

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102451.D
 Acq On : 26 Jan 2018 3:45
 Operator : SJ/JU
 Sample : J1289-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 04:48:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128507	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	514276	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	214361	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	315648	20.00	ng	0.00
75) Chrysene-d12	13.88	240	240247	20.00	ng	0.00
86) Perylene-d12	15.31	264	204337	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1091514	128.79	ng	0.02
7) Phenol-d6	6.37	99	1307105	127.93	ng	0.00
23) Nitrobenzene-d5	7.29	82	810821	90.60	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	210799	99.25	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1327405	91.05	ng	0.00
78) Terphenyl-d14	12.83	244	973834	91.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	157018	38.993	ng	97
3) Pyridine	3.13	79	434365	41.276	ng	93
4) n-Nitrosodimethylamine	3.09	42	218189	52.887	ng	96
6) Aniline	6.39	93	204479	15.130	ng	# 1
8) 2-Chlorophenol	6.51	128	417403	46.982	ng	97
9) Benzaldehyde	6.27	77	219363	38.043	ng	94
10) Phenol	6.39	94	515730	46.233	ng	89
11) bis(2-Chloroethyl)ether	6.46	93	397035	46.798	ng	99
12) 1,3-Dichlorobenzene	6.66	146	448947	42.489	ng	98
13) 1,4-Dichlorobenzene	6.74	146	456203	43.102	ng	97
14) 1,2-Dichlorobenzene	6.89	146	423512	43.745	ng	97
15) Benzyl Alcohol	6.87	79	317689	44.067	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	616384	43.318	ng	79
17) 2-Methylphenol	6.99	107	338950	43.929	ng	# 93
18) Hexachloroethane	7.23	117	136056	36.889	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	277339	44.353	ng	96
20) 3+4-Methylphenols	7.14	107	434387	47.868	ng	# 73
22) Acetophenone	7.13	105	564226	46.024	ng	96
24) Nitrobenzene	7.31	77	422892	46.176	ng	96
25) Isophorone	7.55	82	756835	47.439	ng	99
26) 2-Nitrophenol	7.62	139	178411	37.014	ng	96
27) 2,4-Dimethylphenol	7.67	122	364857	52.130	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	492891	50.013	ng	99
29) 2,4-Dichlorophenol	7.87	162	337892	47.394	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	331707	43.404	ng	99
31) Naphthalene	8.03	128	1151013	44.827	ng	100
32) Benzoic acid	7.77	122	50660	8.639	ng	98
33) 4-Chloroaniline	8.08	127	119764	11.092	ng	95
34) Hexachlorobutadiene	8.13	225	170281	41.718	ng	97
35) Caprolactam	8.46	113	106609	45.278	ng	97
36) 4-Chloro-3-methylphenol	8.57	107	343134	45.661	ng	99
37) 2-Methylnaphthalene	8.72	142	757361	44.290	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	295672	45.846	ng	99
40) Hexachlorocyclopentadiene	8.86	237	28624	9.918	ng	96

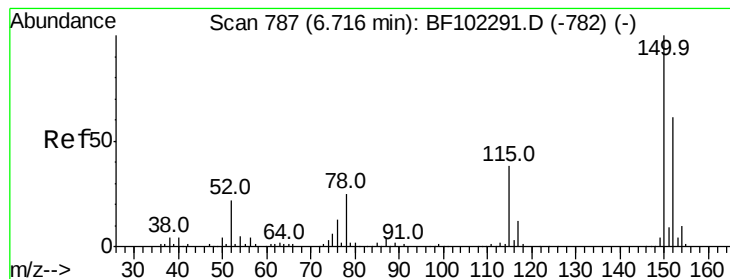
Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102451.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	195513	45.286	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	206590	42.500	nq	99
45) 1,1'-Biphenyl	9.18	154	861571	44.950	nq	99
46) 2-Chloronaphthalene	9.20	162	662961	44.498	nq	100
47) 2-Nitroaniline	9.31	65	221751	47.741	nq	98
48) Acenaphthylene	9.62	152	984504	42.415	nq	100
49) Dimethylphthalate	9.48	163	900730	50.836	nq	100
50) 2,6-Dinitrotoluene	9.55	165	158713	41.547	nq	96
51) Acenaphthene	9.79	154	575337	42.442	nq	99
52) 3-Nitroaniline	9.72	138	144912	32.067	nq	93
53) 2,4-Dinitrophenol	9.83	184	6627	7.383	nq	# 25
54) Dibenzofuran	9.96	168	838237	45.690	nq	98
55) 4-Nitrophenol	9.90	139	216747	72.660	nq	96
56) 2,4-Dinitrotoluene	9.96	165	176152	37.498	nq	# 91
57) Fluorene	10.30	166	633325	43.565	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	143448	41.331	nq	96
59) Diethylphthalate	10.18	149	736042	42.749	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	279209	44.299	nq	98
61) 4-Nitroaniline	10.33	138	190063	42.148	nq	92
62) Azobenzene	10.46	77	662224	42.009	nq	98
64) 4,6-Dinitro-2-methylphenol	10.37	198	8589	4.079	nq	83
65) n-Nitrosodiphenylamine	10.42	169	578364	49.921	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	166406	48.973	nq	93
67) Hexachlorobenzene	10.85	284	159894	42.075	nq	98
68) Atrazine	10.95	200	164374	48.038	nq	99
69) Pentachlorophenol	11.05	266	134253	67.251	nq	98
70) Phenanthrene	11.27	178	843312	45.848	nq	99
71) Anthracene	11.32	178	862566	45.945	nq	100
72) Carbazole	11.48	167	827669	45.189	nq	99
73) Di-n-butylphthalate	11.80	149	1046660	45.717	nq	98
74) Fluoranthene	12.46	202	830320	44.267	nq	96
76) Benzidine	12.58	184	450285	55.792	nq	98
77) Pyrene	12.69	202	835174	44.962	nq	99
79) Butylbenzylphthalate	13.30	149	424062	45.875	nq	98
80) Benzo(a)anthracene	13.87	228	702757	47.512	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	248992	45.889	nq	97
82) Chrysene	13.91	228	672768	44.790	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	581326	46.795	nq	100
84) Di-n-octyl phthalate	14.47	149	988143	48.912	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	512118	41.284	nq	97
87) Benzo(b)fluoranthene	14.90	252	608233	45.925	nq	97
88) Benzo(k)fluoranthene	14.93	252	574081	45.880	nq	99
89) Benzo(a)pyrene	15.25	252	543620	45.511	nq	# 97
90) Dibenzo(a,h)anthracene	16.72	278	428285	44.263	nq	98
91) Benzo(g,h,i)perylene	17.13	276	421306	44.098	nq	98

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

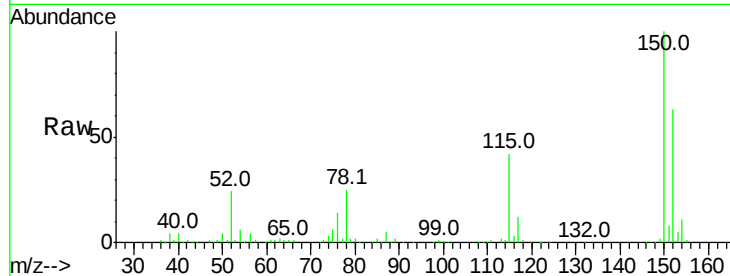


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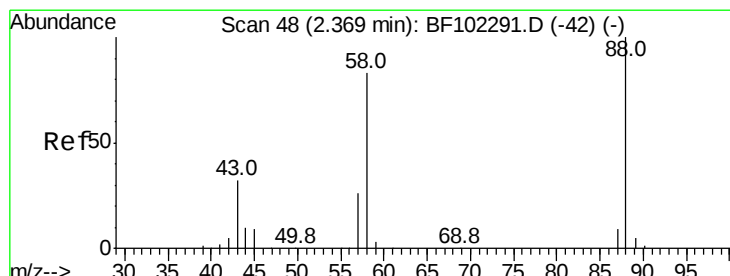
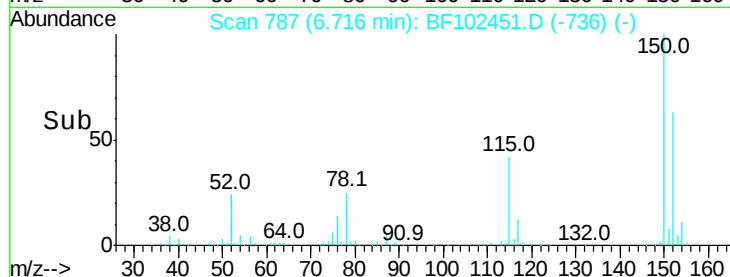
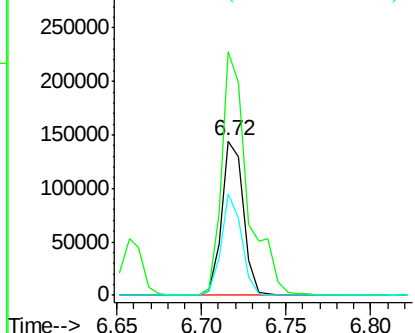
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128507
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 65.7 50.1 75.1



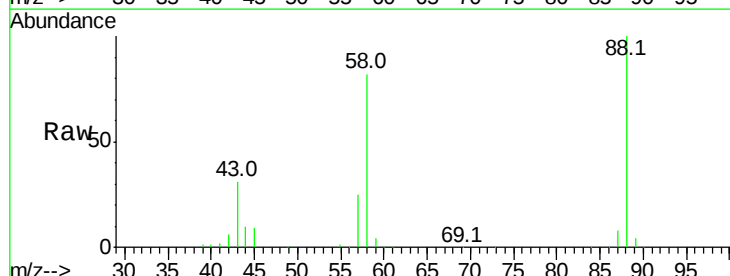
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



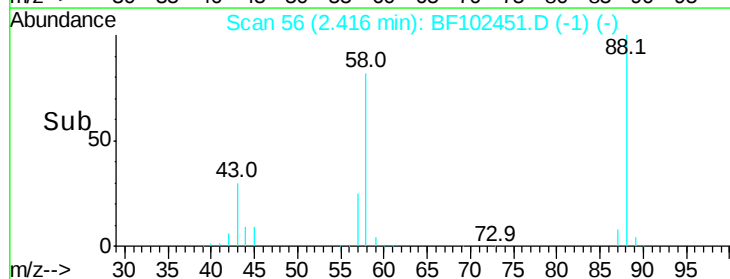
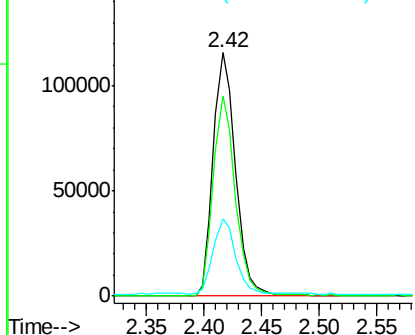
#2

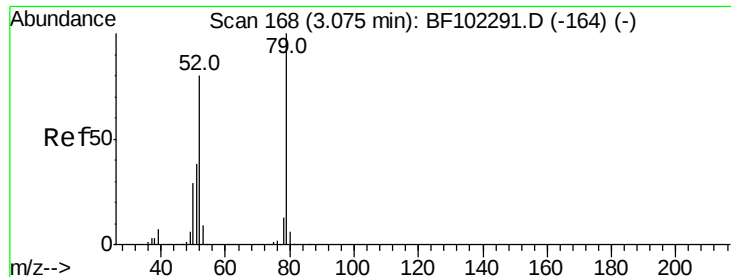
1,4-Dioxane
Concen: 38.993 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.05 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion: 88 Resp: 157018
Ion Ratio Lower Upper
88 100
58 81.4 62.6 93.8
43 30.1 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: 41.276 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.05 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

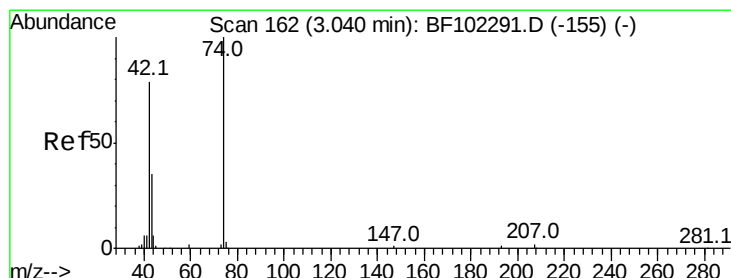
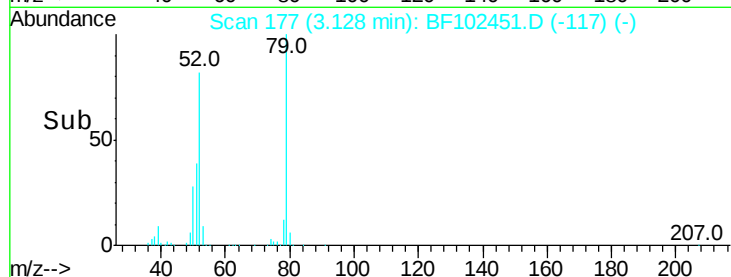
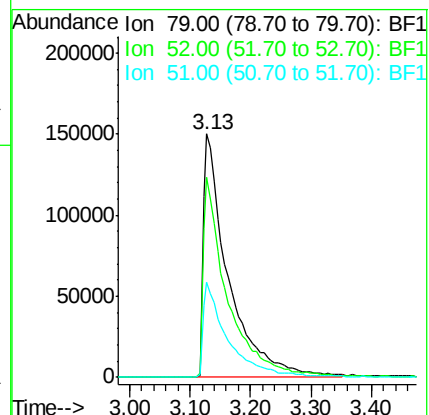
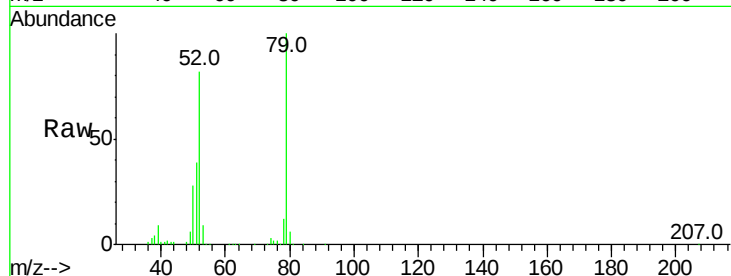
Tot Ion: 79 Resp: 434365

Ion Ratio Lower Upper

79 100

52 82.4 59.8 89.6

51 39.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 52.887 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.04 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

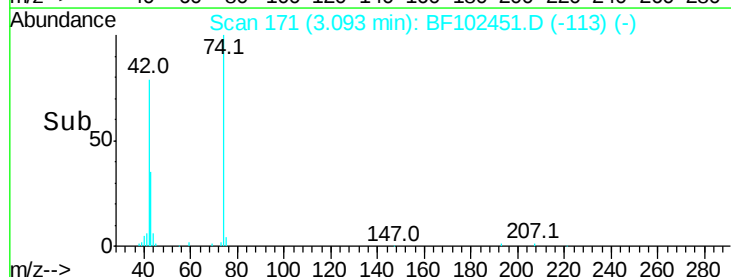
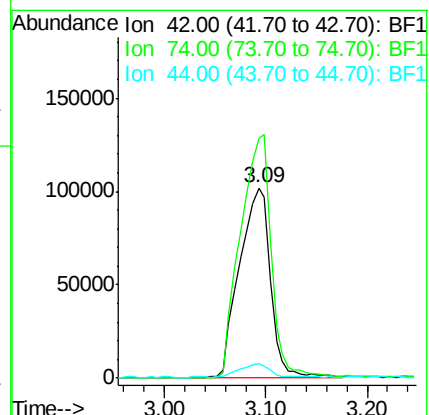
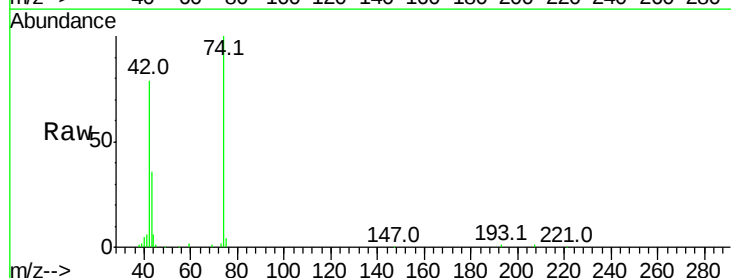
Tgt Ion: 42 Resp: 218189

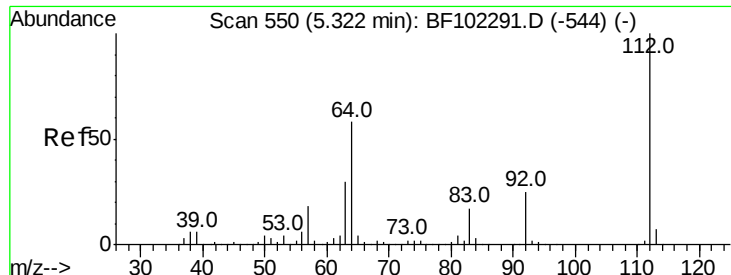
Ion Ratio Lower Upper

42 100

74 126.4 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 128.788 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampled :

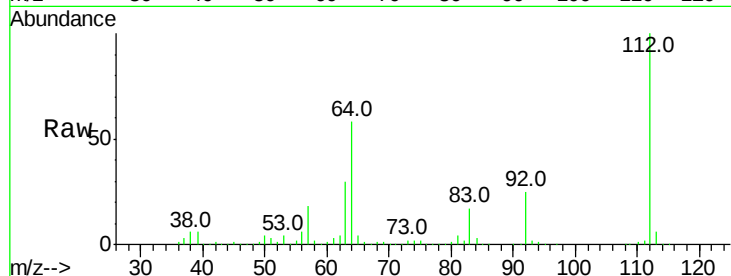
Tot Ion:112 Resp: 1091514

Ion Ratio Lower Upper

112 100

64 58.5 47.9 71.9

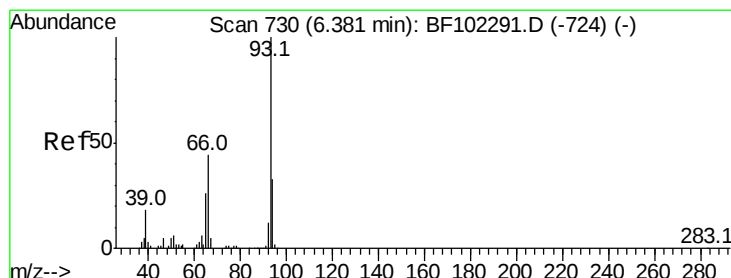
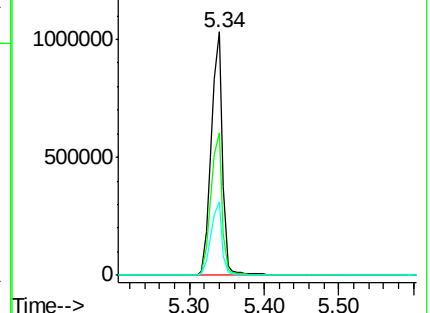
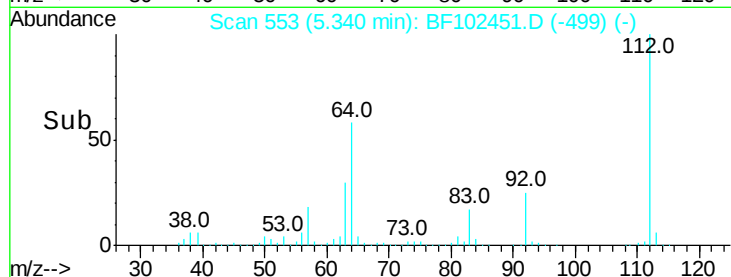
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.130 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

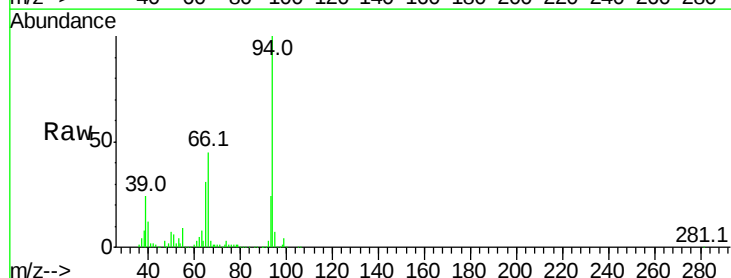
Tgt Ion: 93 Resp: 204479

Ion Ratio Lower Upper

93 100

66 186.0 32.2 48.2#

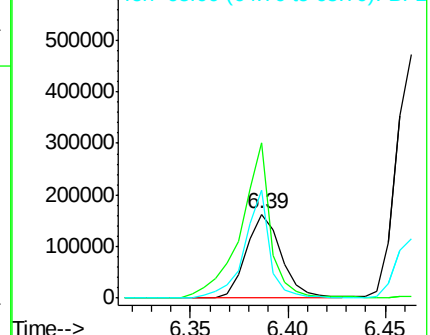
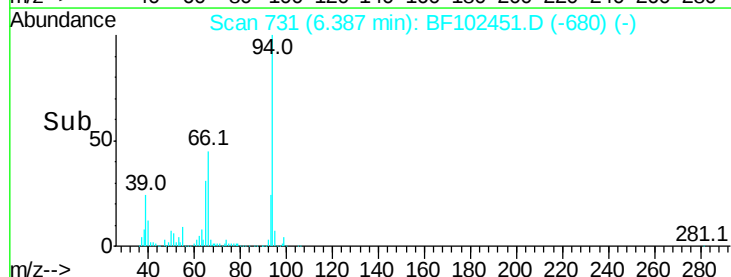
65 128.4 16.4 24.6#

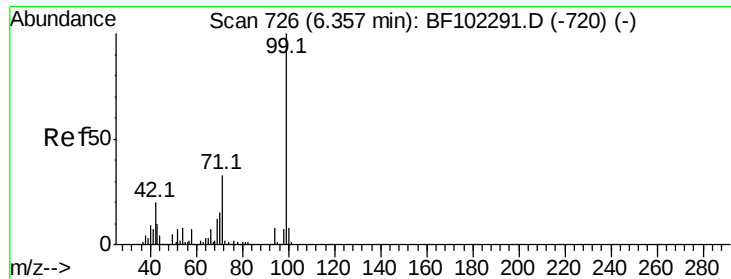


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.926 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

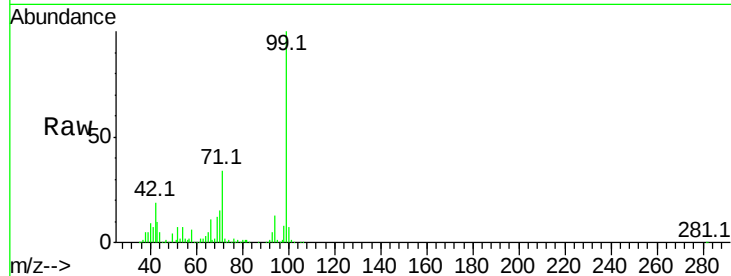
Tot Ion: 99 Resp: 1307105

Ion Ratio Lower Upper

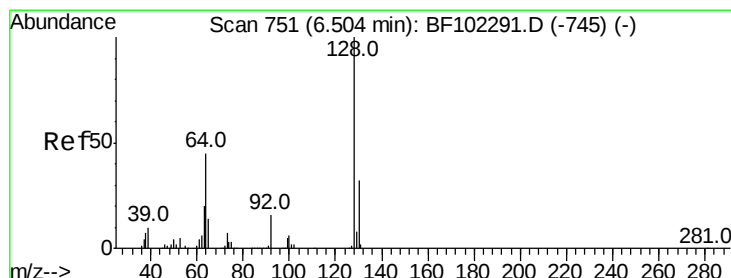
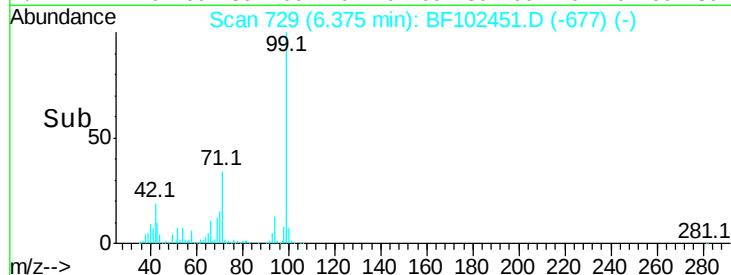
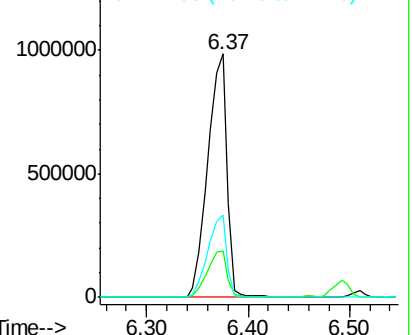
99 100

42 19.3 14.5 21.7

71 34.0 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: 46.982 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

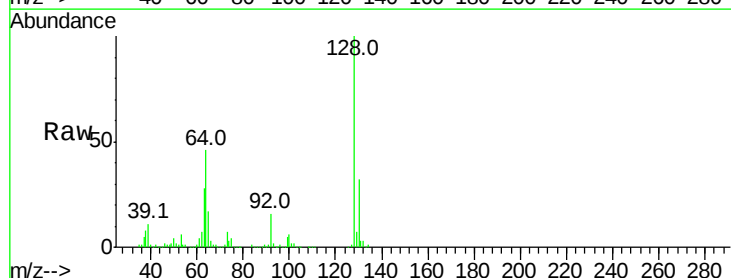
Tgt Ion:128 Resp: 417403

Ion Ratio Lower Upper

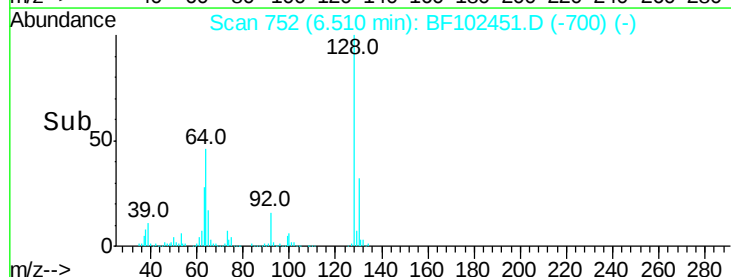
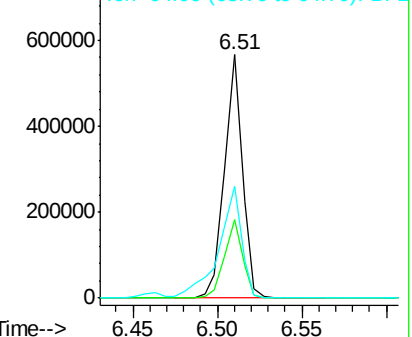
128 100

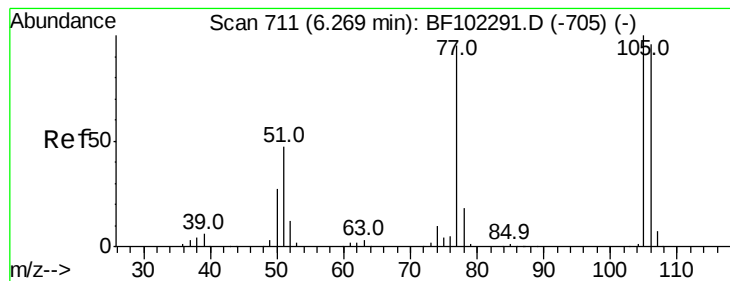
130 32.5 13.0 53.0

64 46.0 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: 38.043 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

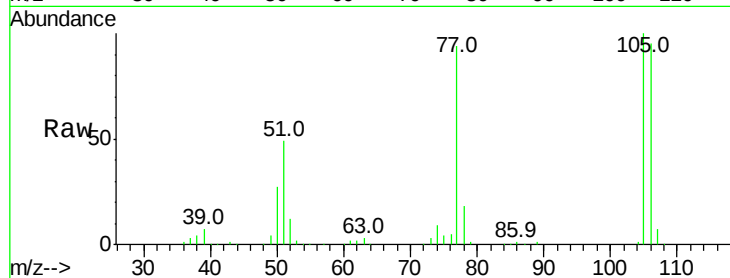
Tot Ion: 77 Resp: 219363

Ion Ratio Lower Upper

77 100

105 105.9 81.1 121.1

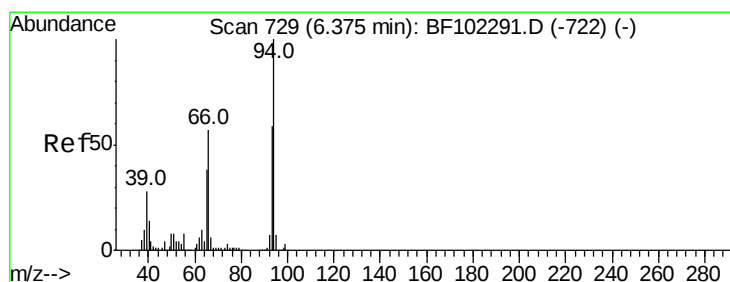
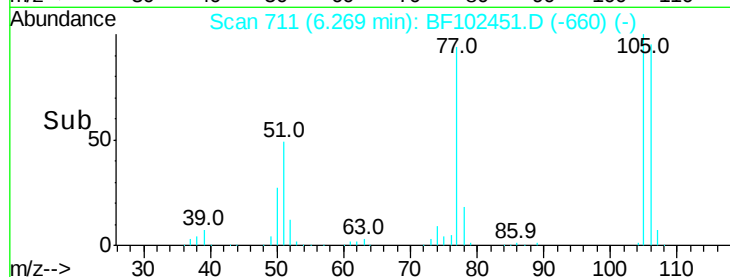
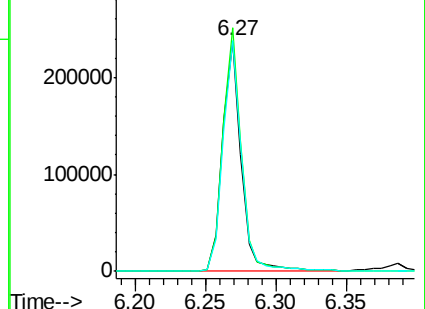
106 100.6 74.5 114.5



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: 46.233 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

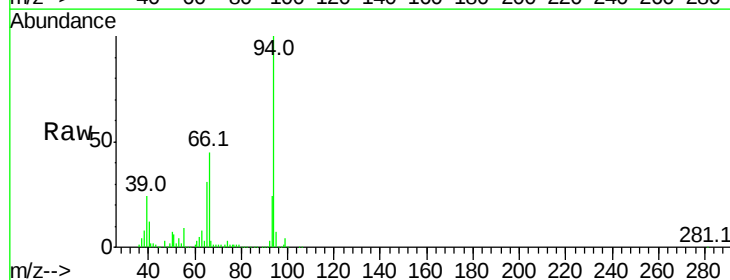
Tgt Ion: 94 Resp: 515730

Ion Ratio Lower Upper

94 100

65 31.0 7.9 47.9

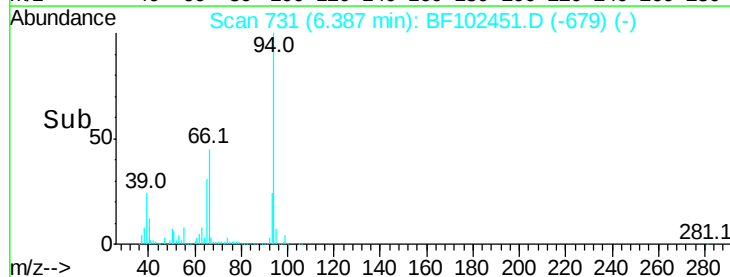
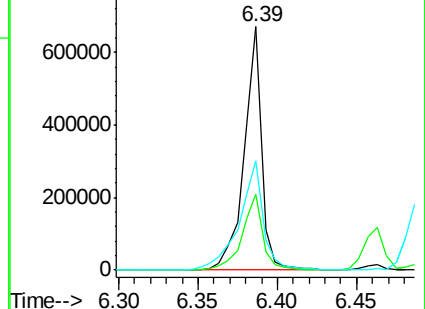
66 45.0 16.2 56.2

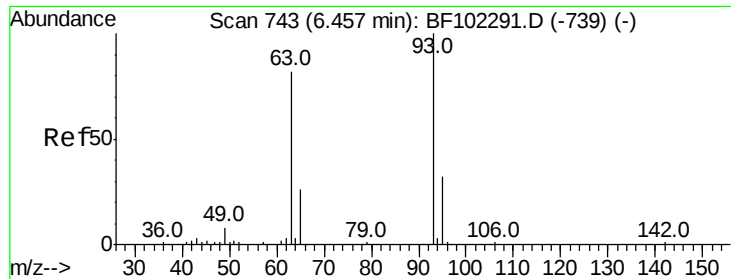


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

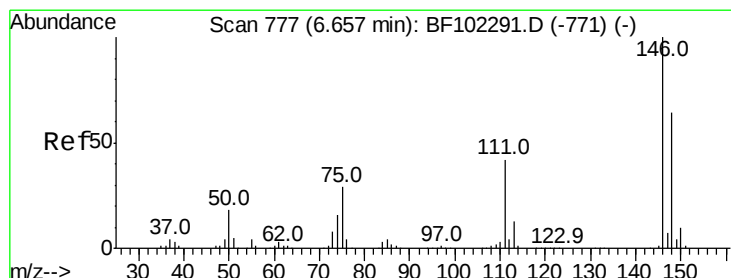
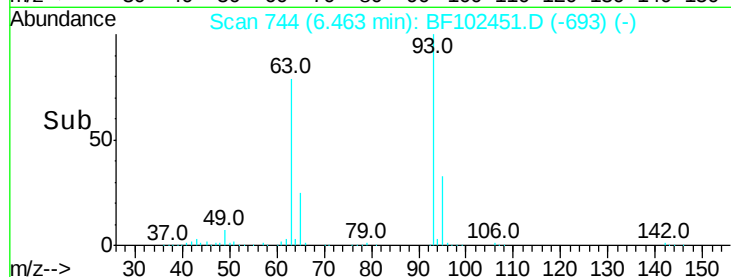
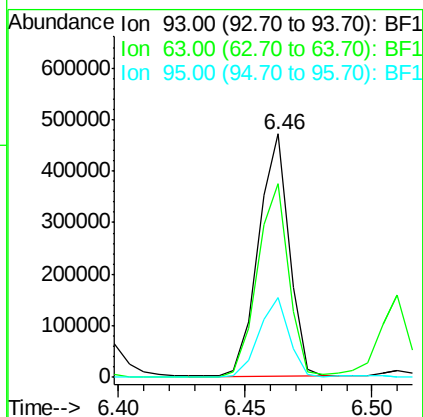
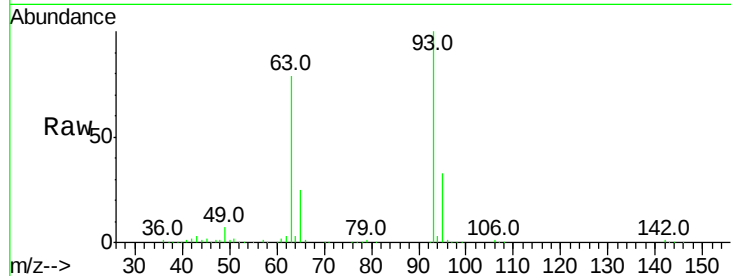




#11
bis(2-Chloroethyl)ether
Concen: 46.798 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

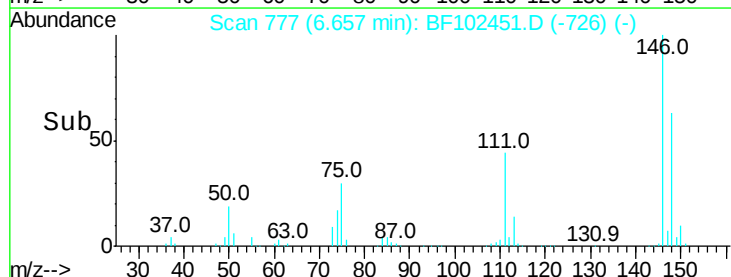
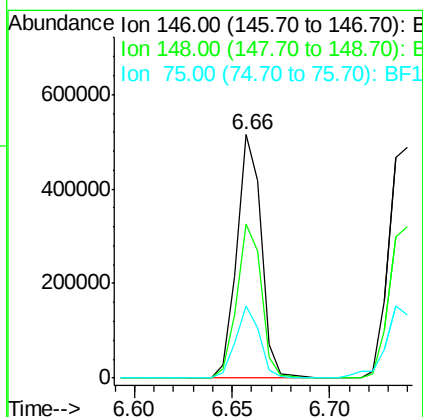
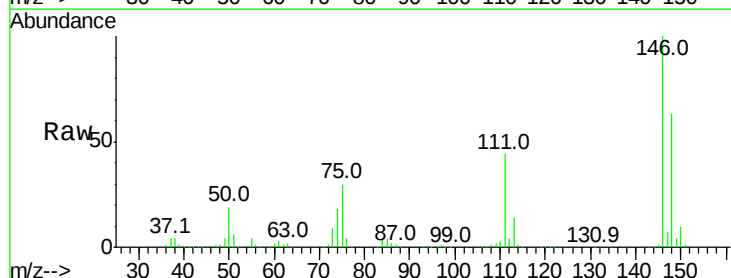
Instrument :
BNA_F
ClientSampleId :

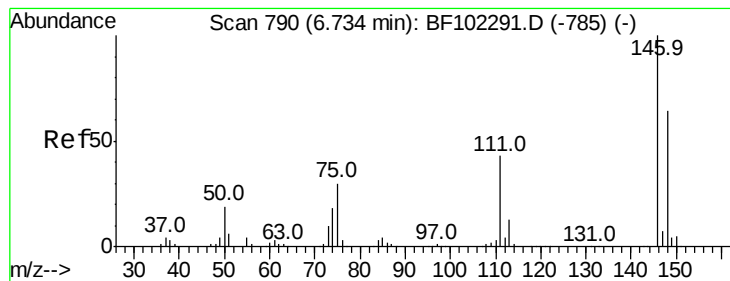
Tot Ion: 93 Resp: 397035
Ion Ratio Lower Upper
93 100
63 79.4 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.489 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion: 146 Resp: 448947
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 29.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 43.102 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

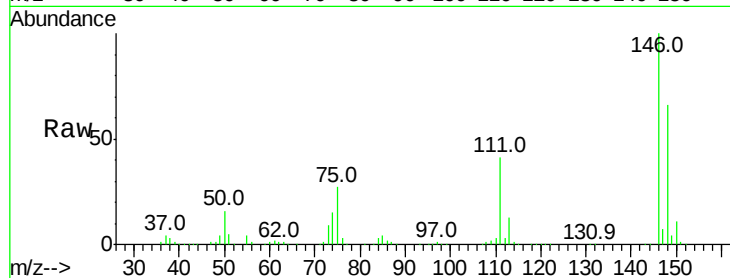
Tot Ion:146 Resp: 456203

Ion Ratio Lower Upper

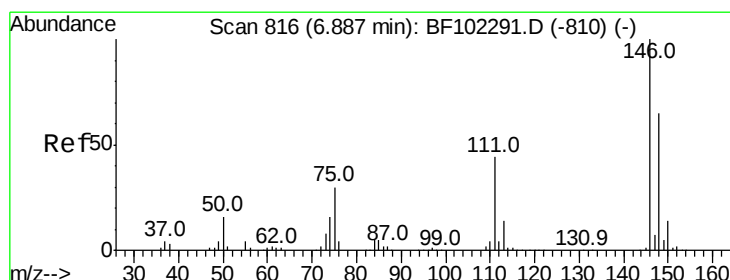
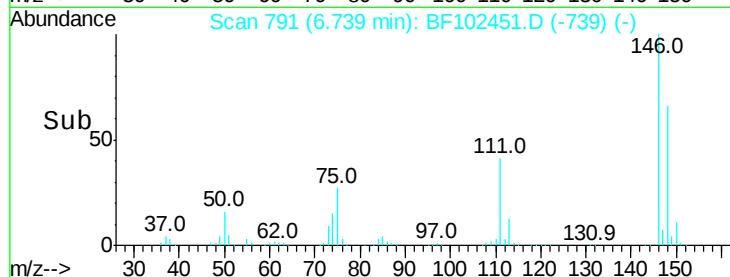
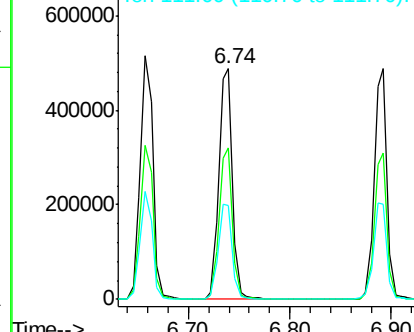
146 100

148 65.5 50.8 76.2

111 40.5 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: 43.745 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

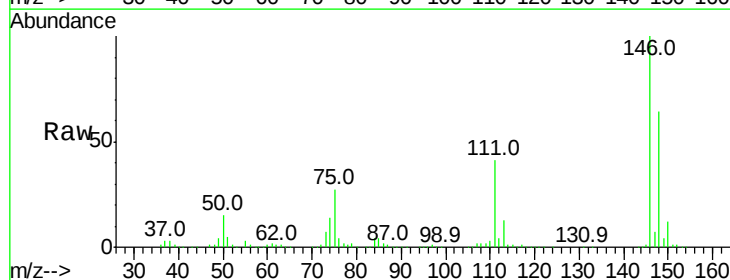
Tgt Ion:146 Resp: 423512

Ion Ratio Lower Upper

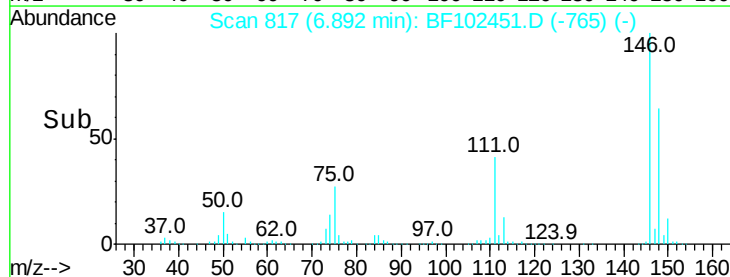
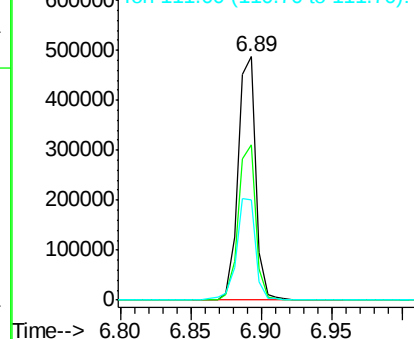
146 100

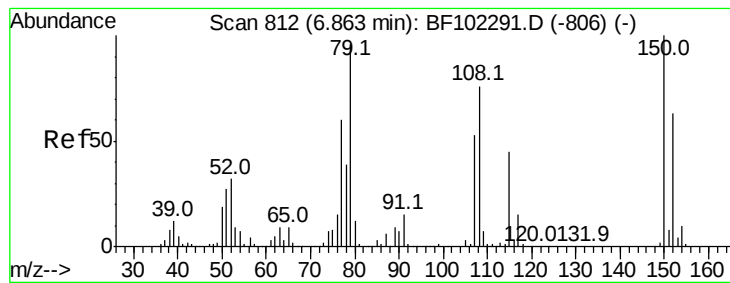
148 63.7 50.6 75.8

111 41.2 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: 44.067 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampled :

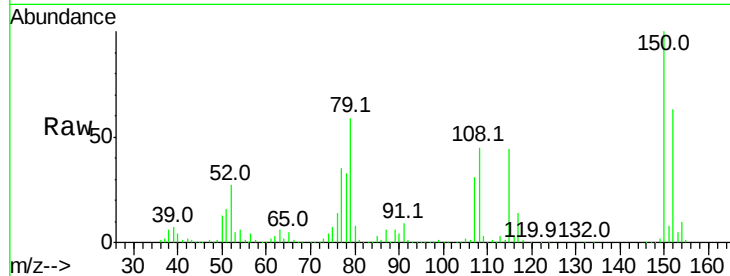
Tot Ion: 79 Resp: 317689

Ion Ratio Lower Upper

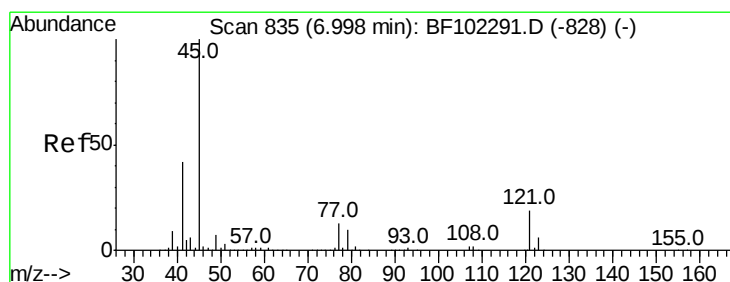
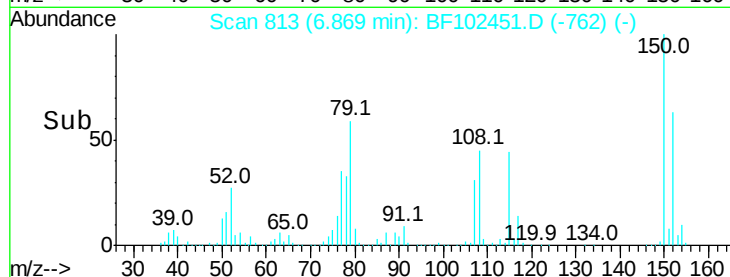
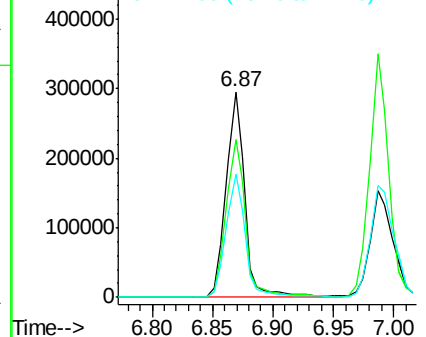
79 100

108 76.6 65.1 97.7

77 60.1 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: 43.318 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

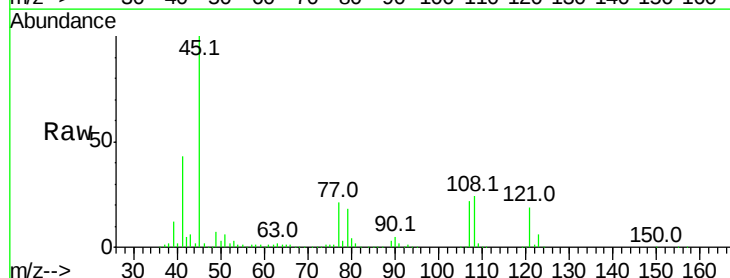
Tgt Ion: 45 Resp: 616384

Ion Ratio Lower Upper

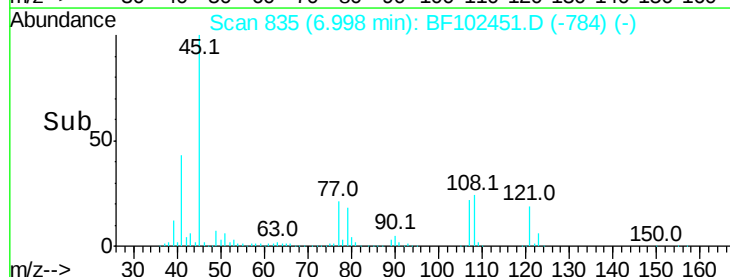
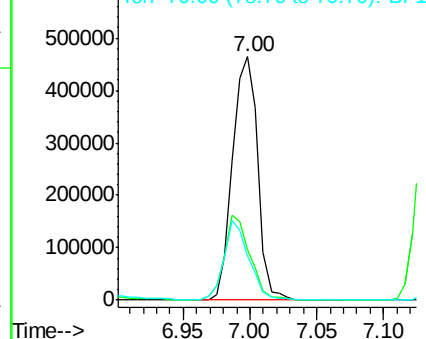
45 100

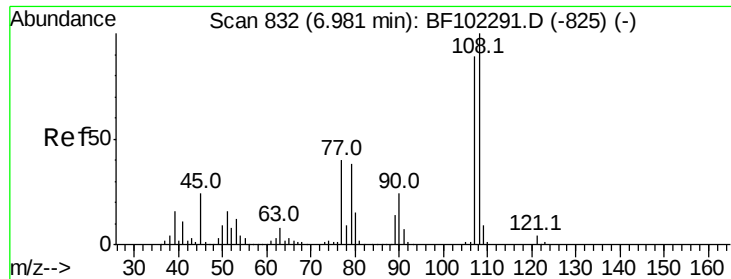
77 20.6 0.0 32.9

79 18.2 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

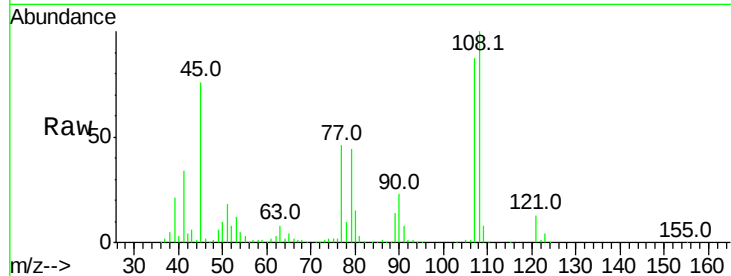




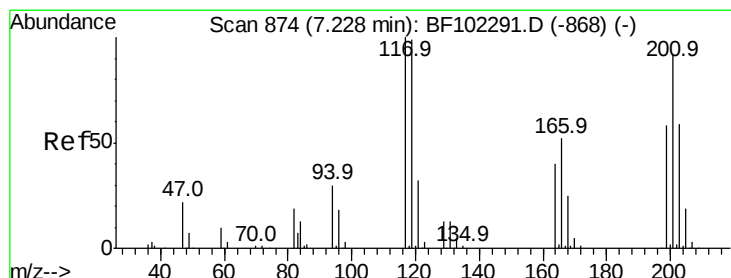
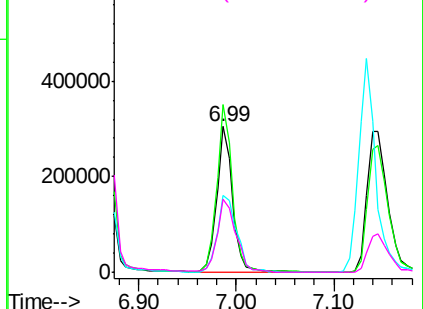
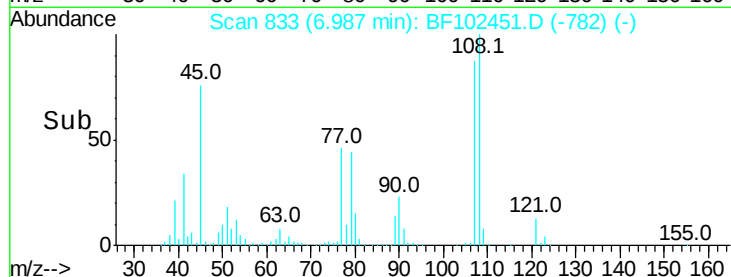
#17
2-Methylphenol
Concen: 43.929 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 338950
Ion Ratio Lower Upper
107 100
108 115.1 91.7 137.5
77 53.0 33.8 50.8#
79 50.3 33.8 50.8

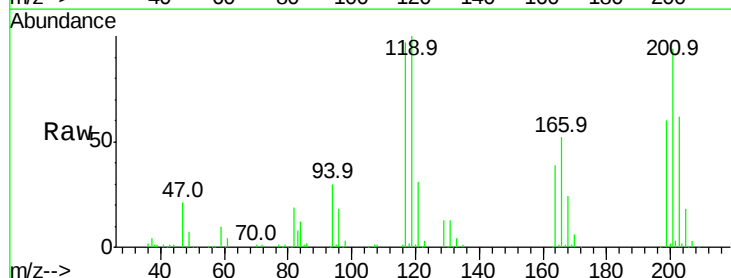


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

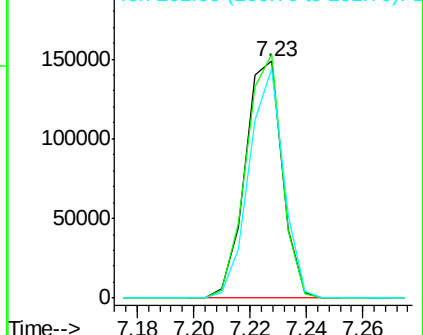
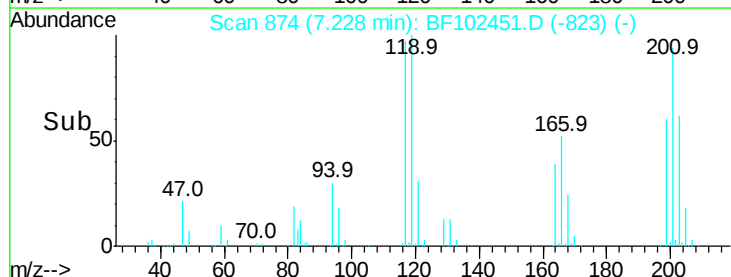


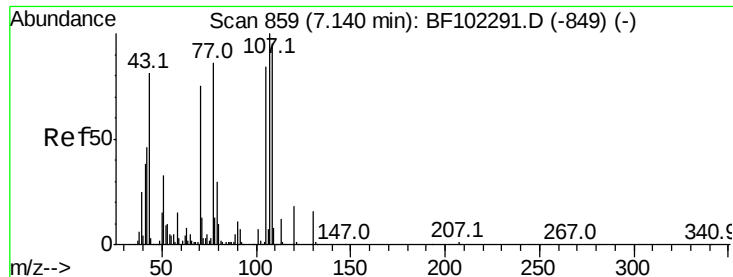
#18
Hexachloroethane
Concen: 36.889 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion:117 Resp: 136056
Ion Ratio Lower Upper
117 100
119 102.7 75.8 113.8
201 96.7 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

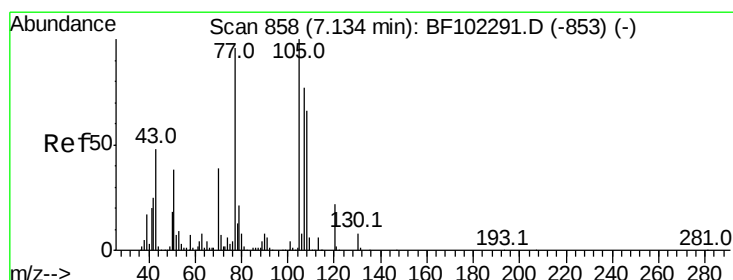
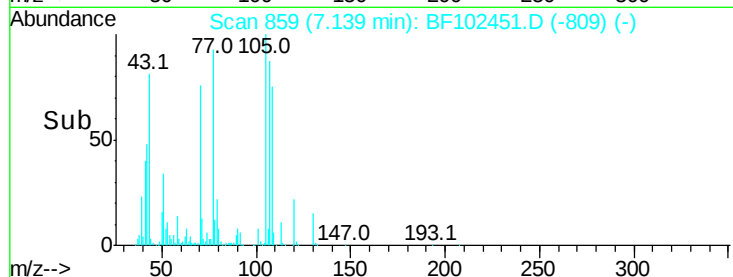
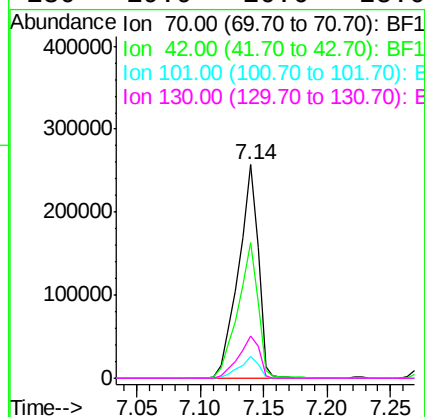
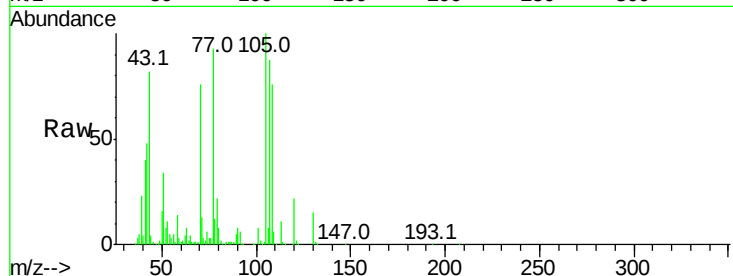




#19
n-Nitroso-di-n-propylamine
Concen: 44.353 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

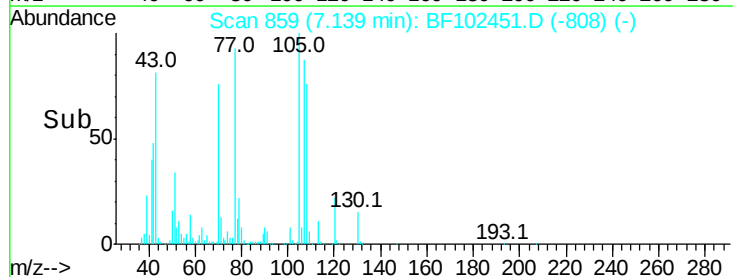
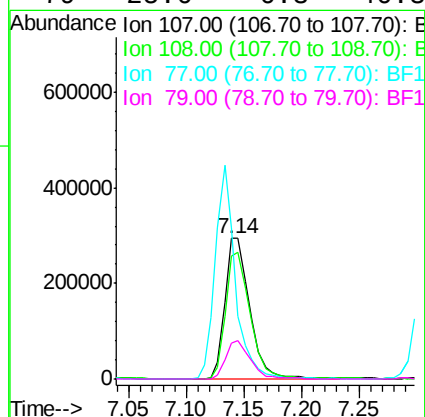
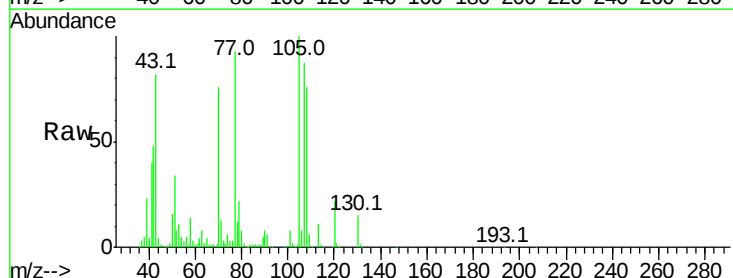
Instrument :
BNA_F
ClientSampleId :

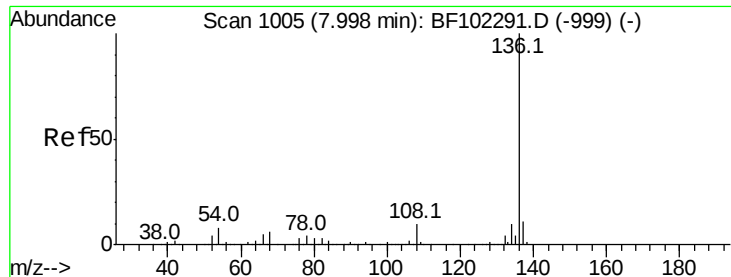
Tot Ion:	70	Resp:	277339
Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.5	71.3
101	10.0	7.4	11.2
130	19.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 47.868 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion:	107	Resp:	434387
Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	107.8	26.7	66.7#
79	25.6	6.3	46.3

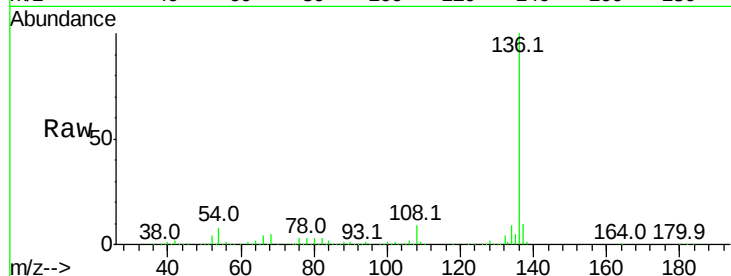




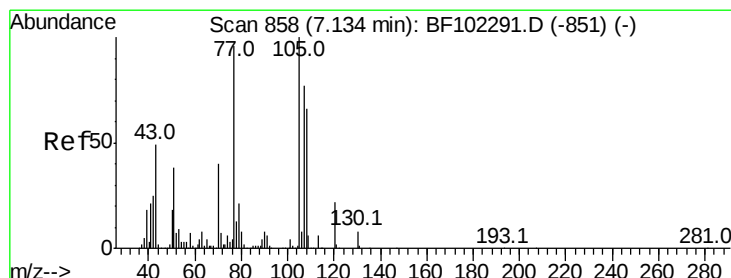
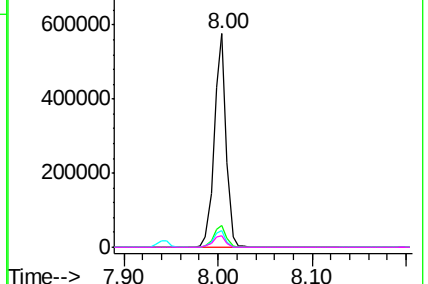
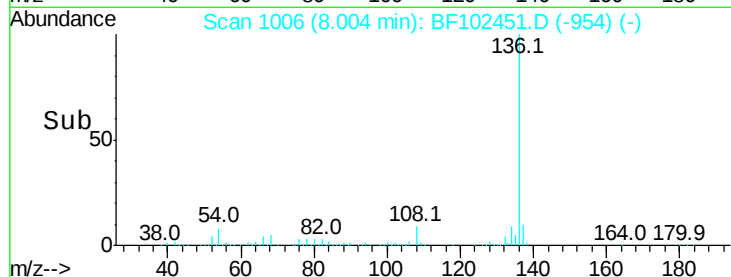
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	514276
Ion Ratio	Lower	Upper
136 100		
137 10.2	8.9	13.3
54 7.9	6.6	9.8
68 5.1	5.0	7.4

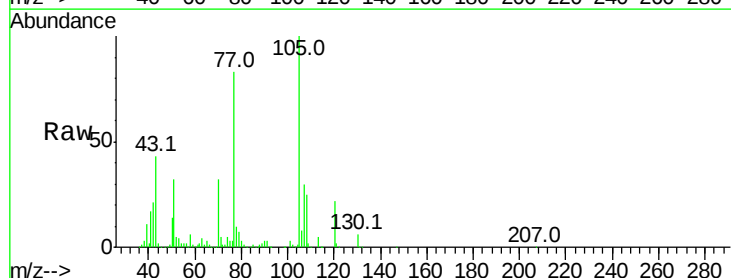


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

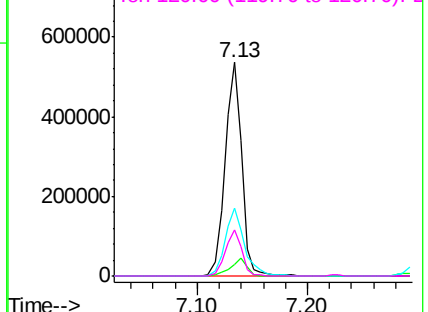
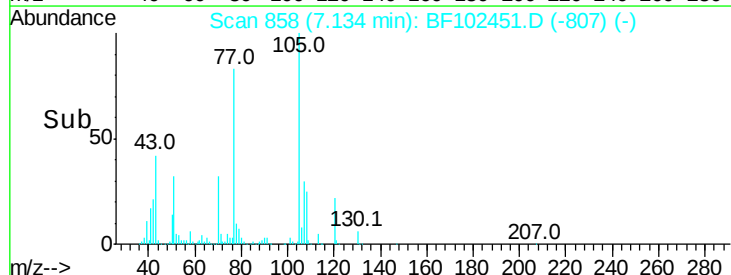


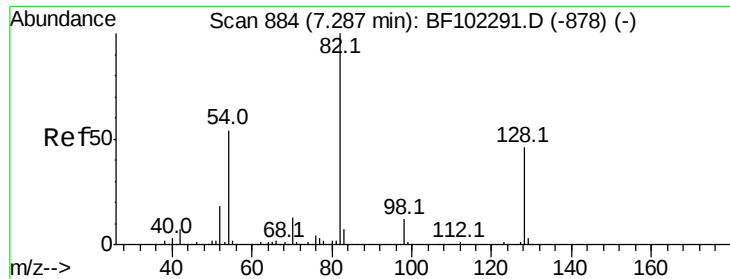
#22
Acetophenone
Concen: 46.024 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion:105	Resp:	564226
Ion Ratio	Lower	Upper
105 100		
71 5.2	4.4	6.6
51 31.8	22.3	33.5
120 21.6	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

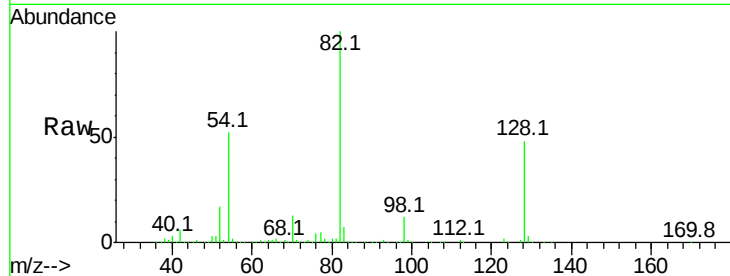




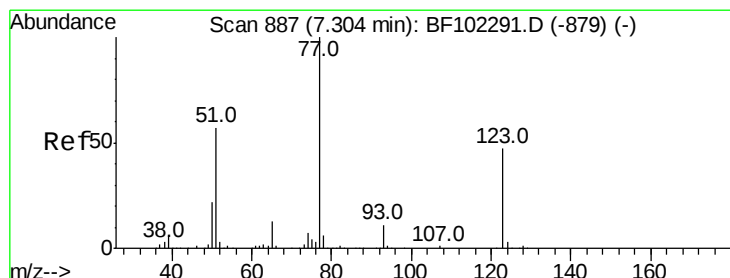
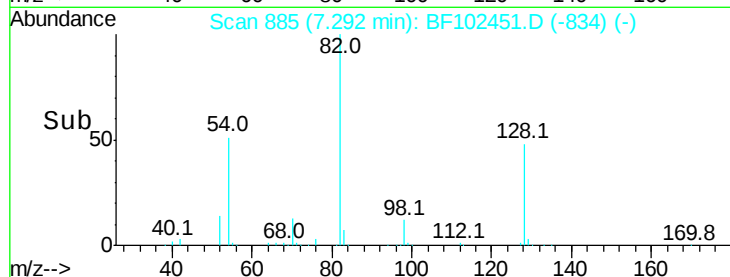
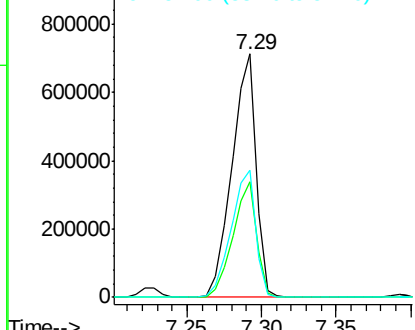
#23
 Nitrobenzene-d5
 Concen: 90.604 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 810821
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.1 54.1
 54 52.0 41.4 62.2

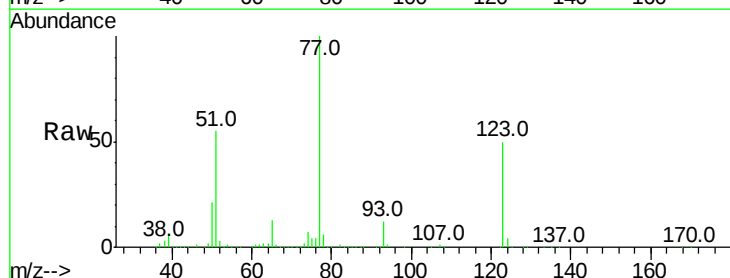


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

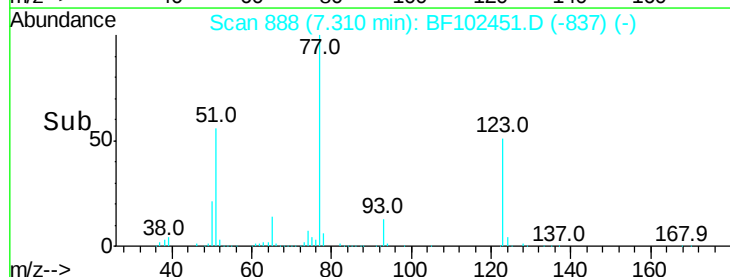
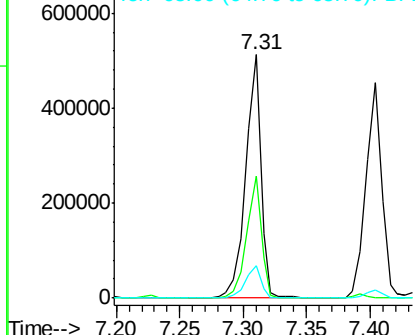


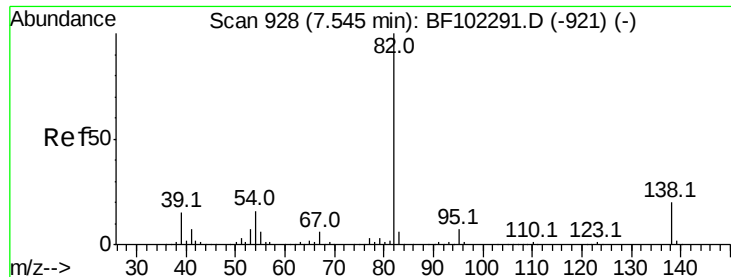
#24
 Nitrobenzene
 Concen: 46.176 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion: 77 Resp: 422892
 Ion Ratio Lower Upper
 77 100
 123 50.3 37.9 56.9
 65 13.5 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: 47.439 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

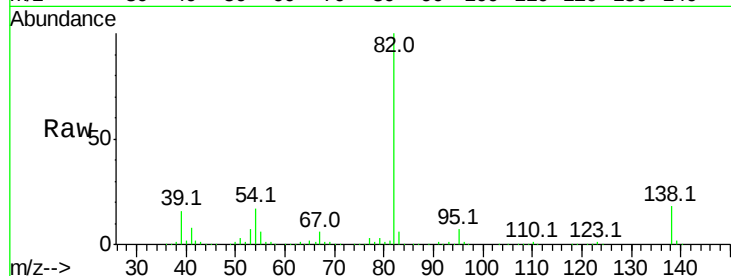
Tot Ion: 82 Resp: 756835

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

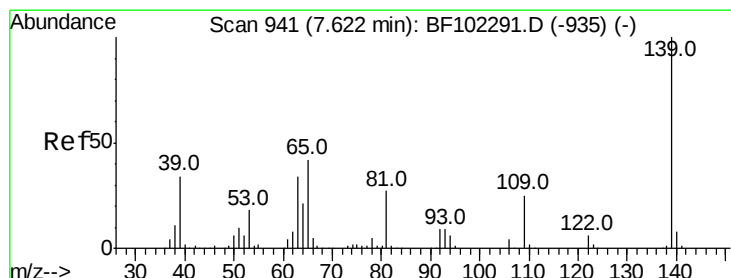
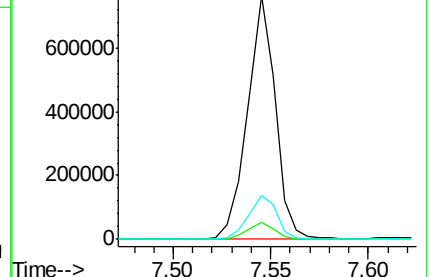
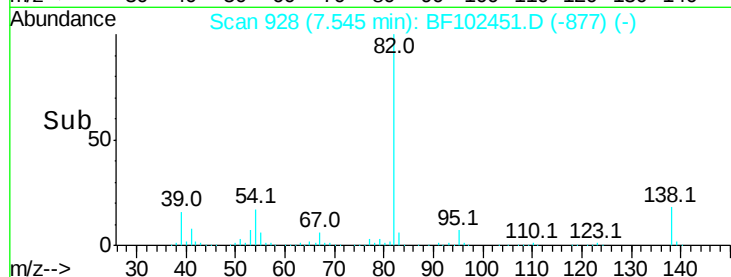
138 18.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 37.014 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

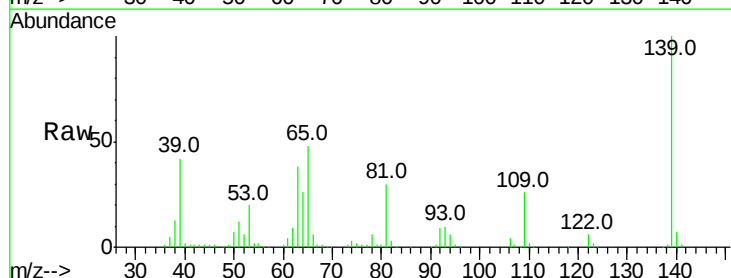
Tgt Ion: 139 Resp: 178411

Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

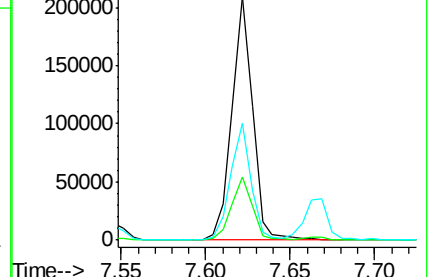
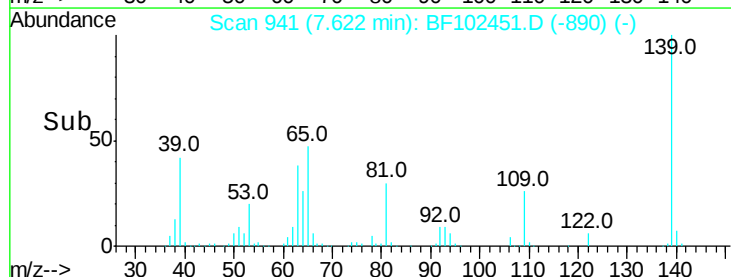
65 48.0 40.5 60.7

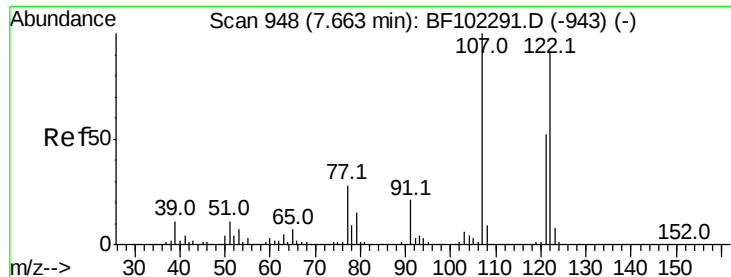


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 52.130 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampled :

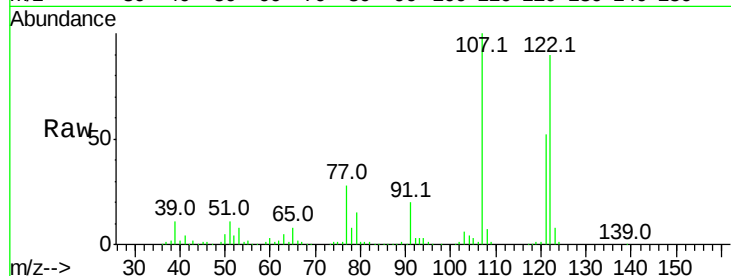
Tot Ion:122 Resp: 364857

Ion Ratio Lower Upper

122 100

107 110.6 91.2 136.8

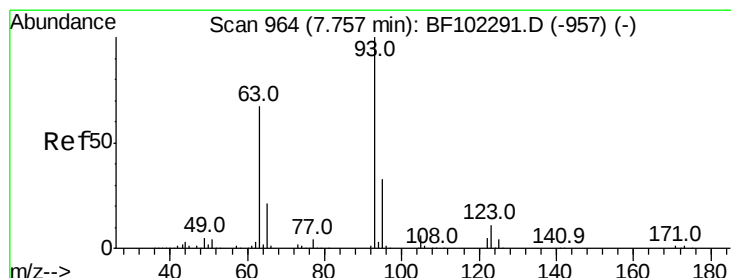
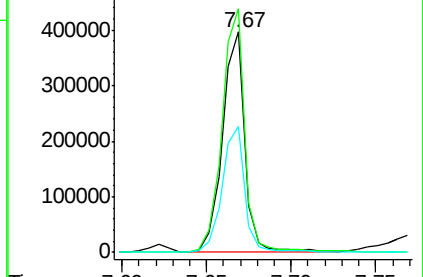
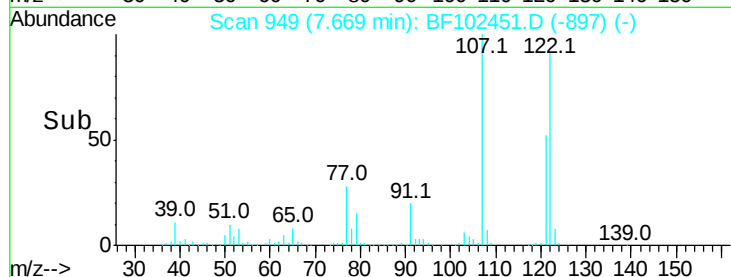
121 57.1 47.2 70.8



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: 50.013 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

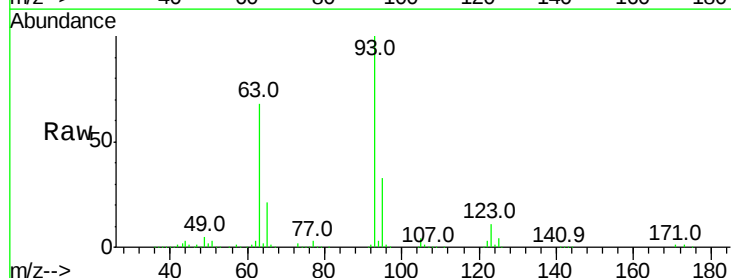
Tgt Ion: 93 Resp: 492891

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

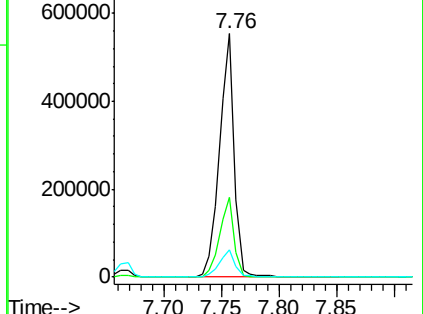
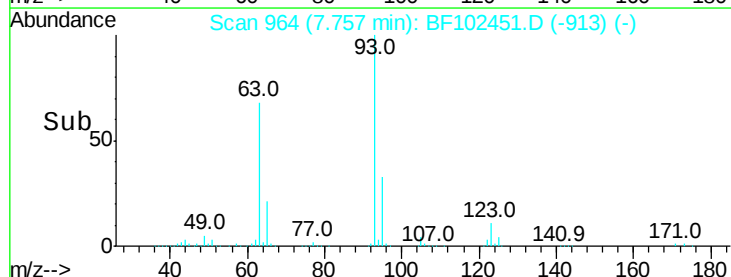
123 11.1 9.8 14.6

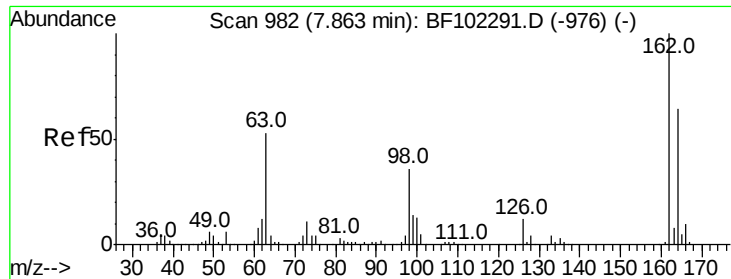


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

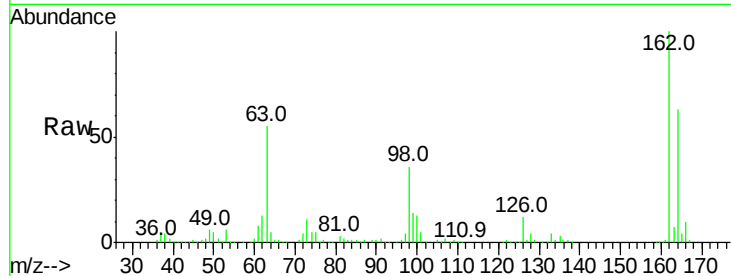




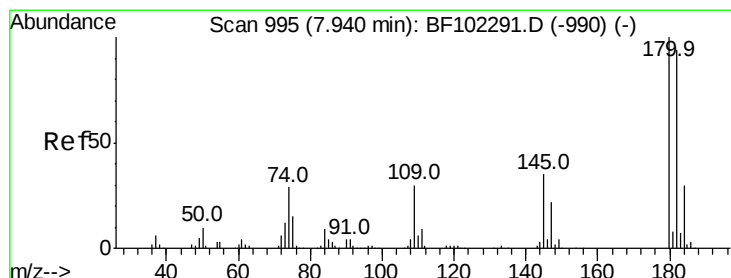
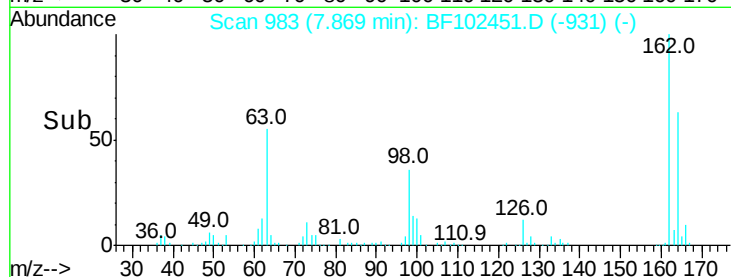
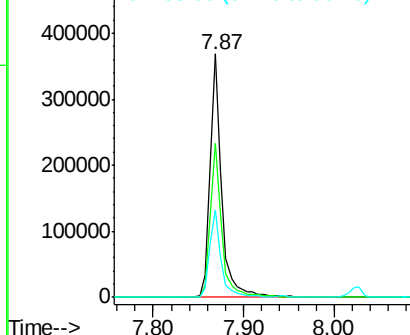
#29
 2,4-Dichlorophenol
 Concen: 47.394 ng
 RT: 7.87 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.7	82.7
98	35.8	18.1	58.1

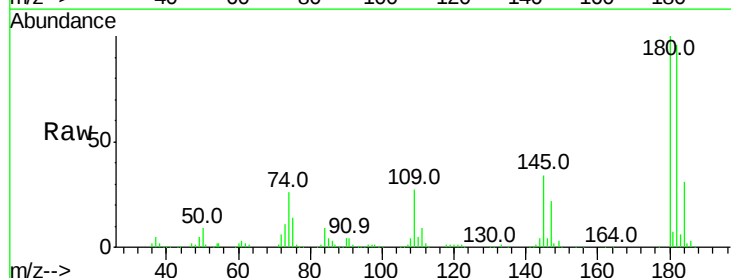


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

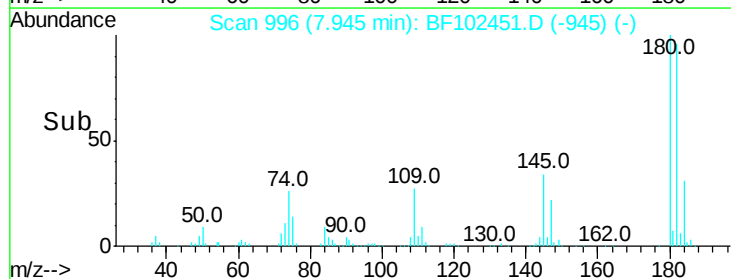
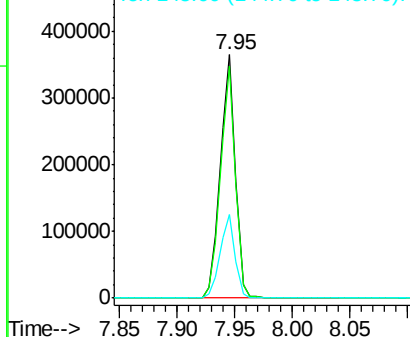


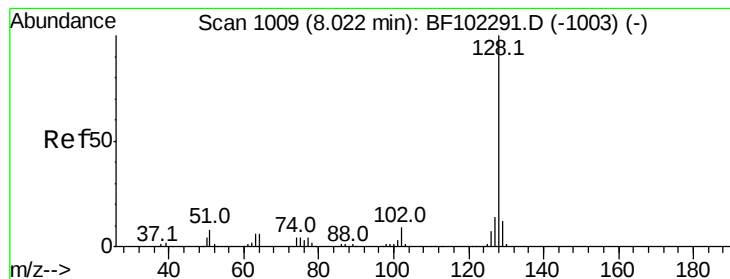
#30
 1,2,4-Trichlorobenzene
 Concen: 43.404 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	34.1	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: 44.827 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

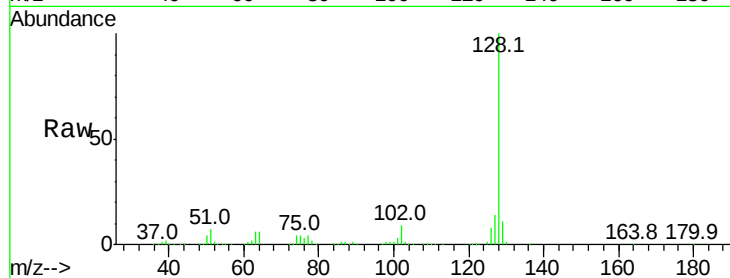
Tot Ion:128 Resp: 1151013

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

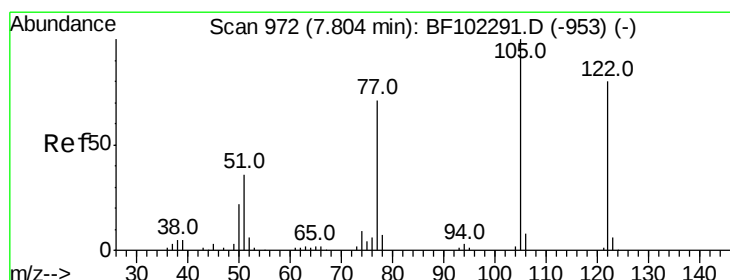
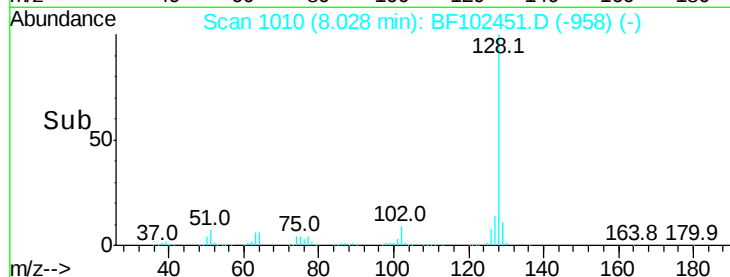
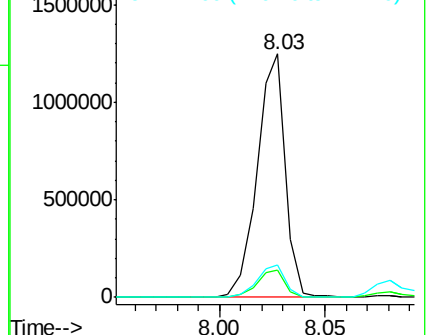
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.639 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.05 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

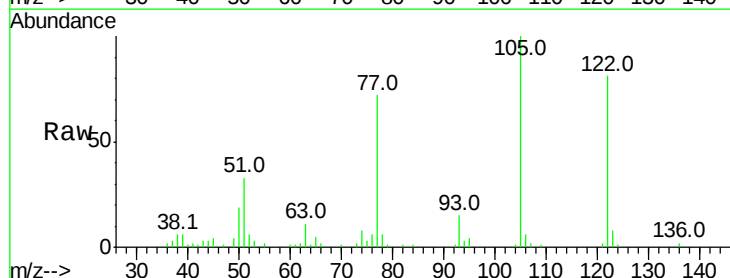
Tgt Ion:122 Resp: 50660

Ion Ratio Lower Upper

122 100

105 124.1 101.1 141.1

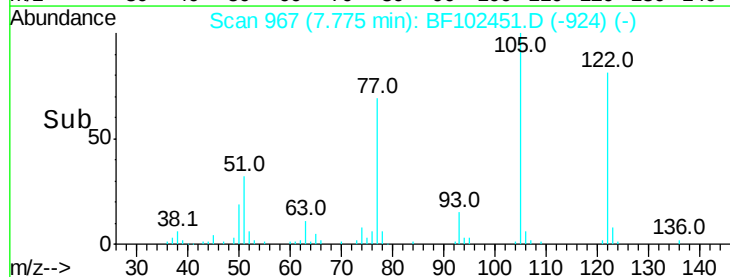
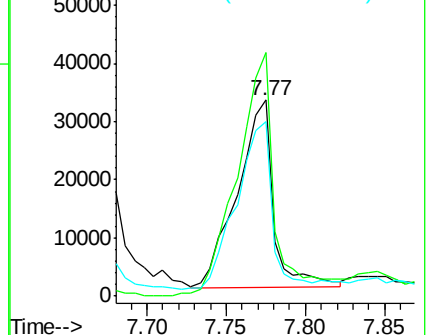
77 89.0 70.7 110.7

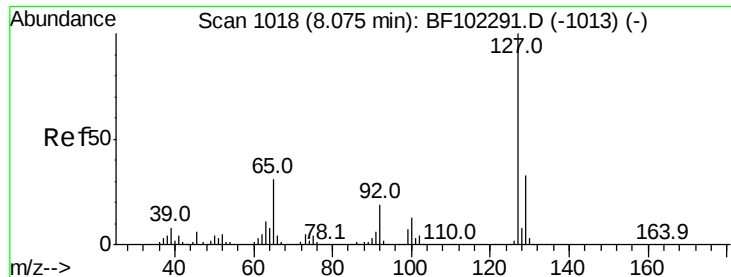


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

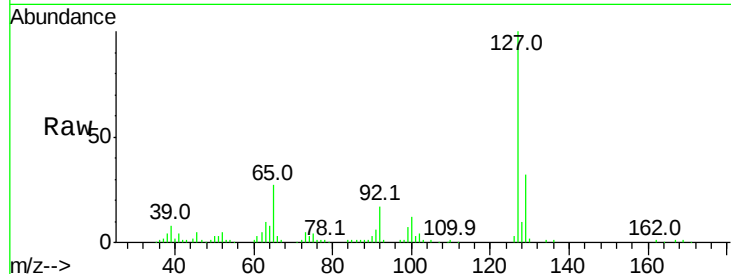




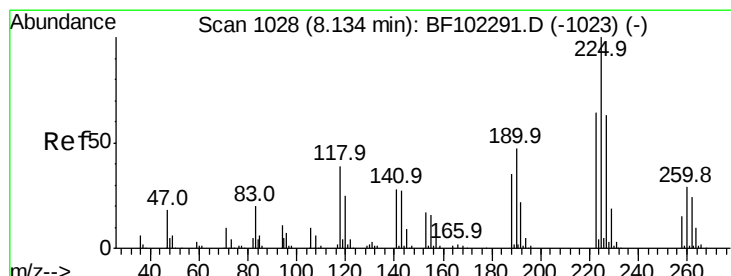
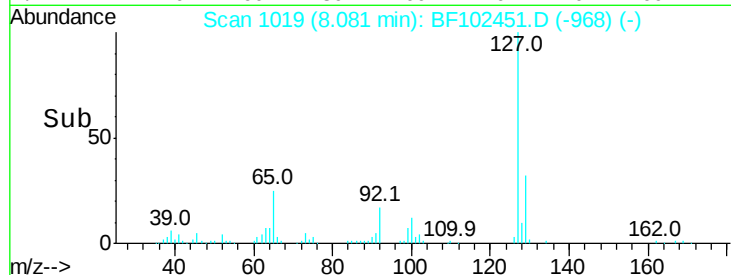
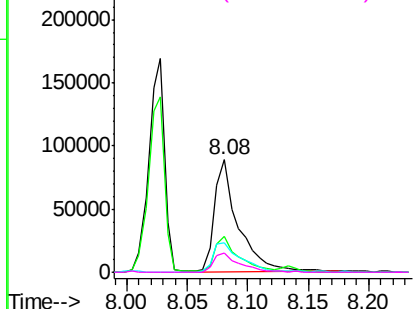
#33
4-Chloroaniline
Concen: 11.092 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	119764
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	26.6	25.0	37.4
92	16.7	15.2	22.8

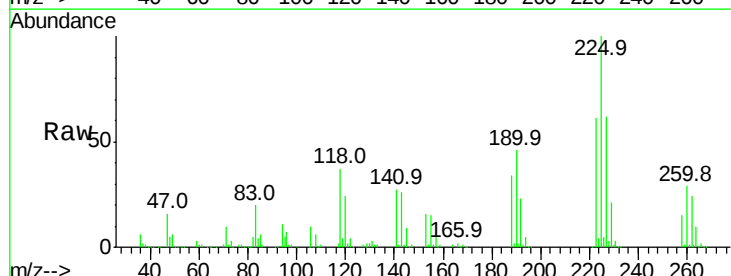


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

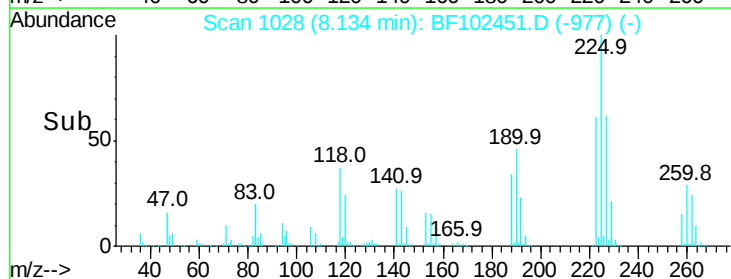
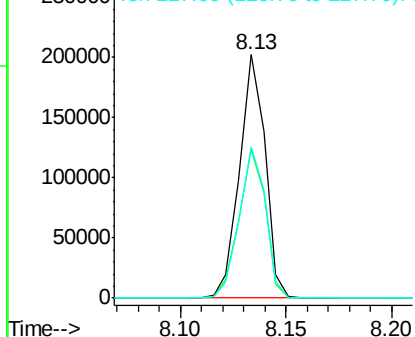


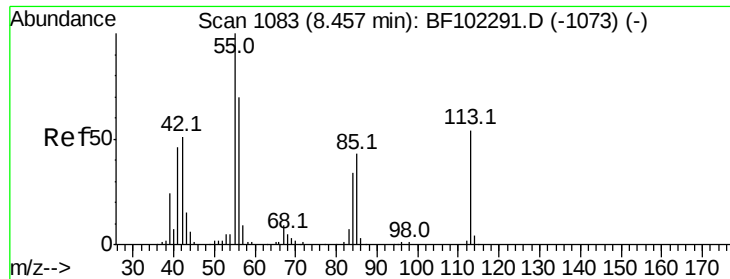
#34
Hexachlorobutadiene
Concen: 41.718 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion:	225	Resp:	170281
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.6	76.0
227	62.2	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

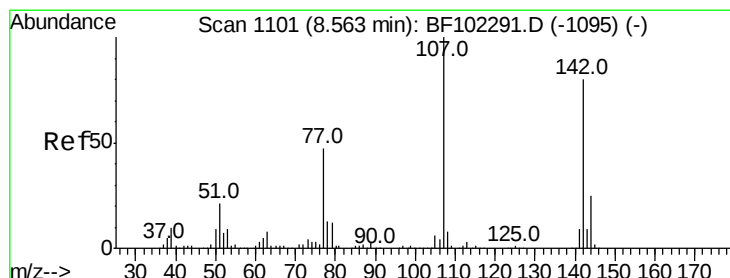
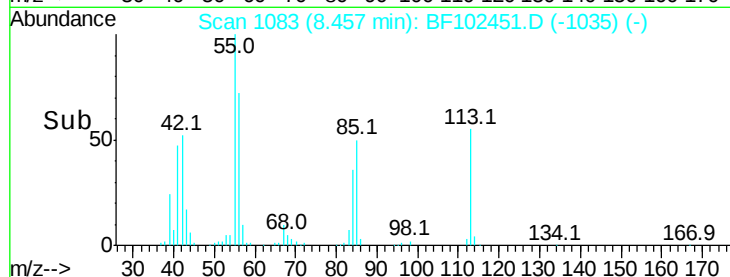
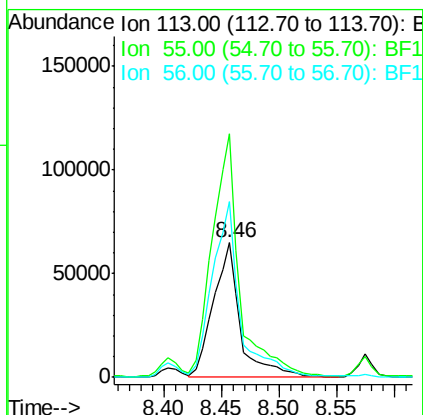
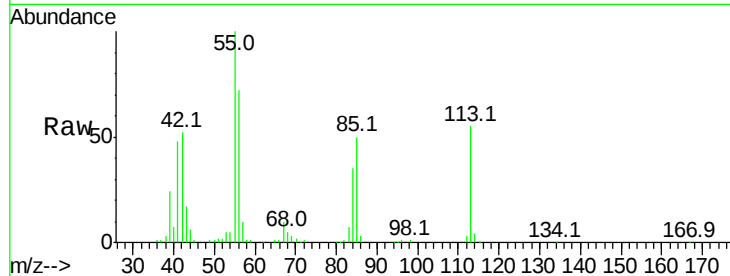




#35
 Caprolactam
 Concen: 45.278 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

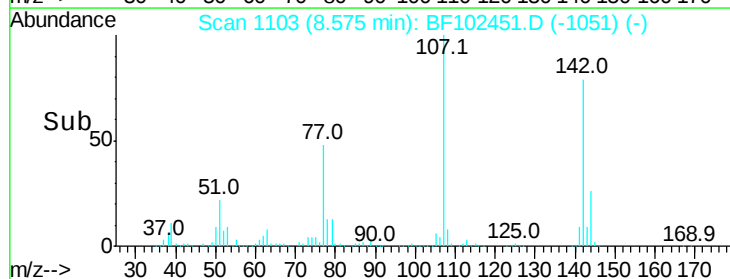
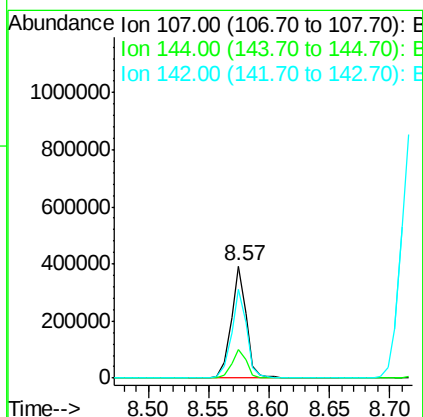
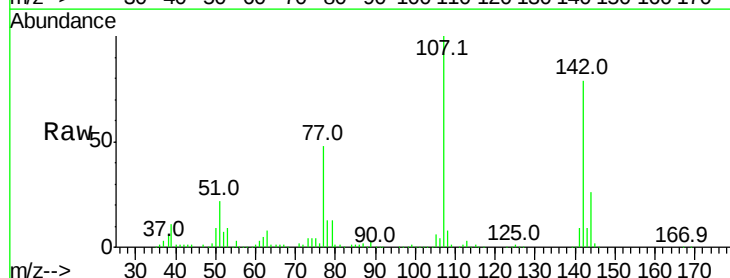
Instrument :
 BNA_F
 ClientSampleId :

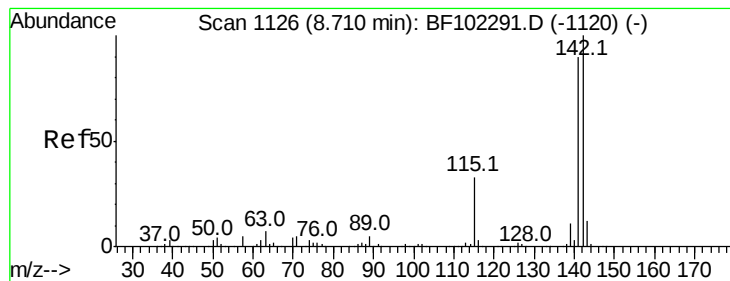
Tot Ion:113 Resp: 106609
 Ion Ratio Lower Upper
 113 100
 55 181.1 163.3 203.3
 56 130.9 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.661 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion:107 Resp: 343134
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 78.9 62.0 93.0





#37

2-Methylnaphthalene

Concen: 44.290 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampled :

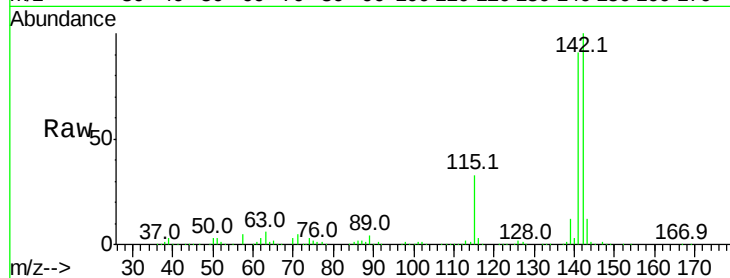
Tot Ion:142 Resp: 757361

Ion Ratio Lower Upper

142 100

141 90.8 70.8 106.2

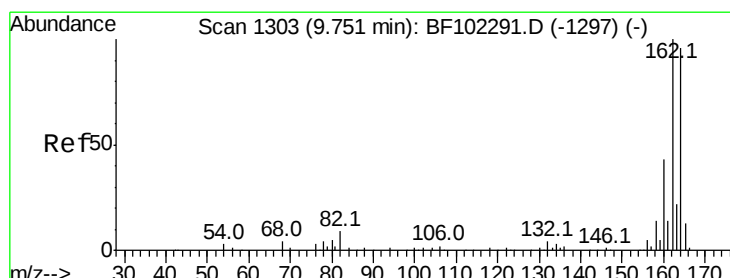
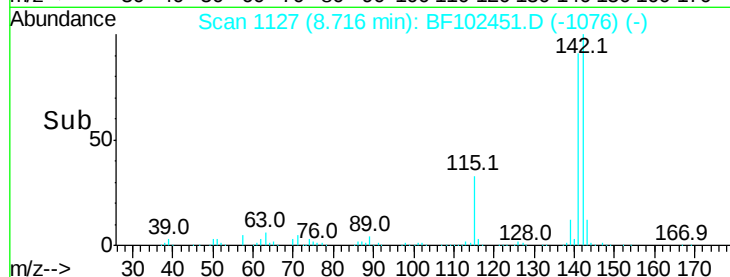
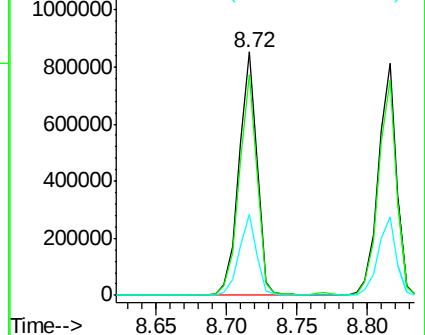
115 33.1 26.1 39.1



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: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

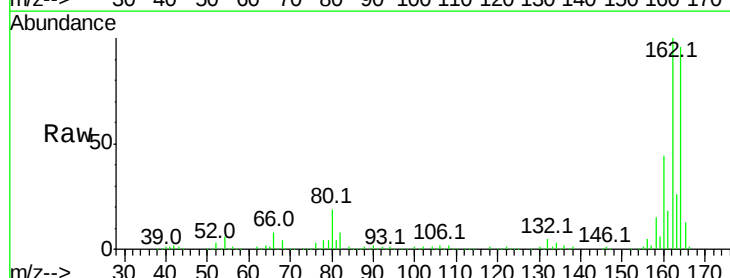
Tgt Ion:164 Resp: 214361

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

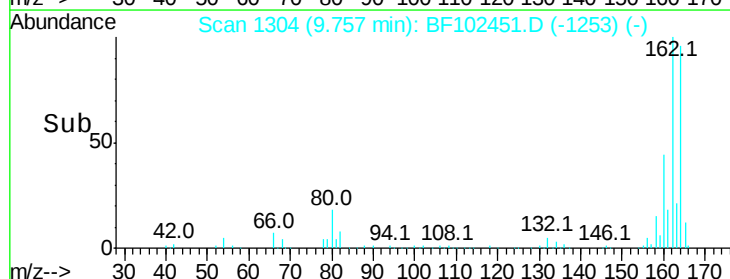
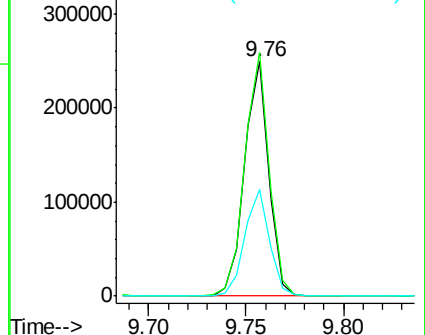
160 45.6 38.3 57.5

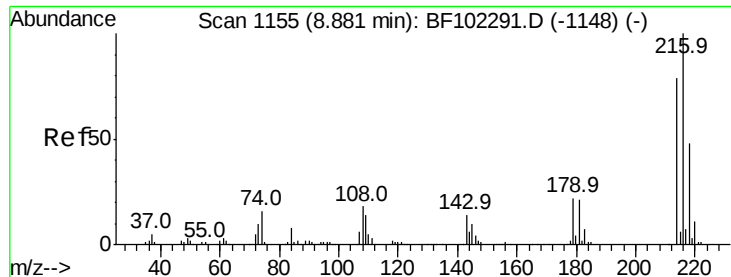


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

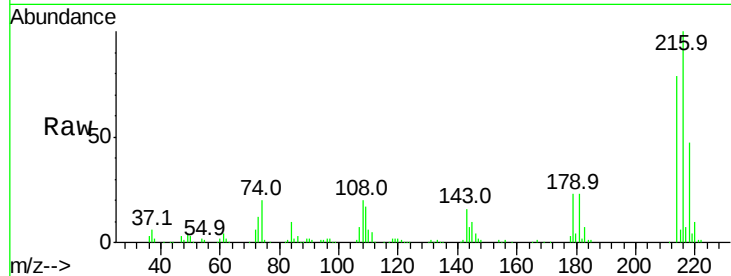




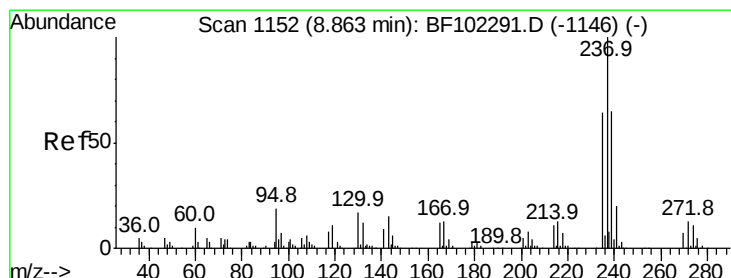
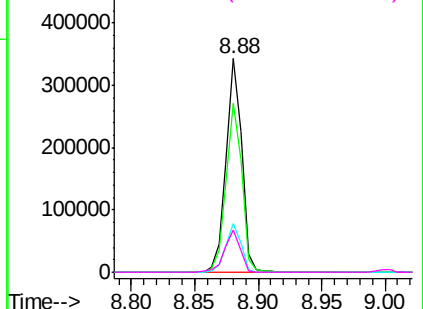
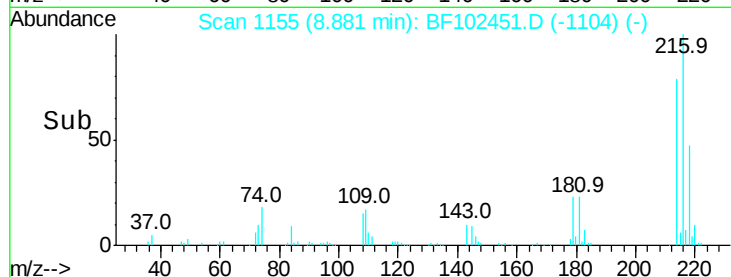
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.846 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	295672
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	22.4	18.1	27.1
108	19.8	17.2	25.8

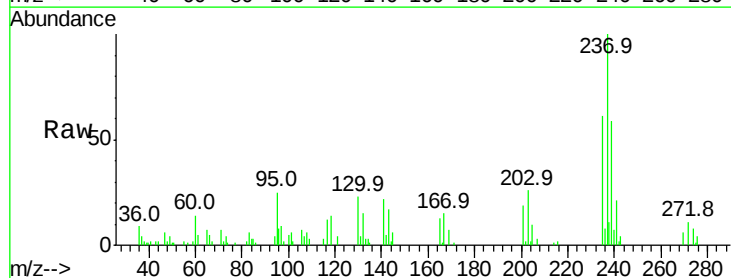


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

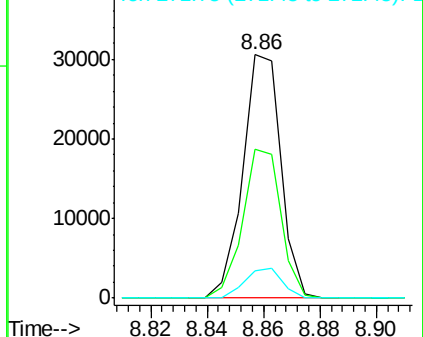
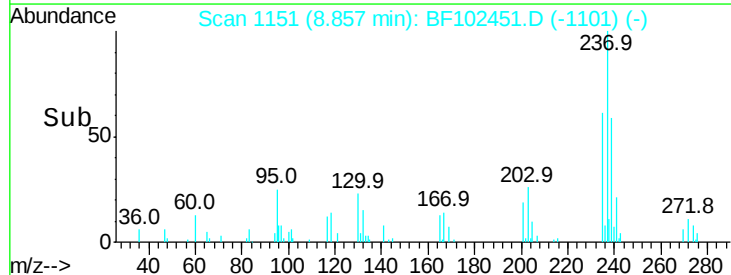


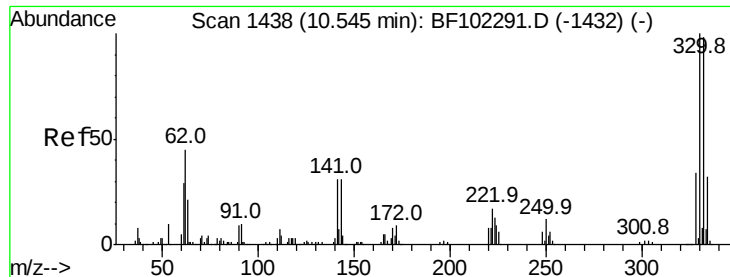
#40
 Hexachlorocyclopentadiene
 Concen: 9.918 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion:	237	Resp:	28624
Ion	Ratio	Lower	Upper
237	100		
235	61.3	44.8	84.8
272	11.4	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

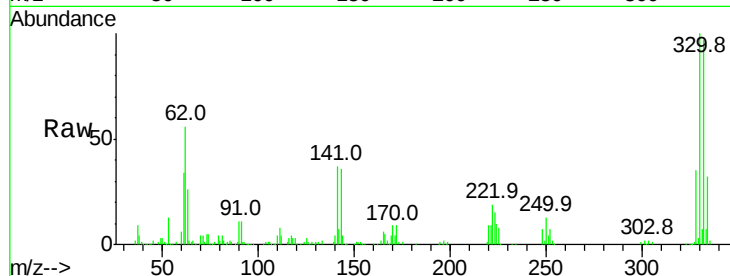




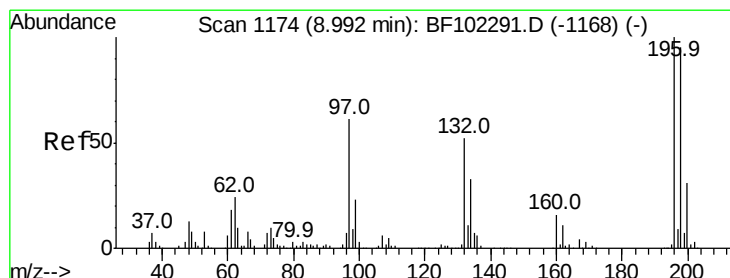
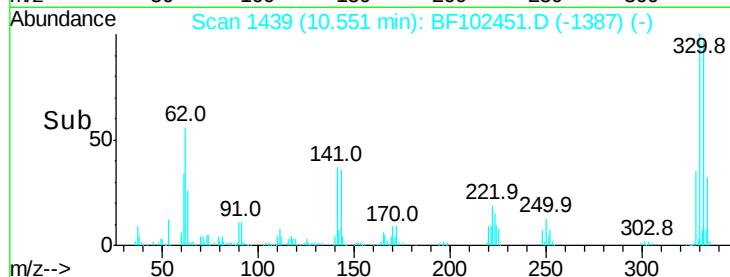
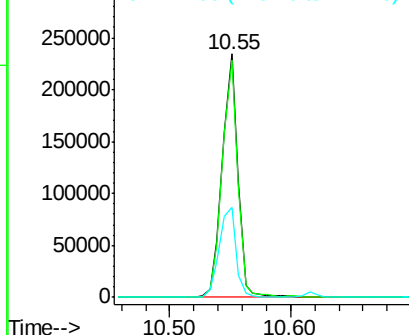
#41
 2,4,6-Tribromophenol
 Concen: 99.246 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 210799
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 39.8 29.9 44.9

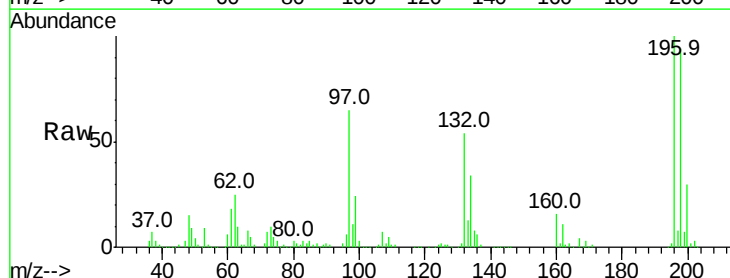


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

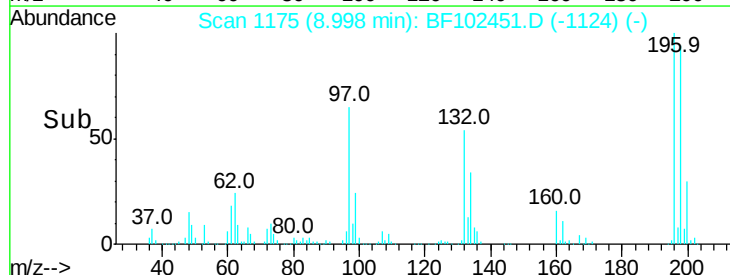
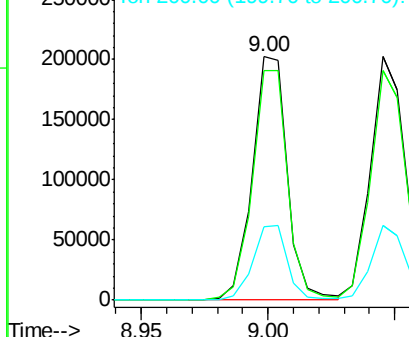


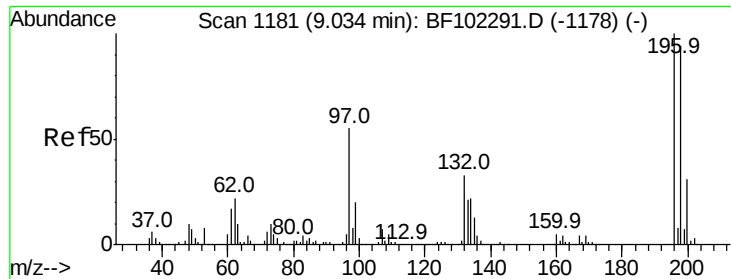
#42
 2,4,6-Trichlorophenol
 Concen: 45.286 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion:196 Resp: 195513
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 29.9 24.5 36.7



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

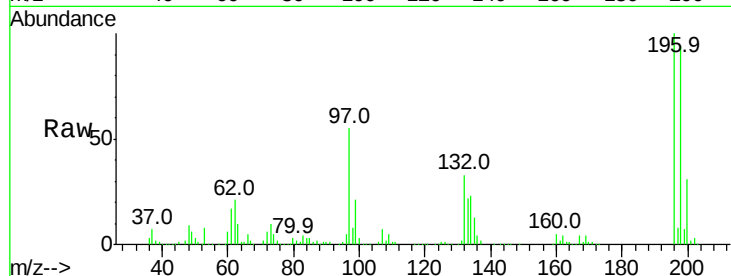




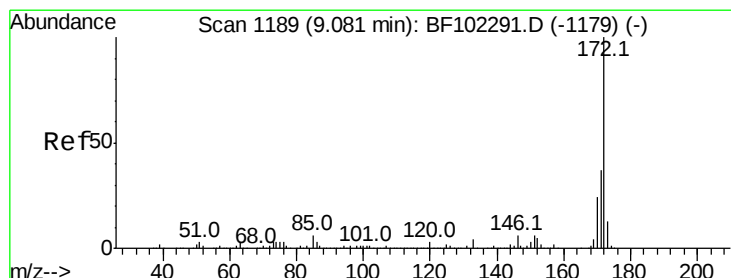
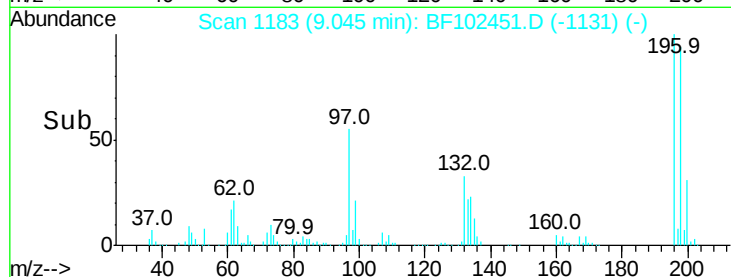
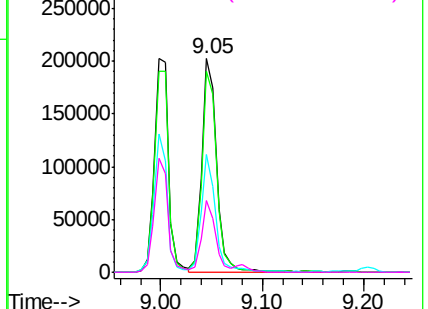
#43
 2,4,5-Trichlorophenol
 Concen: 42.500 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 206590
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.6 112.0
 97 55.1 42.9 64.3
 132 33.5 26.3 39.5

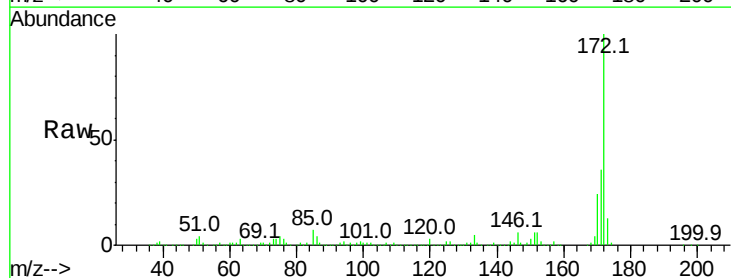


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

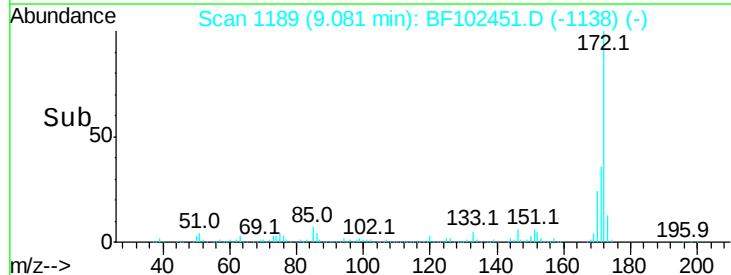
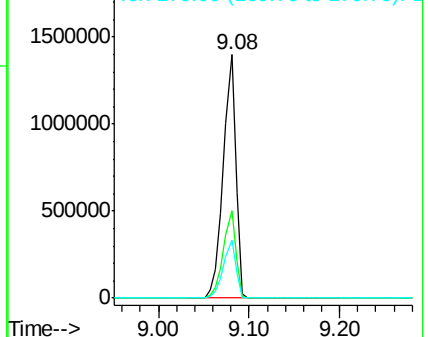


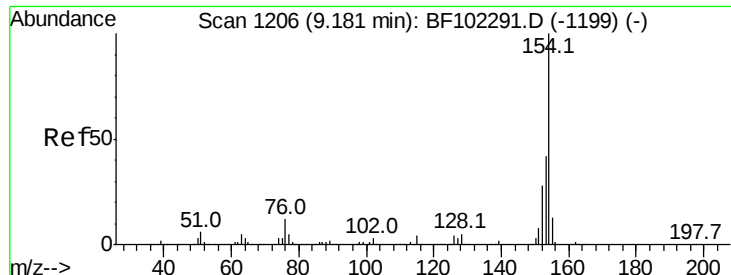
#44
 2-Fluorobiphenyl
 Concen: 91.050 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion:172 Resp: 1327405
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.1 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

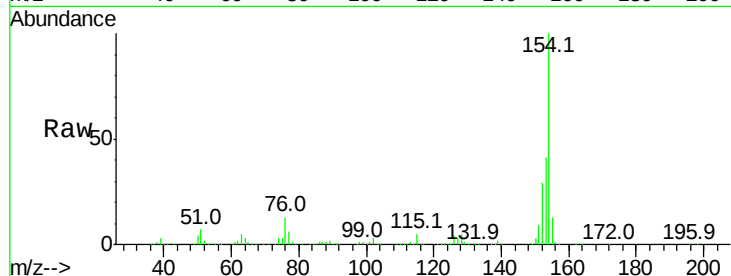




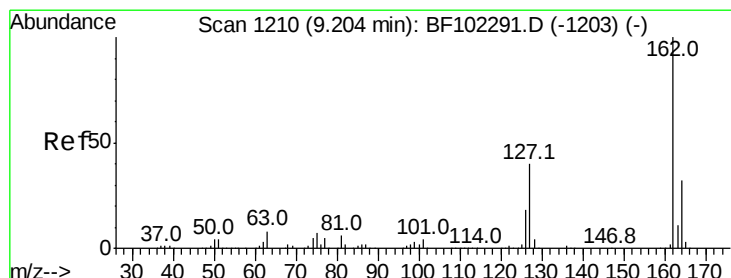
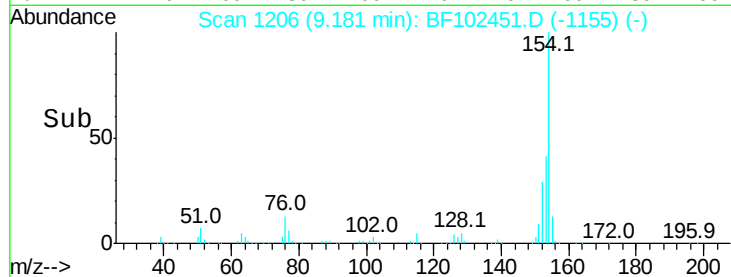
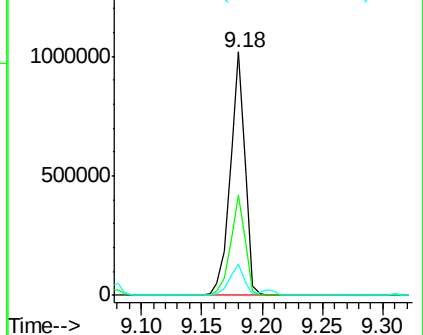
#45
 1,1'-Biphenyl
 Concen: 44.950 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 861571
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 12.8 0.0 34.0

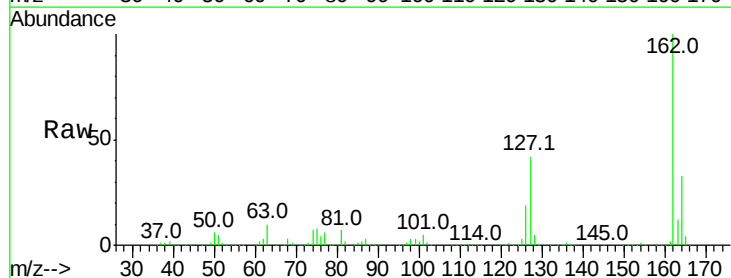


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

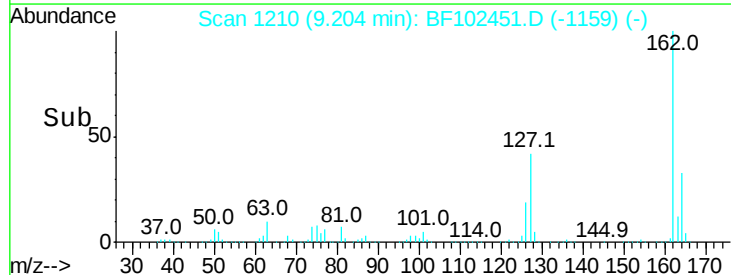
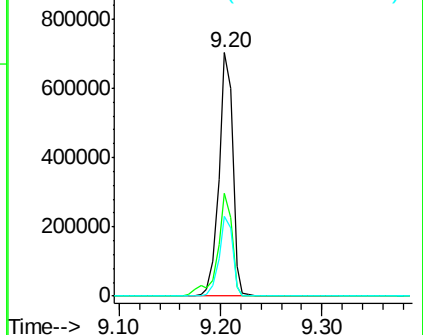


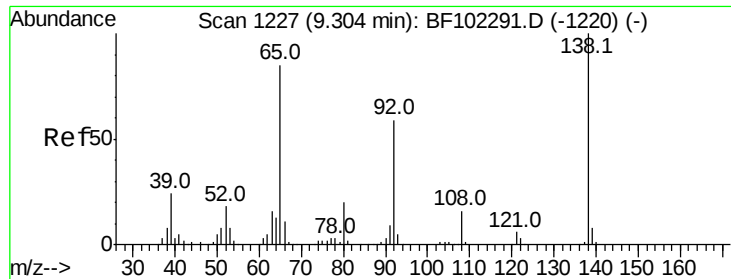
#46
 2-Chloronaphthalene
 Concen: 44.498 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion:162 Resp: 662961
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.9 50.9
 164 33.0 26.5 39.7



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

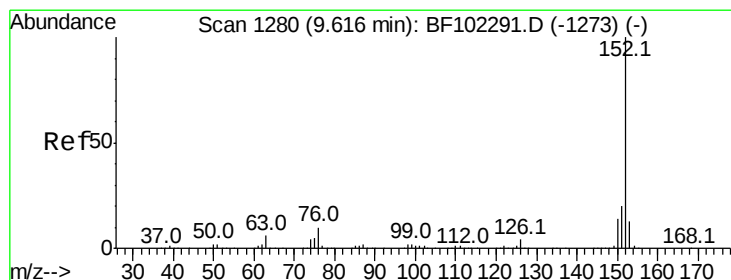
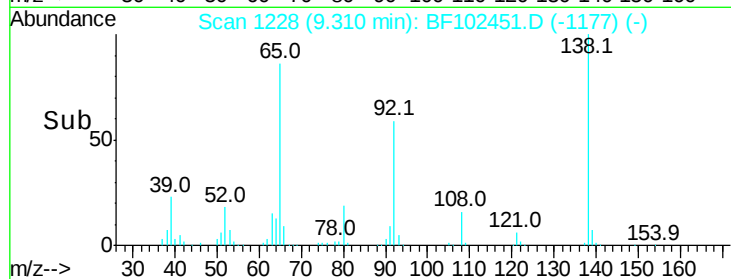
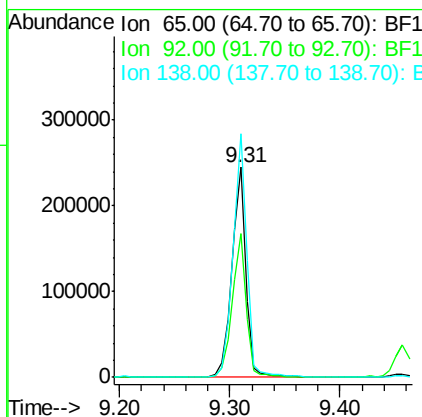
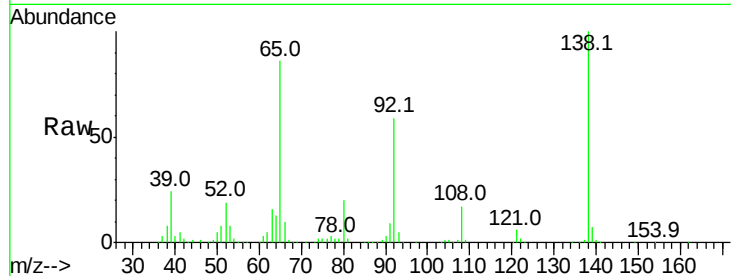




#47
 2-Nitroaniline
 Concen: 47.741 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

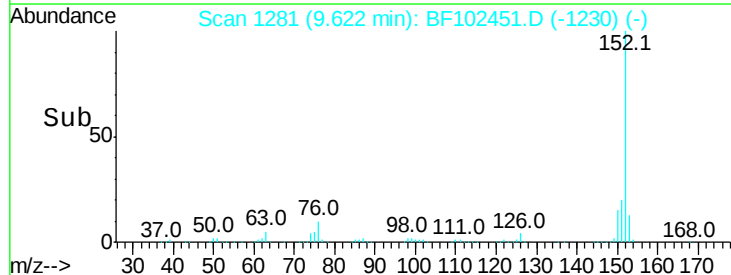
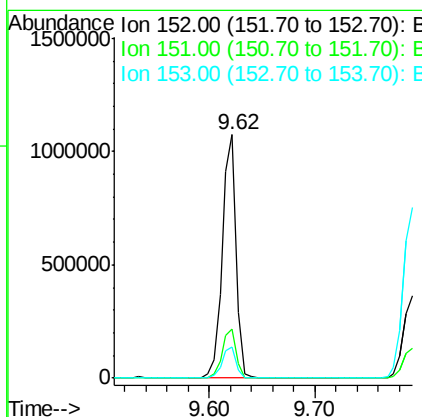
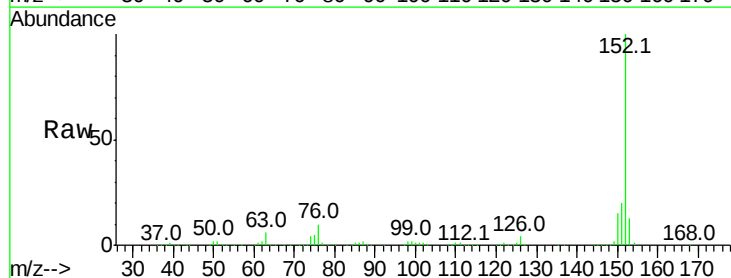
Instrument :
 BNA_F
 ClientSampleId :

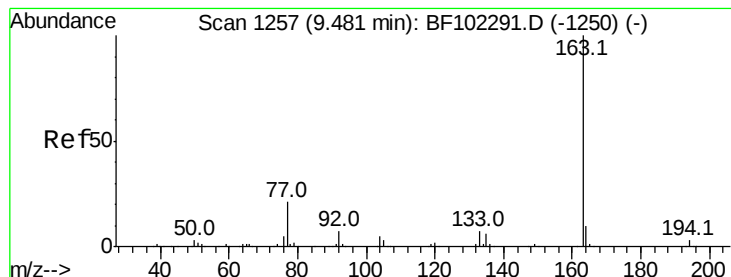
Tot Ion	Ratio	Lower	Upper
65	100		
92	68.5	55.8	83.6
138	115.9	91.2	136.8



#48
 Acenaphthylene
 Concen: 42.415 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.0	10.7	16.1





#49

Dimethylphthalate

Concen: 50.836 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

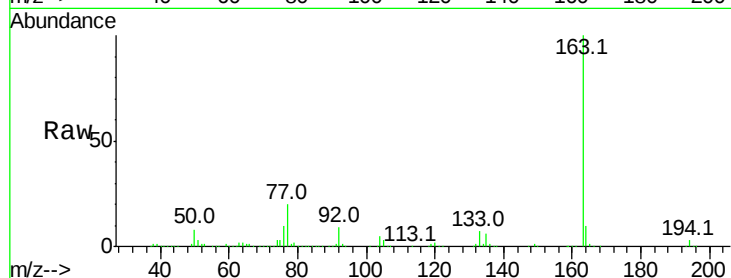
Tot Ion:163 Resp: 900730

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

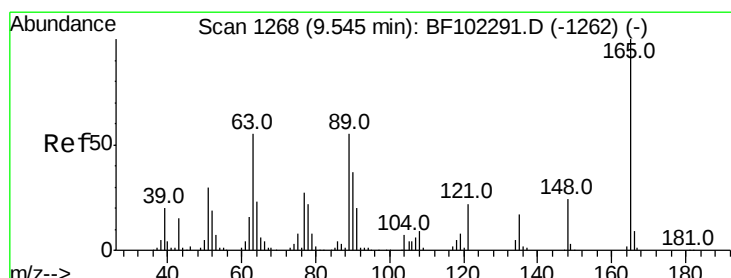
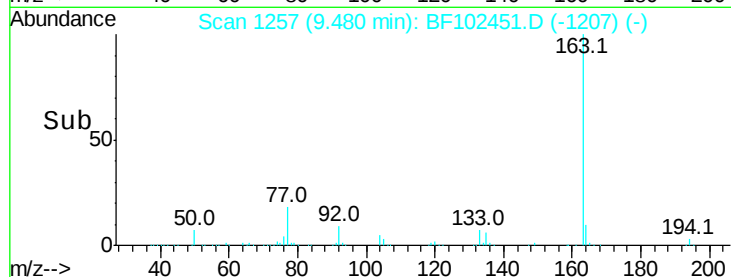
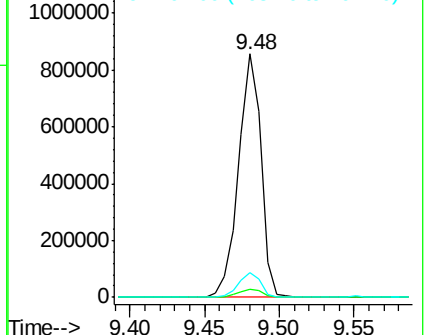
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.547 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

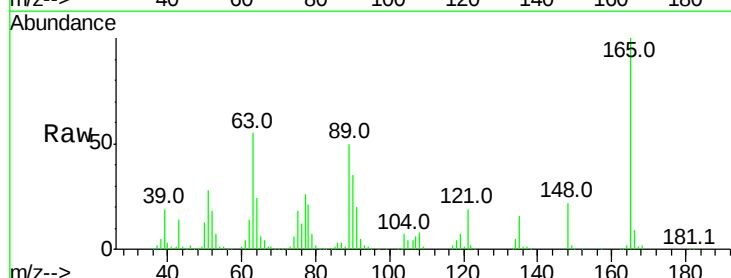
Tgt Ion:165 Resp: 158713

Ion Ratio Lower Upper

165 100

63 54.8 44.7 67.1

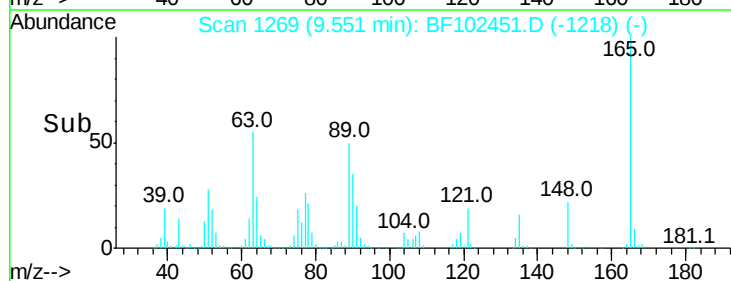
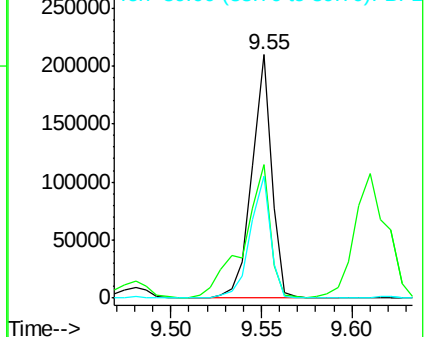
89 50.0 44.0 66.0

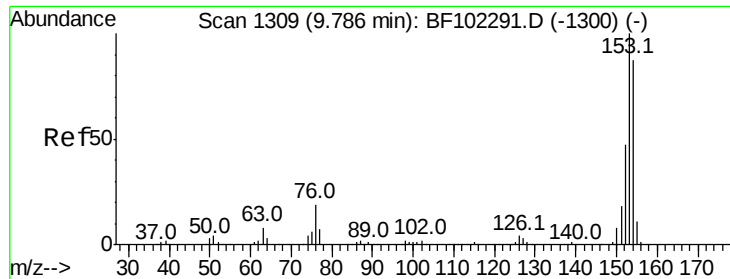


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 42.442 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

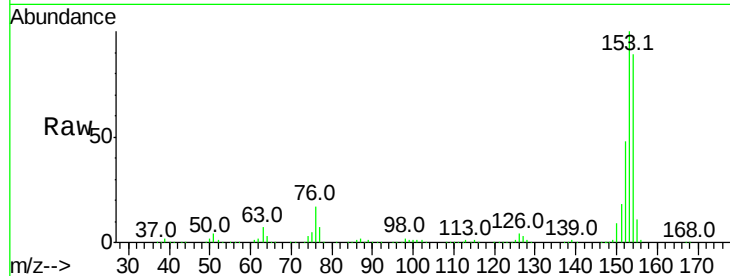
Tot Ion:154 Resp: 575337

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

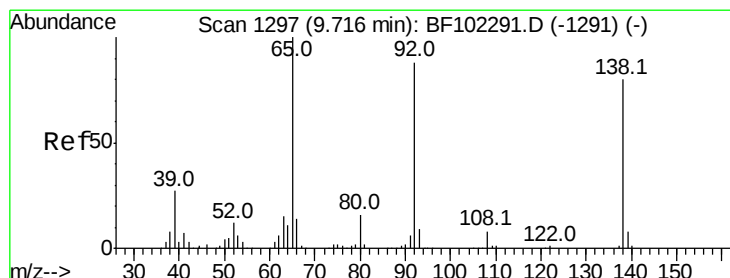
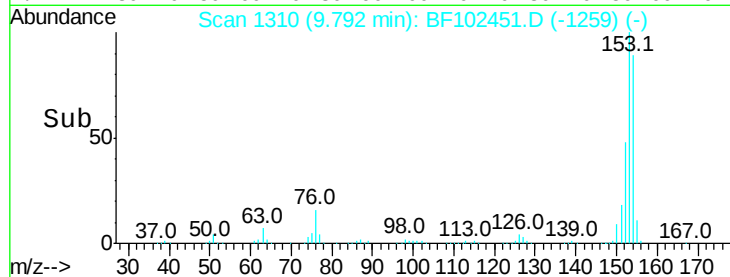
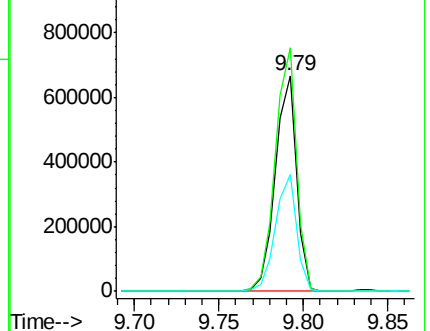
152 54.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.067 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

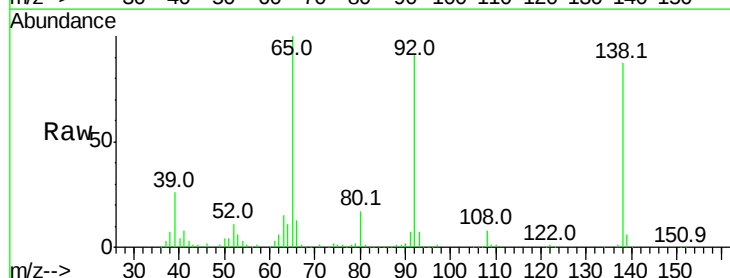
Tgt Ion:138 Resp: 144912

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

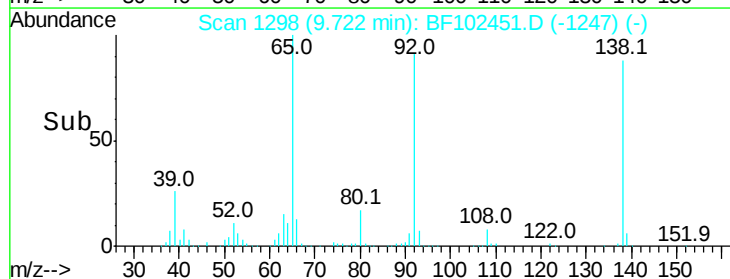
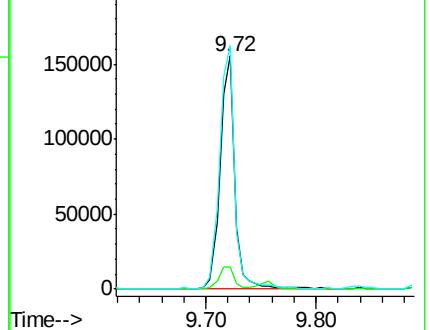
92 104.4 89.4 134.2

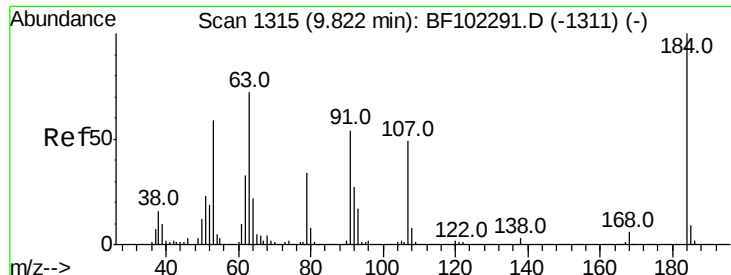


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

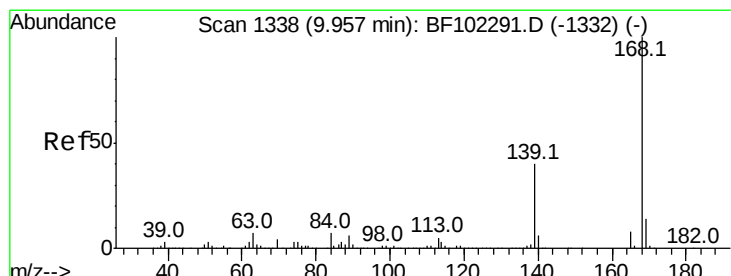
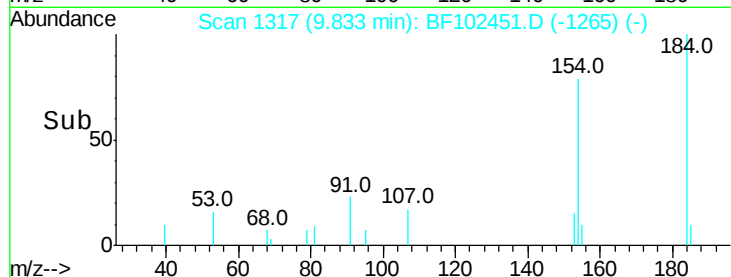
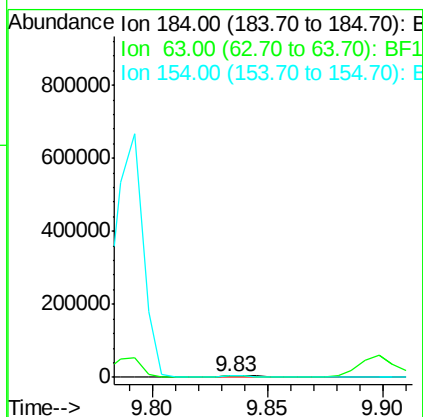
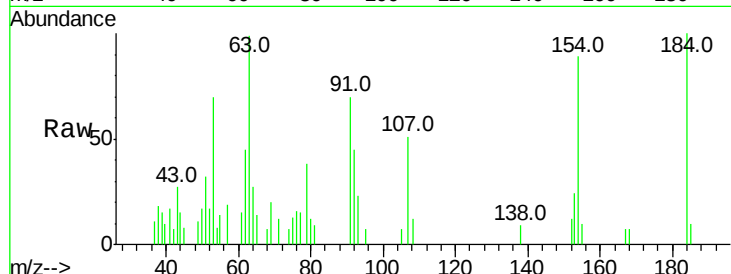




#53
 2,4-Dinitrophenol
 Concen: 7.383 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

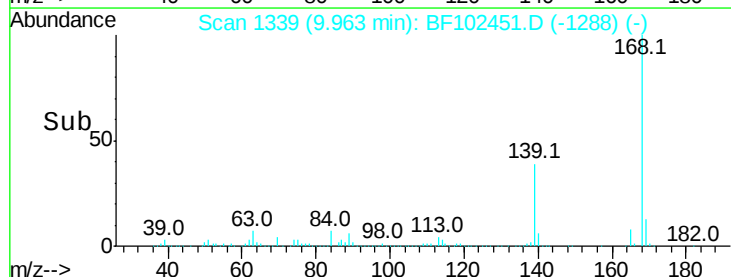
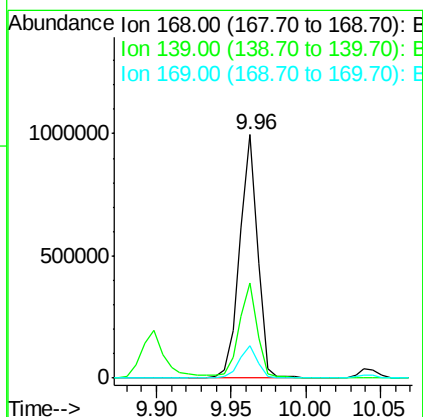
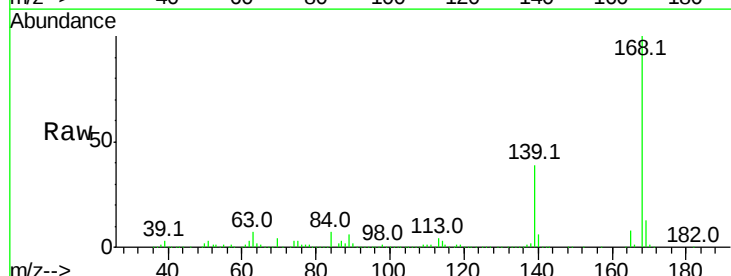
Instrument :
 BNA_F
 ClientSampleId :

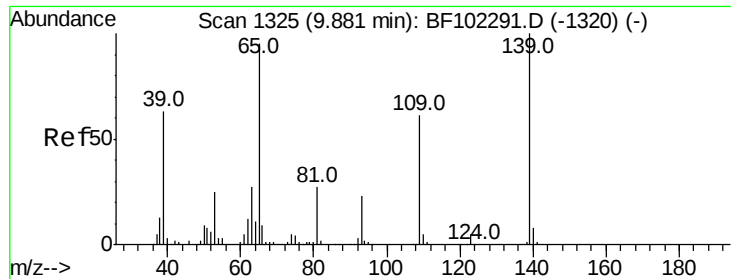
Tot Ion:184 Resp: 6627
 Ion Ratio Lower Upper
 184 100
 63 99.3 54.2 81.2#
 154 89.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 45.690 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion:168 Resp: 838237
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.1 45.1
 169 13.5 10.9 16.3

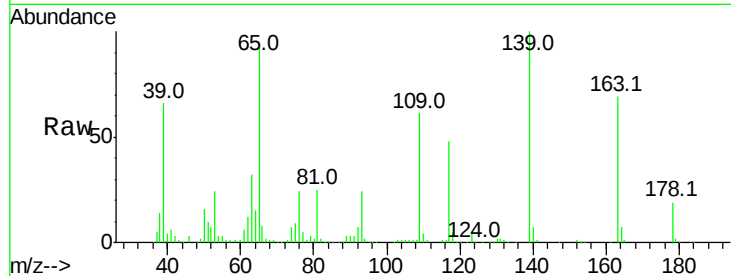




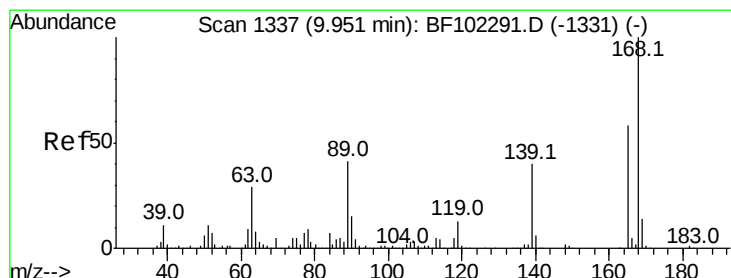
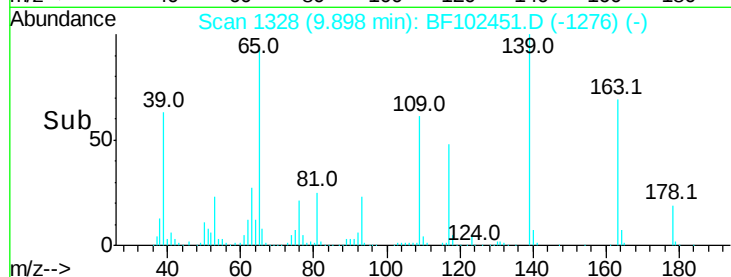
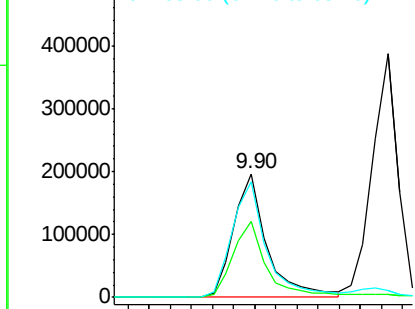
#55
4-Nitrophenol
Concen: 72.660 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 216747
Ion Ratio Lower Upper
139 100
109 61.1 48.4 88.4
65 93.4 72.6 112.6

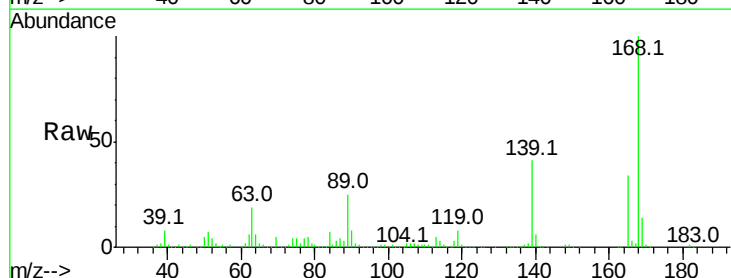


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

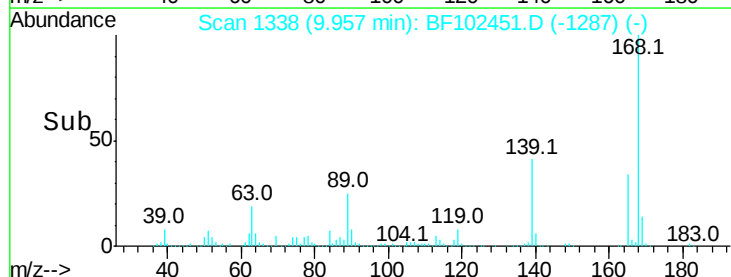
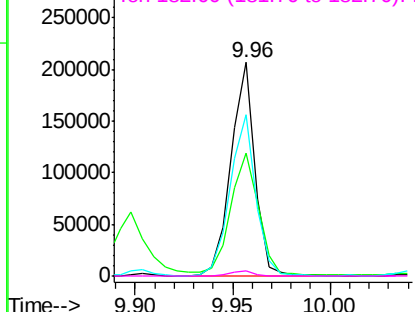


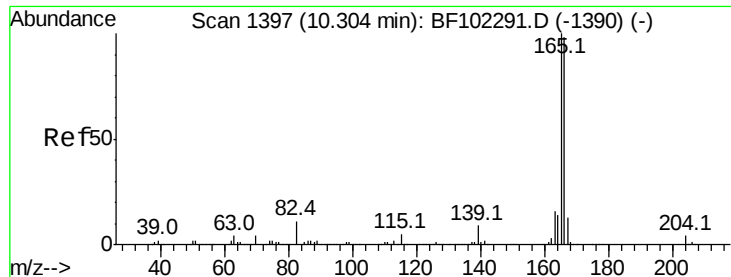
#56
2,4-Dinitrotoluene
Concen: 37.498 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion:165 Resp: 176152
Ion Ratio Lower Upper
165 100
63 57.5 36.4 54.6#
89 75.6 57.8 86.6
182 2.4 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

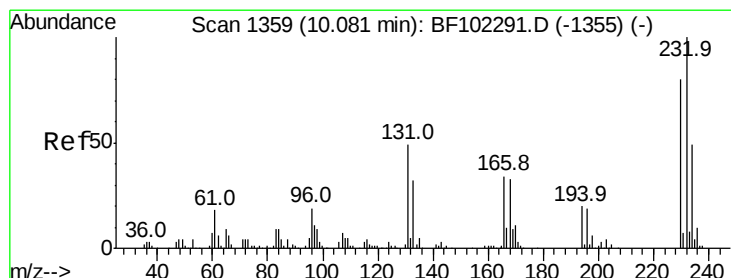
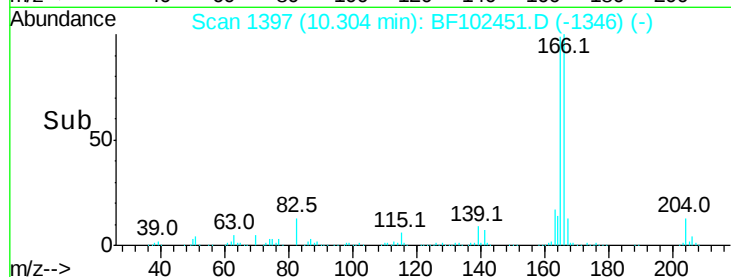
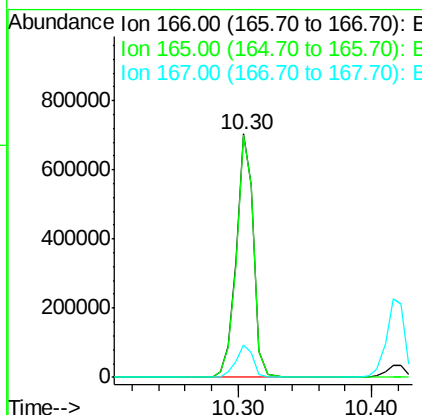
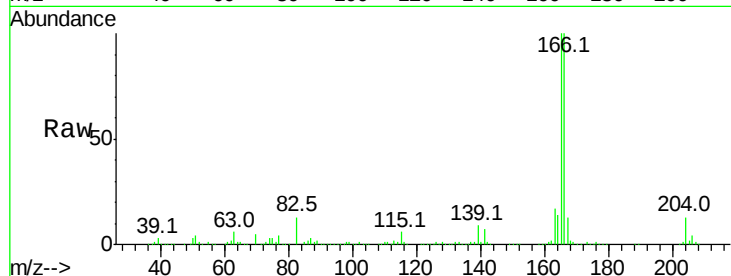




#57
 Fluorene
 Concen: 43.565 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

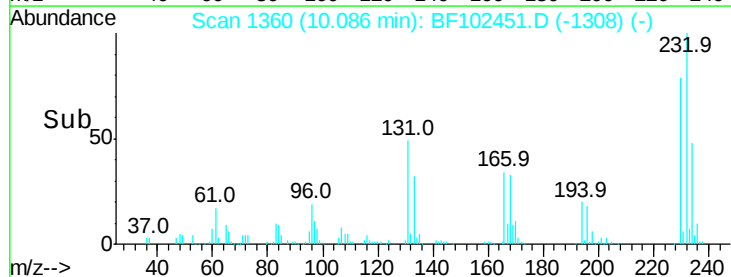
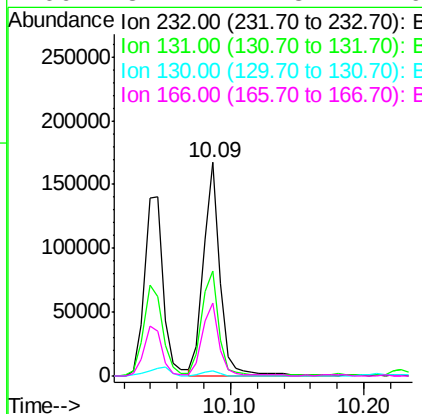
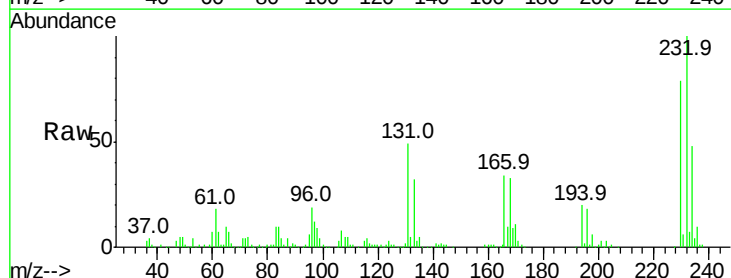
Instrument :
 BNA_F
 ClientSampleId :

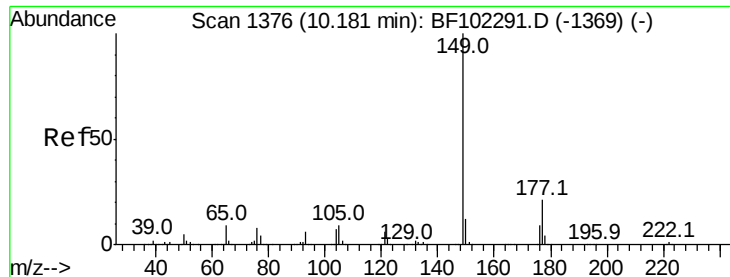
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.331 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.6	43.8	65.8
130	2.5	2.1	3.1
166	34.2	27.8	41.6

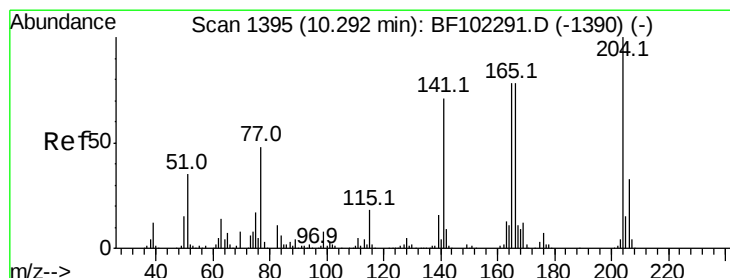
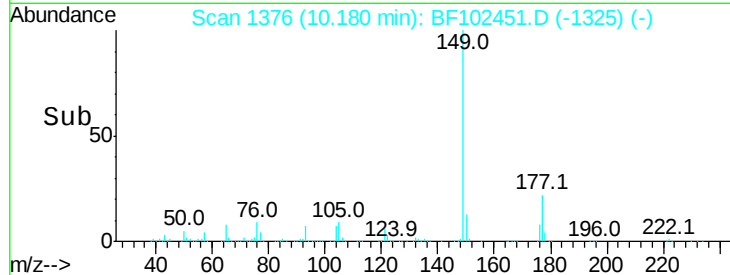
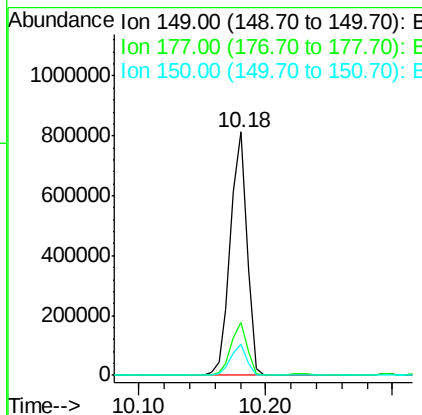
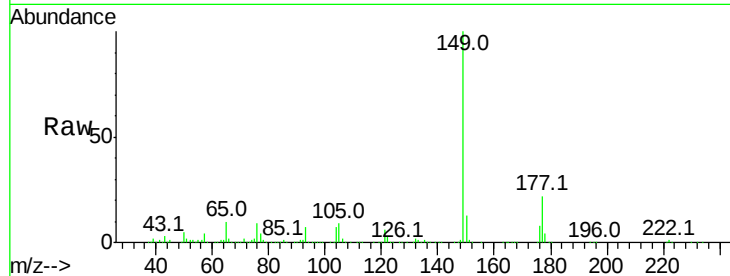




#59
Diethylphthalate
Concen: 42.749 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

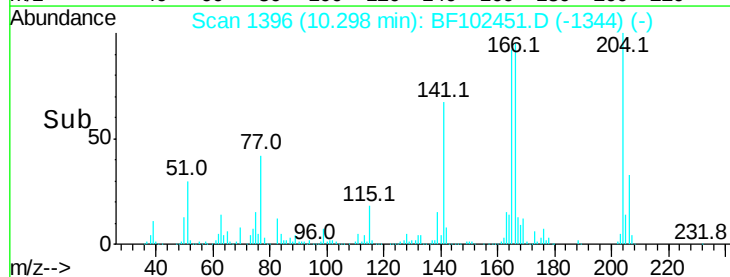
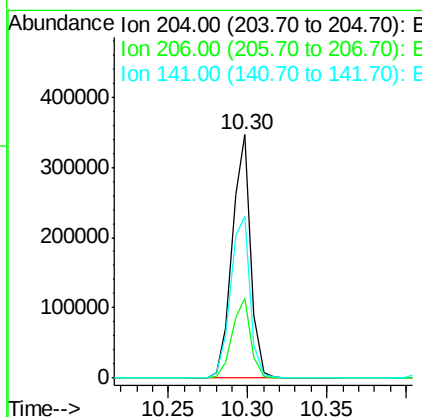
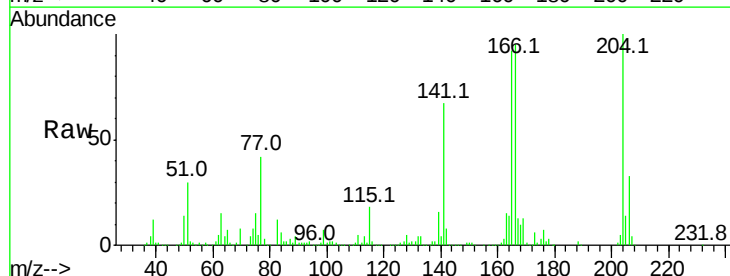
Instrument :
BNA_F
ClientSampled :

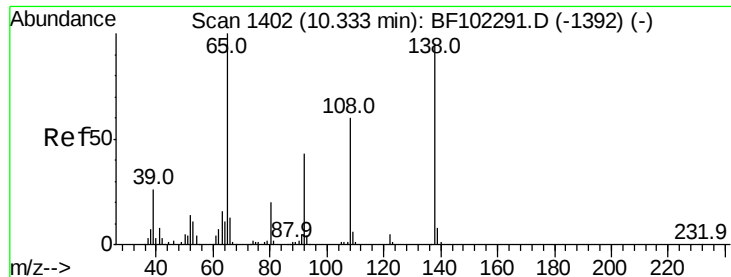
Tot Ion:149 Resp: 736042
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.299 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion:204 Resp: 279209
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 66.6 54.6 81.8

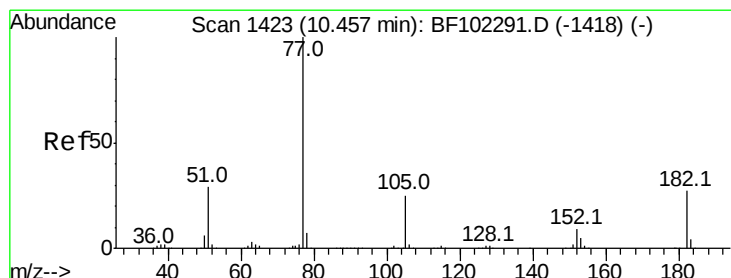
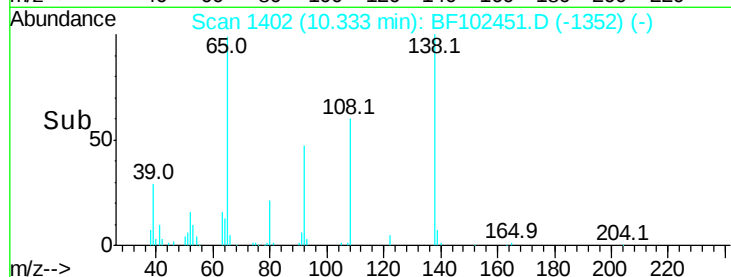
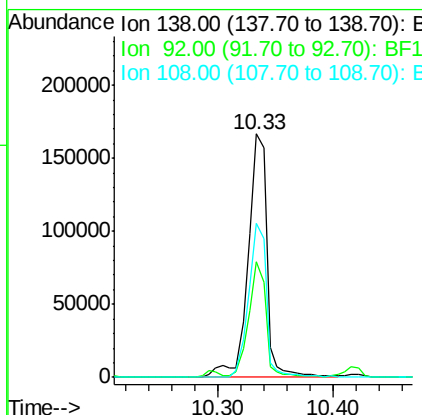
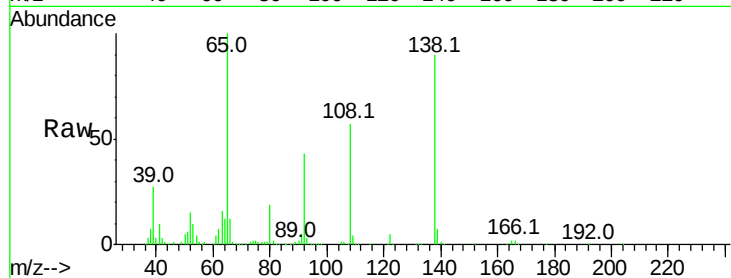




#61
4-Nitroaniline
Concen: 42.148 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

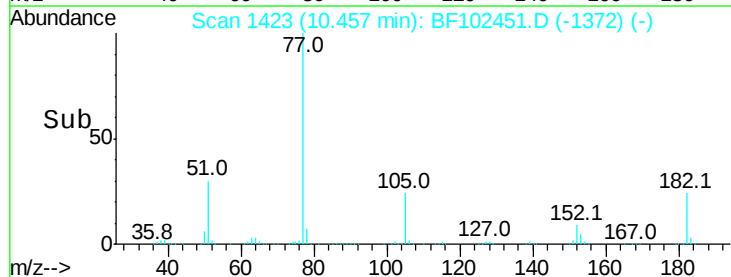
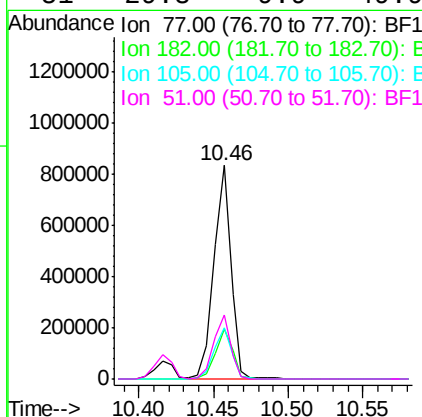
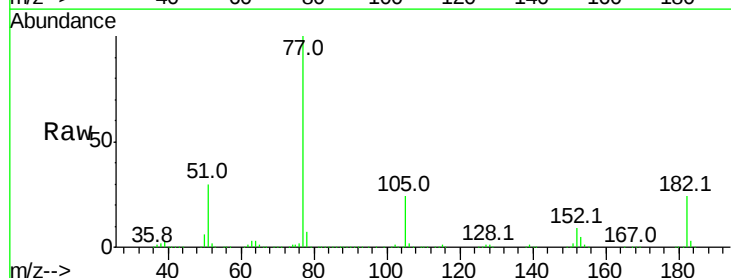
Instrument :
BNA_F
ClientSampled :

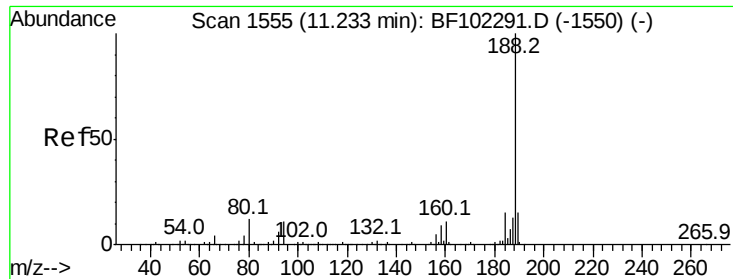
Tot Ion:138 Resp: 190063
Ion Ratio Lower Upper
138 100
92 47.6 30.2 70.2
108 63.5 52.5 92.5



#62
Azobenzene
Concen: 42.009 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion: 77 Resp: 662224
Ion Ratio Lower Upper
77 100
182 23.7 1.7 41.7
105 24.0 3.0 43.0
51 29.8 9.9 49.9

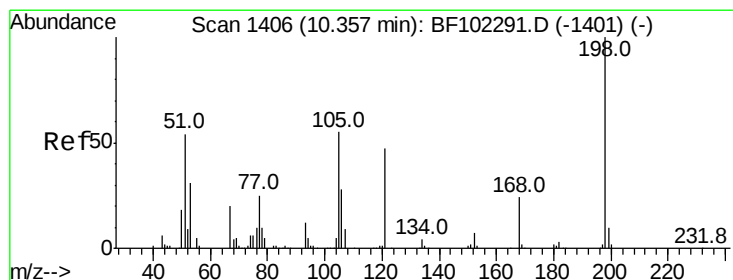
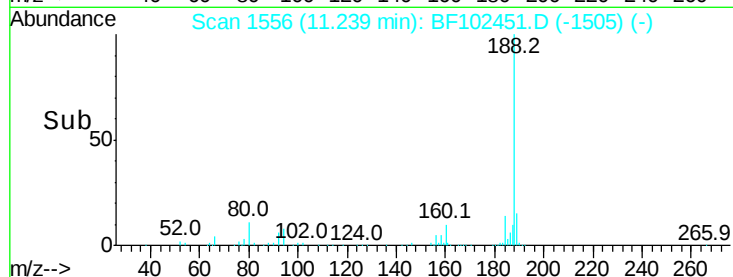
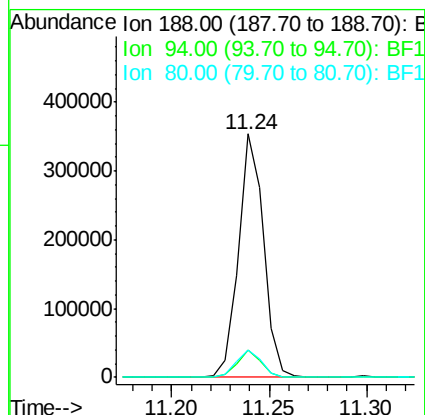
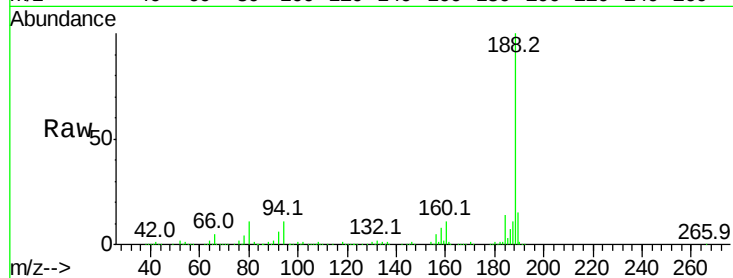




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

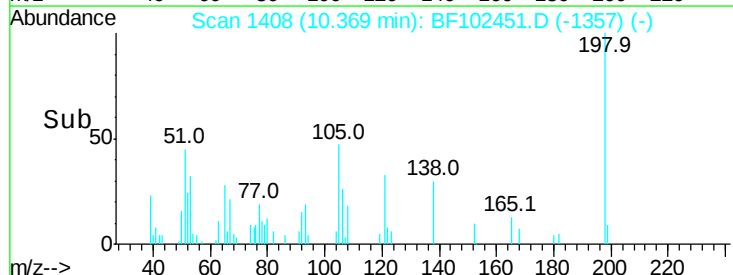
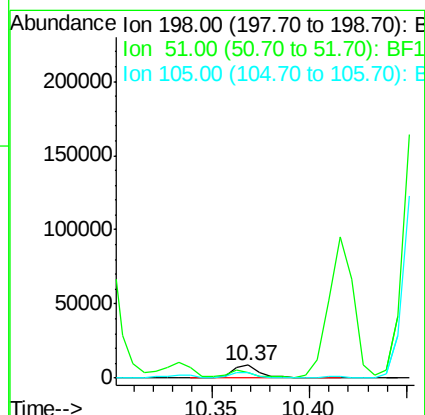
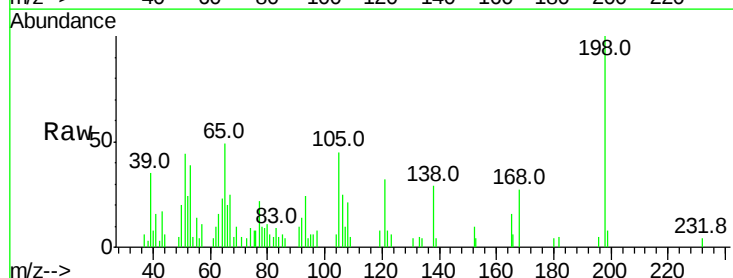
Instrument :
BNA_F
ClientSampleId :

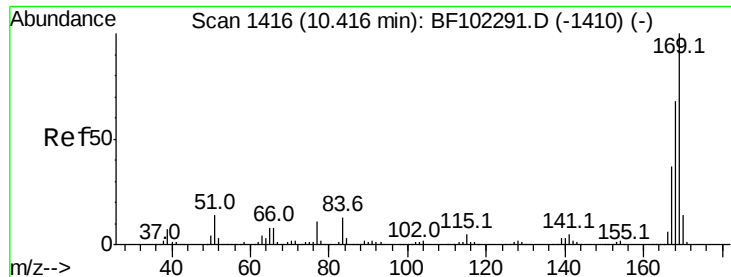
Tot Ion:188 Resp: 315648
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 4.079 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion:198 Resp: 8589
Ion Ratio Lower Upper
198 100
51 43.6 37.7 77.7
105 45.3 36.3 76.3

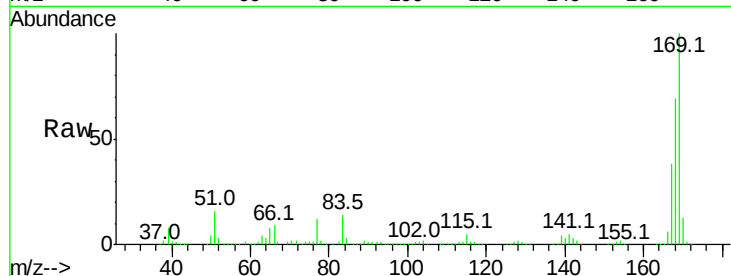




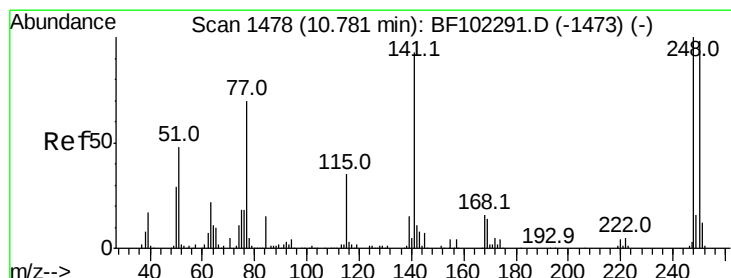
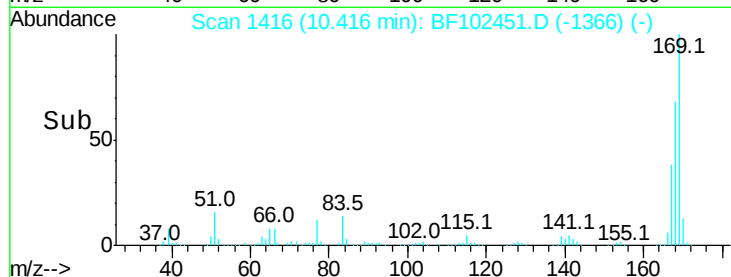
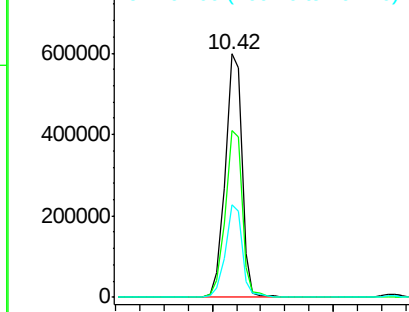
#65
 n-Nitrosodiphenylamine
 Concen: 49.921 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 578364
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.4 81.6
 167 38.1 29.8 44.6

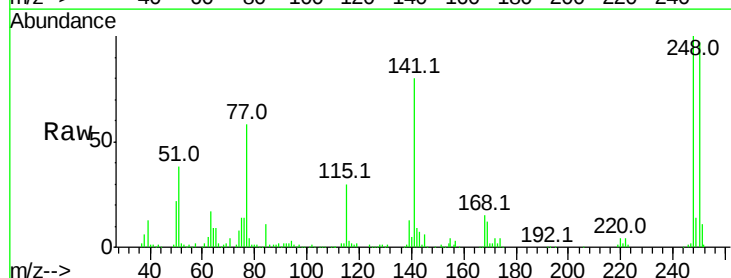


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

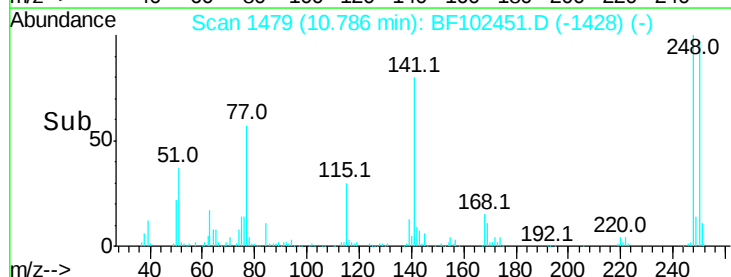
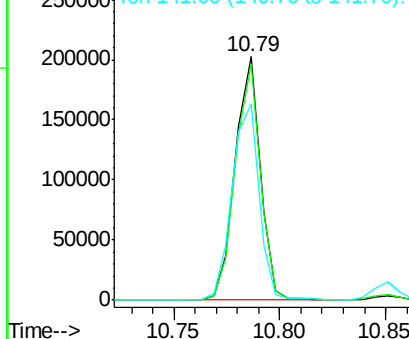


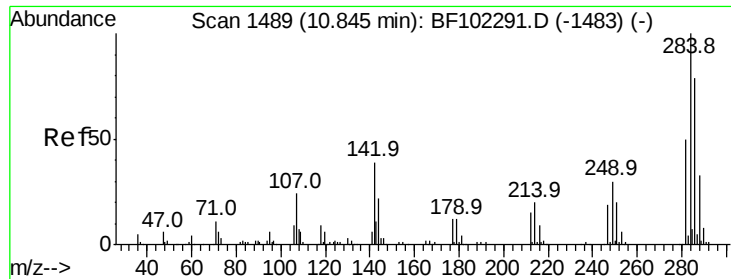
#66
 4-Bromophenyl-phenylether
 Concen: 48.973 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion:248 Resp: 166406
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.9 115.3
 141 80.4 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

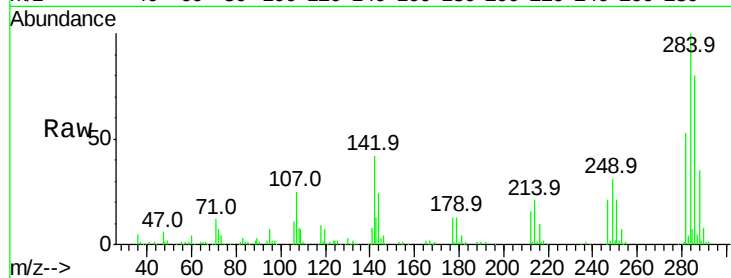




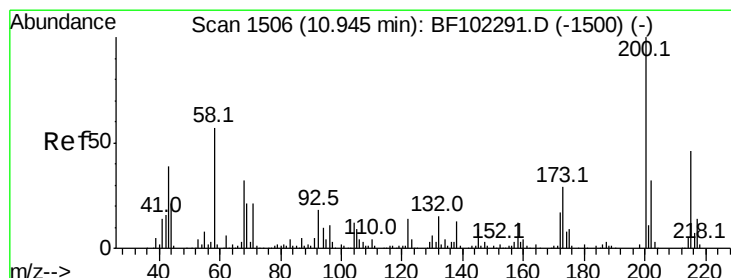
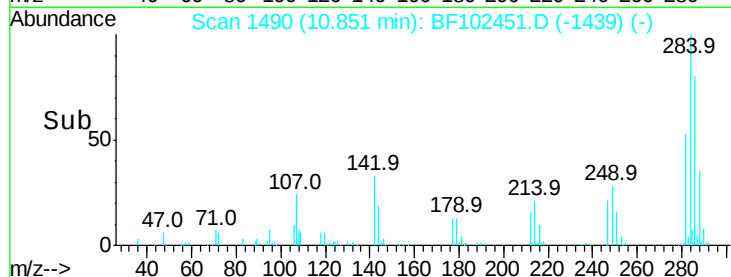
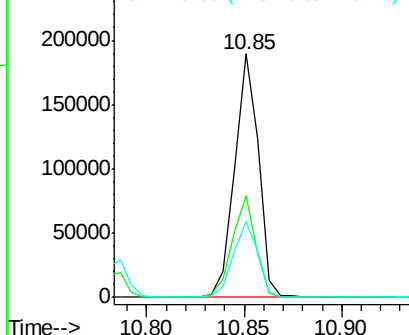
#67
Hexachlorobenzene
Concen: 42.075 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 159894
Ion Ratio Lower Upper
284 100
142 41.9 34.6 52.0
249 31.5 24.8 37.2

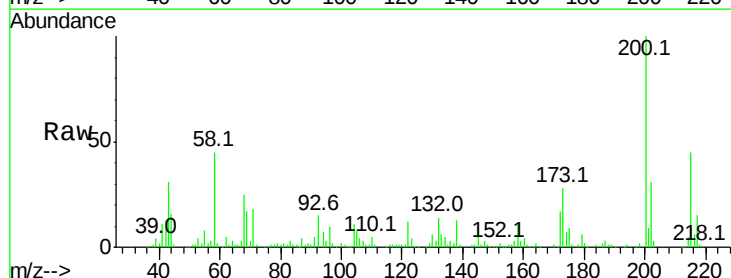


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

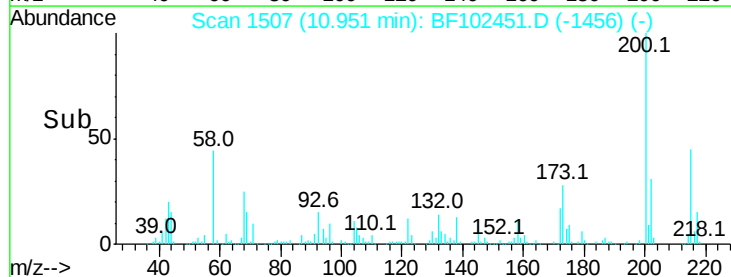
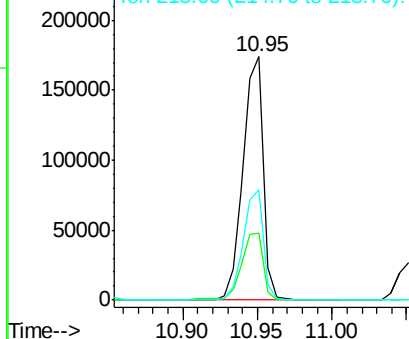


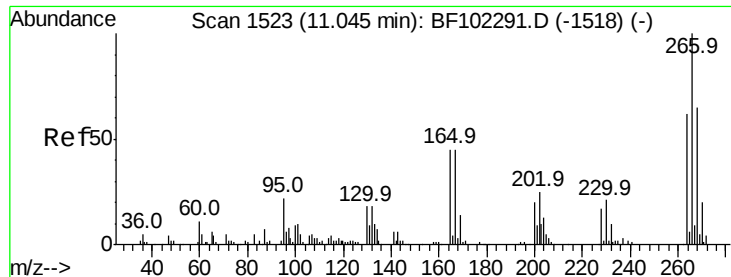
#68
Atrazine
Concen: 48.038 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion:200 Resp: 164374
Ion Ratio Lower Upper
200 100
173 27.5 8.6 48.6
215 45.4 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

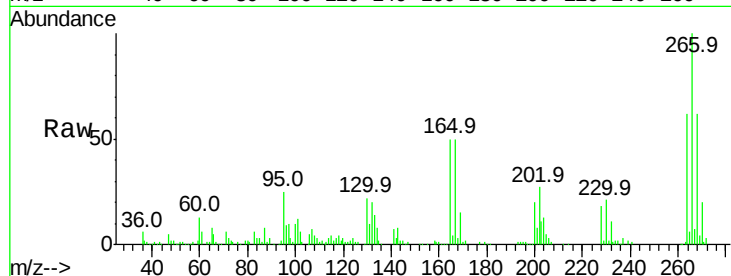




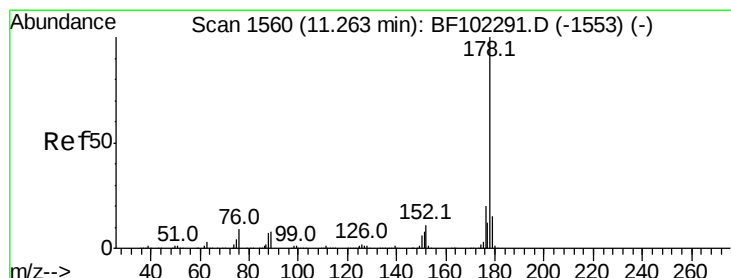
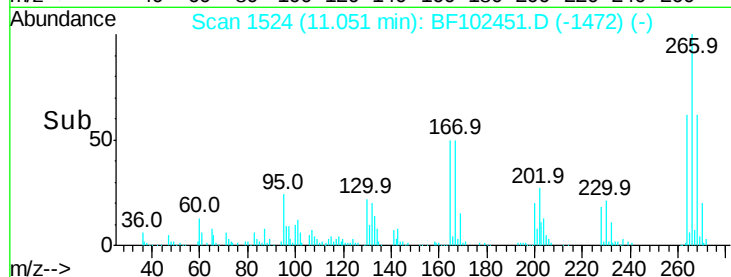
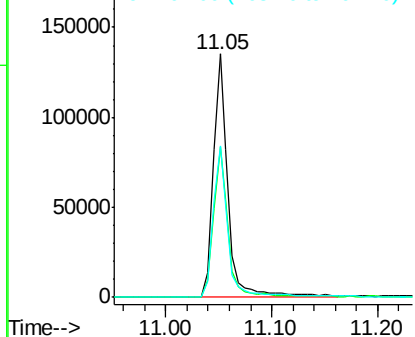
#69
 Pentachlorophenol
 Concen: 67.251 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 134253
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.1 76.7
 264 62.4 49.5 74.3

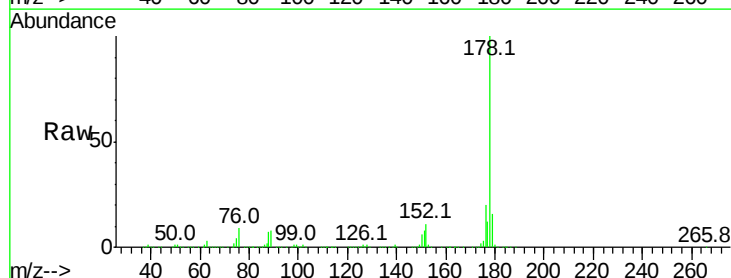


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

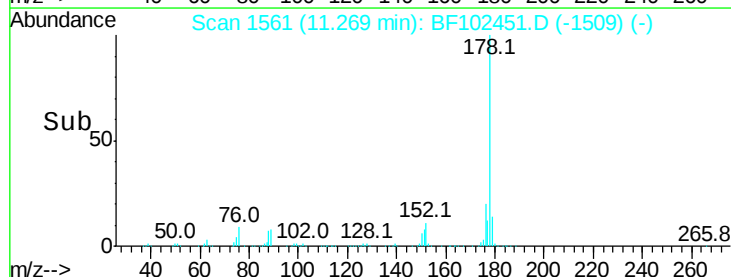
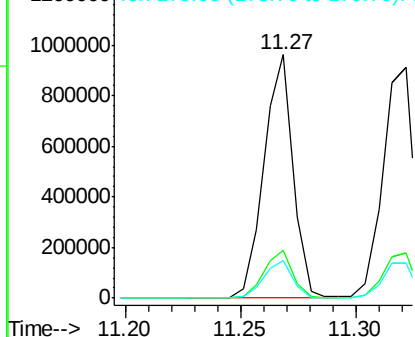


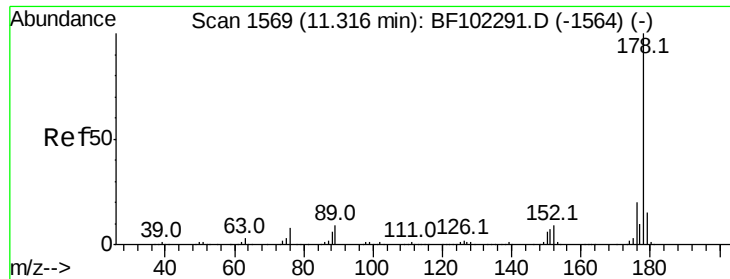
#70
 Phenanthrene
 Concen: 45.848 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion:178 Resp: 843312
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.5 13.0 19.6



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

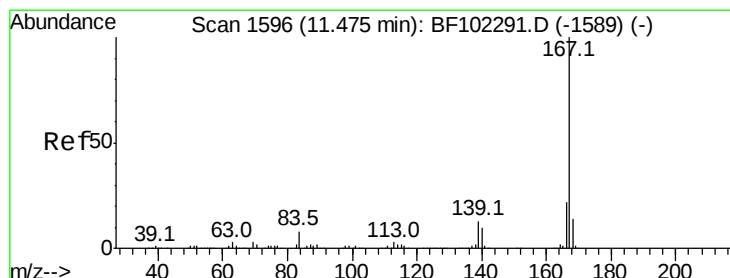
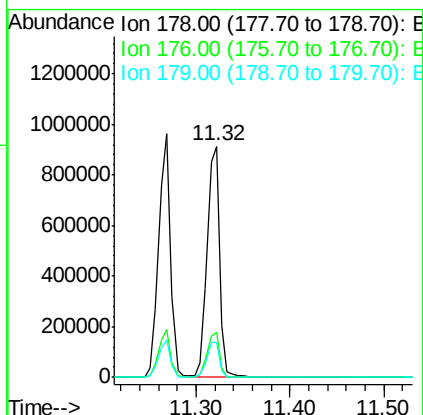
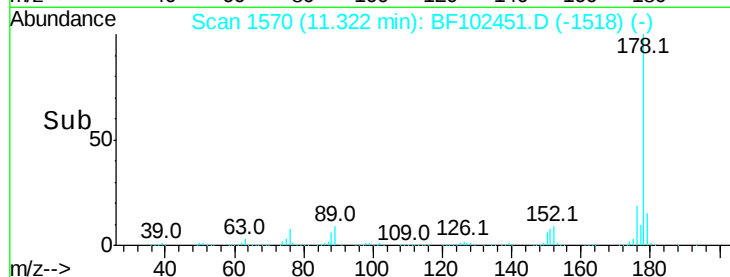
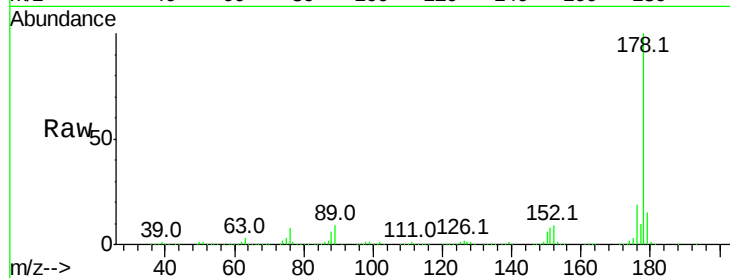




#71
 Anthracene
 Concen: 45.945 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

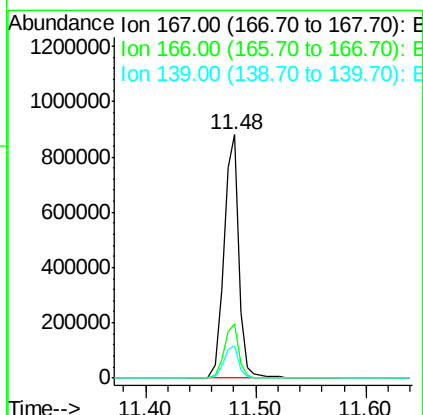
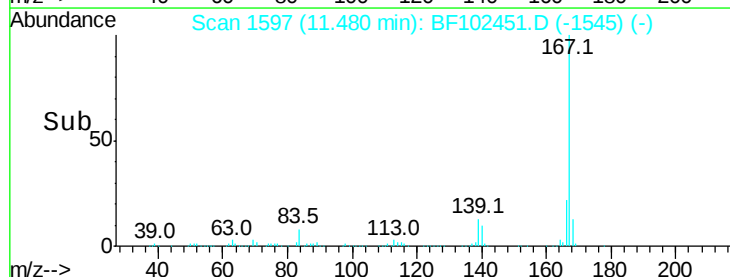
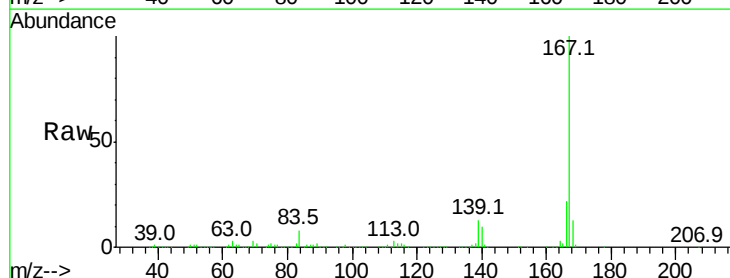
Instrument :
 BNA_F
 ClientSampleId :

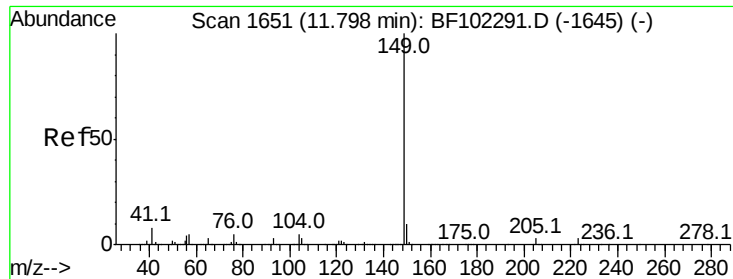
Tot Ion:178 Resp: 862566
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 45.189 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion:167 Resp: 827669
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.717 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

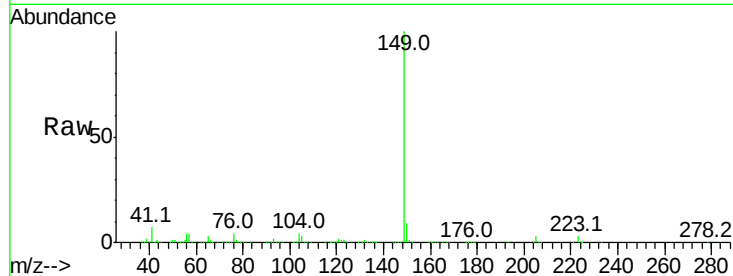
Tot Ion:149 Resp: 1046660

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

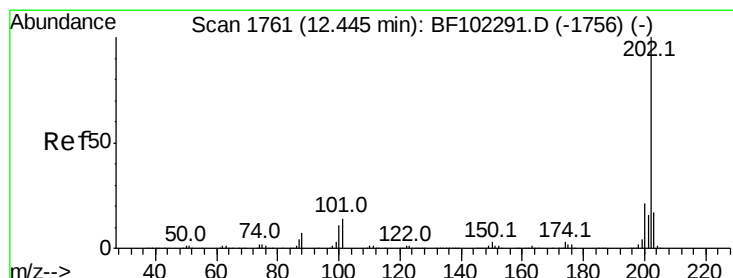
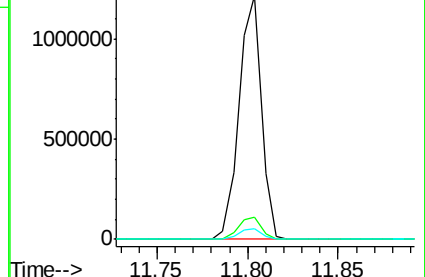
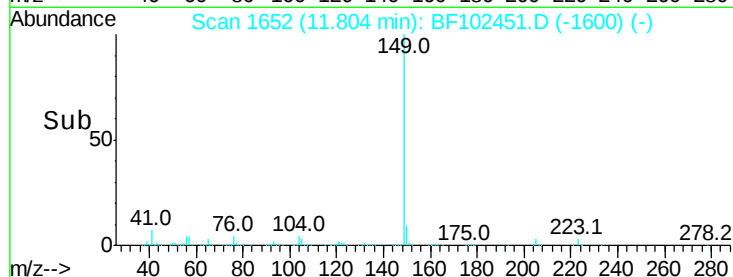
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.267 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

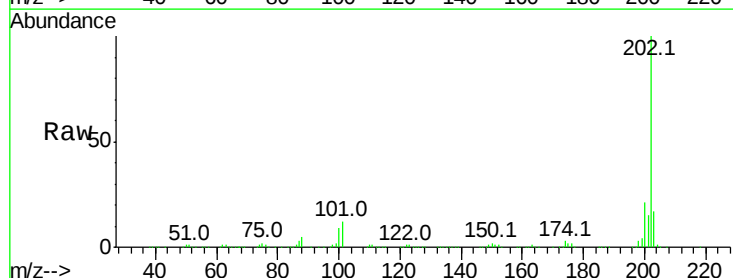
Tgt Ion:202 Resp: 830320

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

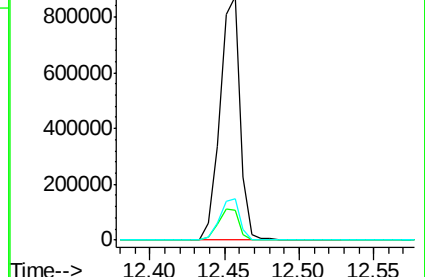
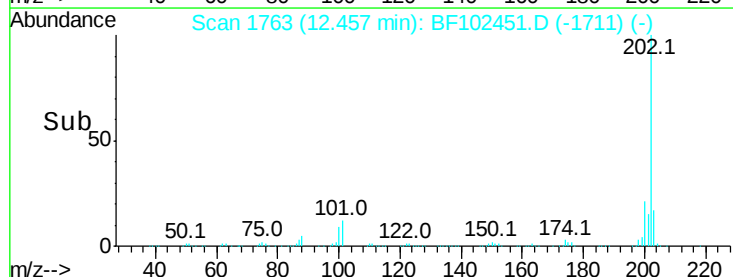
203 16.8 0.0 38.1

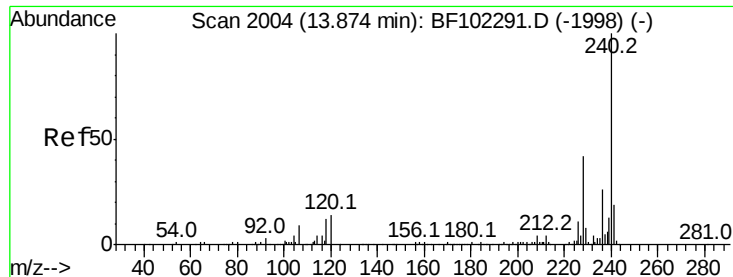


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

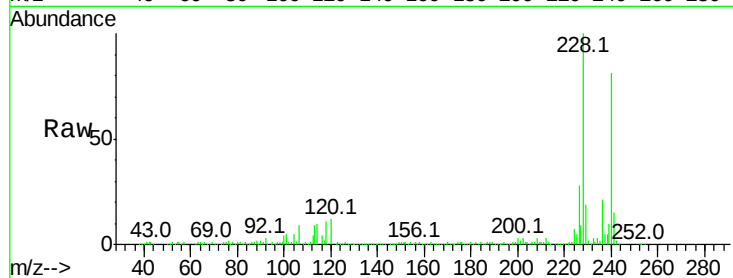
Tot Ion:240 Resp: 240247

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

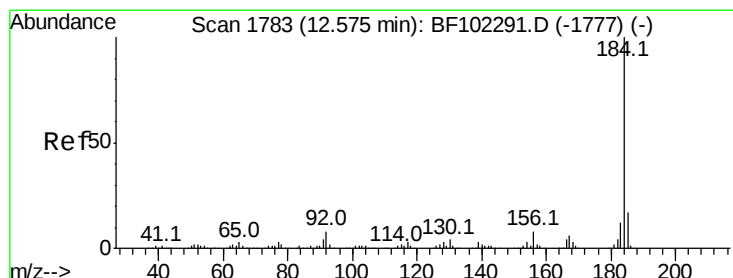
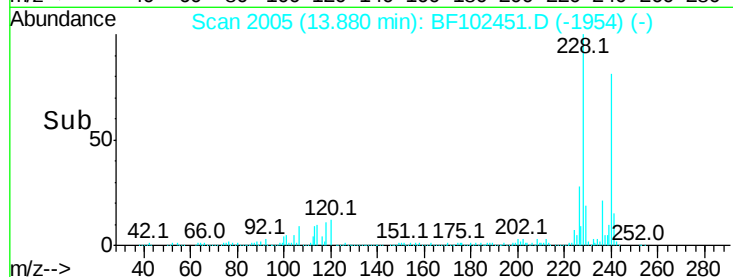
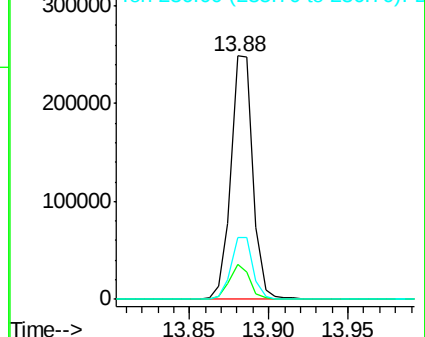
236 25.6 20.7 31.1



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: 55.792 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

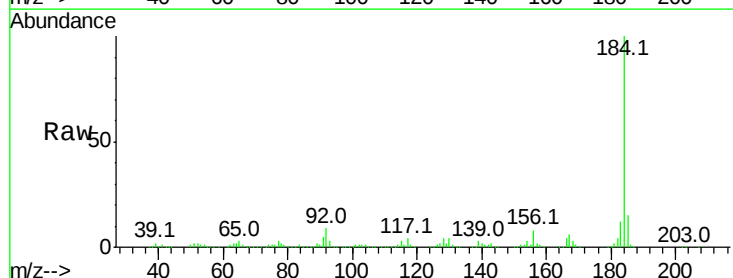
Tgt Ion:184 Resp: 450285

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

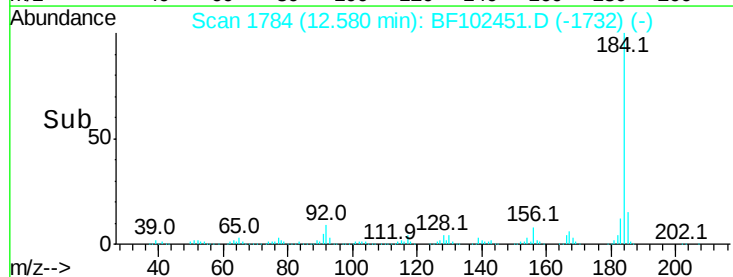
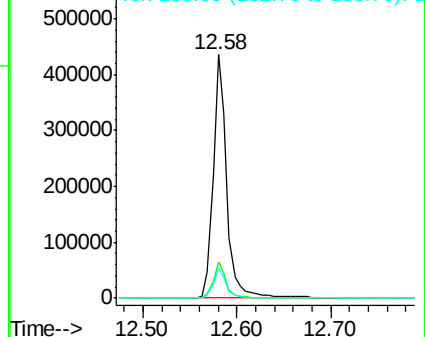
183 12.3 9.3 13.9

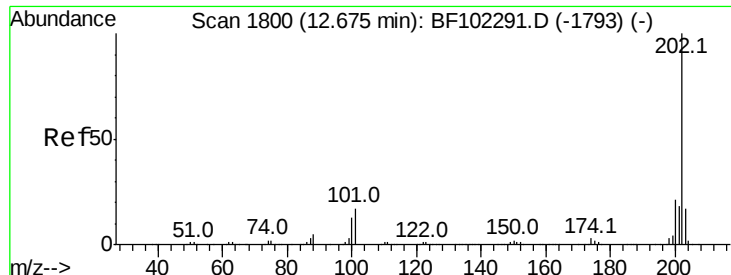


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

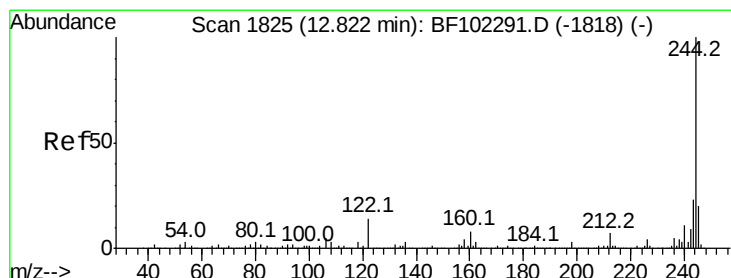
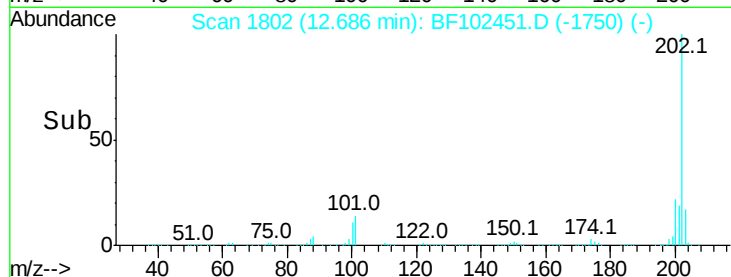
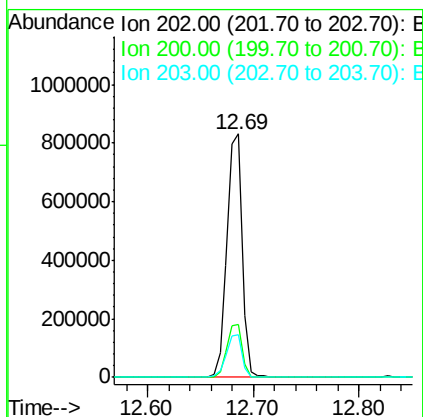
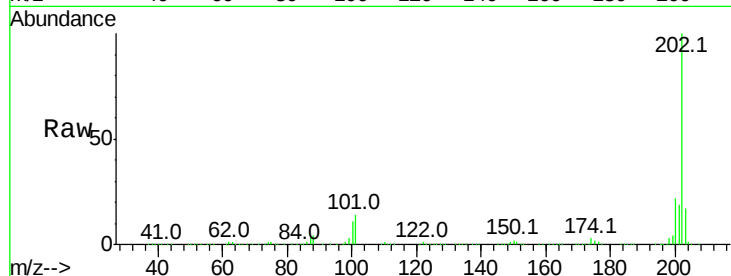




#77
Pvrene
Concen: 44.962 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

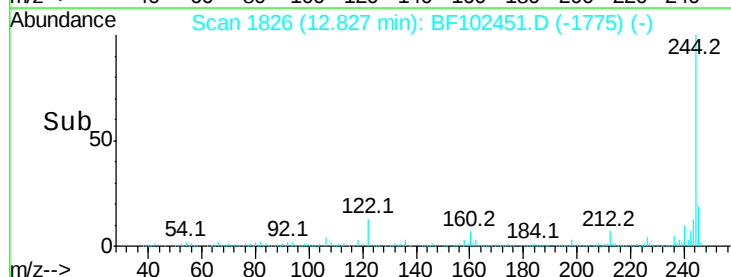
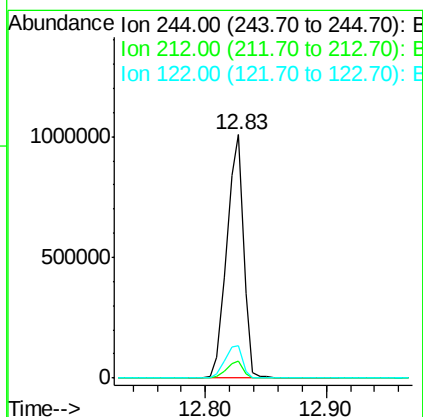
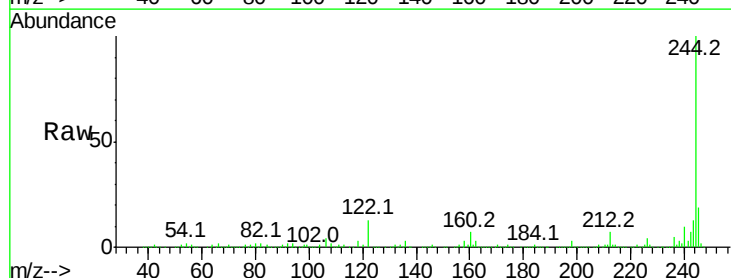
Instrument :
BNA_F
ClientSampled :

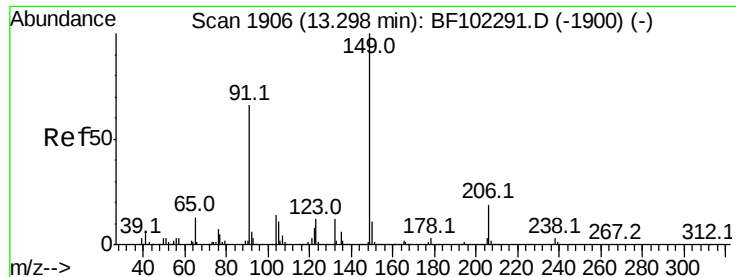
Tot Ion:202 Resp: 835174
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.3 14.3 21.5



#78
Terphenyl-d14
Concen: 91.380 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion:244 Resp: 973834
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.1 11.0 16.4

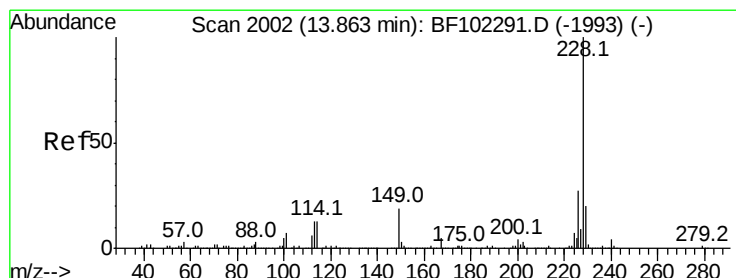
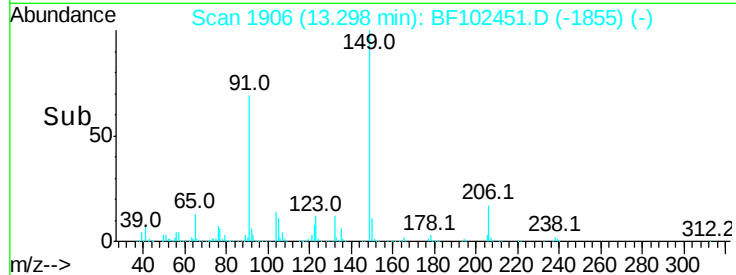
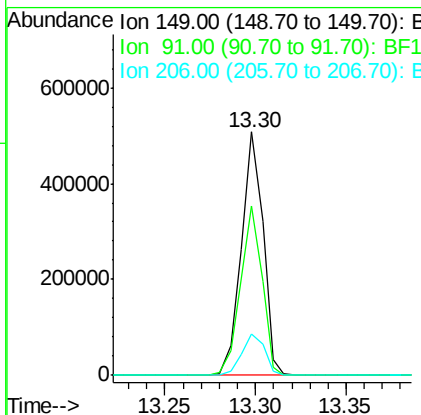
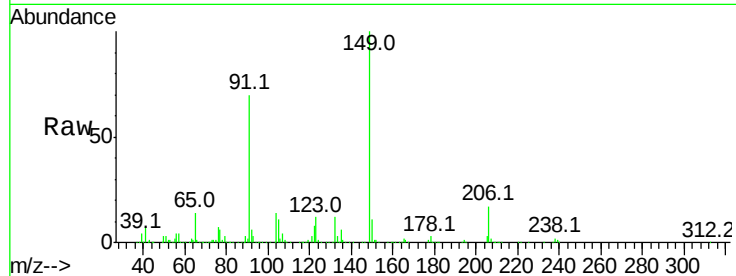




#79
 Butylbenzylphthalate
 Concen: 45.875 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

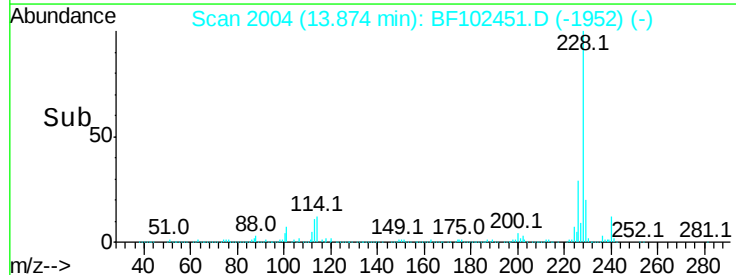
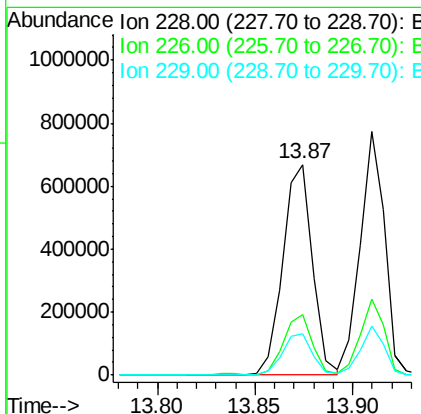
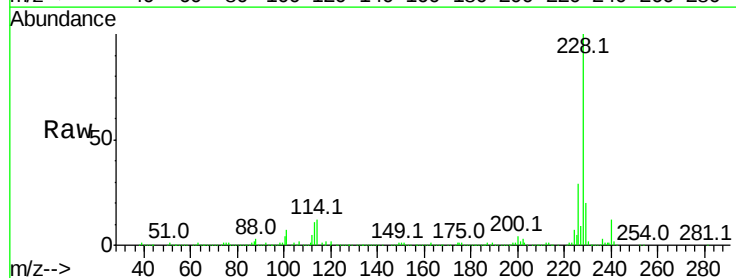
Instrument :
 BNA_F
 ClientSampleId :

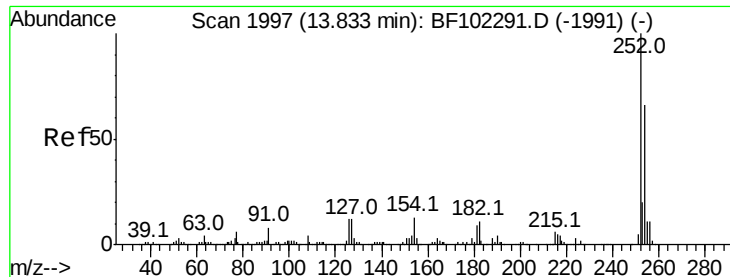
Tot Ion:	149	Resp:	424062
Ion Ratio	Lower	Upper	
149	100		
91	69.5	56.8	85.2
206	16.9	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 47.512 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion:	228	Resp:	702757
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.6	33.8
229	19.8	15.8	23.6

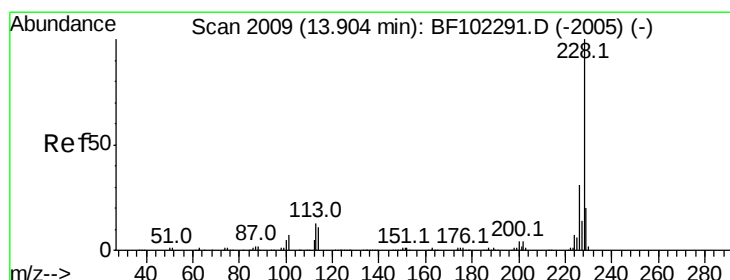
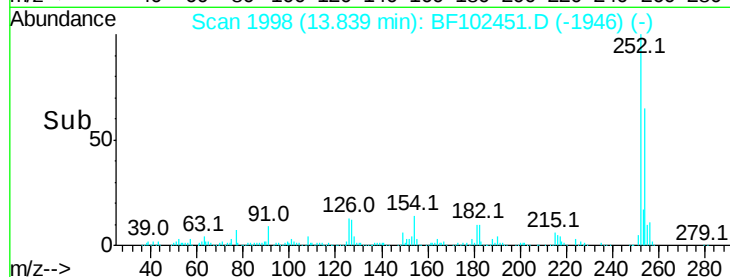
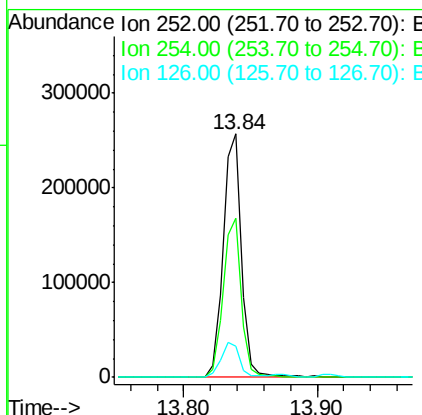
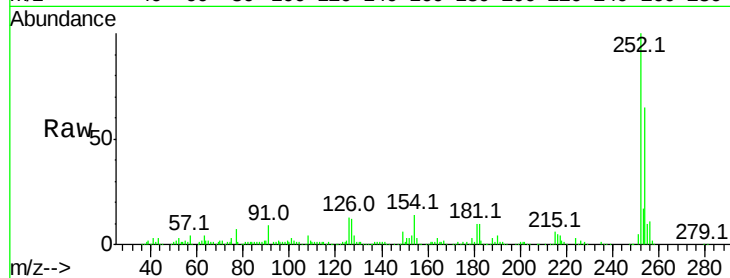




#81
 3,3'-Dichlorobenzidine
 Concen: 45.889 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

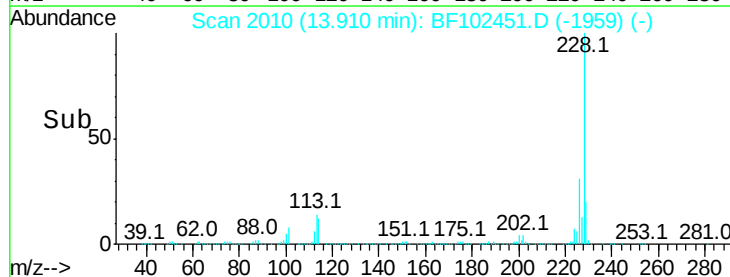
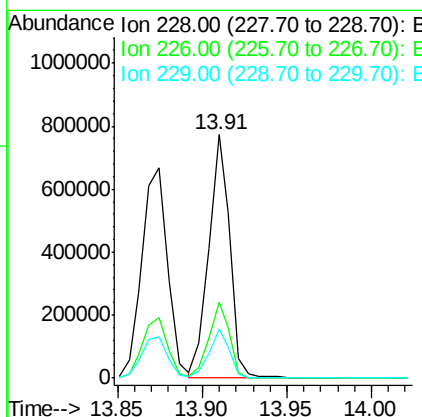
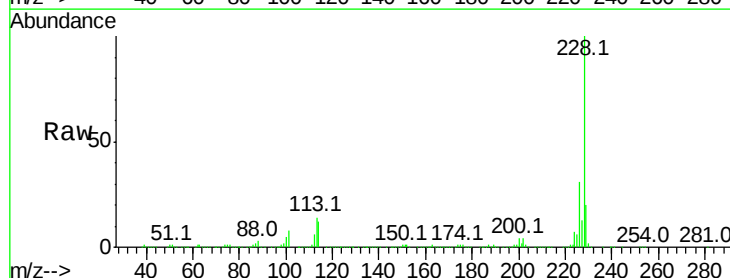
Instrument :
 BNA_F
 ClientSampleId :

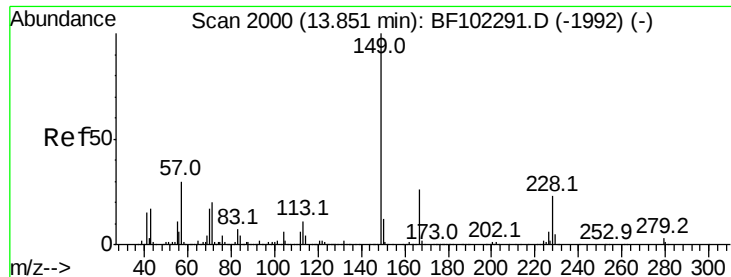
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.4	75.6
126	12.9	11.3	16.9



#82
 Chrysene
 Concen: 44.790 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.795 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

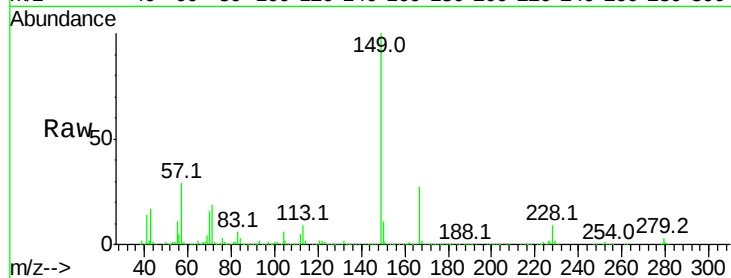
Tot Ion:149 Resp: 581326

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

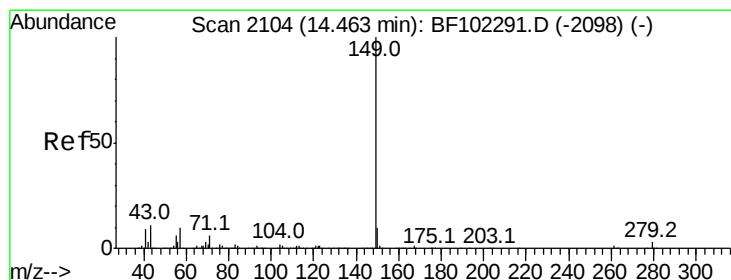
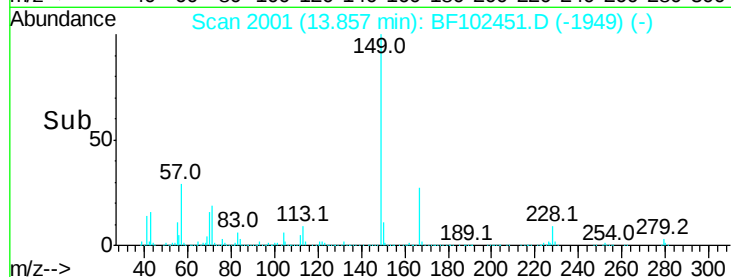
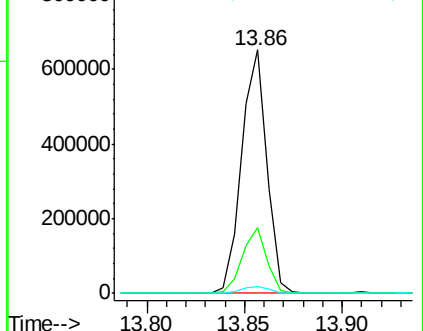
279 3.0 3.0 4.4



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: 48.912 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

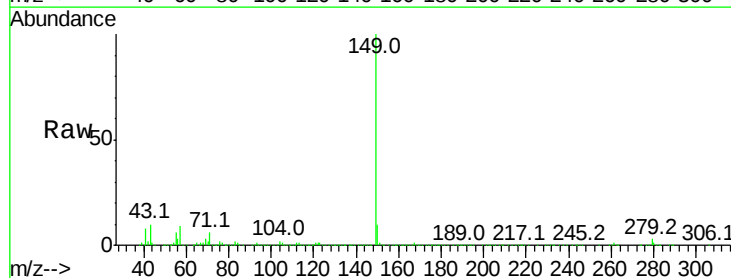
Tgt Ion:149 Resp: 988143

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

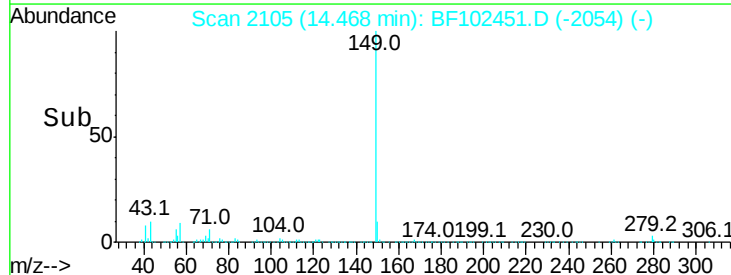
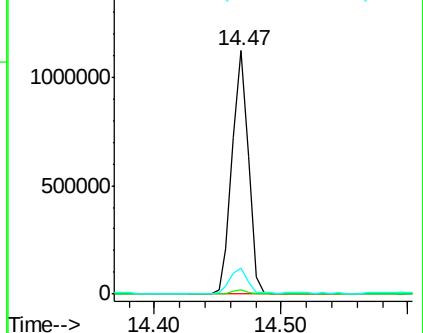
43 10.7 8.4 12.6

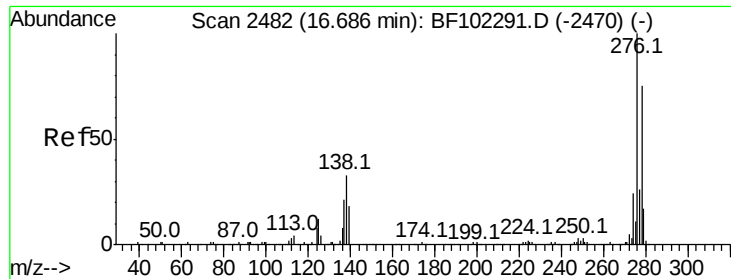


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

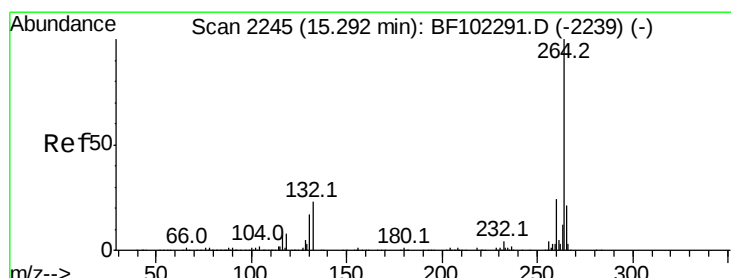
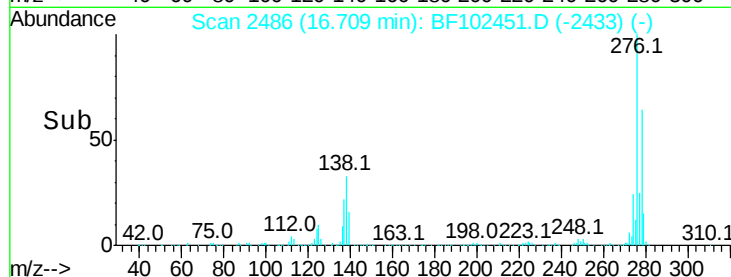
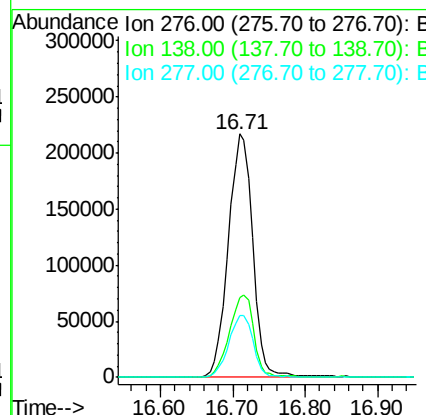
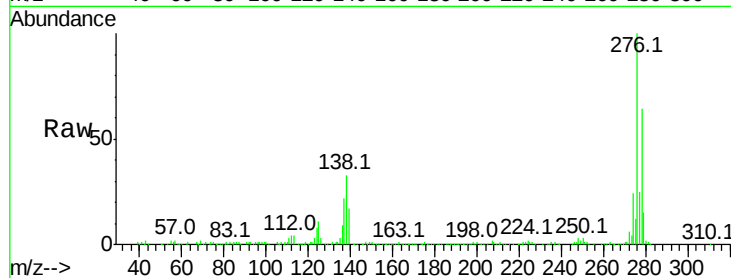




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.284 ng
 RT: 16.71 min Scan# 2486
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

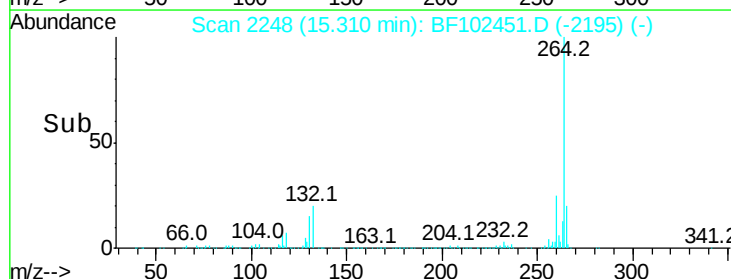
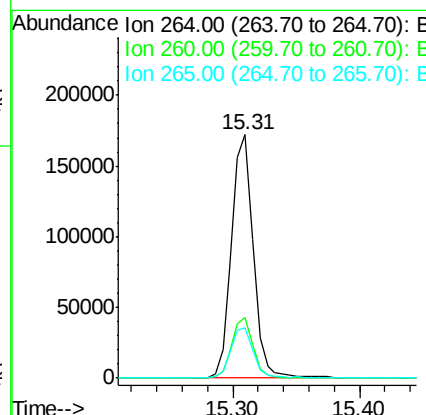
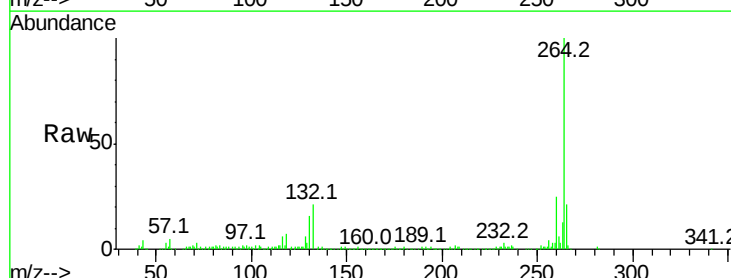
Instrument :
 BNA_F
 ClientSampleId :

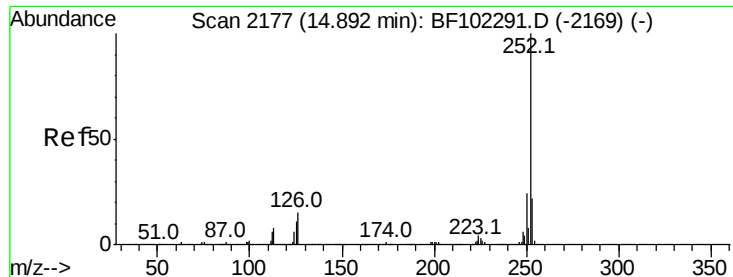
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	25.0	37.6
277	25.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102451.D
 Acq: 26 Jan 2018 3:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	20.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 45.925 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

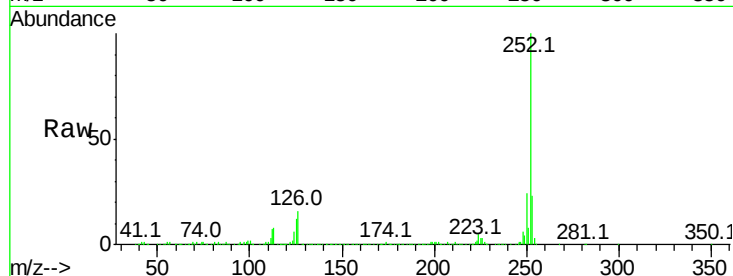
Tot Ion:252 Resp: 608233

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

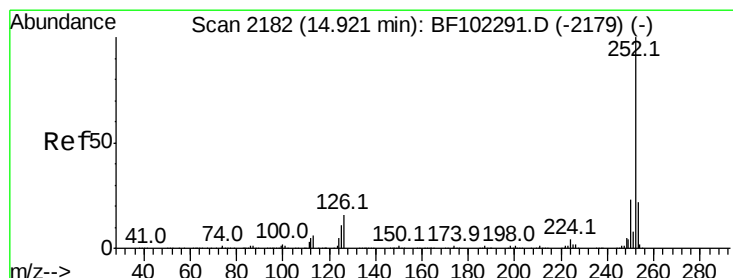
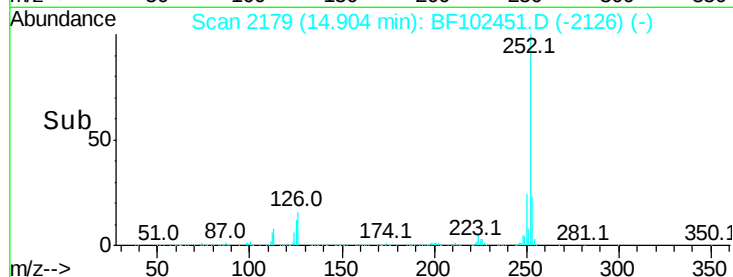
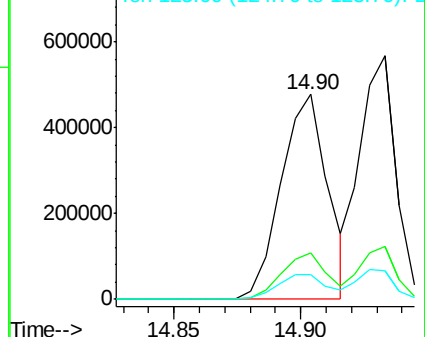
125 12.3 9.0 13.6



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: 45.880 ng

RT: 14.93 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

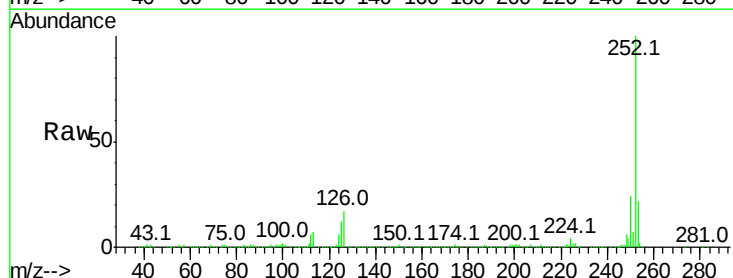
Tgt Ion:252 Resp: 574081

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

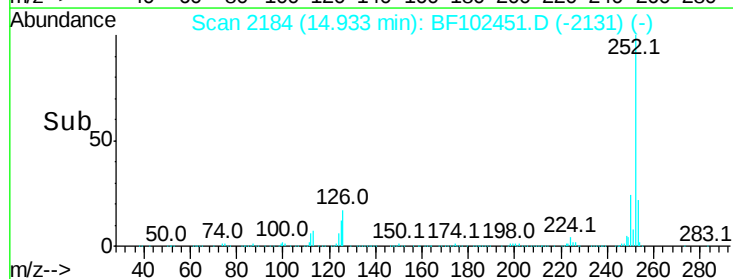
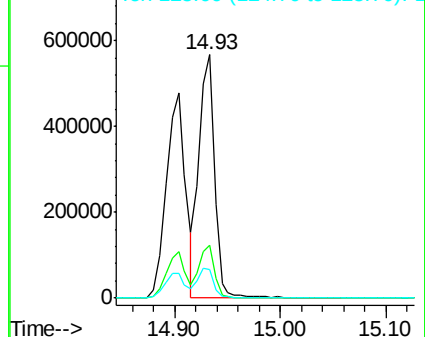
125 12.0 10.2 15.2

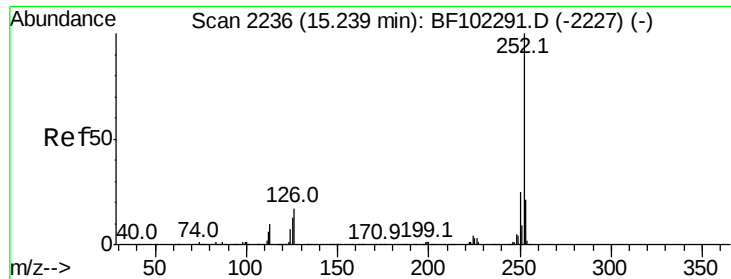


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

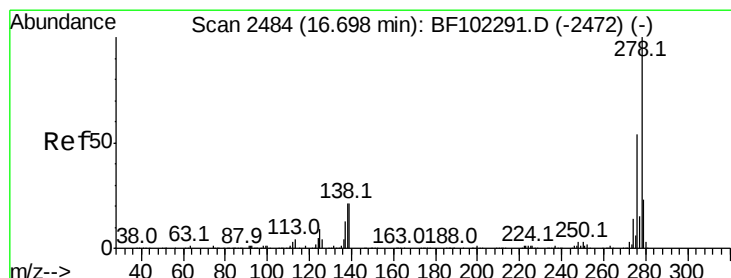
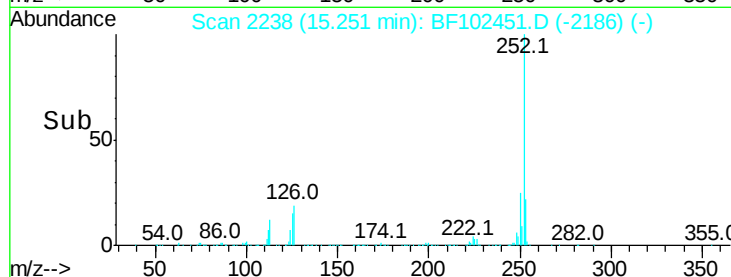
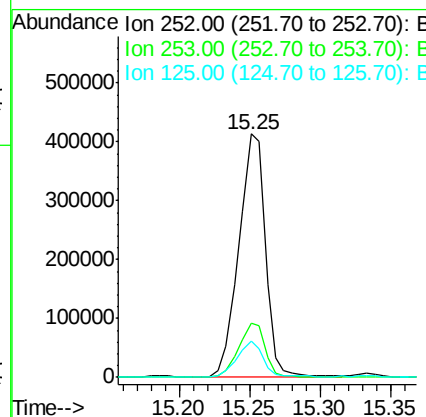
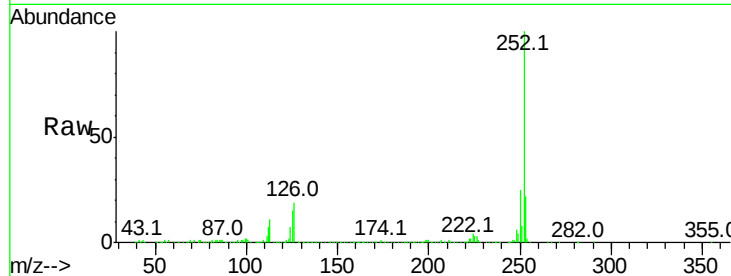




#89
Benzo(a)pyrene
Concen: 45.511 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

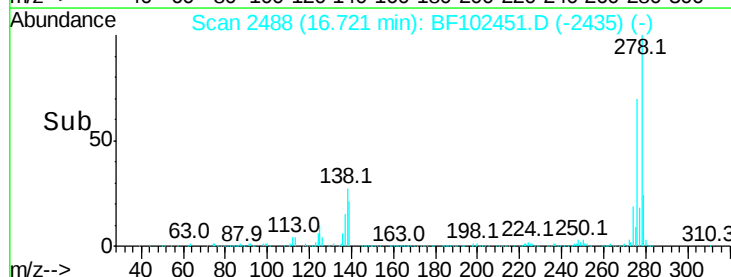
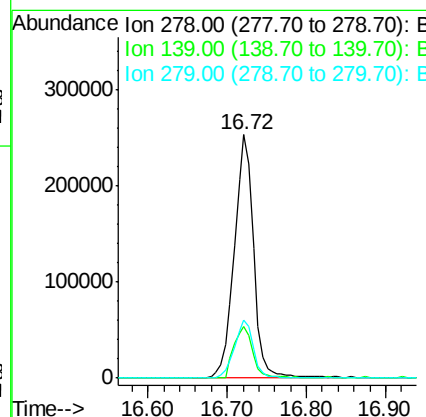
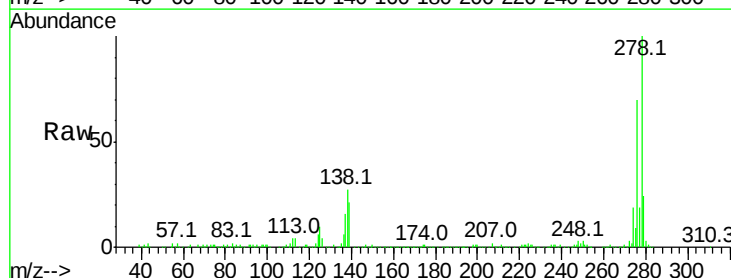
Instrument :
BNA_F
ClientSampleId :

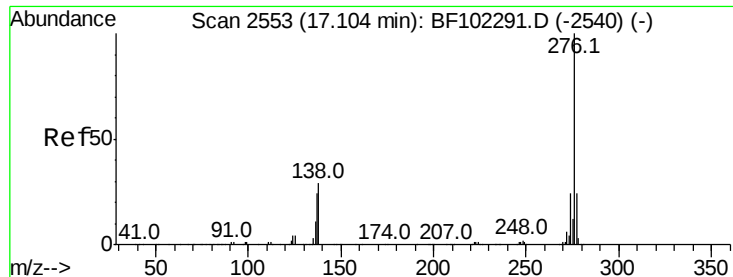
Tot Ion:252 Resp: 543620
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 14.9 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 44.263 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF102451.D
Acq: 26 Jan 2018 3:45

Tgt Ion:278 Resp: 428285
Ion Ratio Lower Upper
278 100
139 21.4 15.9 23.9
279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 44.098 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.02 min

Lab File: BF102451.D

Acq: 26 Jan 2018 3:45

Instrument :

BNA_F

ClientSampleId :

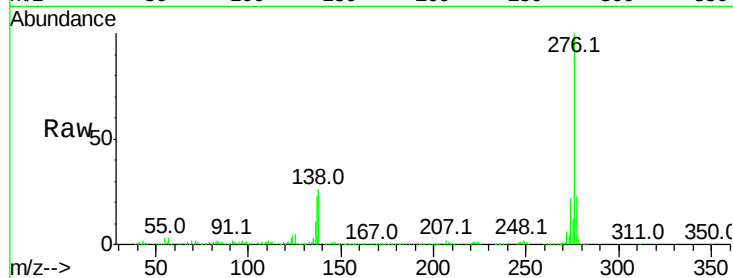
Tot Ion:276 Resp: 421306

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 26.0 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

