

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
 Data File : BF107035.D
 Acq On : 2 Jul 2018 11:01
 Operator : JU/SJ
 Sample : J3749-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

Quant Time: Jul 02 12:14:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	77567	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	305929	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	153824	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	272806	20.00	ng	0.00
75) Chrysene-d12	14.16	240	206028	20.00	ng	0.00
86) Perylene-d12	15.71	264	183316	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	487709	106.47	ng	0.00
7) Phenol-d6	6.61	99	623266	108.95	ng	0.00
23) Nitrobenzene-d5	7.52	82	397868	72.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	192781	108.13	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	713069	77.09	ng	-0.01
78) Terphenyl-d14	13.08	244	705446	82.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	49649	21.082	ng	98
3) Pyridine	3.61	79	146804	22.985	ng	98
4) n-Nitrosodimethylamine	3.56	42	67543	24.899	ng	81
6) Aniline	6.63	93	98382	12.678	ng	# 1
8) 2-Chlorophenol	6.75	128	163866	32.615	ng	99
9) Benzaldehyde	6.51	77	92140	20.764	ng	97
10) Phenol	6.63	94	214259	32.819	ng	95
11) bis(2-Chloroethyl)ether	6.69	93	207803	38.557	ng	96
12) 1,3-Dichlorobenzene	6.90	146	185113	31.458	ng	99
13) 1,4-Dichlorobenzene	6.97	146	185100	31.113	ng	99
14) 1,2-Dichlorobenzene	7.12	146	174692	32.040	ng	99
15) Benzyl Alcohol	7.11	79	133624	29.091	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	218401	30.885	ng	# 43
17) 2-Methylphenol	7.22	107	136537	31.756	ng	# 89
18) Hexachloroethane	7.47	117	60119	28.736	ng	# 84
19) n-Nitroso-di-n-propylamine	7.37	70	114251	30.299	ng	95
20) 3+4-Methylphenols	7.38	107	184582	38.103	ng	95
22) Acetophenone	7.37	105	232417	33.957	ng	97
24) Nitrobenzene	7.54	77	179868	32.003	ng	98
25) Isophorone	7.78	82	310512	32.010	ng	99
26) 2-Nitrophenol	7.86	139	93609	35.282	ng	93
27) 2,4-Dimethylphenol	7.90	122	152295	37.137	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	205108	31.491	ng	98
29) 2,4-Dichlorophenol	8.11	162	155099	36.125	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	164199	34.717	ng	97
31) Naphthalene	8.27	128	489508	34.224	ng	100
32) Benzoic acid	7.90	122	152295	50.690	ng	# 14
33) 4-Chloroaniline	8.32	127	122713	20.447	ng	98
34) Hexachlorobutadiene	8.37	225	107143	34.766	ng	97
35) Caprolactam	8.69	113	46098	32.939	ng	97
36) 4-Chloro-3-methylphenol	8.81	107	152157	33.670	ng	98
37) 2-Methylnaphthalene	8.95	142	356212	37.573	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	182583	35.246	ng	# 95
42) 2,4,6-Trichlorophenol	9.24	196	108800	31.596	ng	93

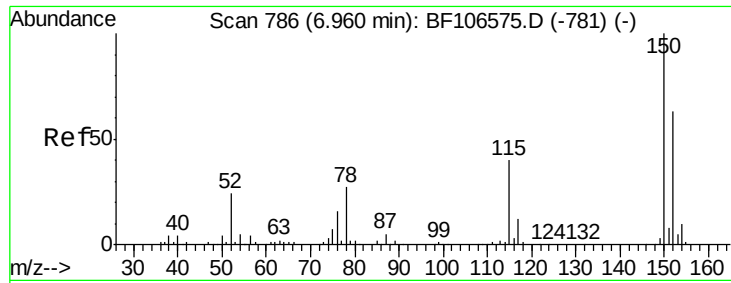
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
 Data File : BF107035.D
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 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	111530	31.040	ng	91
45) 1,1'-Biphenyl	9.42	154	417019	34.017	ng	97
46) 2-Chloronaphthalene	9.45	162	300663	31.158	ng	95
47) 2-Nitroaniline	9.55	65	96161	29.635	ng	96
48) Acenaphthylene	9.87	152	497022	32.624	ng	99
49) Dimethylphthalate	9.71	163	502000	43.512	ng	98
50) 2,6-Dinitrotoluene	9.79	165	81917	33.531	ng #	84
51) Acenaphthene	10.04	154	304735	31.765	ng	98
52) 3-Nitroaniline	9.96	138	64224	22.845	ng	99
53) 2,4-Dinitrophenol	10.08	184	5618	9.480	ng #	23
54) Dibenzofuran	10.21	168	445995	33.951	ng	96
55) 4-Nitrophenol	10.14	139	80609	41.079	ng	98
56) 2,4-Dinitrotoluene	10.20	165	102000	31.987	ng	89
57) Fluorene	10.55	166	361111	34.641	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	93145	32.611	ng #	77
59) Diethylphthalate	10.41	149	333208	29.924	ng #	93
60) 4-Chlorophenyl-phenylether	10.54	204	175667	32.207	ng #	86
61) 4-Nitroaniline	10.58	138	69192	24.800	ng	94
62) Azobenzene	10.70	77	294598	26.866	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	25554	15.154	ng #	70
65) n-Nitrosodiphenylamine	10.66	169	290139	31.620	ng	100
66) 4-Bromophenyl-phenylether	11.03	248	116899	35.905	ng #	78
67) Hexachlorobenzene	11.10	284	113745	33.379	ng #	86
68) Atrazine	11.18	200	97332	33.367	ng	97
69) Pentachlorophenol	11.31	266	64311	37.824	ng	99
70) Phenanthrene	11.52	178	812084	61.718	ng	99
71) Anthracene	11.58	178	584793	43.542	ng	100
72) Carbazole	11.73	167	391926	31.169	ng	98
73) Di-n-butylphthalate	12.04	149	452014	30.514	ng	100
74) Fluoranthene	12.72	202	1156669	79.755	ng	95
76) Benzidine	12.84	184	25675	4.376	ng #	91
77) Pyrene	12.95	202	1118741	82.344	ng	97
79) Butylbenzylphthalate	13.55	149	161206	28.859	ng #	89
80) Benzo(a)anthracene	14.15	228	840554	66.940	ng	98
81) 3,3'-Dichlorobenzidine	14.10	252	93877	21.272	ng #	96
82) Chrysene	14.19	228	750603	64.975	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	229338	32.114	ng #	96
84) Di-n-octyl phthalate	14.74	149	361864	31.086	ng #	93
85) Indeno(1,2,3-cd)pyrene	17.32	276	449800	45.882	ng #	87
87) Benzo(b)fluoranthene	15.25	252	827654	72.681	ng	95
88) Benzo(k)fluoranthene	15.28	252	494738	45.622	ng #	96
89) Benzo(a)pyrene	15.58	252	251301	24.824	ng	96
90) Dibenzo(a,h)anthracene	17.32	278	275363	32.096	ng #	92
91) Benzo(g,h,i)perylene	17.81	276	407960	48.650	ng #	88

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

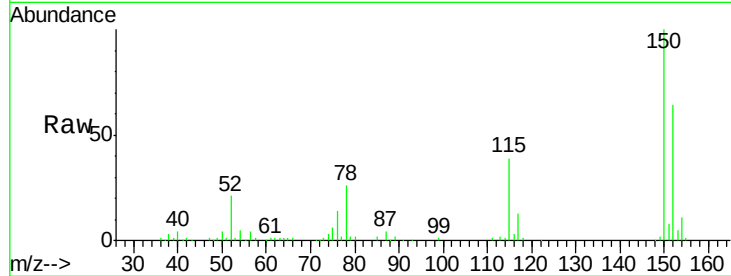


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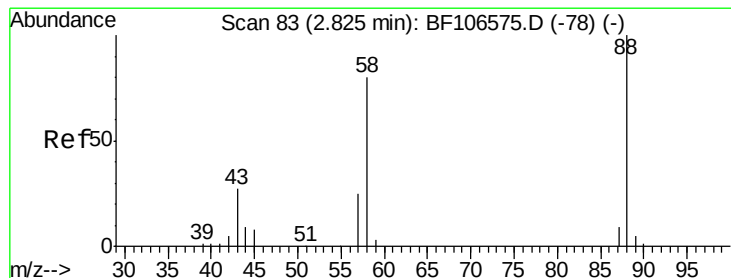
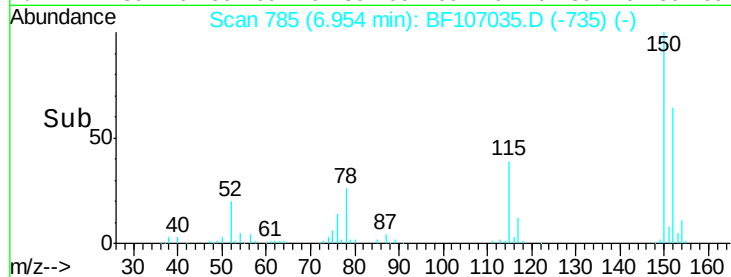
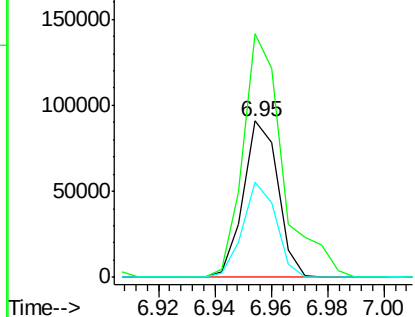
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tgt Ion:152 Resp: 77567
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 61.3 50.1 75.1



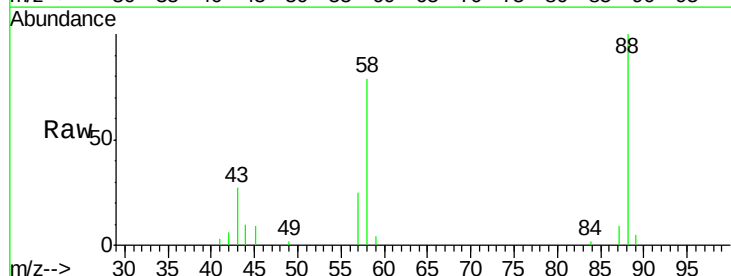
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



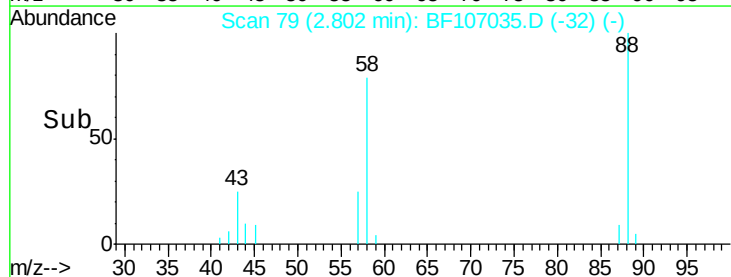
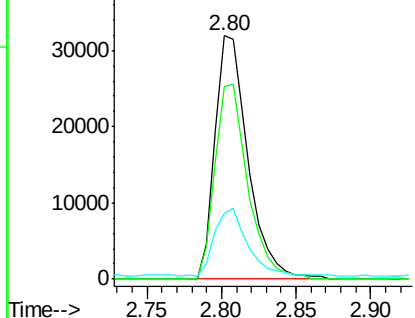
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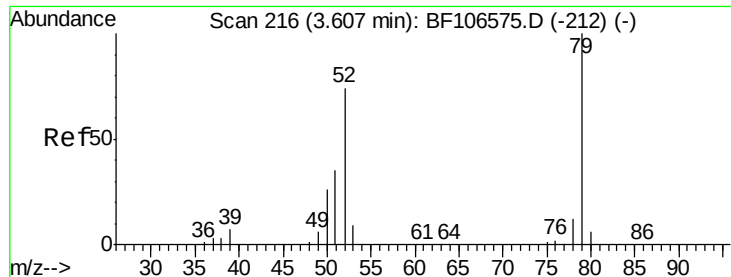
1,4-Dioxane
Concen: 21.082 ng
RT: 2.80 min Scan# 79
Delta R.T. -0.02 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion: 88 Resp: 49649
Ion Ratio Lower Upper
88 100
58 79.6 62.6 93.8
43 28.7 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

Pyridine

Concen: 22.985 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

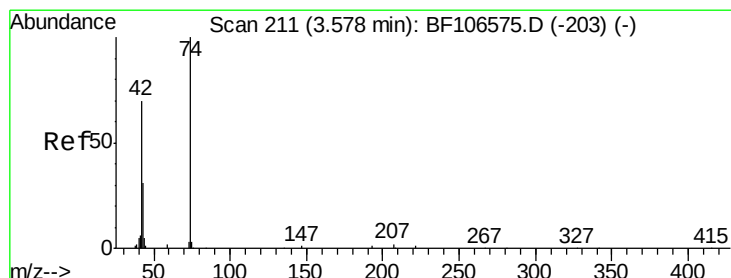
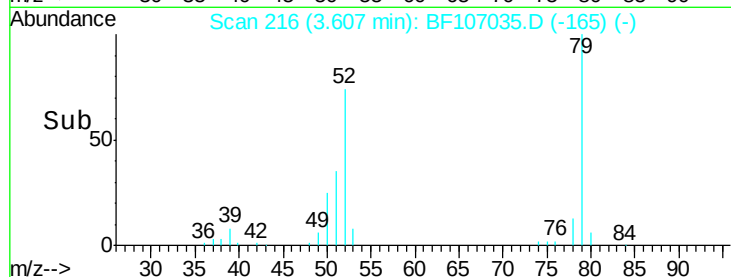
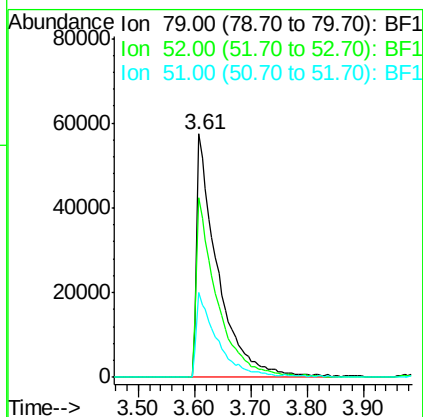
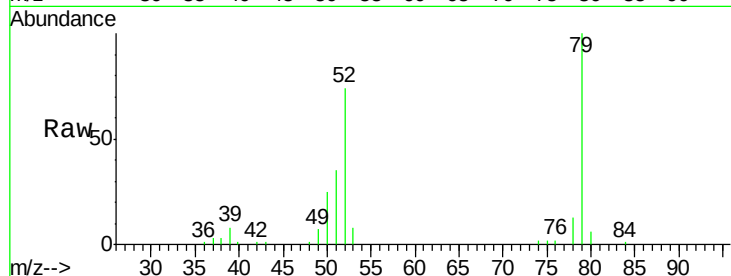
Tgt Ion: 79 Resp: 146804

Ion Ratio Lower Upper

79 100

52 73.8 59.8 89.6

51 35.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 24.899 ng

RT: 3.56 min Scan# 208

Delta R.T. -0.03 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

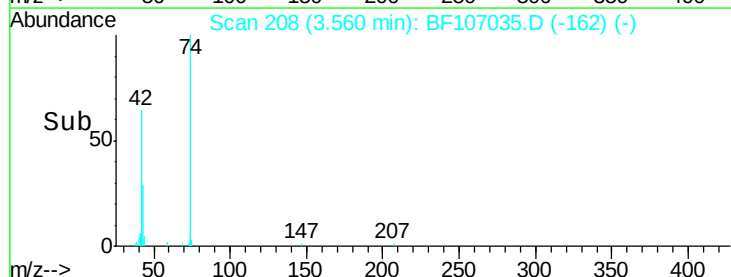
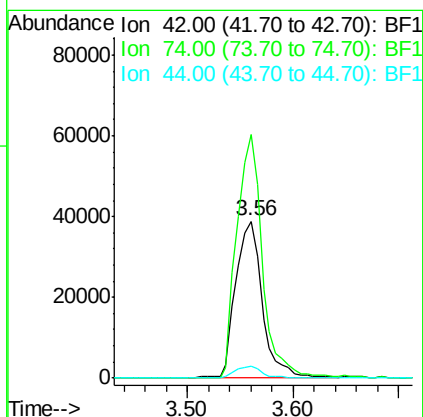
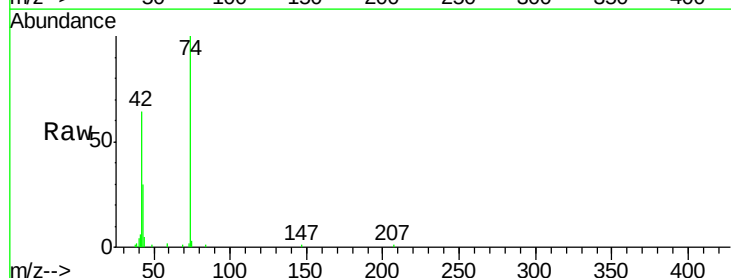
Tgt Ion: 42 Resp: 67543

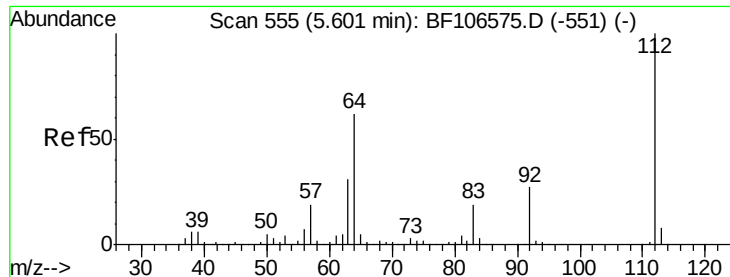
Ion Ratio Lower Upper

42 100

74 155.1 104.9 157.3

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 106.469 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

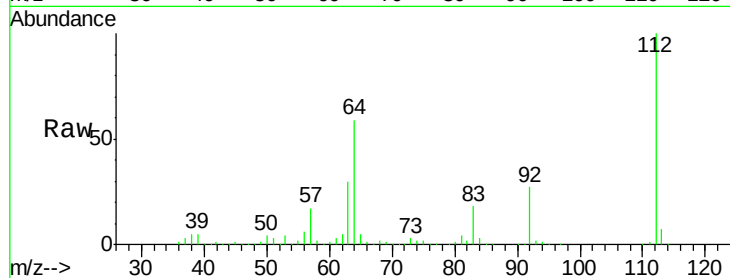
Tgt Ion: 112 Resp: 487709

Ion Ratio Lower Upper

112 100

64 59.4 47.9 71.9

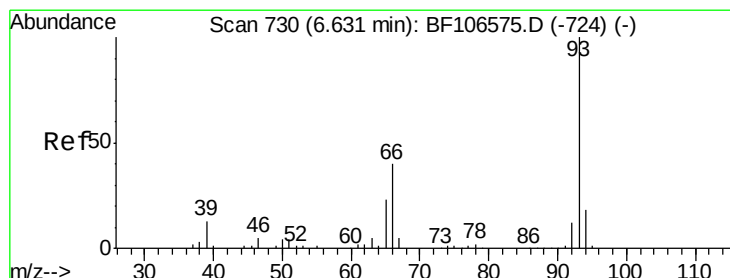
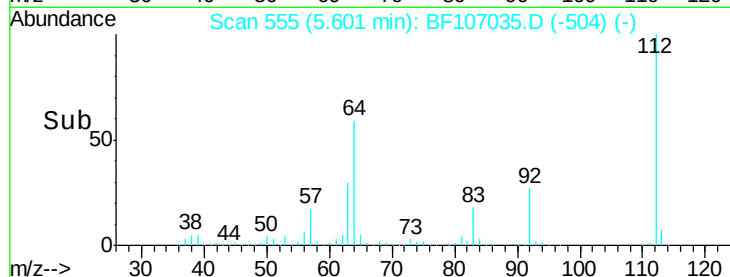
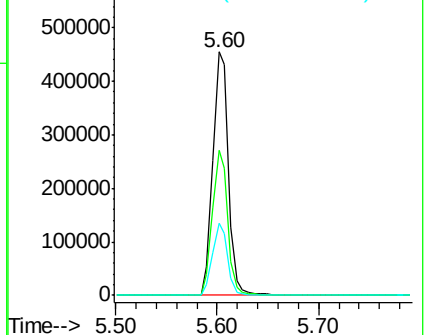
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.678 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

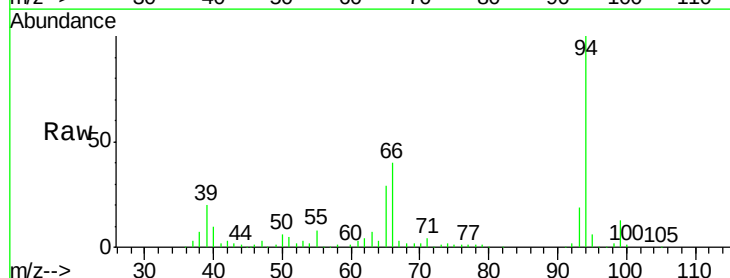
Tgt Ion: 93 Resp: 98382

Ion Ratio Lower Upper

93 100

66 216.7 32.2 48.2#

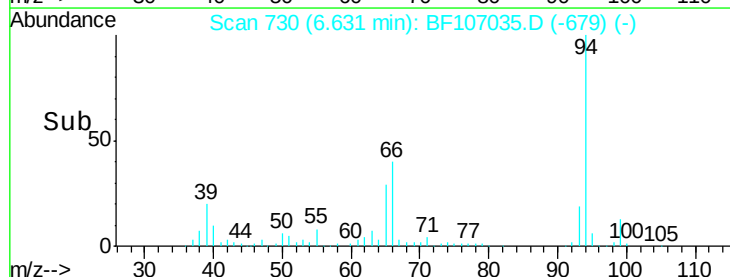
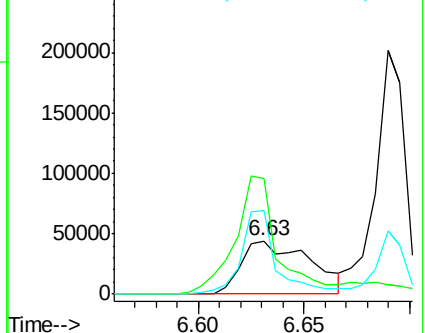
65 155.7 16.4 24.6#

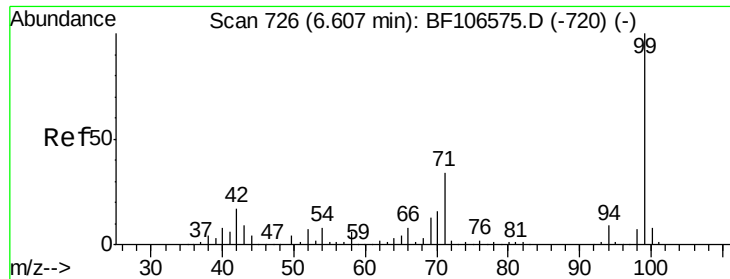


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.953 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

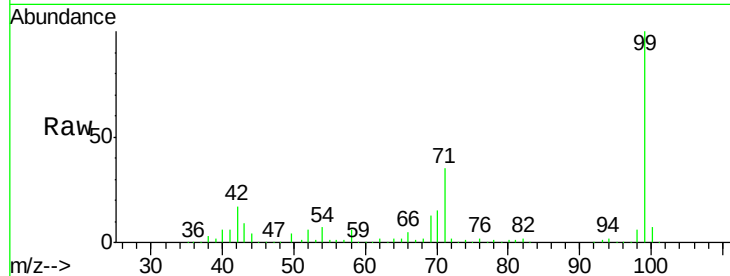
Tgt Ion: 99 Resp: 623266

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

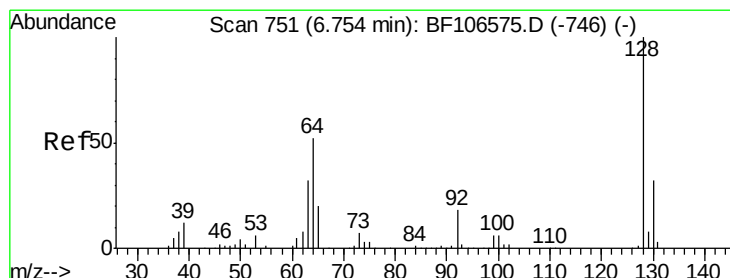
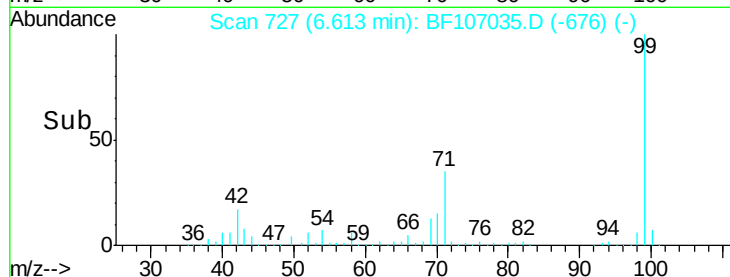
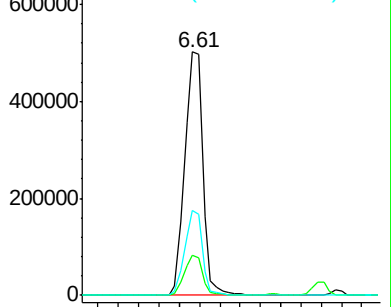
71 34.6 25.4 38.0



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: 32.615 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

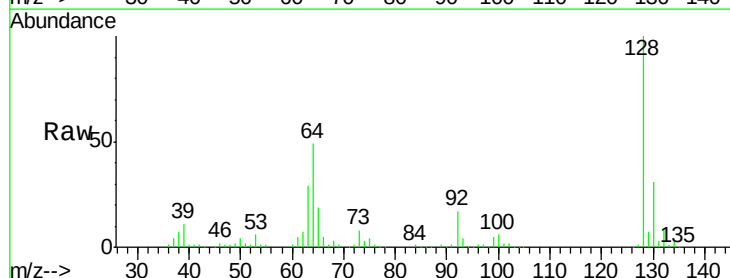
Tgt Ion: 128 Resp: 163866

Ion Ratio Lower Upper

128 100

130 31.3 13.0 53.0

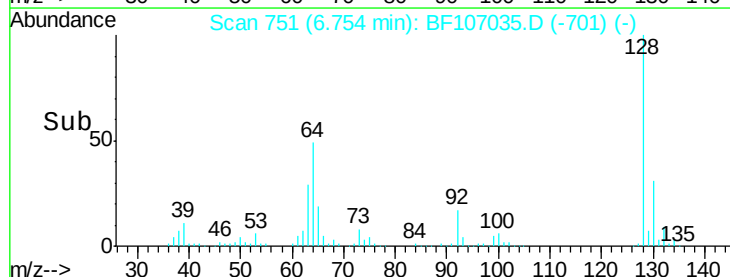
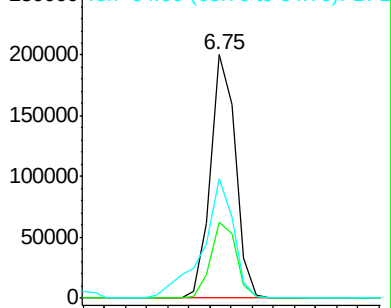
64 49.3 29.4 69.4

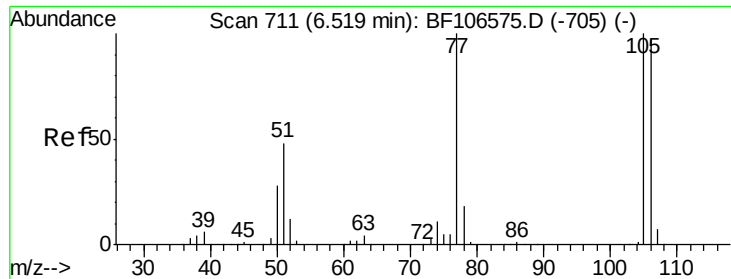


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

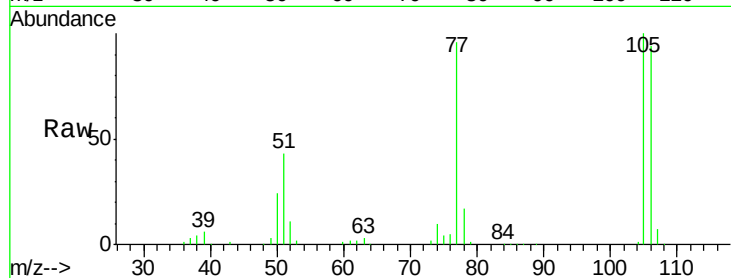




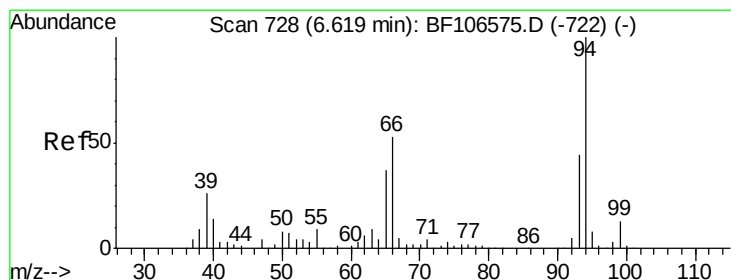
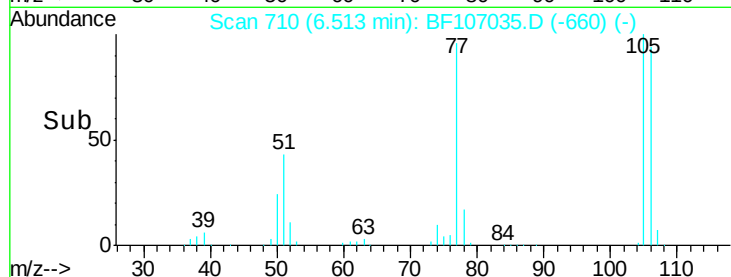
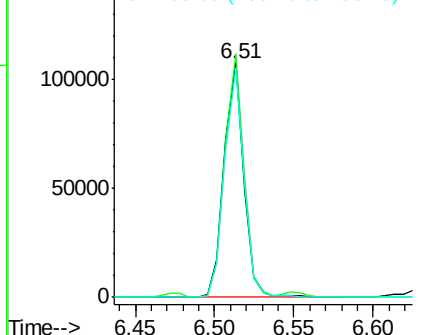
#9
Benzaldehyde
Concen: 20.764 ng
RT: 6.51 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tgt Ion: 77 Resp: 92140
Ion Ratio Lower Upper
77 100
105 104.0 81.1 121.1
106 98.1 74.5 114.5

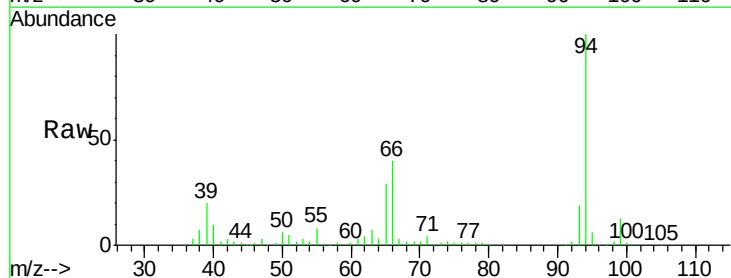


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

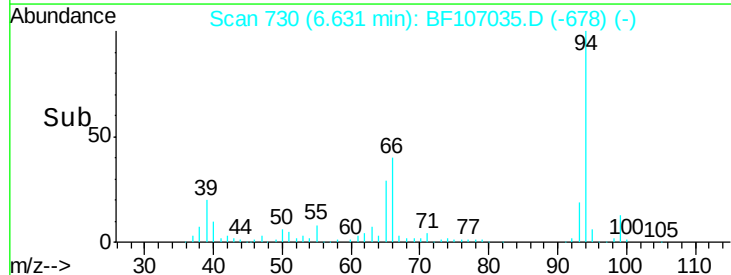
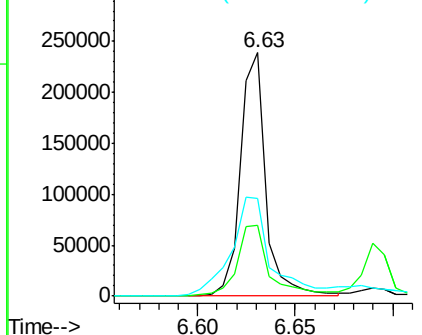


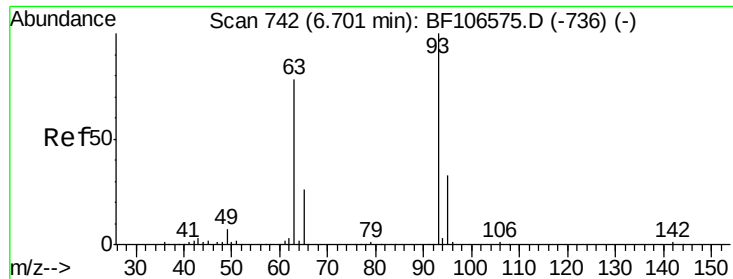
#10
Phenol
Concen: 32.819 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion: 94 Resp: 214259
Ion Ratio Lower Upper
94 100
65 28.8 7.9 47.9
66 40.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

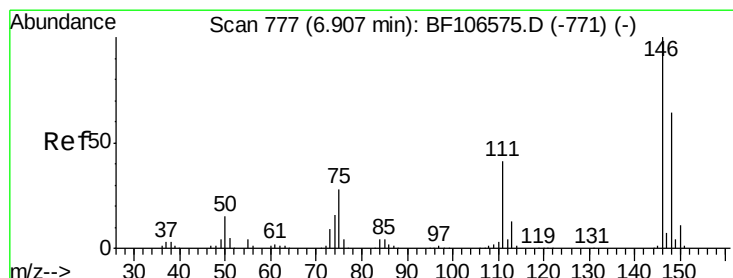
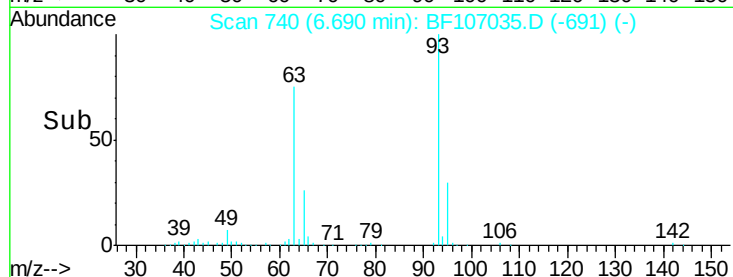
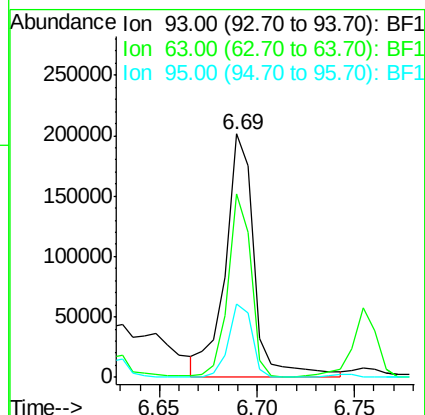
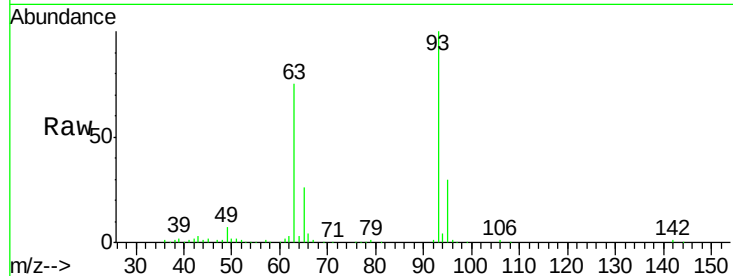




#11
bis(2-Chloroethyl)ether
Concen: 38.557 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

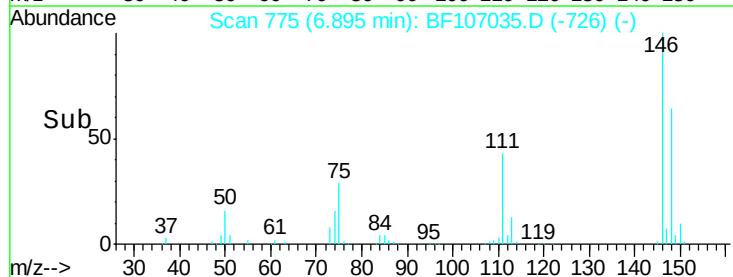
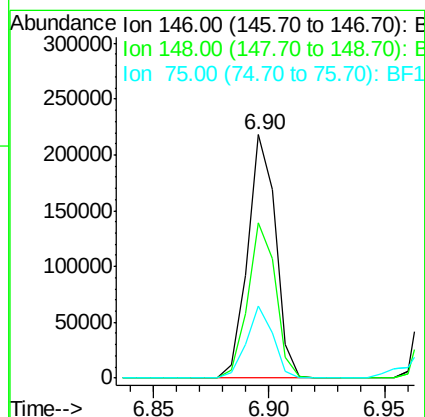
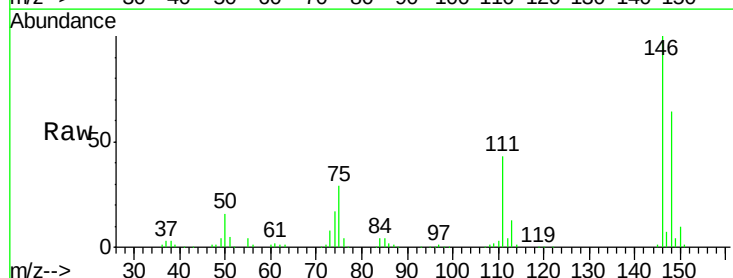
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

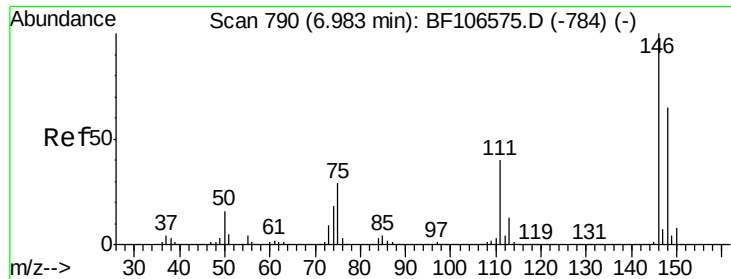
Tgt Ion: 93 Resp: 207803
Ion Ratio Lower Upper
93 100
63 75.2 58.6 98.6
95 30.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 31.458 ng
RT: 6.90 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion: 146 Resp: 185113
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 29.4 24.2 36.4

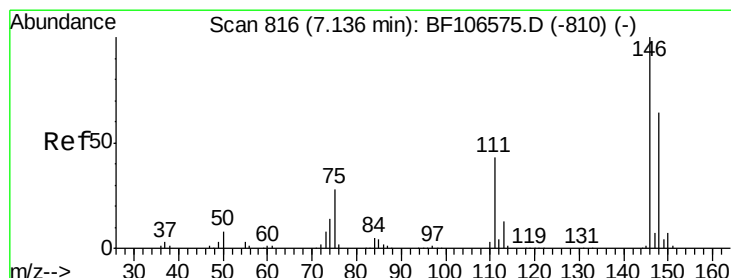
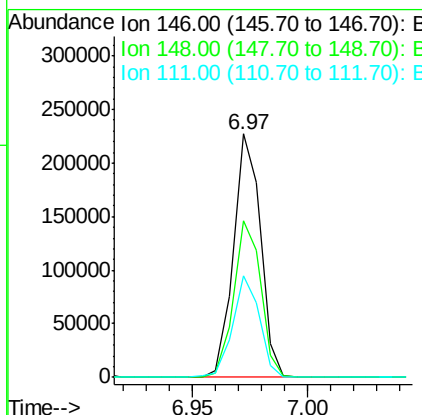
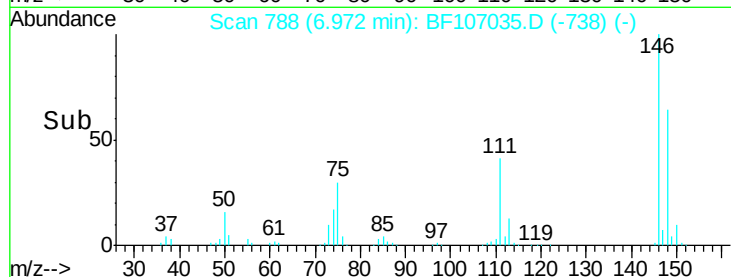
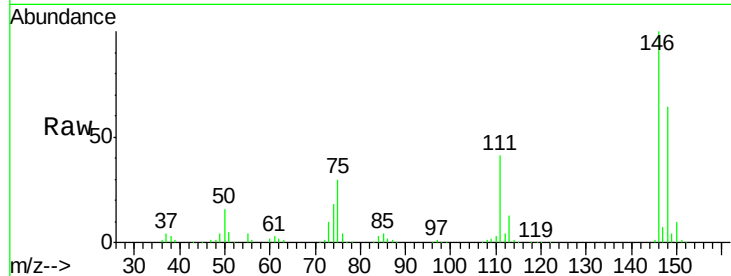




#13
 1,4-Dichlorobenzene
 Concen: 31.113 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

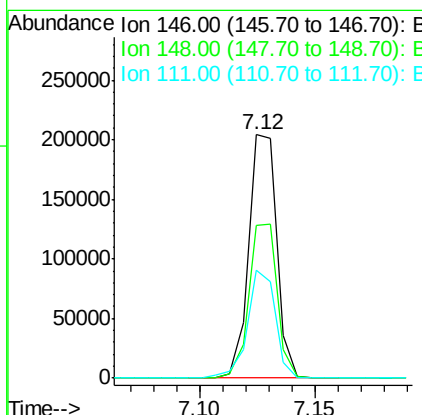
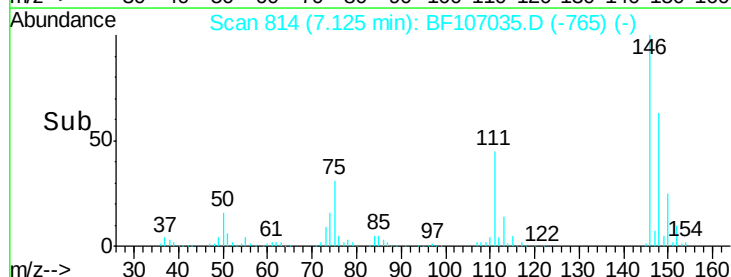
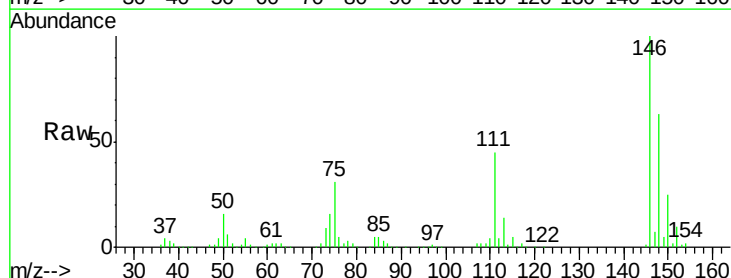
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

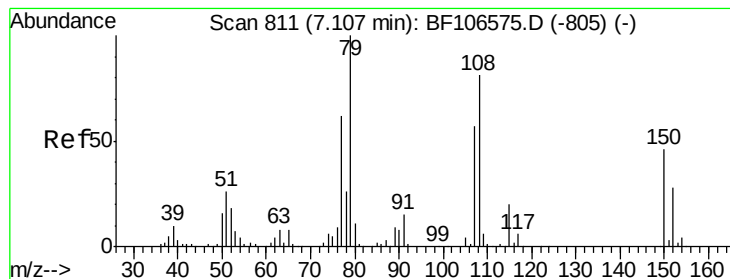
Tgt Ion:146 Resp: 185100
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 41.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 32.040 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion:146 Resp: 174692
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.6 75.8
 111 44.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 29.091 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

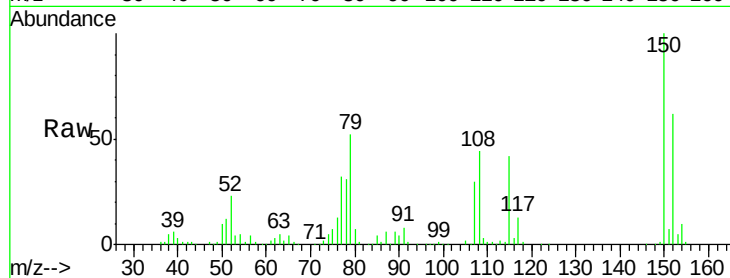
Tgt Ion: 79 Resp: 133624

Ion Ratio Lower Upper

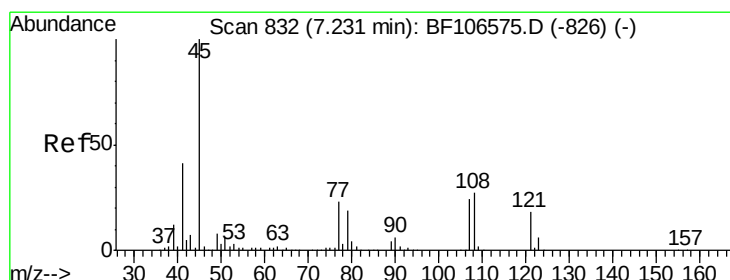
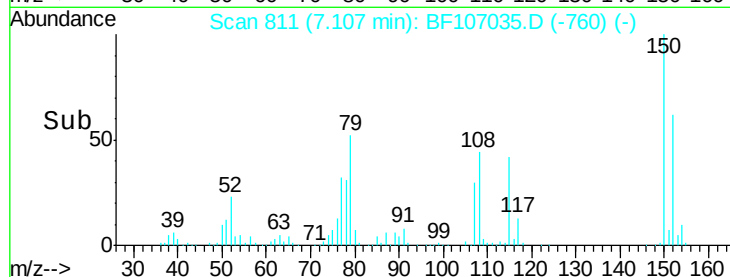
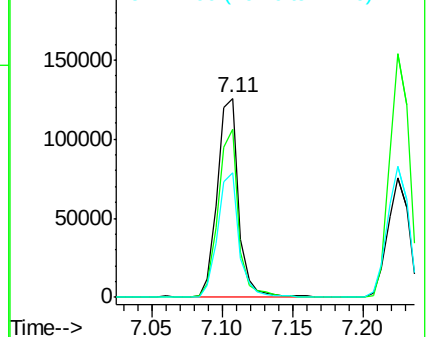
79 100

108 84.3 65.1 97.7

77 62.6 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: 30.885 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

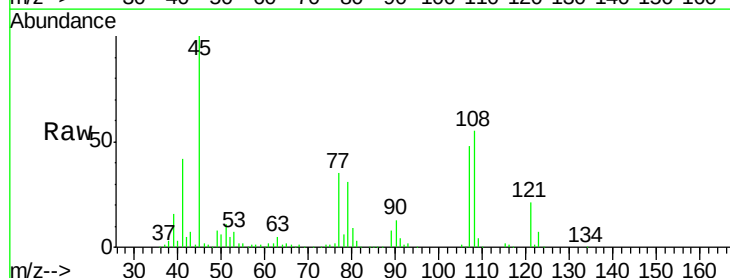
Tgt Ion: 45 Resp: 218401

Ion Ratio Lower Upper

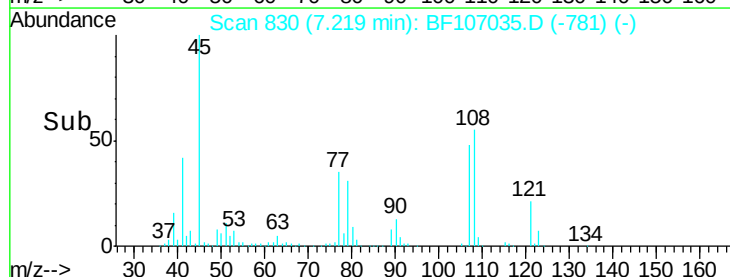
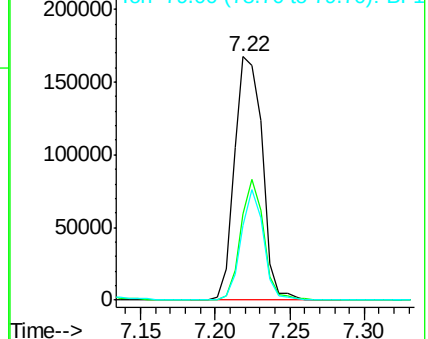
45 100

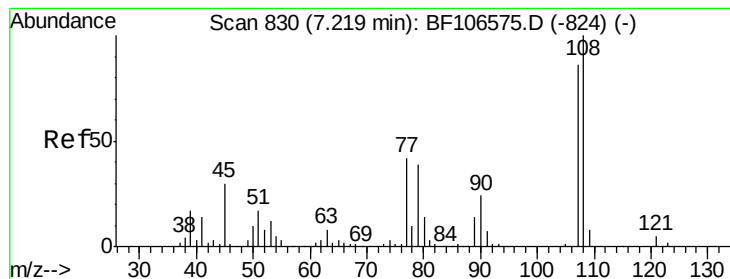
77 35.5 0.0 32.9#

79 30.6 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: 31.756 ng

RT: 7.22 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

Tgt Ion:107 Resp: 136537

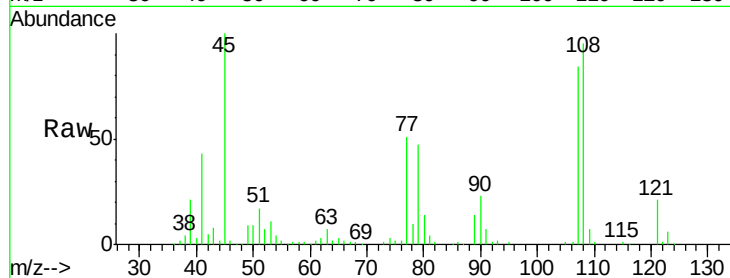
Ion Ratio Lower Upper

107 100

108 113.7 91.7 137.5

77 61.2 33.8 50.8#

79 55.9 33.8 50.8#

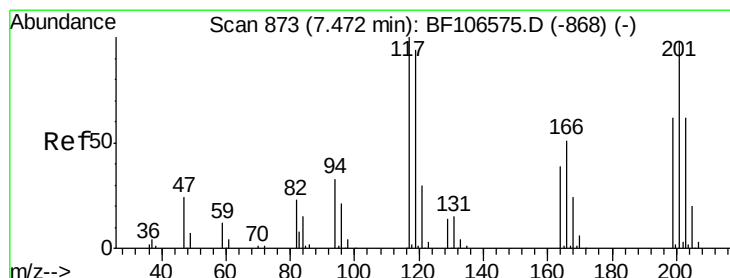
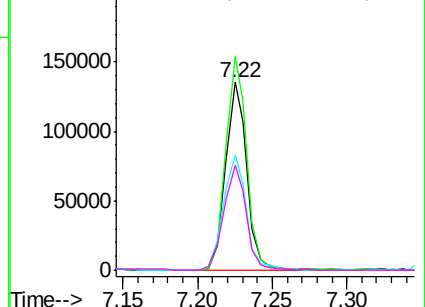
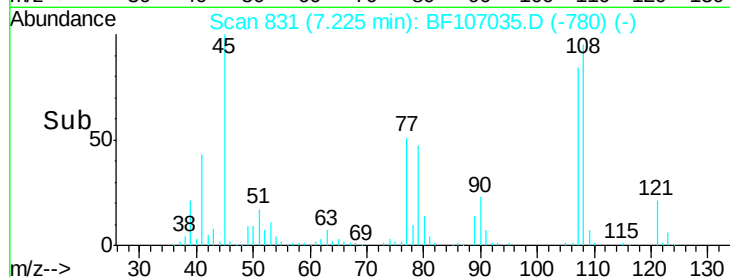


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 28.736 ng

RT: 7.47 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

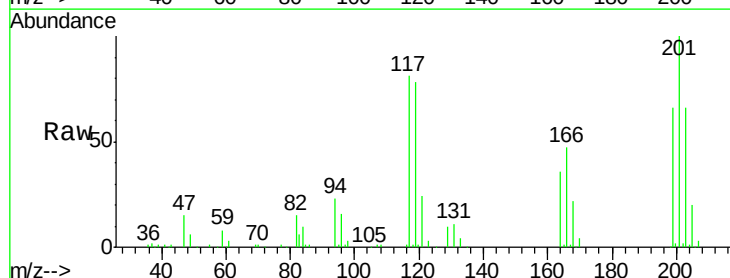
Tgt Ion:117 Resp: 60119

Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.8

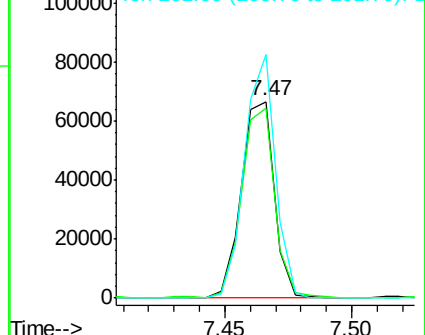
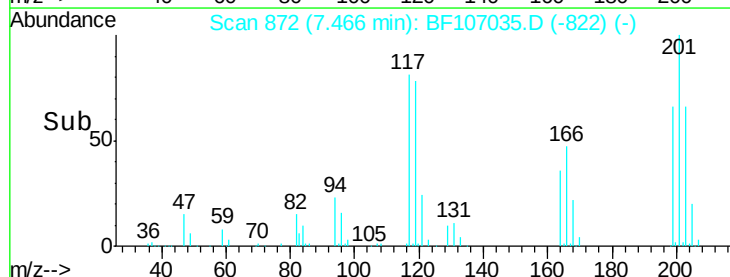
201 124.0 75.7 113.5#

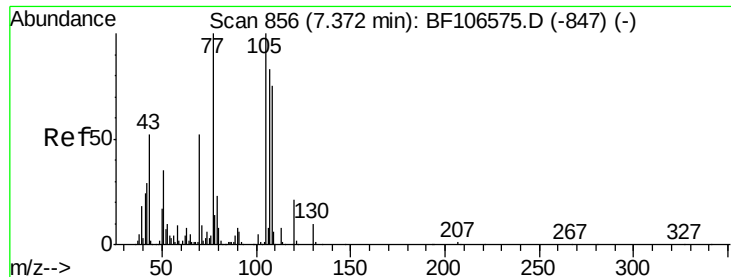


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

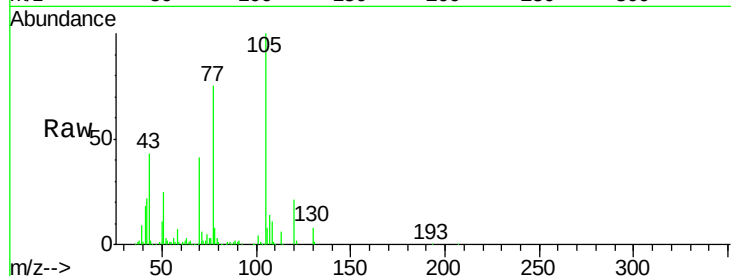




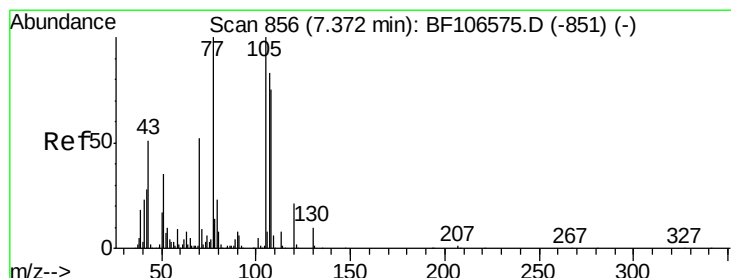
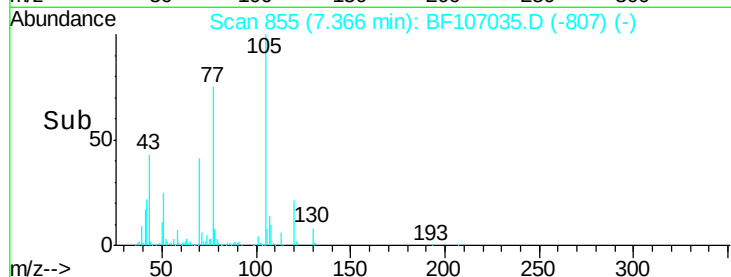
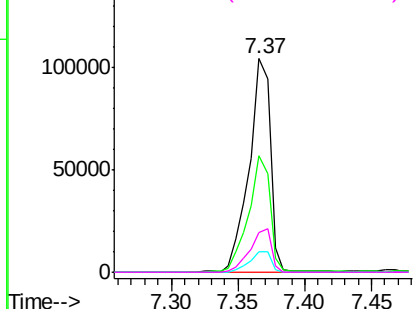
#19
n-Nitroso-di-n-propylamine
Concen: 30.299 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tgt Ion:	70	Resp:	114251
Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.5	71.3
101	9.6	7.4	11.2
130	18.6	16.6	25.0

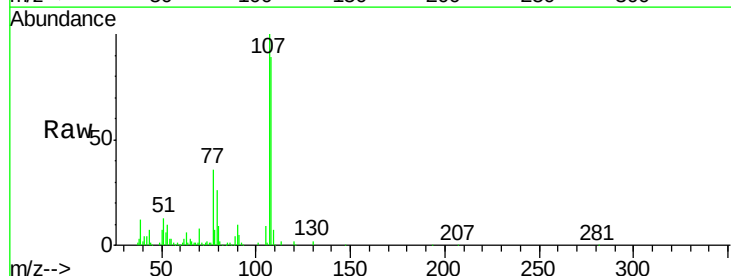


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

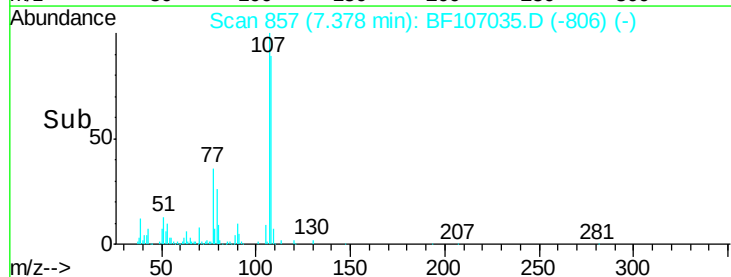
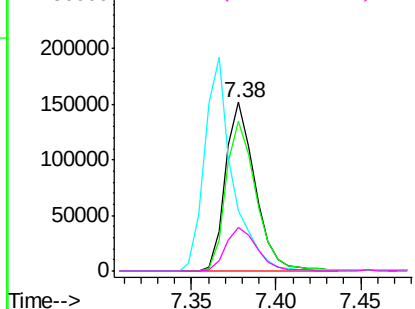


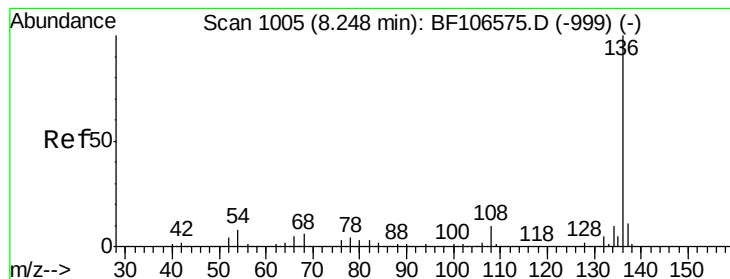
#20
3+4-Methylphenols
Concen: 38.103 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion:	107	Resp:	184582
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	35.5	26.7	66.7
79	26.2	6.3	46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

Tgt Ion:136 Resp: 305929

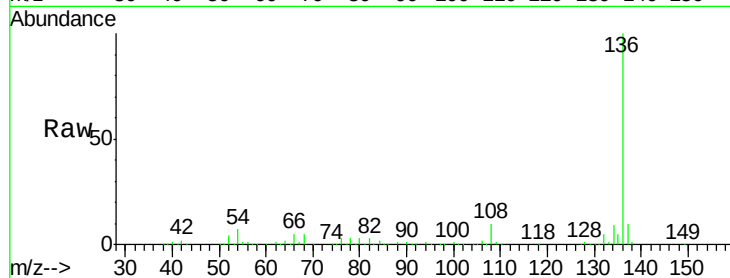
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.1 6.6 9.8

68 5.5 5.0 7.4

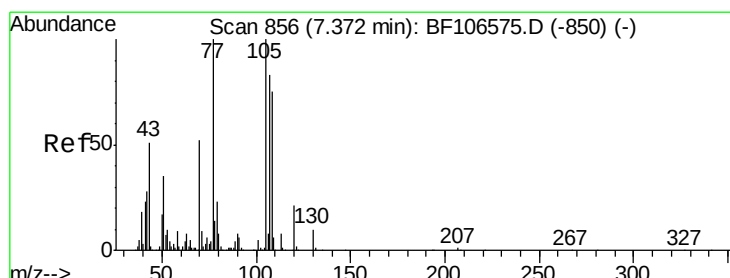
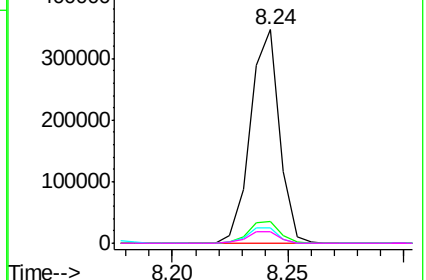
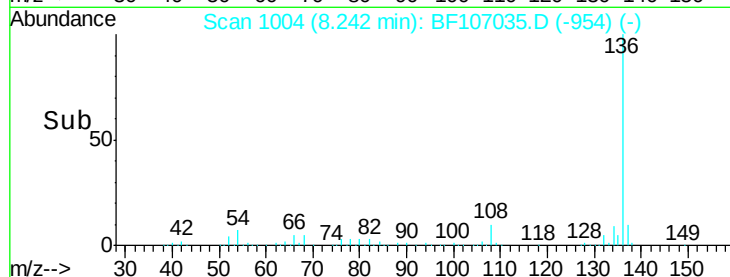


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.957 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Tgt Ion:105 Resp: 232417

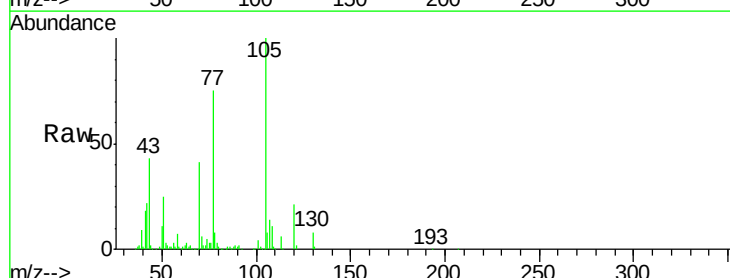
Ion Ratio Lower Upper

105 100

71 6.5 4.4 6.6

51 25.3 22.3 33.5

120 20.5 16.9 25.3

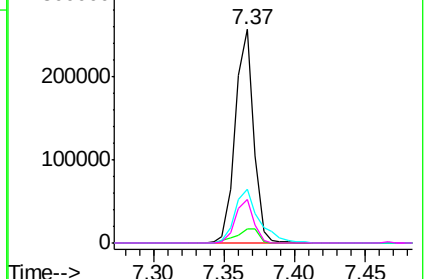
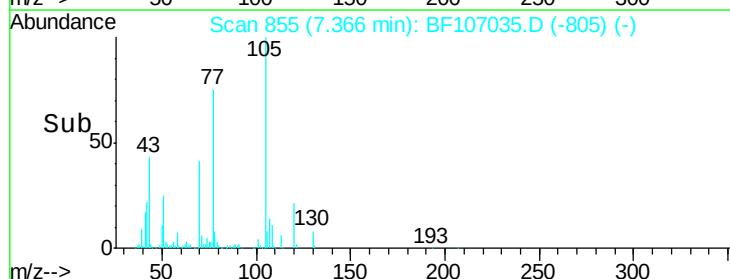


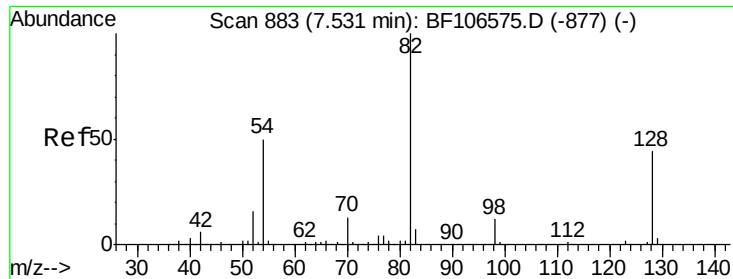
Abundance Ion 105.00 (104.70 to 105.70): E

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

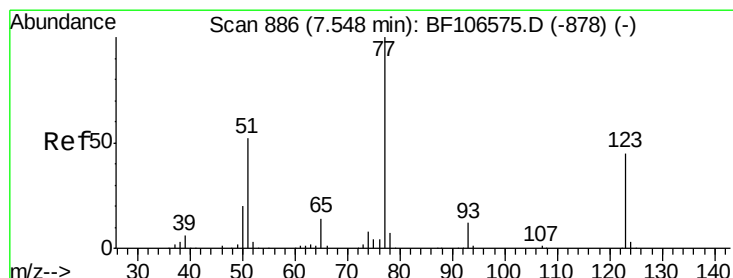
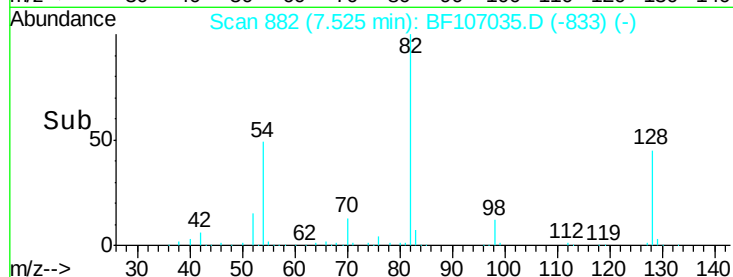
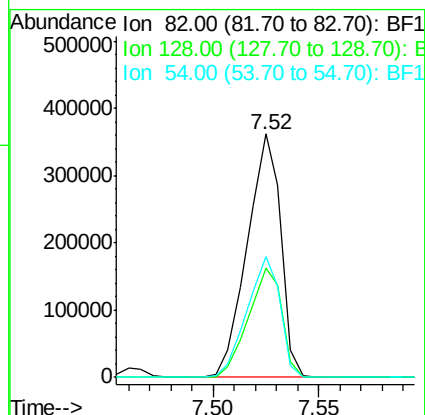
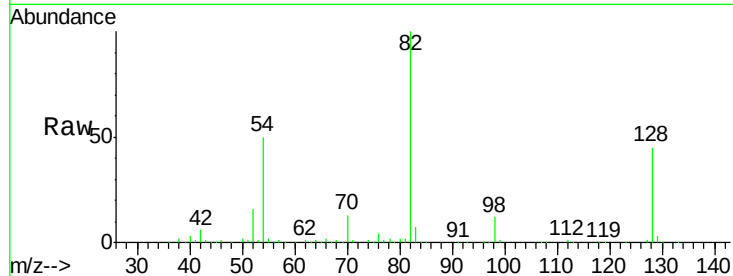




#23
 Nitrobenzene-d5
 Concen: 72.275 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

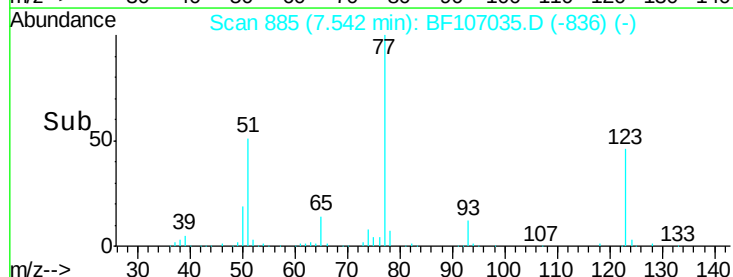
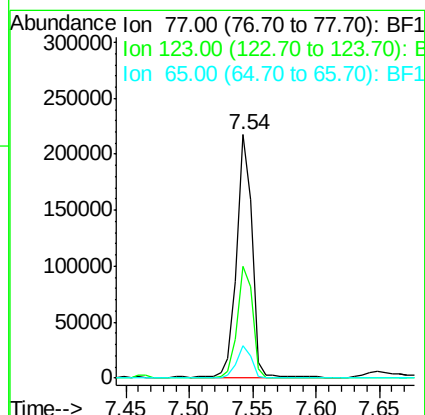
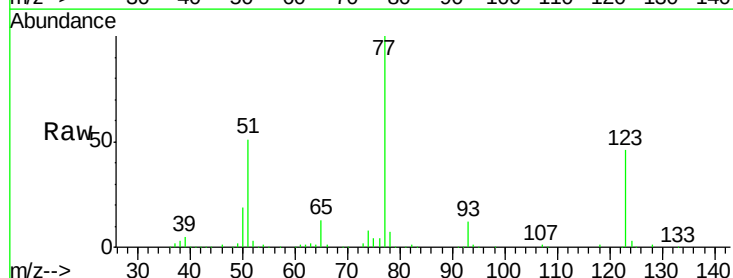
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

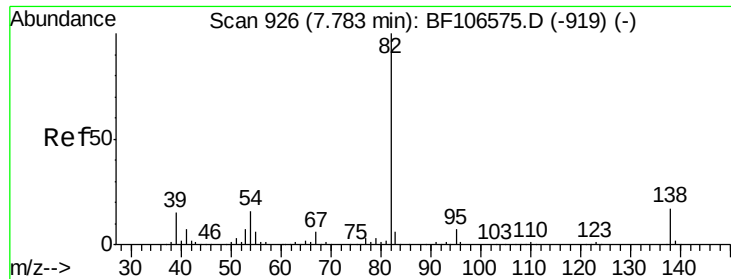
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	49.7	41.4	62.2



#24
 Nitrobenzene
 Concen: 32.003 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.9	56.9
65	13.4	11.0	16.4

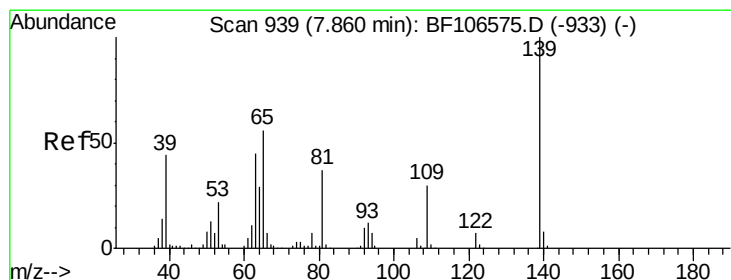
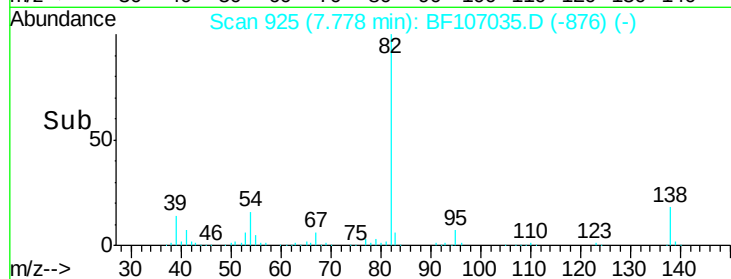
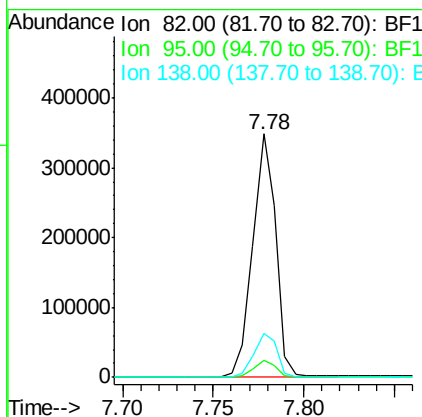
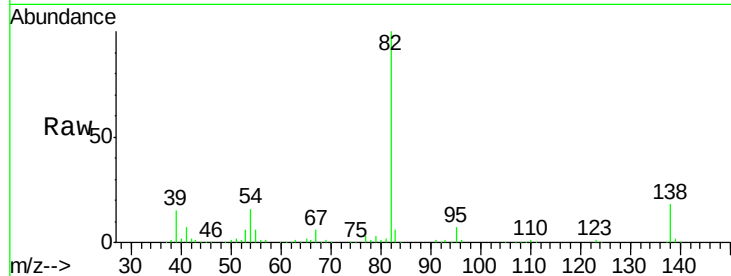




#25
Isophorone
Concen: 32.010 ng
RT: 7.78 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

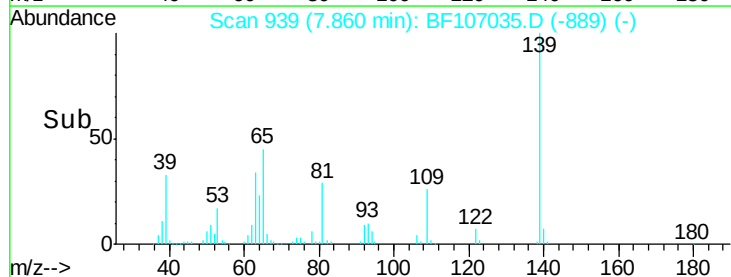
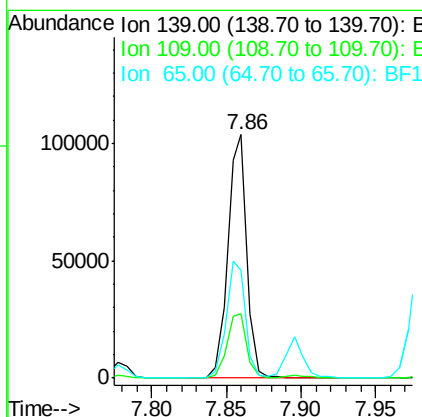
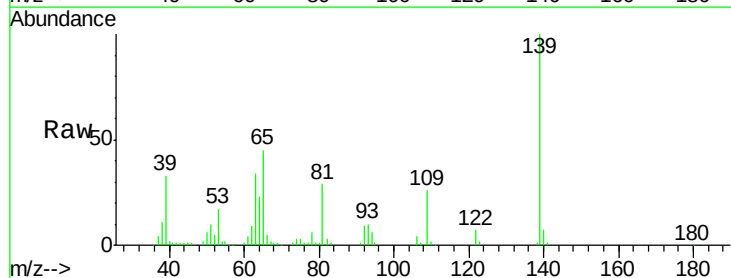
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

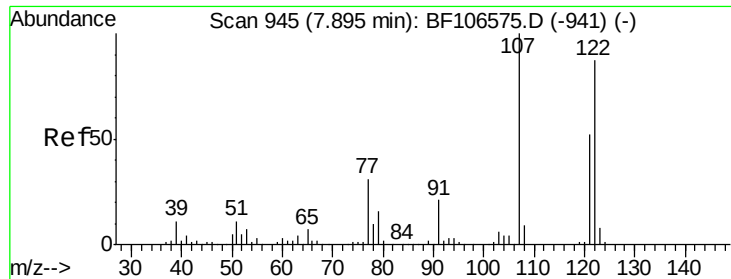
Tgt Ion: 82 Resp: 310512
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 17.9 14.9 22.3



#26
2-Nitrophenol
Concen: 35.282 ng
RT: 7.86 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion: 139 Resp: 93609
Ion Ratio Lower Upper
139 100
109 26.2 22.7 34.1
65 44.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.137 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

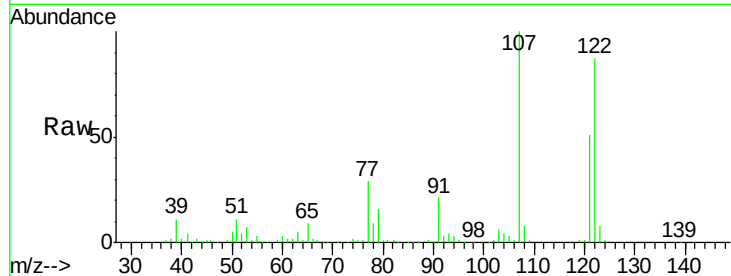
Tgt Ion:122 Resp: 152295

Ion Ratio Lower Upper

122 100

107 114.9 91.2 136.8

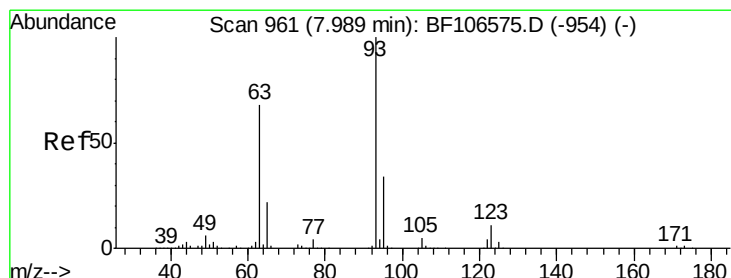
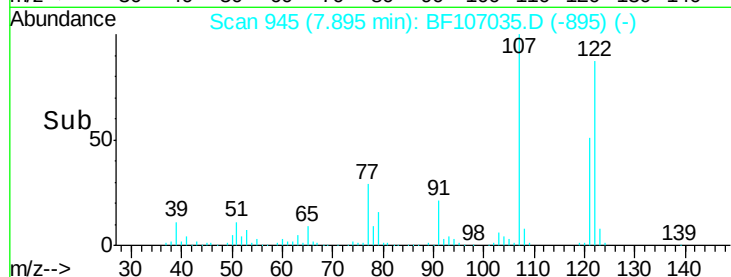
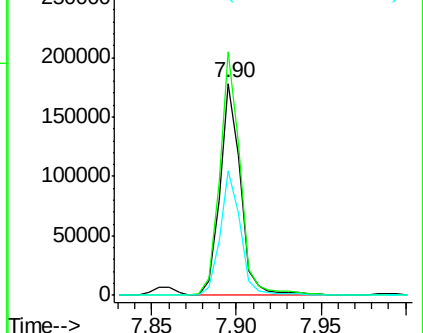
121 58.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.491 ng

RT: 7.98 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

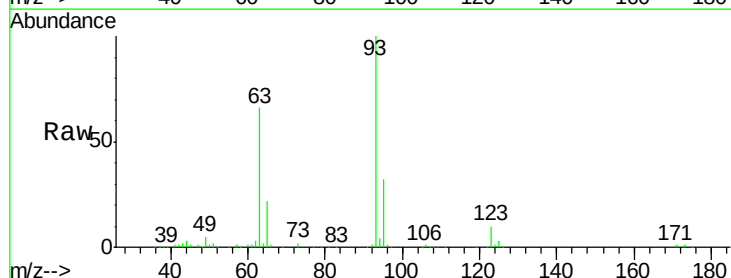
Tgt Ion: 93 Resp: 205108

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

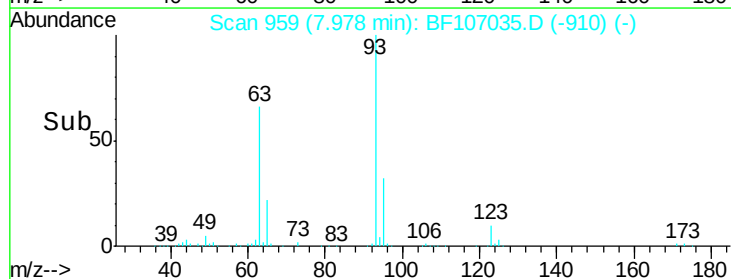
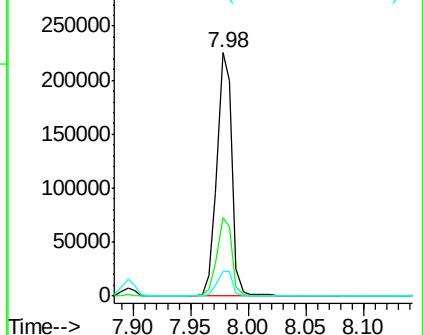
123 10.3 9.8 14.6

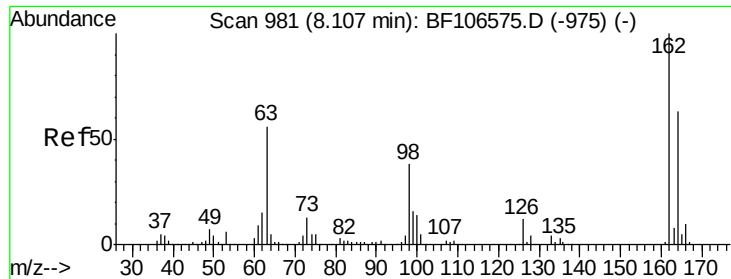


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

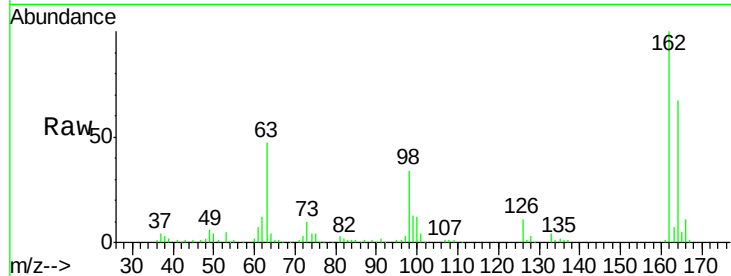




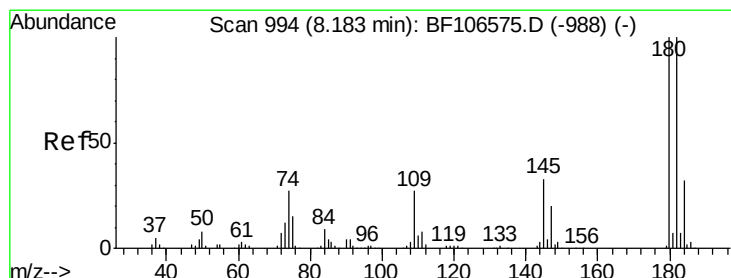
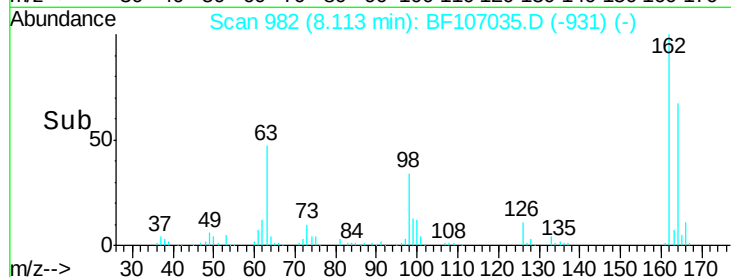
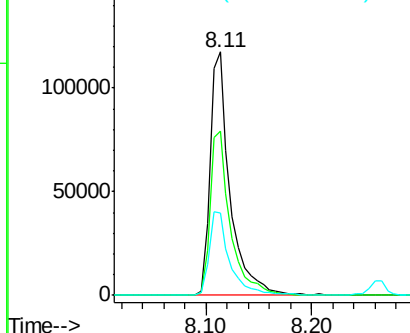
#29
2,4-Dichlorophenol
Concen: 36.125 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tgt Ion	Resp	Lower	Upper
162	100		
164	67.2	42.7	82.7
98	34.0	18.1	58.1

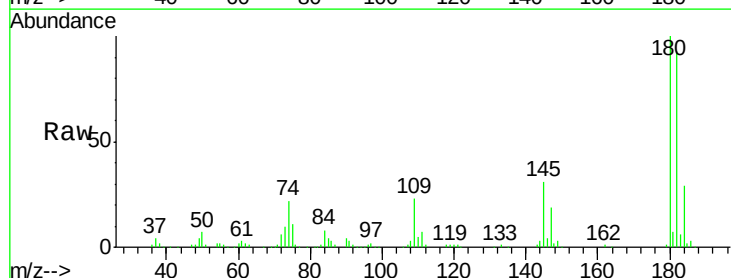


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

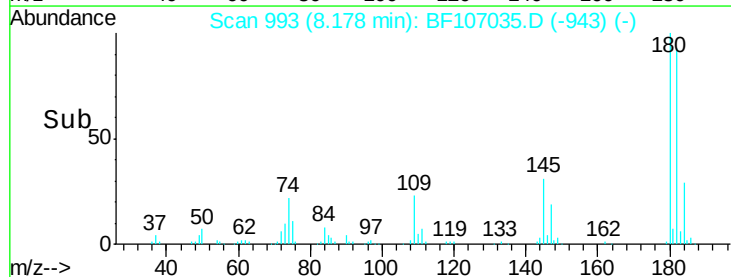
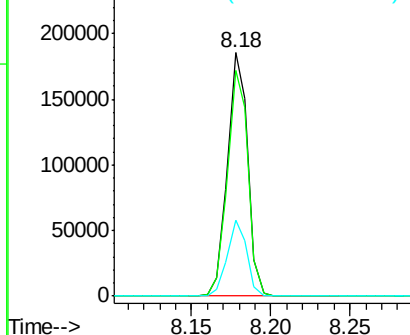


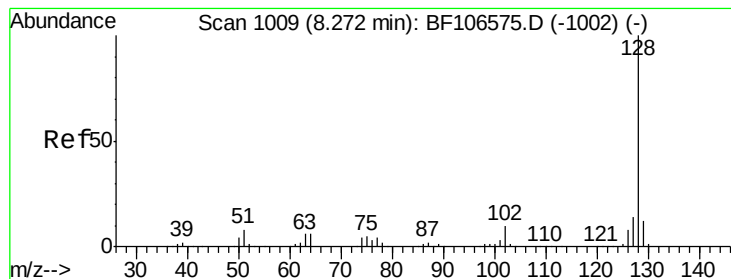
#30
1,2,4-Trichlorobenzene
Concen: 34.717 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Resp	Lower	Upper
180	100		
182	92.7	76.8	115.2
145	31.0	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: 34.224 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

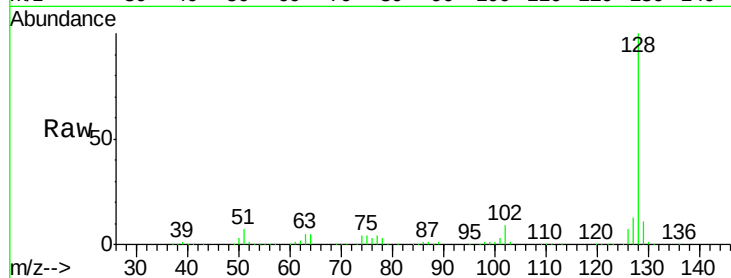
Tgt Ion:128 Resp: 489508

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

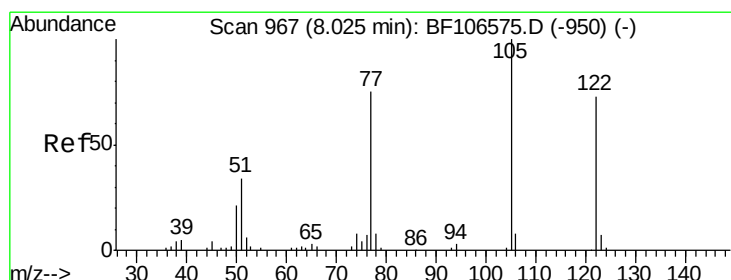
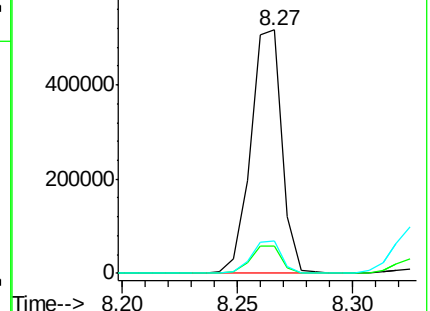
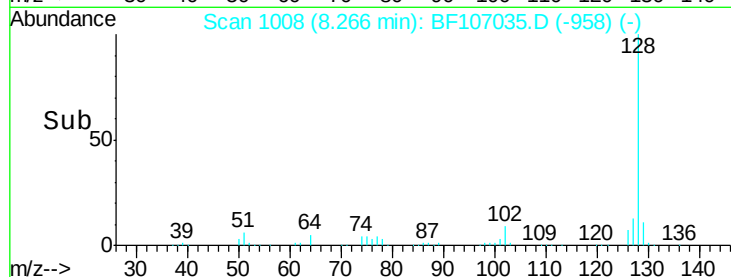
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.690 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.15 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

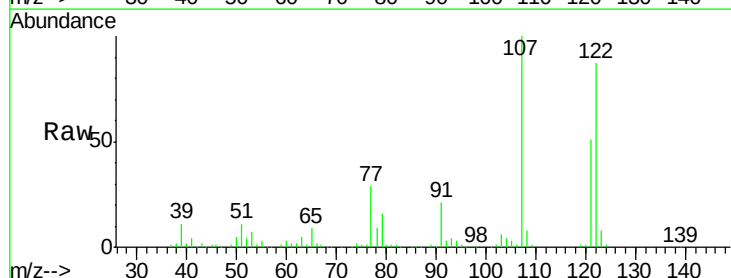
Tgt Ion:122 Resp: 152295

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

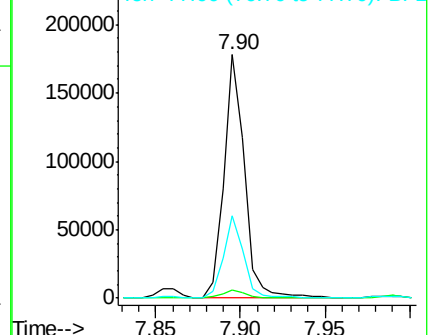
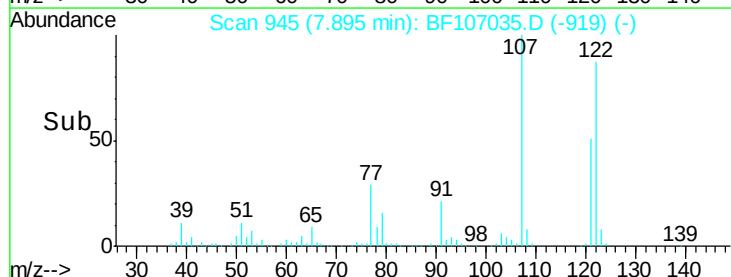
77 33.7 70.7 110.7#

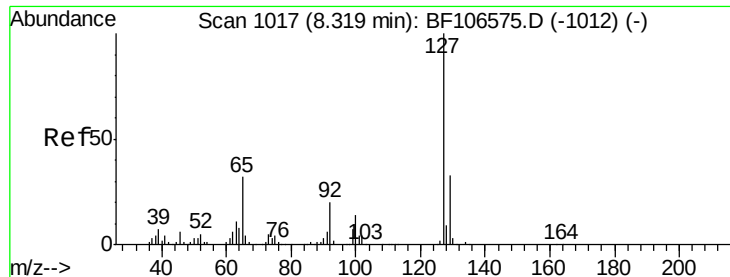


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

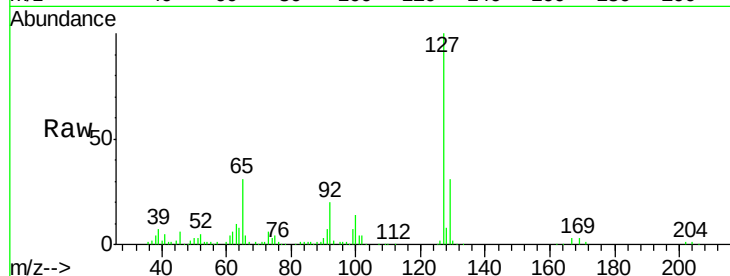




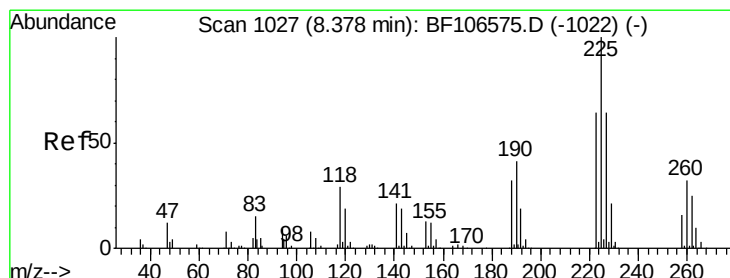
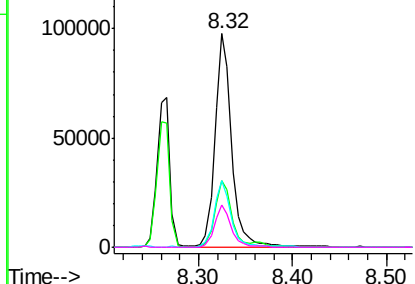
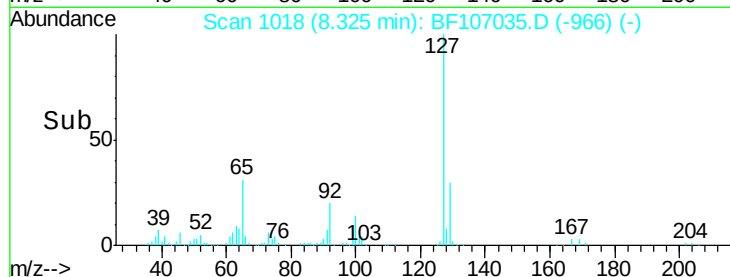
#33
4-Chloroaniline
Concen: 20.447 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tgt Ion:	127	Resp:	122713
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	31.0	25.0	37.4
92	19.9	15.2	22.8

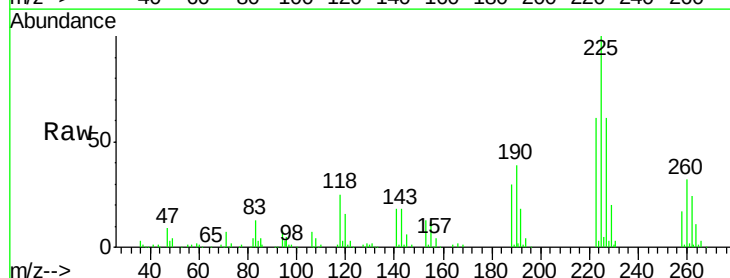


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

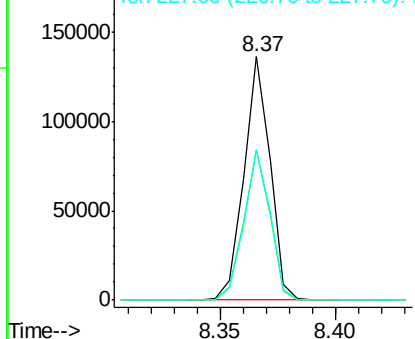
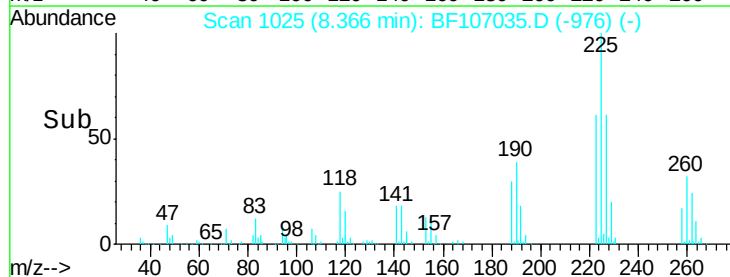


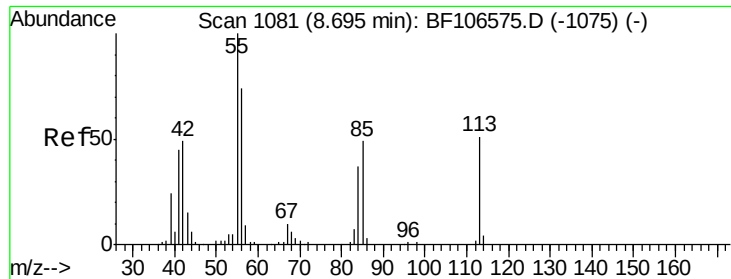
#34
Hexachlorobutadiene
Concen: 34.766 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion:	225	Resp:	107143
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	61.5	51.9	77.9



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

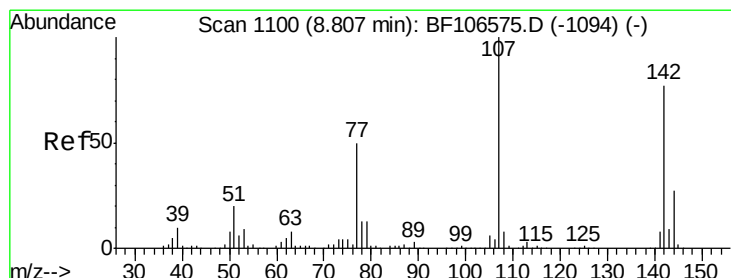
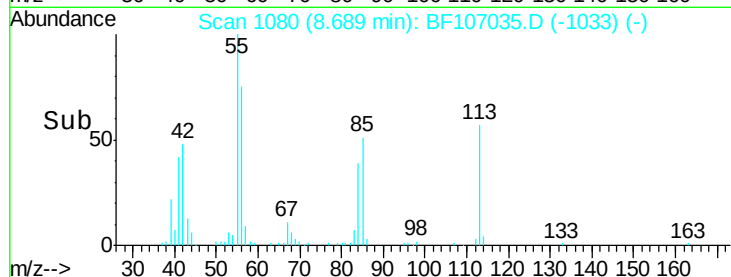
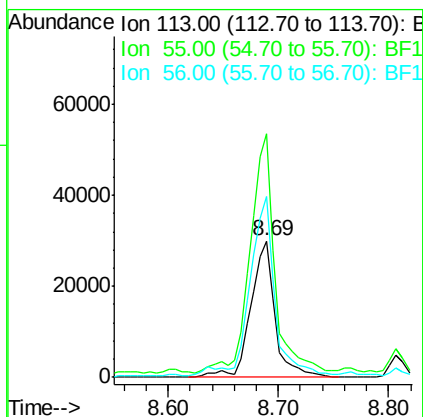
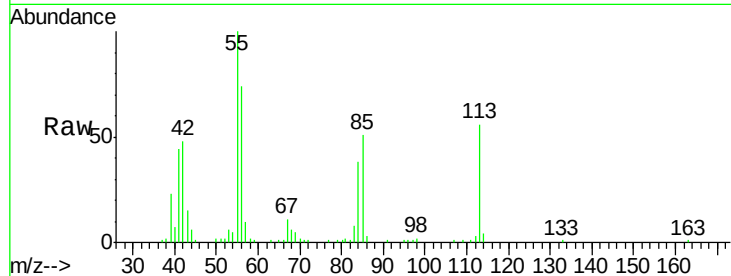




#35
 Caprolactam
 Concen: 32.939 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

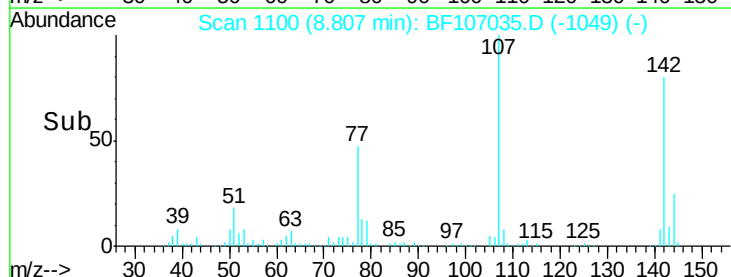
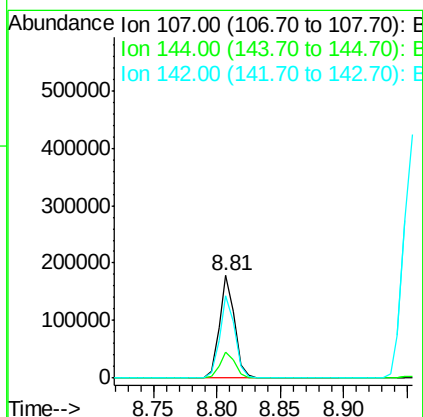
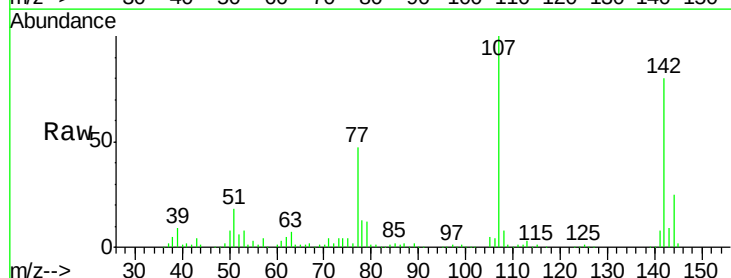
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

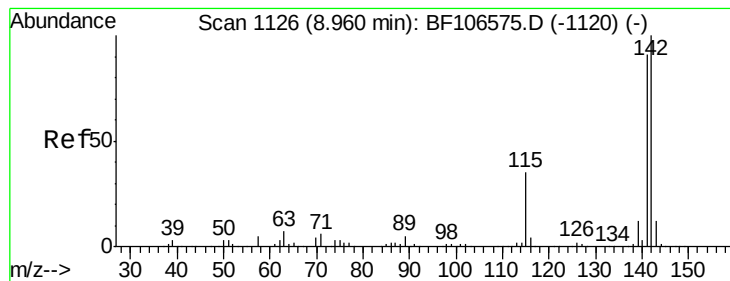
Tgt Ion:113 Resp: 46098
 Ion Ratio Lower Upper
 113 100
 55 178.7 163.3 203.3
 56 132.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 33.670 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion:107 Resp: 152157
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 80.1 62.0 93.0

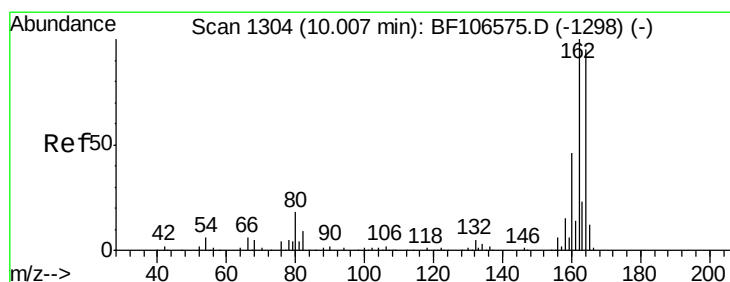
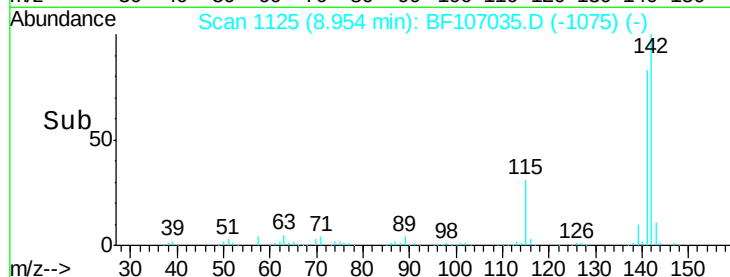
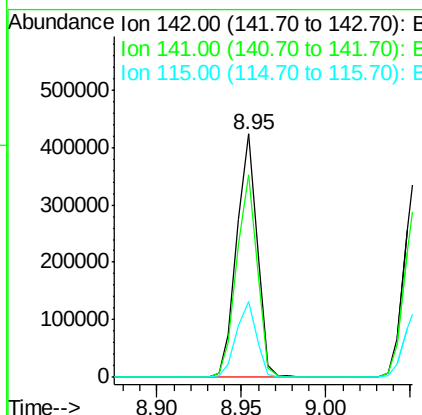
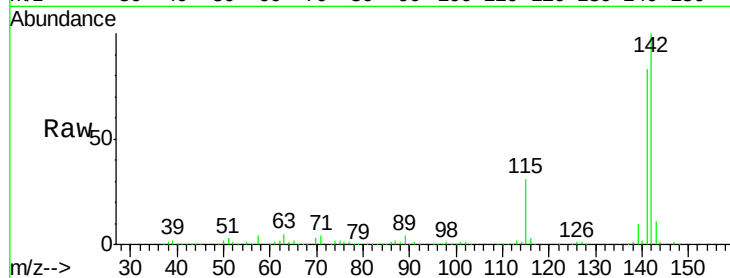




#37
 2-Methylnaphthalene
 Concen: 37.573 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

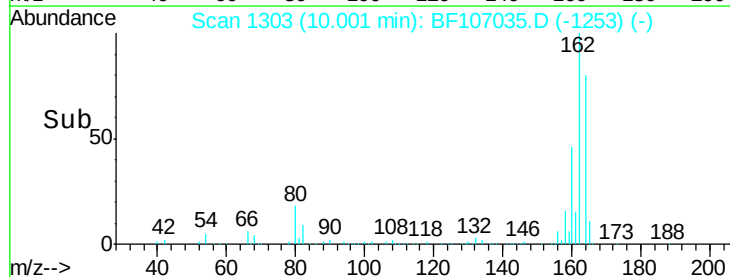
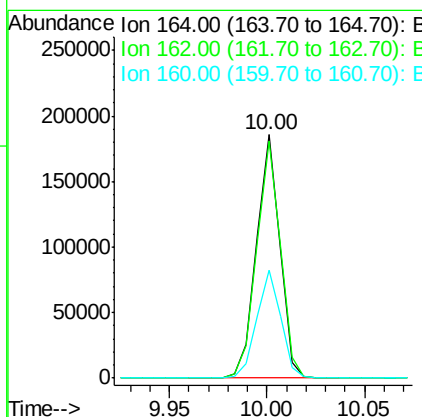
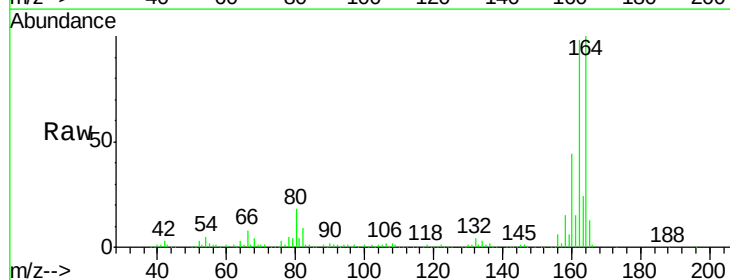
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

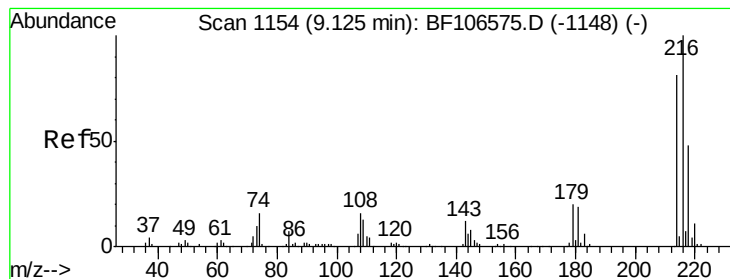
Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.3	70.8	106.2
115	31.1	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	86.1	129.1
160	44.2	38.3	57.5

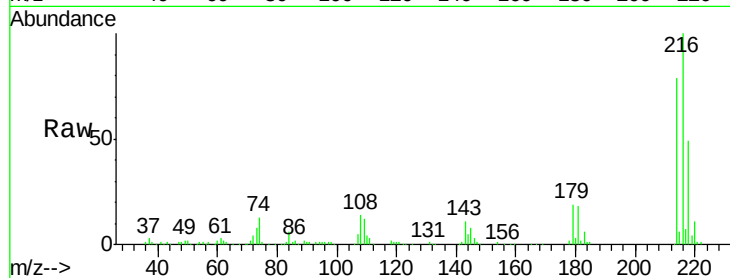




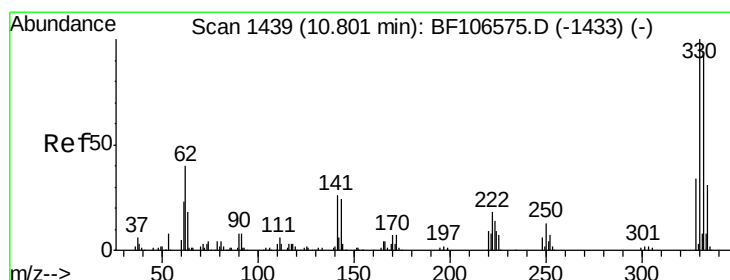
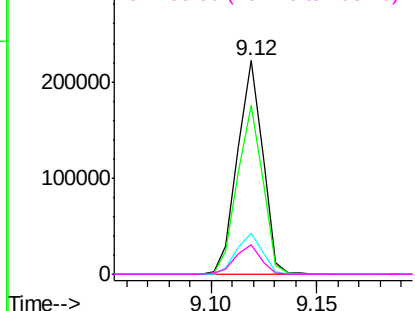
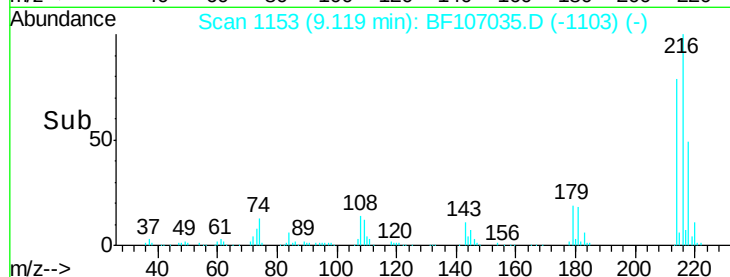
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.246 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

Tgt Ion: 216 Resp: 182583
 Ion Ratio Lower Upper
 216 100
 214 79.5 63.0 94.4
 179 19.5 18.1 27.1
 108 13.9 17.2 25.8#

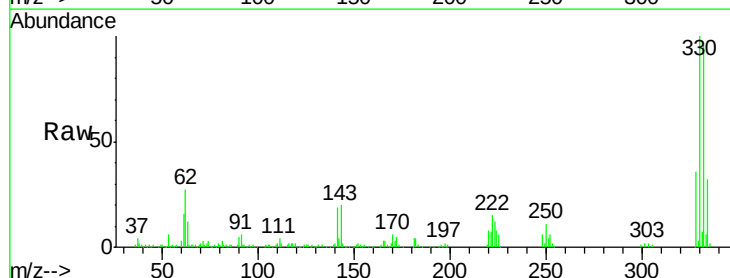


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

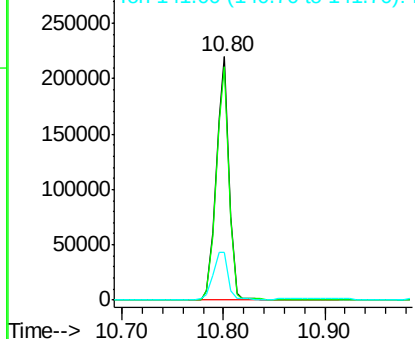
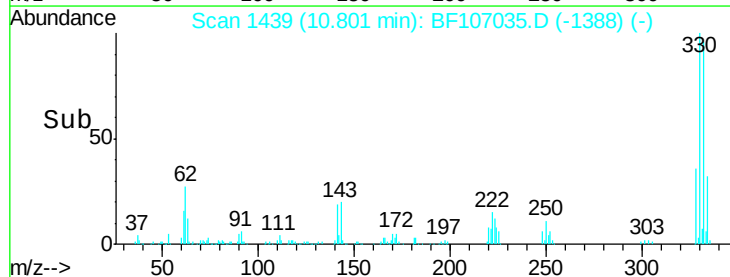


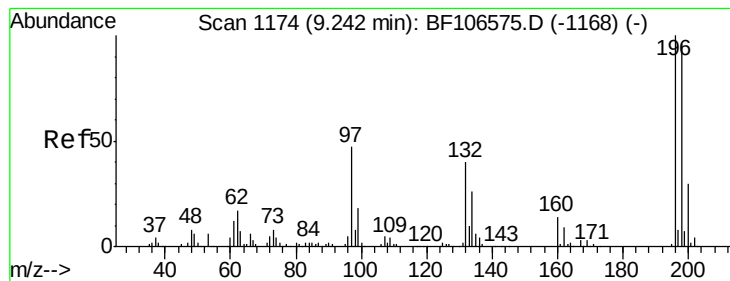
#41
 2,4,6-Tribromophenol
 Concen: 108.130 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion: 330 Resp: 192781
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 22.4 29.9 44.9#



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





#42

2,4,6-Trichlorophenol

Concen: 31.596 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

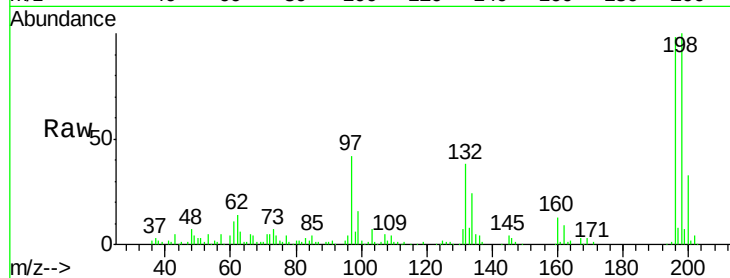
Tgt Ion:196 Resp: 108800

Ion Ratio Lower Upper

196 100

198 102.3 75.7 113.5

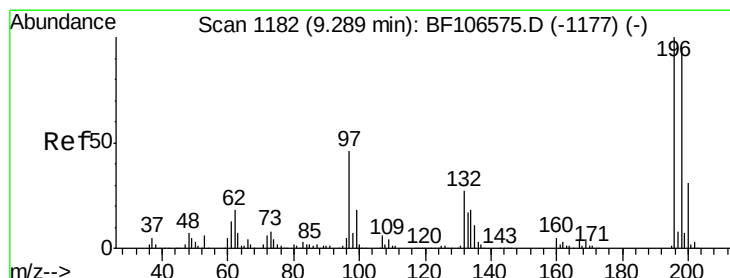
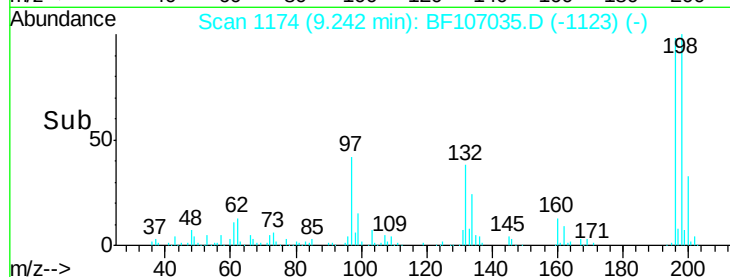
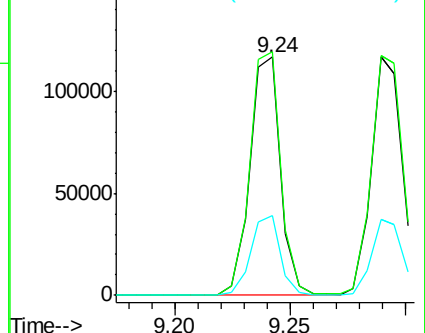
200 33.3 24.5 36.7



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: 31.040 ng

RT: 9.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Tgt Ion:196 Resp: 111530

Ion Ratio Lower Upper

196 100

198 100.5 74.6 112.0

97 45.4 42.9 64.3

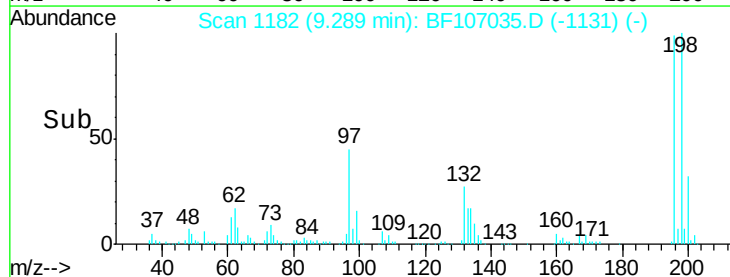
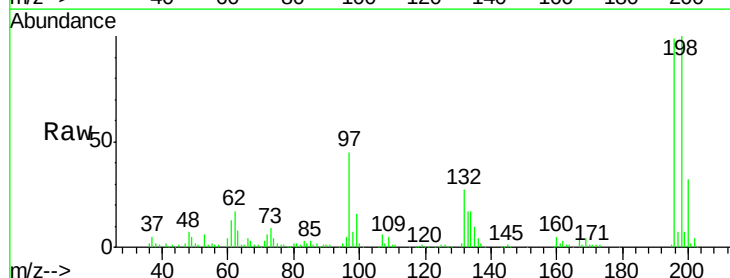
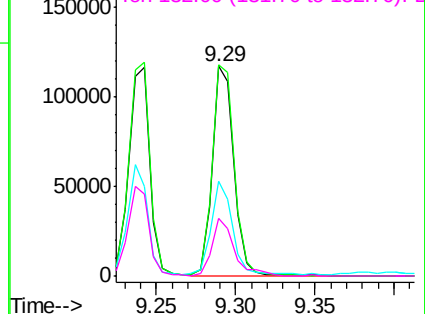
132 27.6 26.3 39.5

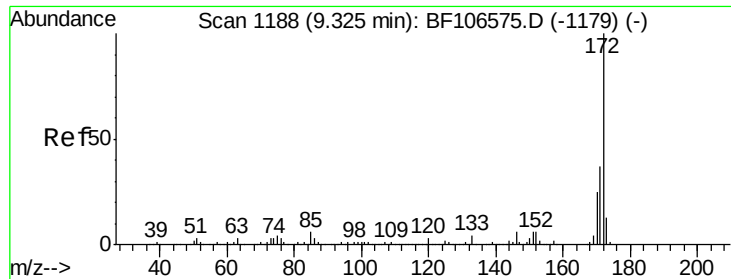
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

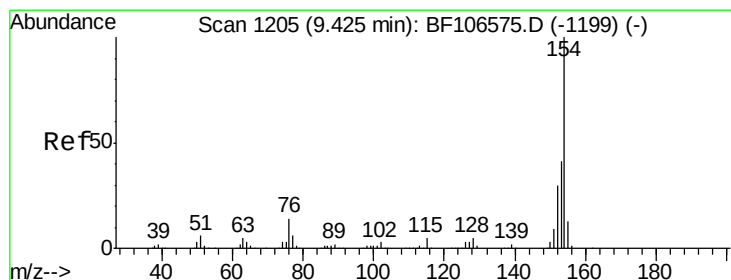
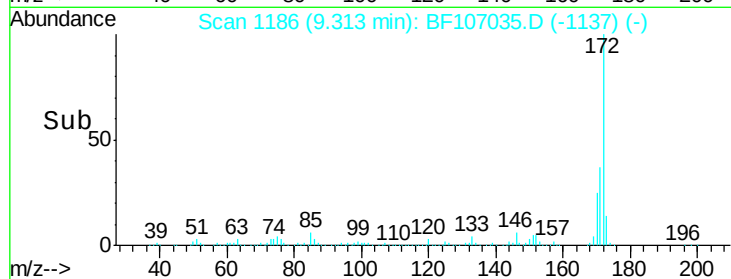
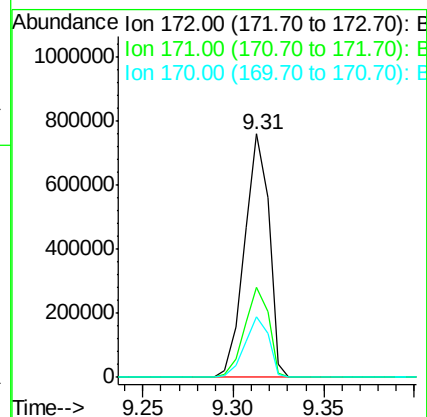
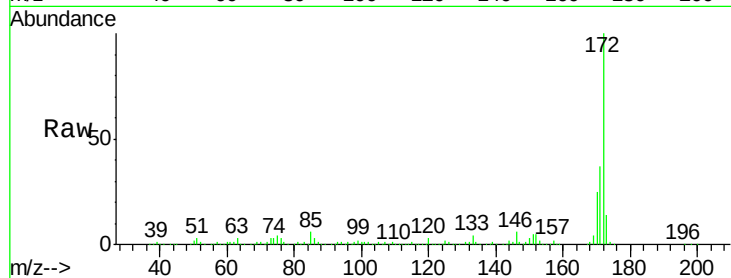




#44
2-Fluorobiphenyl
Concen: 77.091 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

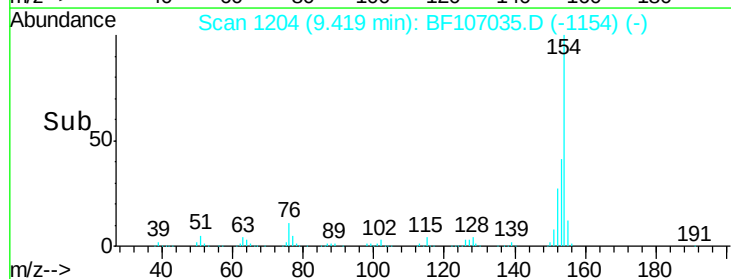
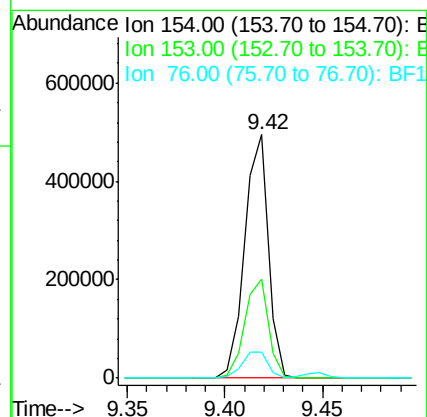
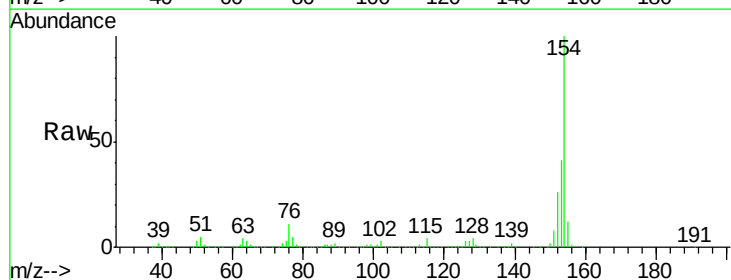
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

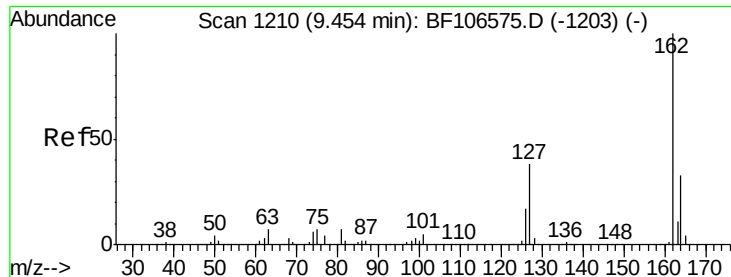
Tgt Ion:172 Resp: 713069
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.8 19.6 29.4



#45
1,1'-Biphenyl
Concen: 34.017 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion:154 Resp: 417019
Ion Ratio Lower Upper
154 100
153 40.8 21.3 61.3
76 10.7 0.0 34.0

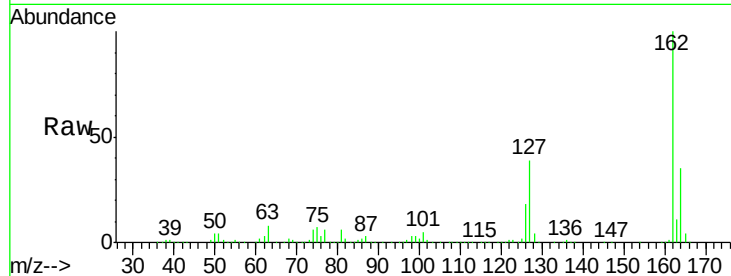




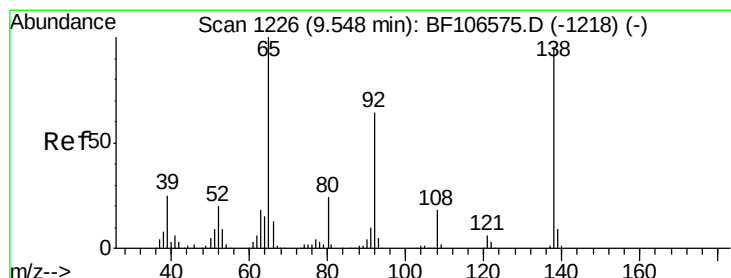
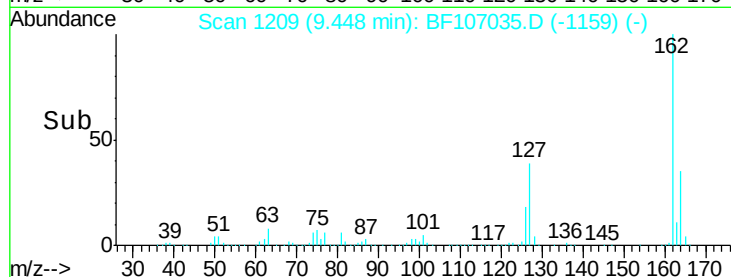
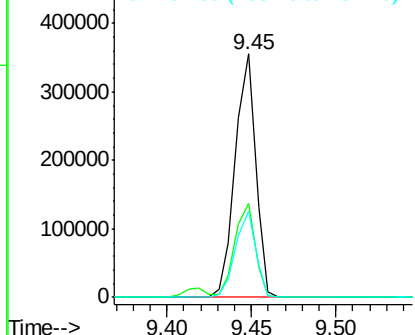
#46
2-Chloronaphthalene
Concen: 31.158 ng
RT: 9.45 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tgt Ion: 162 Resp: 300663
Ion Ratio Lower Upper
162 100
127 38.7 33.9 50.9
164 35.2 26.5 39.7

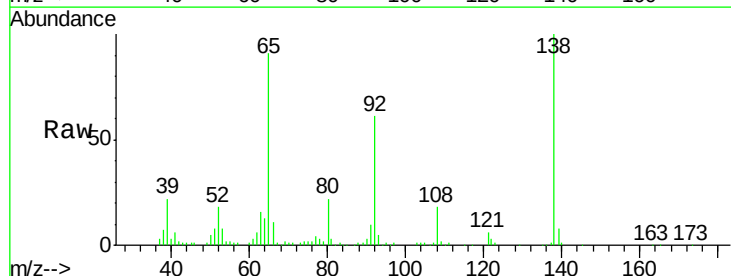


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

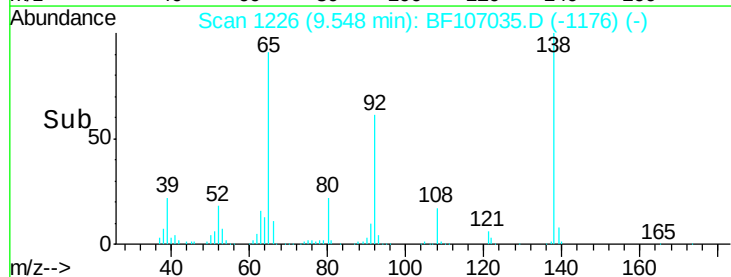
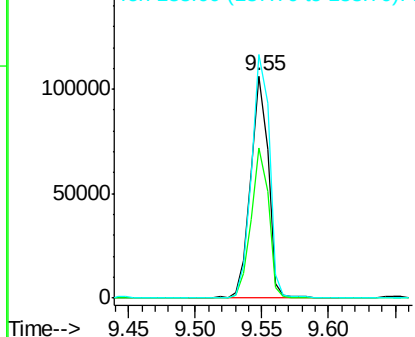


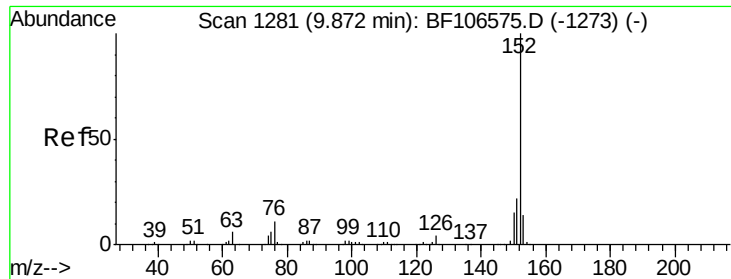
#47
2-Nitroaniline
Concen: 29.635 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion: 65 Resp: 96161
Ion Ratio Lower Upper
65 100
92 67.4 55.8 83.6
138 109.7 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: 32.624 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

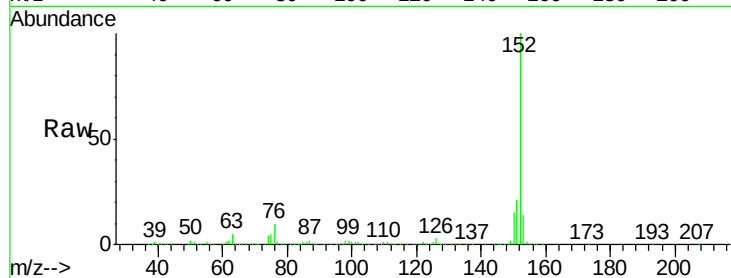
Tgt Ion:152 Resp: 497022

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 14.4 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

600000

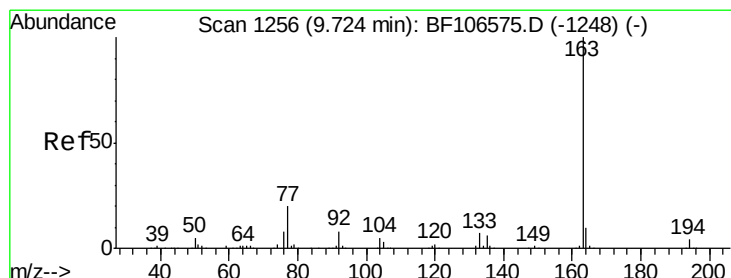
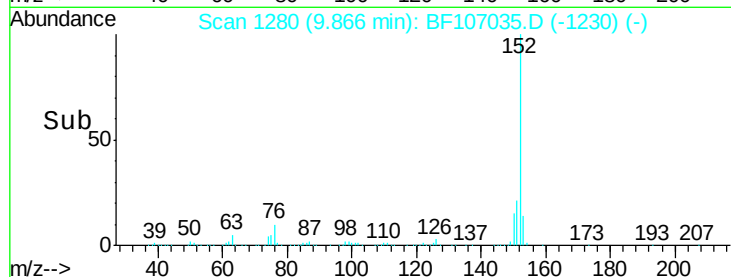
400000

200000

0

9.87

Time-->



#49

Dimethylphthalate

Concen: 43.512 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

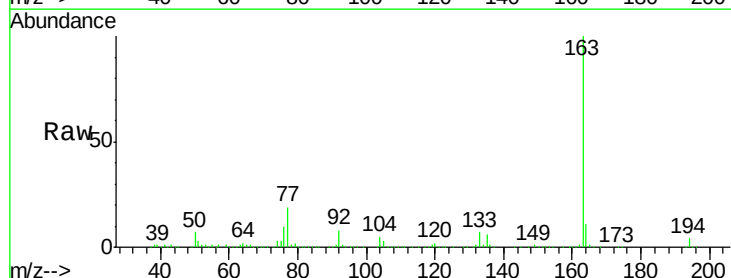
Tgt Ion:163 Resp: 502000

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

164 11.0 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

600000

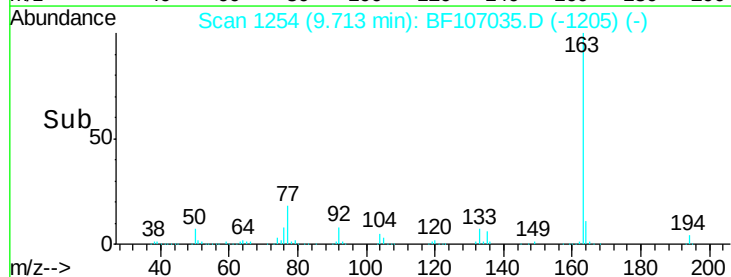
400000

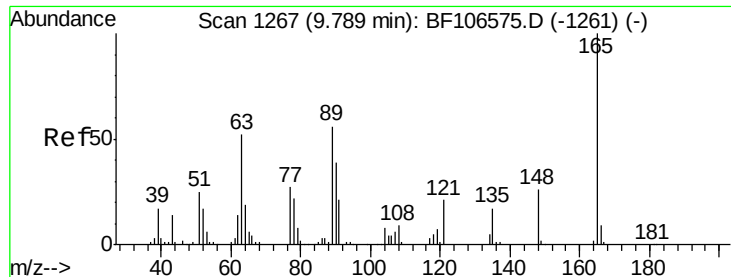
200000

0

9.71

Time-->

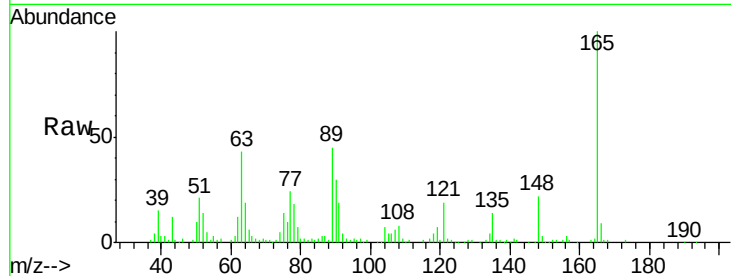




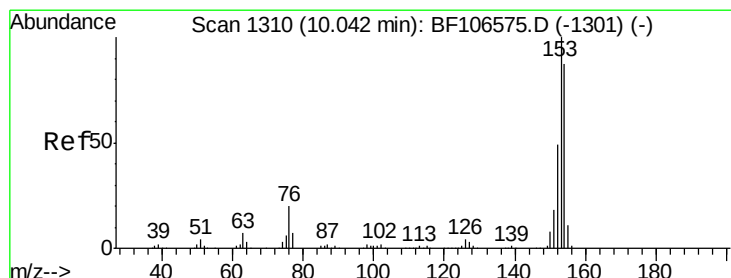
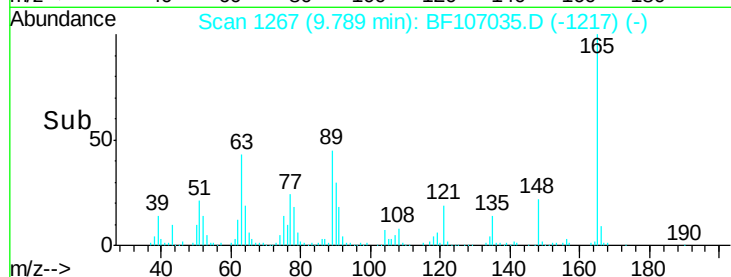
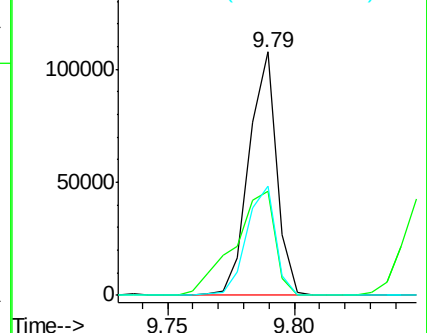
#50
2,6-Dinitrotoluene
Concen: 33.531 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tgt Ion:165 Resp: 81917
Ion Ratio Lower Upper
165 100
63 42.7 44.7 67.1#
89 45.0 44.0 66.0

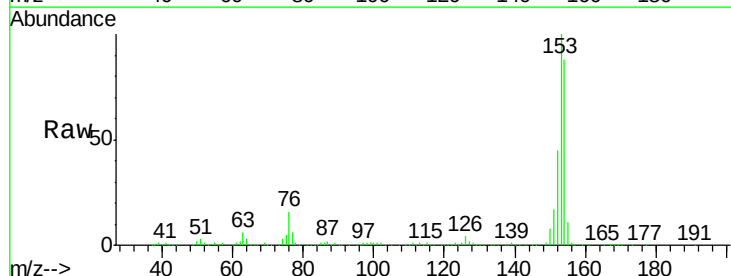


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

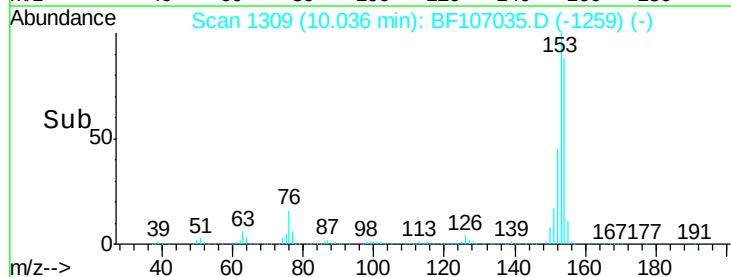
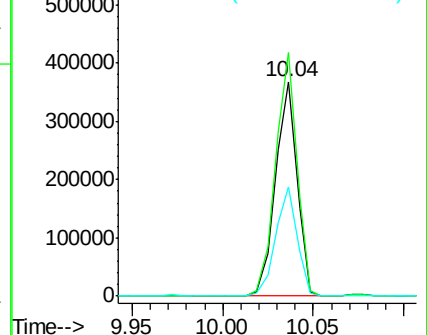


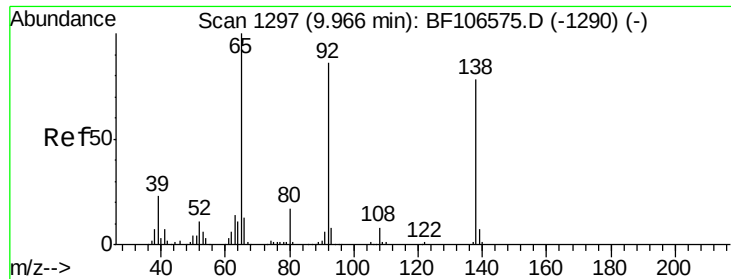
#51
Acenaphthene
Concen: 31.765 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion:154 Resp: 304735
Ion Ratio Lower Upper
154 100
153 113.6 91.2 136.8
152 50.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

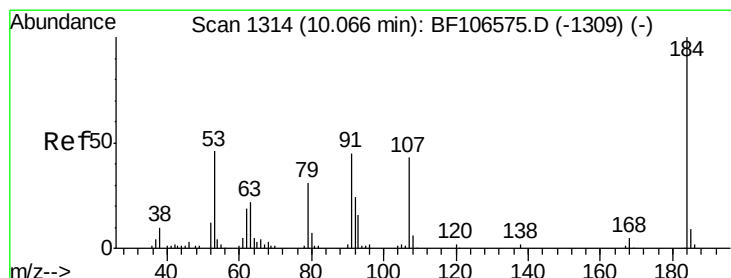
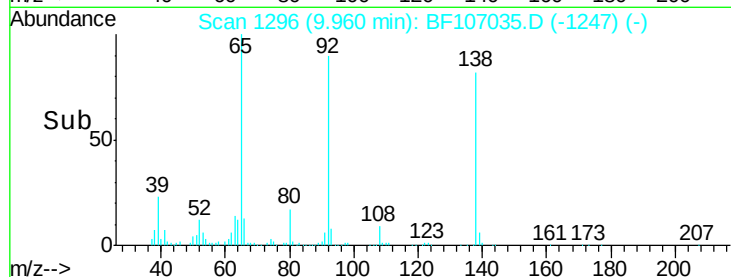
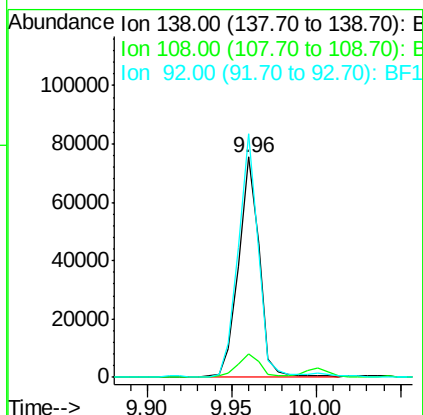
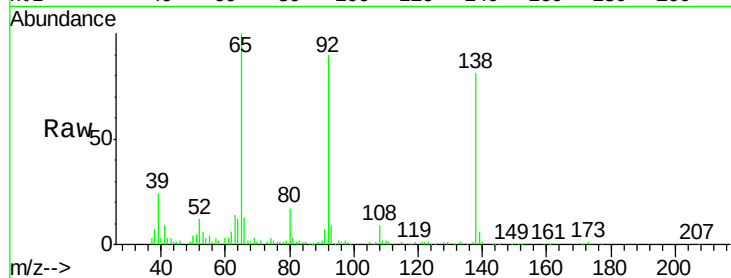




#52
3-Nitroaniline
Concen: 22.845 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

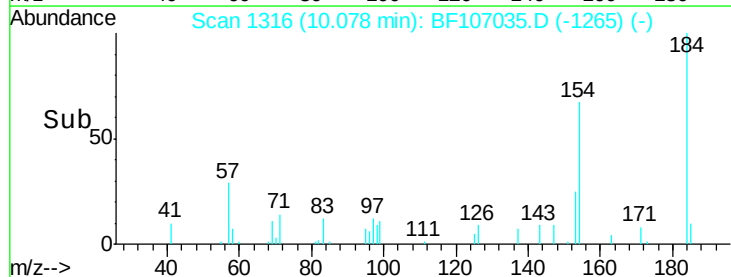
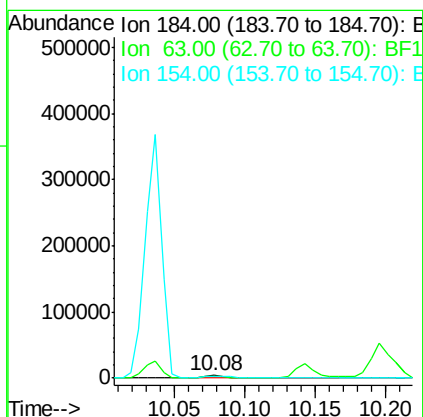
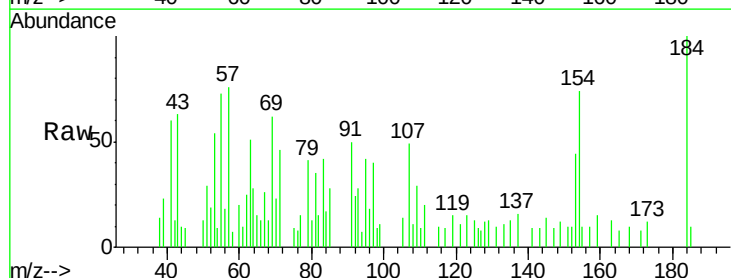
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

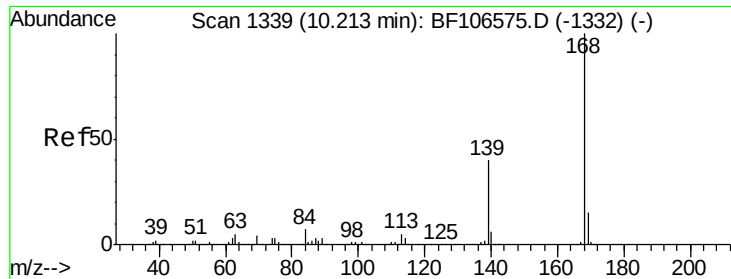
Tgt Ion:138 Resp: 64224
Ion Ratio Lower Upper
138 100
108 10.9 9.4 14.0
92 110.4 89.4 134.2



#53
2,4-Dinitrophenol
Concen: 9.480 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion:184 Resp: 5618
Ion Ratio Lower Upper
184 100
63 51.3 54.2 81.2#
154 74.0 184.0 276.0#





#54

Dibenzofuran

Concen: 33.951 ng

RT: 10.21 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

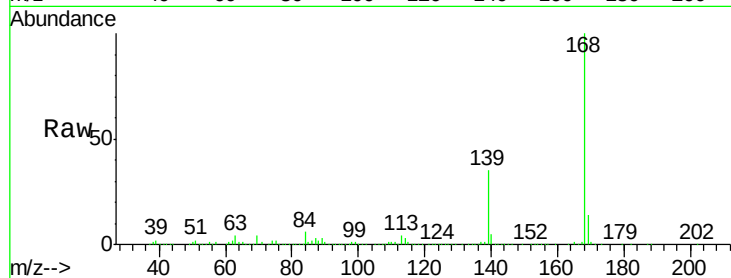
Tgt Ion:168 Resp: 445995

Ion Ratio Lower Upper

168 100

139 34.6 30.1 45.1

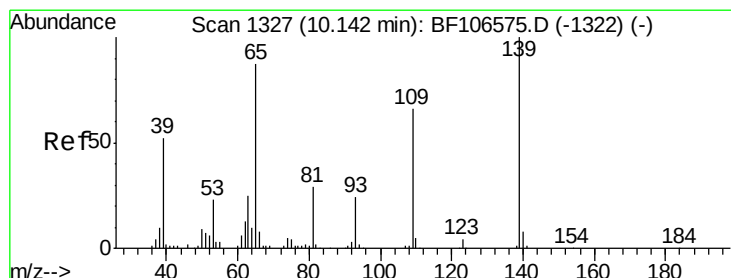
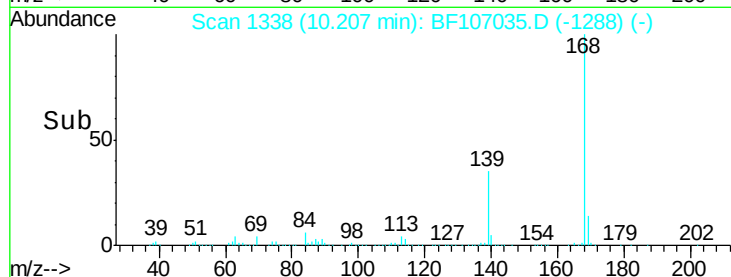
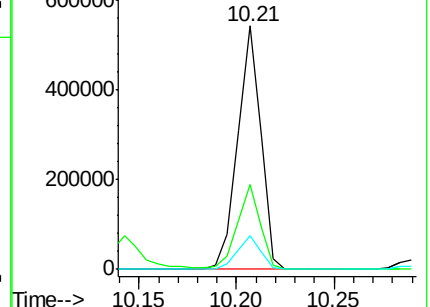
169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 41.079 ng

RT: 10.14 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

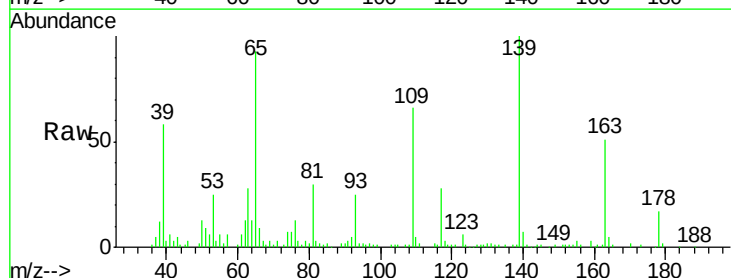
Tgt Ion:139 Resp: 80609

Ion Ratio Lower Upper

139 100

109 65.8 48.4 88.4

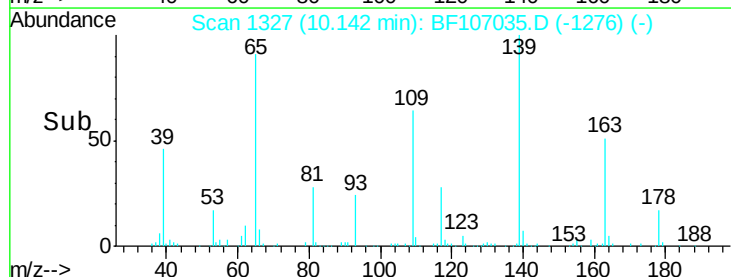
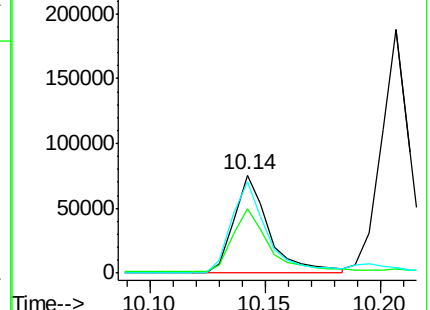
65 93.4 72.6 112.6

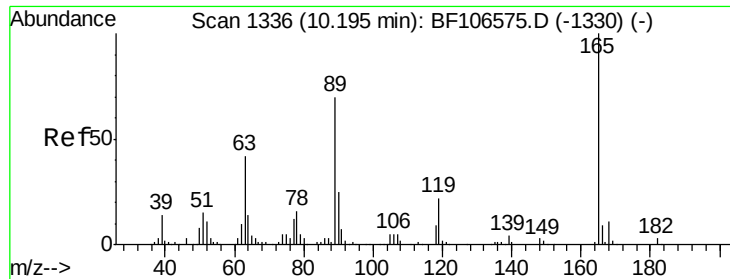


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

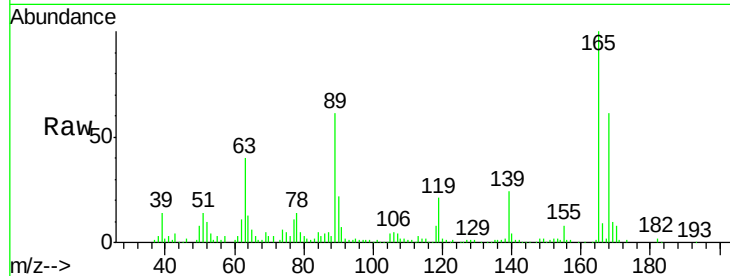




#56
2,4-Dinitrotoluene
Concen: 31.987 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tgt Ion:	165	Resp:	102000
Ion	Ratio	Lower	Upper
165	100		
63	40.2	36.4	54.6
89	60.8	57.8	86.6
182	2.4	1.6	2.4

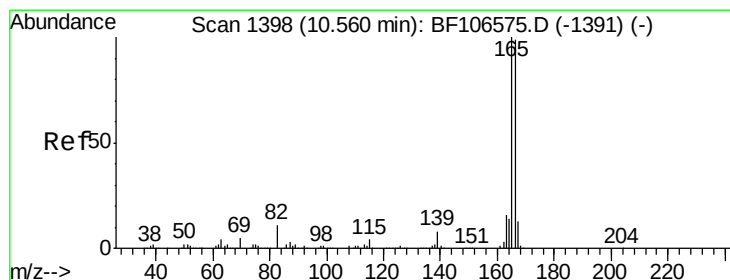
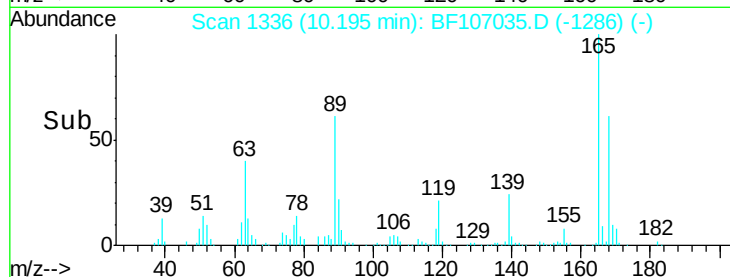
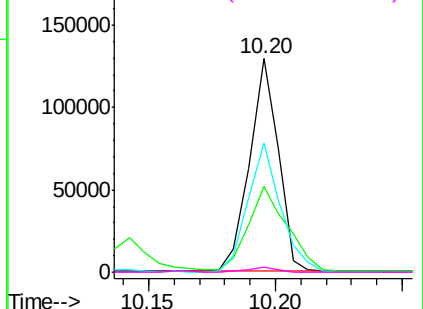


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

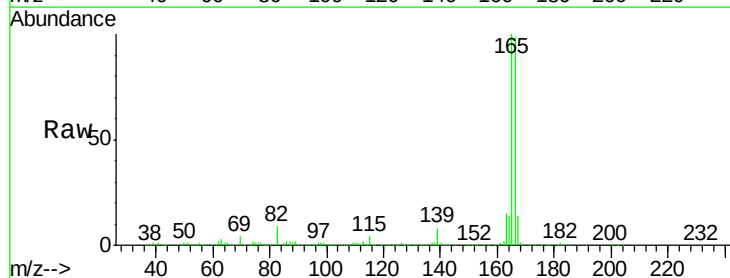
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 34.641 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

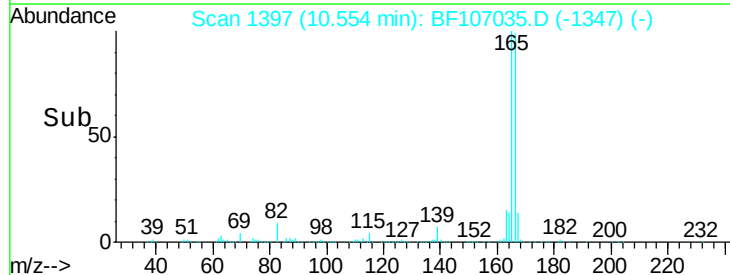
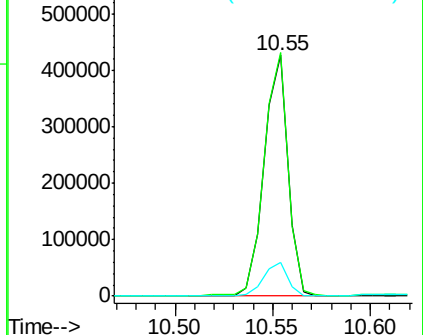
Tgt Ion:	166	Resp:	361111
Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.8	119.8
167	14.0	10.6	16.0

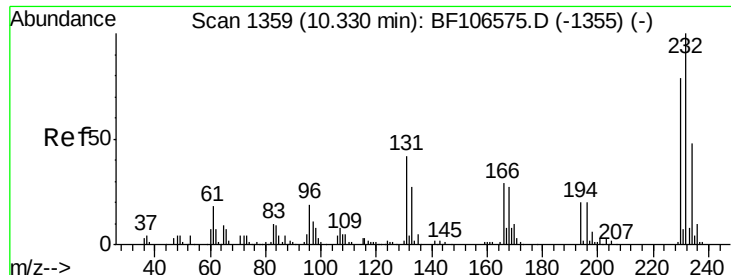


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

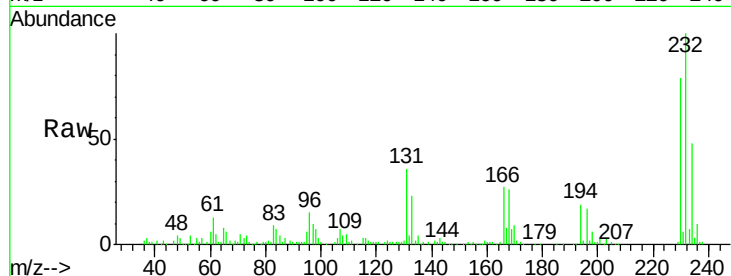




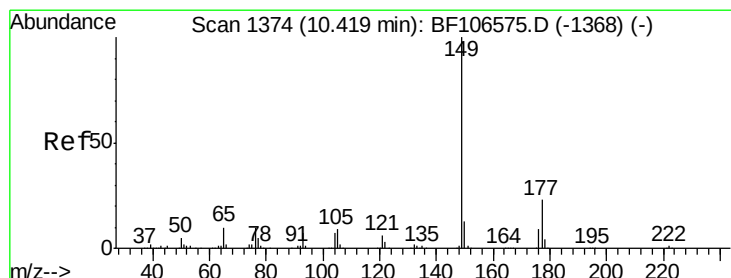
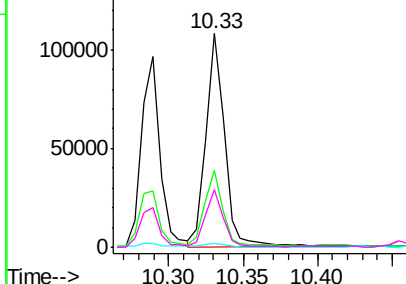
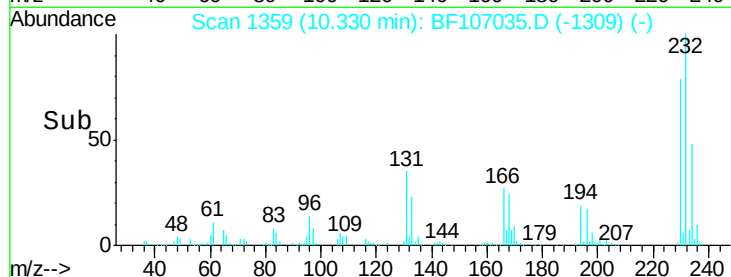
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.611 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

Tgt Ion: 232 Resp: 93145
 Ion Ratio Lower Upper
 232 100
 131 33.7 43.8 65.8#
 130 2.7 2.1 3.1
 166 25.9 27.8 41.6#

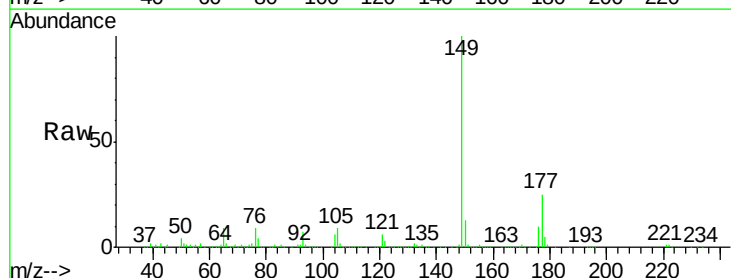


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

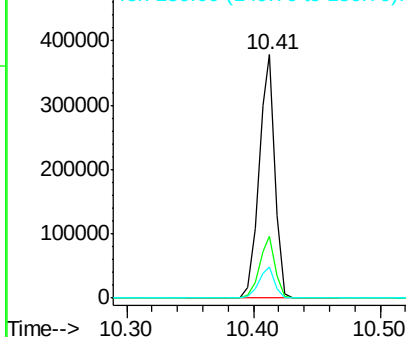
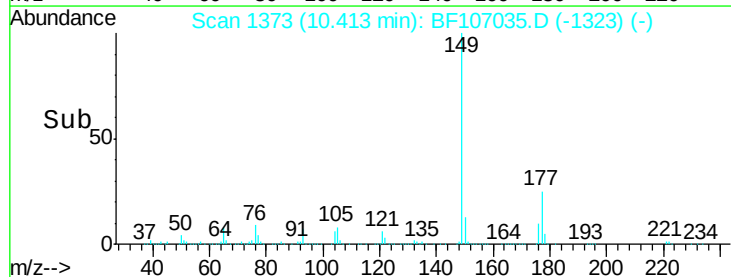


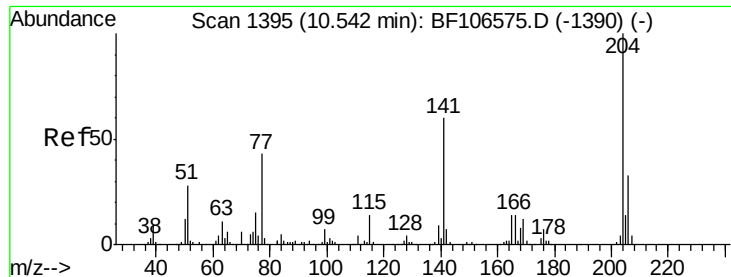
#59
 Diethylphthalate
 Concen: 29.924 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion: 149 Resp: 333208
 Ion Ratio Lower Upper
 149 100
 177 25.5 16.1 24.1#
 150 12.7 10.1 15.1



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

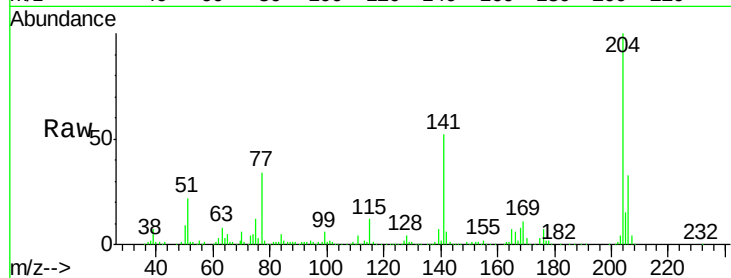




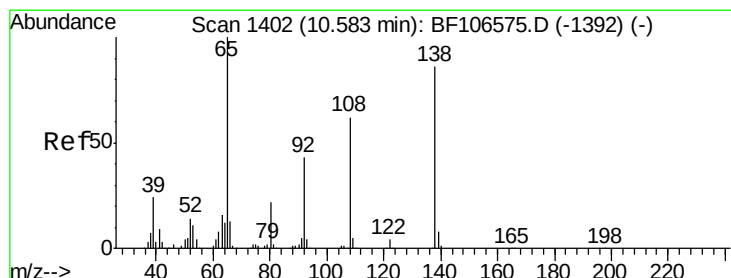
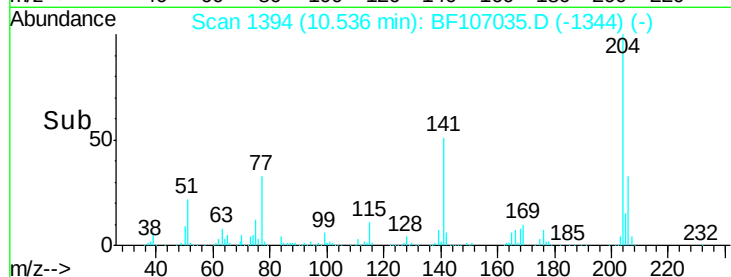
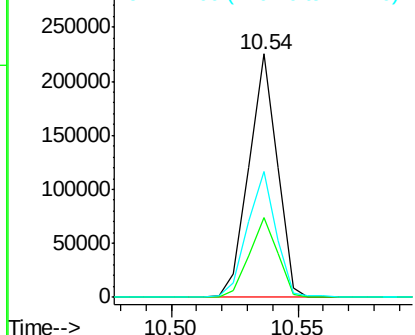
#60
4-Chlorophenyl-phenylether
Concen: 32.207 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tgt Ion: 204 Resp: 175667
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 51.8 54.6 81.8#

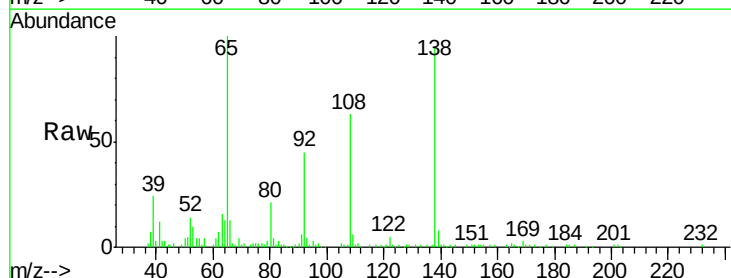


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

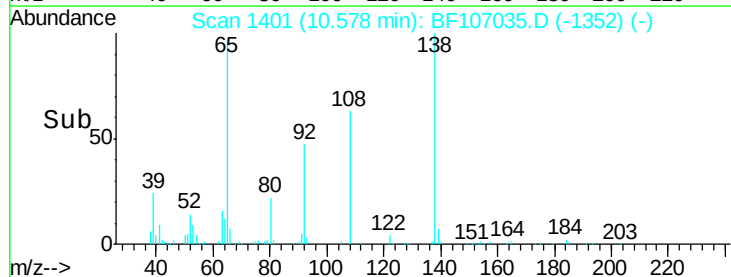
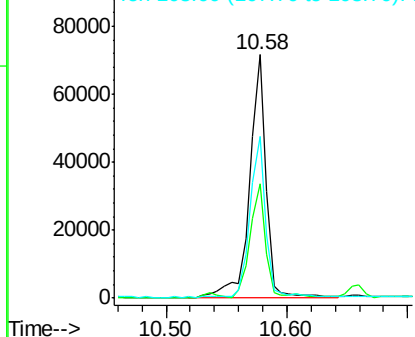


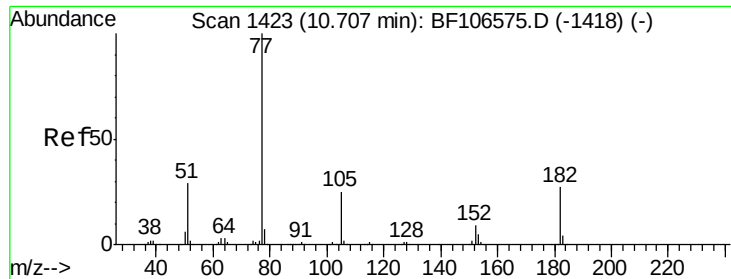
#61
4-Nitroaniline
Concen: 24.800 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion: 138 Resp: 69192
Ion Ratio Lower Upper
138 100
92 47.1 30.2 70.2
108 66.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 26.866 ng

RT: 10.70 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

Tgt Ion: 77 Resp: 294598

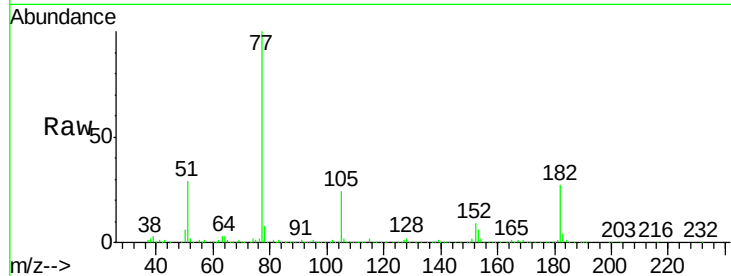
Ion Ratio Lower Upper

77 100

182 27.0 1.7 41.7

105 23.7 3.0 43.0

51 28.8 9.9 49.9

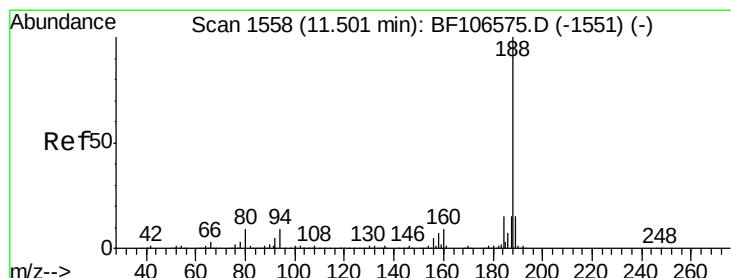
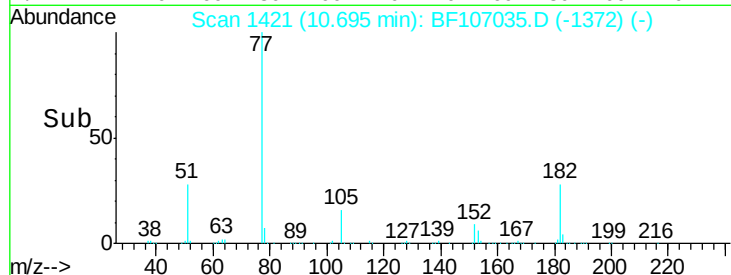
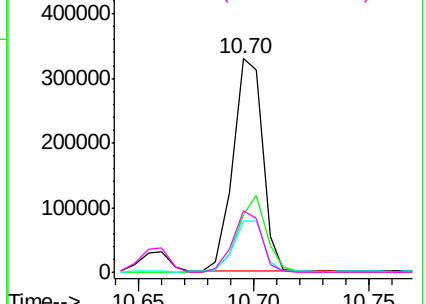


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): 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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

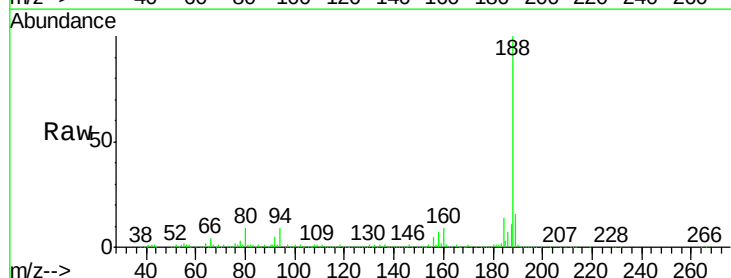
Tgt Ion: 188 Resp: 272806

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

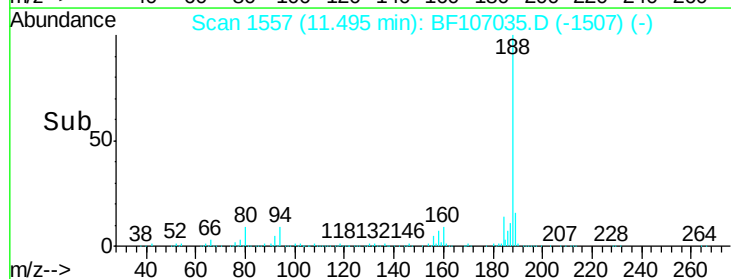
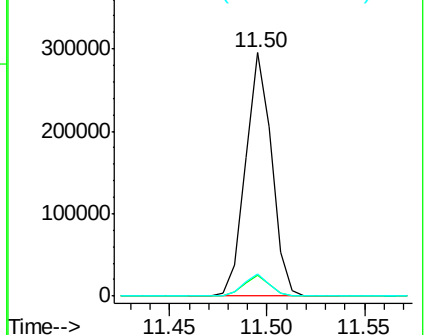
80 9.1 9.2 13.8#

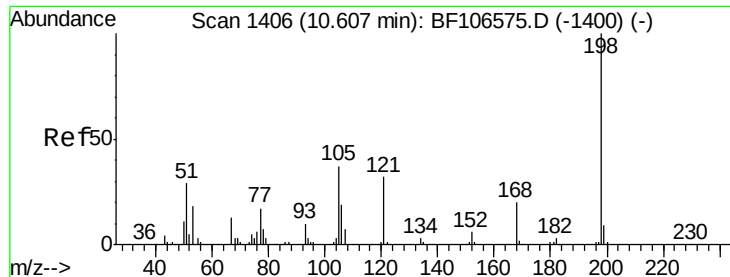


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 15.154 ng

RT: 10.61 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

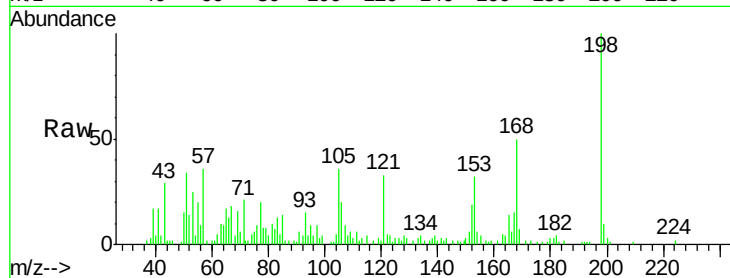
Tgt Ion:198 Resp: 25554

Ion Ratio Lower Upper

198 100

51 33.8 37.7 77.7#

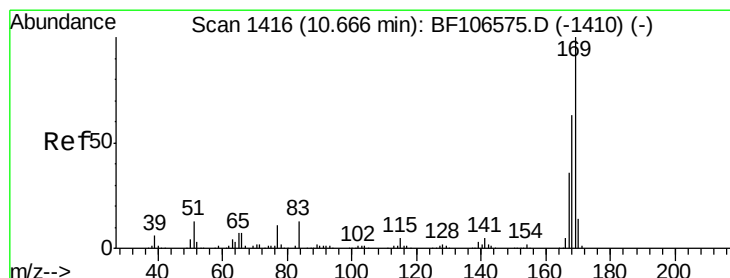
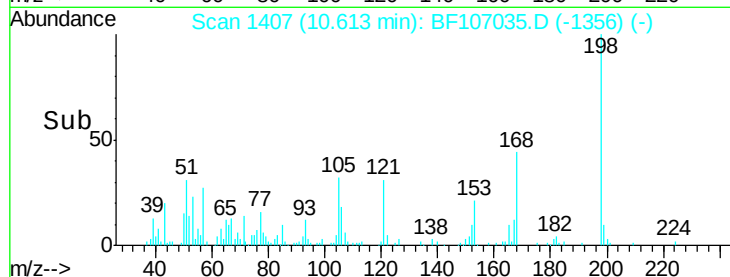
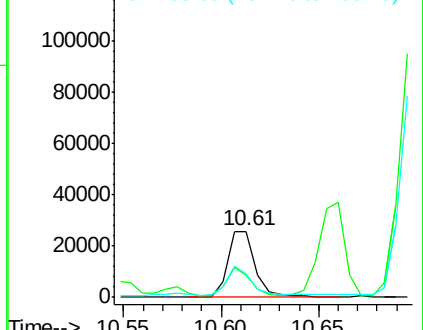
105 36.1 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 31.620 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

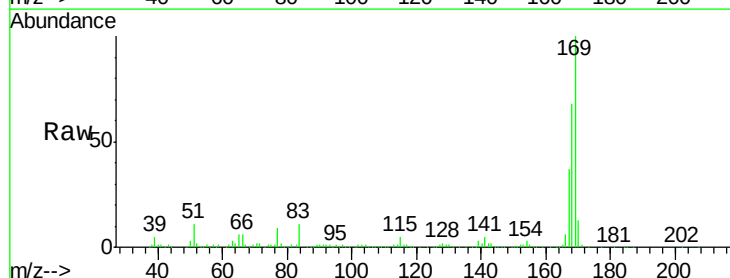
Tgt Ion:169 Resp: 290139

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

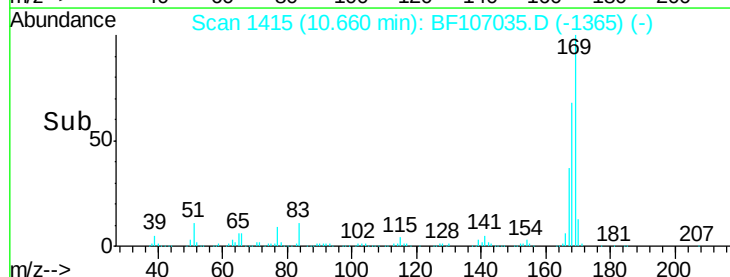
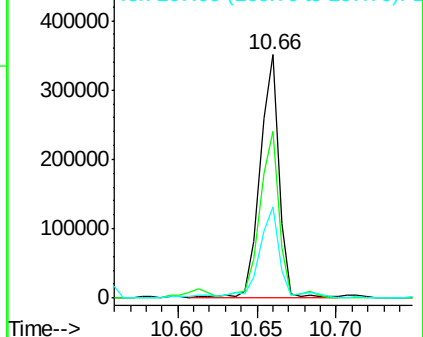
167 37.5 29.8 44.6

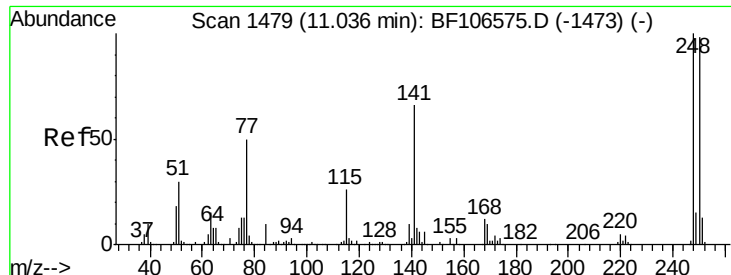


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

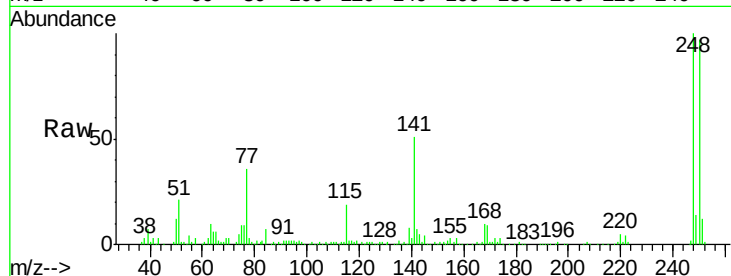




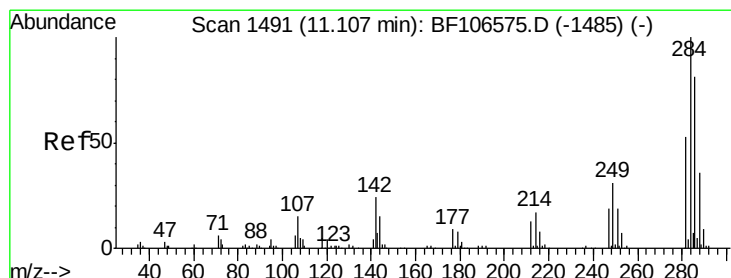
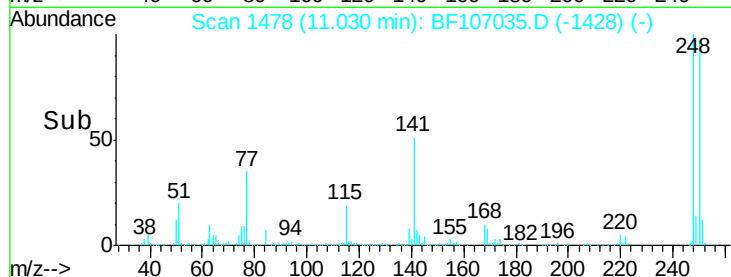
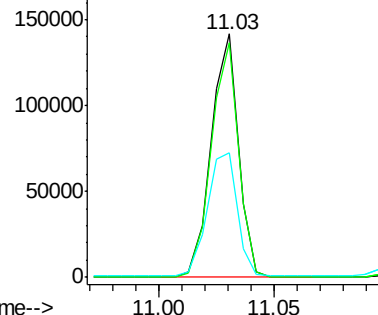
#66
 4-Bromophenyl-phenylether
 Concen: 35.905 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

Tgt Ion:248 Resp: 116899
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.9 115.3
 141 51.3 74.4 111.6#

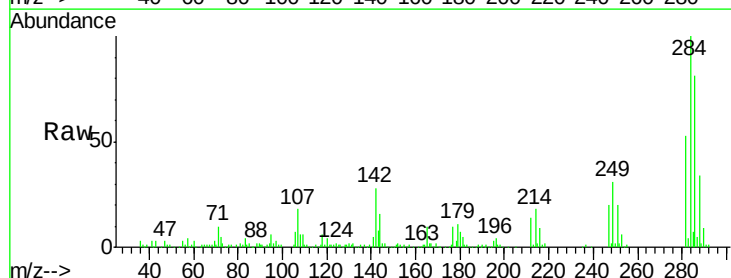


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

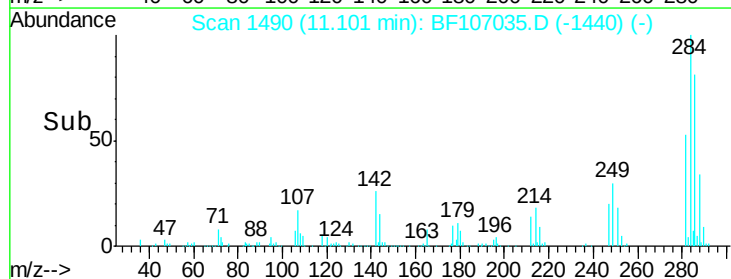
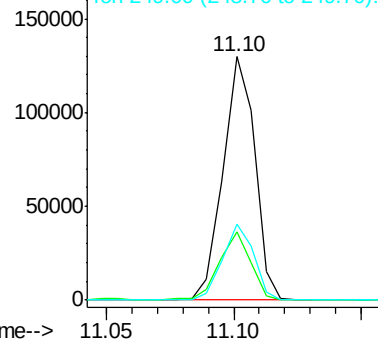


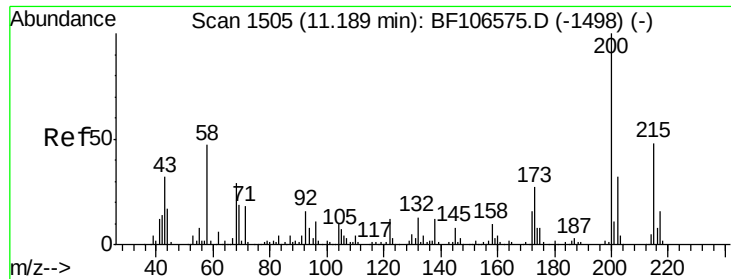
#67
 Hexachlorobenzene
 Concen: 33.379 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion:284 Resp: 113745
 Ion Ratio Lower Upper
 284 100
 142 27.8 34.6 52.0#
 249 31.3 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

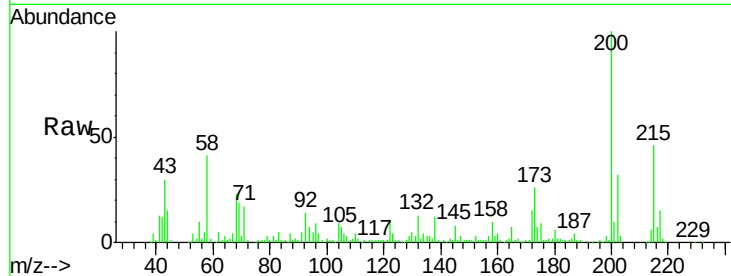




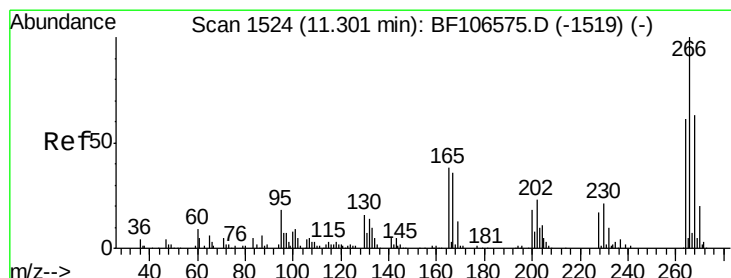
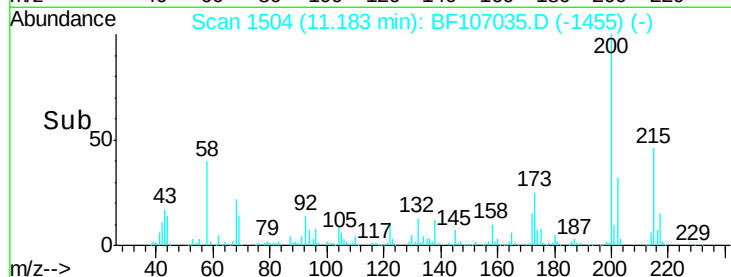
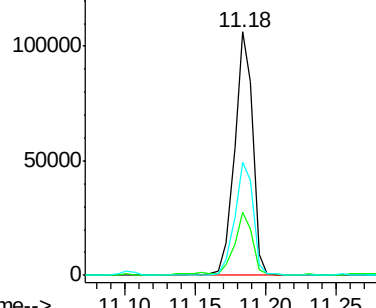
#68
Atrazine
Concen: 33.367 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tgt Ion:200 Resp: 97332
Ion Ratio Lower Upper
200 100
173 25.7 8.6 48.6
215 46.3 25.1 65.1

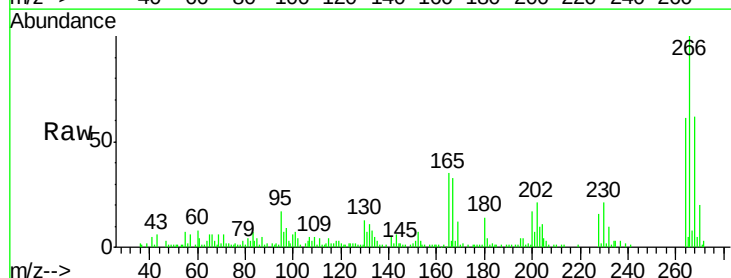


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

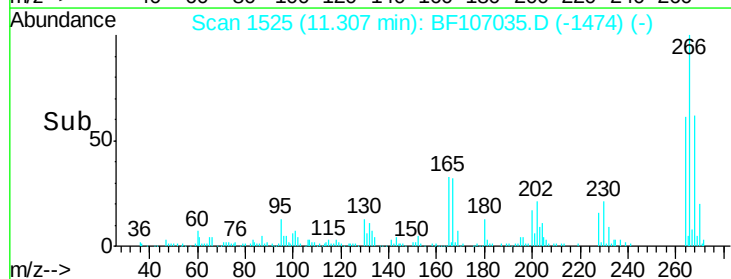
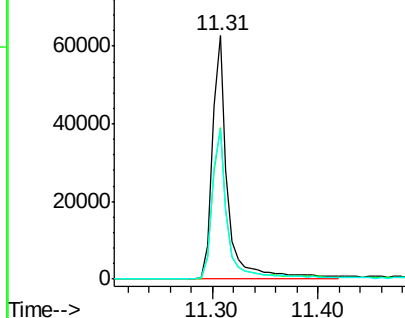


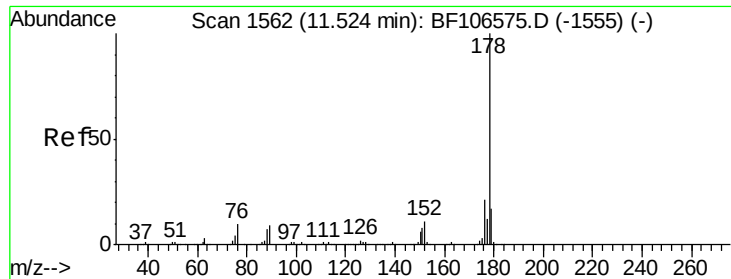
#69
Pentachlorophenol
Concen: 37.824 ng
RT: 11.31 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion:266 Resp: 64311
Ion Ratio Lower Upper
266 100
268 62.2 51.1 76.7
264 61.5 49.5 74.3



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





#70

Phenanthrene

Concen: 61.718 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

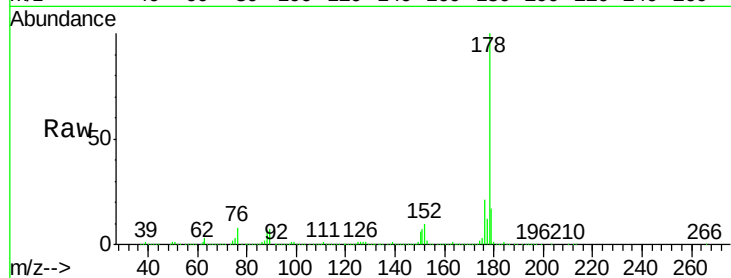
Tgt Ion:178 Resp: 812084

Ion Ratio Lower Upper

178 100

176 20.8 15.8 23.8

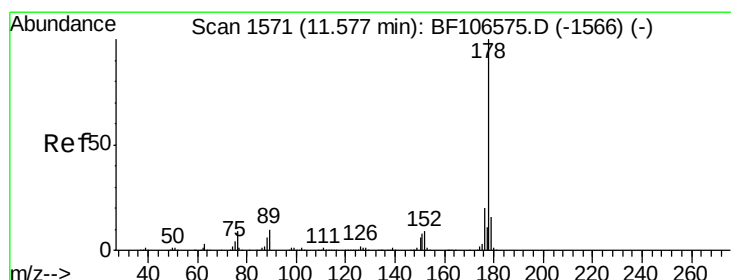
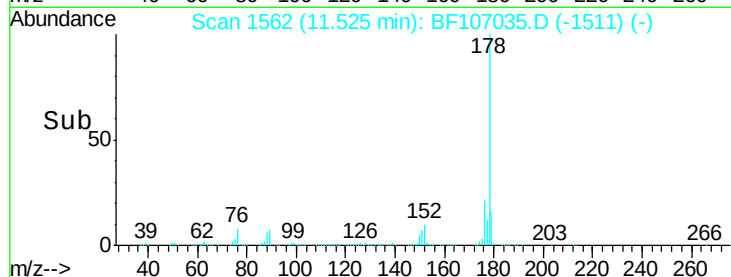
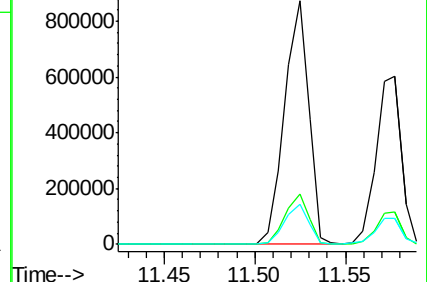
179 16.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 43.542 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

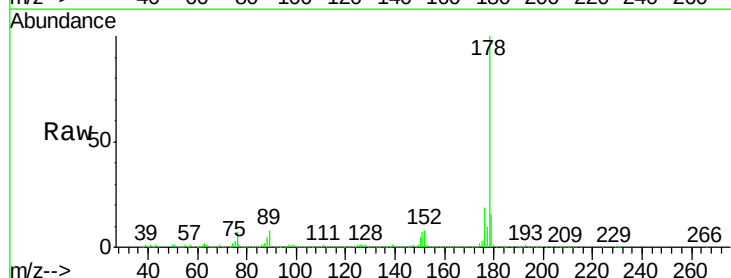
Tgt Ion:178 Resp: 584793

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

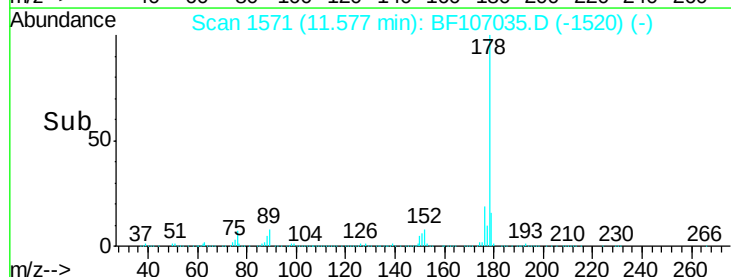
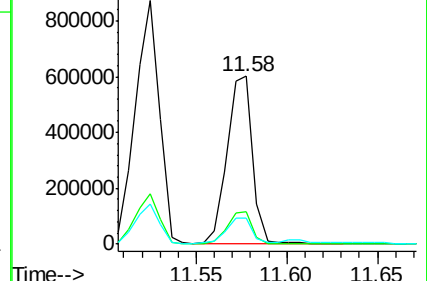
179 15.7 12.6 19.0

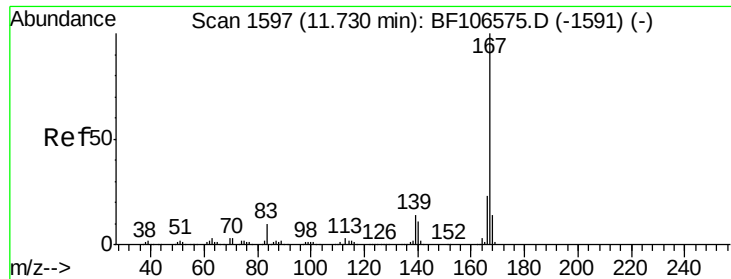


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

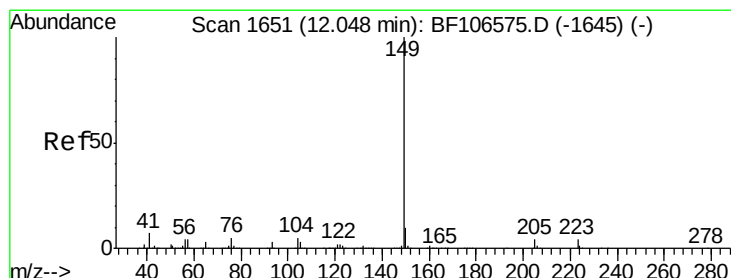
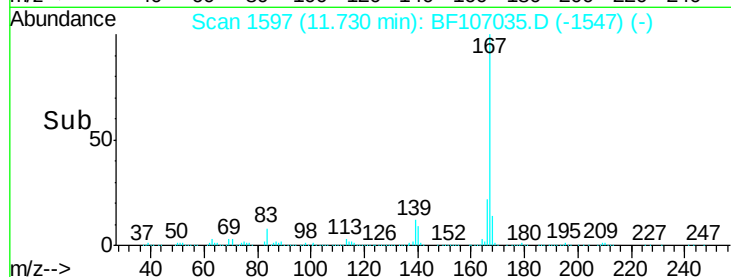
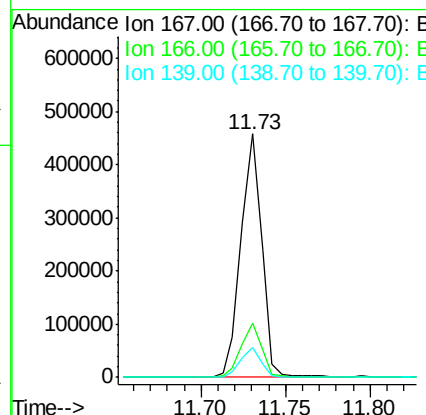
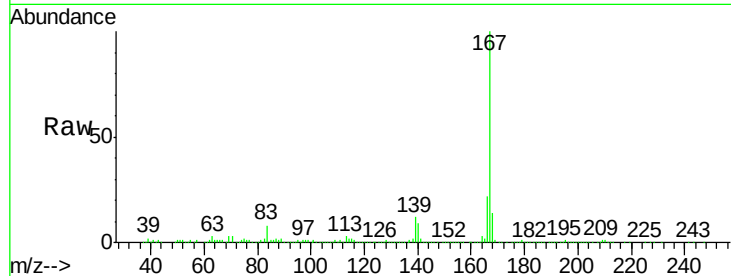




#72
 Carbazole
 Concen: 31.169 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

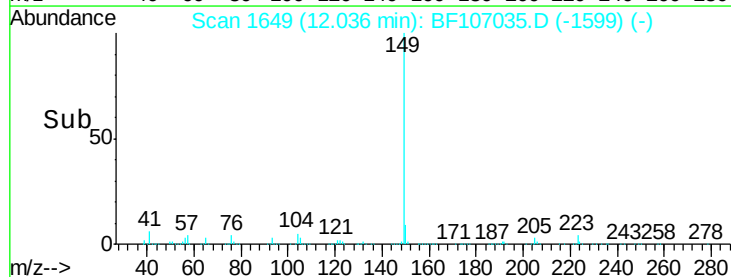
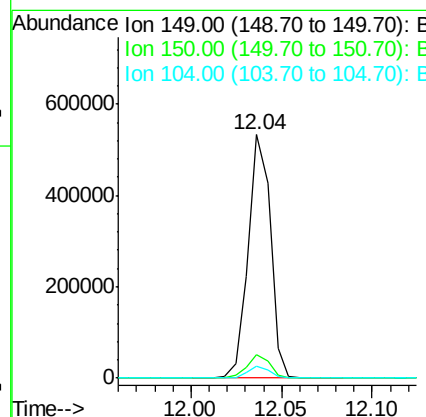
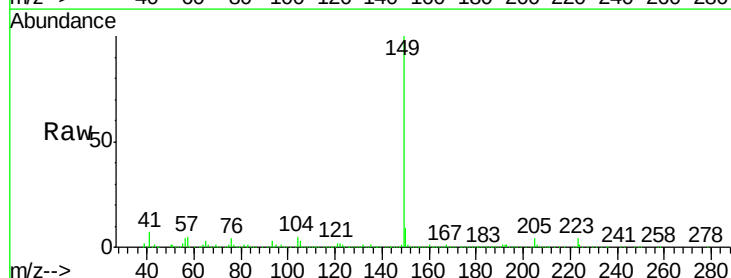
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

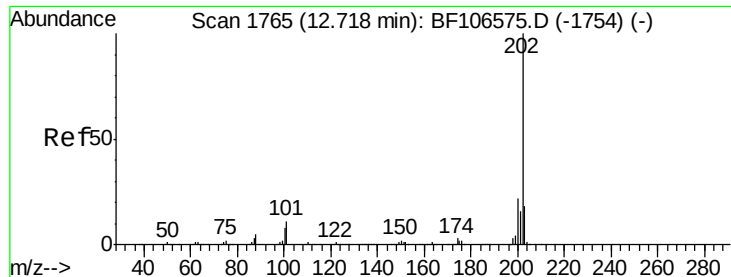
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.3	10.9	16.3



#73
 Di-n-butylphthalate
 Concen: 30.514 ng
 RT: 12.04 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.7	3.8	5.8





#74

Fluoranthene

Concen: 79.755 ng

RT: 12.72 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

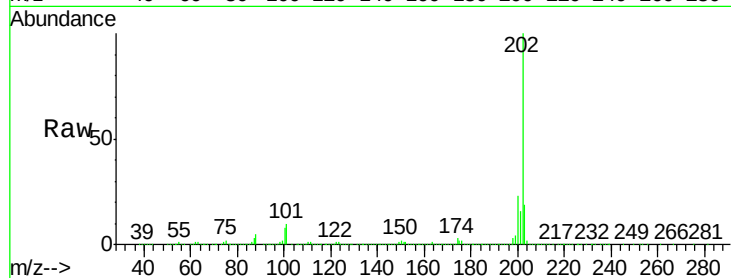
Tgt Ion:202 Resp: 1156669

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

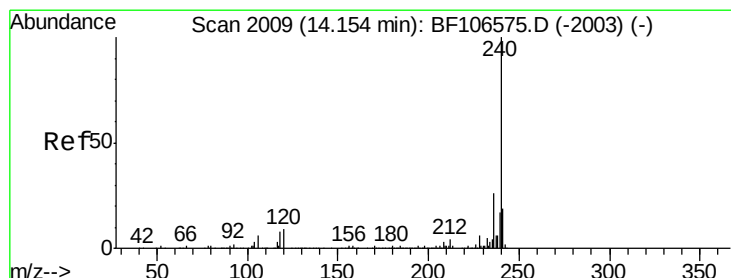
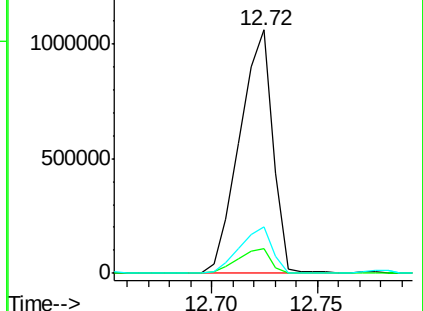
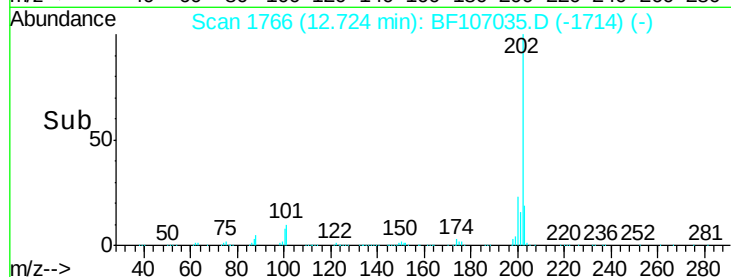
203 18.9 0.0 38.1



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: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

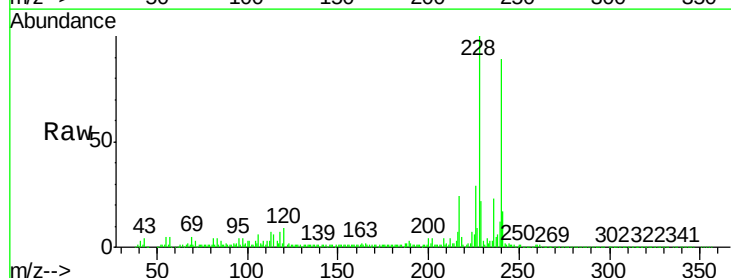
Tgt Ion:240 Resp: 206028

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

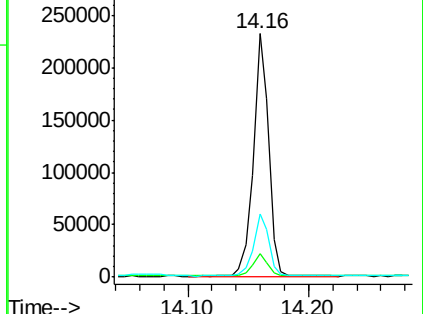
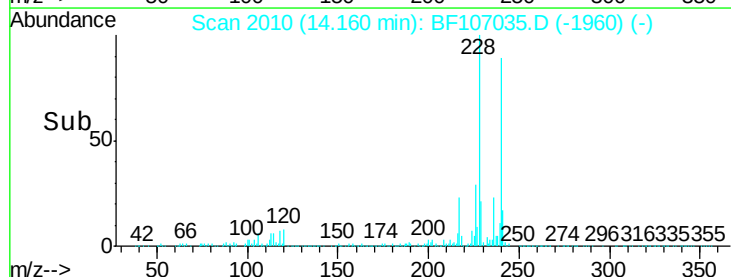
236 26.0 20.7 31.1

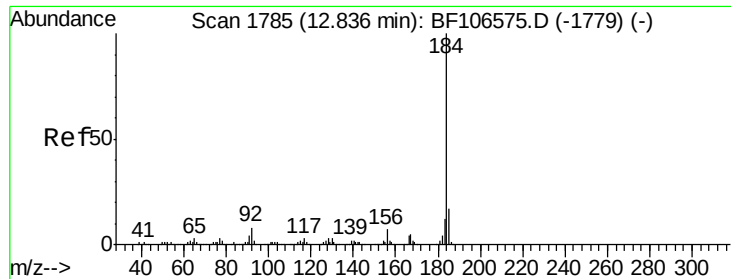


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 4.376 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

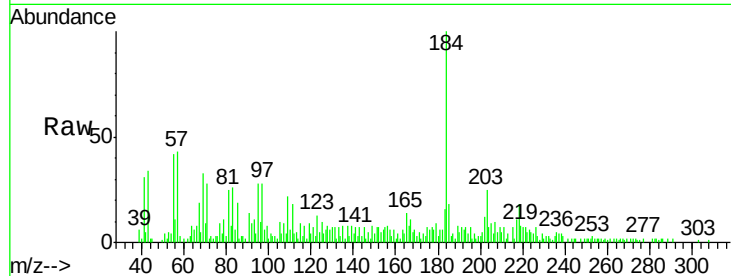
Tgt Ion:184 Resp: 25675

Ion Ratio Lower Upper

184 100

185 18.1 12.6 18.8

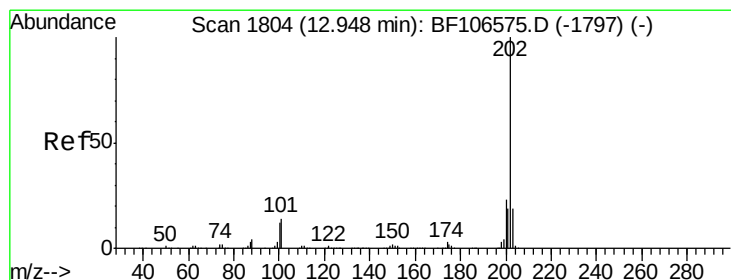
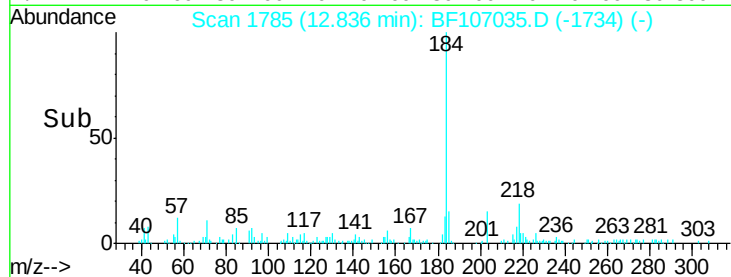
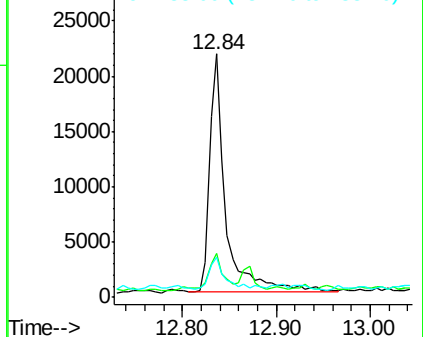
183 16.5 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 82.344 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

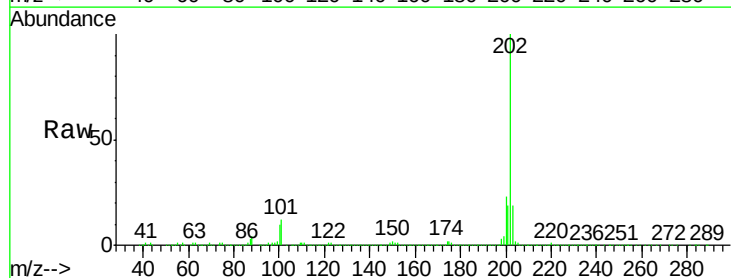
Tgt Ion:202 Resp: 1118741

Ion Ratio Lower Upper

202 100

200 22.9 17.4 26.2

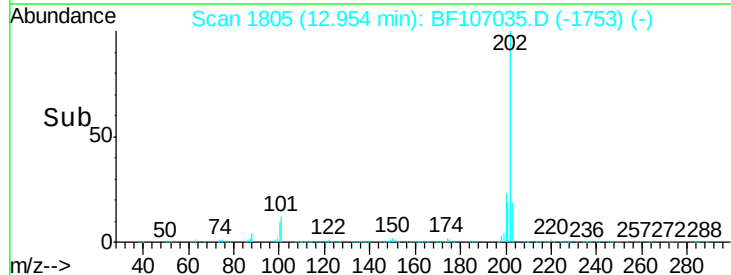
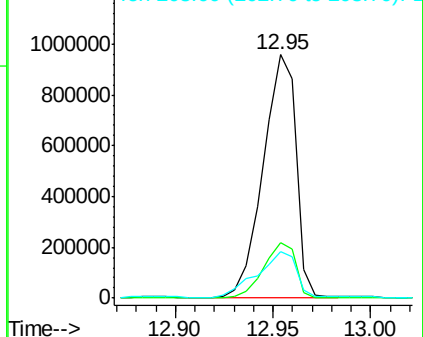
203 19.1 14.3 21.5

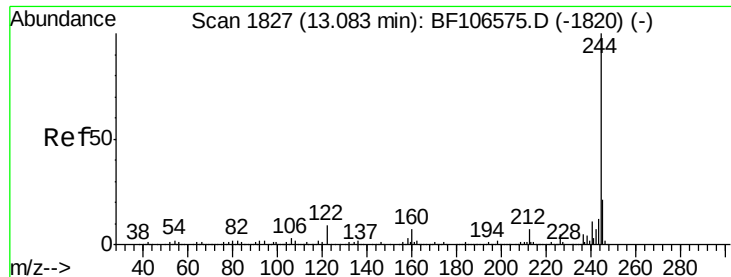


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.940 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

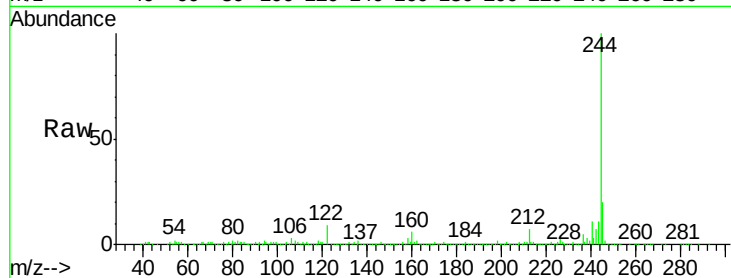
Tgt Ion:244 Resp: 705446

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

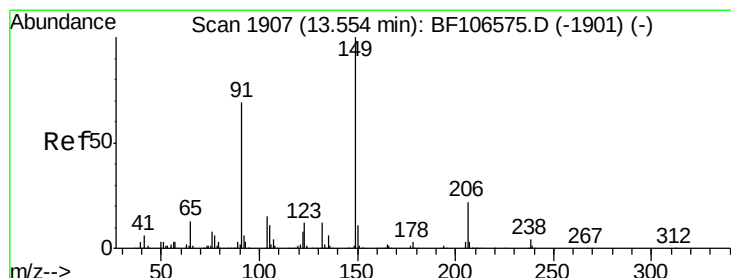
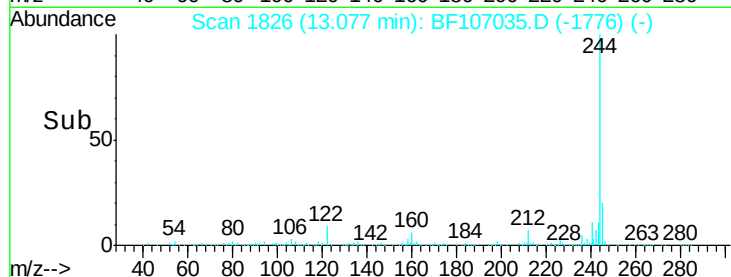
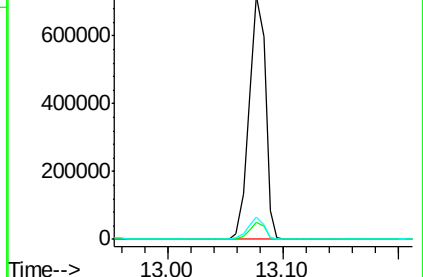
122 8.9 11.0 16.4#



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: 28.859 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

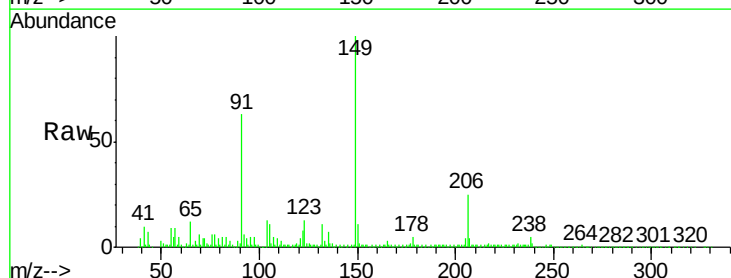
Tgt Ion:149 Resp: 161206

Ion Ratio Lower Upper

149 100

91 63.4 56.8 85.2

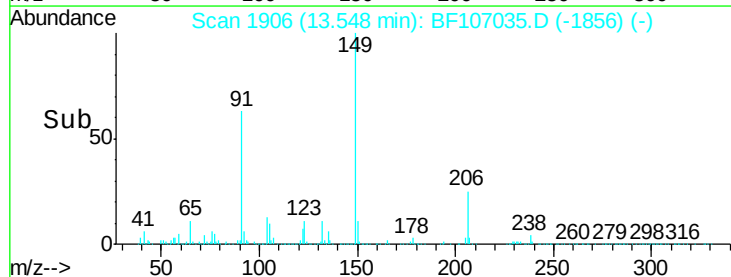
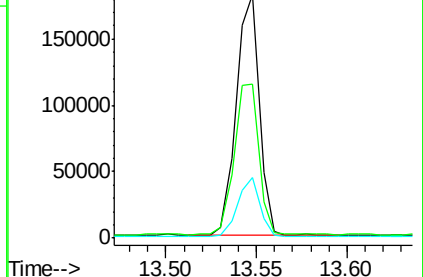
206 25.1 14.1 21.1#

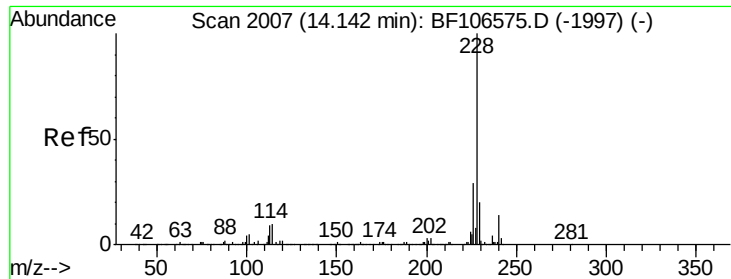


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 66.940 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

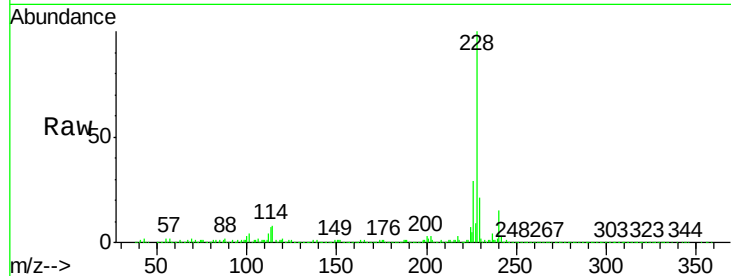
Tgt Ion:228 Resp: 840554

Ion Ratio Lower Upper

228 100

226 29.1 22.6 33.8

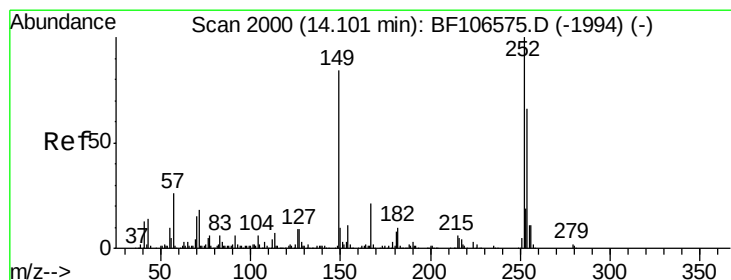
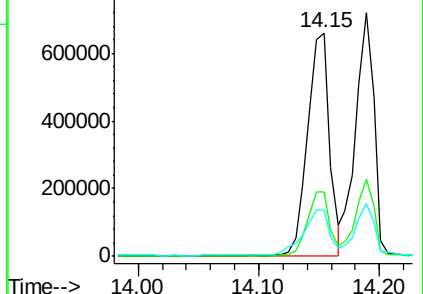
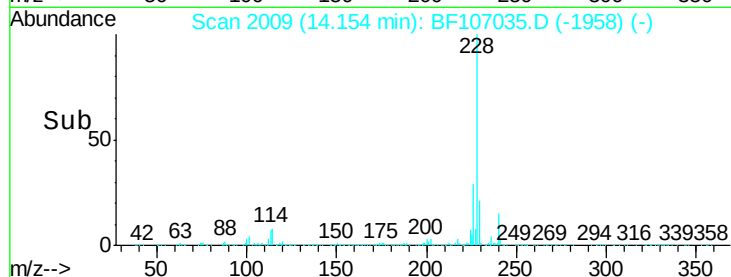
229 21.0 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 21.272 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

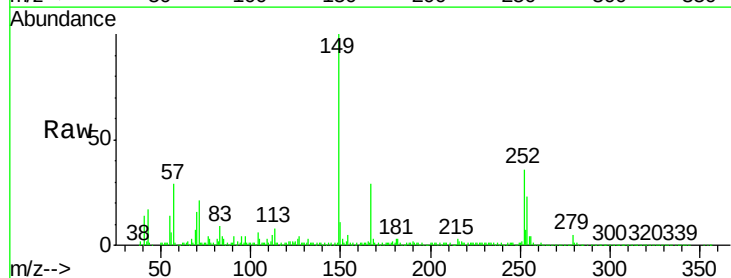
Tgt Ion:252 Resp: 93877

Ion Ratio Lower Upper

252 100

254 64.5 50.4 75.6

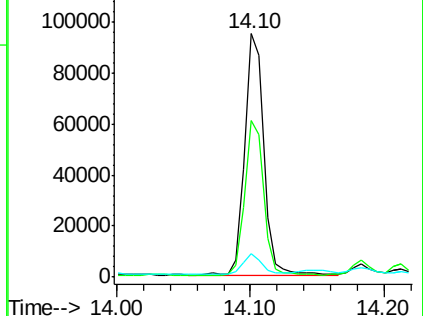
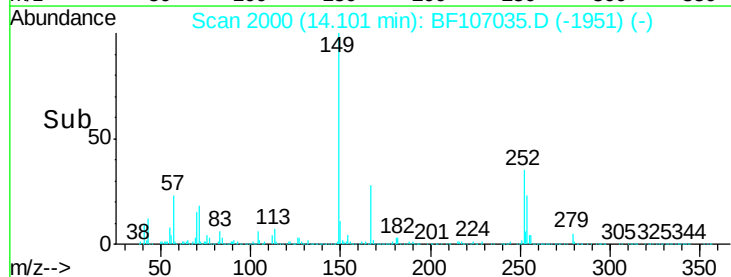
126 9.6 11.3 16.9#

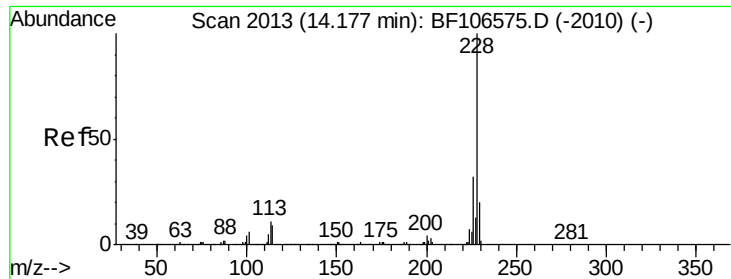


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 64.975 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

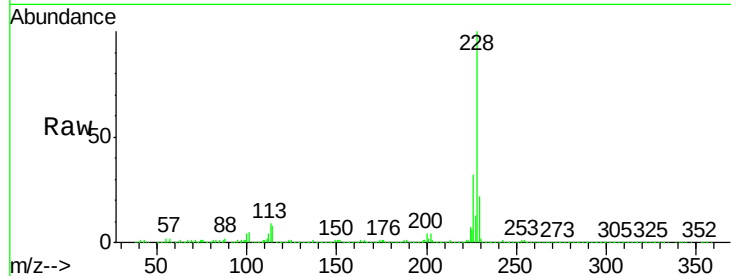
Tgt Ion:228 Resp: 750603

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

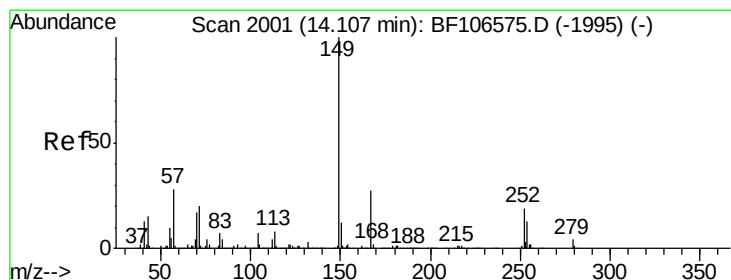
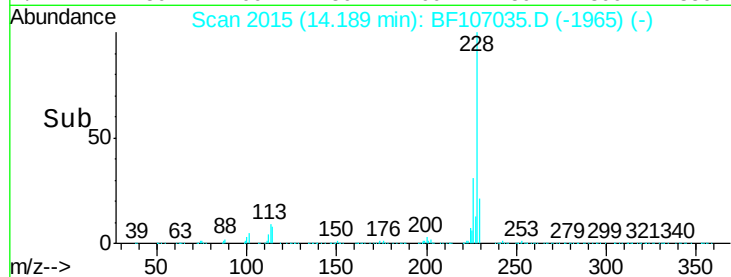
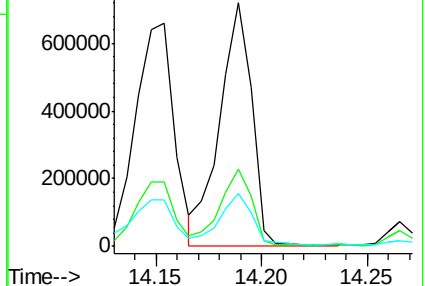
229 21.8 16.2 24.4



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: 32.114 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

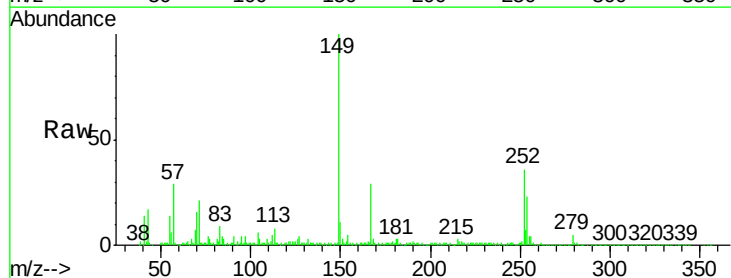
Tgt Ion:149 Resp: 229338

Ion Ratio Lower Upper

149 100

167 28.8 21.3 31.9

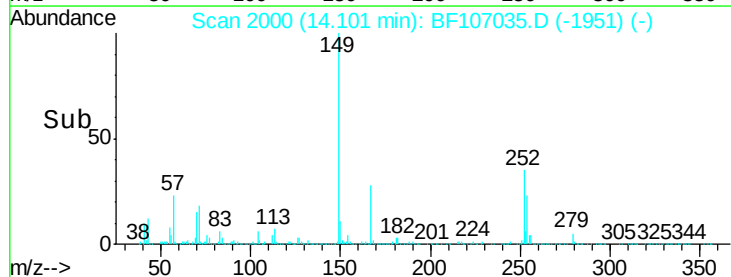
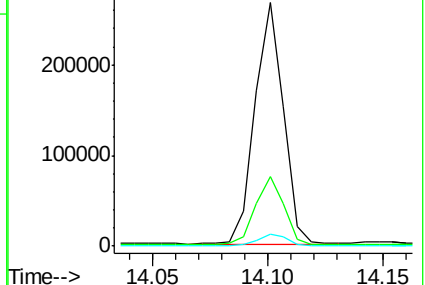
279 4.7 3.0 4.4#

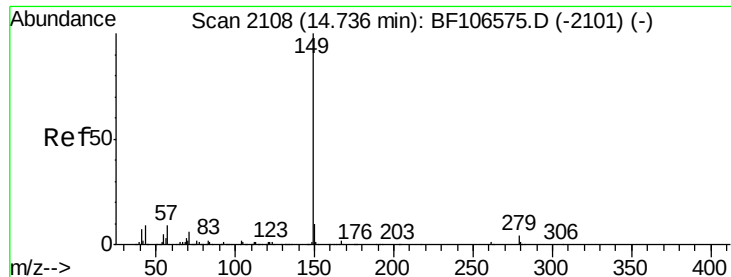


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 31.086 ng

RT: 14.74 min Scan# 2108

Delta R.T. -0.03 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

Instrument :

BNA_F

ClientSampleId :

ZER-SB-01-03-04-0-11MS

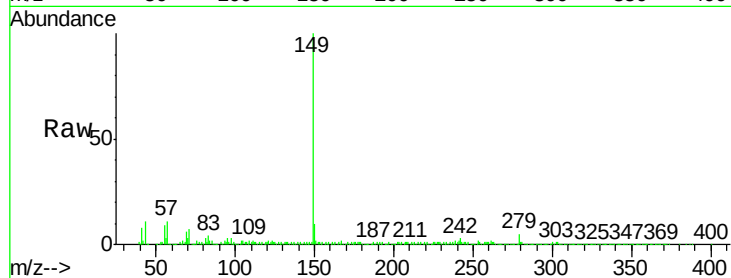
Tgt Ion:149 Resp: 361864

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

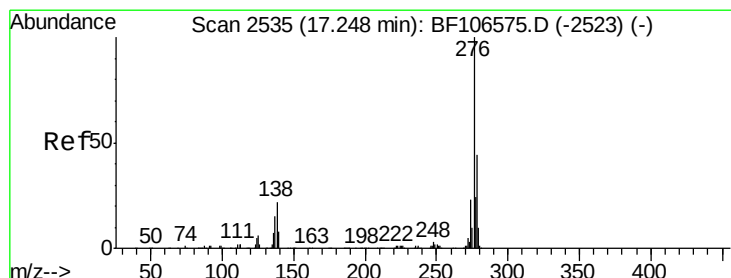
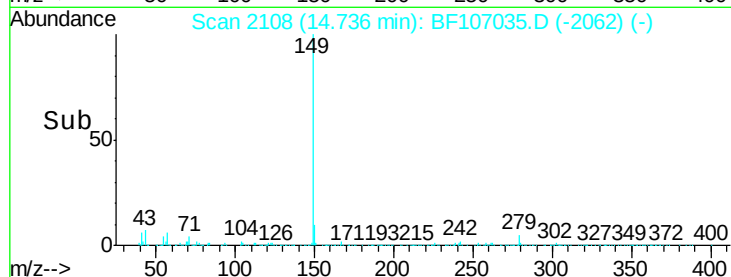
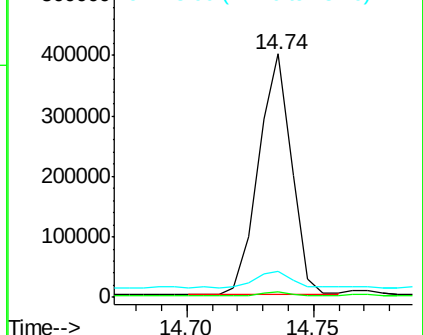
43 7.7 8.4 12.6#



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: 45.882 ng

RT: 17.32 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF107035.D

Acq: 2 Jul 2018 11:01

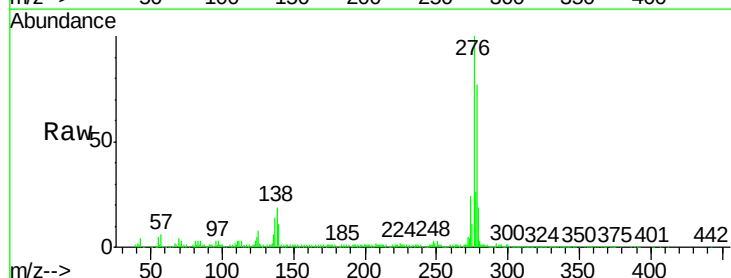
Tgt Ion:276 Resp: 449800

Ion Ratio Lower Upper

276 100

138 19.2 25.0 37.6#

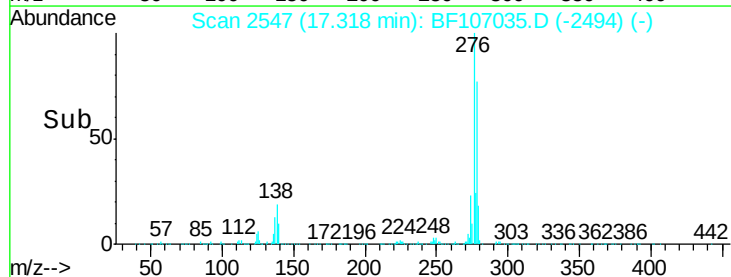
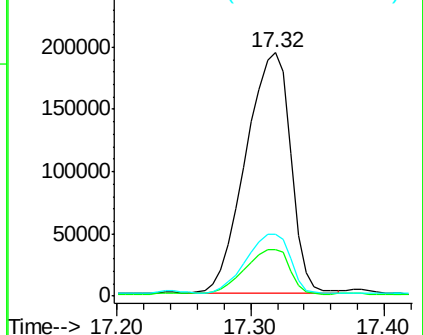
277 24.7 20.1 30.1

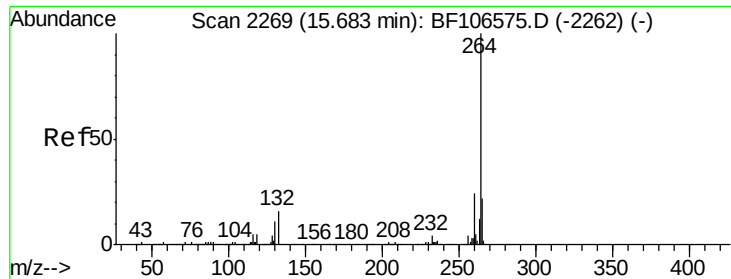


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

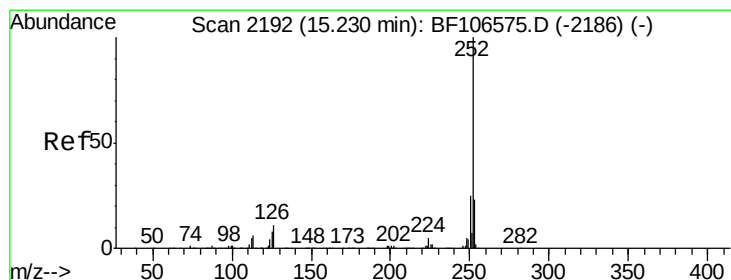
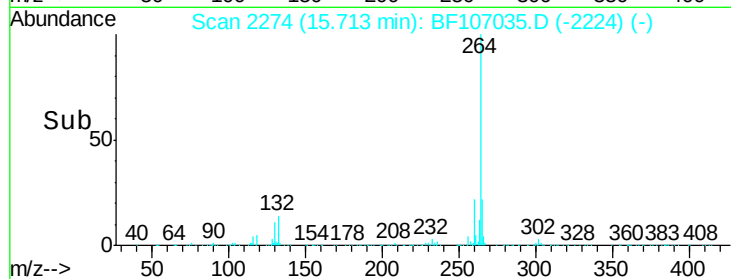
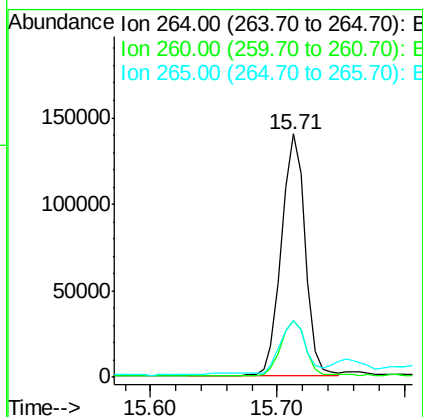
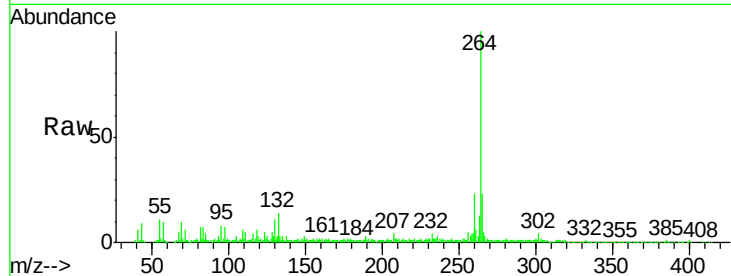




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

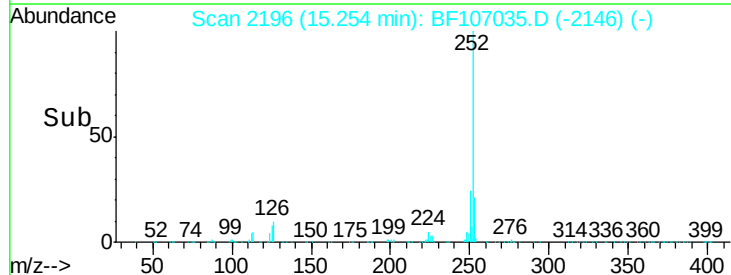
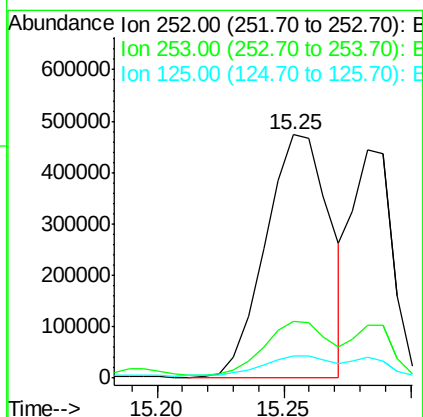
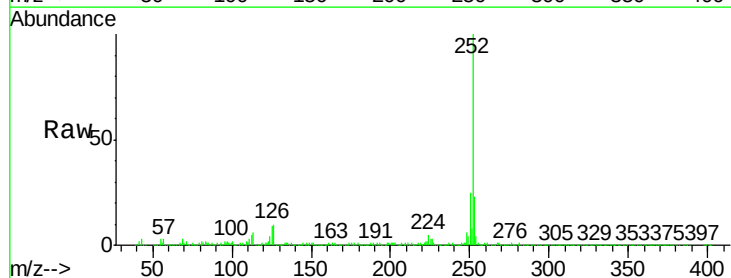
Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

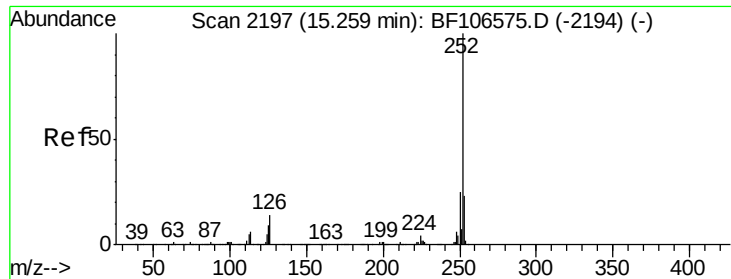
Tgt Ion:264 Resp: 183316
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 23.5 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 72.681 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion:252 Resp: 827654
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 9.2 9.0 13.6

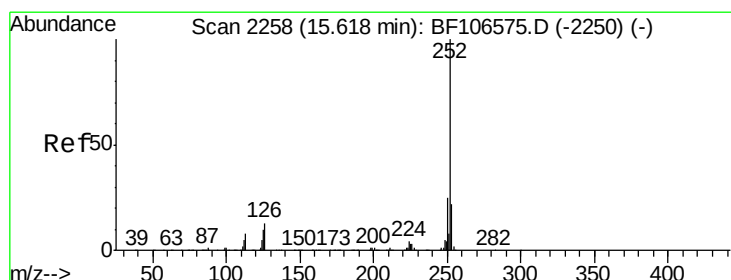
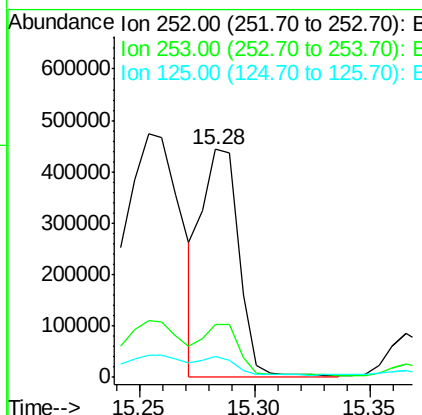
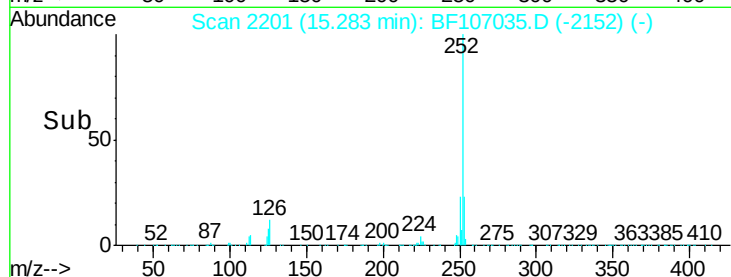
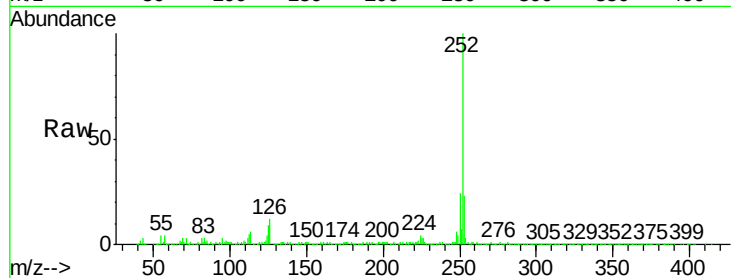




#88
 Benzo(k)fluoranthene
 Concen: 45.622 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

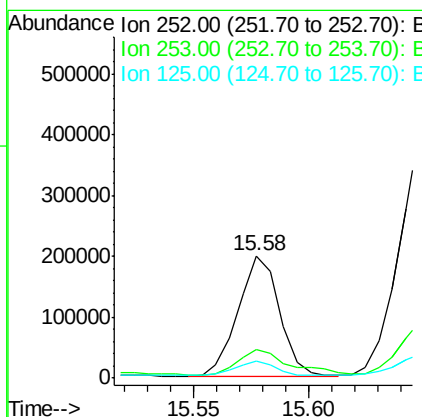
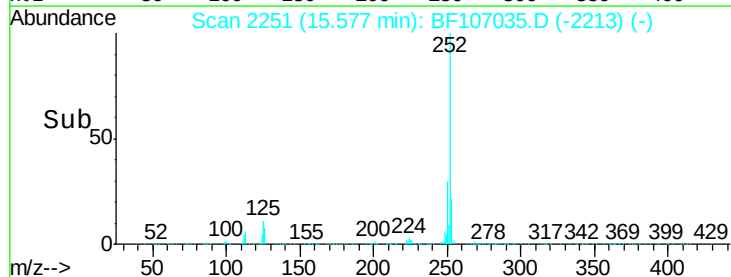
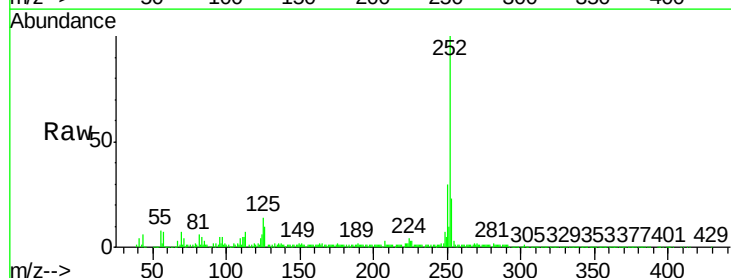
Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-01-03-04-0-11MS

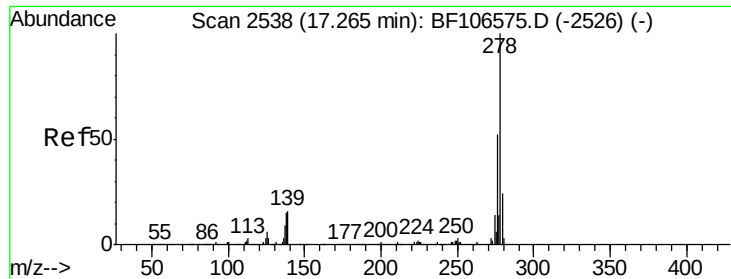
Tgt Ion: 252 Resp: 494738
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.9 26.9
 125 9.1 10.2 15.2#



#89
 Benzo(a)pyrene
 Concen: 24.824 ng
 RT: 15.58 min Scan# 2251
 Delta R.T. -0.08 min
 Lab File: BF107035.D
 Acq: 2 Jul 2018 11:01

Tgt Ion: 252 Resp: 251301
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.1 25.7
 125 13.6 9.8 14.6

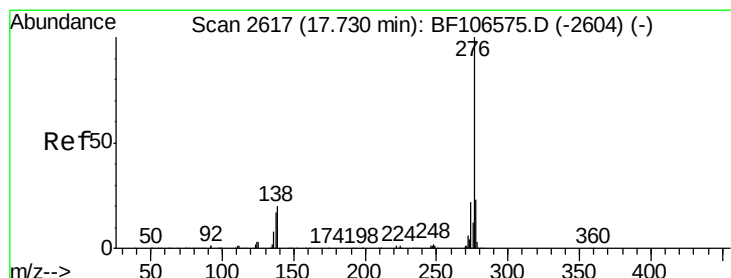
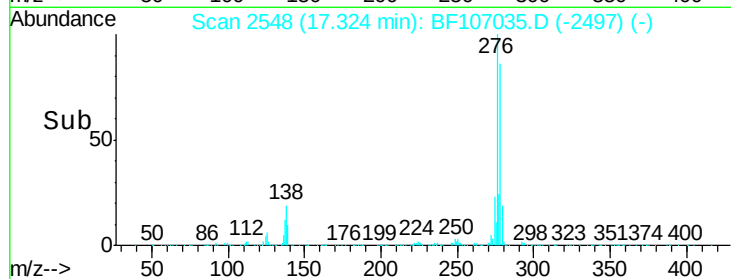
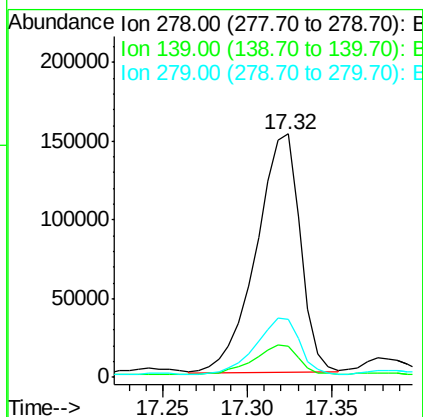
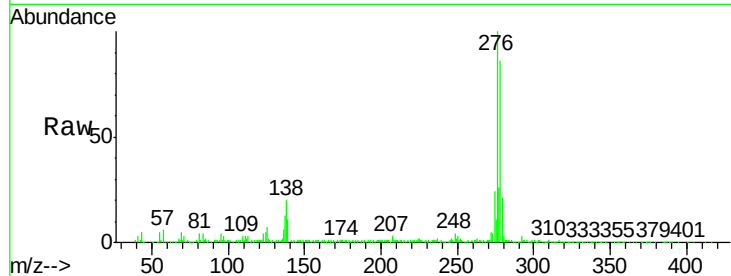




#90
Dibenzo(a,h)anthracene
Concen: 32.096 ng
RT: 17.32 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Instrument :
BNA_F
ClientSampleId :
ZER-SB-01-03-04-0-11MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	15.9	23.9#
279	24.1	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 48.650 ng
RT: 17.81 min Scan# 2630
Delta R.T. 0.02 min
Lab File: BF107035.D
Acq: 2 Jul 2018 11:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	17.0	21.8	32.8#

