

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
 Data File : BF114010.D
 Acq On : 26 Apr 2019 15:17
 Operator : JU/SJ
 Sample : PB119228BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119228BS

Quant Time: Apr 26 22:59:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	142136	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	540814	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	293284	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	586060	20.00	ng	0.00
76) Chrysene-d12	14.06	240	455716	20.00	ng	0.00
87) Perylene-d12	15.56	264	408673	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1032083	124.19	ng	0.02
7) Phenol-d6	6.53	99	1318621	126.47	ng	0.01
23) Nitrobenzene-d5	7.46	82	720736	82.29	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	459053	128.49	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1486477	79.27	ng	0.00
79) Terphenyl-d14	13.00	244	1775262	79.86	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	147612	37.681	ng	96
3) Pyridine	3.56	79	391971	36.658	ng	96
4) n-Nitrosodimethylamine	3.51	42	131759	35.997	ng	94
6) Aniline	6.56	93	413568	28.886	ng	99
8) 2-Chlorophenol	6.69	128	355835	37.504	ng	99
9) Benzaldehyde	6.45	77	283945	52.463	ng	94
10) Phenol	6.55	94	456122	36.585	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	346936	36.979	ng	96
12) 1,3-Dichlorobenzene	6.84	146	410810	38.230	ng	99
13) 1,4-Dichlorobenzene	6.92	146	419905	38.851	ng	99
14) 1,2-Dichlorobenzene	7.07	146	387083	38.970	ng	99
15) Benzyl Alcohol	7.03	79	292670	41.679	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	393691	35.947	ng	93
17) 2-Methylphenol	7.15	107	321376	38.642	ng	98
18) Hexachloroethane	7.41	117	144198	38.059	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	254513	37.695	ng	99
20) 3+4-Methylphenols	7.30	107	381993	40.653	ng	# 82
22) Acetophenone	7.30	105	509109	42.303	ng	96
24) Nitrobenzene	7.47	77	394920	40.805	ng	98
25) Isophorone	7.72	82	703707	39.264	ng	99
26) 2-Nitrophenol	7.79	139	202031	45.757	ng	99
27) 2,4-Dimethylphenol	7.83	122	351505	48.863	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	445168	38.980	ng	99
29) 2,4-Dichlorophenol	8.03	162	341924	41.565	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	374487	40.828	ng	99
31) Naphthalene	8.20	128	1066337	41.505	ng	99
32) Benzoic acid	7.96	122	203077	41.802	ng	97
33) 4-Chloroaniline	8.24	127	257348	23.673	ng	98
34) Hexachlorobutadiene	8.32	225	224732	39.303	ng	98
35) Caprolactam	8.62	113	71758	27.422	ng	94
36) 4-Chloro-3-methylphenol	8.73	107	337417	41.401	ng	99
37) 2-Methylnaphthalene	8.89	142	729600	42.113	ng	97
38) 1-Methylnaphthalene	8.99	142	692126	41.391	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	371282	38.972	ng	98

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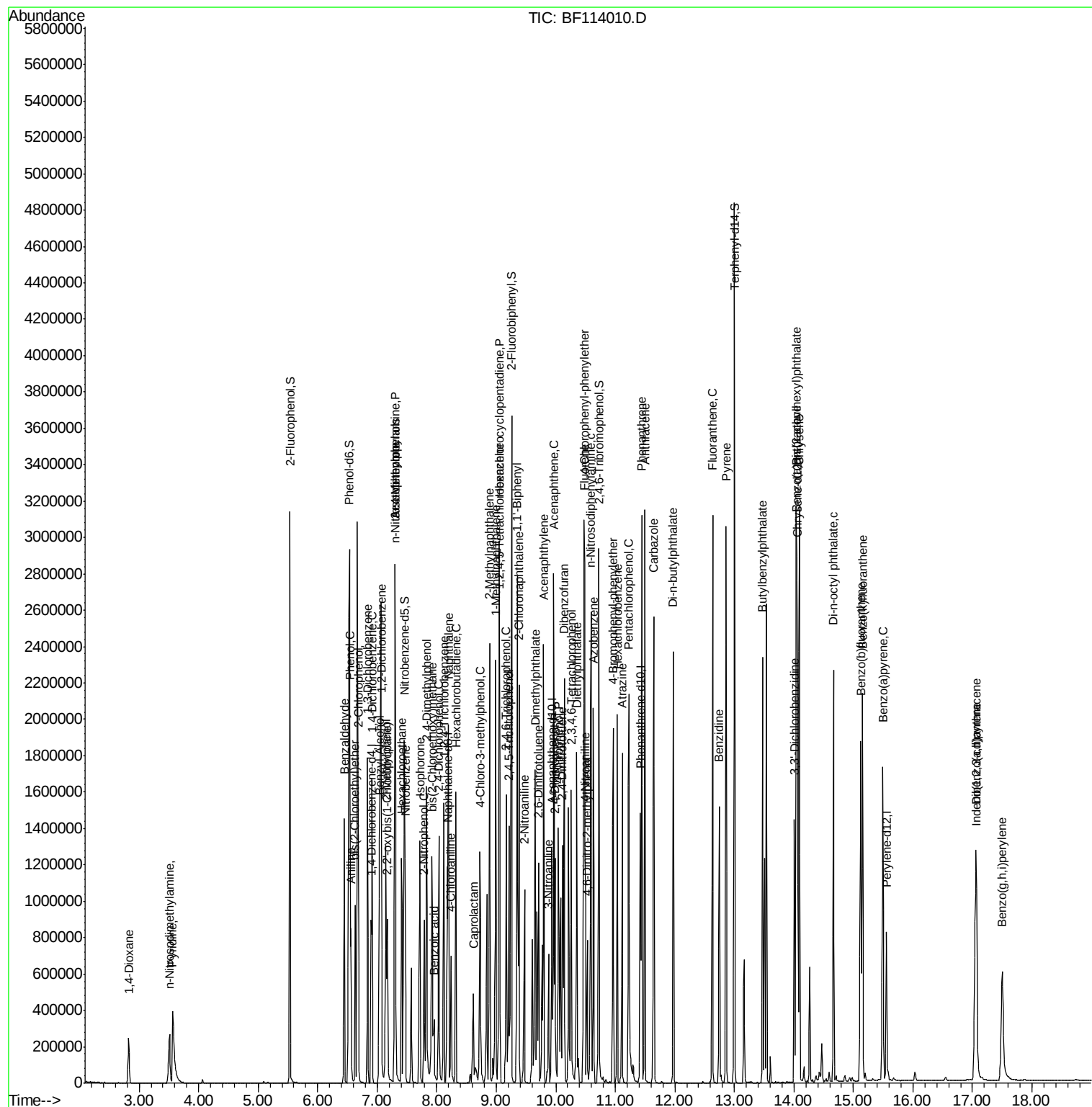
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	472137	88.872	nq	98
43) 2,4,6-Trichlorophenol	9.17	196	261665	43.254	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	275015	40.530	nq	98
46) 1,1'-Biphenyl	9.36	154	908309	40.541	nq	98
47) 2-Chloronaphthalene	9.38	162	739187	40.570	nq	98
48) 2-Nitroaniline	9.47	65	206368	43.207	nq	95
49) Acenaphthylene	9.80	152	1137680	39.885	nq	99
50) Dimethylphthalate	9.66	163	860318	40.560	nq	99
51) 2,6-Dinitrotoluene	9.72	165	198011	43.514	nq	94
52) Acenaphthene	9.97	154	755375	44.811	nq	98
53) 3-Nitroaniline	9.88	138	123315	25.789	nq	91
54) 2,4-Dinitrophenol	9.99	184	188962	94.317	nq	# 2
55) Dibenzofuran	10.14	168	1038291	41.120	nq	97
56) 4-Nitrophenol	10.05	139	308764	81.552	nq	95
57) 2,4-Dinitrotoluene	10.12	165	267201	46.520	nq	89
58) Fluorene	10.49	166	775329	40.784	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	243566	40.847	nq	97
60) Diethylphthalate	10.36	149	820677	40.744	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	405239	40.251	nq	99
62) 4-Nitroaniline	10.50	138	191582	41.056	nq	96
63) Azobenzene	10.63	77	771608	39.526	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	117273	44.319	nq	98
66) n-Nitrosodiphenylamine	10.59	169	707071	40.209	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	267339	37.761	nq	97
68) Hexachlorobenzene	11.03	284	299946	38.553	nq	97
69) Atrazine	11.12	200	241163	42.158	nq	99
70) Pentachlorophenol	11.23	266	339656	77.108	nq	97
71) Phenanthrene	11.44	178	1193555	40.524	nq	99
72) Anthracene	11.50	178	1240252	41.700	nq	99
73) Carbazole	11.64	167	1086674	40.953	nq	99
74) Di-n-butylphthalate	11.97	149	1270641	40.708	nq	100
75) Fluoranthene	12.63	202	1279663	39.823	nq	98
77) Benzidine	12.74	184	647406	47.679	nq	99
78) Pyrene	12.86	202	1274009	39.977	nq	99
80) Butylbenzylphthalate	13.47	149	539377	43.017	nq	98
81) Benzo(a)anthracene	14.05	228	1129056	42.051	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	317848	32.297	nq	# 98
83) Chrysene	14.09	228	1113656	42.588	nq	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	716042	44.884	nq	99
85) Di-n-octyl phthalate	14.67	149	1171855	46.930	nq	98
86) Indeno(1,2,3-cd)pyrene	17.05	276	896811	36.207	nq	98
88) Benzo(b)fluoranthene	15.12	252	1082740	41.875	nq	99
89) Benzo(k)fluoranthene	15.16	252	954841	42.931	nq	99
90) Benzo(a)pyrene	15.50	252	936087	41.856	nq	99
91) Dibenzo(a,h)anthracene	17.07	278	757188	36.067	nq	100
92) Benzo(g,h,i)perylene	17.50	276	724510	34.197	nq	99

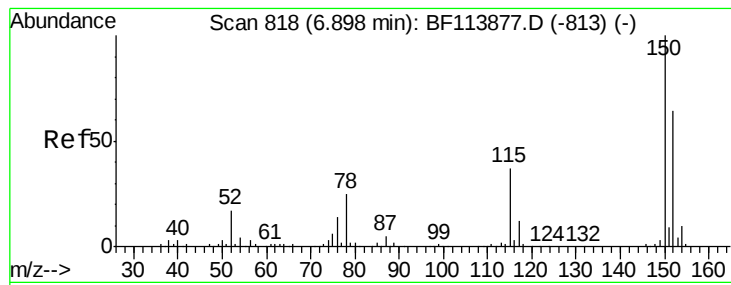
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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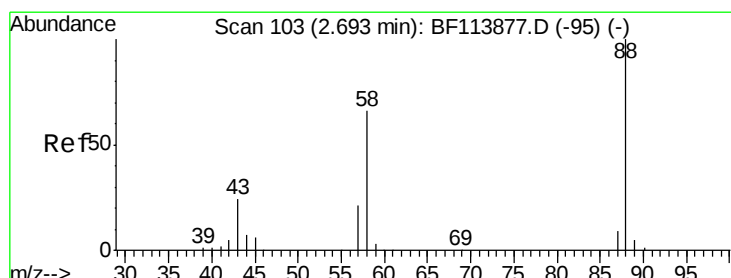
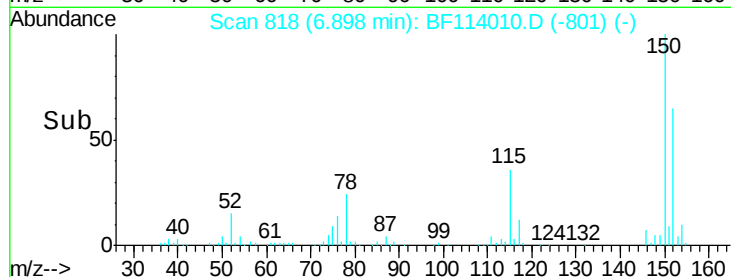
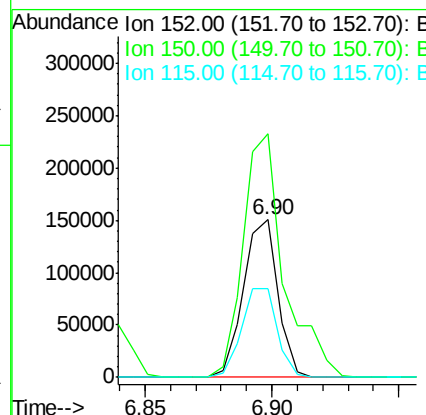
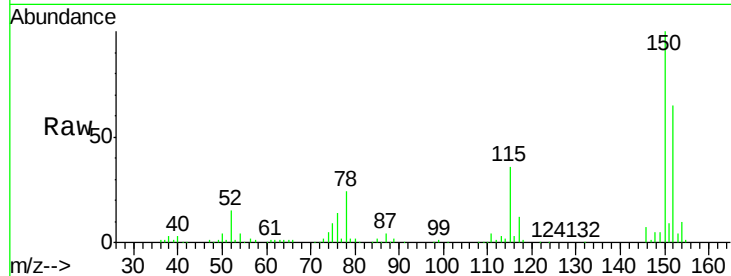


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

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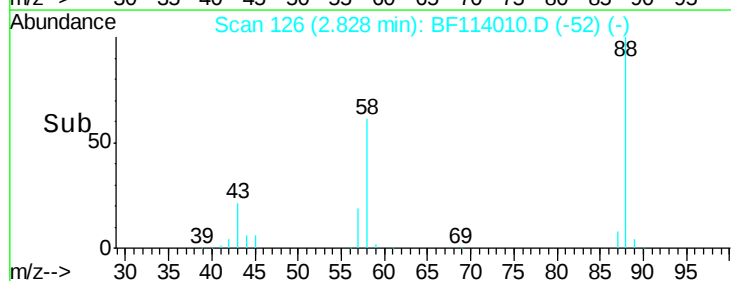
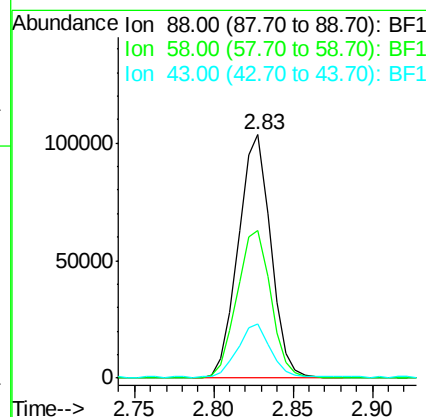
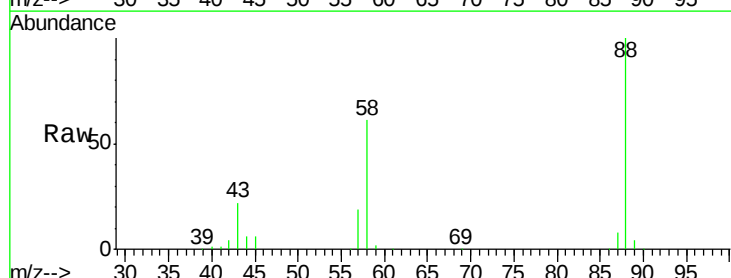
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.9	188.9
115	56.2	45.9	68.9

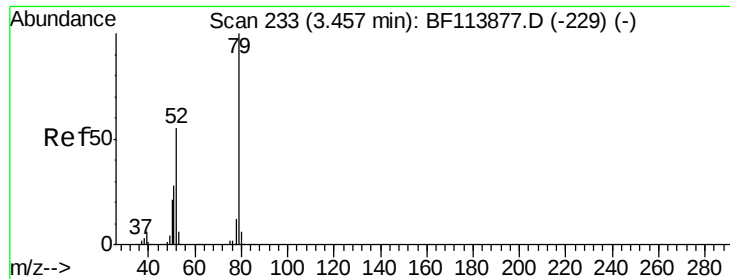


#2

1,4-Dioxane
Concen: 37.681 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.14 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	53.3	79.9
43	22.1	19.0	28.4





#3

Pvridine

Concen: 36.658 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.11 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

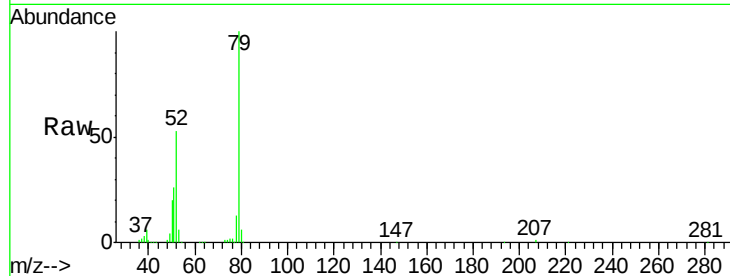
Tot Ion: 79 Resp: 391971

Ion Ratio Lower Upper

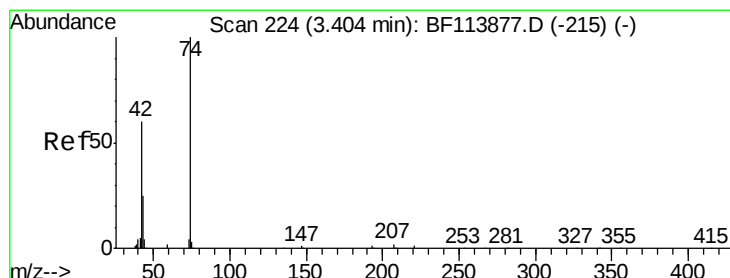
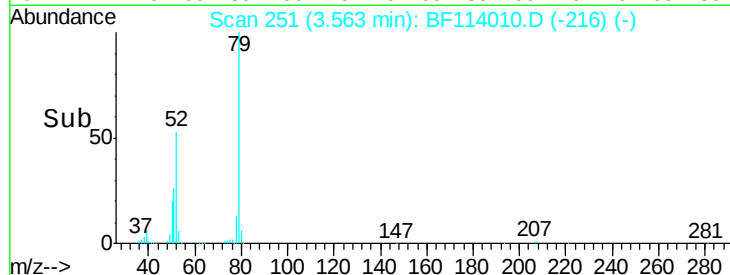
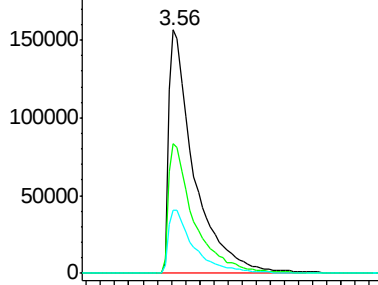
79 100

52 53.3 45.3 67.9

51 26.2 22.1 33.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.997 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.11 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

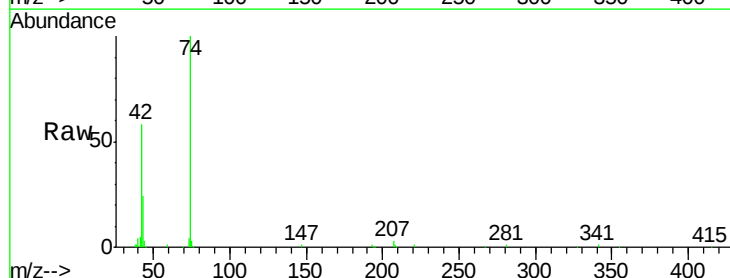
Tgt Ion: 42 Resp: 131759

Ion Ratio Lower Upper

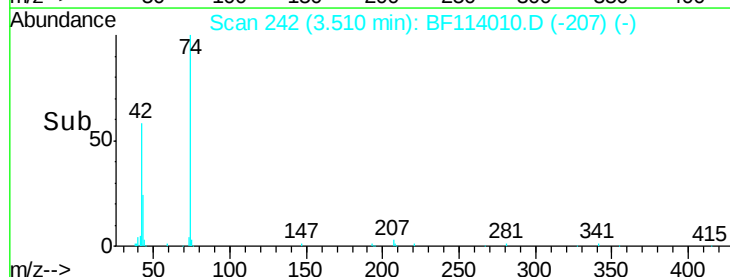
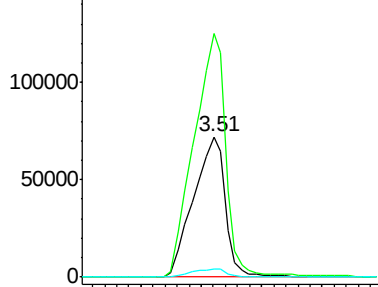
42 100

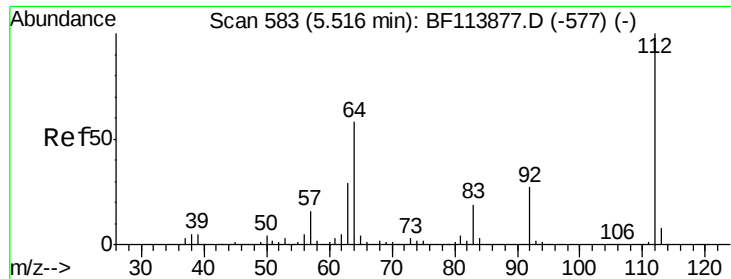
74 173.4 132.6 198.8

44 6.0 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.193 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

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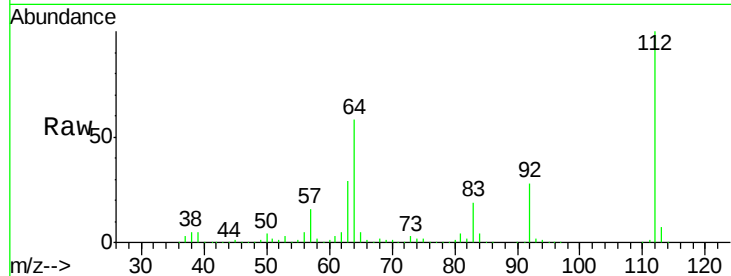
Tot Ion:112 Resp: 1032083

Ion Ratio Lower Upper

112 100

64 58.1 46.6 69.8

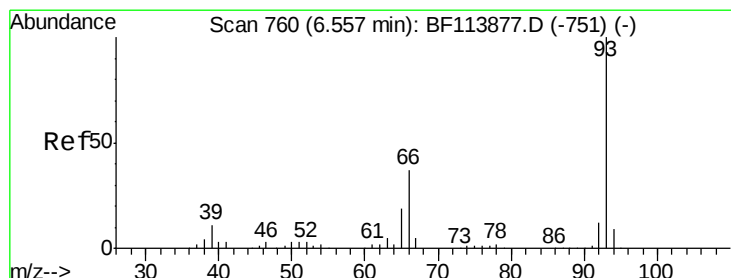
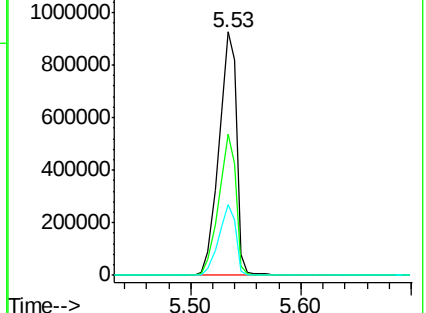
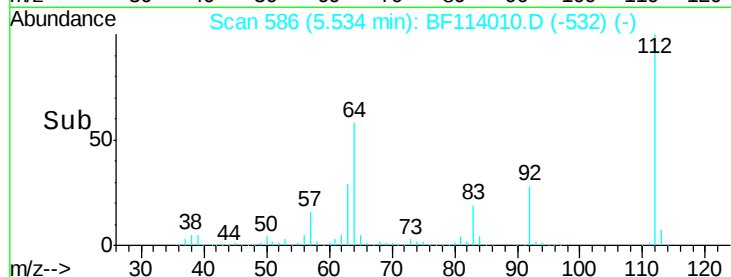
63 29.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.886 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

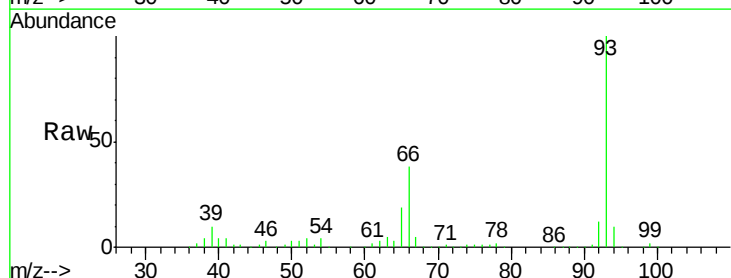
Tgt Ion: 93 Resp: 413568

Ion Ratio Lower Upper

93 100

66 38.3 29.8 44.6

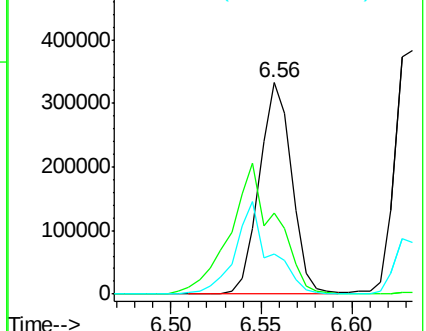
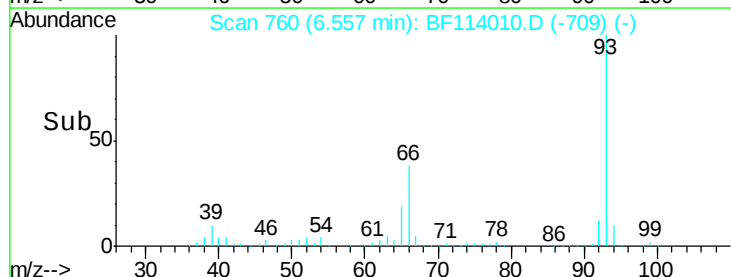
65 18.8 14.9 22.3

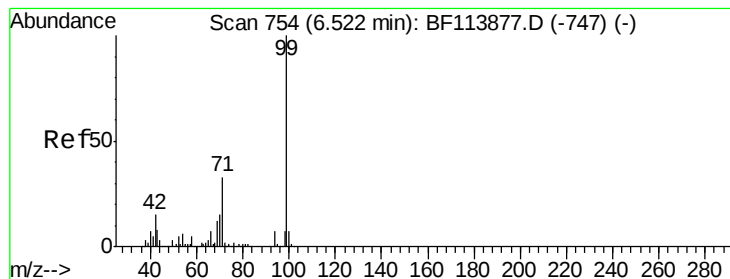


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.471 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

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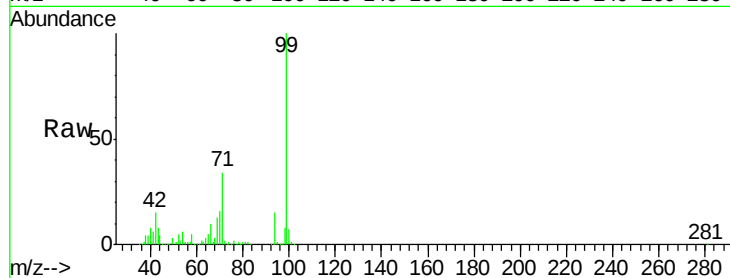
Tot Ion: 99 Resp: 1318621

Ion Ratio Lower Upper

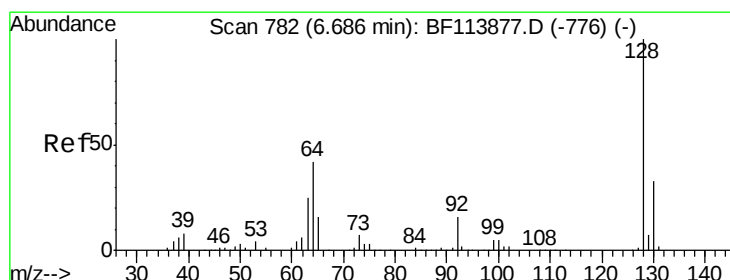
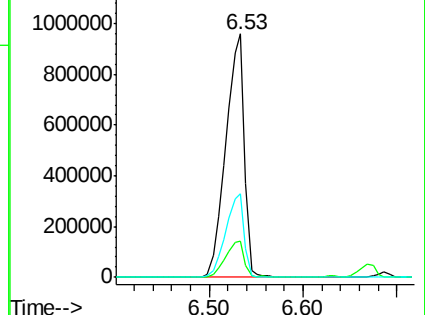
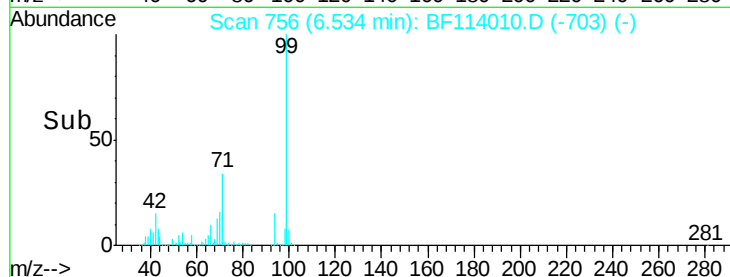
99 100

42 15.1 12.5 18.7

71 34.3 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.504 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

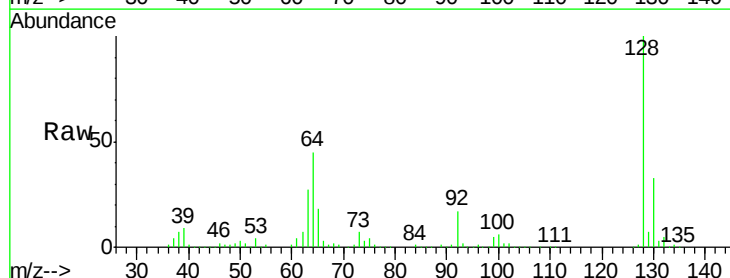
Tgt Ion: 128 Resp: 355835

Ion Ratio Lower Upper

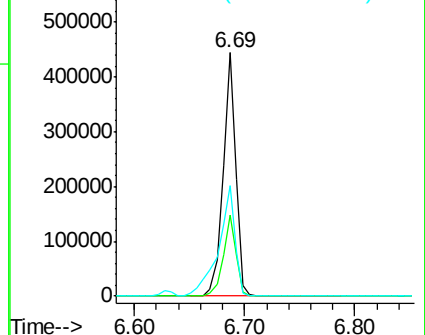
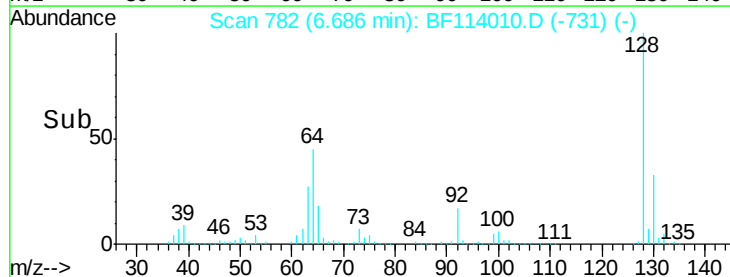
128 100

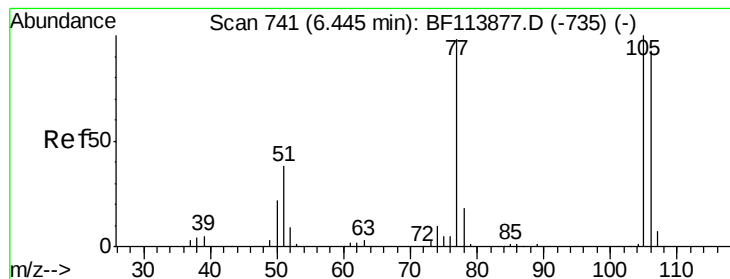
130 33.2 12.3 52.3

64 45.3 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 52.463 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

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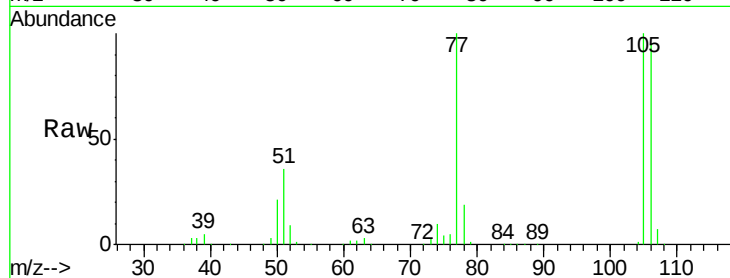
Tot Ion: 77 Resp: 283945

Ion Ratio Lower Upper

77 100

105 100.0 74.1 114.1

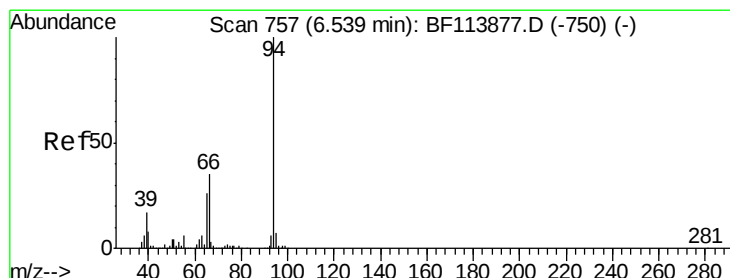
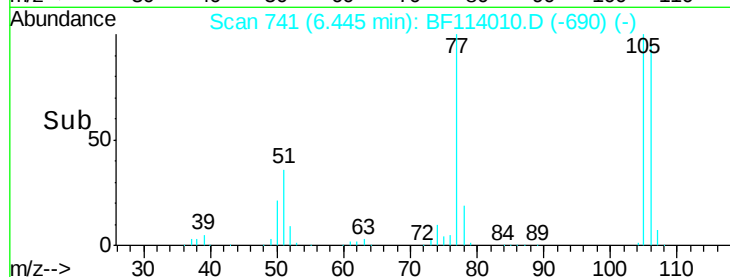
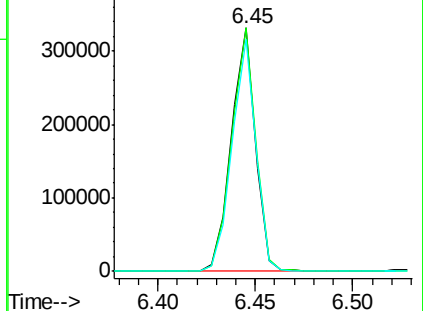
106 95.1 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.585 ng

RT: 6.55 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

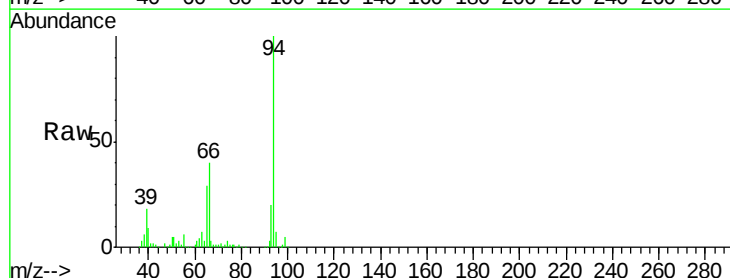
Tgt Ion: 94 Resp: 456122

Ion Ratio Lower Upper

94 100

65 28.5 8.1 48.1

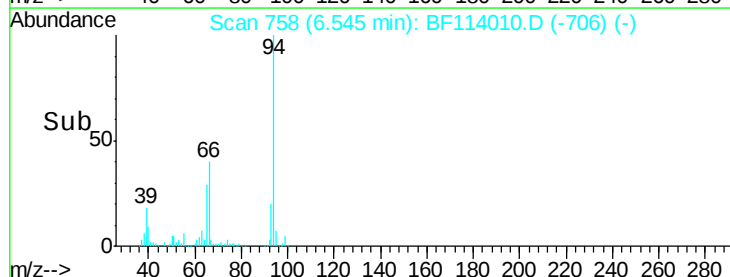
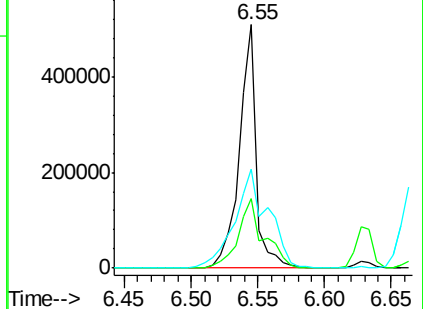
66 40.4 16.6 56.6

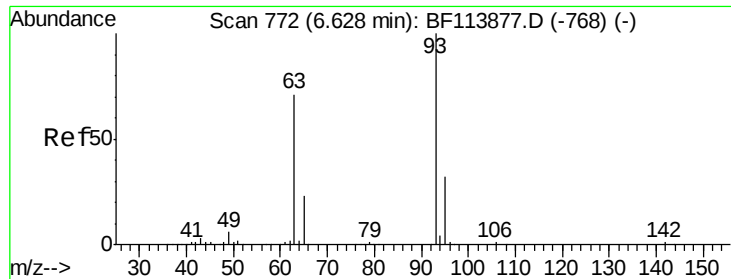


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.979 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

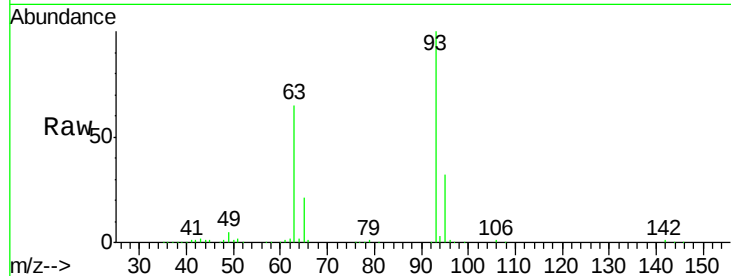
Tot Ion: 93 Resp: 346936

Ion Ratio Lower Upper

93 100

63 65.4 50.7 90.7

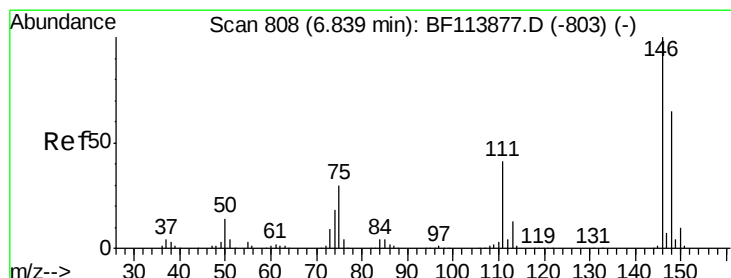
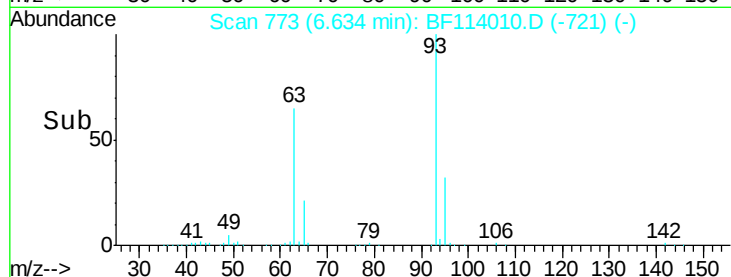
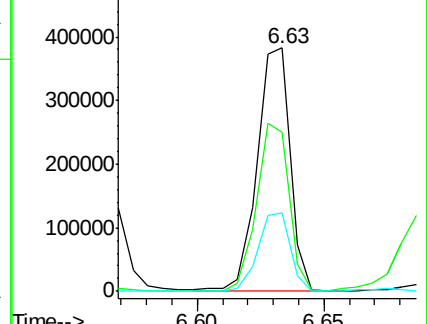
95 32.2 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.230 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

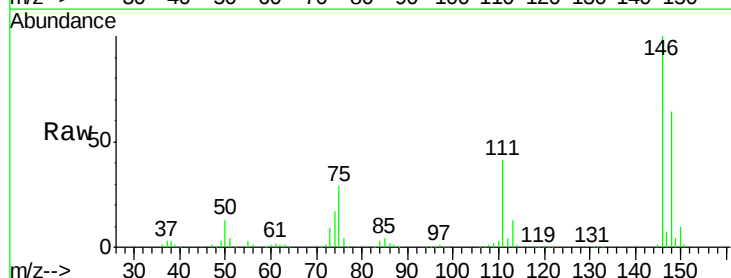
Tgt Ion: 146 Resp: 410810

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

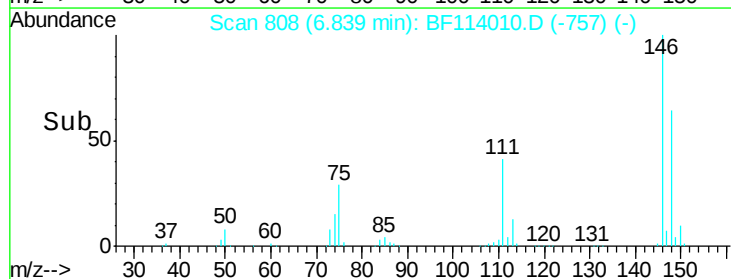
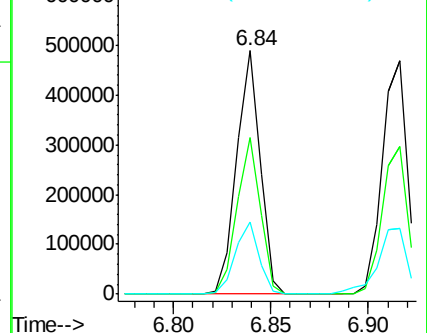
75 29.4 23.8 35.8

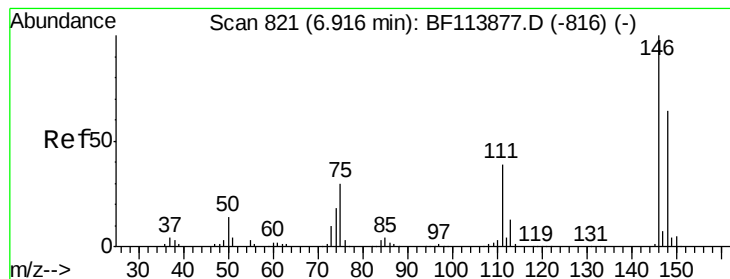


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.851 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

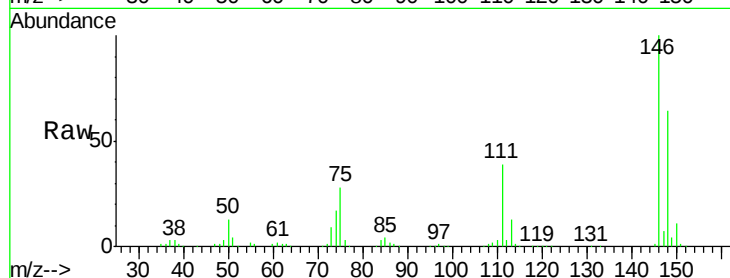
Tot Ion:146 Resp: 419905

Ion Ratio Lower Upper

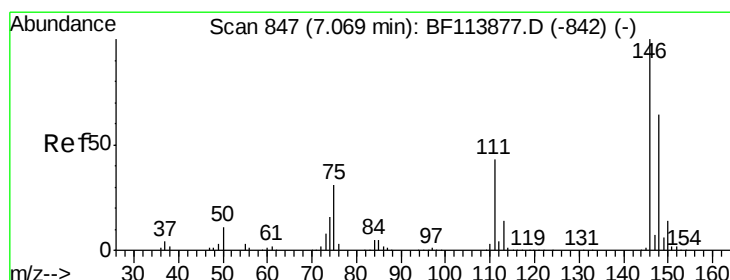
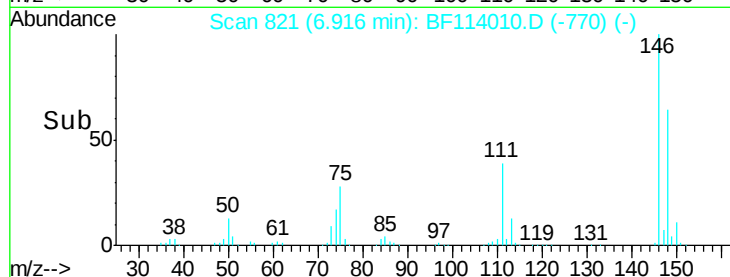
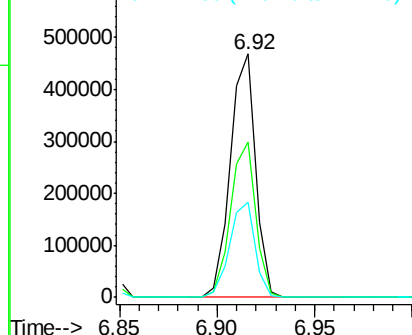
146 100

148 63.5 51.8 77.8

111 38.9 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.970 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

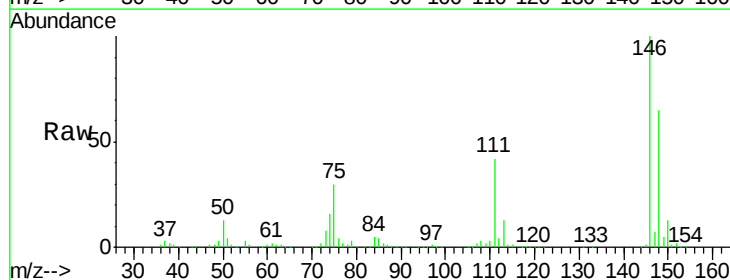
Tgt Ion:146 Resp: 387083

Ion Ratio Lower Upper

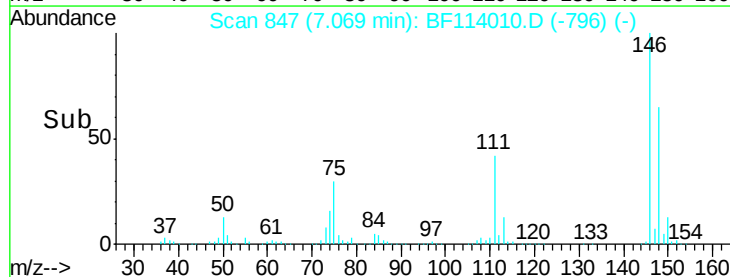
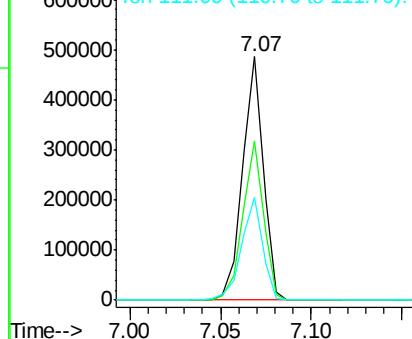
146 100

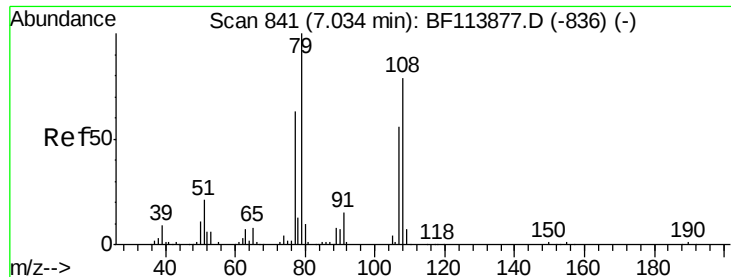
148 65.3 52.1 78.1

111 42.1 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.679 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

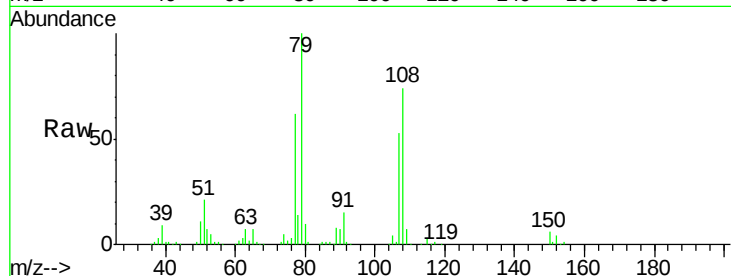
Tot Ion: 79 Resp: 292670

Ion Ratio Lower Upper

79 100

108 74.2 61.4 92.0

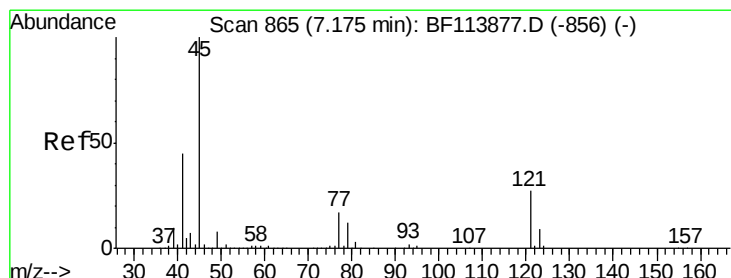
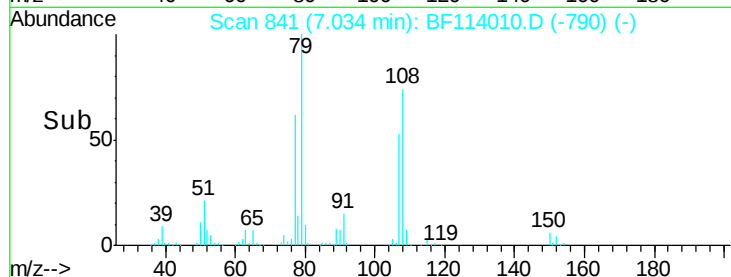
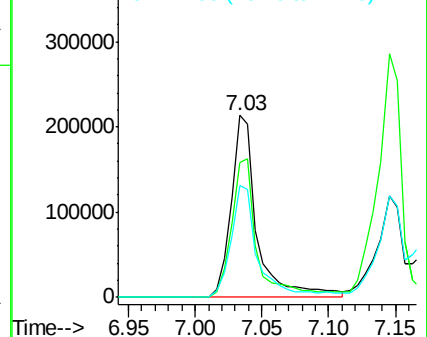
77 61.6 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.947 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

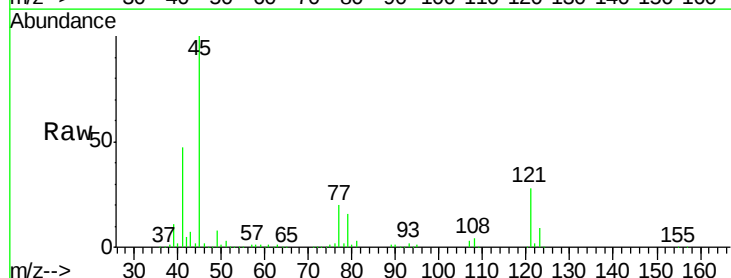
Tgt Ion: 45 Resp: 393691

Ion Ratio Lower Upper

45 100

77 19.8 0.0 37.0

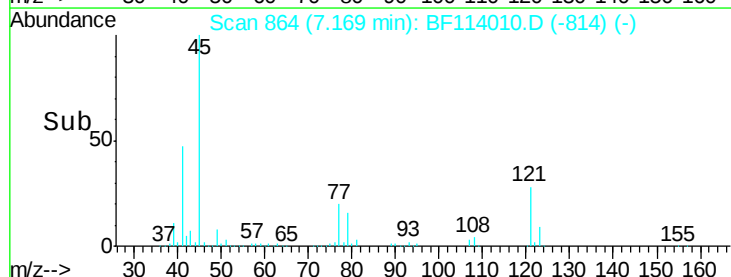
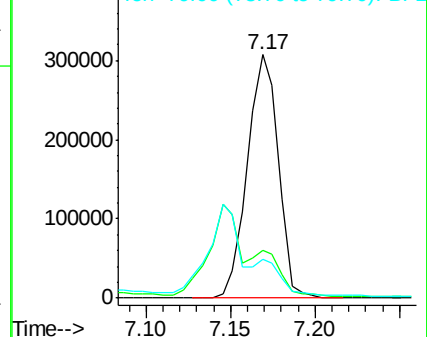
79 16.0 0.0 32.7

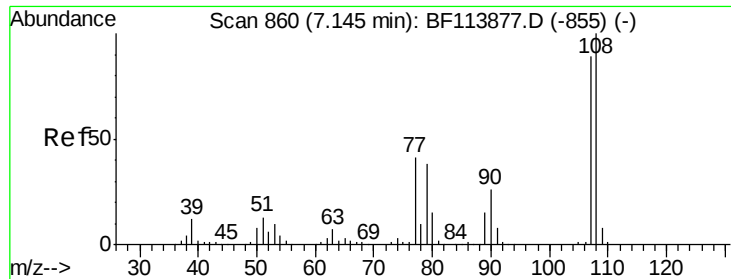


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

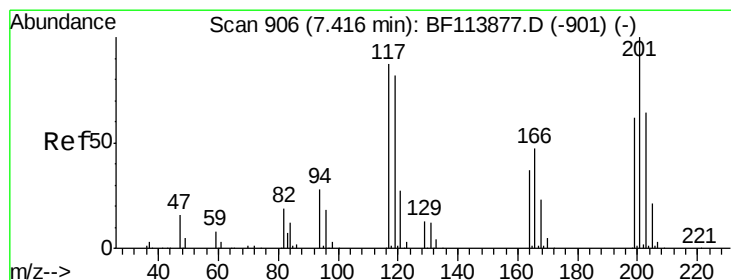
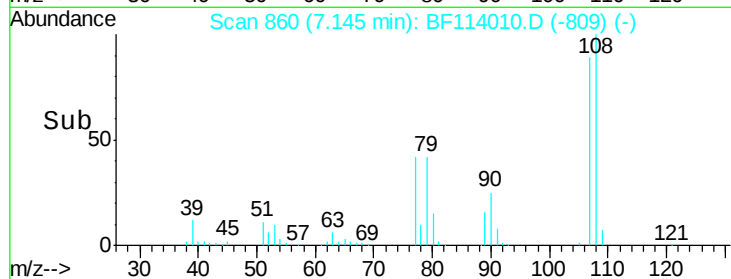
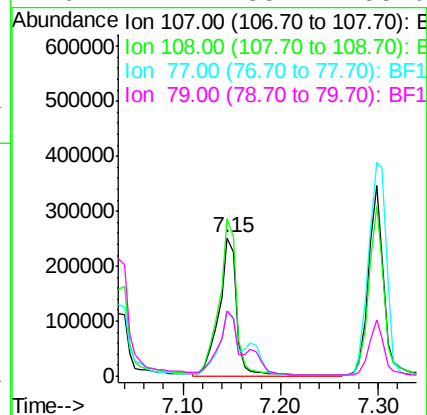
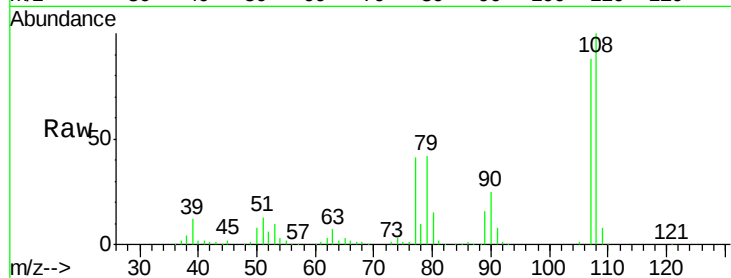




#17
2-Methylphenol
Concen: 38.642 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

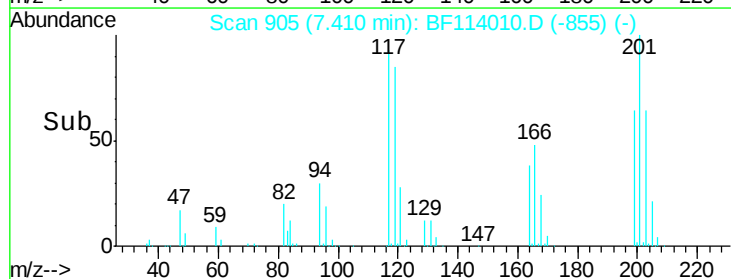
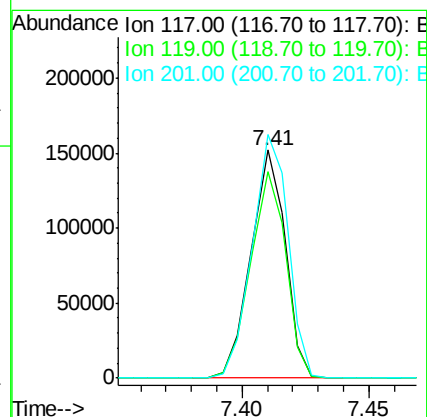
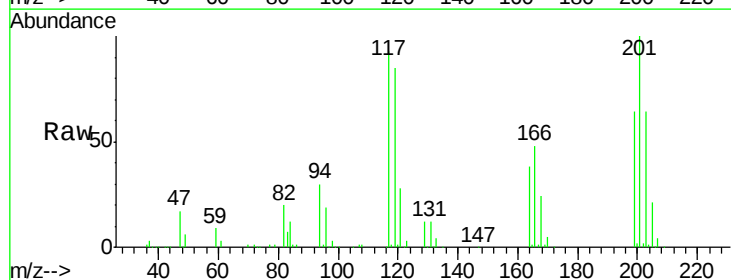
Instrument :
BNA_F
ClientSampleID :
PB119228BS

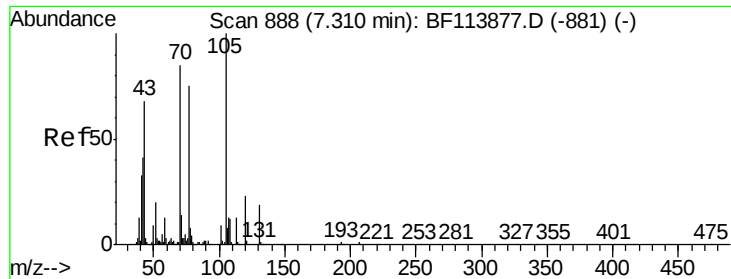
Tot Ion:	107	Resp:	321376
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.5	137.3
77	46.9	36.2	54.4
79	47.2	35.4	53.0



#18
Hexachloroethane
Concen: 38.059 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Tgt Ion:	117	Resp:	144198
Ion	Ratio	Lower	Upper
117	100		
119	90.9	74.4	111.6
201	107.0	90.2	135.2

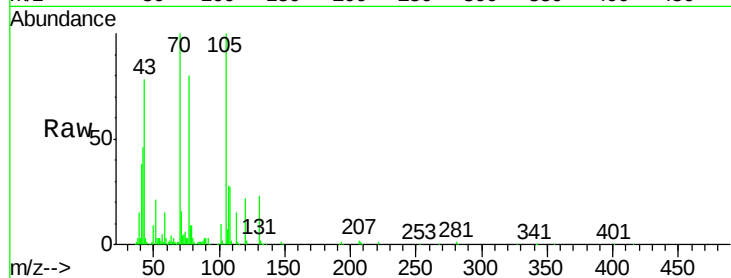




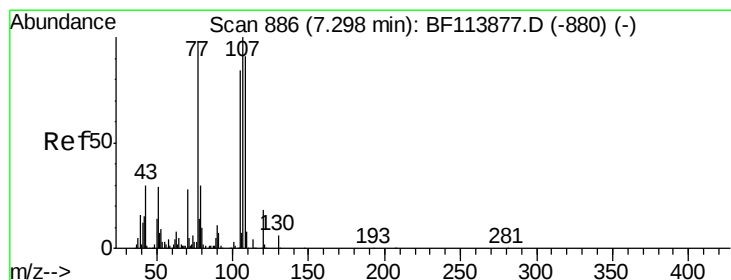
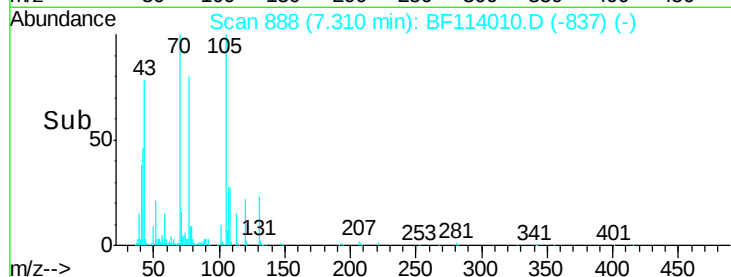
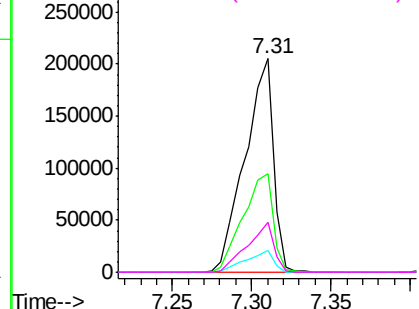
#19
n-Nitroso-di-n-propylamine
Concen: 37.695 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Instrument :
BNA_F
ClientSampleId :
PB119228BS

Tot Ion:	70	Resp:	254513
Ion	Ratio	Lower	Upper
70	100		
42	46.3	37.3	55.9
101	10.0	7.8	11.8
130	23.2	18.2	27.2

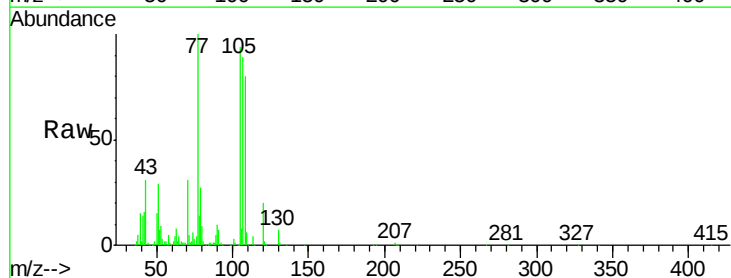


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

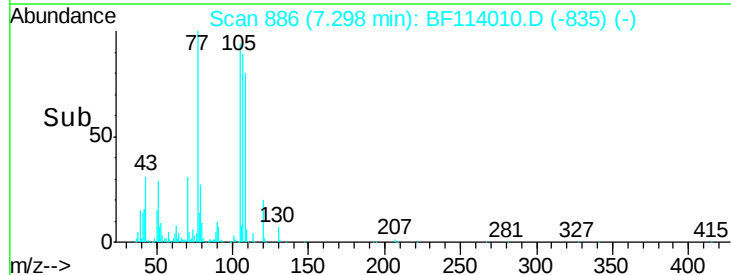
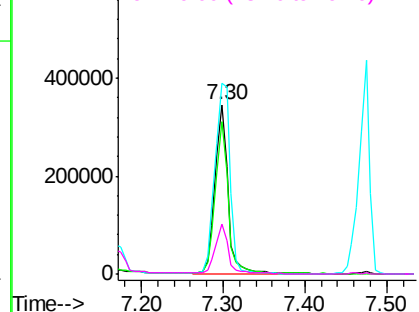


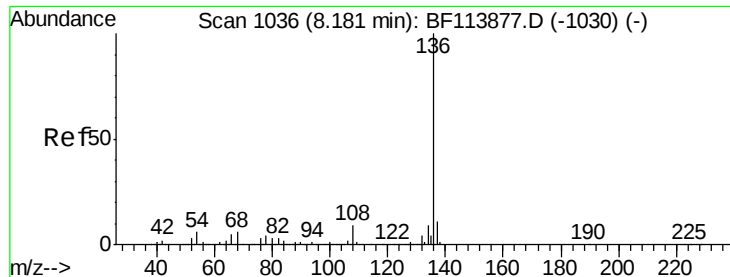
#20
3+4-Methylphenols
Concen: 40.653 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Tgt Ion:	107	Resp:	381993
Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.1	110.1
77	112.3	52.9	92.9#
79	29.8	10.2	50.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

Tot Ion:136 Resp: 540814

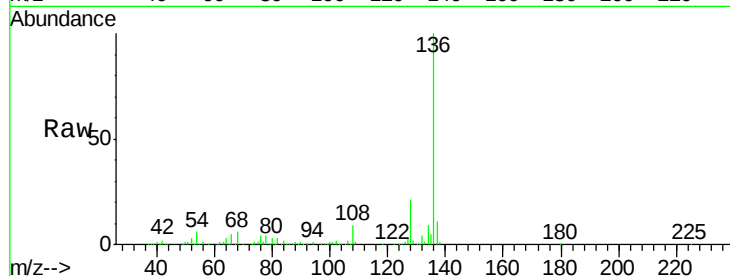
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 5.7 5.0 7.6

68 5.7 4.9 7.3

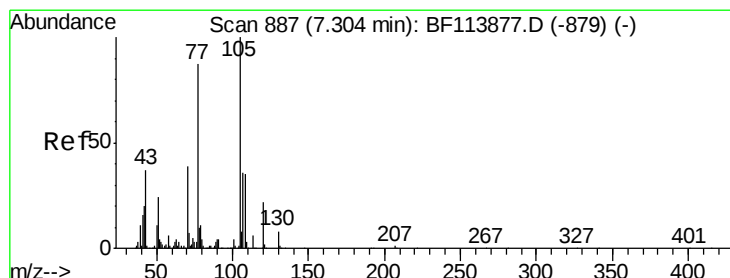
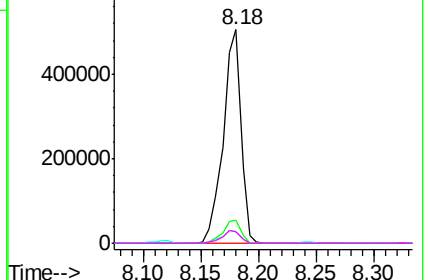
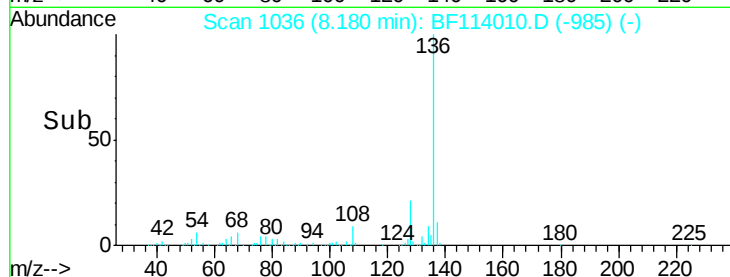


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.303 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Tgt Ion:105 Resp: 509109

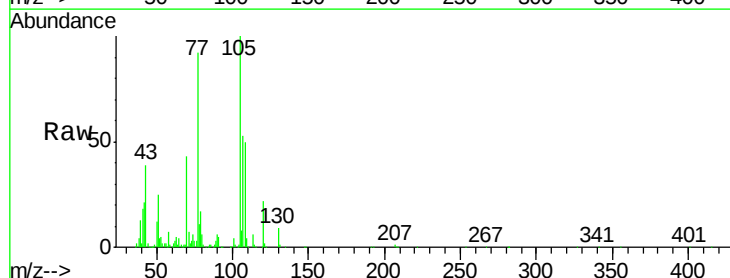
Ion Ratio Lower Upper

105 100

71 7.1 6.1 9.1

51 24.9 16.8 25.2

120 21.8 17.6 26.4

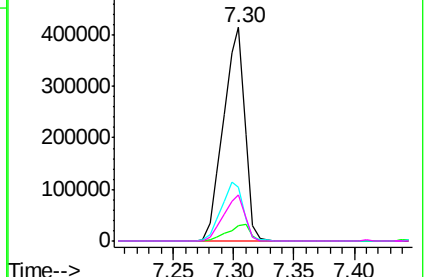
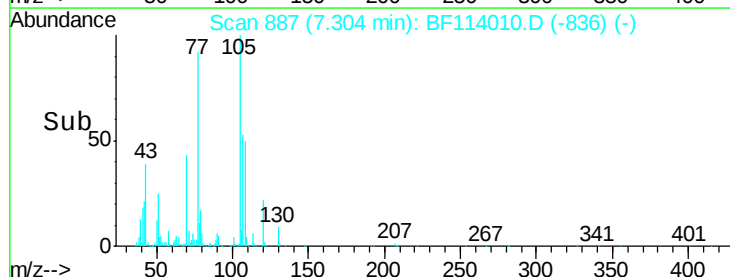


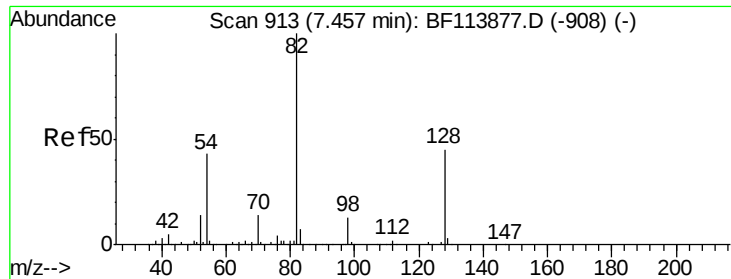
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

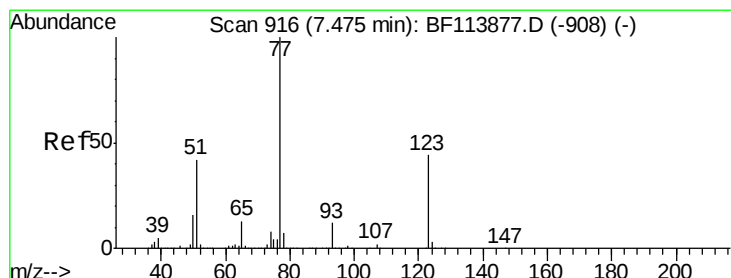
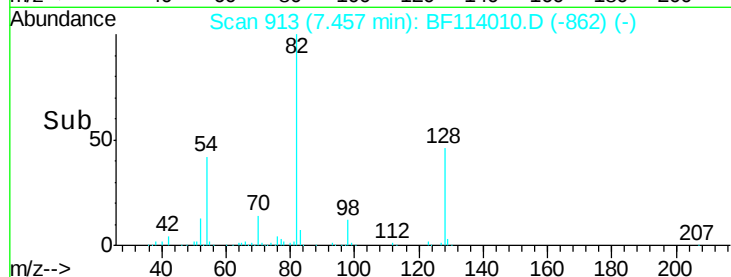
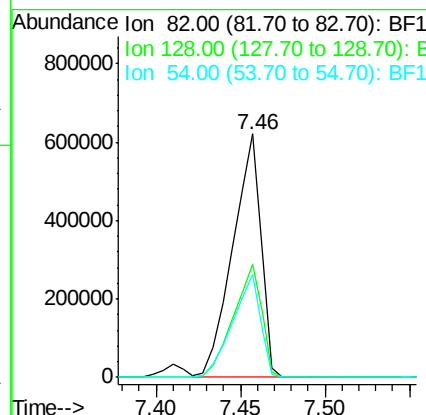
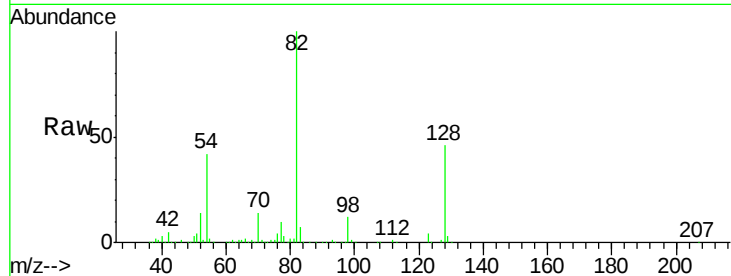




#23
Nitrobenzene-d5
Concen: 82.285 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

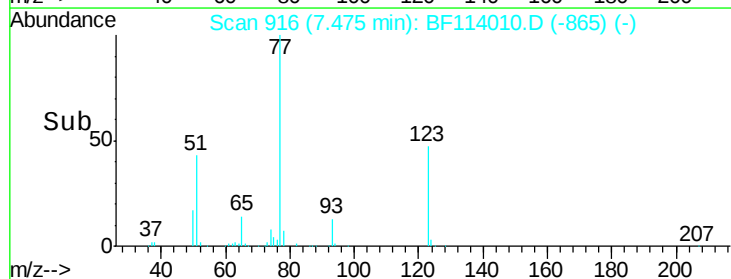
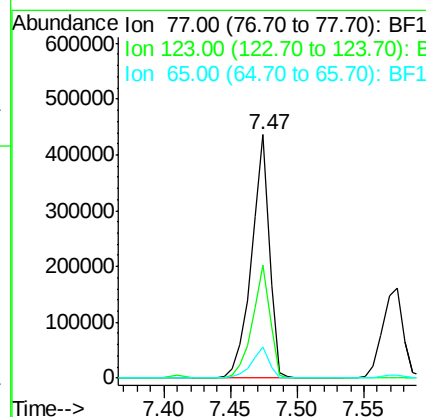
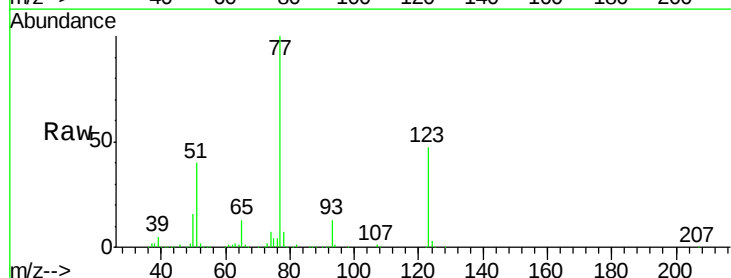
Instrument :
BNA_F
ClientSampleId :
PB119228BS

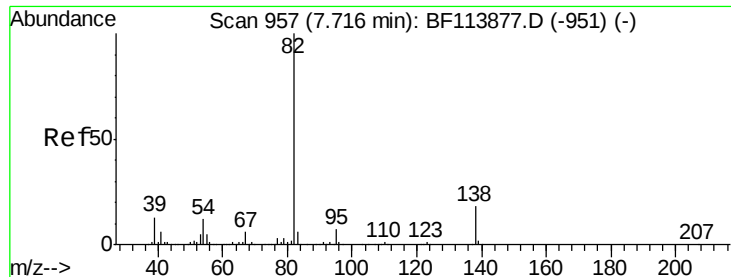
Tot Ion: 82 Resp: 720736
Ion Ratio Lower Upper
82 100
128 46.4 36.8 55.2
54 42.0 33.8 50.6



#24
Nitrobenzene
Concen: 40.805 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Tgt Ion: 77 Resp: 394920
Ion Ratio Lower Upper
77 100
123 46.7 36.3 54.5
65 12.6 10.3 15.5





#25

Isophorone

Concen: 39.264 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

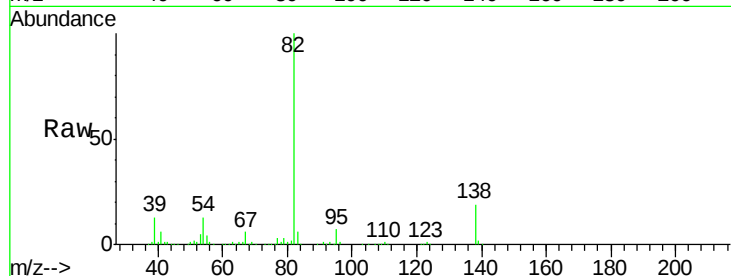
Tot Ion: 82 Resp: 703707

Ion Ratio Lower Upper

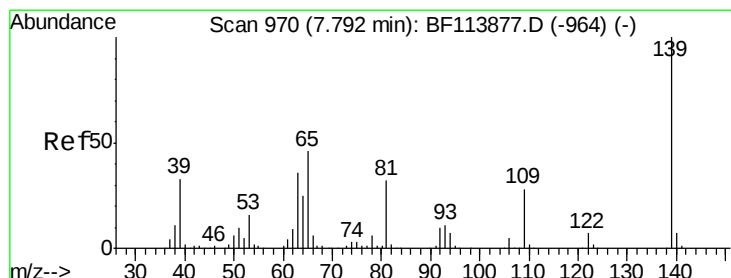
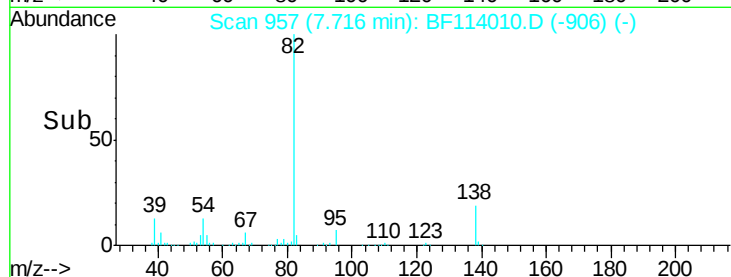
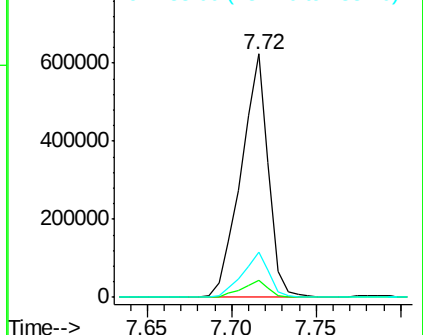
82 100

95 7.0 5.4 8.2

138 18.7 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.757 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

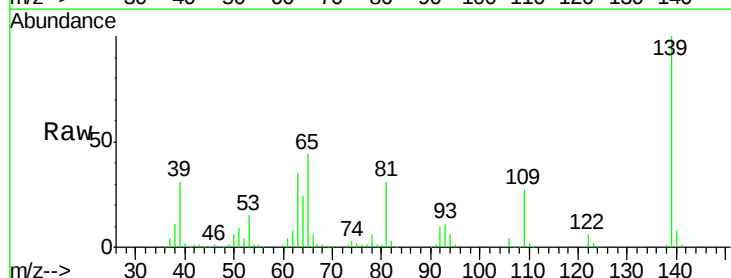
Tgt Ion: 139 Resp: 202031

Ion Ratio Lower Upper

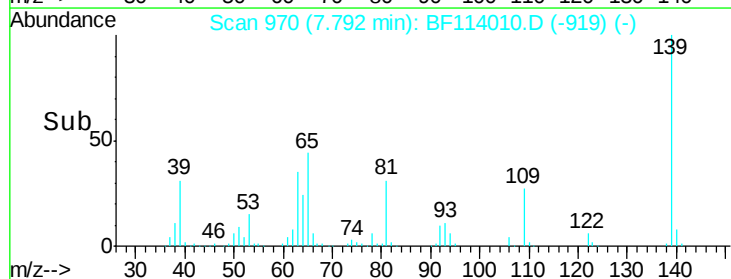
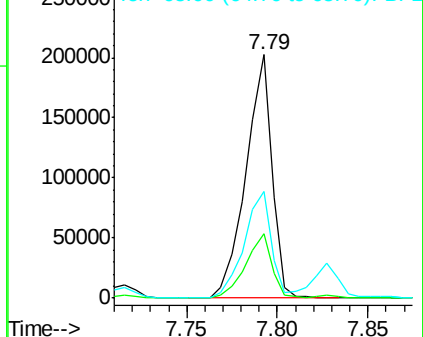
139 100

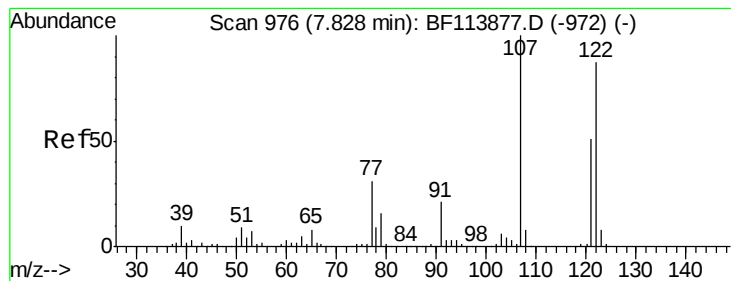
109 26.6 20.6 31.0

65 44.0 34.6 52.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.863 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

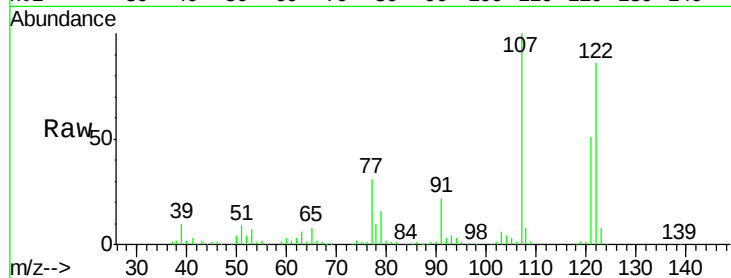
Tot Ion:122 Resp: 351505

Ion Ratio Lower Upper

122 100

107 116.3 91.2 136.8

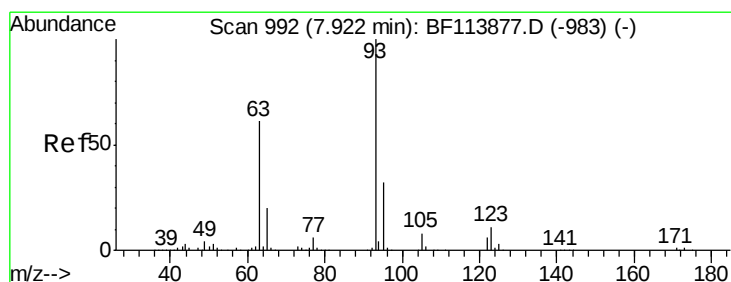
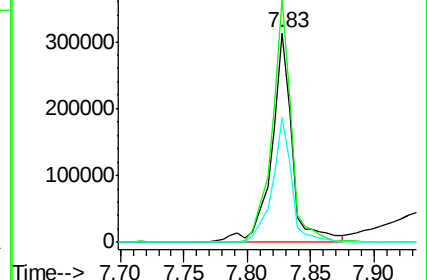
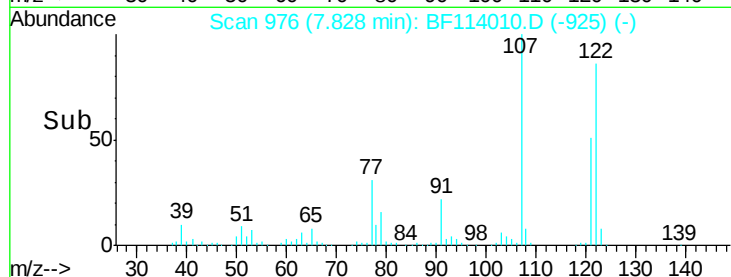
121 59.6 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.980 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

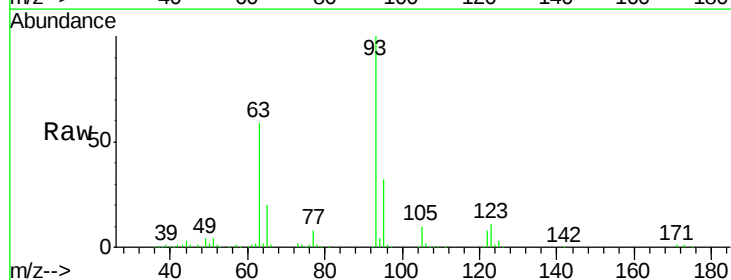
Tgt Ion: 93 Resp: 445168

Ion Ratio Lower Upper

93 100

95 31.6 25.8 38.6

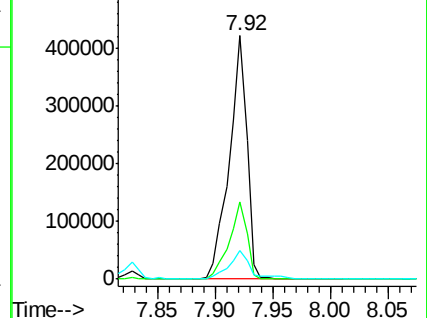
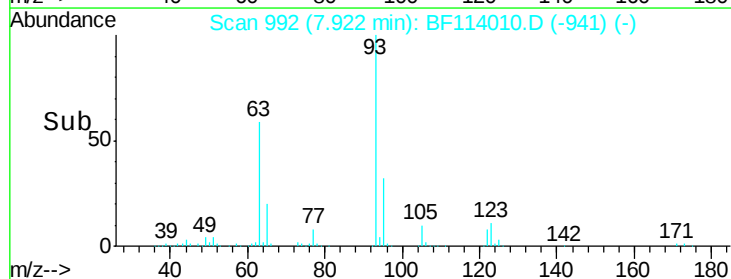
123 11.5 9.0 13.6

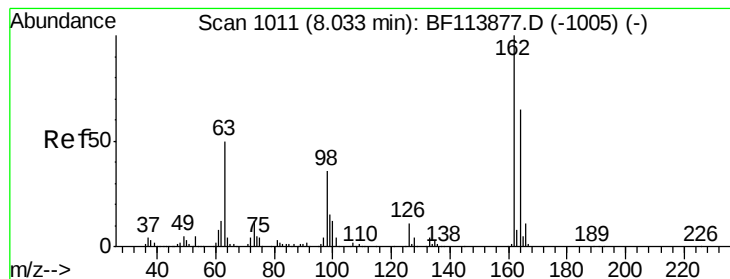


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.565 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

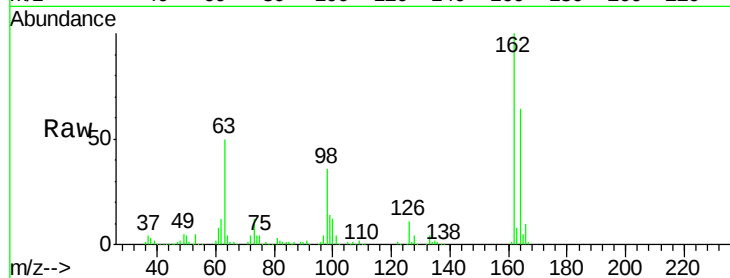
Tot Ion:162 Resp: 341924

Ion Ratio Lower Upper

162 100

164 63.6 43.7 83.7

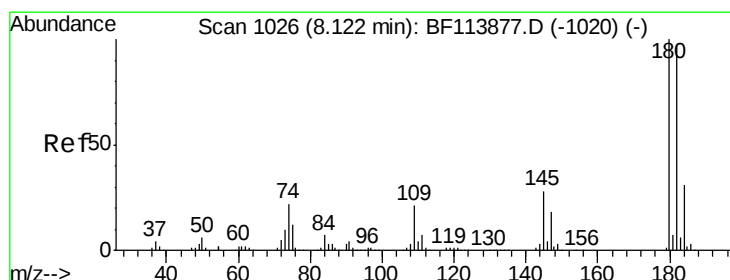
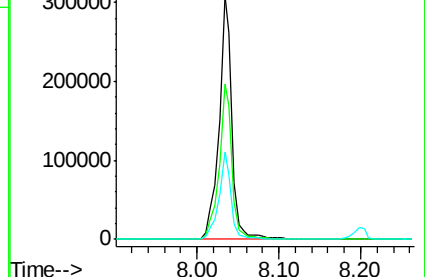
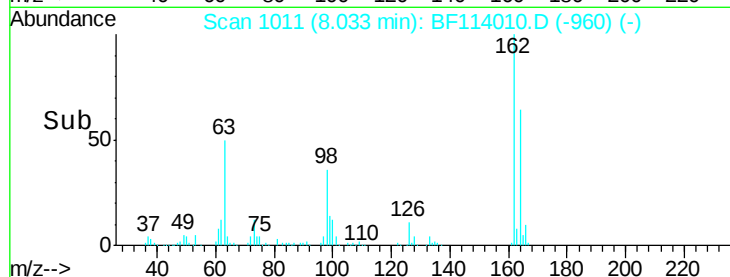
98 35.8 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.828 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

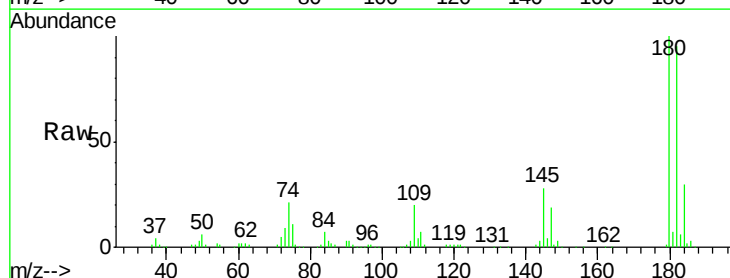
Tgt Ion:180 Resp: 374487

Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.0

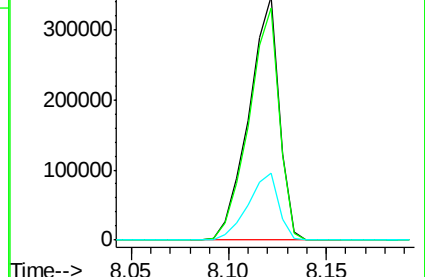
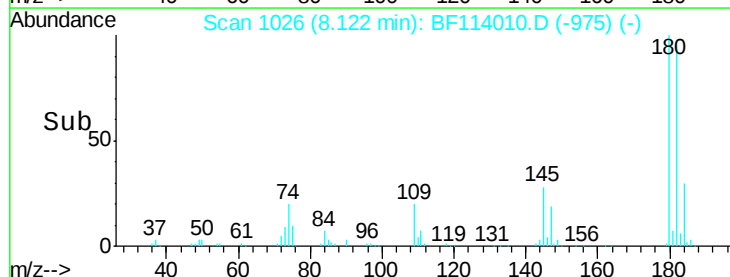
145 27.7 23.0 34.4

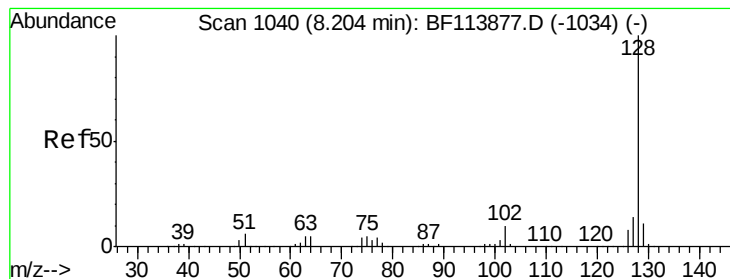


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.505 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

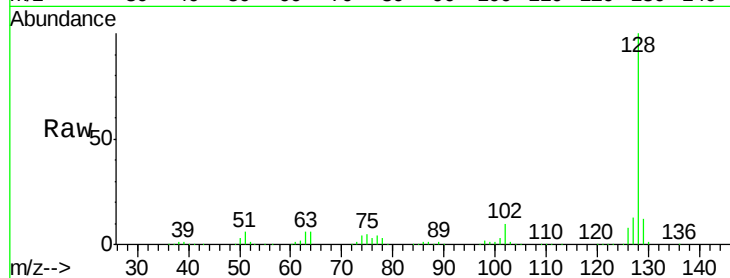
Tot Ion:128 Resp: 1066337

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

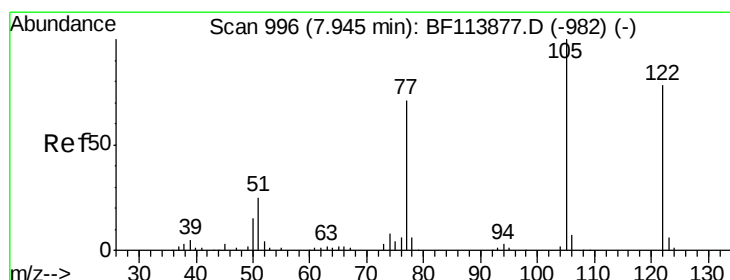
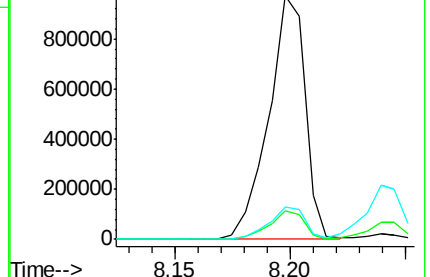
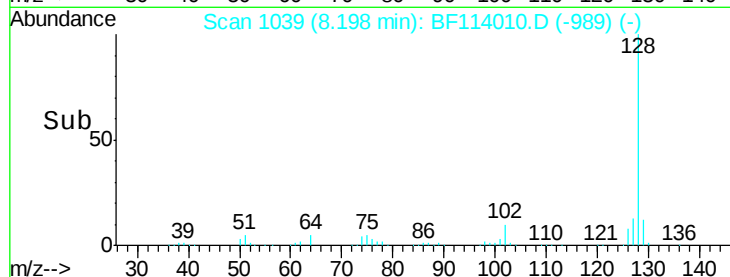
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.802 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

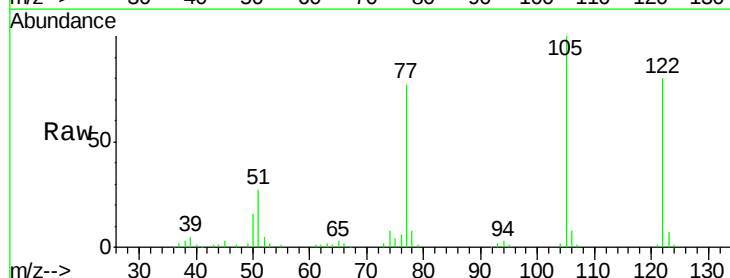
Tgt Ion:122 Resp: 203077

Ion Ratio Lower Upper

122 100

105 125.1 104.3 144.3

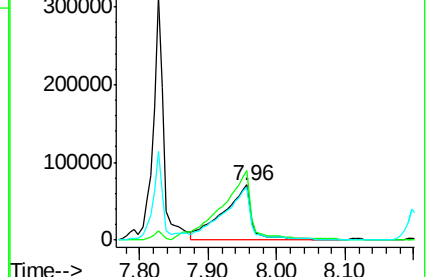
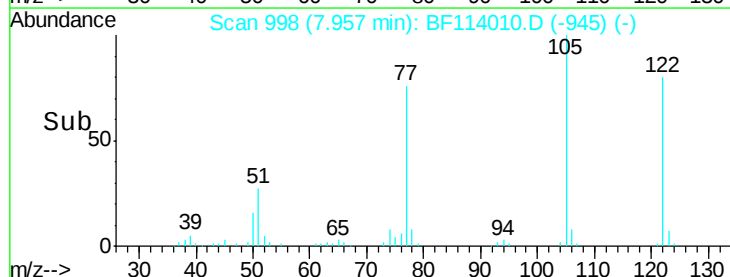
77 96.0 70.4 110.4

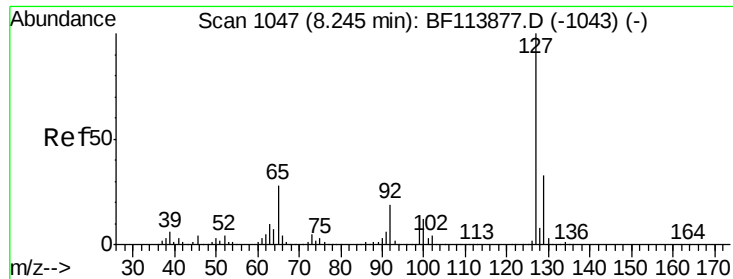


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

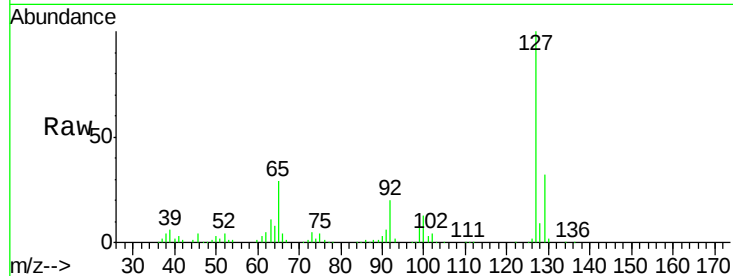




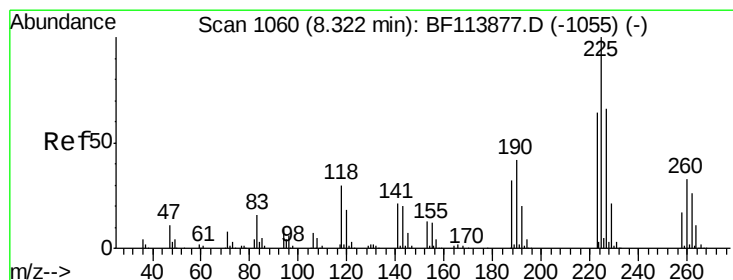
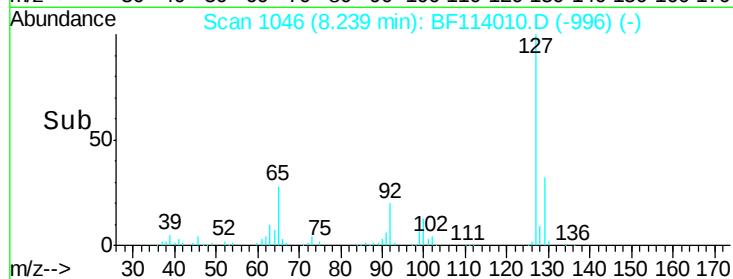
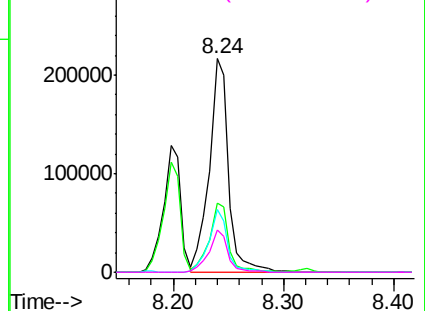
#33
4-Chloroaniline
Concen: 23.673 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Instrument :
BNA_F
ClientSampleId :
PB119228BS

Tot Ion:	127	Resp:	257348
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	29.2	24.9	37.3
92	19.6	15.9	23.9

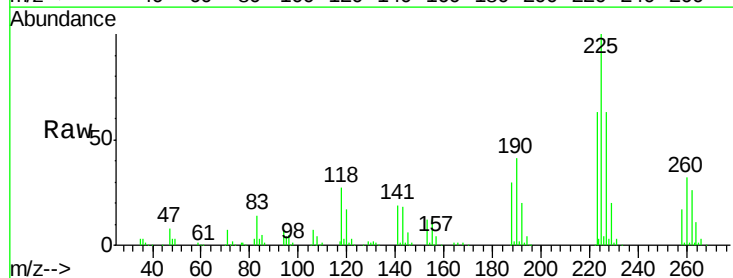


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

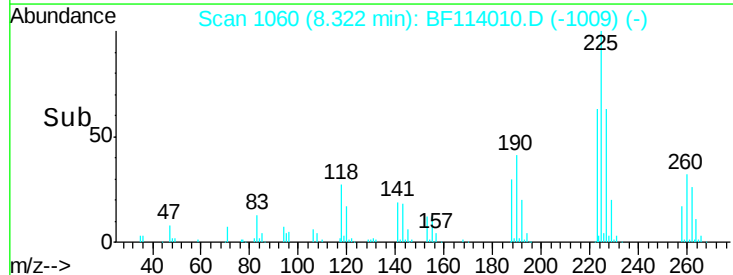
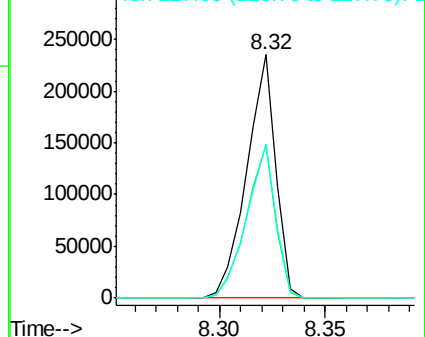


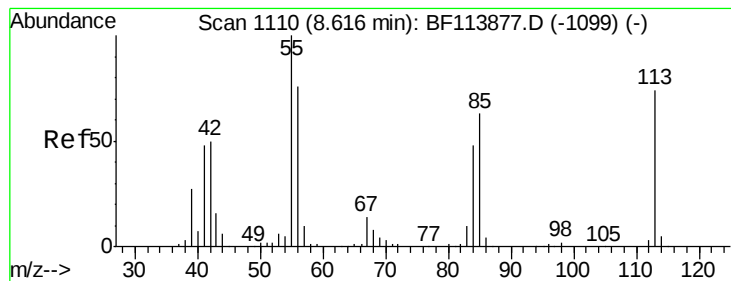
#34
Hexachlorobutadiene
Concen: 39.303 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Tgt Ion:	225	Resp:	224732
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	63.5	49.9	74.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.422 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

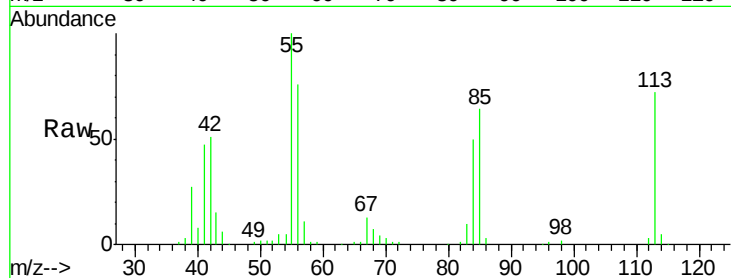
Tot Ion:113 Resp: 71758

Ion Ratio Lower Upper

113 100

55 139.8 128.6 168.6

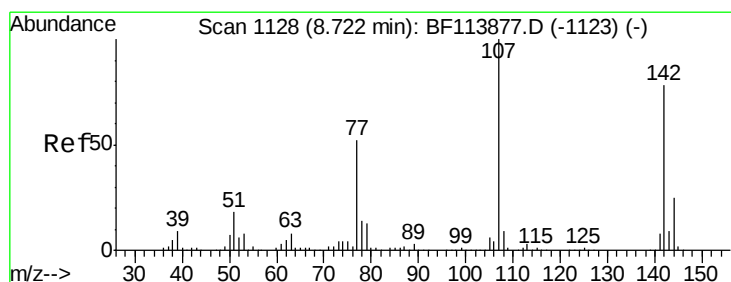
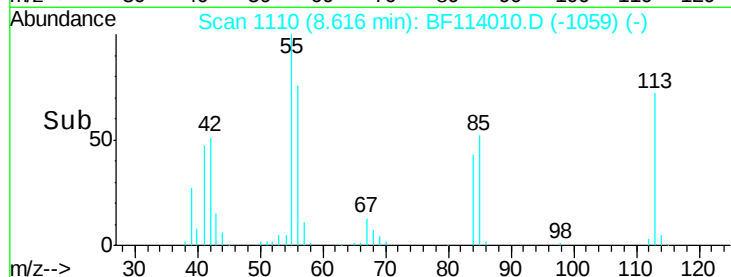
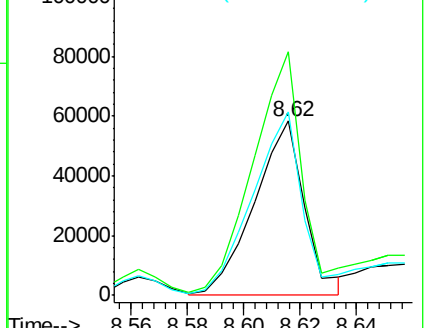
56 105.7 91.9 131.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.401 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

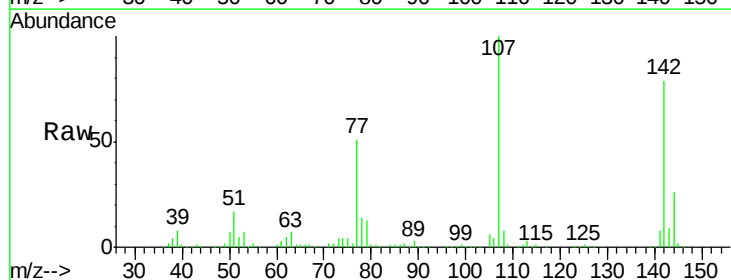
Tgt Ion:107 Resp: 337417

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

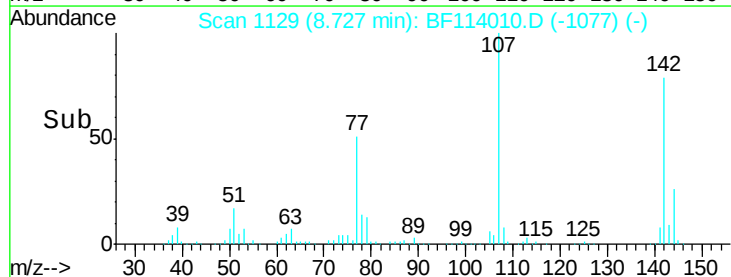
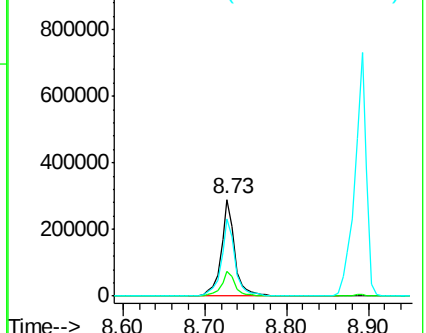
142 79.4 64.2 96.4

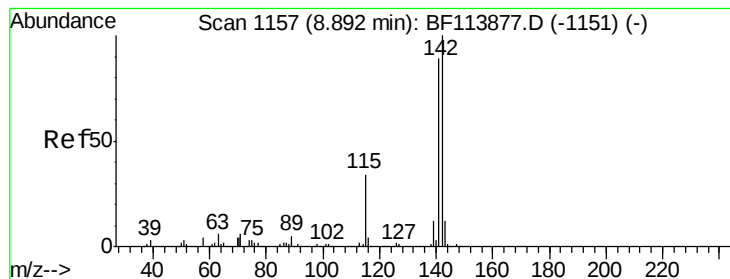


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.113 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

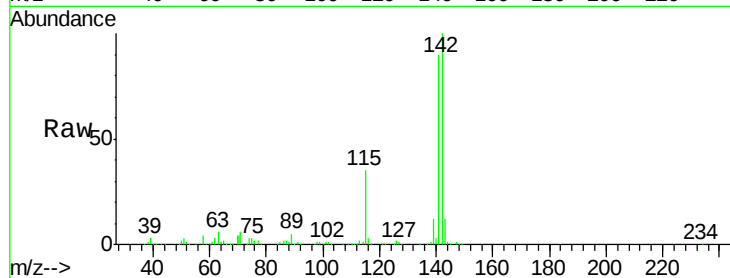
Tot Ion:142 Resp: 729600

Ion Ratio Lower Upper

142 100

141 90.2 70.4 105.6

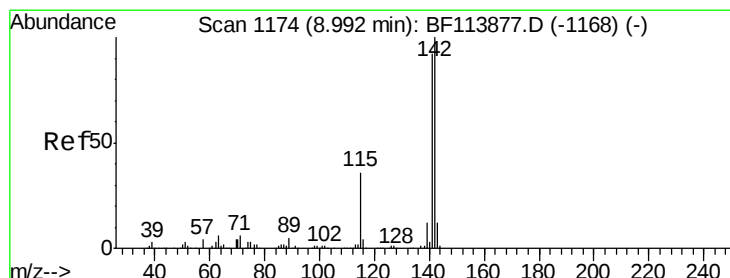
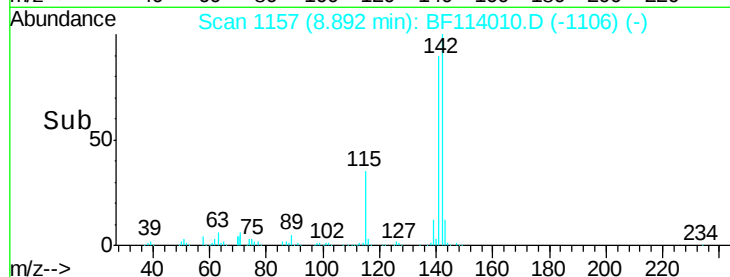
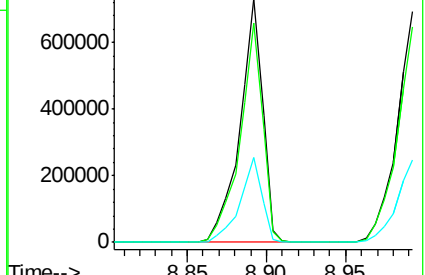
115 34.9 26.3 39.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.391 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

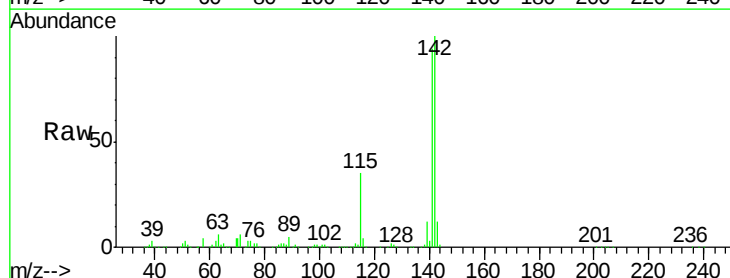
Tgt Ion:142 Resp: 692126

Ion Ratio Lower Upper

142 100

141 93.5 72.3 108.5

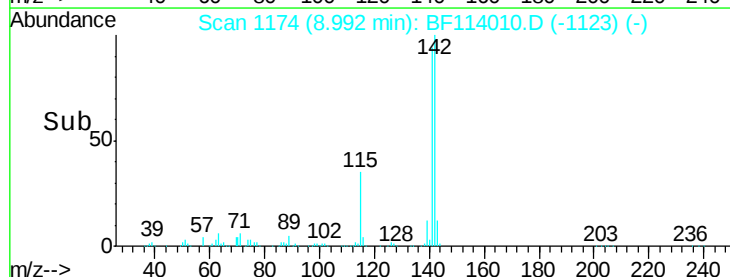
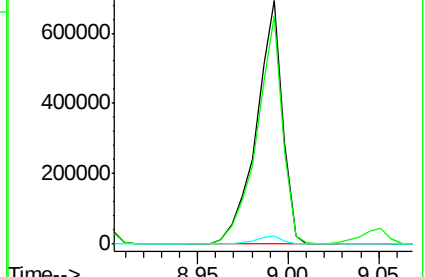
116 3.6 3.0 4.4

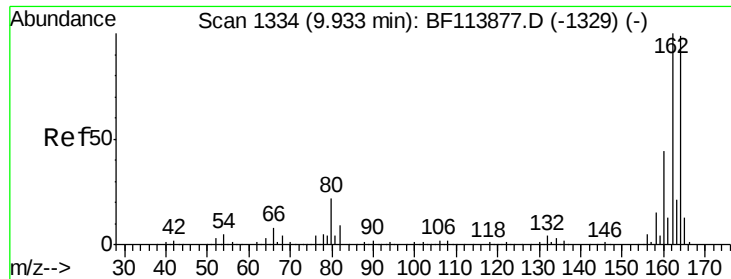


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

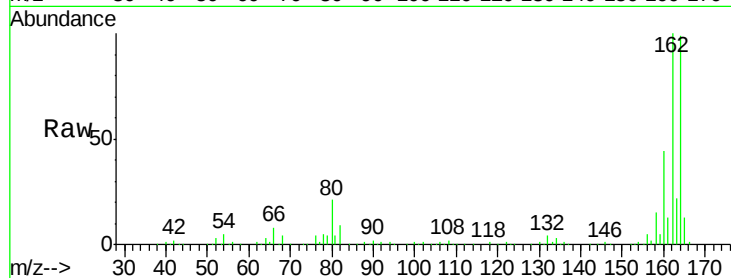
Tot Ion:164 Resp: 293284

Ion Ratio Lower Upper

164 100

162 100.7 81.1 121.7

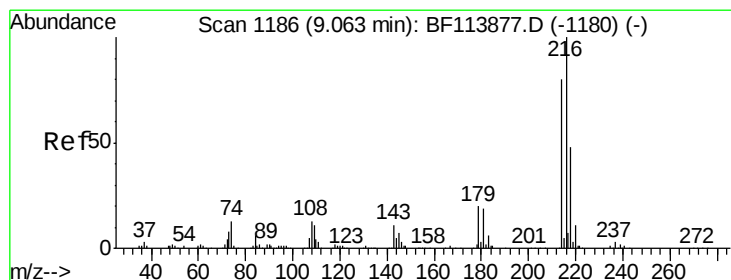
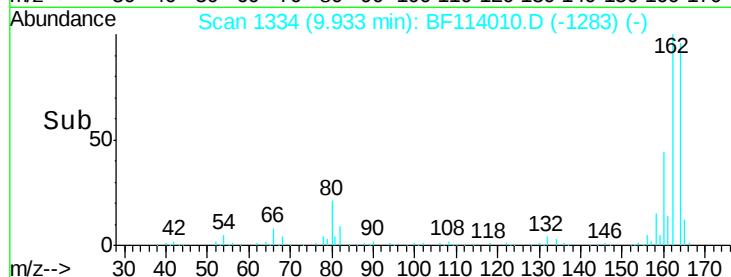
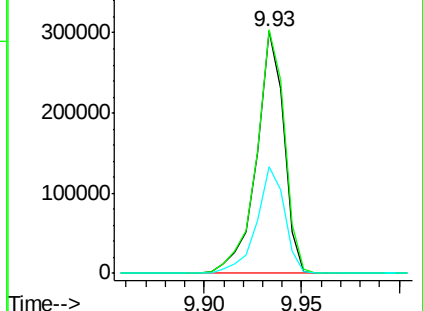
160 44.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.972 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Tgt Ion:216 Resp: 371282

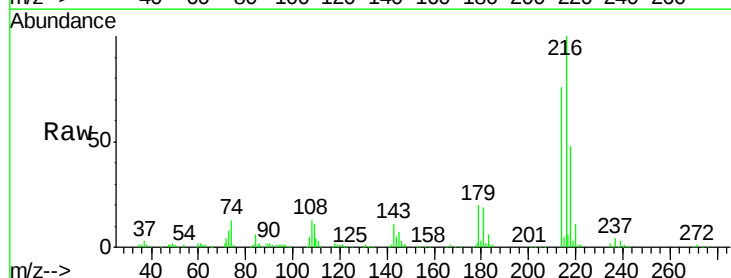
Ion Ratio Lower Upper

216 100

214 77.6 63.5 95.3

179 20.5 16.1 24.1

108 18.1 13.4 20.0

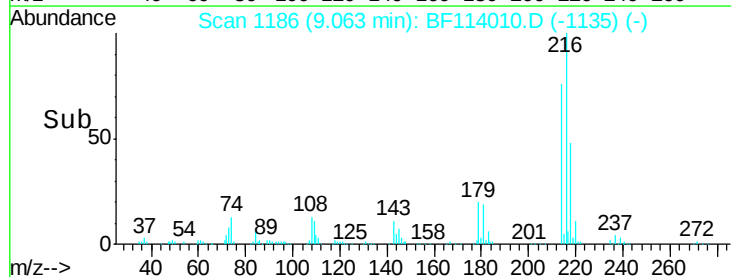
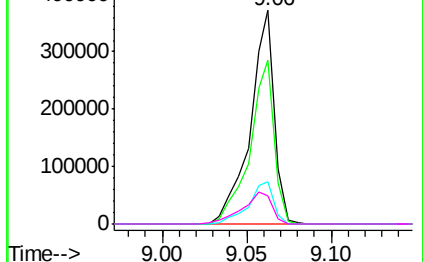


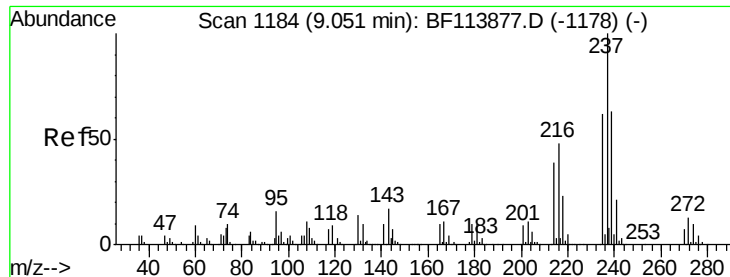
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.872 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

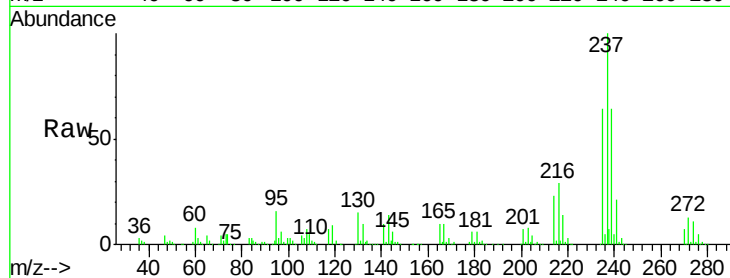
Tot Ion:237 Resp: 472137

Ion Ratio Lower Upper

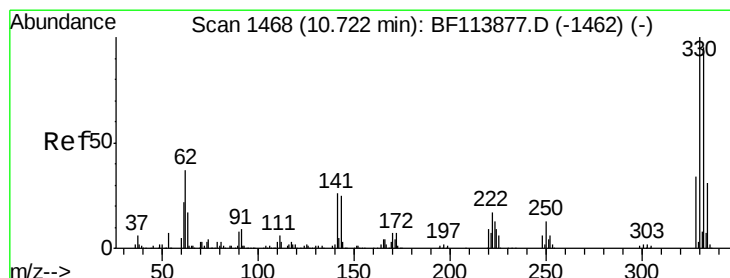
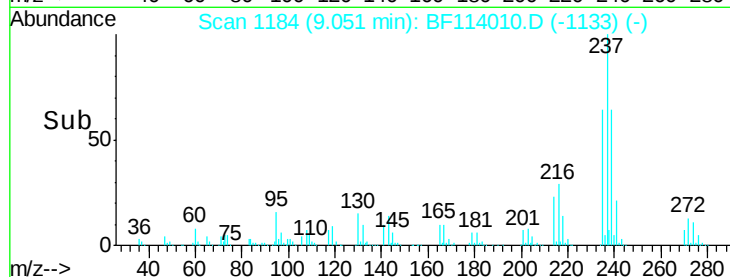
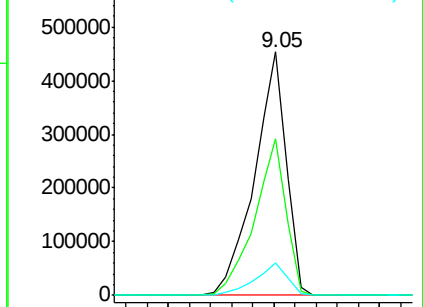
237 100

235 64.1 42.6 82.6

272 13.3 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 128.486 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

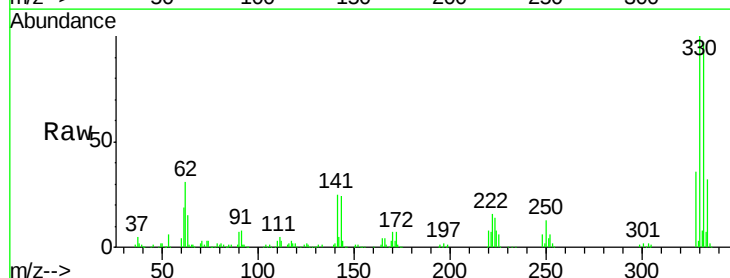
Tgt Ion:330 Resp: 459053

Ion Ratio Lower Upper

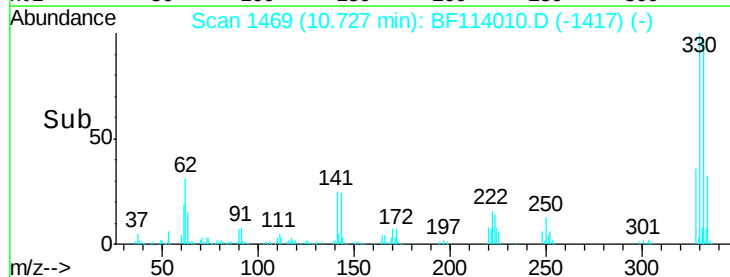
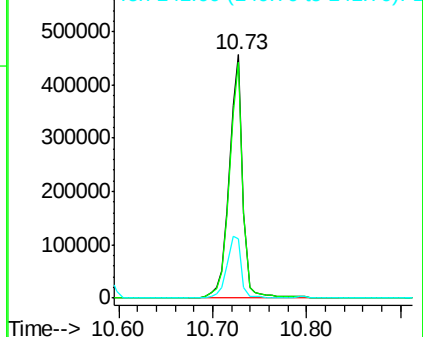
330 100

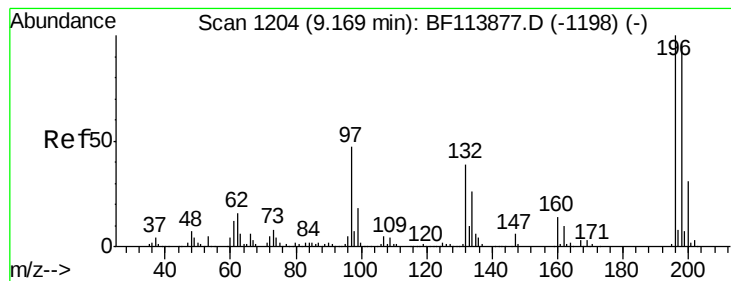
332 97.6 77.5 116.3

141 27.4 22.2 33.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.254 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampled :

PB119228BS

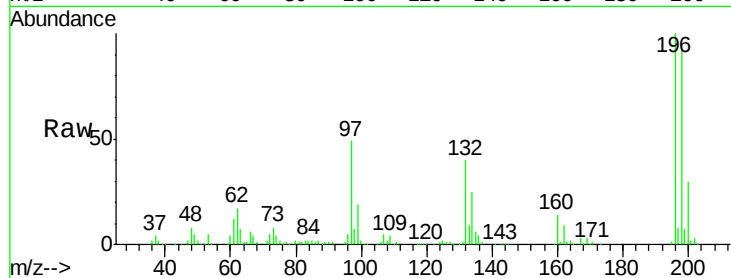
Tot Ion:196 Resp: 261665

Ion Ratio Lower Upper

196 100

198 94.3 75.6 113.4

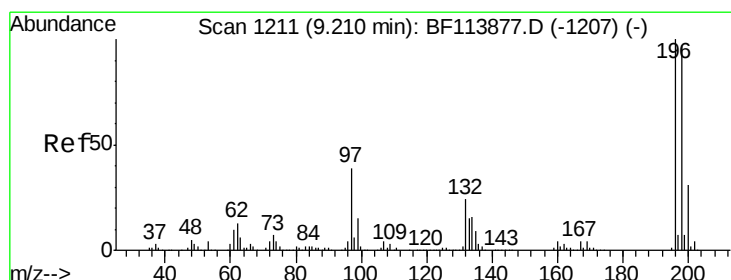
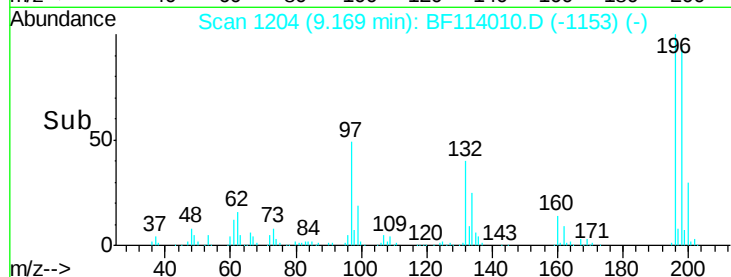
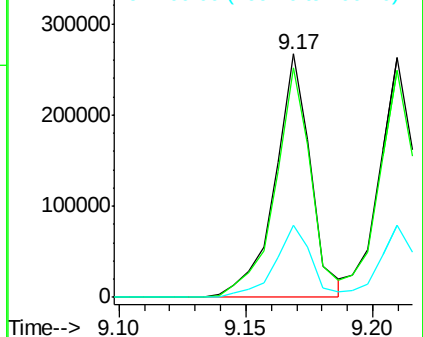
200 29.6 24.7 37.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 40.530 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Tgt Ion:196 Resp: 275015

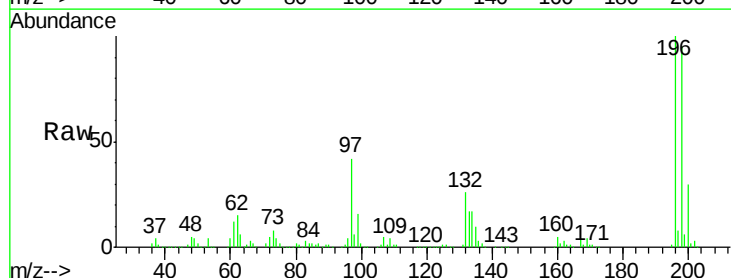
Ion Ratio Lower Upper

196 100

198 94.5 76.2 114.4

97 42.4 35.8 53.8

132 25.7 20.9 31.3

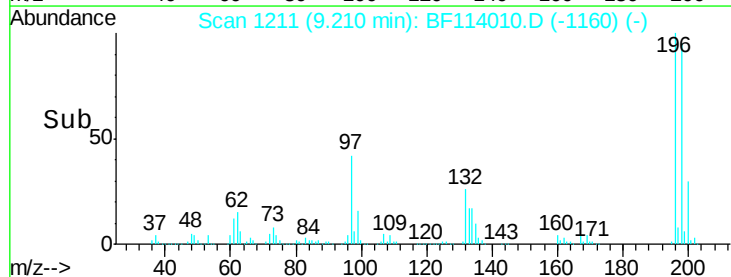
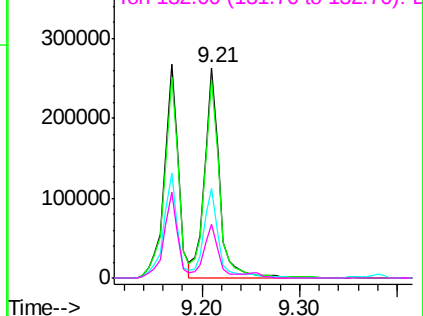


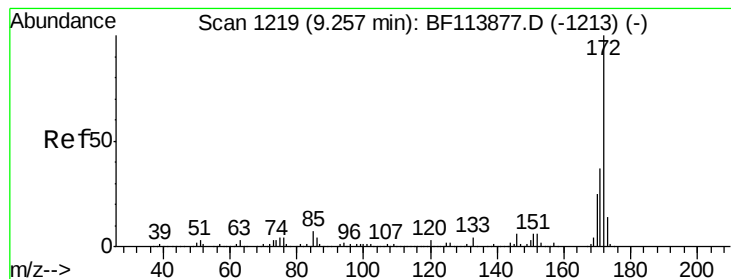
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 79.271 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

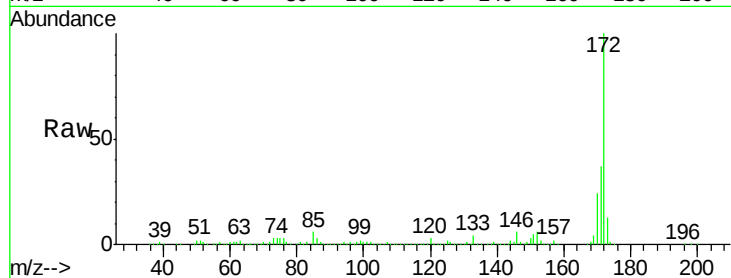
BNA_F

ClientSampleId :

PB119228BS

Tot Ion:172 Resp: 1486477

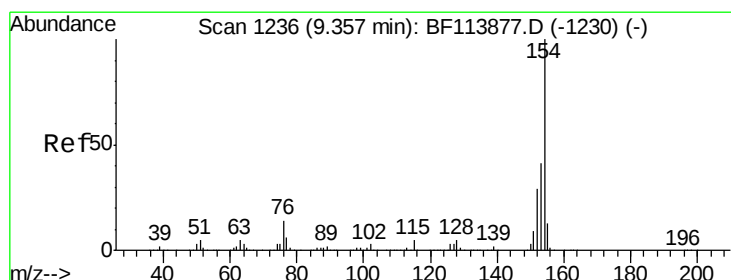
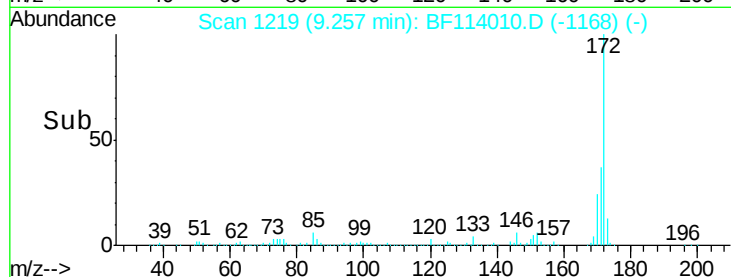
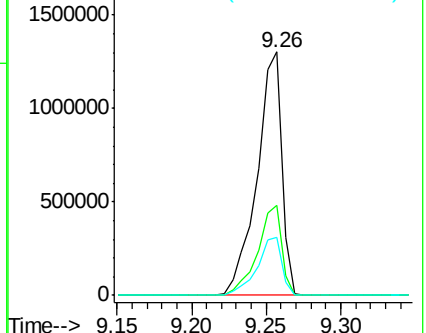
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.1	19.9	29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.541 ng

RT: 9.36 min Scan# 1236

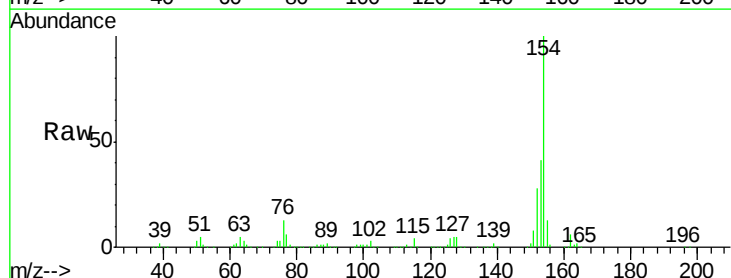
Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Tgt Ion:154 Resp: 908309

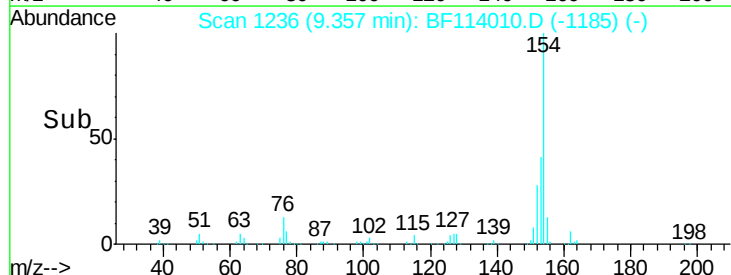
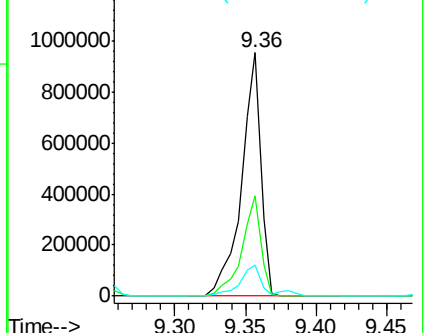
Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.8	60.8
76	12.6	0.0	35.2

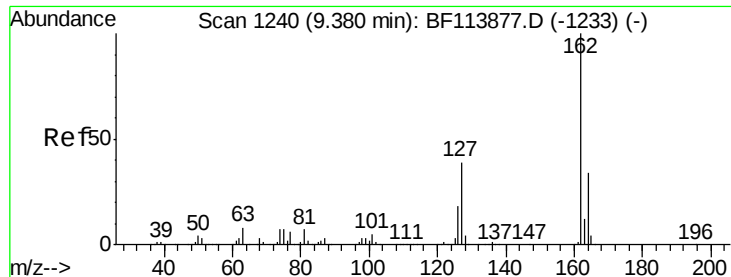


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

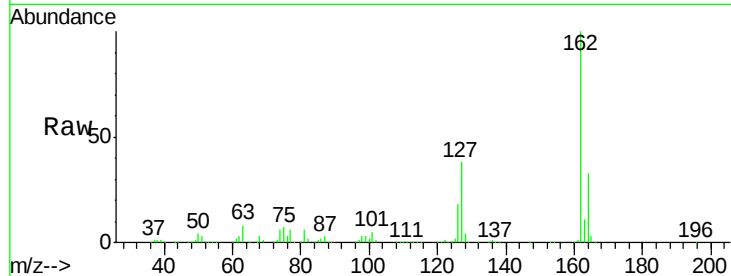




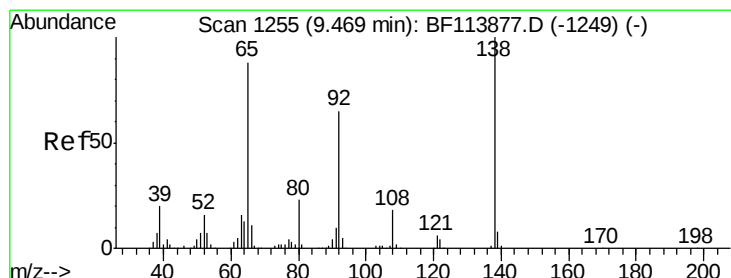
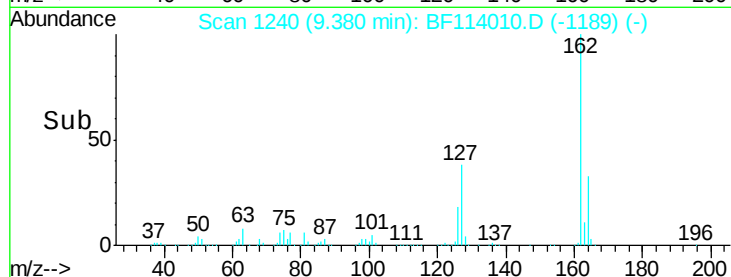
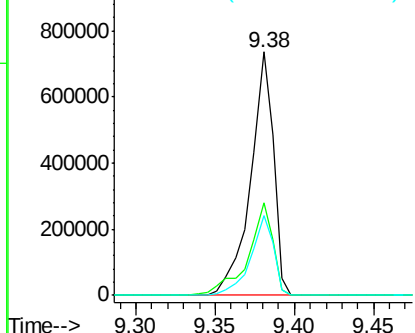
#47
 2-Chloronaphthalene
 Concen: 40.570 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF114010.D
 Acq: 26 Apr 2019 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB119228BS

Tot Ion:	162	Resp:	739187
Ion	Ratio	Lower	Upper
162	100		
127	38.2	29.3	43.9
164	32.7	27.1	40.7

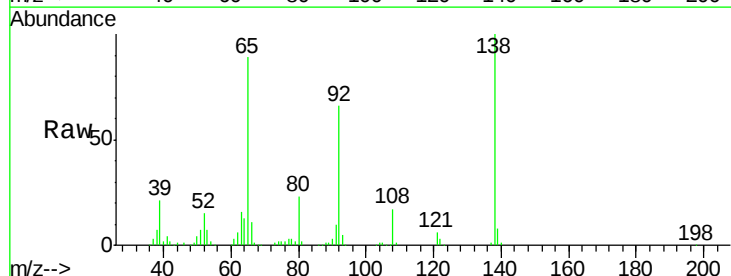


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

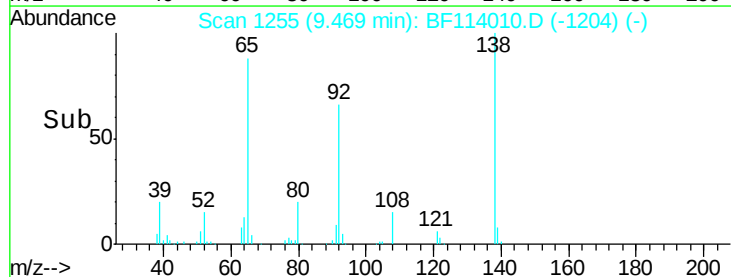
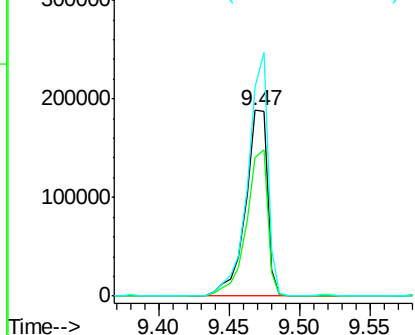


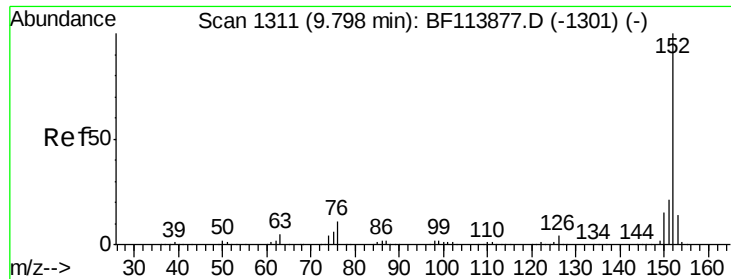
#48
 2-Nitroaniline
 Concen: 43.207 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF114010.D
 Acq: 26 Apr 2019 15:17

Tgt Ion:	65	Resp:	206368
Ion	Ratio	Lower	Upper
65	100		
92	74.6	57.4	86.0
138	112.4	85.4	128.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.885 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

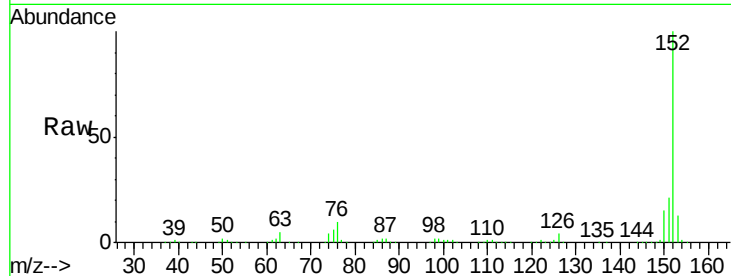
Tot Ion:152 Resp: 1137680

Ion Ratio Lower Upper

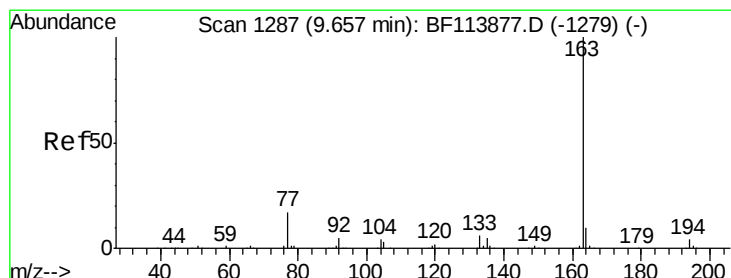
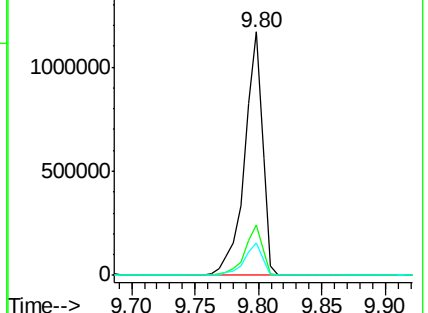
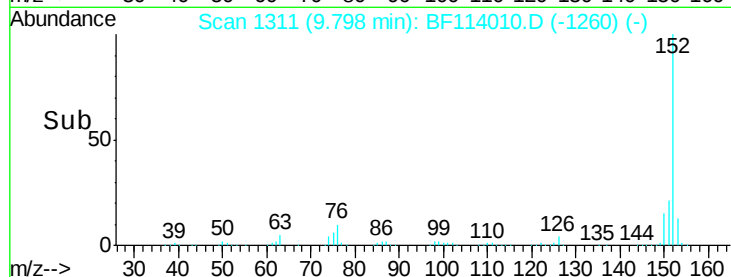
152 100

151 20.5 17.0 25.4

153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.560 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

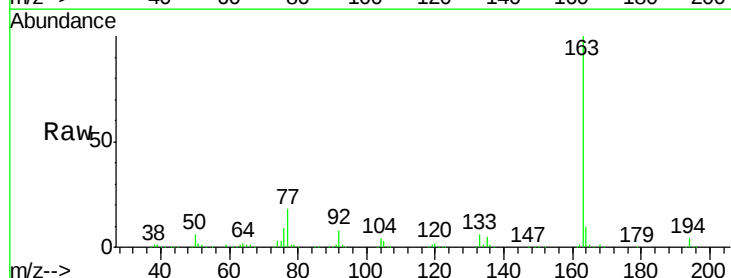
Tgt Ion:163 Resp: 860318

Ion Ratio Lower Upper

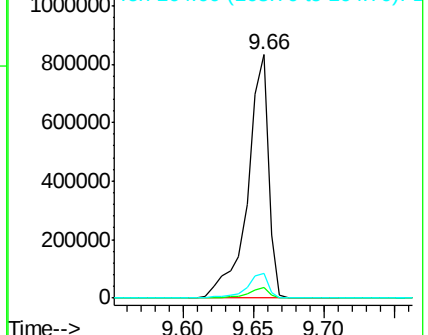
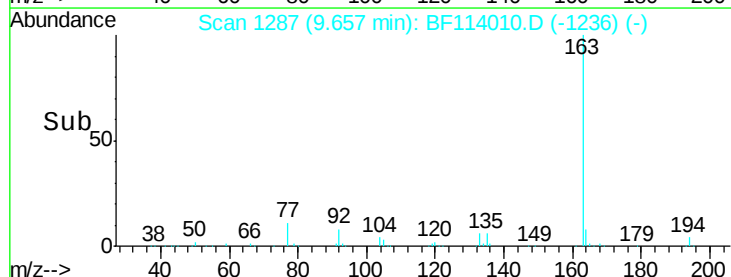
163 100

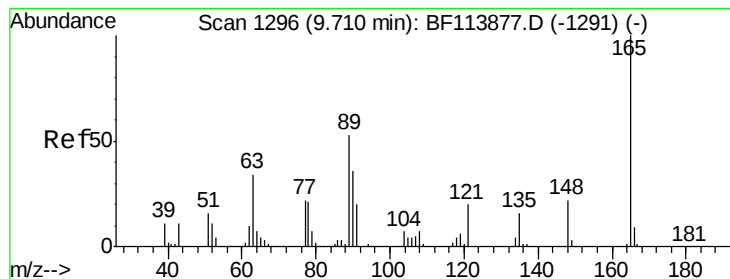
194 4.2 3.4 5.2

164 9.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.514 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

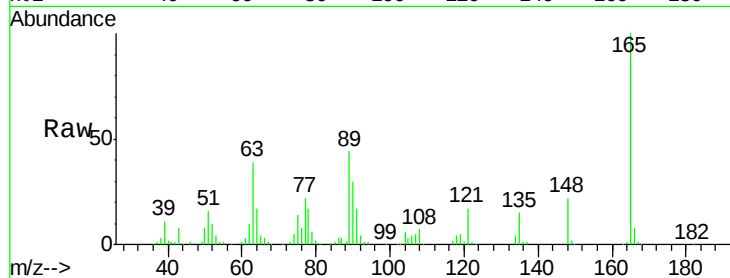
Tot Ion:165 Resp: 198011

Ion Ratio Lower Upper

165 100

63 38.9 33.8 50.8

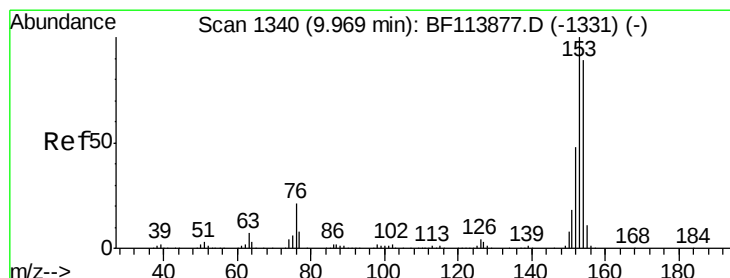
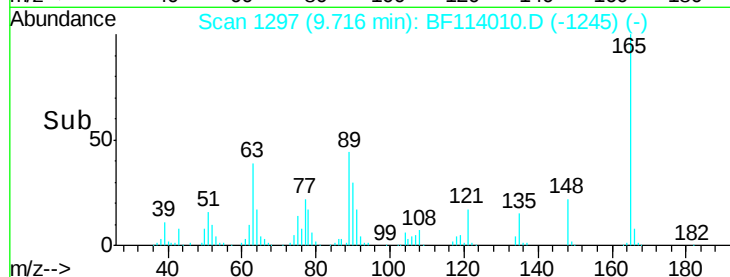
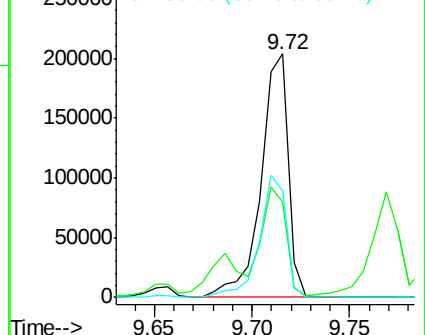
89 43.7 38.2 57.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.811 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

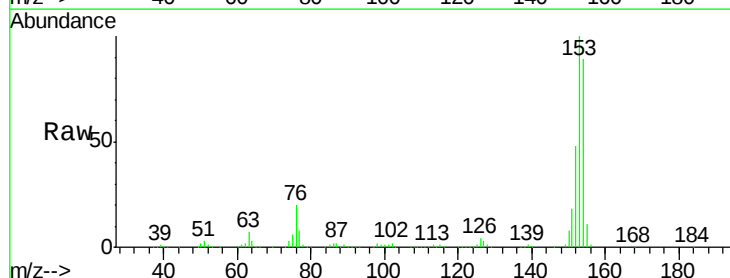
Tgt Ion:154 Resp: 755375

Ion Ratio Lower Upper

154 100

153 112.1 87.2 130.8

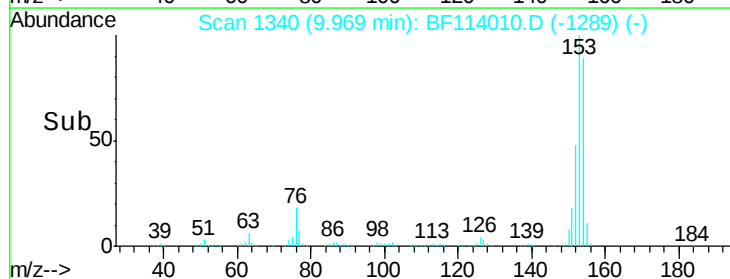
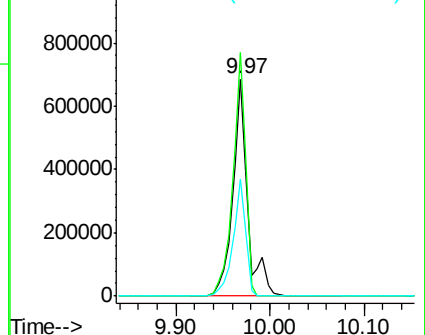
152 53.7 42.3 63.5

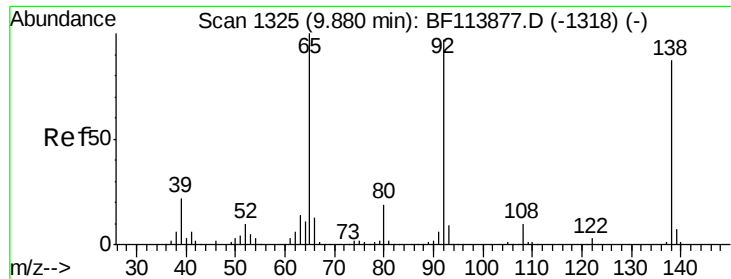


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

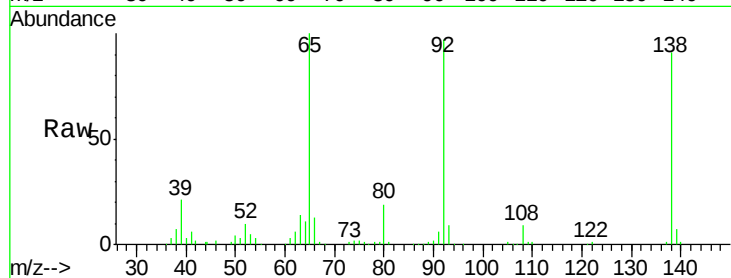




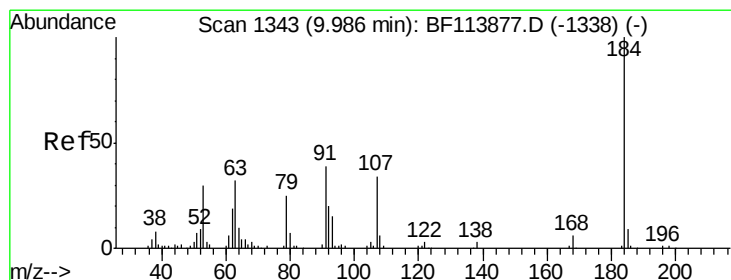
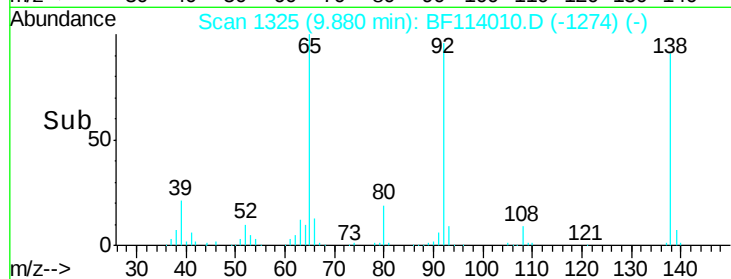
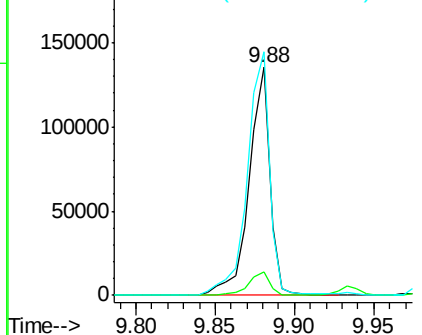
#53
3-Nitroaniline
Concen: 25.789 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Instrument :
BNA_F
ClientSampleId :
PB119228BS

Tot Ion:138 Resp: 123315
Ion Ratio Lower Upper
138 100
108 10.1 9.4 14.2
92 106.9 94.1 141.1

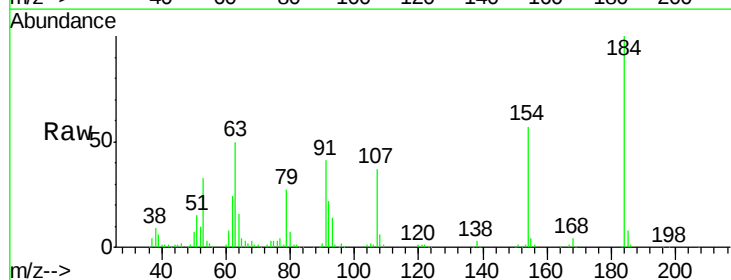


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

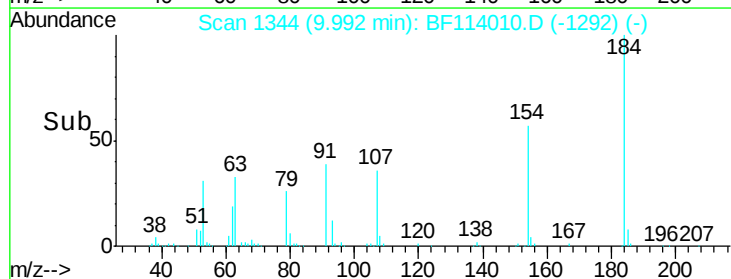
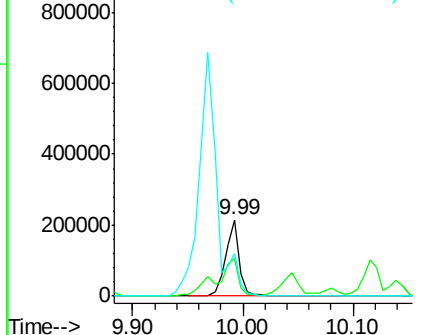


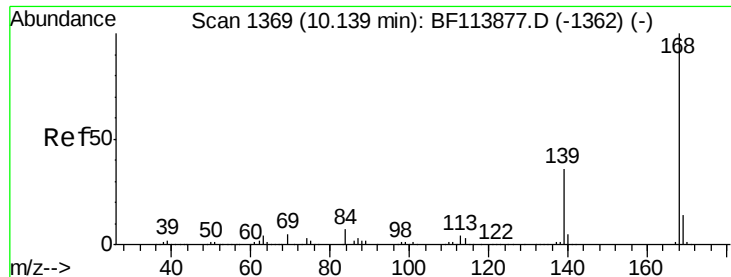
#54
2,4-Dinitrophenol
Concen: 94.317 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Tgt Ion:184 Resp: 188962
Ion Ratio Lower Upper
184 100
63 49.6 54.6 81.8#
154 56.7 218.6 328.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.120 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

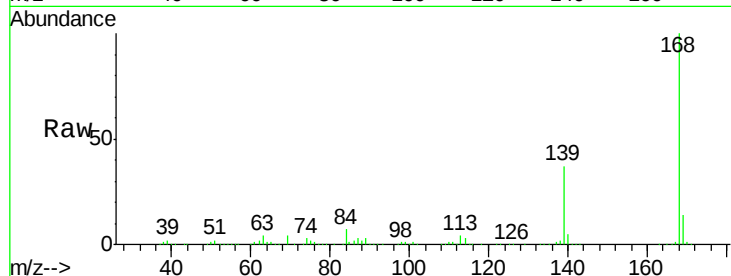
Tot Ion:168 Resp: 1038291

Ion Ratio Lower Upper

168 100

139 36.9 27.8 41.6

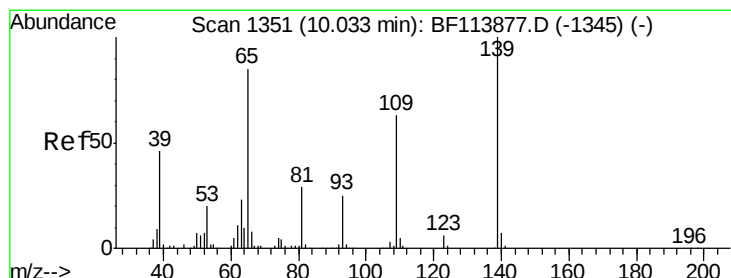
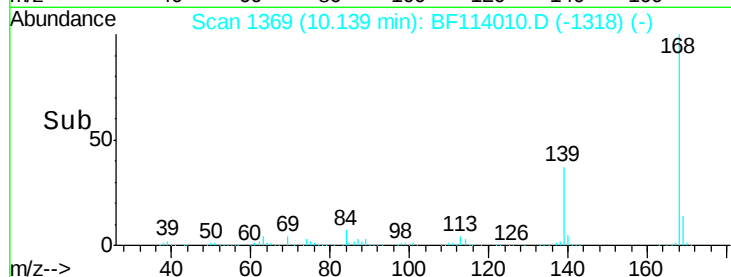
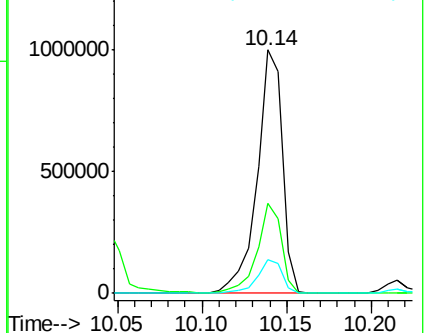
169 13.9 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.552 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

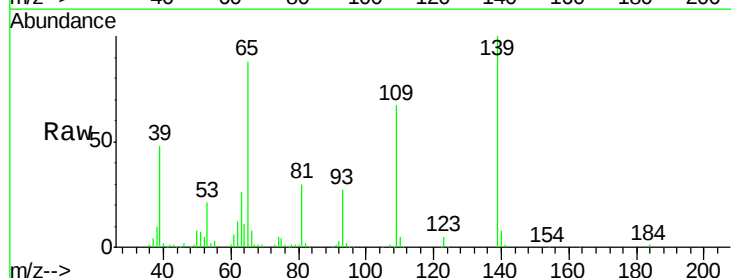
Tgt Ion:139 Resp: 308764

Ion Ratio Lower Upper

139 100

109 66.7 42.9 82.9

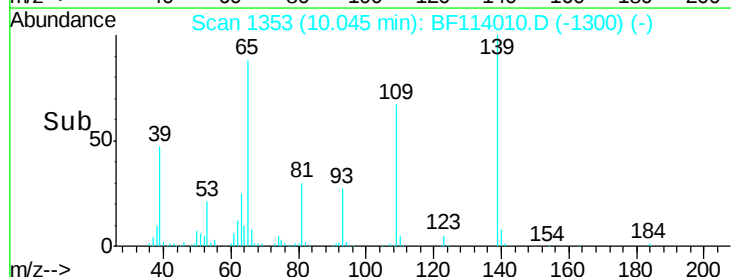
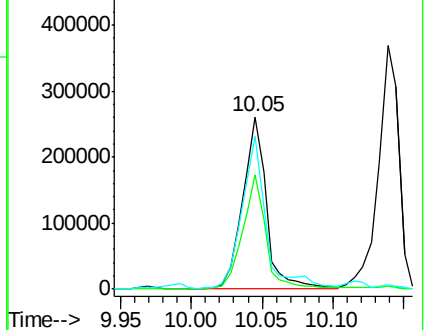
65 88.4 64.4 104.4

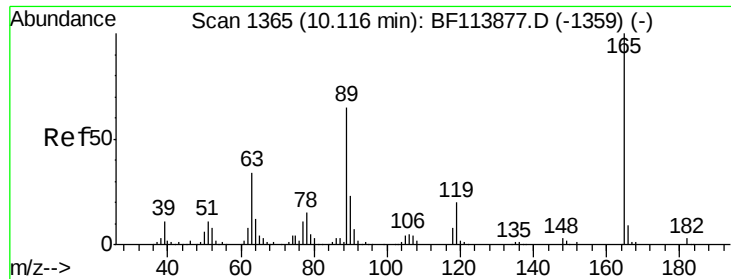


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

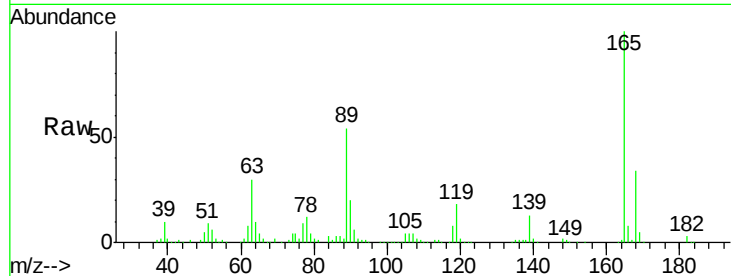




#57
2,4-Dinitrotoluene
Concen: 46.520 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Instrument :
BNA_F
ClientSampleId :
PB119228BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	30.1	27.4	41.0
89	54.2	51.8	77.6
182	2.8	2.2	3.2

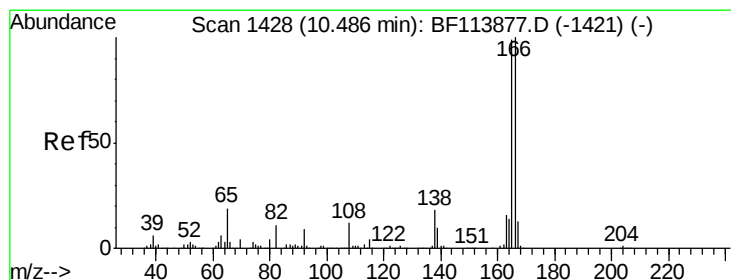
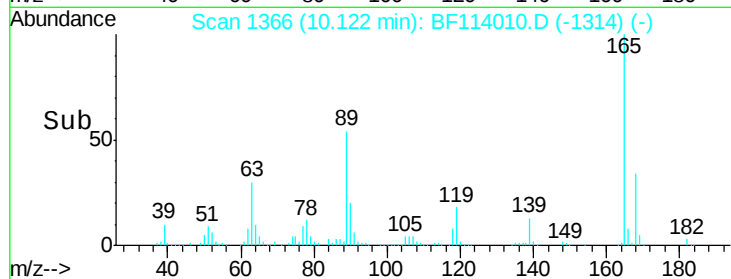
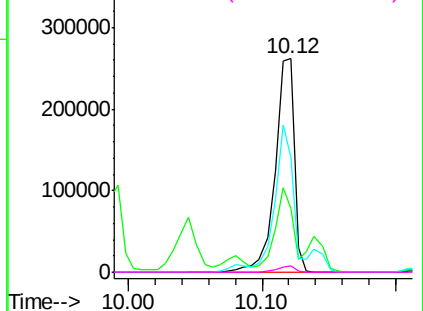


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

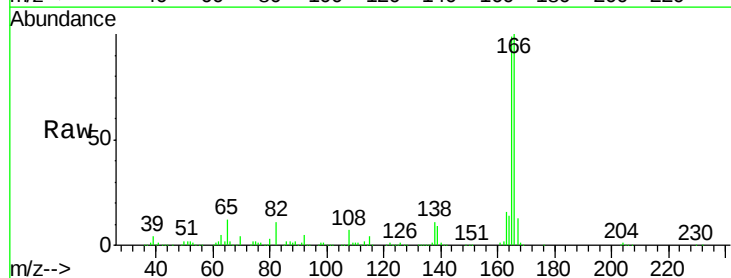
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.784 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

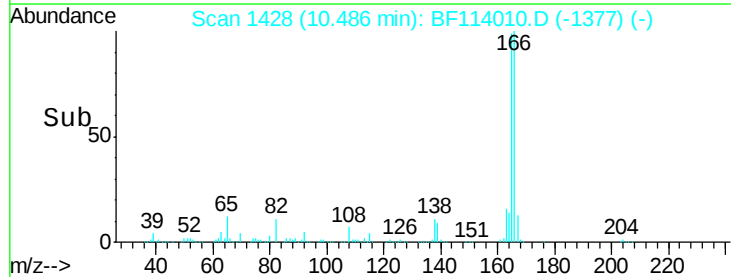
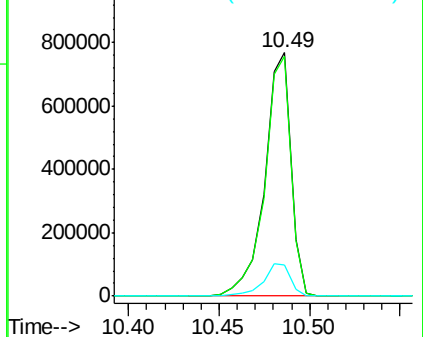
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.4	117.6
167	13.0	10.9	16.3

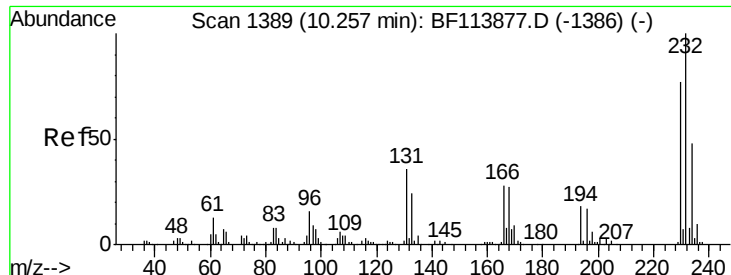


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

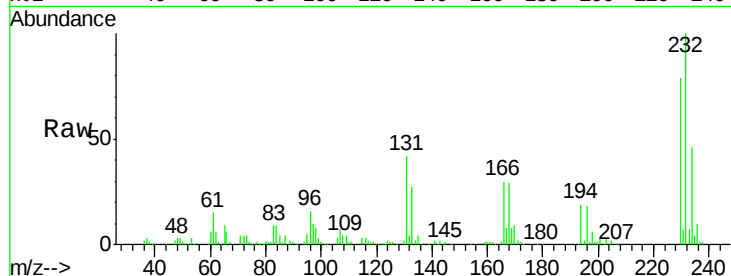




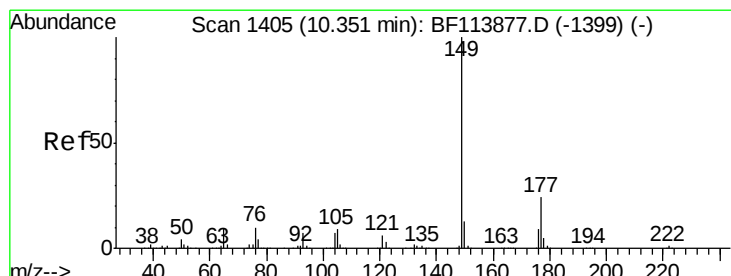
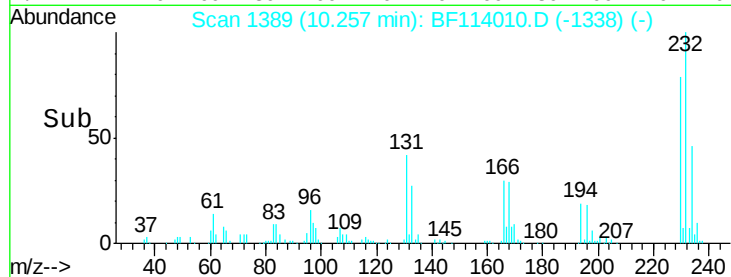
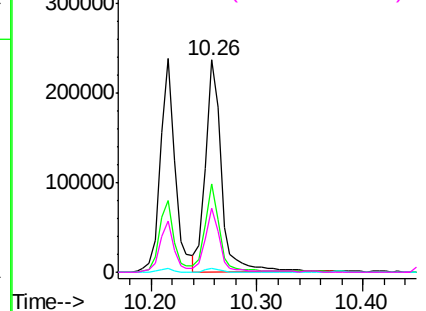
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.847 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF114010.D
 Acq: 26 Apr 2019 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB119228BS

Tot Ion:	232	Resp:	243566
Ion	Ratio	Lower	Upper
232	100		
131	40.0	30.2	45.2
130	1.7	1.5	2.3
166	26.9	22.2	33.4

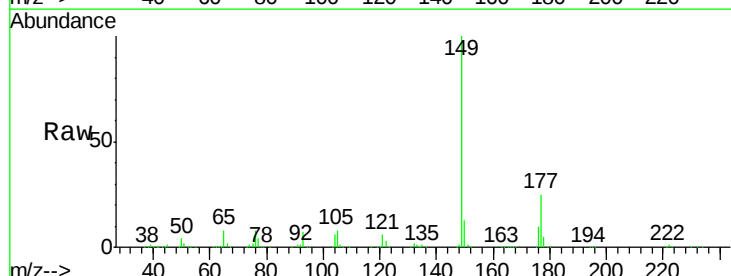


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

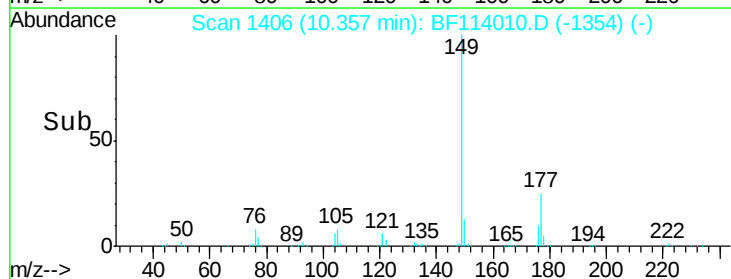
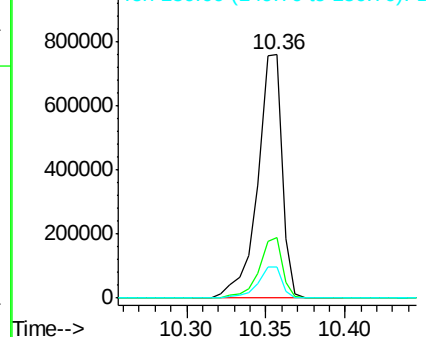


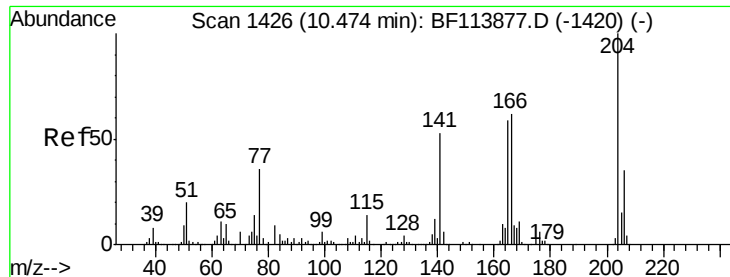
#60
 Diethylphthalate
 Concen: 40.744 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF114010.D
 Acq: 26 Apr 2019 15:17

Tgt Ion:	149	Resp:	820677
Ion	Ratio	Lower	Upper
149	100		
177	24.9	19.2	28.8
150	12.5	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

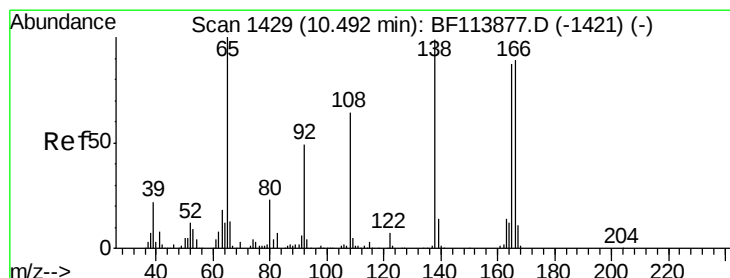
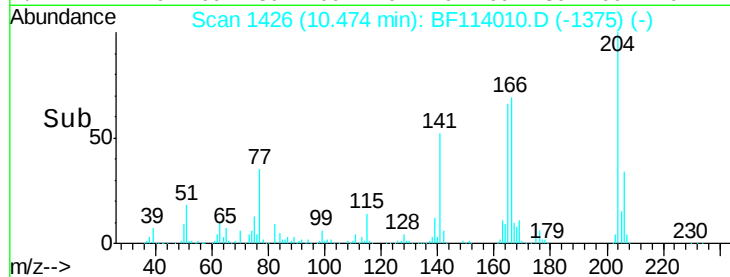
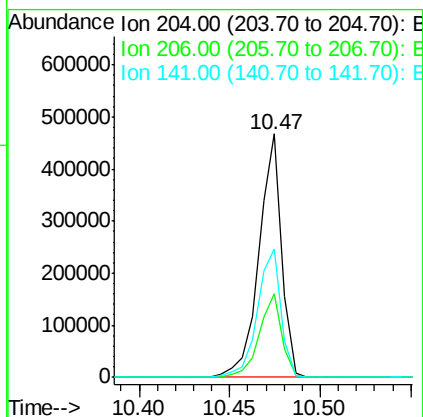
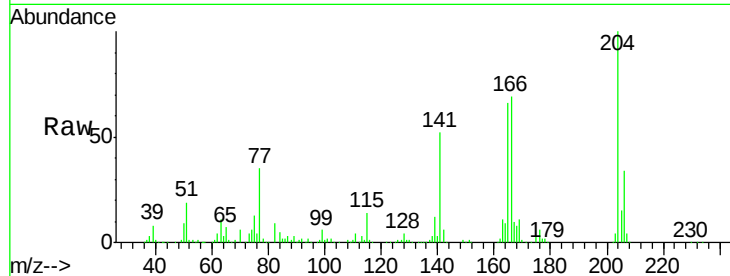




#61
4-Chlorophenyl-phenylether
Concen: 40.251 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

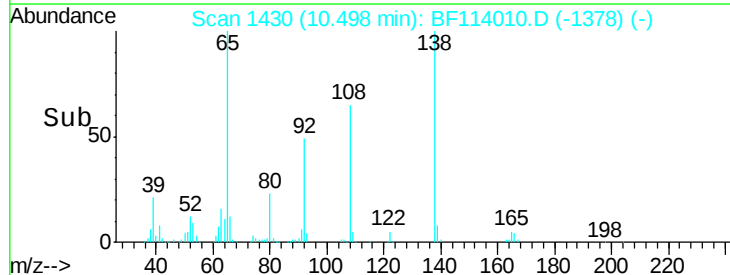
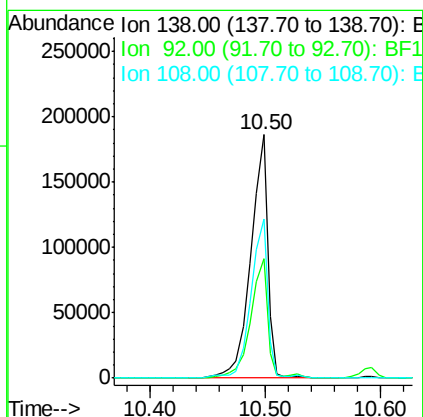
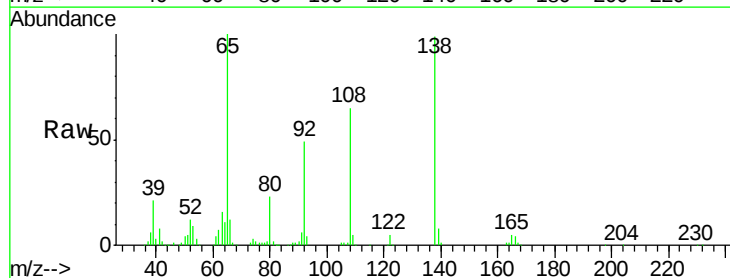
Instrument :
BNA_F
ClientSampleId :
PB119228BS

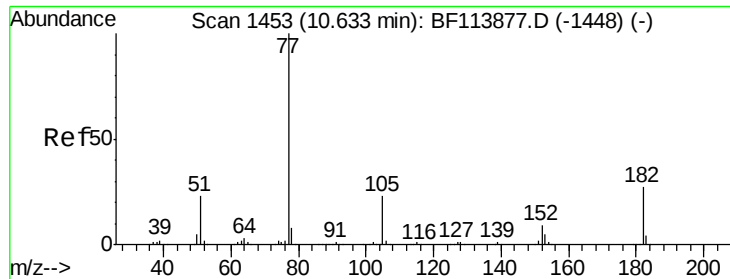
Tot Ion:204 Resp: 405239
Ion Ratio Lower Upper
204 100
206 34.2 27.4 41.2
141 52.5 42.6 63.8



#62
4-Nitroaniline
Concen: 41.056 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Tgt Ion:138 Resp: 191582
Ion Ratio Lower Upper
138 100
92 49.1 31.3 71.3
108 65.3 48.9 88.9





#63

Azobenzene

Concen: 39.526 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

Tot Ion: 77 Resp: 771608

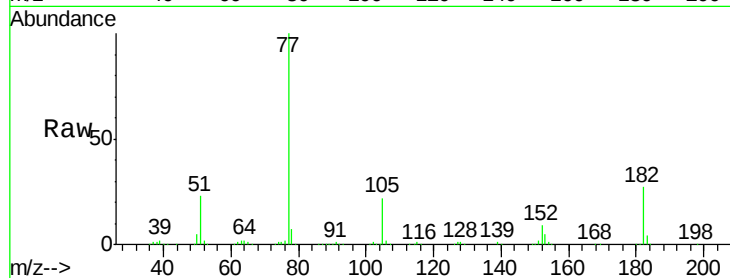
Ion Ratio Lower Upper

77 100

182 27.4 4.4 44.4

105 22.3 2.2 42.2

51 23.5 3.9 43.9

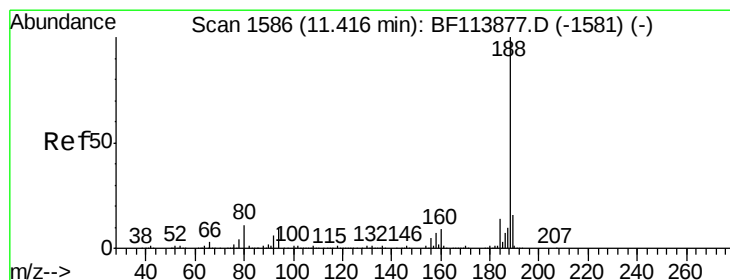
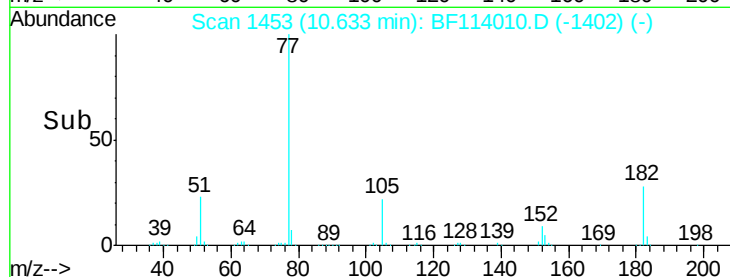
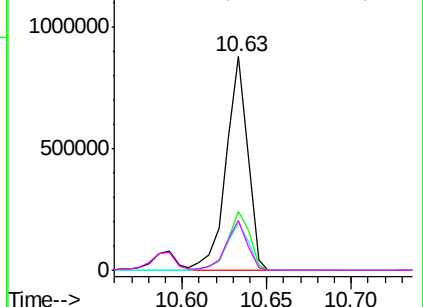


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

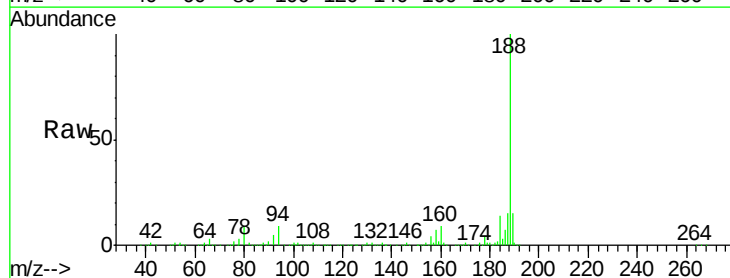
Tgt Ion: 188 Resp: 586060

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.4

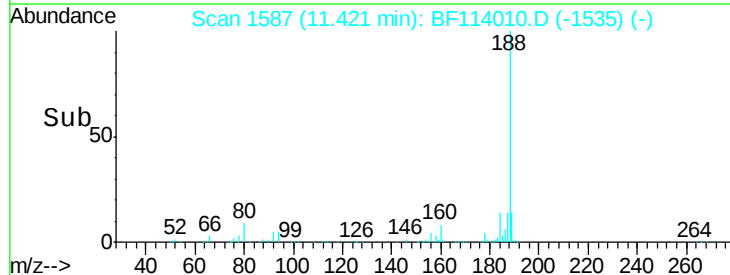
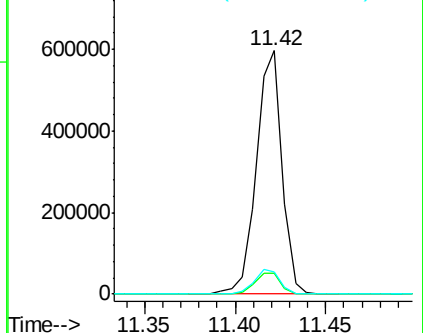
80 9.3 9.0 13.6

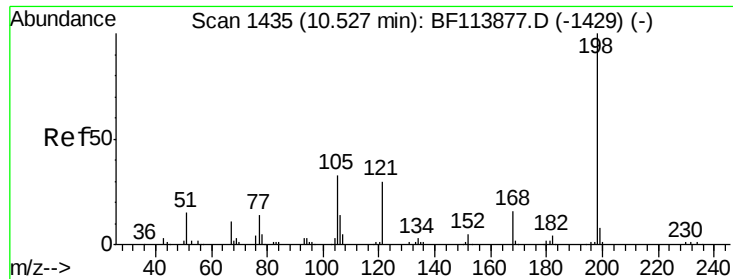


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 44.319 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

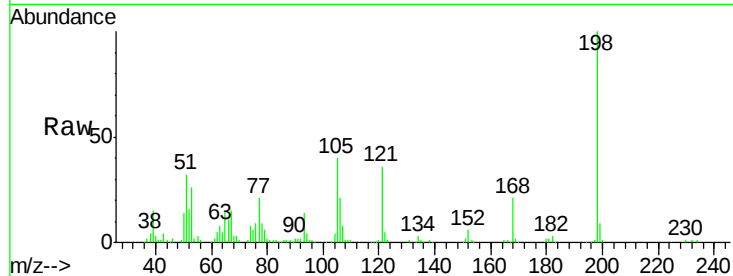
Tot Ion:198 Resp: 117273

Ion Ratio Lower Upper

198 100

51 32.2 11.1 51.1

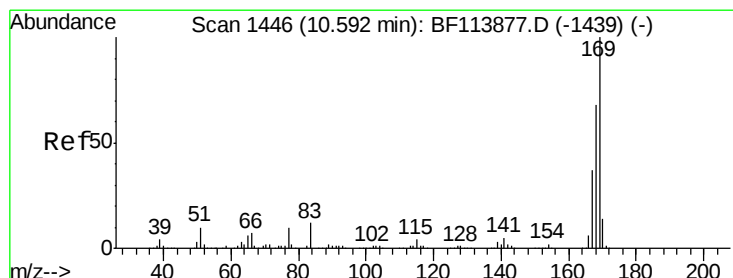
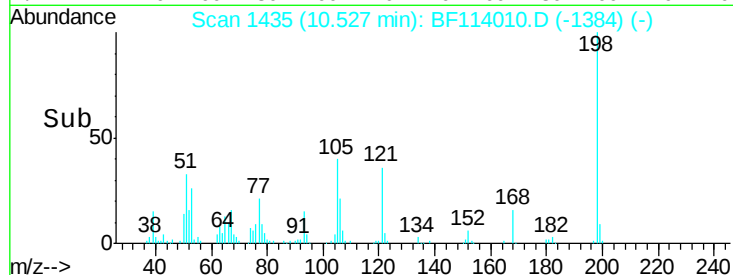
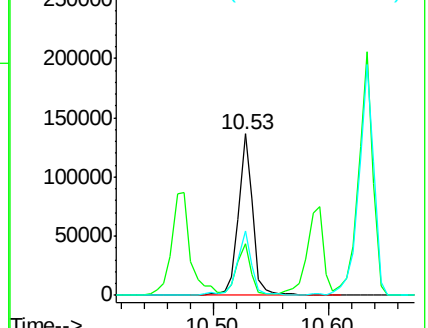
105 39.6 20.7 60.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.209 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

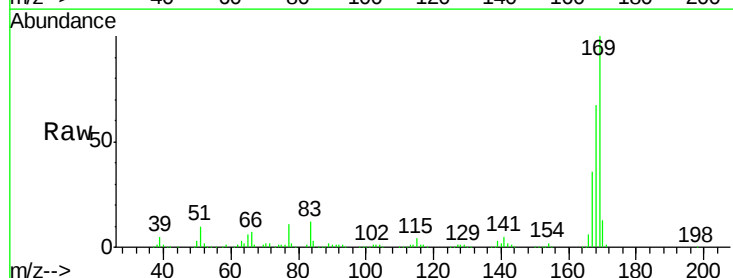
Tgt Ion:169 Resp: 707071

Ion Ratio Lower Upper

169 100

168 67.3 54.3 81.5

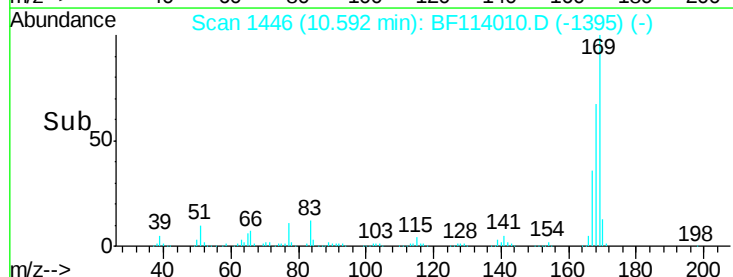
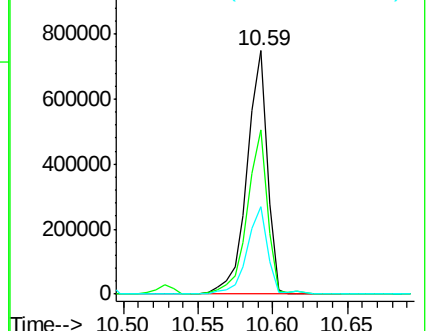
167 36.1 29.4 44.0

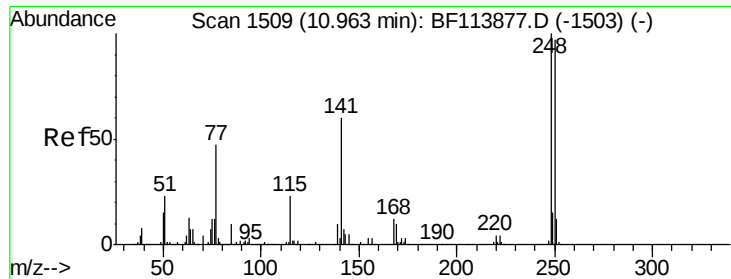


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

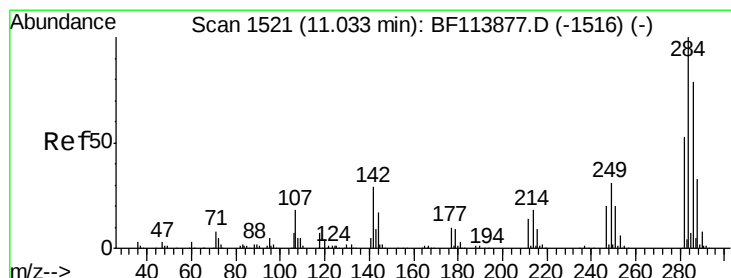
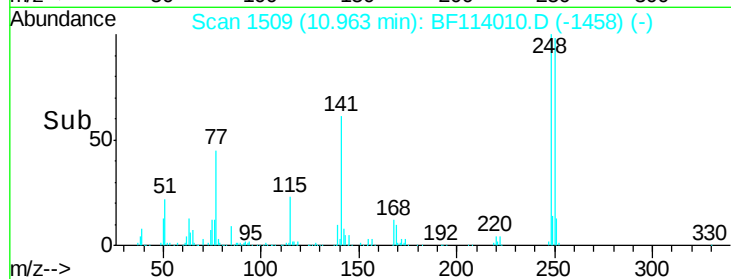
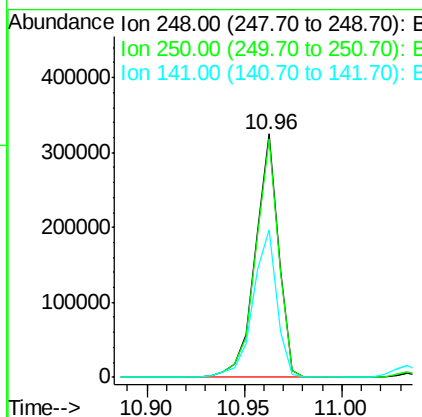
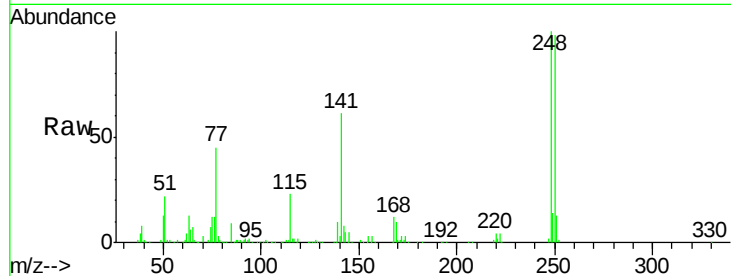




#67
4-Bromophenyl-phenylether
Concen: 37.761 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

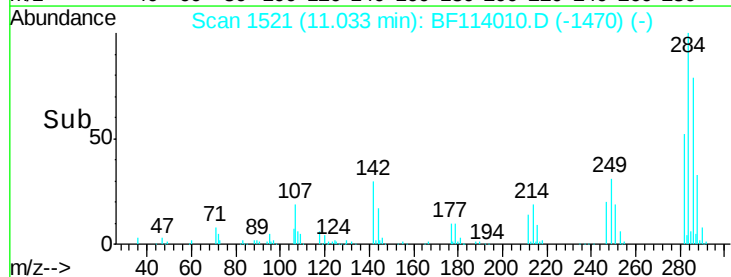
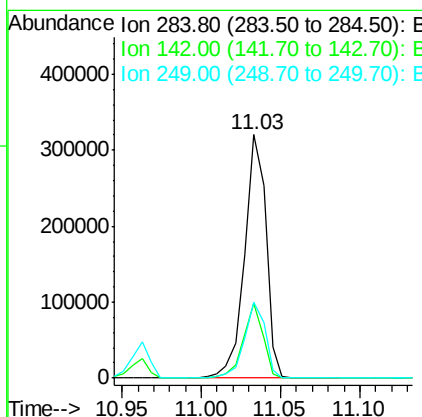
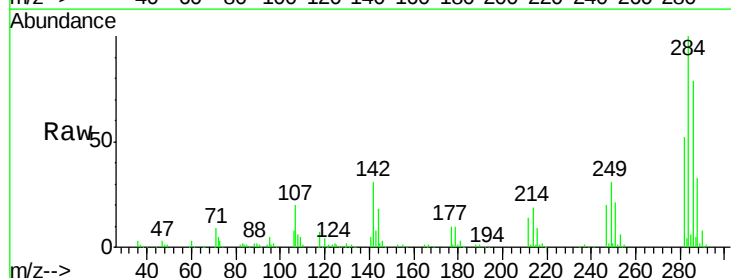
Instrument :
BNA_F
ClientSampleId :
PB119228BS

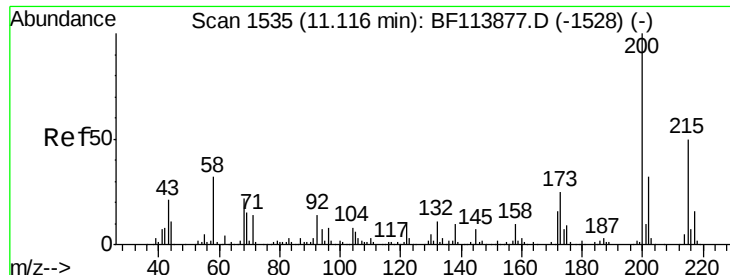
Tot Ion:248 Resp: 267339
Ion Ratio Lower Upper
248 100
250 98.1 75.8 113.6
141 60.5 50.2 75.4



#68
Hexachlorobenzene
Concen: 38.553 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Tgt Ion:284 Resp: 299946
Ion Ratio Lower Upper
284 100
142 30.9 23.0 34.4
249 31.4 24.4 36.6

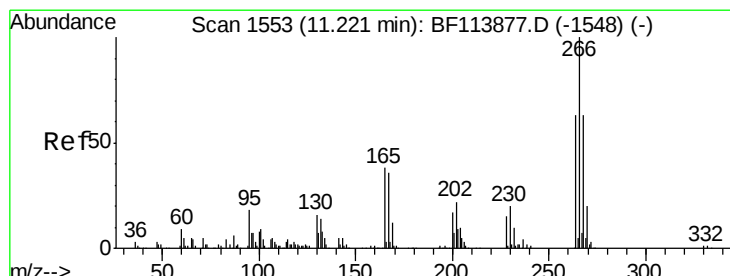
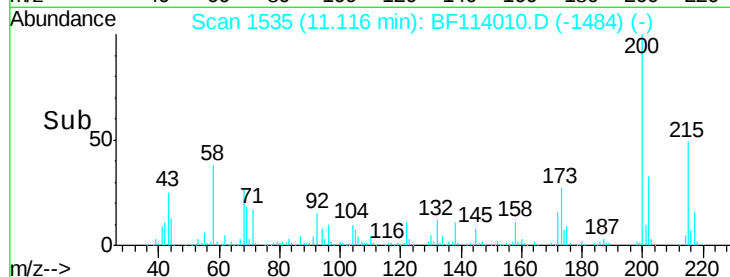
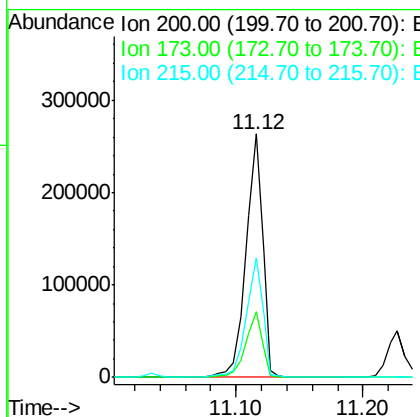
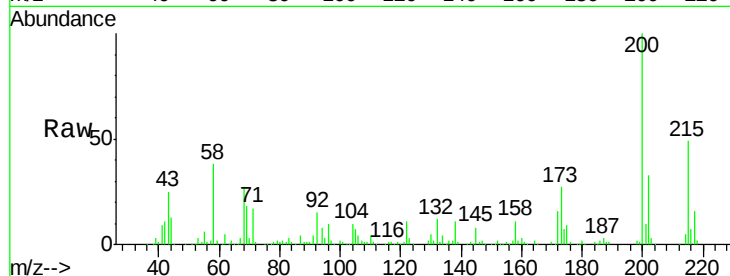




#69
 Atrazine
 Concen: 42.158 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF114010.D
 Acq: 26 Apr 2019 15:17

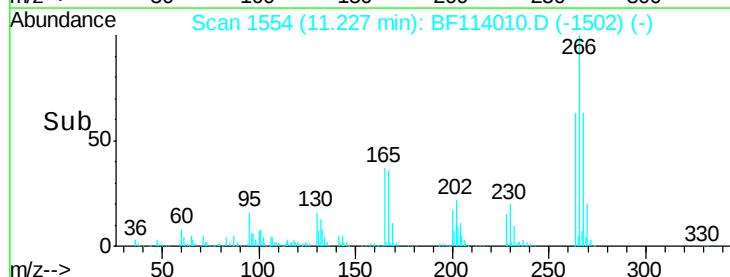
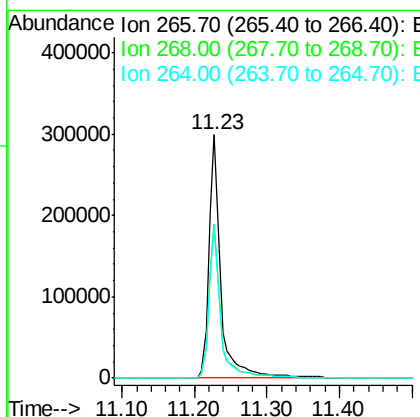
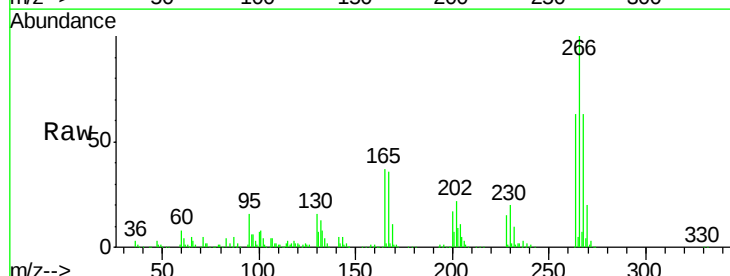
Instrument :
 BNA_F
 ClientSampleId :
 PB119228BS

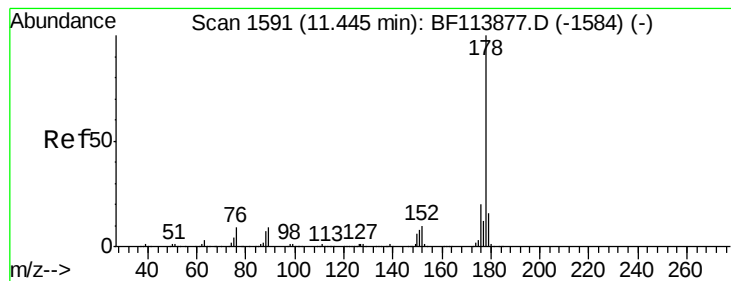
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	5.9	45.9
215	49.1	29.3	69.3



#70
 Pentachlorophenol
 Concen: 77.108 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF114010.D
 Acq: 26 Apr 2019 15:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	53.5	80.3
264	63.3	51.0	76.6





#71

Phenanthrene

Concen: 40.524 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

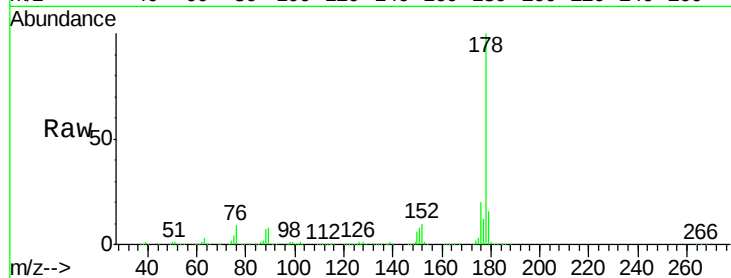
Tot Ion:178 Resp: 1193555

Ion Ratio Lower Upper

178 100

176 19.8 16.1 24.1

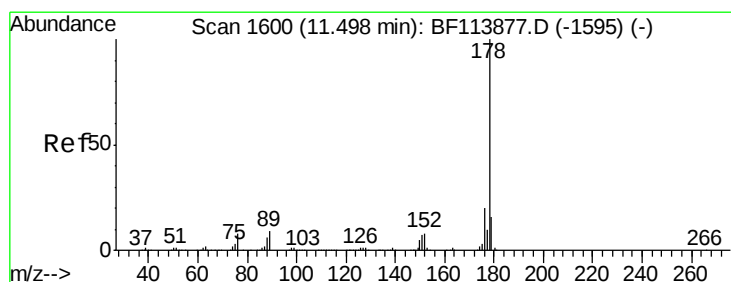
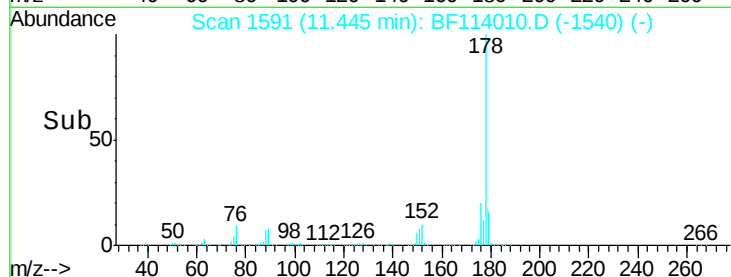
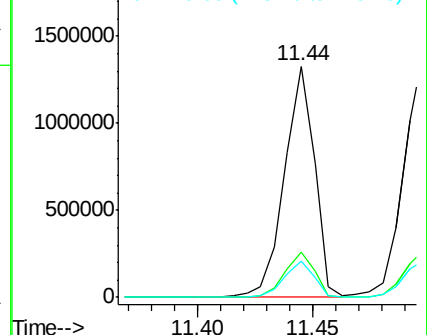
179 15.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.700 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

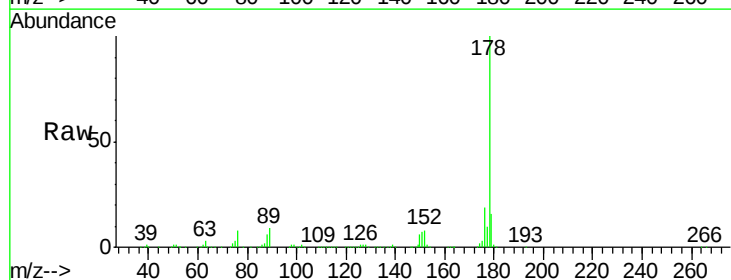
Tgt Ion:178 Resp: 1240252

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

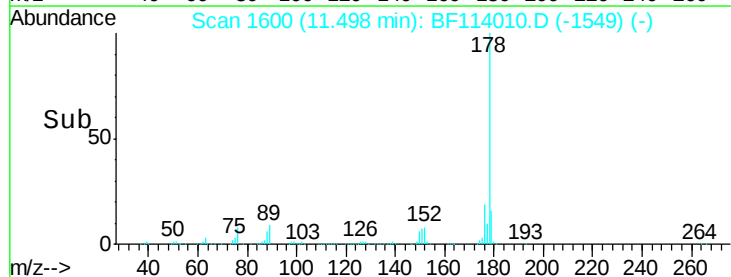
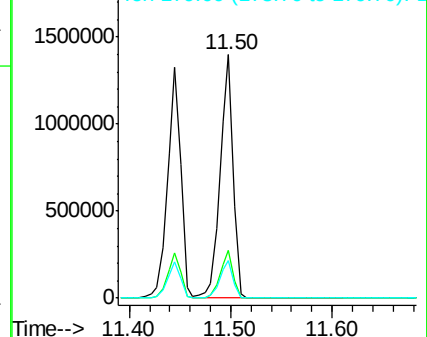
179 15.5 13.0 19.4

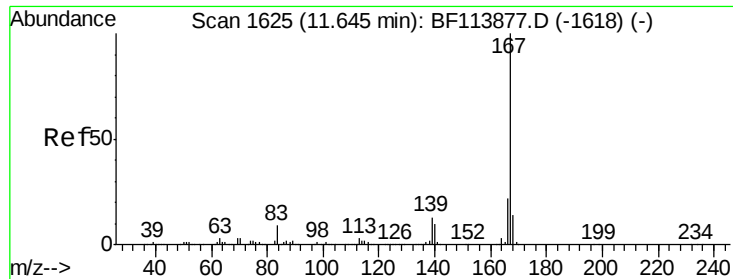


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

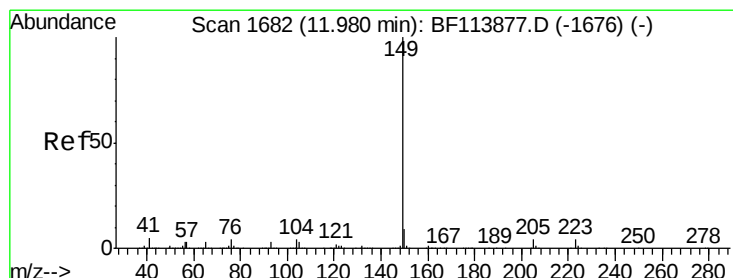
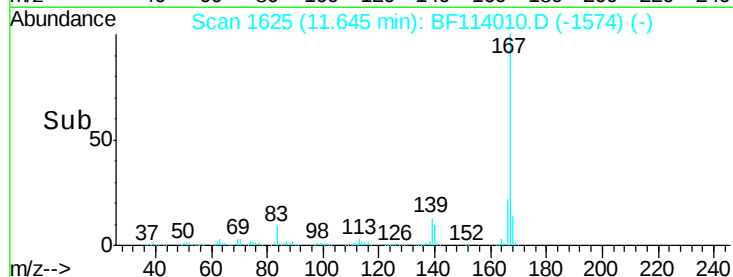
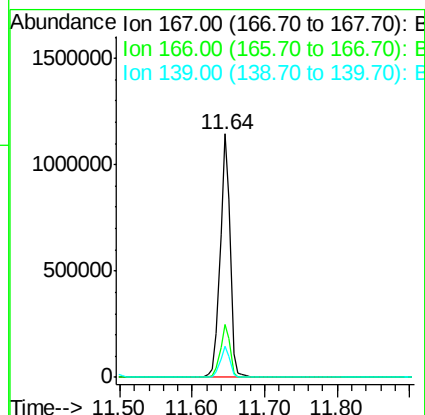
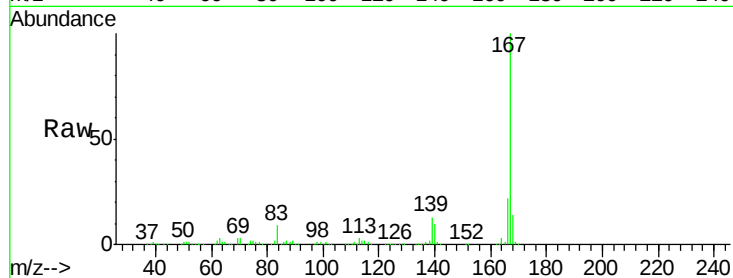




#73
 Carbazole
 Concen: 40.953 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF114010.D
 Acq: 26 Apr 2019 15:17

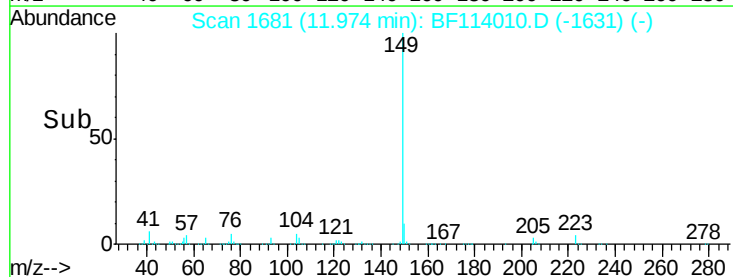
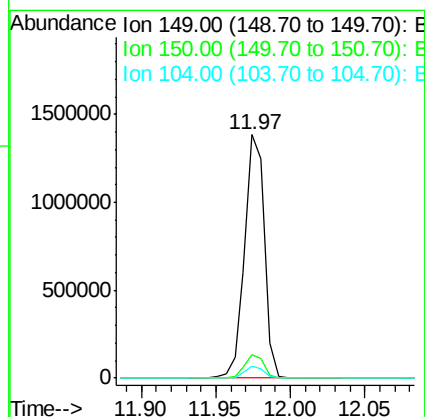
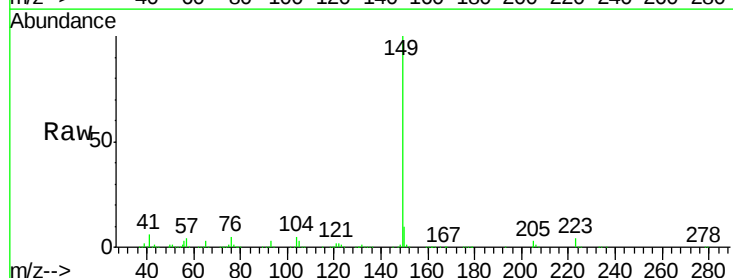
Instrument :
 BNA_F
 ClientSampleId :
 PB119228BS

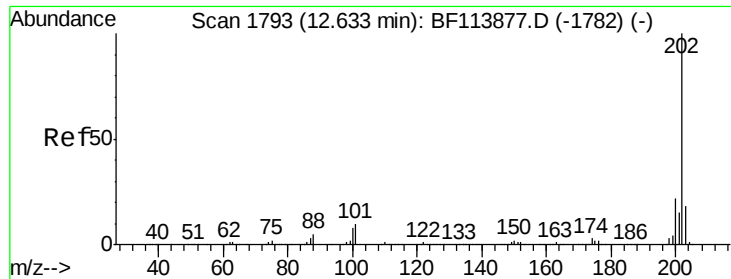
Tot Ion:167 Resp: 1086674
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.0 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 40.708 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF114010.D
 Acq: 26 Apr 2019 15:17

Tgt Ion:149 Resp: 1270641
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 4.9 3.8 5.8





#75

Fluoranthene

Concen: 39.823 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

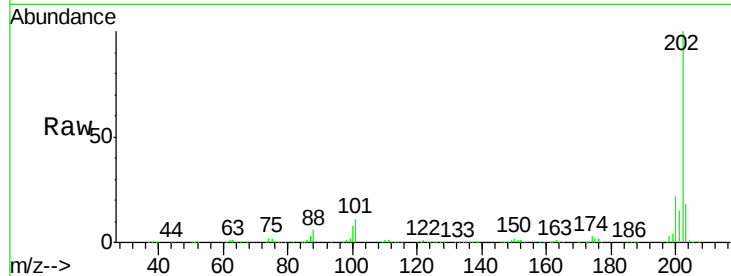
Tot Ion:202 Resp: 1279663

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.9

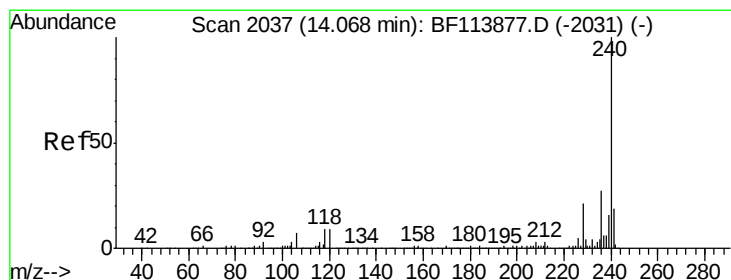
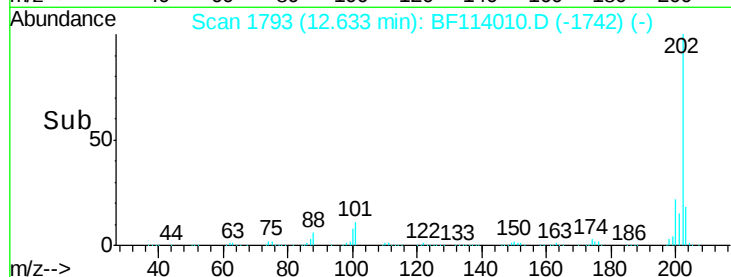
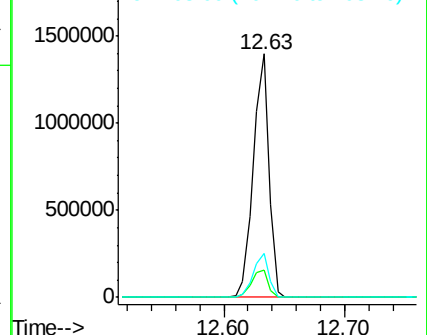
203 18.1 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

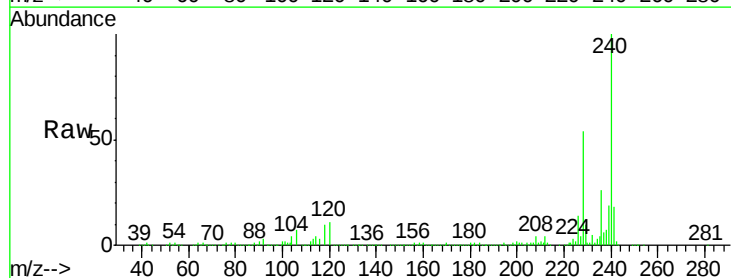
Tgt Ion:240 Resp: 455716

Ion Ratio Lower Upper

240 100

120 10.7 9.3 13.9

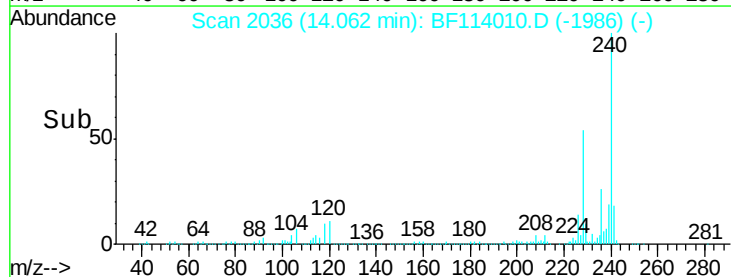
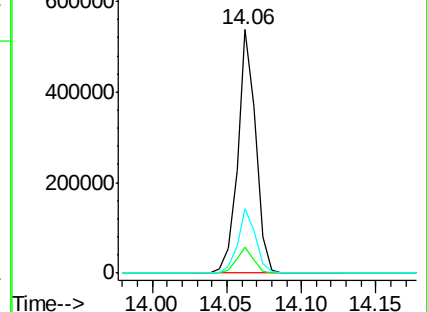
236 26.4 21.2 31.8

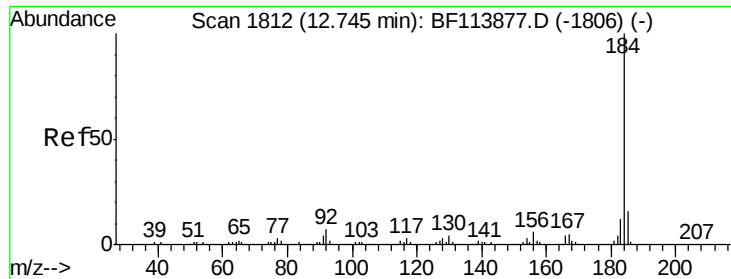


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.679 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

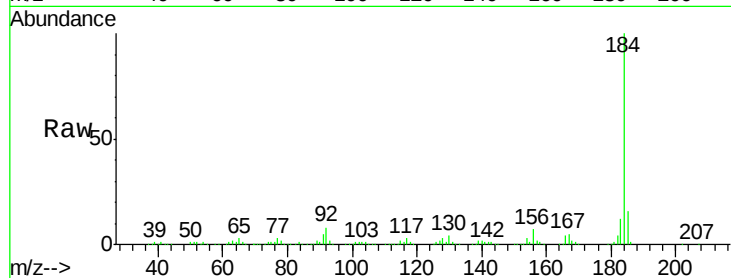
Tot Ion:184 Resp: 647406

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

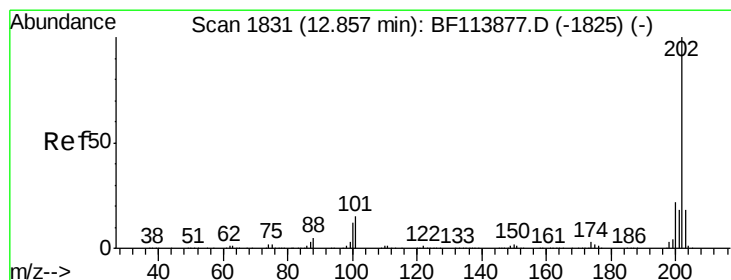
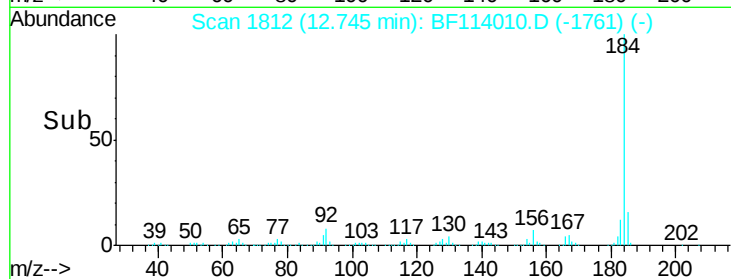
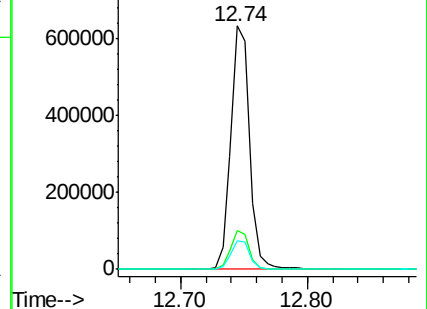
183 11.9 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.977 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

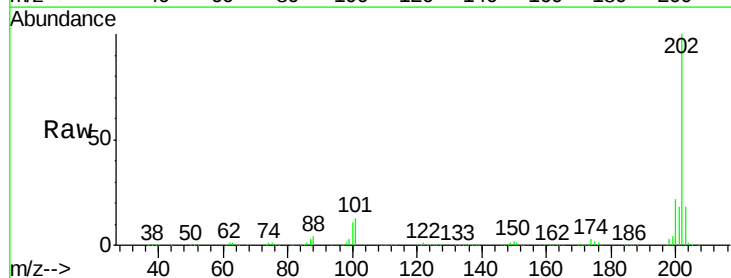
Tgt Ion:202 Resp: 1274009

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

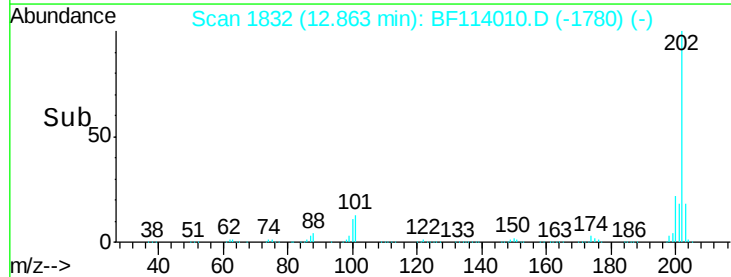
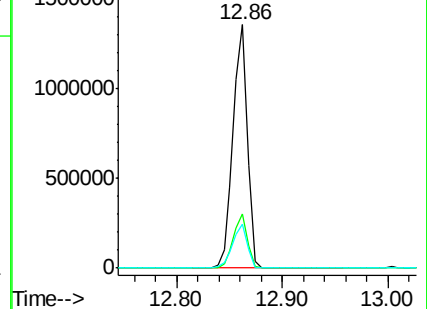
203 18.2 15.0 22.6

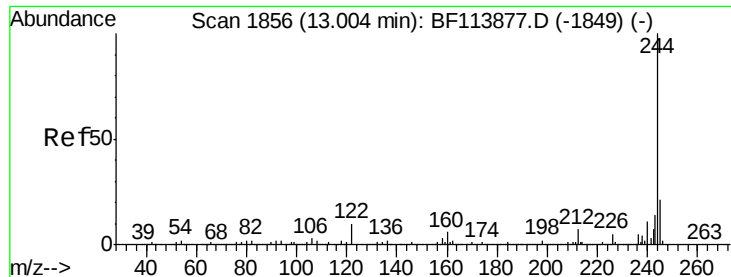


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



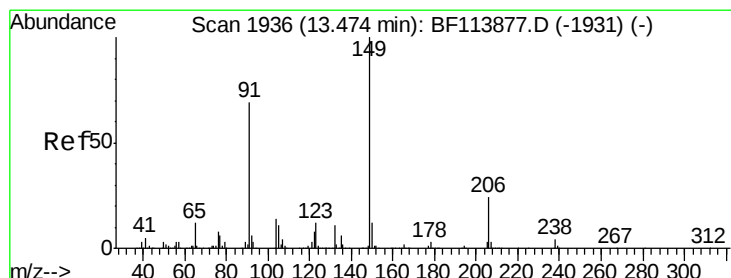
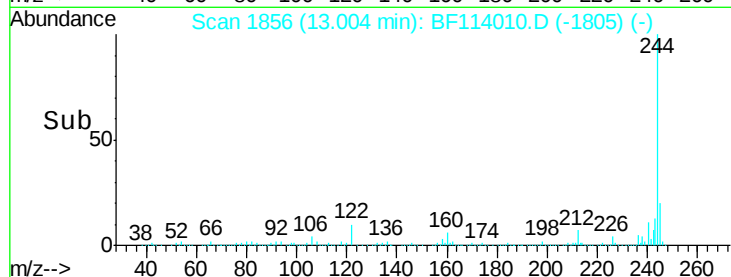
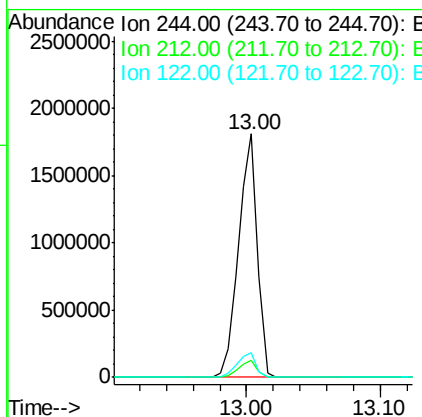
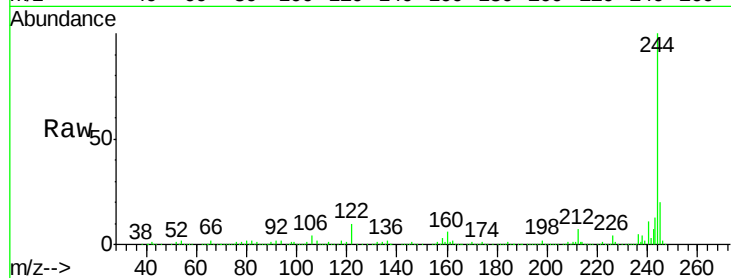


#79
 Terphenyl-d14
 Concen: 79.864 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BF114010.D
 Acq: 26 Apr 2019 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB119228BS

Tot Ion:244 Resp: 1775262

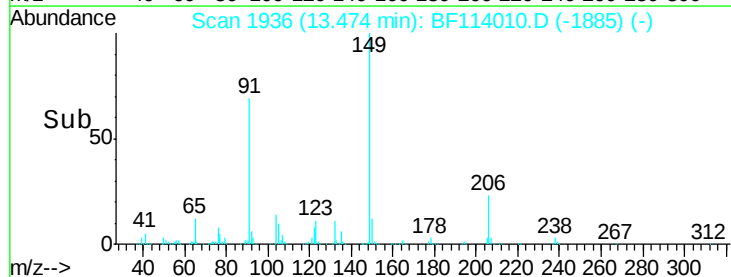
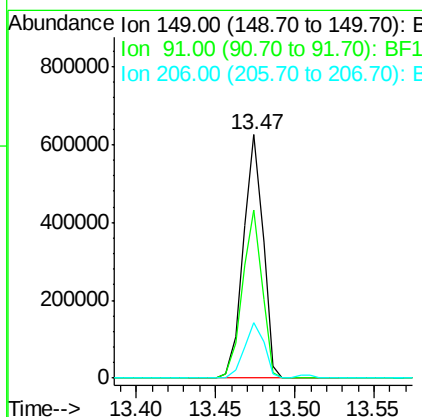
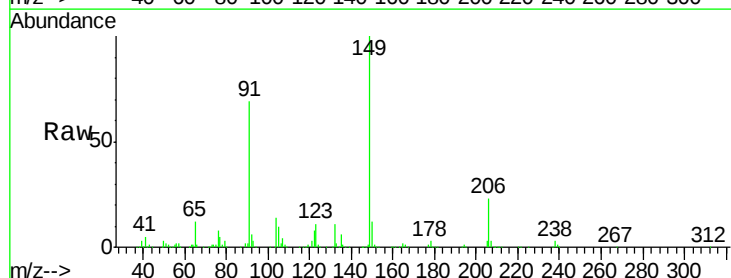
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	10.2	7.6	11.4

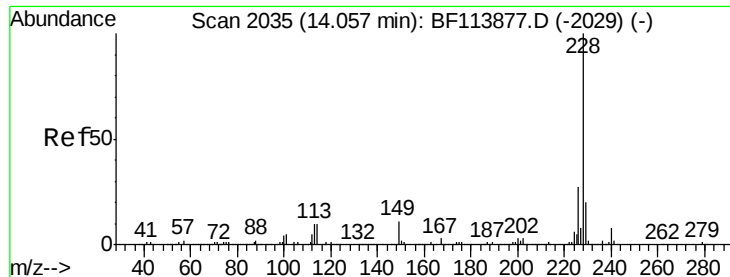


#80
 Butylbenzylphthalate
 Concen: 43.017 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BF114010.D
 Acq: 26 Apr 2019 15:17

Tgt Ion:149 Resp: 539377

Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.3	84.5
206	22.6	19.0	28.6





#81

Benzo(a)anthracene

Concen: 42.051 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

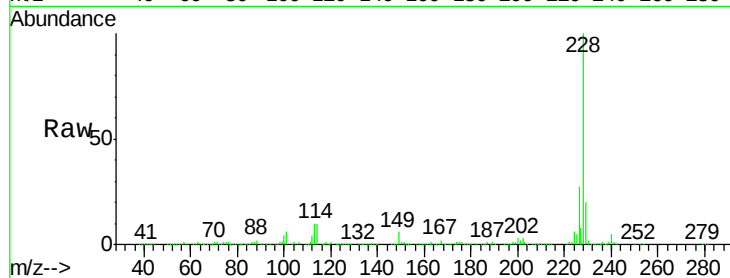
Tot Ion:228 Resp: 1129056

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

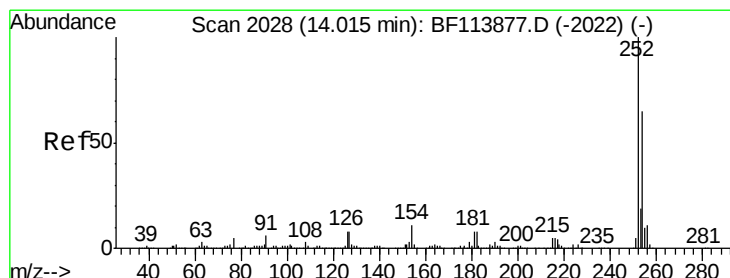
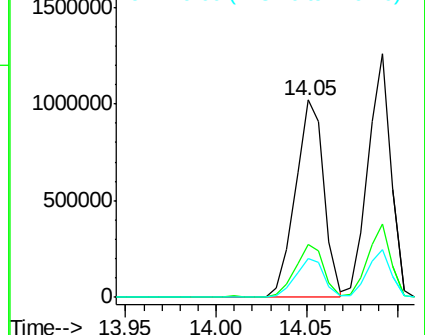
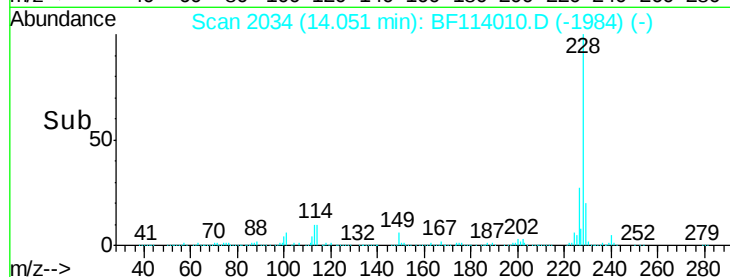
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.297 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

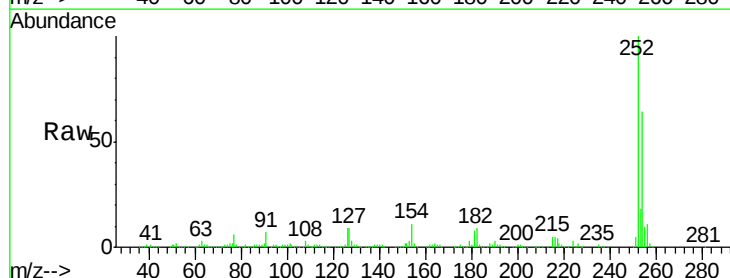
Tgt Ion:252 Resp: 317848

Ion Ratio Lower Upper

252 100

254 64.1 52.1 78.1

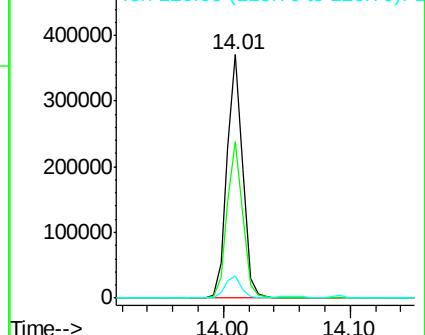
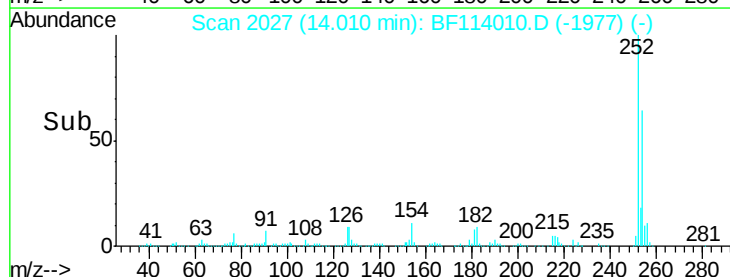
126 9.1 9.3 13.9#

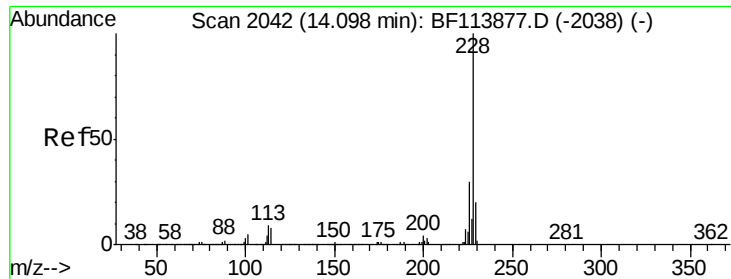


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.588 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

BNA_F

ClientSampleId :

PB119228BS

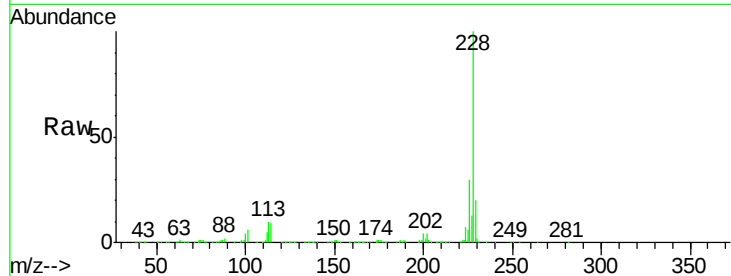
Tot Ion:228 Resp: 1113656

Ion Ratio Lower Upper

228 100

226 30.1 25.2 37.8

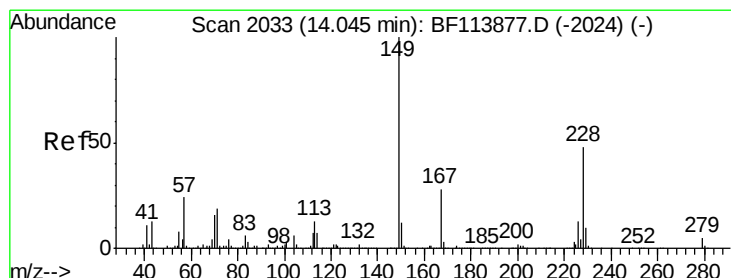
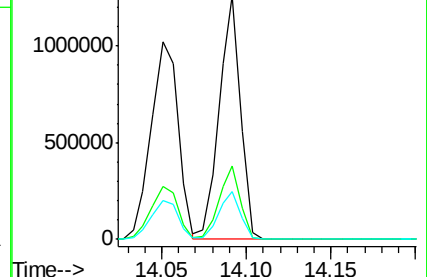
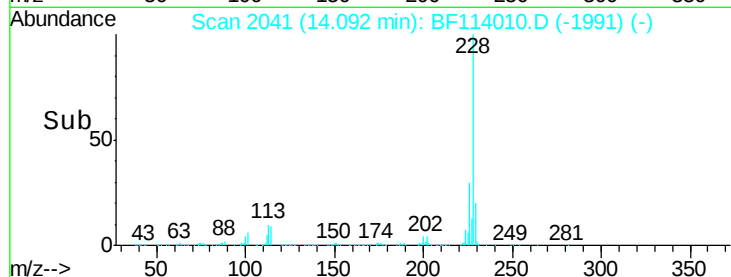
229 19.6 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.884 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

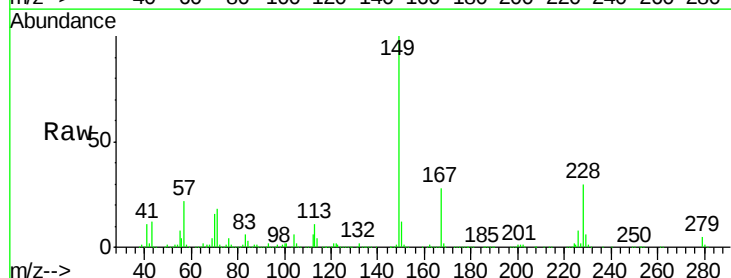
Tgt Ion:149 Resp: 716042

Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

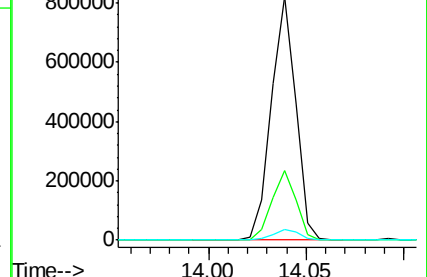
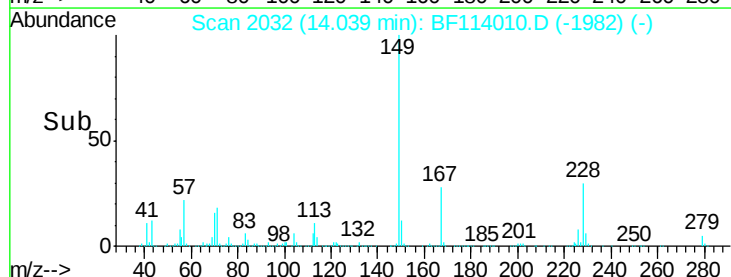
279 4.6 4.2 6.2

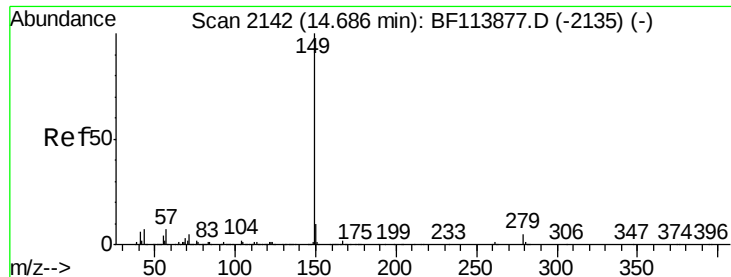


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.930 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

Instrument :

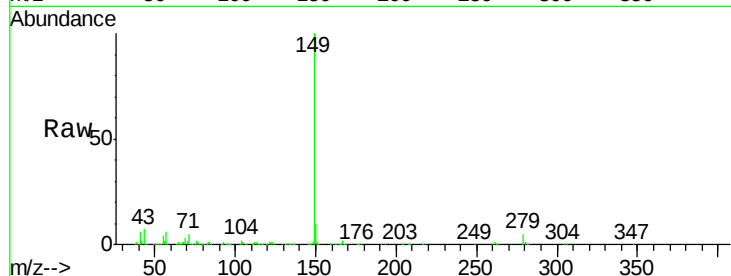
BNA_F

ClientSampleId :

PB119228BS

Tot Ion:149 Resp: 1171855

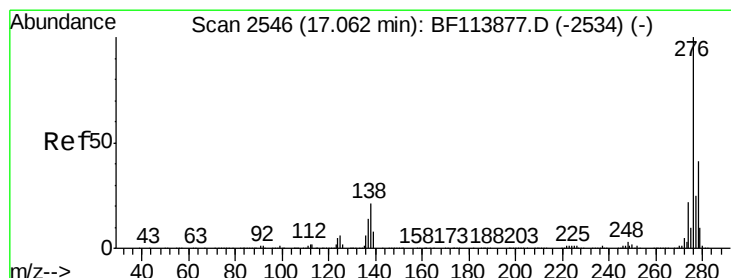
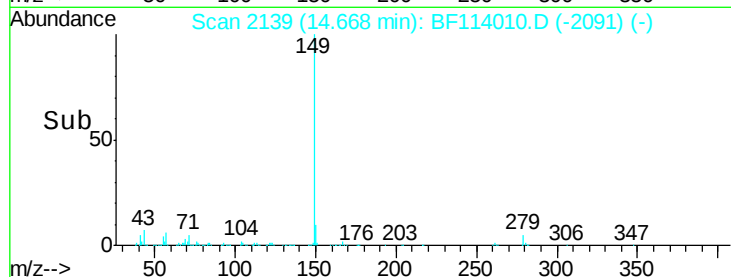
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.6	10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.207 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.01 min

Lab File: BF114010.D

Acq: 26 Apr 2019 15:17

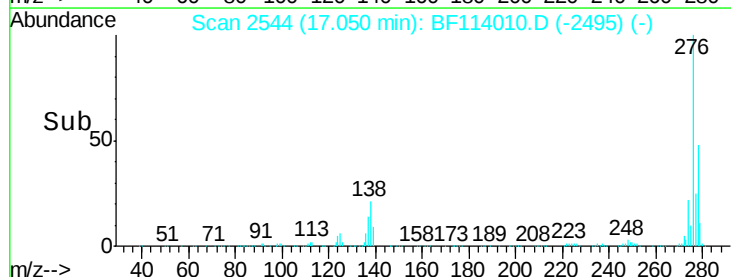
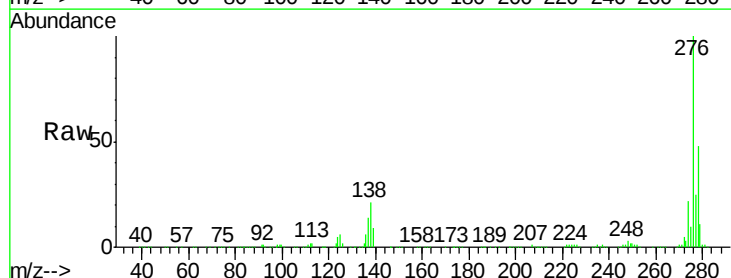
Tgt Ion:276 Resp: 896811

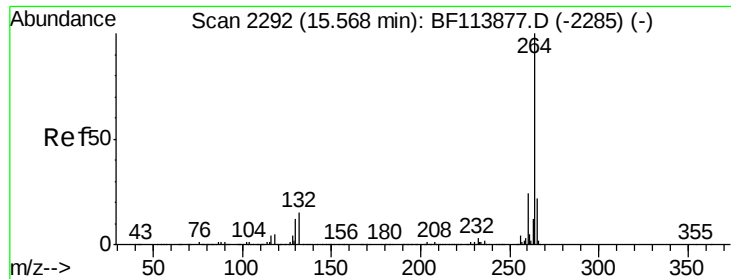
Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.6	29.4
277	25.1	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

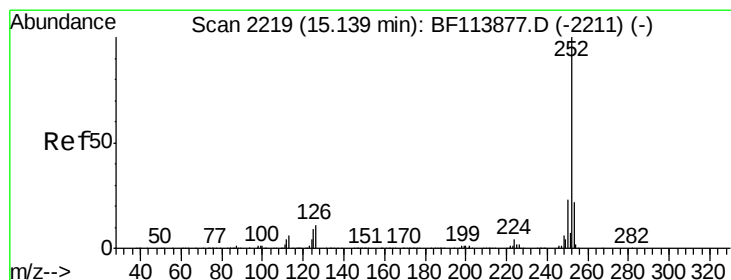
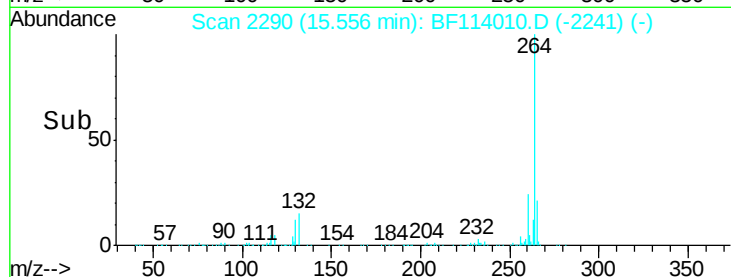
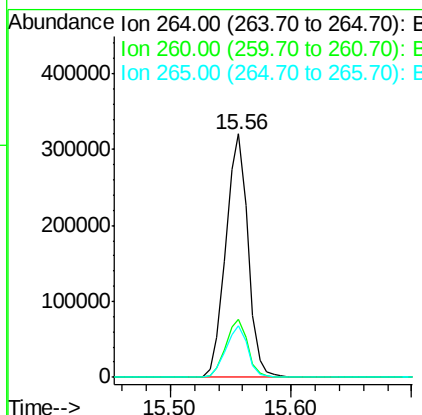
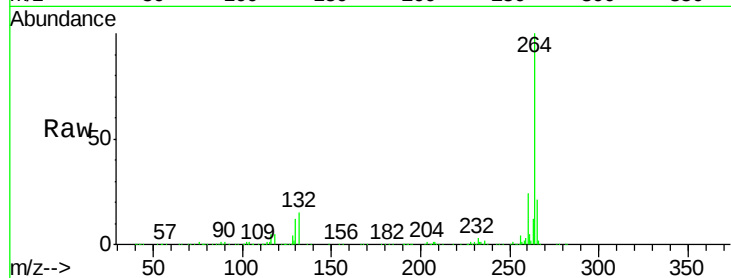




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

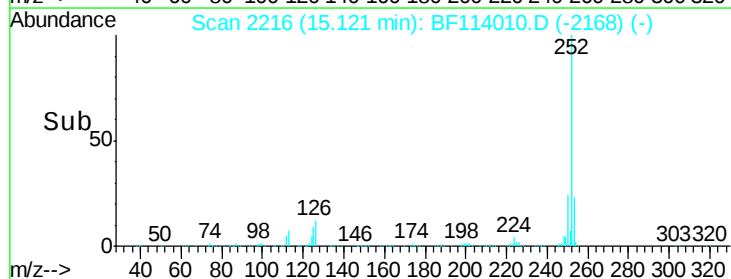
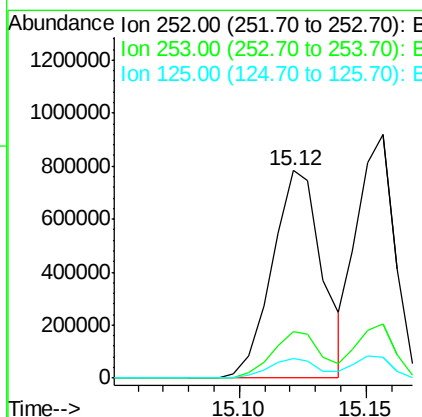
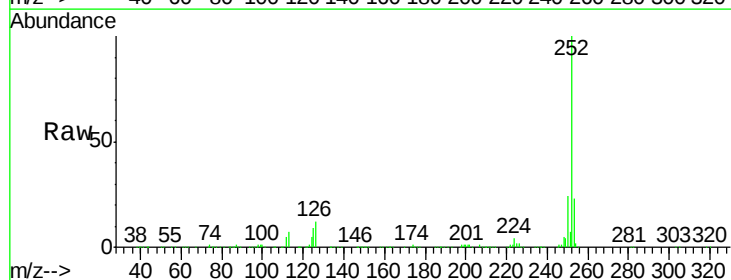
Instrument :
BNA_F
ClientSampleId :
PB119228BS

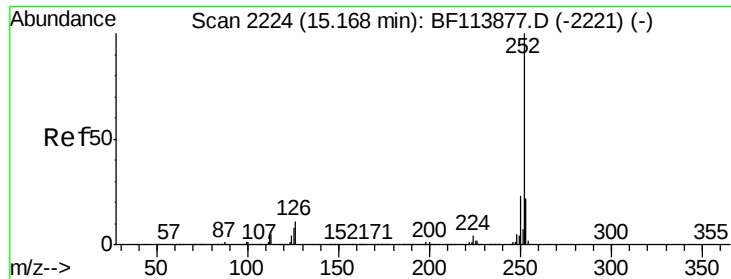
Tot Ion:264 Resp: 408673
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 21.3 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 41.875 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Tgt Ion:252 Resp: 1082740
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 9.5 7.0 10.6

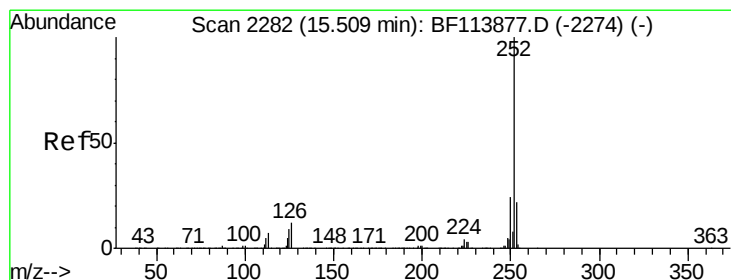
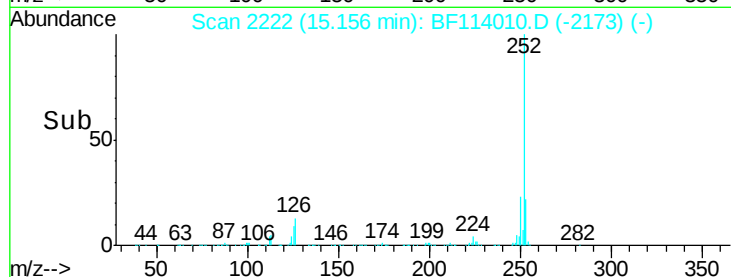
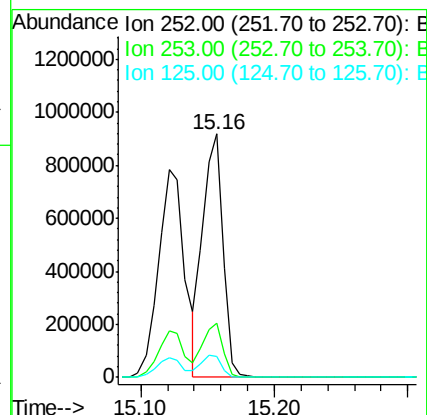
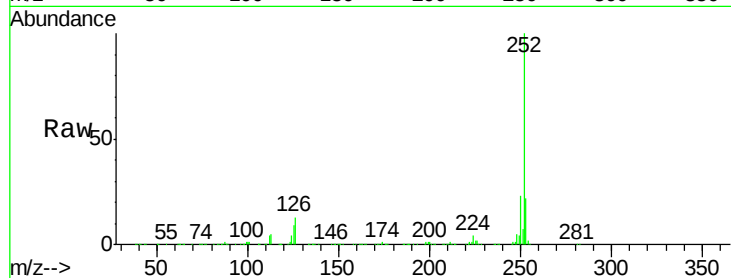




#89
Benzo(k)fluoranthene
Concen: 42.931 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

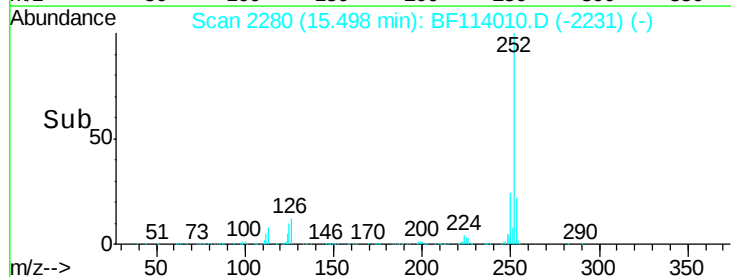
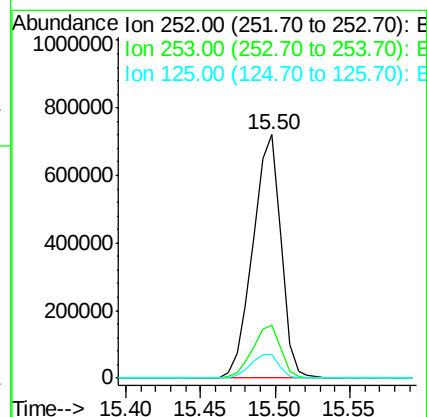
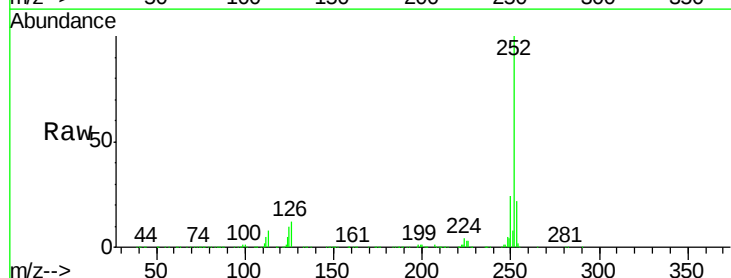
Instrument :
BNA_F
ClientSampleId :
PB119228BS

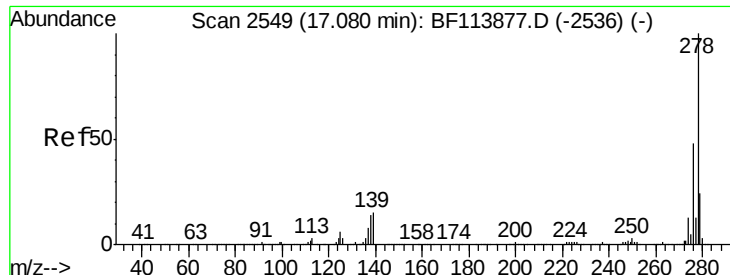
Tot Ion:252 Resp: 954841
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 8.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 41.856 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Tgt Ion:252 Resp: 936087
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.6 8.5 12.7

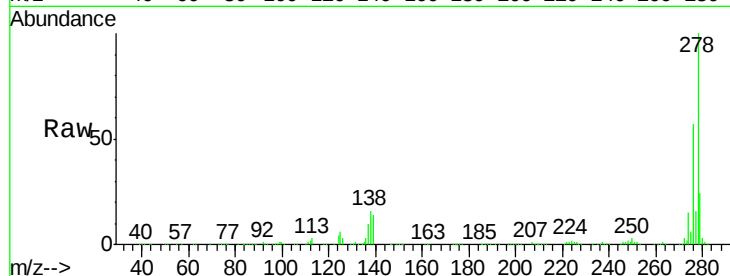




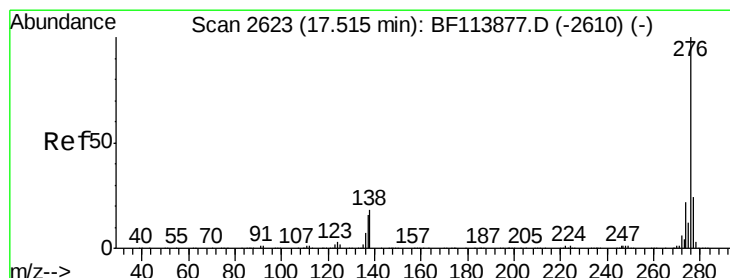
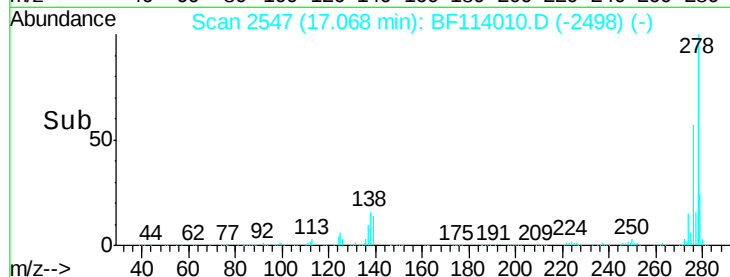
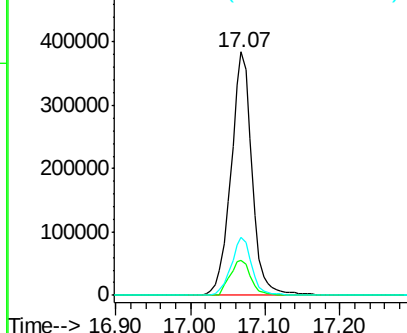
#91
Dibenzo(a,h)anthracene
Concen: 36.067 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Instrument :
BNA_F
ClientSampleId :
PB119228BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.6	17.4
279	23.7	19.0	28.6

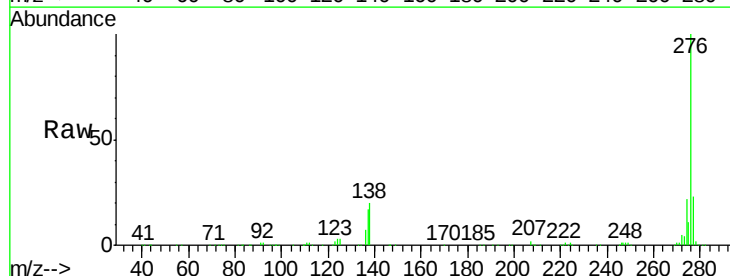


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 34.197 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF114010.D
Acq: 26 Apr 2019 15:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	19.7	16.6	25.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

