

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106947.D
 Acq On : 29 Jun 2018 3:10
 Operator : JU/SJ
 Sample : J3593-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

Quant Time: Jun 29 05:57:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66536	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	228297	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	93786	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	157744	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	183930	20.00	ng	-0.02
86) Perylene-d12	15.67	264	157916	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	231091	58.81	ng	0.00
7) Phenol-d6	6.60	99	566001	115.35	ng	-0.01
23) Nitrobenzene-d5	7.52	82	397749	96.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	49891	45.90	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	613525	116.13	ng	-0.02
78) Terphenyl-d14	13.07	244	636836	83.87	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	73806	36.535	ng	97
3) Pyridine	3.63	79	215507	39.336	ng	96
4) n-Nitrosodimethylamine	3.61	42	91277	39.226	ng	85
6) Aniline	6.62	93	184373	27.699	ng	# 24
8) 2-Chlorophenol	6.75	128	140153	32.520	ng	97
9) Benzaldehyde	6.51	77	94407	25.626	ng	98
10) Phenol	6.62	94	229451	40.973	ng	# 71
11) bis(2-Chloroethyl)ether	6.69	93	203937	44.113	ng	99
12) 1,3-Dichlorobenzene	6.90	146	234487	46.454	ng	99
13) 1,4-Dichlorobenzene	6.97	146	234987	46.047	ng	98
14) 1,2-Dichlorobenzene	7.12	146	217062	46.412	ng	98
15) Benzyl Alcohol	7.10	79	167806	42.589	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	265221	43.725	ng	63
17) 2-Methylphenol	7.21	107	162972	44.188	ng	# 91
18) Hexachloroethane	7.46	117	72108	40.181	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	130960	40.488	ng	93
20) 3+4-Methylphenols	7.37	107	202850	53.923	ng	90
22) Acetophenone	7.36	105	262480	51.390	ng	98
24) Nitrobenzene	7.54	77	202779	48.349	ng	98
25) Isophorone	7.78	82	356946	49.309	ng	99
26) 2-Nitrophenol	7.85	139	42036	21.231	ng	95
27) 2,4-Dimethylphenol	7.89	122	172086	56.233	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	236429	48.644	ng	98
29) 2,4-Dichlorophenol	8.10	162	104073	32.483	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	189825	53.783	ng	98
31) Naphthalene	8.26	128	535975	50.215	ng	99
32) Benzoic acid	7.89	122	172086	73.808	ng	# 14
33) 4-Chloroaniline	8.31	127	108913	24.319	ng	97
34) Hexachlorobutadiene	8.37	225	123948	53.896	ng	99
35) Caprolactam	8.66	113	45799	43.853	ng	98
36) 4-Chloro-3-methylphenol	8.80	107	154156	45.712	ng	98
37) 2-Methylnaphthalene	8.95	142	368983	52.155	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	190160	60.207	ng	# 95
40) Hexachlorocyclopentadiene	9.10	237	19179	11.802	ng	96

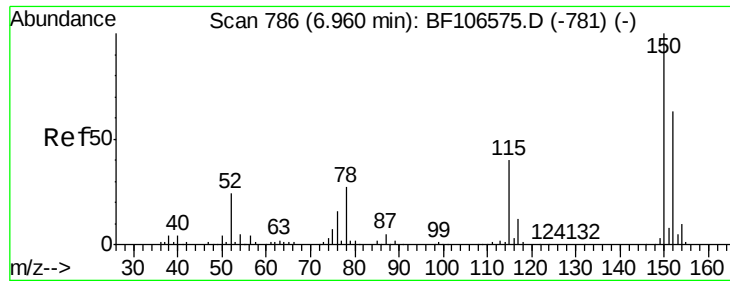
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	16495	7.857	ng	97
43) 2,4,5-Trichlorophenol	9.28	196	40089	18.299	ng	# 86
45) 1,1'-Biphenyl	9.41	154	421044	56.332	ng	98
46) 2-Chloronaphthalene	9.44	162	302989	51.499	ng	96
47) 2-Nitroaniline	9.54	65	90564	45.777	ng	97
48) Acenaphthylene	9.86	152	453206	48.792	ng	99
49) Dimethylphthalate	9.71	163	427181	60.730	ng	98
50) 2,6-Dinitrotoluene	9.78	165	76621	51.441	ng	# 80
51) Acenaphthene	10.03	154	270265	46.206	ng	98
52) 3-Nitroaniline	9.95	138	71088	41.475	ng	98
54) Dibenzofuran	10.20	168	412224	51.468	ng	97
55) 4-Nitrophenol	10.20	139	141602	118.357	ng	# 10
56) 2,4-Dinitrotoluene	10.18	165	91496	47.061	ng	# 90
57) Fluorene	10.54	166	304753	47.950	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	7782	4.469	ng	# 60
59) Diethylphthalate	10.40	149	307887	45.350	ng	# 94
60) 4-Chlorophenyl-phenylether	10.53	204	161711	48.629	ng	# 86
61) 4-Nitroaniline	10.57	138	72471	42.604	ng	96
62) Azobenzene	10.69	77	269680	40.338	ng	95
65) n-Nitrosodiphenylamine	10.65	169	262659	49.504	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	102128	54.249	ng	# 78
67) Hexachlorobenzene	11.10	284	104141	52.853	ng	# 81
68) Atrazine	11.18	200	89090	52.819	ng	94
69) Pentachlorophenol	11.30	266	3004	3.055	ng	95
70) Phenanthrene	11.51	178	409606	53.837	ng	99
71) Anthracene	11.57	178	422769	54.440	ng	100
72) Carbazole	11.72	167	384928	52.942	ng	98
73) Di-n-butylphthalate	12.03	149	397727	46.433	ng	100
74) Fluoranthene	12.71	202	494187	58.931	ng	96
76) Benzidine	12.83	184	248711	47.480	ng	97
77) Pyrene	12.94	202	508100	41.892	ng	100
79) Butylbenzylphthalate	13.54	149	189705	38.041	ng	# 96
80) Benzo(a)anthracene	14.13	228	551066	49.158	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	169272	42.964	ng	# 97
82) Chrysene	14.17	228	514265	49.865	ng	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	254136	39.861	ng	# 98
84) Di-n-octyl phthalate	14.71	149	498194	47.939	ng	95
85) Indeno(1,2,3-cd)pyrene	17.25	276	400439	45.754	ng	# 89
87) Benzo(b)fluoranthene	15.22	252	542741	55.327	ng	# 96
88) Benzo(k)fluoranthene	15.25	252	442949	47.416	ng	# 96
89) Benzo(a)pyrene	15.61	252	449506	51.546	ng	# 96
90) Dibenzo(a,h)anthracene	17.26	278	340162	46.026	ng	# 93
91) Benzo(g,h,i)perylene	17.72	276	322098	44.589	ng	# 88

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

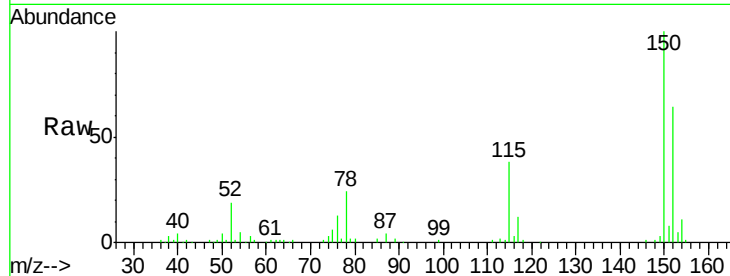


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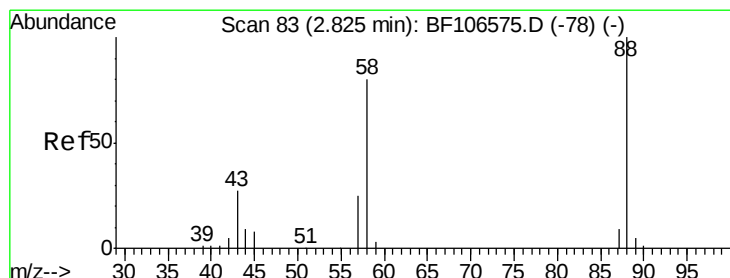
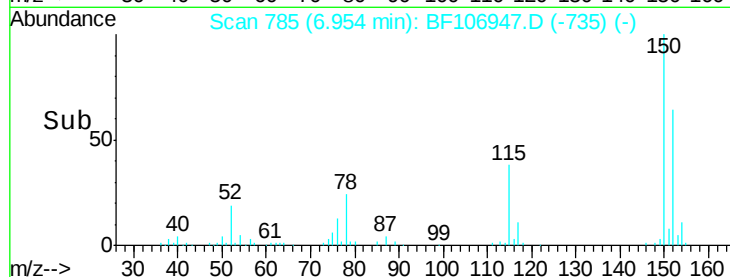
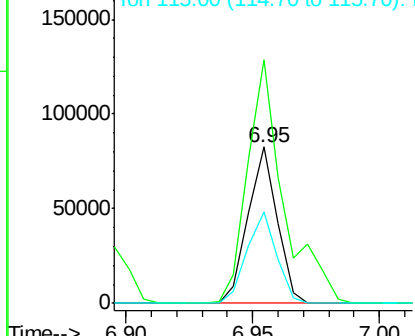
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tgt Ion:152 Resp: 66536
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 58.8 50.1 75.1



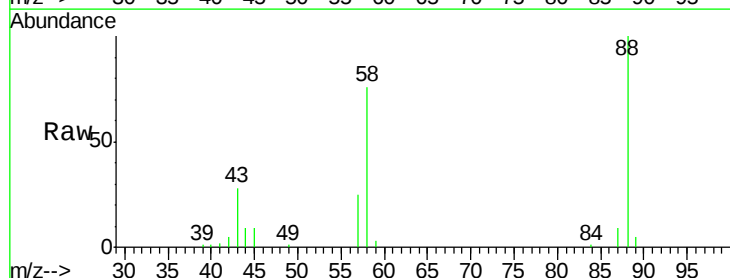
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



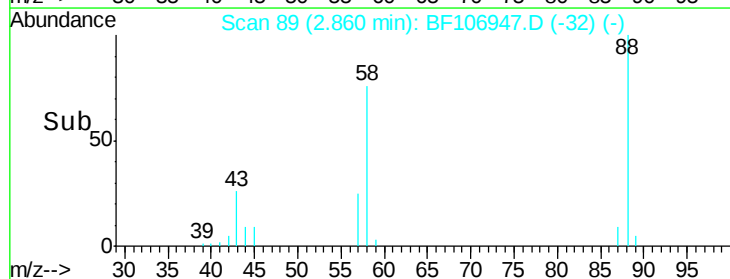
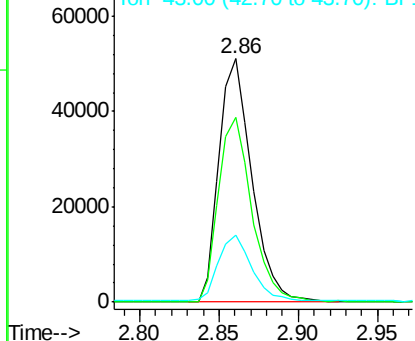
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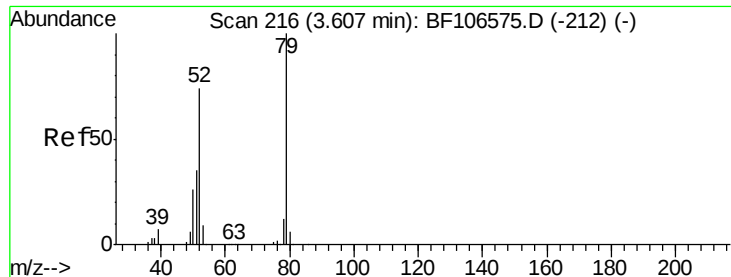
1,4-Dioxane
Concen: 36.535 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.04 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion: 88 Resp: 73806
Ion Ratio Lower Upper
88 100
58 77.3 62.6 93.8
43 26.9 24.6 37.0



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





#3

Pyridine

Concen: 39.336 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

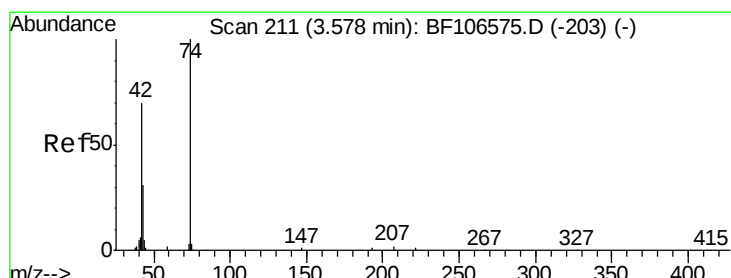
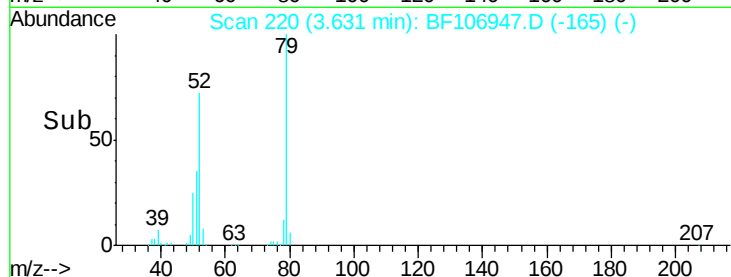
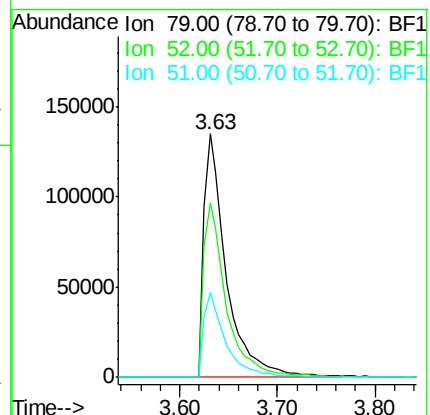
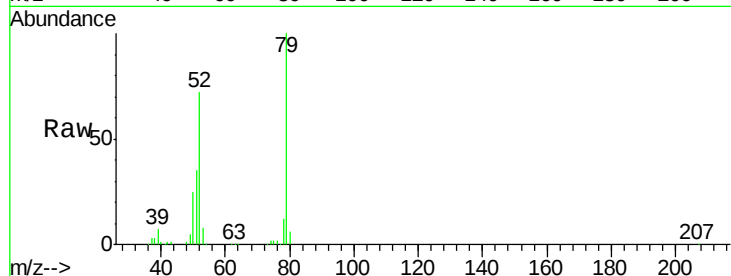
Tgt Ion: 79 Resp: 215507

Ion Ratio Lower Upper

79 100

52 71.5 59.8 89.6

51 35.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.226 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

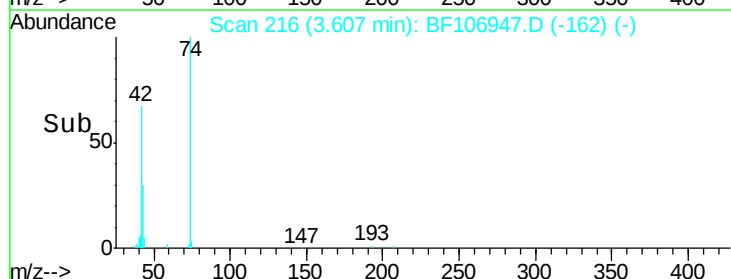
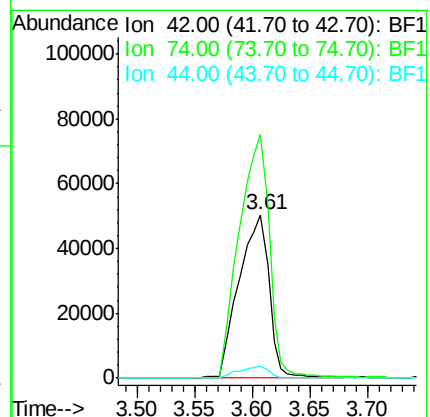
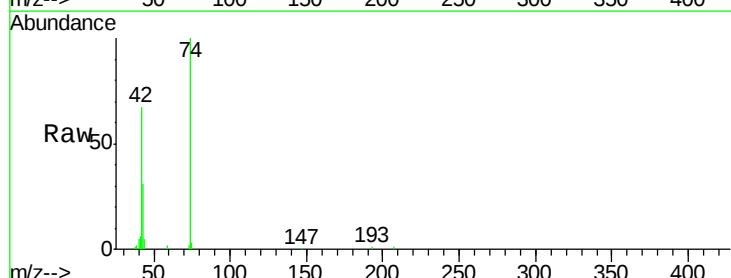
Tgt Ion: 42 Resp: 91277

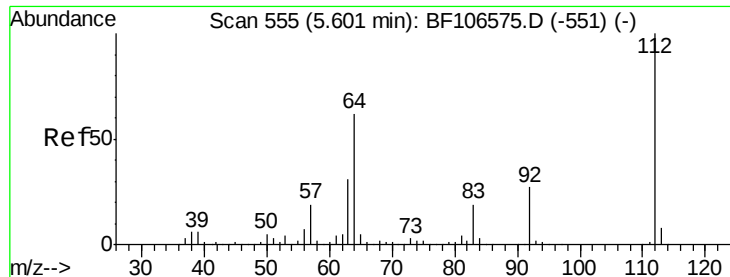
Ion Ratio Lower Upper

42 100

74 149.1 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 58.812 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

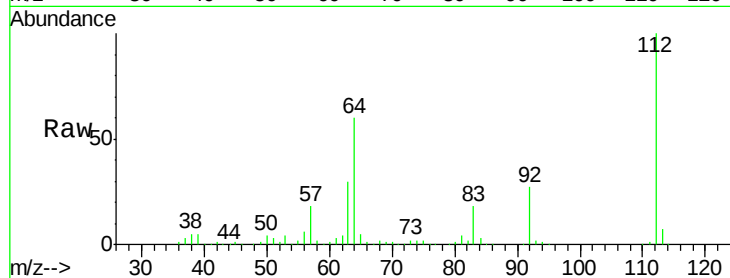
Tgt Ion: 112 Resp: 231091

Ion Ratio Lower Upper

112 100

64 60.1 47.9 71.9

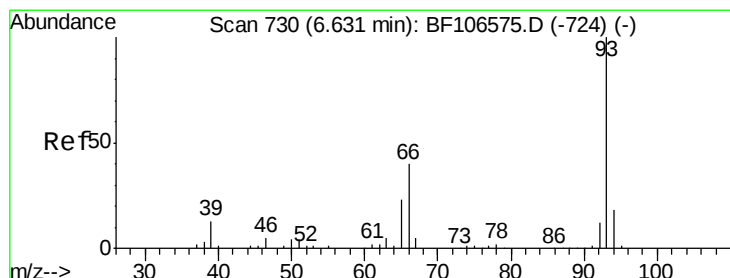
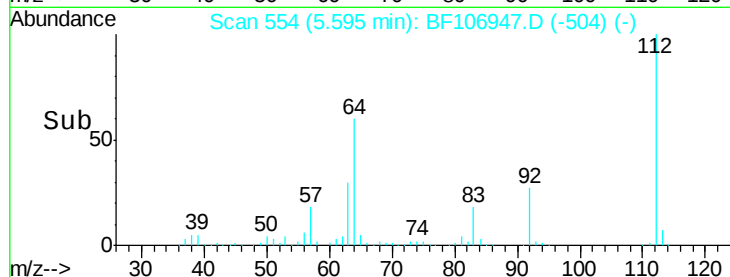
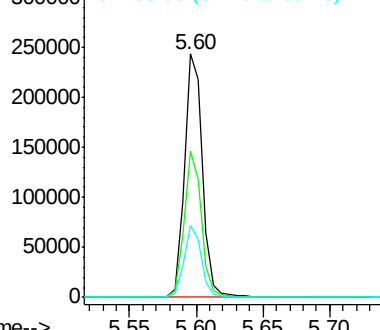
63 29.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.699 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

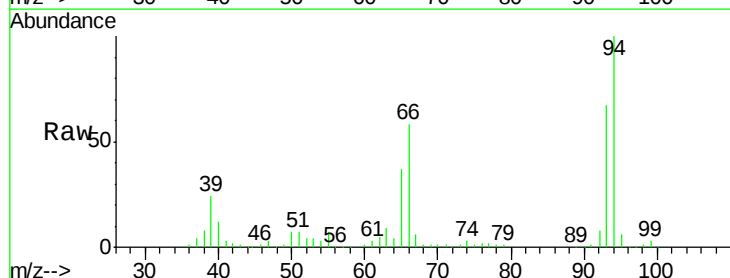
Tgt Ion: 93 Resp: 184373

Ion Ratio Lower Upper

93 100

66 87.5 32.2 48.2#

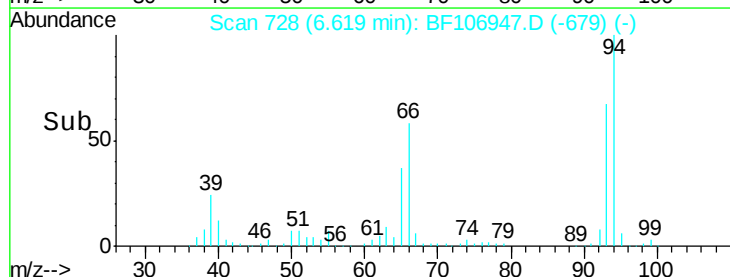
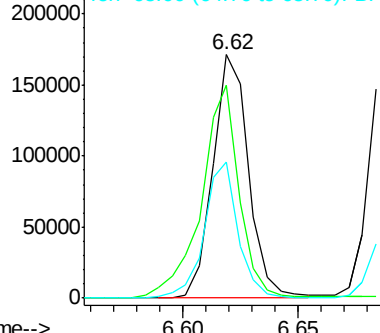
65 55.8 16.4 24.6#



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: 115.346 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

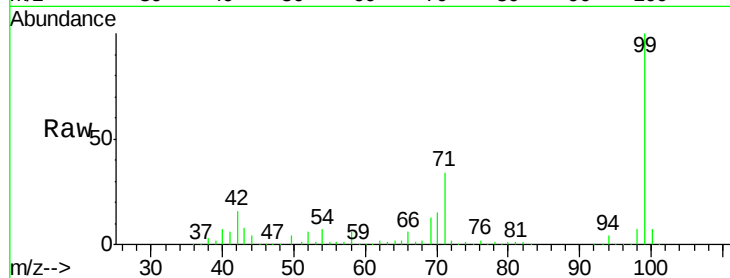
Tgt Ion: 99 Resp: 566001

Ion Ratio Lower Upper

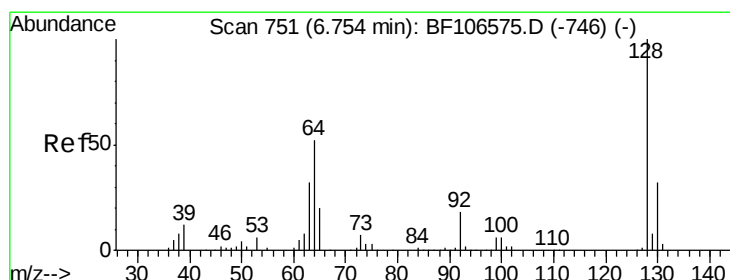
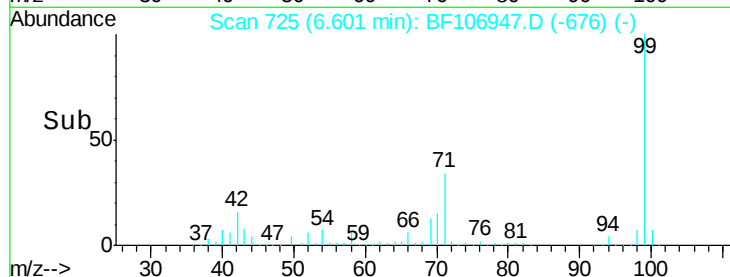
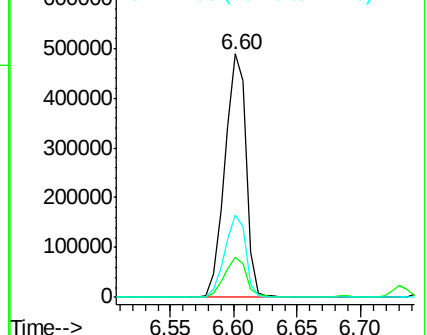
99 100

42 16.2 14.5 21.7

71 33.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 32.520 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

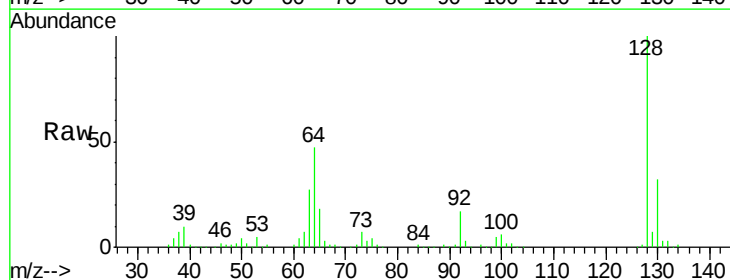
Tgt Ion: 128 Resp: 140153

Ion Ratio Lower Upper

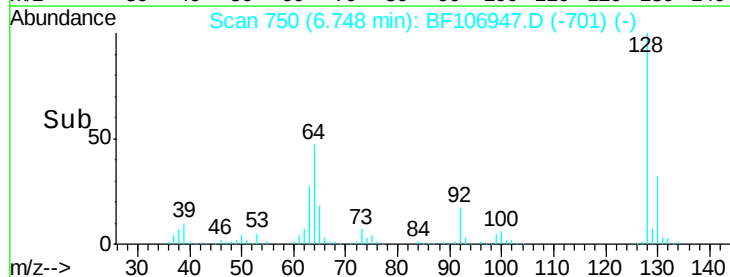
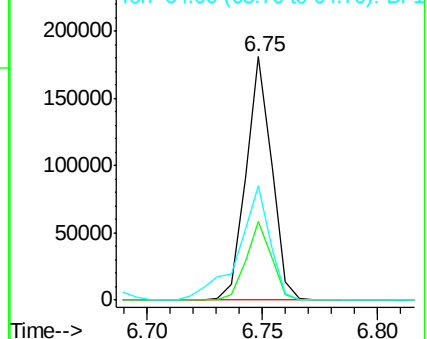
128 100

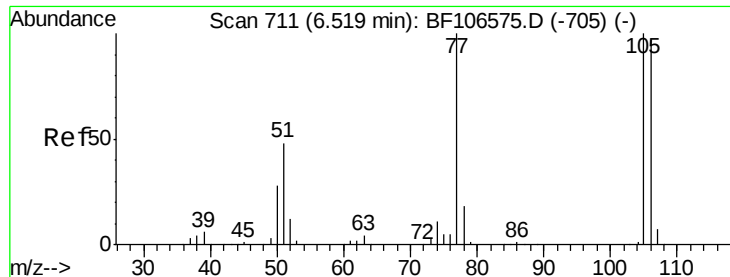
130 32.3 13.0 53.0

64 46.8 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: 25.626 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

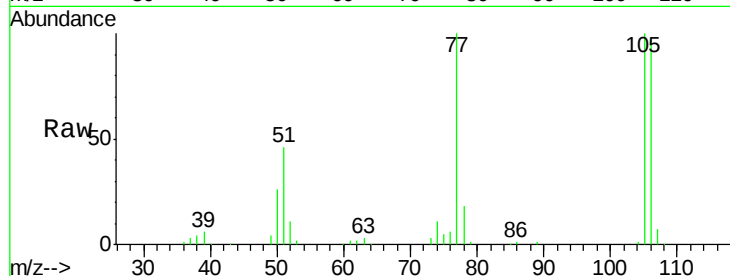
Tgt Ion: 77 Resp: 94407

Ion Ratio Lower Upper

77 100

105 99.7 81.1 121.1

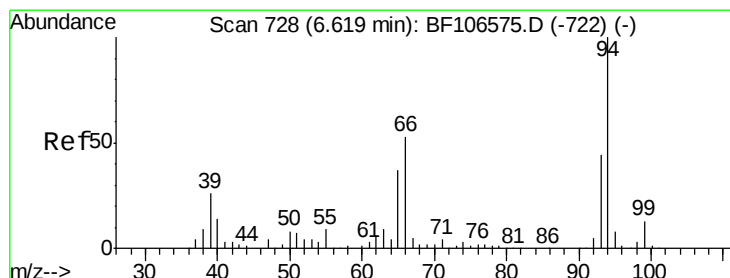
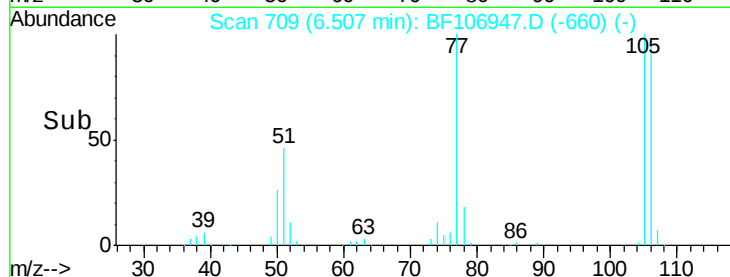
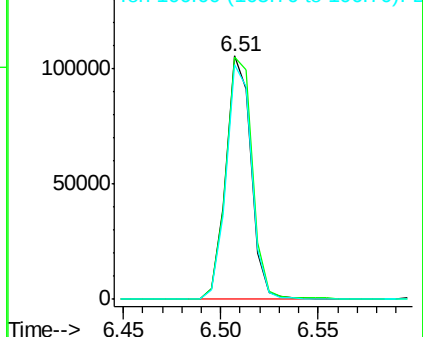
106 96.6 74.5 114.5



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: 40.973 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

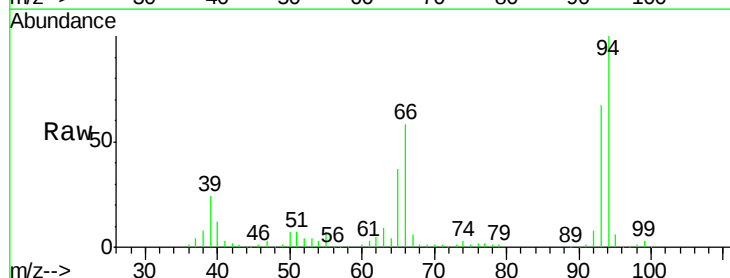
Tgt Ion: 94 Resp: 229451

Ion Ratio Lower Upper

94 100

65 37.2 7.9 47.9

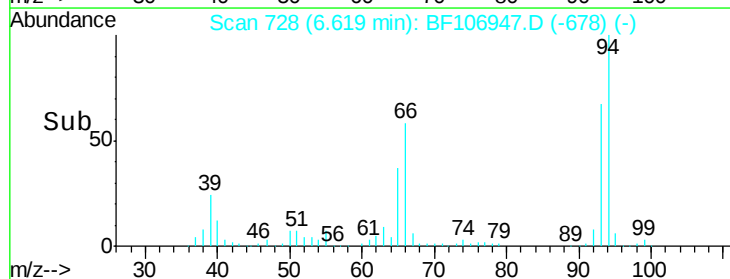
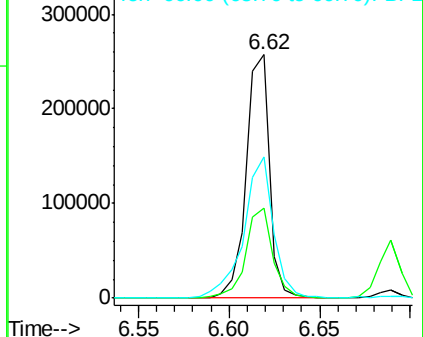
66 58.3 16.2 56.2#

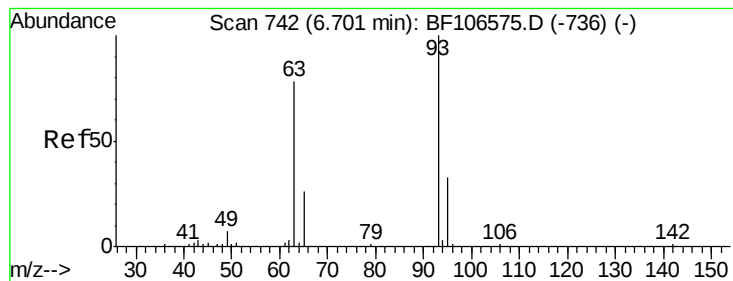


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.113 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

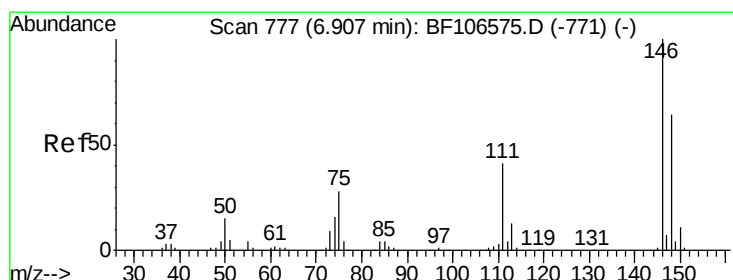
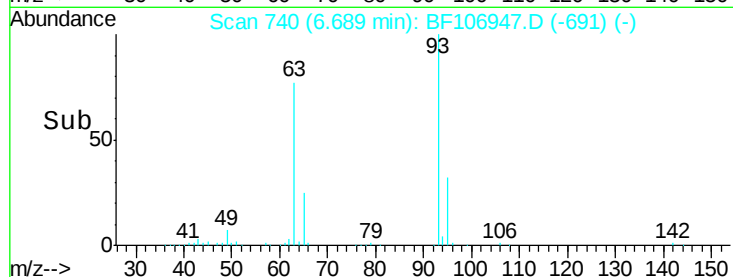
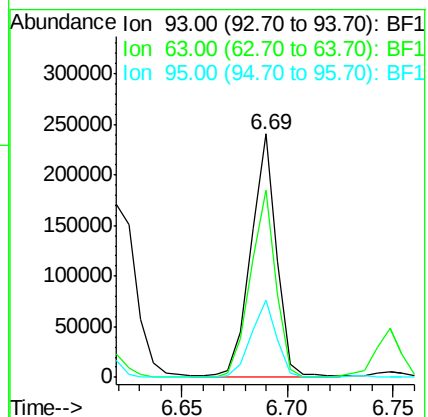
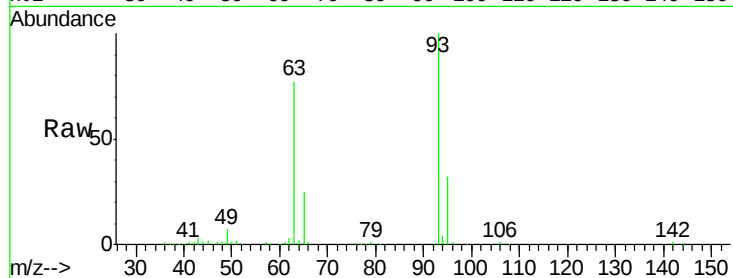
Tgt Ion: 93 Resp: 203937

Ion Ratio Lower Upper

93 100

63 77.0 58.6 98.6

95 31.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 46.454 ng

RT: 6.90 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

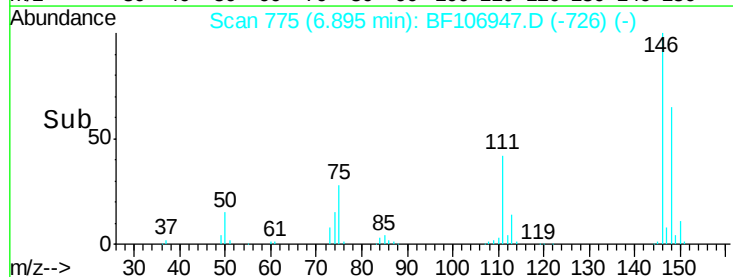
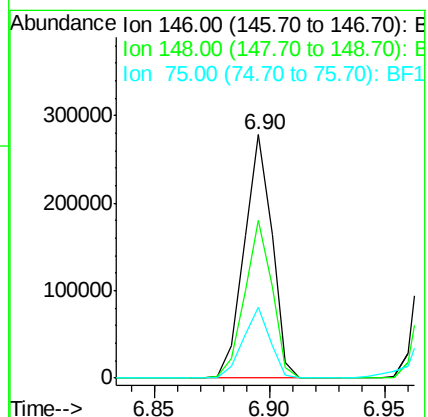
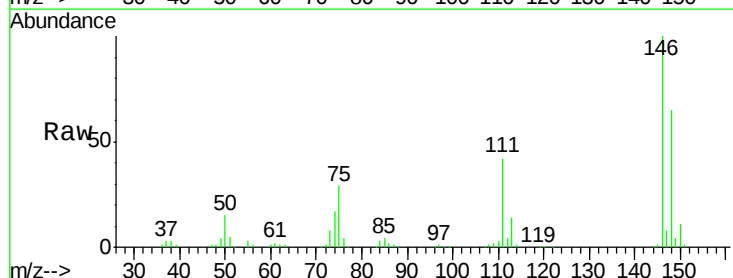
Tgt Ion: 146 Resp: 234487

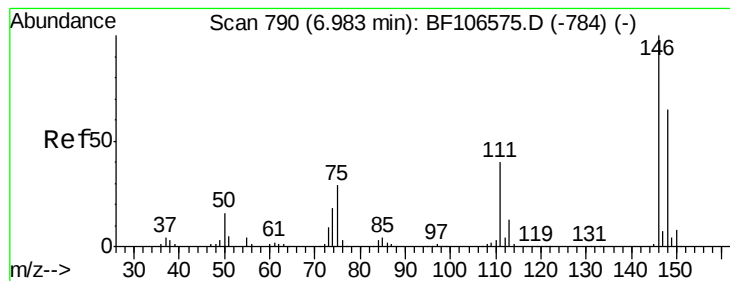
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

75 28.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 46.047 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

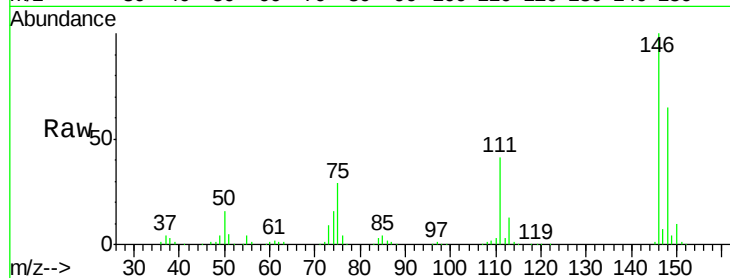
Tgt Ion:146 Resp: 234987

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

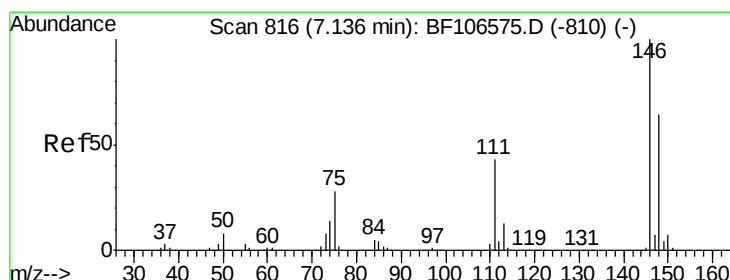
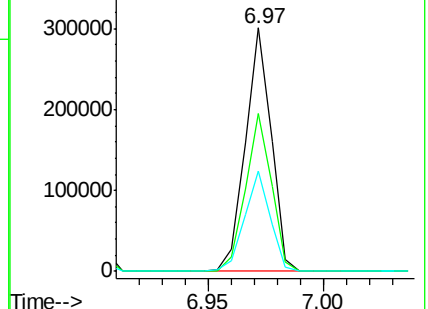
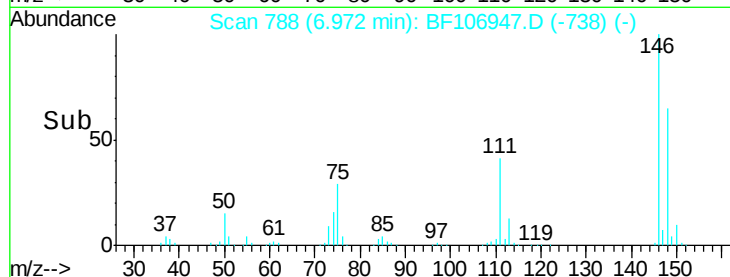
111 41.3 34.2 51.2



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: 46.412 ng

RT: 7.12 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

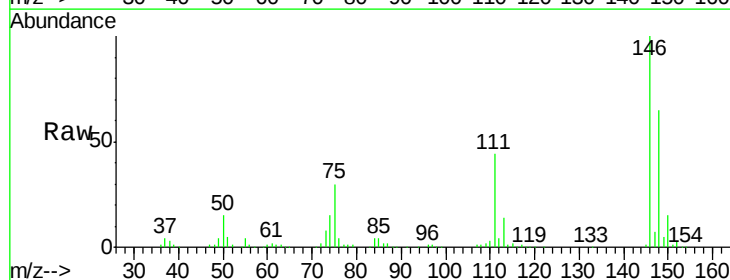
Tgt Ion:146 Resp: 217062

Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

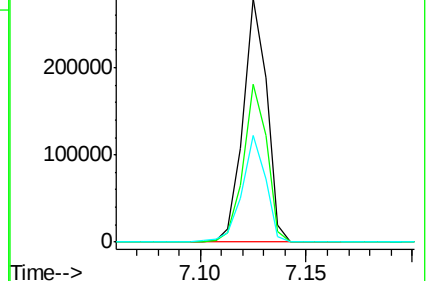
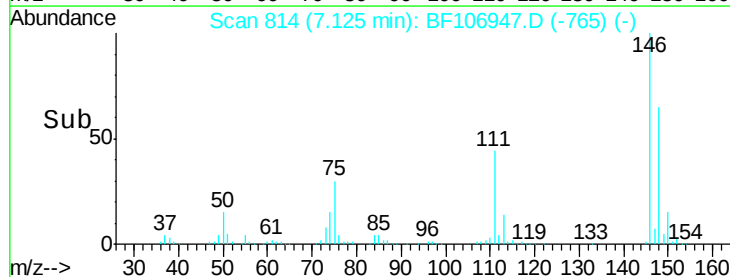
111 43.8 36.0 54.0

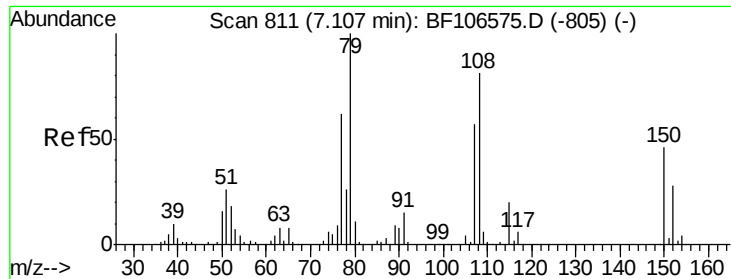


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

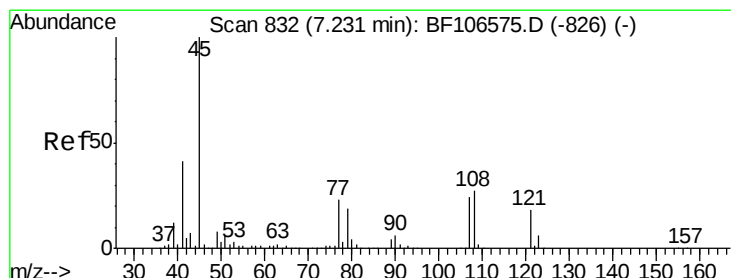
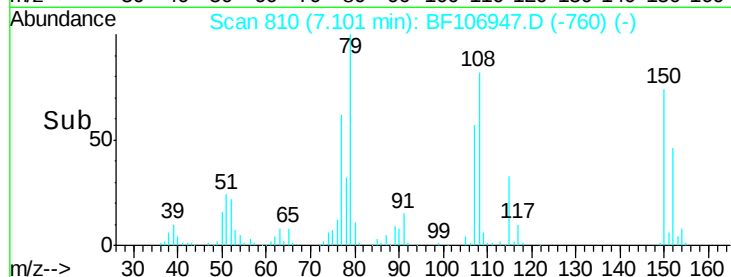
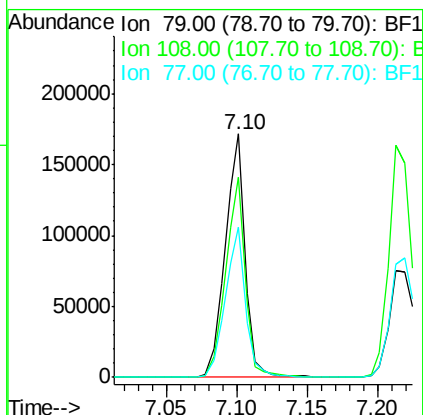
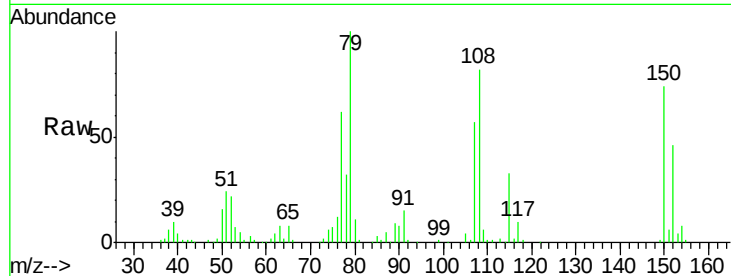




#15
Benzyl Alcohol
Concen: 42.589 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

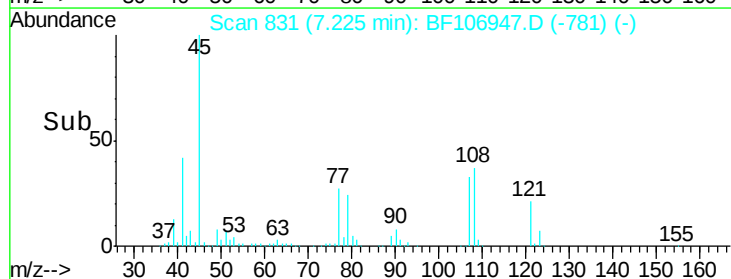
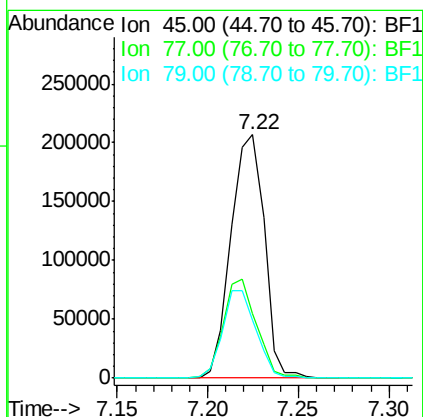
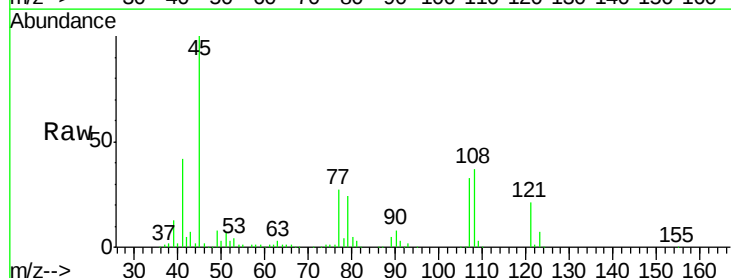
Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

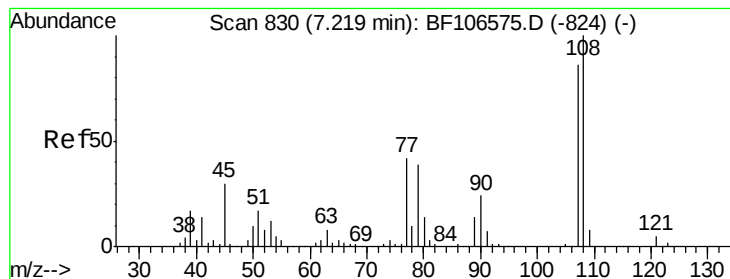
Tgt Ion: 79 Resp: 167806
Ion Ratio Lower Upper
79 100
108 82.0 65.1 97.7
77 61.6 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.725 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion: 45 Resp: 265221
Ion Ratio Lower Upper
45 100
77 26.6 0.0 32.9
79 23.9 0.0 29.6





#17

2-Methylphenol

Concen: 44.188 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

Tgt Ion:107 Resp: 162972

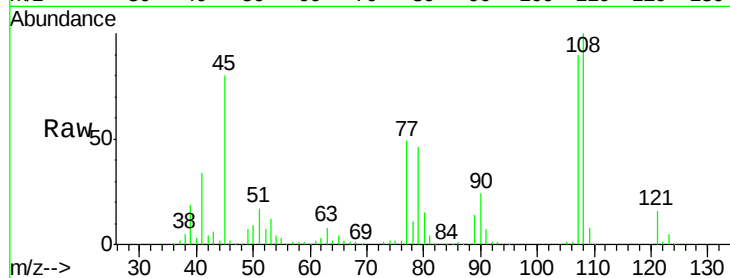
Ion Ratio Lower Upper

107 100

108 111.4 91.7 137.5

77 54.1 33.8 50.8#

79 50.8 33.8 50.8#

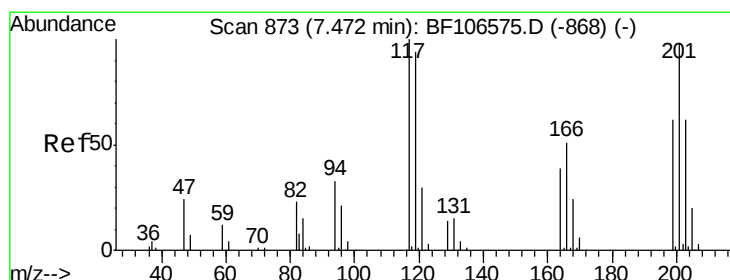
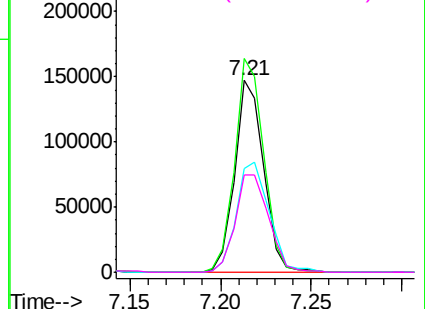
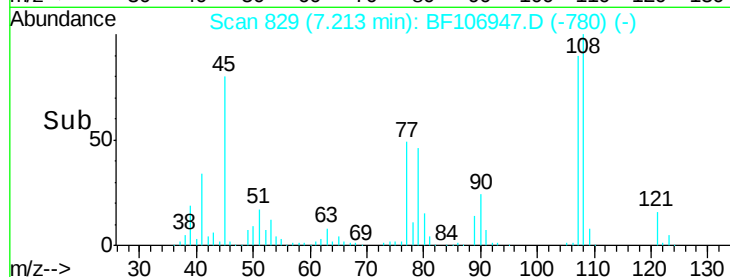


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.181 ng

RT: 7.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

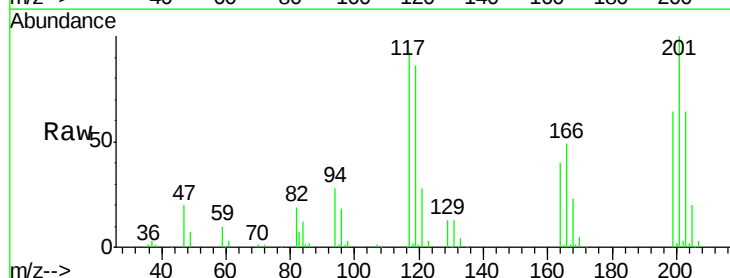
Tgt Ion:117 Resp: 72108

Ion Ratio Lower Upper

117 100

119 93.8 75.8 113.8

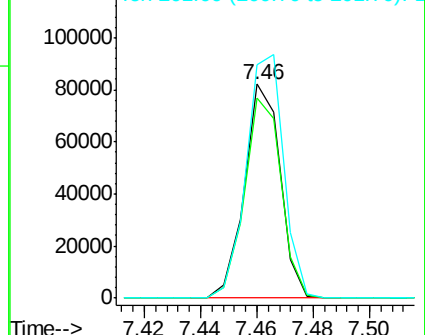
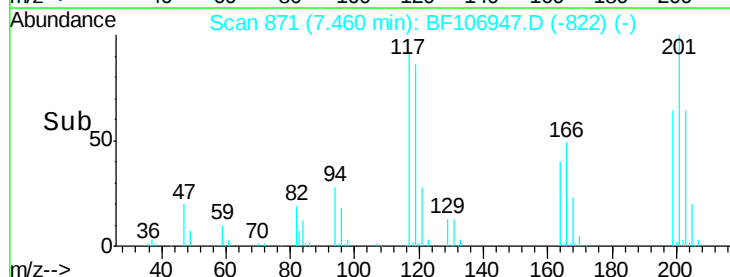
201 109.2 75.7 113.5

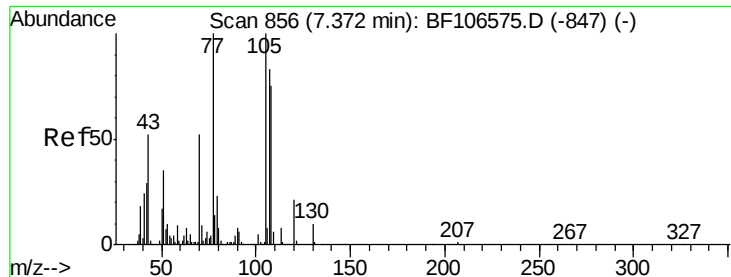


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

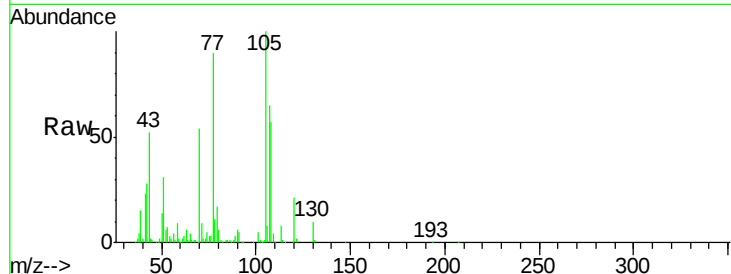




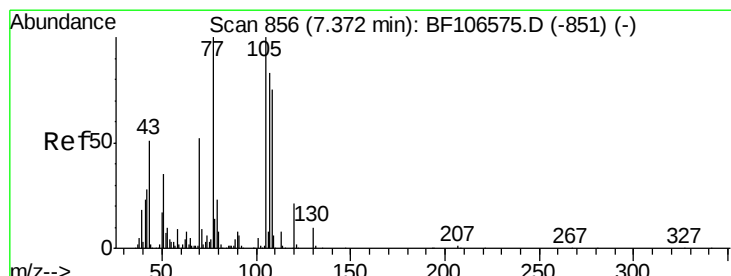
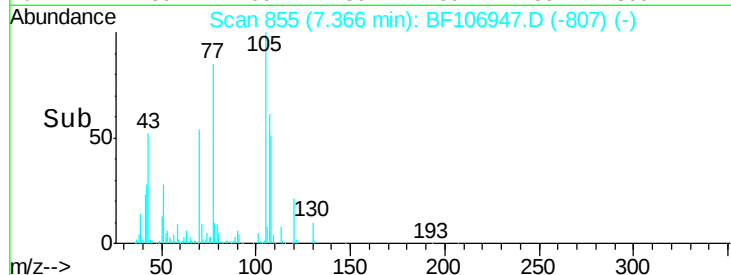
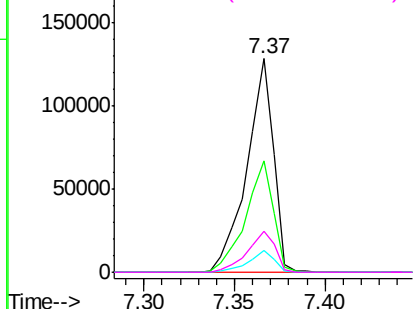
#19
n-Nitroso-di-n-propylamine
Concen: 40.488 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tgt Ion:	70	Resp:	130960
Ion	Ratio	Lower	Upper
70	100		
42	52.3	47.5	71.3
101	10.0	7.4	11.2
130	19.3	16.6	25.0

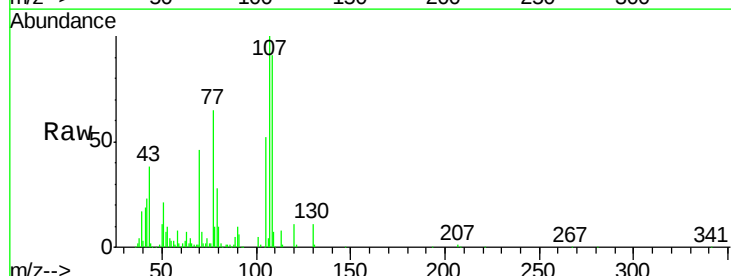


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

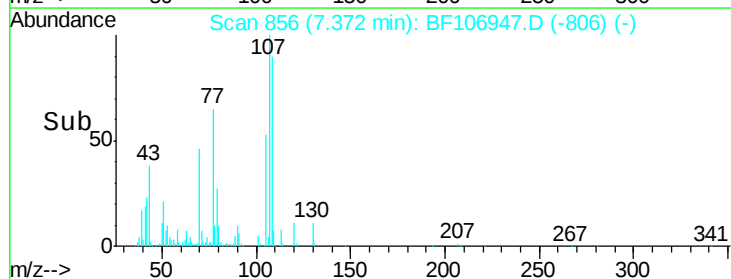
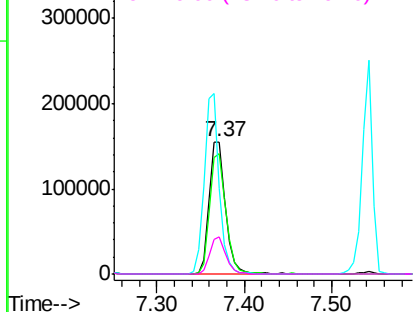


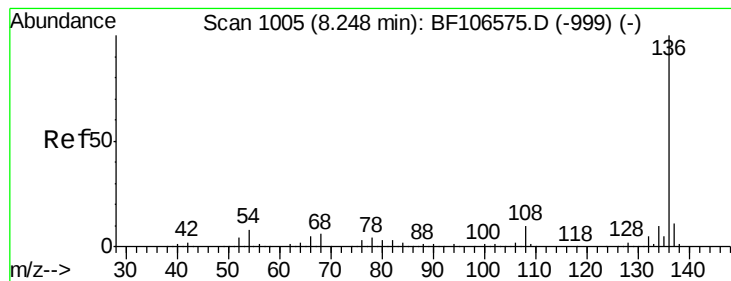
#20
3+4-Methylphenols
Concen: 53.923 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion:	107	Resp:	202850
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	65.1	26.7	66.7
79	27.9	6.3	46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

Tgt Ion:136 Resp: 228297

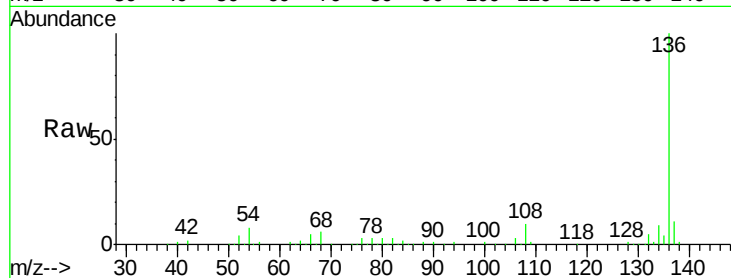
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.1 6.6 9.8

68 5.9 5.0 7.4

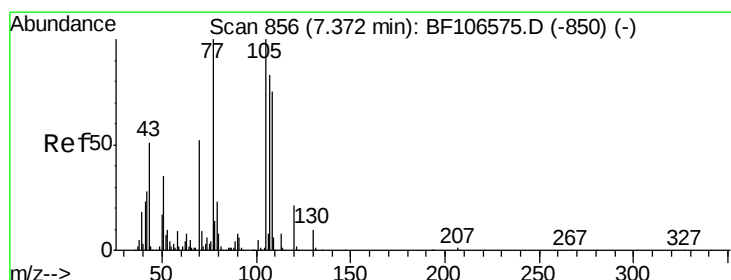
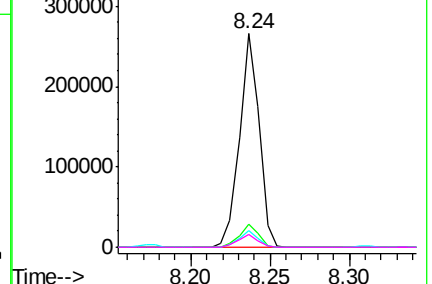
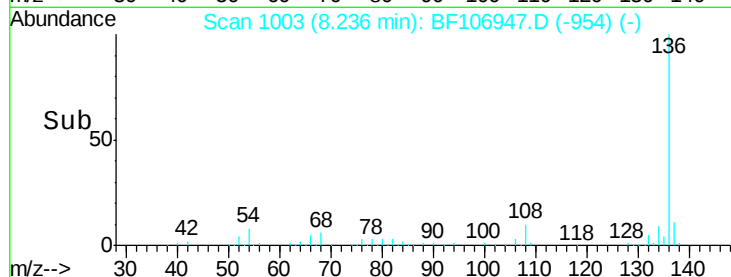


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 51.390 ng

RT: 7.36 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion:105 Resp: 262480

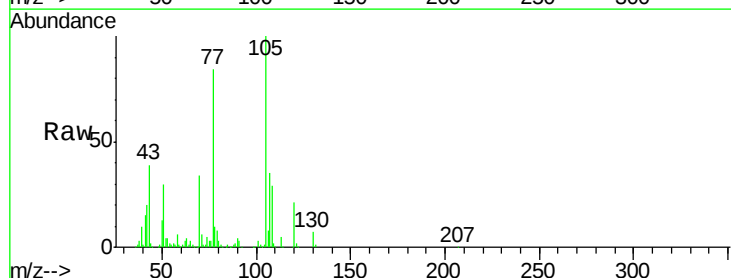
Ion Ratio Lower Upper

105 100

71 6.0 4.4 6.6

51 30.3 22.3 33.5

120 21.1 16.9 25.3

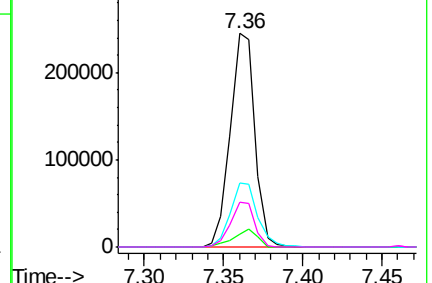
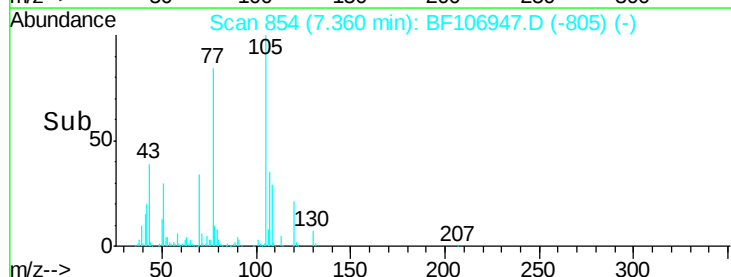


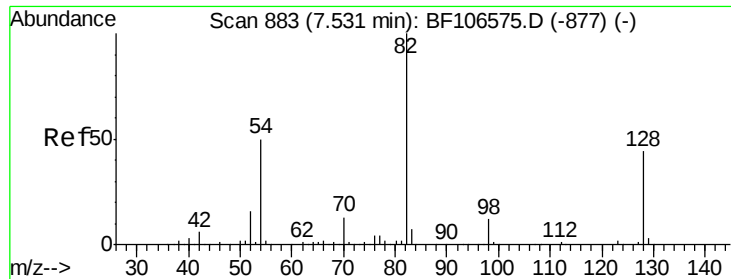
Abundance Ion 105.00 (104.70 to 105.70): E

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

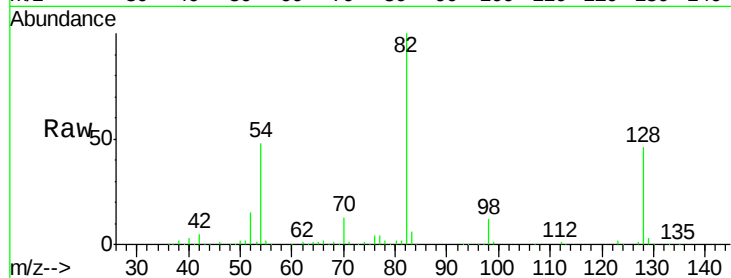




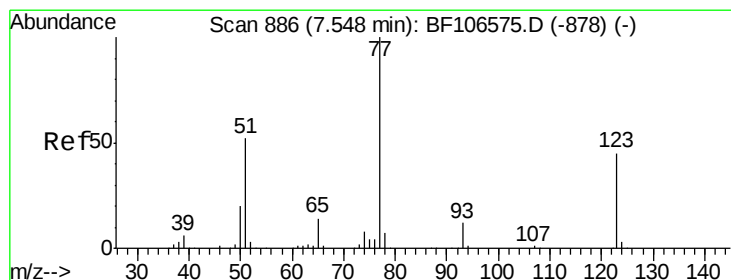
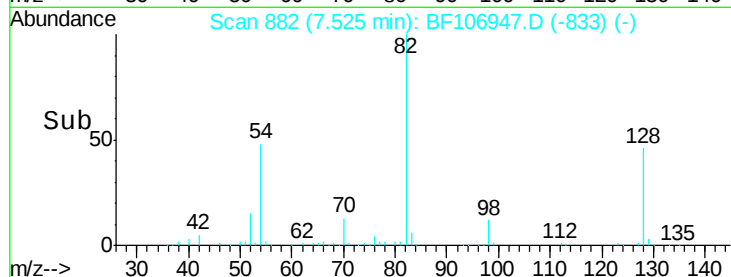
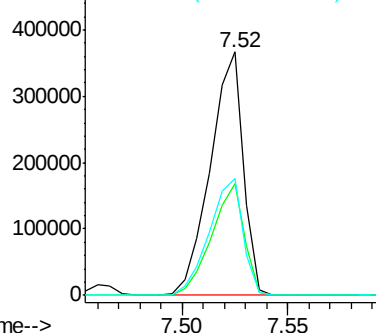
#23
 Nitrobenzene-d5
 Concen: 96.823 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	47.8	41.4	62.2

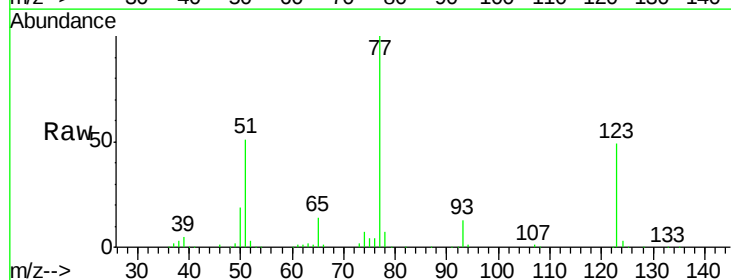


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

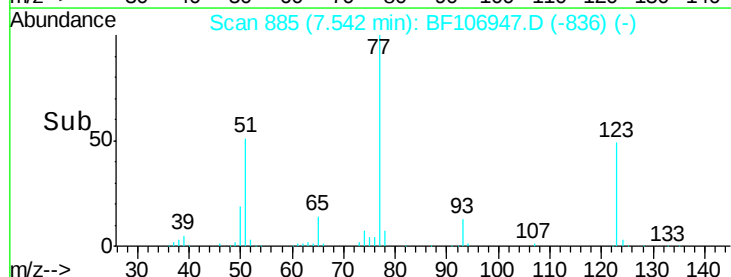
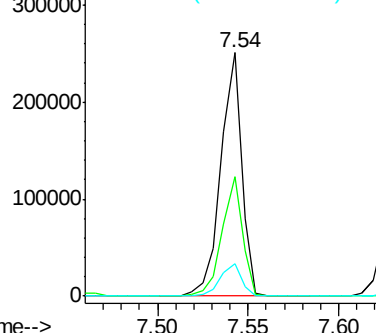


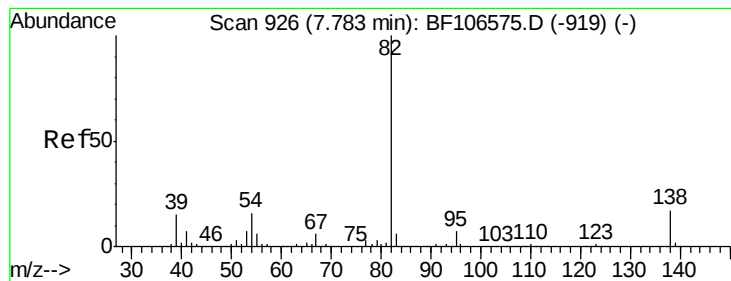
#24
 Nitrobenzene
 Concen: 48.349 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	37.9	56.9
65	13.5	11.0	16.4



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





#25

Isophorone

Concen: 49.309 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

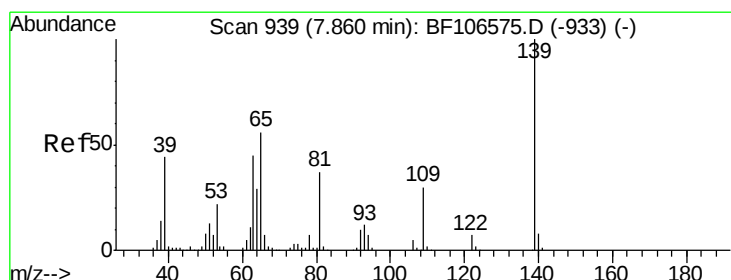
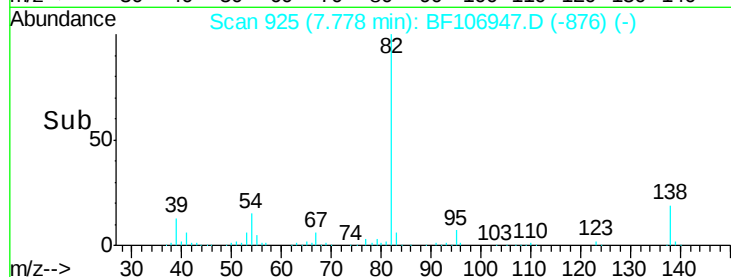
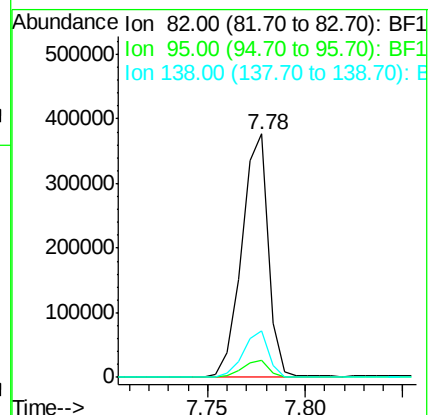
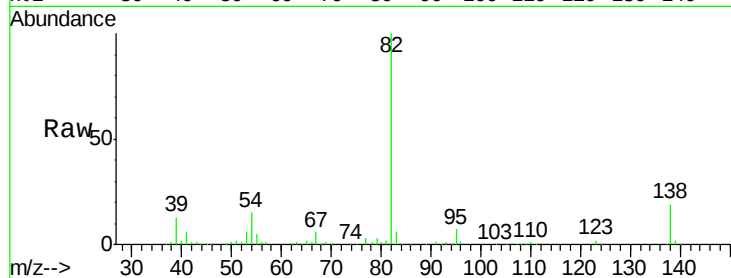
Tgt Ion: 82 Resp: 356946

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 19.2 14.9 22.3



#26

2-Nitrophenol

Concen: 21.231 ng

RT: 7.85 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

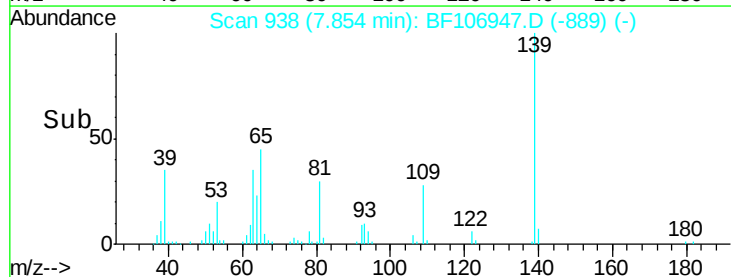
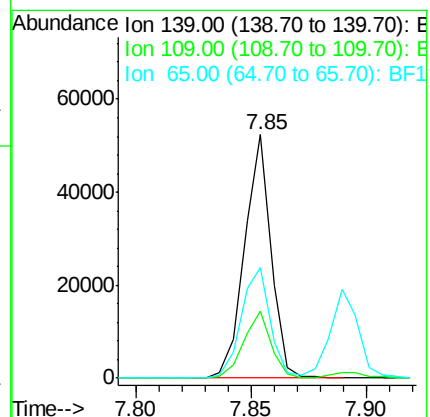
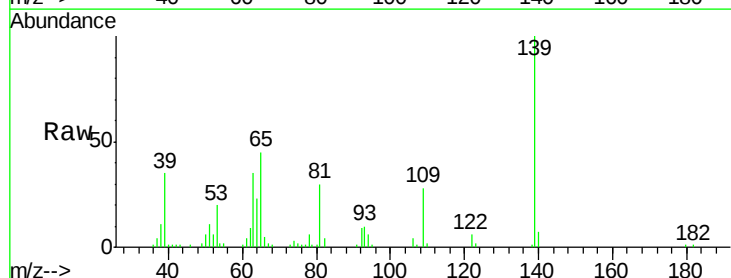
Tgt Ion: 139 Resp: 42036

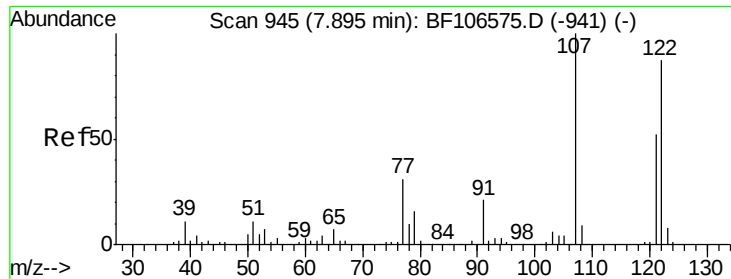
Ion Ratio Lower Upper

139 100

109 27.7 22.7 34.1

65 45.4 40.5 60.7

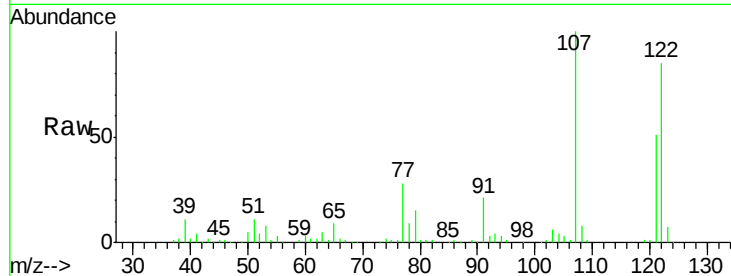




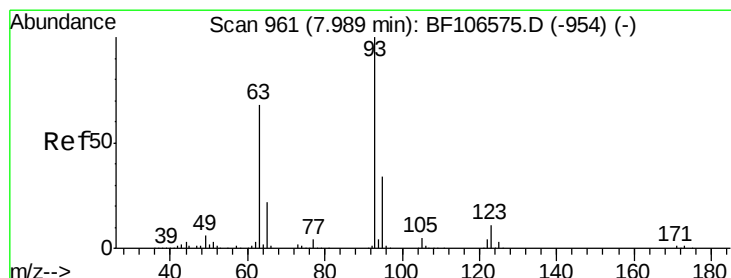
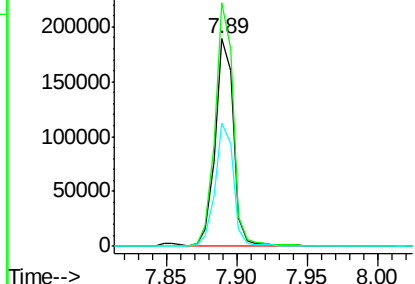
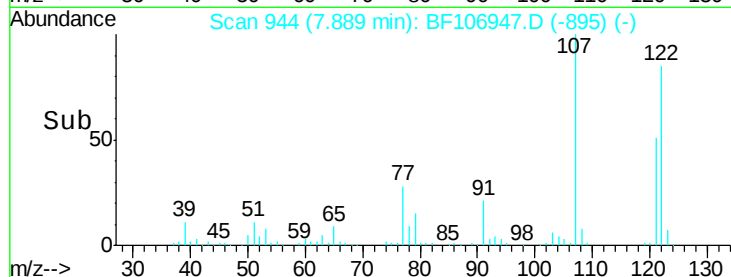
#27
 2,4-Dimethylphenol
 Concen: 56.233 ng
 RT: 7.89 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

Tgt Ion:122 Resp: 172086
 Ion Ratio Lower Upper
 122 100
 107 117.4 91.2 136.8
 121 59.7 47.2 70.8

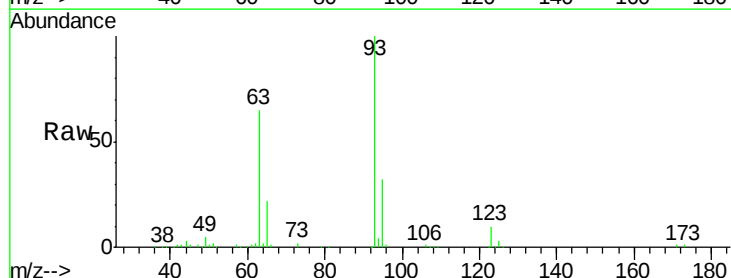


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

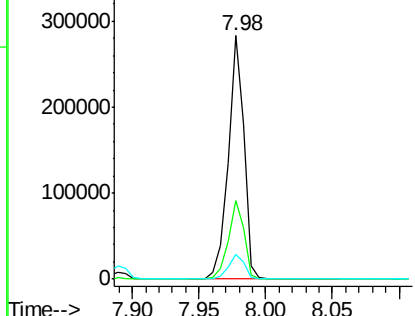
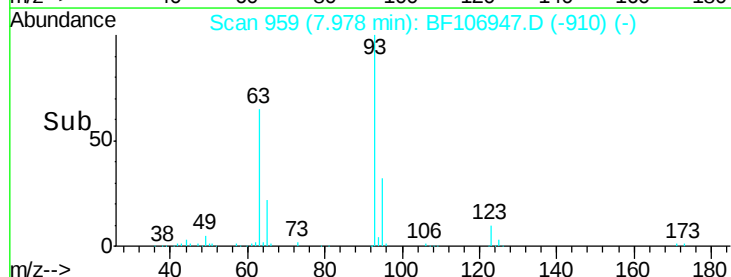


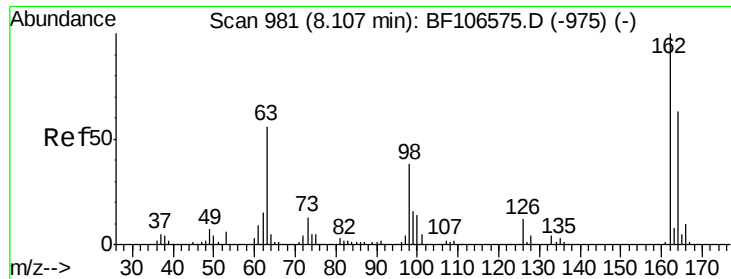
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.644 ng
 RT: 7.98 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion: 93 Resp: 236429
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.3 39.5
 123 10.3 9.8 14.6



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

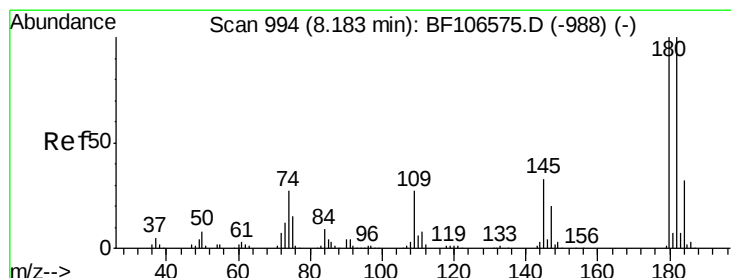
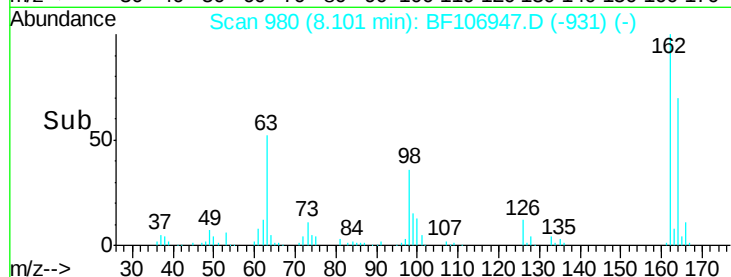
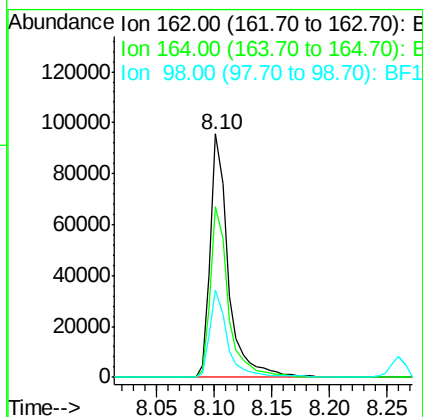
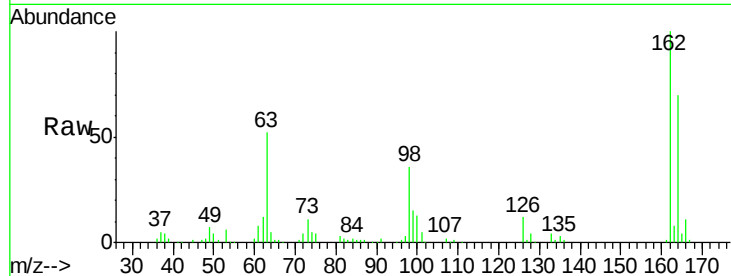




#29
2,4-Dichlorophenol
Concen: 32.483 ng
RT: 8.10 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

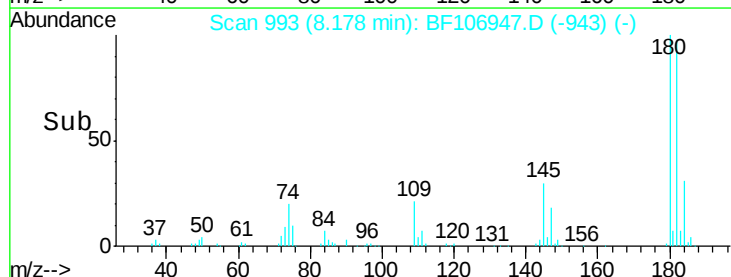
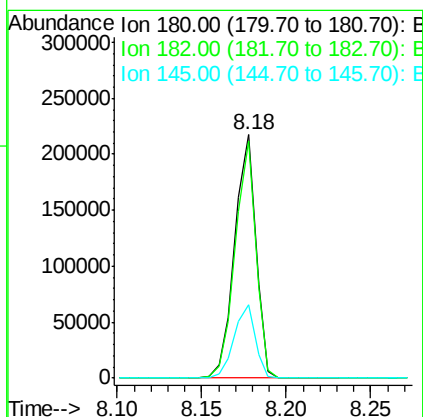
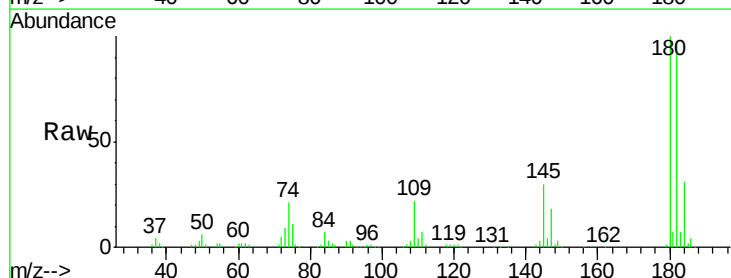
Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

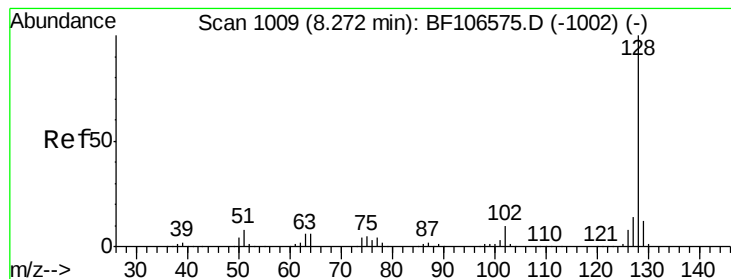
Tgt Ion:162 Resp: 104073
Ion Ratio Lower Upper
162 100
164 70.1 42.7 82.7
98 35.8 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 53.783 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion:180 Resp: 189825
Ion Ratio Lower Upper
180 100
182 97.5 76.8 115.2
145 30.2 26.5 39.7





#31

Naphthalene

Concen: 50.215 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

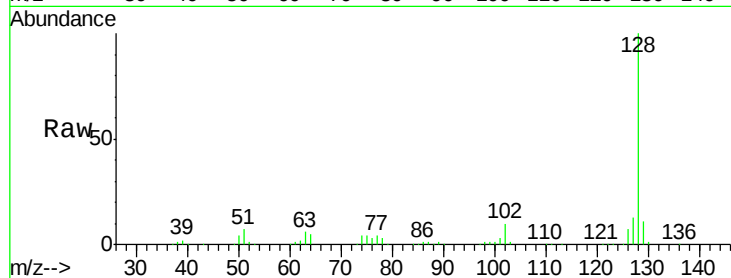
Tgt Ion:128 Resp: 535975

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

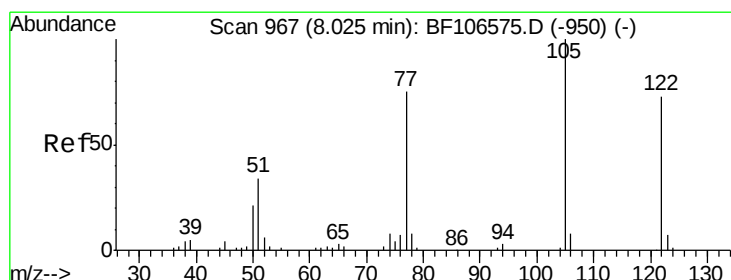
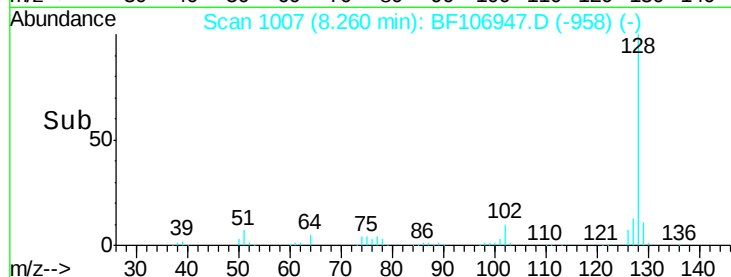
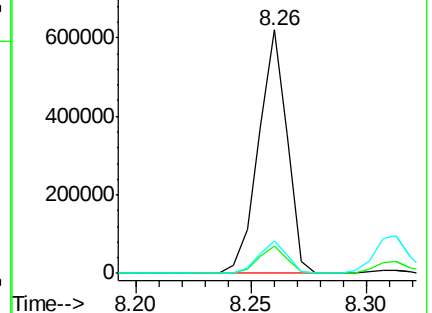
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 73.808 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.15 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

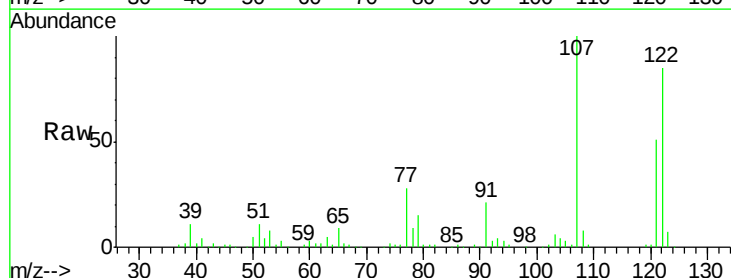
Tgt Ion:122 Resp: 172086

Ion Ratio Lower Upper

122 100

105 4.0 101.1 141.1#

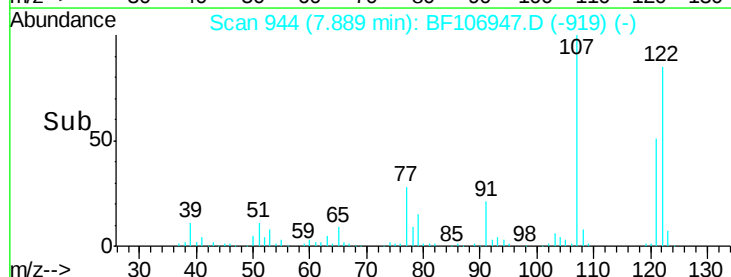
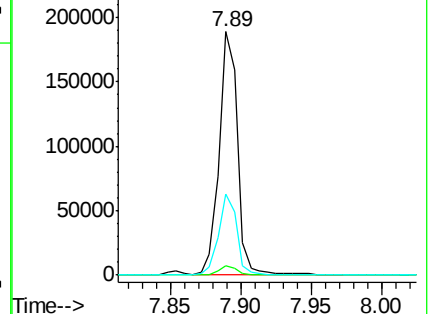
77 33.1 70.7 110.7#

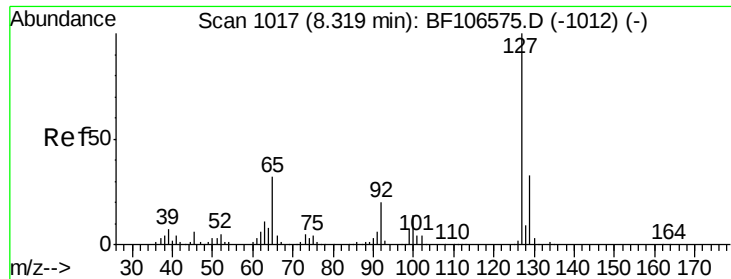


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

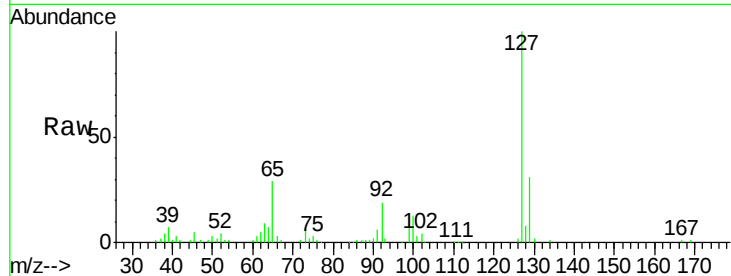




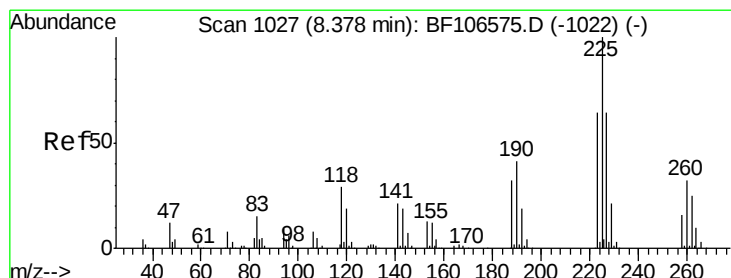
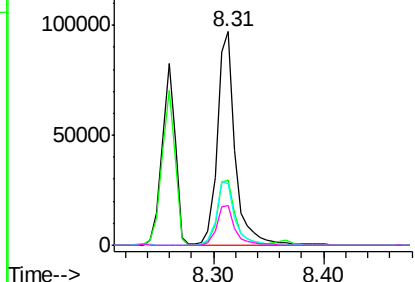
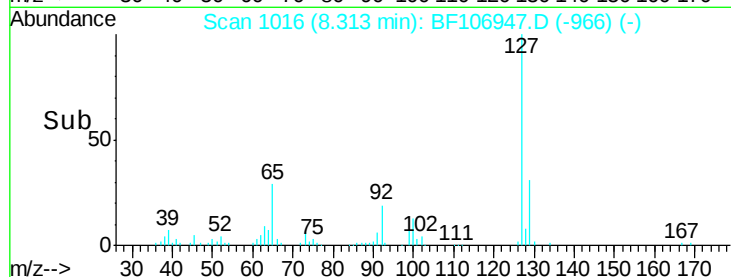
#33
4-Chloroaniline
Concen: 24.319 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampled :
S39-9005MSD

Tgt Ion:	127	Resp:	108913
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	29.1	25.0	37.4
92	18.9	15.2	22.8

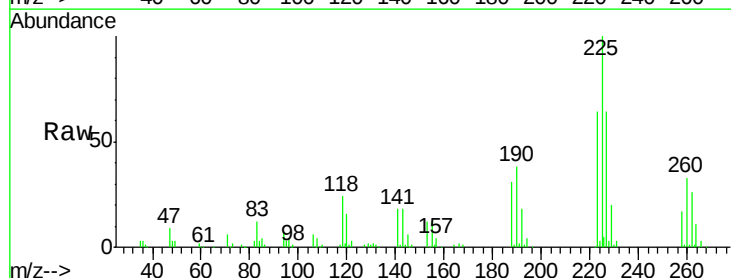


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

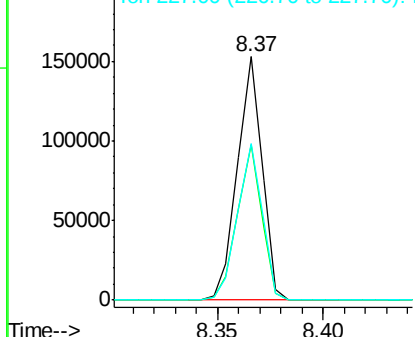
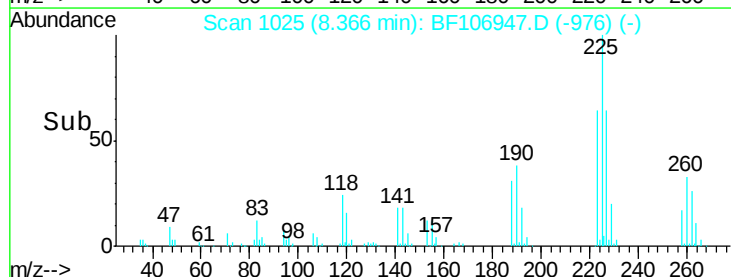


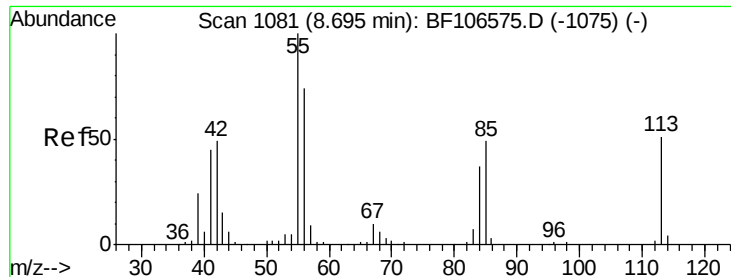
#34
Hexachlorobutadiene
Concen: 53.896 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion:	225	Resp:	123948
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.2	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

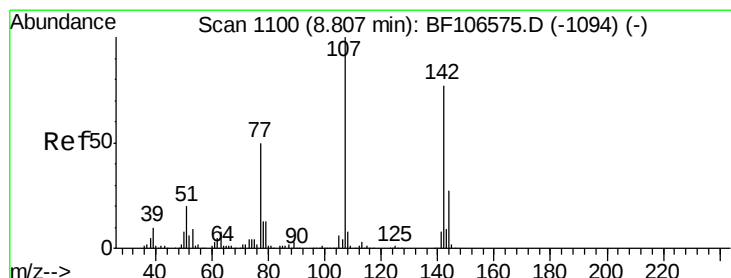
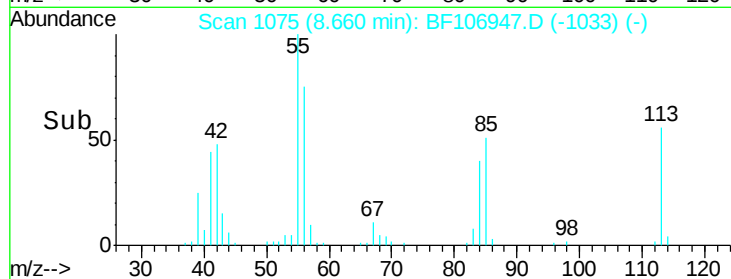
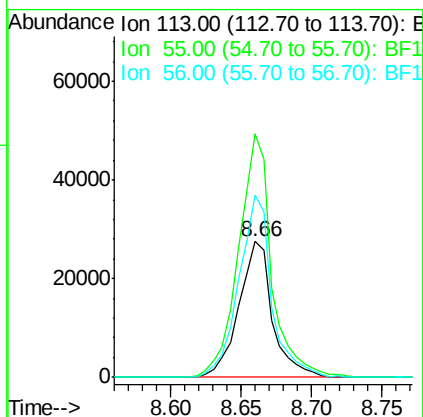
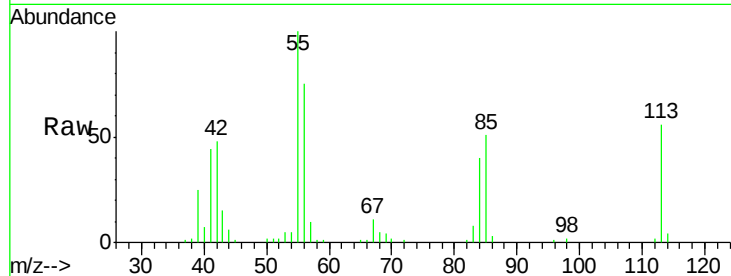




#35
 Caprolactam
 Concen: 43.853 ng
 RT: 8.66 min Scan# 1075
 Delta R.T. -0.05 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

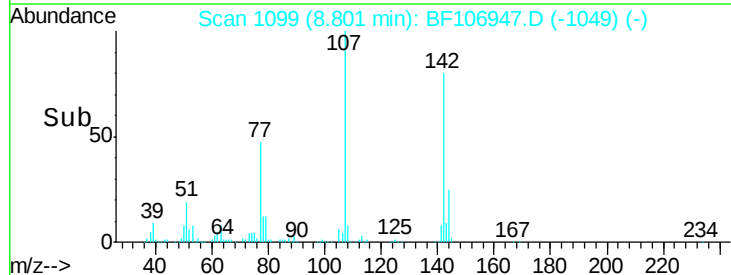
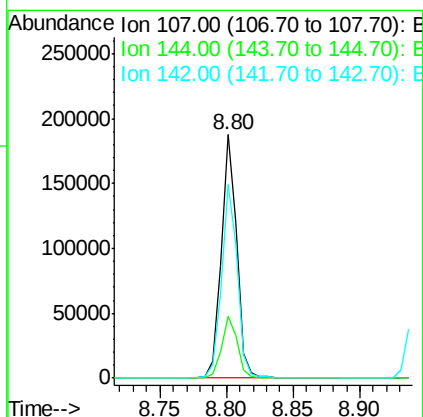
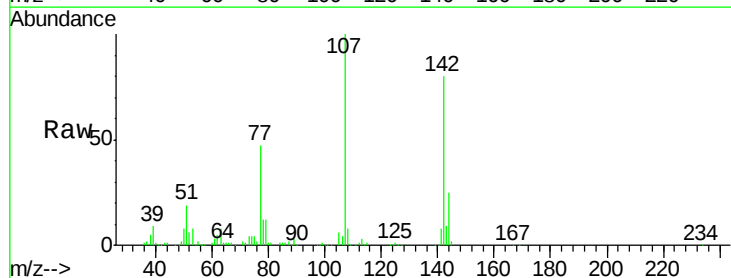
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

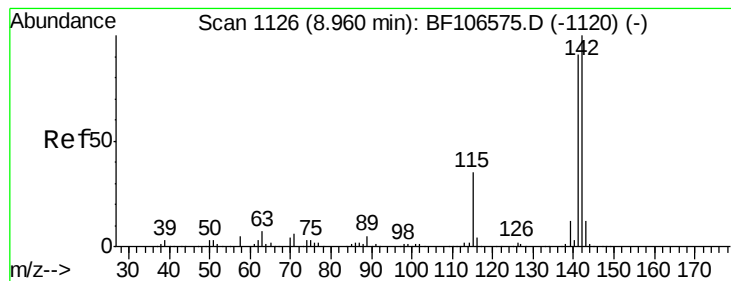
Tgt Ion:113 Resp: 45799
 Ion Ratio Lower Upper
 113 100
 55 179.3 163.3 203.3
 56 134.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.712 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion:107 Resp: 154156
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 79.7 62.0 93.0

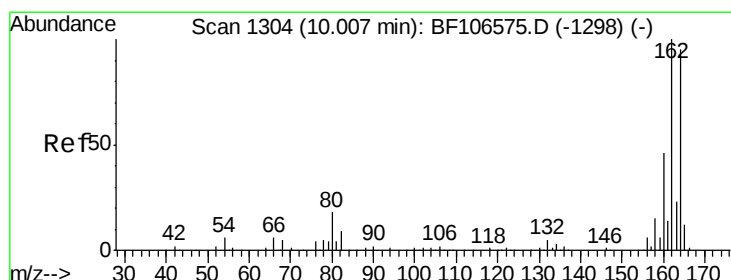
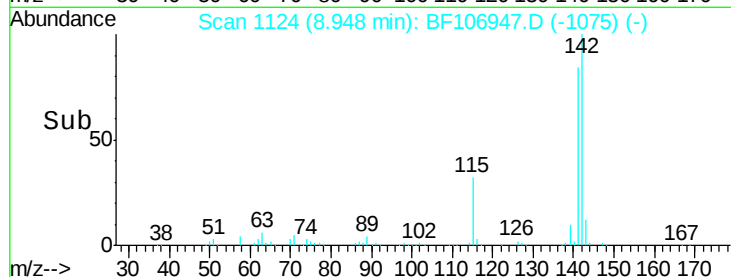
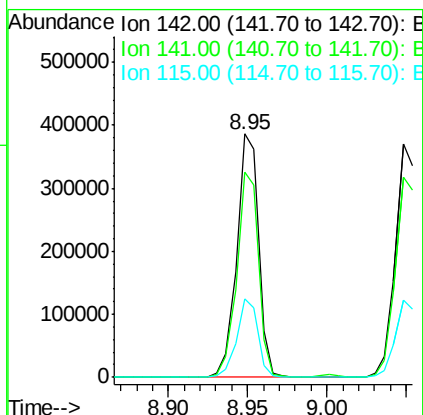
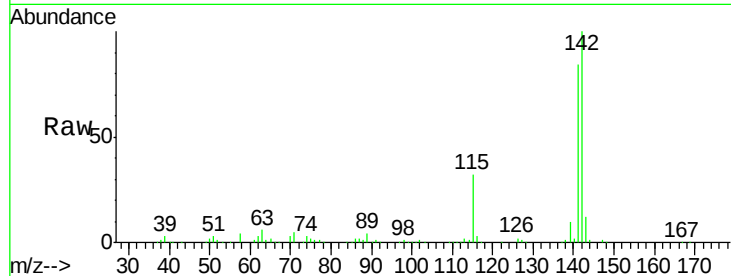




#37
2-Methylnaphthalene
Concen: 52.155 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

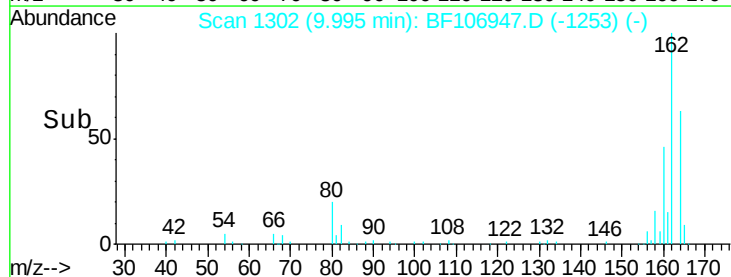
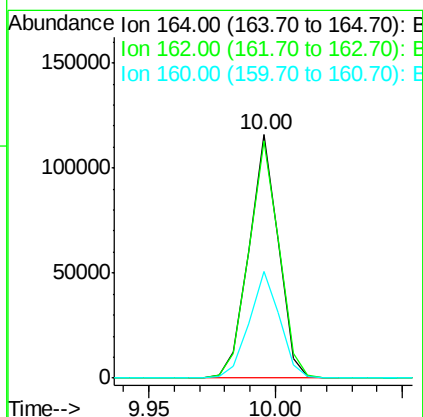
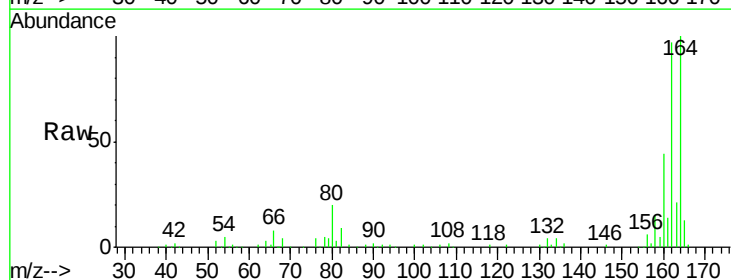
Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

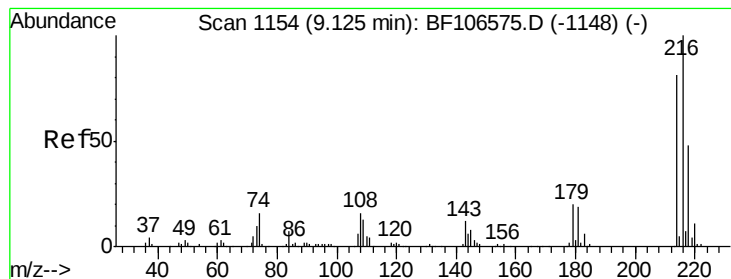
Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.1	70.8	106.2
115	32.1	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.2	86.1	129.1
160	43.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 60.207 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

Tgt Ion:216 Resp: 190160

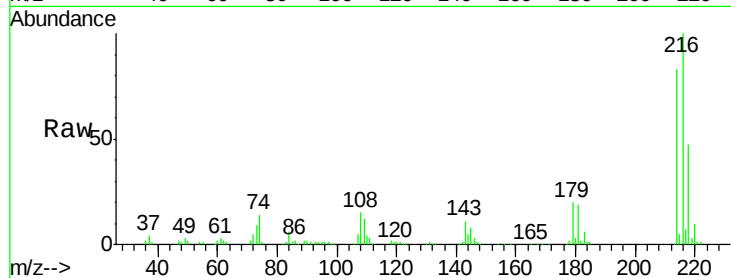
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 19.3 18.1 27.1

108 13.9 17.2 25.8#

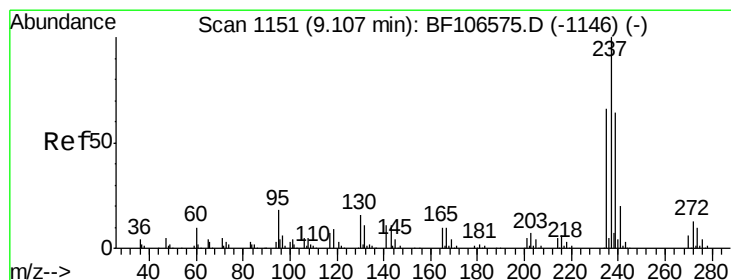
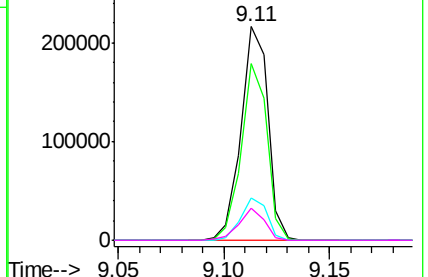
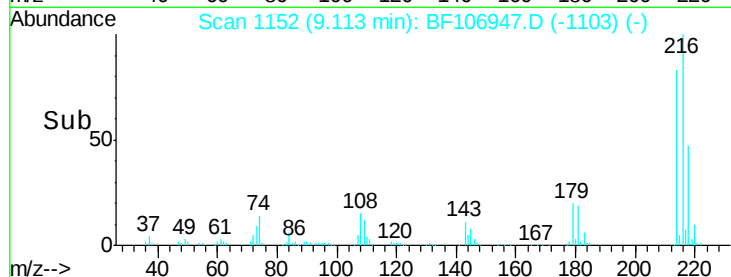


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 11.802 ng

RT: 9.10 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

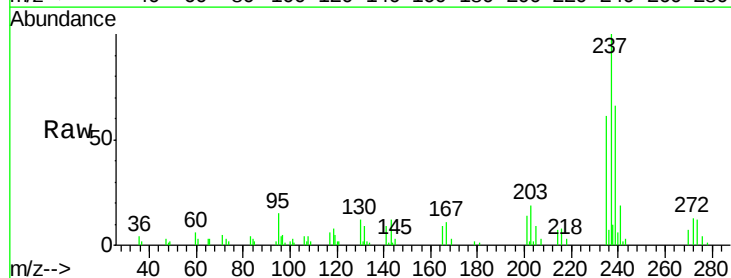
Tgt Ion:237 Resp: 19179

Ion Ratio Lower Upper

237 100

235 61.3 44.8 84.8

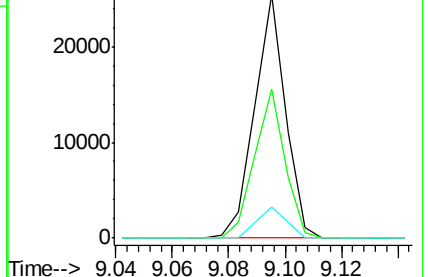
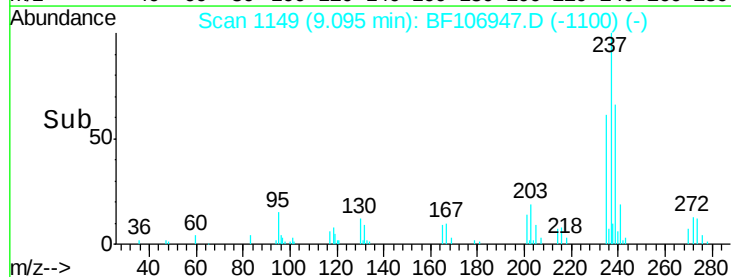
272 13.0 0.0 33.3

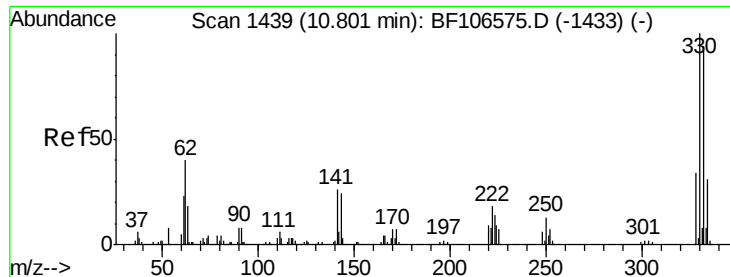


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

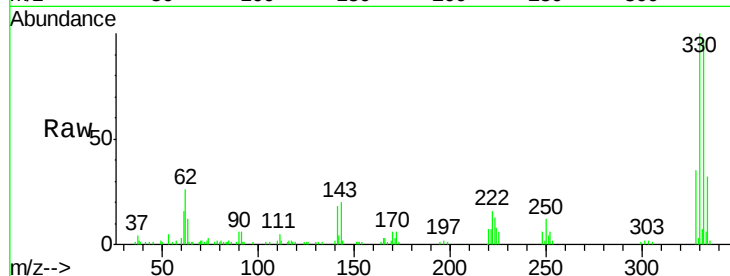




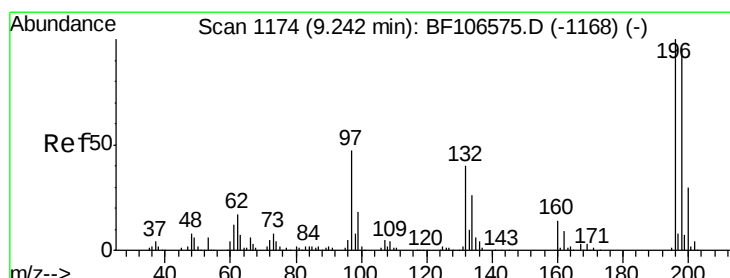
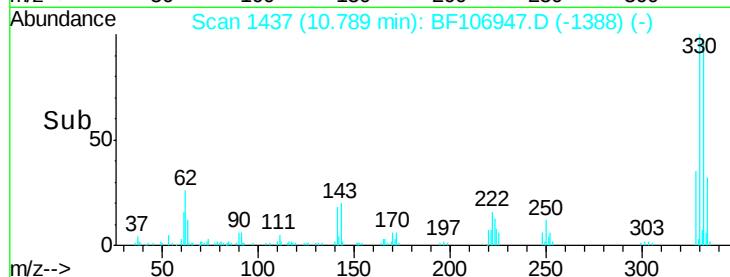
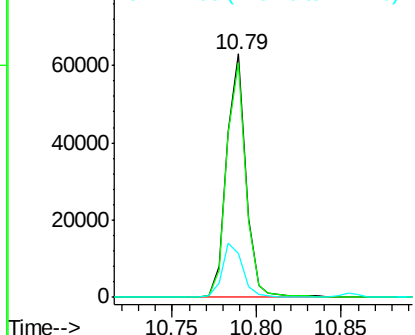
#41
 2,4,6-Tribromophenol
 Concen: 45.898 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

Tgt Ion:330 Resp: 49891
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 23.7 29.9 44.9#

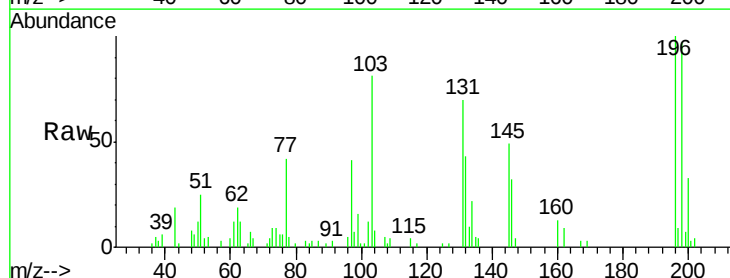


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

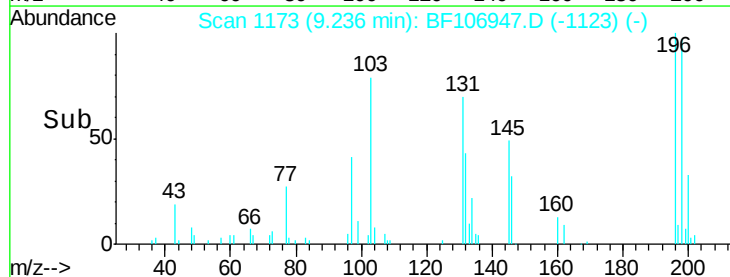
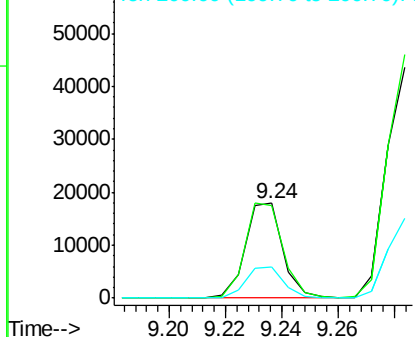


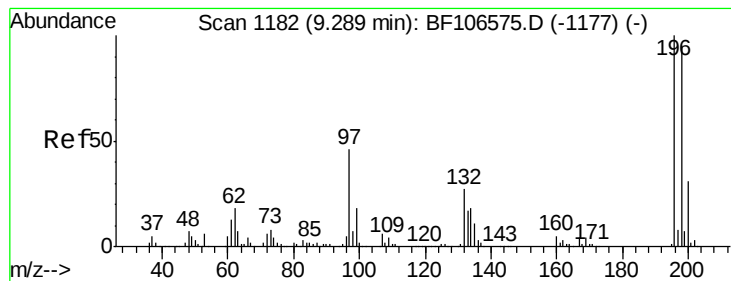
#42
 2,4,6-Trichlorophenol
 Concen: 7.857 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion:196 Resp: 16495
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 200 33.5 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: 18.299 ng

RT: 9.28 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

Tgt Ion:196 Resp: 40089

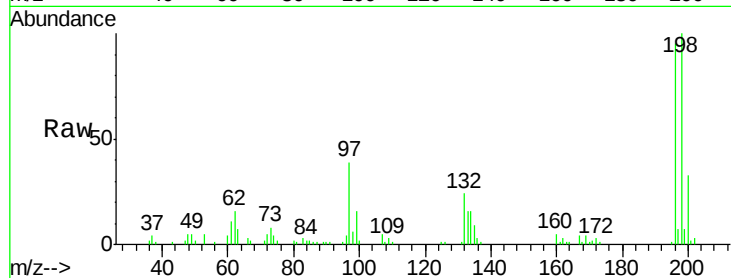
Ion Ratio Lower Upper

196 100

198 105.4 74.6 112.0

97 41.6 42.9 64.3#

132 25.8 26.3 39.5#

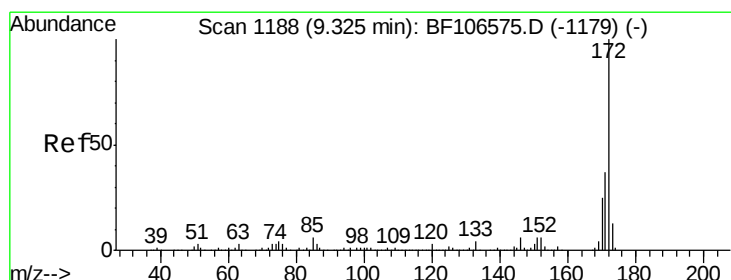
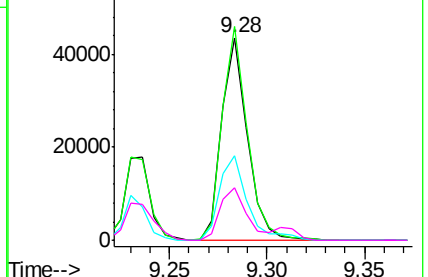
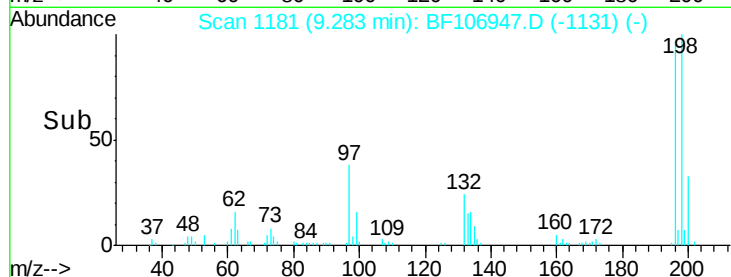


Abundance Ion 196.00 (195.70 to 196.70): E

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: 116.130 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

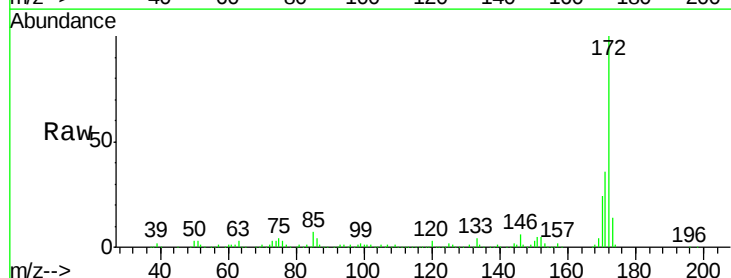
Tgt Ion:172 Resp: 613525

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

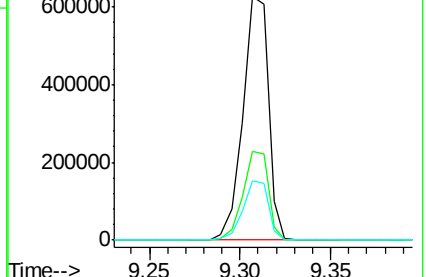
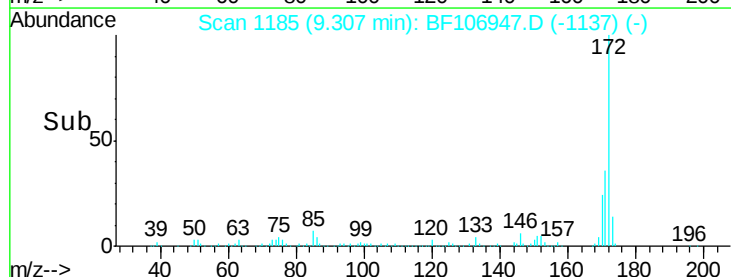
170 24.4 19.6 29.4

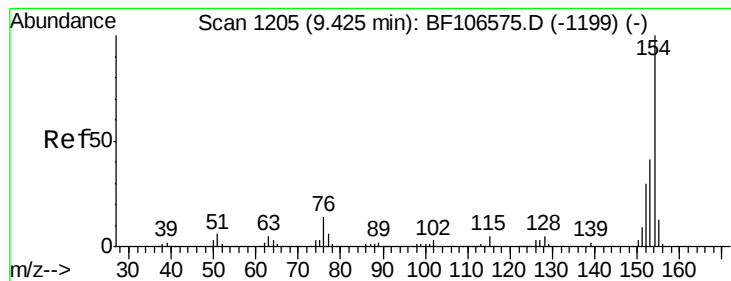


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 56.332 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

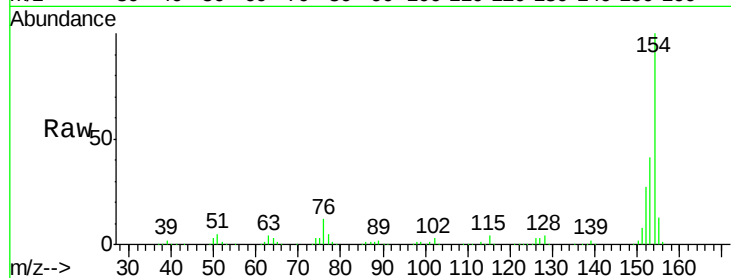
Tgt Ion:154 Resp: 421044

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

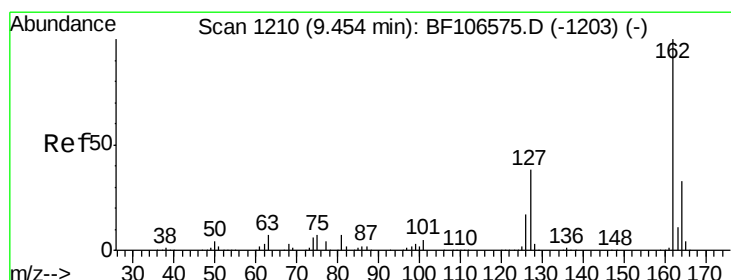
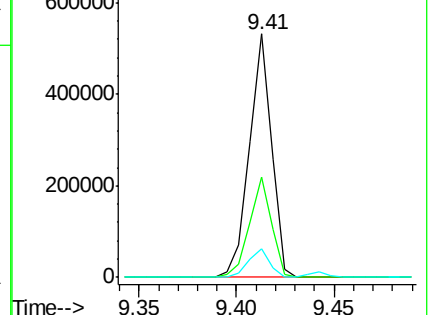
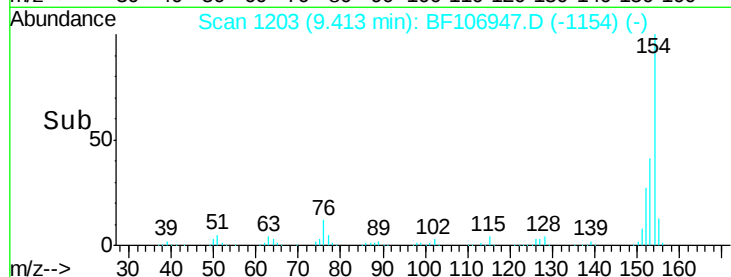
76 11.5 0.0 34.0



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: 51.499 ng

RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

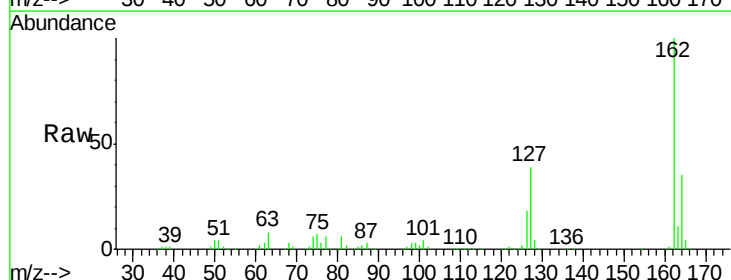
Tgt Ion:162 Resp: 302989

Ion Ratio Lower Upper

162 100

127 39.4 33.9 50.9

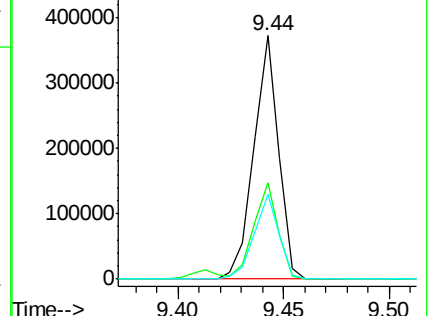
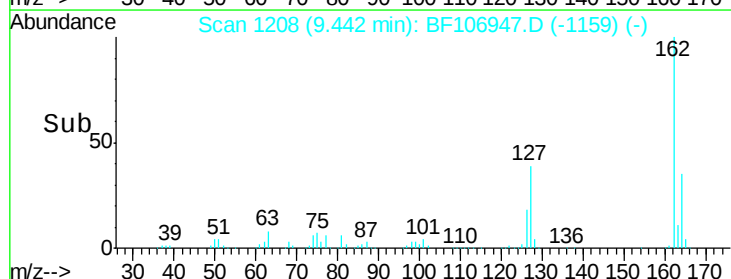
164 35.0 26.5 39.7

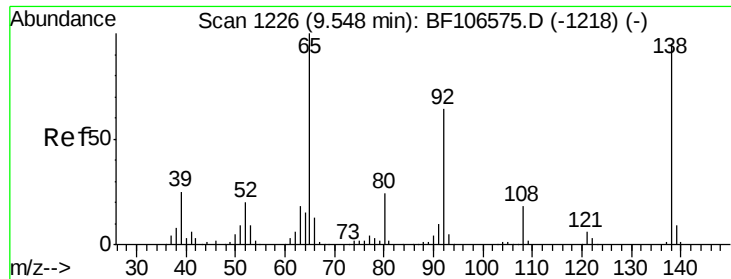


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

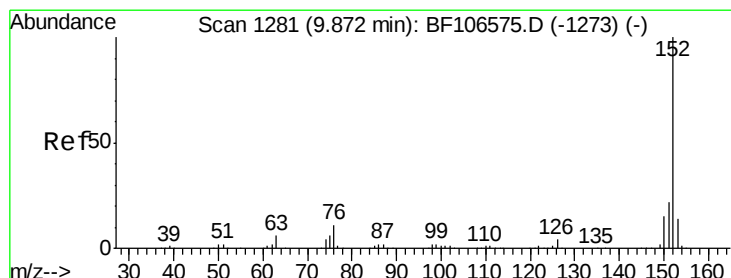
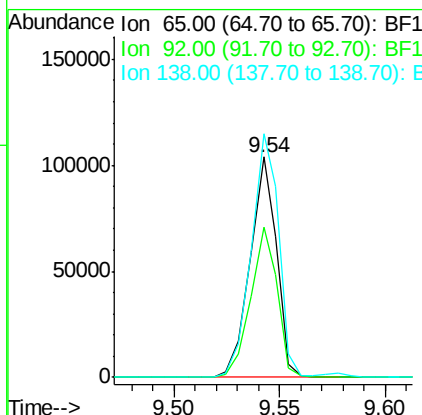
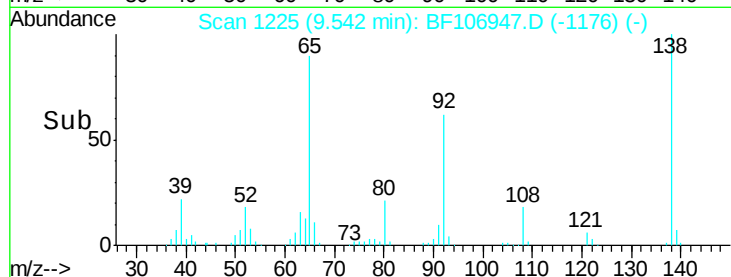
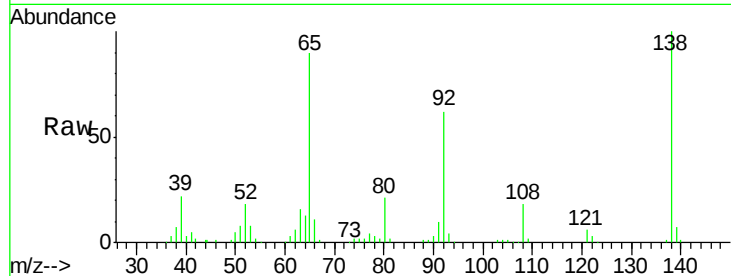




#47
 2-Nitroaniline
 Concen: 45.777 ng
 RT: 9.54 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

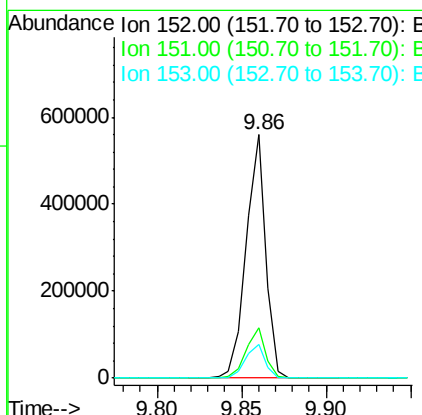
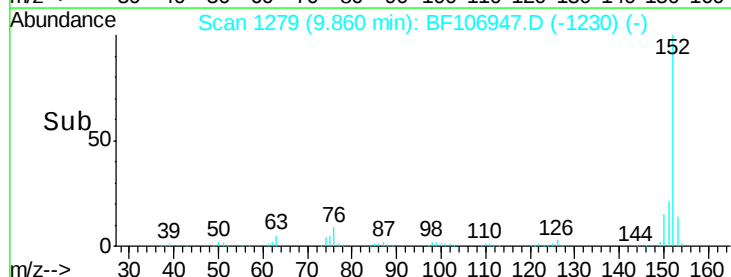
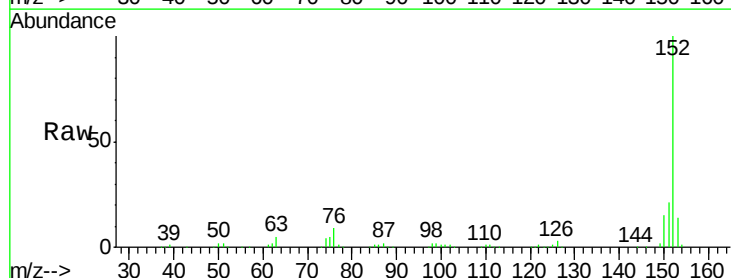
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

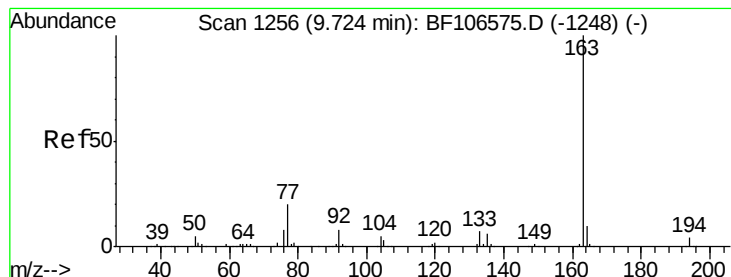
Tgt Ion: 65 Resp: 90564
 Ion Ratio Lower Upper
 65 100
 92 68.2 55.8 83.6
 138 110.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 48.792 ng
 RT: 9.86 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion: 152 Resp: 453206
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.3 24.5
 153 13.9 10.7 16.1





#49

Dimethylphthalate

Concen: 60.730 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

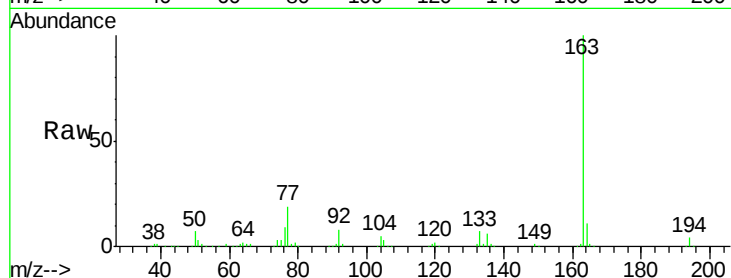
Tgt Ion:163 Resp: 427181

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

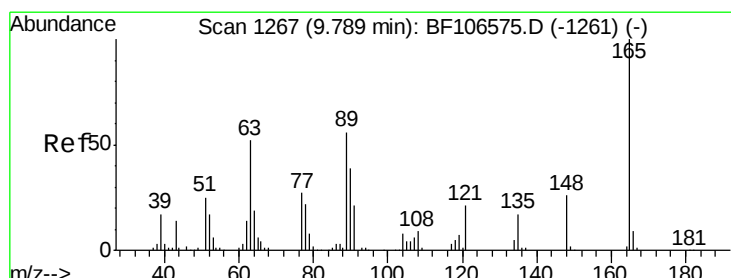
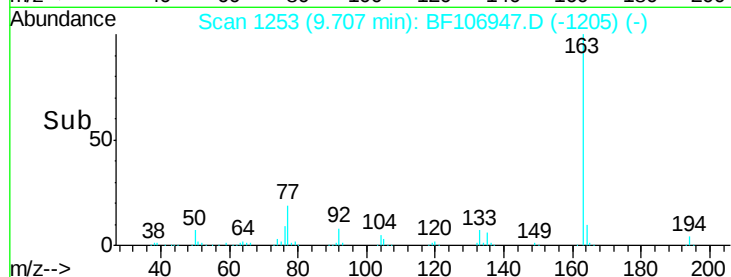
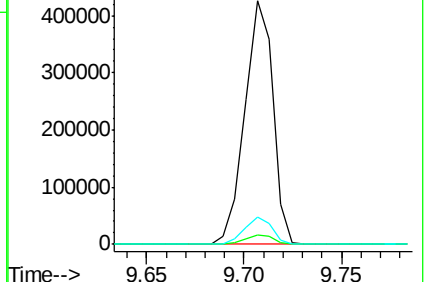
164 11.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.441 ng

RT: 9.78 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

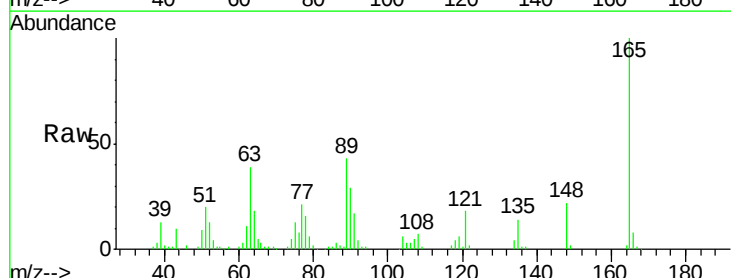
Tgt Ion:165 Resp: 76621

Ion Ratio Lower Upper

165 100

63 39.4 44.7 67.1#

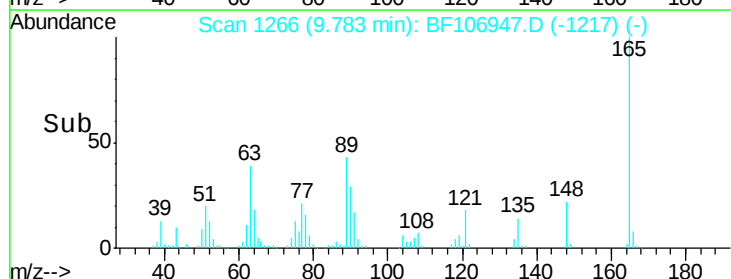
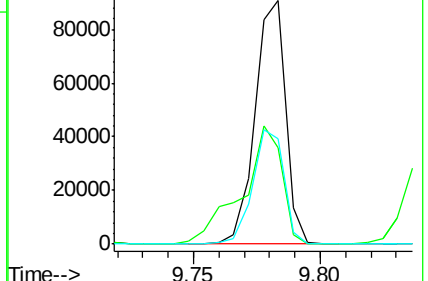
89 43.1 44.0 66.0#

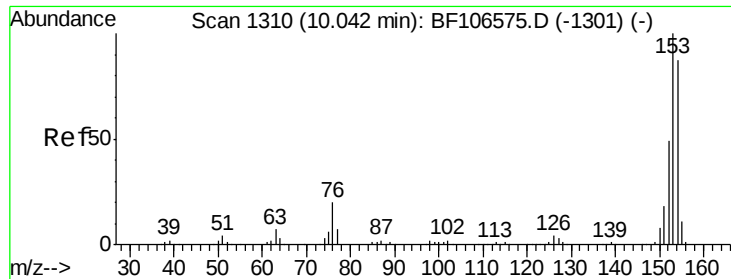


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 46.206 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

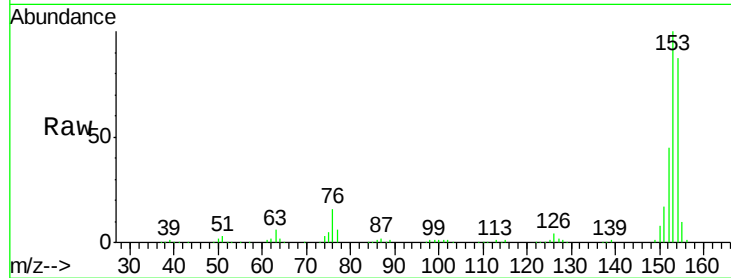
Tgt Ion:154 Resp: 270265

Ion Ratio Lower Upper

154 100

153 115.1 91.2 136.8

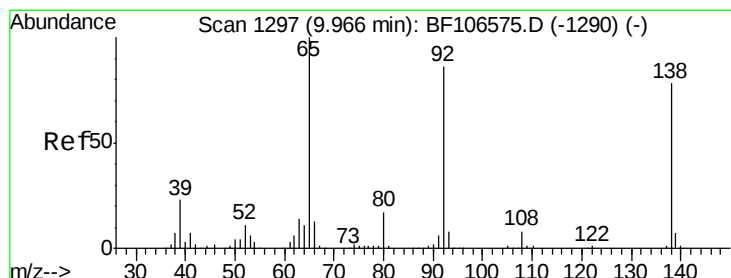
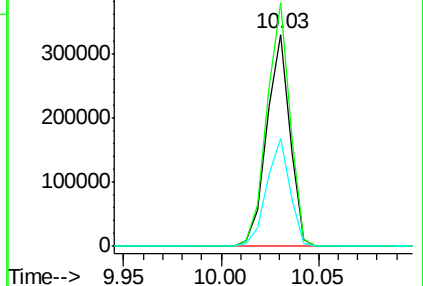
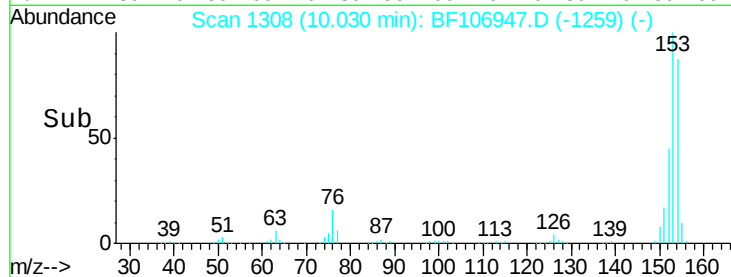
152 51.3 43.8 65.8



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: 41.475 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

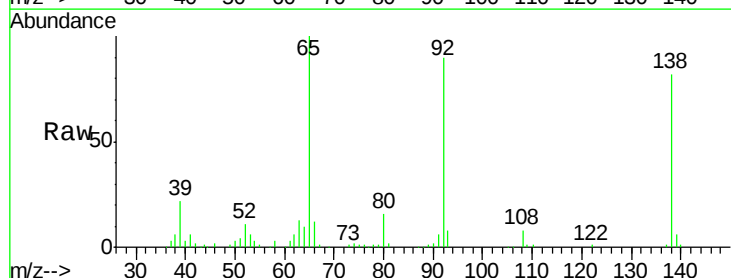
Tgt Ion:138 Resp: 71088

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

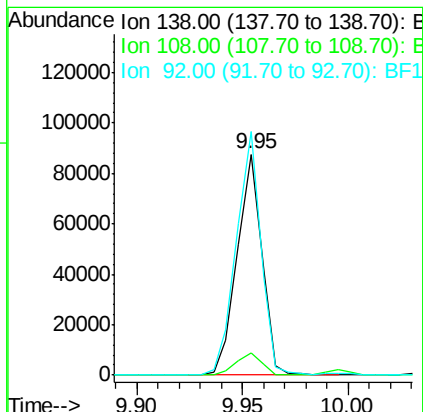
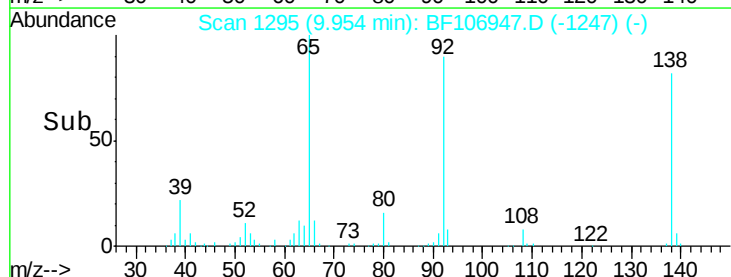
92 110.1 89.4 134.2

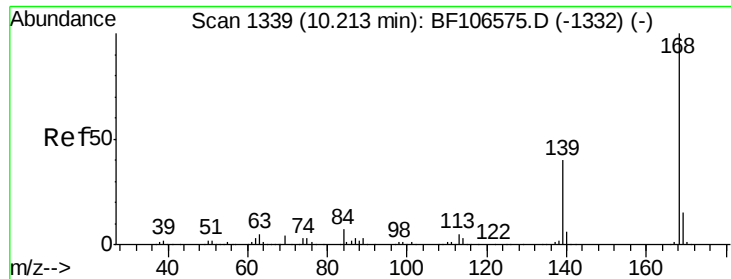


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzenofuran

Concen: 51.468 ng

RT: 10.20 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

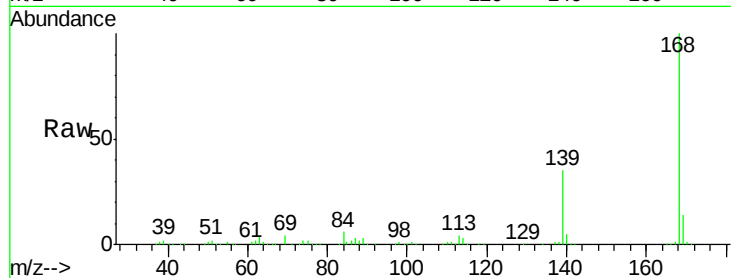
Tgt Ion:168 Resp: 412224

Ion Ratio Lower Upper

168 100

139 35.0 30.1 45.1

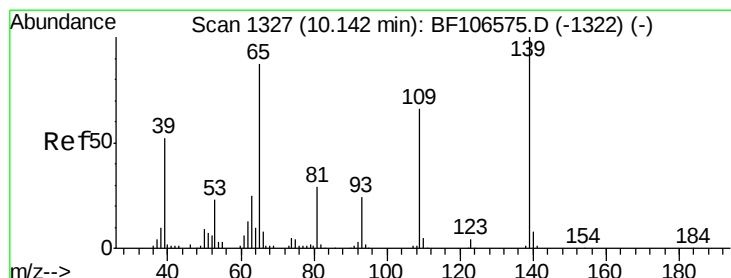
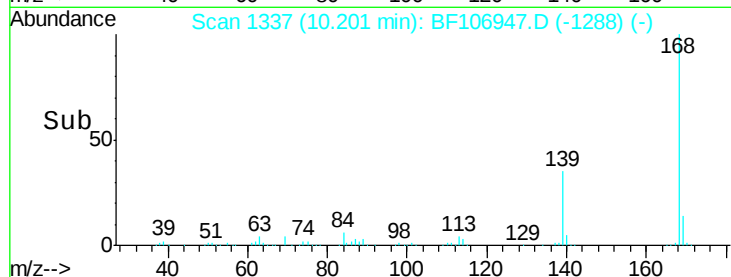
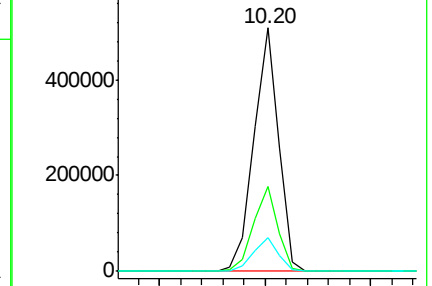
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 118.357 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.06 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

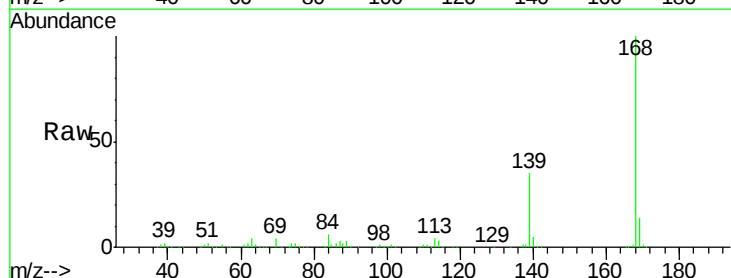
Tgt Ion:139 Resp: 141602

Ion Ratio Lower Upper

139 100

109 0.8 48.4 88.4#

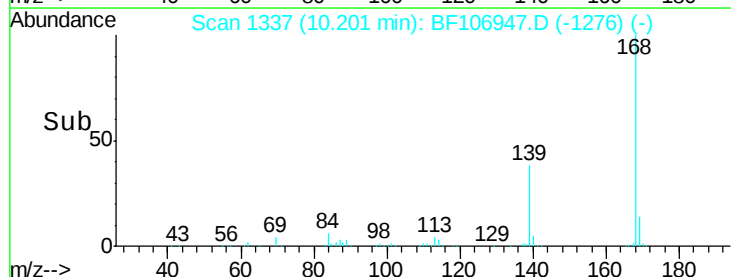
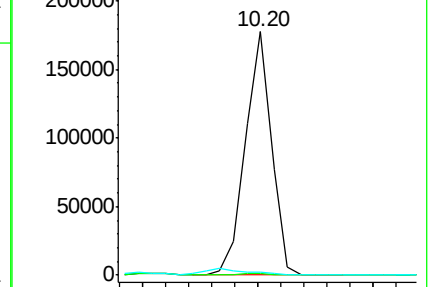
65 1.4 72.6 112.6#

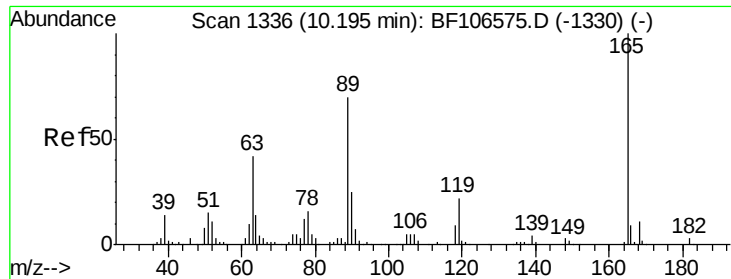


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

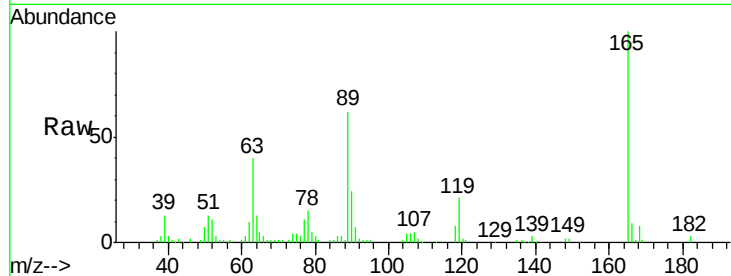




#56
2,4-Dinitrotoluene
Concen: 47.061 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.6	36.4	54.6
89	62.5	57.8	86.6
182	2.6	1.6	2.4

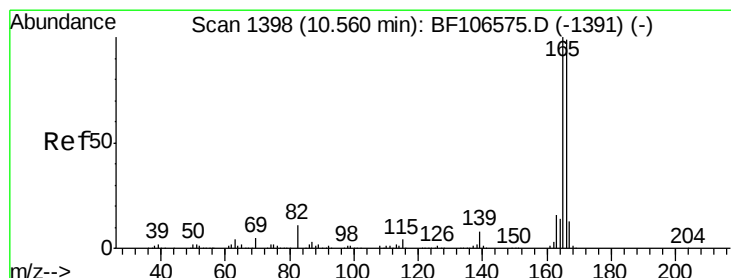
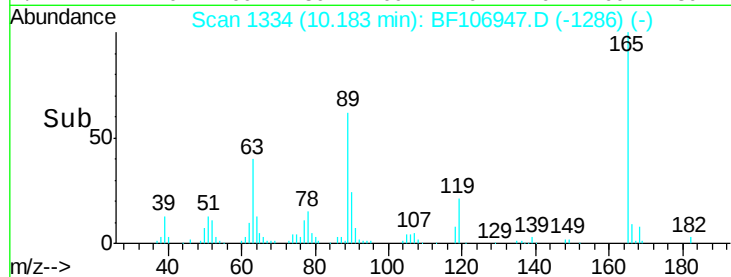
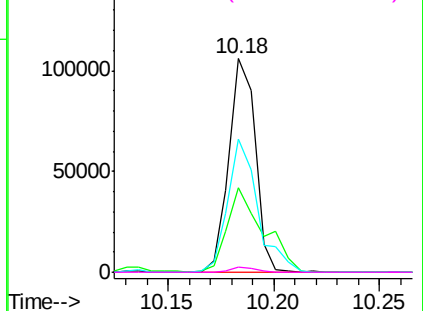


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

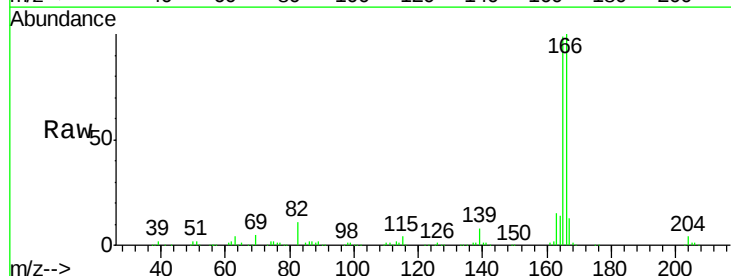
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 47.950 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

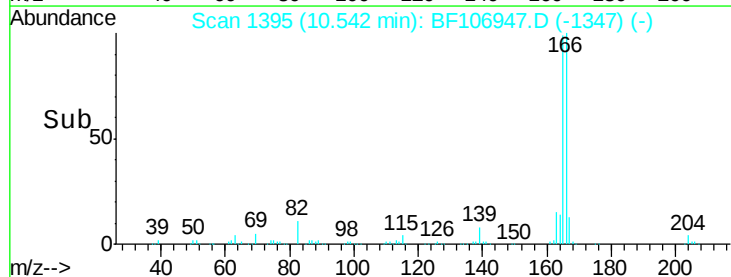
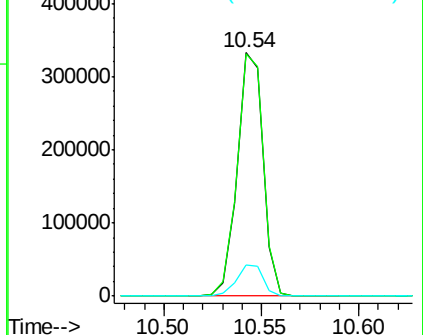
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.0	10.6	16.0

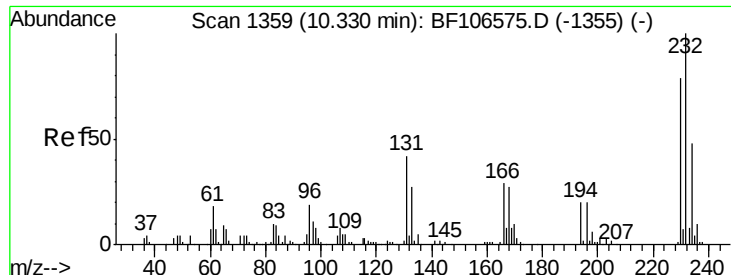


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

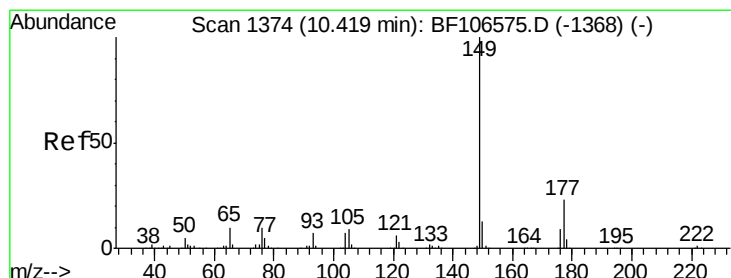
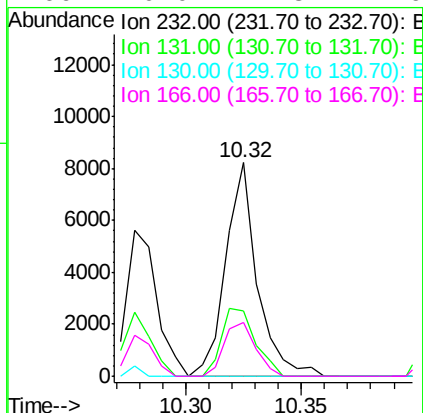
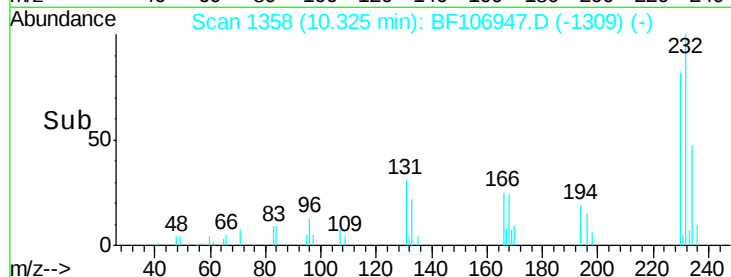
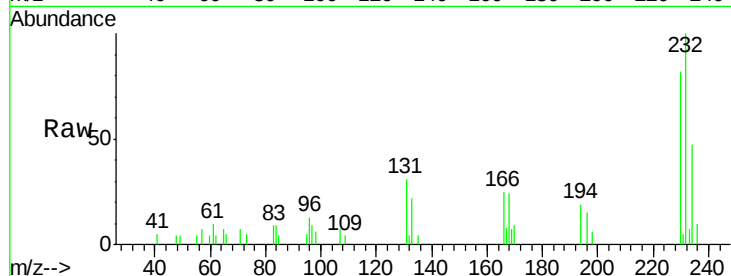




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.469 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

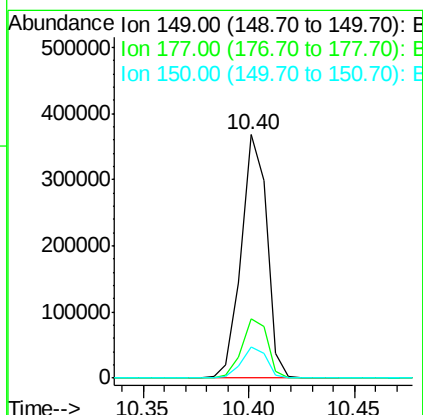
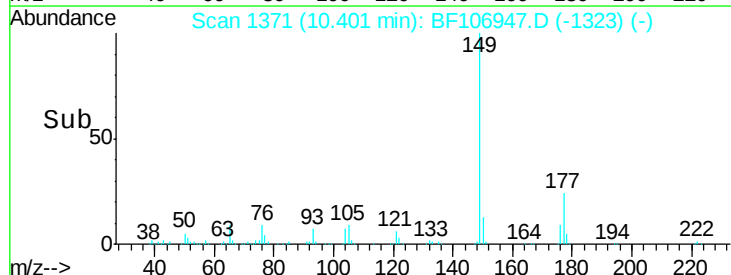
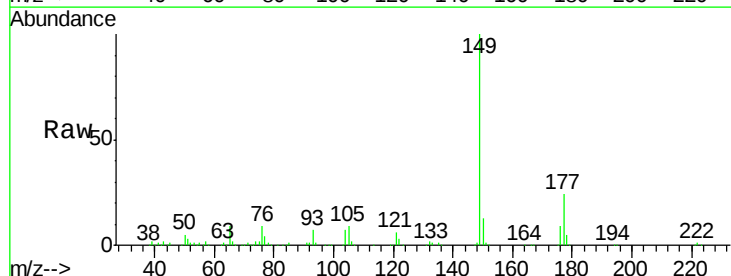
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

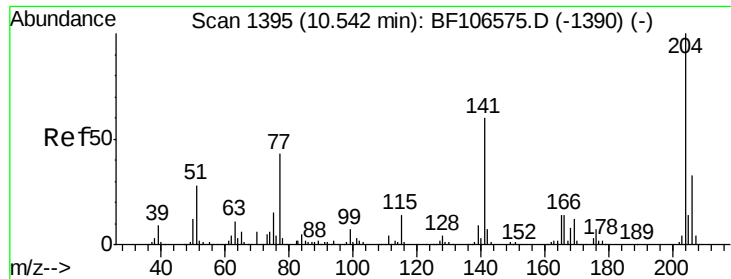
Tgt Ion: 232 Resp: 7782
 Ion Ratio Lower Upper
 232 100
 131 34.3 43.8 65.8#
 130 0.0 2.1 3.1#
 166 0.0 27.8 41.6#



#59
 Diethylphthalate
 Concen: 45.350 ng
 RT: 10.40 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion: 149 Resp: 307887
 Ion Ratio Lower Upper
 149 100
 177 24.3 16.1 24.1#
 150 12.8 10.1 15.1

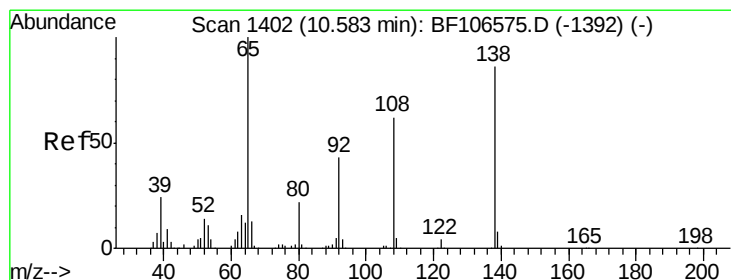
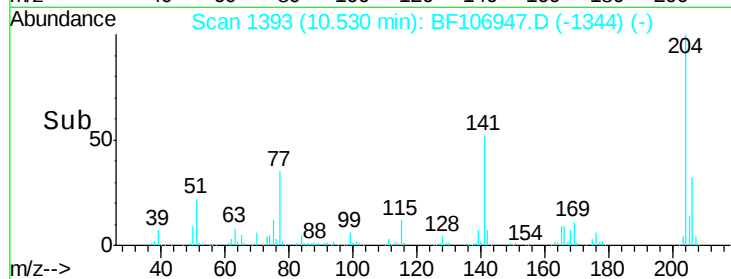
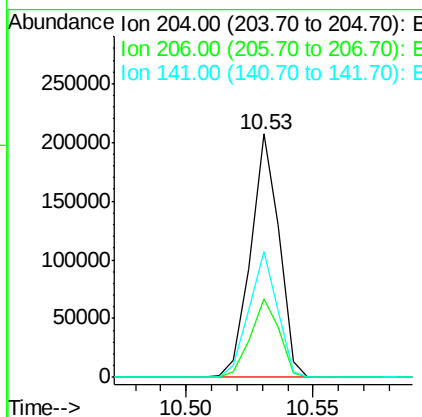
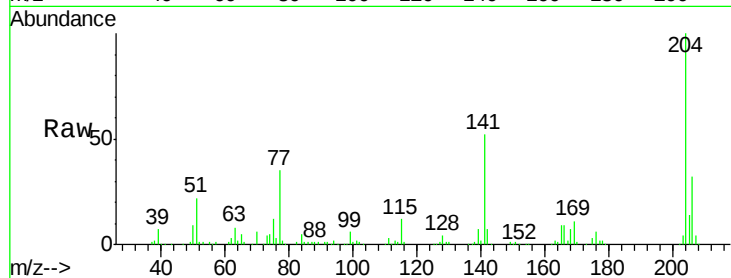




#60
 4-Chlorophenyl-phenylether
 Concen: 48.629 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

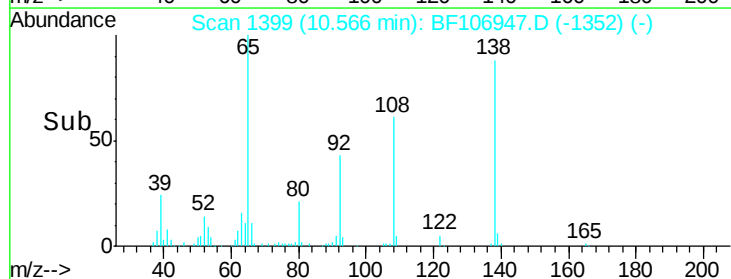
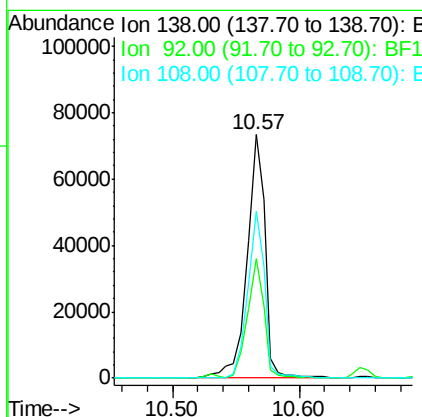
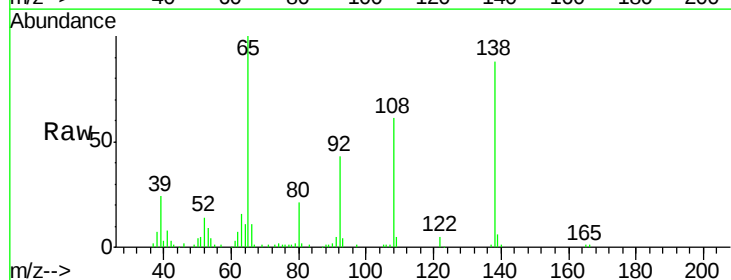
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

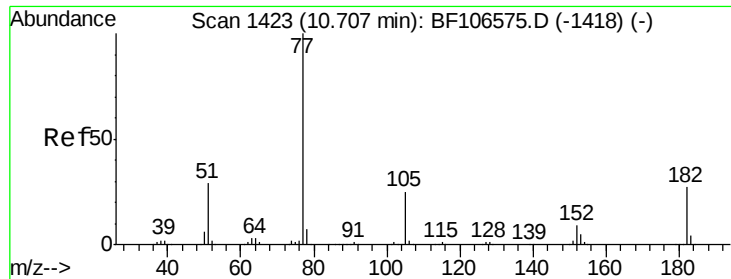
Tgt Ion: 204 Resp: 161711
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.5 39.7
 141 51.8 54.6 81.8#



#61
 4-Nitroaniline
 Concen: 42.604 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion: 138 Resp: 72471
 Ion Ratio Lower Upper
 138 100
 92 48.8 30.2 70.2
 108 68.6 52.5 92.5





#62

Azobenzene

Concen: 40.338 ng

RT: 10.69 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

Tgt Ion: 77 Resp: 269680

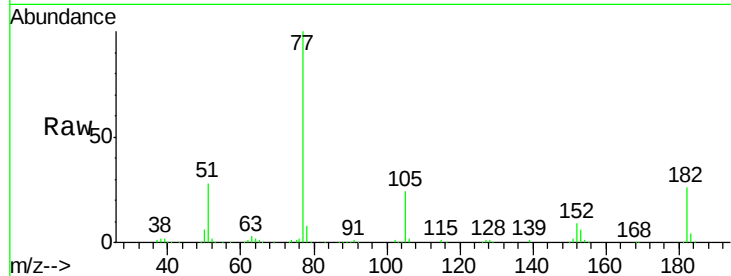
Ion Ratio Lower Upper

77 100

182 26.0 1.7 41.7

105 24.3 3.0 43.0

51 27.9 9.9 49.9

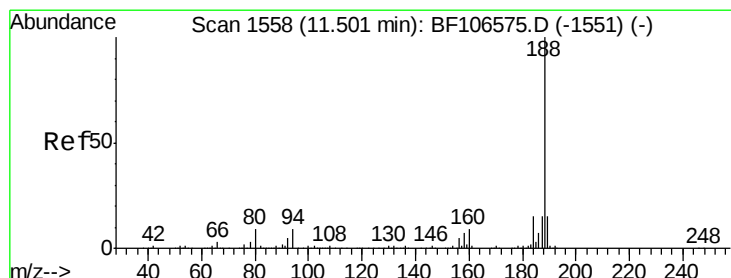
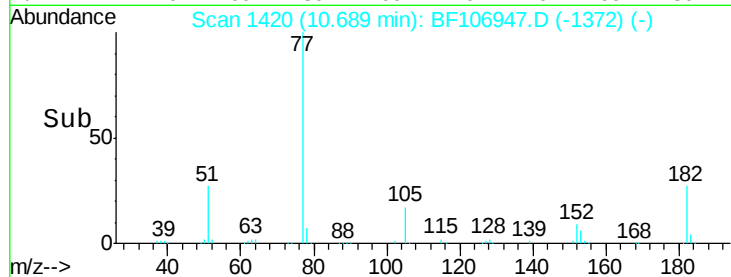
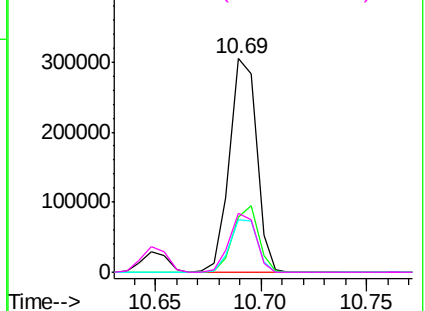


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

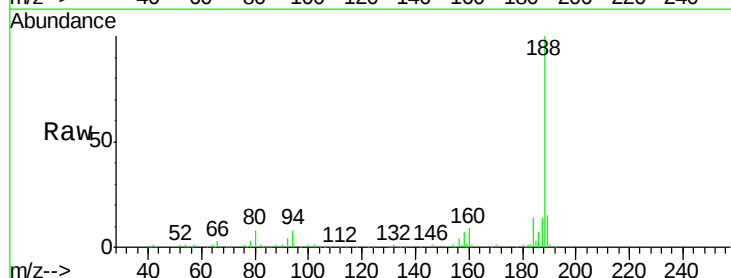
Tgt Ion: 188 Resp: 157744

Ion Ratio Lower Upper

188 100

94 7.6 8.5 12.7#

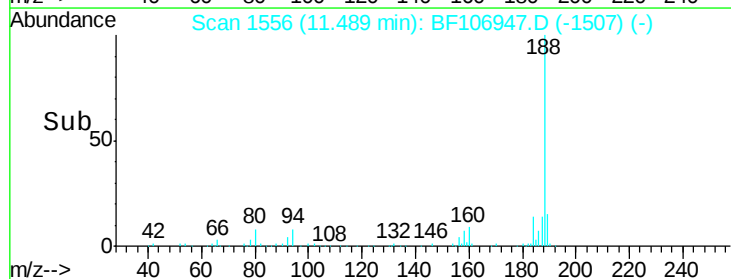
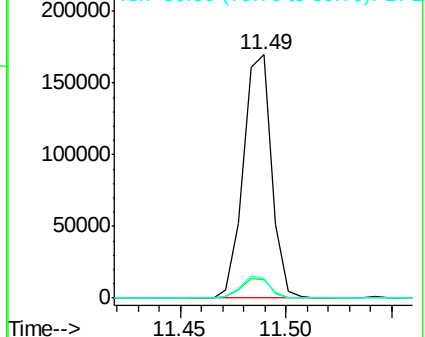
80 7.8 9.2 13.8#

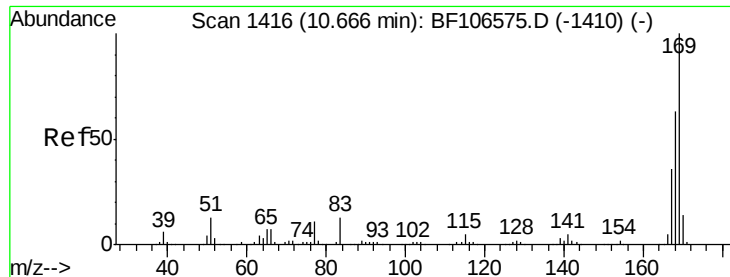


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

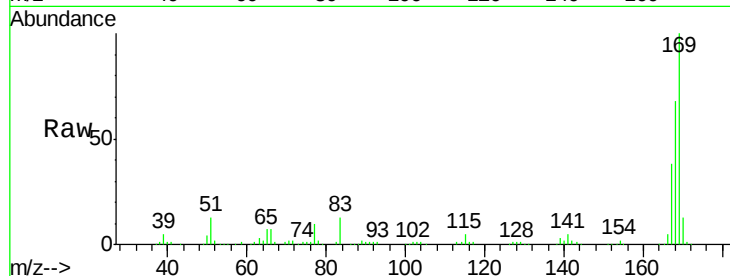




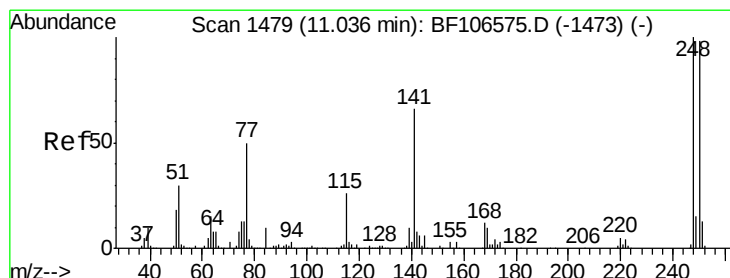
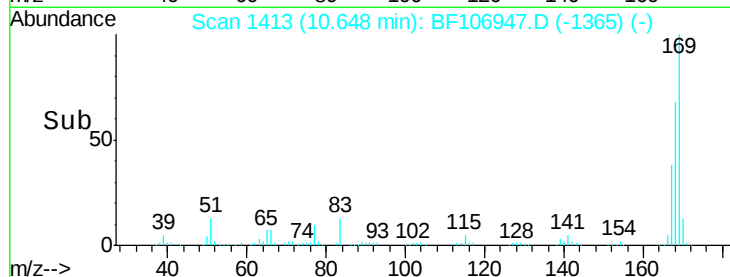
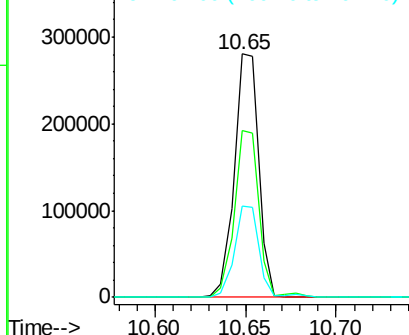
#65
 n-Nitrosodiphenylamine
 Concen: 49.504 ng
 RT: 10.65 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

Tgt Ion:169 Resp: 262659
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.4 81.6
 167 37.7 29.8 44.6

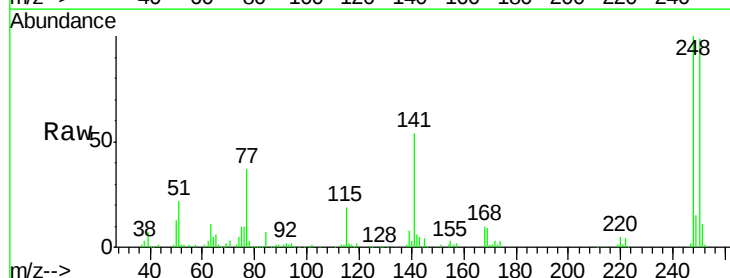


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

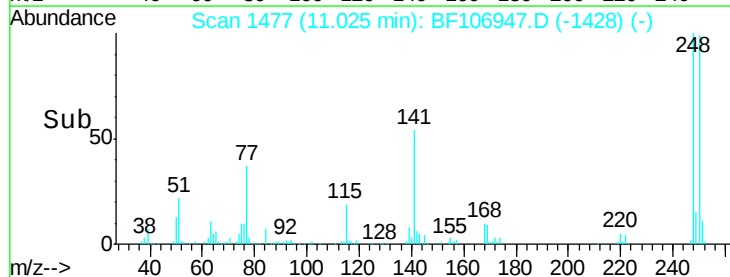
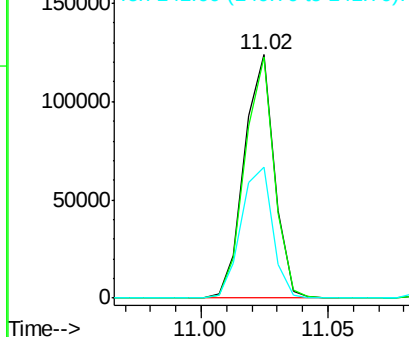


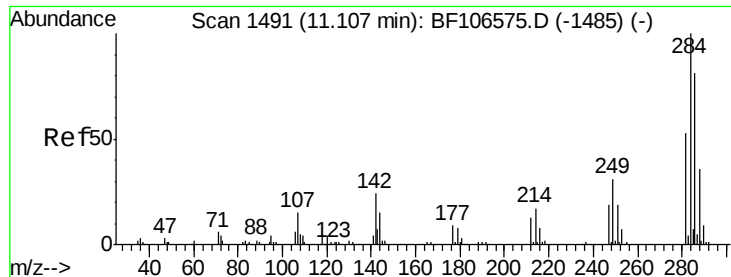
#66
 4-Bromophenyl-phenylether
 Concen: 54.249 ng
 RT: 11.02 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion:248 Resp: 102128
 Ion Ratio Lower Upper
 248 100
 250 99.2 76.9 115.3
 141 53.8 74.4 111.6#



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

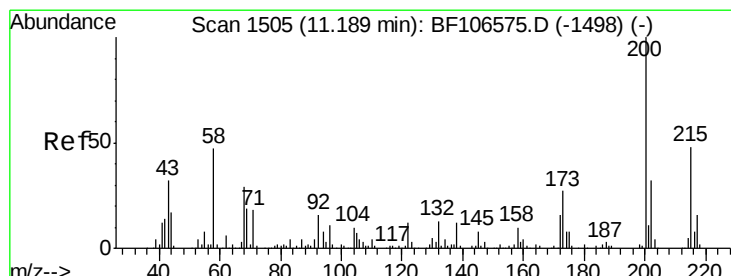
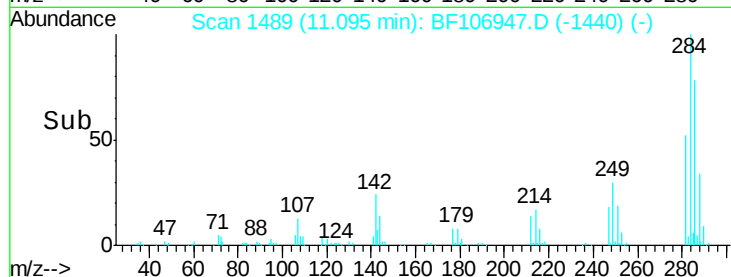
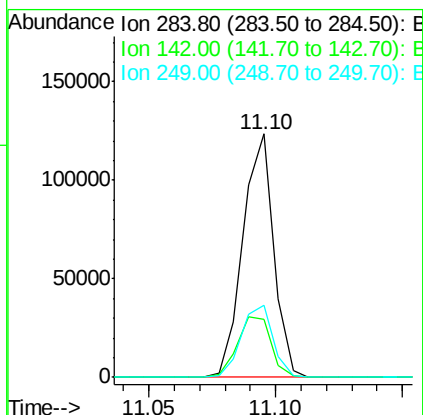
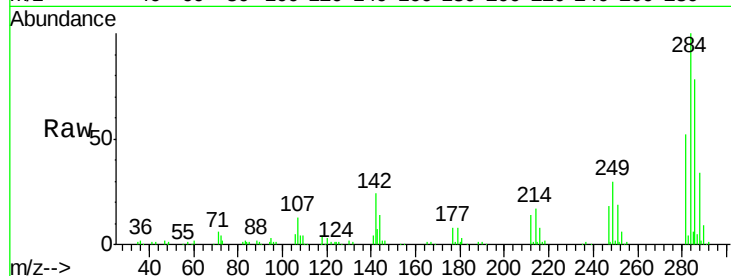




#67
Hexachlorobenzene
Concen: 52.853 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

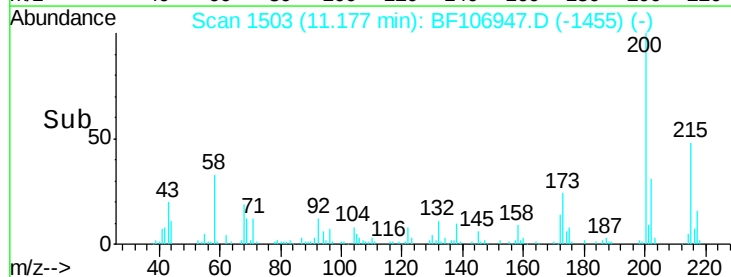
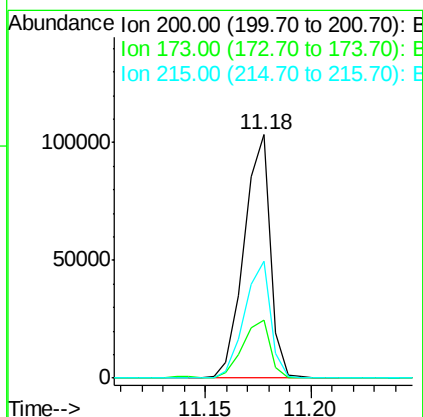
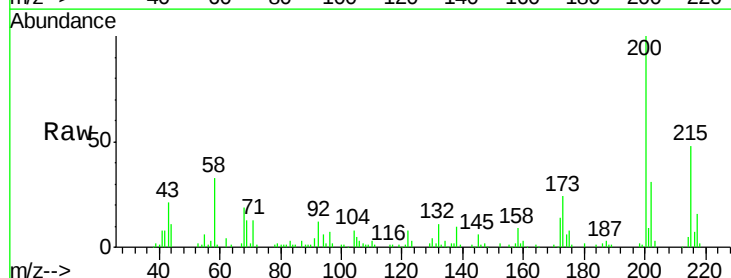
Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

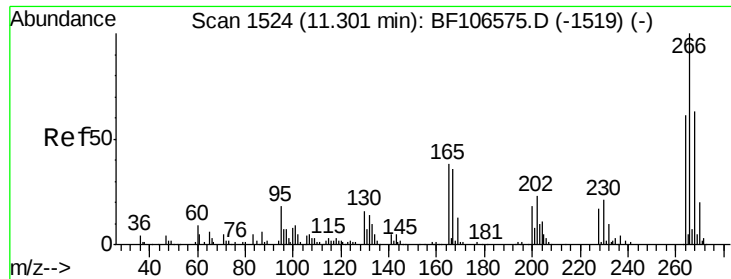
Tgt Ion: 284 Resp: 104141
Ion Ratio Lower Upper
284 100
142 23.6 34.6 52.0#
249 29.9 24.8 37.2



#68
Atrazine
Concen: 52.819 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion: 200 Resp: 89090
Ion Ratio Lower Upper
200 100
173 23.9 8.6 48.6
215 48.0 25.1 65.1

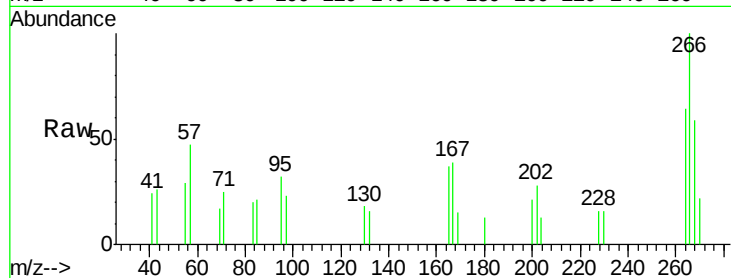




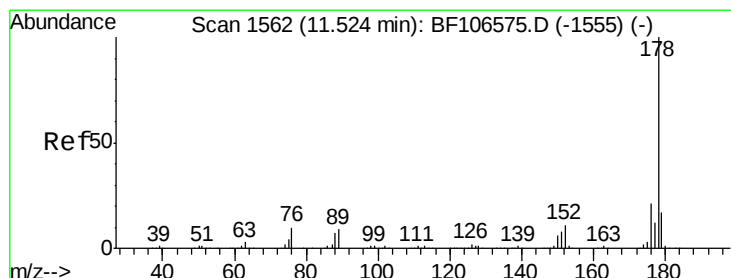
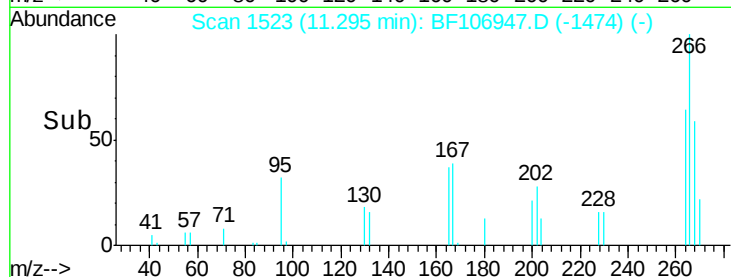
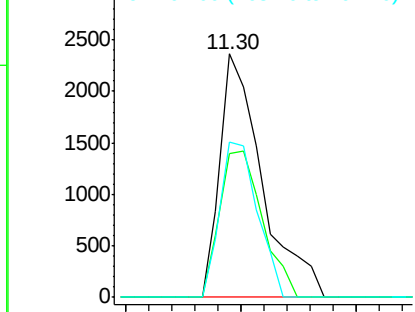
#69
 Pentachlorophenol
 Concen: 3.055 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

Tgt Ion:266 Resp: 3004
 Ion Ratio Lower Upper
 266 100
 268 58.9 51.1 76.7
 264 63.9 49.5 74.3

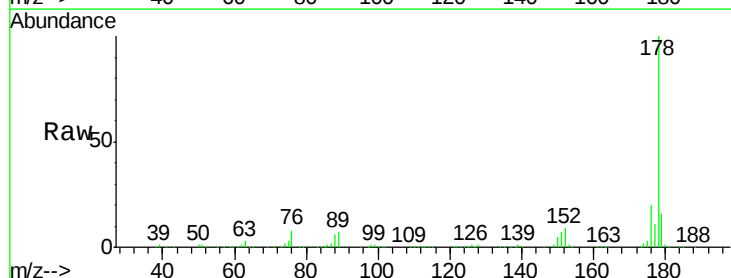


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

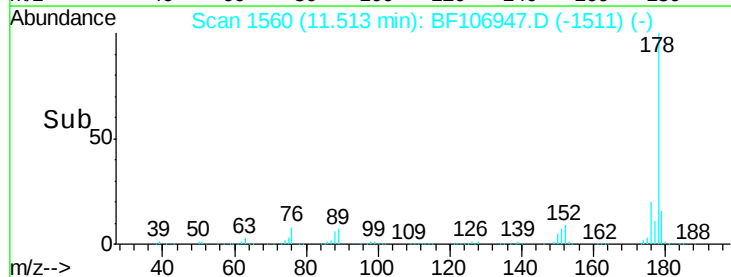
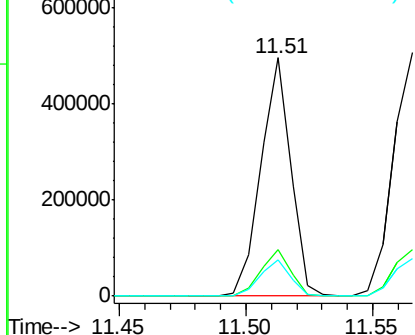


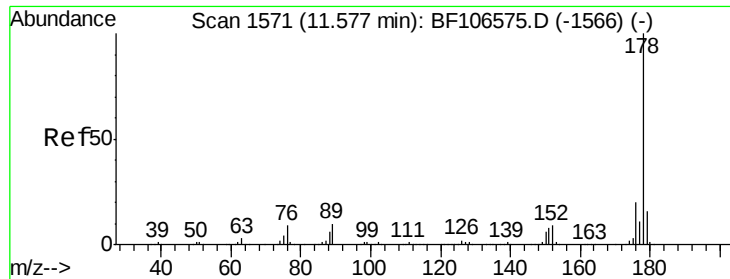
#70
 Phenanthrene
 Concen: 53.837 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion:178 Resp: 409606
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.5 13.0 19.6



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

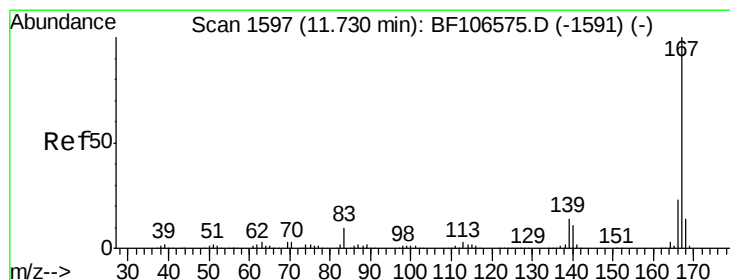
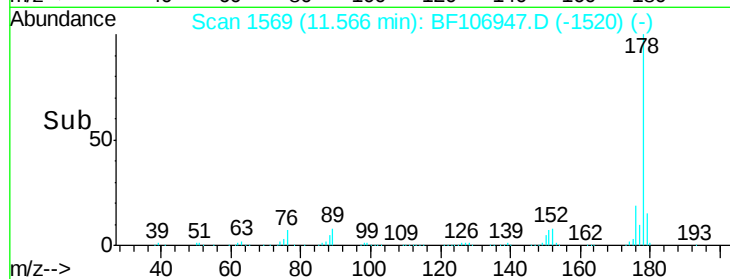
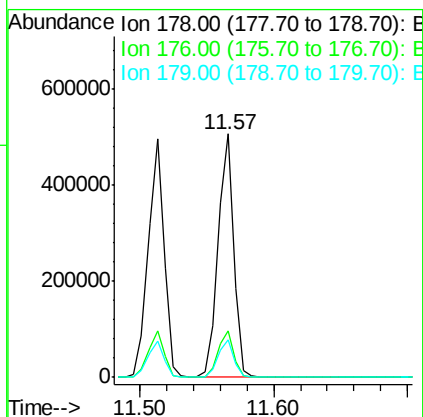
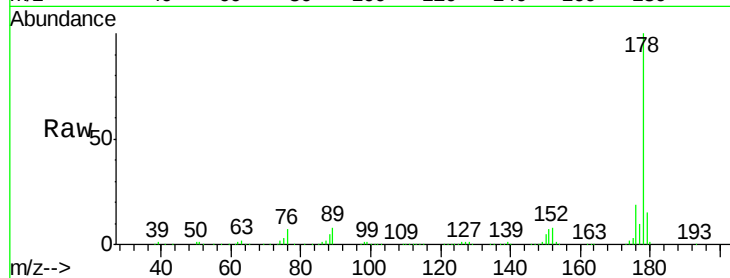




#71
 Anthracene
 Concen: 54.440 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

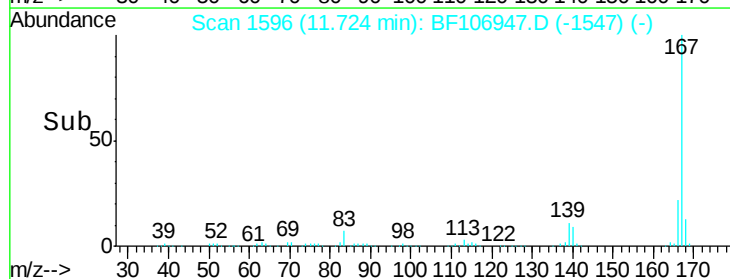
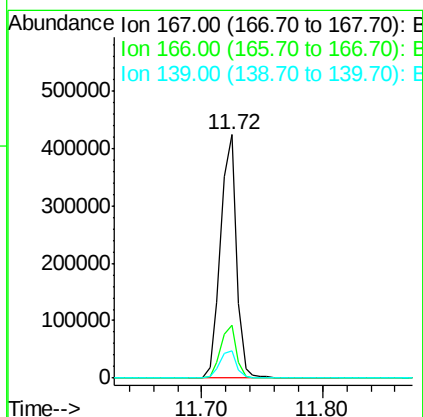
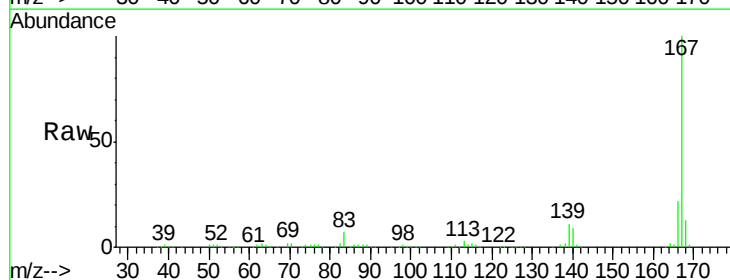
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

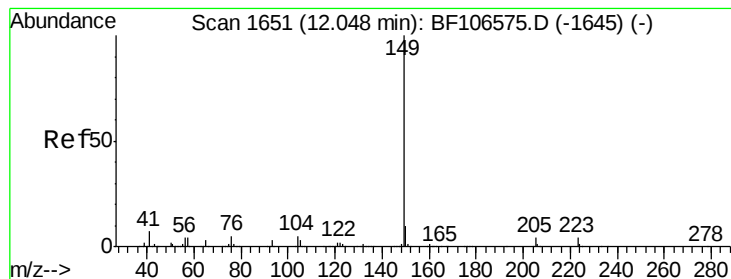
Tgt Ion:178 Resp: 422769
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 52.942 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion:167 Resp: 384928
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 11.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.433 ng

RT: 12.03 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

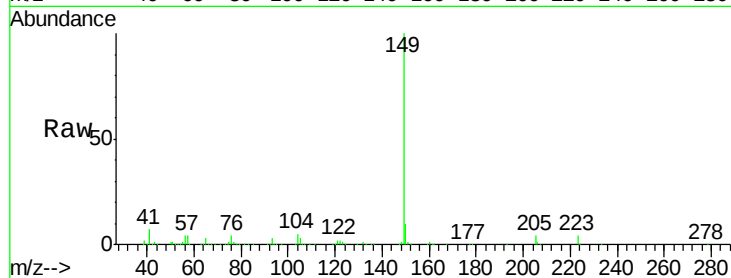
Tgt Ion:149 Resp: 397727

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

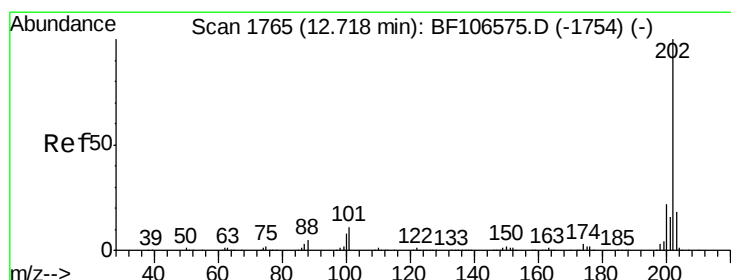
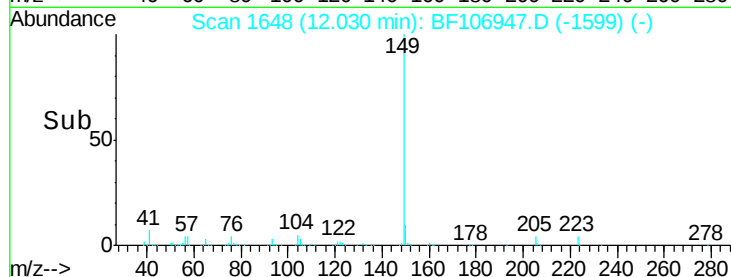
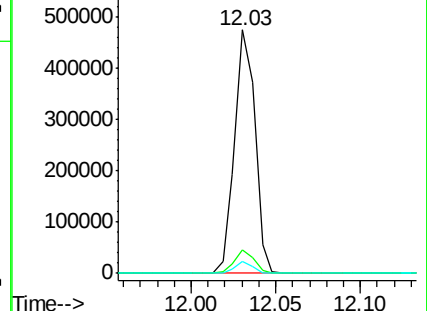
104 4.7 3.8 5.8



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: 58.931 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

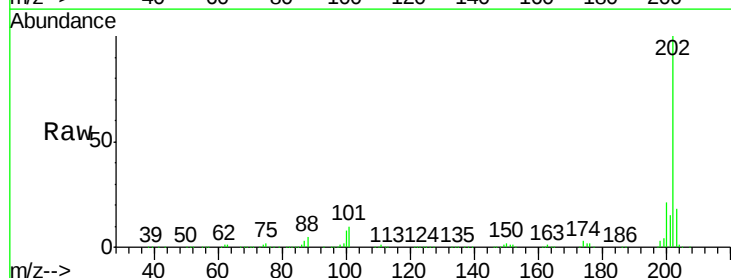
Tgt Ion:202 Resp: 494187

Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.1

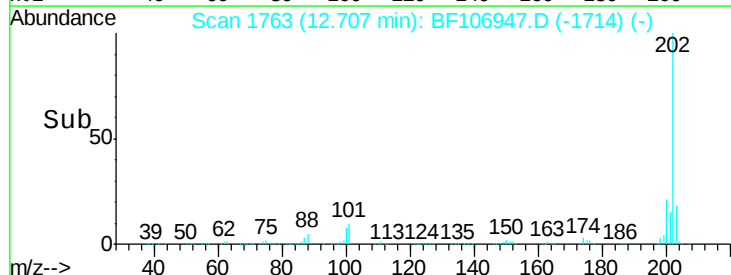
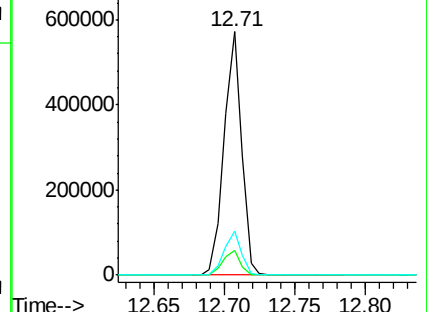
203 18.0 0.0 38.1

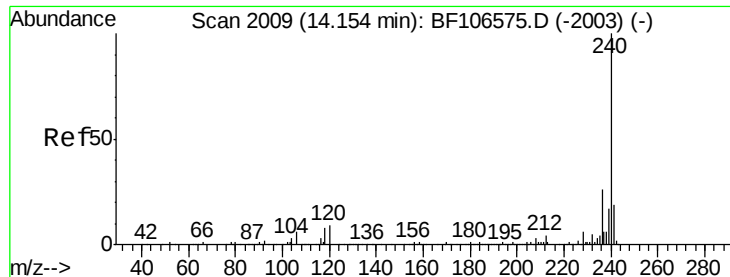


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

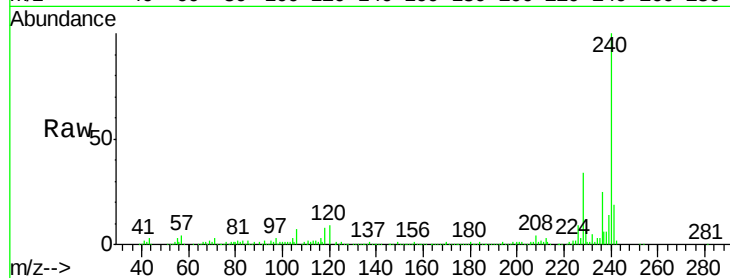
Tgt Ion:240 Resp: 183930

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

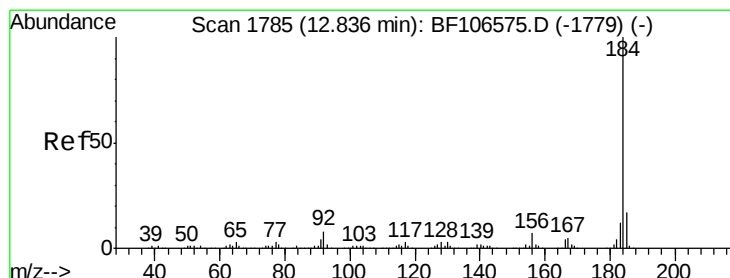
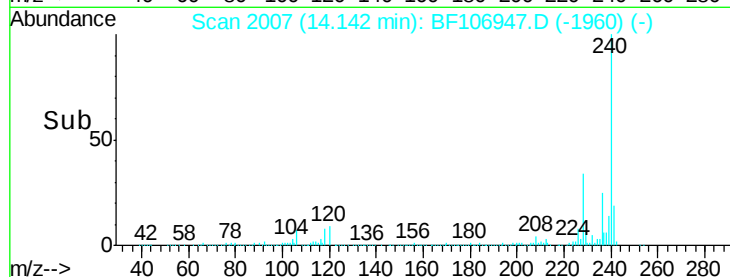
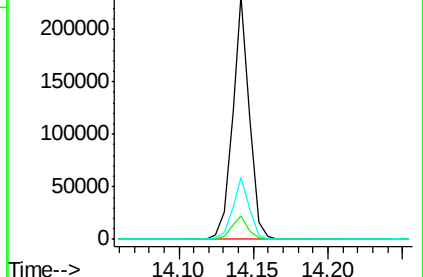
236 25.3 20.7 31.1



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: 47.480 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

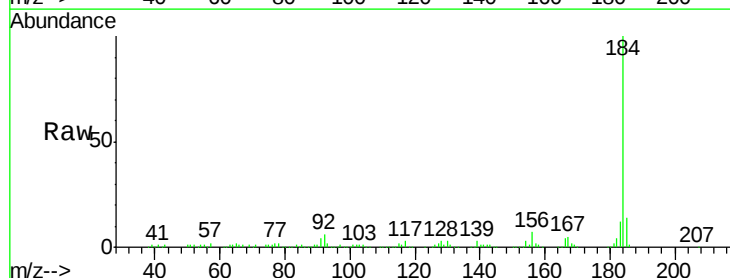
Tgt Ion:184 Resp: 248711

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

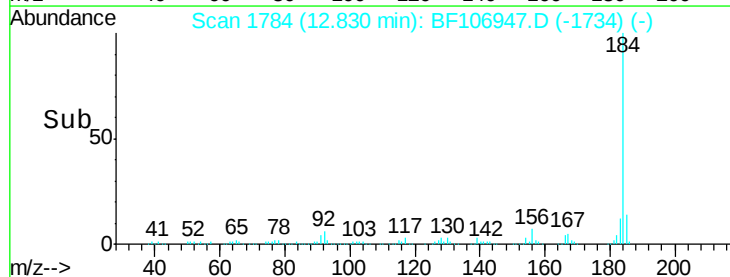
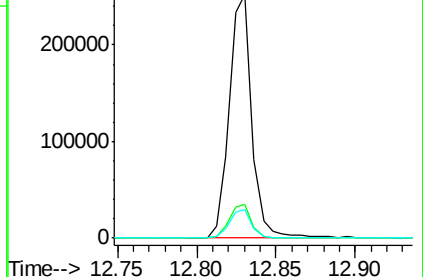
183 11.7 9.3 13.9

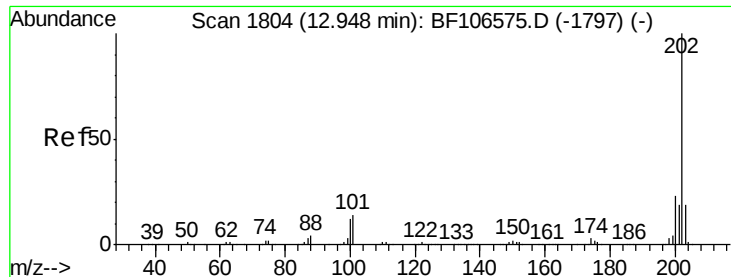


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

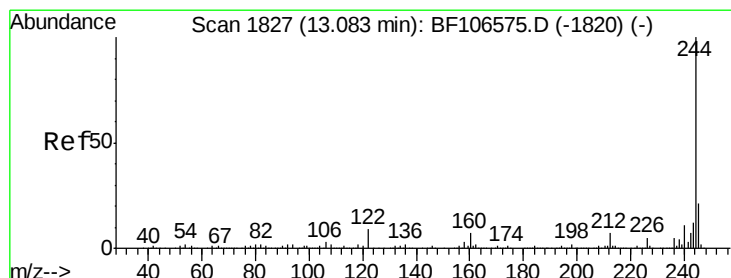
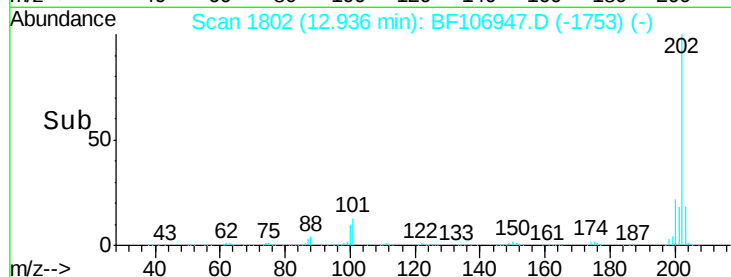
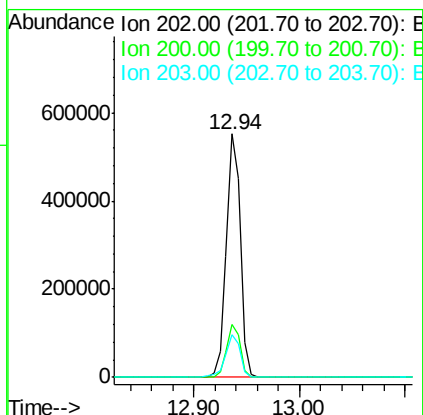
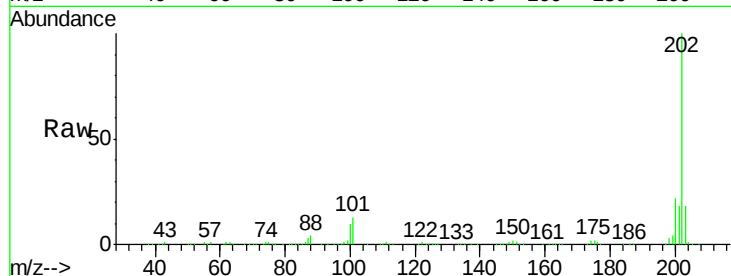




#77
 Pyrene
 Concen: 41.892 ng
 RT: 12.94 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

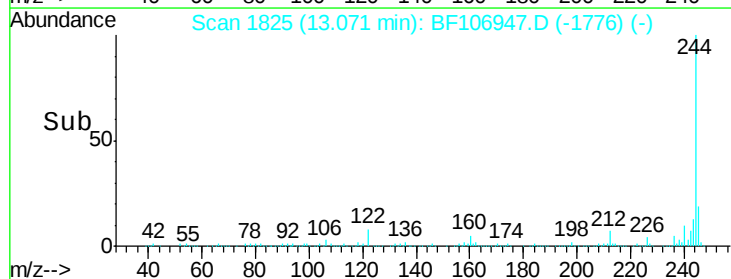
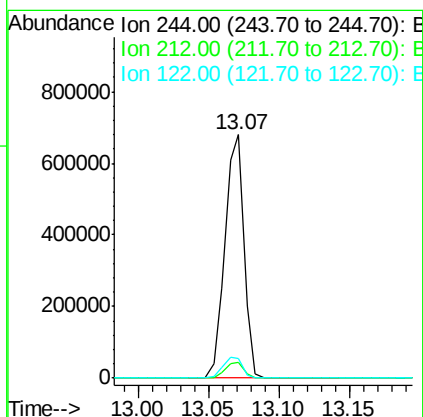
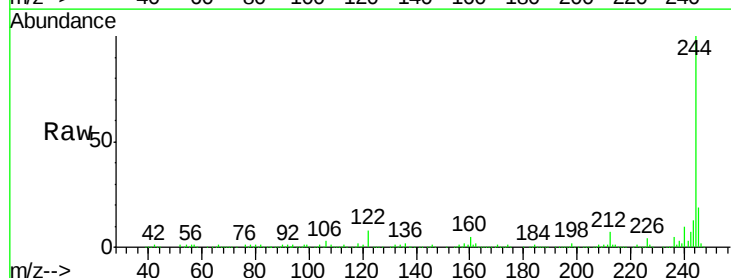
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

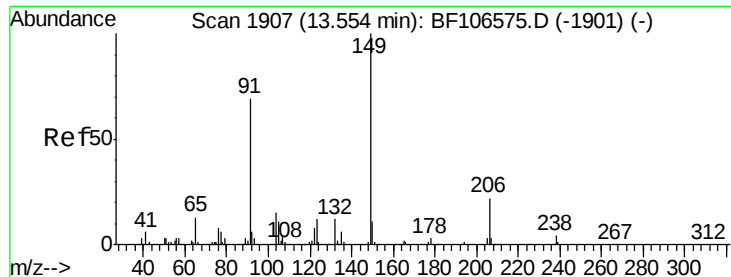
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5



#78
 Terphenyl-d14
 Concen: 83.869 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	7.8	11.0	16.4#

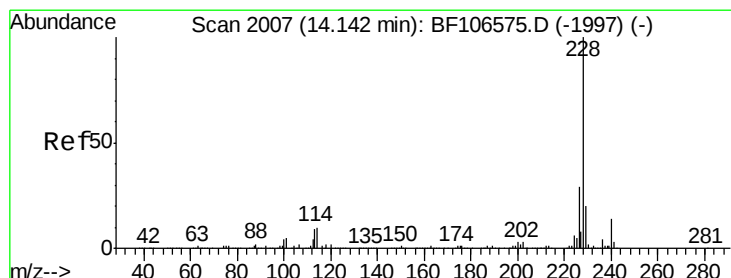
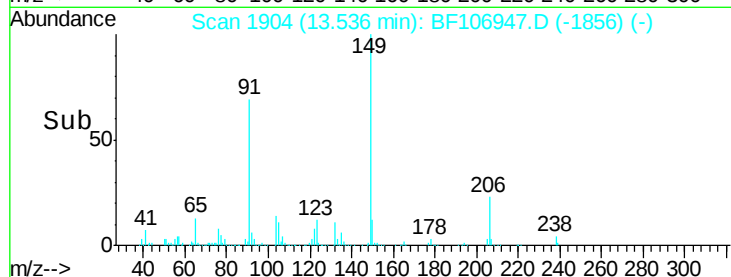
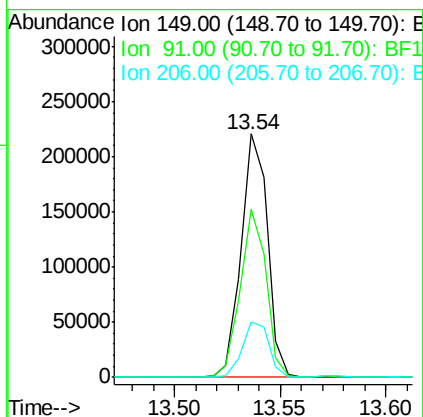
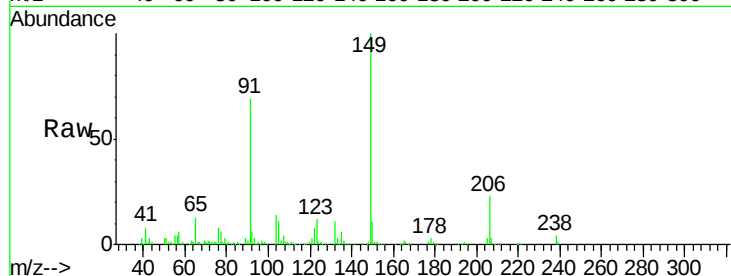




#79
Butylbenzylphthalate
Concen: 38.041 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

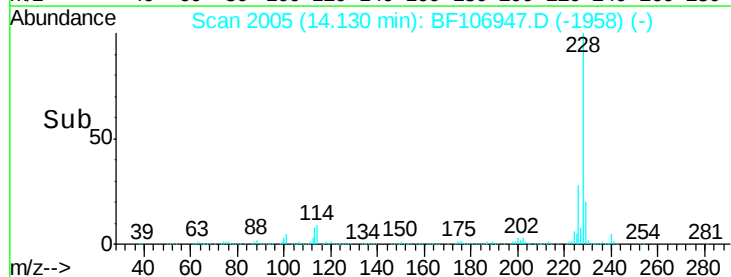
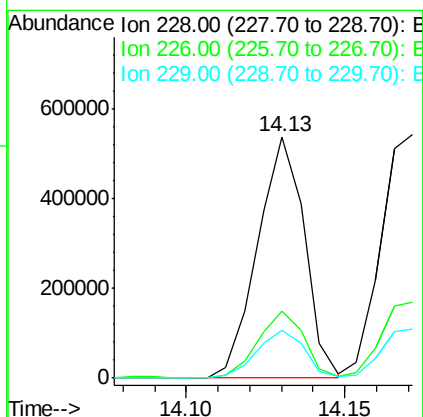
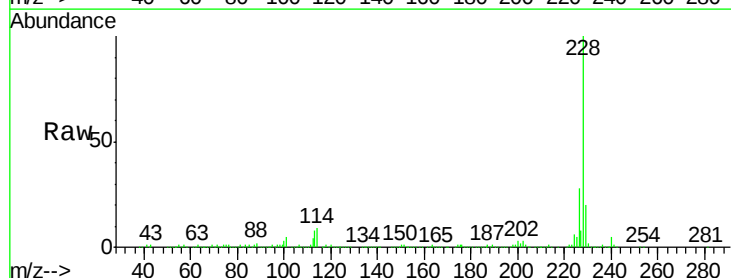
Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

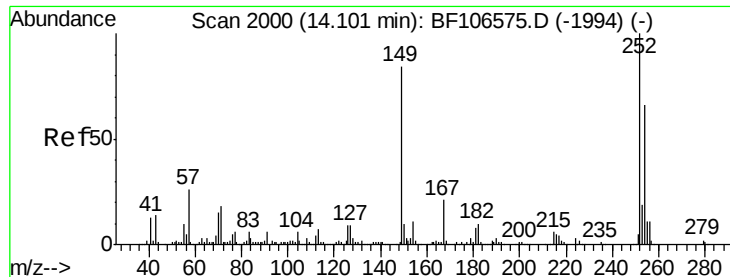
Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.0	56.8	85.2
206	22.7	14.1	21.1#



#80
Benzo(a)anthracene
Concen: 49.158 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.0	15.8	23.6

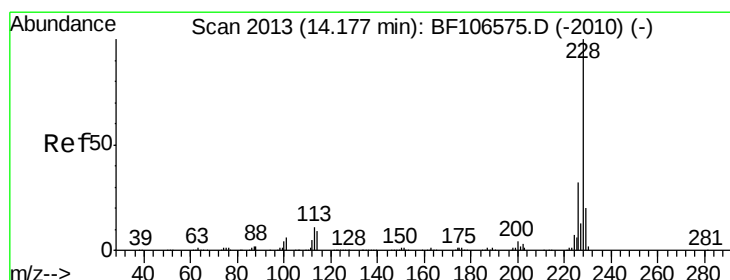
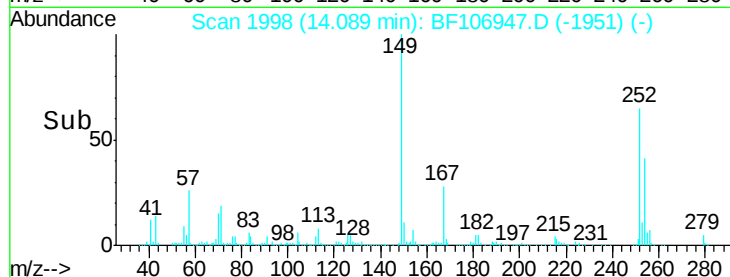
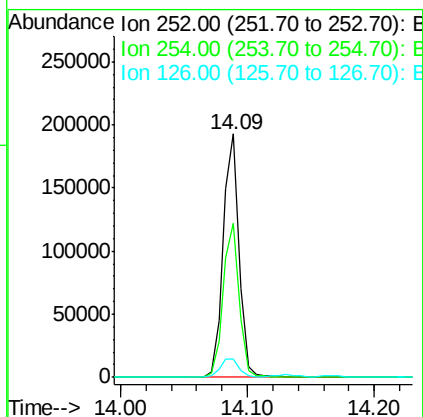
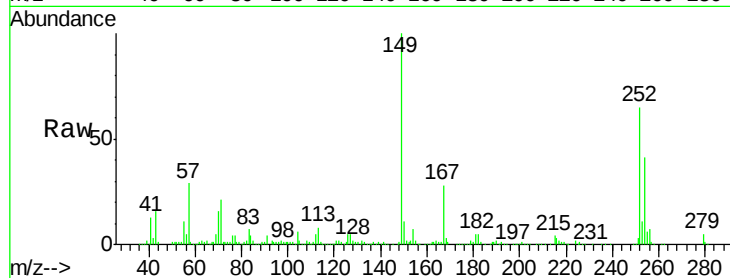




#81
 3,3'-Dichlorobenzidine
 Concen: 42.964 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

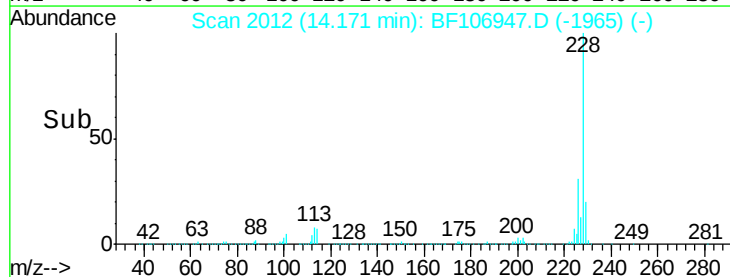
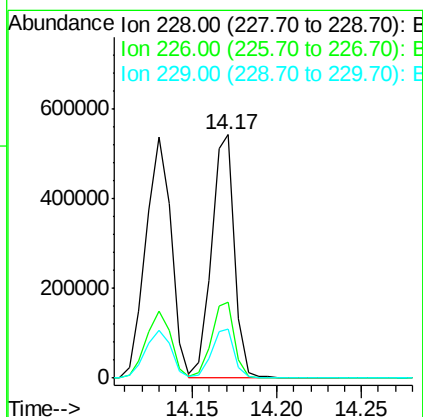
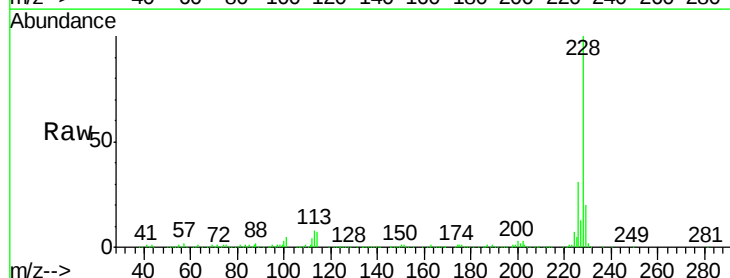
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

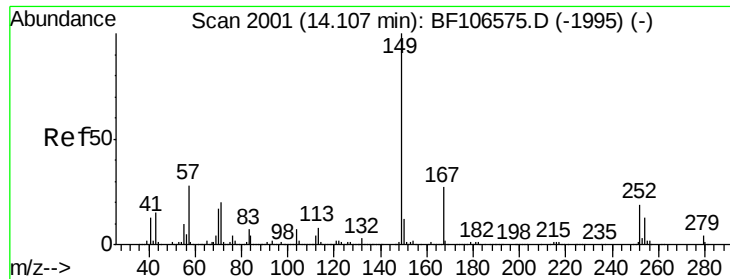
Tgt Ion: 252 Resp: 169272
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 7.5 11.3 16.9#



#82
 Chrysene
 Concen: 49.865 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion: 228 Resp: 514265
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 20.3 16.2 24.4

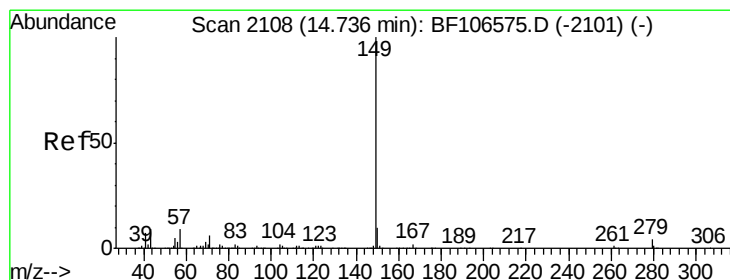
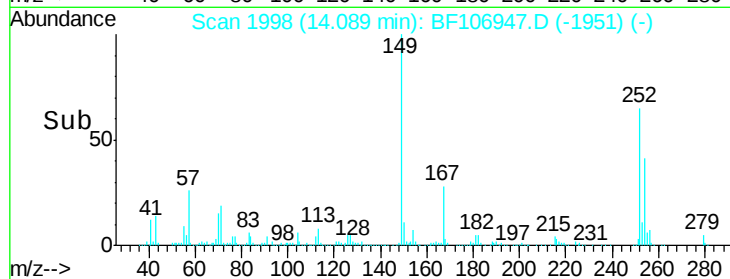
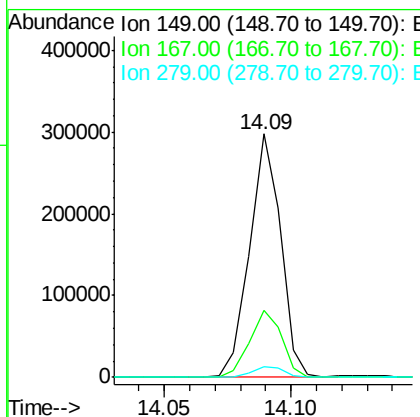
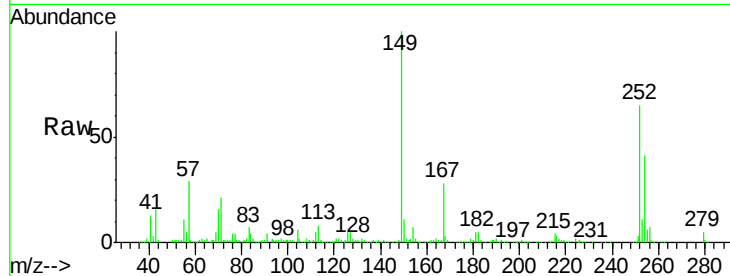




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.861 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

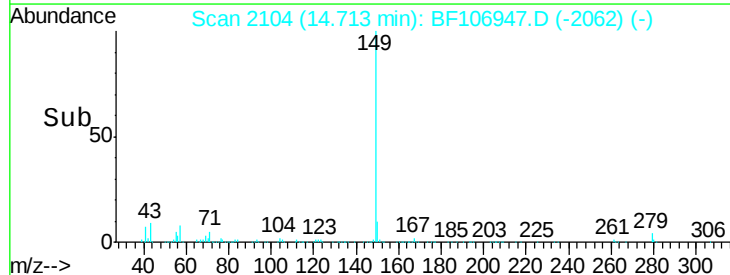
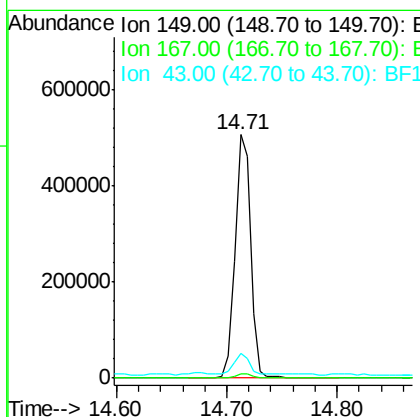
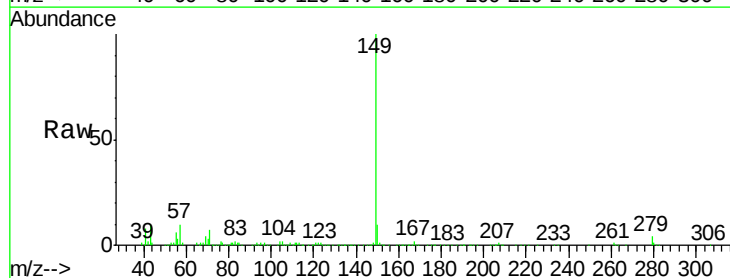
Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

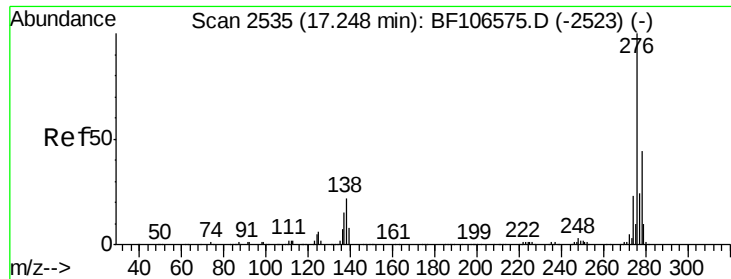
Tgt Ion:149 Resp: 254136
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.3 31.9
 279 4.6 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 47.939 ng
 RT: 14.71 min Scan# 2104
 Delta R.T. -0.05 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion:149 Resp: 498194
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.4 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.754 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.05 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

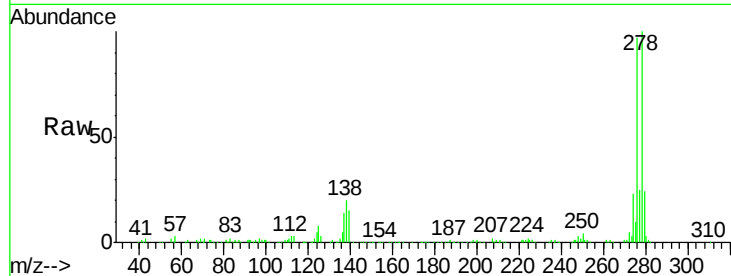
Tgt Ion:276 Resp: 400439

Ion Ratio Lower Upper

276 100

138 20.7 25.0 37.6#

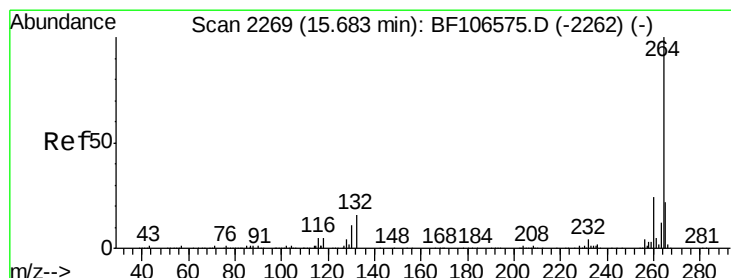
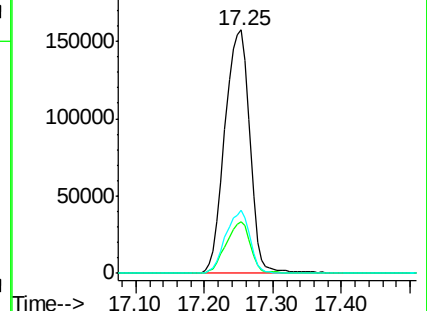
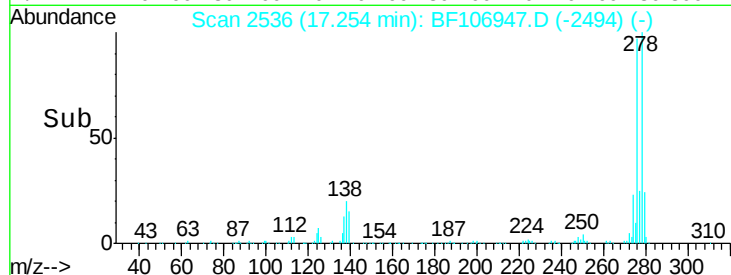
277 25.1 20.1 30.1



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: 15.67 min Scan# 2267

Delta R.T. -0.05 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

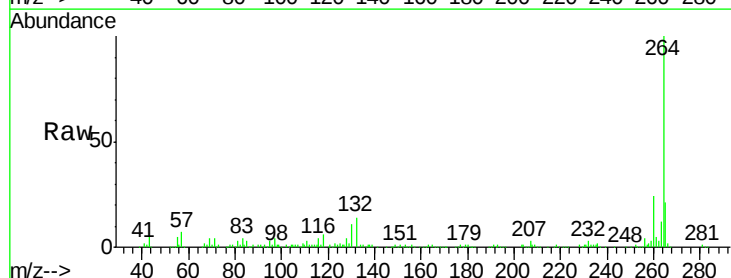
Tgt Ion:264 Resp: 157916

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

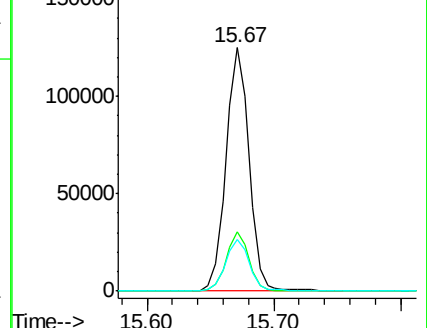
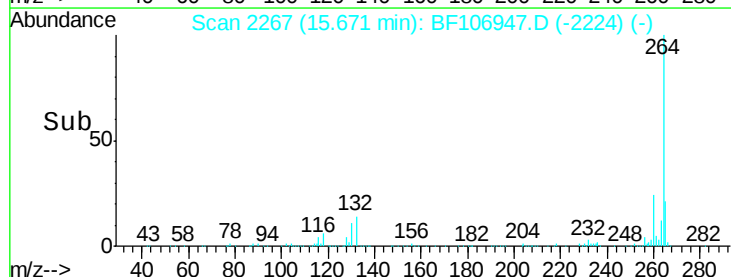
265 21.5 17.5 26.3

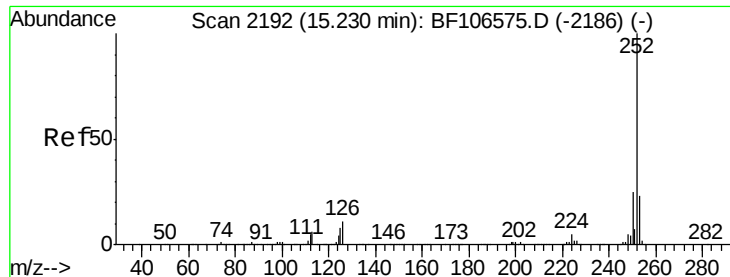


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

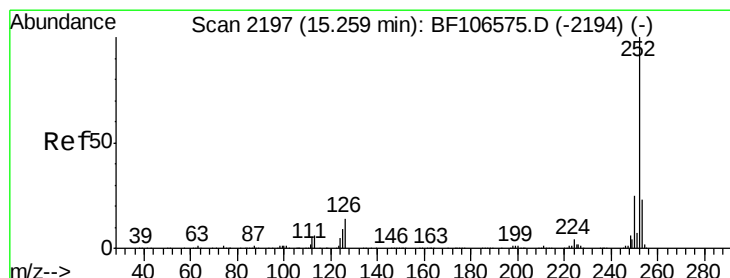
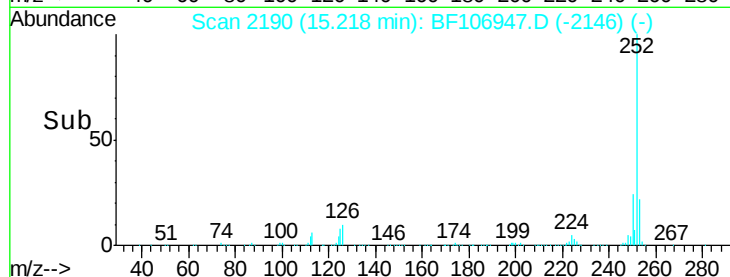
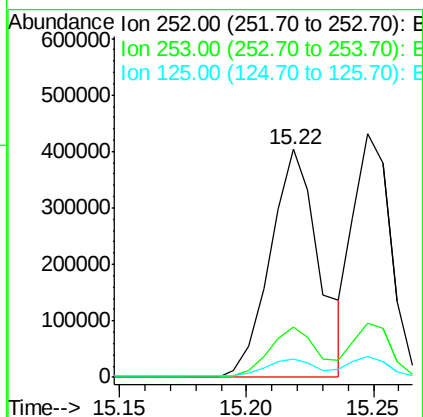
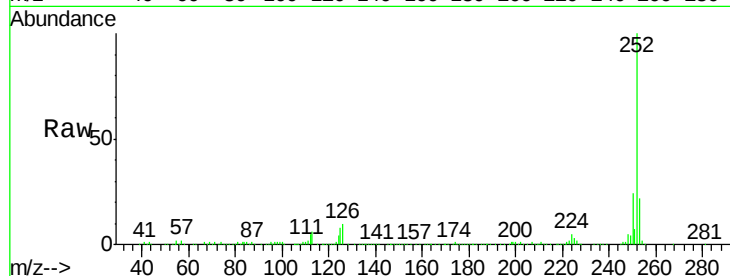




#87
Benzo(b)fluoranthene
Concen: 55.327 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

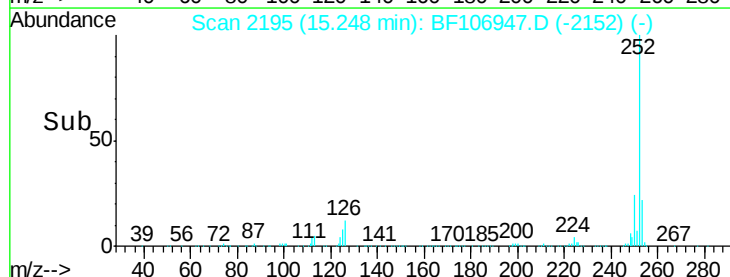
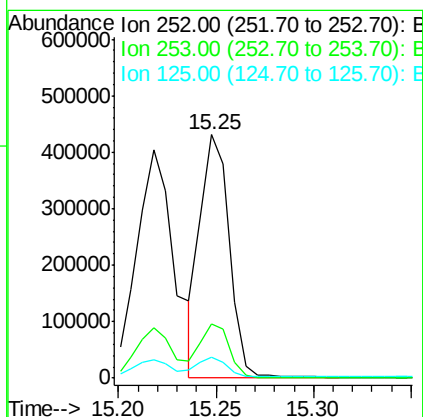
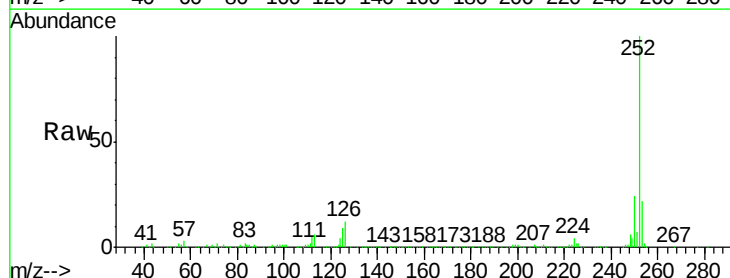
Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

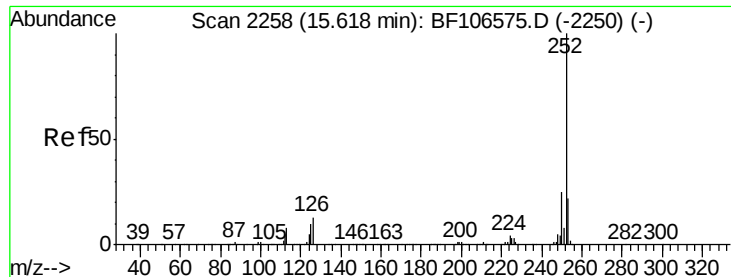
Tgt Ion:252 Resp: 542741
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 8.2 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 47.416 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion:252 Resp: 442949
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 8.7 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 51.546 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

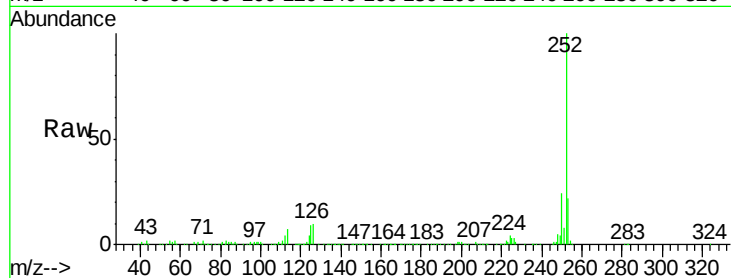
Tgt Ion:252 Resp: 449506

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

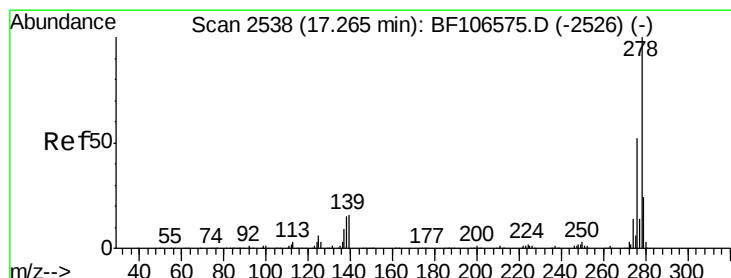
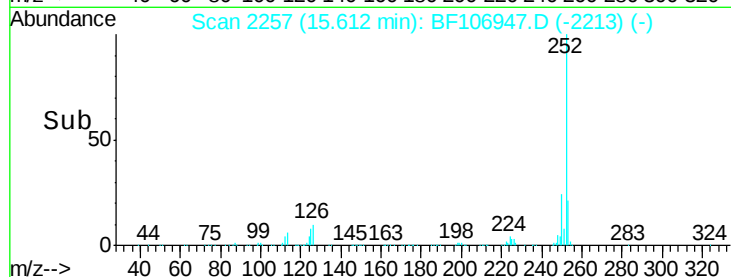
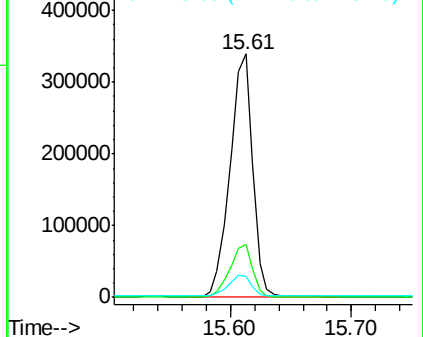
125 8.5 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.026 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.06 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

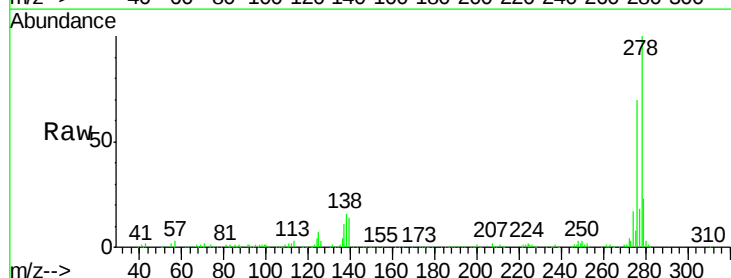
Tgt Ion:278 Resp: 340162

Ion Ratio Lower Upper

278 100

139 13.6 15.9 23.9#

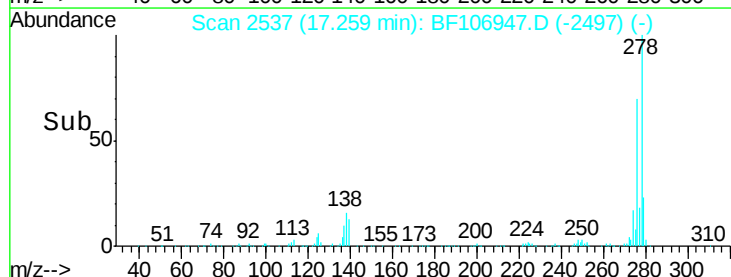
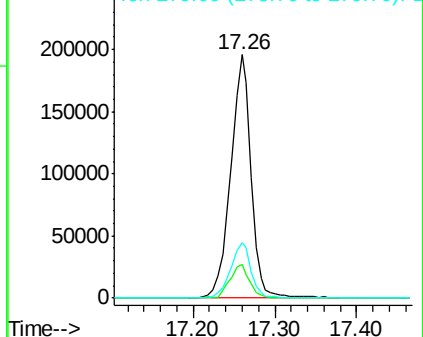
279 22.8 19.0 28.4

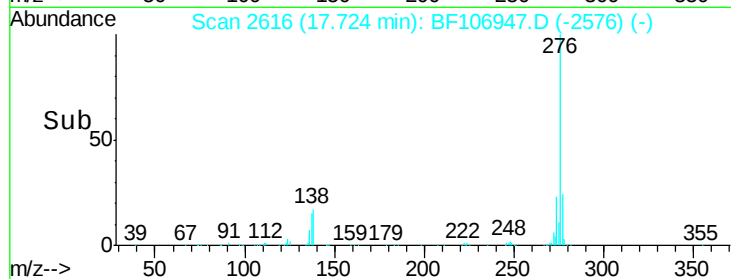
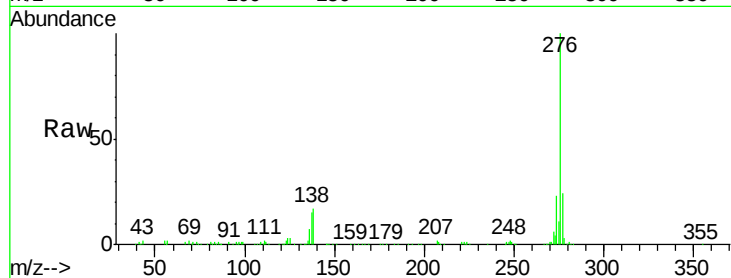
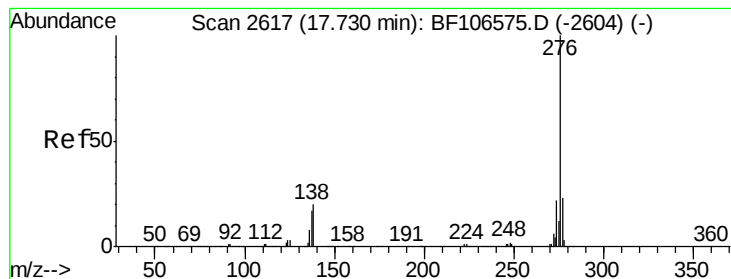


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.589 ng

RT: 17.72 min Scan# 2616

Delta R.T. -0.06 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

Tgt Ion:276 Resp: 322098

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 17.5 21.8 32.8#

