

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102434.D
 Acq On : 25 Jan 2018 20:11
 Operator : SJ/JU
 Sample : J1251-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 00:22:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137732	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	578025	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	257534	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	422683	20.00	ng	0.00
75) Chrysene-d12	13.88	240	264801	20.00	ng	0.00
86) Perylene-d12	15.30	264	265495	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	997562	109.82	ng	0.01
7) Phenol-d6	6.37	99	1206359	110.16	ng	0.00
23) Nitrobenzene-d5	7.29	82	763390	75.90	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	227537	89.17	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1262086	72.06	ng	0.00
78) Terphenyl-d14	12.82	244	980217	83.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	135853	31.477	ng	98
3) Pyridine	3.13	79	193481	17.154	ng	98
4) n-Nitrosodimethylamine	3.08	42	194530	43.994	ng	98
6) Aniline	6.39	93	249666	17.236	ng	# 66
8) 2-Chlorophenol	6.50	128	386371	40.576	ng	100
9) Benzaldehyde	6.27	77	212848	33.042	ng	92
10) Phenol	6.38	94	491509	41.111	ng	87
11) bis(2-Chloroethyl)ether	6.46	93	368578	40.534	ng	96
12) 1,3-Dichlorobenzene	6.66	146	396963	35.053	ng	99
13) 1,4-Dichlorobenzene	6.73	146	407381	35.911	ng	99
14) 1,2-Dichlorobenzene	6.89	146	380804	36.699	ng	99
15) Benzyl Alcohol	6.87	79	306356	39.649	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	578686	37.945	ng	80
17) 2-Methylphenol	6.98	107	318935	38.566	ng	96
18) Hexachloroethane	7.22	117	143258	36.240	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	255801	38.169	ng	99
20) 3+4-Methylphenols	7.14	107	386173	39.705	ng	# 87
22) Acetophenone	7.13	105	531096	38.543	ng	94
24) Nitrobenzene	7.30	77	391750	38.058	ng	98
25) Isophorone	7.55	82	725235	40.444	ng	98
26) 2-Nitrophenol	7.62	139	219210	40.463	ng	91
27) 2,4-Dimethylphenol	7.66	122	348756	44.334	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	460776	41.598	ng	99
29) 2,4-Dichlorophenol	7.86	162	328897	41.045	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	311177	36.227	ng	99
31) Naphthalene	8.02	128	1085981	37.629	ng	100
32) Benzoic acid	7.77	122	68981	10.466	ng	97
33) 4-Chloroaniline	8.07	127	169743	13.987	ng	99
34) Hexachlorobutadiene	8.13	225	162027	35.318	ng	98
35) Caprolactam	8.46	113	73614	27.816	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	350683	41.518	ng	99
37) 2-Methylnaphthalene	8.71	142	737538	38.374	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	286812	37.017	ng	99
40) Hexachlorocyclopentadiene	8.86	237	176927	51.024	ng	98

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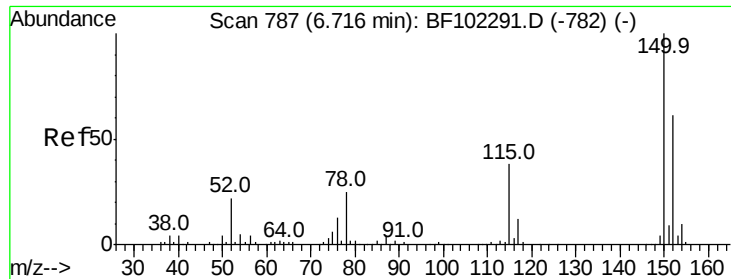
Instrument :
 BNA_F
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.00	196	204129	39.355	nq	98
43) 2,4,5-Trichlorophenol	9.04	196	217144	37.182	nq	97
45) 1,1'-Biphenyl	9.18	154	849492	36.890	nq	98
46) 2-Chloronaphthalene	9.20	162	657867	36.754	nq	97
47) 2-Nitroaniline	9.30	65	222042	39.790	nq	96
48) Acenaphthylene	9.62	152	985610	35.345	nq	100
49) Dimethylphthalate	9.49	163	1130339	53.100	nq	99
50) 2,6-Dinitrotoluene	9.55	165	176362	38.428	nq	95
51) Acenaphthene	9.79	154	583604	35.835	nq	99
52) 3-Nitroaniline	9.72	138	127933	23.564	nq	98
53) 2,4-Dinitrophenol	9.83	184	131710	64.703	nq #	20
54) Dibenzofuran	9.96	168	854234	38.756	nq	98
55) 4-Nitrophenol	9.90	139	257749	71.920	nq	96
56) 2,4-Dinitrotoluene	9.96	165	220451	39.061	nq #	92
57) Fluorene	10.30	166	672834	38.524	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	171247	41.069	nq	96
59) Diethylphthalate	10.18	149	762714	36.872	nq	98
60) 4-Chlorophenyl-phenylether	10.29	204	290558	38.371	nq	96
61) 4-Nitroaniline	10.33	138	187846	34.673	nq	93
62) Azobenzene	10.46	77	707247	37.344	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	102676	36.410	nq	94
65) n-Nitrosodiphenylamine	10.42	169	614514	39.610	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	183158	40.253	nq	91
67) Hexachlorobenzene	10.85	284	181636	35.693	nq #	92
68) Atrazine	10.95	200	189671	41.395	nq	98
69) Pentachlorophenol	11.04	266	166645	62.338	nq	97
70) Phenanthrene	11.26	178	936049	38.003	nq	99
71) Anthracene	11.32	178	955257	37.997	nq	99
72) Carbazole	11.47	167	890931	36.325	nq	99
73) Di-n-butylphthalate	11.80	149	1139324	37.163	nq	99
74) Fluoranthene	12.45	202	840371	33.458	nq	98
76) Benzidine	12.57	184	93177	10.474	nq	98
77) Pyrene	12.68	202	829842	40.533	nq	99
79) Butylbenzylphthalate	13.30	149	408696	40.113	nq	93
80) Benzo(a)anthracene	13.87	228	642377	39.403	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	160144	26.778	nq	97
82) Chrysene	13.90	228	618948	37.386	nq	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	560492	40.934	nq #	98
84) Di-n-octyl phthalate	14.46	149	914923	41.088	nq	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	640101	46.816	nq	99
87) Benzo(b)fluoranthene	14.90	252	626788	36.424	nq	98
88) Benzo(k)fluoranthene	14.93	252	594273	36.553	nq	98
89) Benzo(a)pyrene	15.24	252	597024	38.469	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	529754	42.138	nq	98
91) Benzo(g,h,i)perylene	17.13	276	525267	42.315	nq	98

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

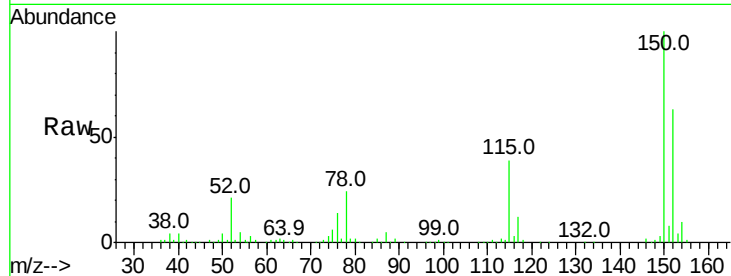


#1

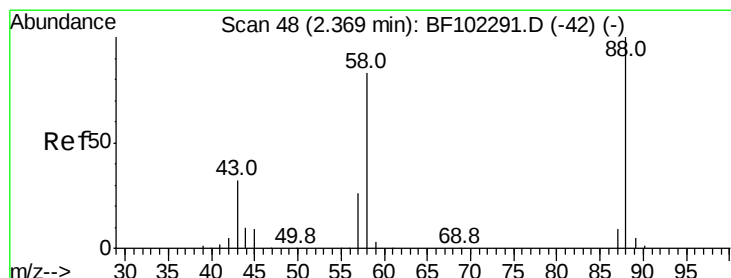
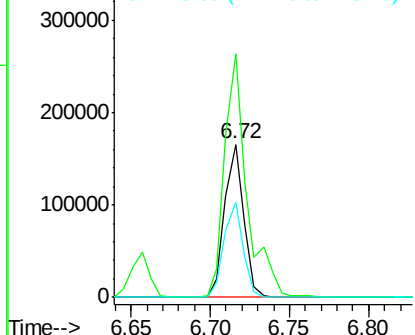
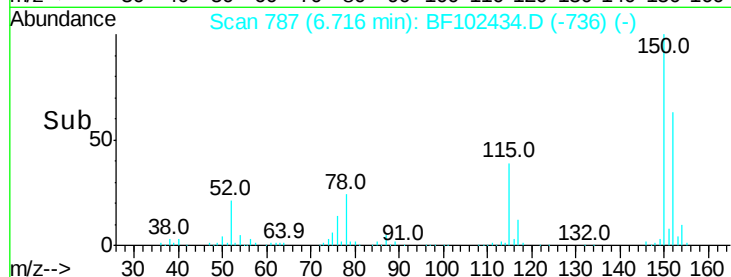
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137732
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 61.7 50.1 75.1



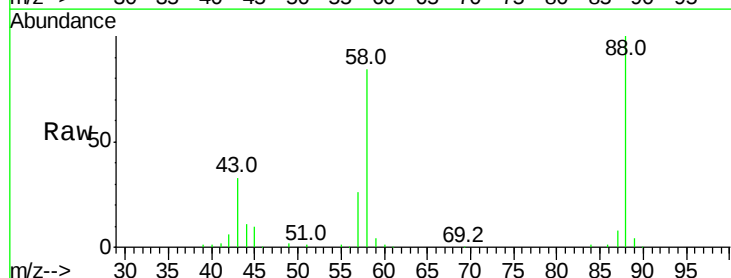
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



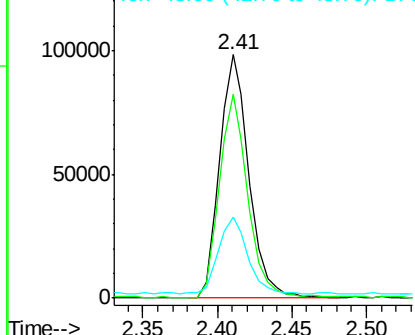
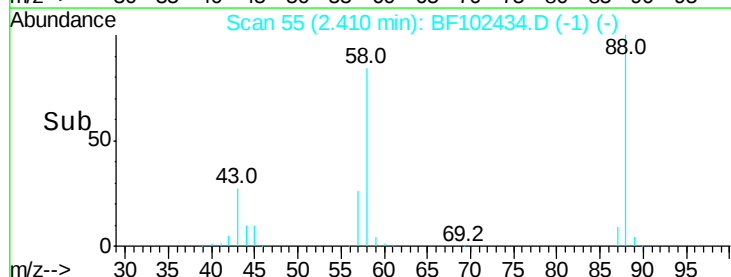
#2

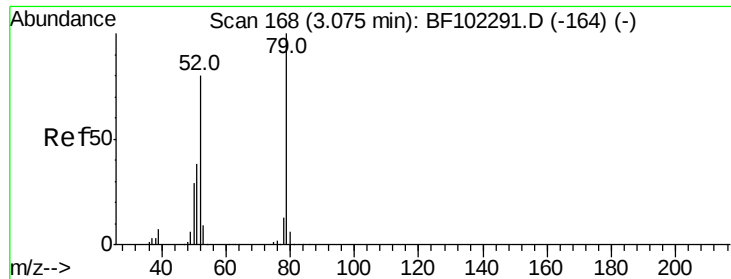
1,4-Dioxane
Concen: 31.477 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.04 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion: 88 Resp: 135853
Ion Ratio Lower Upper
88 100
58 80.2 62.6 93.8
43 31.7 24.6 37.0



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





#3

Pvridine

Concen: 17.154 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.06 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

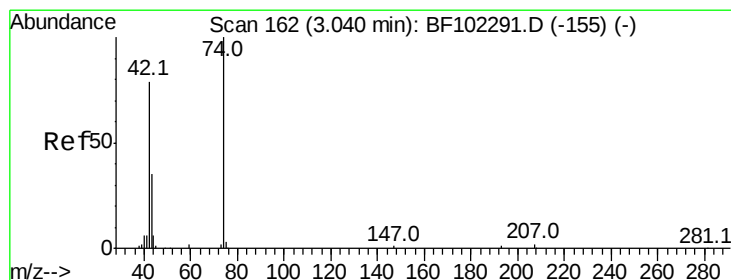
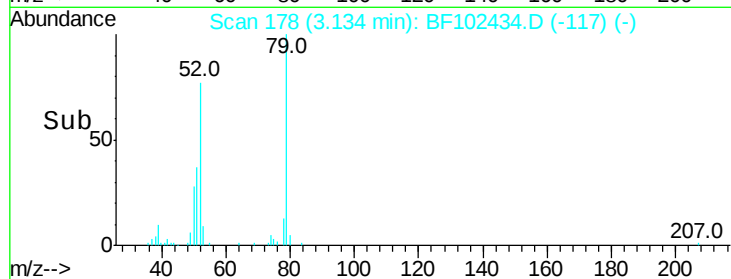
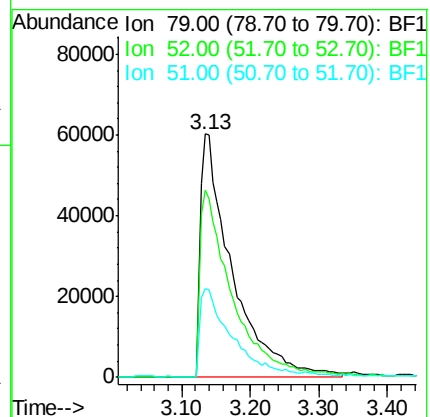
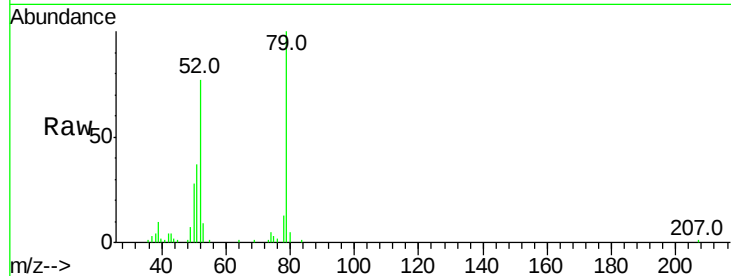
Tot Ion: 79 Resp: 193481

Ion Ratio Lower Upper

79 100

52 77.1 59.8 89.6

51 36.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 43.994 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.03 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

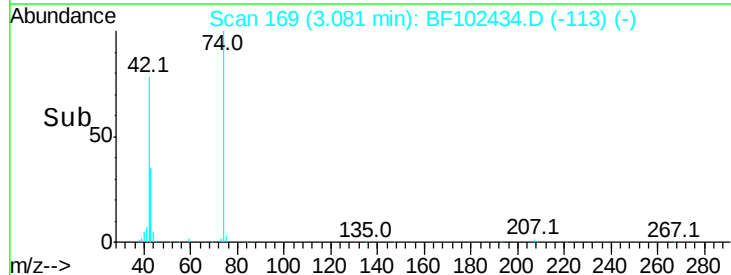
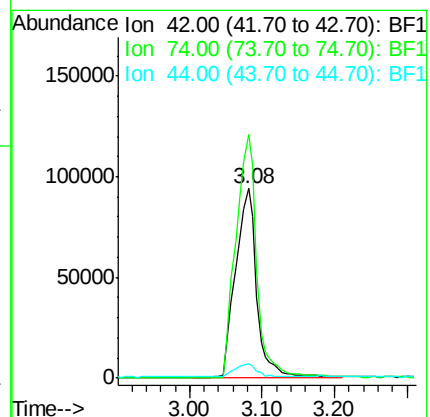
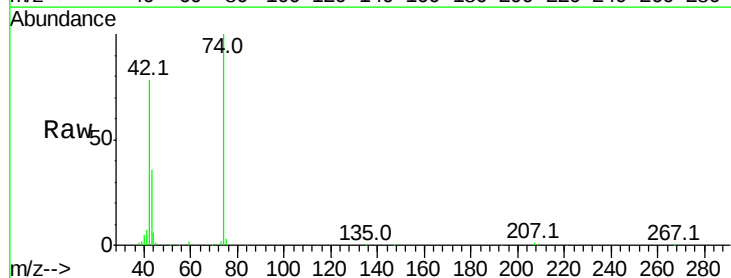
Tgt Ion: 42 Resp: 194530

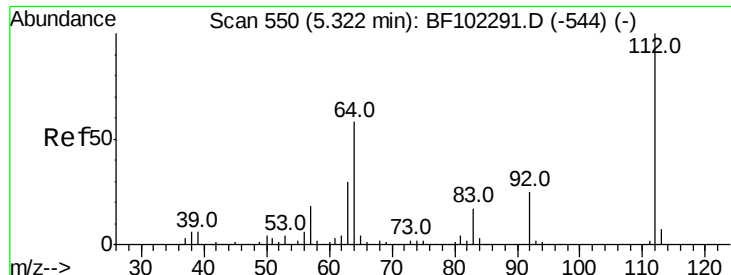
Ion Ratio Lower Upper

42 100

74 128.7 104.9 157.3

44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 109.819 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

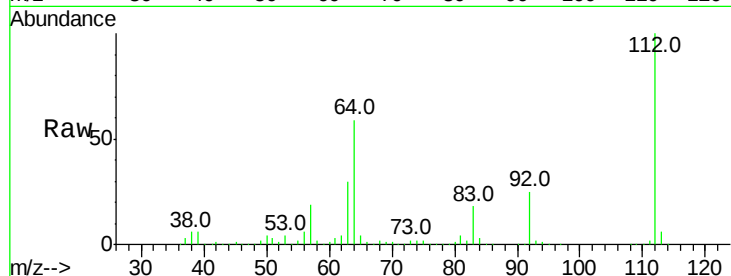
Tot Ion:112 Resp: 997562

Ion Ratio Lower Upper

112 100

64 59.2 47.9 71.9

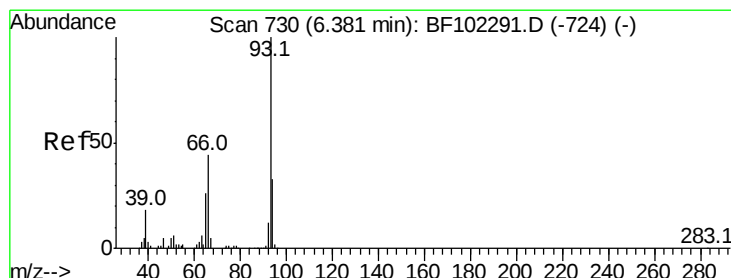
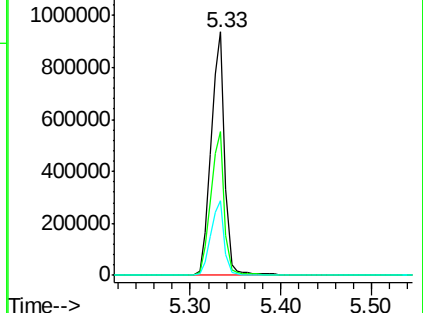
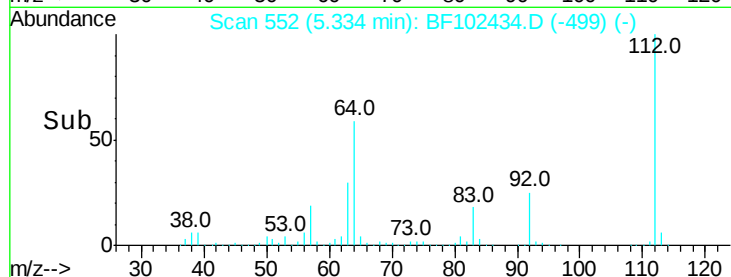
63 30.4 23.7 35.5



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: 17.236 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

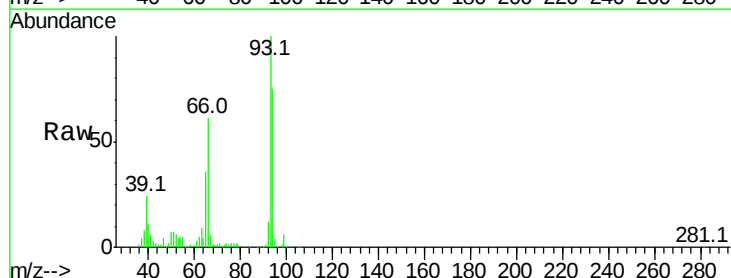
Tgt Ion: 93 Resp: 249666

Ion Ratio Lower Upper

93 100

66 61.5 32.2 48.2#

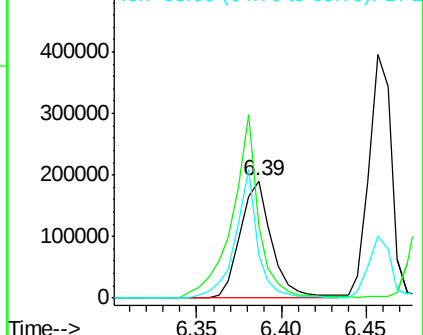
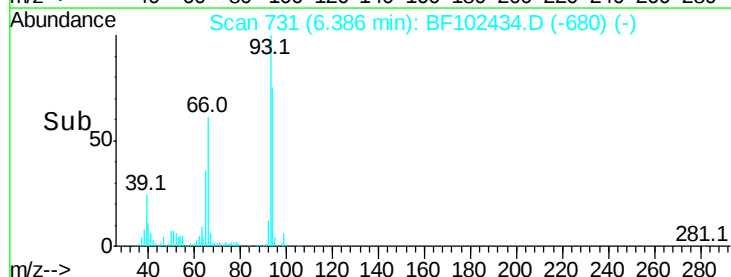
65 36.4 16.4 24.6#

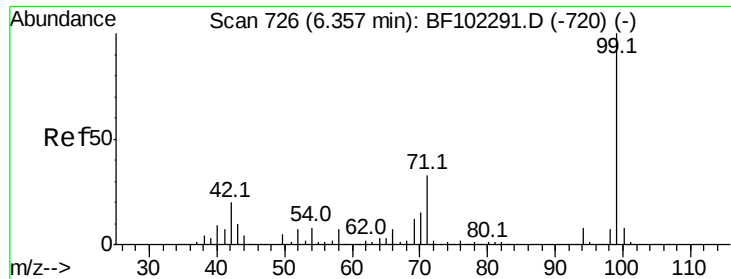


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.158 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

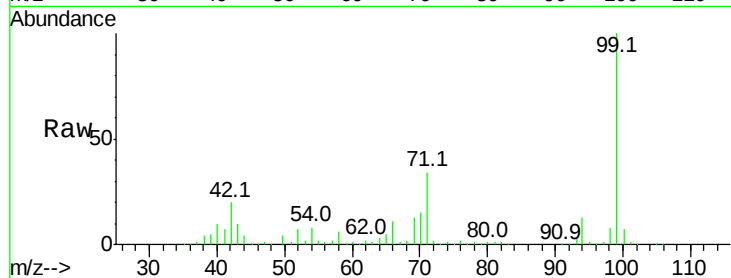
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1206359

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	34.1	25.4	38.0

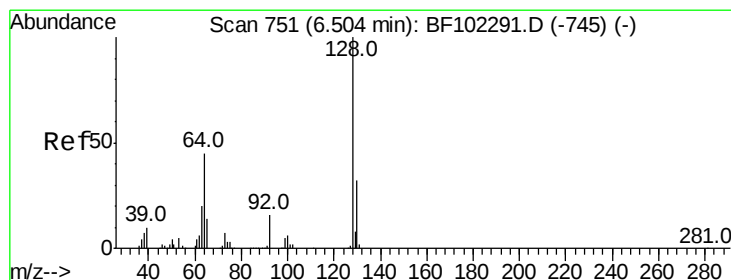
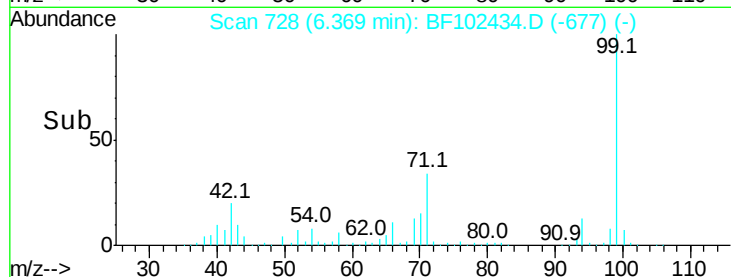
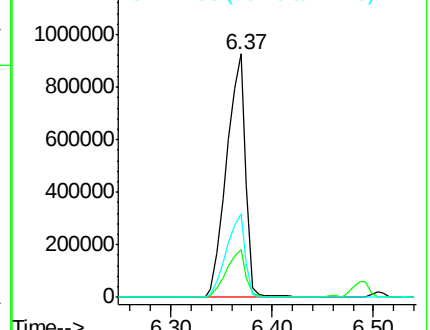


Abundance

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: 40.576 ng

RT: 6.50 min Scan# 751

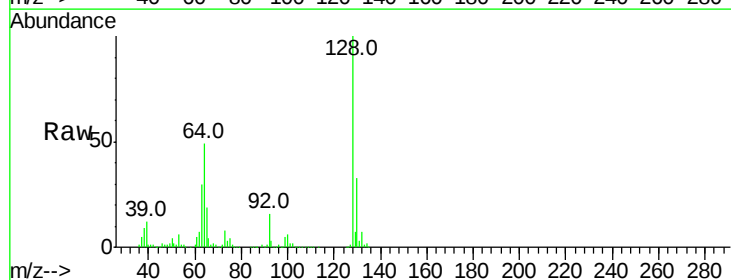
Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion:128 Resp: 386371

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	49.2	29.4	69.4

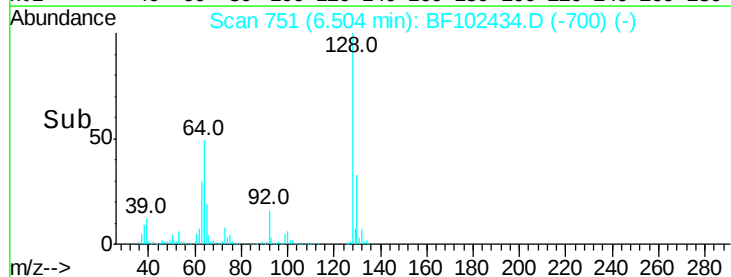
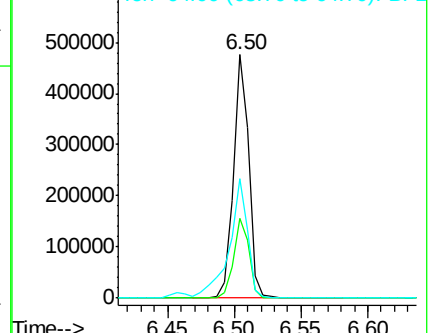


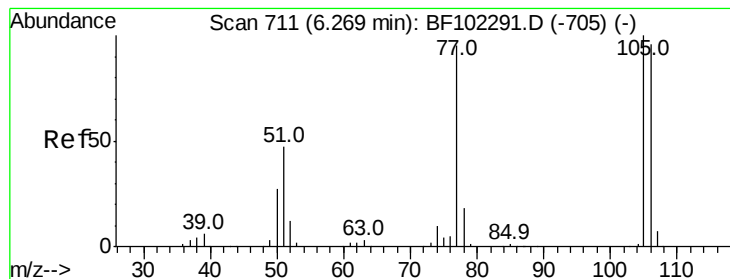
Abundance

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: 33.042 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampled :

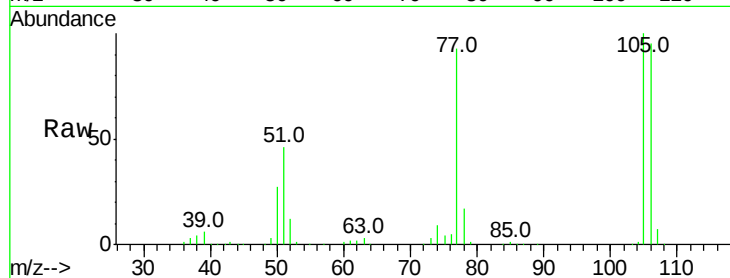
Tot Ion: 77 Resp: 212848

Ion Ratio Lower Upper

77 100

105 107.8 81.1 121.1

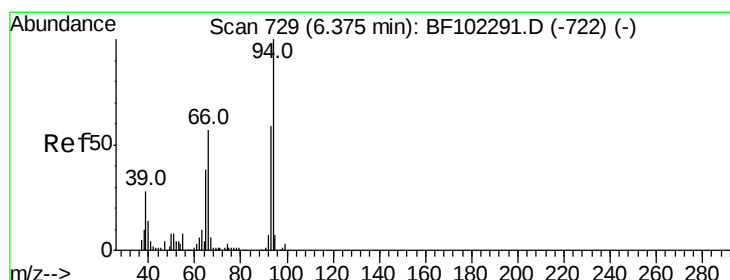
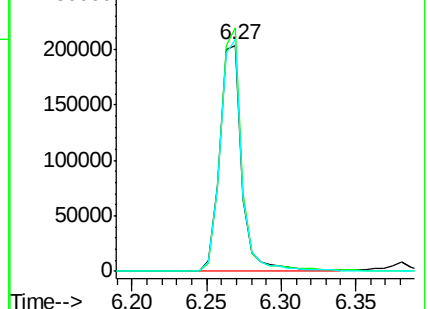
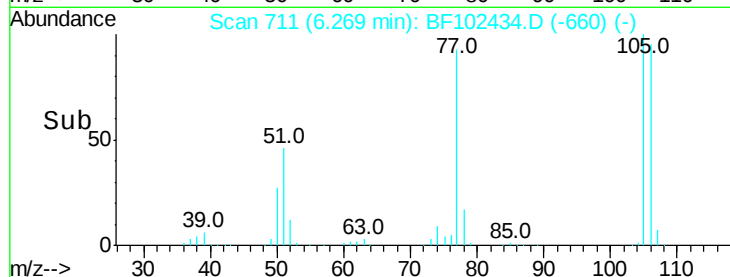
106 102.8 74.5 114.5



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: 41.111 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

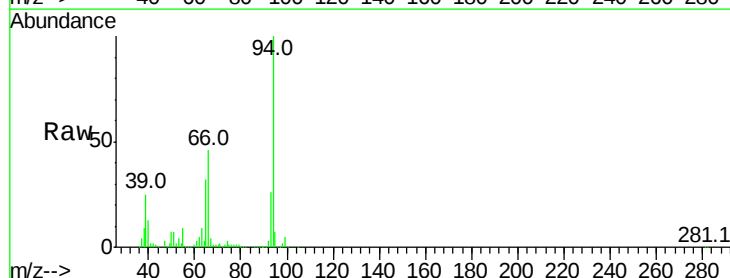
Tgt Ion: 94 Resp: 491509

Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

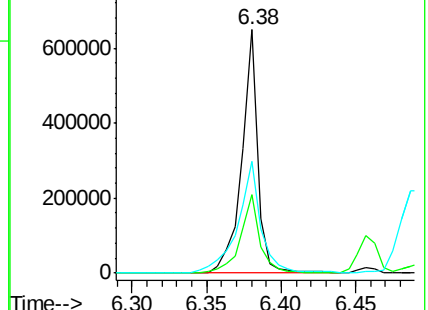
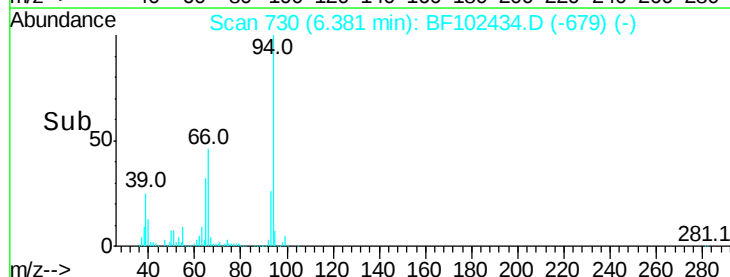
66 46.1 16.2 56.2

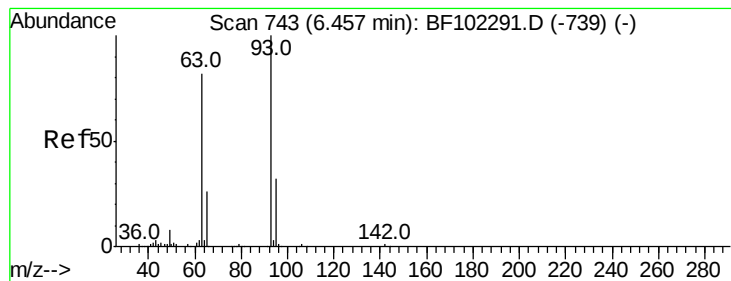


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

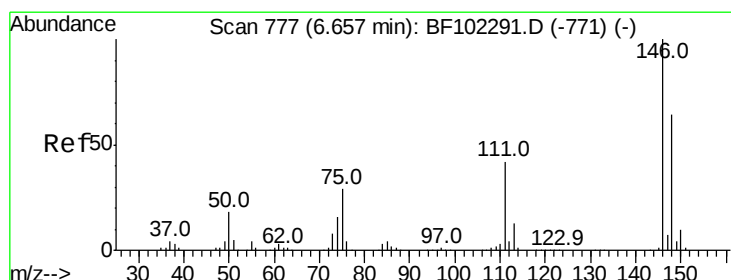
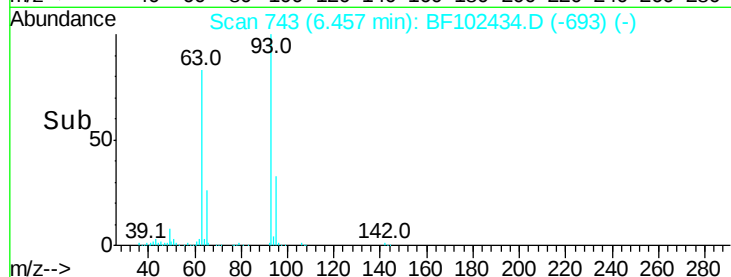
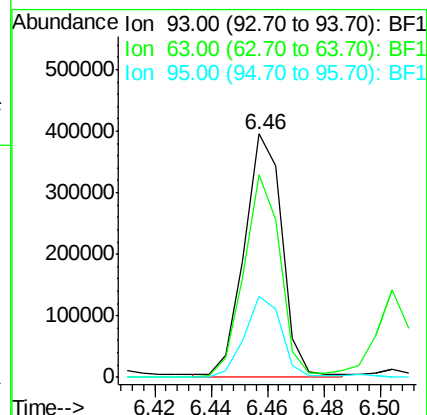
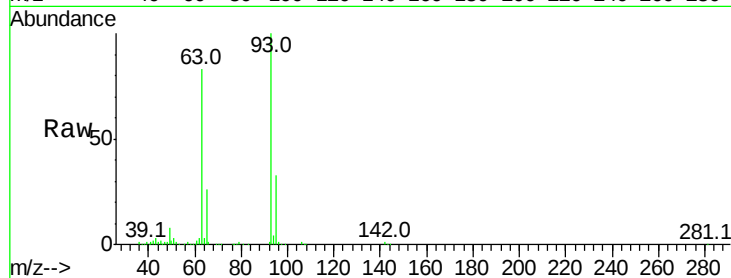




#11
bis(2-Chloroethyl)ether
Concen: 40.534 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

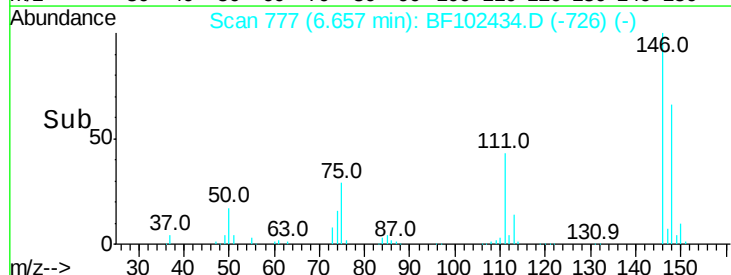
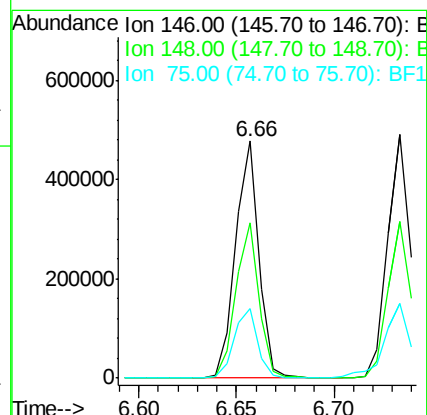
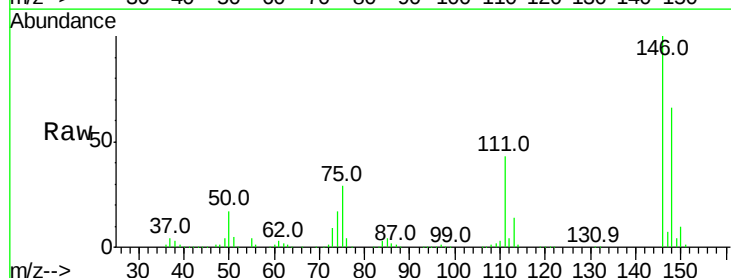
Instrument :
BNA_F
ClientSampleId :

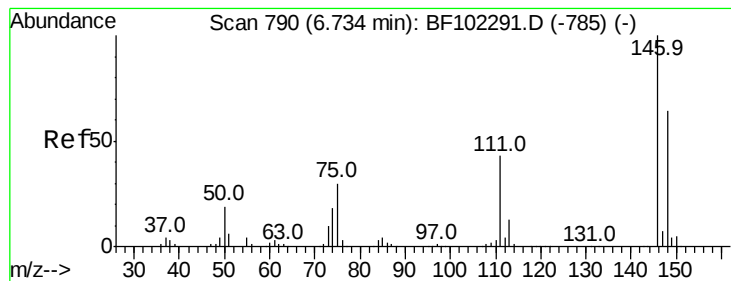
Tot Ion: 93 Resp: 368578
Ion Ratio Lower Upper
93 100
63 83.2 58.6 98.6
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.053 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion: 146 Resp: 396963
Ion Ratio Lower Upper
146 100
148 65.6 51.8 77.8
75 29.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 35.911 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

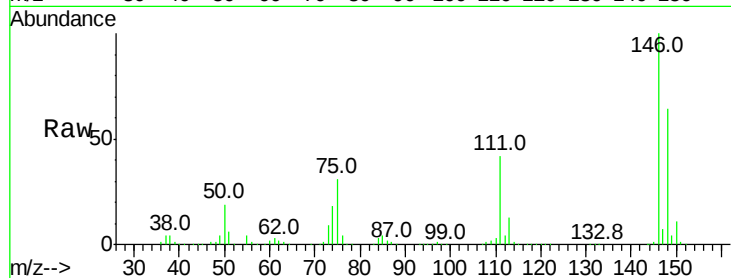
Tot Ion:146 Resp: 407381

Ion Ratio Lower Upper

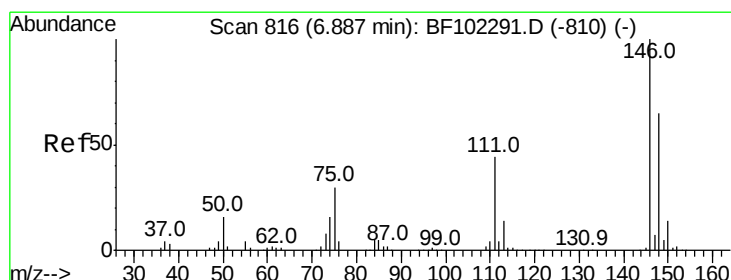
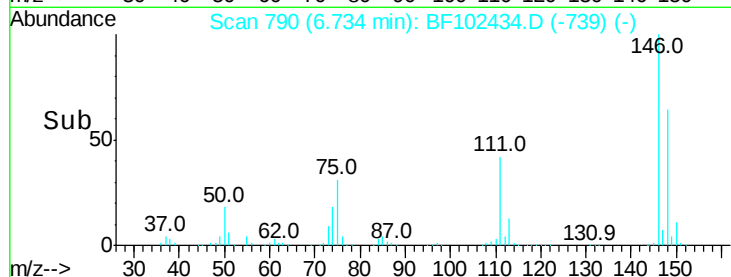
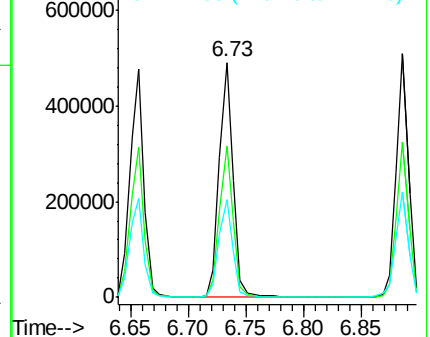
146 100

148 64.4 50.8 76.2

111 41.8 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 36.699 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

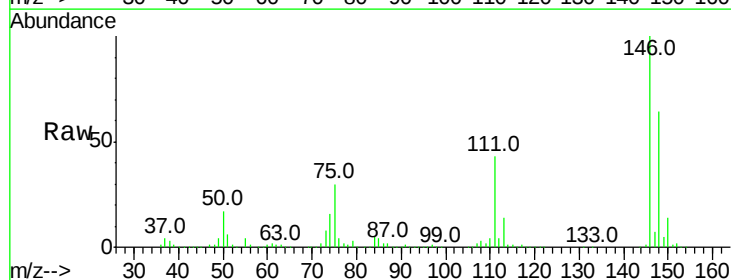
Tgt Ion:146 Resp: 380804

Ion Ratio Lower Upper

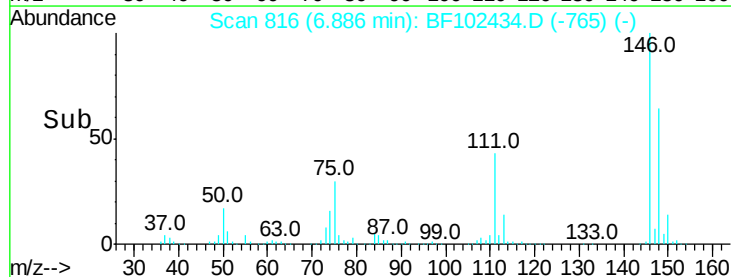
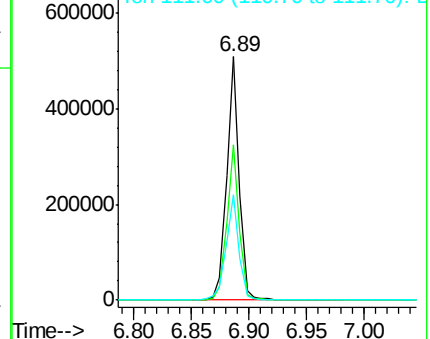
146 100

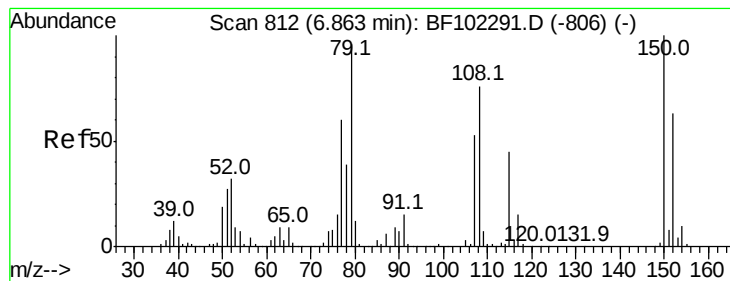
148 63.6 50.6 75.8

111 43.4 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 39.649 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampled :

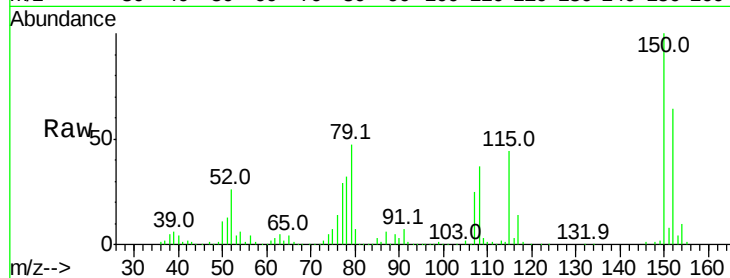
Tot Ion: 79 Resp: 306356

Ion Ratio Lower Upper

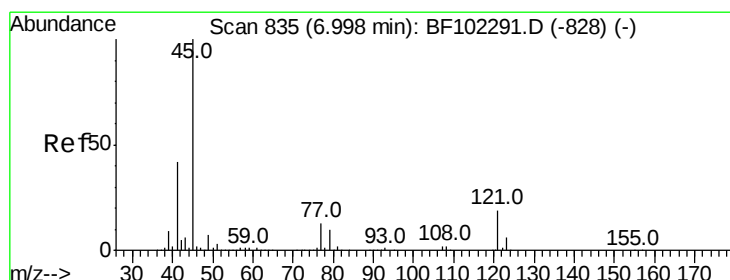
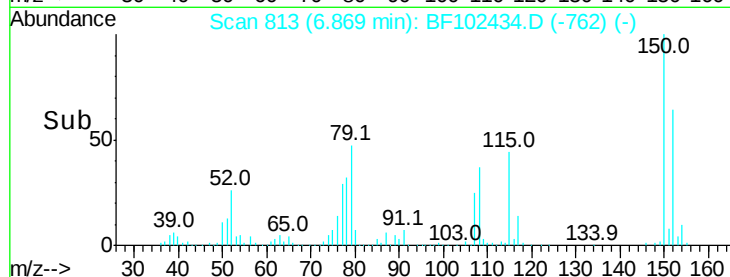
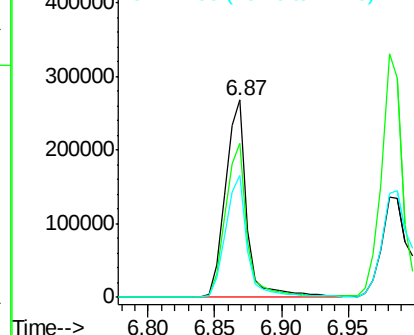
79 100

108 78.4 65.1 97.7

77 61.8 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.945 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

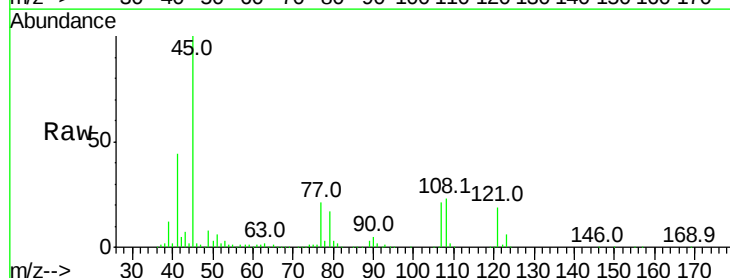
Tgt Ion: 45 Resp: 578686

Ion Ratio Lower Upper

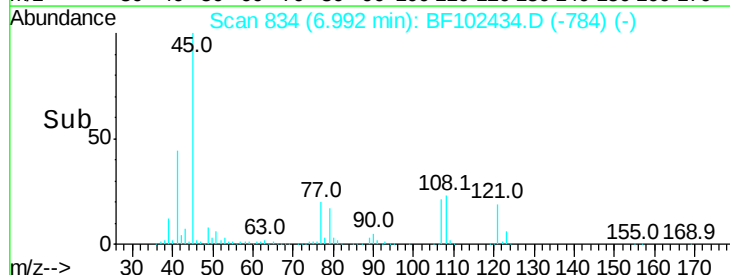
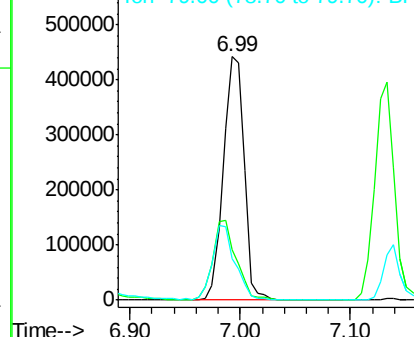
45 100

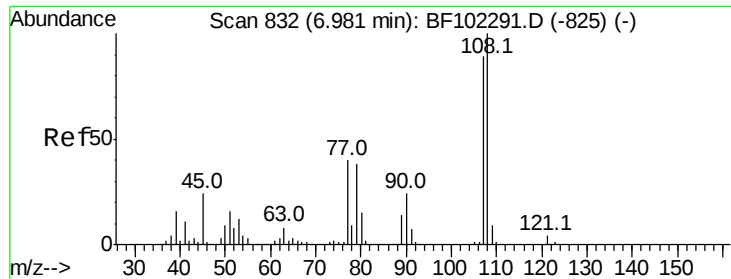
77 20.5 0.0 32.9

79 17.2 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.566 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 318935

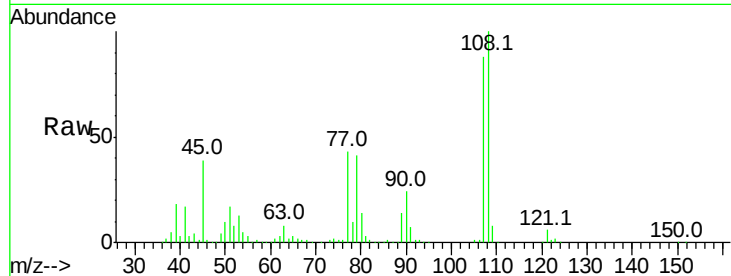
Ion Ratio Lower Upper

107 100

108 113.9 91.7 137.5

77 49.0 33.8 50.8

79 46.9 33.8 50.8

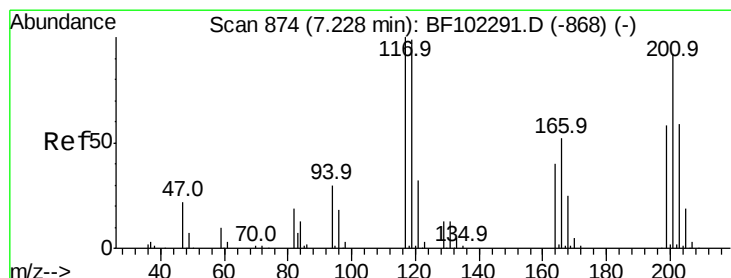
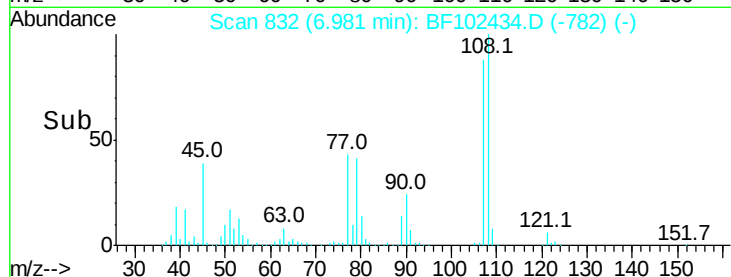
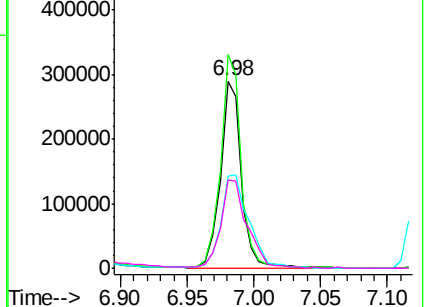


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.240 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

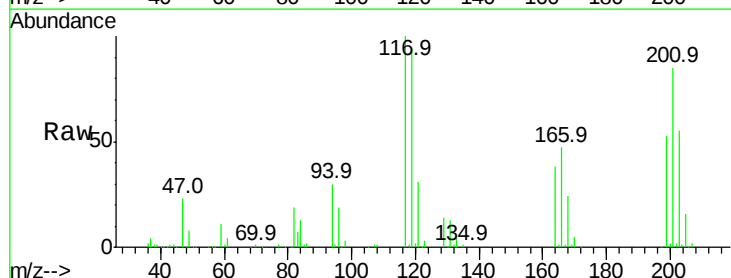
Tgt Ion:117 Resp: 143258

Ion Ratio Lower Upper

117 100

119 93.9 75.8 113.8

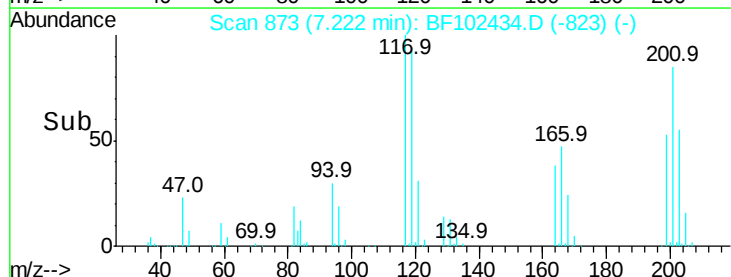
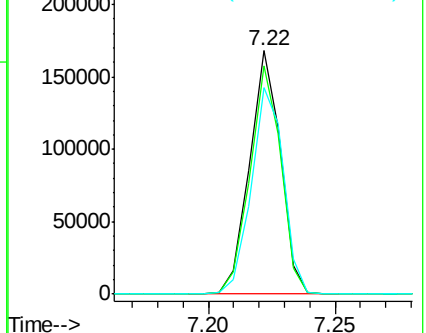
201 84.9 75.7 113.5

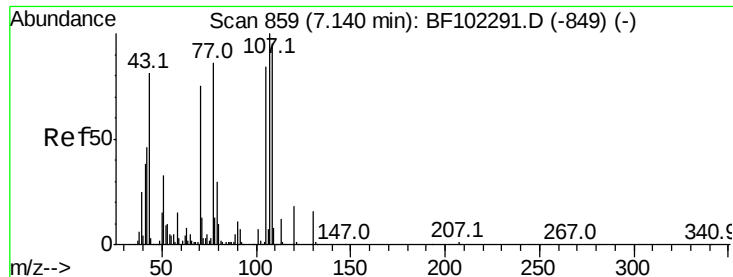


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

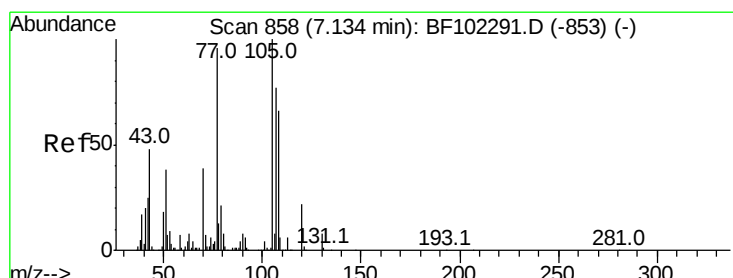
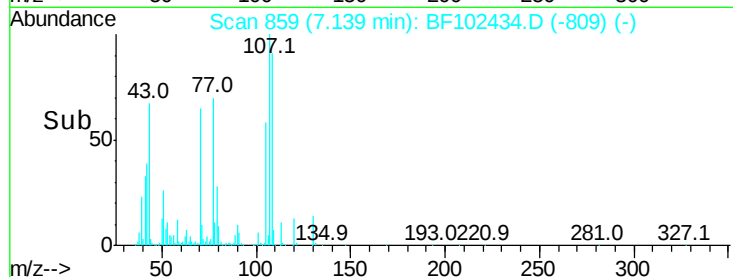
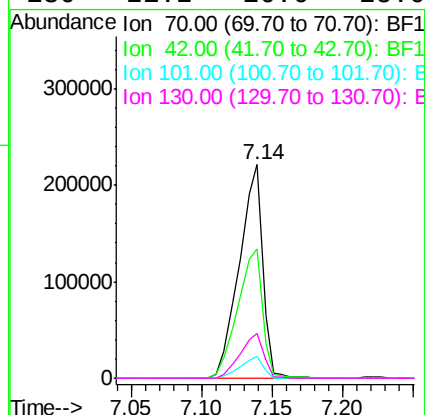
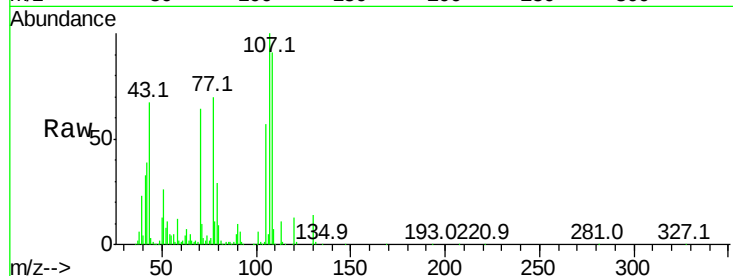




#19
n-Nitroso-di-n-propylamine
Concen: 38.169 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

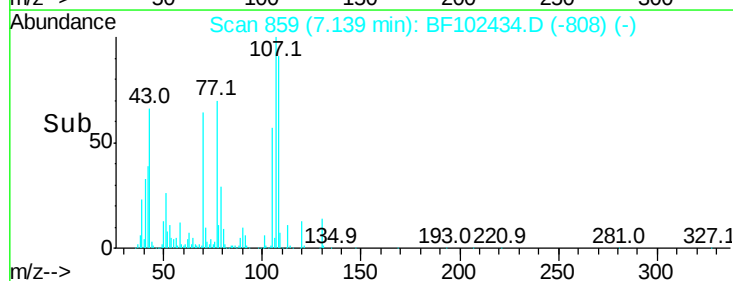
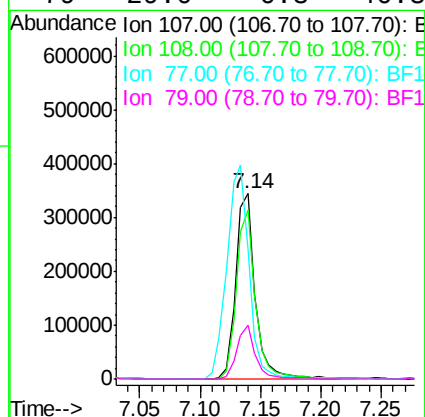
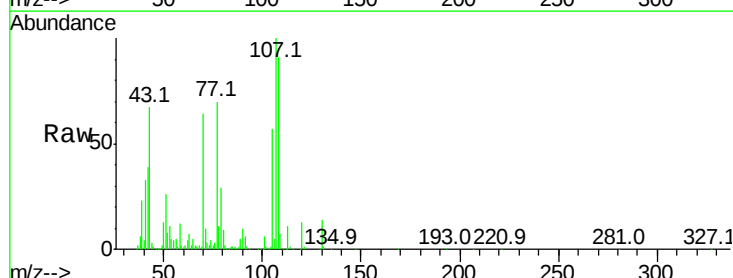
Instrument :
BNA_F
ClientSampleId :

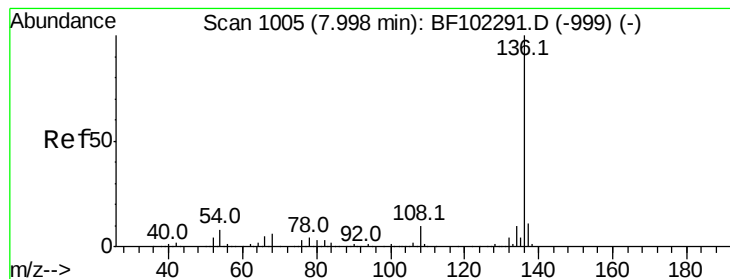
Tot Ion:	70	Resp:	255801
Ion	Ratio	Lower	Upper
70	100		
42	60.3	47.5	71.3
101	10.0	7.4	11.2
130	21.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.705 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion:	107	Resp:	386173
Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.2	108.2
77	70.0	26.7	66.7
79	29.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 578025

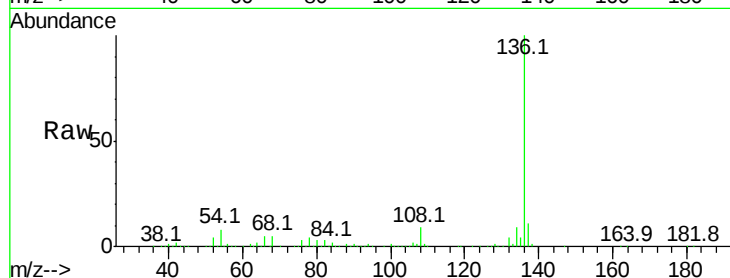
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.1 6.6 9.8

68 5.4 5.0 7.4

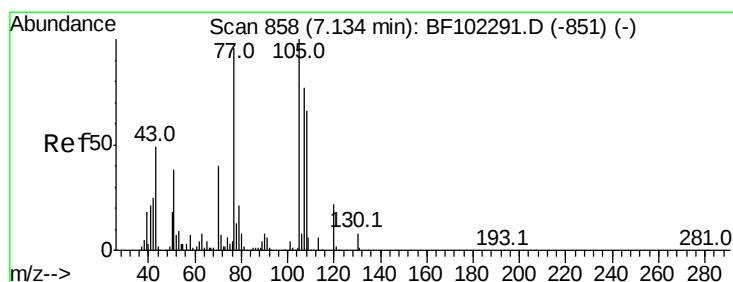
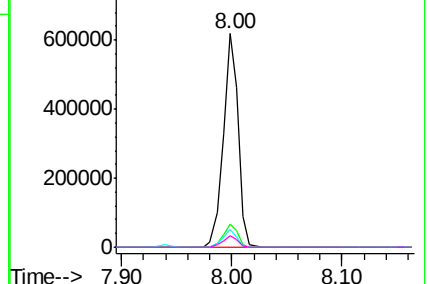
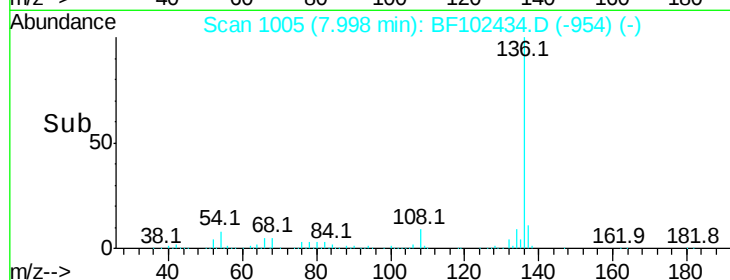


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.543 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion:105 Resp: 531096

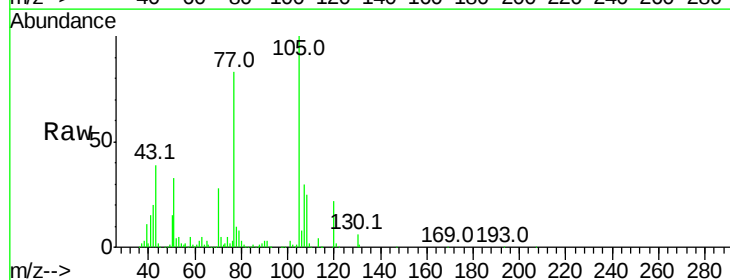
Ion Ratio Lower Upper

105 100

71 4.8 4.4 6.6

51 33.0 22.3 33.5

120 21.6 16.9 25.3

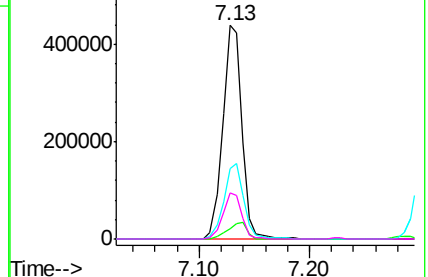
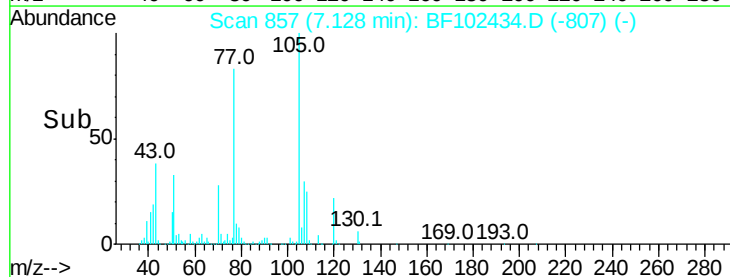


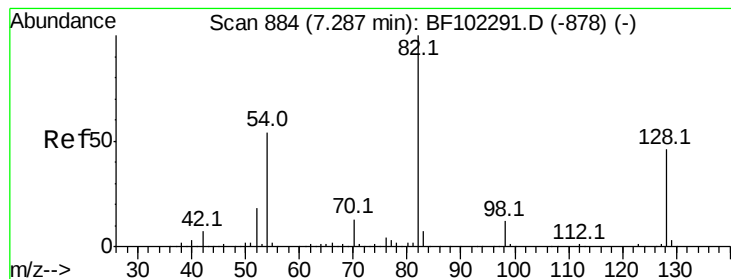
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.896 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampled :

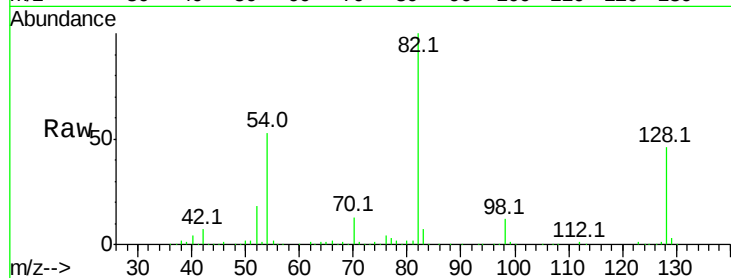
Tot Ion: 82 Resp: 763390

Ion Ratio Lower Upper

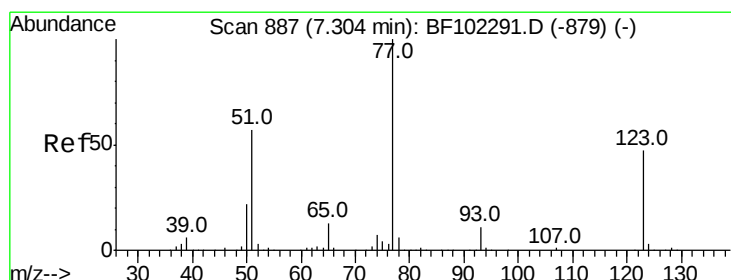
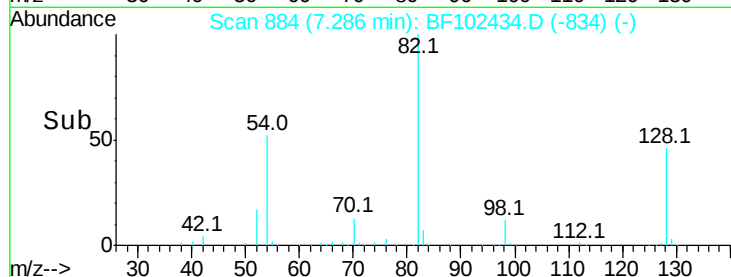
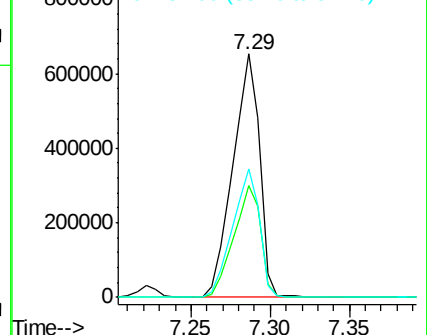
82 100

128 46.0 36.1 54.1

54 52.7 41.4 62.2



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: 38.058 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

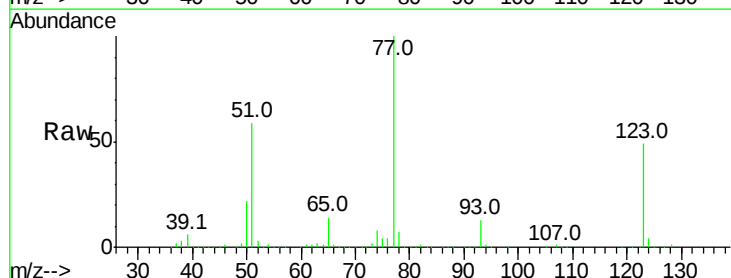
Tgt Ion: 77 Resp: 391750

Ion Ratio Lower Upper

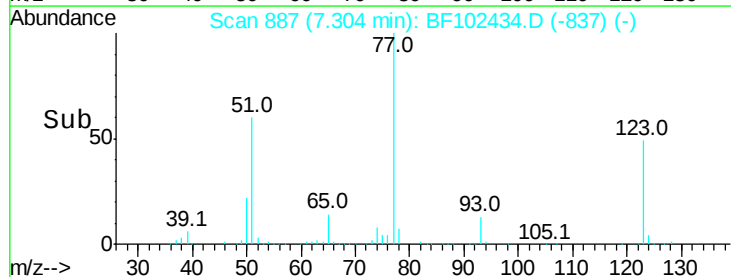
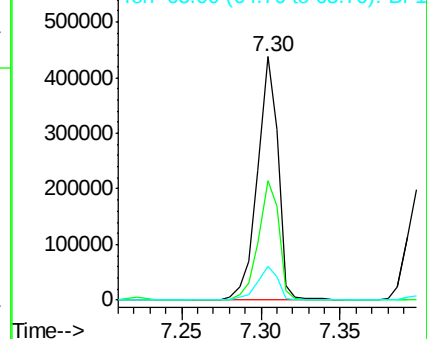
77 100

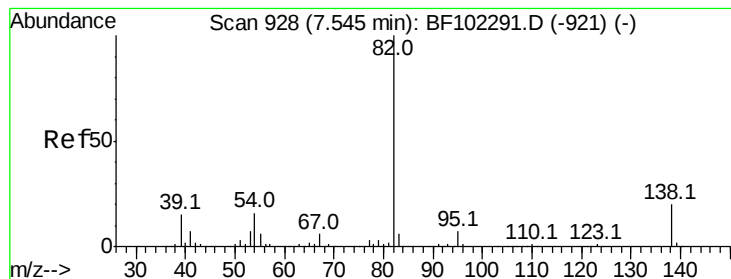
123 49.2 37.9 56.9

65 13.9 11.0 16.4



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: 40.444 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

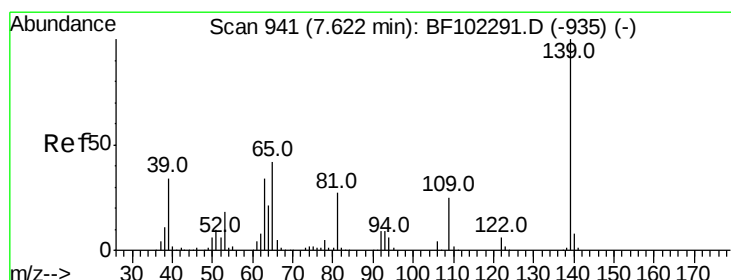
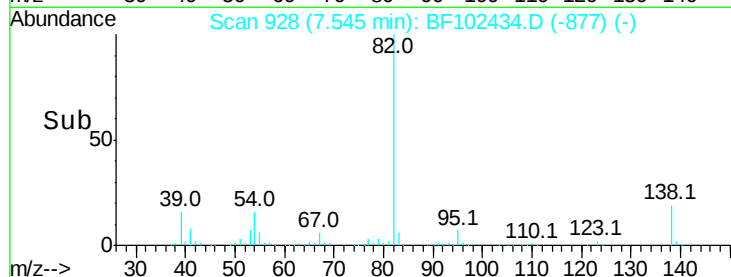
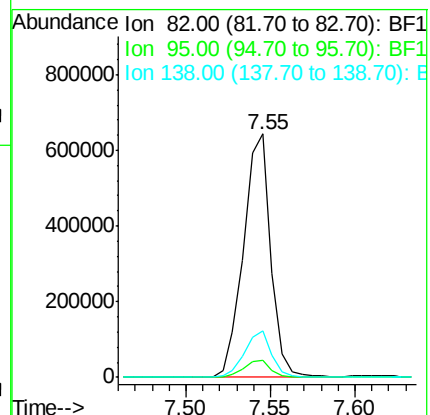
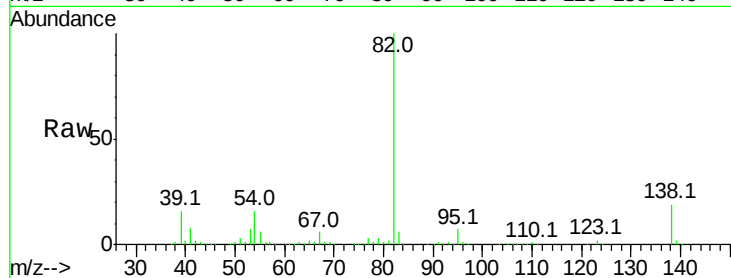
Tot Ion: 82 Resp: 725235

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 40.463 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

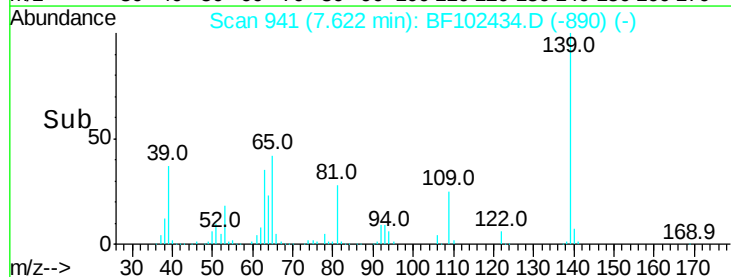
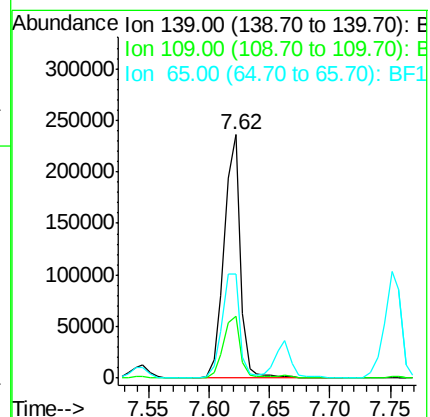
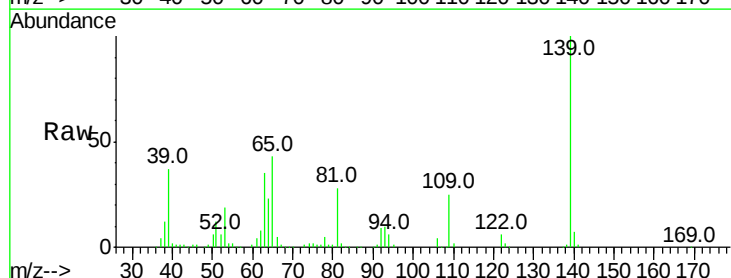
Tgt Ion: 139 Resp: 219210

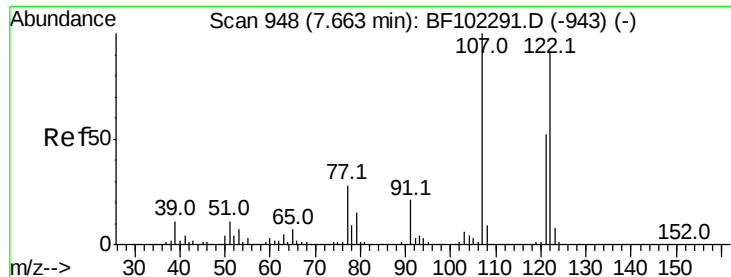
Ion Ratio Lower Upper

139 100

109 25.3 22.7 34.1

65 42.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.334 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampled :

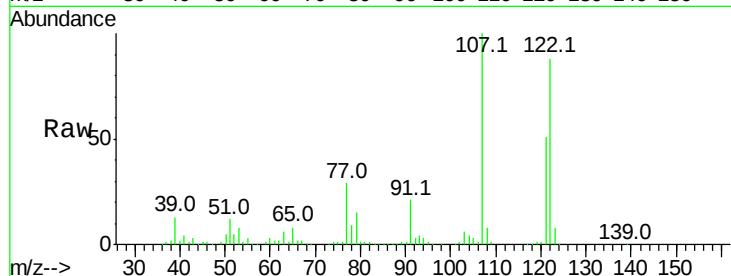
Tot Ion:122 Resp: 348756

Ion Ratio Lower Upper

122 100

107 113.2 91.2 136.8

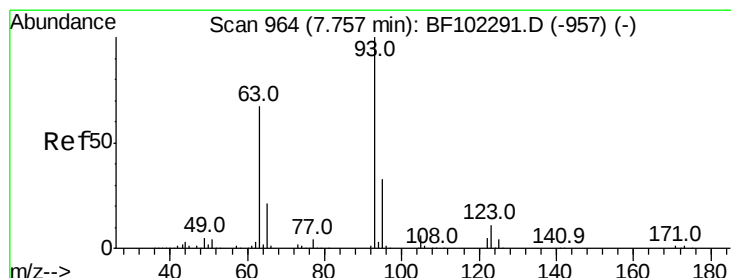
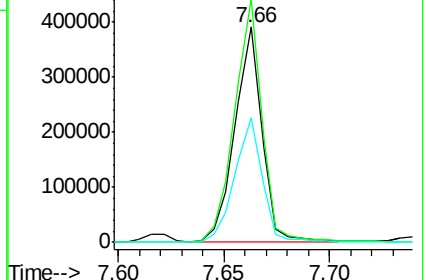
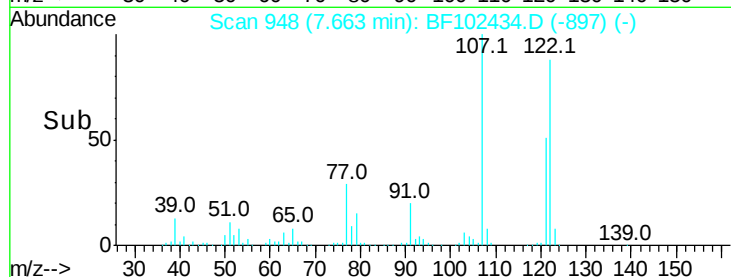
121 58.2 47.2 70.8



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: 41.598 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

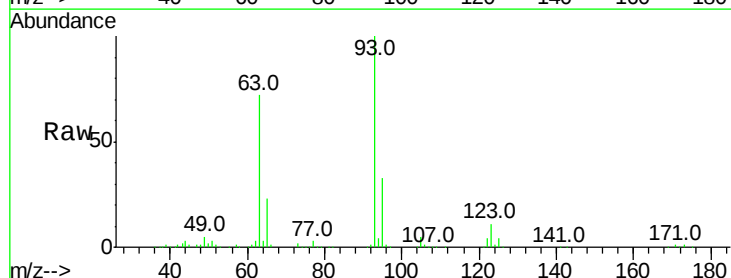
Tgt Ion: 93 Resp: 460776

Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

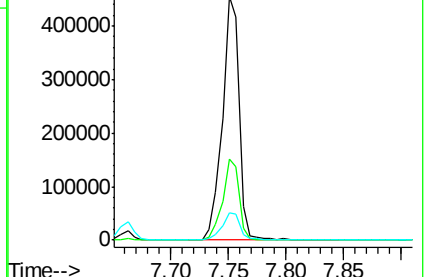
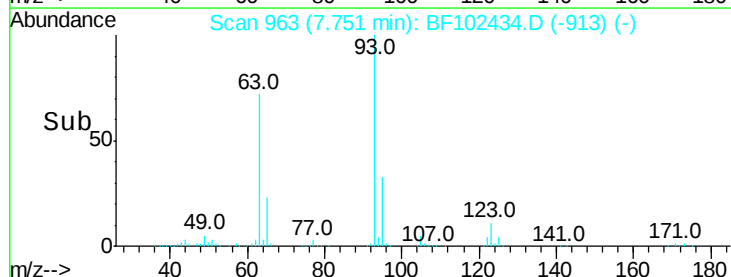
123 11.4 9.8 14.6

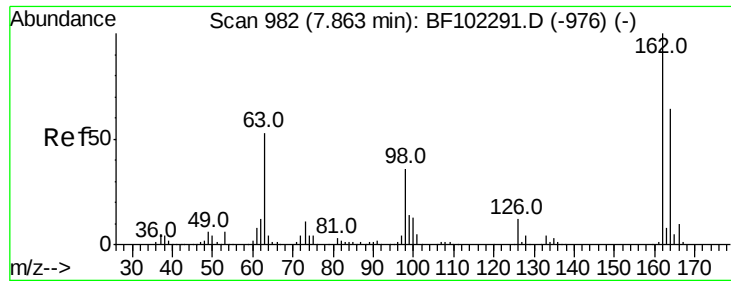


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

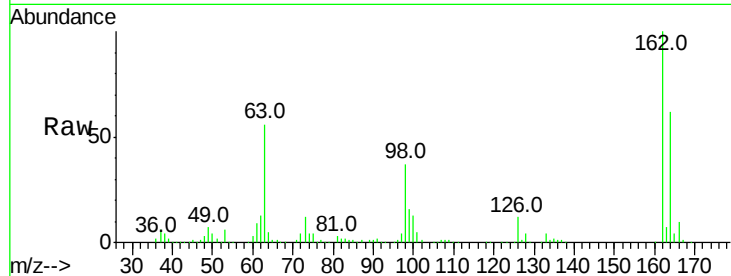




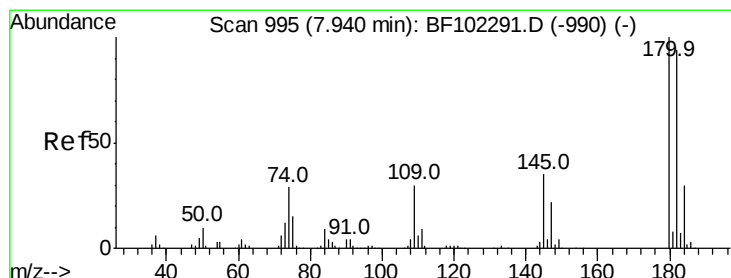
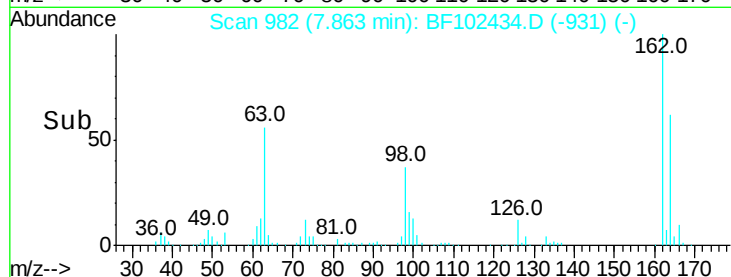
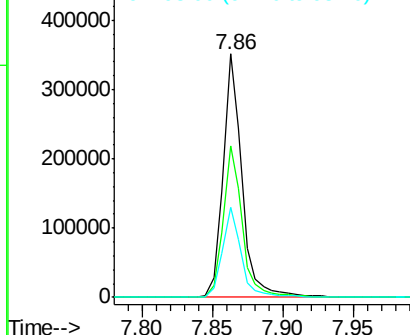
#29
 2,4-Dichlorophenol
 Concen: 41.045 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.7	82.7
98	37.0	18.1	58.1

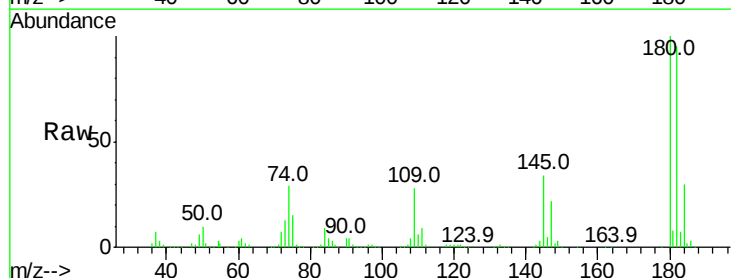


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

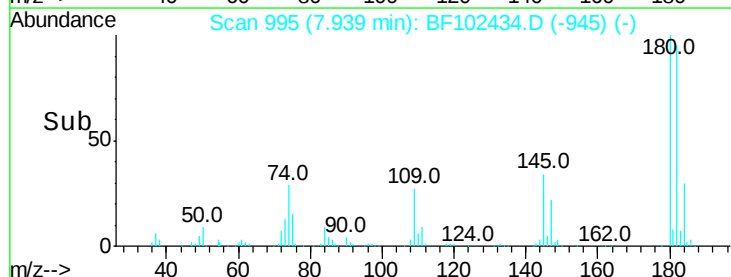
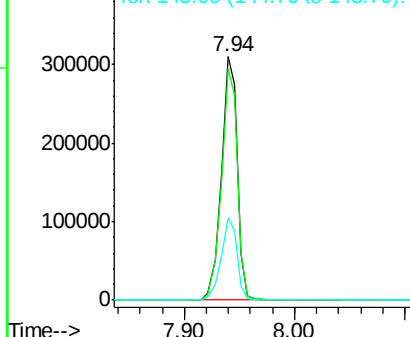


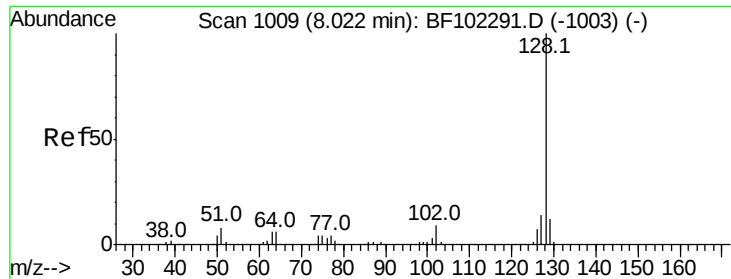
#30
 1,2,4-Trichlorobenzene
 Concen: 36.227 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.8	115.2
145	33.6	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

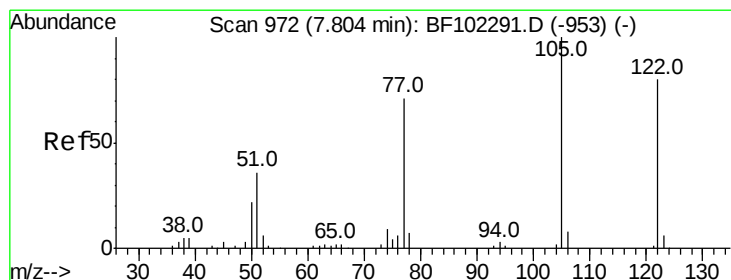
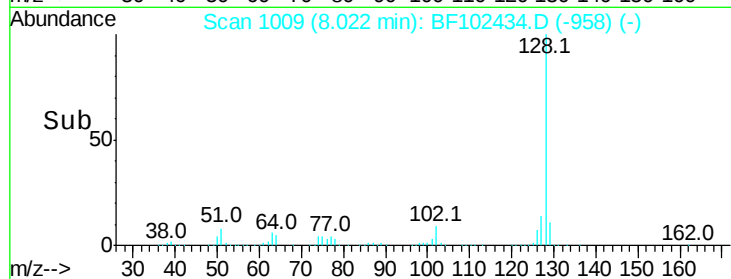
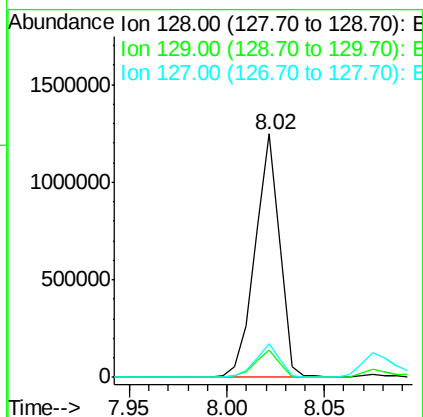
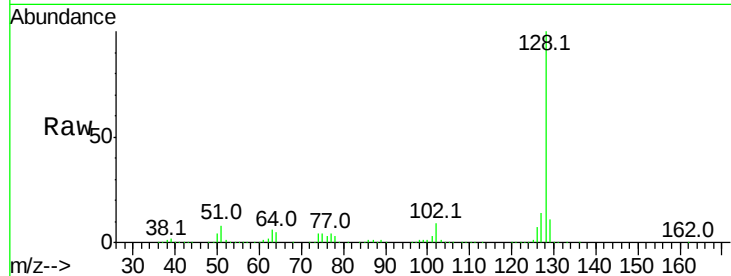




#31
Naphthalene
Concen: 37.629 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

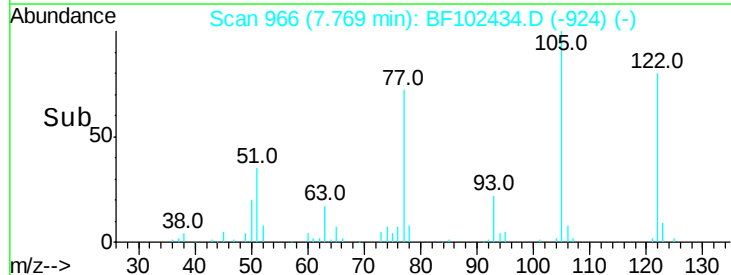
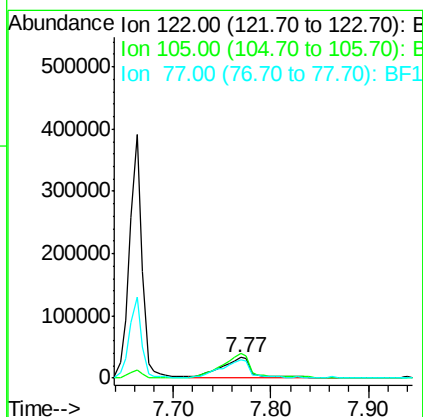
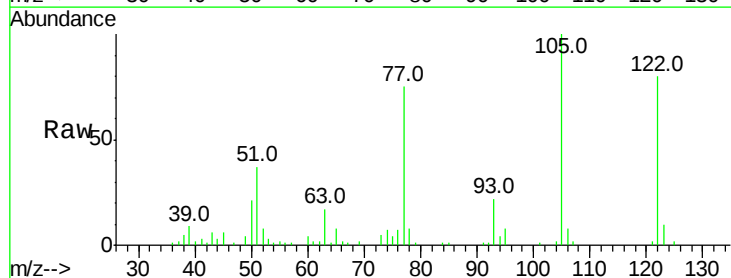
Instrument :
BNA_F
ClientSampleId :

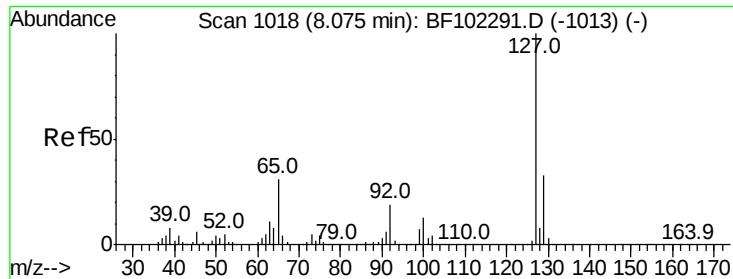
Tot Ion:128 Resp: 1085981
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 10.466 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.05 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion:122 Resp: 68981
Ion Ratio Lower Upper
122 100
105 125.1 101.1 141.1
77 93.4 70.7 110.7

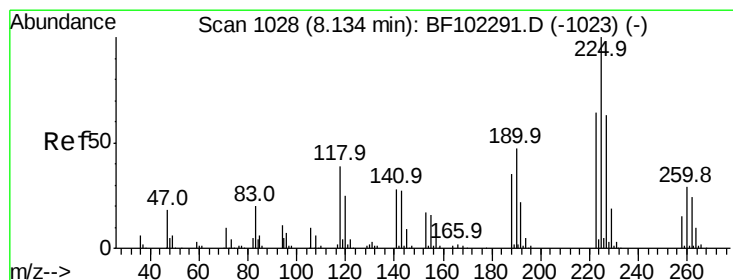
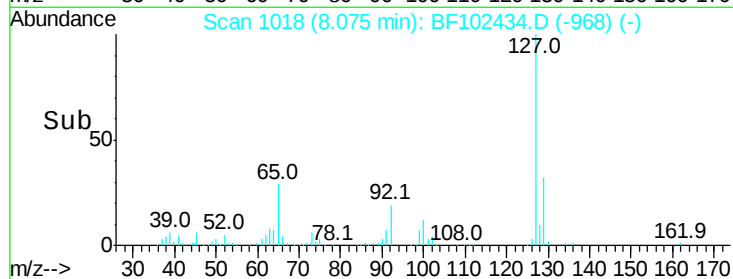
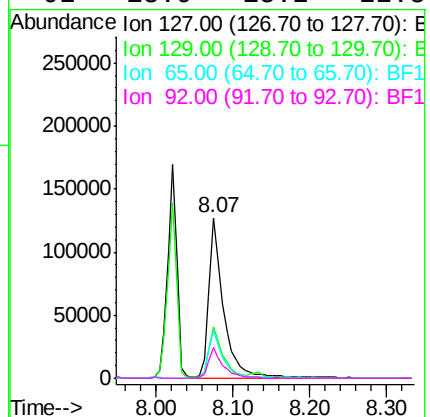
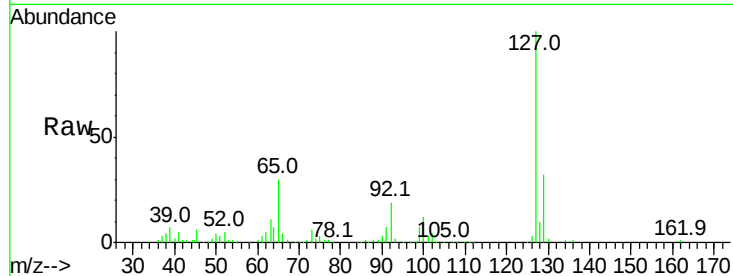




#33
4-Chloroaniline
Concen: 13.987 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

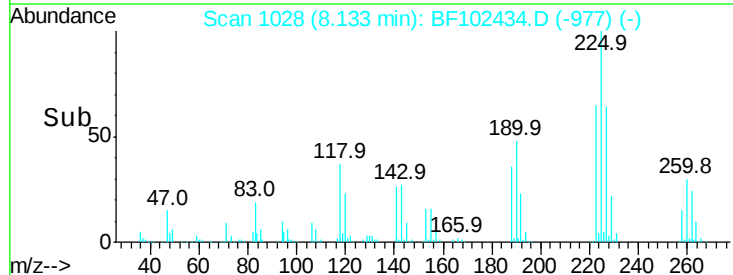
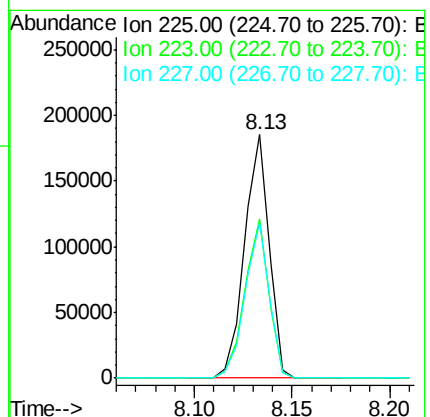
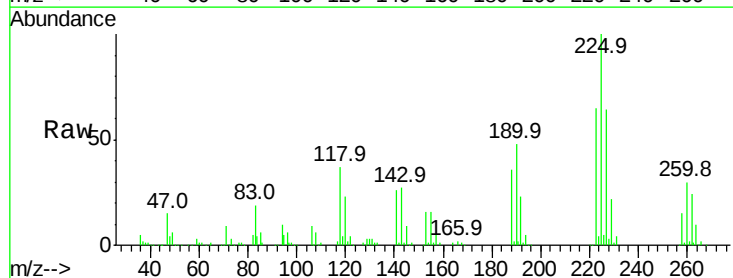
Instrument :
BNA_F
ClientSampleId :

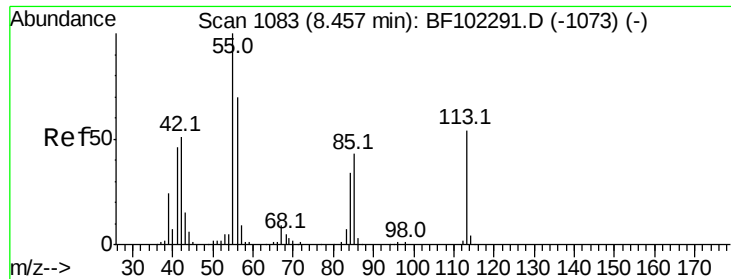
Tot Ion:	127	Resp:	169743
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	29.5	25.0	37.4
92	18.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.318 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion:	225	Resp:	162027
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.6	76.0
227	64.0	51.9	77.9

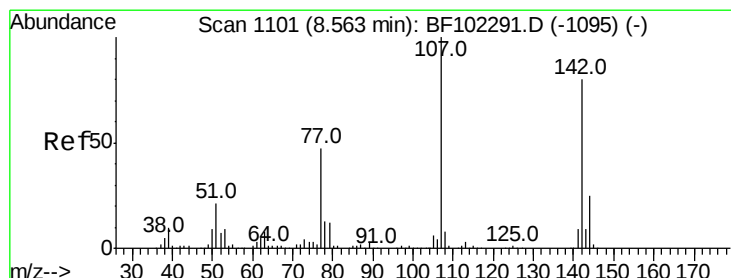
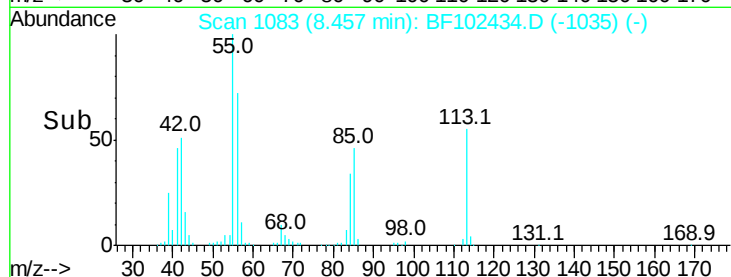
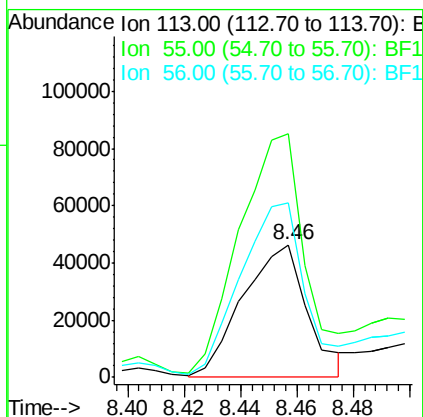
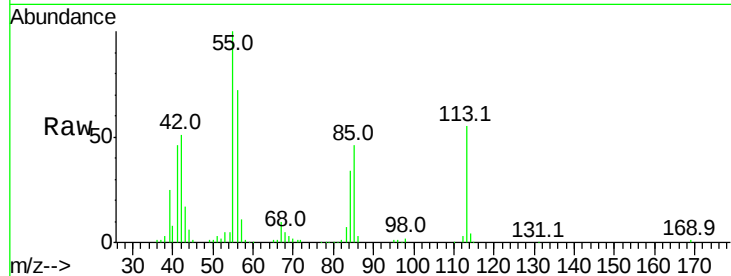




#35
 Caprolactam
 Concen: 27.816 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

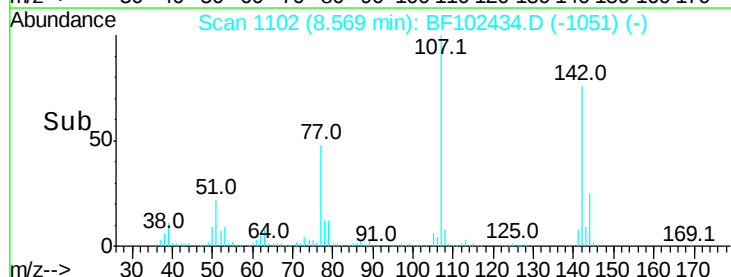
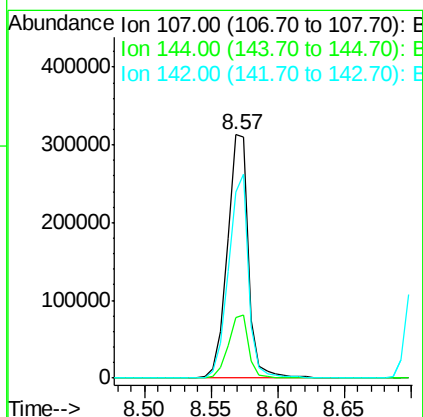
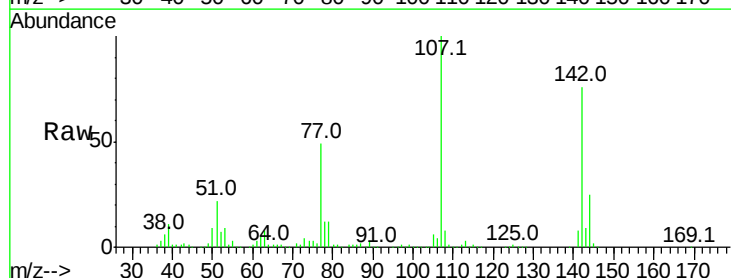
Instrument :
 BNA_F
 ClientSampleId :

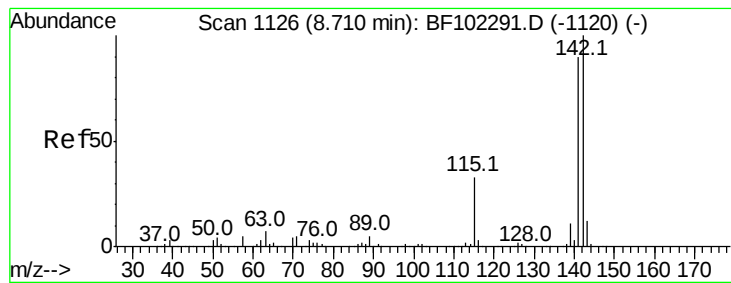
Tot Ion:113 Resp: 73614
 Ion Ratio Lower Upper
 113 100
 55 183.2 163.3 203.3
 56 131.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.518 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion:107 Resp: 350683
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 76.3 62.0 93.0

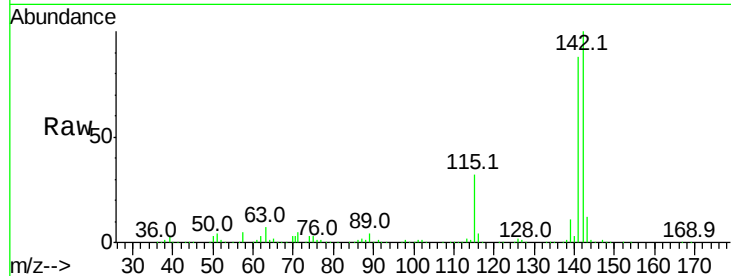




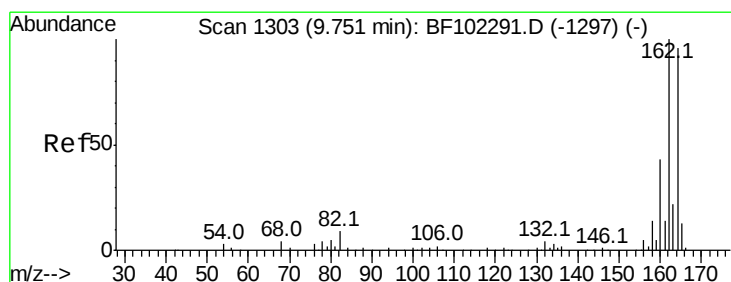
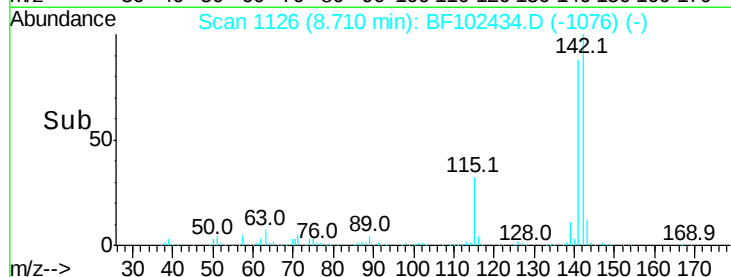
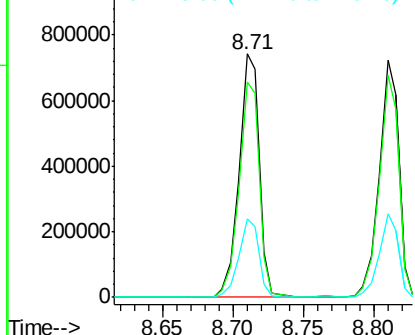
#37
2-Methylnaphthalene
Concen: 38.374 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	32.4	26.1	39.1

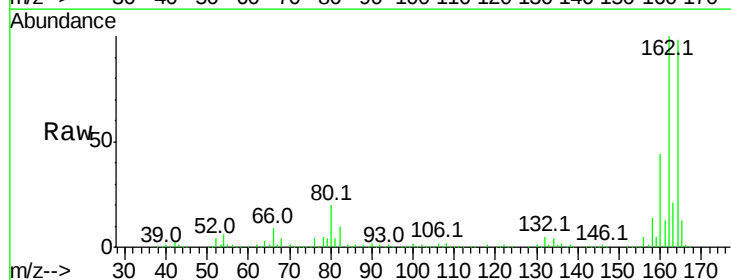


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

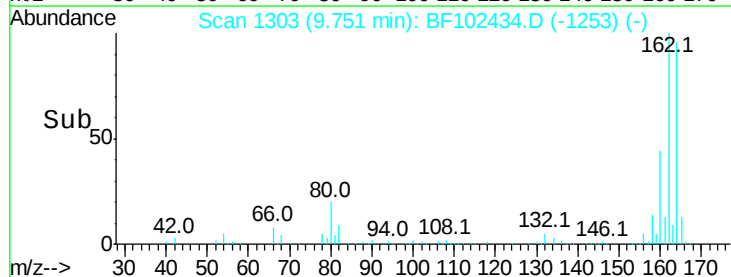
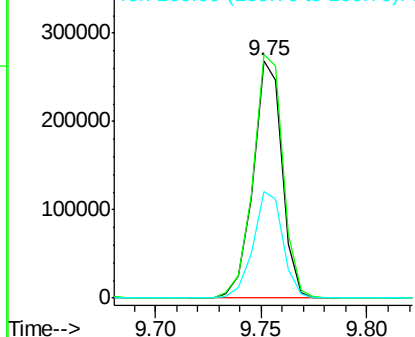


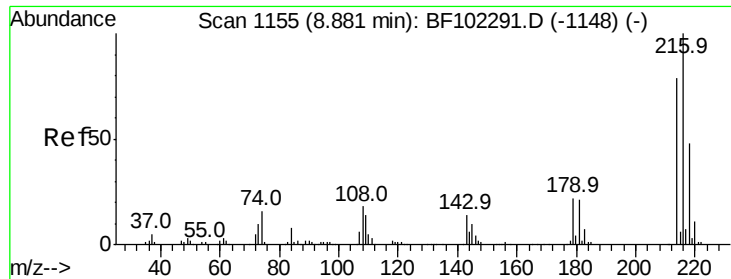
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	44.9	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.017 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 286812

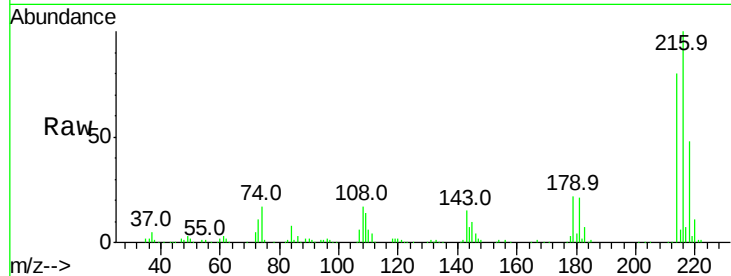
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 23.1 18.1 27.1

108 22.4 17.2 25.8

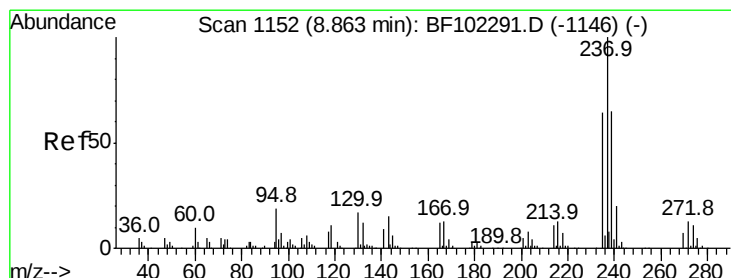
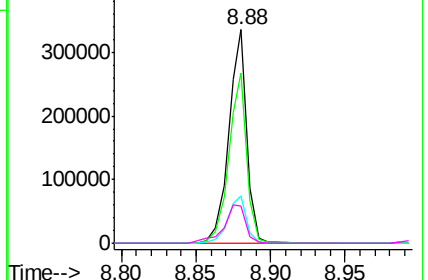
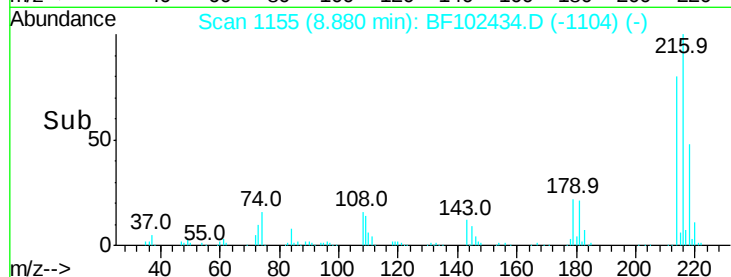


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 51.024 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

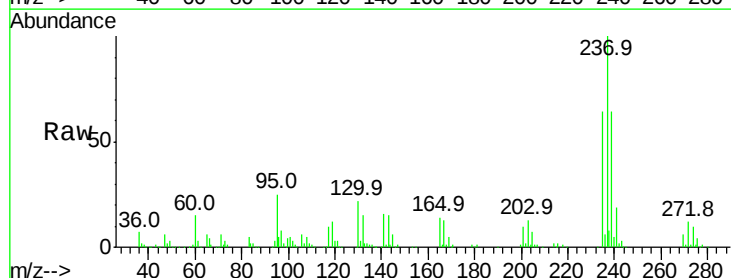
Tgt Ion:237 Resp: 176927

Ion Ratio Lower Upper

237 100

235 63.9 44.8 84.8

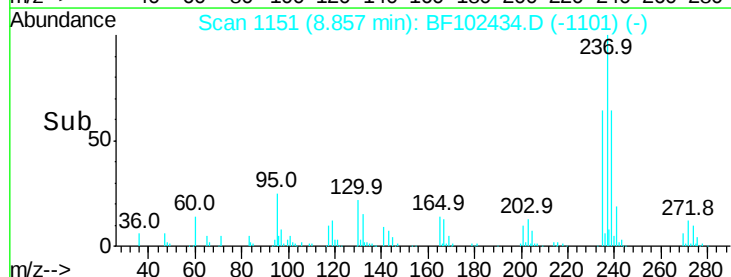
272 11.9 0.0 33.3



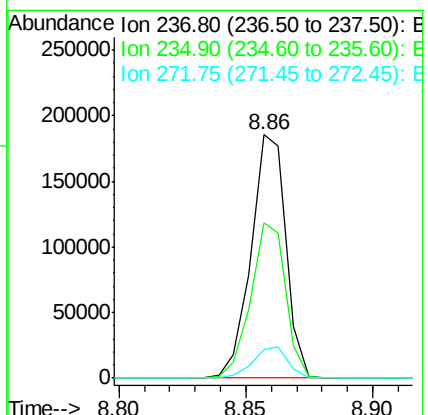
Abundance Ion 236.80 (236.50 to 237.50): E

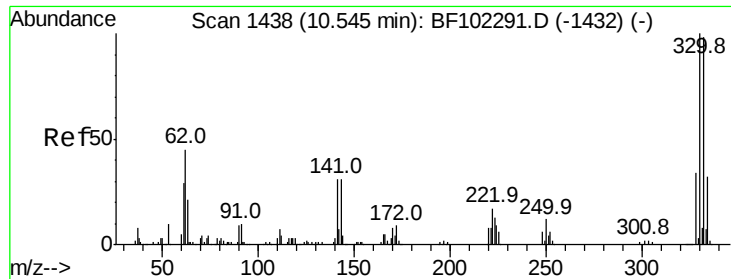
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

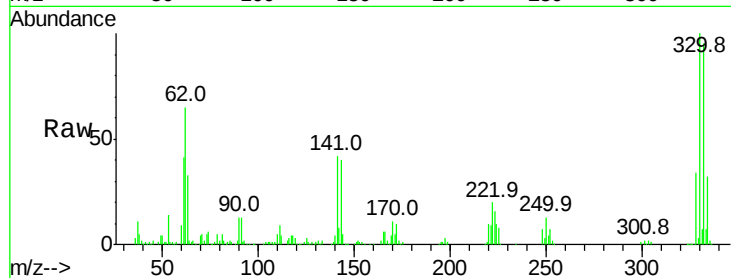




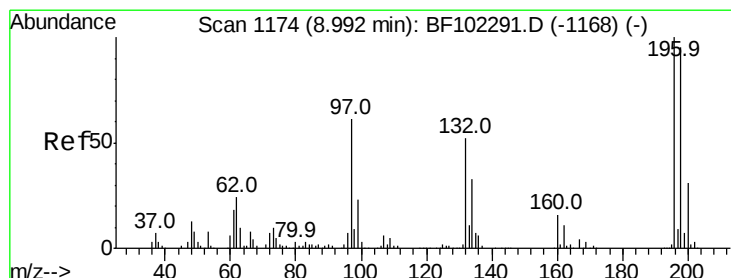
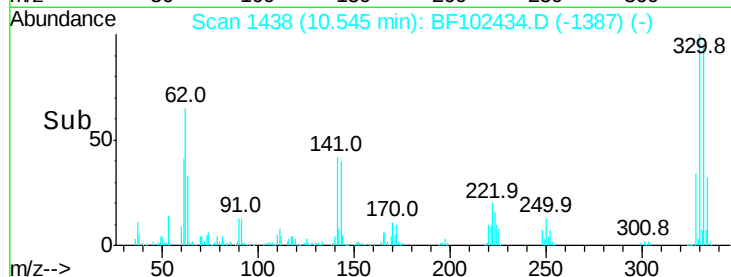
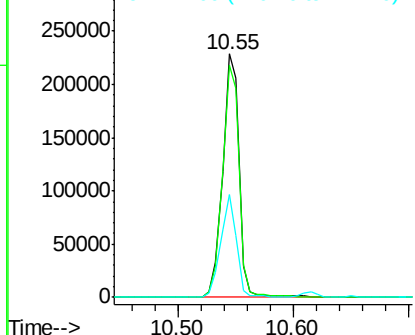
#41
 2,4,6-Tribromophenol
 Concen: 89.168 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	40.4	29.9	44.9

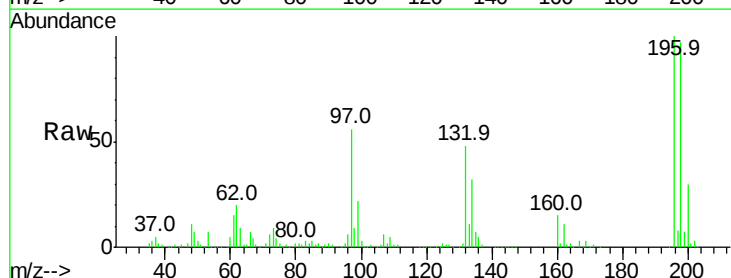


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

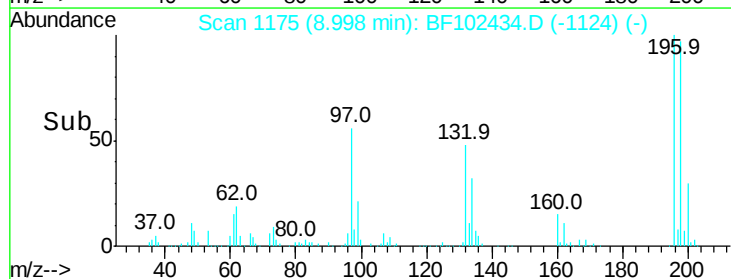
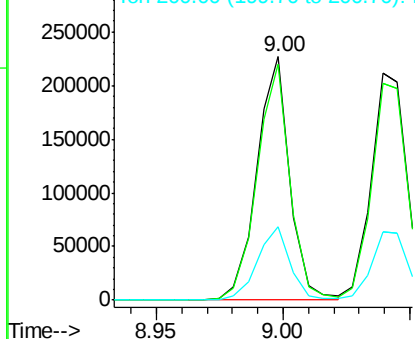


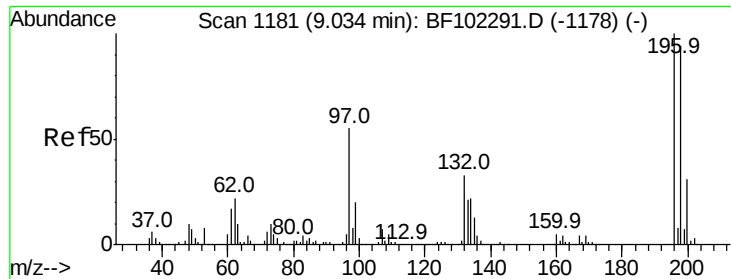
#42
 2,4,6-Trichlorophenol
 Concen: 39.355 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.7	113.5
200	29.9	24.5	36.7



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

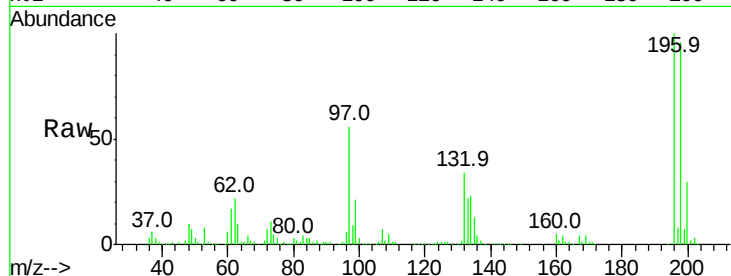




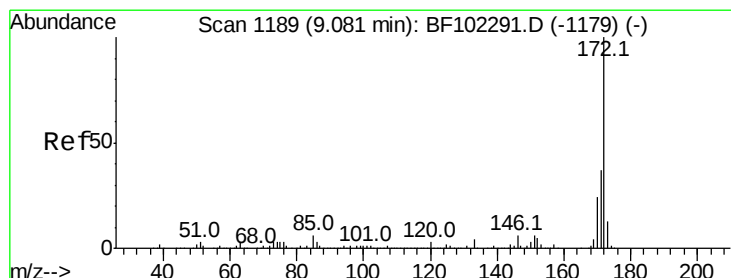
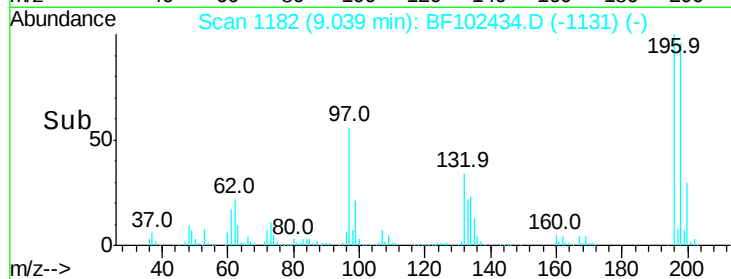
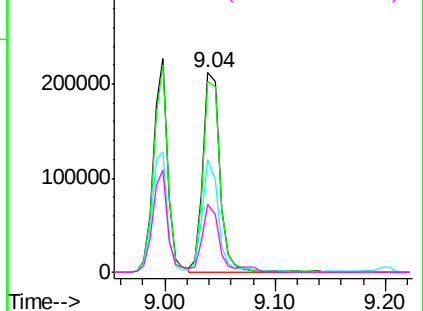
#43
 2,4,5-Trichlorophenol
 Concen: 37.182 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	217144
Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.6	112.0
97	56.5	42.9	64.3
132	34.2	26.3	39.5

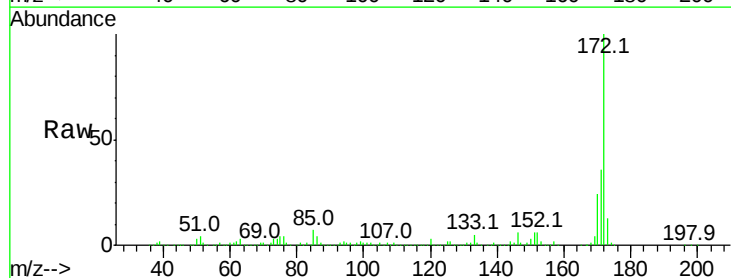


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

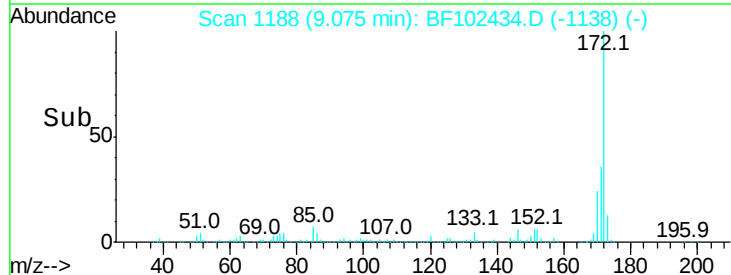
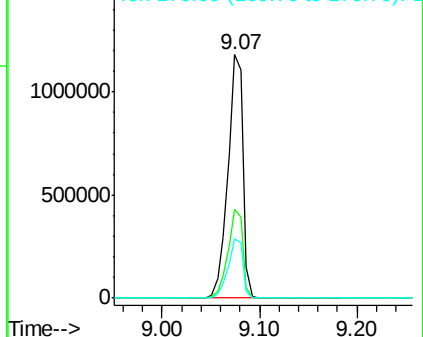


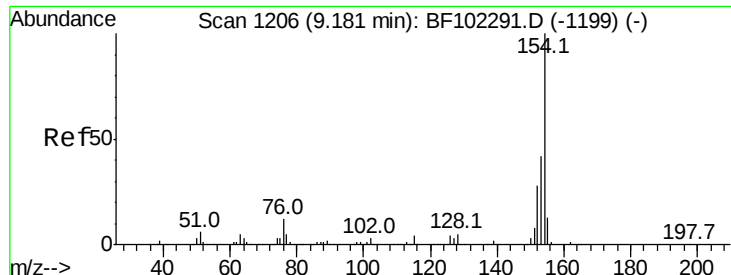
#44
 2-Fluorobiphenyl
 Concen: 72.057 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion:	172	Resp:	1262086
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.890 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

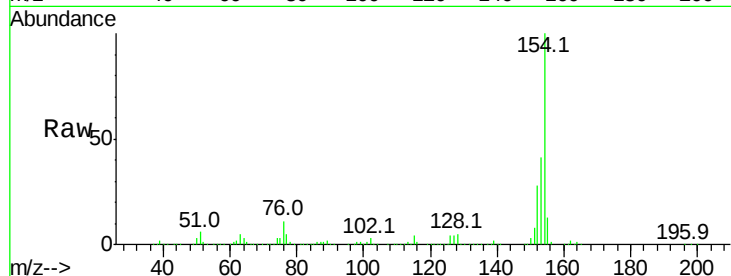
Tot Ion:154 Resp: 849492

Ion Ratio Lower Upper

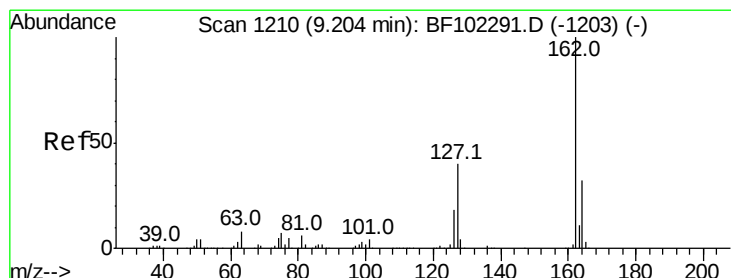
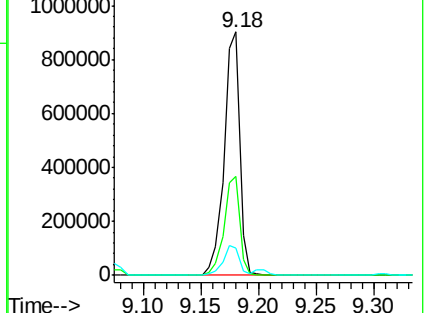
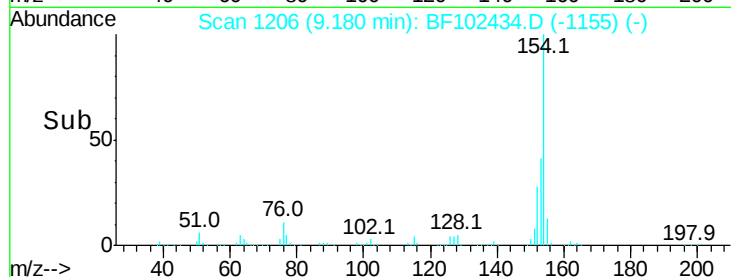
154 100

153 40.8 21.3 61.3

76 11.4 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.754 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

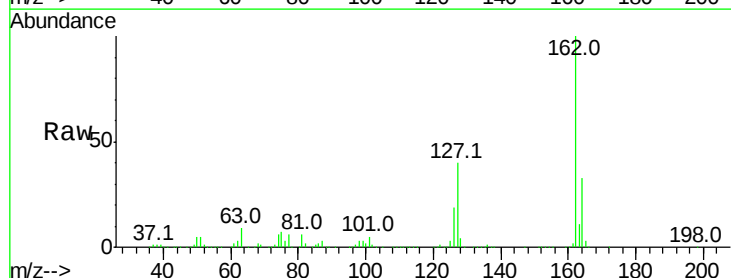
Tgt Ion:162 Resp: 657867

Ion Ratio Lower Upper

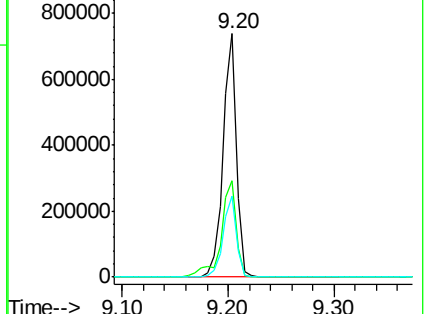
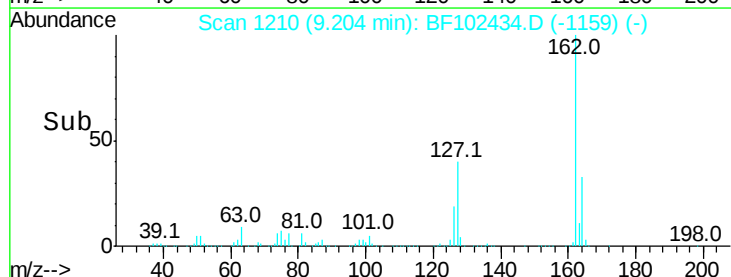
162 100

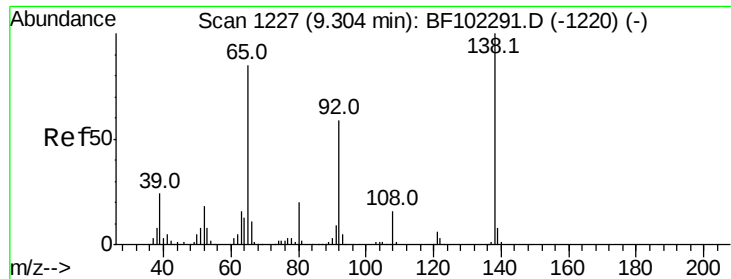
127 39.6 33.9 50.9

164 33.2 26.5 39.7



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

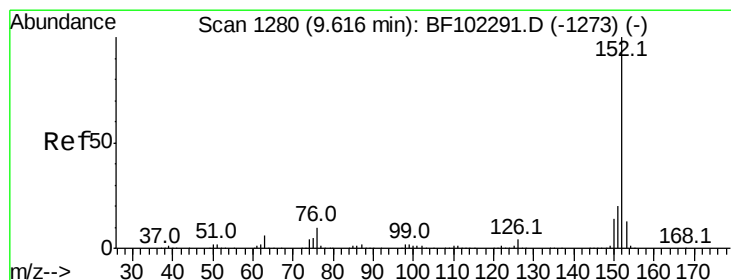
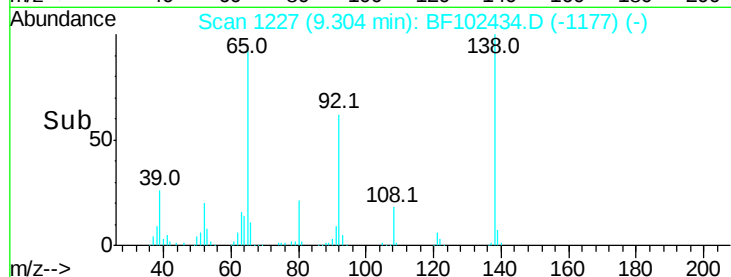
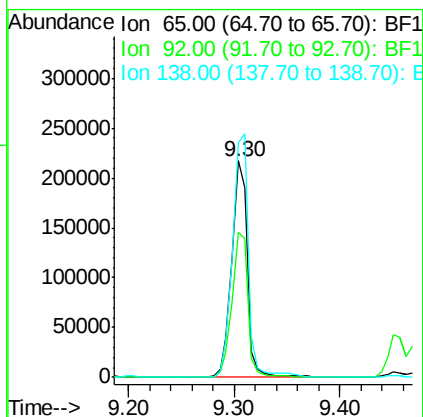
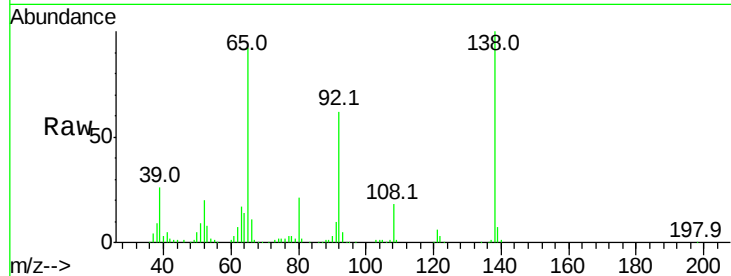




#47
2-Nitroaniline
Concen: 39.790 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

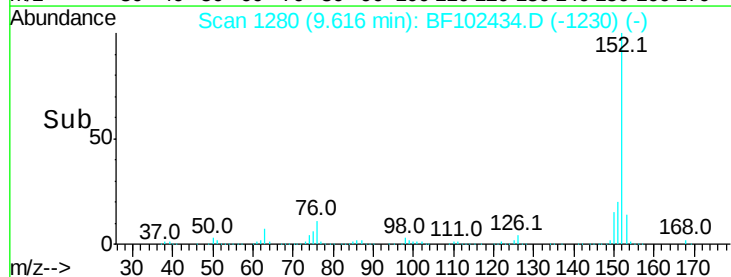
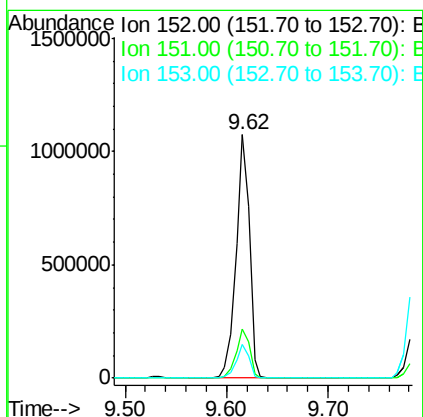
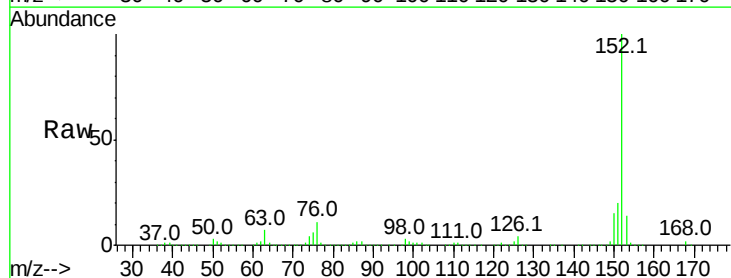
Instrument :
BNA_F
ClientSampleId :

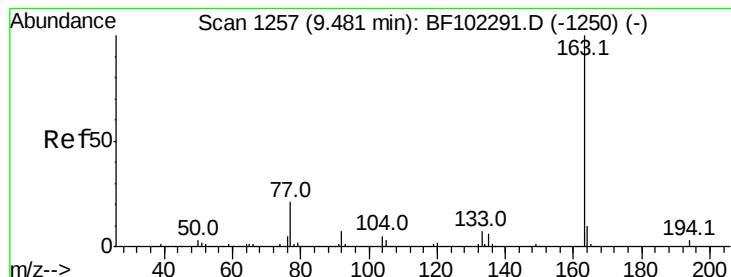
Tot Ion: 65 Resp: 222042
Ion Ratio Lower Upper
65 100
92 66.9 55.8 83.6
138 108.7 91.2 136.8



#48
Acenaphthylene
Concen: 35.345 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion: 152 Resp: 985610
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.7 10.7 16.1





#49

Dimethylphthalate

Concen: 53.100 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

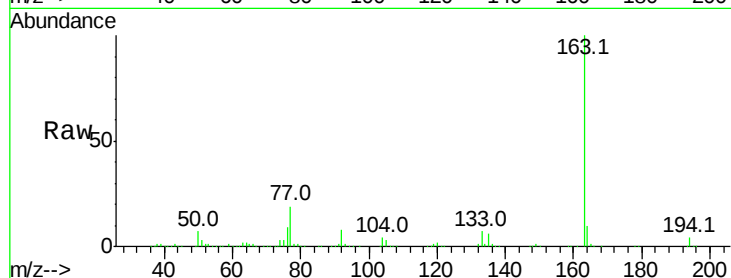
Tot Ion:163 Resp: 1130339

Ion Ratio Lower Upper

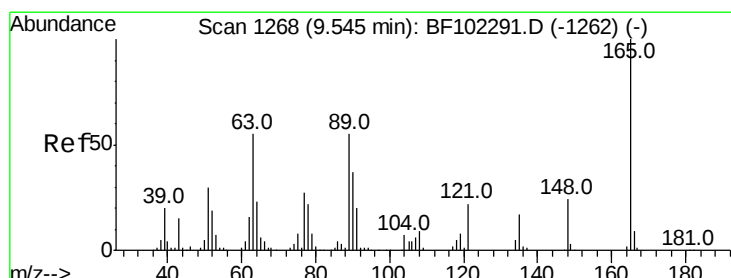
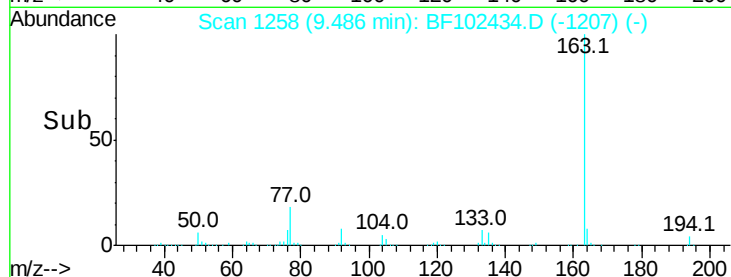
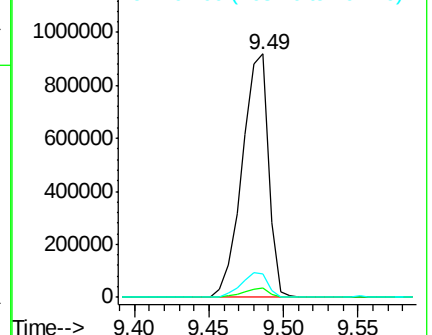
163 100

194 3.6 2.7 4.1

164 9.6 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 38.428 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

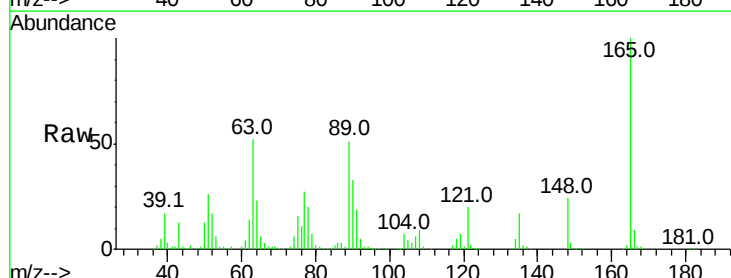
Tgt Ion:165 Resp: 176362

Ion Ratio Lower Upper

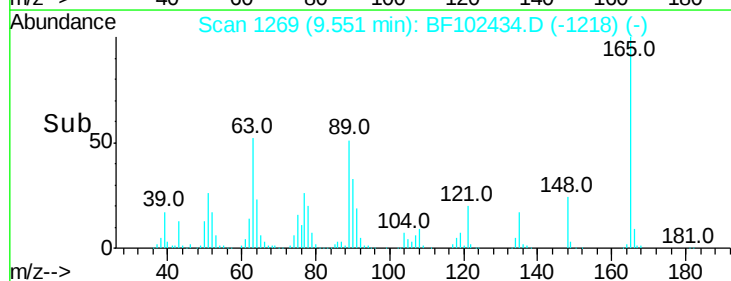
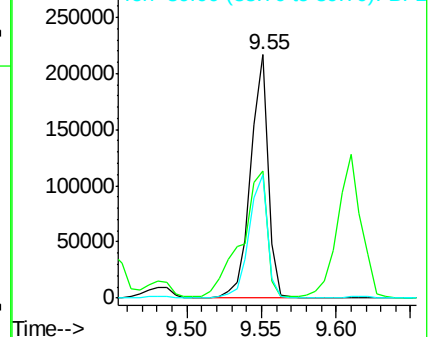
165 100

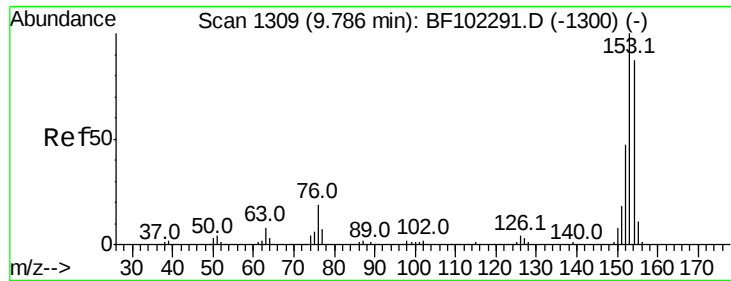
63 52.2 44.7 67.1

89 50.7 44.0 66.0



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





#51

Acenaphthene

Concen: 35.835 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

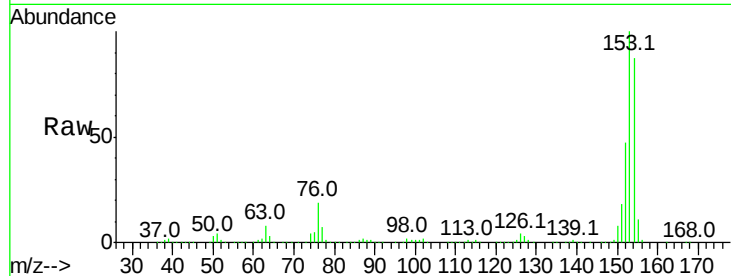
Tot Ion:154 Resp: 583604

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

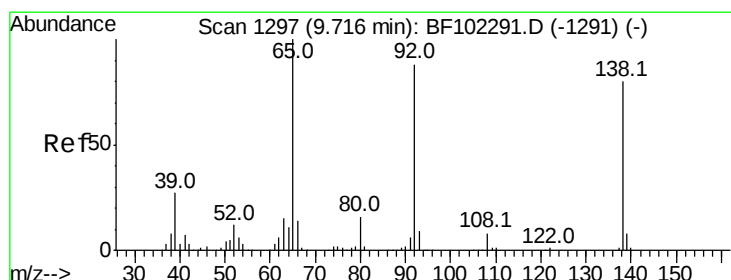
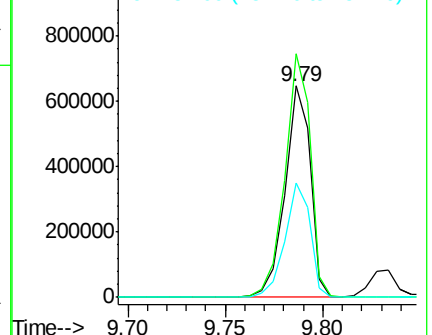
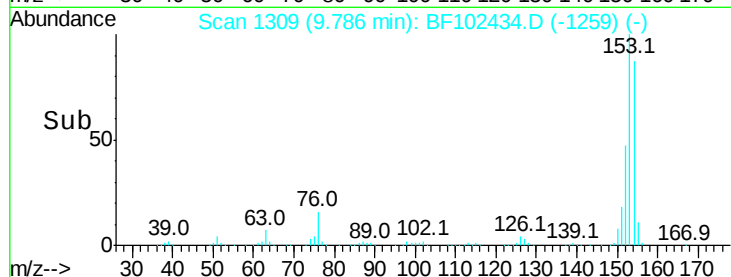
152 54.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.564 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

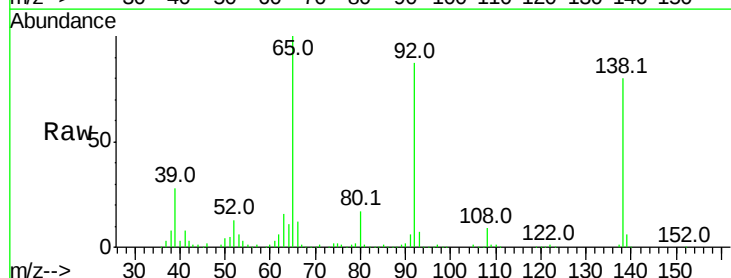
Tgt Ion:138 Resp: 127933

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

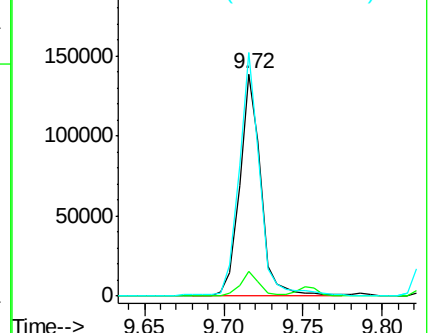
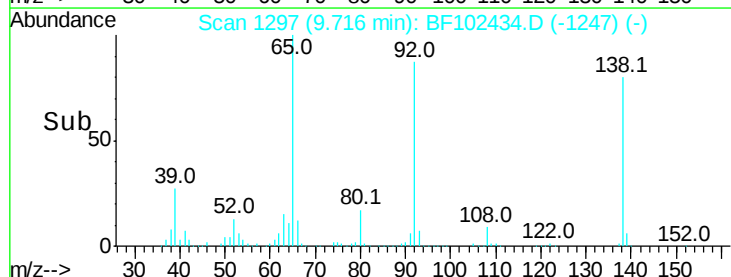
92 109.7 89.4 134.2

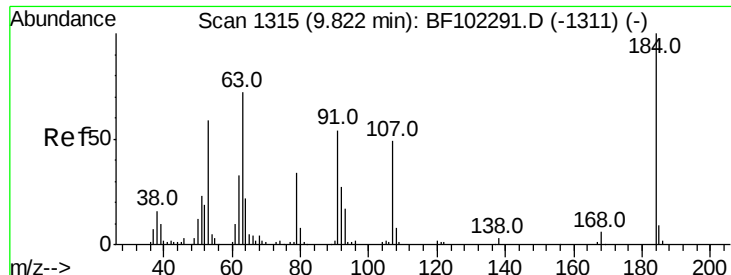


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

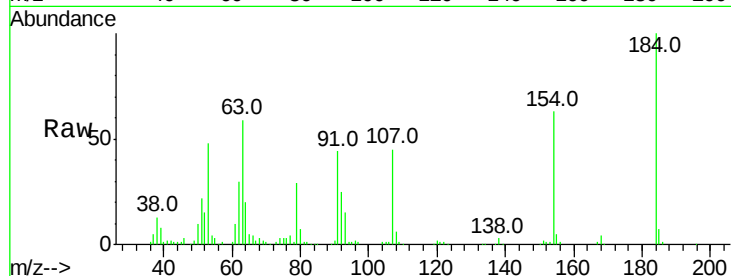




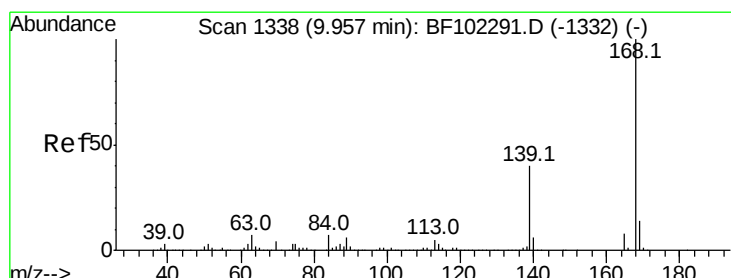
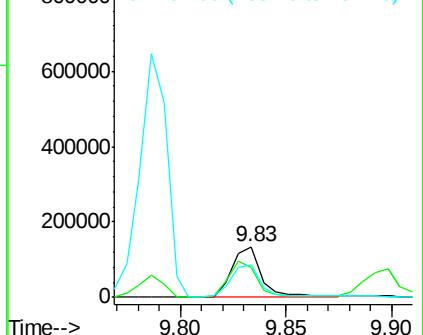
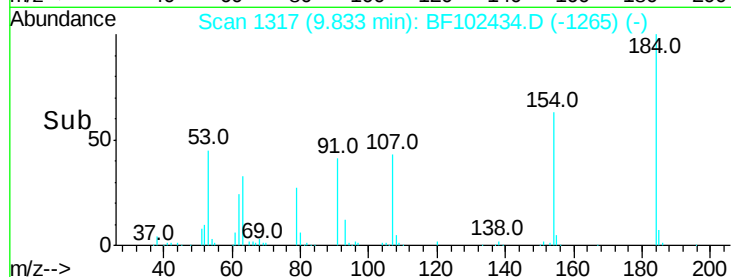
#53
2,4-Dinitrophenol
Concen: 64.703 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 131710
Ion Ratio Lower Upper
184 100
63 59.2 54.2 81.2
154 62.8 184.0 276.0#

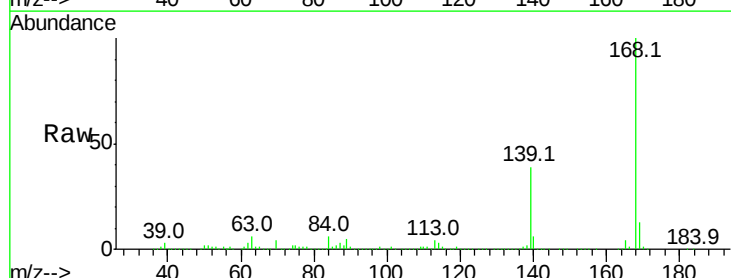


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

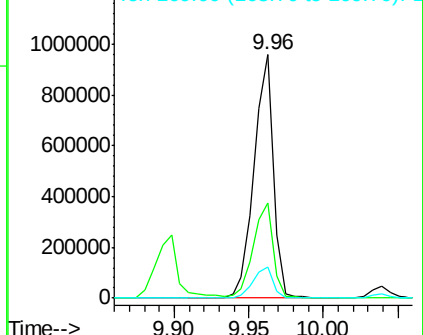
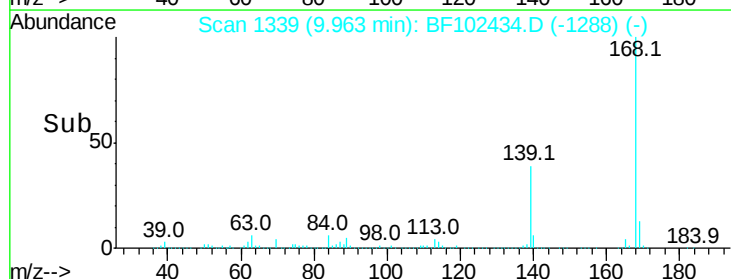


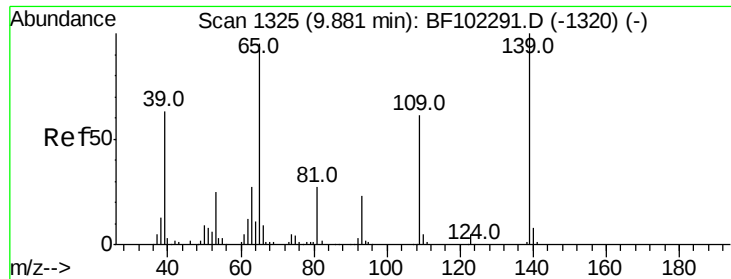
#54
Dibenzofuran
Concen: 38.756 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion:168 Resp: 854234
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 12.8 10.9 16.3



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

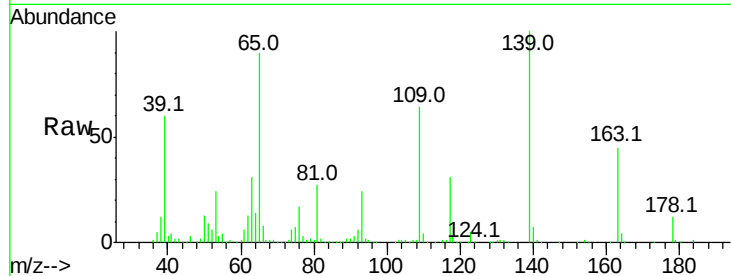




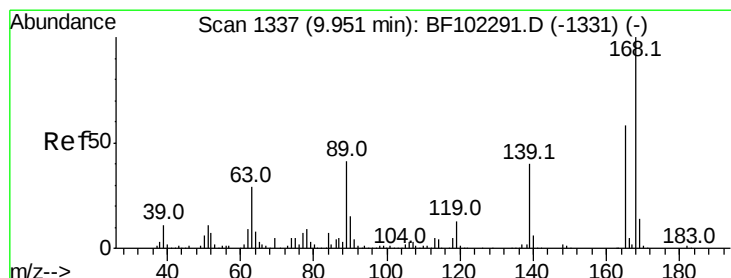
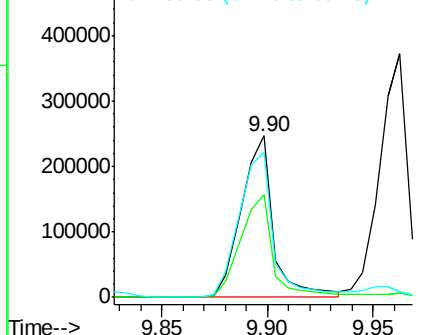
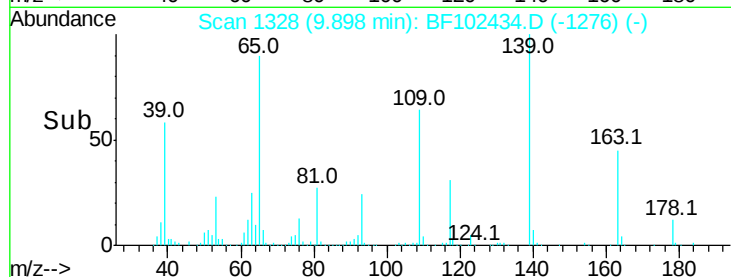
#55
4-Nitrophenol
Concen: 71.920 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 257749
Ion Ratio Lower Upper
139 100
109 64.0 48.4 88.4
65 90.1 72.6 112.6

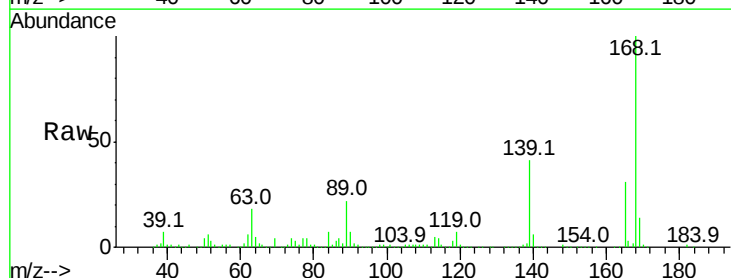


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

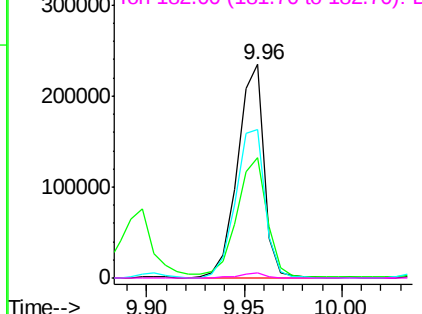
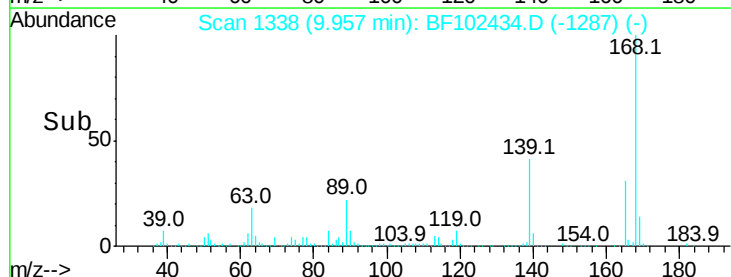


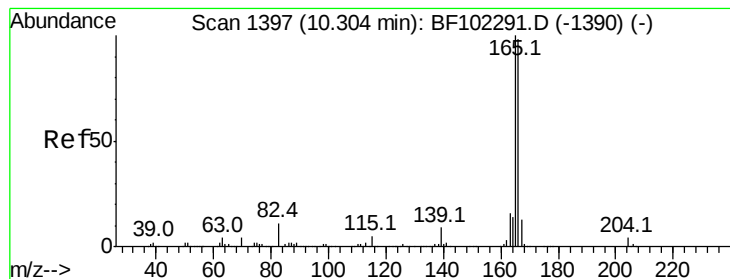
#56
2,4-Dinitrotoluene
Concen: 39.061 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion:165 Resp: 220451
Ion Ratio Lower Upper
165 100
63 56.1 36.4 54.6#
89 69.7 57.8 86.6
182 2.3 1.6 2.4



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





#57

Fluorene

Concen: 38.524 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampled :

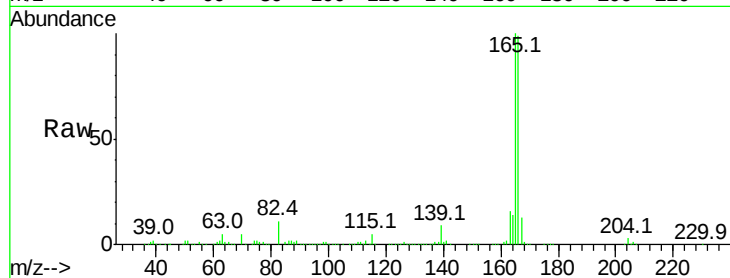
Tot Ion:166 Resp: 672834

Ion Ratio Lower Upper

166 100

165 100.9 79.8 119.8

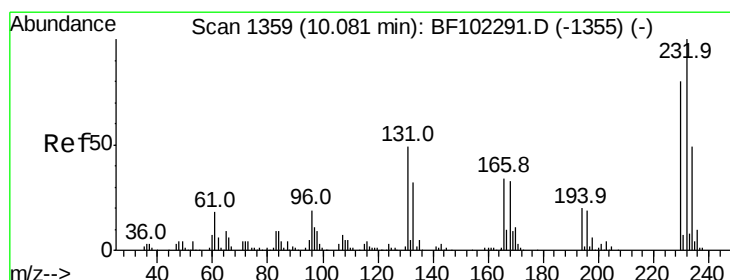
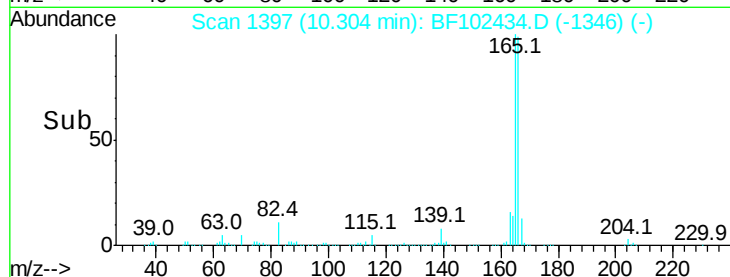
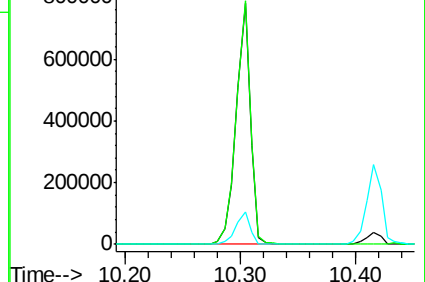
167 13.2 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.069 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion:232 Resp: 171247

Ion Ratio Lower Upper

232 100

131 51.2 43.8 65.8

130 2.4 2.1 3.1

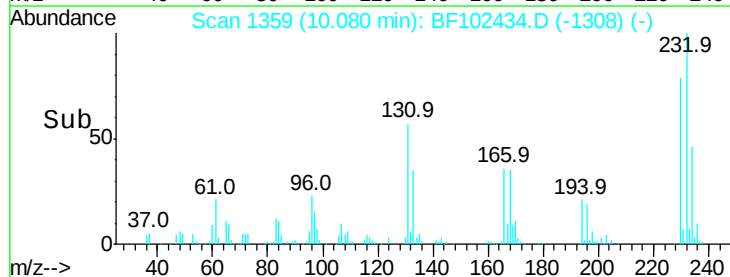
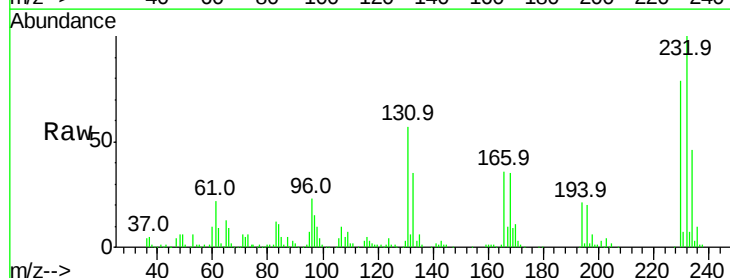
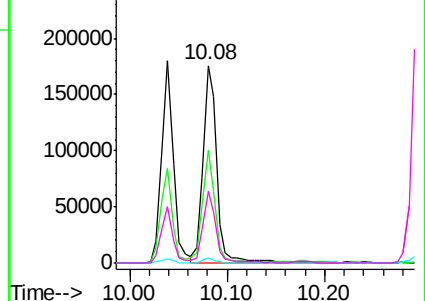
166 33.4 27.8 41.6

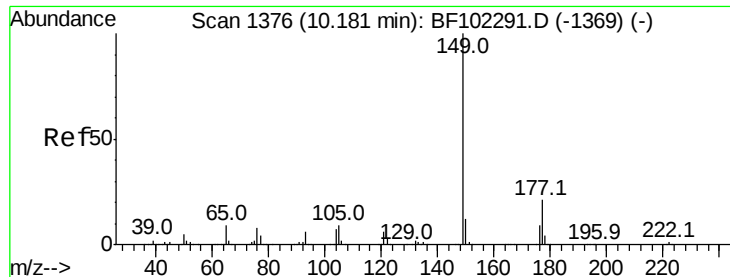
Abundance Ion 232.00 (231.70 to 232.70): E

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

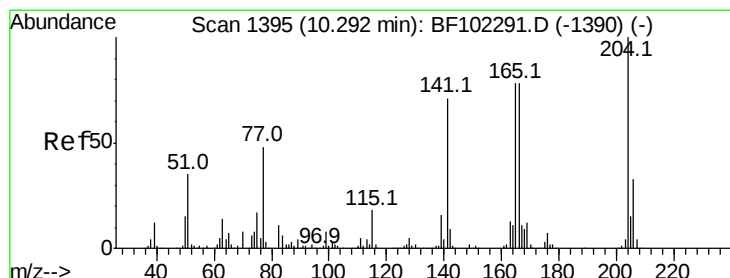
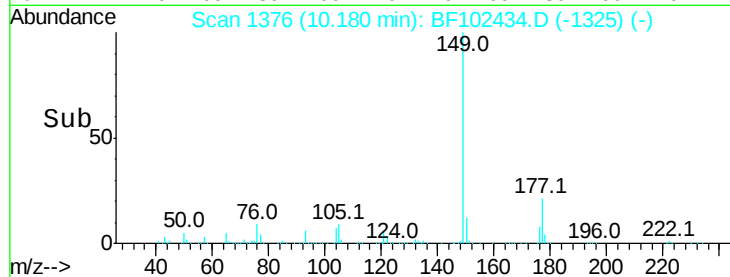
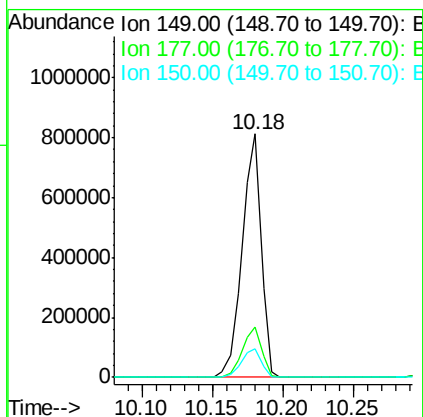
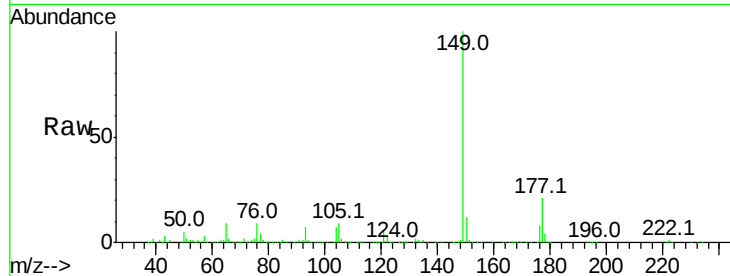




#59
Diethylphthalate
Concen: 36.872 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

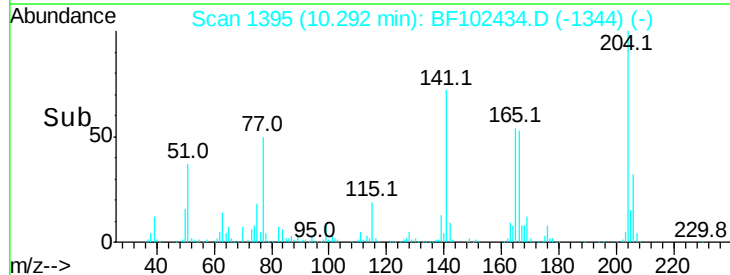
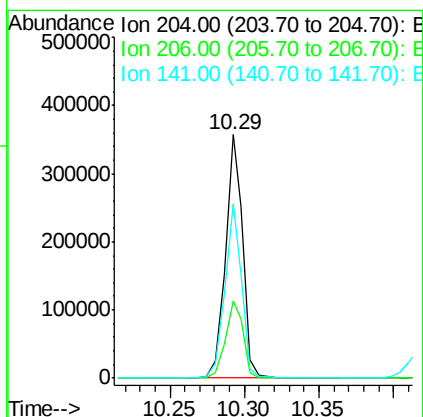
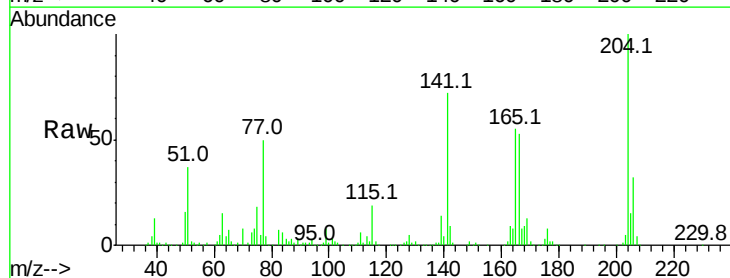
Instrument :
BNA_F
ClientSampled :

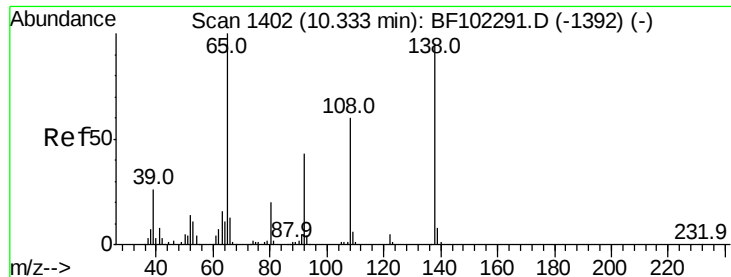
Tot Ion:149 Resp: 762714
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.371 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion:204 Resp: 290558
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 71.7 54.6 81.8





#61

4-Nitroaniline

Concen: 34.673 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

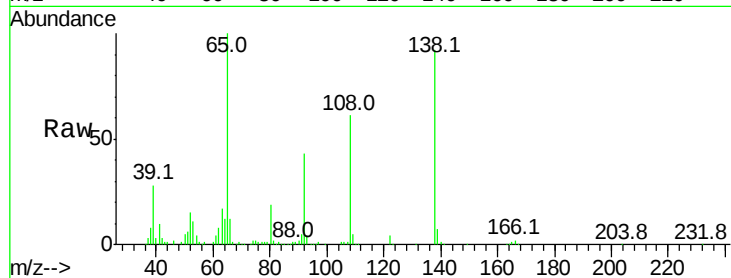
Tot Ion:138 Resp: 187846

Ion Ratio Lower Upper

138 100

92 46.8 30.2 70.2

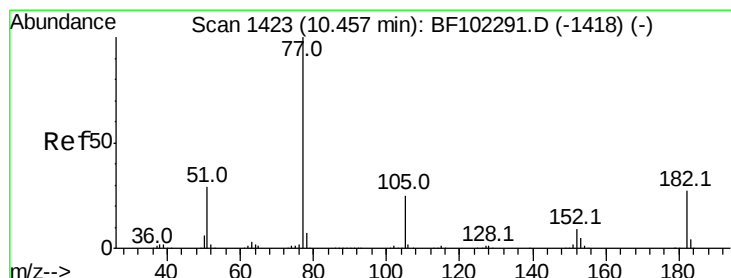
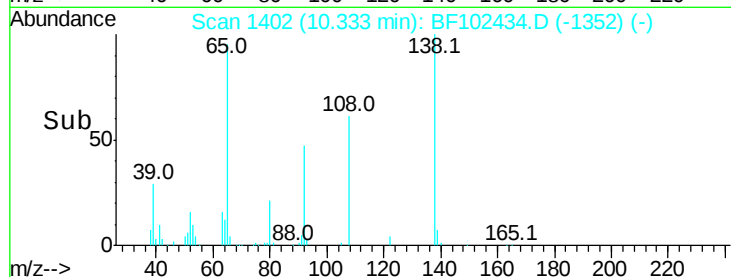
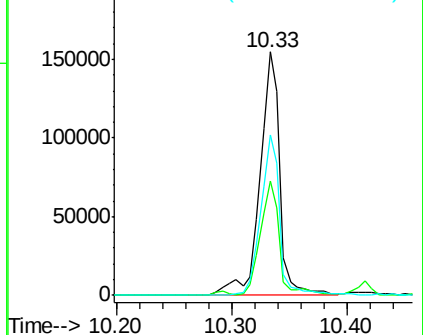
108 66.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.344 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Tgt Ion: 77 Resp: 707247

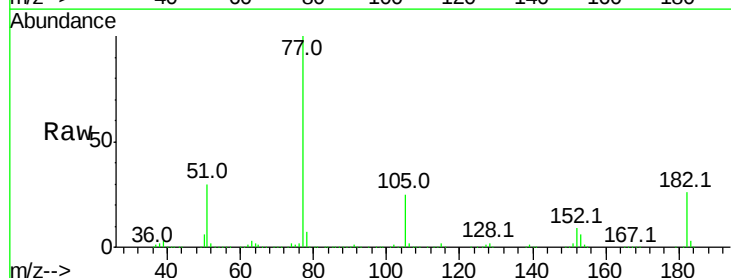
Ion Ratio Lower Upper

77 100

182 26.3 1.7 41.7

105 24.6 3.0 43.0

51 30.4 9.9 49.9

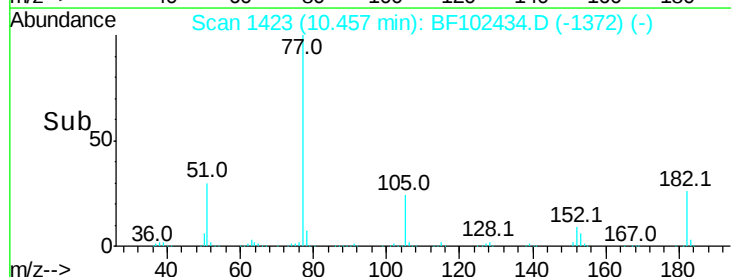
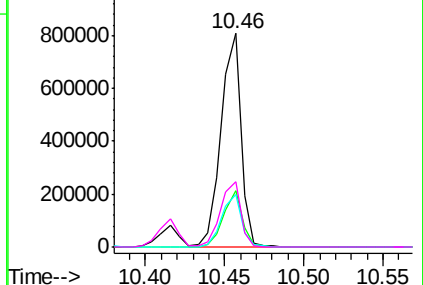


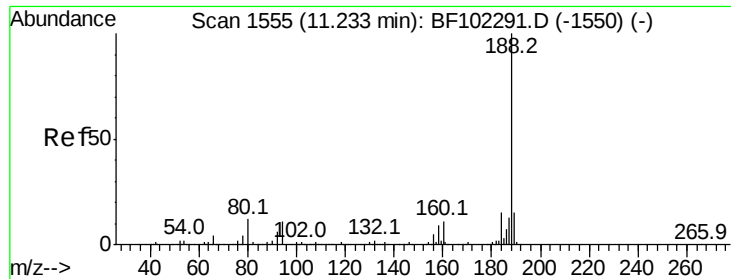
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

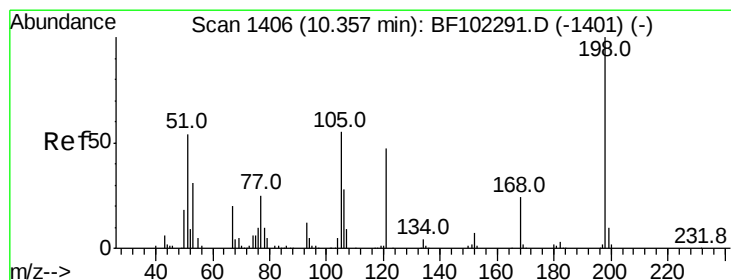
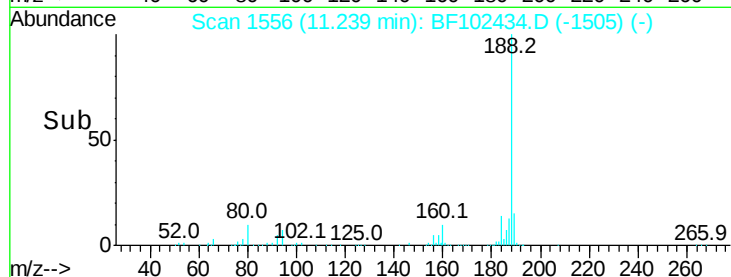
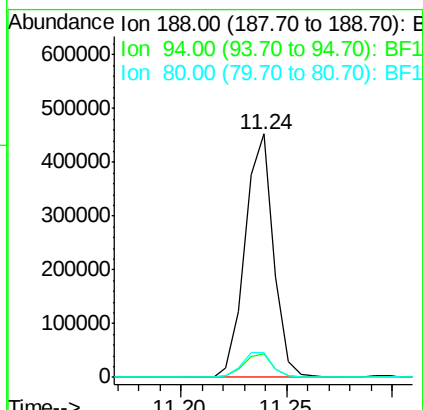
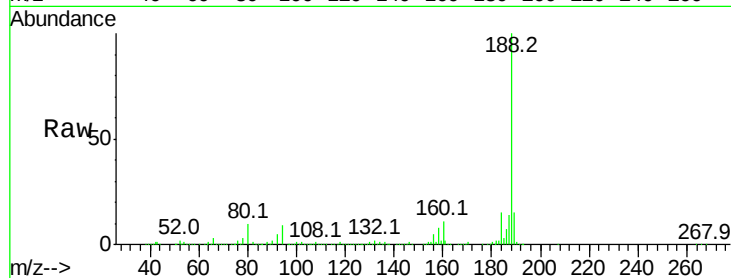




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

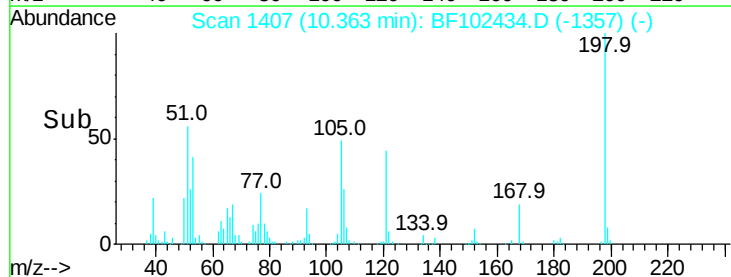
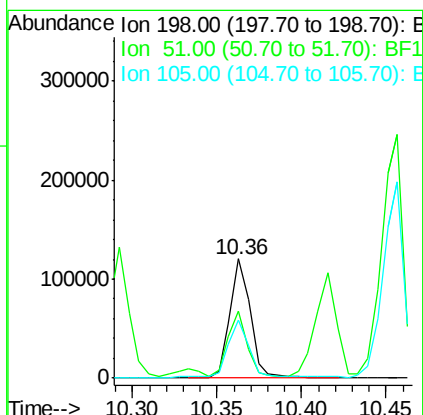
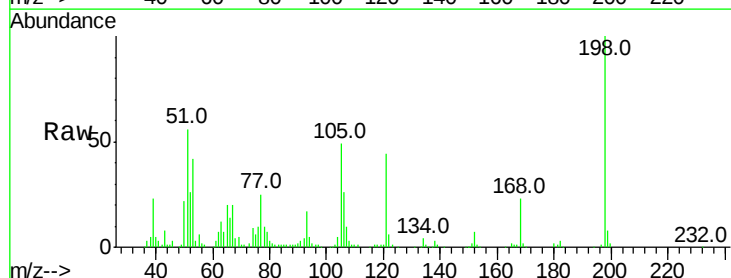
Instrument :
BNA_F
ClientSampleId :

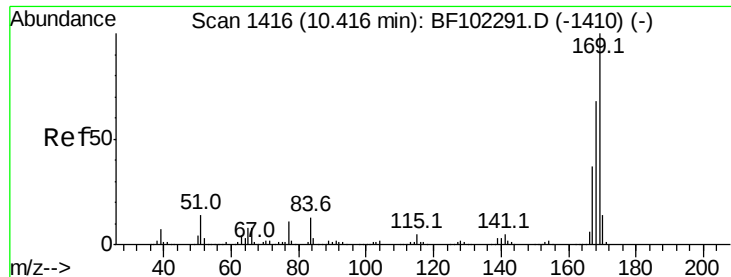
Tot Ion:188 Resp: 422683
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 36.410 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion:198 Resp: 102676
Ion Ratio Lower Upper
198 100
51 56.1 37.7 77.7
105 49.0 36.3 76.3

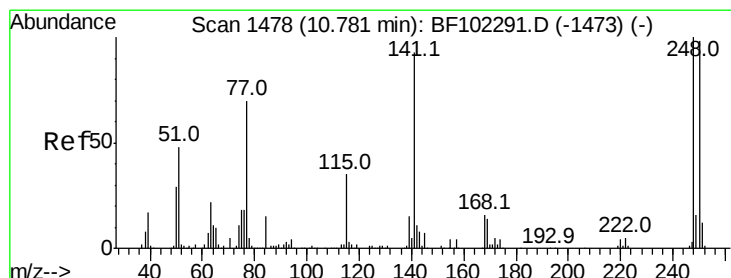
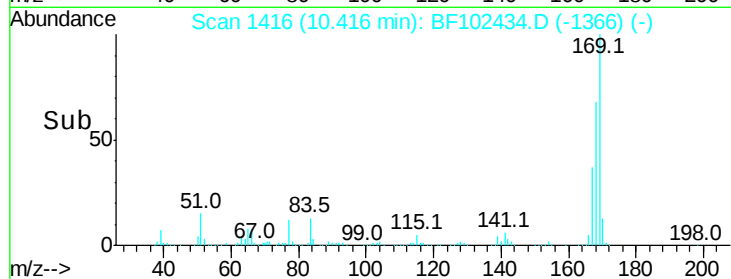
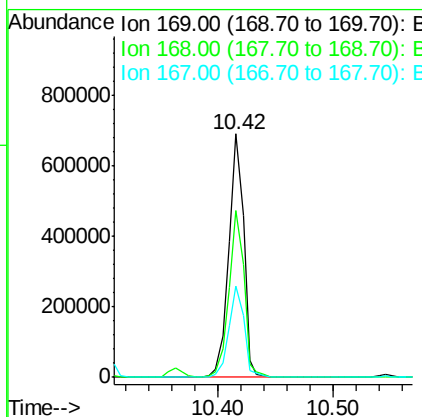
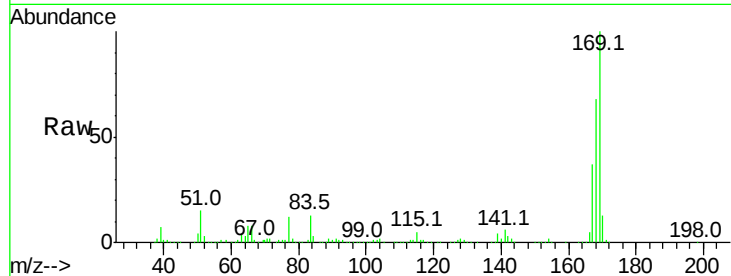




#65
 n-Nitrosodiphenylamine
 Concen: 39.610 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

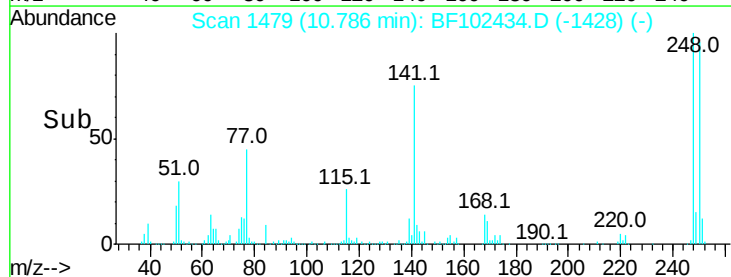
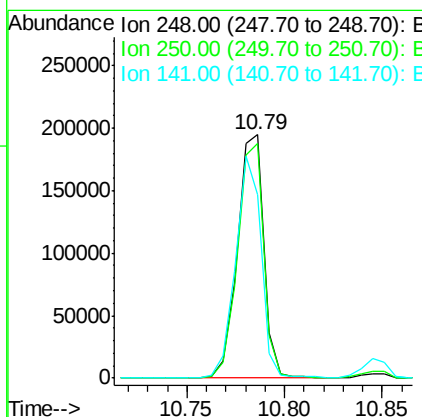
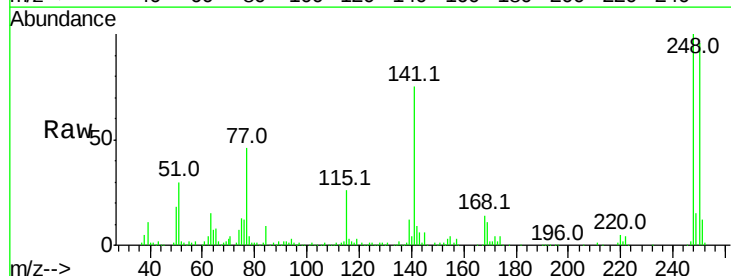
Instrument :
 BNA_F
 ClientSampleId :

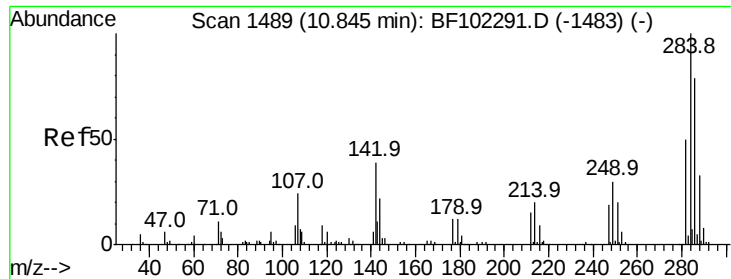
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.4	81.6
167	37.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.253 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.9	115.3
141	75.5	74.4	111.6

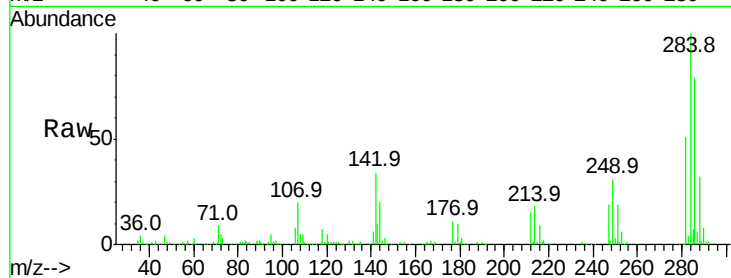




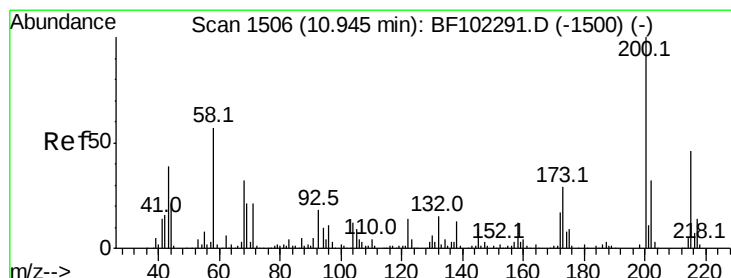
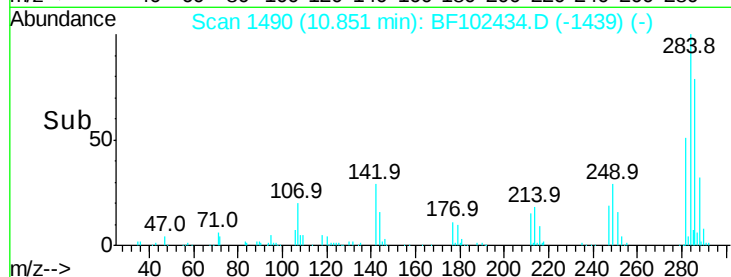
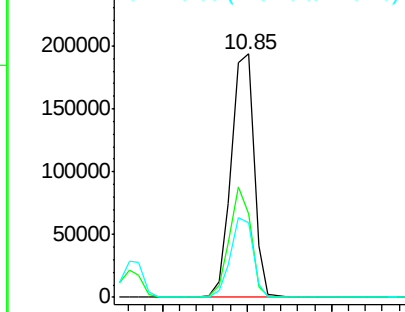
#67
Hexachlorobenzene
Concen: 35.693 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 181636
Ion Ratio Lower Upper
284 100
142 34.5 34.6 52.0#
249 30.7 24.8 37.2

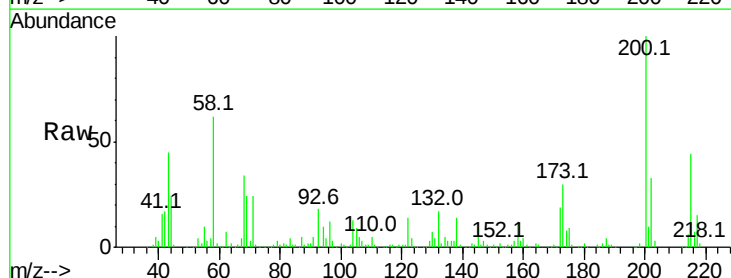


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

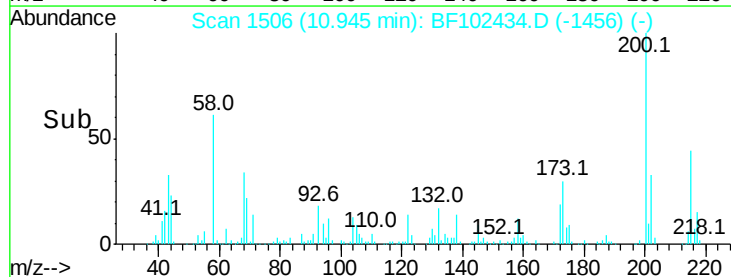
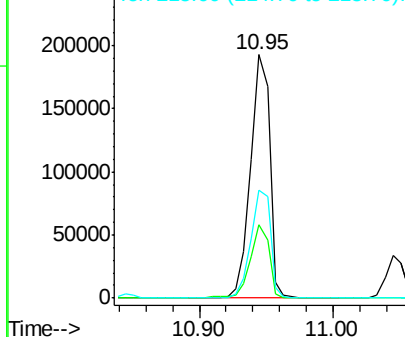


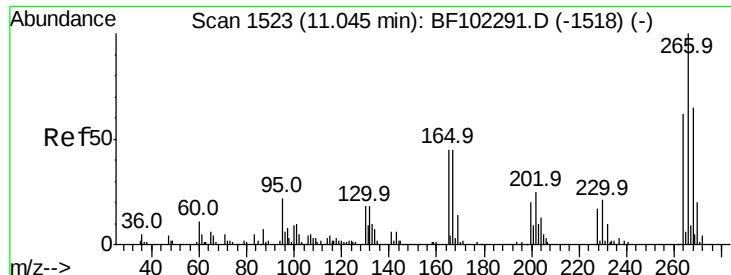
#68
Atrazine
Concen: 41.395 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion:200 Resp: 189671
Ion Ratio Lower Upper
200 100
173 30.0 8.6 48.6
215 44.2 25.1 65.1



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

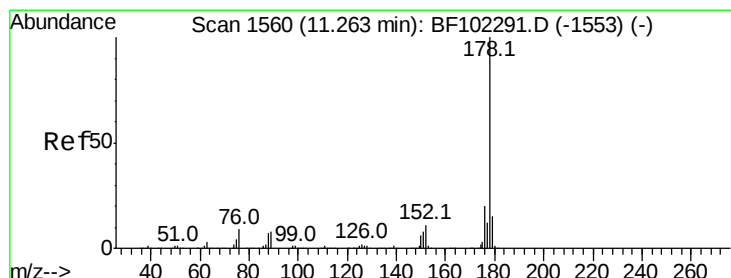
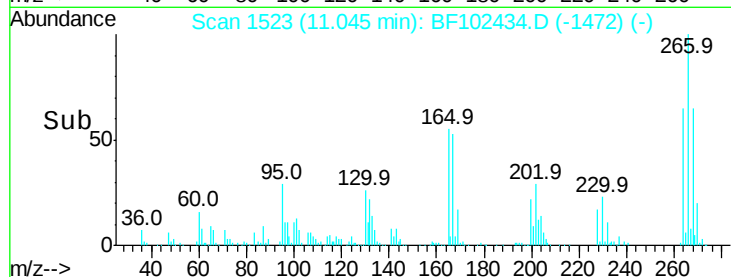
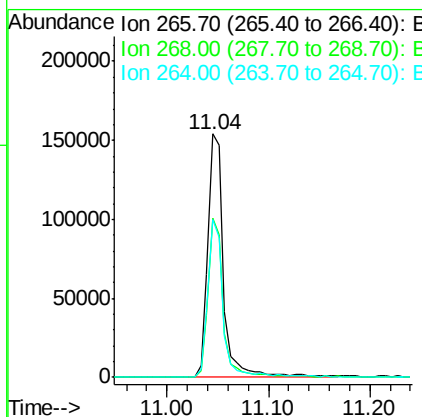
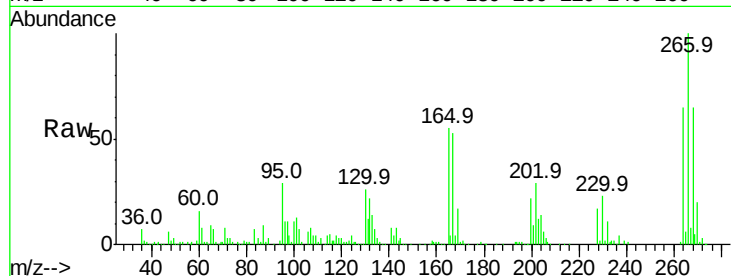




#69
 Pentachlorophenol
 Concen: 62.338 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

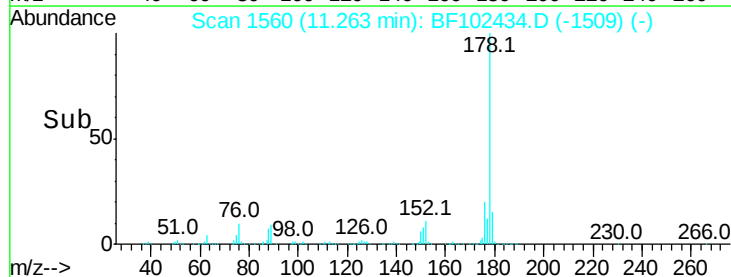
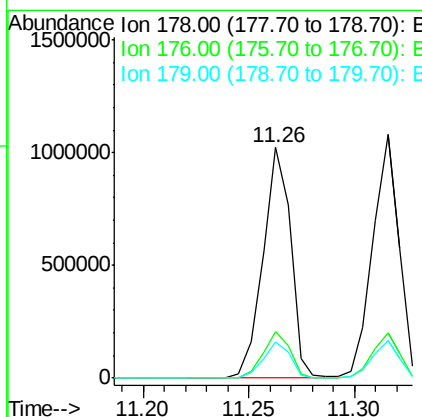
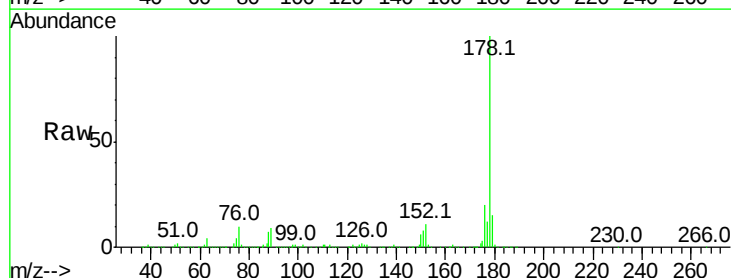
Instrument :
 BNA_F
 ClientSampleId :

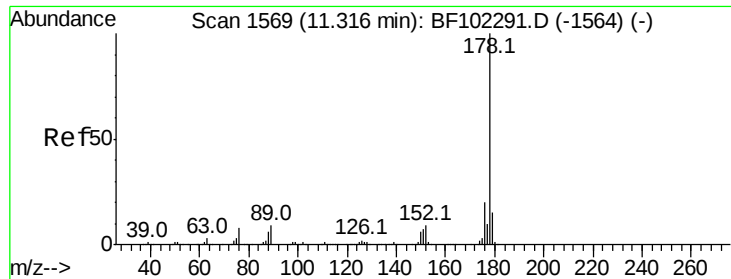
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.1	76.7
264	64.6	49.5	74.3



#70
 Phenanthrene
 Concen: 38.003 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.5	13.0	19.6

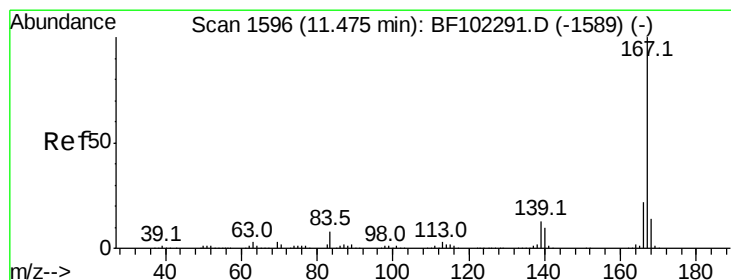
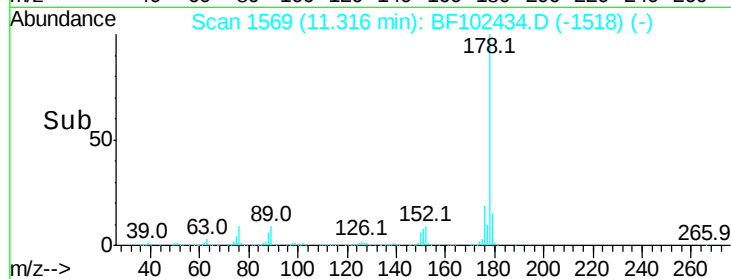
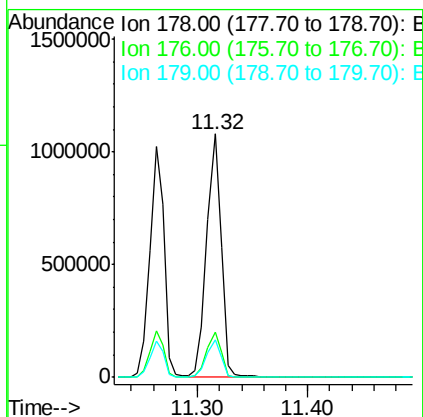
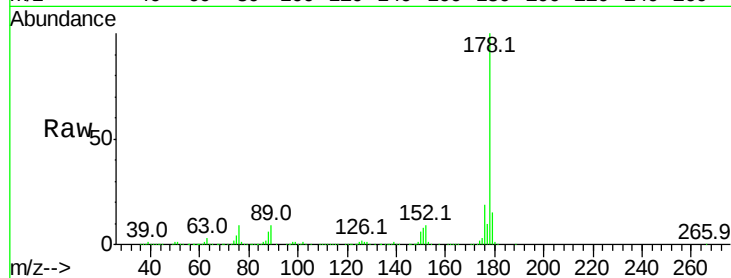




#71
 Anthracene
 Concen: 37.997 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

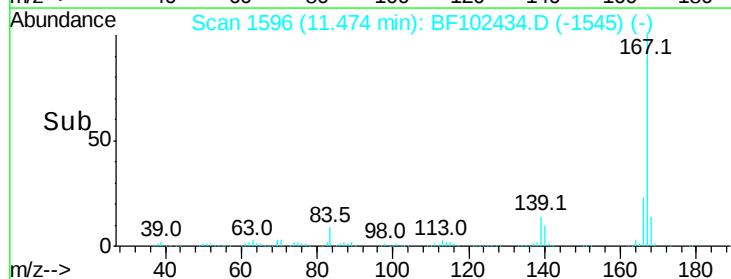
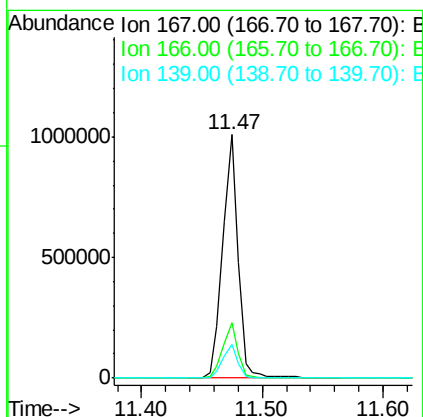
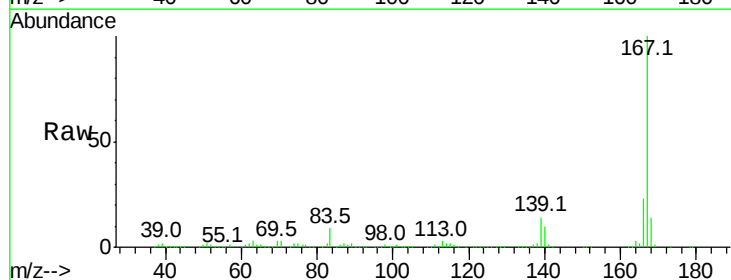
Instrument :
 BNA_F
 ClientSampled :

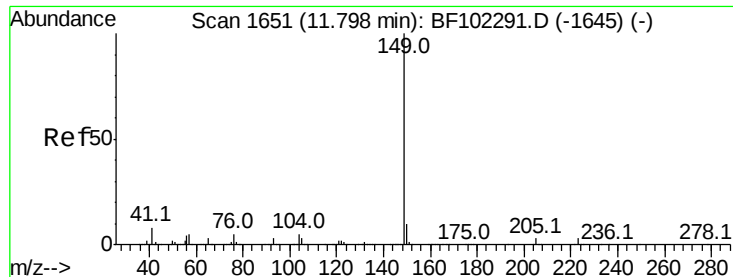
Tot Ion:178 Resp: 955257
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 36.325 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102434.D
 Acq: 25 Jan 2018 20:11

Tgt Ion:167 Resp: 890931
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.163 ng

RT: 11.80 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

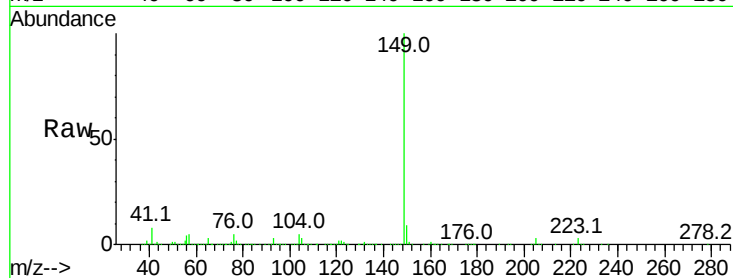
Tot Ion:149 Resp: 1139324

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

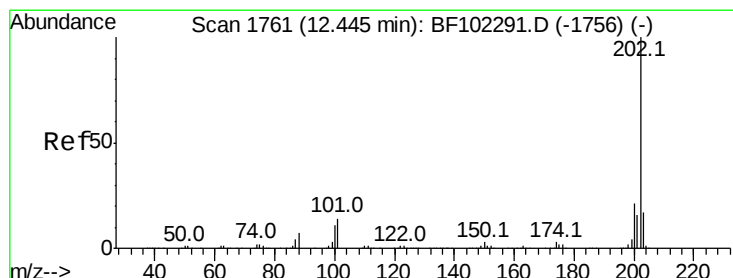
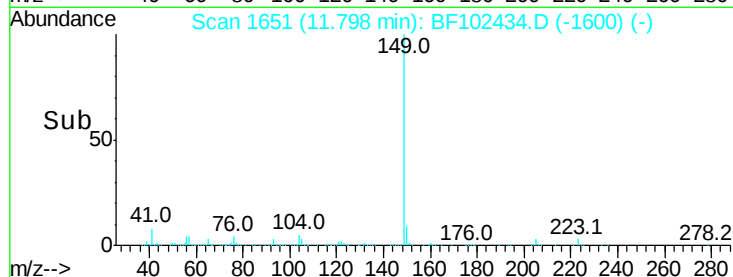
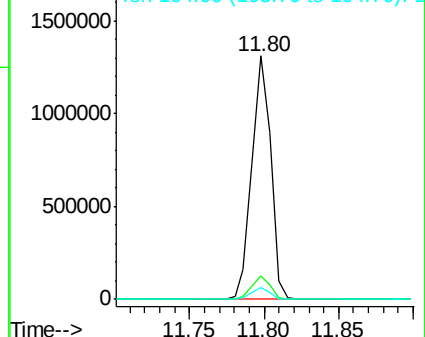
104 4.8 3.8 5.8



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



#74

Fluoranthene

Concen: 33.458 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

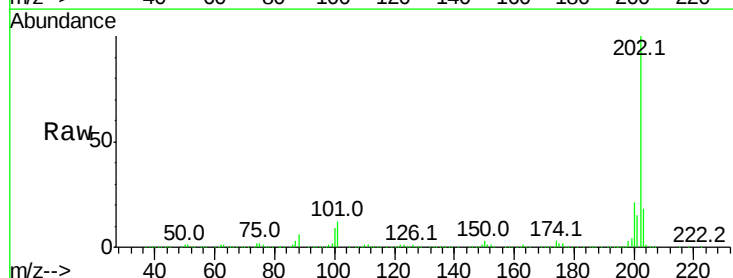
Tgt Ion:202 Resp: 840371

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

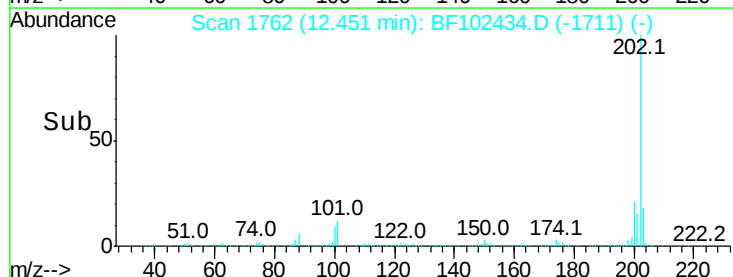
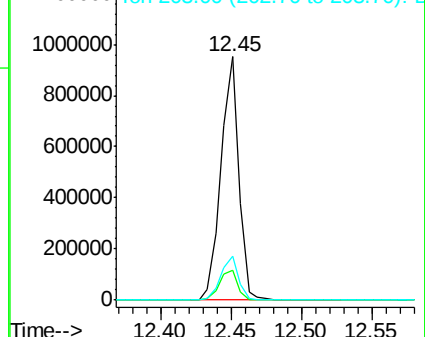
203 17.8 0.0 38.1

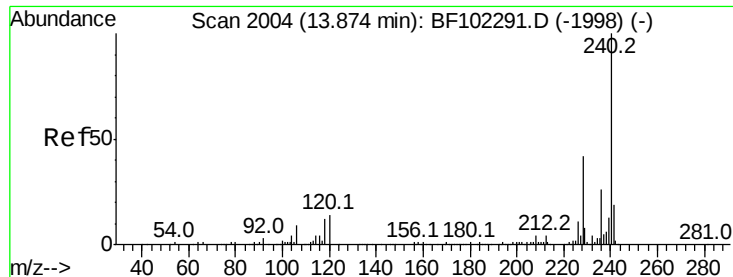


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

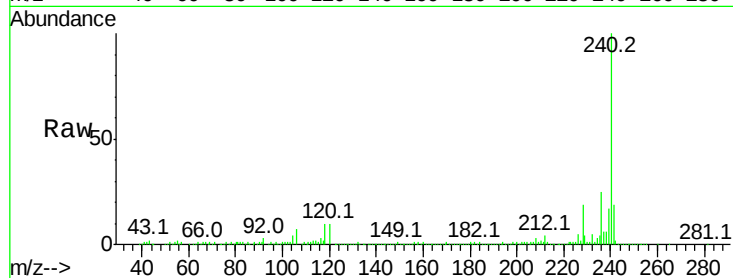
Tot Ion:240 Resp: 264801

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

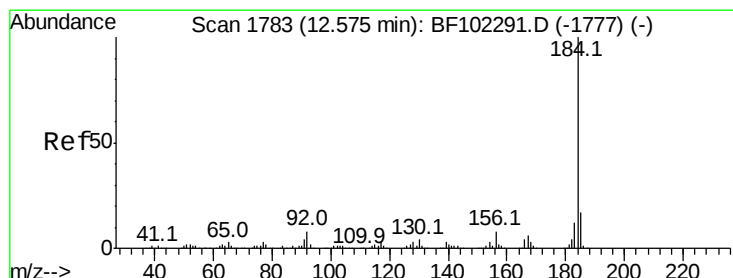
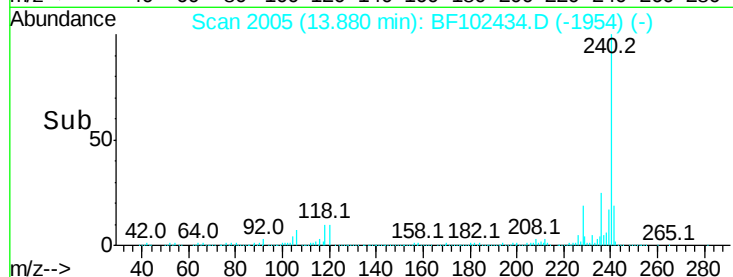
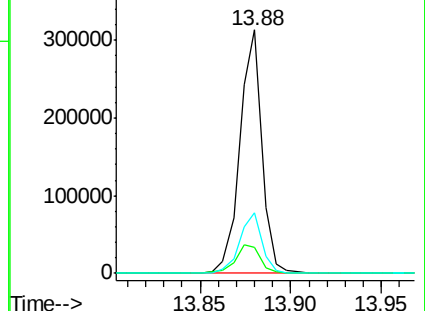
236 24.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.474 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

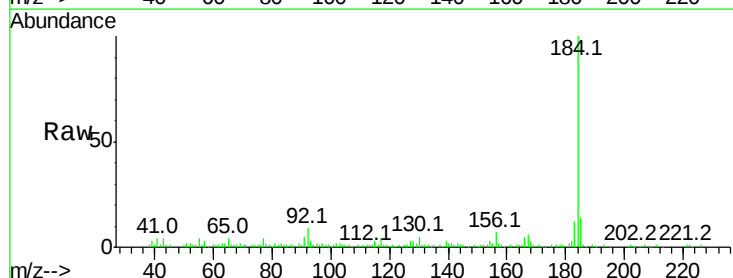
Tgt Ion:184 Resp: 93177

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

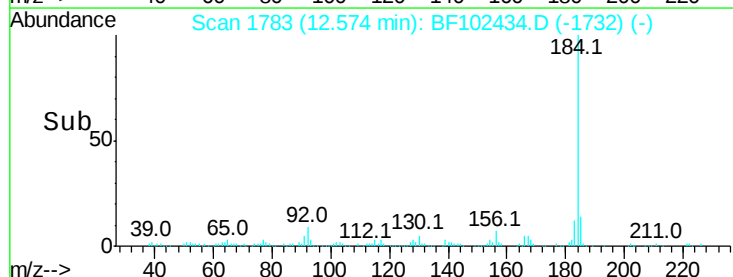
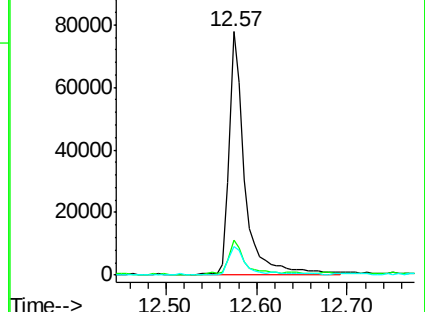
183 11.8 9.3 13.9

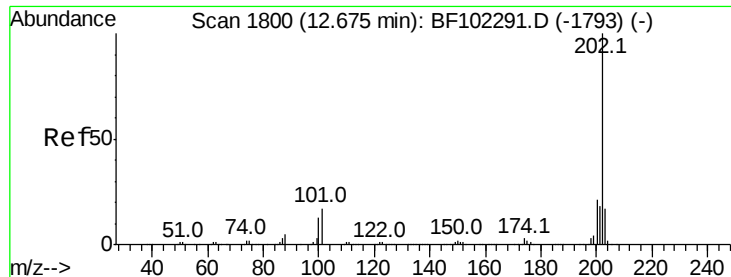


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.533 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

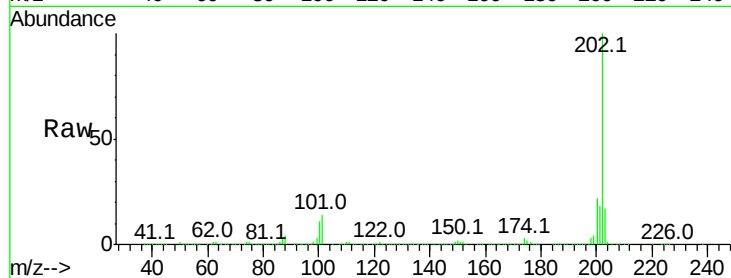
Tot Ion:202 Resp: 829842

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

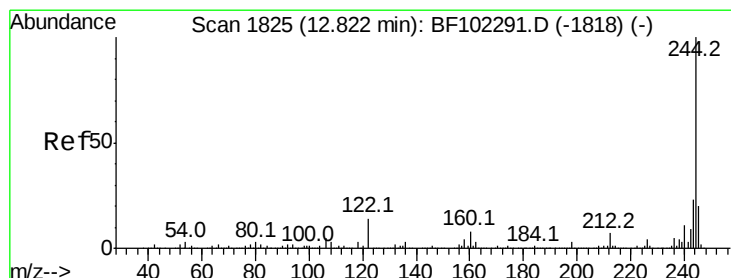
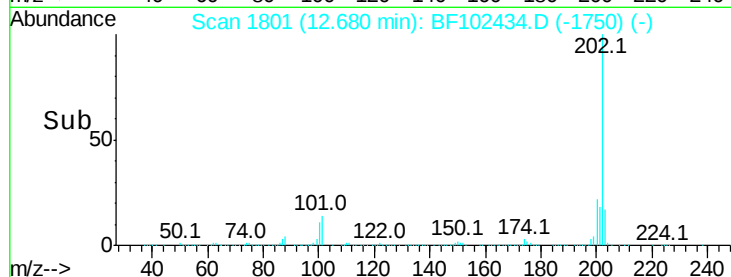
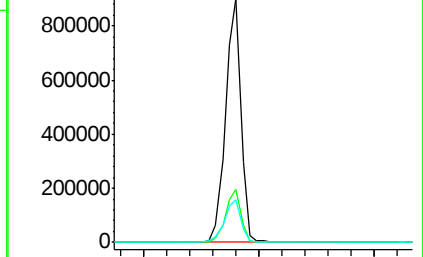
203 17.3 14.3 21.5



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



#78

Terphenyl-d14

Concen: 83.450 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

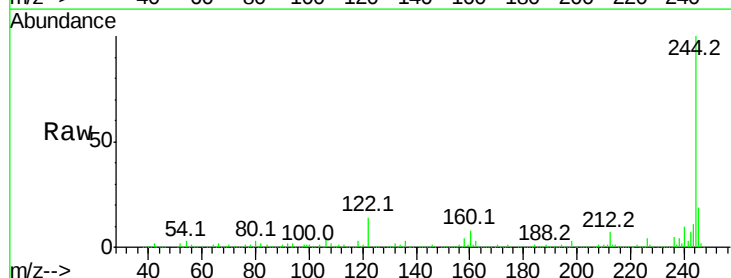
Tgt Ion:244 Resp: 980217

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

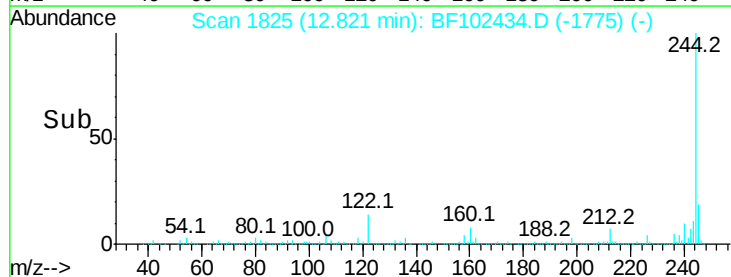
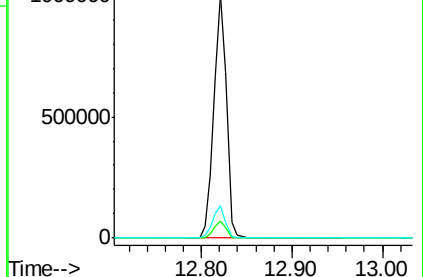
122 13.6 11.0 16.4

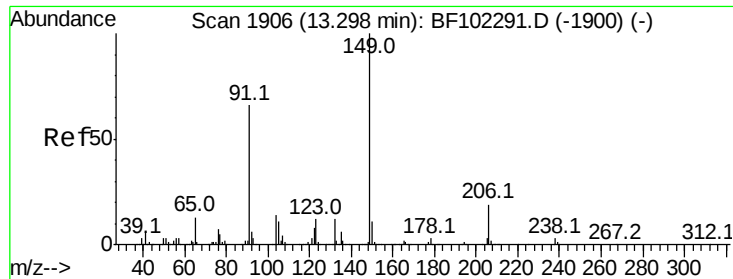


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

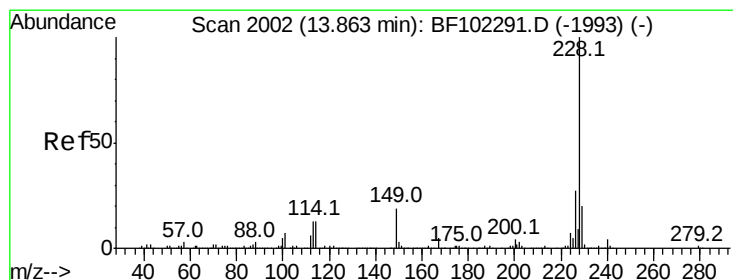
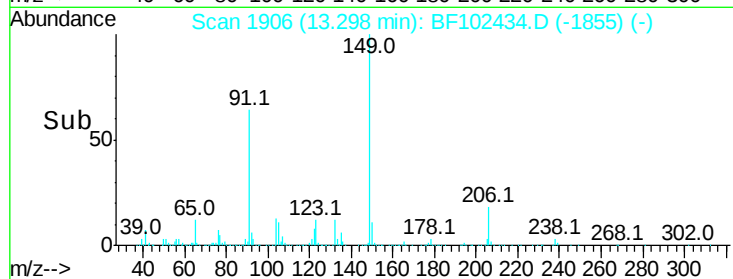
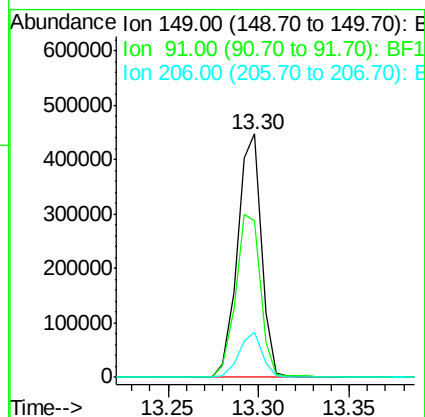
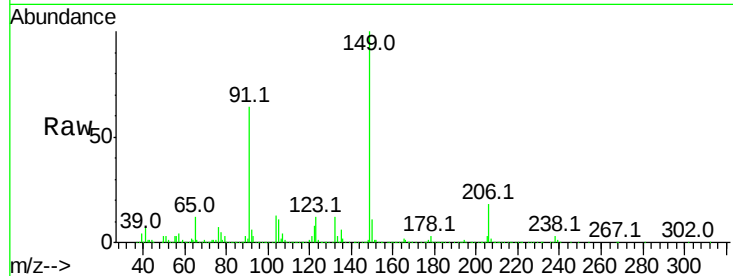




#79
Butylbenzylphthalate
Concen: 40.113 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

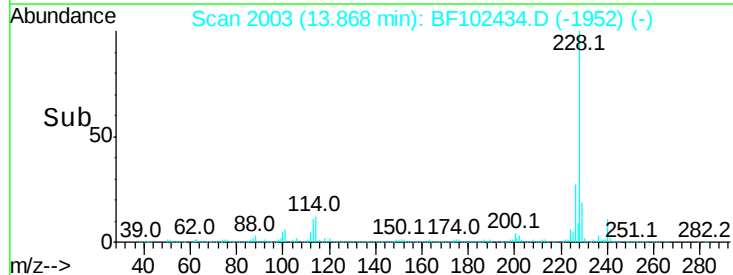
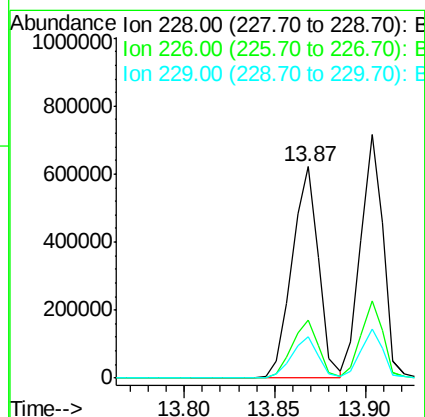
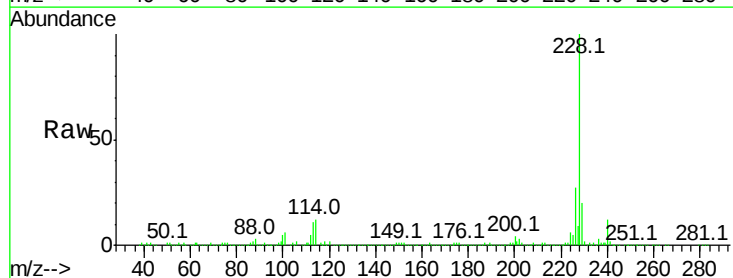
Instrument :
BNA_F
ClientSampled :

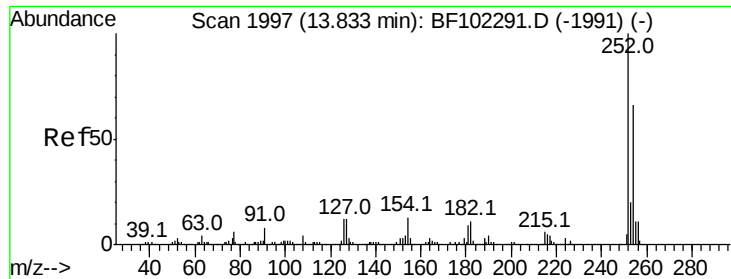
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.1	56.8	85.2
206	18.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.403 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.5	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 26.778 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampled :

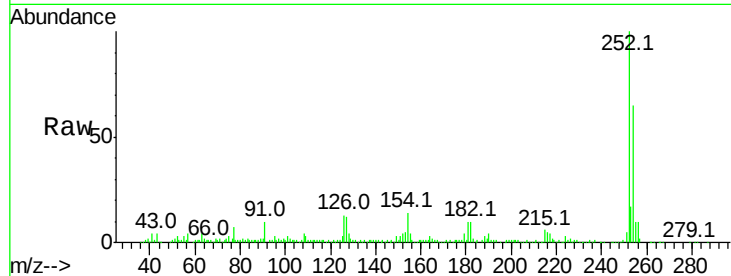
Tot Ion:252 Resp: 160144

Ion Ratio Lower Upper

252 100

254 65.5 50.4 75.6

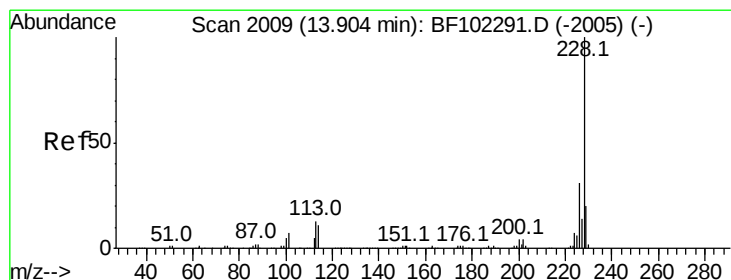
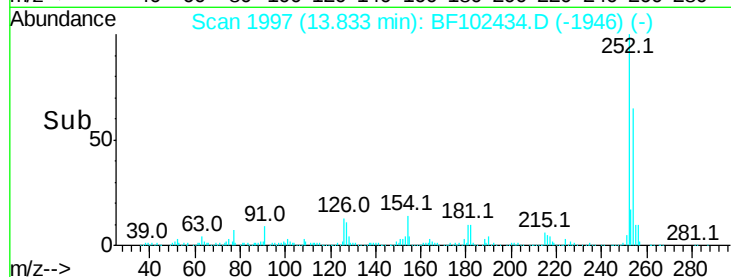
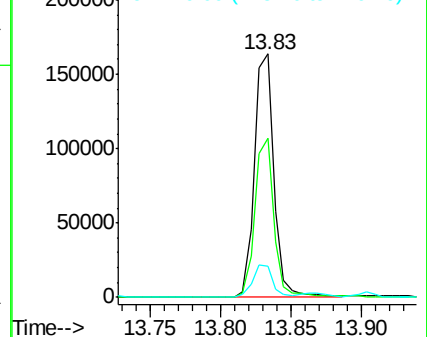
126 12.9 11.3 16.9



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



#82

Chrysene

Concen: 37.386 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

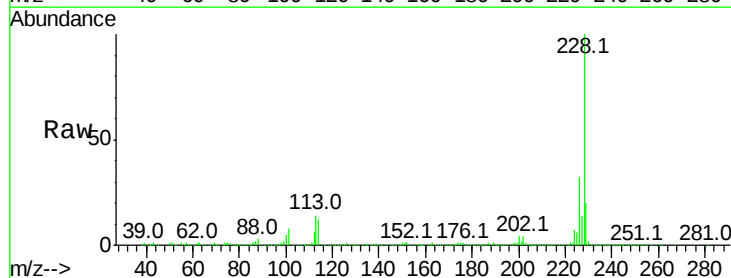
Tgt Ion:228 Resp: 618948

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.6

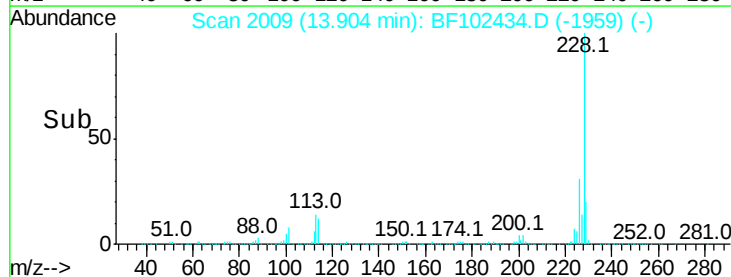
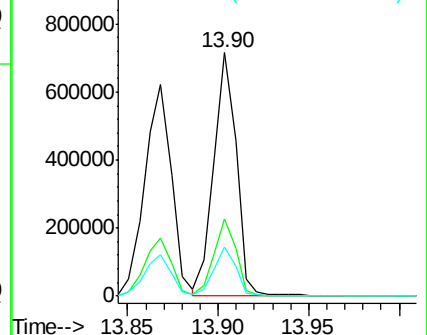
229 20.1 16.2 24.4

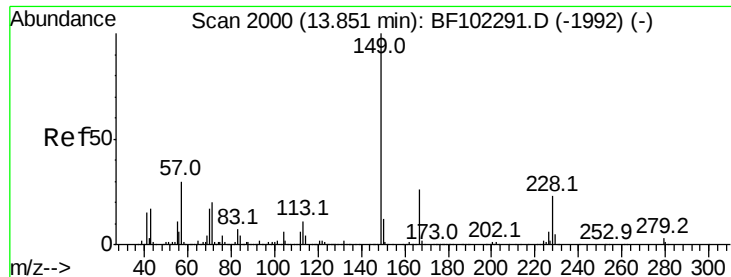


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.934 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

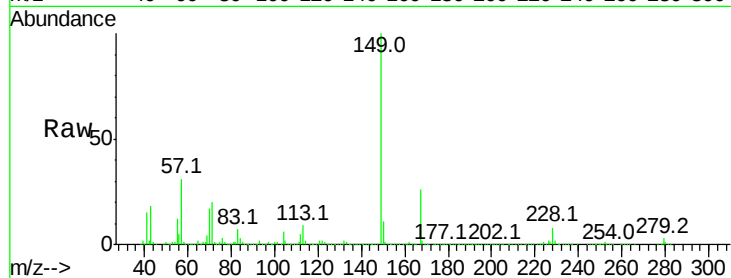
Tot Ion:149 Resp: 560492

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

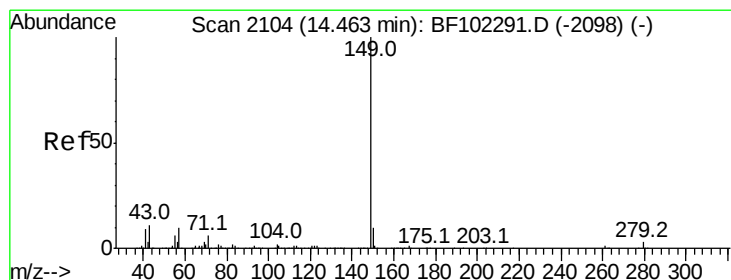
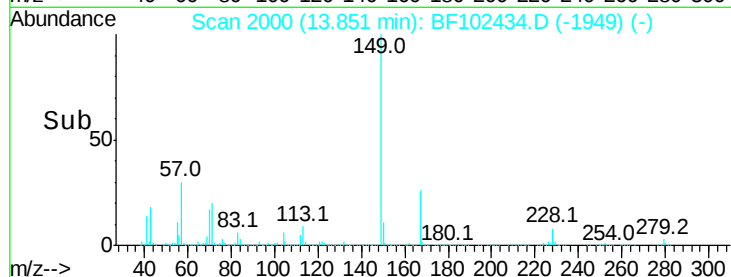
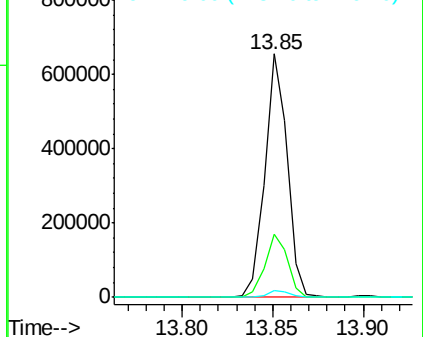
279 2.7 3.0 4.4#



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



#84

Di-n-octyl phthalate

Concen: 41.088 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

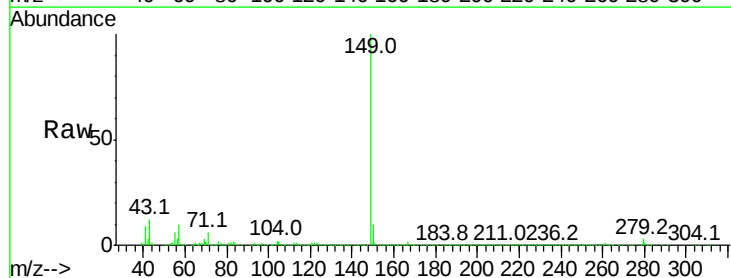
Tgt Ion:149 Resp: 914923

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

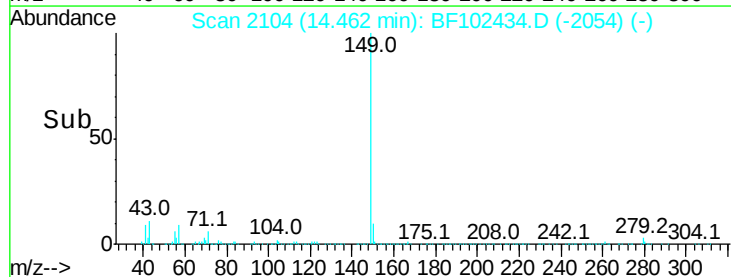
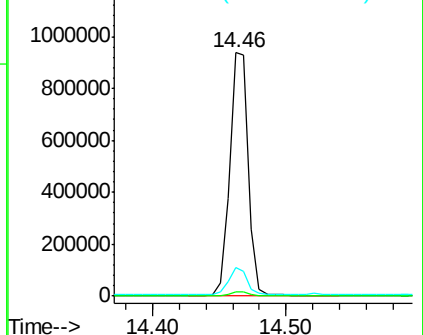
43 10.8 8.4 12.6

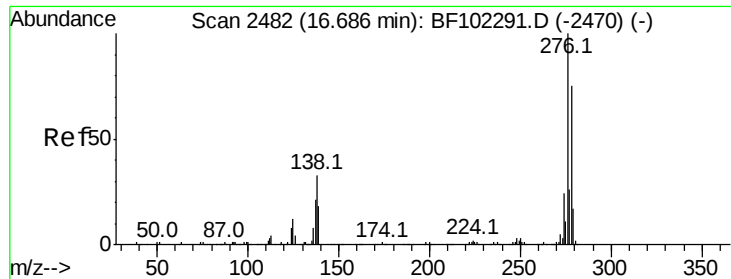


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

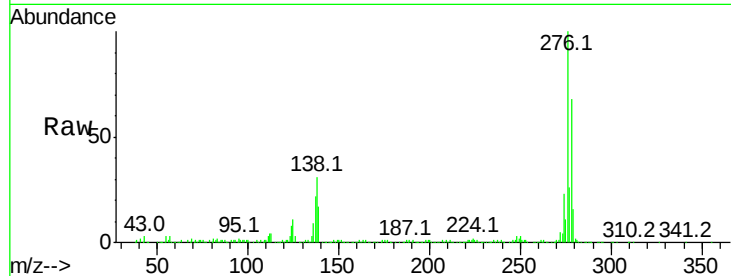




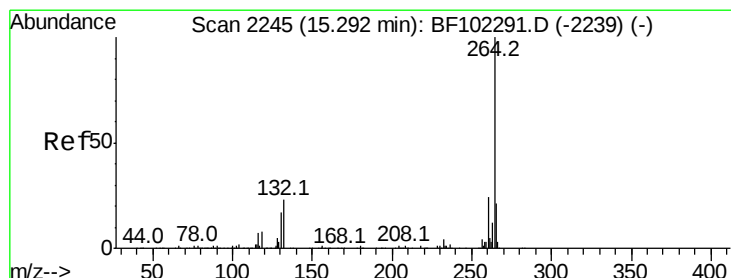
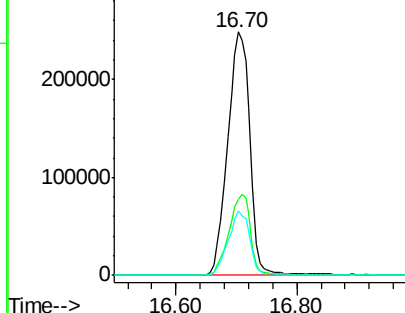
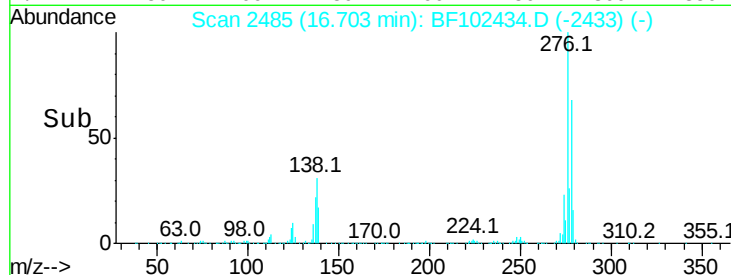
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.816 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 640101
Ion Ratio Lower Upper
276 100
138 31.8 25.0 37.6
277 25.1 20.1 30.1

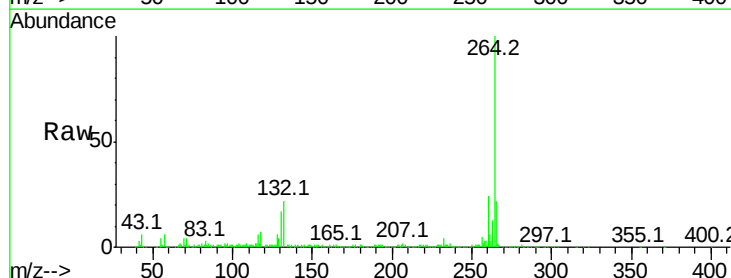


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

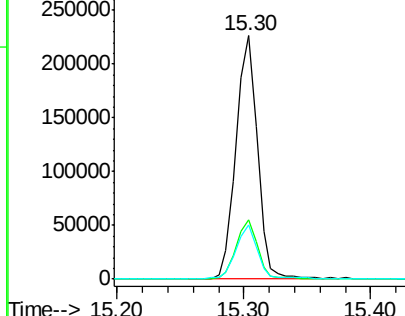
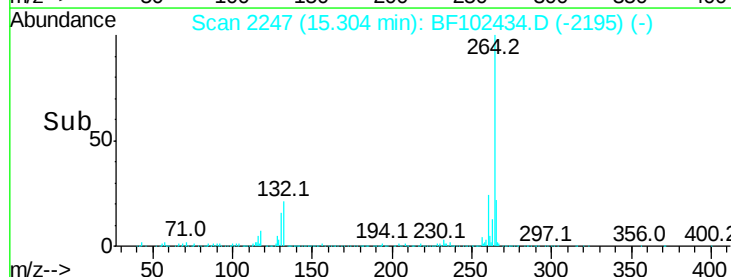


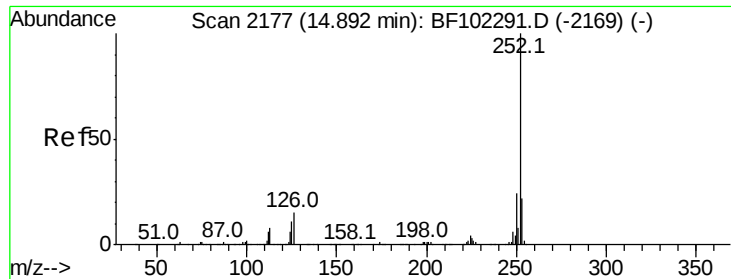
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion:264 Resp: 265495
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

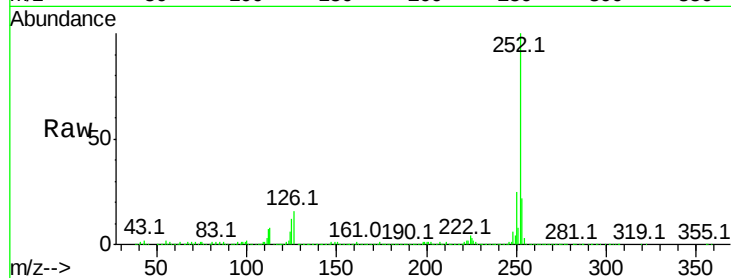




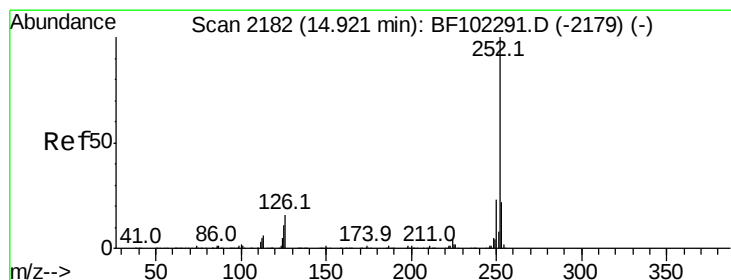
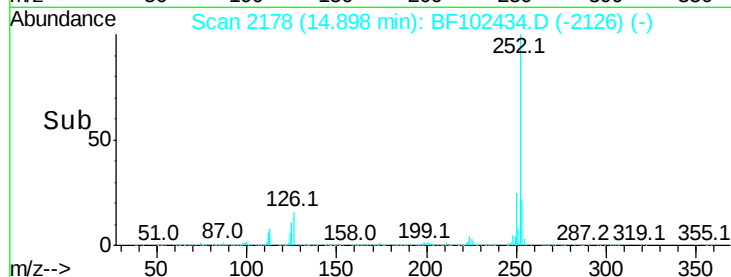
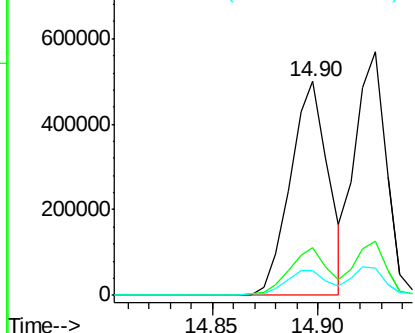
#87
Benzo(b)fluoranthene
Concen: 36.424 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 626788
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 11.7 9.0 13.6

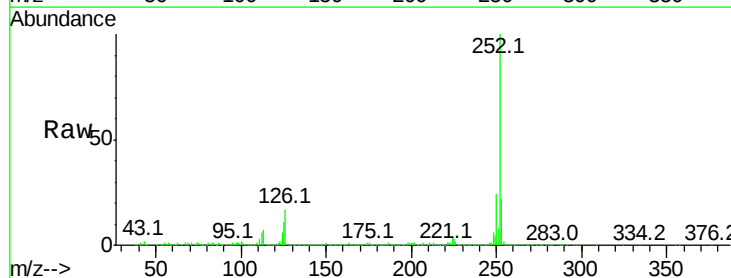


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

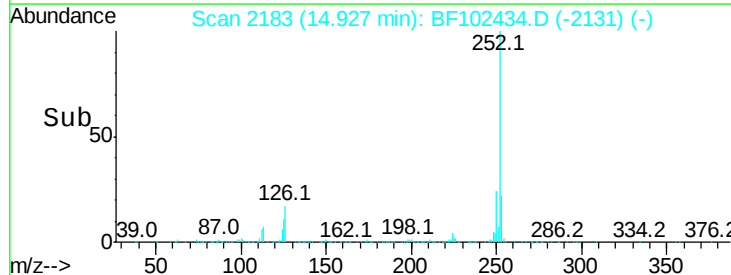
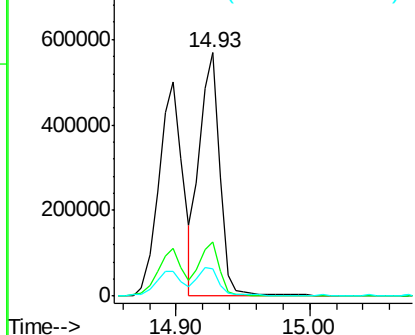


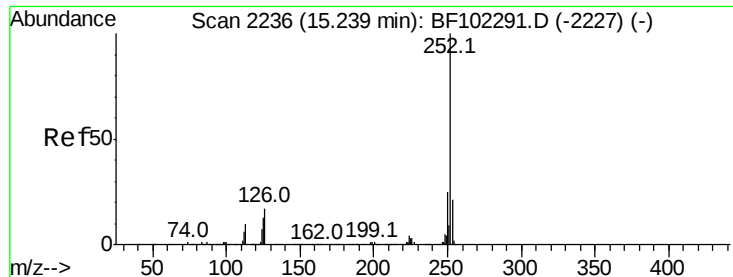
#88
Benzo(k)fluoranthene
Concen: 36.553 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF102434.D
Acq: 25 Jan 2018 20:11

Tgt Ion:252 Resp: 594273
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.3 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.469 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

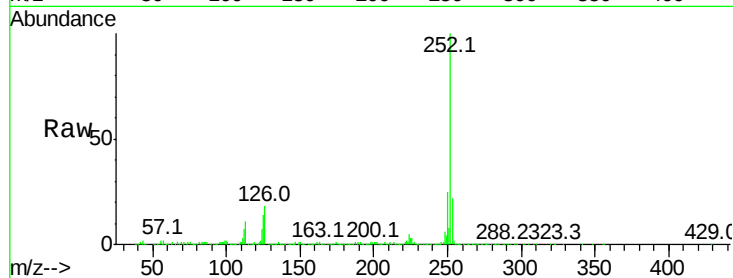
Tot Ion:252 Resp: 597024

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

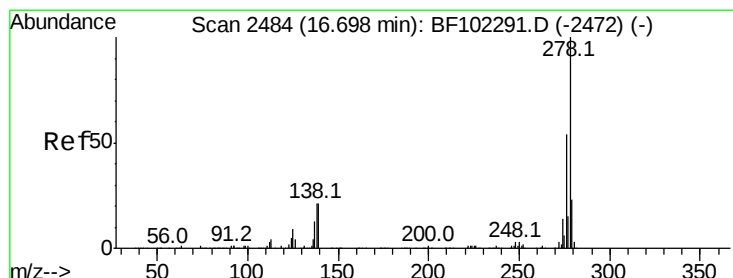
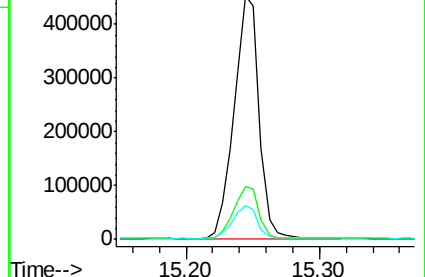
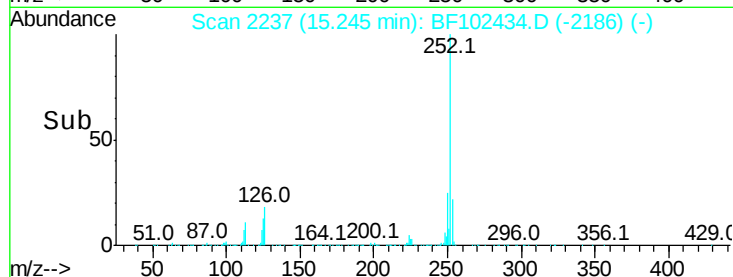
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.138 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

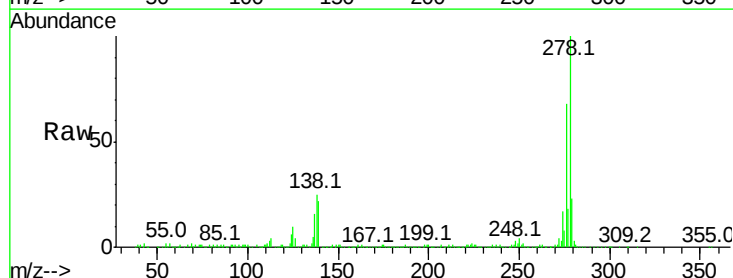
Tgt Ion:278 Resp: 529754

Ion Ratio Lower Upper

278 100

139 21.6 15.9 23.9

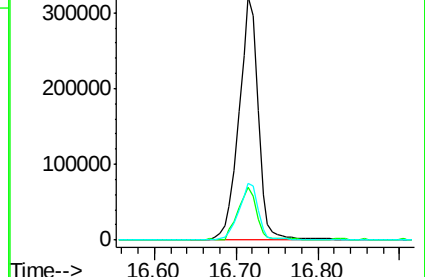
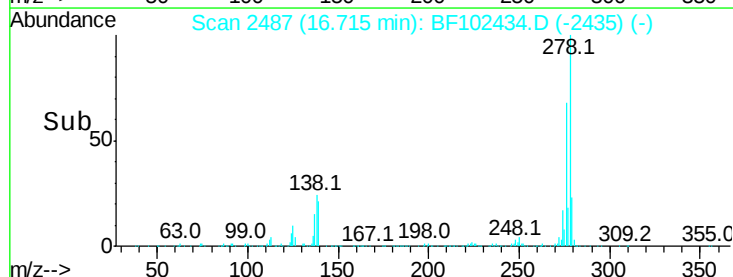
279 23.4 19.0 28.4

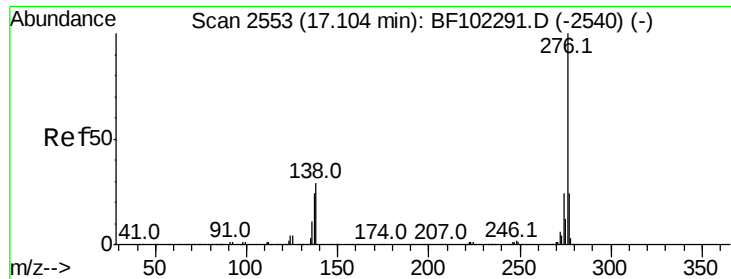


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.315 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.01 min

Lab File: BF102434.D

Acq: 25 Jan 2018 20:11

Instrument :

BNA_F

ClientSampleId :

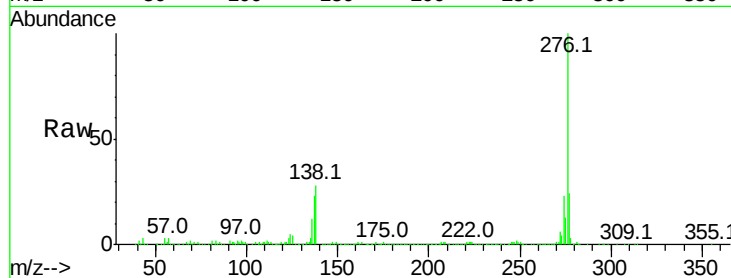
Tot Ion:276 Resp: 525267

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 27.7 21.8 32.8



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

