

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106967.D
 Acq On : 29 Jun 2018 12:39
 Operator : JU/SJ
 Sample : J3709-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MS

Quant Time: Jun 29 14:06:38 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 11:40:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71504	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	279884	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	144697	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	265776	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	200746	20.00	ng	-0.02
86) Perylene-d12	15.68	264	182301	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	361276	85.56	ng	0.00
7) Phenol-d6	6.60	99	458224	86.89	ng	-0.01
23) Nitrobenzene-d5	7.52	82	289346	57.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	151203	90.16	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	533140	57.61	ng	-0.02
78) Terphenyl-d14	13.07	244	537308	64.83	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.84	88	49053	22.595	ng	97
3) Pyridine	3.62	79	134299	22.810	ng	96
4) n-Nitrosodimethylamine	3.58	42	59625	23.844	ng	87
6) Aniline	6.62	93	135097	18.886	ng	# 78
8) 2-Chlorophenol	6.75	128	146866	31.710	ng	95
9) Benzaldehyde	6.51	77	86320	21.156	ng	99
10) Phenol	6.61	94	187698	31.189	ng	86
11) bis(2-Chloroethyl)ether	6.68	93	144843	29.154	ng	99
12) 1,3-Dichlorobenzene	6.90	146	165757	30.557	ng	98
13) 1,4-Dichlorobenzene	6.97	146	167276	30.501	ng	98
14) 1,2-Dichlorobenzene	7.12	146	157870	31.410	ng	96
15) Benzyl Alcohol	7.10	79	126423	29.857	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	201394	30.895	ng	51
17) 2-Methylphenol	7.21	107	125307	31.615	ng	# 93
18) Hexachloroethane	7.46	117	56146	29.112	ng	# 88
19) n-Nitroso-di-n-propylamine	7.36	70	99594	28.652	ng	92
20) 3+4-Methylphenols	7.37	107	157729	34.558	ng	# 77
22) Acetophenone	7.36	105	200279	31.985	ng	# 96
24) Nitrobenzene	7.54	77	156505	30.438	ng	99
25) Isophorone	7.77	82	283299	31.922	ng	99
26) 2-Nitrophenol	7.85	139	80813	33.293	ng	95
27) 2,4-Dimethylphenol	7.89	122	131682	35.099	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	181313	30.428	ng	99
29) 2,4-Dichlorophenol	8.10	162	136818	34.833	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	146711	33.906	ng	98
31) Naphthalene	8.26	128	424666	32.453	ng	99
32) Benzoic acid	8.01	122	61785	25.668	ng	98
33) 4-Chloroaniline	8.31	127	83158	15.146	ng	98
34) Hexachlorobutadiene	8.37	225	95347	33.818	ng	98
35) Caprolactam	8.68	113	40393	31.548	ng	98
36) 4-Chloro-3-methylphenol	8.80	107	138389	33.473	ng	95
37) 2-Methylnaphthalene	8.95	142	316140	36.450	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	164922	33.844	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	46656	18.609	ng	95

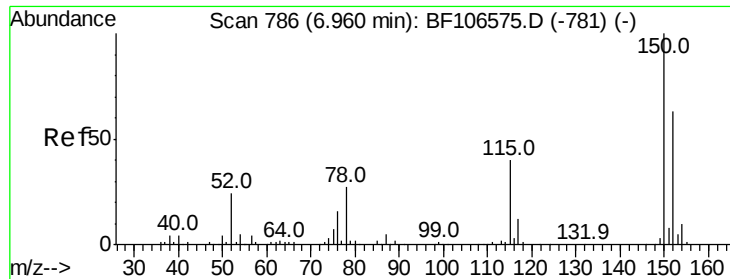
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	101213	31.247	nq	97
43) 2,4,5-Trichlorophenol	9.28	196	103458	30.609	nq #	85
45) 1,1'-Biphenyl	9.41	154	380060	32.958	nq	97
46) 2-Chloronaphthalene	9.44	162	276794	30.494	nq	95
47) 2-Nitroaniline	9.54	65	85850	28.126	nq	95
48) Acenaphthylene	9.86	152	438477	30.597	nq	99
49) Dimethylphthalate	9.71	163	405669	37.380	nq	97
50) 2,6-Dinitrotoluene	9.78	165	76344	33.221	nq #	79
51) Acenaphthene	10.03	154	267521	29.645	nq	97
52) 3-Nitroaniline	9.95	138	55077	20.827	nq	95
53) 2,4-Dinitrophenol	10.07	184	50265	44.607	nq #	18
54) Dibenzofuran	10.20	168	410003	33.180	nq	96
55) 4-Nitrophenol	10.13	139	71973	38.992	nq	96
56) 2,4-Dinitrotoluene	10.19	165	99878	33.297	nq #	82
57) Fluorene	10.55	166	315078	32.132	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	89050	33.144	nq #	79
59) Diethylphthalate	10.41	149	312343	29.819	nq #	94
60) 4-Chlorophenyl-phenylether	10.53	204	165639	32.284	nq #	88
61) 4-Nitroaniline	10.57	138	63662	24.257	nq	96
62) Azobenzene	10.70	77	286190	27.746	nq	91
64) 4,6-Dinitro-2-methylphenol	10.60	198	44649	27.177	nq #	68
65) n-Nitrosodiphenylamine	10.65	169	276205	30.897	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	110907	34.966	nq #	79
67) Hexachlorobenzene	11.10	284	112977	34.031	nq #	82
68) Atrazine	11.18	200	94281	33.176	nq	94
69) Pentachlorophenol	11.30	266	73393	44.307	nq	98
70) Phenanthrene	11.51	178	427279	33.332	nq	99
71) Anthracene	11.57	178	441402	33.735	nq	100
72) Carbazole	11.72	167	368580	30.088	nq	97
73) Di-n-butylphthalate	12.03	149	446918	30.968	nq	99
74) Fluoranthene	12.71	202	421846	29.857	nq	95
77) Pyrene	12.94	202	413639	31.247	nq	100
79) Butylbenzylphthalate	13.54	149	157684	28.972	nq #	97
80) Benzo(a)anthracene	14.13	228	377091	30.821	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	69246	16.103	nq #	96
82) Chrysene	14.17	228	362488	32.204	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	211114	30.340	nq #	97
84) Di-n-octyl phthalate	14.72	149	354013	31.211	nq	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	295187	30.903	nq #	89
87) Benzo(b)fluoranthene	15.22	252	366510	32.365	nq #	96
88) Benzo(k)fluoranthene	15.26	252	321173	29.782	nq #	94
89) Benzo(a)pyrene	15.62	252	321203	31.906	nq #	96
90) Dibenzo(a,h)anthracene	17.27	278	247416	28.999	nq #	92
91) Benzo(g,h,i)perylene	17.74	276	237809	28.517	nq #	89

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

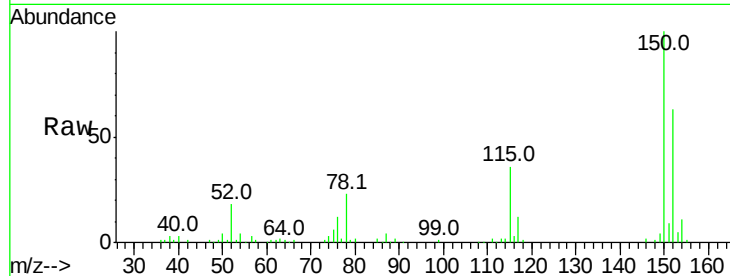


#1

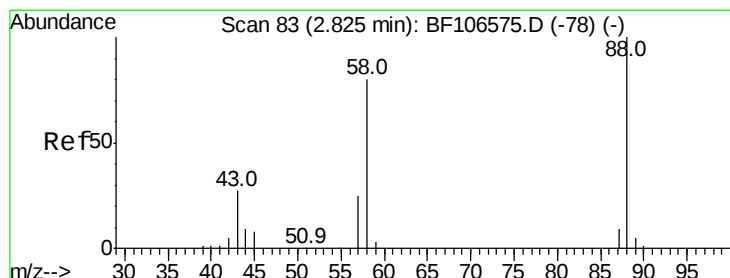
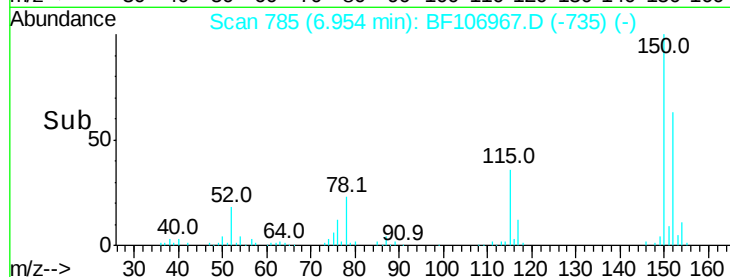
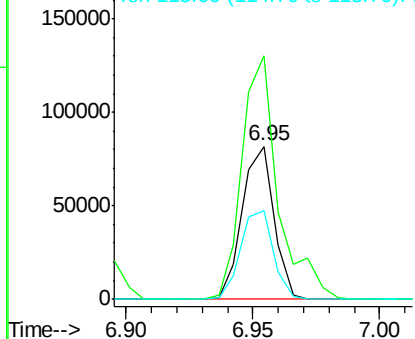
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion:152 Resp: 71504
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 57.9 50.1 75.1



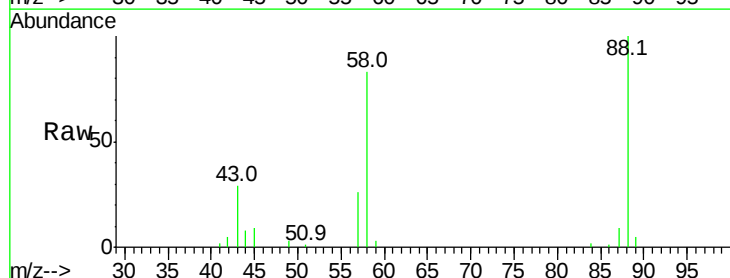
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



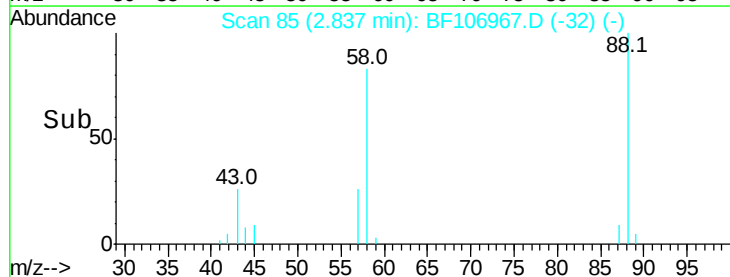
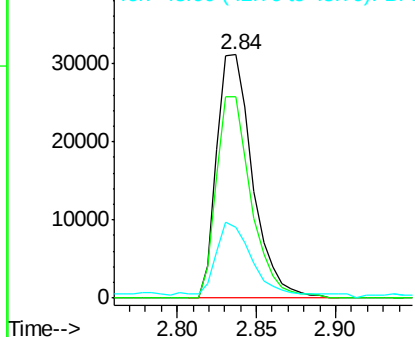
#2

1,4-Dioxane
Concen: 22.595 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion: 88 Resp: 49053
Ion Ratio Lower Upper
88 100
58 80.3 62.6 93.8
43 34.1 24.6 37.0



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





#3

Pvridine

Concen: 22.810 ng

RT: 3.62 min Scan# 219

Delta R.T. 0.02 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

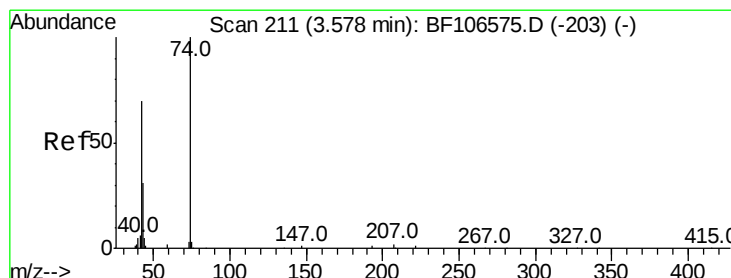
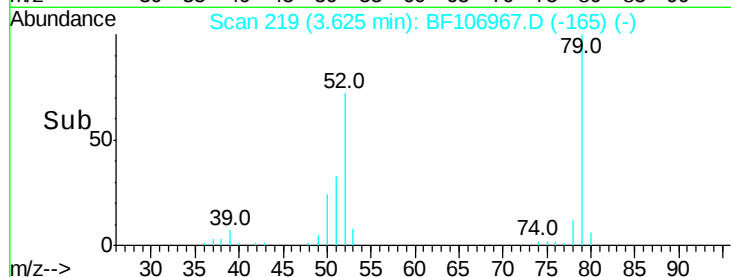
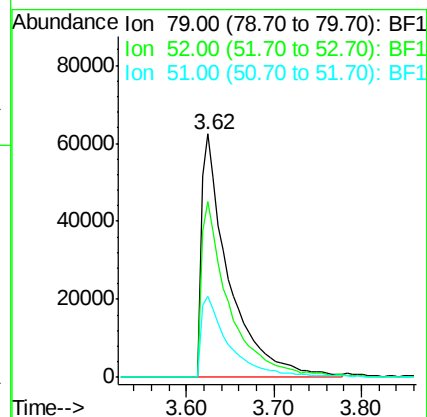
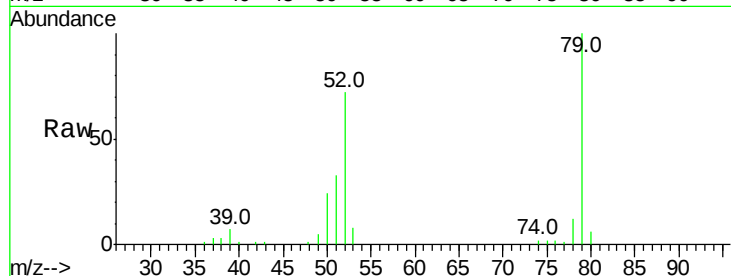
Tot Ion: 79 Resp: 134299

Ion Ratio Lower Upper

79 100

52 72.3 59.8 89.6

51 33.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 23.844 ng

RT: 3.58 min Scan# 211

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

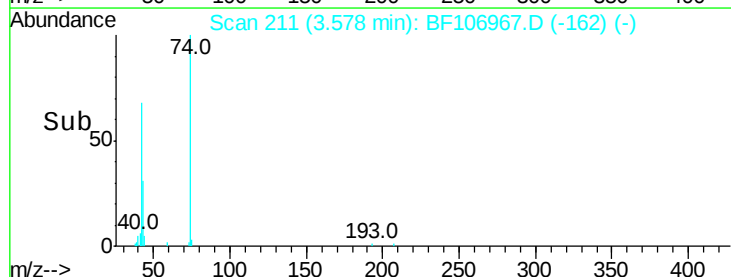
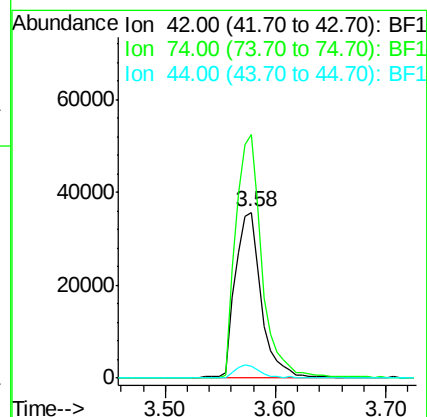
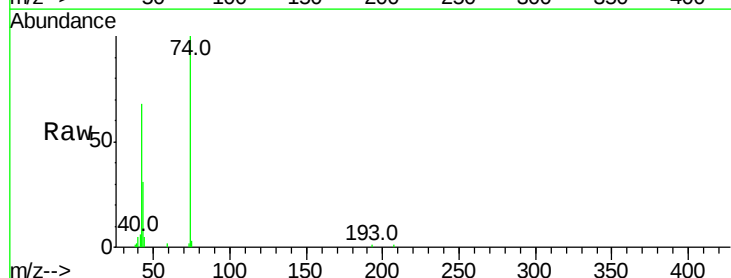
Tgt Ion: 42 Resp: 59625

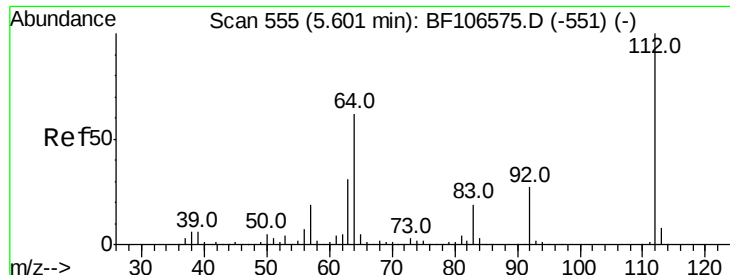
Ion Ratio Lower Upper

42 100

74 146.9 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 85.555 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

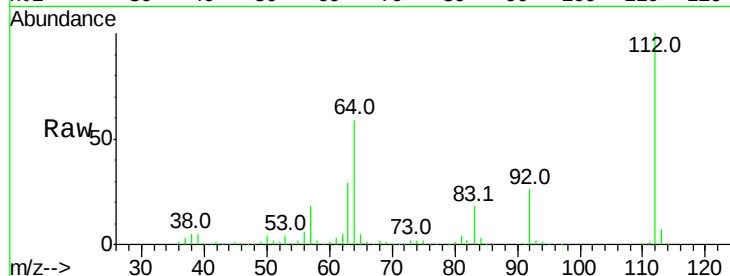
Tot Ion:112 Resp: 361276

Ion Ratio Lower Upper

112 100

64 58.7 47.9 71.9

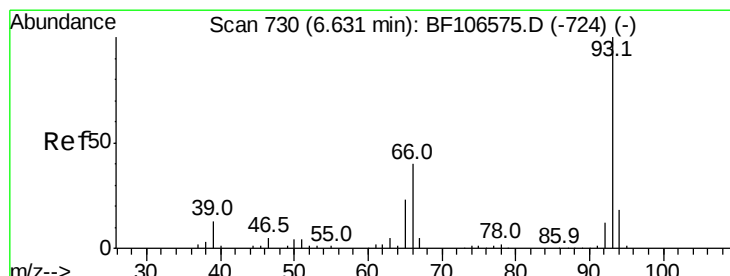
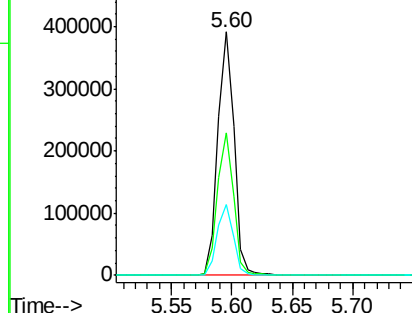
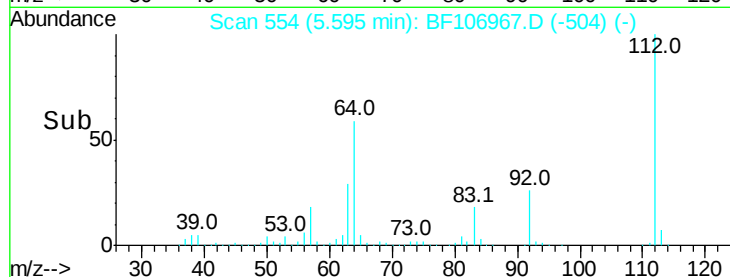
63 29.0 23.7 35.5



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: 18.886 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

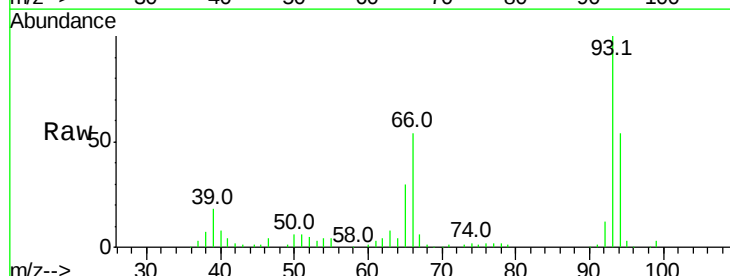
Tgt Ion: 93 Resp: 135097

Ion Ratio Lower Upper

93 100

66 53.7 32.2 48.2#

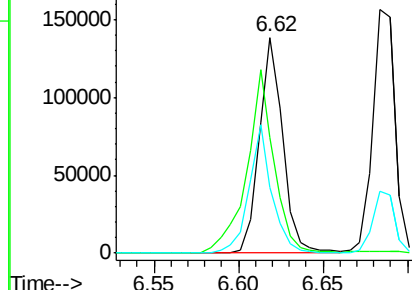
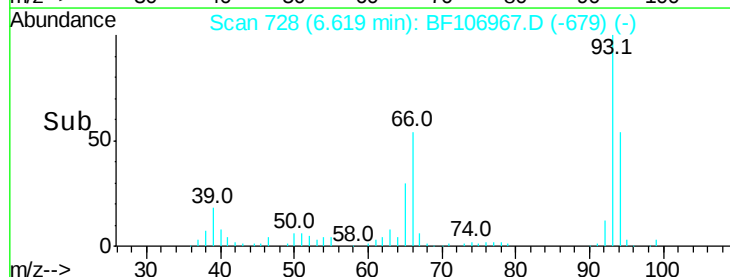
65 30.3 16.4 24.6#



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: 86.894 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

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EME-FW-TS004-01MS

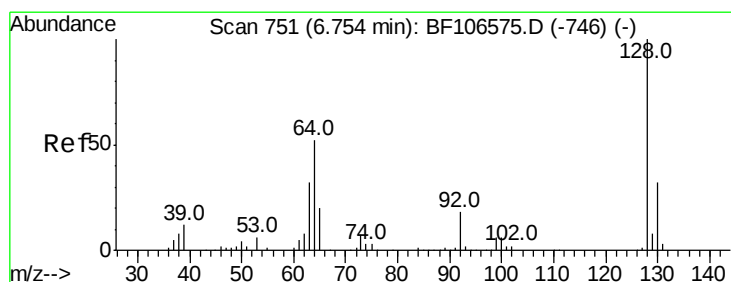
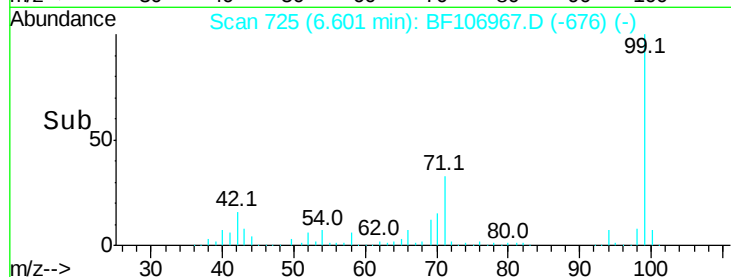
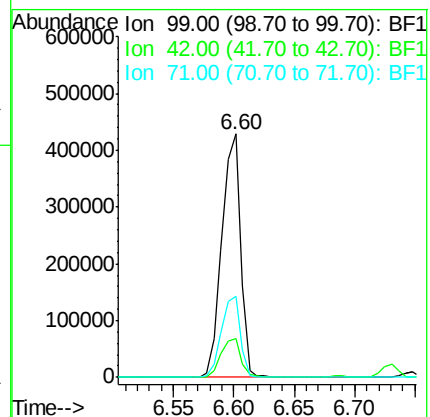
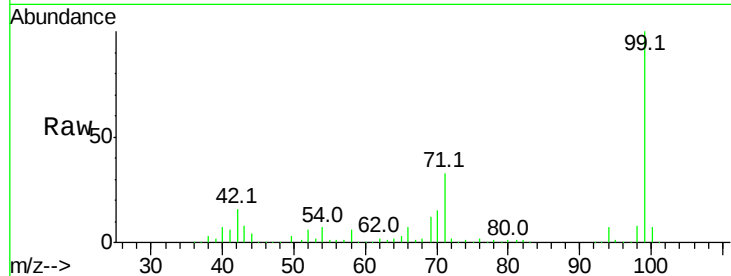
Tot Ion: 99 Resp: 458224

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 33.4 25.4 38.0



#8

2-Chlorophenol

Concen: 31.710 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

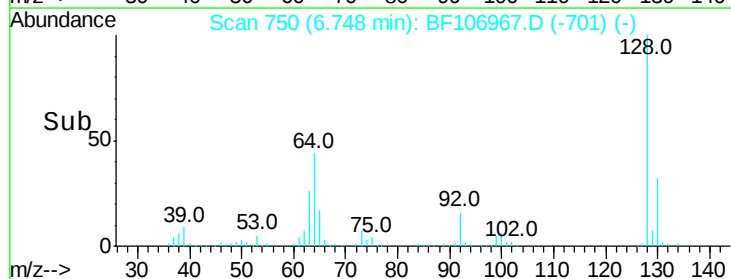
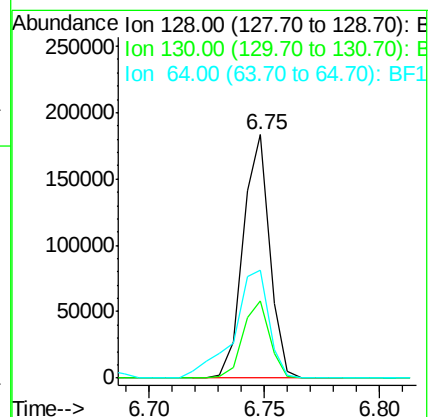
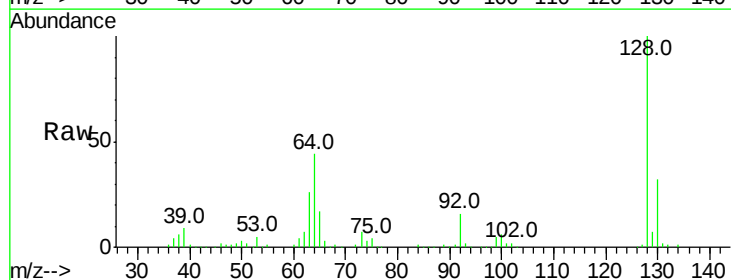
Tgt Ion:128 Resp: 146866

Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

64 44.2 29.4 69.4





#9

Benzaldehyde

Concen: 21.156 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

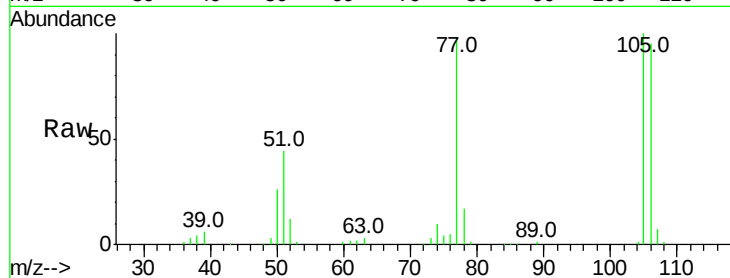
Tot Ion: 77 Resp: 86320

Ion Ratio Lower Upper

77 100

105 102.0 81.1 121.1

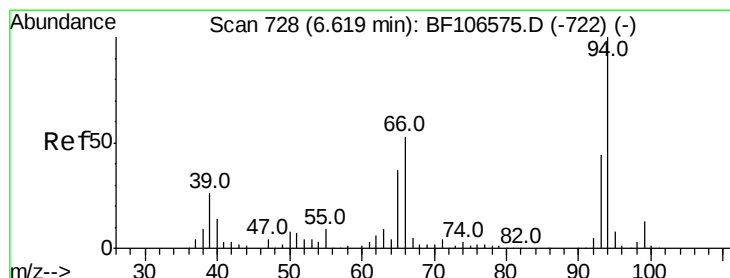
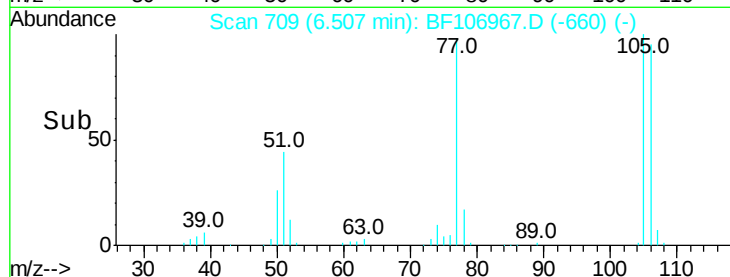
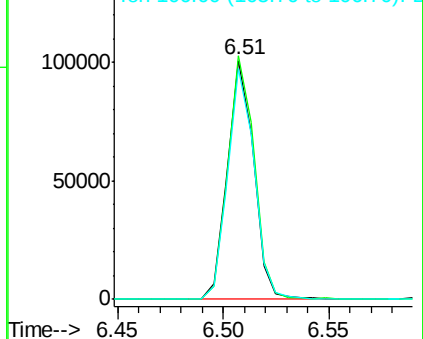
106 96.5 74.5 114.5



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: 31.189 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

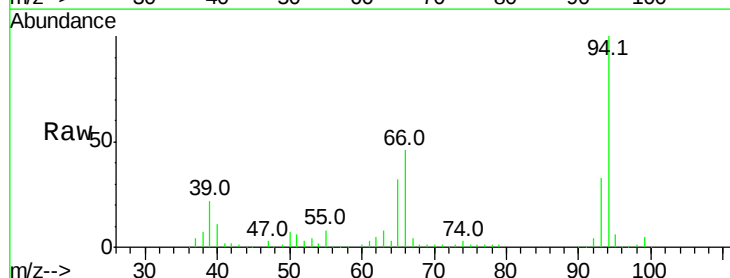
Tgt Ion: 94 Resp: 187698

Ion Ratio Lower Upper

94 100

65 32.5 7.9 47.9

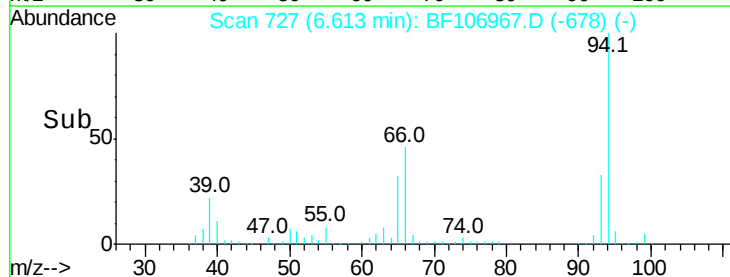
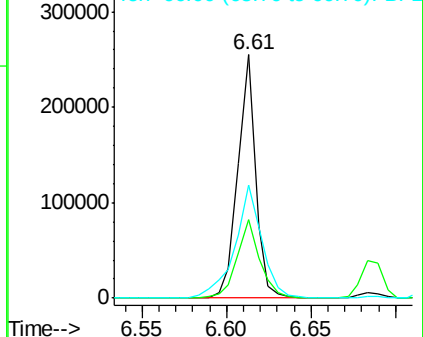
66 46.4 16.2 56.2



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

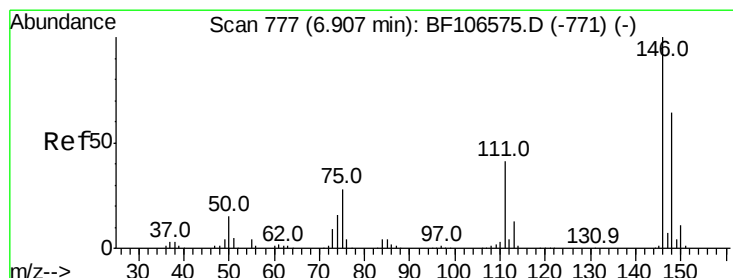
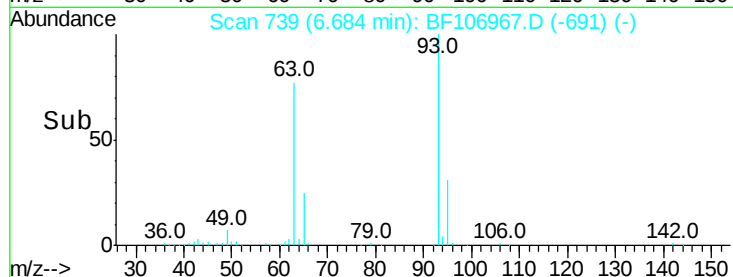
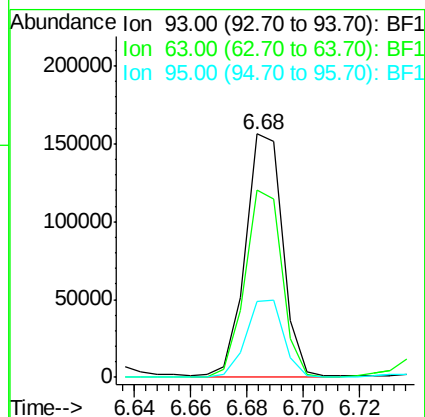
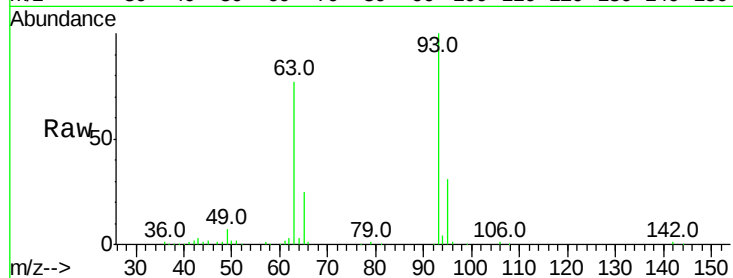




#11
bis(2-Chloroethyl)ether
Concen: 29.154 ng
RT: 6.68 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

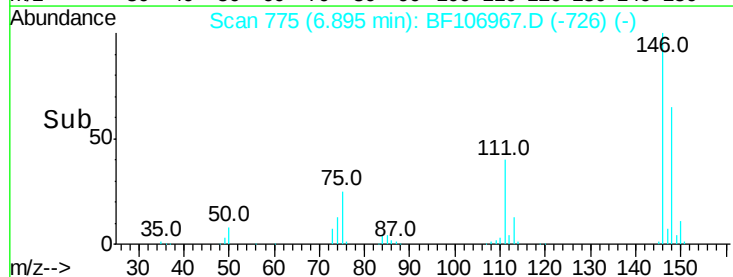
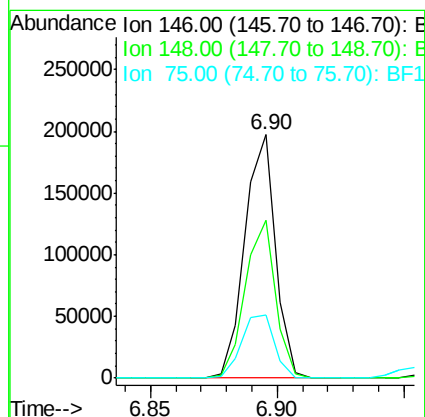
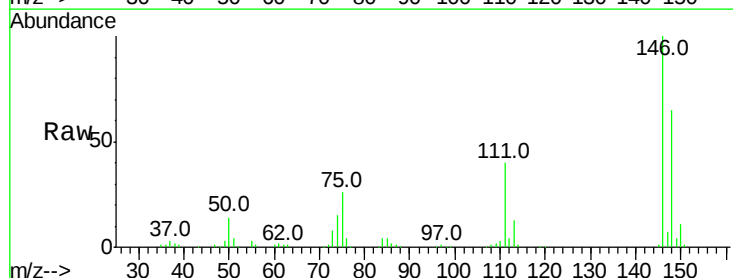
Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

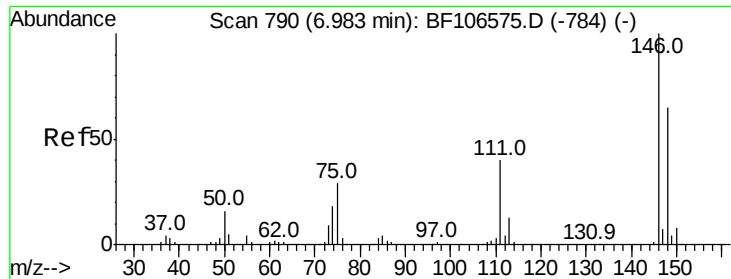
Tot Ion: 93 Resp: 144843
Ion Ratio Lower Upper
93 100
63 77.2 58.6 98.6
95 31.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 30.557 ng
RT: 6.90 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion: 146 Resp: 165757
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 26.1 24.2 36.4

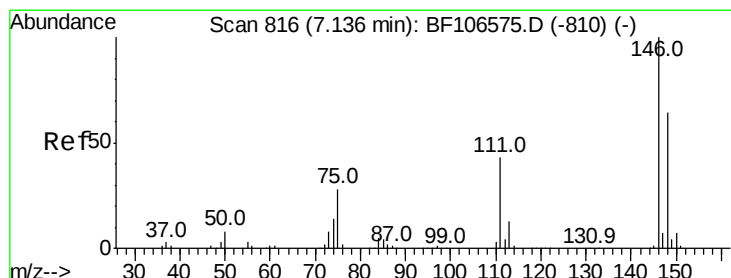
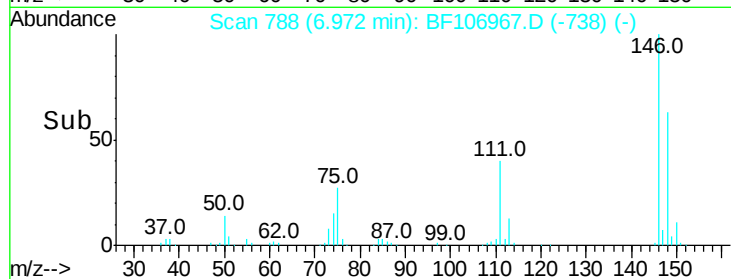
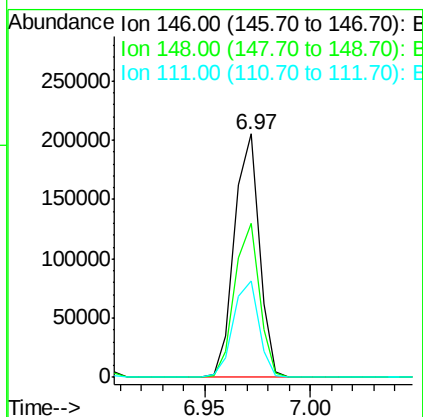
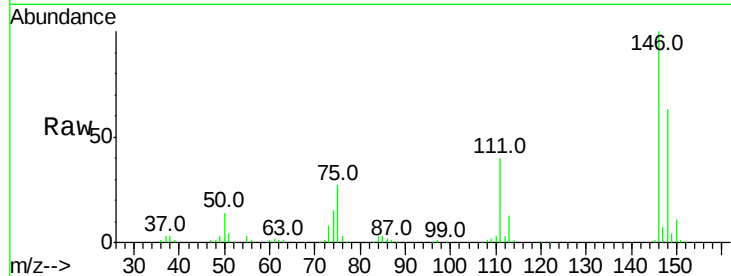




#13
 1,4-Dichlorobenzene
 Concen: 30.501 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

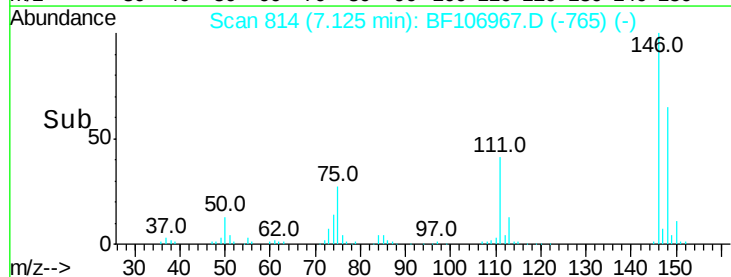
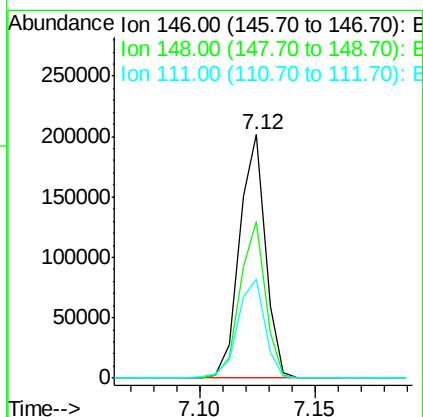
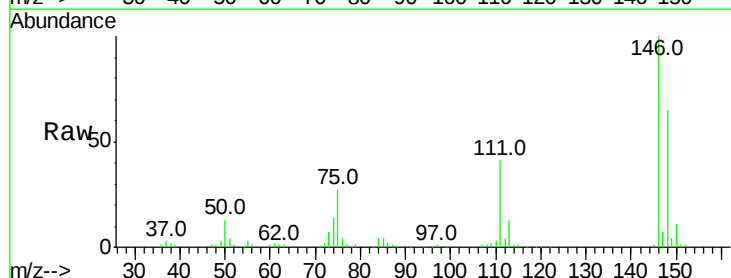
Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MS

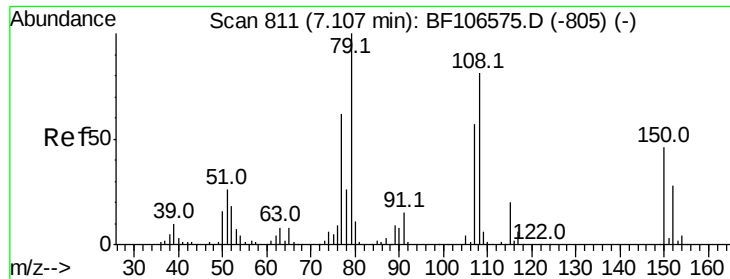
Tot Ion:146 Resp: 167276
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 39.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 31.410 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

Tgt Ion:146 Resp: 157870
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 40.7 36.0 54.0

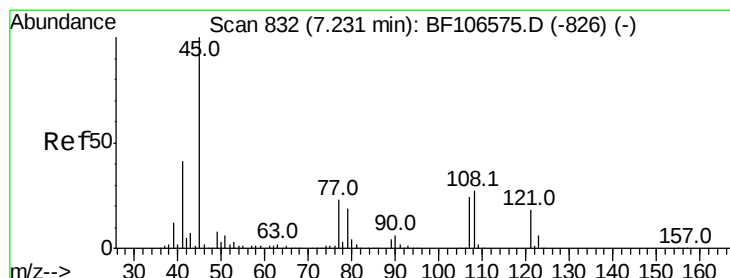
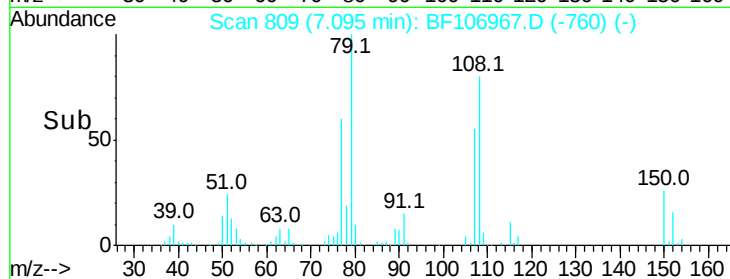
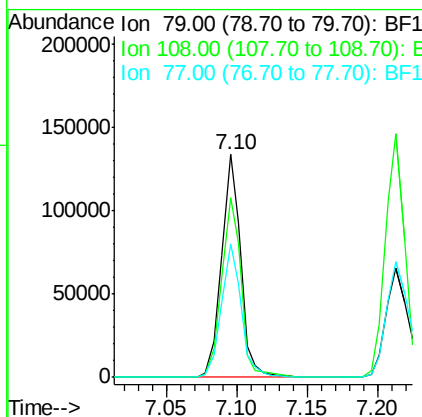
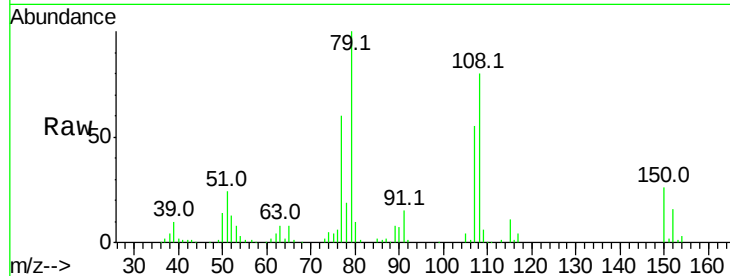




#15
Benzyl Alcohol
Concen: 29.857 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

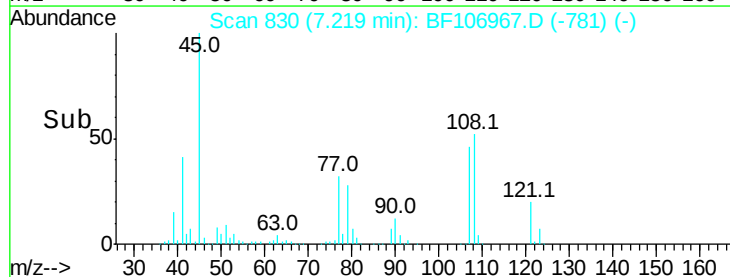
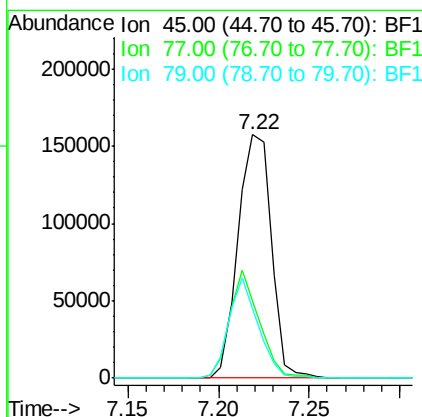
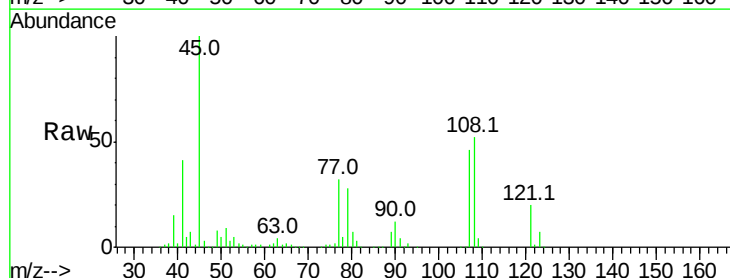
Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

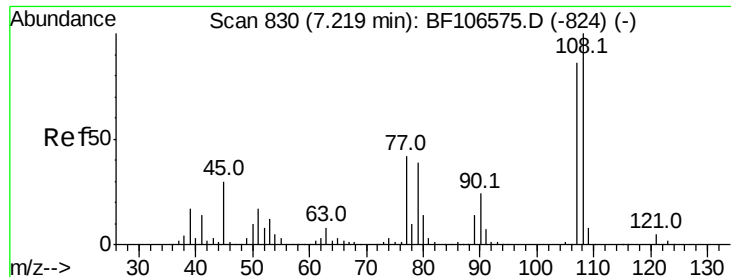
Tot Ion: 79 Resp: 126423
Ion Ratio Lower Upper
79 100
108 80.4 65.1 97.7
77 59.8 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.895 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion: 45 Resp: 201394
Ion Ratio Lower Upper
45 100
77 31.7 0.0 32.9
79 28.3 0.0 29.6





#17

2-Methylphenol

Concen: 31.615 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion:107 Resp: 125307

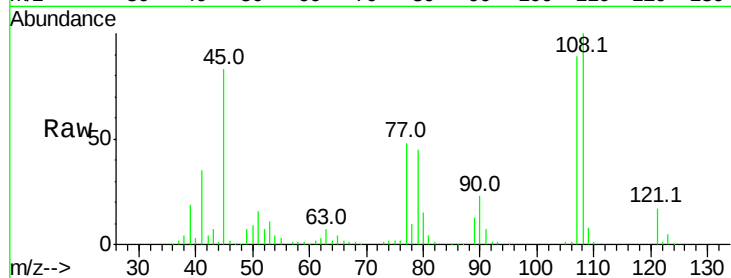
Ion Ratio Lower Upper

107 100

108 112.9 91.7 137.5

77 53.7 33.8 50.8#

79 50.4 33.8 50.8

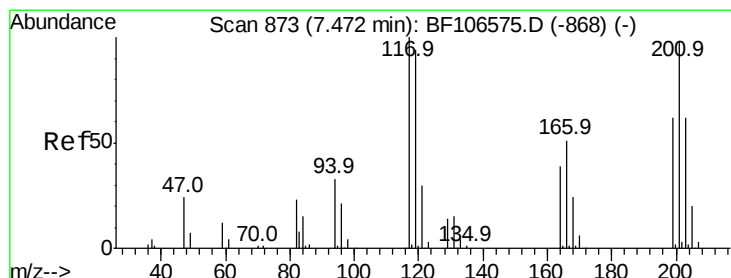
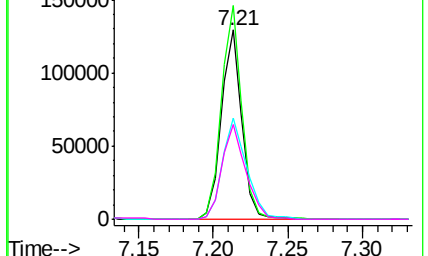
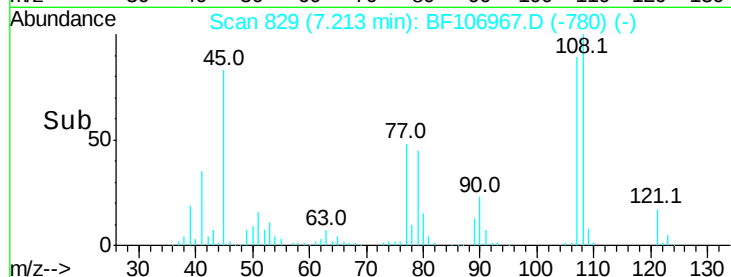


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.112 ng

RT: 7.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

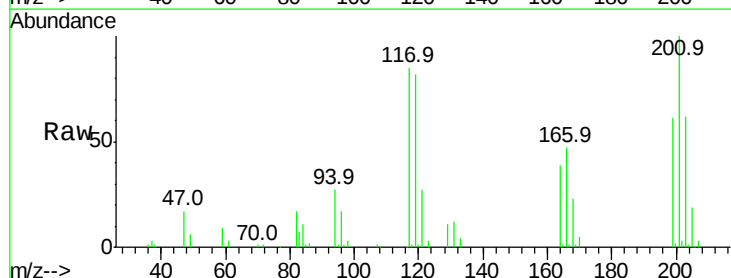
Tgt Ion:117 Resp: 56146

Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.8

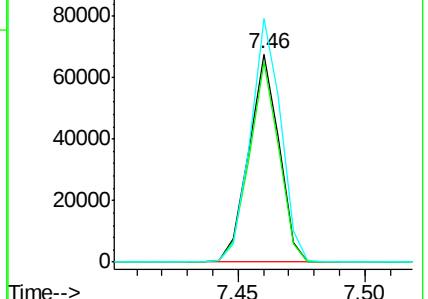
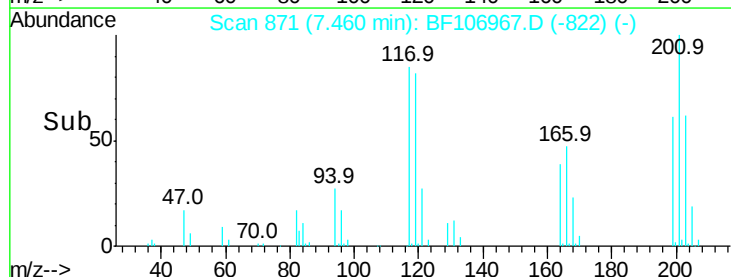
201 117.0 75.7 113.5#



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

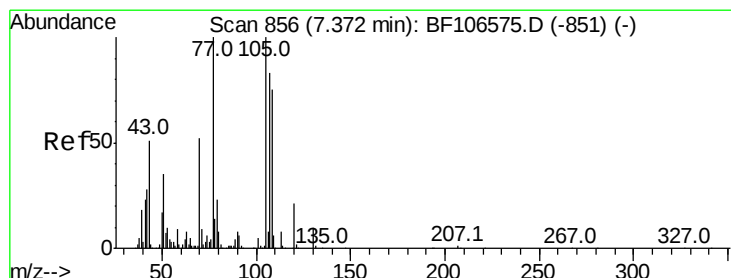
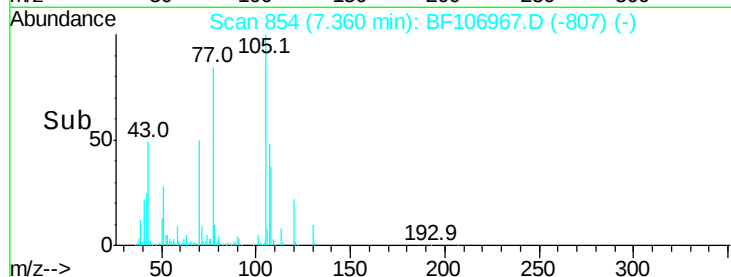
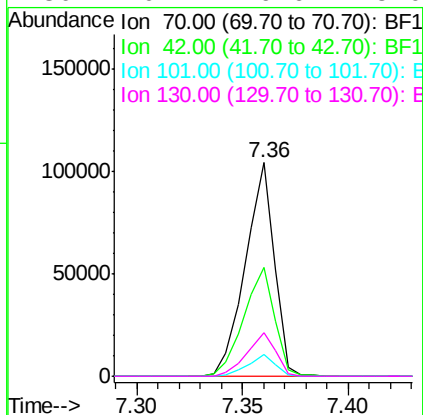
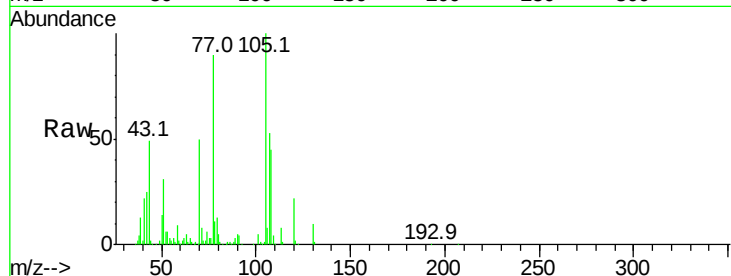




#19
n-Nitroso-di-n-propylamine
Concen: 28.652 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

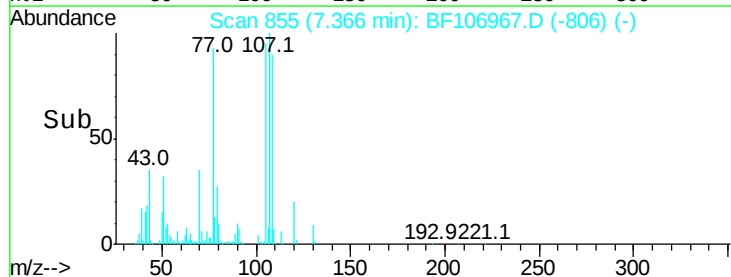
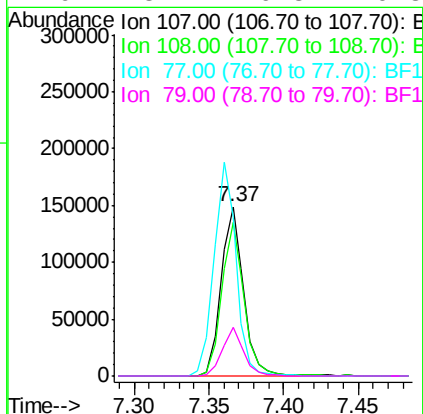
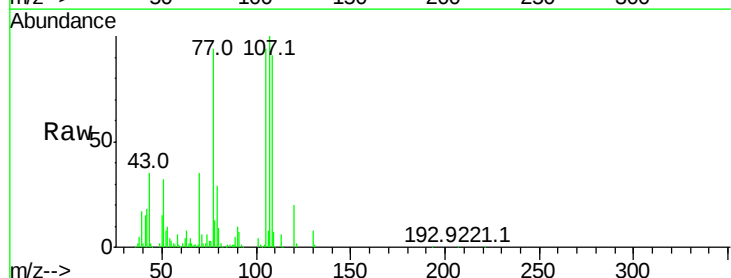
Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

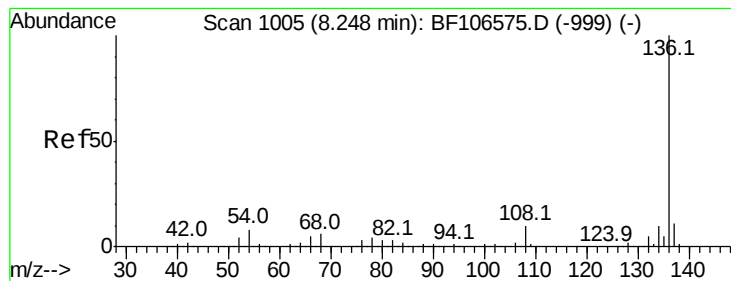
Tot Ion:	70	Resp:	99594
Ion	Ratio	Lower	Upper
70	100		
42	50.8	47.5	71.3
101	10.0	7.4	11.2
130	20.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.558 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion:	107	Resp:	157729
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.2	108.2
77	93.7	26.7	66.7#
79	28.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion:136 Resp: 279884

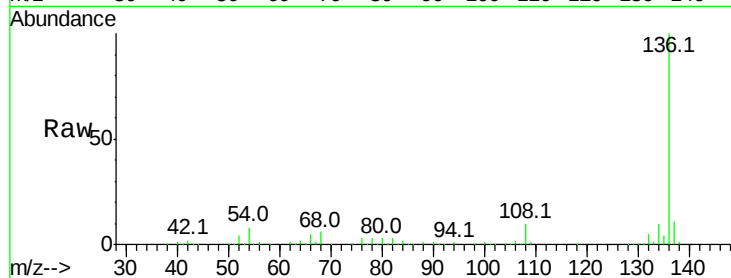
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.6 6.6 9.8

68 5.8 5.0 7.4

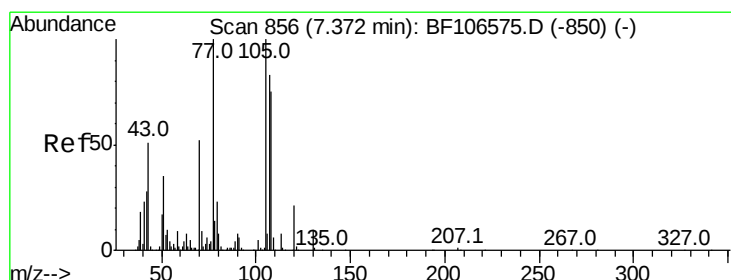
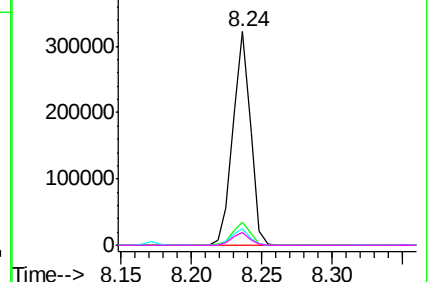
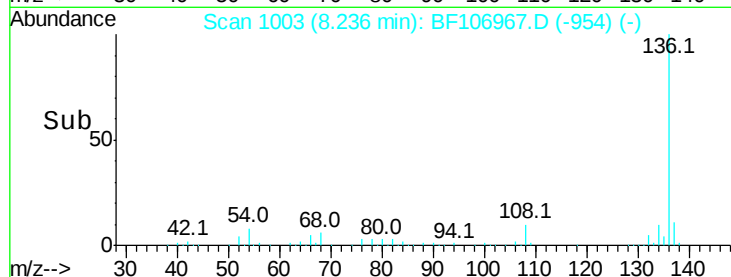


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.985 ng

RT: 7.36 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Tgt Ion:105 Resp: 200279

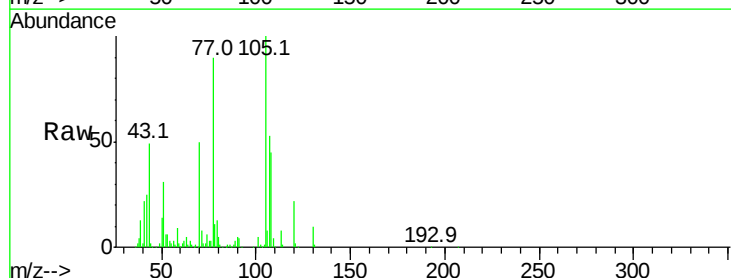
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 31.1 22.3 33.5

120 21.7 16.9 25.3

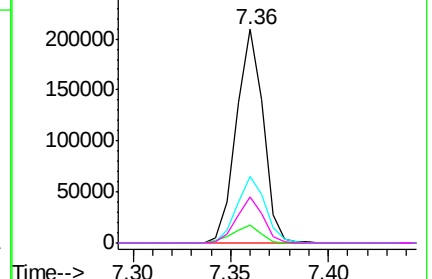
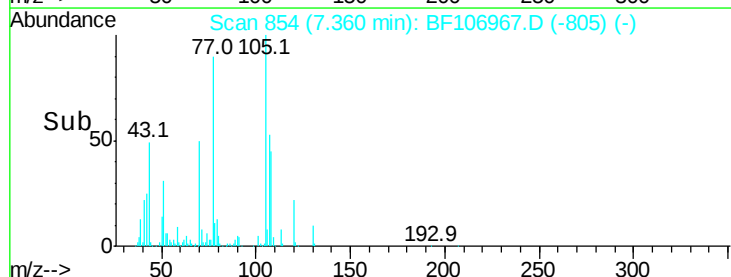


Abundance Ion 105.00 (104.70 to 105.70): E

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

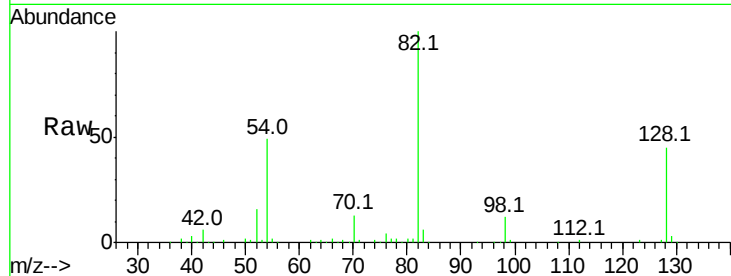




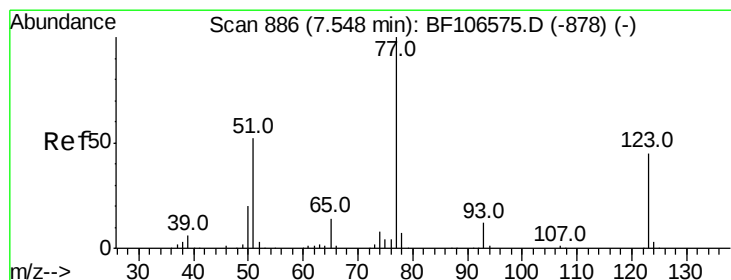
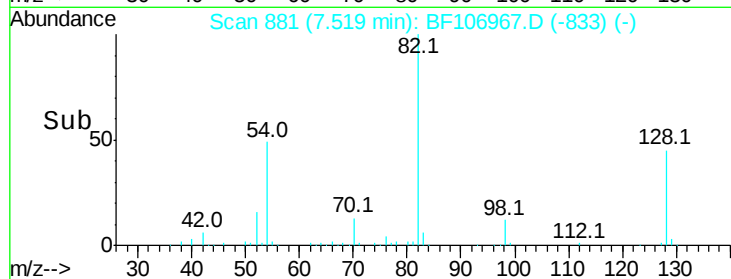
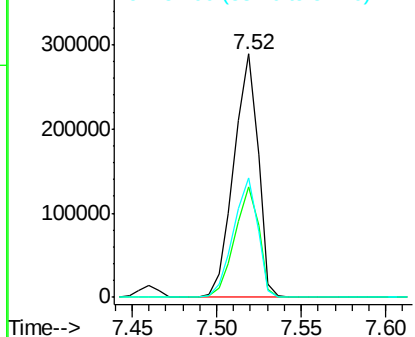
#23
Nitrobenzene-d5
Concen: 57.452 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	49.0	41.4	62.2

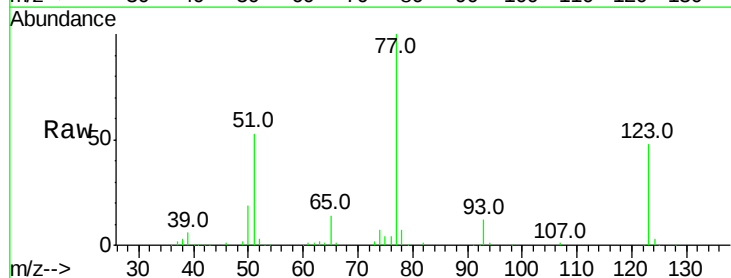


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

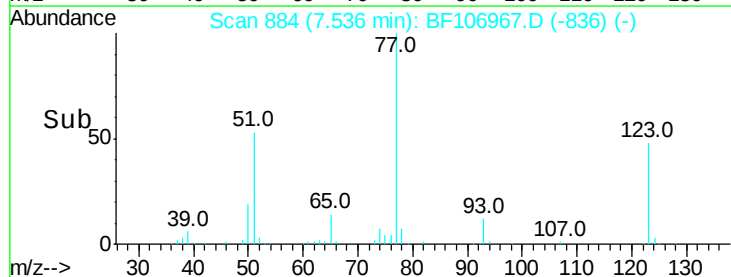
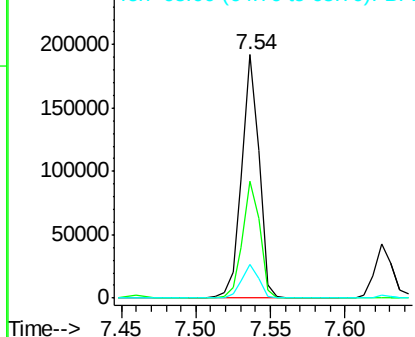


#24
Nitrobenzene
Concen: 30.438 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.9	56.9
65	13.6	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 31.922 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

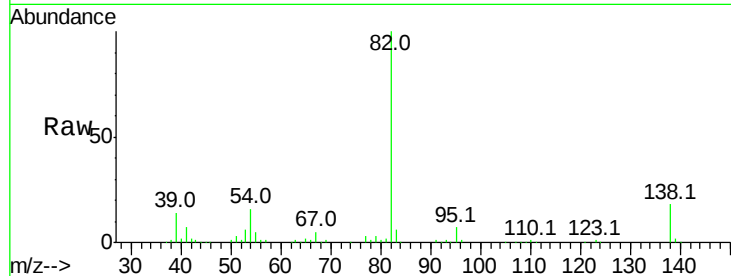
Tot Ion: 82 Resp: 283299

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

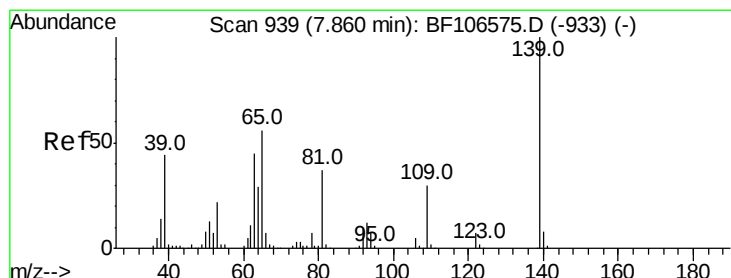
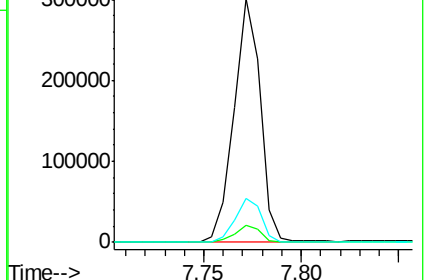
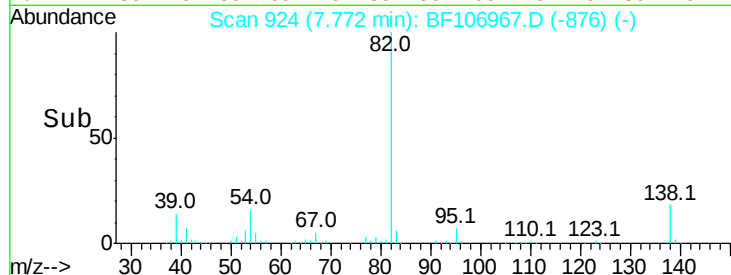
138 17.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 33.293 ng

RT: 7.85 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

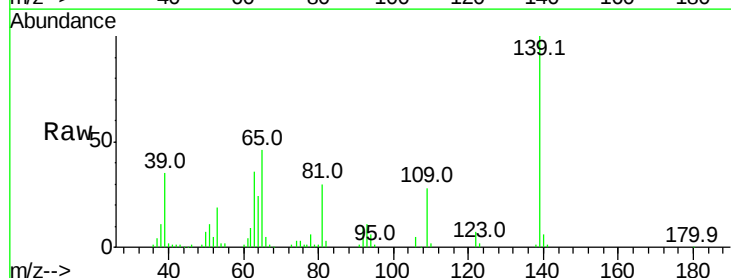
Tgt Ion: 139 Resp: 80813

Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

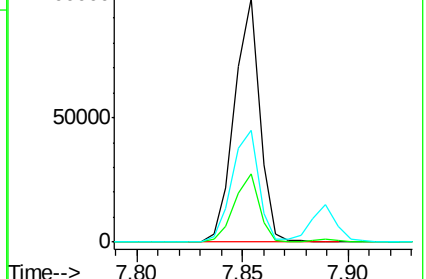
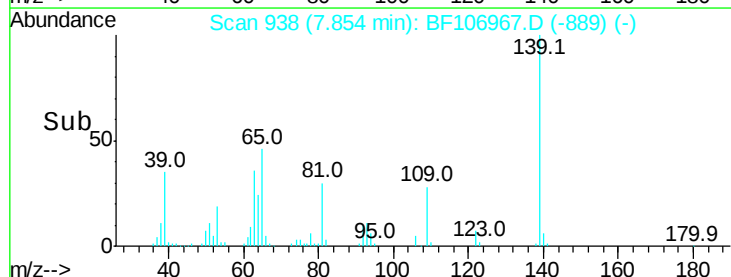
65 45.7 40.5 60.7

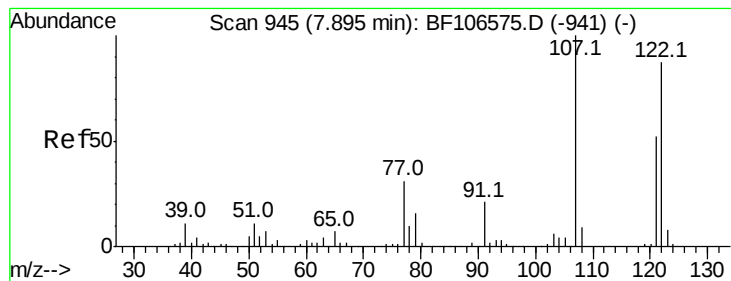


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.099 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

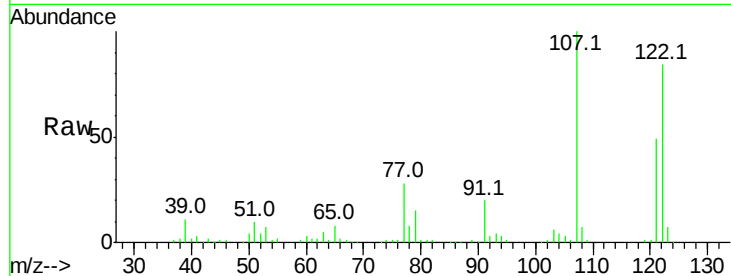
Tot Ion:122 Resp: 131682

Ion Ratio Lower Upper

122 100

107 118.5 91.2 136.8

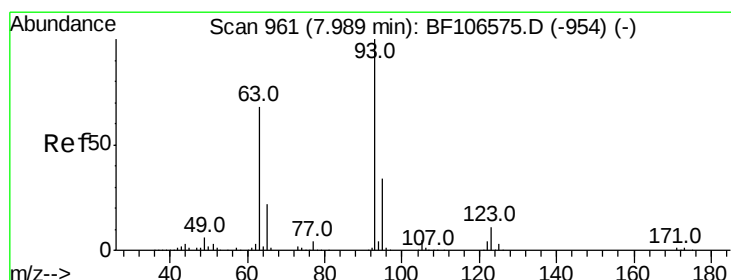
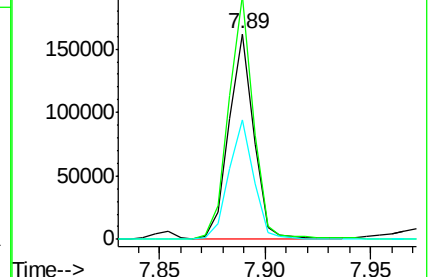
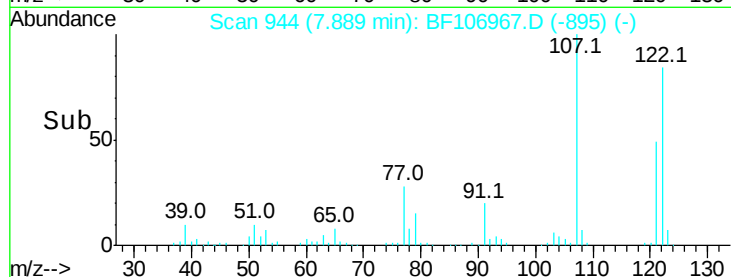
121 58.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 30.428 ng

RT: 7.98 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

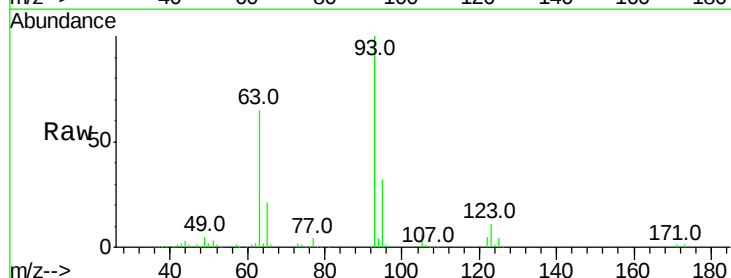
Tgt Ion: 93 Resp: 181313

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

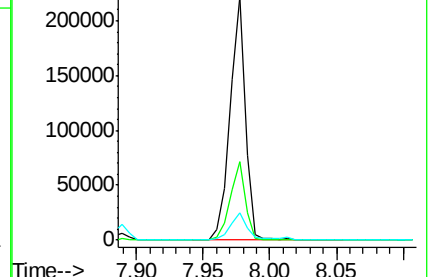
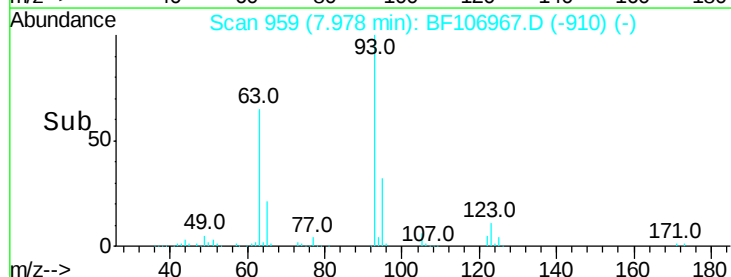
123 11.0 9.8 14.6

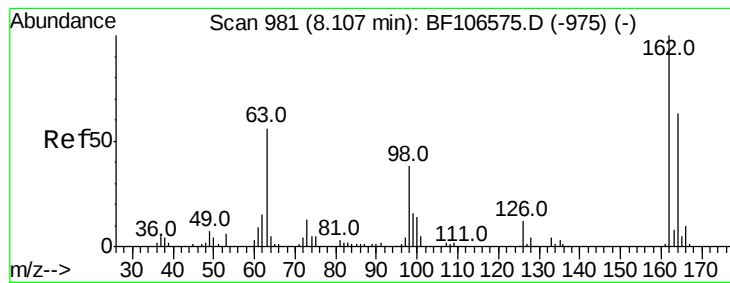


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 34.833 ng

RT: 8.10 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

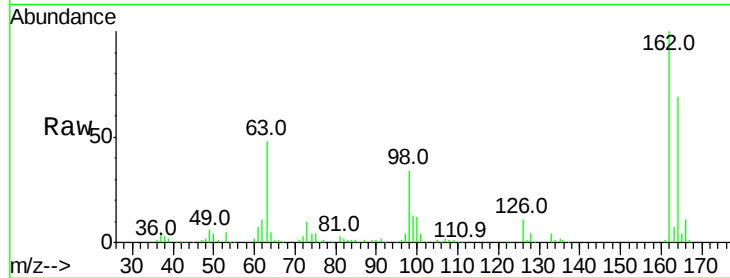
Tot Ion:162 Resp: 136818

Ion Ratio Lower Upper

162 100

164 68.7 42.7 82.7

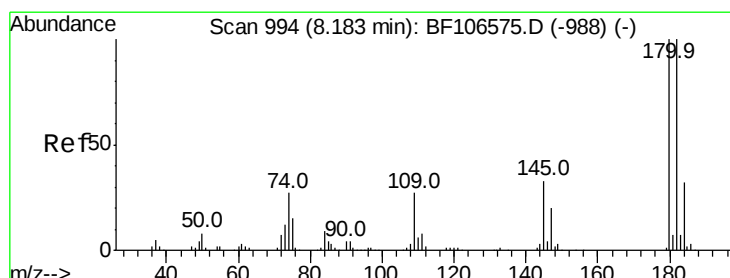
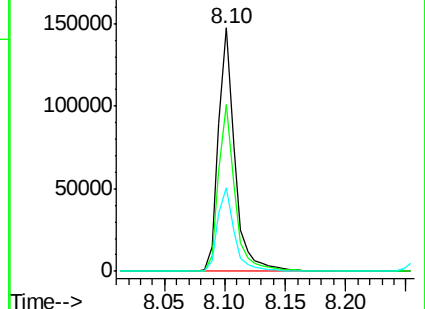
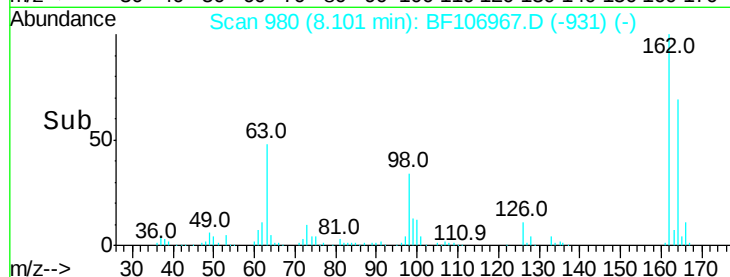
98 34.2 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 33.906 ng

RT: 8.18 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

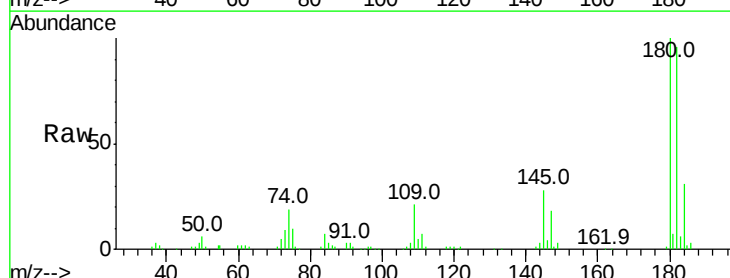
Tgt Ion:180 Resp: 146711

Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

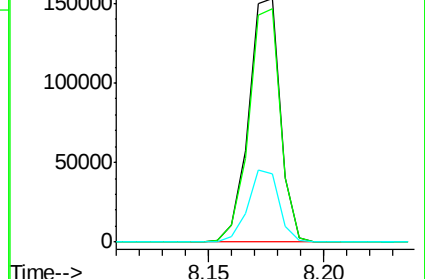
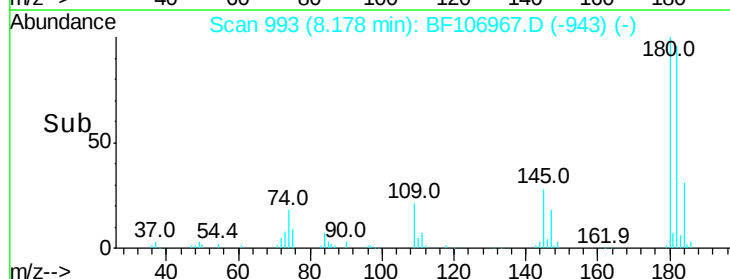
145 28.2 26.5 39.7

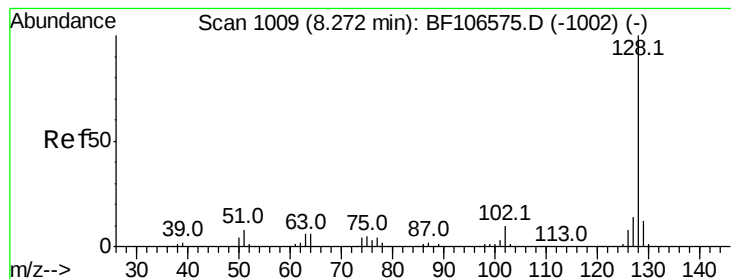


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.453 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

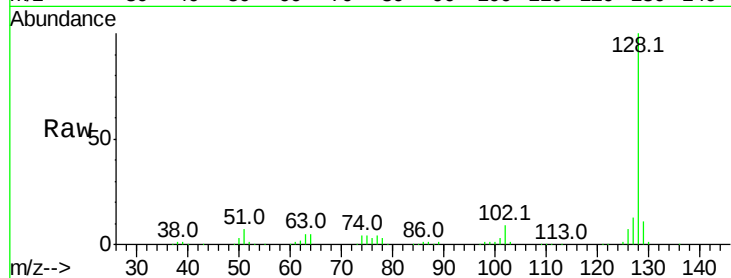
Tot Ion:128 Resp: 424666

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

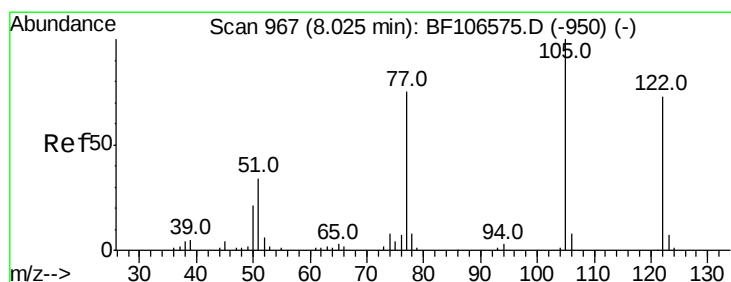
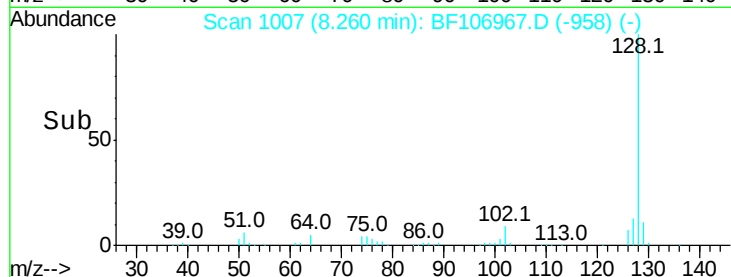
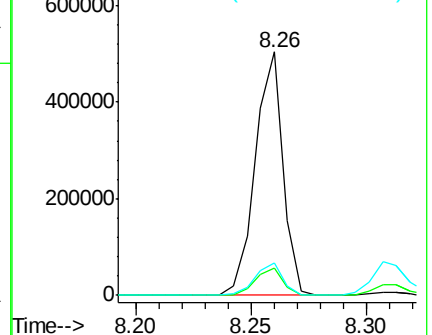
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.668 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

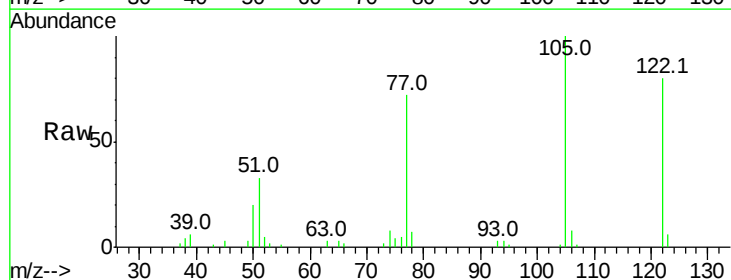
Tgt Ion:122 Resp: 61785

Ion Ratio Lower Upper

122 100

105 125.0 101.1 141.1

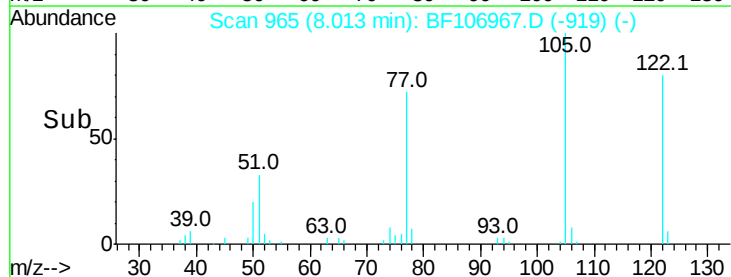
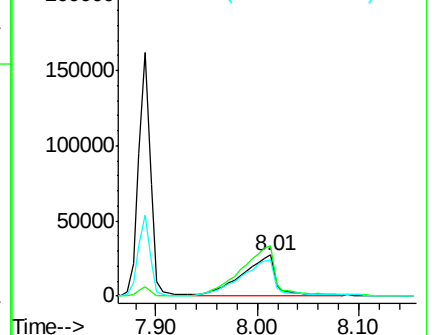
77 90.3 70.7 110.7



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

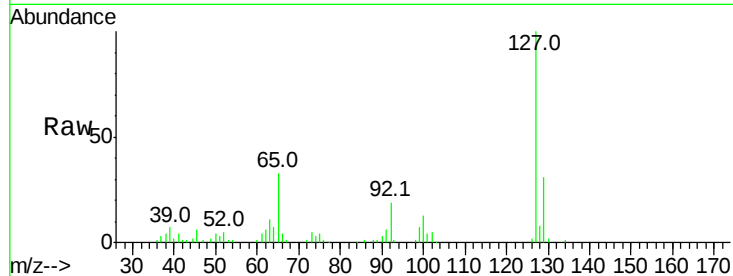




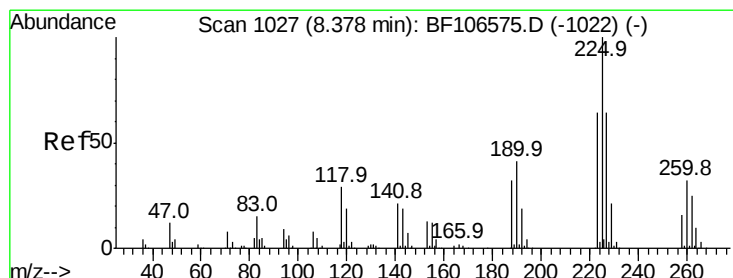
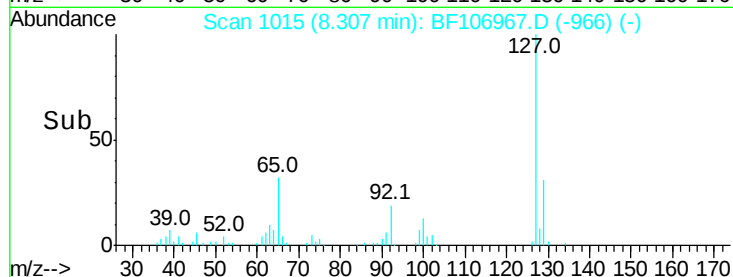
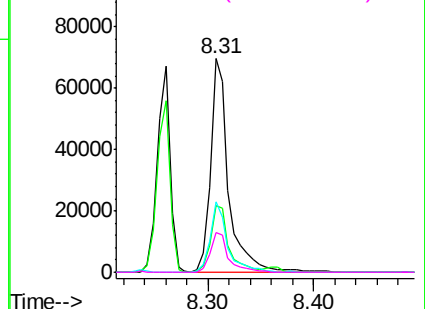
#33
4-Chloroaniline
Concen: 15.146 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion:	127	Resp:	83158
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	32.9	25.0	37.4
92	18.7	15.2	22.8

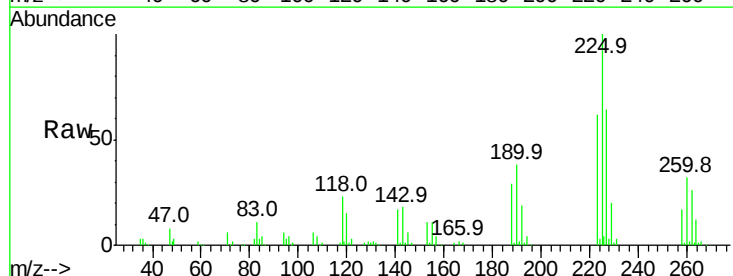


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

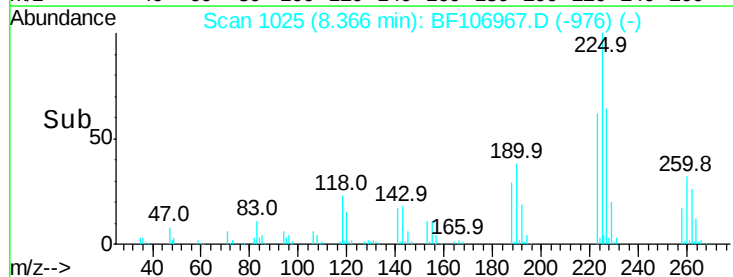
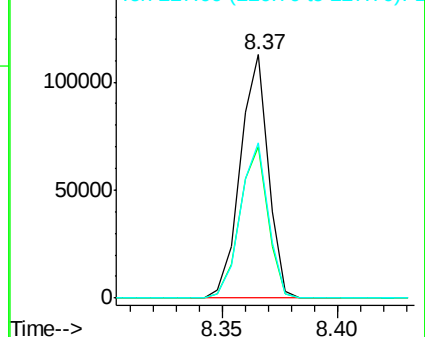


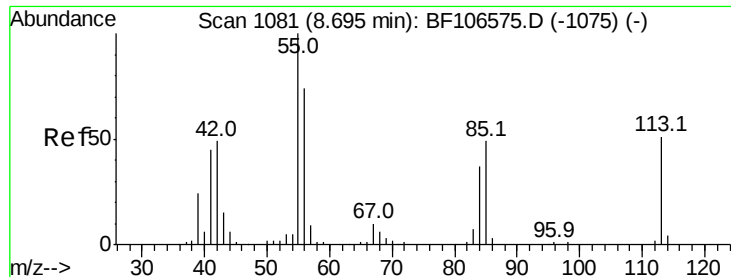
#34
Hexachlorobutadiene
Concen: 33.818 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion:	225	Resp:	95347
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	63.6	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: 31.548 ng

RT: 8.68 min Scan# 1078

Delta R.T. -0.04 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

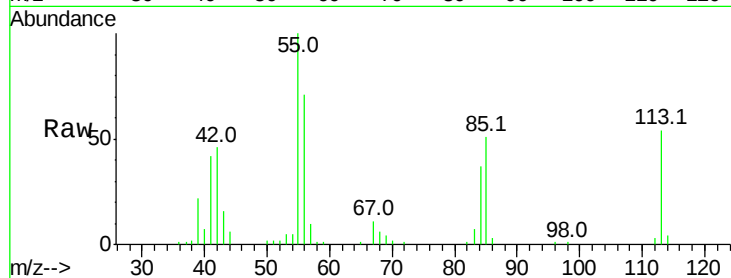
Tot Ion:113 Resp: 40393

Ion Ratio Lower Upper

113 100

55 184.5 163.3 203.3

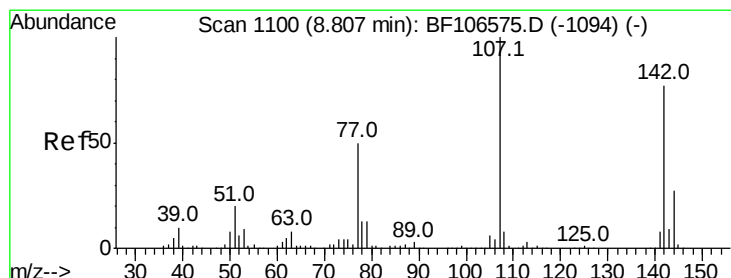
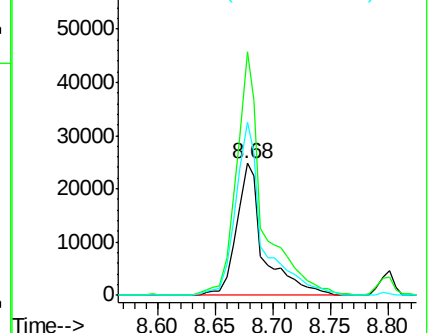
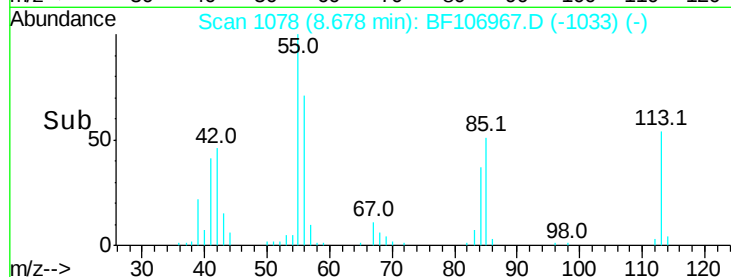
56 130.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 33.473 ng

RT: 8.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

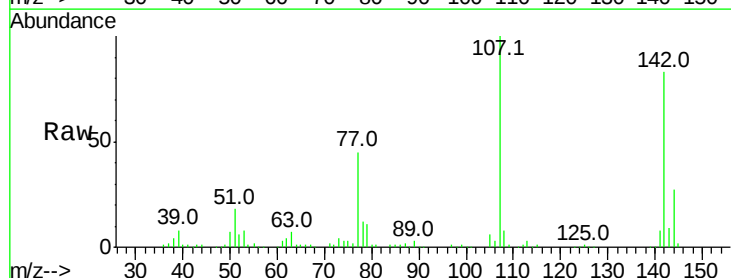
Tgt Ion:107 Resp: 138389

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

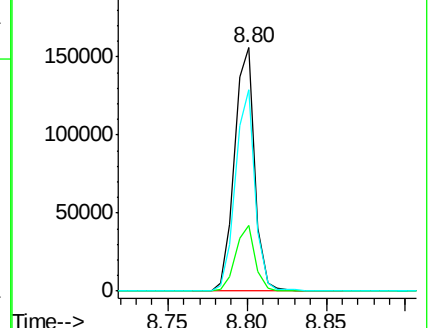
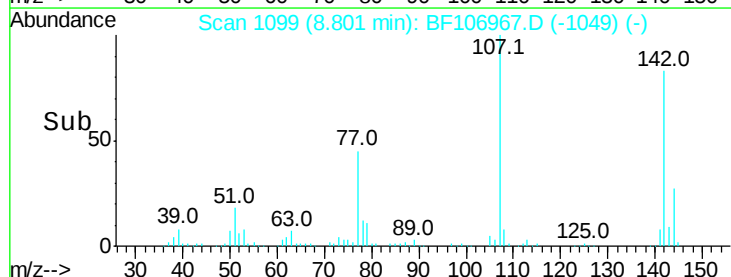
142 83.0 62.0 93.0

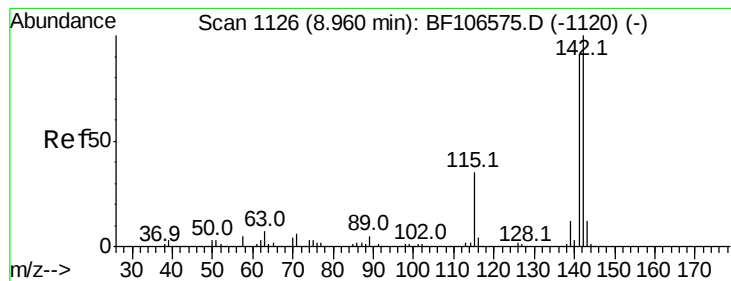


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.450 ng

RT: 8.95 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

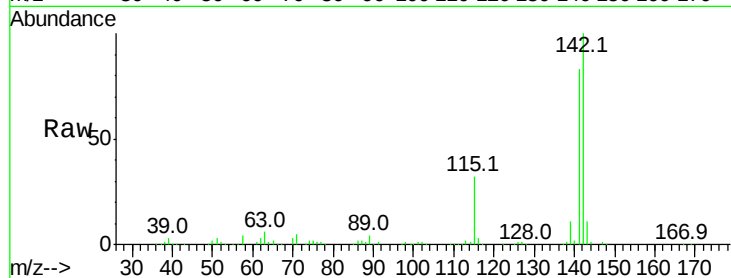
Tot Ion:142 Resp: 316140

Ion Ratio Lower Upper

142 100

141 82.9 70.8 106.2

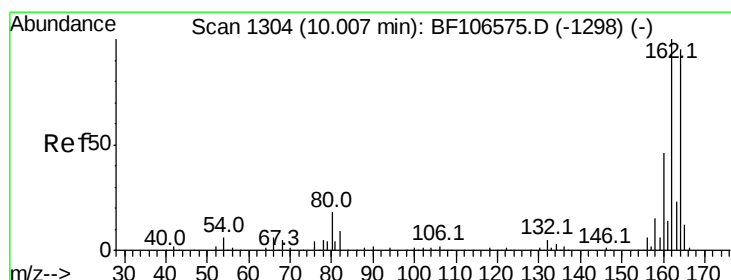
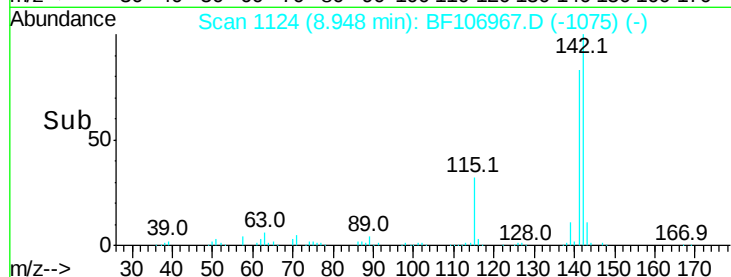
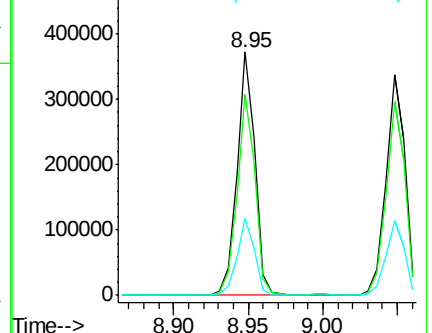
115 31.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

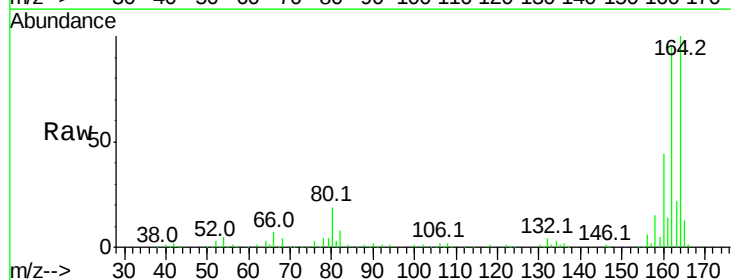
Tgt Ion:164 Resp: 144697

Ion Ratio Lower Upper

164 100

162 95.0 86.1 129.1

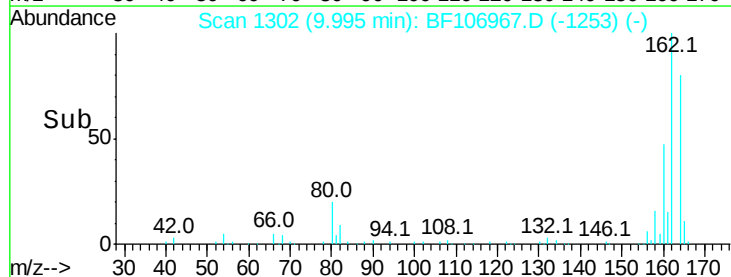
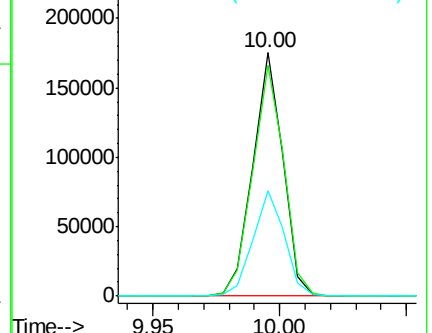
160 43.5 38.3 57.5

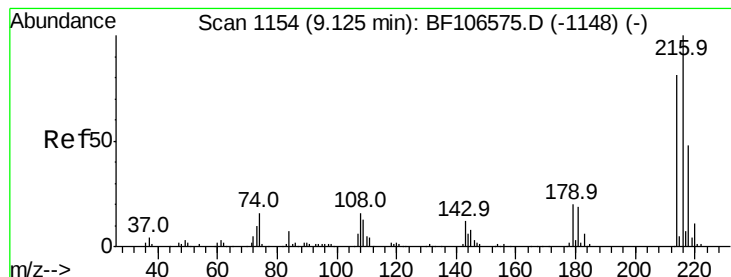


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.844 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

Tot Ion:216 Resp: 164922

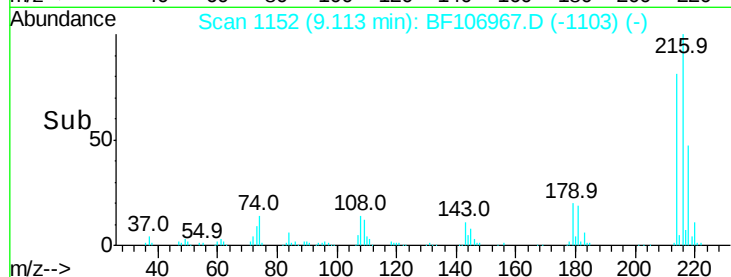
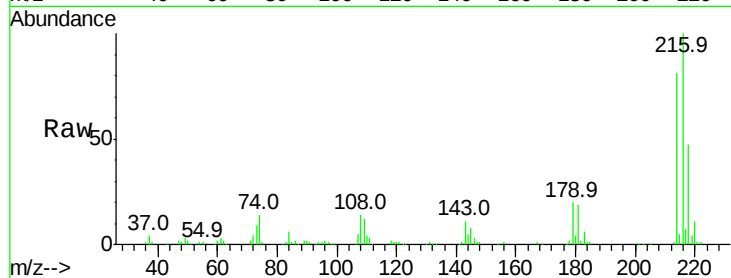
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 19.7 18.1 27.1

108 14.5 17.2 25.8#

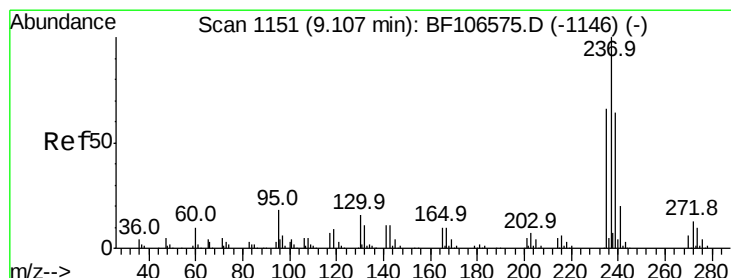
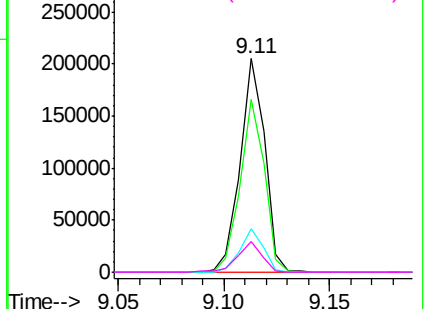


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 18.609 ng

RT: 9.10 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

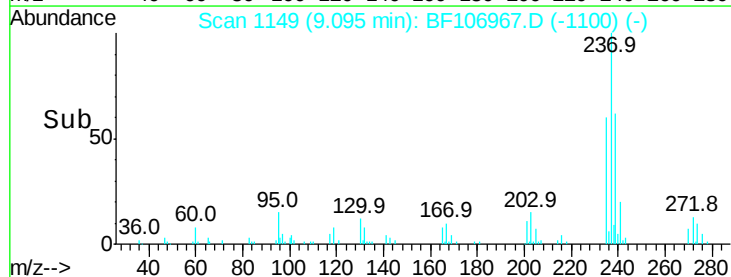
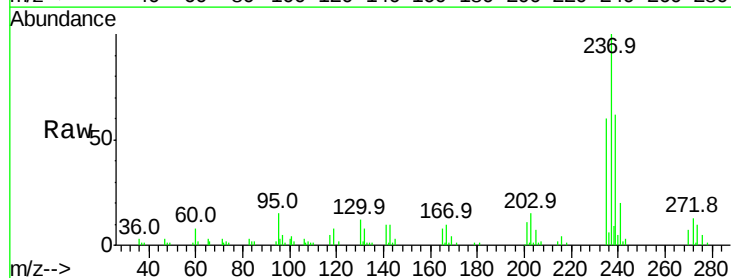
Tgt Ion:237 Resp: 46656

Ion Ratio Lower Upper

237 100

235 60.5 44.8 84.8

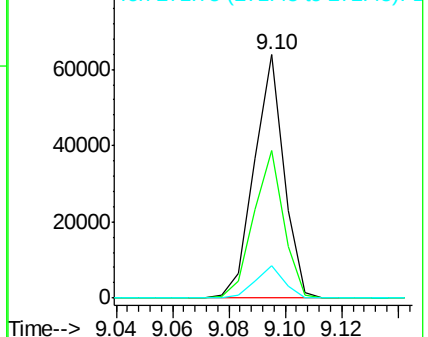
272 13.5 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

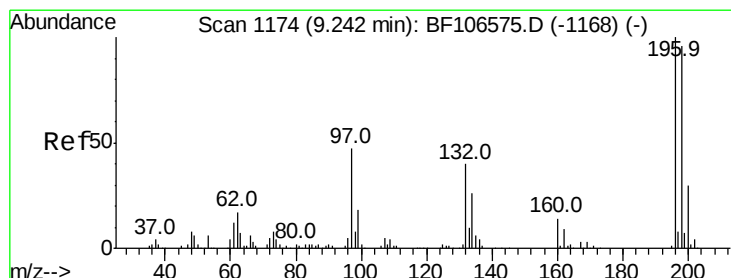
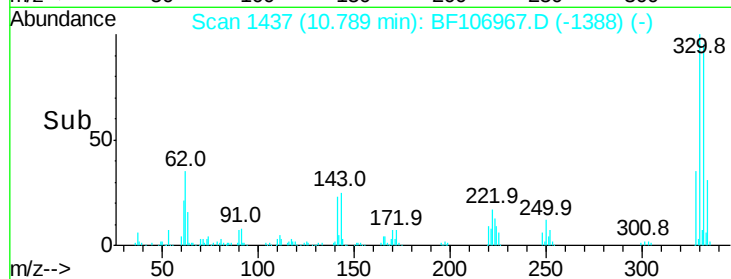
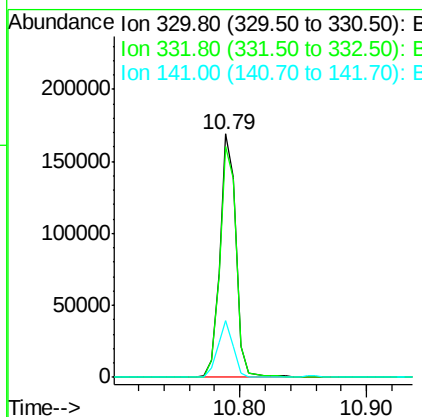
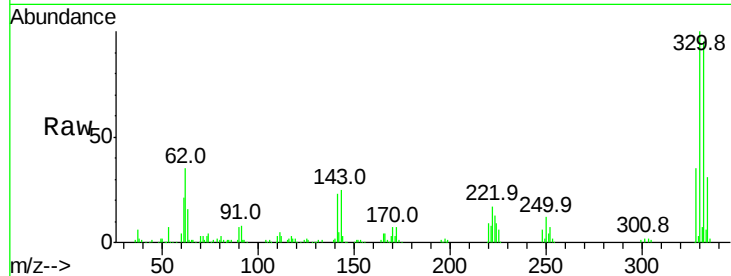




#41
 2,4,6-Tribromophenol
 Concen: 90.159 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

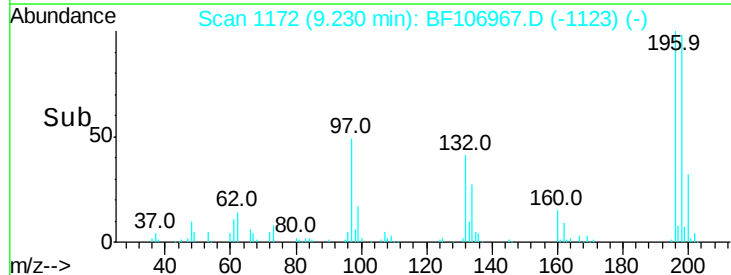
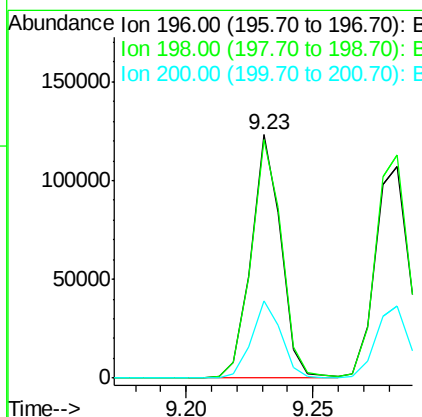
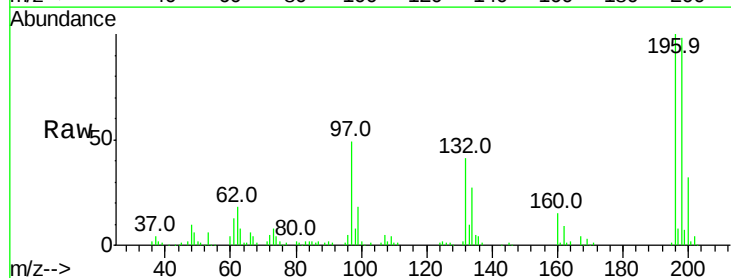
Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	22.8	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 31.247 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	75.7	113.5
200	31.6	24.5	36.7

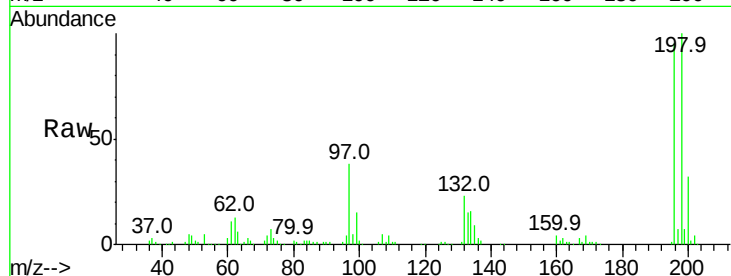




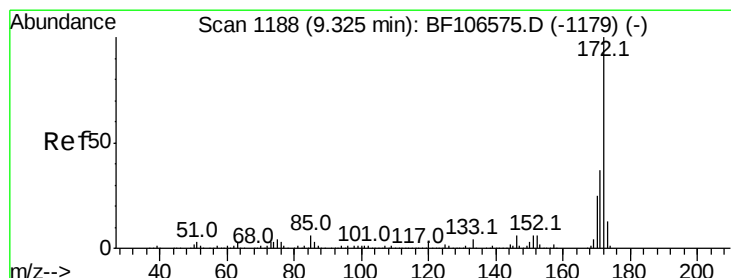
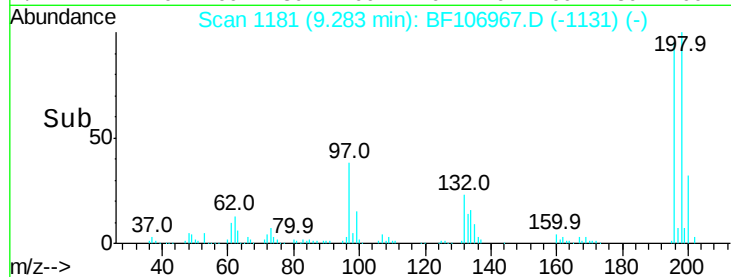
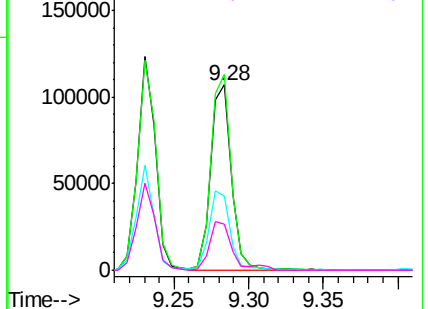
#43
 2,4,5-Trichlorophenol
 Concen: 30.609 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion:	196	Resp:	103458
Ion	Ratio	Lower	Upper
196	100		
198	105.8	74.6	112.0
97	39.8	42.9	64.3#
132	24.6	26.3	39.5#



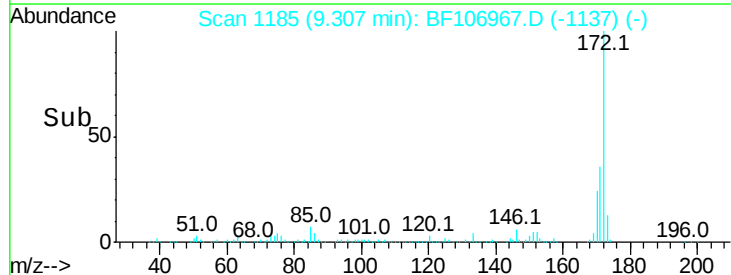
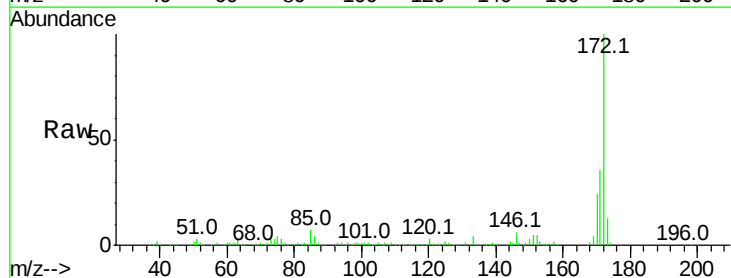
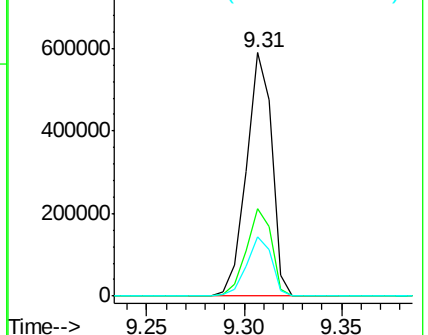
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

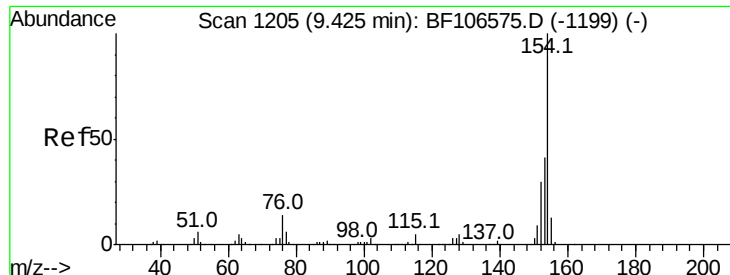


#44
 2-Fluorobiphenyl
 Concen: 57.612 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

Tgt Ion:	172	Resp:	533140
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.4	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 32.958 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

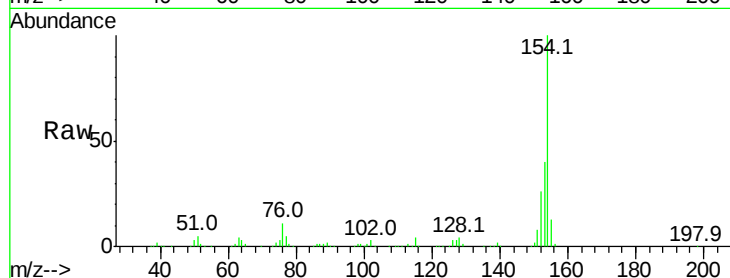
Tot Ion:154 Resp: 380060

Ion Ratio Lower Upper

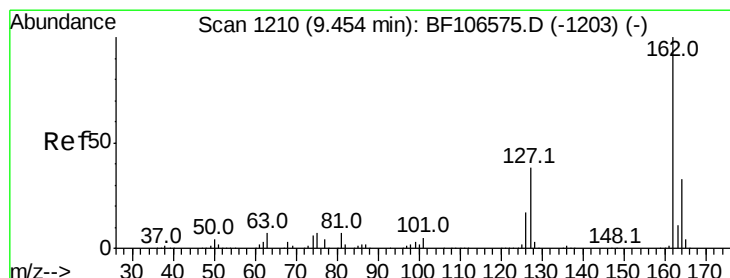
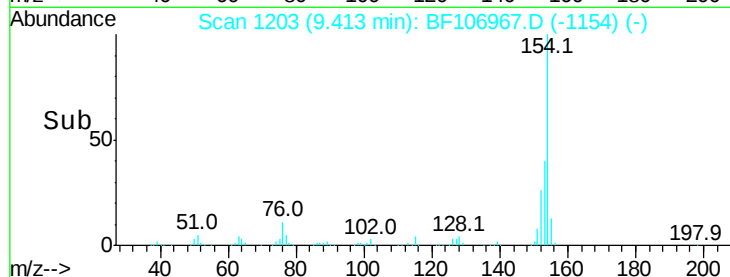
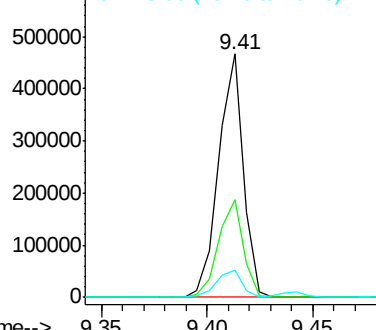
154 100

153 40.3 21.3 61.3

76 11.0 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 30.494 ng

RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

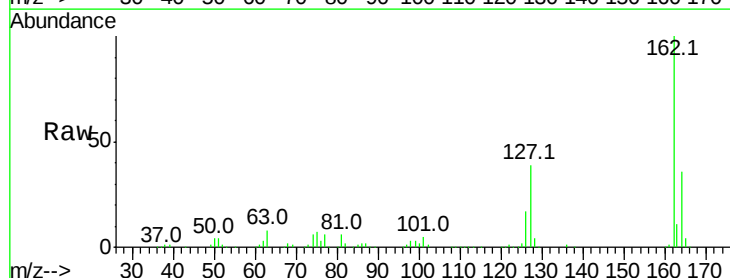
Tgt Ion:162 Resp: 276794

Ion Ratio Lower Upper

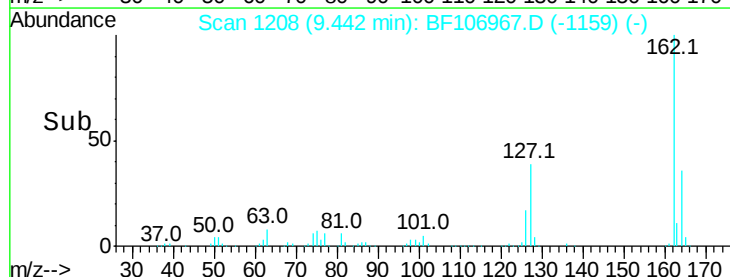
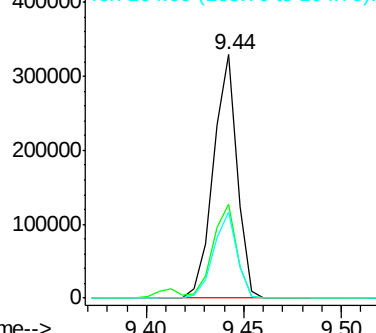
162 100

127 38.6 33.9 50.9

164 35.6 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

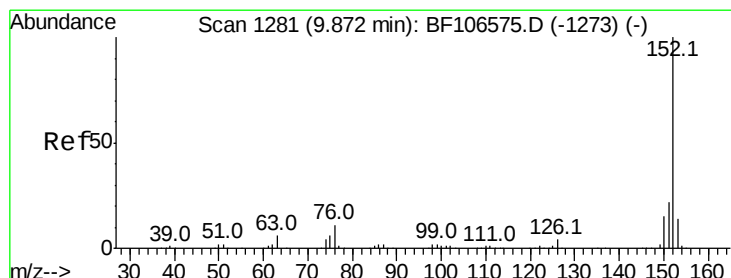
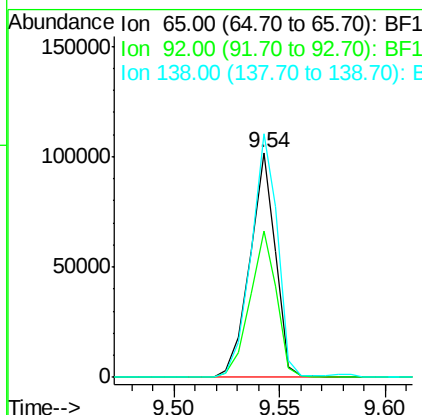
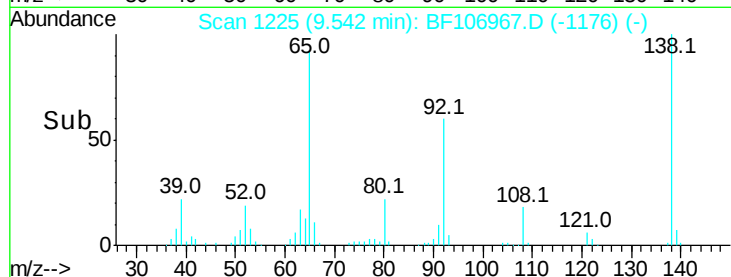
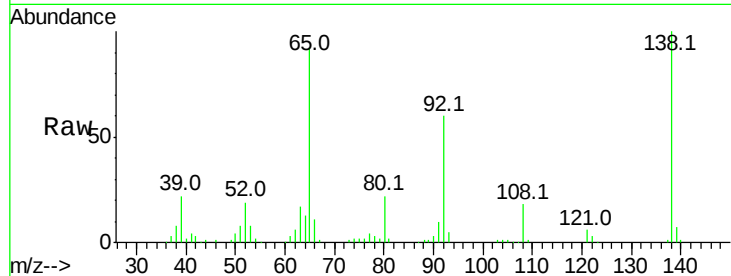




#47
2-Nitroaniline
Concen: 28.126 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

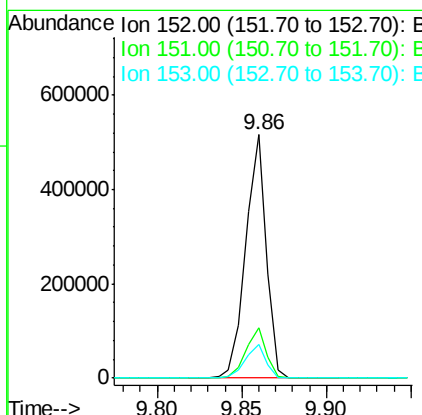
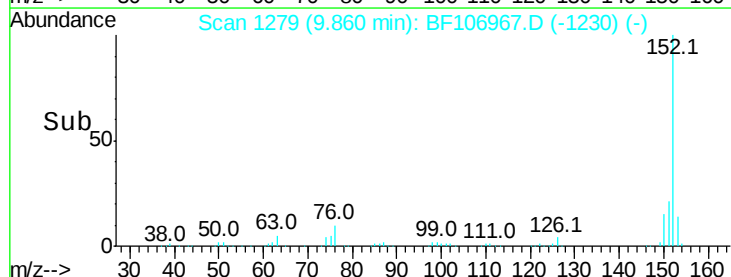
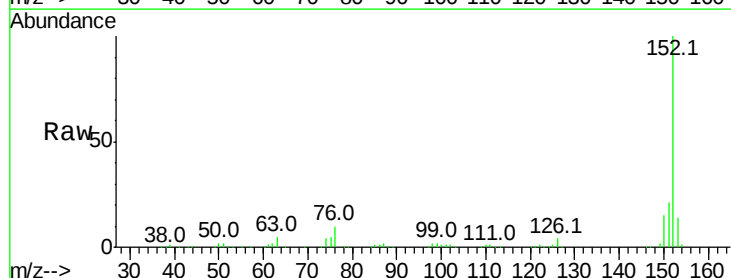
Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion: 65 Resp: 85850
Ion Ratio Lower Upper
65 100
92 65.2 55.8 83.6
138 108.4 91.2 136.8



#48
Acenaphthylene
Concen: 30.597 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion: 152 Resp: 438477
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.1 10.7 16.1

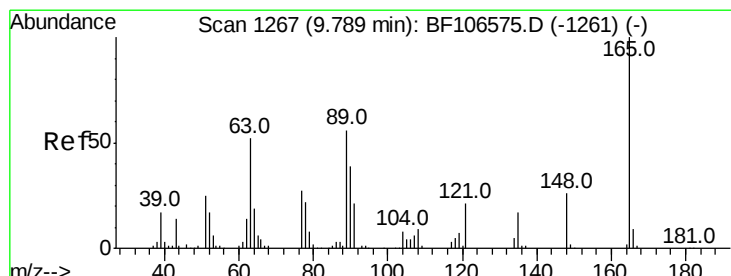
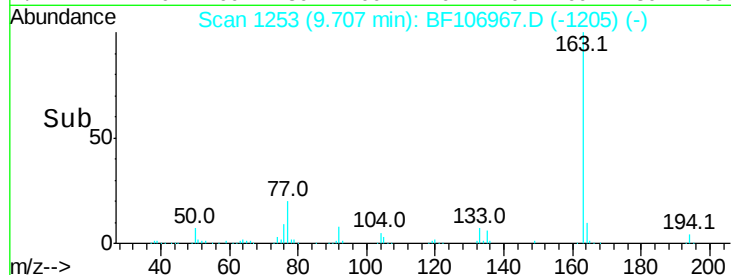
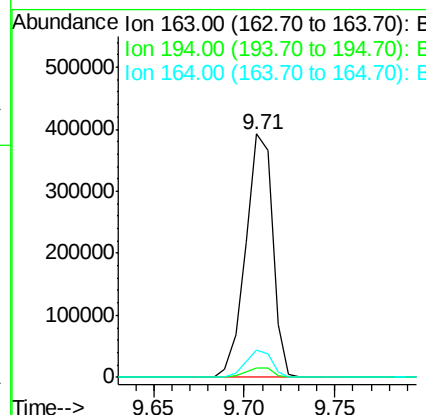
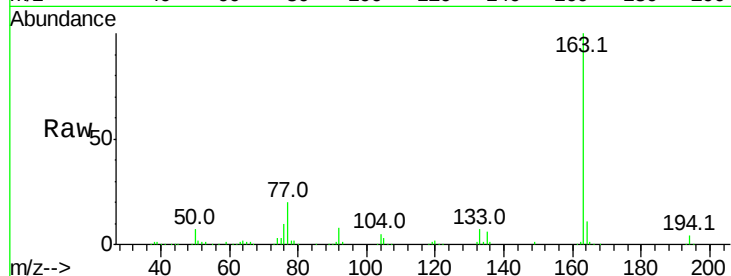




#49
Dimethylphthalate
Concen: 37.380 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

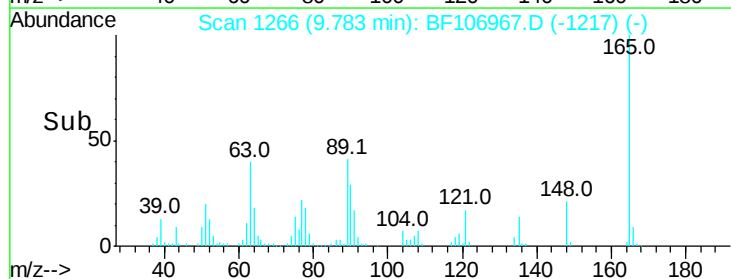
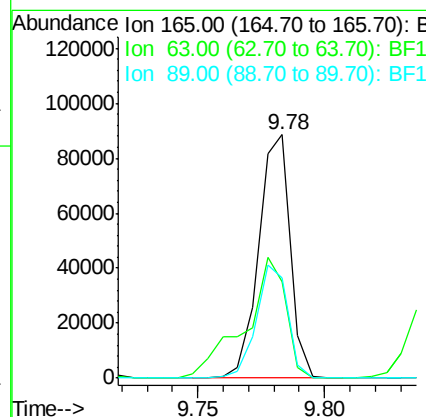
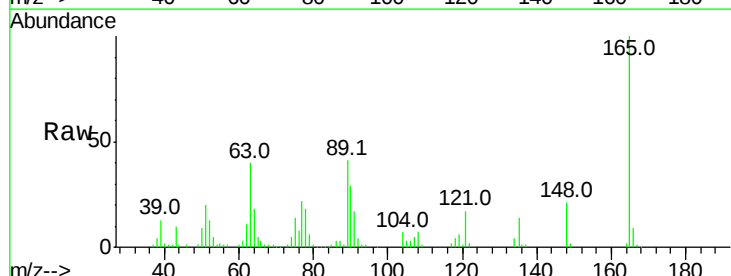
Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

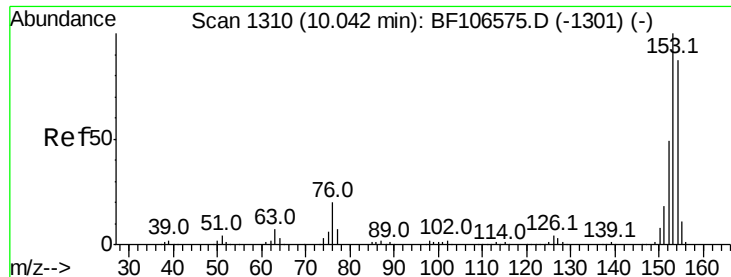
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.3	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 33.221 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.5	44.7	67.1#
89	41.4	44.0	66.0#





#51

Acenaphthene

Concen: 29.645 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

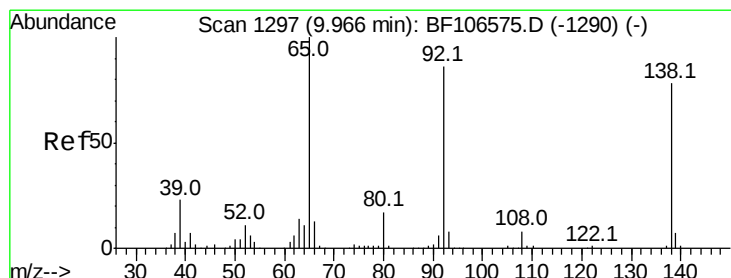
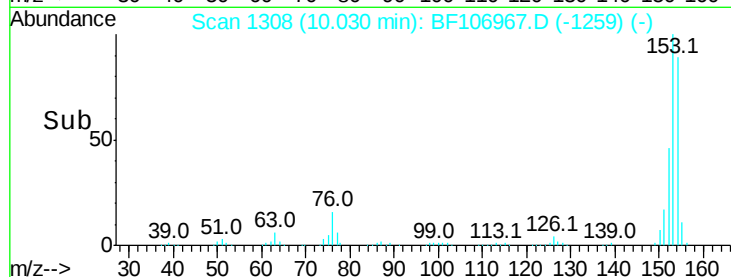
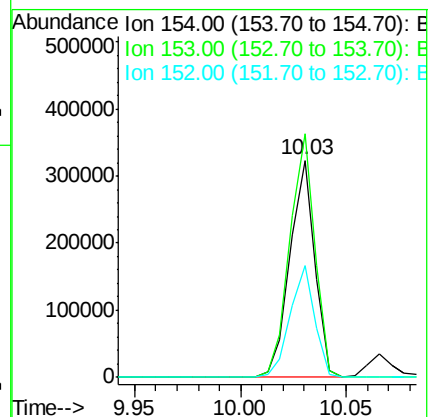
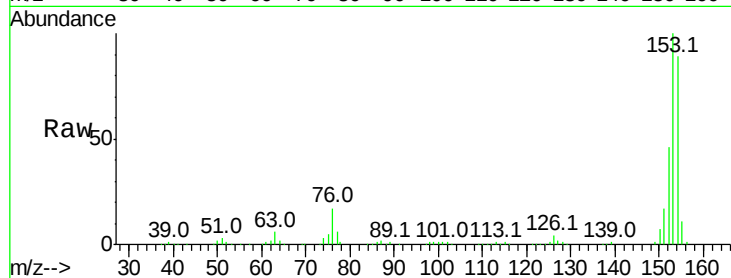
Tot Ion:154 Resp: 267521

Ion Ratio Lower Upper

154 100

153 112.0 91.2 136.8

152 51.2 43.8 65.8



#52

3-Nitroaniline

Concen: 20.827 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

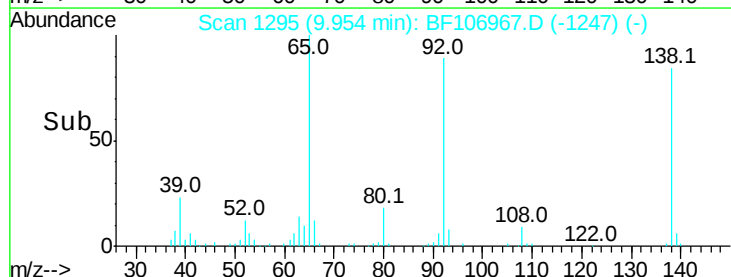
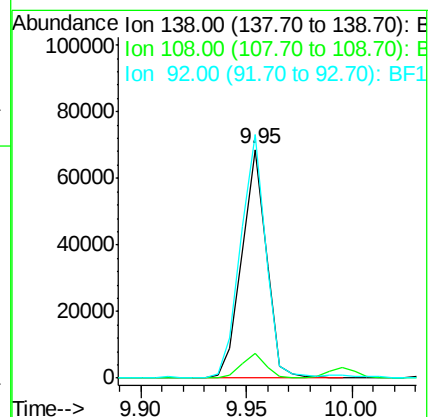
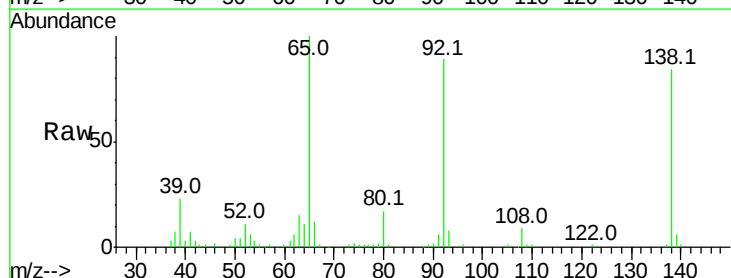
Tgt Ion:138 Resp: 55077

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

92 106.6 89.4 134.2

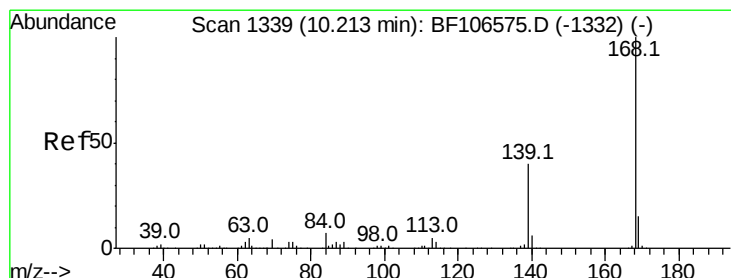
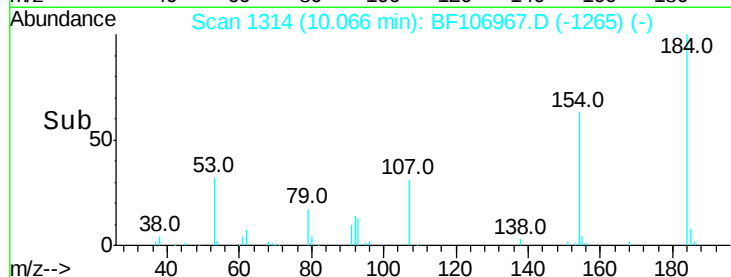
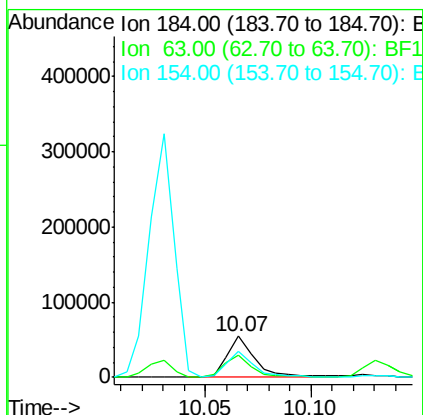
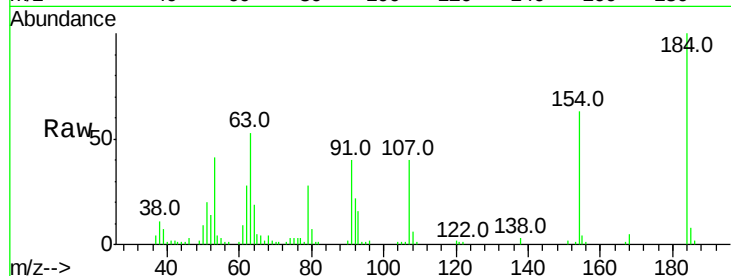




#53
2,4-Dinitrophenol
Concen: 44.607 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

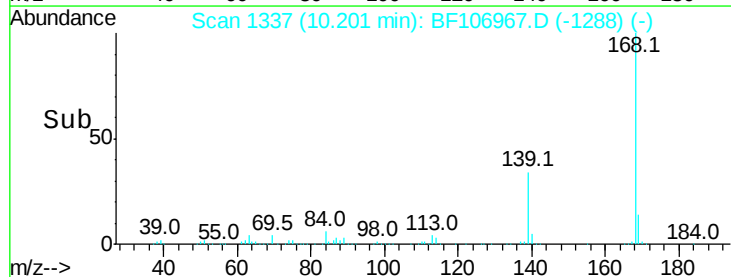
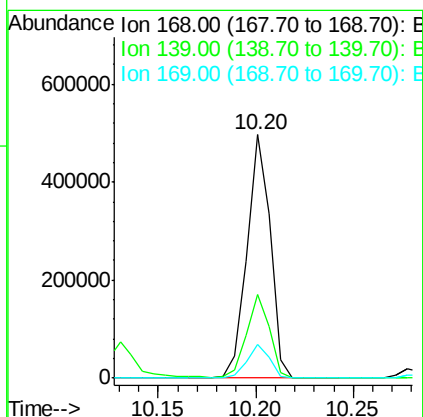
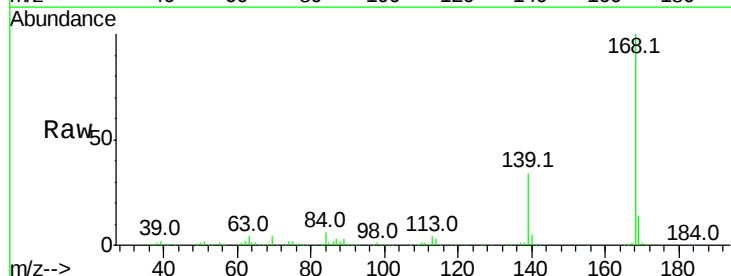
Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion:184 Resp: 50265
Ion Ratio Lower Upper
184 100
63 53.4 54.2 81.2#
154 62.6 184.0 276.0#



#54
Dibenzofuran
Concen: 33.180 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion:168 Resp: 410003
Ion Ratio Lower Upper
168 100
139 34.4 30.1 45.1
169 13.7 10.9 16.3

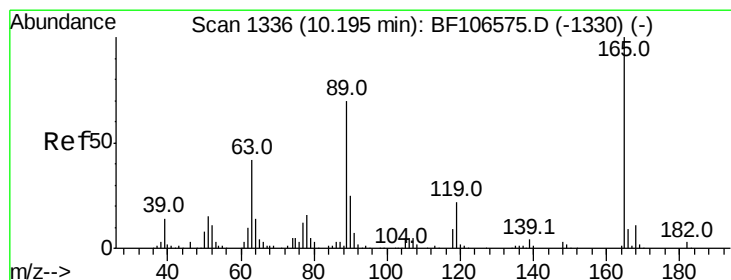
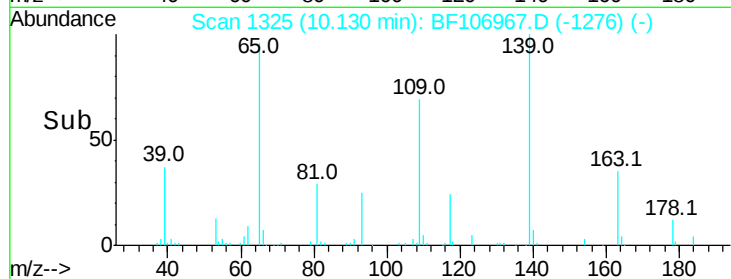
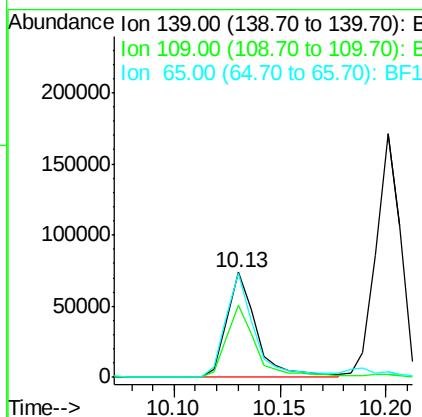
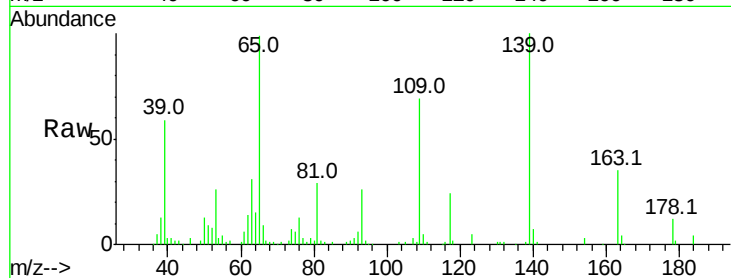




#55
4-Nitrophenol
Concen: 38.992 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

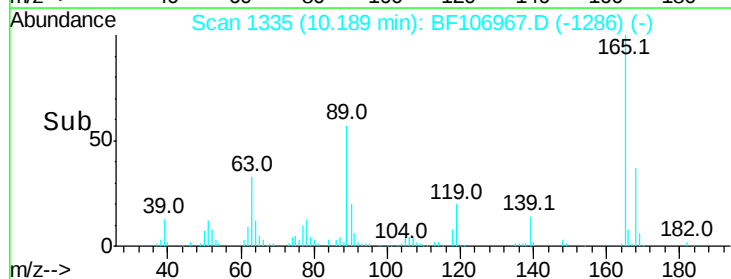
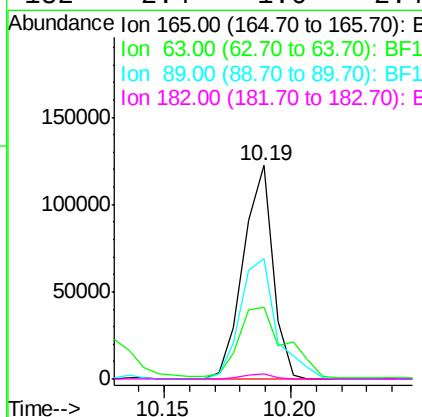
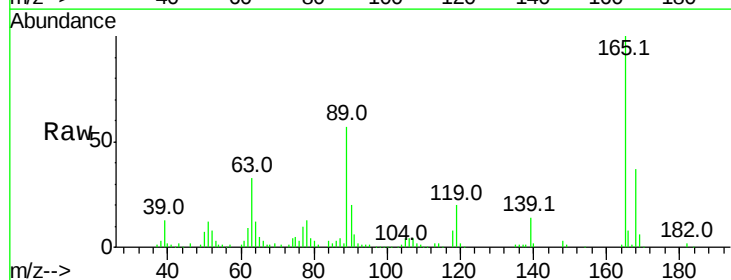
Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

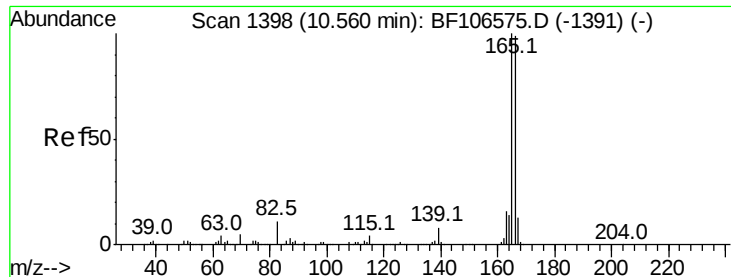
Tot Ion:139 Resp: 71973
Ion Ratio Lower Upper
139 100
109 69.0 48.4 88.4
65 99.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 33.297 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion:165 Resp: 99878
Ion Ratio Lower Upper
165 100
63 33.4 36.4 54.6#
89 56.5 57.8 86.6#
182 2.4 1.6 2.4

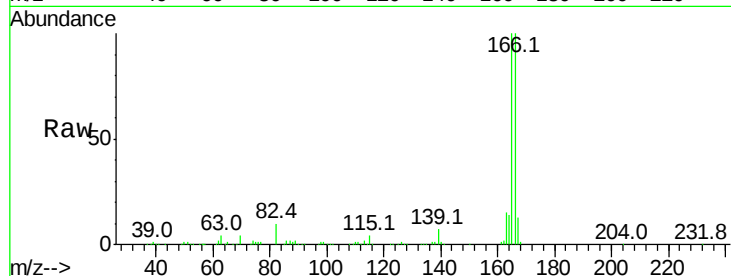




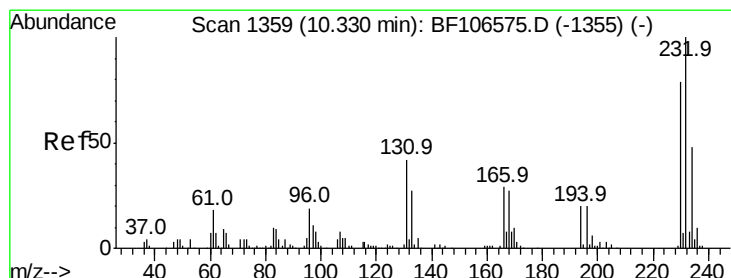
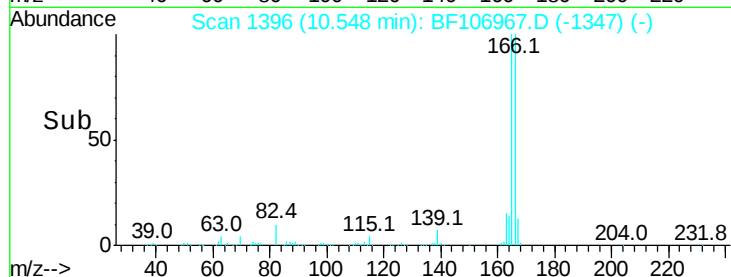
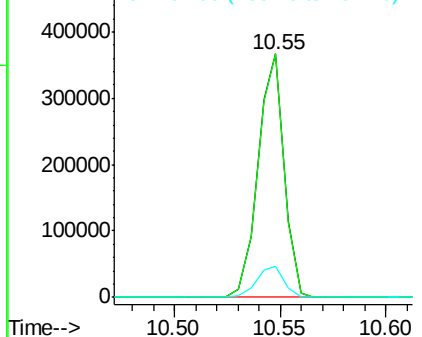
#57
 Fluorene
 Concen: 32.132 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion:166 Resp: 315078
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.8 119.8
 167 12.9 10.6 16.0



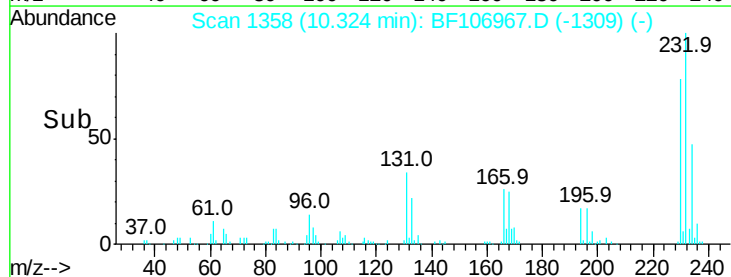
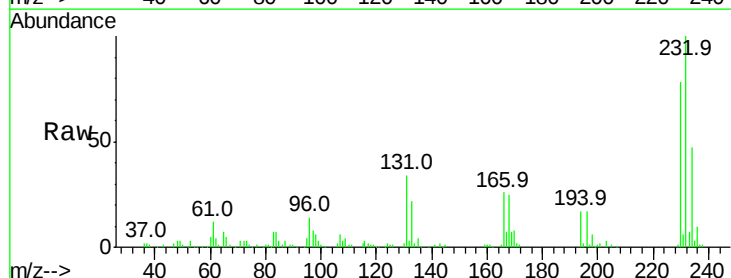
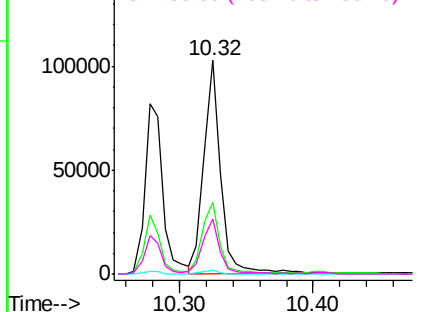
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

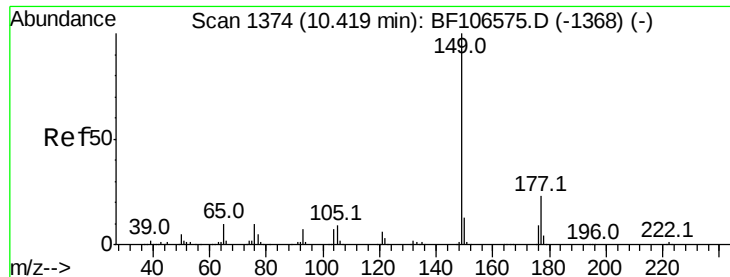


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.144 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

Tgt Ion:232 Resp: 89050
 Ion Ratio Lower Upper
 232 100
 131 36.0 43.8 65.8#
 130 1.5 2.1 3.1#
 166 26.4 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

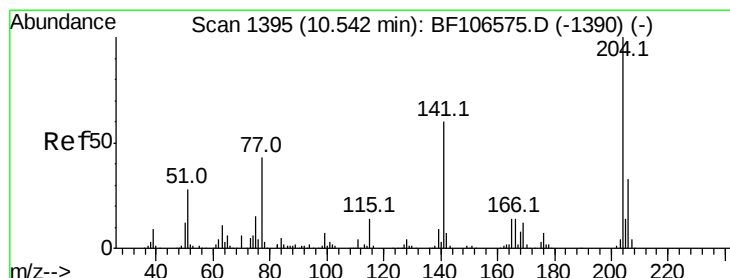
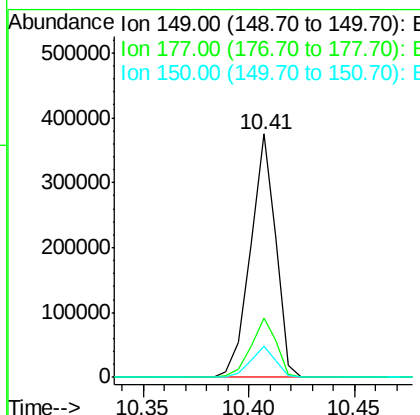
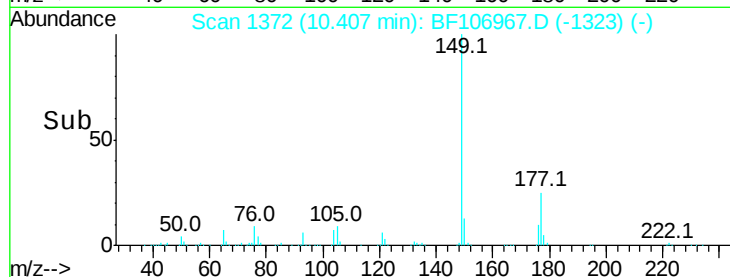
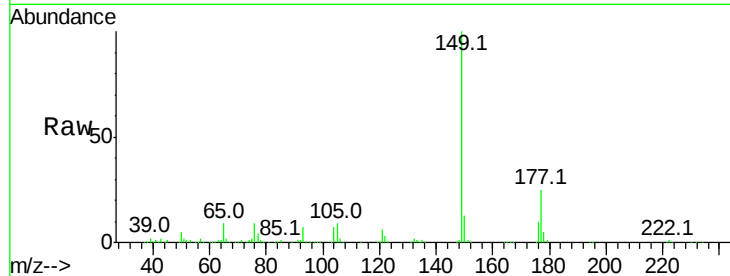




#59
Diethylphthalate
Concen: 29.819 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

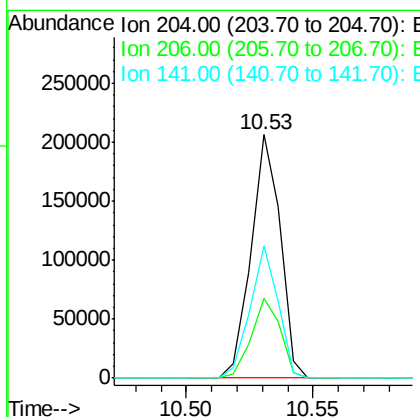
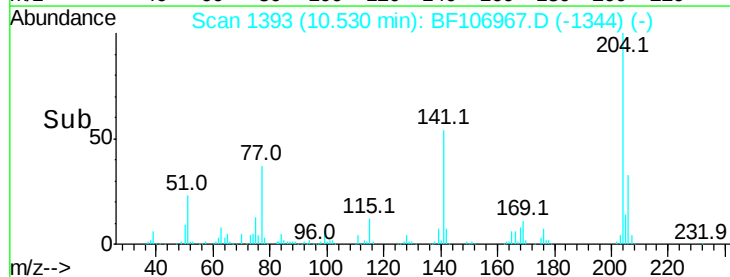
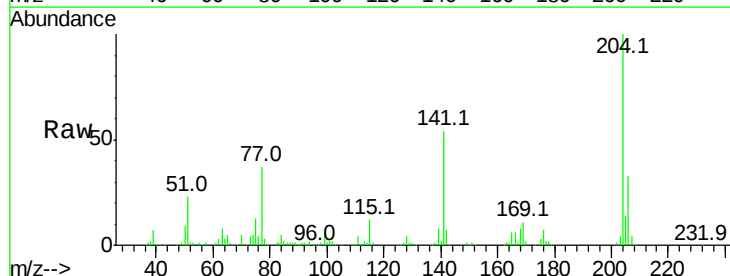
Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

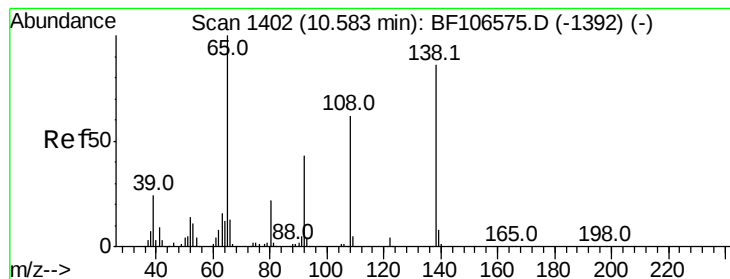
Tot Ion:149 Resp: 312343
Ion Ratio Lower Upper
149 100
177 24.5 16.1 24.1#
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 32.284 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion:204 Resp: 165639
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 54.4 54.6 81.8#





#61

4-Nitroaniline

Concen: 24.257 ng

RT: 10.57 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

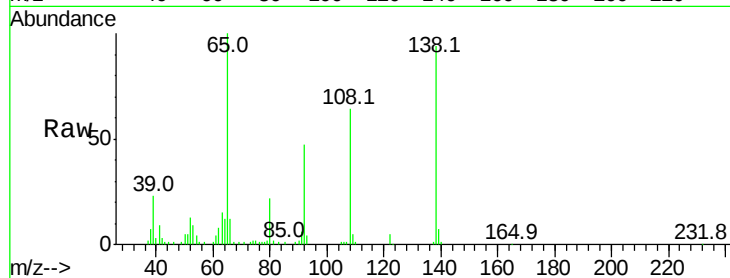
Tot Ion:138 Resp: 63662

Ion Ratio Lower Upper

138 100

92 49.3 30.2 70.2

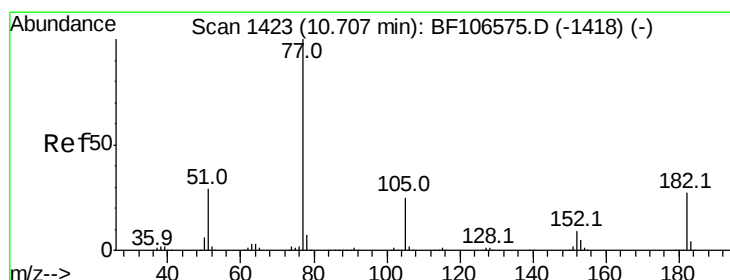
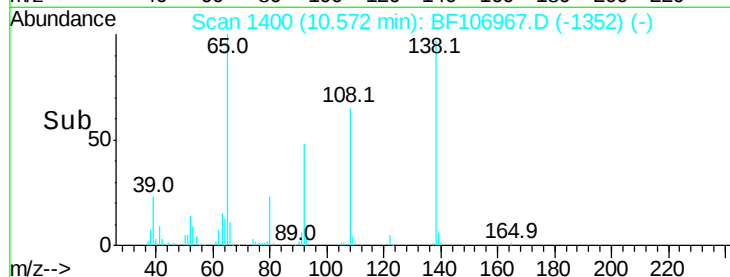
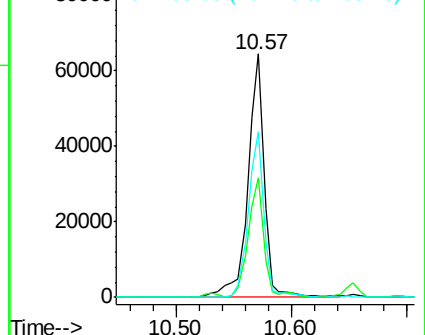
108 68.2 52.5 92.5



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: 27.746 ng

RT: 10.70 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Tgt Ion: 77 Resp: 286190

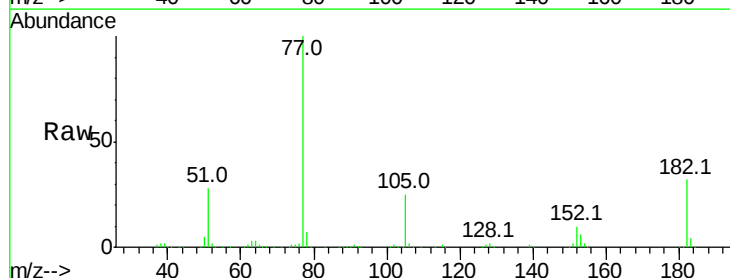
Ion Ratio Lower Upper

77 100

182 31.7 1.7 41.7

105 24.5 3.0 43.0

51 27.5 9.9 49.9

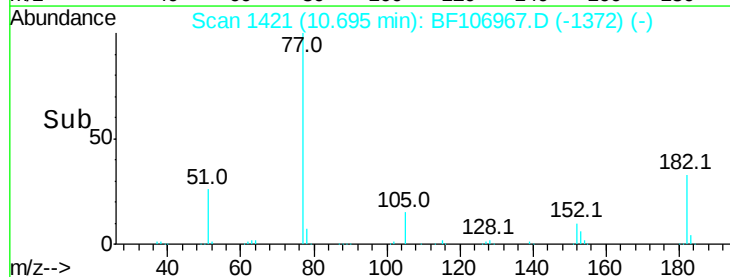
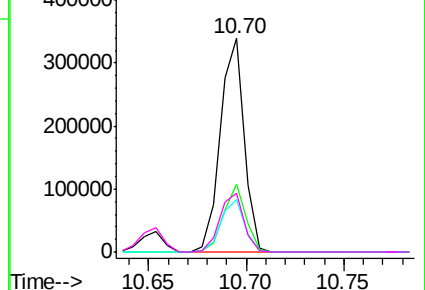


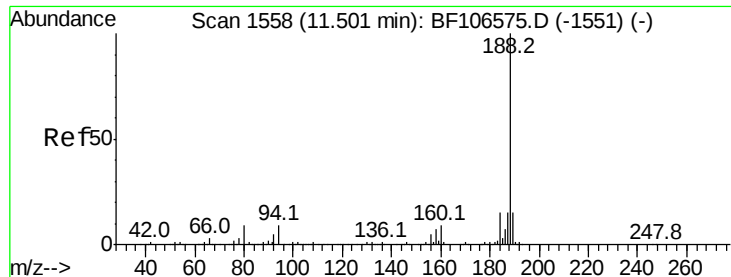
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

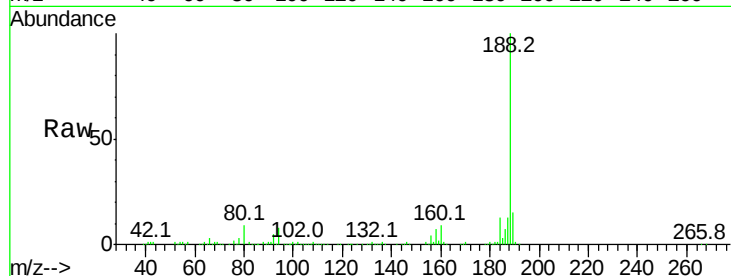
Tot Ion:188 Resp: 265776

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

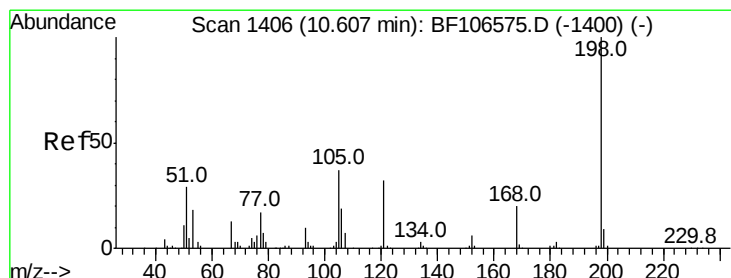
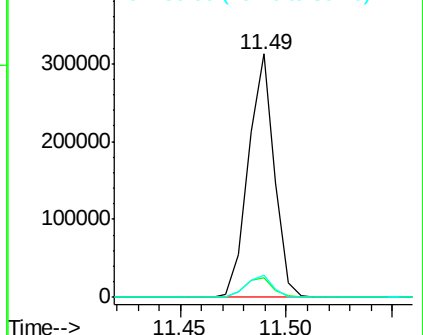
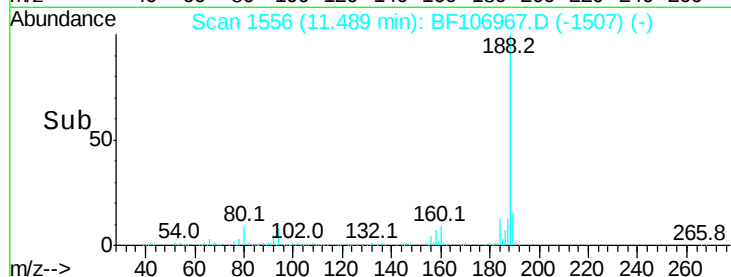
80 8.9 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

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: 27.177 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

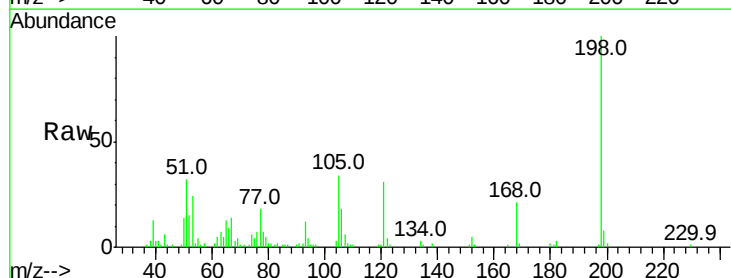
Tgt Ion:198 Resp: 44649

Ion Ratio Lower Upper

198 100

51 32.1 37.7 77.7#

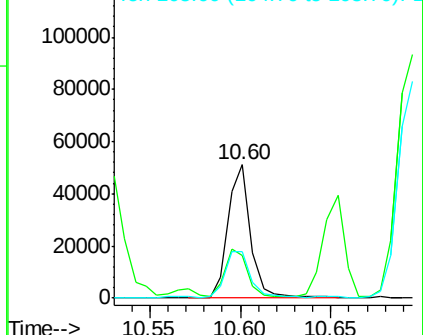
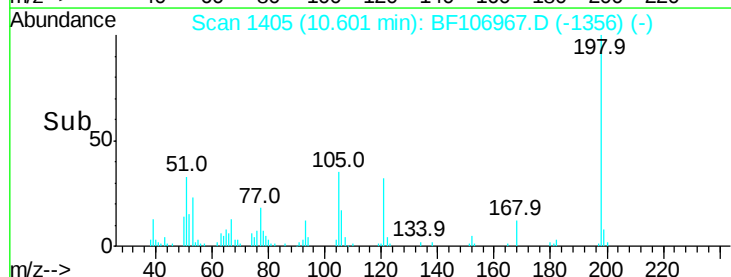
105 34.4 36.3 76.3#

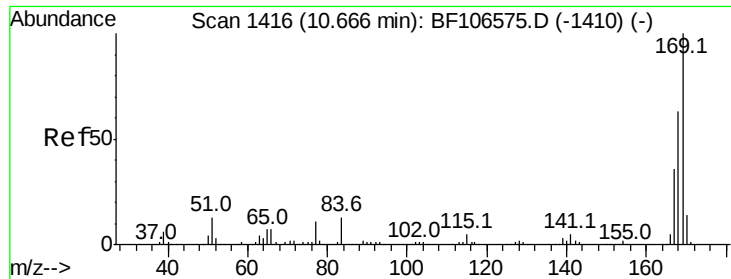


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

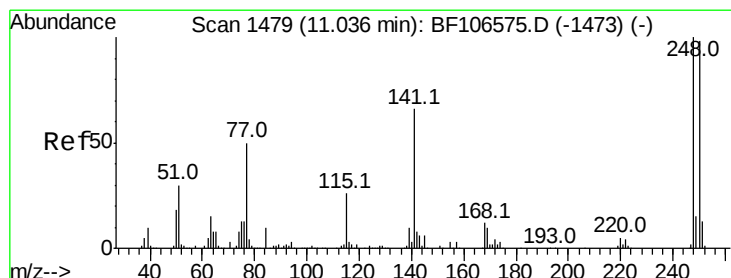
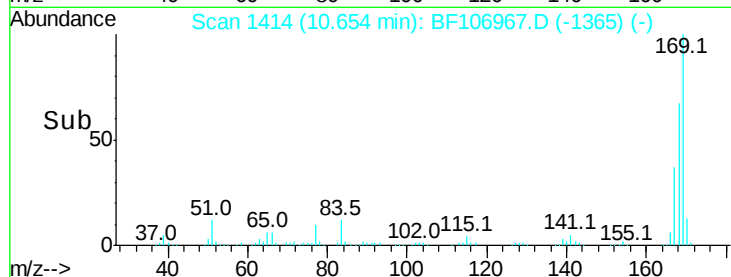
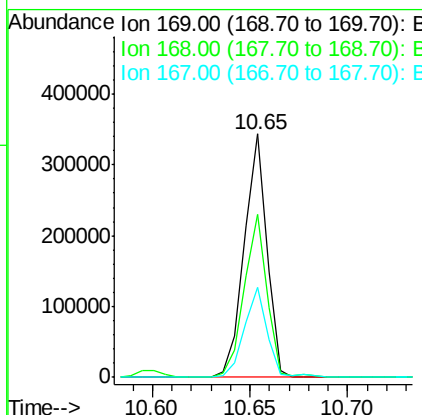
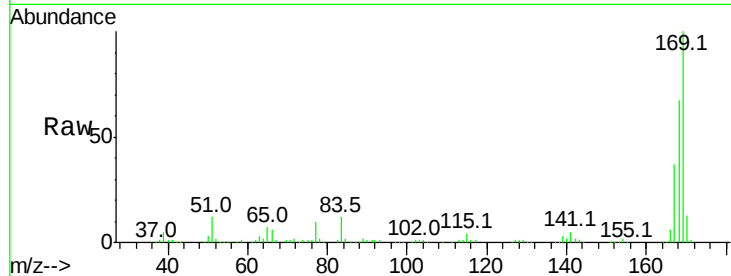




#65
 n-Nitrosodiphenylamine
 Concen: 30.897 ng
 RT: 10.65 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

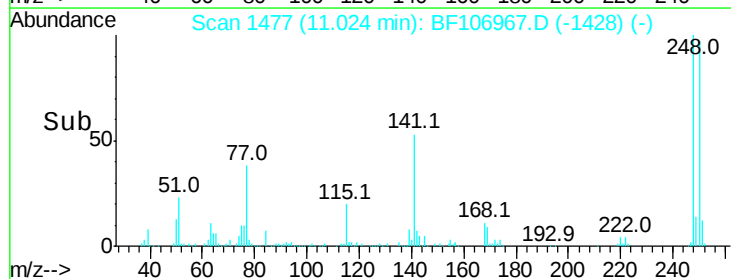
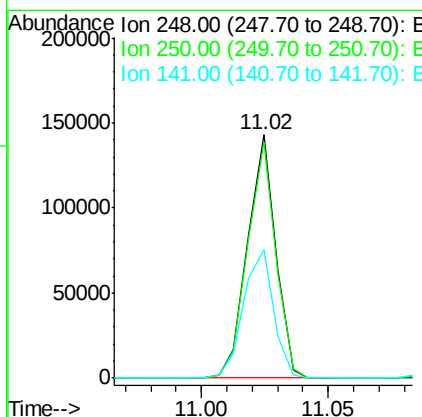
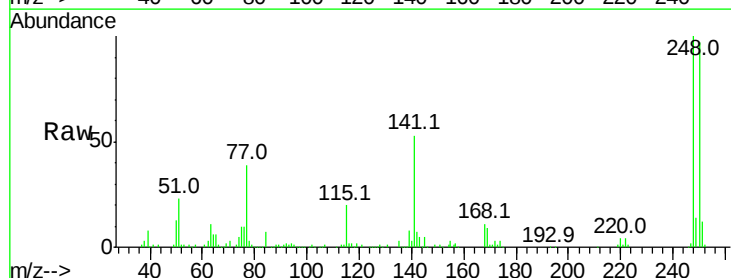
Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion:169 Resp: 276205
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 34.966 ng
 RT: 11.02 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

Tgt Ion:248 Resp: 110907
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.9 115.3
 141 53.0 74.4 111.6#

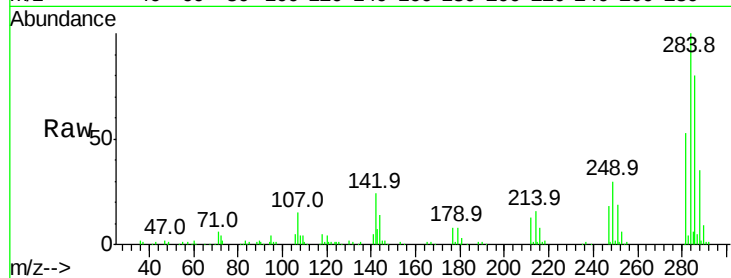




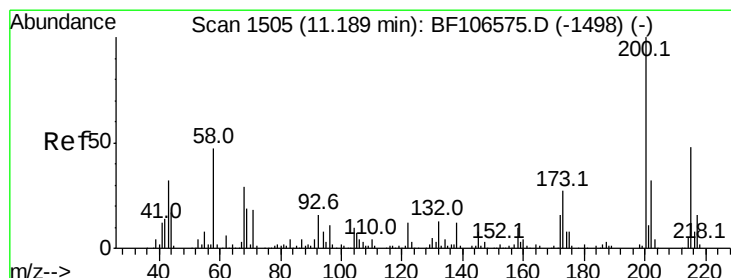
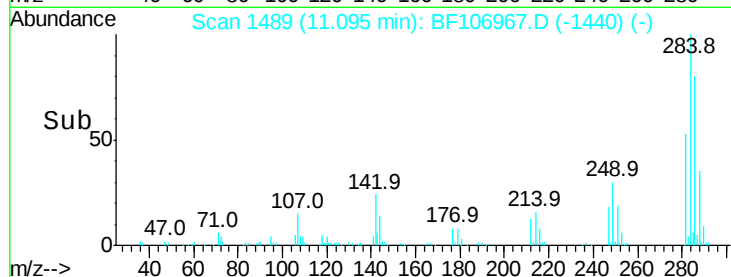
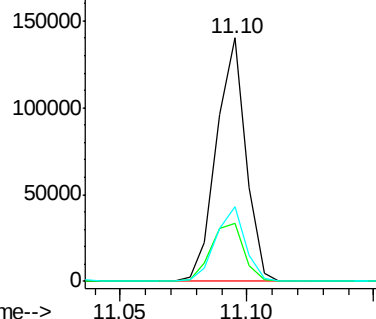
#67
Hexachlorobenzene
Concen: 34.031 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion:284 Resp: 112977
Ion Ratio Lower Upper
284 100
142 24.0 34.6 52.0#
249 30.4 24.8 37.2

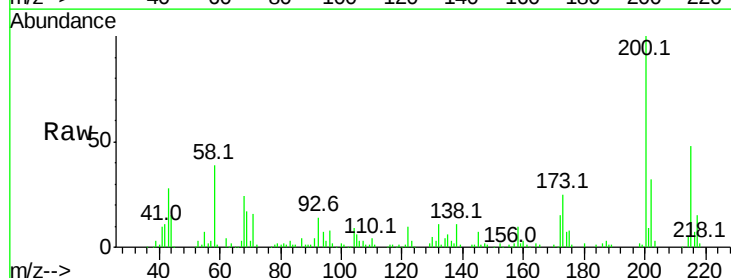


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

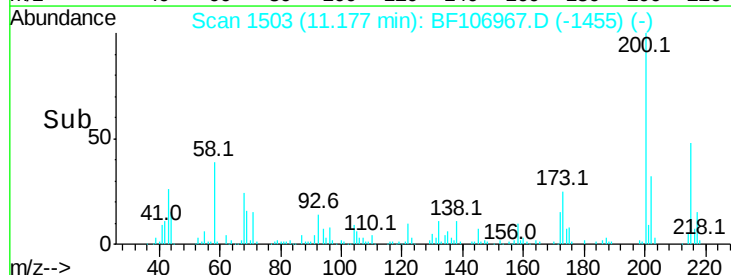
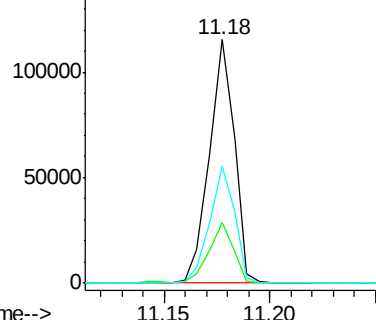


#68
Atrazine
Concen: 33.176 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion:200 Resp: 94281
Ion Ratio Lower Upper
200 100
173 24.7 8.6 48.6
215 48.0 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

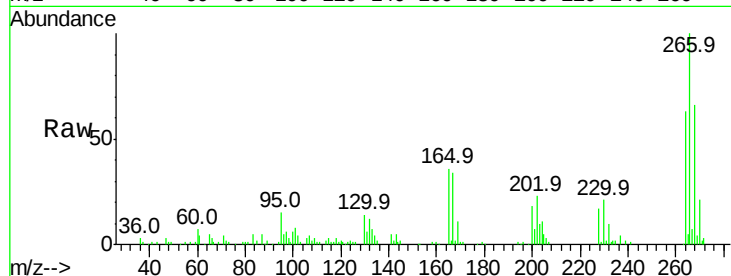




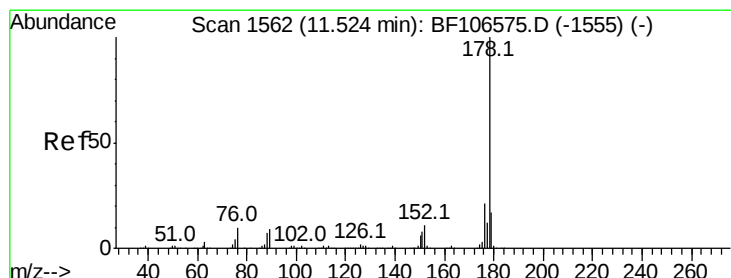
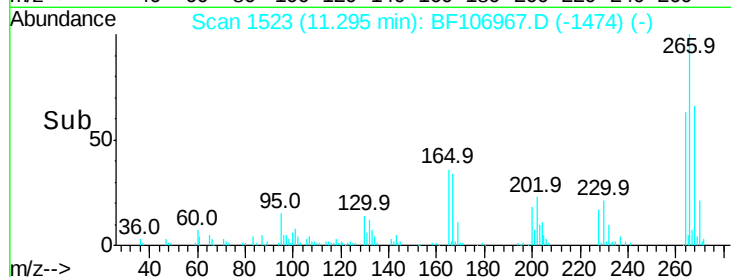
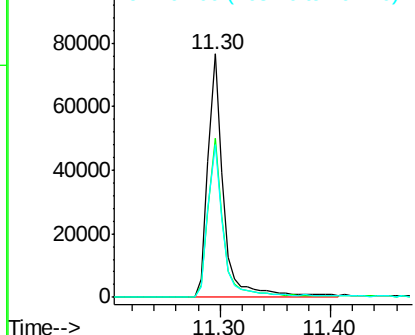
#69
 Pentachlorophenol
 Concen: 44.307 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion:266 Resp: 73393
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.1 76.7
 264 62.9 49.5 74.3

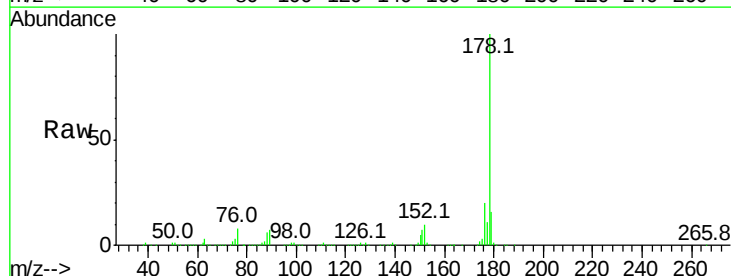


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

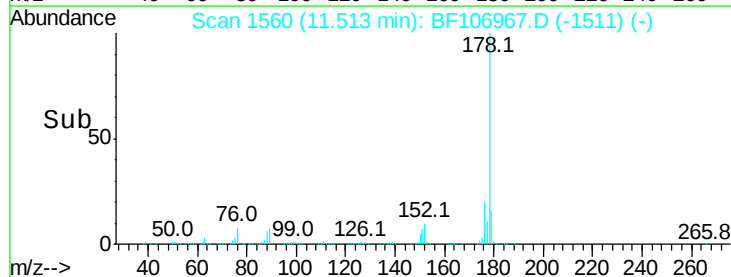
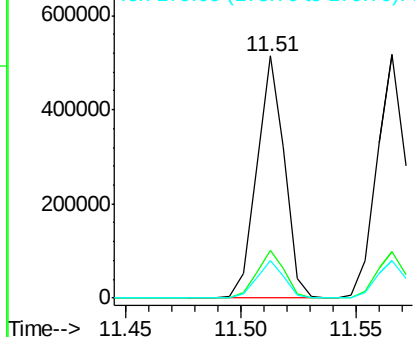


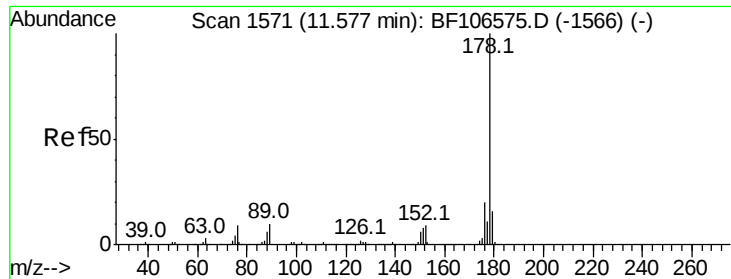
#70
 Phenanthrene
 Concen: 33.332 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

Tgt Ion:178 Resp: 427279
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.7 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

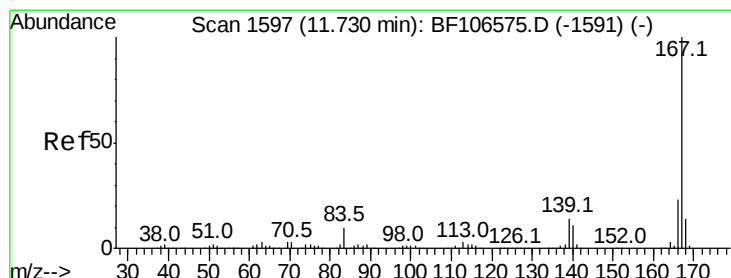
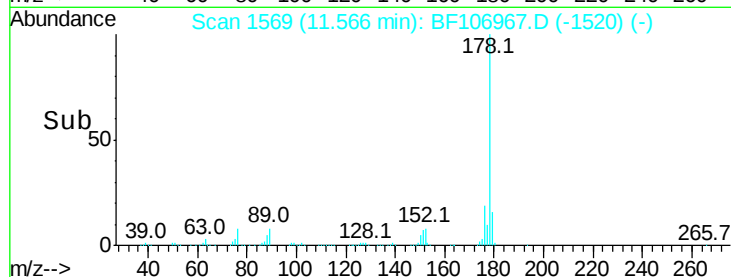
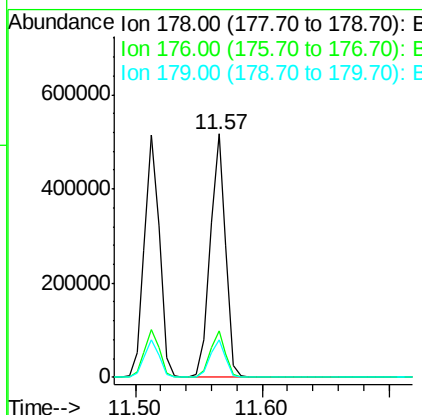
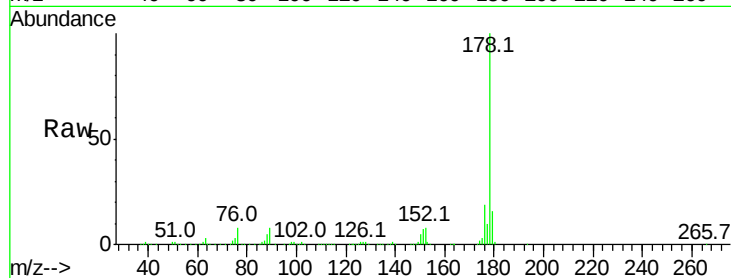




#71
 Anthracene
 Concen: 33.735 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

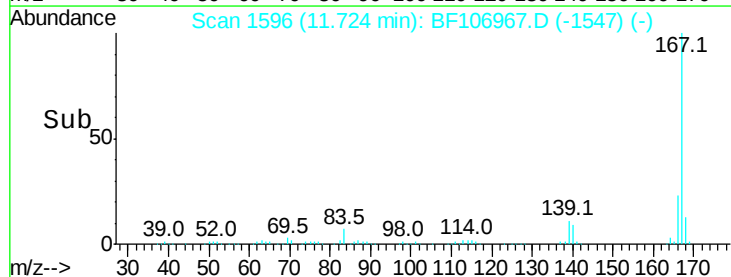
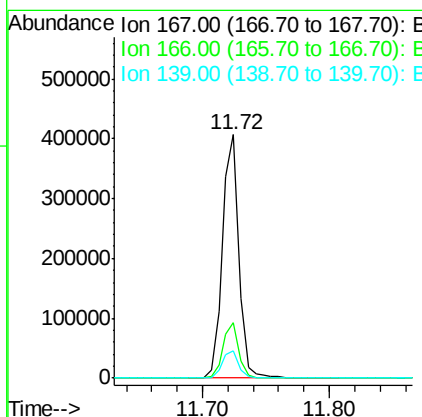
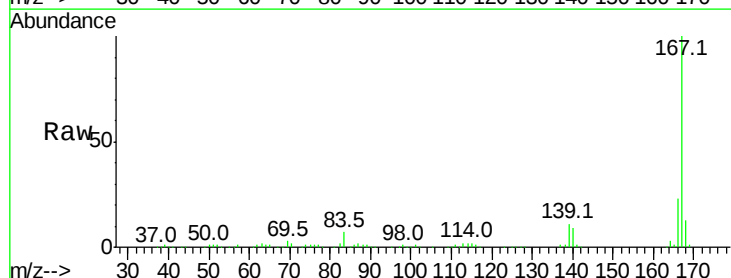
Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion:178 Resp: 441402
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 30.088 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

Tgt Ion:167 Resp: 368580
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 11.5 10.9 16.3

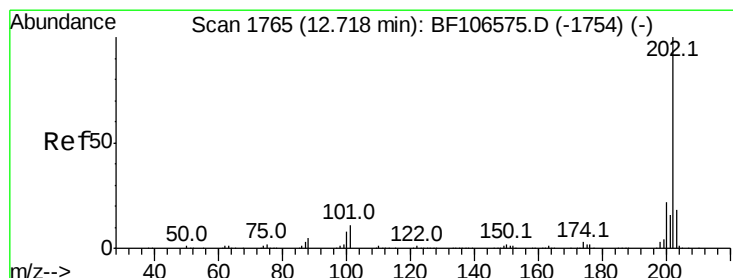
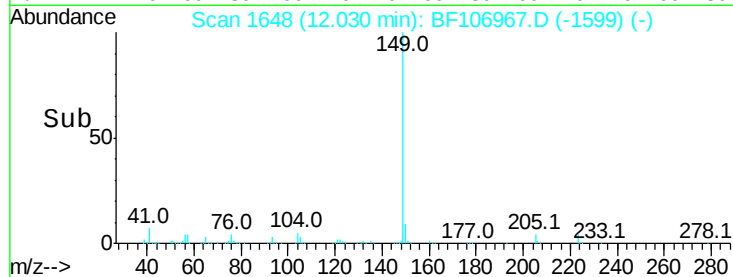
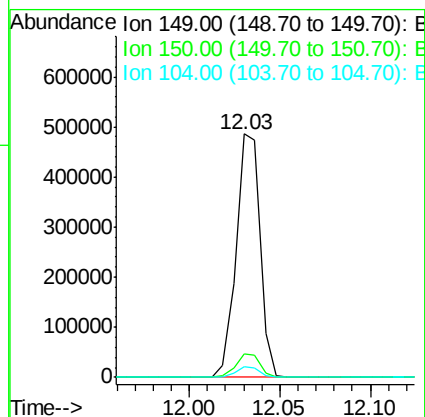
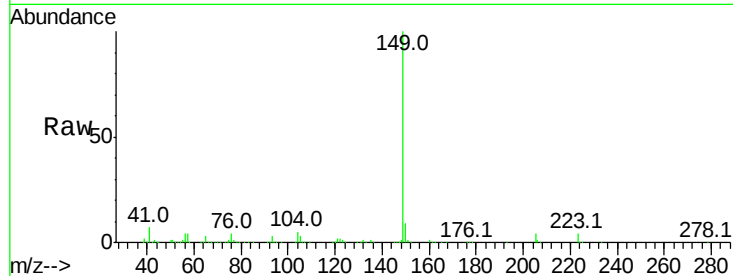




#73
Di-n-butylphthalate
Concen: 30.968 ng
RT: 12.03 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

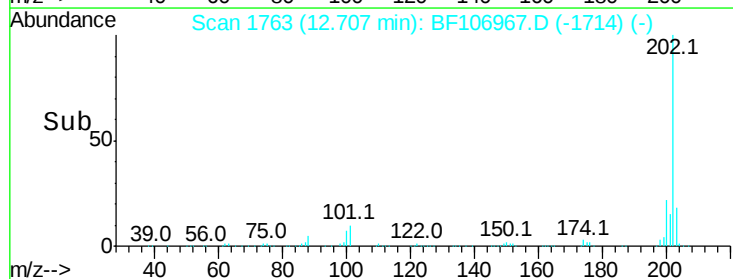
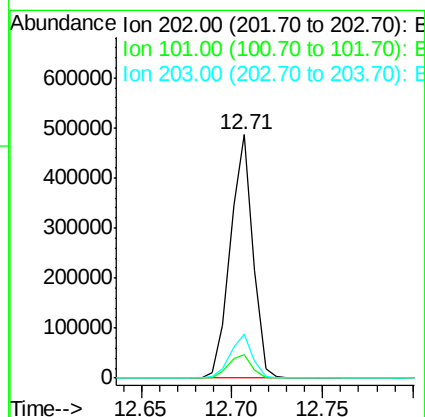
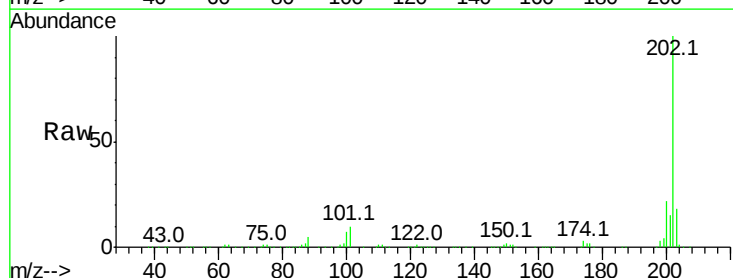
Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

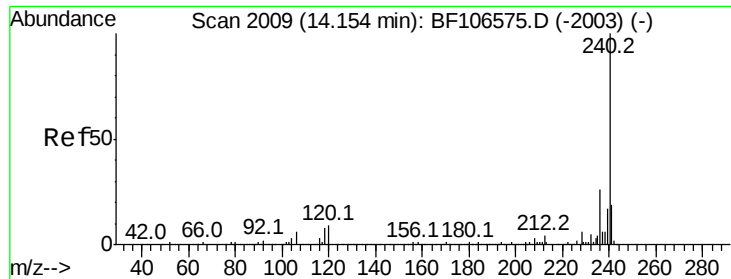
Tot Ion:149 Resp: 446918
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.6 3.8 5.8



#74
Fluoranthene
Concen: 29.857 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion:202 Resp: 421846
Ion Ratio Lower Upper
202 100
101 9.7 0.0 34.1
203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

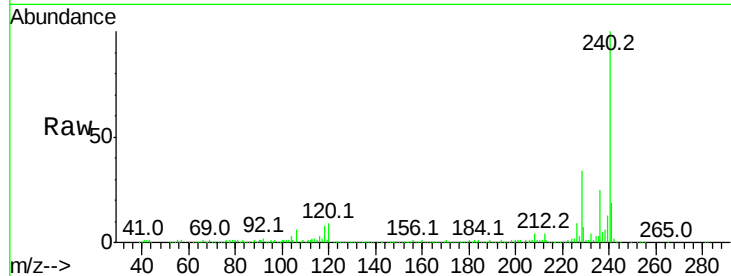
Tot Ion:240 Resp: 200746

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

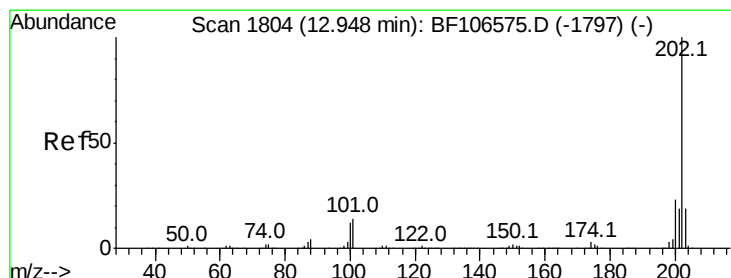
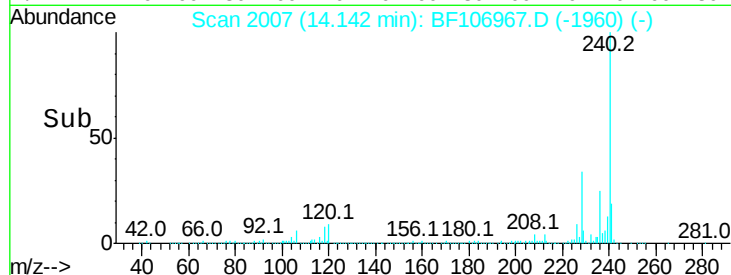
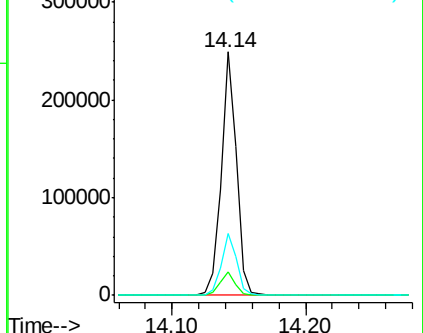
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 31.247 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

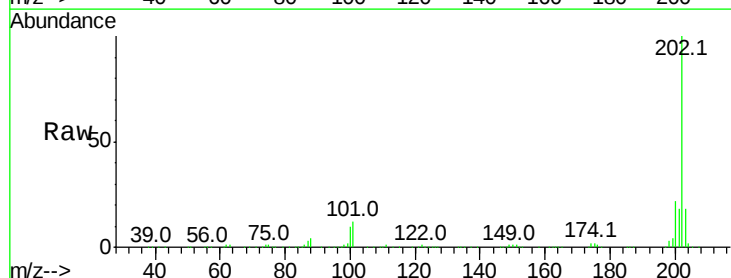
Tgt Ion:202 Resp: 413639

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

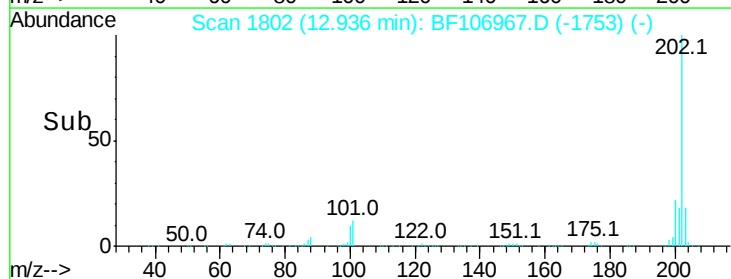
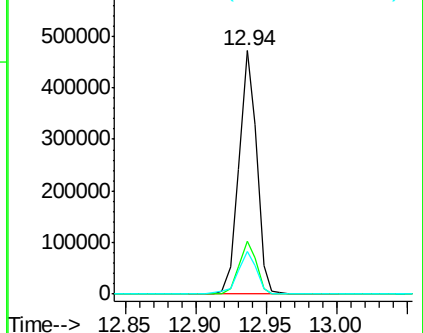
203 17.6 14.3 21.5

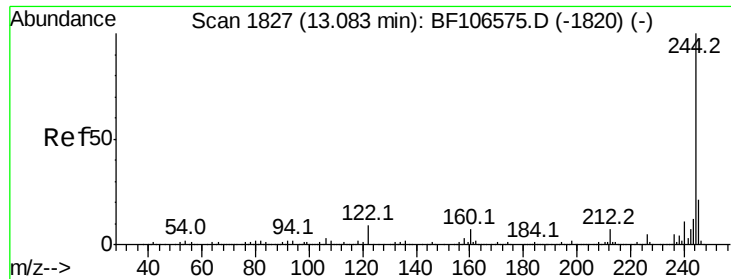


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

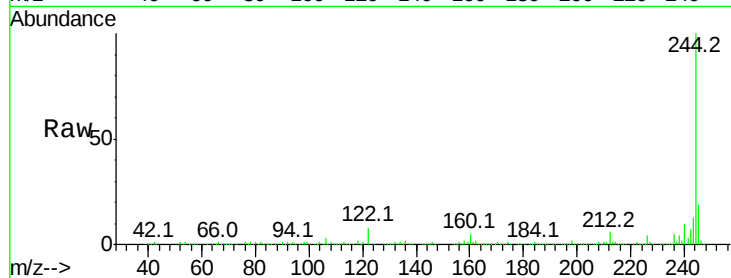




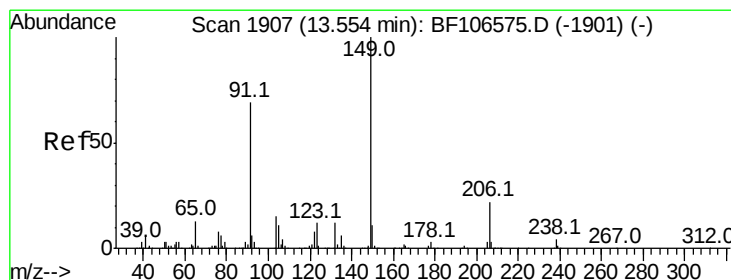
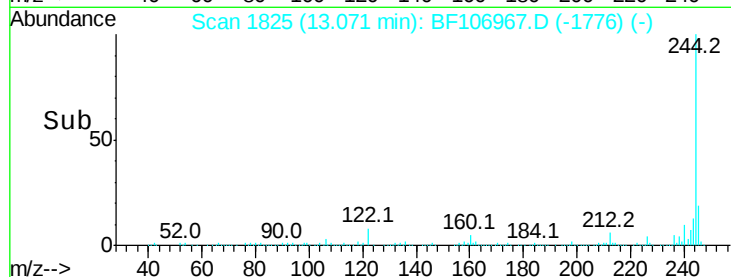
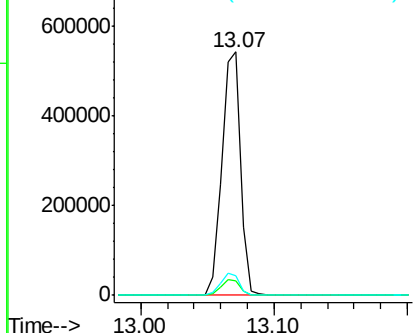
#78
 Terphenyl-d14
 Concen: 64.834 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

Instrument :
 BNA_F
 ClientSampleId :
 EME-FW-TS004-01MS

Tot Ion:244 Resp: 537308
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 7.8 11.0 16.4#

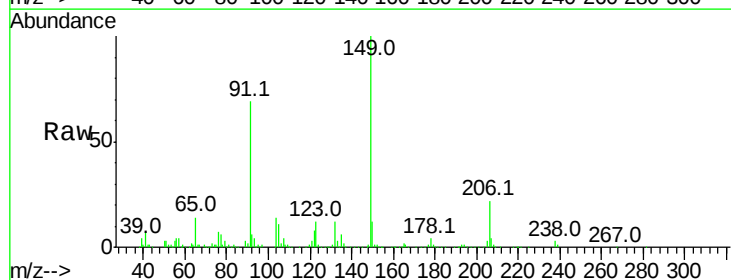


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

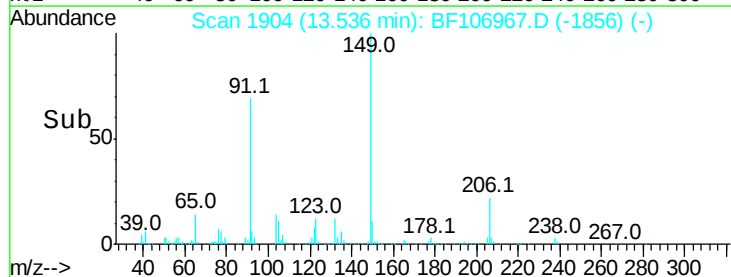
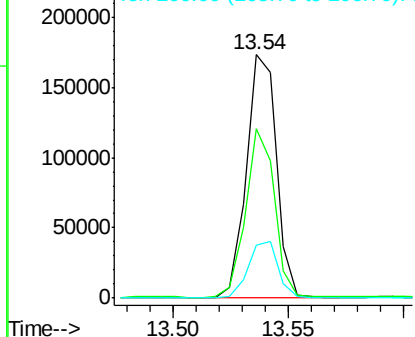


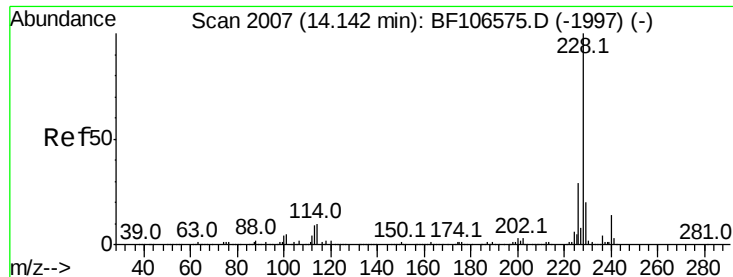
#79
 Butylbenzylphthalate
 Concen: 28.972 ng
 RT: 13.54 min Scan# 1904
 Delta R.T. -0.02 min
 Lab File: BF106967.D
 Acq: 29 Jun 2018 12:39

Tgt Ion:149 Resp: 157684
 Ion Ratio Lower Upper
 149 100
 91 69.5 56.8 85.2
 206 21.8 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: 30.821 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

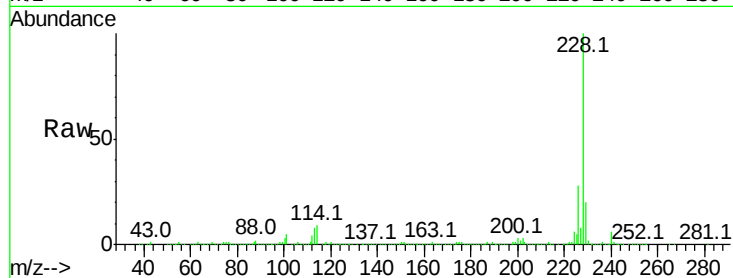
Tot Ion:228 Resp: 377091

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

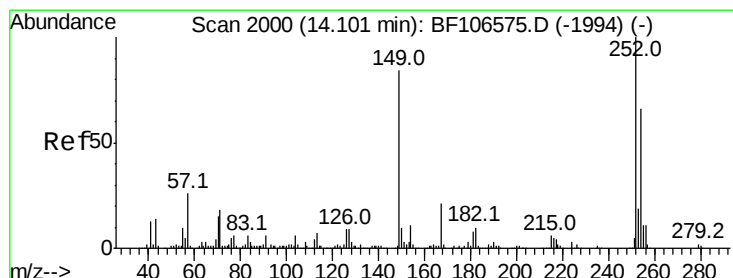
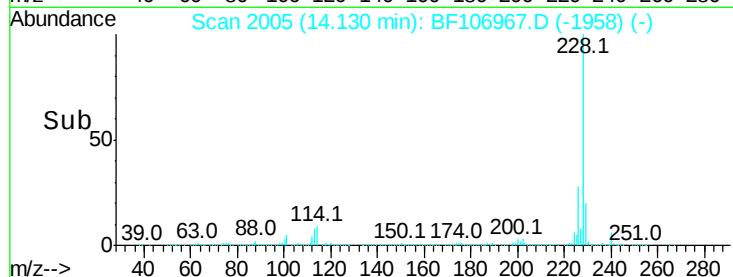
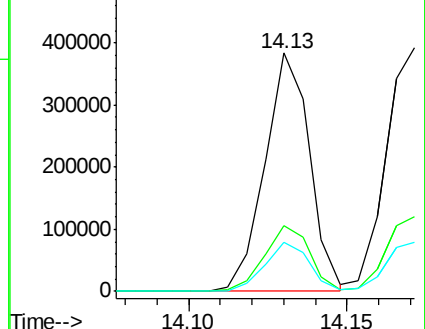
229 20.4 15.8 23.6



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: 16.103 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

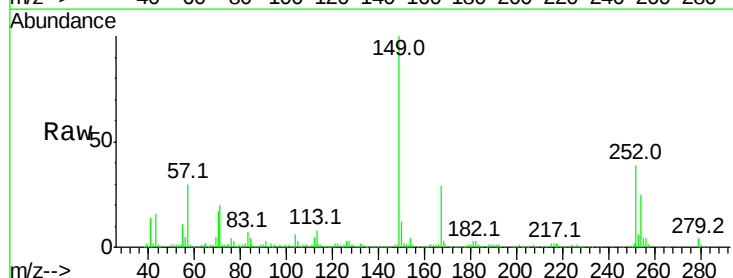
Tgt Ion:252 Resp: 69246

Ion Ratio Lower Upper

252 100

254 64.4 50.4 75.6

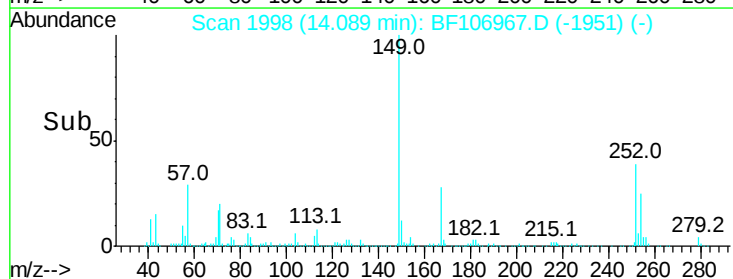
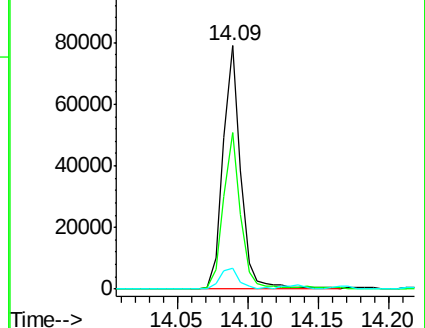
126 8.5 11.3 16.9#

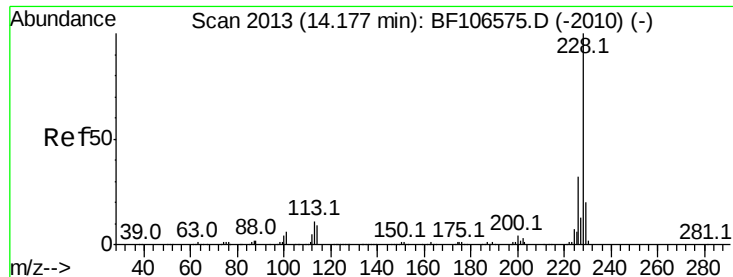


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 32.204 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

Instrument :

BNA_F

ClientSampleId :

EME-FW-TS004-01MS

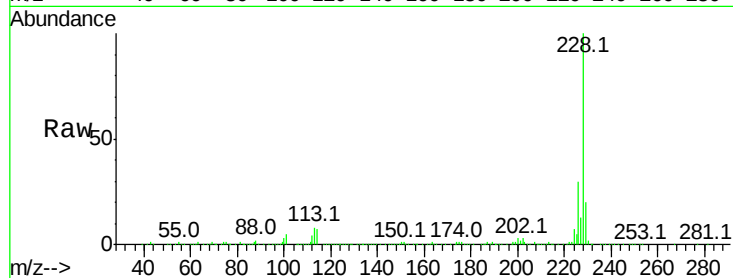
Tot Ion:228 Resp: 362488

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

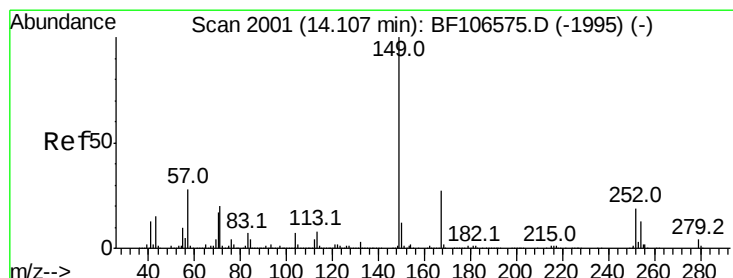
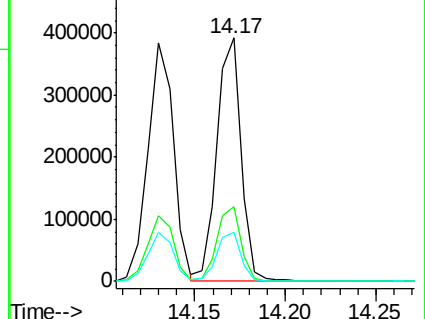
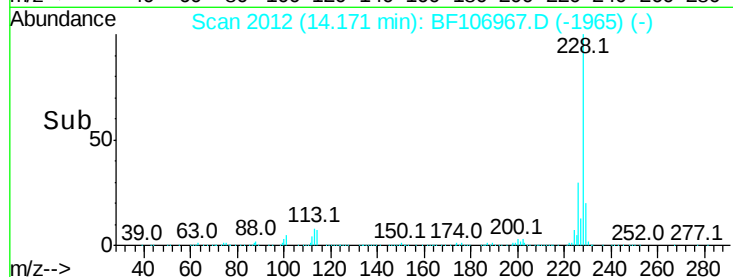
229 20.2 16.2 24.4



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: 30.340 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF106967.D

Acq: 29 Jun 2018 12:39

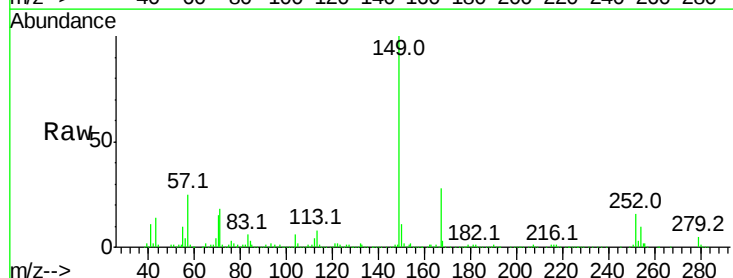
Tgt Ion:149 Resp: 211114

Ion Ratio Lower Upper

149 100

167 28.3 21.3 31.9

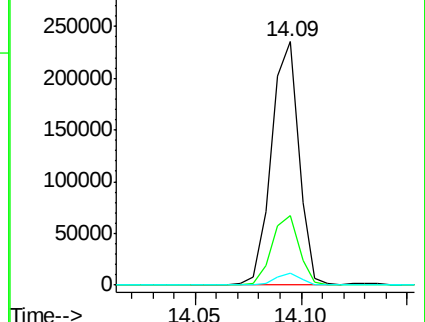
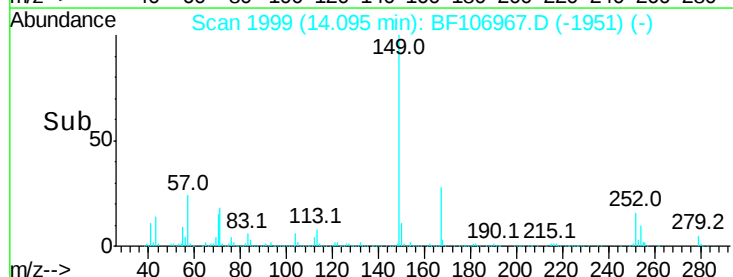
279 4.9 3.0 4.4#

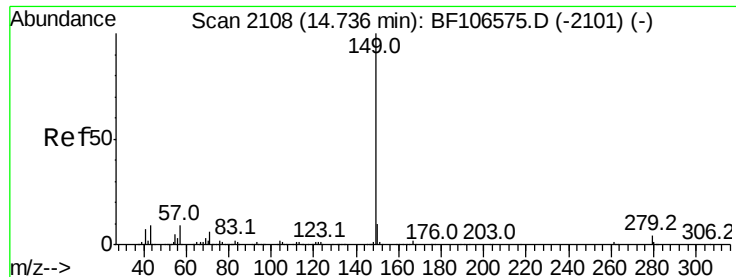


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

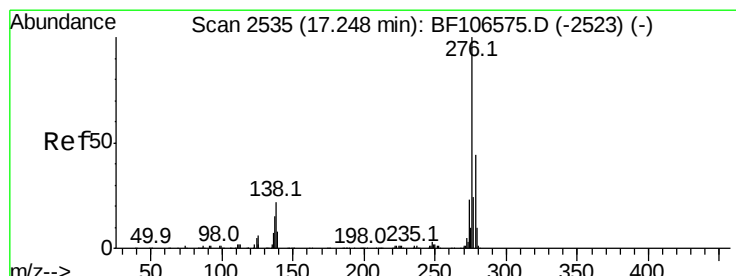
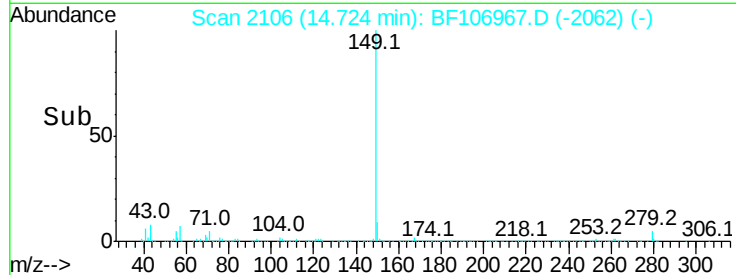
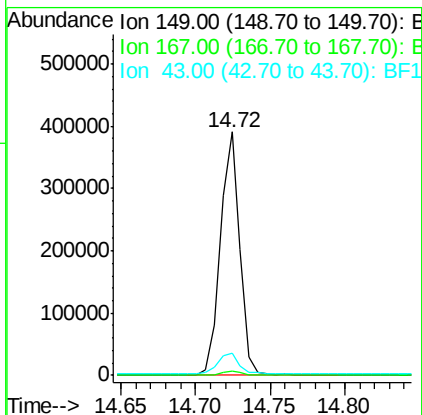
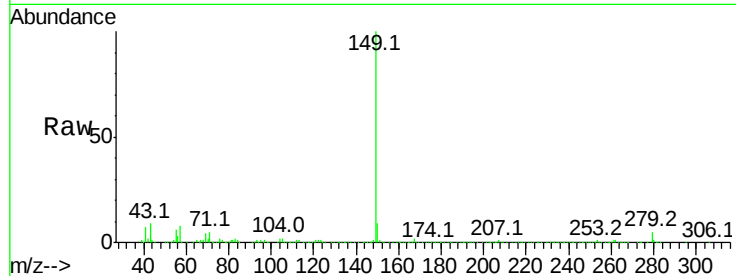




#84
Di-n-octyl phthalate
Concen: 31.211 ng
RT: 14.72 min Scan# 2106
Delta R.T. -0.04 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

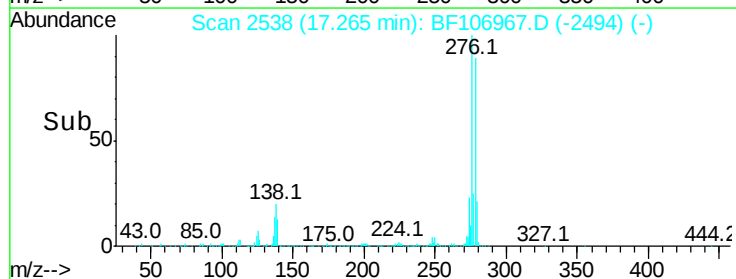
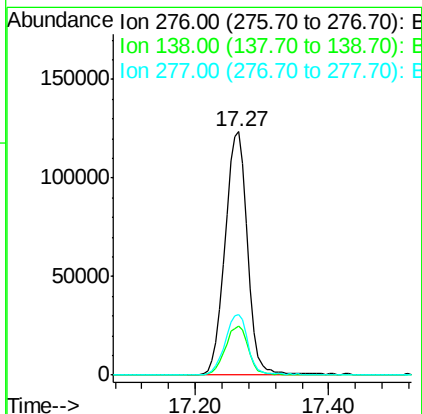
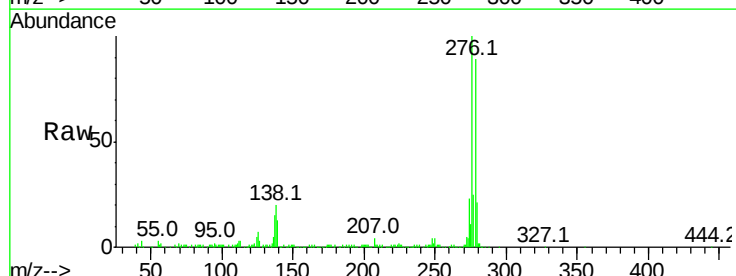
Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

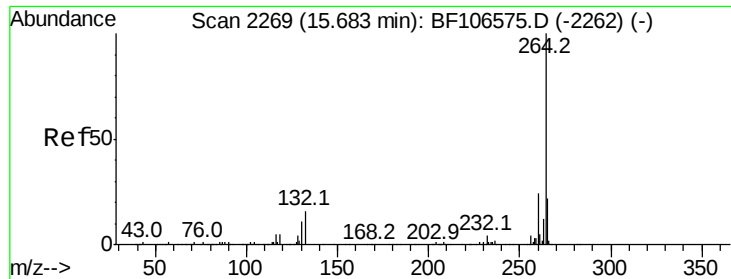
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.5	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 30.903 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.04 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	25.4	20.1	30.1

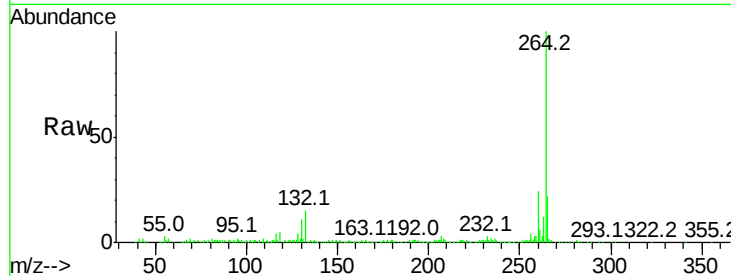




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.5	26.3

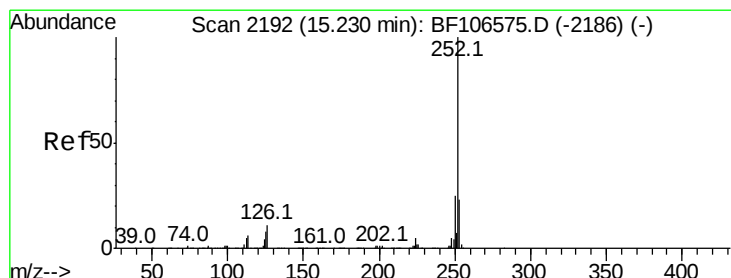
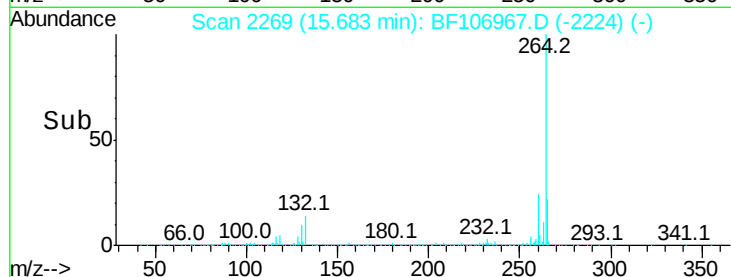
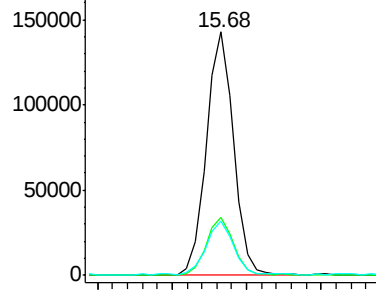


Abundance

Ion 264.00 (263.70 to 264.70): E

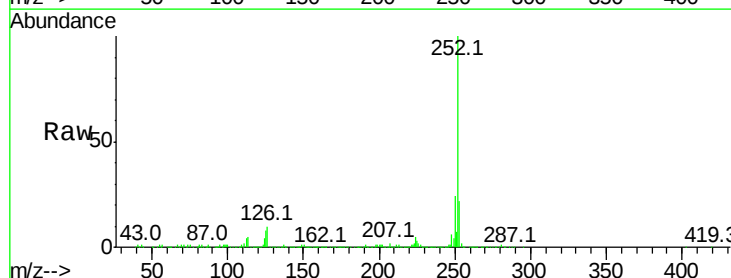
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 32.365 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.4	9.0	13.6#

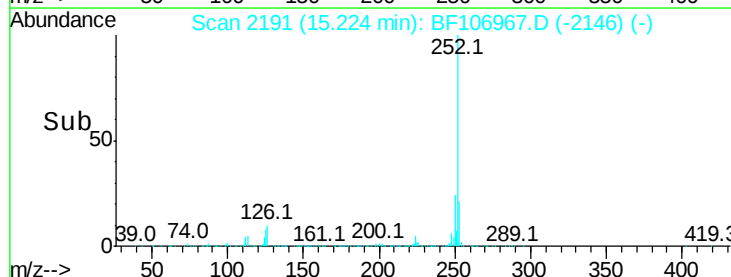
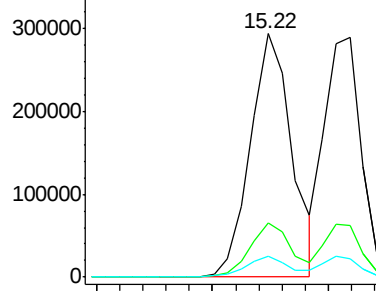


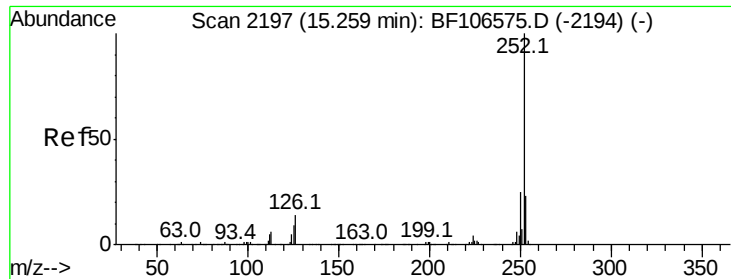
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

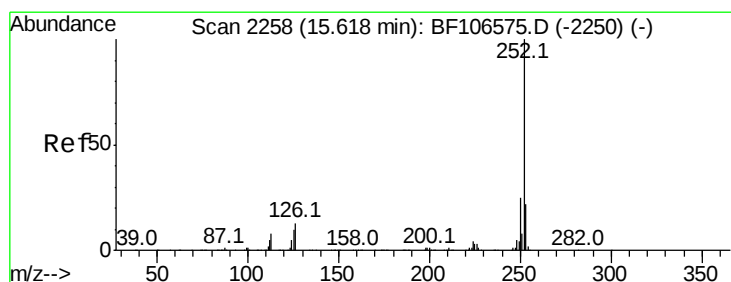
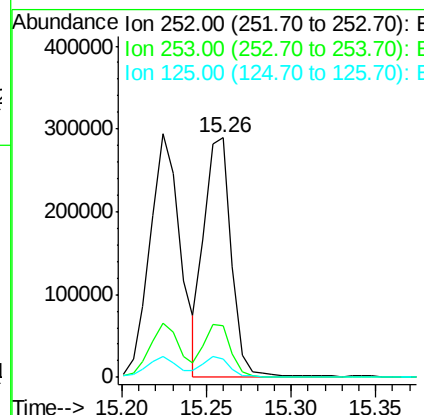
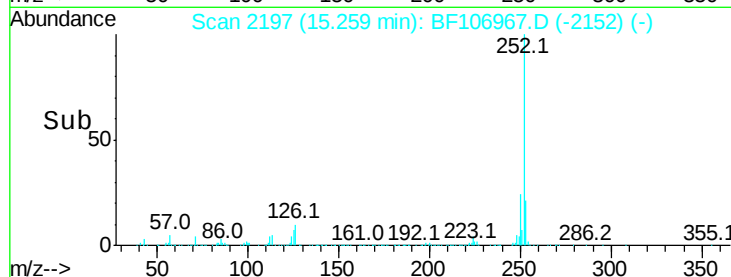
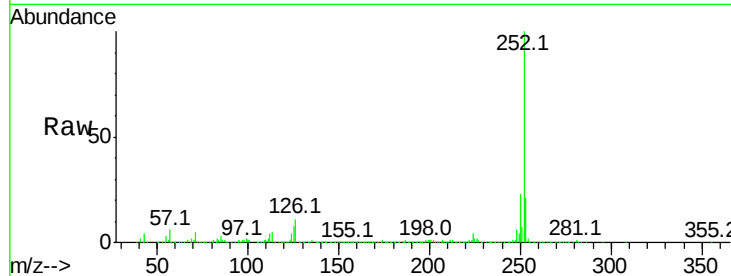




#88
Benzo(k)fluoranthene
Concen: 29.782 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

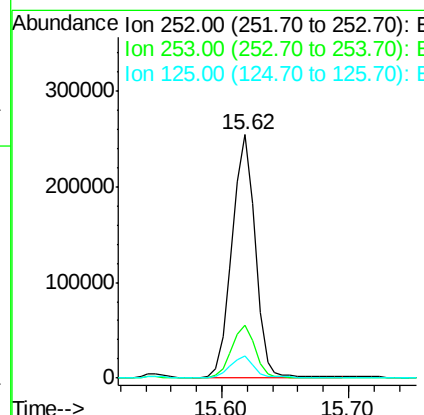
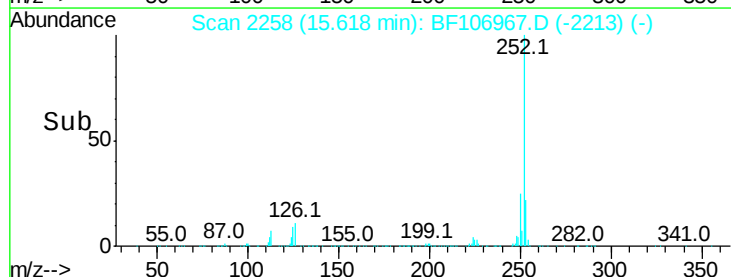
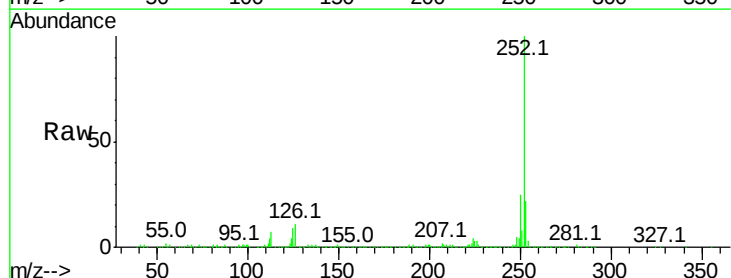
Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

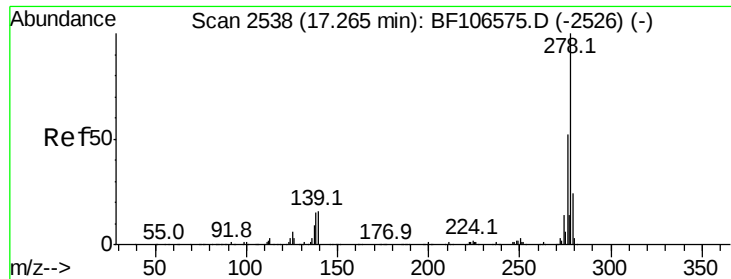
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	7.8	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 31.906 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	8.9	9.8	14.6#

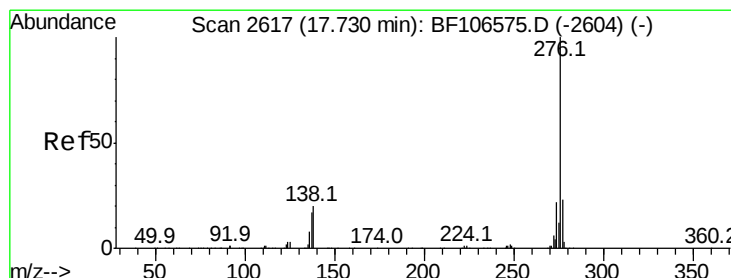
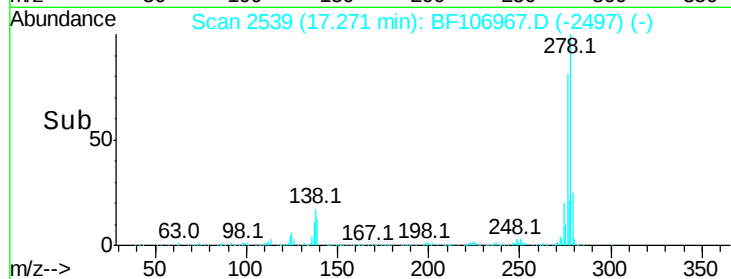
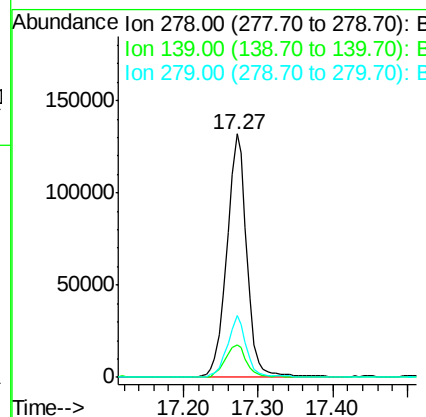
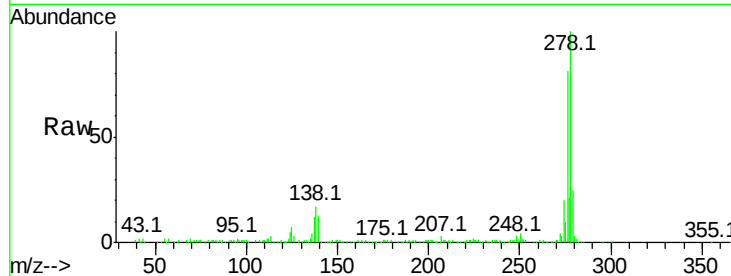




#90
Dibenzo(a,h)anthracene
Concen: 28.999 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.05 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.5	15.9	23.9#
279	25.4	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 28.517 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.05 min
Lab File: BF106967.D
Acq: 29 Jun 2018 12:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	17.6	21.8	32.8#

