

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
 Data File : BF114007.D
 Acq On : 26 Apr 2019 13:58
 Operator : JU/SJ
 Sample : PB119131BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119131BS

Quant Time: Apr 26 22:58:11 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	139324	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	533685	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	294885	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	597024	20.00	ng	0.00
76) Chrysene-d12	14.06	240	444730	20.00	ng	0.00
87) Perylene-d12	15.56	264	405612	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1014378	124.53	ng	0.02
7) Phenol-d6	6.53	99	1305944	127.78	ng	0.01
23) Nitrobenzene-d5	7.46	82	713670	82.57	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	467417	130.12	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1490524	79.06	ng	0.00
79) Terphenyl-d14	13.00	244	1804457	83.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	146729	38.212	ng	96
3) Pyridine	3.57	79	392243	37.423	ng	97
4) n-Nitrosodimethylamine	3.52	42	129988	36.230	ng	95
6) Aniline	6.56	93	408624	29.117	ng	99
8) 2-Chlorophenol	6.69	128	354650	38.134	ng	98
9) Benzaldehyde	6.45	77	278963	52.651	ng	95
10) Phenol	6.55	94	448220	36.677	ng	95
11) bis(2-Chloroethyl)ether	6.63	93	344526	37.464	ng	98
12) 1,3-Dichlorobenzene	6.84	146	405549	38.502	ng	98
13) 1,4-Dichlorobenzene	6.92	146	412990	38.982	ng	99
14) 1,2-Dichlorobenzene	7.07	146	383411	39.379	ng	98
15) Benzyl Alcohol	7.03	79	295567	42.941	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	386320	35.986	ng	93
17) 2-Methylphenol	7.15	107	315233	38.668	ng	98
18) Hexachloroethane	7.41	117	141682	38.150	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	250661	37.873	ng	98
20) 3+4-Methylphenols	7.30	107	374445	40.654	ng	# 82
22) Acetophenone	7.30	105	497404	41.882	ng	96
24) Nitrobenzene	7.47	77	387005	40.521	ng	98
25) Isophorone	7.72	82	700635	39.615	ng	100
26) 2-Nitrophenol	7.79	139	197354	45.295	ng	98
27) 2,4-Dimethylphenol	7.83	122	350061	49.312	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	441518	39.177	ng	99
29) 2,4-Dichlorophenol	8.03	162	334392	41.193	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	367321	40.582	ng	98
31) Naphthalene	8.20	128	1046365	41.272	ng	100
32) Benzoic acid	7.96	122	197658	41.230	ng	98
33) 4-Chloroaniline	8.24	127	262620	24.481	ng	98
34) Hexachlorobutadiene	8.32	225	218858	38.787	ng	99
35) Caprolactam	8.62	113	72062	27.906	ng	91
36) 4-Chloro-3-methylphenol	8.73	107	337479	41.962	ng	99
37) 2-Methylnaphthalene	8.89	142	726152	42.474	ng	98
38) 1-Methylnaphthalene	8.99	142	685849	41.564	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	365977	38.207	ng	99

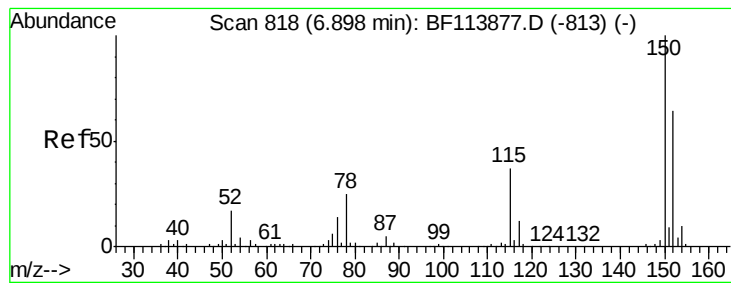
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	462663	86.616	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	262388	43.138	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	273321	40.062	ng	98
46) 1,1'-Biphenyl	9.36	154	903312	40.099	ng	98
47) 2-Chloronaphthalene	9.38	162	732511	39.986	ng	98
48) 2-Nitroaniline	9.47	65	207212	43.148	ng	94
49) Acenaphthylene	9.80	152	1136503	39.628	ng	98
50) Dimethylphthalate	9.66	163	866635	40.636	ng	99
51) 2,6-Dinitrotoluene	9.71	165	200757	43.878	ng	93
52) Acenaphthene	9.97	154	749978	44.249	ng	97
53) 3-Nitroaniline	9.88	138	128905	26.811	ng	92
54) 2,4-Dinitrophenol	9.99	184	179082	89.378	ng	# 1
55) Dibenzofuran	10.14	168	1037677	40.872	ng	98
56) 4-Nitrophenol	10.05	139	311348	81.788	ng	96
57) 2,4-Dinitrotoluene	10.12	165	268010	46.408	ng	96
58) Fluorene	10.49	166	789070	41.282	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	248829	41.503	ng	100
60) Diethylphthalate	10.35	149	830634	41.015	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	412330	40.733	ng	98
62) 4-Nitroaniline	10.50	138	194844	41.528	ng	97
63) Azobenzene	10.63	77	775910	39.530	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	114391	42.746	ng	96
66) n-Nitrosodiphenylamine	10.59	169	714706	39.897	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	273984	37.988	ng	97
68) Hexachlorobenzene	11.03	284	300884	37.964	ng	97
69) Atrazine	11.12	200	243891	41.852	ng	99
70) Pentachlorophenol	11.23	266	331416	73.855	ng	98
71) Phenanthrene	11.45	178	1194650	39.817	ng	100
72) Anthracene	11.50	178	1253954	41.386	ng	99
73) Carbazole	11.65	167	1100700	40.720	ng	99
74) Di-n-butylphthalate	11.97	149	1291596	40.620	ng	100
75) Fluoranthene	12.63	202	1279320	39.081	ng	97
77) Benzidine	12.74	184	642608	48.495	ng	98
78) Pyrene	12.86	202	1291680	41.532	ng	99
80) Butylbenzylphthalate	13.47	149	541763	44.274	ng	97
81) Benzo(a)anthracene	14.05	228	1105347	42.185	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	315186	32.818	ng	98
83) Chrysene	14.09	228	1114392	43.669	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	713866	45.853	ng	99
85) Di-n-octyl phthalate	14.67	149	1182509	48.526	ng	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	884604	36.596	ng	98
88) Benzo(b)fluoranthene	15.13	252	1028426	40.075	ng	99
89) Benzo(k)fluoranthene	15.16	252	992047	44.941	ng	99
90) Benzo(a)pyrene	15.50	252	932355	42.003	ng	100
91) Dibenzo(a,h)anthracene	17.07	278	743242	35.670	ng	99
92) Benzo(g,h,i)perylene	17.50	276	710675	33.797	ng	98

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

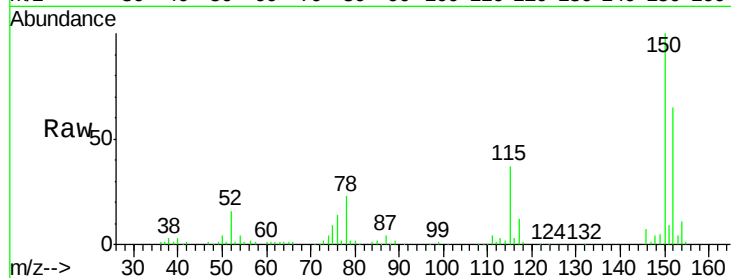


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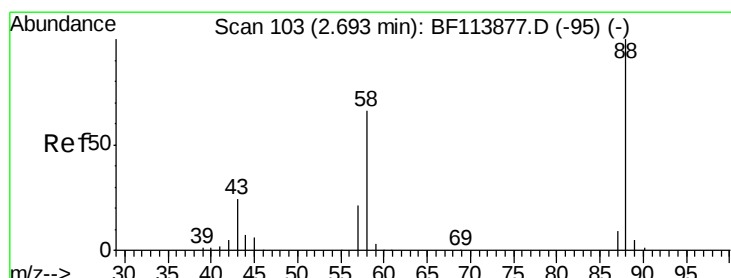
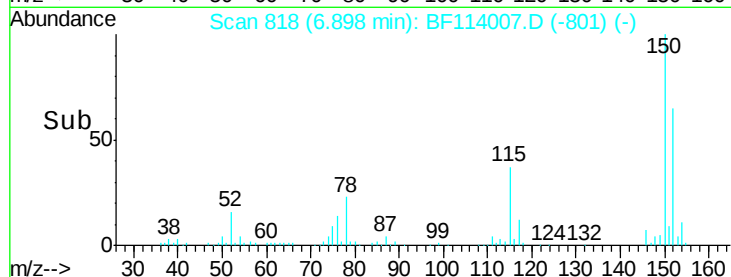
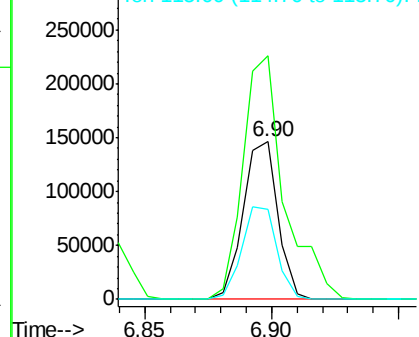
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Instrument :
BNA_F
ClientSampleId :
PB119131BS

Tot Ion:152 Resp: 139324
Ion Ratio Lower Upper
152 100
150 154.6 125.9 188.9
115 57.0 45.9 68.9



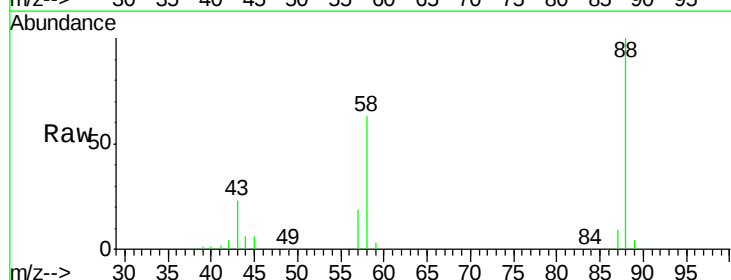
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



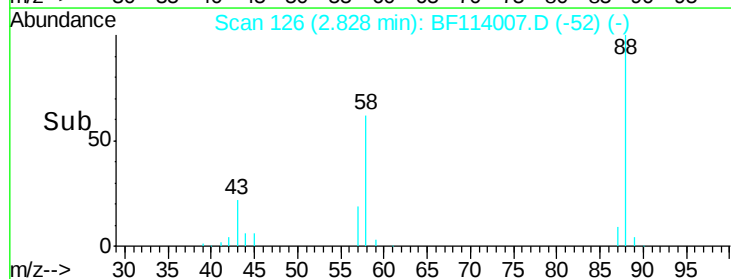
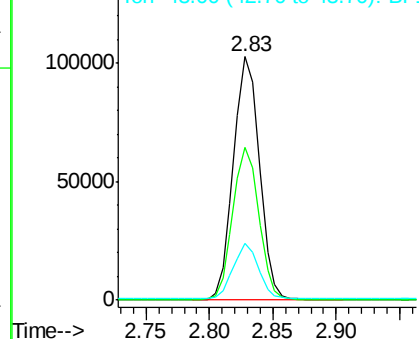
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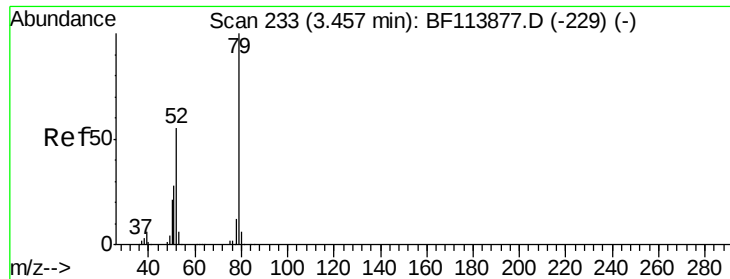
1,4-Dioxane
Concen: 38.212 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.14 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion: 88 Resp: 146729
Ion Ratio Lower Upper
88 100
58 63.1 53.3 79.9
43 22.2 19.0 28.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.423 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.11 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

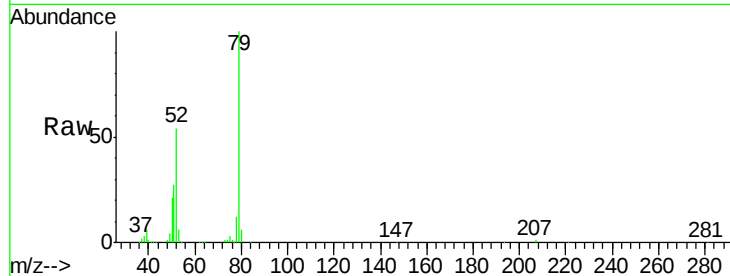
Tot Ion: 79 Resp: 392243

Ion Ratio Lower Upper

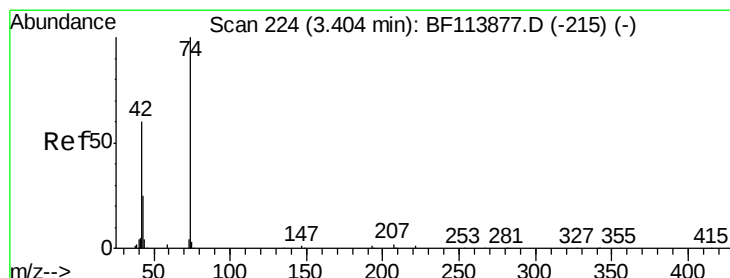
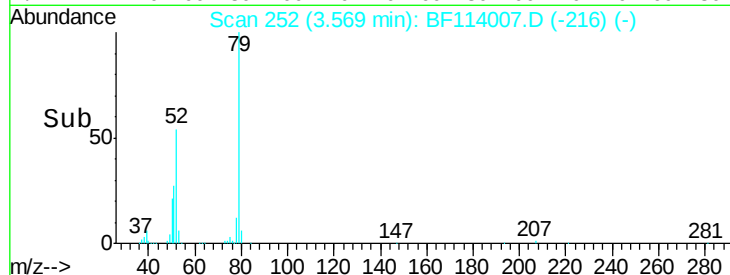
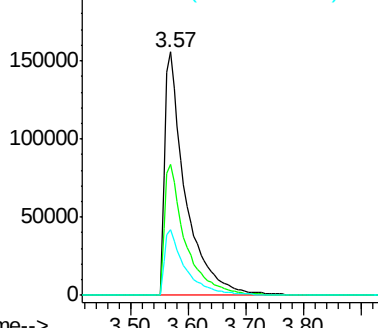
79 100

52 53.9 45.3 67.9

51 27.0 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: 36.230 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.11 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

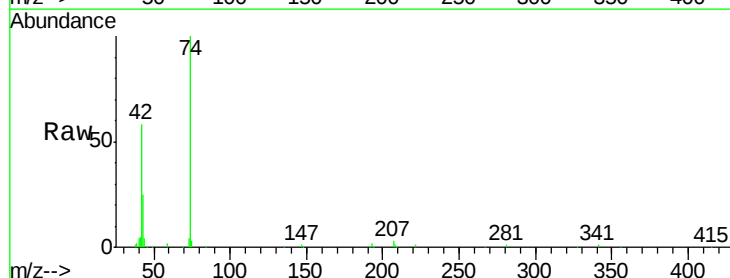
Tgt Ion: 42 Resp: 129988

Ion Ratio Lower Upper

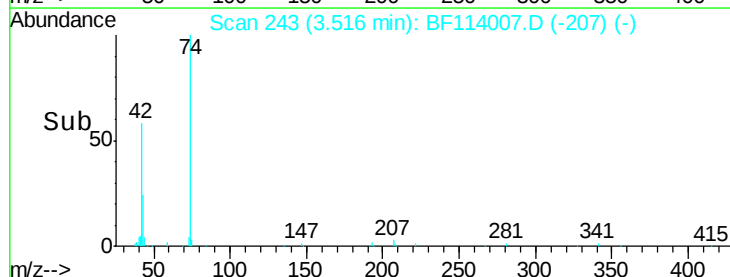
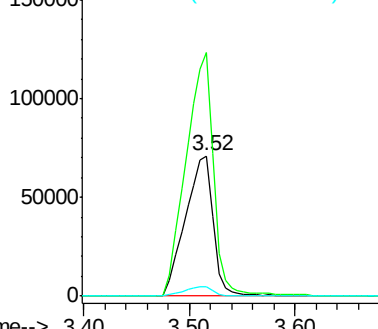
42 100

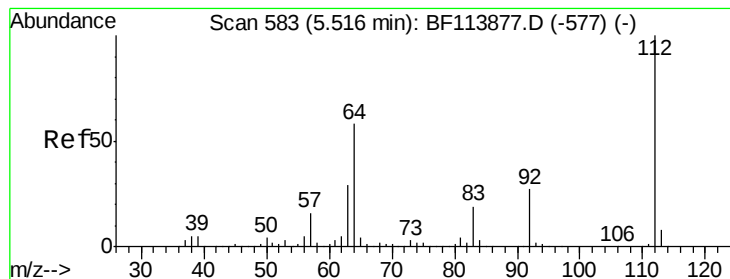
74 173.2 132.6 198.8

44 6.4 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: 124.526 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

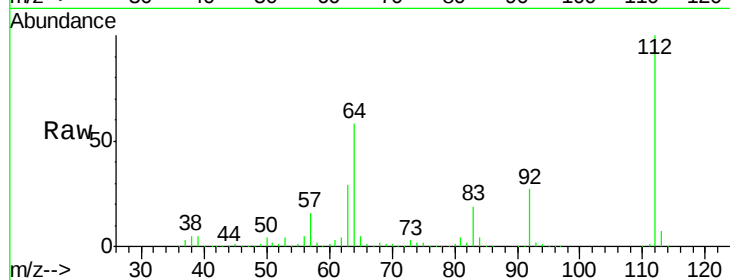
Tot Ion:112 Resp: 1014378

Ion Ratio Lower Upper

112 100

64 58.1 46.6 69.8

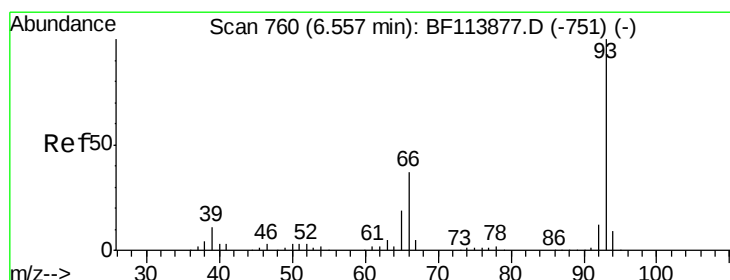
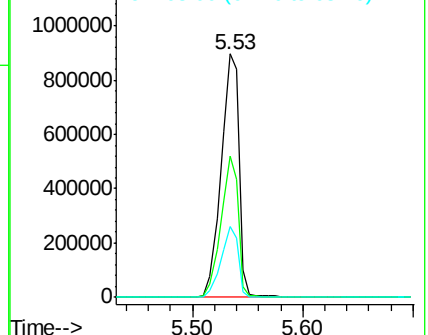
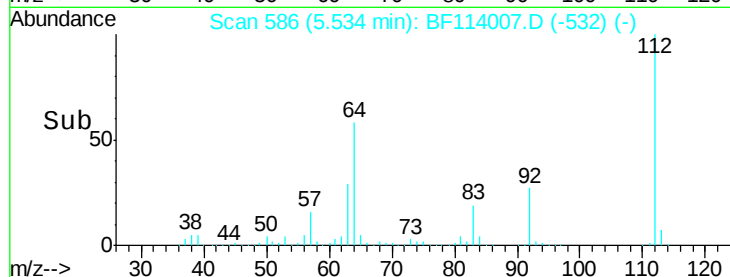
63 29.1 23.1 34.7



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: 29.117 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

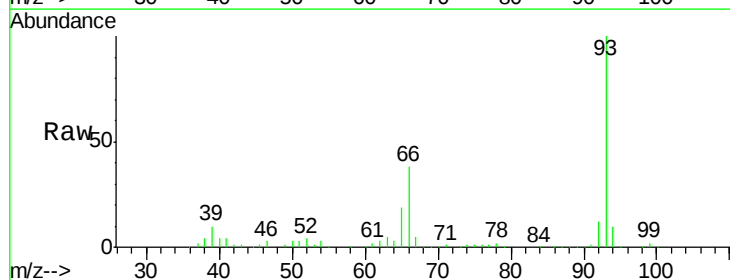
Tgt Ion: 93 Resp: 408624

Ion Ratio Lower Upper

93 100

66 37.8 29.8 44.6

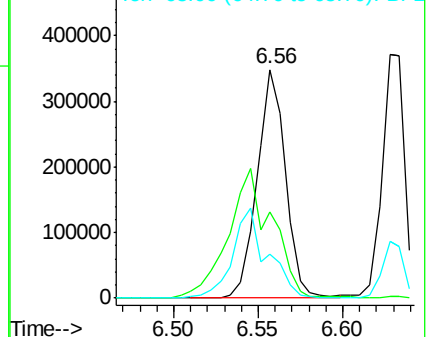
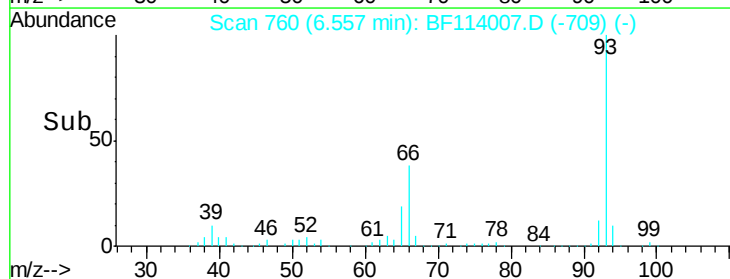
65 19.2 14.9 22.3

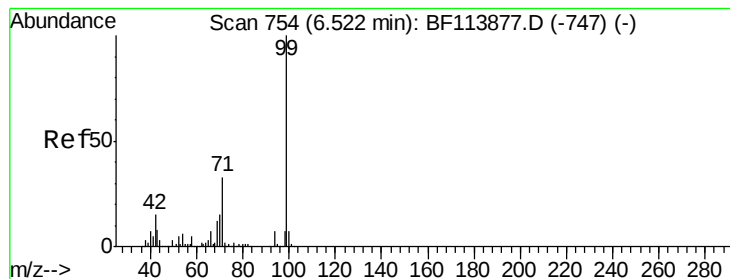


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.783 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

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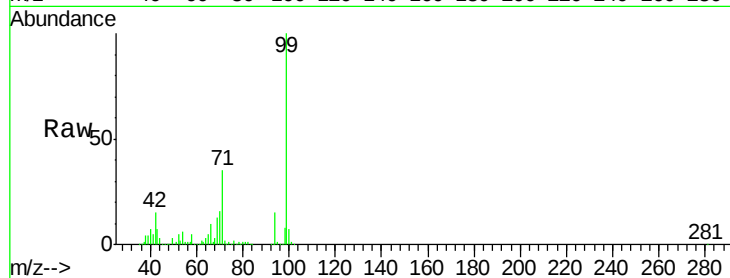
Tot Ion: 99 Resp: 1305944

Ion Ratio Lower Upper

99 100

42 15.1 12.5 18.7

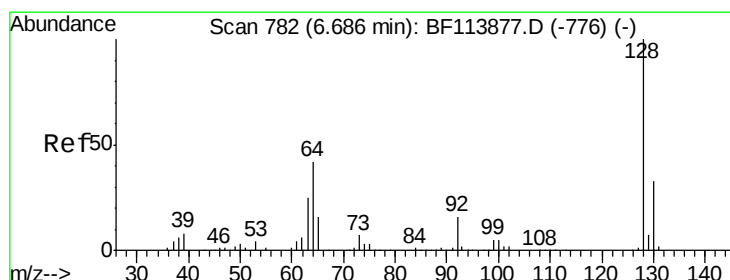
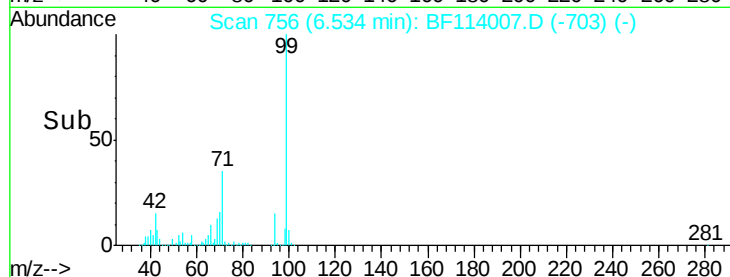
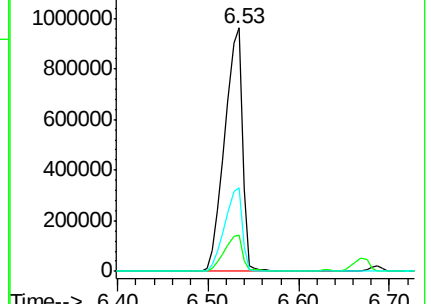
71 34.6 26.9 40.3



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: 38.134 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

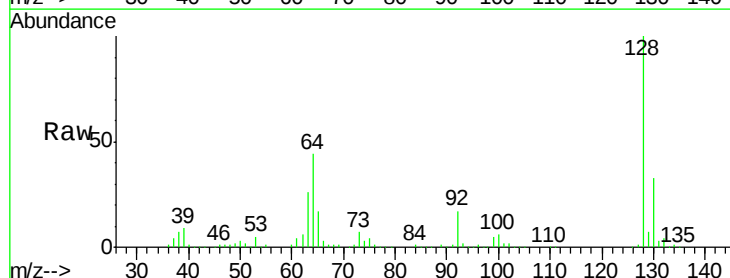
Tgt Ion:128 Resp: 354650

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

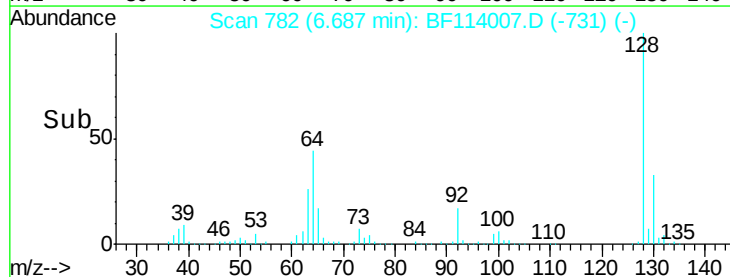
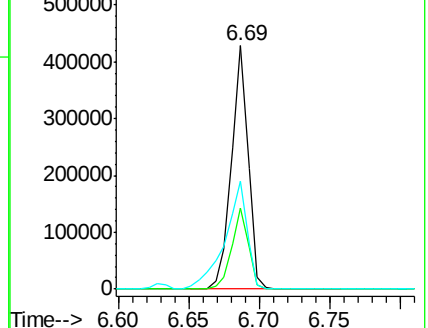
64 44.3 26.1 66.1

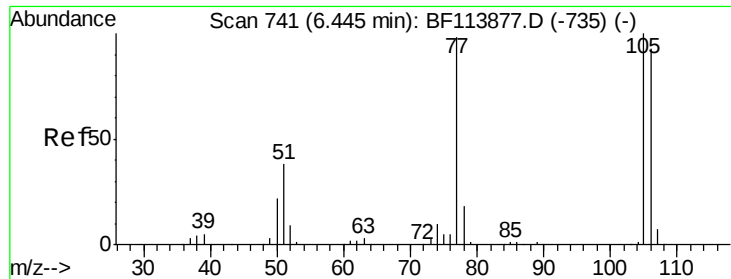


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

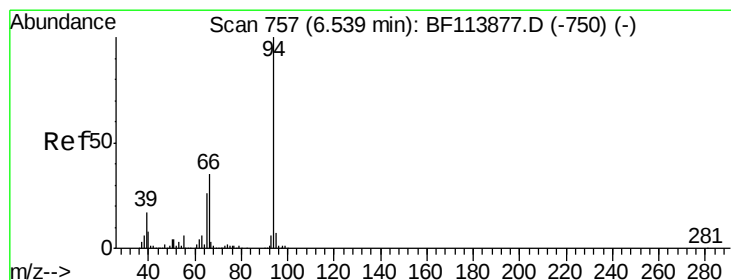
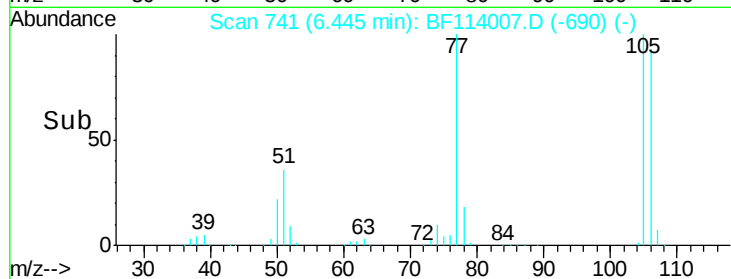
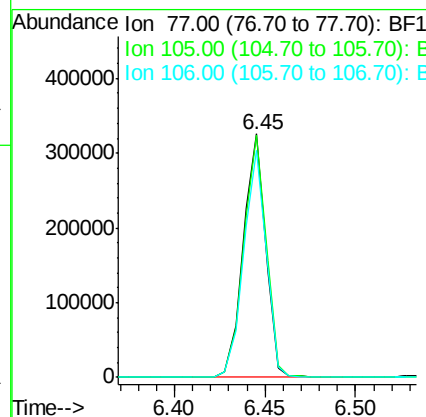
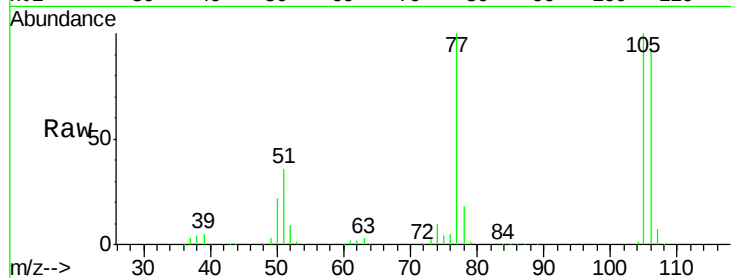




#9
Benzaldehyde
Concen: 52.651 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

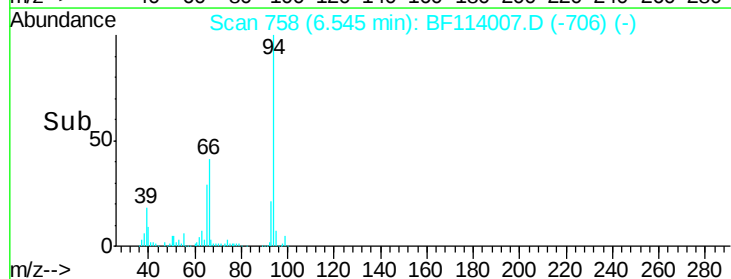
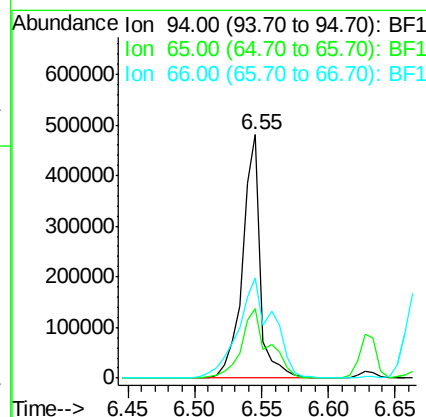
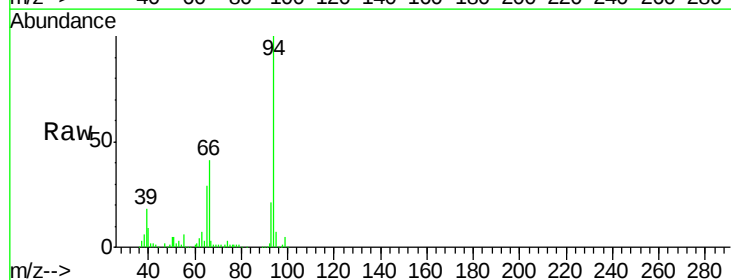
Instrument :
BNA_F
ClientSampleId :
PB119131BS

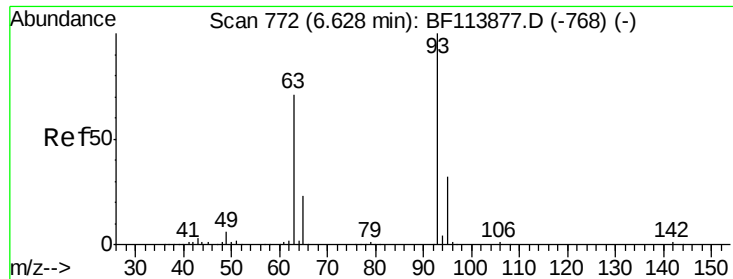
Tot Ion: 77 Resp: 278963
Ion Ratio Lower Upper
77 100
105 99.7 74.1 114.1
106 93.3 70.3 110.3



#10
Phenol
Concen: 36.677 ng
RT: 6.55 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion: 94 Resp: 448220
Ion Ratio Lower Upper
94 100
65 28.6 8.1 48.1
66 41.0 16.6 56.6

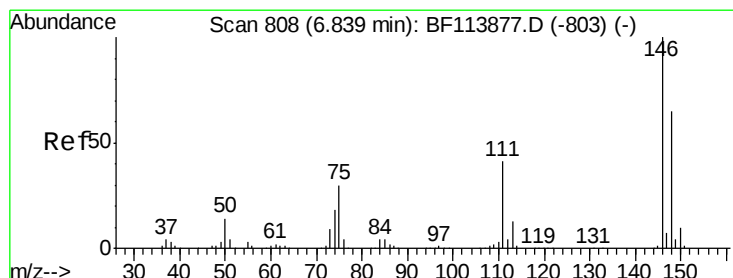
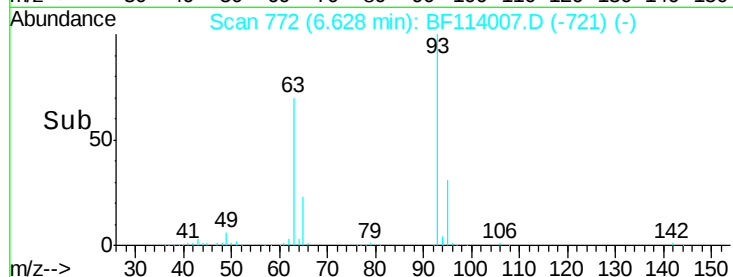
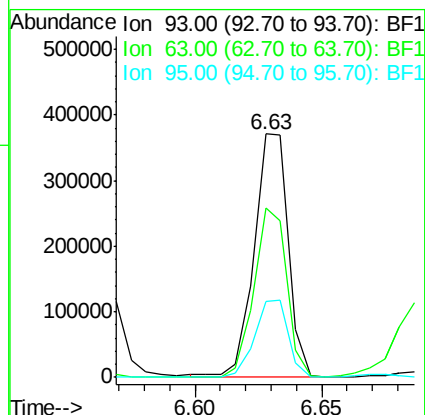
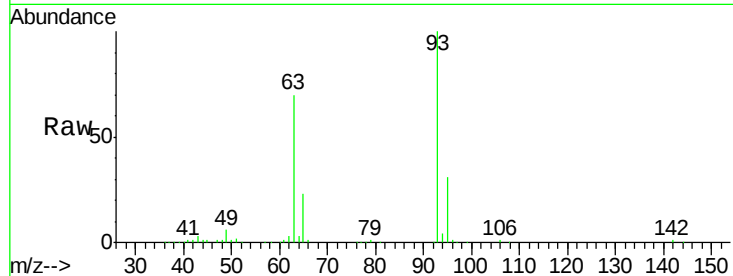




#11
bis(2-Chloroethyl)ether
Concen: 37.464 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

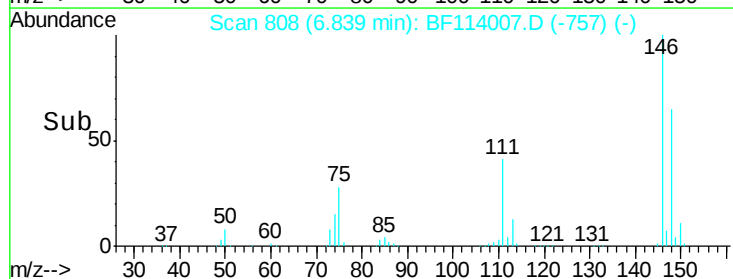
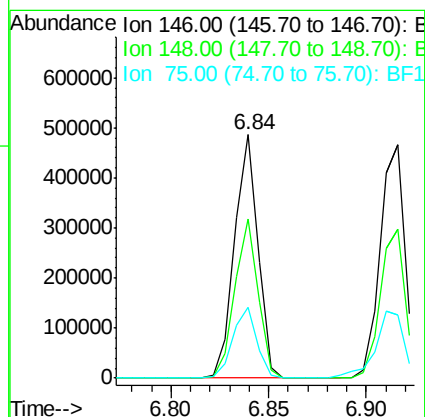
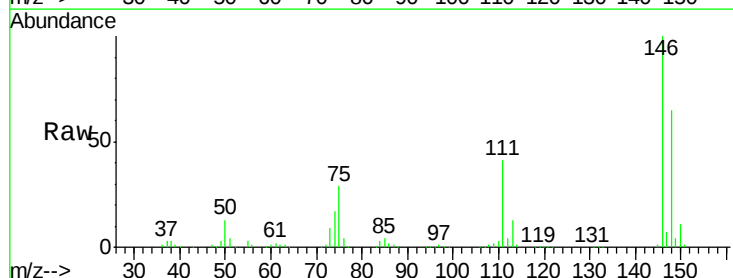
Instrument :
BNA_F
ClientSampleId :
PB119131BS

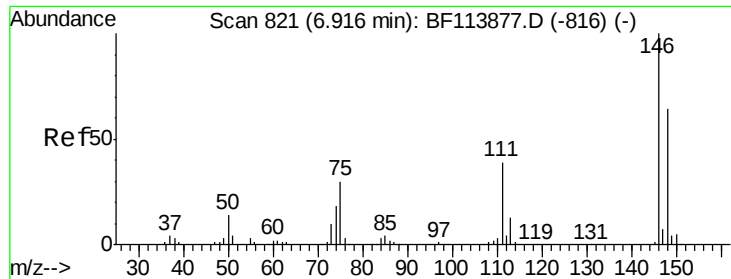
Tot Ion: 93 Resp: 344526
Ion Ratio Lower Upper
93 100
63 69.7 50.7 90.7
95 31.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.502 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion: 146 Resp: 405549
Ion Ratio Lower Upper
146 100
148 65.4 51.0 76.6
75 29.1 23.8 35.8

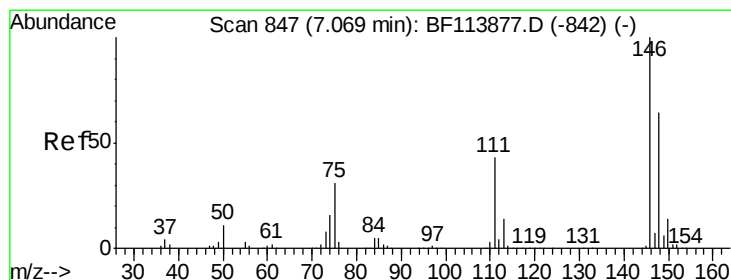
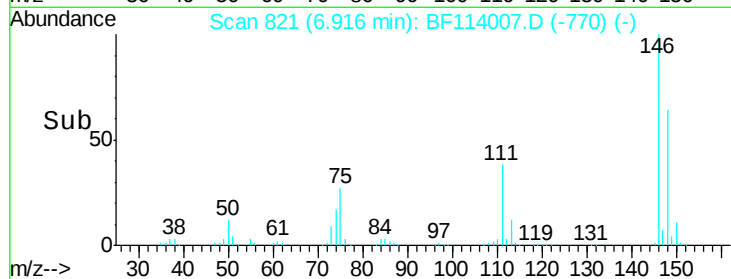
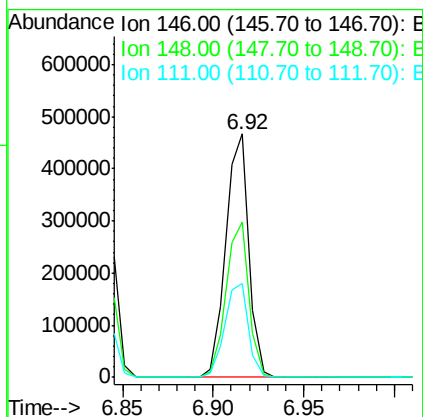
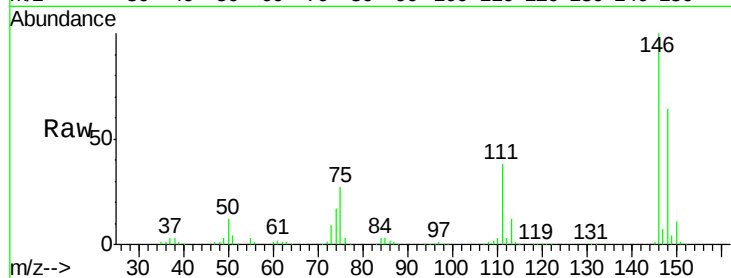




#13
 1,4-Dichlorobenzene
 Concen: 38.982 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

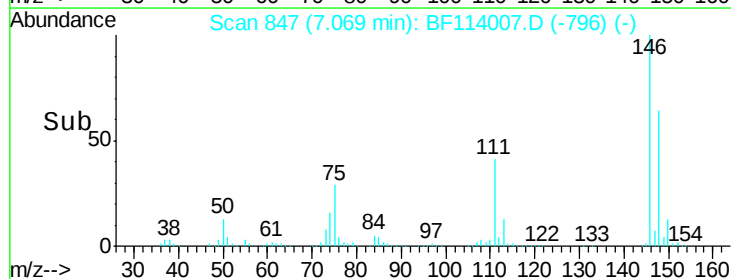
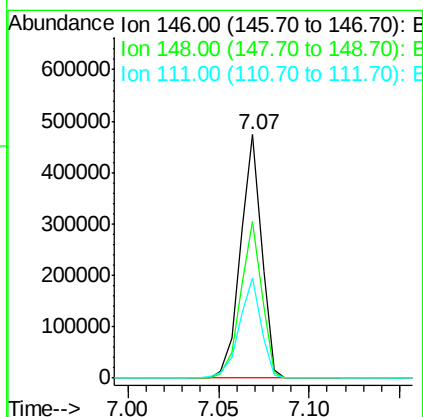
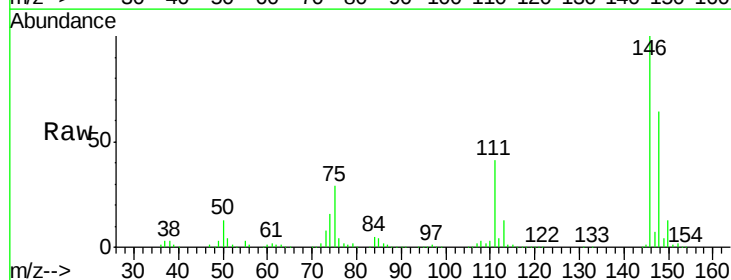
Instrument :
 BNA_F
 ClientSampleId :
 PB119131BS

Tot Ion:146 Resp: 412990
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.8
 111 38.4 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 39.379 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

Tgt Ion:146 Resp: 383411
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.1 78.1
 111 40.9 34.2 51.4





#15

Benzyl Alcohol

Concen: 42.941 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

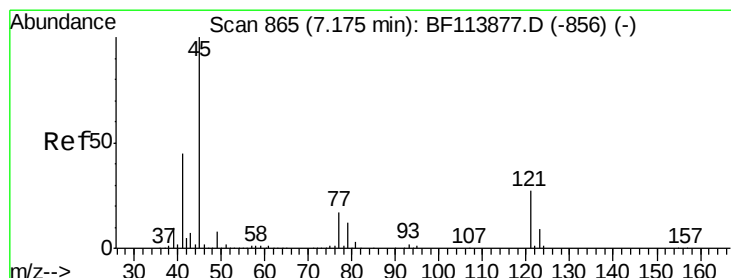
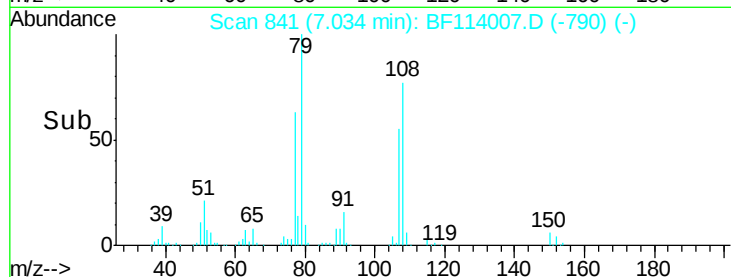
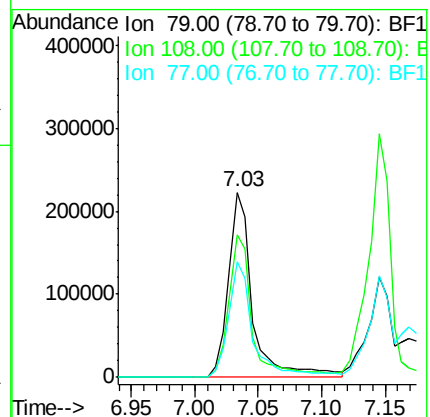
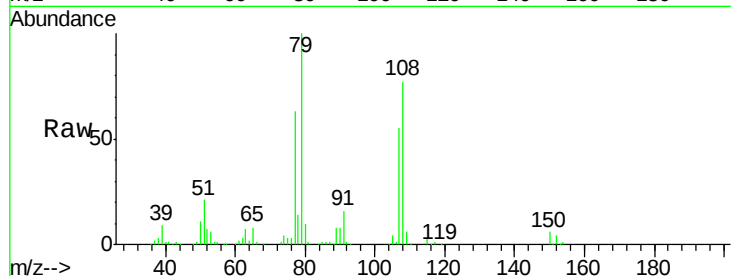
Tot Ion: 79 Resp: 295567

Ion Ratio Lower Upper

79 100

108 77.4 61.4 92.0

77 62.6 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.986 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

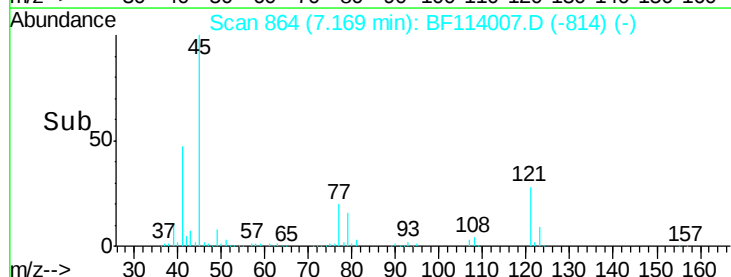
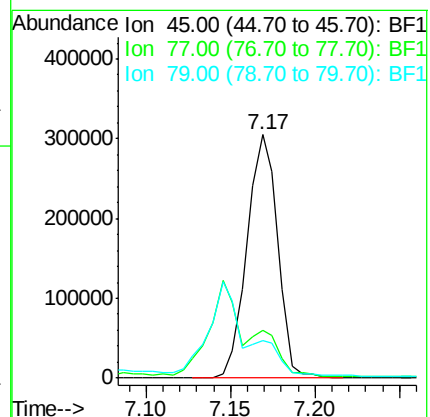
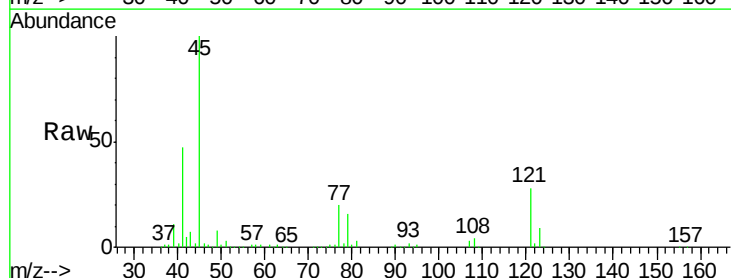
Tgt Ion: 45 Resp: 386320

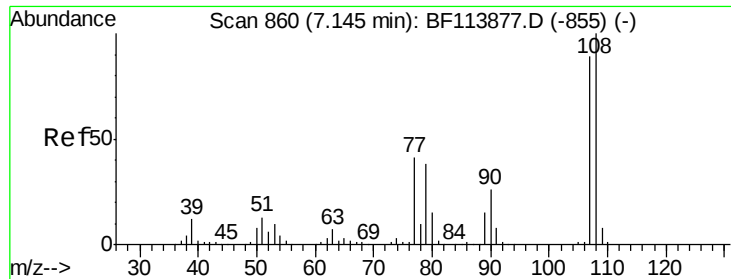
Ion Ratio Lower Upper

45 100

77 19.8 0.0 37.0

79 15.5 0.0 32.7

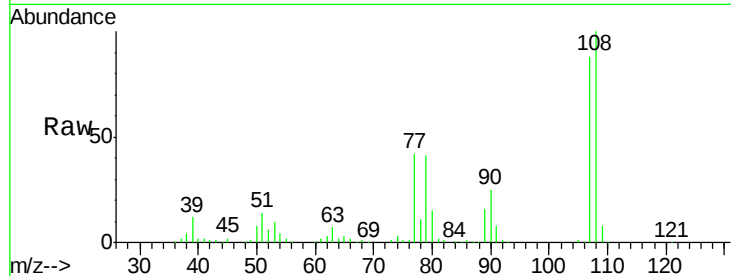




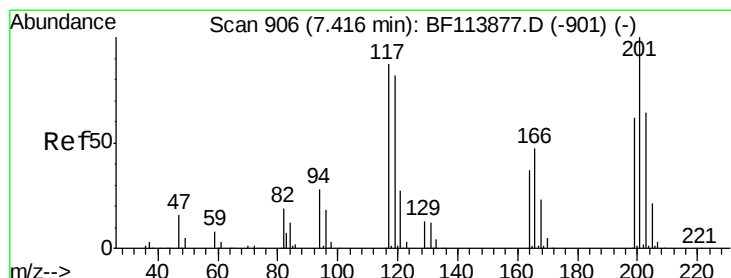
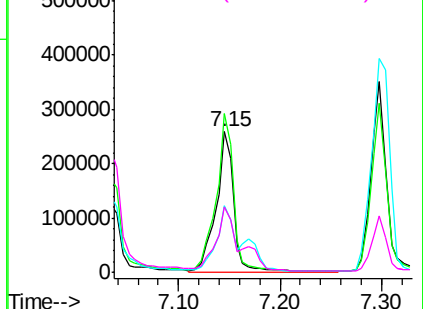
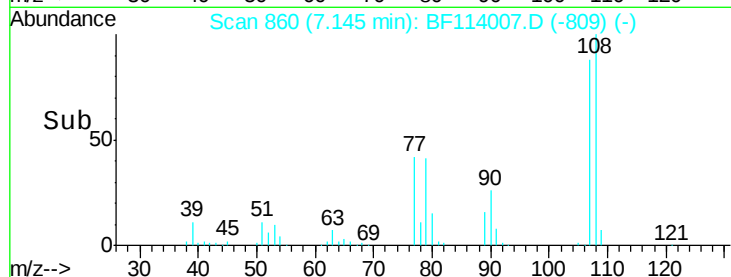
#17
2-Methylphenol
Concen: 38.668 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Instrument :
BNA_F
ClientSampleId :
PB119131BS

Tot Ion:	107	Resp:	315233
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.5	137.3
77	47.5	36.2	54.4
79	46.5	35.4	53.0

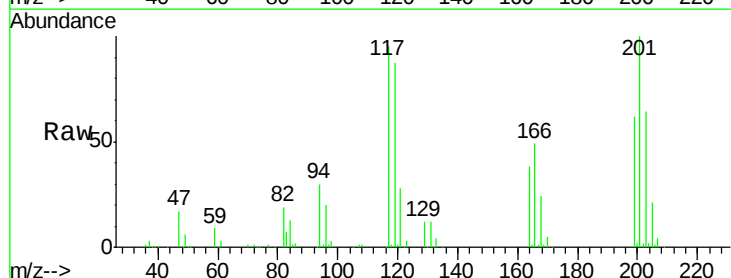


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

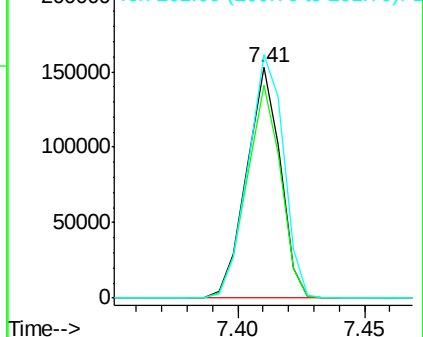
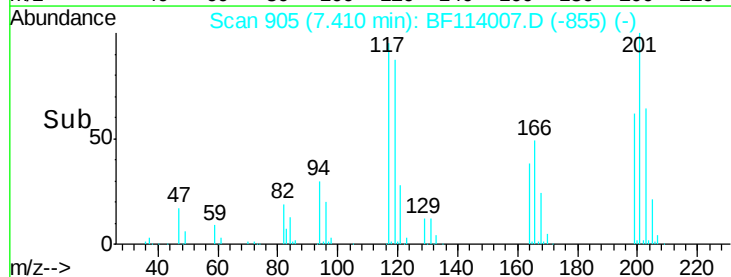


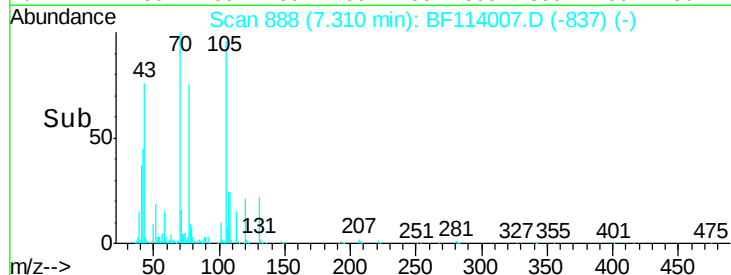
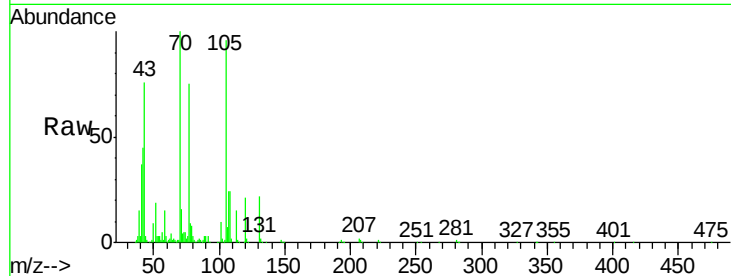
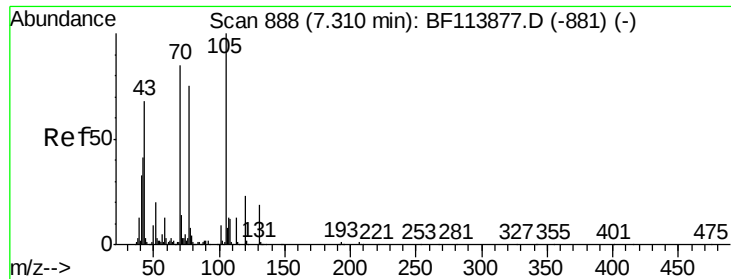
#18
Hexachloroethane
Concen: 38.150 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion:	117	Resp:	141682
Ion	Ratio	Lower	Upper
117	100		
119	92.2	74.4	111.6
201	105.7	90.2	135.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

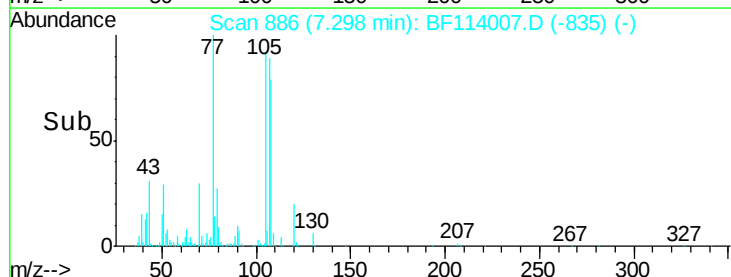
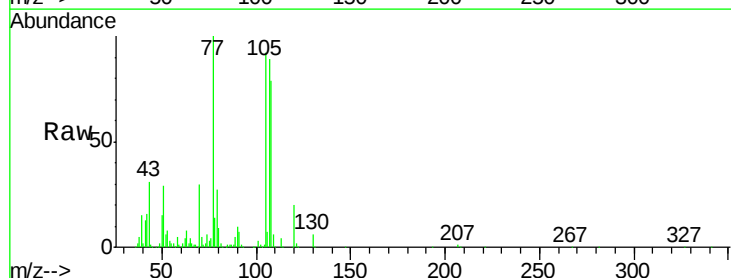
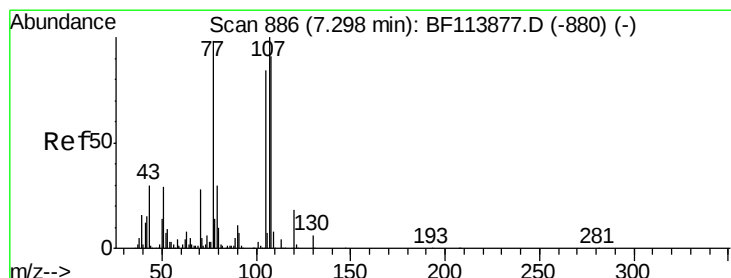
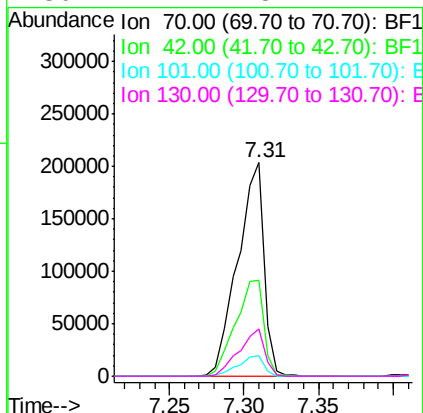




#19
n-Nitroso-di-n-propylamine
Concen: 37.873 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

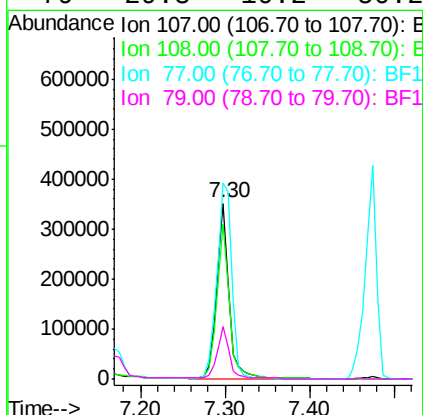
Instrument :
BNA_F
ClientSampleId :
PB119131BS

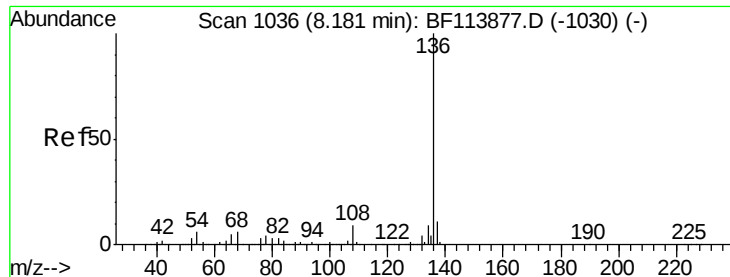
Tot Ion:	70	Resp:	250661
Ion	Ratio	Lower	Upper
70	100		
42	45.0	37.3	55.9
101	9.6	7.8	11.8
130	22.4	18.2	27.2



#20
3+4-Methylphenols
Concen: 40.654 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion:	107	Resp:	374445
Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.1	110.1
77	111.8	52.9	92.9
79	29.8	10.2	50.2

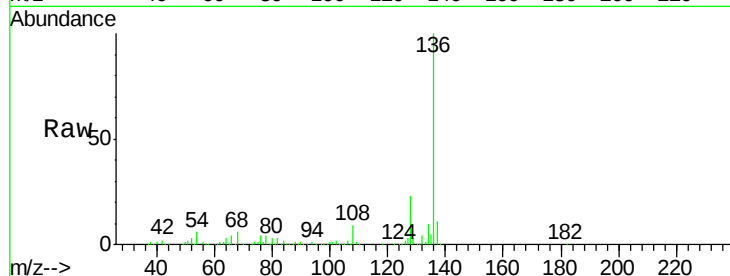




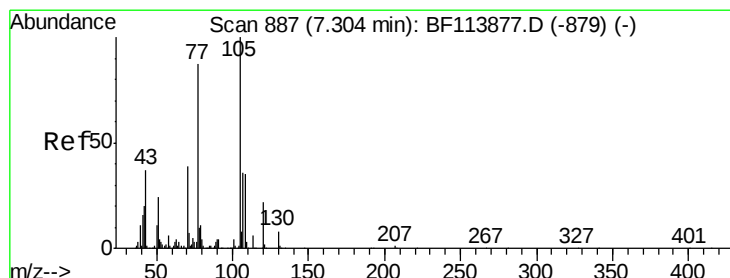
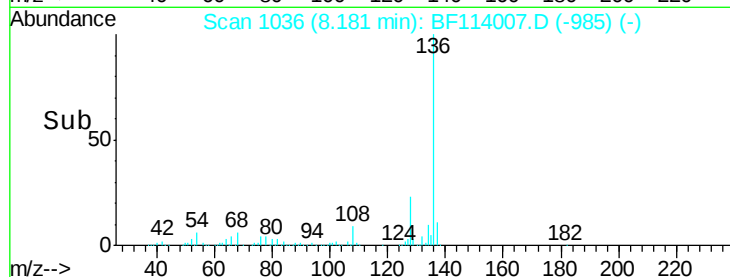
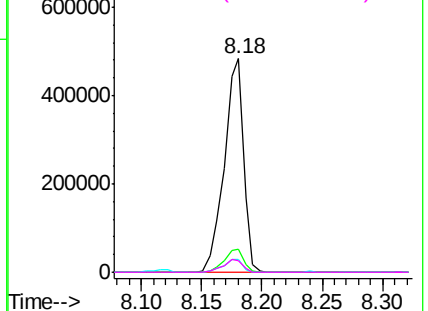
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Instrument :
BNA_F
ClientSampleId :
PB119131BS

Tot Ion:136	Resp:	533685
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 12.8
54	5.7	5.0 7.6
68	5.6	4.9 7.3

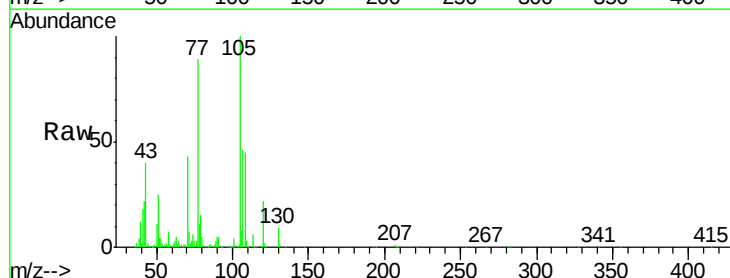


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

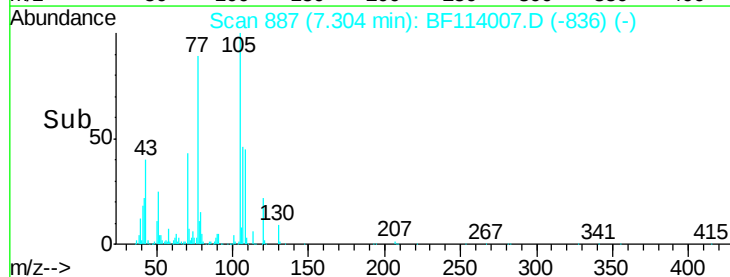
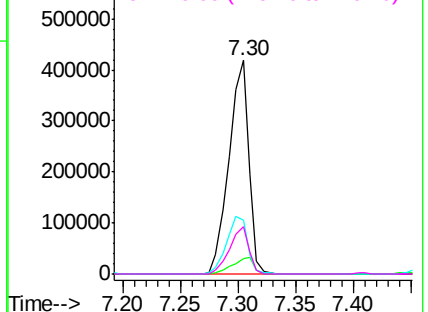


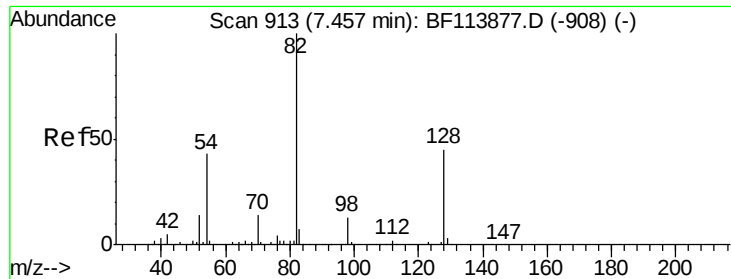
#22
Acetophenone
Concen: 41.882 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion:105	Resp:	497404
Ion	Ratio	Lower Upper
105	100	
71	7.1	6.1 9.1
51	25.0	16.8 25.2
120	22.0	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: 82.567 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

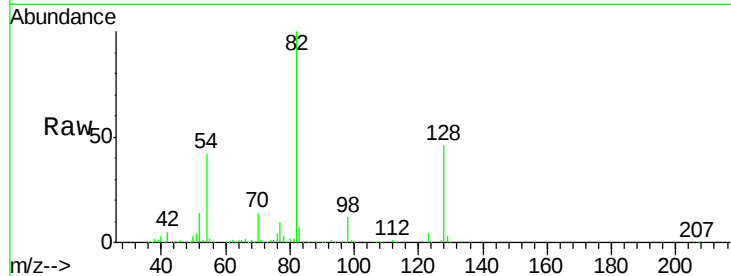
Tot Ion: 82 Resp: 713670

Ion Ratio Lower Upper

82 100

128 46.5 36.8 55.2

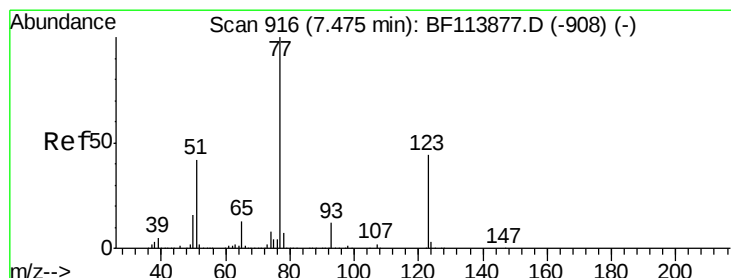
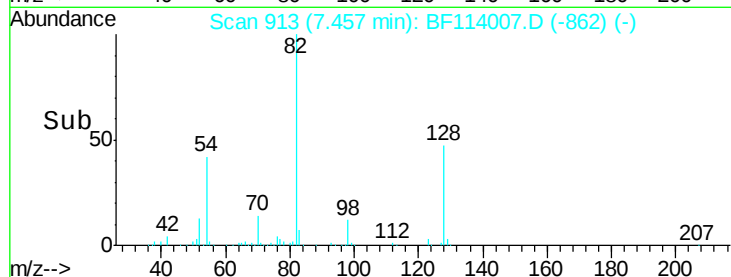
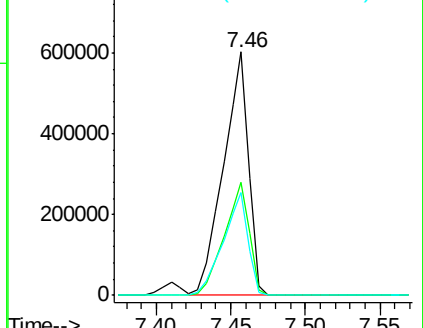
54 42.3 33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.521 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

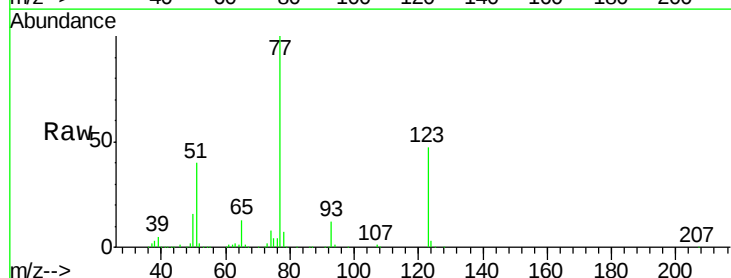
Tgt Ion: 77 Resp: 387005

Ion Ratio Lower Upper

77 100

123 46.8 36.3 54.5

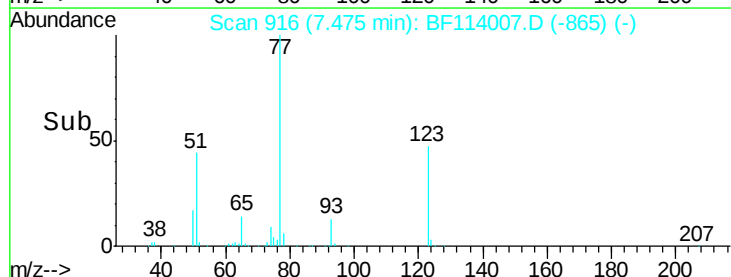
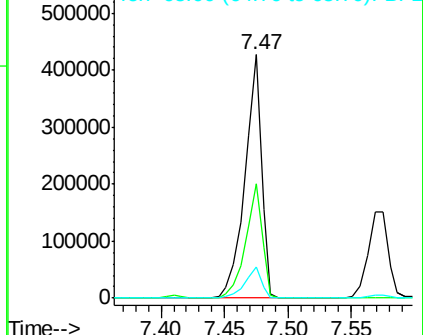
65 12.6 10.3 15.5

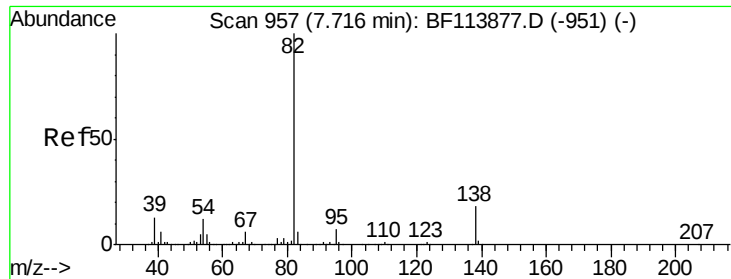


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.615 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

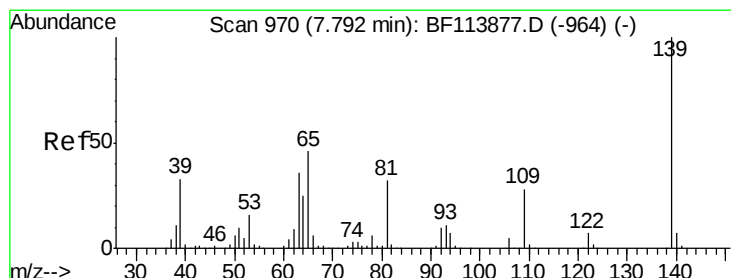
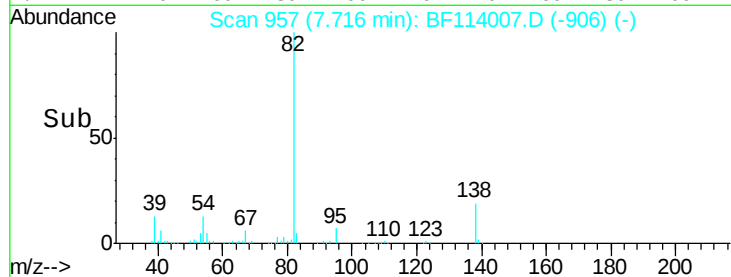
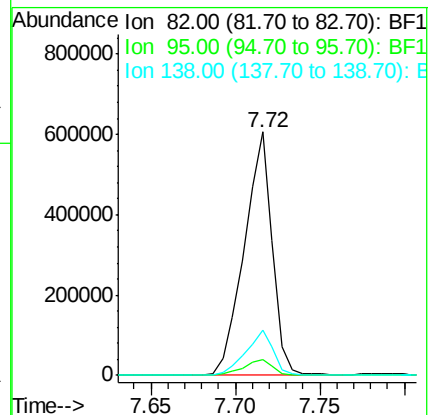
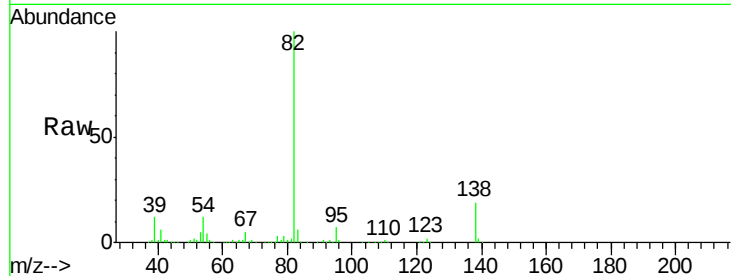
Tot Ion: 82 Resp: 700635

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 18.5 14.6 22.0



#26

2-Nitrophenol

Concen: 45.295 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

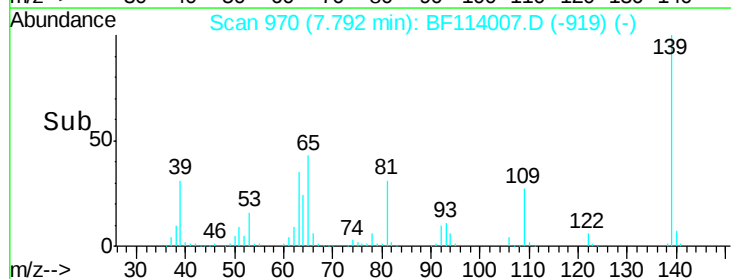
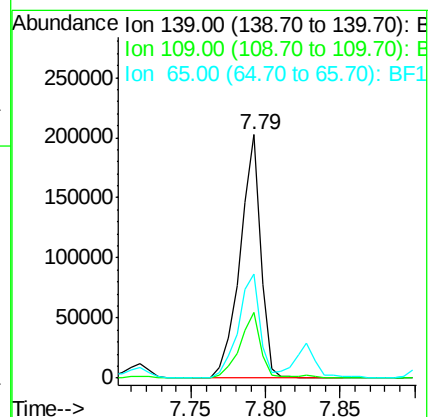
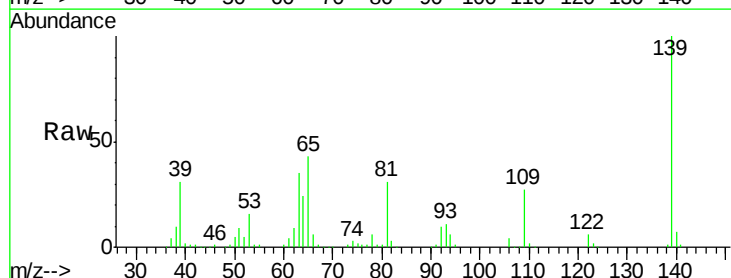
Tgt Ion: 139 Resp: 197354

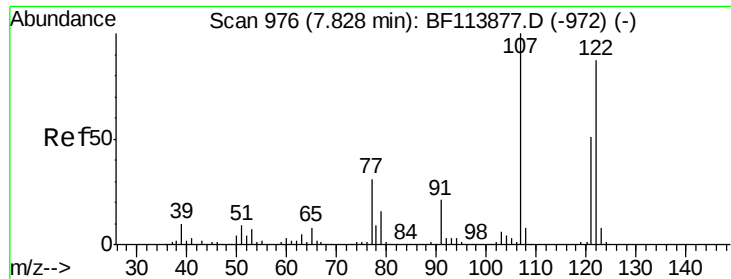
Ion Ratio Lower Upper

139 100

109 26.9 20.6 31.0

65 42.6 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 49.312 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

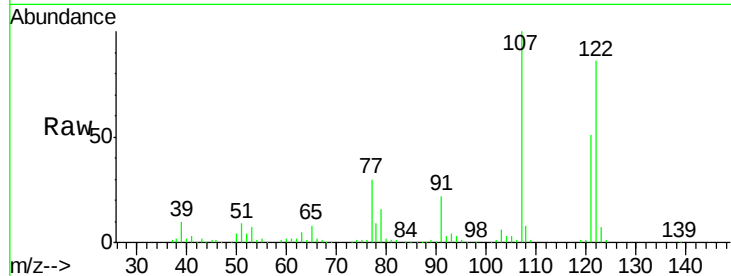
Tot Ion:122 Resp: 350061

Ion Ratio Lower Upper

122 100

107 116.4 91.2 136.8

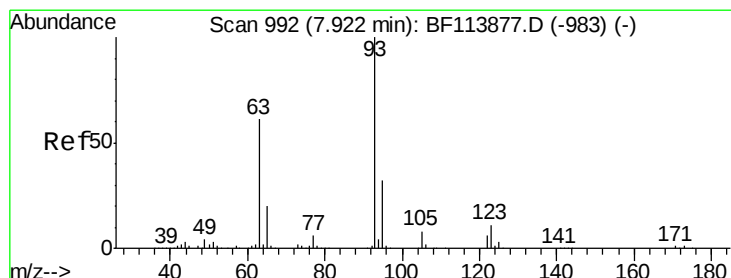
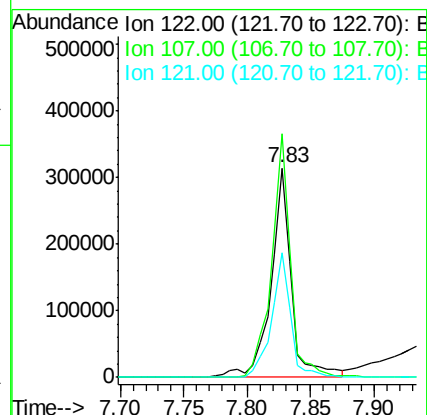
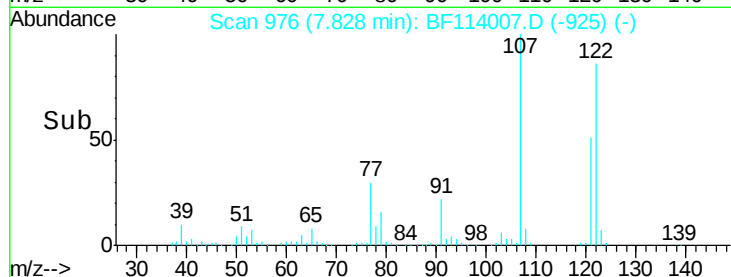
121 59.3 46.4 69.6



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: 39.177 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

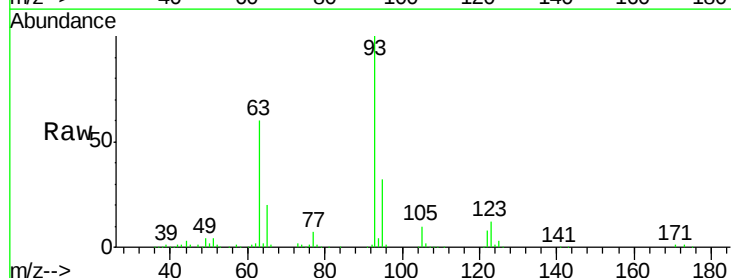
Tgt Ion: 93 Resp: 441518

Ion Ratio Lower Upper

93 100

95 31.5 25.8 38.6

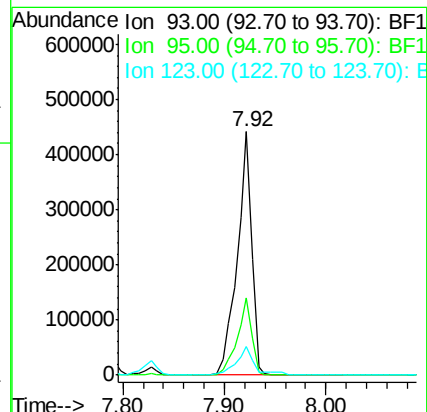
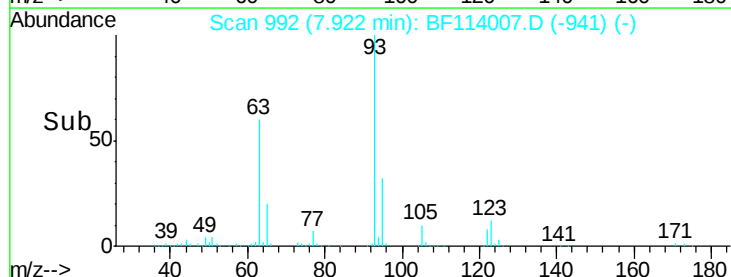
123 11.7 9.0 13.6

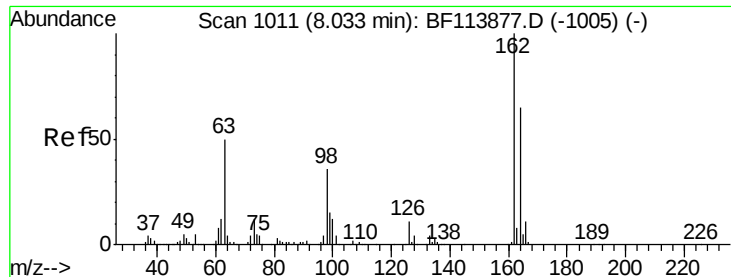


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

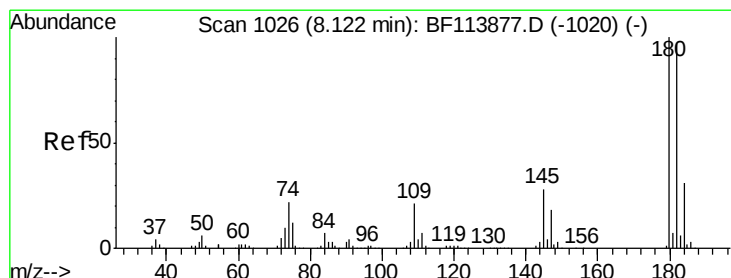
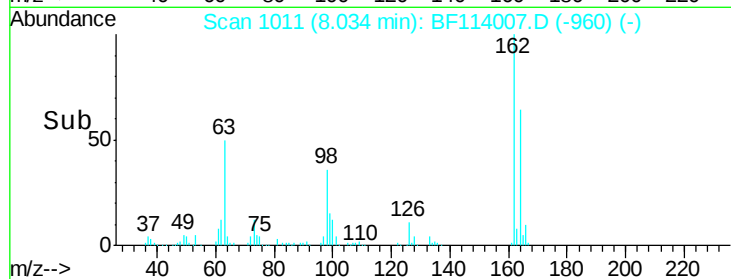
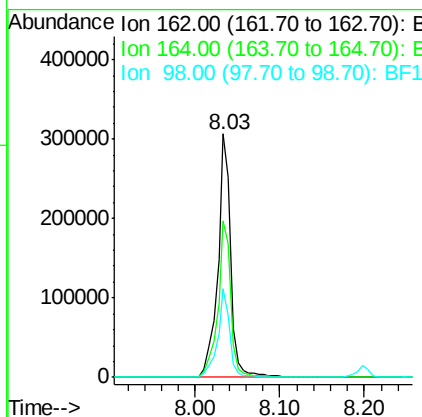
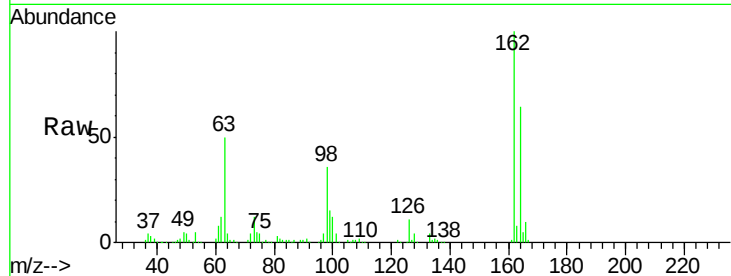




#29
2,4-Dichlorophenol
Concen: 41.193 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

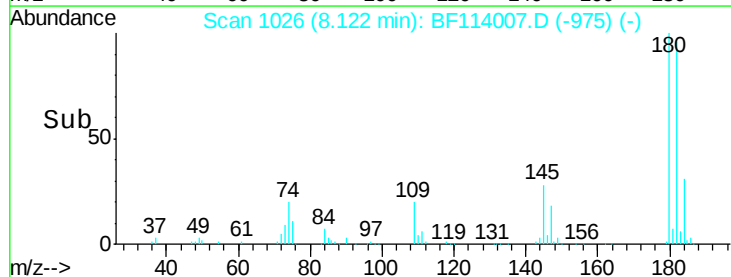
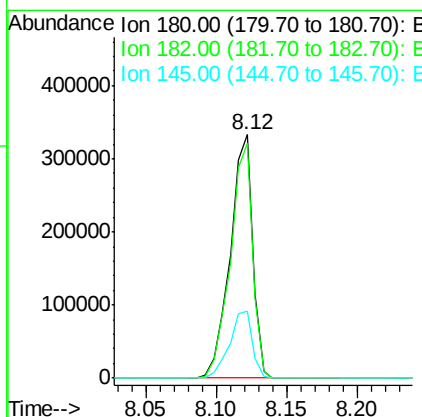
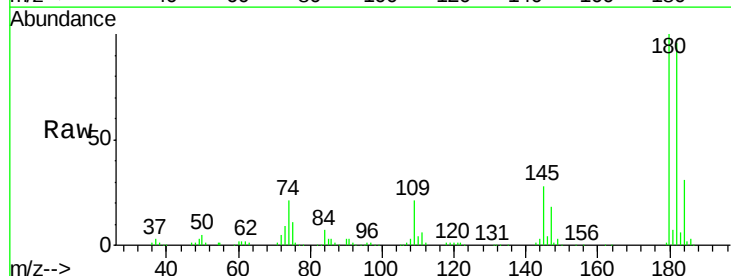
Instrument :
BNA_F
ClientSampleId :
PB119131BS

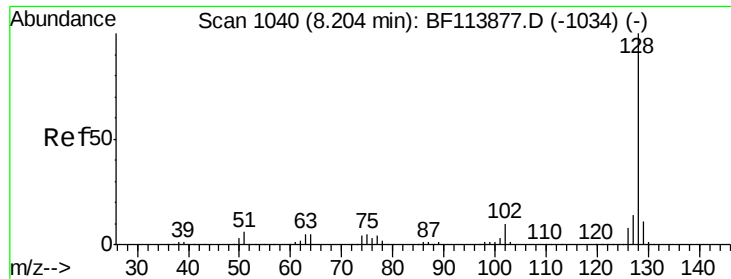
Tot Ion:162 Resp: 334392
Ion Ratio Lower Upper
162 100
164 64.4 43.7 83.7
98 36.2 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 40.582 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion:180 Resp: 367321
Ion Ratio Lower Upper
180 100
182 96.4 75.4 113.0
145 27.6 23.0 34.4





#31

Naphthalene

Concen: 41.272 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

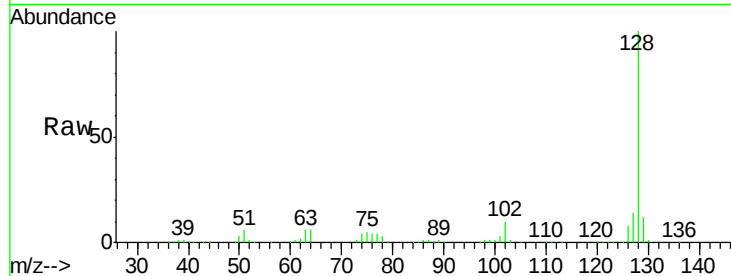
Tot Ion:128 Resp: 1046365

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

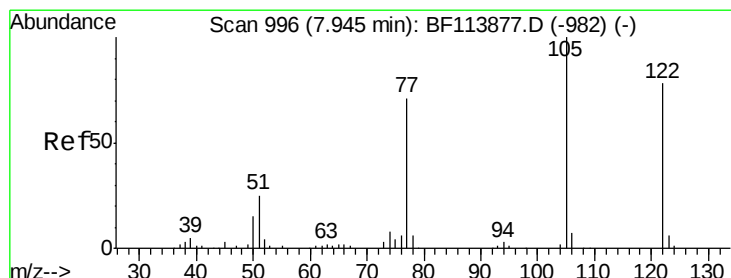
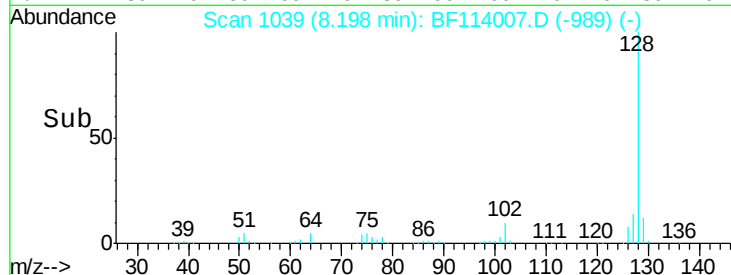
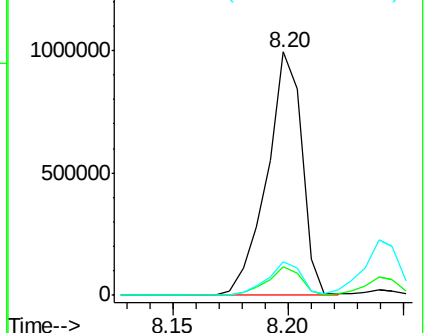
127 13.7 10.8 16.2



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: 41.230 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

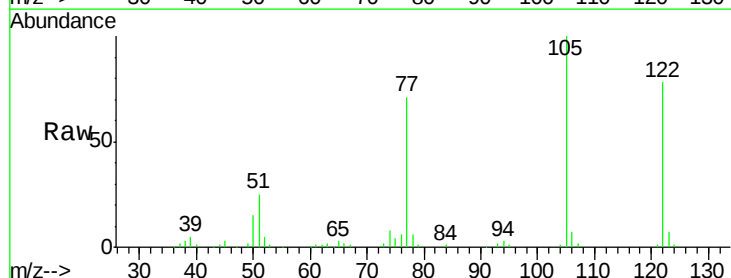
Tgt Ion:122 Resp: 197658

Ion Ratio Lower Upper

122 100

105 127.8 104.3 144.3

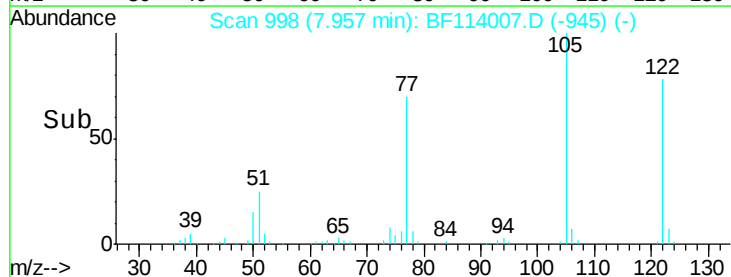
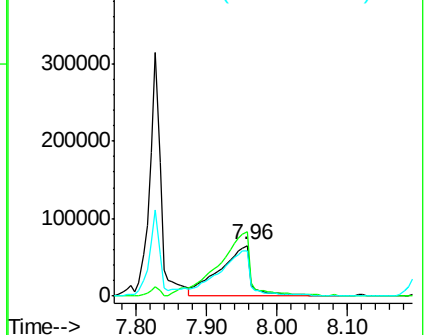
77 90.6 70.4 110.4

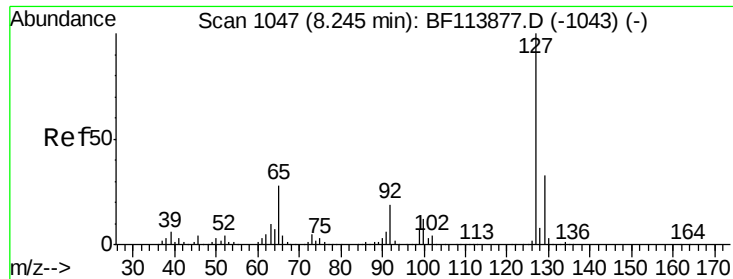


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

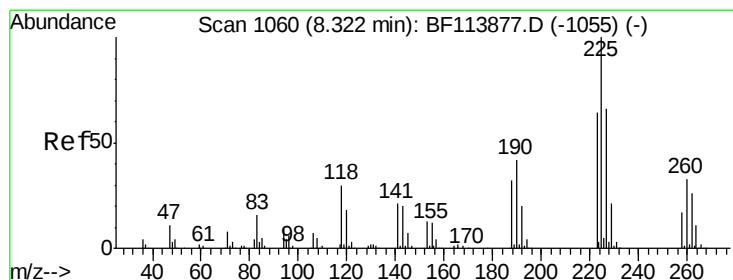
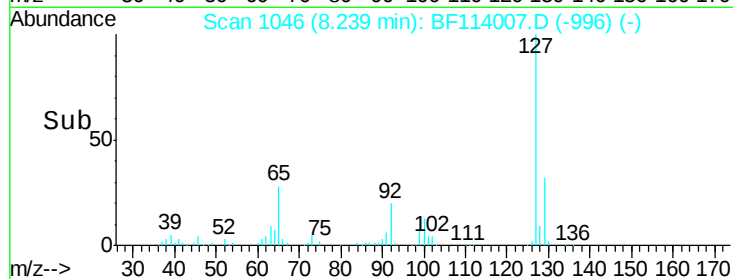
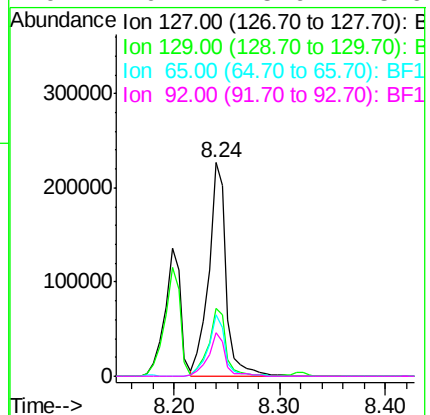
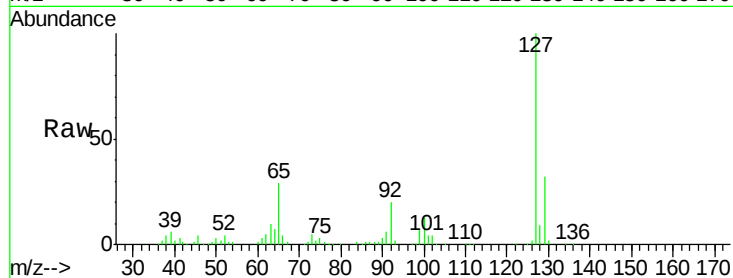




#33
4-Chloroaniline
Concen: 24.481 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

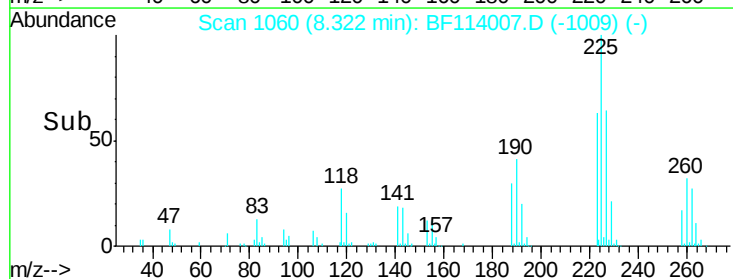
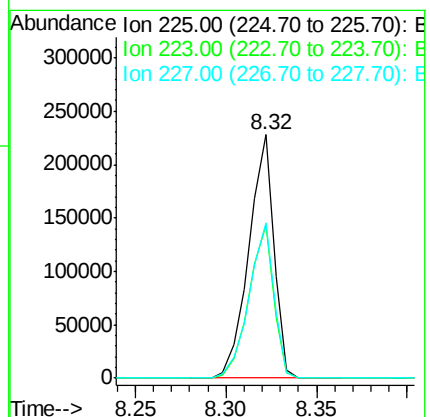
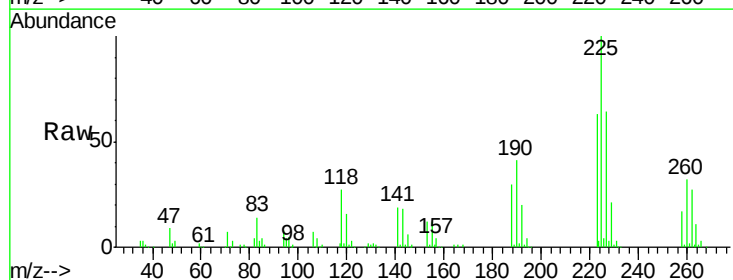
Instrument :
BNA_F
ClientSampleId :
PB119131BS

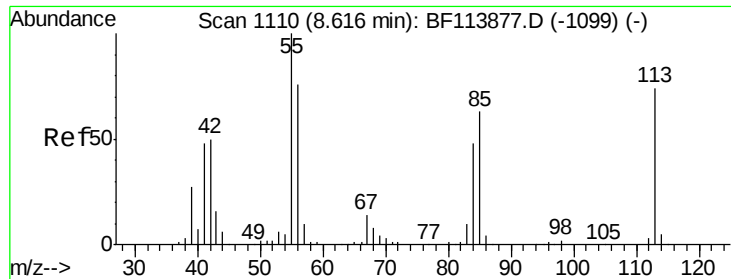
Tot Ion:	127	Resp:	262620
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.4	39.6
65	29.0	24.9	37.3
92	20.2	15.9	23.9



#34
Hexachlorobutadiene
Concen: 38.787 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion:	225	Resp:	218858
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.1	76.7
227	63.6	49.9	74.9

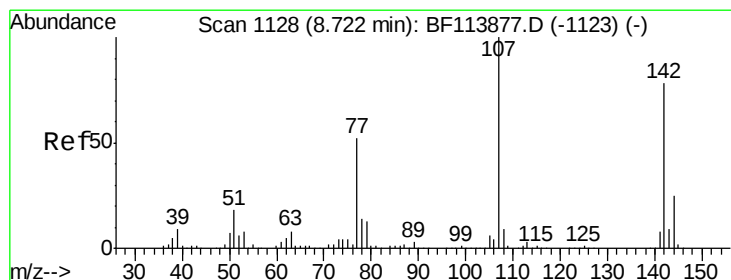
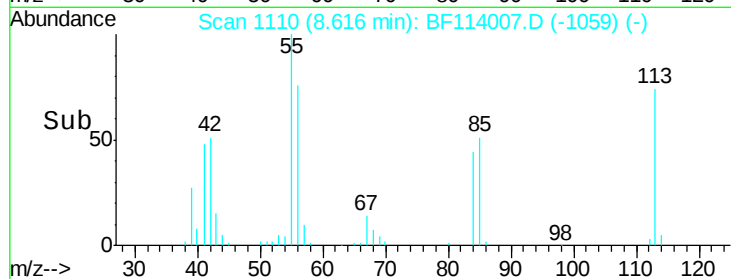
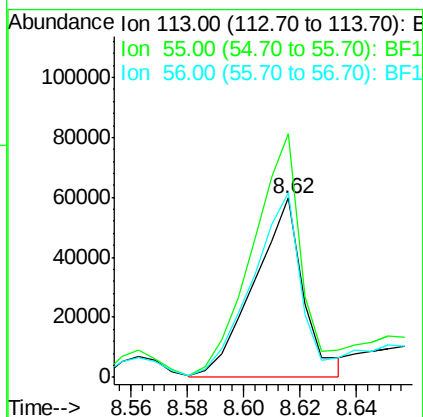
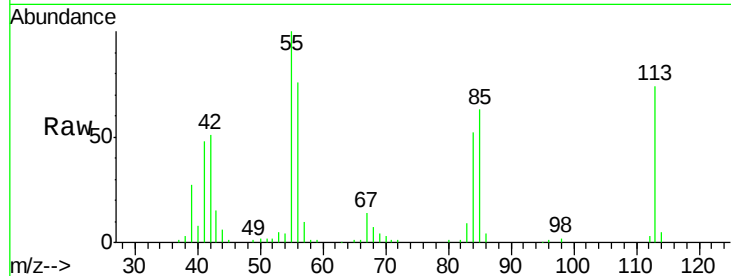




#35
 Caprolactam
 Concen: 27.906 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

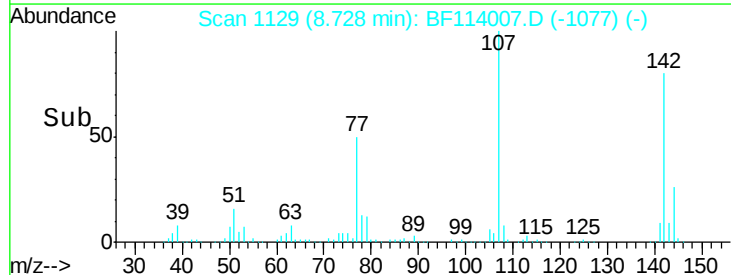
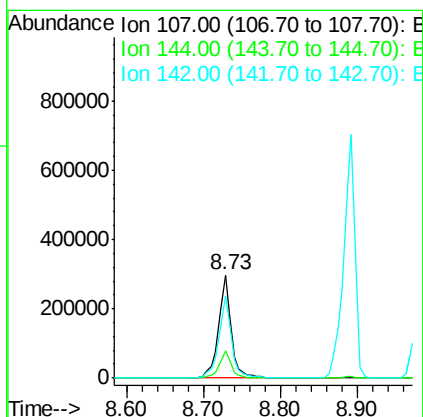
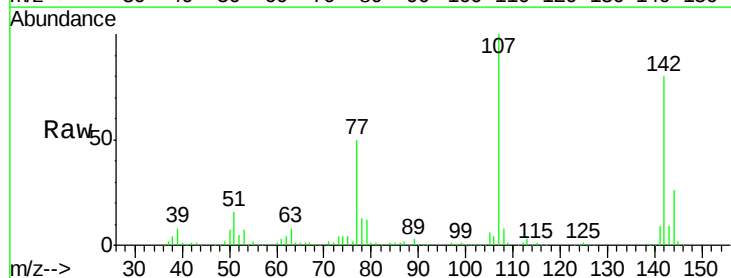
Instrument :
 BNA_F
 ClientSampleId :
 PB119131BS

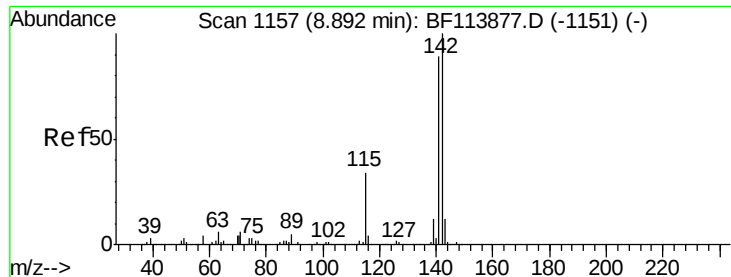
Tot Ion:113 Resp: 72062
 Ion Ratio Lower Upper
 113 100
 55 135.7 128.6 168.6
 56 103.3 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.962 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

Tgt Ion:107 Resp: 337479
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 79.5 64.2 96.4

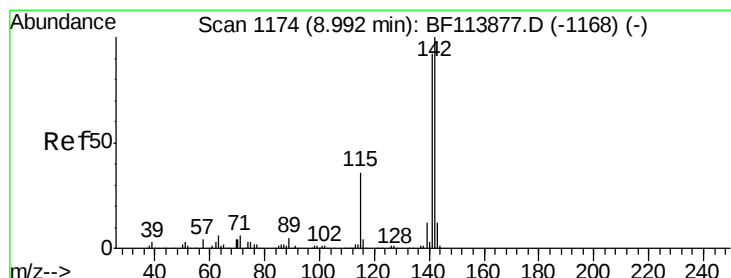
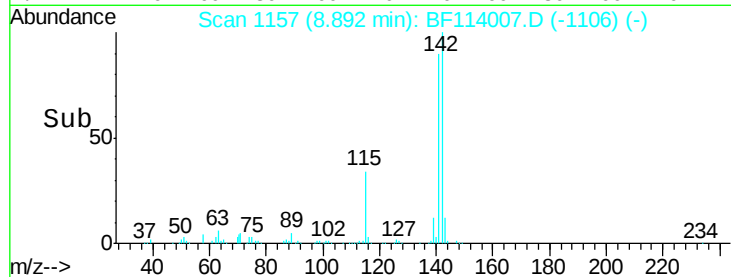
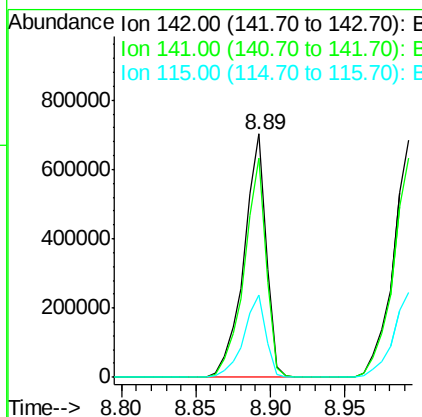
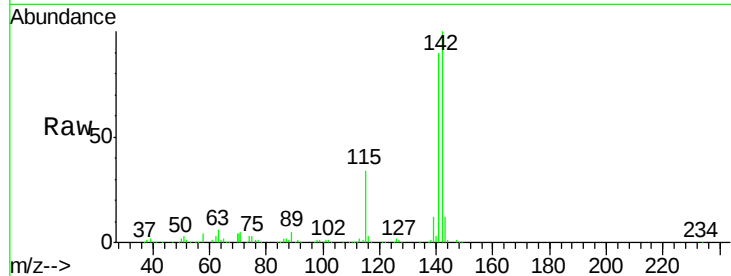




#37
2-Methylnaphthalene
Concen: 42.474 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

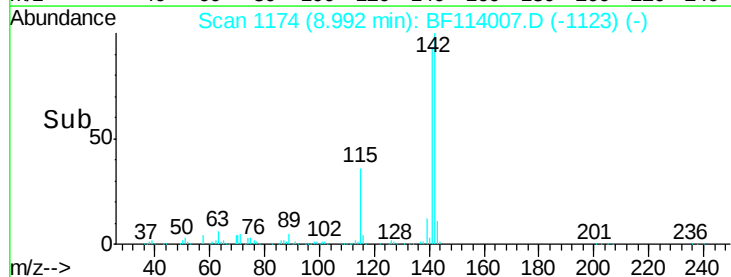
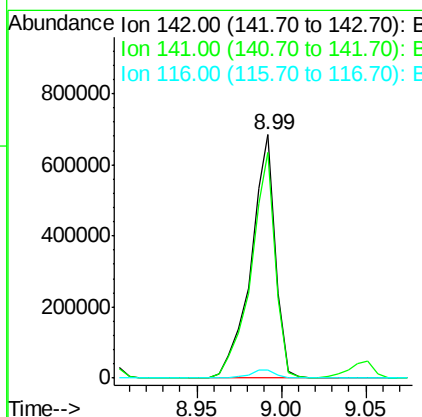
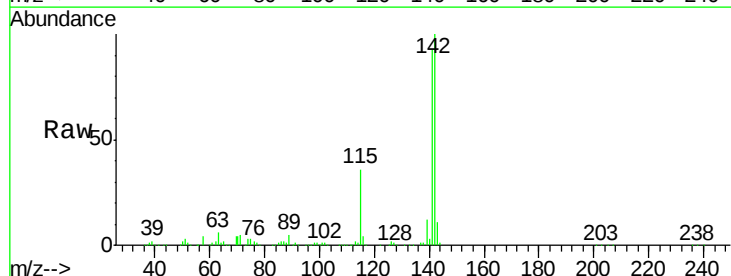
Instrument :
BNA_F
ClientSampleId :
PB119131BS

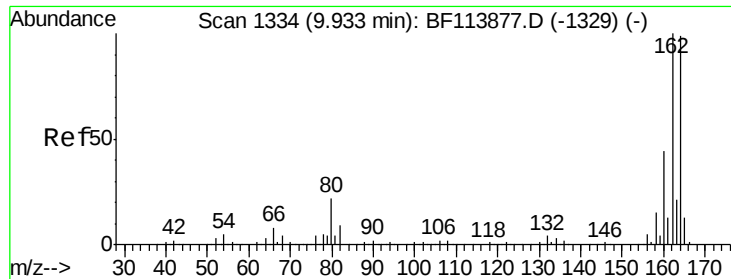
Tot Ion:142 Resp: 726152
Ion Ratio Lower Upper
142 100
141 89.9 70.4 105.6
115 33.9 26.3 39.5



#38
1-Methylnaphthalene
Concen: 41.564 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion:142 Resp: 685849
Ion Ratio Lower Upper
142 100
141 92.6 72.3 108.5
116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

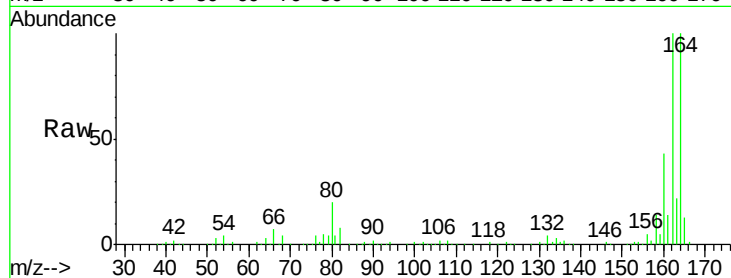
Tot Ion:164 Resp: 294885

Ion Ratio Lower Upper

164 100

162 100.2 81.1 121.7

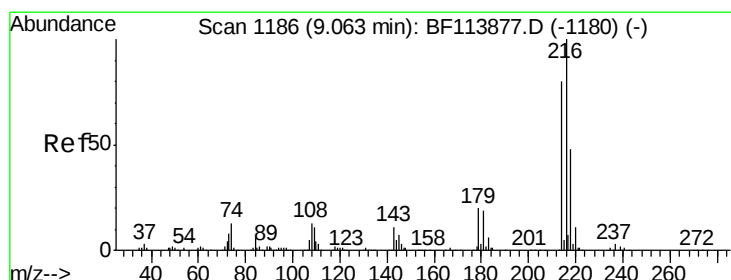
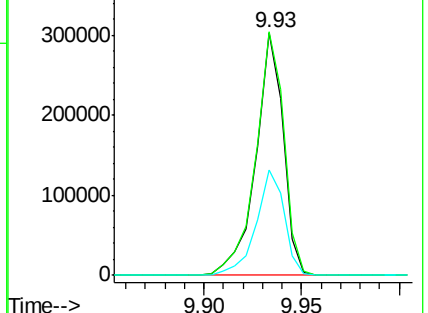
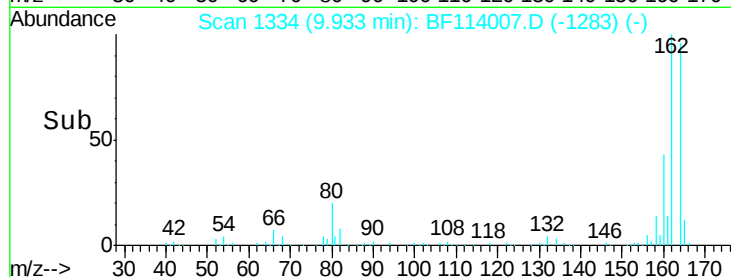
160 43.2 35.8 53.6



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: 38.207 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Tgt Ion:216 Resp: 365977

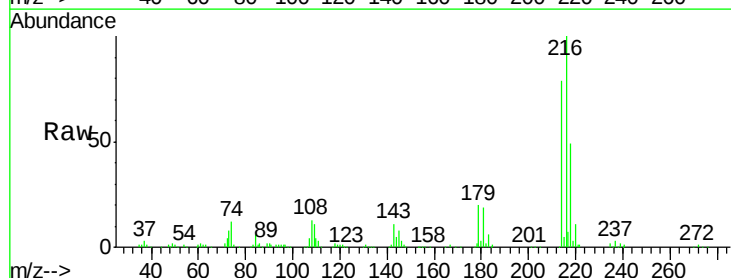
Ion Ratio Lower Upper

216 100

214 78.8 63.5 95.3

179 20.8 16.1 24.1

108 18.3 13.4 20.0

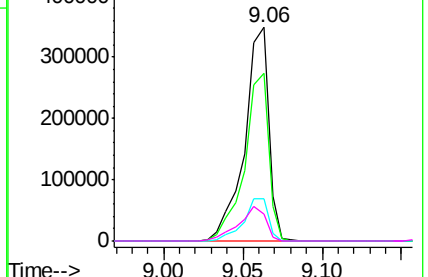
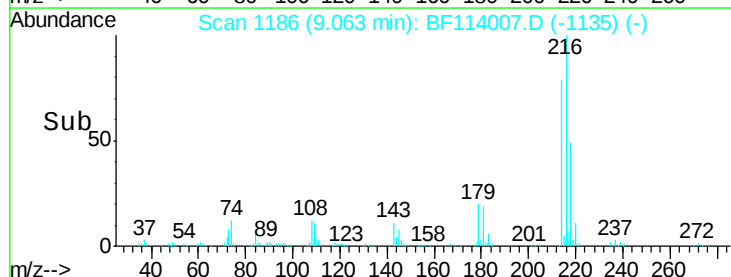


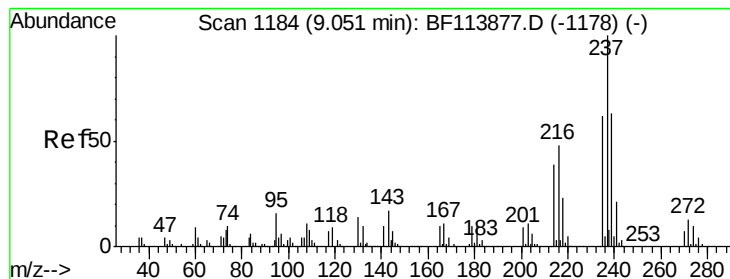
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.616 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

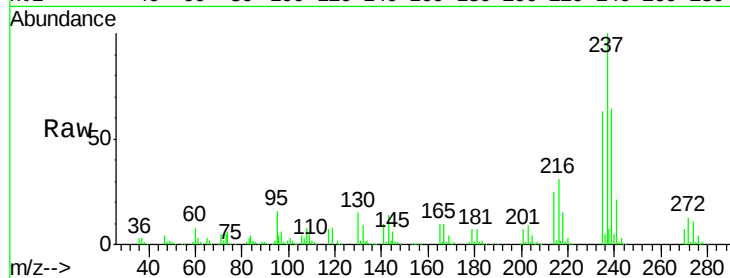
Tot Ion:237 Resp: 462663

Ion Ratio Lower Upper

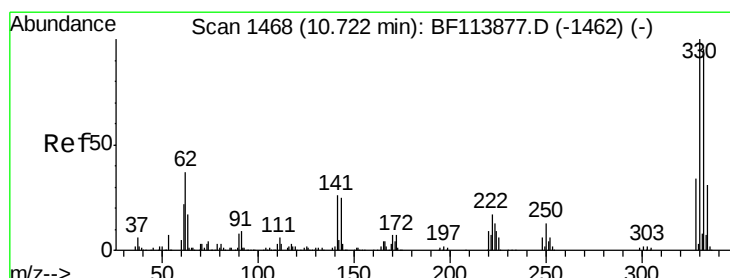
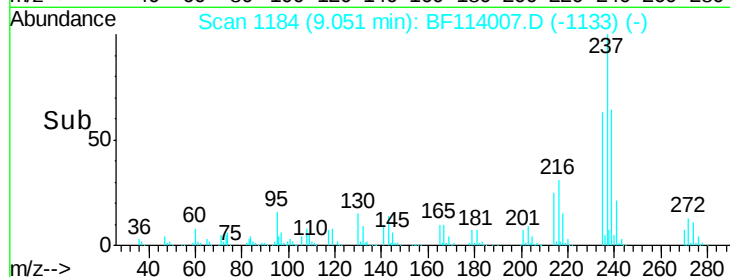
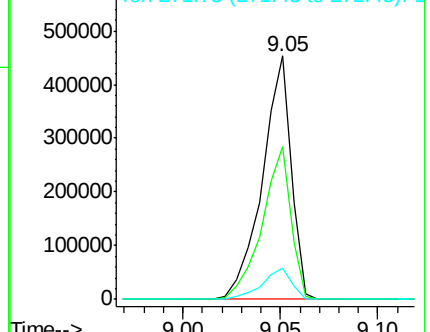
237 100

235 62.7 42.6 82.6

272 12.8 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: 130.116 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

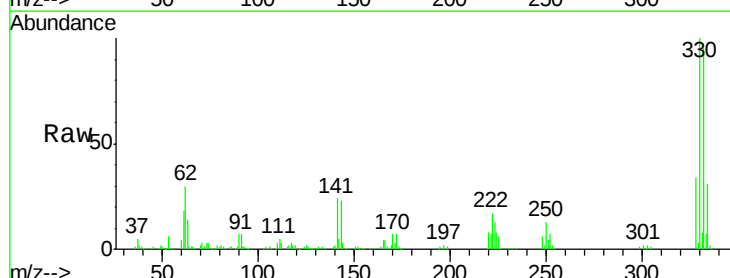
Tgt Ion:330 Resp: 467417

Ion Ratio Lower Upper

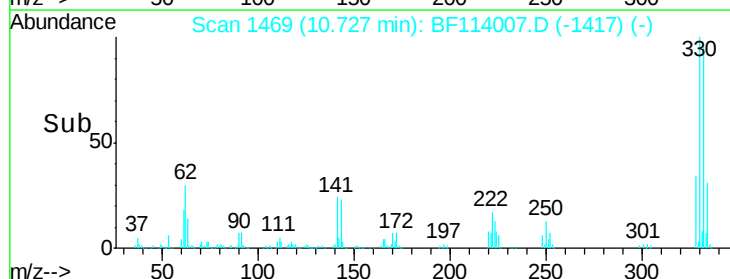
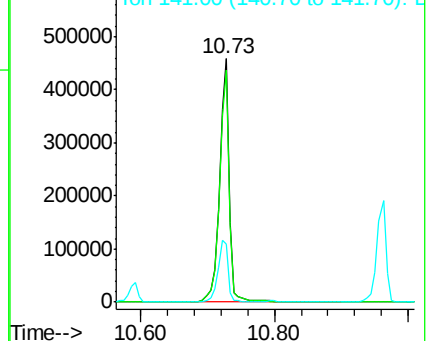
330 100

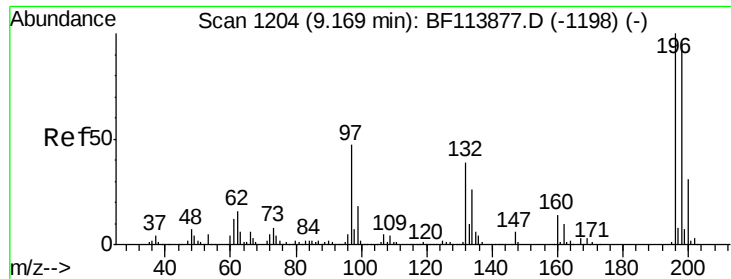
332 96.6 77.5 116.3

141 27.3 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

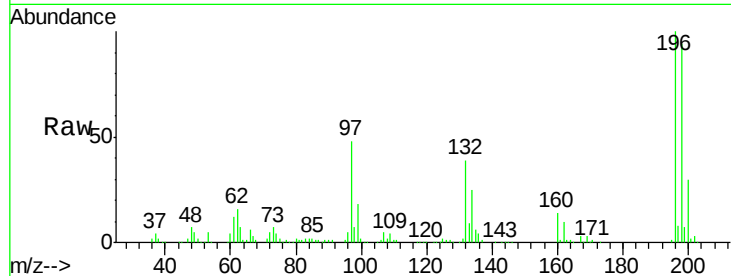




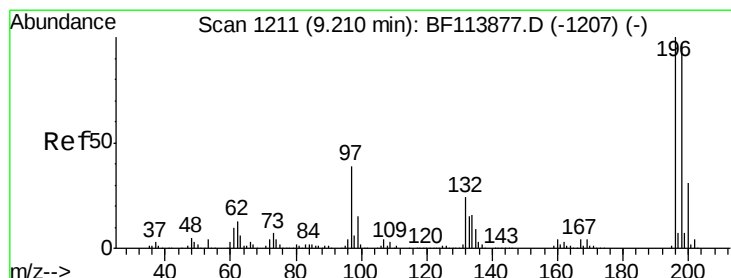
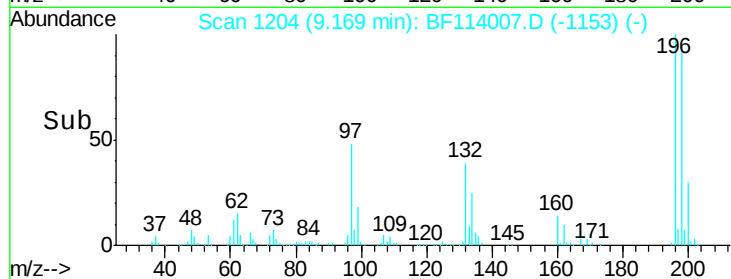
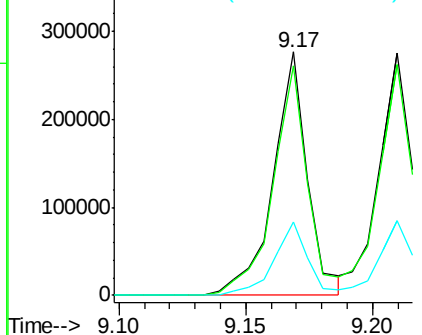
#43
 2,4,6-Trichlorophenol
 Concen: 43.138 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

Instrument :
 BNA_F
 ClientSampled :
 PB119131BS

Tot Ion:196 Resp: 262388
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.6 113.4
 200 30.2 24.7 37.1

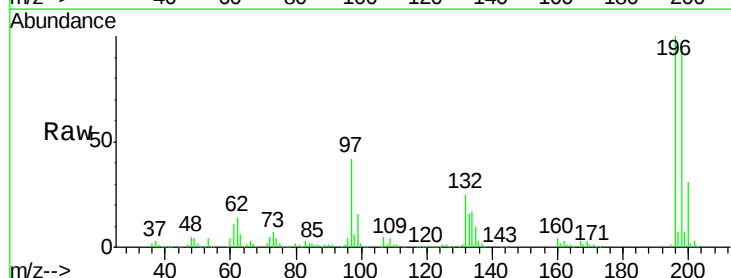


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

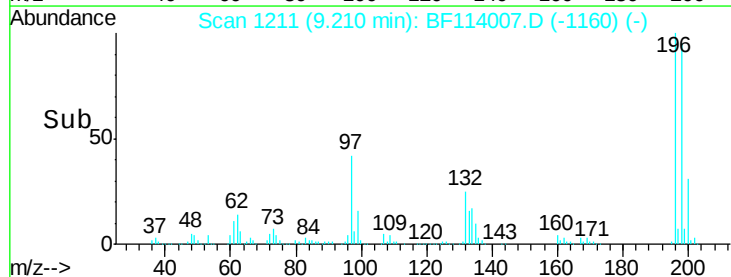
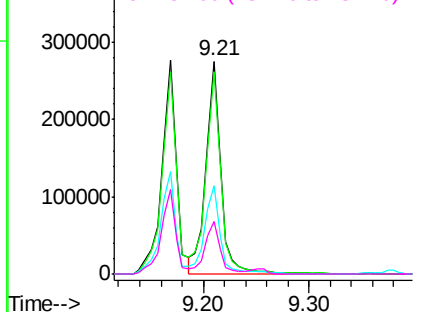


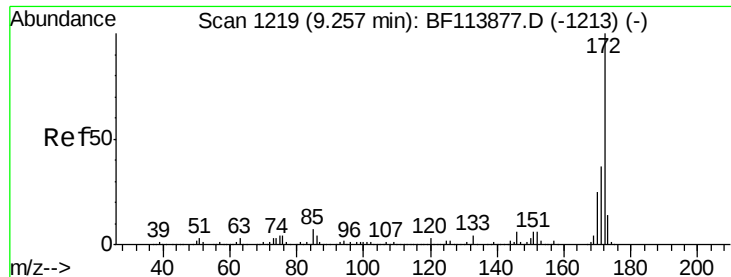
#44
 2,4,5-Trichlorophenol
 Concen: 40.062 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

Tgt Ion:196 Resp: 273321
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.2 114.4
 97 41.6 35.8 53.8
 132 24.9 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: 79.055 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

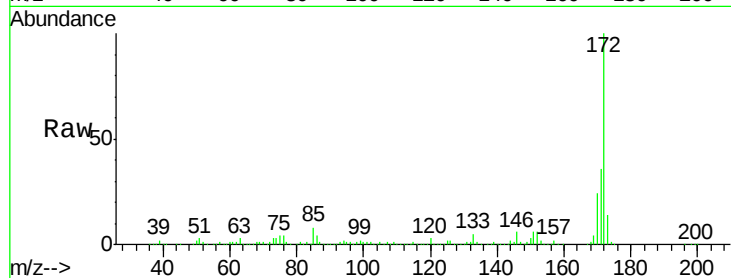
Tot Ion:172 Resp: 1490524

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

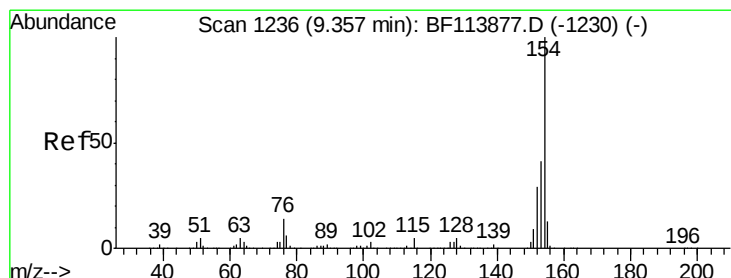
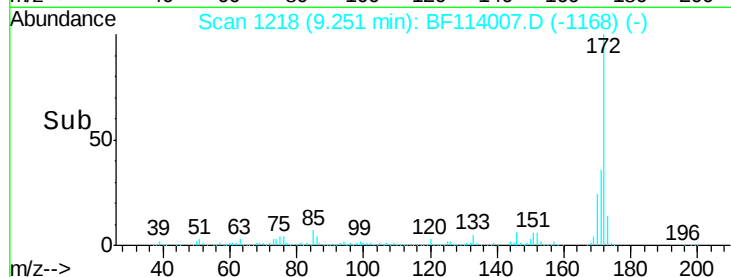
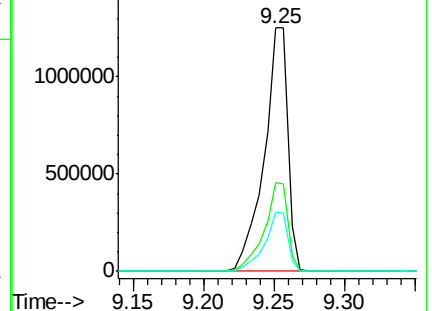
170 24.2 19.9 29.9



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: 40.099 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

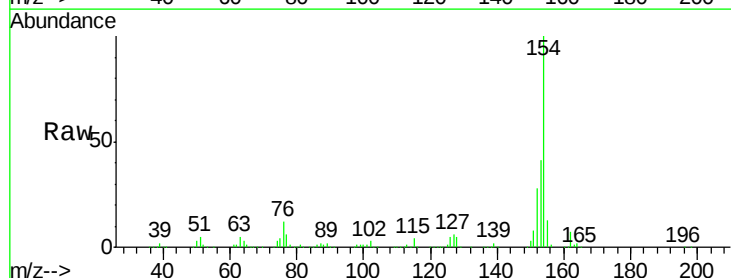
Tgt Ion:154 Resp: 903312

Ion Ratio Lower Upper

154 100

153 40.9 20.8 60.8

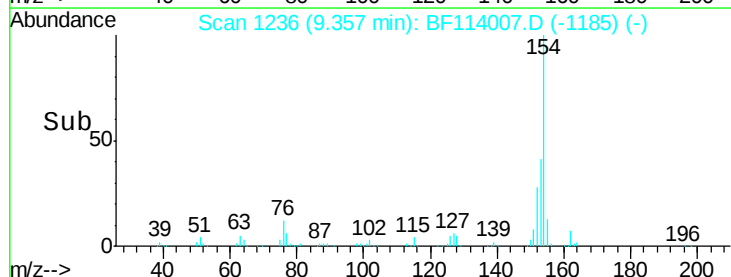
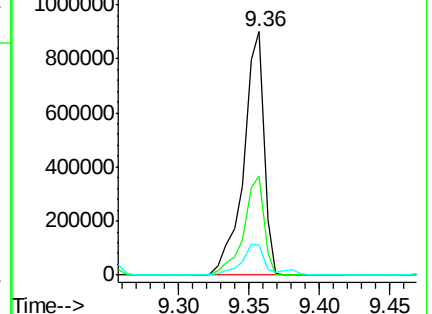
76 12.2 0.0 35.2

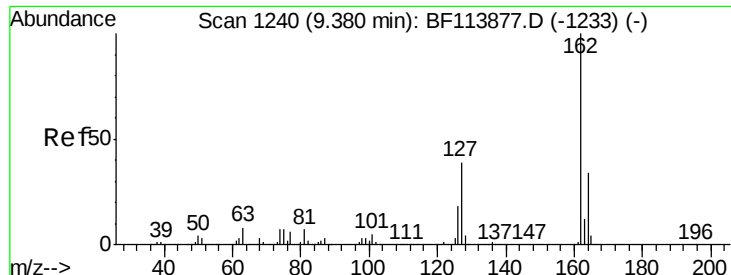


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

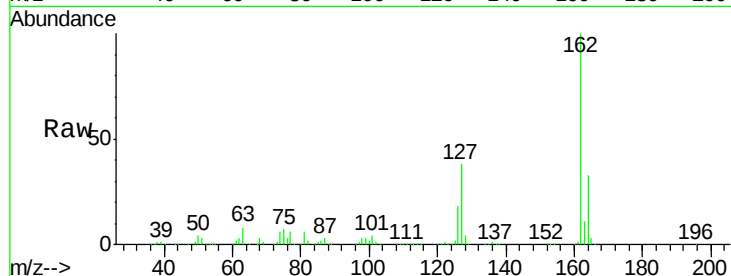




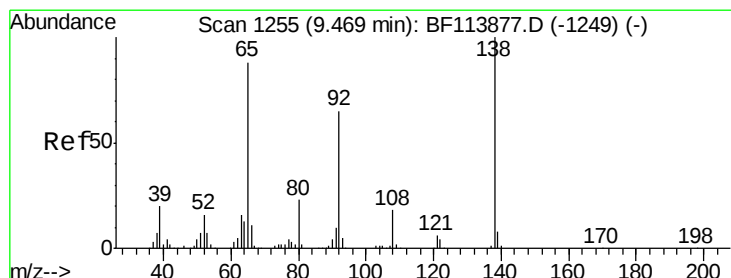
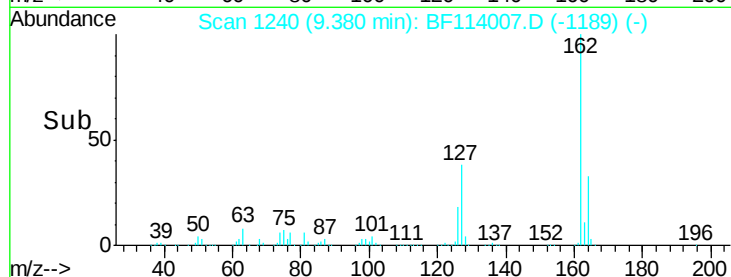
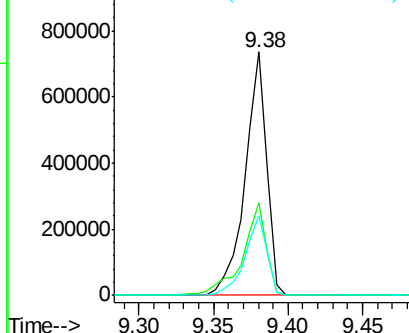
#47
2-Chloronaphthalene
Concen: 39.986 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Instrument :
BNA_F
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	29.3	43.9
164	32.9	27.1	40.7

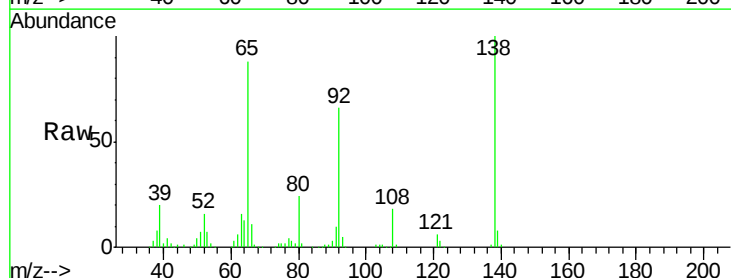


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

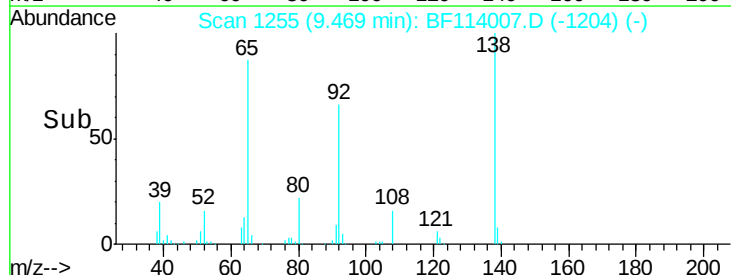
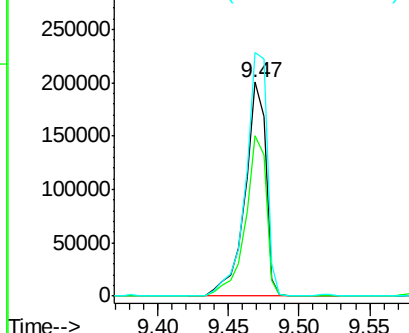


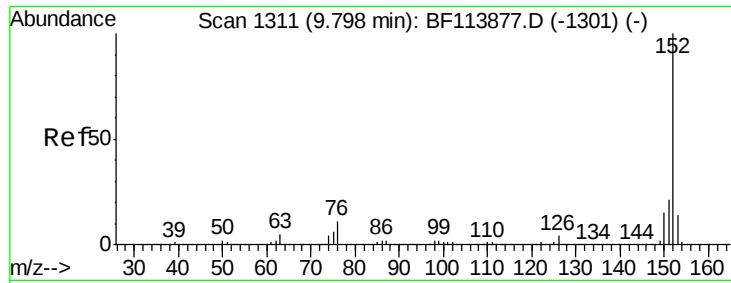
#48
2-Nitroaniline
Concen: 43.148 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	57.4	86.0
138	113.9	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: 39.628 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

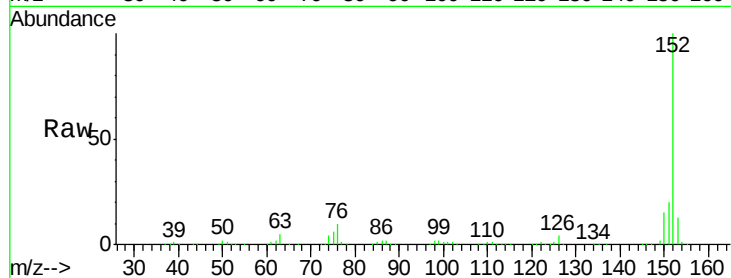
Tot Ion:152 Resp: 1136503

Ion Ratio Lower Upper

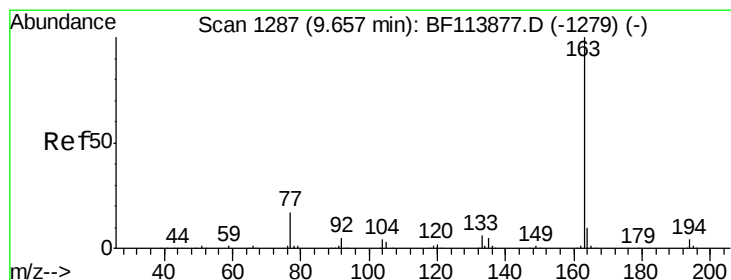
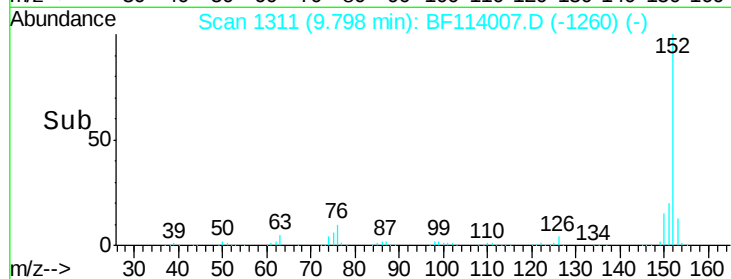
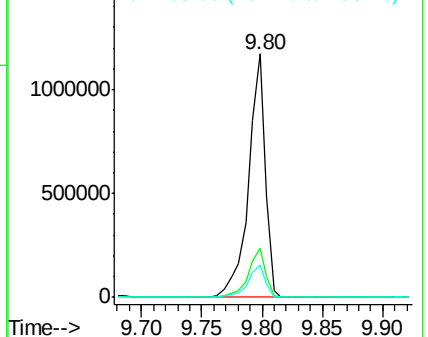
152 100

151 20.3 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: 40.636 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

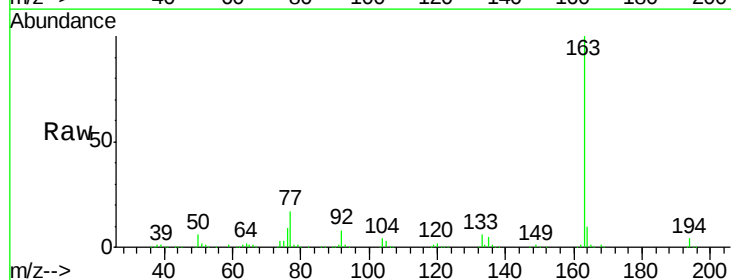
Tgt Ion:163 Resp: 866635

Ion Ratio Lower Upper

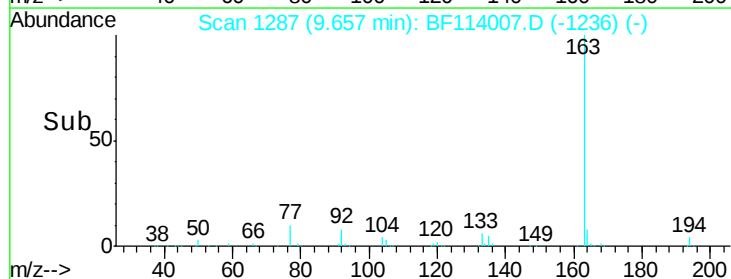
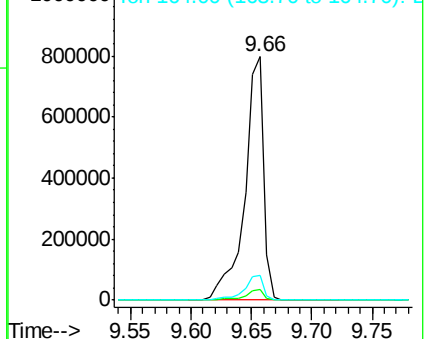
163 100

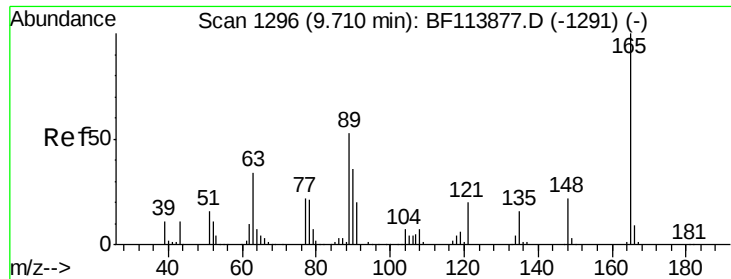
194 4.4 3.4 5.2

164 10.1 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

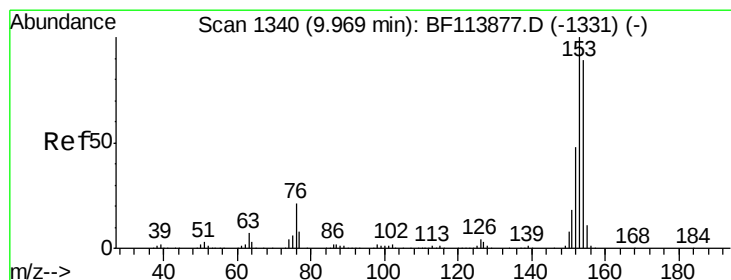
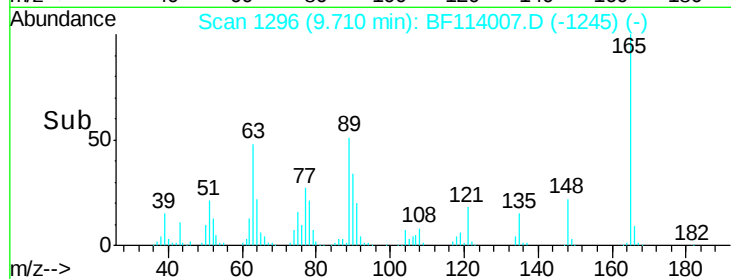
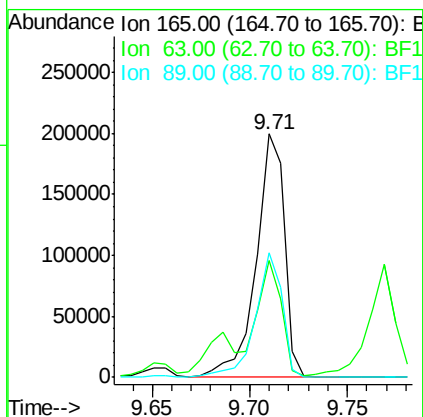
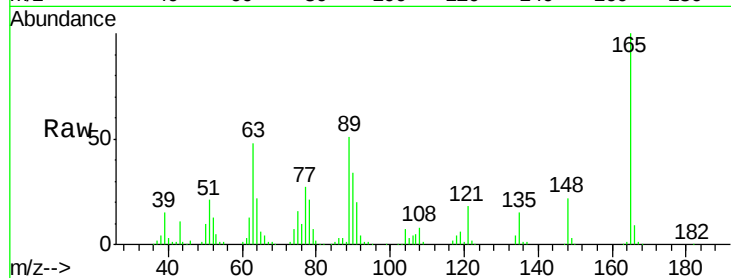




#51
 2,6-Dinitrotoluene
 Concen: 43.878 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

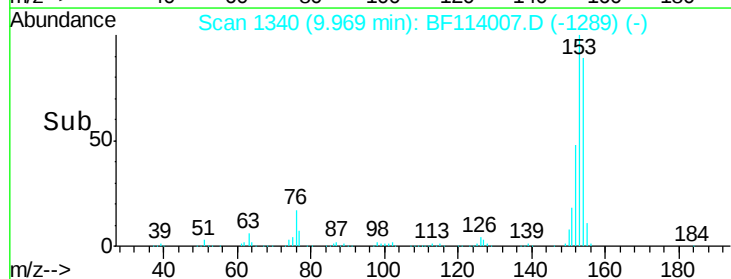
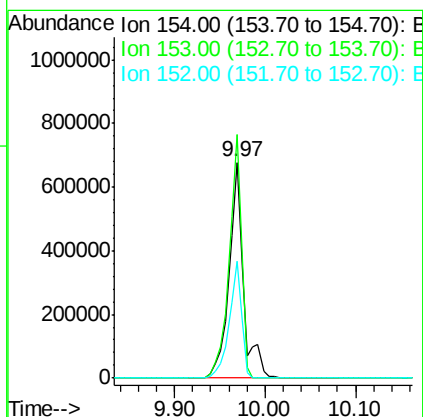
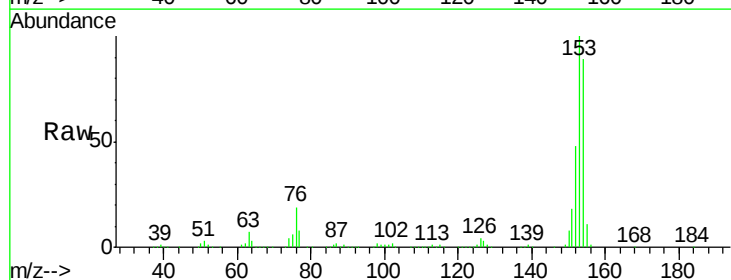
Instrument :
 BNA_F
 ClientSampleId :
 PB119131BS

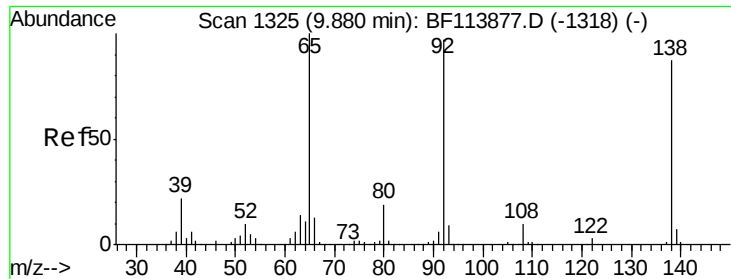
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.8	33.8	50.8
89	51.0	38.2	57.2



#52
 Acenaphthene
 Concen: 44.249 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	87.2	130.8
152	54.1	42.3	63.5

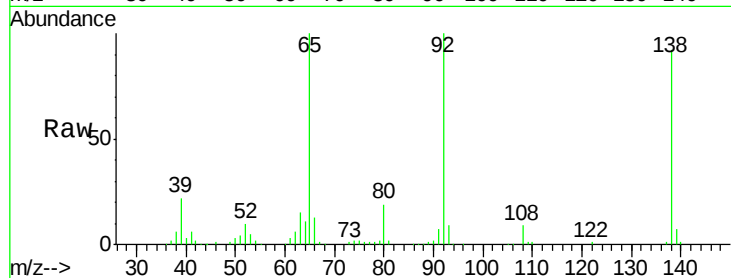




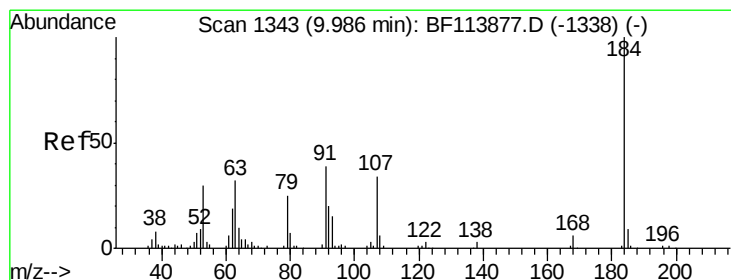
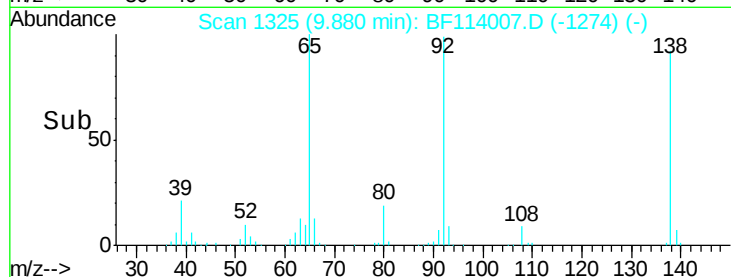
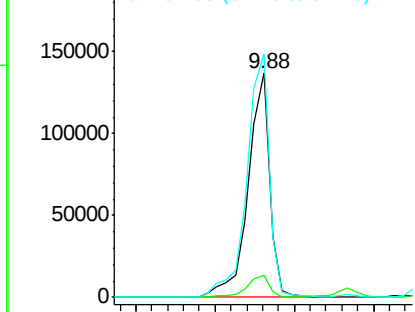
#53
3-Nitroaniline
Concen: 26.811 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Instrument :
BNA_F
ClientSampleId :
PB119131BS

Tot Ion:138 Resp: 128905
Ion Ratio Lower Upper
138 100
108 9.7 9.4 14.2
92 108.7 94.1 141.1

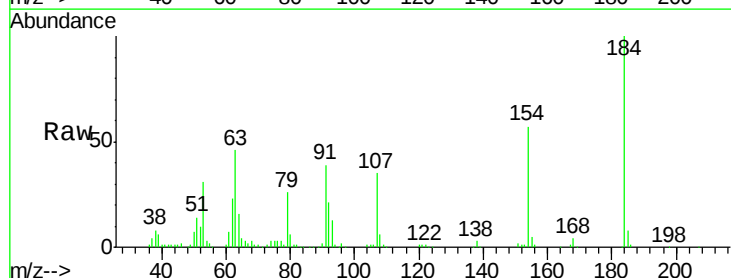


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

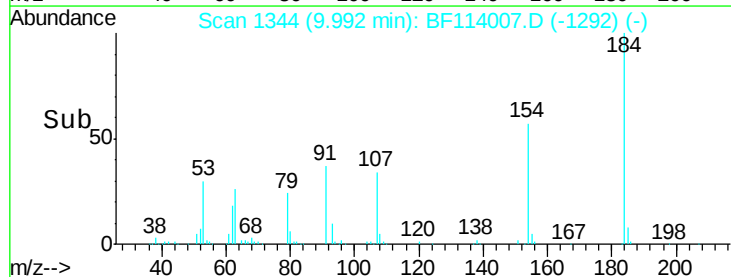
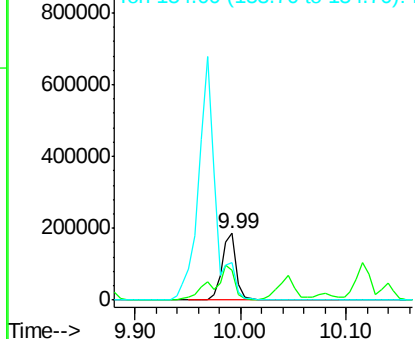


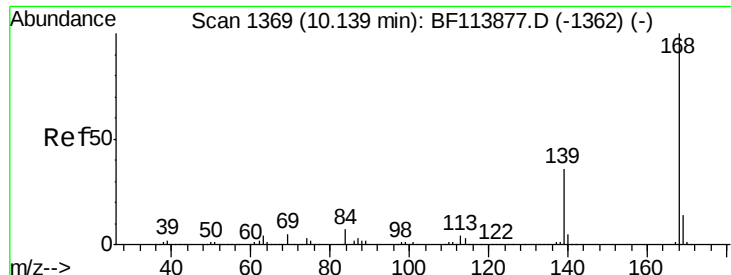
#54
2,4-Dinitrophenol
Concen: 89.378 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion:184 Resp: 179082
Ion Ratio Lower Upper
184 100
63 45.8 54.6 81.8#
154 57.0 218.6 328.0#



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

Dibenzofuran

Concen: 40.872 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

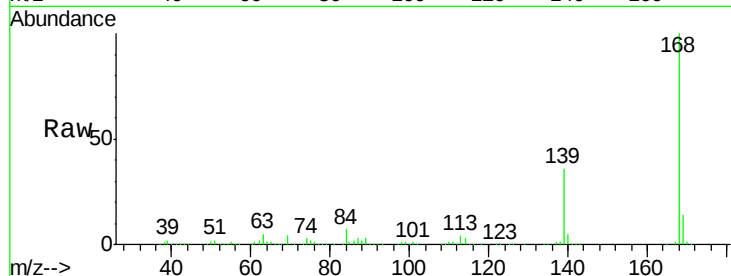
Tot Ion:168 Resp: 1037677

Ion Ratio Lower Upper

168 100

139 36.5 27.8 41.6

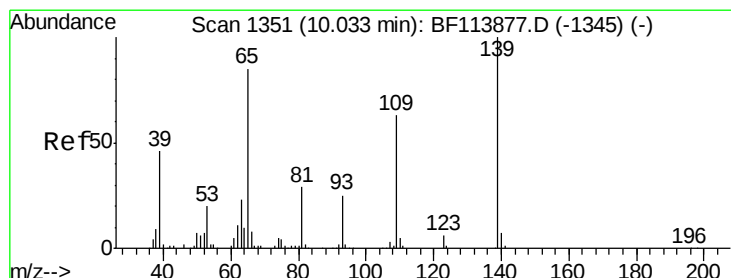
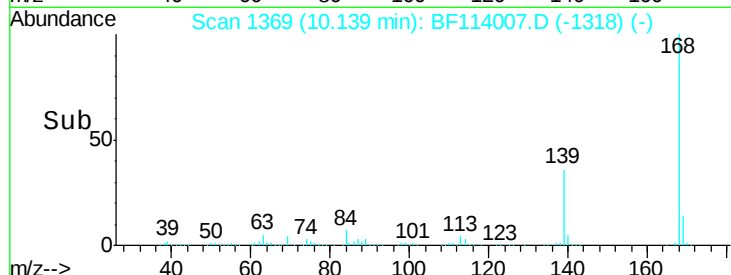
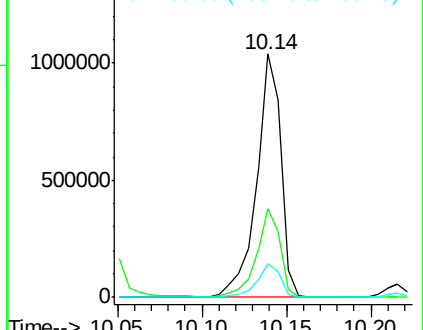
169 13.9 11.0 16.6



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: 81.788 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

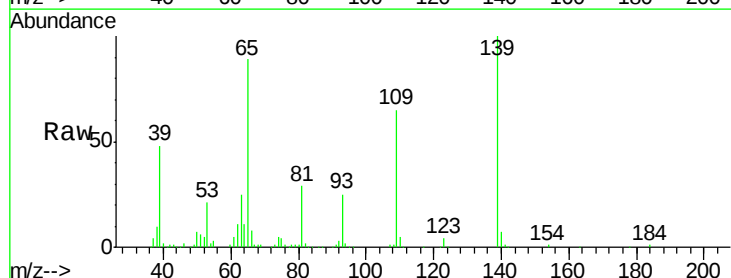
Tgt Ion:139 Resp: 311348

Ion Ratio Lower Upper

139 100

109 65.2 42.9 82.9

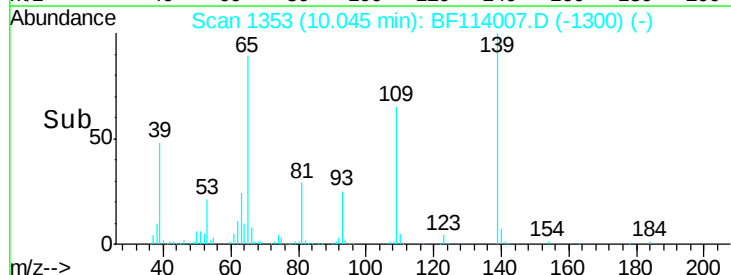
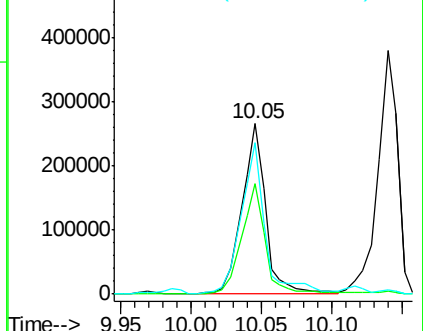
65 88.6 64.4 104.4

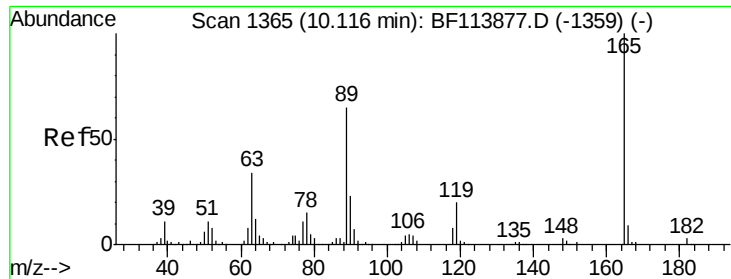


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

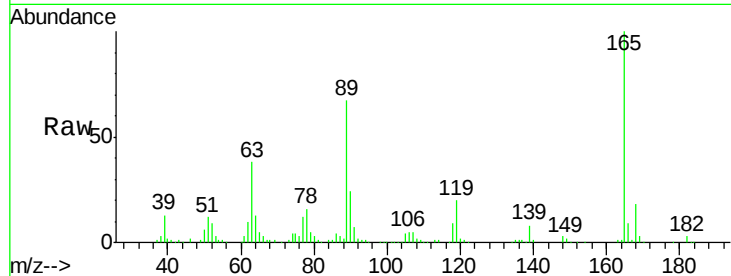




#57
 2,4-Dinitrotoluene
 Concen: 46.408 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB119131BS

Tot Ion:165	Resp:	268010
Ion Ratio	Lower	Upper
165	100	
63	38.5	27.4 41.0
89	67.1	51.8 77.6
182	2.6	2.2 3.2

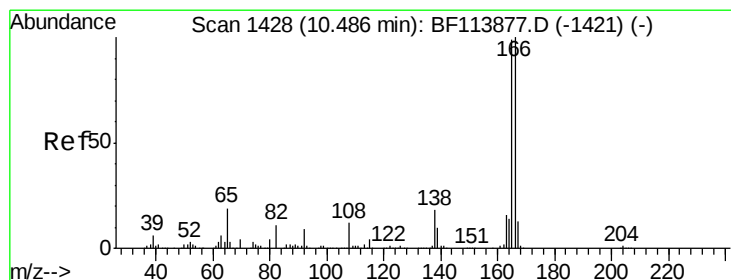
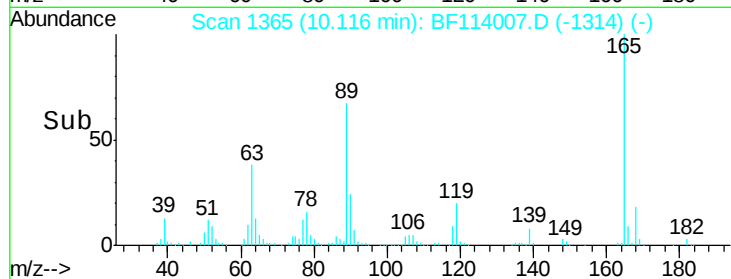
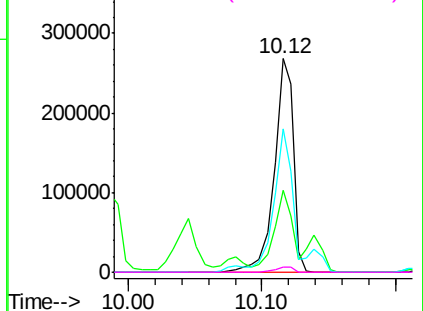


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

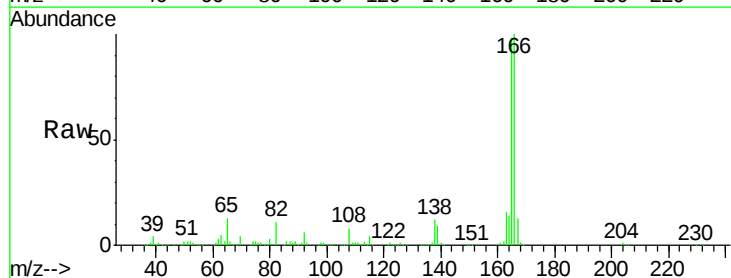
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.282 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

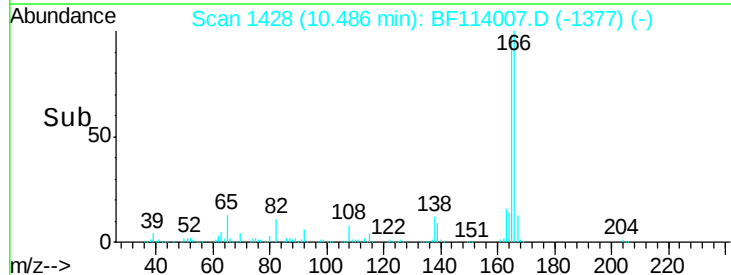
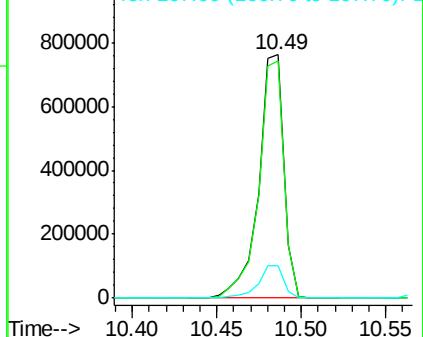
Tgt Ion:166	Resp:	789070
Ion Ratio	Lower	Upper
166	100	
165	97.5	78.4 117.6
167	13.1	10.9 16.3

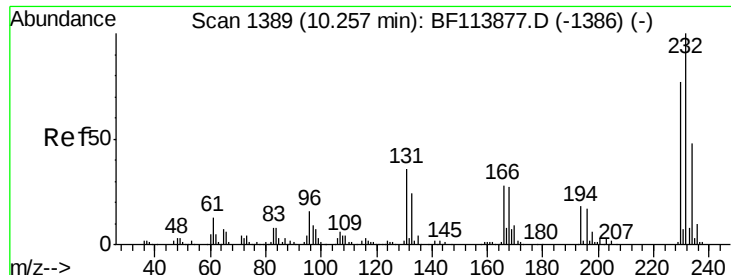


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

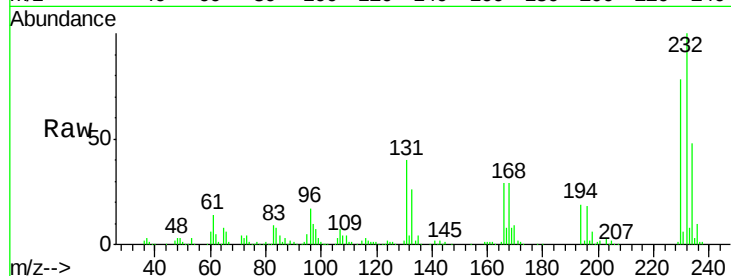




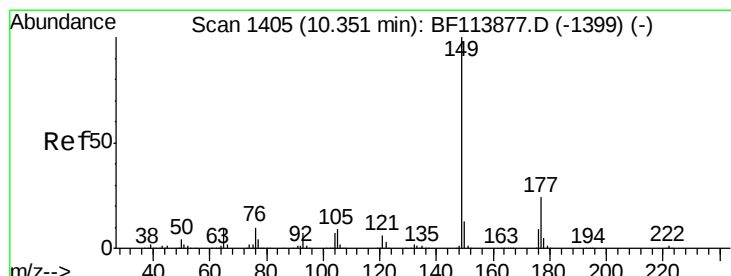
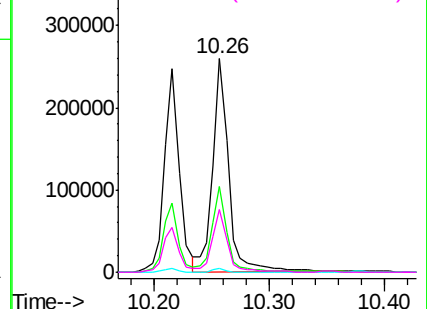
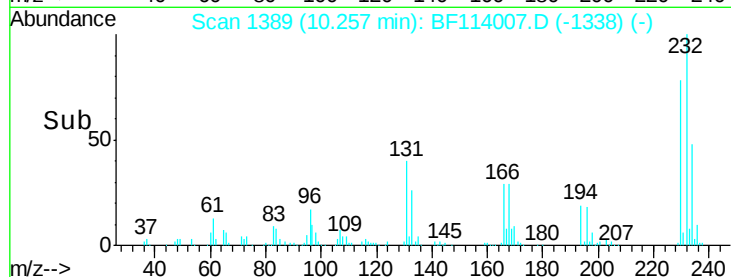
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.503 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PB119131BS

Tot Ion:	232	Resp:	248829
Ion	Ratio	Lower	Upper
232	100		
131	37.7	30.2	45.2
130	1.8	1.5	2.3
166	27.6	22.2	33.4

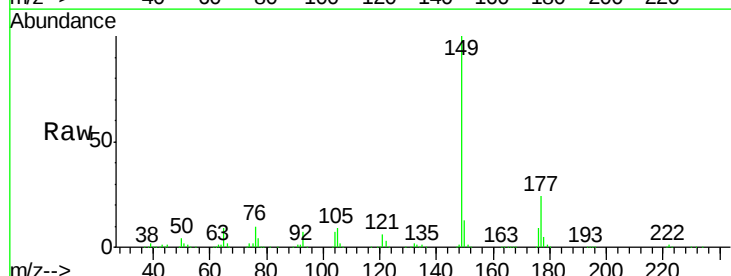


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

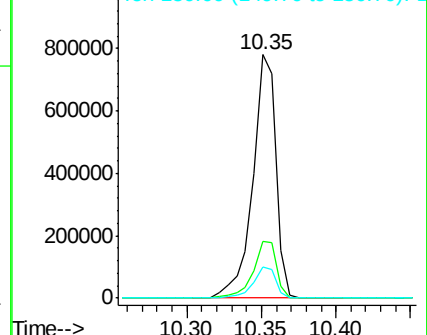
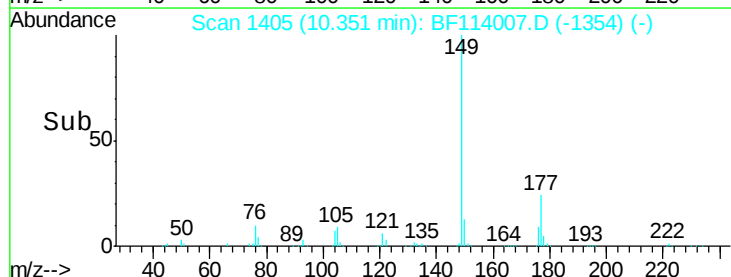


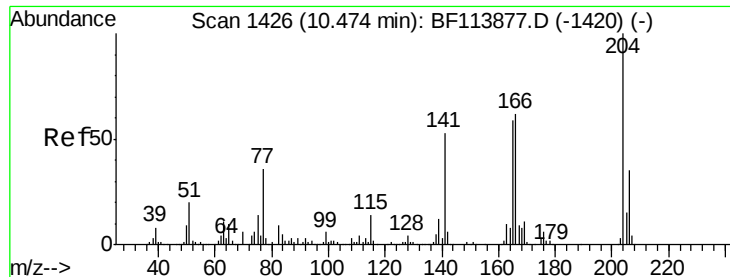
#60
 Diethylphthalate
 Concen: 41.015 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

Tgt Ion:	149	Resp:	830634
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.2	28.8
150	12.7	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

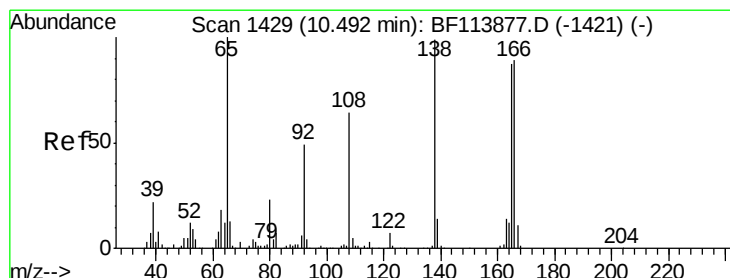
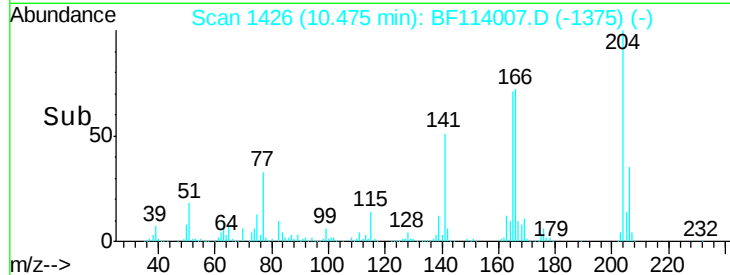
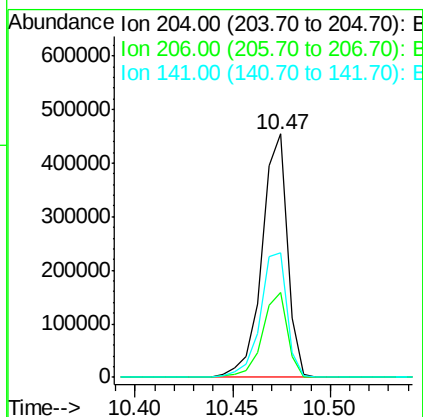
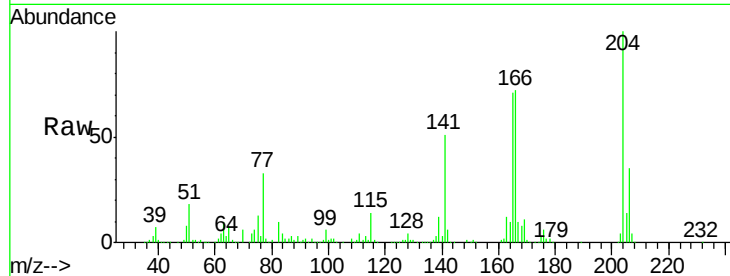




#61
4-Chlorophenyl-phenylether
Concen: 40.733 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

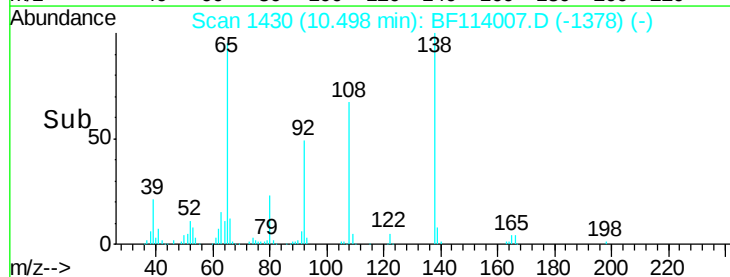
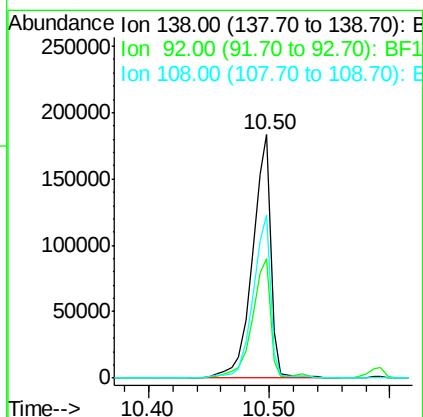
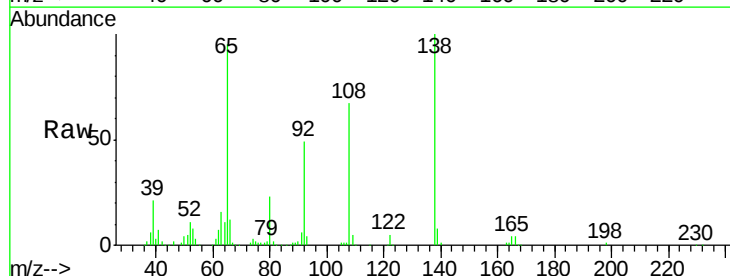
Instrument :
BNA_F
ClientSampleId :
PB119131BS

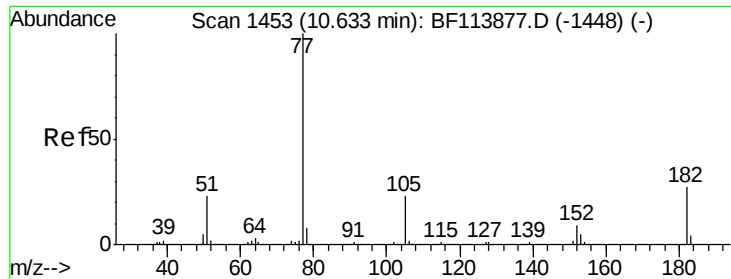
Tot Ion:204 Resp: 412330
Ion Ratio Lower Upper
204 100
206 34.6 27.4 41.2
141 51.0 42.6 63.8



#62
4-Nitroaniline
Concen: 41.528 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion:138 Resp: 194844
Ion Ratio Lower Upper
138 100
92 48.9 31.3 71.3
108 67.1 48.9 88.9





#63

Azobenzene

Concen: 39.530 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

Tot Ion: 77 Resp: 775910

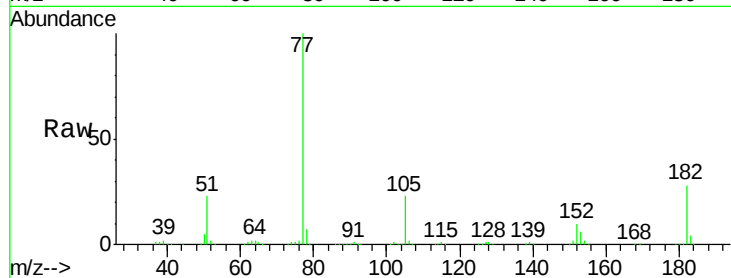
Ion Ratio Lower Upper

77 100

182 28.3 4.4 44.4

105 22.8 2.2 42.2

51 22.7 3.9 43.9

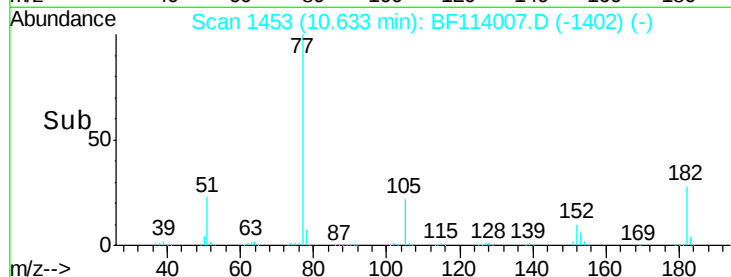


Abundance Ion 77.00 (76.70 to 77.70): BF1

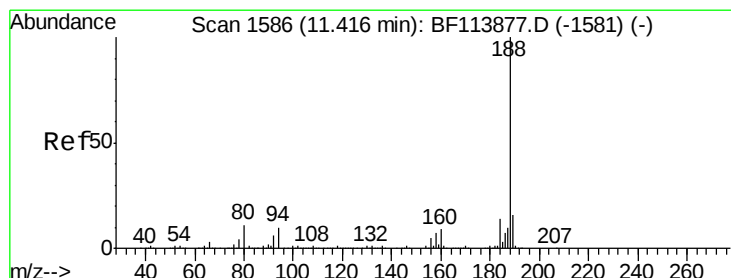
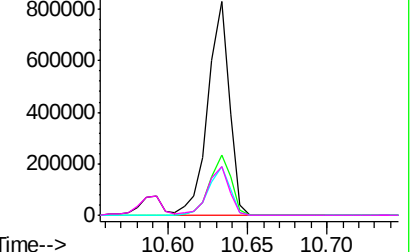
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

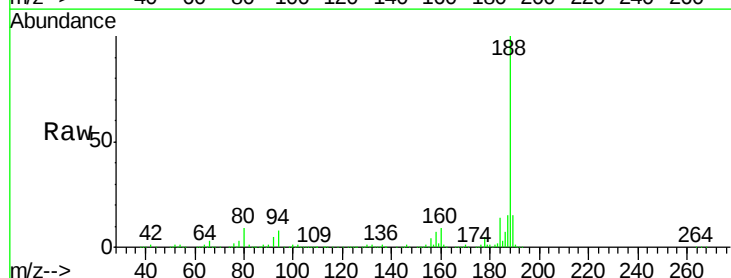
Tgt Ion: 188 Resp: 597024

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.4#

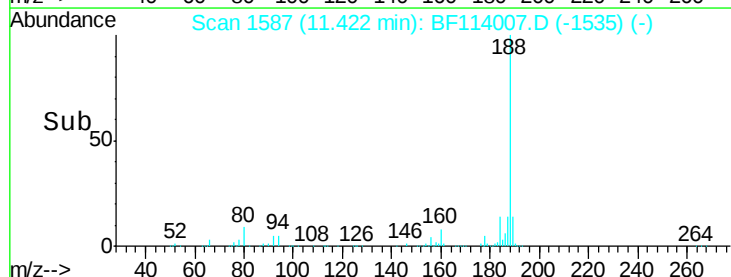
80 9.4 9.0 13.6



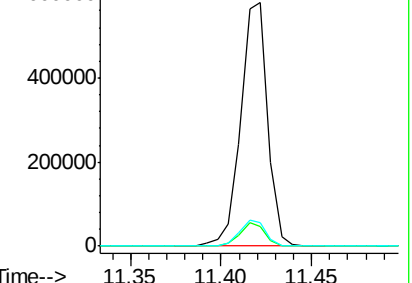
Abundance Ion 188.00 (187.70 to 188.70): BF1

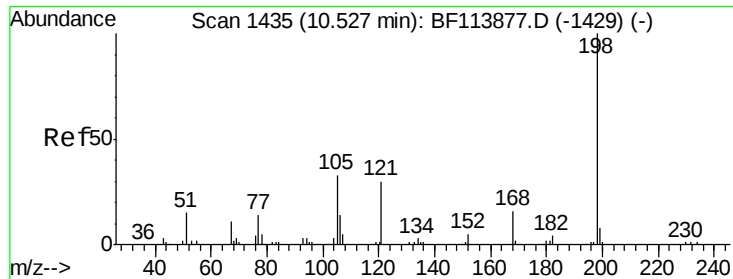
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 42.746 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

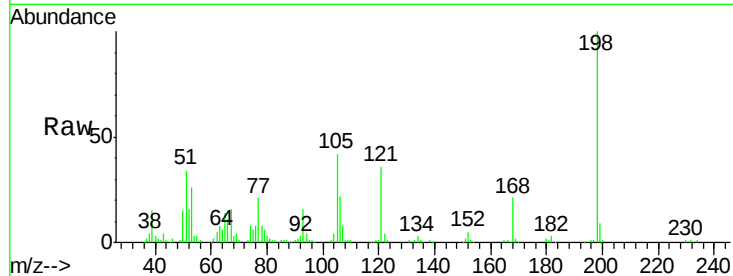
BNA_F

ClientSampleId :

PB119131BS

Tot Ion:198 Resp: 114391

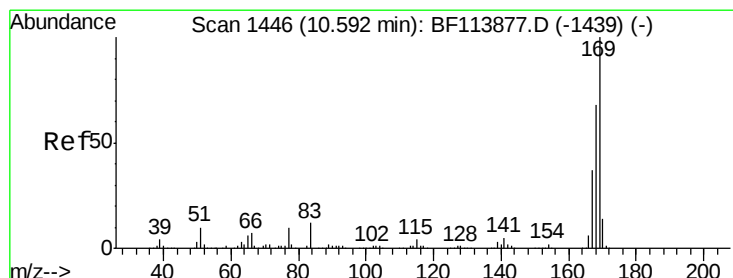
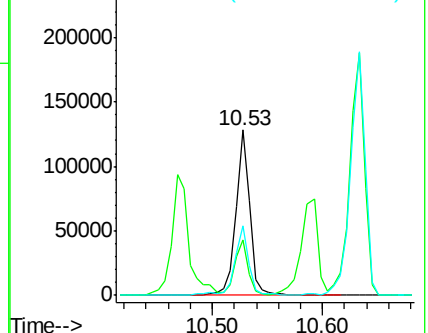
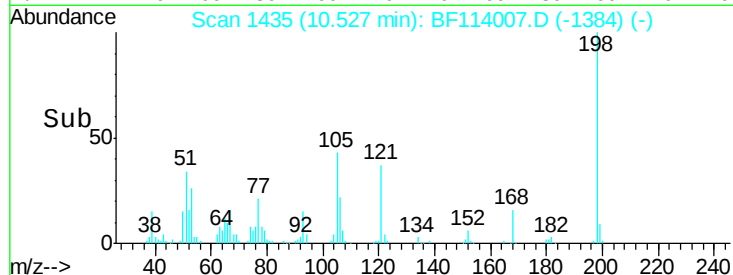
Ion	Ratio	Lower	Upper
198	100		
51	33.7	11.1	51.1
105	42.5	20.7	60.7



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: 39.897 ng

RT: 10.59 min Scan# 1446

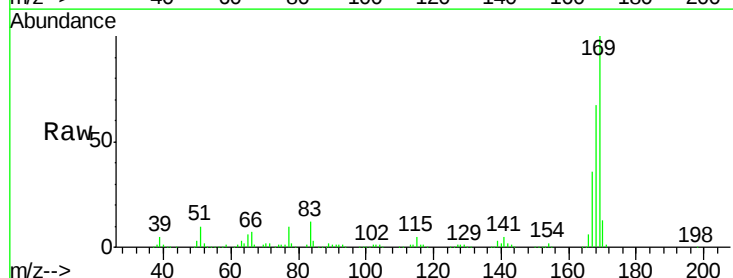
Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Tgt Ion:169 Resp: 714706

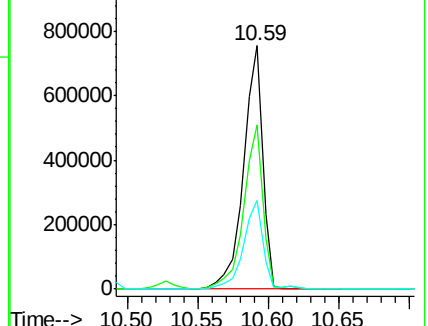
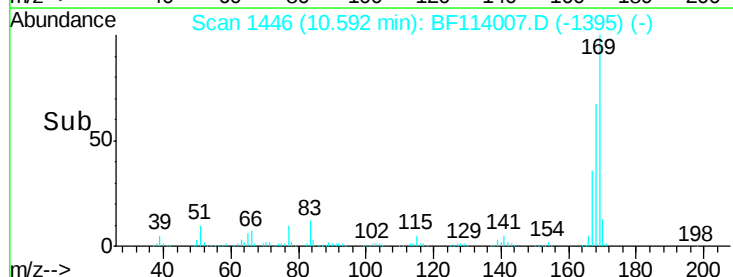
Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.3	81.5
167	36.5	29.4	44.0

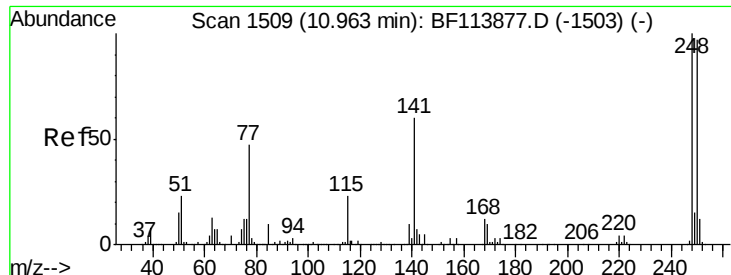


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

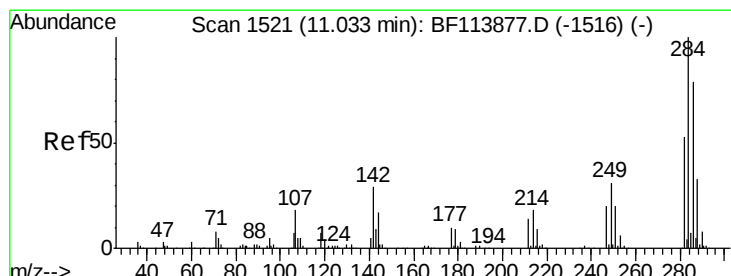
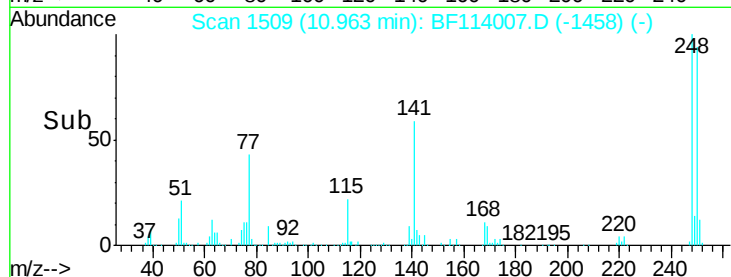
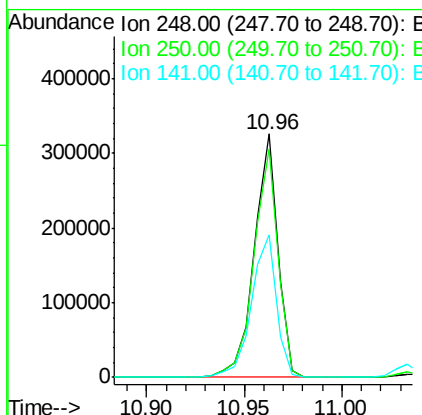
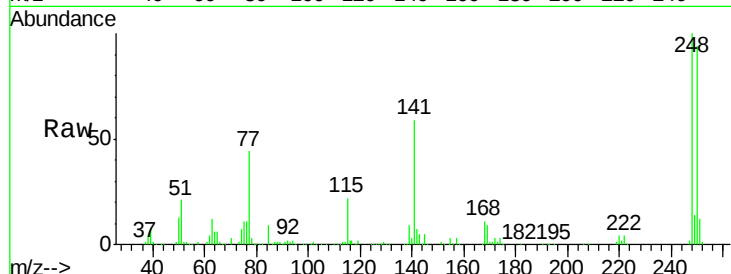




#67
 4-Bromophenyl-phenylether
 Concen: 37.988 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

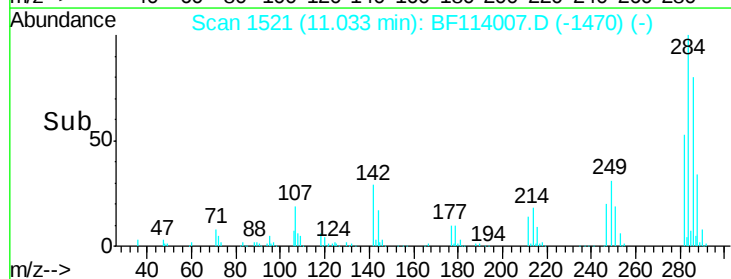
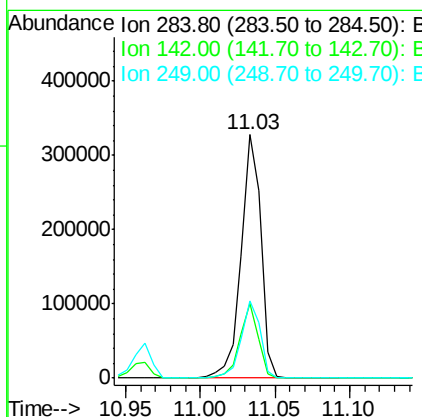
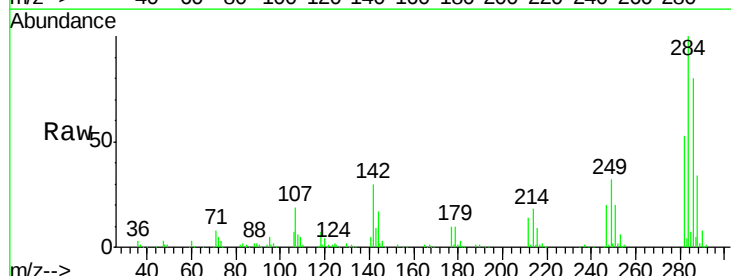
Instrument :
 BNA_F
 ClientSampleId :
 PB119131BS

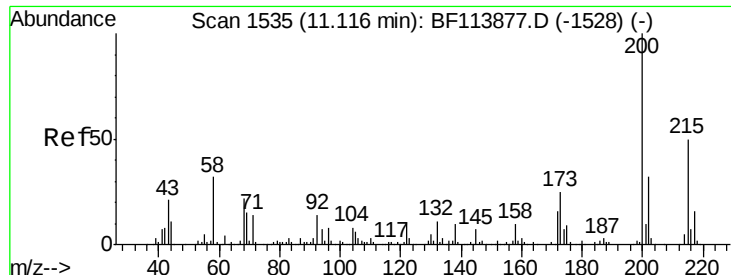
Tot Ion:248 Resp: 273984
 Ion Ratio Lower Upper
 248 100
 250 93.9 75.8 113.6
 141 58.8 50.2 75.4



#68
 Hexachlorobenzene
 Concen: 37.964 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

Tgt Ion:284 Resp: 300884
 Ion Ratio Lower Upper
 284 100
 142 30.5 23.0 34.4
 249 31.5 24.4 36.6

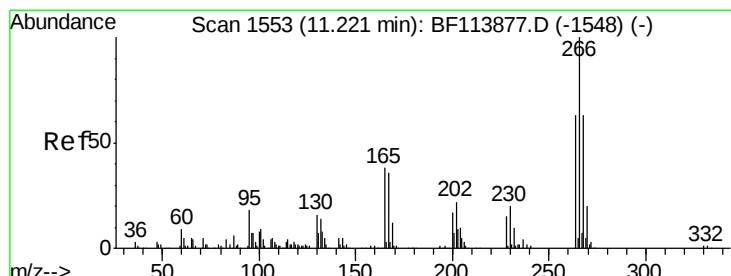
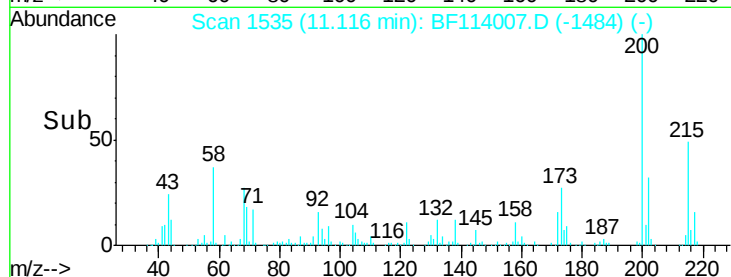
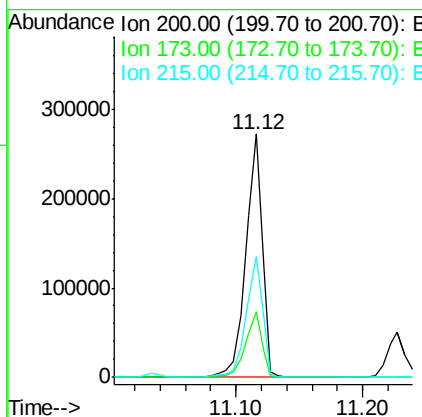
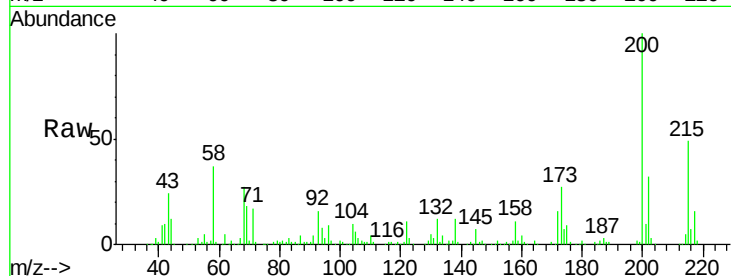




#69
 Atrazine
 Concen: 41.852 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

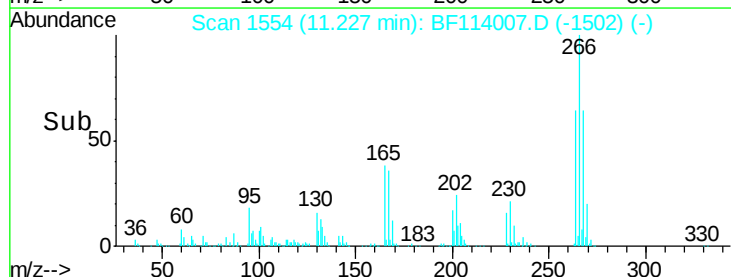
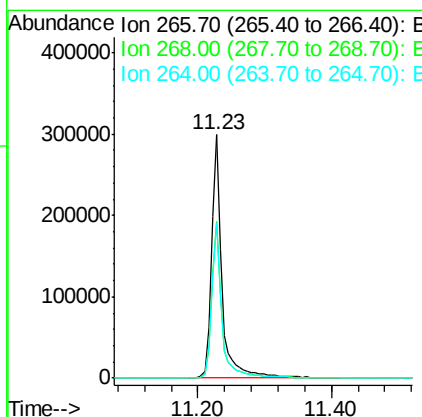
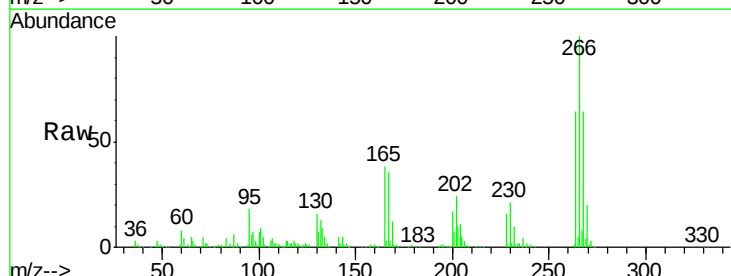
Instrument :
 BNA_F
 ClientSampleId :
 PB119131BS

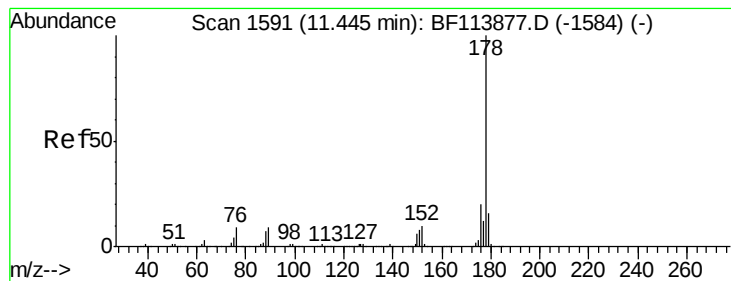
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	5.9	45.9
215	49.5	29.3	69.3



#70
 Pentachlorophenol
 Concen: 73.855 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF114007.D
 Acq: 26 Apr 2019 13:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	53.5	80.3
264	63.6	51.0	76.6





#71

Phenanthrene

Concen: 39.817 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

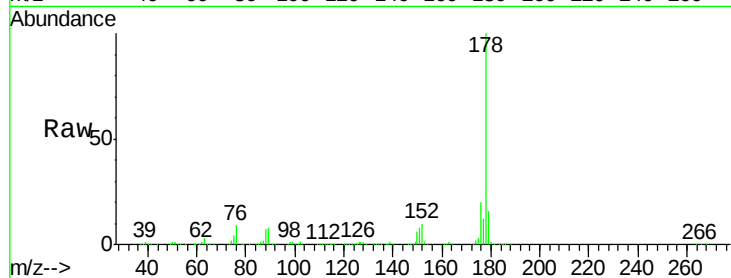
Tot Ion:178 Resp: 1194650

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

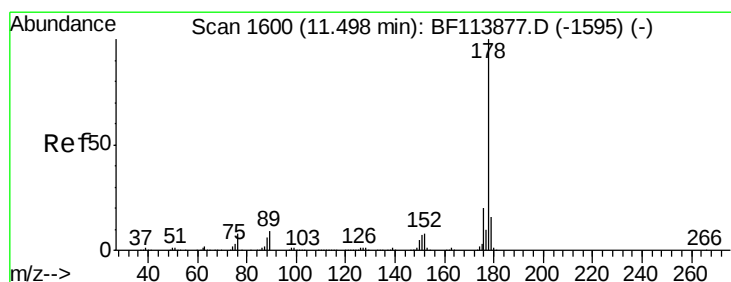
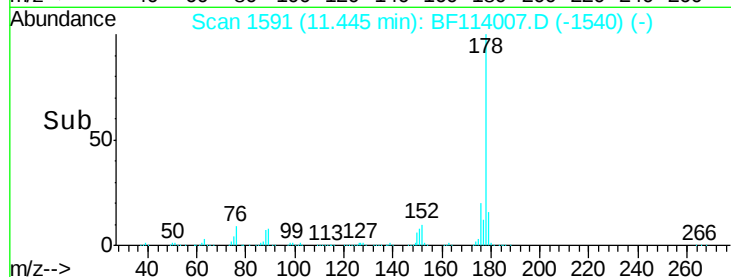
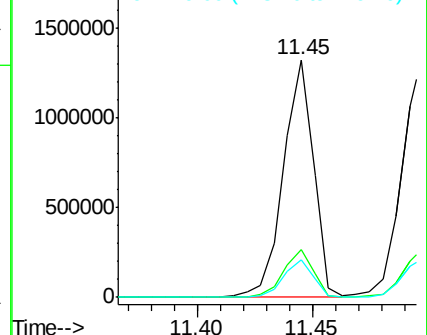
179 15.7 12.8 19.2



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: 41.386 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

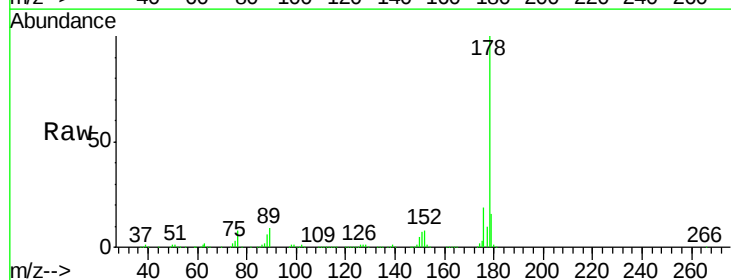
Tgt Ion:178 Resp: 1253954

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

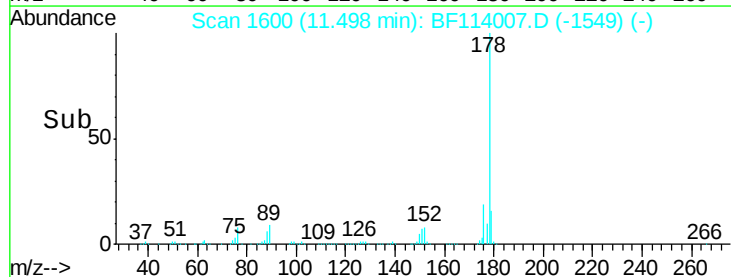
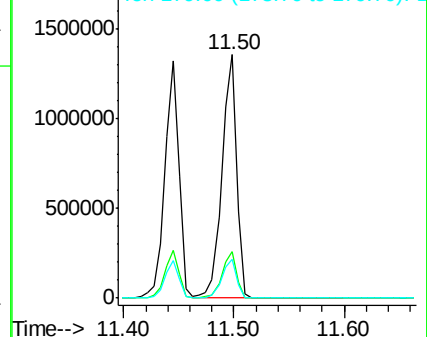
179 15.7 13.0 19.4

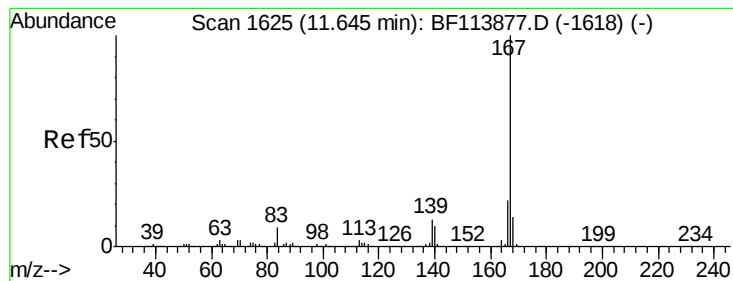


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.720 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

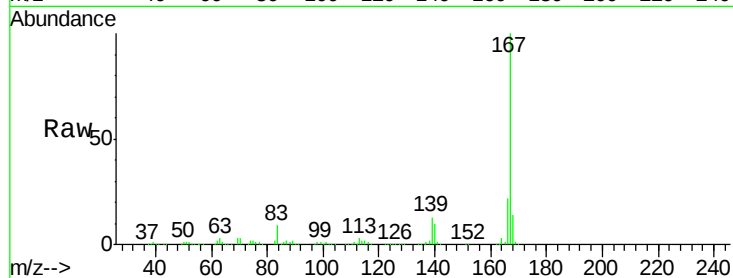
Tot Ion:167 Resp: 1100700

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

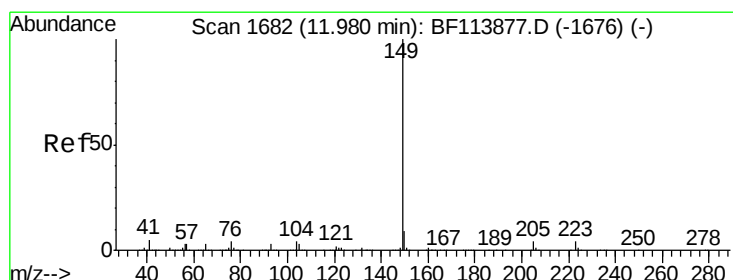
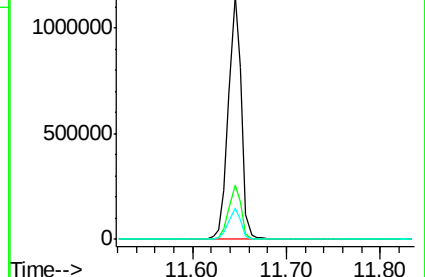
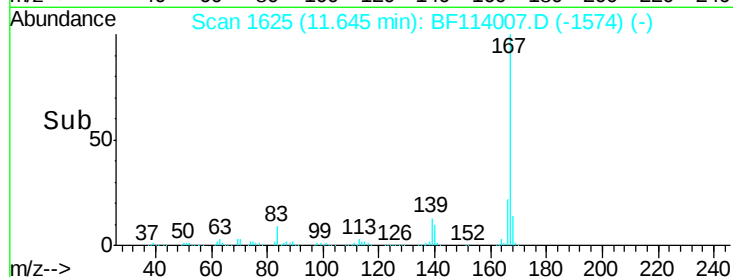
139 12.9 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.620 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

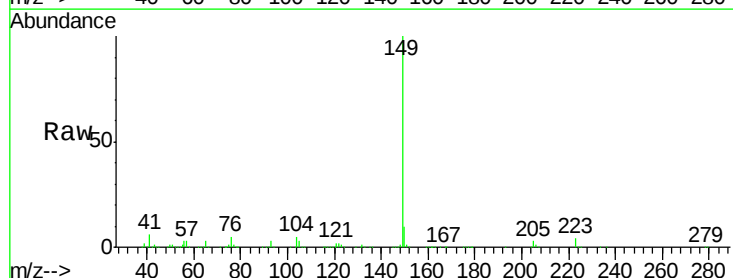
Tgt Ion:149 Resp: 1291596

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

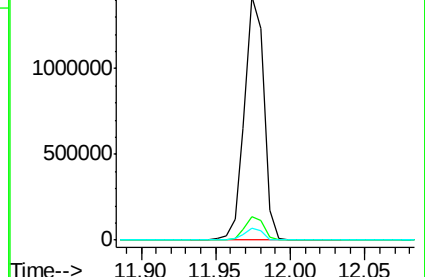
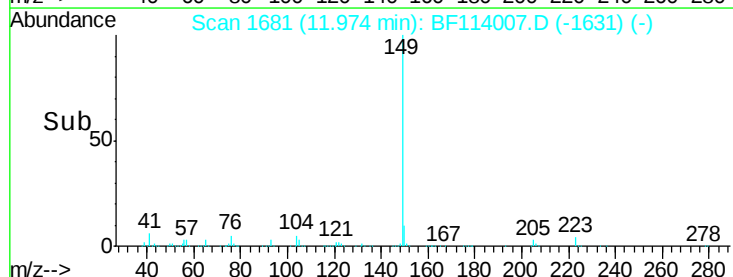
104 4.9 3.8 5.8

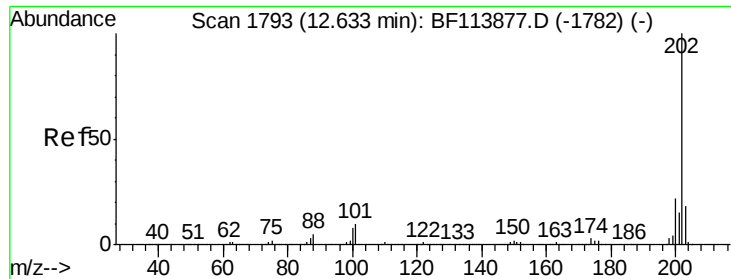


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.081 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

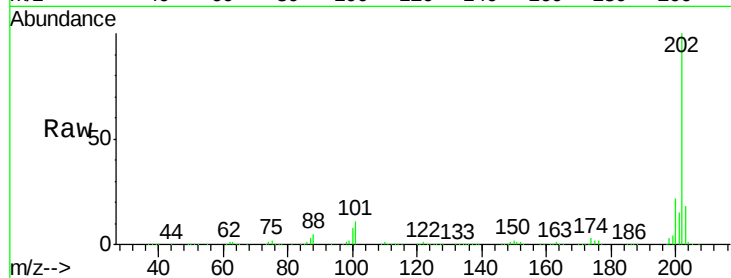
Tot Ion:202 Resp: 1279320

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.9
203	17.8	0.0	38.2

202 100

101 10.7 0.0 32.9

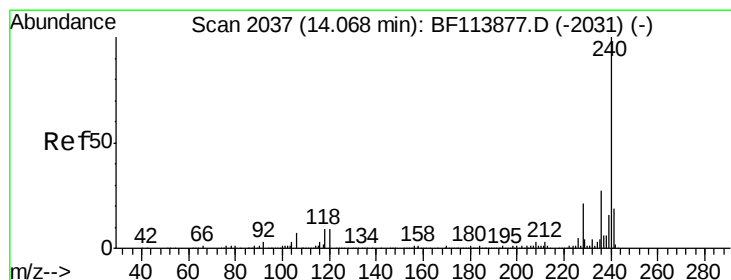
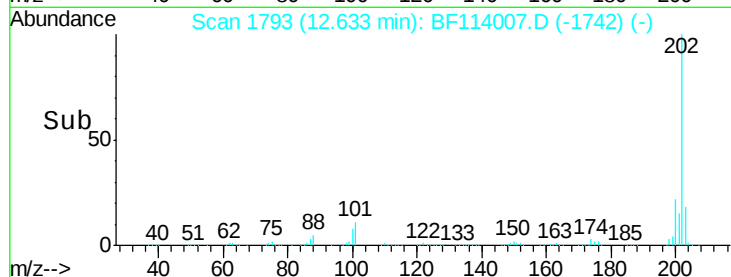
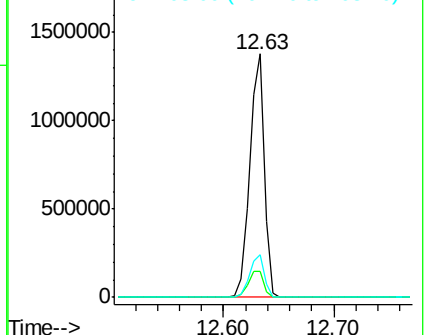
203 17.8 0.0 38.2



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: BF114007.D

Acq: 26 Apr 2019 13:58

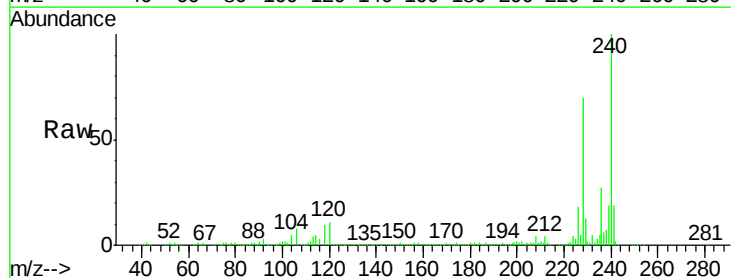
Tgt Ion:240 Resp: 444730

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.3	13.9
236	27.1	21.2	31.8

240 100

120 11.2 9.3 13.9

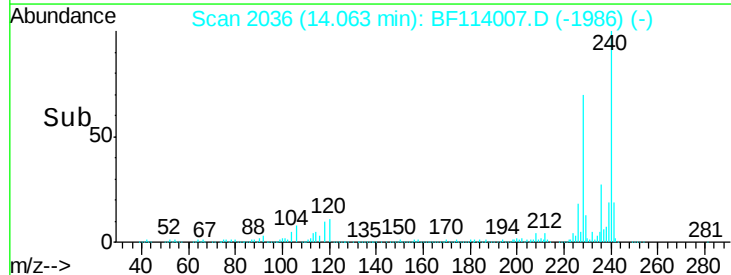
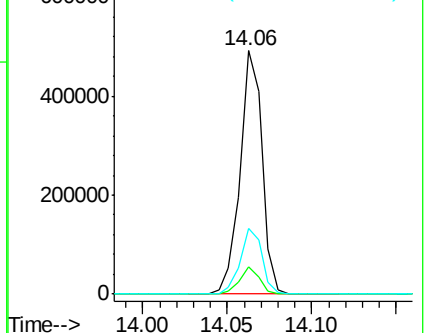
236 27.1 21.2 31.8

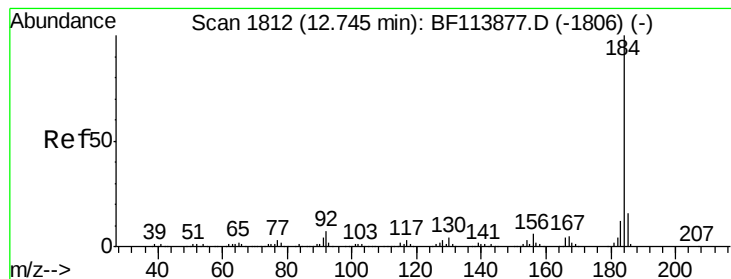


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.495 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

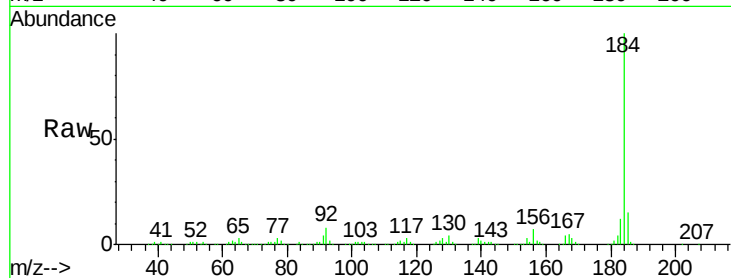
BNA_F

ClientSampleId :

PB119131BS

Tot Ion:184 Resp: 642608

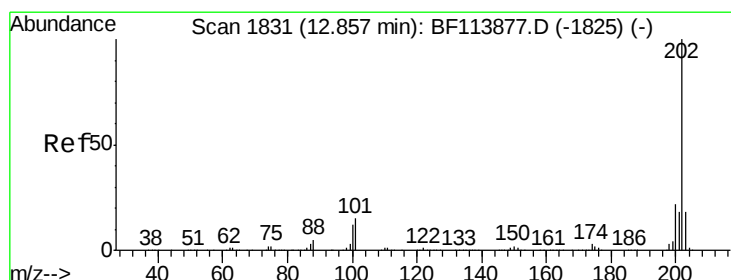
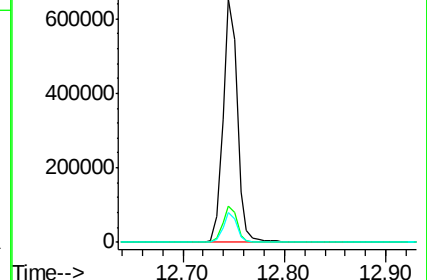
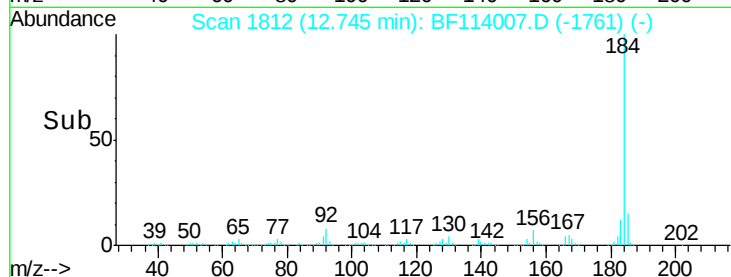
Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.0	19.6
183	12.0	9.4	14.0



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: 41.532 ng

RT: 12.86 min Scan# 1832

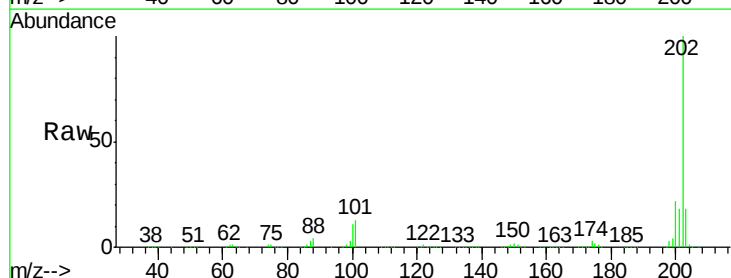
Delta R.T. 0.01 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Tgt Ion:202 Resp: 1291680

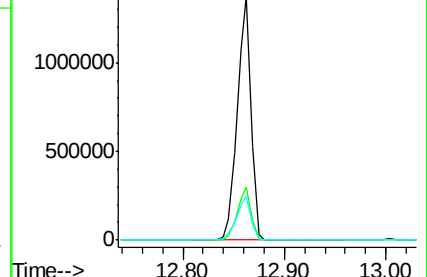
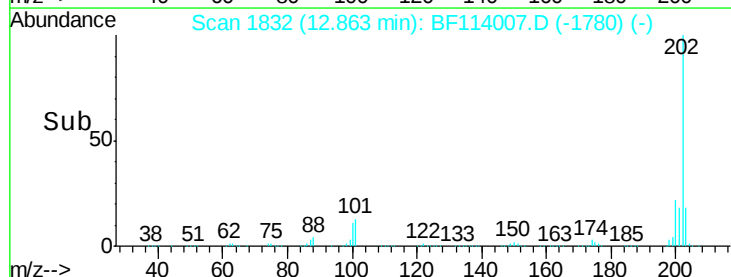
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.9	15.0	22.6

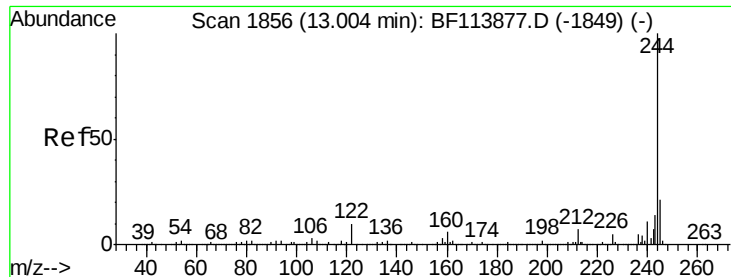


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.183 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

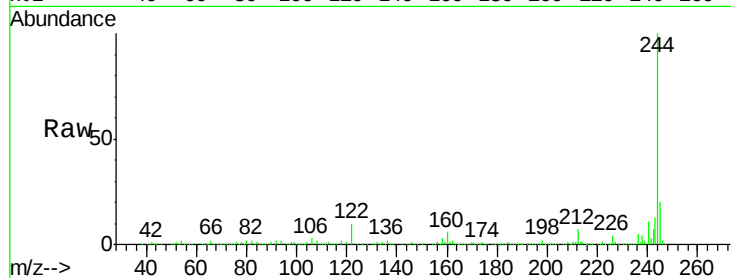
BNA_F

ClientSampleId :

PB119131BS

Tot Ion:244 Resp: 1804457

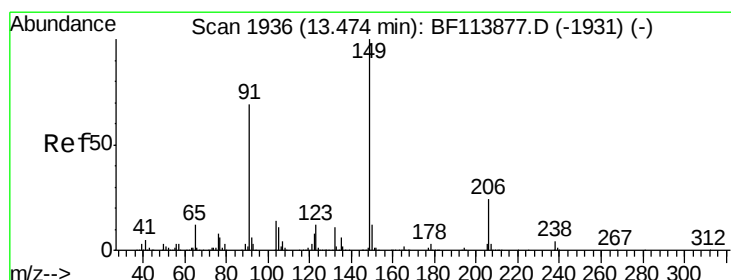
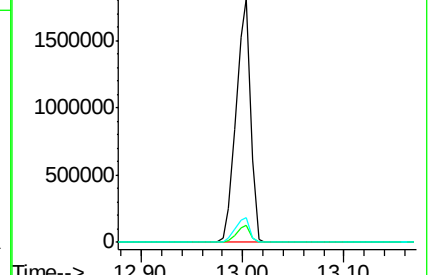
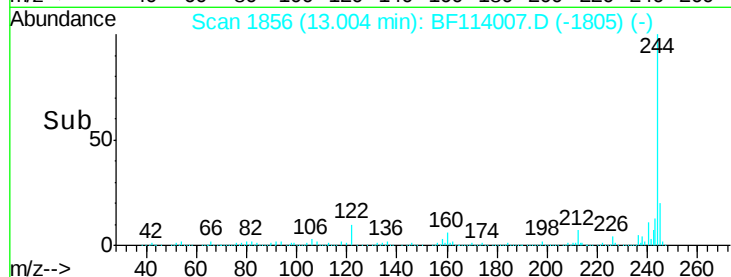
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	9.9	7.6	11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.274 ng

RT: 13.47 min Scan# 1936

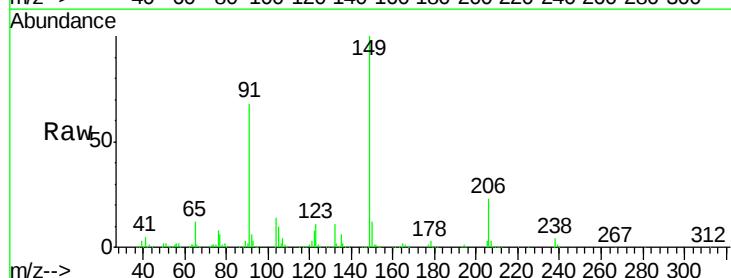
Delta R.T. 0.00 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Tgt Ion:149 Resp: 541763

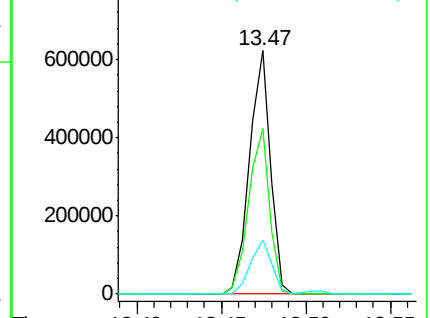
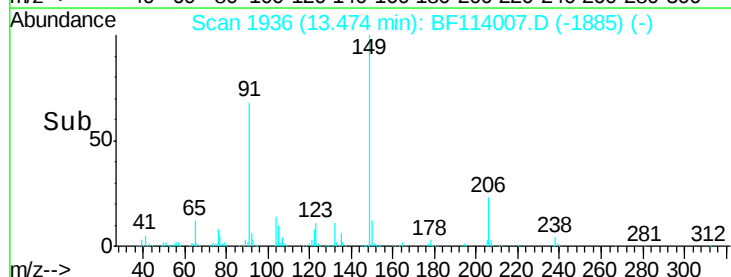
Ion	Ratio	Lower	Upper
149	100		
91	68.3	56.3	84.5
206	22.5	19.0	28.6

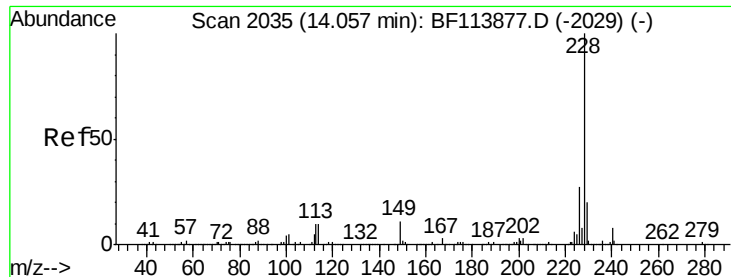


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.185 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

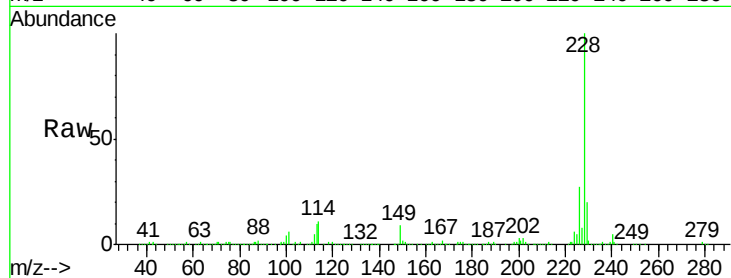
Tot Ion:228 Resp: 1105347

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.2
229	20.3	16.0	24.0

228 100

226 27.4 22.2 33.2

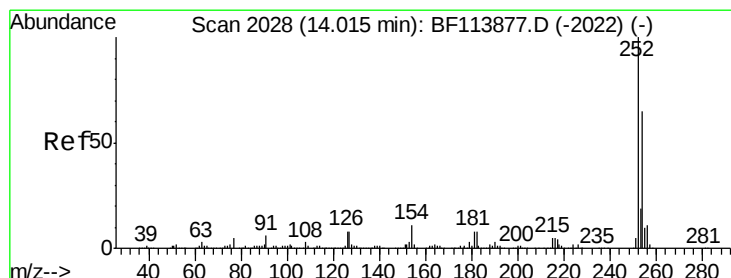
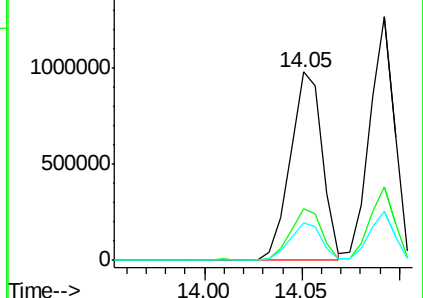
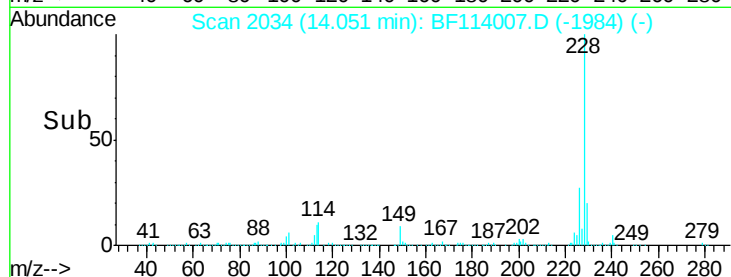
229 20.3 16.0 24.0



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: 32.818 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

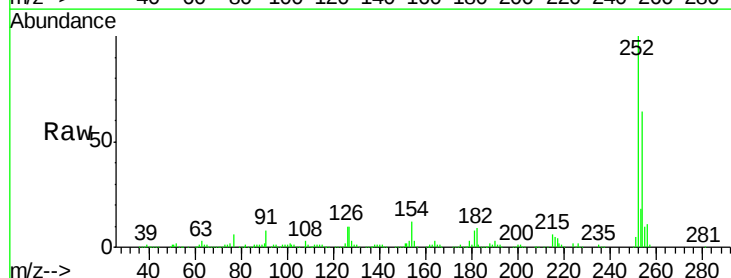
Tgt Ion:252 Resp: 315186

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	10.2	9.3	13.9

252 100

254 64.1 52.1 78.1

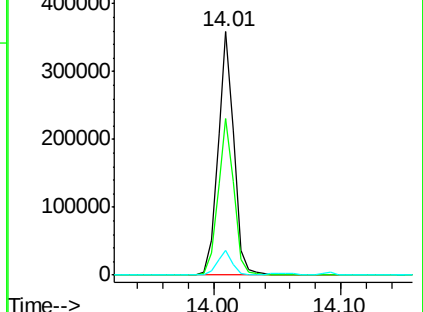
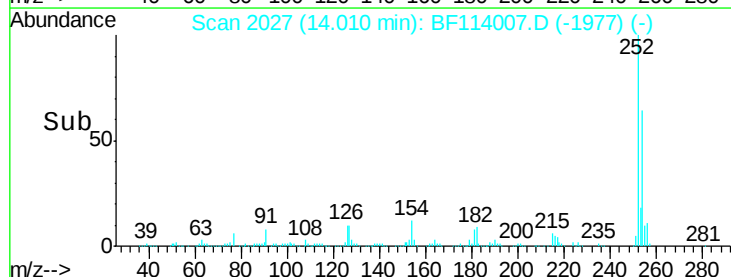
126 10.2 9.3 13.9

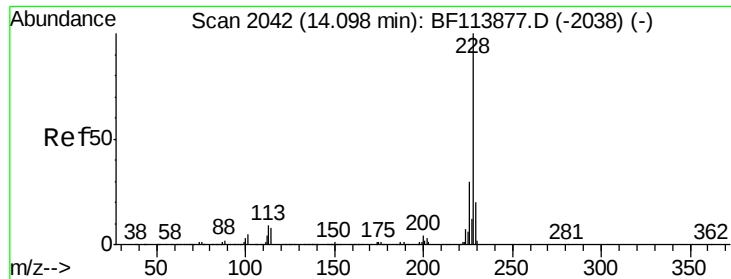


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

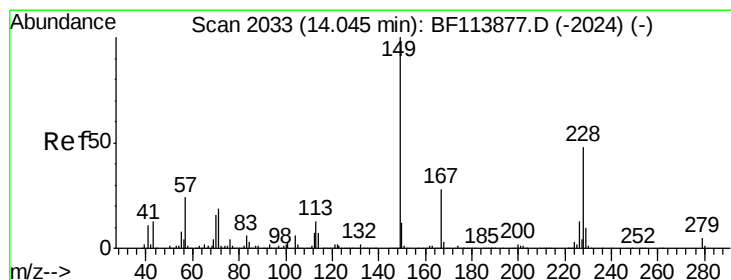
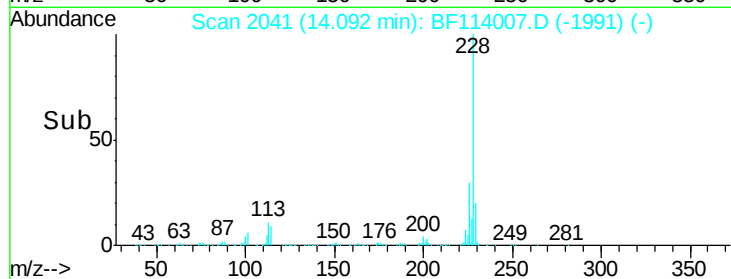
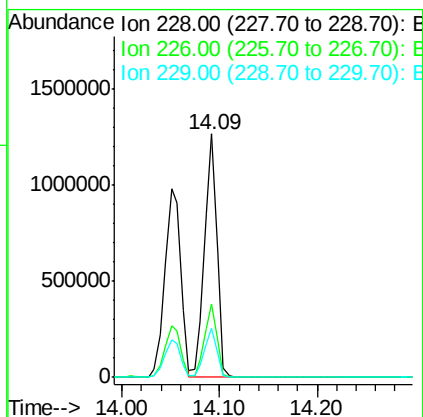
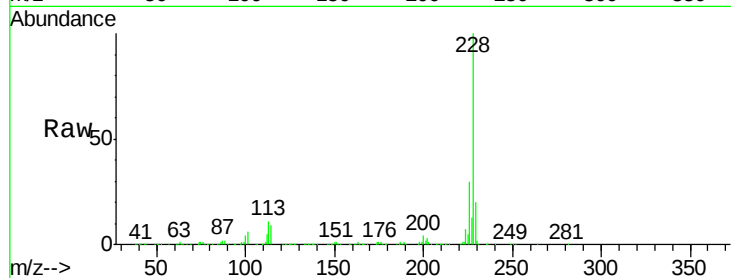




#83
Chrysene
Concen: 43.669 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

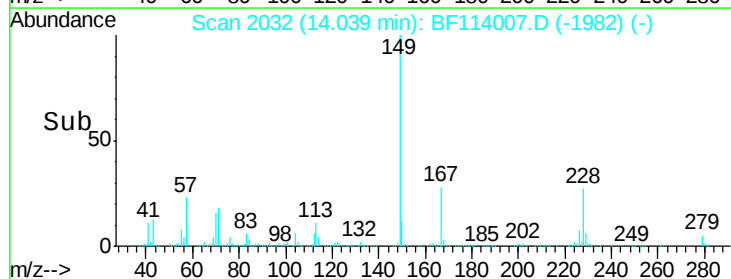
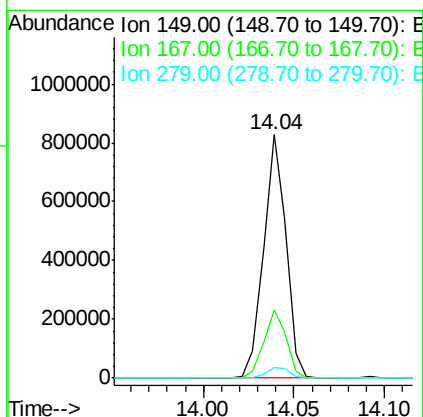
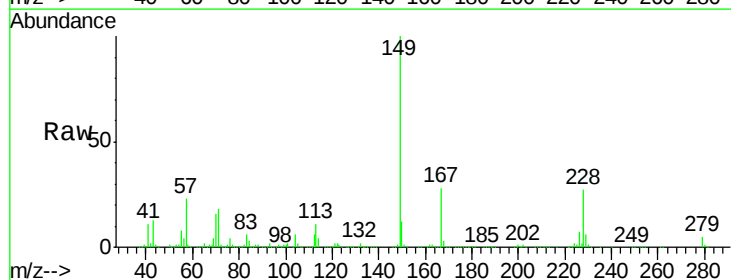
Instrument :
BNA_F
ClientSampleId :
PB119131BS

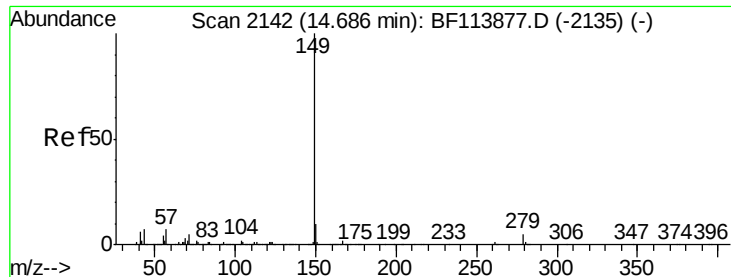
Tot Ion:228 Resp: 1114392
Ion Ratio Lower Upper
228 100
226 30.3 25.2 37.8
229 20.2 16.7 25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.853 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion:149 Resp: 713866
Ion Ratio Lower Upper
149 100
167 28.1 22.9 34.3
279 4.6 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 48.526 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

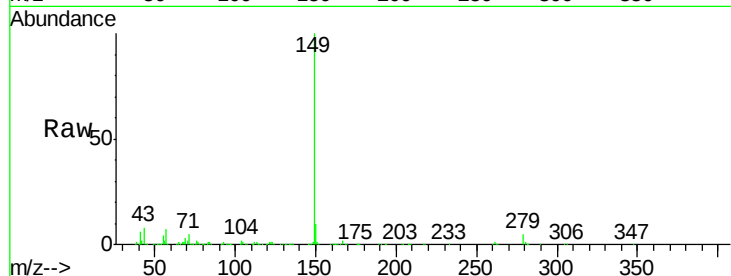
Tot Ion:149 Resp: 1182509

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

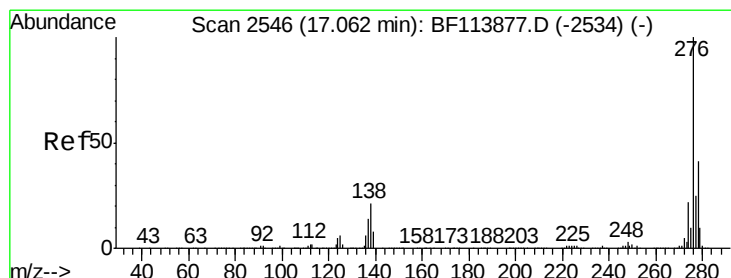
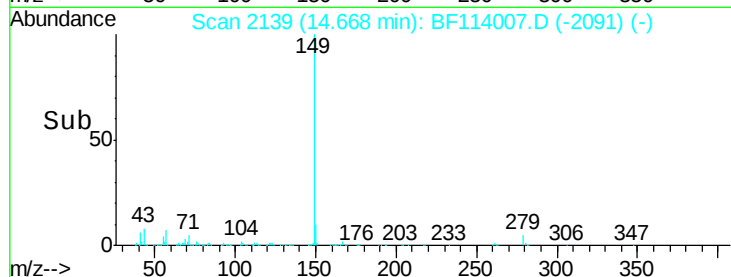
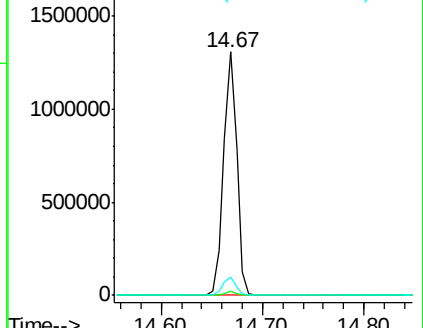
43 7.4 6.6 10.0



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: 36.596 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

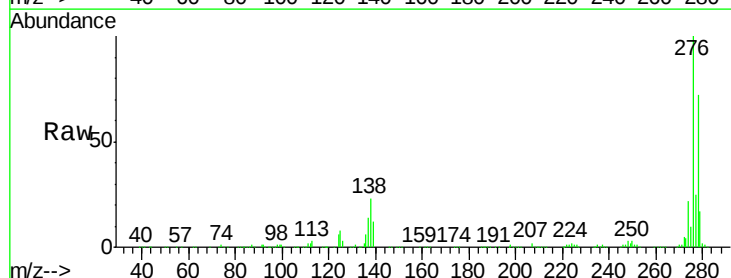
Tgt Ion:276 Resp: 884604

Ion Ratio Lower Upper

276 100

138 22.5 19.6 29.4

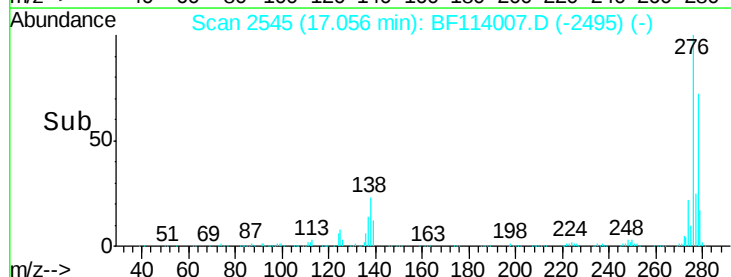
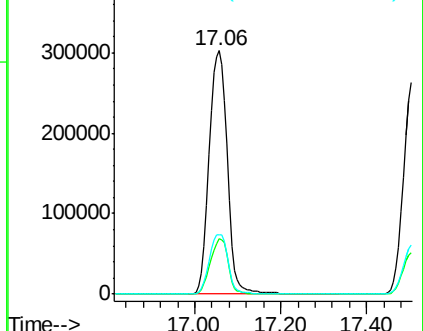
277 25.1 20.2 30.4

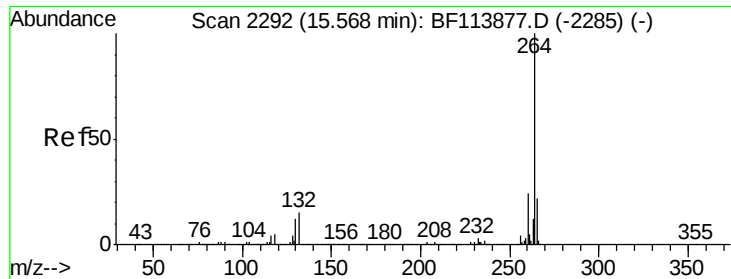


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF114007.D

Acq: 26 Apr 2019 13:58

Instrument :

BNA_F

ClientSampleId :

PB119131BS

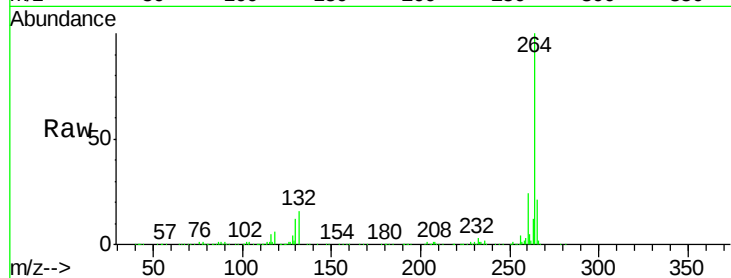
Tot Ion:264 Resp: 405612

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

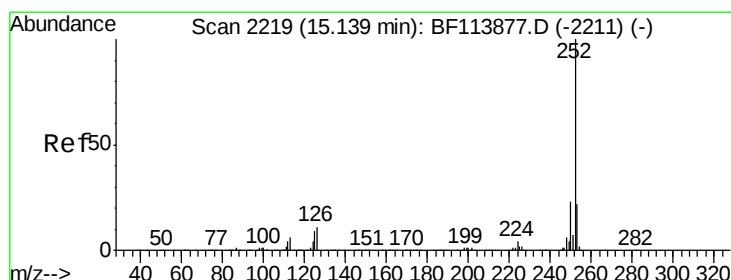
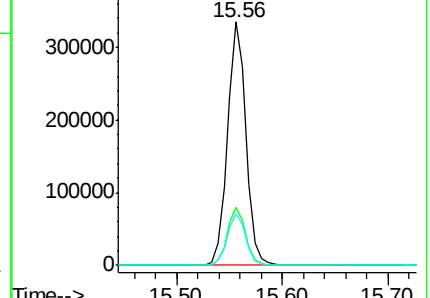
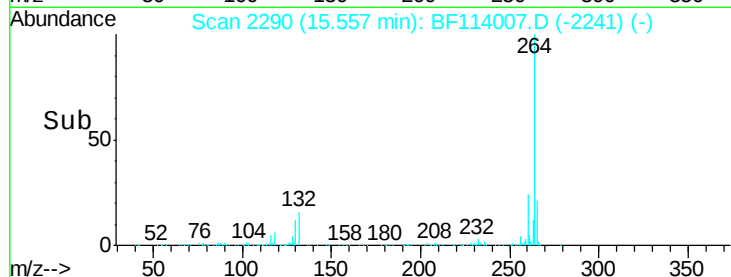
265 21.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.075 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF114007.D

Acq: 26 Apr 2019 13:58

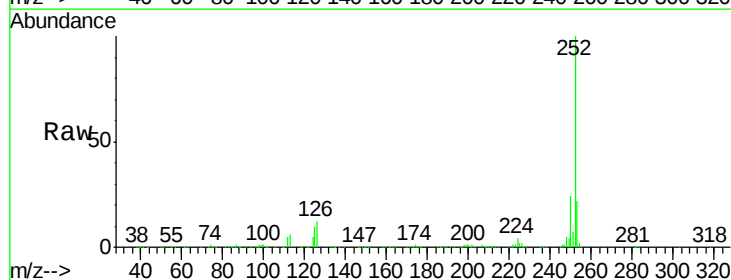
Tgt Ion:252 Resp: 1028426

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

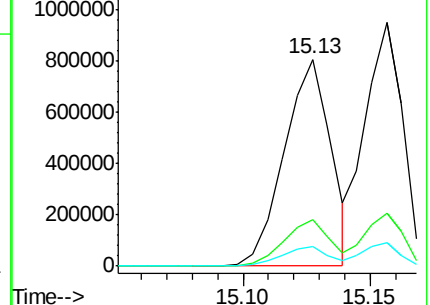
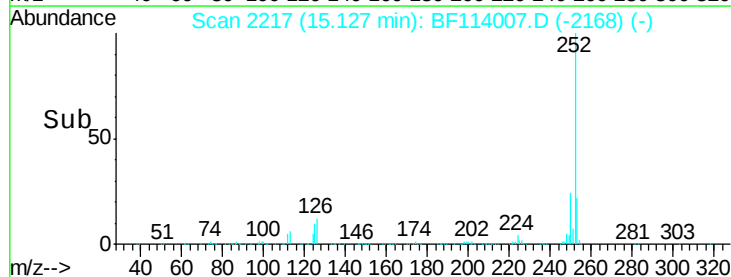
125 9.6 7.0 10.6

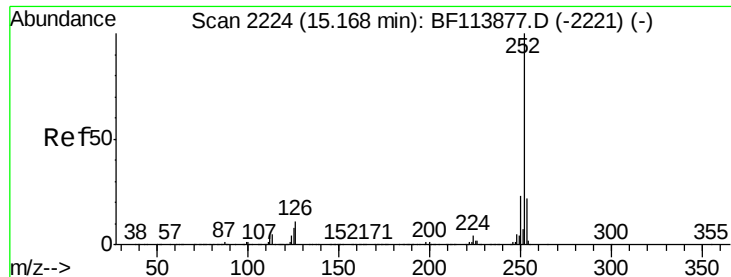


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

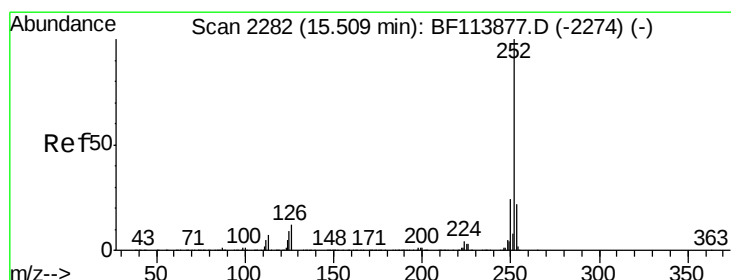
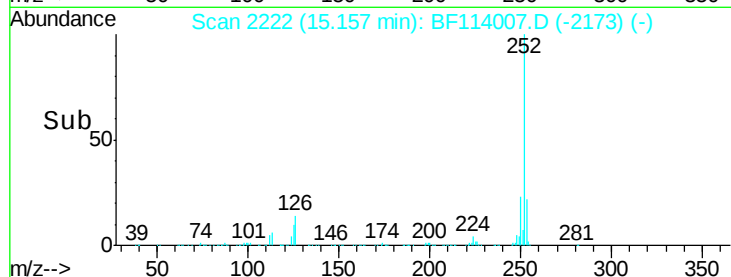
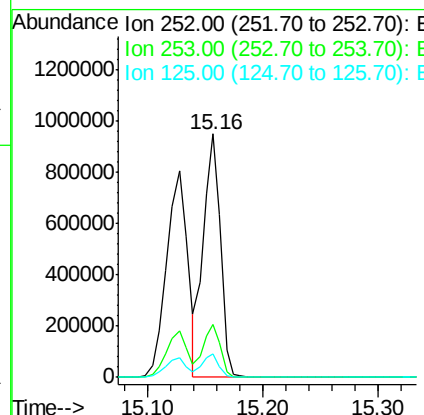
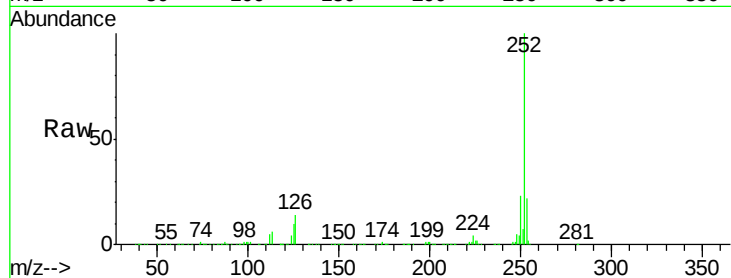




#89
Benzo(k)fluoranthene
Concen: 44.941 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

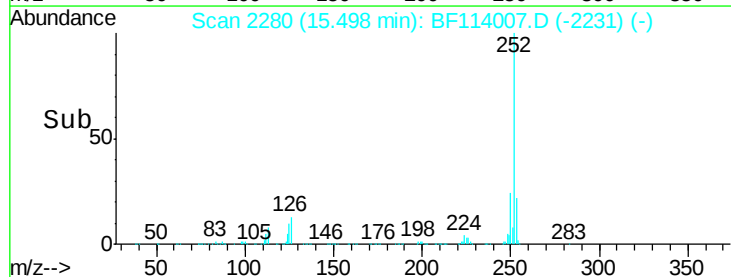
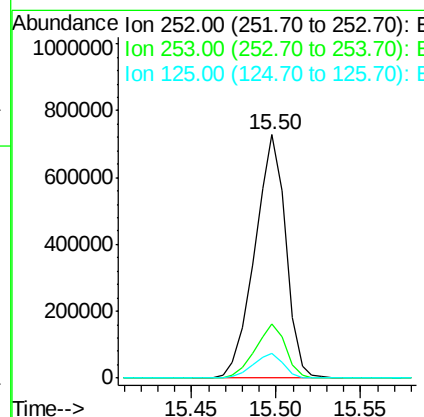
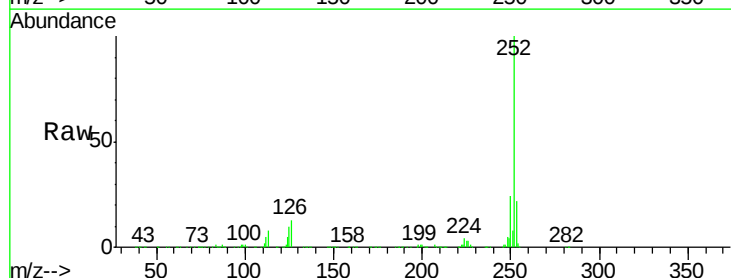
Instrument :
BNA_F
ClientSampleId :
PB119131BS

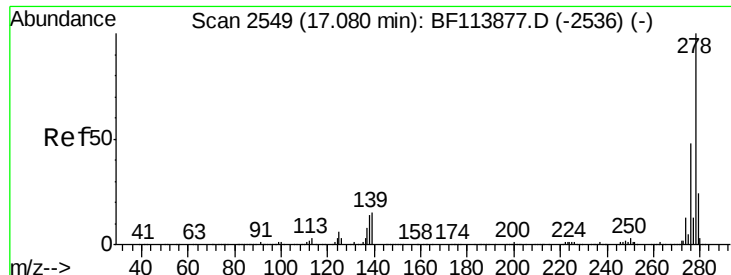
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	9.7	7.4	11.2



#90
Benzo(a)pyrene
Concen: 42.003 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.3	8.5	12.7

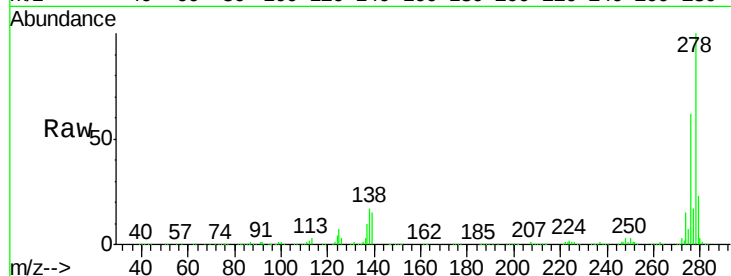




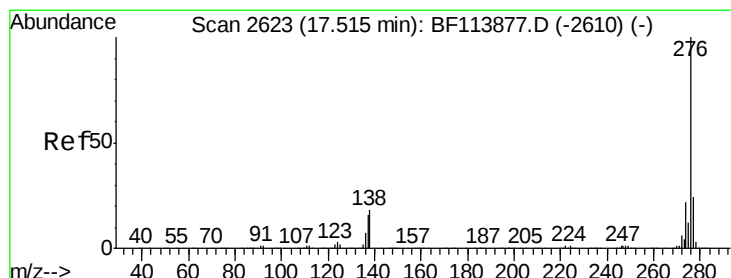
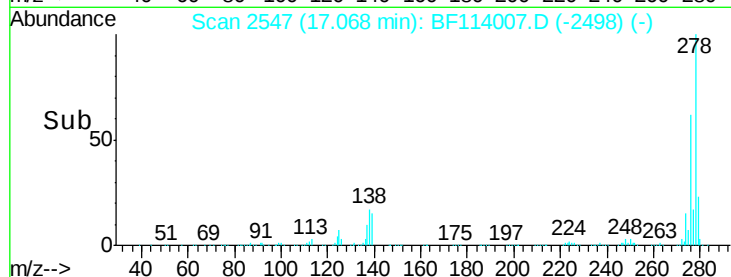
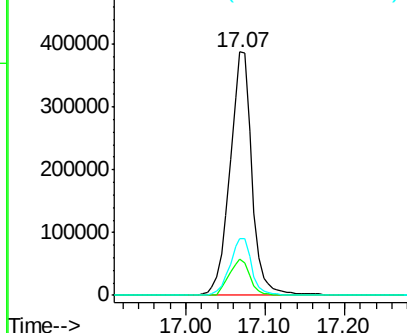
#91
Dibenzo(a,h)anthracene
Concen: 35.670 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Instrument :
BNA_F
ClientSampleId :
PB119131BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.6	17.4
279	23.5	19.0	28.6

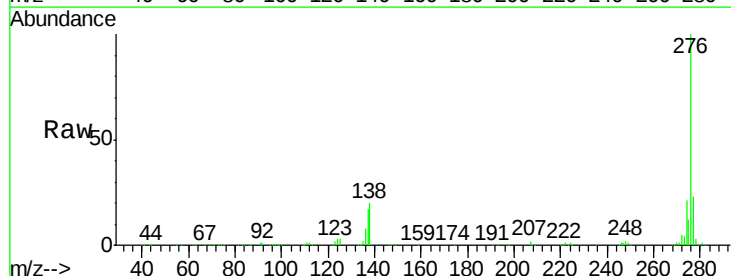


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 33.797 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF114007.D
Acq: 26 Apr 2019 13:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	19.6	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

