

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
 Data File : BF107210.D
 Acq On : 7 Jul 2018 16:54
 Operator : JU/SJ
 Sample : J3879-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Quant Time: Jul 09 02:15:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66406	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	239267	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	115890	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	224394	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	156290	20.00	ng	-0.01
86) Perylene-d12	15.69	264	124563	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	441380	112.55	ng	0.00
7) Phenol-d6	6.61	99	545317	111.35	ng	0.00
23) Nitrobenzene-d5	7.52	82	353917	82.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	165947	123.55	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	617610	91.30	ng	-0.02
78) Terphenyl-d14	13.07	244	690401	107.00	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	61405	30.456	ng	97
3) Pyridine	3.61	79	185688	33.959	ng	96
4) n-Nitrosodimethylamine	3.58	42	79702	34.319	ng	# 79
6) Aniline	6.62	93	134355	20.224	ng	# 22
8) 2-Chlorophenol	6.75	128	174071	40.469	ng	99
9) Benzaldehyde	6.51	77	78872	20.761	ng	97
10) Phenol	6.62	94	221266	39.589	ng	82
11) bis(2-Chloroethyl)ether	6.69	93	184624	40.013	ng	98
12) 1,3-Dichlorobenzene	6.89	146	204211	40.536	ng	98
13) 1,4-Dichlorobenzene	6.97	146	207177	40.677	ng	98
14) 1,2-Dichlorobenzene	7.12	146	191499	41.026	ng	98
15) Benzyl Alcohol	7.10	79	141311	35.935	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	246995	40.800	ng	# 44
17) 2-Methylphenol	7.22	107	152003	41.294	ng	# 87
18) Hexachloroethane	7.45	117	57477	32.091	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	124948	38.705	ng	92
20) 3+4-Methylphenols	7.37	107	200791	53.247	ng	97
22) Acetophenone	7.36	105	248644	46.449	ng	# 98
24) Nitrobenzene	7.54	77	189485	43.108	ng	96
25) Isophorone	7.78	82	342263	45.113	ng	99
26) 2-Nitrophenol	7.85	139	89755	43.254	ng	93
27) 2,4-Dimethylphenol	7.90	122	163257	50.902	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	226911	44.545	ng	98
29) 2,4-Dichlorophenol	8.11	162	162612	48.428	ng	93
30) 1,2,4-Trichlorobenzene	8.17	180	176084	47.602	ng	98
31) Naphthalene	8.26	128	510548	45.640	ng	100
32) Benzoic acid	7.99	122	6935	8.349	ng	94
33) 4-Chloroaniline	8.31	127	92728	19.755	ng	99
34) Hexachlorobutadiene	8.36	225	117224	48.635	ng	98
35) Caprolactam	8.69	113	35127	32.092	ng	99
36) 4-Chloro-3-methylphenol	8.81	107	153267	43.365	ng	95
37) 2-Methylnaphthalene	8.95	142	358911	48.406	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	183340	46.976	ng	# 95
40) Hexachlorocyclopentadiene	9.09	237	5618	2.798	ng	94

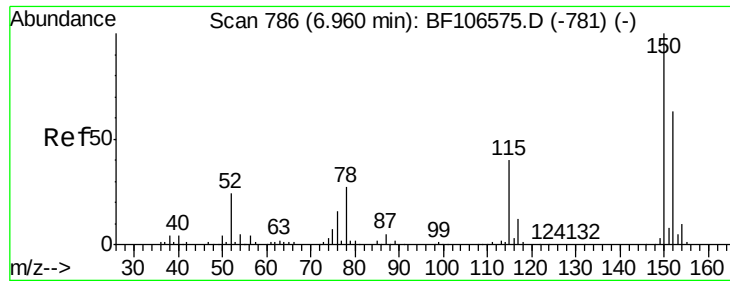
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	106639	41.106	ng	93
43) 2,4,5-Trichlorophenol	9.29	196	105174	38.852	ng	# 88
45) 1,1'-Biphenyl	9.41	154	421782	45.668	ng	98
46) 2-Chloronaphthalene	9.44	162	304141	41.835	ng	96
47) 2-Nitroaniline	9.55	65	101559	41.543	ng	99
48) Acenaphthylene	9.86	152	470704	41.010	ng	99
49) Dimethylphthalate	9.71	163	533182	61.342	ng	98
50) 2,6-Dinitrotoluene	9.78	165	79042	42.945	ng	93
51) Acenaphthene	10.03	154	285745	39.535	ng	98
52) 3-Nitroaniline	9.96	138	71667	33.838	ng	99
53) 2,4-Dinitrophenol	10.08	184	5403	10.621	ng	# 20
54) Dibenzofuran	10.20	168	432536	43.704	ng	97
55) 4-Nitrophenol	10.14	139	78545	53.129	ng	94
56) 2,4-Dinitrotoluene	10.20	165	91244	37.980	ng	# 95
57) Fluorene	10.55	166	338710	43.128	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	93603	43.499	ng	# 77
59) Diethylphthalate	10.41	149	347110	41.376	ng	# 94
60) 4-Chlorophenyl-phenylether	10.53	204	181093	44.070	ng	# 85
61) 4-Nitroaniline	10.58	138	85801	40.819	ng	97
62) Azobenzene	10.70	77	311718	37.733	ng	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	15059	10.857	ng	# 72
65) n-Nitrosodiphenylamine	10.65	169	297910	39.471	ng	100
66) 4-Bromophenyl-phenylether	11.02	248	121542	45.385	ng	# 78
67) Hexachlorobenzene	11.10	284	125390	44.736	ng	# 79
68) Atrazine	11.18	200	100991	42.090	ng	95
69) Pentachlorophenol	11.30	266	66329	47.427	ng	98
70) Phenanthrene	11.52	178	572191	52.868	ng	99
71) Anthracene	11.57	178	522130	47.264	ng	99
72) Carbazole	11.73	167	447728	43.289	ng	98
73) Di-n-butylphthalate	12.03	149	522469	42.879	ng	99
74) Fluoranthene	12.71	202	723139	60.620	ng	96
76) Benzidine	12.83	184	199219	44.757	ng	97
77) Pyrene	12.95	202	702159	68.130	ng	100
79) Butylbenzylphthalate	13.54	149	207711	49.018	ng	# 97
80) Benzo(a)anthracene	14.14	228	553990	58.159	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	113946	34.036	ng	# 96
82) Chrysene	14.18	228	480443	54.824	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	271531	50.122	ng	# 96
84) Di-n-octyl phthalate	14.72	149	409028	46.320	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.30	276	366594	49.295	ng	# 87
87) Benzo(b)fluoranthene	15.24	252	452265	58.449	ng	# 96
88) Benzo(k)fluoranthene	15.27	252	372799	50.592	ng	# 96
89) Benzo(a)pyrene	15.56	252	75143	10.924	ng	95
90) Dibenzo(a,h)anthracene	17.30	278	270494	46.400	ng	# 94
91) Benzo(g,h,i)perylene	17.78	276	311948	54.747	ng	# 89

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

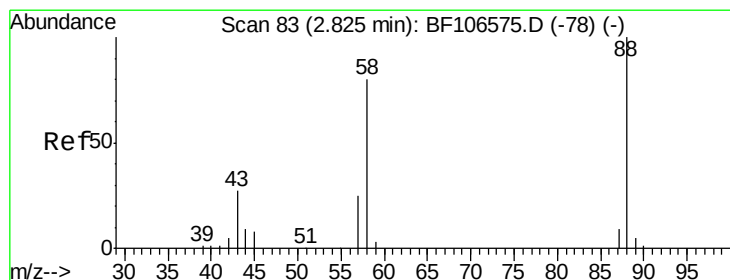
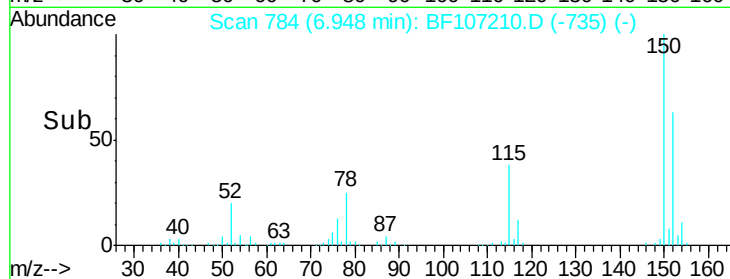
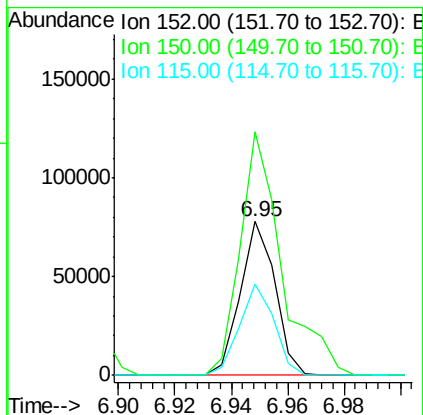
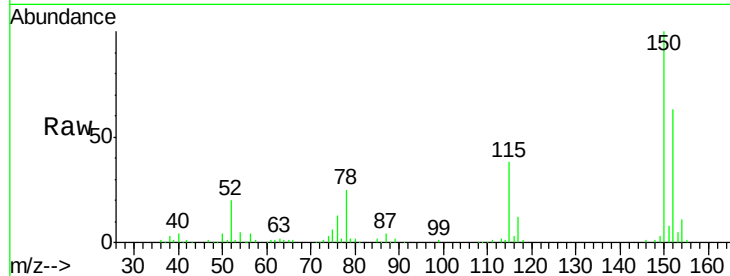


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

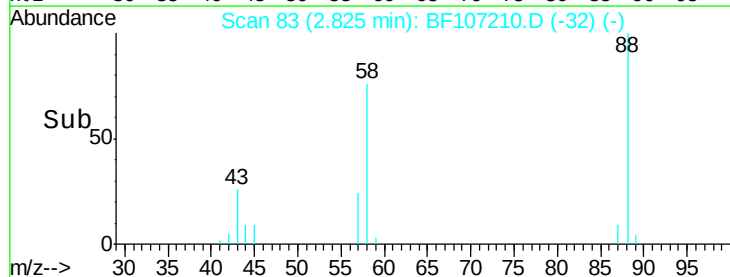
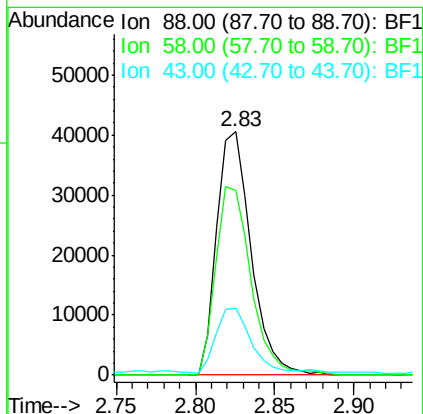
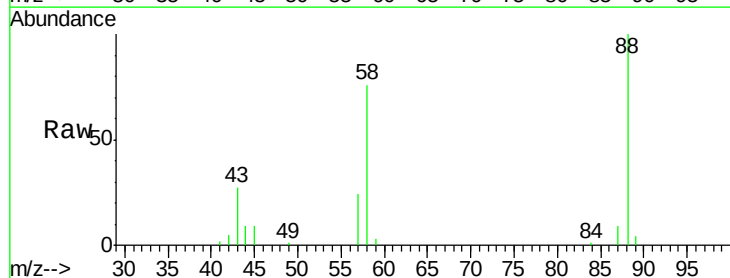
Tgt Ion: 152 Resp: 66406
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 59.6 50.1 75.1

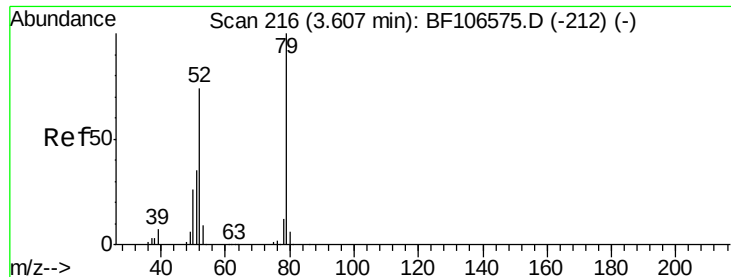


#2

1,4-Dioxane
Concen: 30.456 ng
RT: 2.83 min Scan# 83
Delta R.T. 0.00 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion: 88 Resp: 61405
Ion Ratio Lower Upper
88 100
58 79.6 62.6 93.8
43 26.9 24.6 37.0





#3

Pyridine

Concen: 33.959 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

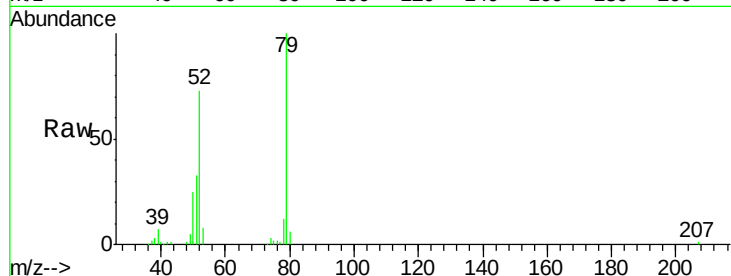
Tgt Ion: 79 Resp: 185688

Ion Ratio Lower Upper

79 100

52 72.5 59.8 89.6

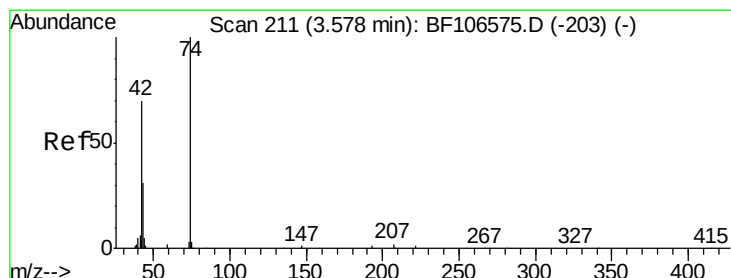
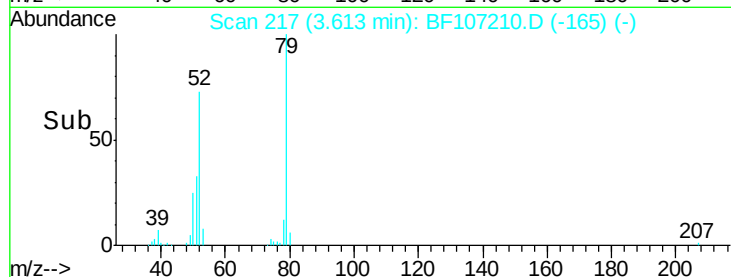
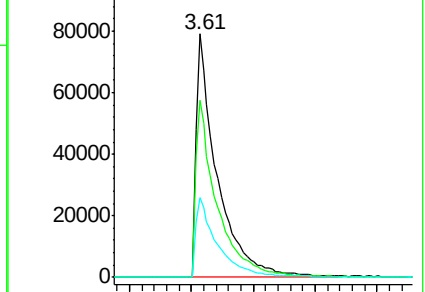
51 32.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.319 ng

RT: 3.58 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

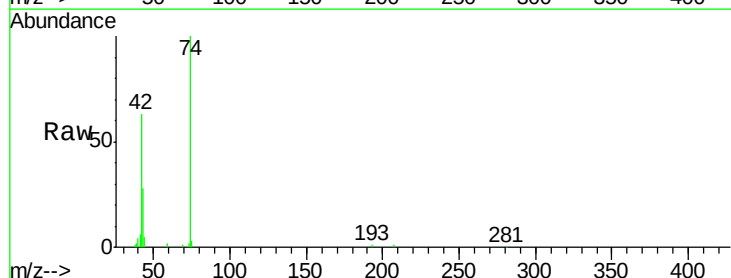
Tgt Ion: 42 Resp: 79702

Ion Ratio Lower Upper

42 100

74 157.7 104.9 157.3#

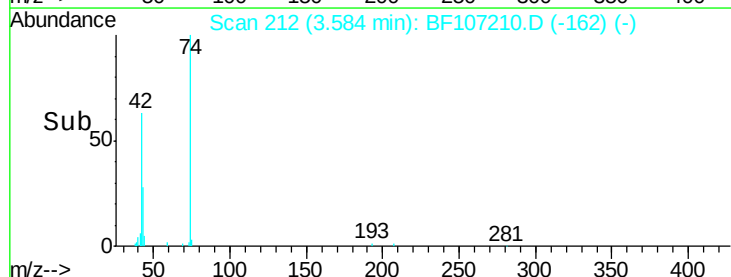
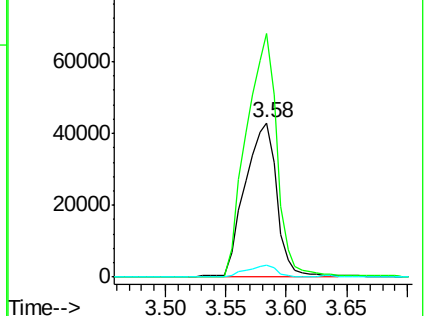
44 7.8 6.9 10.3

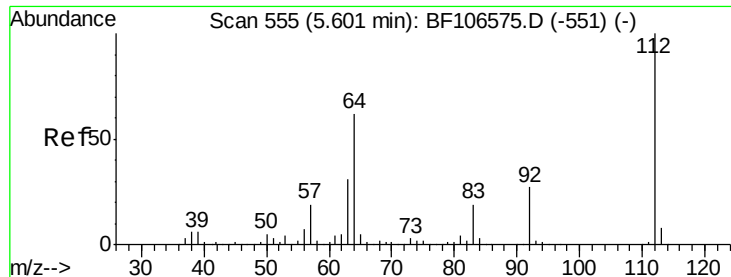


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.550 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

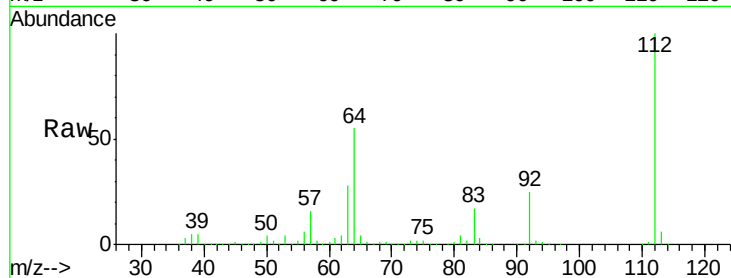
Tgt Ion: 112 Resp: 441380

Ion Ratio Lower Upper

112 100

64 55.2 47.9 71.9

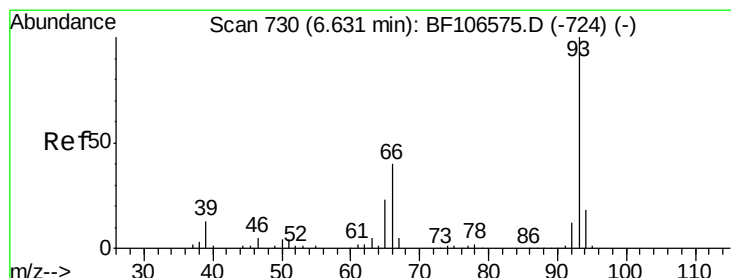
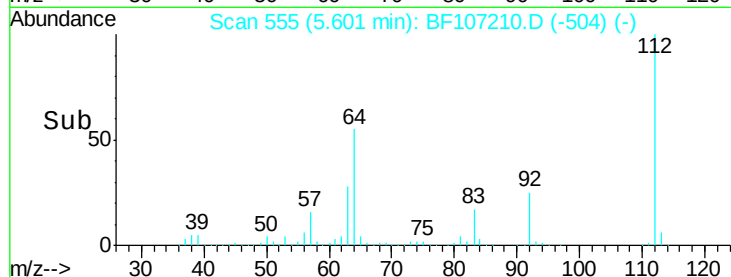
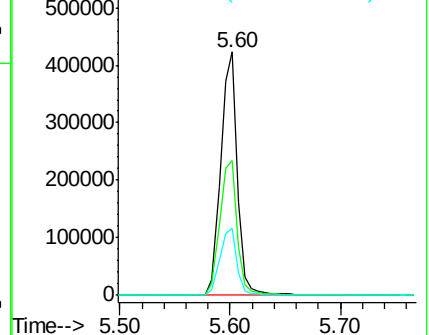
63 27.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.224 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

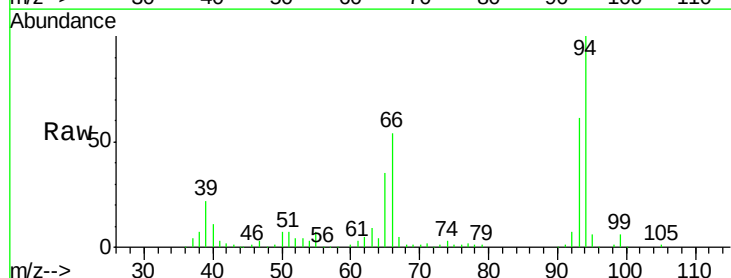
Tgt Ion: 93 Resp: 134355

Ion Ratio Lower Upper

93 100

66 87.7 32.2 48.2#

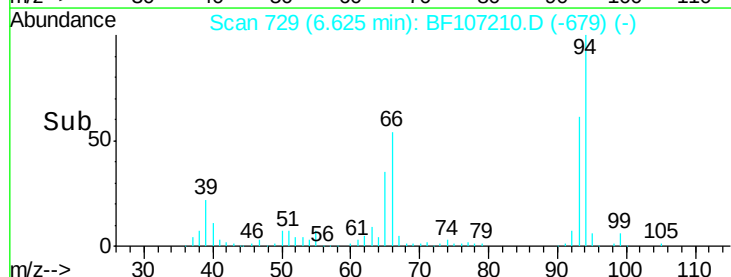
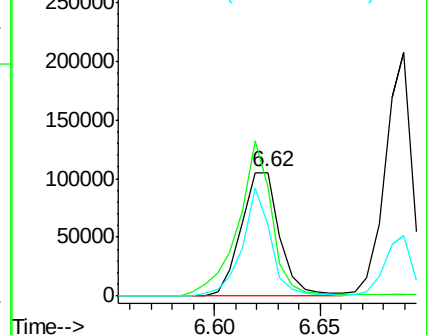
65 57.6 16.4 24.6#

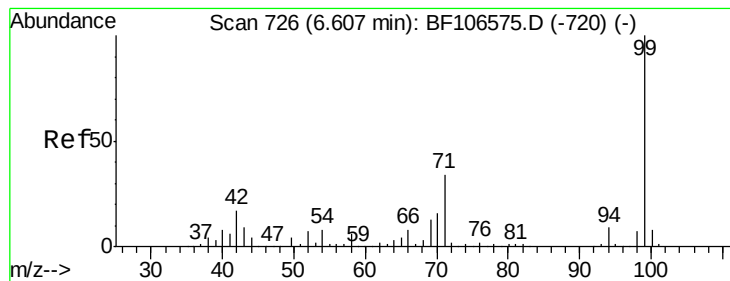


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.349 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

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ClientSampleId :

SURCHARGE-SP-1MSD

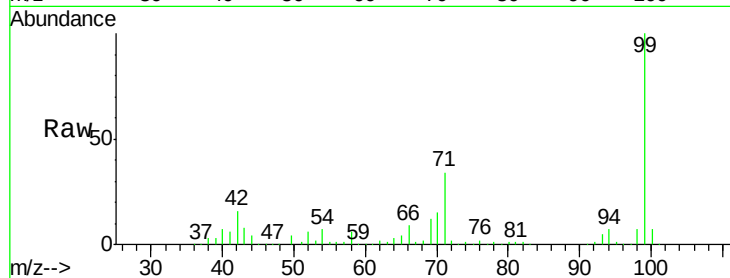
Tgt Ion: 99 Resp: 545317

Ion Ratio Lower Upper

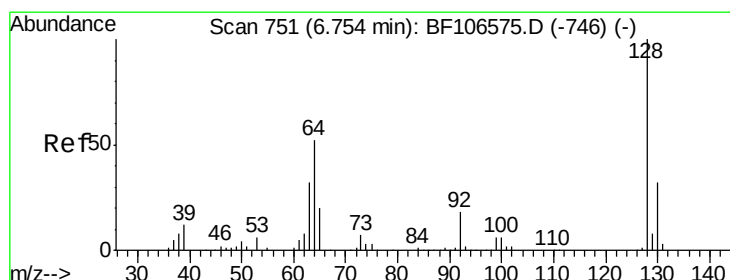
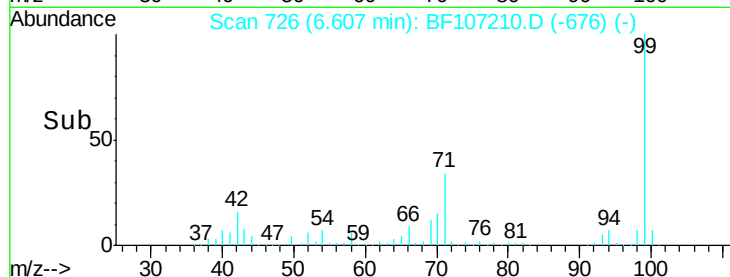
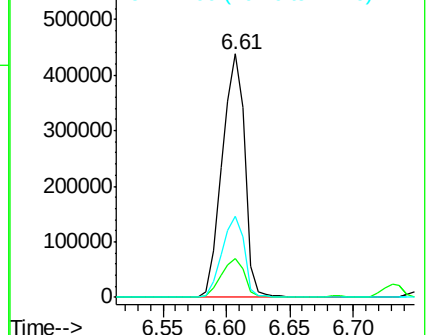
99 100

42 16.0 14.5 21.7

71 33.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.469 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

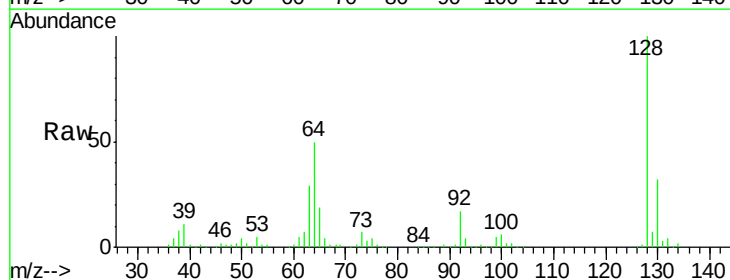
Tgt Ion: 128 Resp: 174071

Ion Ratio Lower Upper

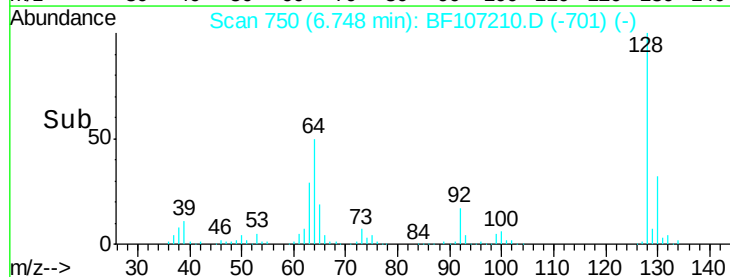
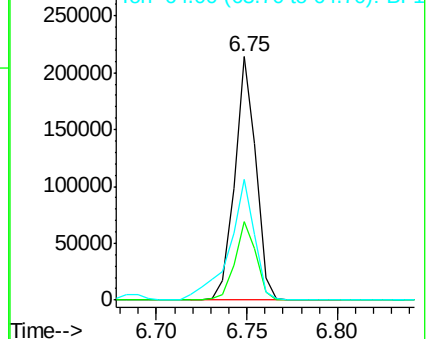
128 100

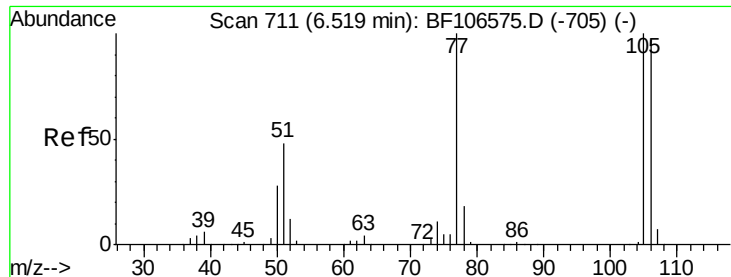
130 32.1 13.0 53.0

64 49.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.761 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

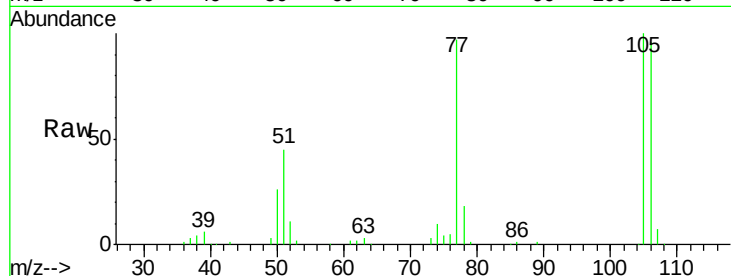
Tgt Ion: 77 Resp: 78872

Ion Ratio Lower Upper

77 100

105 102.9 81.1 121.1

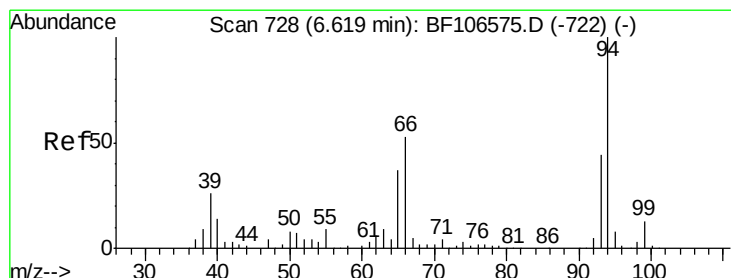
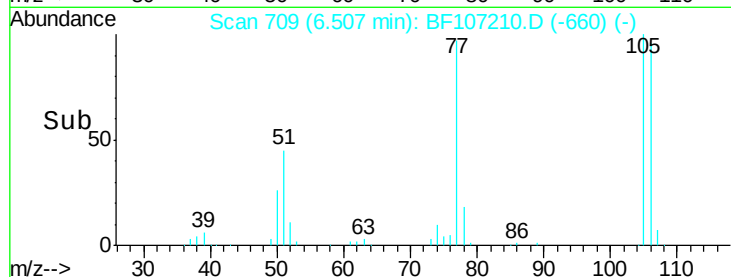
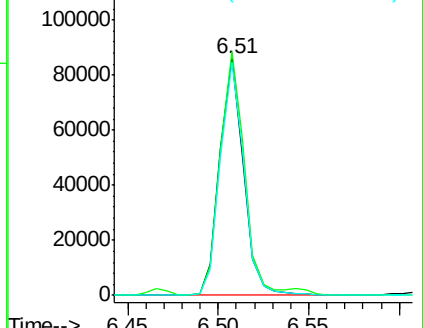
106 98.4 74.5 114.5



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: 39.589 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

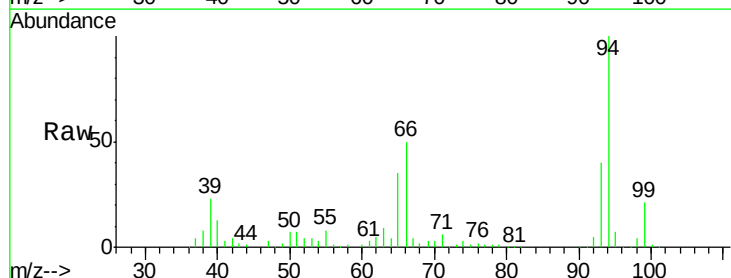
Tgt Ion: 94 Resp: 221266

Ion Ratio Lower Upper

94 100

65 34.6 7.9 47.9

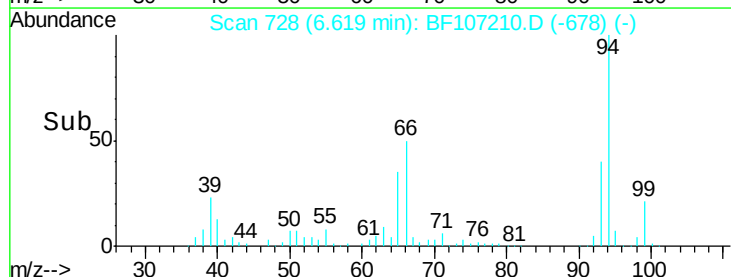
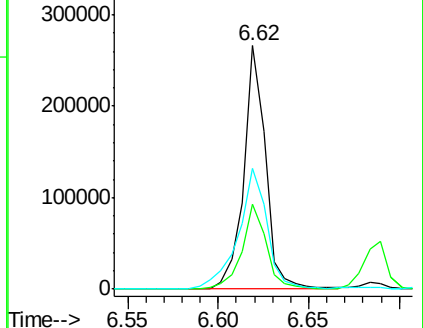
66 49.5 16.2 56.2

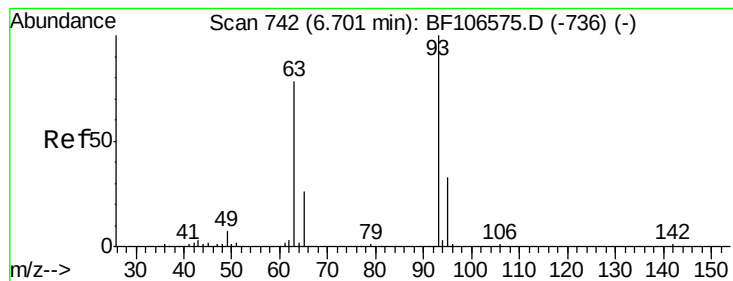


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

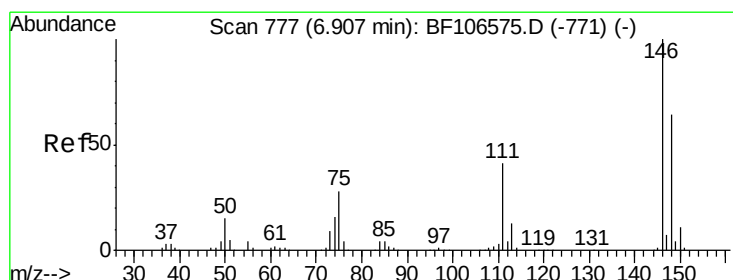
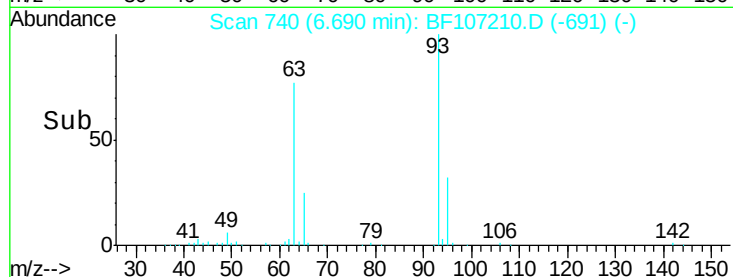
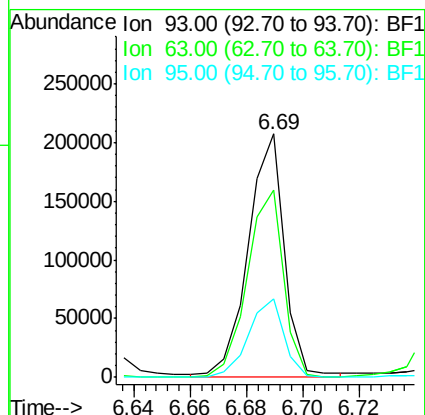
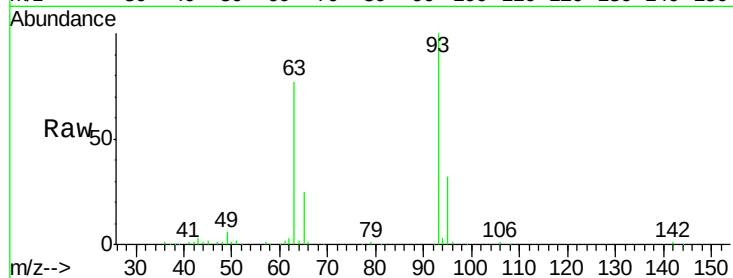




#11
bis(2-Chloroethyl)ether
Concen: 40.013 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

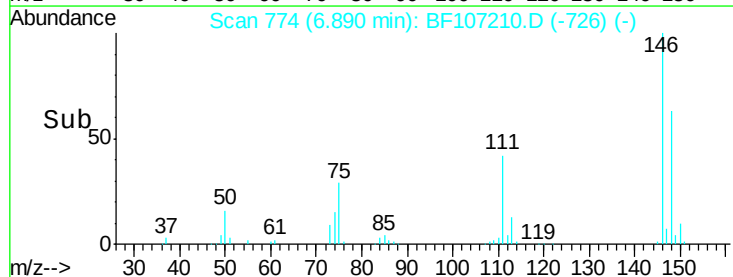
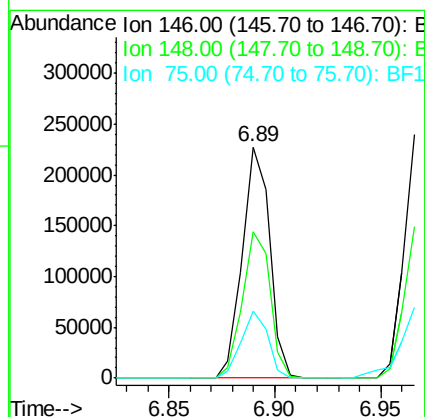
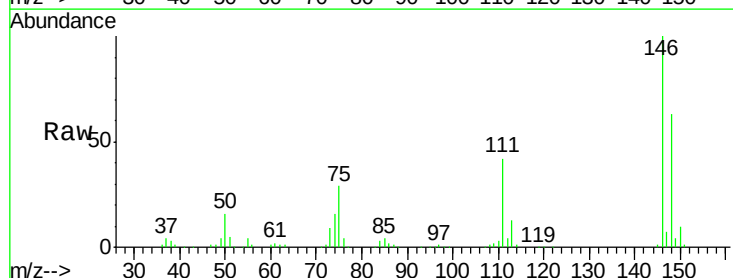
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

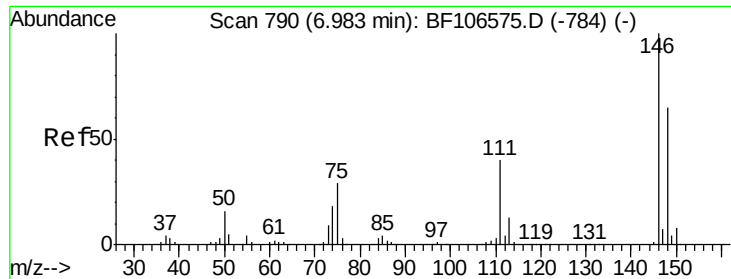
Tgt Ion: 93 Resp: 184624
Ion Ratio Lower Upper
93 100
63 76.7 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.536 ng
RT: 6.89 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion: 146 Resp: 204211
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 29.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.677 ng

RT: 6.97 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

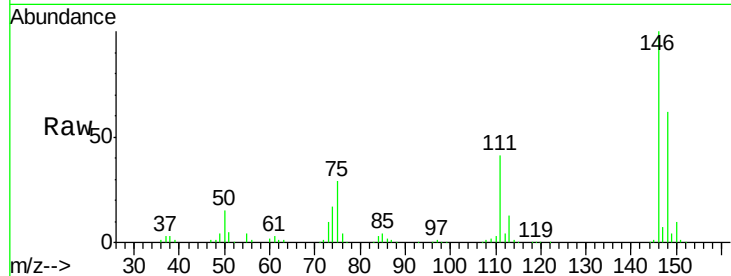
Tgt Ion:146 Resp: 207177

Ion Ratio Lower Upper

146 100

148 62.4 50.8 76.2

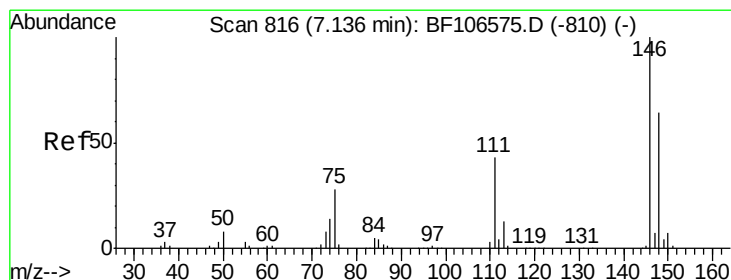
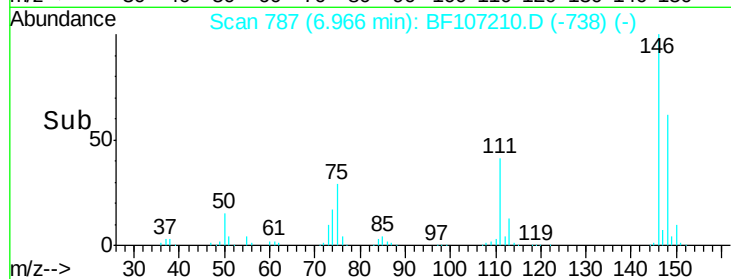
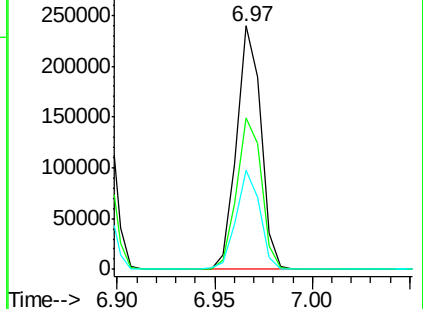
111 40.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.026 ng

RT: 7.12 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

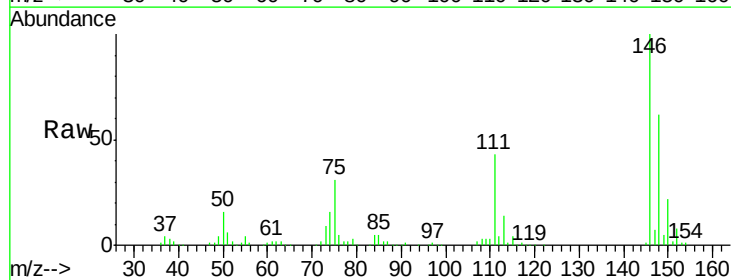
Tgt Ion:146 Resp: 191499

Ion Ratio Lower Upper

146 100

148 62.2 50.6 75.8

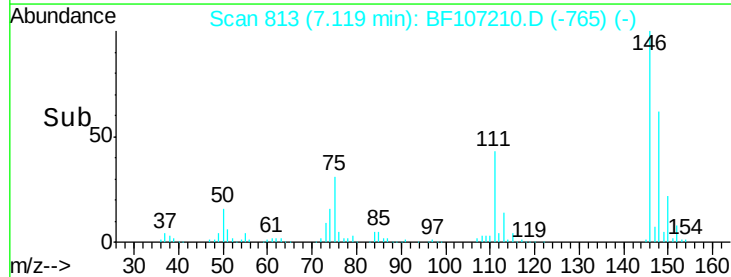
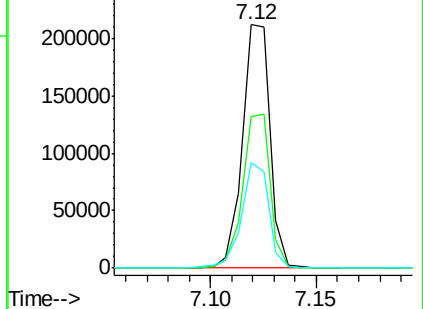
111 43.2 36.0 54.0

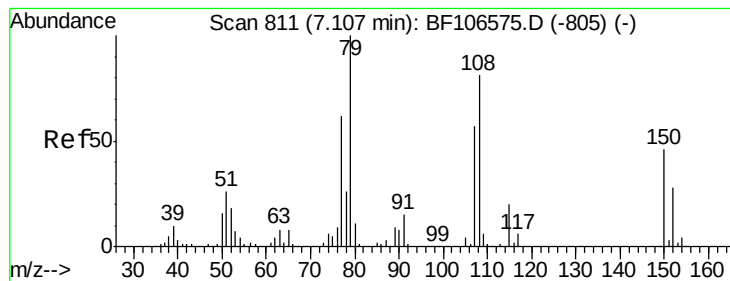


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.935 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

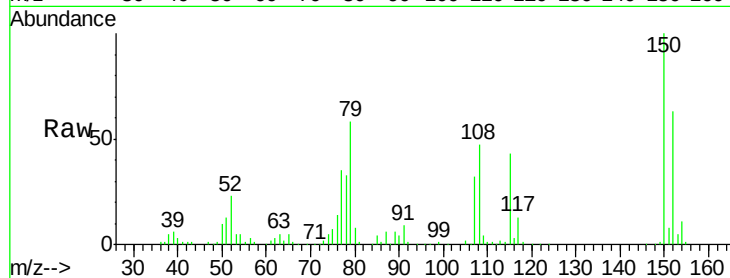
Tgt Ion: 79 Resp: 141311

Ion Ratio Lower Upper

79 100

108 81.1 65.1 97.7

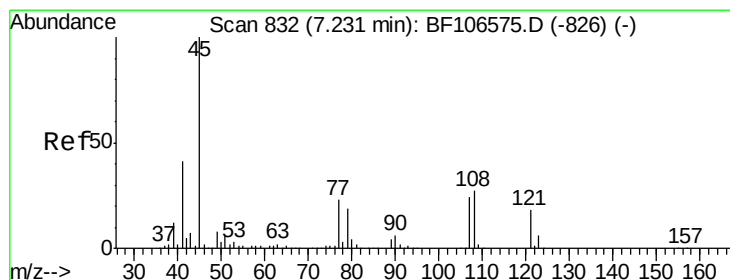
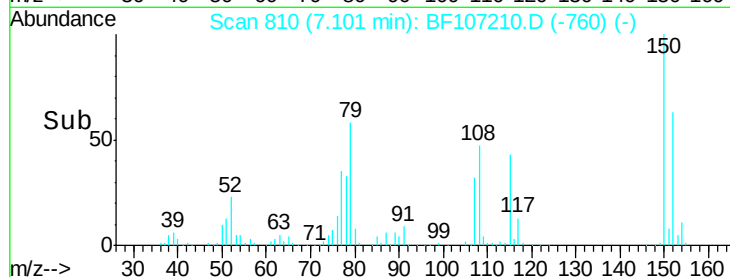
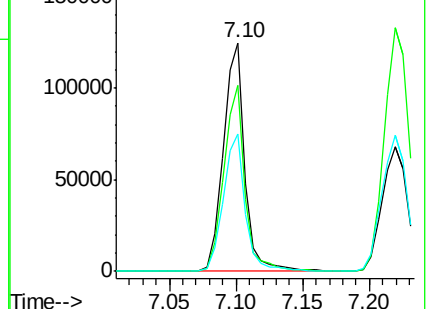
77 59.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.800 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

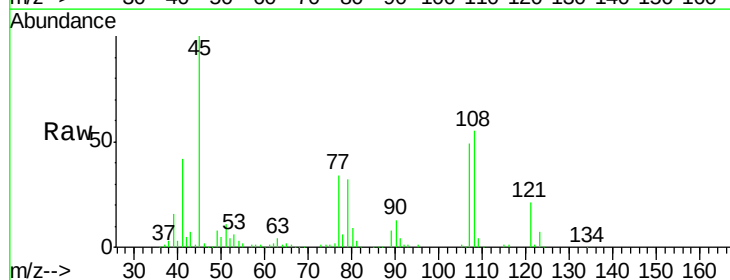
Tgt Ion: 45 Resp: 246995

Ion Ratio Lower Upper

45 100

77 34.2 0.0 32.9#

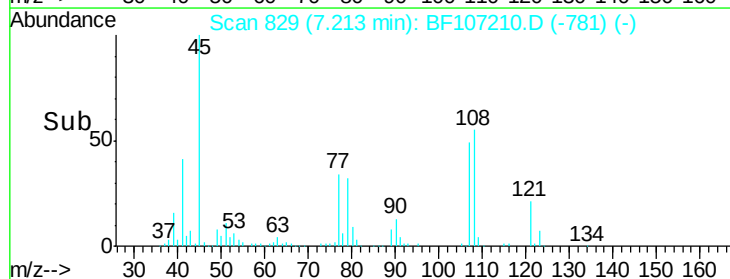
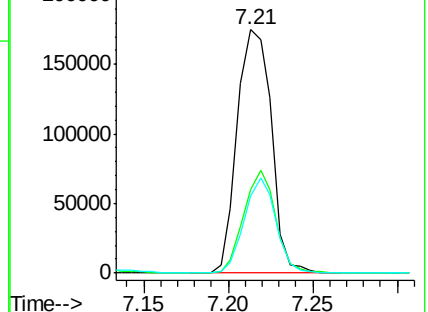
79 31.5 0.0 29.6#

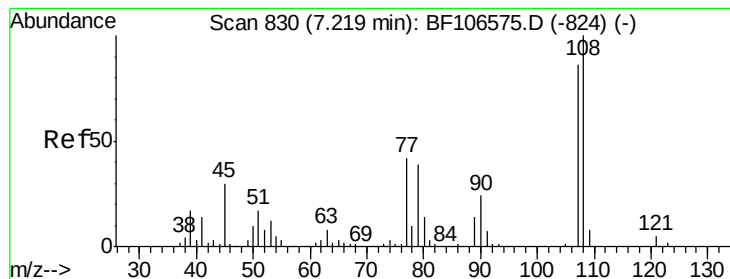


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.294 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

Tgt Ion:107 Resp: 152003

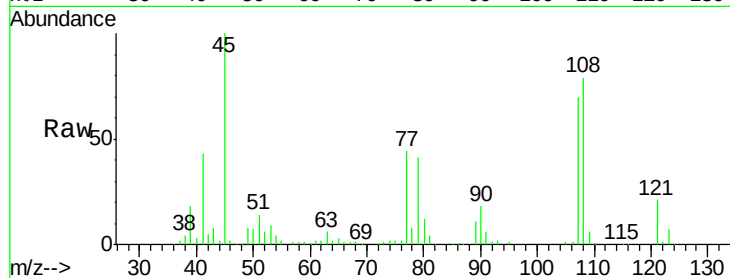
Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 62.8 33.8 50.8#

79 57.6 33.8 50.8#

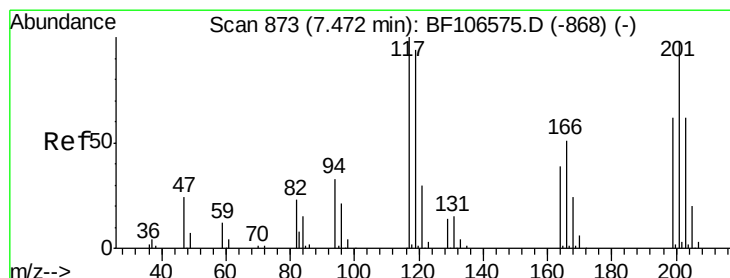
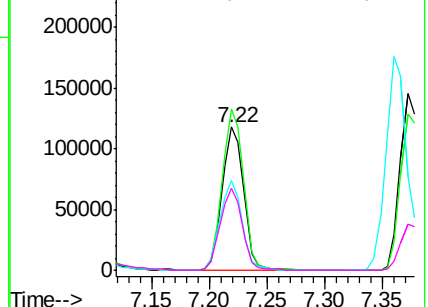
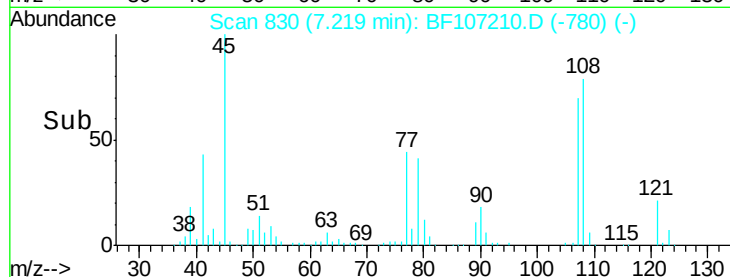


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.091 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

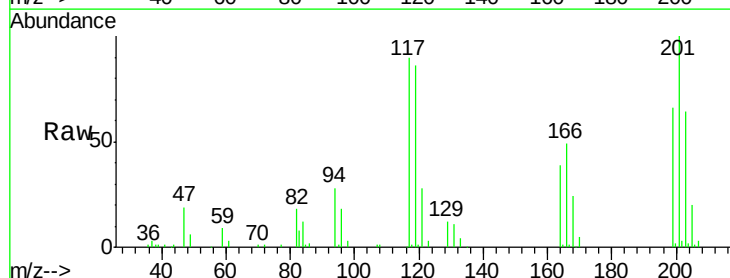
Tgt Ion:117 Resp: 57477

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

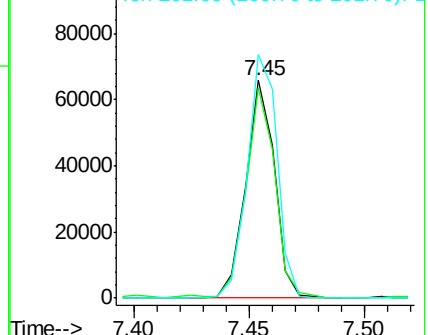
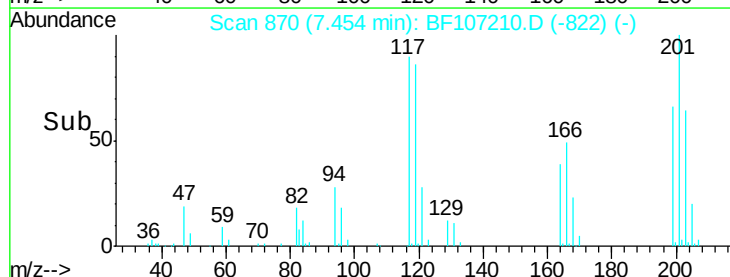
201 111.7 75.7 113.5

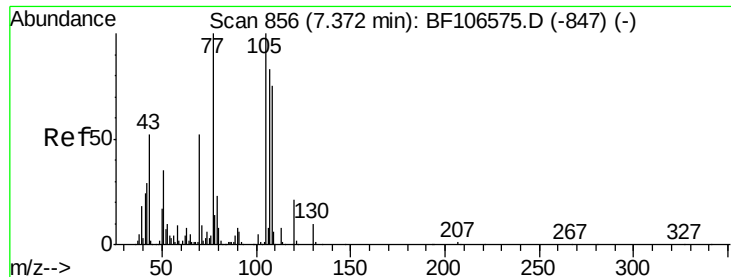


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

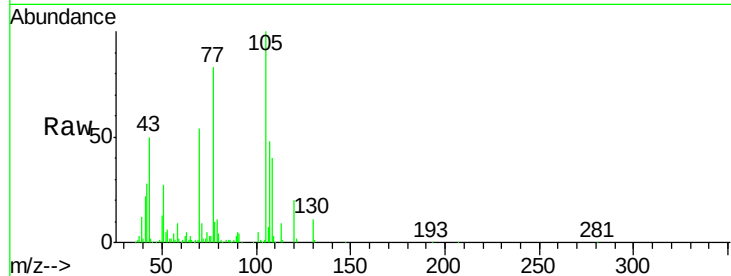




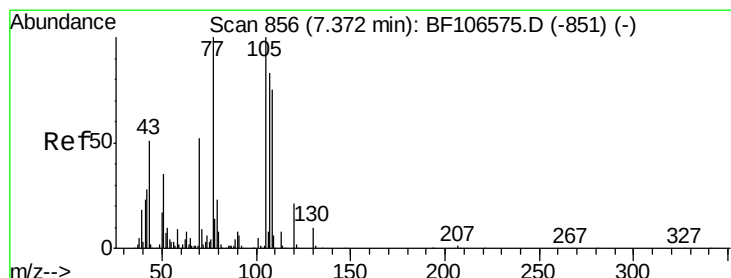
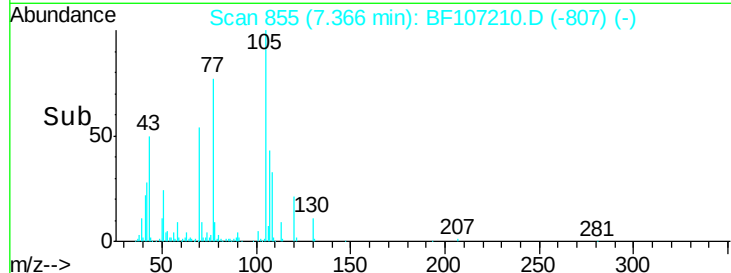
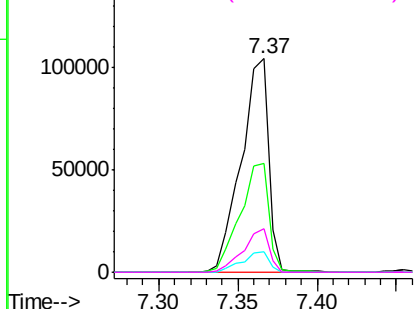
#19
n-Nitroso-di-n-propylamine
Concen: 38.705 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tgt Ion:	70	Resp:	124948
Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	9.8	7.4	11.2
130	20.4	16.6	25.0

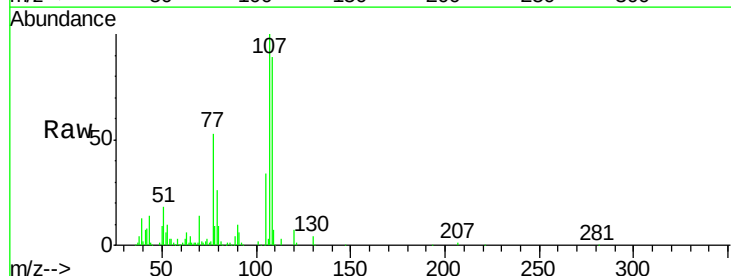


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

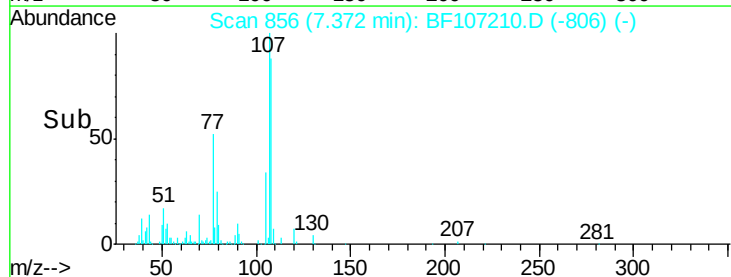
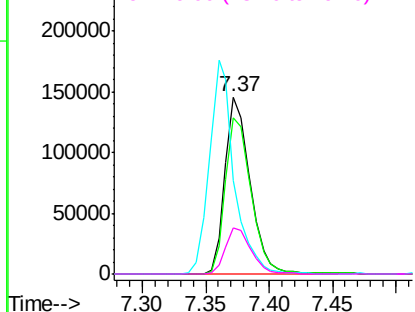


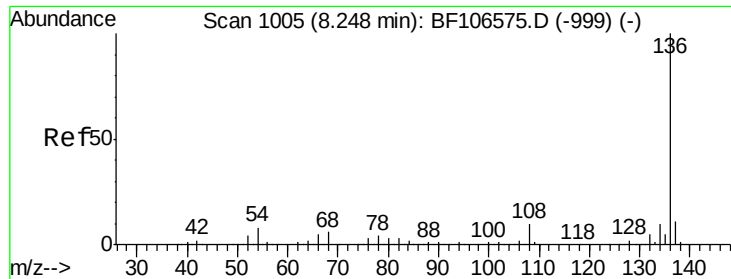
#20
3+4-Methylphenols
Concen: 53.247 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion:	107	Resp:	200791
Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	52.8	26.7	66.7
79	26.1	6.3	46.3



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

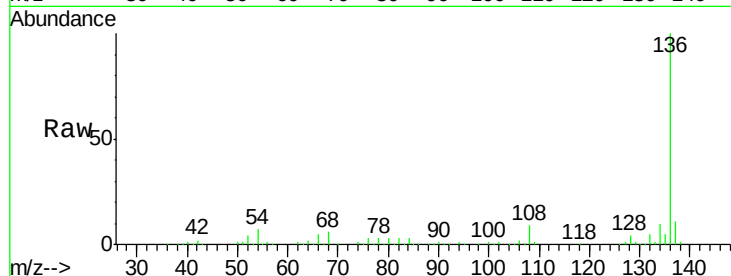




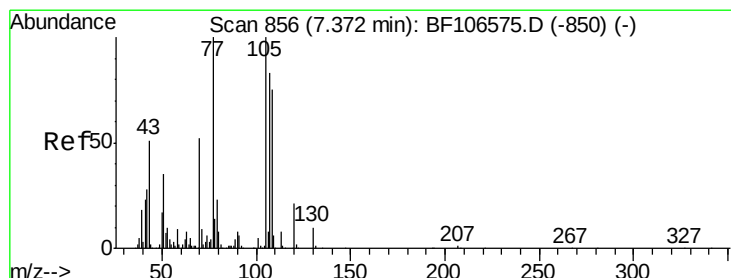
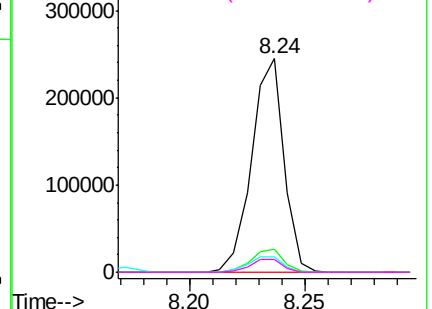
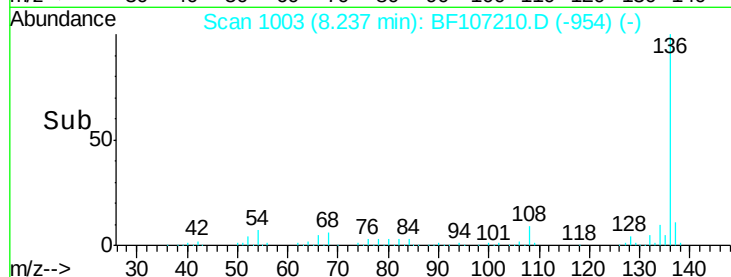
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tgt Ion:	136	Resp:	239267
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	7.5	6.6	9.8
68	5.9	5.0	7.4

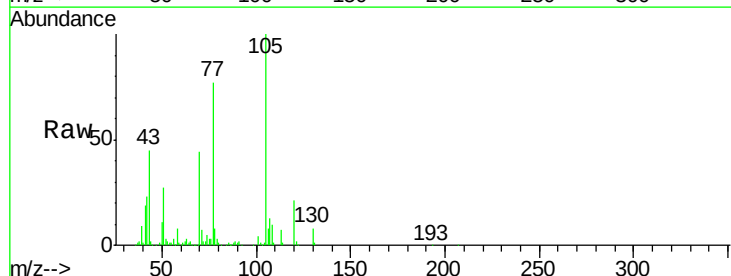


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

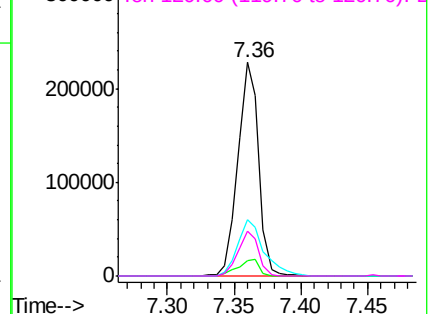
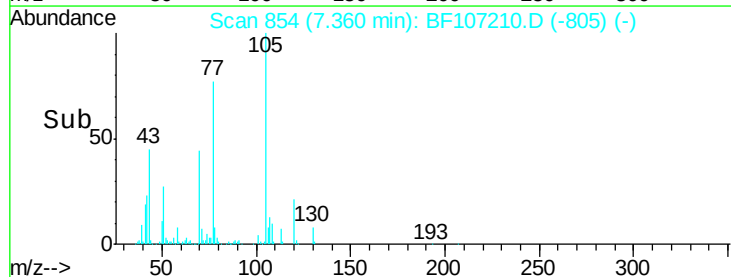


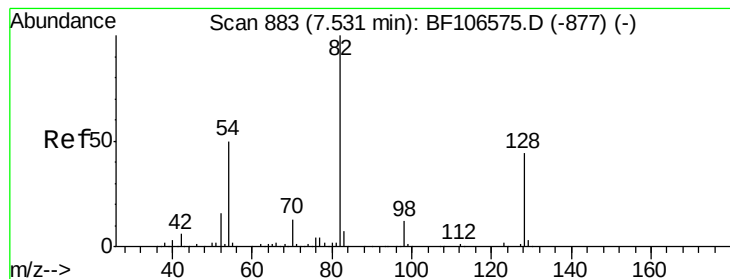
#22
Acetophenone
Concen: 46.449 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion:	105	Resp:	248644
Ion Ratio	Lower	Upper	
105	100		
71	7.4	4.4	6.6#
51	26.7	22.3	33.5
120	21.0	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: 82.203 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

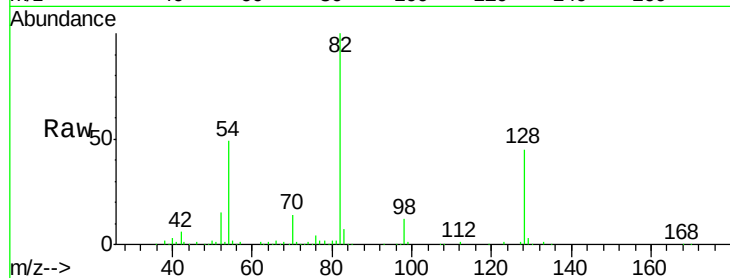
Tgt Ion: 82 Resp: 353917

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

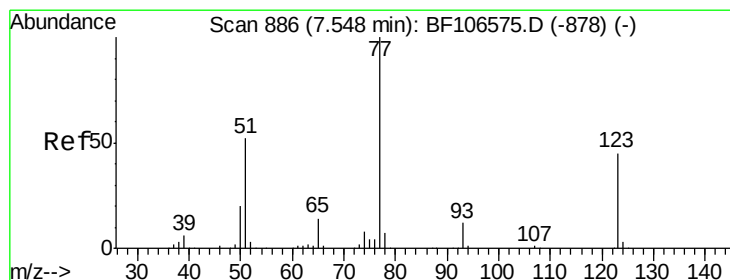
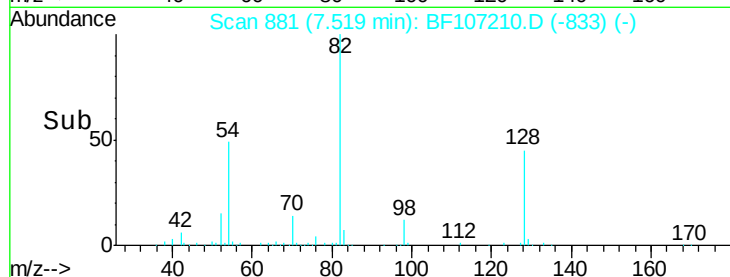
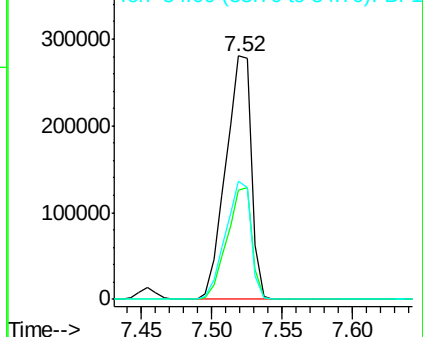
54 48.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 43.108 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

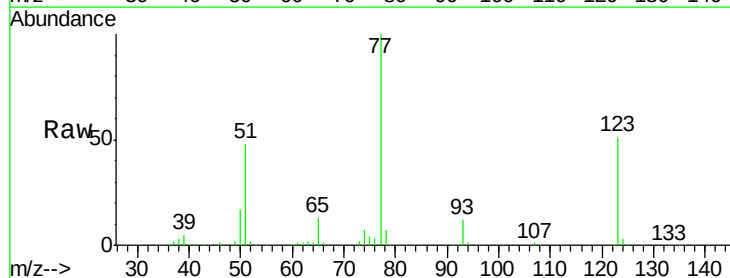
Tgt Ion: 77 Resp: 189485

Ion Ratio Lower Upper

77 100

123 51.1 37.9 56.9

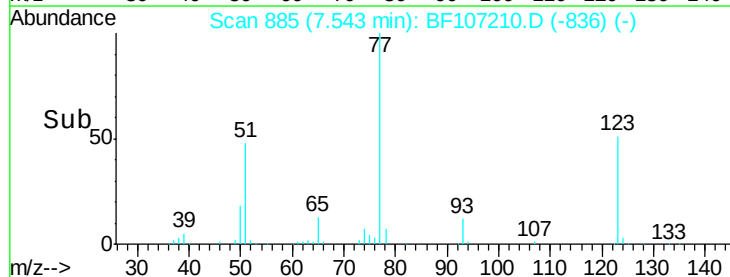
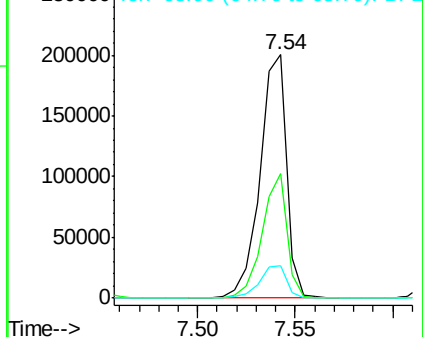
65 13.4 11.0 16.4

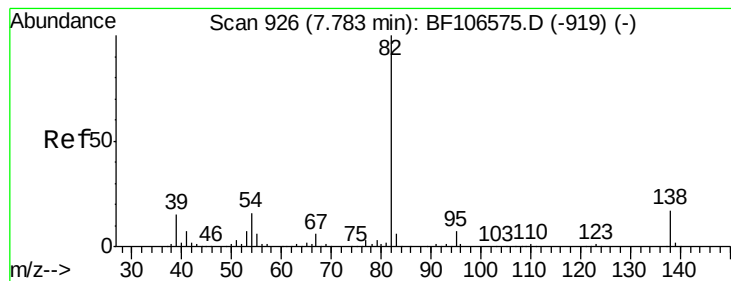


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.113 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

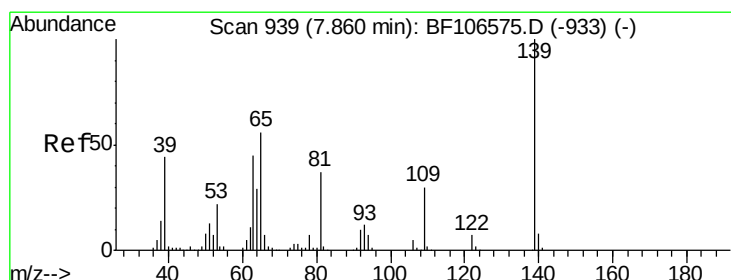
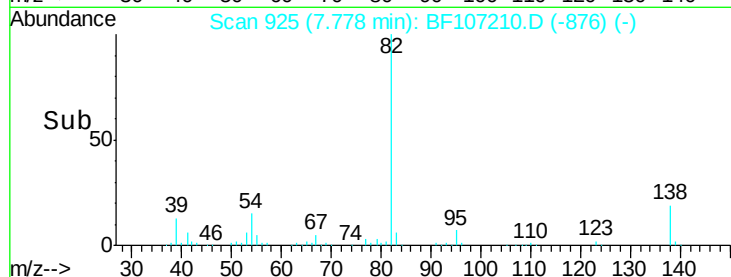
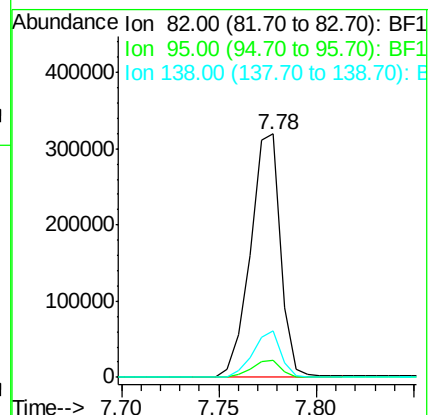
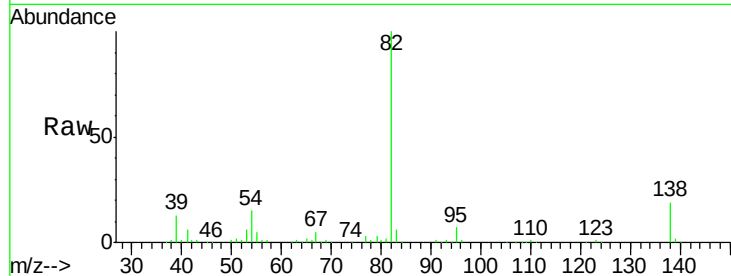
Tgt Ion: 82 Resp: 342263

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 43.254 ng

RT: 7.85 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

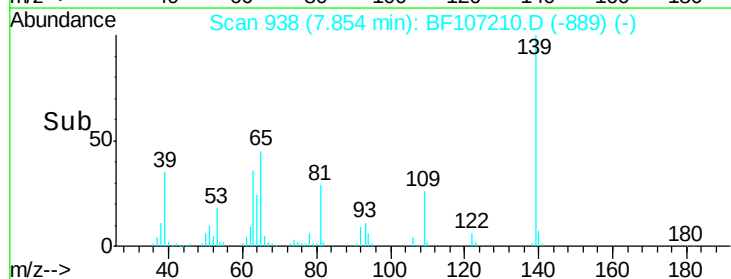
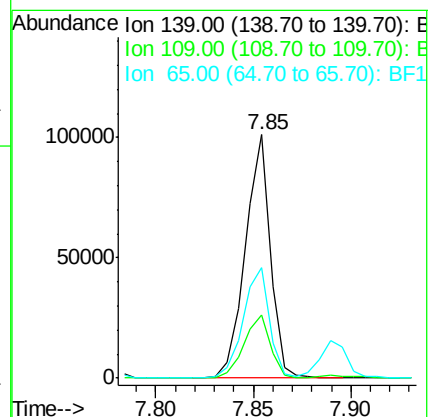
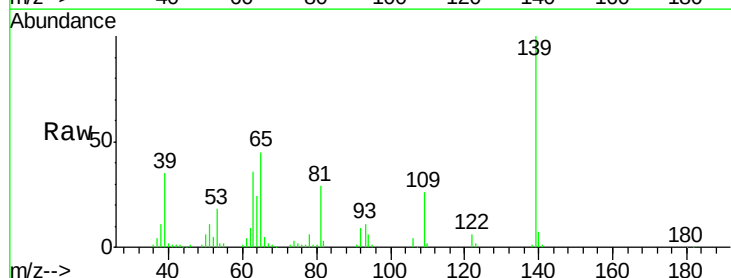
Tgt Ion: 139 Resp: 89755

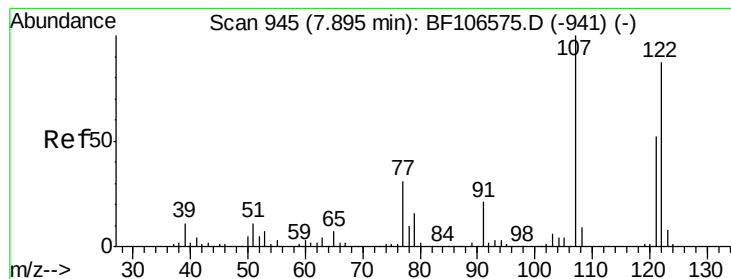
Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

65 45.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 50.902 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

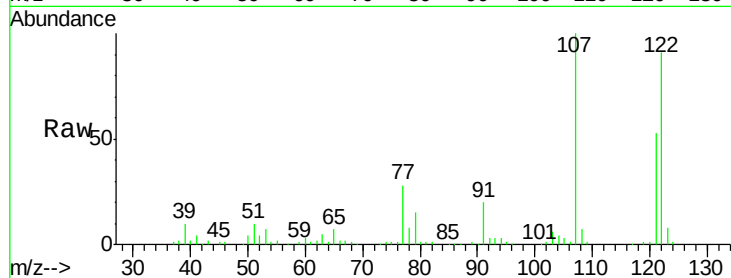
Tgt Ion:122 Resp: 163257

Ion Ratio Lower Upper

122 100

107 109.6 91.2 136.8

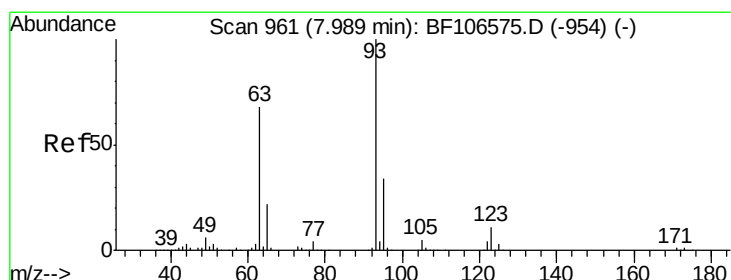
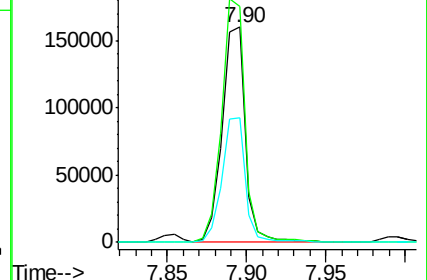
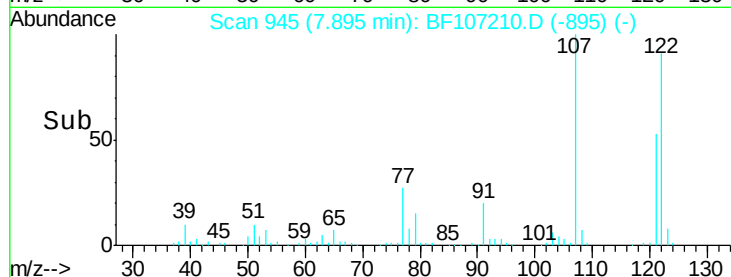
121 57.6 47.2 70.8



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: 44.545 ng

RT: 7.97 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

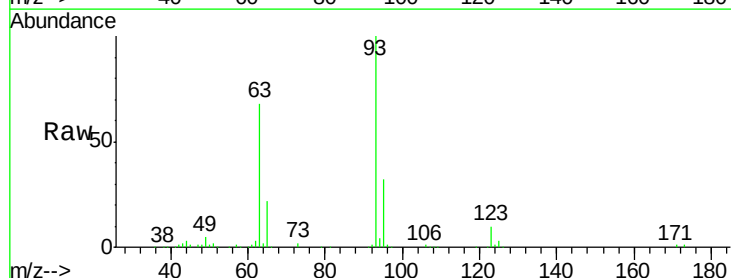
Tgt Ion: 93 Resp: 226911

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

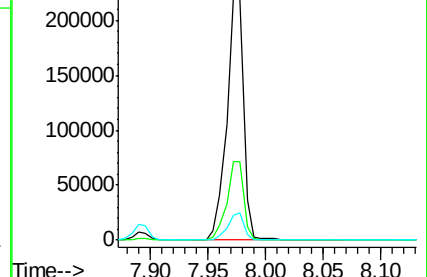
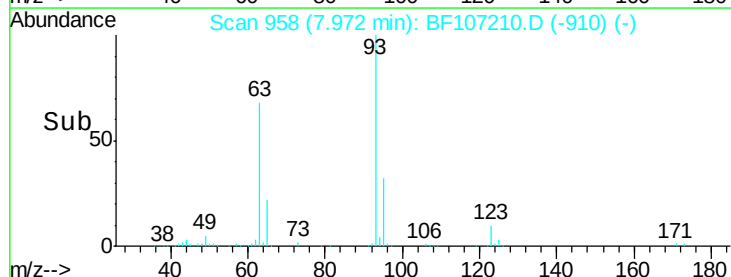
123 10.0 9.8 14.6

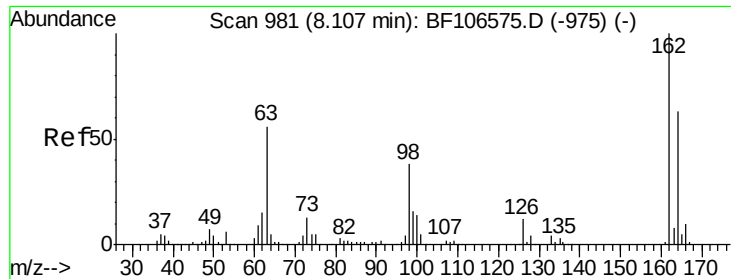


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

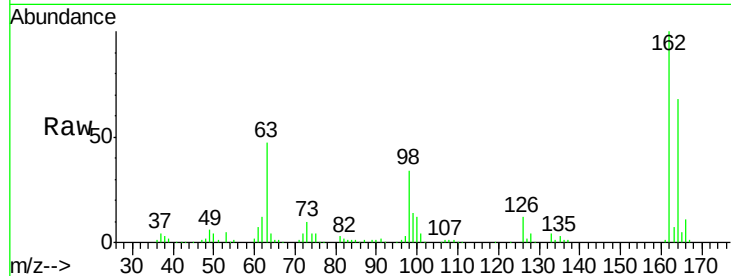




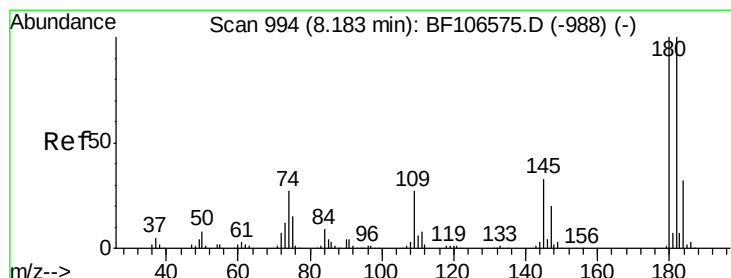
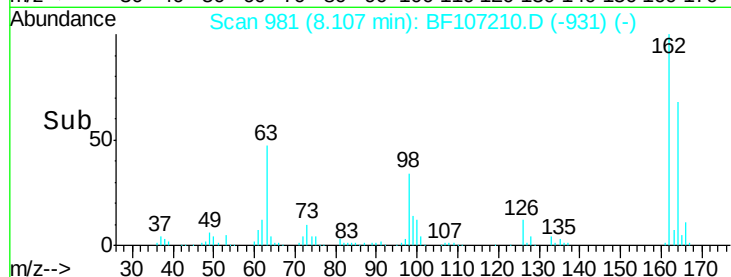
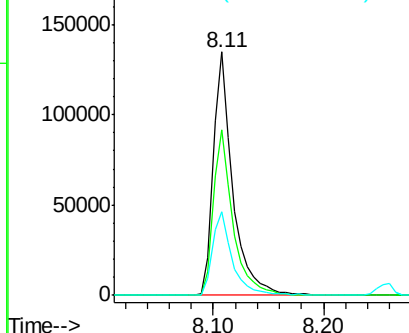
#29
2,4-Dichlorophenol
Concen: 48.428 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tgt Ion:162 Resp: 162612
Ion Ratio Lower Upper
162 100
164 68.1 42.7 82.7
98 34.2 18.1 58.1

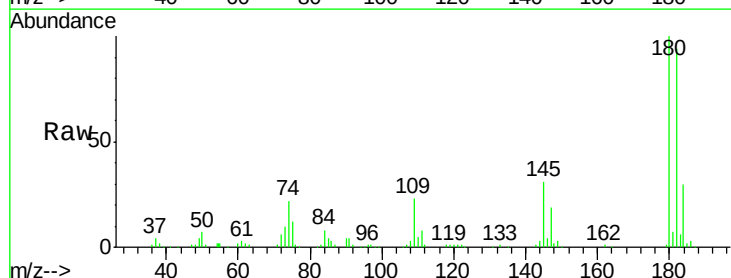


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

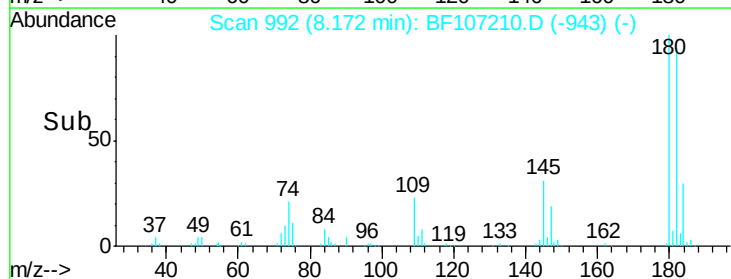
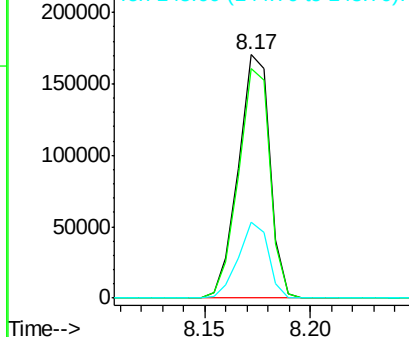


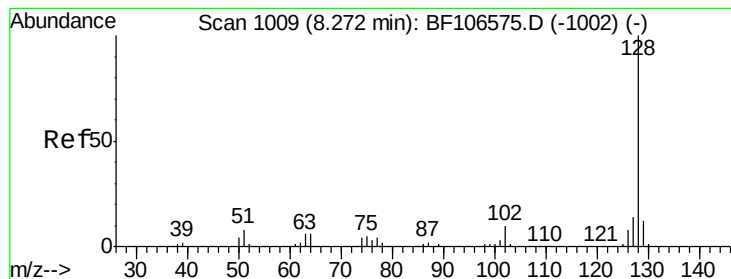
#30
1,2,4-Trichlorobenzene
Concen: 47.602 ng
RT: 8.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion:180 Resp: 176084
Ion Ratio Lower Upper
180 100
182 94.4 76.8 115.2
145 31.3 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: 45.640 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

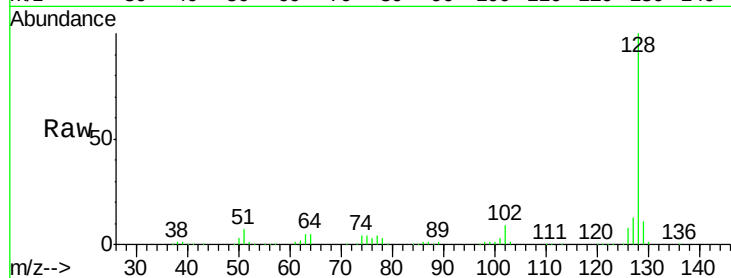
Tgt Ion:128 Resp: 510548

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

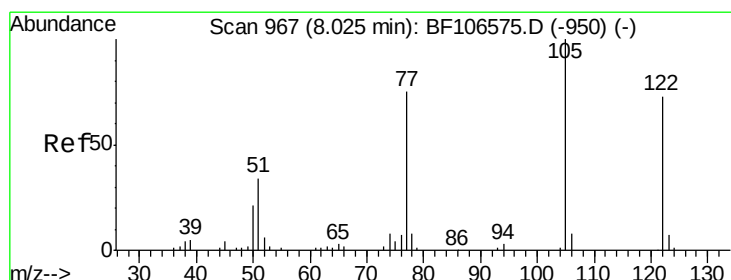
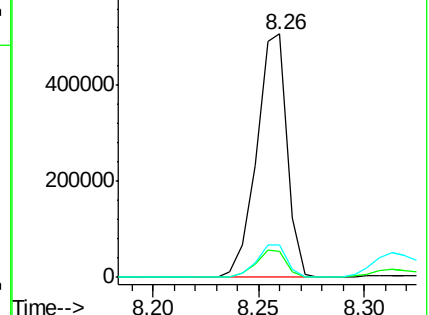
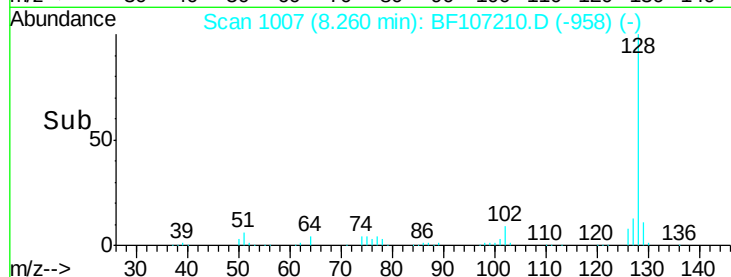
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.349 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.05 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

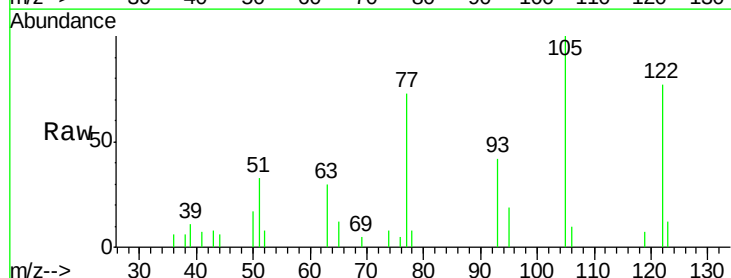
Tgt Ion:122 Resp: 6935

Ion Ratio Lower Upper

122 100

105 129.3 101.1 141.1

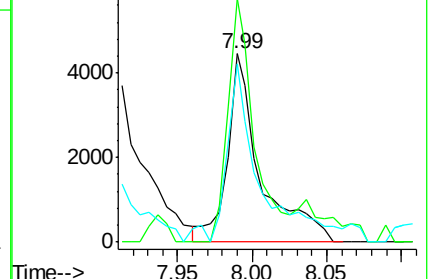
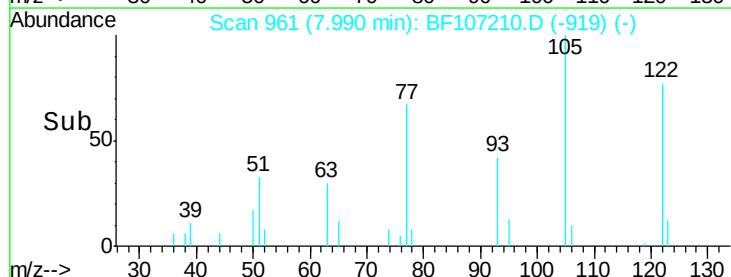
77 95.0 70.7 110.7

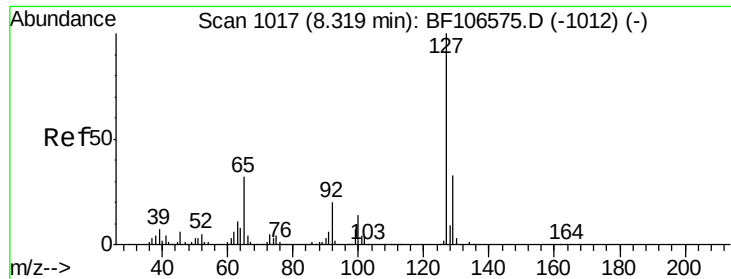


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

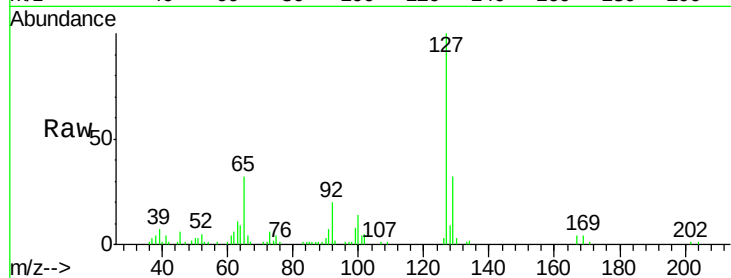




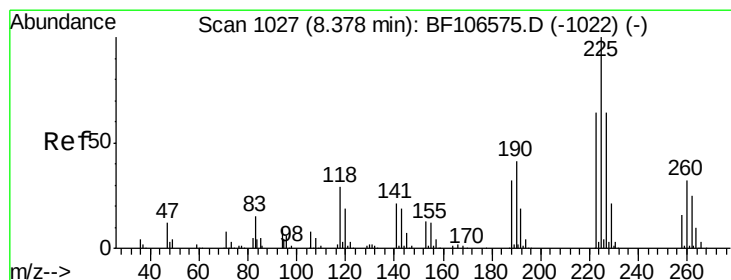
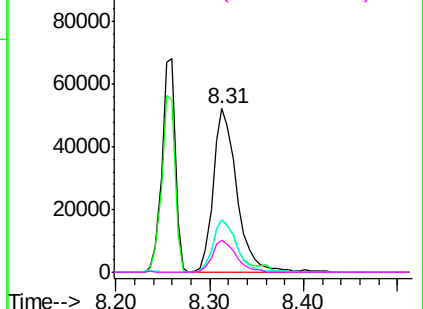
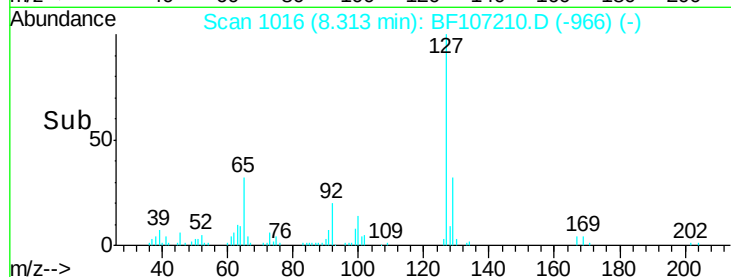
#33
4-Chloroaniline
Concen: 19.755 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tgt Ion:	127	Resp:	92728
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	32.0	25.0	37.4
92	19.7	15.2	22.8

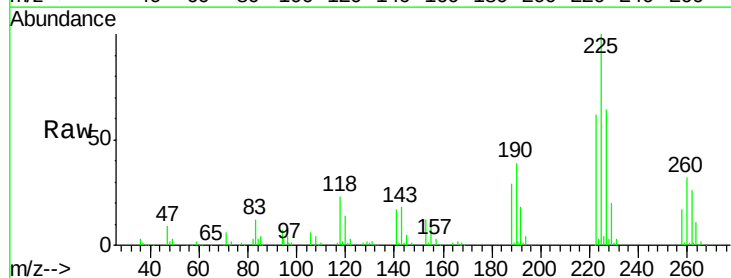


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

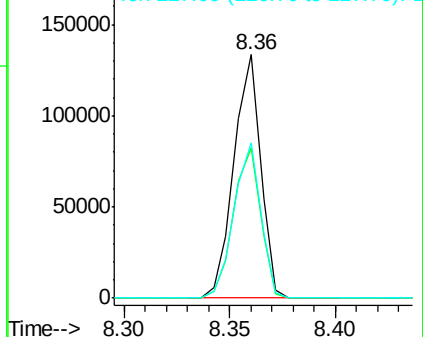
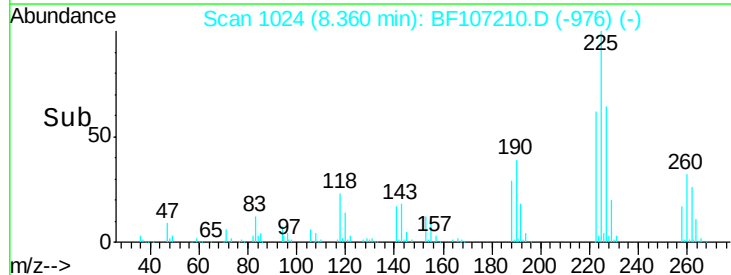


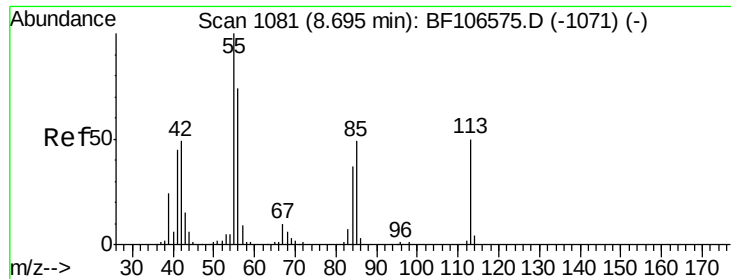
#34
Hexachlorobutadiene
Concen: 48.635 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion:	225	Resp:	117224
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	64.0	51.9	77.9



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

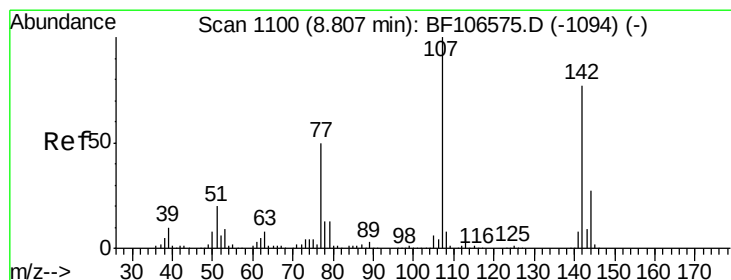
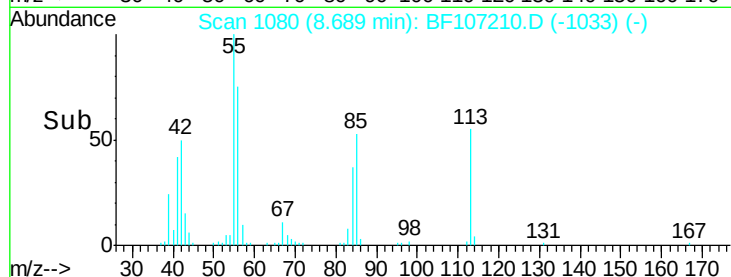
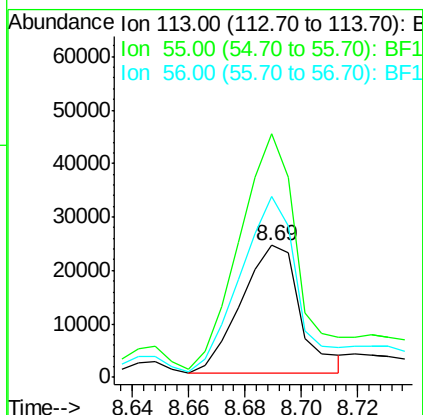
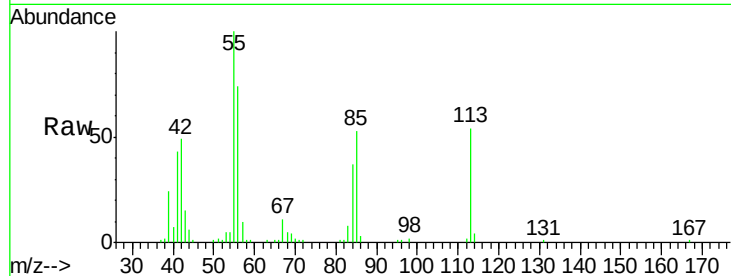




#35
 Caprolactam
 Concen: 32.092 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

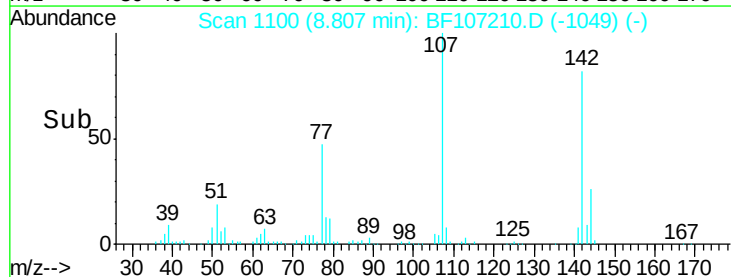
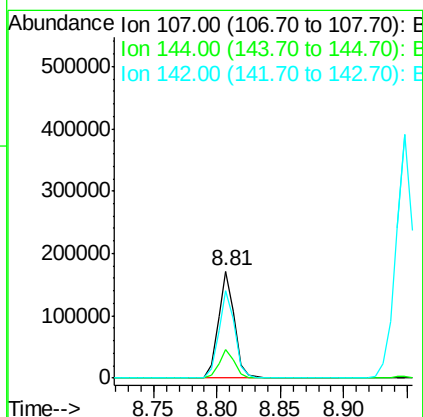
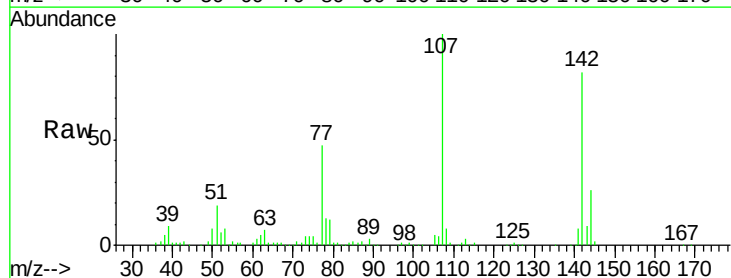
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

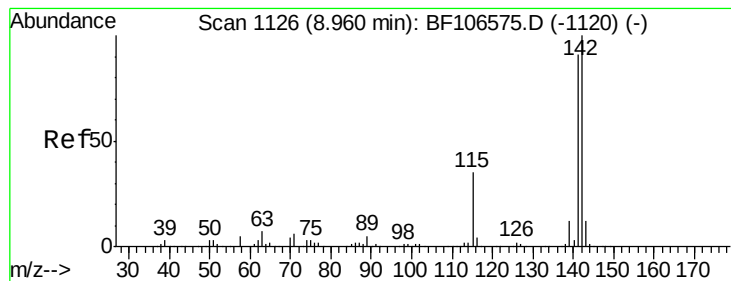
Tgt Ion:113 Resp: 35127
 Ion Ratio Lower Upper
 113 100
 55 184.3 163.3 203.3
 56 137.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.365 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion:107 Resp: 153267
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 82.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 48.406 ng

RT: 8.95 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

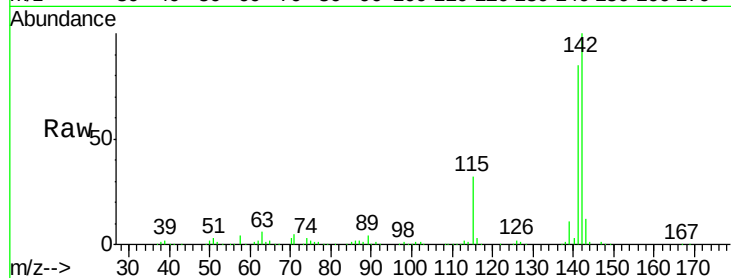
Tgt Ion:142 Resp: 358911

Ion Ratio Lower Upper

142 100

141 85.1 70.8 106.2

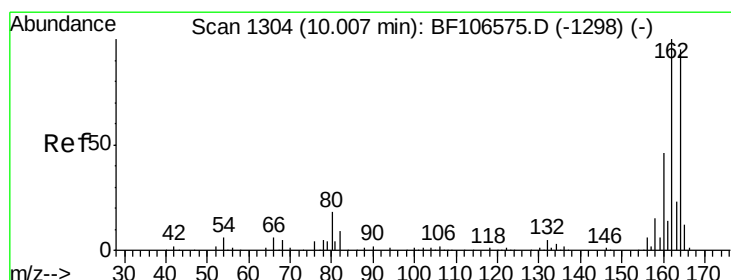
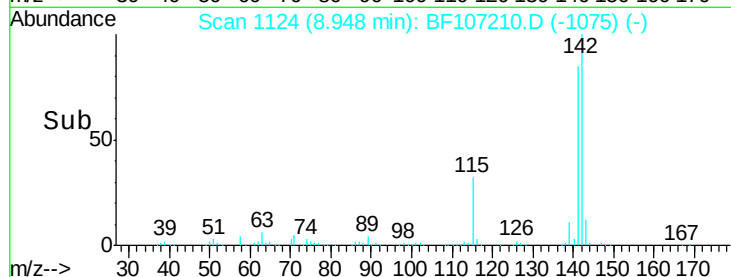
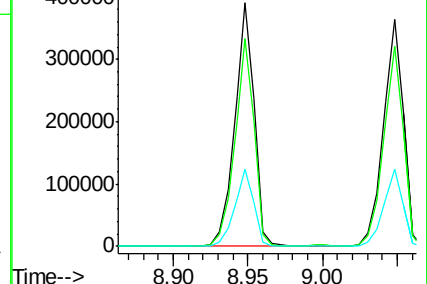
115 31.8 26.1 39.1



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: BF107210.D

Acq: 7 Jul 2018 16:54

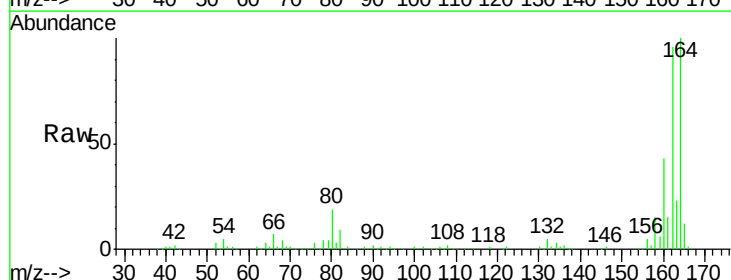
Tgt Ion:164 Resp: 115890

Ion Ratio Lower Upper

164 100

162 96.2 86.1 129.1

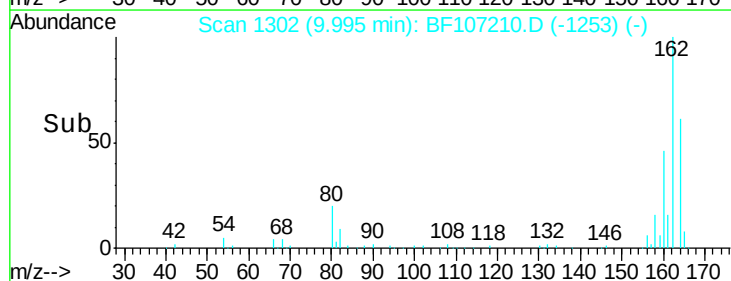
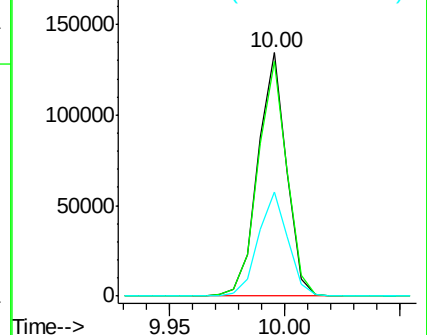
160 42.9 38.3 57.5

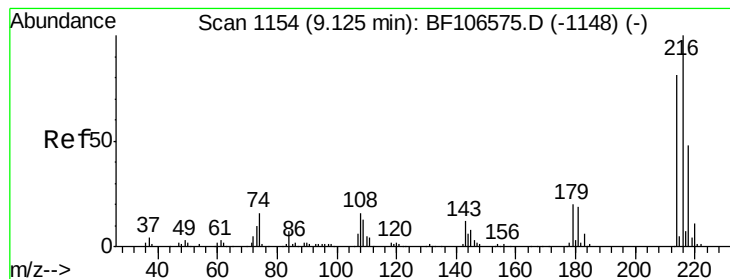


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.976 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

Tgt Ion:216 Resp: 183340

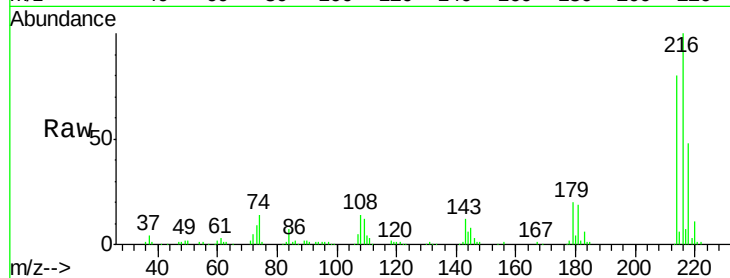
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 19.6 18.1 27.1

108 14.4 17.2 25.8#

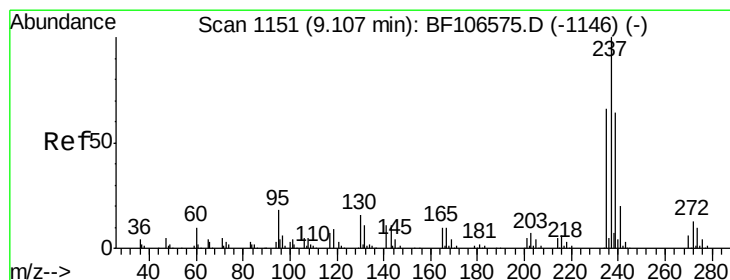
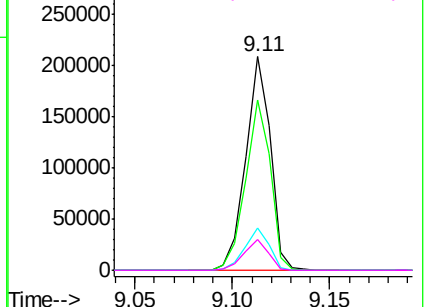
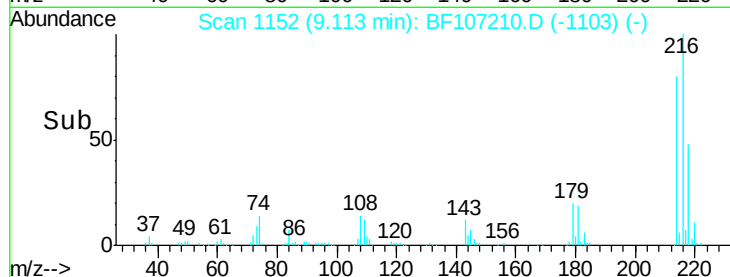


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.798 ng

RT: 9.09 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

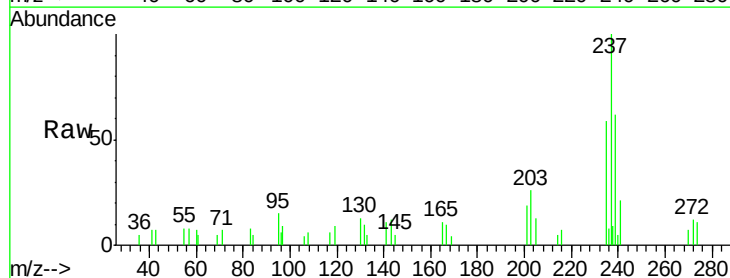
Tgt Ion:237 Resp: 5618

Ion Ratio Lower Upper

237 100

235 59.4 44.8 84.8

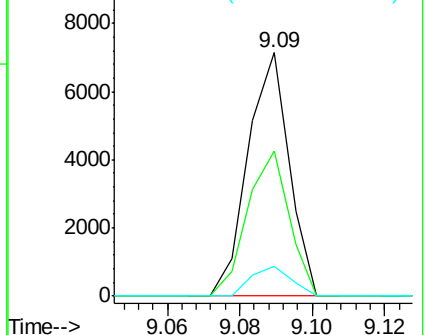
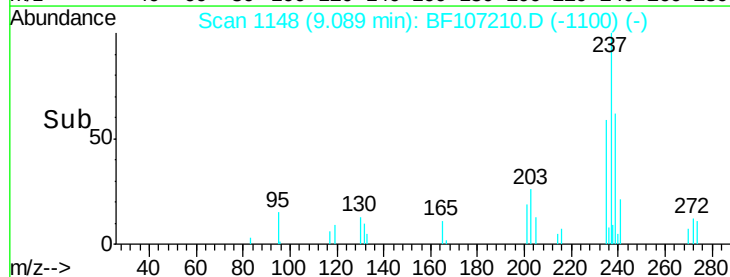
272 12.4 0.0 33.3

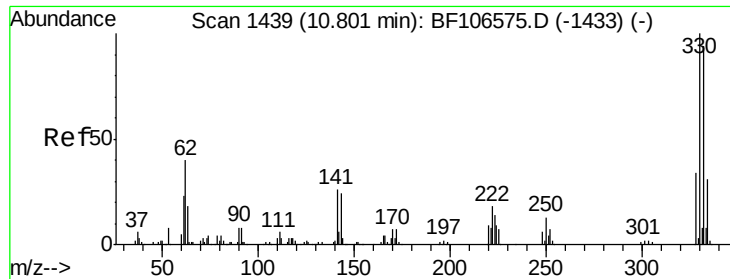


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 123.546 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

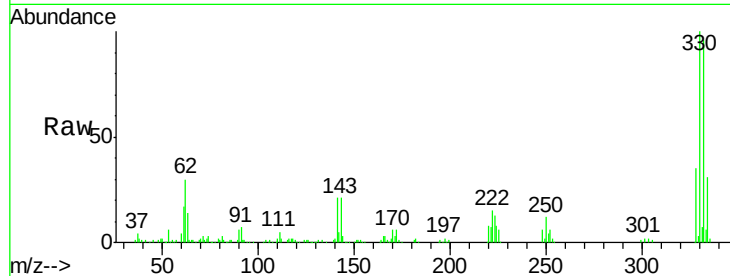
Tgt Ion:330 Resp: 165947

Ion Ratio Lower Upper

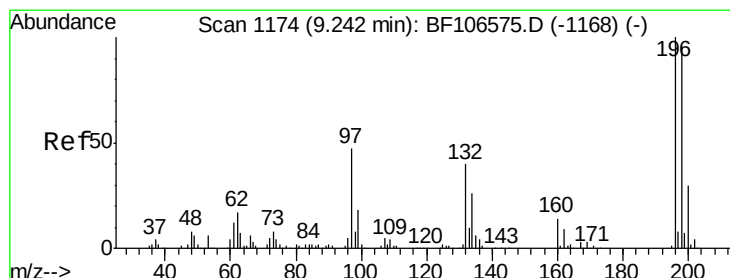
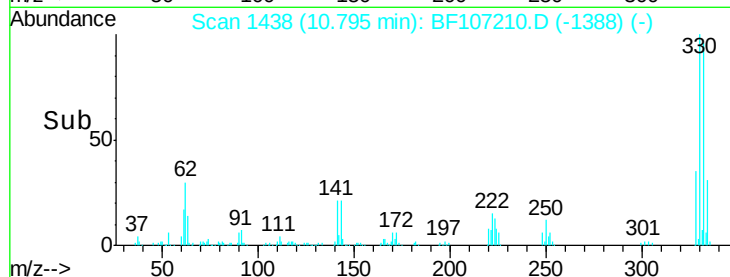
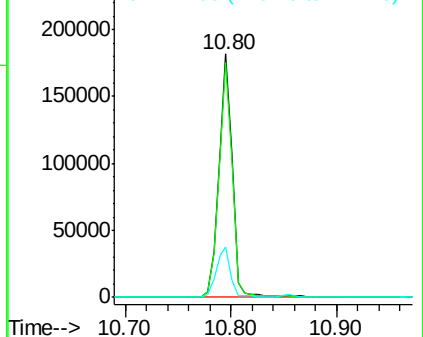
330 100

332 96.2 77.0 115.6

141 22.2 29.9 44.9#



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



#42

2,4,6-Trichlorophenol

Concen: 41.106 ng

RT: 9.24 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

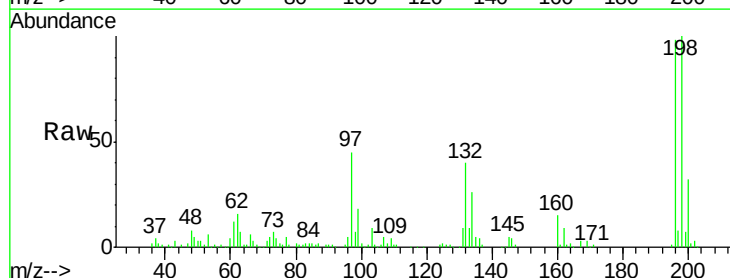
Tgt Ion:196 Resp: 106639

Ion Ratio Lower Upper

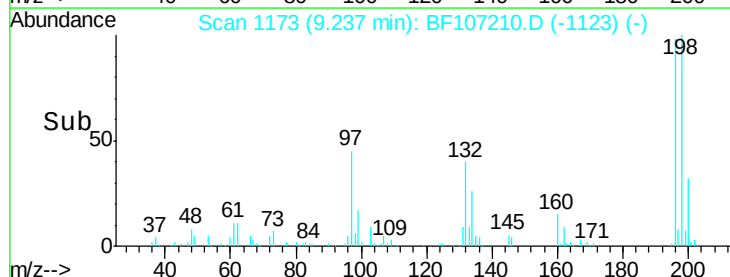
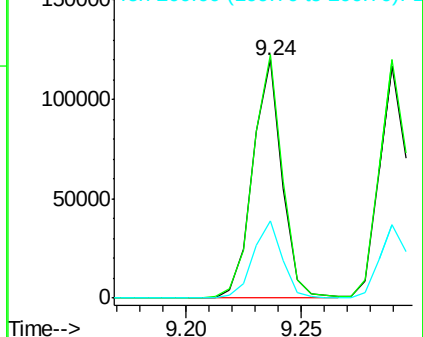
196 100

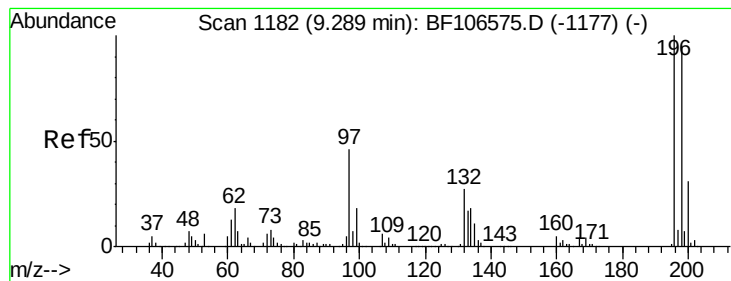
198 102.3 75.7 113.5

200 32.6 24.5 36.7



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





#43

2,4,5-Trichlorophenol

Concen: 38.852 ng

RT: 9.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

Tgt Ion:196 Resp: 105174

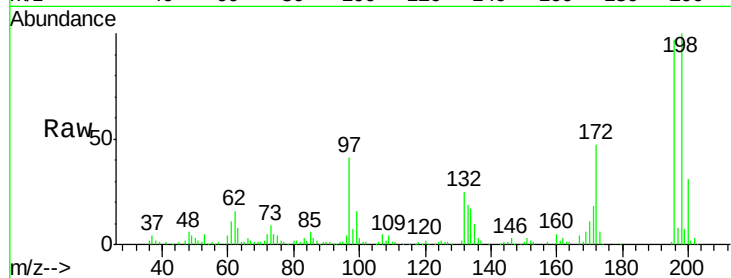
Ion Ratio Lower Upper

196 100

198 103.2 74.6 112.0

97 42.0 42.9 64.3#

132 26.3 26.3 39.5#

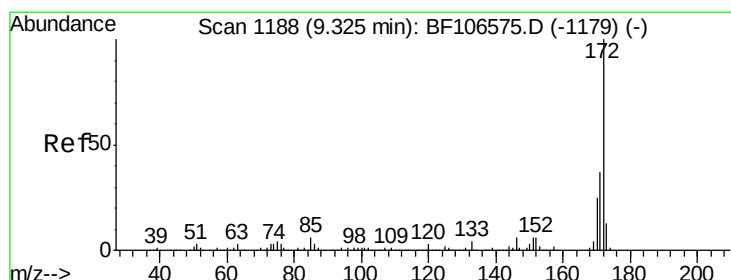
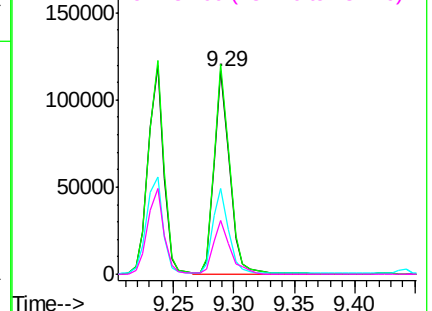
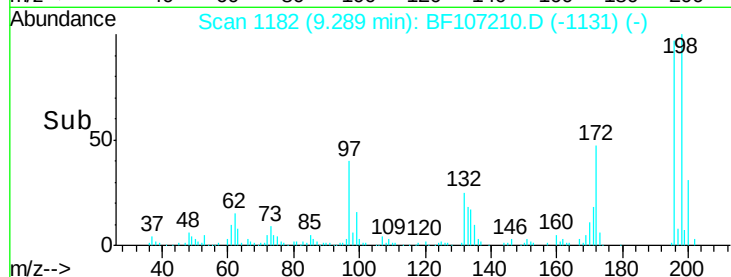


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 91.298 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

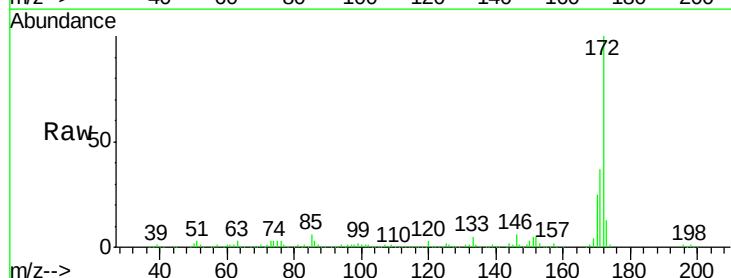
Tgt Ion:172 Resp: 617610

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

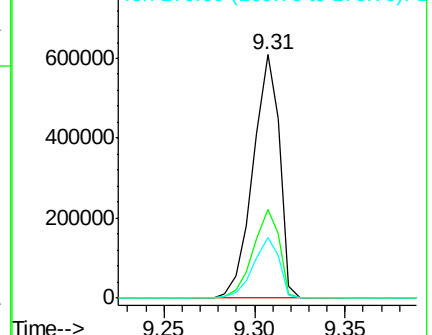
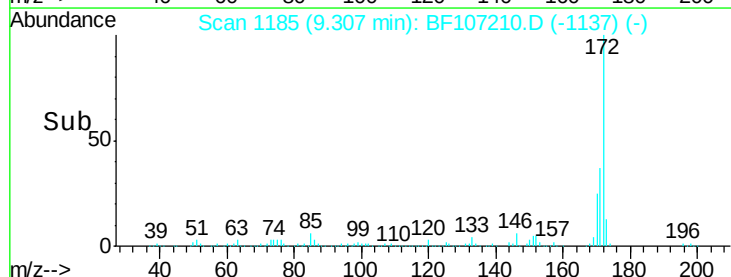
170 24.8 19.6 29.4

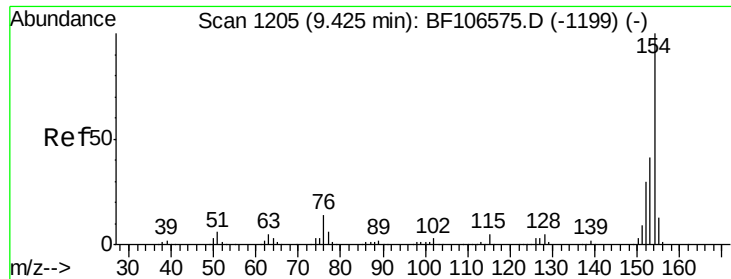


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

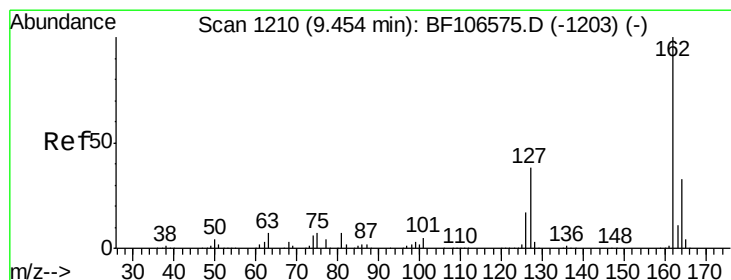
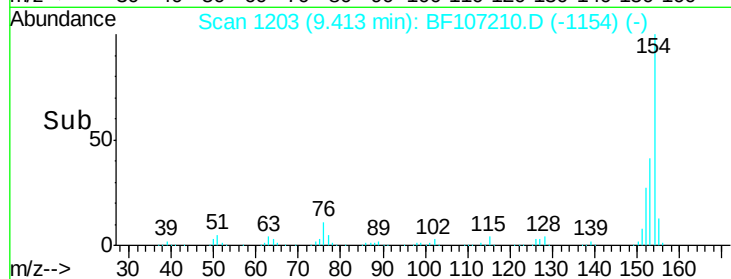
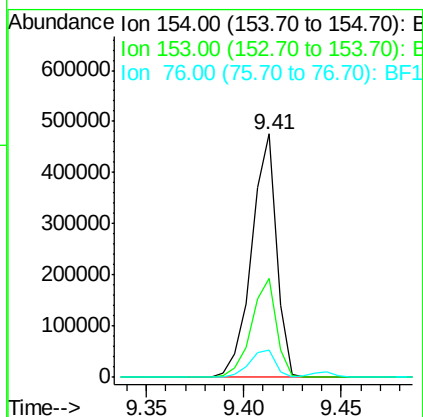
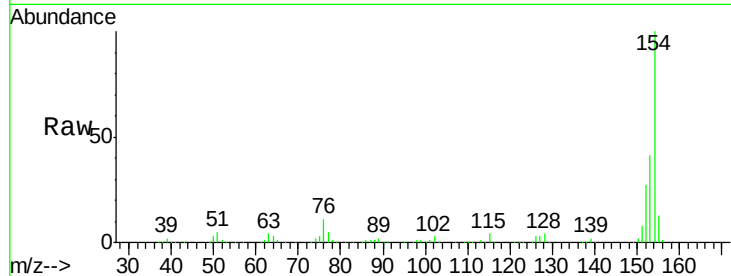




#45
 1,1'-Biphenyl
 Concen: 45.668 ng
 RT: 9.41 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

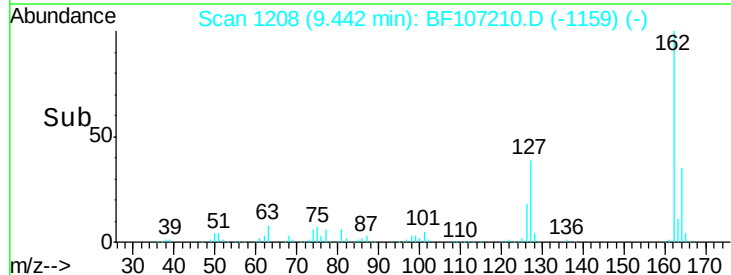
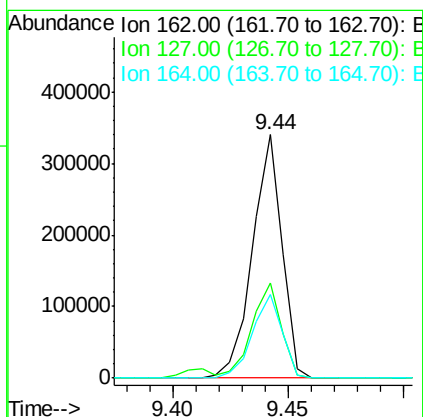
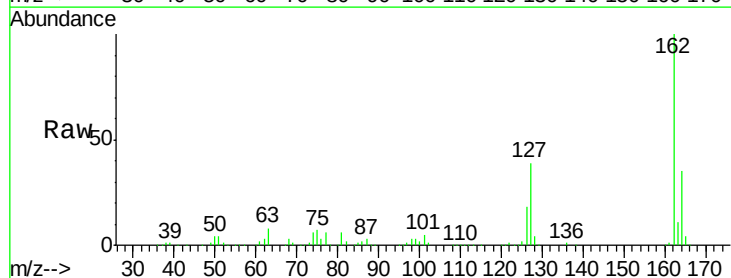
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

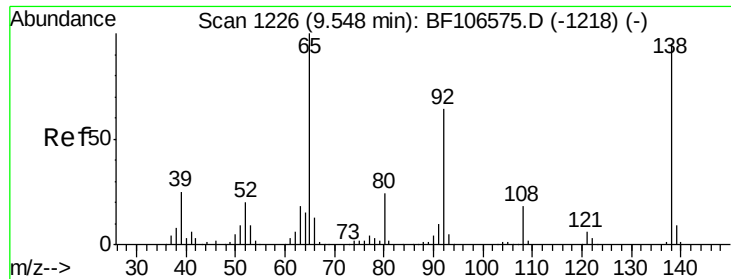
Tgt Ion:154 Resp: 421782
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 11.3 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 41.835 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion:162 Resp: 304141
 Ion Ratio Lower Upper
 162 100
 127 38.8 33.9 50.9
 164 34.6 26.5 39.7

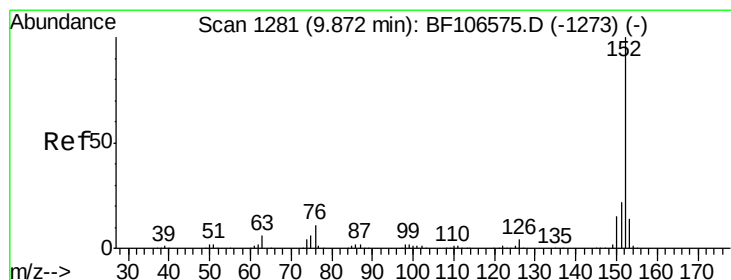
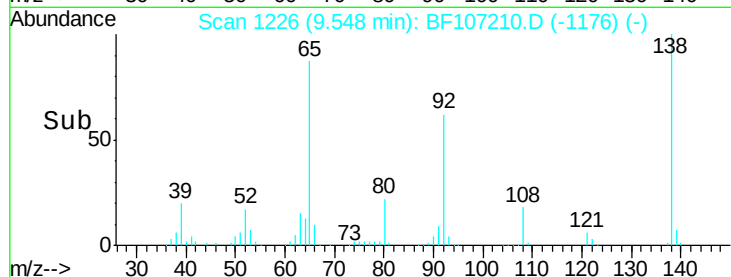
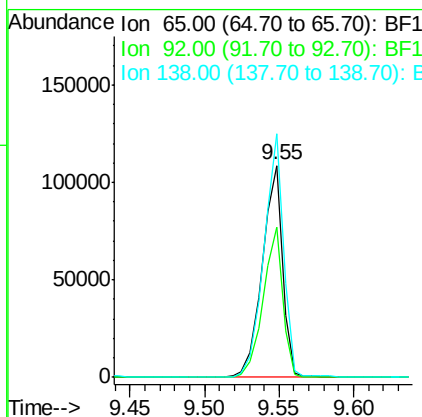
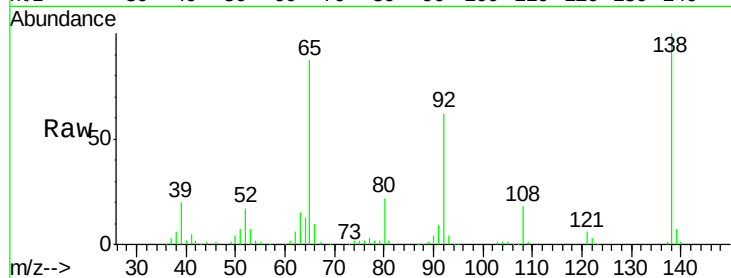




#47
2-Nitroaniline
Concen: 41.543 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

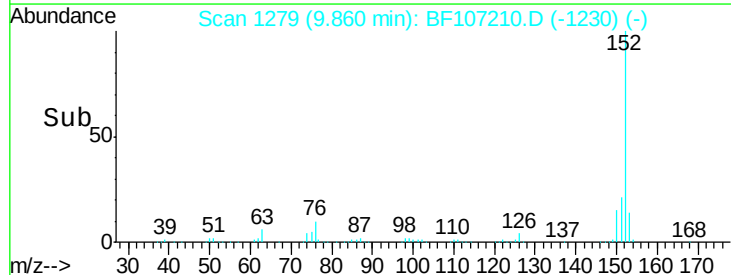
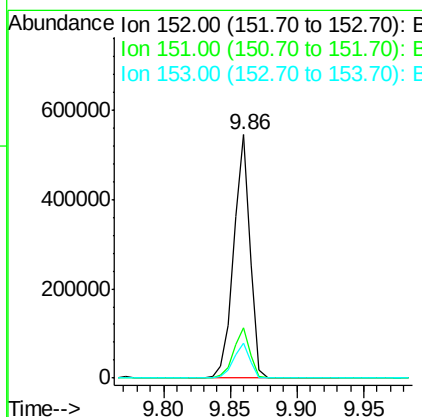
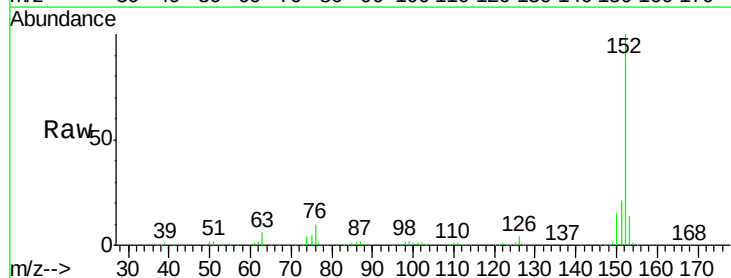
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

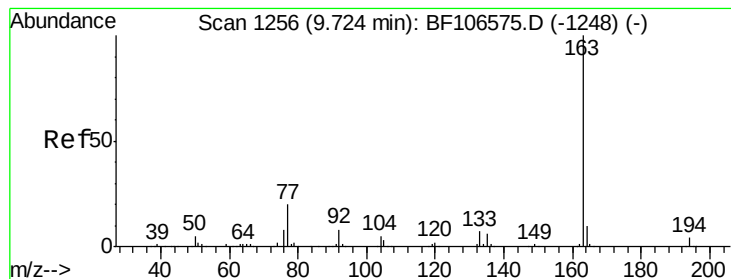
Tgt Ion: 65 Resp: 101559
Ion Ratio Lower Upper
65 100
92 70.8 55.8 83.6
138 114.8 91.2 136.8



#48
Acenaphthylene
Concen: 41.010 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion: 152 Resp: 470704
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 14.1 10.7 16.1





#49

Dimethylphthalate

Concen: 61.342 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

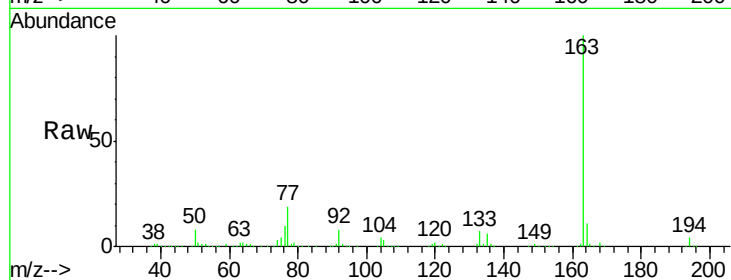
Tgt Ion:163 Resp: 533182

Ion Ratio Lower Upper

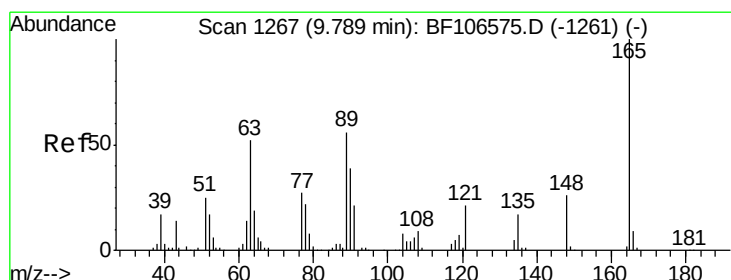
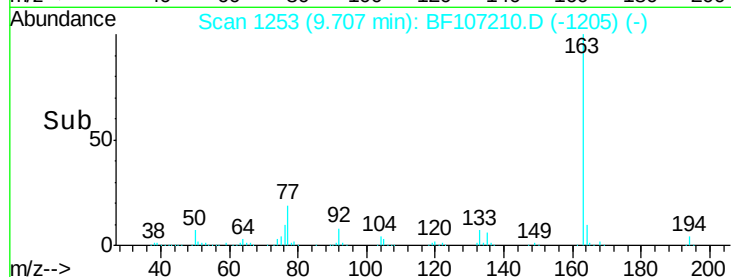
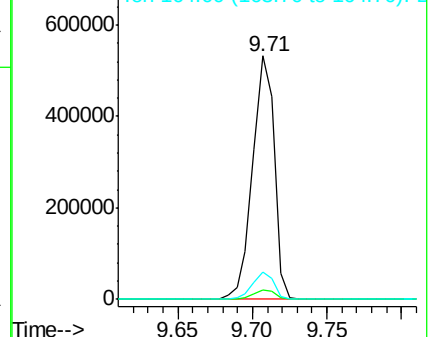
163 100

194 3.9 2.7 4.1

164 11.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.945 ng

RT: 9.78 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

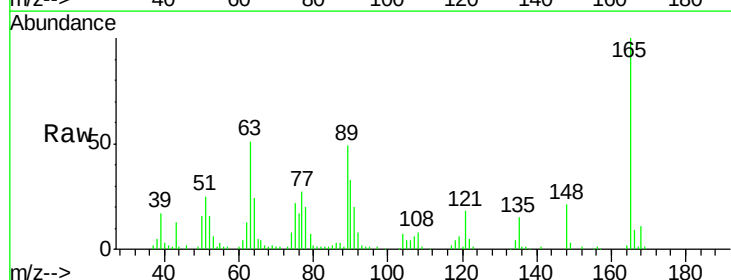
Tgt Ion:165 Resp: 79042

Ion Ratio Lower Upper

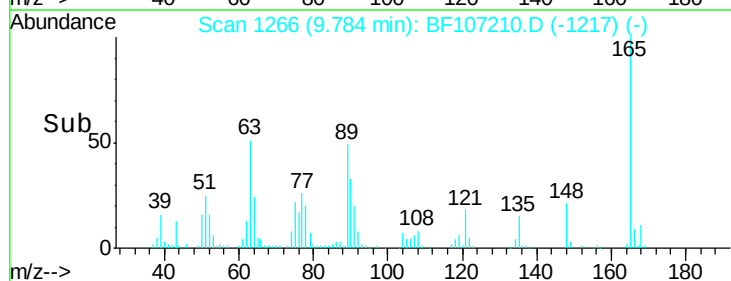
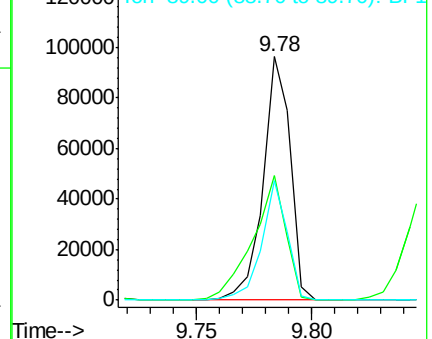
165 100

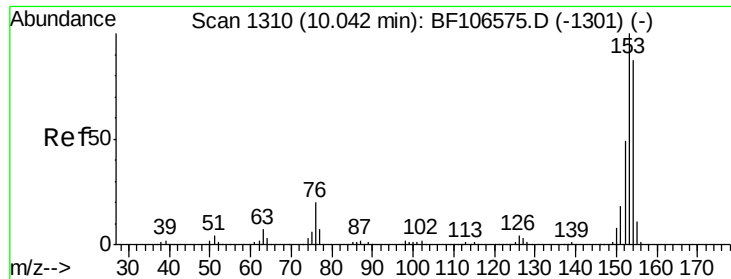
63 51.2 44.7 67.1

89 49.1 44.0 66.0



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

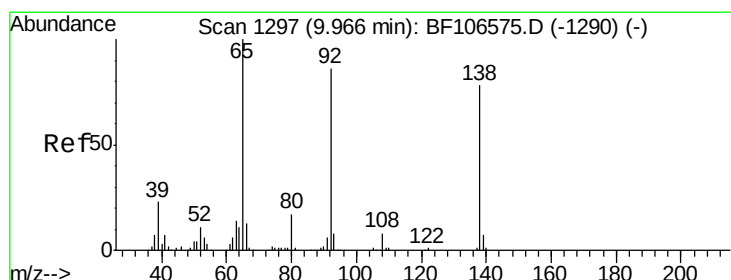
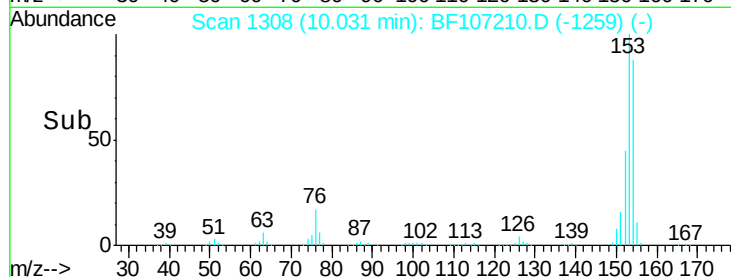
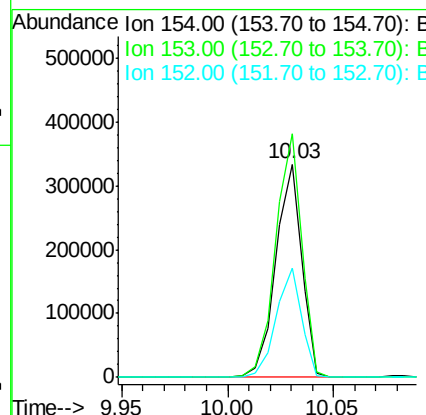
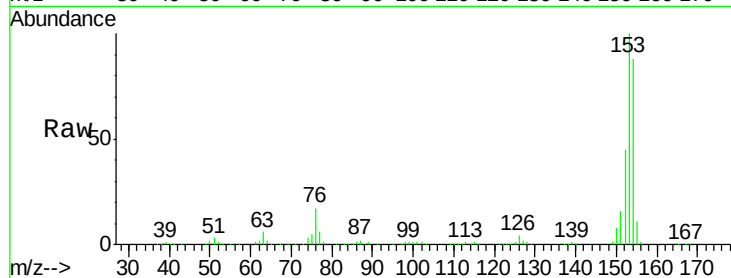




#51
Acenaphthene
Concen: 39.535 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

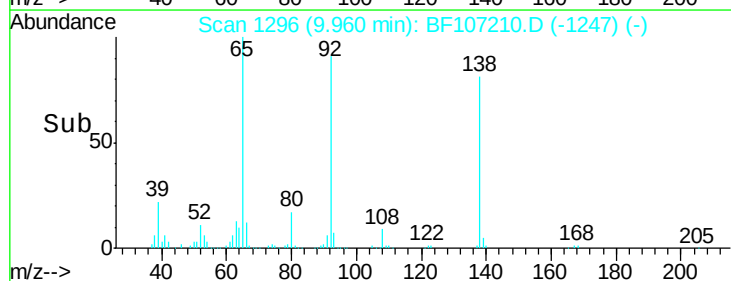
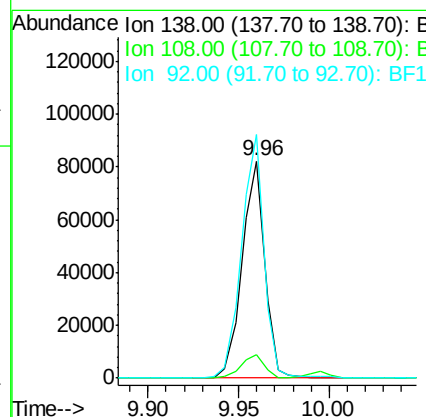
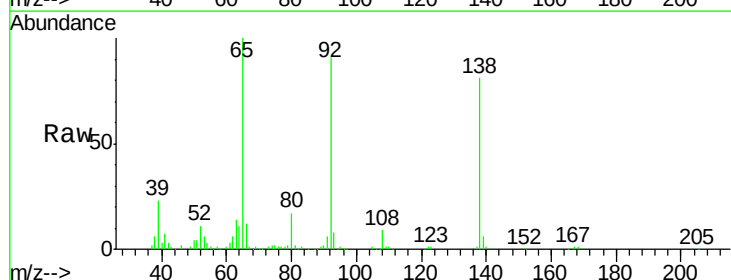
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

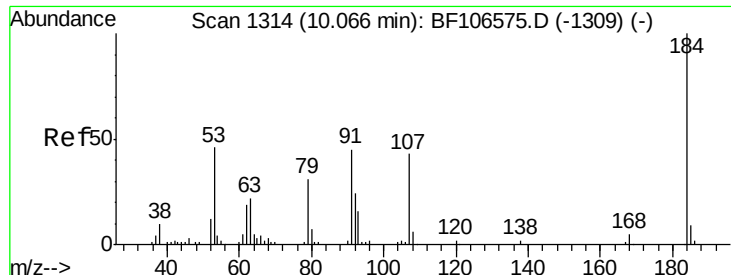
Tgt Ion:154 Resp: 285745
Ion Ratio Lower Upper
154 100
153 114.2 91.2 136.8
152 51.3 43.8 65.8



#52
3-Nitroaniline
Concen: 33.838 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion:138 Resp: 71667
Ion Ratio Lower Upper
138 100
108 10.6 9.4 14.0
92 112.2 89.4 134.2

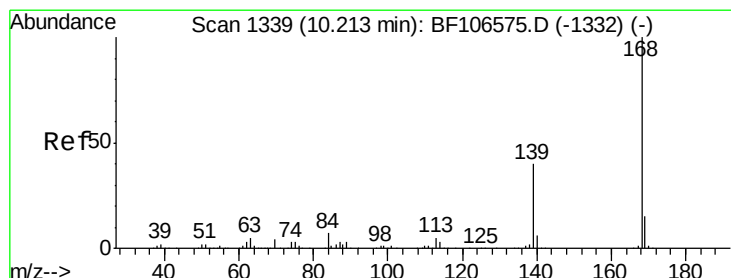
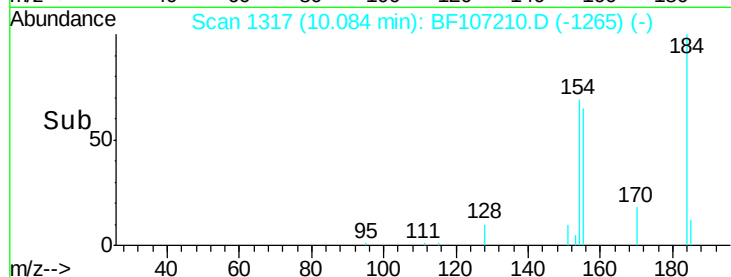
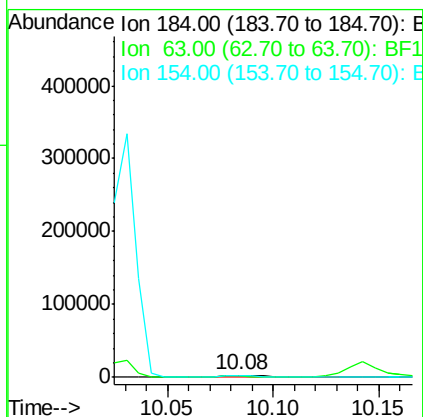
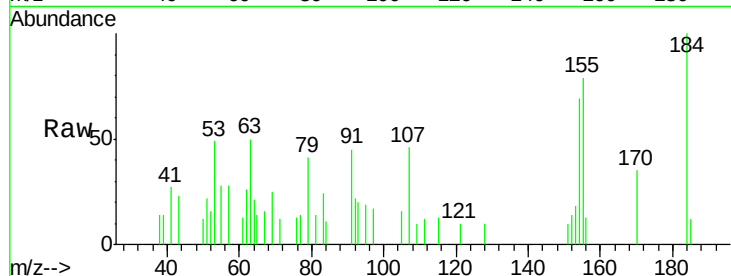




#53
2,4-Dinitrophenol
Concen: 10.621 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

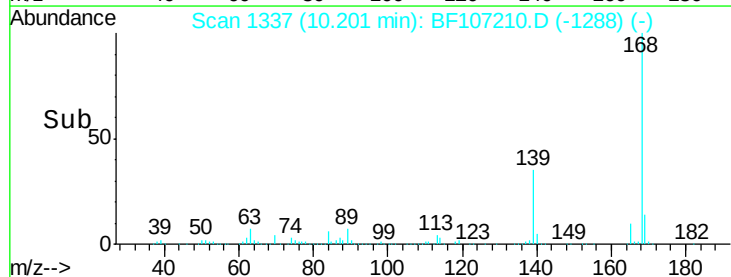
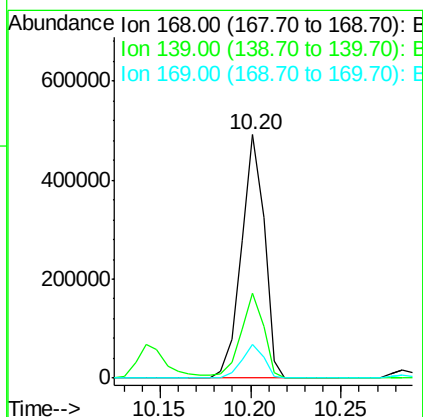
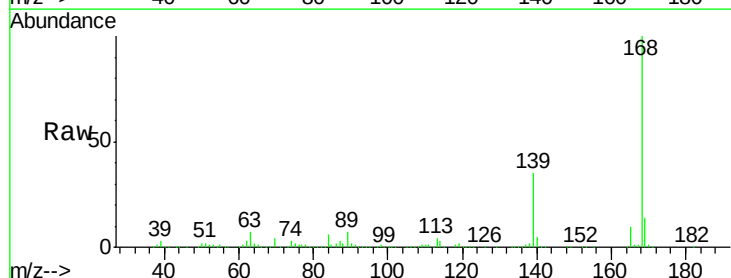
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

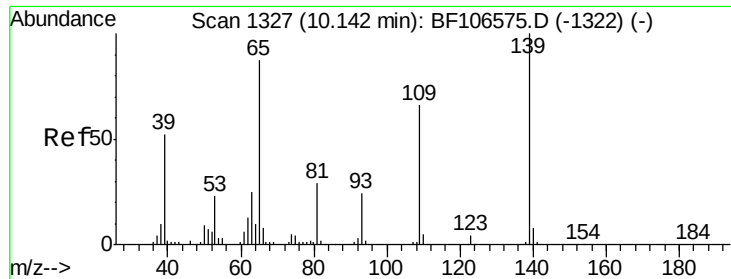
Tgt Ion:184 Resp: 5403
Ion Ratio Lower Upper
184 100
63 50.4 54.2 81.2#
154 69.3 184.0 276.0#



#54
Dibenzofuran
Concen: 43.704 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion:168 Resp: 432536
Ion Ratio Lower Upper
168 100
139 34.9 30.1 45.1
169 13.6 10.9 16.3

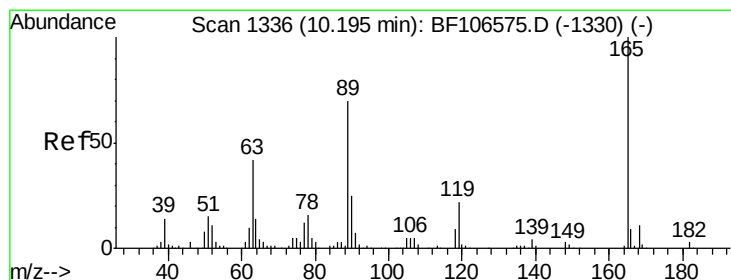
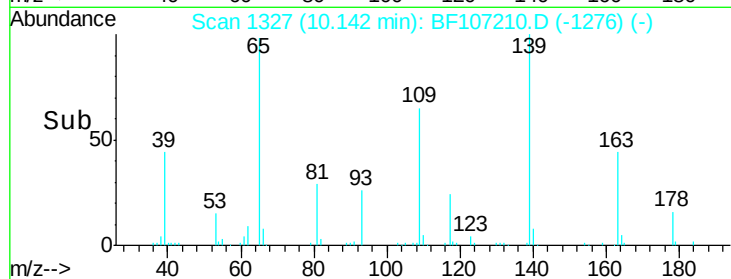
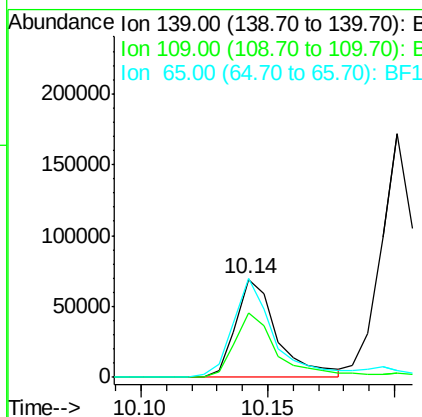
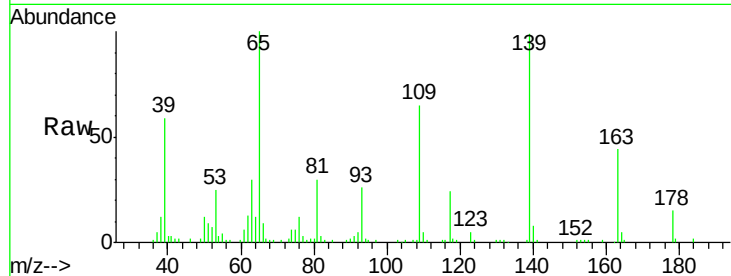




#55
4-Nitrophenol
Concen: 53.129 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

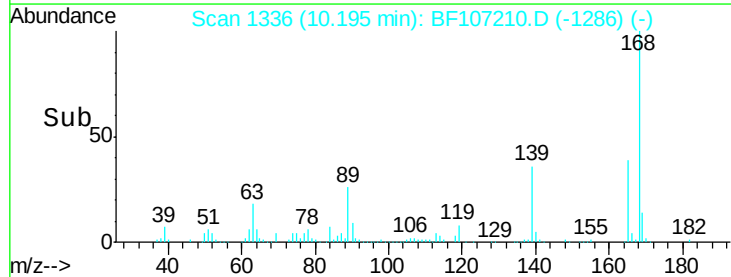
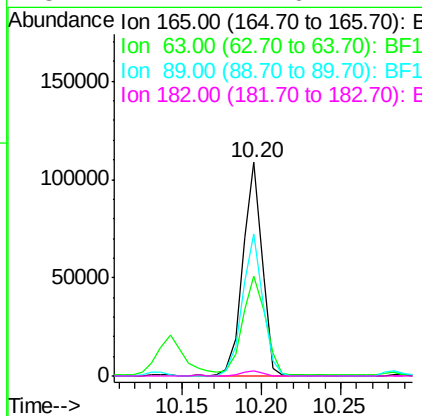
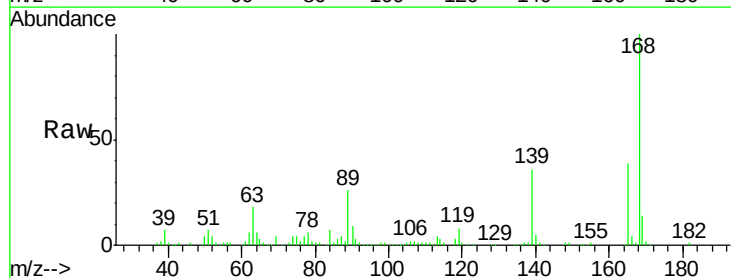
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

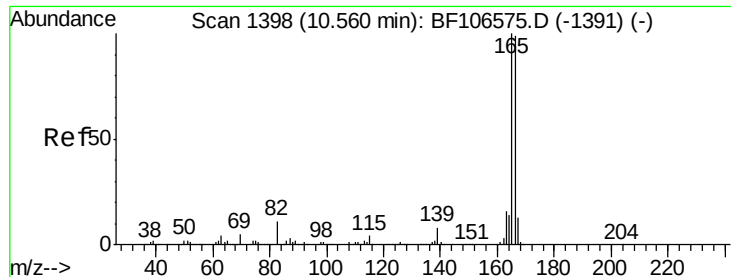
Tgt Ion:139 Resp: 78545
Ion Ratio Lower Upper
139 100
109 65.9 48.4 88.4
65 100.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.980 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion:165 Resp: 91244
Ion Ratio Lower Upper
165 100
63 46.7 36.4 54.6
89 66.6 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 43.128 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

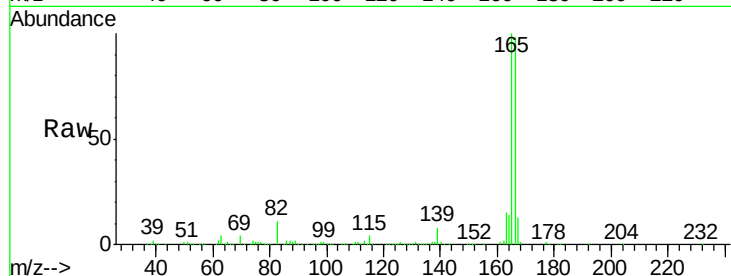
Tgt Ion:166 Resp: 338710

Ion Ratio Lower Upper

166 100

165 102.4 79.8 119.8

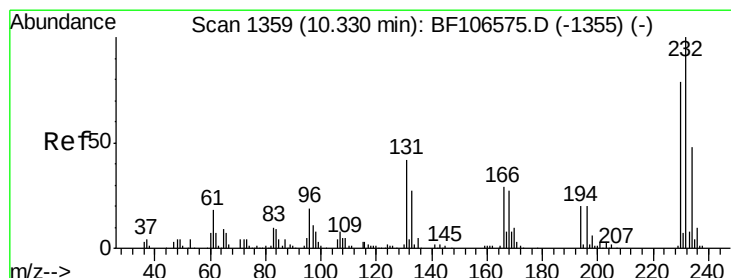
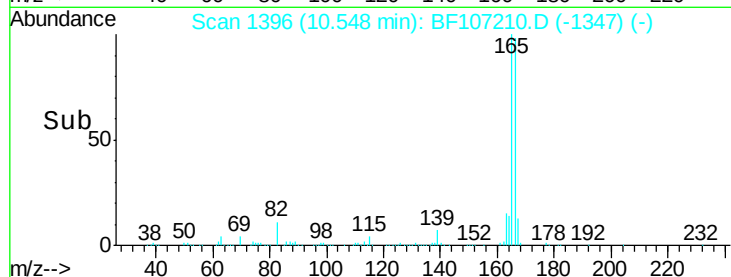
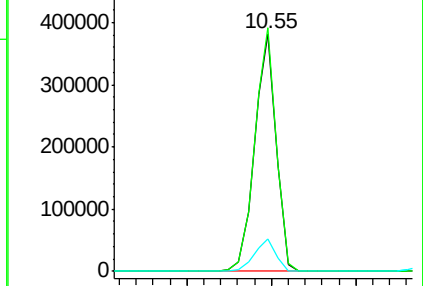
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.499 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Tgt Ion:232 Resp: 93603

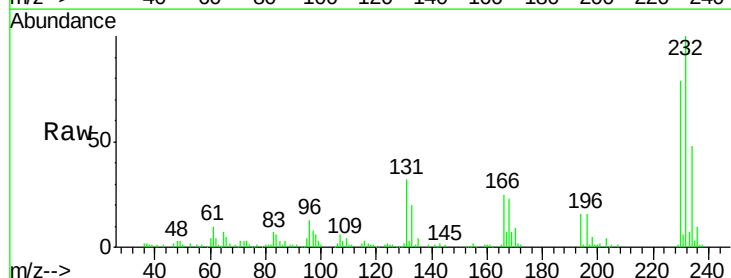
Ion Ratio Lower Upper

232 100

131 34.4 43.8 65.8#

130 1.5 2.1 3.1#

166 25.2 27.8 41.6#

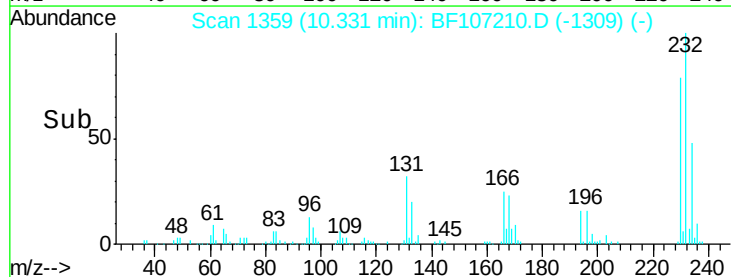
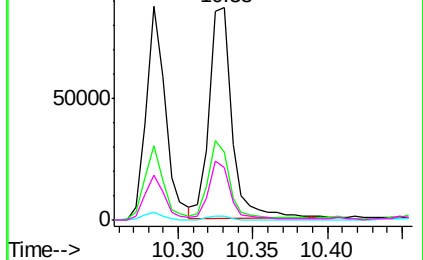


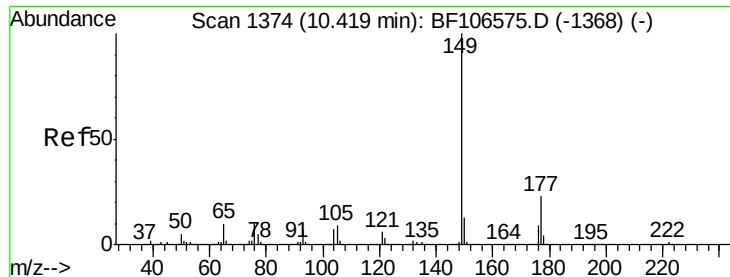
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

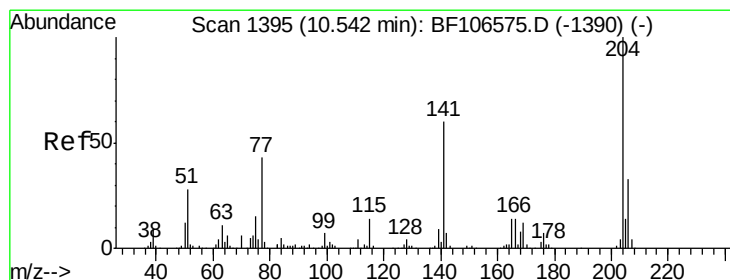
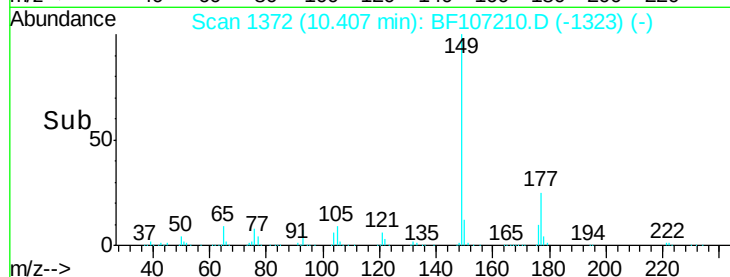
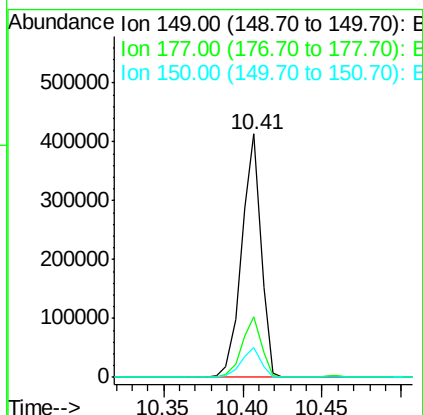
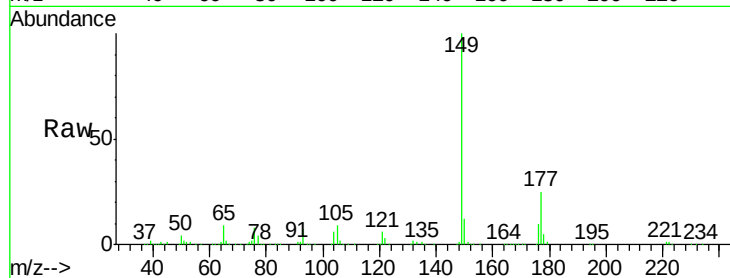




#59
Diethylphthalate
Concen: 41.376 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

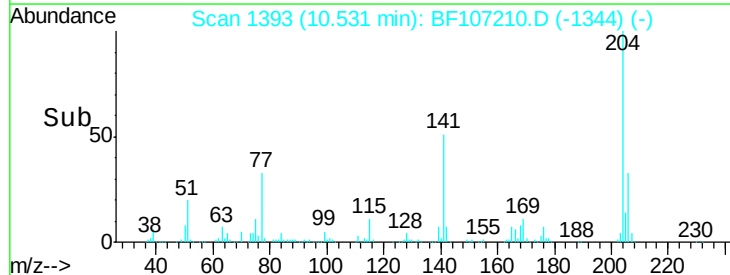
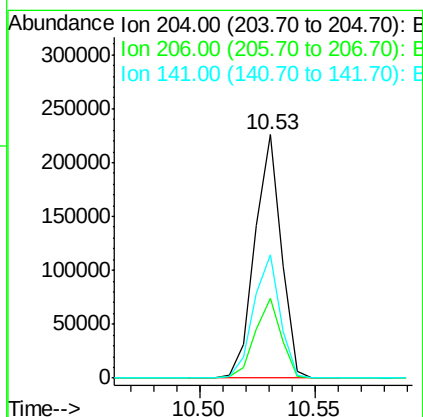
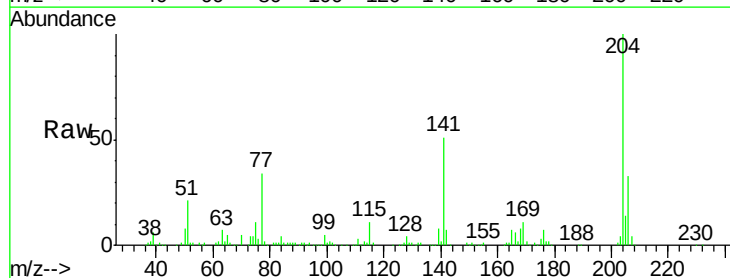
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

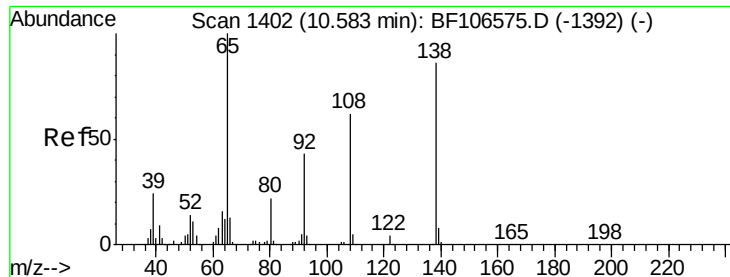
Tgt Ion:149 Resp: 347110
Ion Ratio Lower Upper
149 100
177 24.8 16.1 24.1#
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.070 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion:204 Resp: 181093
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 50.7 54.6 81.8#

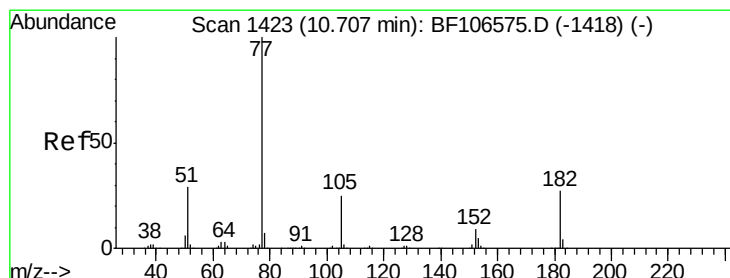
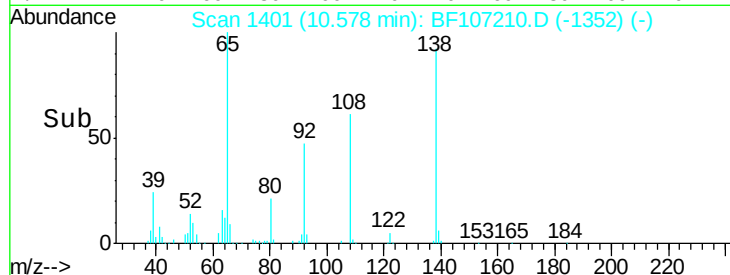
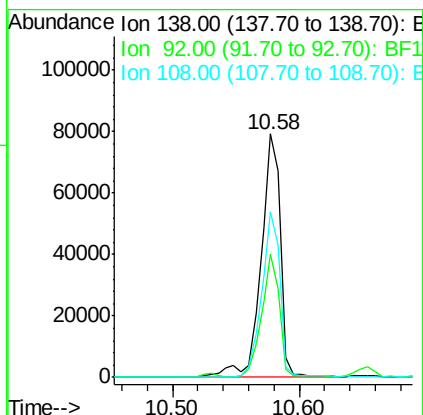
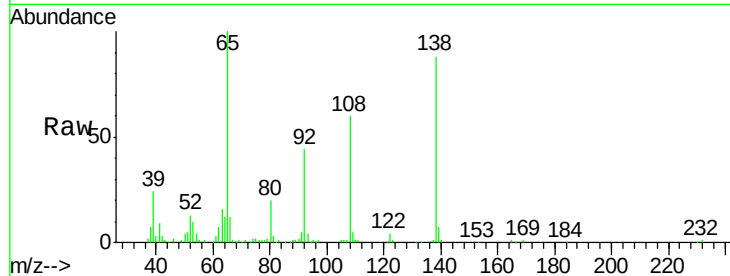




#61
4-Nitroaniline
Concen: 40.819 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

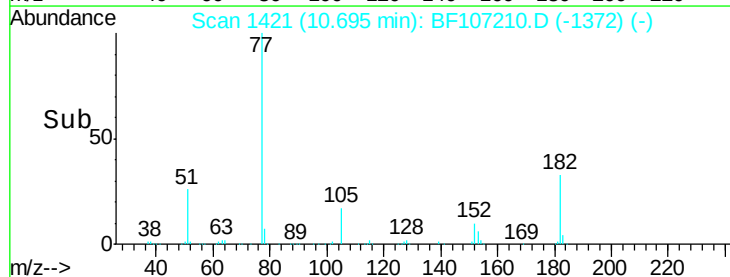
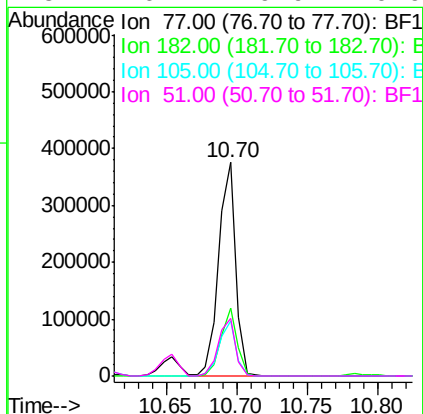
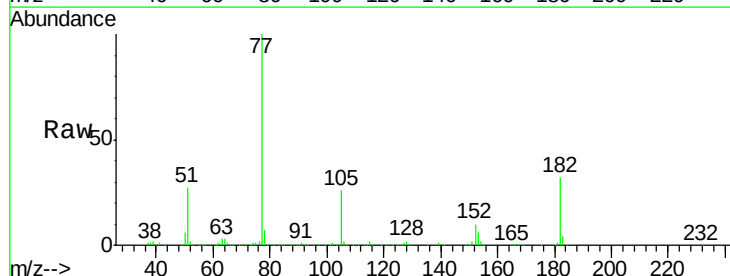
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

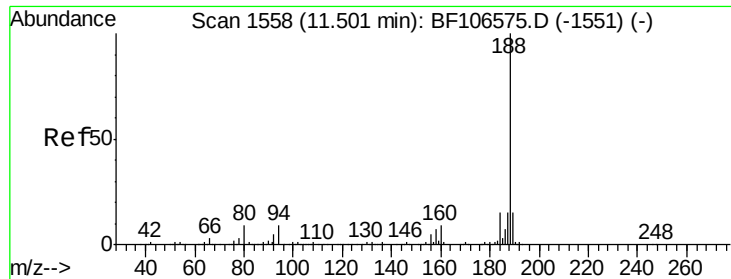
Tgt Ion:138 Resp: 85801
Ion Ratio Lower Upper
138 100
92 50.4 30.2 70.2
108 67.8 52.5 92.5



#62
Azobenzene
Concen: 37.733 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion: 77 Resp: 311718
Ion Ratio Lower Upper
77 100
182 31.6 1.7 41.7
105 26.0 3.0 43.0
51 26.7 9.9 49.9

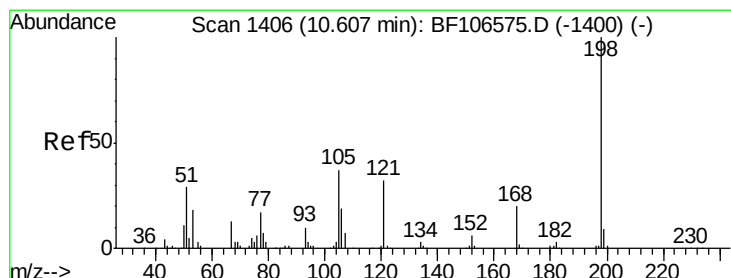
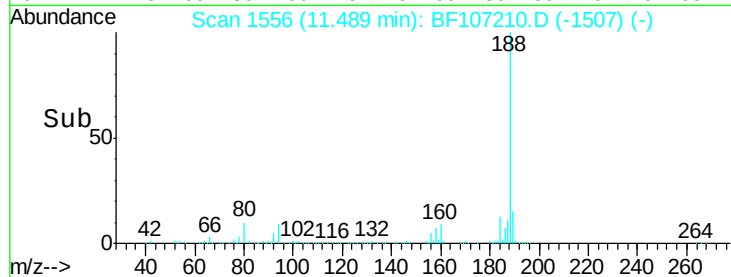
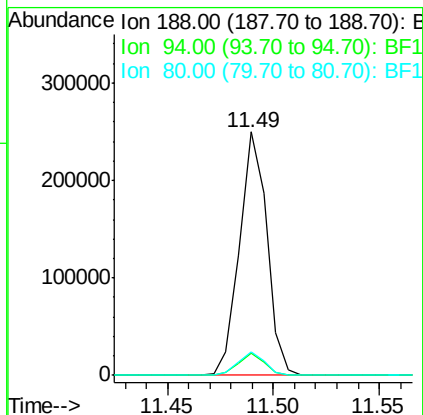
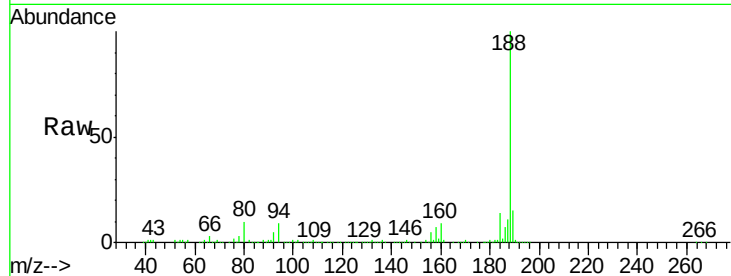




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

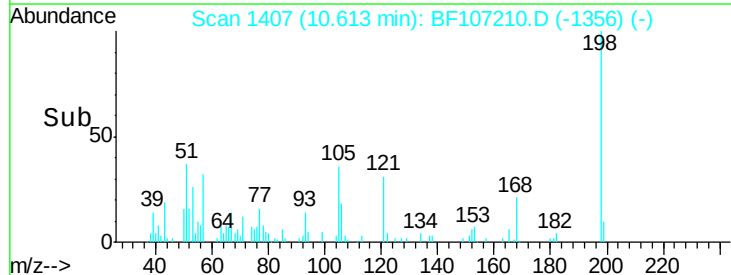
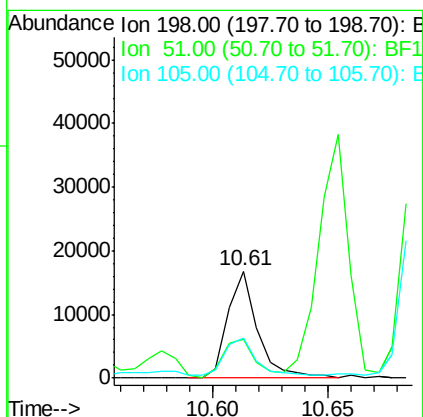
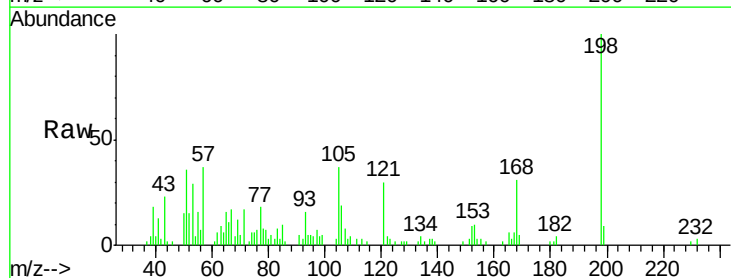
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

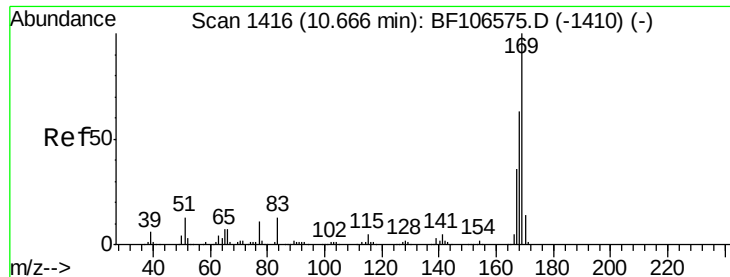
Tgt Ion:188 Resp: 224394
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 9.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.857 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion:198 Resp: 15059
 Ion Ratio Lower Upper
 198 100
 51 35.8 37.7 77.7#
 105 37.3 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.471 ng

RT: 10.65 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

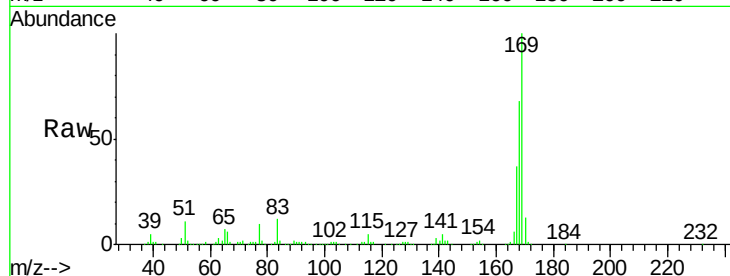
Tgt Ion:169 Resp: 297910

Ion Ratio Lower Upper

169 100

168 68.4 54.4 81.6

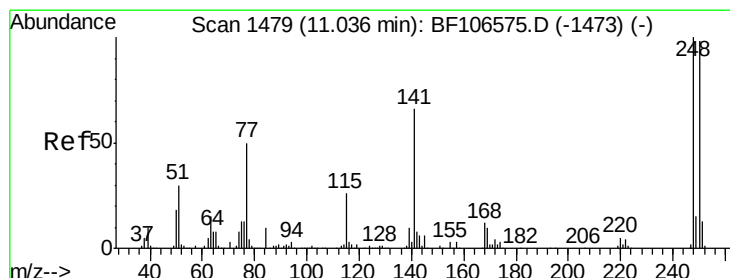
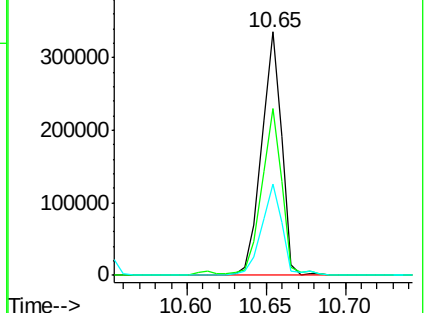
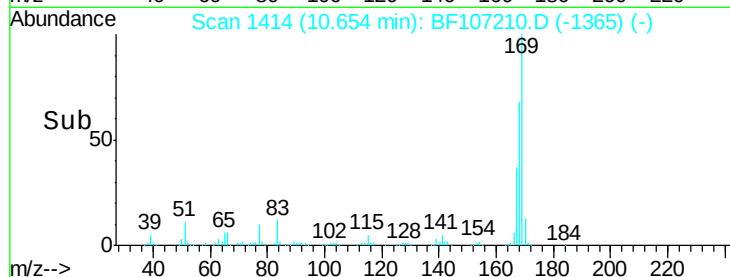
167 37.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.385 ng

RT: 11.02 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

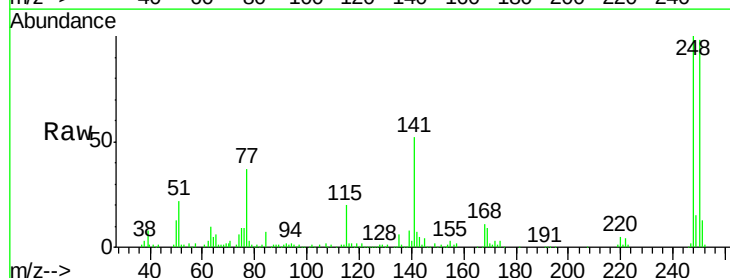
Tgt Ion:248 Resp: 121542

Ion Ratio Lower Upper

248 100

250 98.3 76.9 115.3

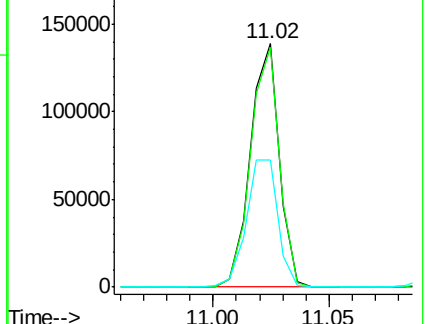
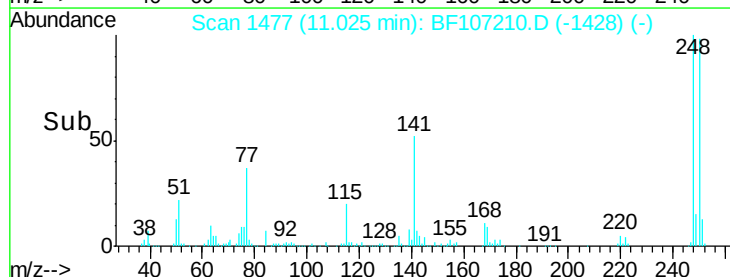
141 52.3 74.4 111.6#

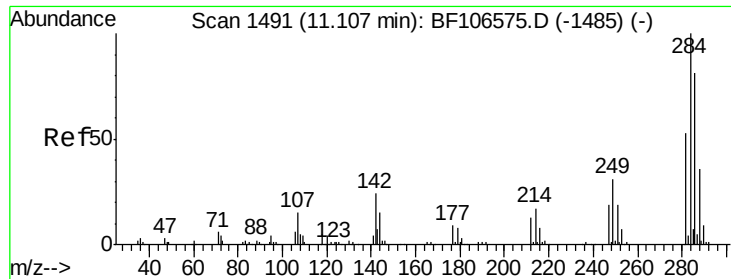


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.736 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

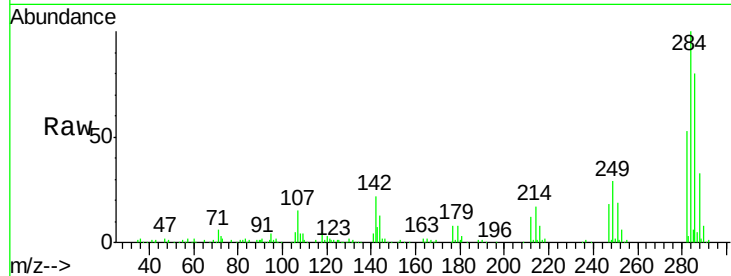
Tgt Ion:284 Resp: 125390

Ion Ratio Lower Upper

284 100

142 21.8 34.6 52.0#

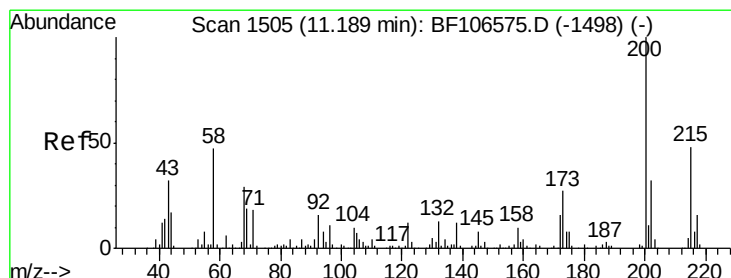
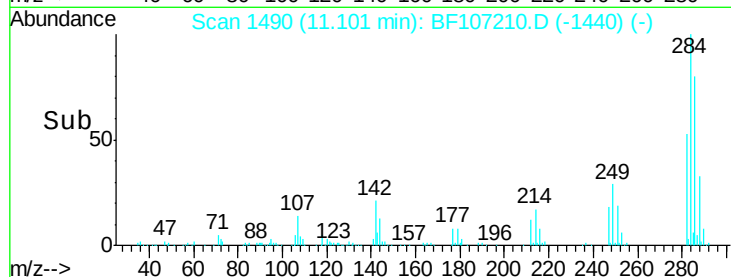
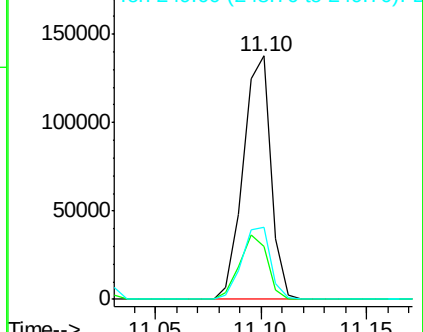
249 29.4 24.8 37.2



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: 42.090 ng

RT: 11.18 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

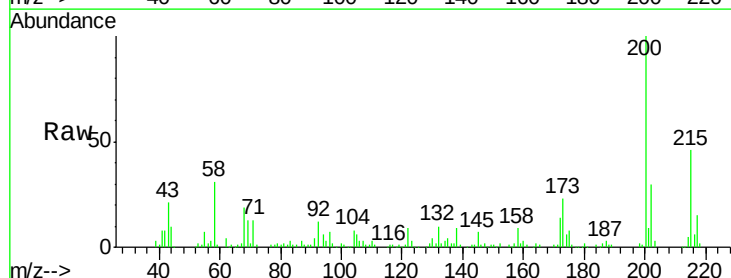
Tgt Ion:200 Resp: 100991

Ion Ratio Lower Upper

200 100

173 22.7 8.6 48.6

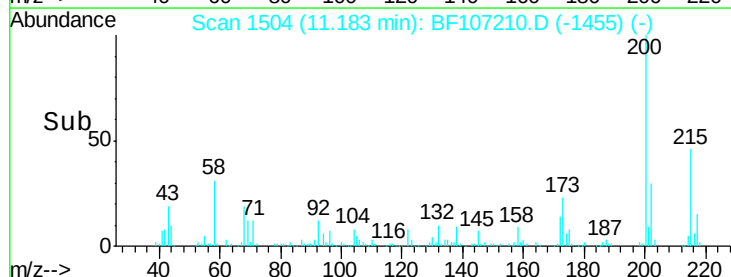
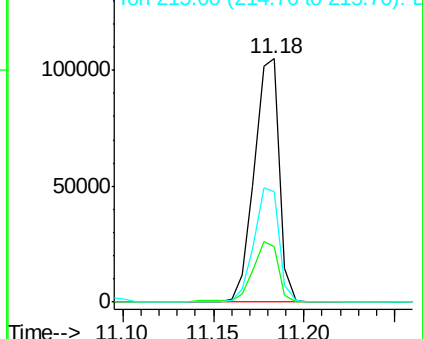
215 45.6 25.1 65.1

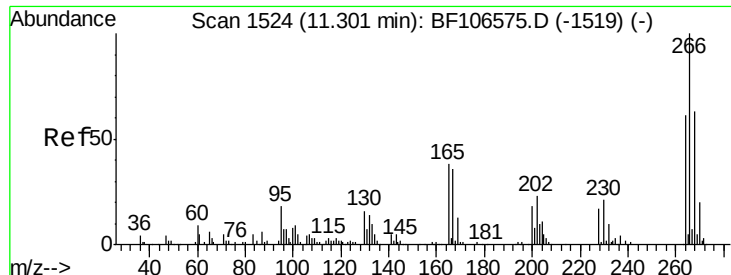


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

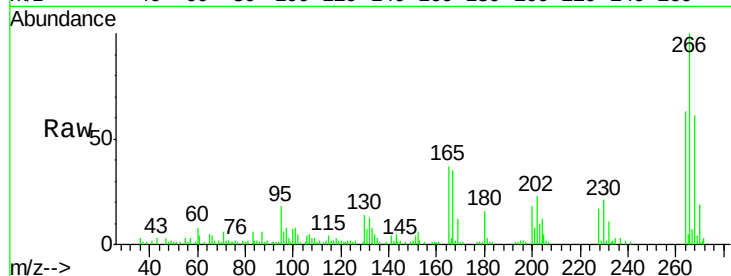




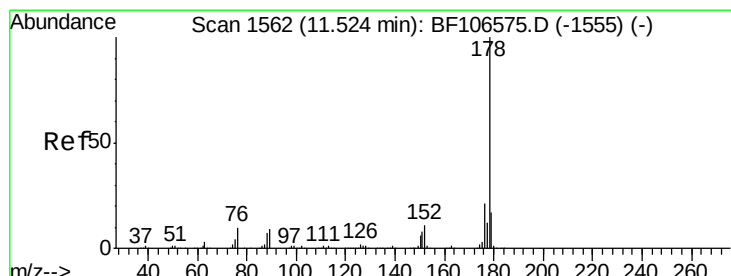
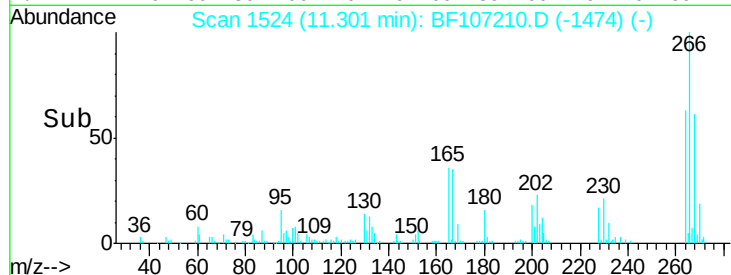
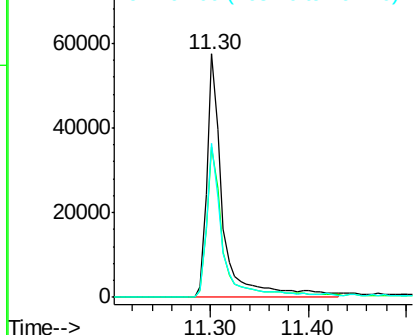
#69
 Pentachlorophenol
 Concen: 47.427 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Tgt Ion:266 Resp: 66329
 Ion Ratio Lower Upper
 266 100
 268 61.5 51.1 76.7
 264 63.1 49.5 74.3

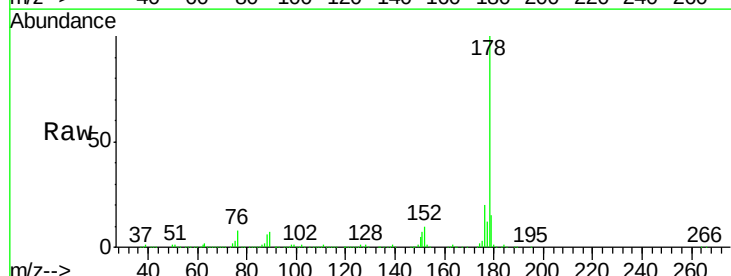


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

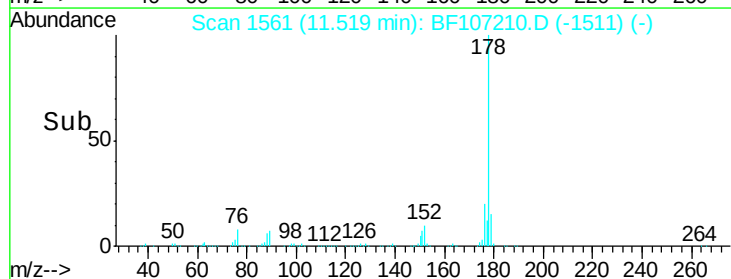
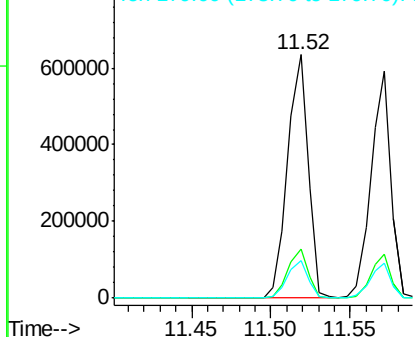


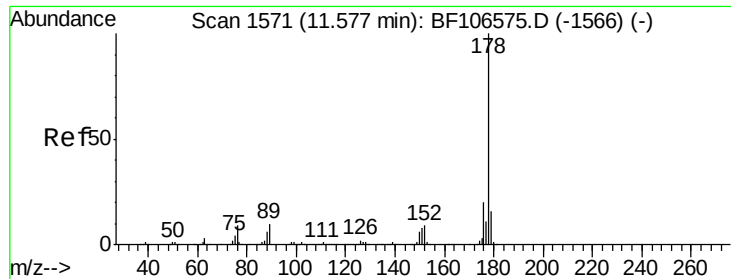
#70
 Phenanthrene
 Concen: 52.868 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion:178 Resp: 572191
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.5 13.0 19.6



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

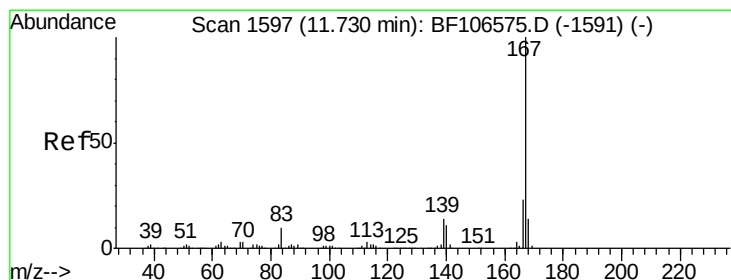
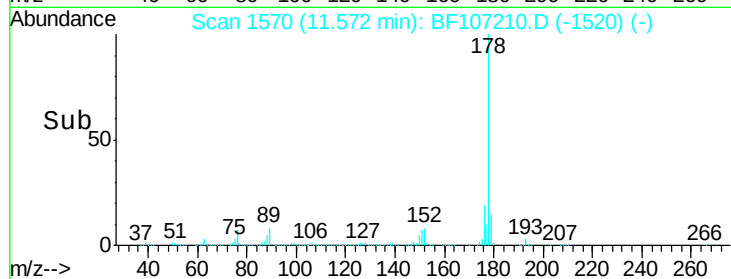
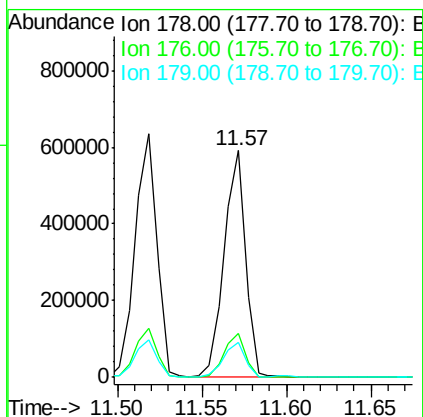
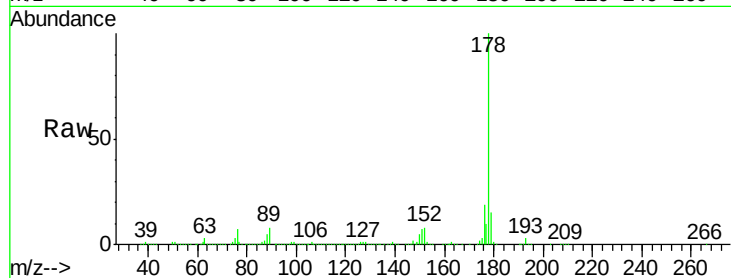




#71
 Anthracene
 Concen: 47.264 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

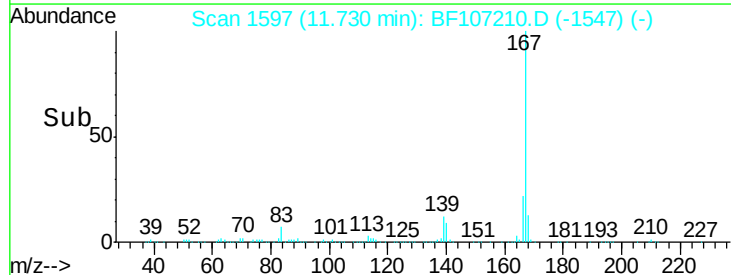
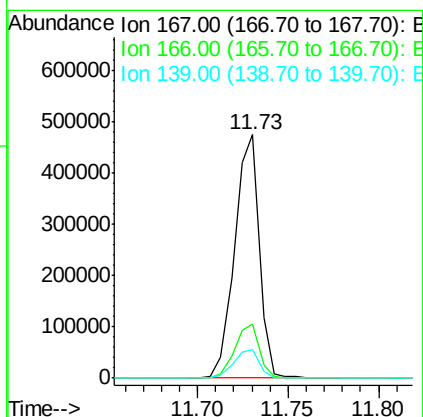
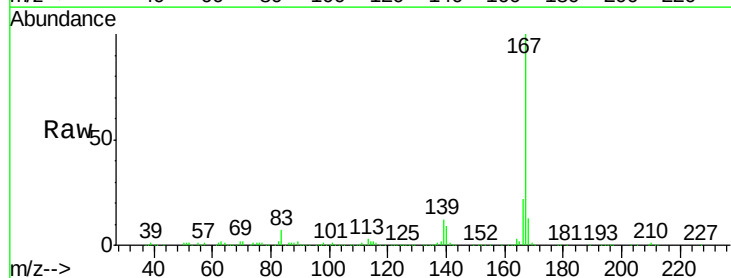
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

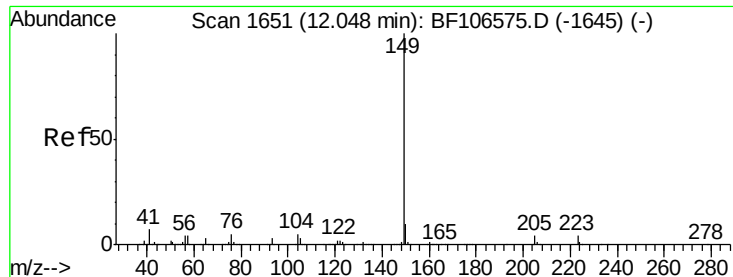
Tgt Ion:178 Resp: 522130
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 43.289 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion:167 Resp: 447728
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 11.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.879 ng

RT: 12.03 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

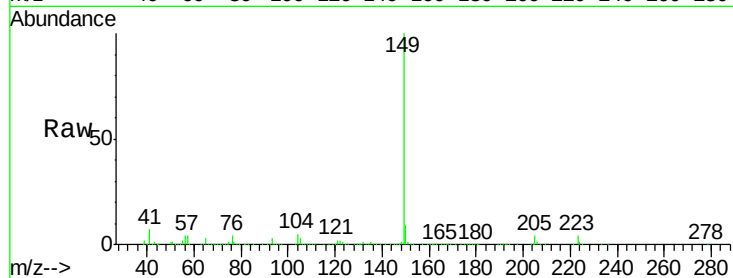
Tgt Ion:149 Resp: 522469

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

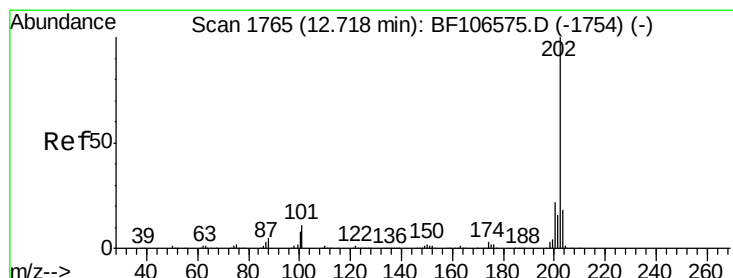
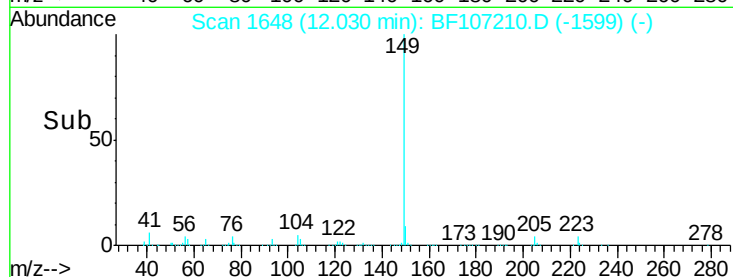
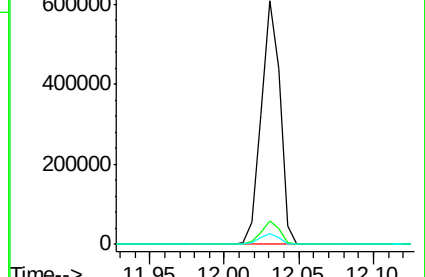
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 60.620 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

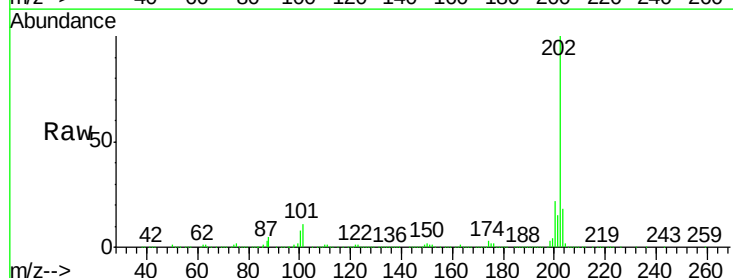
Tgt Ion:202 Resp: 723139

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

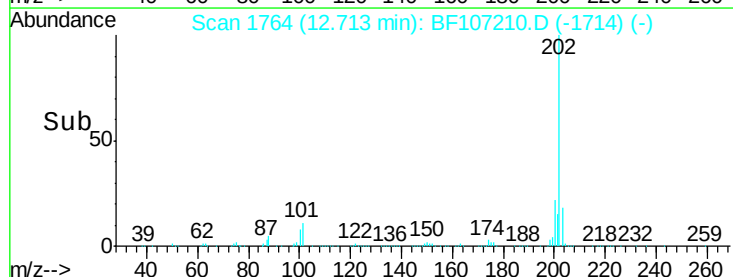
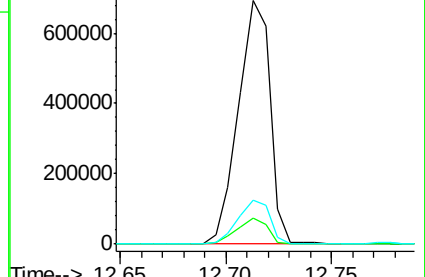
203 18.2 0.0 38.1

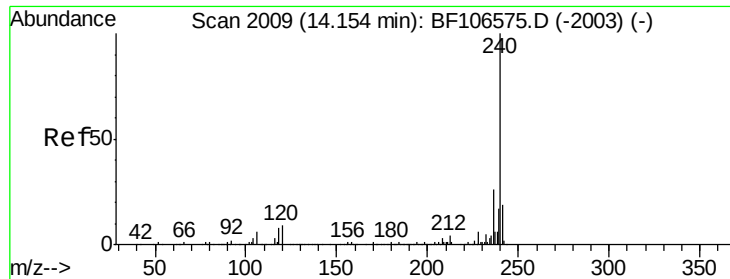


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

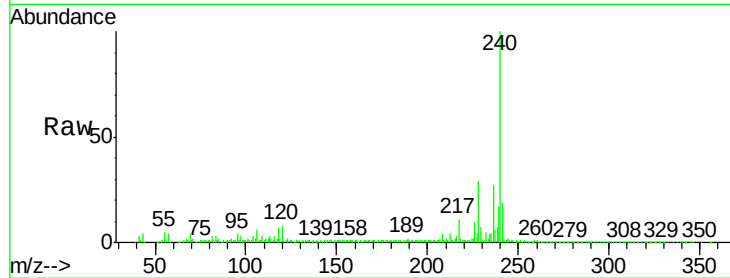
Tgt Ion:240 Resp: 156290

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

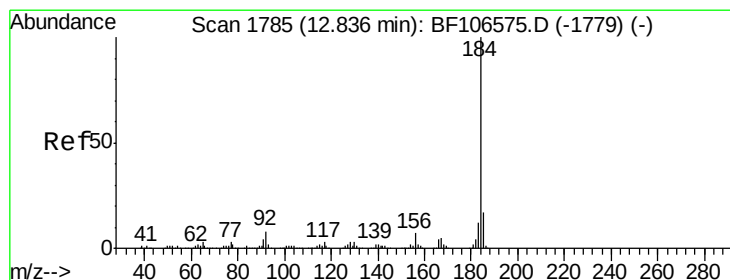
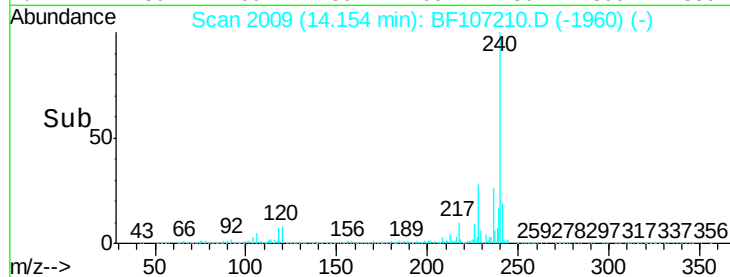
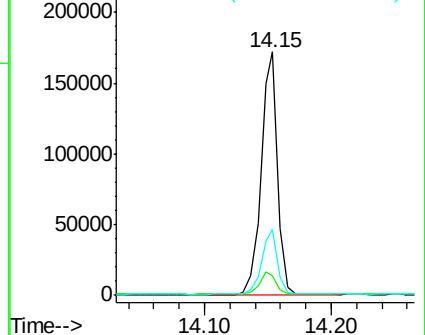
236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.757 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

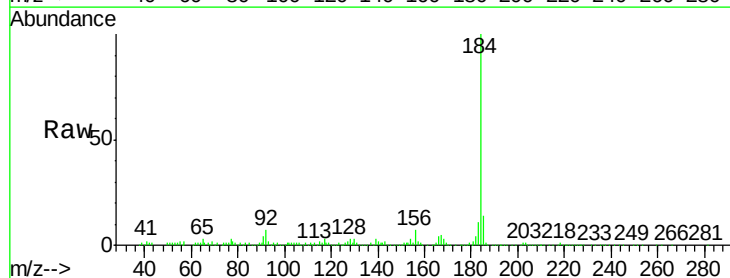
Tgt Ion:184 Resp: 199219

Ion Ratio Lower Upper

184 100

185 13.6 12.6 18.8

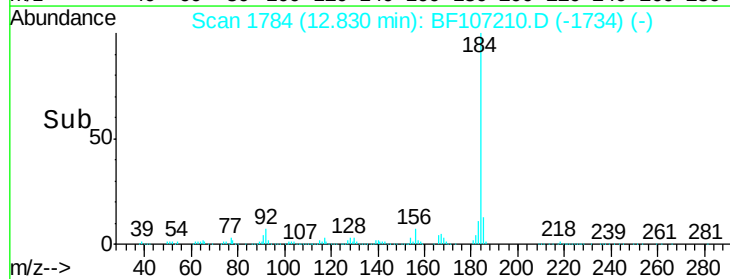
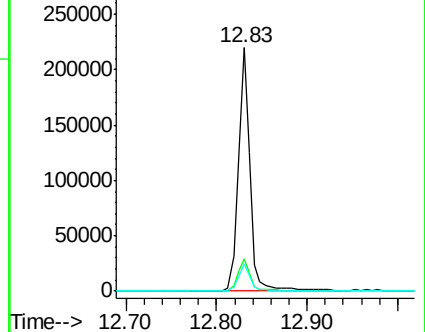
183 11.3 9.3 13.9

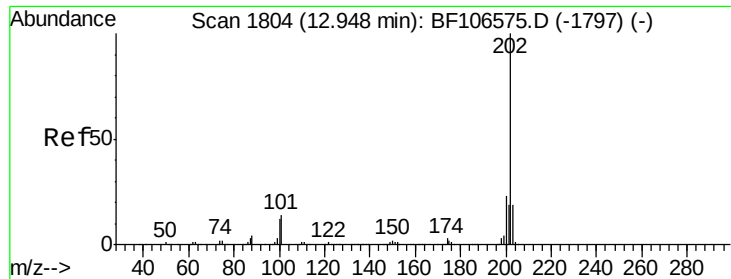


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 68.130 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

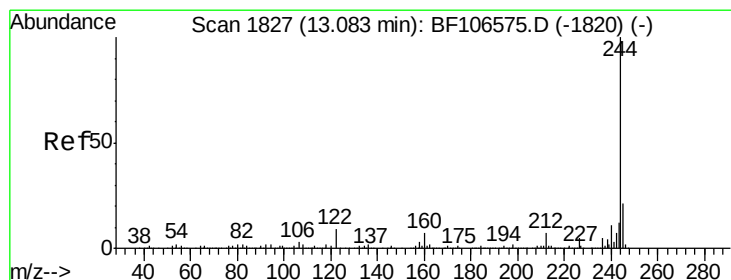
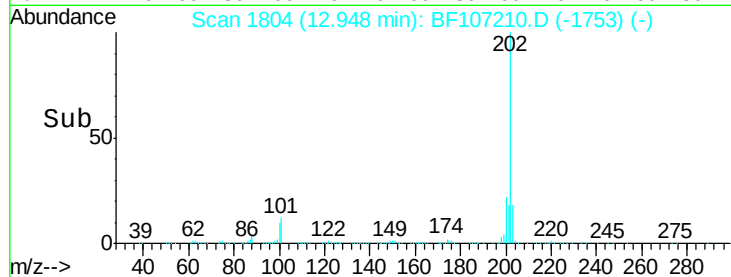
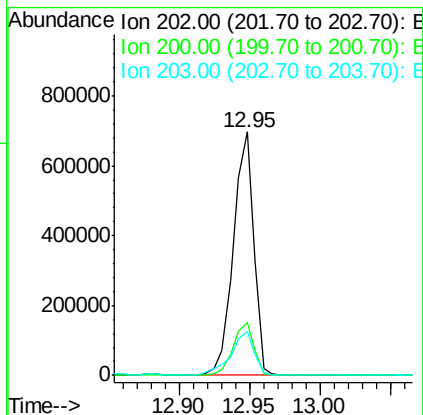
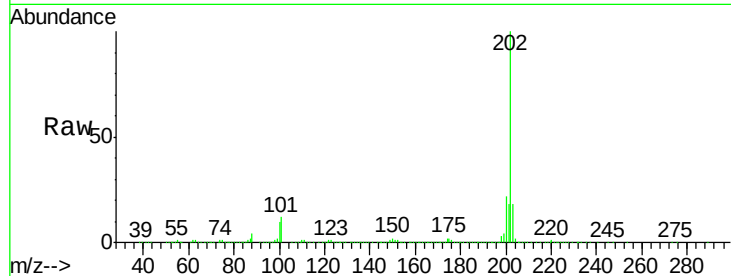
Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

Tgt Ion:	202	Resp:	702159
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.1	14.3	21.5



#78

Terphenyl-d14

Concen: 107.003 ng

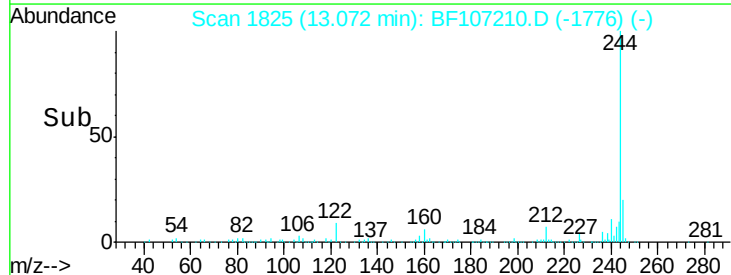
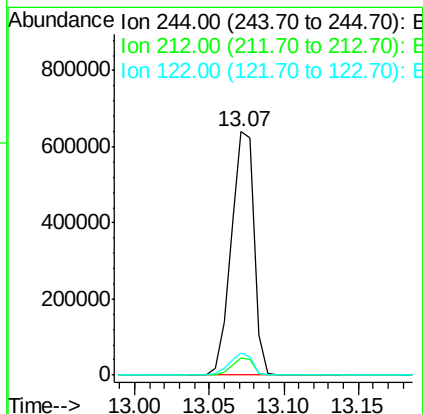
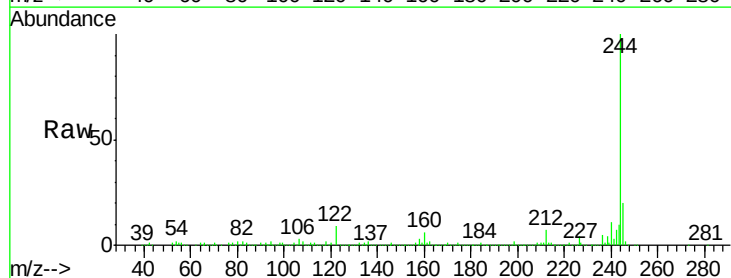
RT: 13.07 min Scan# 1825

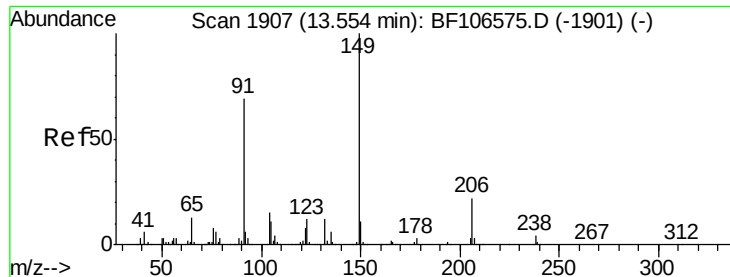
Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Tgt Ion:	244	Resp:	690401
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.0	11.0	16.4

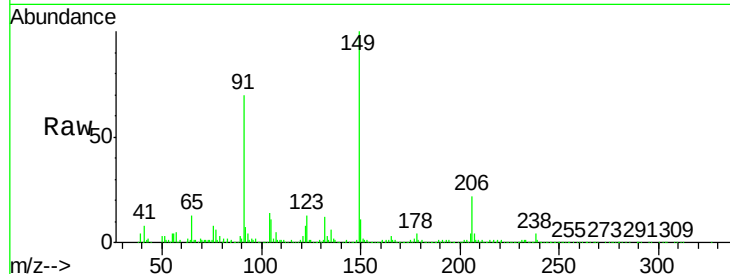




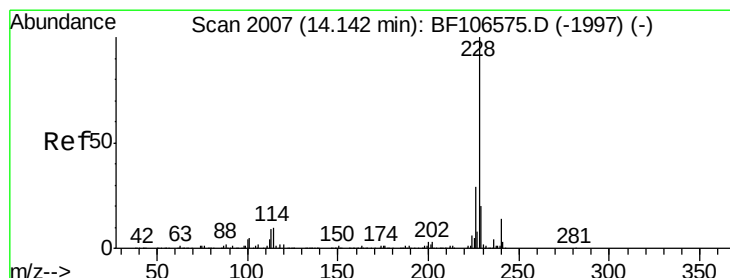
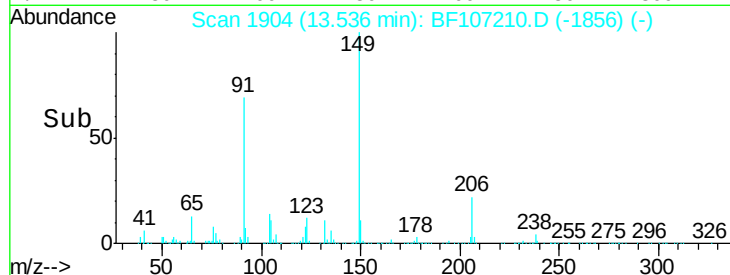
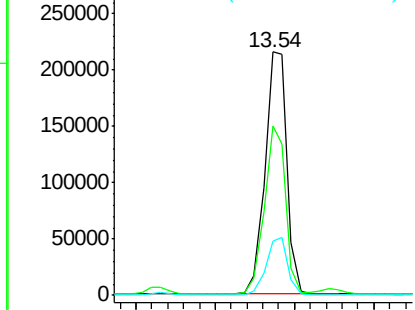
#79
Butylbenzylphthalate
Concen: 49.018 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tgt Ion:149 Resp: 207711
Ion Ratio Lower Upper
149 100
91 69.7 56.8 85.2
206 22.2 14.1 21.1#

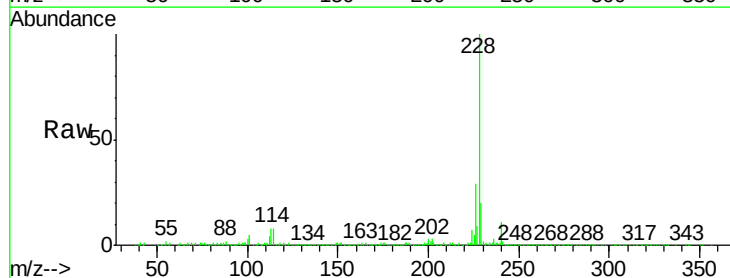


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

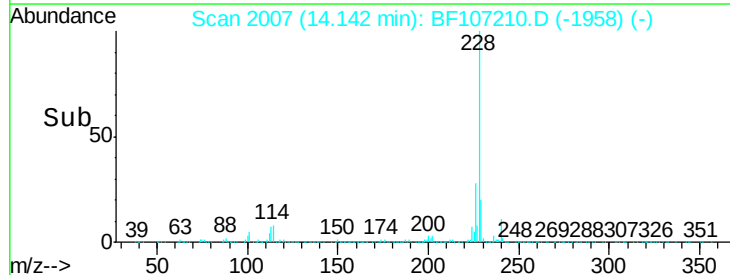
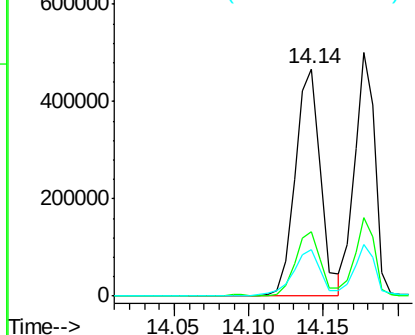


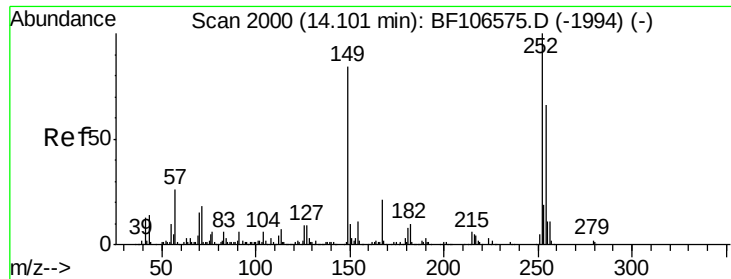
#80
Benzo(a)anthracene
Concen: 58.159 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion:228 Resp: 553990
Ion Ratio Lower Upper
228 100
226 28.6 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

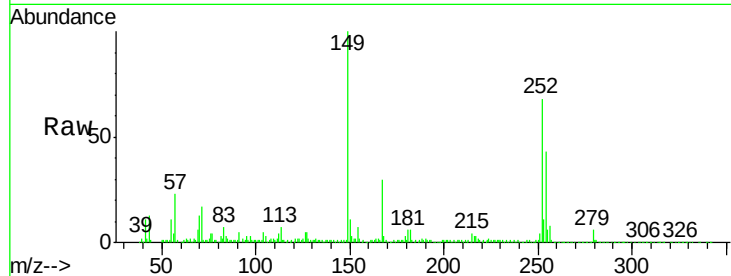




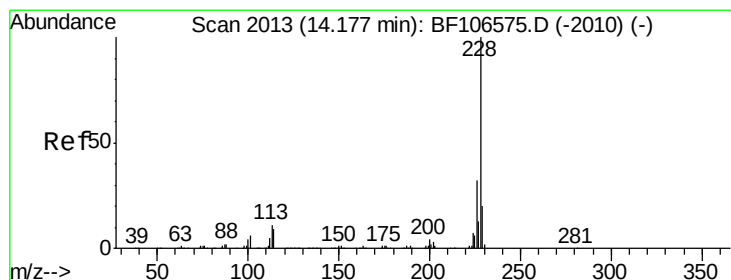
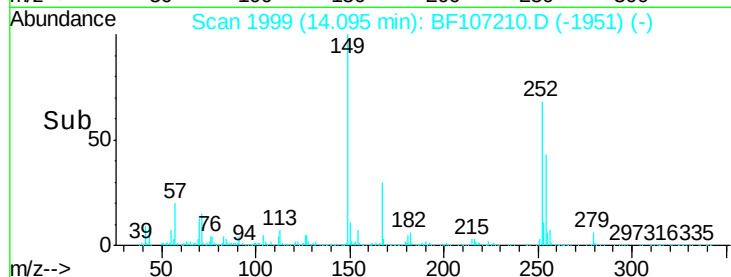
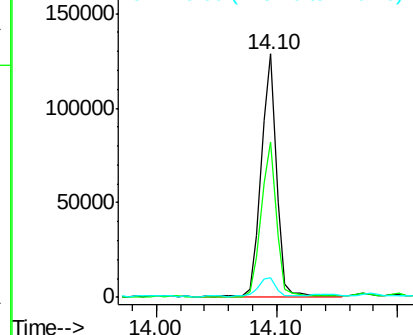
#81
 3,3'-Dichlorobenzidine
 Concen: 34.036 ng
 RT: 14.10 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Tgt Ion:252 Resp: 113946
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.4 75.6
 126 7.9 11.3 16.9#

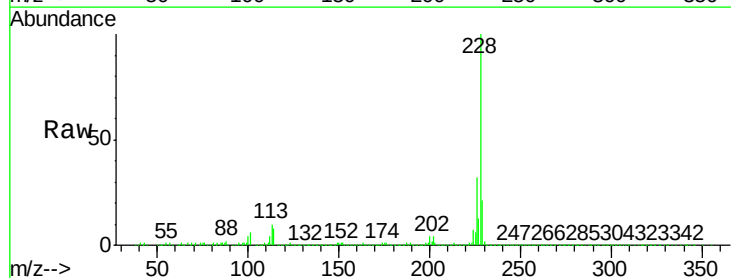


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

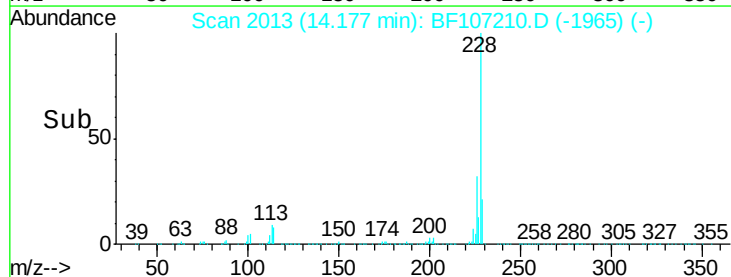
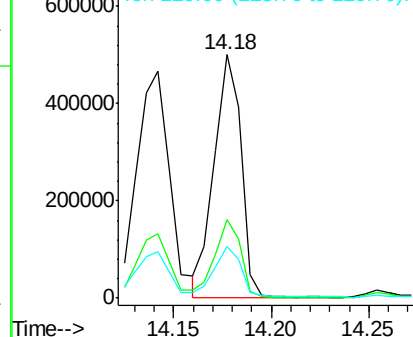


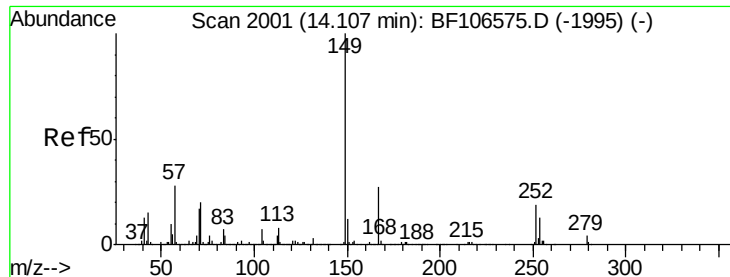
#82
 Chrysene
 Concen: 54.824 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion:228 Resp: 480443
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.0 37.6
 229 21.5 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: 50.122 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

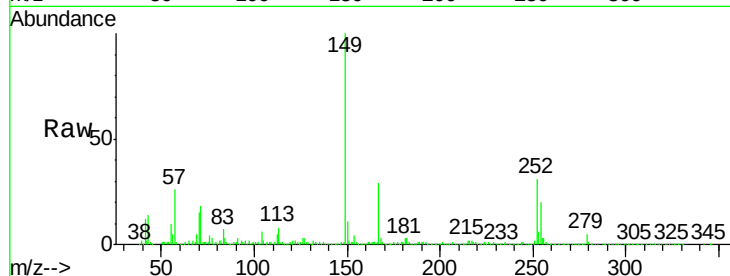
Tgt Ion:149 Resp: 271531

Ion Ratio Lower Upper

149 100

167 28.7 21.3 31.9

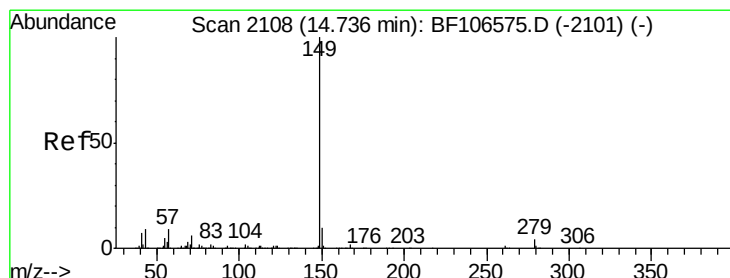
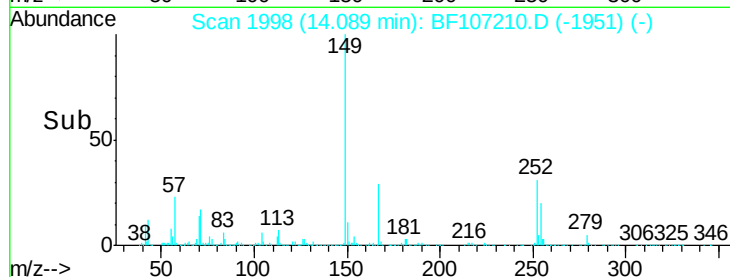
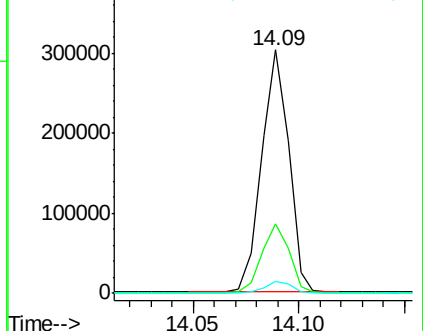
279 4.8 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.320 ng

RT: 14.72 min Scan# 2105

Delta R.T. -0.05 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

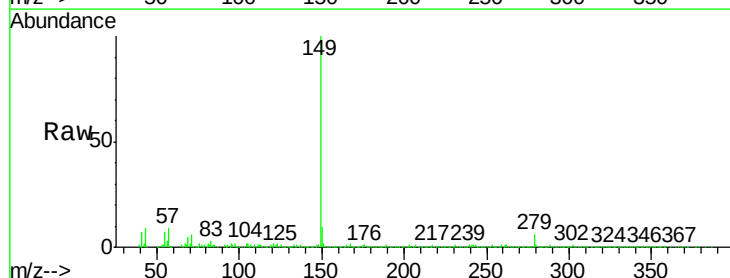
Tgt Ion:149 Resp: 409028

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

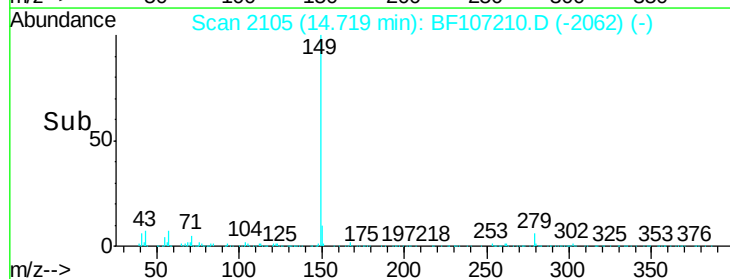
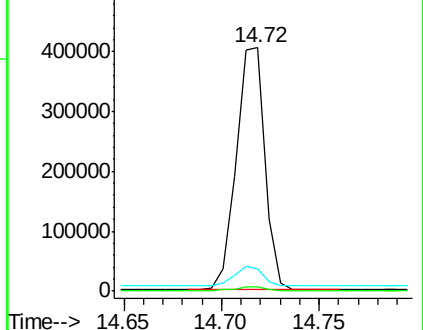
43 8.1 8.4 12.6#

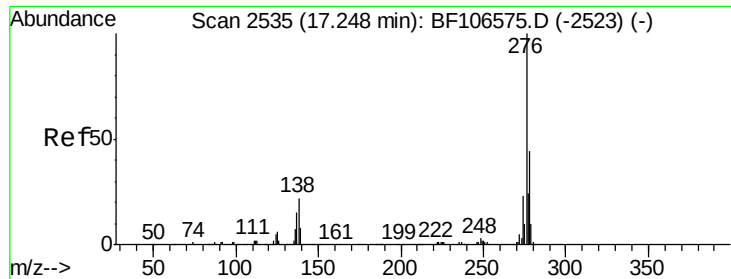


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

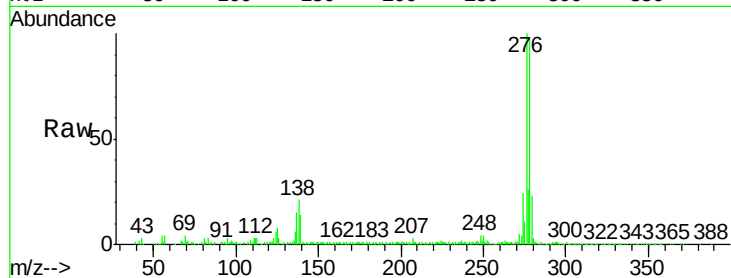




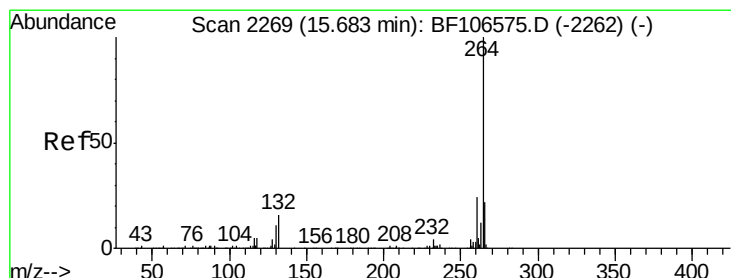
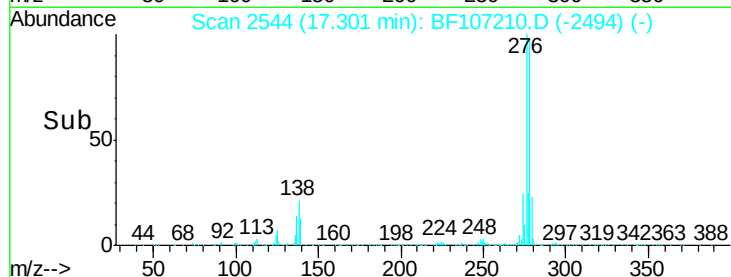
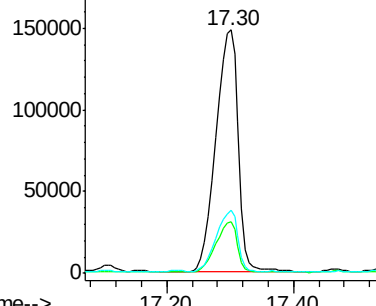
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.295 ng
 RT: 17.30 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	25.0	37.6#
277	24.2	20.1	30.1

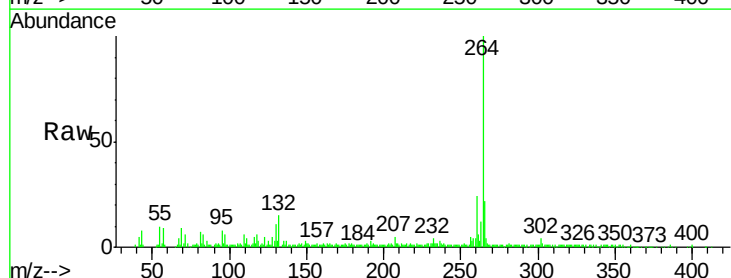


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

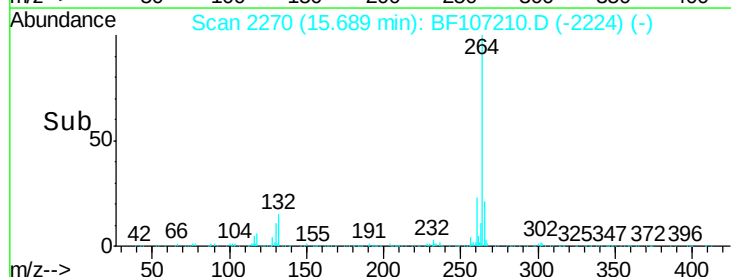
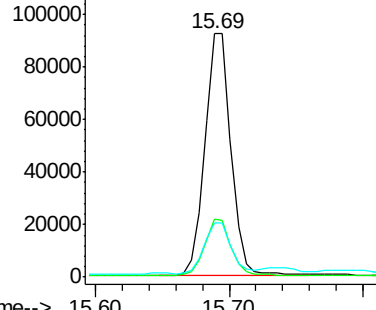


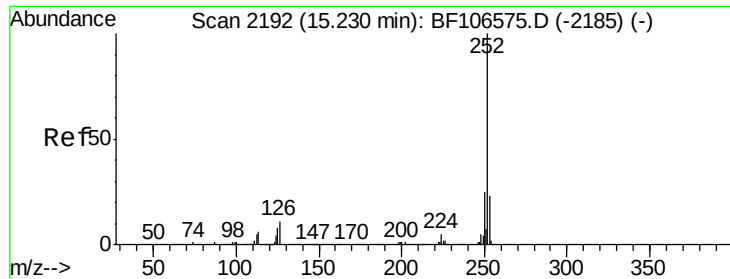
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.5	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

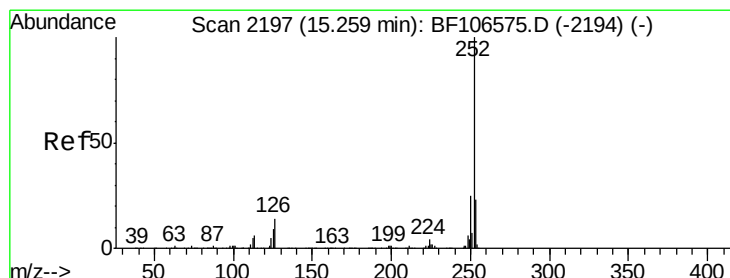
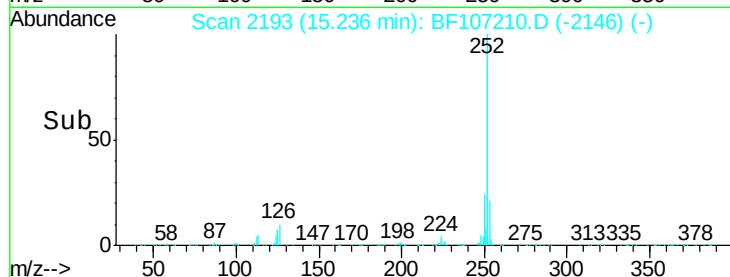
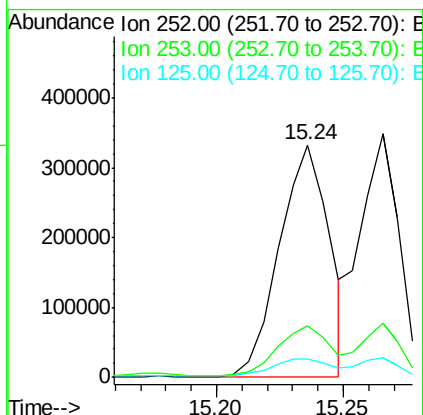
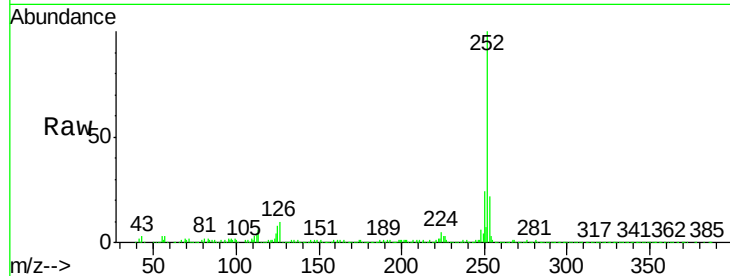




#87
Benzo(b)fluoranthene
Concen: 58.449 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

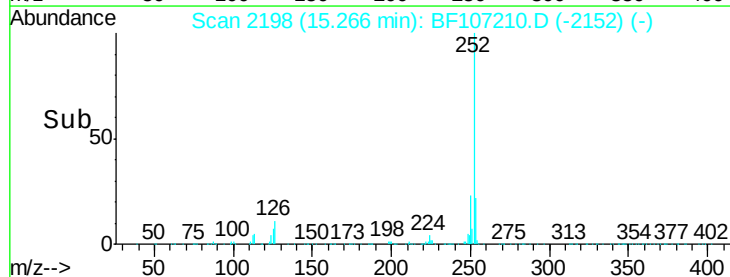
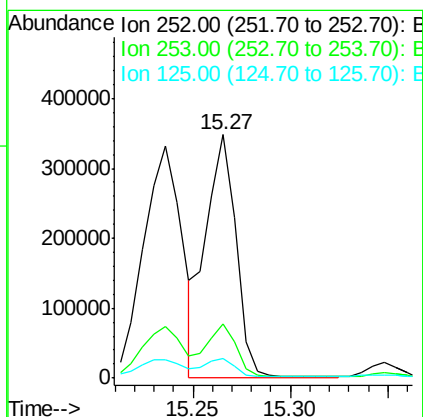
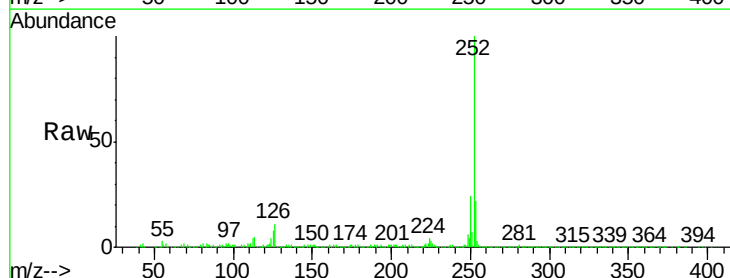
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

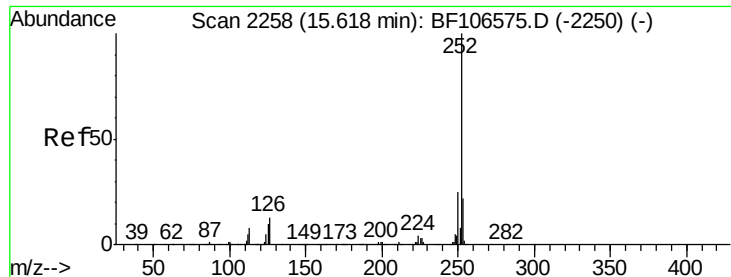
Tgt Ion:252 Resp: 452265
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 8.1 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 50.592 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion:252 Resp: 372799
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 7.9 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 10.924 ng

RT: 15.56 min Scan# 2248

Delta R.T. -0.09 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

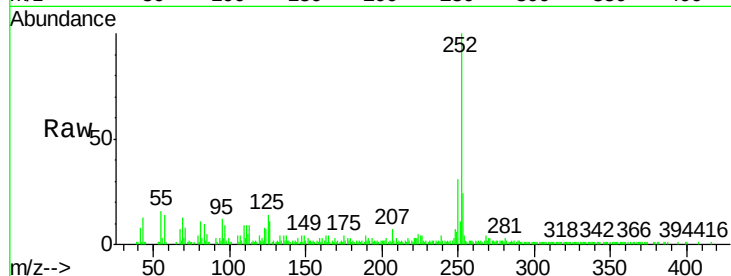
Tgt Ion:252 Resp: 75143

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

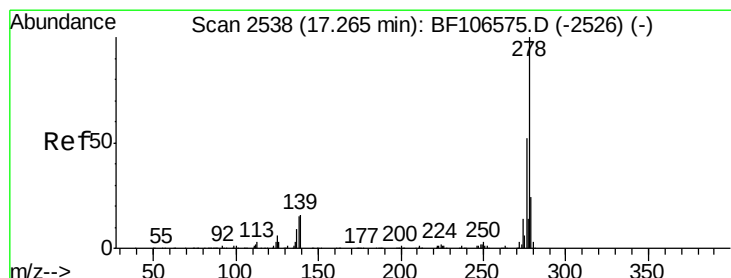
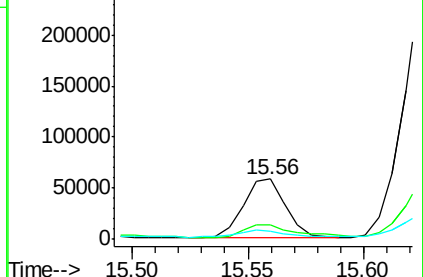
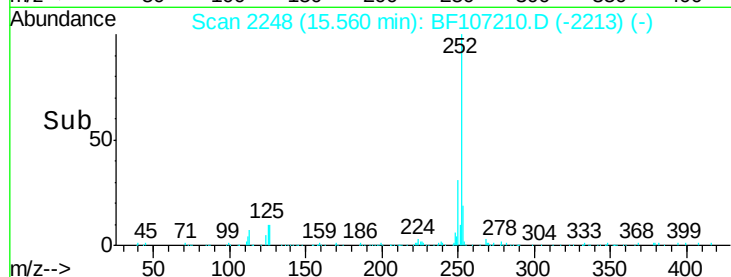
125 14.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.400 ng

RT: 17.30 min Scan# 2544

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

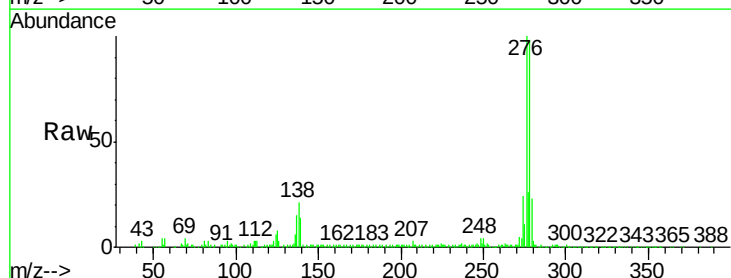
Tgt Ion:278 Resp: 270494

Ion Ratio Lower Upper

278 100

139 13.9 15.9 23.9#

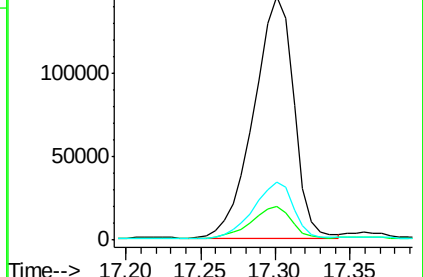
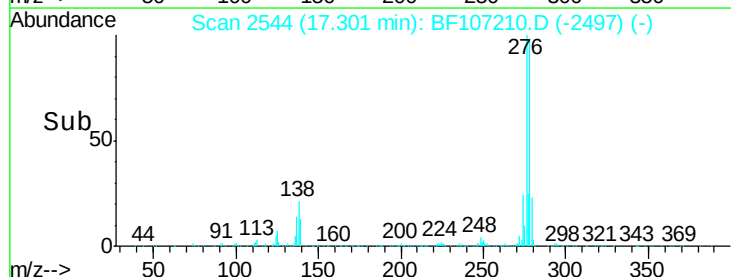
279 23.9 19.0 28.4

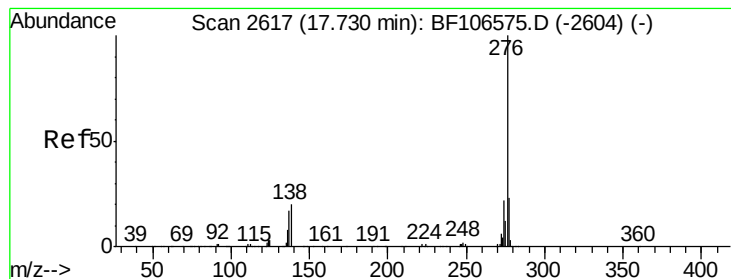


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 54.747 ng

RT: 17.78 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

Tgt Ion: 276 Resp: 311948

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 17.9 21.8 32.8#

