

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102349.D
 Acq On : 23 Jan 2018 18:35
 Operator : SJ/JU
 Sample : PB105888BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 23:43:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	122219	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	520891	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	237420	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	435978	20.00	ng	0.00
75) Chrysene-d12	13.88	240	367327	20.00	ng	0.00
86) Perylene-d12	15.30	264	291753	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	844710	104.80	ng	0.01
7) Phenol-d6	6.36	99	1026559	105.64	ng	0.00
23) Nitrobenzene-d5	7.28	82	643276	70.97	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	235386	100.06	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1206300	74.71	ng	0.00
78) Terphenyl-d14	12.83	244	1190744	73.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	119532	31.211	ng	99
3) Pyridine	3.15	79	333628	33.335	ng	94
4) n-Nitrosodimethylamine	3.10	42	161968	41.279	ng	97
6) Aniline	6.38	93	208383	16.212	ng	# 11
8) 2-Chlorophenol	6.50	128	320812	37.968	ng	96
9) Benzaldehyde	6.26	77	171439	29.058	ng	95
10) Phenol	6.37	94	383189	36.119	ng	86
11) bis(2-Chloroethyl)ether	6.46	93	293106	36.325	ng	98
12) 1,3-Dichlorobenzene	6.65	146	346356	34.466	ng	98
13) 1,4-Dichlorobenzene	6.73	146	346782	34.450	ng	98
14) 1,2-Dichlorobenzene	6.89	146	324207	35.211	ng	98
15) Benzyl Alcohol	6.86	79	256790	37.452	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	476653	35.221	ng	88
17) 2-Methylphenol	6.98	107	268602	36.602	ng	97
18) Hexachloroethane	7.22	117	122832	35.017	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	214921	36.140	ng	98
20) 3+4-Methylphenols	7.13	107	336050	38.937	ng	# 81
22) Acetophenone	7.13	105	439679	35.409	ng	94
24) Nitrobenzene	7.30	77	329408	35.512	ng	95
25) Isophorone	7.54	82	601187	37.204	ng	99
26) 2-Nitrophenol	7.62	139	182957	37.475	ng	95
27) 2,4-Dimethylphenol	7.66	122	290424	40.968	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	384804	38.549	ng	98
29) 2,4-Dichlorophenol	7.86	162	278059	38.507	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	260731	33.683	ng	98
31) Naphthalene	8.02	128	911760	35.058	ng	100
32) Benzoic acid	7.80	122	210634	35.464	ng	97
33) 4-Chloroaniline	8.07	127	117039	10.702	ng	96
34) Hexachlorobutadiene	8.13	225	134800	32.606	ng	99
35) Caprolactam	8.45	113	62135	26.054	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	301719	39.640	ng	97
37) 2-Methylnaphthalene	8.71	142	630793	36.420	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	243142	34.039	ng	98
40) Hexachlorocyclopentadiene	8.86	237	243621	76.211	ng	99

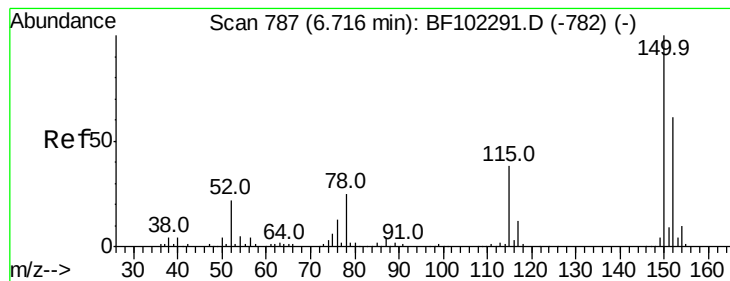
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102349.D
 Acq On : 23 Jan 2018 18:35
 Operator : SJ/JU
 Sample : PB105888BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	181781	38.016	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	195971	36.399	ng	96
45) 1,1'-Biphenyl	9.17	154	740677	34.890	ng	99
46) 2-Chloronaphthalene	9.20	162	575059	34.849	ng	99
47) 2-Nitroaniline	9.30	65	195630	38.027	ng	97
48) Acenaphthylene	9.62	152	898587	34.954	ng	99
49) Dimethylphthalate	9.48	163	694259	35.378	ng	100
50) 2,6-Dinitrotoluene	9.55	165	157033	37.115	ng	97
51) Acenaphthene	9.79	154	517025	34.436	ng	100
52) 3-Nitroaniline	9.72	138	97045	19.389	ng	88
53) 2,4-Dinitrophenol	9.83	184	161822	85.001	ng	# 22
54) Dibenzofuran	9.96	168	783331	38.550	ng	99
55) 4-Nitrophenol	9.89	139	266407	80.633	ng	94
56) 2,4-Dinitrotoluene	9.95	165	202430	38.906	ng	94
57) Fluorene	10.30	166	608761	37.808	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	155873	40.549	ng	97
59) Diethylphthalate	10.18	149	716333	37.563	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	263554	37.754	ng	98
61) 4-Nitroaniline	10.33	138	178257	35.691	ng	91
62) Azobenzene	10.46	77	642037	36.773	ng	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	99918	34.352	ng	80
65) n-Nitrosodiphenylamine	10.42	169	563821	35.234	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	166020	35.374	ng	98
67) Hexachlorobenzene	10.85	284	167525	31.916	ng	99
68) Atrazine	10.95	200	180972	38.292	ng	98
69) Pentachlorophenol	11.05	266	189891	68.868	ng	98
70) Phenanthrene	11.26	178	900891	35.461	ng	99
71) Anthracene	11.32	178	937814	36.166	ng	99
72) Carbazole	11.47	167	908199	35.900	ng	99
73) Di-n-butylphthalate	11.80	149	1138747	36.012	ng	99
74) Fluoranthene	12.45	202	954674	36.850	ng	98
76) Benzidine	12.57	184	347035	28.123	ng	98
77) Pyrene	12.68	202	967062	34.051	ng	100
79) Butylbenzylphthalate	13.30	149	497620	35.208	ng	99
80) Benzo(a)anthracene	13.87	228	802456	35.483	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	212808	25.652	ng	99
82) Chrysene	13.90	228	789821	34.392	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	682291	35.921	ng	99
84) Di-n-octyl phthalate	14.47	149	1126219	36.460	ng	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	573151	30.219	ng	98
87) Benzo(b)fluoranthene	14.89	252	750615	39.694	ng	97
88) Benzo(k)fluoranthene	14.92	252	631973	35.373	ng	99
89) Benzo(a)pyrene	15.24	252	648005	37.996	ng	99
90) Dibenzo(a,h)anthracene	16.70	278	468267	33.895	ng	98
91) Benzo(g,h,i)perylene	17.11	276	484114	35.490	ng	99

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

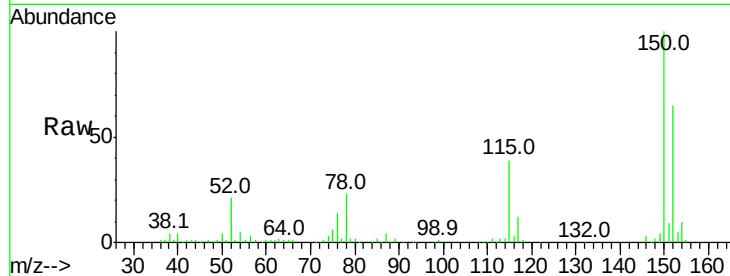


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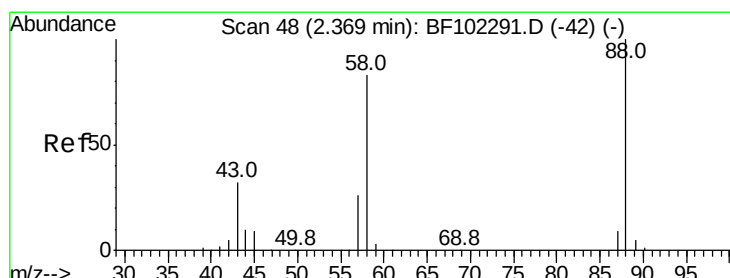
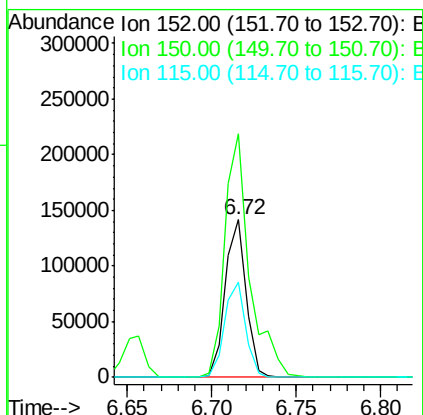
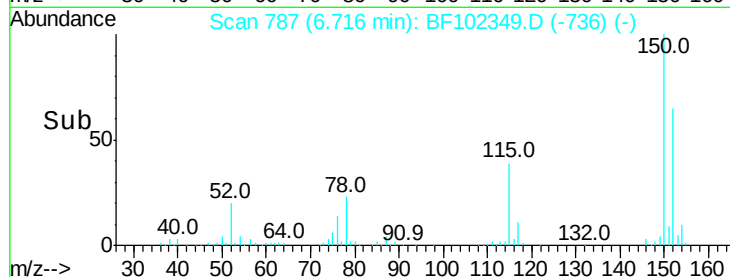
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 122219
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.2 50.1 75.1



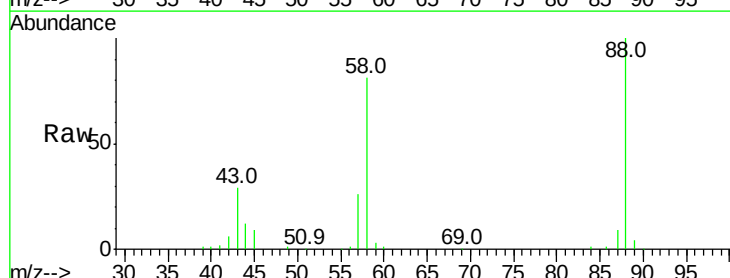
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



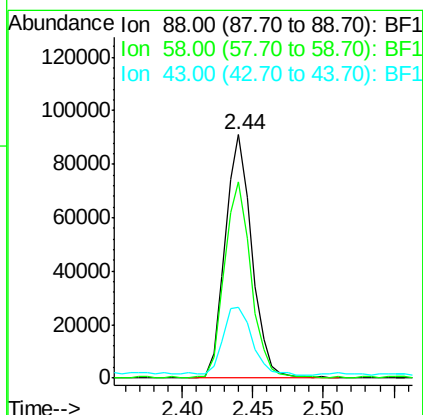
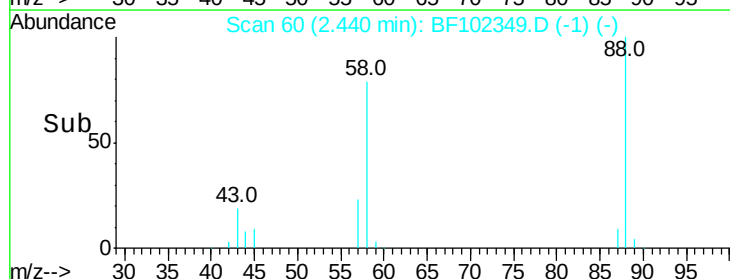
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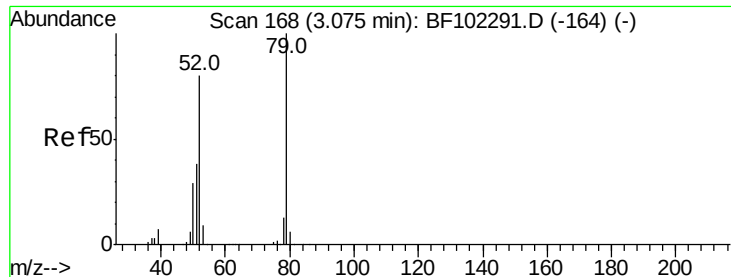
1,4-Dioxane
Concen: 31.211 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.07 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Tgt Ion: 88 Resp: 119532
Ion Ratio Lower Upper
88 100
58 79.4 62.6 93.8
43 30.0 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

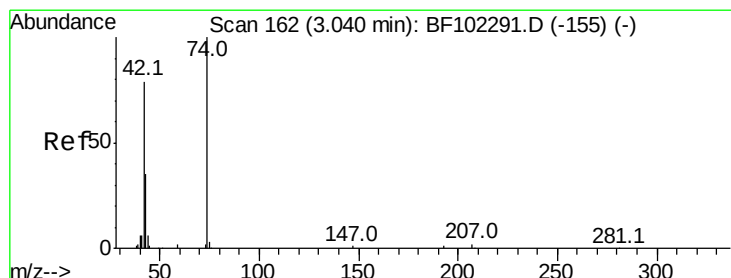
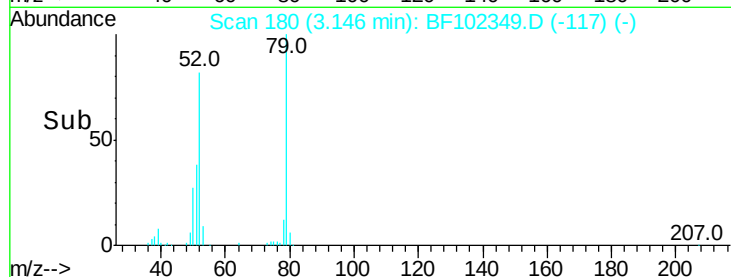
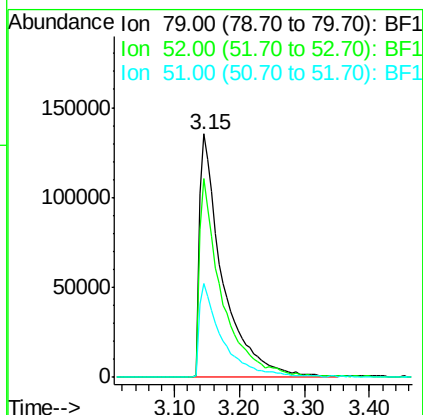
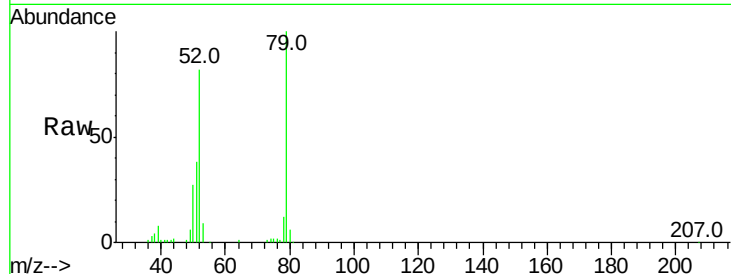




#3
 Pvridine
 Concen: 33.335 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.07 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

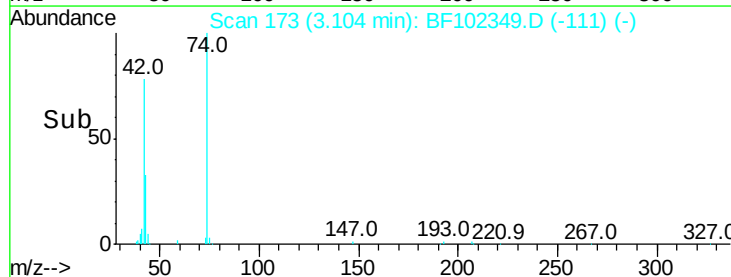
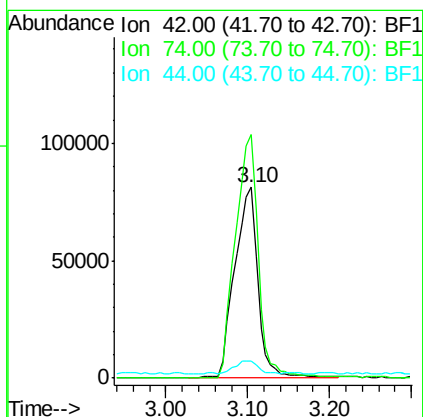
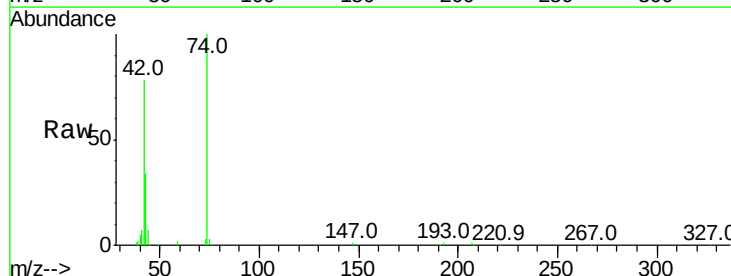
Instrument :
 BNA_F
 ClientSampleId :

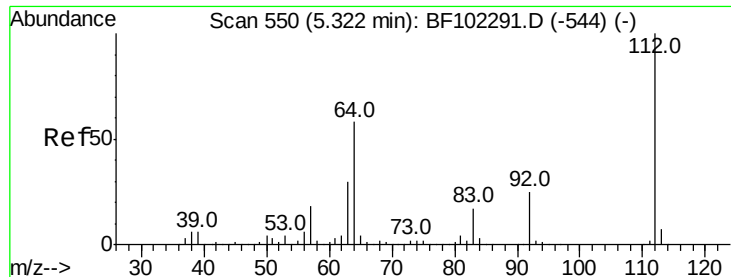
Tot Ion: 79 Resp: 333628
 Ion Ratio Lower Upper
 79 100
 52 81.7 59.8 89.6
 51 38.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 41.279 ng
 RT: 3.10 min Scan# 173
 Delta R.T. 0.06 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Tgt Ion: 42 Resp: 161968
 Ion Ratio Lower Upper
 42 100
 74 127.5 104.9 157.3
 44 9.0 6.9 10.3

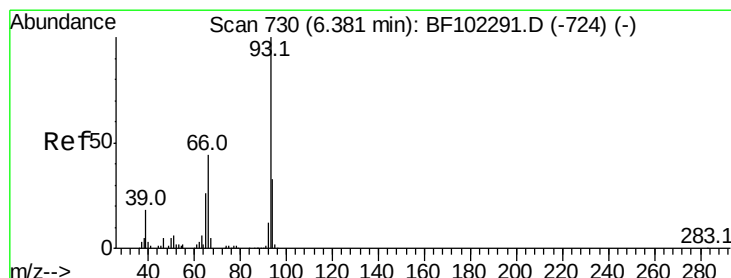
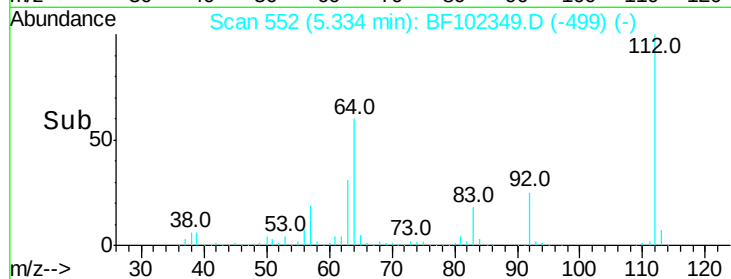
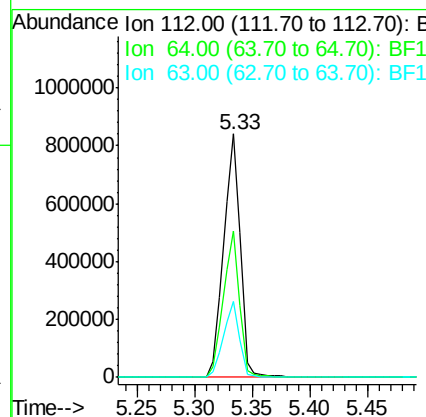
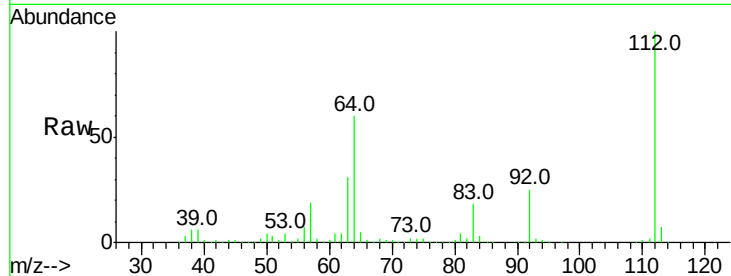




#5
 2-Fluorophenol
 Concen: 104.795 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

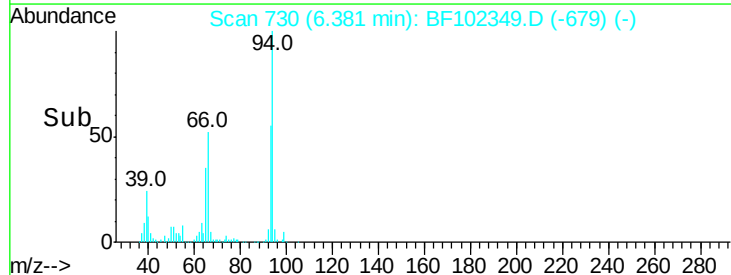
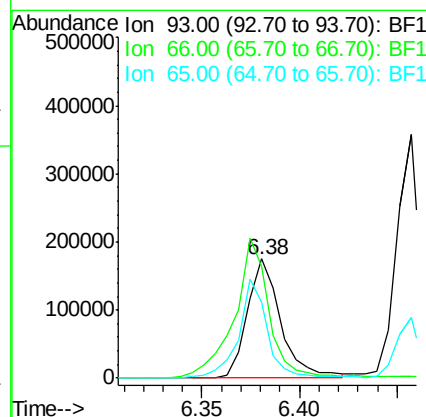
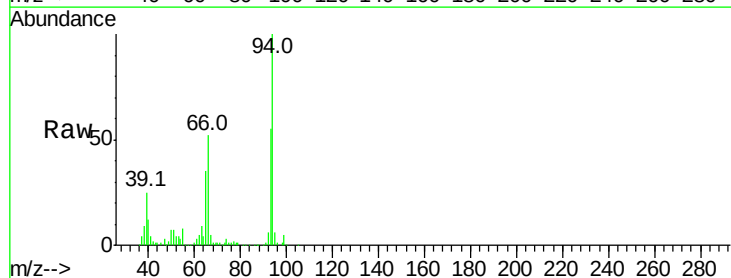
Instrument :
 BNA_F
 ClientSampleId :

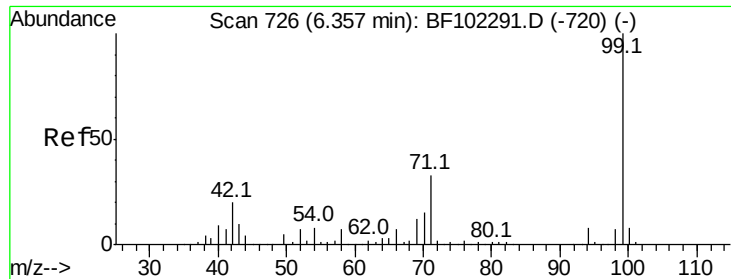
Tot Ion:	112	Resp:	844710
Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	31.1	23.7	35.5



#6
 Aniline
 Concen: 16.212 ng
 RT: 6.38 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Tgt Ion:	93	Resp:	208383
Ion	Ratio	Lower	Upper
93	100		
66	94.2	32.2	48.2#
65	63.8	16.4	24.6#





#7

Phenol-d6

Concen: 105.638 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

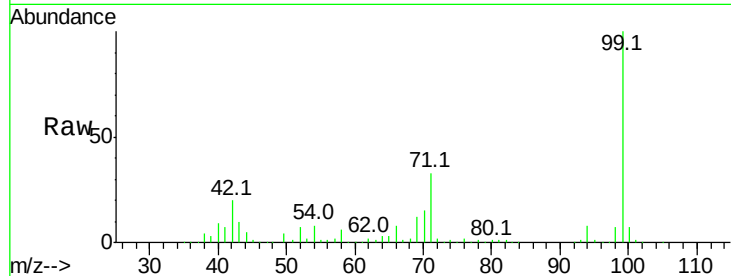
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1026559

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	33.3	25.4	38.0

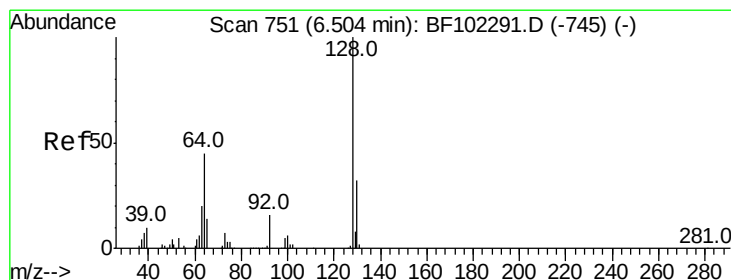
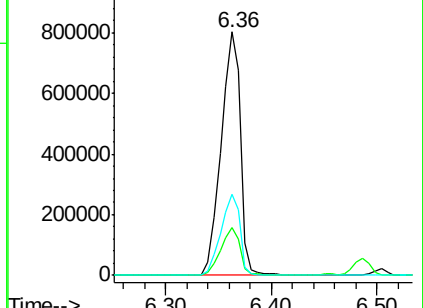
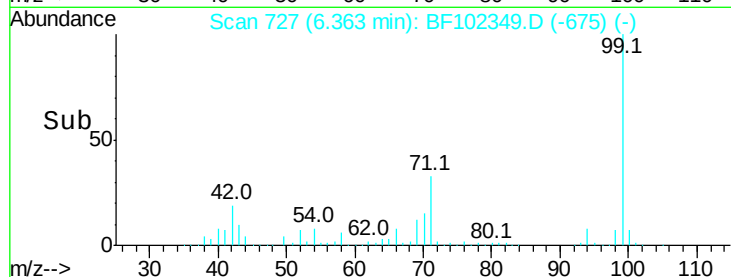


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.968 ng

RT: 6.50 min Scan# 751

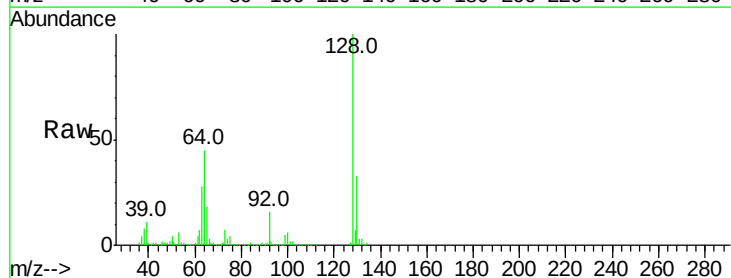
Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Tgt Ion:128 Resp: 320812

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	45.3	29.4	69.4

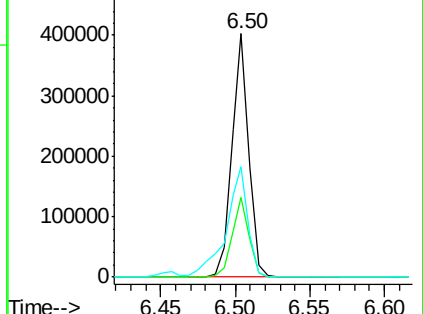
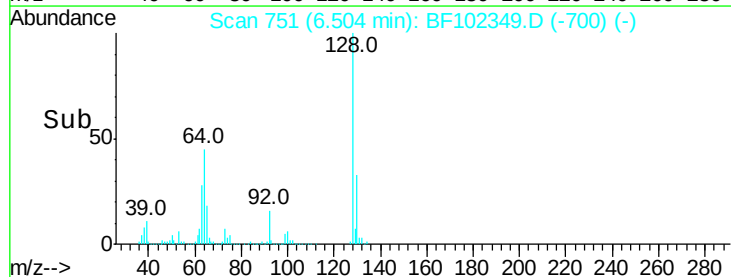


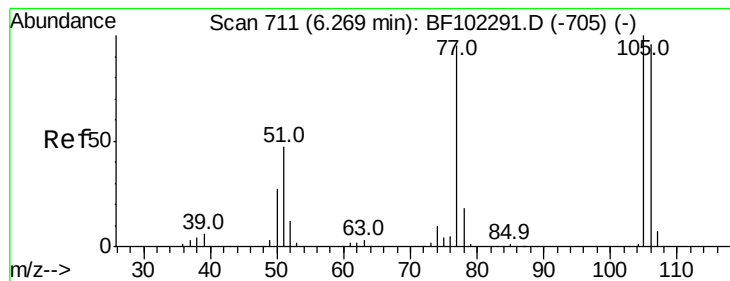
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.058 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

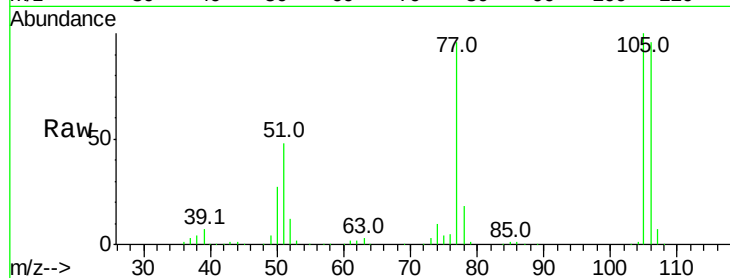
Tot Ion: 77 Resp: 171439

Ion Ratio Lower Upper

77 100

105 104.4 81.1 121.1

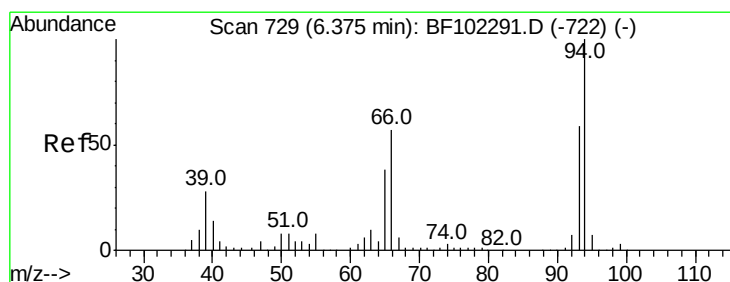
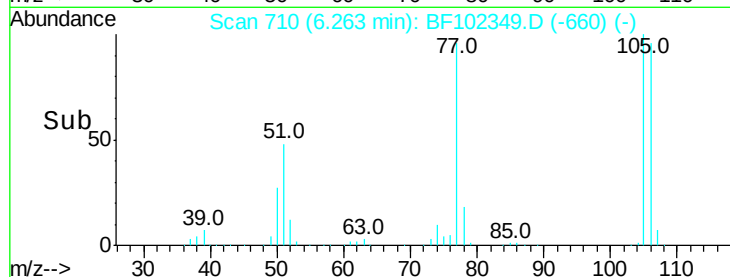
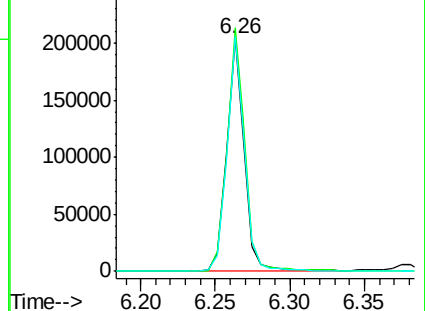
106 100.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.119 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

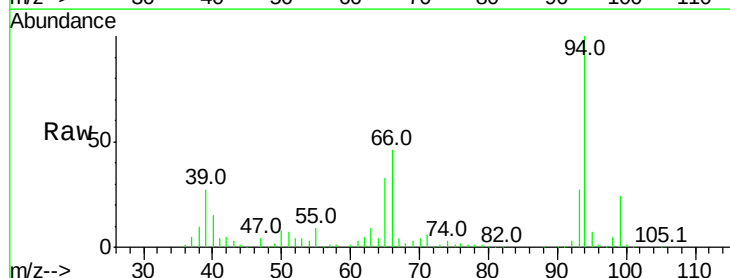
Tgt Ion: 94 Resp: 383189

Ion Ratio Lower Upper

94 100

65 32.7 7.9 47.9

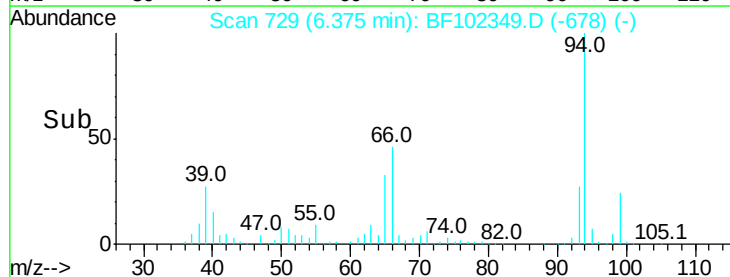
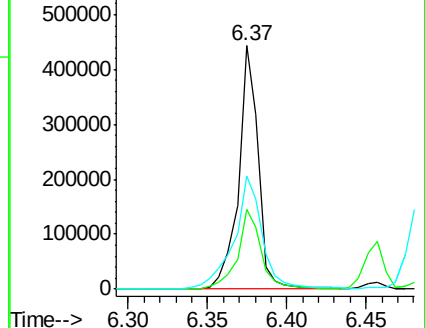
66 46.3 16.2 56.2

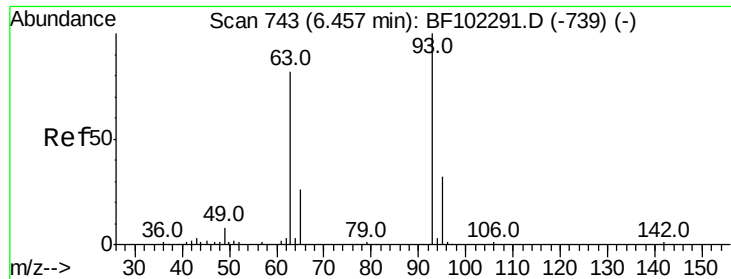


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

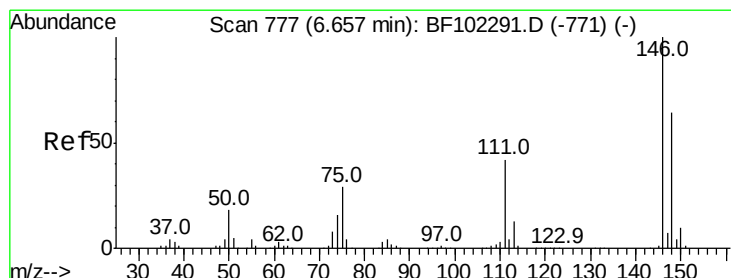
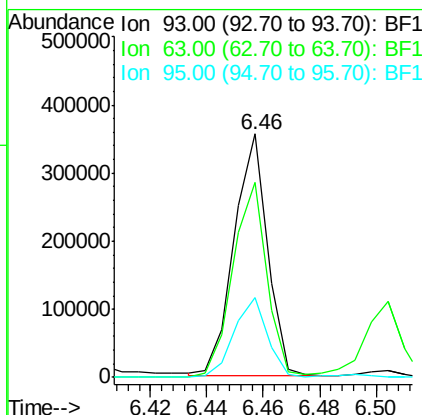
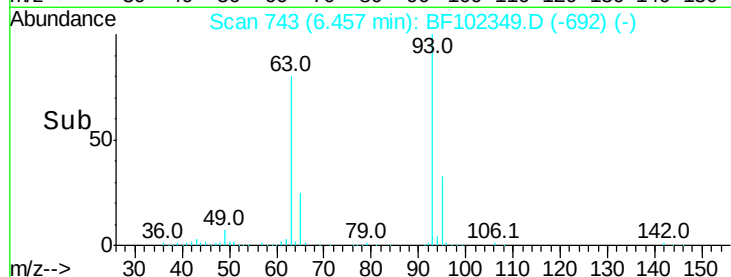
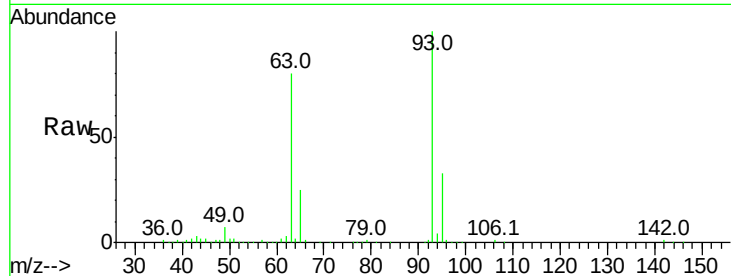




#11
 bis(2-Chloroethyl)ether
 Concen: 36.325 ng
 RT: 6.46 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

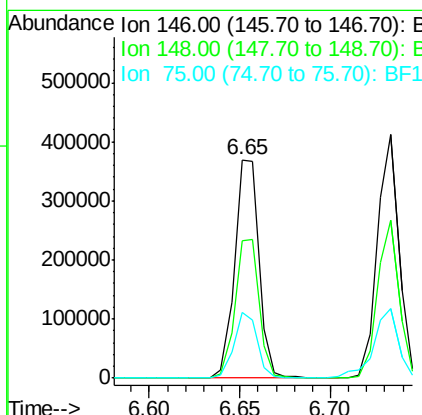
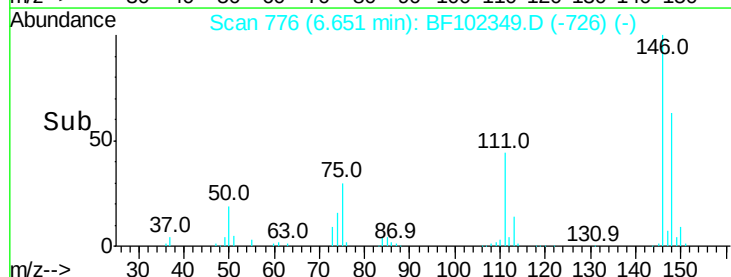
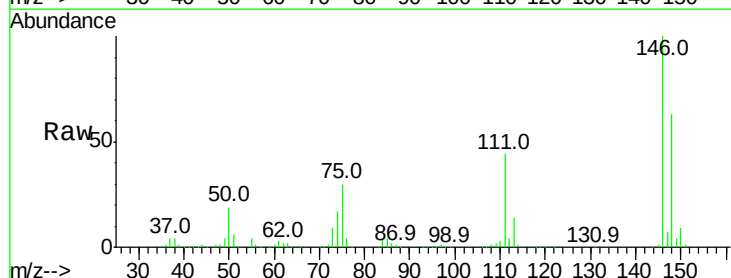
Instrument :
 BNA_F
 ClientSampled :

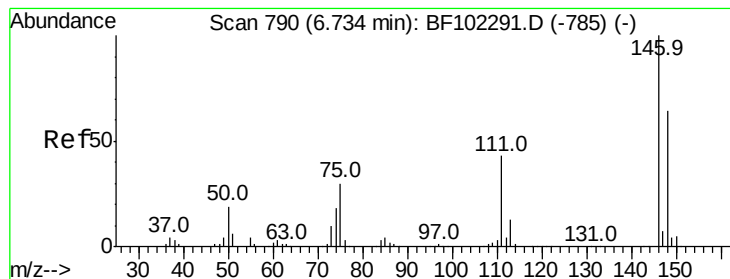
Tot Ion:	93	Resp:	293106
Ion	Ratio	Lower	Upper
93	100		
63	80.3	58.6	98.6
95	33.0	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 34.466 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Tgt Ion:	146	Resp:	346356
Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.8
75	29.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 34.450 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

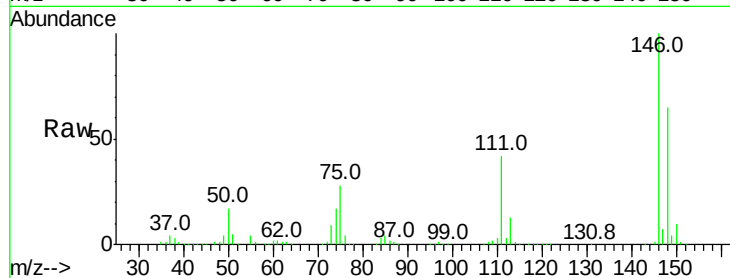
Tot Ion:146 Resp: 346782

Ion Ratio Lower Upper

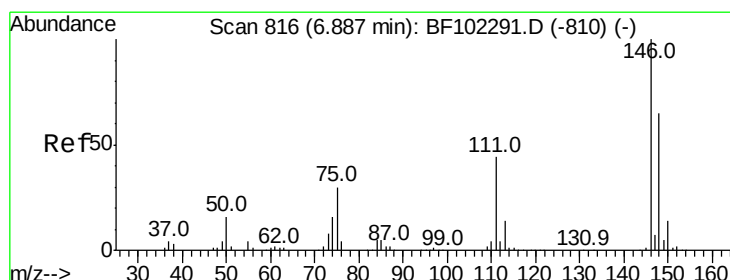
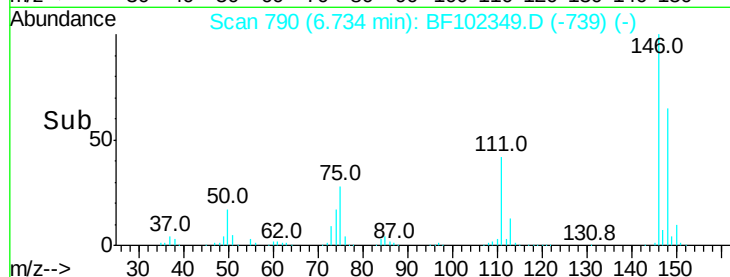
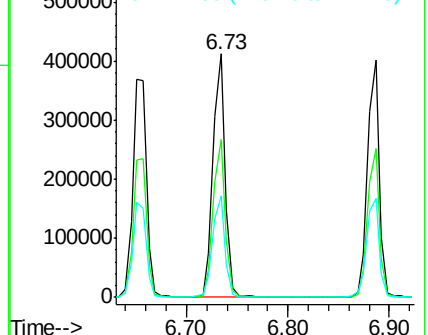
146 100

148 64.6 50.8 76.2

111 41.5 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 35.211 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

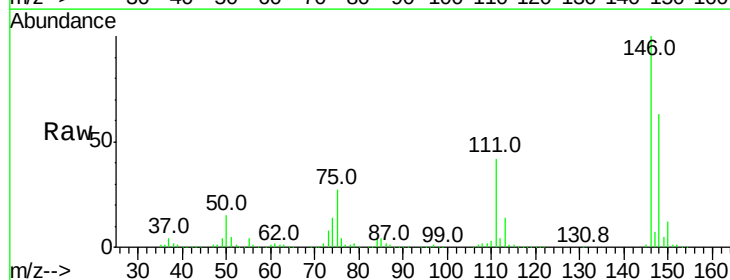
Tgt Ion:146 Resp: 324207

Ion Ratio Lower Upper

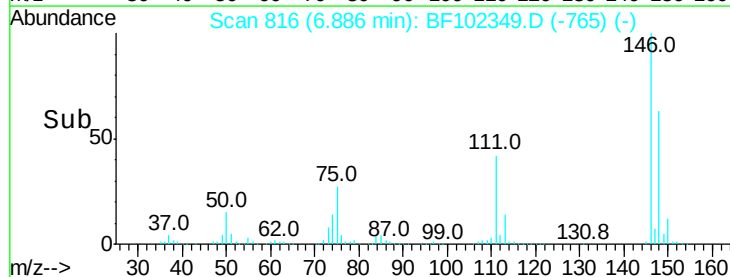
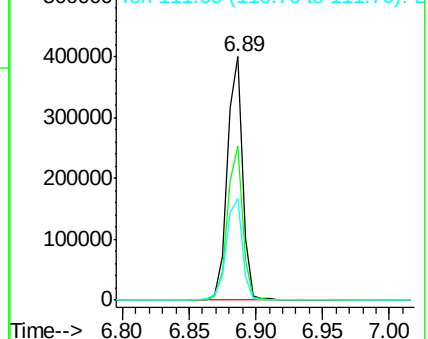
146 100

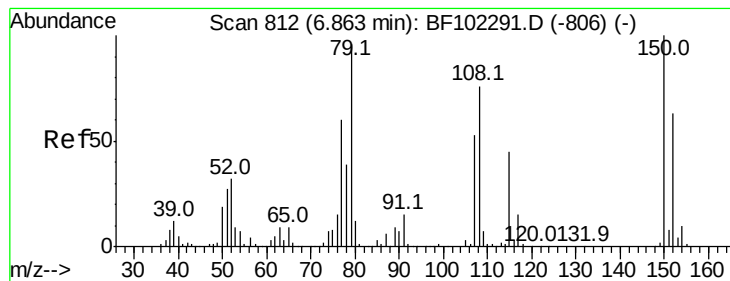
148 63.0 50.6 75.8

111 41.6 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 37.452 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :
BNA_F
ClientSampled :

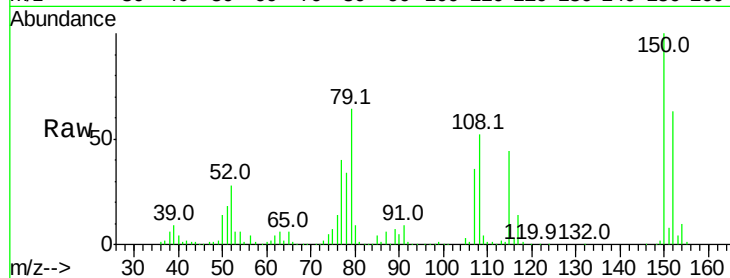
Tot Ion: 79 Resp: 256790

Ion Ratio Lower Upper

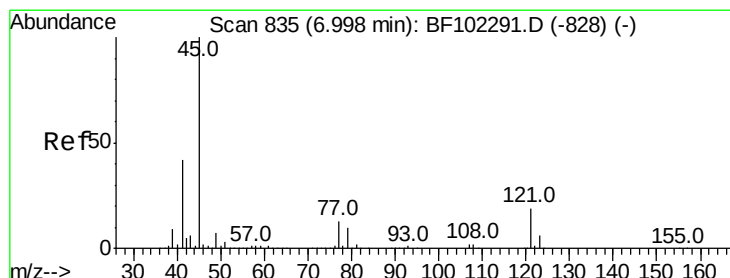
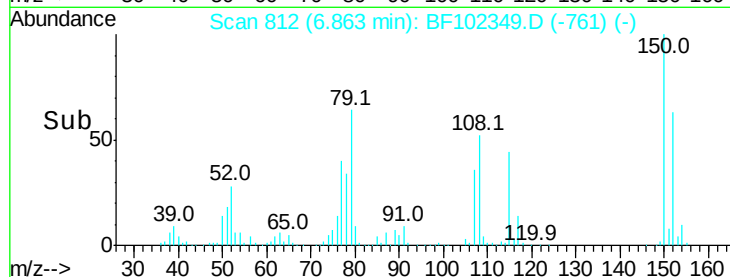
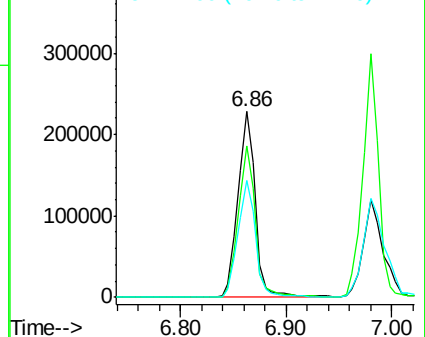
79 100

108 81.3 65.1 97.7

77 62.8 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.221 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

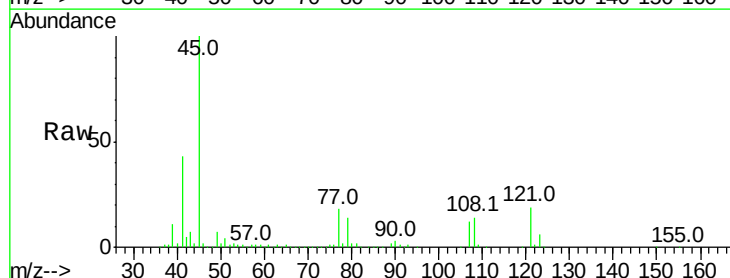
Tgt Ion: 45 Resp: 476653

Ion Ratio Lower Upper

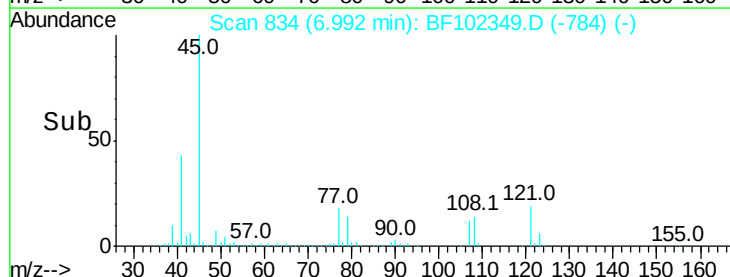
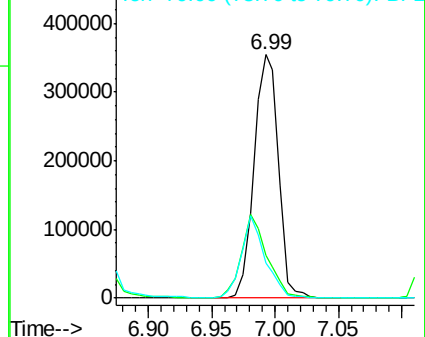
45 100

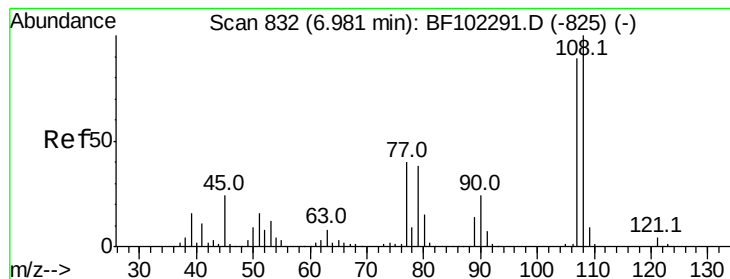
77 17.7 0.0 32.9

79 14.2 0.0 29.6



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





#17

2-Methylphenol

Concen: 36.602 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 268602

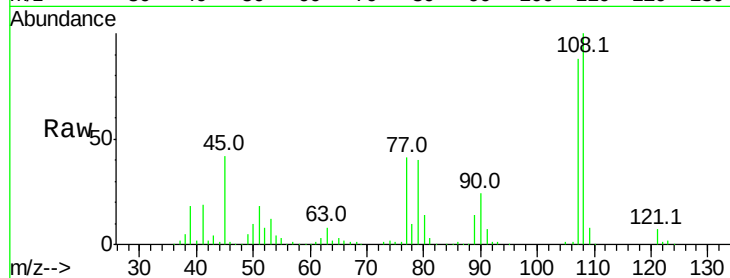
Ion Ratio Lower Upper

107 100

108 114.0 91.7 137.5

77 46.3 33.8 50.8

79 45.9 33.8 50.8

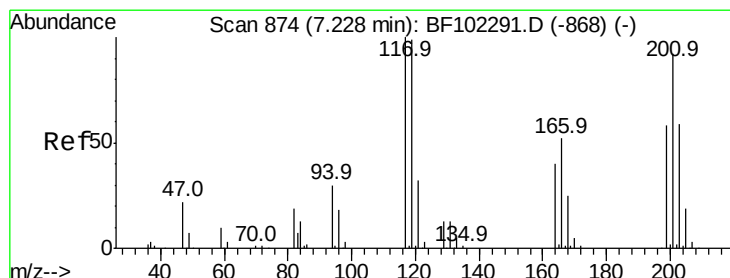
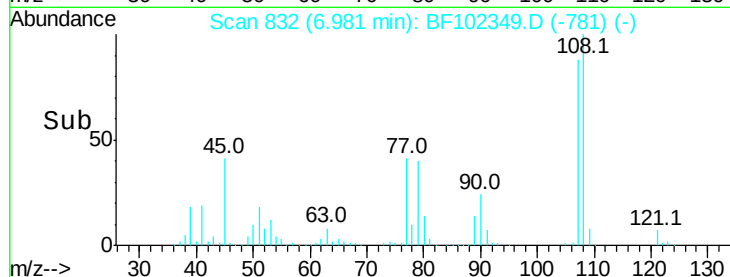
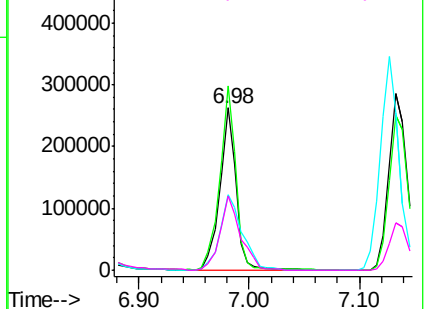


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 35.017 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

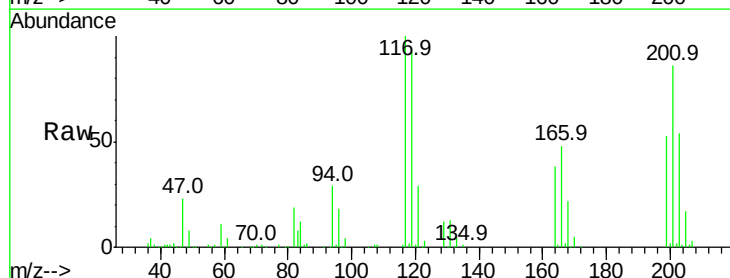
Tgt Ion:117 Resp: 122832

Ion Ratio Lower Upper

117 100

119 93.4 75.8 113.8

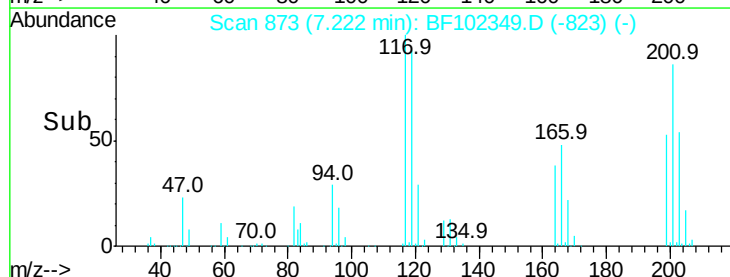
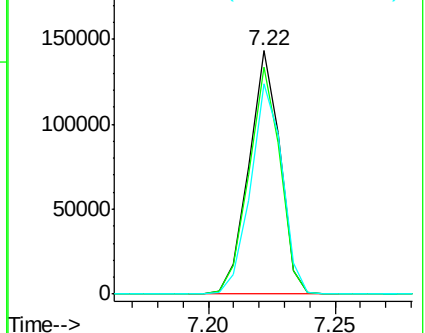
201 86.2 75.7 113.5

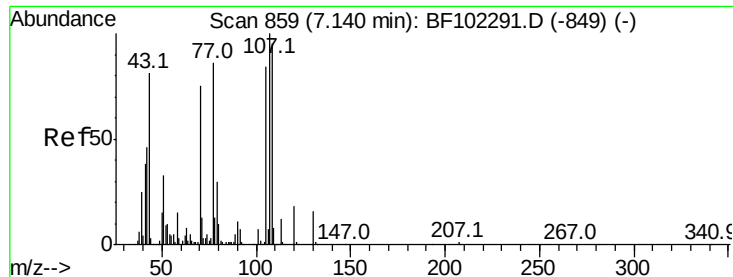


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

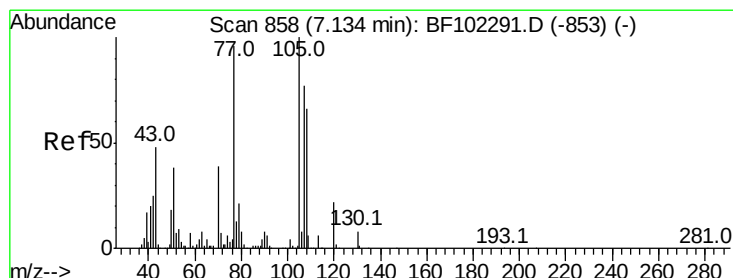
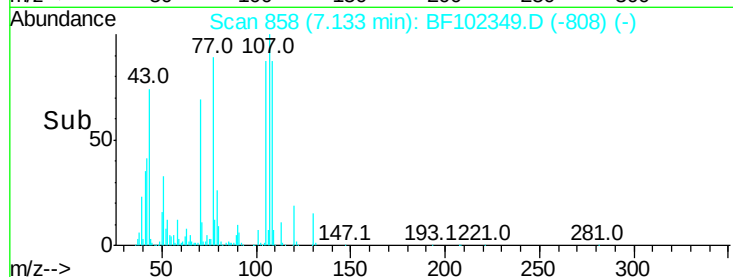
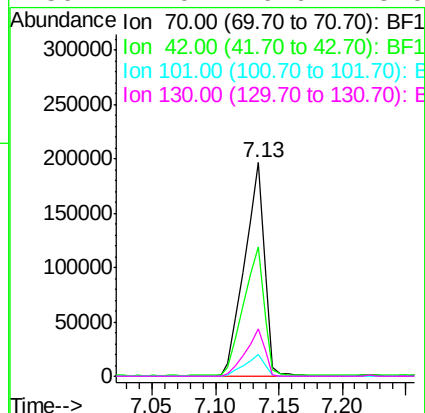
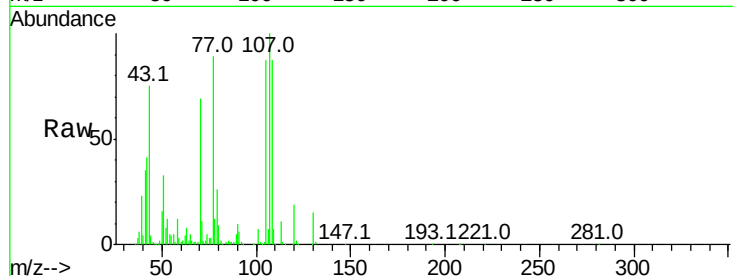




#19
n-Nitroso-di-n-propylamine
Concen: 36.140 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

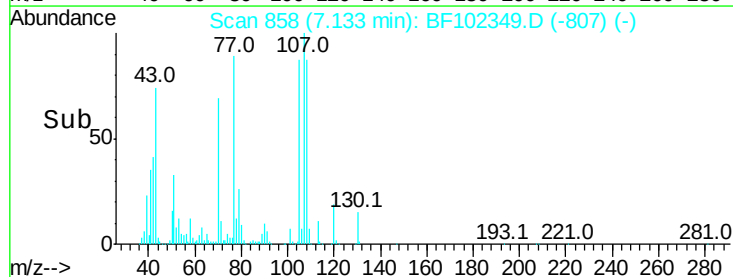
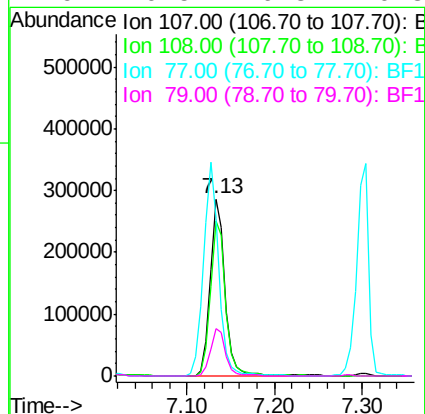
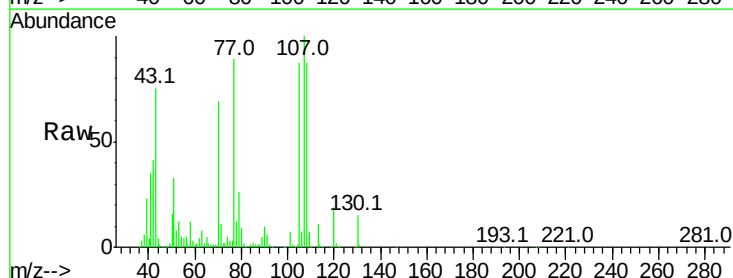
Instrument :
BNA_F
ClientSampleId :

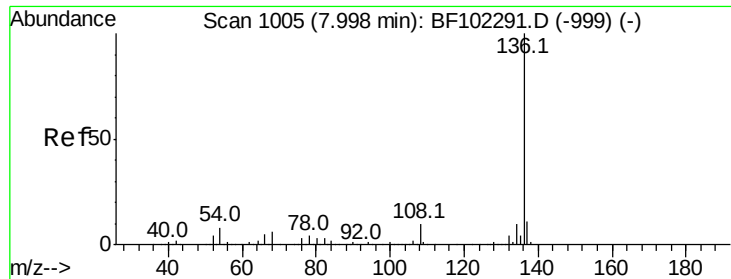
Tot Ion: 70 Resp: 214921
Ion Ratio Lower Upper
70 100
42 60.4 47.5 71.3
101 10.3 7.4 11.2
130 22.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.937 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Tgt Ion:107 Resp: 336050
Ion Ratio Lower Upper
107 100
108 87.3 68.2 108.2
77 89.3 26.7 66.7#
79 26.5 6.3 46.3

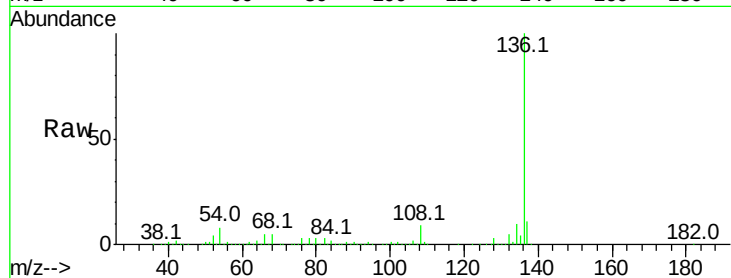




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	520891
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 7.9	6.6	9.8
68 5.1	5.0	7.4



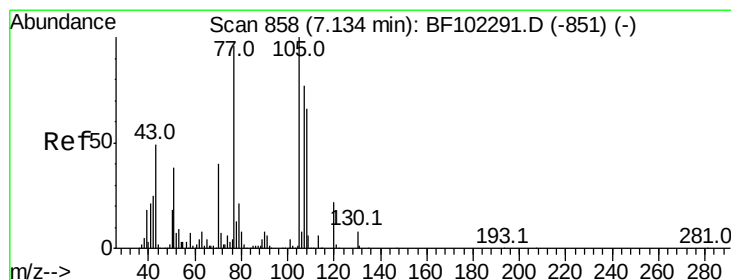
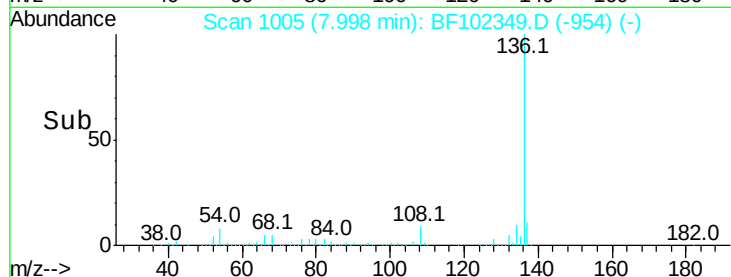
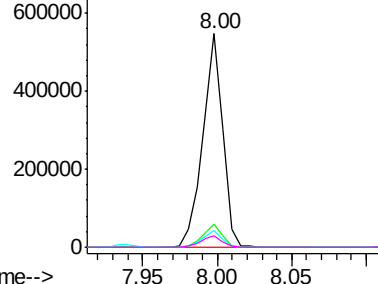
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

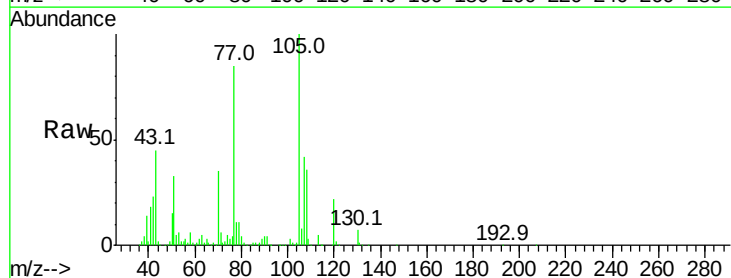
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 35.409 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Tgt	Ion:105	Resp:	439679
Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.4	6.6
51	33.1	22.3	33.5
120	21.8	16.9	25.3



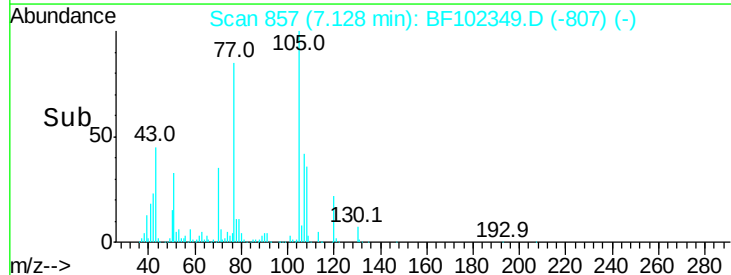
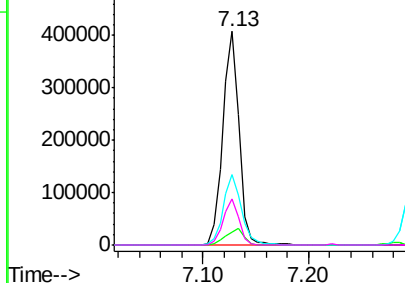
Abundance

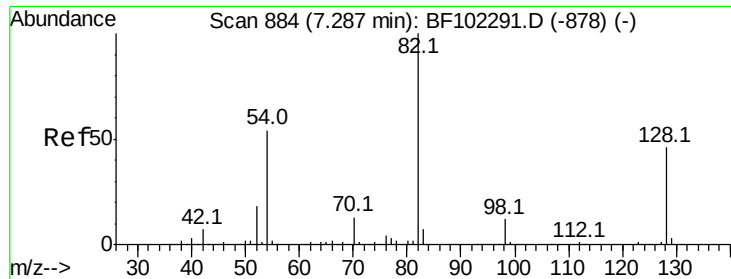
Ion 105.00 (104.70 to 105.70): E

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

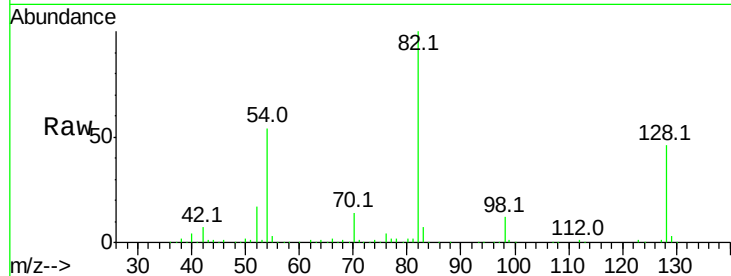




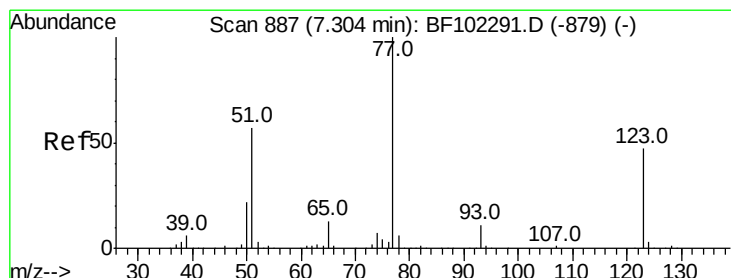
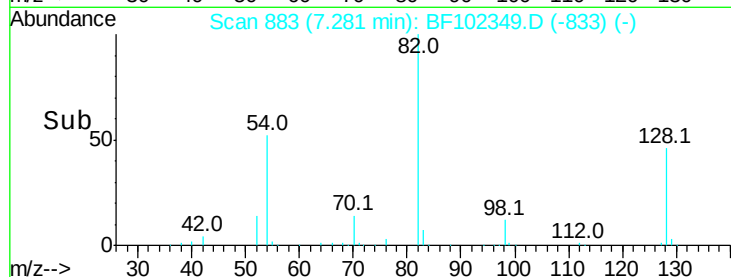
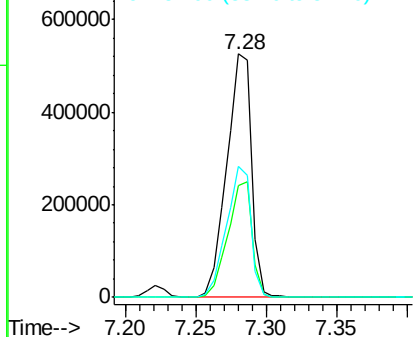
#23
Nitrobenzene-d5
Concen: 70.969 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	53.8	41.4	62.2

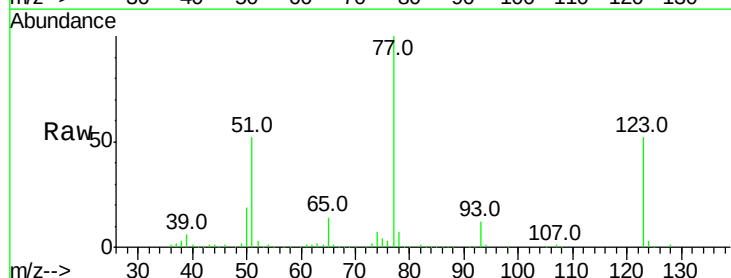


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

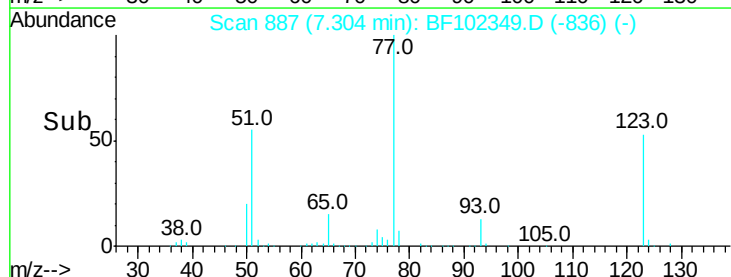
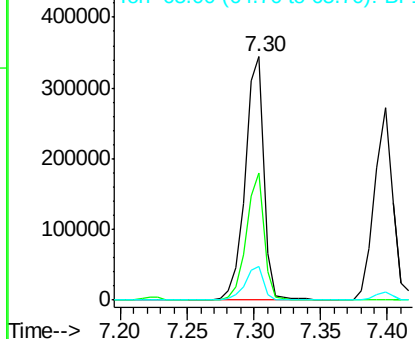


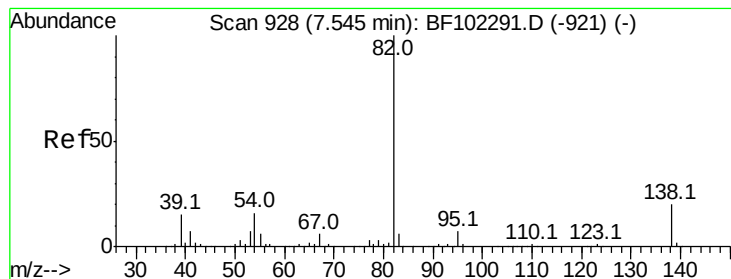
#24
Nitrobenzene
Concen: 35.512 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.1	37.9	56.9
65	13.6	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: 37.204 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

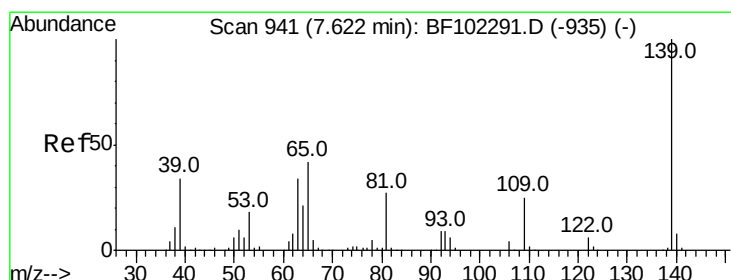
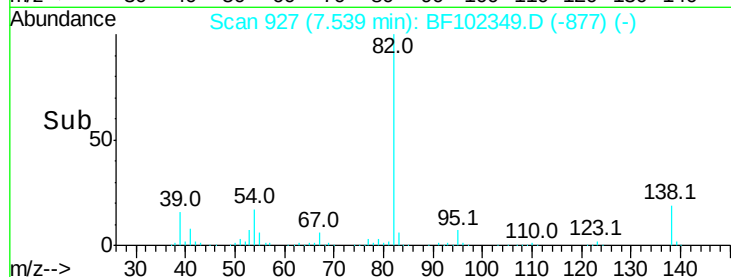
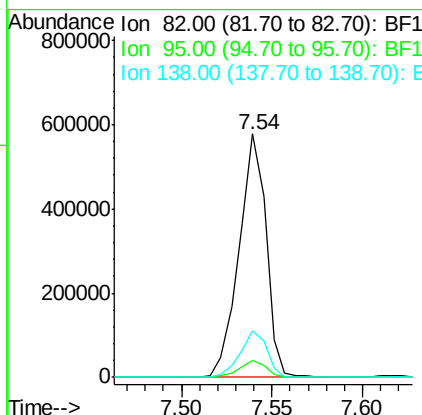
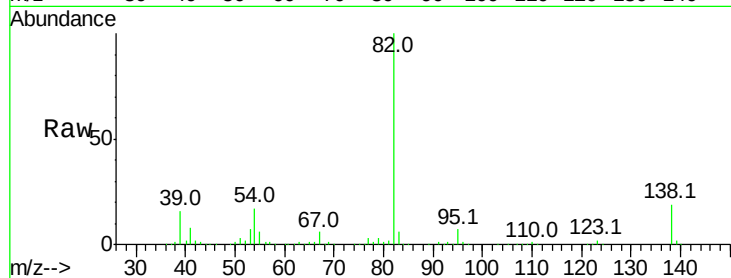
Tot Ion: 82 Resp: 601187

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 37.475 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

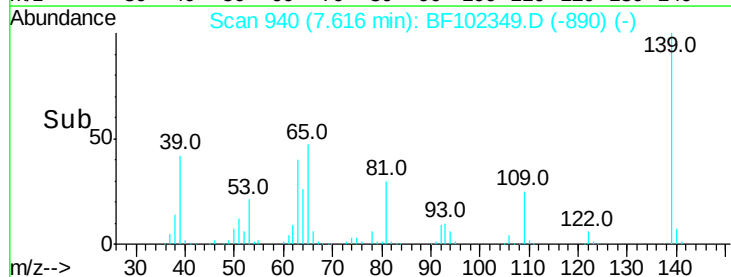
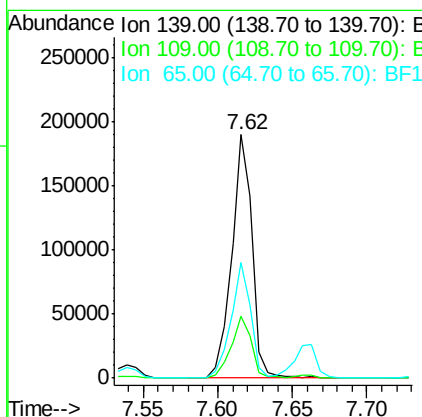
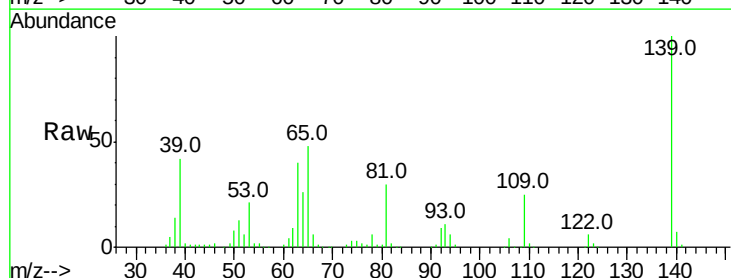
Tgt Ion: 139 Resp: 182957

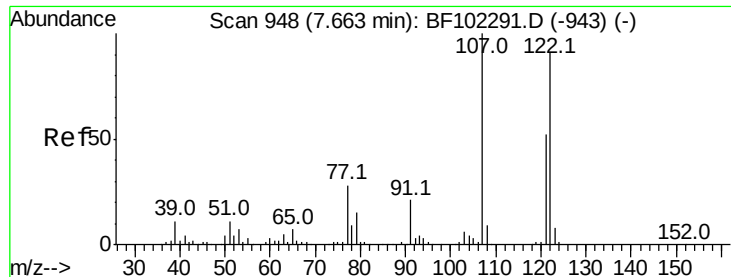
Ion Ratio Lower Upper

139 100

109 25.4 22.7 34.1

65 47.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.968 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

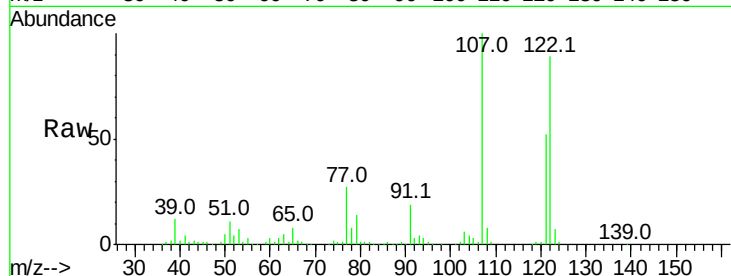
Tot Ion:122 Resp: 290424

Ion Ratio Lower Upper

122 100

107 112.7 91.2 136.8

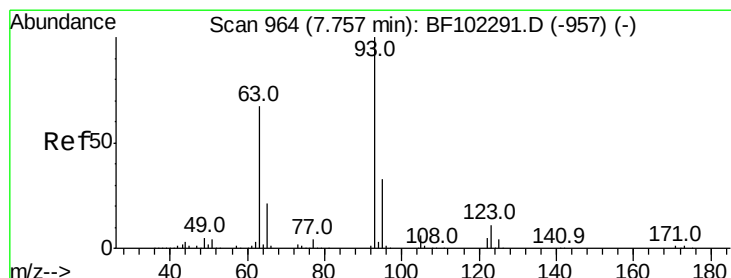
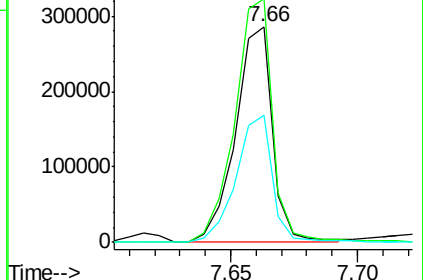
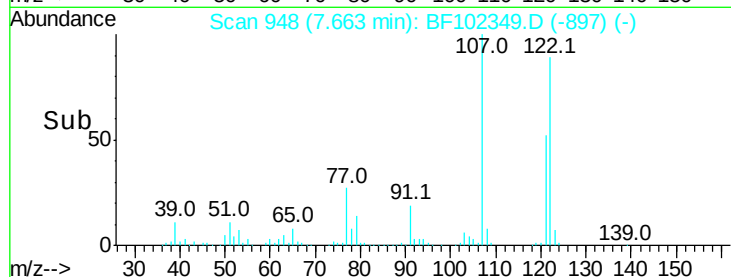
121 59.0 47.2 70.8



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: 38.549 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

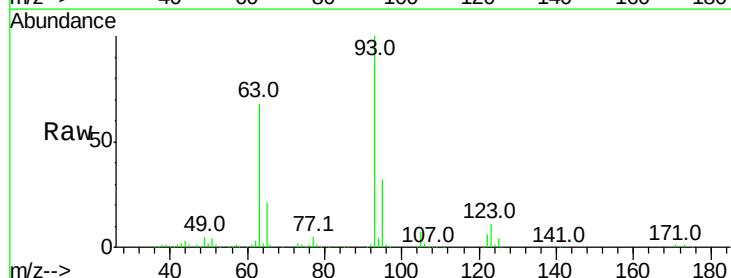
Tgt Ion: 93 Resp: 384804

Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

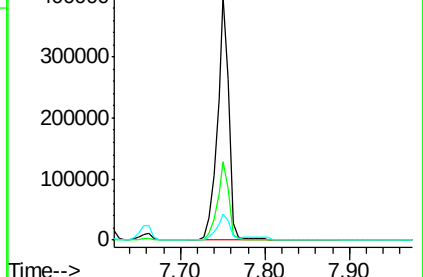
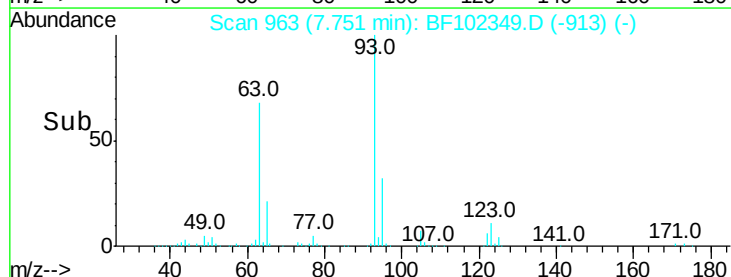
123 10.7 9.8 14.6

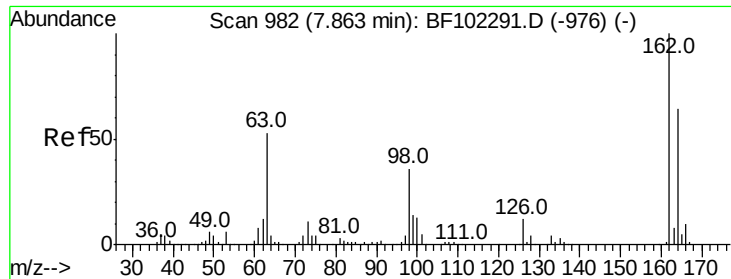


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

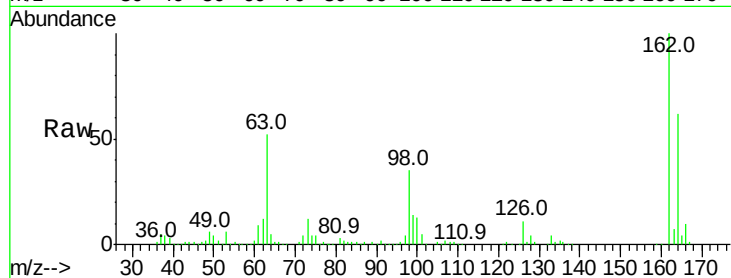




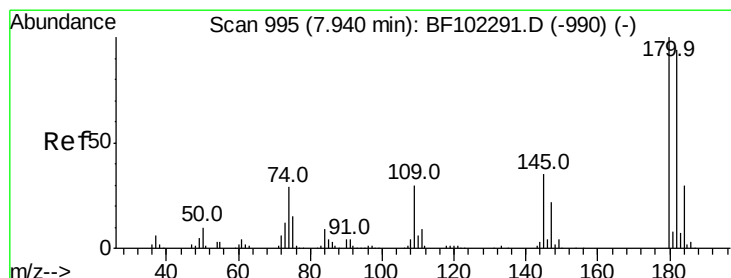
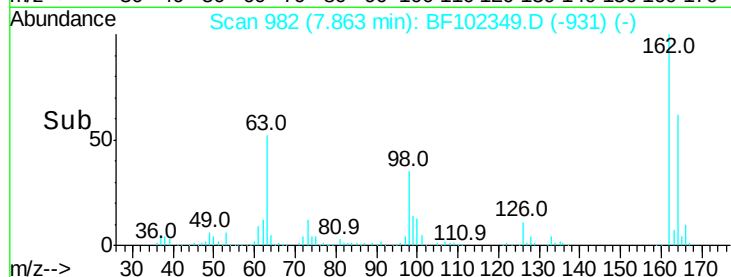
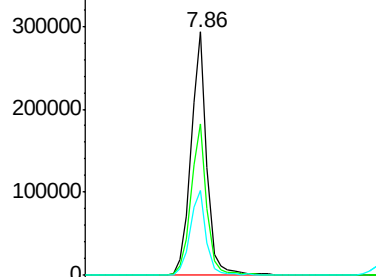
#29
 2,4-Dichlorophenol
 Concen: 38.507 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	42.7	82.7
98	34.7	18.1	58.1

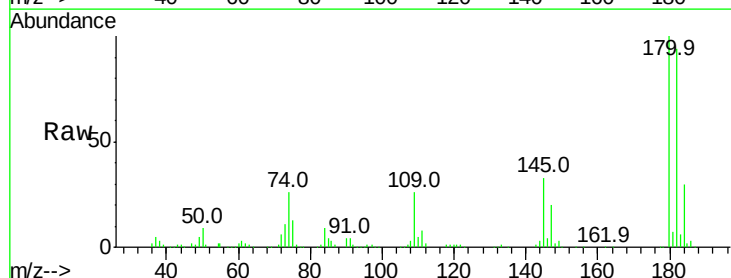


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

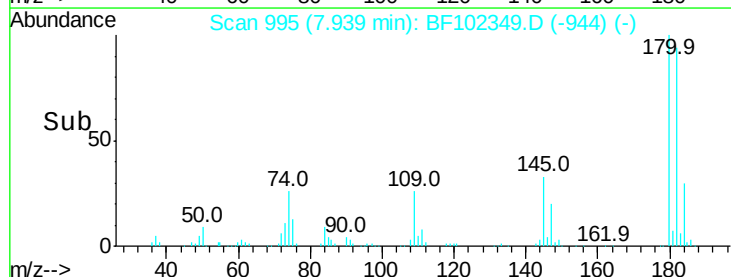
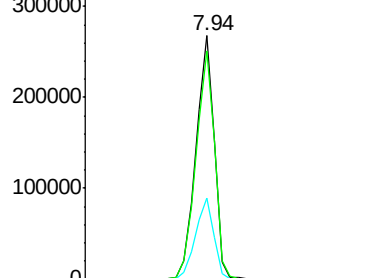


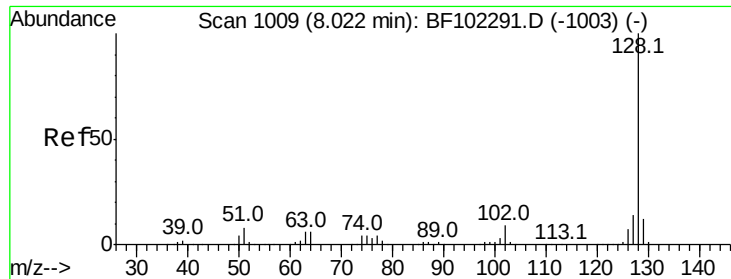
#30
 1,2,4-Trichlorobenzene
 Concen: 33.683 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.8	115.2
145	33.5	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

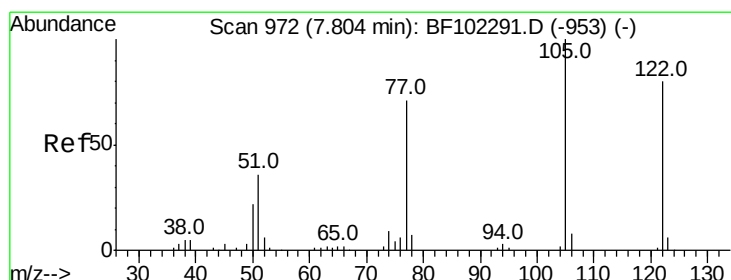
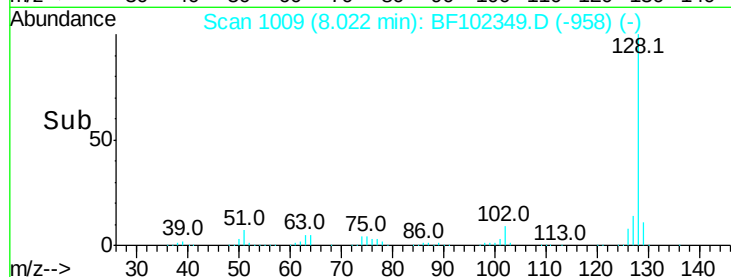
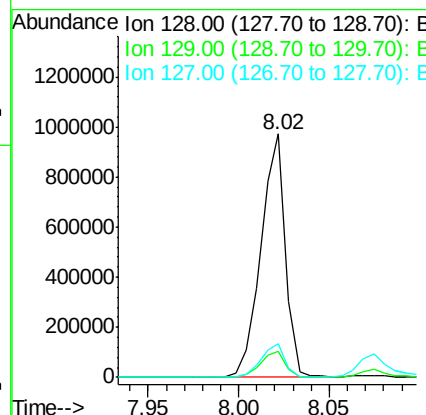
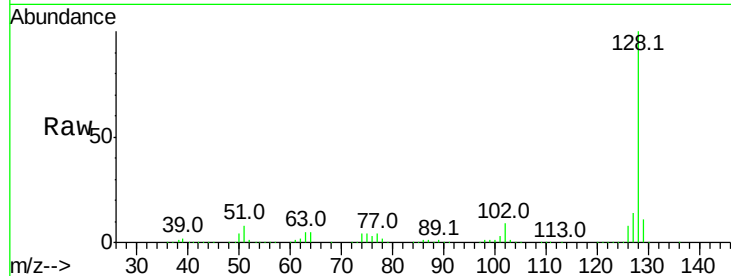




#31
Naphthalene
Concen: 35.058 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

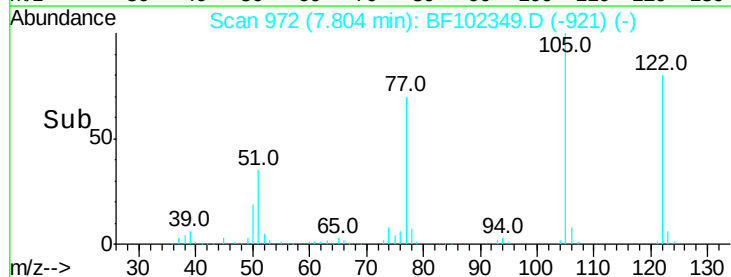
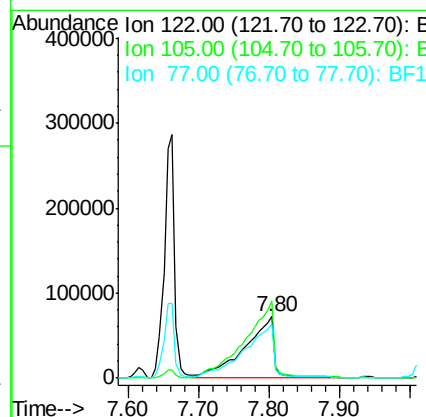
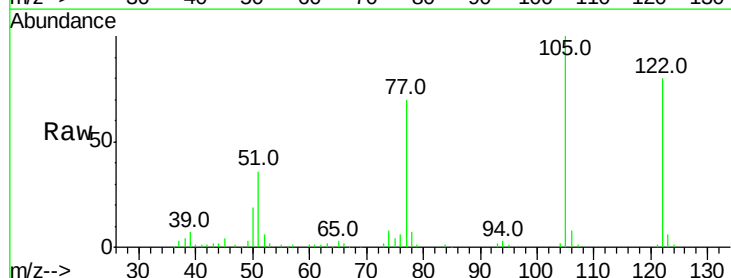
Instrument :
BNA_F
ClientSampleId :

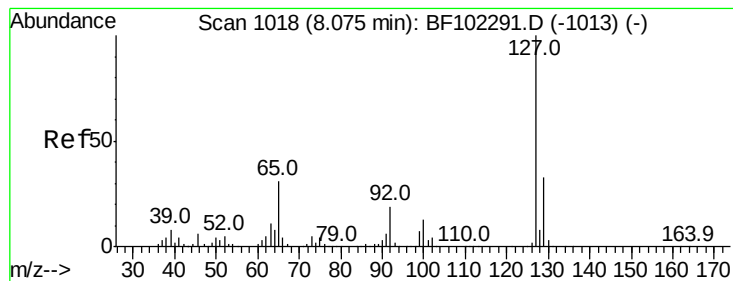
Tot Ion:128 Resp: 911760
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 35.464 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Tgt Ion:122 Resp: 210634
Ion Ratio Lower Upper
122 100
105 125.6 101.1 141.1
77 88.0 70.7 110.7





#33

4-Chloroaniline

Concen: 10.702 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 117039

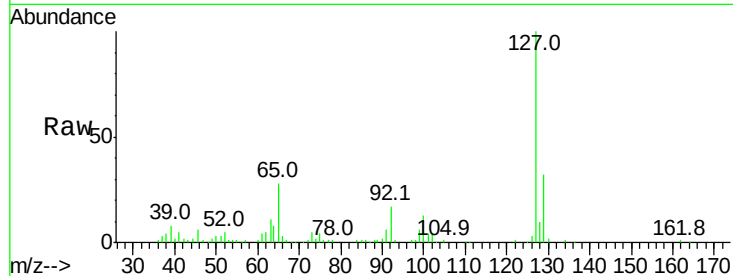
Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 27.7 25.0 37.4

92 17.3 15.2 22.8

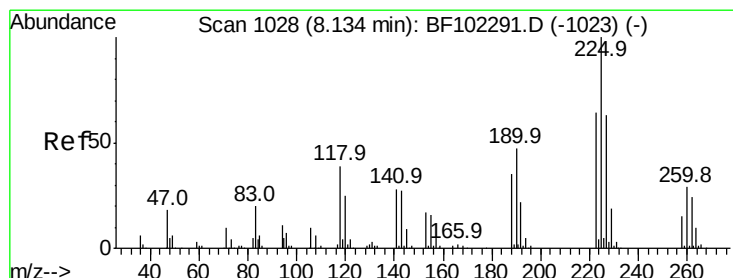
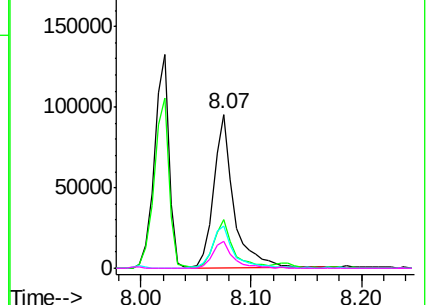
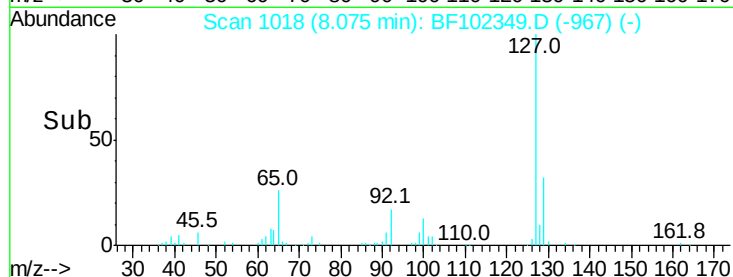


Abundance Ion 127.00 (126.70 to 127.70): E

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: 32.606 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

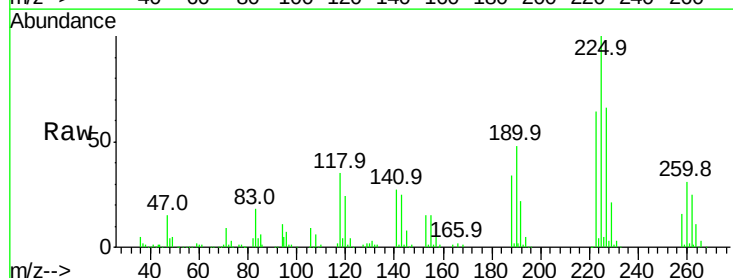
Tgt Ion:225 Resp: 134800

Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

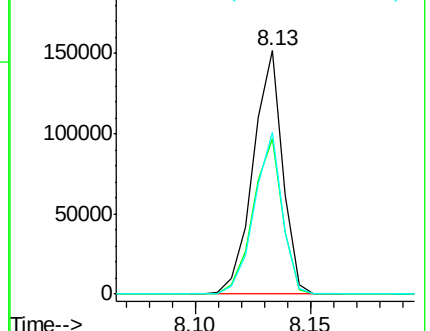
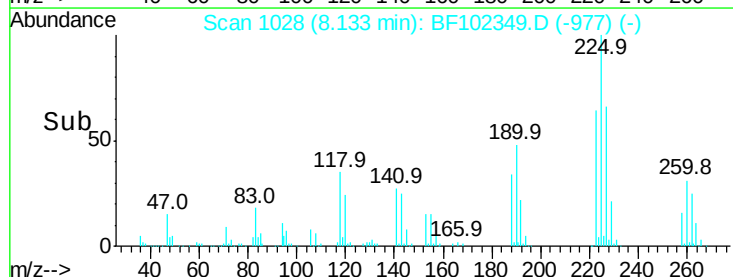
227 66.3 51.9 77.9

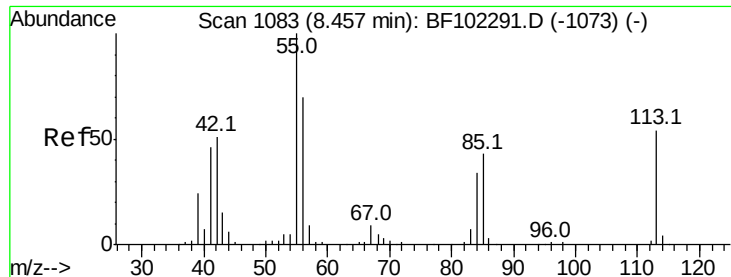


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.054 ng

RT: 8.45 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

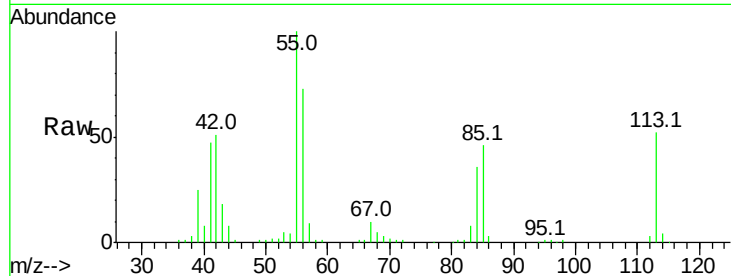
Tot Ion:113 Resp: 62135

Ion Ratio Lower Upper

113 100

55 192.3 163.3 203.3

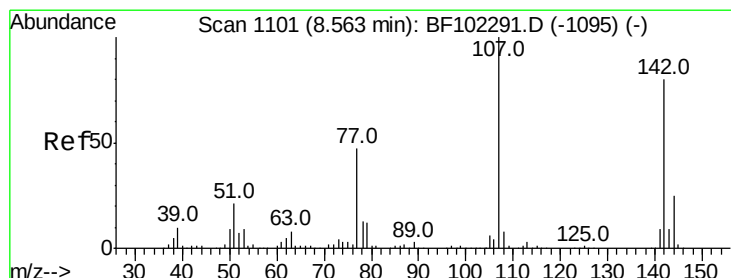
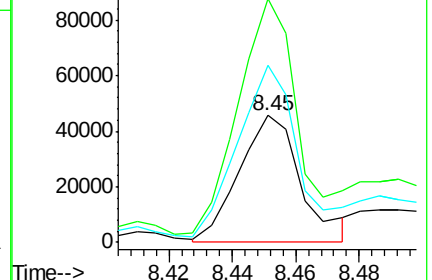
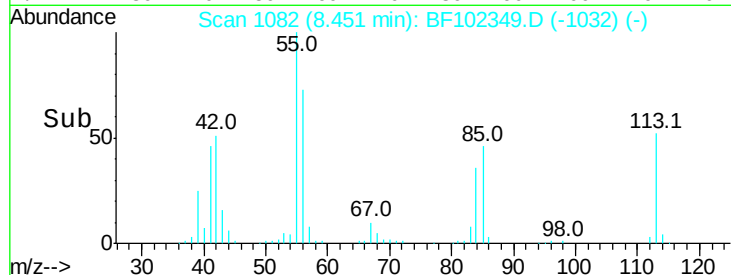
56 140.2 115.7 155.7



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: 39.640 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

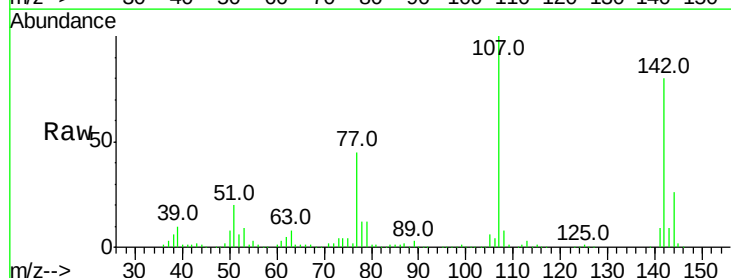
Tgt Ion:107 Resp: 301719

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

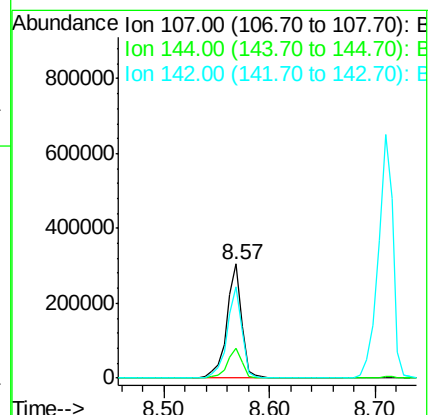
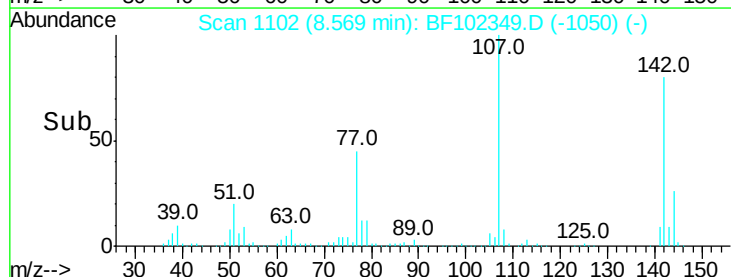
142 80.4 62.0 93.0

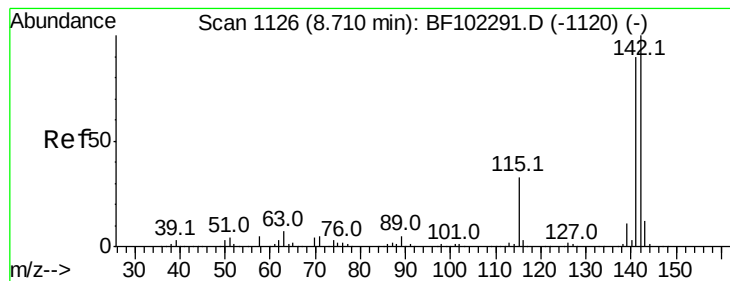


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.420 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampled :

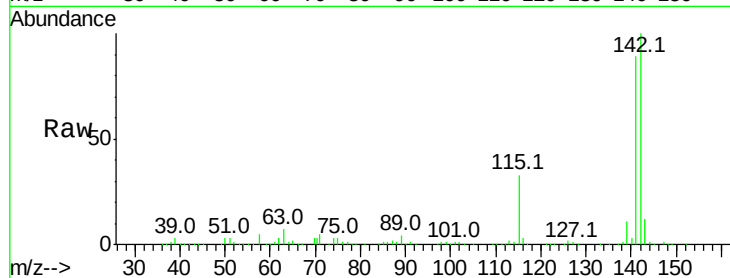
Tot Ion:142 Resp: 630793

Ion Ratio Lower Upper

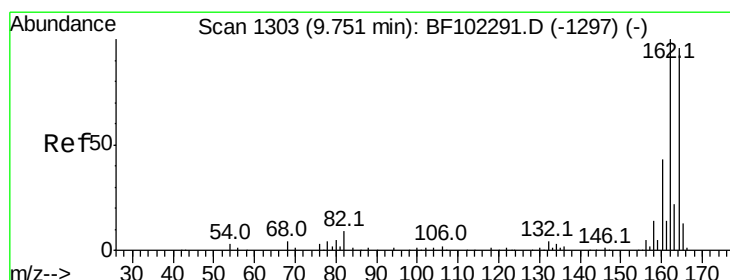
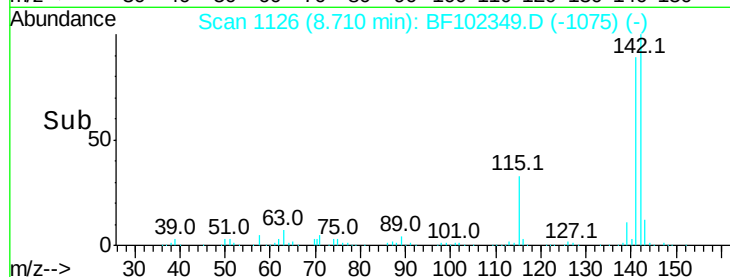
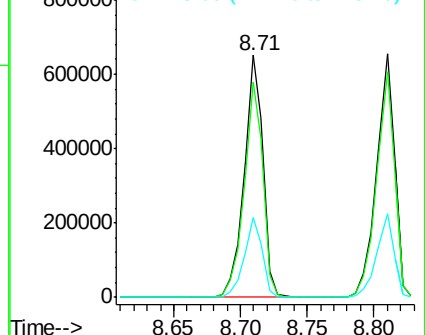
142 100

141 89.2 70.8 106.2

115 32.7 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

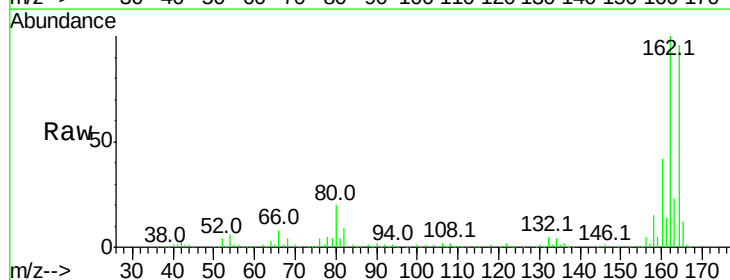
Tgt Ion:164 Resp: 237420

Ion Ratio Lower Upper

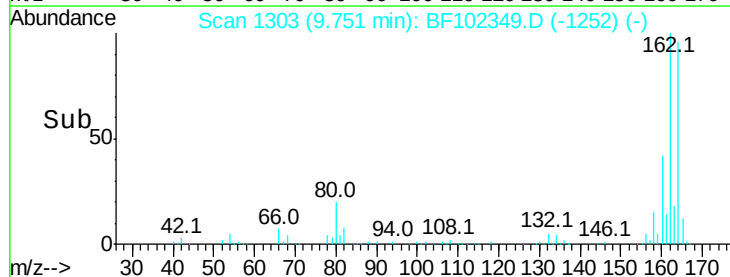
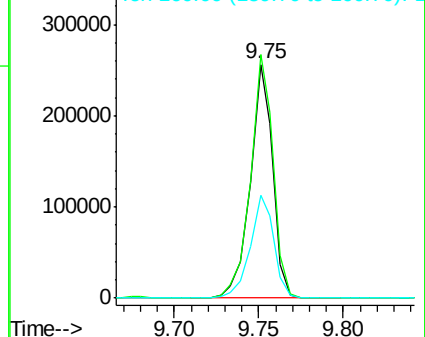
164 100

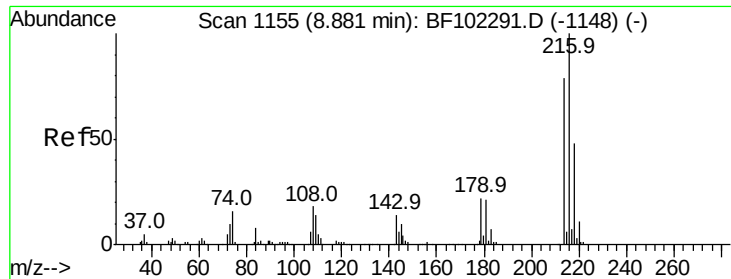
162 104.1 86.1 129.1

160 43.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.039 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 243142

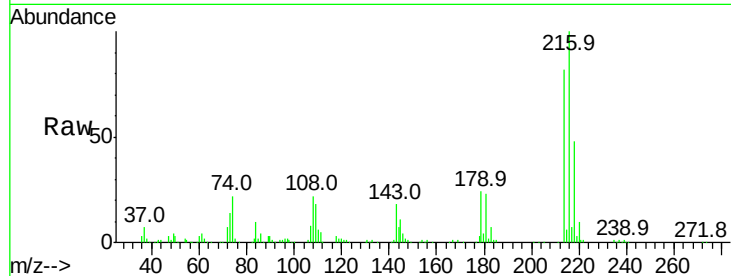
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 22.8 18.1 27.1

108 22.9 17.2 25.8

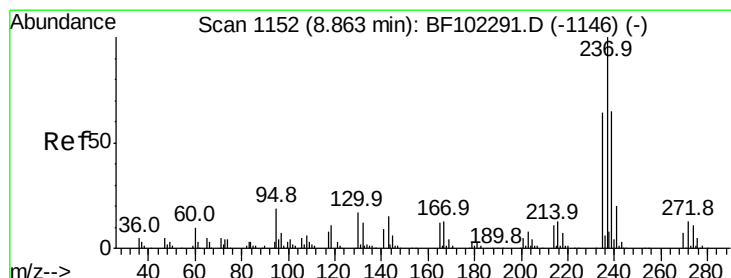
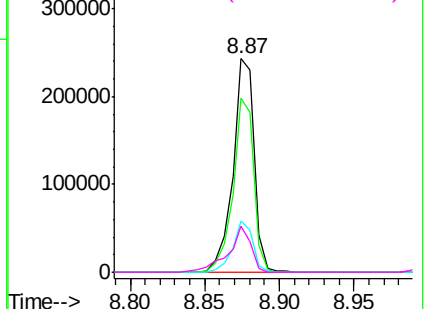
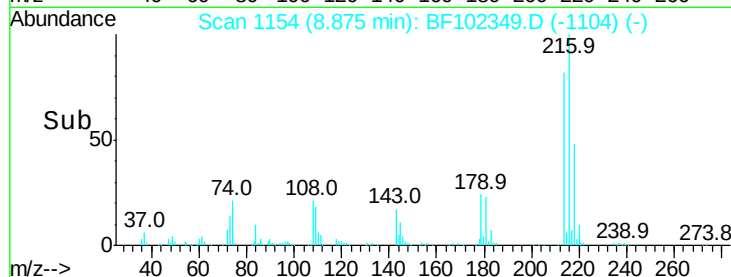


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.211 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

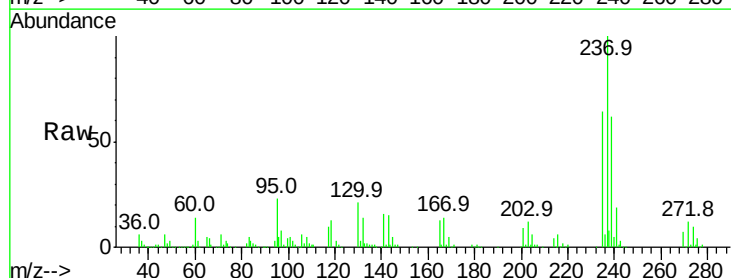
Tgt Ion:237 Resp: 243621

Ion Ratio Lower Upper

237 100

235 64.1 44.8 84.8

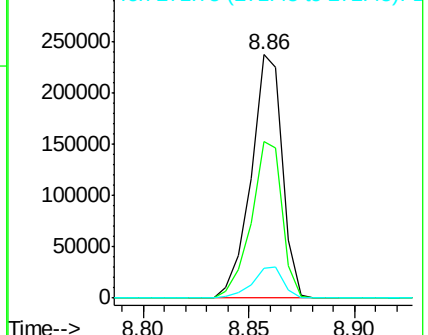
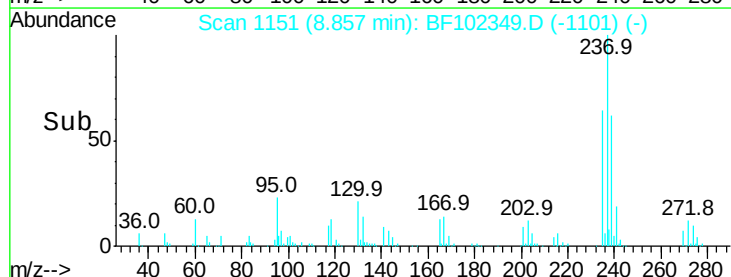
272 12.1 0.0 33.3

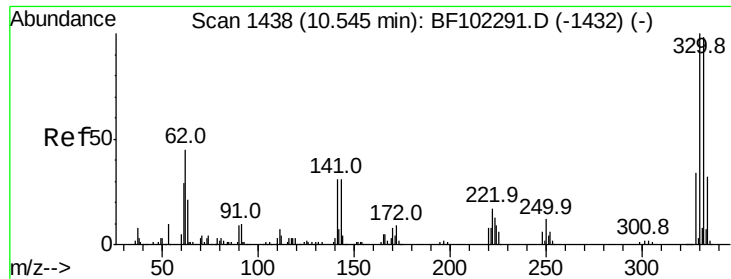


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

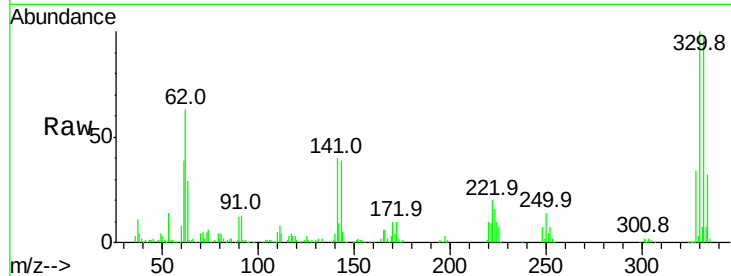




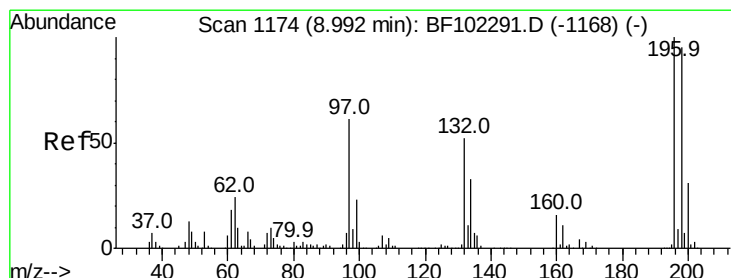
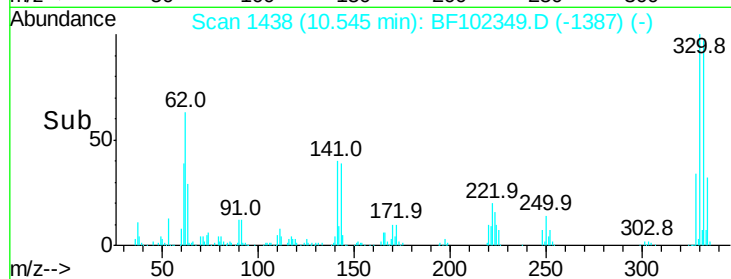
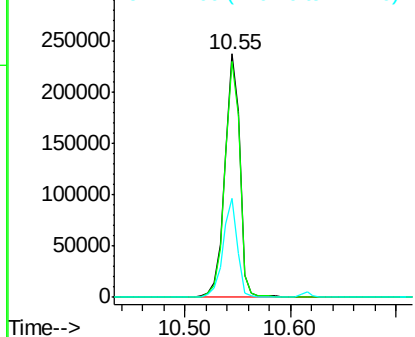
#41
 2,4,6-Tribromophenol
 Concen: 100.058 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 235386
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 39.1 29.9 44.9

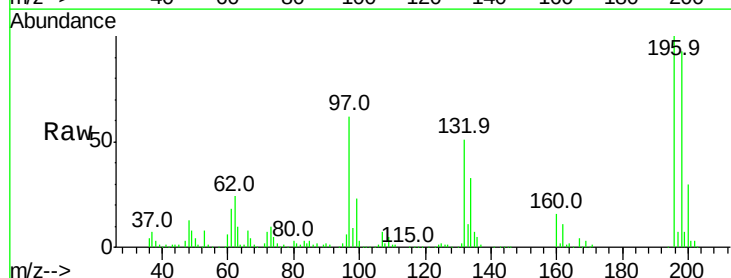


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

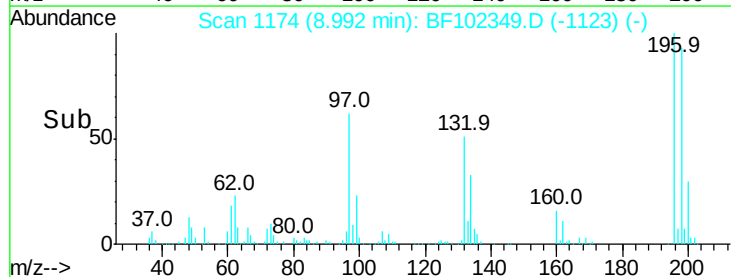
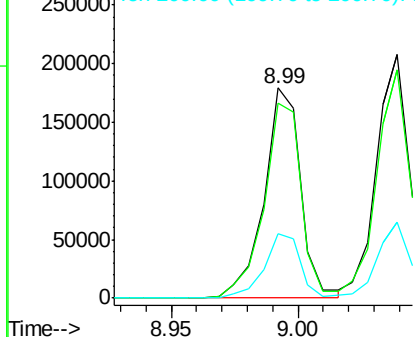


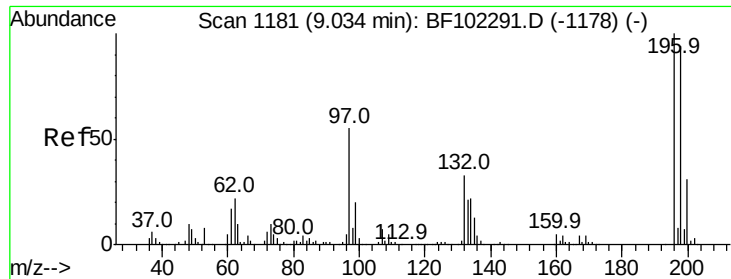
#42
 2,4,6-Trichlorophenol
 Concen: 38.016 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Tgt Ion:196 Resp: 181781
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.7 113.5
 200 30.5 24.5 36.7



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

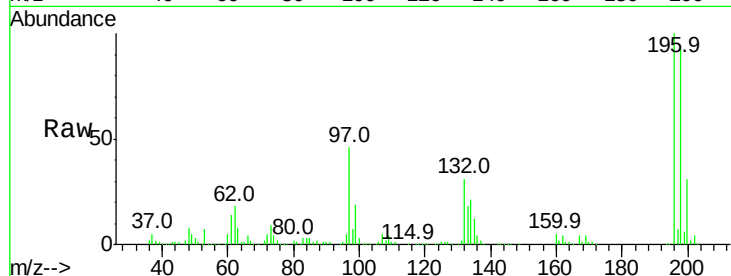




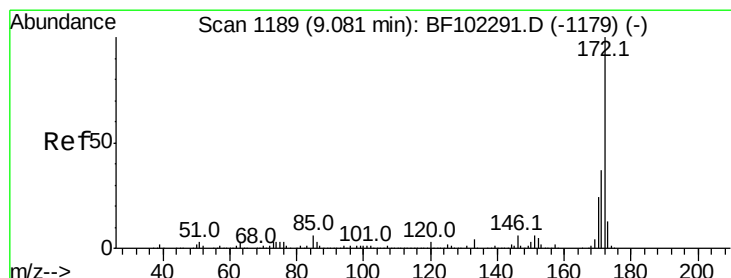
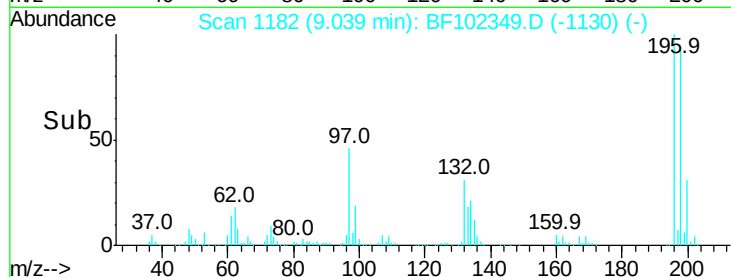
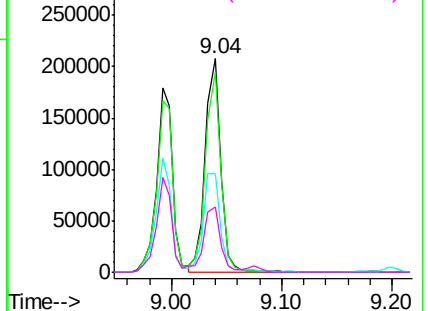
#43
 2,4,5-Trichlorophenol
 Concen: 36.399 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 195971
 Ion Ratio Lower Upper
 196 100
 198 93.5 74.6 112.0
 97 46.3 42.9 64.3
 132 30.6 26.3 39.5

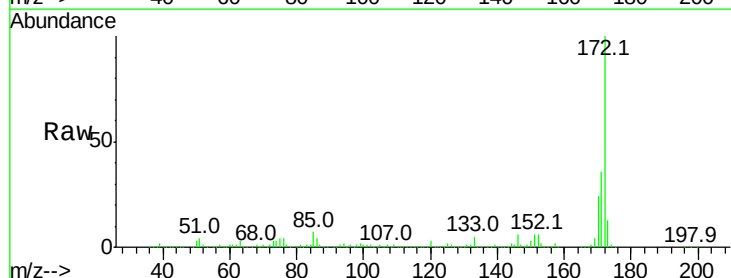


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

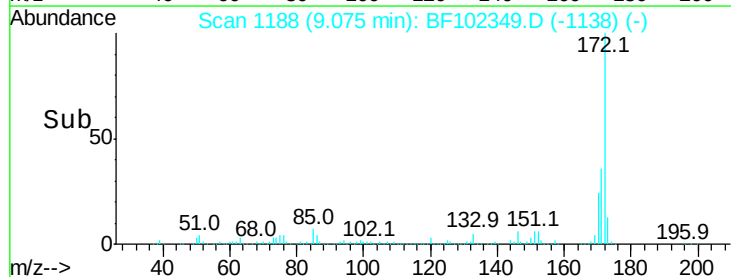
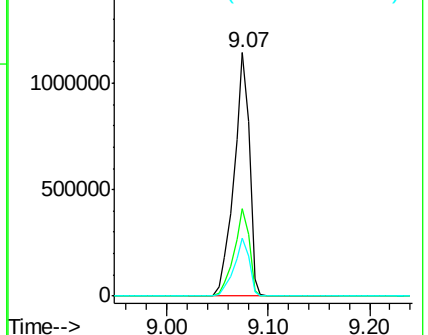


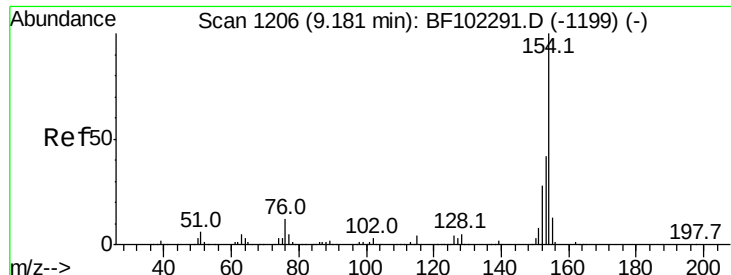
#44
 2-Fluorobiphenyl
 Concen: 74.707 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Tgt Ion:172 Resp: 1206300
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.0 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



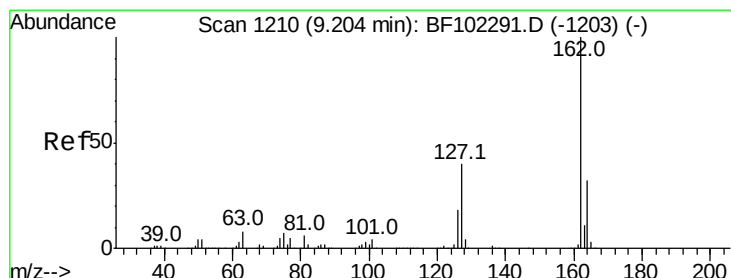
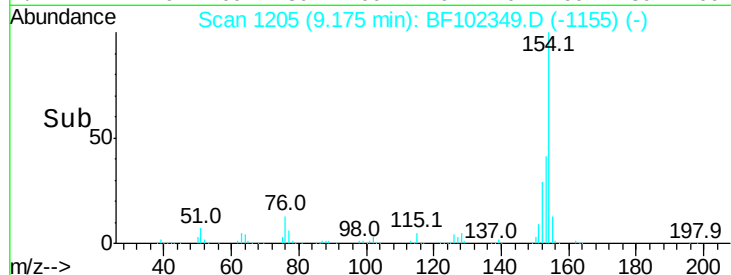
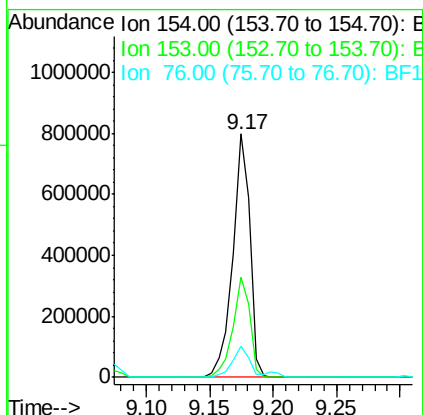
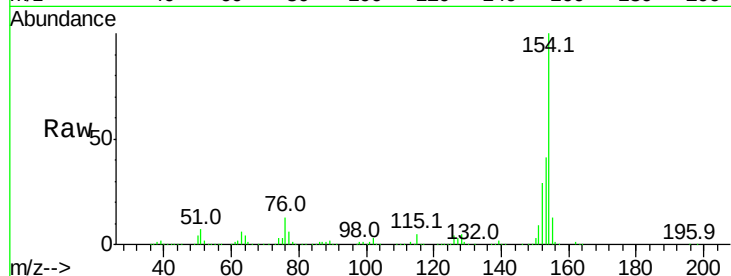


#45
 1,1'-Biphenyl
 Concen: 34.890 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 740677

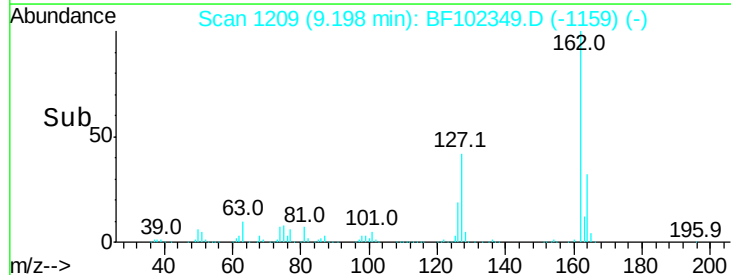
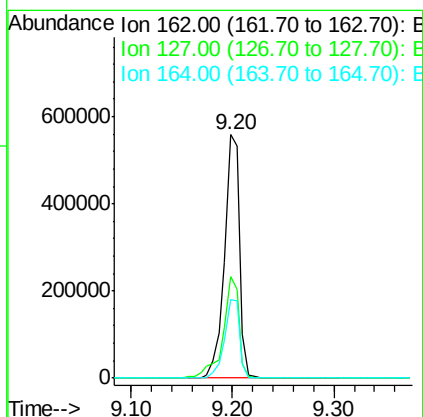
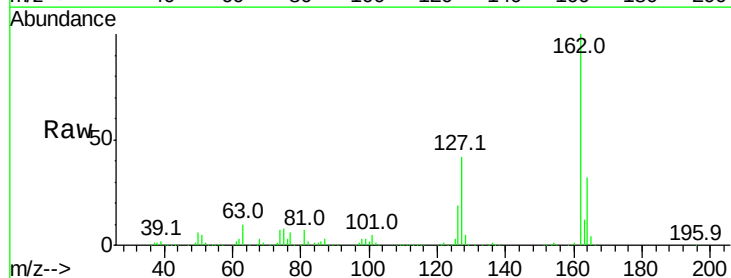
Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.0	0.0	34.0

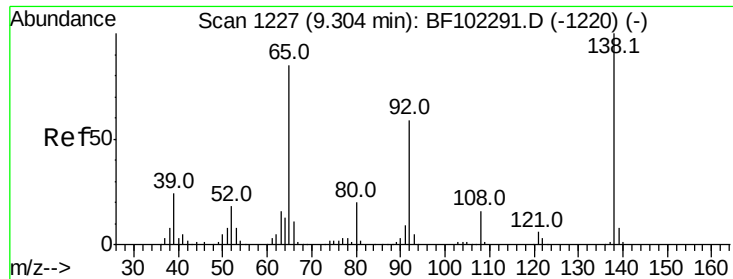


#46
 2-Chloronaphthalene
 Concen: 34.849 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Tgt Ion:162 Resp: 575059

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.9	50.9
164	32.3	26.5	39.7

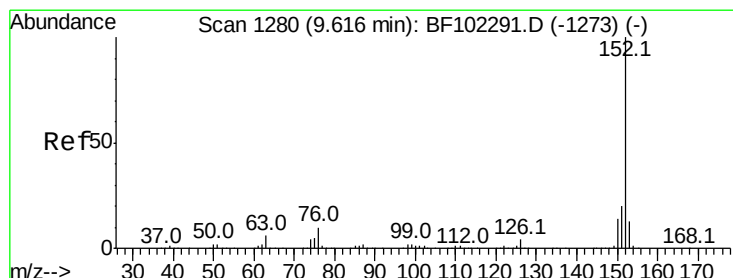
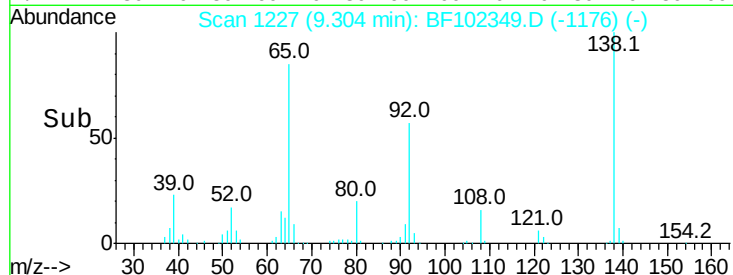
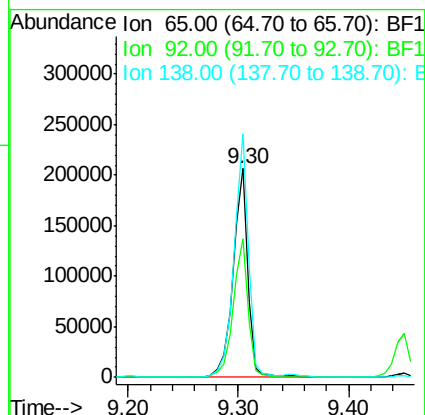
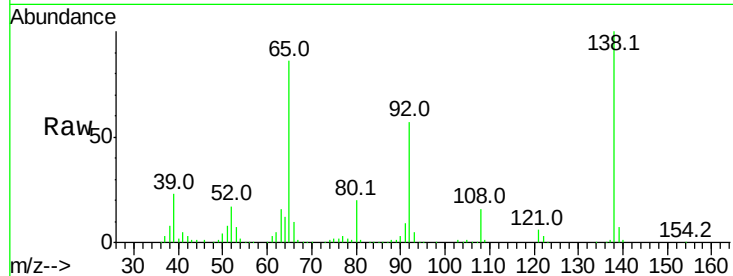




#47
2-Nitroaniline
Concen: 38.027 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

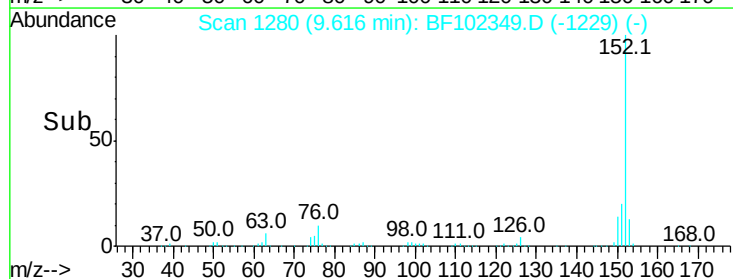
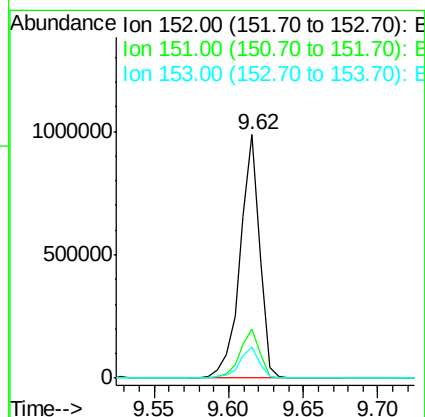
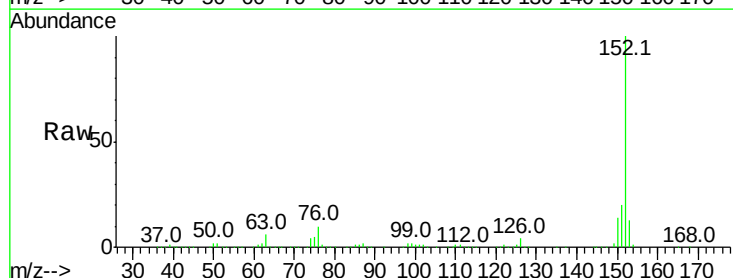
Instrument :
BNA_F
ClientSampleId :

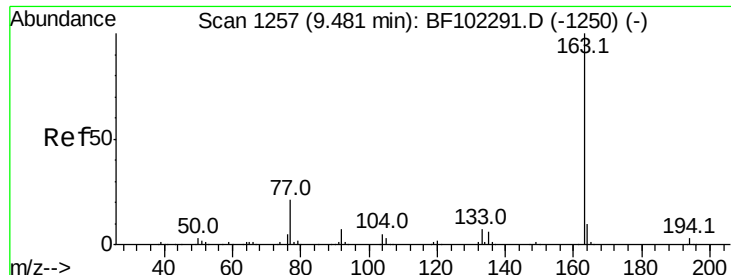
Tot Ion: 65 Resp: 195630
Ion Ratio Lower Upper
65 100
92 66.3 55.8 83.6
138 116.7 91.2 136.8



#48
Acenaphthylene
Concen: 34.954 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Tgt Ion:152 Resp: 898587
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.0 10.7 16.1

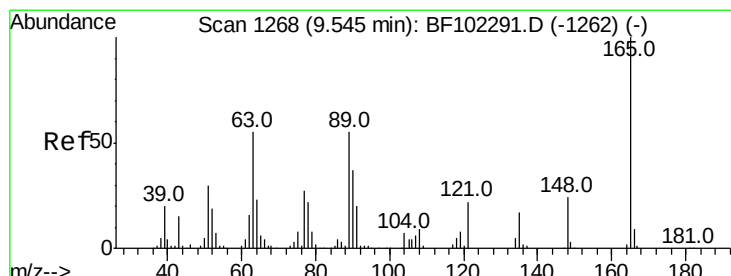
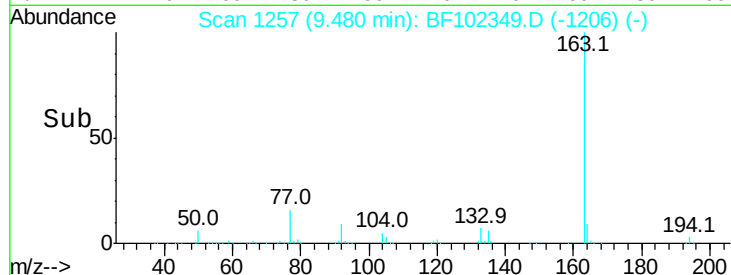
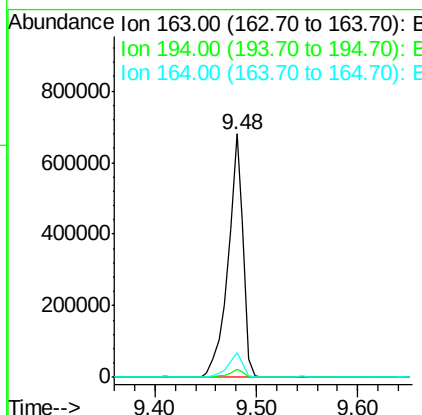
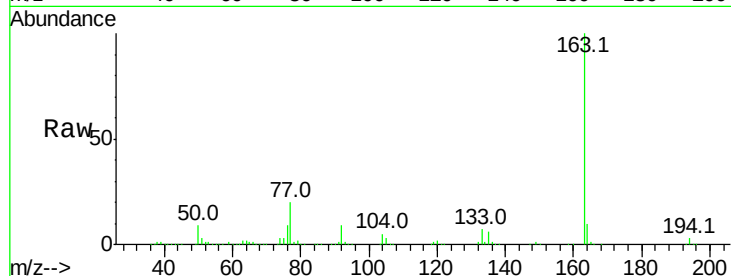




#49
Dimethylphthalate
Concen: 35.378 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

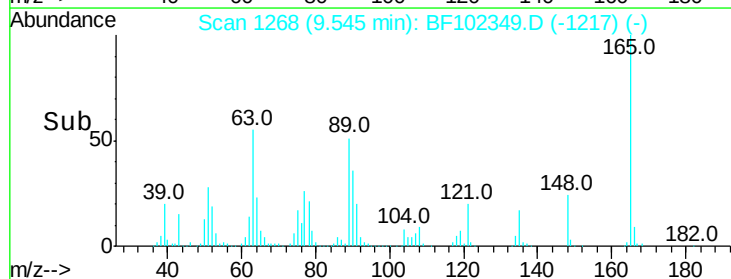
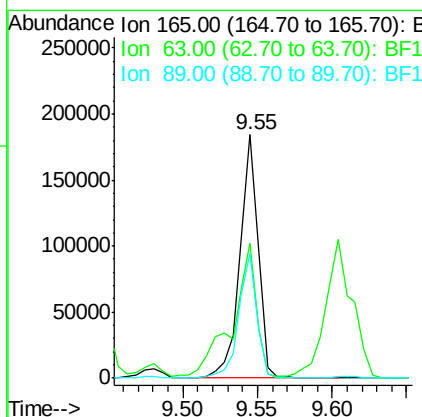
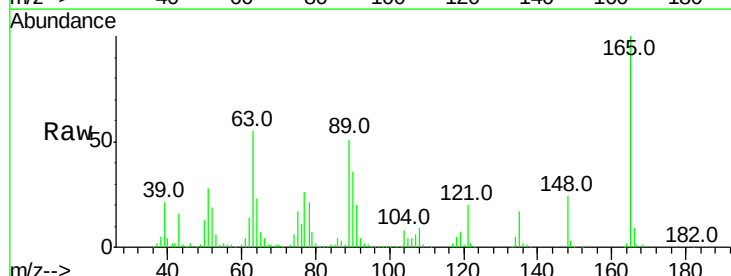
Instrument :
BNA_F
ClientSampled :

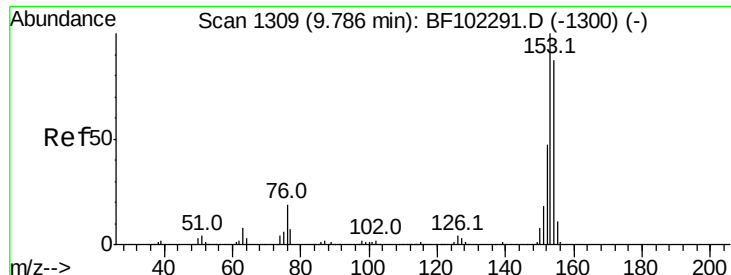
Tot Ion:163 Resp: 694259
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 37.115 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Tgt Ion:165 Resp: 157033
Ion Ratio Lower Upper
165 100
63 55.4 44.7 67.1
89 51.2 44.0 66.0





#51

Acenaphthene

Concen: 34.436 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

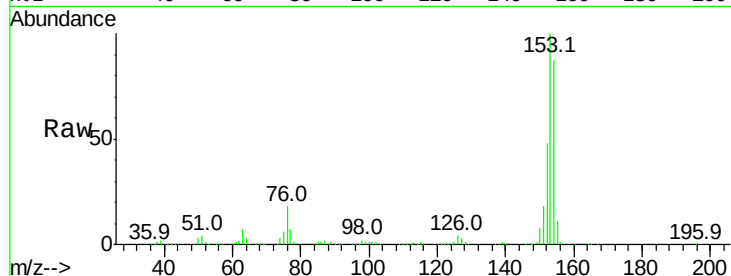
Tot Ion:154 Resp: 517025

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

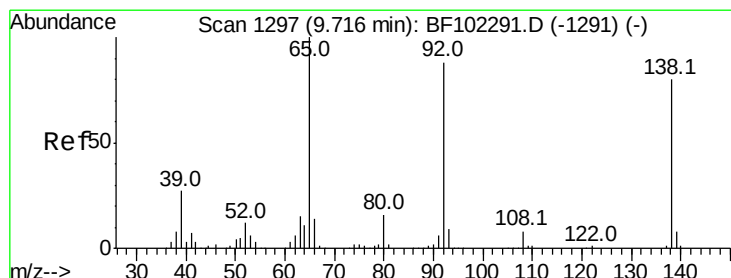
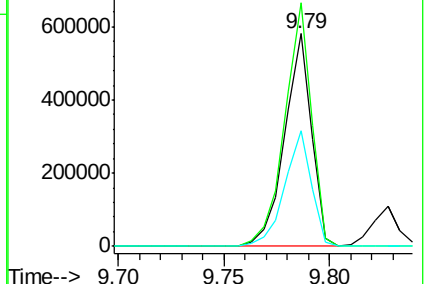
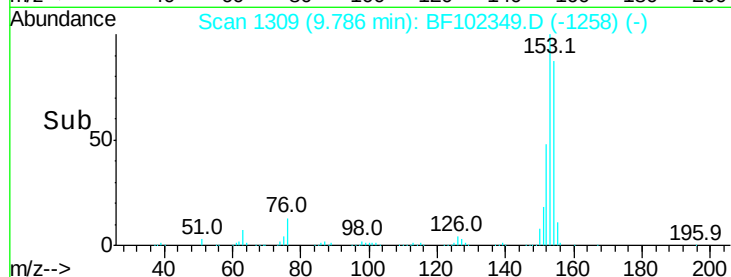
152 54.6 43.8 65.8



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: 19.389 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

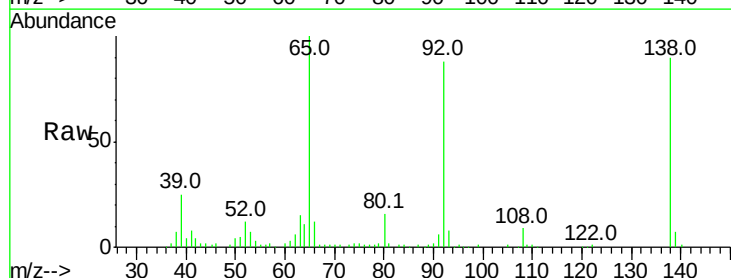
Tgt Ion:138 Resp: 97045

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

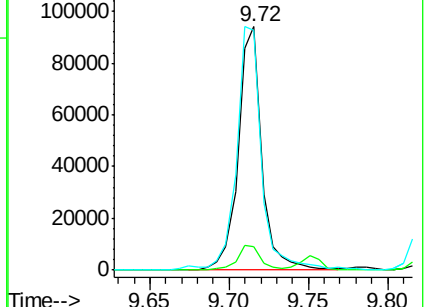
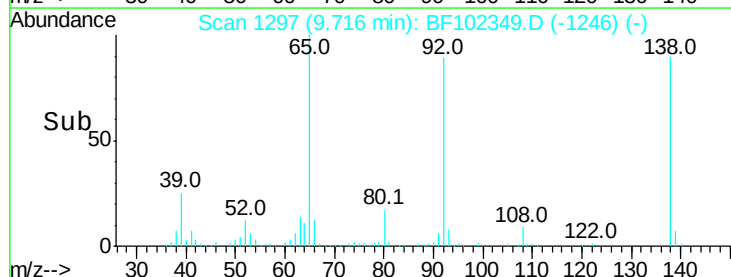
92 98.5 89.4 134.2

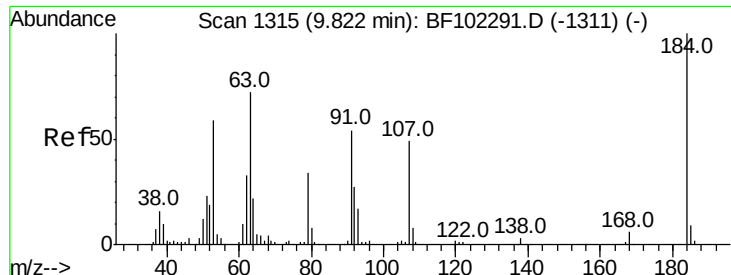


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

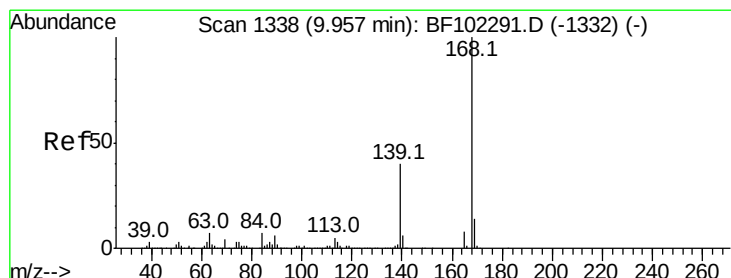
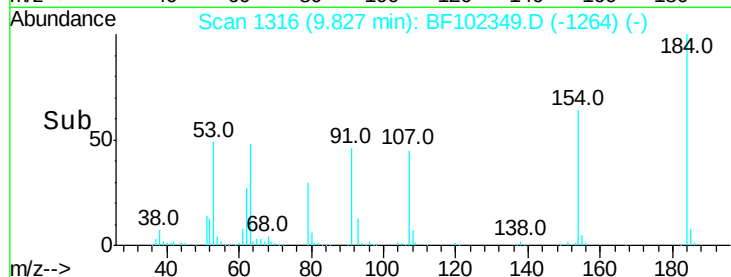
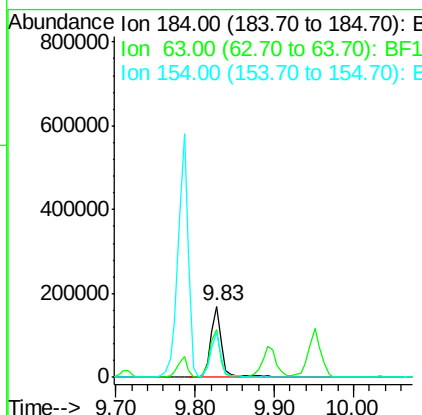
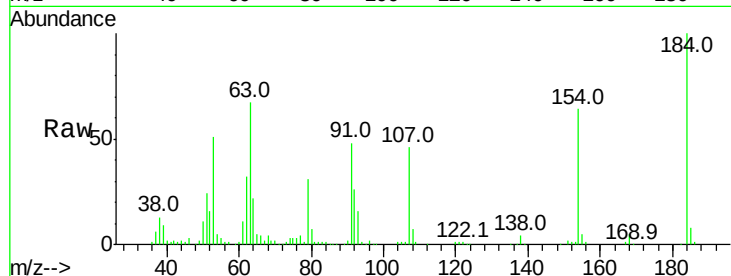




#53
 2,4-Dinitrophenol
 Concen: 85.001 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

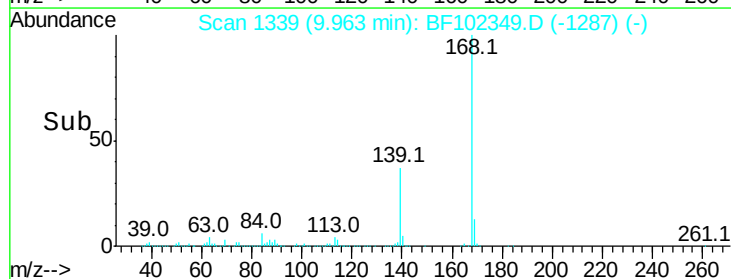
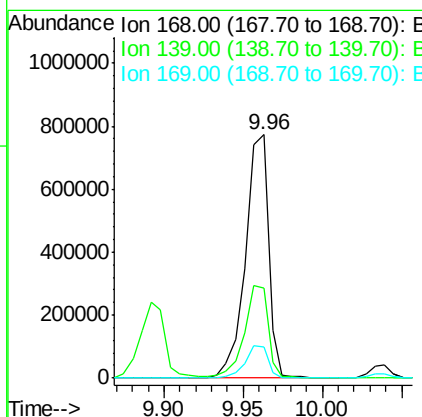
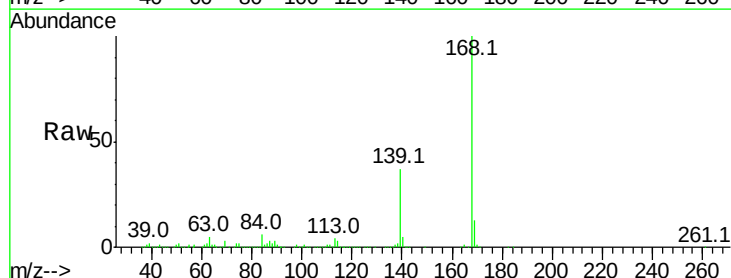
Instrument :
 BNA_F
 ClientSampleId :

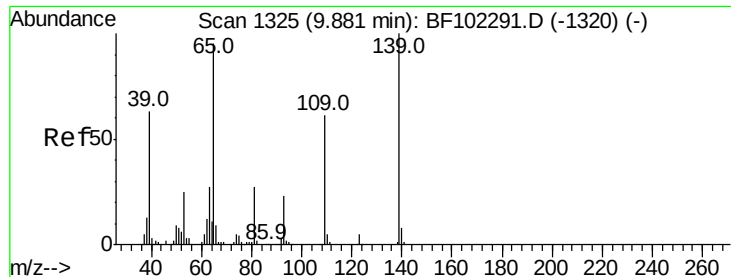
Tot Ion:184 Resp: 161822
 Ion Ratio Lower Upper
 184 100
 63 66.6 54.2 81.2
 154 64.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.550 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Tgt Ion:168 Resp: 783331
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.1 45.1
 169 12.8 10.9 16.3

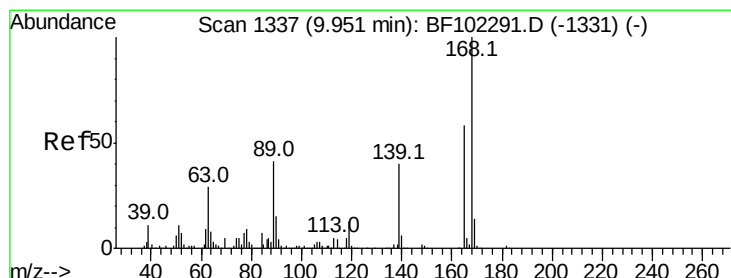
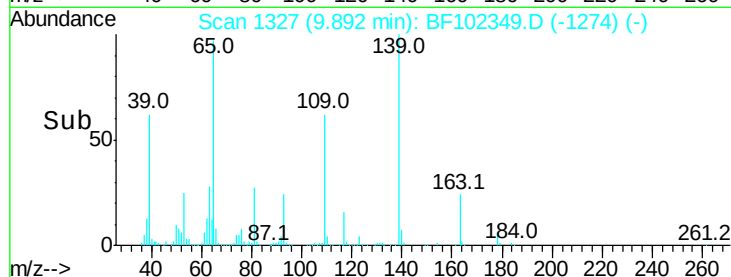
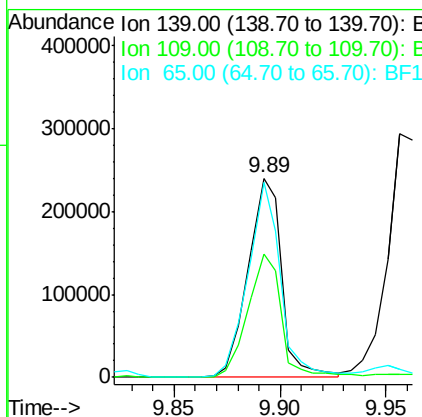
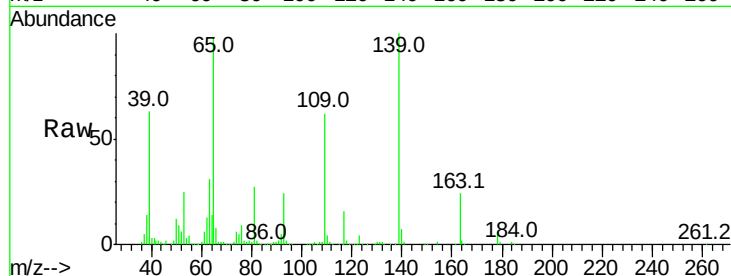




#55
4-Nitrophenol
Concen: 80.633 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

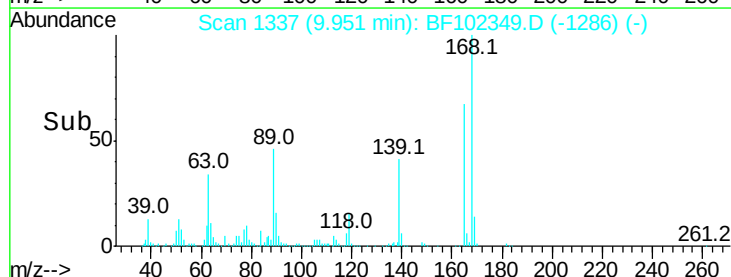
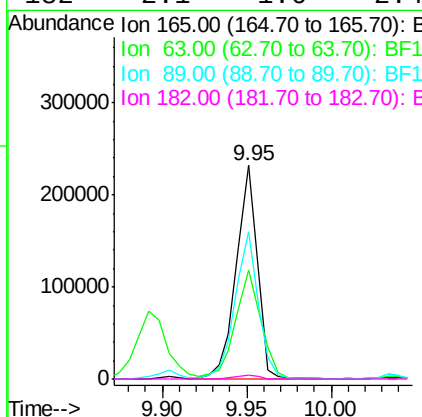
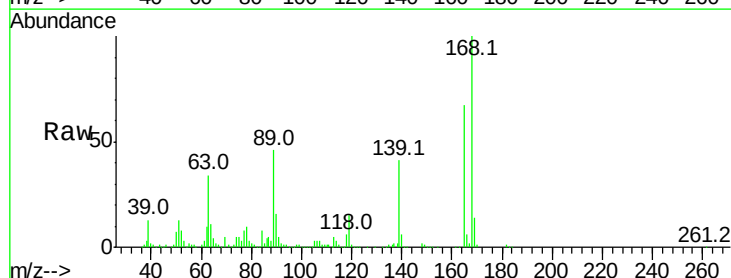
Instrument :
BNA_F
ClientSampleId :

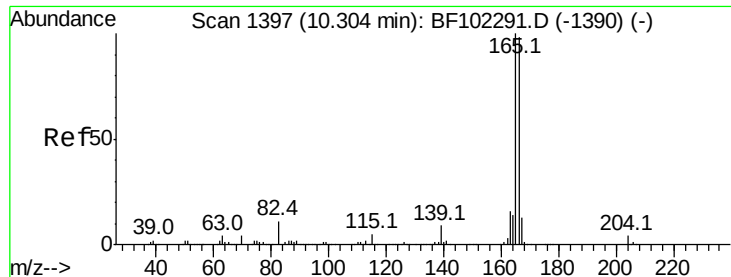
Tot Ion:139 Resp: 266407
Ion Ratio Lower Upper
139 100
109 62.1 48.4 88.4
65 97.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.906 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Tgt Ion:165 Resp: 202430
Ion Ratio Lower Upper
165 100
63 50.7 36.4 54.6
89 68.7 57.8 86.6
182 2.1 1.6 2.4





#57

Fluorene

Concen: 37.808 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

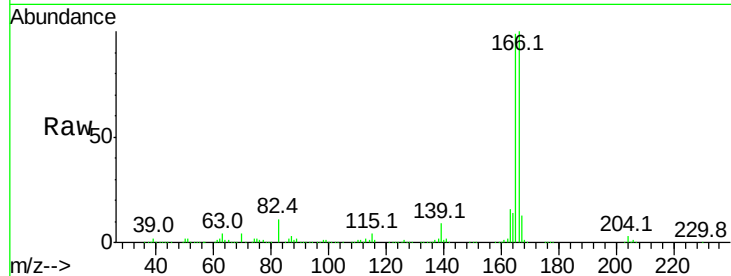
Tot Ion:166 Resp: 608761

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

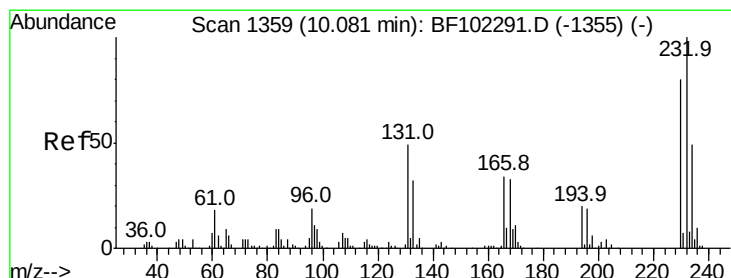
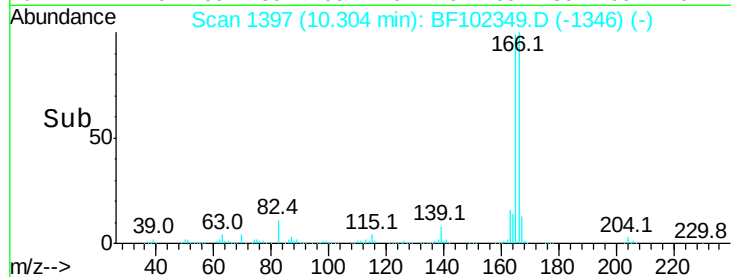
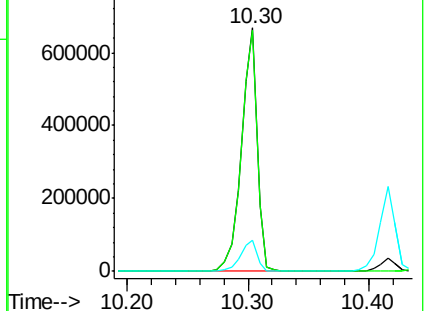
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.549 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Tgt Ion:232 Resp: 155873

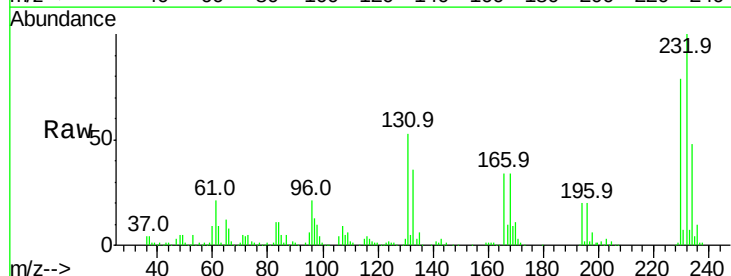
Ion Ratio Lower Upper

232 100

131 52.5 43.8 65.8

130 2.5 2.1 3.1

166 33.2 27.8 41.6

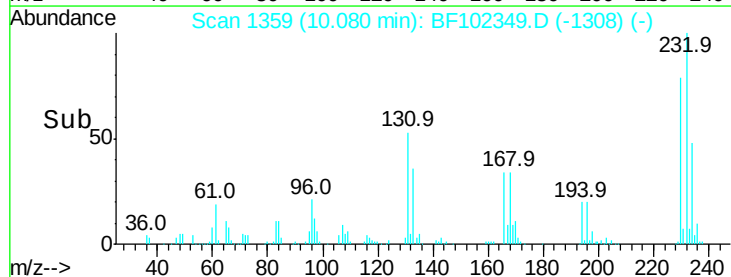
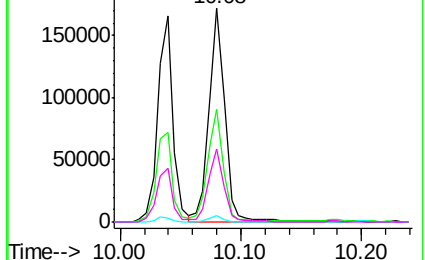


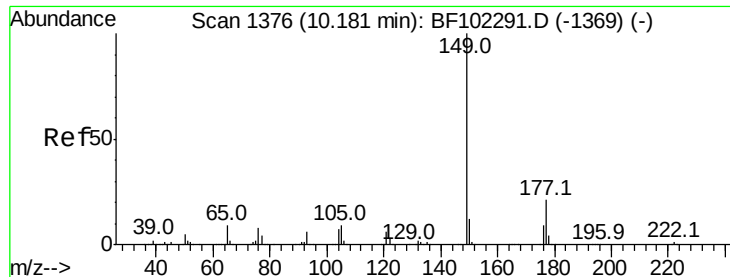
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

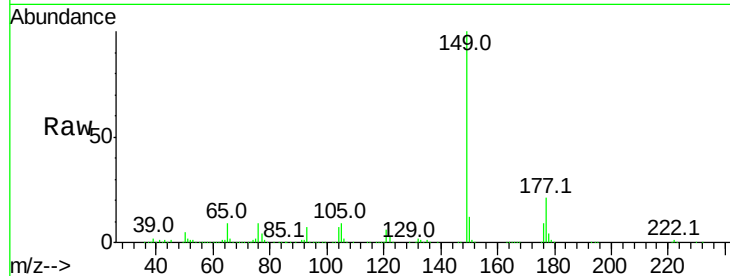




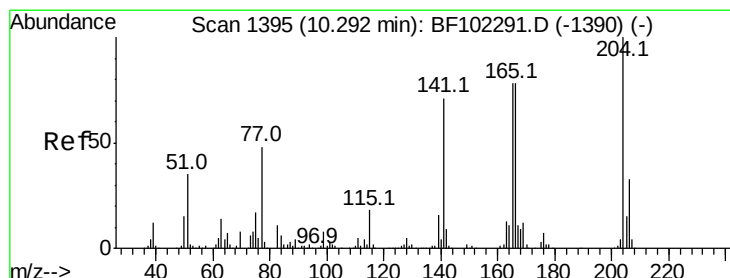
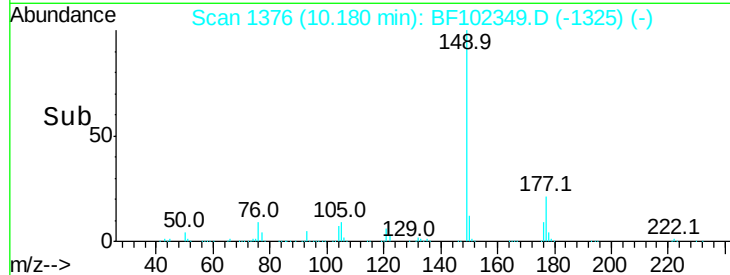
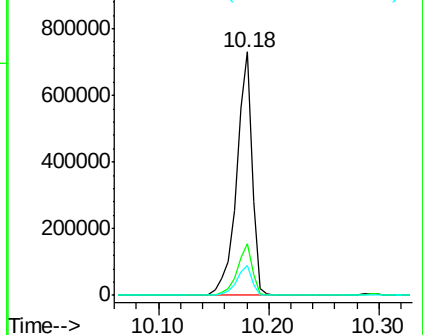
#59
Diethylphthalate
Concen: 37.563 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 716333
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.1 10.1 15.1

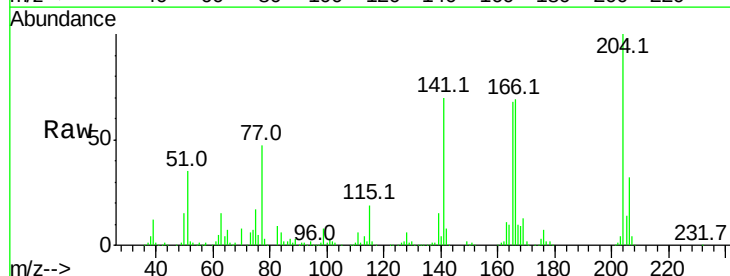


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

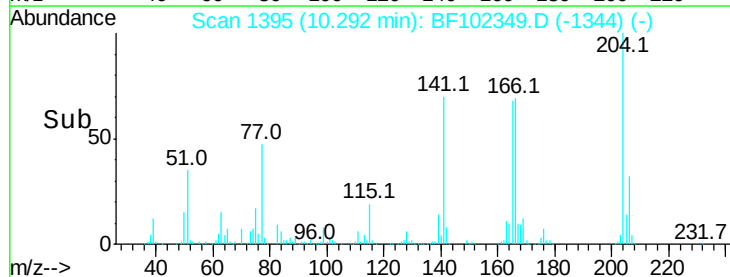
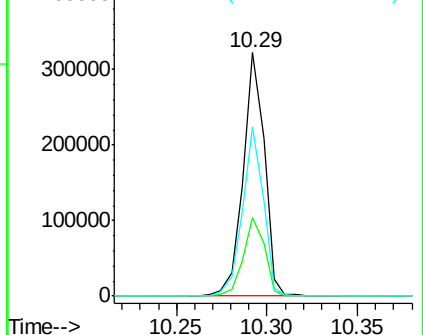


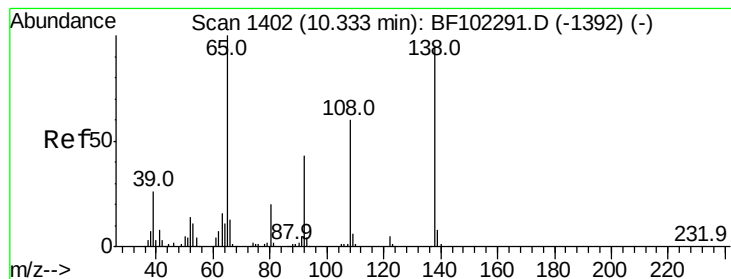
#60
4-Chlorophenyl-phenylether
Concen: 37.754 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Tgt Ion:204 Resp: 263554
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 69.8 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: 35.691 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

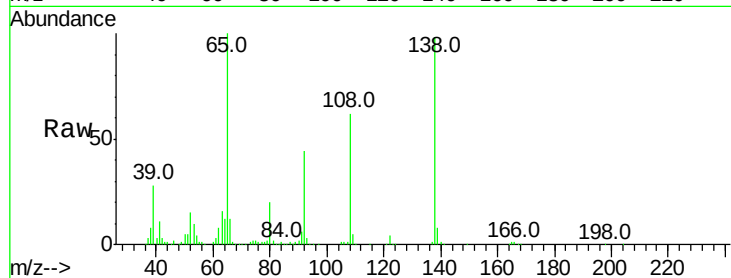
Tot Ion:138 Resp: 178257

Ion Ratio Lower Upper

138 100

92 45.5 30.2 70.2

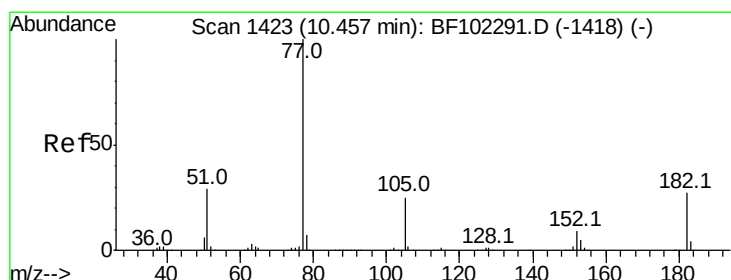
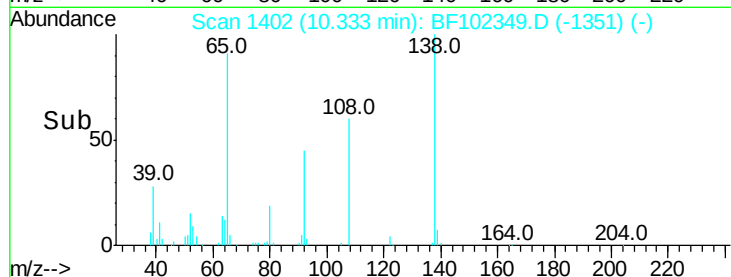
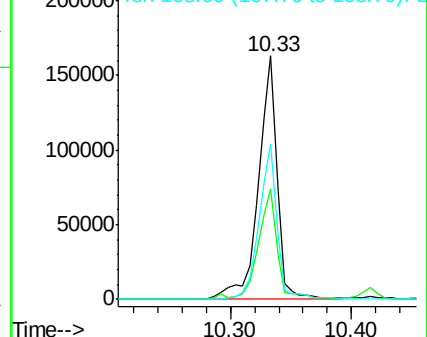
108 63.5 52.5 92.5



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: 36.773 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Tgt Ion: 77 Resp: 642037

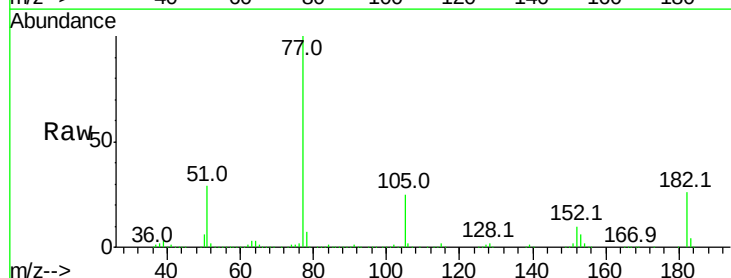
Ion Ratio Lower Upper

77 100

182 26.3 1.7 41.7

105 24.8 3.0 43.0

51 28.8 9.9 49.9

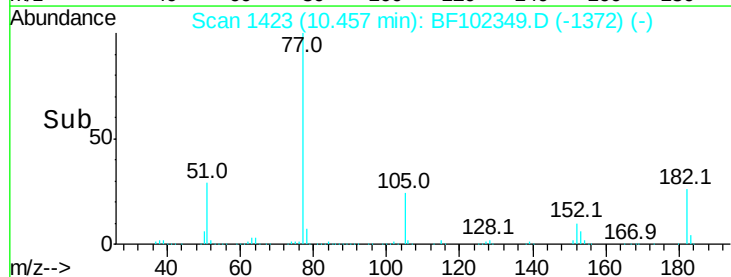
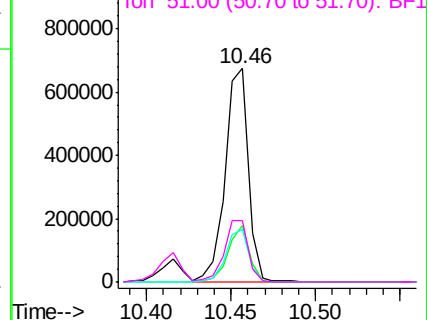


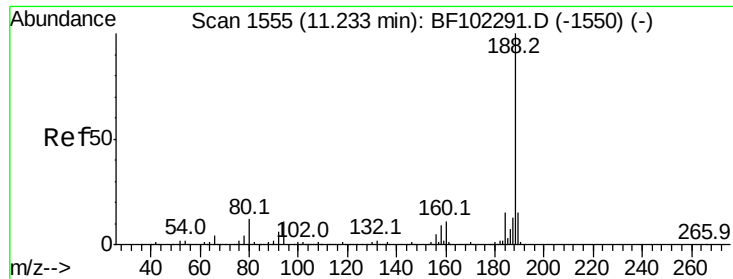
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

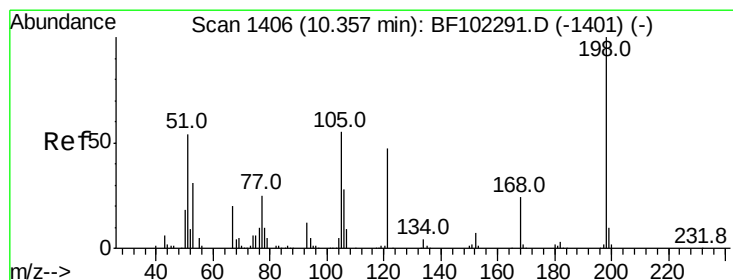
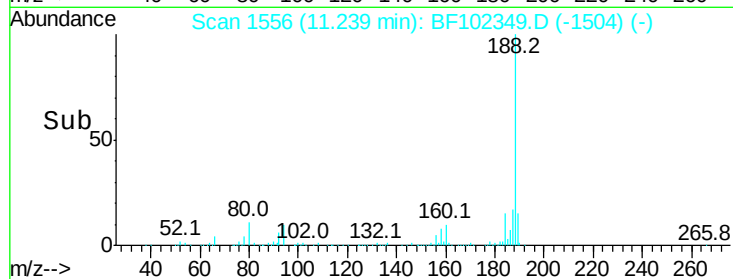
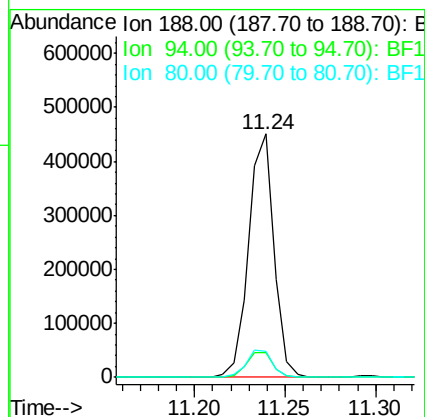
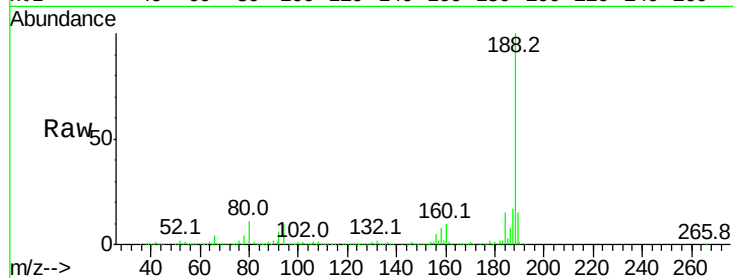




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

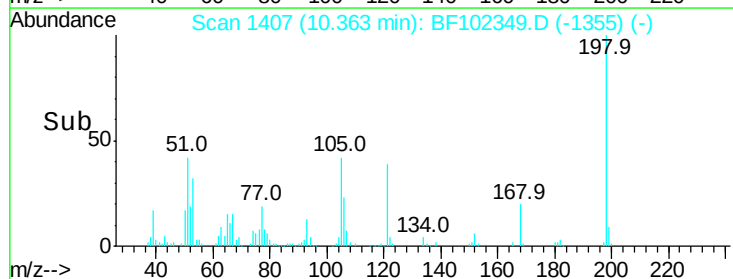
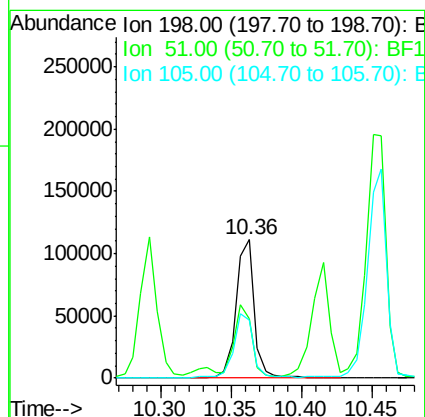
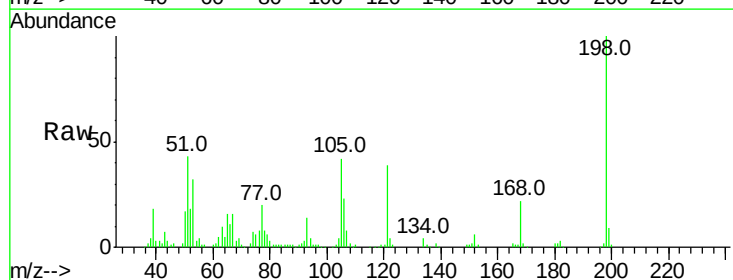
Instrument :
BNA_F
ClientSampleId :

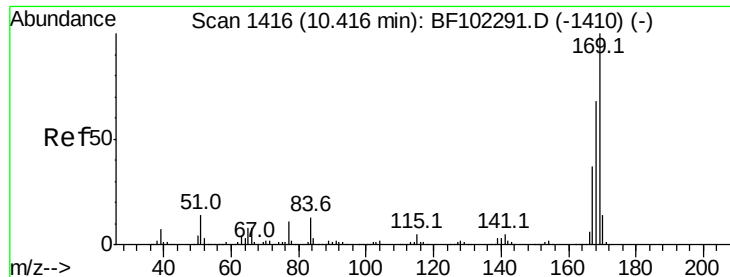
Tot Ion:188 Resp: 435978
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 34.352 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Tgt Ion:198 Resp: 99918
Ion Ratio Lower Upper
198 100
51 42.7 37.7 77.7
105 42.4 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 35.234 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

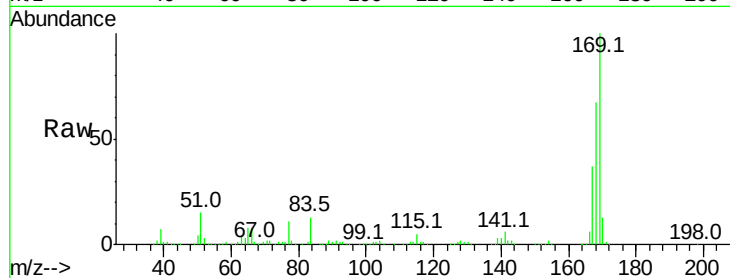
Tot Ion:169 Resp: 563821

Ion Ratio Lower Upper

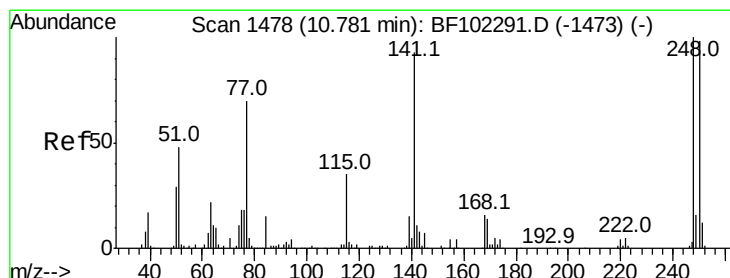
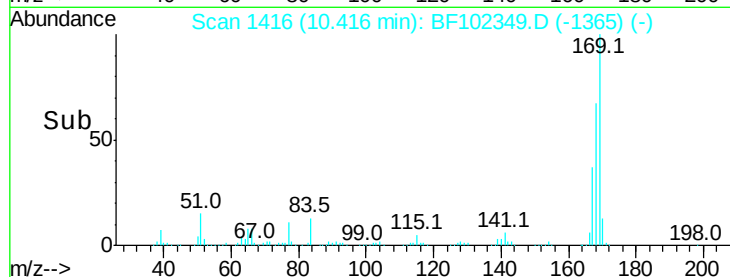
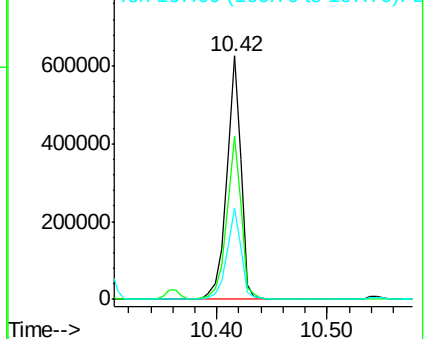
169 100

168 66.9 54.4 81.6

167 37.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.374 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

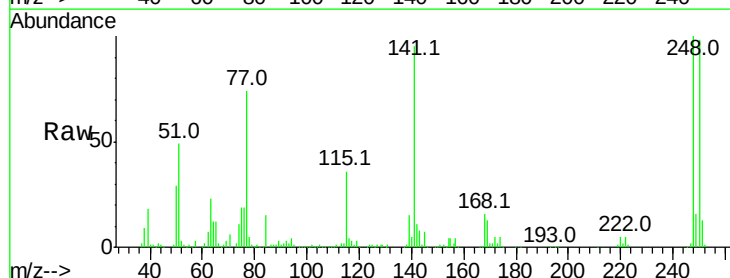
Tgt Ion:248 Resp: 166020

Ion Ratio Lower Upper

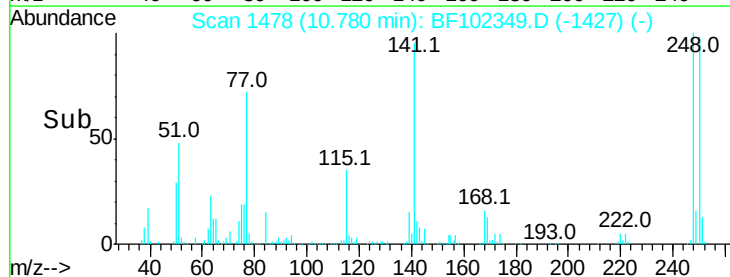
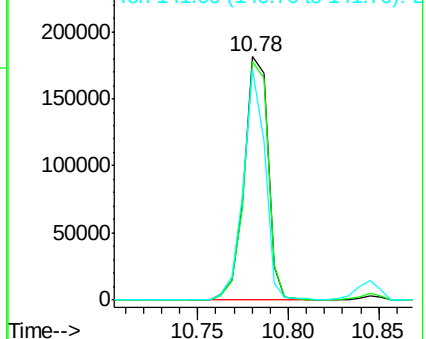
248 100

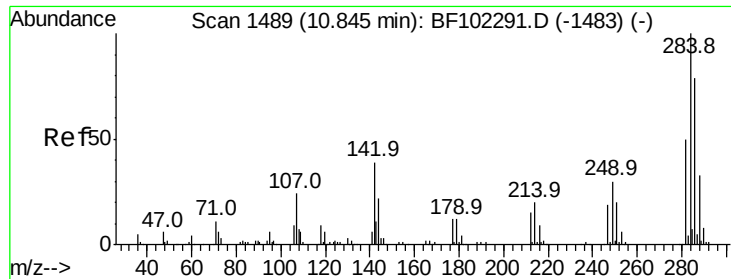
250 97.8 76.9 115.3

141 94.6 74.4 111.6



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

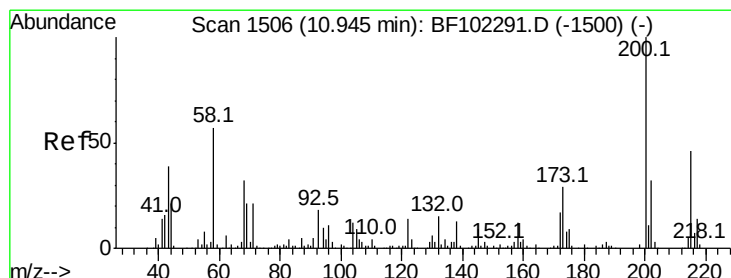
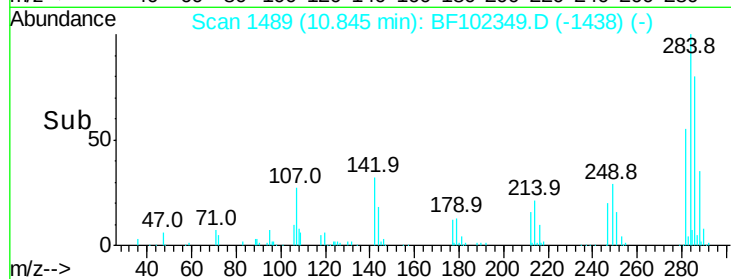
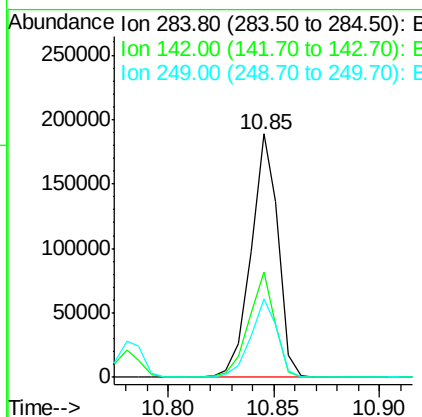
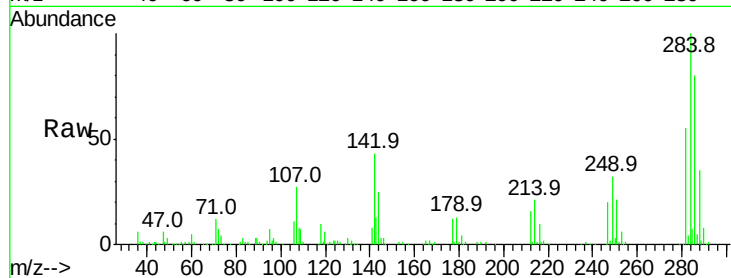




#67
Hexachlorobenzene
Concen: 31.916 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

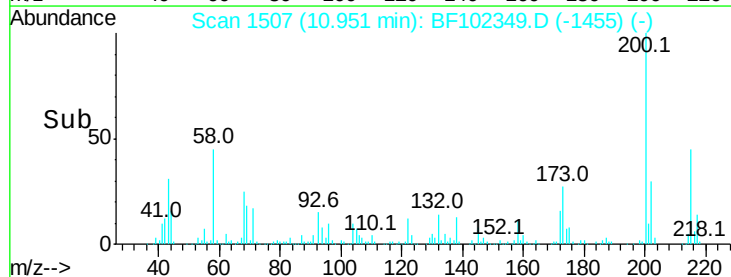
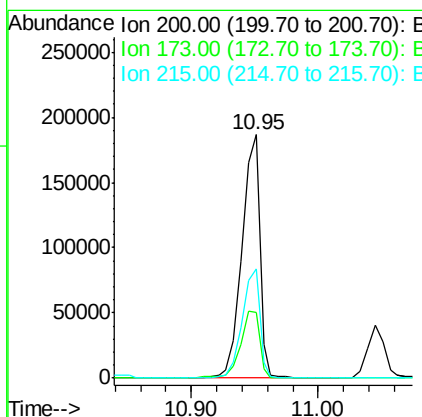
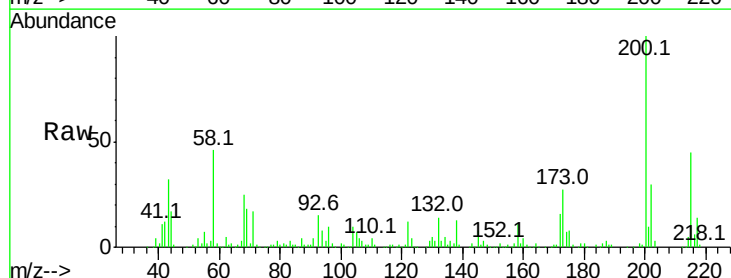
Instrument :
BNA_F
ClientSampleId :

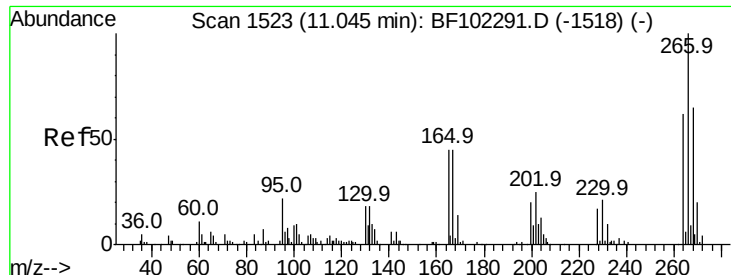
Tot Ion:284 Resp: 167525
Ion Ratio Lower Upper
284 100
142 43.4 34.6 52.0
249 32.0 24.8 37.2



#68
Atrazine
Concen: 38.292 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Tgt Ion:200 Resp: 180972
Ion Ratio Lower Upper
200 100
173 26.9 8.6 48.6
215 44.7 25.1 65.1

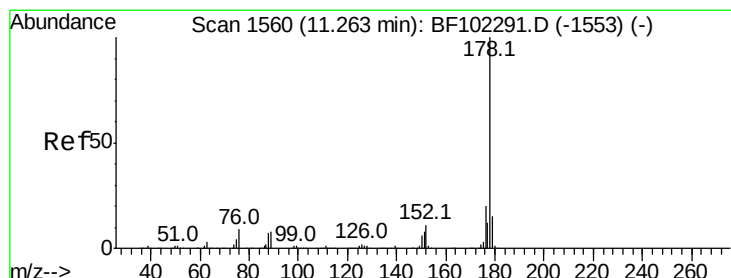
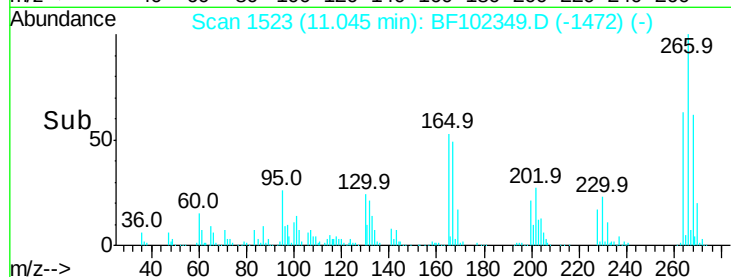
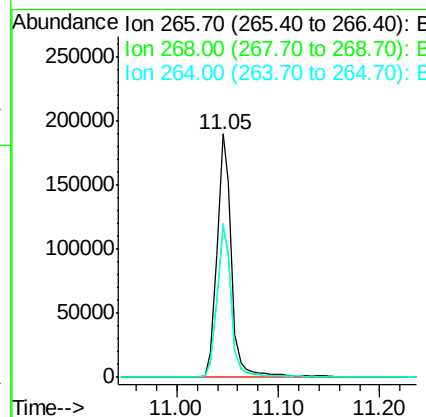
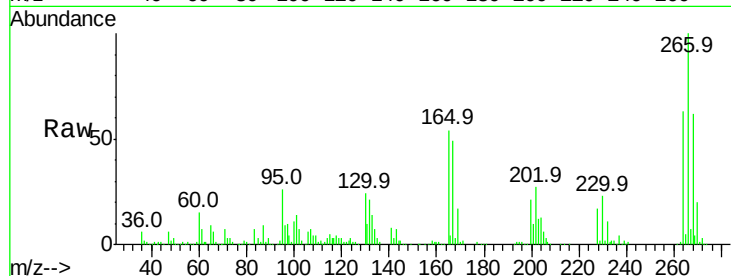




#69
 Pentachlorophenol
 Concen: 68.868 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

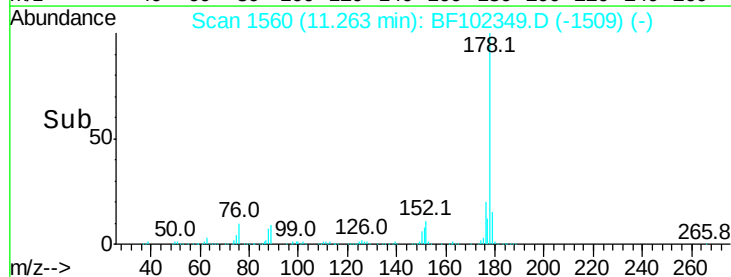
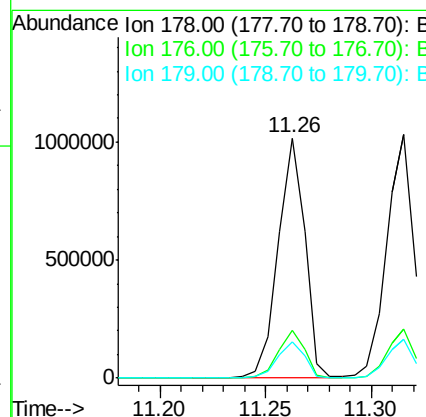
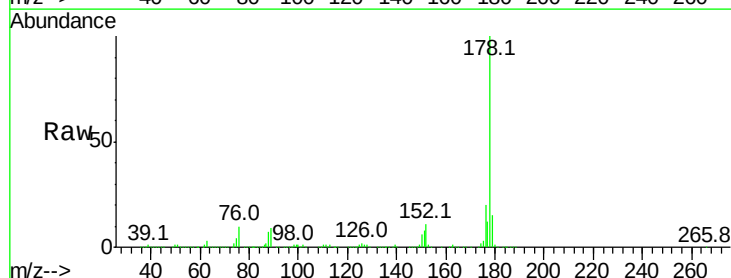
Instrument :
 BNA_F
 ClientSampleId :

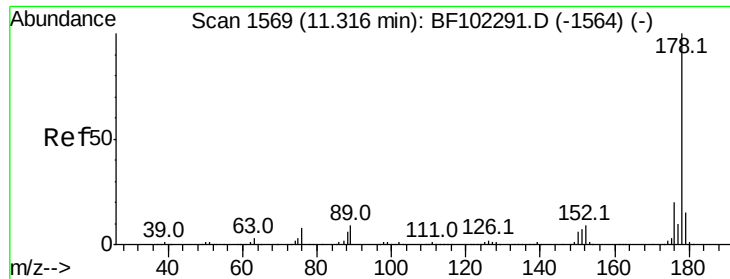
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	63.3	49.5	74.3



#70
 Phenanthrene
 Concen: 35.461 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.3	13.0	19.6





#71

Anthracene

Concen: 36.166 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

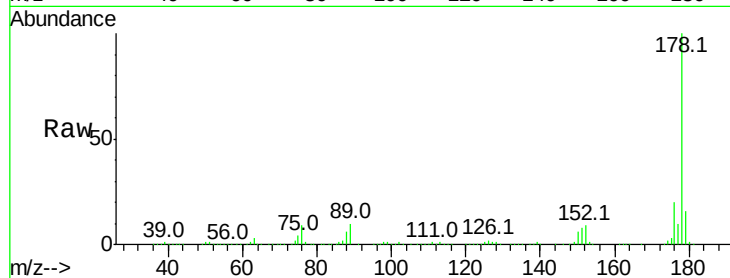
Tot Ion:178 Resp: 937814

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.2

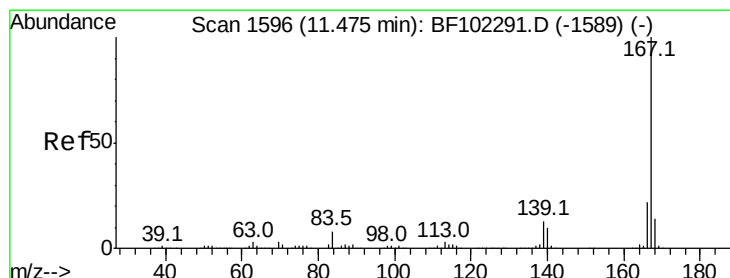
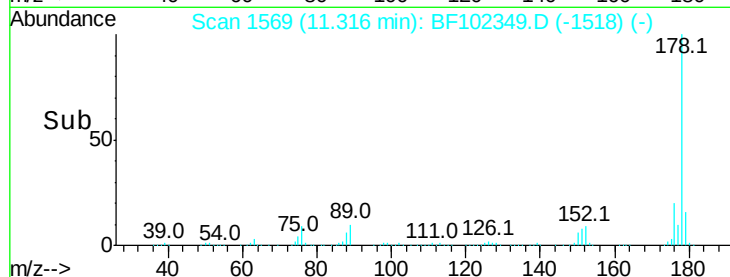
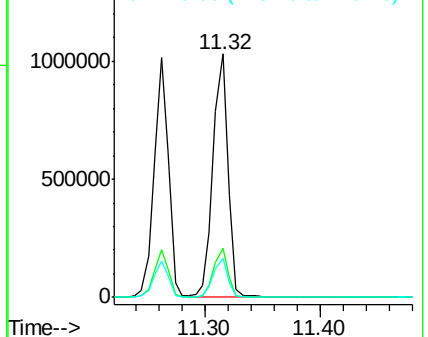
179 15.8 12.6 19.0



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: 35.900 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

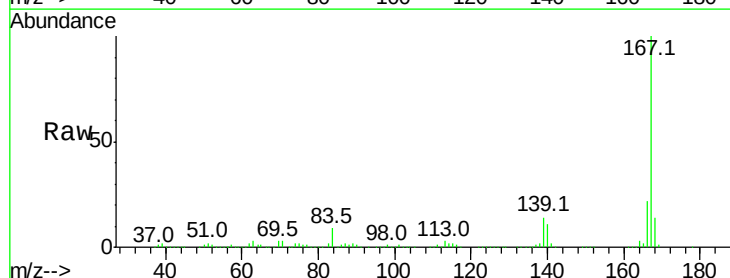
Tgt Ion:167 Resp: 908199

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

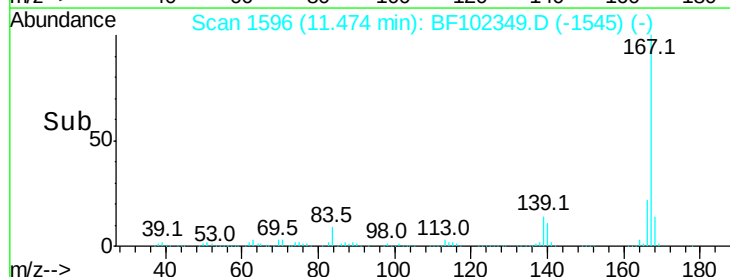
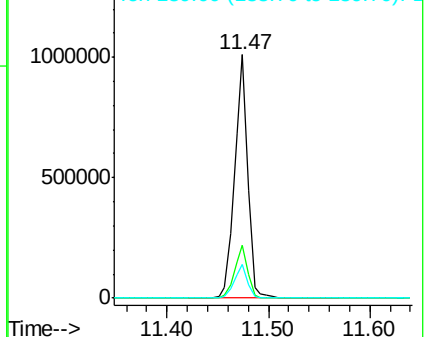
139 14.1 10.9 16.3

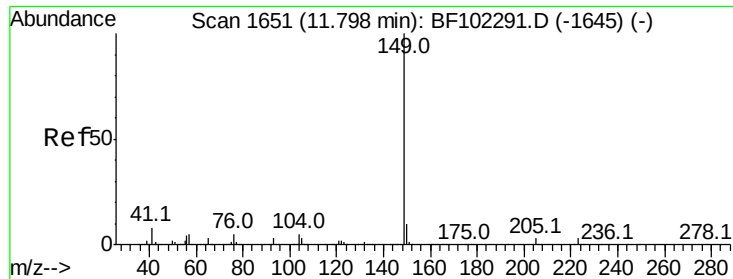


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

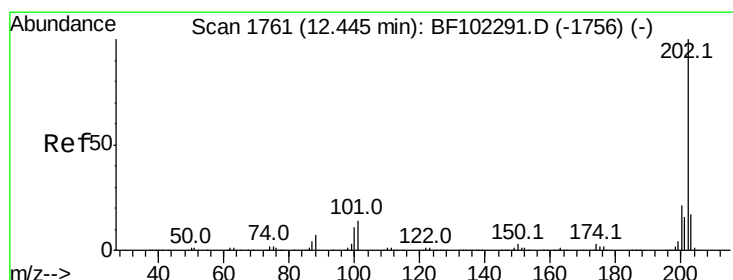
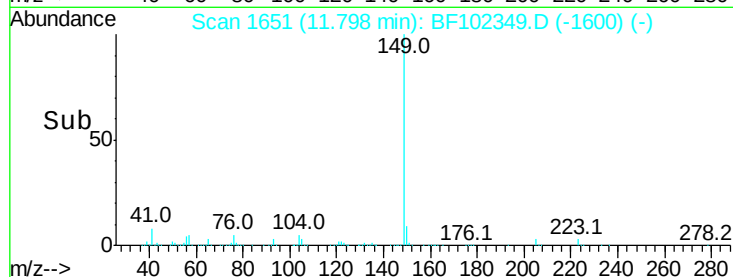
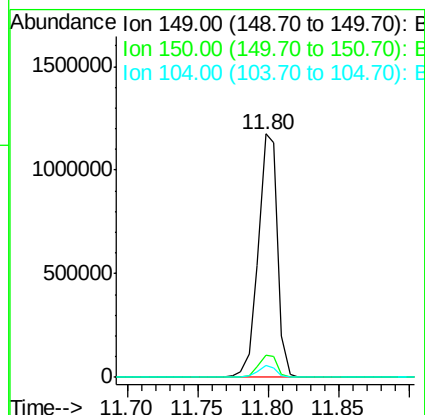
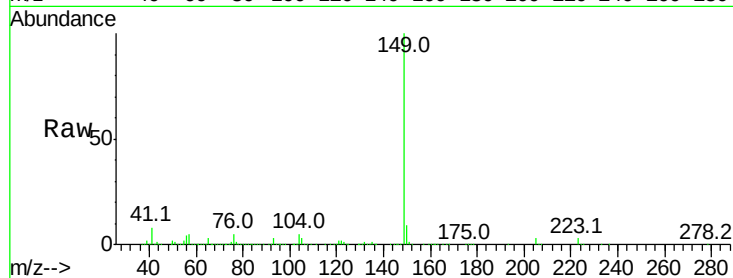




#73
Di-n-butylphthalate
Concen: 36.012 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

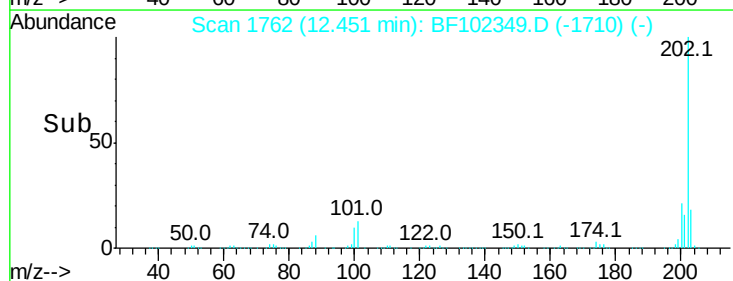
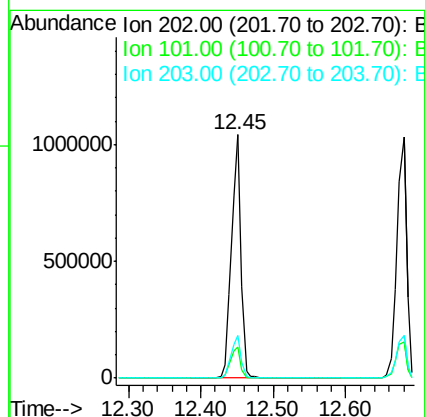
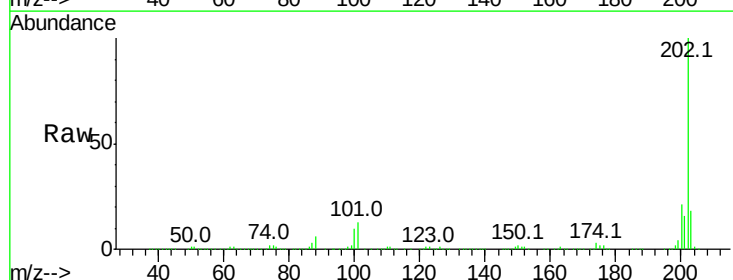
Instrument :
BNA_F
ClientSampleId :

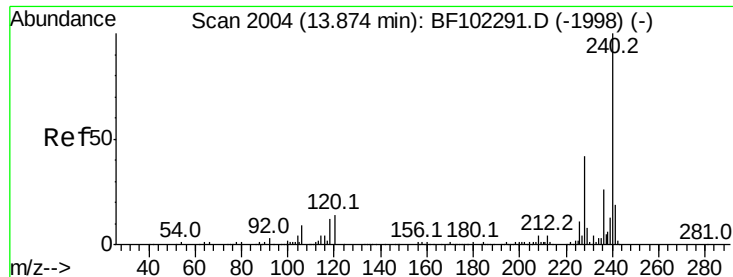
Tot Ion:149 Resp: 1138747
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 36.850 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Tgt Ion:202 Resp: 954674
Ion Ratio Lower Upper
202 100
101 12.9 0.0 34.1
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

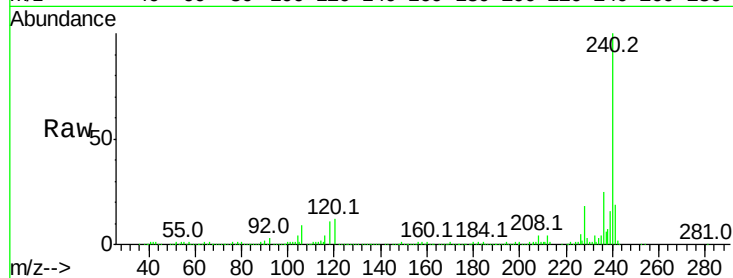
Tot Ion:240 Resp: 367327

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

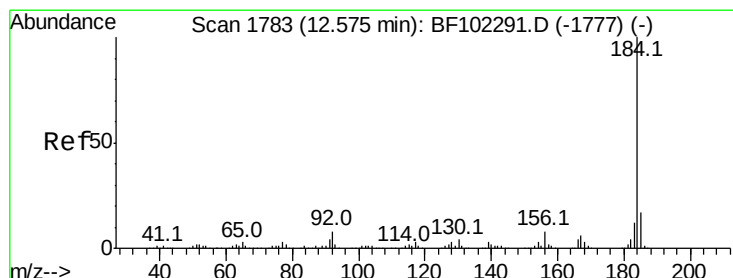
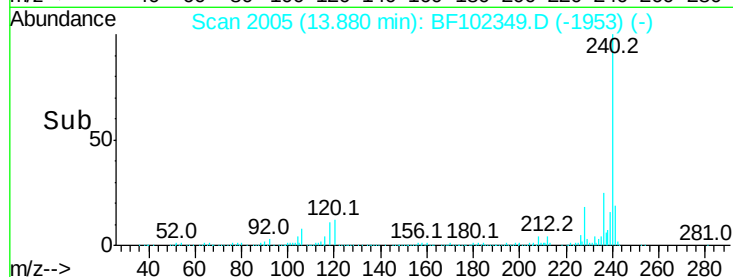
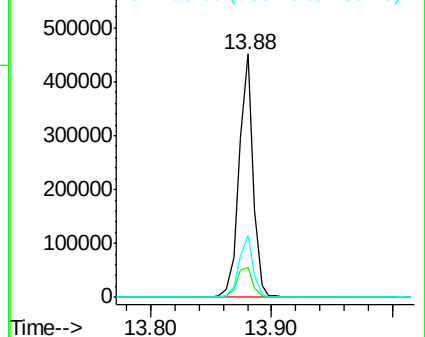
236 25.2 20.7 31.1



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: 28.123 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

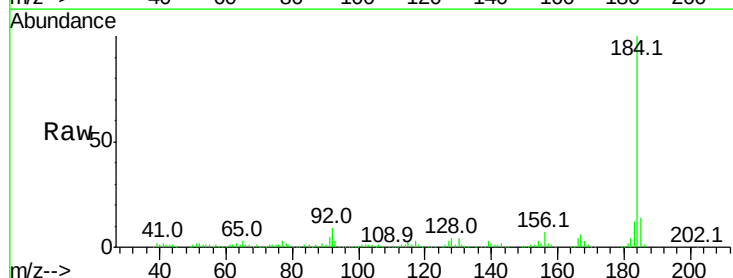
Tgt Ion:184 Resp: 347035

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

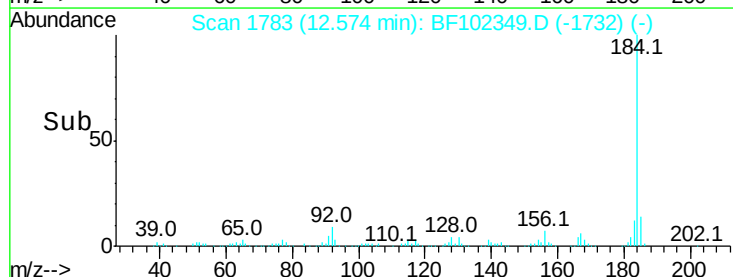
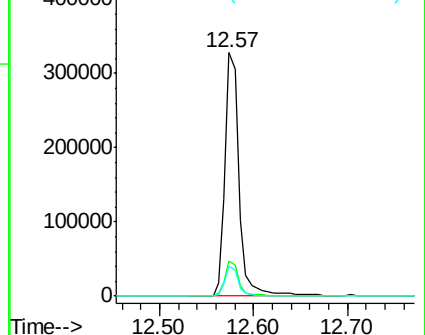
183 12.1 9.3 13.9

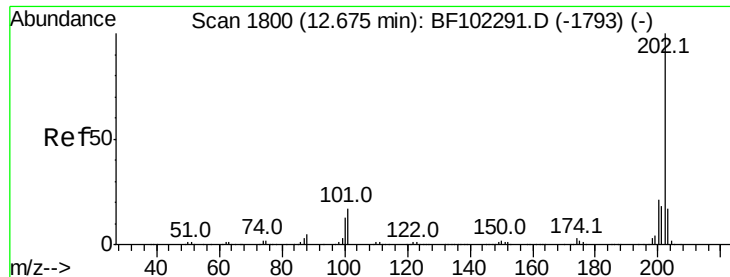


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

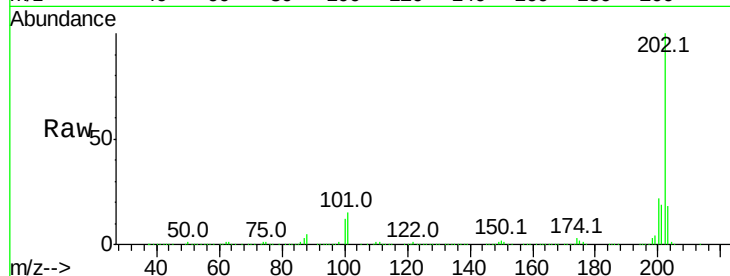




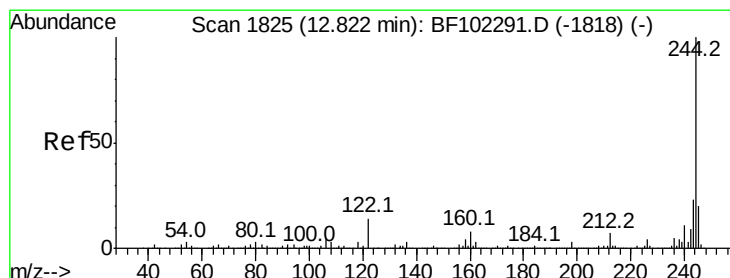
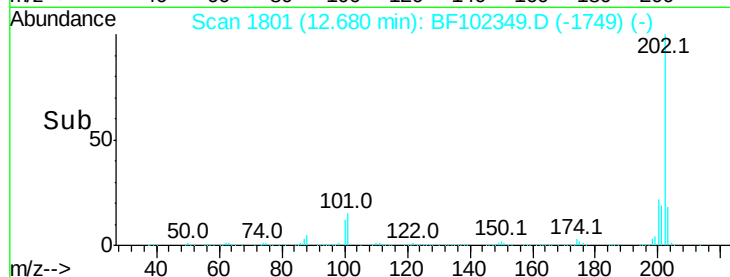
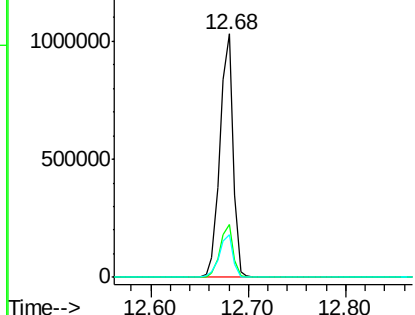
#77
Pvrene
Concen: 34.051 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 967062
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.6 14.3 21.5

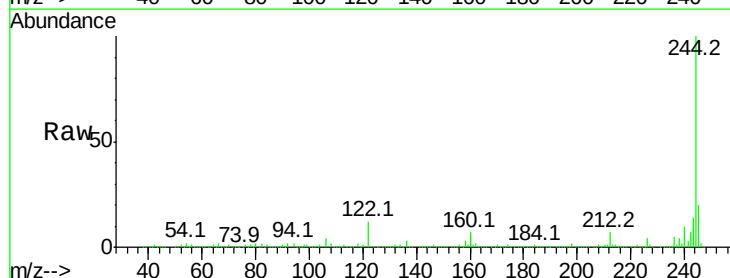


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

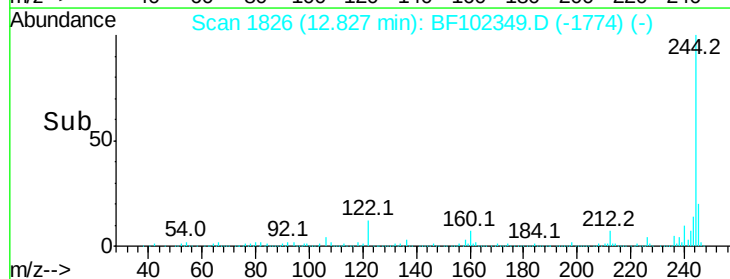
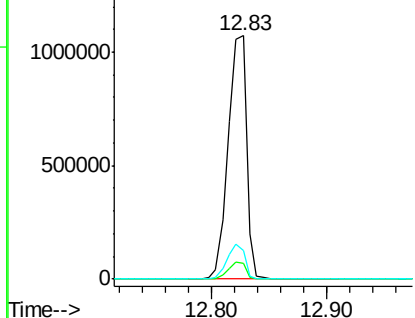


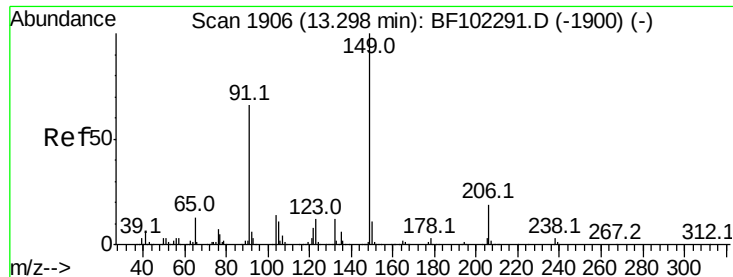
#78
Terphenyl-d14
Concen: 73.078 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF102349.D
Acq: 23 Jan 2018 18:35

Tgt Ion:244 Resp: 1190744
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 11.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.208 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BF102349.D

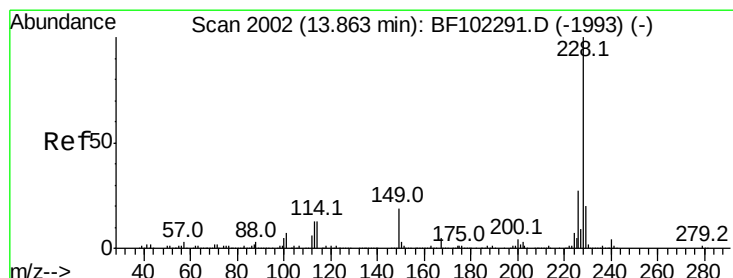
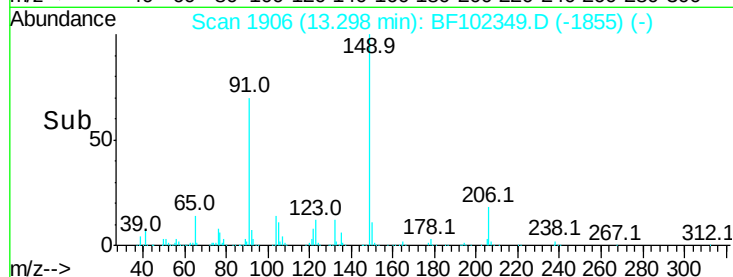
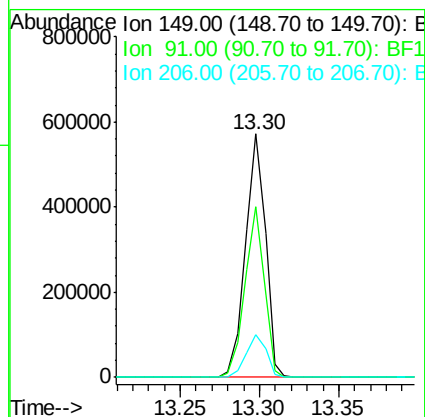
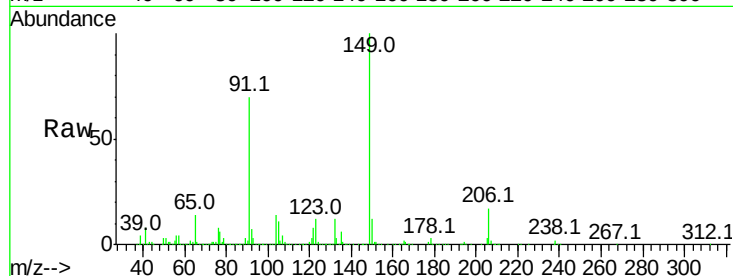
Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	497620
Ion	Ratio	Lower	Upper
149	100		
91	70.0	56.8	85.2
206	17.5	14.1	21.1



#80

Benzo(a)anthracene

Concen: 35.483 ng

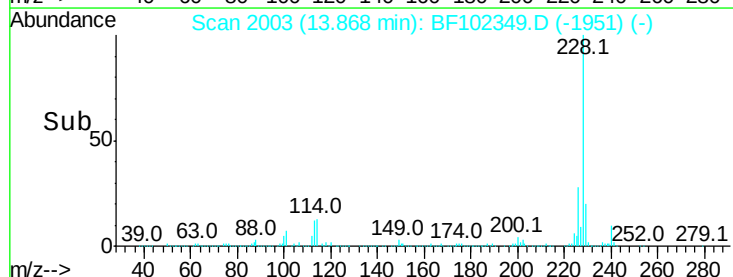
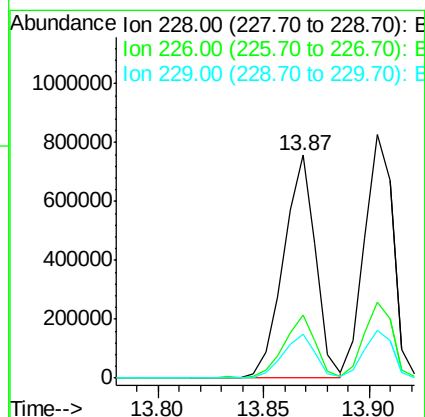
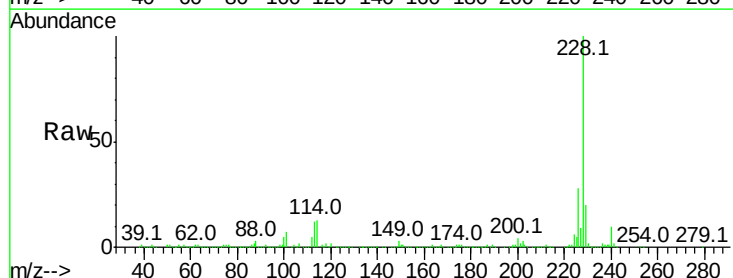
RT: 13.87 min Scan# 2003

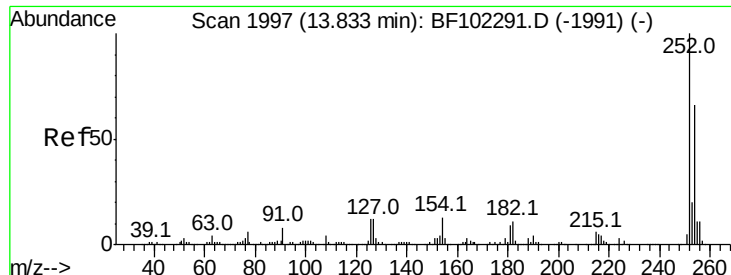
Delta R.T. 0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Tgt Ion:	228	Resp:	802456
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.6	15.8	23.6

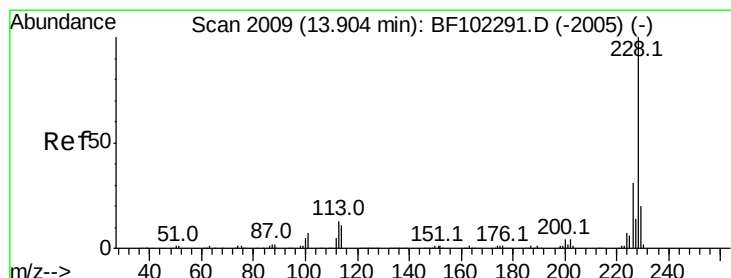
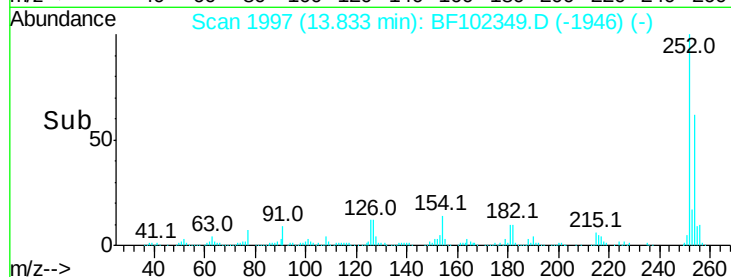
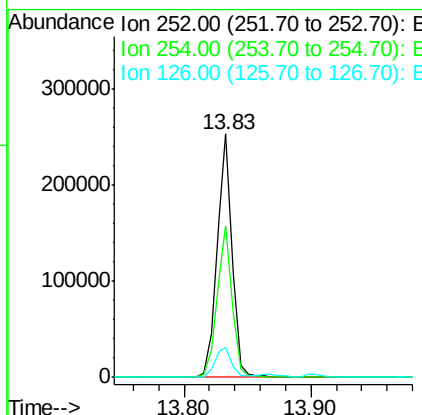
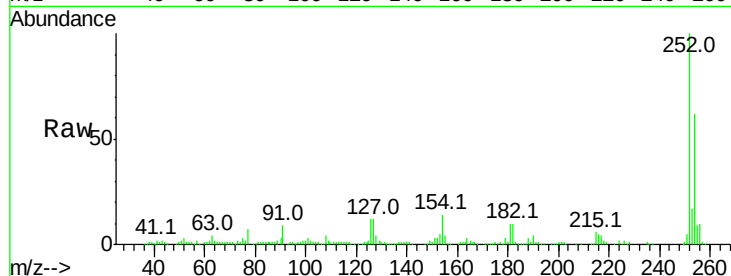




#81
 3,3'-Dichlorobenzidine
 Concen: 25.652 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

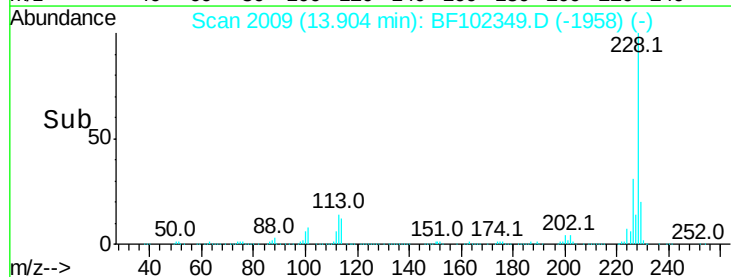
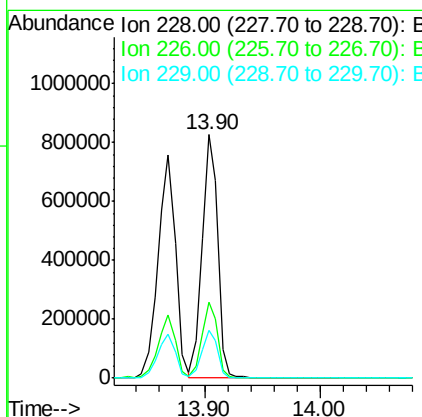
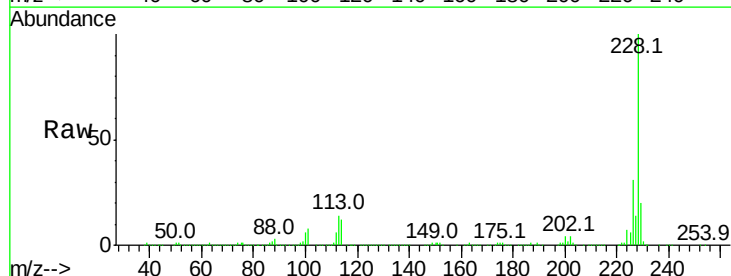
Instrument :
 BNA_F
 ClientSampleId :

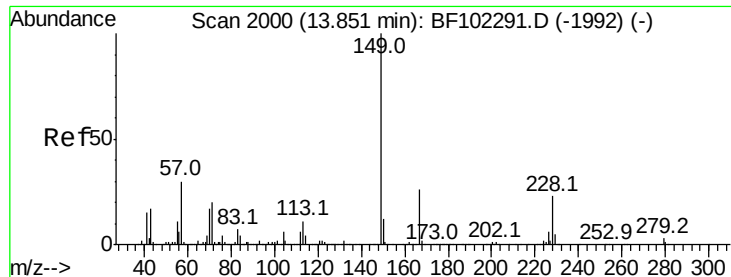
Tot Ion:252 Resp: 212808
 Ion Ratio Lower Upper
 252 100
 254 62.4 50.4 75.6
 126 12.4 11.3 16.9



#82
 Chrysene
 Concen: 34.392 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Tgt Ion:228 Resp: 789821
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.921 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

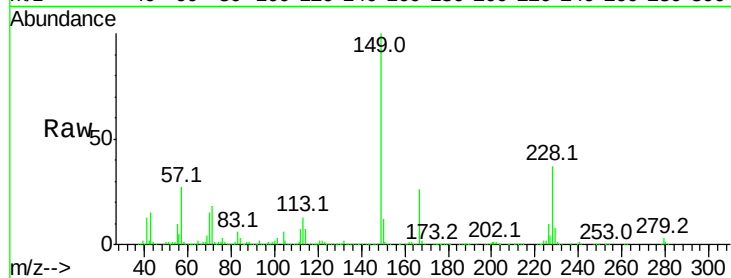
Tot Ion:149 Resp: 682291

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

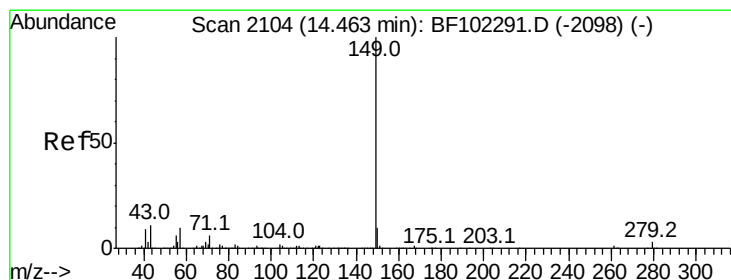
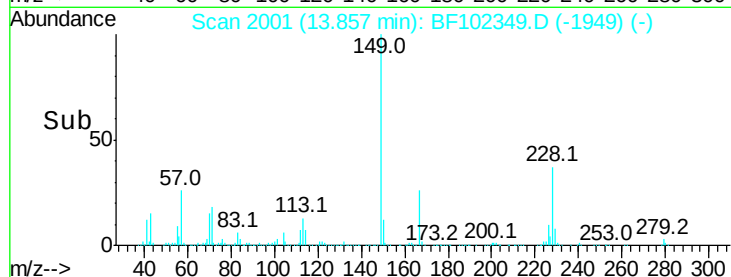
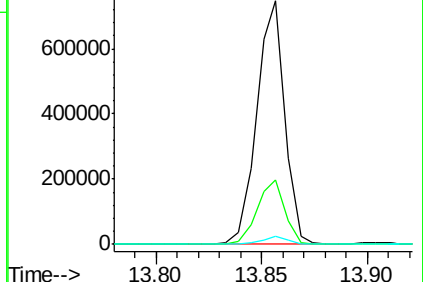
279 3.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.460 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

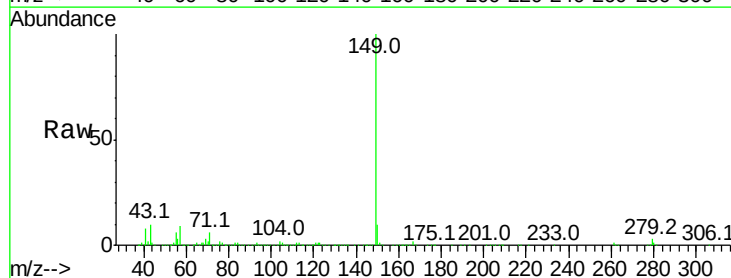
Tgt Ion:149 Resp: 1126219

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

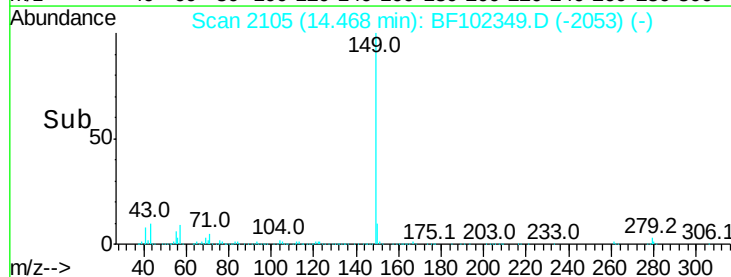
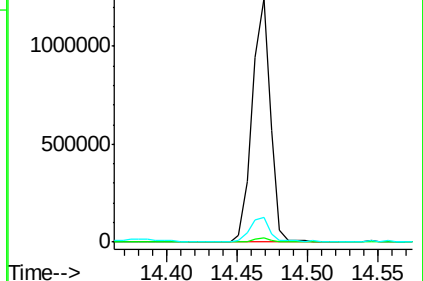
43 10.3 8.4 12.6

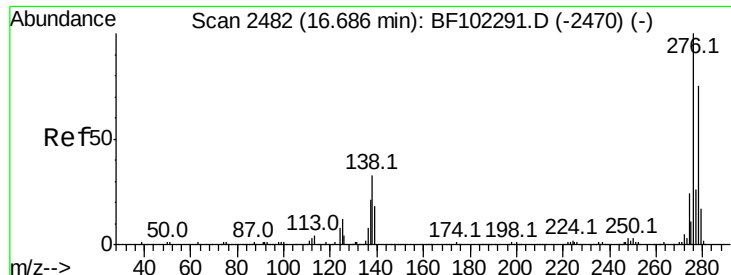


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

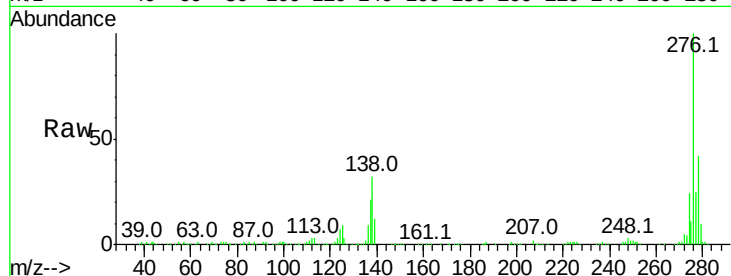




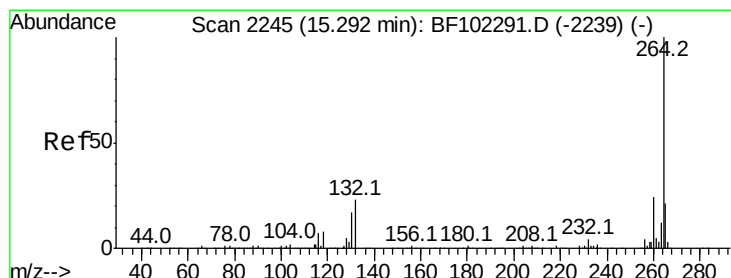
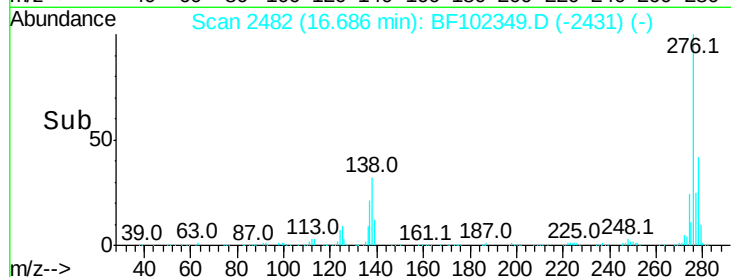
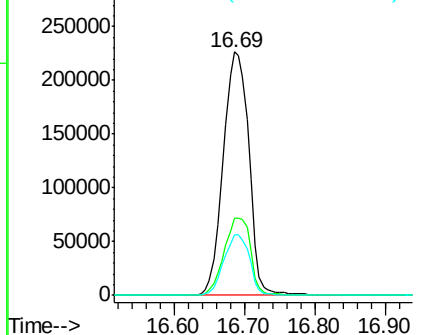
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.219 ng
 RT: 16.69 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.7	25.0	37.6
277	25.0	20.1	30.1

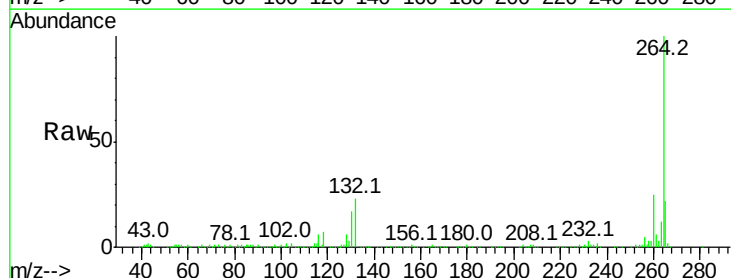


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

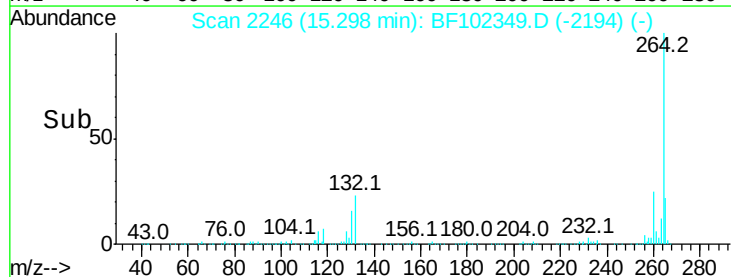
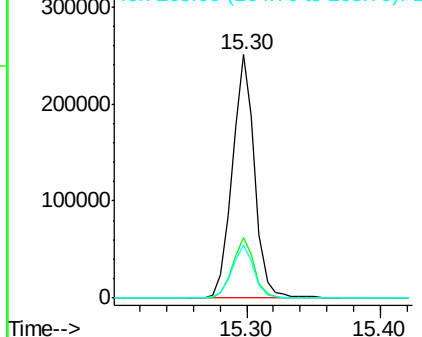


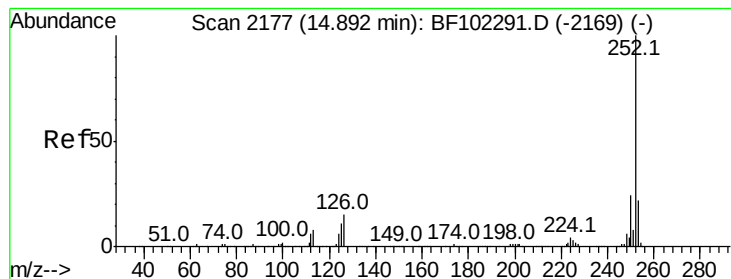
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102349.D
 Acq: 23 Jan 2018 18:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.9	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: 39.694 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

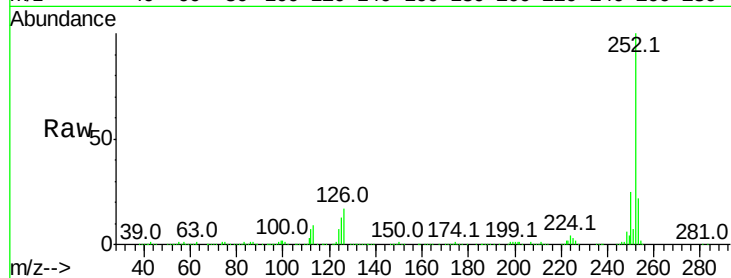
Tot Ion:252 Resp: 750615

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

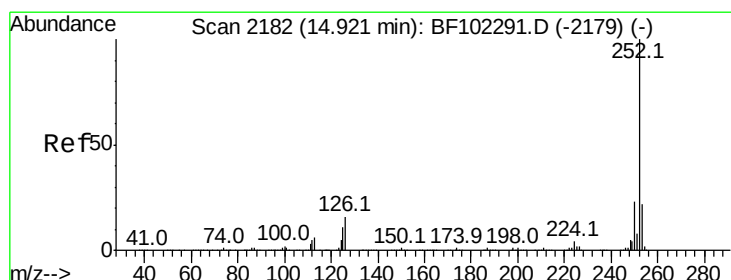
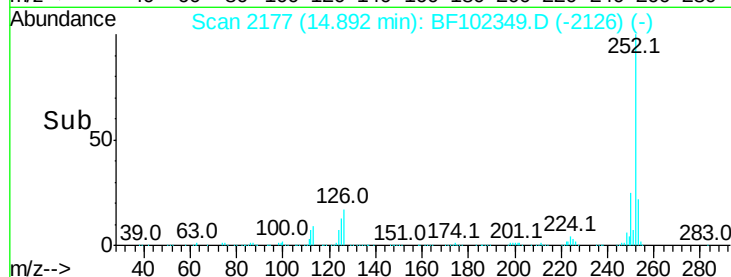
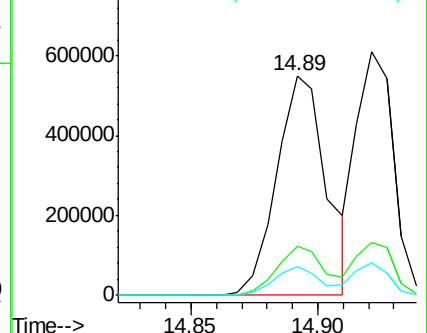
125 12.8 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.373 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

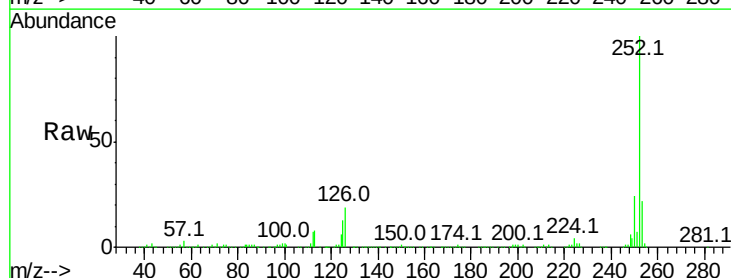
Tgt Ion:252 Resp: 631973

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

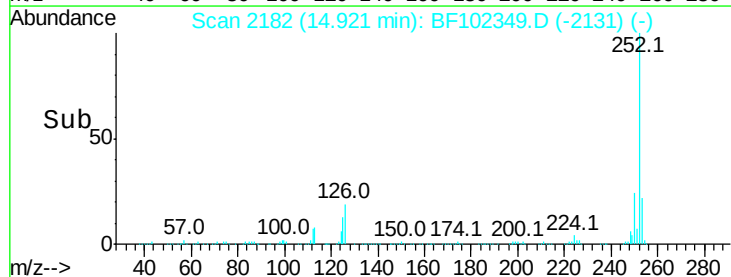
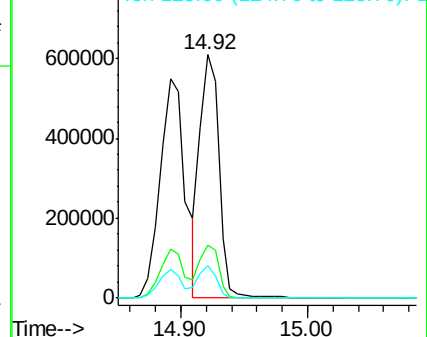
125 13.4 10.2 15.2

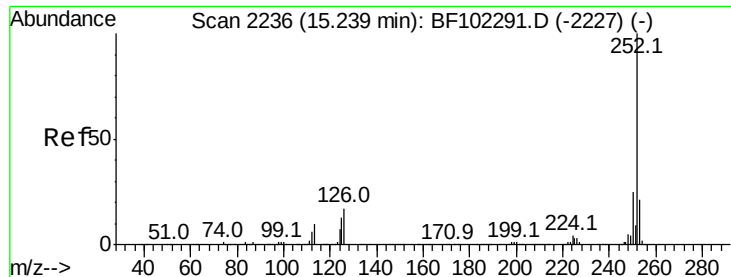


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.996 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

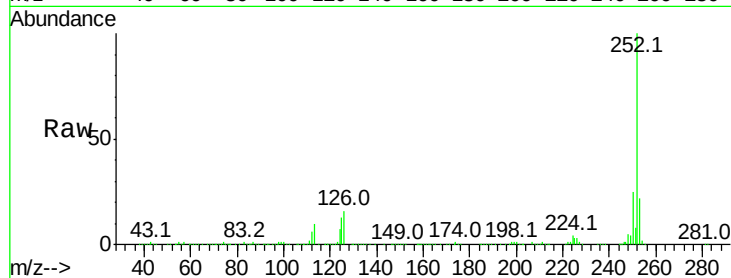
Tot Ion:252 Resp: 648005

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

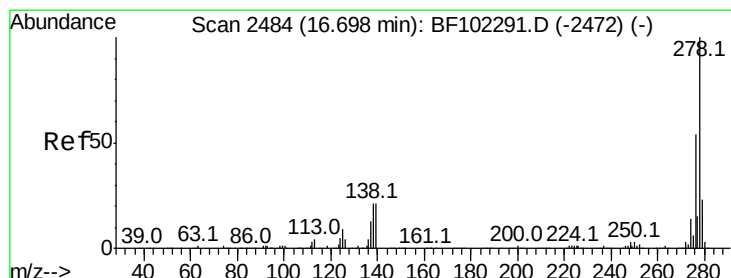
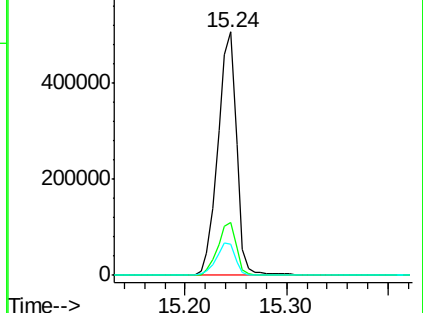
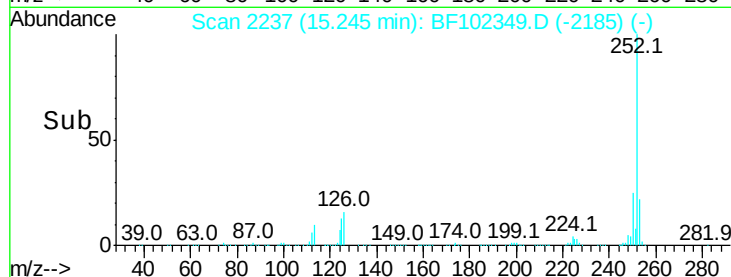
125 13.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.895 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

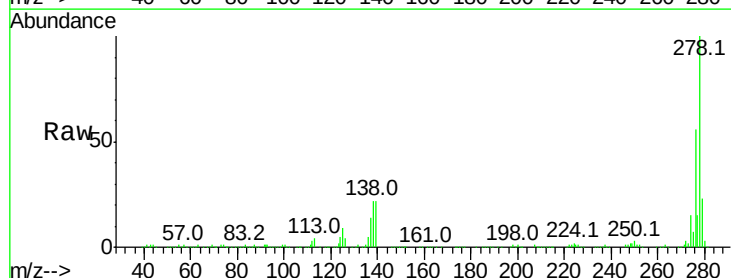
Tgt Ion:278 Resp: 468267

Ion Ratio Lower Upper

278 100

139 21.8 15.9 23.9

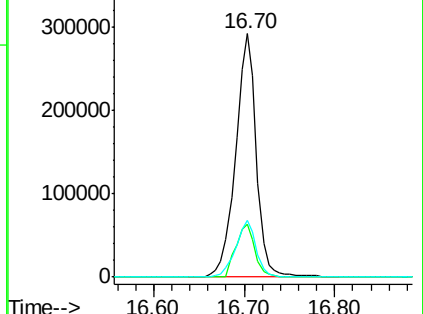
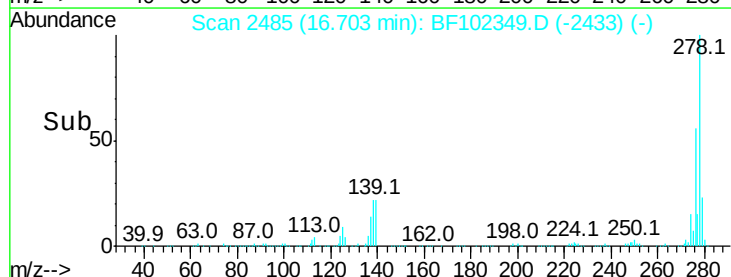
279 23.3 19.0 28.4

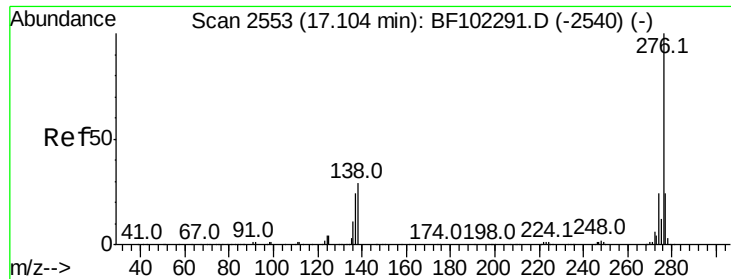


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.490 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.01 min

Lab File: BF102349.D

Acq: 23 Jan 2018 18:35

Instrument :

BNA_F

ClientSampleId :

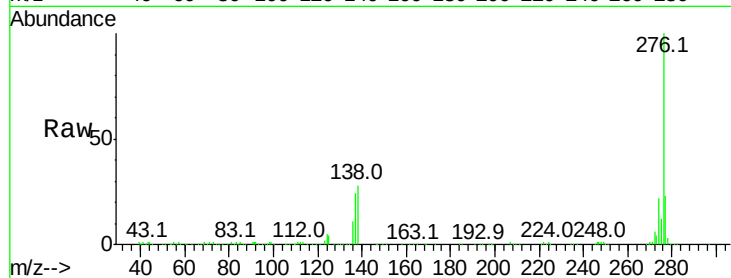
Tot Ion: 276 Resp: 484114

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 27.9 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

