

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102469.D
 Acq On : 26 Jan 2018 15:33
 Operator : SJ/JU
 Sample : J1257-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 16:22:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	174083	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	671644	20.00	ng	0.01
38) Acenaphthene-d10	9.76	164	260713	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	310353	20.00	ng	0.02
75) Chrysene-d12	13.94	240	128053	20.00	ng	0.06
86) Perylene-d12	15.40	264	143302	20.00	ng	0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1277293	111.25	ng	0.02
7) Phenol-d6	6.38	99	1494227	107.95	ng	0.02
23) Nitrobenzene-d5	7.30	82	915807	78.36	ng	0.01
41) 2,4,6-Tribromophenol	10.56	330	199300	77.15	ng	0.02
44) 2-Fluorobiphenyl	9.09	172	1382851	77.99	ng	0.00
78) Terphenyl-d14	12.86	244	676602	119.12	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	191611	35.126	ng	96
3) Pyridine	3.10	79	572293	40.145	ng	98
4) n-Nitrosodimethylamine	3.06	42	289625	51.823	ng	97
6) Aniline	6.42	93	491782	26.862	ng	97
8) 2-Chlorophenol	6.52	128	521197	43.306	ng	99
9) Benzaldehyde	6.27	77	277442	34.477	ng	# 87
10) Phenol	6.40	94	684084	45.270	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	520000	45.245	ng	99
12) 1,3-Dichlorobenzene	6.66	146	551116	38.503	ng	99
13) 1,4-Dichlorobenzene	6.74	146	554648	38.684	ng	99
14) 1,2-Dichlorobenzene	6.89	146	506425	38.614	ng	99
15) Benzyl Alcohol	6.88	79	388251	39.755	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	760287	39.442	ng	60
17) 2-Methylphenol	7.00	107	411512	39.370	ng	# 89
18) Hexachloroethane	7.23	117	143625	28.746	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	358898	42.370	ng	99
20) 3+4-Methylphenols	7.15	107	525006	42.707	ng	95
22) Acetophenone	7.14	105	731341	45.678	ng	98
24) Nitrobenzene	7.32	77	499922	41.797	ng	97
25) Isophorone	7.55	82	951697	45.676	ng	99
26) 2-Nitrophenol	7.63	139	71779	11.403	ng	93
27) 2,4-Dimethylphenol	7.67	122	449551	49.181	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	618141	48.026	ng	97
29) 2,4-Dichlorophenol	7.87	162	417108	44.798	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	389421	39.017	ng	99
31) Naphthalene	8.03	128	1547518	46.148	ng	99
32) Benzoic acid	7.77	122	18029	2.354	ng	# 58
33) 4-Chloroaniline	8.09	127	387415	27.473	ng	99
34) Hexachlorobutadiene	8.14	225	202571	38.000	ng	98
35) Caprolactam	8.47	113	122766	39.923	ng	# 89
36) 4-Chloro-3-methylphenol	8.58	107	401654	40.925	ng	98
37) 2-Methylnaphthalene	8.72	142	965404	43.228	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	335270	42.743	ng	99
42) 2,4,6-Trichlorophenol	9.01	196	219553	41.813	ng	98

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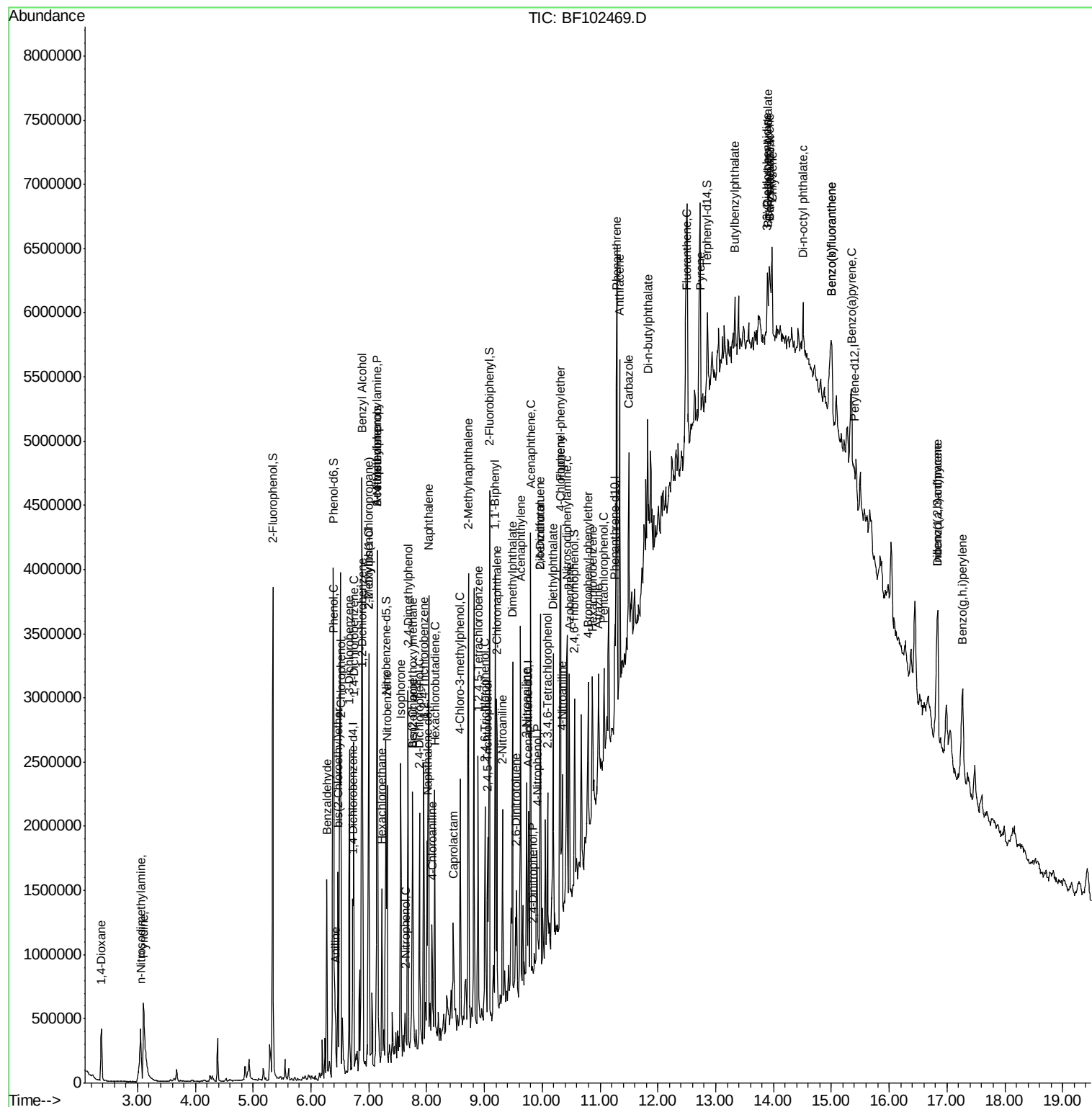
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	224564	37.984	nq	98
45) 1,1'-Biphenyl	9.19	154	999109	42.858	nq	99
46) 2-Chloronaphthalene	9.21	162	736681	40.655	nq	99
47) 2-Nitroaniline	9.32	65	280510	49.655	nq	95
48) Acenaphthylene	9.63	152	1200166	42.514	nq	99
49) Dimethylphthalate	9.49	163	1113231	51.659	nq	100
50) 2,6-Dinitrotoluene	9.56	165	104632	22.520	nq	87
51) Acenaphthene	9.80	154	743434	45.092	nq	99
52) 3-Nitroaniline	9.73	138	243225	44.253	nq	97
53) 2,4-Dinitrophenol	9.84	184	106	3.744	nq	# 1
54) Dibenzofuran	9.97	168	1062587	47.621	nq	97
55) 4-Nitrophenol	9.91	139	202946	55.938	nq	95
56) 2,4-Dinitrotoluene	9.96	165	95284	16.677	nq	# 77
57) Fluorene	10.32	166	870011	49.206	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	144199	34.161	nq	# 97
59) Diethylphthalate	10.19	149	805305	38.456	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	291388	38.012	nq	97
61) 4-Nitroaniline	10.35	138	233180	42.516	nq	93
62) Azobenzene	10.46	77	718468	37.474	nq	95
65) n-Nitrosodiphenylamine	10.43	169	619130	54.352	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	168232	50.355	nq	99
67) Hexachlorobenzene	10.87	284	153021	40.954	nq	96
68) Atrazine	10.97	200	162437	48.282	nq	93
69) Pentachlorophenol	11.07	266	125823	64.103	nq	99
70) Phenanthrene	11.29	178	2325022	128.561	nq	99
71) Anthracene	11.34	178	1368231	74.122	nq	99
72) Carbazole	11.49	167	849062	47.148	nq	96
73) Di-n-butylphthalate	11.82	149	894203	39.725	nq	99
74) Fluoranthene	12.50	202	2682048	145.429	nq	98
77) Pyrene	12.73	202	2284352	230.729	nq	97
79) Butylbenzylphthalate	13.33	149	260199	52.810	nq	96
80) Benzo(a)anthracene	13.93	228	1324671	168.024	nq	95
81) 3,3'-Dichlorobenzidine	13.89	252	55440	19.170	nq	# 87
82) Chrysene	13.97	228	965913	120.649	nq	97
83) Bis(2-ethylhexyl)phthalate	13.90	149	431187	65.120	nq	# 97
84) Di-n-octyl phthalate	14.51	149	503446	46.753	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.84	276	968197	146.434	nq	94
87) Benzo(b)fluoranthene	14.99	252	1845914	198.739	nq	# 91
88) Benzo(k)fluoranthene	14.99	252	1845914	210.355	nq	# 94
89) Benzo(a)pyrene	15.35	252	1005125	119.988	nq	# 91
90) Dibenzo(a,h)anthracene	16.84	278	474570	69.937	nq	# 92
91) Benzo(g,h,i)perylene	17.27	276	875390	130.653	nq	96

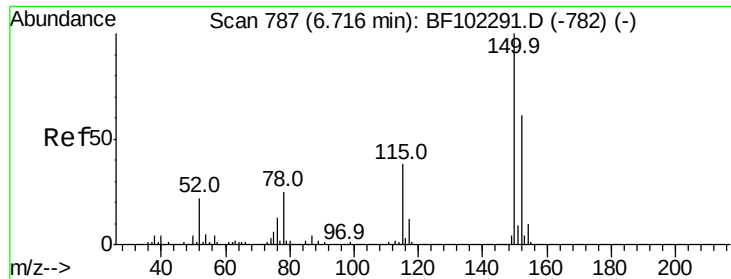
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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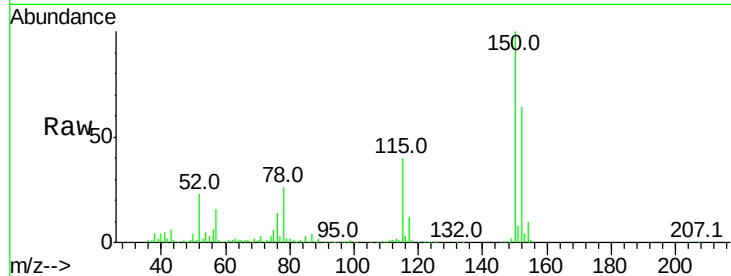


#1

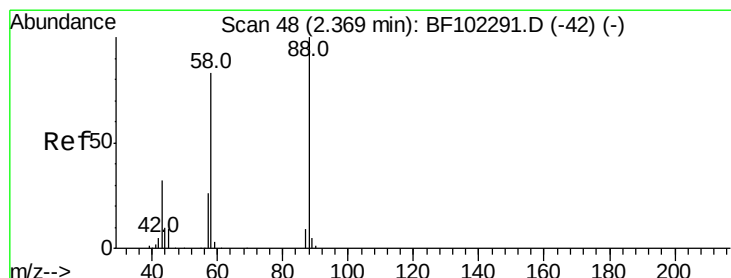
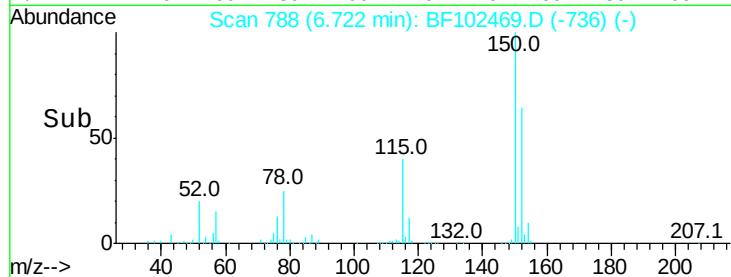
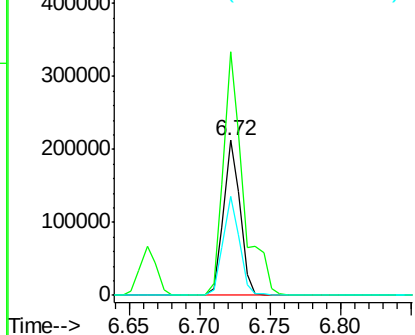
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174083
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 63.7 50.1 75.1



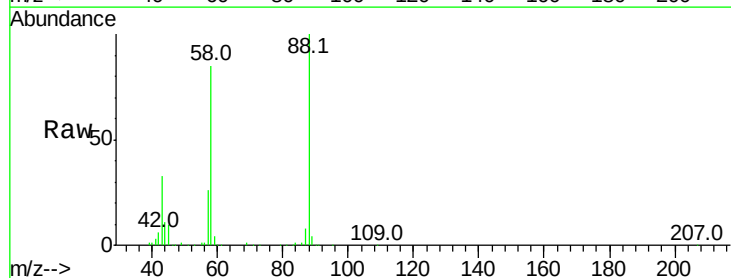
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



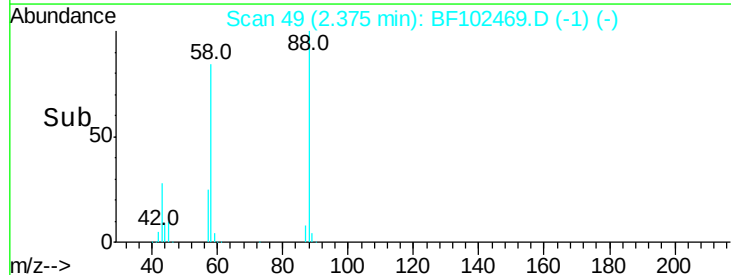
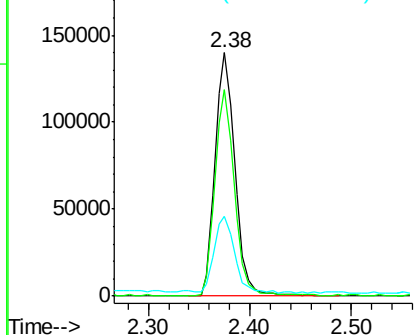
#2

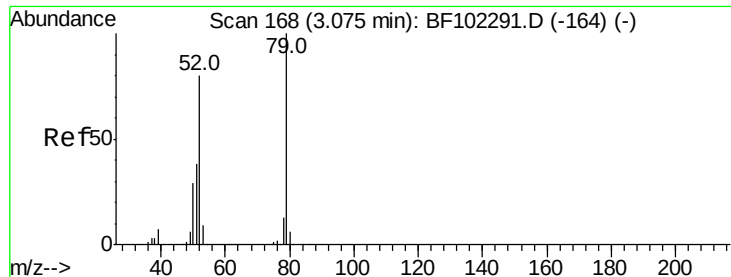
1,4-Dioxane
Concen: 35.126 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion: 88 Resp: 191611
Ion Ratio Lower Upper
88 100
58 82.4 62.6 93.8
43 32.7 24.6 37.0



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





#3

Pvridine

Concen: 40.145 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.03 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

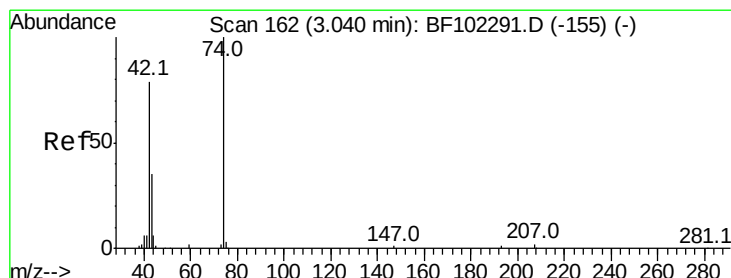
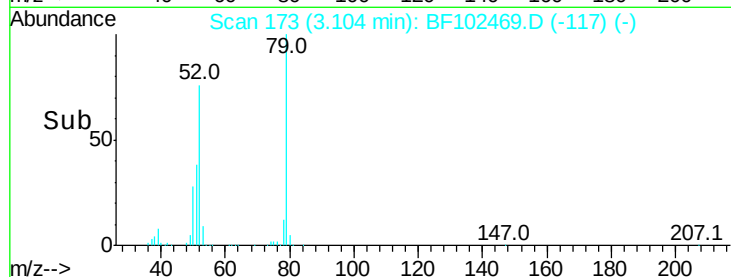
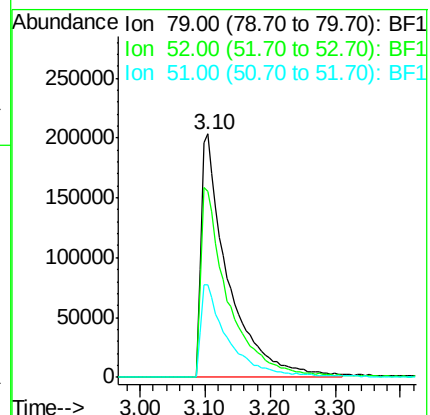
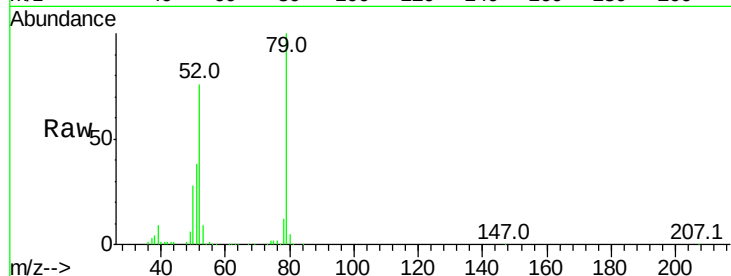
Tot Ion: 79 Resp: 572293

Ion Ratio Lower Upper

79 100

52 76.4 59.8 89.6

51 38.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 51.823 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

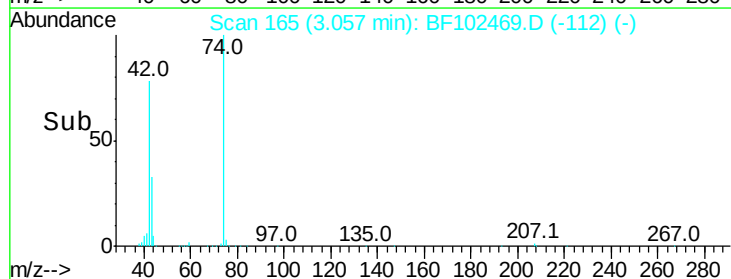
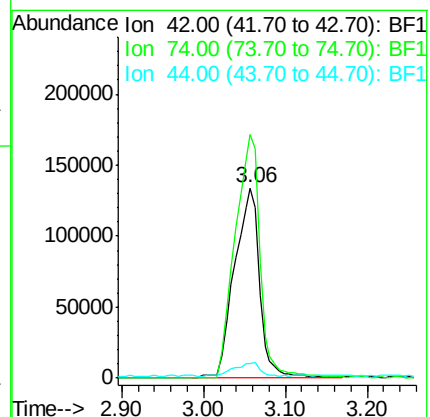
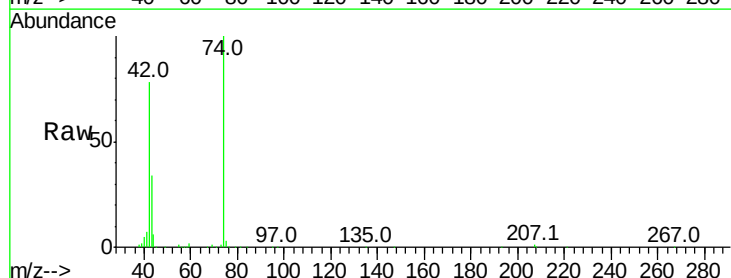
Tgt Ion: 42 Resp: 289625

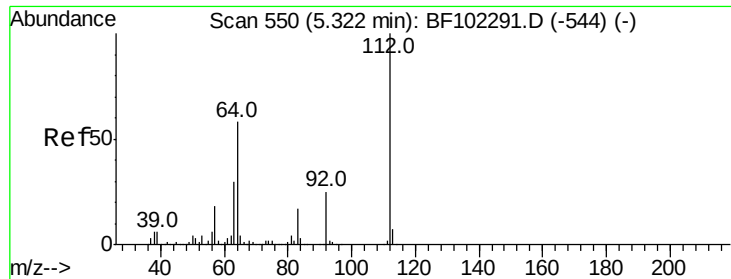
Ion Ratio Lower Upper

42 100

74 128.0 104.9 157.3

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 111.252 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampled :

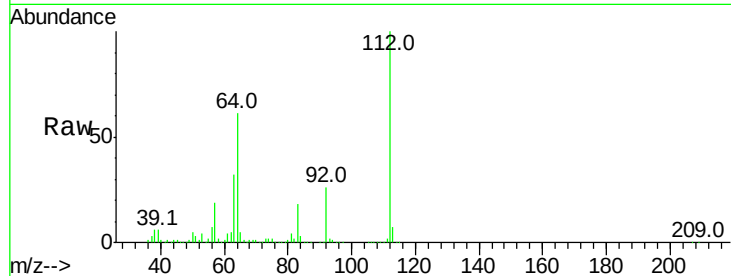
Tot Ion:112 Resp: 1277293

Ion Ratio Lower Upper

112 100

64 61.0 47.9 71.9

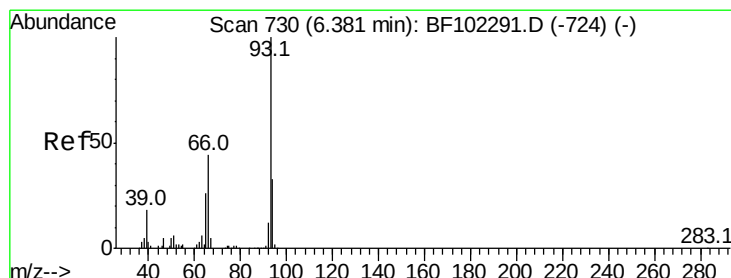
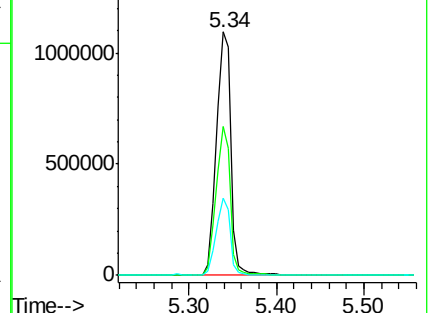
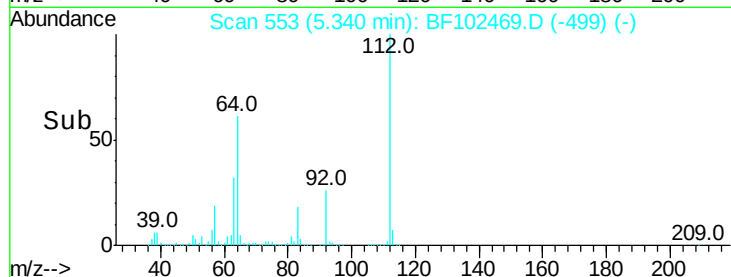
63 31.7 23.7 35.5



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: 26.862 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.04 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

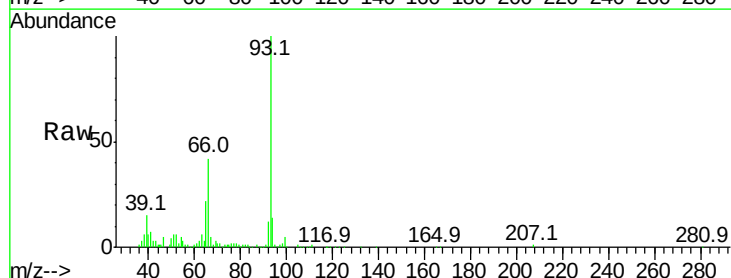
Tgt Ion: 93 Resp: 491782

Ion Ratio Lower Upper

93 100

66 42.1 32.2 48.2

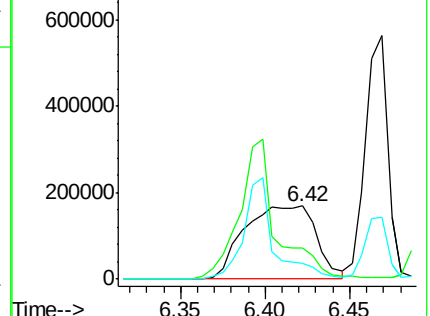
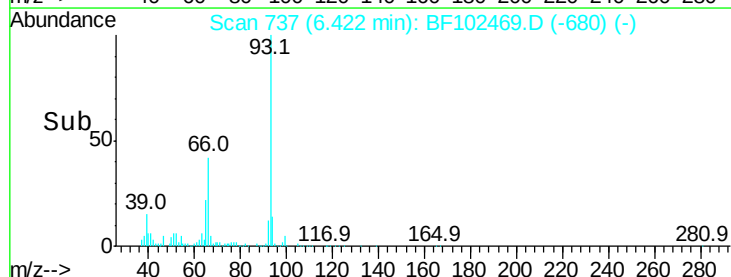
65 22.0 16.4 24.6

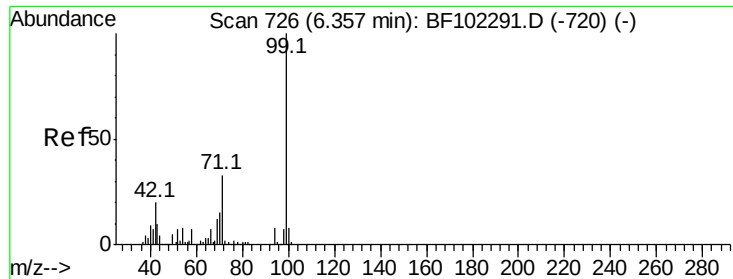


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.953 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

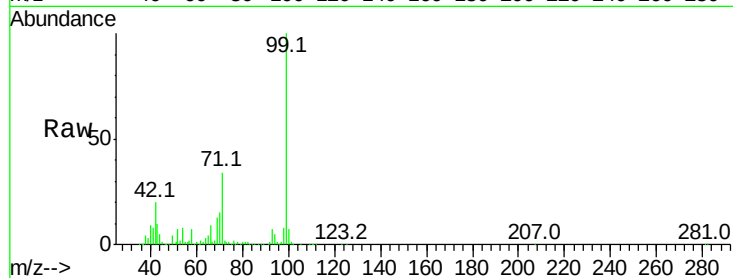
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1494227

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	34.2	25.4	38.0

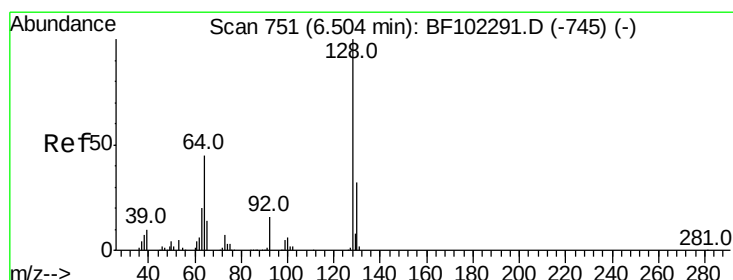
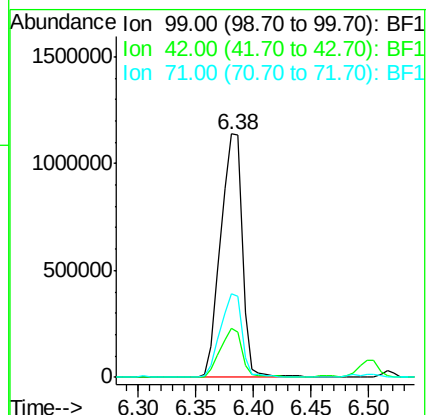
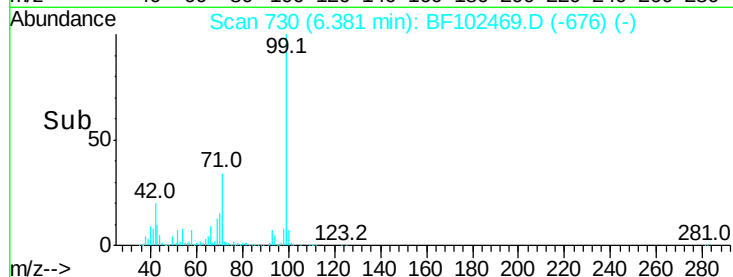


Abundance

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: 43.306 ng

RT: 6.52 min Scan# 753

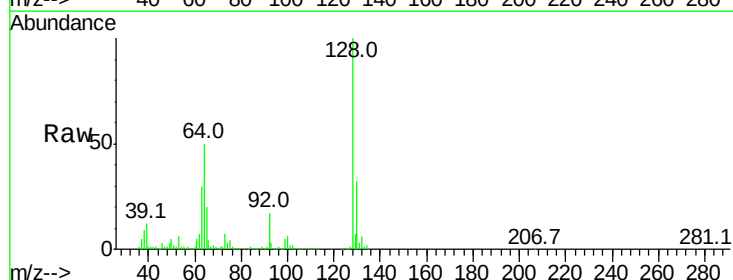
Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Tgt Ion:128 Resp: 521197

Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.0	53.0
64	49.7	29.4	69.4

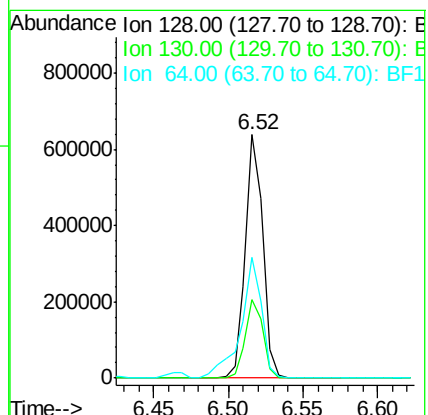
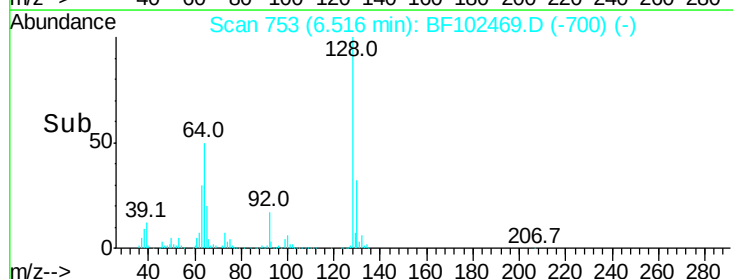


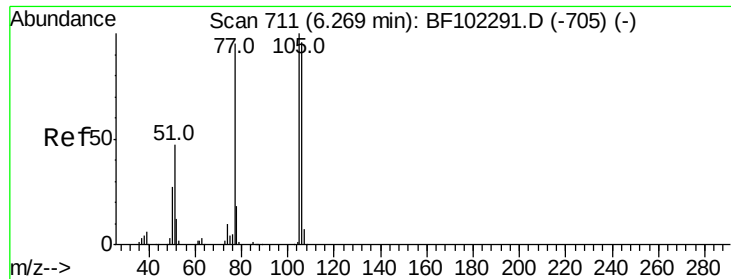
Abundance

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: 34.477 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.01 min

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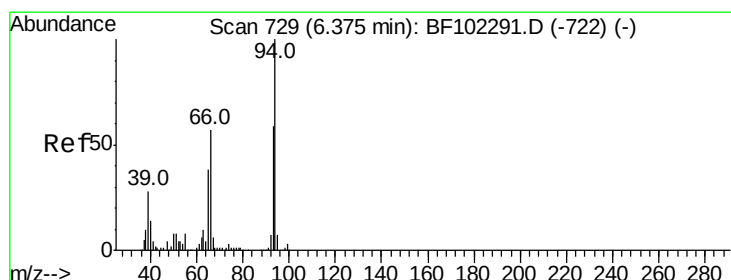
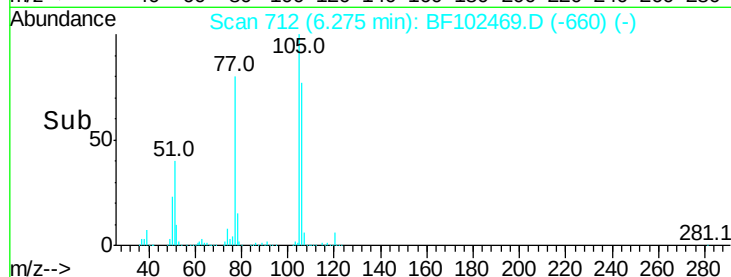
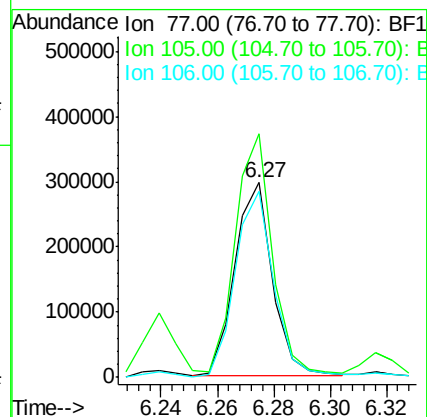
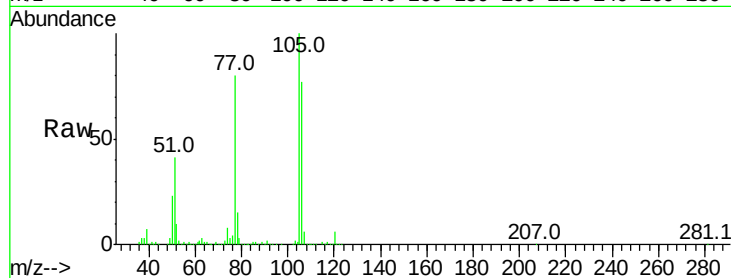
Tot Ion: 77 Resp: 277442

Ion Ratio Lower Upper

77 100

105 124.9 81.1 121.1#

106 95.7 74.5 114.5



#10

Phenol

Concen: 45.270 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF102469.D

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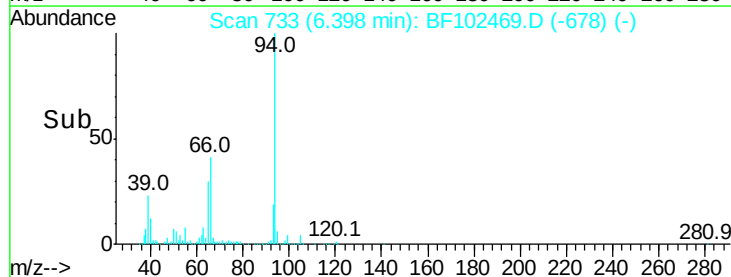
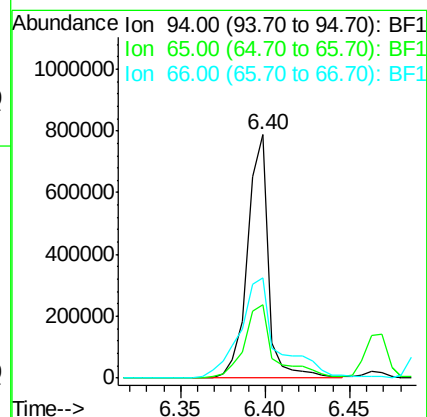
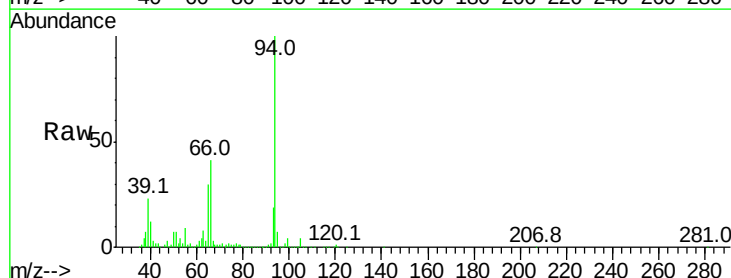
Tgt Ion: 94 Resp: 684084

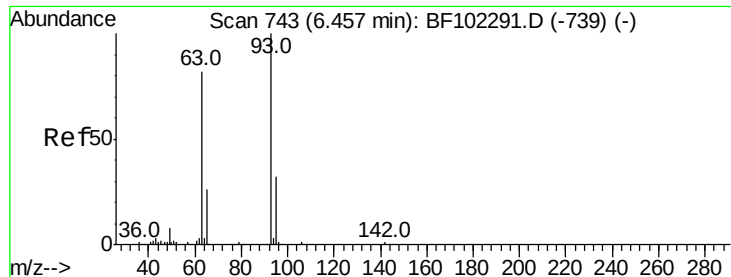
Ion Ratio Lower Upper

94 100

65 30.0 7.9 47.9

66 41.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 45.245 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

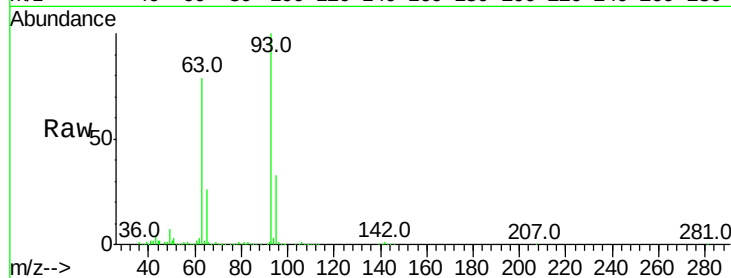
Tot Ion: 93 Resp: 520000

Ion Ratio Lower Upper

93 100

63 79.3 58.6 98.6

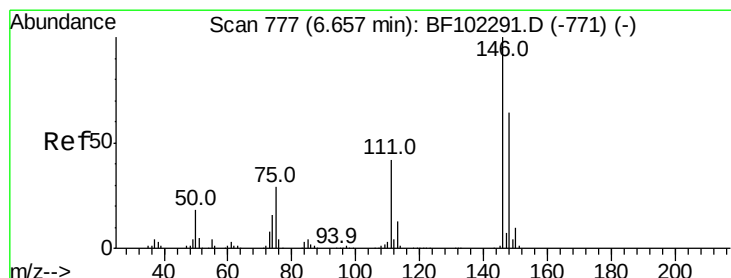
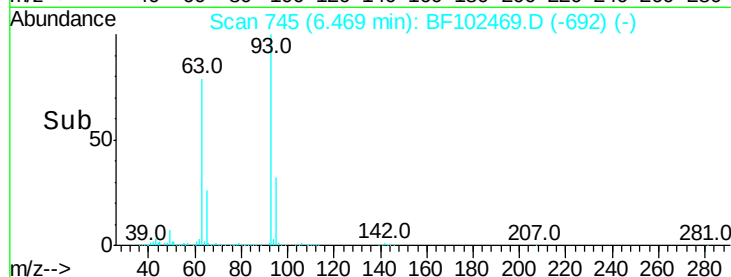
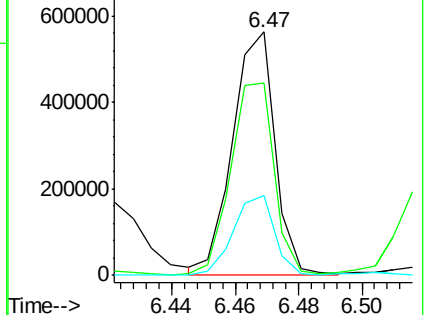
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.503 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

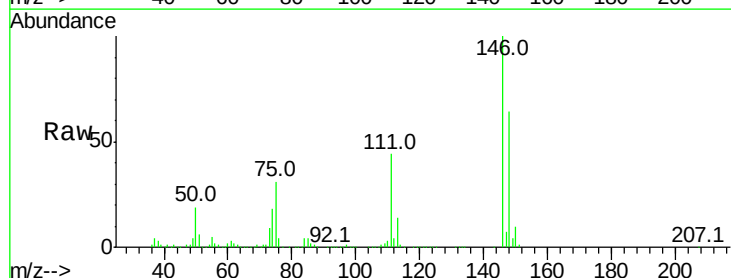
Tgt Ion: 146 Resp: 551116

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

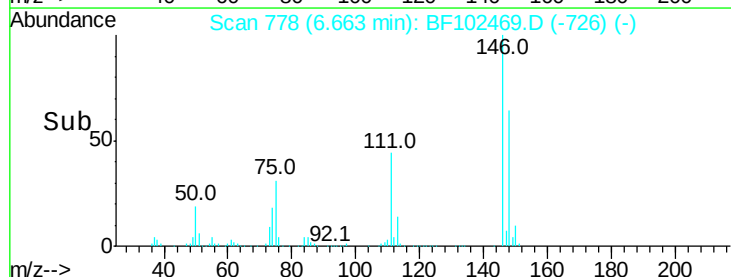
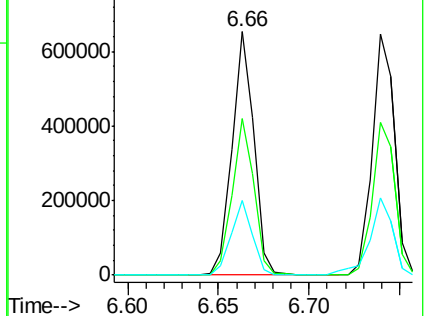
75 30.7 24.2 36.4

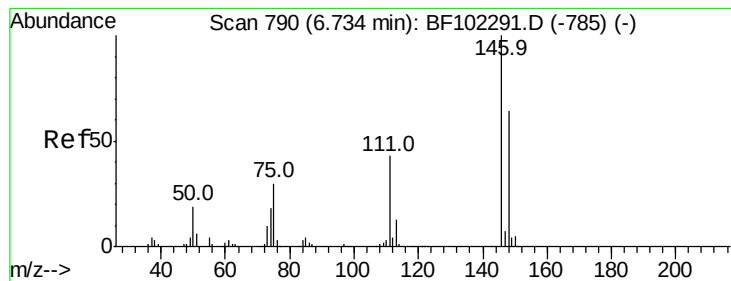


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.684 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampled :

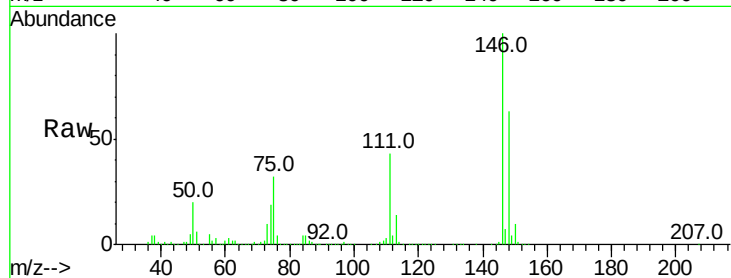
Tot Ion:146 Resp: 554648

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

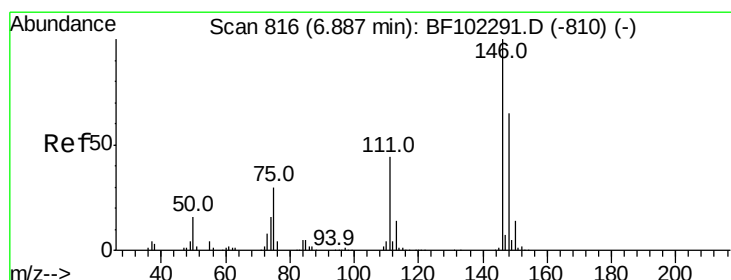
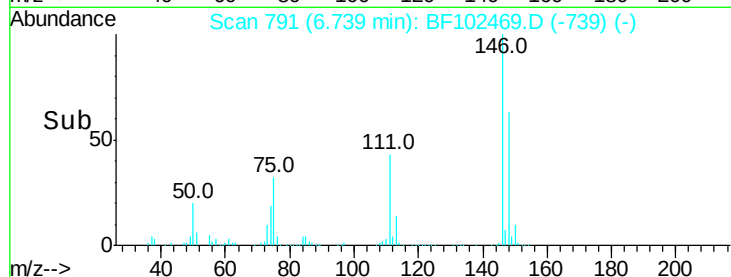
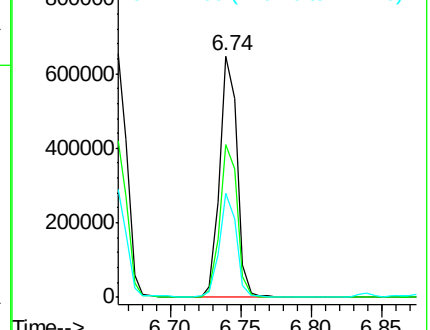
111 43.3 34.2 51.2



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: 38.614 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

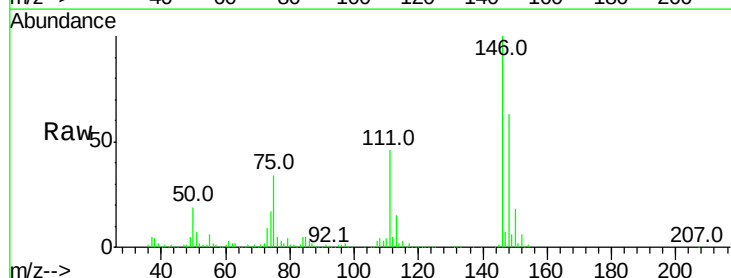
Tgt Ion:146 Resp: 506425

Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

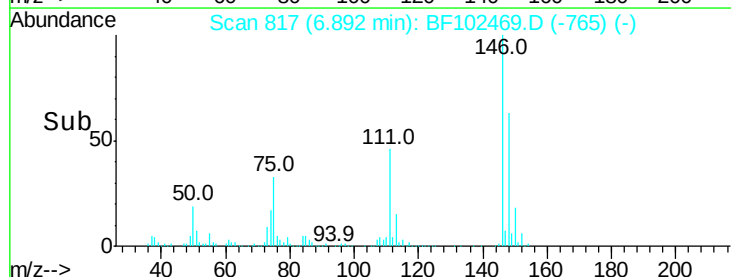
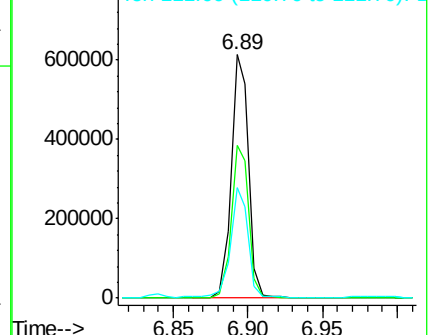
111 45.6 36.0 54.0

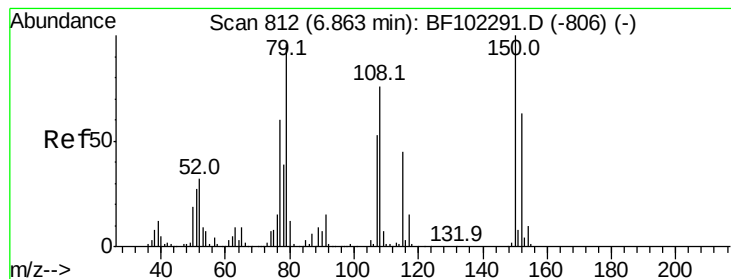


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.755 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

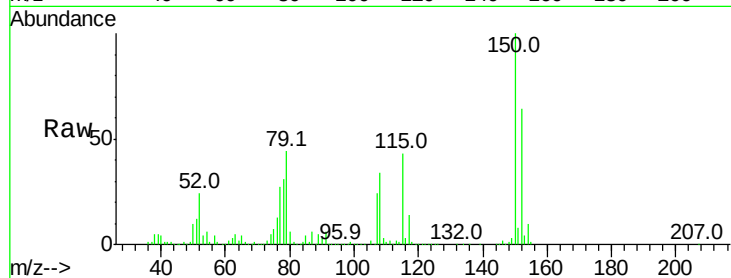
Tot Ion: 79 Resp: 388251

Ion Ratio Lower Upper

79 100

108 78.2 65.1 97.7

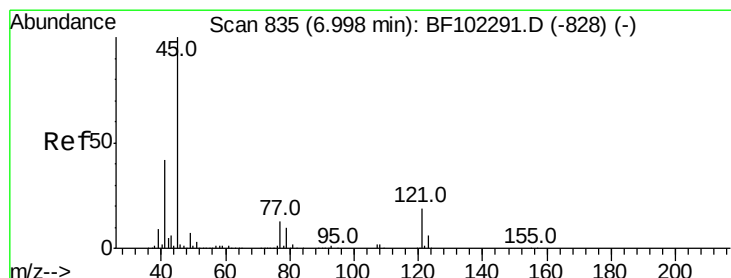
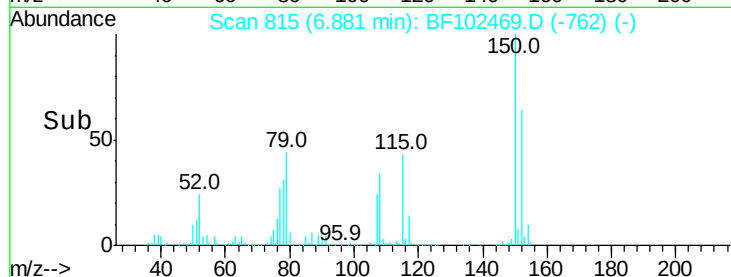
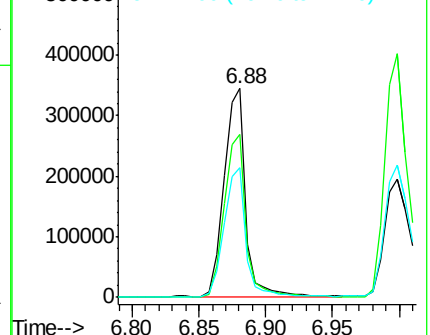
77 62.0 50.6 75.8



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: 39.442 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

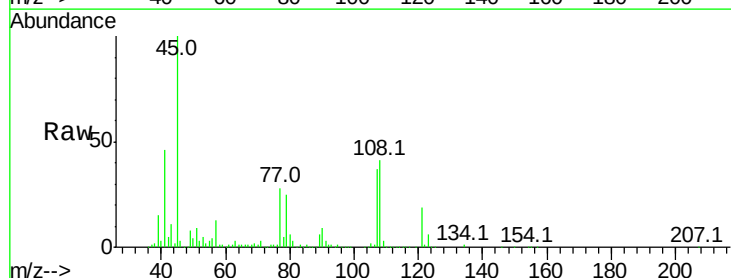
Tgt Ion: 45 Resp: 760287

Ion Ratio Lower Upper

45 100

77 27.9 0.0 32.9

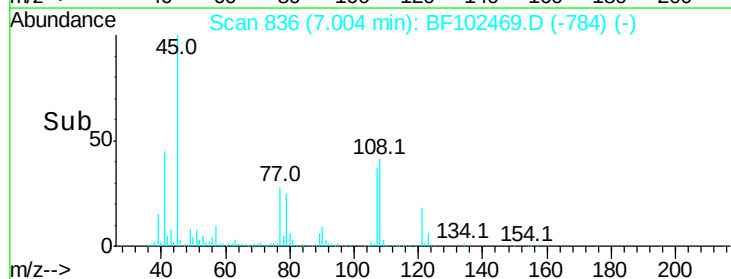
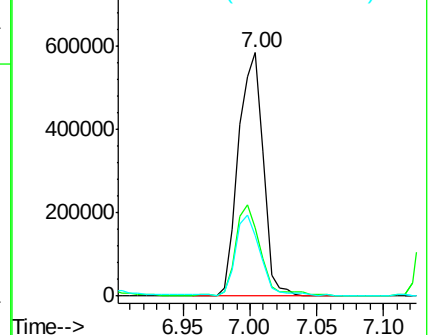
79 25.1 0.0 29.6

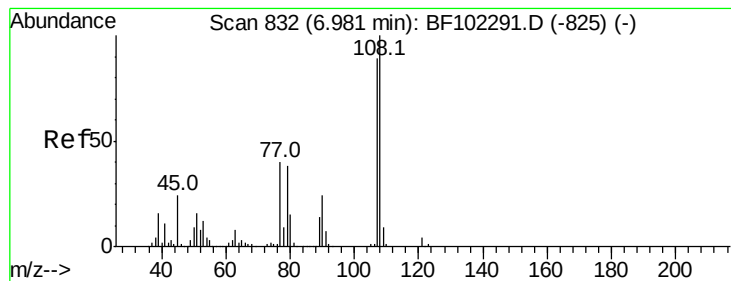


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

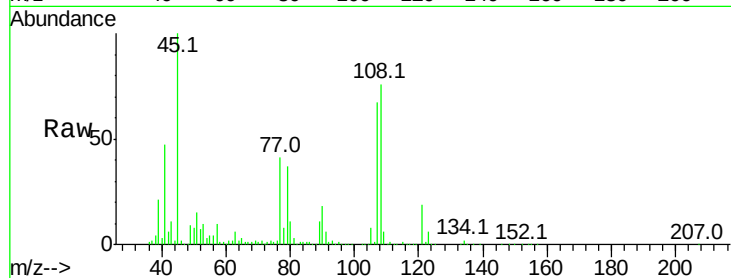




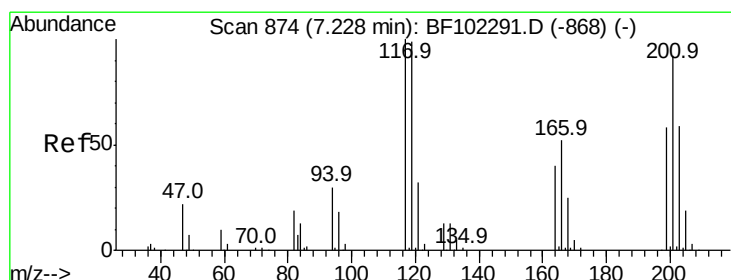
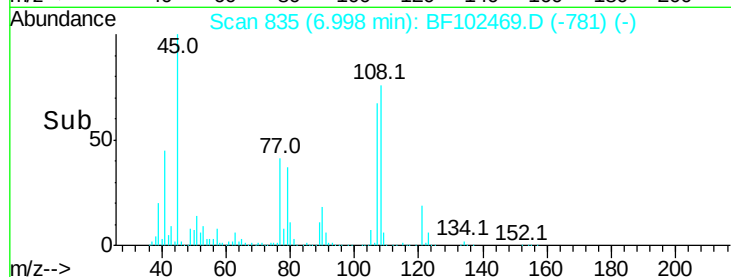
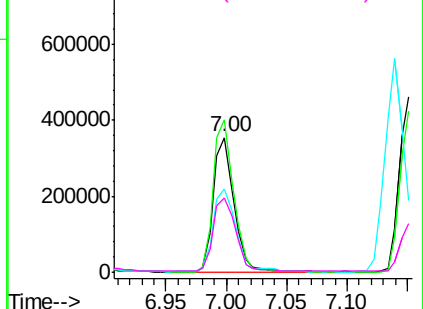
#17
2-Methylphenol
Concen: 39.370 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.02 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 411512
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 61.5 33.8 50.8#
79 55.1 33.8 50.8#

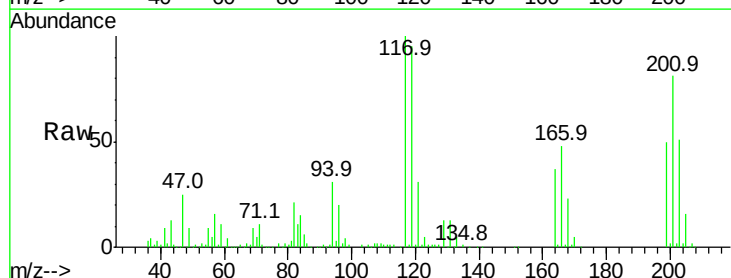


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

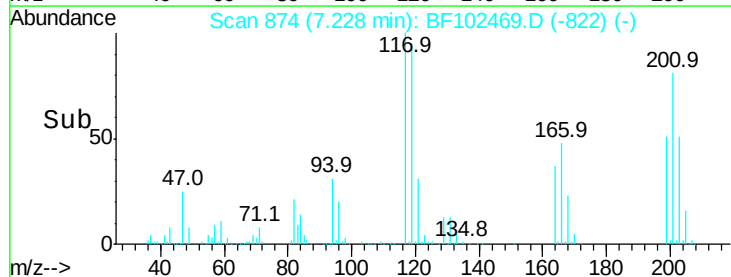
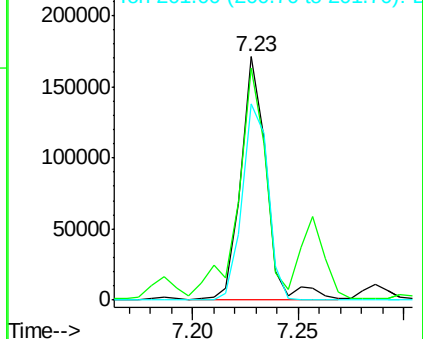


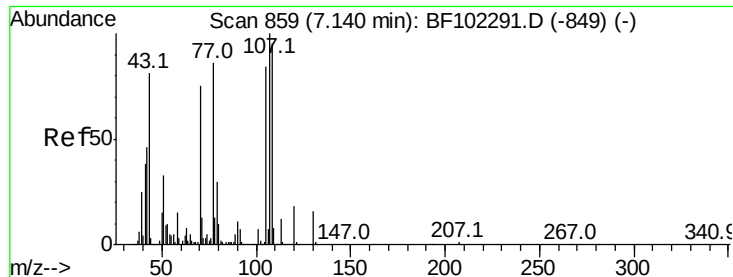
#18
Hexachloroethane
Concen: 28.746 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion:117 Resp: 143625
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8
201 80.6 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

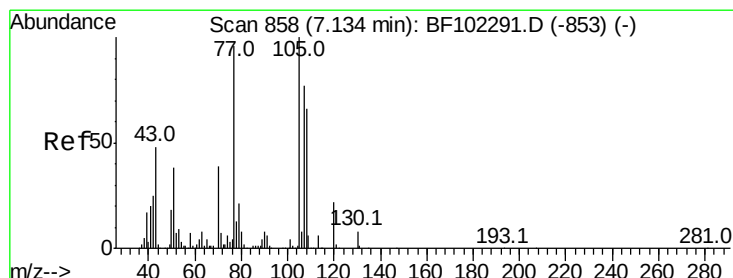
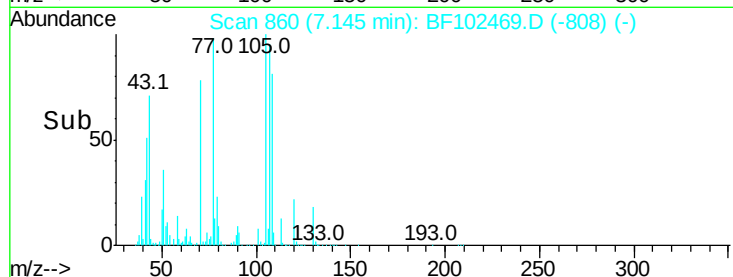
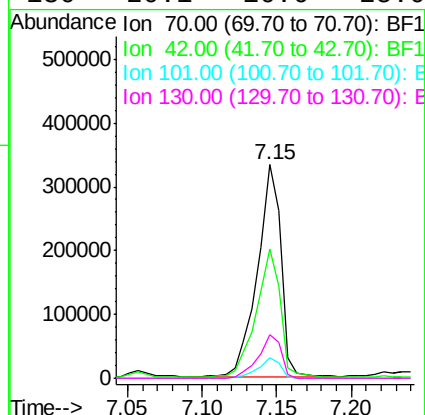
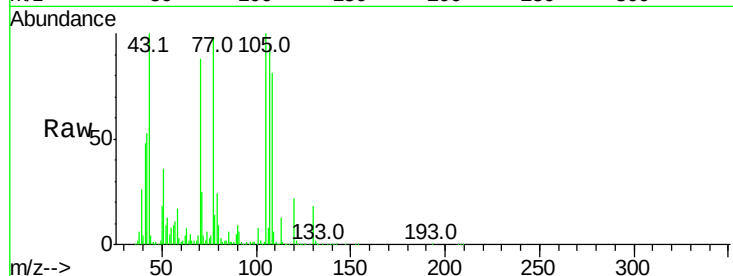




#19
n-Nitroso-di-n-propylamine
Concen: 42.370 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

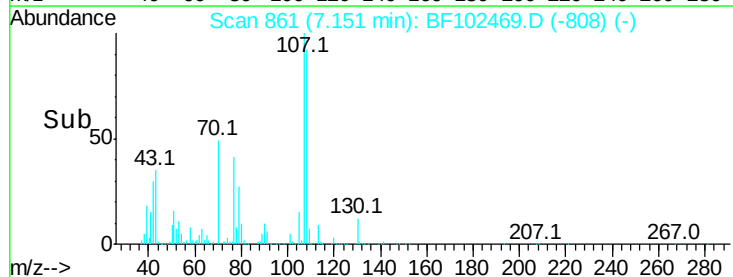
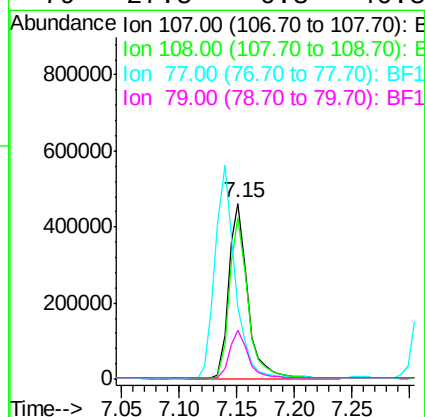
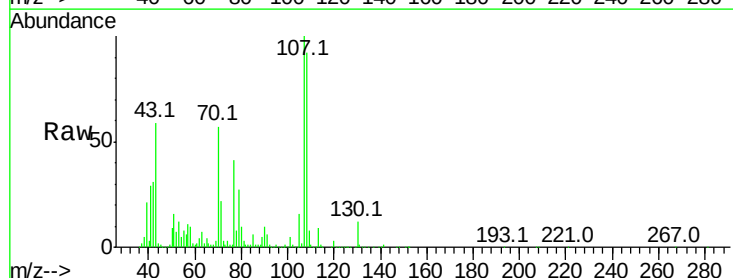
Instrument :
BNA_F
ClientSampleId :

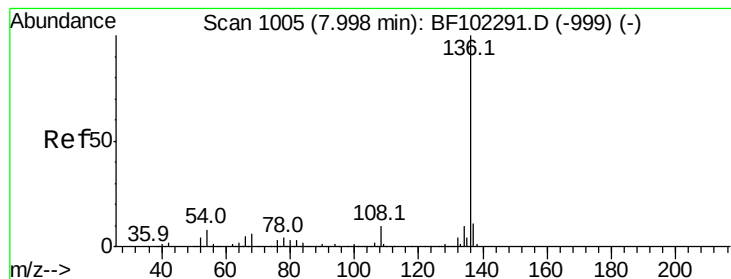
Tot Ion:	70	Resp:	358898
Ion	Ratio	Lower	Upper
70	100		
42	60.4	47.5	71.3
101	9.5	7.4	11.2
130	20.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.707 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion:	107	Resp:	525006
Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.2	108.2
77	41.0	26.7	66.7
79	27.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 671644

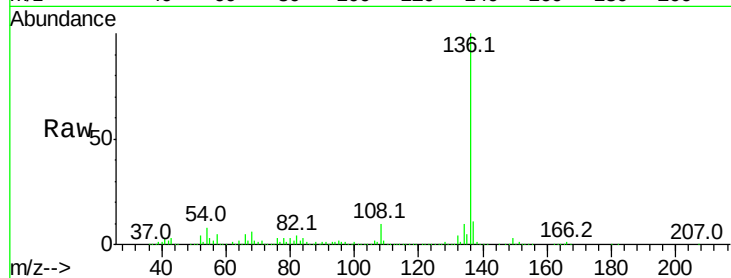
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 6.6 9.8

68 5.7 5.0 7.4

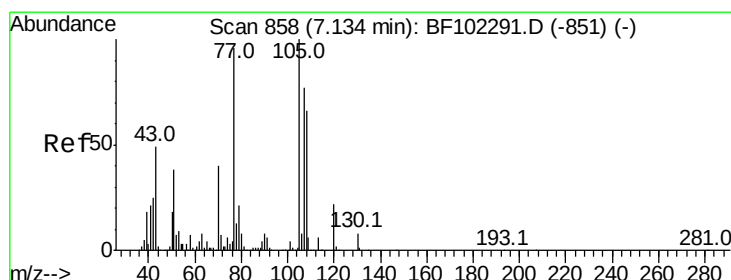
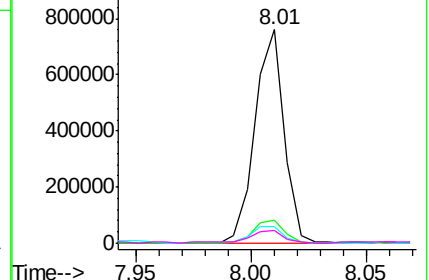
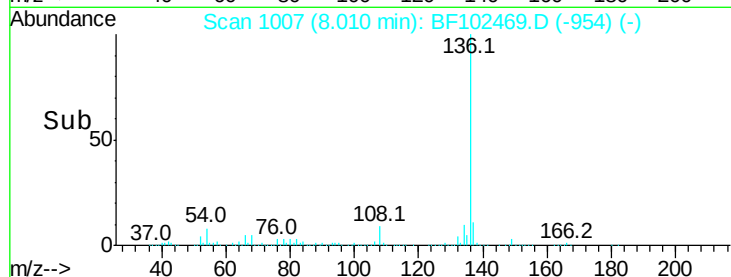


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.678 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Tgt Ion:105 Resp: 731341

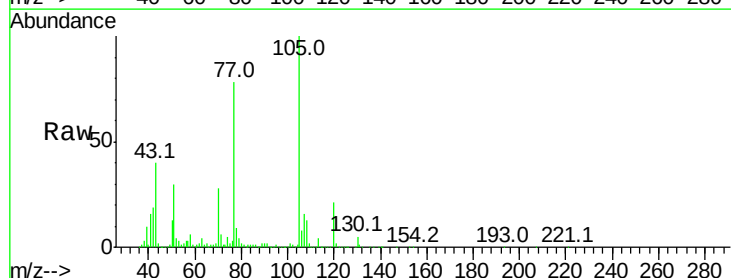
Ion Ratio Lower Upper

105 100

71 6.2 4.4 6.6

51 29.8 22.3 33.5

120 21.5 16.9 25.3

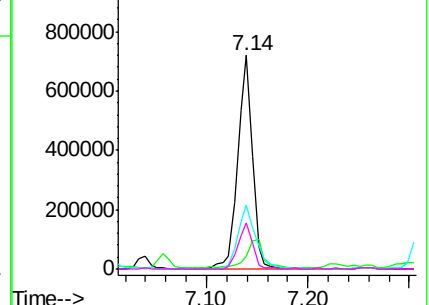
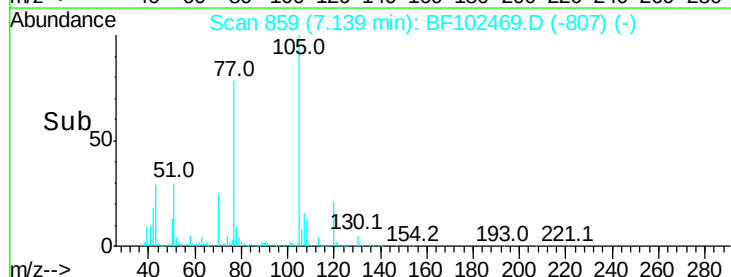


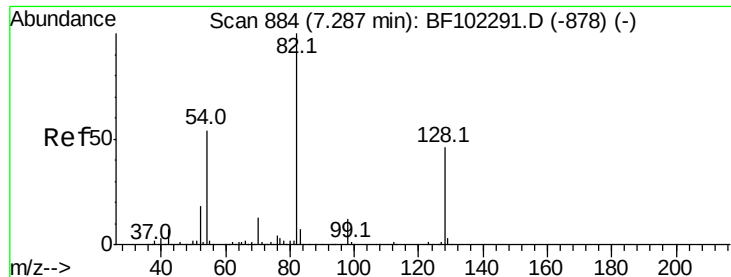
Abundance Ion 105.00 (104.70 to 105.70): E

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

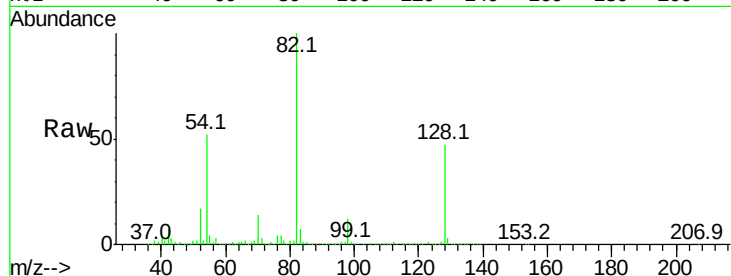




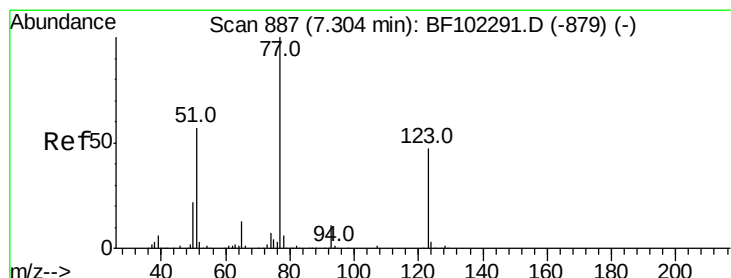
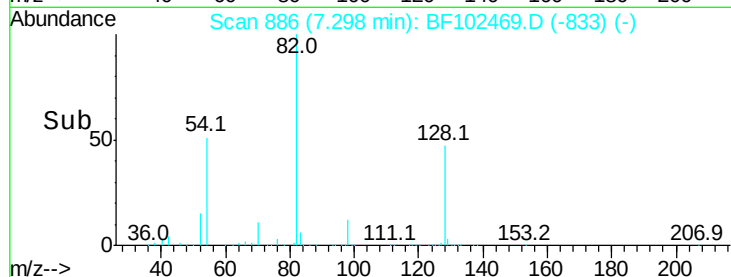
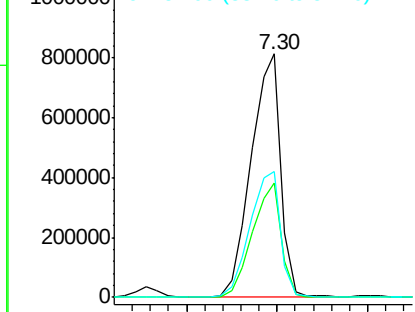
#23
 Nitrobenzene-d5
 Concen: 78.358 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 915807
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 51.6 41.4 62.2

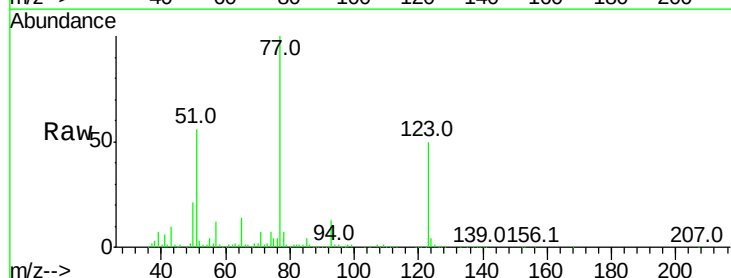


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

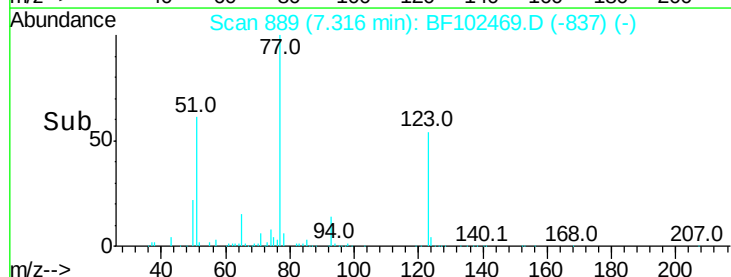
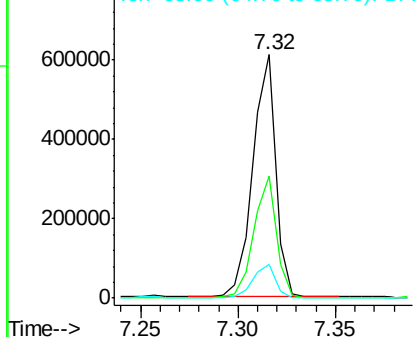


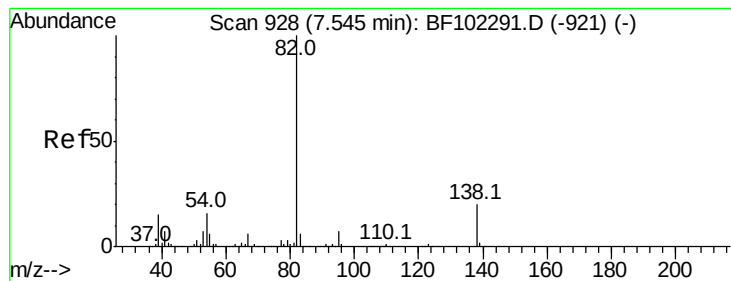
#24
 Nitrobenzene
 Concen: 41.797 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Tgt Ion: 77 Resp: 499922
 Ion Ratio Lower Upper
 77 100
 123 49.9 37.9 56.9
 65 13.8 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: 45.676 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

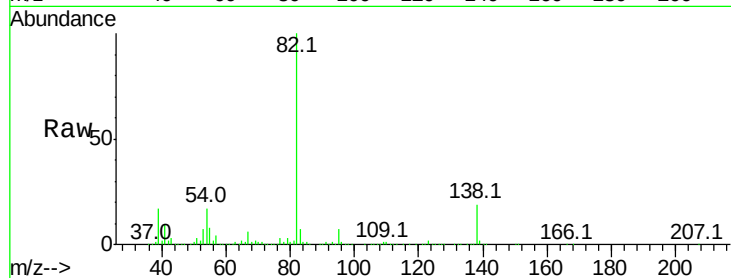
Tot Ion: 82 Resp: 951697

Ion Ratio Lower Upper

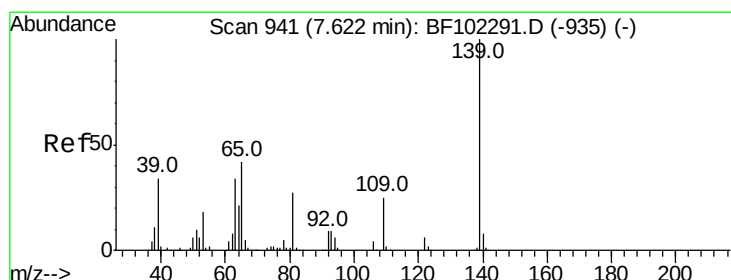
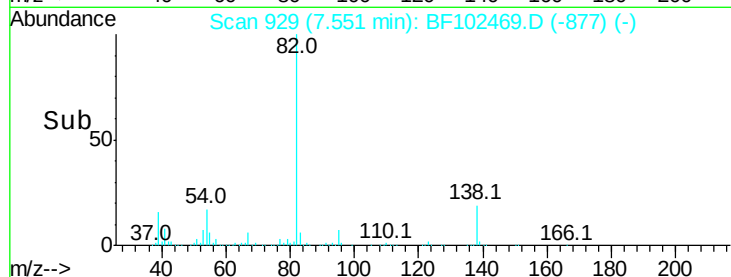
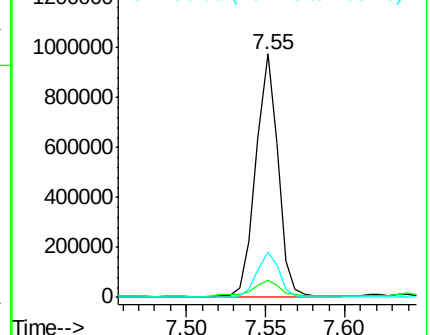
82 100

95 7.2 5.2 7.8

138 18.6 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: 11.403 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

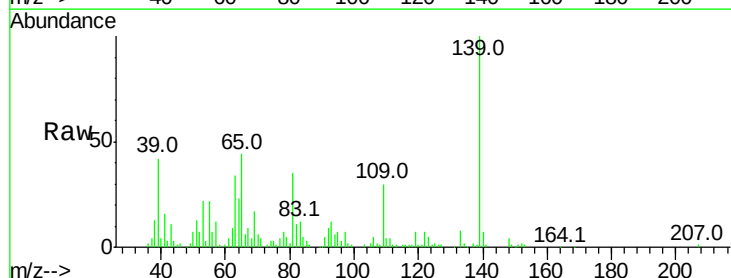
Tgt Ion: 139 Resp: 71779

Ion Ratio Lower Upper

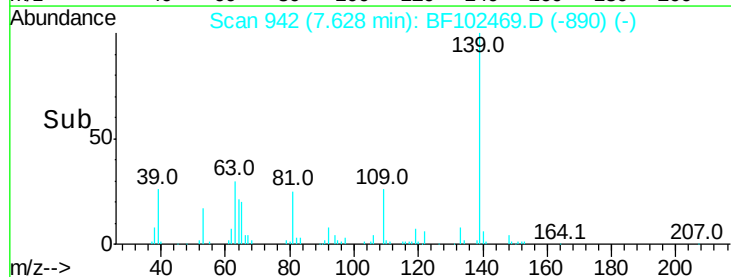
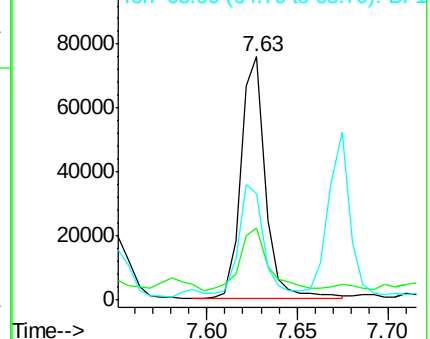
139 100

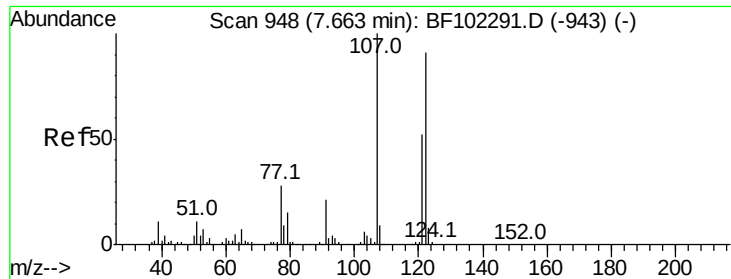
109 29.5 22.7 34.1

65 43.9 40.5 60.7



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

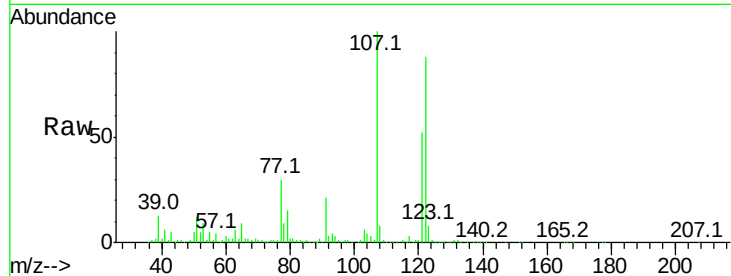




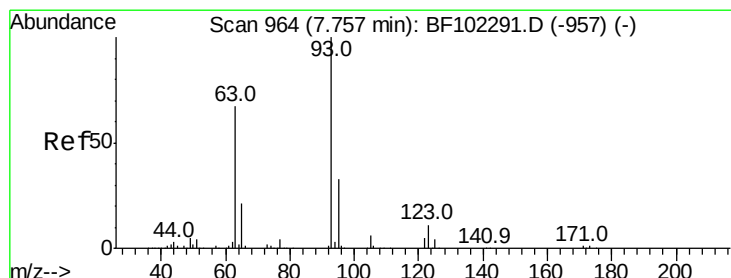
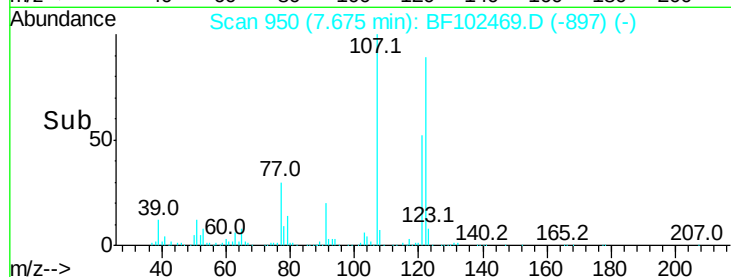
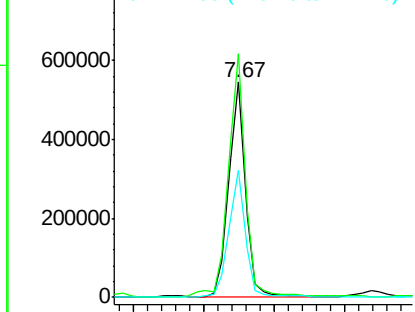
#27
 2,4-Dimethylphenol
 Concen: 49.181 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 449551
 Ion Ratio Lower Upper
 122 100
 107 113.1 91.2 136.8
 121 59.2 47.2 70.8

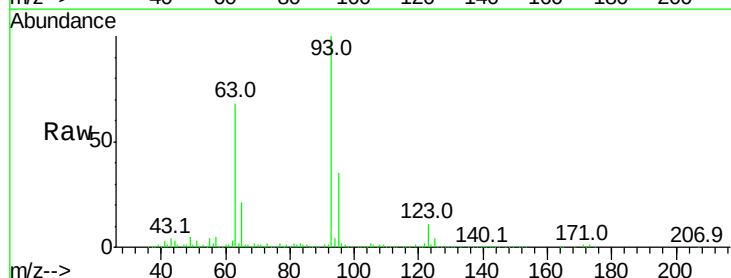


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

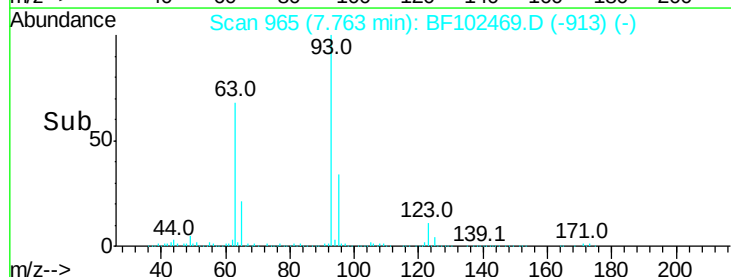
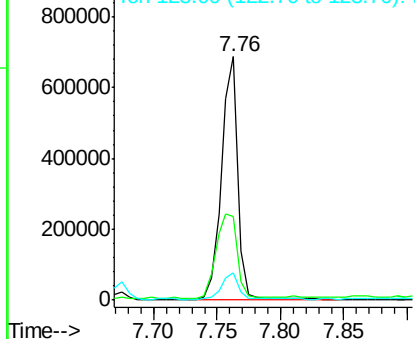


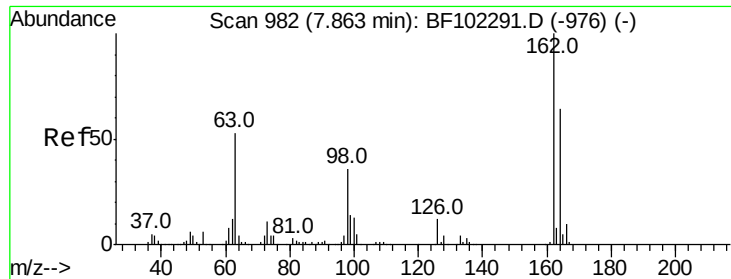
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.026 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Tgt Ion: 93 Resp: 618141
 Ion Ratio Lower Upper
 93 100
 95 34.5 26.3 39.5
 123 11.3 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

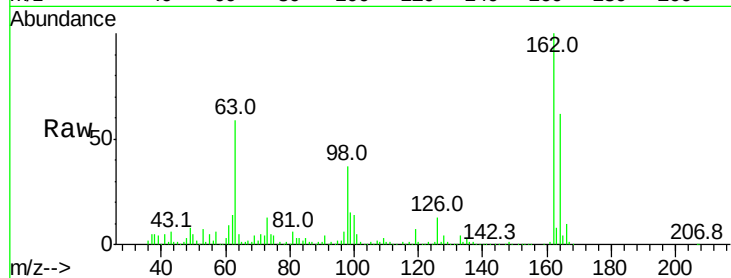




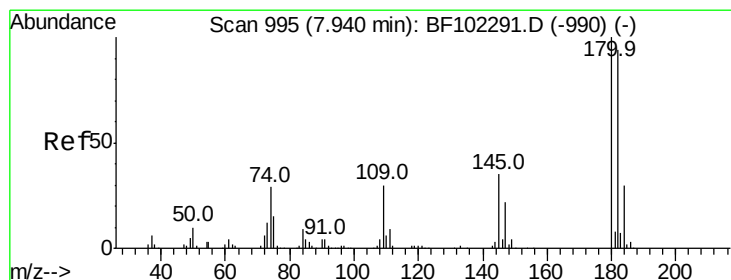
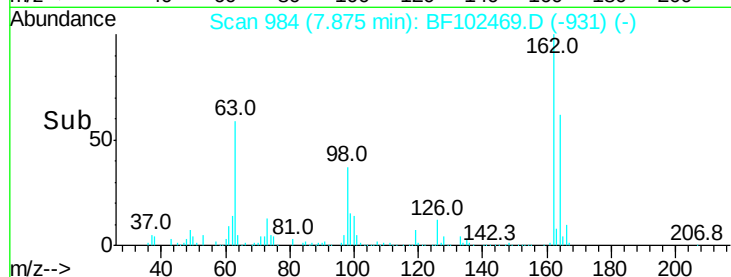
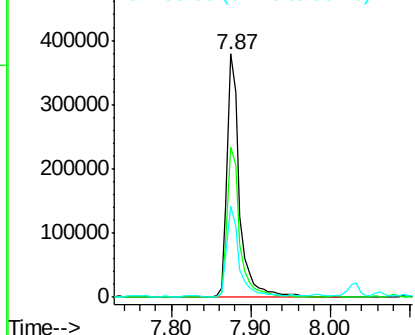
#29
2,4-Dichlorophenol
Concen: 44.798 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 417108
Ion Ratio Lower Upper
162 100
164 61.9 42.7 82.7
98 37.2 18.1 58.1

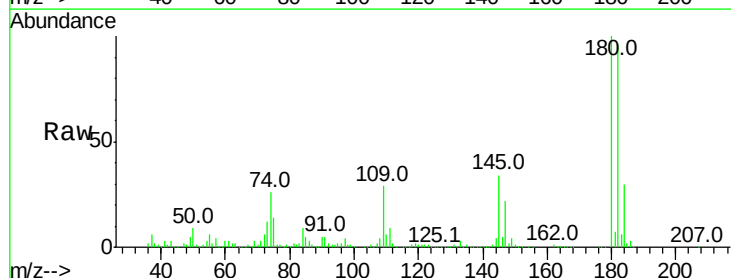


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

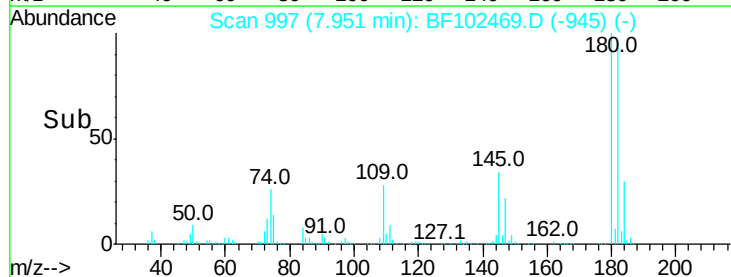
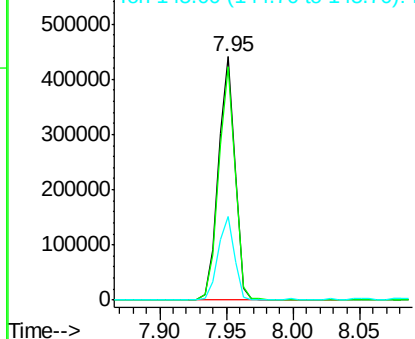


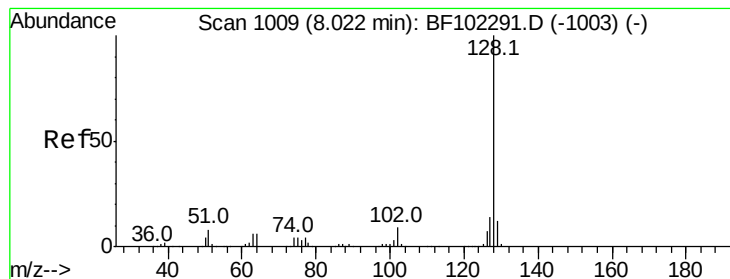
#30
1,2,4-Trichlorobenzene
Concen: 39.017 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion:180 Resp: 389421
Ion Ratio Lower Upper
180 100
182 96.1 76.8 115.2
145 34.2 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: 46.148 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

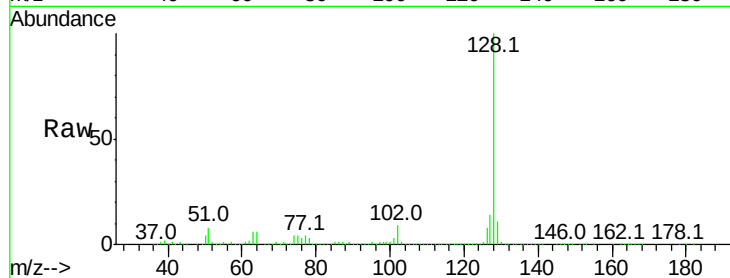
Tot Ion:128 Resp: 1547518

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

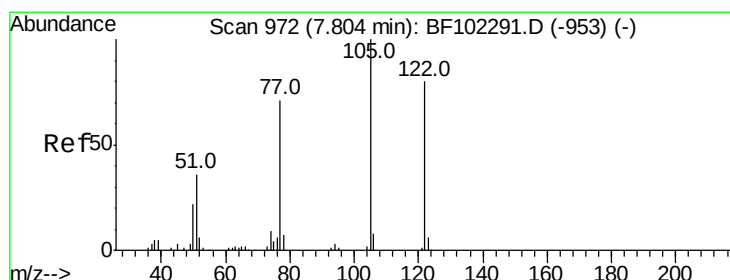
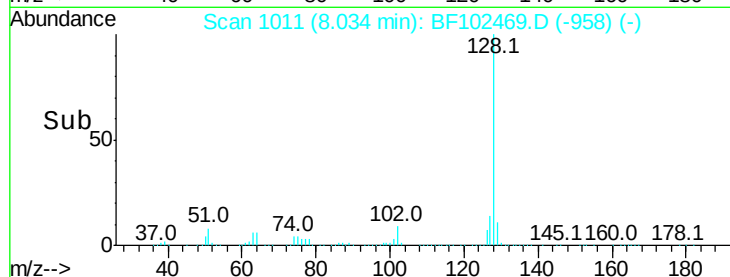
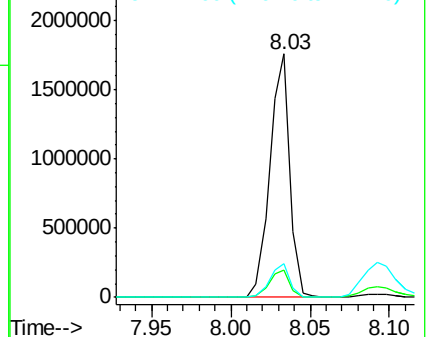
127 13.9 10.9 16.3



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: 2.354 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.04 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

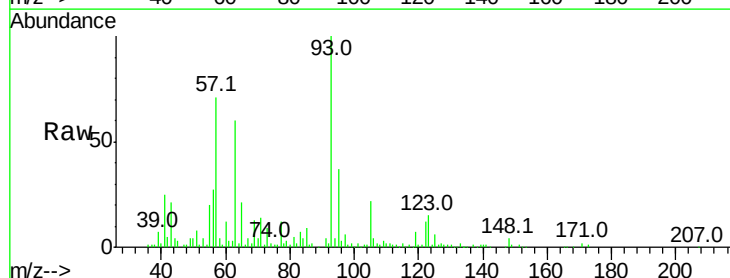
Tgt Ion:122 Resp: 18029

Ion Ratio Lower Upper

122 100

105 188.7 101.1 141.1#

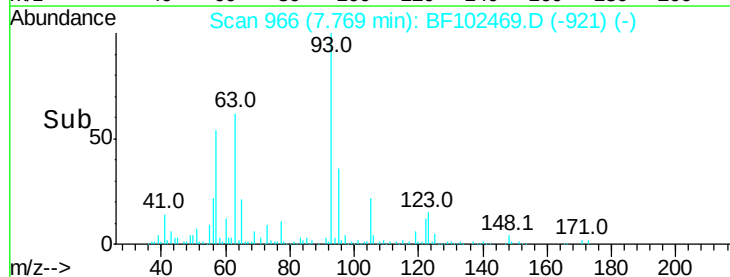
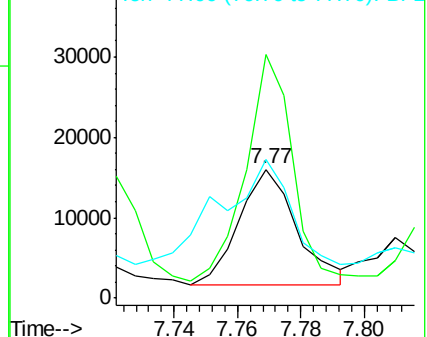
77 107.9 70.7 110.7

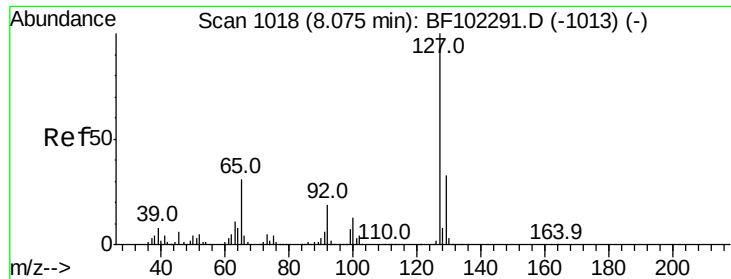


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

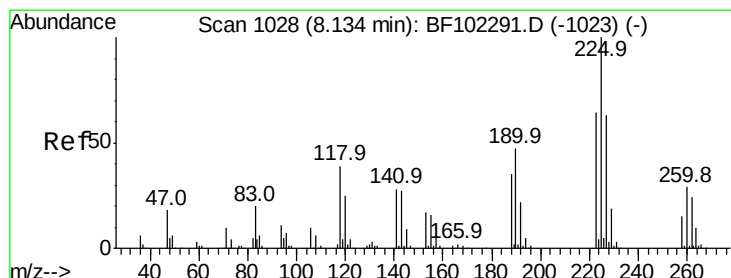
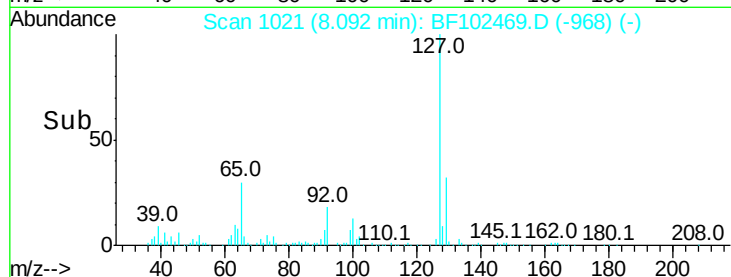
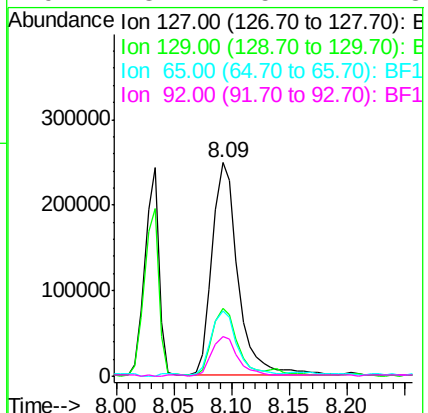
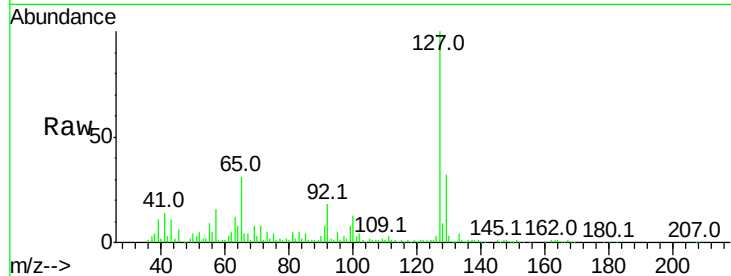




#33
4-Chloroaniline
Concen: 27.473 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

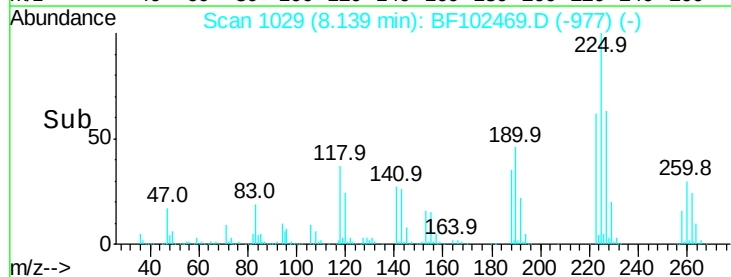
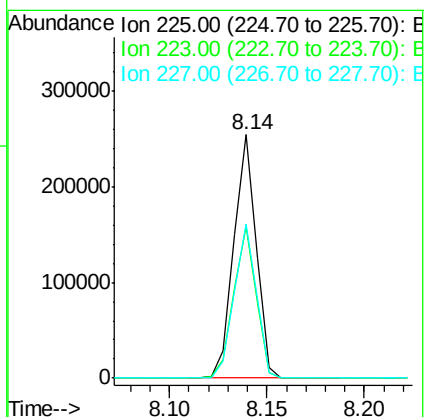
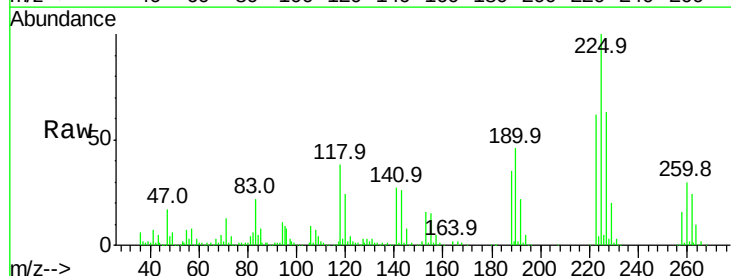
Instrument :
BNA_F
ClientSampleId :

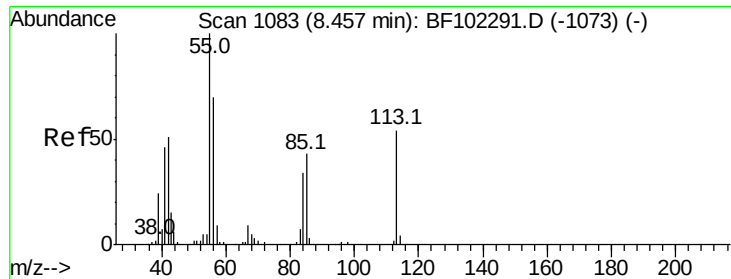
Tot Ion:	127	Resp:	387415
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	30.7	25.0	37.4
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion:	225	Resp:	202571
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	63.1	51.9	77.9





#35

Caprolactam

Concen: 39.923 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

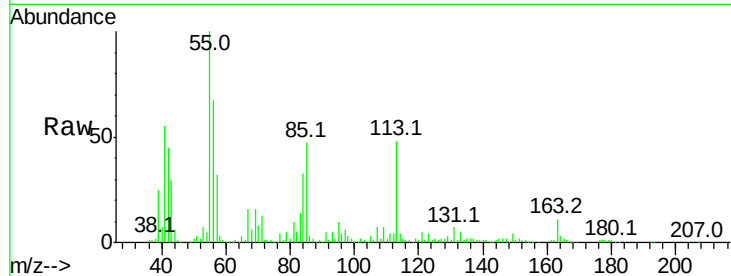
Tot Ion:113 Resp: 122766

Ion Ratio Lower Upper

113 100

55 208.4 163.3 203.3#

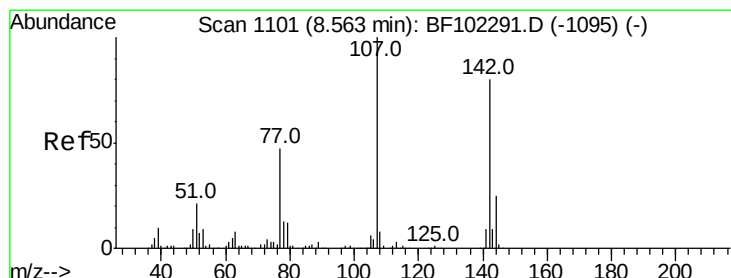
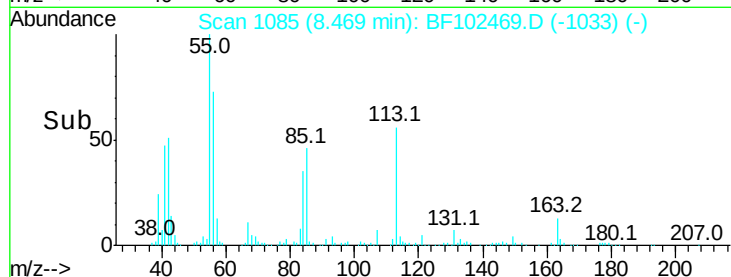
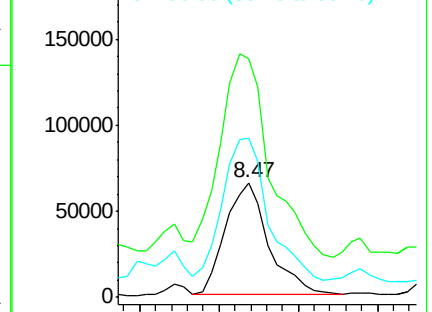
56 139.3 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.925 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

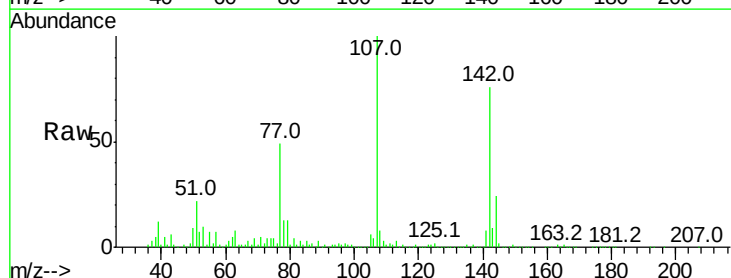
Tgt Ion:107 Resp: 401654

Ion Ratio Lower Upper

107 100

144 24.2 20.5 30.7

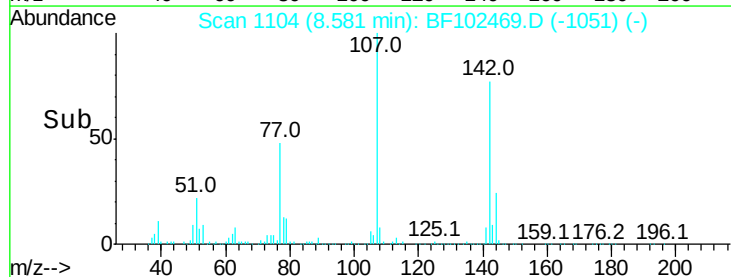
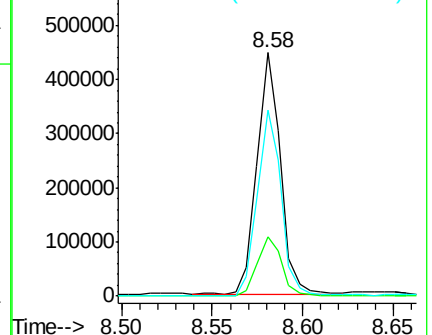
142 76.5 62.0 93.0

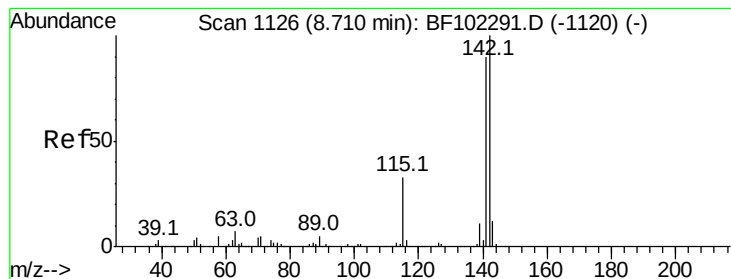


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

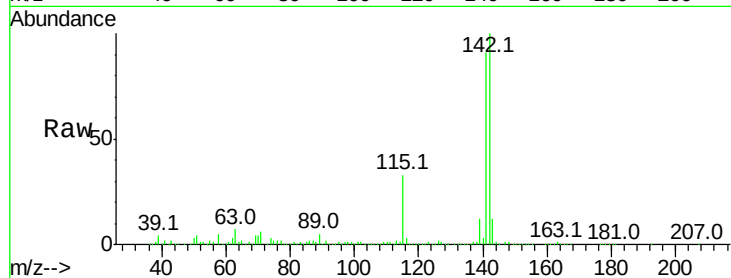




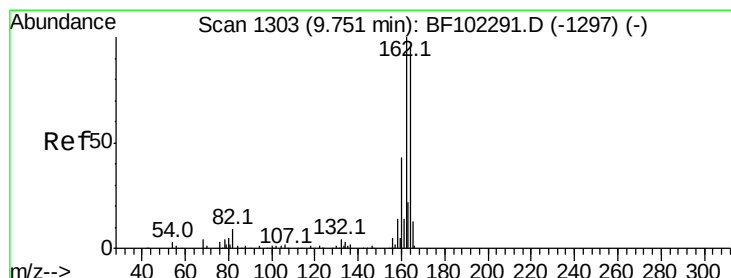
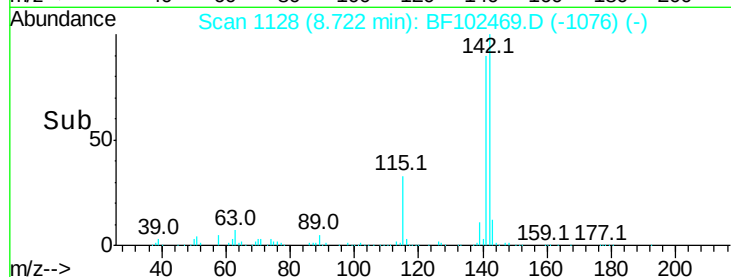
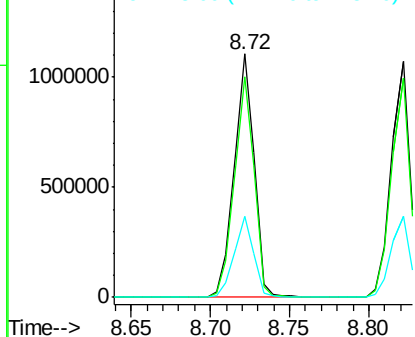
#37
2-Methylnaphthalene
Concen: 43.228 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
115	33.1	26.1	39.1

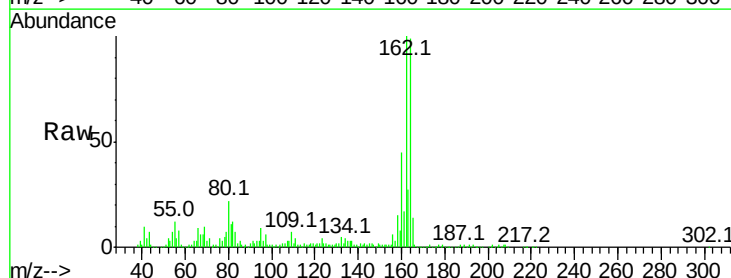


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

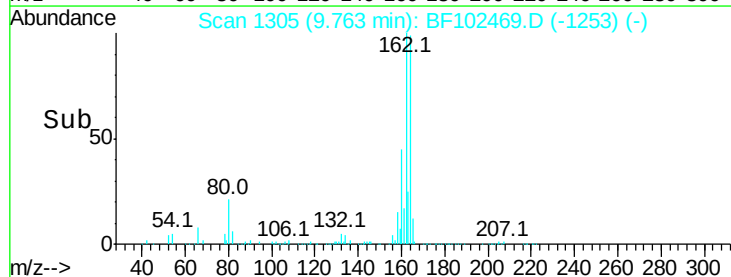
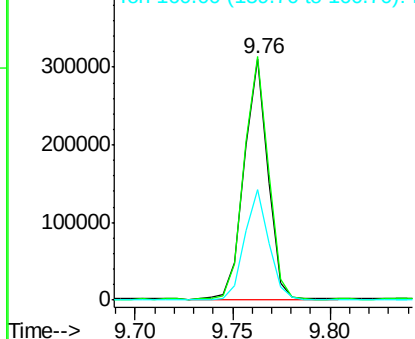


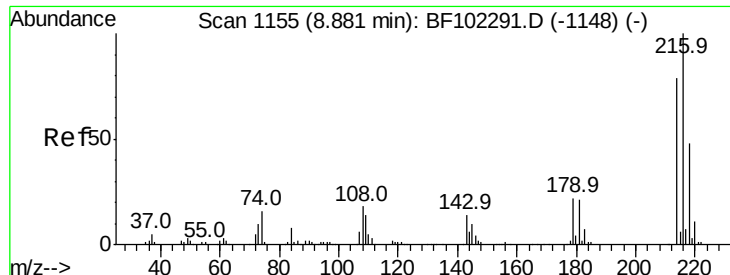
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	45.7	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

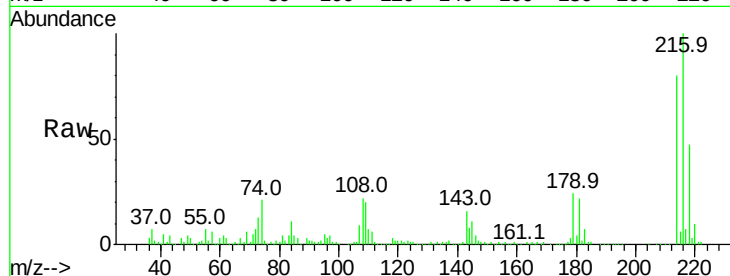




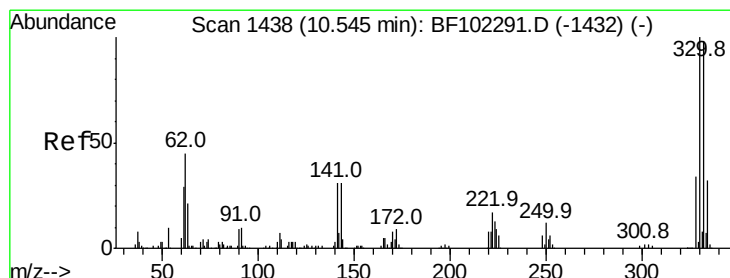
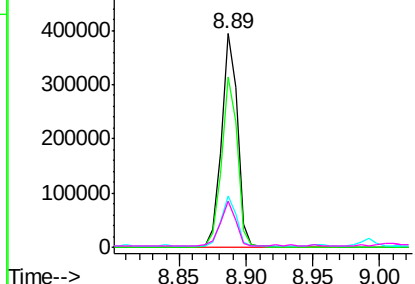
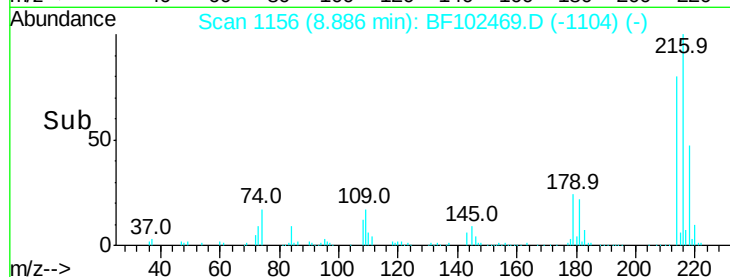
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.743 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	335270
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.8	18.1	27.1
108	20.1	17.2	25.8

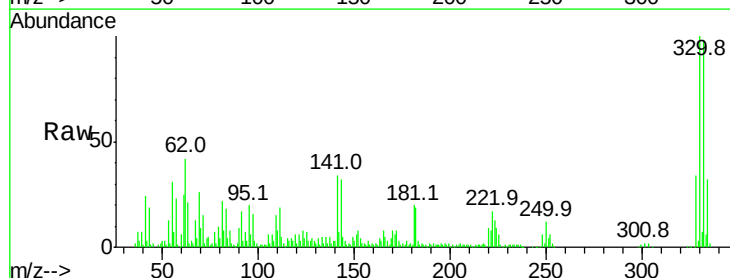


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

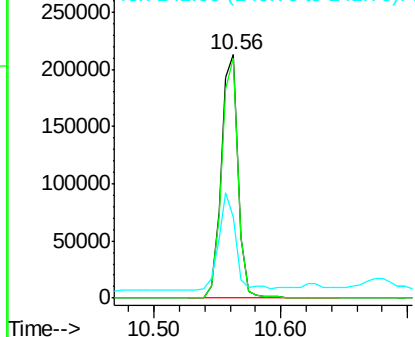
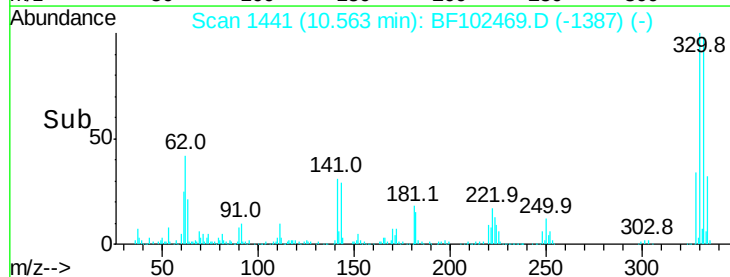


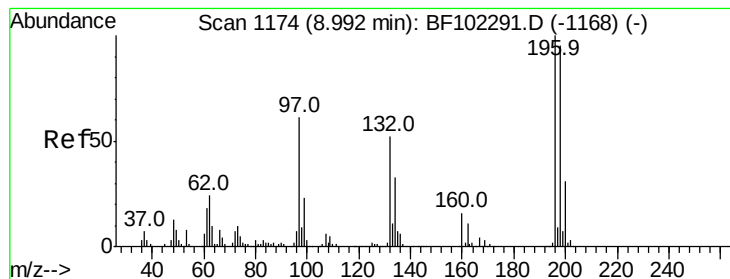
#41
 2,4,6-Tribromophenol
 Concen: 77.150 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.02 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Tgt Ion:	330	Resp:	199300
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	40.3	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: 41.813 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

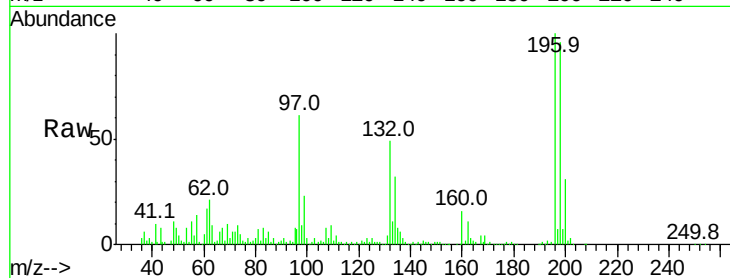
Tot Ion:196 Resp: 219553

Ion Ratio Lower Upper

196 100

198 96.4 75.7 113.5

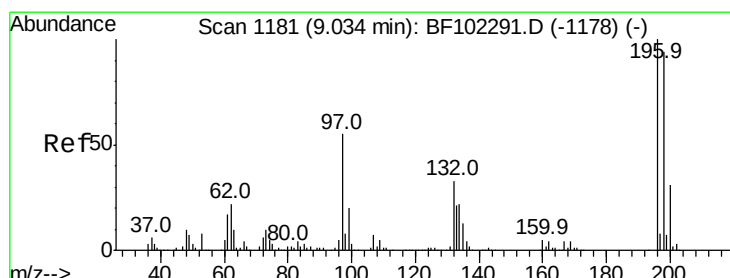
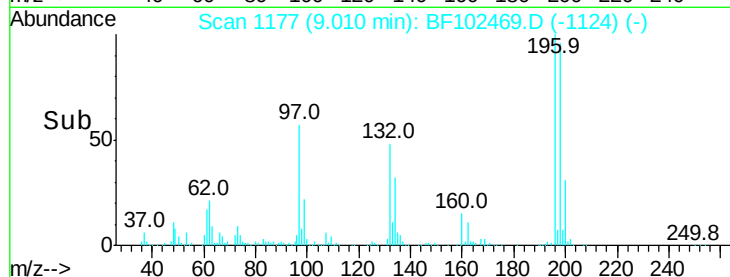
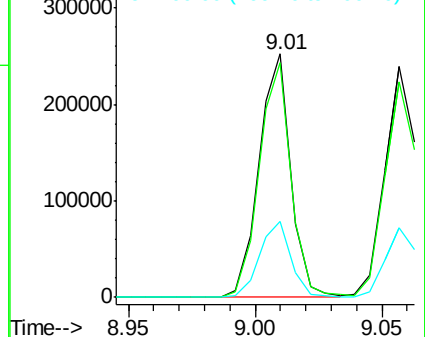
200 31.0 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 37.984 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.02 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Tgt Ion:196 Resp: 224564

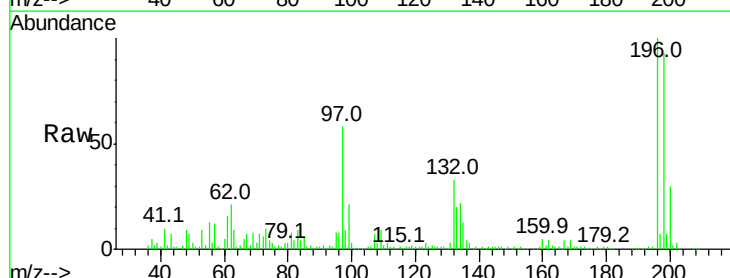
Ion Ratio Lower Upper

196 100

198 93.1 74.6 112.0

97 58.0 42.9 64.3

132 33.3 26.3 39.5

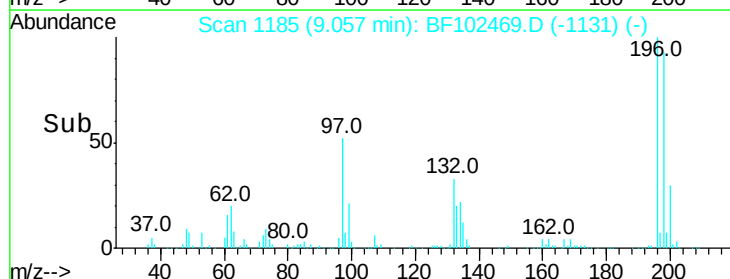
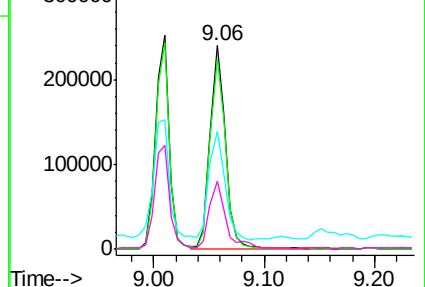


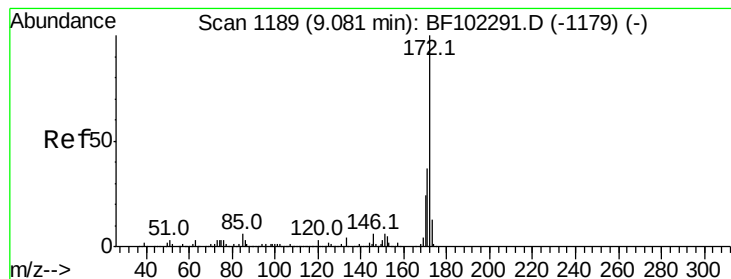
Abundance Ion 196.00 (195.70 to 196.70): E

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

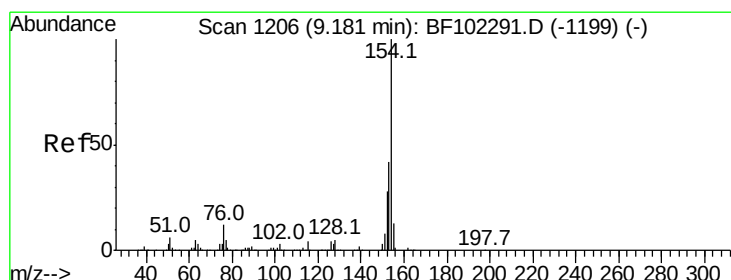
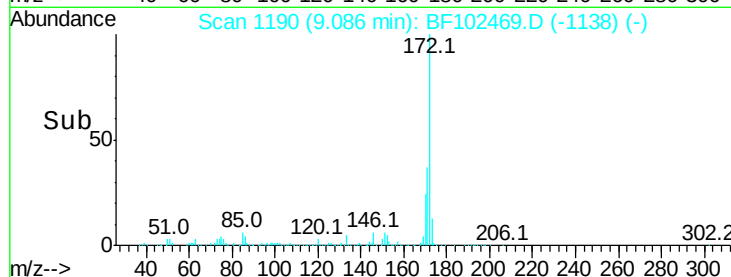
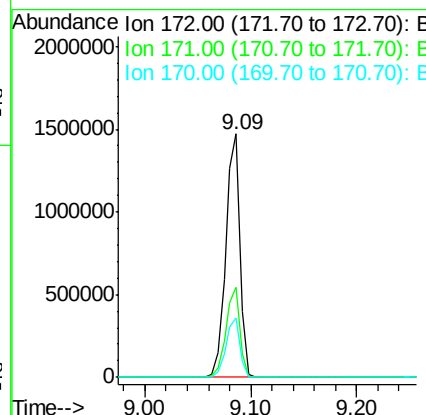




#44
2-Fluorobiphenyl
Concen: 77.989 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

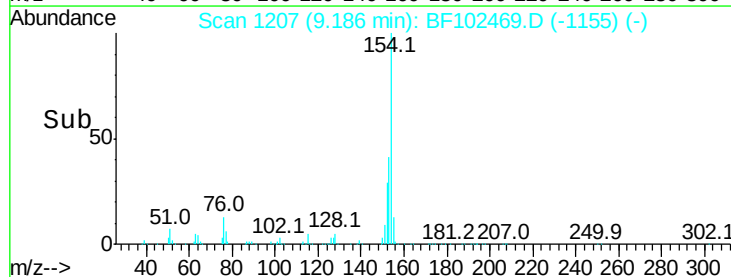
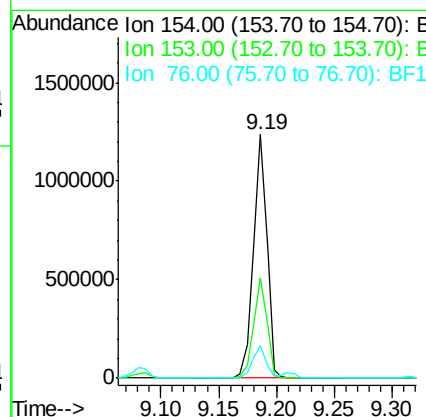
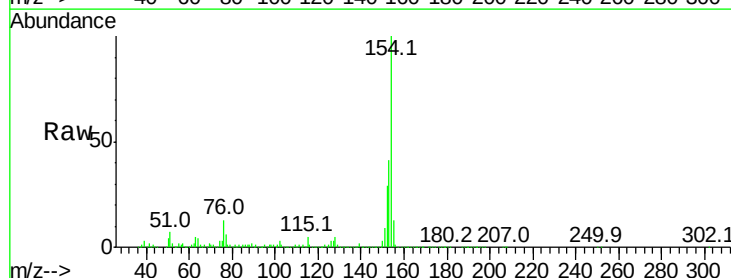
Instrument :
BNA_F
ClientSampleId :

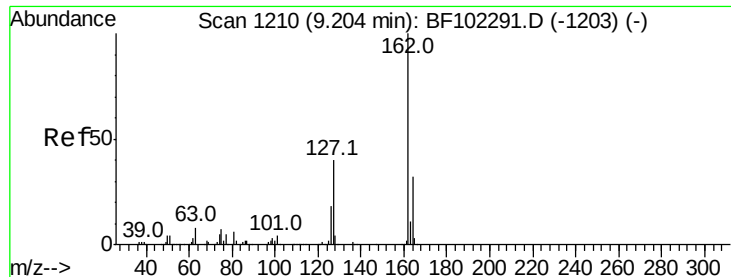
Tot Ion:172 Resp: 1382851
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.2 19.6 29.4



#45
1,1'-Biphenyl
Concen: 42.858 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion:154 Resp: 999109
Ion Ratio Lower Upper
154 100
153 41.4 21.3 61.3
76 13.1 0.0 34.0





#46

2-Chloronaphthalene

Concen: 40.655 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

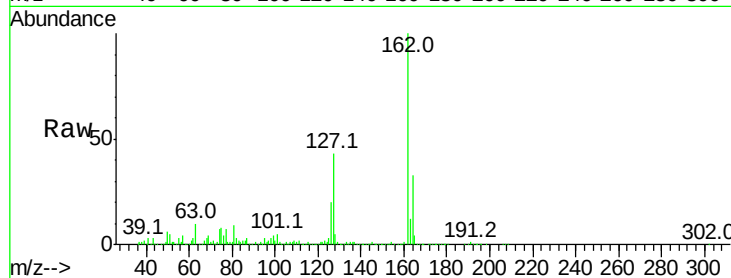
Tot Ion:162 Resp: 736681

Ion Ratio Lower Upper

162 100

127 42.8 33.9 50.9

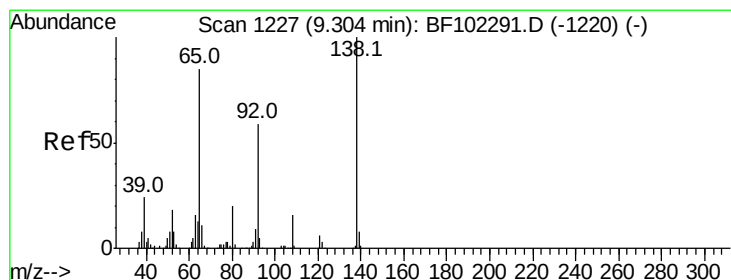
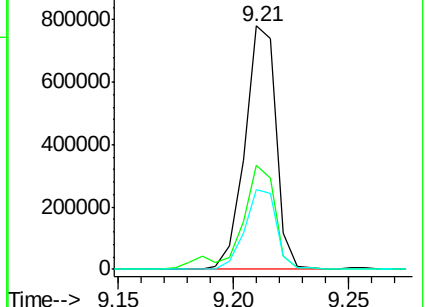
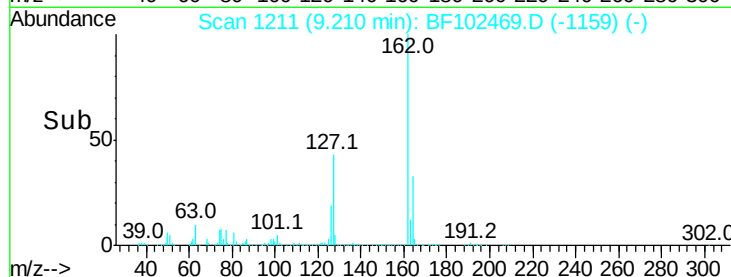
164 32.9 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 49.655 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

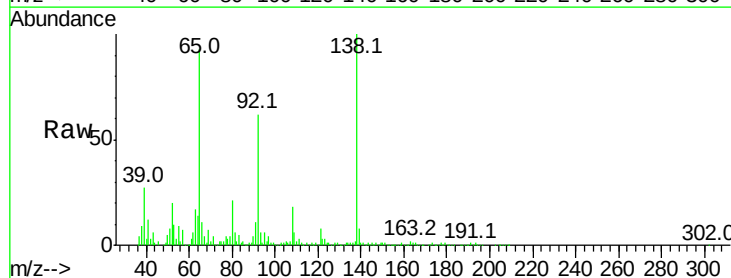
Tgt Ion: 65 Resp: 280510

Ion Ratio Lower Upper

65 100

92 66.9 55.8 83.6

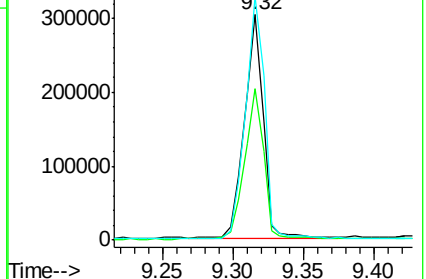
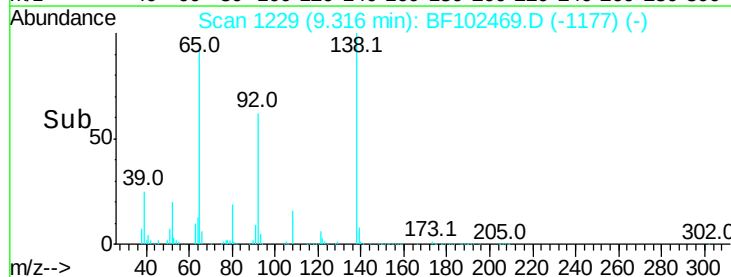
138 108.0 91.2 136.8

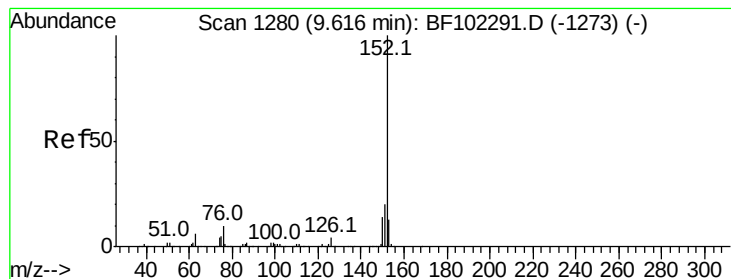


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.514 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

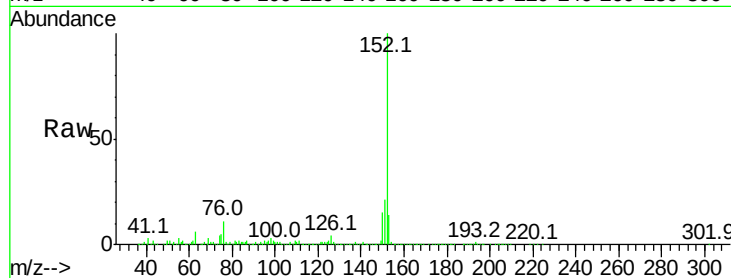
Tot Ion:152 Resp: 1200166

Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

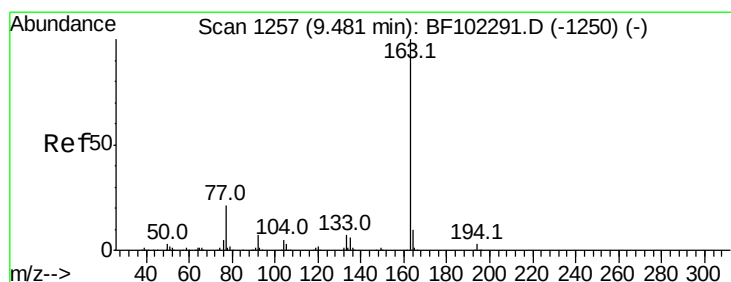
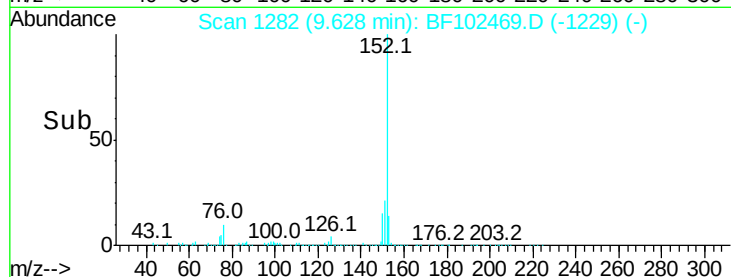
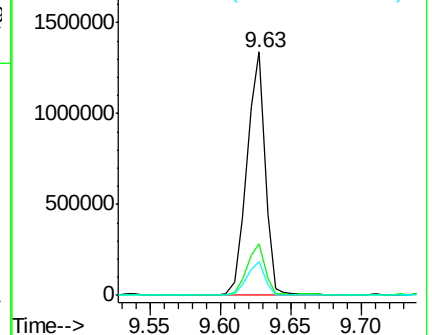
153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 51.659 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

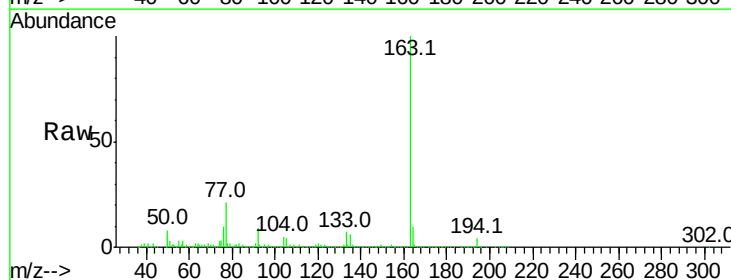
Tgt Ion:163 Resp: 1113231

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

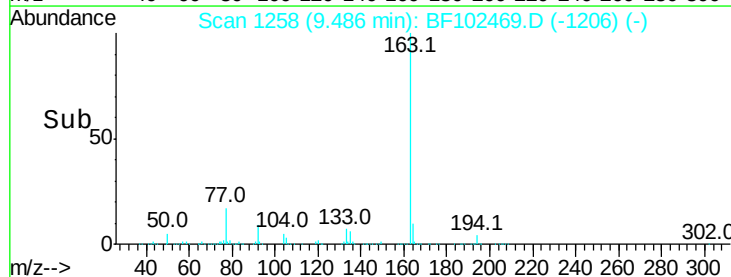
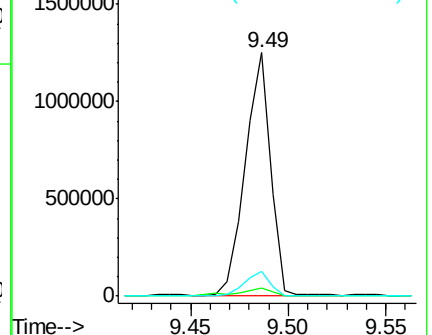
164 10.1 8.2 12.2

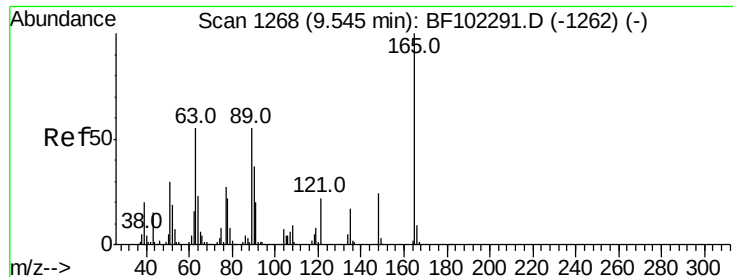


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

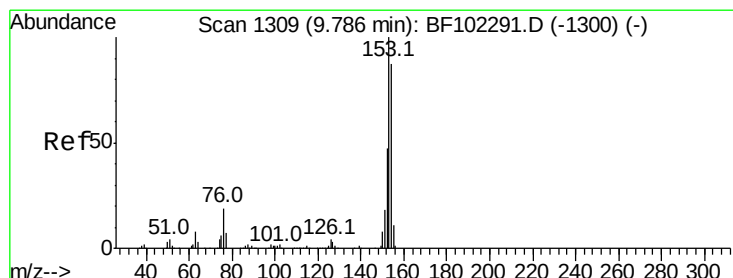
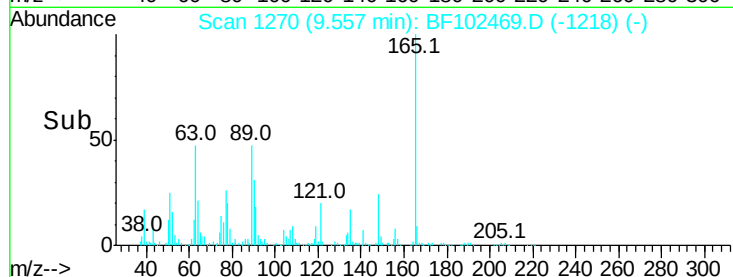
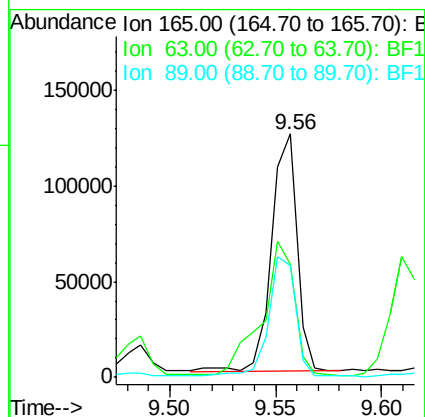
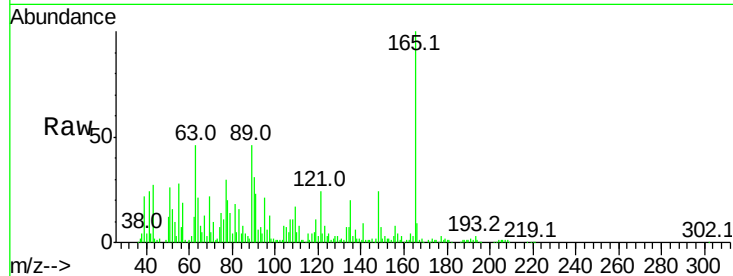




#50
2,6-Dinitrotoluene
Concen: 22.520 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

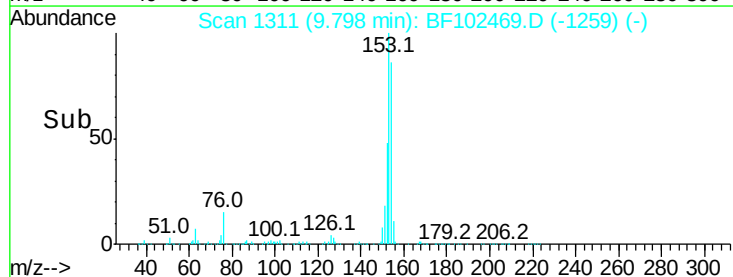
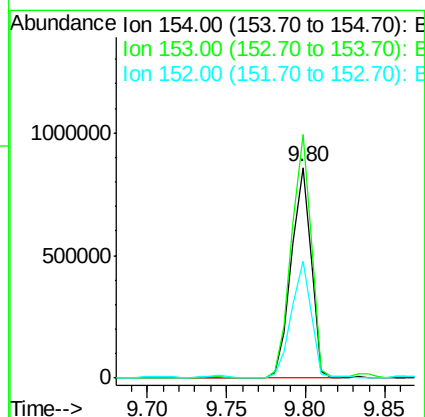
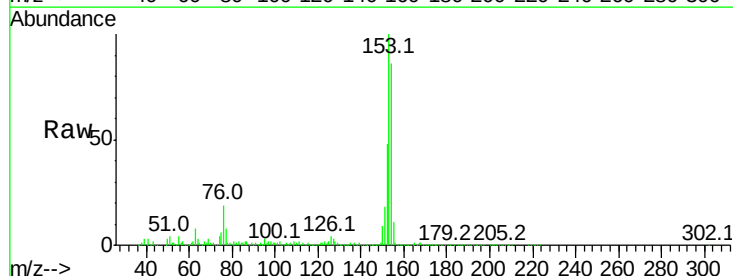
Instrument :
BNA_F
ClientSampleId :

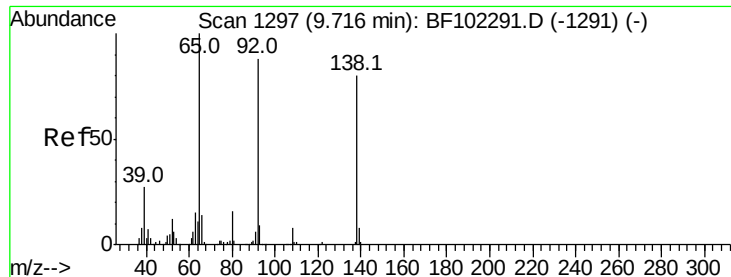
Tot Ion:165 Resp: 104632
Ion Ratio Lower Upper
165 100
63 46.4 44.7 67.1
89 46.1 44.0 66.0



#51
Acenaphthene
Concen: 45.092 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion:154 Resp: 743434
Ion Ratio Lower Upper
154 100
153 115.7 91.2 136.8
152 55.3 43.8 65.8





#52

3-Nitroaniline

Concen: 44.253 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

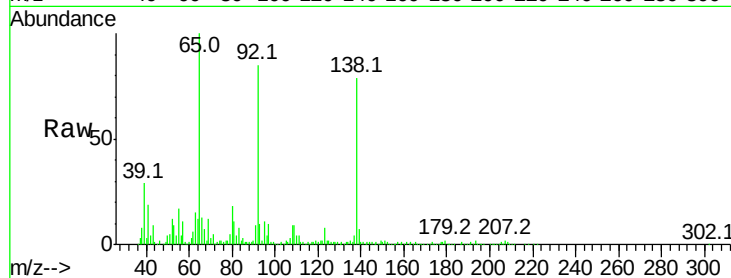
Tot Ion:138 Resp: 243225

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.0

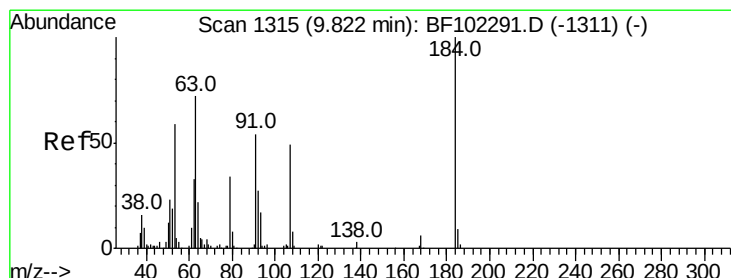
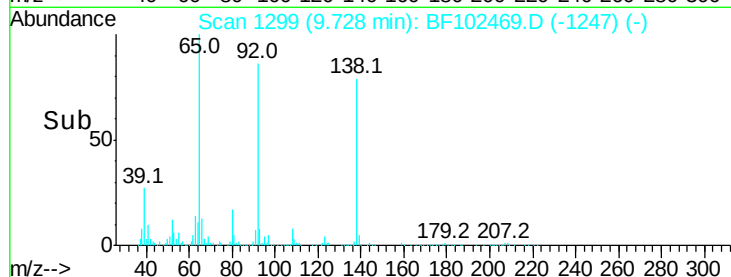
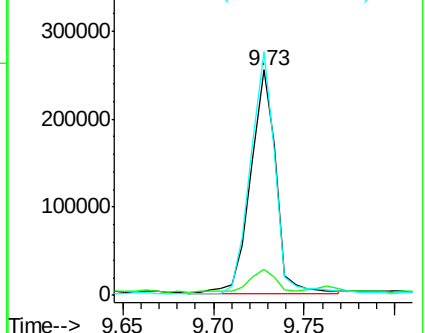
92 108.0 89.4 134.2



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: 3.744 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

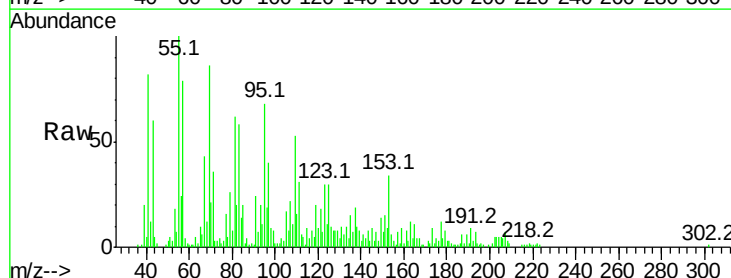
Tgt Ion:184 Resp: 106

Ion Ratio Lower Upper

184 100

63 696.0 54.2 81.2#

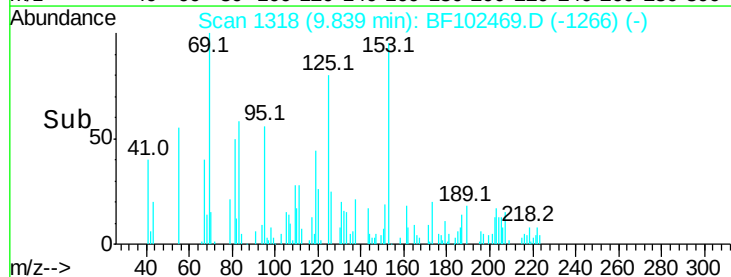
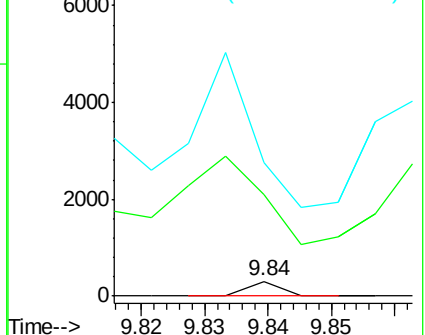
154 919.9 184.0 276.0#

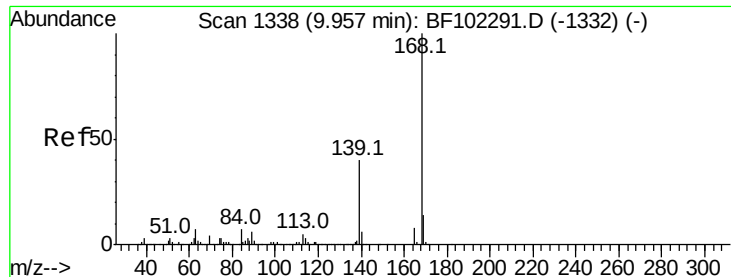


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 47.621 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

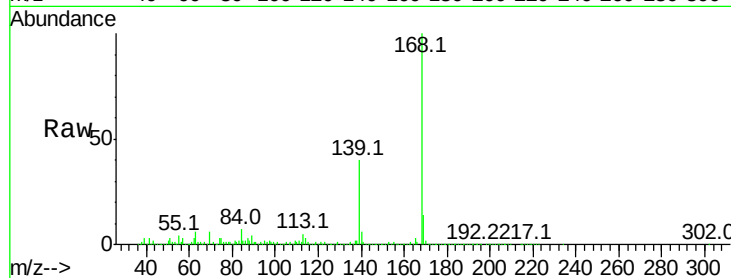
Tot Ion:168 Resp: 1062587

Ion Ratio Lower Upper

168 100

139 40.1 30.1 45.1

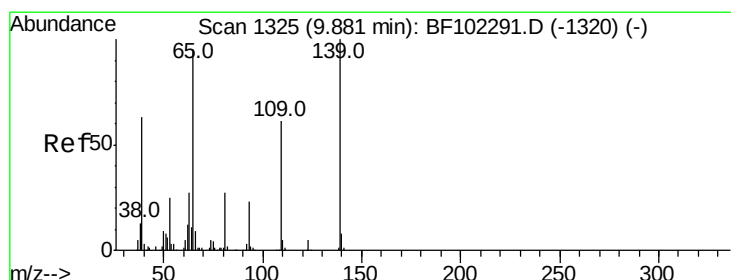
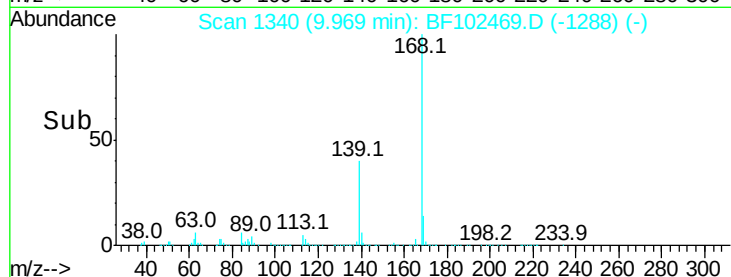
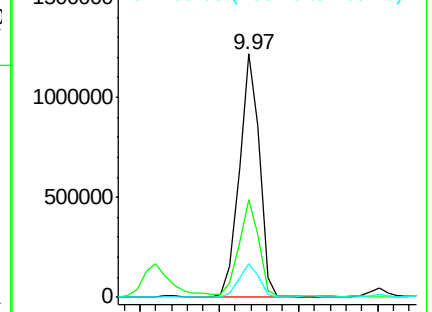
169 14.0 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 55.938 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.02 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

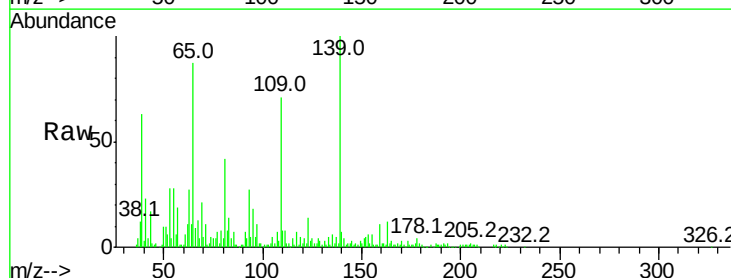
Tgt Ion:139 Resp: 202946

Ion Ratio Lower Upper

139 100

109 71.2 48.4 88.4

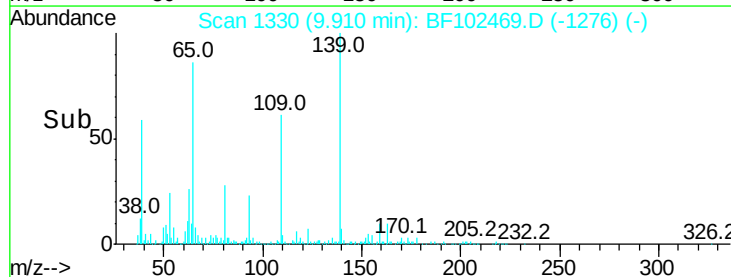
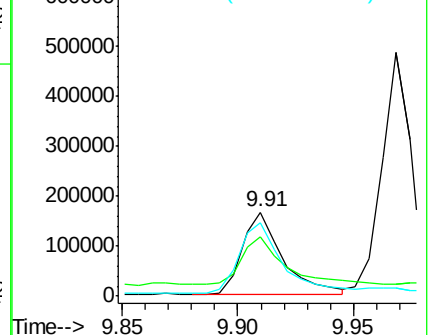
65 86.8 72.6 112.6

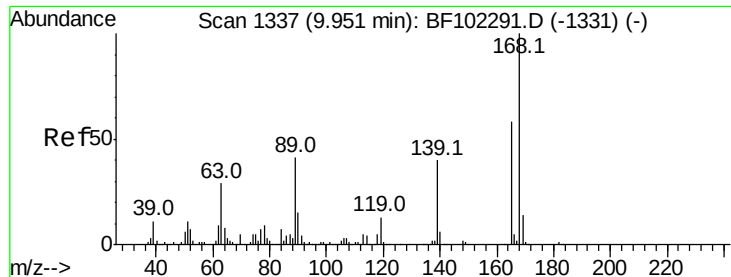


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 16.677 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 95284

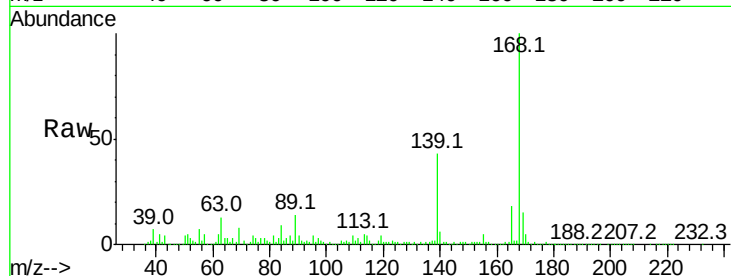
Ion Ratio Lower Upper

165 100

63 74.6 36.4 54.6#

89 80.5 57.8 86.6

182 2.7 1.6 2.4#

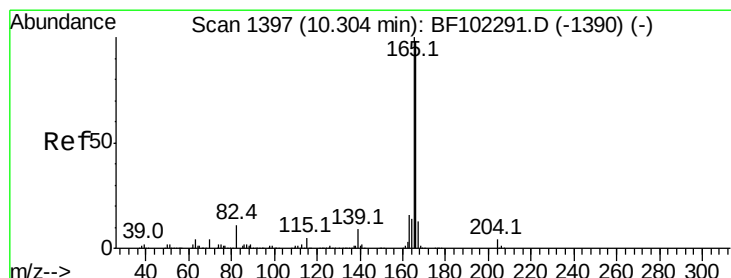
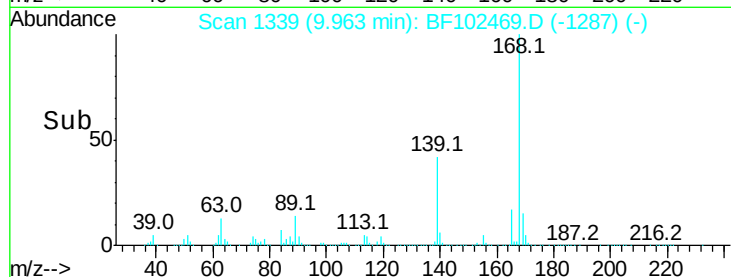
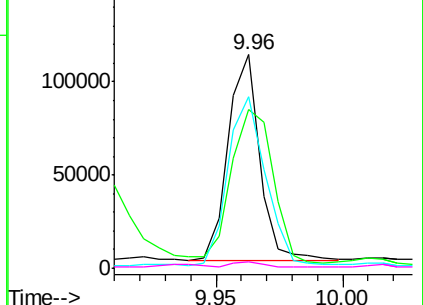


Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.206 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

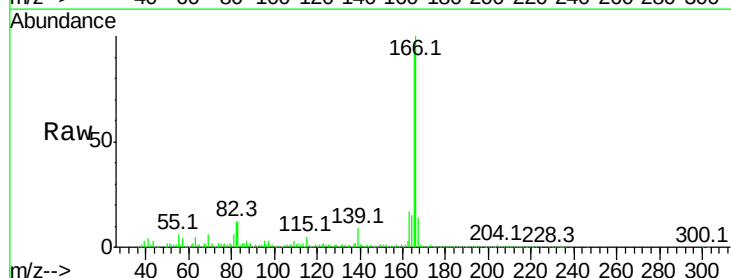
Tgt Ion:166 Resp: 870011

Ion Ratio Lower Upper

166 100

165 97.3 79.8 119.8

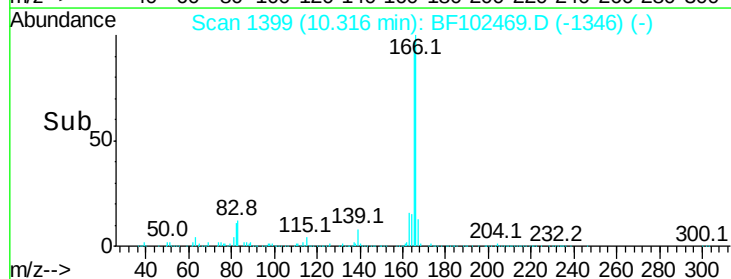
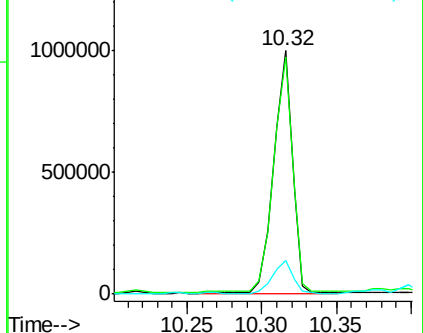
167 13.6 10.6 16.0

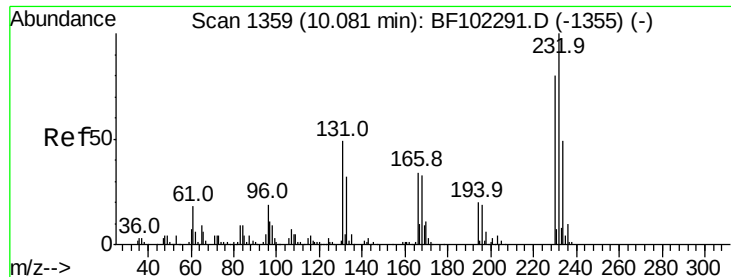


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

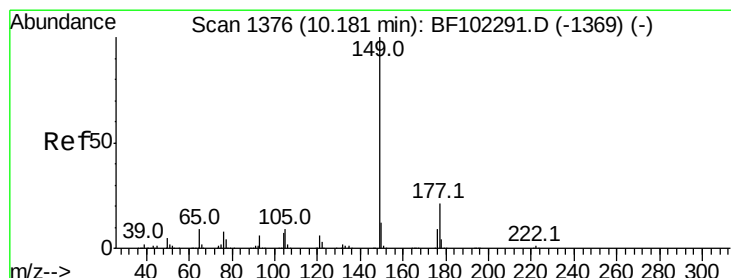
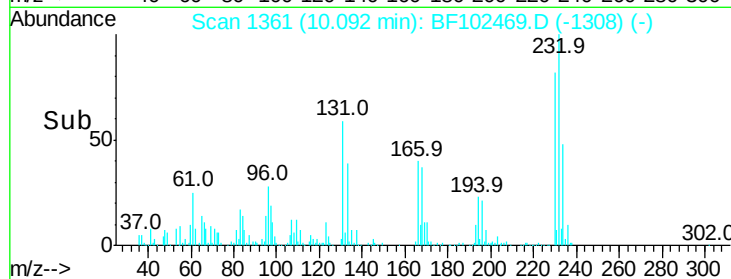
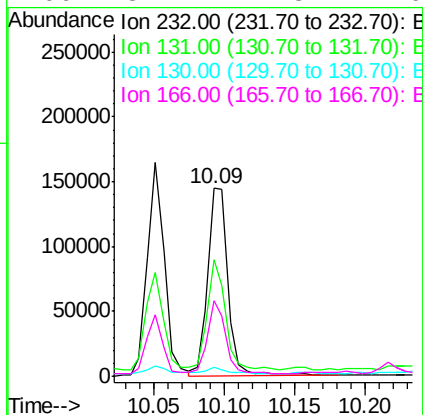
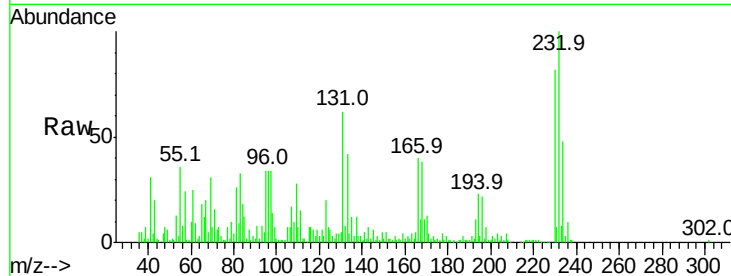




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.161 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

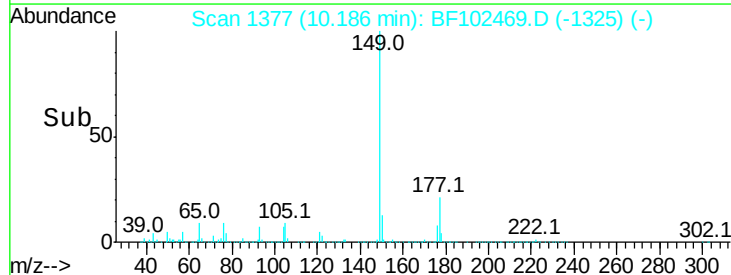
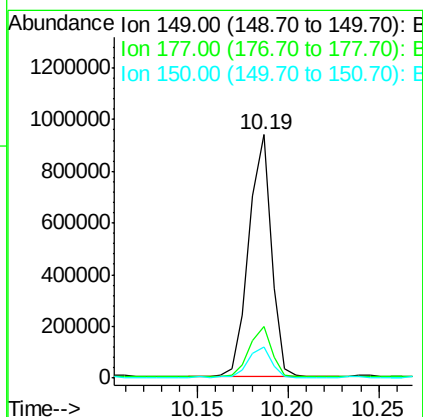
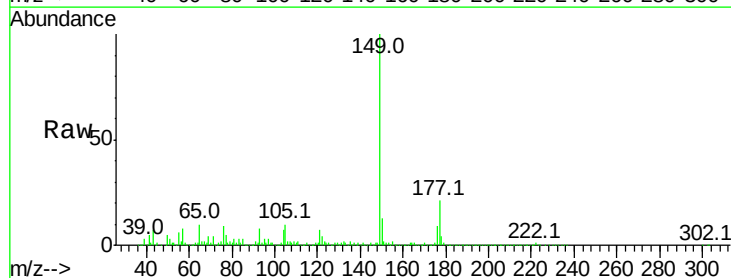
Instrument :
 BNA_F
 ClientSampleId :

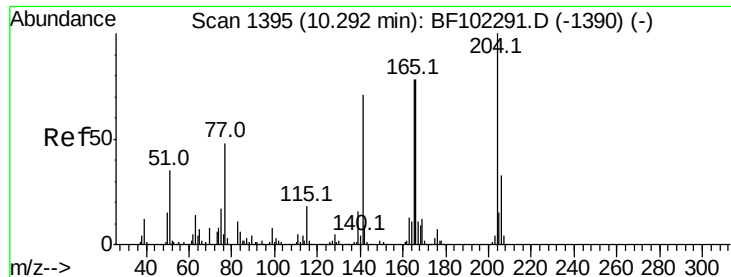
Tot Ion:232 Resp: 144199
 Ion Ratio Lower Upper
 232 100
 131 51.9 43.8 65.8
 130 4.1 2.1 3.1#
 166 34.4 27.8 41.6



#59
 Diethylphthalate
 Concen: 38.456 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Tgt Ion:149 Resp: 805305
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.1 24.1
 150 13.0 10.1 15.1

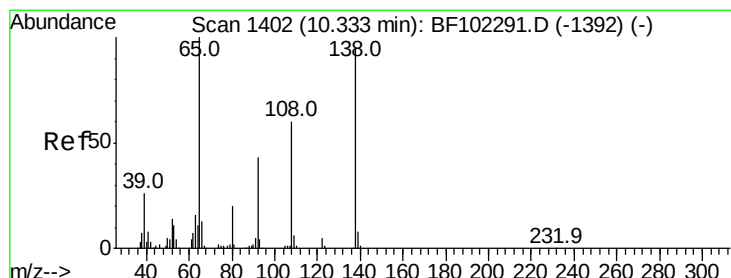
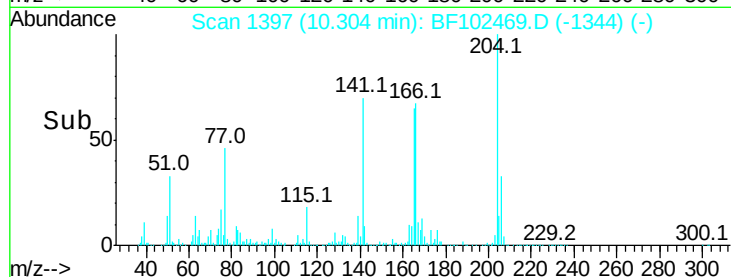
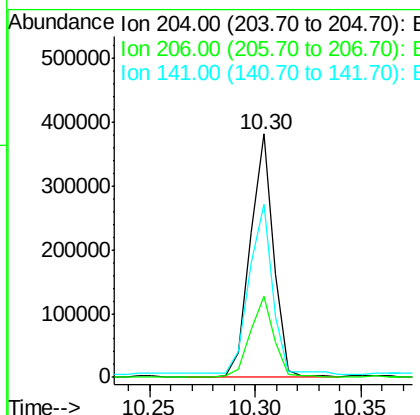
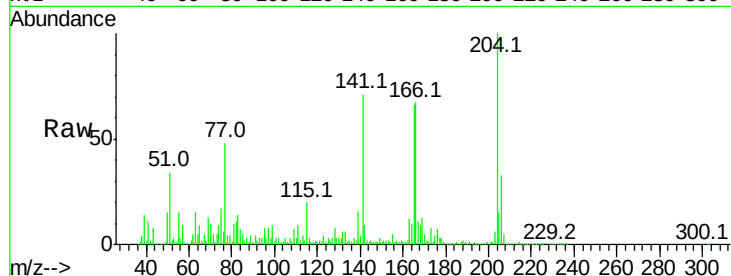




#60
 4-Chlorophenyl-phenylether
 Concen: 38.012 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

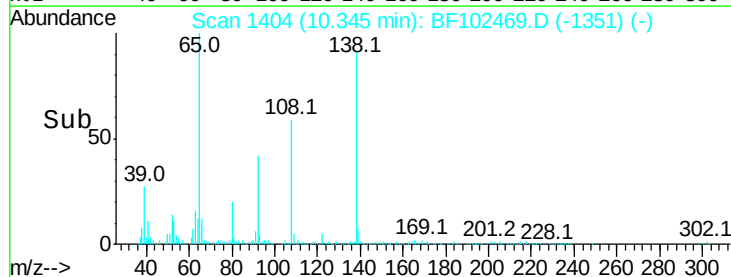
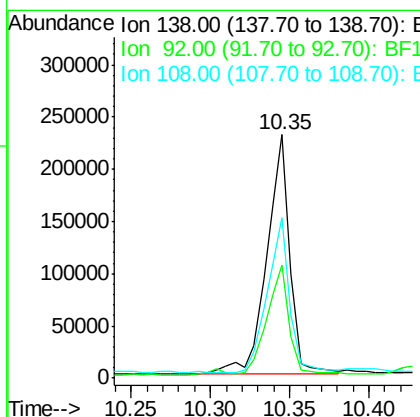
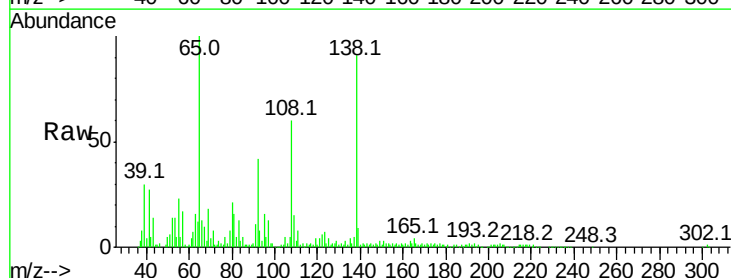
Instrument :
 BNA_F
 ClientSampled :

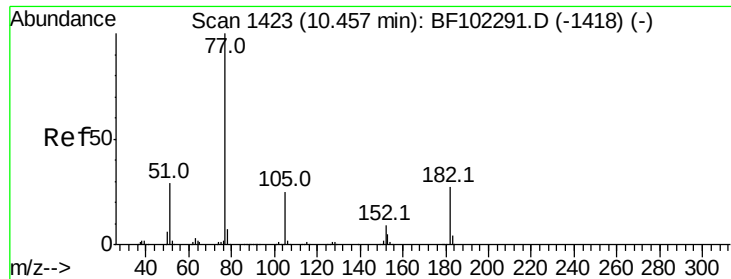
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	71.2	54.6	81.8



#61
 4-Nitroaniline
 Concen: 42.516 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	30.2	70.2
108	65.7	52.5	92.5





#62

Azobenzene

Concen: 37.474 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 718468

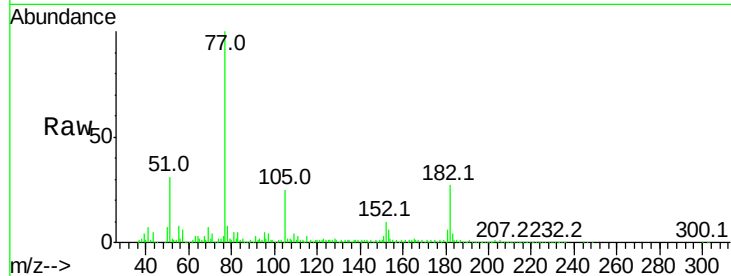
Ion Ratio Lower Upper

77 100

182 27.0 1.7 41.7

105 24.9 3.0 43.0

51 30.9 9.9 49.9

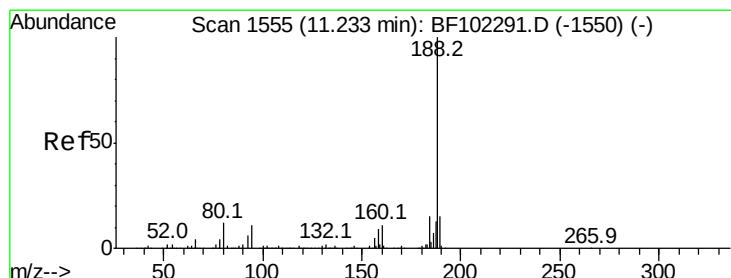
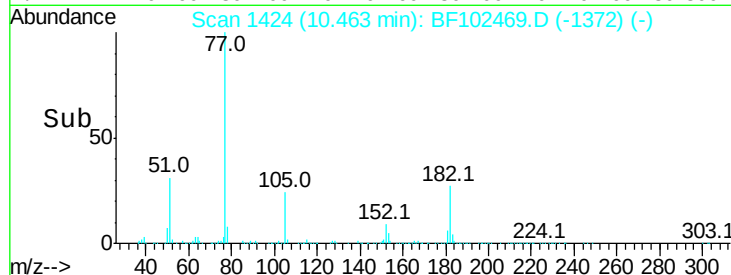
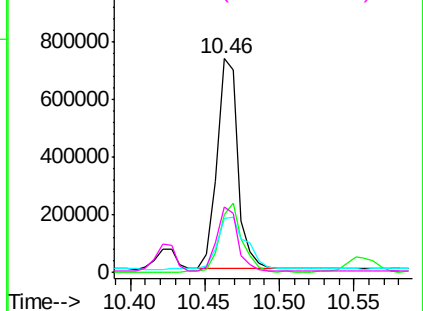


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.02 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

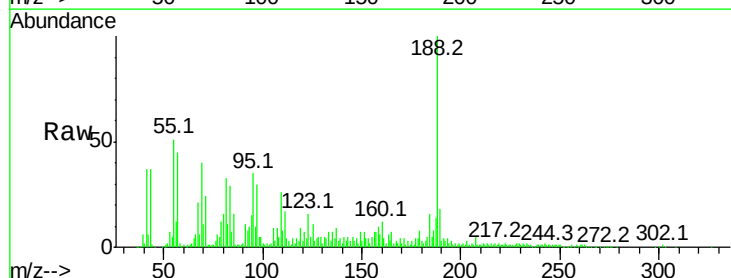
Tgt Ion: 188 Resp: 310353

Ion Ratio Lower Upper

188 100

94 15.3 8.5 12.7#

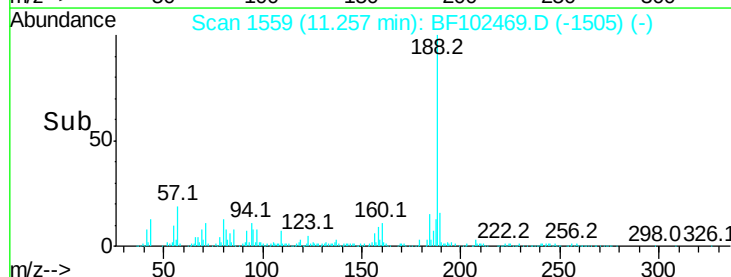
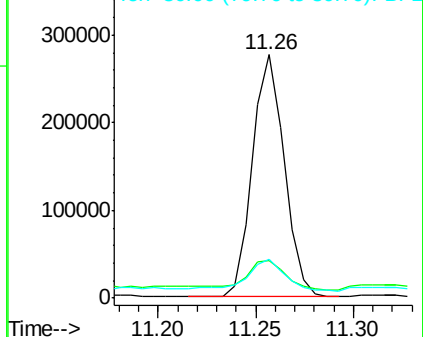
80 15.9 9.2 13.8#

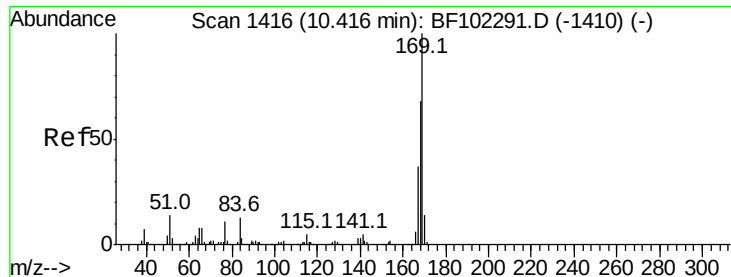


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

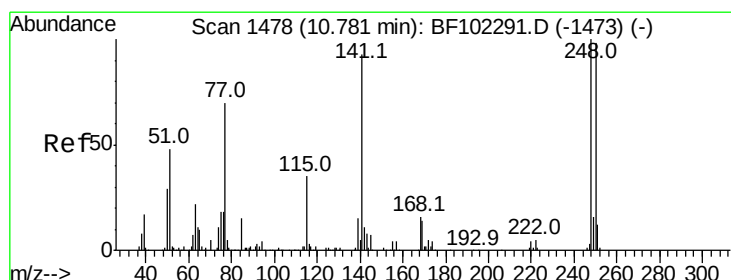
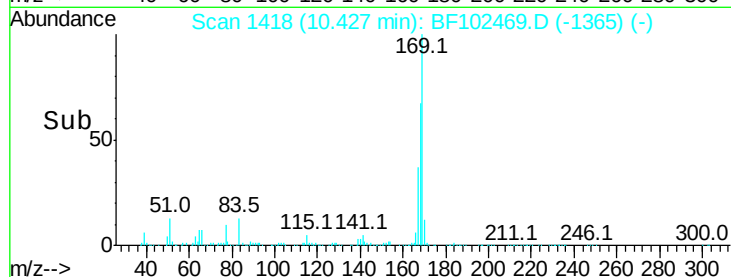
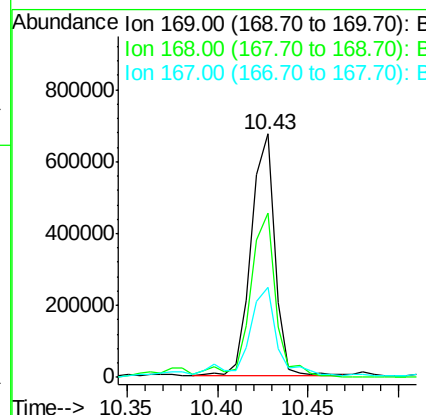
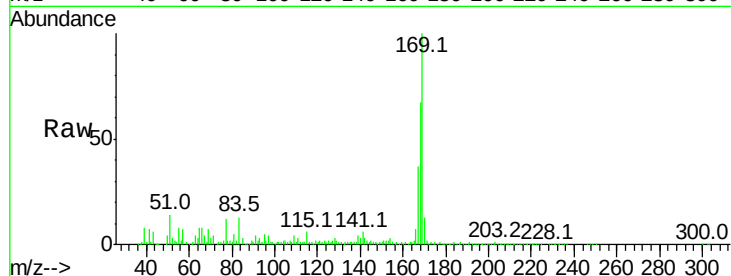




#65
n-Nitrosodiphenylamine
Concen: 54.352 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

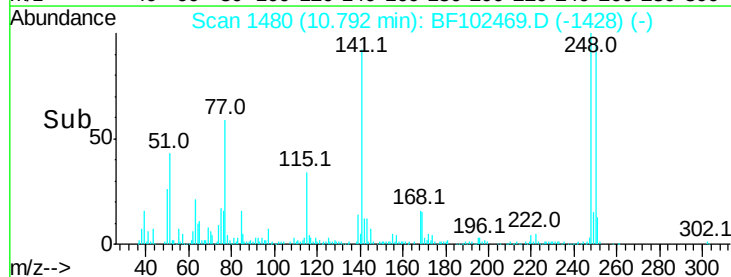
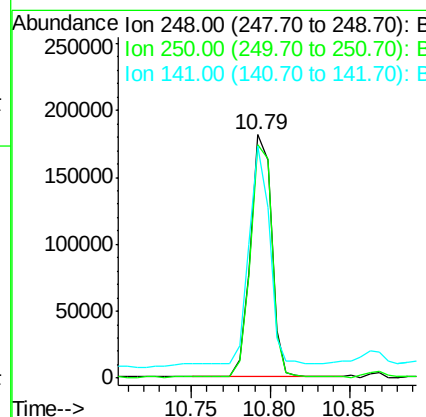
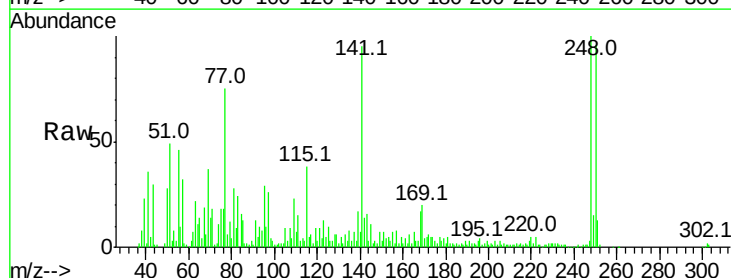
Instrument :
BNA_F
ClientSampled :

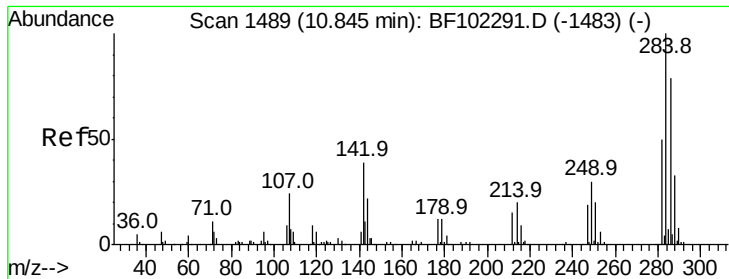
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.4	81.6
167	37.0	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 50.355 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.9	115.3
141	95.5	74.4	111.6





#67

Hexachlorobenzene

Concen: 40.954 ng

RT: 10.87 min Scan# 1493

Delta R.T. 0.02 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

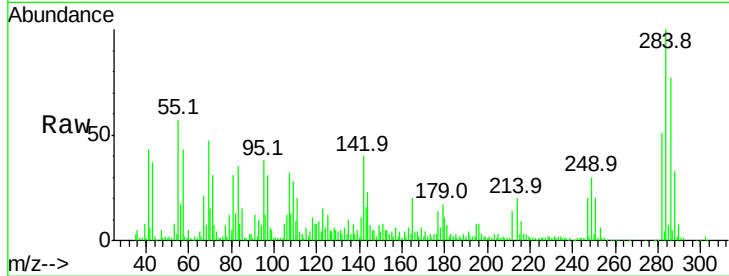
Tot Ion:284 Resp: 153021

Ion Ratio Lower Upper

284 100

142 40.1 34.6 52.0

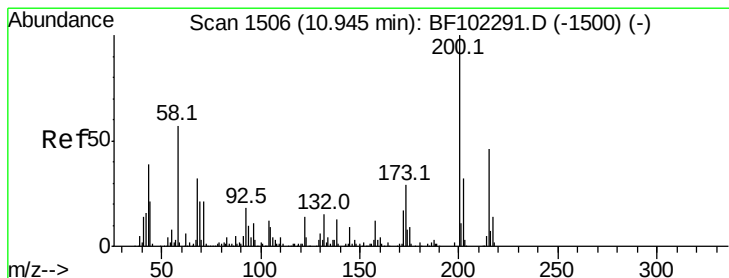
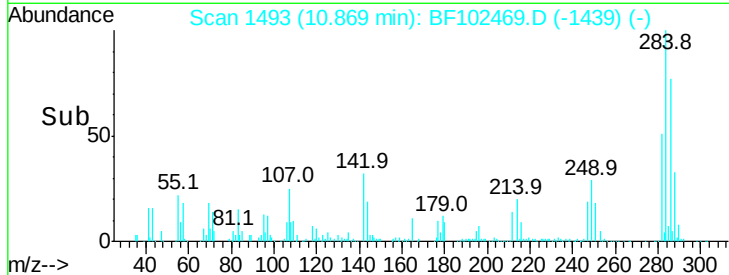
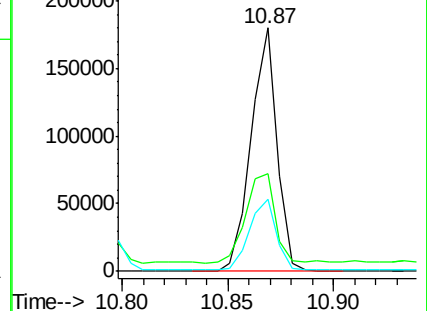
249 29.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.282 ng

RT: 10.97 min Scan# 1511

Delta R.T. 0.03 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

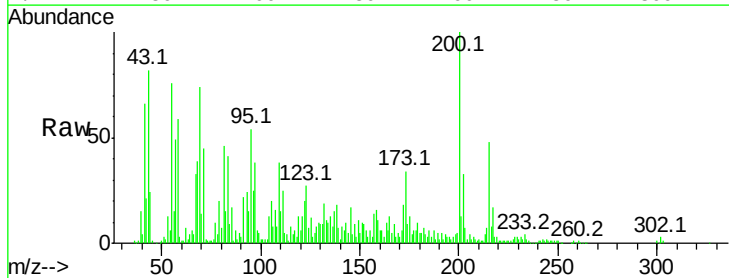
Tgt Ion:200 Resp: 162437

Ion Ratio Lower Upper

200 100

173 33.5 8.6 48.6

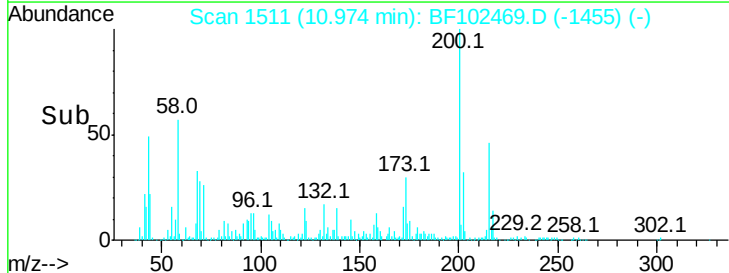
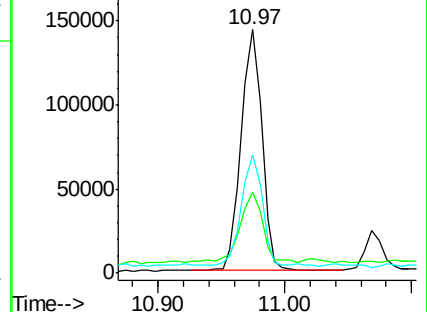
215 48.3 25.1 65.1

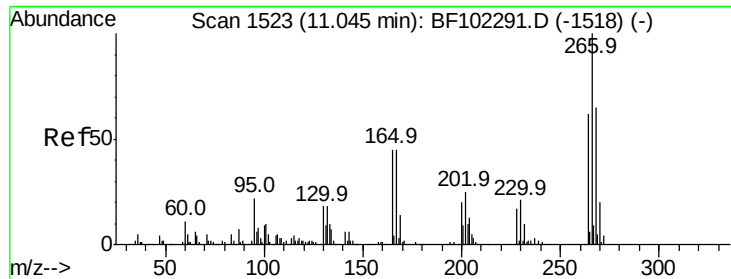


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

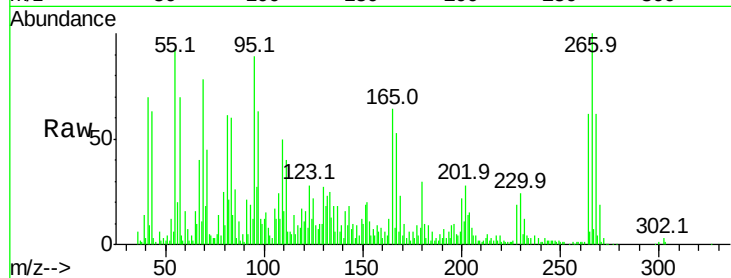




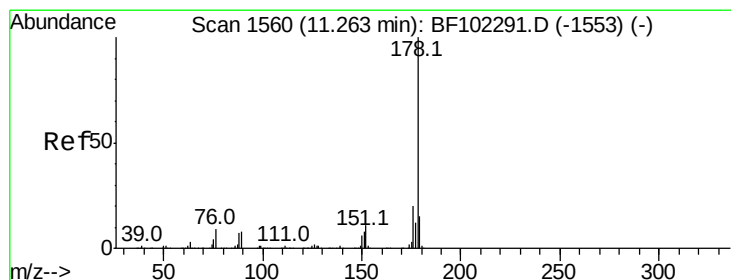
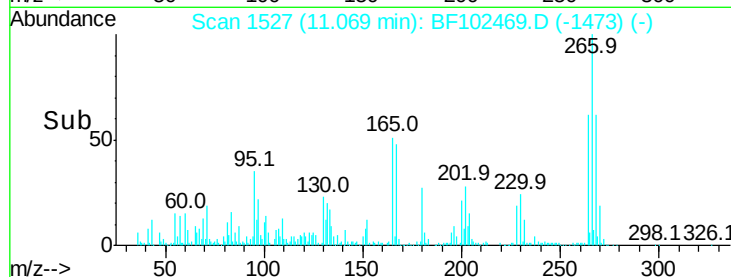
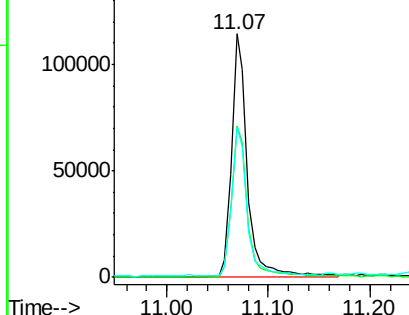
#69
 Pentachlorophenol
 Concen: 64.103 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.02 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 125823
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 61.7 49.5 74.3

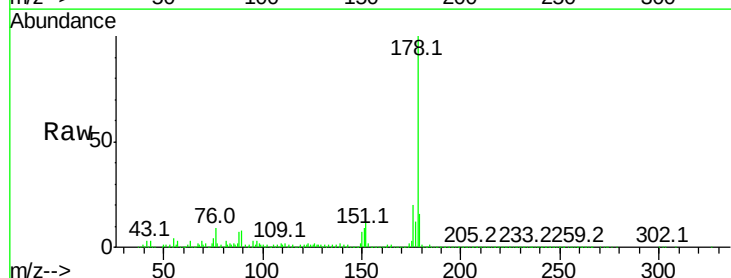


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

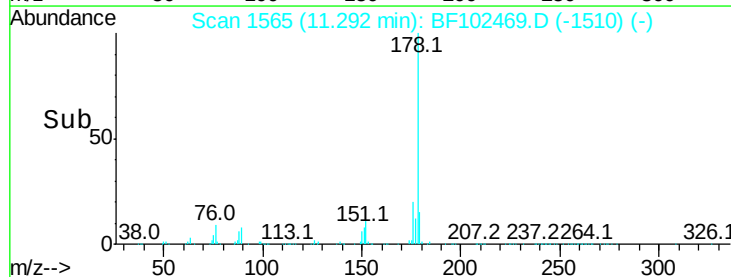
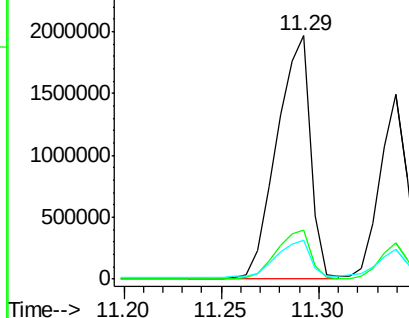


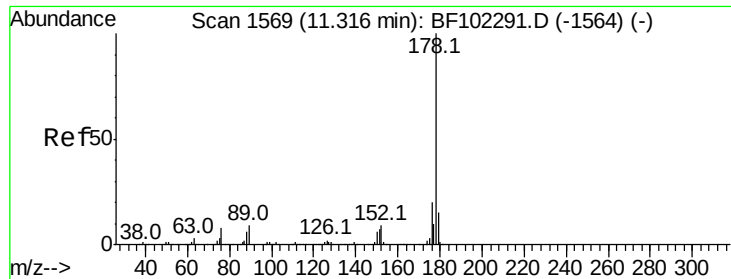
#70
 Phenanthrene
 Concen: 128.561 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.02 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Tgt Ion:178 Resp: 2325022
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 16.0 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

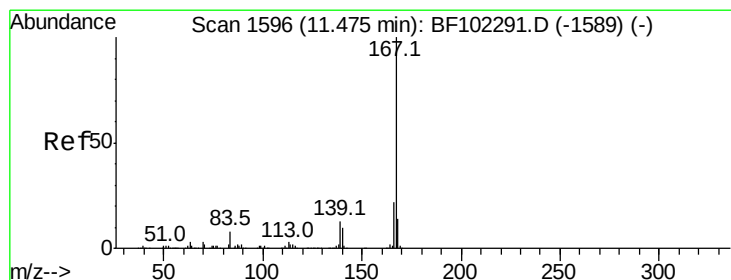
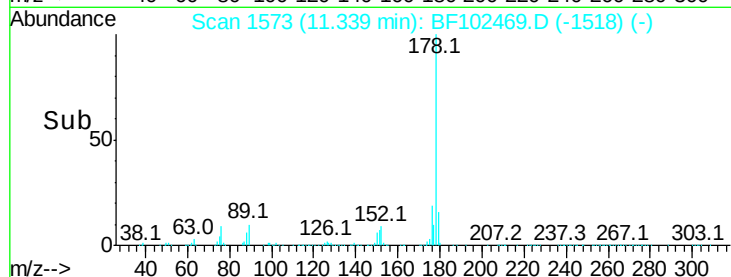
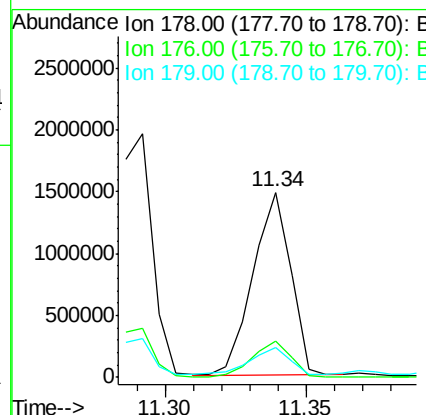
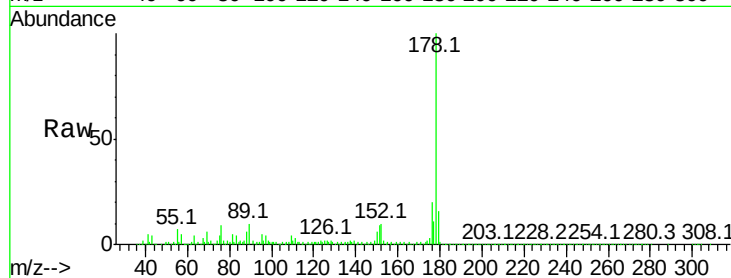




#71
 Anthracene
 Concen: 74.122 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.02 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

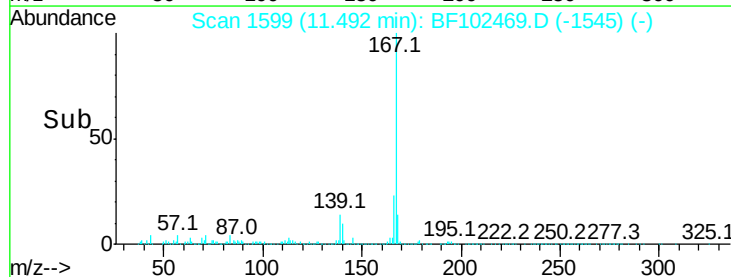
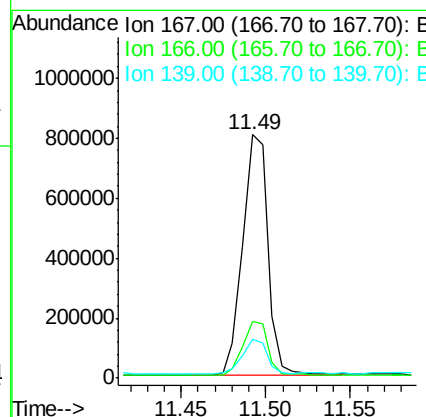
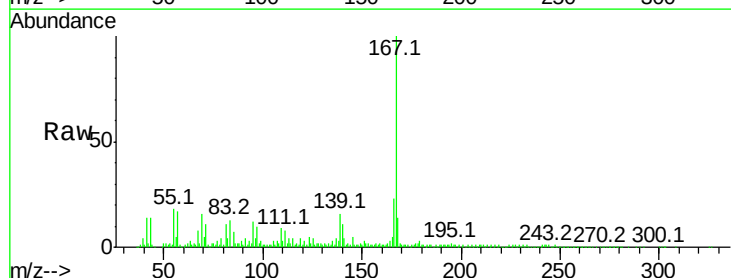
Instrument :
 BNA_F
 ClientSampled :

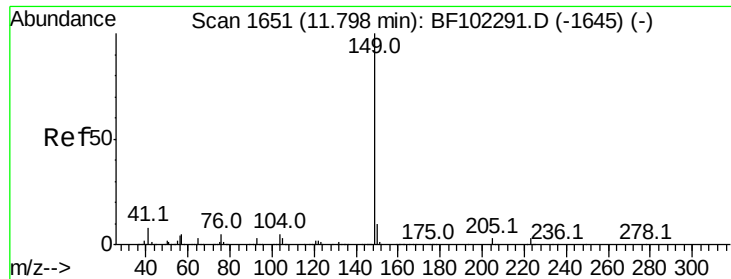
Tot Ion:178 Resp: 1368231
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 47.148 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.02 min
 Lab File: BF102469.D
 Acq: 26 Jan 2018 15:33

Tgt Ion:167 Resp: 849062
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.6 26.4
 139 15.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.725 ng

RT: 11.82 min Scan# 1655

Delta R.T. 0.02 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

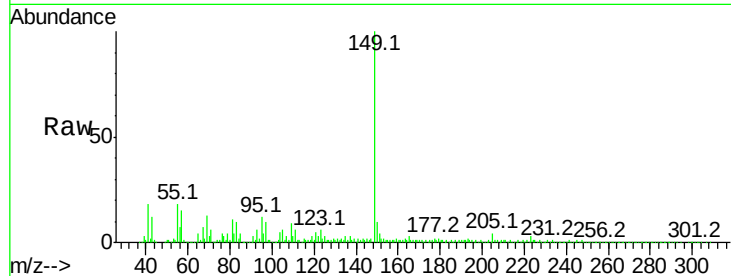
Tot Ion:149 Resp: 894203

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

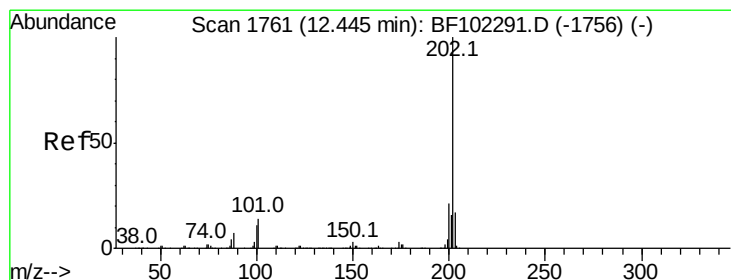
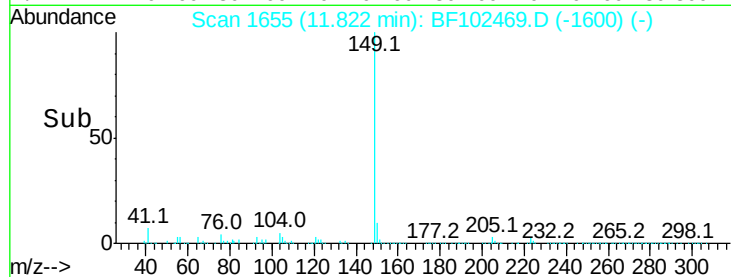
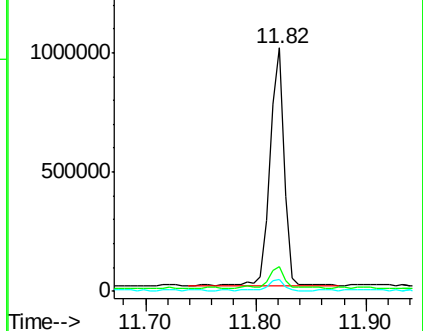
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 145.429 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.05 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

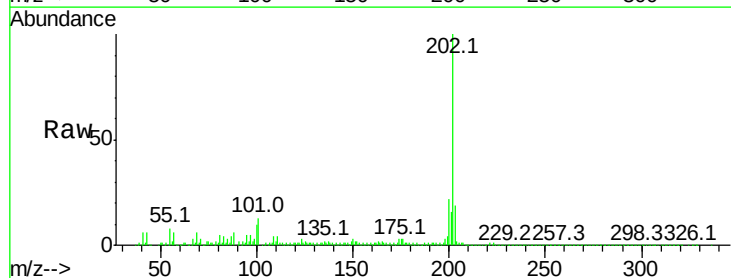
Tgt Ion:202 Resp: 2682048

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

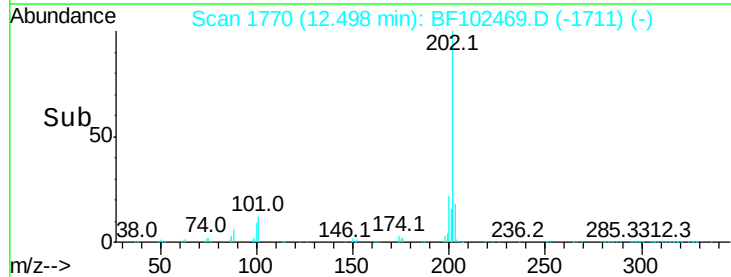
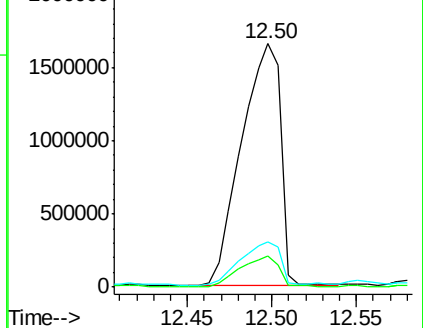
203 18.6 0.0 38.1

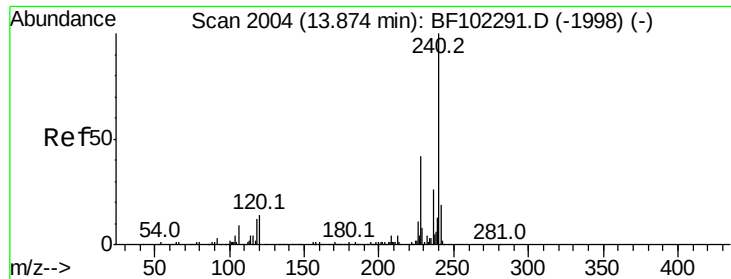


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.06 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

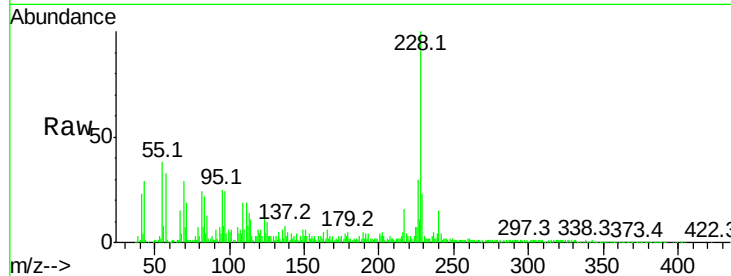
Tot Ion:240 Resp: 128053

Ion Ratio Lower Upper

240 100

120 29.7 9.5 14.3#

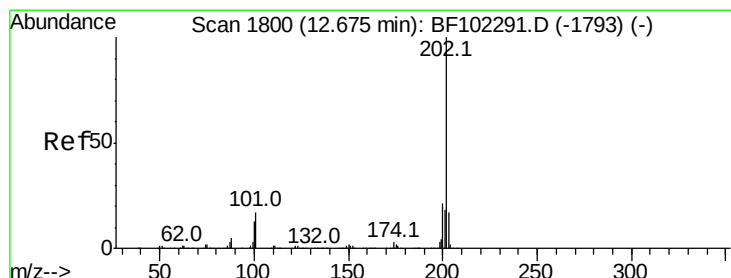
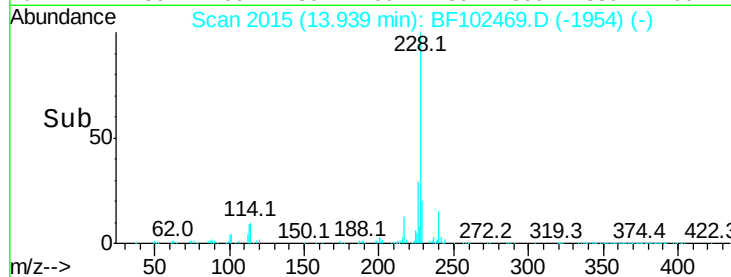
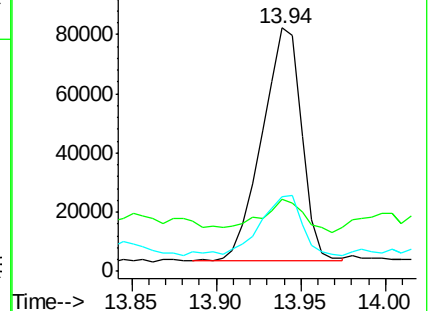
236 30.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 230.729 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.05 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

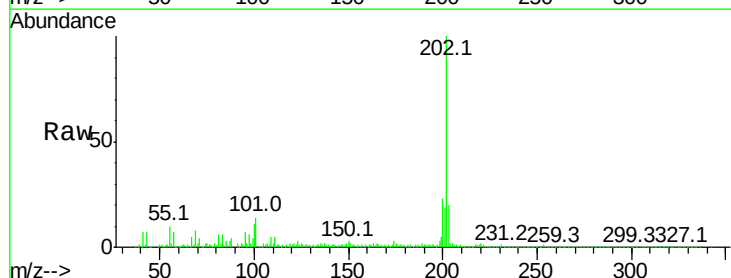
Tgt Ion:202 Resp: 2284352

Ion Ratio Lower Upper

202 100

200 22.6 17.4 26.2

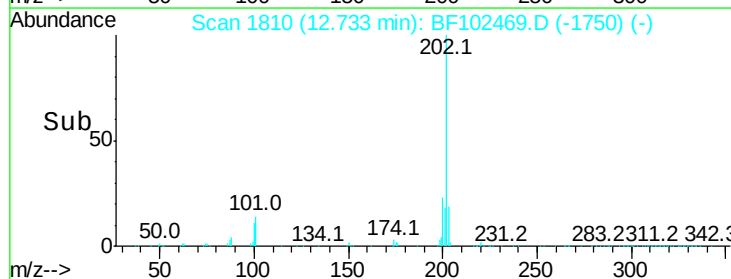
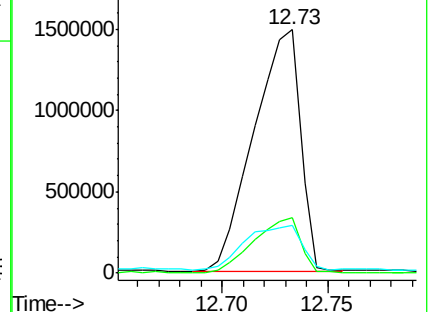
203 19.8 14.3 21.5

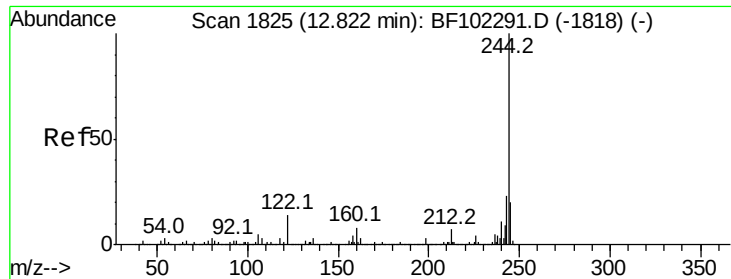


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 119.115 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.03 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

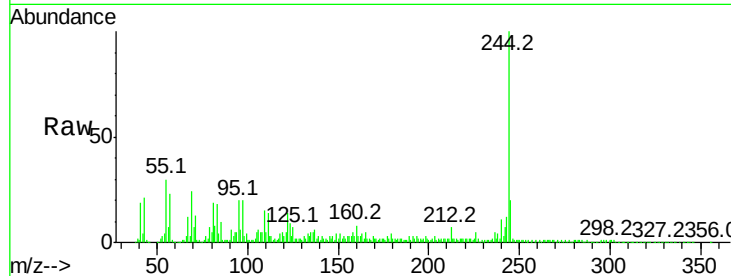
Tot Ion:244 Resp: 676602

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

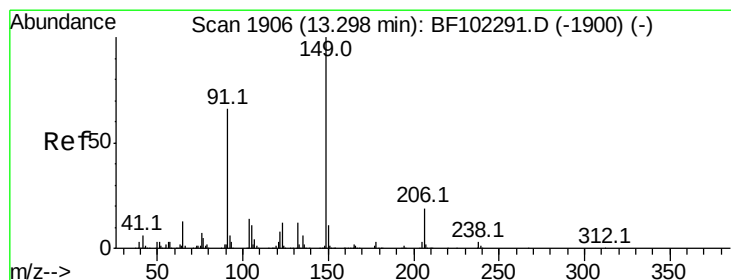
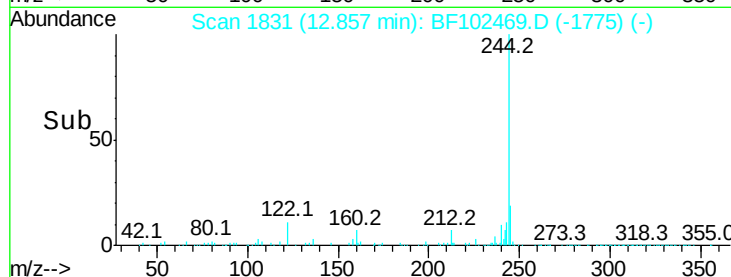
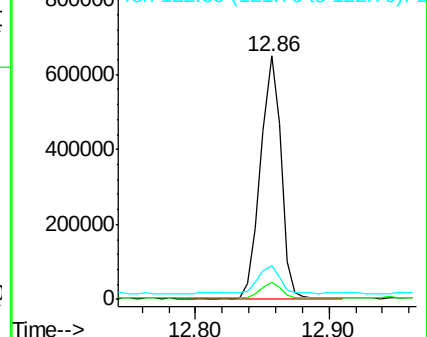
122 13.7 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 52.810 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.04 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

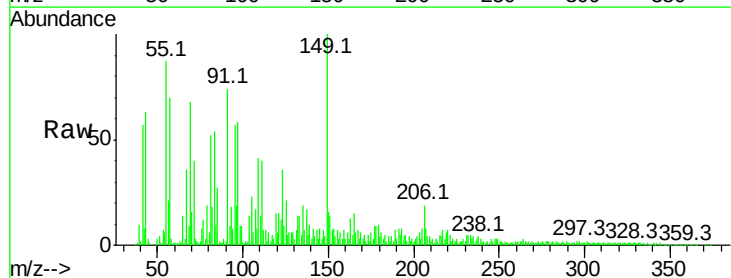
Tgt Ion:149 Resp: 260199

Ion Ratio Lower Upper

149 100

91 74.2 56.8 85.2

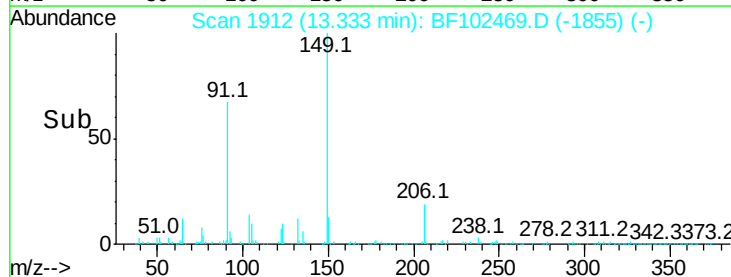
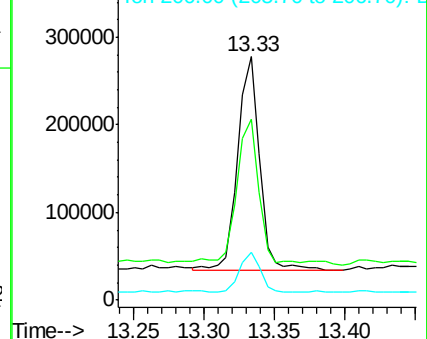
206 19.5 14.1 21.1

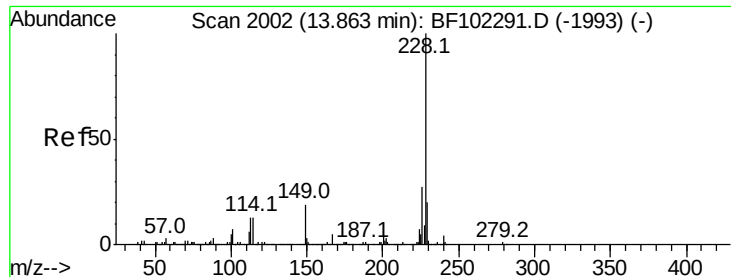


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

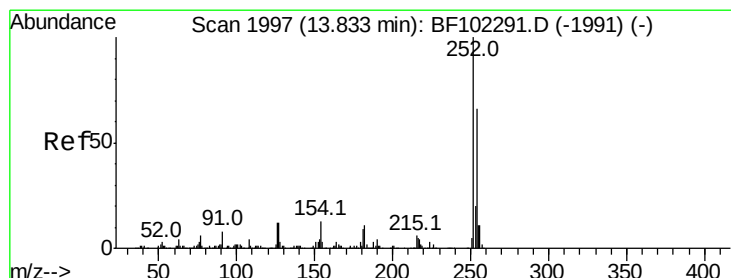
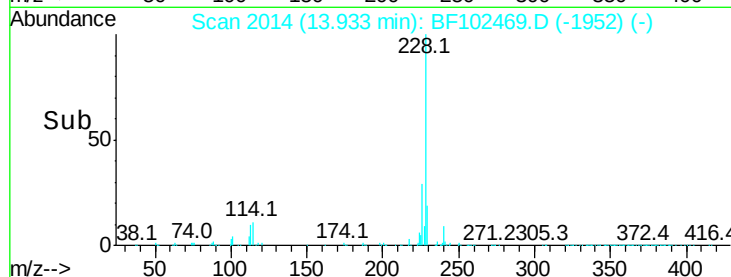
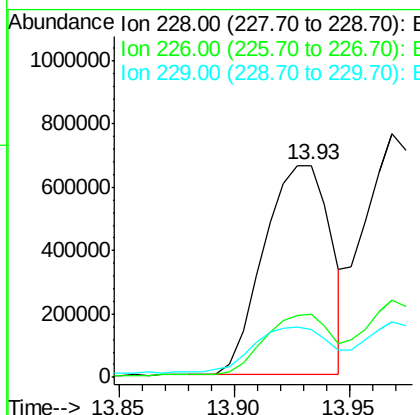
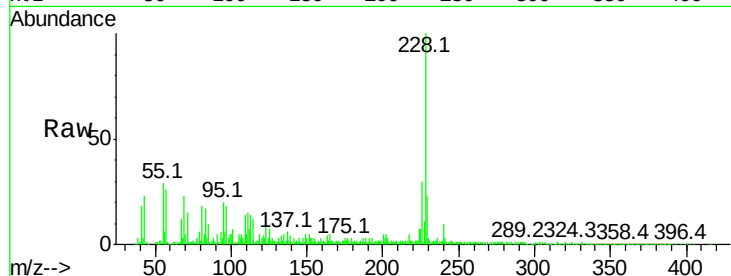




#80
Benzo(a)anthracene
Concen: 168.024 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.06 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

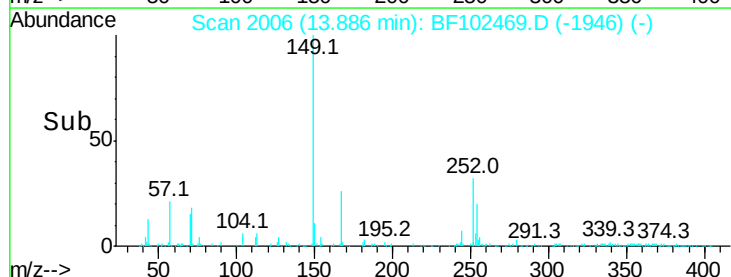
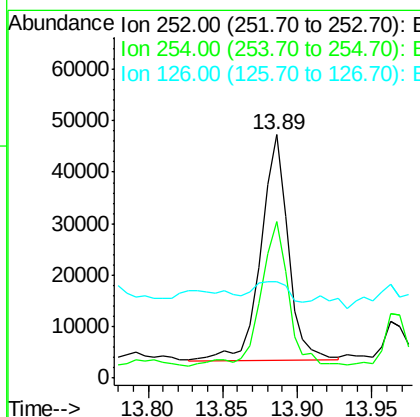
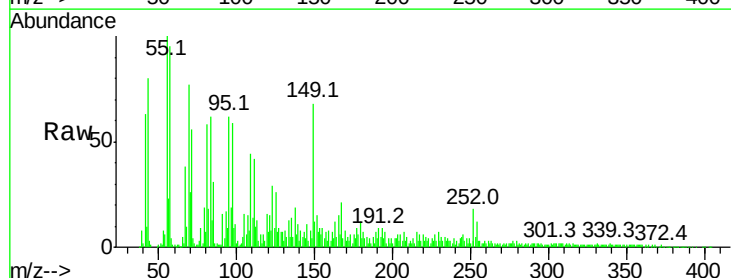
Instrument :
BNA_F
ClientSampleId :

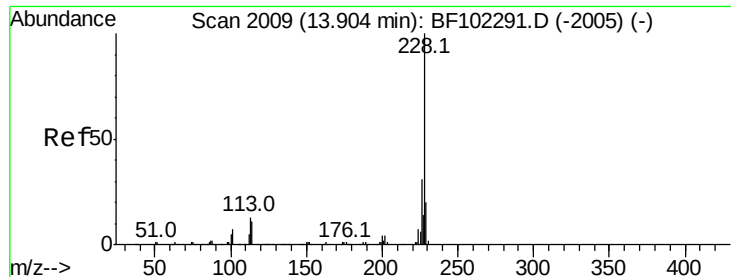
Tot Ion:228 Resp: 1324671
Ion Ratio Lower Upper
228 100
226 30.0 22.6 33.8
229 22.7 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 19.170 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.05 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion:252 Resp: 55440
Ion Ratio Lower Upper
252 100
254 64.2 50.4 75.6
126 39.5 11.3 16.9#





#82

Chrysene

Concen: 120.649 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.06 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampled :

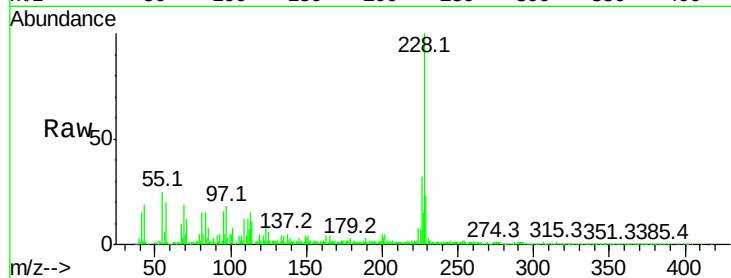
Tot Ion:228 Resp: 965913

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

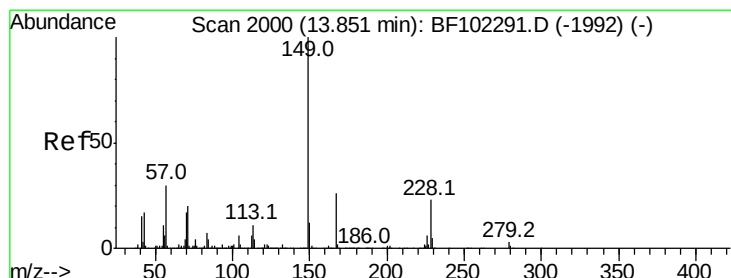
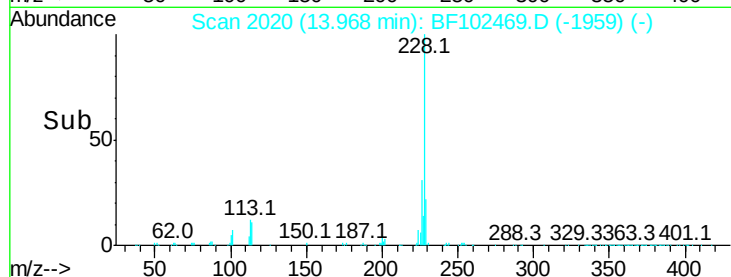
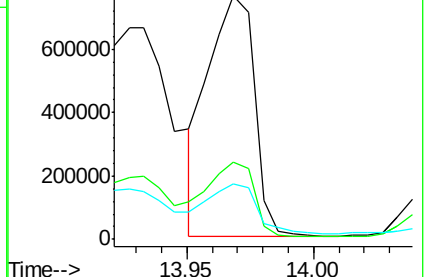
229 23.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 65.120 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.05 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

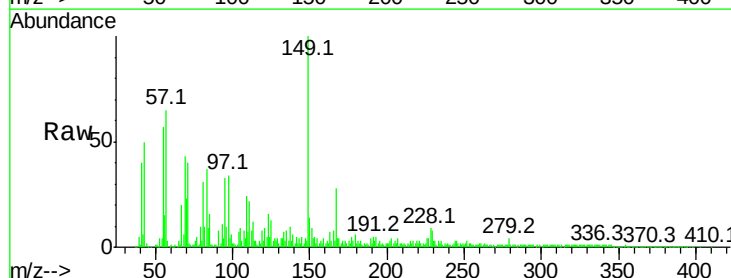
Tgt Ion:149 Resp: 431187

Ion Ratio Lower Upper

149 100

167 28.2 21.3 31.9

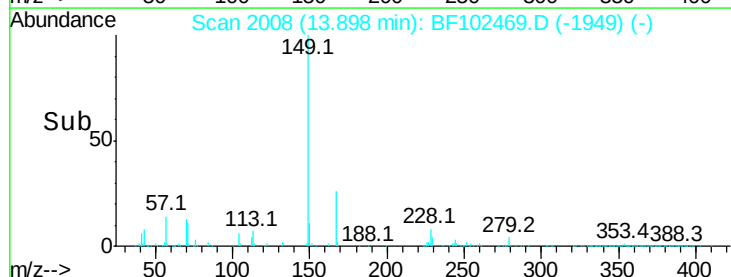
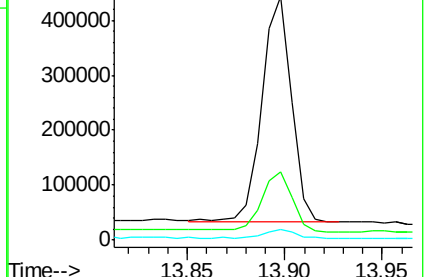
279 4.4 3.0 4.4#

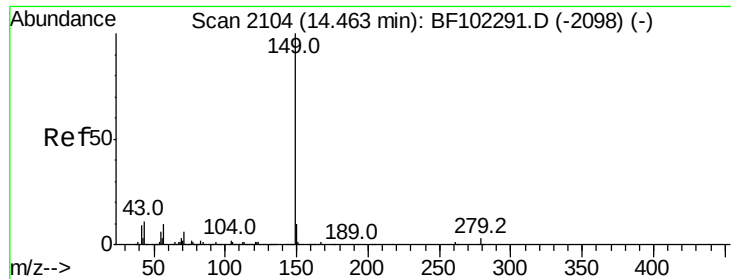


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 46.753 ng

RT: 14.51 min Scan# 2112

Delta R.T. 0.05 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

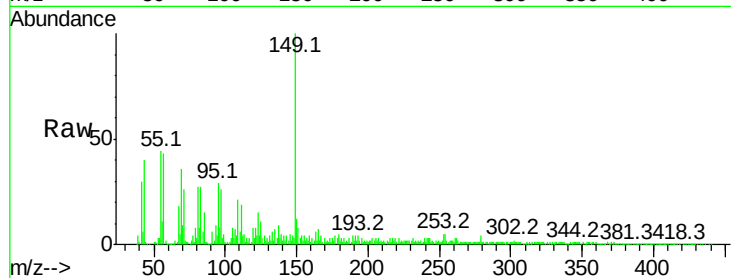
Tot Ion:149 Resp: 503446

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

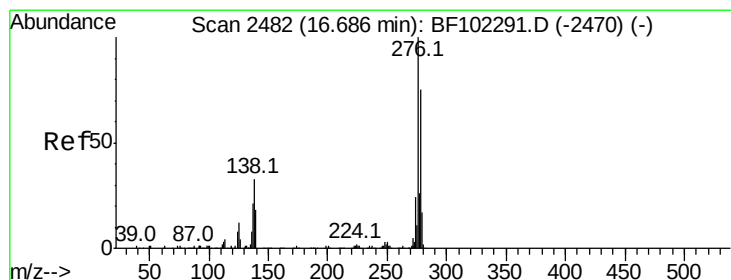
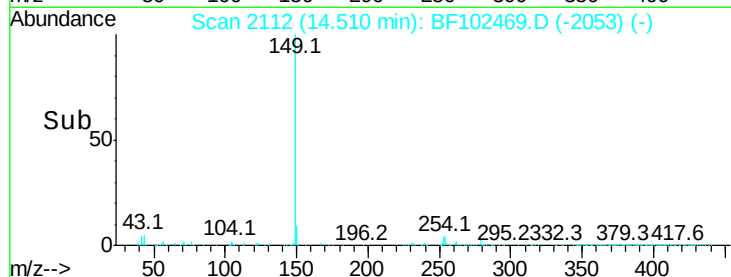
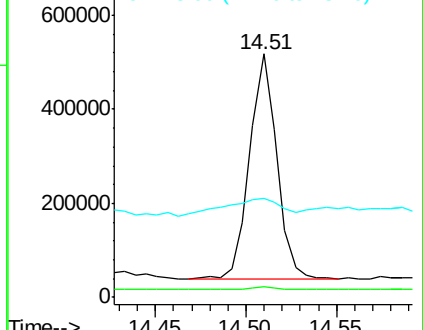
43 16.7 8.4 12.6#



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: 146.434 ng

RT: 16.84 min Scan# 2508

Delta R.T. 0.14 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

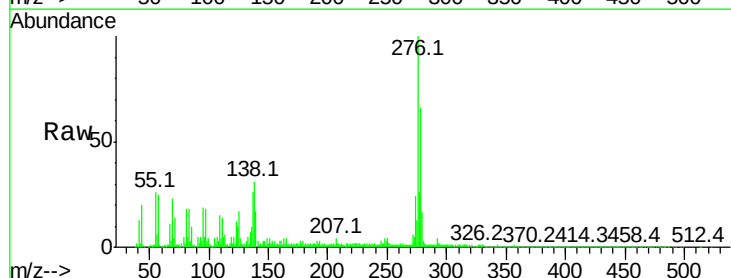
Tgt Ion:276 Resp: 968197

Ion Ratio Lower Upper

276 100

138 26.8 25.0 37.6

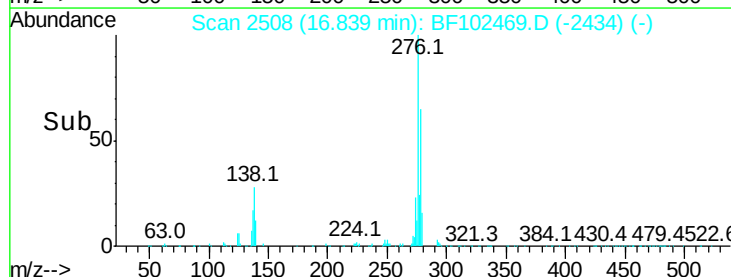
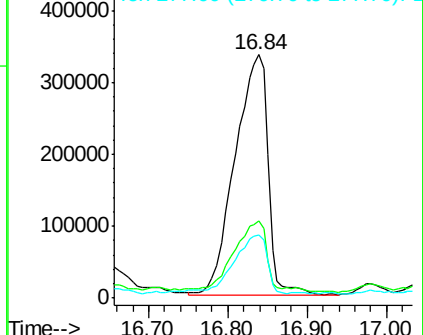
277 23.5 20.1 30.1

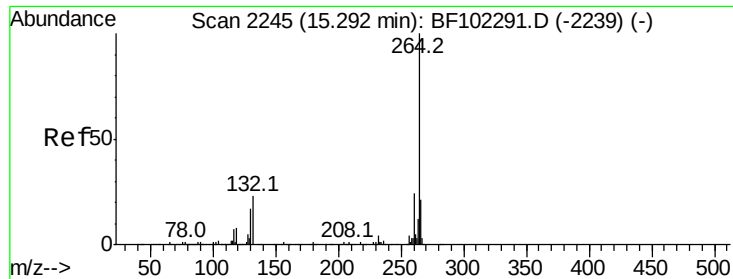


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

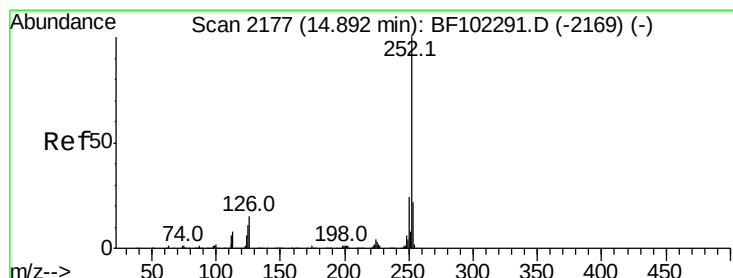
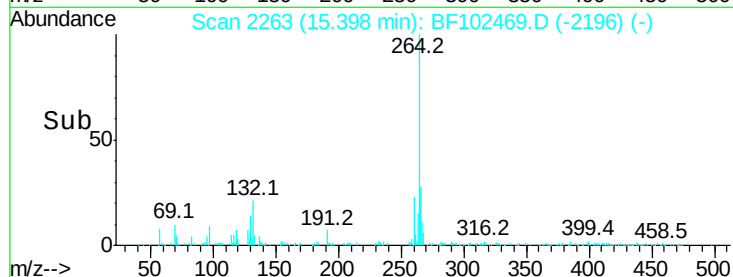
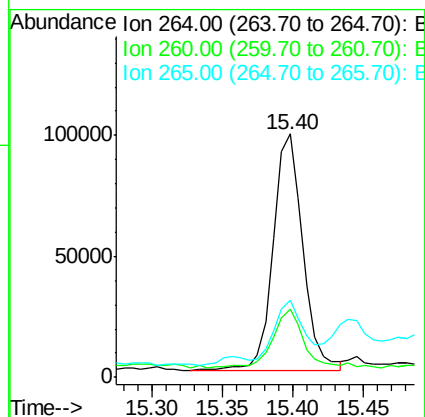
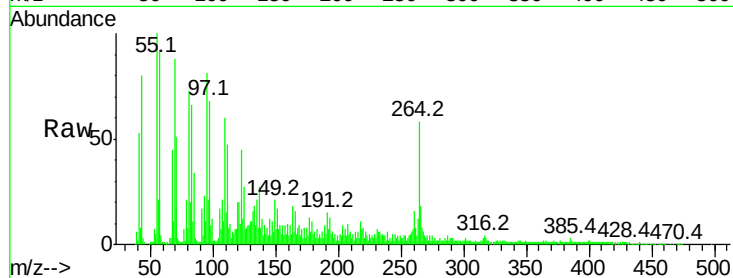




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.09 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

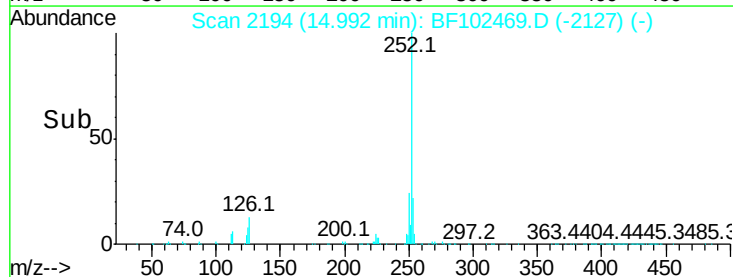
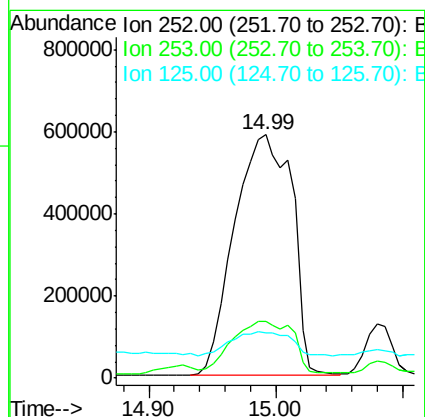
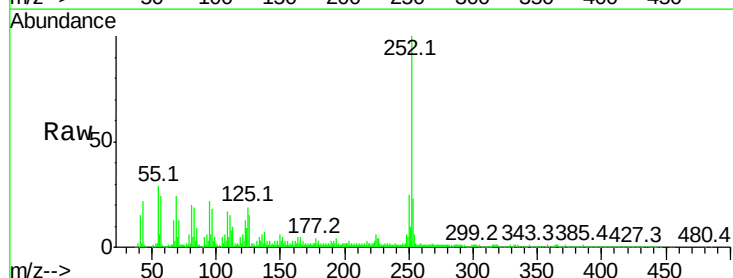
Instrument :
BNA_F
ClientSampleId :

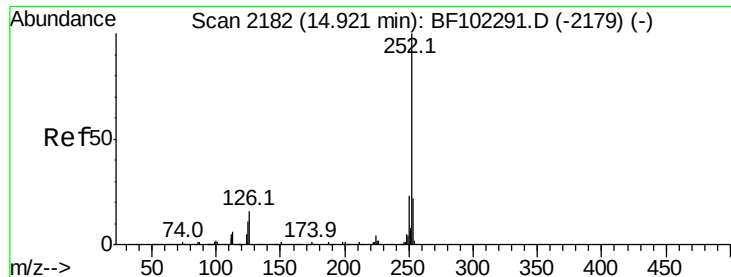
Tot Ion:264 Resp: 143302
Ion Ratio Lower Upper
264 100
260 27.8 19.2 28.8
265 31.7 17.5 26.3#



#87
Benzo(b)fluoranthene
Concen: 198.739 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.09 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion:252 Resp: 1845914
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 18.8 9.0 13.6#

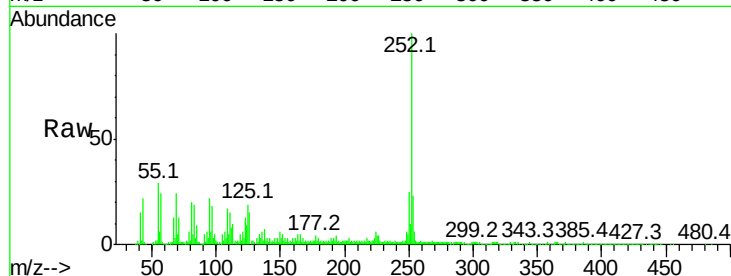




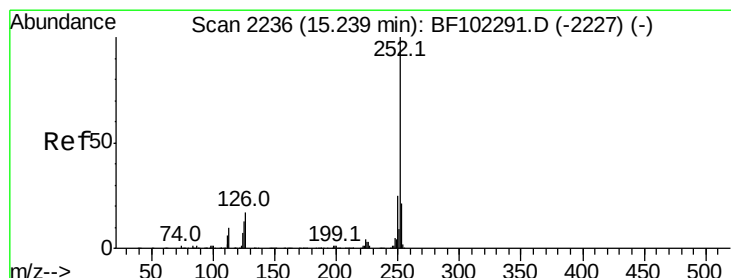
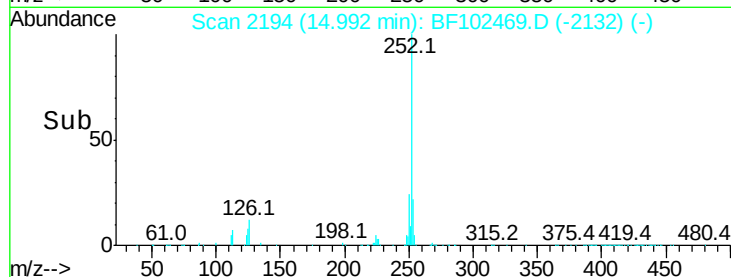
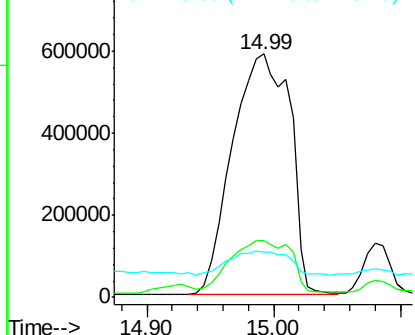
#88
Benzo(k)fluoranthene
Concen: 210.355 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.06 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1845914
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 18.8 10.2 15.2#

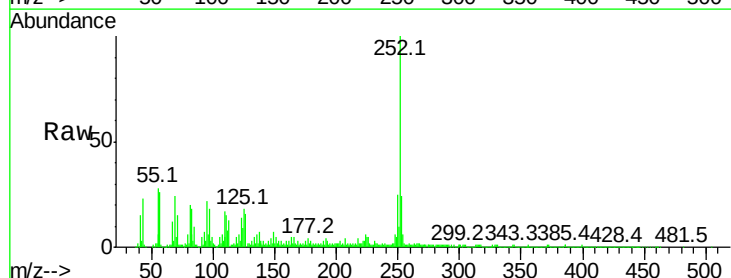


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

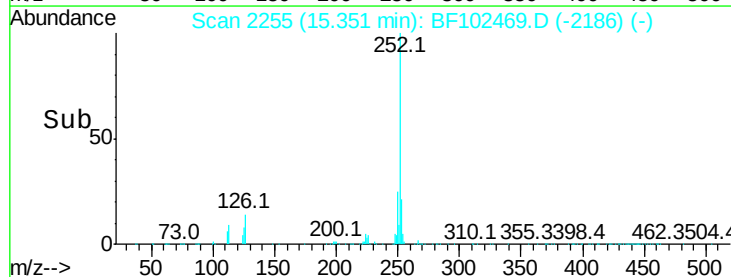
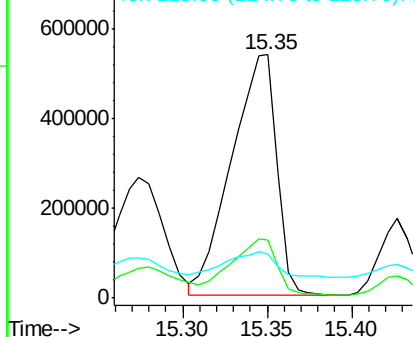


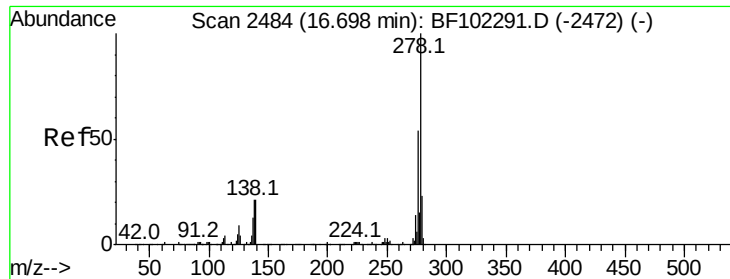
#89
Benzo(a)pyrene
Concen: 119.988 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.11 min
Lab File: BF102469.D
Acq: 26 Jan 2018 15:33

Tgt Ion:252 Resp: 1005125
Ion Ratio Lower Upper
252 100
253 24.1 17.1 25.7
125 18.2 9.8 14.6#



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





#90

Dibenzo(a,h)anthracene

Concen: 69.937 ng

RT: 16.84 min Scan# 2508

Delta R.T. 0.12 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

Instrument :

BNA_F

ClientSampleId :

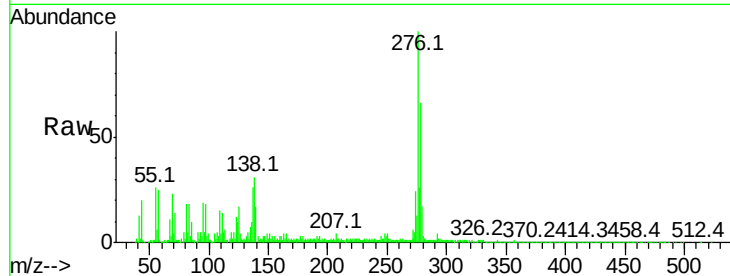
Tot Ion:278 Resp: 474570

Ion	Ratio	Lower	Upper
278	100		
139	25.2	15.9	23.9
279	26.0	19.0	28.4

278 100

139 25.2 15.9 23.9

279 26.0 19.0 28.4

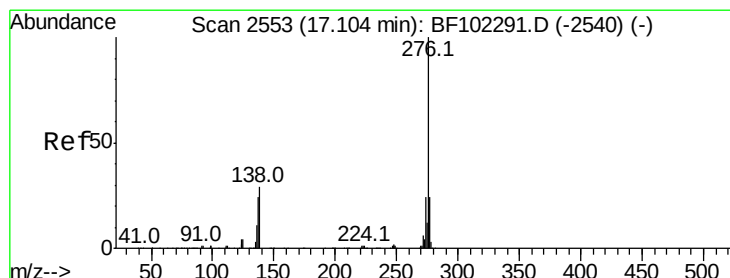
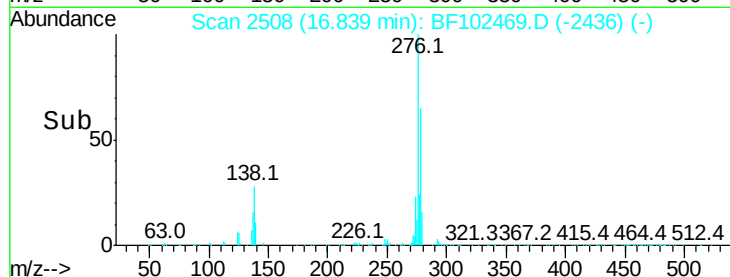
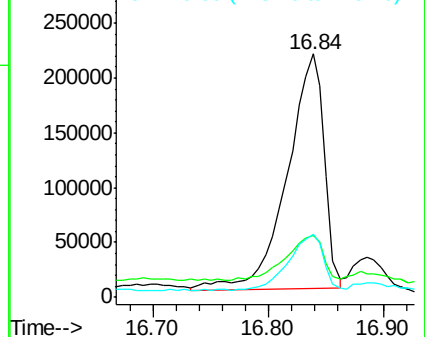


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 130.653 ng

RT: 17.27 min Scan# 2581

Delta R.T. 0.14 min

Lab File: BF102469.D

Acq: 26 Jan 2018 15:33

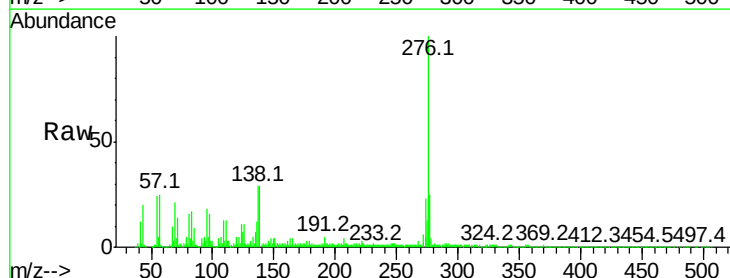
Tgt Ion:276 Resp: 875390

Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	29.0	21.8	32.8

276 100

277 25.0 17.9 26.9

138 29.0 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

