

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090046.D
 Acq On : 9 Sep 2016 1:30
 Operator : UM/SJ
 Sample : H4688-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-TRANSFORMER-POLE44228

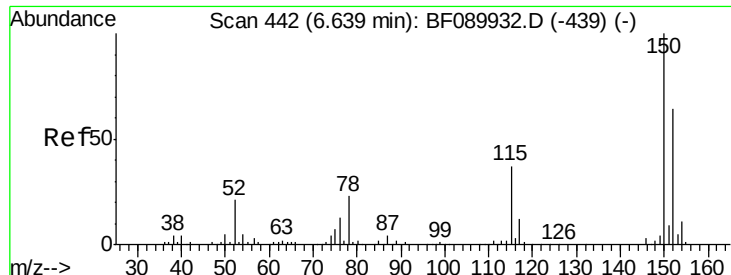
Quant Time: Sep 09 04:40:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	153590	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	514031	20.00	ng	-0.01
38) Acenaphthene-d10	9.70	164	98660	20.00	ng	0.07
63) Phenanthrene-d10	11.23	188	81405	20.00	ng	0.13
75) Chrysene-d12	13.81	240	173321	20.00	ng	0.08
86) Perylene-d12	15.11	264	216942	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	221734	23.11	ng	-0.01
7) Phenol-d6	6.24	99	291092	24.97	ng	-0.01
23) Nitrobenzene-d5	7.16	82	146367	16.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	21655	22.25	ng	0.09
44) 2-Fluorobiphenyl	8.99	172	175792	29.25	ng	0.02
78) Terphenyl-d14	12.80	244	70395	10.03	ng	0.11

Target Compounds						Qvalue
35) Caprolactam	8.30	113	8142	3.45	ng	# 1
36) 4-Chloro-3-methylphenol	8.35	107	288360	36.45	ng	# 12
42) 2,4,6-Trichlorophenol	8.97	196	6714	3.35	ng	# 11
43) 2,4,5-Trichlorophenol	8.97	196	6714	3.49	ng	# 1
47) 2-Nitroaniline	9.19	65	13445	7.32	ng	88
48) Acenaphthylene	9.59	152	83821	9.02	ng	# 1
49) Dimethylphthalate	9.51	163	258750	36.29	ng	# 39
50) 2,6-Dinitrotoluene	9.50	165	133743	84.33	ng	# 35
52) 3-Nitroaniline	9.67	138	109061	60.29	ng	# 17
53) 2,4-Dinitrophenol	9.74	184	4181	9.02	ng	# 1
55) 4-Nitrophenol	9.93	139	16098	11.80	ng	# 1
56) 2,4-Dinitrotoluene	9.98	165	103032	51.23	ng	# 45
57) Fluorene	10.24	166	17874	3.10	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	9.82	232	3851	2.34	ng	# 38
59) Diethylphthalate	10.17	149	22195	3.31	ng	# 1
60) 4-Chlorophenyl-phenylether	10.27	204	40496	14.93	ng	# 1
61) 4-Nitroaniline	10.36	138	17392	9.79	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.43	198	46439	89.11	ng	# 1
65) n-Nitrosodiphenylamine	10.41	169	140792	57.53	ng	# 60
66) 4-Bromophenyl-phenylether	10.71	248	14103	17.21	ng	# 1
68) Atrazine	10.90	200	24286	29.73	ng	# 1
69) Pentachlorophenol	10.97	266	7349	14.59	ng	# 1
70) Phenanthrene	11.27	178	17783	4.39	ng	# 1
71) Anthracene	11.32	178	17810	4.33	ng	# 1
72) Carbazole	11.44	167	21291	5.52	ng	# 1
73) Di-n-butylphthalate	11.78	149	56934	12.67	ng	# 37
74) Fluoranthene	12.45	202	17380	4.09	ng	# 1
80) Benzo(a)anthracene	13.82	228	24823	2.34	ng	# 1
82) Chrysene	13.82	228	24823	2.50	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

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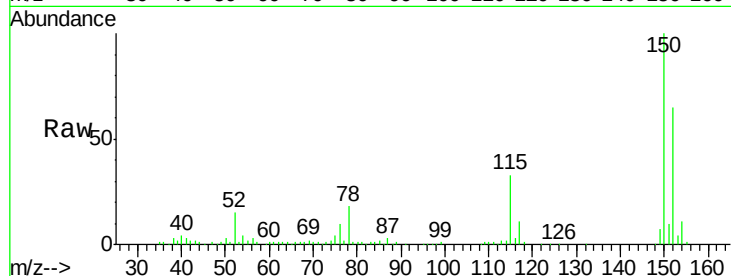
Tgt Ion:152 Resp: 153590

Ion Ratio Lower Upper

152 100

150 153.7 127.4 191.2

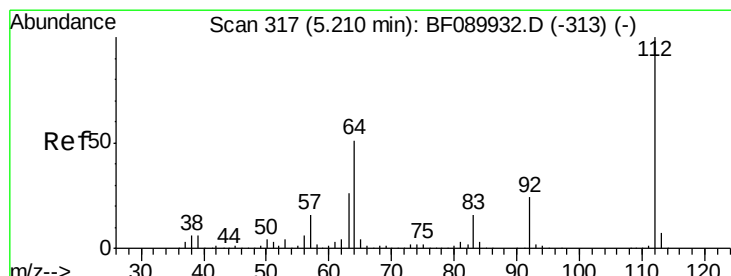
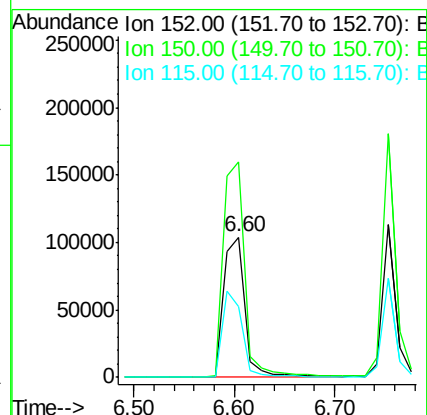
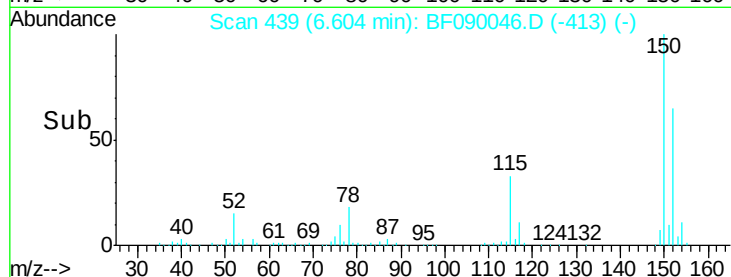
115 50.7 46.3 69.5



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



#5

2-Fluorophenol

Concen: 23.11 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.01 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

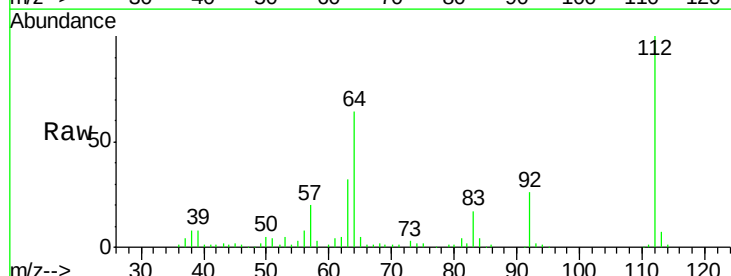
Tgt Ion:112 Resp: 221734

Ion Ratio Lower Upper

112 100

64 64.2 41.1 61.7#

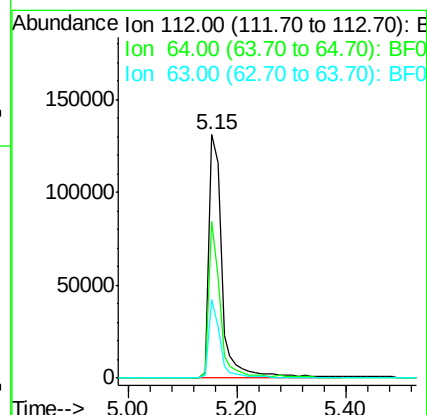
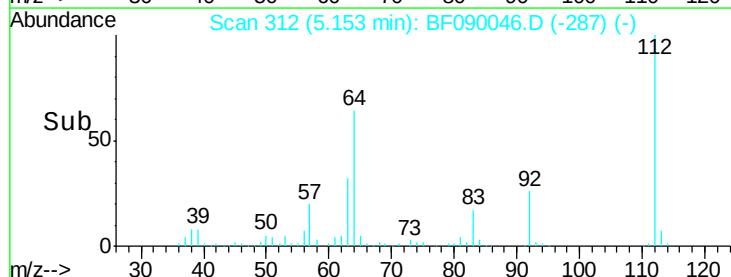
63 32.2 21.2 31.8#

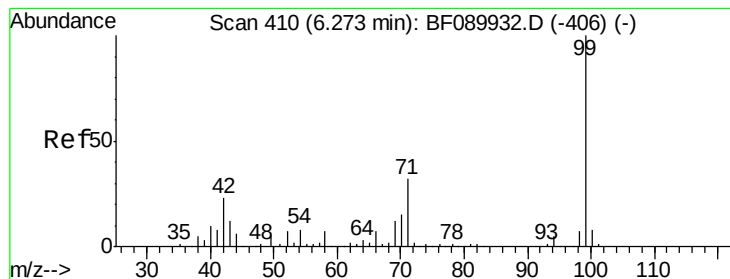


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.97 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090046.D

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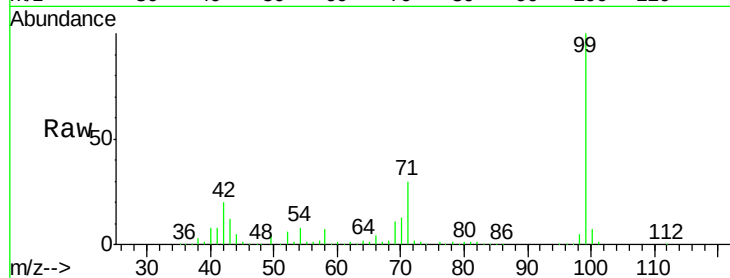
Tgt Ion: 99 Resp: 291092

Ion Ratio Lower Upper

99 100

42 20.2 18.6 27.8

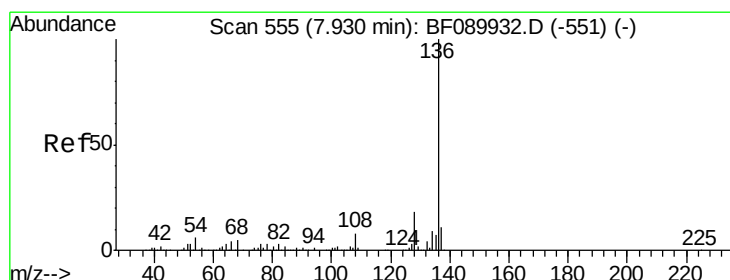
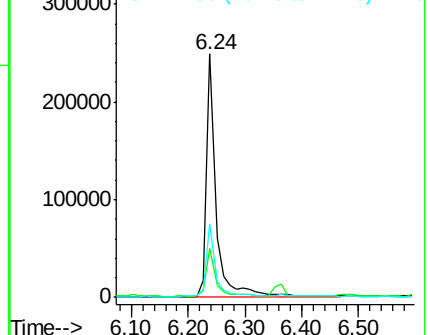
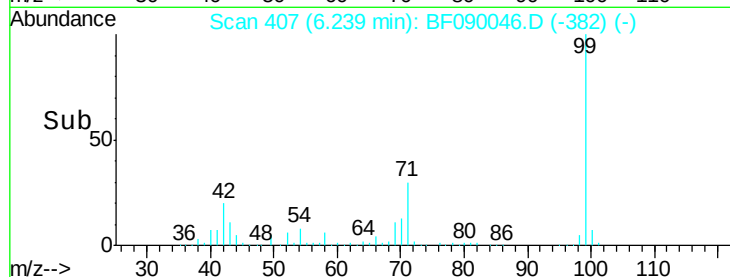
71 30.0 25.8 38.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

Tgt Ion: 136 Resp: 514031

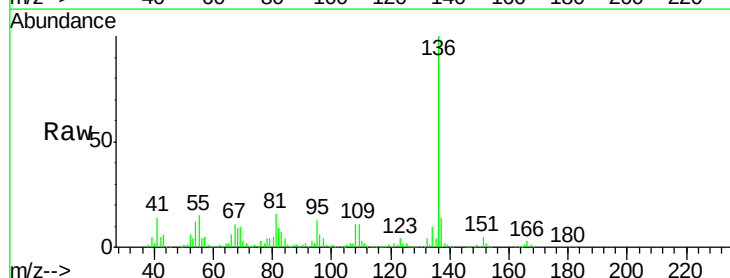
Ion Ratio Lower Upper

136 100

137 13.8 8.3 12.5#

54 12.0 4.8 7.2#

68 9.4 3.7 5.5#

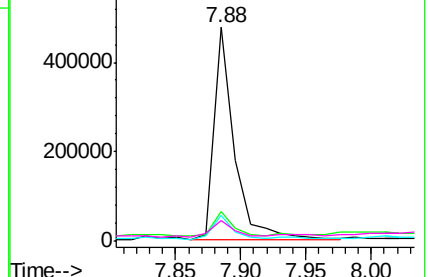
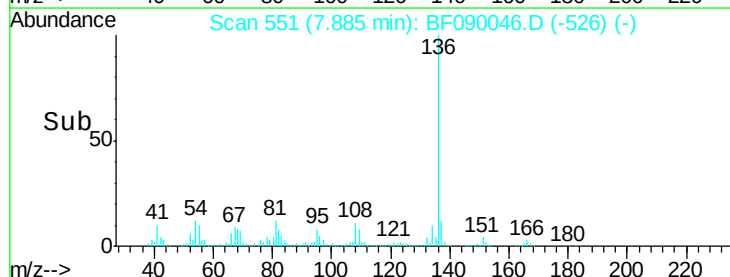


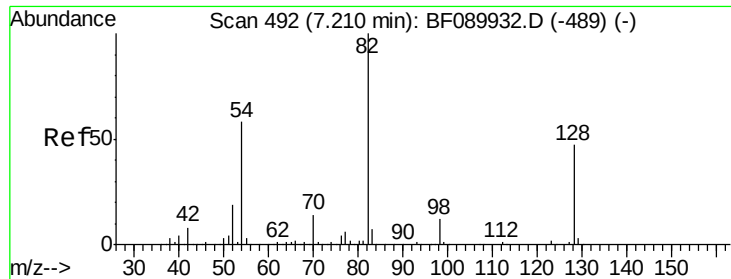
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

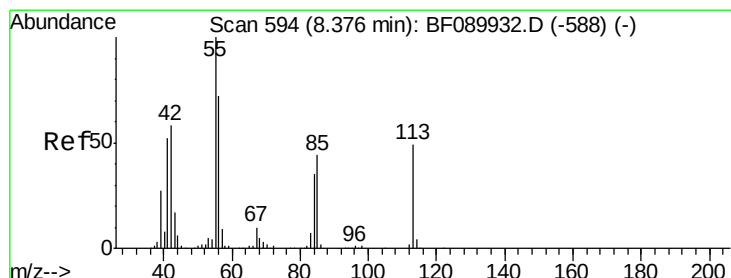
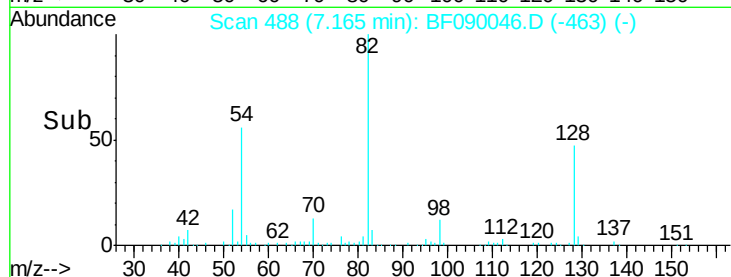
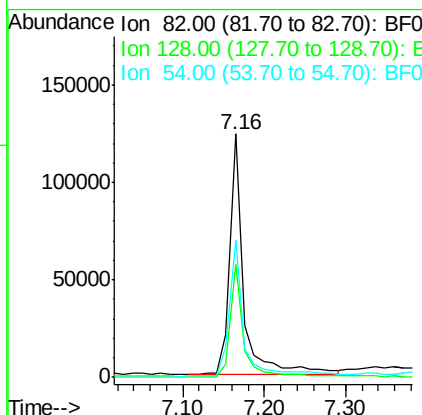
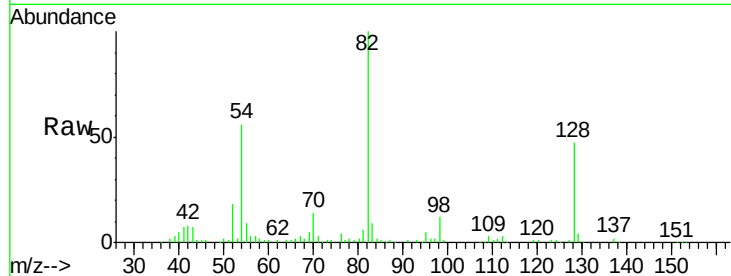




#23
 Nitrobenzene-d5
 Concen: 16.51 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

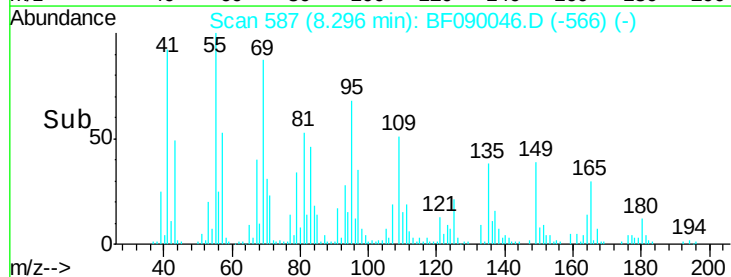
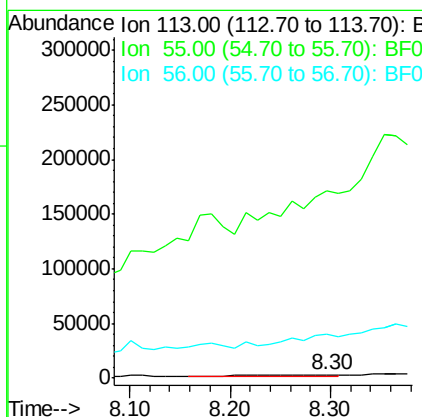
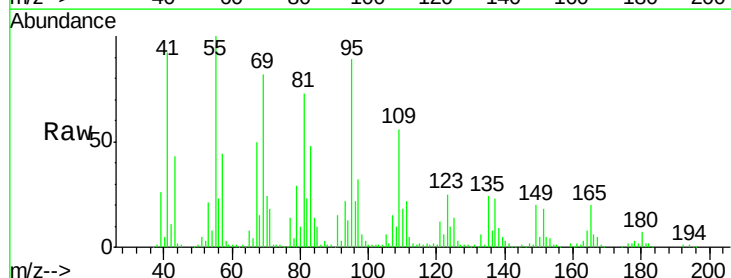
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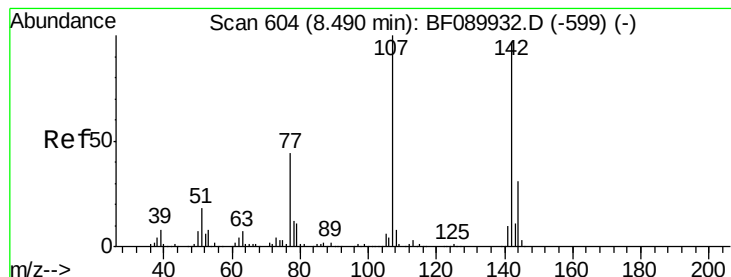
Tgt Ion: 82 Resp: 146367
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.8 56.8
 54 56.2 46.9 70.3



#35
 Caprolactam
 Concen: 3.45 ng
 RT: 8.30 min Scan# 587
 Delta R.T. -0.06 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

Tgt Ion: 113 Resp: 8142
 Ion Ratio Lower Upper
 113 100
 55 5316.7 178.5 218.5#
 56 1241.3 122.7 162.7#

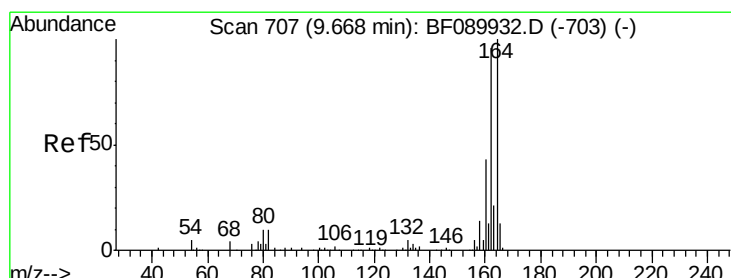
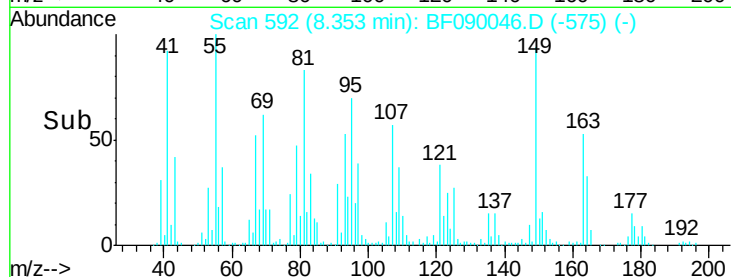
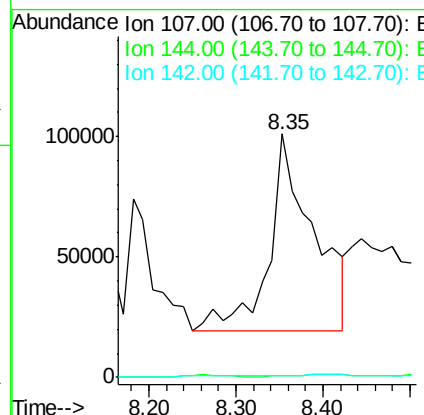
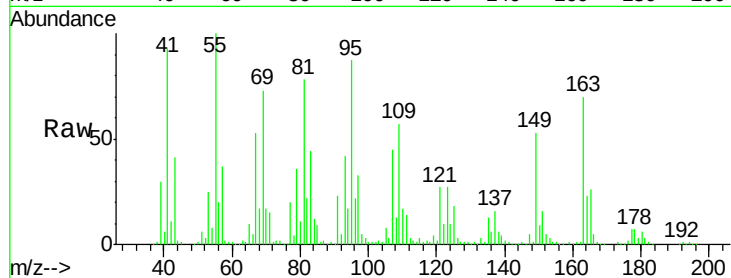




#36
 4-Chloro-3-methylphenol
 Concen: 36.45 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.10 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

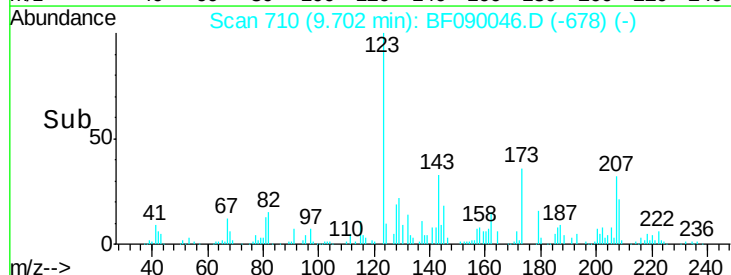
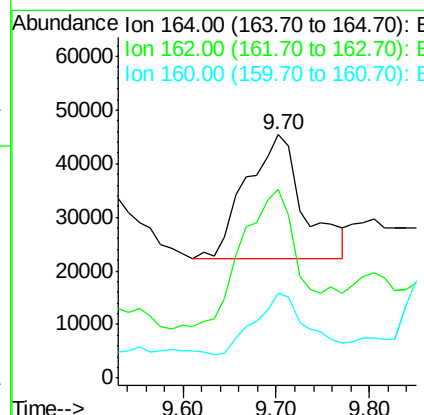
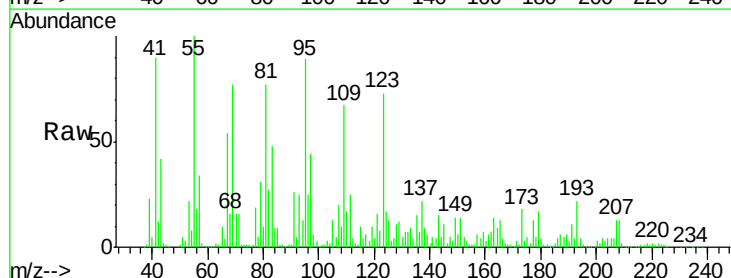
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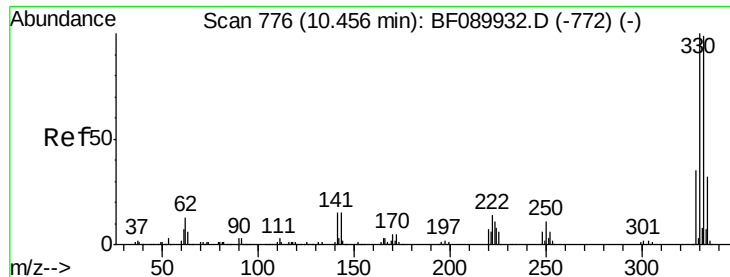
Tgt Ion:107 Resp: 288360
 Ion Ratio Lower Upper
 107 100
 144 0.6 25.8 38.8#
 142 0.8 79.2 118.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. 0.07 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

Tgt Ion:164 Resp: 98660
 Ion Ratio Lower Upper
 164 100
 162 77.6 77.1 115.7
 160 34.9 35.3 52.9#

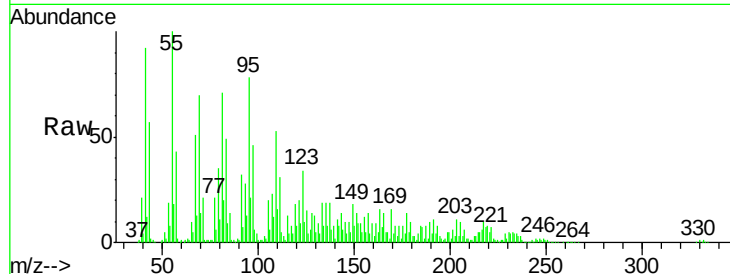




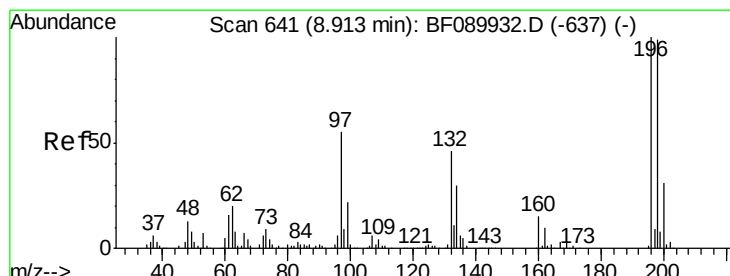
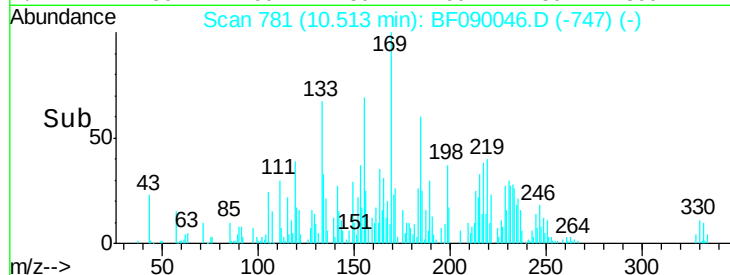
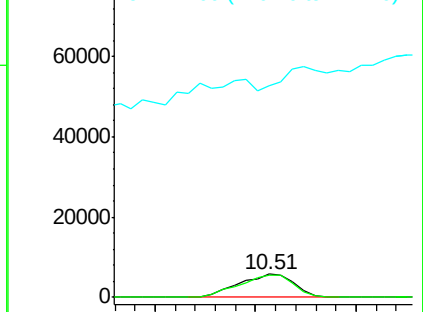
#41
 2,4,6-Tribromophenol
 Concen: 22.25 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.09 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 21655
 Ion Ratio Lower Upper
 330 100
 332 94.6 78.6 117.8
 141 0.0 23.3 34.9#

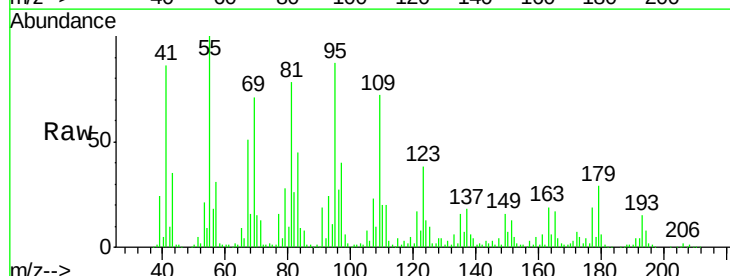


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

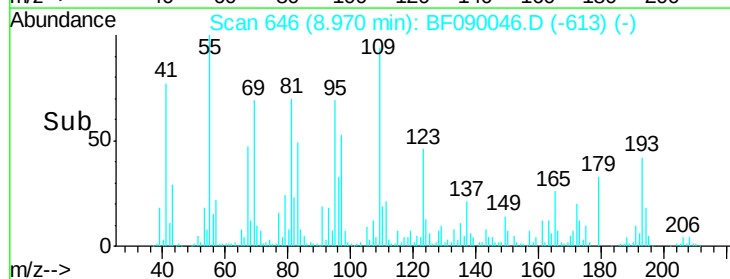
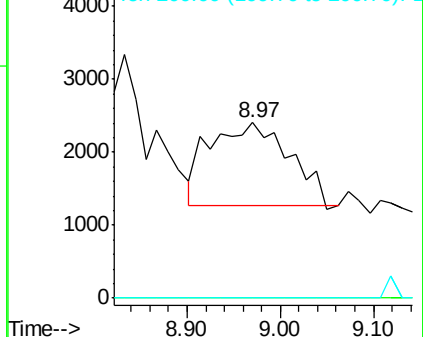


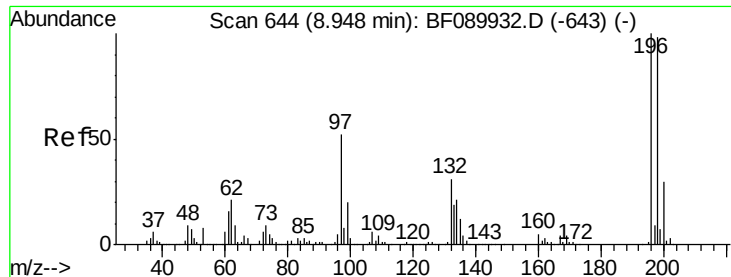
#42
 2,4,6-Trichlorophenol
 Concen: 3.35 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.08 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

Tgt Ion:196 Resp: 6714
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.3 117.5#
 200 0.0 24.8 37.2#



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

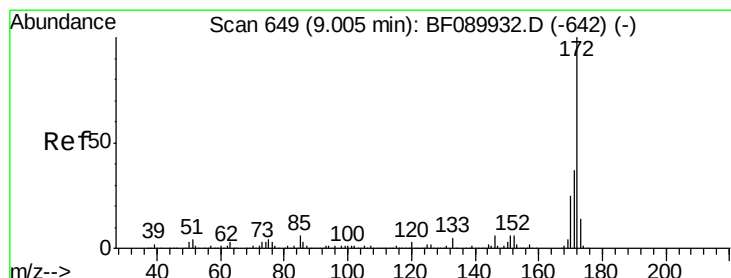
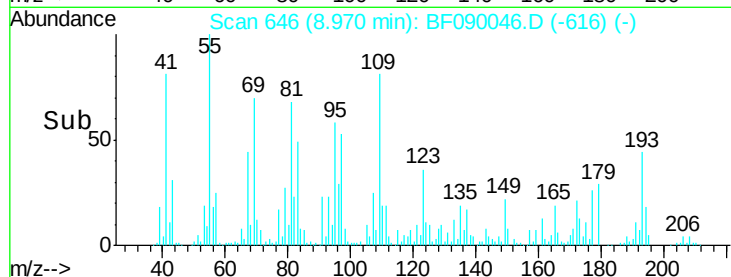
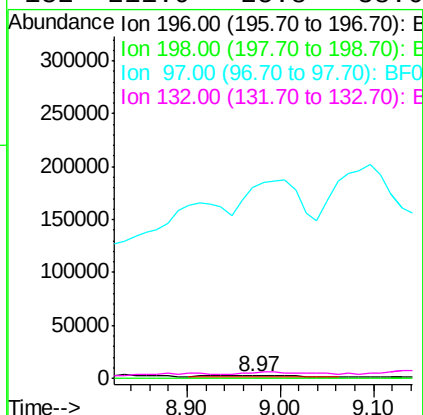
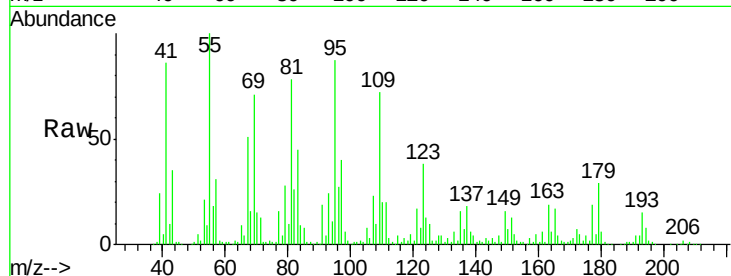




#43
 2,4,5-Trichlorophenol
 Concen: 3.49 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.05 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

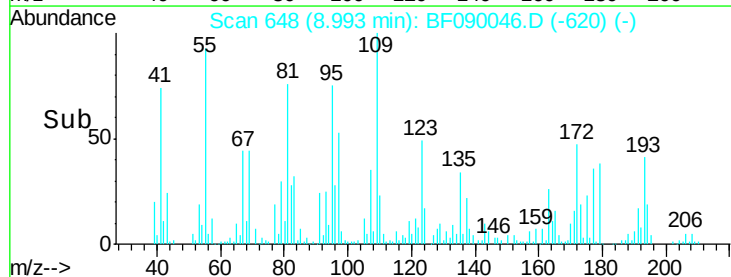
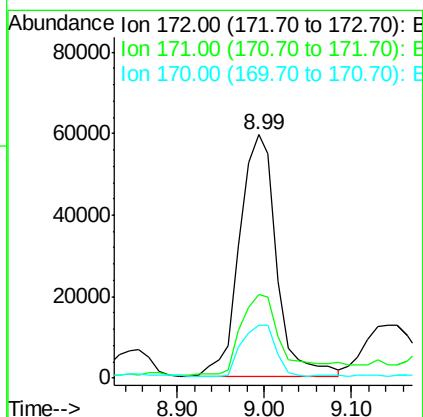
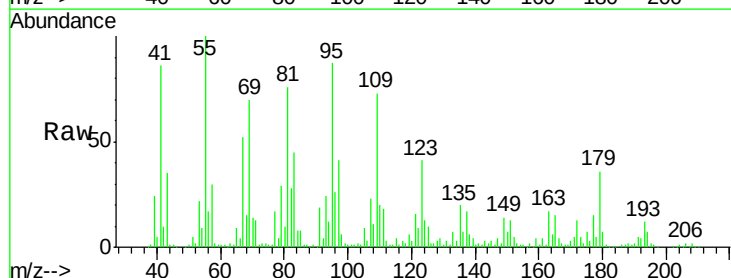
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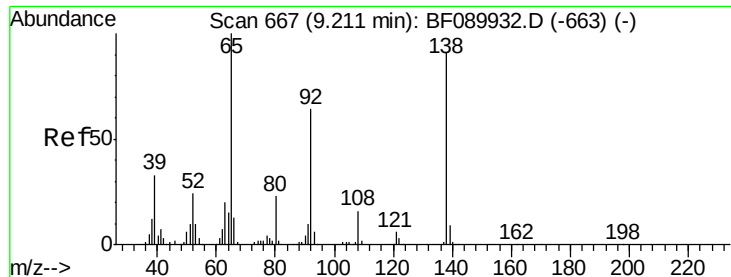
Tgt Ion:196 Resp: 6714
 Ion Ratio Lower Upper
 196 100
 198 0.0 80.8 121.2#
 97 7508.3 44.2 66.4#
 132 211.9 25.8 38.6#



#44
 2-Fluorobiphenyl
 Concen: 29.25 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.02 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

Tgt Ion:172 Resp: 175792
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.4 44.2
 170 21.7 20.1 30.1

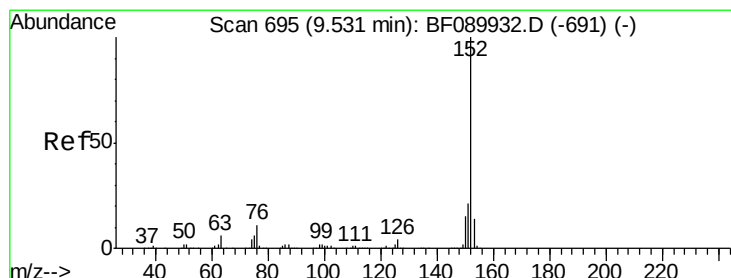
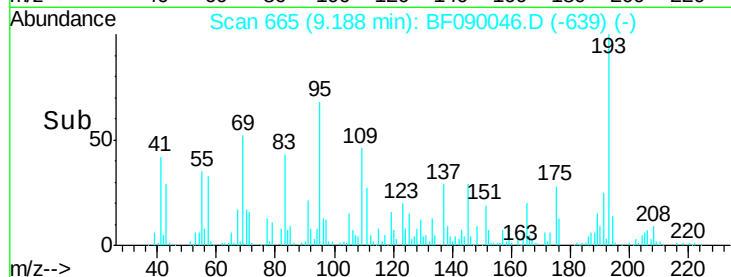
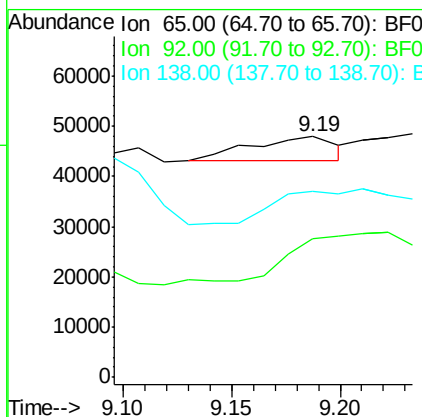
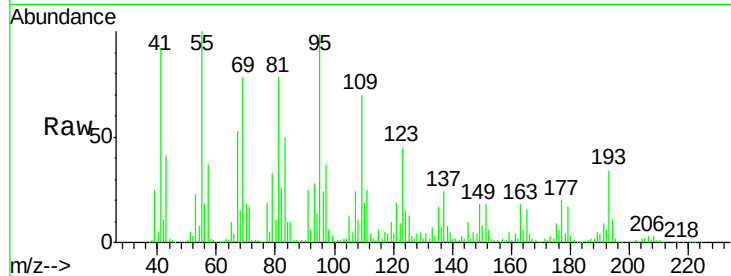




#47
 2-Nitroaniline
 Concen: 7.32 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

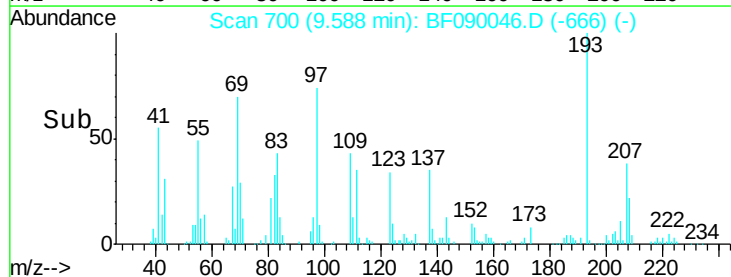
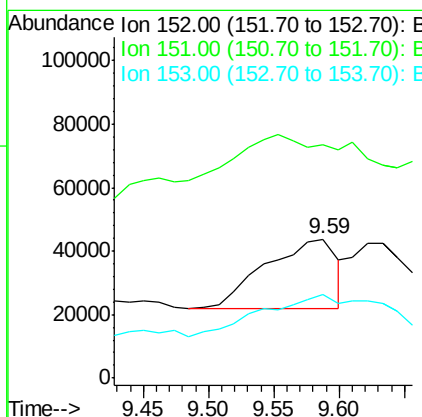
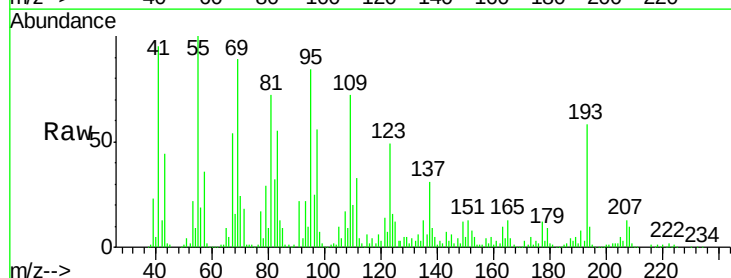
Instrument :
 BNA_F
 ClientSampleId :
 SS-TRANSFORMER-POLE44228

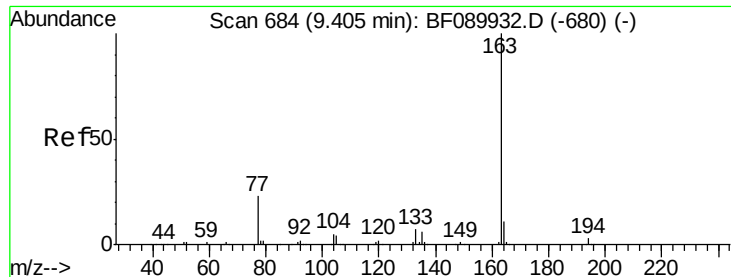
Tgt Ion: 65 Resp: 13445
 Ion Ratio Lower Upper
 65 100
 92 57.6 52.0 78.0
 138 77.2 72.1 108.1



#48
 Acenaphthylene
 Concen: 9.02 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.09 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

Tgt Ion: 152 Resp: 83821
 Ion Ratio Lower Upper
 152 100
 151 168.4 16.7 25.1#
 153 60.1 11.6 17.4#

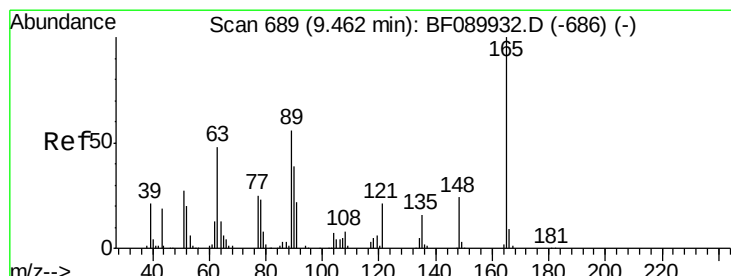
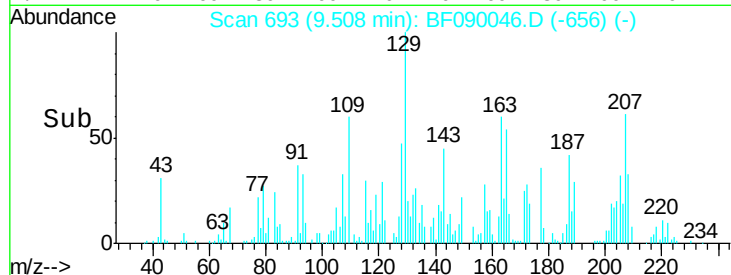
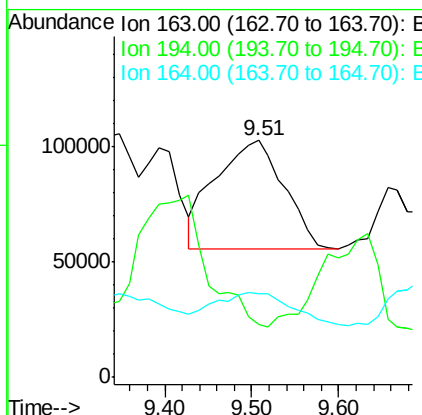
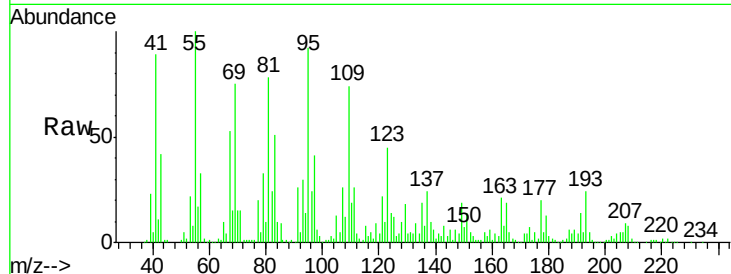




#49
Dimethylphthalate
Concen: 36.29 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.13 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

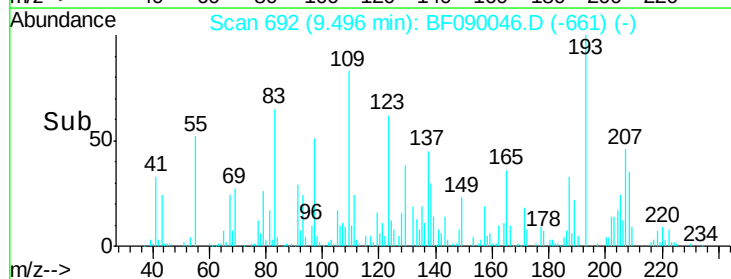
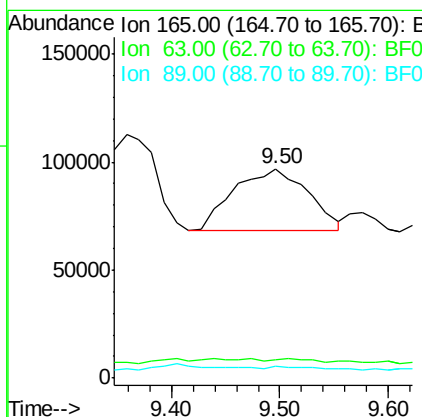
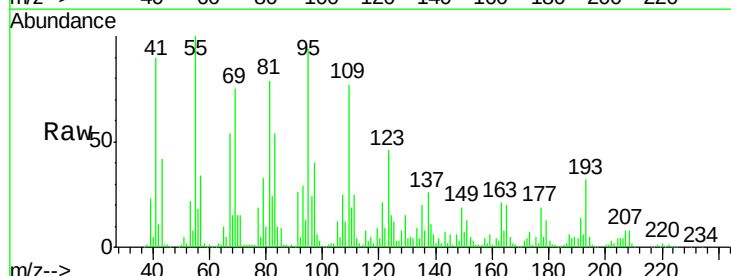
Instrument :
BNA_F
ClientSampleId :
SS-TRANSFORMER-POLE44228

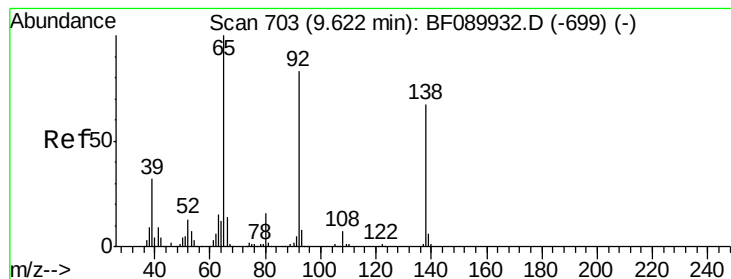
Tgt Ion:163 Resp: 258750
Ion Ratio Lower Upper
163 100
194 22.2 2.7 4.1#
164 35.1 9.0 13.4#



#50
2,6-Dinitrotoluene
Concen: 84.33 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.06 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Tgt Ion:165 Resp: 133743
Ion Ratio Lower Upper
165 100
63 8.8 45.0 67.4#
89 5.6 41.5 62.3#





#52

3-Nitroaniline

Concen: 60.29 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.07 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228

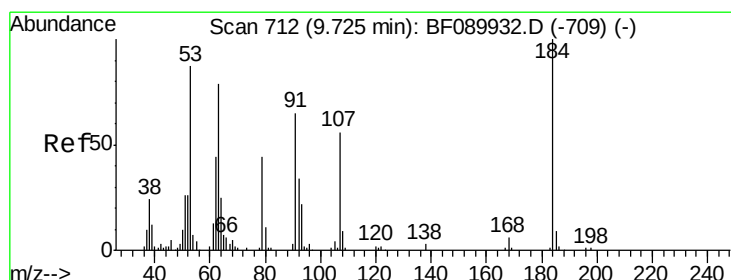
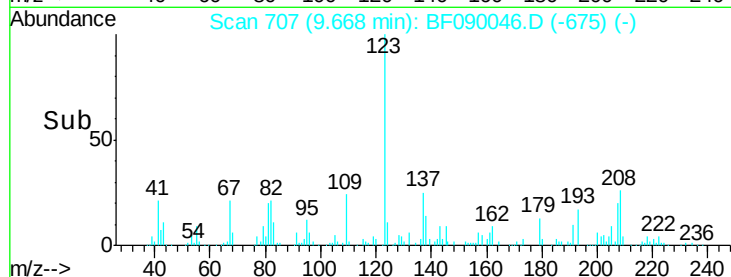
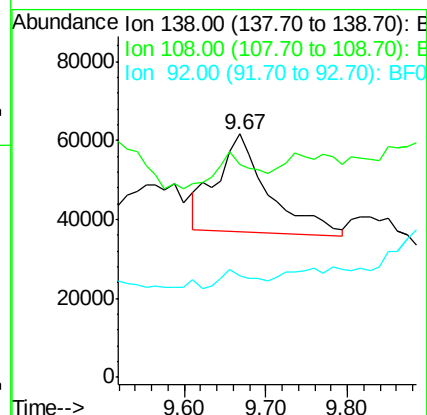
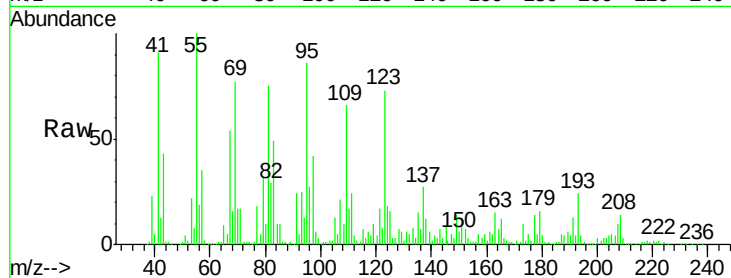
Tgt Ion:138 Resp: 109061

Ion Ratio Lower Upper

138 100

108 87.5 8.3 12.5#

92 41.9 99.1 148.7#



#53

2,4-Dinitrophenol

Concen: 9.02 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.03 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

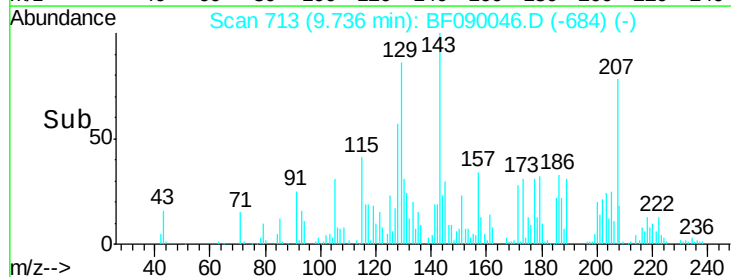
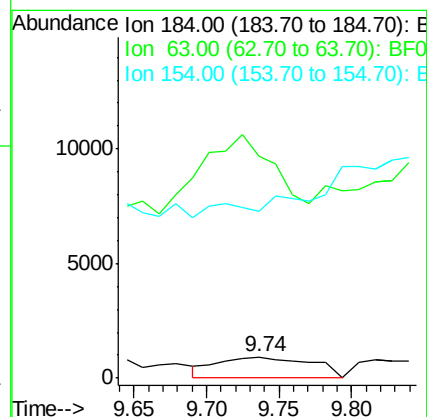
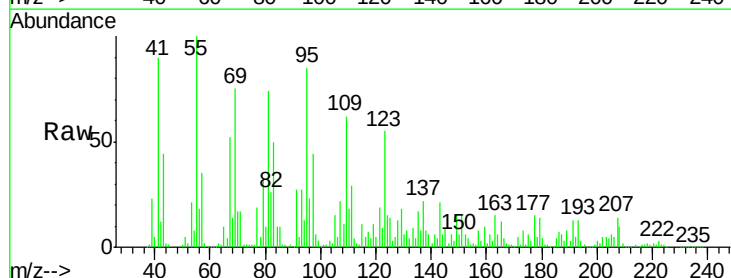
Tgt Ion:184 Resp: 4181

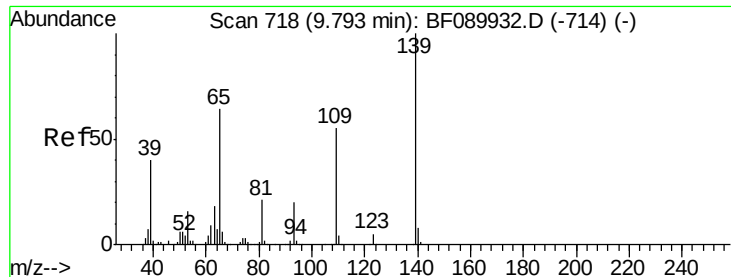
Ion Ratio Lower Upper

184 100

63 1041.9 73.9 110.9#

154 782.0 53.5 80.3#

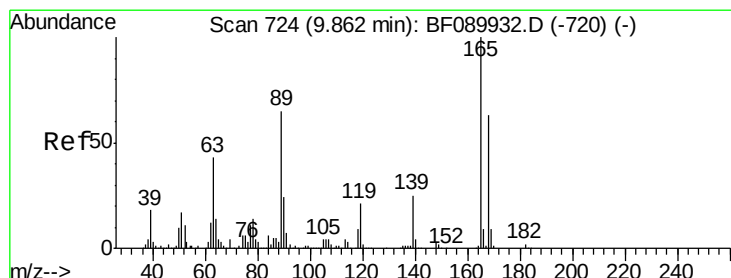
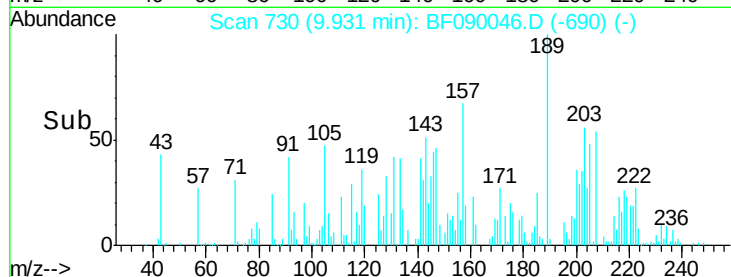
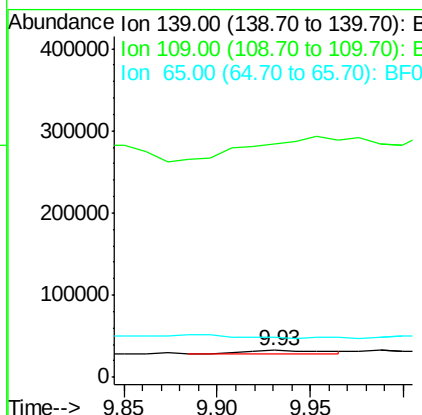
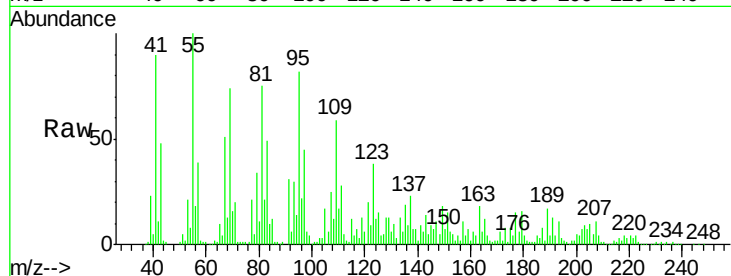




#55
4-Nitrophenol
Concen: 11.80 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.16 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

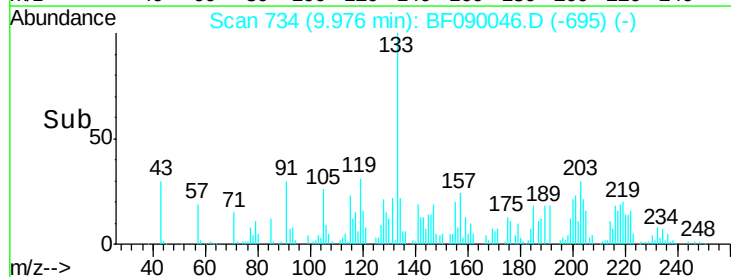
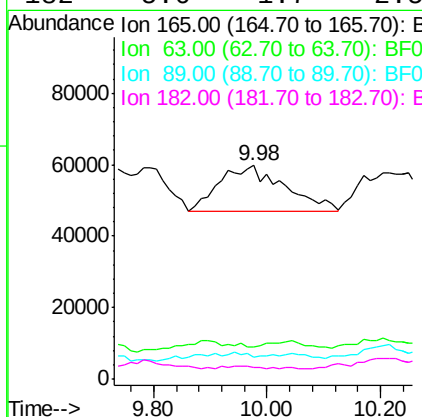
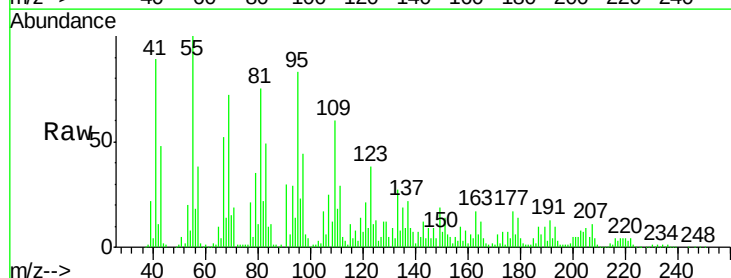
Instrument :
BNA_F
ClientSampleId :
SS-TRANSFORMER-POLE44228

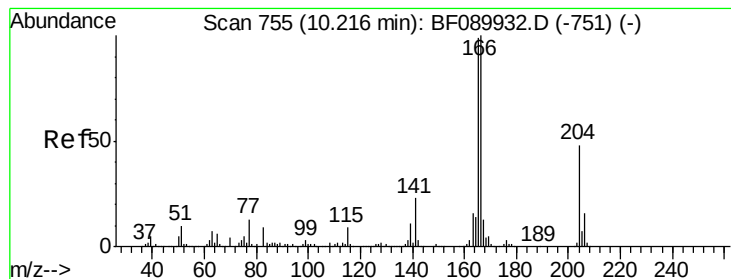
Tgt Ion:139 Resp: 16098
Ion Ratio Lower Upper
139 100
109 869.2 31.3 71.3#
65 147.7 38.5 78.5#



#56
2,4-Dinitrotoluene
Concen: 51.23 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.15 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Tgt Ion:165 Resp: 103032
Ion Ratio Lower Upper
165 100
63 15.3 32.5 48.7#
89 10.2 48.3 72.5#
182 5.6 1.7 2.5#





#57

Fluorene

Concen: 3.10 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.06 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228

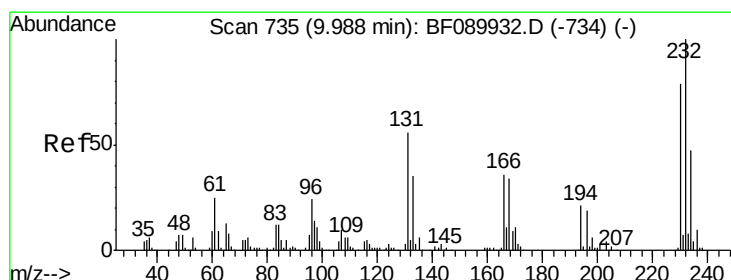
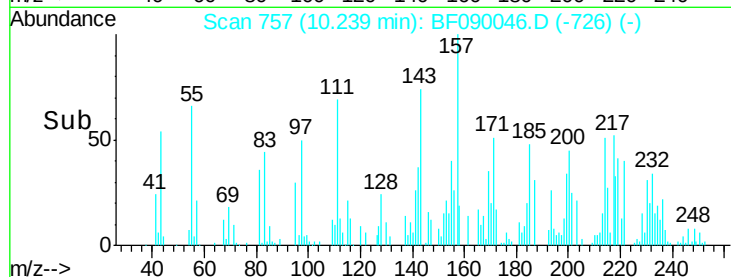
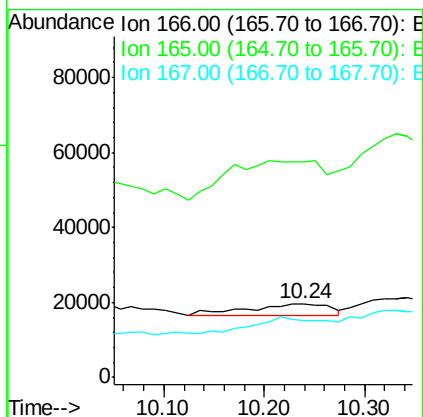
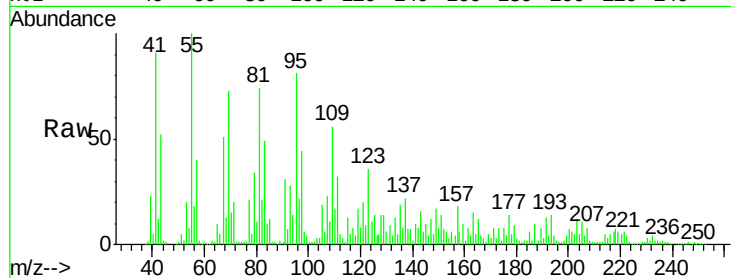
Tgt Ion:166 Resp: 17874

Ion Ratio Lower Upper

166 100

165 292.3 78.6 118.0#

167 76.9 10.6 15.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.34 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.15 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

Tgt Ion:232 Resp: 3851

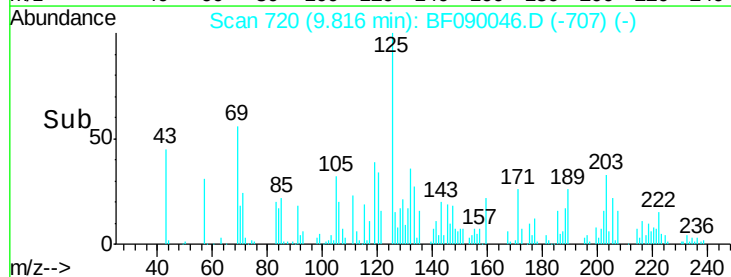
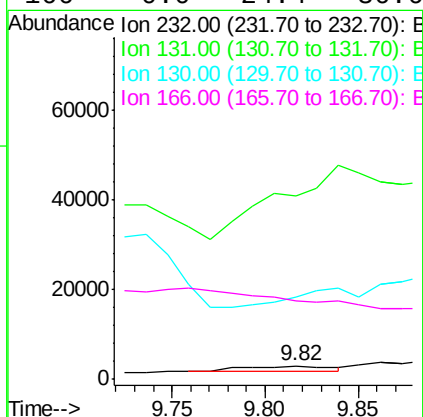
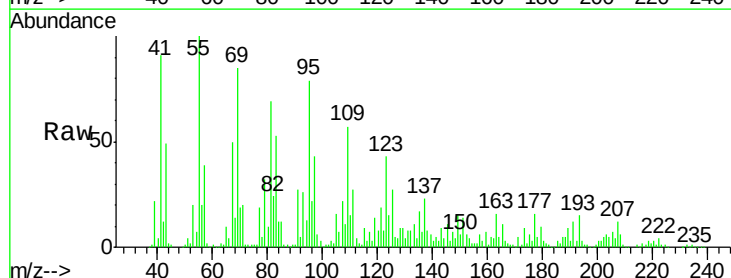
Ion Ratio Lower Upper

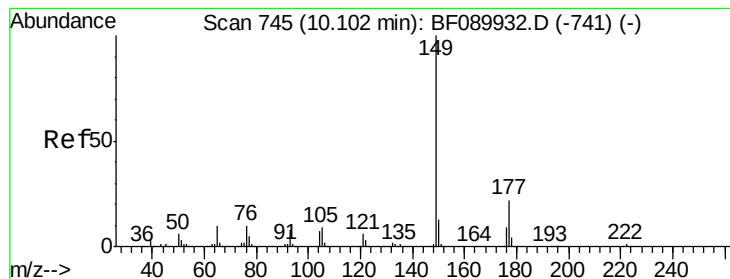
232 100

131 0.0 36.3 54.5#

130 0.0 1.7 2.5#

166 0.0 24.4 36.6#





#59

Diethylphthalate

Concen: 3.31 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.10 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228

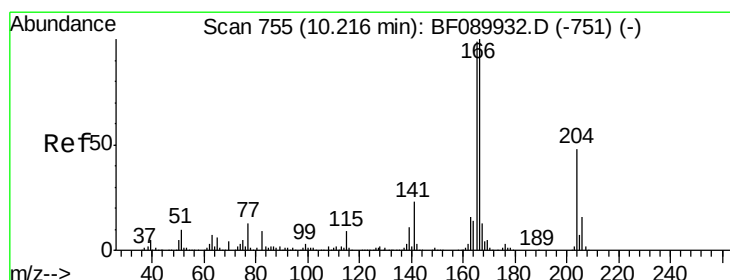
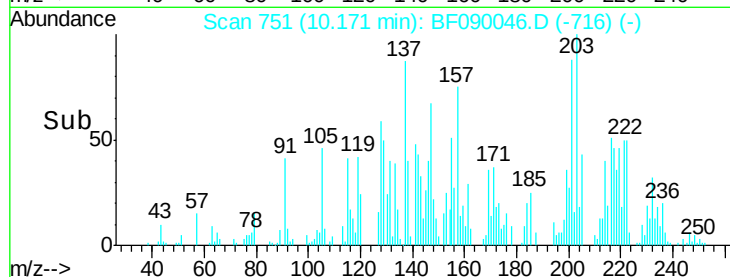
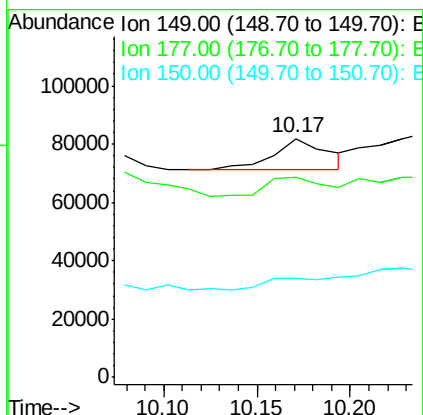
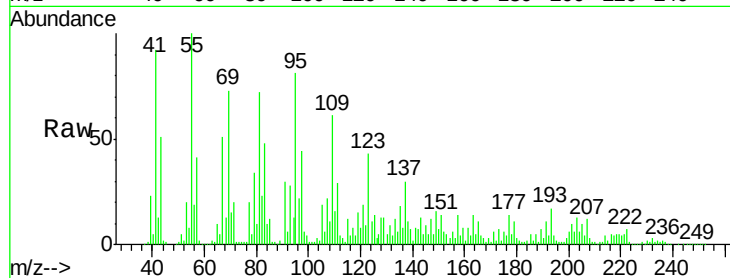
Tgt Ion:149 Resp: 22195

Ion Ratio Lower Upper

149 100

177 83.7 17.7 26.5#

150 41.5 10.2 15.2#



#60

4-Chlorophenyl-phenylether

Concen: 14.93 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.09 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

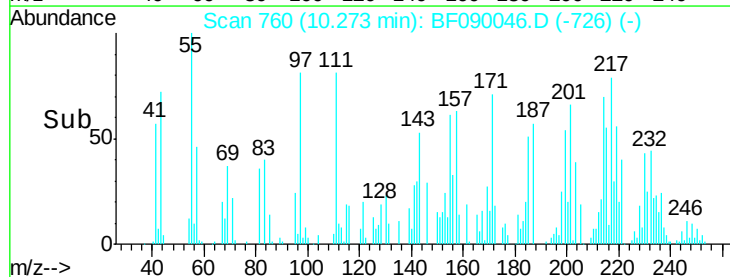
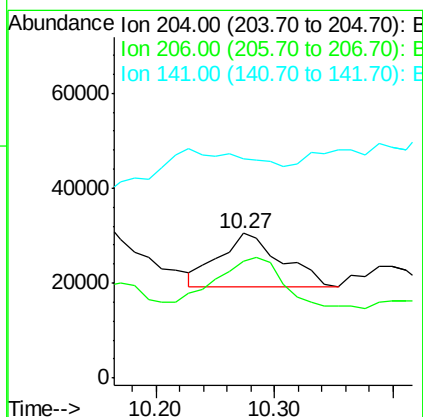
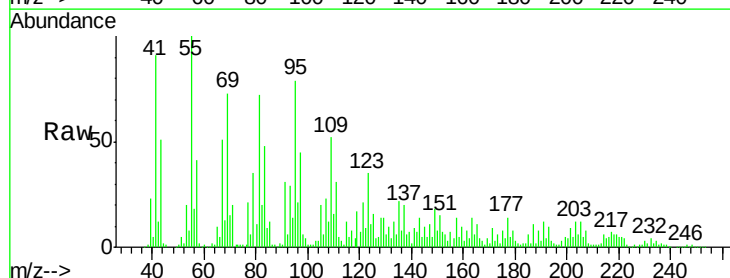
Tgt Ion:204 Resp: 40496

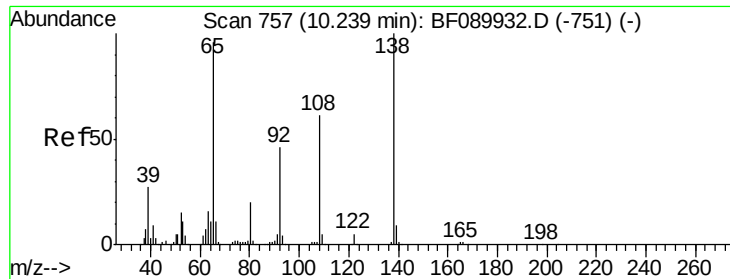
Ion Ratio Lower Upper

204 100

206 81.0 26.6 40.0#

141 152.1 36.5 54.7#

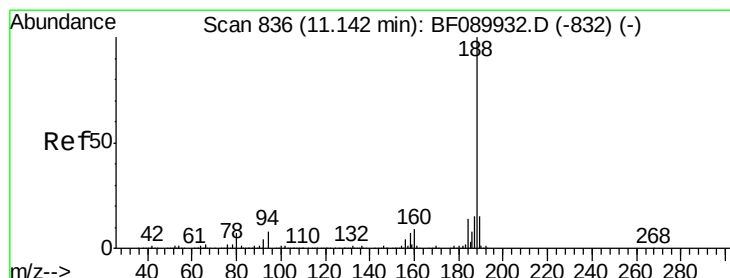
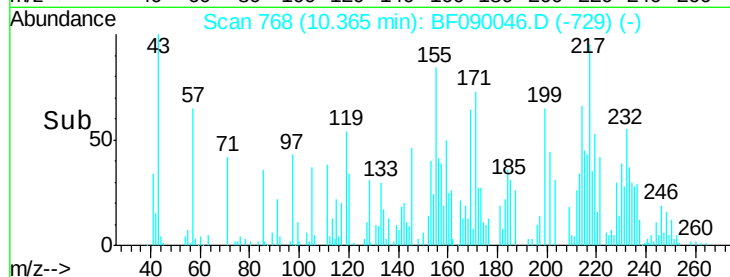
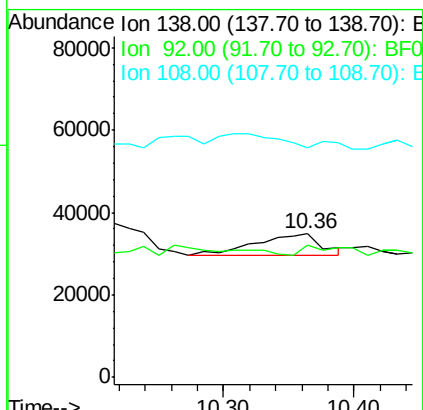
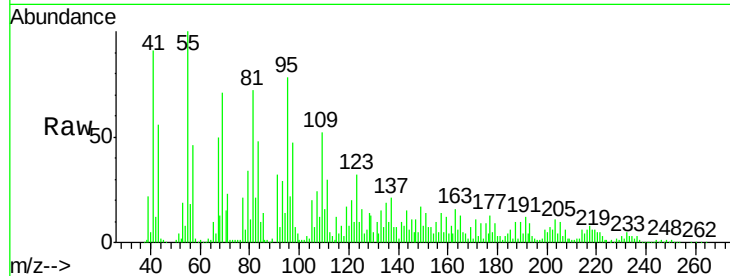




#61
4-Nitroaniline
Concen: 9.79 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.15 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

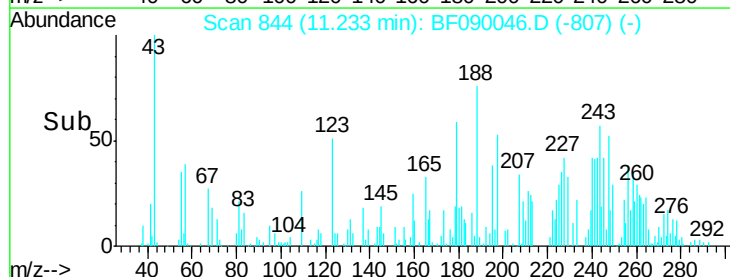
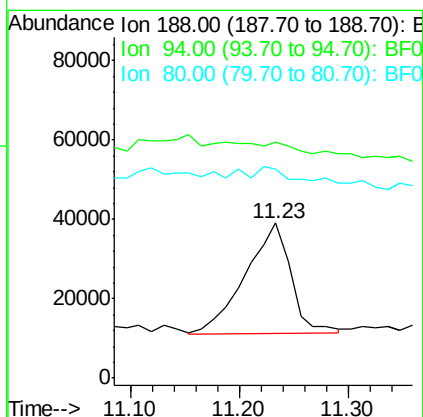
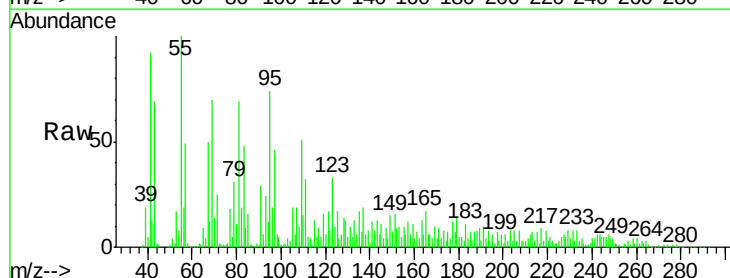
Instrument :
BNA_F
ClientSampleId :
SS-TRANSFORMER-POLE44228

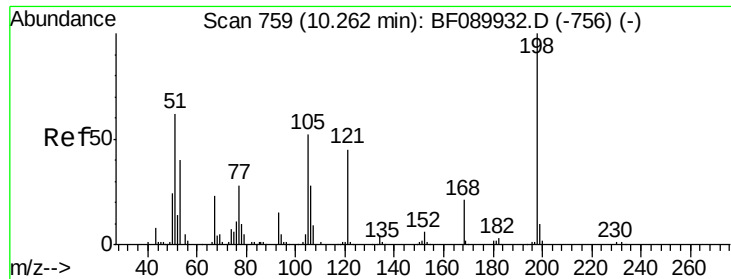
Tgt Ion:138 Resp: 17392
Ion Ratio Lower Upper
138 100
92 92.1 21.2 61.2#
108 160.0 37.7 77.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.13 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Tgt Ion:188 Resp: 81405
Ion Ratio Lower Upper
188 100
94 152.1 5.9 8.9#
80 135.4 5.8 8.8#

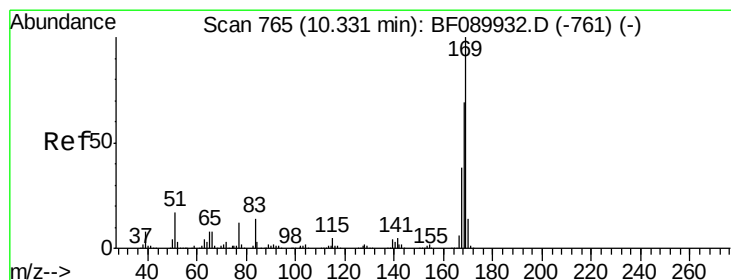
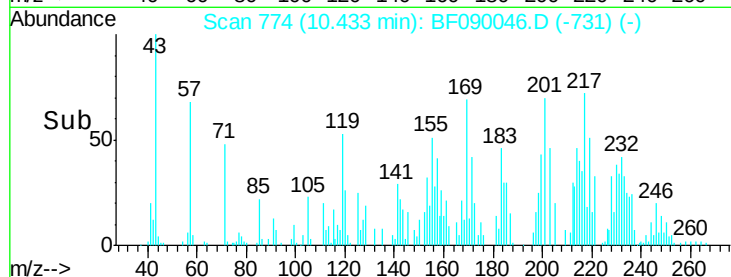
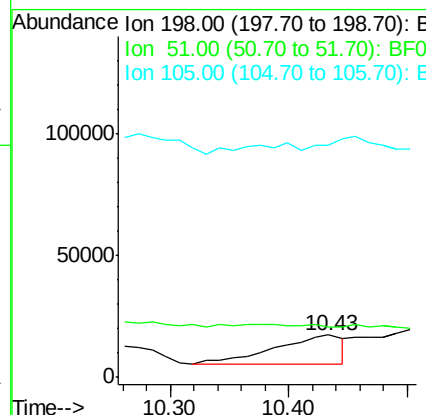
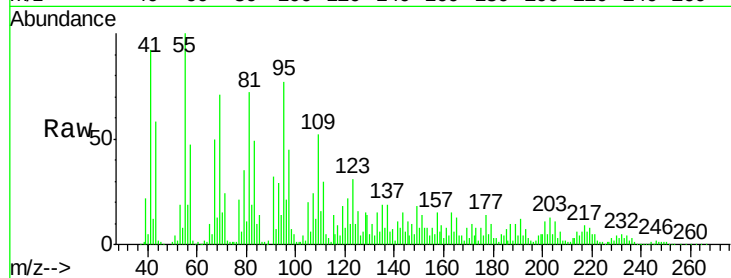




#64
 4,6-Dinitro-2-methylphenol
 Concen: 89.11 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.19 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

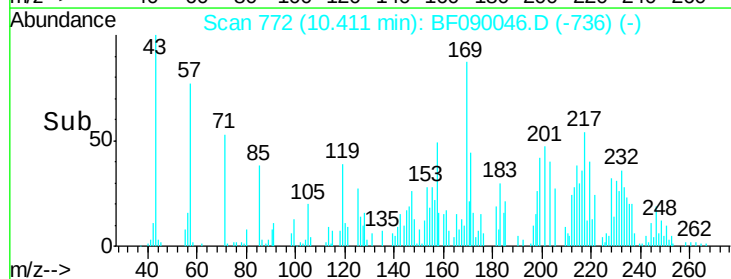
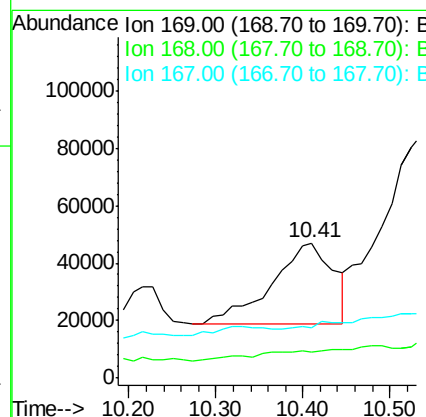
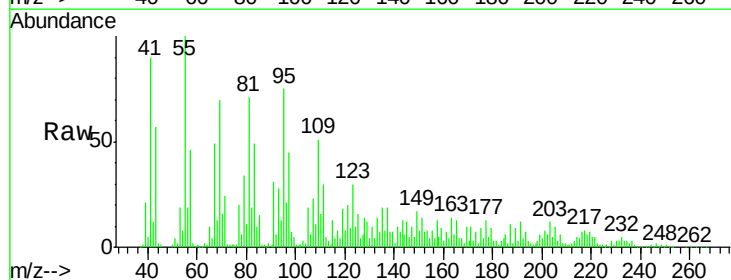
Instrument :
 BNA_F
 ClientSampleId :
 SS-TRANSFORMER-POLE44228

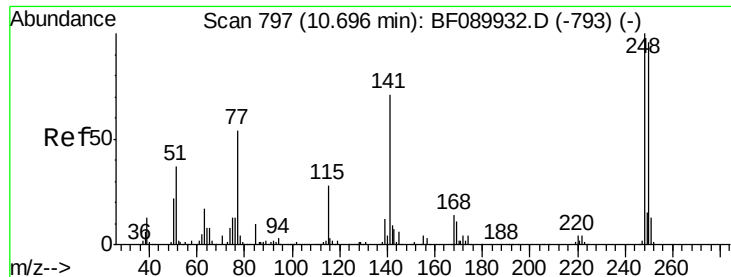
Tgt Ion:198 Resp: 46439
 Ion Ratio Lower Upper
 198 100
 51 119.9 43.0 83.0#
 105 548.9 30.3 70.3#



#65
 n-Nitrosodiphenylamine
 Concen: 57.53 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.11 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

Tgt Ion:169 Resp: 140792
 Ion Ratio Lower Upper
 169 100
 168 19.3 55.0 82.4#
 167 37.1 30.5 45.7





#66

4-Bromophenyl-phenylether

Concen: 17.21 ng

RT: 10.71 min Scan# 798

Delta R.T. 0.05 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228

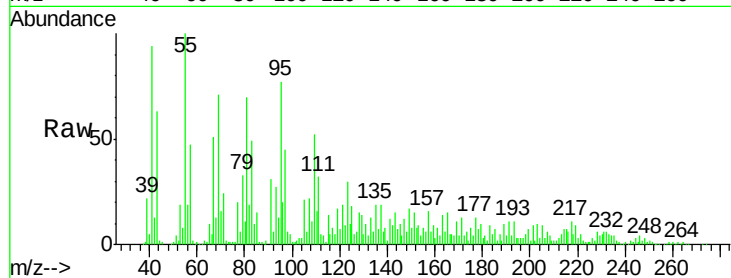
Tgt Ion:248 Resp: 14103

Ion Ratio Lower Upper

248 100

250 95.5 77.3 115.9

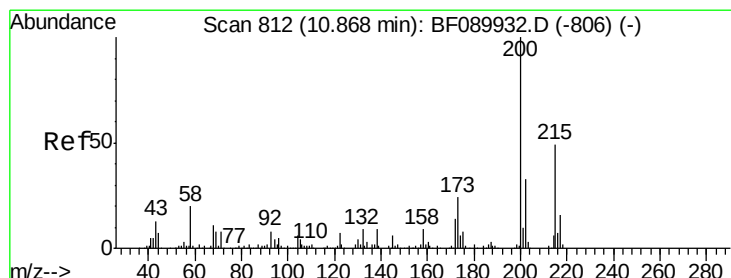
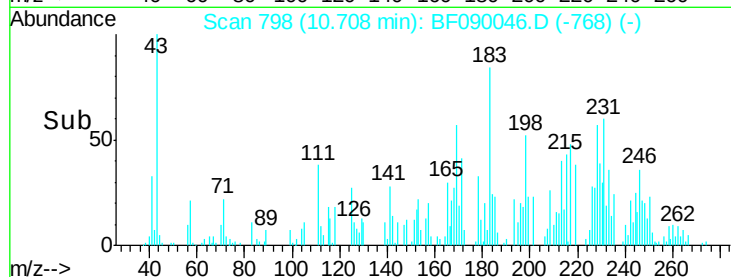
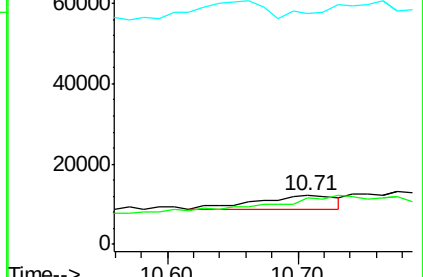
141 475.0 55.8 83.8#



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



#68

Atrazine

Concen: 29.73 ng

RT: 10.90 min Scan# 815

Delta R.T. 0.07 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

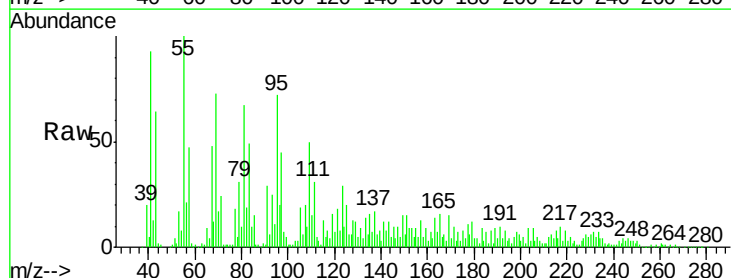
Tgt Ion:200 Resp: 24286

Ion Ratio Lower Upper

200 100

173 258.6 9.4 49.4#

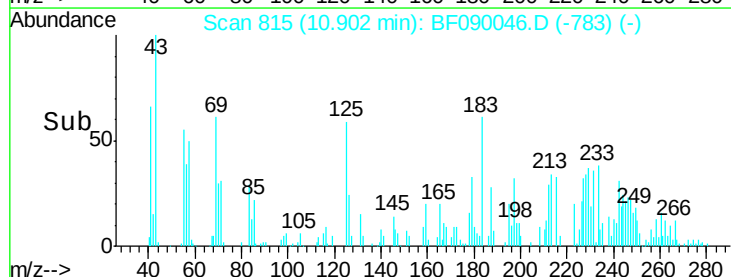
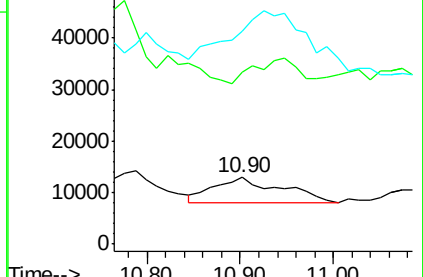
215 320.4 24.5 64.5#

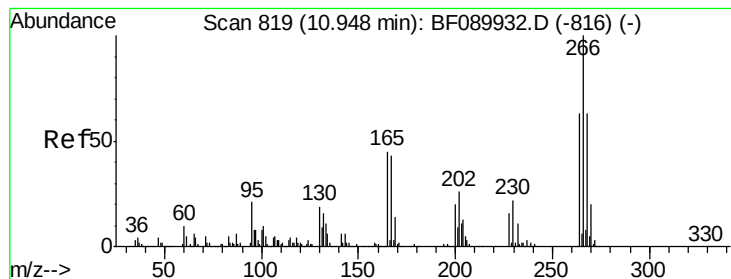


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 14.59 ng

RT: 10.97 min Scan# 821

Delta R.T. 0.06 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228

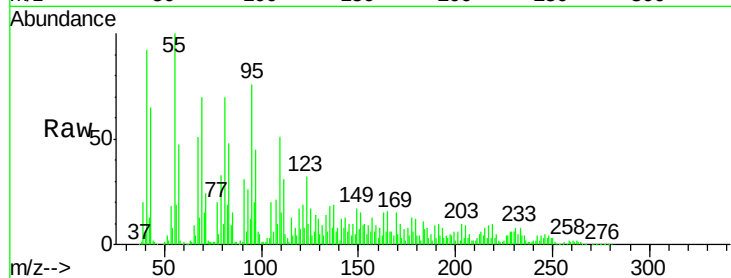
Tgt Ion:266 Resp: 7349

Ion Ratio Lower Upper

266 100

268 0.0 51.0 76.6#

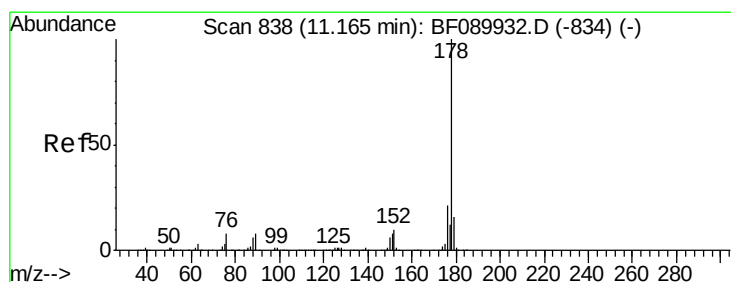
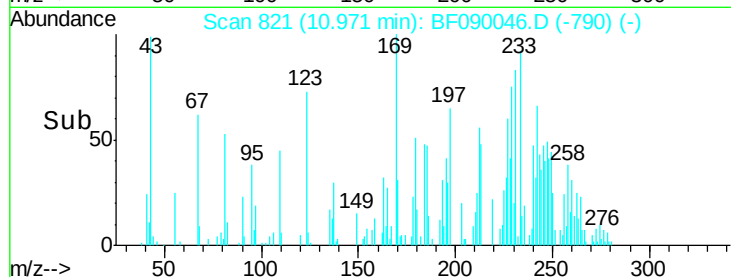
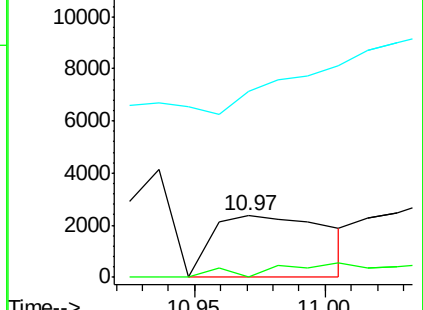
264 303.2 50.6 75.8#



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: 4.39 ng

RT: 11.27 min Scan# 847

Delta R.T. 0.14 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

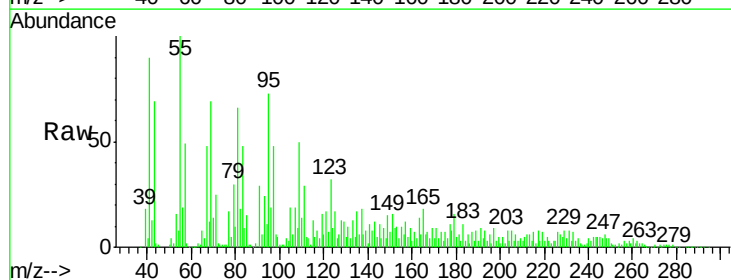
Tgt Ion:178 Resp: 17783

Ion Ratio Lower Upper

178 100

176 51.4 16.5 24.7#

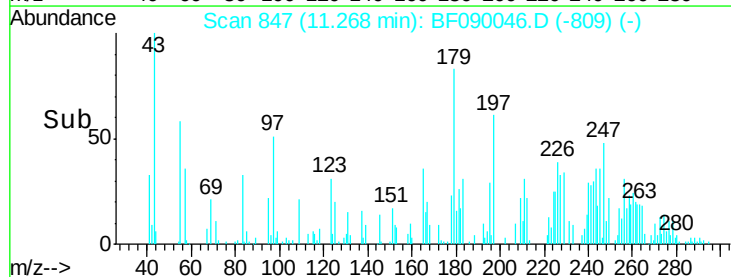
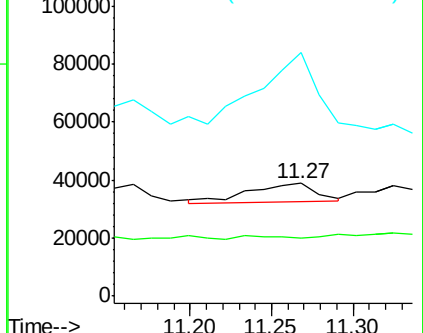
179 216.6 12.8 19.2#

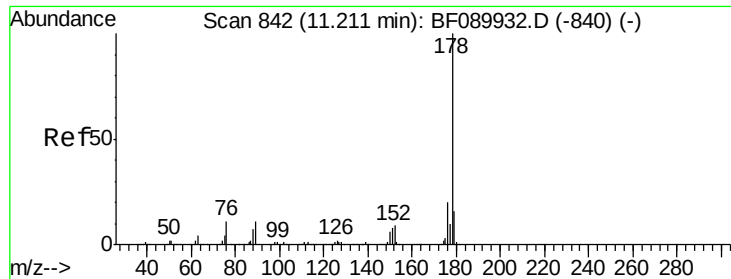


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

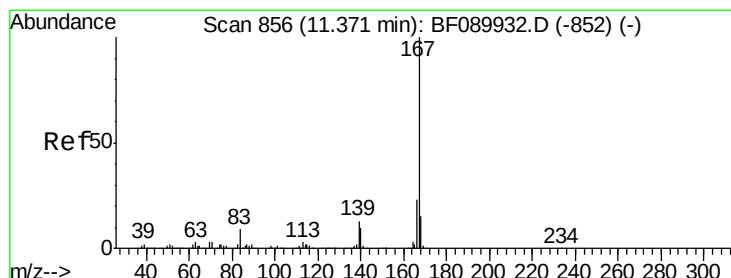
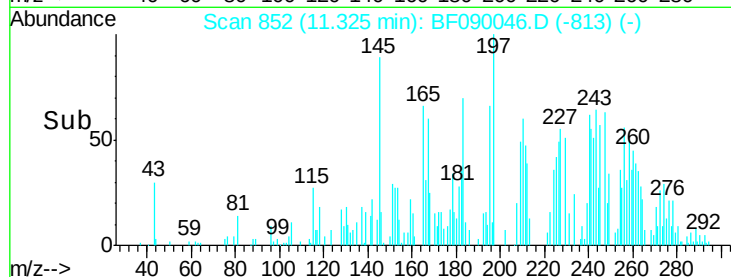
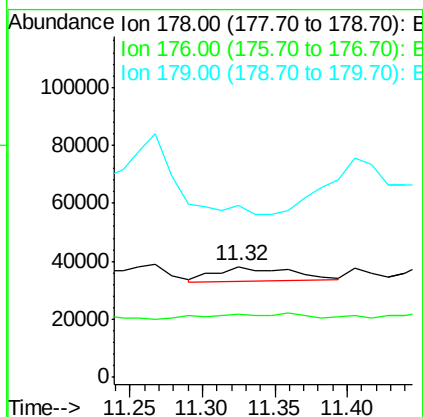
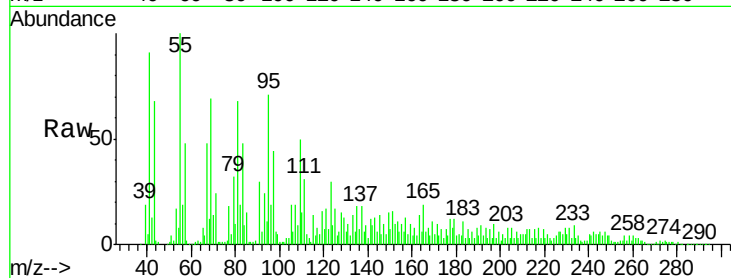




#71
 Anthracene
 Concen: 4.33 ng
 RT: 11.32 min Scan# 852
 Delta R.T. 0.15 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

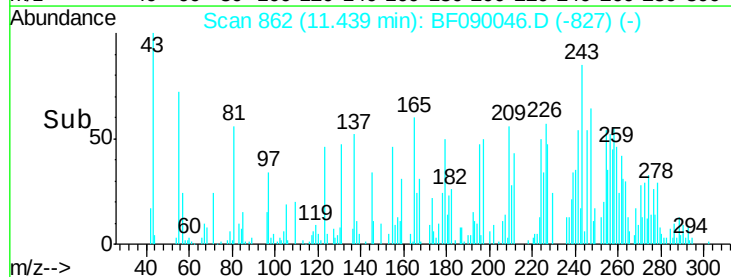
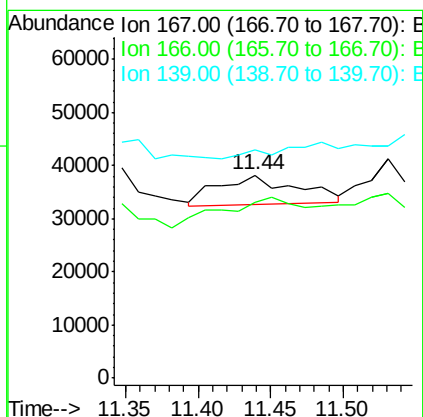
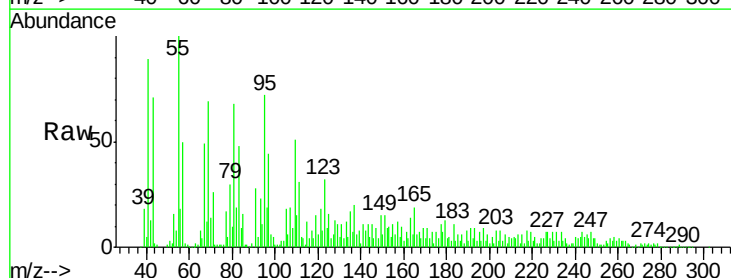
Instrument :
 BNA_F
 ClientSampleId :
 SS-TRANSFORMER-POLE44228

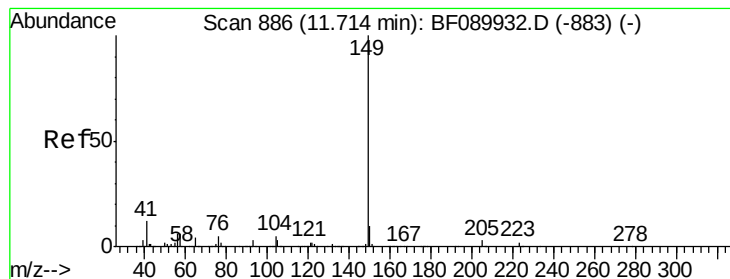
Tgt Ion:178 Resp: 17810
 Ion Ratio Lower Upper
 178 100
 176 56.7 15.8 23.8#
 179 155.6 13.0 19.4#



#72
 Carbazole
 Concen: 5.52 ng
 RT: 11.44 min Scan# 862
 Delta R.T. 0.10 min
 Lab File: BF090046.D
 Acq: 9 Sep 2016 1:30

Tgt Ion:167 Resp: 21291
 Ion Ratio Lower Upper
 167 100
 166 86.8 18.1 27.1#
 139 112.6 10.4 15.6#





#73

Di-n-butylphthalate

Concen: 12.67 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.09 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228

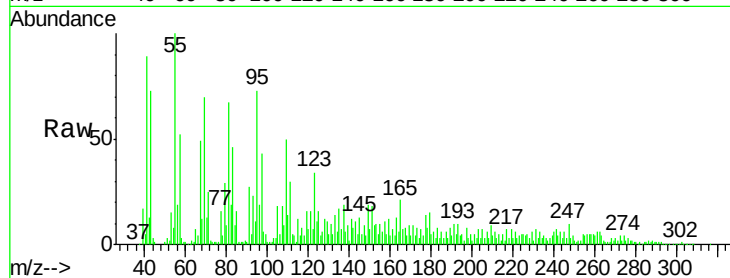
Tgt Ion:149 Resp: 56934

Ion Ratio Lower Upper

149 100

150 39.5 7.8 11.8#

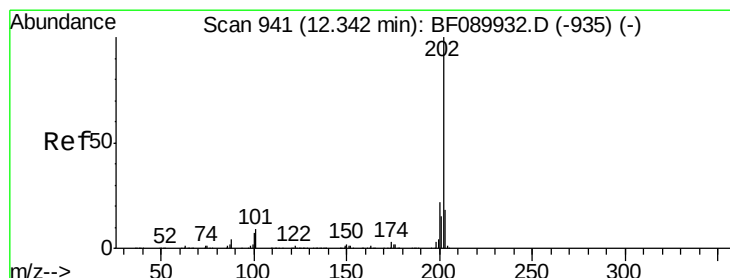
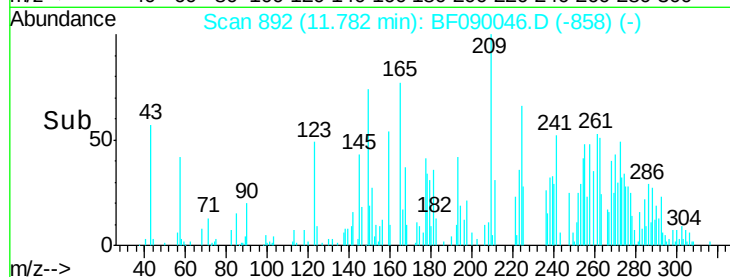
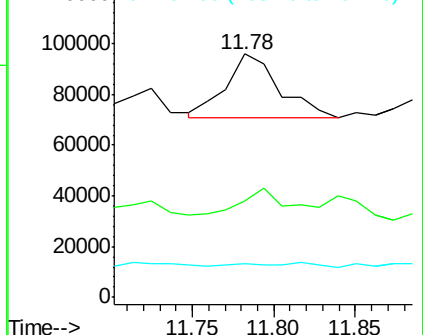
104 13.7 3.9 5.9#



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: 4.09 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.14 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

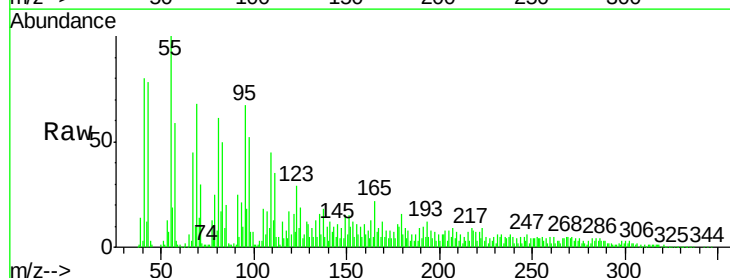
Tgt Ion:202 Resp: 17380

Ion Ratio Lower Upper

202 100

101 18.8 0.0 28.5

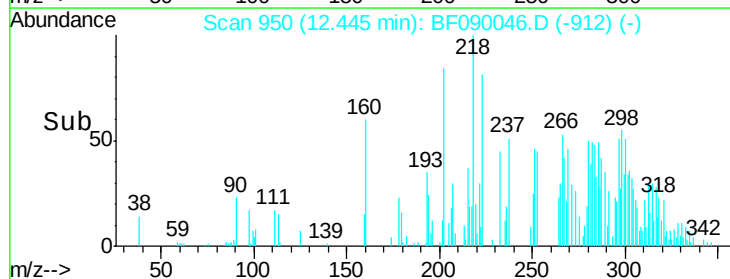
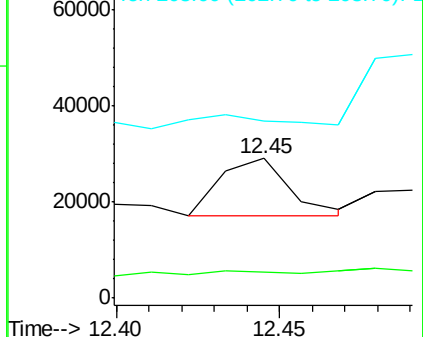
203 127.2 0.0 38.0#

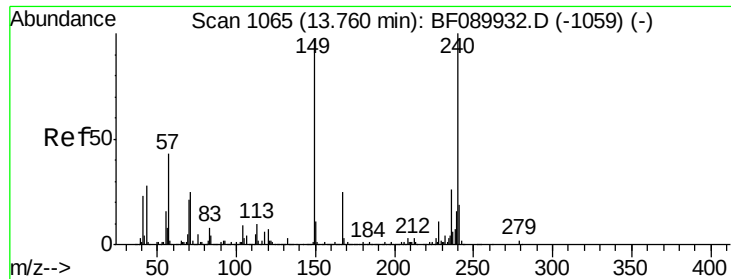


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. 0.08 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228

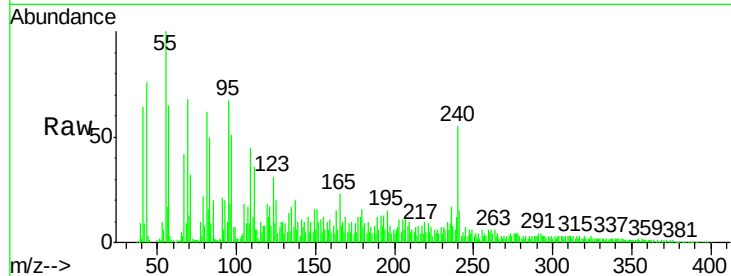
Tgt Ion:240 Resp: 173321

Ion Ratio Lower Upper

240 100

120 20.9 5.7 8.5#

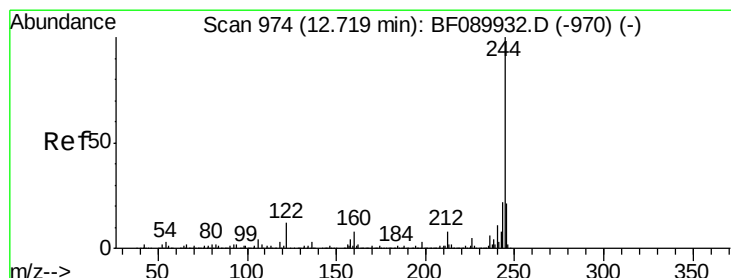
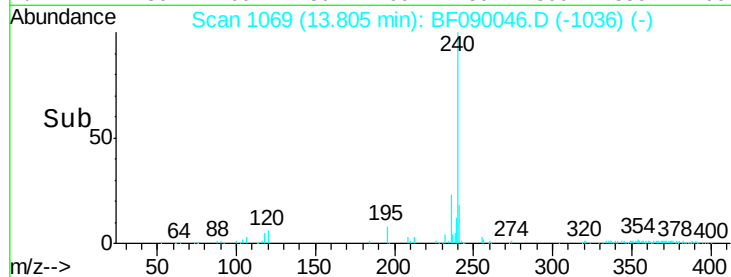
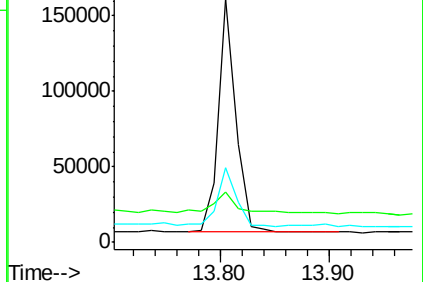
236 30.4 21.3 31.9



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



#78

Terphenyl-d14

Concen: 10.03 ng

RT: 12.80 min Scan# 981

Delta R.T. 0.11 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

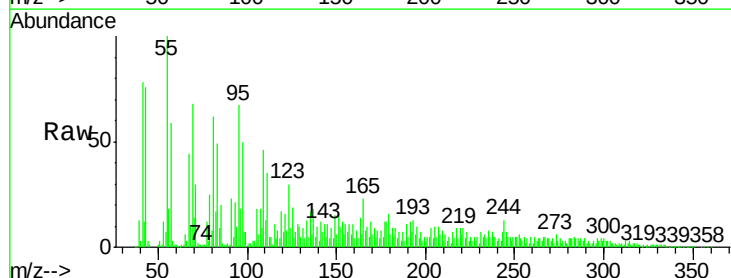
Tgt Ion:244 Resp: 70395

Ion Ratio Lower Upper

244 100

212 20.7 6.1 9.1#

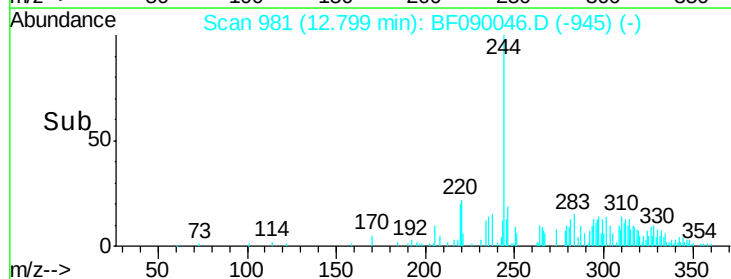
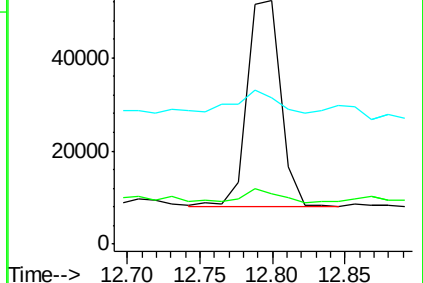
122 60.2 9.6 14.4#

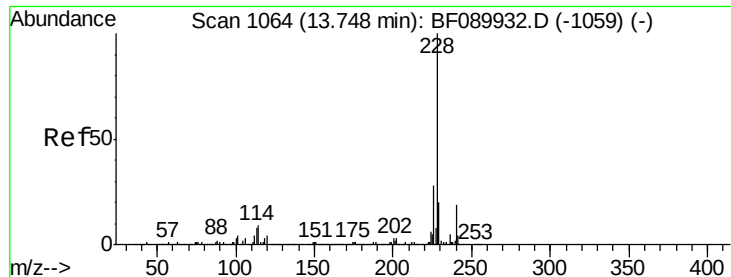


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.34 ng

RT: 13.82 min Scan# 1070

Delta R.T. 0.10 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228

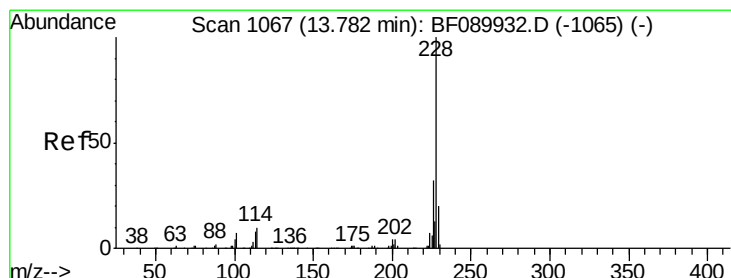
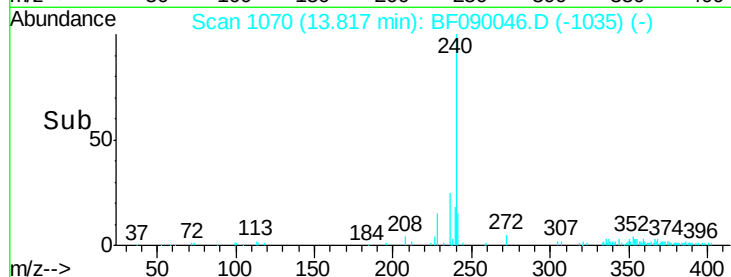
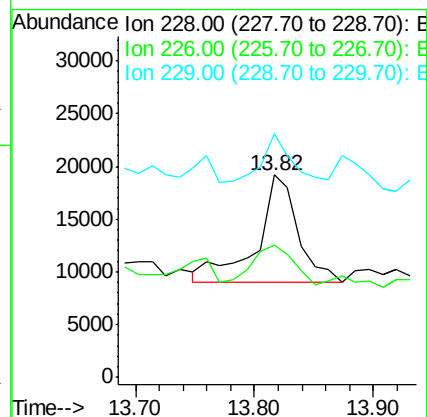
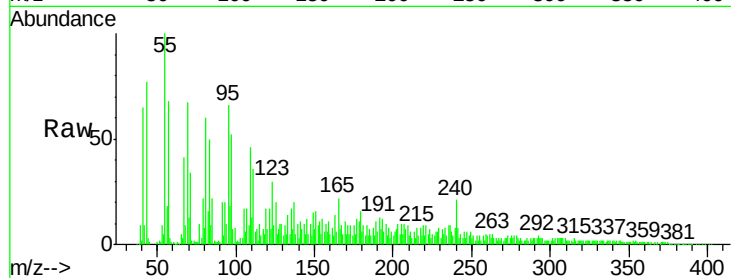
Tgt Ion:228 Resp: 24823

Ion Ratio Lower Upper

228 100

226 65.6 22.2 33.2#

229 120.3 15.8 23.6#



#82

Chrysene

Concen: 2.50 ng

RT: 13.82 min Scan# 1070

Delta R.T. 0.07 min

Lab File: BF090046.D

Acq: 9 Sep 2016 1:30

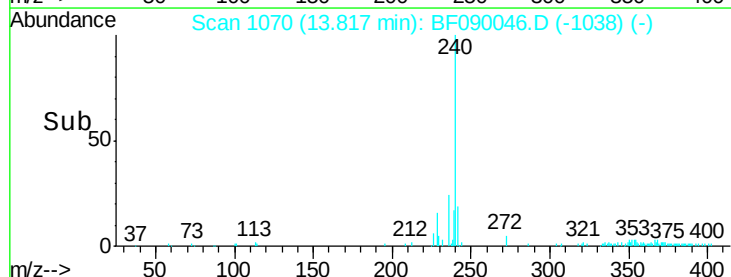
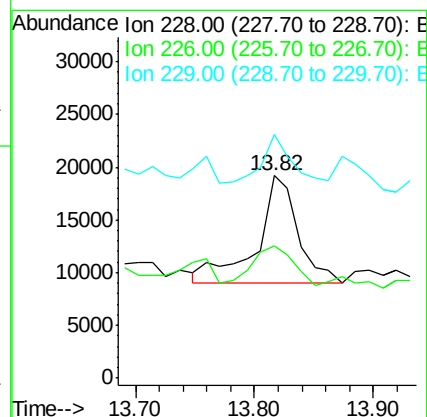
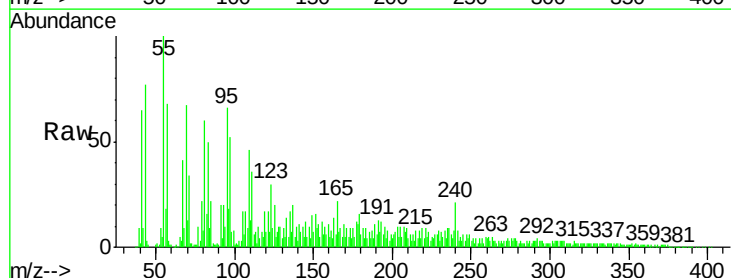
Tgt Ion:228 Resp: 24823

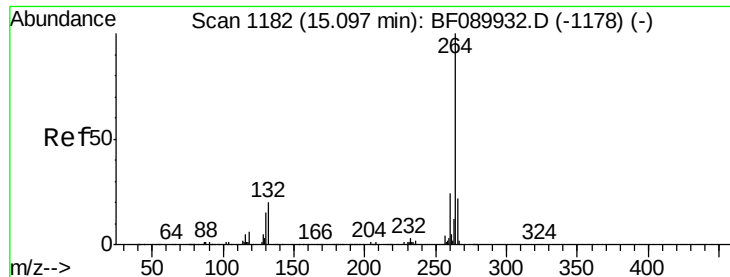
Ion Ratio Lower Upper

228 100

226 65.6 25.2 37.8#

229 120.3 16.2 24.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.05 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Instrument :
BNA_F
ClientSampleId :
SS-TRANSFORMER-POLE44228

Tgt Ion: 264 Resp: 216942

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.4	29.0
265	23.4	17.4	26.2

