

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102432.D
 Acq On : 25 Jan 2018 19:17
 Operator : SJ/JU
 Sample : PB106012BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 00:21:31 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	115405	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	481901	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	224149	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	392634	20.00	ng	0.00
75) Chrysene-d12	13.88	240	284313	20.00	ng	0.00
86) Perylene-d12	15.30	264	231278	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	921608	121.09	ng	0.01
7) Phenol-d6	6.36	99	1097227	119.58	ng	0.00
23) Nitrobenzene-d5	7.29	82	691859	82.50	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	238925	107.58	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1276737	83.75	ng	0.00
78) Terphenyl-d14	12.83	244	1167880	92.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	131825	36.453	ng	96
3) Pyridine	3.15	79	371510	39.311	ng	96
4) n-Nitrosodimethylamine	3.10	42	179041	48.325	ng	93
6) Aniline	6.38	93	274963	22.655	ng	# 15
8) 2-Chlorophenol	6.50	128	349947	43.861	ng	97
9) Benzaldehyde	6.26	77	171820	31.422	ng	98
10) Phenol	6.37	94	405748	40.503	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	313056	41.088	ng	97
12) 1,3-Dichlorobenzene	6.66	146	371536	39.155	ng	98
13) 1,4-Dichlorobenzene	6.73	146	378648	39.836	ng	99
14) 1,2-Dichlorobenzene	6.89	146	350882	40.358	ng	98
15) Benzyl Alcohol	6.86	79	271970	42.008	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	515435	40.336	ng	87
17) 2-Methylphenol	6.98	107	280857	40.532	ng	95
18) Hexachloroethane	7.22	117	135285	40.844	ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	226688	40.369	ng	94
20) 3+4-Methylphenols	7.13	107	347737	42.670	ng	# 72
22) Acetophenone	7.13	105	467804	40.722	ng	# 94
24) Nitrobenzene	7.30	77	352542	41.081	ng	97
25) Isophorone	7.54	82	649290	43.432	ng	99
26) 2-Nitrophenol	7.62	139	194929	43.158	ng	90
27) 2,4-Dimethylphenol	7.66	122	308190	46.992	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	409684	44.362	ng	99
29) 2,4-Dichlorophenol	7.86	162	295530	44.237	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	281631	39.327	ng	98
31) Naphthalene	8.02	128	989970	41.145	ng	99
32) Benzoic acid	7.80	122	216662	39.431	ng	97
33) 4-Chloroaniline	8.07	127	133642	13.209	ng	99
34) Hexachlorobutadiene	8.13	225	151639	39.646	ng	99
35) Caprolactam	8.49	113	29252	13.258	ng	94
36) 4-Chloro-3-methylphenol	8.57	107	315891	44.859	ng	100
37) 2-Methylnaphthalene	8.71	142	675626	42.164	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	265600	39.385	ng	99
40) Hexachlorocyclopentadiene	8.86	237	245516	81.351	ng	97

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 ALS Vial : 3 Sample Multiplier: 1

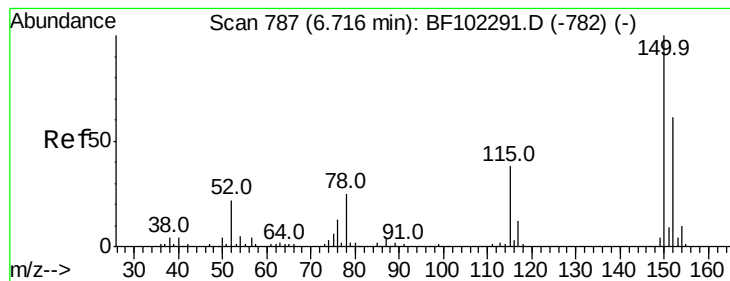
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 00:21:31 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)

42) 2,4,6-Trichlorophenol	9.00	196	190714	42.245	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	200618	39.469	ng	98
45) 1,1'-Biphenyl	9.17	154	792274	39.530	ng	99
46) 2-Chloronaphthalene	9.20	162	613694	39.393	ng	97
47) 2-Nitroaniline	9.30	65	199351	41.045	ng	95
48) Acenaphthylene	9.62	152	938412	38.664	ng	100
49) Dimethylphthalate	9.48	163	732688	39.546	ng	100
50) 2,6-Dinitrotoluene	9.55	165	160054	40.069	ng	95
51) Acenaphthene	9.79	154	548884	38.722	ng	99
52) 3-Nitroaniline	9.72	138	93789	19.848	ng	94
53) 2,4-Dinitrophenol	9.83	184	154231	85.775	ng	# 20
54) Dibenzofuran	9.96	168	816255	42.549	ng	99
55) 4-Nitrophenol	9.90	139	235702	75.563	ng	94
56) 2,4-Dinitrotoluene	9.95	165	200764	40.871	ng	92
57) Fluorene	10.30	166	647462	42.592	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	158403	43.647	ng	98
59) Diethylphthalate	10.18	149	713815	39.647	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	279231	42.368	ng	97
61) 4-Nitroaniline	10.33	138	180508	38.281	ng	95
62) Azobenzene	10.46	77	677743	41.116	ng	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	100174	38.242	ng	95
65) n-Nitrosodiphenylamine	10.42	169	584160	40.535	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	176889	41.850	ng	99
67) Hexachlorobenzene	10.85	284	173443	36.692	ng	93
68) Atrazine	10.95	200	190216	44.691	ng	98
69) Pentachlorophenol	11.05	266	183734	73.991	ng	97
70) Phenanthrene	11.26	178	927767	40.550	ng	99
71) Anthracene	11.32	178	964439	41.298	ng	100
72) Carbazole	11.47	167	907793	39.846	ng	99
73) Di-n-butylphthalate	11.80	149	1141627	40.088	ng	99
74) Fluoranthene	12.45	202	960544	41.169	ng	99
76) Benzidine	12.58	184	313180	32.790	ng	98
77) Pyrene	12.68	202	958177	43.589	ng	99
79) Butylbenzylphthalate	13.30	149	468550	42.831	ng	98
80) Benzo(a)anthracene	13.87	228	740920	42.328	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	157193	24.480	ng	99
82) Chrysene	13.90	228	724610	40.765	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	627781	42.702	ng	# 99
84) Di-n-octyl phthalate	14.47	149	988052	41.327	ng	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	614933	41.889	ng	97
87) Benzo(b)fluoranthene	14.90	252	633621	42.269	ng	99
88) Benzo(k)fluoranthene	14.93	252	578481	40.846	ng	97
89) Benzo(a)pyrene	15.24	252	578277	42.773	ng	98
90) Dibenzo(a,h)anthracene	16.71	278	506150	46.217	ng	97
91) Benzo(g,h,i)perylene	17.12	276	528294	48.855	ng	97

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

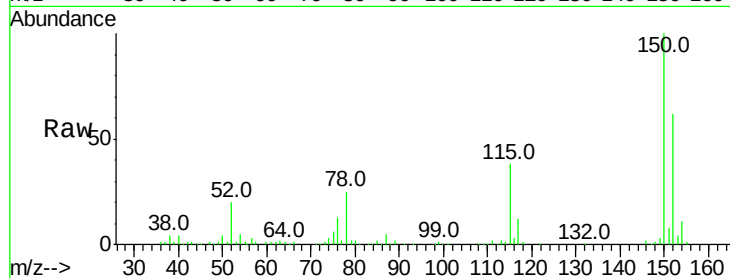


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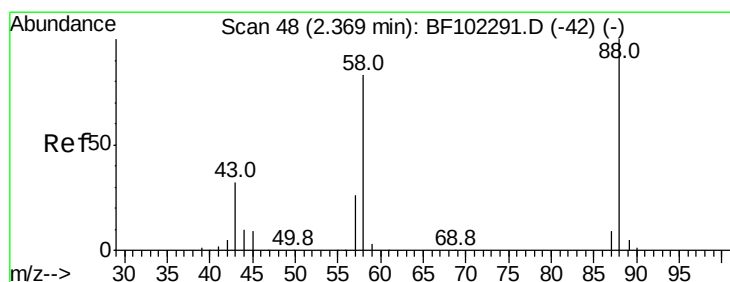
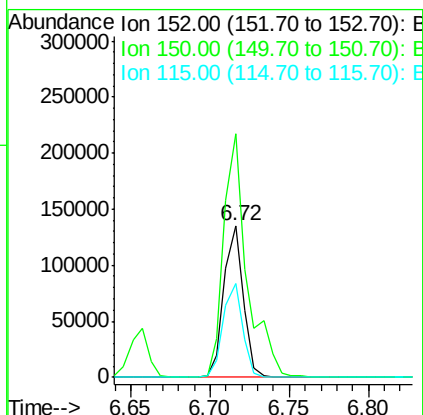
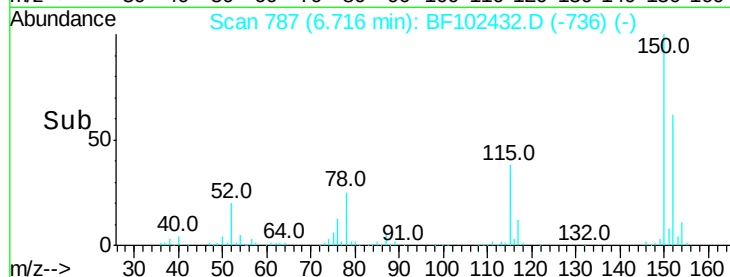
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115405
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 61.7 50.1 75.1



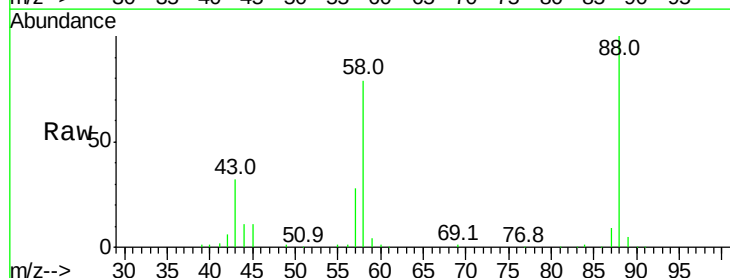
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



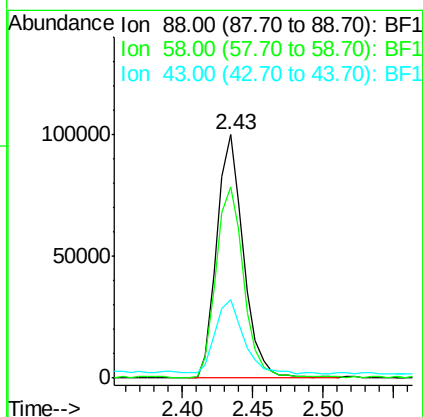
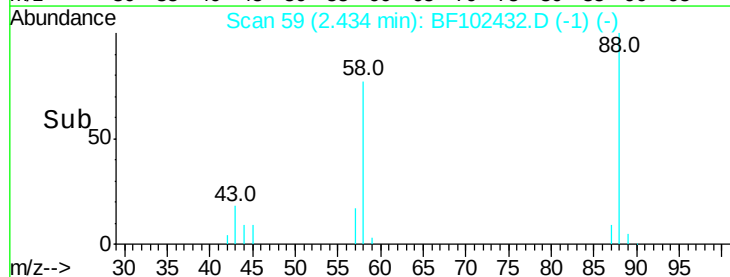
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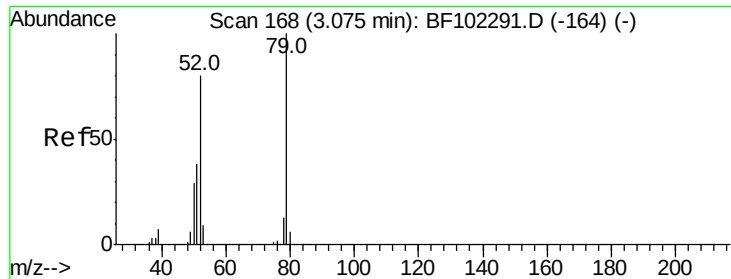
1,4-Dioxane
Concen: 36.453 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.06 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion: 88 Resp: 131825
Ion Ratio Lower Upper
88 100
58 82.2 62.6 93.8
43 32.5 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

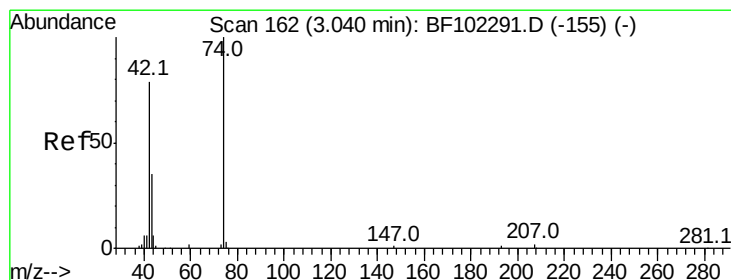
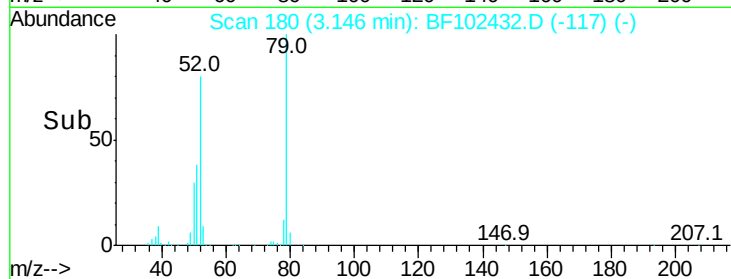
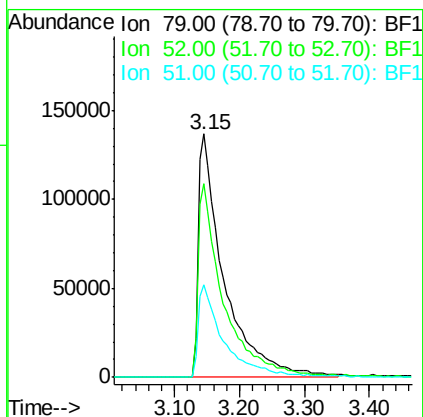
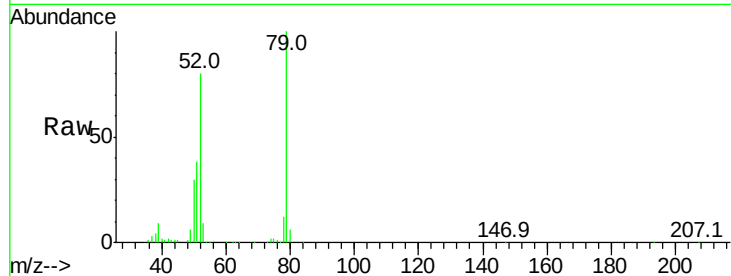




#3
 Pvridine
 Concen: 39.311 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.07 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

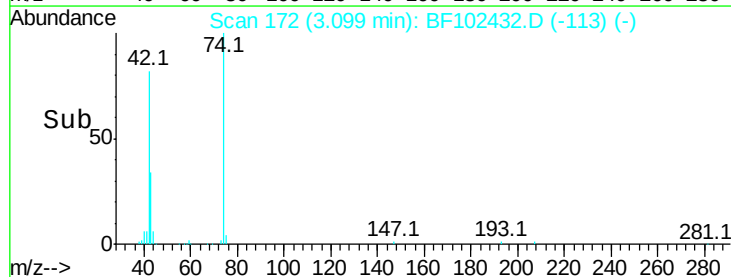
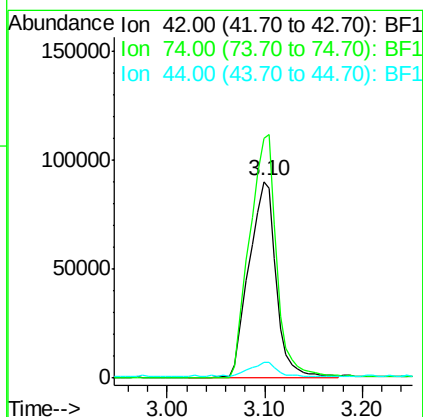
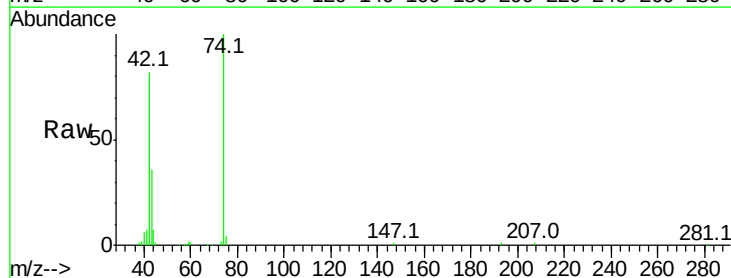
Instrument :
 BNA_F
 ClientSampleId :

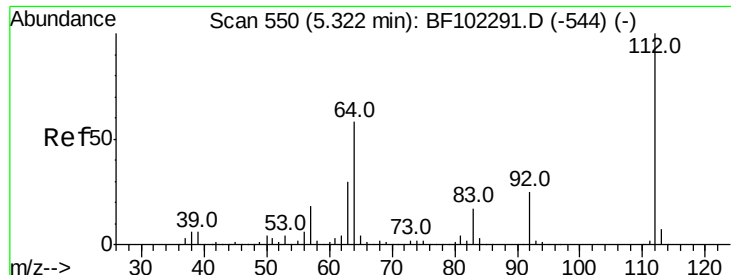
Tot Ion: 79 Resp: 371510
 Ion Ratio Lower Upper
 79 100
 52 79.7 59.8 89.6
 51 38.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 48.325 ng
 RT: 3.10 min Scan# 172
 Delta R.T. 0.05 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion: 42 Resp: 179041
 Ion Ratio Lower Upper
 42 100
 74 122.1 104.9 157.3
 44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 121.086 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

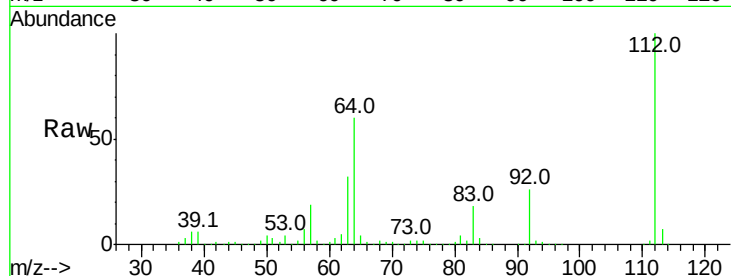
Tot Ion:112 Resp: 921608

Ion Ratio Lower Upper

112 100

64 59.9 47.9 71.9

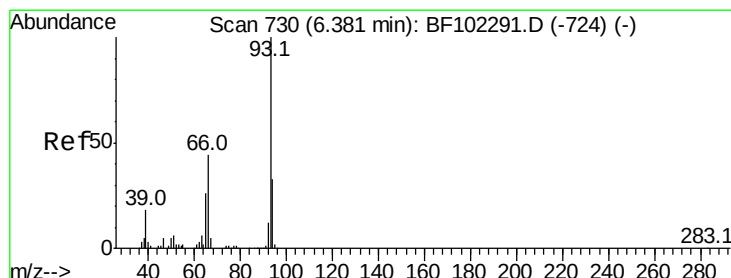
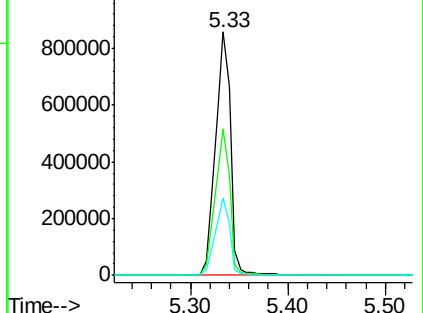
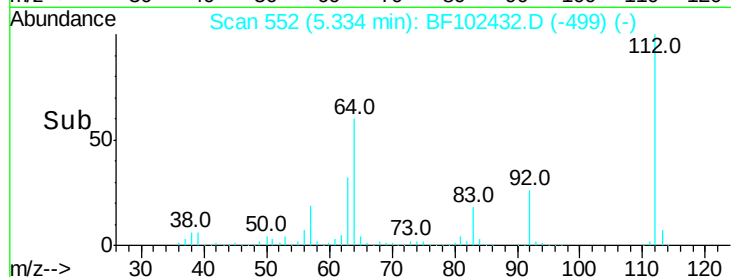
63 31.6 23.7 35.5



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: 22.655 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

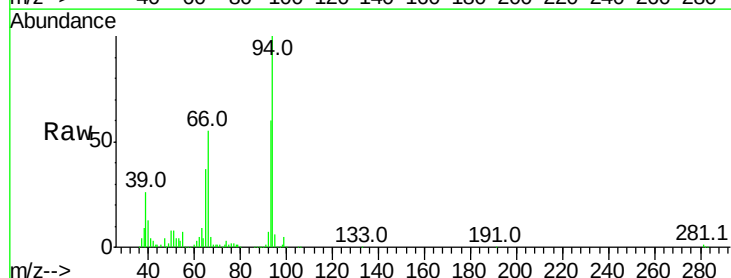
Tgt Ion: 93 Resp: 274963

Ion Ratio Lower Upper

93 100

66 91.7 32.2 48.2#

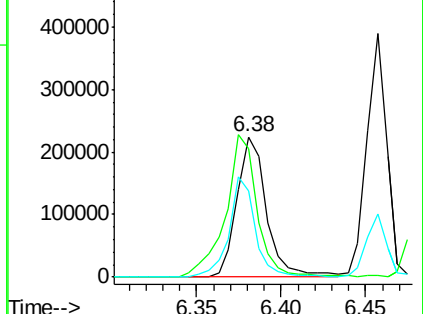
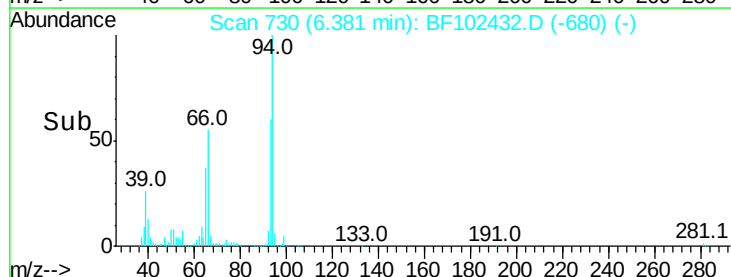
65 61.6 16.4 24.6#

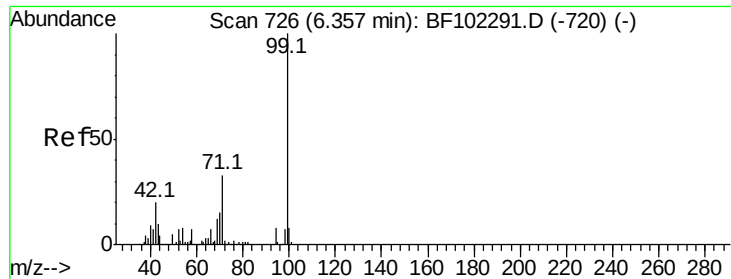


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.577 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampled :

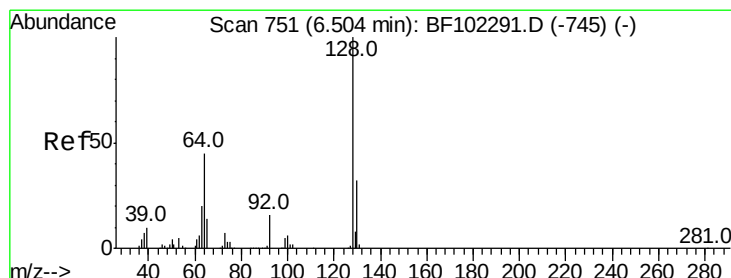
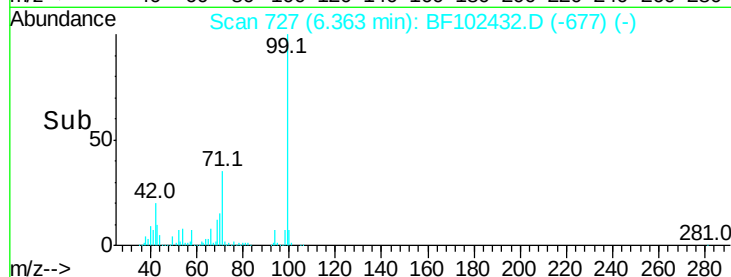
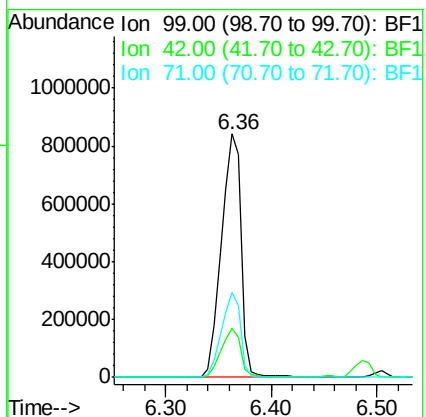
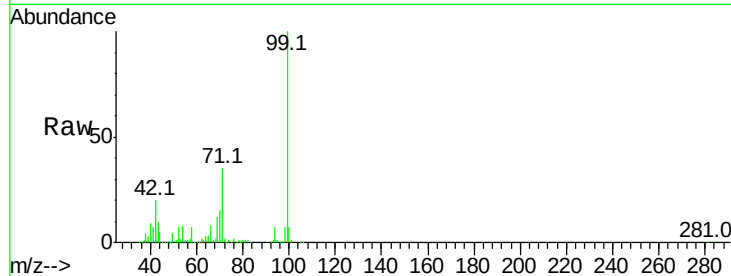
Tot Ion: 99 Resp: 1097227

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 35.0 25.4 38.0



#8

2-Chlorophenol

Concen: 43.861 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

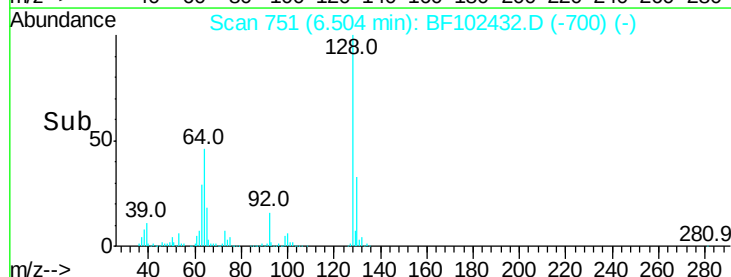
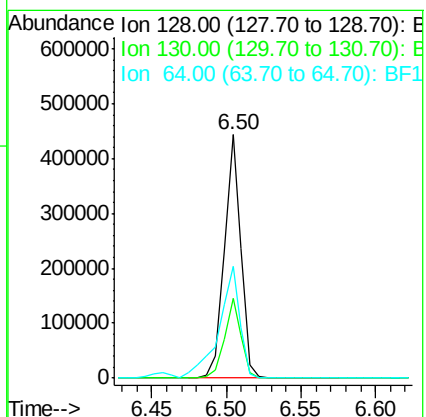
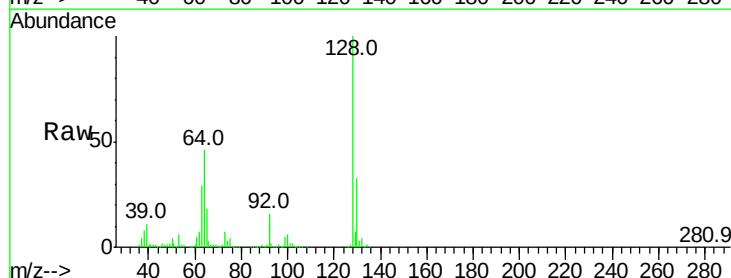
Tgt Ion:128 Resp: 349947

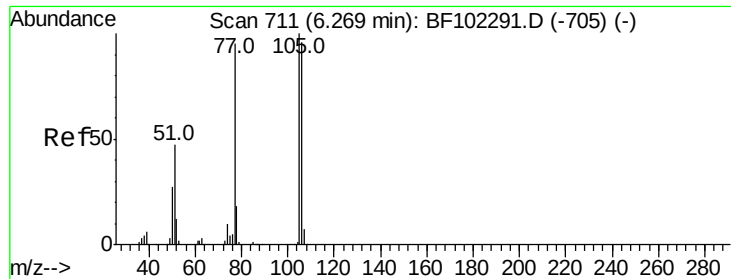
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 46.1 29.4 69.4





#9

Benzaldehyde

Concen: 31.422 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampled :

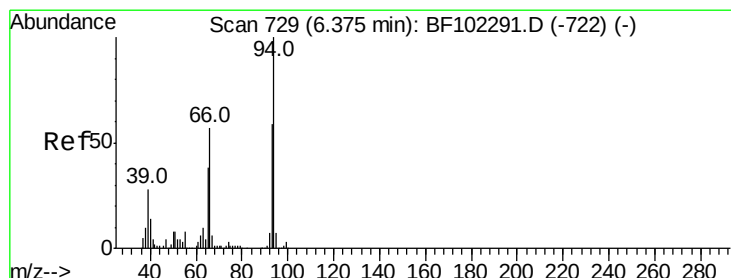
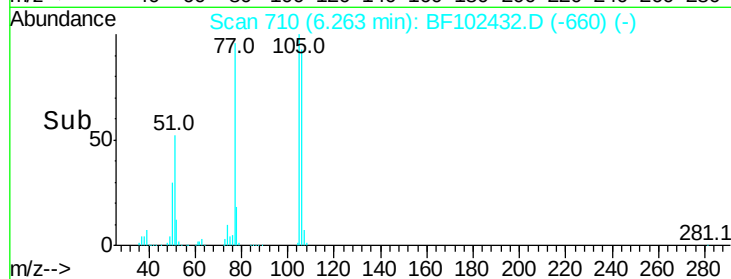
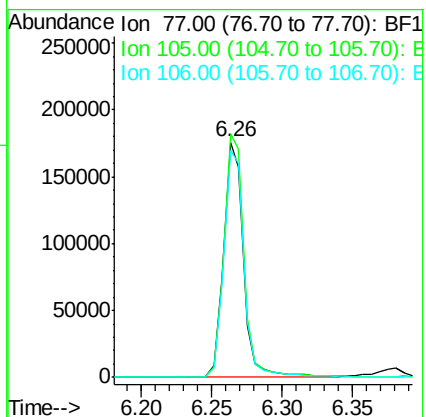
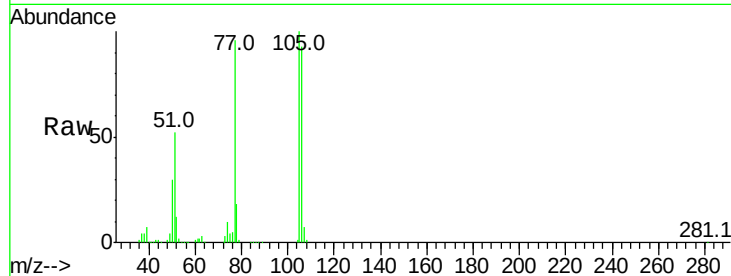
Tot Ion: 77 Resp: 171820

Ion Ratio Lower Upper

77 100

105 103.7 81.1 121.1

106 96.6 74.5 114.5



#10

Phenol

Concen: 40.503 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

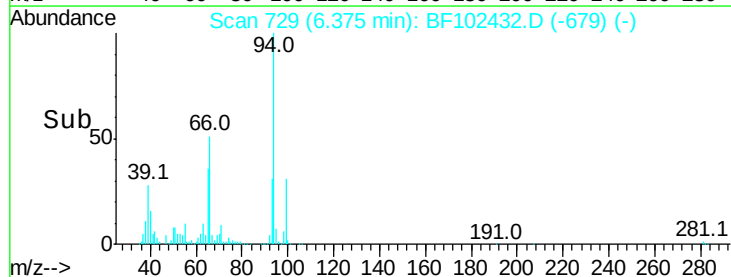
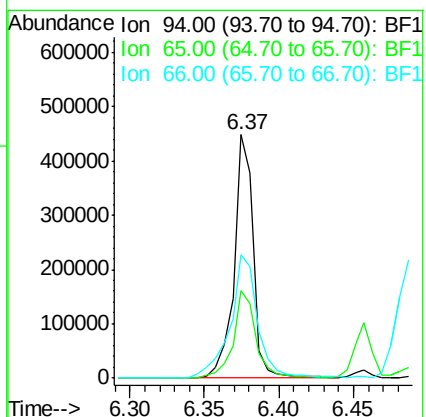
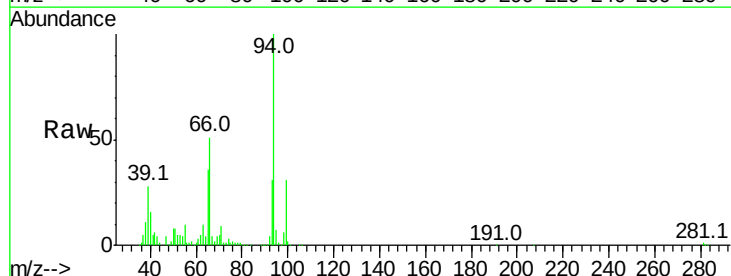
Tgt Ion: 94 Resp: 405748

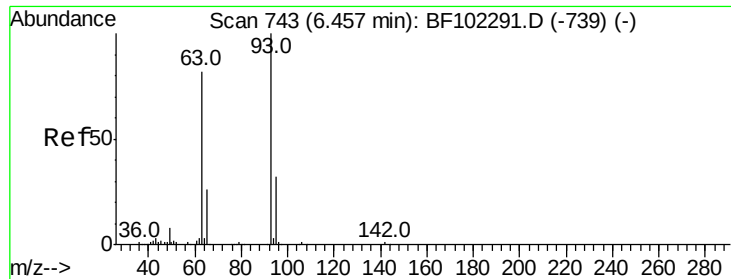
Ion Ratio Lower Upper

94 100

65 35.9 7.9 47.9

66 50.6 16.2 56.2

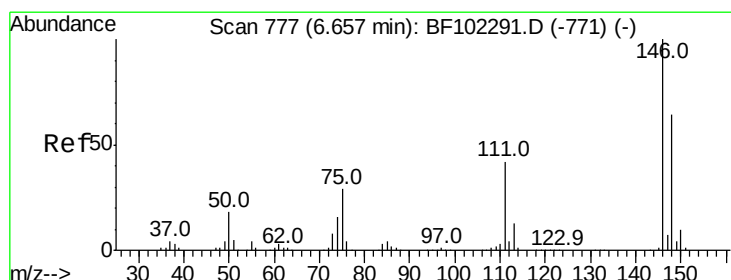
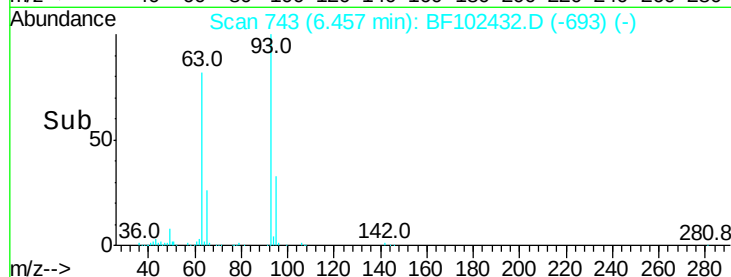
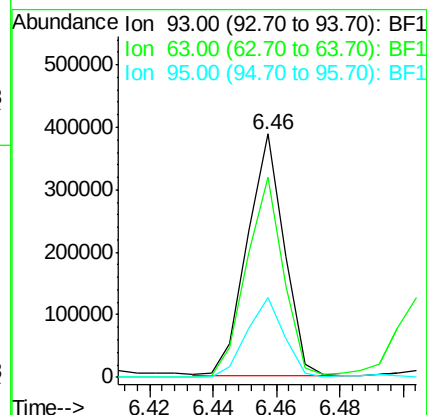
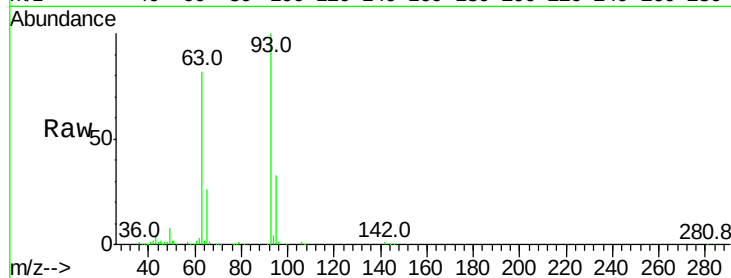




#11
bis(2-Chloroethyl)ether
Concen: 41.088 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

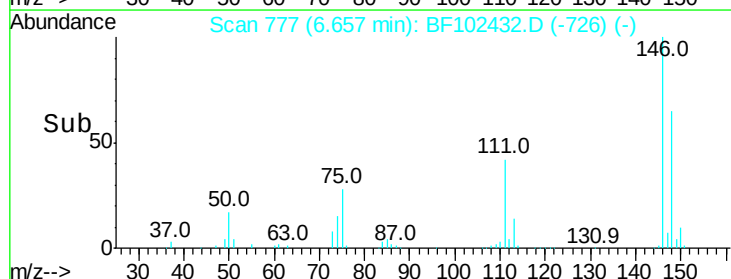
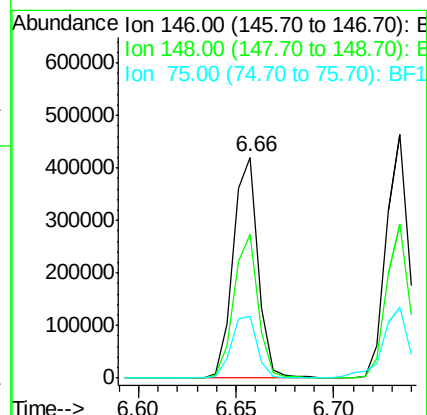
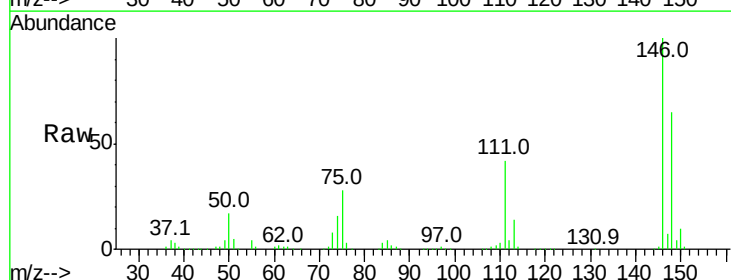
Instrument :
BNA_F
ClientSampleId :

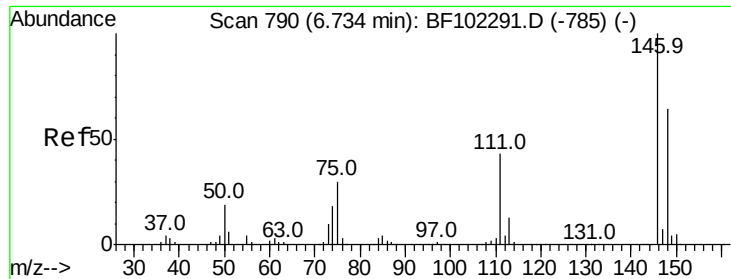
Tot Ion:	93	Resp:	313056
Ion	Ratio	Lower	Upper
93	100		
63	82.2	58.6	98.6
95	32.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 39.155 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion:	146	Resp:	371536
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	28.0	24.2	36.4

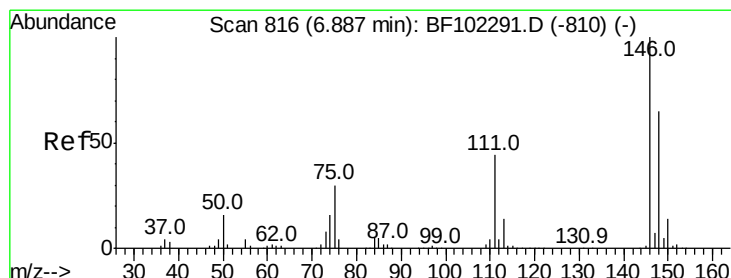
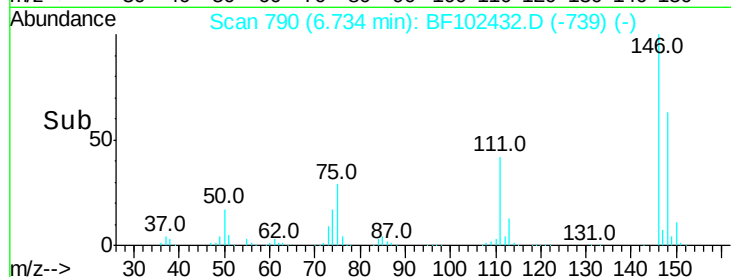
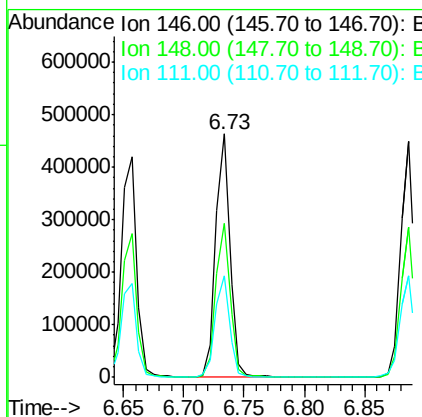
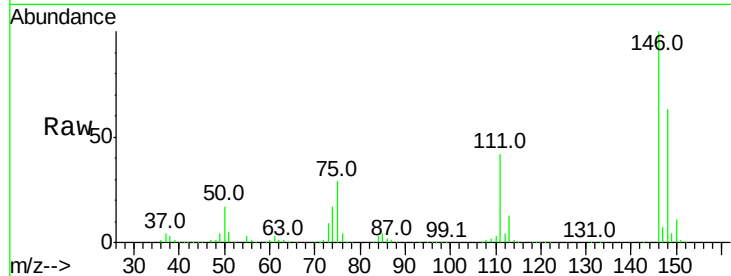




#13
 1,4-Dichlorobenzene
 Concen: 39.836 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

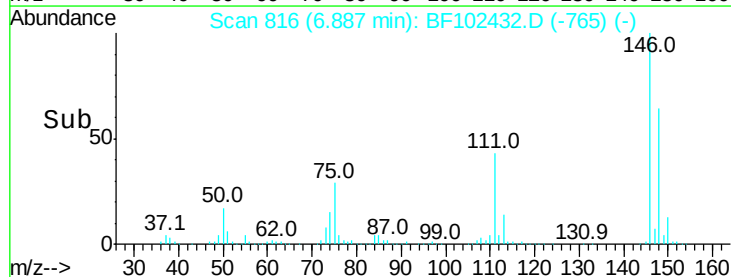
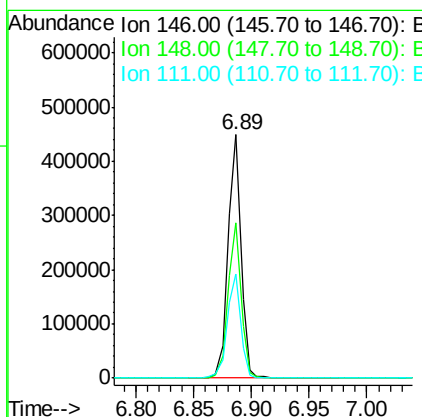
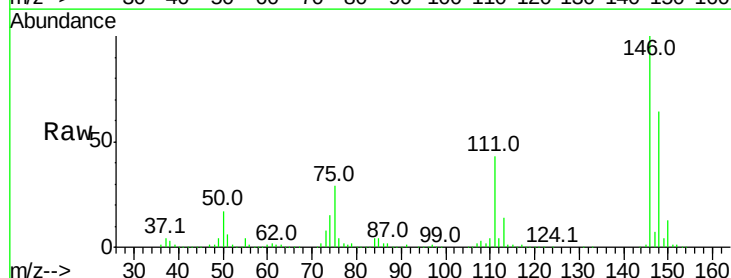
Instrument :
 BNA_F
 ClientSampled :

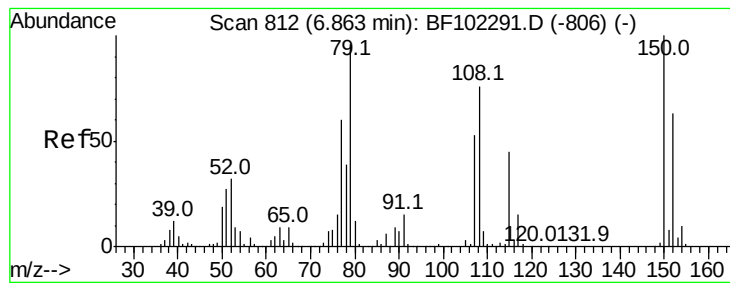
Tot Ion:146 Resp: 378648
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 41.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.358 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:146 Resp: 350882
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 42.9 36.0 54.0

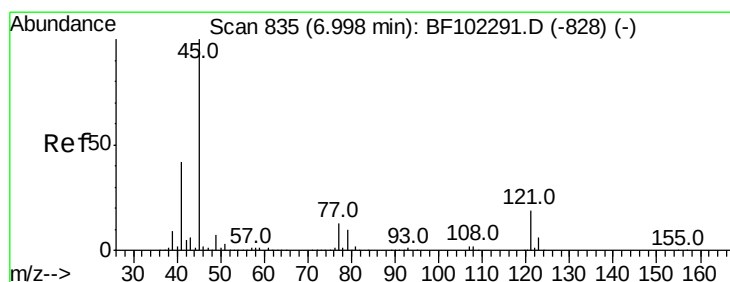
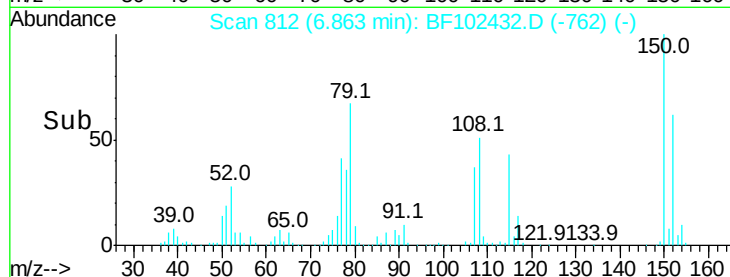
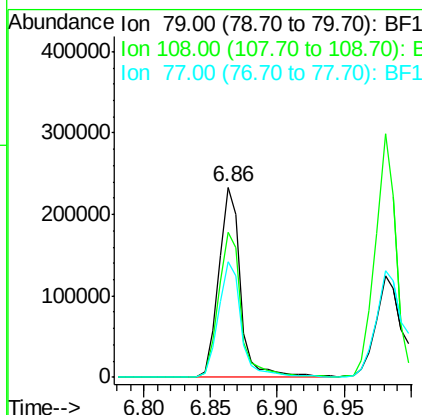
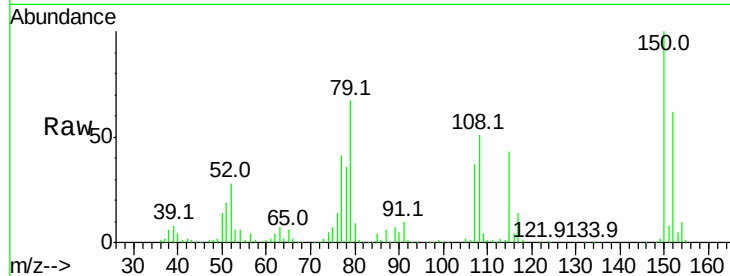




#15
Benzyl Alcohol
Concen: 42.008 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

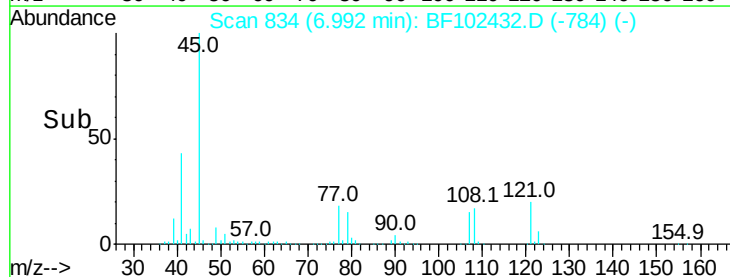
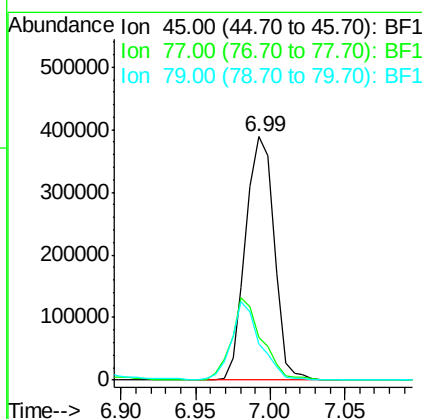
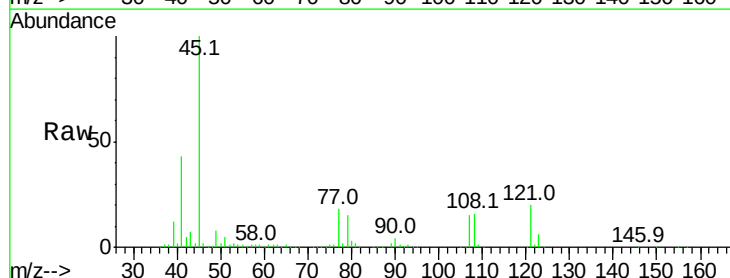
Instrument :
BNA_F
ClientSampled :

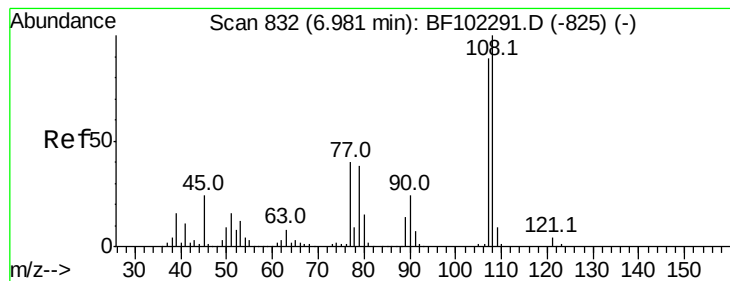
Tot Ion: 79 Resp: 271970
Ion Ratio Lower Upper
79 100
108 76.0 65.1 97.7
77 60.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.336 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion: 45 Resp: 515435
Ion Ratio Lower Upper
45 100
77 17.6 0.0 32.9
79 14.9 0.0 29.6

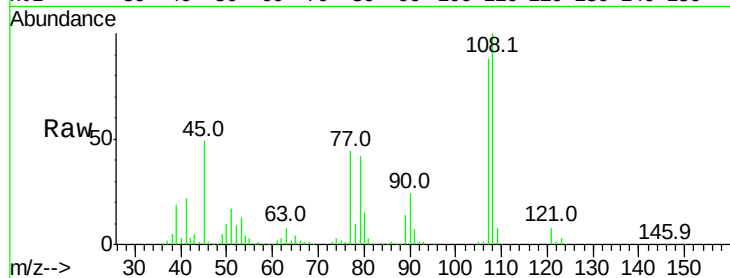




#17
2-Methylphenol
Concen: 40.532 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	49.3	33.8	50.8
79	47.2	33.8	50.8



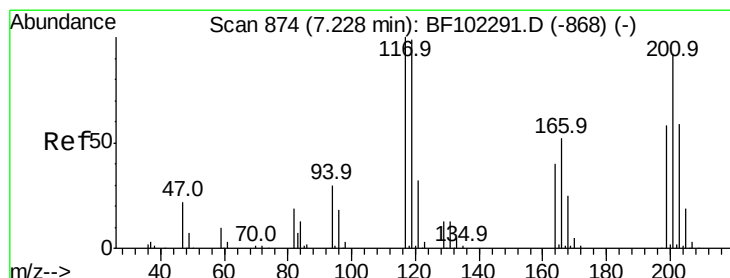
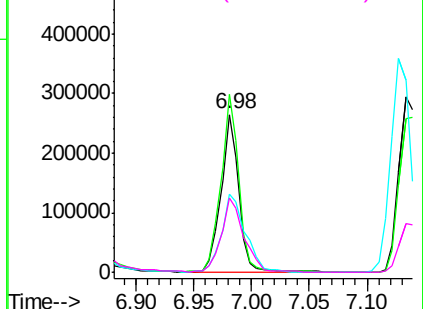
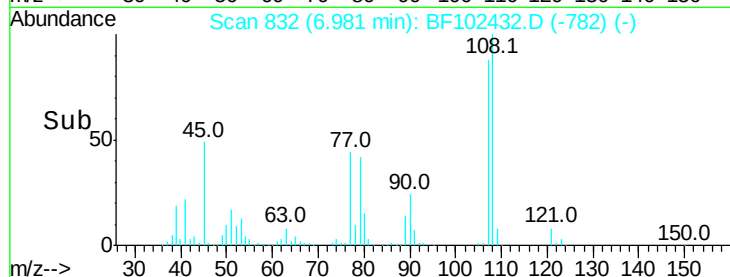
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

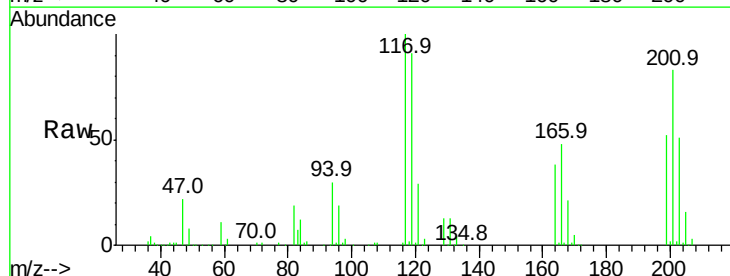
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.844 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.3	75.8	113.8
201	83.1	75.7	113.5

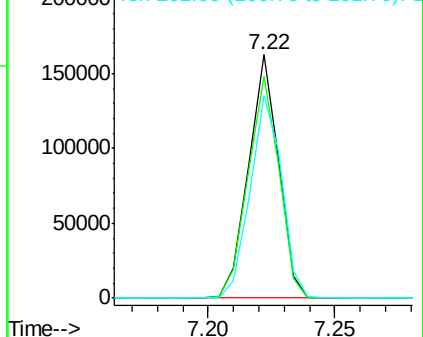
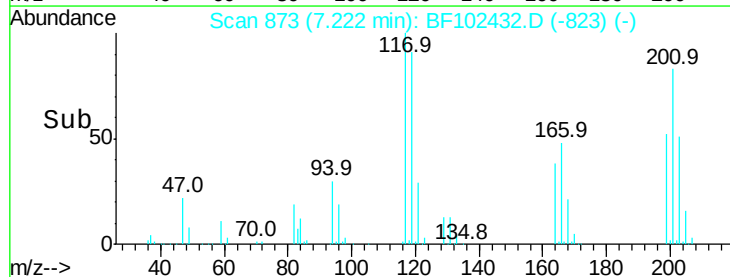


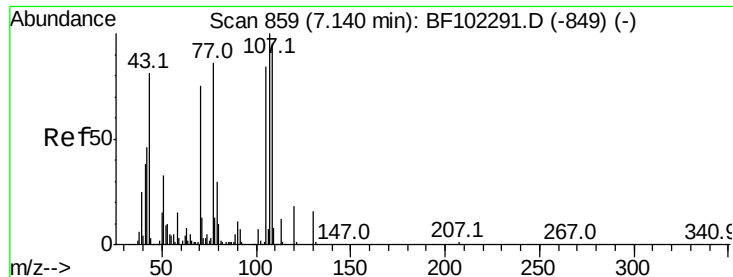
Abundance

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

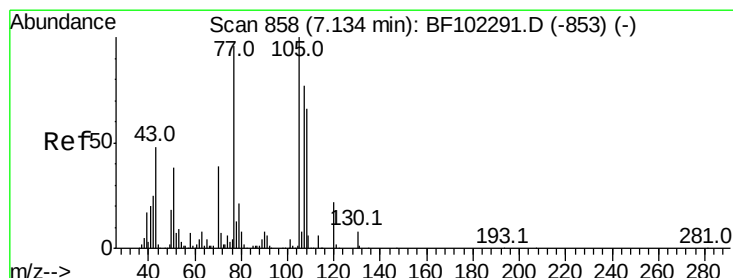
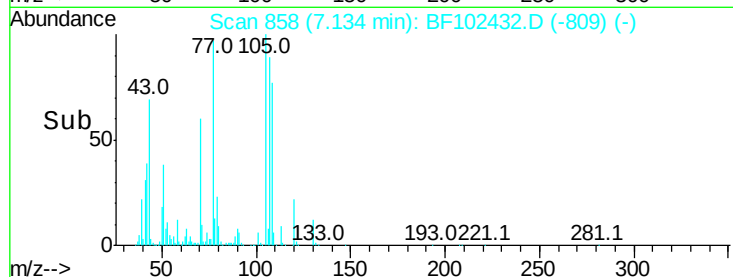
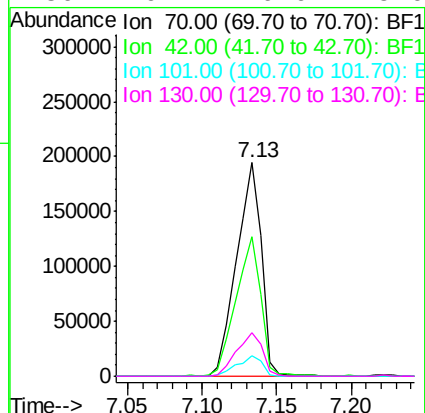
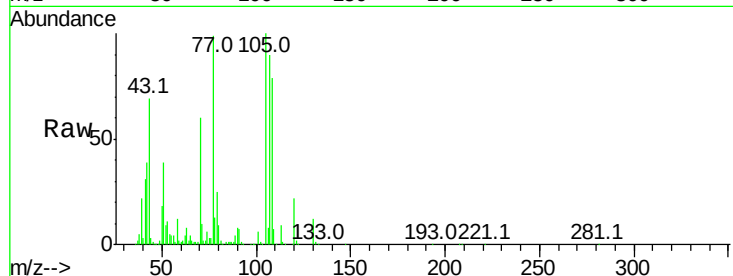




#19
n-Nitroso-di-n-propylamine
Concen: 40.369 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

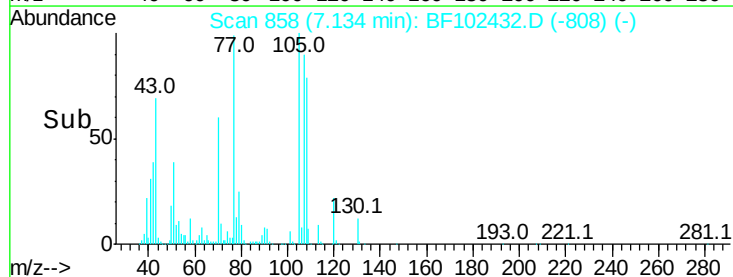
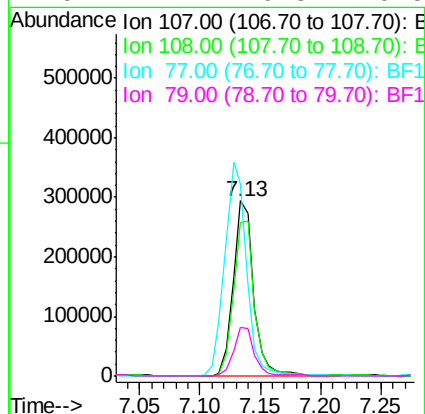
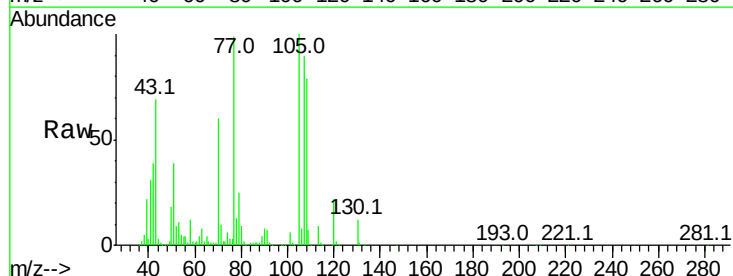
Instrument :
BNA_F
ClientSampleId :

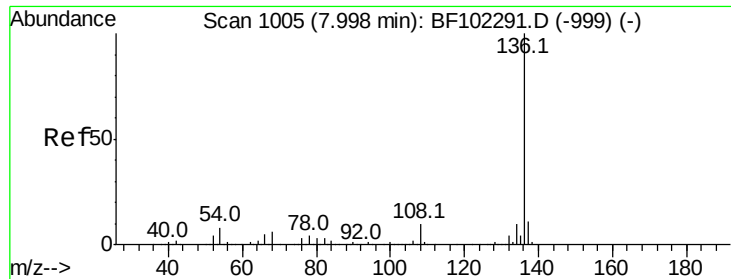
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.3	47.5	71.3	
101	9.7	7.4	11.2	
130	20.2	16.6	25.0	



#20
3+4-Methylphenols
Concen: 42.670 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	68.2	108.2	
77	109.7	26.7	66.7	
79	27.7	6.3	46.3	

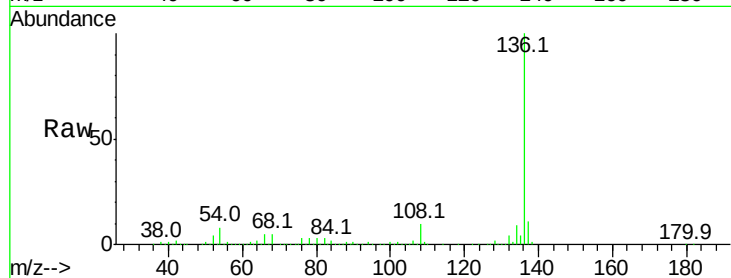




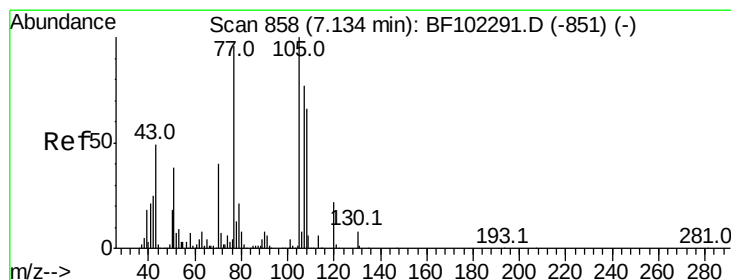
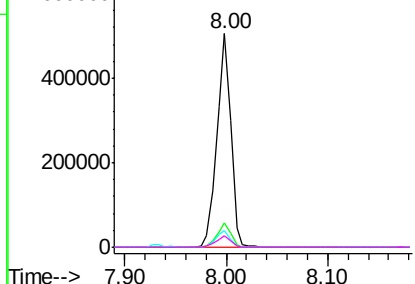
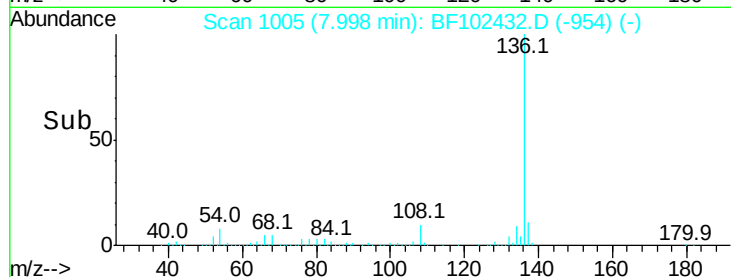
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	481901	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.9	13.3	
54 8.1	6.6	9.8	
68 5.4	5.0	7.4	

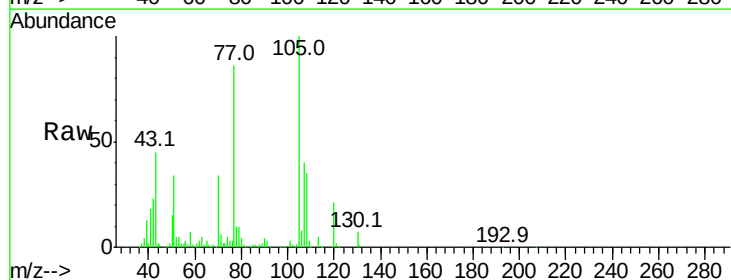


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

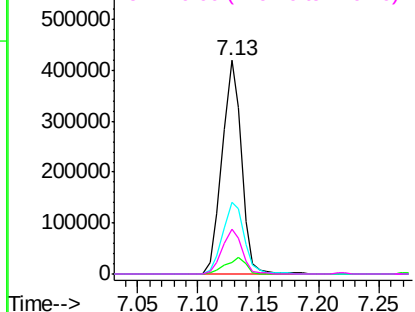
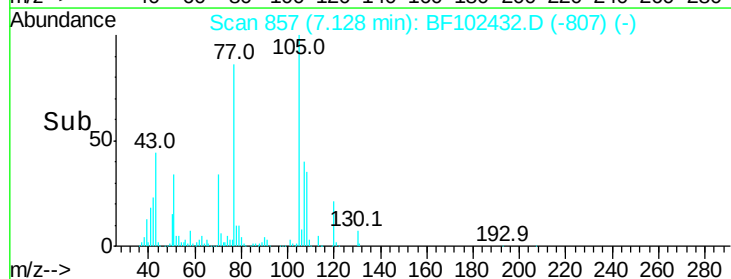


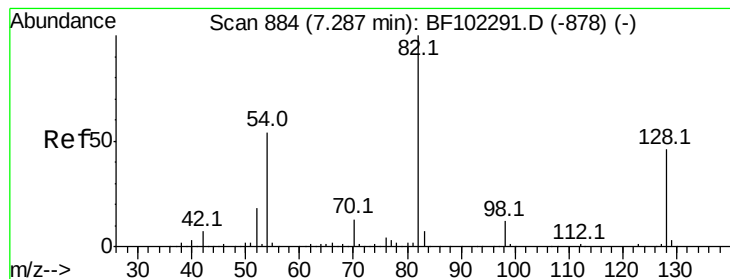
#22
Acetophenone
Concen: 40.722 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt	Ion:105	Resp:	467804
Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.4	6.6
51	33.6	22.3	33.5#
120	21.3	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: 82.504 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampled :

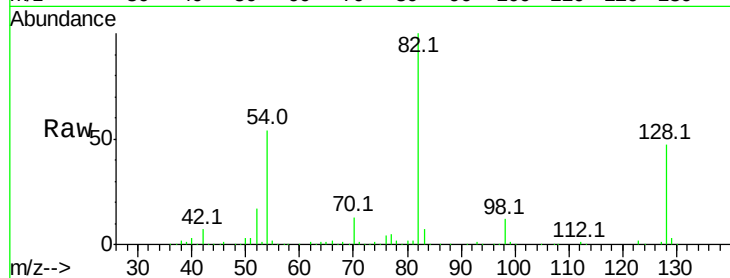
Tot Ion: 82 Resp: 691859

Ion Ratio Lower Upper

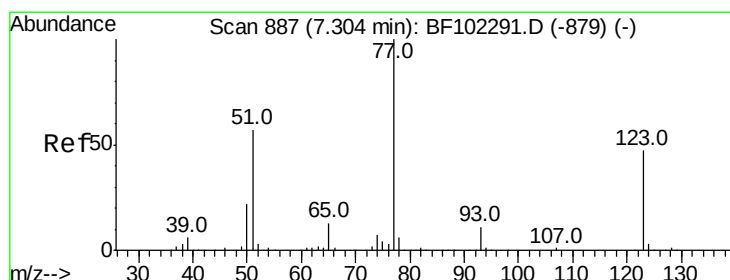
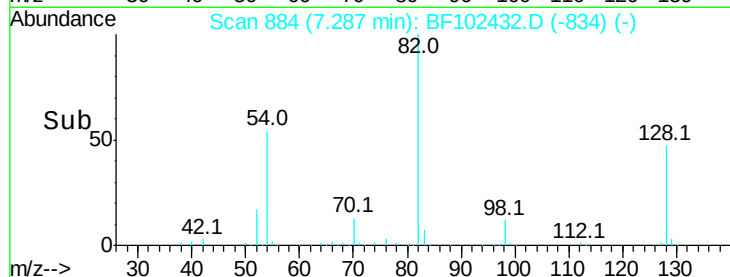
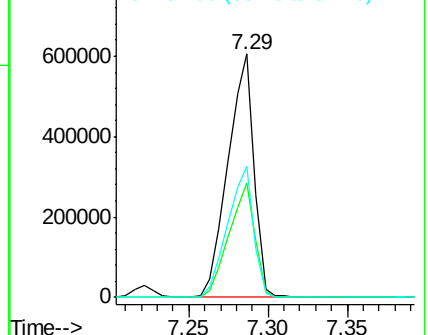
82 100

128 46.7 36.1 54.1

54 53.9 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: 41.081 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

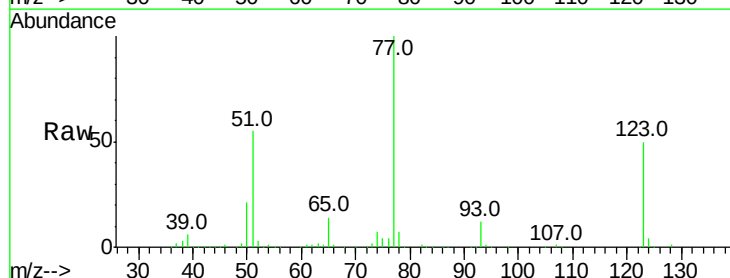
Tgt Ion: 77 Resp: 352542

Ion Ratio Lower Upper

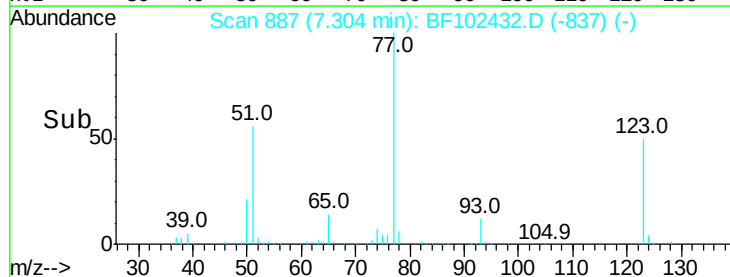
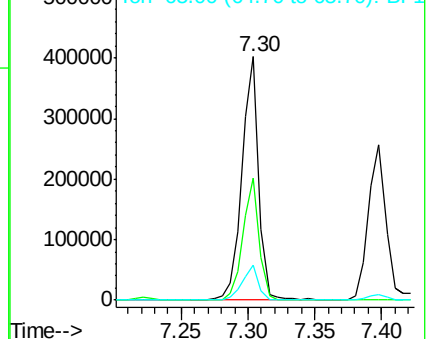
77 100

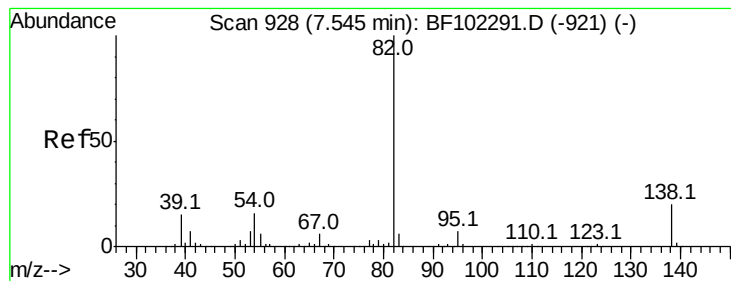
123 50.1 37.9 56.9

65 14.2 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: 43.432 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

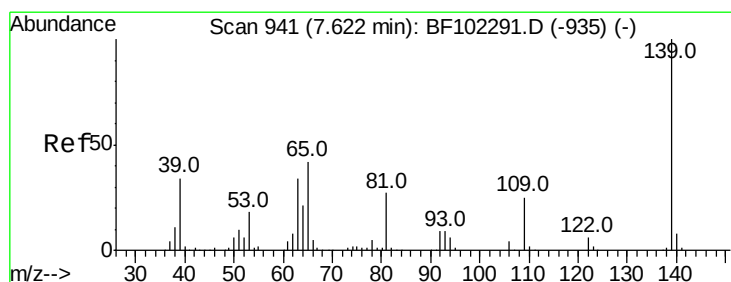
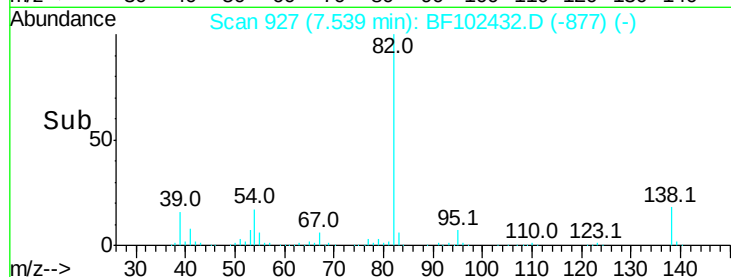
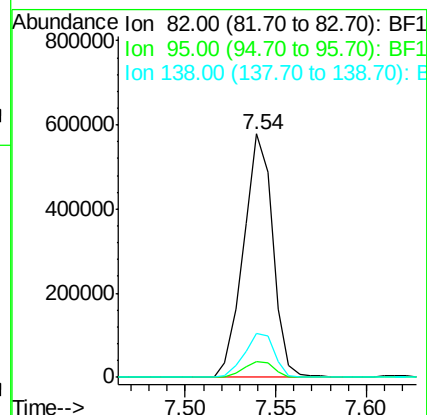
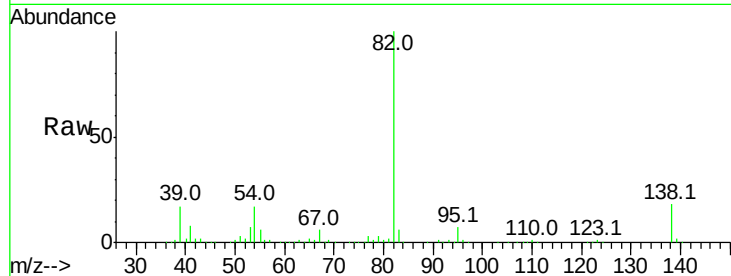
Tot Ion: 82 Resp: 649290

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.2 14.9 22.3



#26

2-Nitrophenol

Concen: 43.158 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

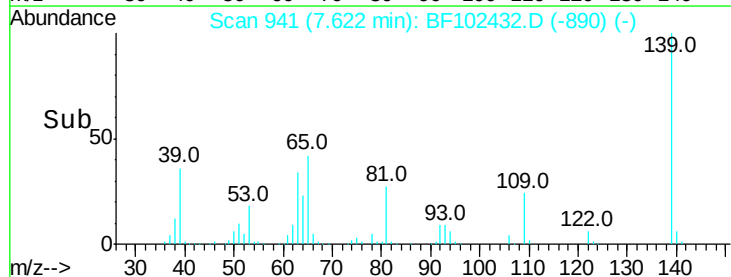
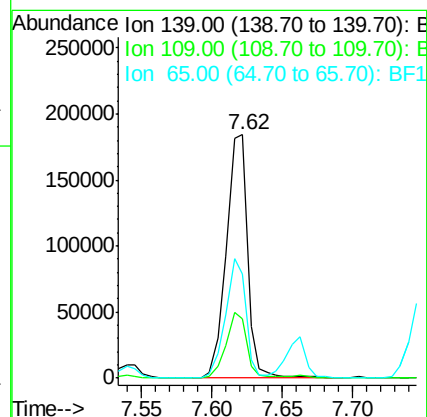
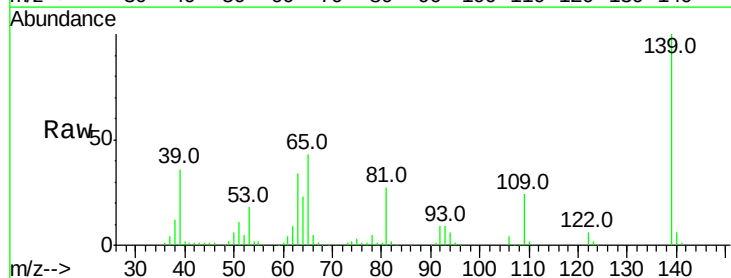
Tgt Ion: 139 Resp: 194929

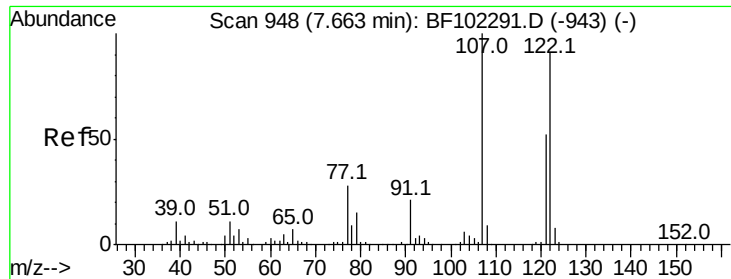
Ion Ratio Lower Upper

139 100

109 24.1 22.7 34.1

65 42.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 46.992 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampled :

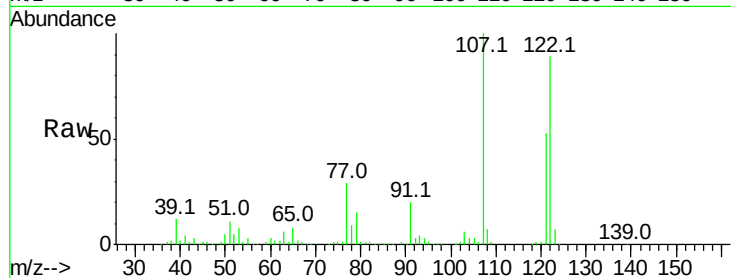
Tot Ion:122 Resp: 308190

Ion Ratio Lower Upper

122 100

107 112.1 91.2 136.8

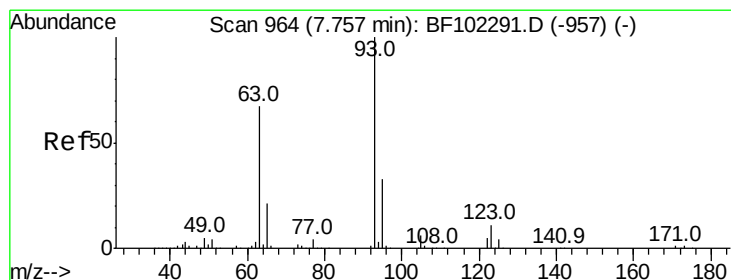
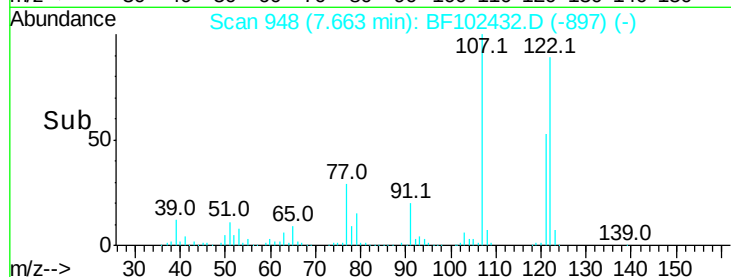
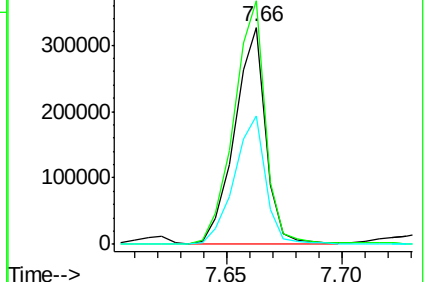
121 58.8 47.2 70.8



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: 44.362 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

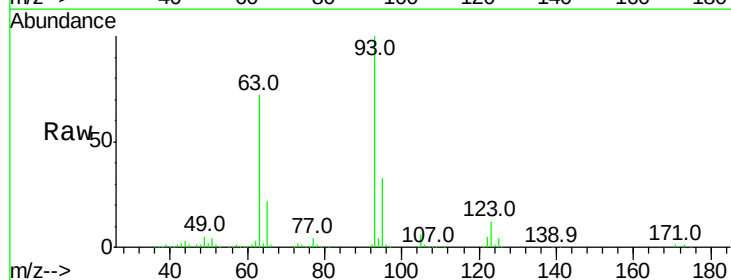
Tgt Ion: 93 Resp: 409684

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

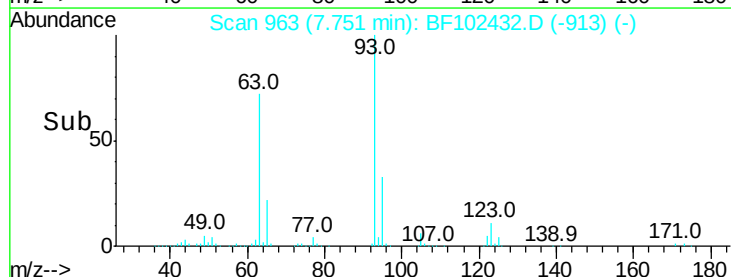
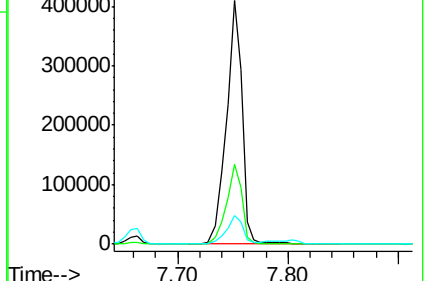
123 11.5 9.8 14.6

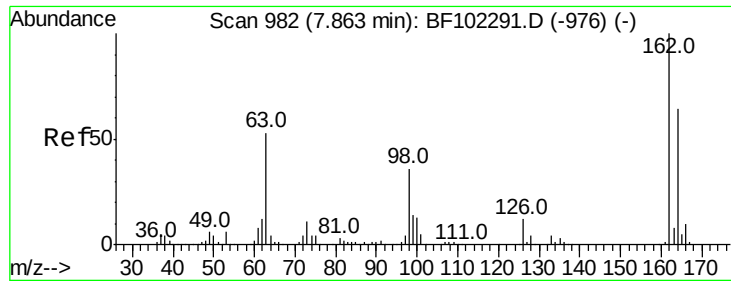


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

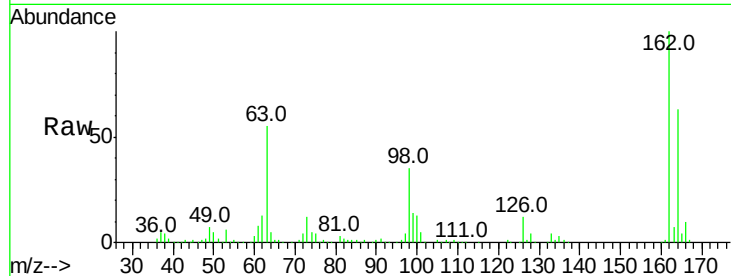




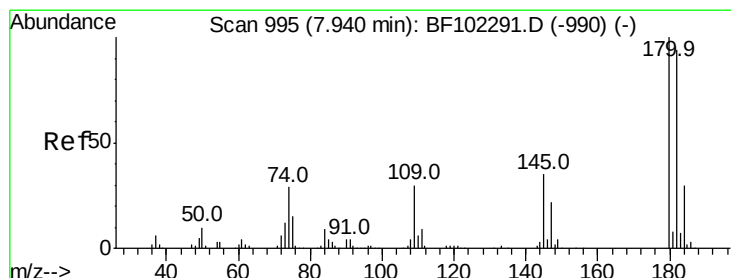
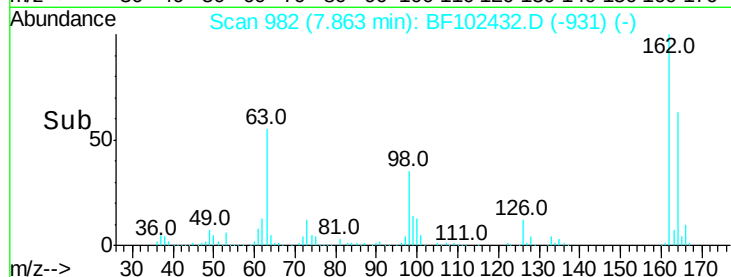
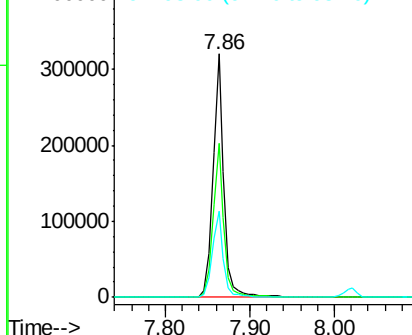
#29
 2,4-Dichlorophenol
 Concen: 44.237 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	35.3	18.1	58.1

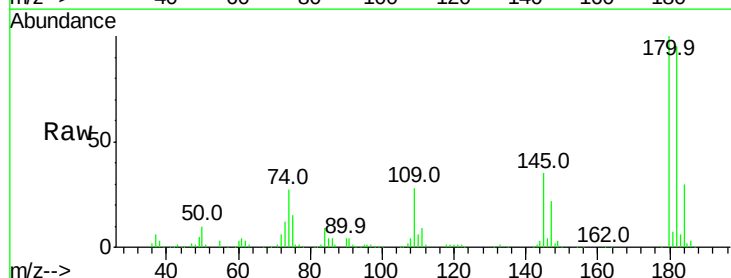


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

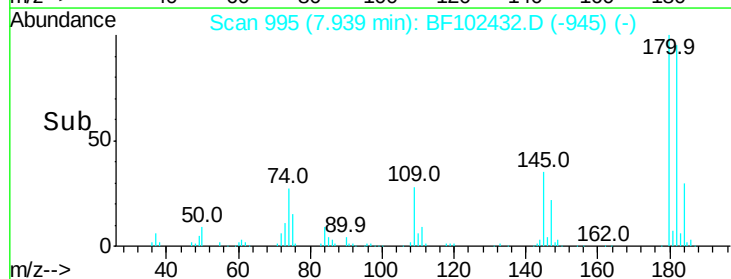
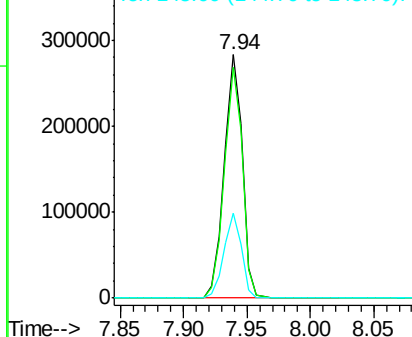


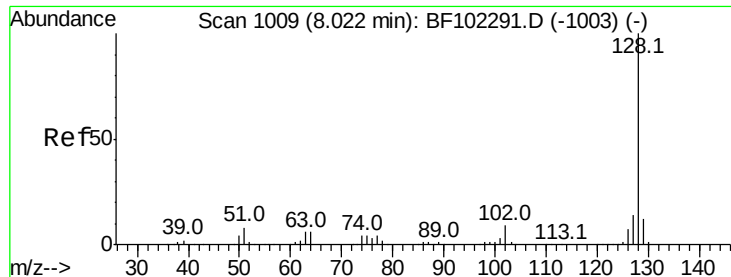
#30
 1,2,4-Trichlorobenzene
 Concen: 39.327 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.8	115.2
145	34.8	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

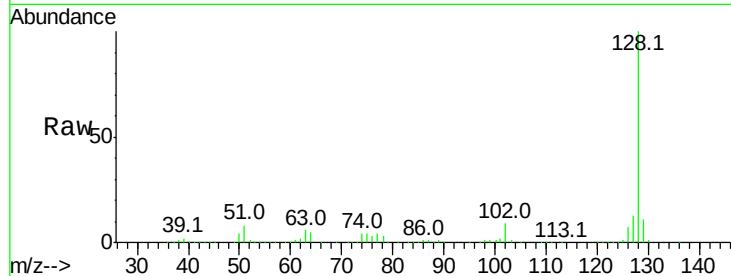




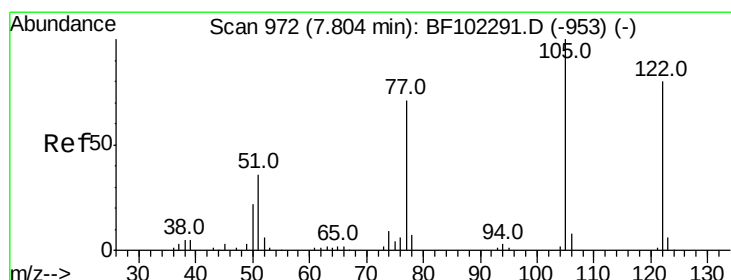
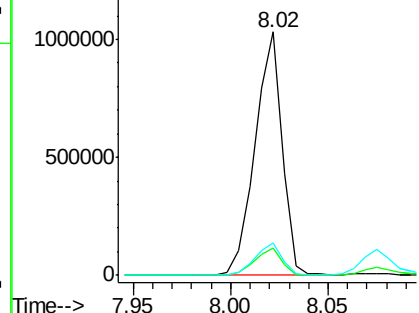
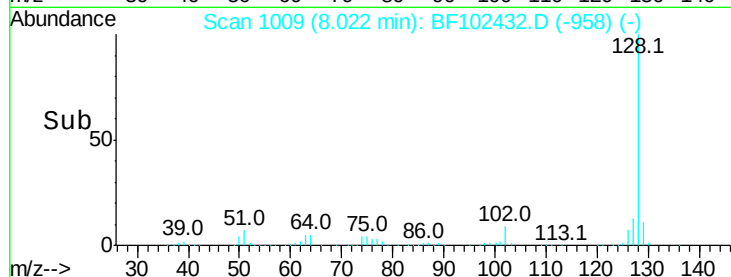
#31
Naphthalene
Concen: 41.145 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 989970
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.9 16.3

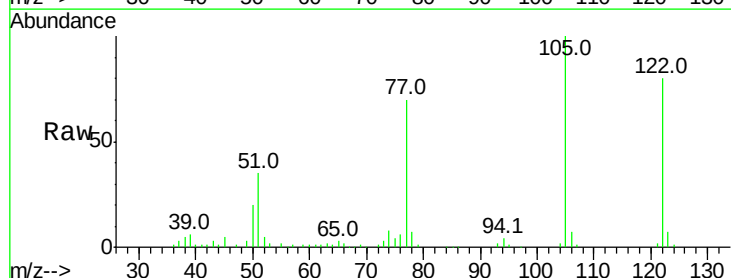


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

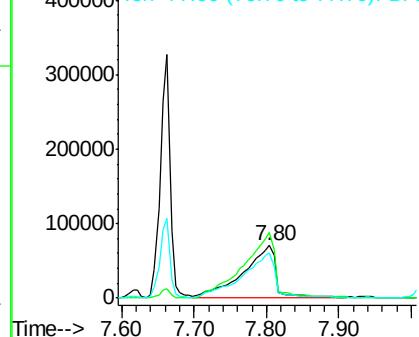
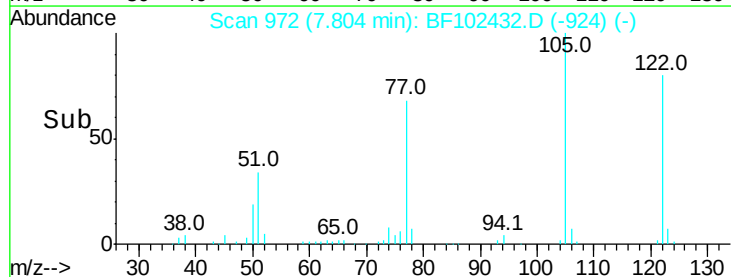


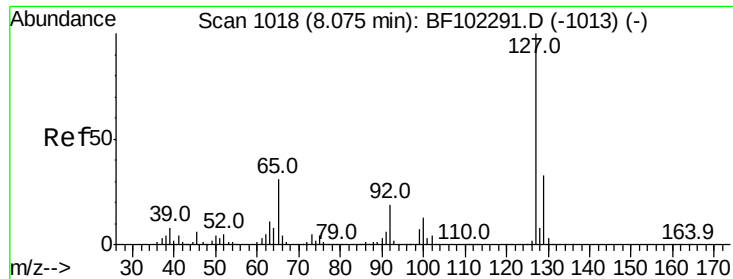
#32
Benzoic acid
Concen: 39.431 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion:122 Resp: 216662
Ion Ratio Lower Upper
122 100
105 124.3 101.1 141.1
77 86.9 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

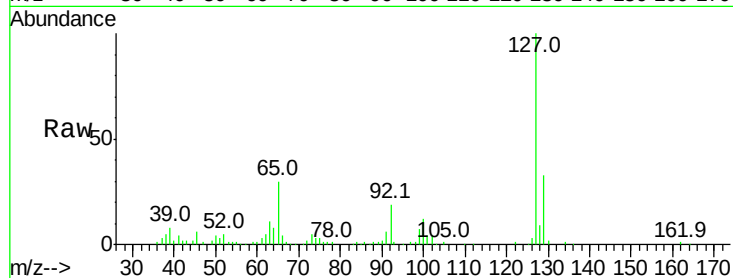




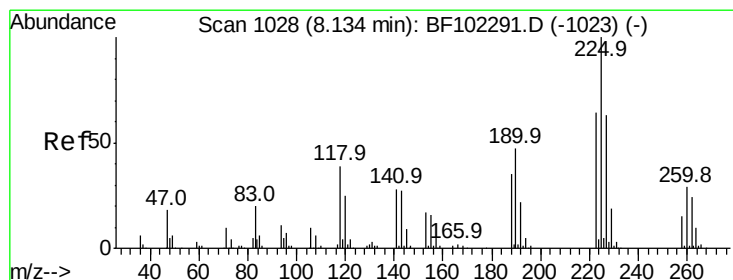
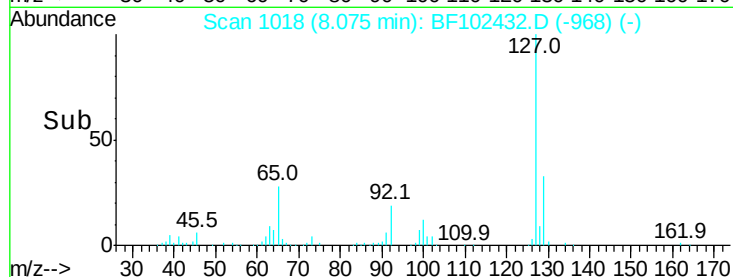
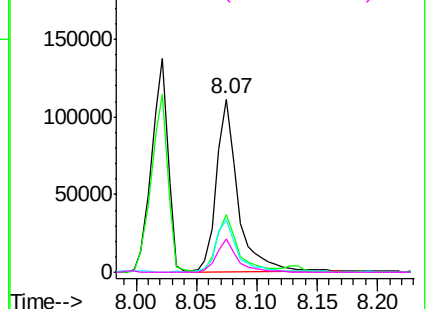
#33
4-Chloroaniline
Concen: 13.209 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	133642
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	30.1	25.0	37.4
92	19.3	15.2	22.8

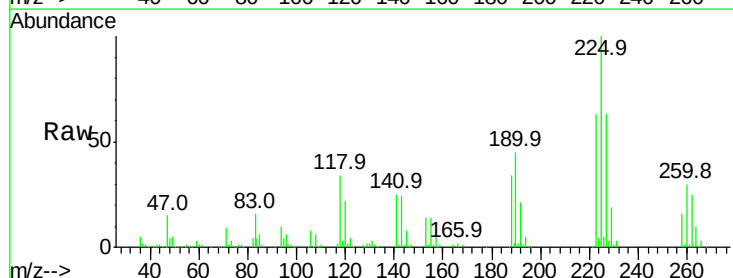


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

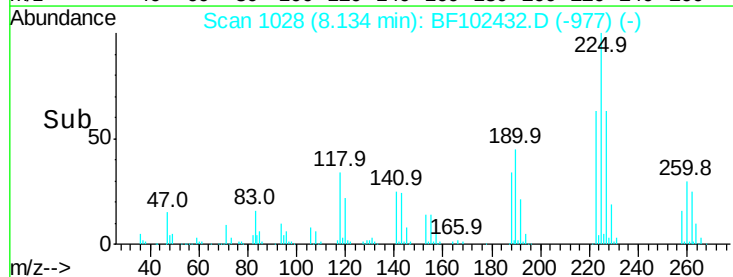
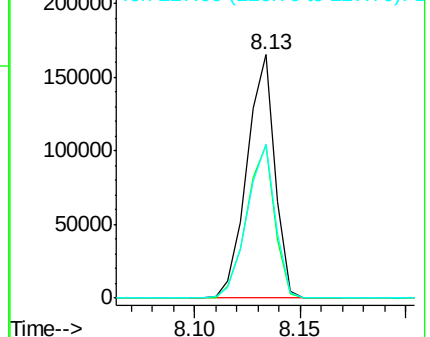


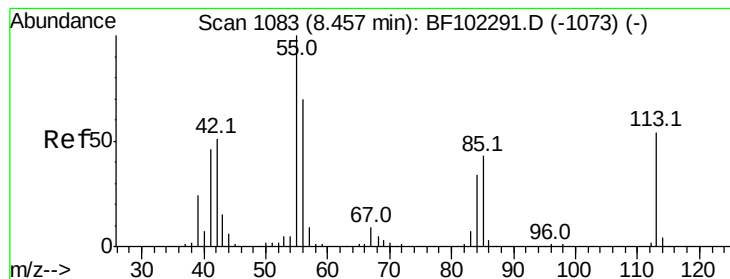
#34
Hexachlorobutadiene
Concen: 39.646 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion:	225	Resp:	151639
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	63.4	51.9	77.9



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





#35

Caprolactam

Concen: 13.258 ng

RT: 8.49 min Scan# 1089

Delta R.T. 0.02 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampled :

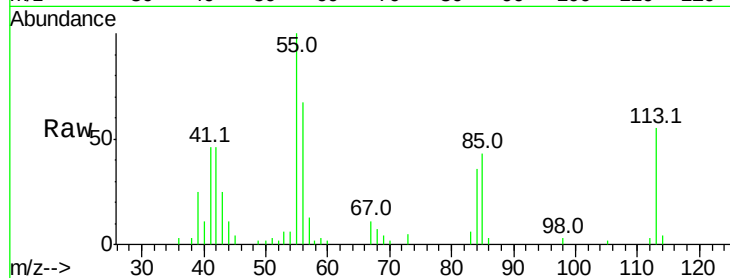
Tot Ion:113 Resp: 29252

Ion Ratio Lower Upper

113 100

55 181.5 163.3 203.3

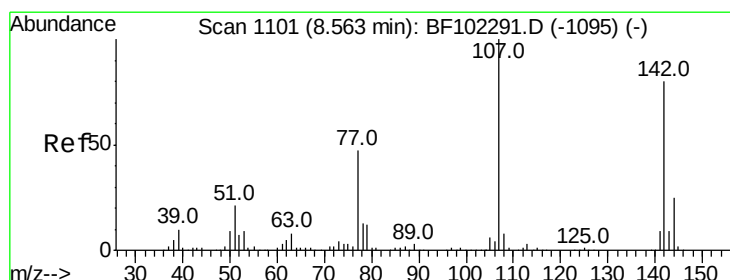
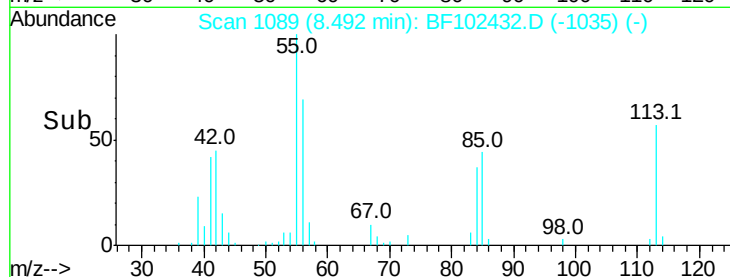
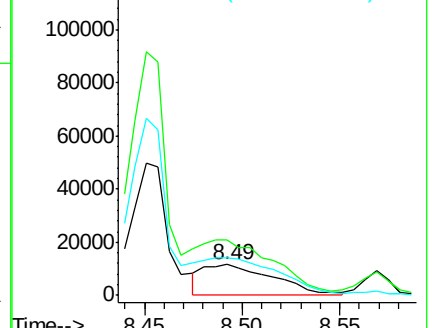
56 121.7 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.859 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

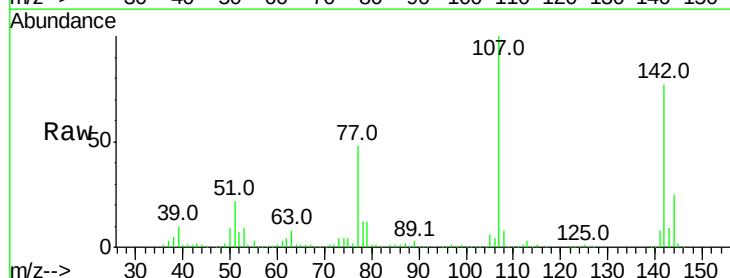
Tgt Ion:107 Resp: 315891

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

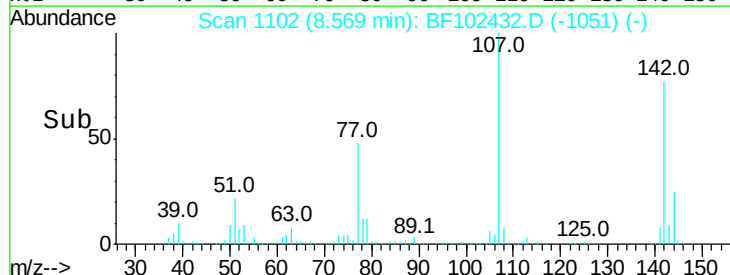
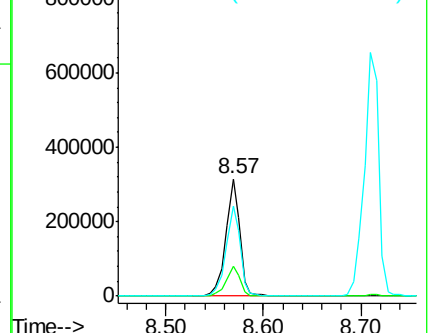
142 77.3 62.0 93.0

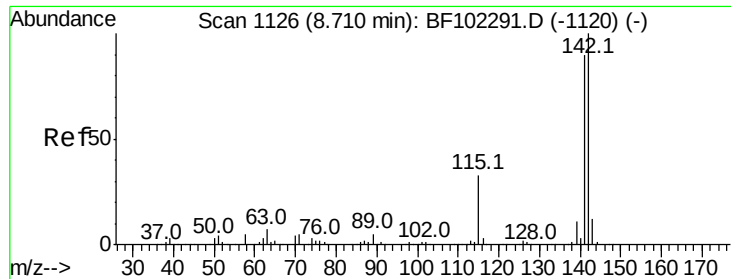


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

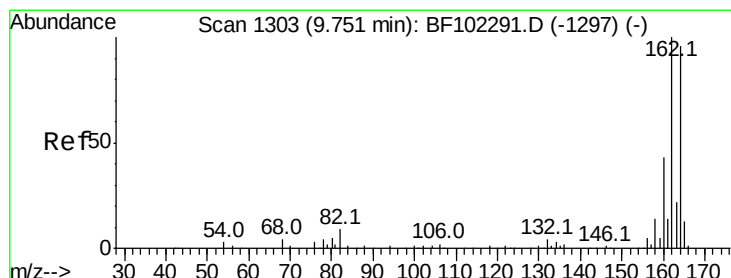
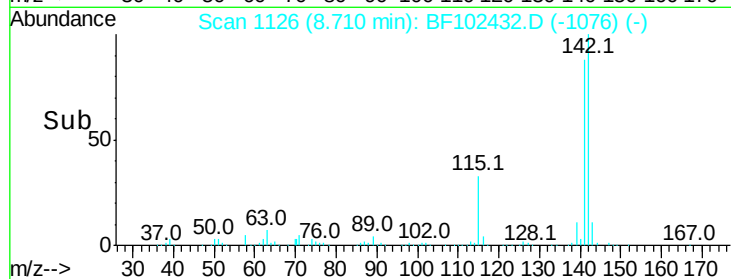
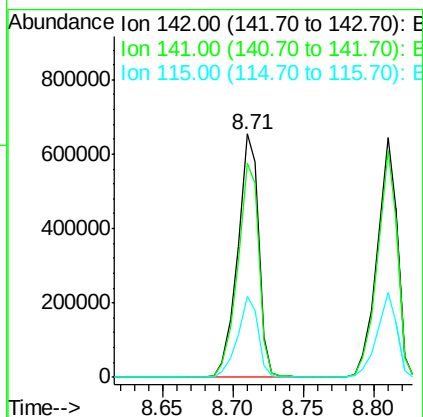
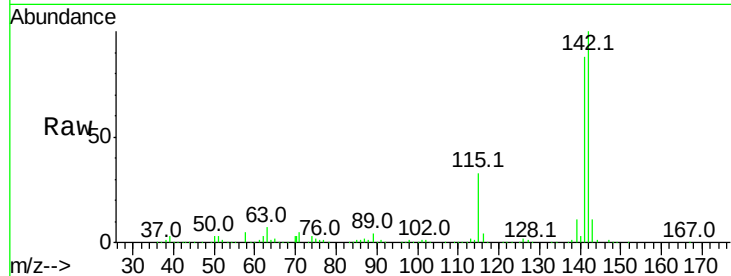




#37
2-Methylnaphthalene
Concen: 42.164 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

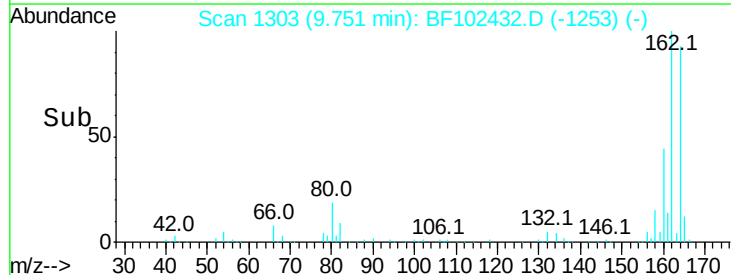
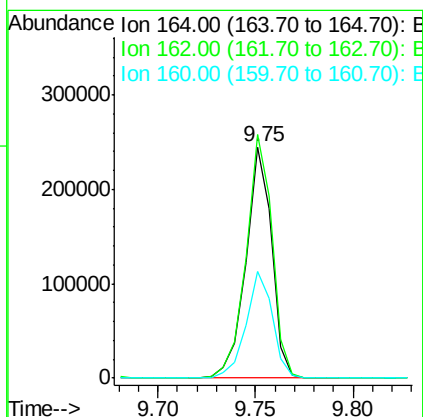
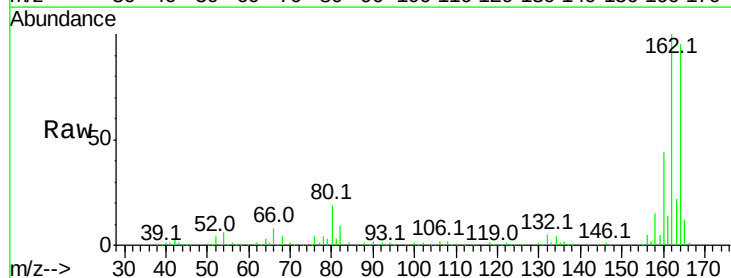
Instrument :
BNA_F
ClientSampled :

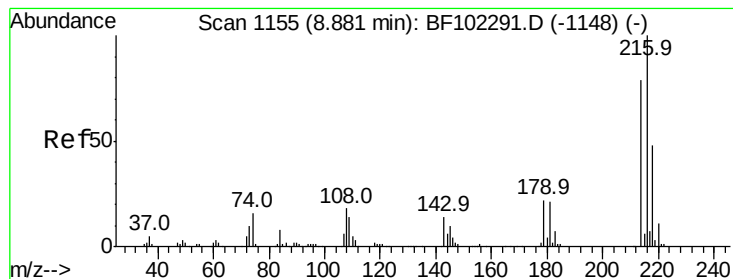
Tot Ion:142 Resp: 675626
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2
115 33.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion:164 Resp: 224149
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 46.3 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.385 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 265600

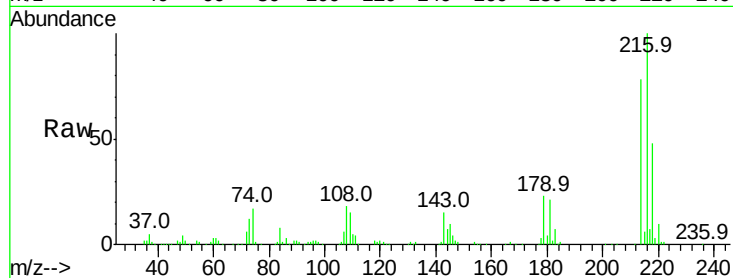
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 22.6 18.1 27.1

108 22.9 17.2 25.8

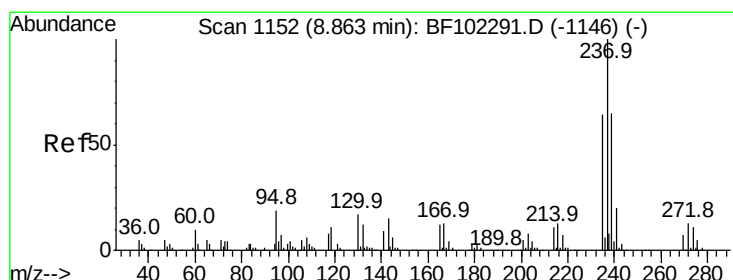
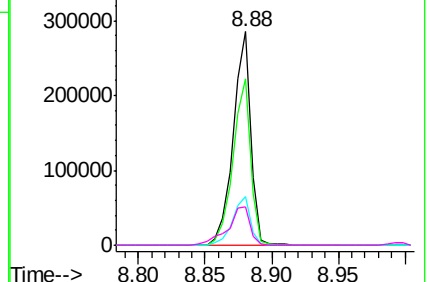
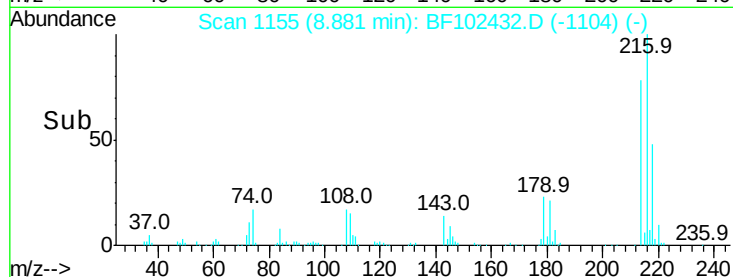


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.351 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

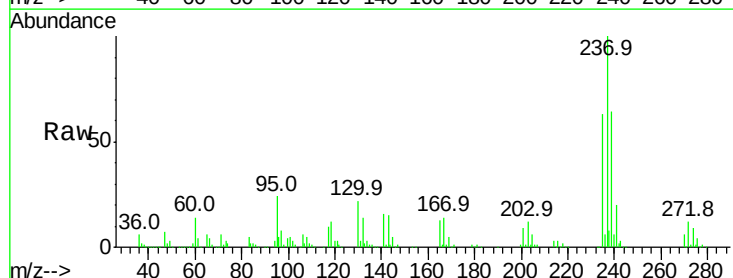
Tgt Ion:237 Resp: 245516

Ion Ratio Lower Upper

237 100

235 62.6 44.8 84.8

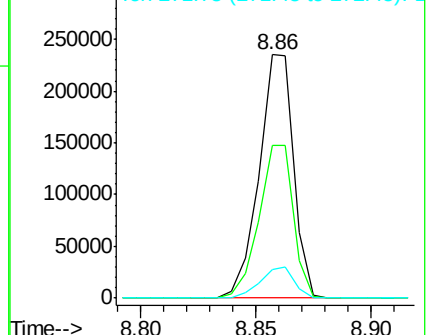
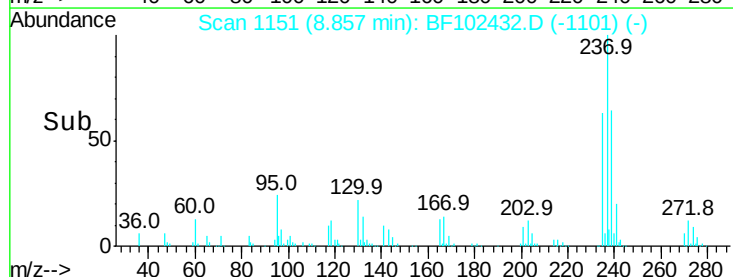
272 11.7 0.0 33.3

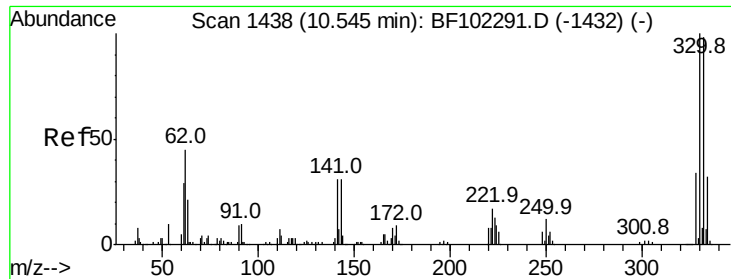


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

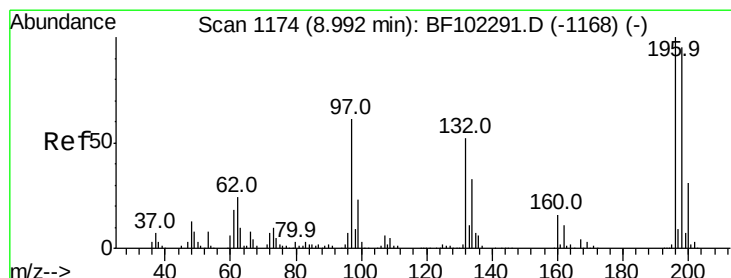
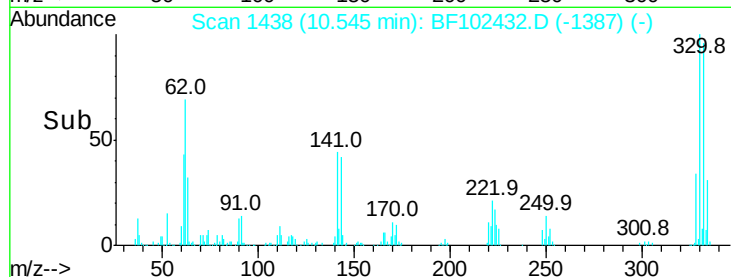
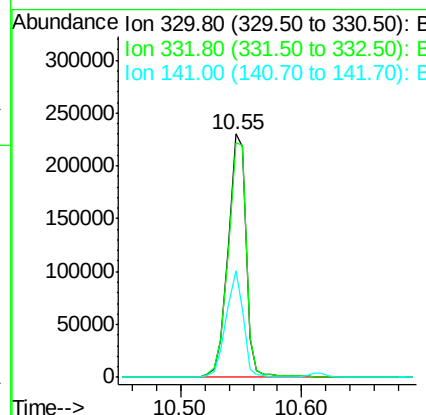
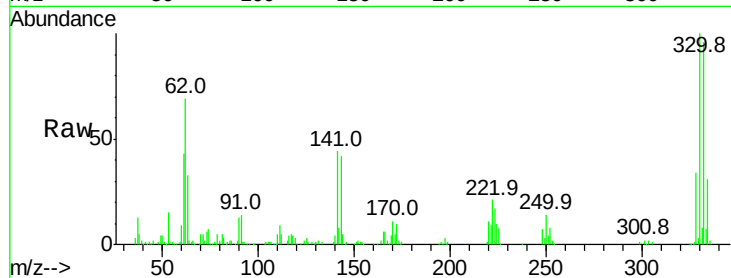




#41
 2,4,6-Tribromophenol
 Concen: 107.576 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

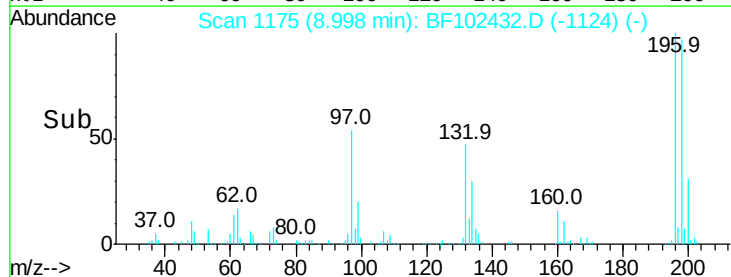
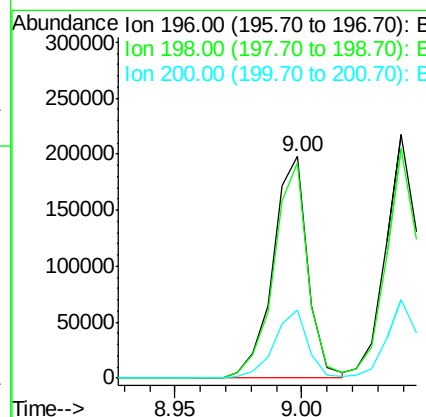
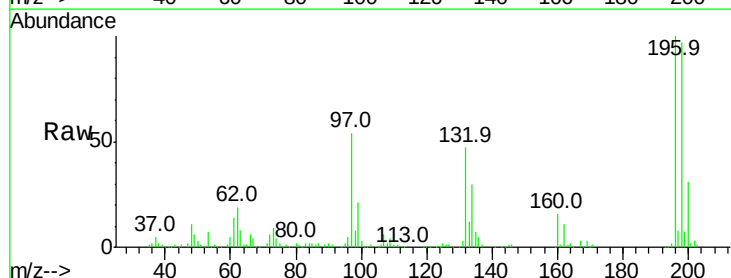
Instrument :
 BNA_F
 ClientSampleId :

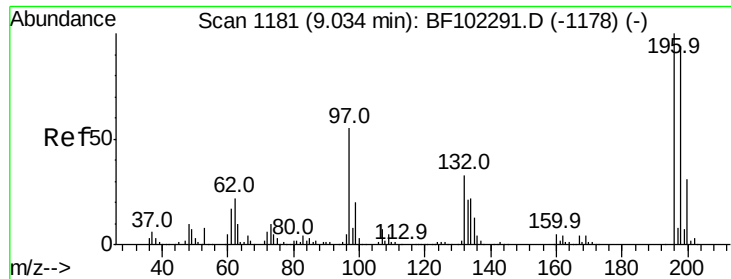
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	41.5	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.245 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.7	113.5
200	30.6	24.5	36.7

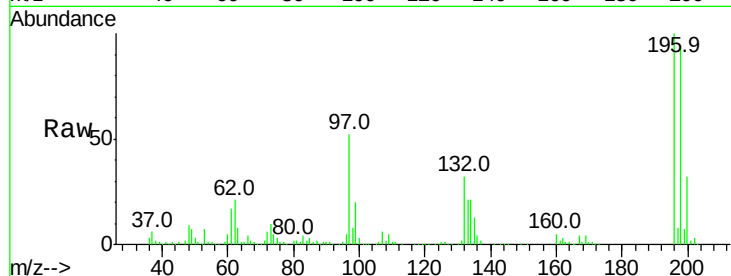




#43
 2,4,5-Trichlorophenol
 Concen: 39.469 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	51.9	42.9	64.3
132	31.9	26.3	39.5



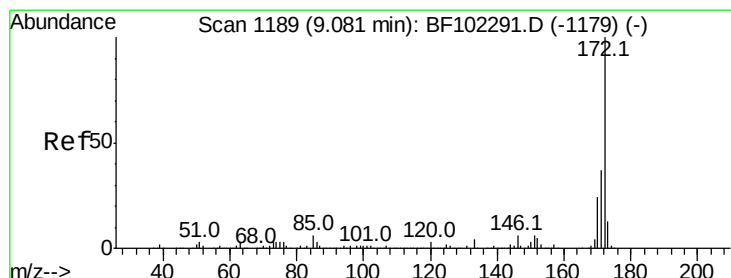
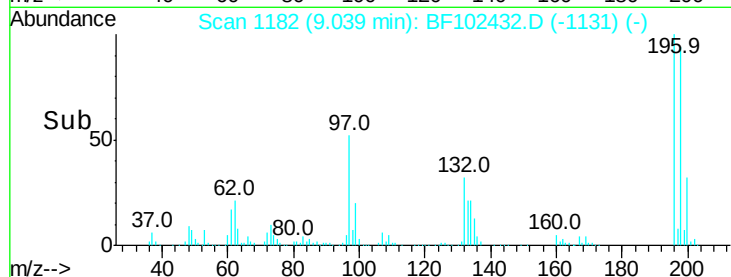
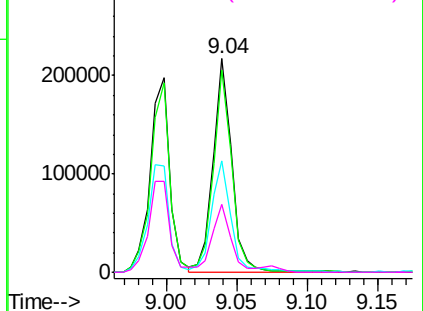
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

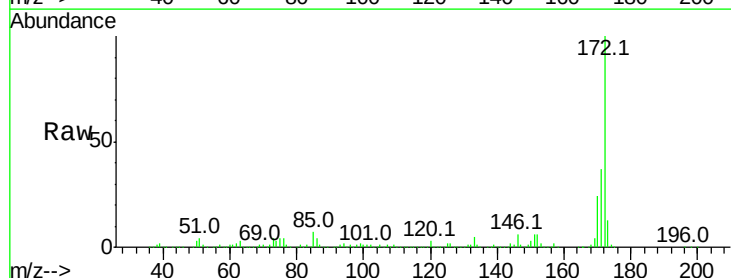
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.750 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.4	19.6	29.4

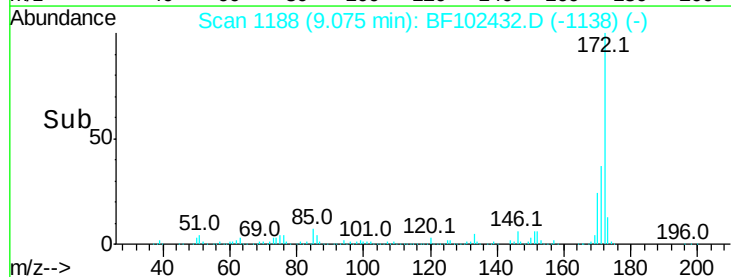
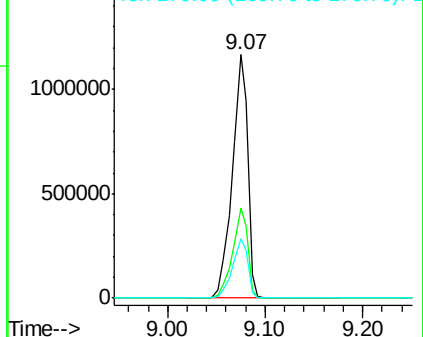


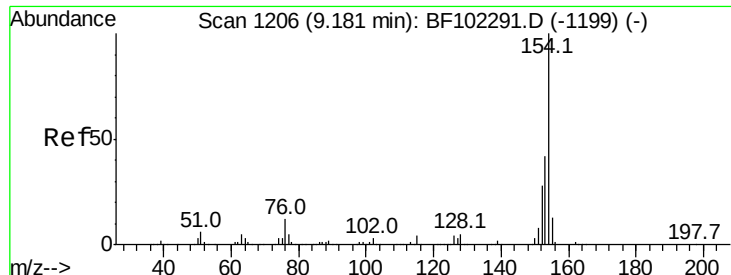
Abundance

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: 39.530 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

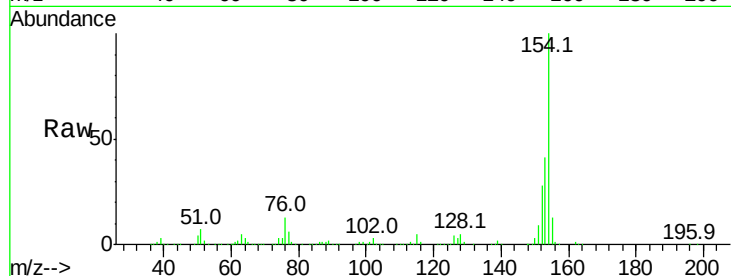
Tot Ion:154 Resp: 792274

Ion Ratio Lower Upper

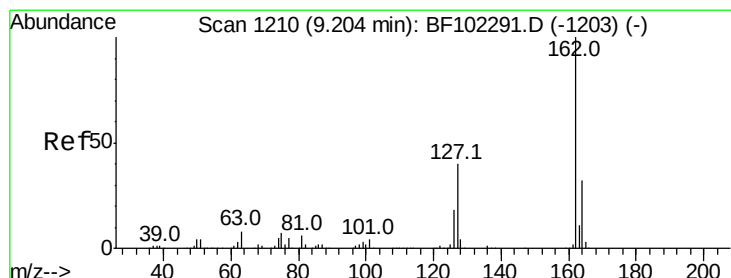
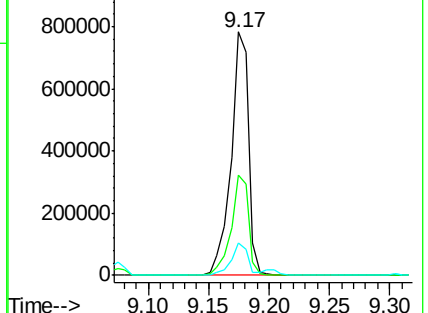
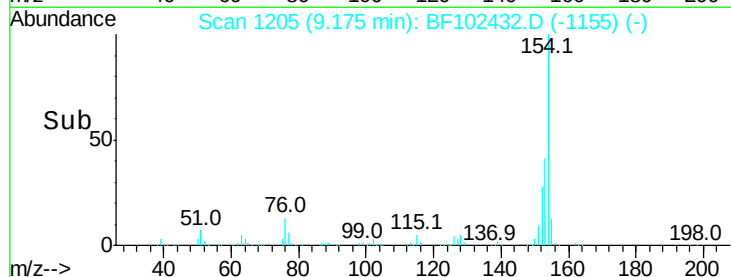
154 100

153 41.3 21.3 61.3

76 13.1 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: 39.393 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

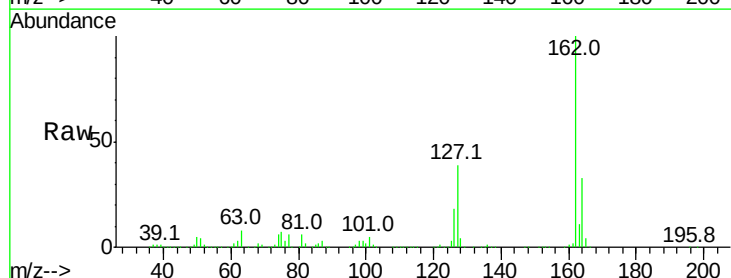
Tgt Ion:162 Resp: 613694

Ion Ratio Lower Upper

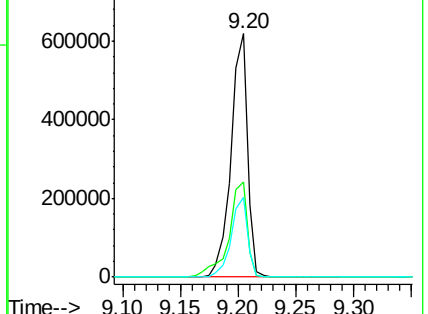
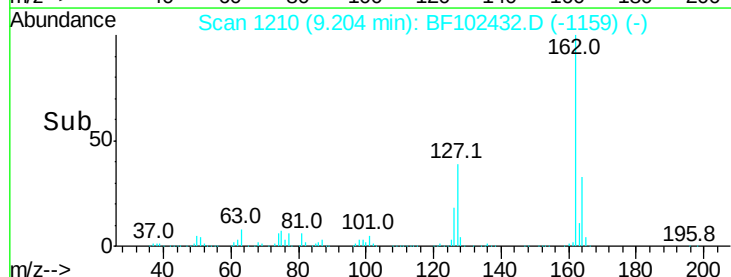
162 100

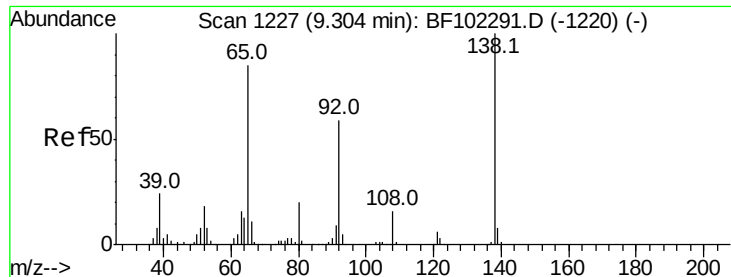
127 39.2 33.9 50.9

164 32.9 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

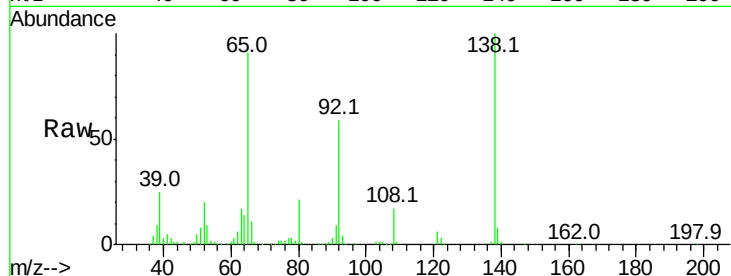




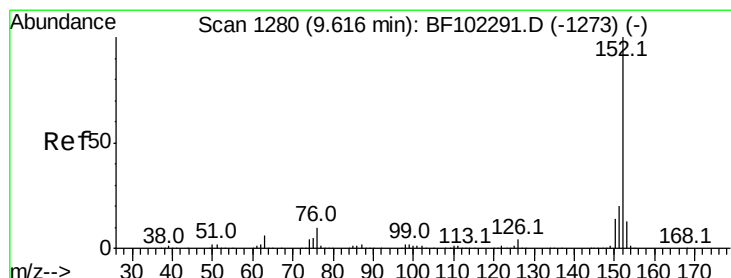
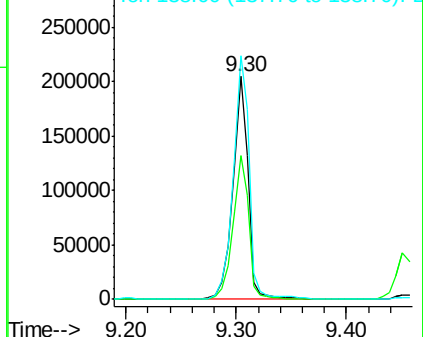
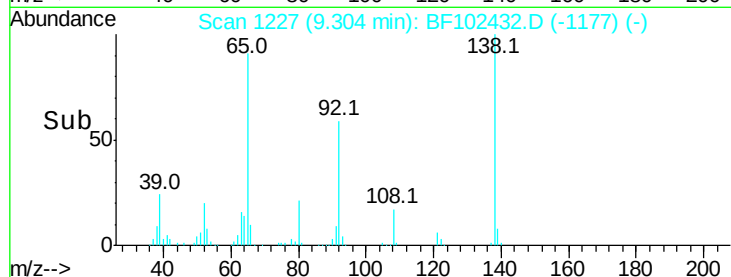
#47
2-Nitroaniline
Concen: 41.045 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 199351
Ion Ratio Lower Upper
65 100
92 64.7 55.8 83.6
138 109.4 91.2 136.8

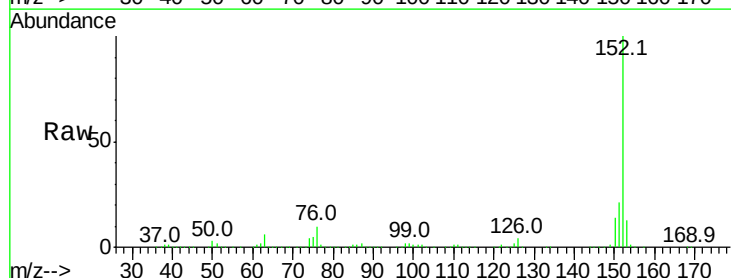


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

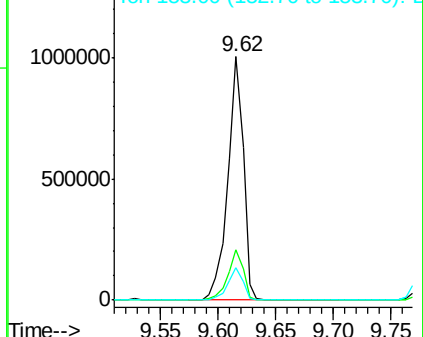
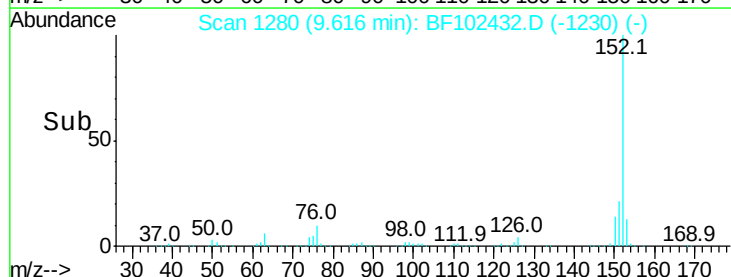


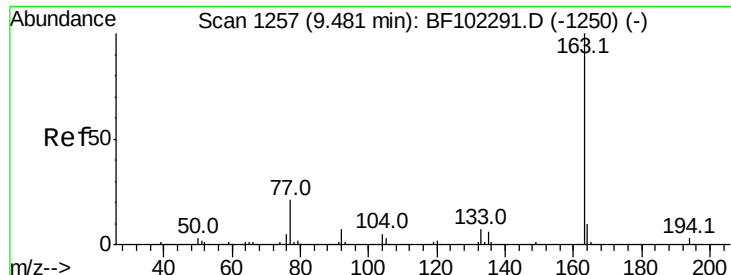
#48
Acenaphthylene
Concen: 38.664 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion: 152 Resp: 938412
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.3 10.7 16.1



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

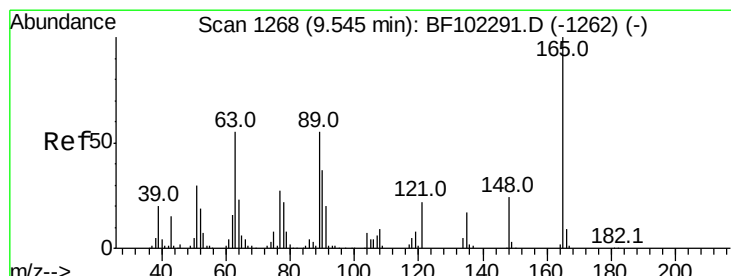
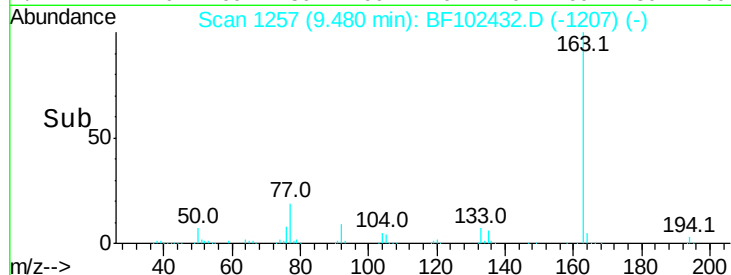
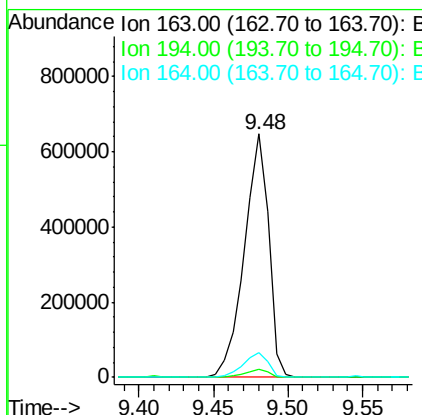
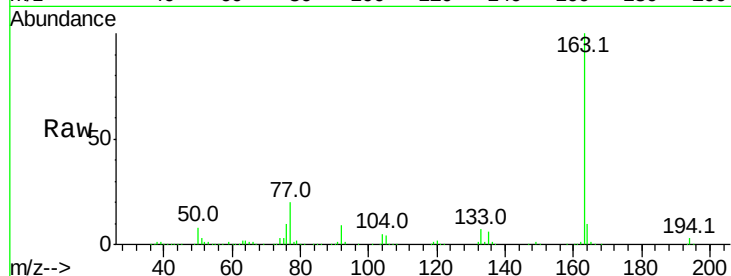




#49
Dimethylphthalate
Concen: 39.546 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

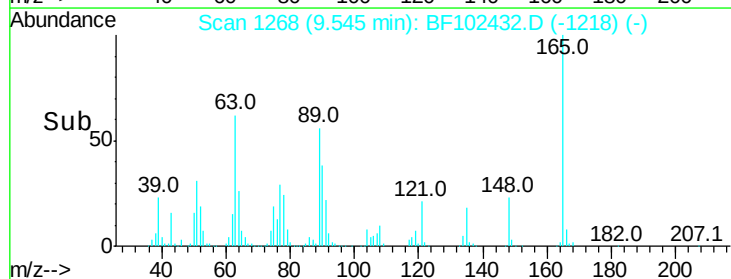
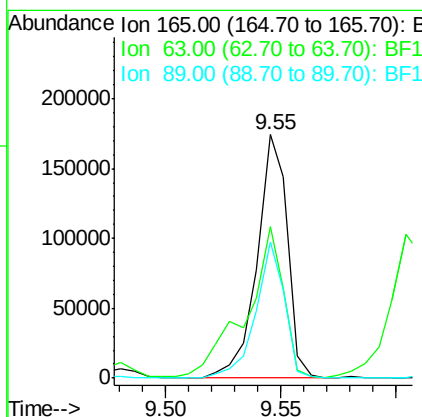
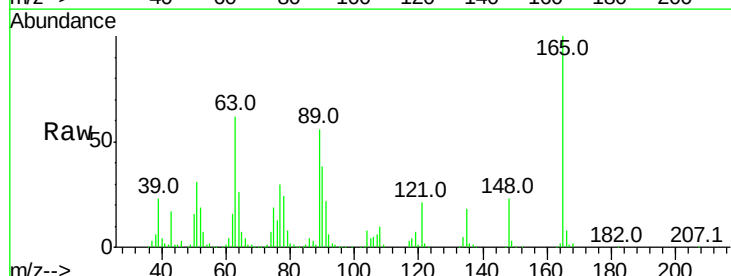
Instrument :
BNA_F
ClientSampleId :

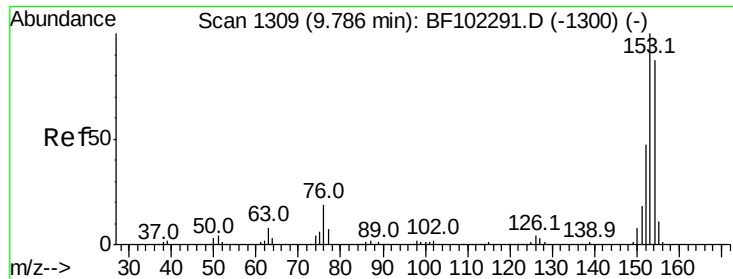
Tot Ion:163 Resp: 732688
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 40.069 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion:165 Resp: 160054
Ion Ratio Lower Upper
165 100
63 62.3 44.7 67.1
89 55.9 44.0 66.0





#51

Acenaphthene

Concen: 38.722 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

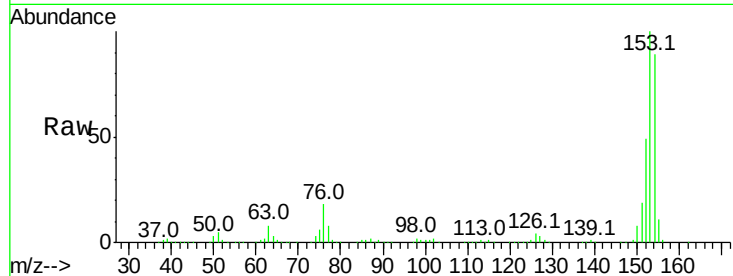
Tot Ion:154 Resp: 548884

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

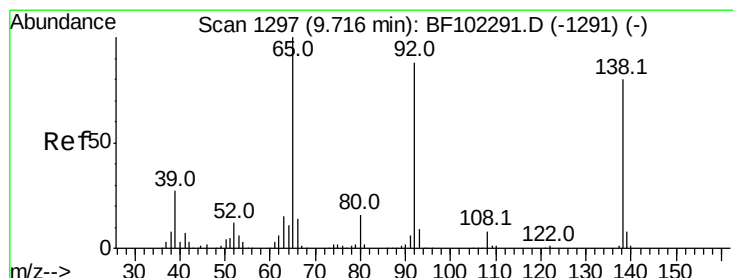
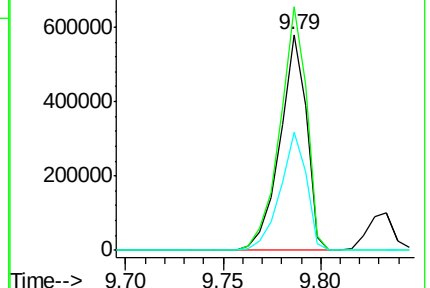
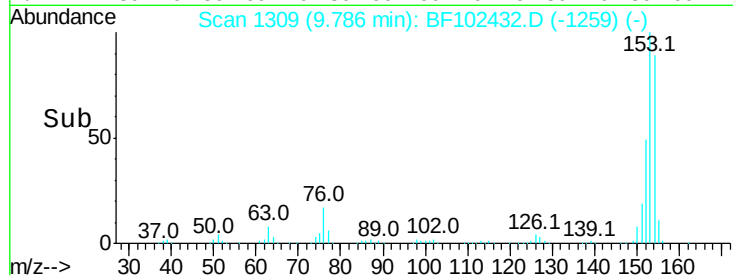
152 55.0 43.8 65.8



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: 19.848 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

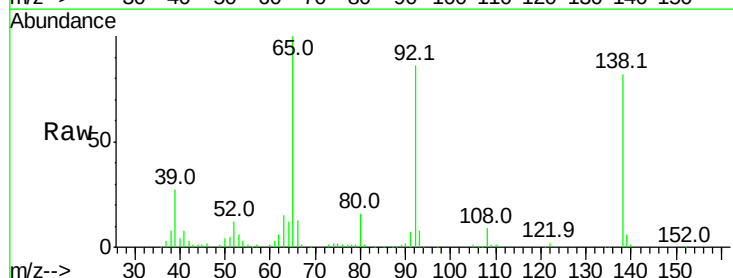
Tgt Ion:138 Resp: 93789

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.0

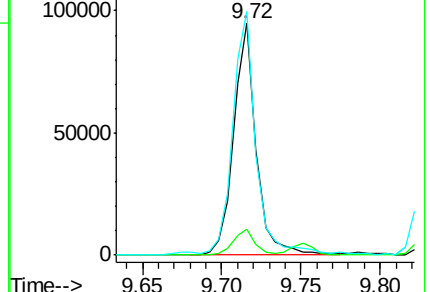
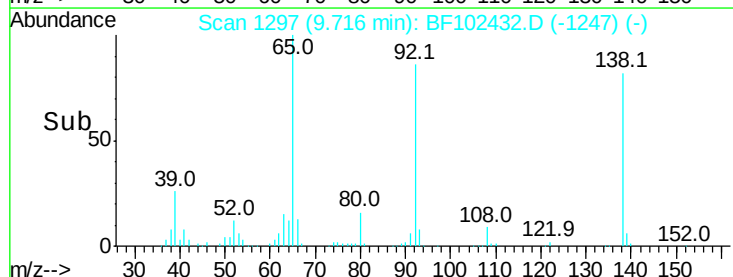
92 105.2 89.4 134.2

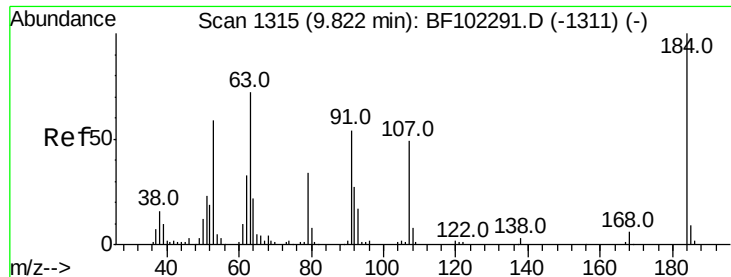


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

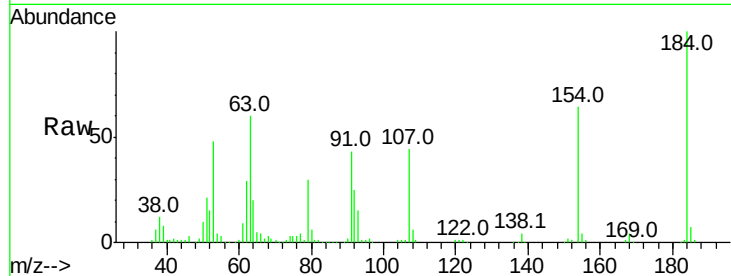




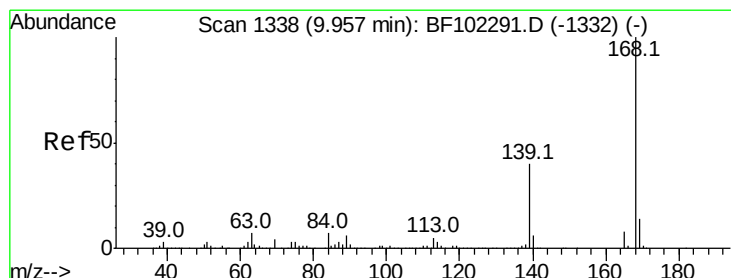
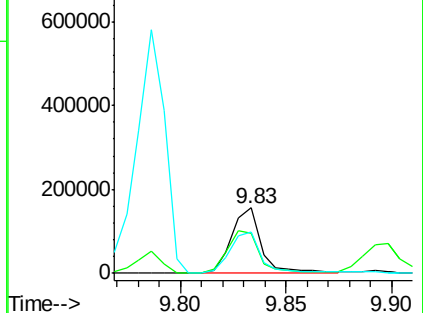
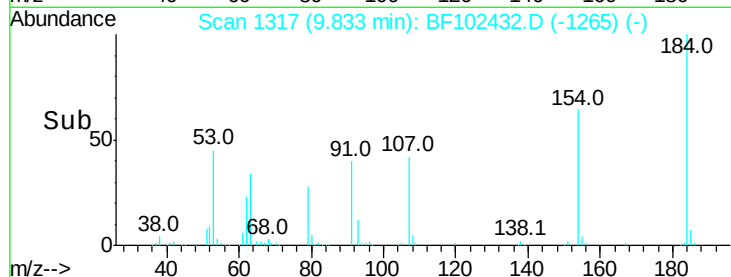
#53
 2,4-Dinitrophenol
 Concen: 85.775 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 154231
 Ion Ratio Lower Upper
 184 100
 63 60.4 54.2 81.2
 154 63.7 184.0 276.0#

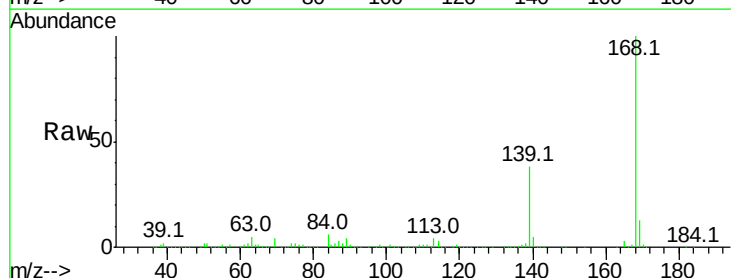


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

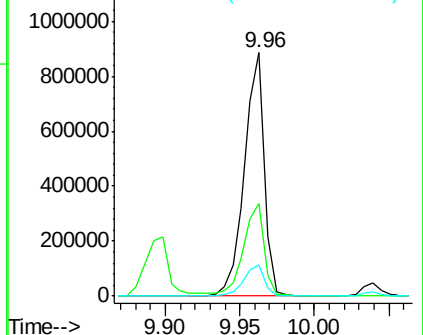
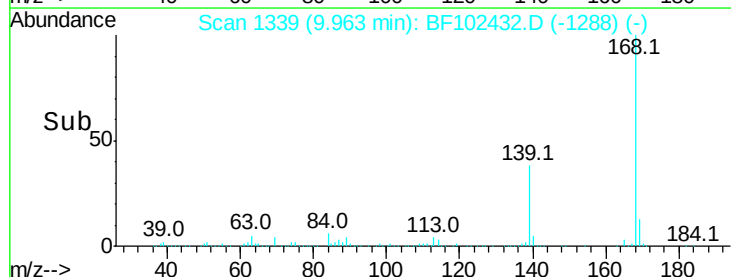


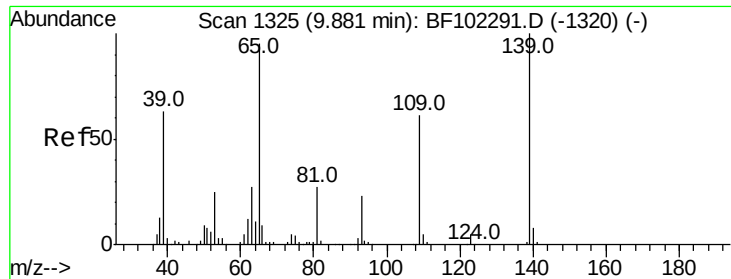
#54
 Dibenzofuran
 Concen: 42.549 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:168 Resp: 816255
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.1 45.1
 169 12.9 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

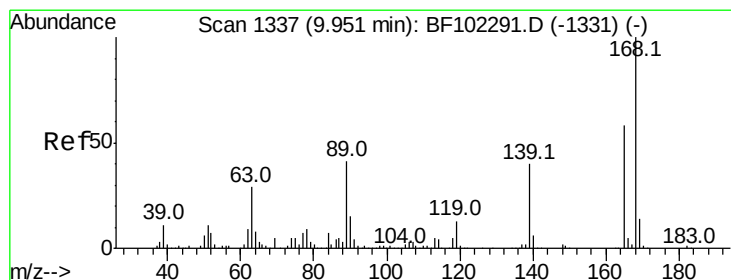
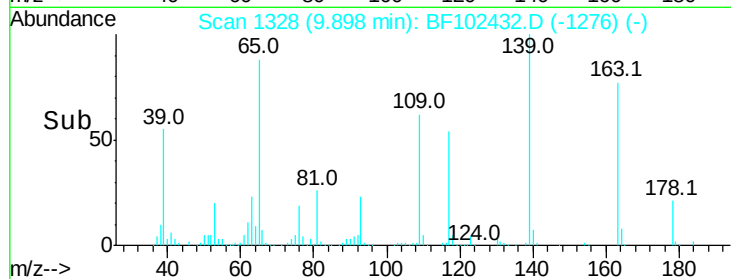
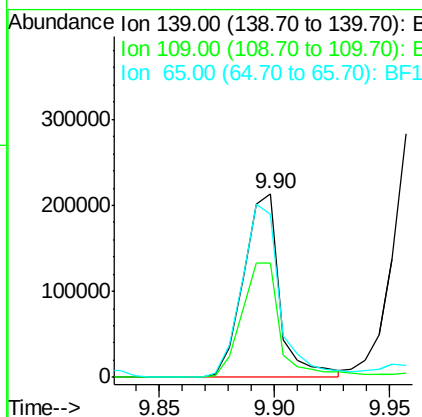
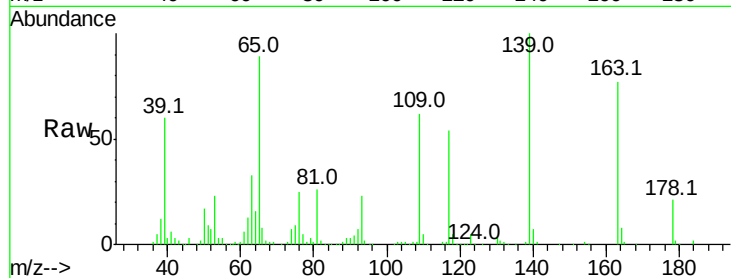




#55
4-Nitrophenol
Concen: 75.563 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

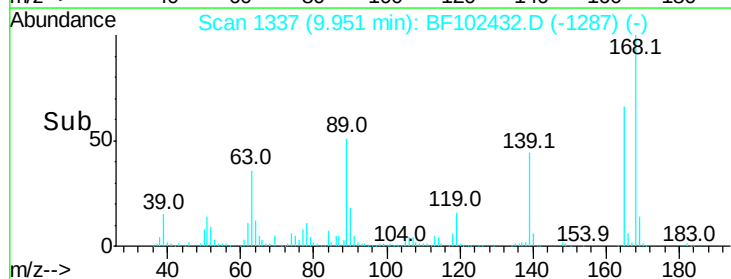
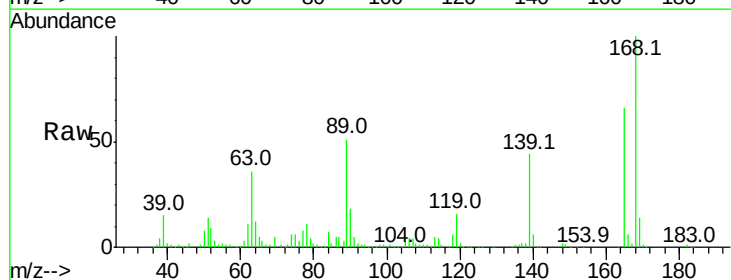
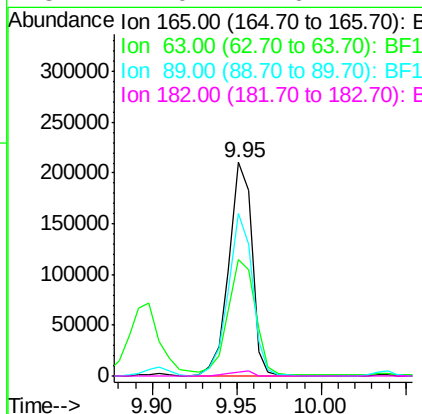
Instrument :
BNA_F
ClientSampled :

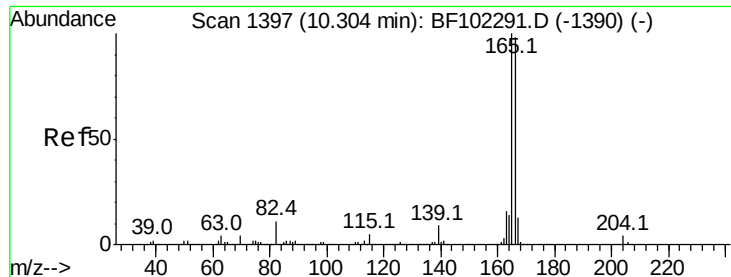
Tot Ion:139 Resp: 235702
Ion Ratio Lower Upper
139 100
109 62.2 48.4 88.4
65 88.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.871 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion:165 Resp: 200764
Ion Ratio Lower Upper
165 100
63 54.3 36.4 54.6
89 76.0 57.8 86.6
182 2.0 1.6 2.4

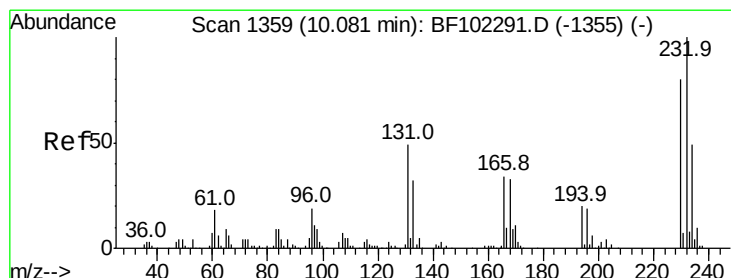
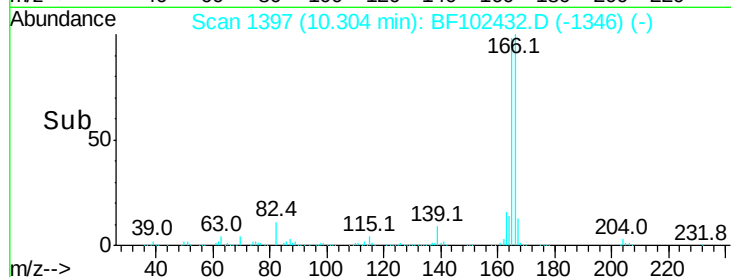
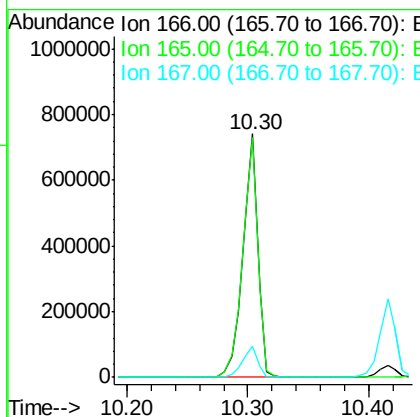
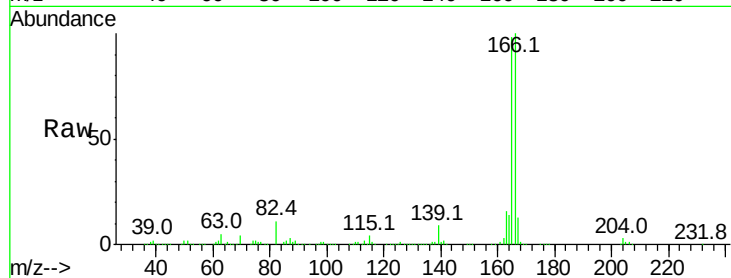




#57
 Fluorene
 Concen: 42.592 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

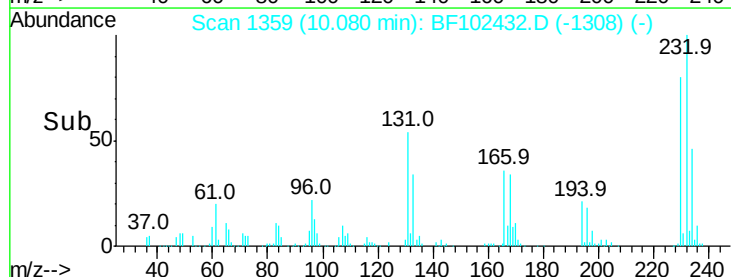
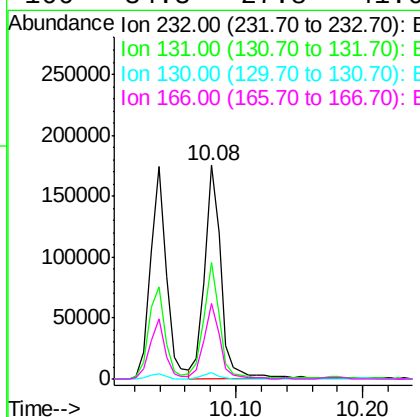
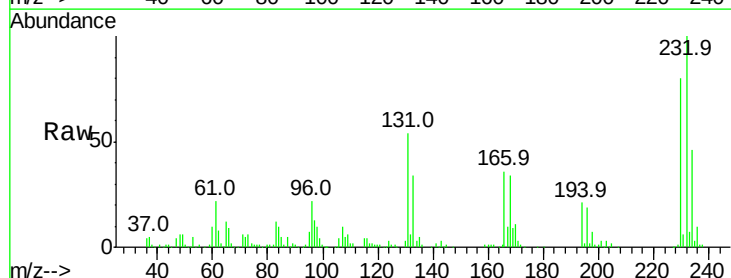
Instrument :
 BNA_F
 ClientSampleId :

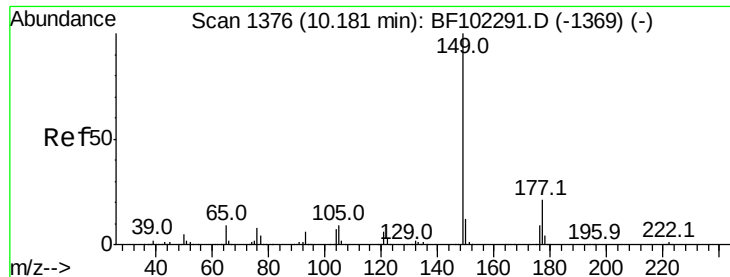
Tot Ion:166 Resp: 647462
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.647 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:232 Resp: 158403
 Ion Ratio Lower Upper
 232 100
 131 52.6 43.8 65.8
 130 2.7 2.1 3.1
 166 34.3 27.8 41.6

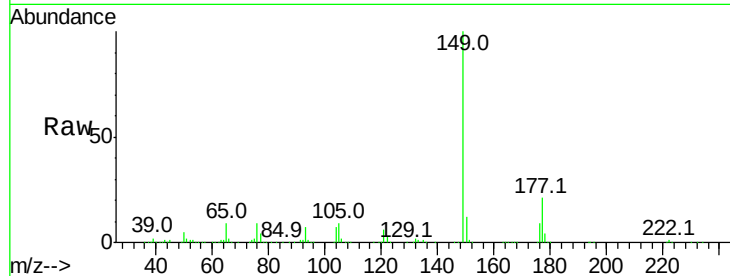




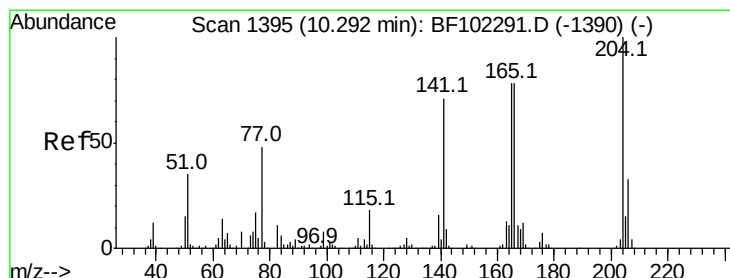
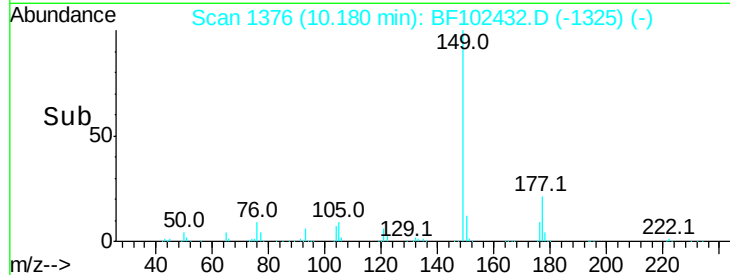
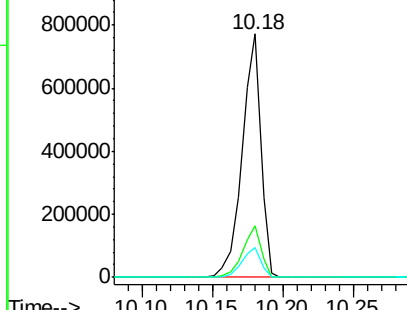
#59
Diethylphthalate
Concen: 39.647 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.1	24.1
150	12.3	10.1	15.1

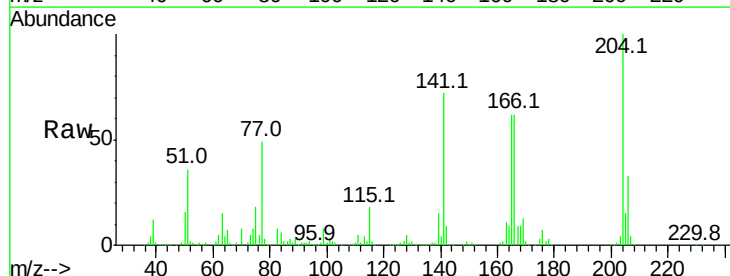


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

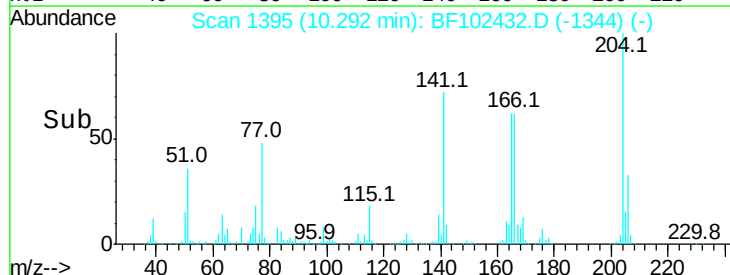
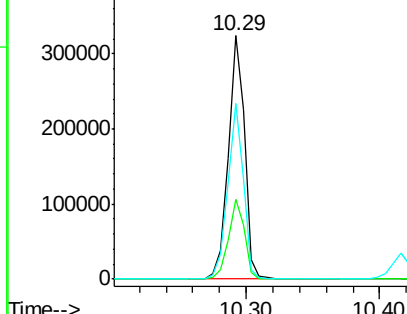


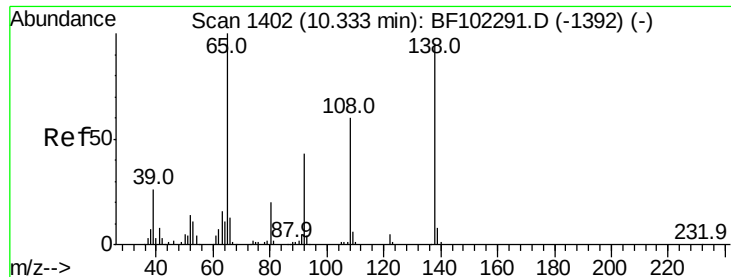
#60
4-Chlorophenyl-phenylether
Concen: 42.368 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	72.1	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.281 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampled :

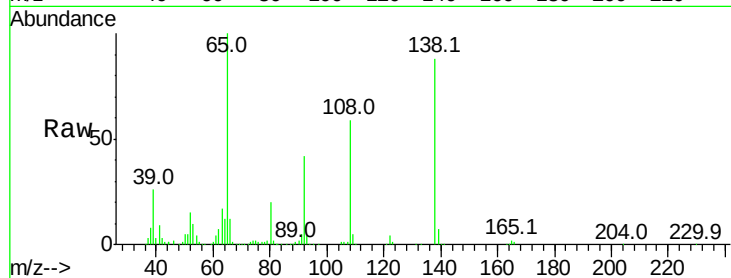
Tot Ion:138 Resp: 180508

Ion Ratio Lower Upper

138 100

92 47.5 30.2 70.2

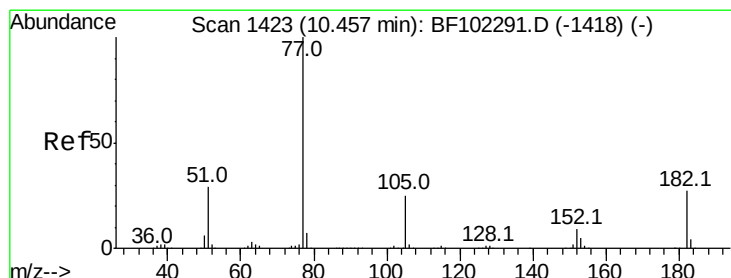
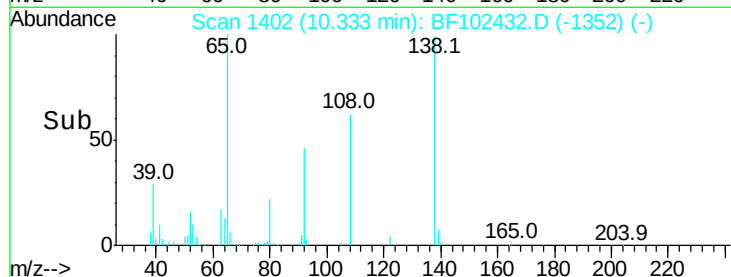
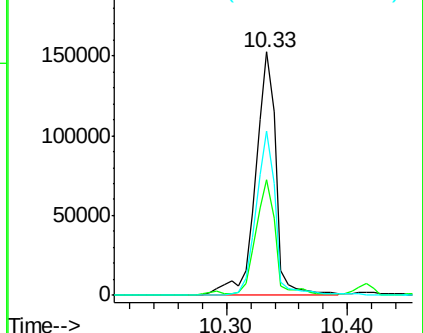
108 67.5 52.5 92.5



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: 41.116 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Tgt Ion: 77 Resp: 677743

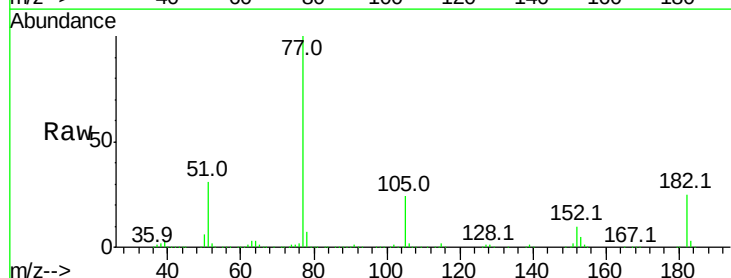
Ion Ratio Lower Upper

77 100

182 25.3 1.7 41.7

105 24.4 3.0 43.0

51 30.6 9.9 49.9

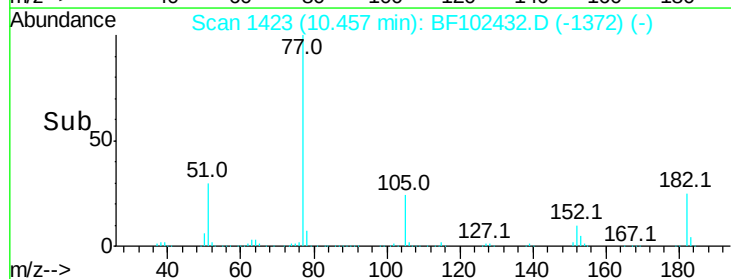
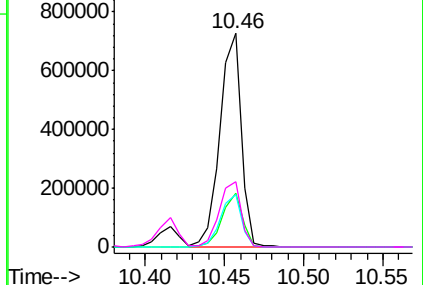


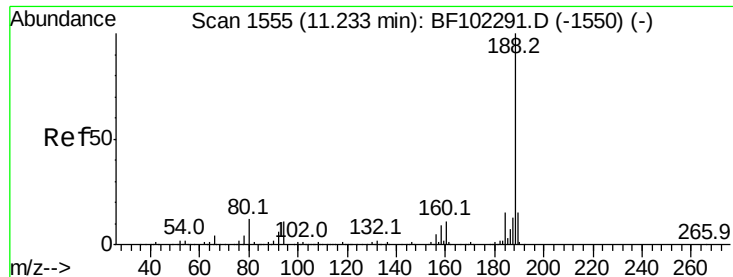
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

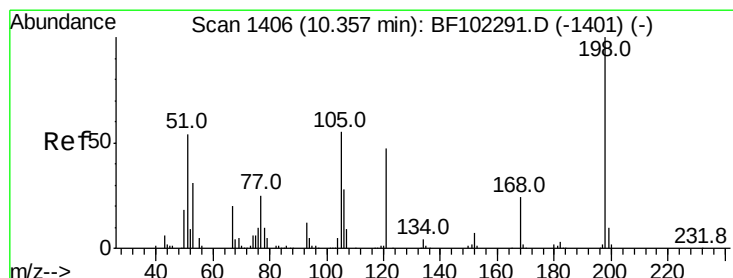
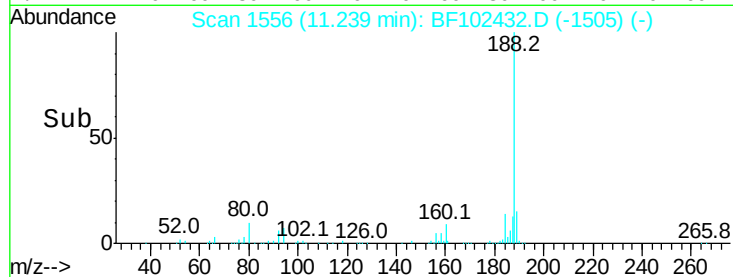
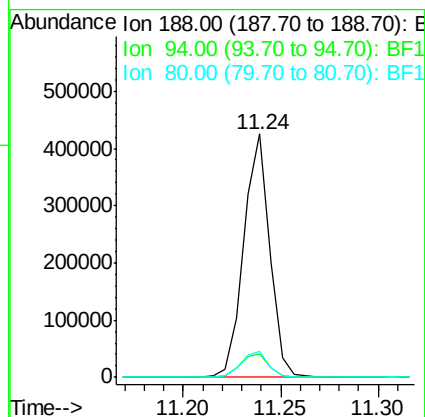
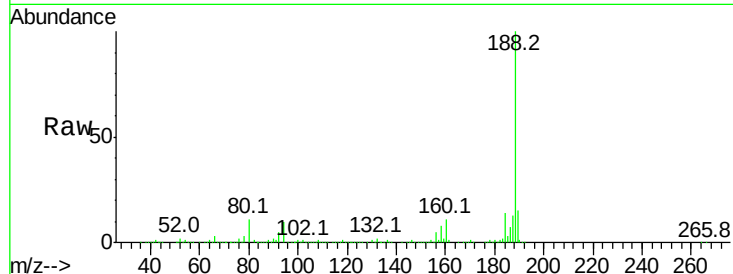




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

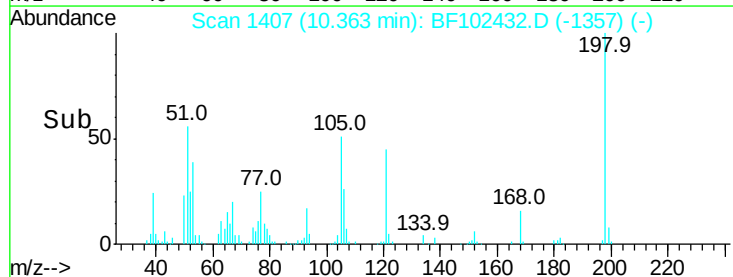
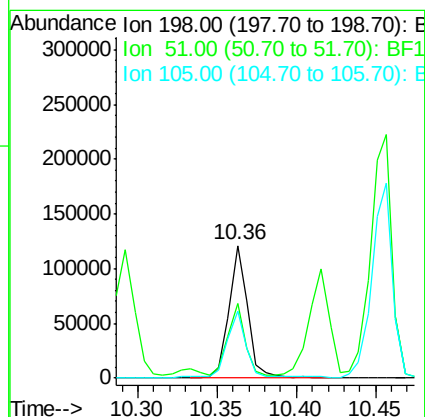
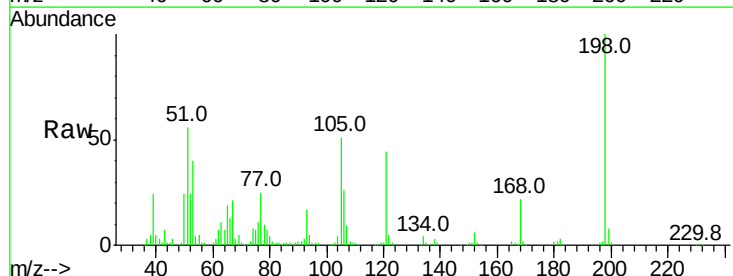
Instrument :
 BNA_F
 ClientSampled :

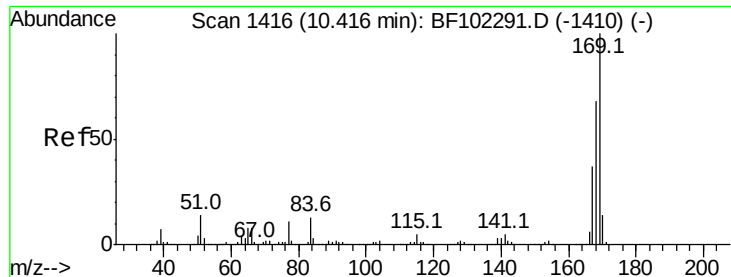
Tot Ion:188 Resp: 392634
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.6 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.242 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:198 Resp: 100174
 Ion Ratio Lower Upper
 198 100
 51 56.2 37.7 77.7
 105 50.5 36.3 76.3

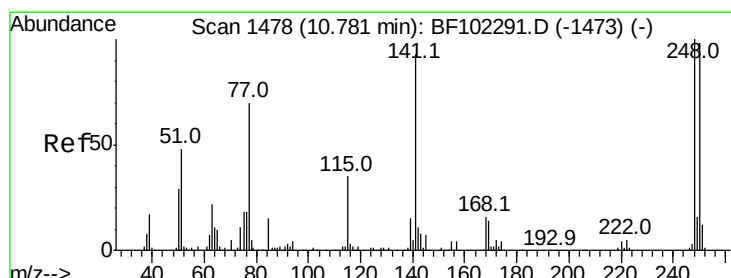
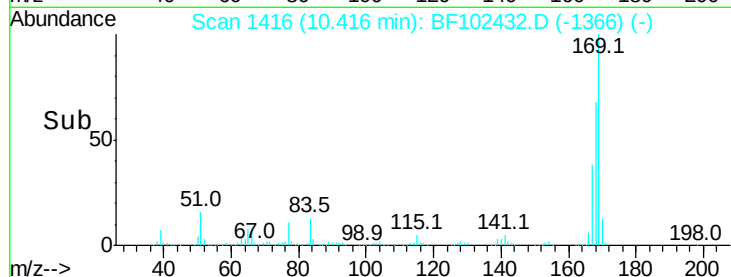
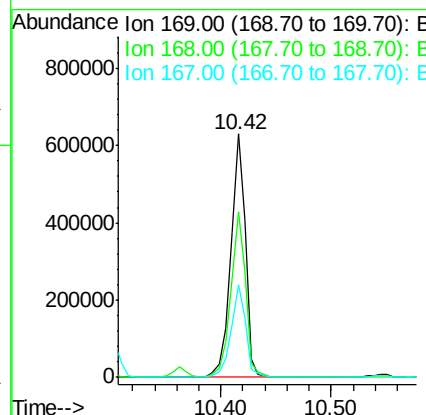
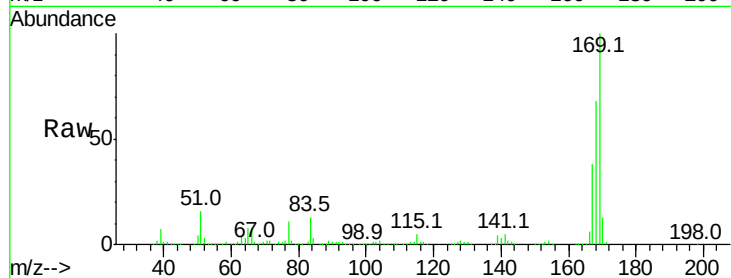




#65
 n-Nitrosodiphenylamine
 Concen: 40.535 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

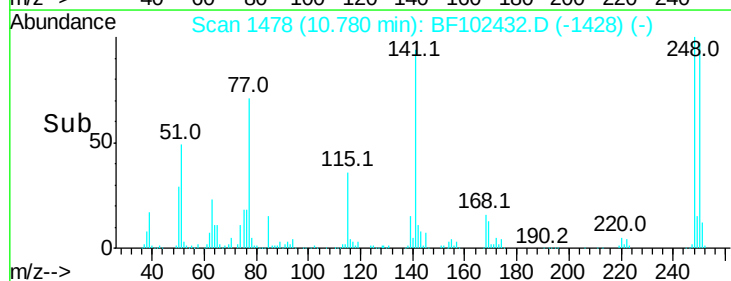
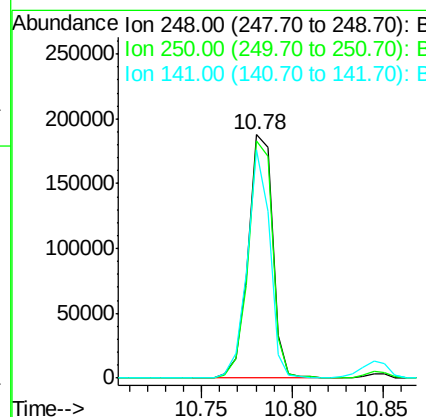
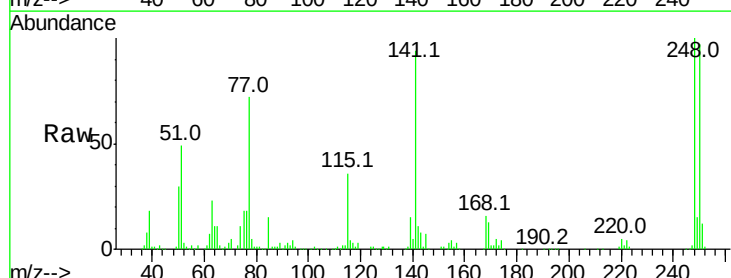
Instrument :
 BNA_F
 ClientSampleId :

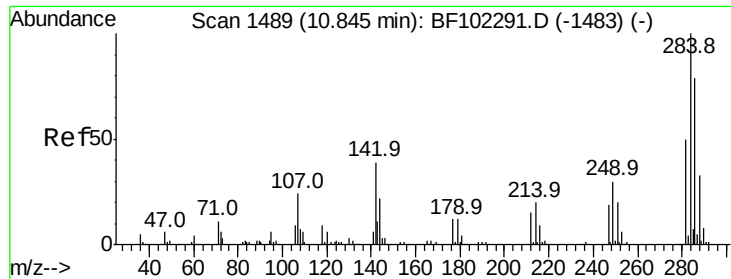
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.4	81.6
167	37.8	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.850 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.9	115.3
141	93.8	74.4	111.6

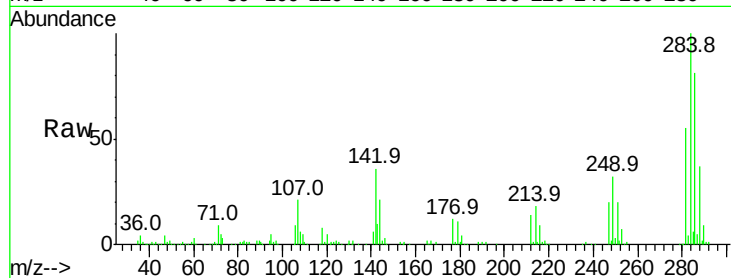




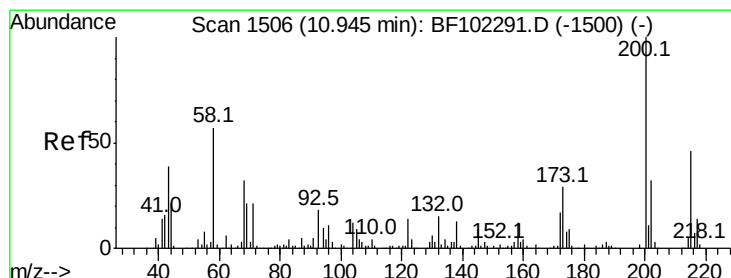
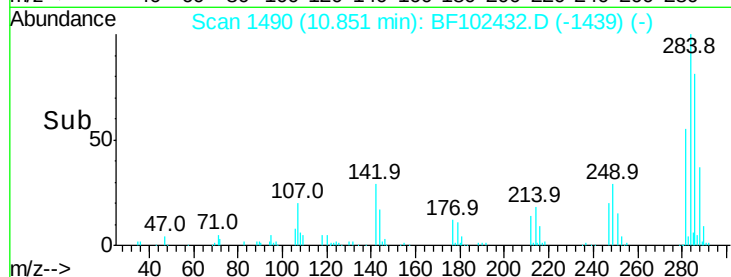
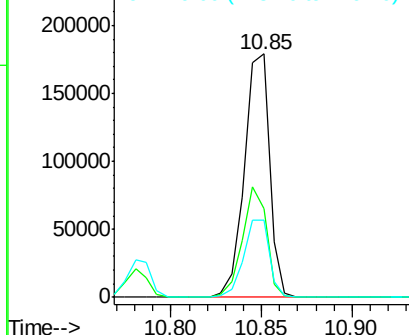
#67
Hexachlorobenzene
Concen: 36.692 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.3	34.6	52.0
249	31.5	24.8	37.2

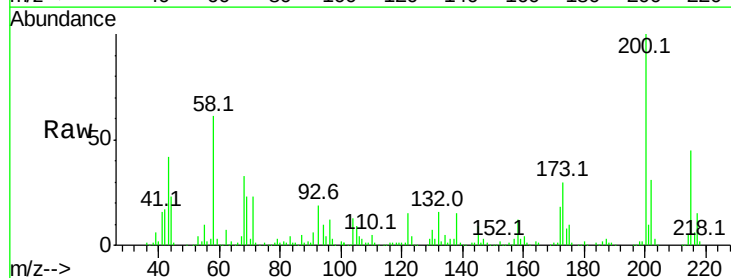


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

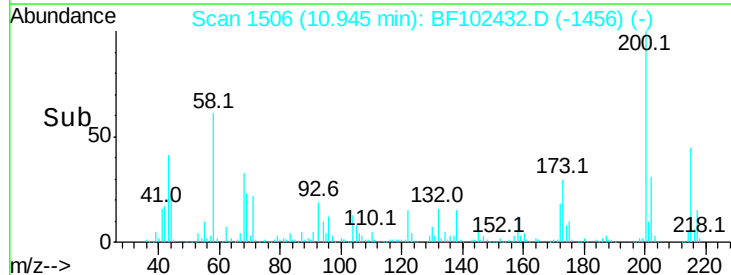
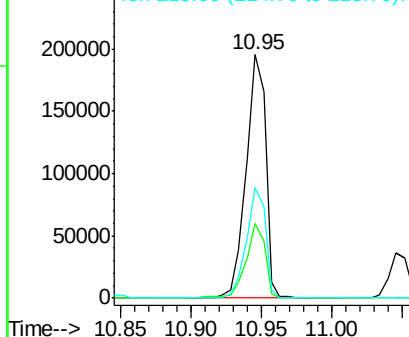


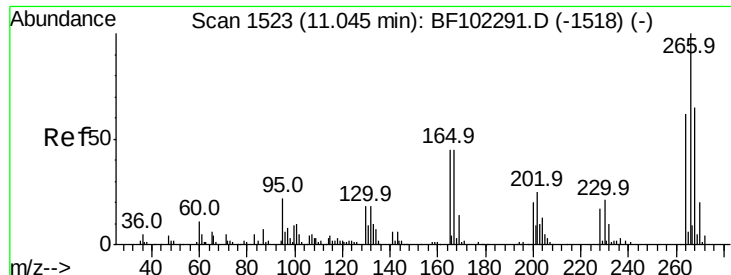
#68
Atrazine
Concen: 44.691 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.5	8.6	48.6
215	45.3	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

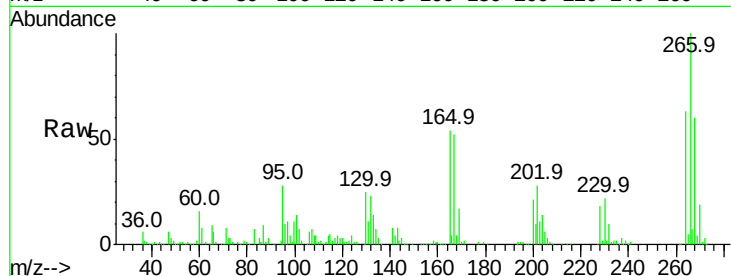




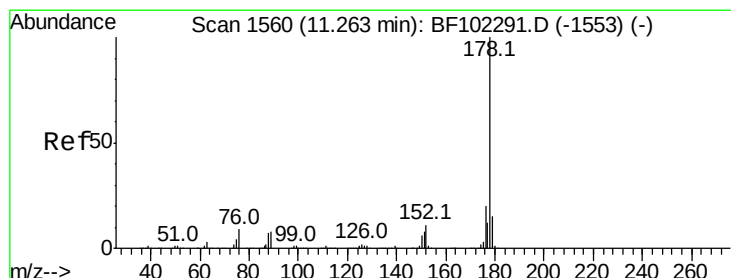
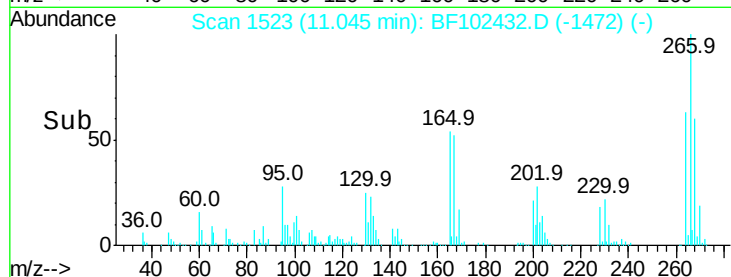
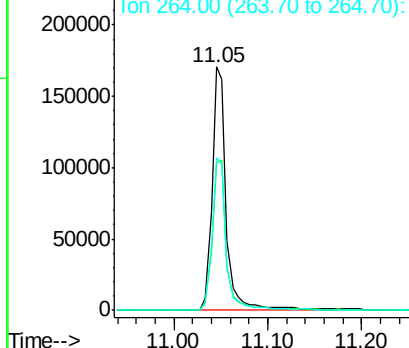
#69
 Pentachlorophenol
 Concen: 73.991 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 183734
 Ion Ratio Lower Upper
 266 100
 268 60.4 51.1 76.7
 264 62.5 49.5 74.3

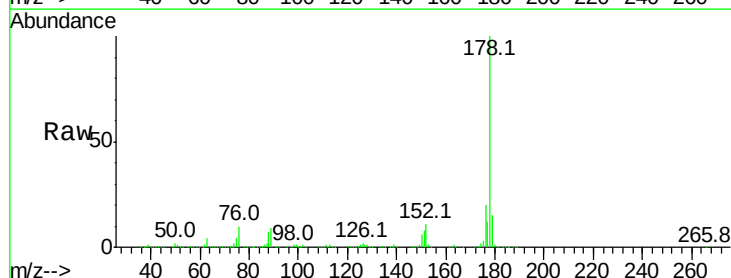


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

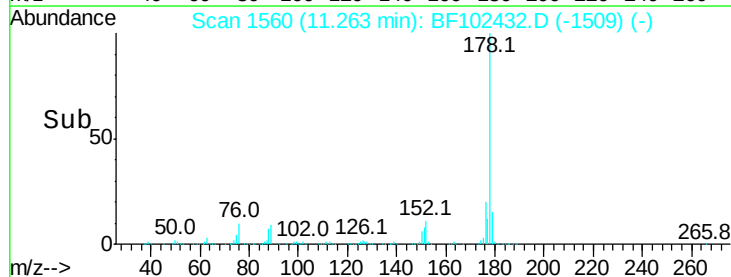
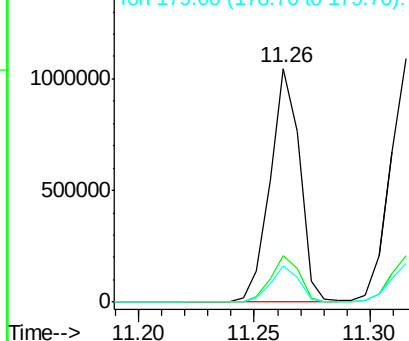


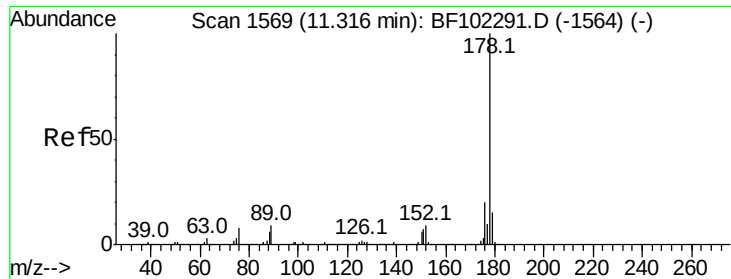
#70
 Phenanthrene
 Concen: 40.550 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:178 Resp: 927767
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

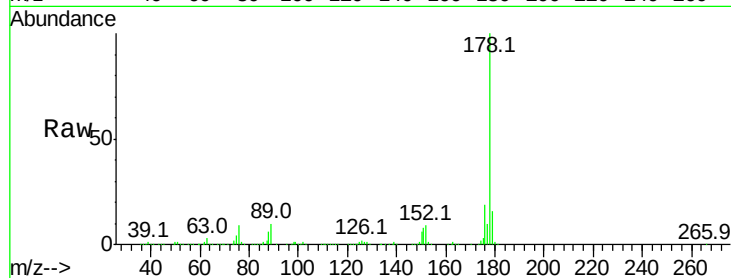




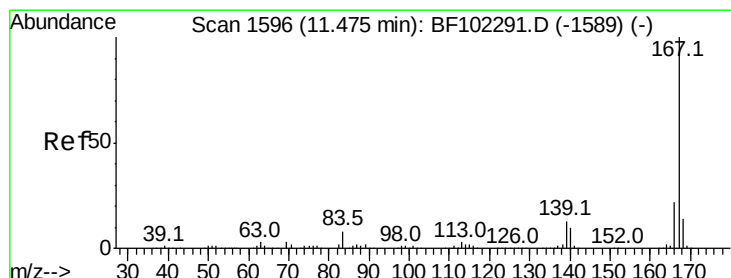
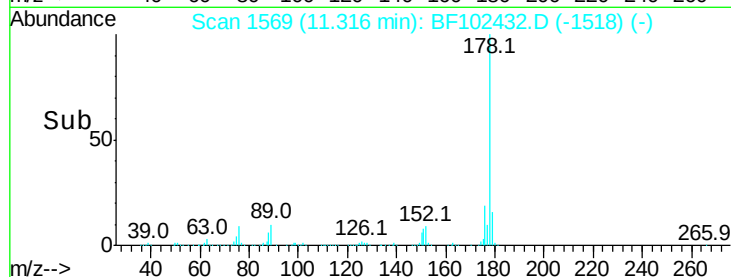
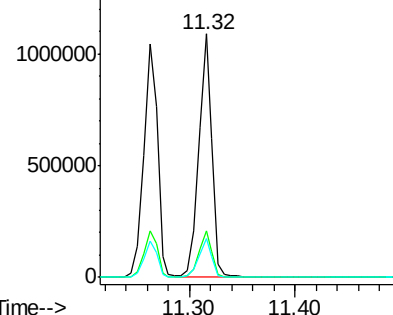
#71
 Anthracene
 Concen: 41.298 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 964439
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.6 19.0

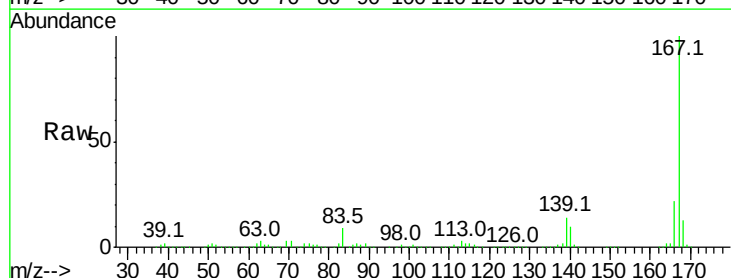


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

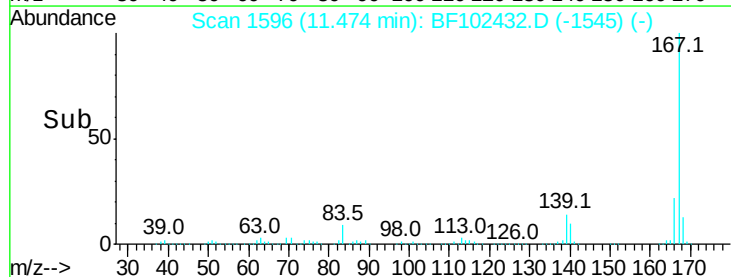
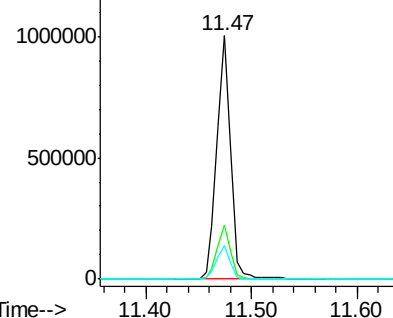


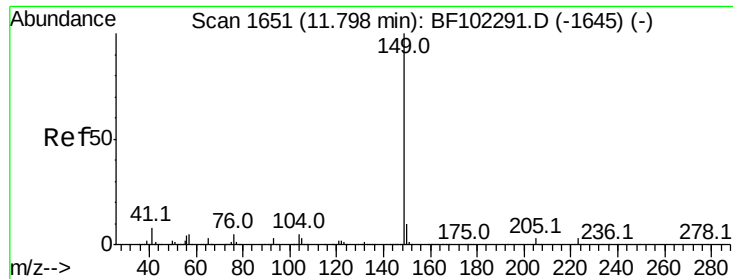
#72
 Carbazole
 Concen: 39.846 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:167 Resp: 907793
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.088 ng

RT: 11.80 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

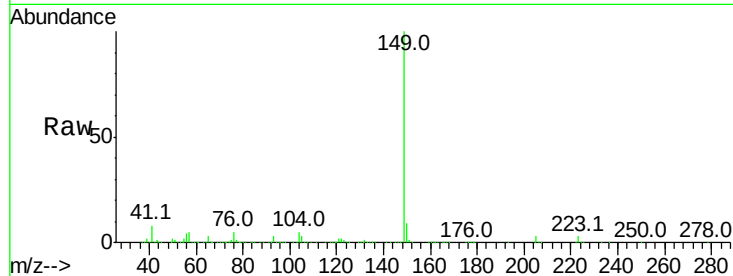
Tot Ion:149 Resp: 1141627

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

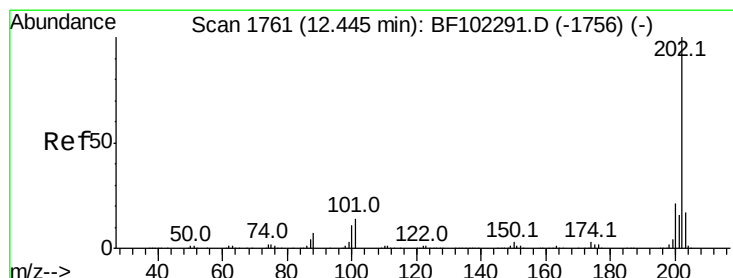
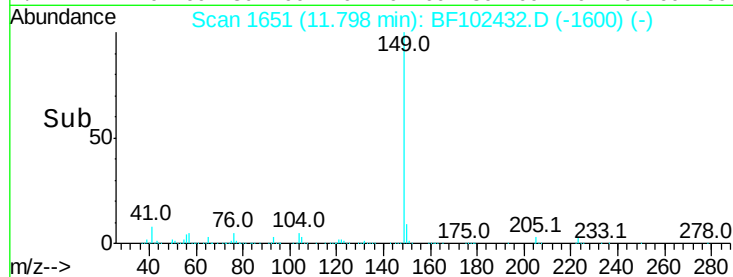
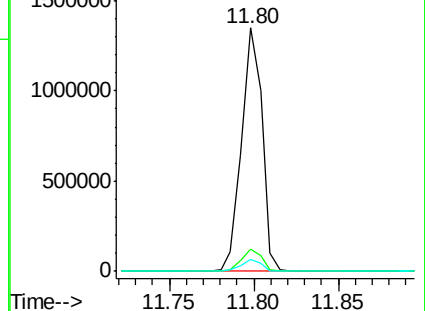
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.169 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

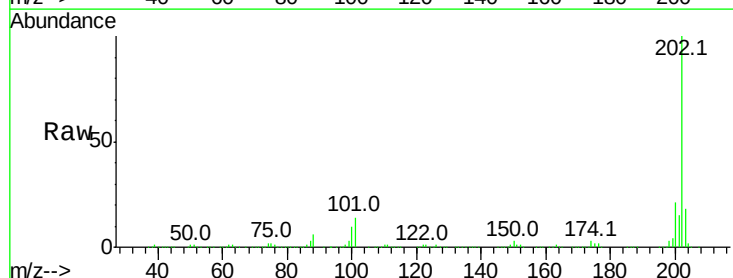
Tgt Ion:202 Resp: 960544

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

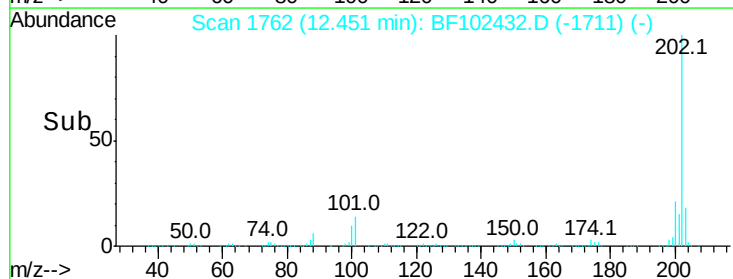
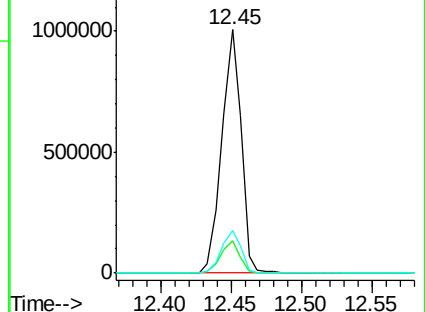
203 17.6 0.0 38.1

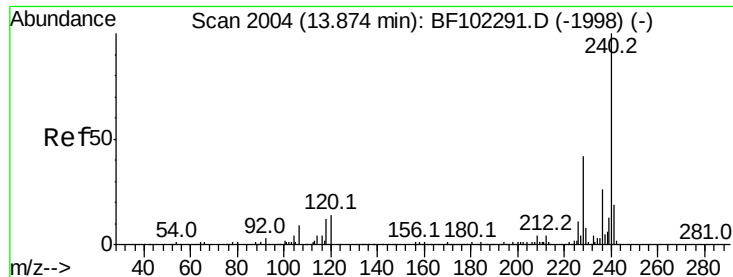


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

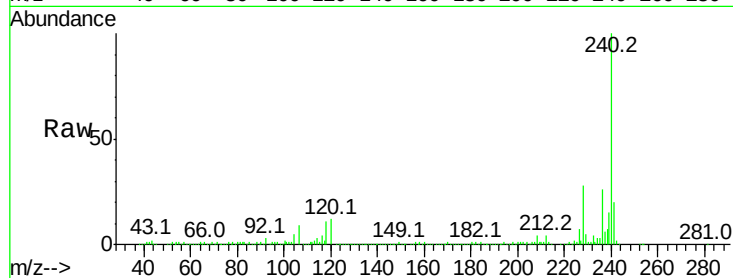
Tot Ion:240 Resp: 284313

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

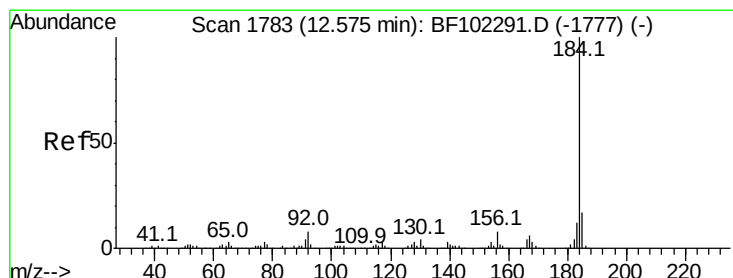
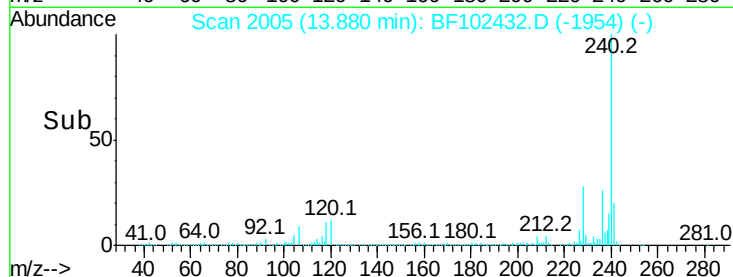
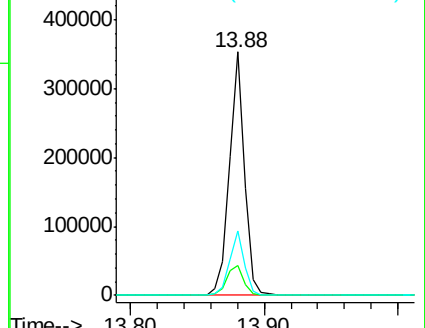
236 26.5 20.7 31.1



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: 32.790 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

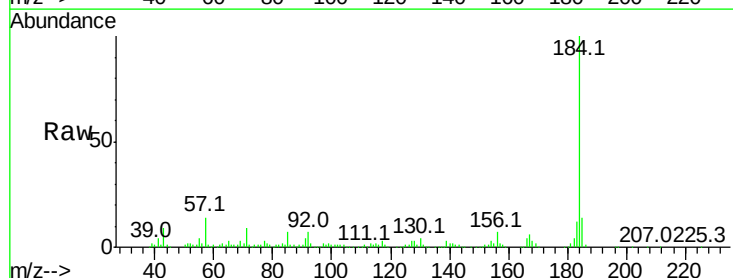
Tgt Ion:184 Resp: 313180

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

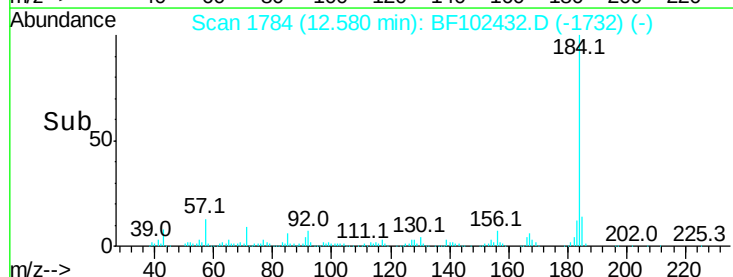
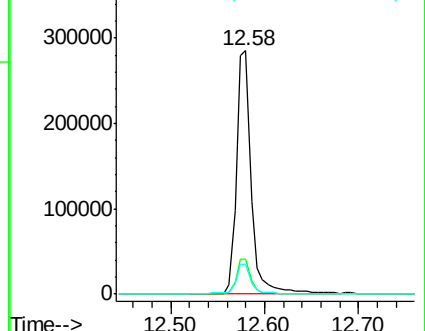
183 12.1 9.3 13.9

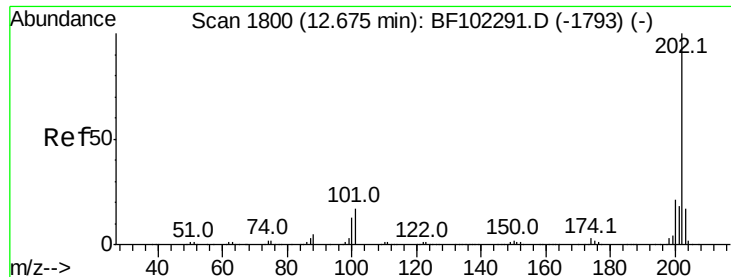


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.589 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

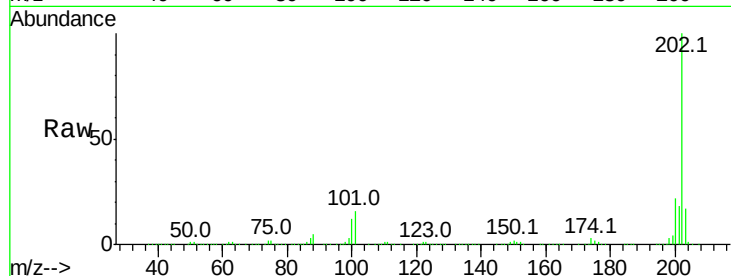
Tot Ion:202 Resp: 958177

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

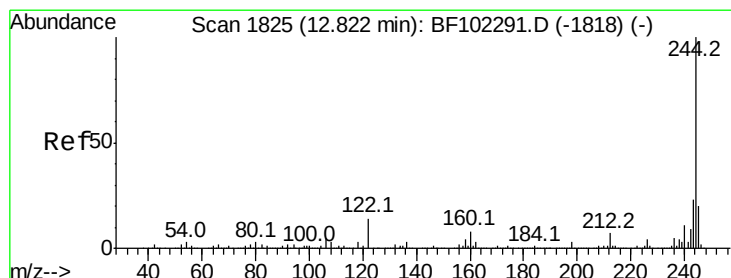
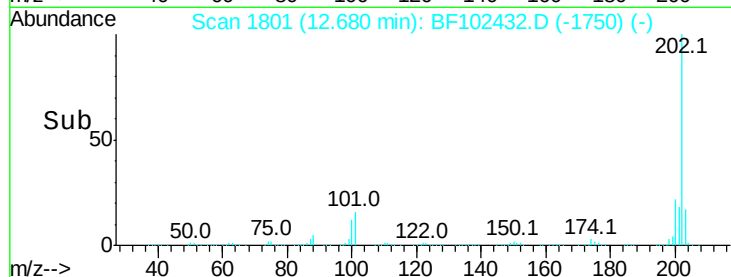
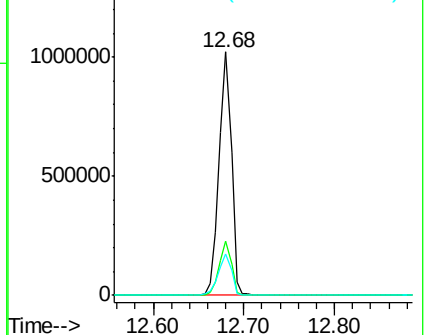
203 17.1 14.3 21.5



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: 92.603 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

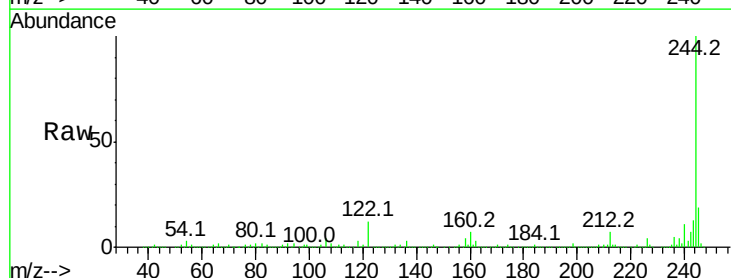
Tgt Ion:244 Resp: 1167880

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

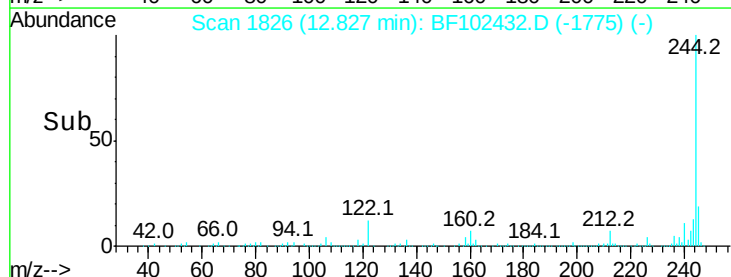
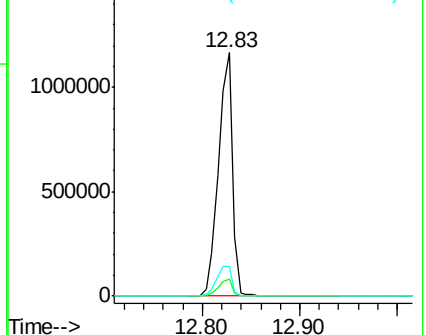
122 12.2 11.0 16.4

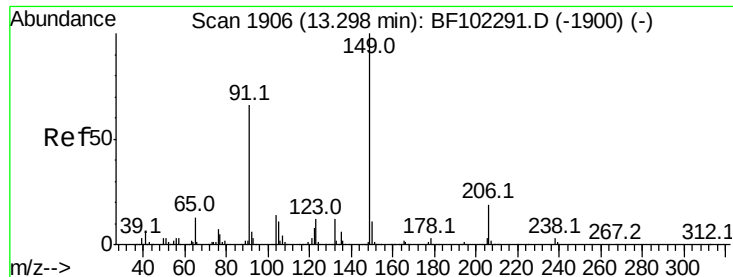


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

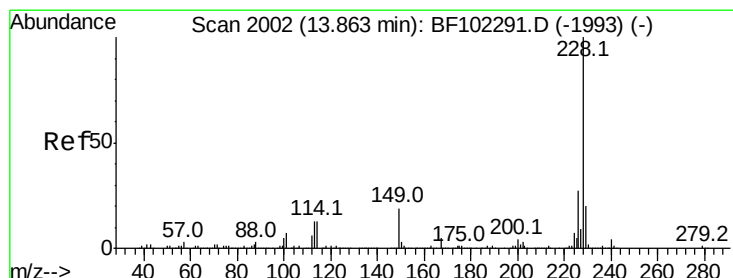
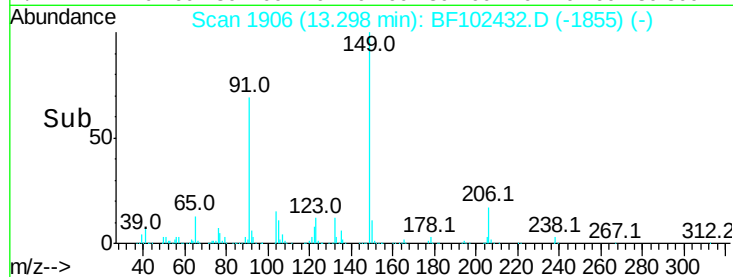
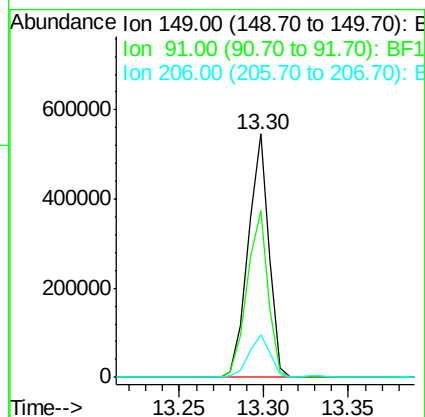
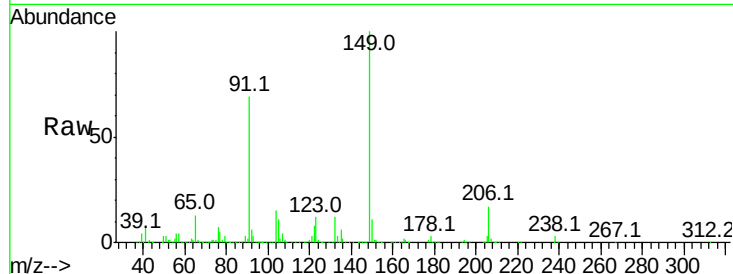




#79
 Butylbenzylphthalate
 Concen: 42.831 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

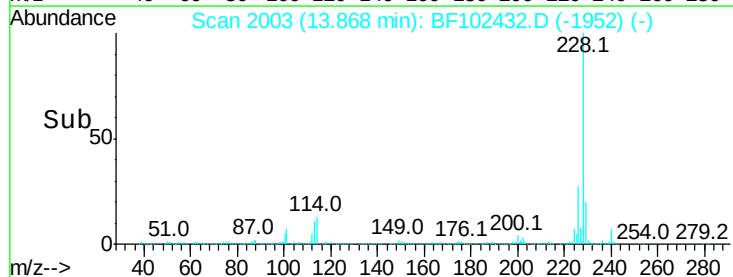
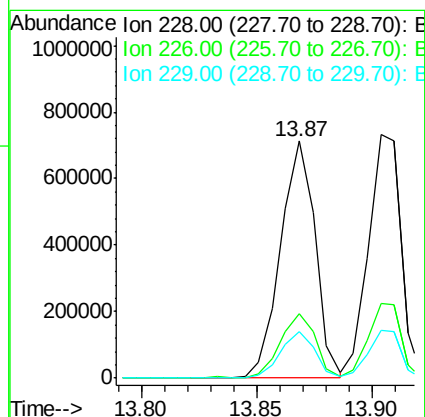
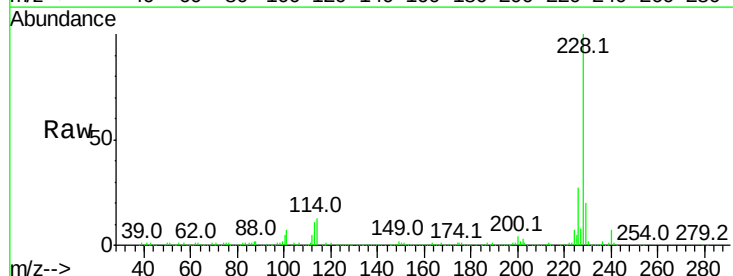
Instrument :
 BNA_F
 ClientSampleId :

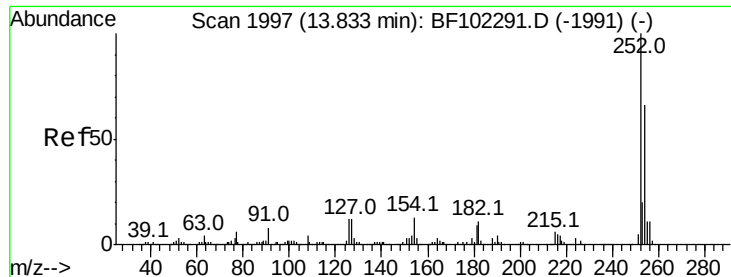
Tot Ion:	149	Resp:	468550
Ion Ratio	Lower	Upper	
149	100		
91	68.8	56.8	85.2
206	17.3	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 42.328 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:	228	Resp:	740920
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	19.7	15.8	23.6

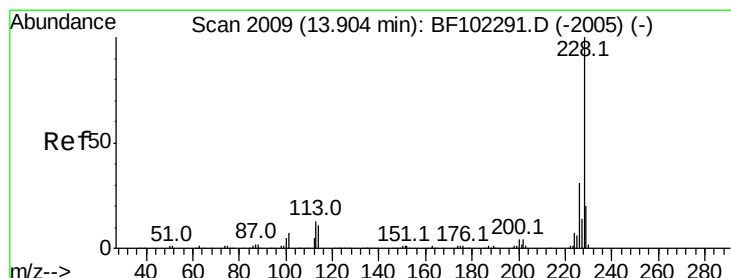
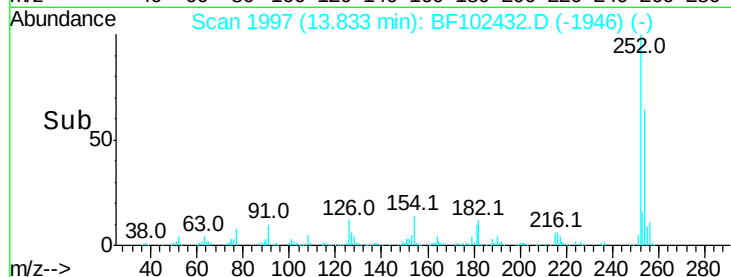
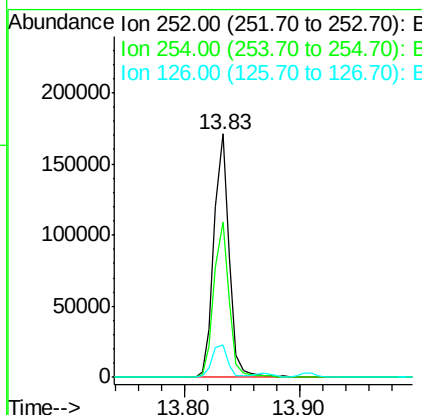
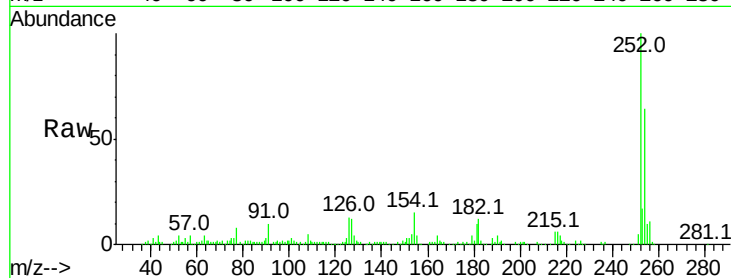




#81
 3,3'-Dichlorobenzidine
 Concen: 24.480 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

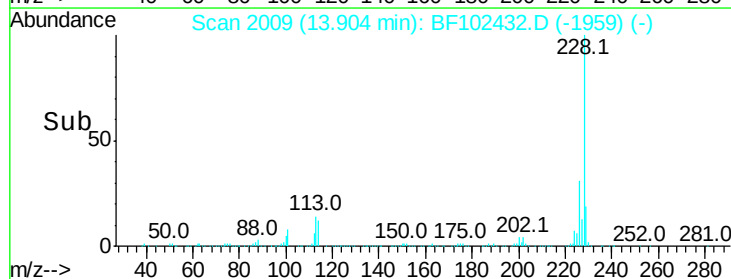
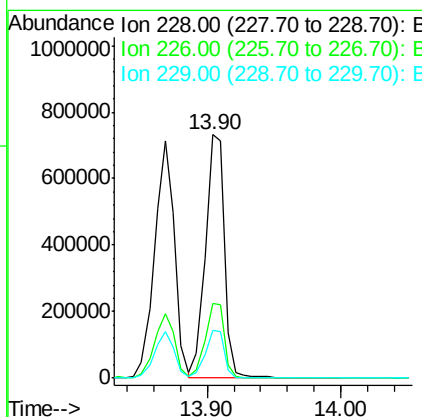
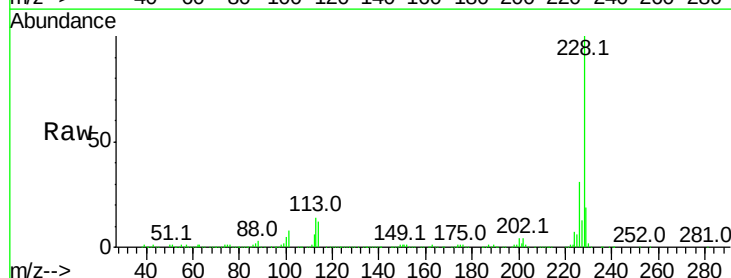
Instrument :
 BNA_F
 ClientSampleId :

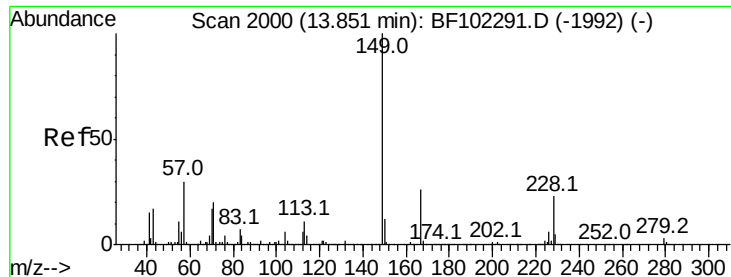
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	13.4	11.3	16.9



#82
 Chrysene
 Concen: 40.765 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.4	16.2	24.4

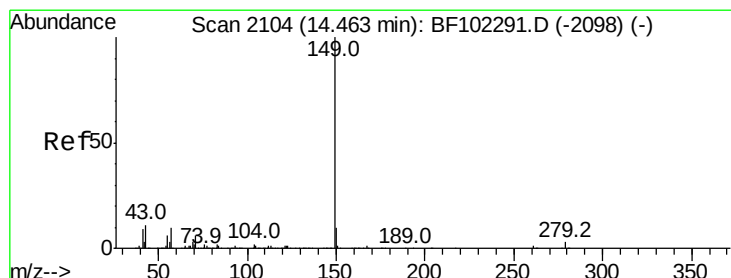
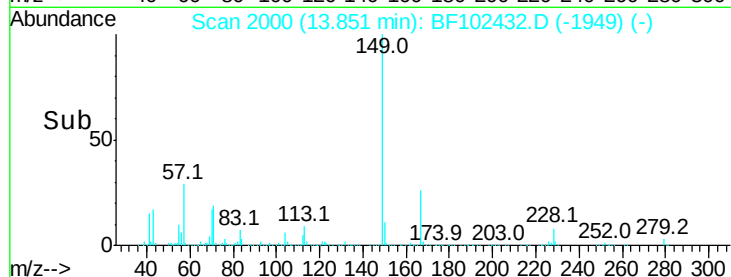
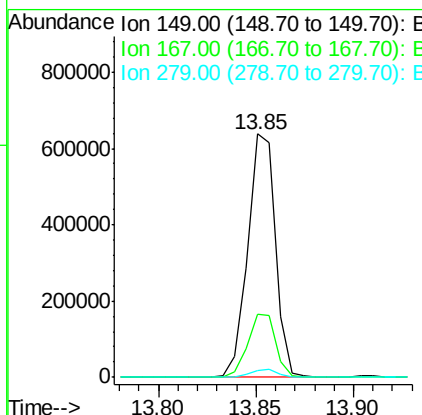
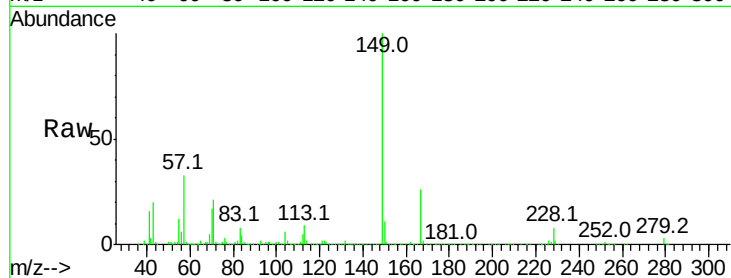




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.702 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

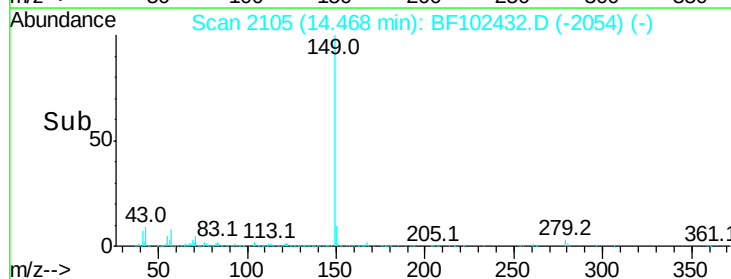
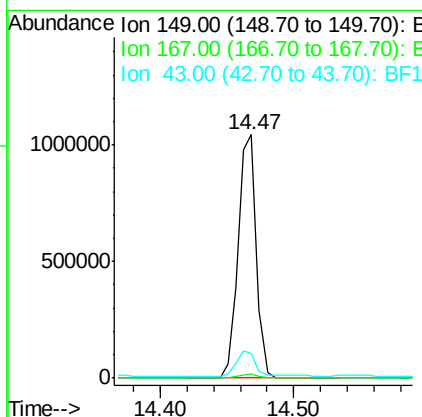
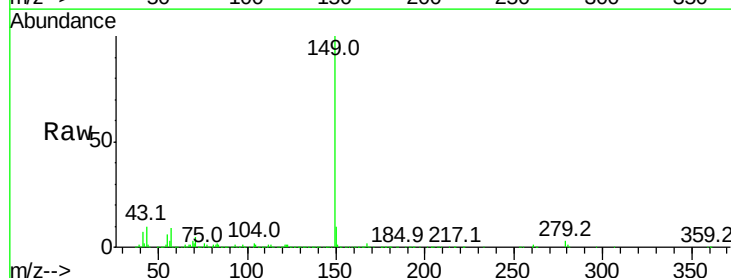
Instrument :
 BNA_F
 ClientSampleId :

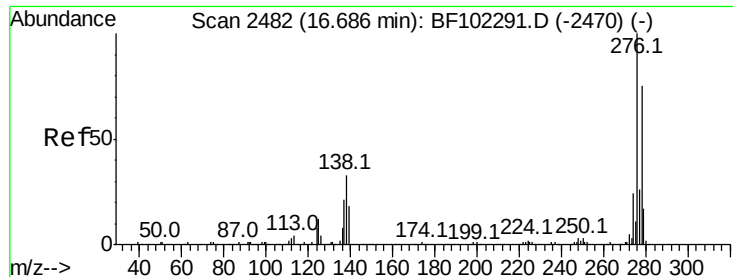
Tot Ion:149 Resp: 627781
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 2.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 41.327 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion:149 Resp: 988052
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.9 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.889 ng

RT: 16.70 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

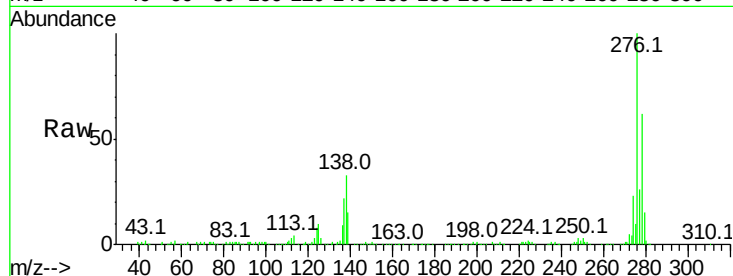
Tot Ion:276 Resp: 614933

Ion Ratio Lower Upper

276 100

138 33.3 25.0 37.6

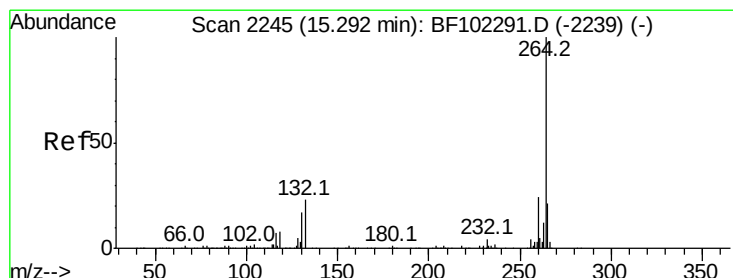
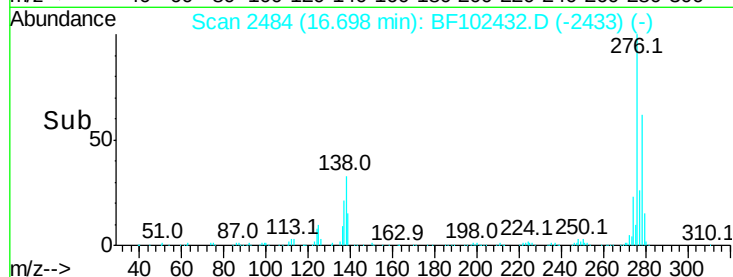
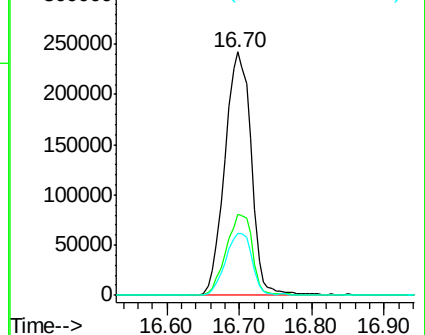
277 25.7 20.1 30.1



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# 2246

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

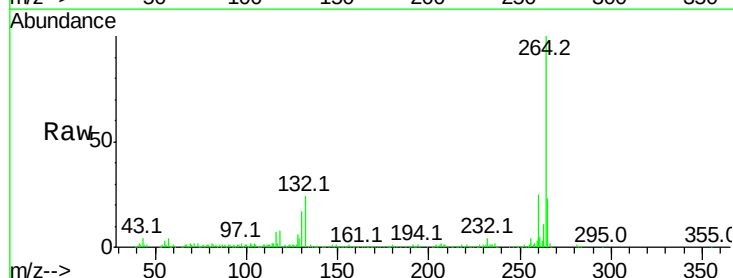
Tgt Ion:264 Resp: 231278

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

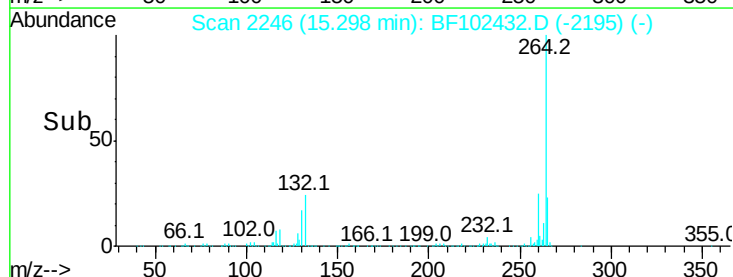
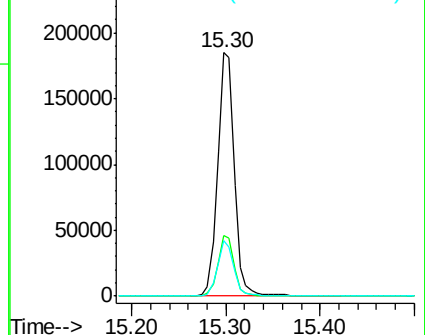
265 22.7 17.5 26.3

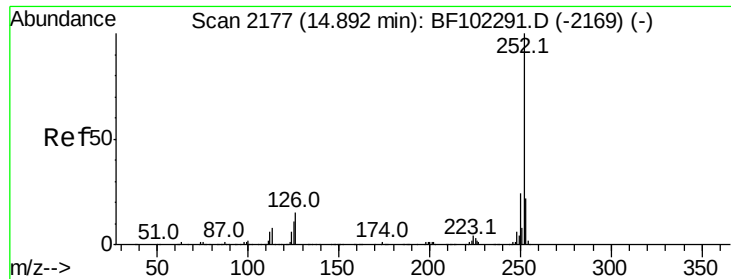


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.269 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.01 min

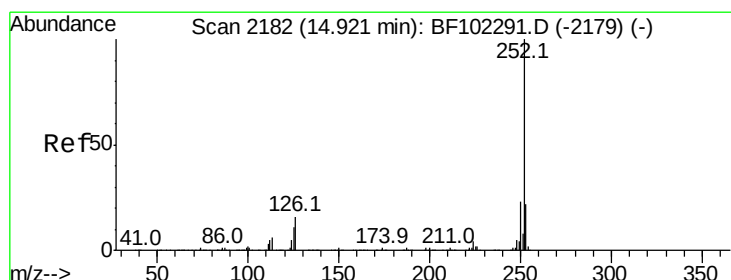
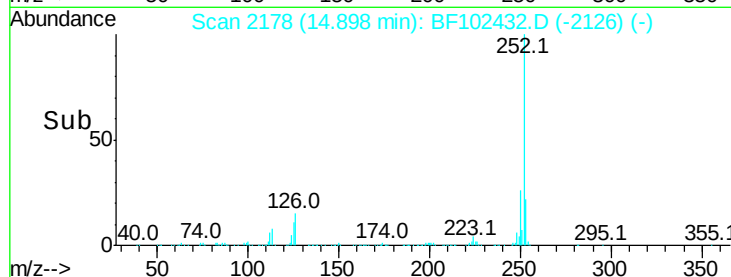
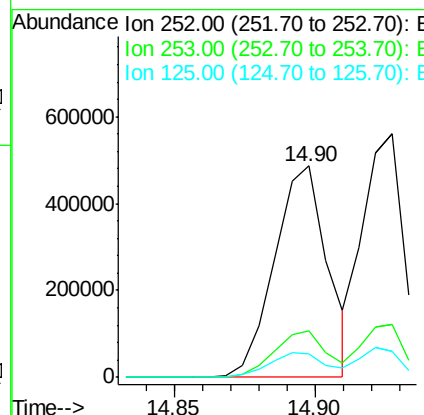
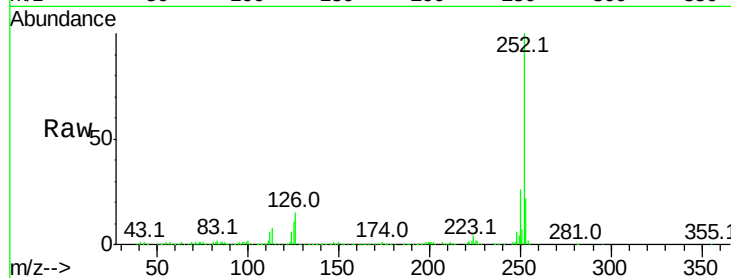
Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 633621

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	11.3	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 40.846 ng

RT: 14.93 min Scan# 2183

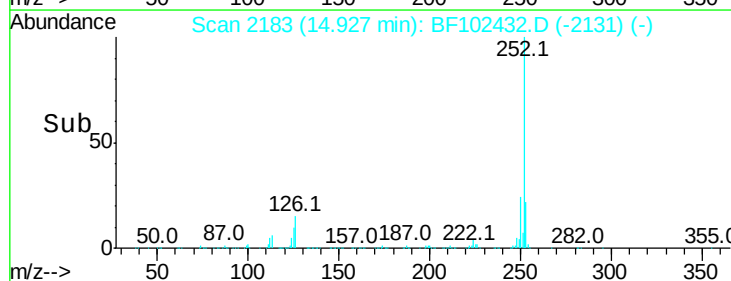
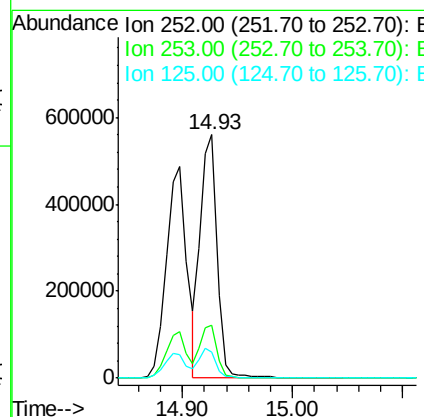
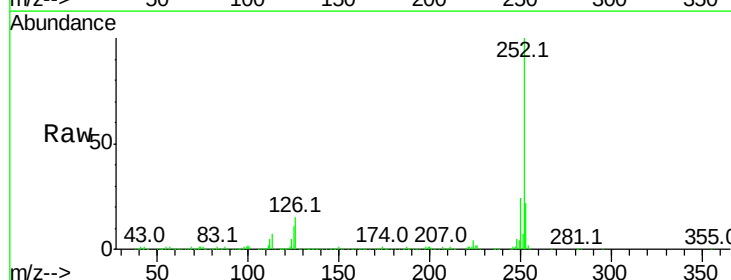
Delta R.T. 0.01 min

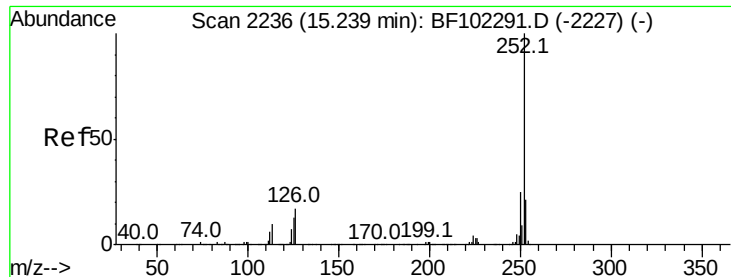
Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Tgt Ion:252 Resp: 578481

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.6	10.2	15.2





#89

Benzo(a)pyrene

Concen: 42.773 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

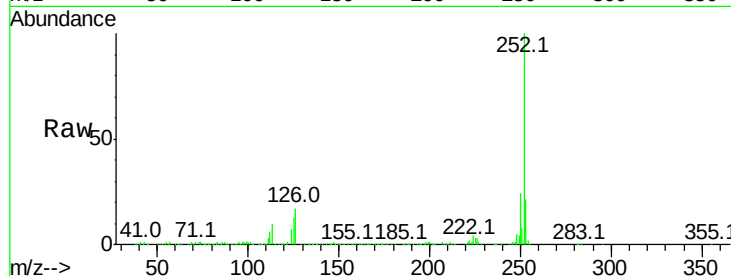
Tot Ion:252 Resp: 578277

Ion Ratio Lower Upper

252 100

253 20.9 17.1 25.7

125 13.3 9.8 14.6

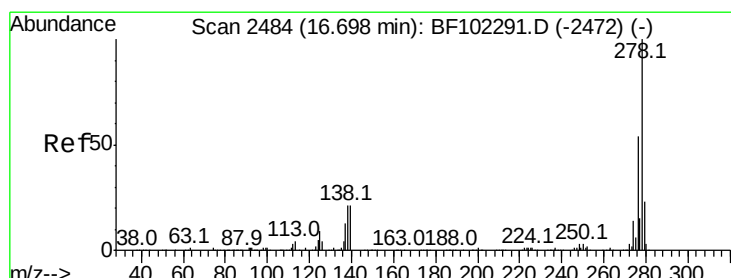
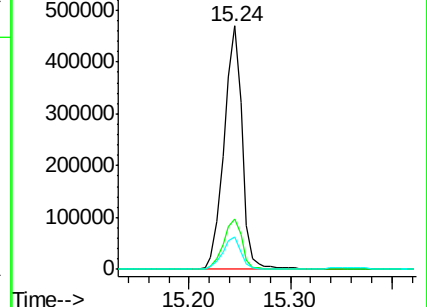
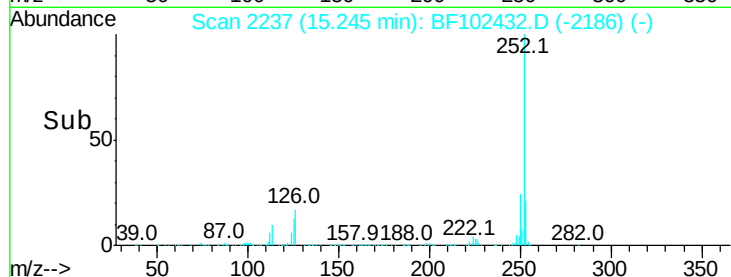


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#90

Dibenzo(a,h)anthracene

Concen: 46.217 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

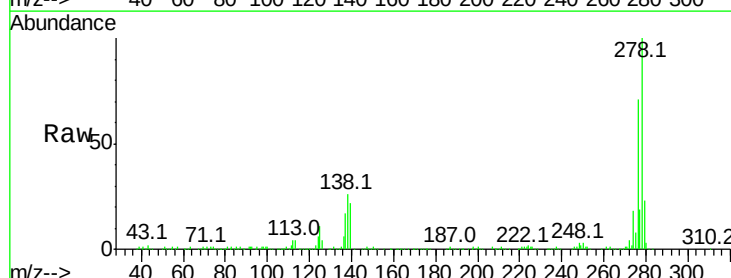
Tgt Ion:278 Resp: 506150

Ion Ratio Lower Upper

278 100

139 21.6 15.9 23.9

279 22.9 19.0 28.4

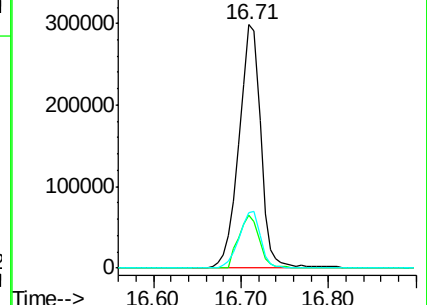
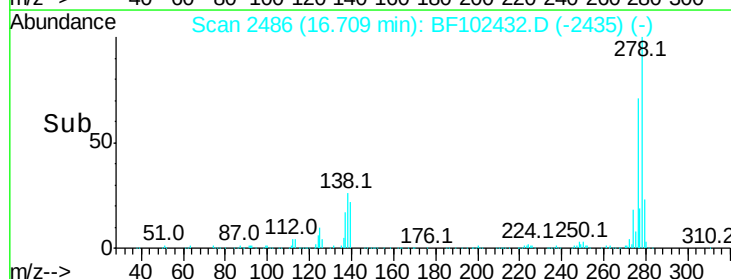


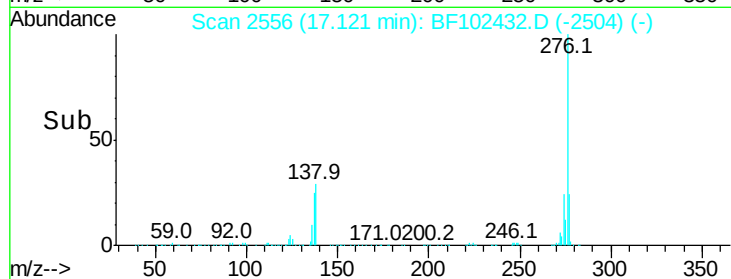
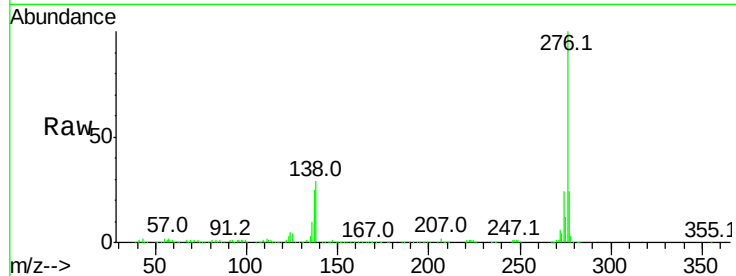
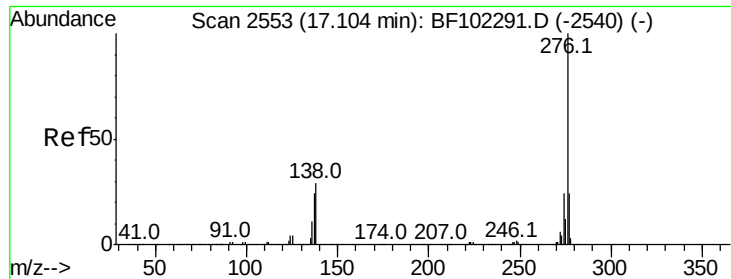
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#91

Benzo(a,h,i)perylene

Concen: 48.855 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 528294

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 28.7 21.8 32.8

