

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
 Data File : BF114008.D
 Acq On : 26 Apr 2019 14:25
 Operator : JU/SJ
 Sample : PB119206BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119206BS

Quant Time: Apr 26 22:58:31 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	142579	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	548982	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	296262	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	599171	20.00	ng	0.00
76) Chrysene-d12	14.06	240	453191	20.00	ng	0.00
87) Perylene-d12	15.56	264	399648	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1041811	124.97	ng	0.02
7) Phenol-d6	6.53	99	1347136	128.80	ng	0.01
23) Nitrobenzene-d5	7.46	82	736489	82.83	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	471860	130.74	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1493602	78.85	ng	0.00
79) Terphenyl-d14	13.00	244	1803526	81.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	147922	37.643	ng	96
3) Pyridine	3.56	79	398965	37.196	ng	96
4) n-Nitrosodimethylamine	3.51	42	131502	35.815	ng	93
6) Aniline	6.56	93	423489	29.487	ng	99
8) 2-Chlorophenol	6.69	128	365211	38.373	ng	99
9) Benzaldehyde	6.45	77	283982	52.219	ng	93
10) Phenol	6.55	94	463418	37.055	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	348369	37.017	ng	97
12) 1,3-Dichlorobenzene	6.84	146	418083	38.786	ng	99
13) 1,4-Dichlorobenzene	6.92	146	419730	38.714	ng	100
14) 1,2-Dichlorobenzene	7.07	146	390779	39.219	ng	99
15) Benzyl Alcohol	7.04	79	295611	41.967	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	396084	36.054	ng	91
17) 2-Methylphenol	7.15	107	326444	39.129	ng	97
18) Hexachloroethane	7.41	117	144497	38.020	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	257254	37.982	ng	99
20) 3+4-Methylphenols	7.30	107	387572	41.119	ng	# 82
22) Acetophenone	7.30	105	514816	42.140	ng	# 95
24) Nitrobenzene	7.47	77	397646	40.475	ng	99
25) Isophorone	7.72	82	712572	39.167	ng	100
26) 2-Nitrophenol	7.79	139	204219	45.565	ng	99
27) 2,4-Dimethylphenol	7.83	122	350911	48.055	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	453628	39.130	ng	99
29) 2,4-Dichlorophenol	8.03	162	346293	41.470	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	374310	40.201	ng	98
31) Naphthalene	8.20	128	1072386	41.120	ng	99
32) Benzoic acid	7.96	122	205745	41.721	ng	99
33) 4-Chloroaniline	8.24	127	264632	23.981	ng	98
34) Hexachlorobutadiene	8.32	225	225276	38.812	ng	98
35) Caprolactam	8.62	113	74760	28.144	ng	91
36) 4-Chloro-3-methylphenol	8.73	107	342750	41.430	ng	99
37) 2-Methylnaphthalene	8.89	142	739856	42.069	ng	98
38) 1-Methylnaphthalene	8.99	142	699024	41.182	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	375095	38.977	ng	99

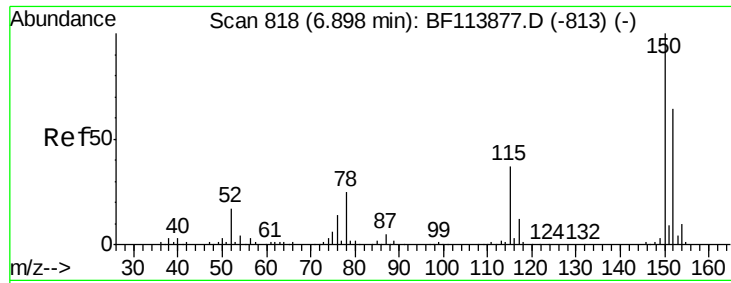
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	476341	88.762	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	264711	43.318	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	280908	40.983	ng	97
46) 1,1'-Biphenyl	9.36	154	920444	40.670	ng	98
47) 2-Chloronaphthalene	9.38	162	745727	40.518	ng	98
48) 2-Nitroaniline	9.47	65	205868	42.669	ng	93
49) Acenaphthylene	9.80	152	1149320	39.888	ng	99
50) Dimethylphthalate	9.66	163	871228	40.662	ng	99
51) 2,6-Dinitrotoluene	9.72	165	202059	43.957	ng	94
52) Acenaphthene	9.97	154	760635	44.669	ng	97
53) 3-Nitroaniline	9.88	138	125784	26.040	ng	93
54) 2,4-Dinitrophenol	9.99	184	186625	92.400	ng	# 2
55) Dibenzofuran	10.14	168	1043868	40.925	ng	97
56) 4-Nitrophenol	10.05	139	313946	82.088	ng	96
57) 2,4-Dinitrotoluene	10.12	165	271852	46.854	ng	94
58) Fluorene	10.49	166	790390	41.159	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	252549	41.928	ng	100
60) Diethylphthalate	10.36	149	833855	40.982	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	414419	40.749	ng	99
62) 4-Nitroaniline	10.50	138	196108	41.604	ng	96
63) Azobenzene	10.63	77	791594	40.142	ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	118547	43.902	ng	97
66) n-Nitrosodiphenylamine	10.59	169	723961	40.269	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	270738	37.404	ng	97
68) Hexachlorobenzene	11.03	284	304276	38.254	ng	98
69) Atrazine	11.12	200	245400	41.960	ng	98
70) Pentachlorophenol	11.23	266	341362	75.799	ng	98
71) Phenanthrene	11.45	178	1205612	40.038	ng	100
72) Anthracene	11.50	178	1236888	40.677	ng	100
73) Carbazole	11.64	167	1105515	40.751	ng	99
74) Di-n-butylphthalate	11.97	149	1272315	39.870	ng	99
75) Fluoranthene	12.63	202	1286295	39.154	ng	99
77) Benzidine	12.74	184	655956	48.578	ng	99
78) Pyrene	12.86	202	1297246	40.932	ng	99
80) Butylbenzylphthalate	13.47	149	540416	43.340	ng	96
81) Benzo(a)anthracene	14.05	228	1126148	42.176	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	316772	32.367	ng	99
83) Chrysene	14.09	228	1113733	42.829	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	707910	44.621	ng	99
85) Di-n-octyl phthalate	14.66	149	1177231	47.408	ng	98
86) Indeno(1,2,3-cd)pyrene	17.05	276	881864	35.801	ng	98
88) Benzo(b)fluoranthene	15.12	252	1103016	43.623	ng	98
89) Benzo(k)fluoranthene	15.15	252	910084	41.843	ng	99
90) Benzo(a)pyrene	15.49	252	914168	41.799	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	741801	36.132	ng	100
92) Benzo(g,h,i)perylene	17.50	276	726439	35.062	ng	97

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

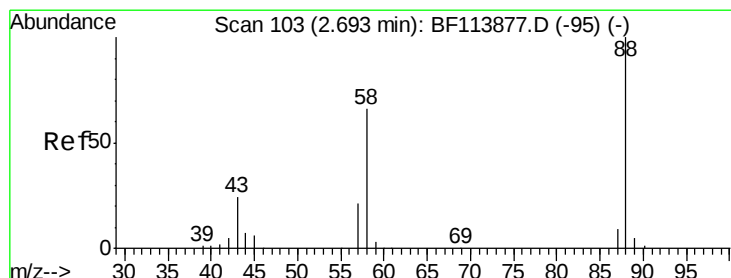
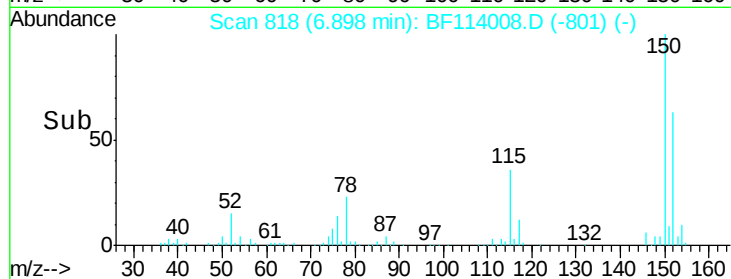
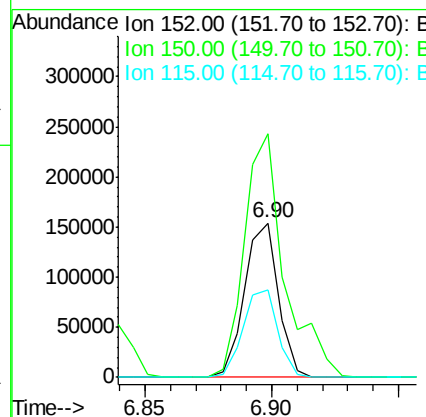
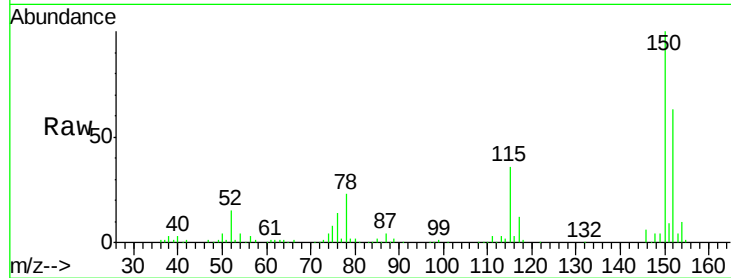


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Instrument :
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PB119206BS

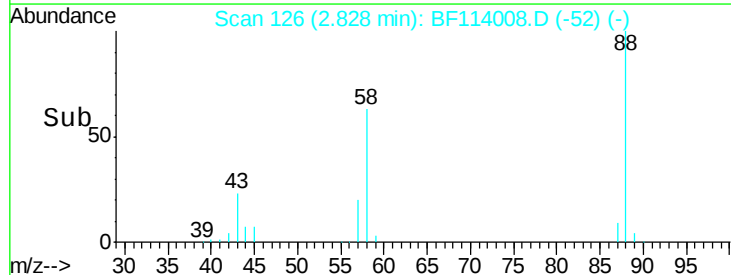
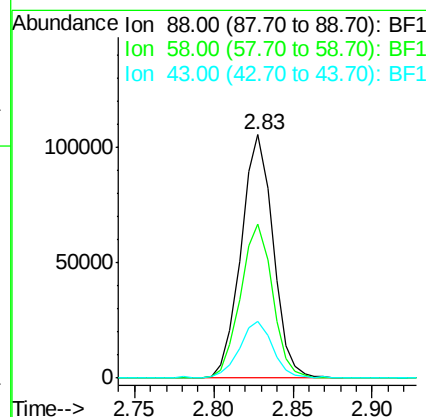
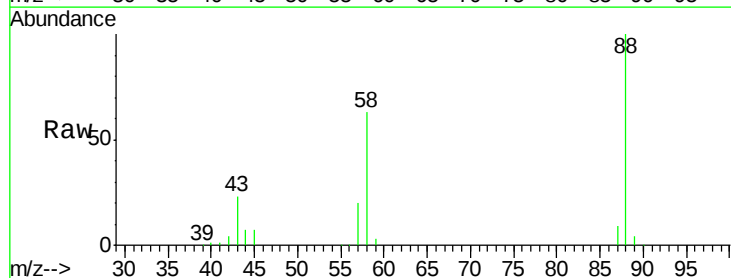
Tot Ion:152 Resp: 142579
Ion Ratio Lower Upper
152 100
150 157.8 125.9 188.9
115 56.9 45.9 68.9

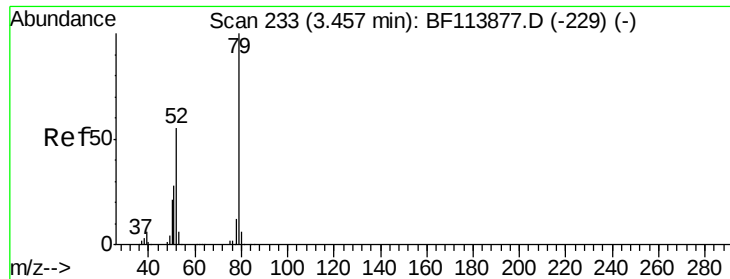


#2

1,4-Dioxane
Concen: 37.643 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.14 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Tgt Ion: 88 Resp: 147922
Ion Ratio Lower Upper
88 100
58 63.5 53.3 79.9
43 25.0 19.0 28.4





#3

Pvridine

Concen: 37.196 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.11 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

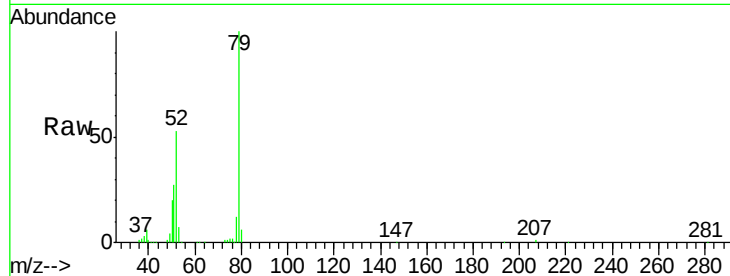
Tot Ion: 79 Resp: 398965

Ion Ratio Lower Upper

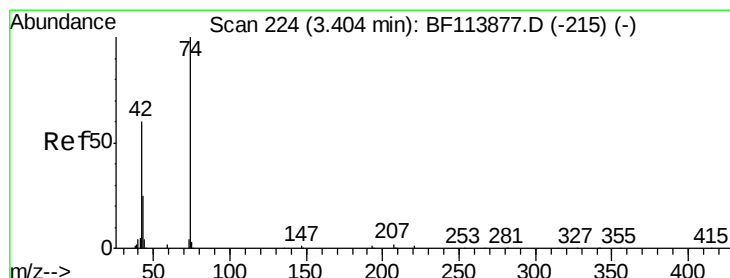
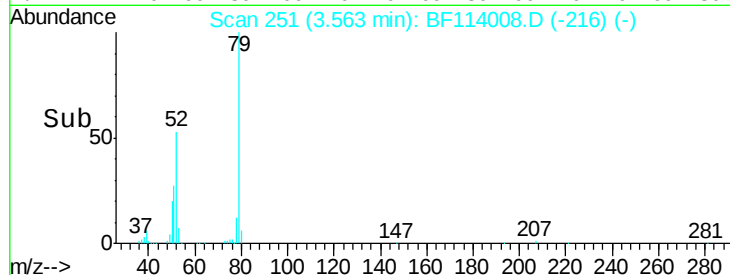
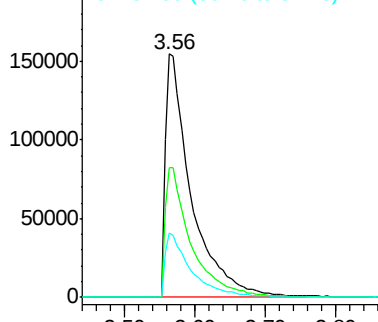
79 100

52 53.2 45.3 67.9

51 26.6 22.1 33.1



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



#4

n-Nitrosodimethylamine

Concen: 35.815 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.11 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

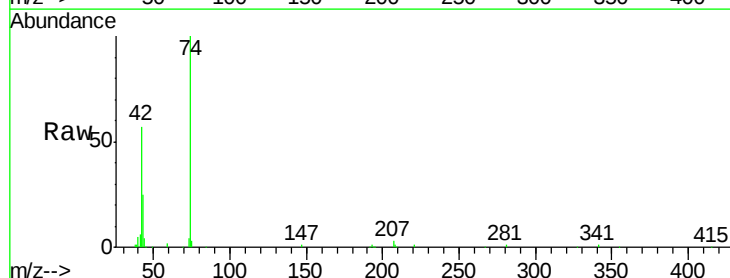
Tgt Ion: 42 Resp: 131502

Ion Ratio Lower Upper

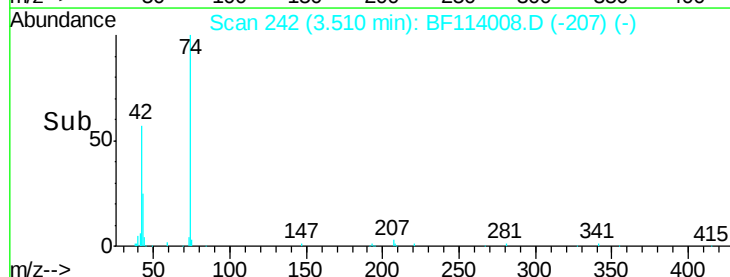
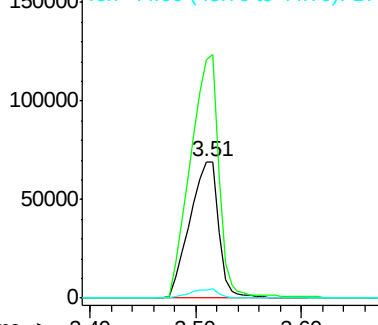
42 100

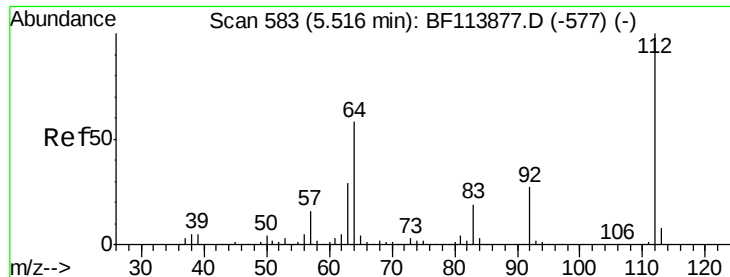
74 175.4 132.6 198.8

44 6.3 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: 124.974 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

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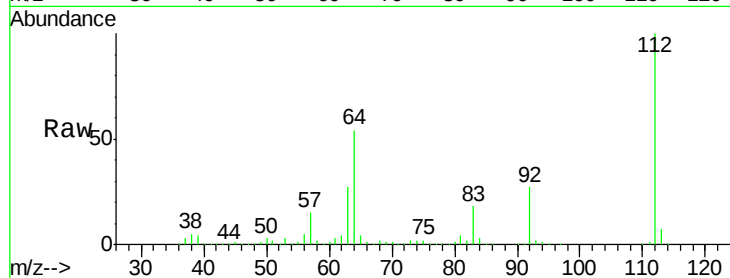
Tot Ion:112 Resp: 1041811

Ion Ratio Lower Upper

112 100

64 53.7 46.6 69.8

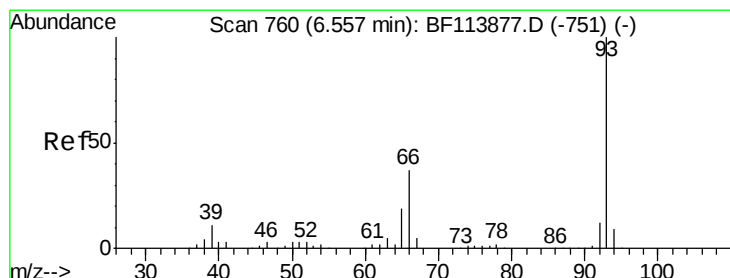
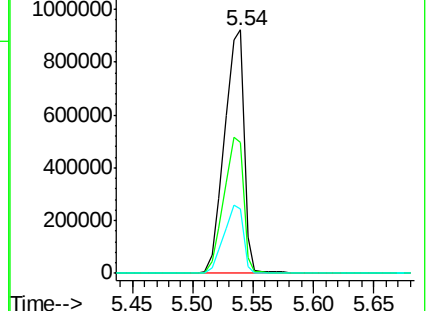
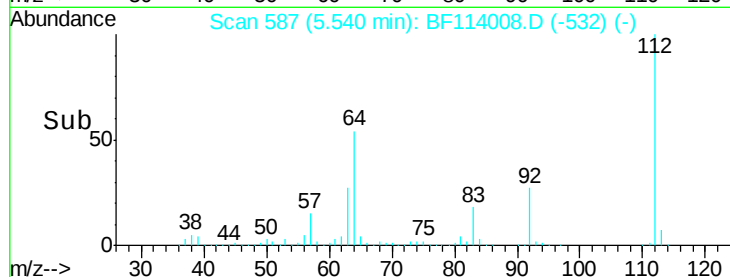
63 26.7 23.1 34.7



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: 29.487 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

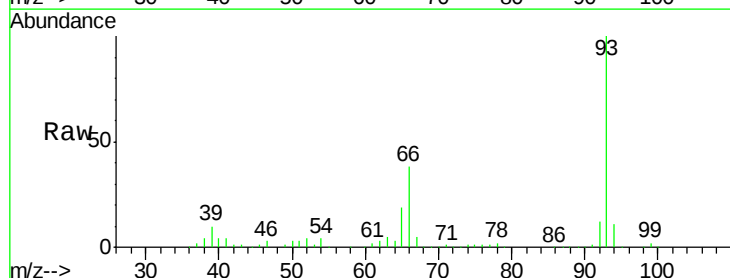
Tgt Ion: 93 Resp: 423489

Ion Ratio Lower Upper

93 100

66 38.0 29.8 44.6

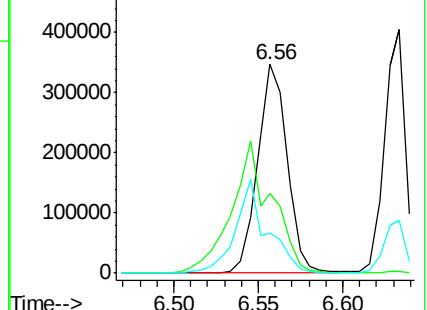
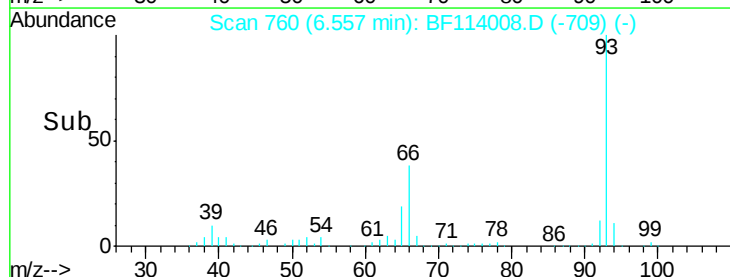
65 19.0 14.9 22.3

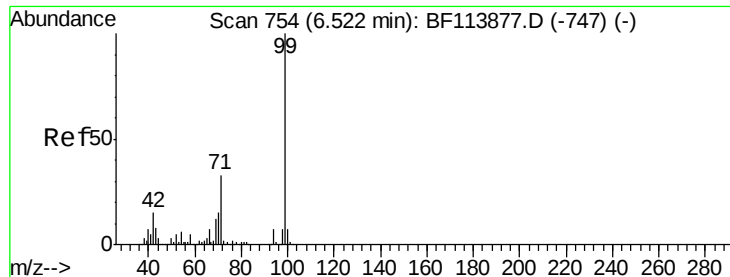


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.804 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF114008.D

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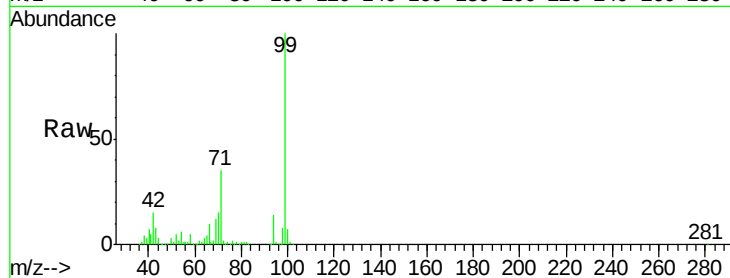
Tot Ion: 99 Resp: 1347136

Ion Ratio Lower Upper

99 100

42 14.9 12.5 18.7

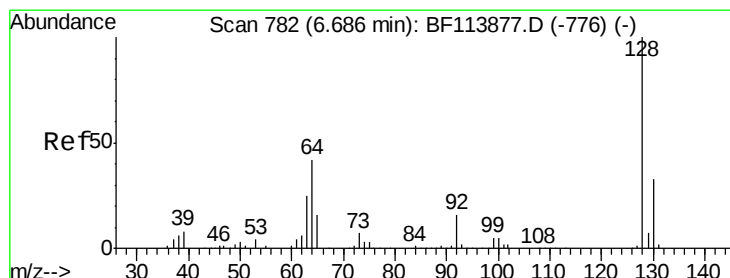
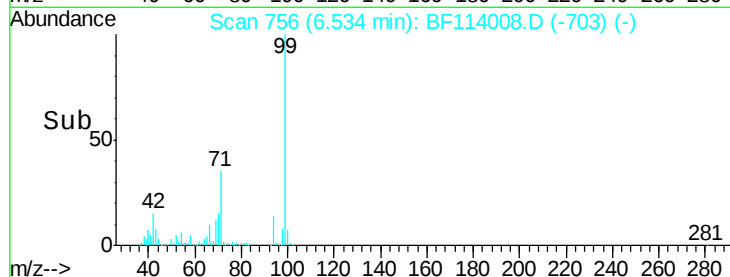
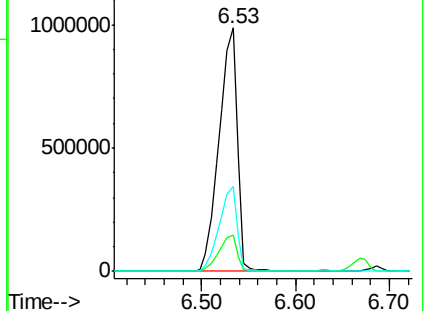
71 34.7 26.9 40.3



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: 38.373 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF114008.D

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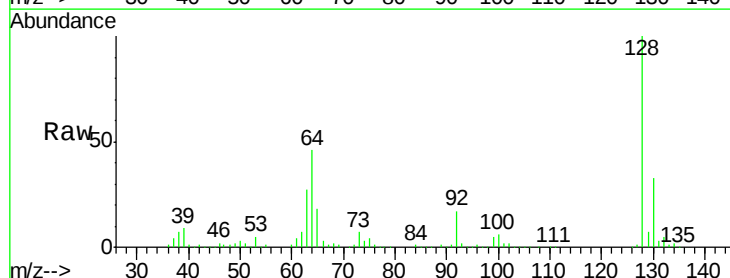
Tgt Ion:128 Resp: 365211

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

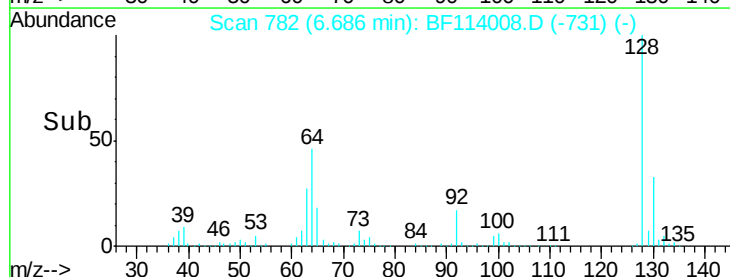
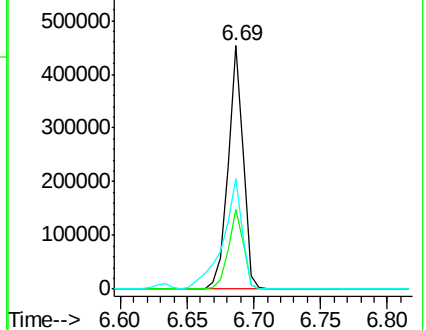
64 45.6 26.1 66.1

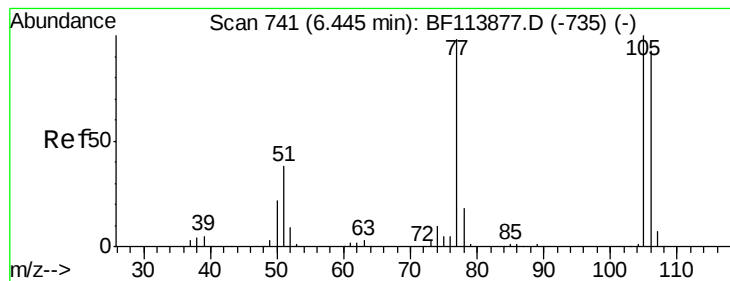


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 52.219 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF114008.D

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PB119206BS

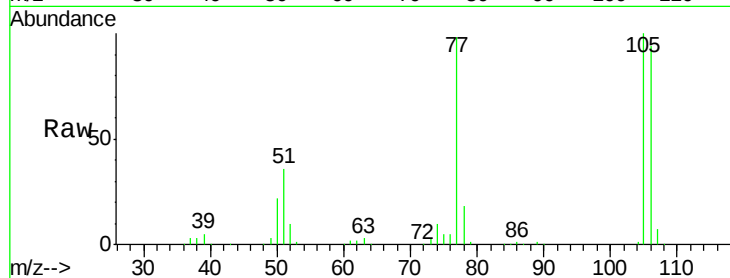
Tot Ion: 77 Resp: 283982

Ion Ratio Lower Upper

77 100

105 101.5 74.1 114.1

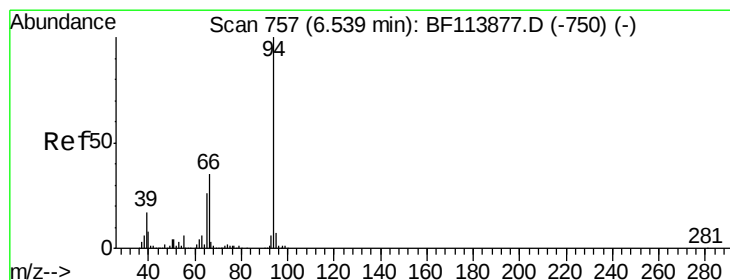
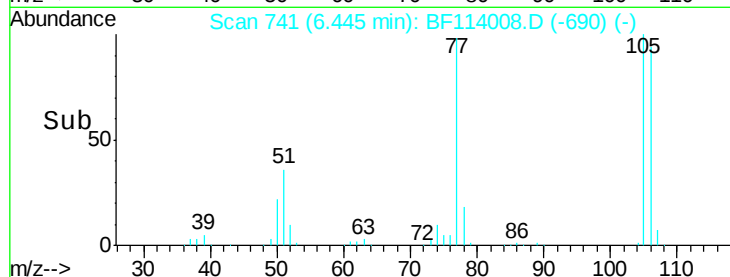
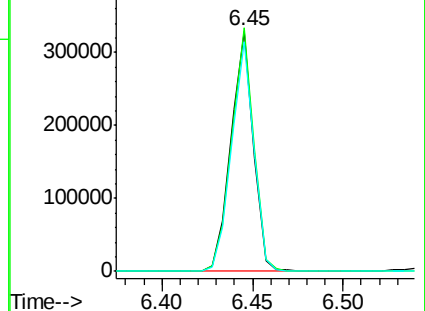
106 95.7 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.055 ng

RT: 6.55 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

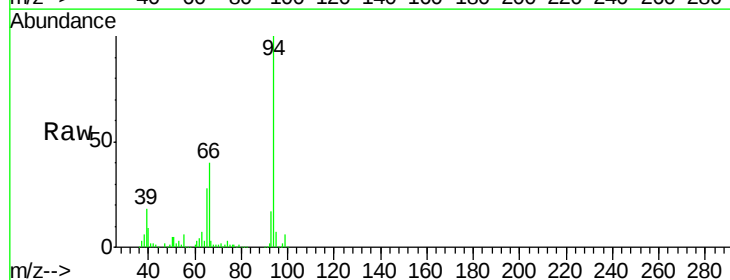
Tgt Ion: 94 Resp: 463418

Ion Ratio Lower Upper

94 100

65 28.4 8.1 48.1

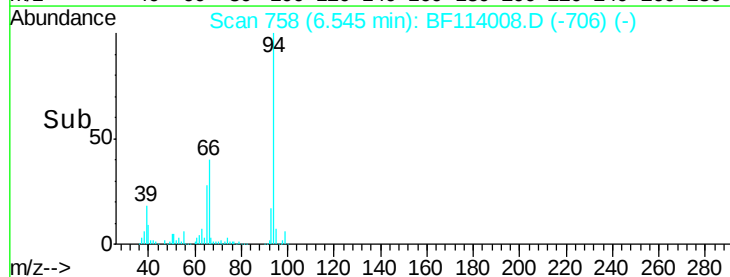
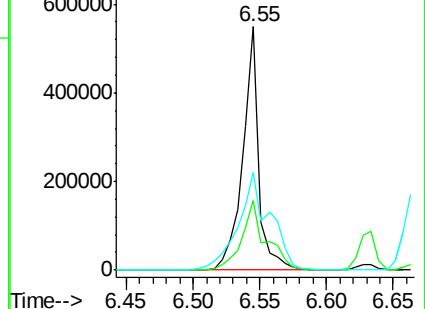
66 39.9 16.6 56.6

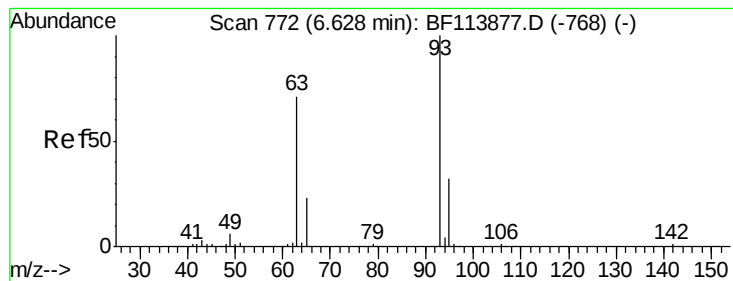


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.017 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

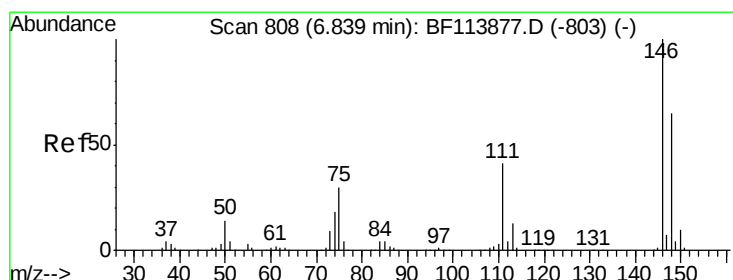
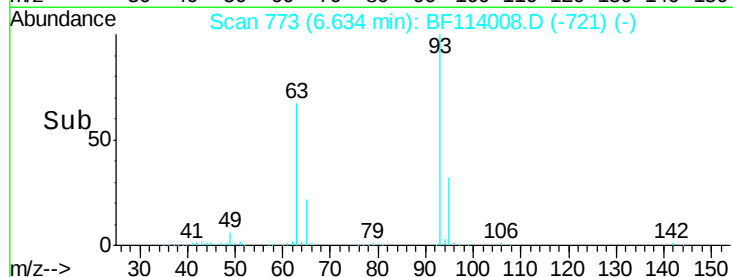
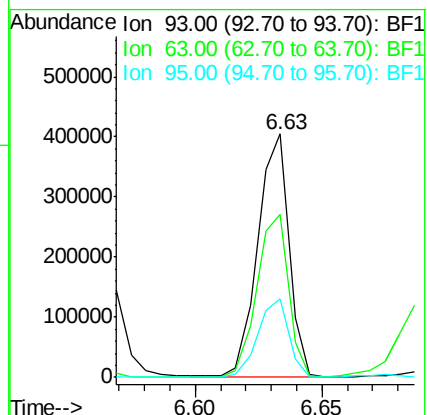
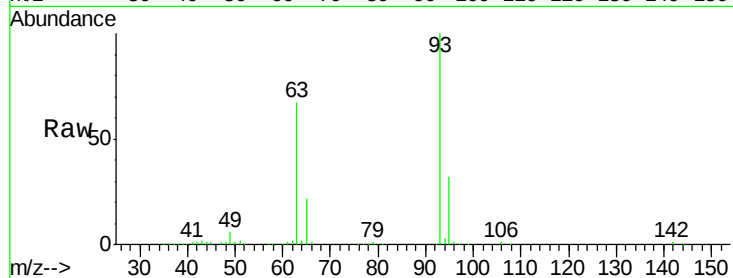
Tot Ion: 93 Resp: 348369

Ion Ratio Lower Upper

93 100

63 66.8 50.7 90.7

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 38.786 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

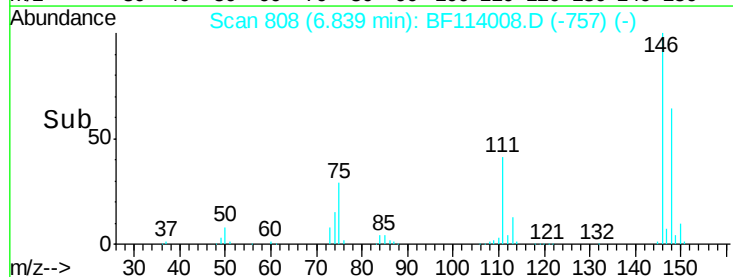
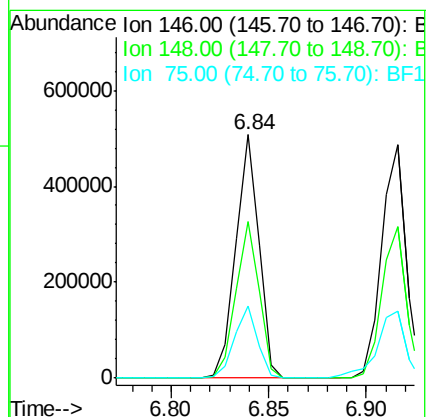
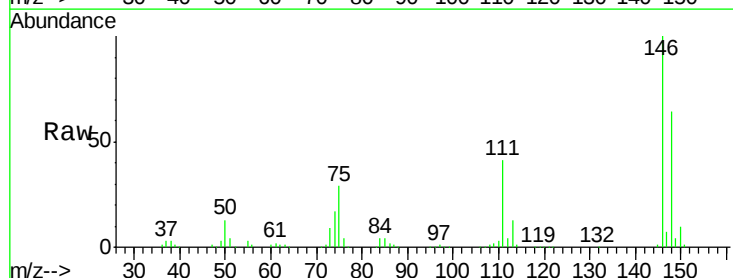
Tgt Ion: 146 Resp: 418083

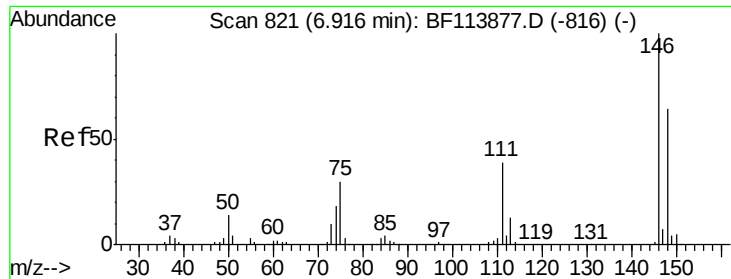
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

75 29.5 23.8 35.8

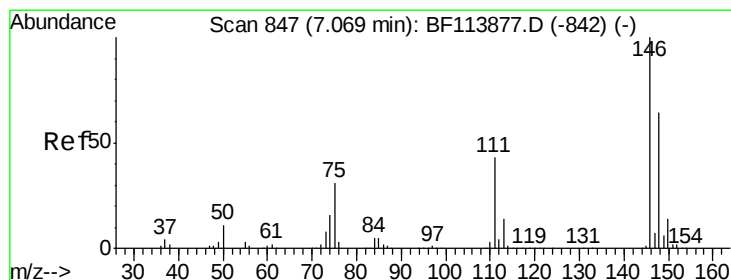
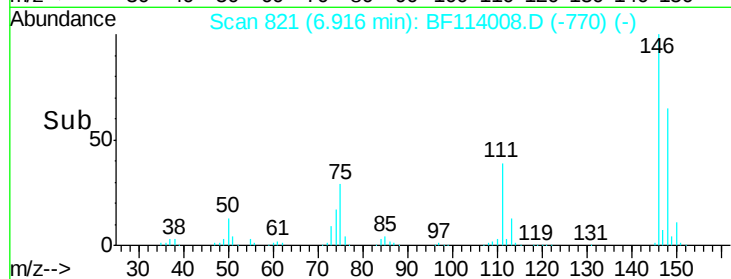
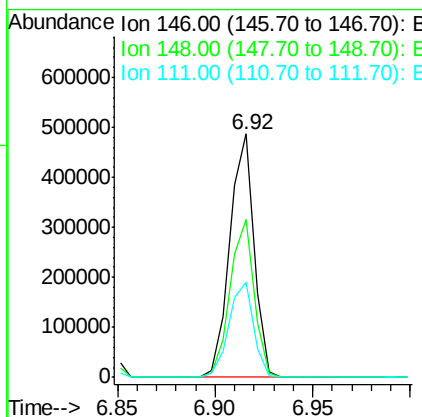
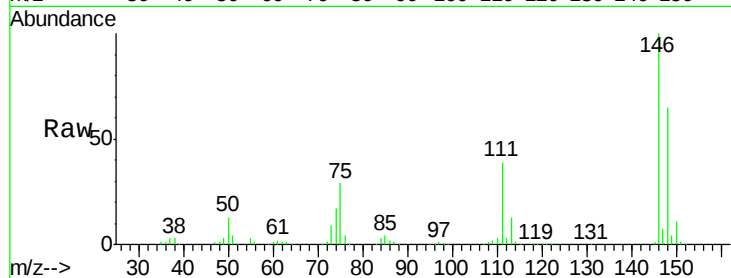




#13
 1,4-Dichlorobenzene
 Concen: 38.714 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF114008.D
 Acq: 26 Apr 2019 14:25

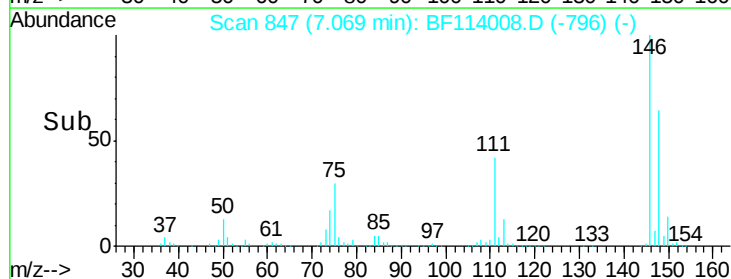
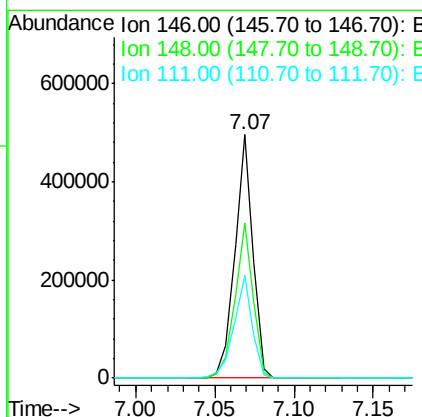
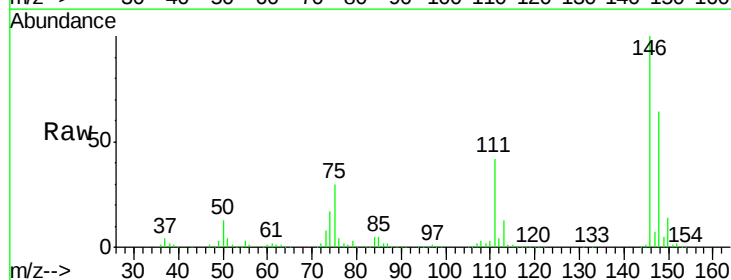
Instrument :
 BNA_F
 ClientSampleId :
 PB119206BS

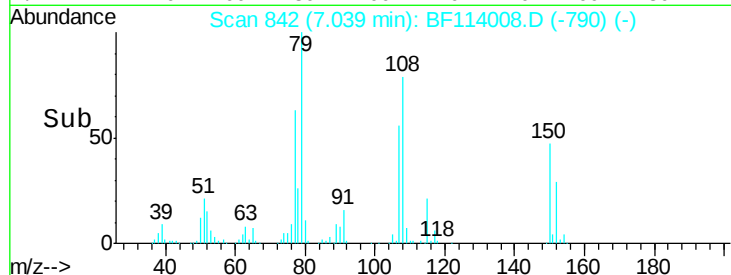
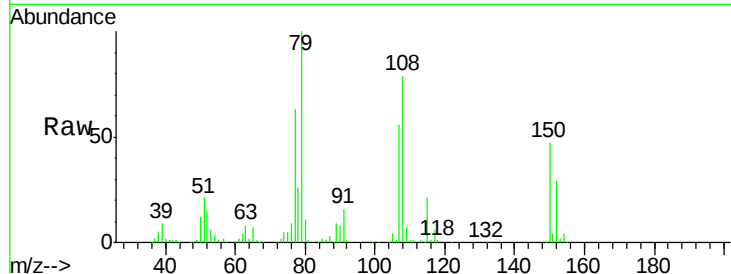
Tot Ion:146 Resp: 419730
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.8
 111 38.9 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 39.219 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF114008.D
 Acq: 26 Apr 2019 14:25

Tgt Ion:146 Resp: 390779
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.1 78.1
 111 42.5 34.2 51.4





#15

Benzyl Alcohol

Concen: 41.967 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

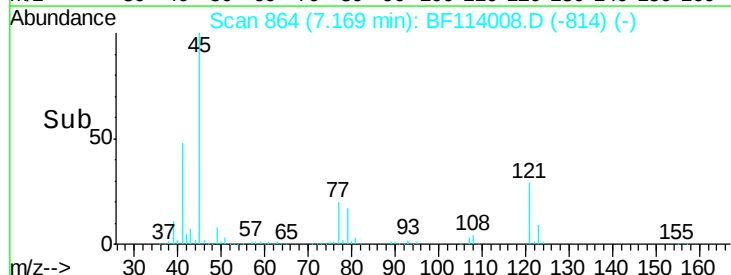
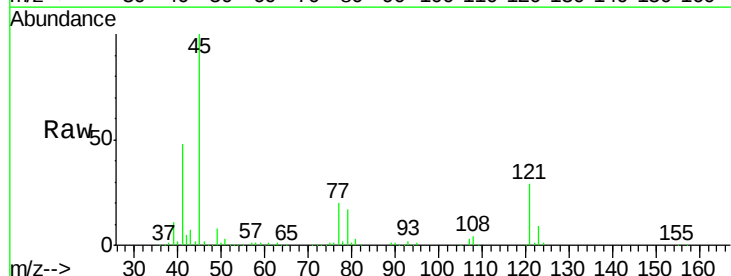
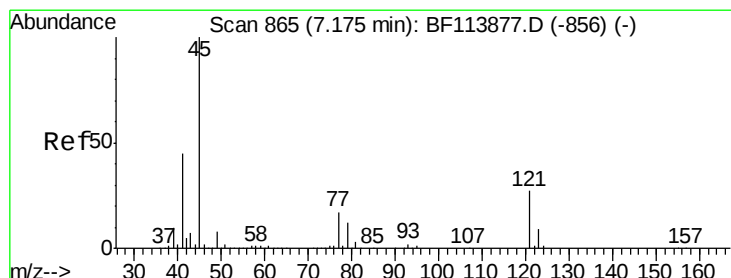
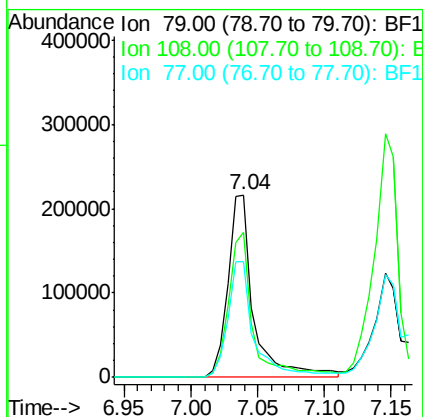
Tot Ion: 79 Resp: 295611

Ion Ratio Lower Upper

79 100

108 79.4 61.4 92.0

77 63.0 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.054 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

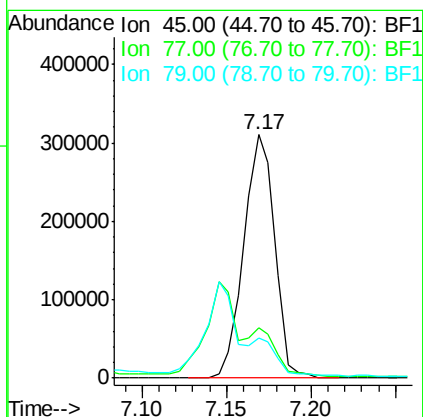
Tgt Ion: 45 Resp: 396084

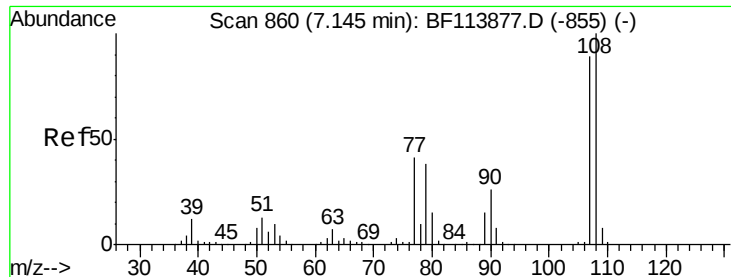
Ion Ratio Lower Upper

45 100

77 20.4 0.0 37.0

79 16.5 0.0 32.7





#17

2-Methylphenol

Concen: 39.129 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

Tot Ion:107 Resp: 326444

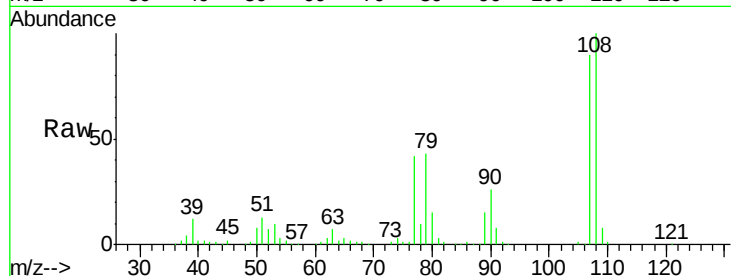
Ion Ratio Lower Upper

107 100

108 111.3 91.5 137.3

77 47.1 36.2 54.4

79 47.4 35.4 53.0

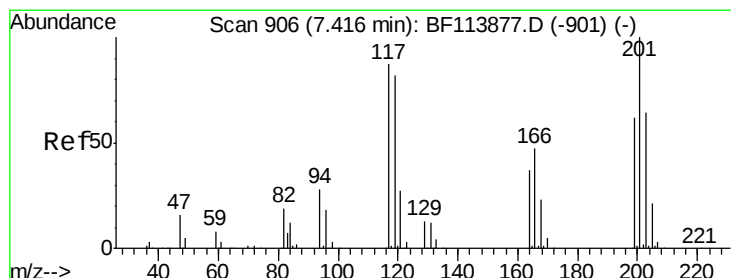
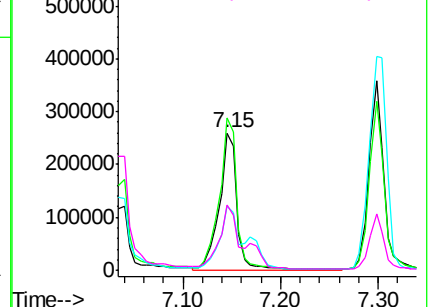
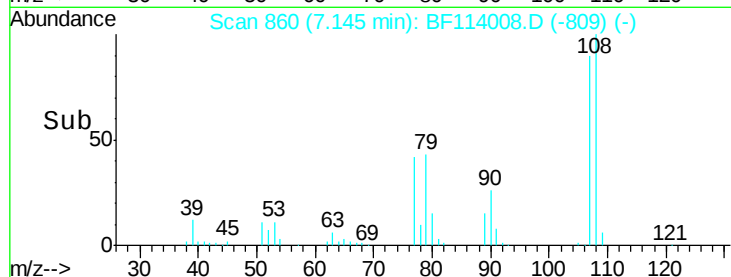


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.020 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

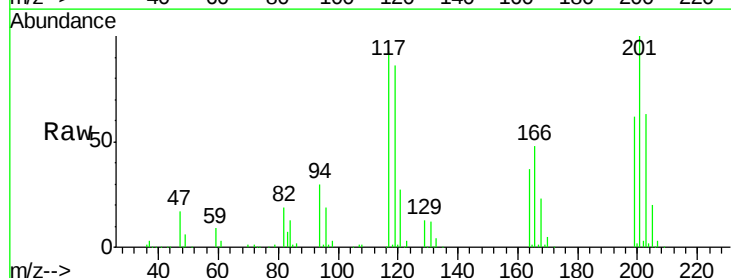
Tgt Ion:117 Resp: 144497

Ion Ratio Lower Upper

117 100

119 92.1 74.4 111.6

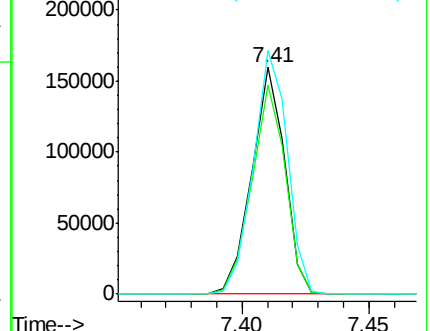
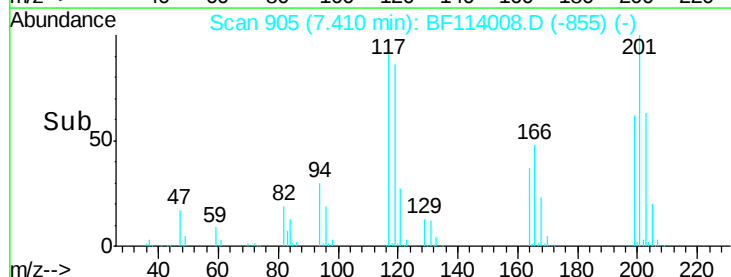
201 107.3 90.2 135.2

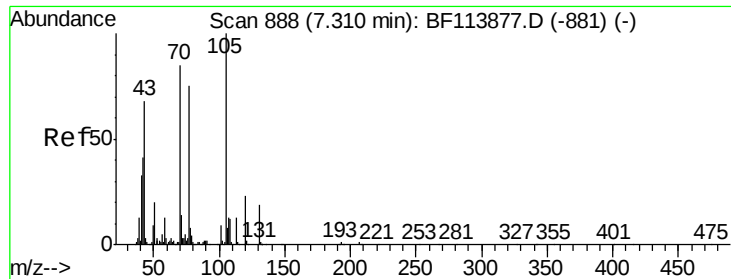


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

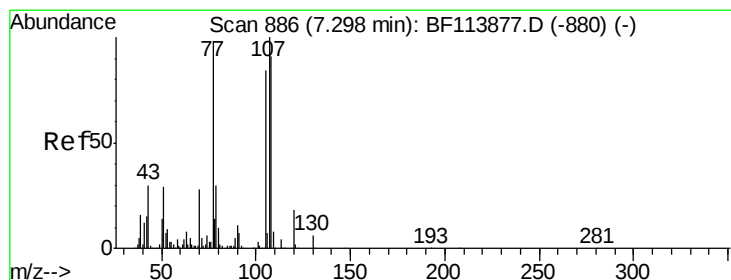
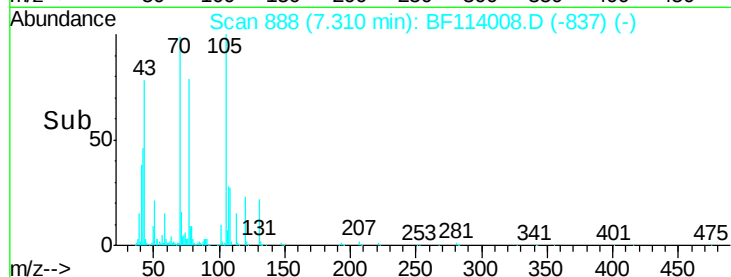
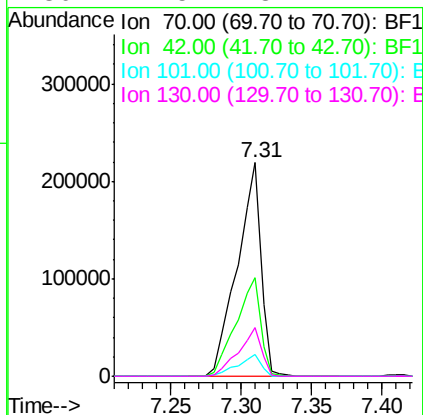
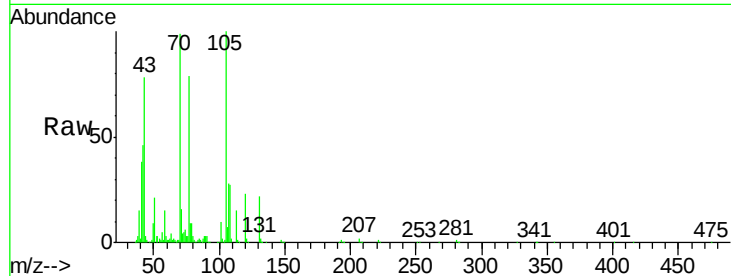




#19
n-Nitroso-di-n-propylamine
Concen: 37.982 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

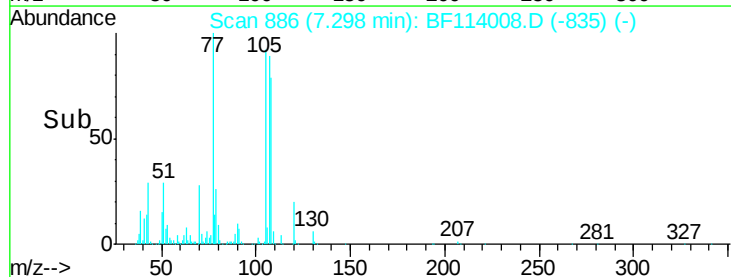
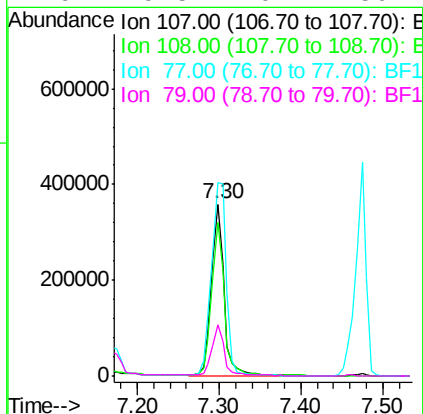
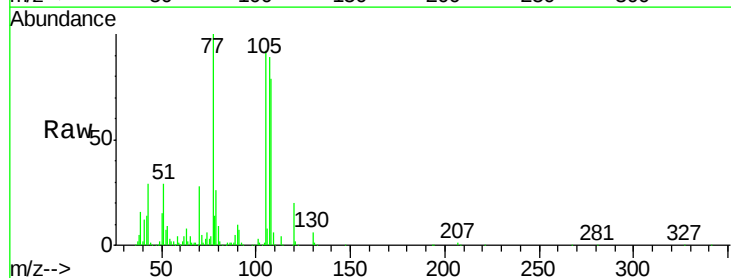
Instrument :
BNA_F
ClientSampleId :
PB119206BS

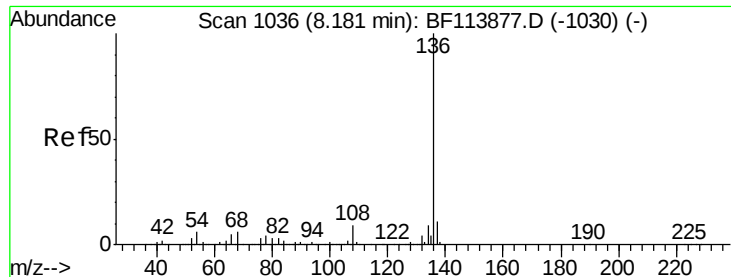
Tot Ion:	70	Resp:	257254
Ion	Ratio	Lower	Upper
70	100		
42	46.1	37.3	55.9
101	10.1	7.8	11.8
130	22.5	18.2	27.2



#20
3+4-Methylphenols
Concen: 41.119 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Tgt Ion:	107	Resp:	387572
Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.1	110.1
77	112.4	52.9	92.9#
79	29.5	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: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

Tot Ion:136 Resp: 548982

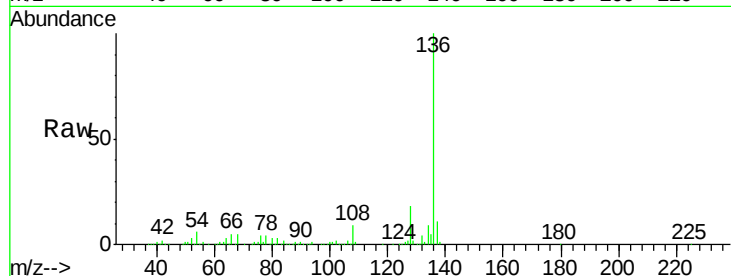
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 5.7 5.0 7.6

68 5.4 4.9 7.3

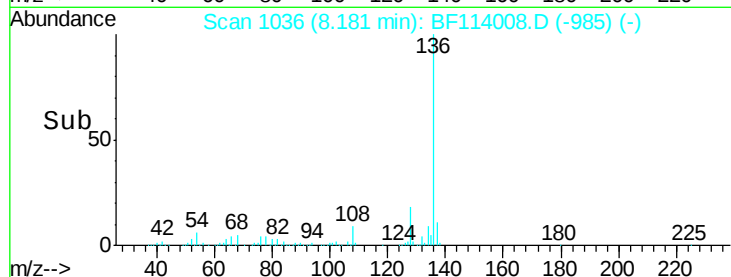


Abundance Ion 136.00 (135.70 to 136.70): E

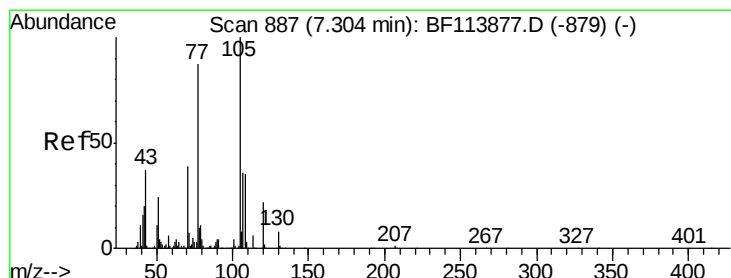
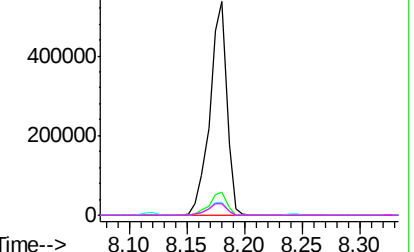
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 42.140 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Tgt Ion:105 Resp: 514816

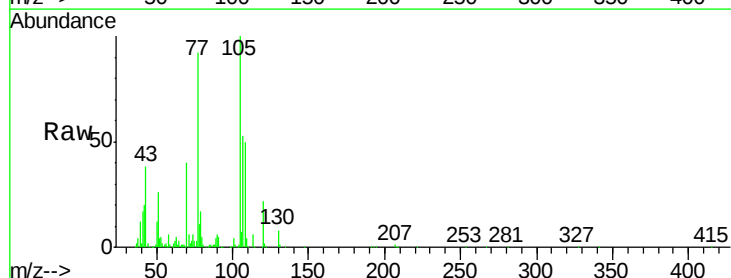
Ion Ratio Lower Upper

105 100

71 6.3 6.1 9.1

51 25.8 16.8 25.2#

120 21.9 17.6 26.4

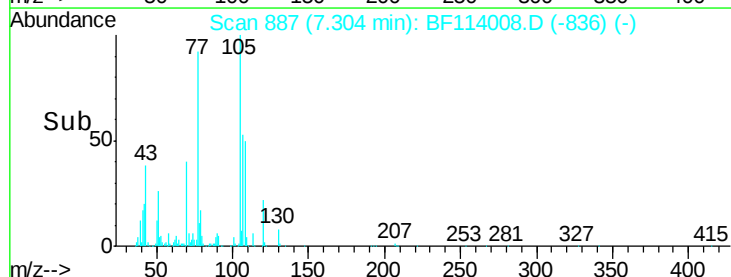


Abundance Ion 105.00 (104.70 to 105.70): E

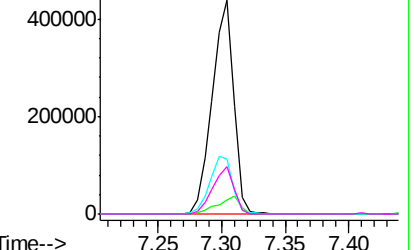
Ion 71.00 (70.70 to 71.70): BF1

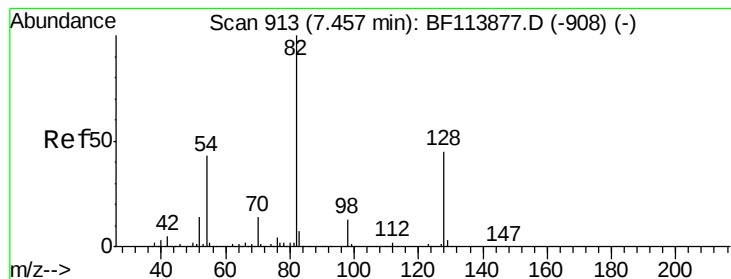
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 82.833 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

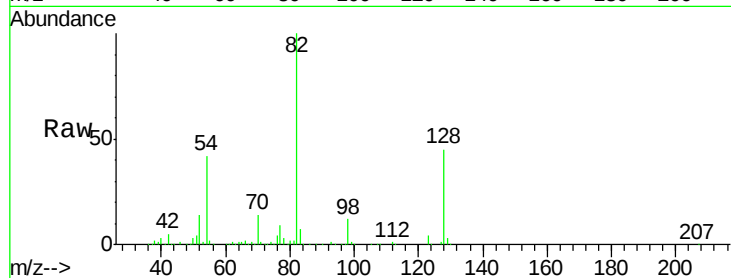
Tot Ion: 82 Resp: 736489

Ion Ratio Lower Upper

82 100

128 45.4 36.8 55.2

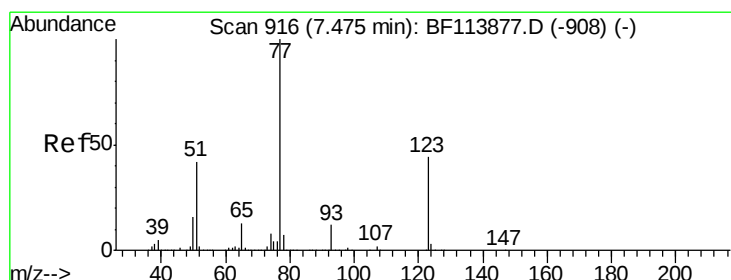
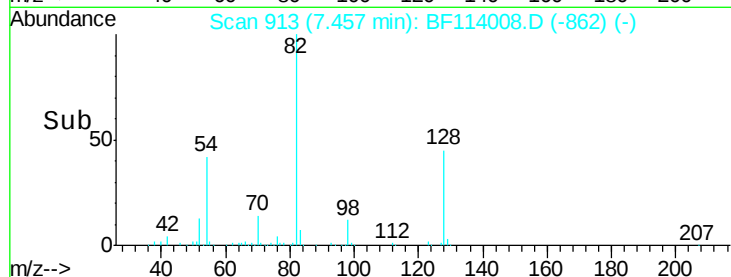
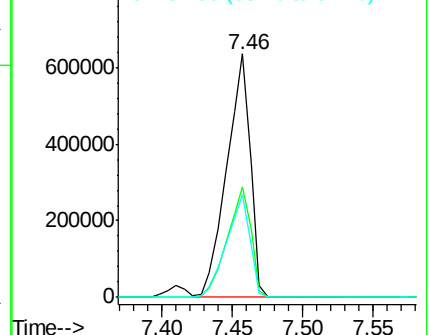
54 42.1 33.8 50.6



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: 40.475 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

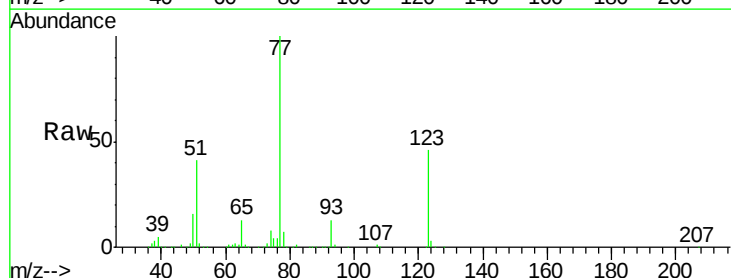
Tgt Ion: 77 Resp: 397646

Ion Ratio Lower Upper

77 100

123 46.3 36.3 54.5

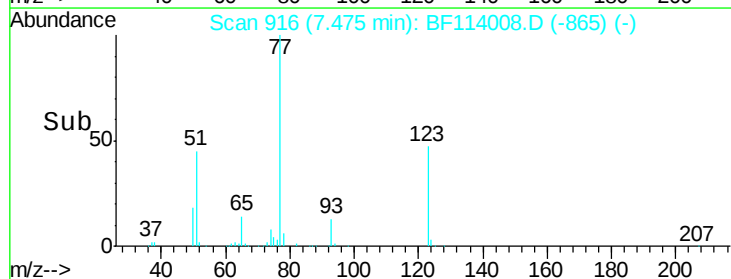
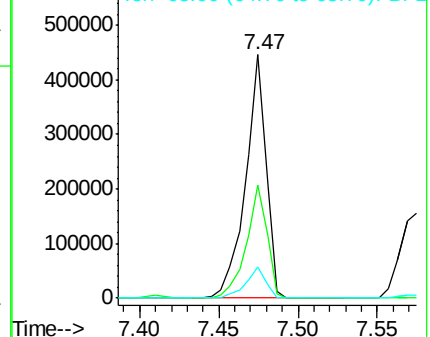
65 12.7 10.3 15.5

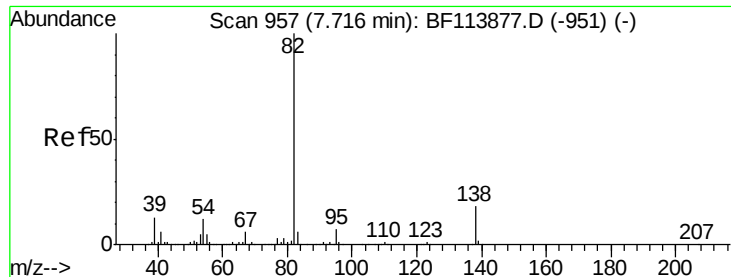


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.167 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

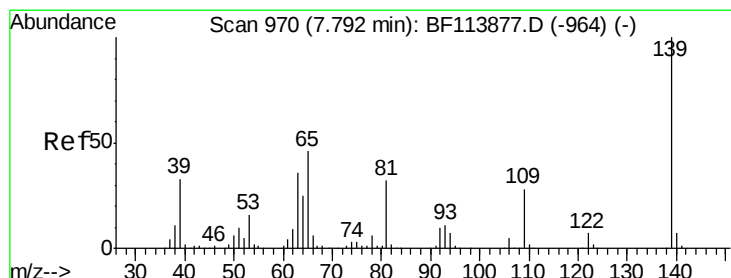
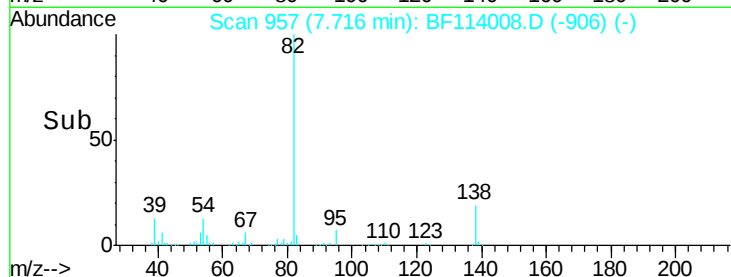
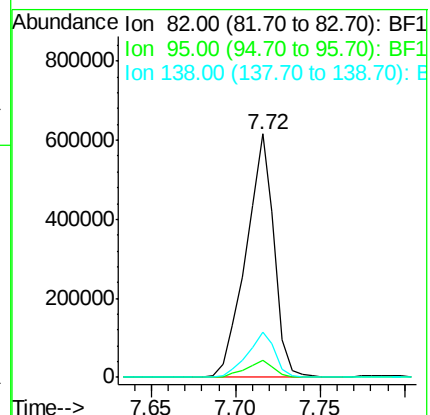
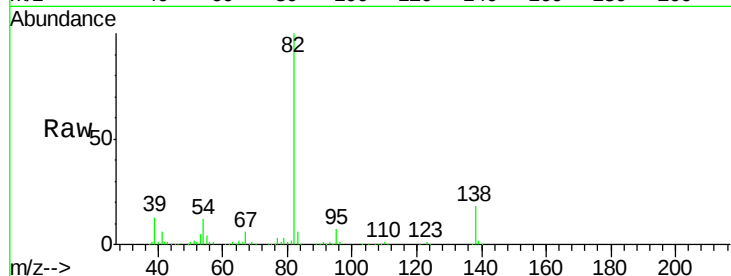
Tot Ion: 82 Resp: 712572

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 18.3 14.6 22.0



#26

2-Nitrophenol

Concen: 45.565 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

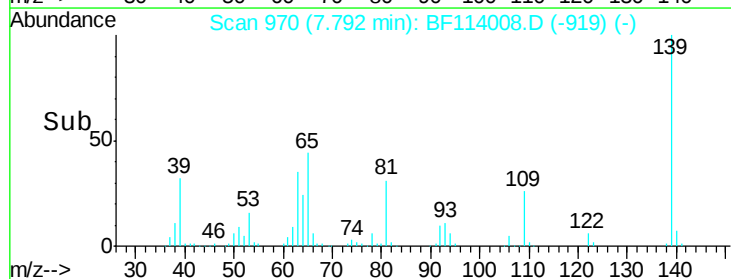
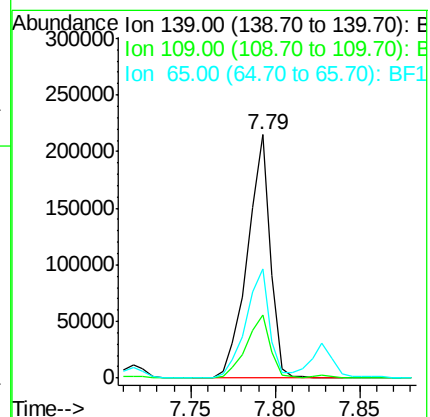
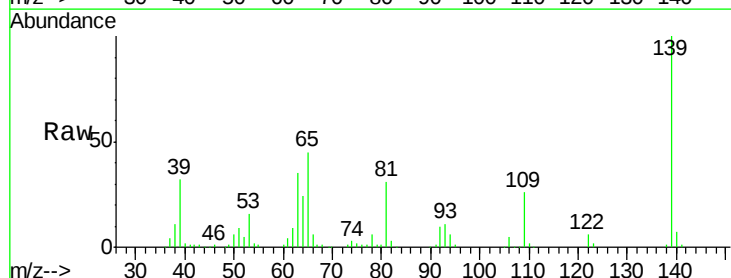
Tgt Ion: 139 Resp: 204219

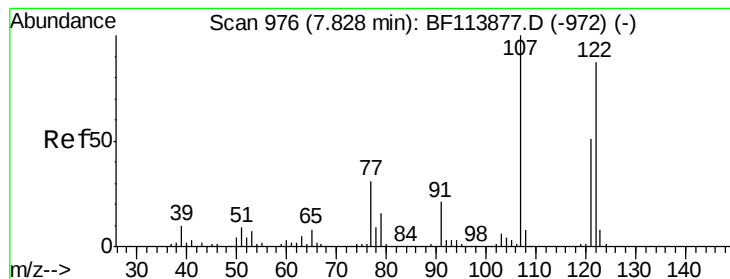
Ion Ratio Lower Upper

139 100

109 26.1 20.6 31.0

65 44.6 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 48.055 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

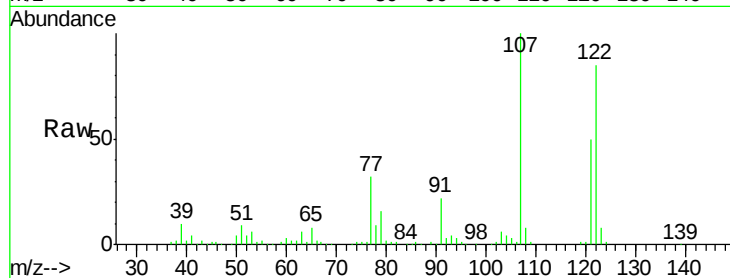
Tot Ion:122 Resp: 350911

Ion Ratio Lower Upper

122 100

107 117.8 91.2 136.8

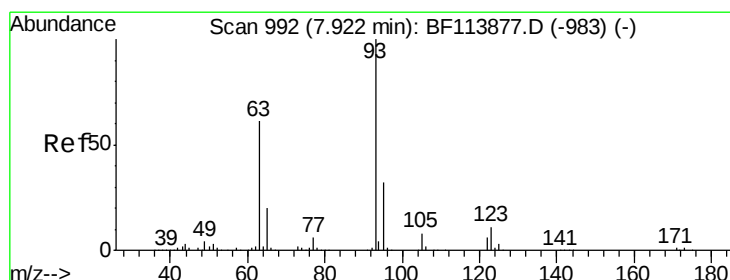
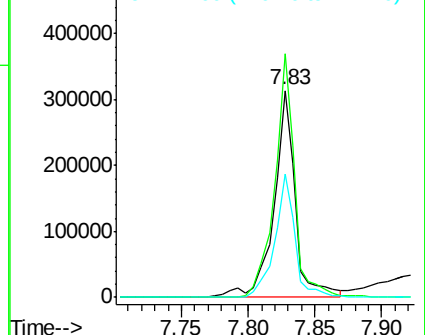
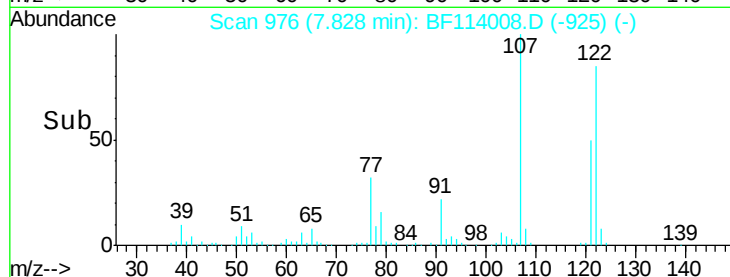
121 59.4 46.4 69.6



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: 39.130 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

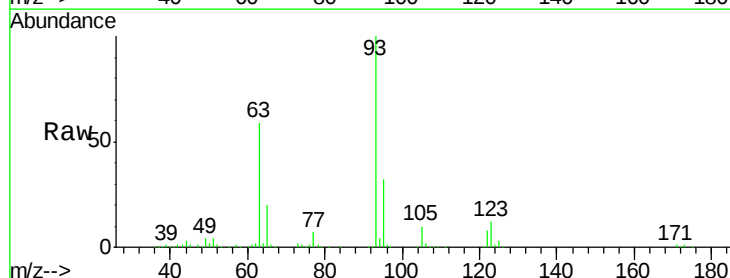
Tgt Ion: 93 Resp: 453628

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

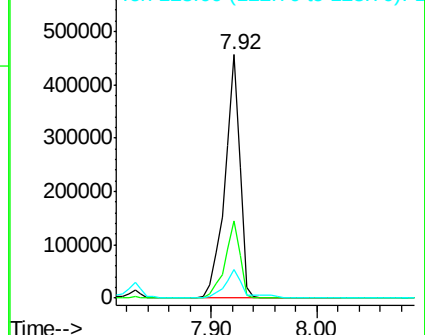
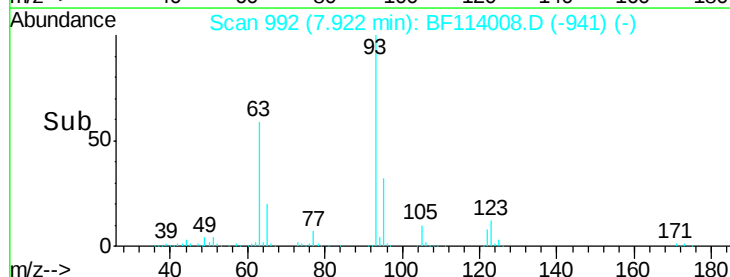
123 11.6 9.0 13.6

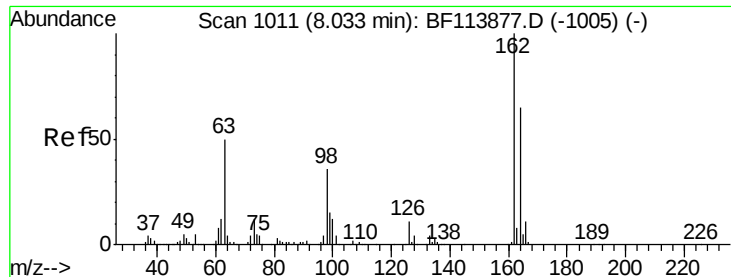


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

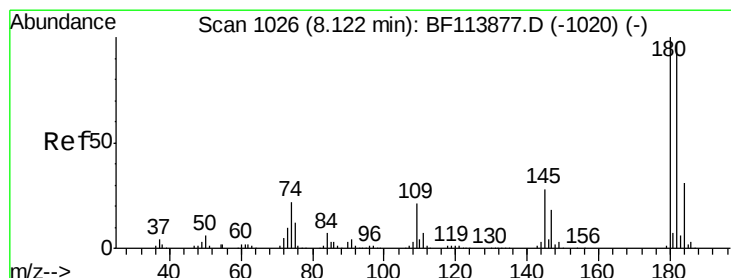
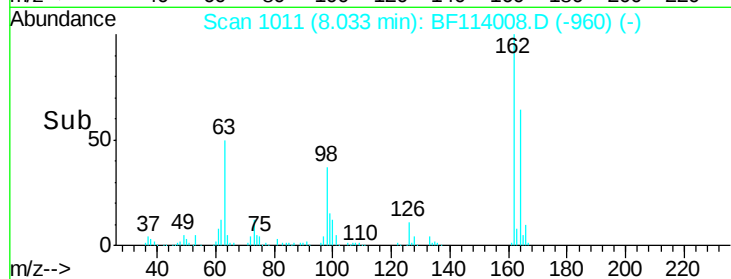
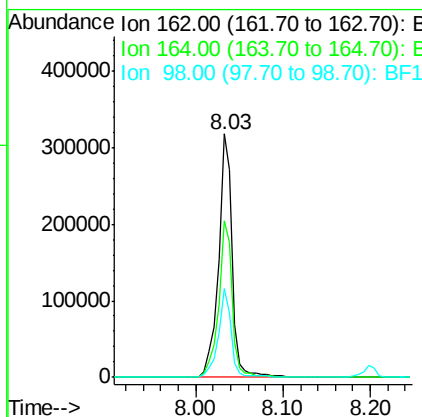
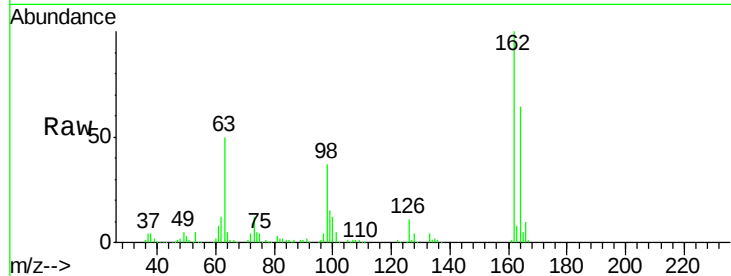




#29
2,4-Dichlorophenol
Concen: 41.470 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

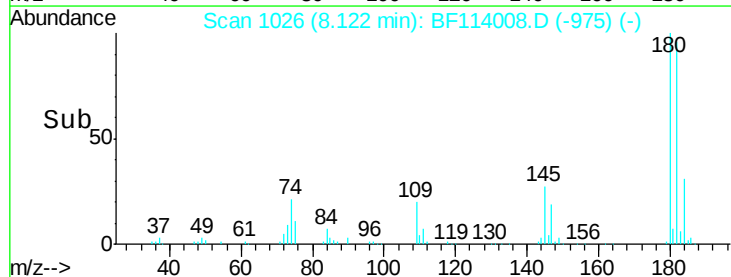
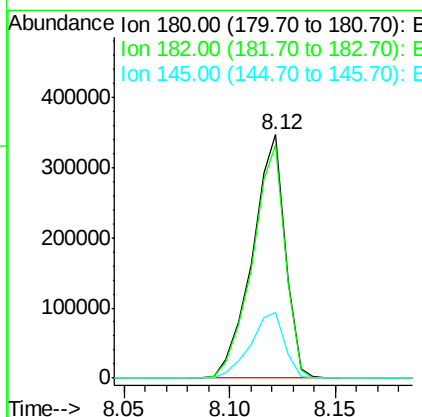
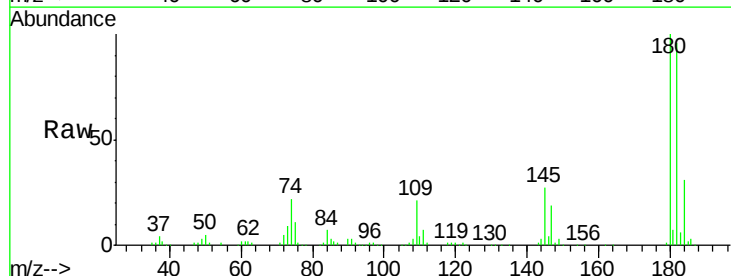
Instrument :
BNA_F
ClientSampleId :
PB119206BS

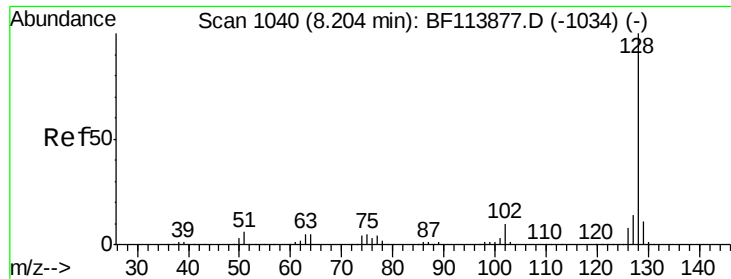
Tot Ion:162 Resp: 346293
Ion Ratio Lower Upper
162 100
164 64.2 43.7 83.7
98 36.5 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 40.201 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Tgt Ion:180 Resp: 374310
Ion Ratio Lower Upper
180 100
182 95.9 75.4 113.0
145 27.1 23.0 34.4





#31

Naphthalene

Concen: 41.120 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampled :

PB119206BS

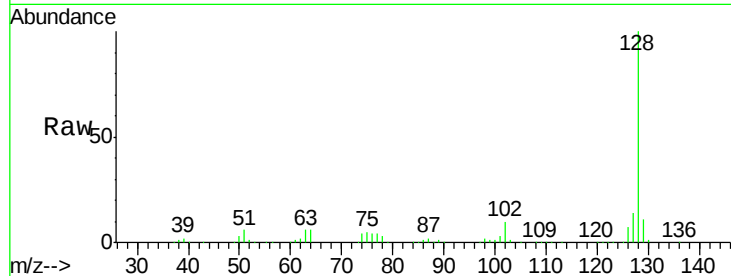
Tot Ion:128 Resp: 1072386

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

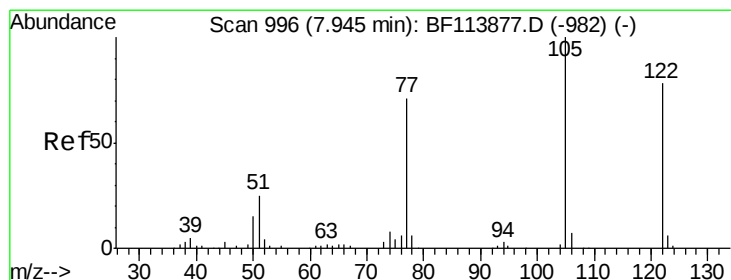
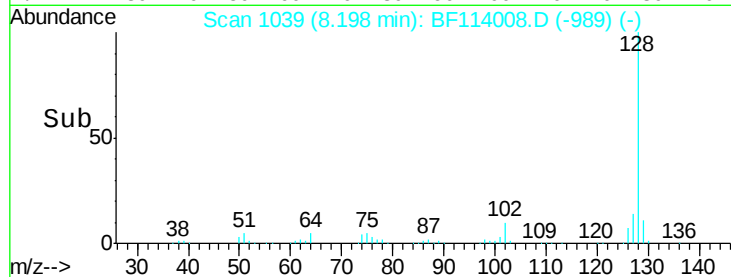
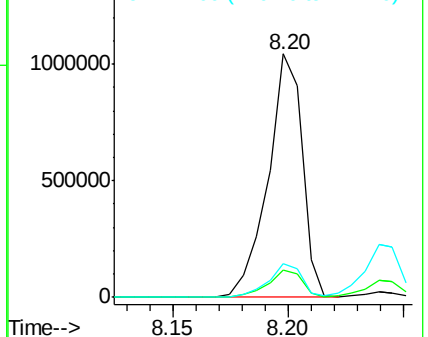
127 13.6 10.8 16.2



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: 41.721 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

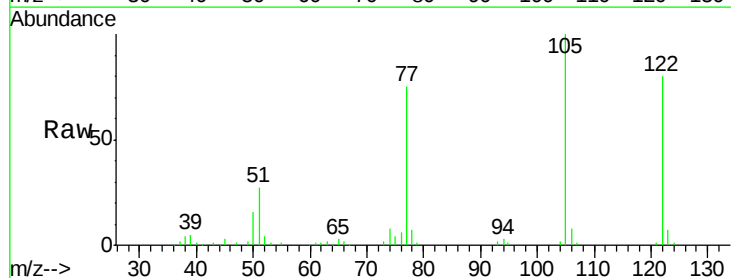
Tgt Ion:122 Resp: 205745

Ion Ratio Lower Upper

122 100

105 124.3 104.3 144.3

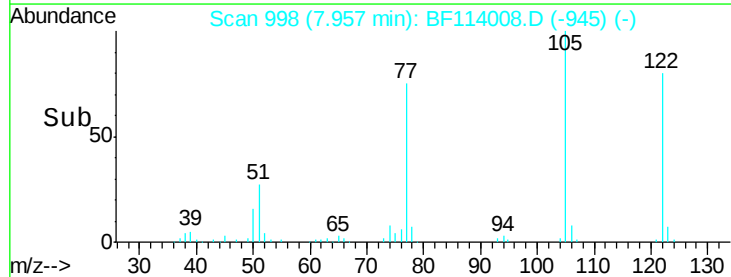
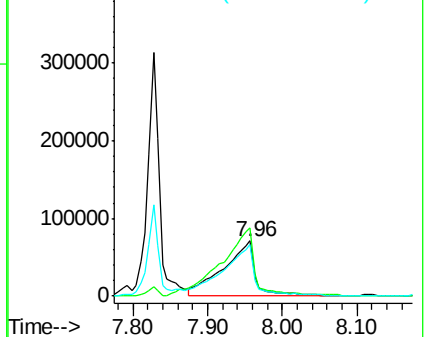
77 93.7 70.4 110.4

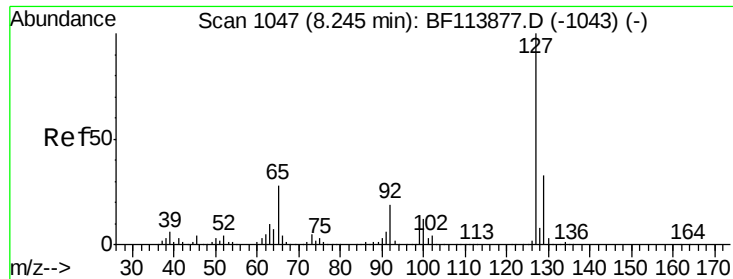


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

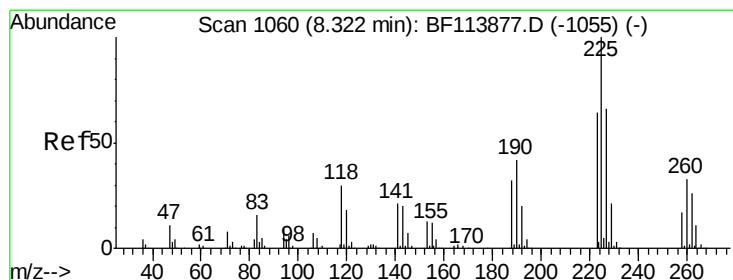
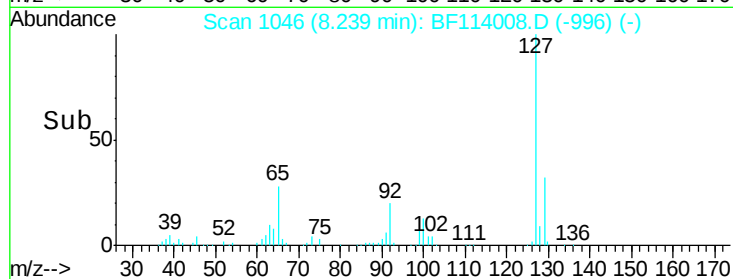
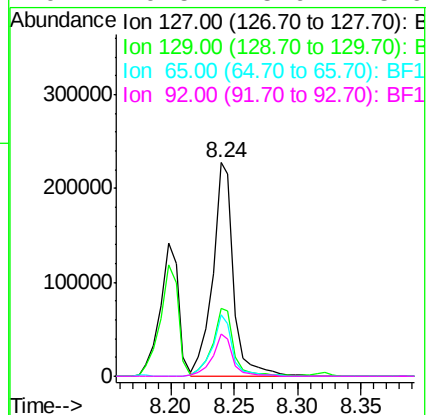
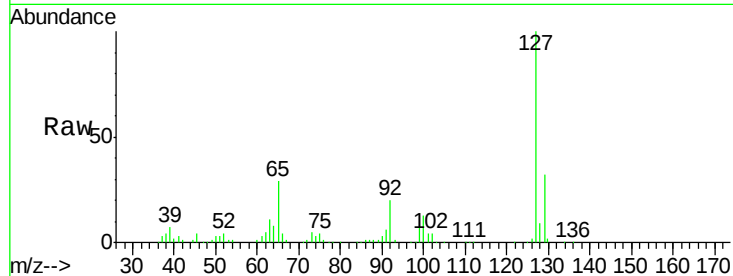




#33
4-Chloroaniline
Concen: 23.981 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

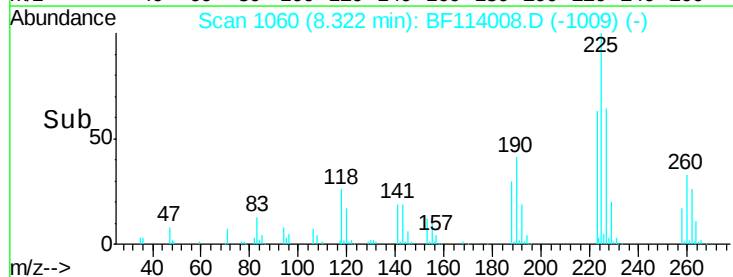
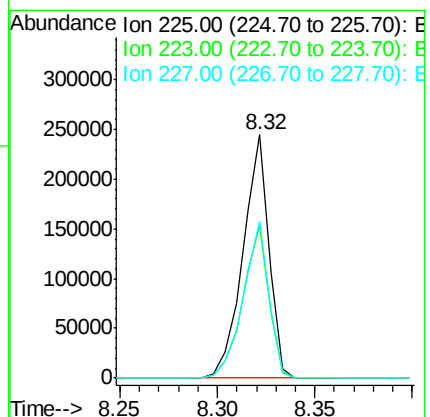
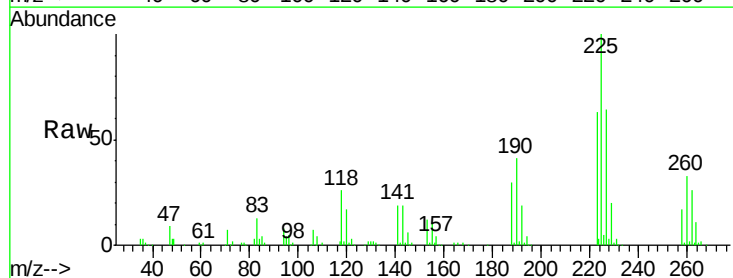
Instrument :
BNA_F
ClientSampleId :
PB119206BS

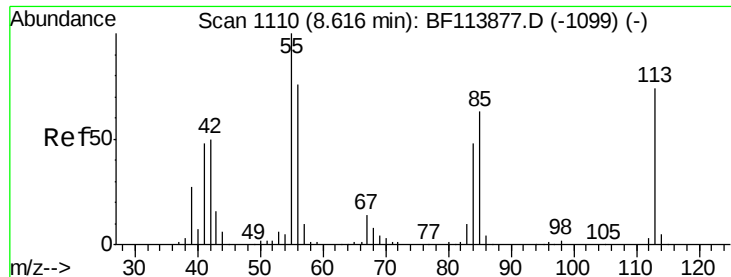
Tot Ion:	127	Resp:	264632
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.4	39.6
65	28.6	24.9	37.3
92	19.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 38.812 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Tgt Ion:	225	Resp:	225276
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.1	76.7
227	64.3	49.9	74.9

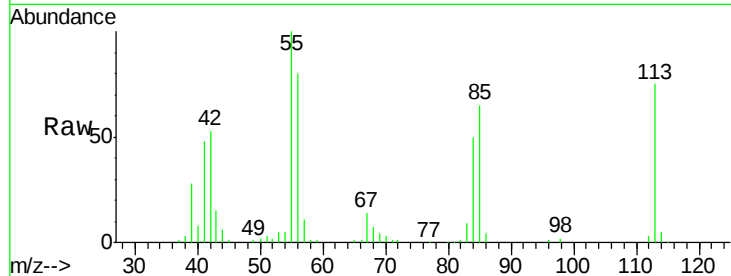




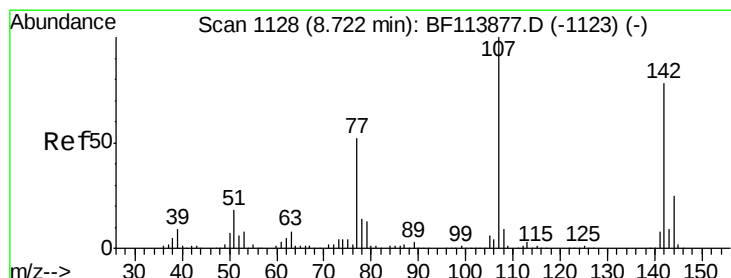
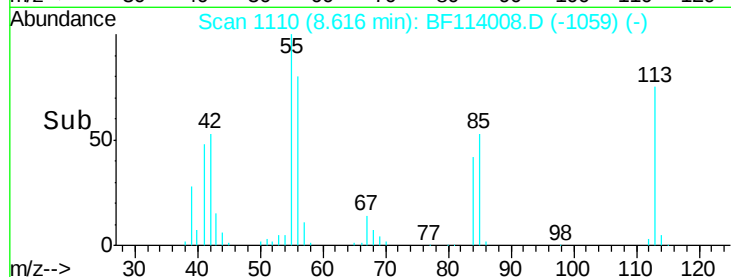
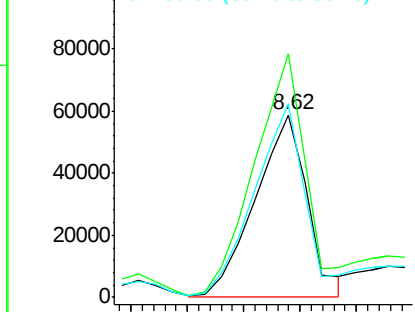
#35
Caprolactam
Concen: 28.144 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Instrument :
BNA_F
ClientSampleId :
PB119206BS

Tot Ion:113 Resp: 74760
Ion Ratio Lower Upper
113 100
55 133.4 128.6 168.6
56 106.5 91.9 131.9

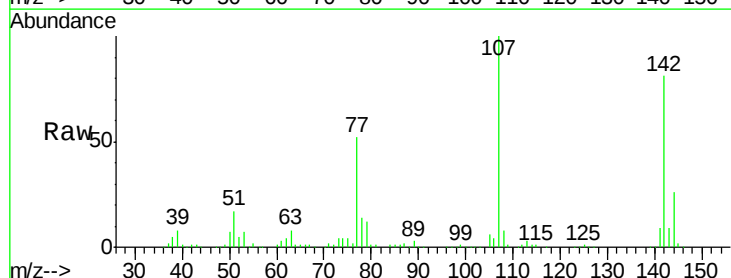


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

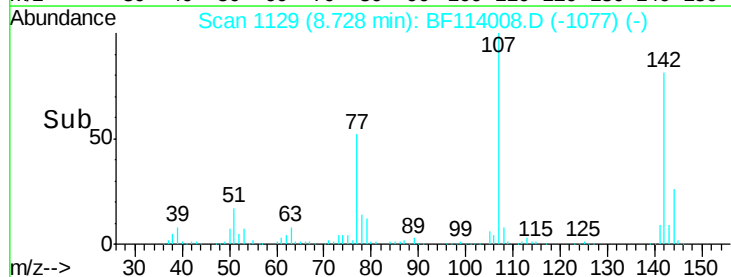
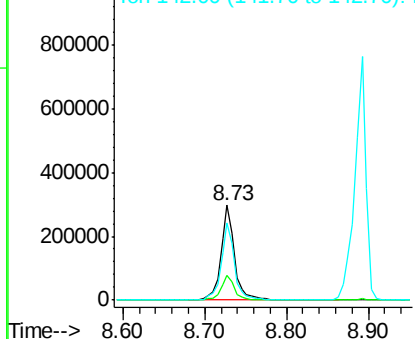


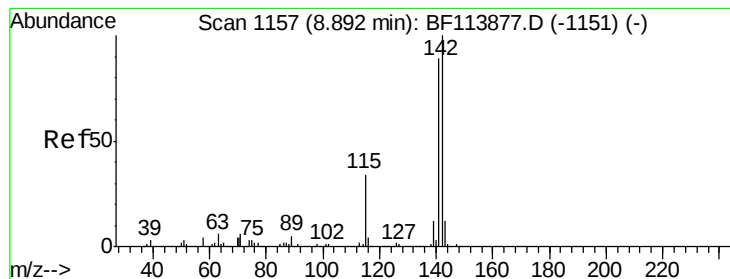
#36
4-Chloro-3-methylphenol
Concen: 41.430 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Tgt Ion:107 Resp: 342750
Ion Ratio Lower Upper
107 100
144 26.4 20.5 30.7
142 80.9 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.069 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

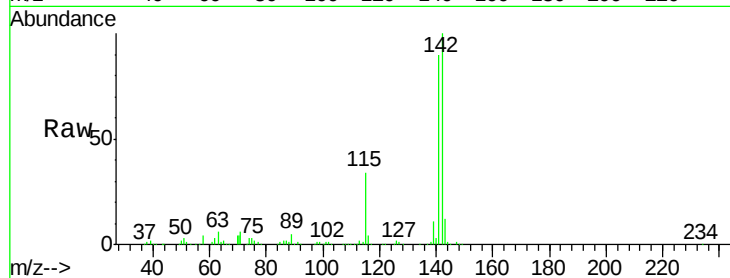
Tot Ion:142 Resp: 739856

Ion Ratio Lower Upper

142 100

141 89.6 70.4 105.6

115 34.1 26.3 39.5



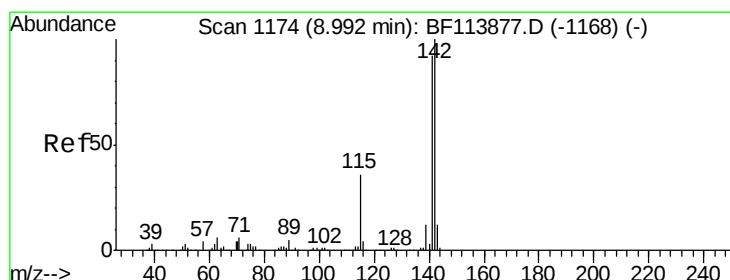
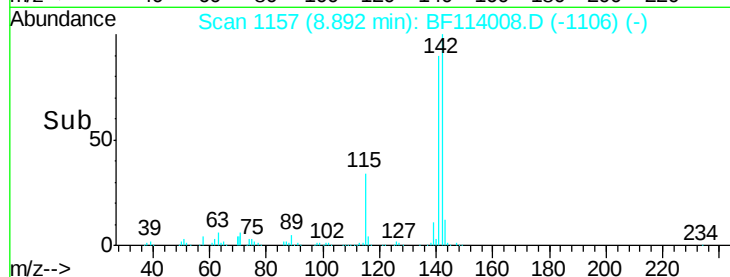
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.89

Time-->



#38

1-Methylnaphthalene

Concen: 41.182 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

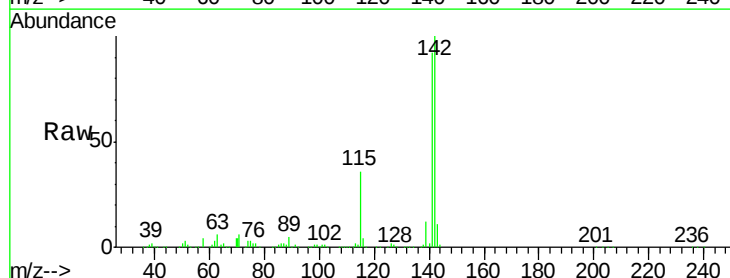
Tgt Ion:142 Resp: 699024

Ion Ratio Lower Upper

142 100

141 92.4 72.3 108.5

116 3.7 3.0 4.4



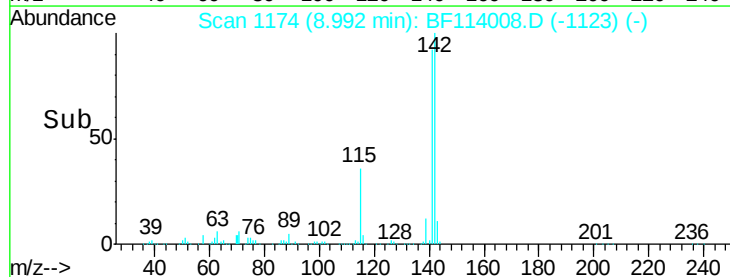
Abundance Ion 142.00 (141.70 to 142.70): E

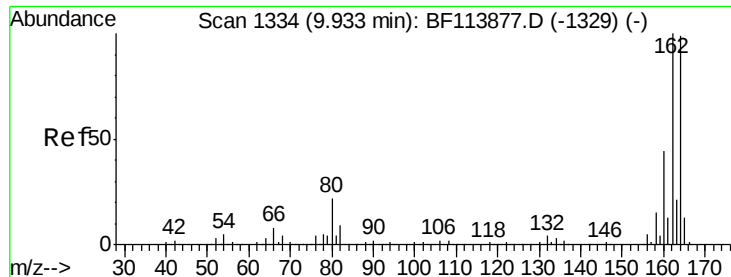
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.99

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

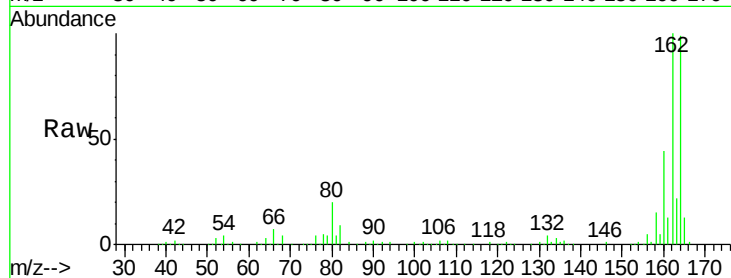
Tot Ion:164 Resp: 296262

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

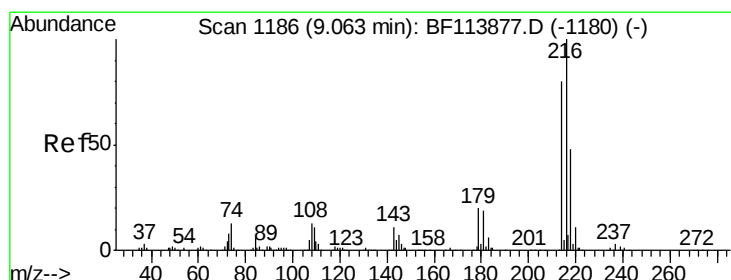
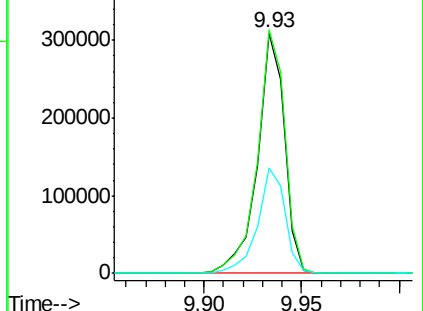
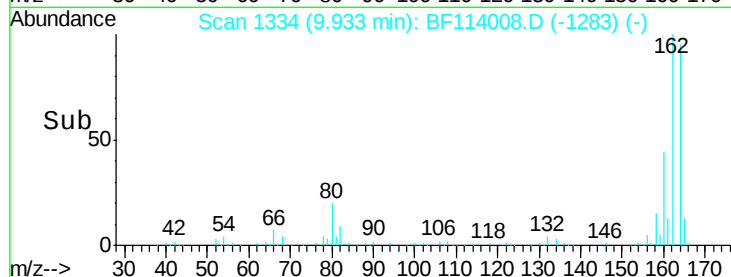
160 44.1 35.8 53.6



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: 38.977 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Tgt Ion:216 Resp: 375095

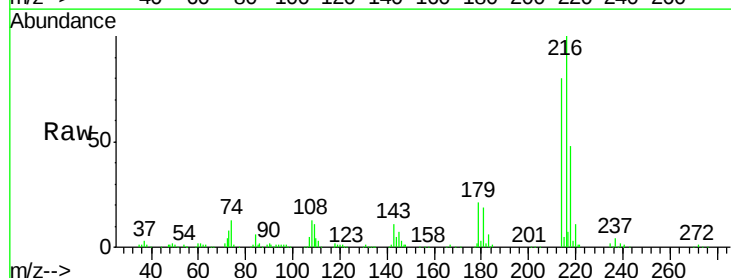
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 20.8 16.1 24.1

108 18.1 13.4 20.0

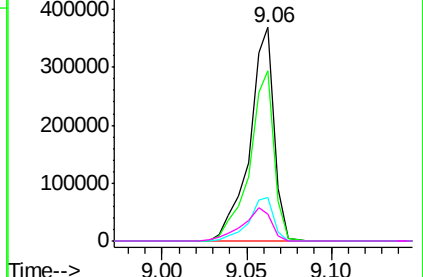
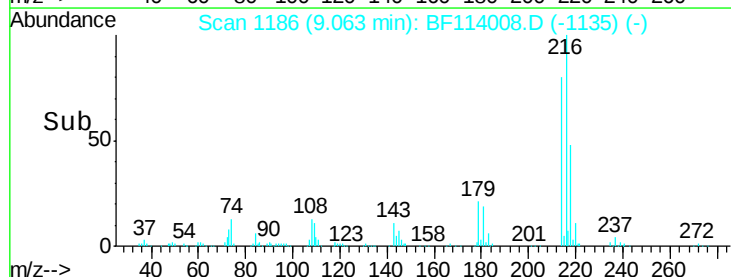


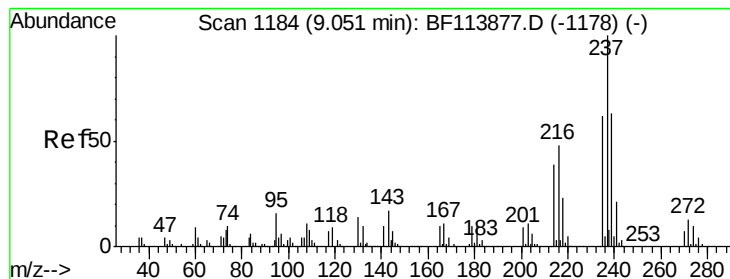
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.762 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

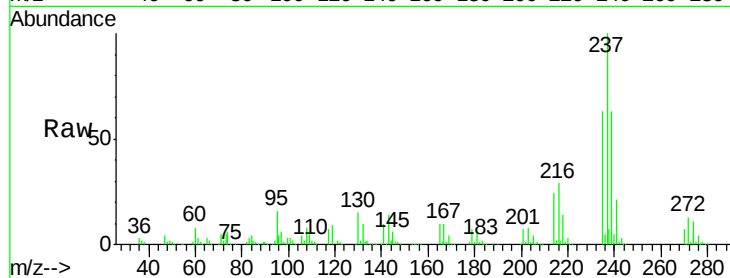
Tot Ion:237 Resp: 476341

Ion Ratio Lower Upper

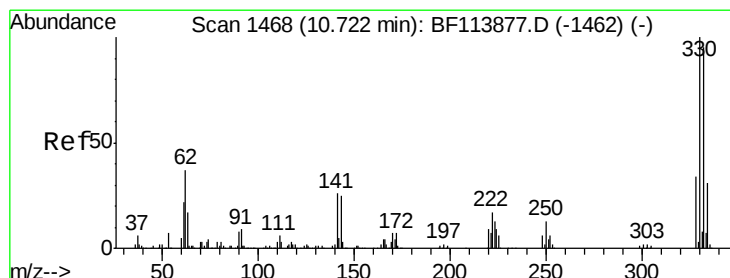
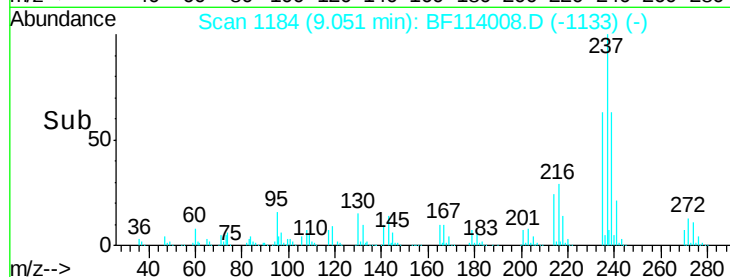
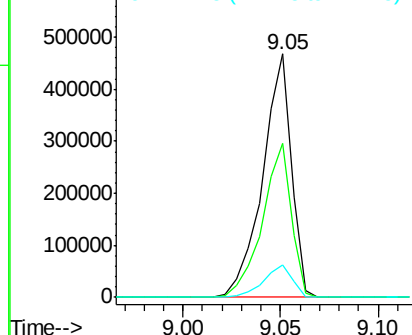
237 100

235 63.1 42.6 82.6

272 13.4 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: 130.743 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

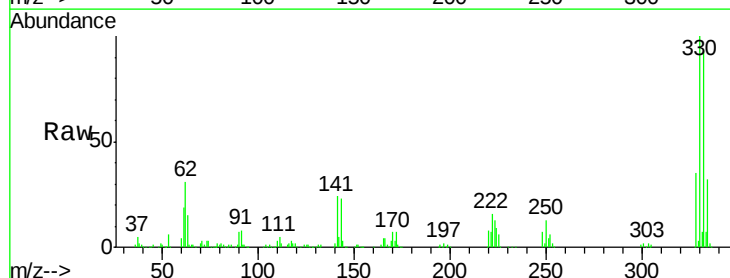
Tgt Ion:330 Resp: 471860

Ion Ratio Lower Upper

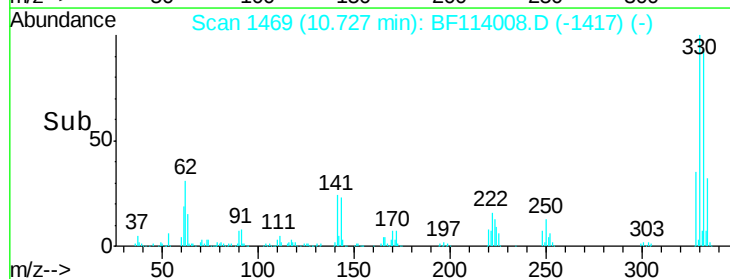
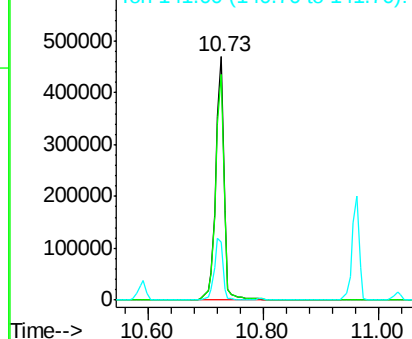
330 100

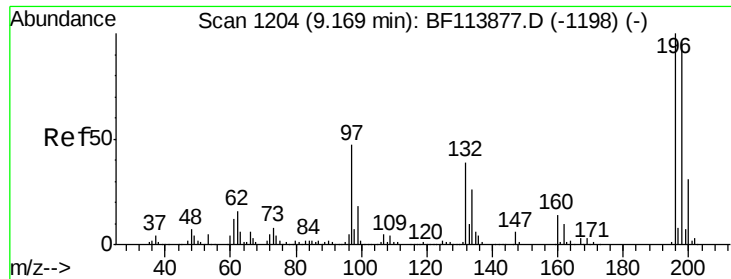
332 94.9 77.5 116.3

141 27.2 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

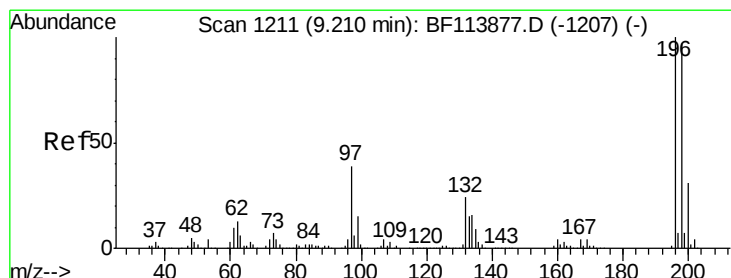
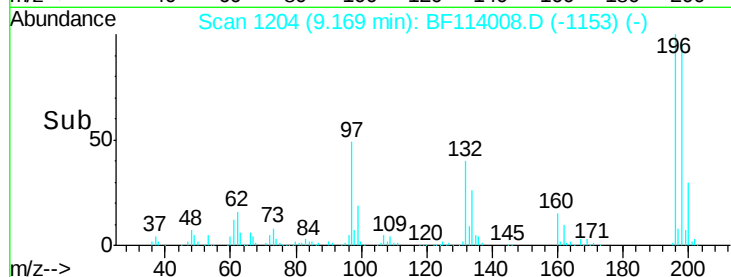
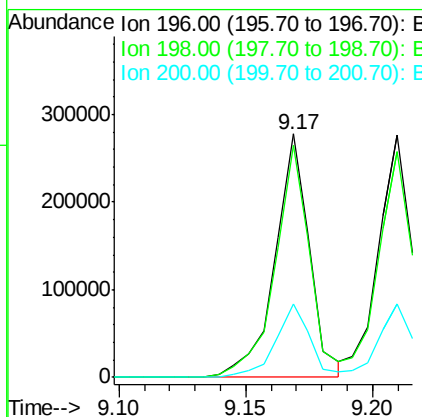
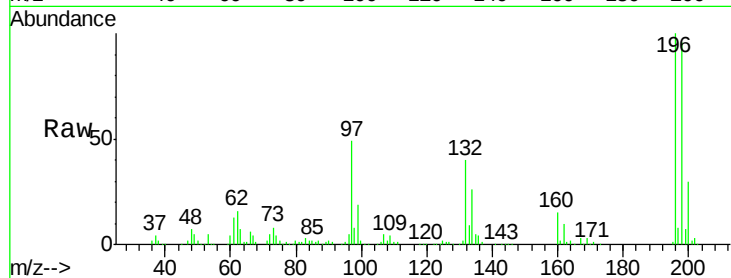




#43
 2,4,6-Trichlorophenol
 Concen: 43.318 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114008.D
 Acq: 26 Apr 2019 14:25

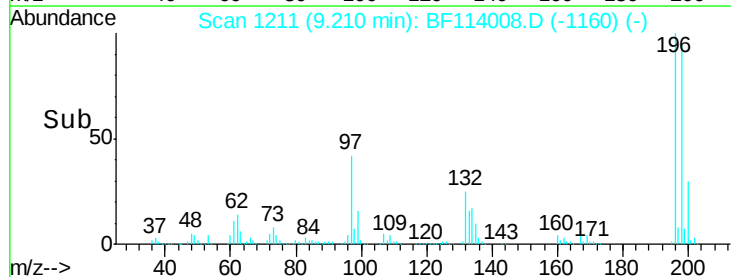
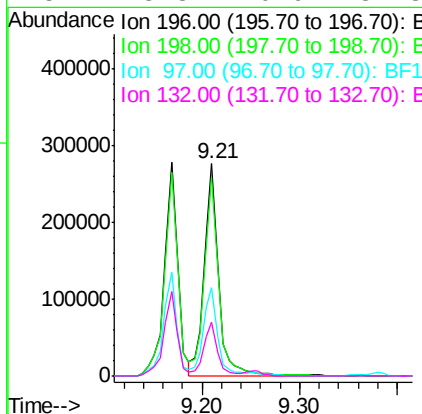
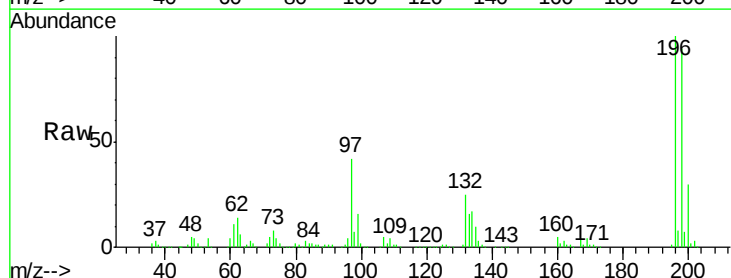
Instrument :
 BNA_F
 ClientSampleId :
 PB119206BS

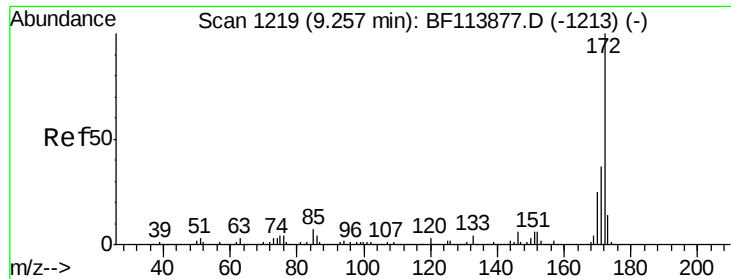
Tot Ion:196 Resp: 264711
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.6 113.4
 200 30.2 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 40.983 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114008.D
 Acq: 26 Apr 2019 14:25

Tgt Ion:196 Resp: 280908
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.2 114.4
 97 41.5 35.8 53.8
 132 25.3 20.9 31.3



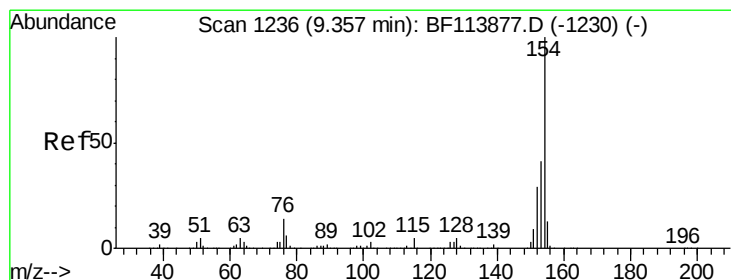
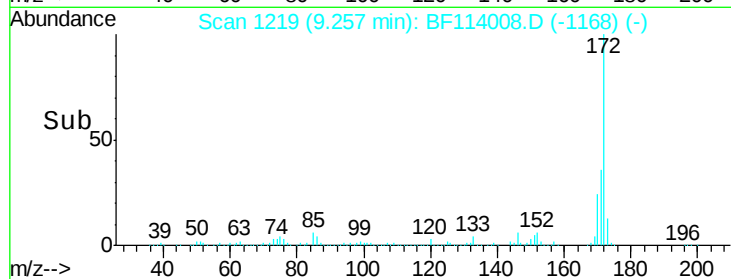
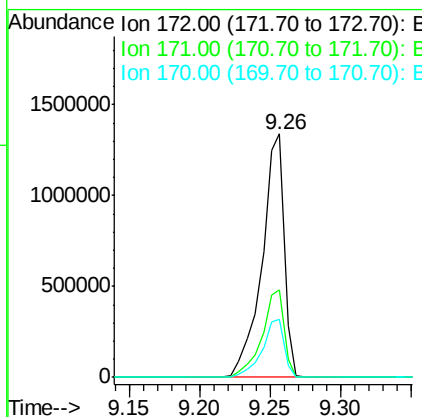
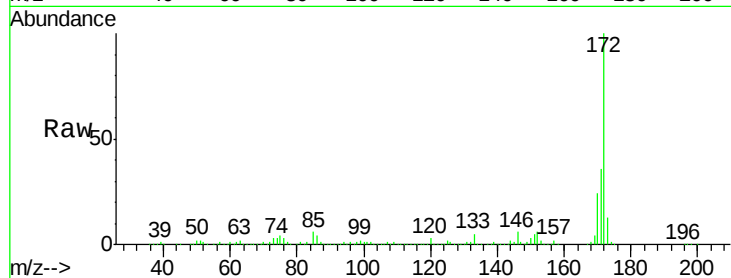


#45
 2-Fluorobiphenyl
 Concen: 78.850 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF114008.D
 Acq: 26 Apr 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB119206BS

Tot Ion:172 Resp: 1493602

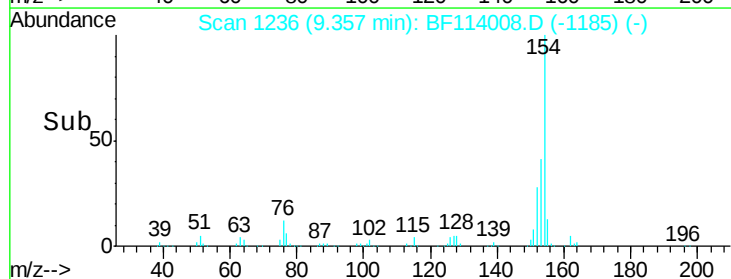
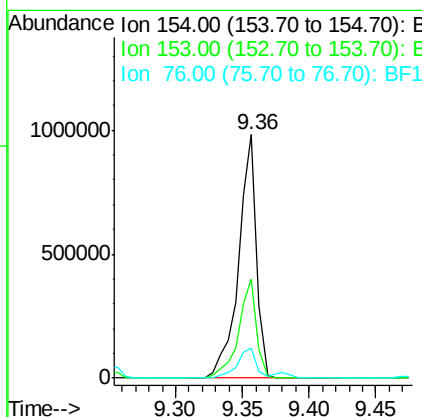
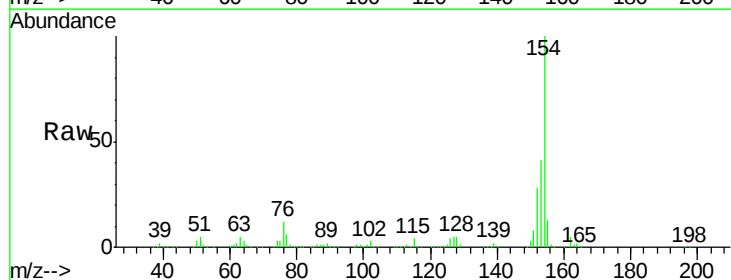
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.9	19.9	29.9

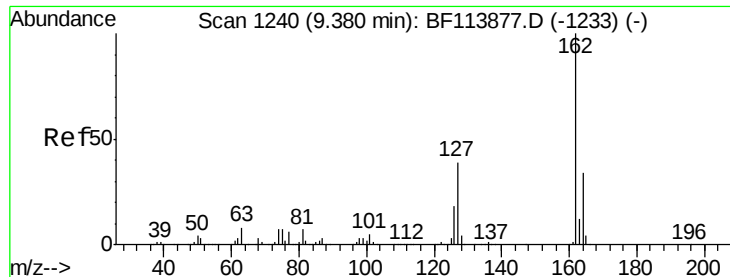


#46
 1,1'-Biphenyl
 Concen: 40.670 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF114008.D
 Acq: 26 Apr 2019 14:25

Tgt Ion:154 Resp: 920444

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	12.3	0.0	35.2

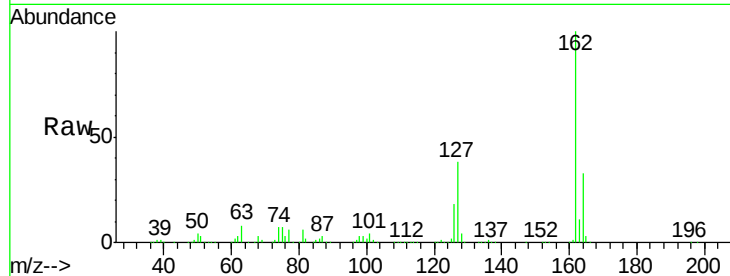




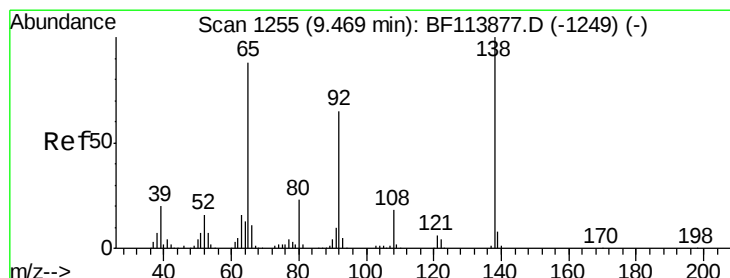
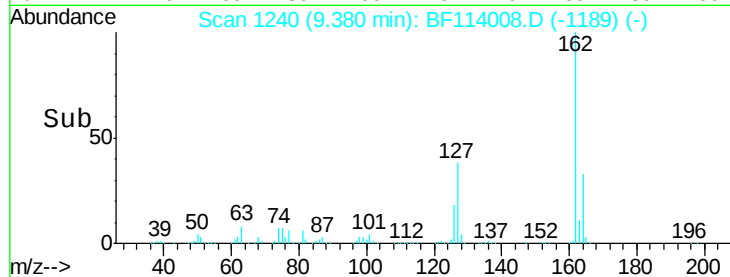
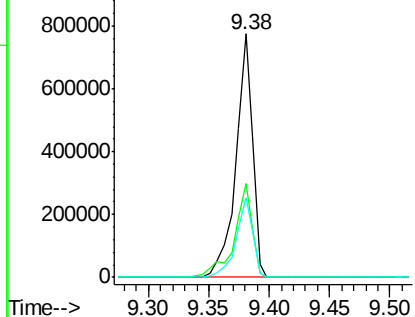
#47
 2-Chloronaphthalene
 Concen: 40.518 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF114008.D
 Acq: 26 Apr 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB119206BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	29.3	43.9
164	32.9	27.1	40.7

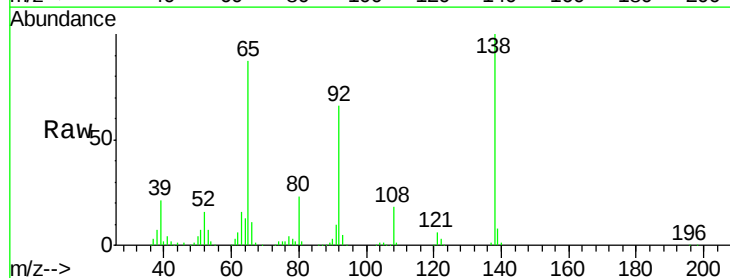


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

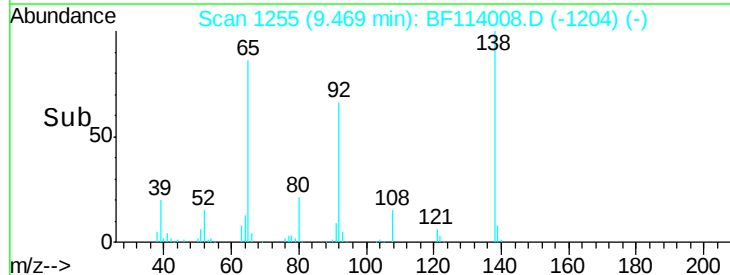
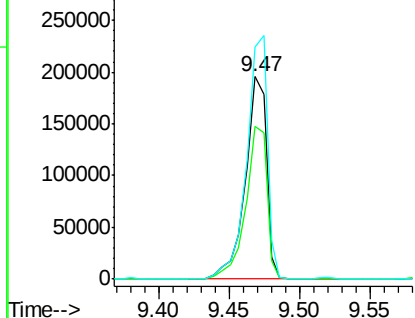


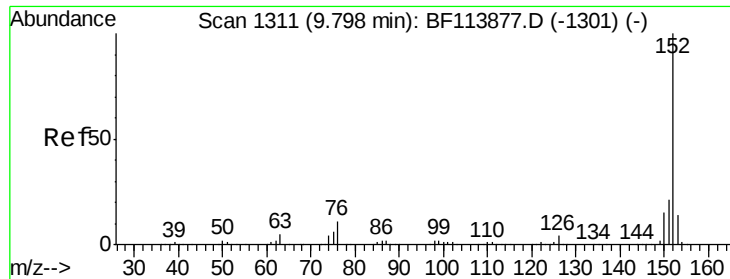
#48
 2-Nitroaniline
 Concen: 42.669 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF114008.D
 Acq: 26 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	57.4	86.0
138	114.9	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: 39.888 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

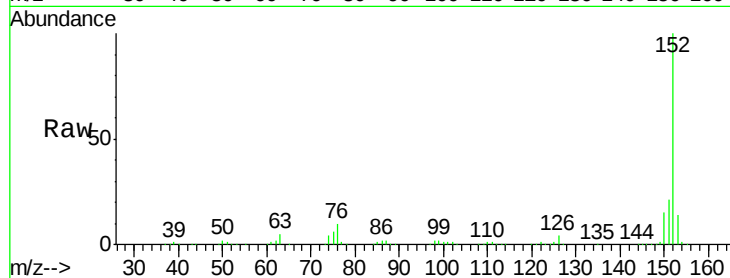
Tot Ion:152 Resp: 1149320

Ion Ratio Lower Upper

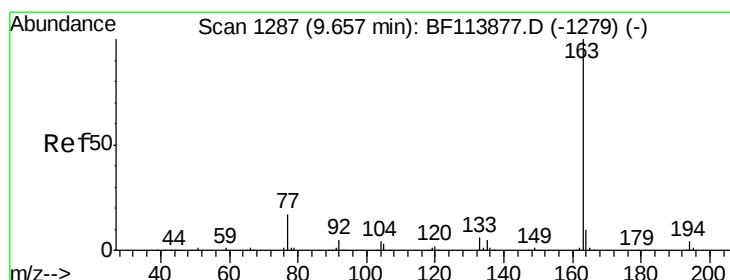
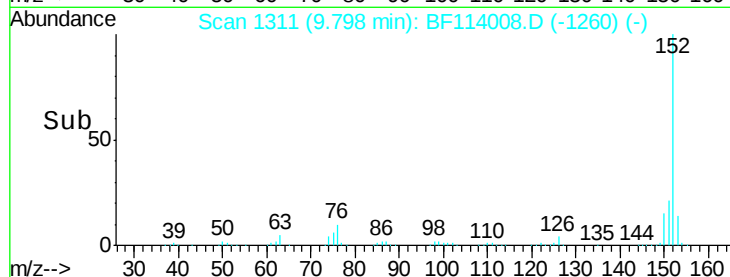
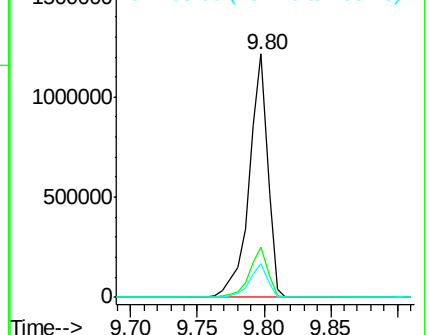
152 100

151 20.7 17.0 25.4

153 13.6 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: 40.662 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

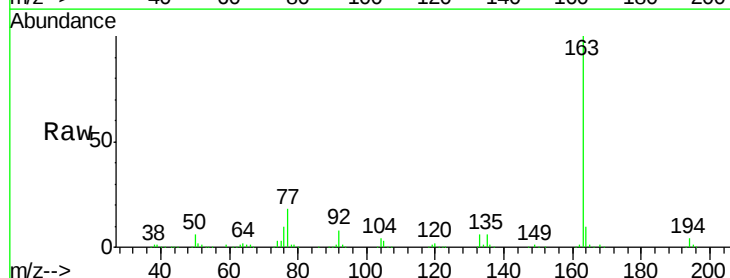
Tgt Ion:163 Resp: 871228

Ion Ratio Lower Upper

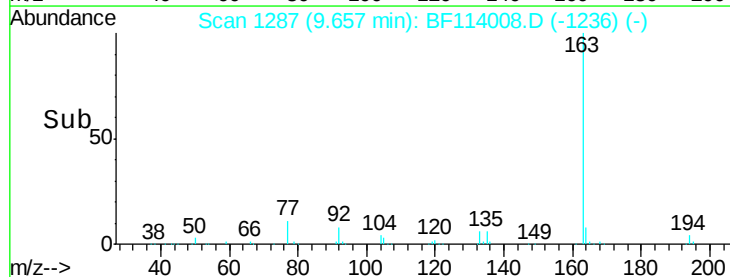
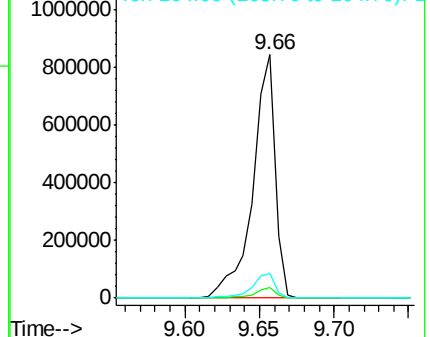
163 100

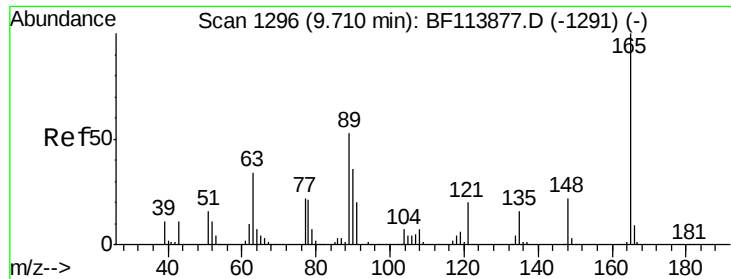
194 4.3 3.4 5.2

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

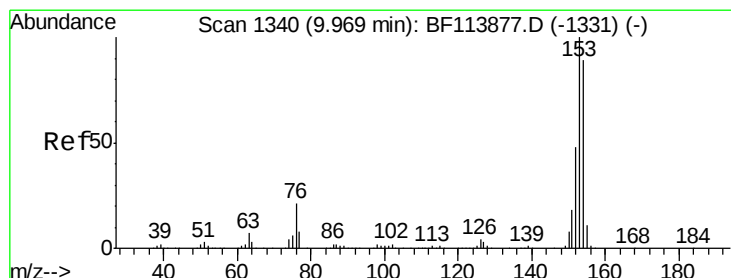
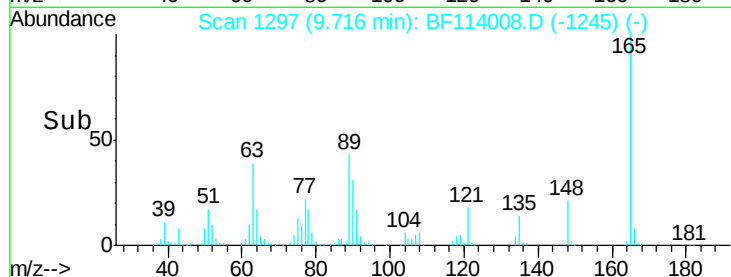
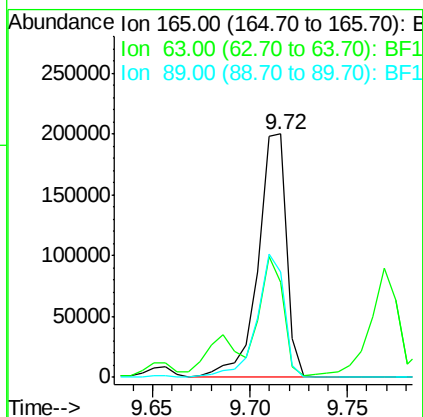
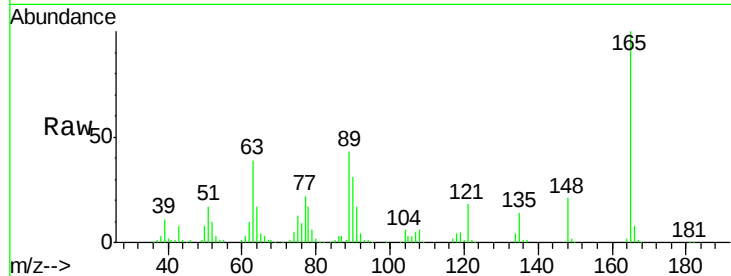




#51
 2,6-Dinitrotoluene
 Concen: 43.957 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF114008.D
 Acq: 26 Apr 2019 14:25

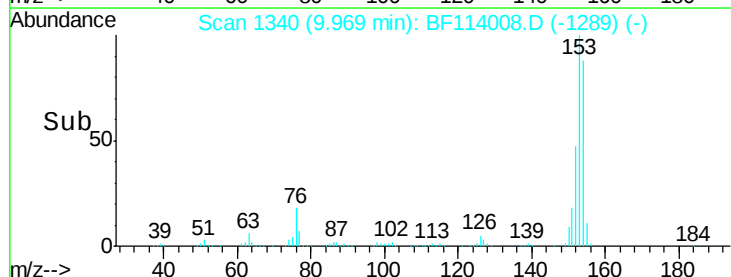
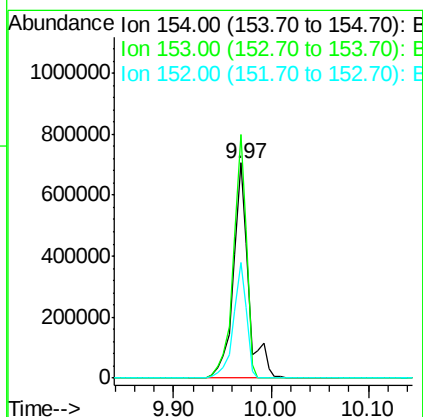
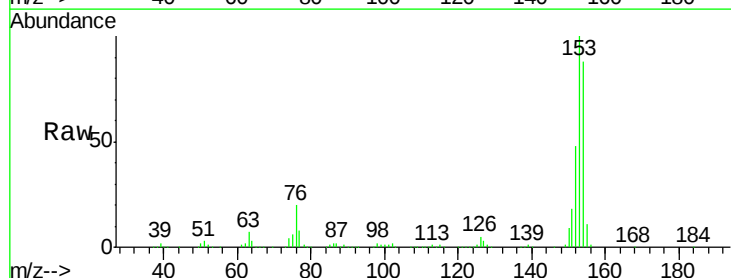
Instrument :
 BNA_F
 ClientSampleId :
 PB119206BS

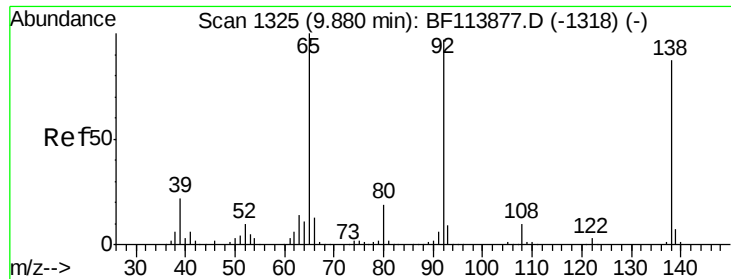
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.0	33.8	50.8
89	43.4	38.2	57.2



#52
 Acenaphthene
 Concen: 44.669 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF114008.D
 Acq: 26 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	87.2	130.8
152	53.8	42.3	63.5

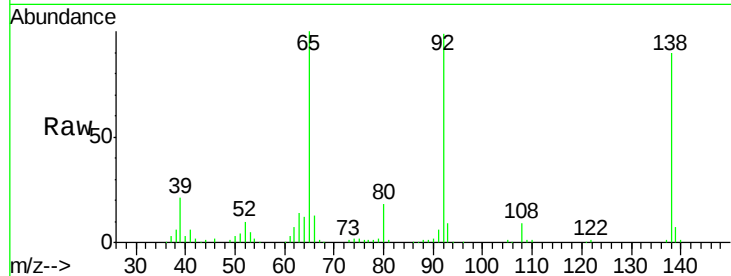




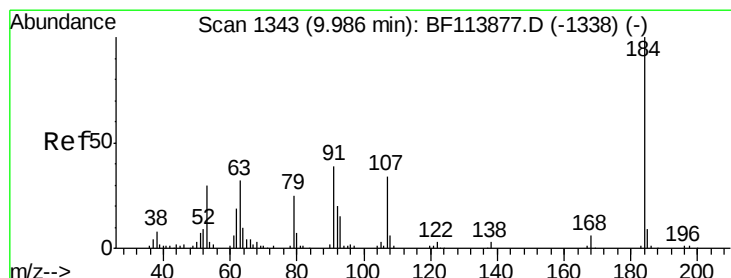
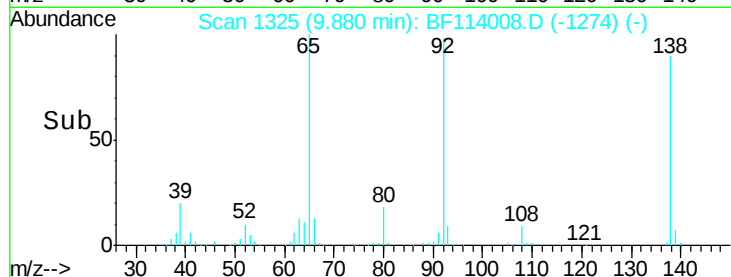
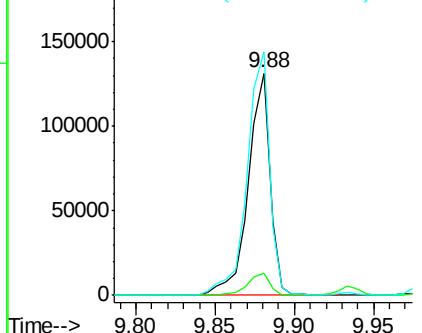
#53
3-Nitroaniline
Concen: 26.040 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Instrument :
BNA_F
ClientSampleId :
PB119206BS

Tot Ion:138 Resp: 125784
Ion Ratio Lower Upper
138 100
108 9.8 9.4 14.2
92 109.8 94.1 141.1

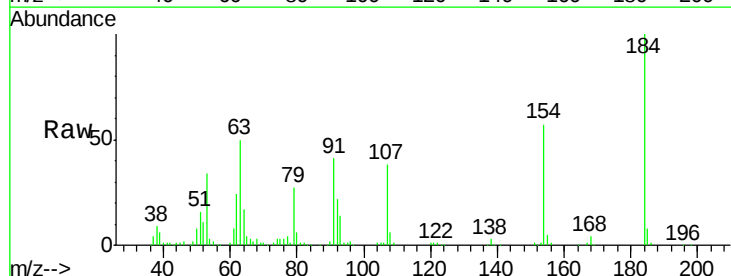


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

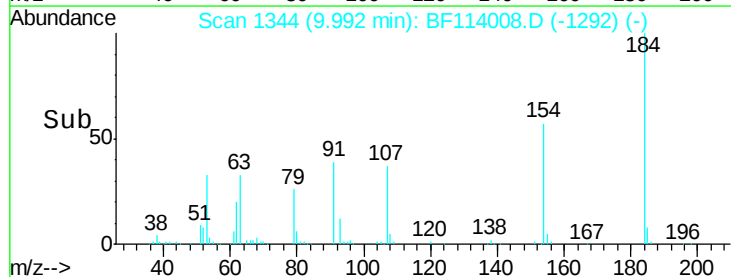
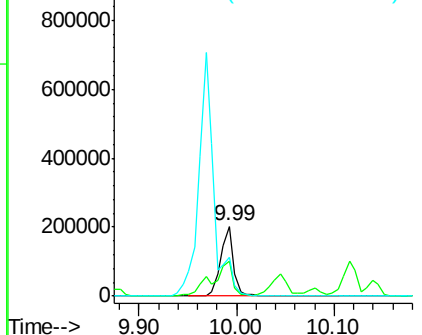


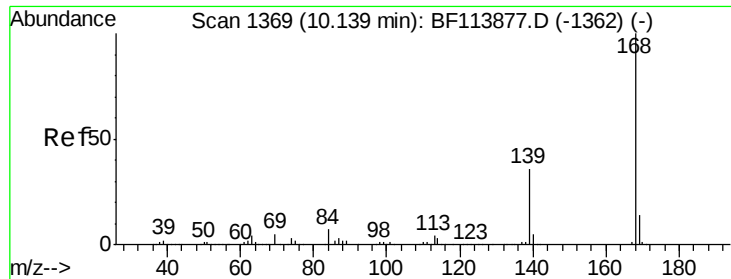
#54
2,4-Dinitrophenol
Concen: 92.400 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Tgt Ion:184 Resp: 186625
Ion Ratio Lower Upper
184 100
63 50.2 54.6 81.8#
154 56.5 218.6 328.0#



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: 40.925 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

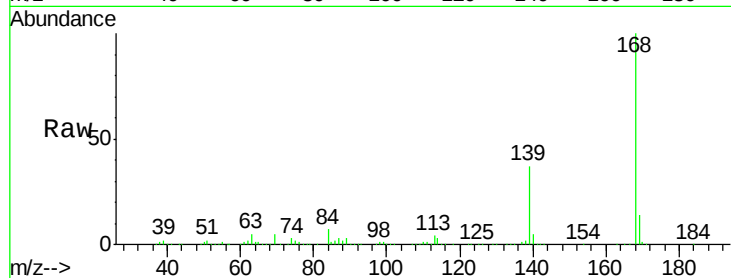
Tot Ion:168 Resp: 1043868

Ion Ratio Lower Upper

168 100

139 36.9 27.8 41.6

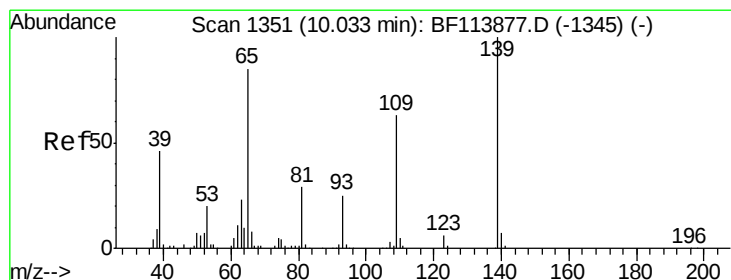
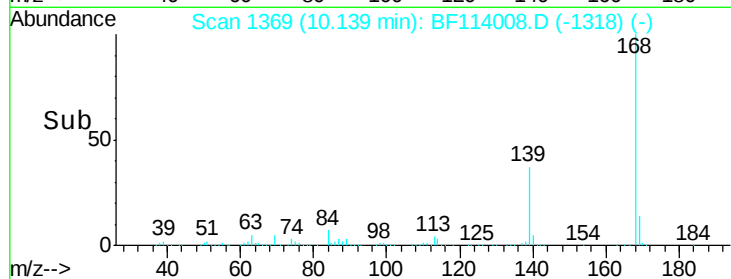
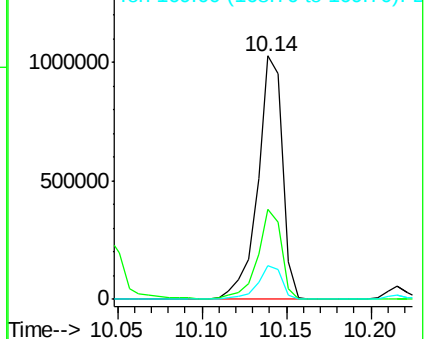
169 13.9 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.088 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

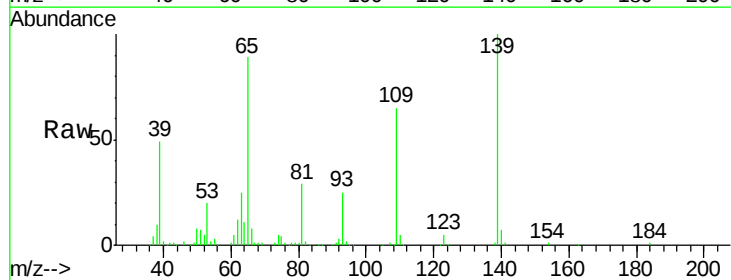
Tgt Ion:139 Resp: 313946

Ion Ratio Lower Upper

139 100

109 65.0 42.9 82.9

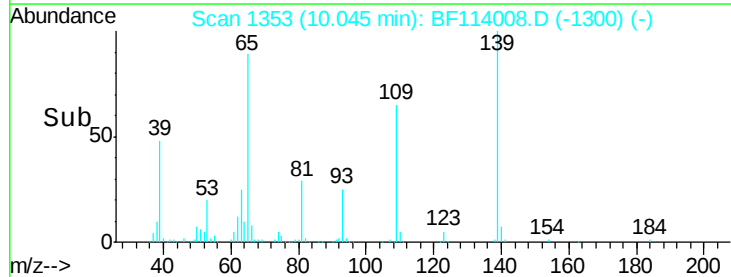
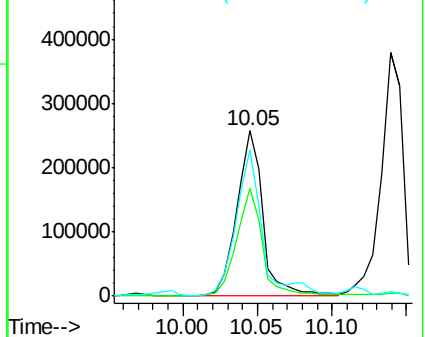
65 88.6 64.4 104.4

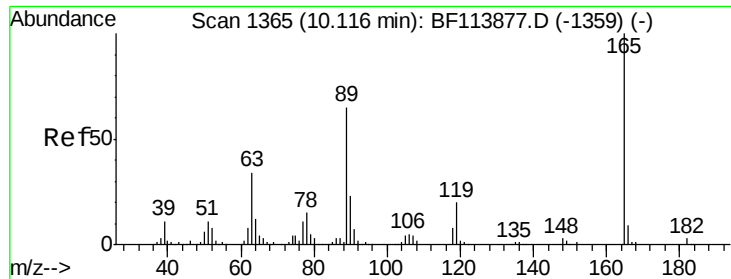


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

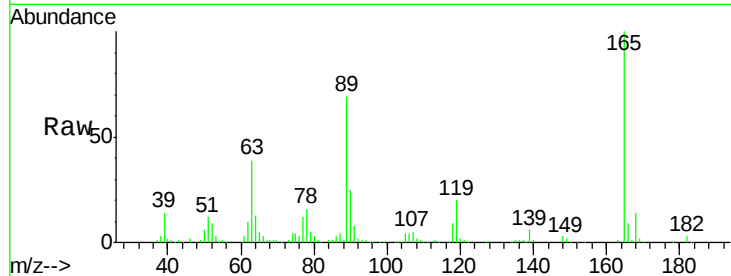




#57
2,4-Dinitrotoluene
Concen: 46.854 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Instrument :
BNA_F
ClientSampleId :
PB119206BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.9	27.4	41.0
89	68.9	51.8	77.6
182	2.6	2.2	3.2

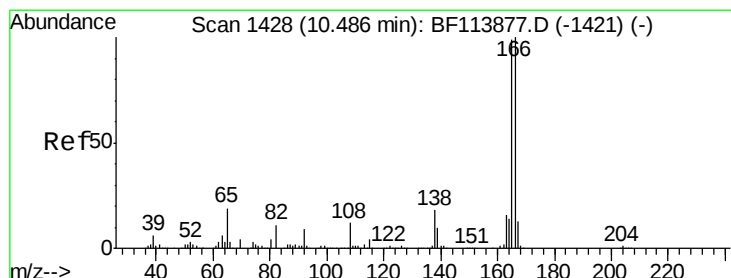
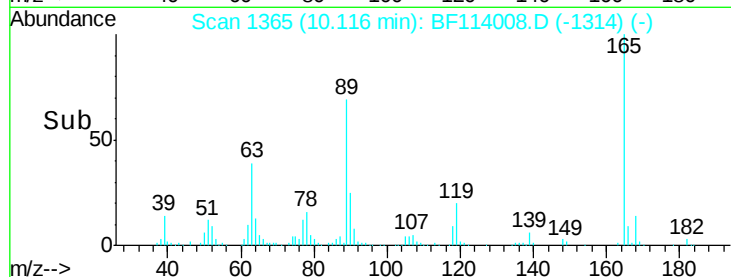
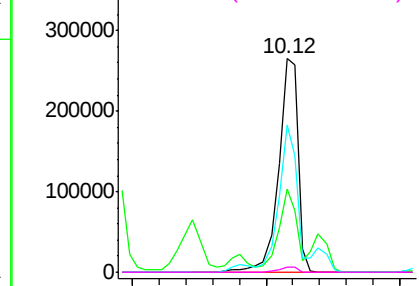


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

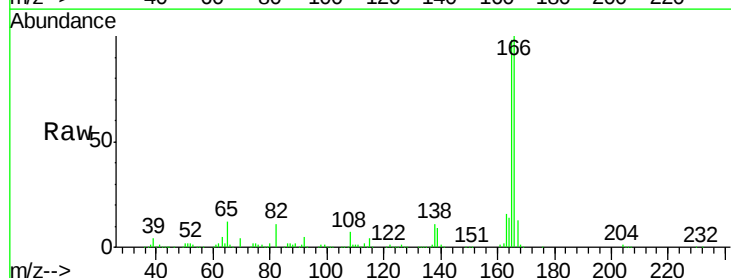
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.159 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

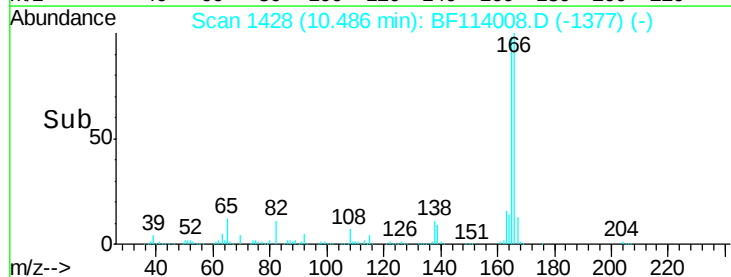
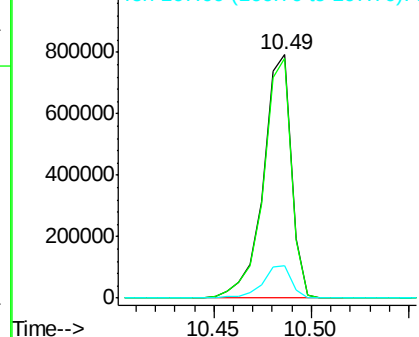
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	13.3	10.9	16.3

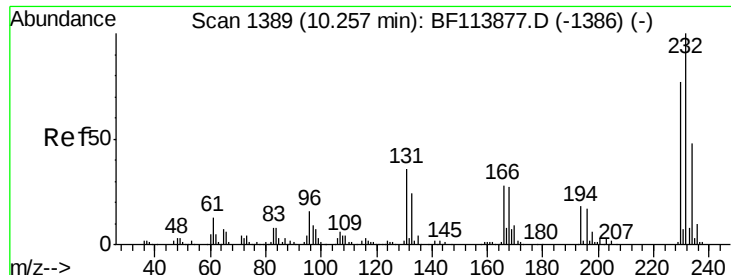


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

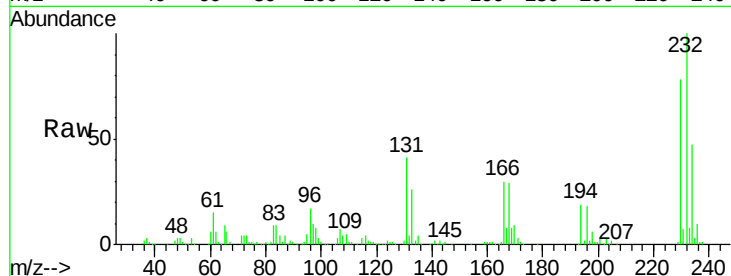




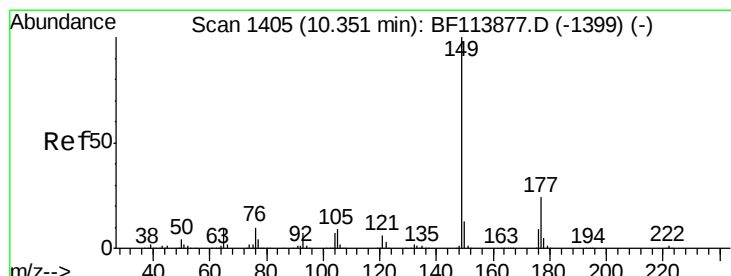
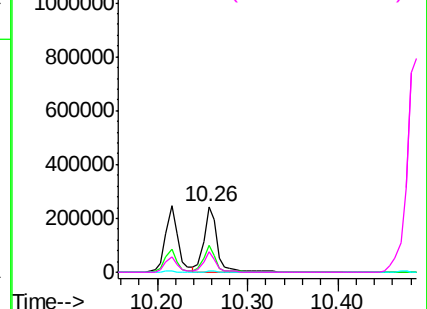
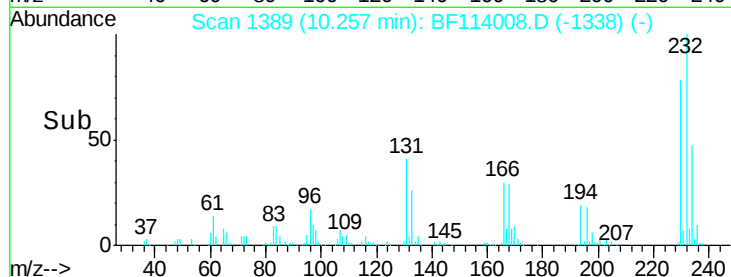
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.928 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF114008.D
 Acq: 26 Apr 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB119206BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.8	30.2	45.2
130	1.7	1.5	2.3
166	27.6	22.2	33.4

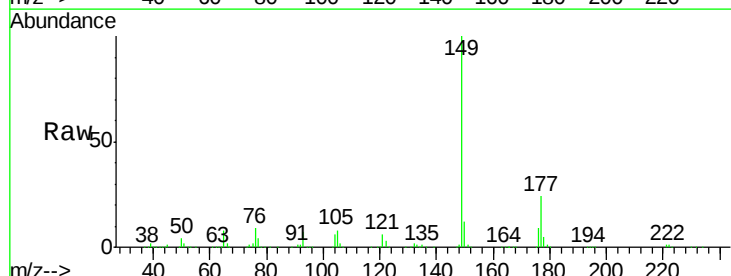


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

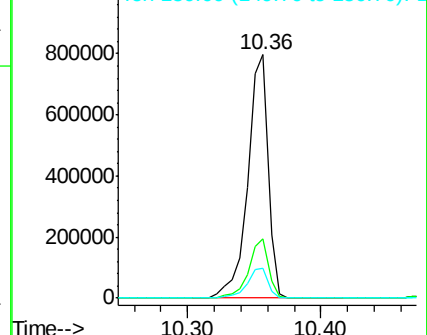
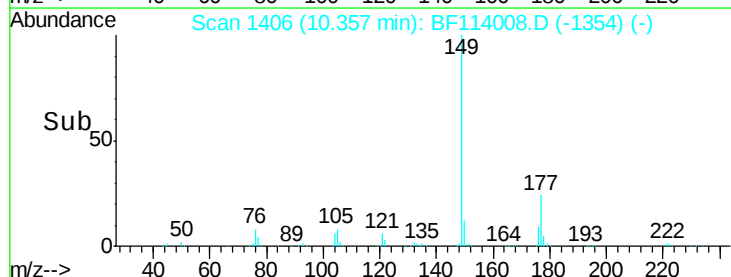


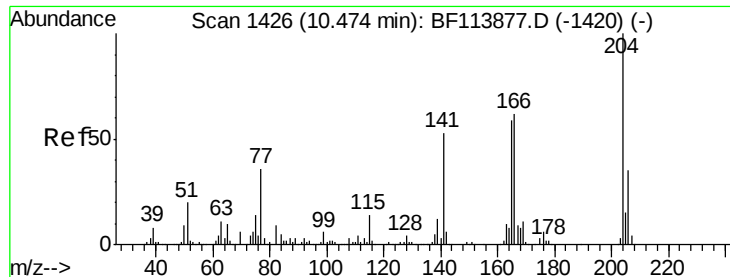
#60
 Diethylphthalate
 Concen: 40.982 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF114008.D
 Acq: 26 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.2	28.8
150	12.3	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

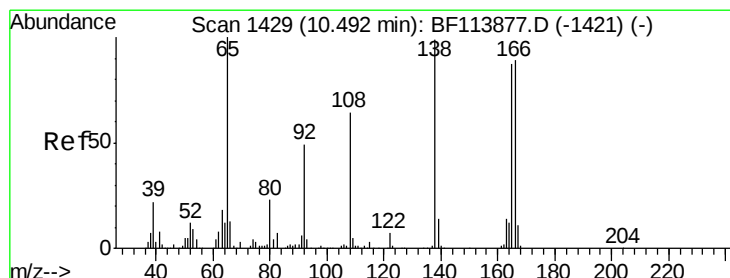
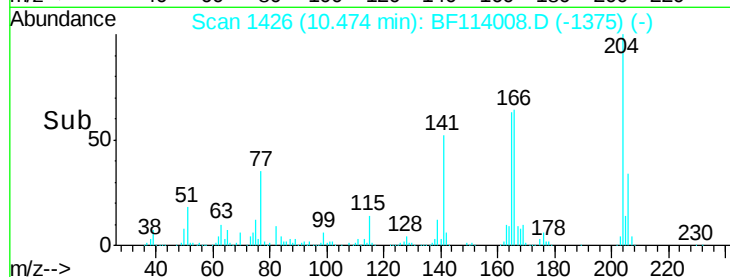
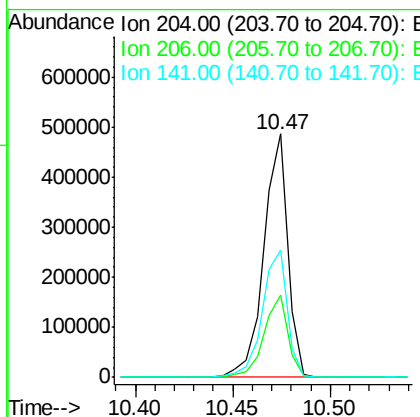
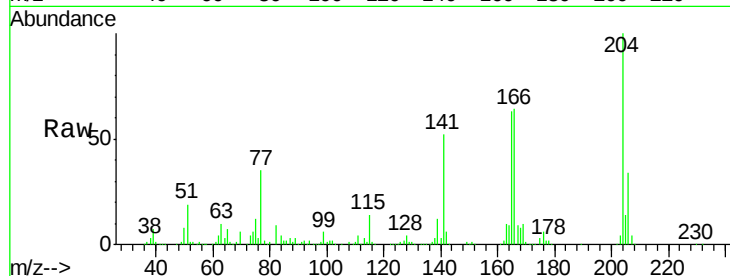




#61
4-Chlorophenyl-phenylether
Concen: 40.749 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

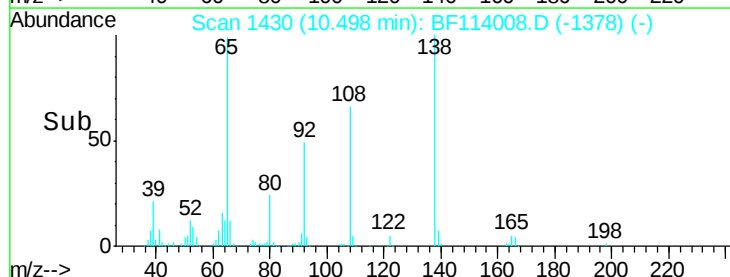
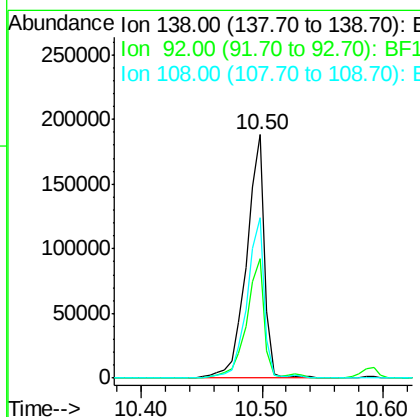
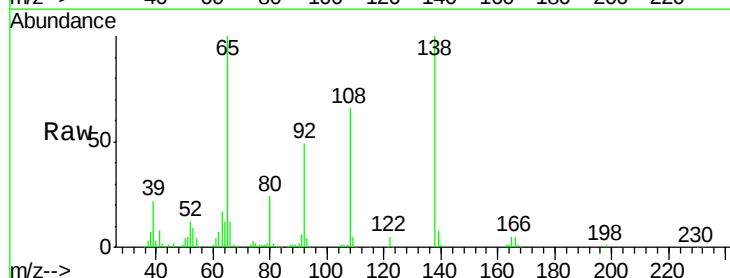
Instrument :
BNA_F
ClientSampleId :
PB119206BS

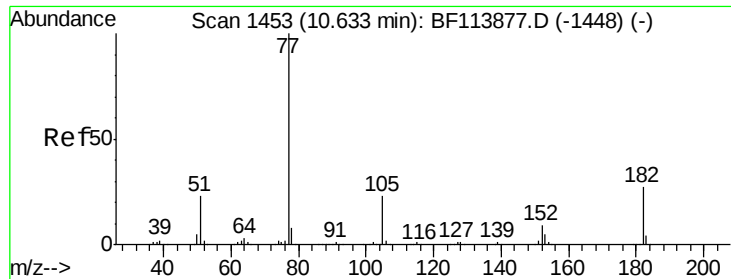
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.4	41.2
141	52.2	42.6	63.8



#62
4-Nitroaniline
Concen: 41.604 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	31.3	71.3
108	66.0	48.9	88.9





#63

Azobenzene

Concen: 40.142 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

Tot Ion: 77 Resp: 791594

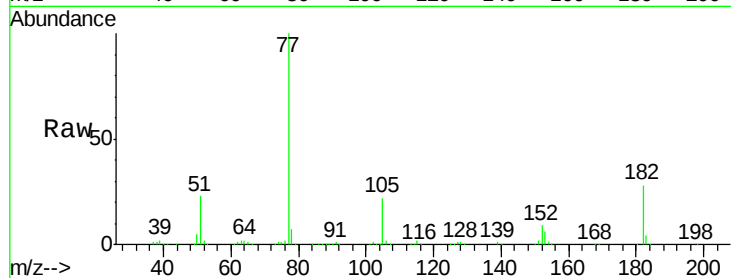
Ion Ratio Lower Upper

77 100

182 27.8 4.4 44.4

105 22.3 2.2 42.2

51 22.9 3.9 43.9

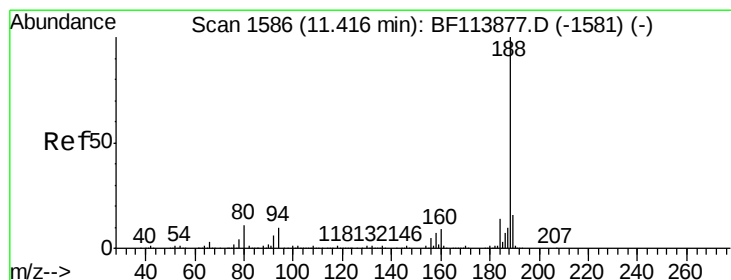
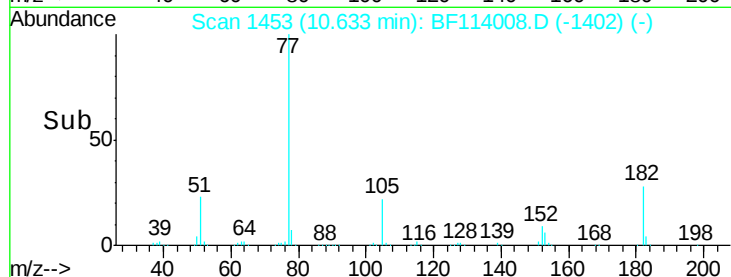
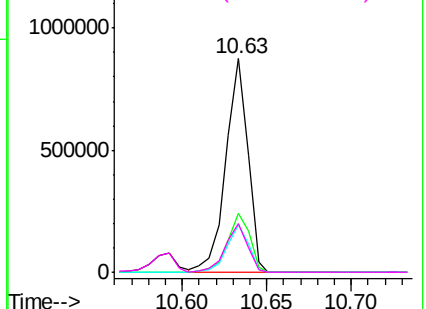


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

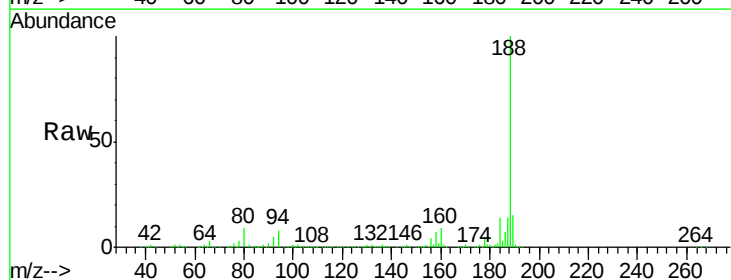
Tgt Ion: 188 Resp: 599171

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.4

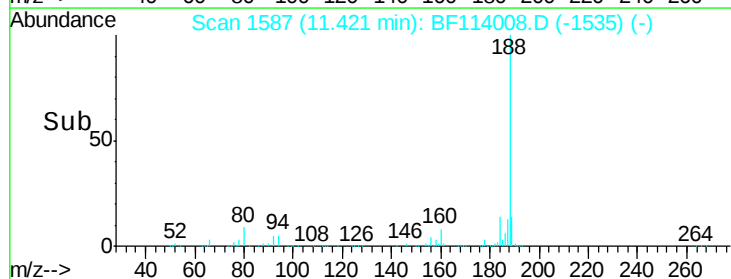
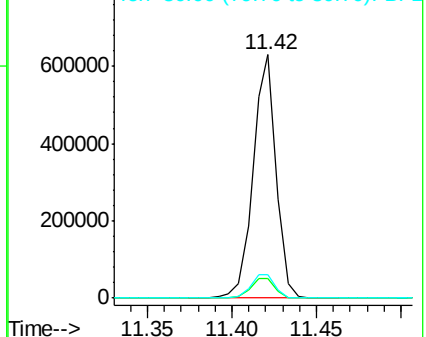
80 9.4 9.0 13.6

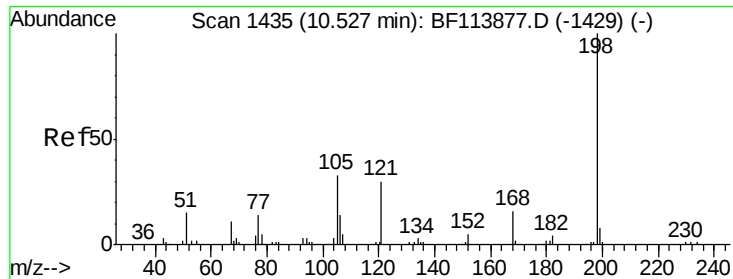


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.902 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

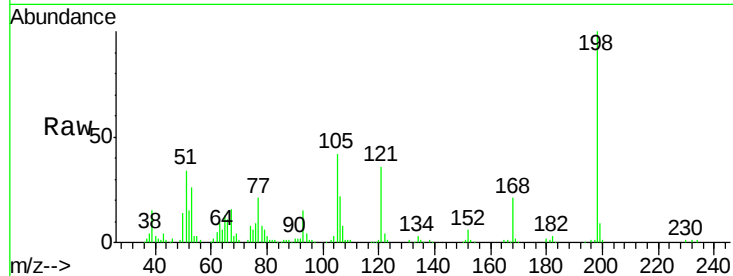
BNA_F

ClientSampleId :

PB119206BS

Tot Ion:198 Resp: 118547

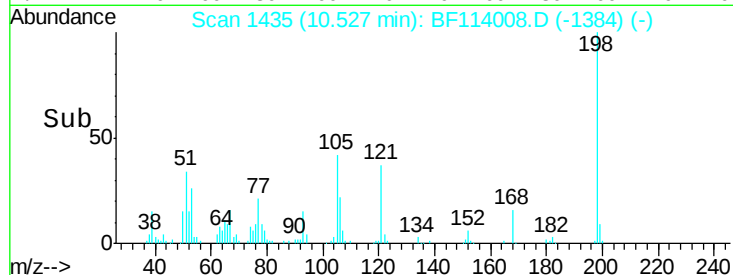
Ion	Ratio	Lower	Upper
198	100		
51	33.8	11.1	51.1
105	41.5	20.7	60.7



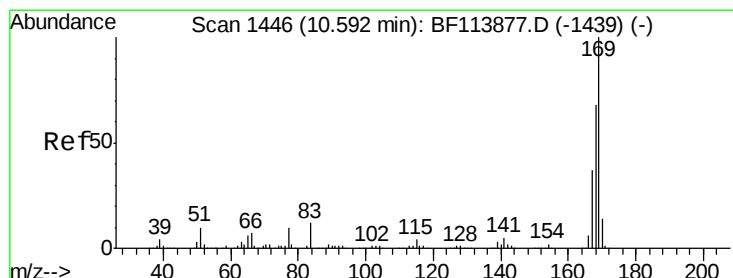
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.269 ng

RT: 10.59 min Scan# 1446

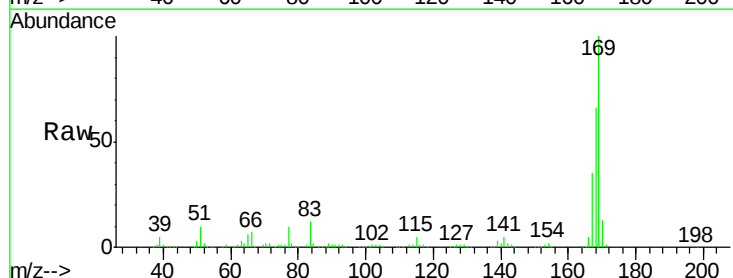
Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Tgt Ion:169 Resp: 723961

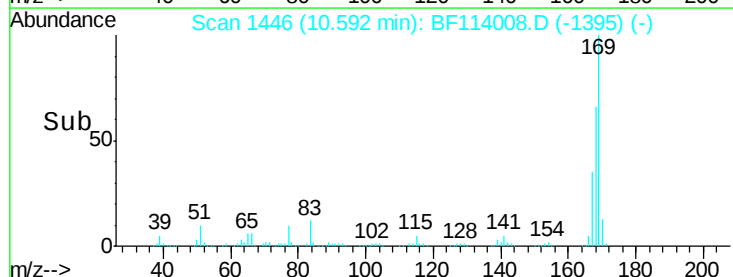
Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.3	81.5
167	35.3	29.4	44.0



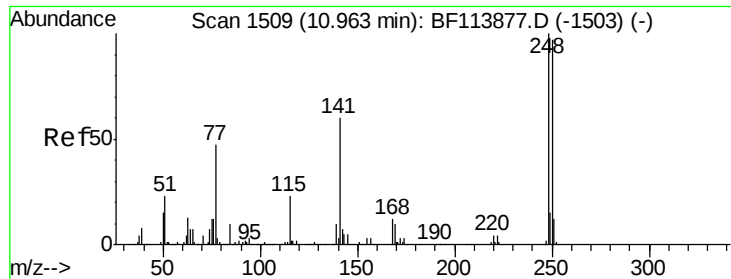
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



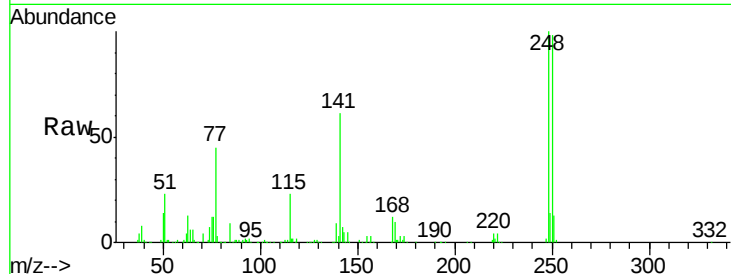
Time-->



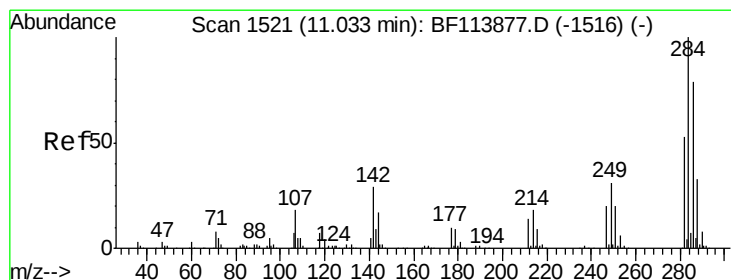
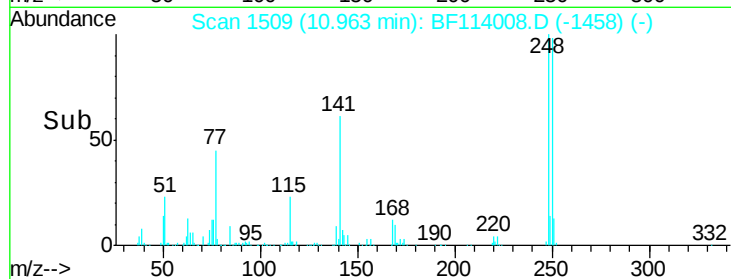
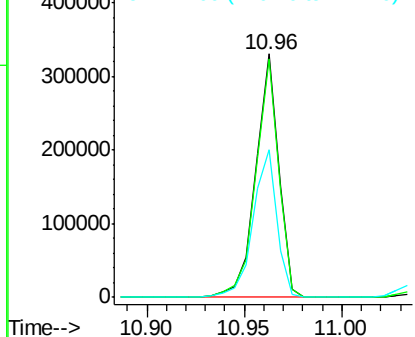
#67
4-Bromophenyl-phenylether
Concen: 37.404 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Instrument :
BNA_F
ClientSampleId :
PB119206BS

Tot Ion:248 Resp: 270738
Ion Ratio Lower Upper
248 100
250 97.9 75.8 113.6
141 60.7 50.2 75.4

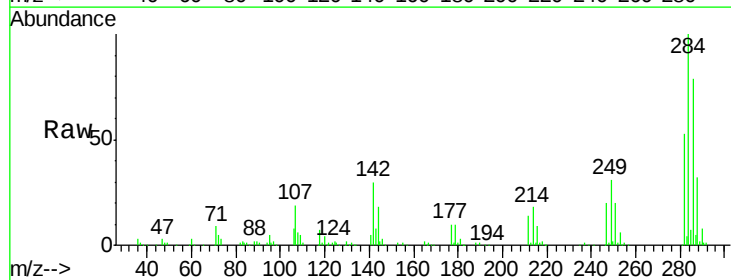


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

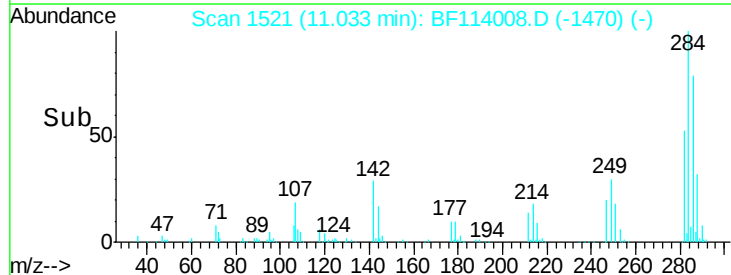
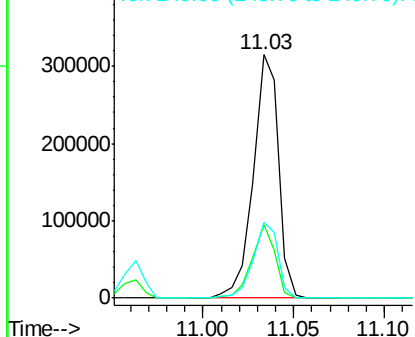


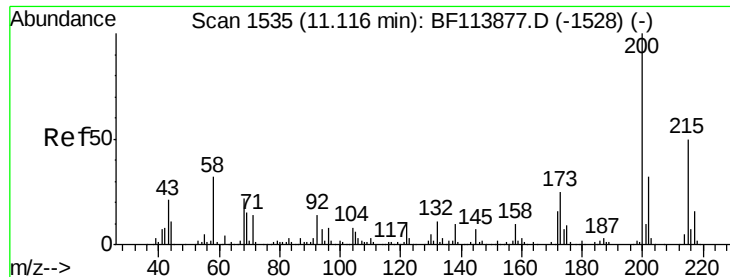
#68
Hexachlorobenzene
Concen: 38.254 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Tgt Ion:284 Resp: 304276
Ion Ratio Lower Upper
284 100
142 30.1 23.0 34.4
249 31.2 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.960 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

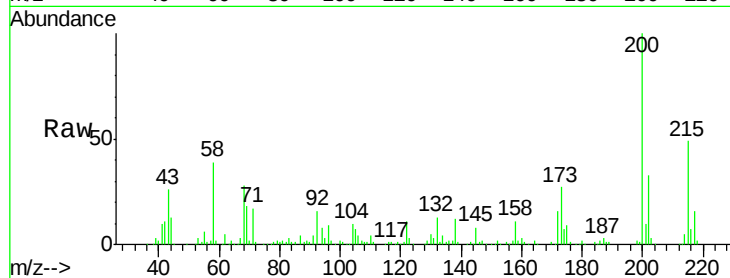
Tot Ion:200 Resp: 245400

Ion Ratio Lower Upper

200 100

173 27.4 5.9 45.9

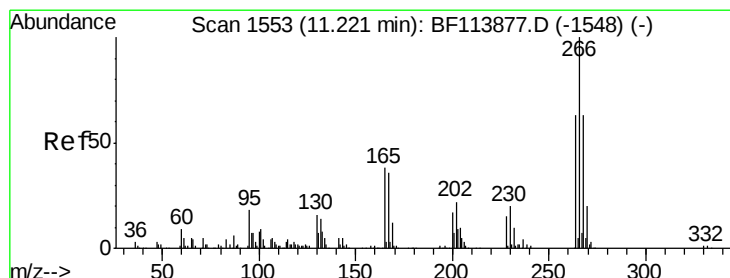
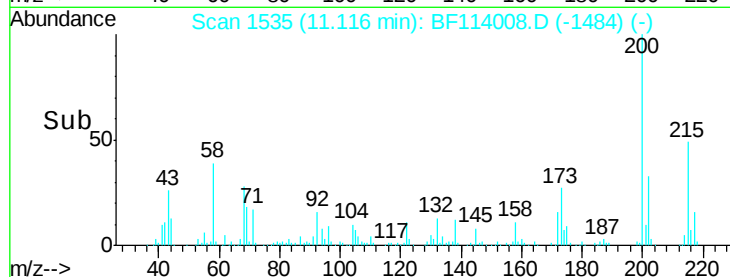
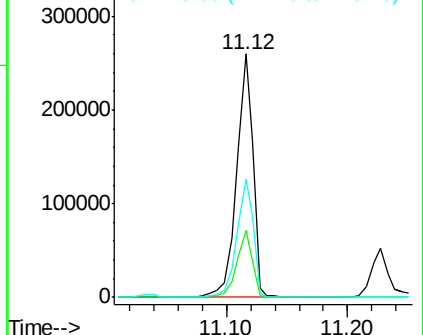
215 48.7 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.799 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

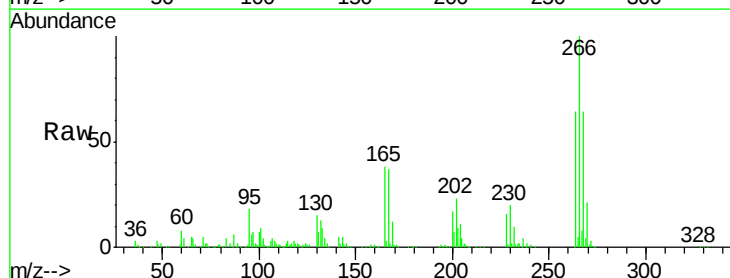
Tgt Ion:266 Resp: 341362

Ion Ratio Lower Upper

266 100

268 64.1 53.5 80.3

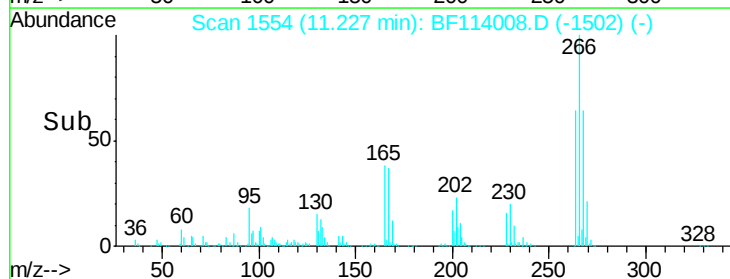
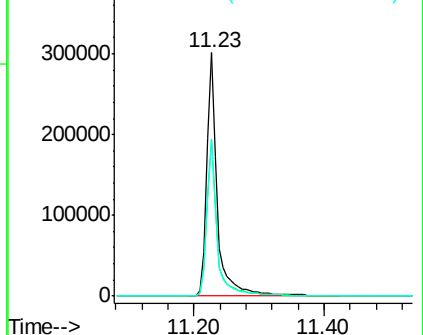
264 64.3 51.0 76.6

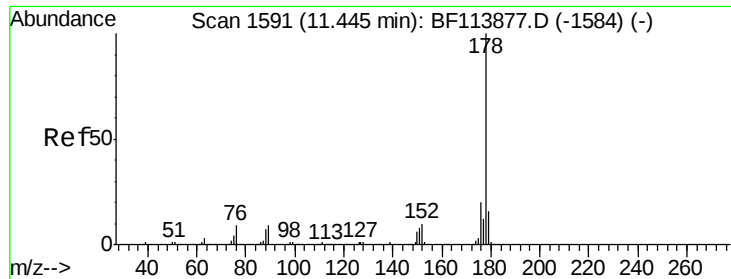


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.038 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

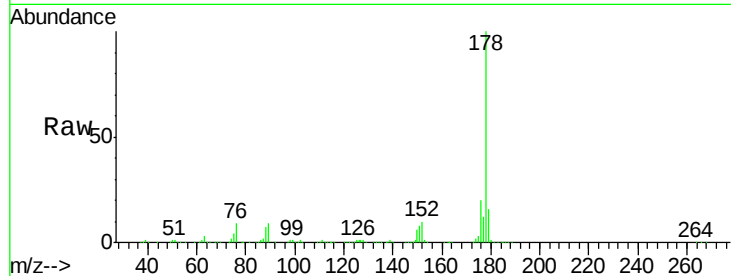
Tot Ion:178 Resp: 1205612

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

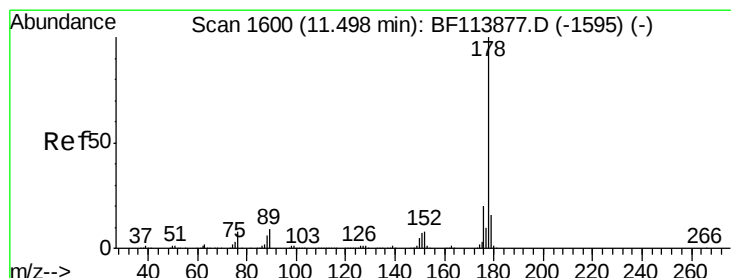
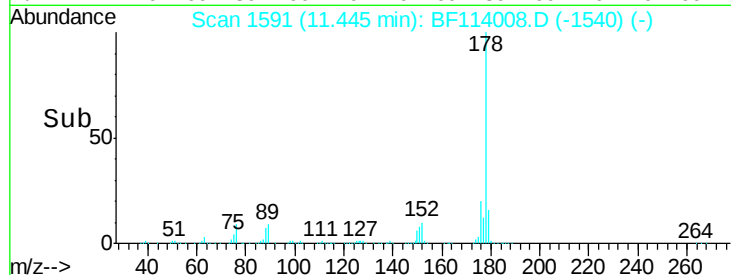
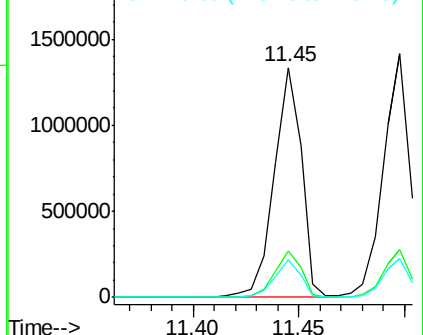
179 16.4 12.8 19.2



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: 40.677 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

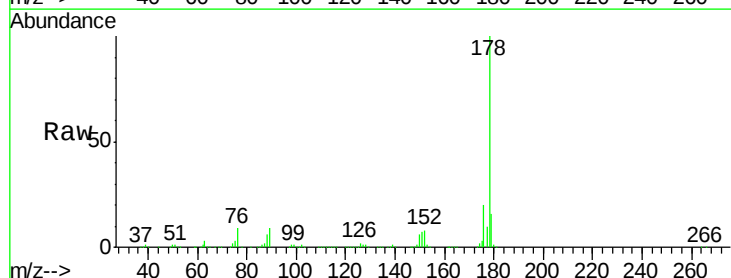
Tgt Ion:178 Resp: 1236888

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

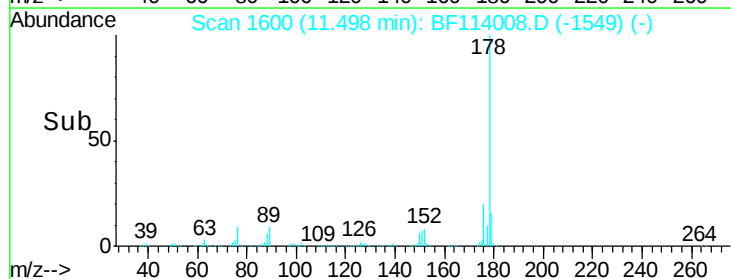
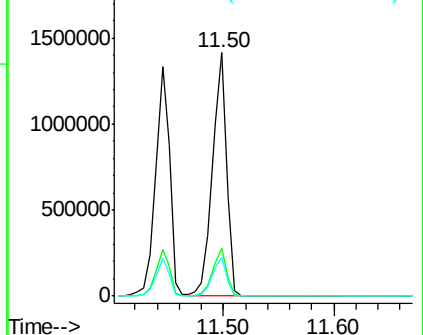
179 16.0 13.0 19.4

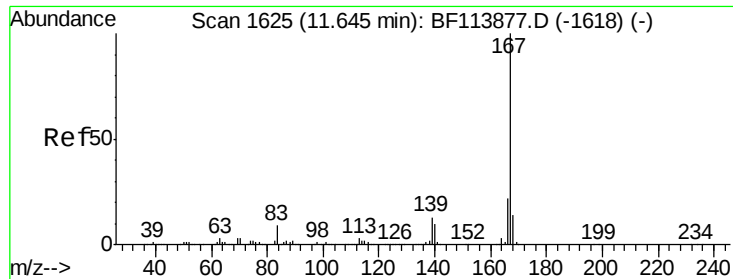


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.751 ng

RT: 11.64 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

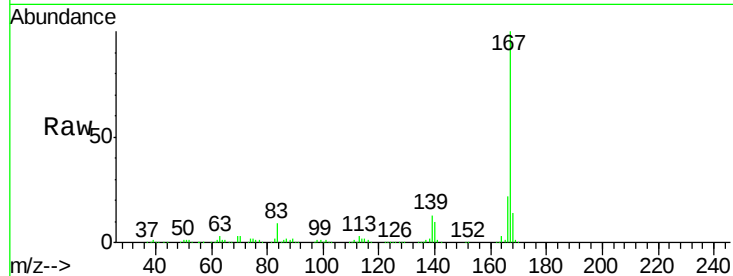
BNA_F

ClientSampleId :

PB119206BS

Tot Ion:167 Resp: 1105515

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	13.0	10.0	15.0

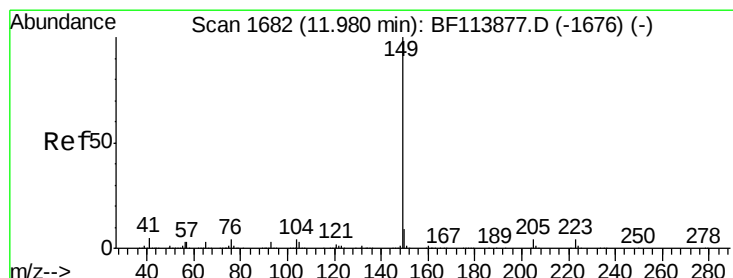
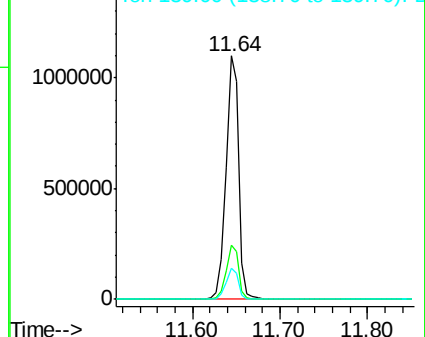
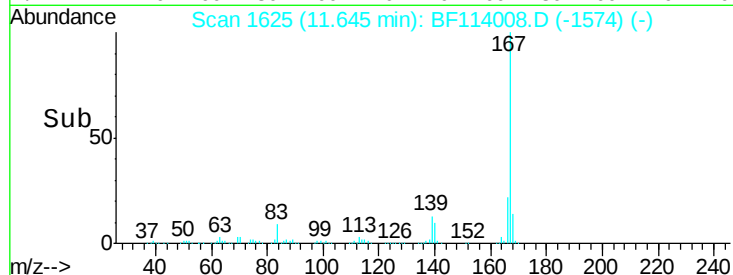


Abundance

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: 39.870 ng

RT: 11.97 min Scan# 1681

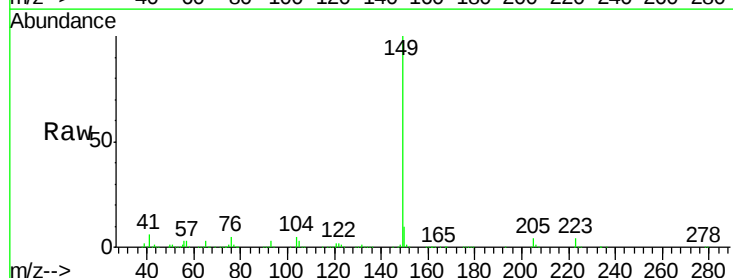
Delta R.T. -0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Tgt Ion:149 Resp: 1272315

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.9	3.8	5.8

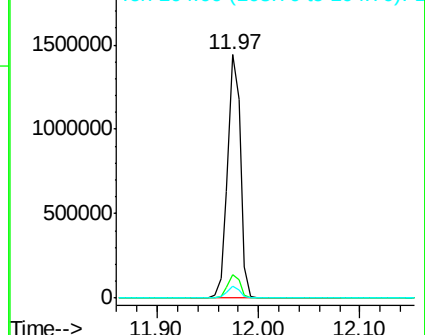
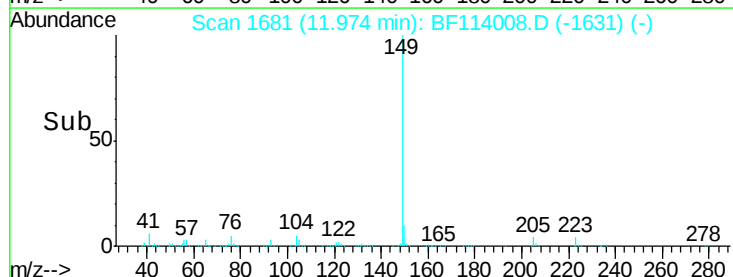


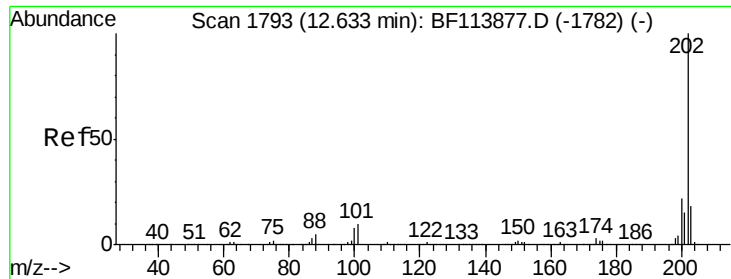
Abundance

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

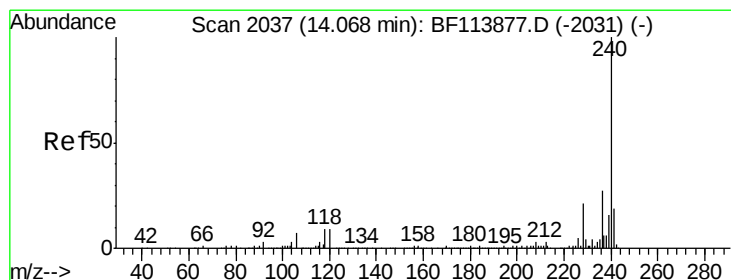
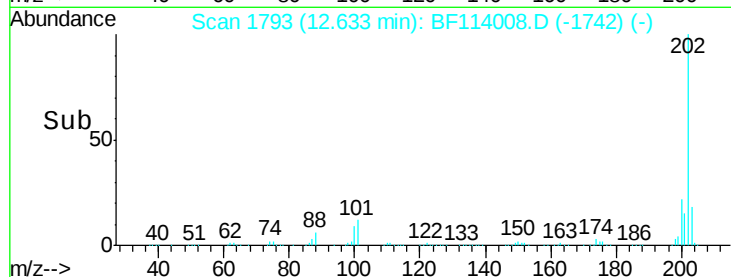
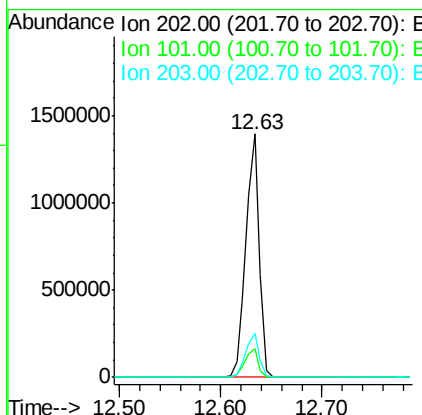
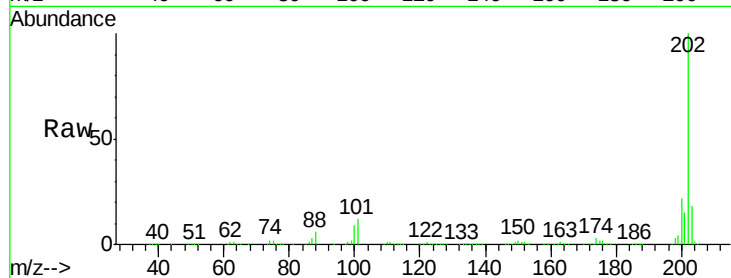




#75
Fluoranthene
Concen: 39.154 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

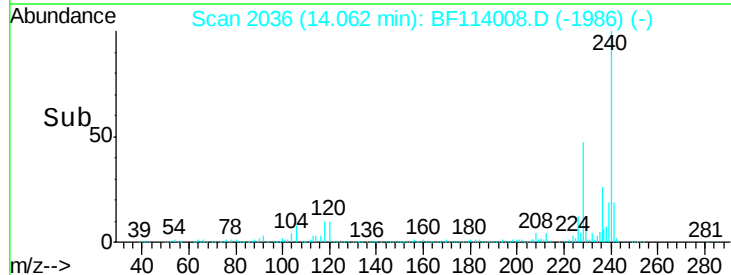
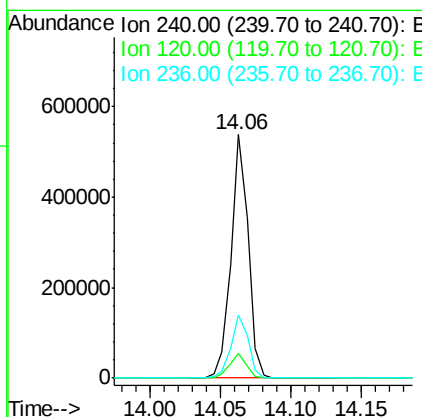
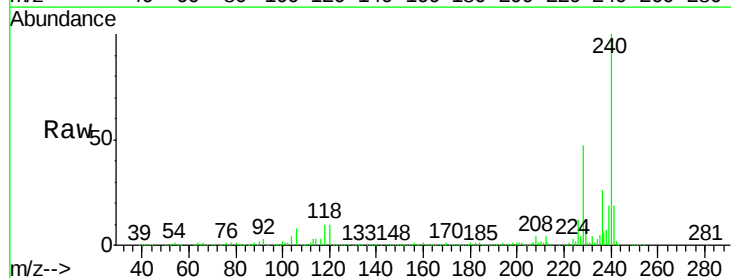
Instrument :
BNA_F
ClientSampleId :
PB119206BS

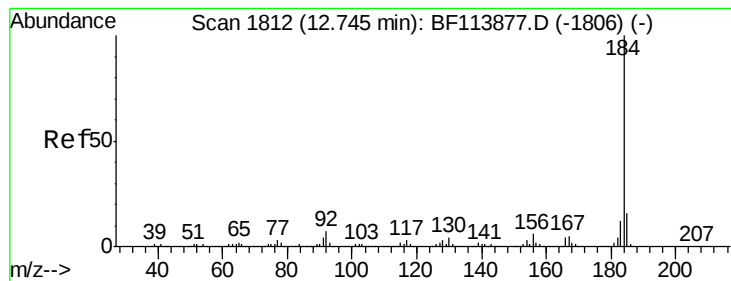
Tot Ion:202 Resp: 1286295
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.9
203 18.3 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Tgt Ion:240 Resp: 453191
Ion Ratio Lower Upper
240 100
120 10.2 9.3 13.9
236 26.2 21.2 31.8





#77

Benzidine

Concen: 48.578 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

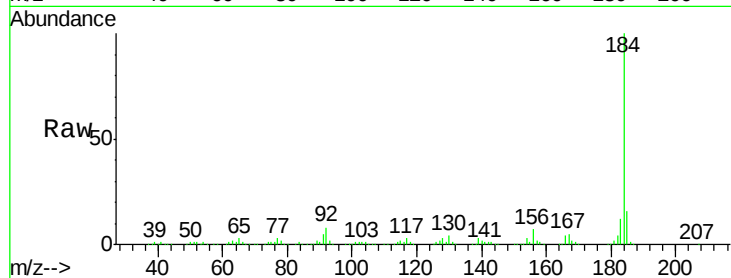
Tot Ion:184 Resp: 655956

Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.6

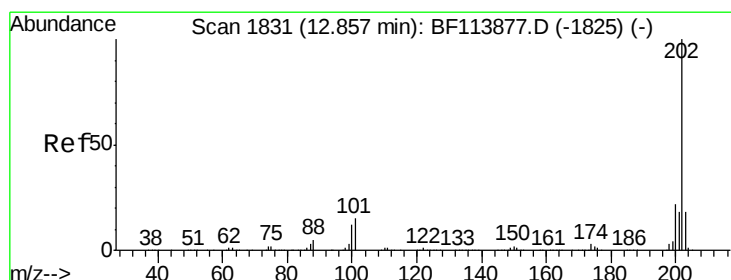
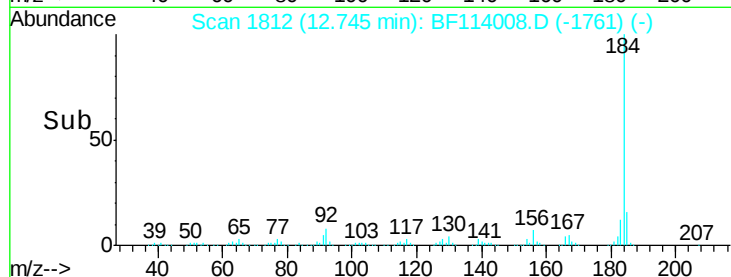
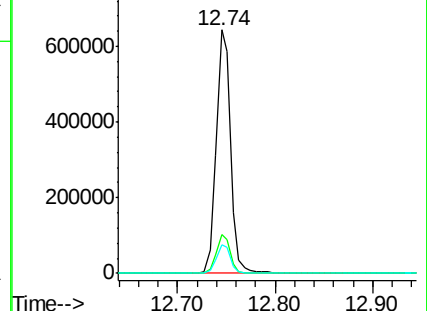
183 11.9 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.932 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

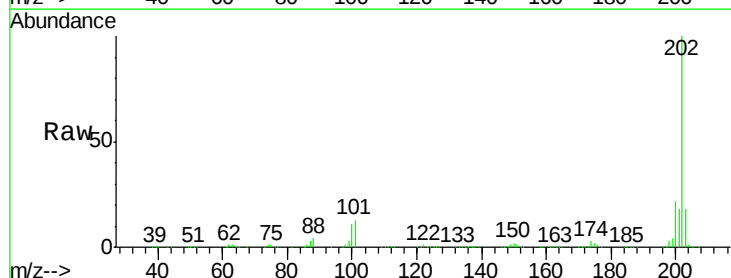
Tgt Ion:202 Resp: 1297246

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

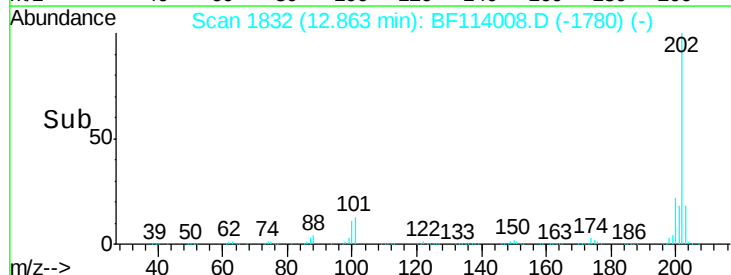
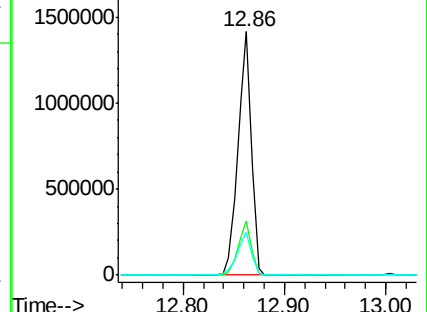
203 17.7 15.0 22.6

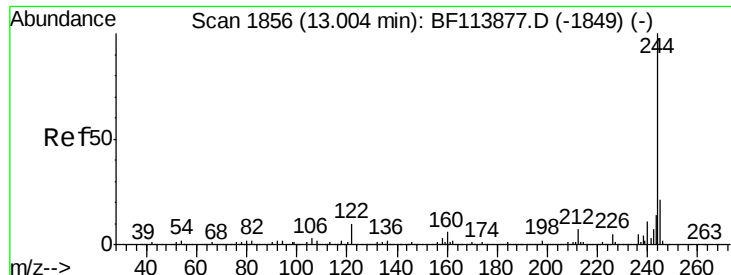


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.587 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

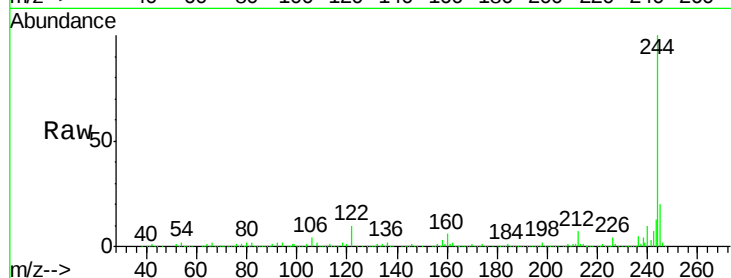
Tot Ion:244 Resp: 1803526

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

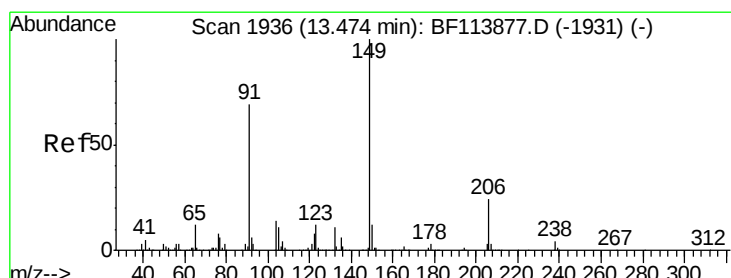
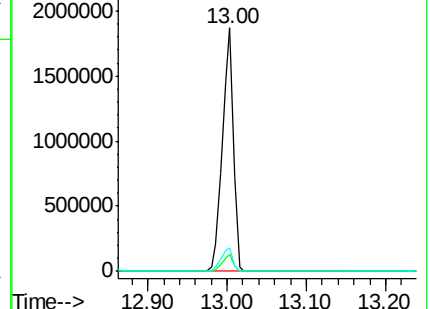
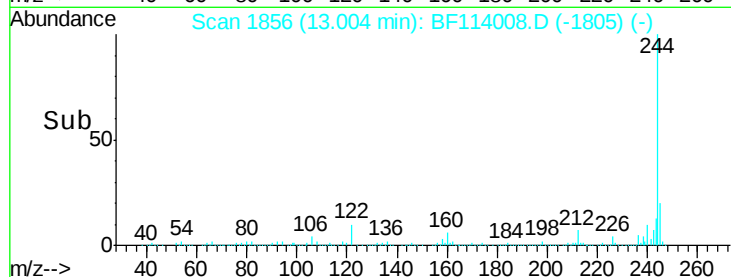
122 9.8 7.6 11.4



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: 43.340 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

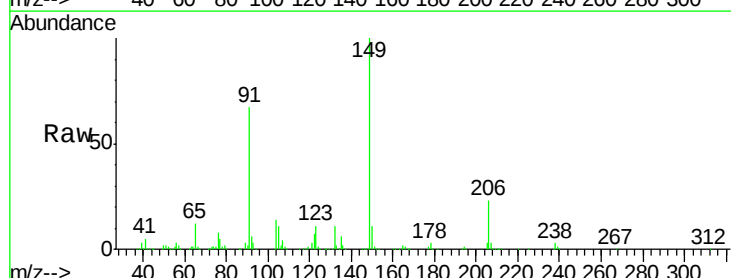
Tgt Ion:149 Resp: 540416

Ion Ratio Lower Upper

149 100

91 66.8 56.3 84.5

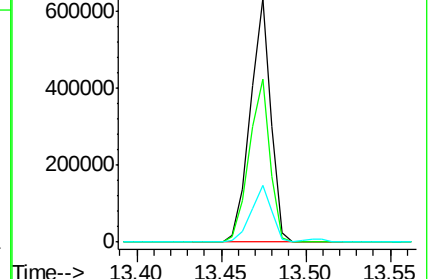
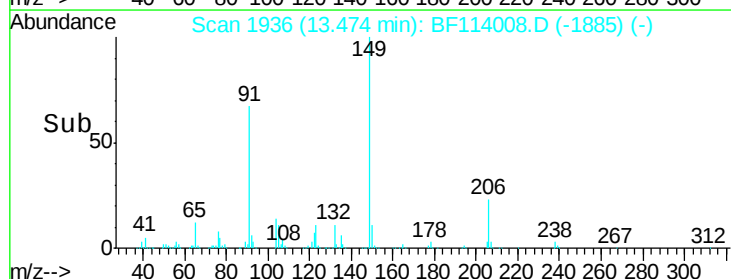
206 23.2 19.0 28.6

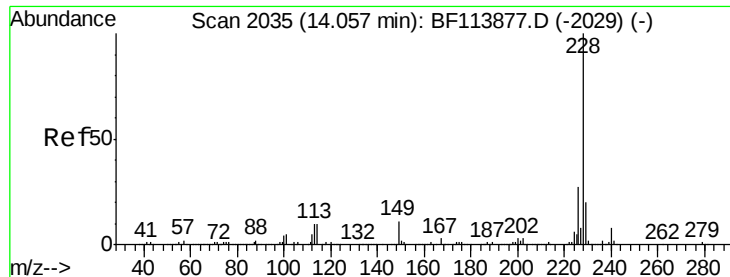


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.176 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

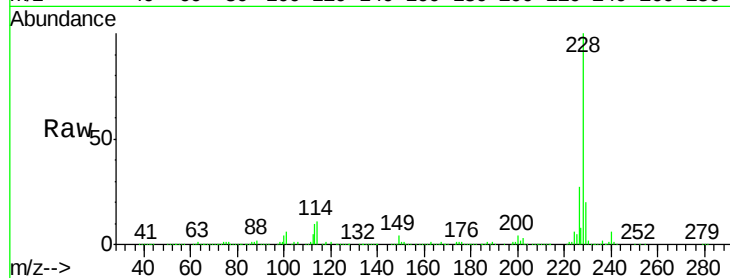
Tot Ion:228 Resp: 1126148

Ion Ratio Lower Upper

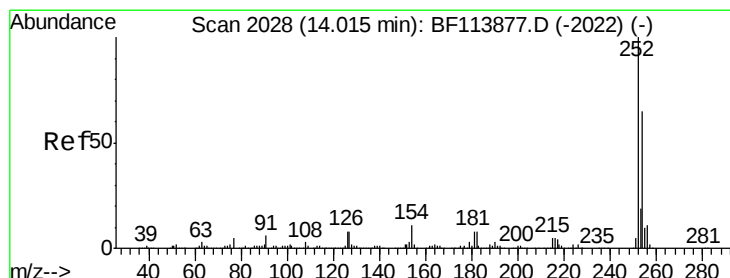
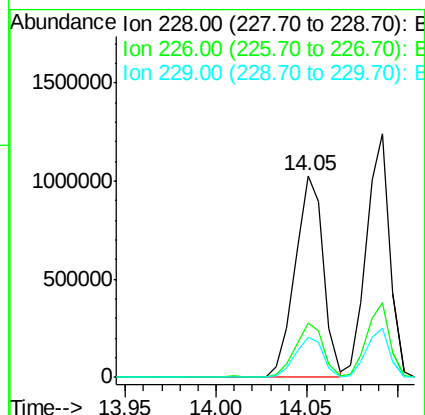
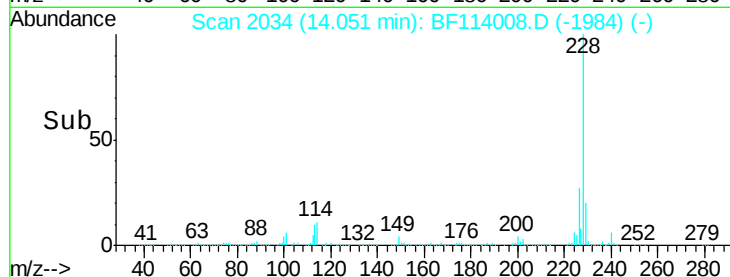
228 100

226 27.1 22.2 33.2

229 19.9 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: 32.367 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

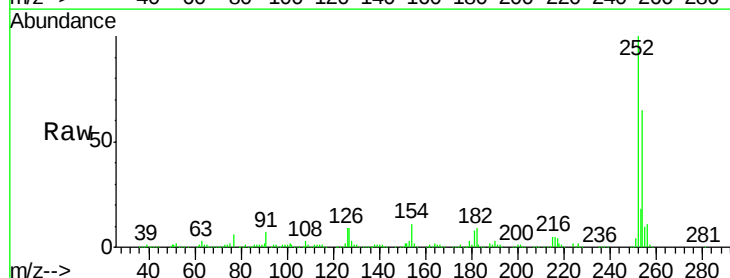
Tgt Ion:252 Resp: 316772

Ion Ratio Lower Upper

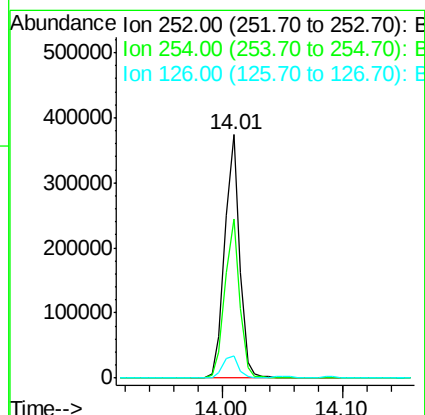
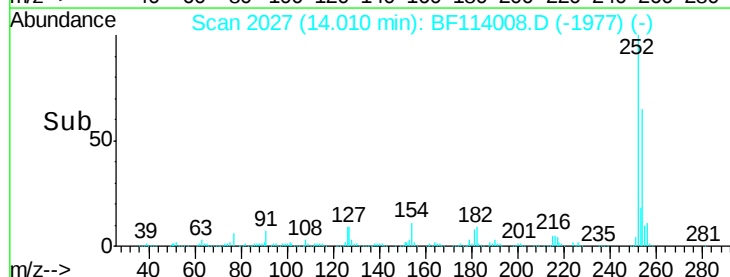
252 100

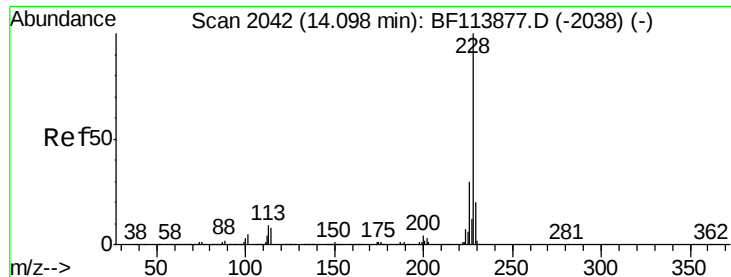
254 65.4 52.1 78.1

126 9.3 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.829 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

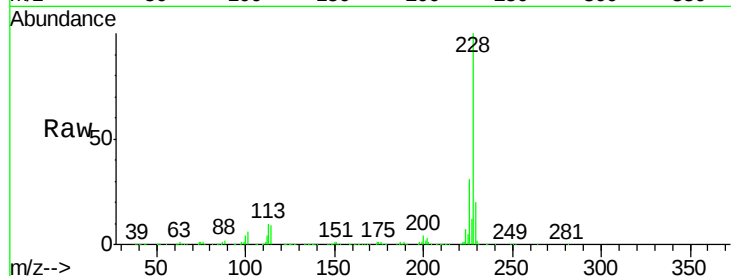
Tot Ion:228 Resp: 1113733

Ion Ratio Lower Upper

228 100

226 30.7 25.2 37.8

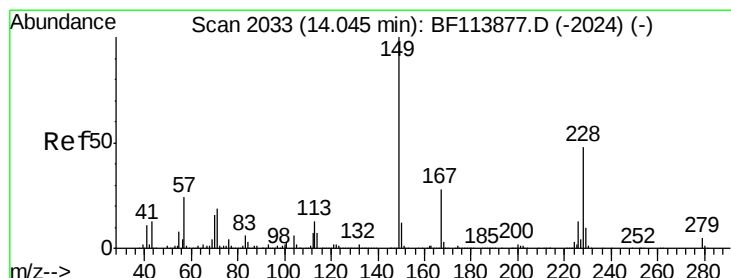
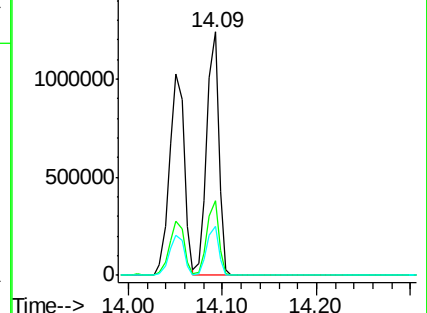
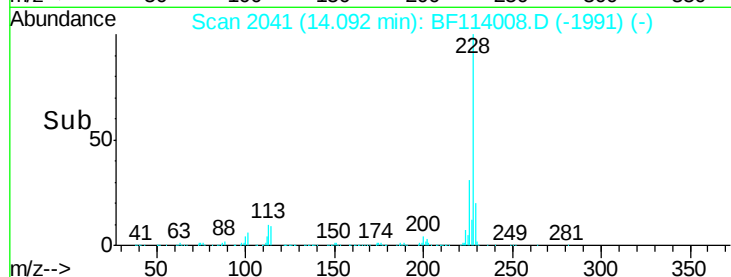
229 20.2 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.621 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

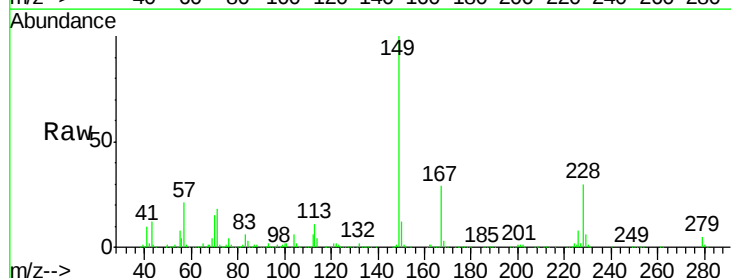
Tgt Ion:149 Resp: 707910

Ion Ratio Lower Upper

149 100

167 29.0 22.9 34.3

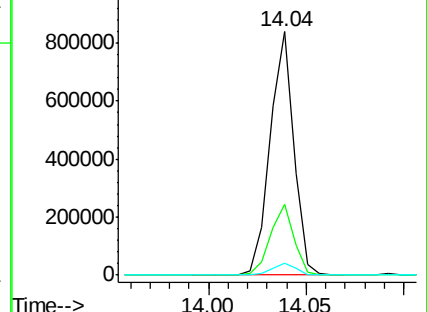
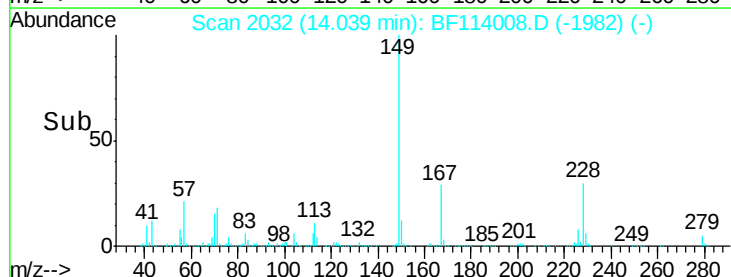
279 4.9 4.2 6.2

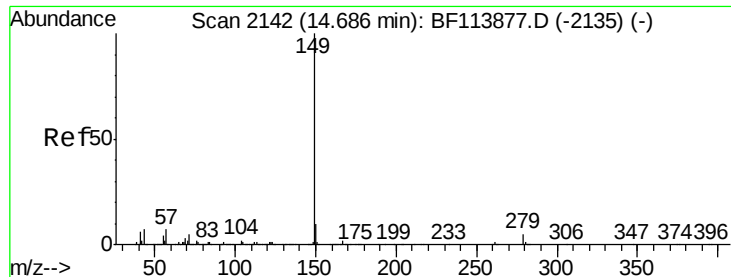


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.408 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

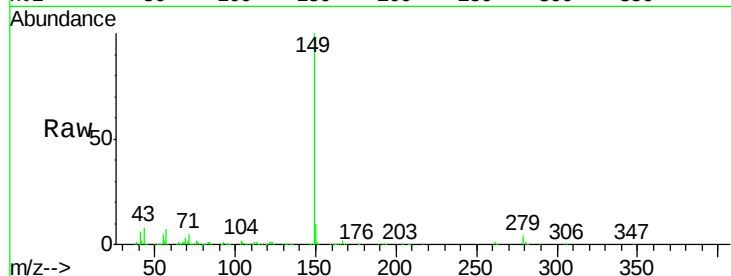
Tot Ion:149 Resp: 1177231

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

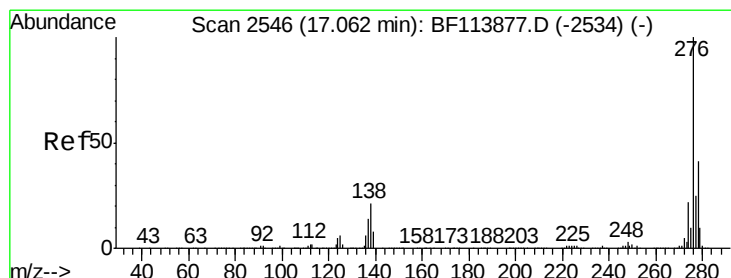
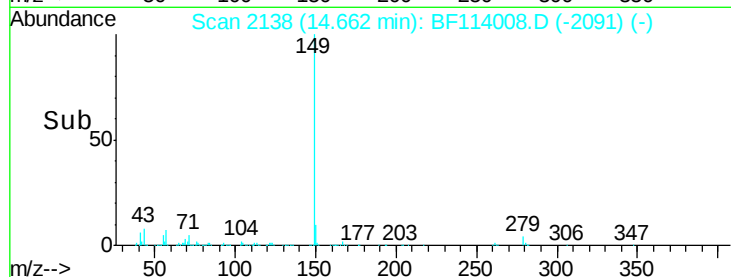
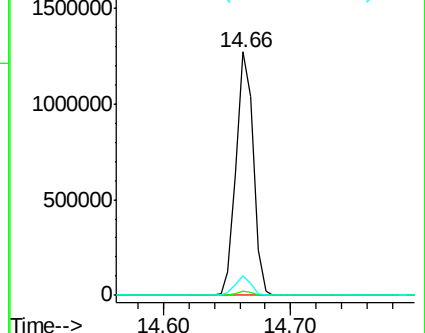
43 7.3 6.6 10.0



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: 35.801 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

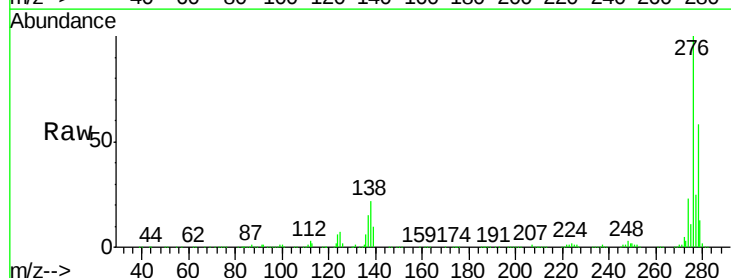
Tgt Ion:276 Resp: 881864

Ion Ratio Lower Upper

276 100

138 23.0 19.6 29.4

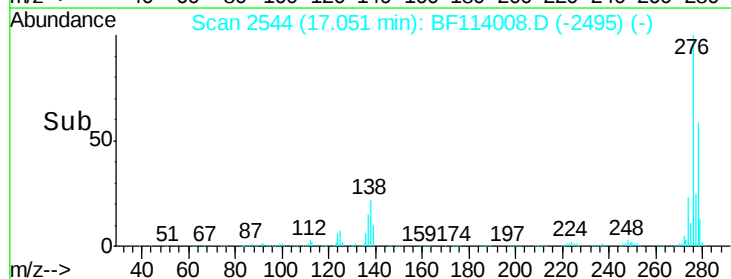
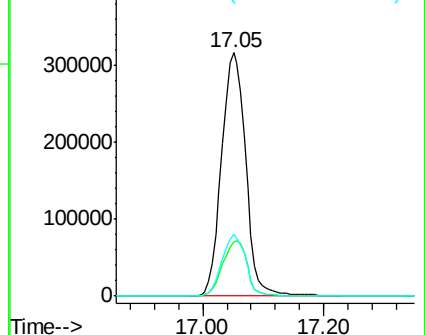
277 25.1 20.2 30.4

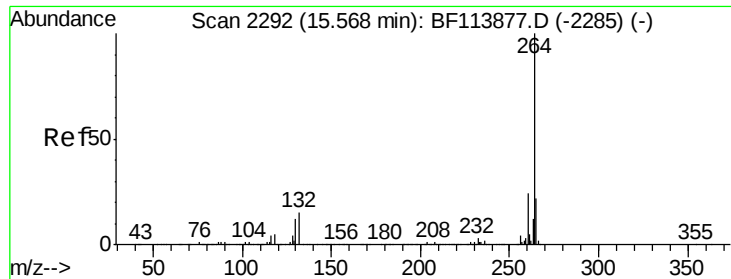


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

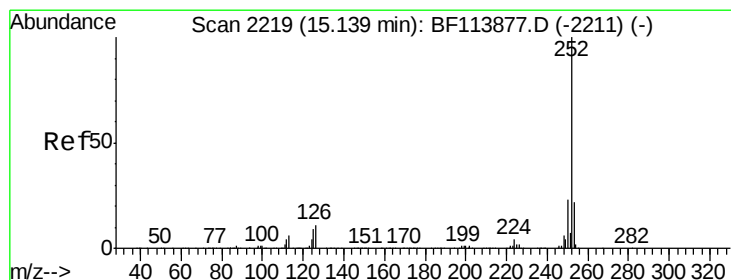
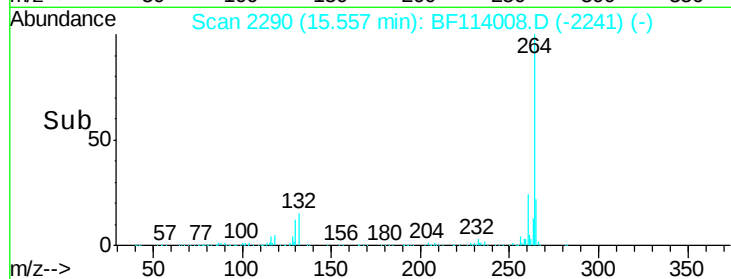
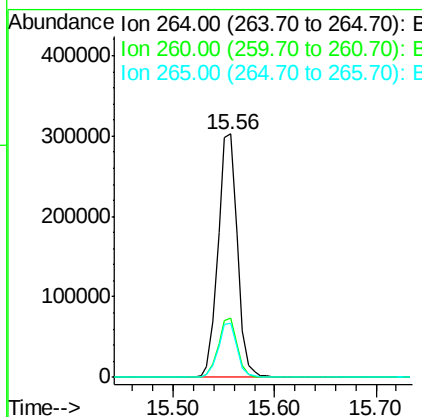
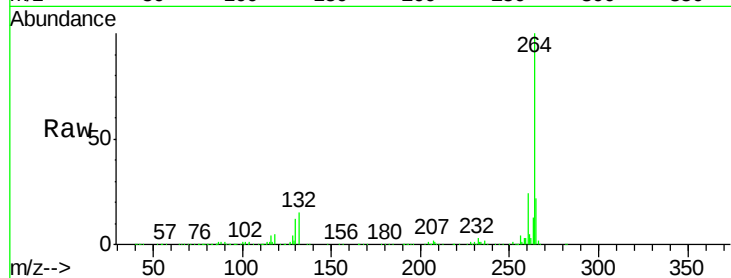




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

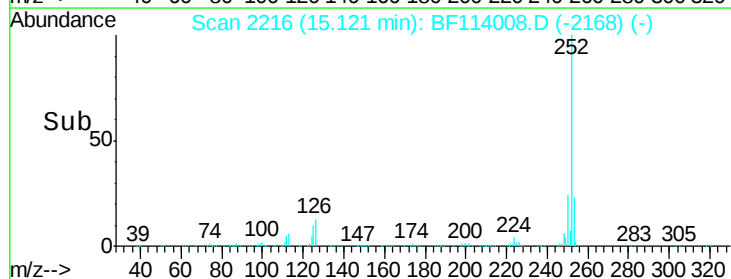
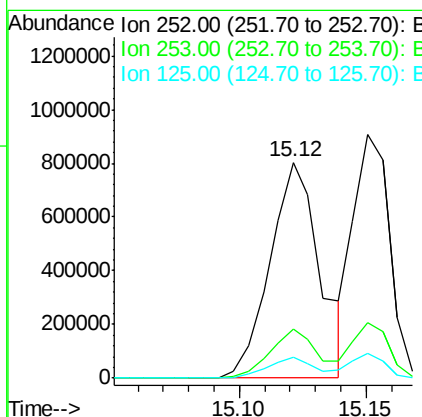
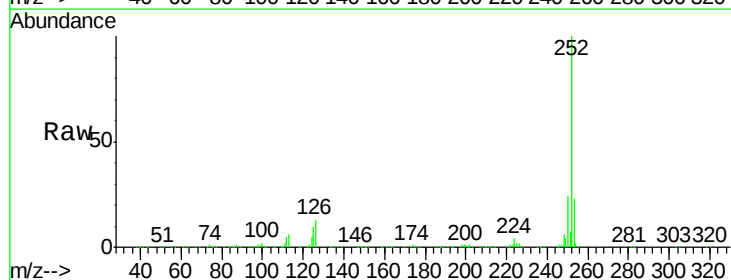
Instrument :
BNA_F
ClientSampleId :
PB119206BS

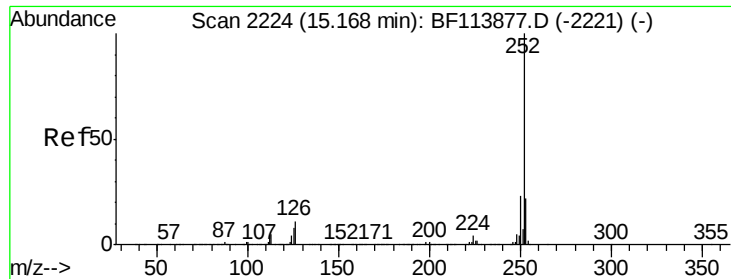
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.1	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 43.623 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	9.7	7.0	10.6

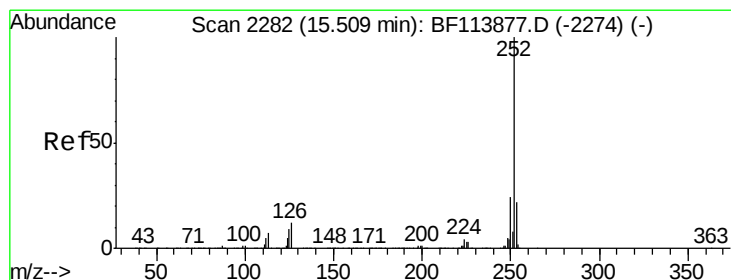
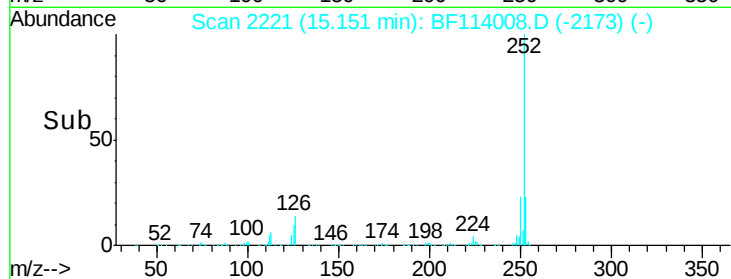
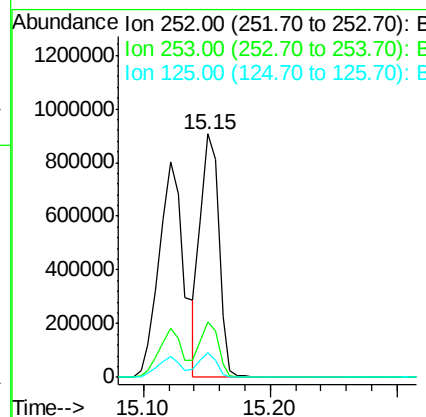
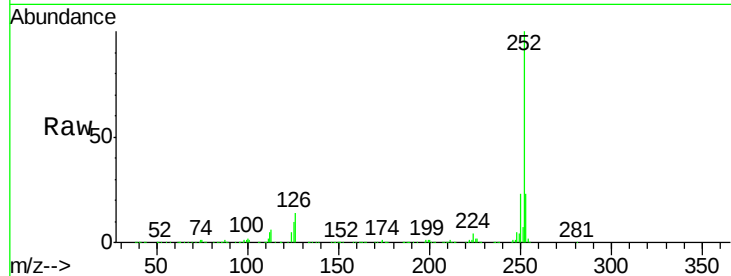




#89
Benzo(k)fluoranthene
Concen: 41.843 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

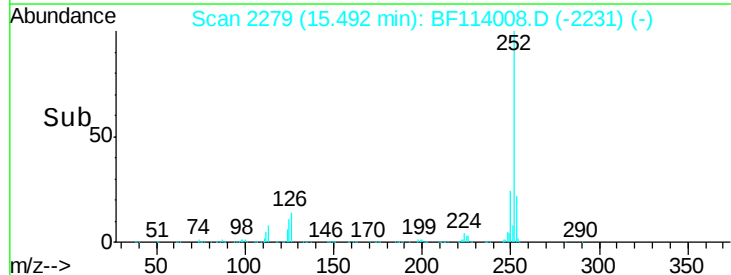
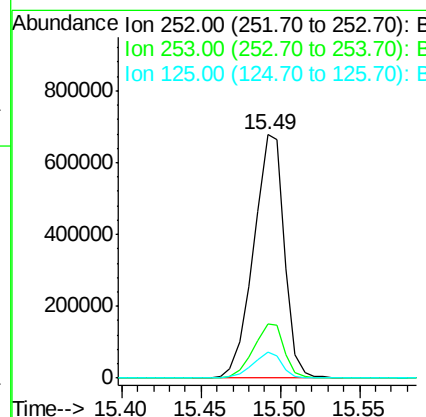
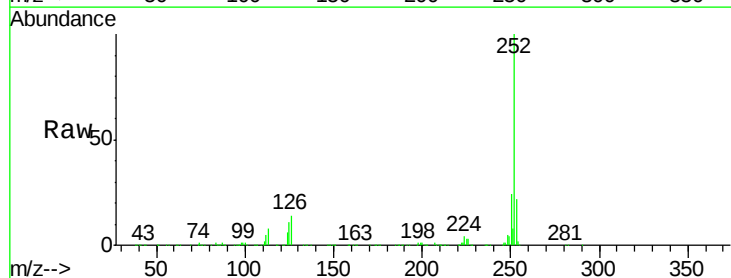
Instrument :
BNA_F
ClientSampleId :
PB119206BS

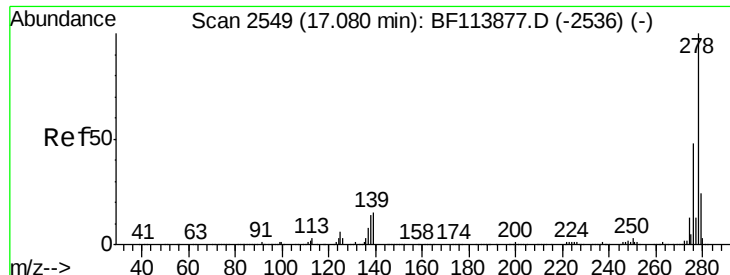
Tot Ion:252 Resp: 910084
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 41.799 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF114008.D
Acq: 26 Apr 2019 14:25

Tgt Ion:252 Resp: 914168
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.9 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 36.132 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

Instrument :

BNA_F

ClientSampleId :

PB119206BS

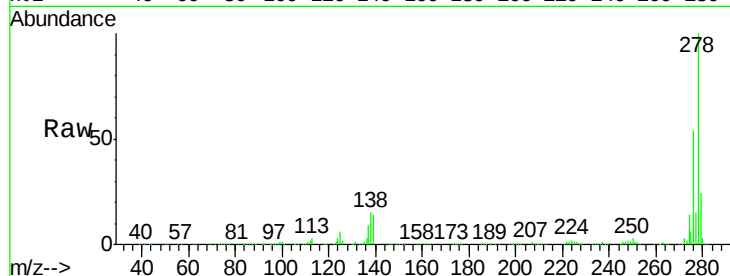
Tot Ion:278 Resp: 741801

Ion Ratio Lower Upper

278 100

139 14.3 11.6 17.4

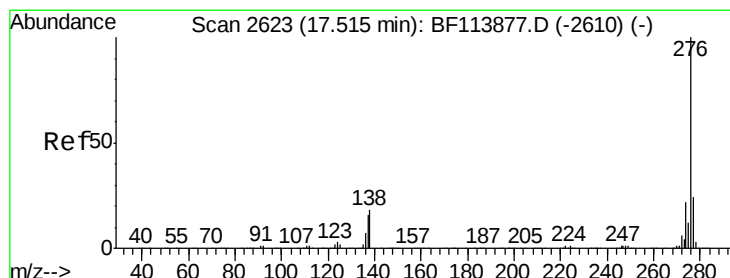
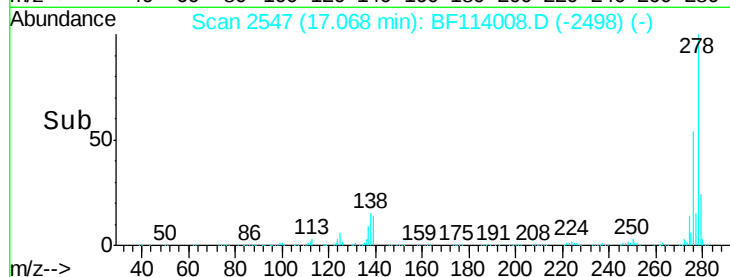
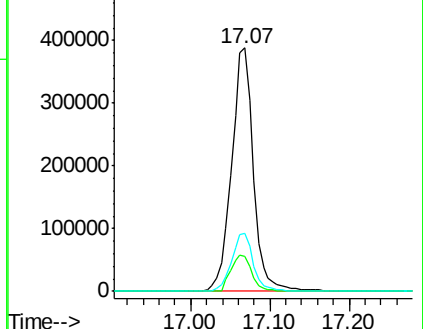
279 23.9 19.0 28.6



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: 35.062 ng

RT: 17.50 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF114008.D

Acq: 26 Apr 2019 14:25

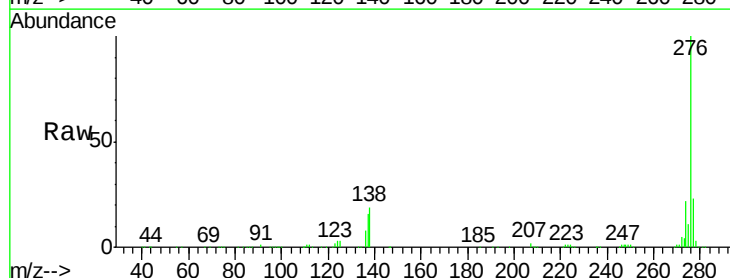
Tgt Ion:276 Resp: 726439

Ion Ratio Lower Upper

276 100

277 22.7 19.0 28.4

138 19.0 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

