

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061918\
 Data File : BF106589.D
 Acq On : 19 Jun 2018 18:28
 Operator : JU/SJ
 Sample : J3538-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-T-4-STONE

Quant Time: Jun 20 00:55:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	103200	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	396482	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	177221	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	293559	20.00	ng	0.00
75) Chrysene-d12	14.14	240	237012	20.00	ng	-0.01
86) Perylene-d12	15.68	264	272640	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	592751	97.26	ng	0.00
7) Phenol-d6	6.60	99	736211	96.73	ng	0.00
23) Nitrobenzene-d5	7.52	82	495820	69.50	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	191495	93.23	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	877956	83.61	ng	0.00
78) Terphenyl-d14	13.08	244	702800	71.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	108	0.034	ng	# 20
6) Aniline	6.74	93	863	0.084	ng	# 1
9) Benzaldehyde	6.74	77	14315	2.238	ng	# 84
10) Phenol	6.61	94	3321	0.382	ng	# 71
11) bis(2-Chloroethyl)ether	6.74	93	863	0.120	ng	# 1
15) Benzyl Alcohol	7.12	79	8271	1.353	ng	# 41
19) n-Nitroso-di-n-propylamine	7.52	70	66398	13.235	ng	# 75
24) Nitrobenzene	7.52	77	1348	0.185	ng	# 33
25) Isophorone	7.52	82	495815	39.439	ng	# 64
31) Naphthalene	8.27	128	269	0.015	ng	# 68
45) 1,1'-Biphenyl	9.42	154	1490	0.105	ng	# 83
46) 2-Chloronaphthalene	9.71	162	192	0.017	ng	# 1
47) 2-Nitroaniline	9.71	65	550	0.147	ng	# 1
49) Dimethylphthalate	9.71	163	58773	4.422	ng	# 100
50) 2,6-Dinitrotoluene	10.00	165	22474	7.985	ng	# 25
51) Acenaphthene	10.04	154	116	0.010	ng	# 4
56) 2,4-Dinitrotoluene	10.00	165	22474	6.117	ng	# 22
57) Fluorene	10.80	166	7454	0.621	ng	# 82
59) Diethylphthalate	10.41	149	965	0.075	ng	# 61
62) Azobenzene	10.76	77	110	0.009	ng	# 50
64) 4,6-Dinitro-2-methylphenol	10.80	198	323	0.178	ng	# 1
65) n-Nitrosodiphenylamine	10.80	169	4933	0.500	ng	# 37
66) 4-Bromophenyl-phenylether	10.80	248	12029	3.433	ng	# 1
70) Phenanthrene	11.52	178	2785	0.197	ng	# 93
71) Anthracene	11.57	178	663	0.046	ng	# 60
72) Carbazole	11.73	167	505	0.037	ng	# 20
73) Di-n-butylphthalate	12.04	149	3603	0.226	ng	# 90
74) Fluoranthene	12.71	202	4880	0.313	ng	# 85
76) Benzidine	13.08	184	8551	1.267	ng	# 95
77) Pyrene	12.94	202	4451	0.285	ng	# 87
79) Butylbenzylphthalate	13.55	149	760	0.118	ng	# 61
80) Benzo(a)anthracene	14.14	228	3369	0.233	ng	# 92
82) Chrysene	14.17	228	2928	0.220	ng	# 90
83) Bis(2-ethylhexyl)phthalate	14.11	149	2210	0.269	ng	# 98

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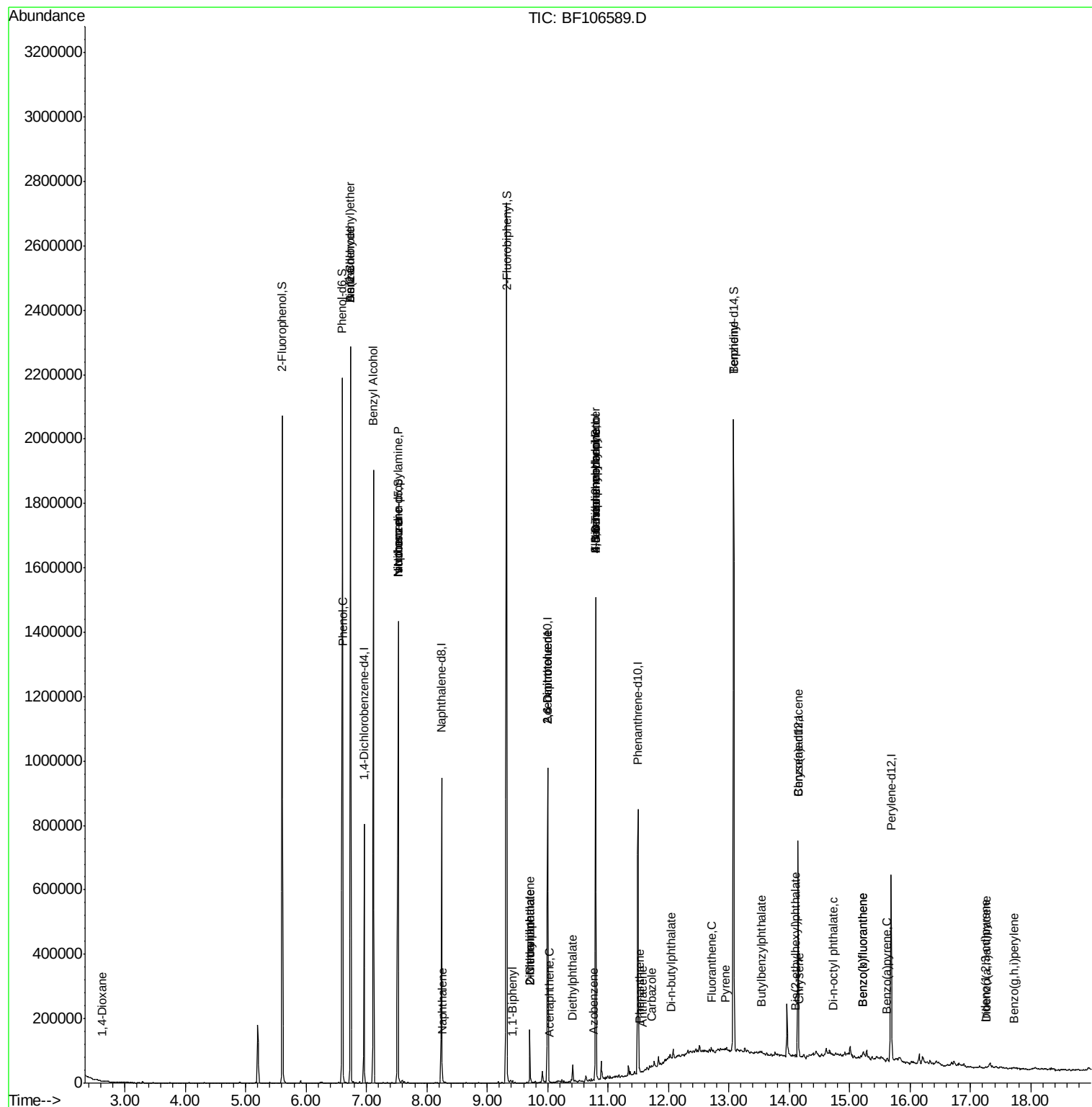
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.74	149	592	0.044	ng	# 50
85) Indeno(1,2,3-cd)pyrene	17.24	276	1842	0.163	ng	# 82
87) Benzo(b)fluoranthene	15.22	252	6056	0.358	ng	# 80
88) Benzo(k)fluoranthene	15.22	252	6056	0.375	ng	# 79
89) Benzo(a)pyrene	15.62	252	2589	0.172	ng	# 64
90) Dibenzo(a,h)anthracene	17.26	278	145	0.011	ng	# 54
91) Benzo(g,h,i)perylene	17.71	276	1984	0.159	ng	# 64

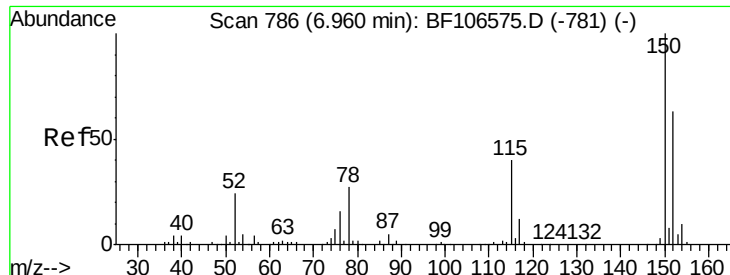
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

Instrument :

BNA_F

ClientSampleId :

SS-T-4-STONE

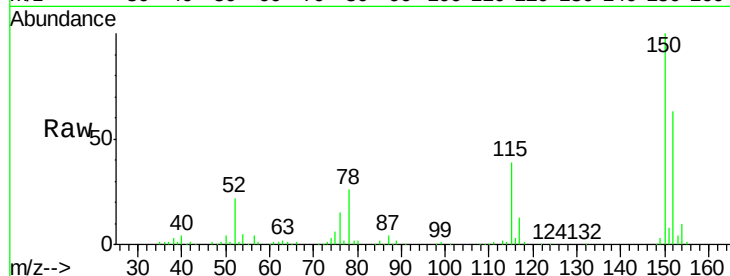
Tgt Ion:152 Resp: 103200

Ion Ratio Lower Upper

152 100

150 158.6 124.6 186.8

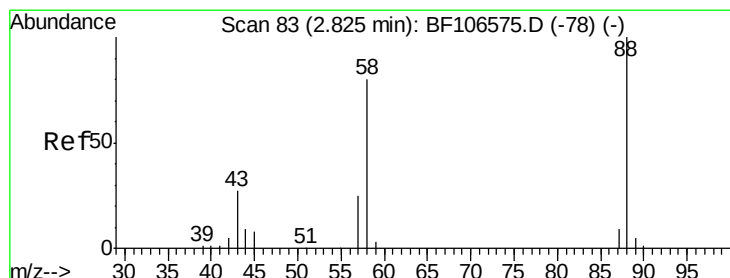
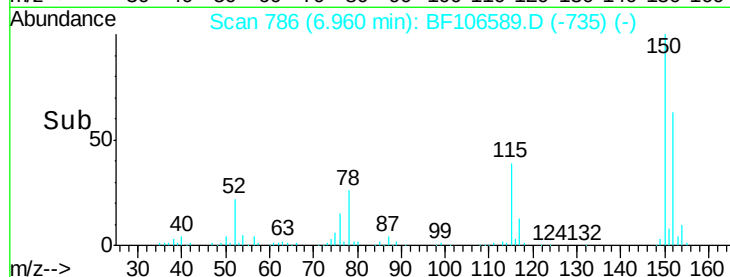
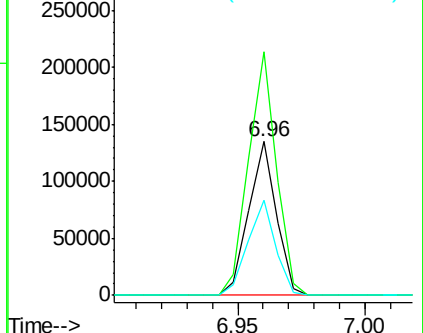
115 62.2 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.034 ng

RT: 2.63 min Scan# 50

Delta R.T. -0.19 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

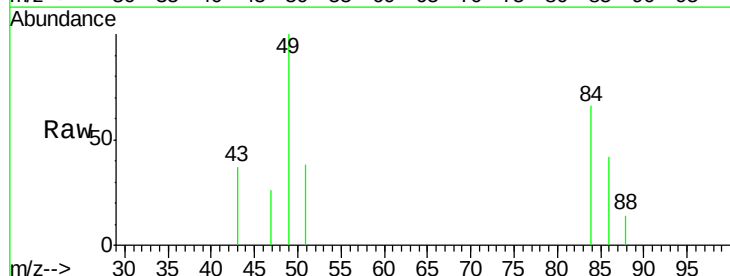
Tgt Ion: 88 Resp: 108

Ion Ratio Lower Upper

88 100

58 0.0 62.6 93.8#

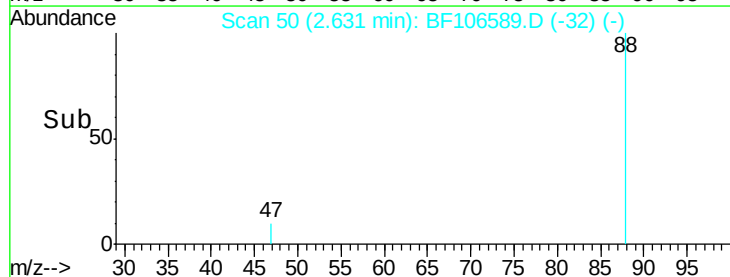
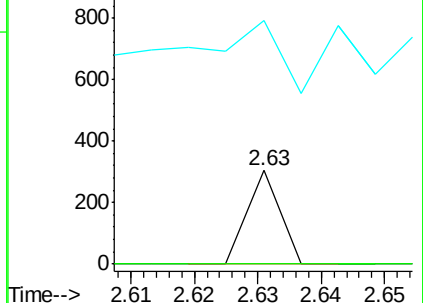
43 0.0 24.6 37.0#

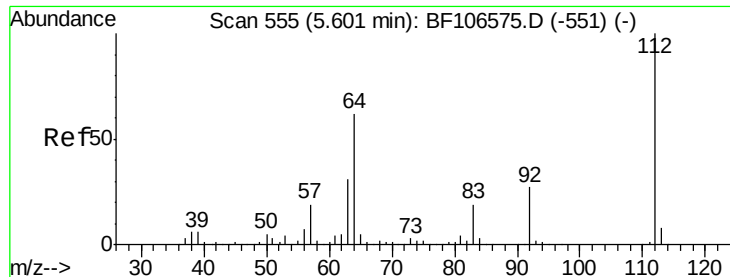


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 97.259 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

Instrument :

BNA_F

ClientSampleId :

SS-T-4-STONE

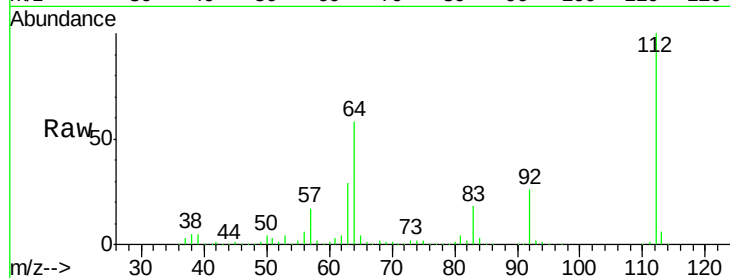
Tgt Ion: 112 Resp: 592751

Ion Ratio Lower Upper

112 100

64 57.5 47.9 71.9

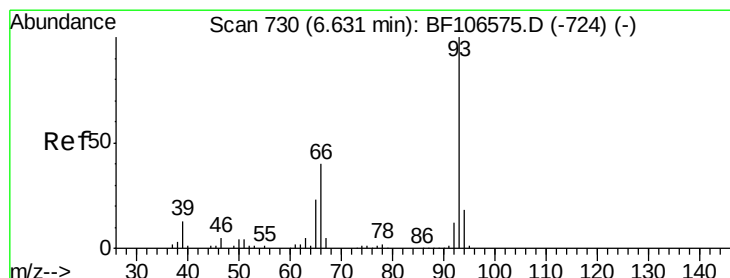
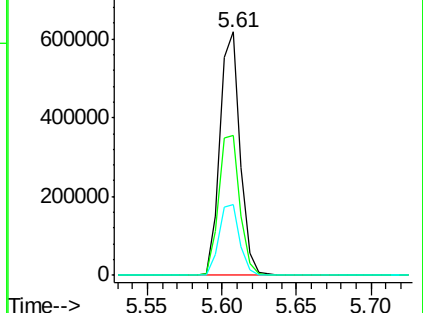
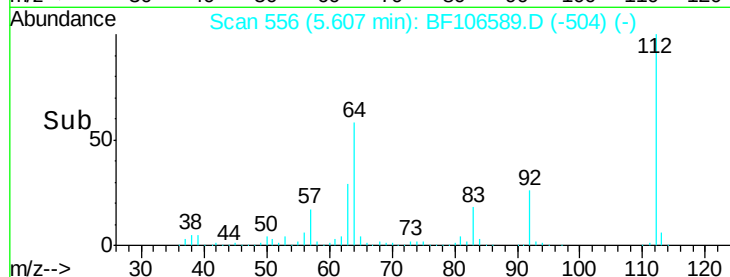
63 28.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.084 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.11 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

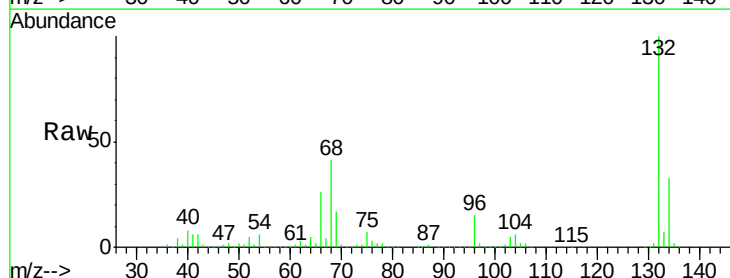
Tgt Ion: 93 Resp: 863

Ion Ratio Lower Upper

93 100

66 16690.3 32.2 48.2#

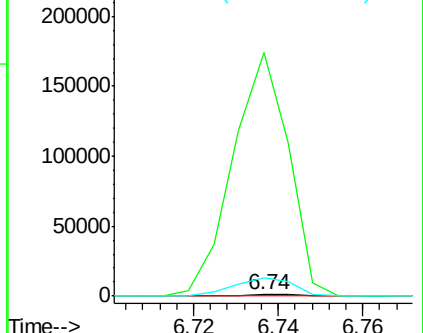
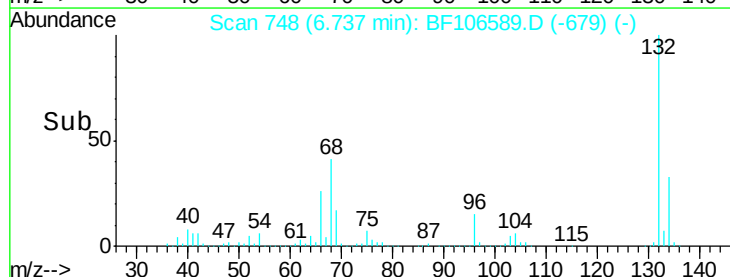
65 1295.4 16.4 24.6#

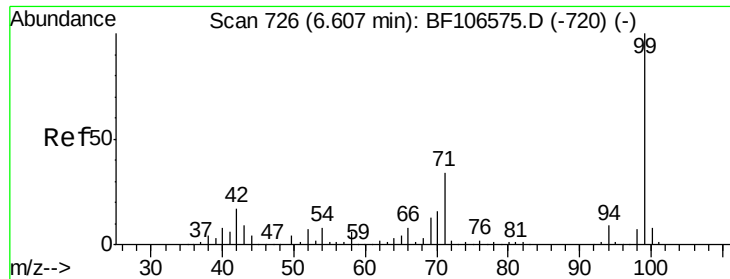


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.731 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

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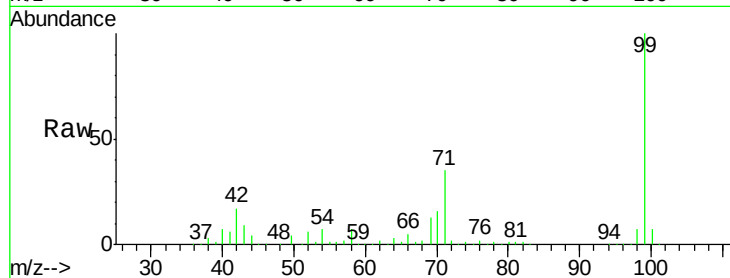
Tgt Ion: 99 Resp: 736211

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

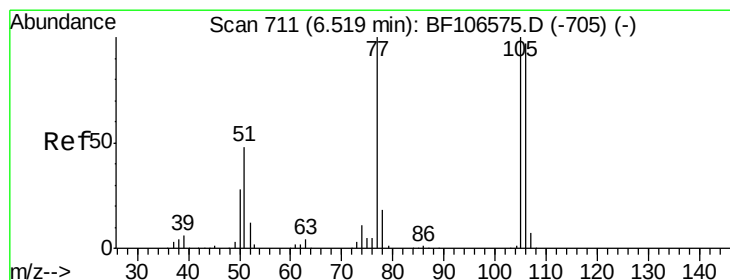
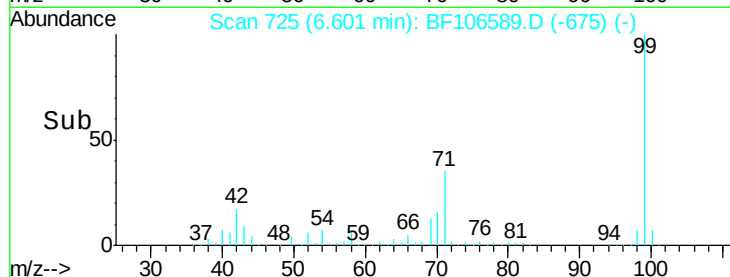
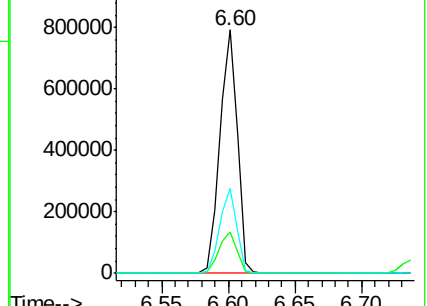
71 34.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.238 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

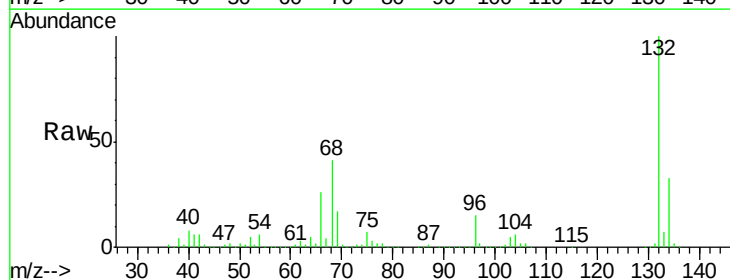
Tgt Ion: 77 Resp: 14315

Ion Ratio Lower Upper

77 100

105 87.6 81.1 121.1

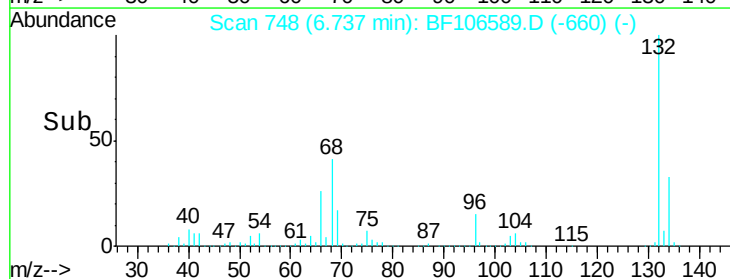
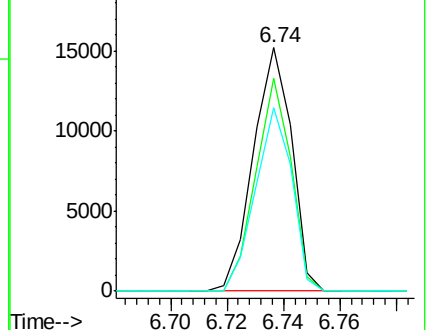
106 75.5 74.5 114.5

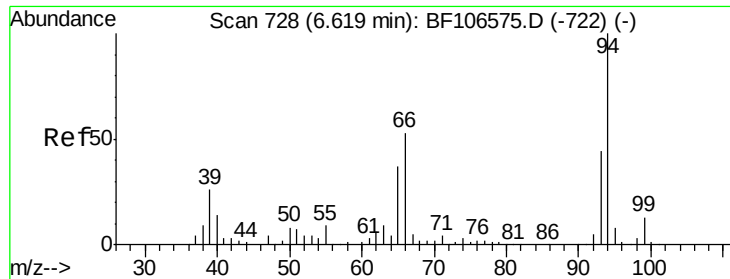


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

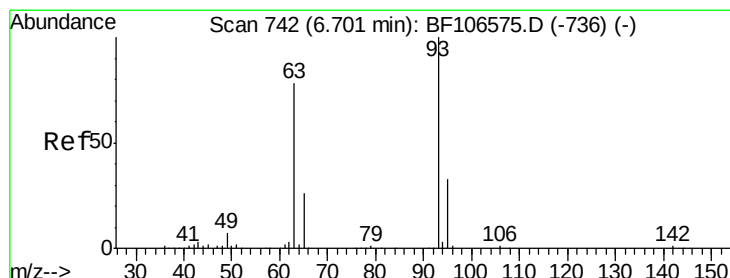
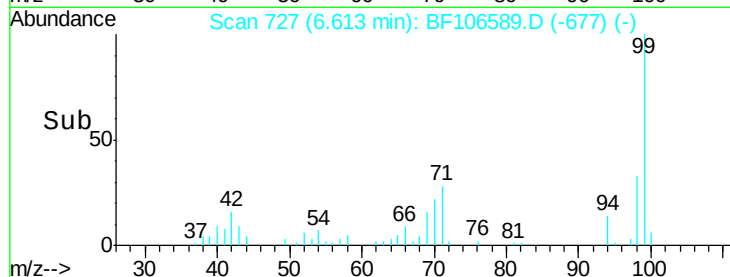
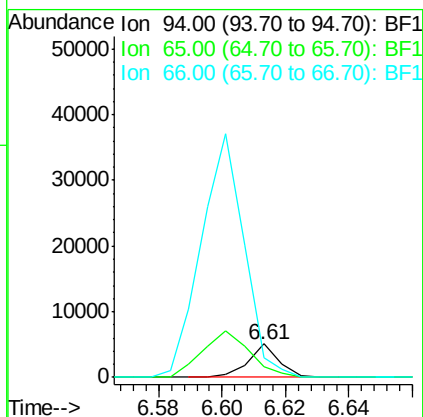
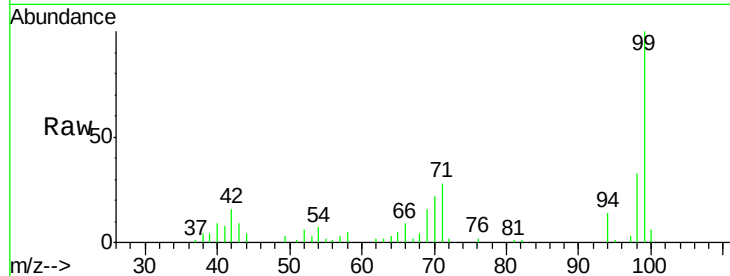




#10
Phenol
Concen: 0.382 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

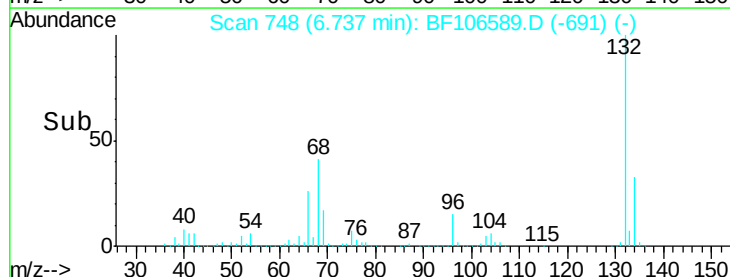
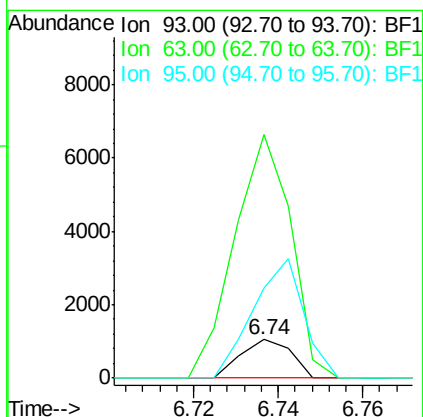
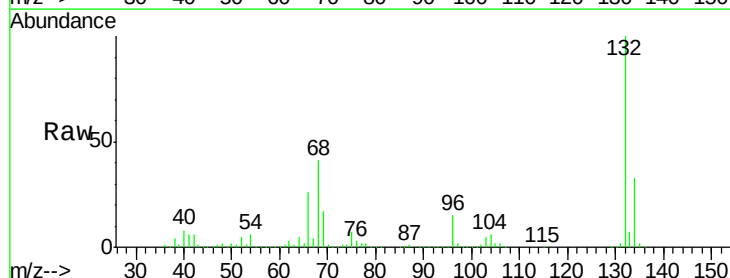
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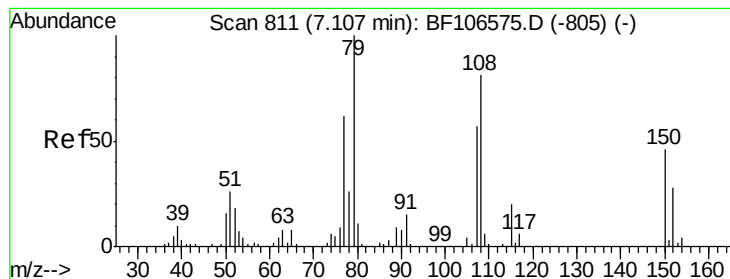
Tgt Ion: 94 Resp: 3321
Ion Ratio Lower Upper
94 100
65 34.0 7.9 47.9
66 60.8 16.2 56.2#



#11
bis(2-Chloroethyl)ether
Concen: 0.120 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.04 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

Tgt Ion: 93 Resp: 863
Ion Ratio Lower Upper
93 100
63 636.5 58.6 98.6#
95 234.2 11.8 51.8#





#15

Benzyl Alcohol

Concen: 1.353 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

Instrument :

BNA_F

ClientSampleId :

SS-T-4-STONE

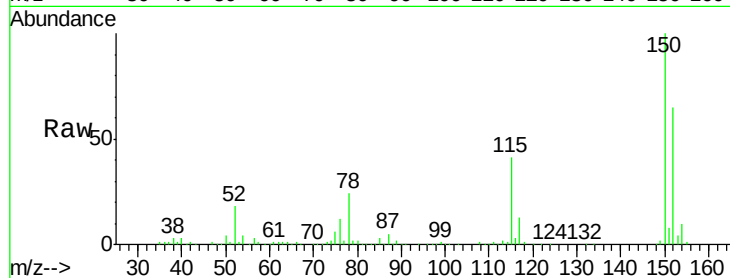
Tgt Ion: 79 Resp: 8271

Ion Ratio Lower Upper

79 100

108 32.7 65.1 97.7#

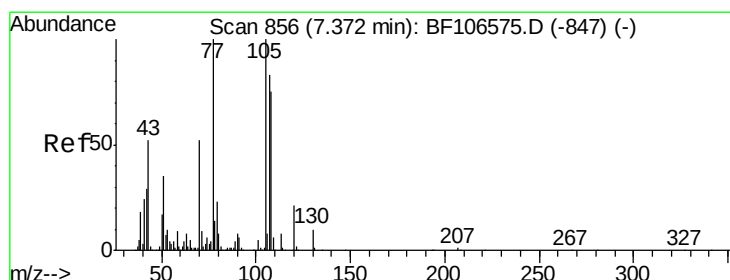
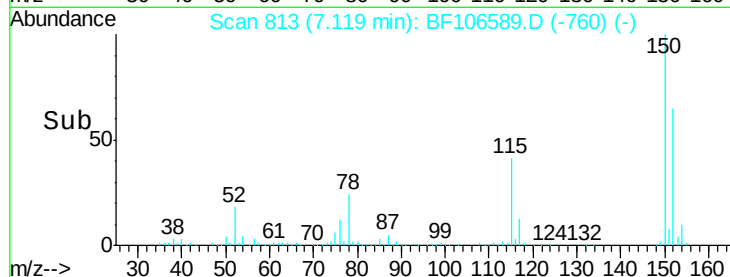
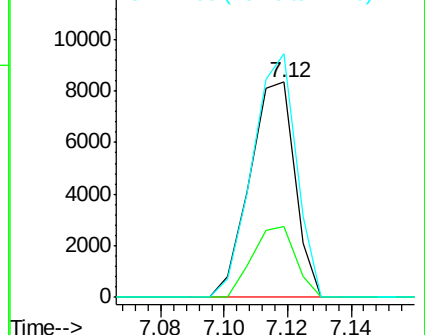
77 113.2 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.235 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

Tgt Ion: 70 Resp: 66398

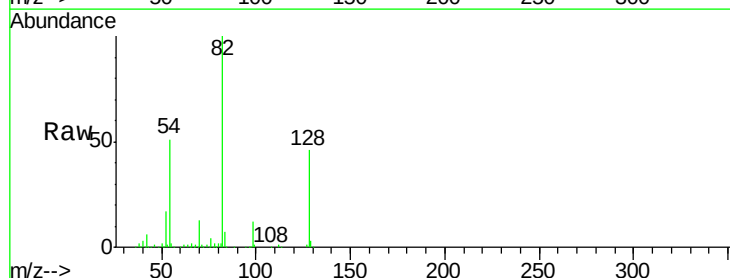
Ion Ratio Lower Upper

70 100

42 44.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

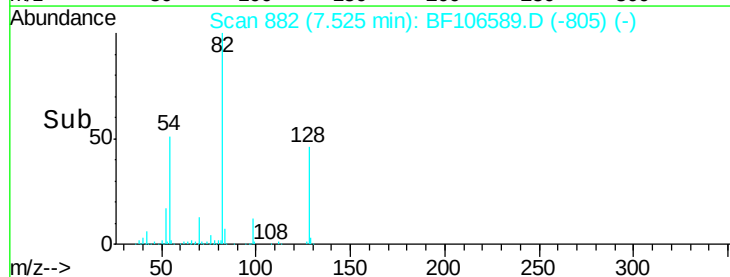
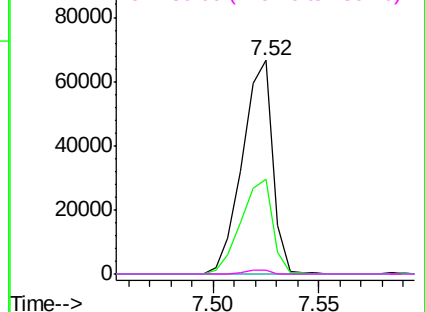


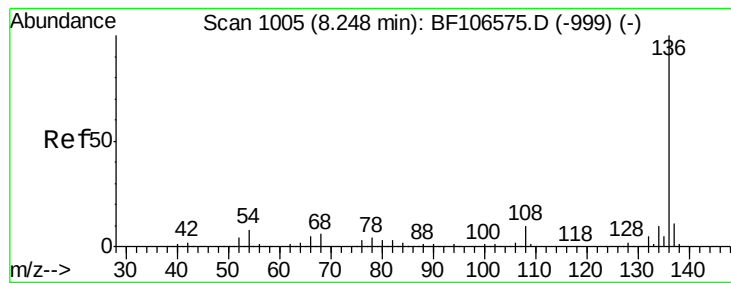
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

Instrument :

BNA_F

ClientSampleId :

SS-T-4-STONE

Tgt Ion: 136 Resp: 396482

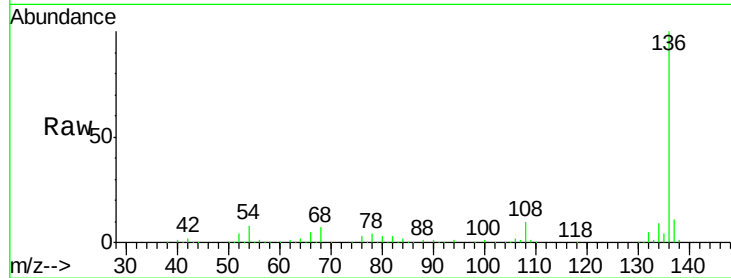
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 6.6 9.8

68 6.6 5.0 7.4

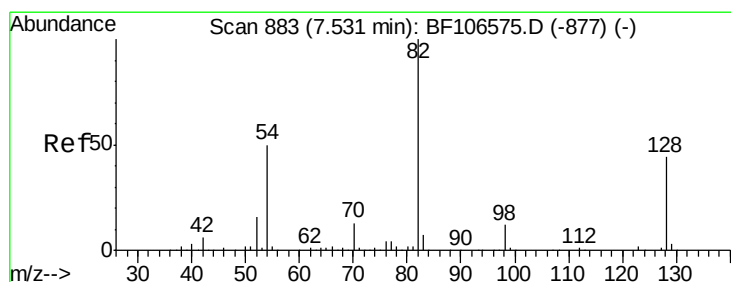
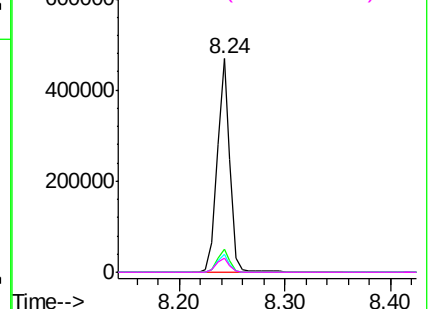
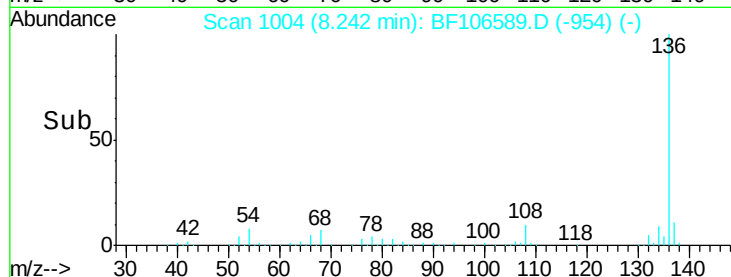


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 69.497 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

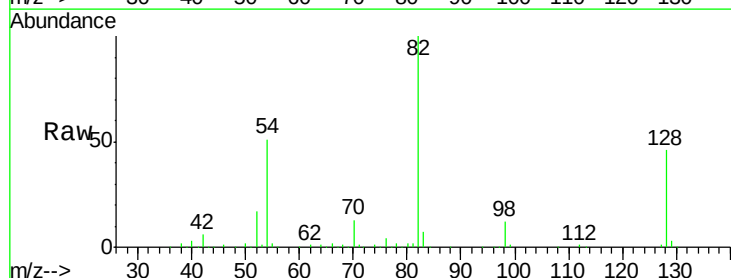
Tgt Ion: 82 Resp: 495820

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

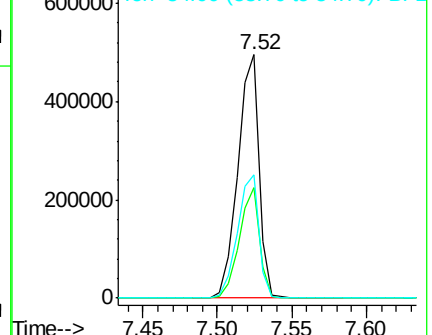
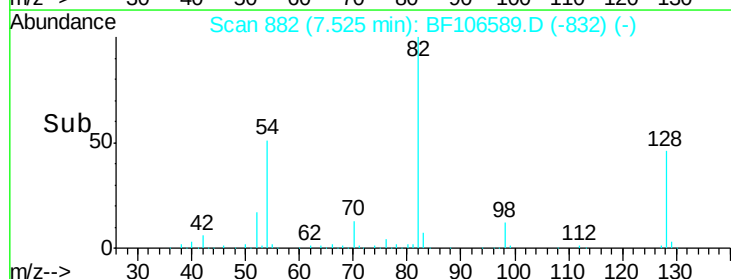
54 50.5 41.4 62.2

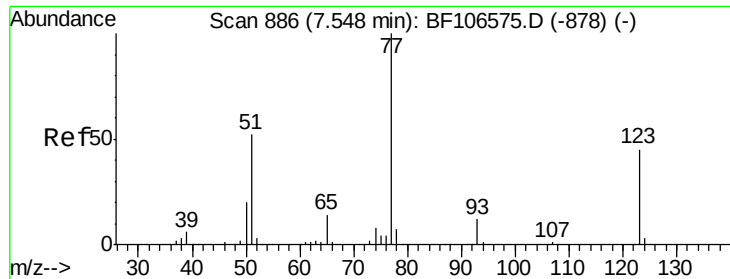


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.185 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

Instrument :

BNA_F

ClientSampleId :

SS-T-4-STONE

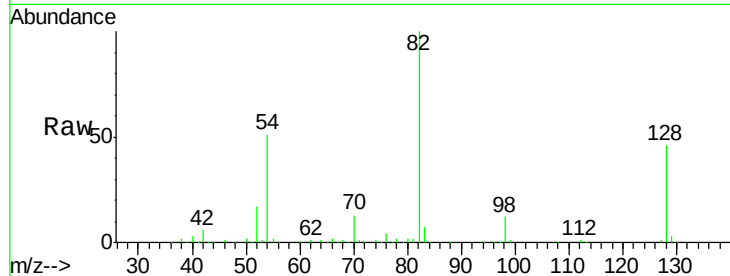
Tgt Ion: 77 Resp: 1348

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

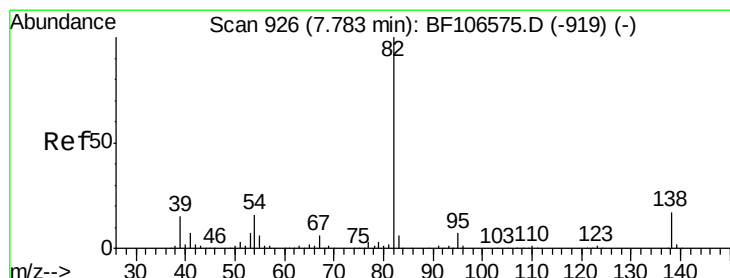
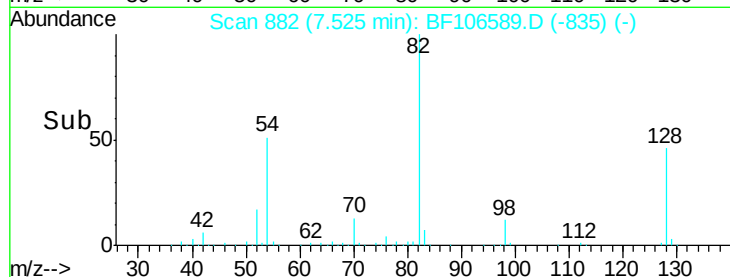
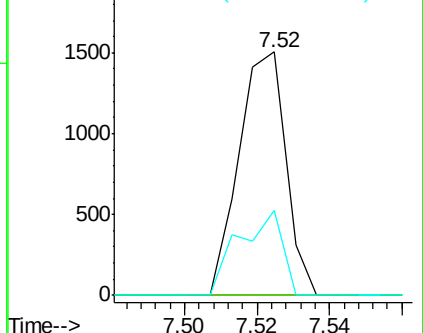
65 34.8 11.0 16.4#



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: 39.439 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

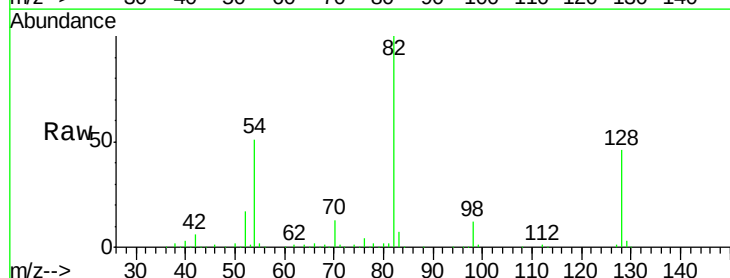
Tgt Ion: 82 Resp: 495815

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

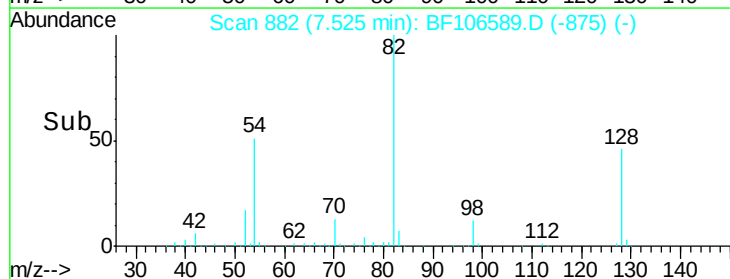
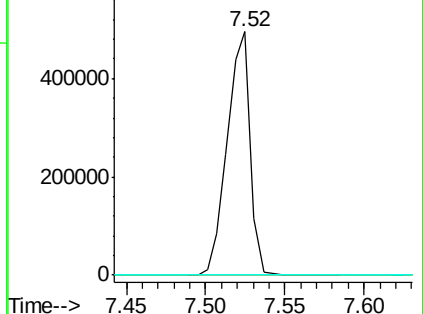
138 0.0 14.9 22.3#

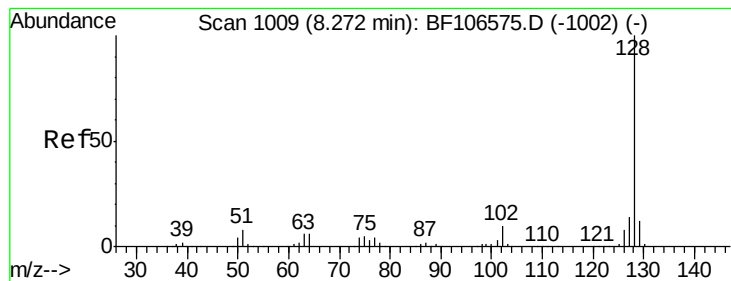


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 0.015 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

Instrument :

BNA_F

ClientSampleId :

SS-T-4-STONE

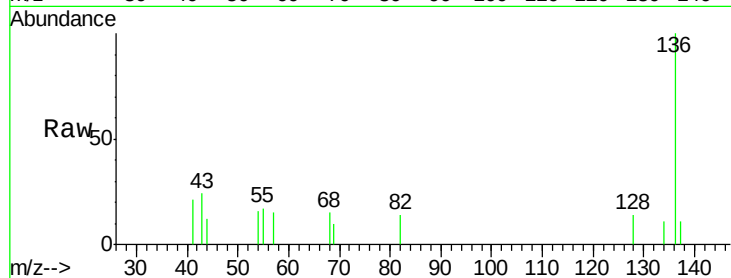
Tgt Ion:128 Resp: 269

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

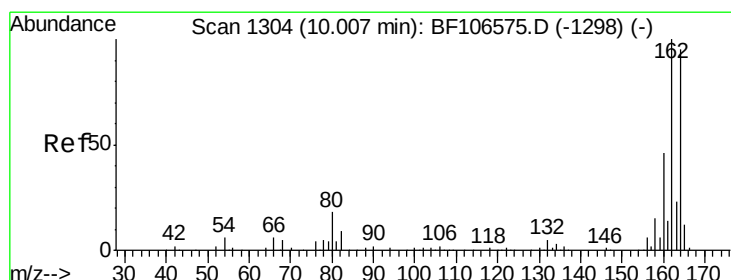
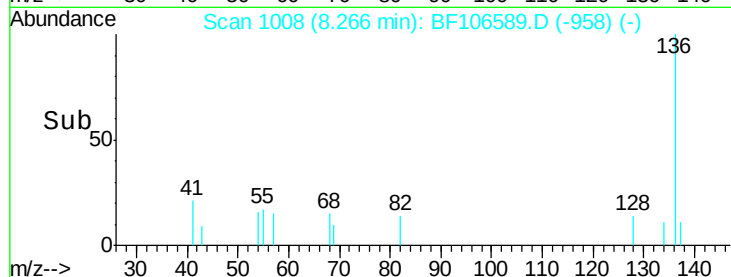
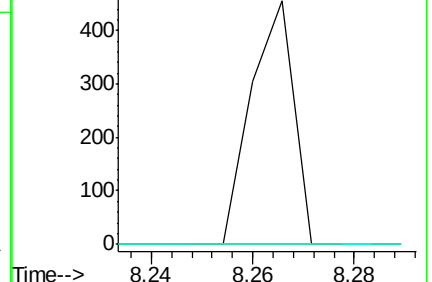
127 0.0 10.9 16.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

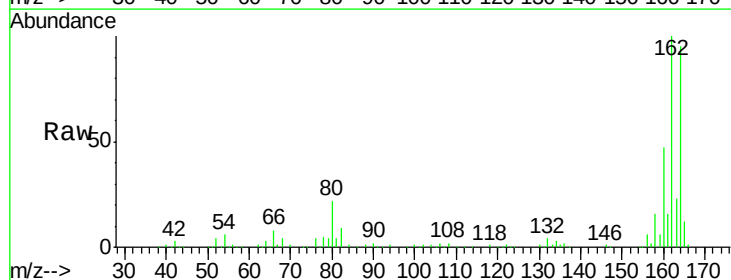
Tgt Ion:164 Resp: 177221

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

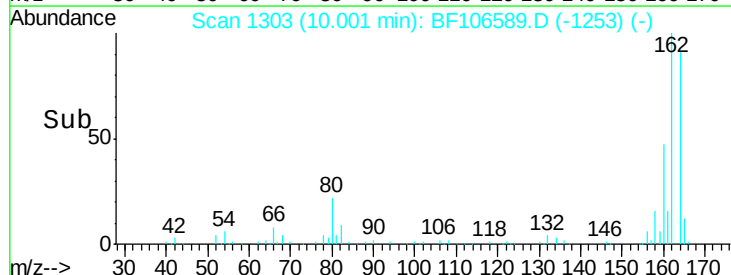
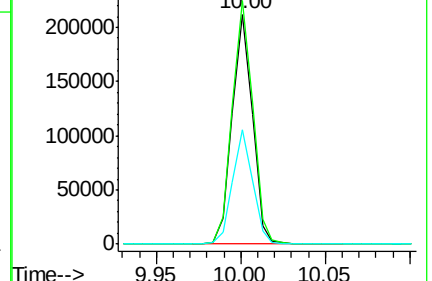
160 50.0 38.3 57.5

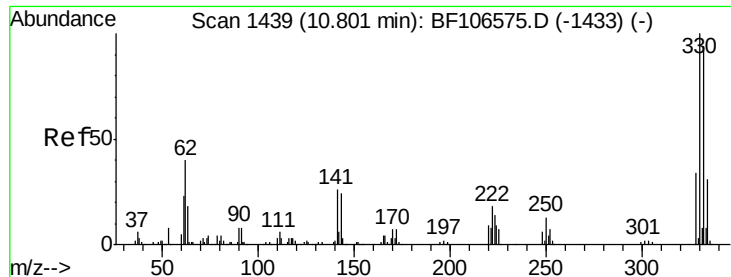


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

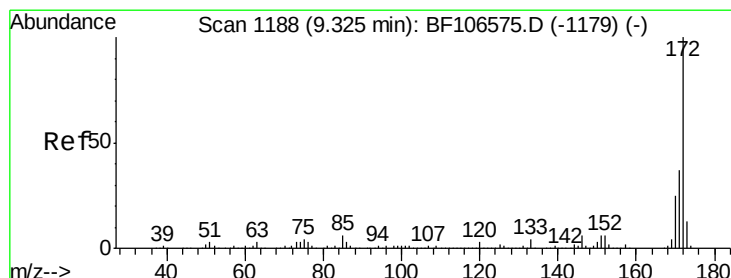
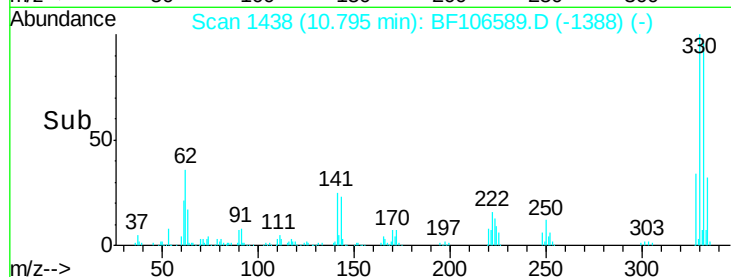
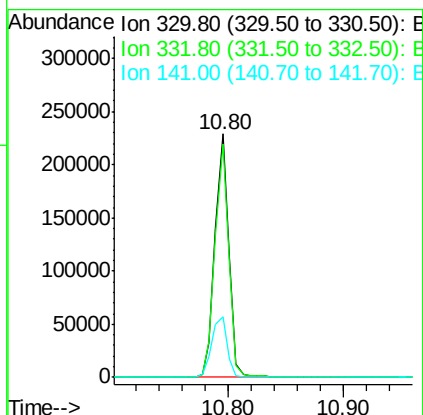
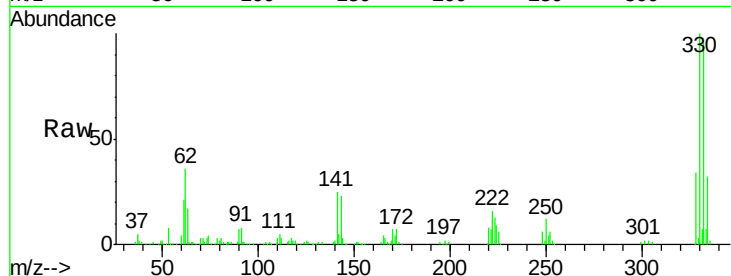




#41
 2,4,6-Tribromophenol
 Concen: 93.229 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106589.D
 Acq: 19 Jun 2018 18:28

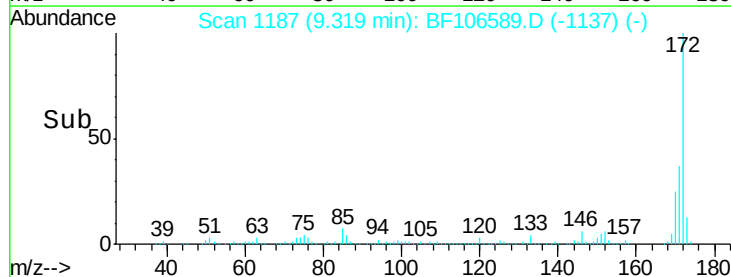
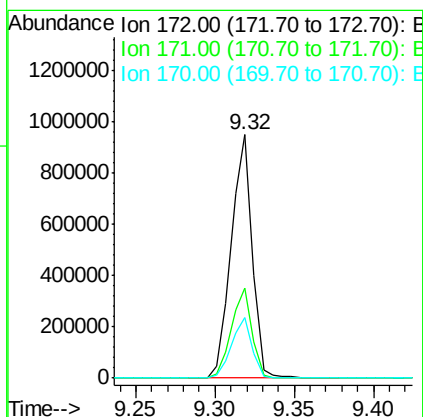
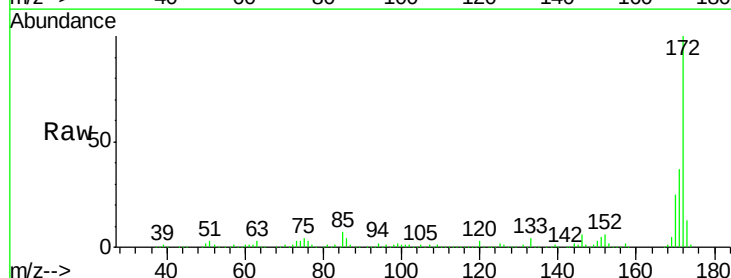
Instrument :
 BNA_F
 ClientSampleId :
 SS-T-4-STONE

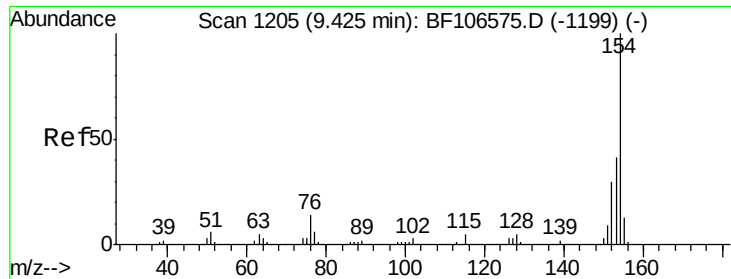
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	27.7	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 83.612 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106589.D
 Acq: 19 Jun 2018 18:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	19.6	29.4

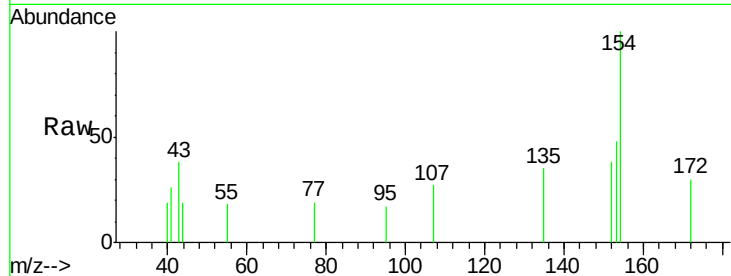




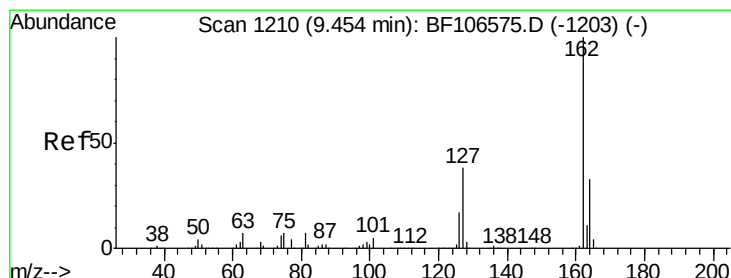
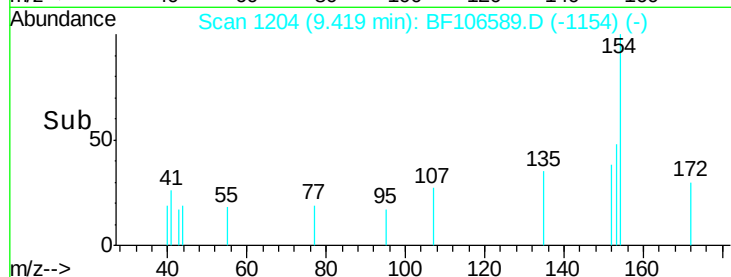
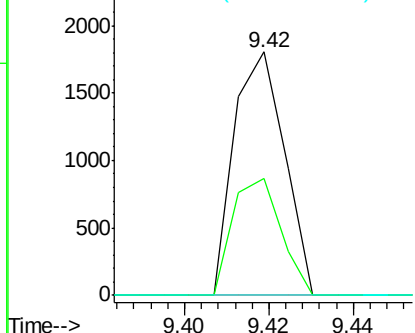
#45
1,1'-Biphenyl
Concen: 0.105 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

Tgt Ion:154 Resp: 1490
Ion Ratio Lower Upper
154 100
153 48.2 21.3 61.3
76 0.0 0.0 34.0

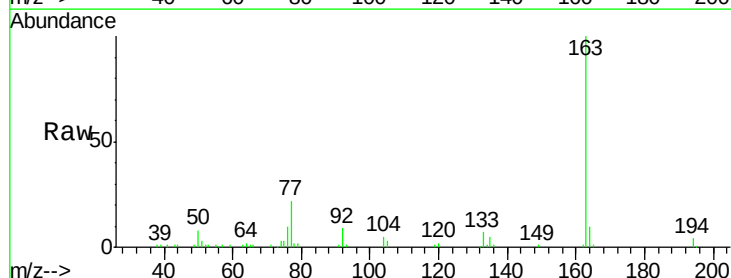


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

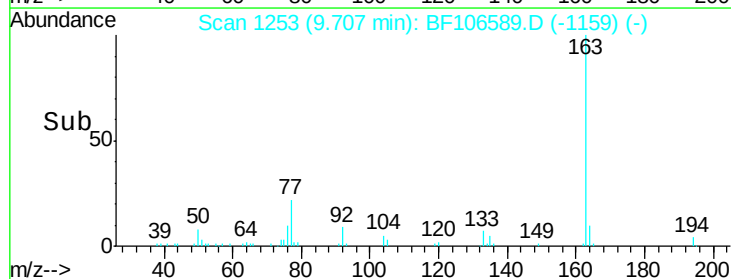
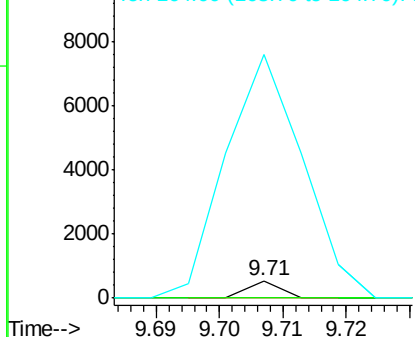


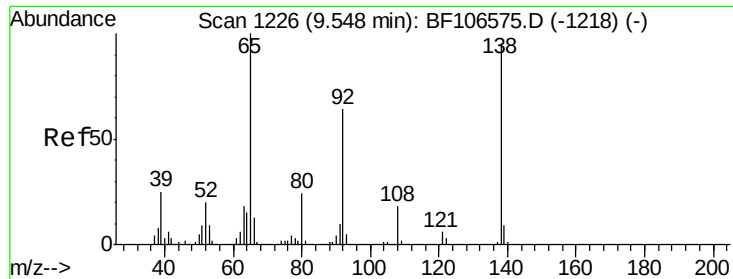
#46
2-Chloronaphthalene
Concen: 0.017 ng
RT: 9.71 min Scan# 1253
Delta R.T. 0.25 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

Tgt Ion:162 Resp: 192
Ion Ratio Lower Upper
162 100
127 0.0 33.9 50.9#
164 1398.7 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

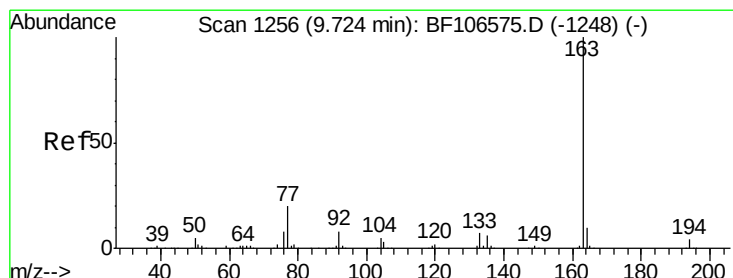
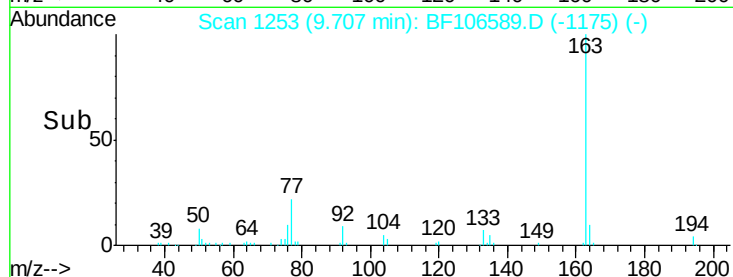
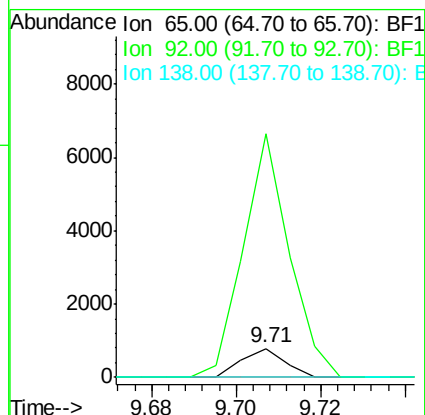
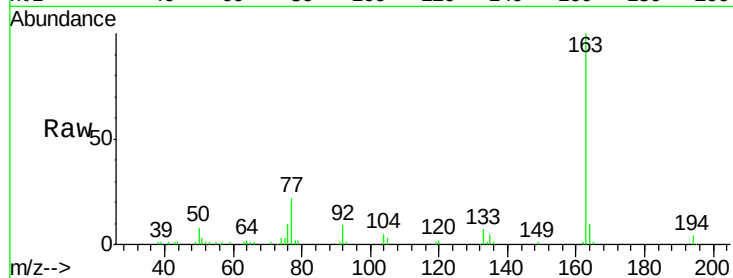




#47
2-Nitroaniline
Concen: 0.147 ng
RT: 9.71 min Scan# 1253
Delta R.T. 0.16 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

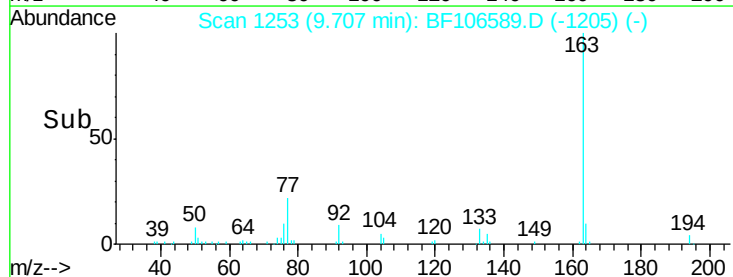
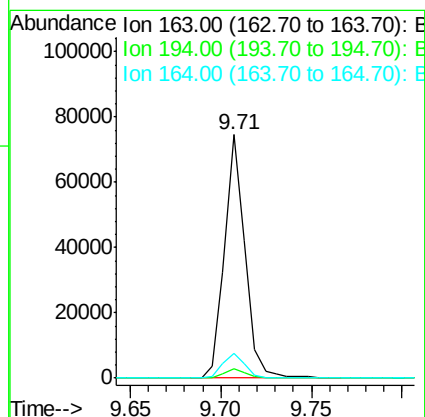
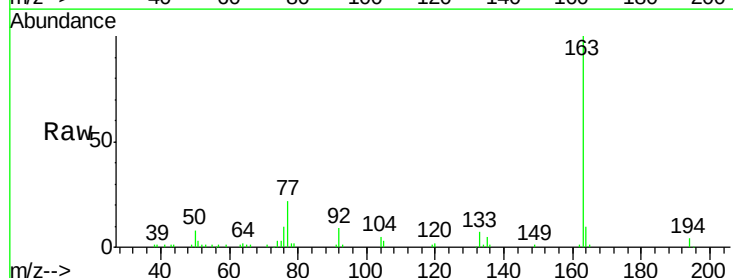
Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

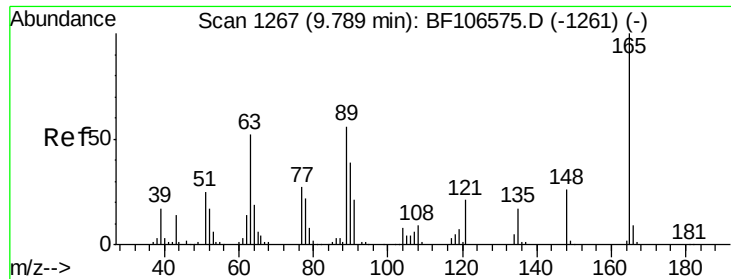
Tgt Ion: 65 Resp: 550
Ion Ratio Lower Upper
65 100
92 839.8 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 4.422 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

Tgt Ion: 163 Resp: 58773
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

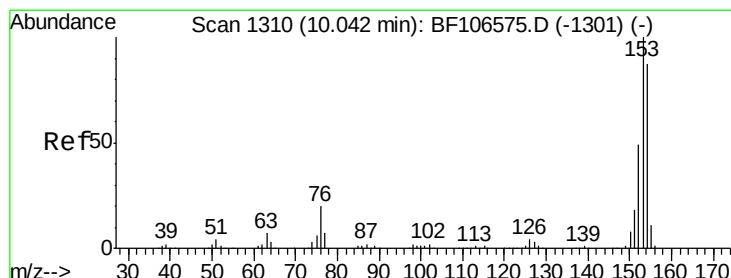
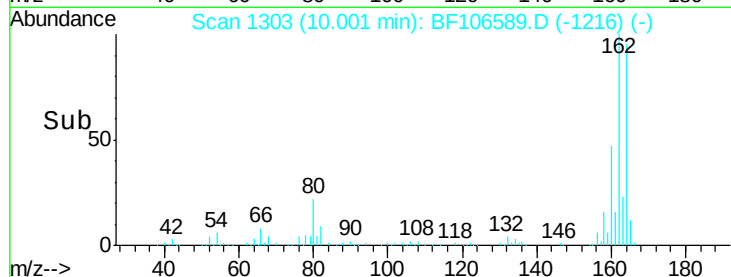
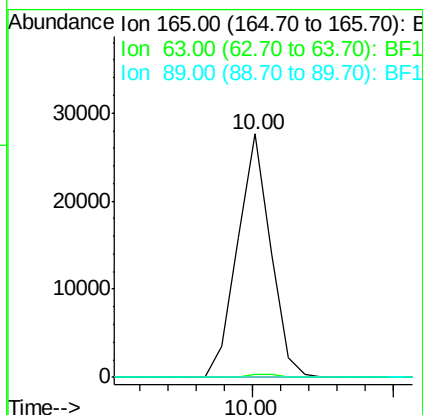
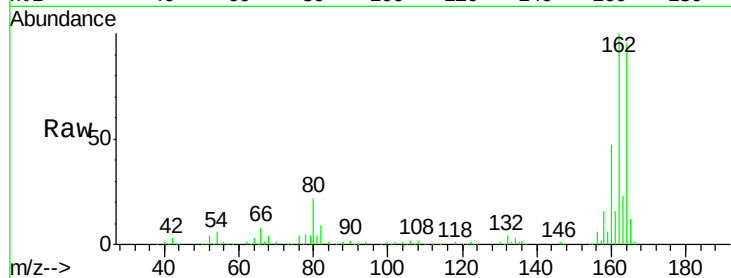




#50
 2,6-Dinitrotoluene
 Concen: 7.985 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF106589.D
 Acq: 19 Jun 2018 18:28

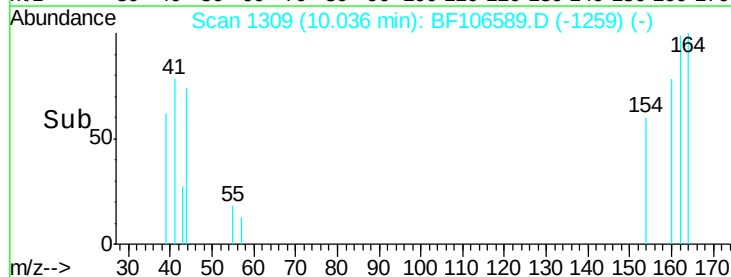
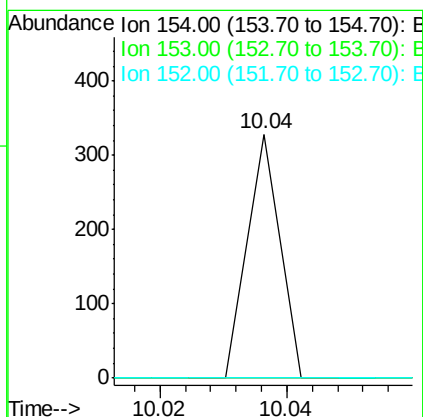
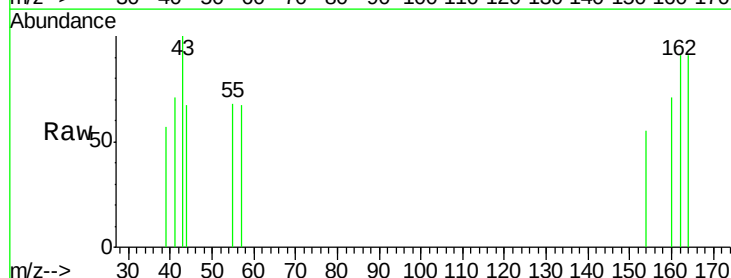
Instrument :
 BNA_F
 ClientSampleId :
 SS-T-4-STONE

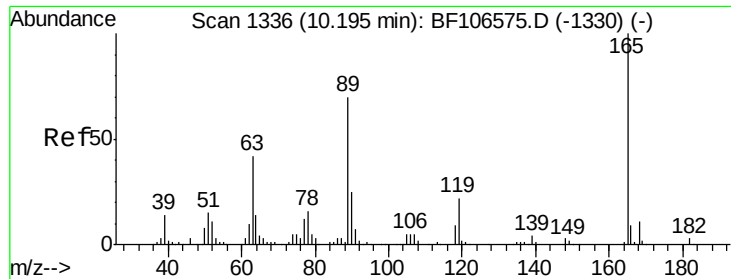
Tgt Ion:165 Resp: 22474
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 0.0 44.0 66.0#



#51
 Acenaphthene
 Concen: 0.010 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF106589.D
 Acq: 19 Jun 2018 18:28

Tgt Ion:154 Resp: 116
 Ion Ratio Lower Upper
 154 100
 153 0.0 91.2 136.8#
 152 0.0 43.8 65.8#

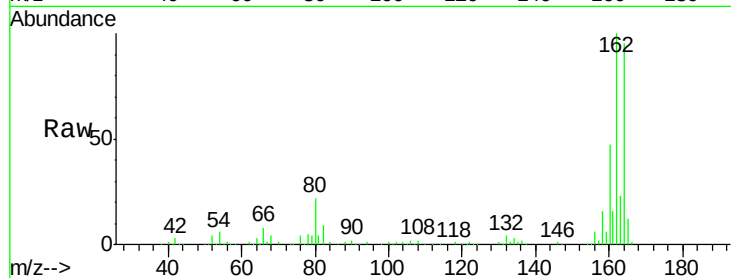




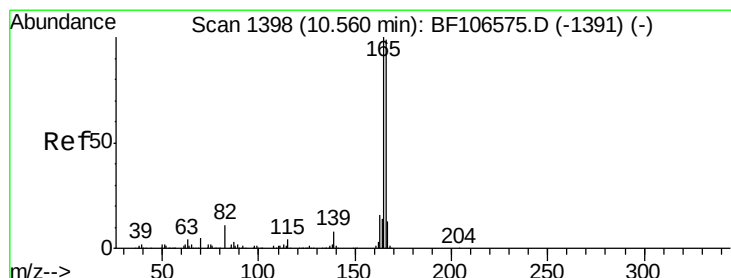
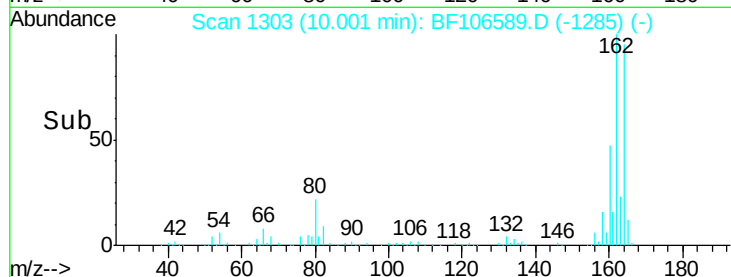
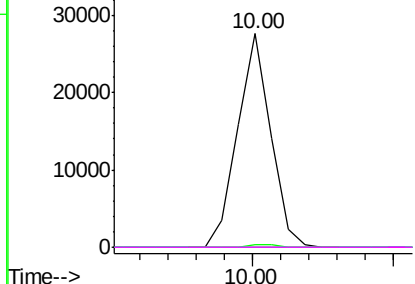
#56
 2,4-Dinitrotoluene
 Concen: 6.117 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF106589.D
 Acq: 19 Jun 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SS-T-4-STONE

Tgt Ion:	165	Resp:	22474
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

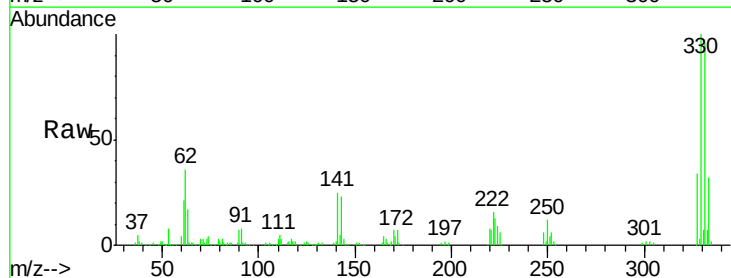


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

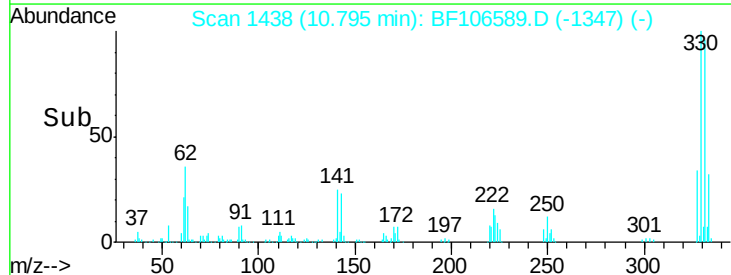
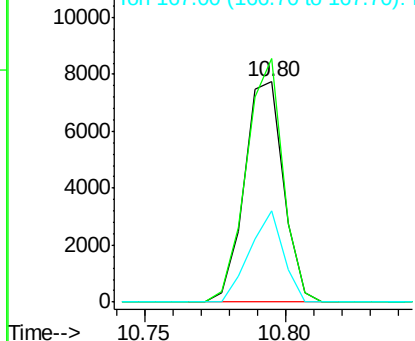


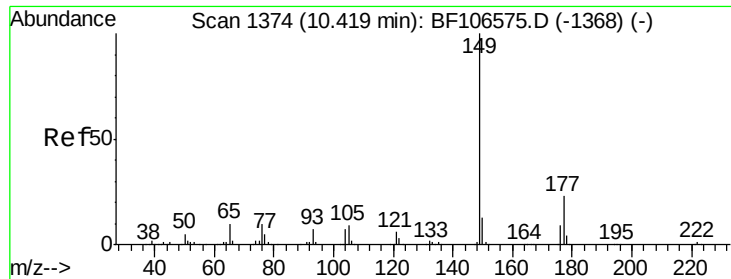
#57
 Fluorene
 Concen: 0.621 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.24 min
 Lab File: BF106589.D
 Acq: 19 Jun 2018 18:28

Tgt Ion:	166	Resp:	7454
Ion	Ratio	Lower	Upper
166	100		
165	110.7	79.8	119.8
167	41.5	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

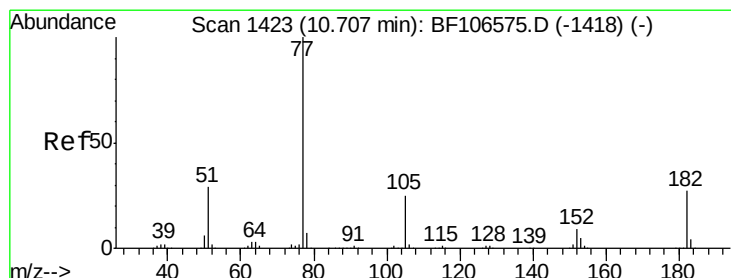
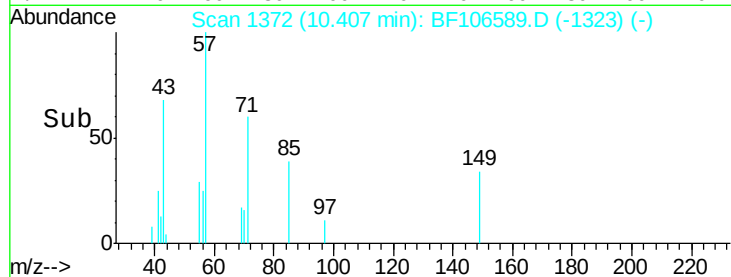
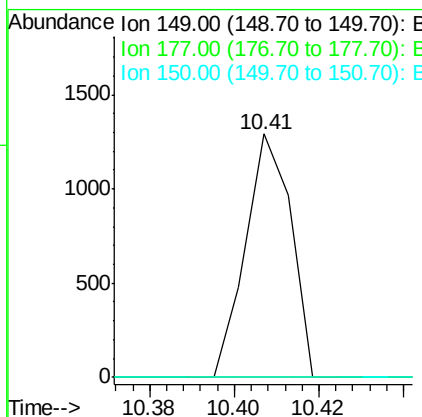
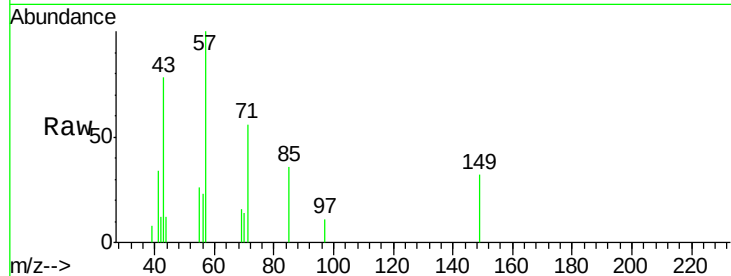




#59
Diethylphthalate
Concen: 0.075 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

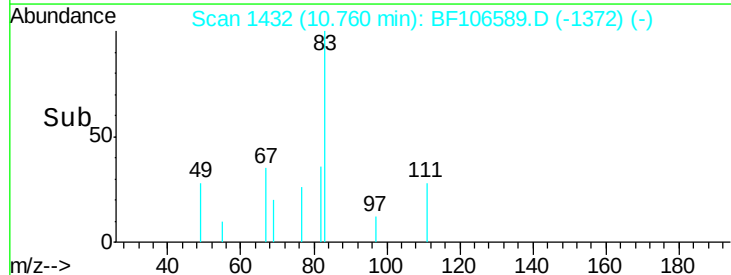
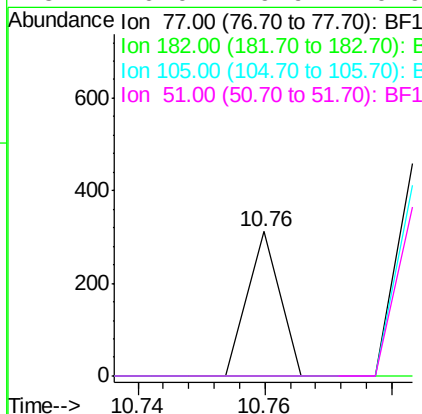
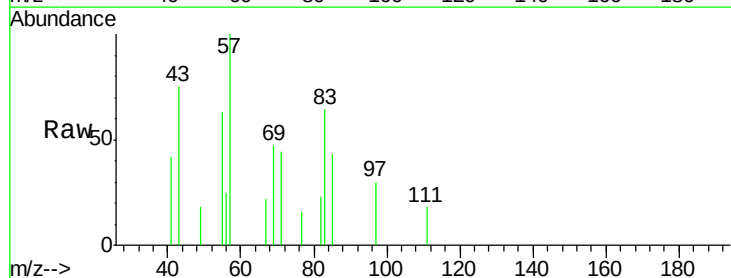
Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

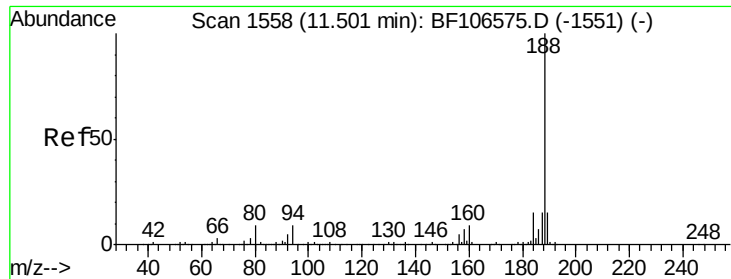
Tgt Ion: 149 Resp: 965
Ion Ratio Lower Upper
149 100
177 0.0 16.1 24.1#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.009 ng
RT: 10.76 min Scan# 1432
Delta R.T. 0.05 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

Tgt Ion: 77 Resp: 110
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 0.0 3.0 43.0#
51 0.0 9.9 49.9#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

Instrument :

BNA_F

ClientSampleId :

SS-T-4-STONE

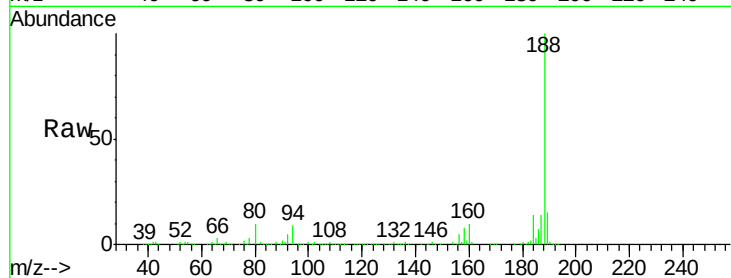
Tgt Ion:188 Resp: 293559

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

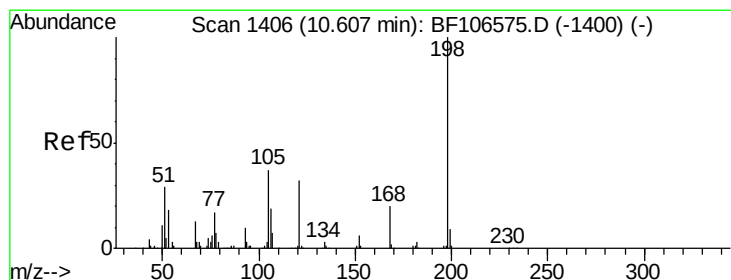
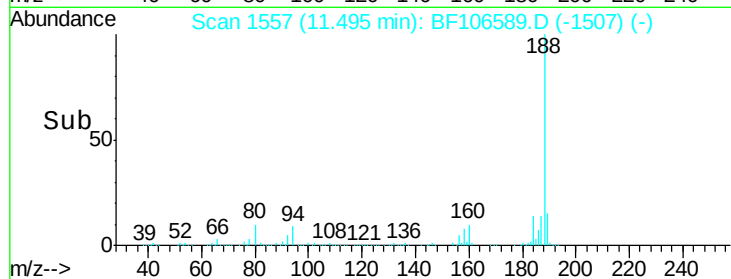
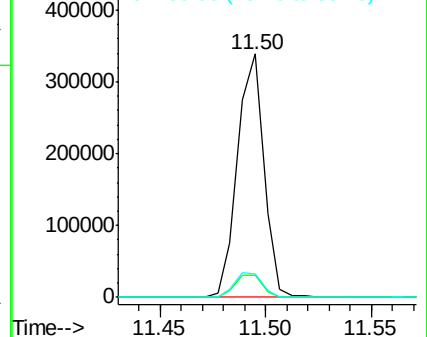
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 0.178 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.19 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

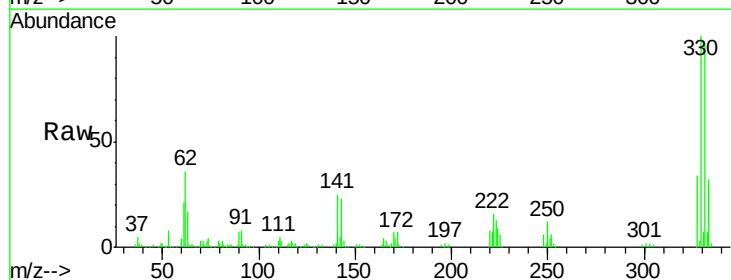
Tgt Ion:198 Resp: 323

Ion Ratio Lower Upper

198 100

51 120.4 37.7 77.7#

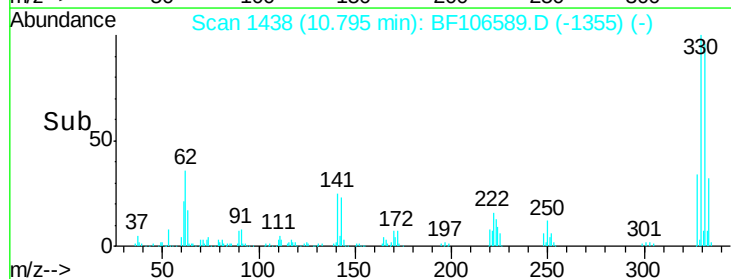
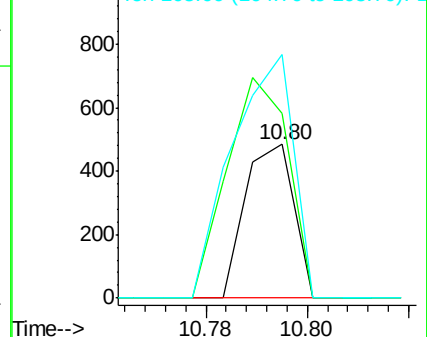
105 158.1 36.3 76.3#

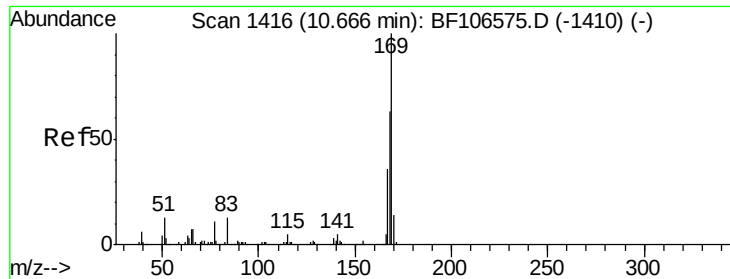


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

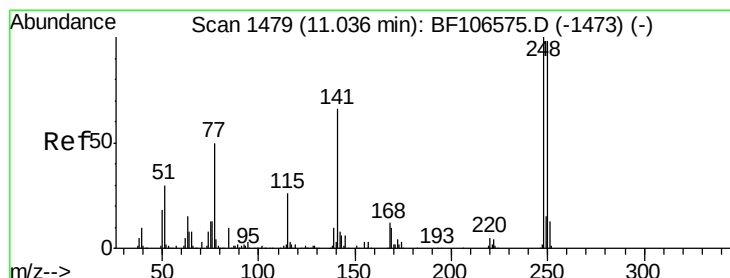
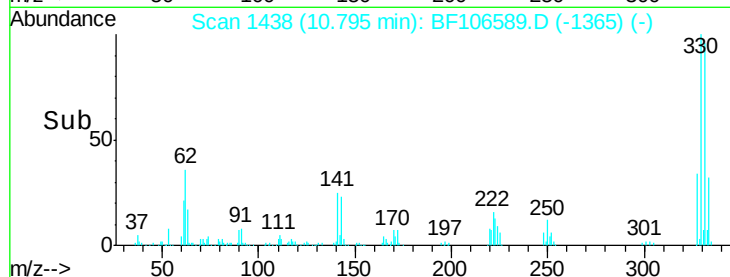
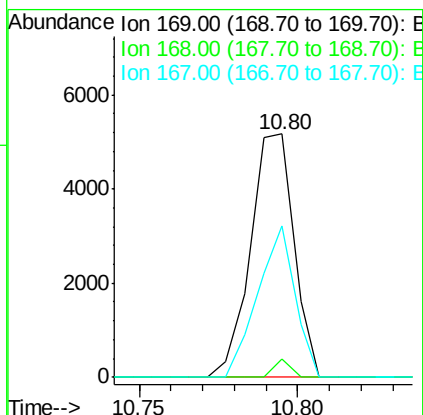
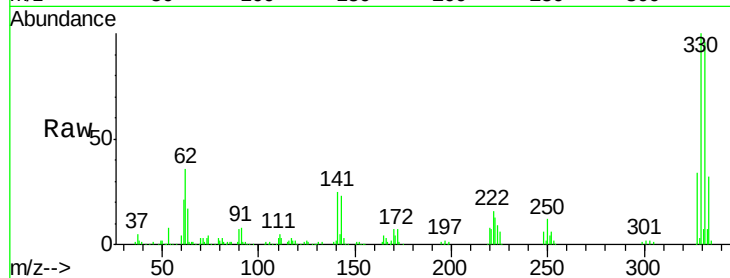




#65
n-Nitrosodiphenylamine
Concen: 0.500 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.13 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

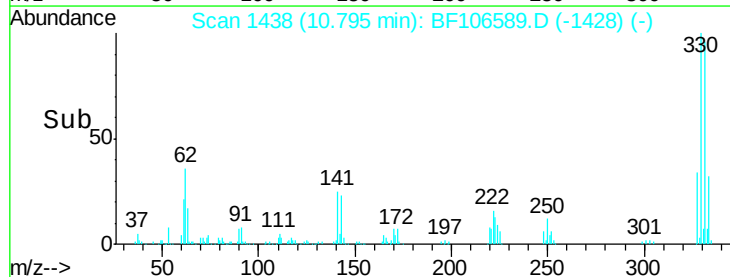
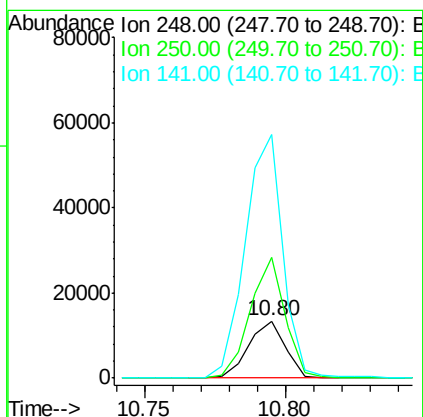
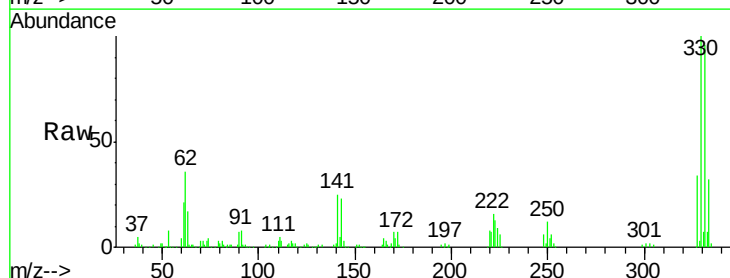
Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

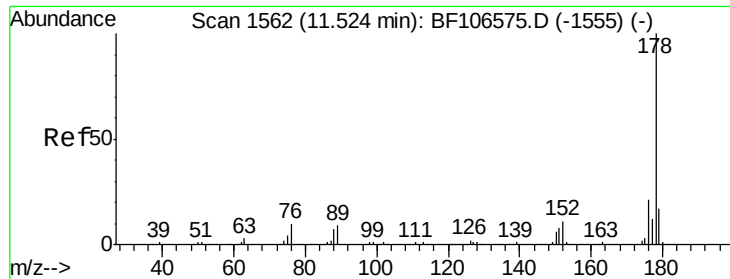
Tgt Ion:169 Resp: 4933
Ion Ratio Lower Upper
169 100
168 7.8 54.4 81.6#
167 62.0 29.8 44.6#



#66
4-Bromophenyl-phenylether
Concen: 3.433 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

Tgt Ion:248 Resp: 12029
Ion Ratio Lower Upper
248 100
250 212.0 76.9 115.3#
141 425.4 74.4 111.6#

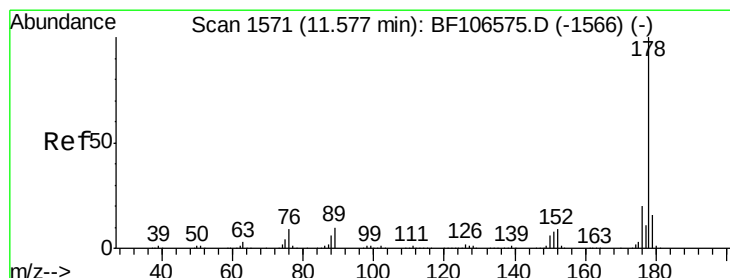
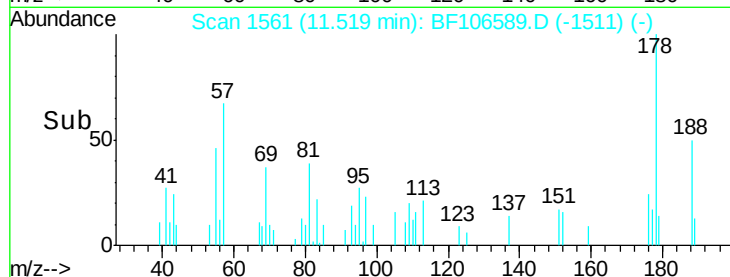
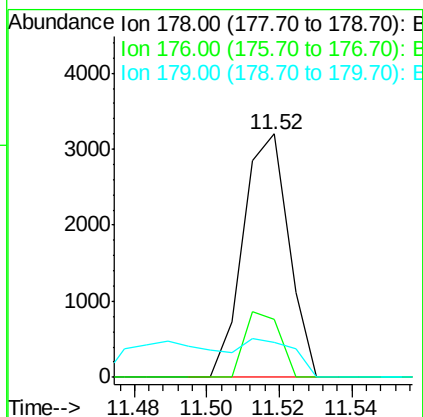
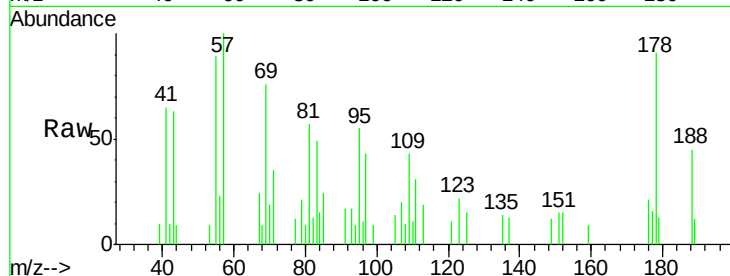




#70
Phenanthrene
Concen: 0.197 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

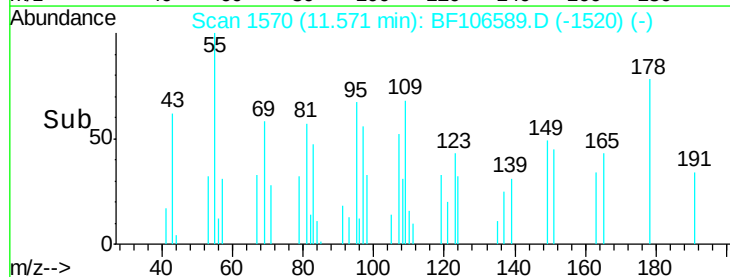
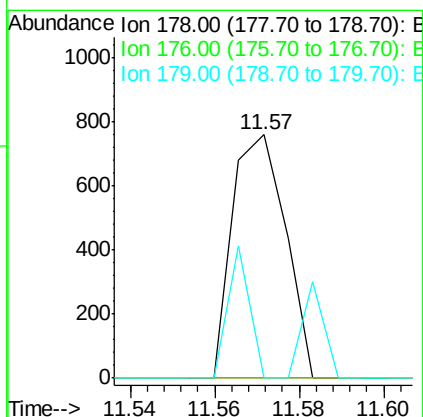
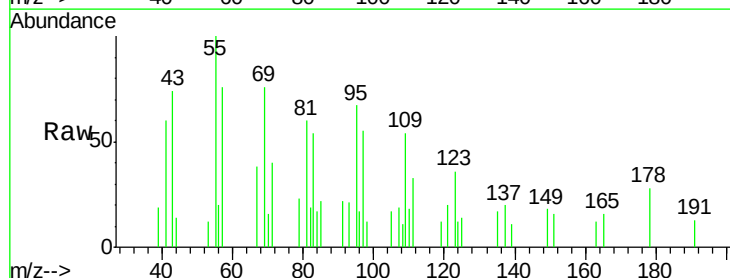
Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

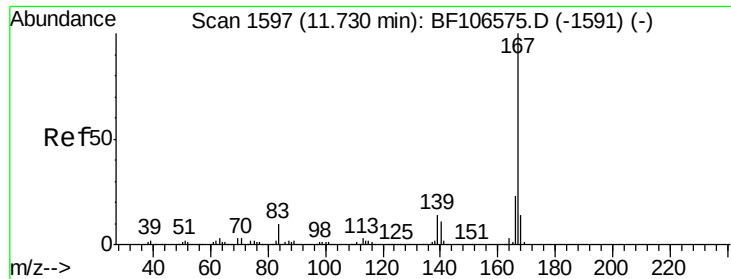
Tgt Ion:178 Resp: 2785
Ion Ratio Lower Upper
178 100
176 23.6 15.8 23.8
179 14.4 13.0 19.6



#71
Anthracene
Concen: 0.046 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

Tgt Ion:178 Resp: 663
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.2#
179 0.0 12.6 19.0#

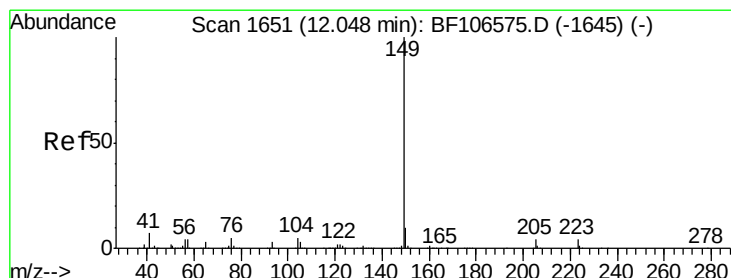
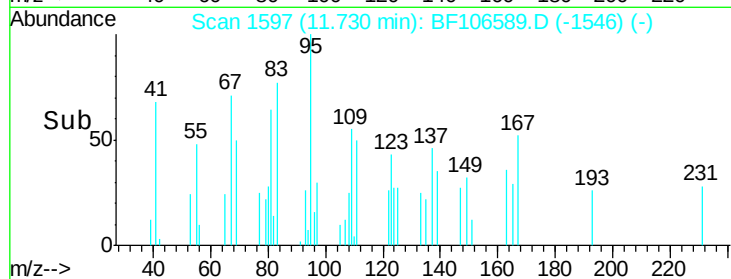
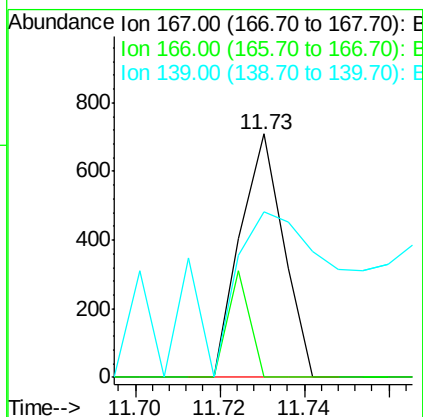
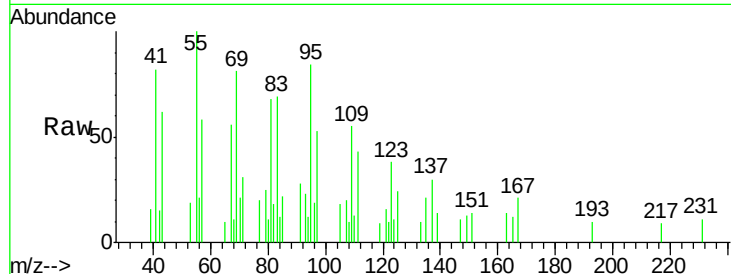




#72
 Carbazole
 Concen: 0.037 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106589.D
 Acq: 19 Jun 2018 18:28

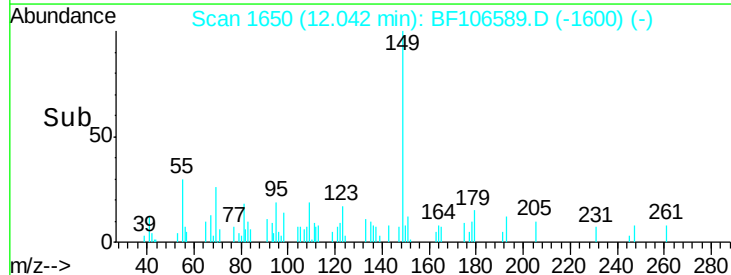
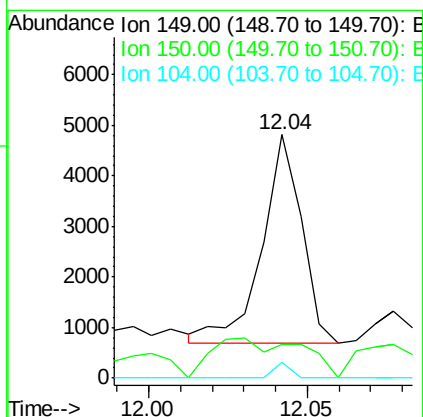
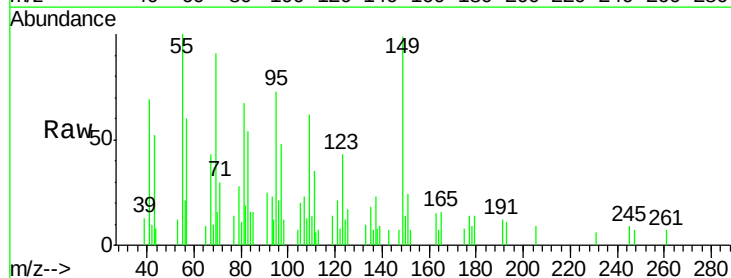
Instrument :
 BNA_F
 ClientSampleId :
 SS-T-4-STONE

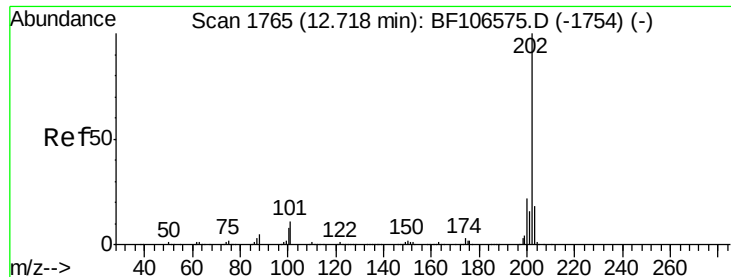
Tgt Ion:167 Resp: 505
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.6 26.4#
 139 68.0 10.9 16.3#



#73
 Di-n-butylphthalate
 Concen: 0.226 ng
 RT: 12.04 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF106589.D
 Acq: 19 Jun 2018 18:28

Tgt Ion:149 Resp: 3603
 Ion Ratio Lower Upper
 149 100
 150 14.1 7.8 11.6#
 104 6.6 3.8 5.8#





#74

Fluoranthene

Concen: 0.313 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

Instrument :

BNA_F

ClientSampleId :

SS-T-4-STONE

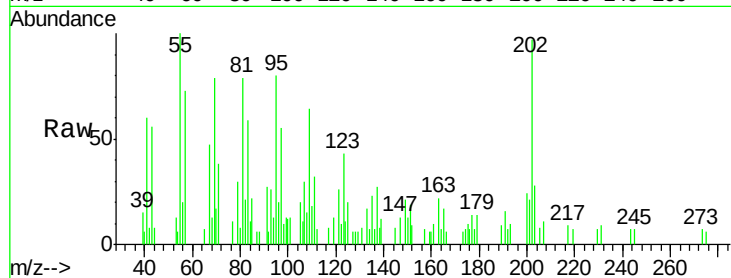
Tgt Ion:202 Resp: 4880

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

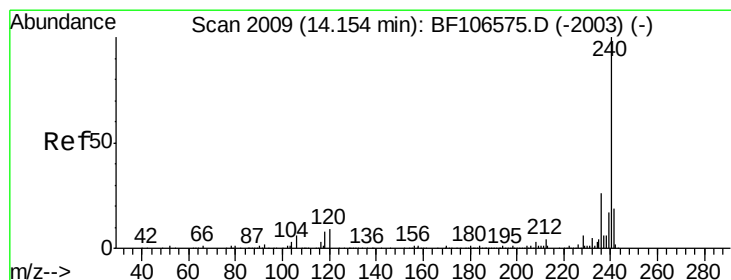
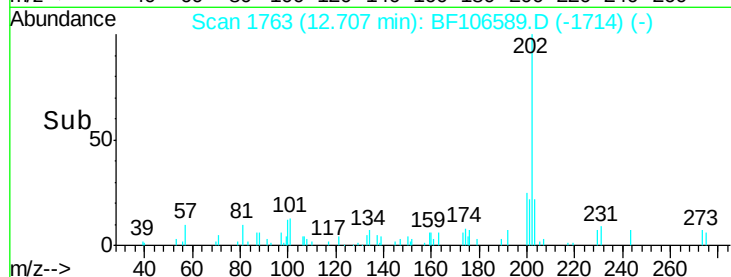
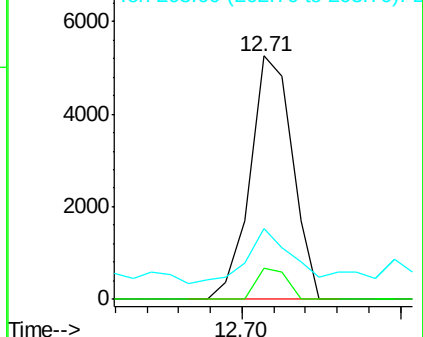
203 29.0 0.0 38.1



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. -0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

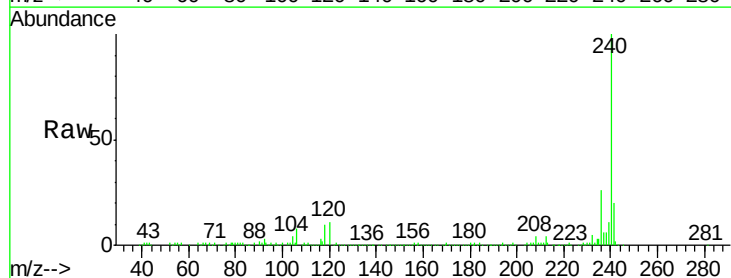
Tgt Ion:240 Resp: 237012

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

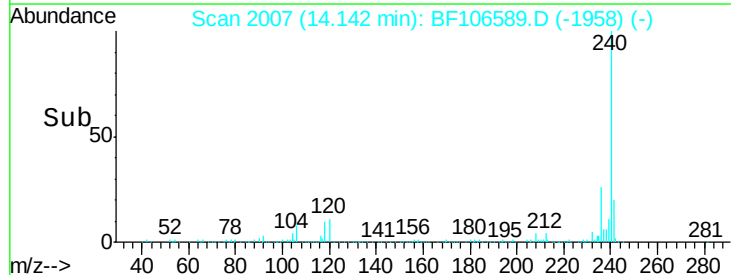
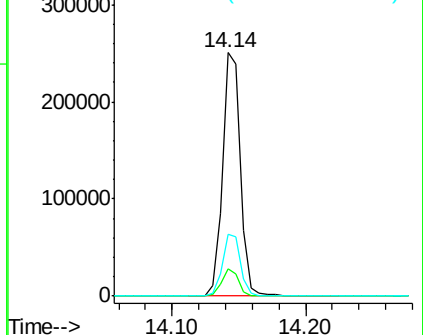
236 25.5 20.7 31.1

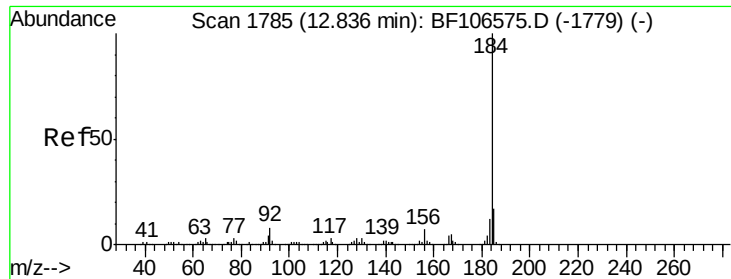


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.267 ng

RT: 13.08 min Scan# 1826

Delta R.T. 0.24 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

Instrument :

BNA_F

ClientSampleId :

SS-T-4-STONE

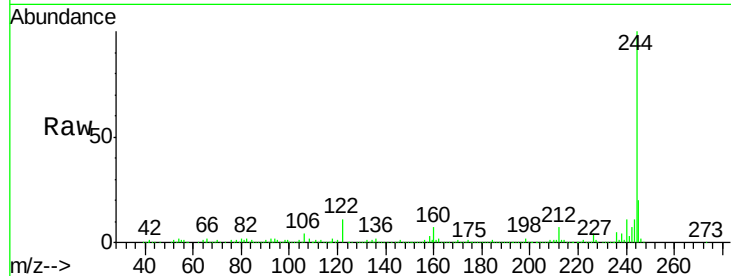
Tgt Ion:184 Resp: 8551

Ion Ratio Lower Upper

184 100

185 18.5 12.6 18.8

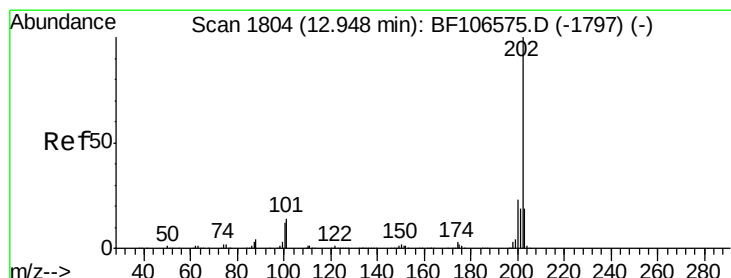
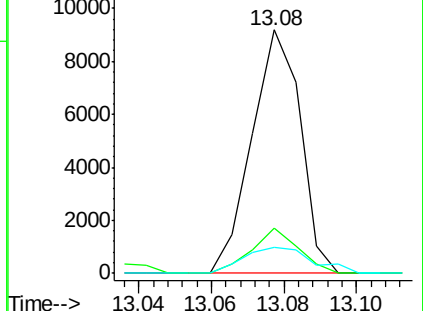
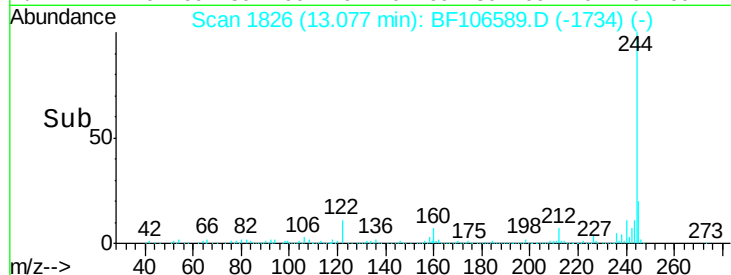
183 10.6 9.3 13.9



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: 0.285 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

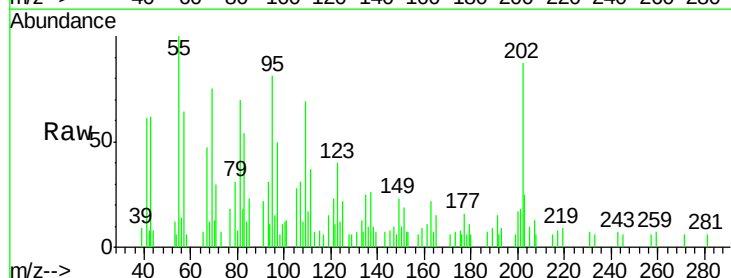
Tgt Ion:202 Resp: 4451

Ion Ratio Lower Upper

202 100

200 19.7 17.4 26.2

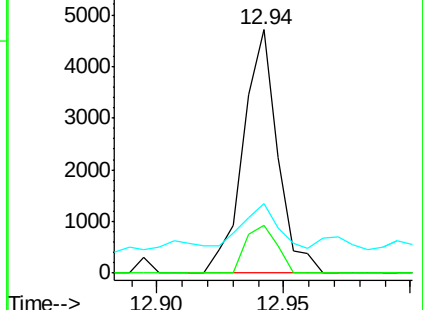
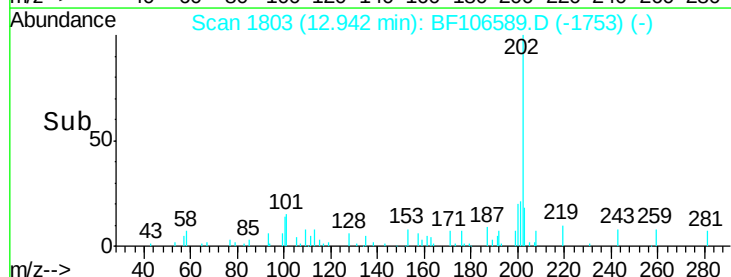
203 28.3 14.3 21.5#

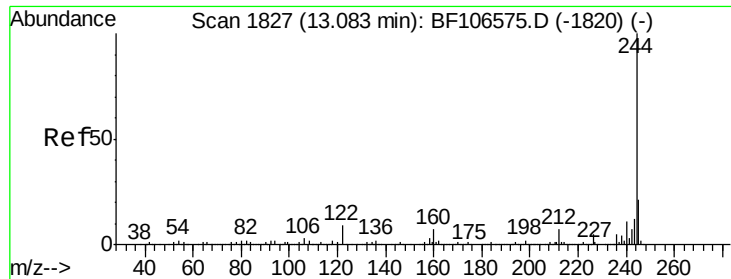


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 71.827 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

Instrument :

BNA_F

ClientSampleId :

SS-T-4-STONE

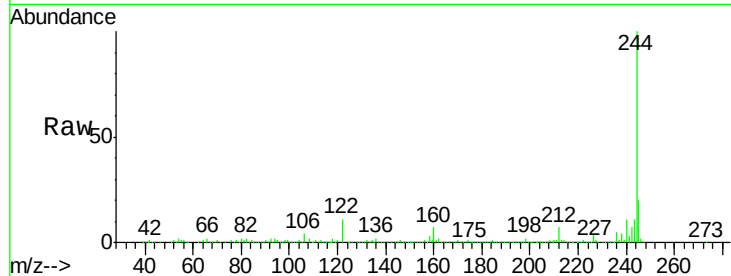
Tgt Ion:244 Resp: 702800

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

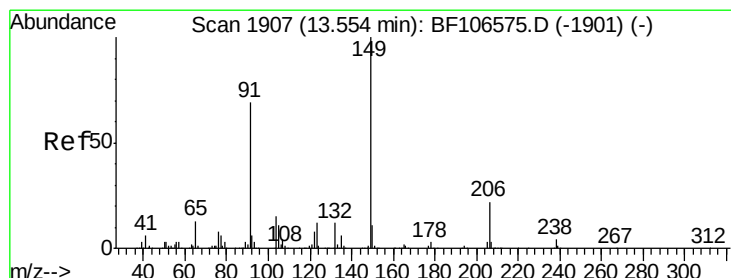
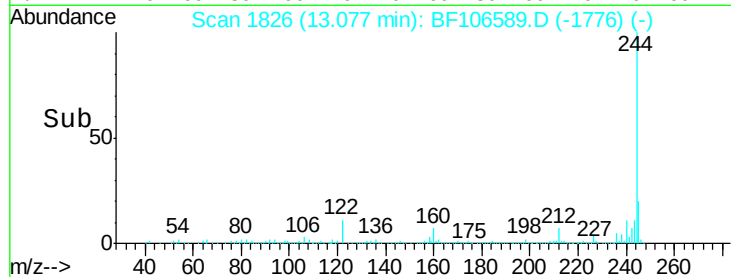
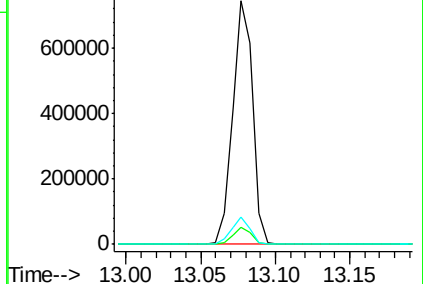
122 11.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.118 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

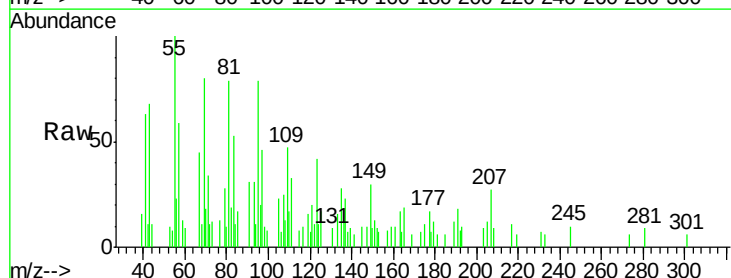
Tgt Ion:149 Resp: 760

Ion Ratio Lower Upper

149 100

91 102.8 56.8 85.2#

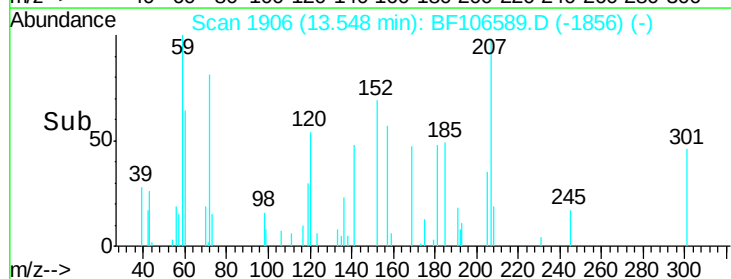
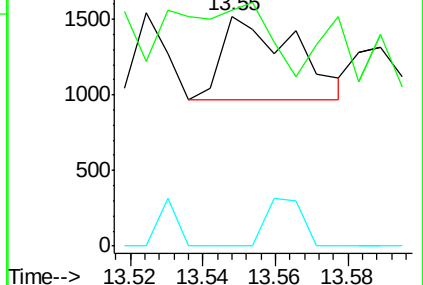
206 0.0 14.1 21.1#

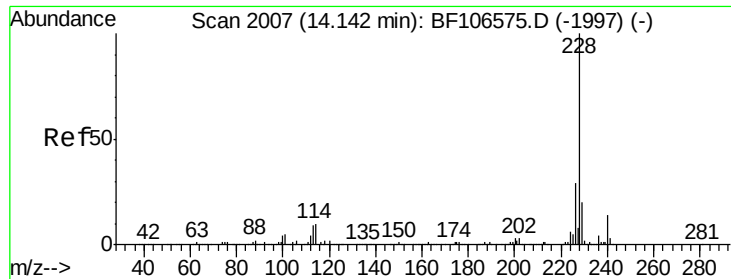


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

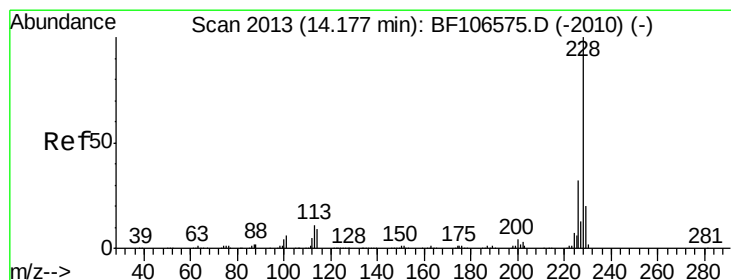
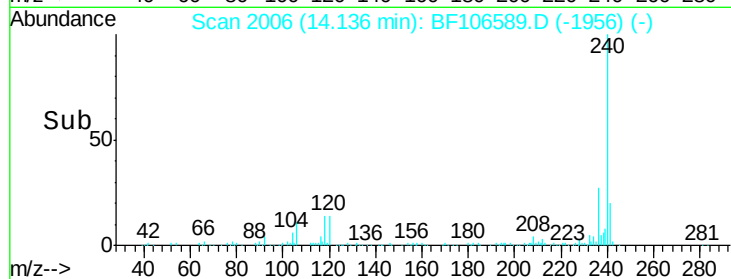
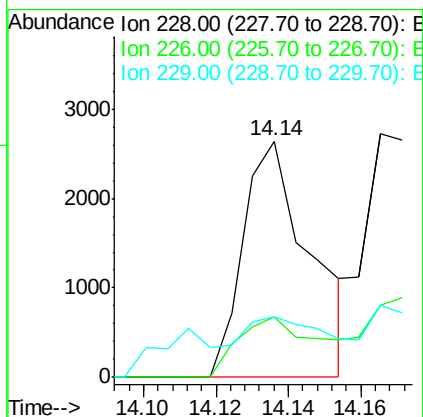
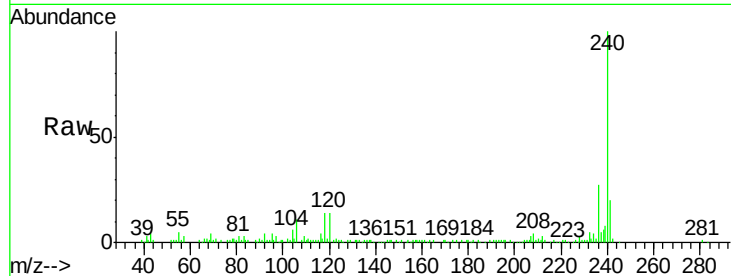




#80
Benzo(a)anthracene
Concen: 0.233 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

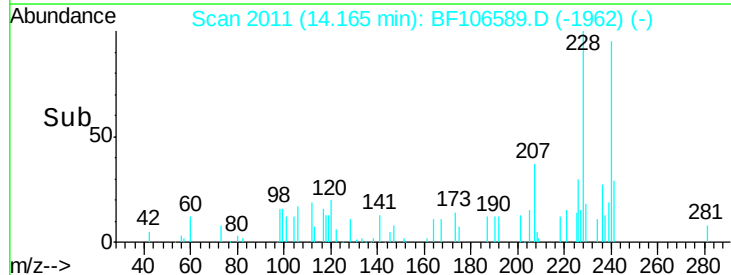
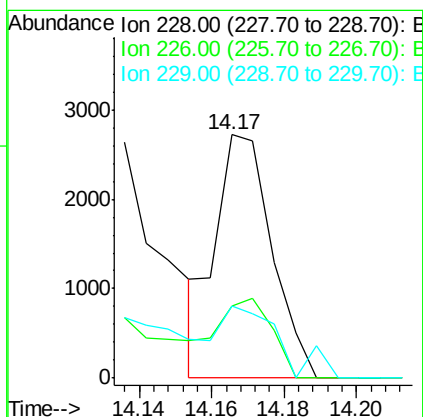
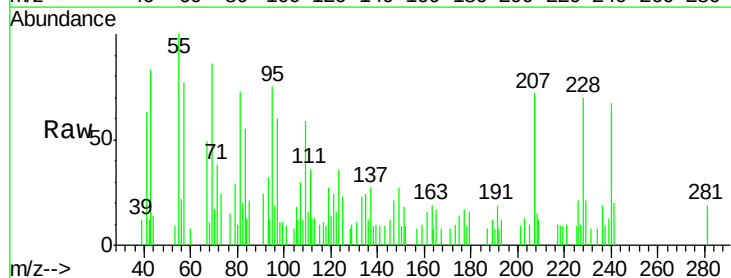
Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

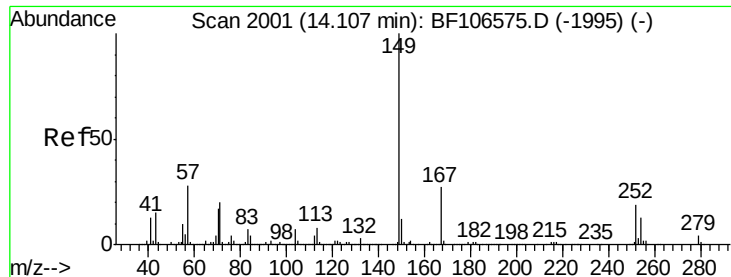
Tgt Ion: 228 Resp: 3369
Ion Ratio Lower Upper
228 100
226 25.8 22.6 33.8
229 25.5 15.8 23.6#



#82
Chrysene
Concen: 0.220 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

Tgt Ion: 228 Resp: 2928
Ion Ratio Lower Upper
228 100
226 29.8 25.0 37.6
229 29.6 16.2 24.4#

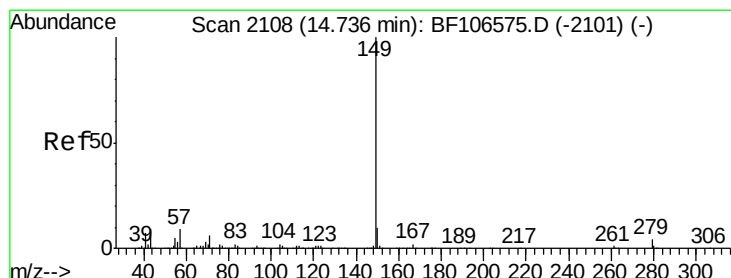
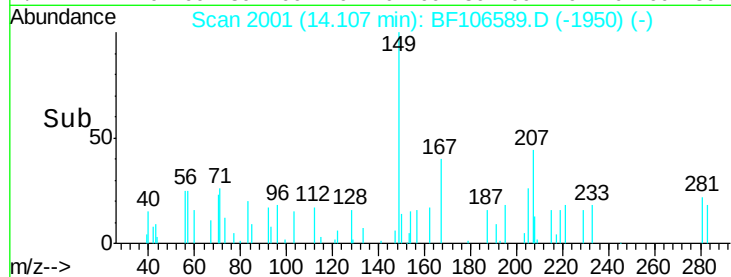
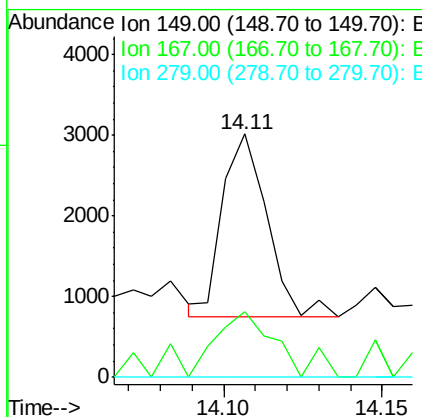
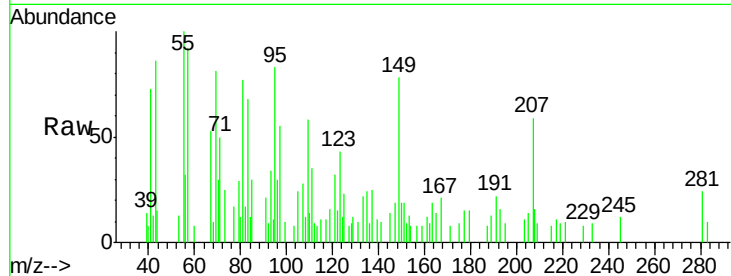




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.269 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF106589.D
 Acq: 19 Jun 2018 18:28

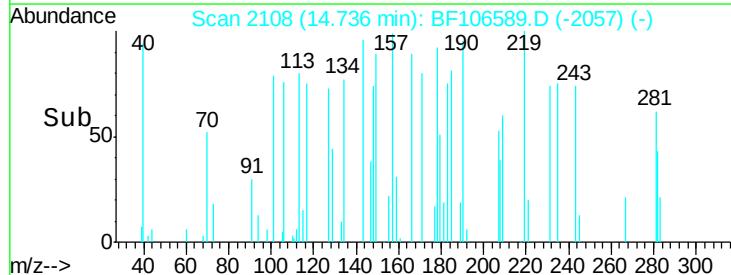
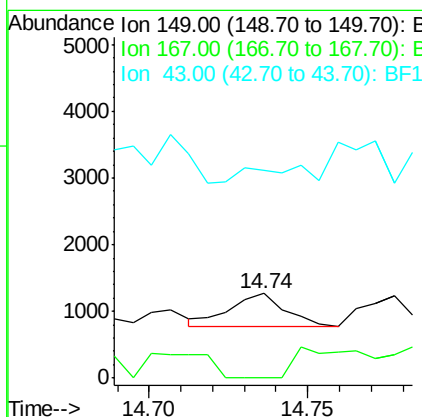
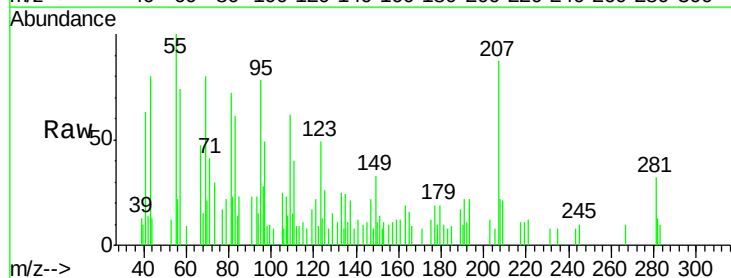
Instrument :
 BNA_F
 ClientSampleId :
 SS-T-4-STONE

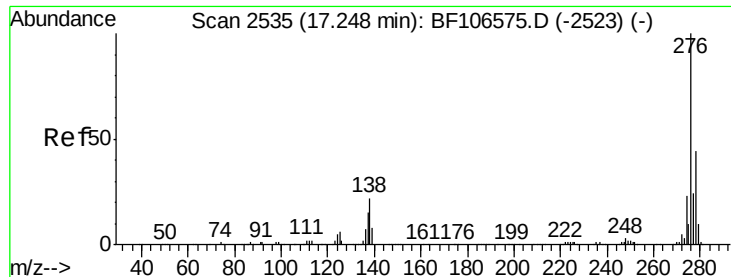
Tgt Ion:149 Resp: 2210
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 0.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.044 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BF106589.D
 Acq: 19 Jun 2018 18:28

Tgt Ion:149 Resp: 592
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 31.9 8.4 12.6#

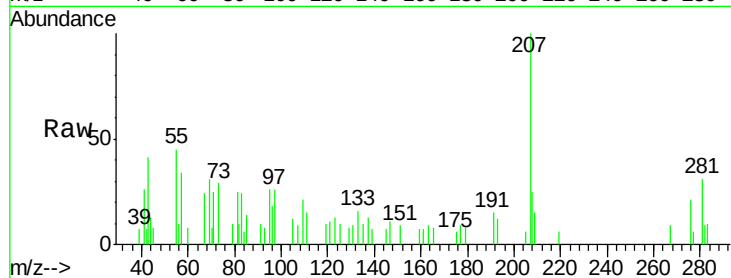




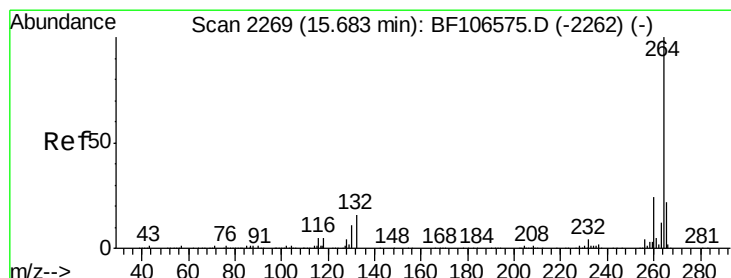
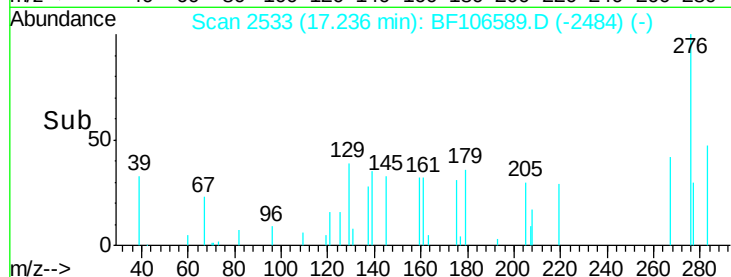
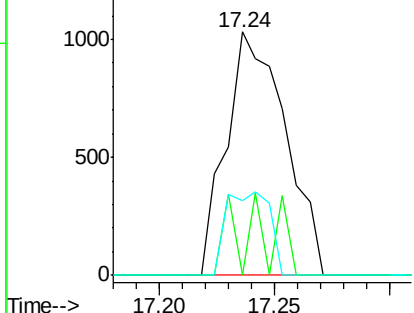
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.163 ng
 RT: 17.24 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BF106589.D
 Acq: 19 Jun 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SS-T-4-STONE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.1	25.0	37.6#
277	25.2	20.1	30.1

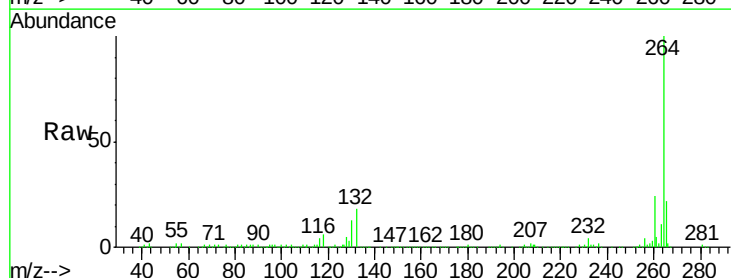


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

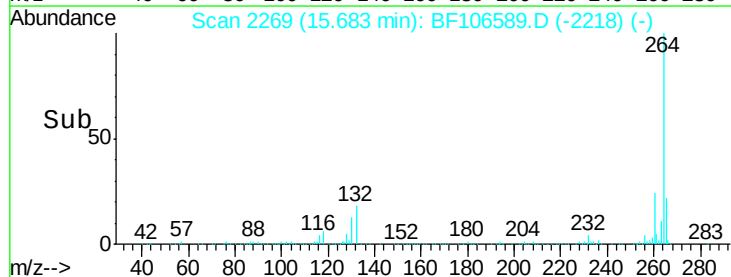
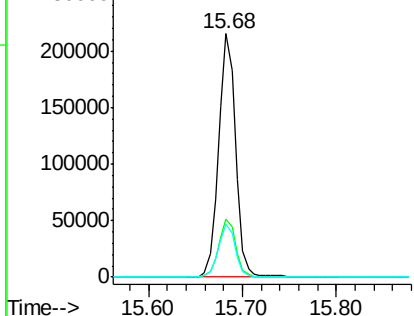


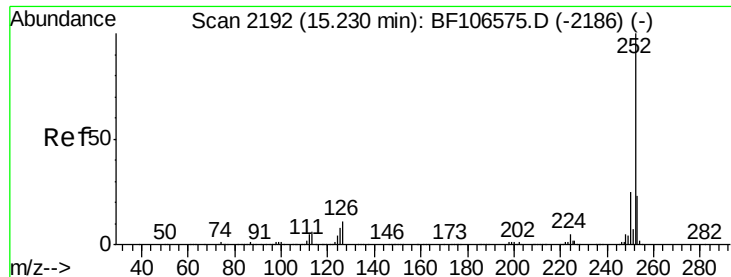
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF106589.D
 Acq: 19 Jun 2018 18:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	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

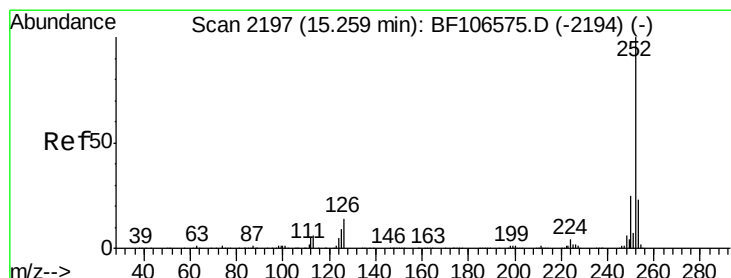
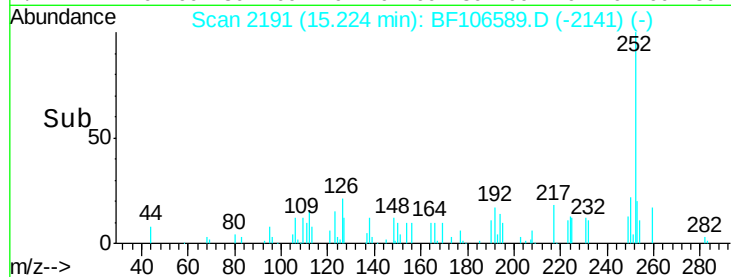
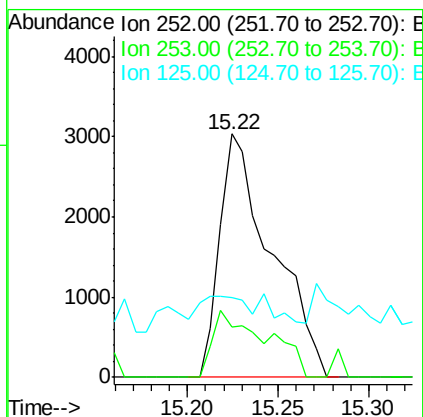
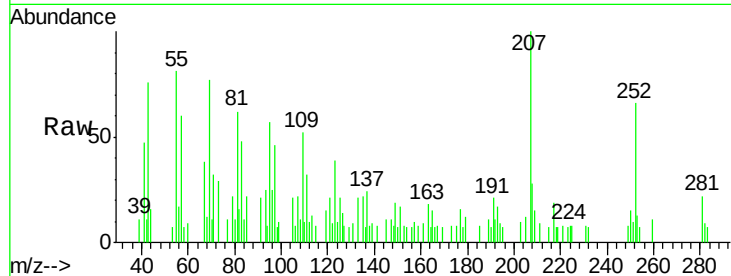




#87
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

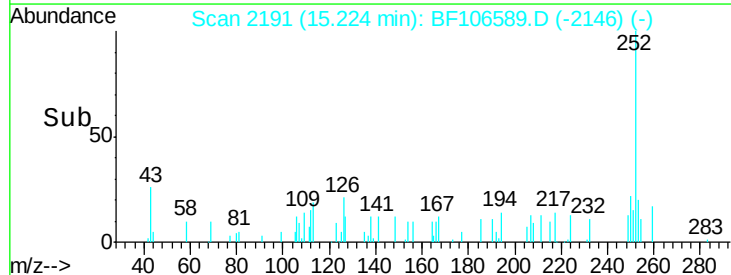
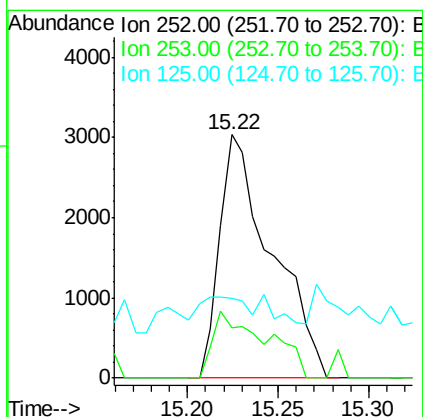
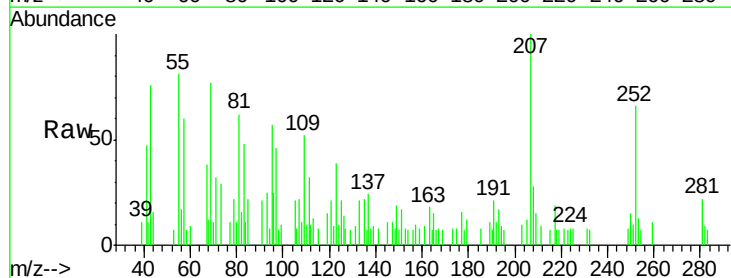
Instrument :
BNA_F
ClientSampleId :
SS-T-4-STONE

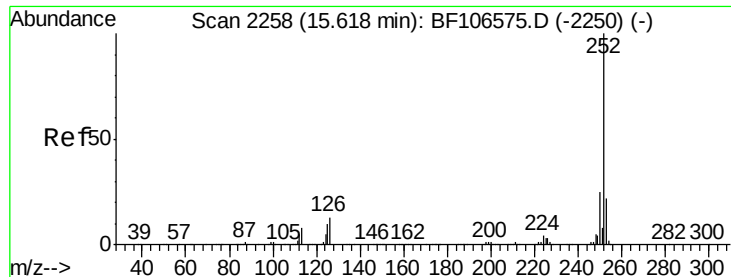
Tgt Ion:252 Resp: 6056
Ion Ratio Lower Upper
252 100
253 20.5 17.0 25.6
125 32.5 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 0.375 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106589.D
Acq: 19 Jun 2018 18:28

Tgt Ion:252 Resp: 6056
Ion Ratio Lower Upper
252 100
253 20.5 17.9 26.9
125 32.5 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 0.172 ng

RT: 15.62 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

Instrument :

BNA_F

ClientSampleId :

SS-T-4-STONE

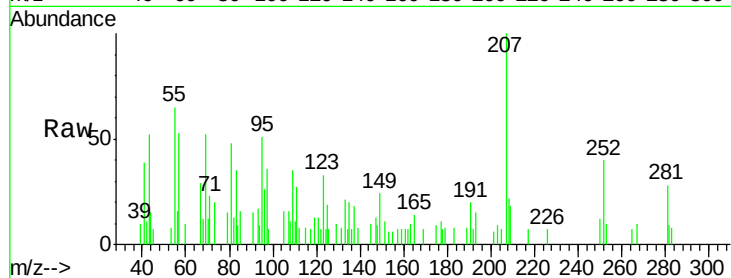
Tgt Ion:252 Resp: 2589

Ion Ratio Lower Upper

252 100

253 24.6 17.1 25.7

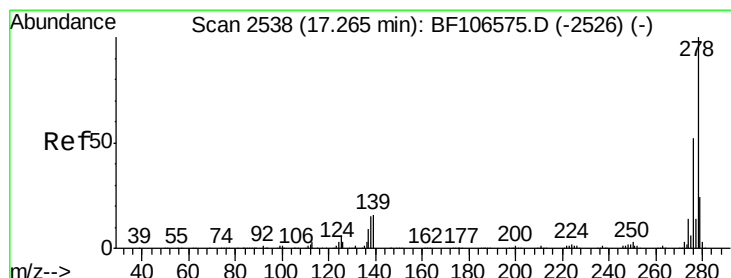
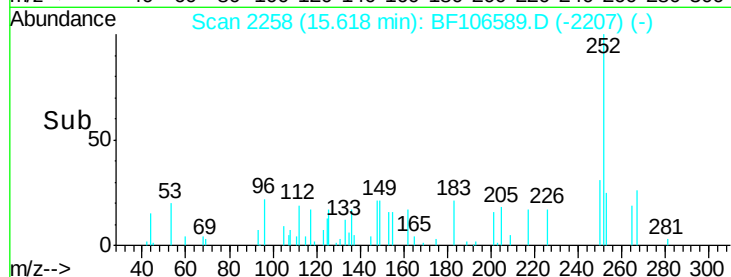
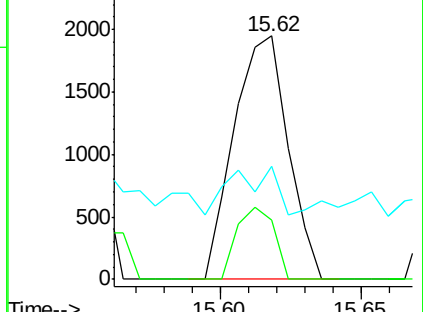
125 46.5 9.8 14.6#



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: 0.011 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

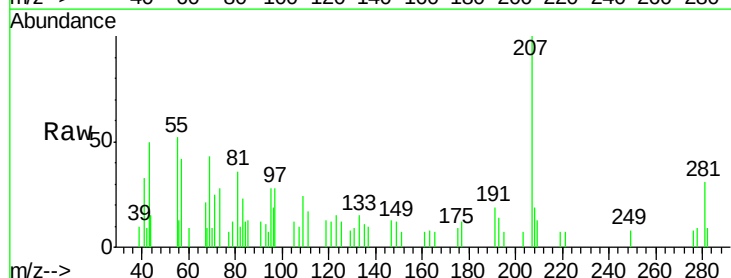
Tgt Ion:278 Resp: 145

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

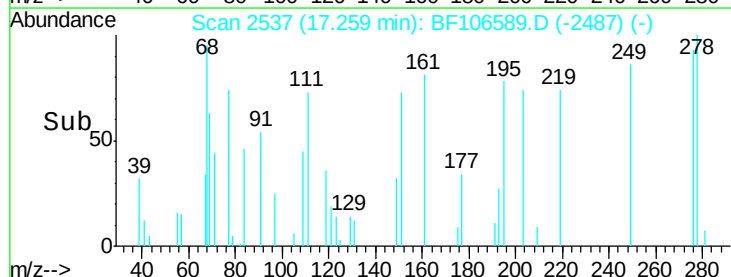
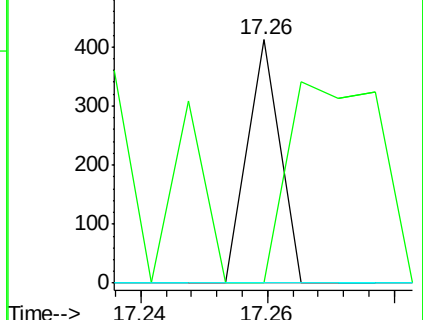
279 0.0 19.0 28.4#

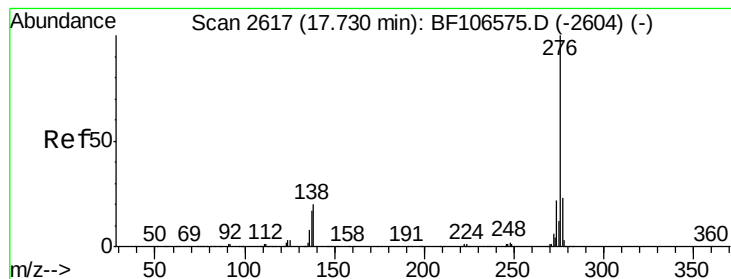


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.159 ng

RT: 17.71 min Scan# 2614

Delta R.T. -0.02 min

Lab File: BF106589.D

Acq: 19 Jun 2018 18:28

Instrument :

BNA_F

ClientSampleId :

SS-T-4-STONE

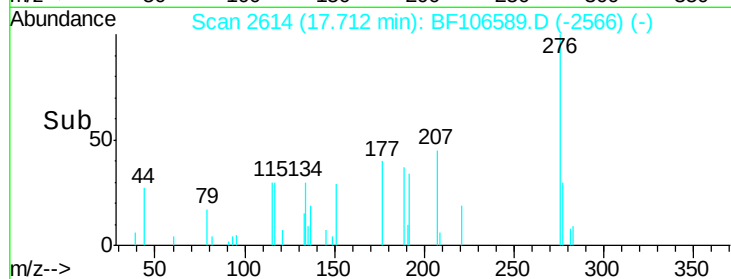
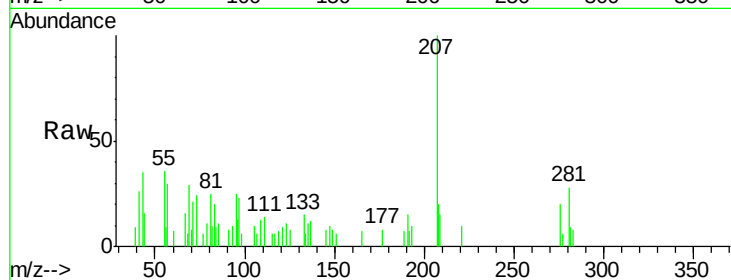
Tgt Ion: 276 Resp: 1984

Ion Ratio Lower Upper

276 100

277 30.2 17.9 26.9#

138 0.0 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

