

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106604.D
 Acq On : 20 Jun 2018 1:09
 Operator : JU/SJ
 Sample : J3554-09MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MS

Quant Time: Jun 20 04:46:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	108759	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	385257	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	153768	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	234372	20.00	ng	0.00
75) Chrysene-d12	14.15	240	250907	20.00	ng	0.00
86) Perylene-d12	15.69	264	199861	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	809035	125.96	ng	0.01
7) Phenol-d6	6.61	99	1040236	129.69	ng	0.00
23) Nitrobenzene-d5	7.53	82	712436	102.77	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	219624	123.23	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1009686	116.63	ng	0.00
78) Terphenyl-d14	13.08	244	920335	88.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	125085	37.881	ng	96
3) Pyridine	3.66	79	245891	27.457	ng	99
4) n-Nitrosodimethylamine	3.62	42	162332	42.679	ng	84
6) Aniline	6.64	93	306748	28.193	ng	94
8) 2-Chlorophenol	6.76	128	302820	42.986	ng	98
9) Benzaldehyde	6.52	77	165913	28.012	ng	99
10) Phenol	6.62	94	387124	42.291	ng	81
11) bis(2-Chloroethyl)ether	6.70	93	325595	43.086	ng	98
12) 1,3-Dichlorobenzene	6.91	146	357067	43.276	ng	99
13) 1,4-Dichlorobenzene	6.98	146	355681	42.639	ng	98
14) 1,2-Dichlorobenzene	7.14	146	328062	42.913	ng	99
15) Benzyl Alcohol	7.11	79	280233	43.511	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	479446	48.356	ng	92
17) 2-Methylphenol	7.22	107	264553	43.883	ng	# 93
18) Hexachloroethane	7.47	117	115123	39.245	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	209680	39.659	ng	93
20) 3+4-Methylphenols	7.38	107	296966	45.884	ng	# 70
22) Acetophenone	7.37	105	412914	47.906	ng	# 93
24) Nitrobenzene	7.55	77	345286	48.785	ng	96
25) Isophorone	7.78	82	625566	51.209	ng	98
26) 2-Nitrophenol	7.86	139	165561	49.552	ng	96
27) 2,4-Dimethylphenol	7.90	122	271742	52.620	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	401283	48.925	ng	99
29) 2,4-Dichlorophenol	8.11	162	265451	49.097	ng	96
30) 1,2,4-Trichlorobenzene	8.18	180	273086	45.850	ng	97
31) Naphthalene	8.27	128	831986	46.191	ng	99
32) Benzoic acid	8.01	122	98070	28.721	ng	93
33) 4-Chloroaniline	8.31	127	154929	20.499	ng	97
34) Hexachlorobutadiene	8.38	225	177442	45.721	ng	99
35) Caprolactam	8.69	113	71927	40.812	ng	93
36) 4-Chloro-3-methylphenol	8.81	107	261527	45.956	ng	95
37) 2-Methylnaphthalene	8.96	142	535643	44.866	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	272297	52.583	ng	# 97
40) Hexachlorocyclopentadiene	9.11	237	60085	22.552	ng	96

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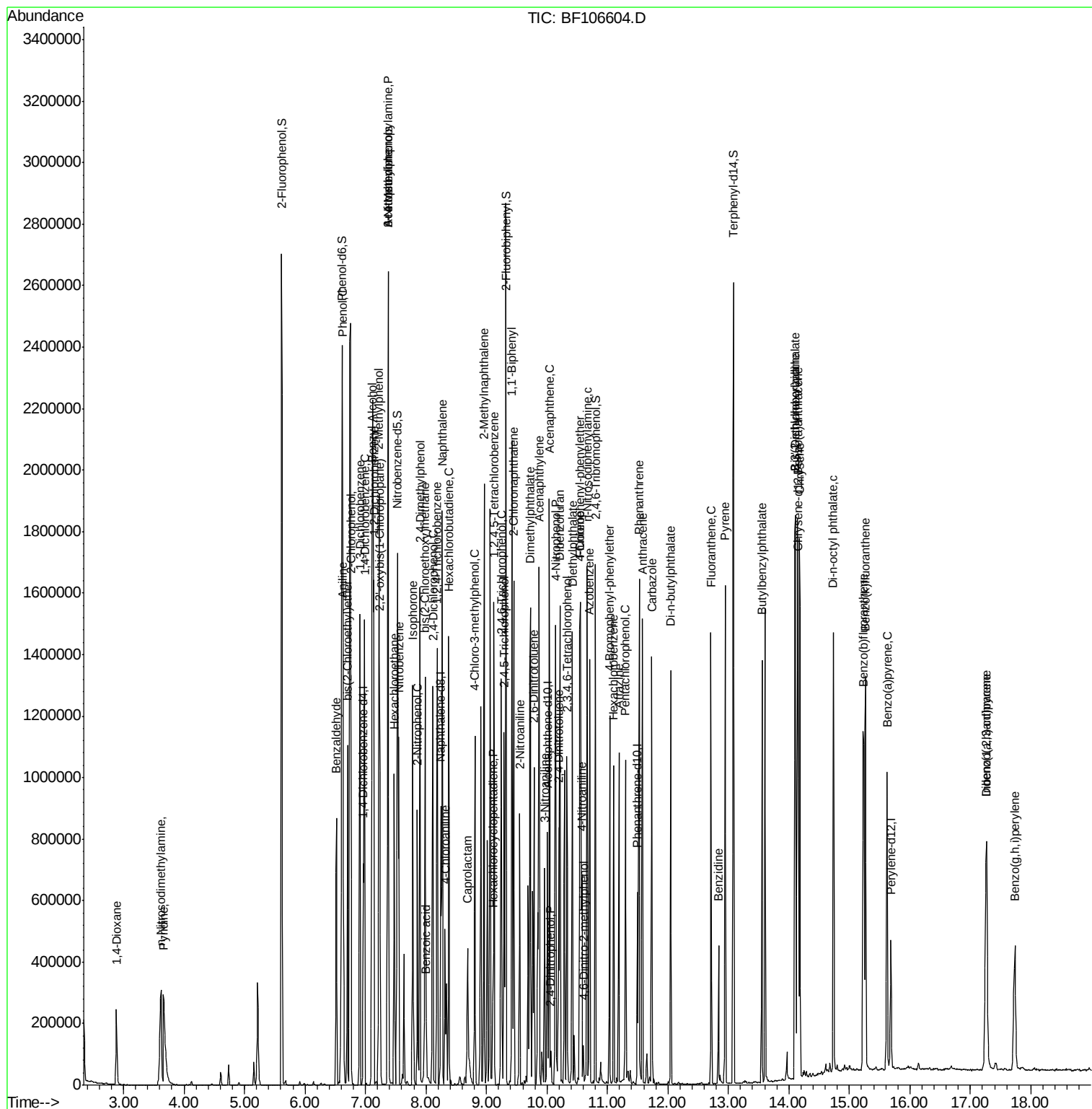
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	177842	51.665	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	180234	50.179	ng	96
45) 1,1'-Biphenyl	9.42	154	612515	49.983	ng	99
46) 2-Chloronaphthalene	9.45	162	478257	49.580	ng	98
47) 2-Nitroaniline	9.55	65	161497	49.788	ng	88
48) Acenaphthylene	9.87	152	717046	47.084	ng	99
49) Dimethylphthalate	9.72	163	711639	61.706	ng	# 99
50) 2,6-Dinitrotoluene	9.79	165	119978	49.129	ng	98
51) Acenaphthene	10.04	154	400675	41.780	ng	99
52) 3-Nitroaniline	9.96	138	103297	36.758	ng	98
53) 2,4-Dinitrophenol	10.07	184	11803	14.027	ng	# 23
54) Dibenzofuran	10.21	168	590143	44.940	ng	97
55) 4-Nitrophenol	10.14	139	141644	72.210	ng	97
56) 2,4-Dinitrotoluene	10.20	165	140762	44.159	ng	# 90
57) Fluorene	10.56	166	434217	41.670	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	130382	45.665	ng	# 83
59) Diethylphthalate	10.42	149	520382	46.750	ng	95
60) 4-Chlorophenyl-phenylether	10.54	204	239504	43.927	ng	92
61) 4-Nitroaniline	10.58	138	106454	38.170	ng	99
62) Azobenzene	10.71	77	469810	42.861	ng	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	14967	10.331	ng	80
65) n-Nitrosodiphenylamine	10.67	169	409464	51.941	ng	96
66) 4-Bromophenyl-phenylether	11.04	248	149416	53.418	ng	# 83
67) Hexachlorobenzene	11.10	284	142118	48.545	ng	# 89
68) Atrazine	11.19	200	127745	50.974	ng	96
69) Pentachlorophenol	11.30	266	118024	80.797	ng	99
70) Phenanthrene	11.52	178	560402	49.575	ng	99
71) Anthracene	11.58	178	579735	50.244	ng	99
72) Carbazole	11.73	167	522386	48.357	ng	99
73) Di-n-butylphthalate	12.05	149	646944	50.834	ng	100
74) Fluoranthene	12.72	202	634637	50.936	ng	96
76) Benzidine	12.84	184	177064	24.779	ng	98
77) Pyrene	12.95	202	654672	39.568	ng	99
79) Butylbenzylphthalate	13.55	149	289855	42.609	ng	96
80) Benzo(a)anthracene	14.14	228	708299	46.318	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	247339	46.021	ng	# 96
82) Chrysene	14.18	228	666850	47.400	ng	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	401250	46.136	ng	99
84) Di-n-octyl phthalate	14.74	149	741395	52.297	ng	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	461162	38.626	ng	# 93
87) Benzo(b)fluoranthene	15.23	252	622964	50.177	ng	98
88) Benzo(k)fluoranthene	15.27	252	565312	47.815	ng	# 97
89) Benzo(a)pyrene	15.62	252	537700	48.718	ng	98
90) Dibenzo(a,h)anthracene	17.27	278	392390	41.951	ng	# 94
91) Benzo(g,h,i)perylene	17.74	276	373220	40.823	ng	# 93

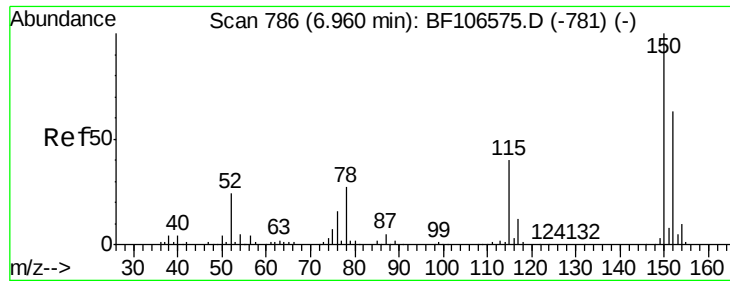
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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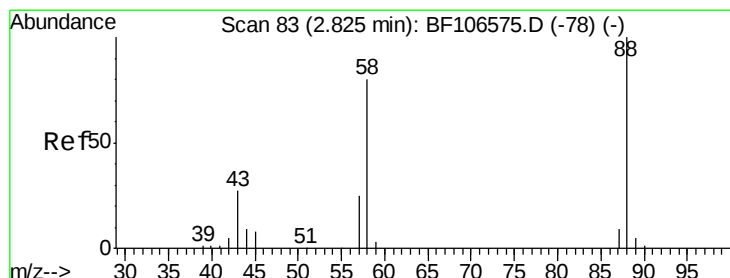
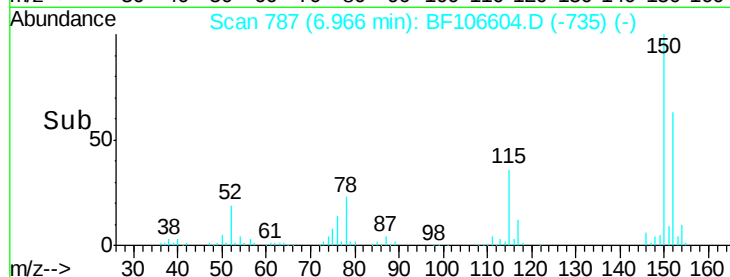
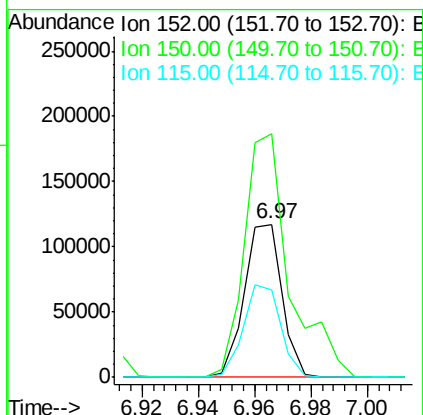
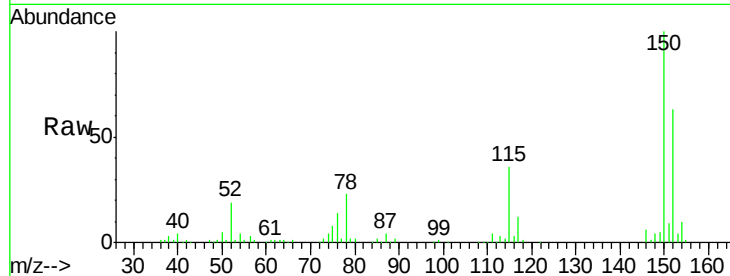


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

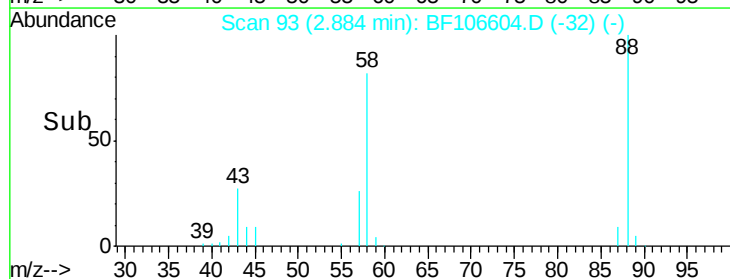
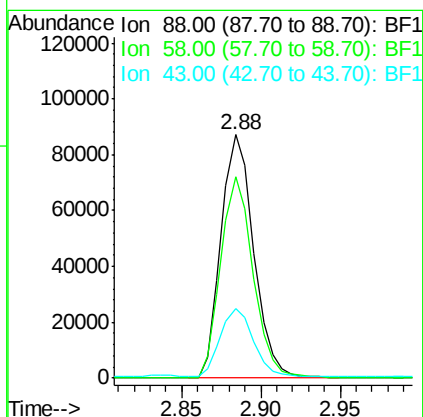
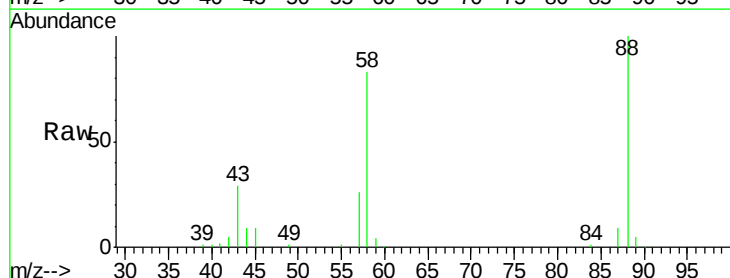
Tgt Ion: 152 Resp: 108759
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 57.1 50.1 75.1

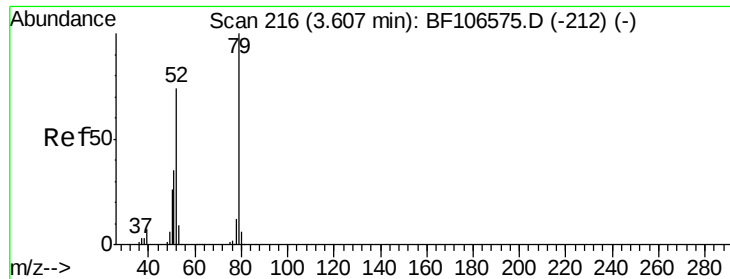


#2

1,4-Dioxane
Concen: 37.881 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion: 88 Resp: 125085
Ion Ratio Lower Upper
88 100
58 82.0 62.6 93.8
43 29.2 24.6 37.0





#3

Pyridine

Concen: 27.457 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

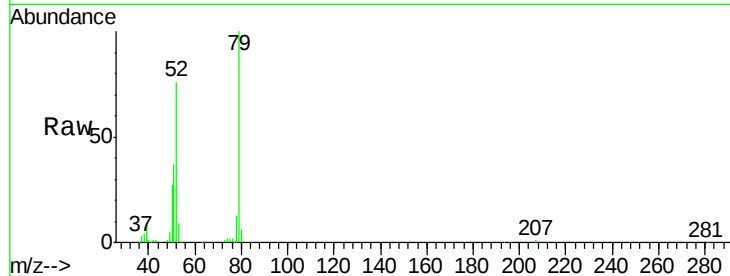
Tgt Ion: 79 Resp: 245891

Ion Ratio Lower Upper

79 100

52 76.3 59.8 89.6

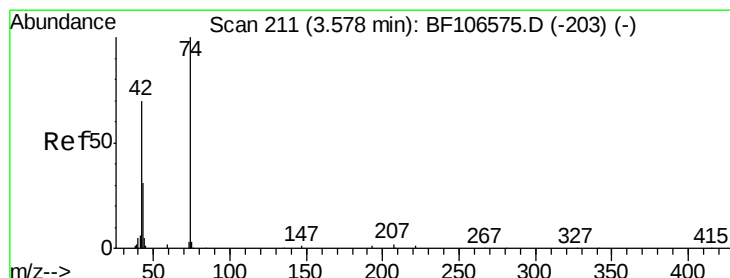
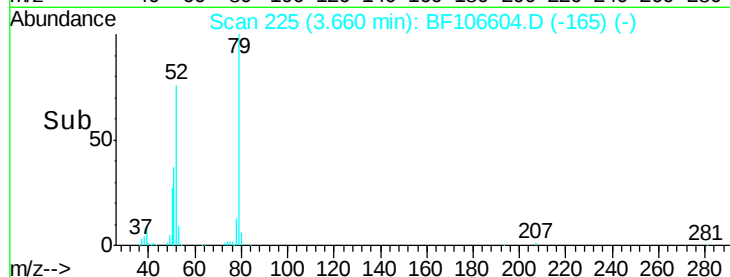
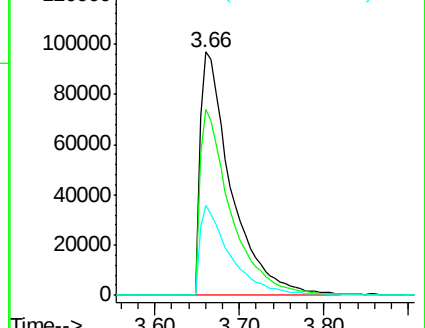
51 37.0 29.8 44.8



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: 42.679 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.04 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

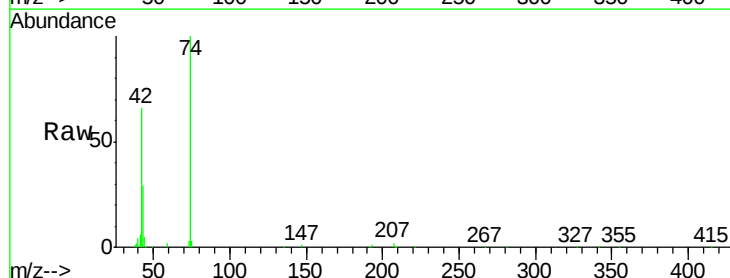
Tgt Ion: 42 Resp: 162332

Ion Ratio Lower Upper

42 100

74 150.5 104.9 157.3

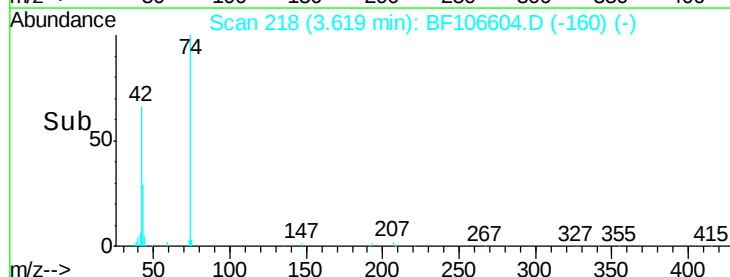
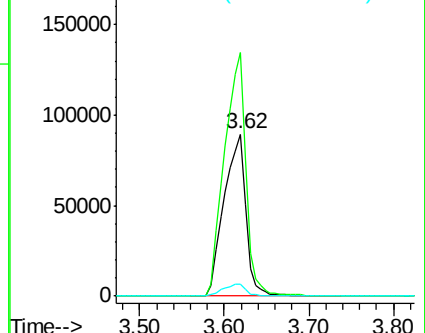
44 7.0 6.9 10.3

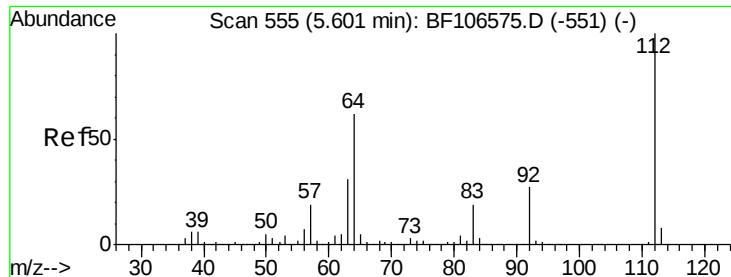


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 125.962 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106604.D

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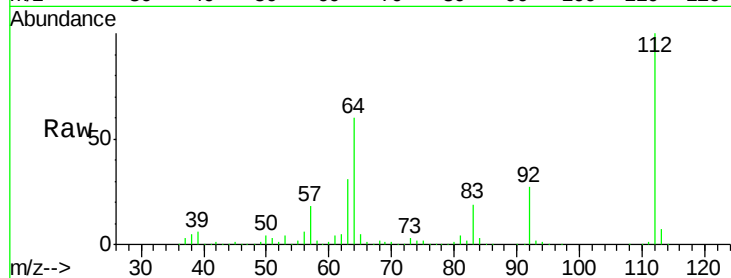
Tgt Ion: 112 Resp: 809035

Ion Ratio Lower Upper

112 100

64 60.5 47.9 71.9

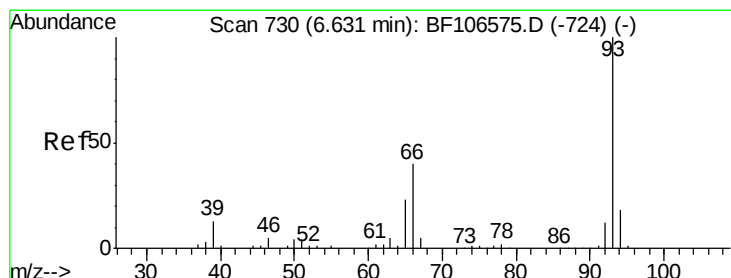
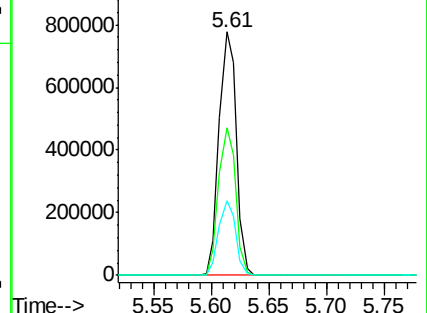
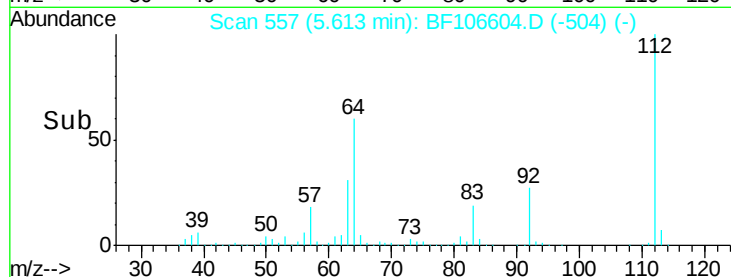
63 30.5 23.7 35.5



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: 28.193 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

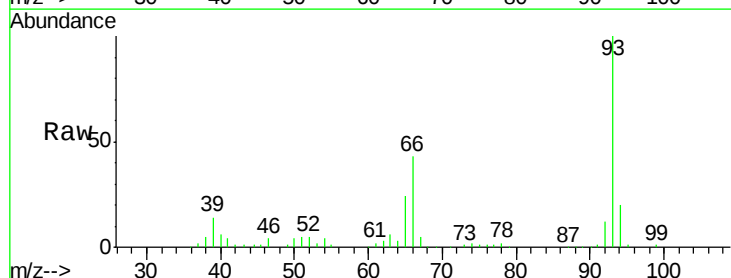
Tgt Ion: 93 Resp: 306748

Ion Ratio Lower Upper

93 100

66 43.2 32.2 48.2

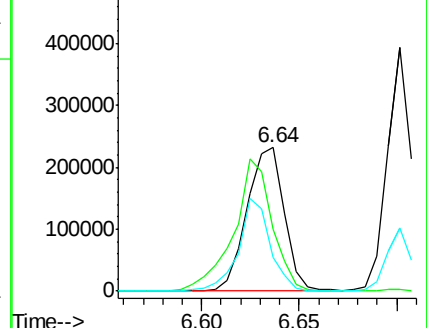
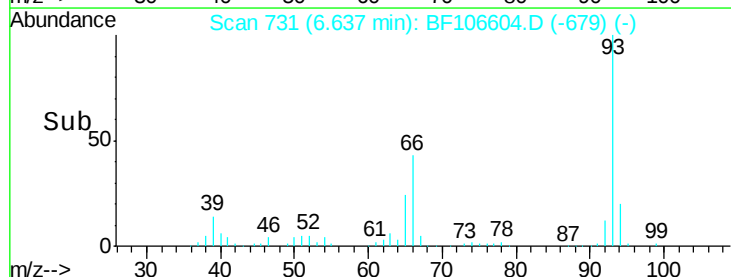
65 23.9 16.4 24.6

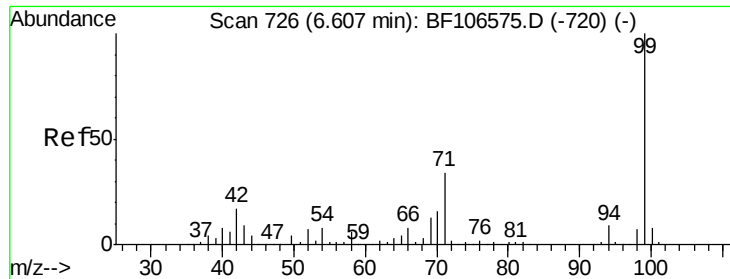


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.691 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106604.D

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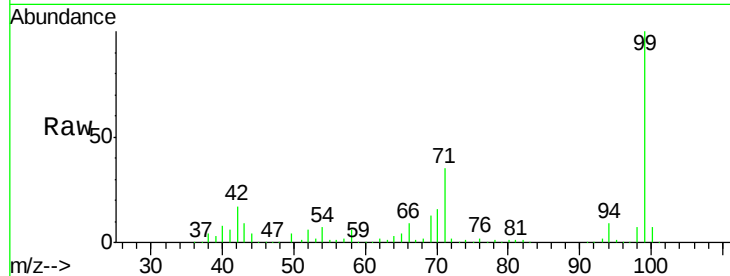
Tgt Ion: 99 Resp: 1040236

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

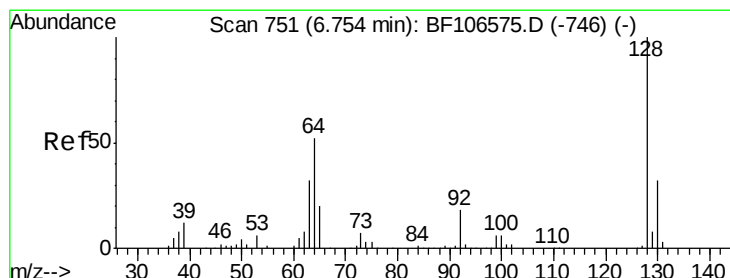
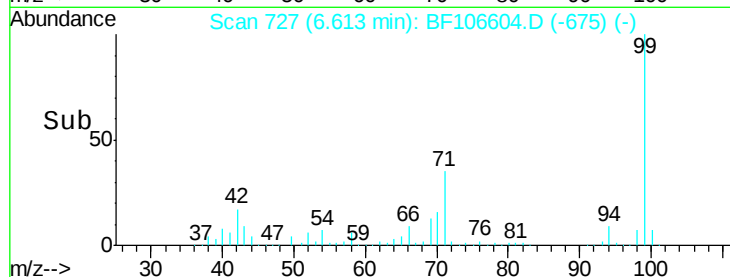
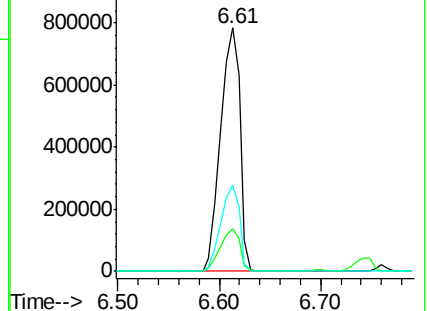
71 35.3 25.4 38.0



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: 42.986 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

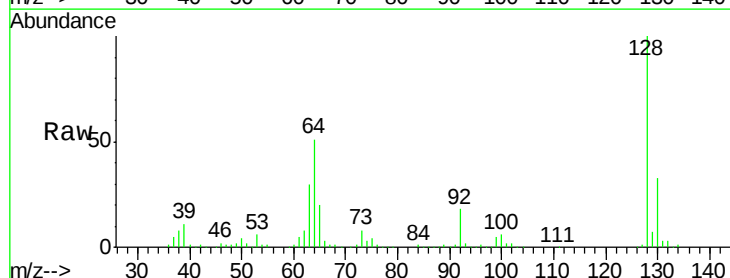
Tgt Ion: 128 Resp: 302820

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

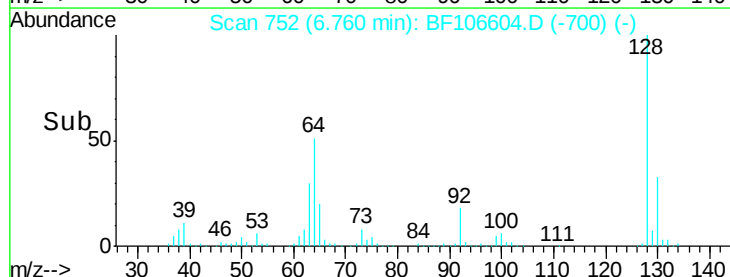
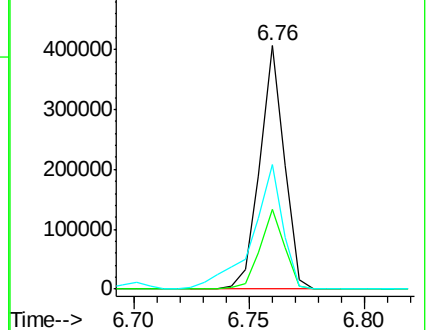
64 50.9 29.4 69.4

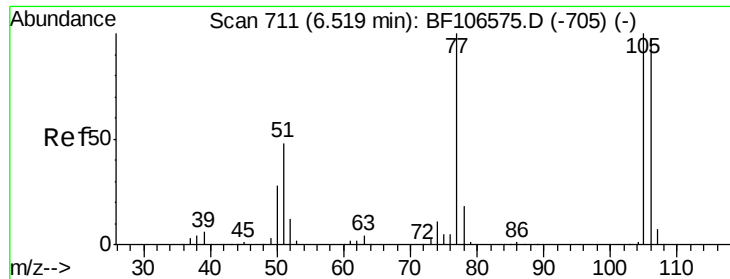


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.012 ng

RT: 6.52 min Scan# 711

Delta R.T. 0.00 min

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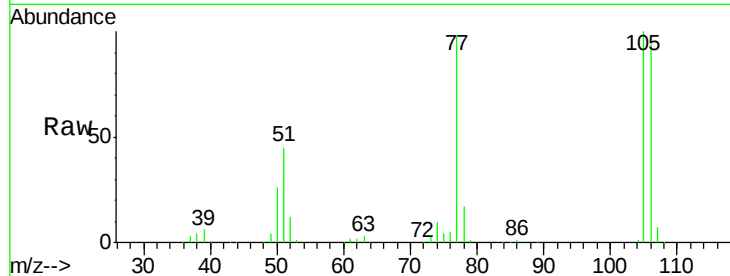
Tgt Ion: 77 Resp: 165913

Ion Ratio Lower Upper

77 100

105 102.0 81.1 121.1

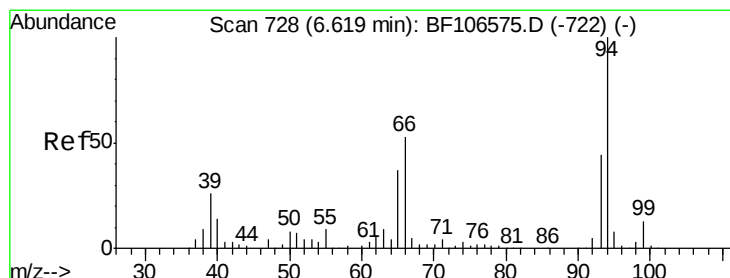
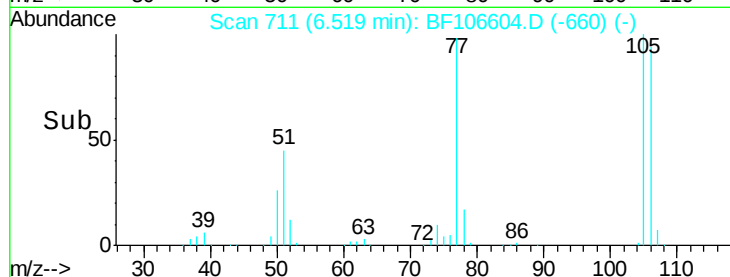
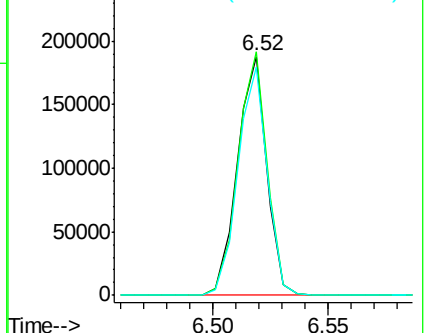
106 95.7 74.5 114.5



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: 42.291 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

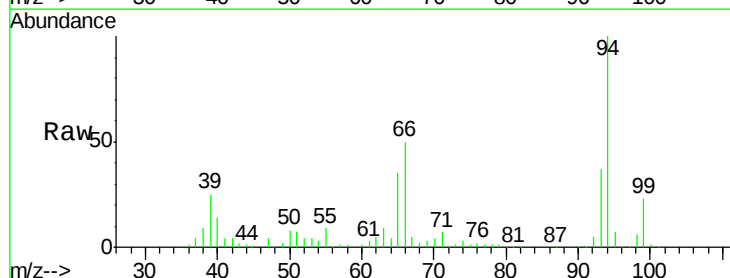
Tgt Ion: 94 Resp: 387124

Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

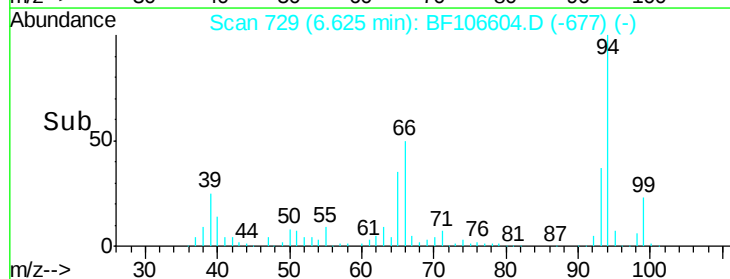
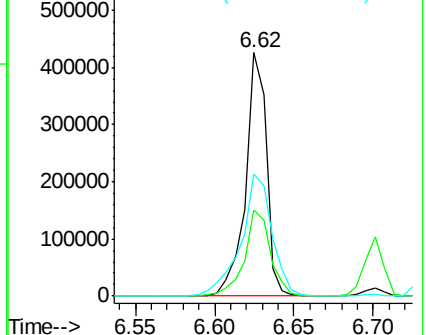
66 50.2 16.2 56.2

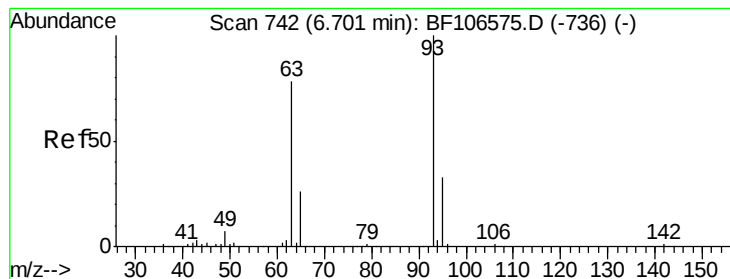


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.086 ng

RT: 6.70 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

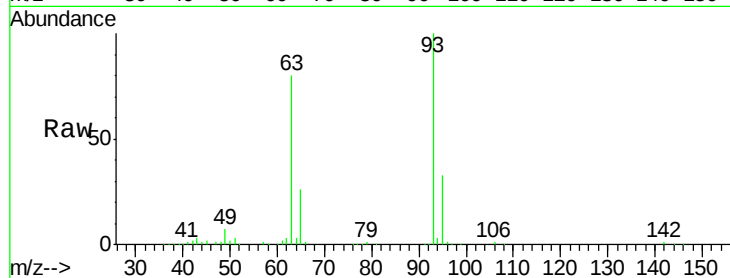
Tgt Ion: 93 Resp: 325595

Ion Ratio Lower Upper

93 100

63 80.2 58.6 98.6

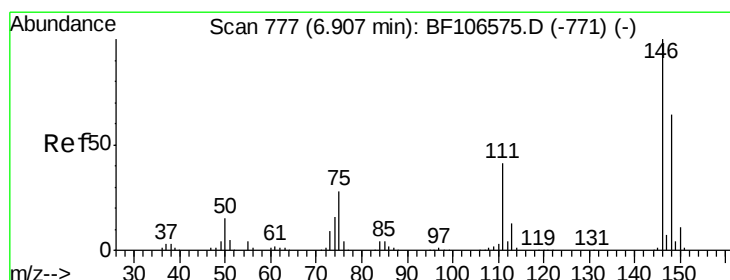
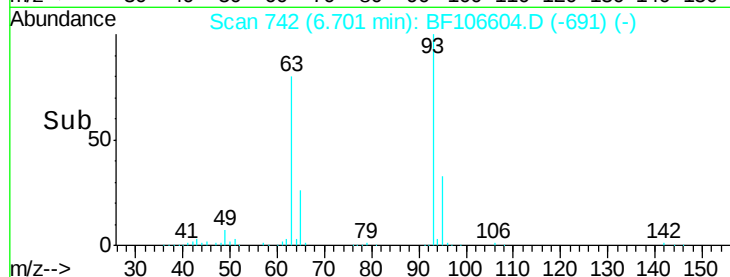
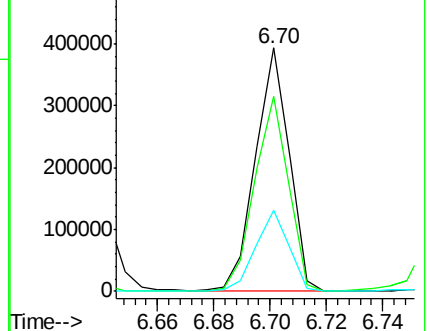
95 33.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.276 ng

RT: 6.91 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

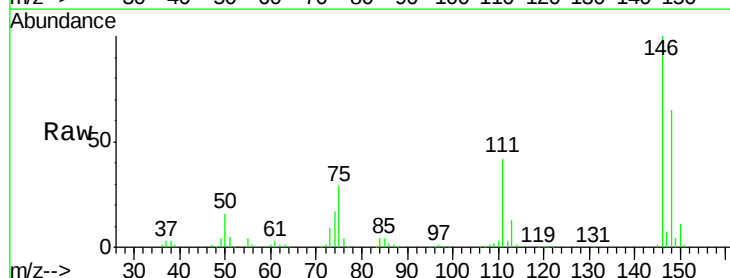
Tgt Ion: 146 Resp: 357067

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.8

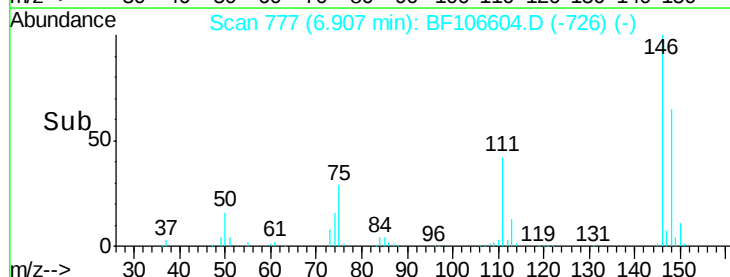
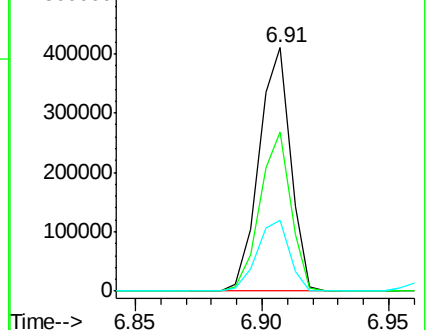
75 29.3 24.2 36.4

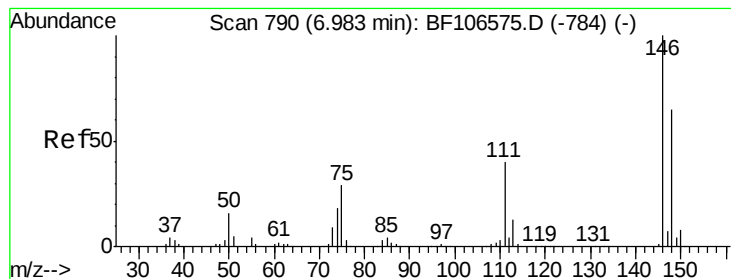


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.639 ng

RT: 6.98 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

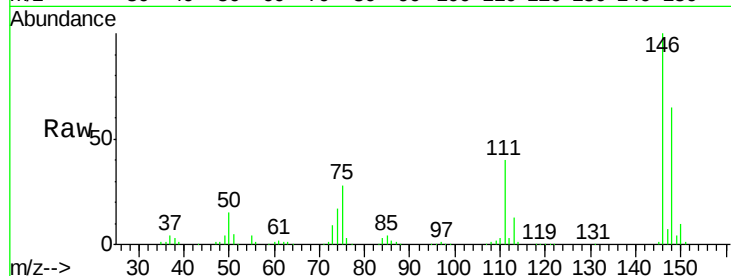
Tgt Ion:146 Resp: 355681

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

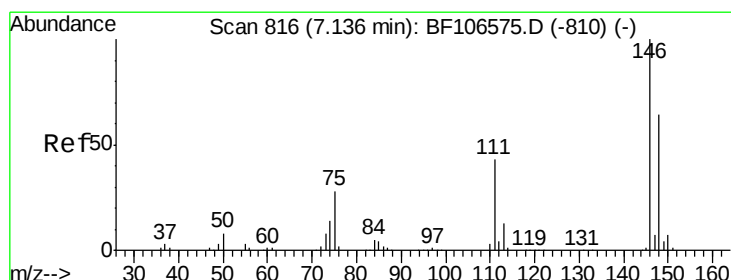
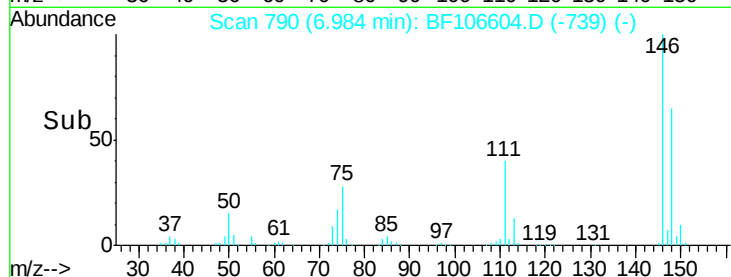
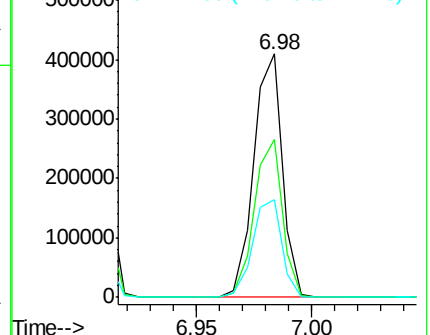
111 40.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.913 ng

RT: 7.14 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

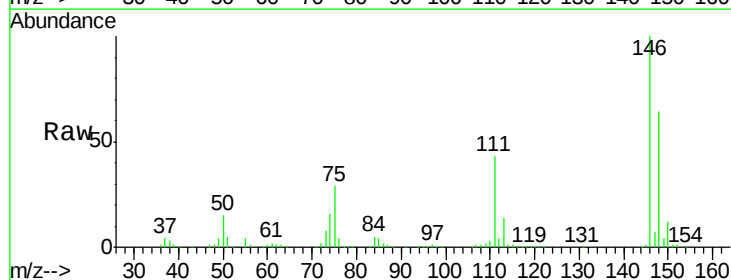
Tgt Ion:146 Resp: 328062

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

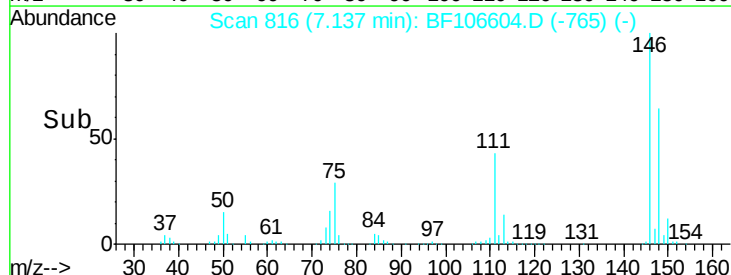
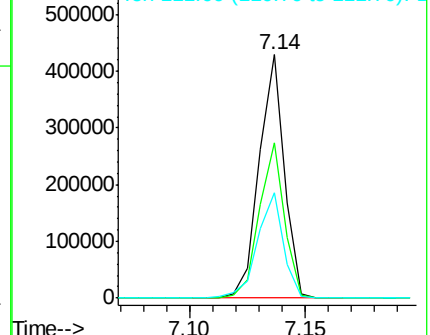
111 43.5 36.0 54.0

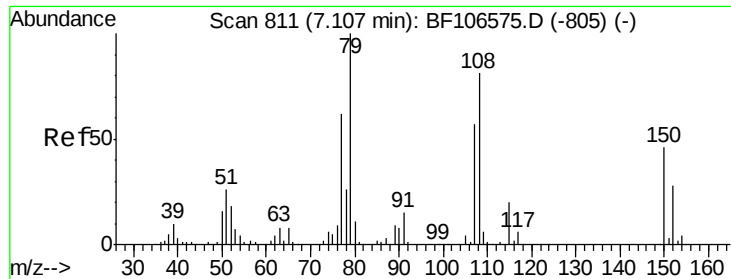


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

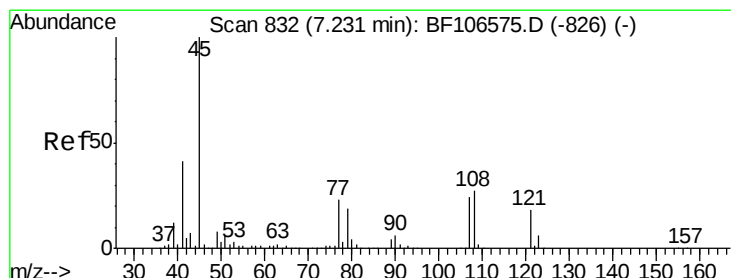
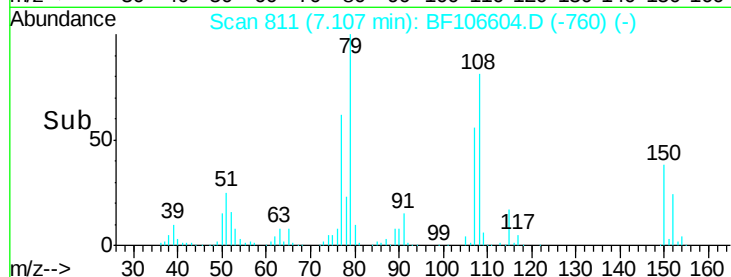
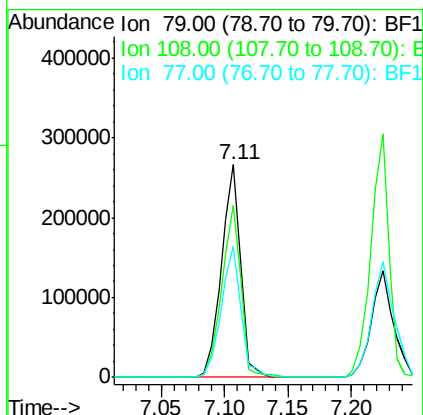
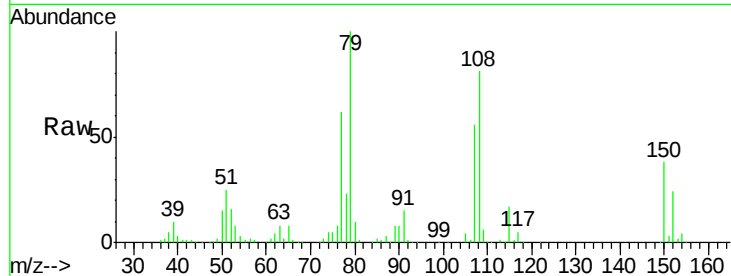




#15
Benzyl Alcohol
Concen: 43.511 ng
RT: 7.11 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

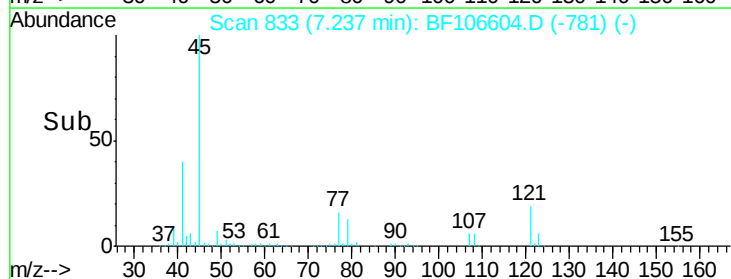
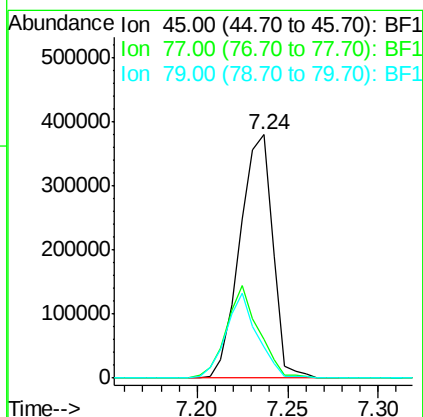
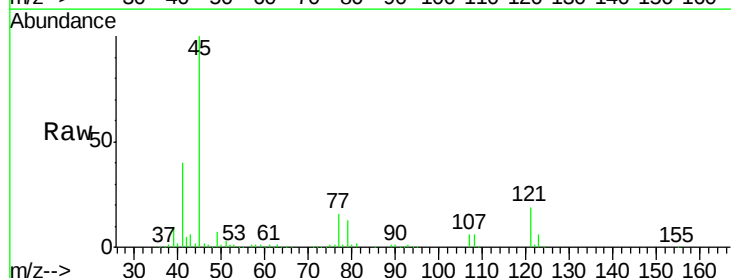
Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

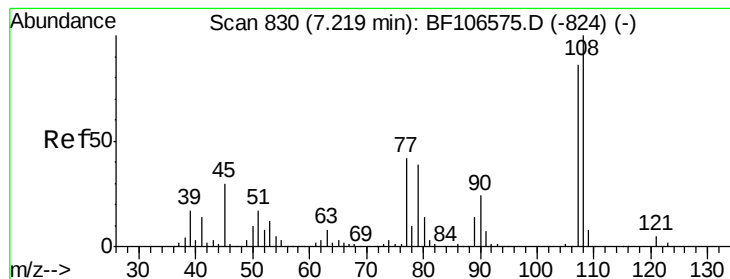
Tgt Ion: 79 Resp: 280233
Ion Ratio Lower Upper
79 100
108 80.8 65.1 97.7
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.356 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion: 45 Resp: 479446
Ion Ratio Lower Upper
45 100
77 16.0 0.0 32.9
79 12.8 0.0 29.6





#17

2-Methylphenol

Concen: 43.883 ng

RT: 7.22 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

Tgt Ion:107 Resp: 264553

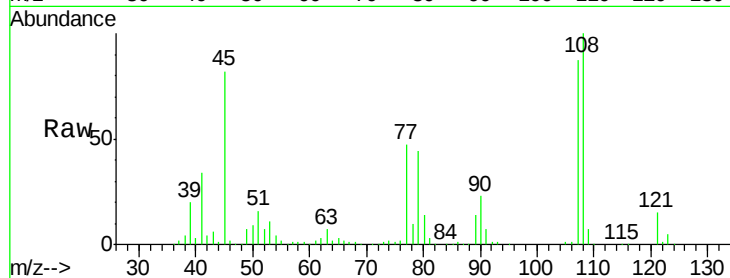
Ion Ratio Lower Upper

107 100

108 115.5 91.7 137.5

77 54.8 33.8 50.8#

79 50.5 33.8 50.8

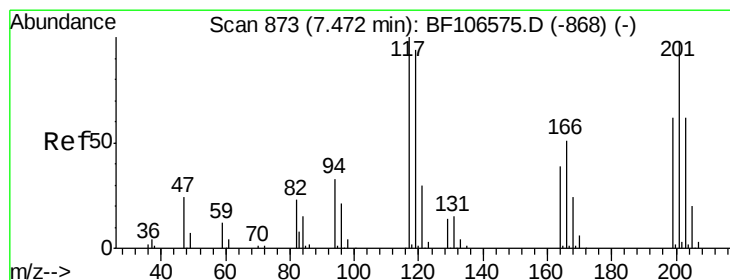
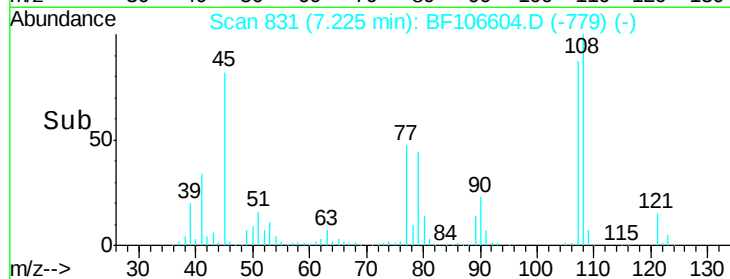
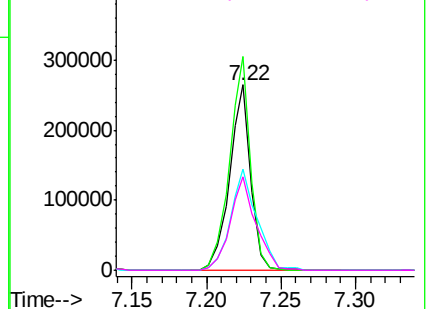


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.245 ng

RT: 7.47 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

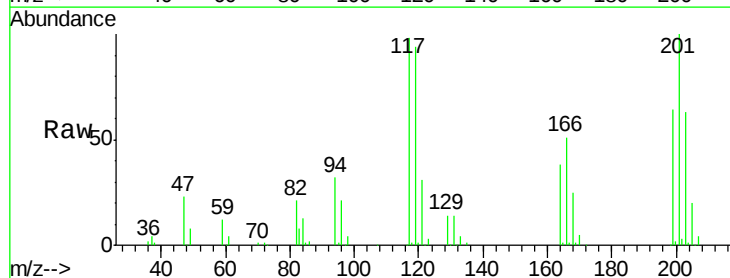
Tgt Ion:117 Resp: 115123

Ion Ratio Lower Upper

117 100

119 95.2 75.8 113.8

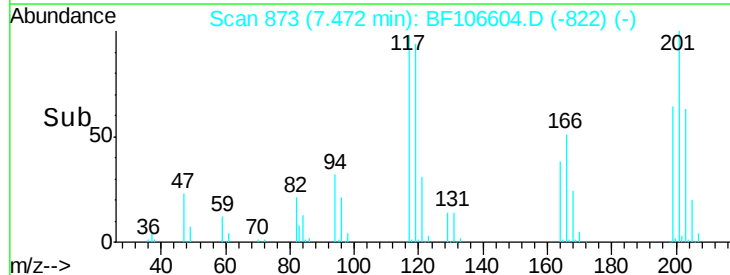
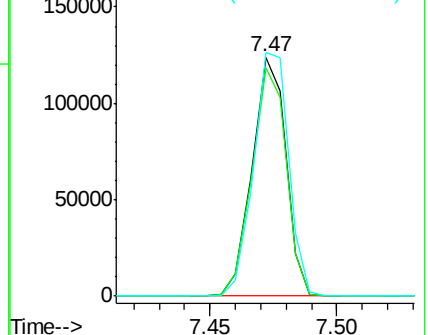
201 101.9 75.7 113.5

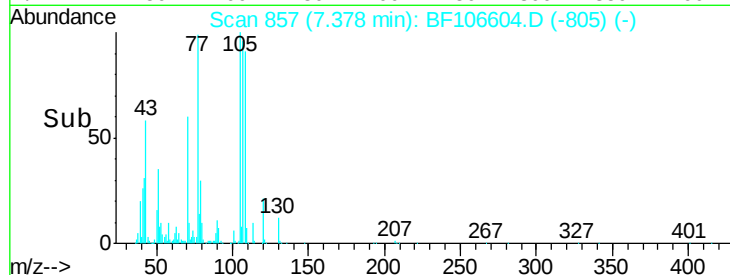
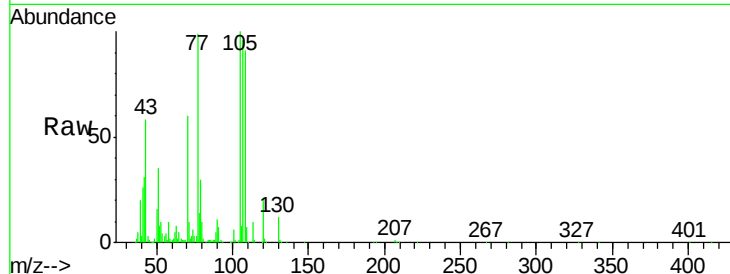
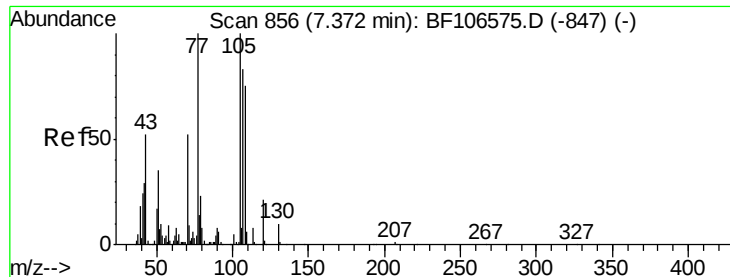


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

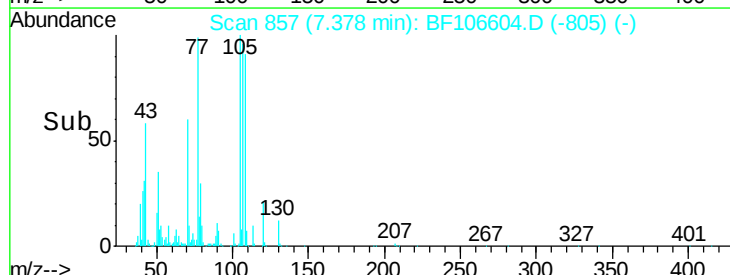
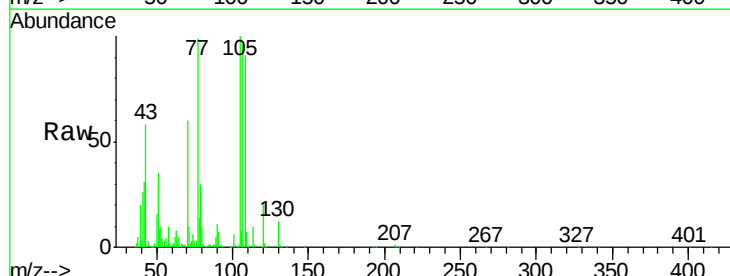
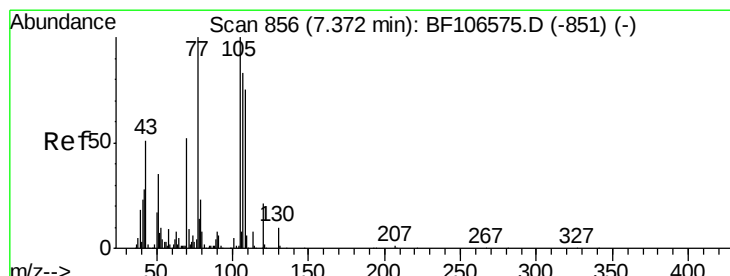
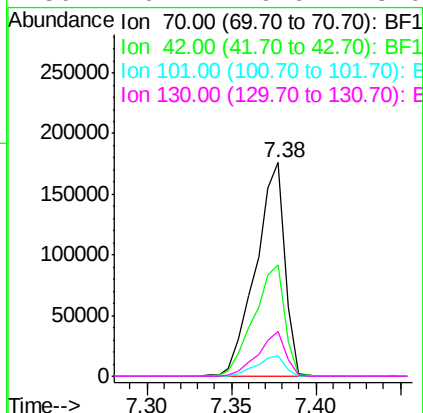




#19
n-Nitroso-di-n-propylamine
Concen: 39.659 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

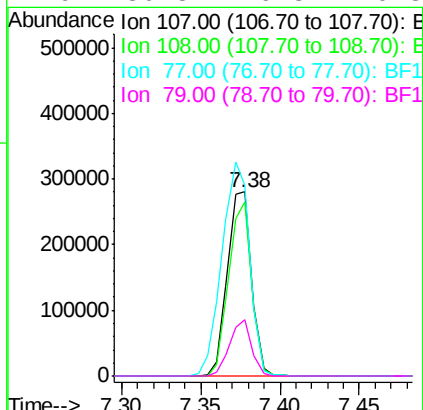
Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

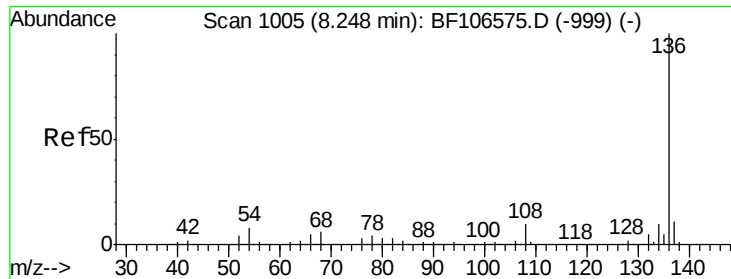
Tgt Ion:	70	Resp:	209680
Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	9.6	7.4	11.2
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.884 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion:	107	Resp:	296966
Ion	Ratio	Lower	Upper
107	100		
108	94.3	68.2	108.2
77	103.4	26.7	66.7#
79	30.8	6.3	46.3

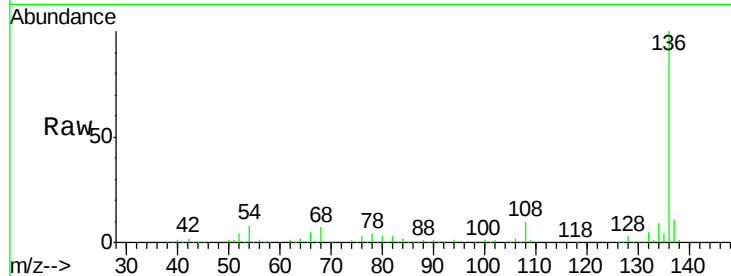




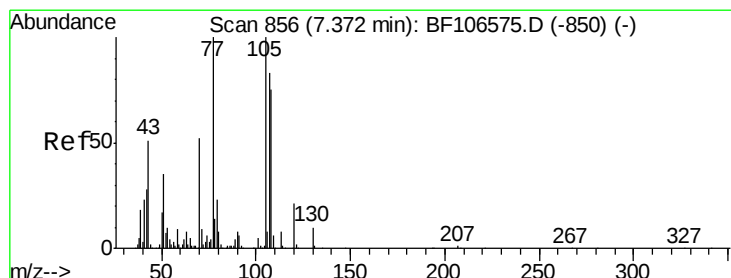
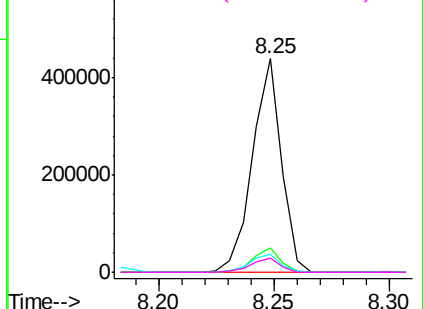
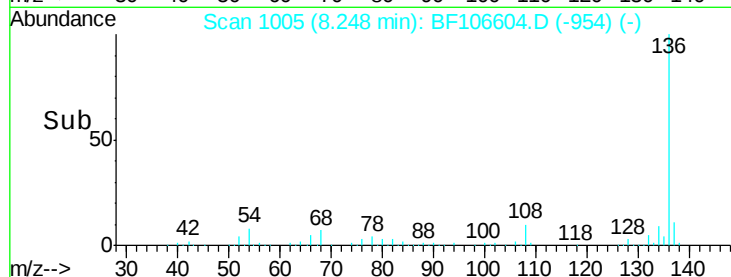
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

Tgt Ion:	136	Resp:	385257
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.1	6.6	9.8
68	6.5	5.0	7.4

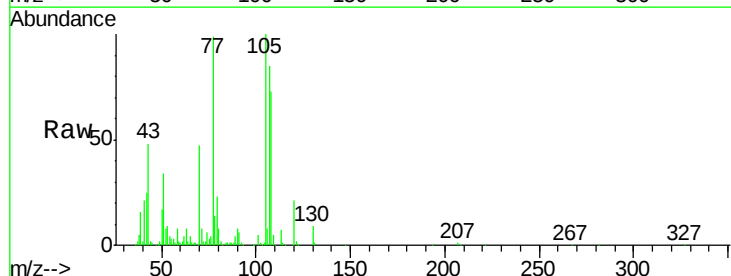


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

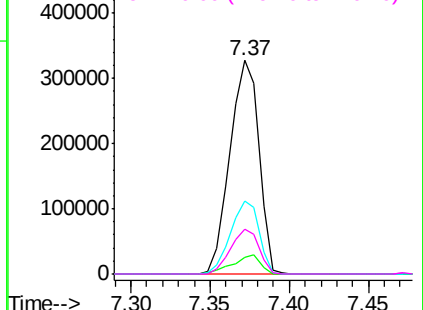
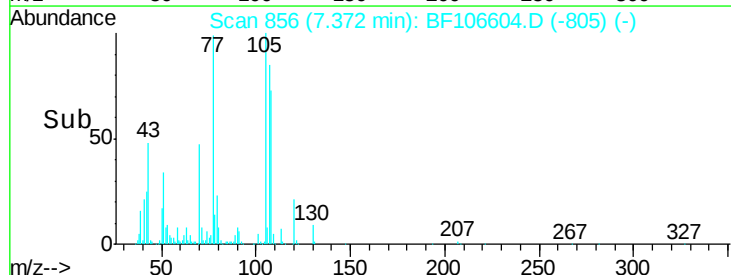


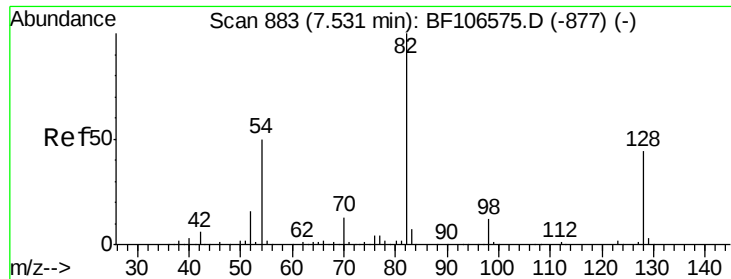
#22
Acetophenone
Concen: 47.906 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion:	105	Resp:	412914
Ion Ratio	Lower	Upper	
105	100		
71	7.8	4.4	6.6#
51	34.2	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

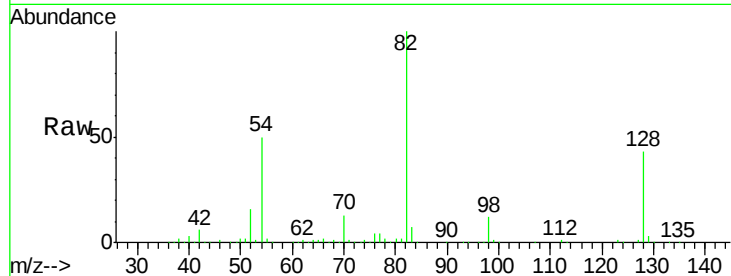




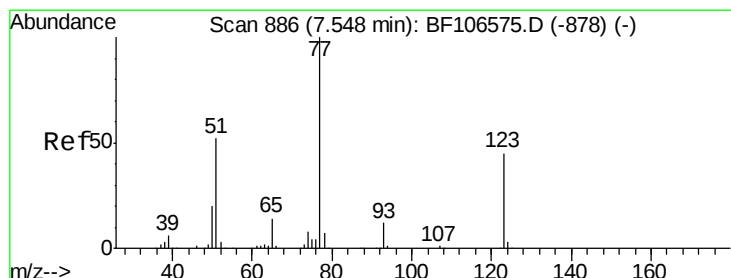
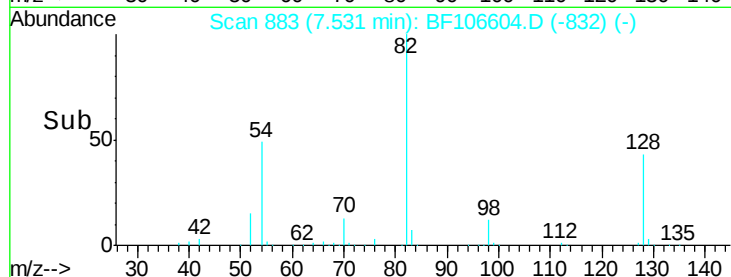
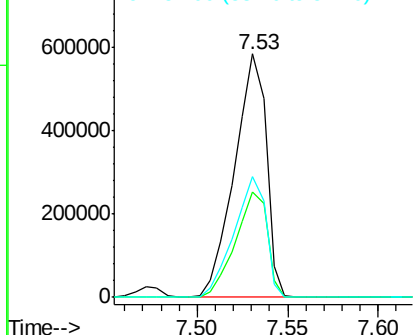
#23
 Nitrobenzene-d5
 Concen: 102.769 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	49.8	41.4	62.2

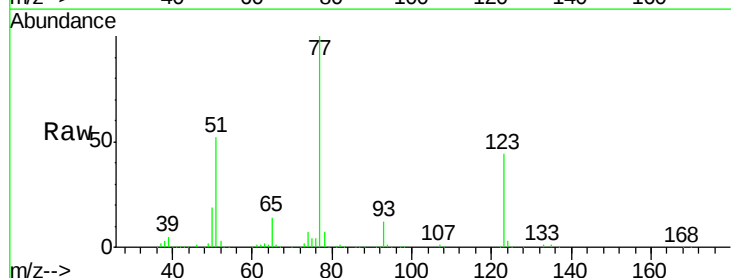


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

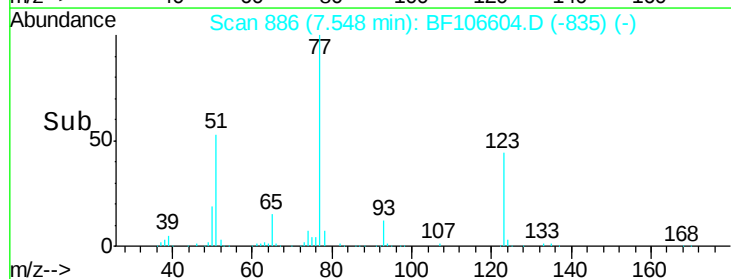
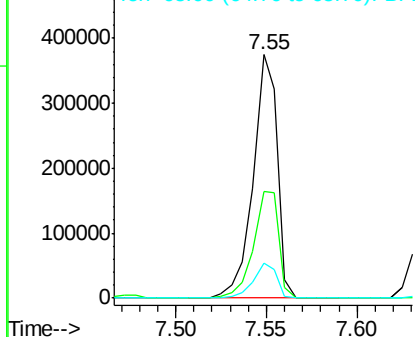


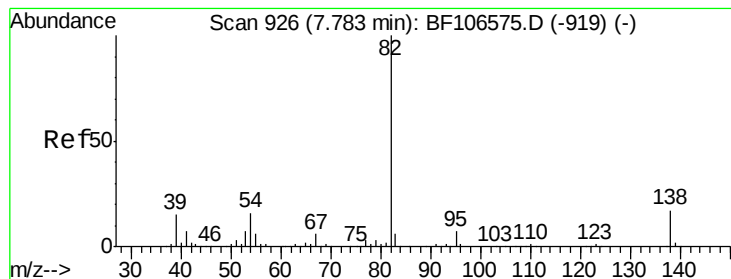
#24
 Nitrobenzene
 Concen: 48.785 ng
 RT: 7.55 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	37.9	56.9
65	14.5	11.0	16.4



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





#25

Isophorone

Concen: 51.209 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

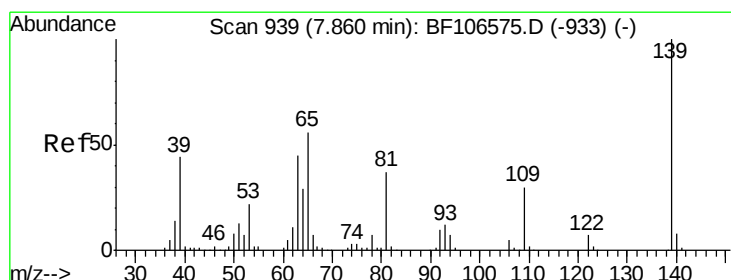
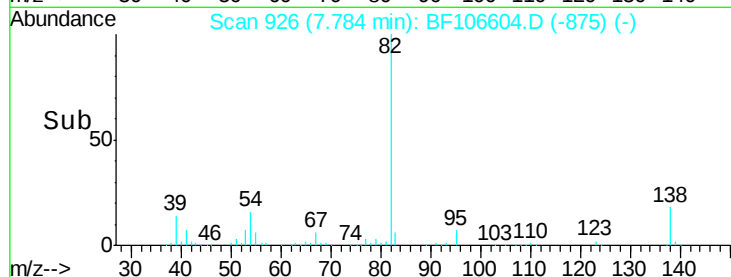
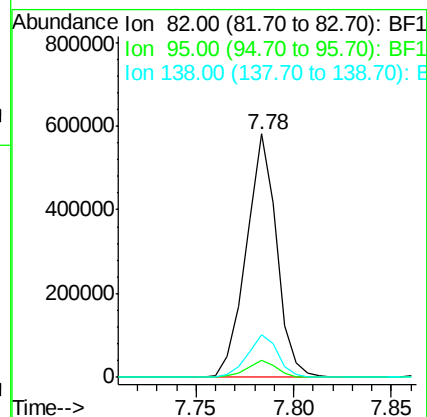
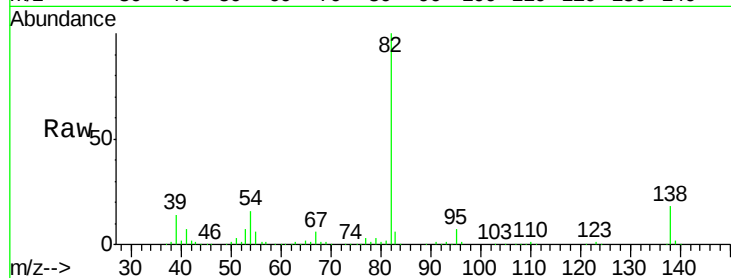
Tgt Ion: 82 Resp: 625566

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 17.6 14.9 22.3



#26

2-Nitrophenol

Concen: 49.552 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

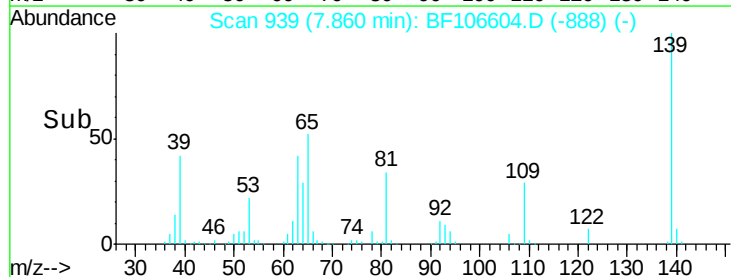
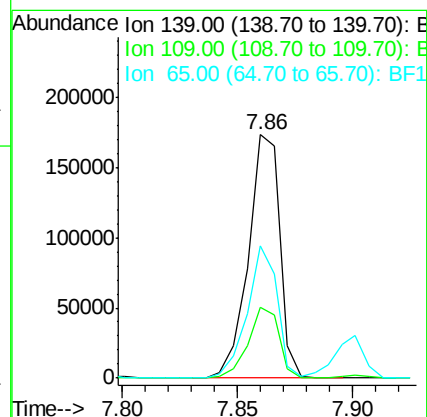
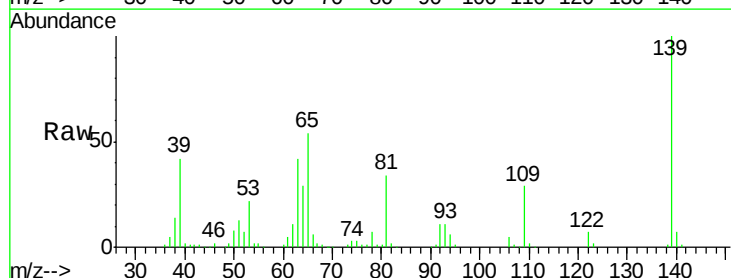
Tgt Ion: 139 Resp: 165561

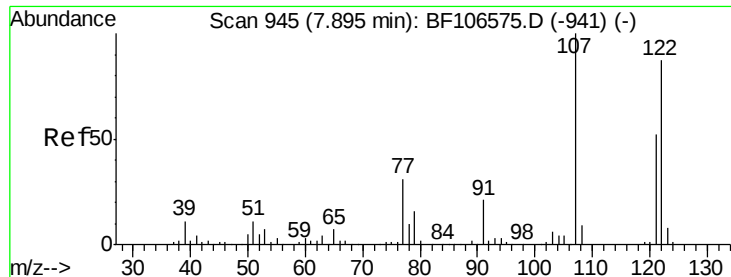
Ion Ratio Lower Upper

139 100

109 28.9 22.7 34.1

65 54.1 40.5 60.7

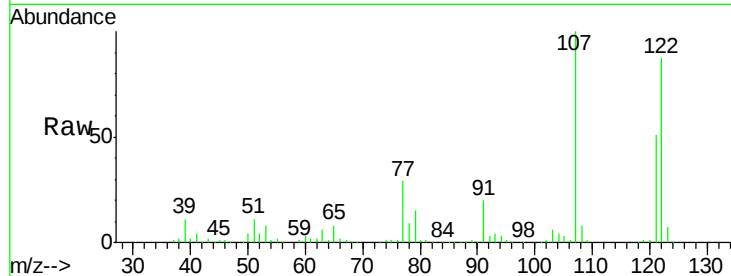




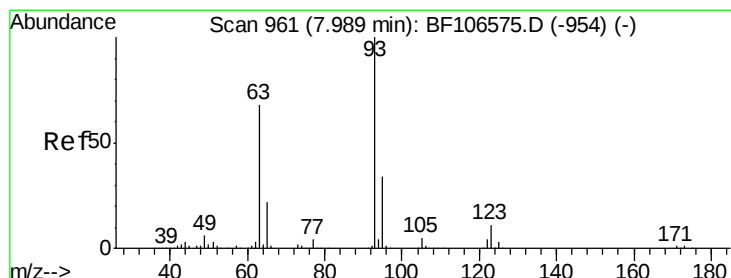
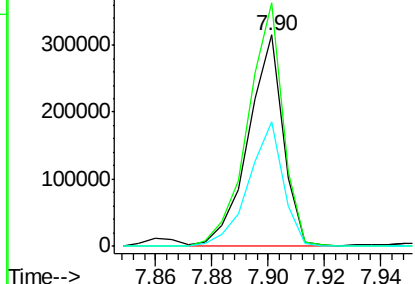
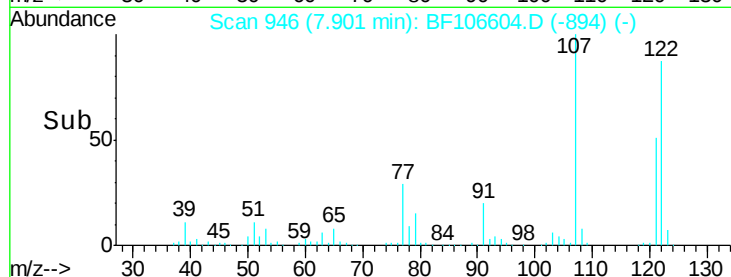
#27
 2,4-Dimethylphenol
 Concen: 52.620 ng
 RT: 7.90 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MS

Tgt Ion: 122 Resp: 271742
 Ion Ratio Lower Upper
 122 100
 107 115.3 91.2 136.8
 121 58.7 47.2 70.8

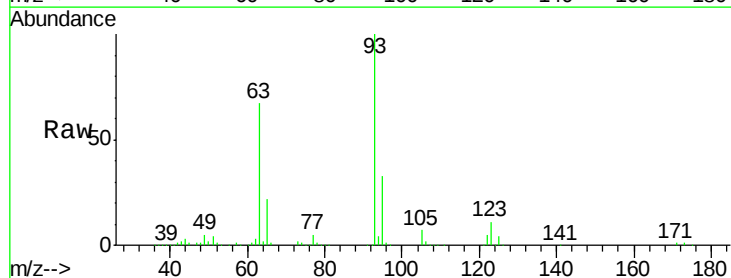


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

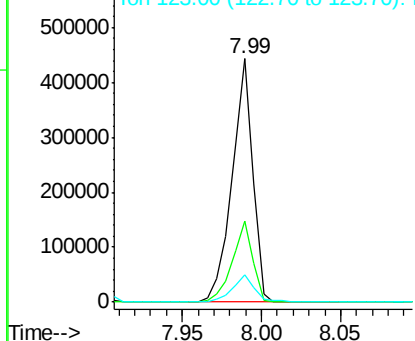
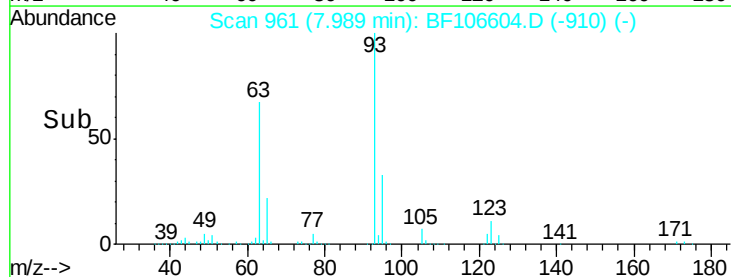


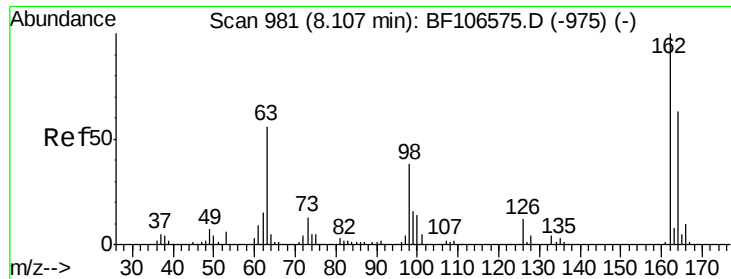
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.925 ng
 RT: 7.99 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Tgt Ion: 93 Resp: 401283
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.0 9.8 14.6



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

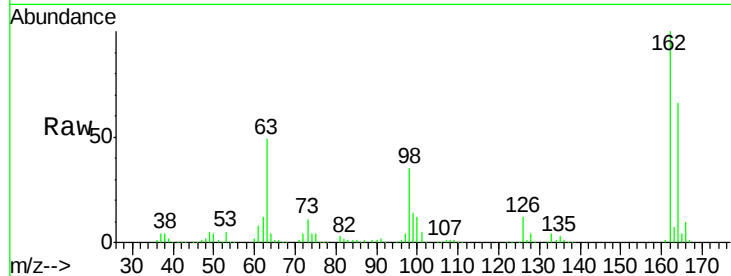




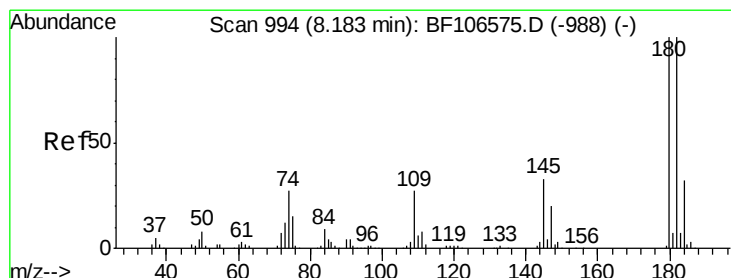
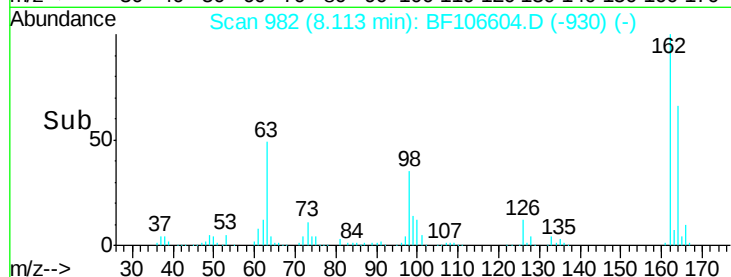
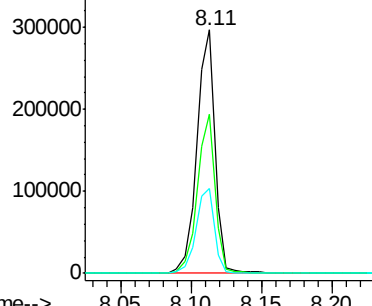
#29
2,4-Dichlorophenol
Concen: 49.097 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	42.7	82.7
98	34.8	18.1	58.1

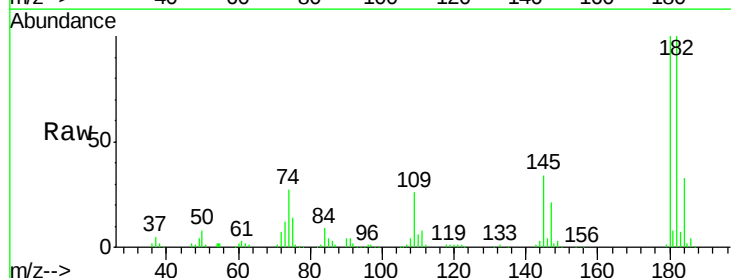


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

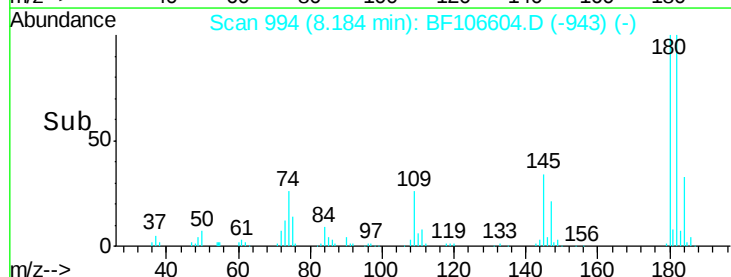
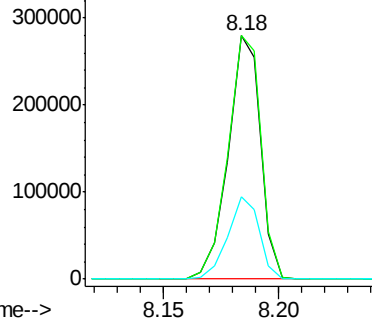


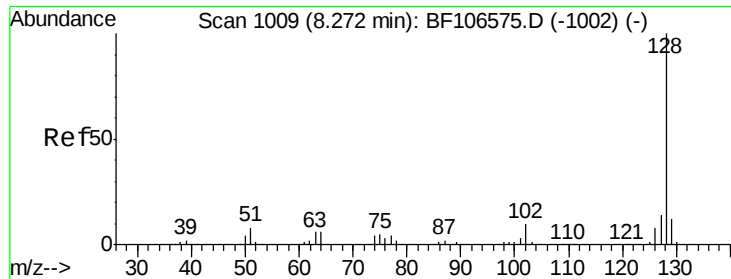
#30
1,2,4-Trichlorobenzene
Concen: 45.850 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	76.8	115.2
145	33.9	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

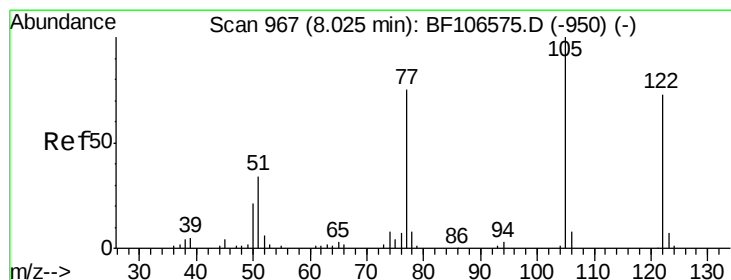
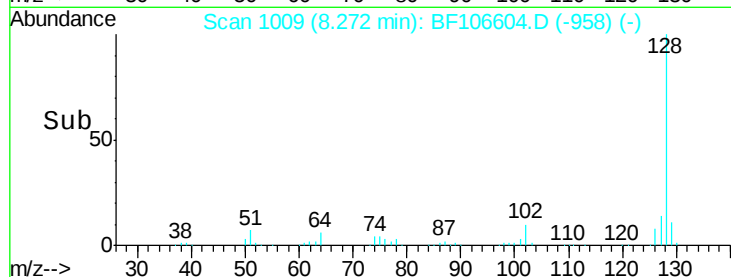
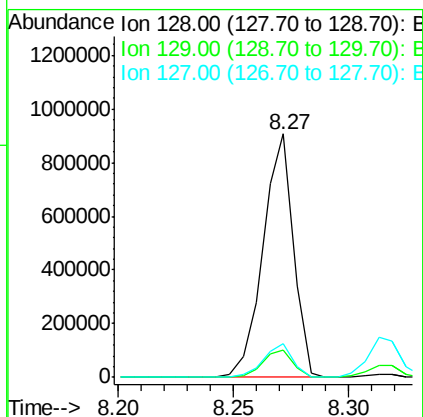
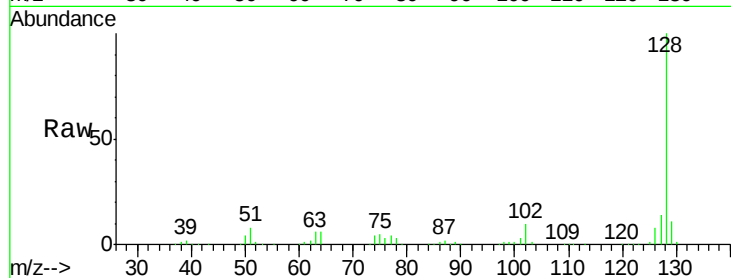




#31
Naphthalene
Concen: 46.191 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

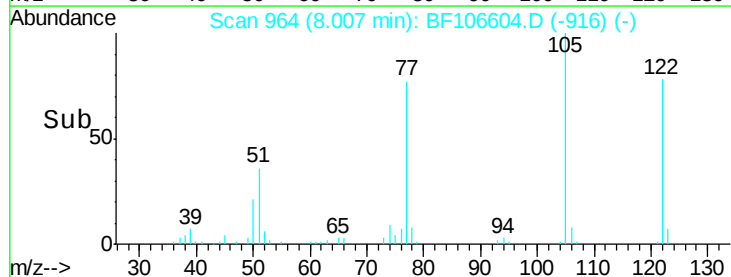
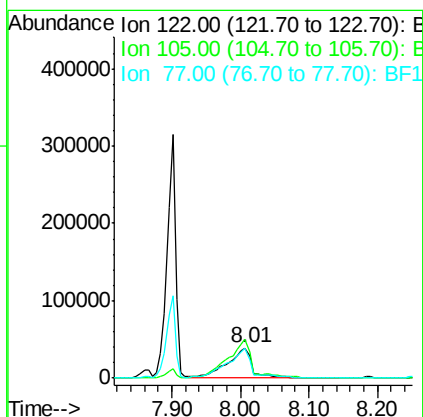
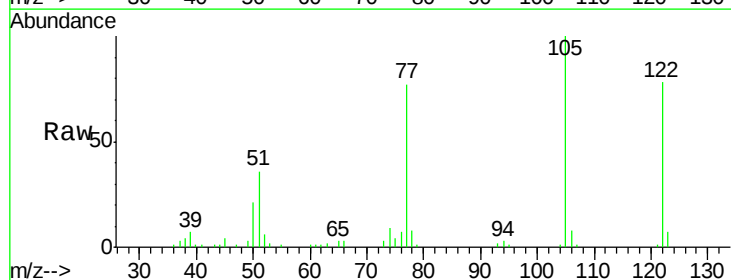
Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

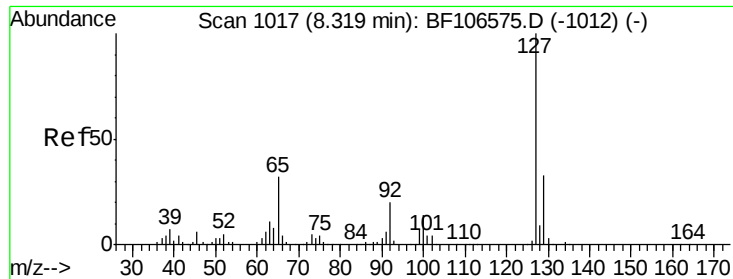
Tgt Ion:128 Resp: 831986
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 28.721 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion:122 Resp: 98070
Ion Ratio Lower Upper
122 100
105 127.4 101.1 141.1
77 98.5 70.7 110.7

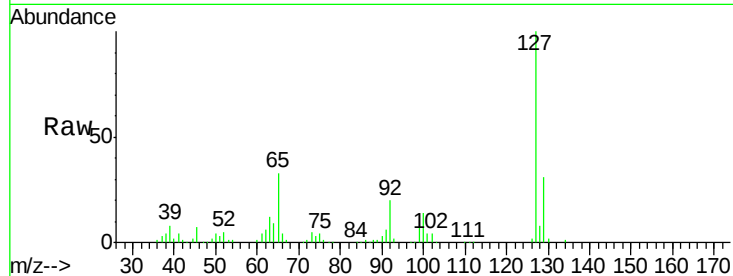




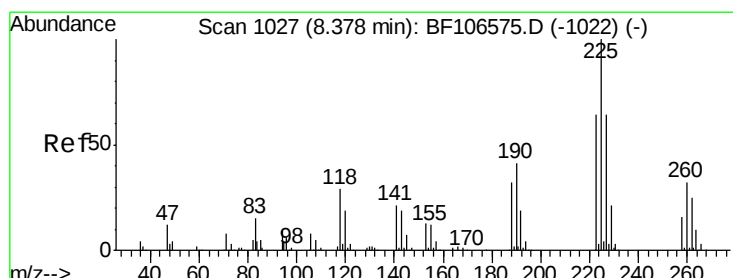
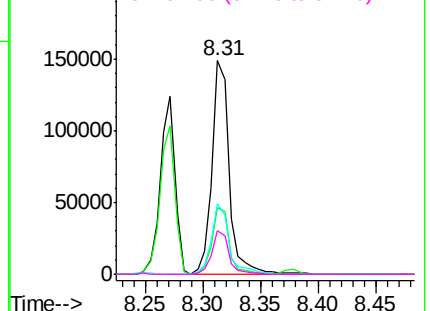
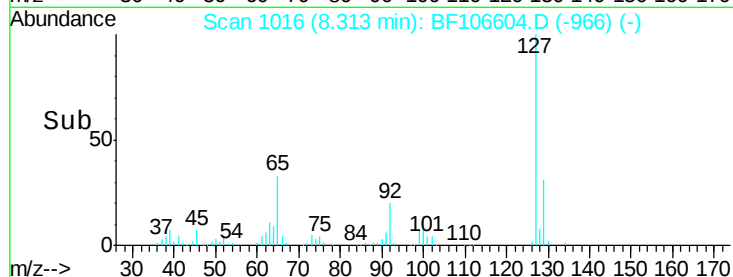
#33
4-Chloroaniline
Concen: 20.499 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

Tgt Ion:	127	Resp:	154929
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	32.8	25.0	37.4
92	20.4	15.2	22.8

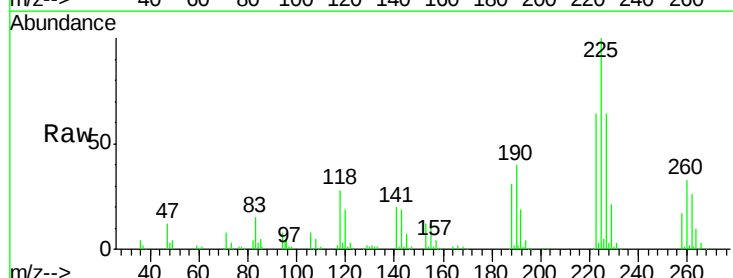


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

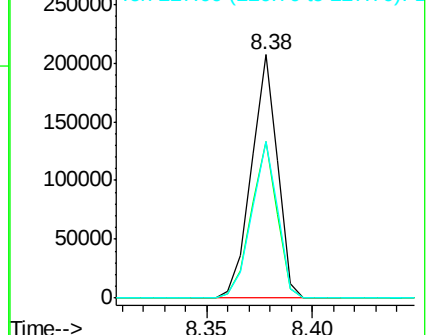
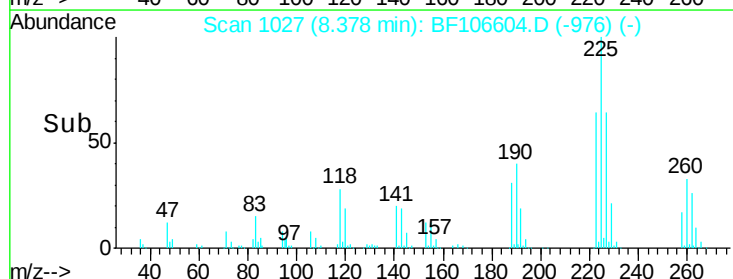


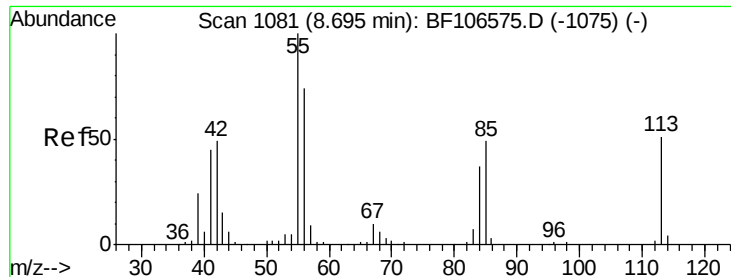
#34
Hexachlorobutadiene
Concen: 45.721 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion:	225	Resp:	177442
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	64.4	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

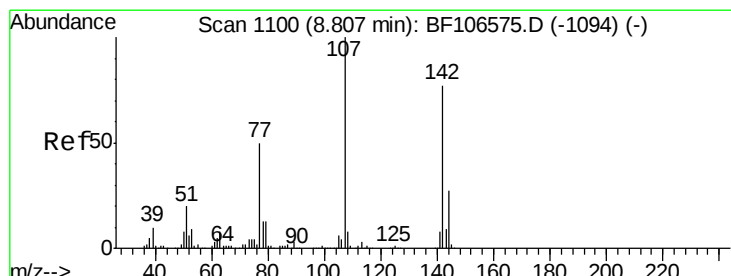
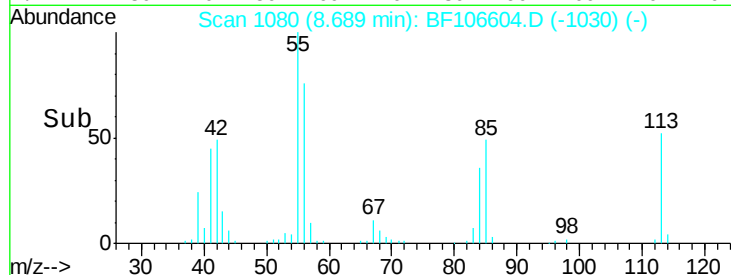
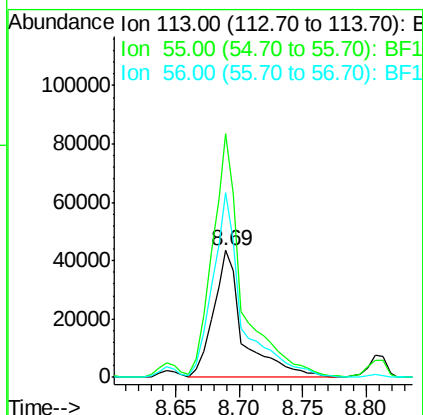
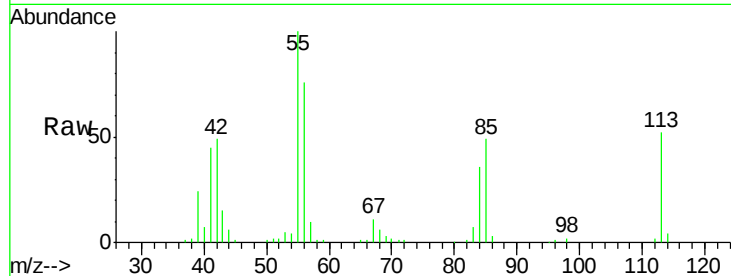




#35
 Caprolactam
 Concen: 40.812 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

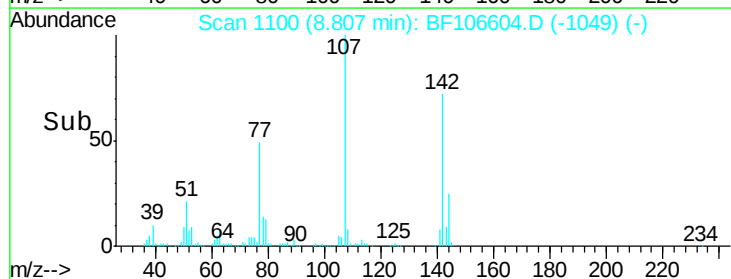
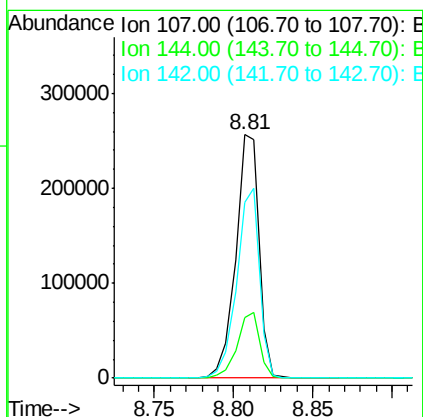
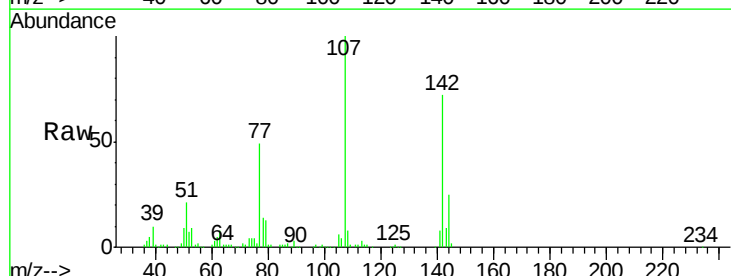
Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MS

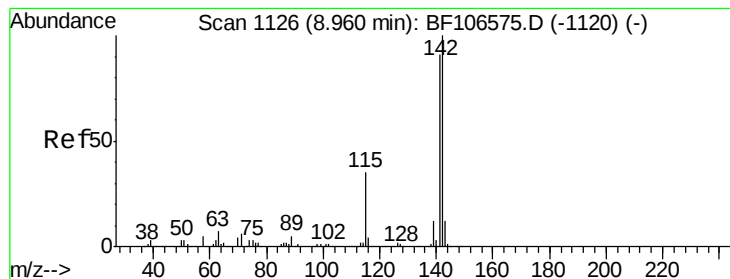
Tgt Ion:113 Resp: 71927
 Ion Ratio Lower Upper
 113 100
 55 192.0 163.3 203.3
 56 145.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.956 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Tgt Ion:107 Resp: 261527
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 72.2 62.0 93.0





#37

2-Methylnaphthalene

Concen: 44.866 ng

RT: 8.96 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

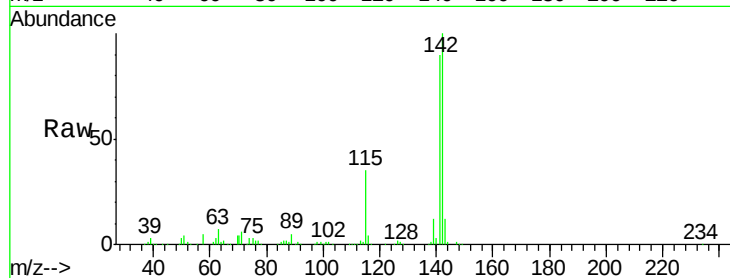
Tgt Ion:142 Resp: 535643

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

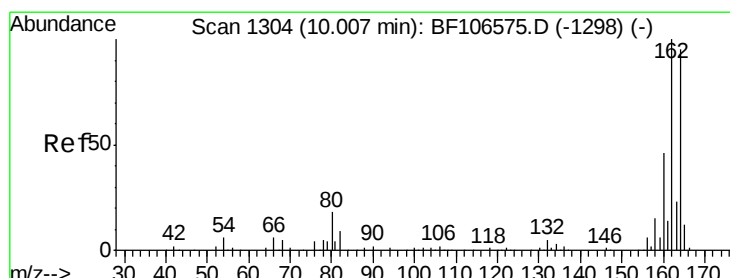
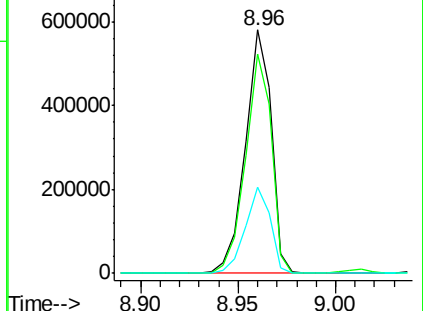
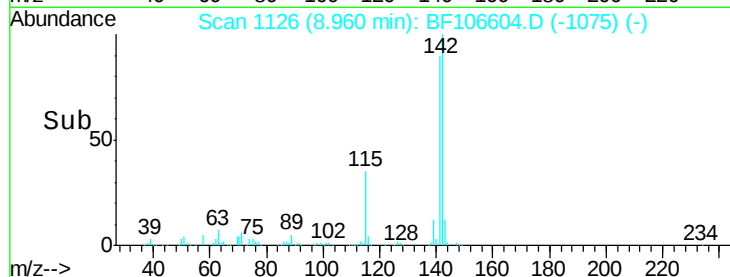
115 35.2 26.1 39.1



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: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

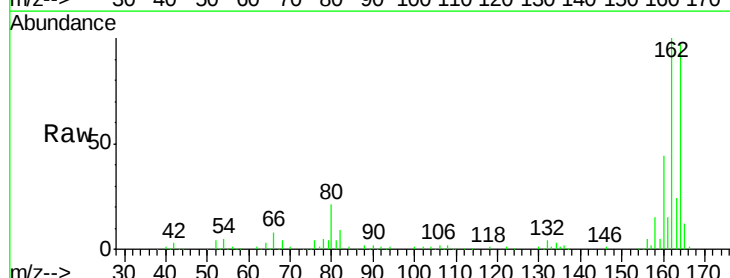
Tgt Ion:164 Resp: 153768

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

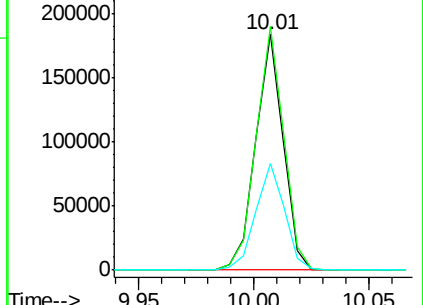
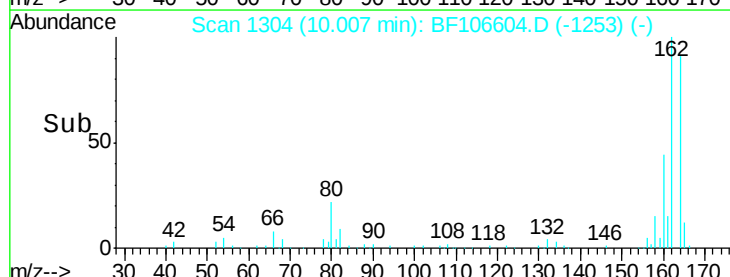
160 45.4 38.3 57.5

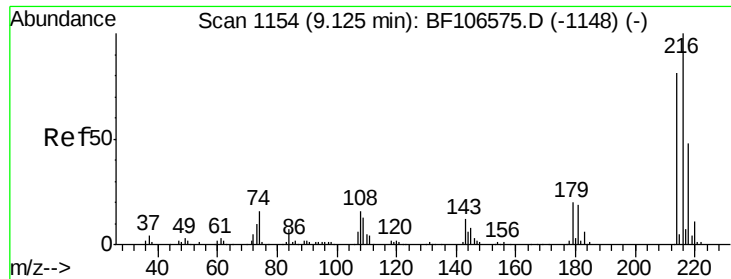


Abundance Ion 164.00 (163.70 to 164.70): E

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: 52.583 ng

RT: 9.12 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

Tgt Ion:216 Resp: 272297

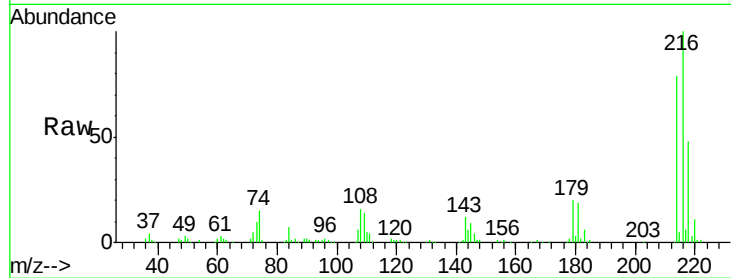
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 19.8 18.1 27.1

108 16.2 17.2 25.8#

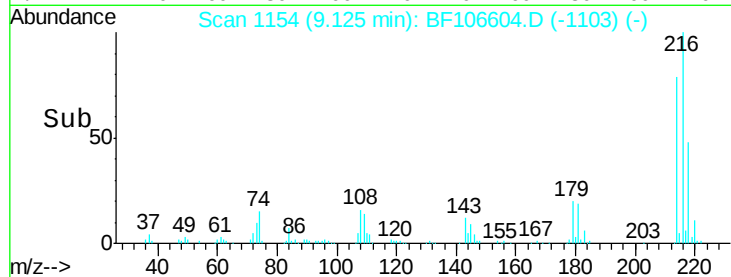


Abundance Ion 216.00 (215.70 to 216.70): E

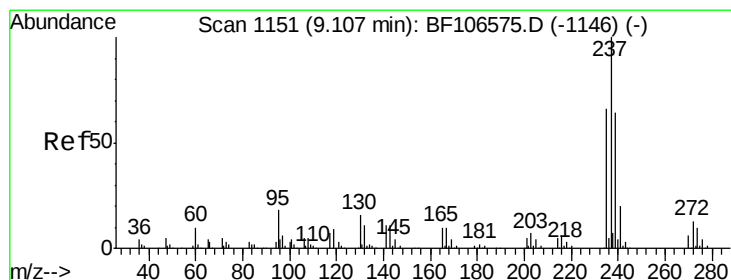
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 22.552 ng

RT: 9.11 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

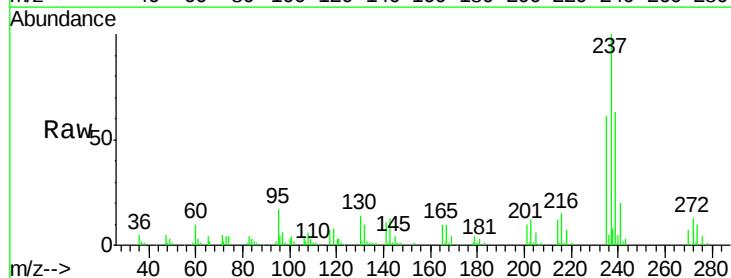
Tgt Ion:237 Resp: 60085

Ion Ratio Lower Upper

237 100

235 60.8 44.8 84.8

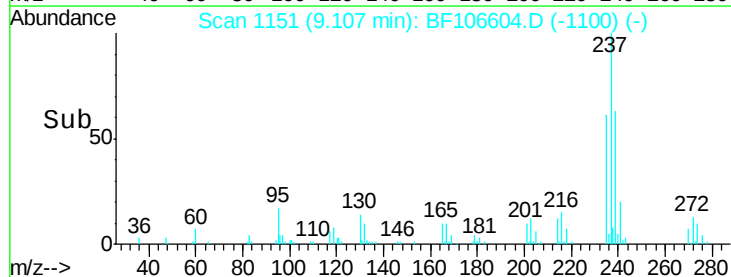
272 12.7 0.0 33.3



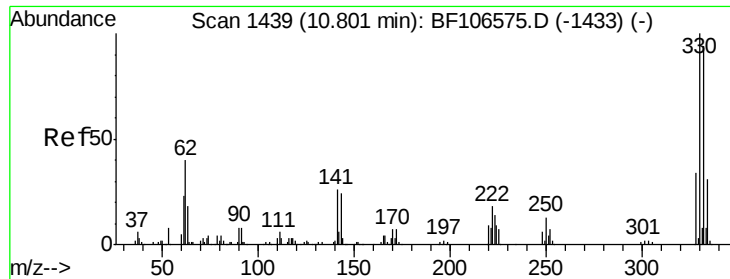
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



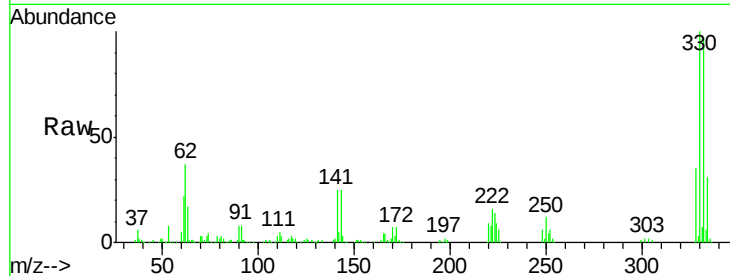
Time-->



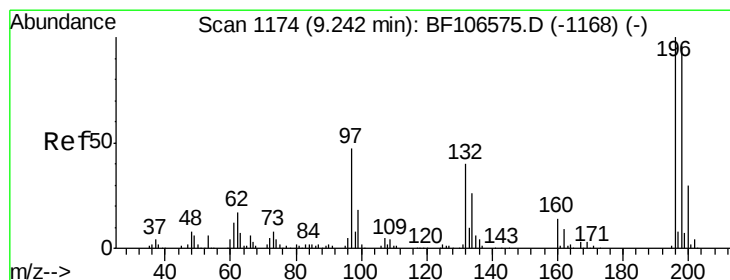
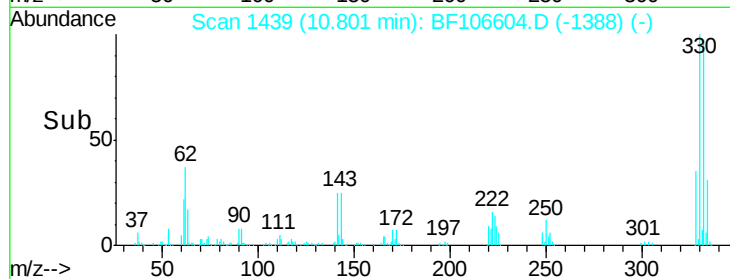
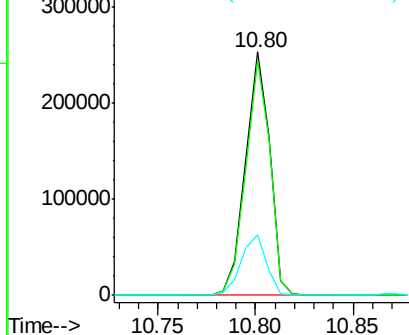
#41
 2,4,6-Tribromophenol
 Concen: 123.231 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MS

Tgt Ion:330 Resp: 219624
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 26.1 29.9 44.9#

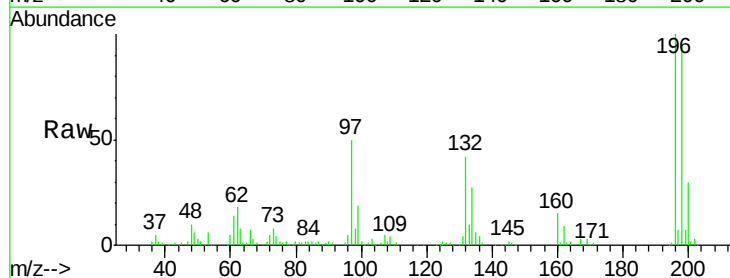


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

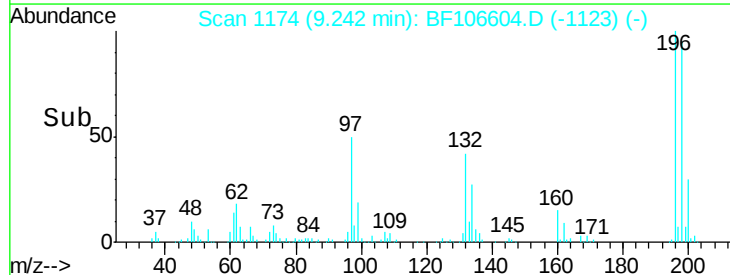
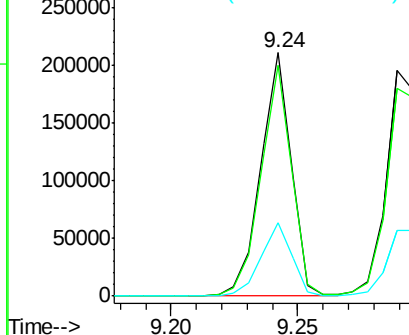


#42
 2,4,6-Trichlorophenol
 Concen: 51.665 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Tgt Ion:196 Resp: 177842
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 30.3 24.5 36.7



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

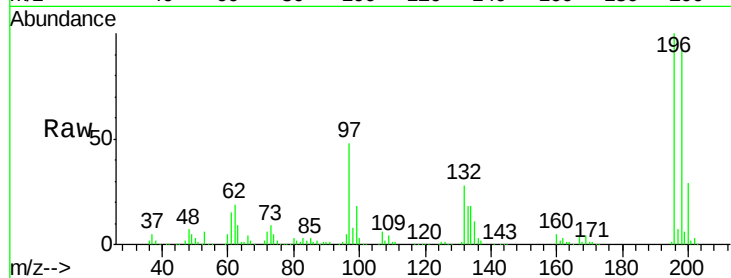




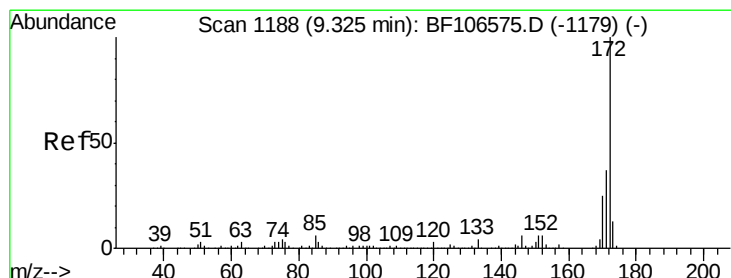
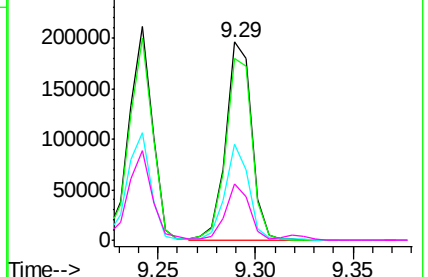
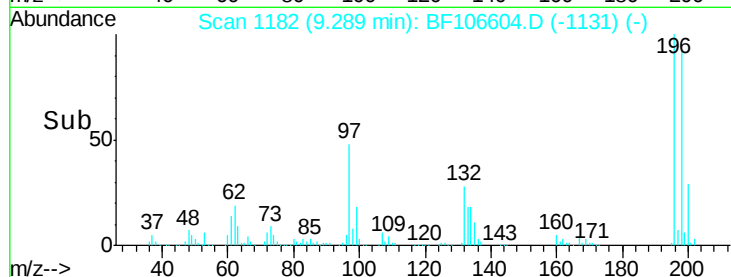
#43
 2,4,5-Trichlorophenol
 Concen: 50.179 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MS

Tgt Ion:196 Resp: 180234
 Ion Ratio Lower Upper
 196 100
 198 92.0 74.6 112.0
 97 48.3 42.9 64.3
 132 28.3 26.3 39.5

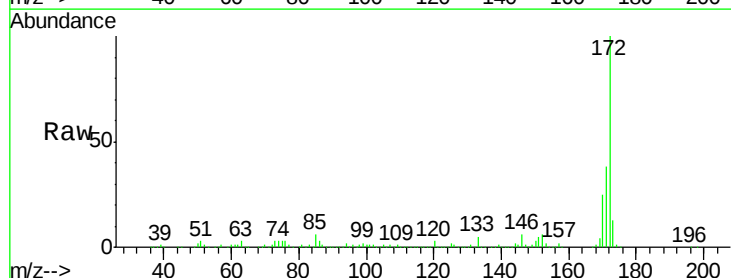


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

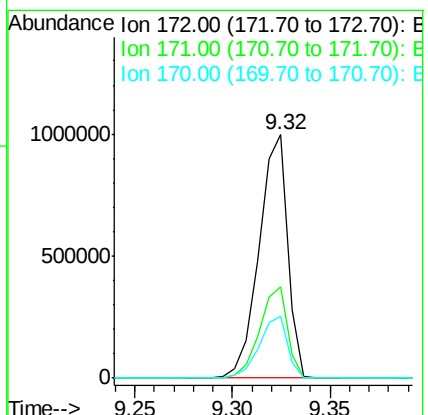
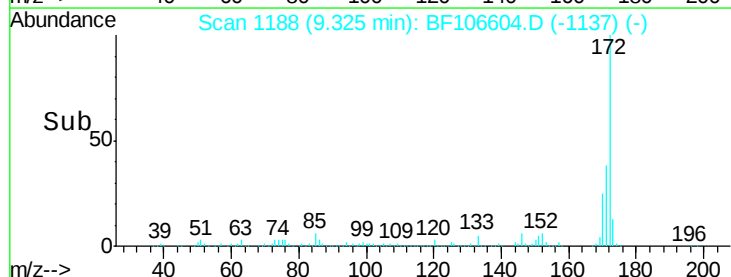


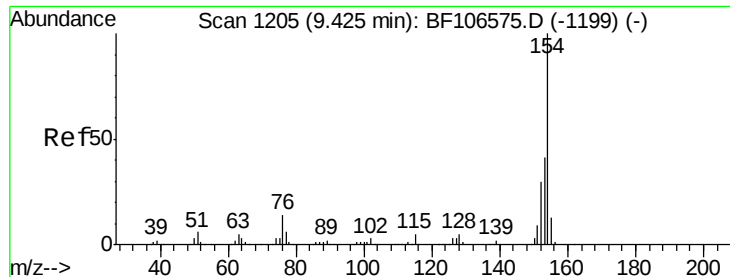
#44
 2-Fluorobiphenyl
 Concen: 116.632 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Tgt Ion:172 Resp: 1009686
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.7 44.5
 170 25.3 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: 49.983 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

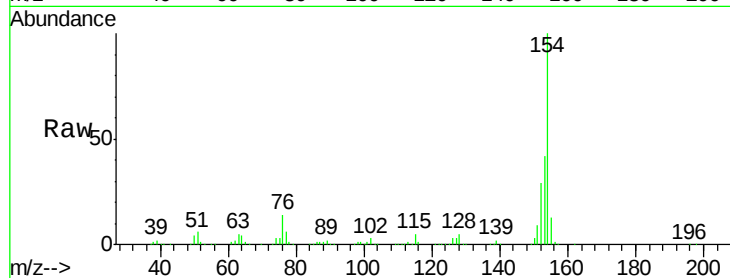
Tgt Ion:154 Resp: 612515

Ion Ratio Lower Upper

154 100

153 41.8 21.3 61.3

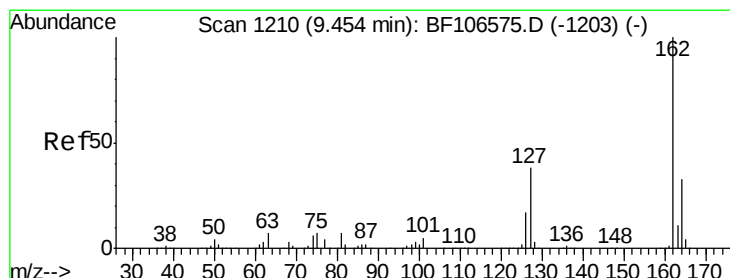
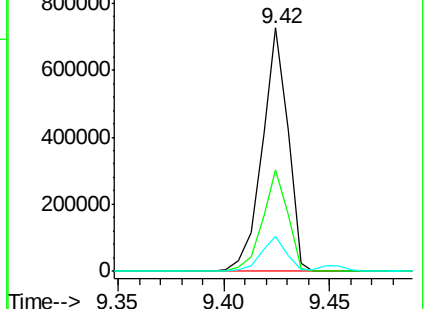
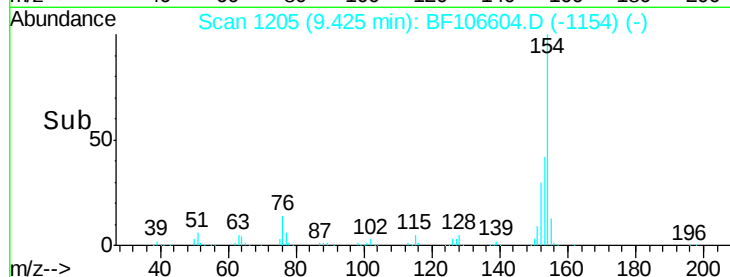
76 14.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 49.580 ng

RT: 9.45 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

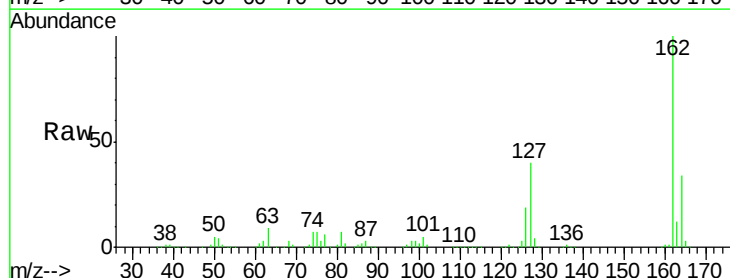
Tgt Ion:162 Resp: 478257

Ion Ratio Lower Upper

162 100

127 40.5 33.9 50.9

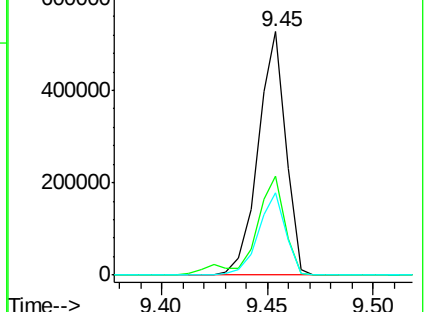
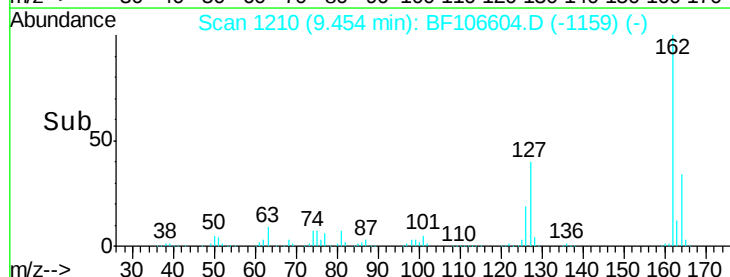
164 33.6 26.5 39.7

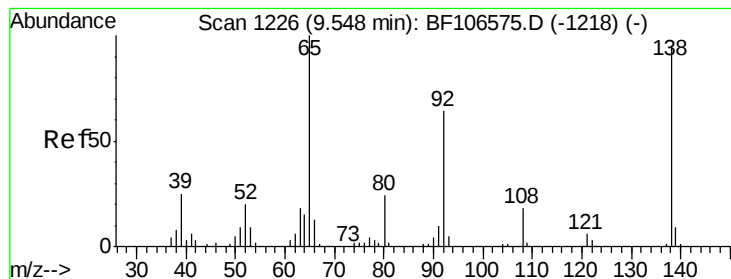


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.788 ng

RT: 9.55 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

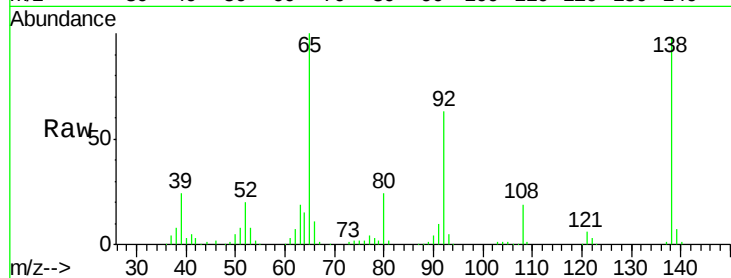
Tgt Ion: 65 Resp: 161497

Ion Ratio Lower Upper

65 100

92 63.5 55.8 83.6

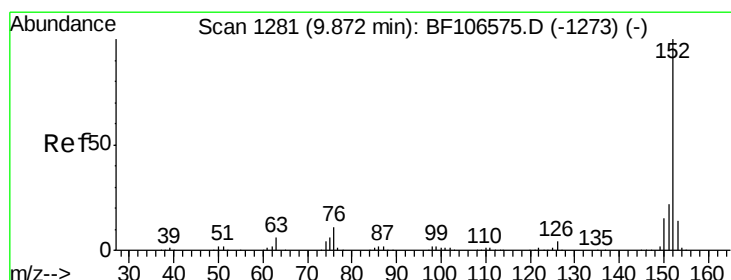
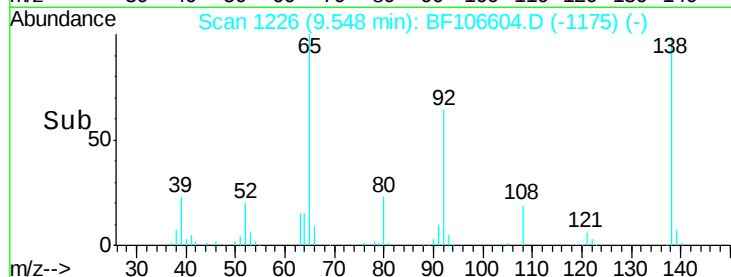
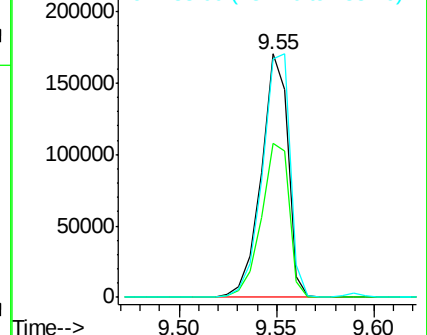
138 97.9 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 47.084 ng

RT: 9.87 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

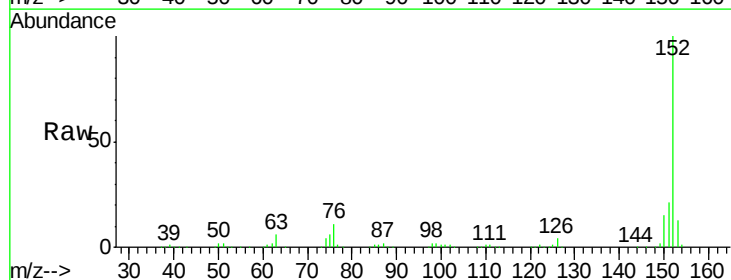
Tgt Ion: 152 Resp: 717046

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

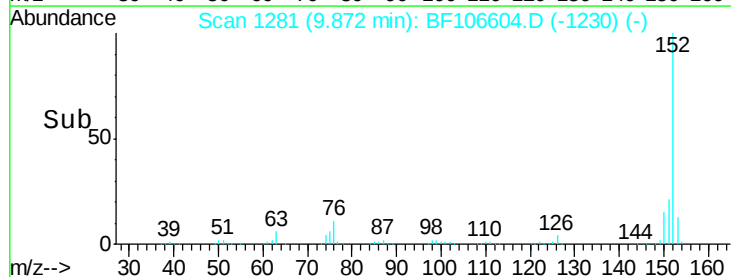
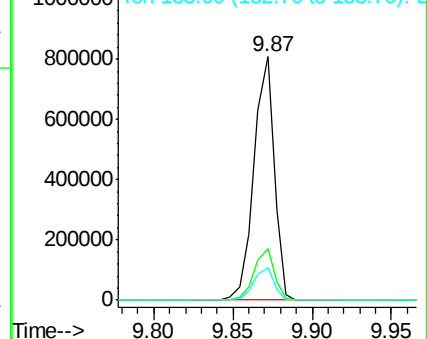
153 13.3 10.7 16.1

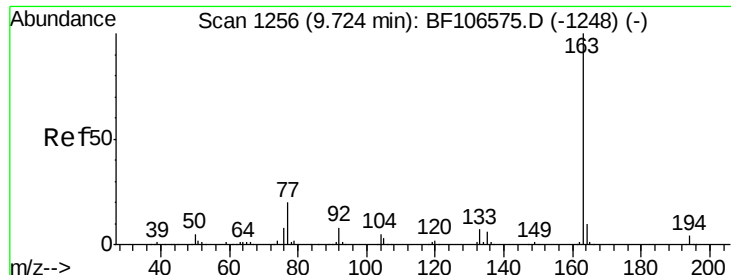


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

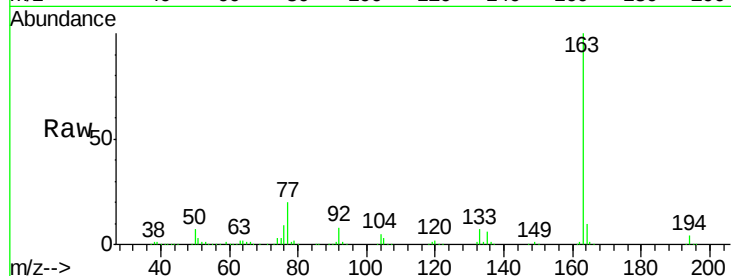




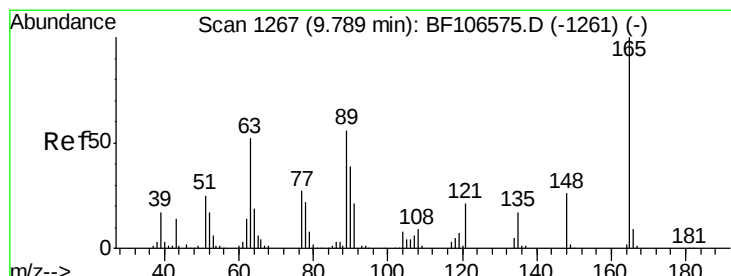
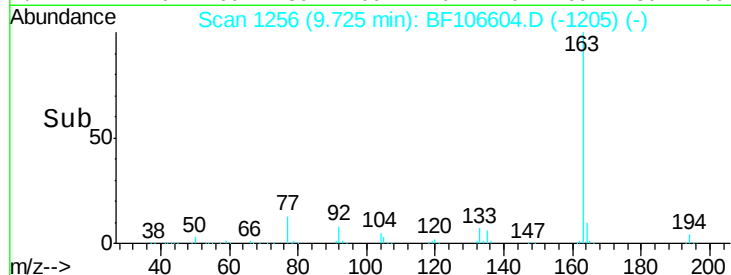
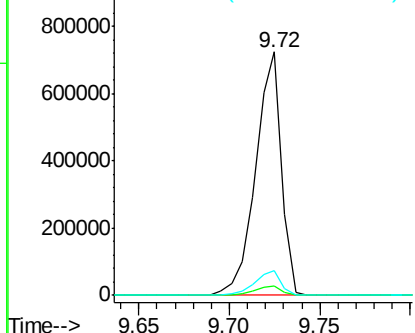
#49
Dimethylphthalate
Concen: 61.706 ng
RT: 9.72 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

Tgt Ion:163 Resp: 711639
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.2 8.2 12.2

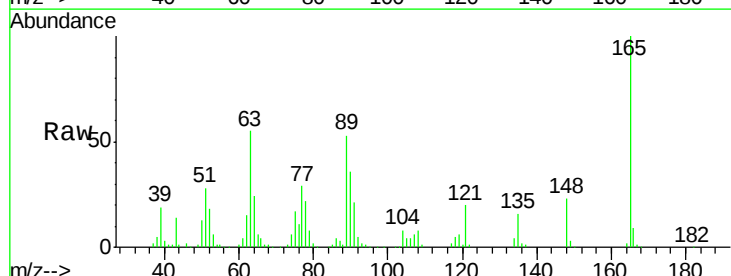


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

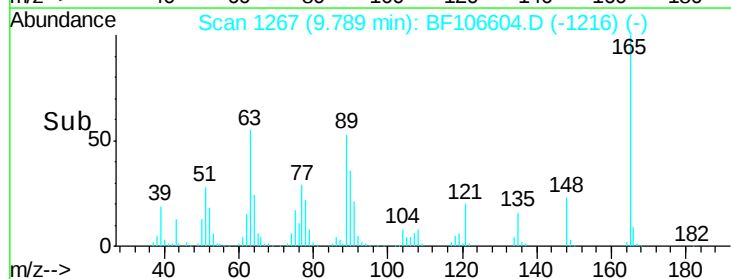
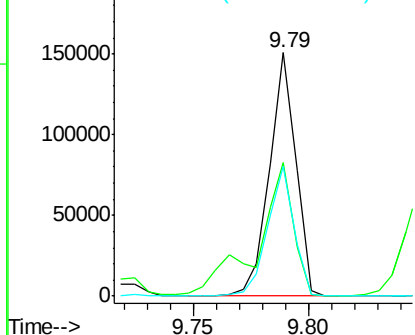


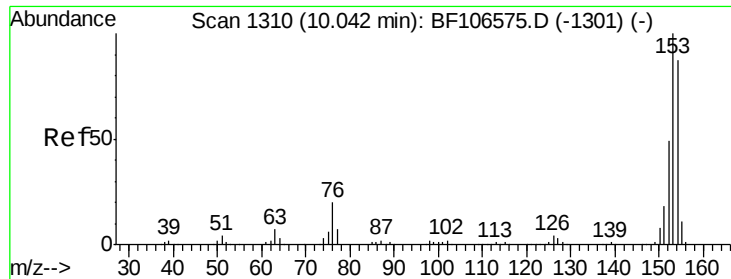
#50
2,6-Dinitrotoluene
Concen: 49.129 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion:165 Resp: 119978
Ion Ratio Lower Upper
165 100
63 54.8 44.7 67.1
89 53.5 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: 41.780 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

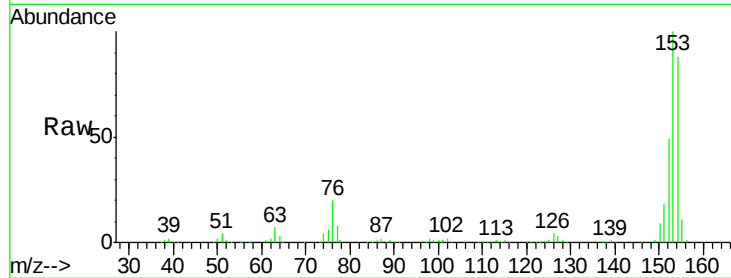
Tgt Ion:154 Resp: 400675

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

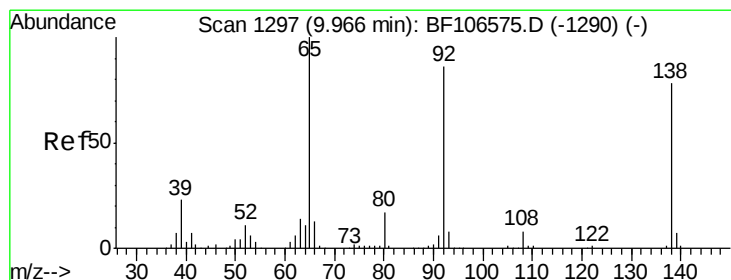
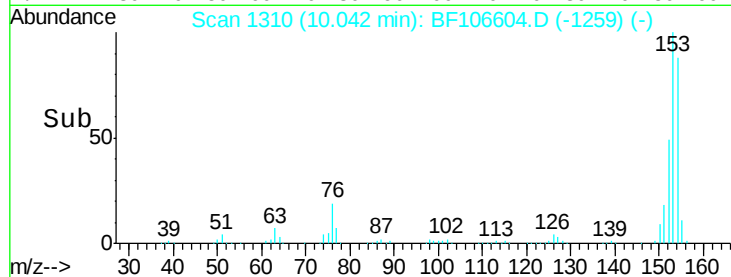
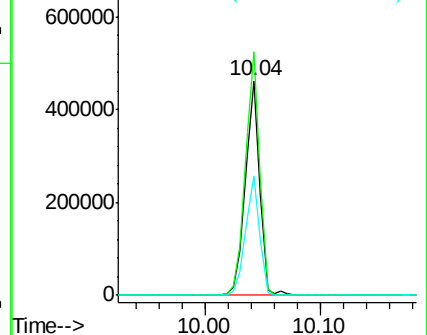
152 55.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.758 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

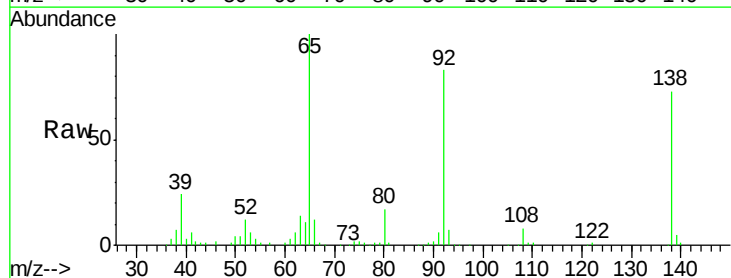
Tgt Ion:138 Resp: 103297

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

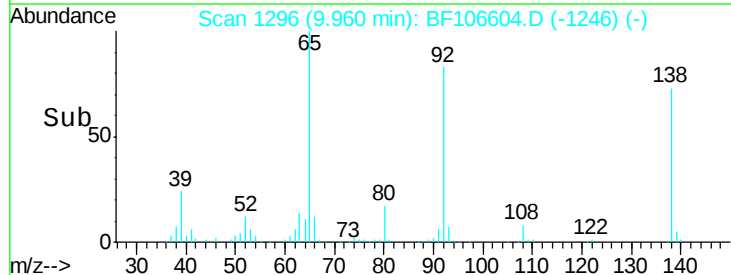
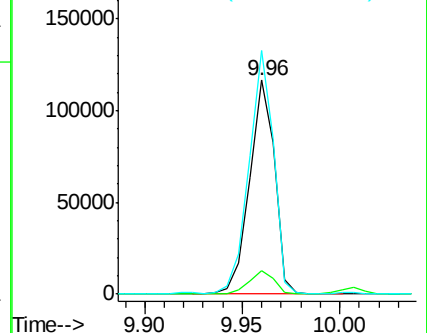
92 113.9 89.4 134.2

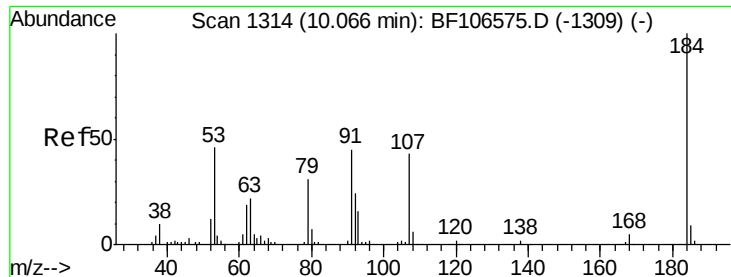


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

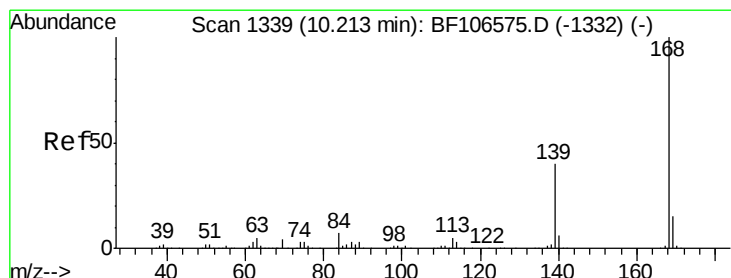
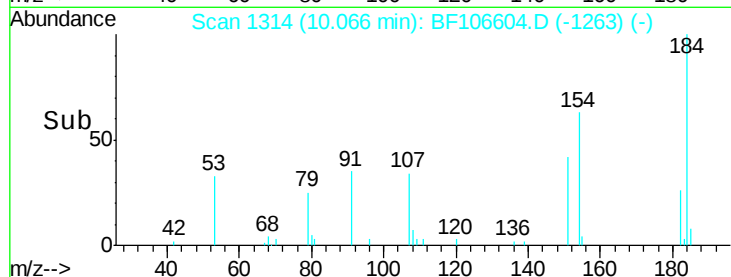
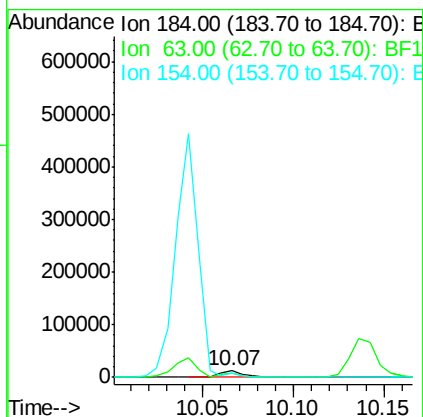
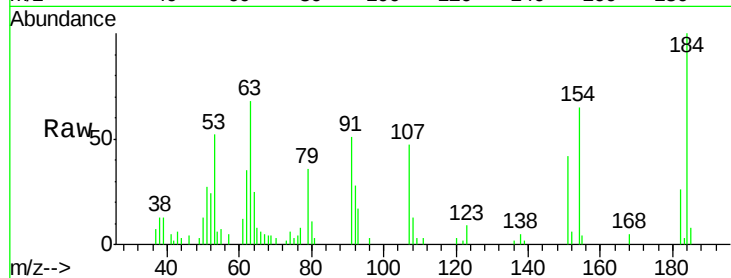




#53
2,4-Dinitrophenol
Concen: 14.027 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

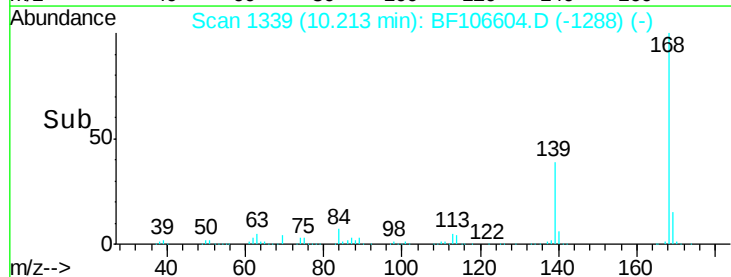
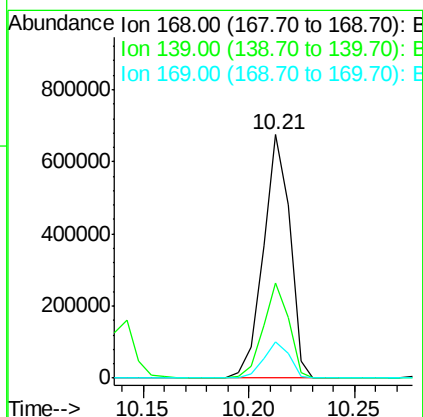
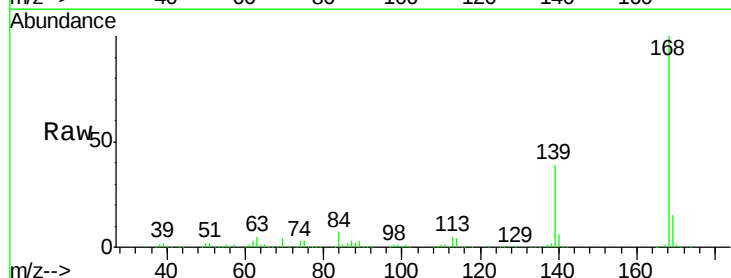
Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

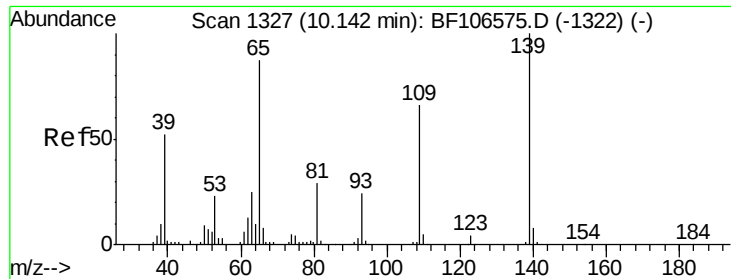
Tgt Ion:184 Resp: 11803
Ion Ratio Lower Upper
184 100
63 68.2 54.2 81.2
154 65.0 184.0 276.0#



#54
Dibenzofuran
Concen: 44.940 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion:168 Resp: 590143
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 15.1 10.9 16.3

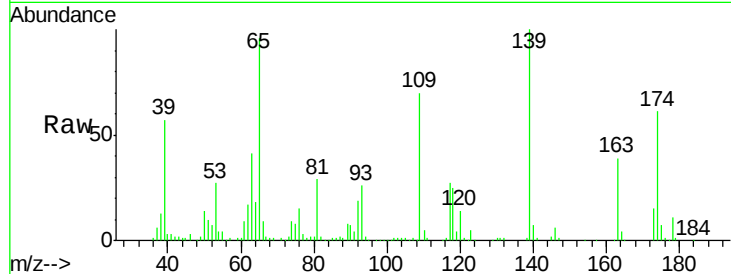




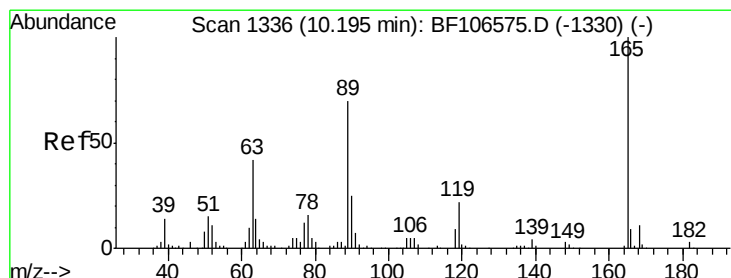
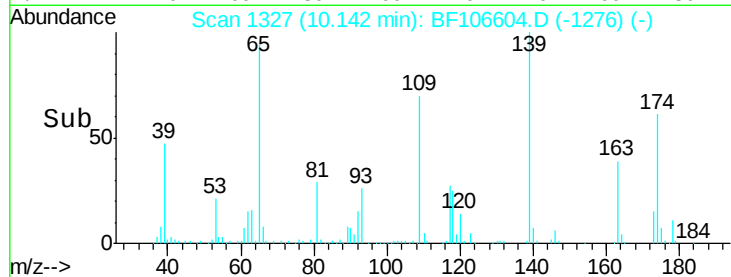
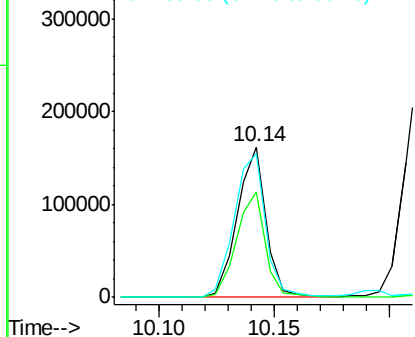
#55
4-Nitrophenol
Concen: 72.210 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

Tgt Ion:139 Resp: 141644
Ion Ratio Lower Upper
139 100
109 70.2 48.4 88.4
65 95.5 72.6 112.6

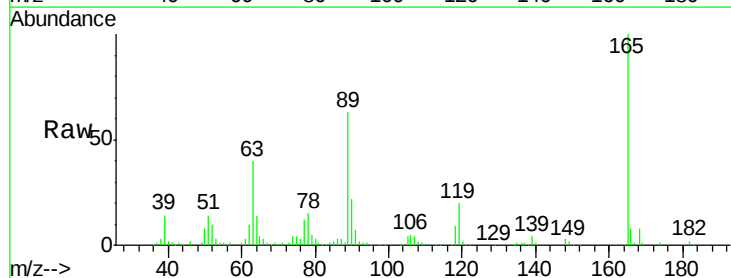


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

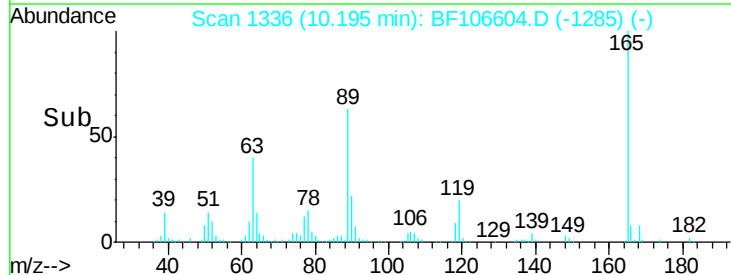
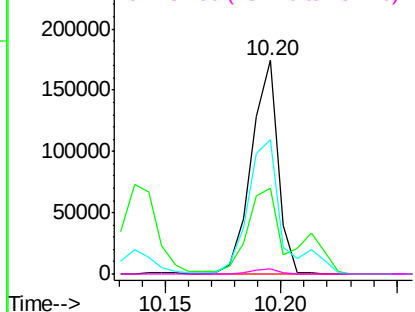


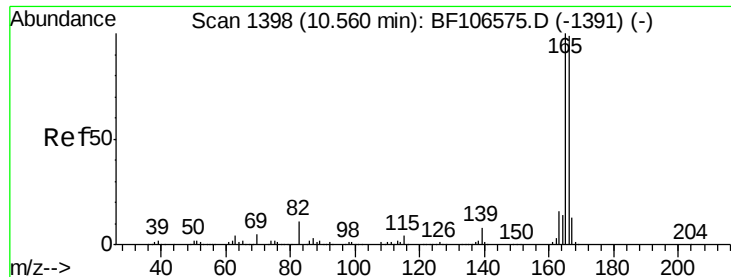
#56
2,4-Dinitrotoluene
Concen: 44.159 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion:165 Resp: 140762
Ion Ratio Lower Upper
165 100
63 40.1 36.4 54.6
89 63.1 57.8 86.6
182 2.5 1.6 2.4#



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

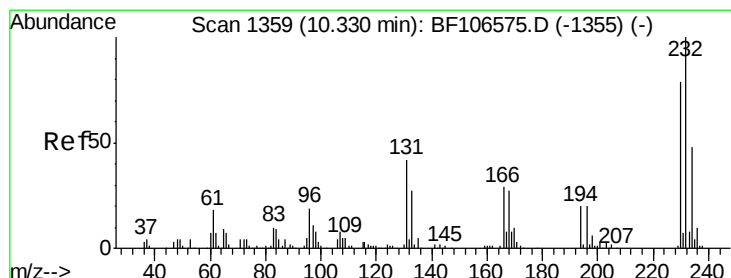
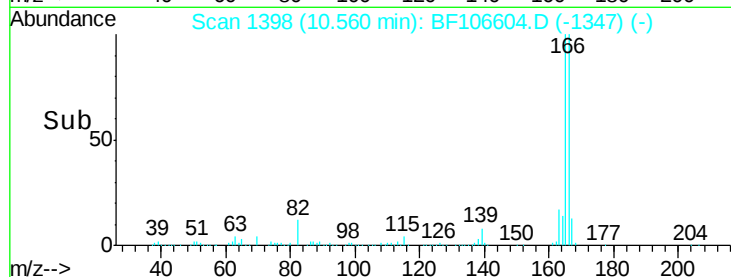
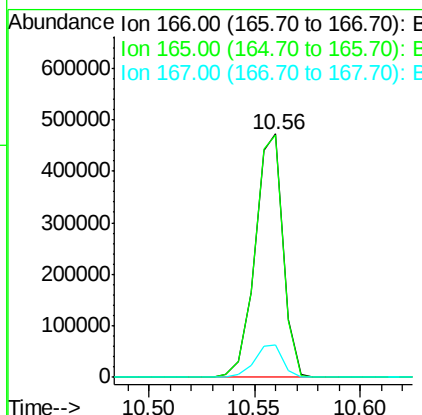
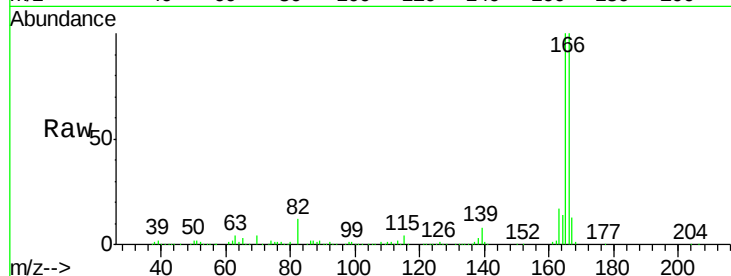




#57
 Fluorene
 Concen: 41.670 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

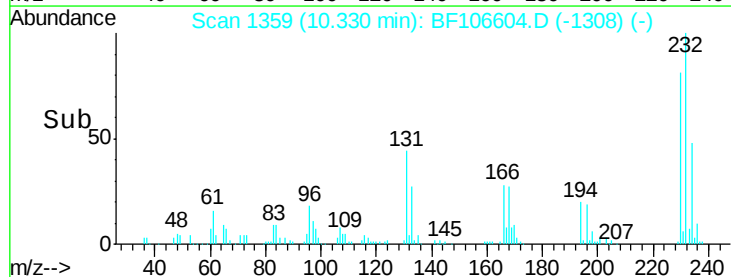
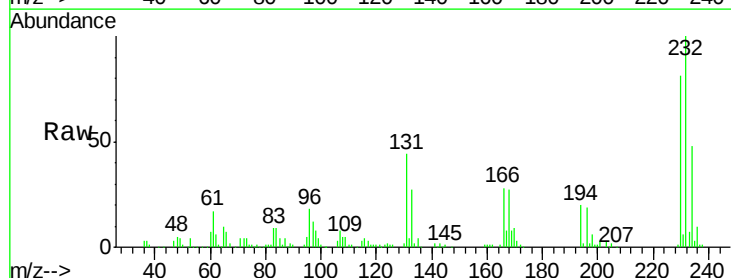
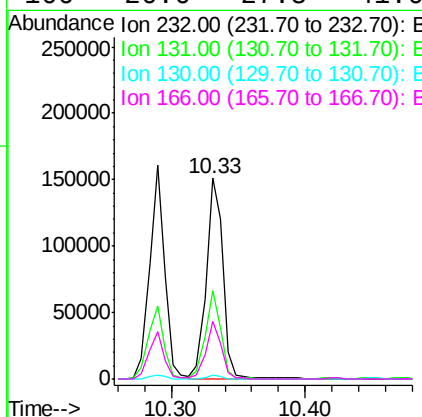
Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MS

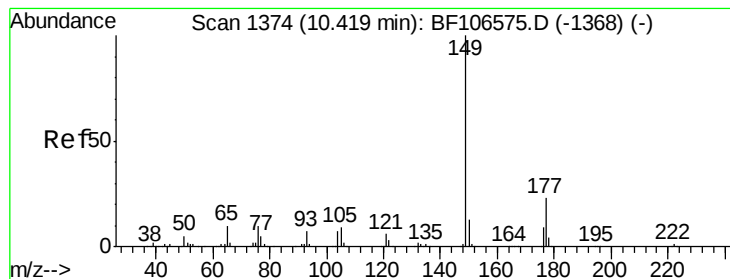
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.665 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.6	43.8	65.8#
130	1.9	2.1	3.1#
166	26.6	27.8	41.6#





#59

Diethylphthalate

Concen: 46.750 ng

RT: 10.42 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

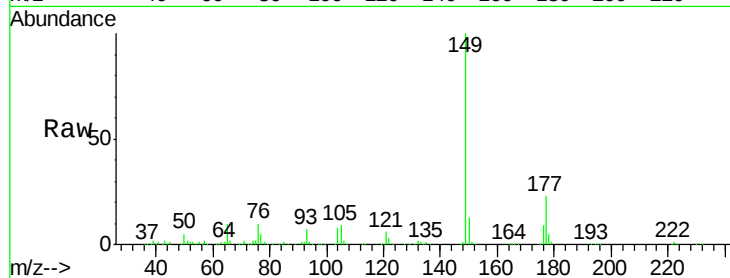
Tgt Ion:149 Resp: 520382

Ion Ratio Lower Upper

149 100

177 23.3 16.1 24.1

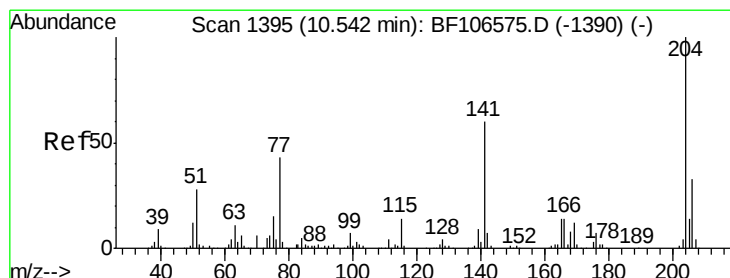
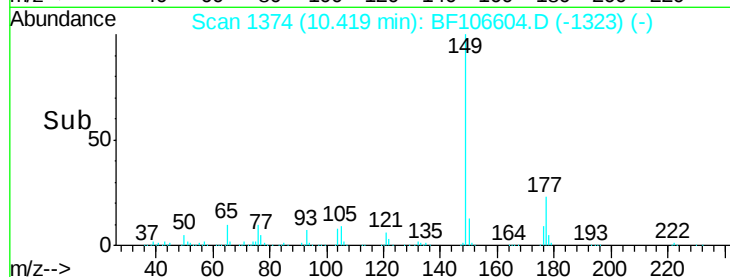
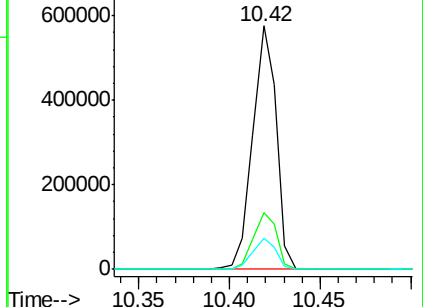
150 13.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.927 ng

RT: 10.54 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

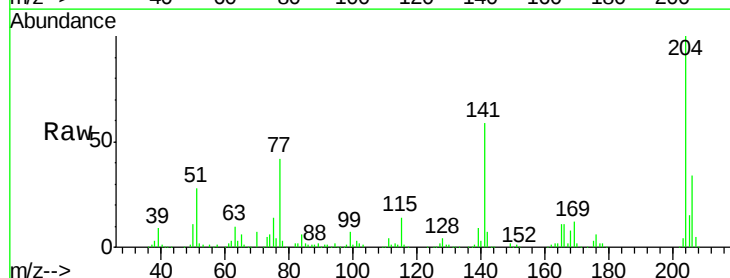
Tgt Ion:204 Resp: 239504

Ion Ratio Lower Upper

204 100

206 33.5 26.5 39.7

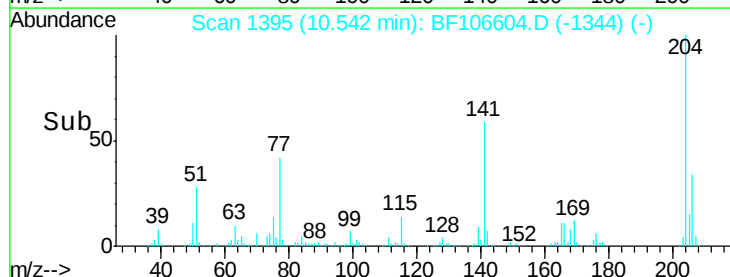
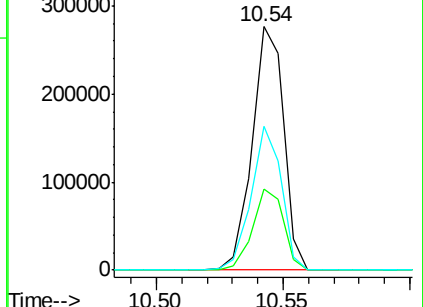
141 58.9 54.6 81.8

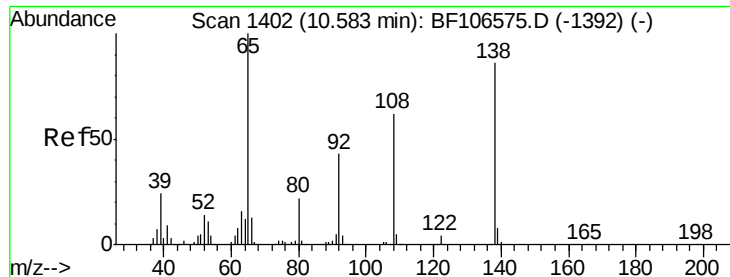


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

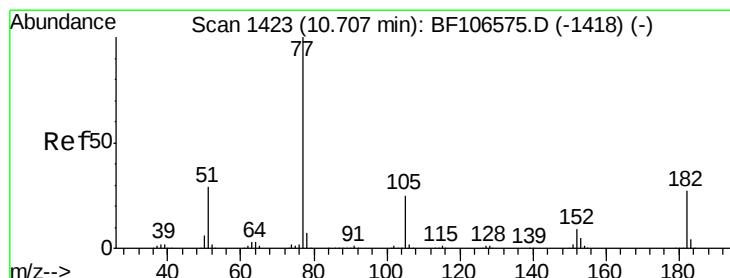
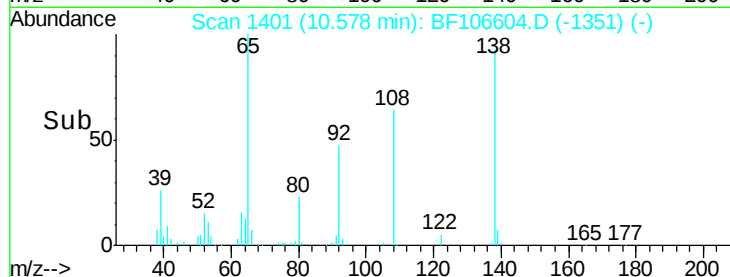
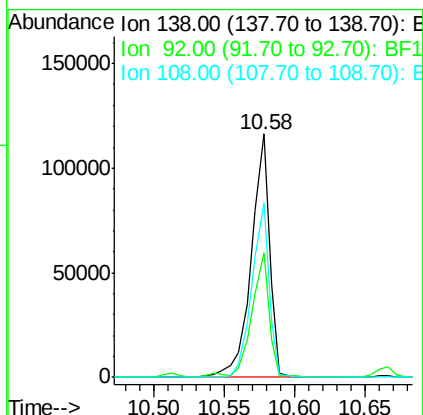
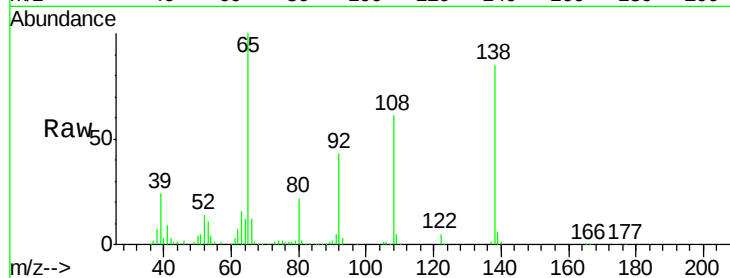




#61
4-Nitroaniline
Concen: 38.170 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

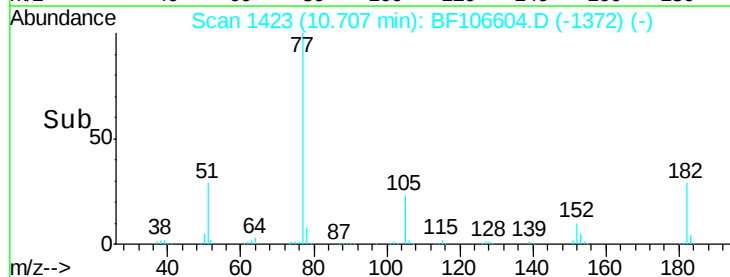
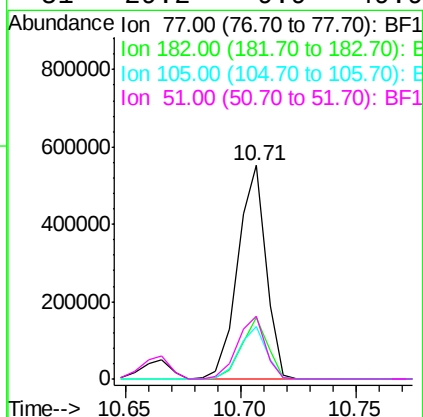
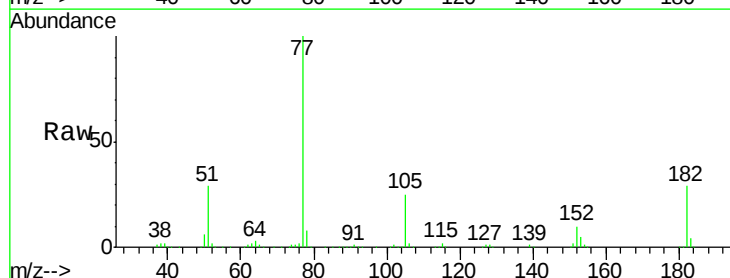
Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

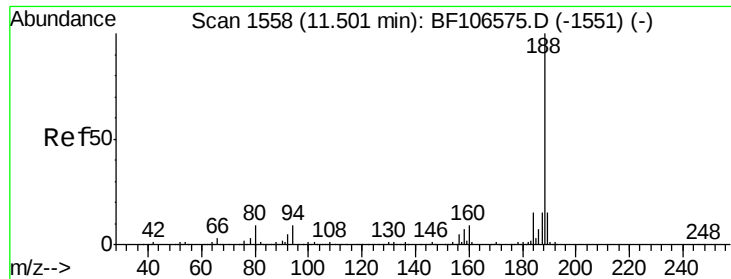
Tgt Ion:138 Resp: 106454
Ion Ratio Lower Upper
138 100
92 51.0 30.2 70.2
108 71.8 52.5 92.5



#62
Azobenzene
Concen: 42.861 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion: 77 Resp: 469810
Ion Ratio Lower Upper
77 100
182 28.8 1.7 41.7
105 24.7 3.0 43.0
51 29.2 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

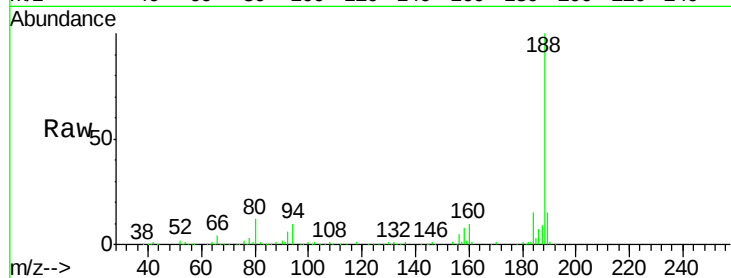
Tgt Ion:188 Resp: 234372

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

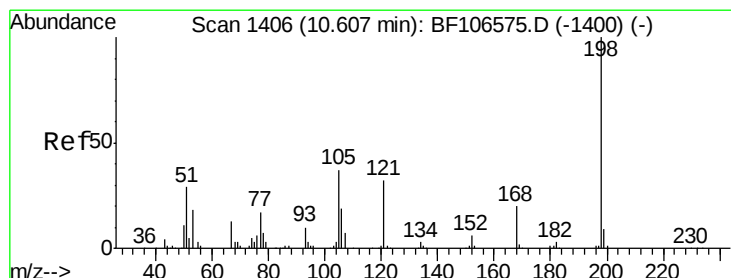
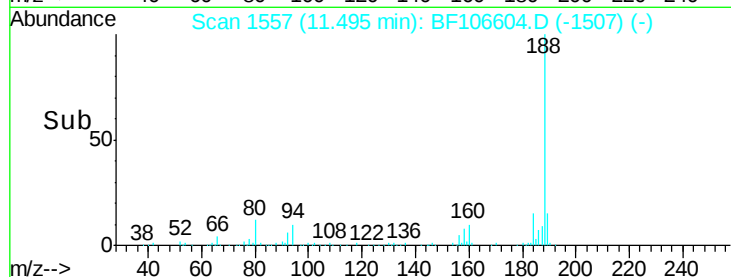
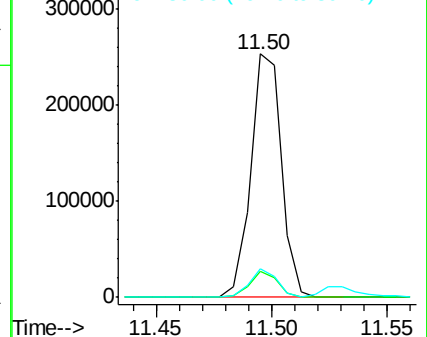
80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 10.331 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

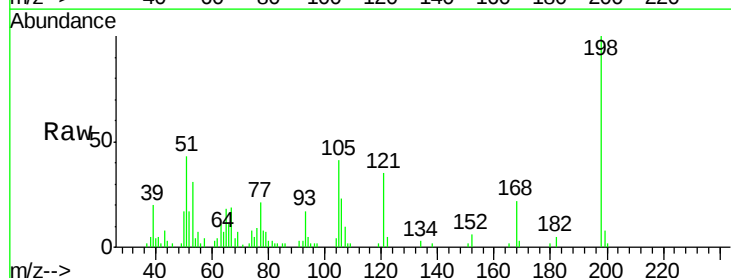
Tgt Ion:198 Resp: 14967

Ion Ratio Lower Upper

198 100

51 43.5 37.7 77.7

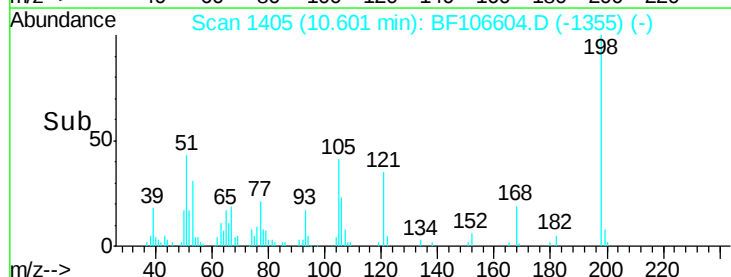
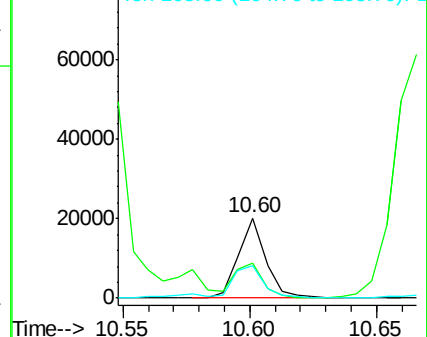
105 40.9 36.3 76.3

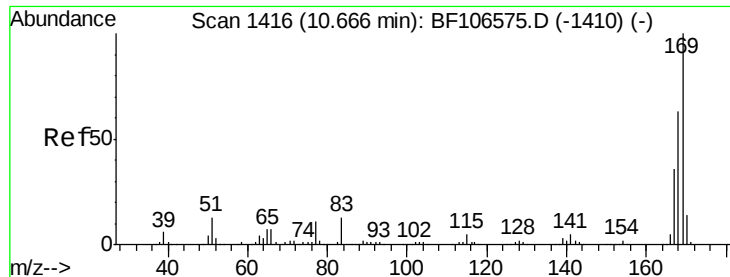


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

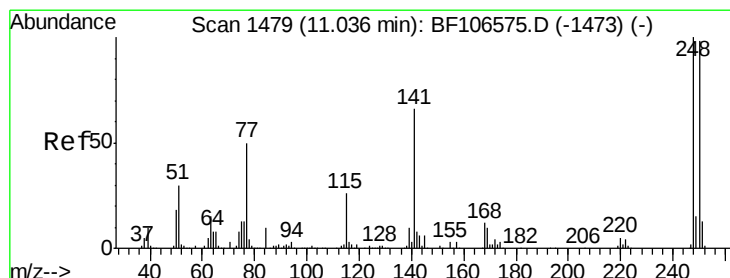
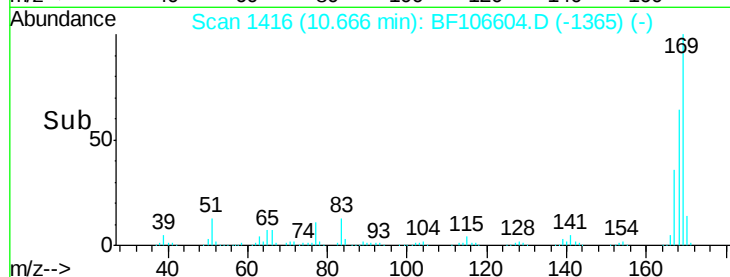
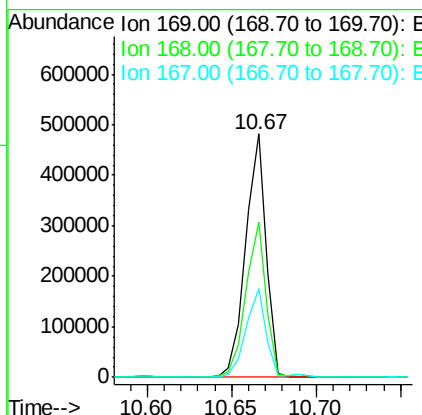
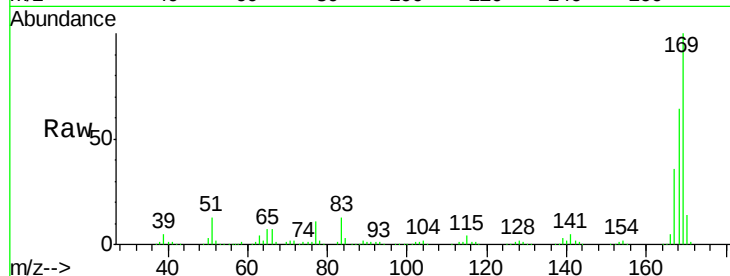




#65
 n-Nitrosodiphenylamine
 Concen: 51.941 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

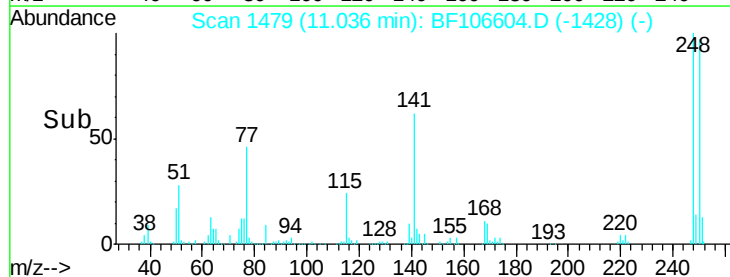
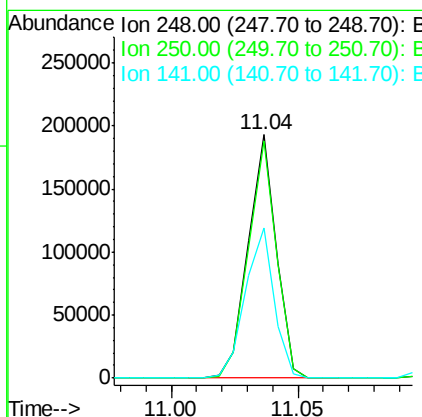
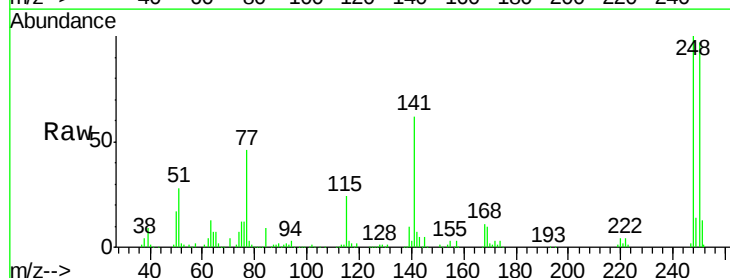
Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MS

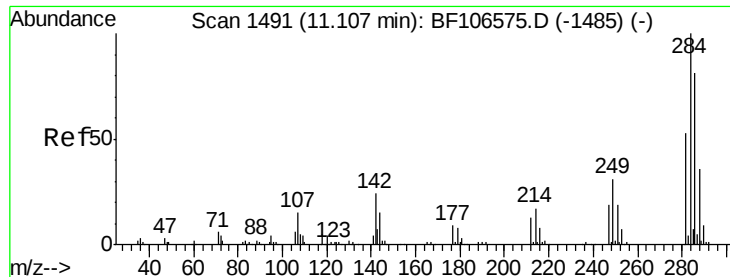
Tgt Ion:169 Resp: 409464
 Ion Ratio Lower Upper
 169 100
 168 63.7 54.4 81.6
 167 36.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 53.418 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Tgt Ion:248 Resp: 149416
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 61.8 74.4 111.6#

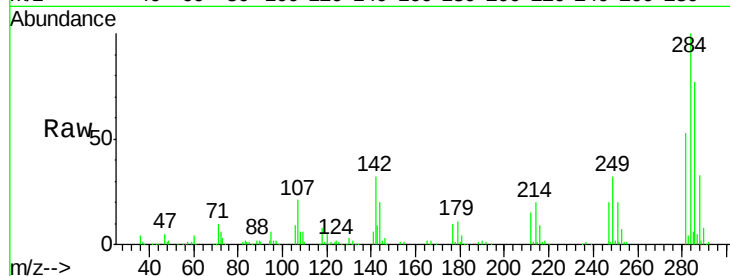




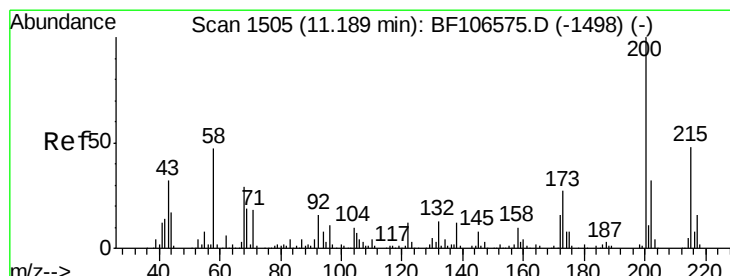
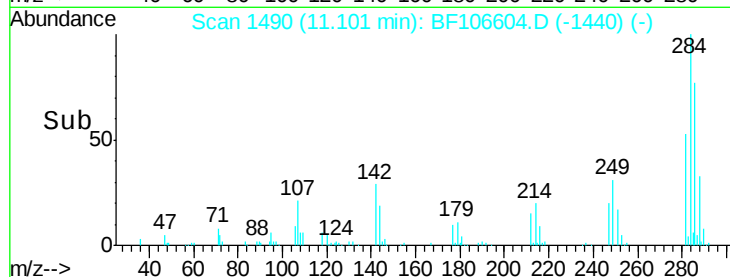
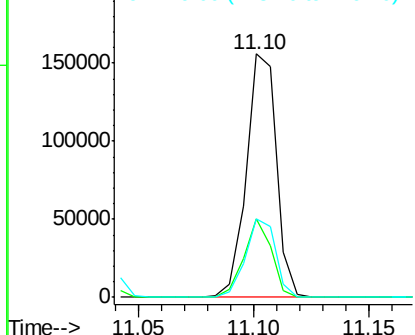
#67
Hexachlorobenzene
Concen: 48.545 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

Tgt Ion: 284 Resp: 142118
Ion Ratio Lower Upper
284 100
142 32.0 34.6 52.0#
249 32.3 24.8 37.2

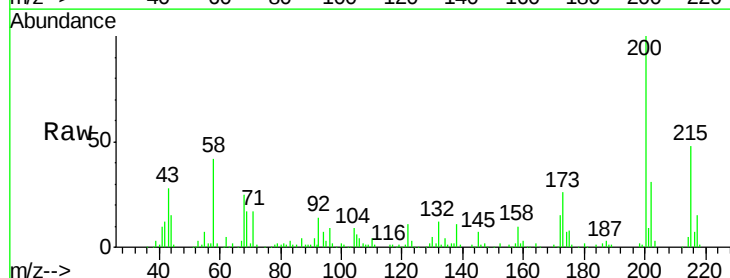


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

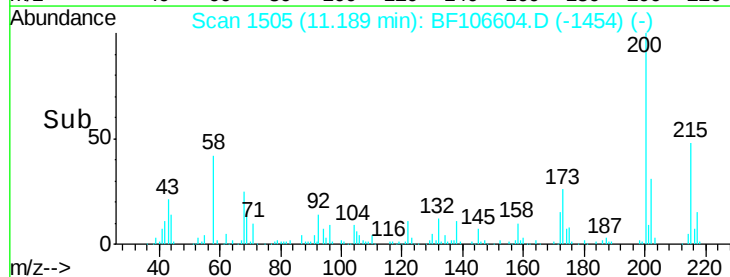
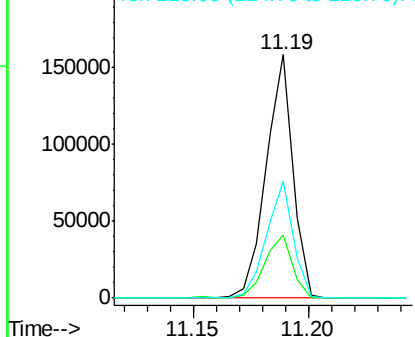


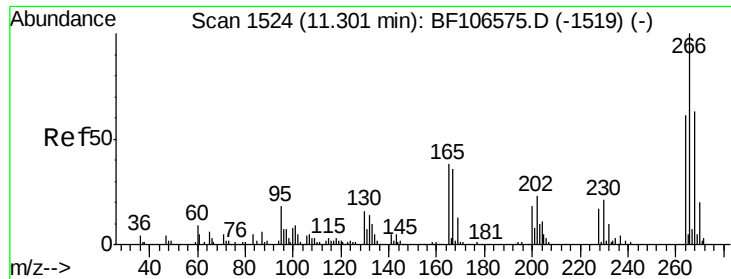
#68
Atrazine
Concen: 50.974 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion: 200 Resp: 127745
Ion Ratio Lower Upper
200 100
173 26.2 8.6 48.6
215 48.0 25.1 65.1



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

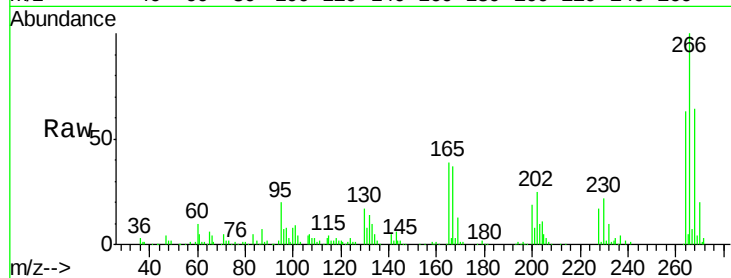




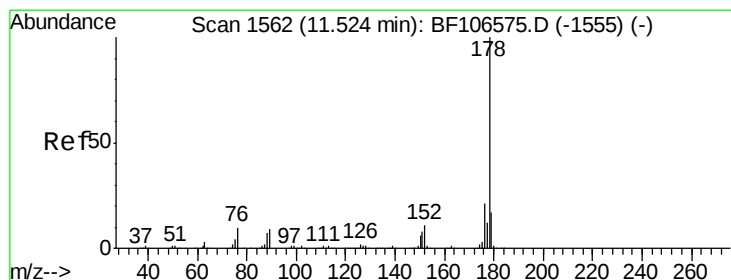
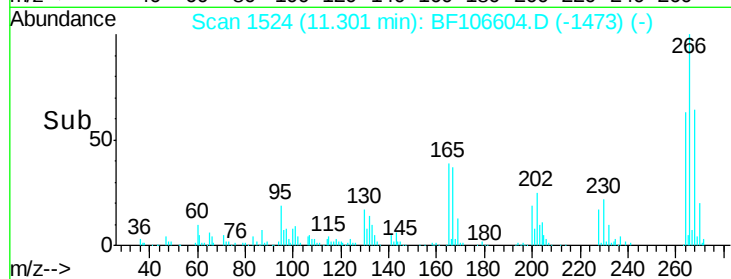
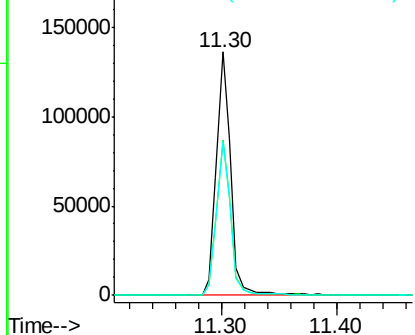
#69
 Pentachlorophenol
 Concen: 80.797 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MS

Tgt Ion:266 Resp: 118024
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 63.1 49.5 74.3

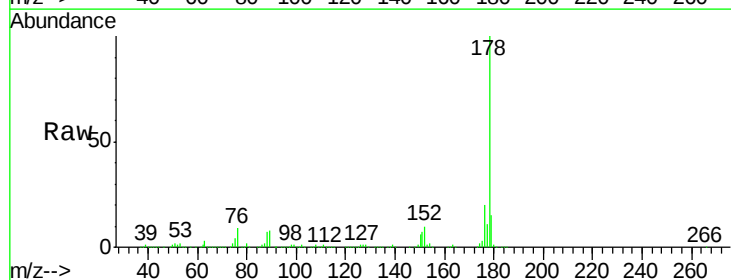


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

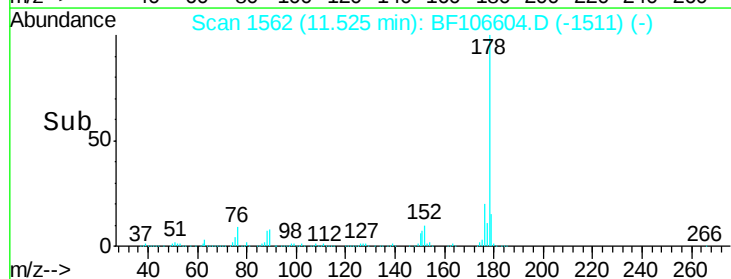
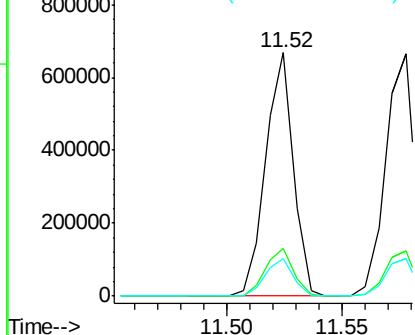


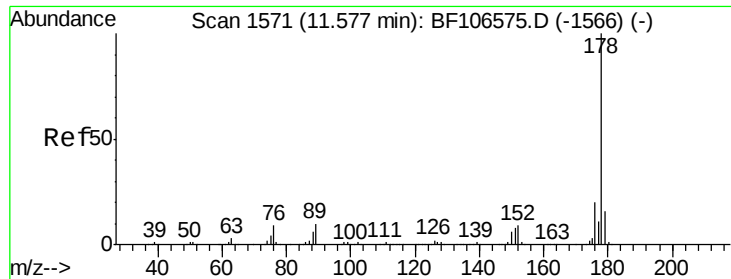
#70
 Phenanthrene
 Concen: 49.575 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Tgt Ion:178 Resp: 560402
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.4 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

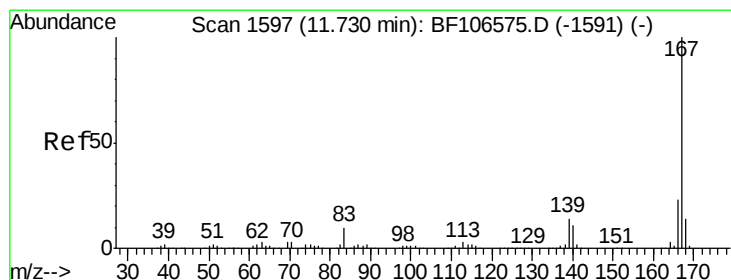
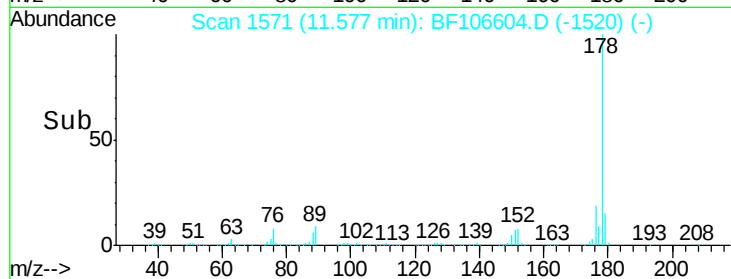
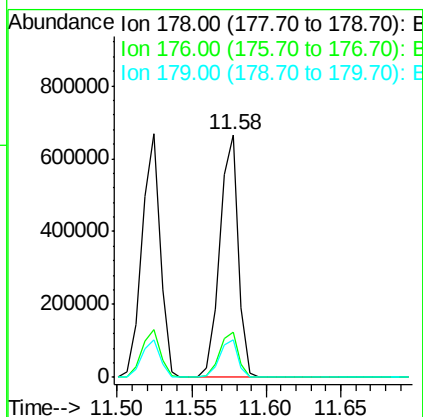
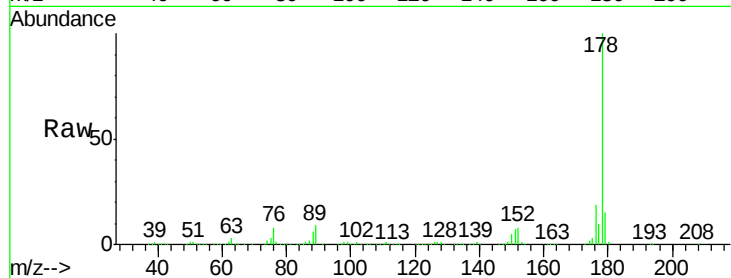




#71
 Anthracene
 Concen: 50.244 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

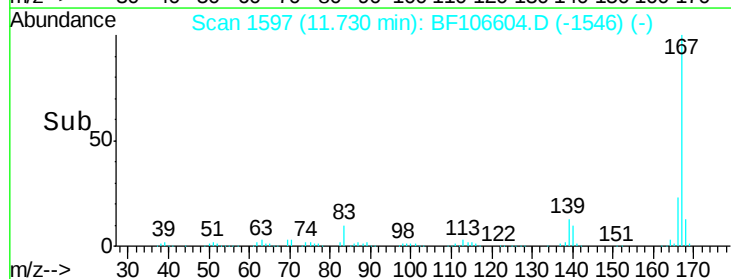
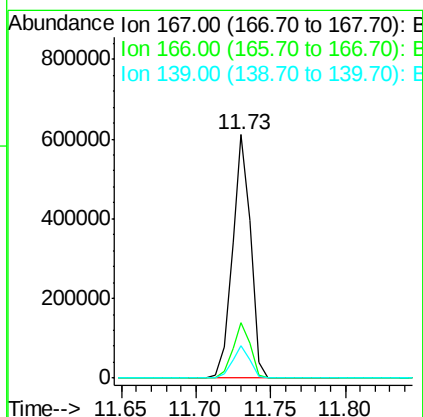
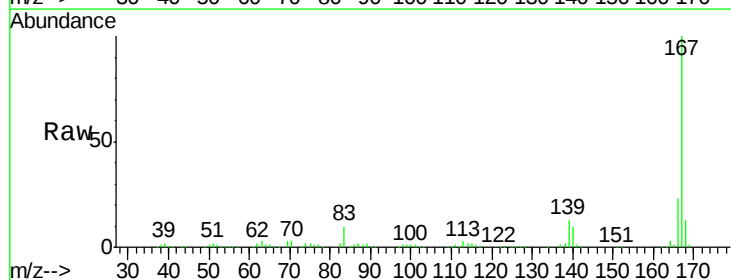
Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MS

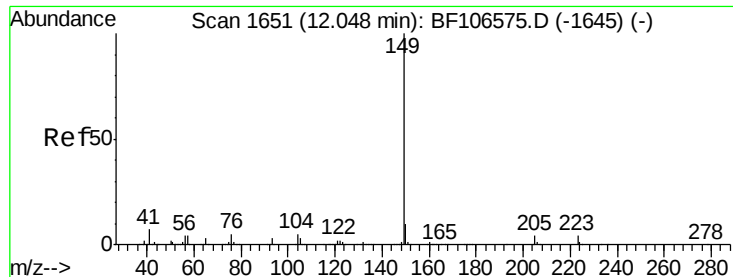
Tgt Ion:178 Resp: 579735
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 48.357 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Tgt Ion:167 Resp: 522386
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 50.834 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

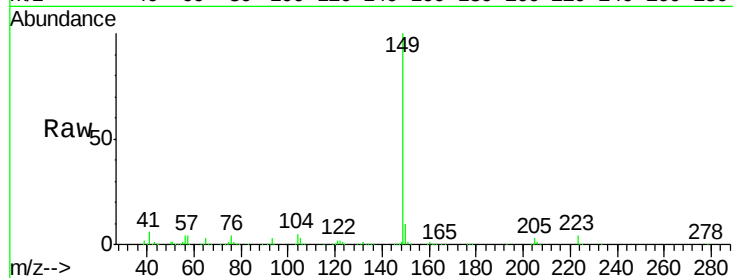
Tgt Ion:149 Resp: 646944

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

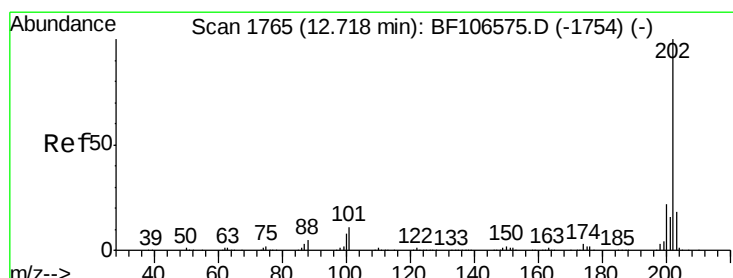
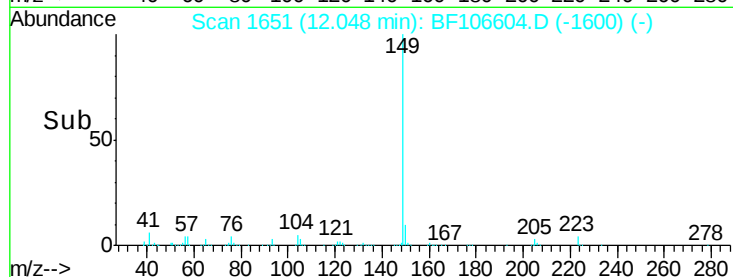
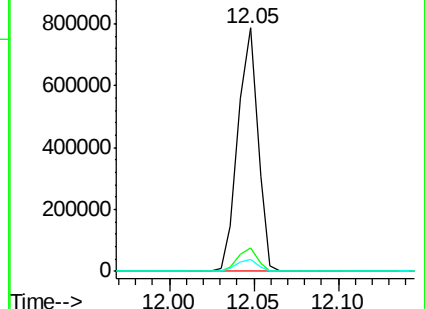
104 4.6 3.8 5.8



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: 50.936 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

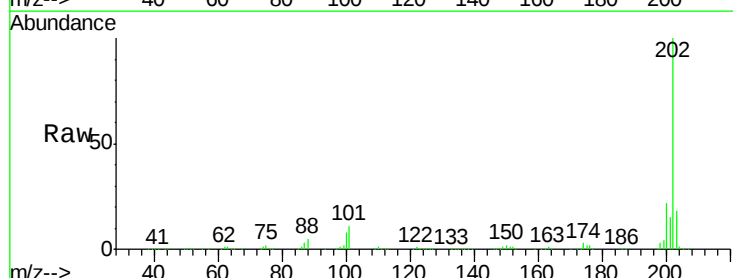
Tgt Ion:202 Resp: 634637

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

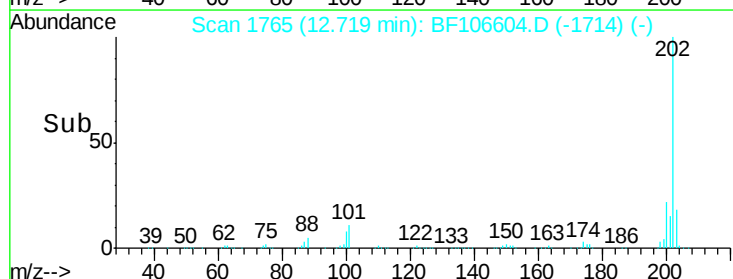
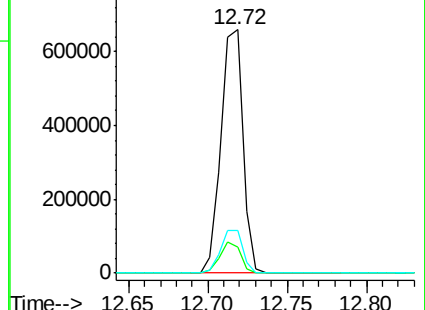
203 17.7 0.0 38.1

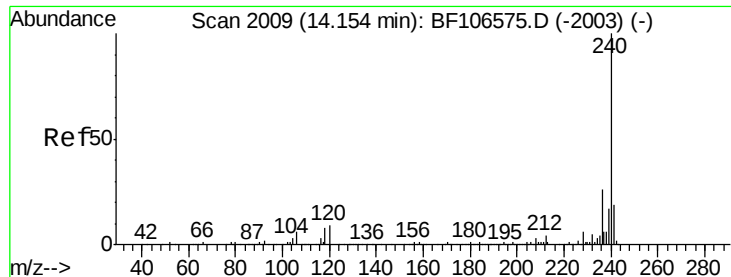


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

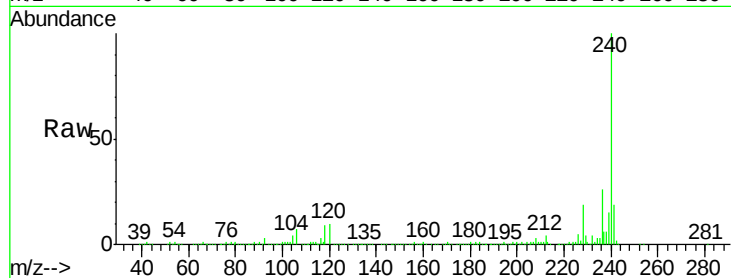
Tgt Ion:240 Resp: 250907

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

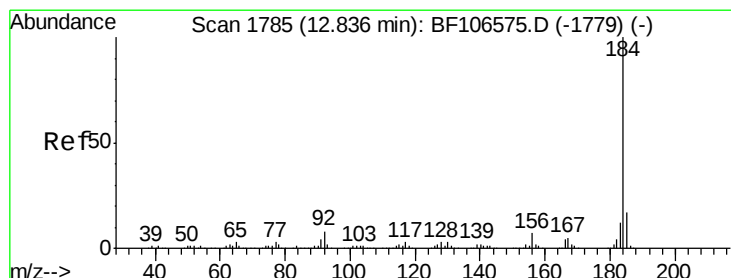
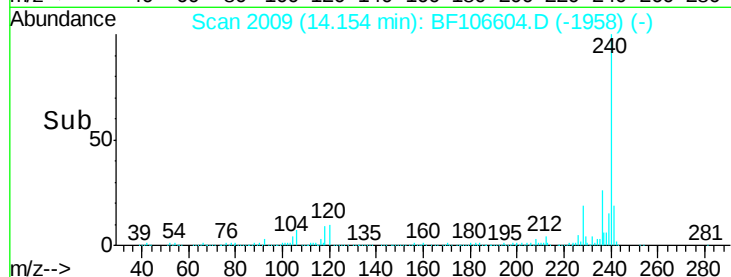
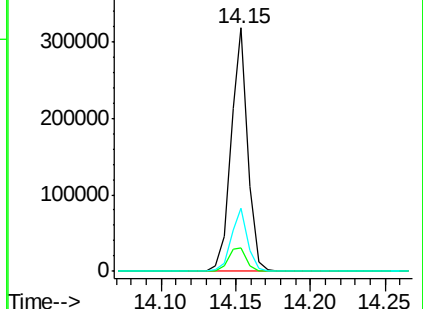
236 25.9 20.7 31.1



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: 24.779 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

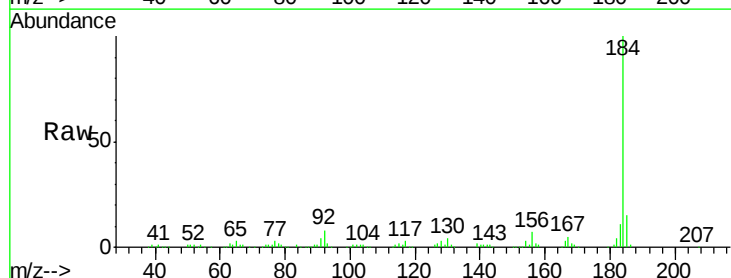
Tgt Ion:184 Resp: 177064

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

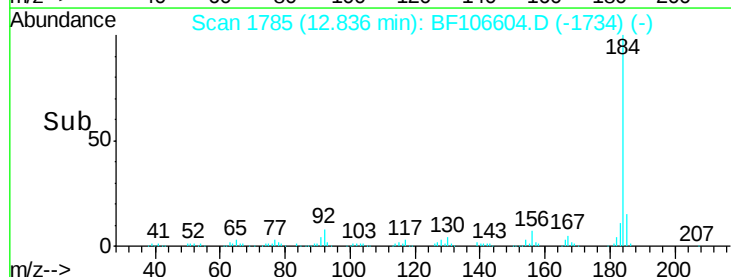
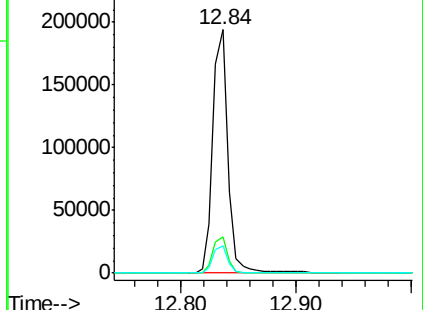
183 11.2 9.3 13.9

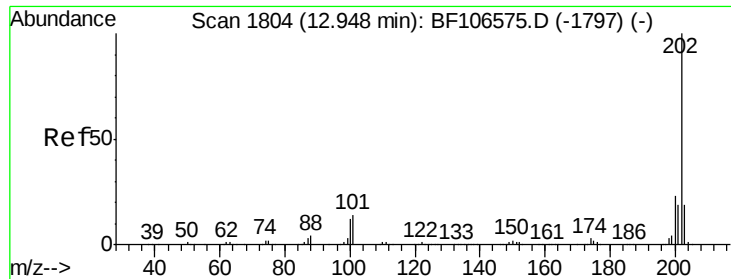


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

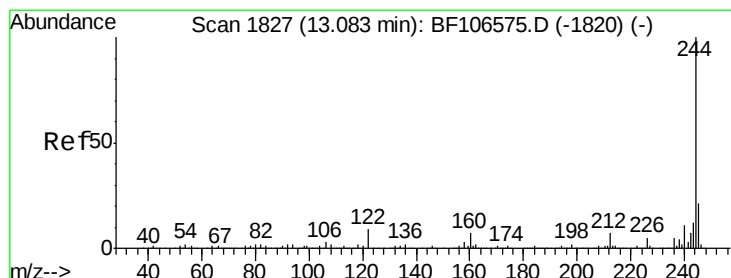
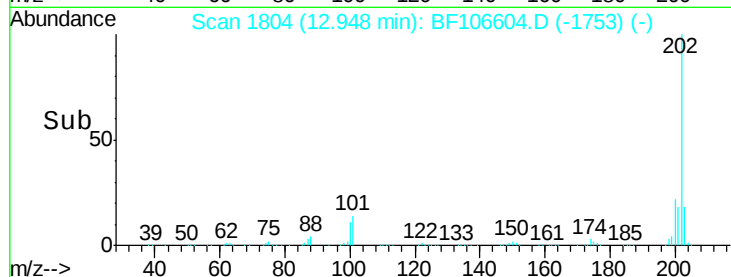
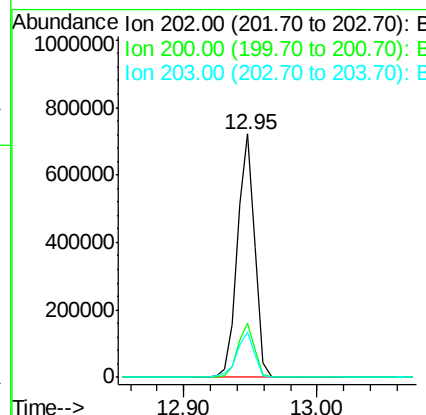
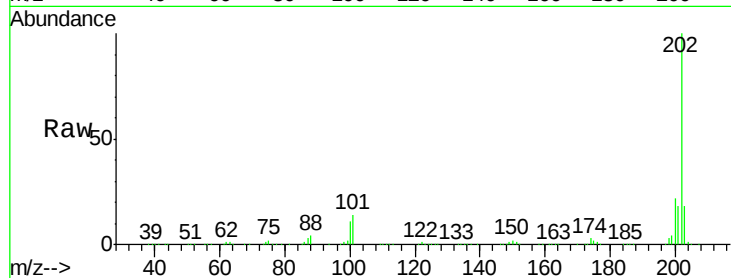




#77
 Pyrene
 Concen: 39.568 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

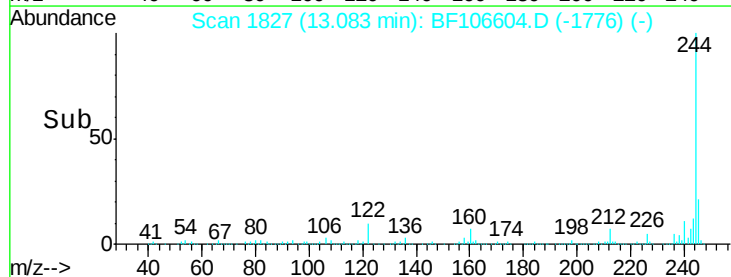
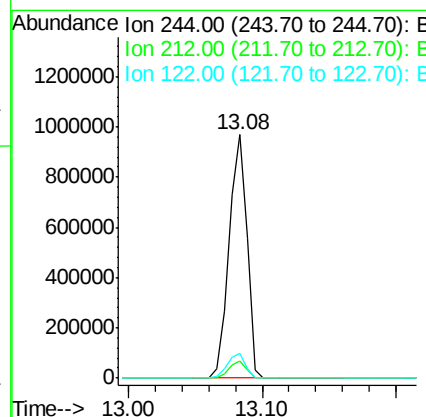
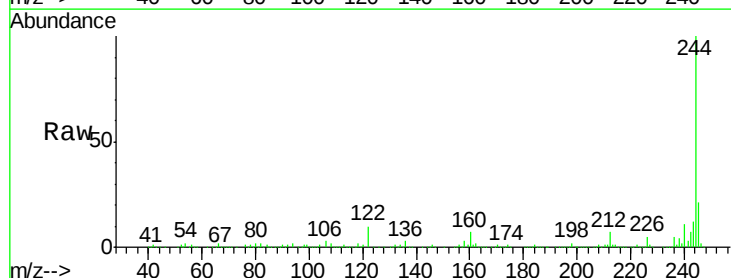
Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MS

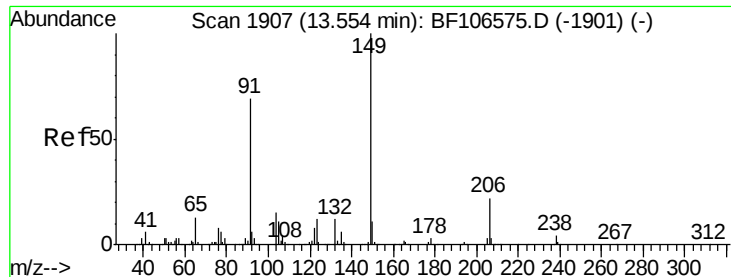
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.4	14.3	21.5



#78
 Terphenyl-d14
 Concen: 88.851 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.0	11.0	16.4

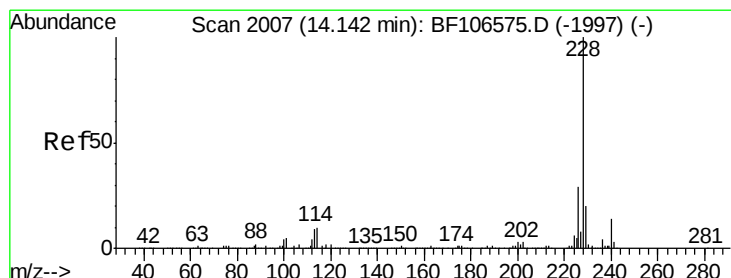
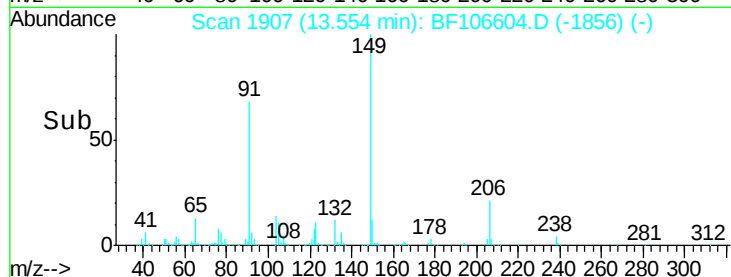
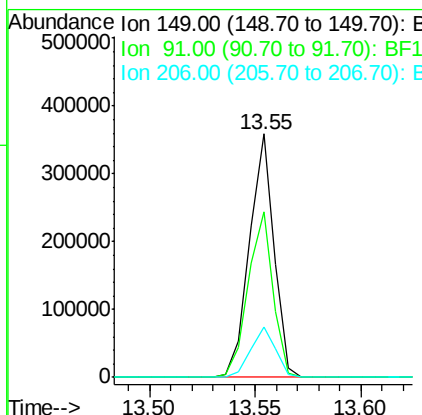
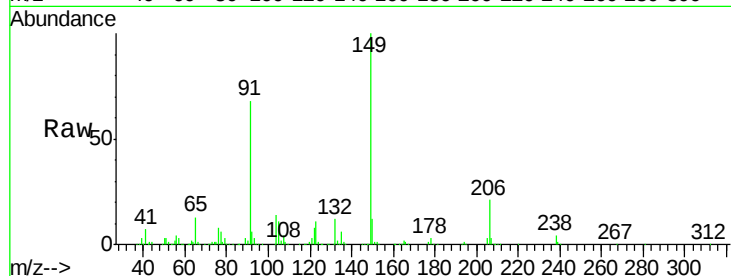




#79
Butylbenzylphthalate
Concen: 42.609 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

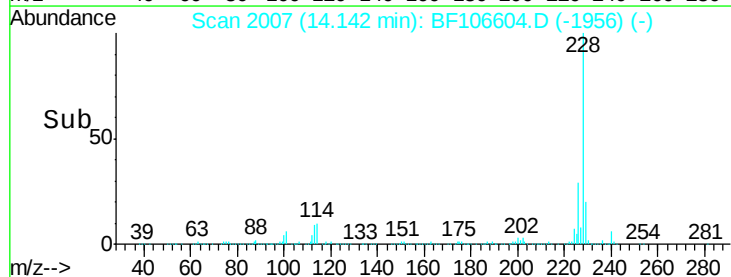
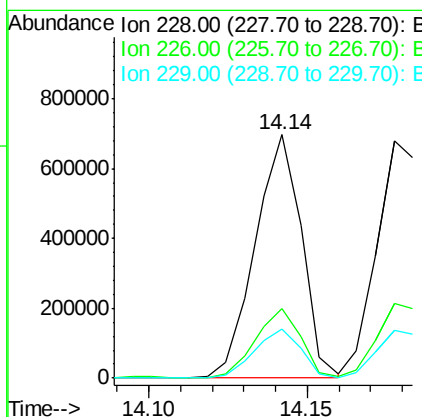
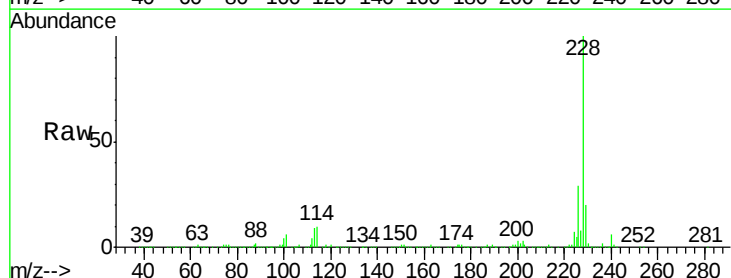
Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

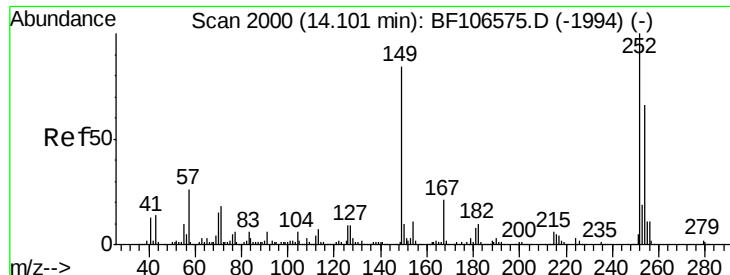
Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.0	56.8	85.2
206	20.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 46.318 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.2	15.8	23.6

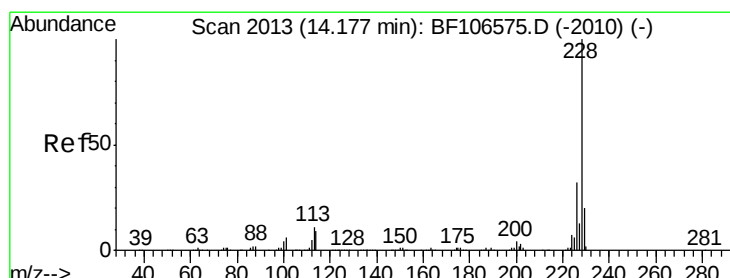
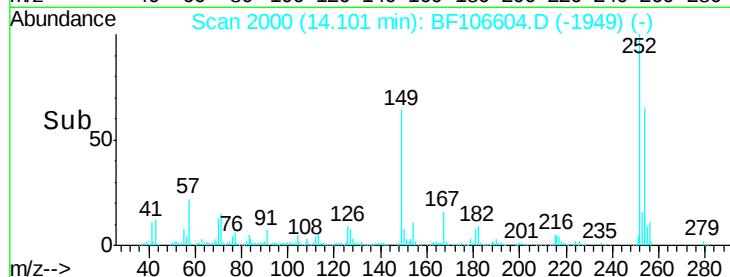
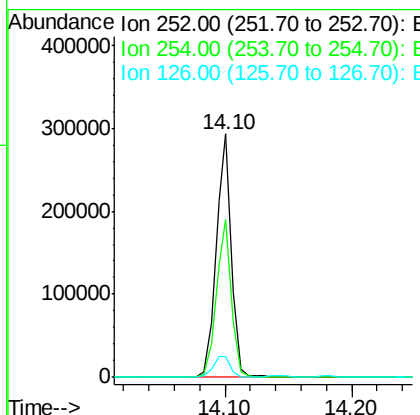
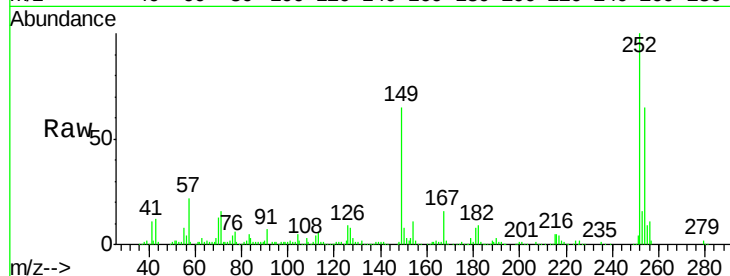




#81
 3,3'-Dichlorobenzidine
 Concen: 46.021 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

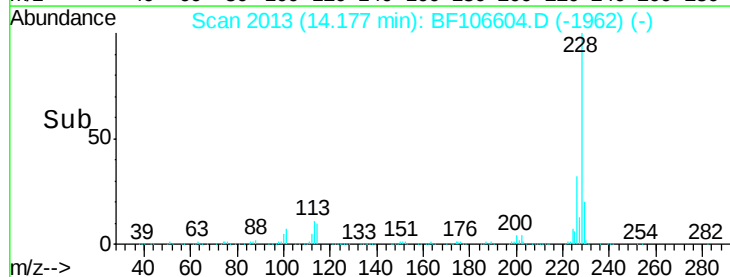
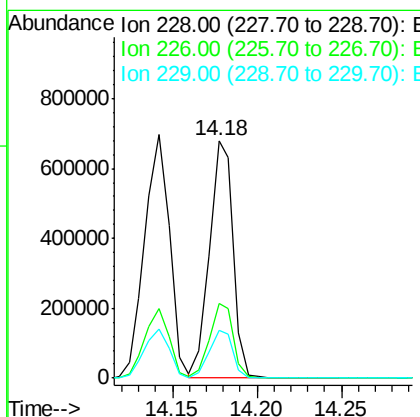
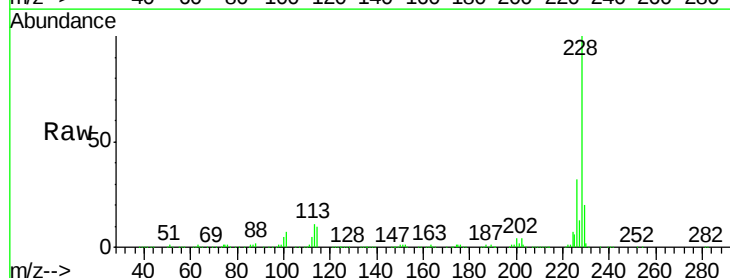
Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MS

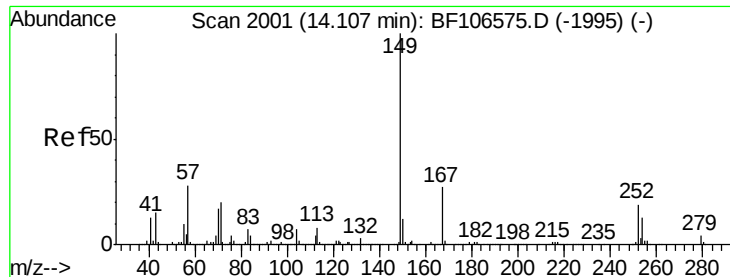
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	8.7	11.3	16.9#



#82
 Chrysene
 Concen: 47.400 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.2	16.2	24.4

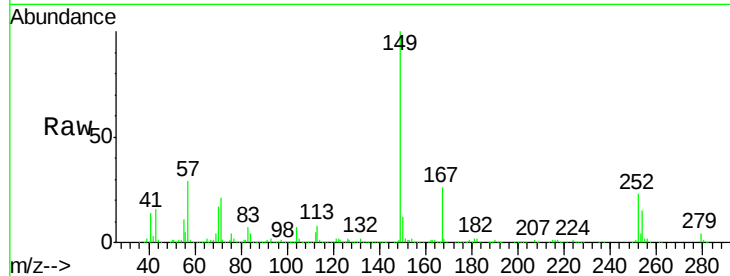




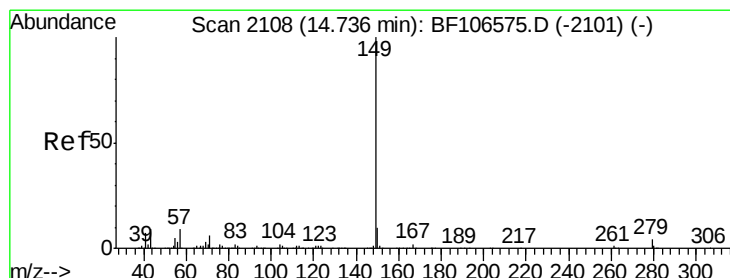
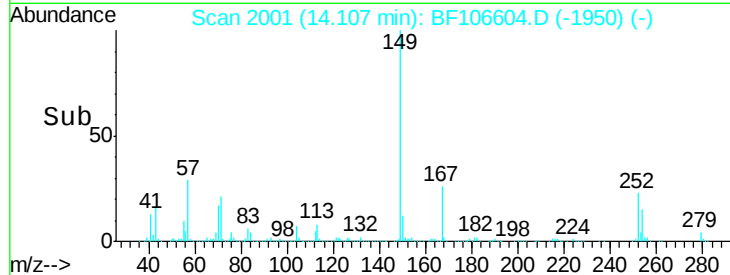
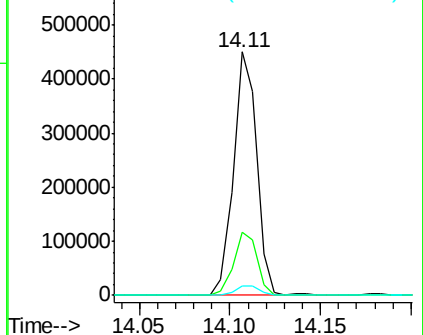
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.136 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Instrument :
 BNA_F
 ClientSampleId :
 A-8(3.0)MS

Tgt Ion:149 Resp: 401250
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 3.7 3.0 4.4

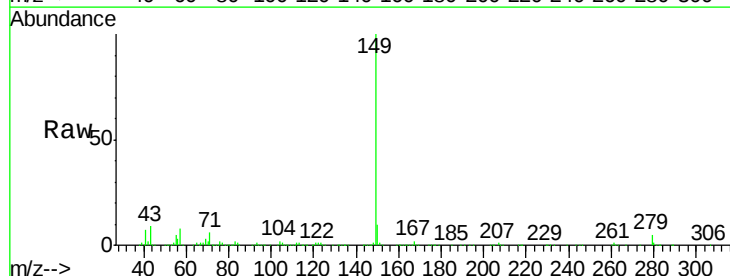


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

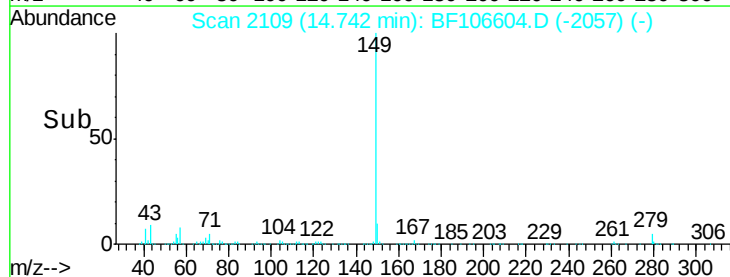
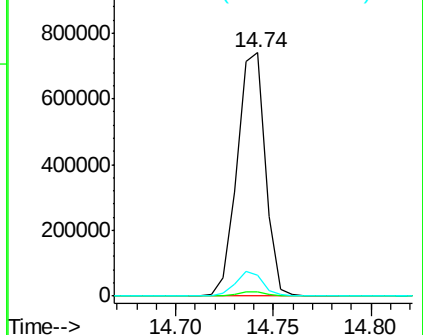


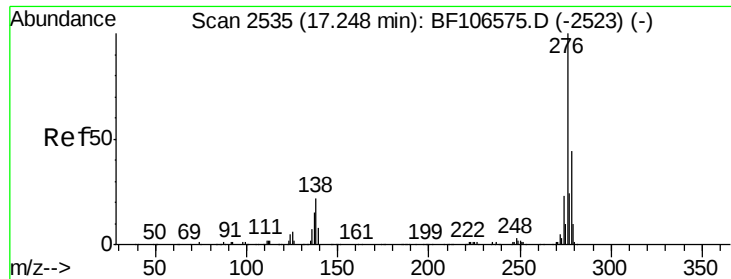
#84
 Di-n-octyl phthalate
 Concen: 52.297 ng
 RT: 14.74 min Scan# 2109
 Delta R.T. 0.01 min
 Lab File: BF106604.D
 Acq: 20 Jun 2018 1:09

Tgt Ion:149 Resp: 741395
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.7 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.626 ng

RT: 17.26 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

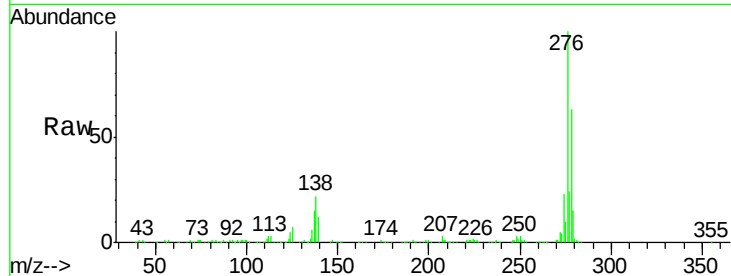
Tgt Ion:276 Resp: 461162

Ion Ratio Lower Upper

276 100

138 24.0 25.0 37.6#

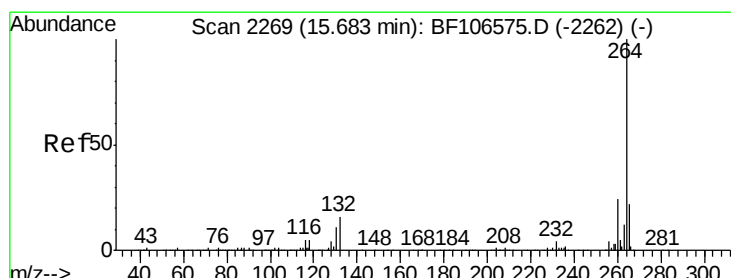
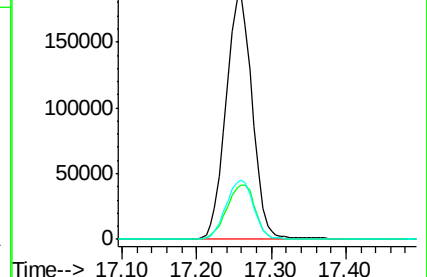
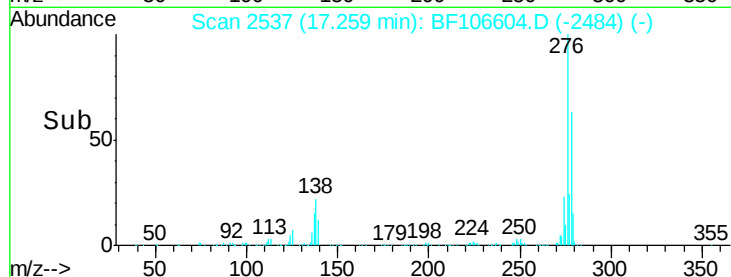
277 25.3 20.1 30.1



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. 0.01 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

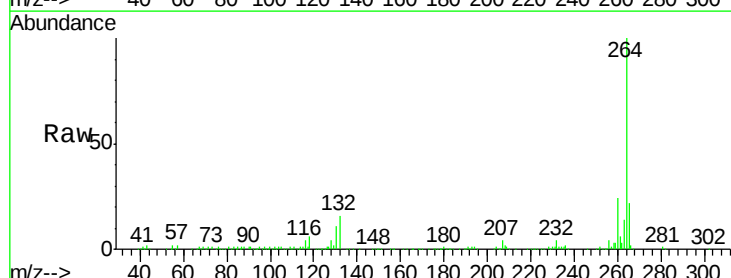
Tgt Ion:264 Resp: 199861

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

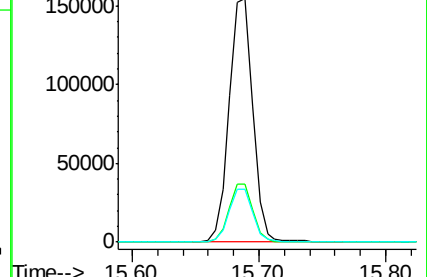
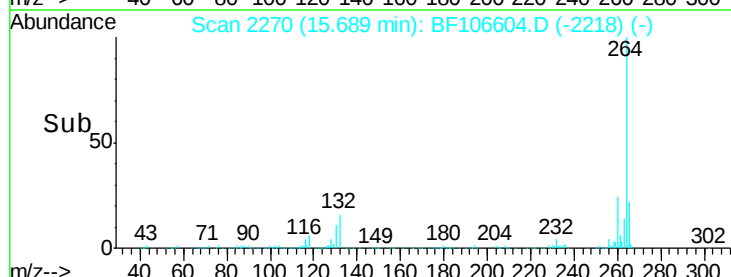
265 21.9 17.5 26.3

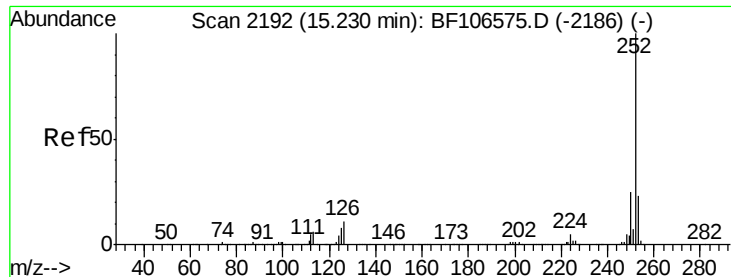


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

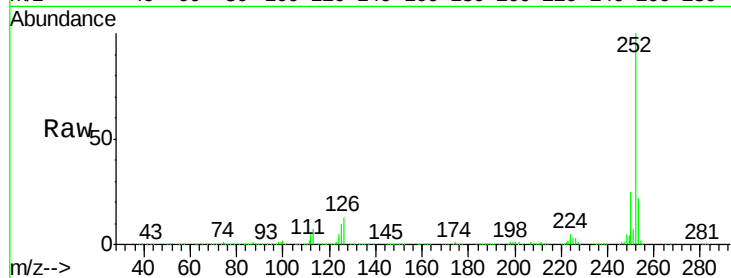




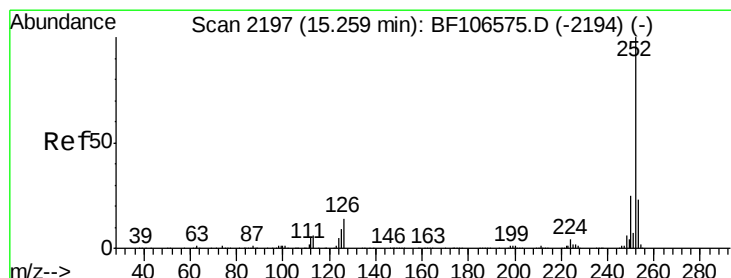
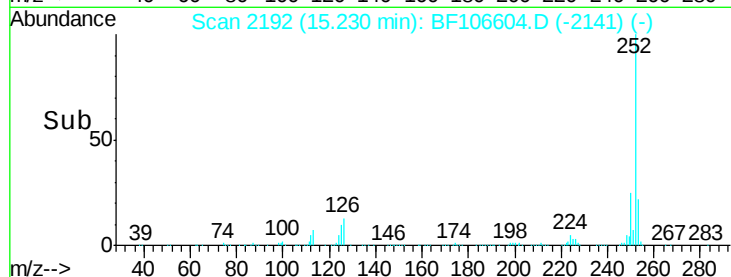
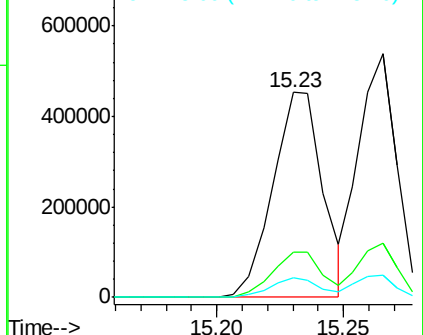
#87
Benzo(b)fluoranthene
Concen: 50.177 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)MS

Tgt Ion:252 Resp: 622964
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 9.6 9.0 13.6

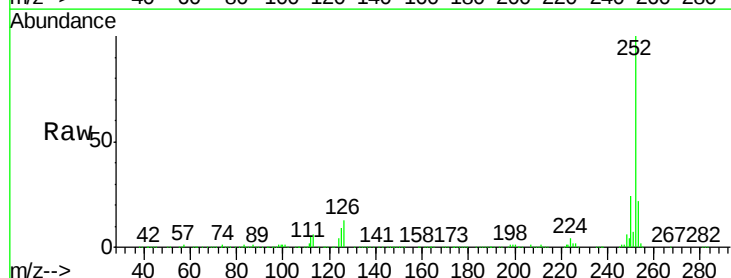


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

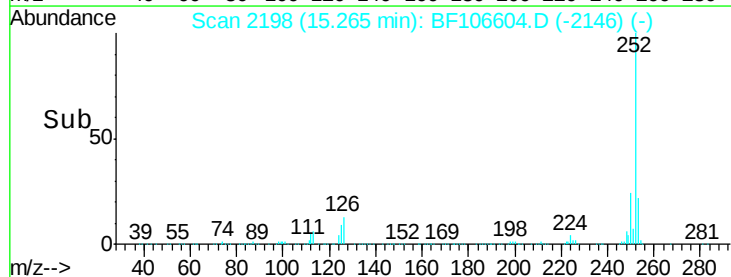
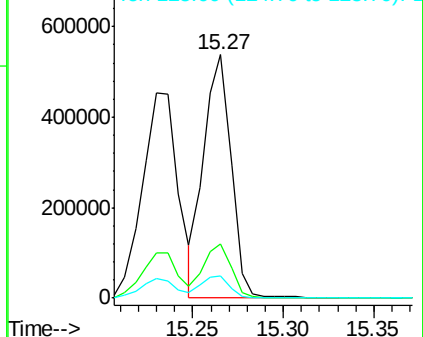


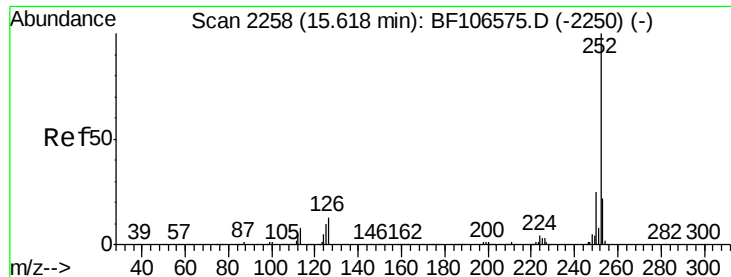
#88
Benzo(k)fluoranthene
Concen: 47.815 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF106604.D
Acq: 20 Jun 2018 1:09

Tgt Ion:252 Resp: 565312
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 8.9 10.2 15.2#



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





#89

Benzo(a)pyrene

Concen: 48.718 ng

RT: 15.62 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

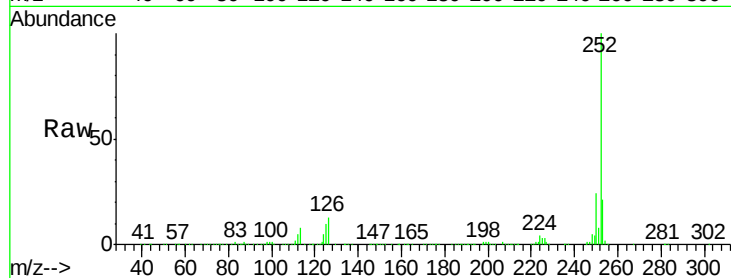
Tgt Ion:252 Resp: 537700

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

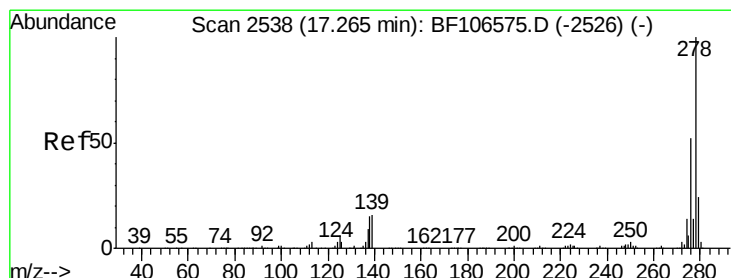
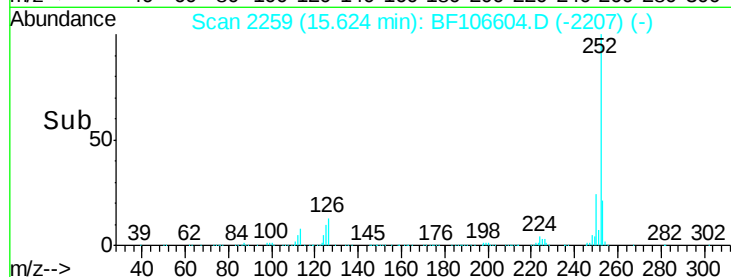
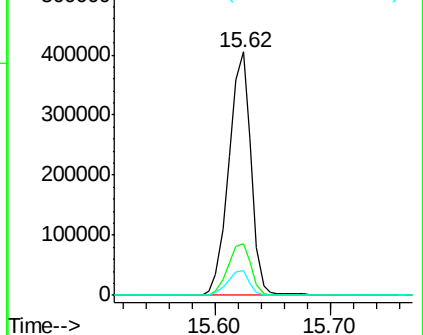
125 10.0 9.8 14.6



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: 41.951 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

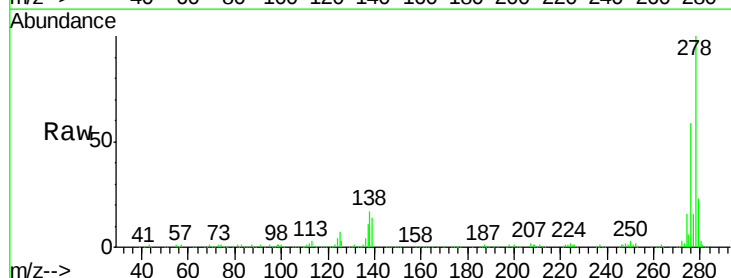
Tgt Ion:278 Resp: 392390

Ion Ratio Lower Upper

278 100

139 14.4 15.9 23.9#

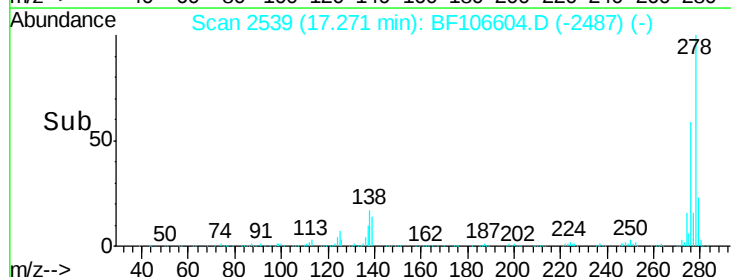
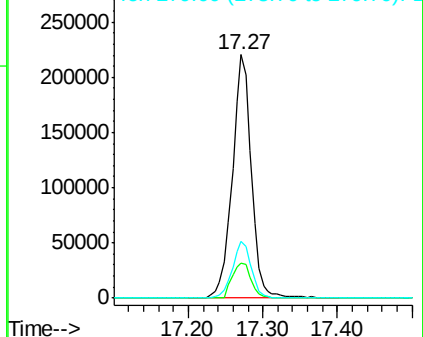
279 23.4 19.0 28.4

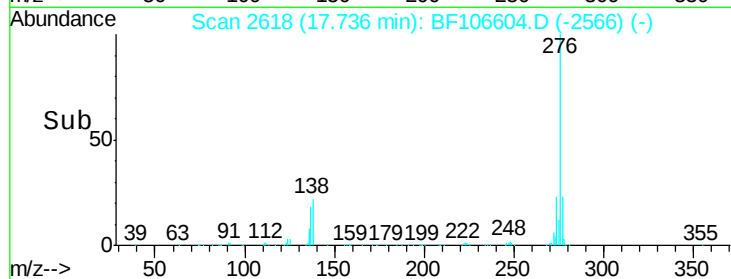
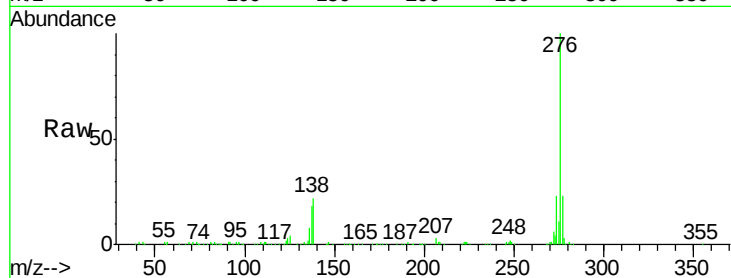
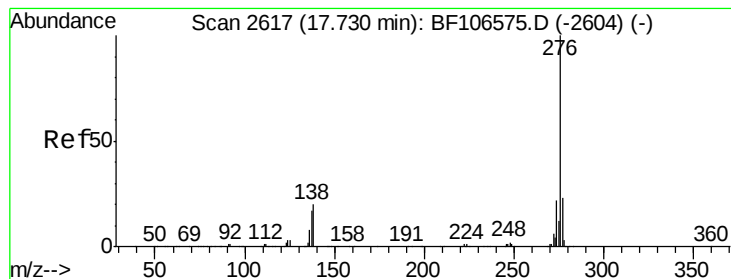


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.823 ng

RT: 17.74 min Scan# 2618

Delta R.T. 0.01 min

Lab File: BF106604.D

Acq: 20 Jun 2018 1:09

Instrument :

BNA_F

ClientSampleId :

A-8(3.0)MS

Tgt Ion:276 Resp: 373220

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 21.6 21.8 32.8#

