

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
 Data File : BF090053.D
 Acq On : 9 Sep 2016 18:25
 Operator : UM/SJ
 Sample : H4688-04RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-TRANSFORMER-POLE44228RE

Quant Time: Sep 10 00:30:11 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	6.58	152	170450	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	600087	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	79790	20.00	ng	-0.11
63) Phenanthrene-d10	10.91	188	36193	20.00	ng	-0.19
75) Chrysene-d12	13.50	240	2460	20.00	ng	-0.23
86) Perylene-d12	0.00	264	0	0.00	ng	-15.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	240894	22.62	ng	-0.02
7) Phenol-d6	6.23	99	307843	23.79	ng	-0.02
23) Nitrobenzene-d5	7.15	82	150329	14.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	22129	28.11	ng	0.10
44) 2-Fluorobiphenyl	8.99	172	185493	38.16	ng	0.02
78) Terphenyl-d14	12.38	244	1415	14.21	ng	-0.31

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
36) 4-Chloro-3-methylphenol	8.34	107	206146	22.32	ng	# 12
42) 2,4,6-Trichlorophenol	8.73	196	27654	17.07	ng	# 11
43) 2,4,5-Trichlorophenol	8.73	196	27654	17.75	ng	# 1
46) 2-Chloronaphthalene	8.94	162	18163	4.00	ng	# 1
47) 2-Nitroaniline	9.07	65	12398	8.35	ng	# 85
49) Dimethylphthalate	9.28	163	75336	13.06	ng	# 35
50) 2,6-Dinitrotoluene	9.34	165	98150	76.52	ng	# 33
52) 3-Nitroaniline	9.44	138	127311	87.03	ng	# 18
53) 2,4-Dinitrophenol	9.66	184	485	2.74	ng	# 1
55) 4-Nitrophenol	9.69	139	12888	11.68	ng	# 1
56) 2,4-Dinitrotoluene	9.52	165	150462	92.50	ng	# 38
59) Diethylphthalate	9.93	149	203618	37.53	ng	# 1
60) 4-Chlorophenyl-phenylether	10.11	204	64850	29.56	ng	# 30
61) 4-Nitroaniline	10.16	138	173287	120.56	ng	# 50
64) 4,6-Dinitro-2-methylphenol	10.06	198	15514	66.95	ng	# 1
65) n-Nitrosodiphenylamine	10.16	169	17074	15.69	ng	# 53
66) 4-Bromophenyl-phenylether	10.58	248	89343	245.20	ng	# 1
68) Atrazine	10.67	200	6523	17.96	ng	# 1
69) Pentachlorophenol	10.74	266	4348	19.42	ng	# 1
70) Phenanthrene	10.95	178	13145	7.29	ng	# 1
71) Anthracene	10.95	178	24156	13.21	ng	# 1
72) Carbazole	11.18	167	5624	3.28	ng	# 1
73) Di-n-butylphthalate	11.55	149	5513	2.76	ng	# 17
76) Benzinine	12.26	184	13853	148.65	ng	# 1
77) Pyrene	12.31	202	23279	134.21	ng	# 1
79) Butylbenzylphthalate	13.01	149	55625	795.24	ng	# 47
80) Benzo(a)anthracene	13.51	228	2673	17.74	ng	# 1
81) 3,3'-Dichlorobenzidine	13.51	252	7099	130.53	ng	# 10
82) Chrysene	13.51	228	3105	22.06	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.53	149	9475	97.94	ng	# 49
84) Di-n-octyl phthalate	14.09	149	10600	67.88	ng	# 73
85) Indeno(1,2,3-cd)pyrene	15.98	276	502	4.82	ng	# 1

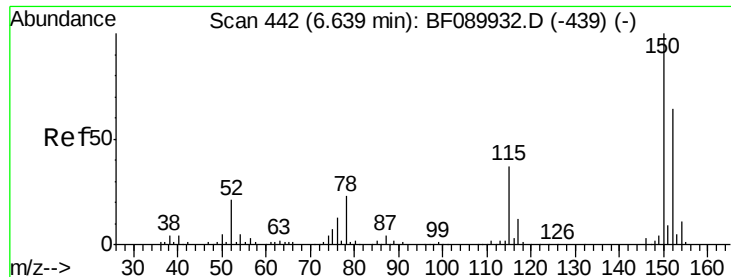
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
Data File : BF090053.D
Acq On : 9 Sep 2016 18:25
Operator : UM/SJ
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Quant Time: Sep 10 00:30:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

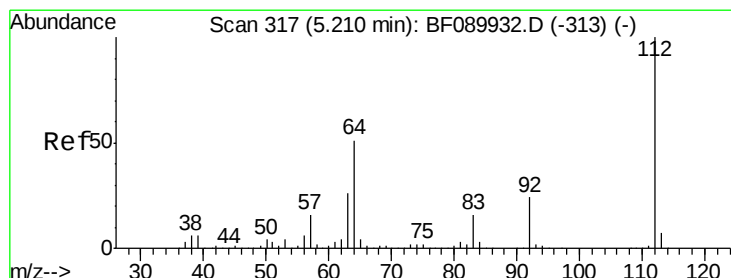
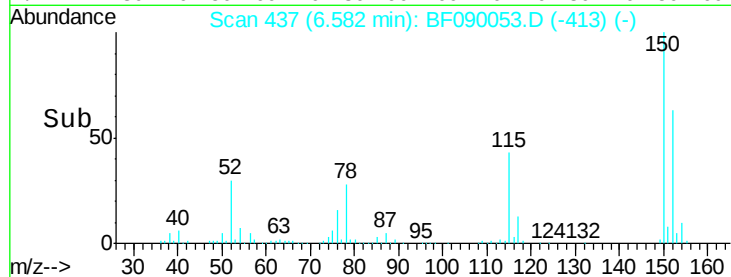
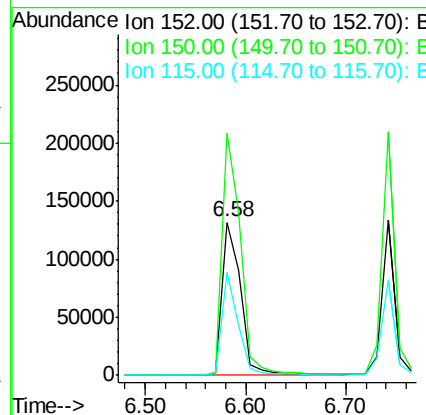
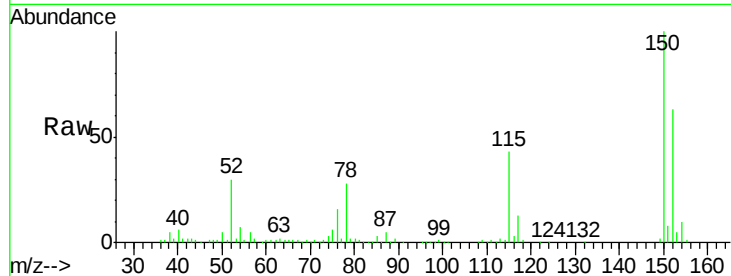


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF090053.D
Acq: 9 Sep 2016 18:25

Instrument :
BNA_F
ClientSampleId :
SS-TRANSFORMER-POLE44228RE

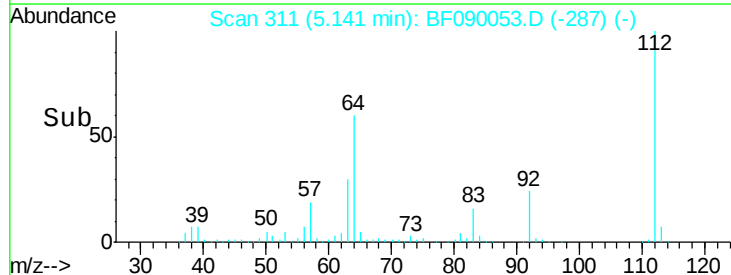
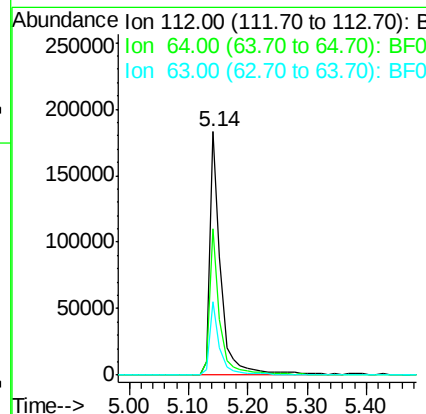
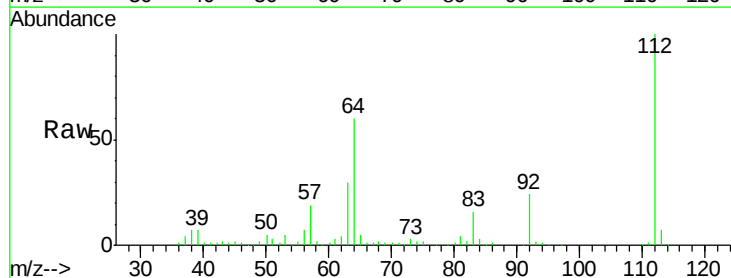
Tgt Ion:152 Resp: 170450
Ion Ratio Lower Upper
152 100
150 158.4 127.4 191.2
115 67.3 46.3 69.5

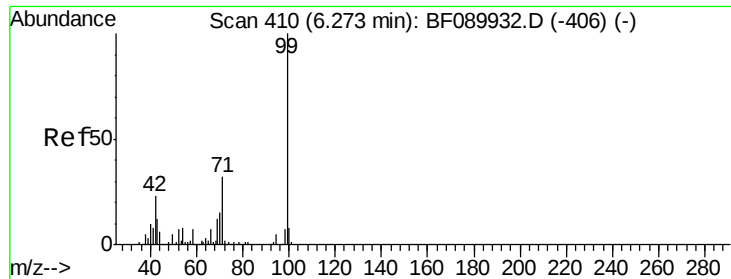


#5

2-Fluorophenol
Concen: 22.62 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.02 min
Lab File: BF090053.D
Acq: 9 Sep 2016 18:25

Tgt Ion:112 Resp: 240894
Ion Ratio Lower Upper
112 100
64 60.2 41.1 61.7
63 29.9 21.2 31.8





#7

Phenol-d6

Concen: 23.79 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

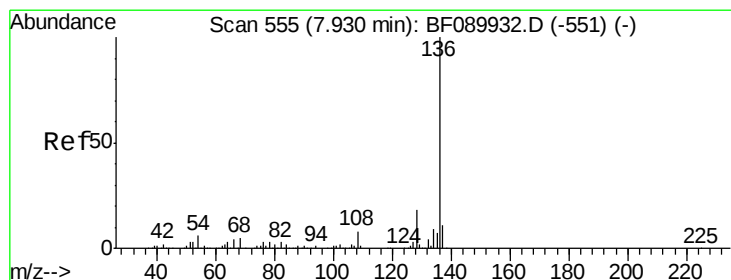
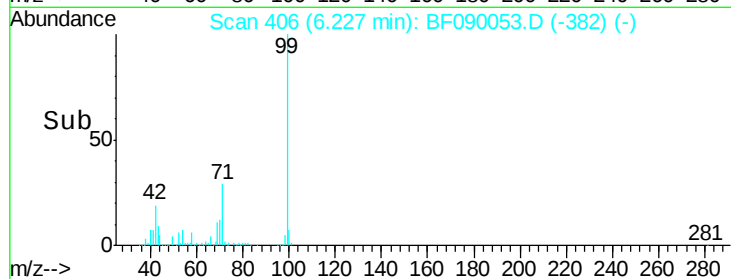
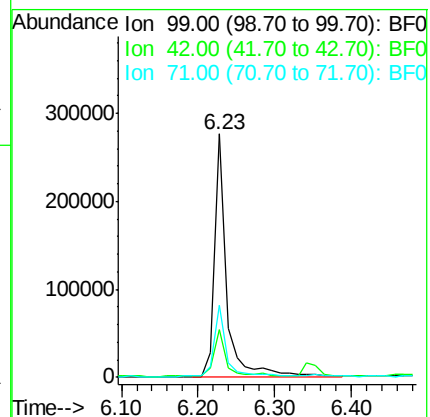
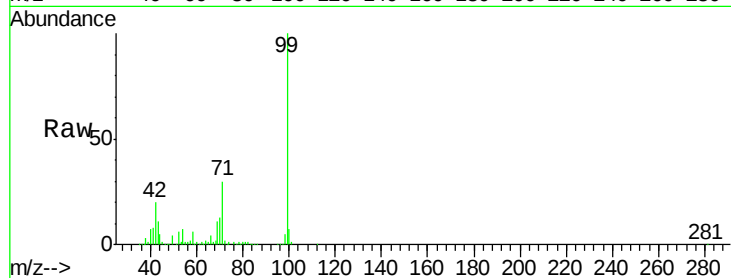
Tgt Ion: 99 Resp: 307843

Ion Ratio Lower Upper

99 100

42 19.5 18.6 27.8

71 29.6 25.8 38.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Tgt Ion: 136 Resp: 600087

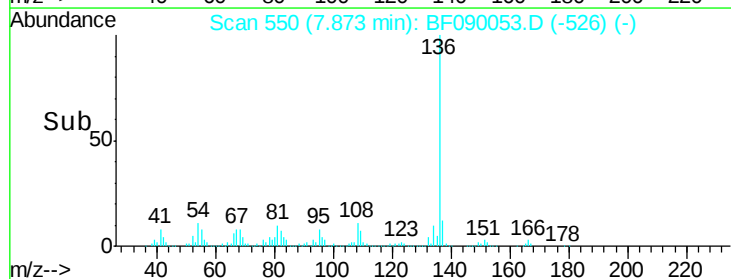
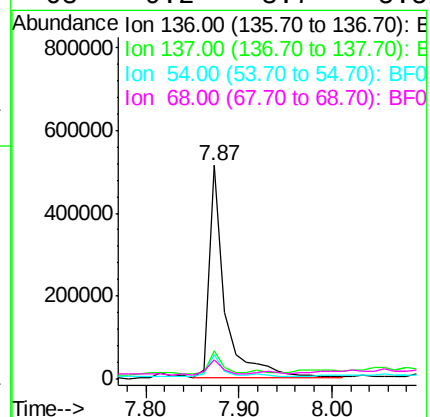
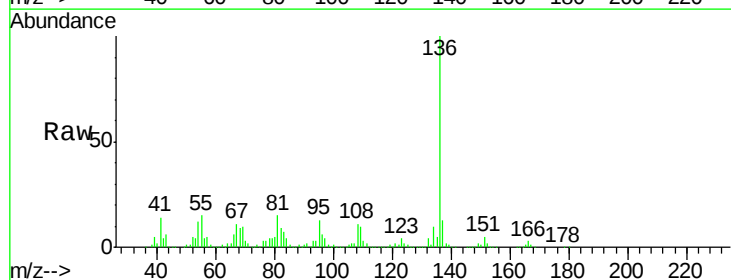
Ion Ratio Lower Upper

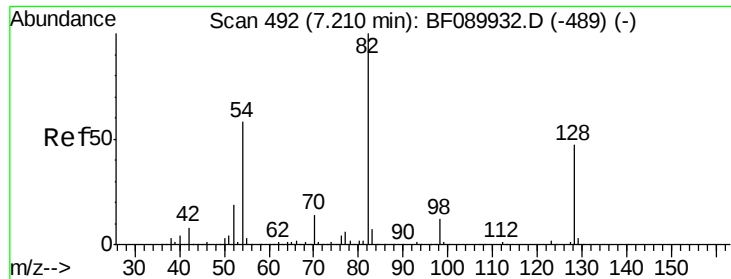
136 100

137 13.4 8.3 12.5#

54 11.6 4.8 7.2#

68 9.2 3.7 5.5#

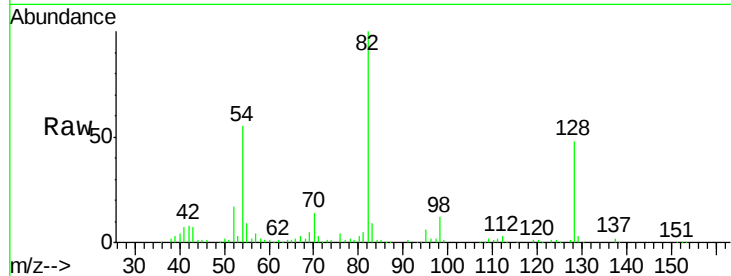




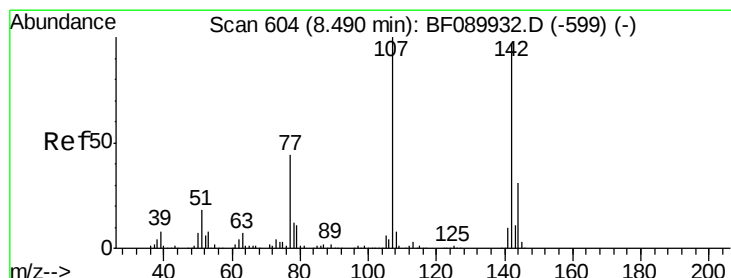
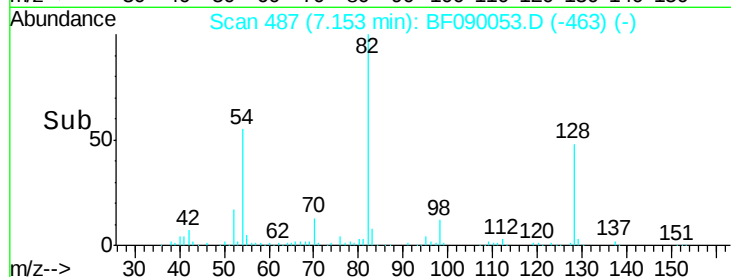
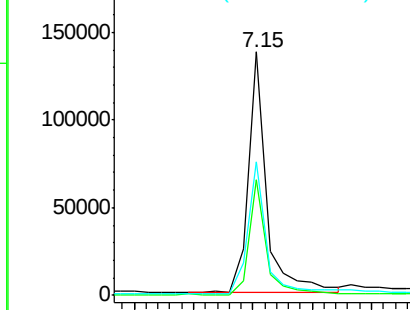
#23
 Nitrobenzene-d5
 Concen: 14.53 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF090053.D
 Acq: 9 Sep 2016 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SS-TRANSFORMER-POLE44228RE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.8	56.8
54	54.9	46.9	70.3

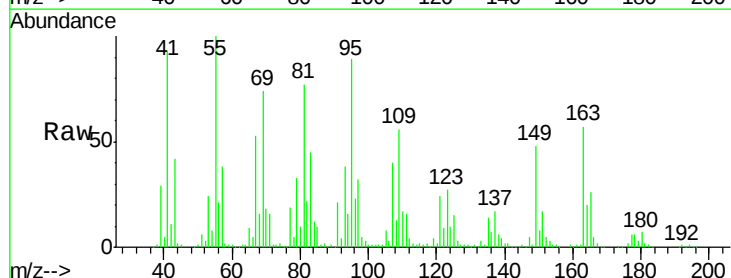


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

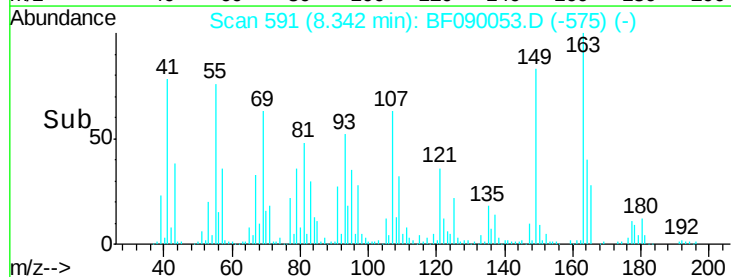
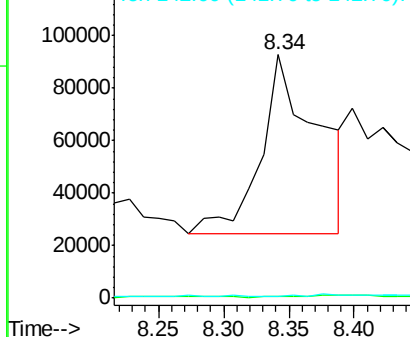


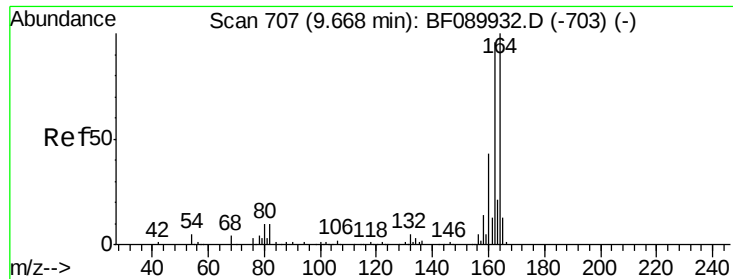
#36
 4-Chloro-3-methylphenol
 Concen: 22.32 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.11 min
 Lab File: BF090053.D
 Acq: 9 Sep 2016 18:25

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



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.11 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

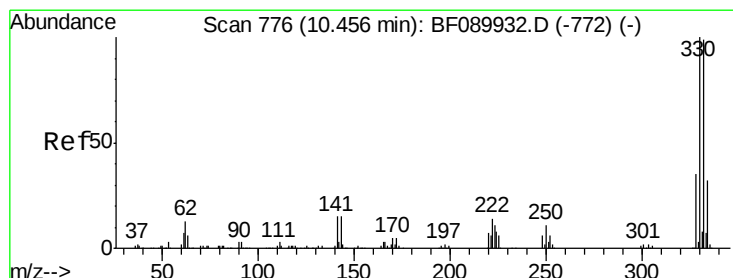
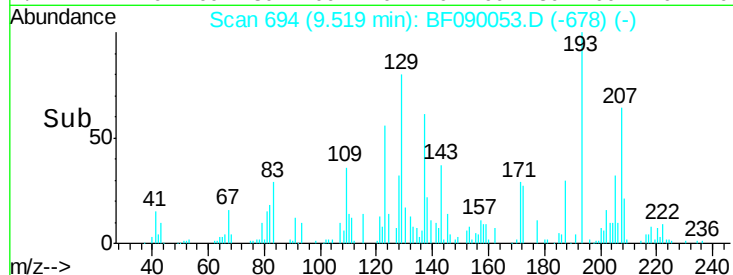
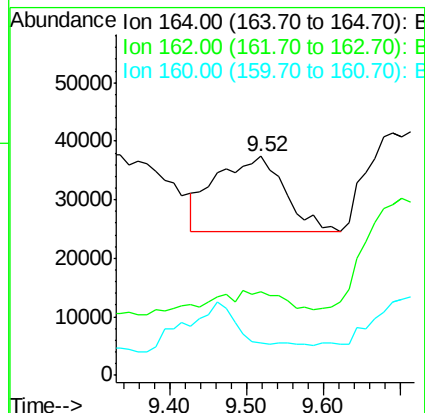
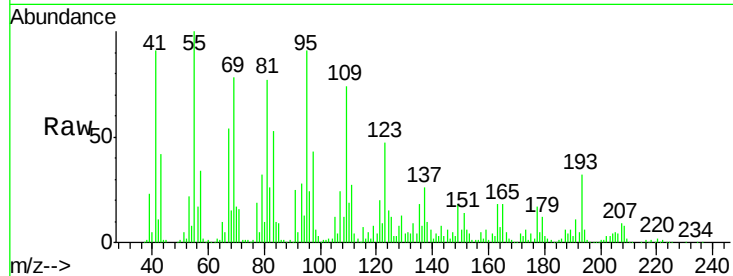
Tgt Ion:164 Resp: 79790

Ion Ratio Lower Upper

164 100

162 38.1 77.1 115.7#

160 14.8 35.3 52.9#



#41

2,4,6-Tribromophenol

Concen: 28.11 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.10 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

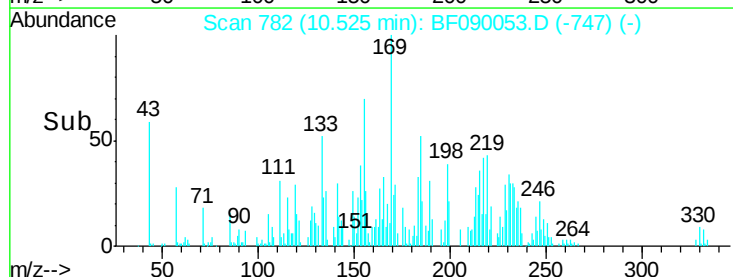
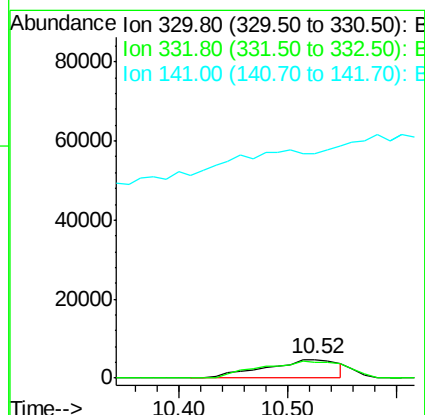
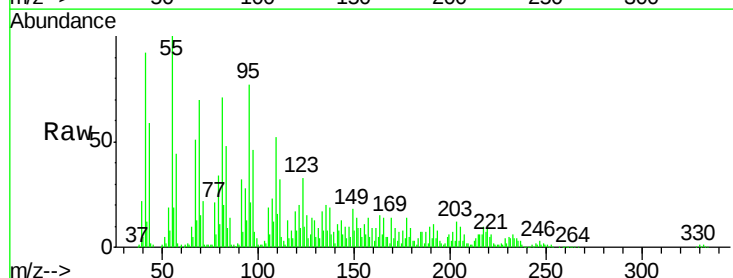
Tgt Ion:330 Resp: 22129

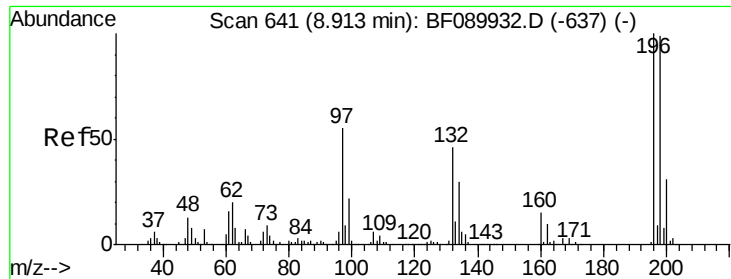
Ion Ratio Lower Upper

330 100

332 0.0 78.6 117.8#

141 0.0 23.3 34.9#

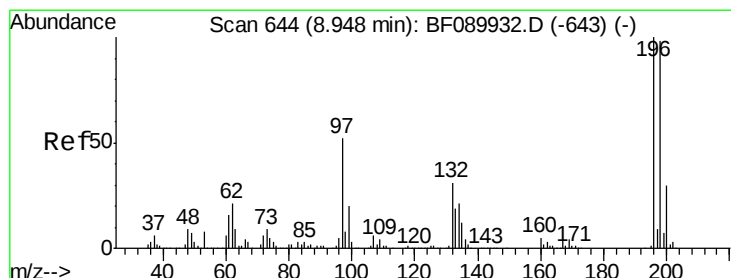
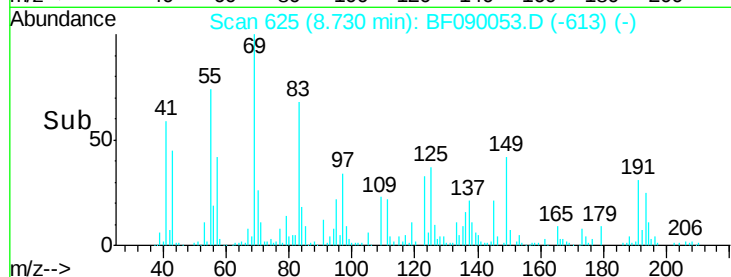
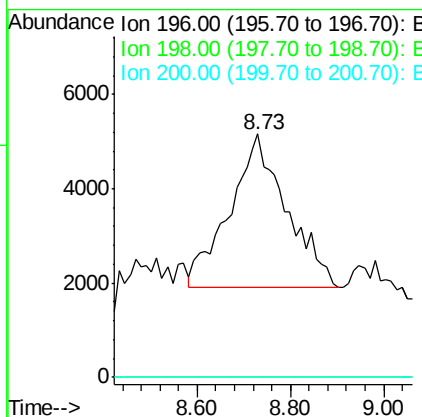
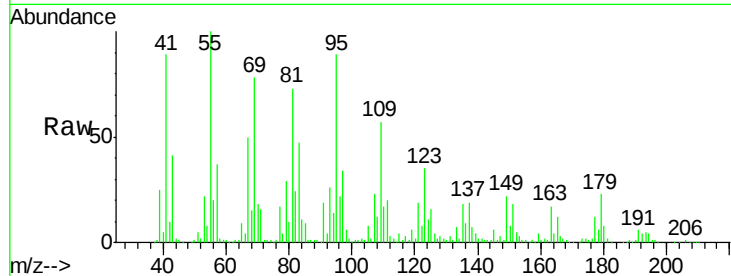




#42
 2,4,6-Trichlorophenol
 Concen: 17.07 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.16 min
 Lab File: BF090053.D
 Acq: 9 Sep 2016 18:25

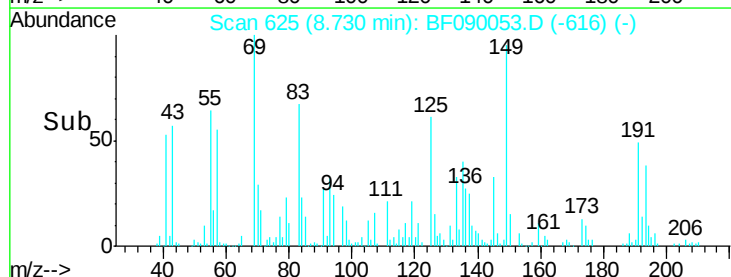
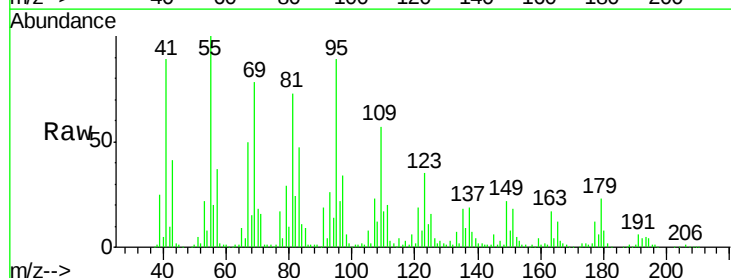
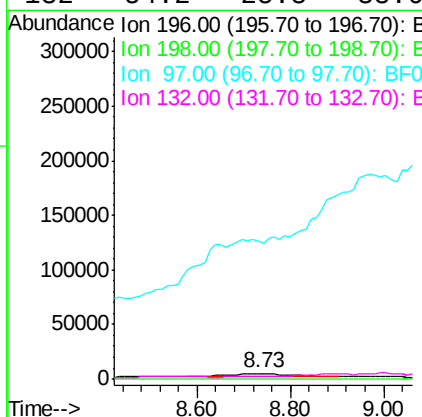
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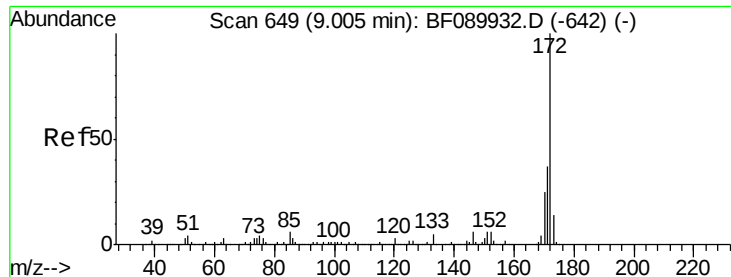
Tgt Ion:196 Resp: 27654
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.3 117.5#
 200 0.0 24.8 37.2#



#43
 2,4,5-Trichlorophenol
 Concen: 17.75 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.19 min
 Lab File: BF090053.D
 Acq: 9 Sep 2016 18:25

Tgt Ion:196 Resp: 27654
 Ion Ratio Lower Upper
 196 100
 198 0.0 80.8 121.2#
 97 2442.3 44.2 66.4#
 132 54.2 25.8 38.6#

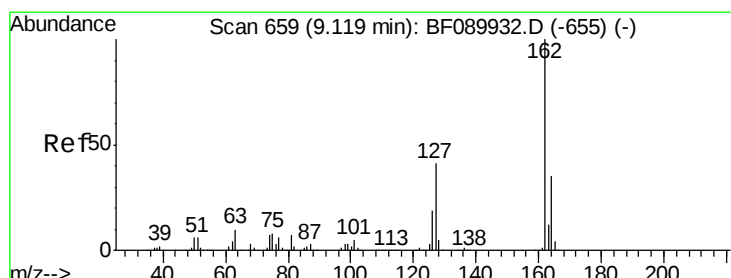
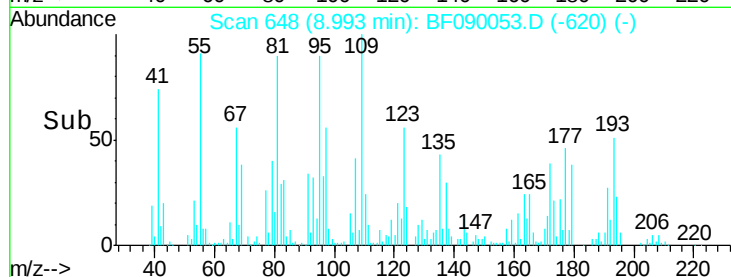
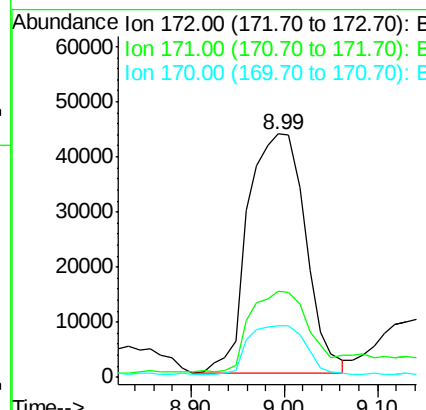
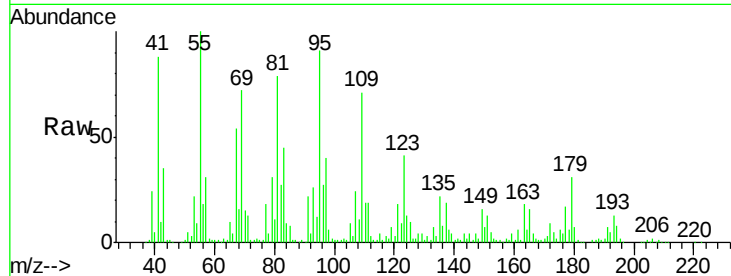




#44
 2-Fluorobiphenyl
 Concen: 38.16 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.02 min
 Lab File: BF090053.D
 Acq: 9 Sep 2016 18:25

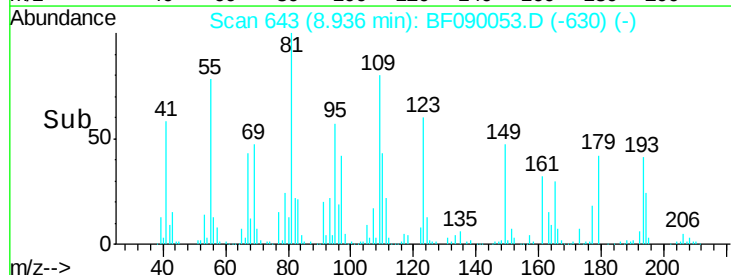
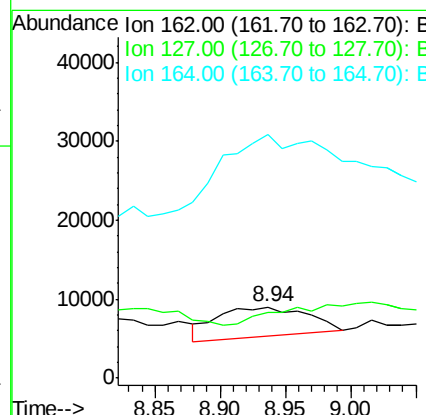
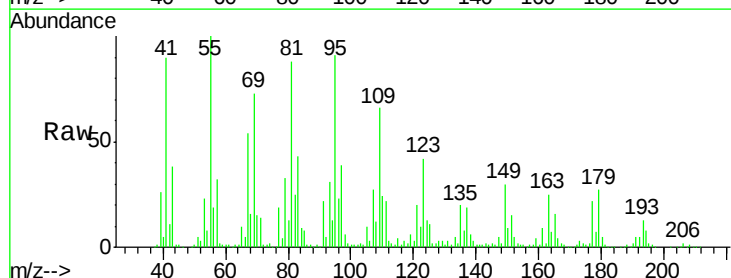
Instrument :
 BNA_F
 ClientSampleId :
 SS-TRANSFORMER-POLE44228RE

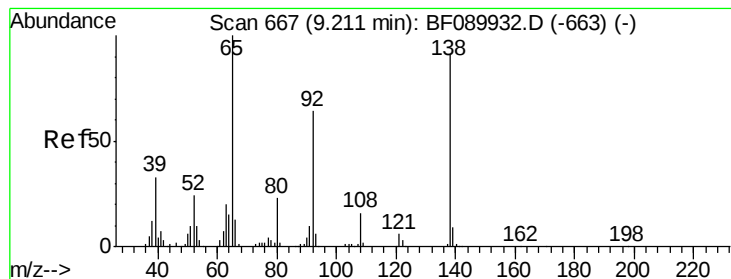
Tgt Ion:172 Resp: 185493
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.2
 170 21.3 20.1 30.1



#46
 2-Chloronaphthalene
 Concen: 4.00 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.15 min
 Lab File: BF090053.D
 Acq: 9 Sep 2016 18:25

Tgt Ion:162 Resp: 18163
 Ion Ratio Lower Upper
 162 100
 127 92.8 33.5 50.3#
 164 341.4 28.2 42.4#





#47

2-Nitroaniline

Concen: 8.35 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.11 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

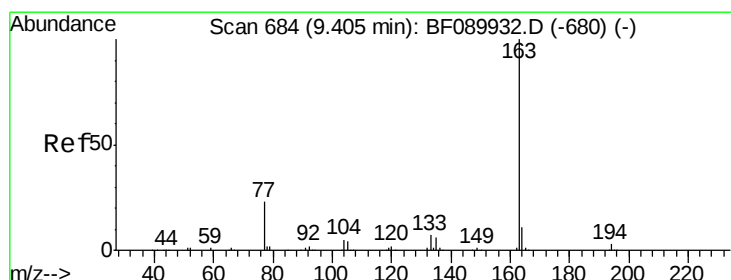
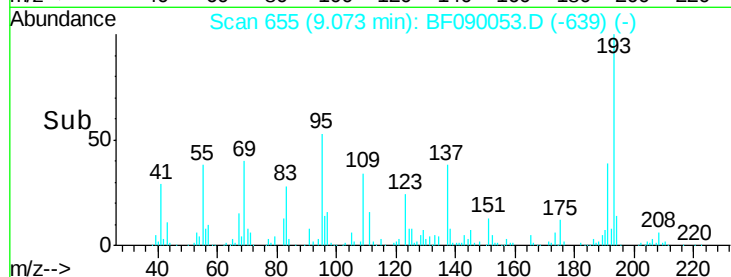
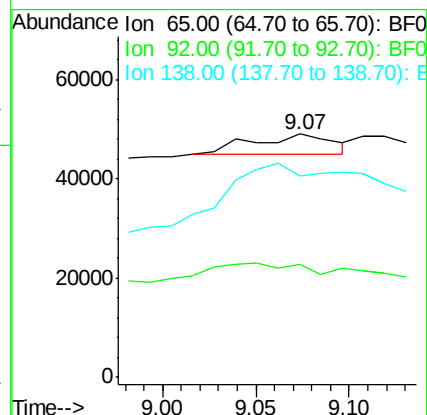
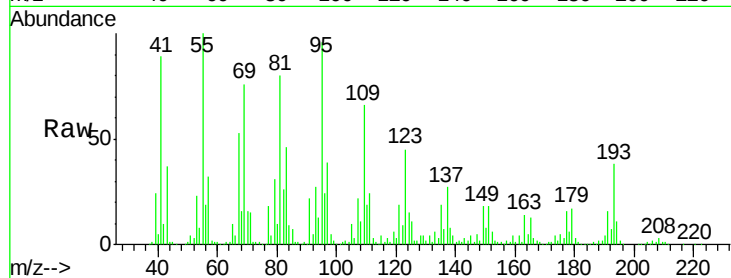
Tgt Ion: 65 Resp: 12398

Ion Ratio Lower Upper

65 100

92 46.3 52.0 78.0#

138 82.7 72.1 108.1



#49

Dimethylphthalate

Concen: 13.06 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.10 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

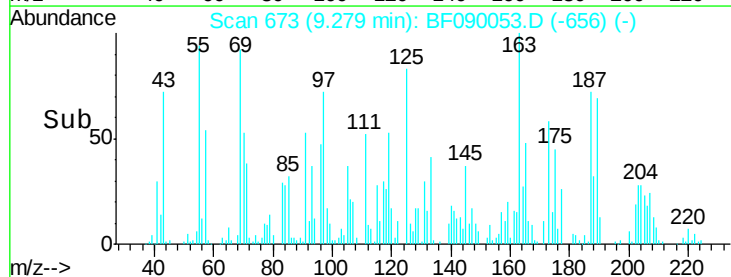
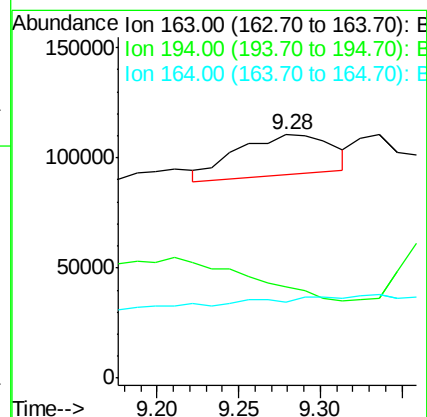
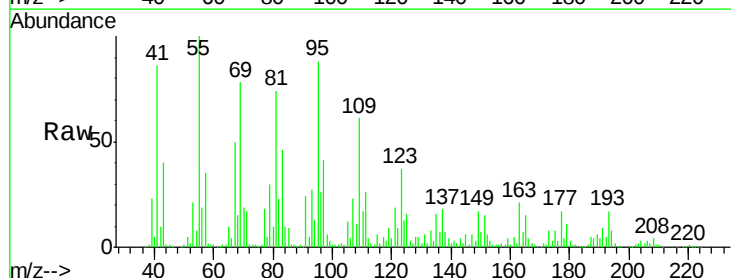
Tgt Ion: 163 Resp: 75336

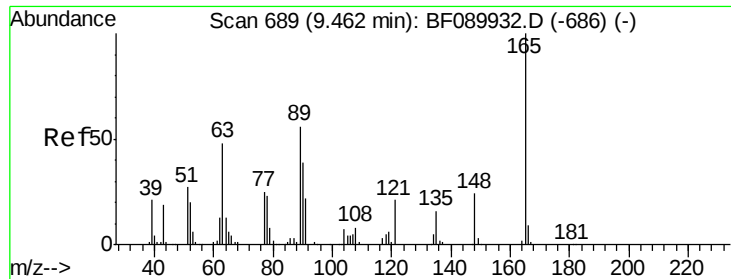
Ion Ratio Lower Upper

163 100

194 37.4 2.7 4.1#

164 31.4 9.0 13.4#





#50

2,6-Dinitrotoluene

Concen: 76.52 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.10 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

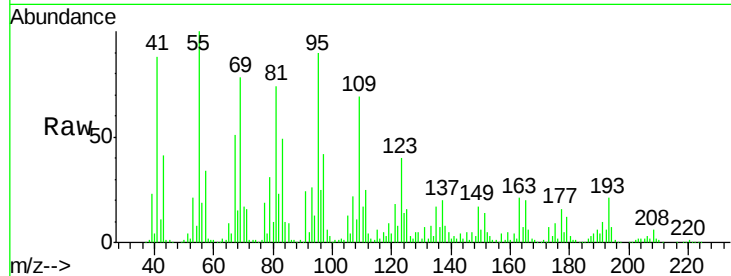
Tgt Ion:165 Resp: 98150

Ion Ratio Lower Upper

165 100

63 7.7 45.0 67.4#

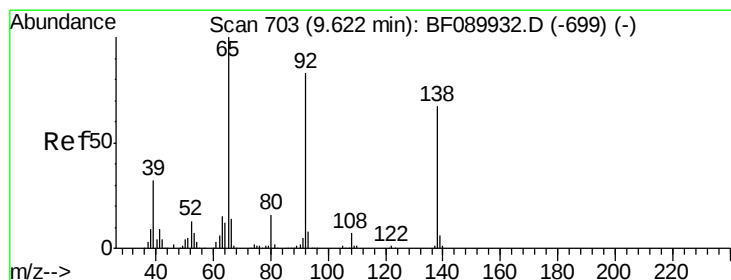
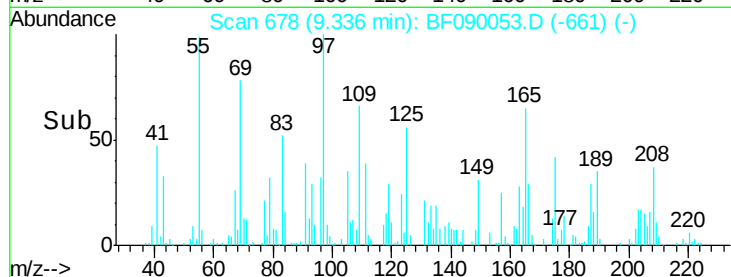
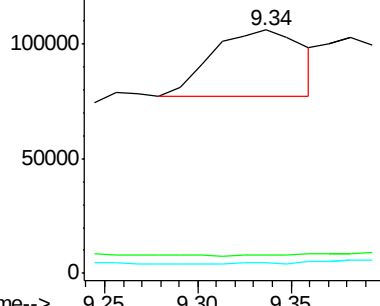
89 4.6 41.5 62.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#52

3-Nitroaniline

Concen: 87.03 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.16 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

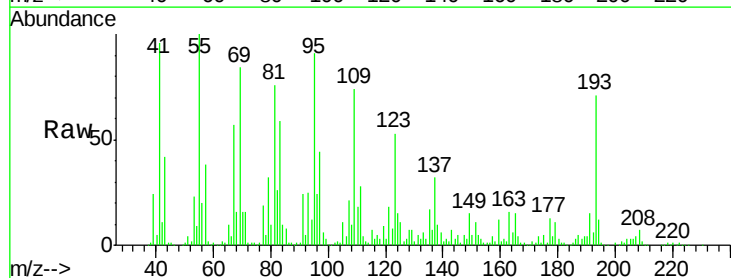
Tgt Ion:138 Resp: 127311

Ion Ratio Lower Upper

138 100

108 105.1 8.3 12.5#

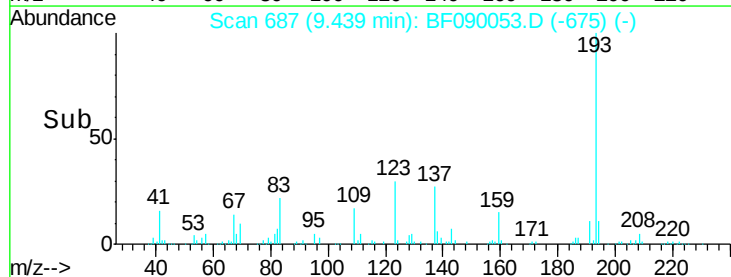
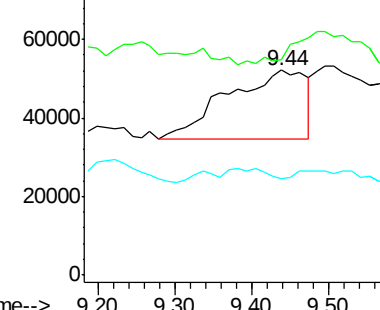
92 47.3 99.1 148.7#

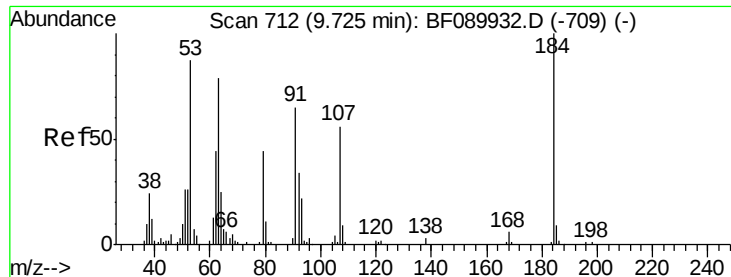


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 2.74 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.05 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

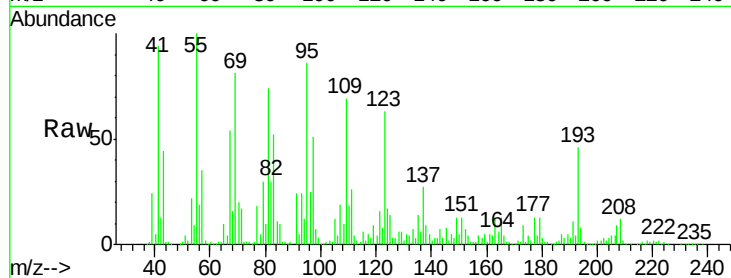
Tgt Ion:184 Resp: 485

Ion Ratio Lower Upper

184 100

63 991.5 73.9 110.9#

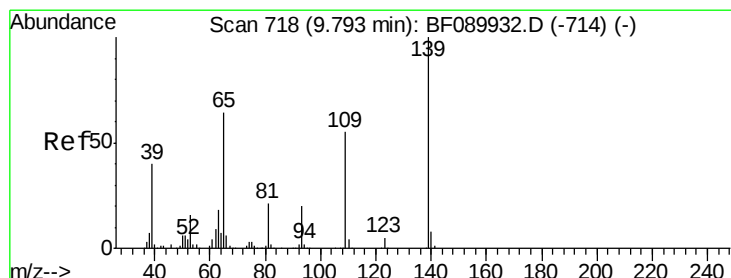
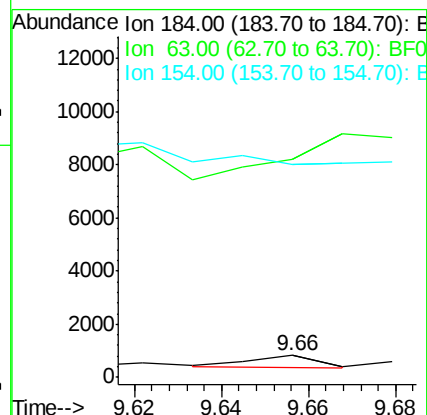
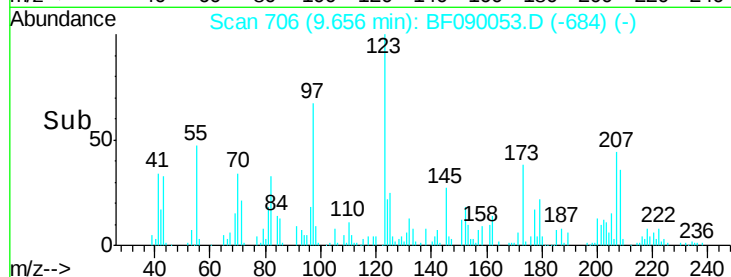
154 968.5 53.5 80.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#55

4-Nitrophenol

Concen: 11.68 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.08 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

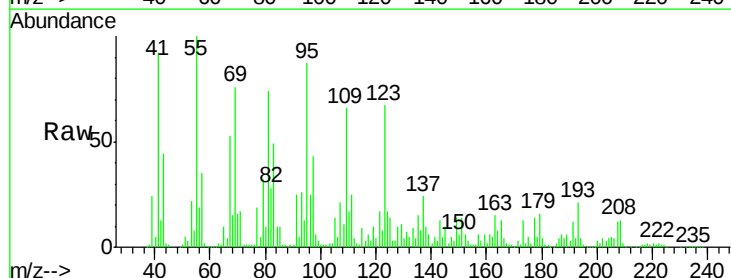
Tgt Ion:139 Resp: 12888

Ion Ratio Lower Upper

139 100

109 1105.0 31.3 71.3#

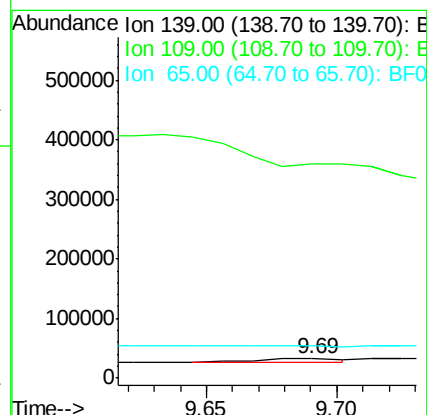
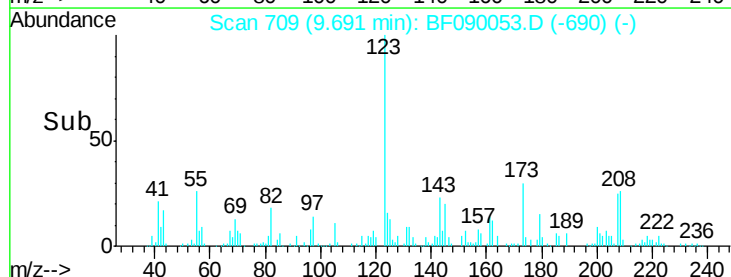
65 166.1 38.5 78.5#

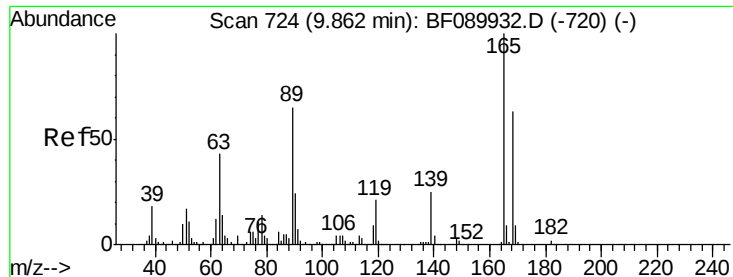


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 92.50 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.31 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

Tgt Ion:165 Resp: 150462

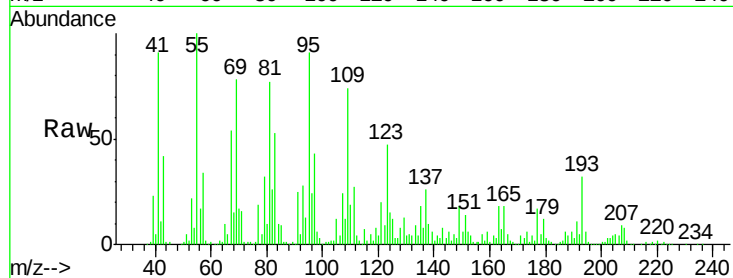
Ion Ratio Lower Upper

165 100

63 9.4 32.5 48.7#

89 6.1 48.3 72.5#

182 3.4 1.7 2.5#

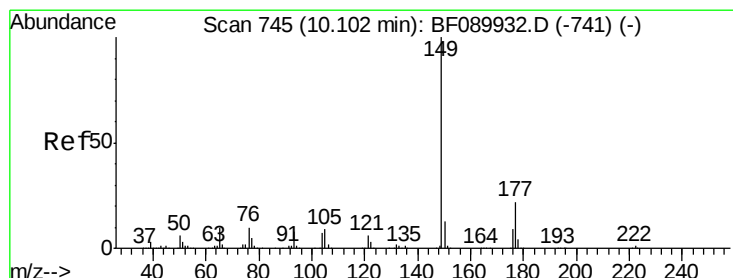
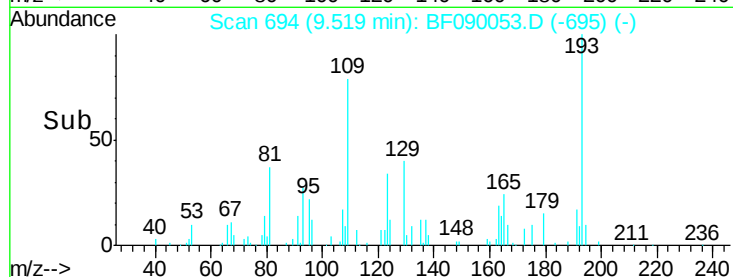
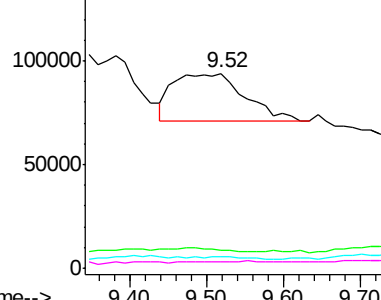


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#59

Diethylphthalate

Concen: 37.53 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.14 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

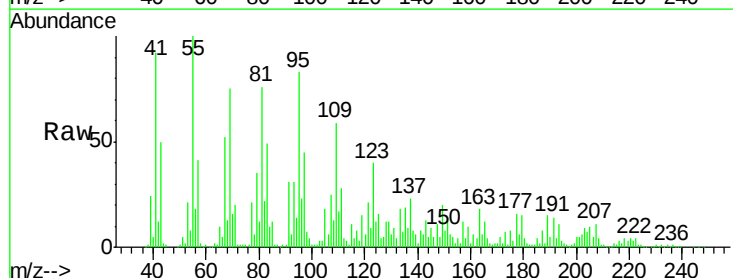
Tgt Ion:149 Resp: 203618

Ion Ratio Lower Upper

149 100

177 80.0 17.7 26.5#

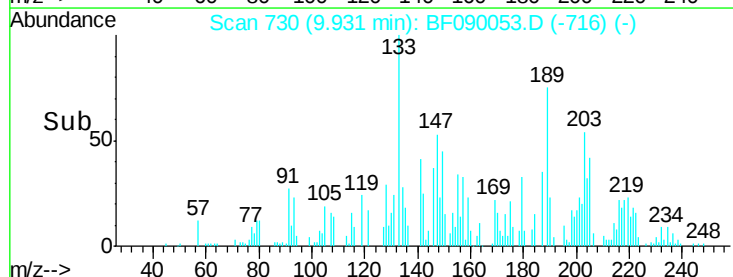
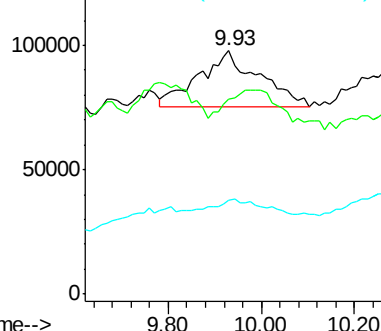
150 38.7 10.2 15.2#

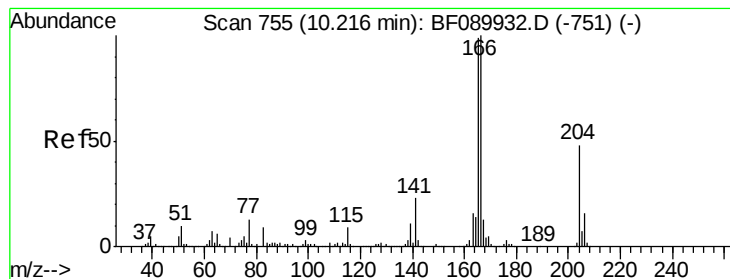


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 29.56 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

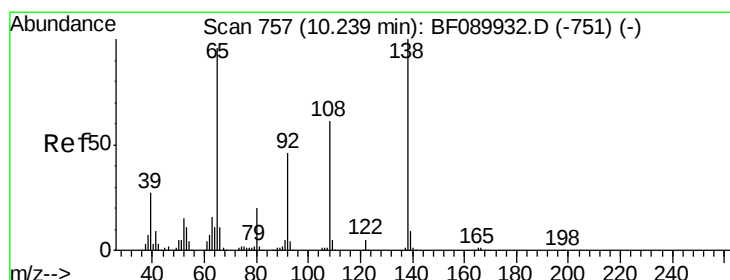
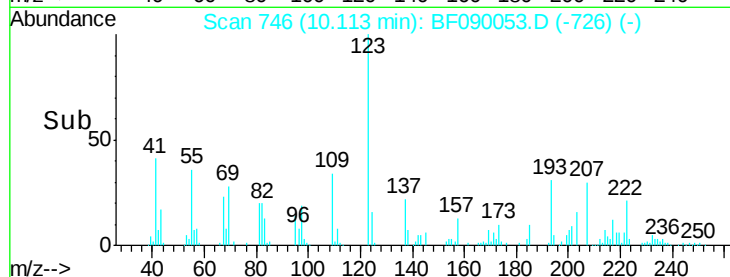
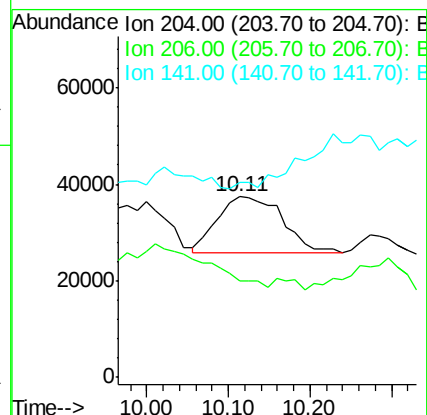
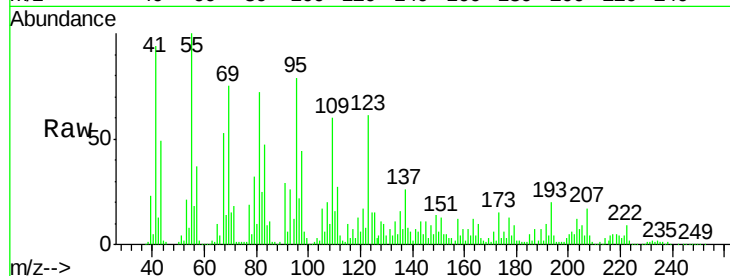
Tgt Ion:204 Resp: 64850

Ion Ratio Lower Upper

204 100

206 53.2 26.6 40.0#

141 108.2 36.5 54.7#



#61

4-Nitroaniline

Concen: 120.56 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.06 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

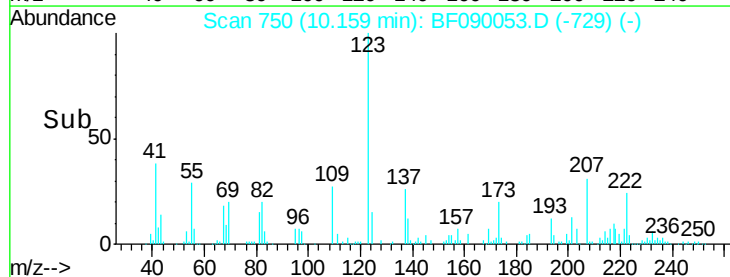
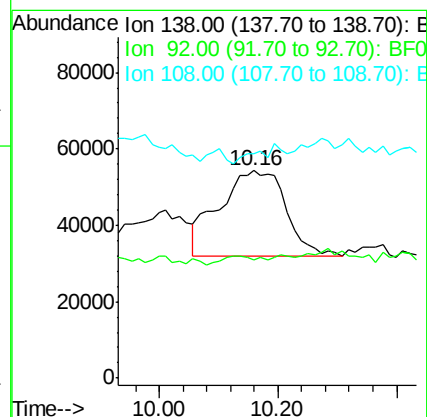
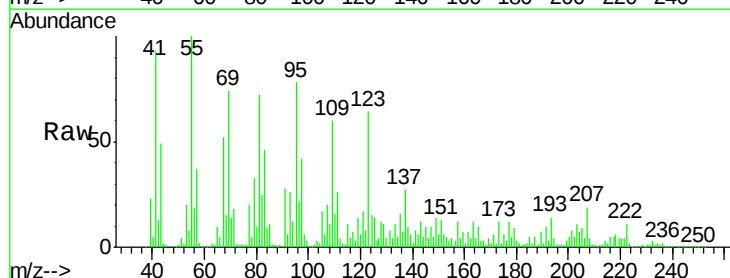
Tgt Ion:138 Resp: 173287

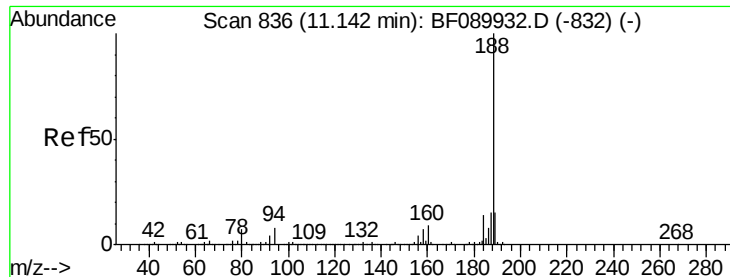
Ion Ratio Lower Upper

138 100

92 56.9 21.2 61.2

108 108.5 37.7 77.7#

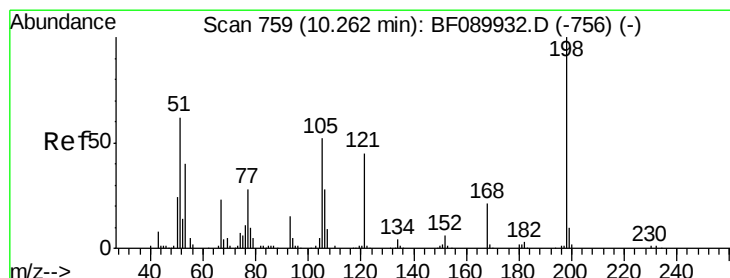
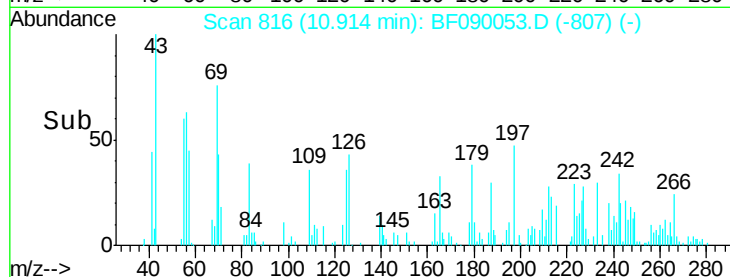
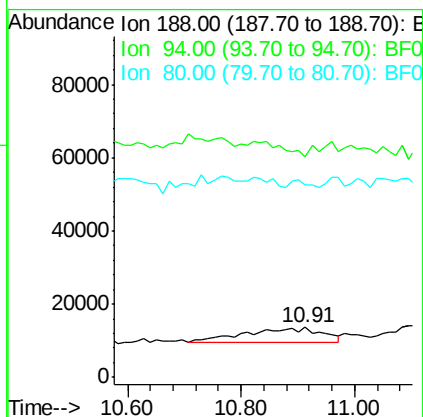
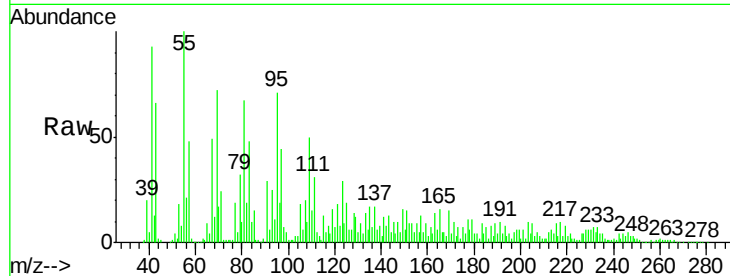




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.19 min
Lab File: BF090053.D
Acq: 9 Sep 2016 18:25

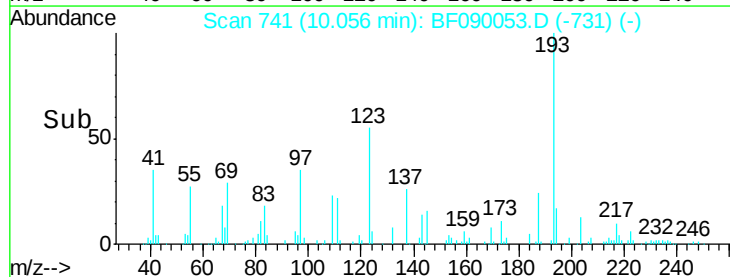
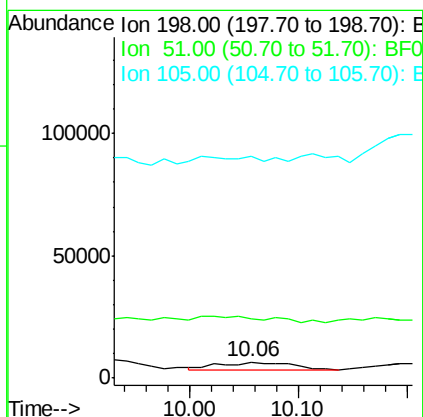
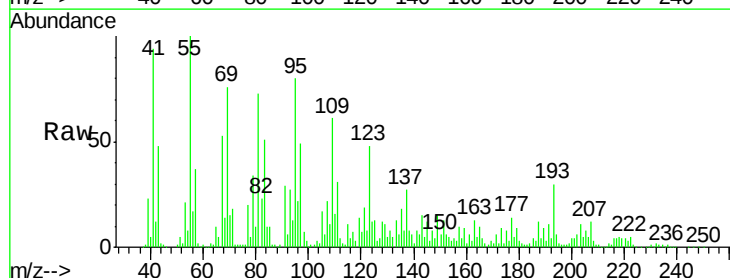
Instrument :
BNA_F
ClientSampleId :
SS-TRANSFORMER-POLE44228RE

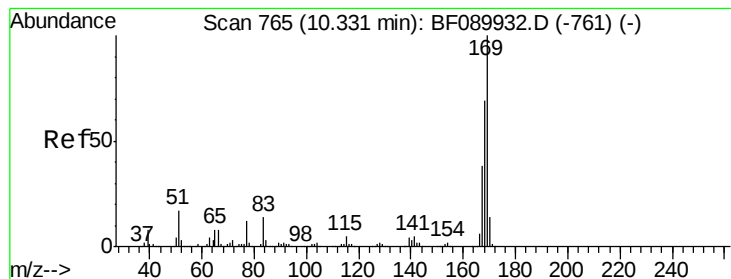
Tgt Ion:188 Resp: 36193
Ion Ratio Lower Upper
188 100
94 441.7 5.9 8.9#
80 385.4 5.8 8.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 66.95 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.18 min
Lab File: BF090053.D
Acq: 9 Sep 2016 18:25

Tgt Ion:198 Resp: 15514
Ion Ratio Lower Upper
198 100
51 377.2 43.0 83.0#
105 1403.3 30.3 70.3#





#65

n-Nitrosodiphenylamine

Concen: 15.69 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.14 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

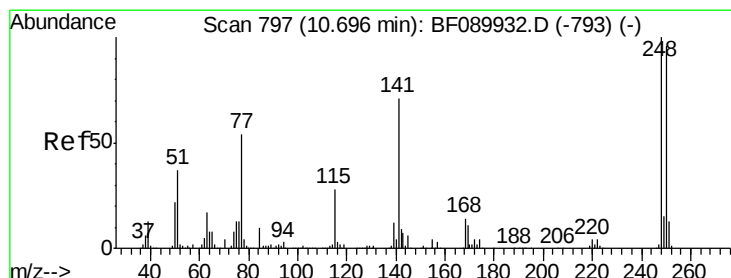
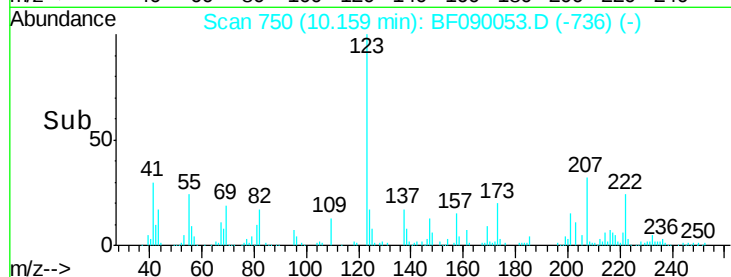
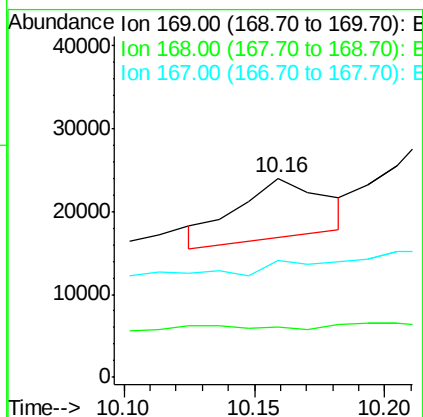
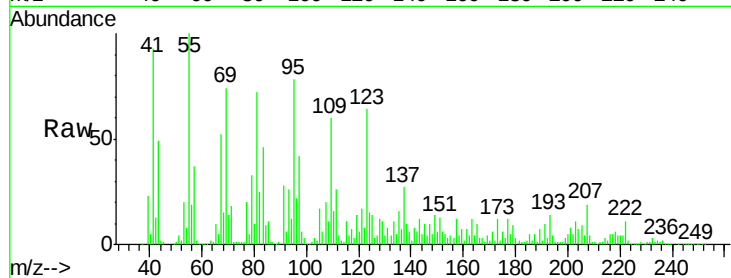
Tgt Ion:169 Resp: 17074

Ion Ratio Lower Upper

169 100

168 25.1 55.0 82.4#

167 58.9 30.5 45.7#



#66

4-Bromophenyl-phenylether

Concen: 245.20 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.08 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

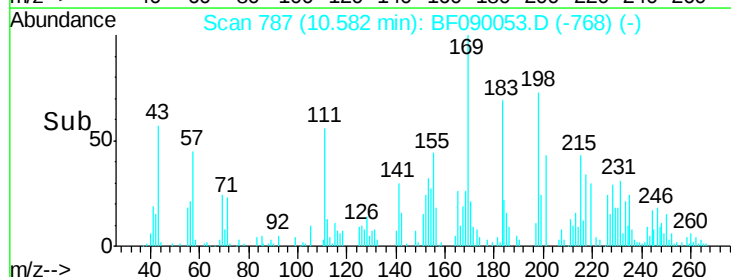
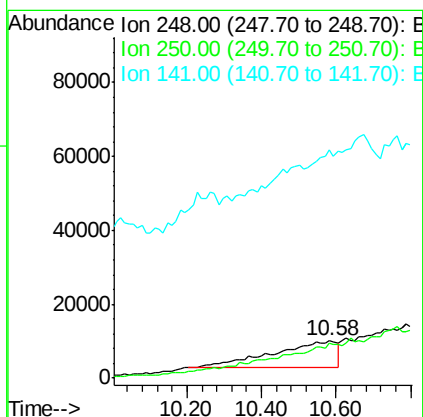
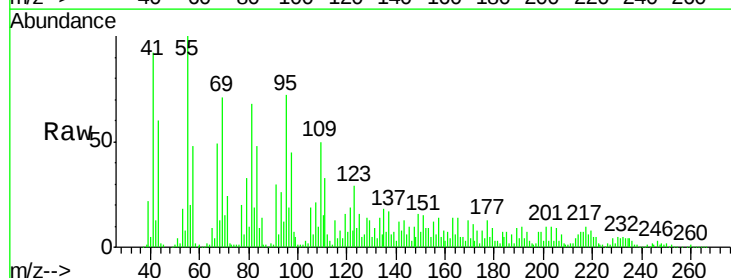
Tgt Ion:248 Resp: 89343

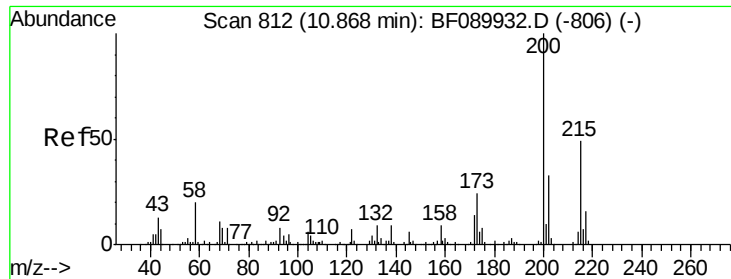
Ion Ratio Lower Upper

248 100

250 93.6 77.3 115.9

141 613.7 55.8 83.8#





#68

Atrazine

Concen: 17.96 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.16 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

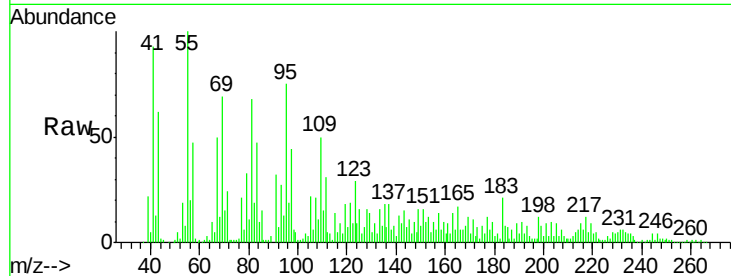
Tgt Ion:200 Resp: 6523

Ion Ratio Lower Upper

200 100

173 247.3 9.4 49.4#

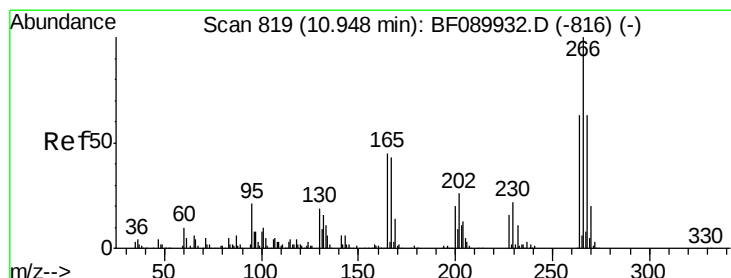
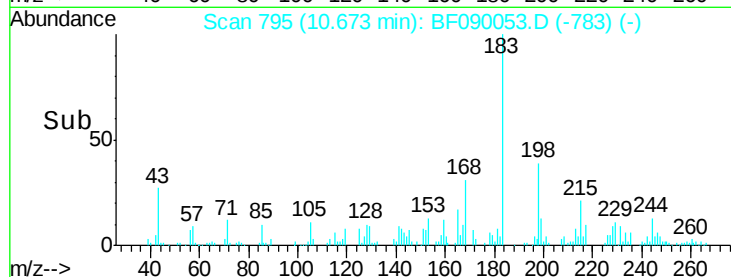
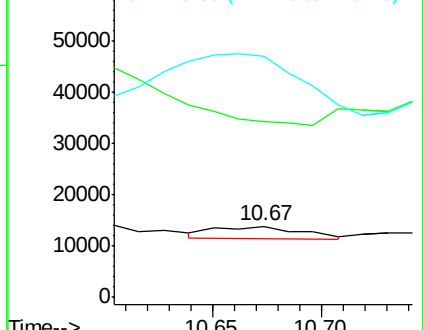
215 339.9 24.5 64.5#



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: 19.42 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.17 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

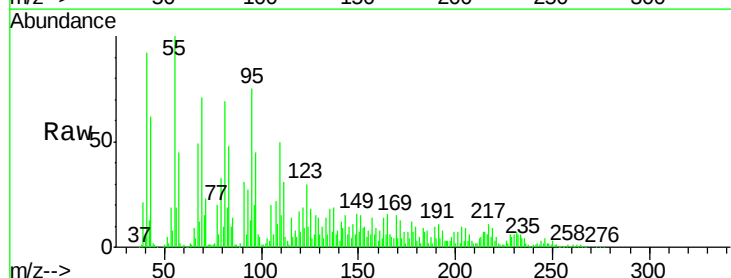
Tgt Ion:266 Resp: 4348

Ion Ratio Lower Upper

266 100

268 0.0 51.0 76.6#

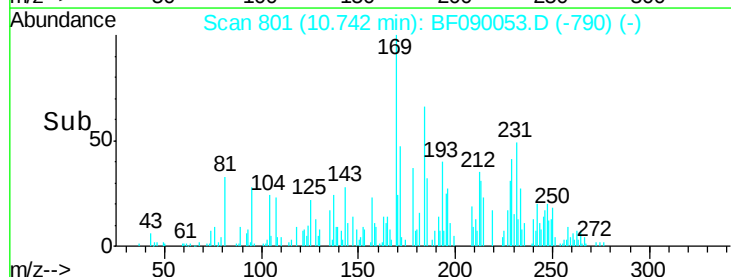
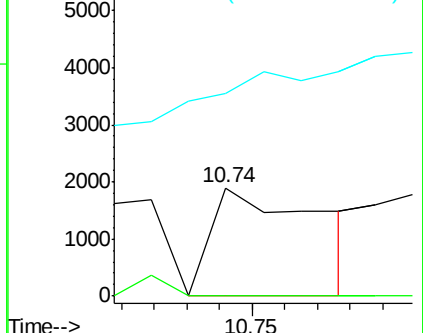
264 187.8 50.6 75.8#

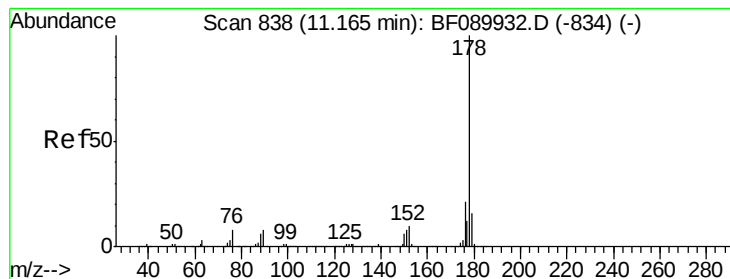


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 7.29 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.18 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

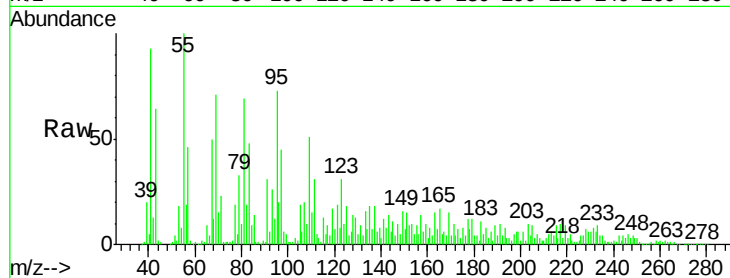
Tgt Ion:178 Resp: 13145

Ion Ratio Lower Upper

178 100

176 61.6 16.5 24.7#

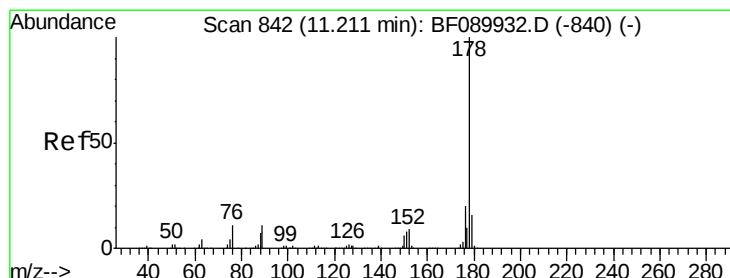
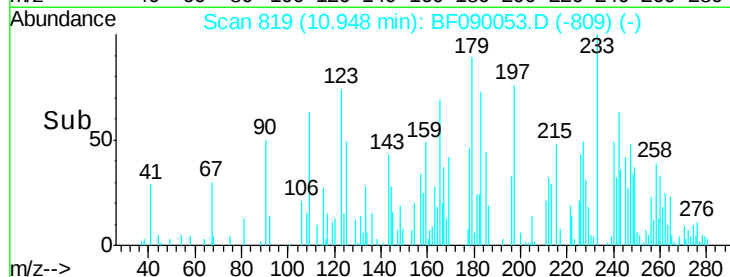
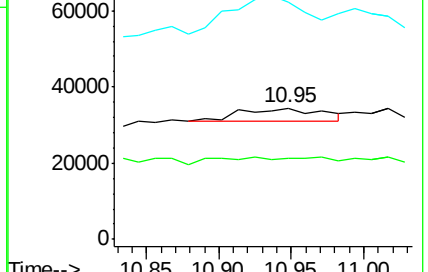
179 180.3 12.8 19.2#



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: 13.21 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.23 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

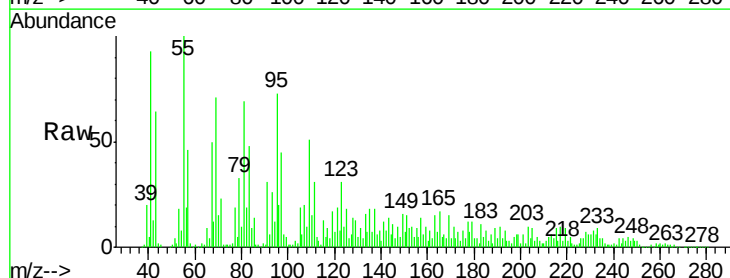
Tgt Ion:178 Resp: 24156

Ion Ratio Lower Upper

178 100

176 61.6 15.8 23.8#

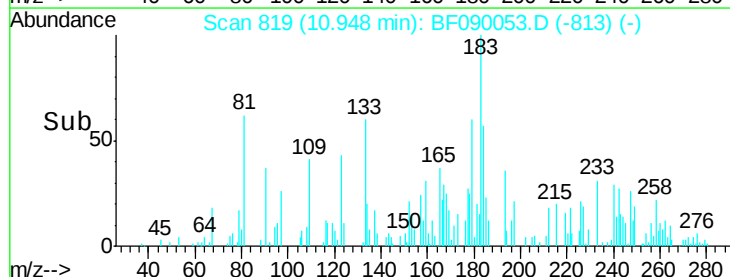
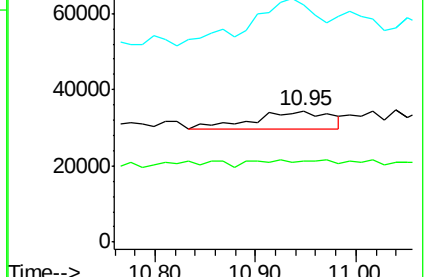
179 180.3 13.0 19.4#

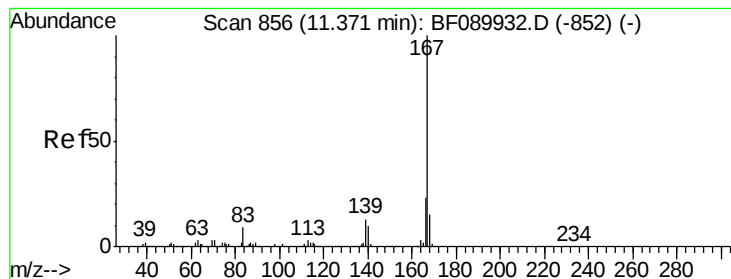


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.28 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.16 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

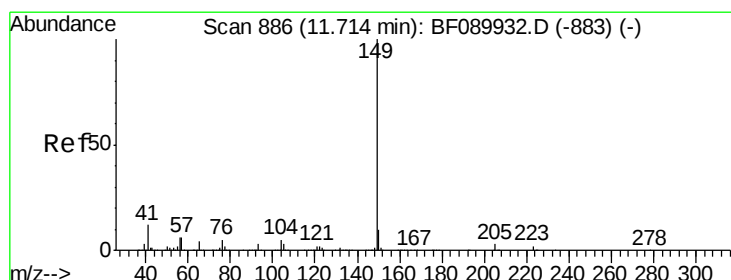
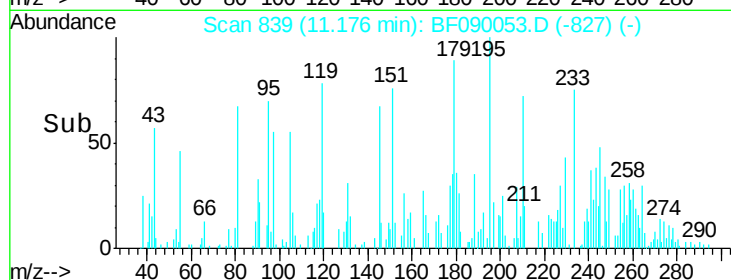
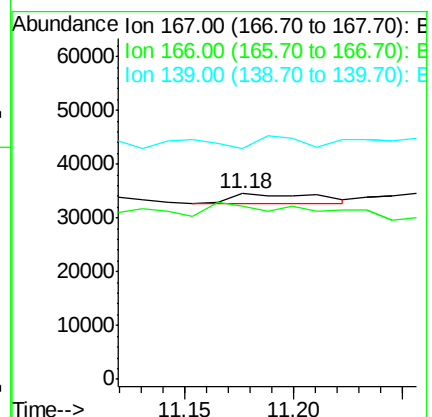
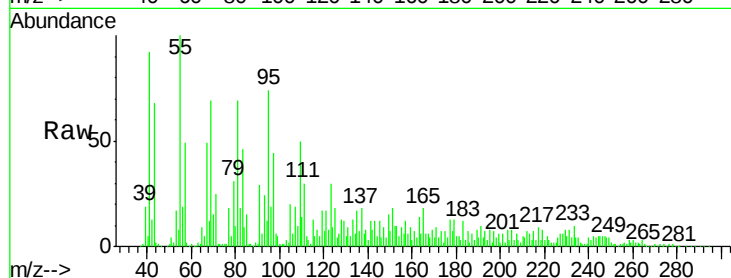
Tgt Ion:167 Resp: 5624

Ion Ratio Lower Upper

167 100

166 93.5 18.1 27.1#

139 124.3 10.4 15.6#



#73

Di-n-butylphthalate

Concen: 2.76 ng

RT: 11.55 min Scan# 872

Delta R.T. -0.14 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

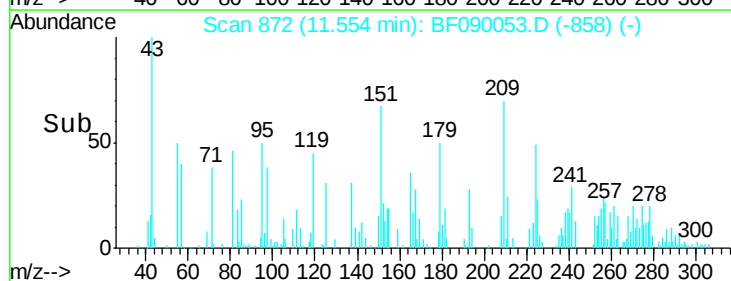
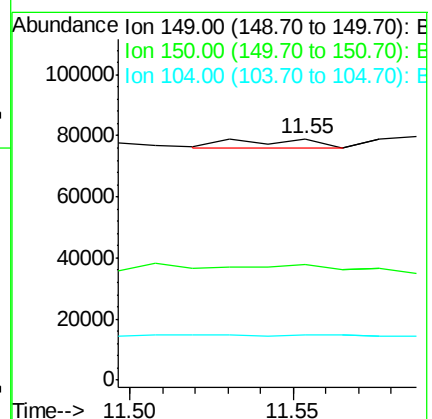
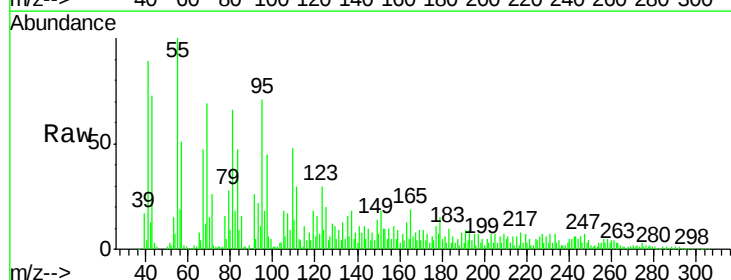
Tgt Ion:149 Resp: 5513

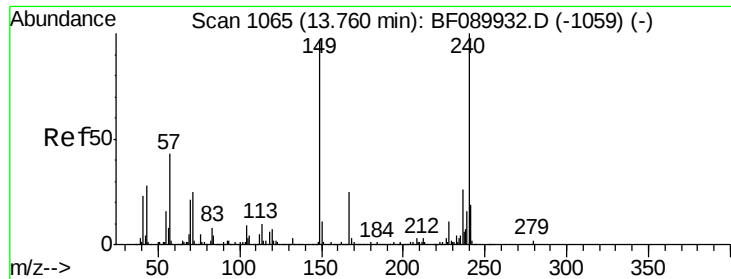
Ion Ratio Lower Upper

149 100

150 48.1 7.8 11.8#

104 18.7 3.9 5.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. -0.23 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

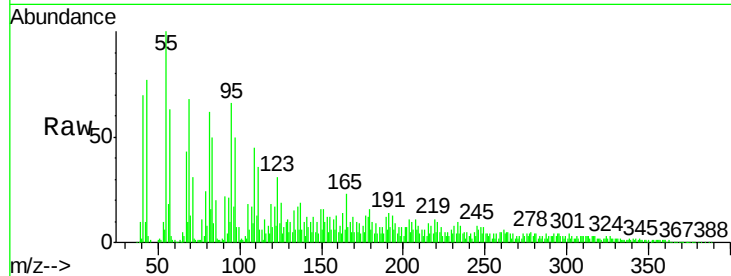
Tgt Ion:240 Resp: 2460

Ion Ratio Lower Upper

240 100

120 265.6 5.7 8.5#

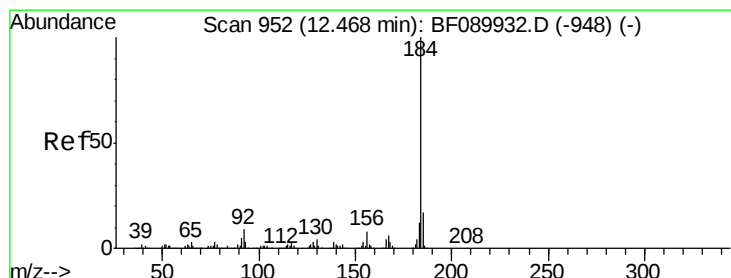
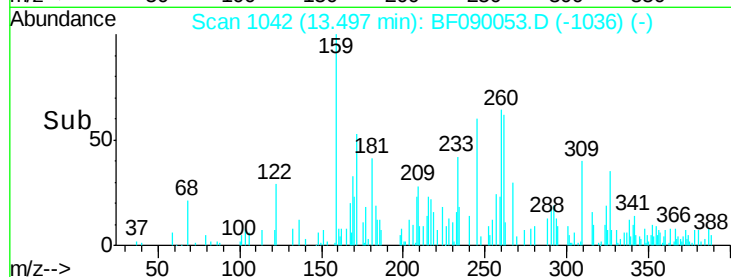
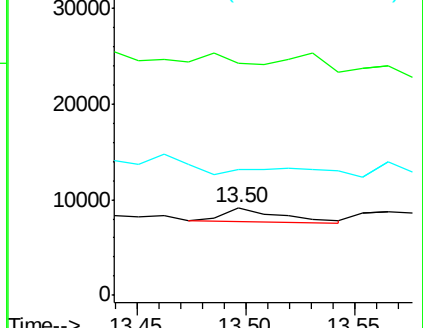
236 143.8 21.3 31.9#



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



#76

Benzidine

Concen: 148.65 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.18 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

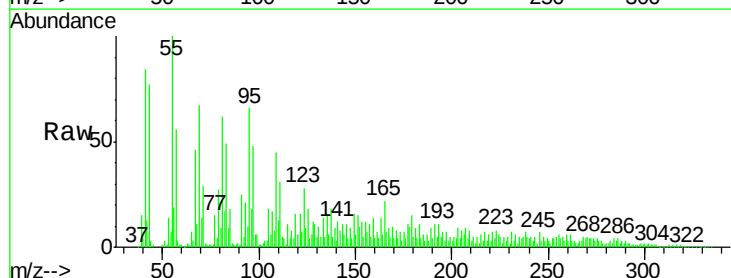
Tgt Ion:184 Resp: 13853

Ion Ratio Lower Upper

184 100

185 158.6 13.8 20.8#

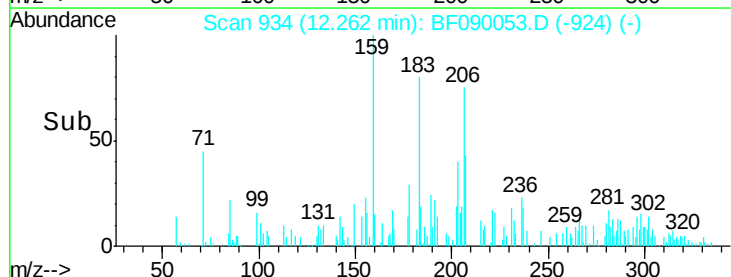
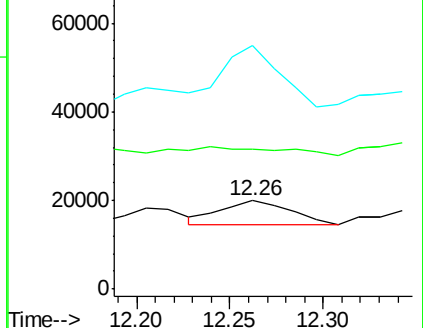
183 275.0 9.6 14.4#

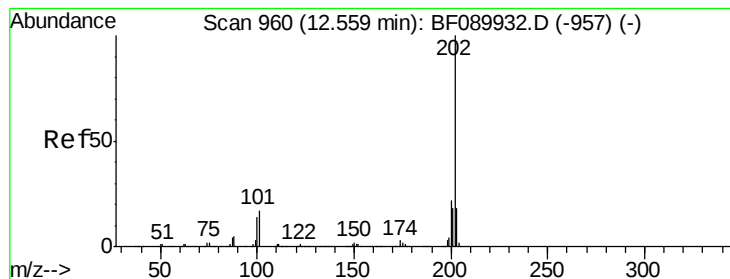


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 134.21 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.23 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

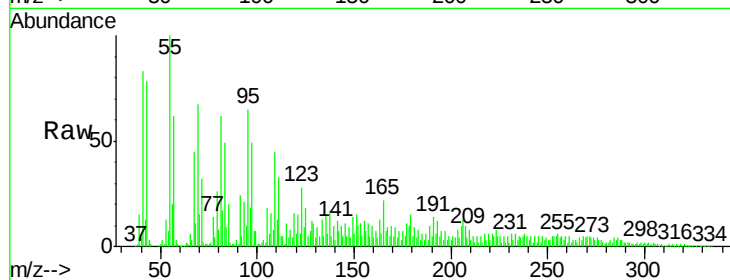
Tgt Ion:202 Resp: 23279

Ion Ratio Lower Upper

202 100

200 61.4 17.6 26.4#

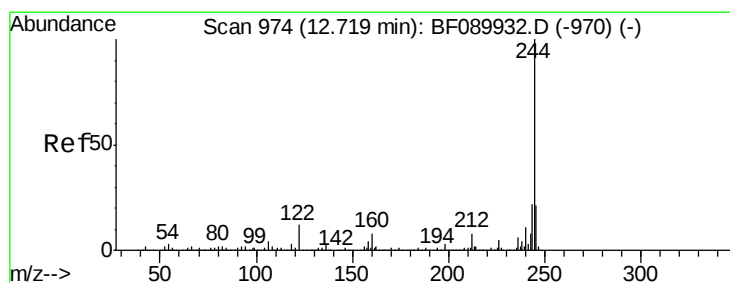
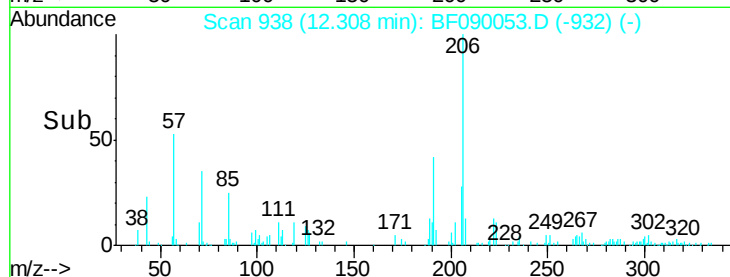
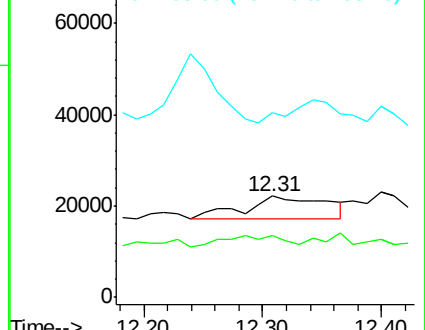
203 183.4 14.6 21.8#



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: 14.21 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.31 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

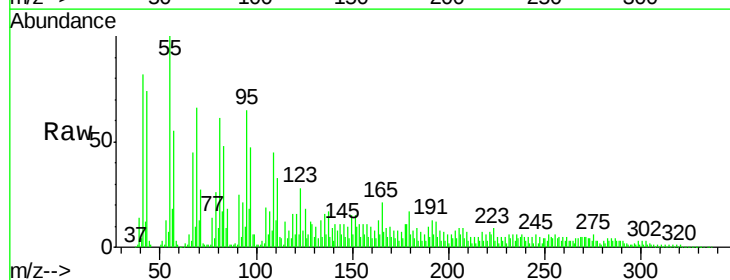
Tgt Ion:244 Resp: 1415

Ion Ratio Lower Upper

244 100

212 81.5 6.1 9.1#

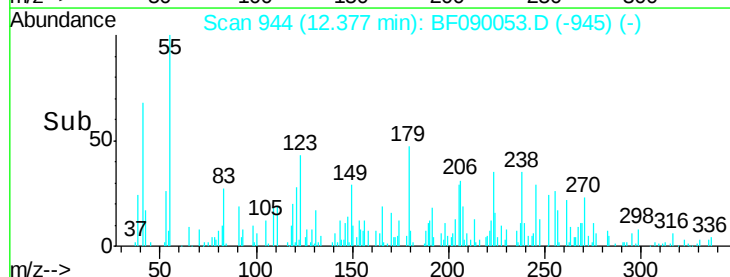
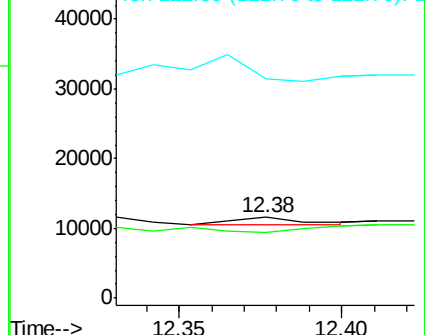
122 270.8 9.6 14.4#

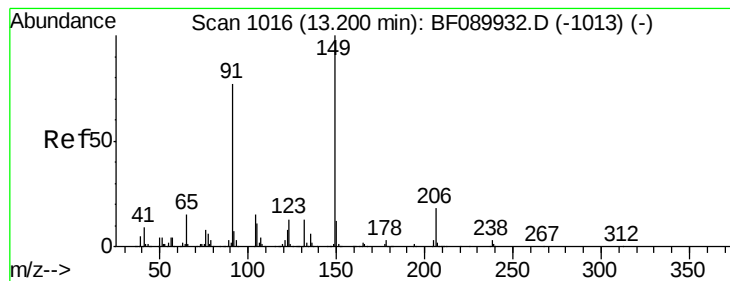


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 795.24 ng

RT: 13.01 min Scan# 999

Delta R.T. -0.16 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

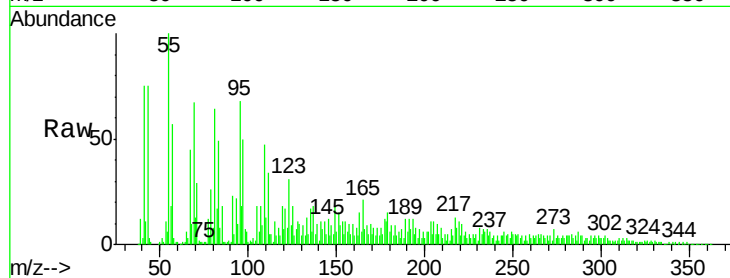
Tgt Ion:149 Resp: 55625

Ion Ratio Lower Upper

149 100

91 127.6 60.0 90.0#

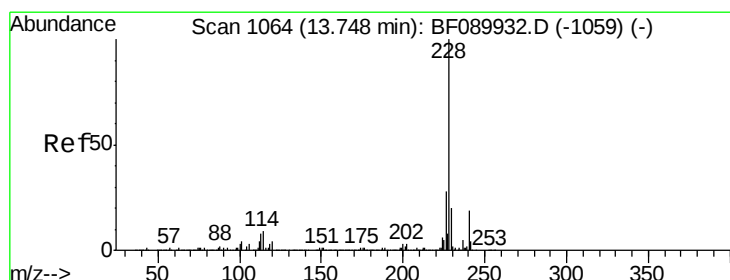
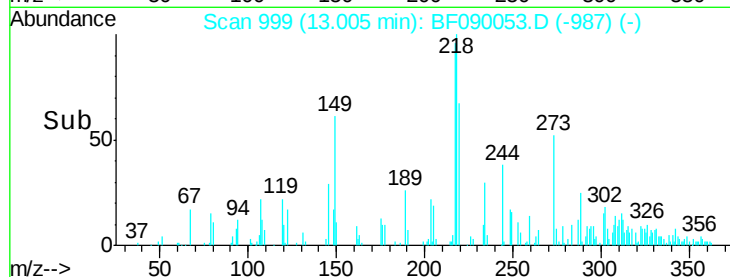
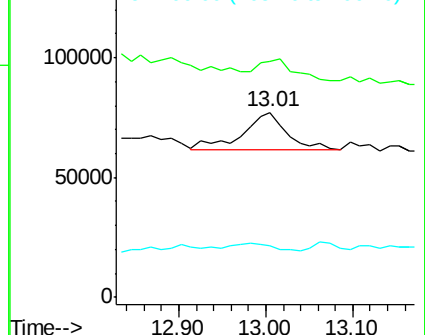
206 27.8 15.1 22.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 17.74 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.21 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

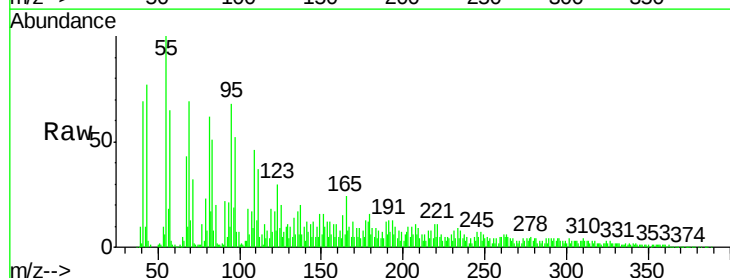
Tgt Ion:228 Resp: 2673

Ion Ratio Lower Upper

228 100

226 81.5 22.2 33.2#

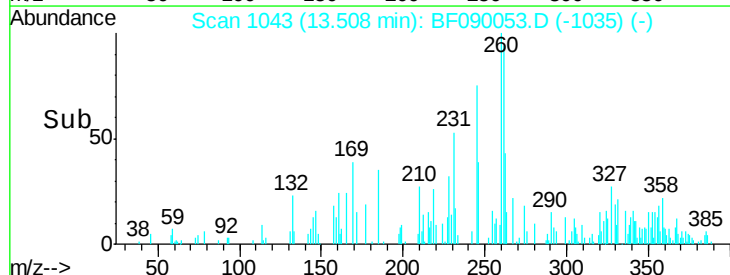
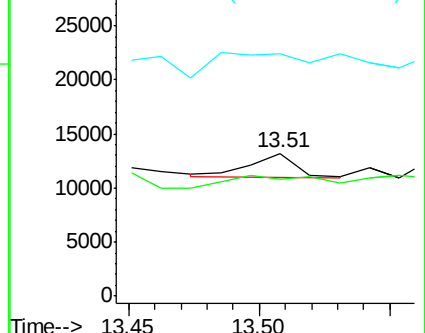
229 169.7 15.8 23.6#

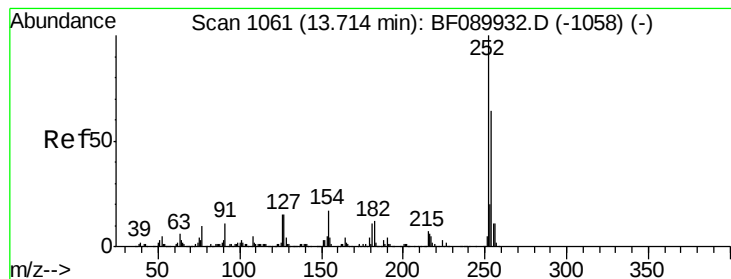


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

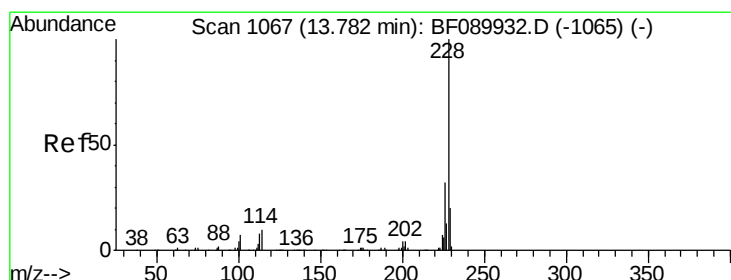
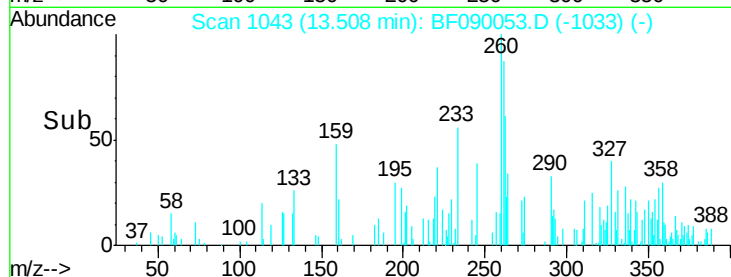
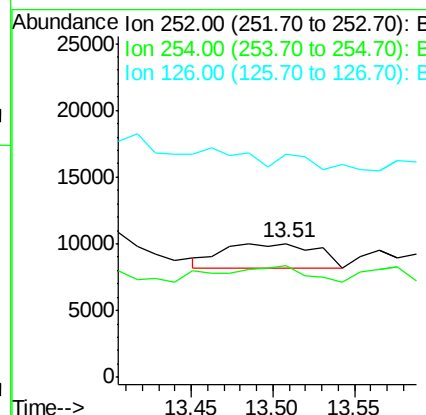
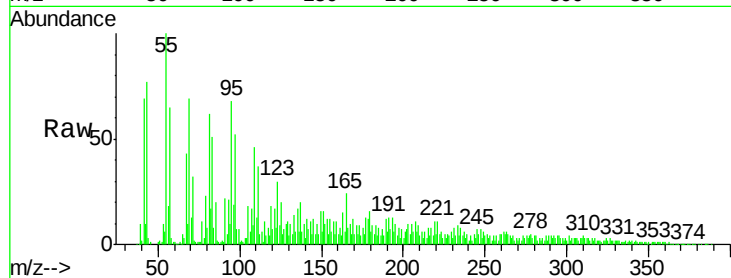




#81
 3,3'-Dichlorobenzidine
 Concen: 130.53 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. -0.18 min
 Lab File: BF090053.D
 Acq: 9 Sep 2016 18:25

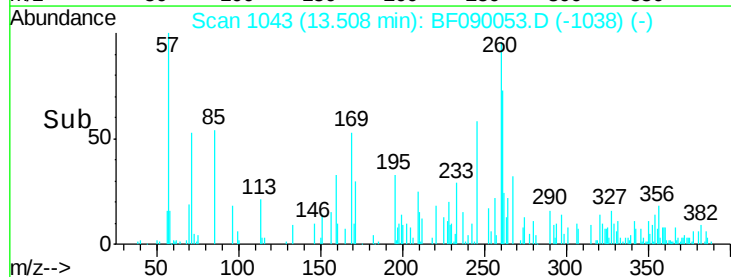
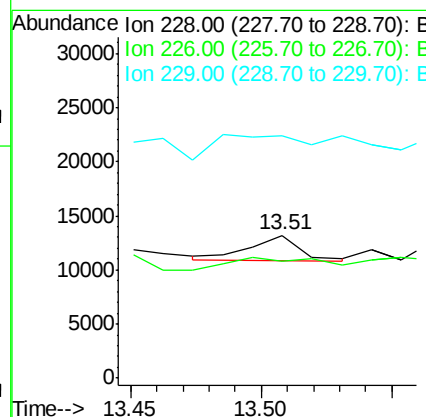
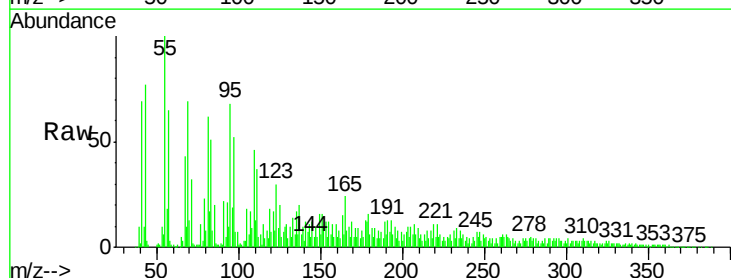
Instrument :
 BNA_F
 ClientSampleId :
 SS-TRANSFORMER-POLE44228RE

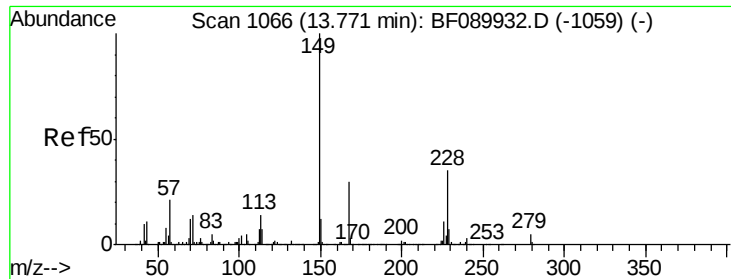
Tgt Ion: 252 Resp: 7099
 Ion Ratio Lower Upper
 252 100
 254 83.3 51.3 76.9#
 126 166.6 12.3 18.5#



#82
 Chrysene
 Concen: 22.06 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. -0.24 min
 Lab File: BF090053.D
 Acq: 9 Sep 2016 18:25

Tgt Ion: 228 Resp: 3105
 Ion Ratio Lower Upper
 228 100
 226 81.5 25.2 37.8#
 229 169.7 16.2 24.2#





#83

Bis(2-ethylhexyl)phthalate

Concen: 97.94 ng

RT: 13.53 min Scan# 1045

Delta R.T. -0.21 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

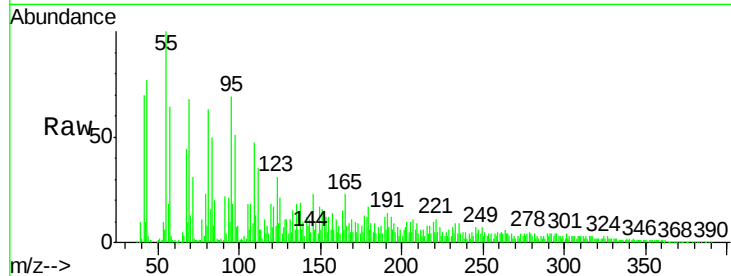
Tgt Ion:149 Resp: 9475

Ion Ratio Lower Upper

149 100

167 56.6 23.6 35.4#

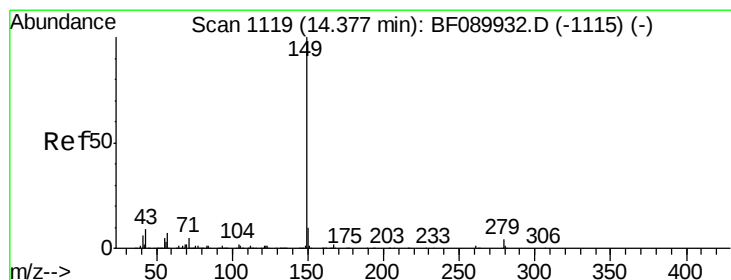
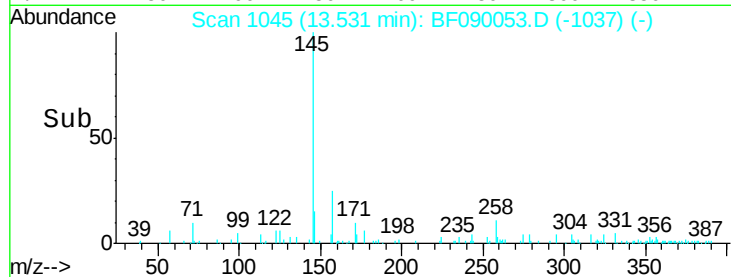
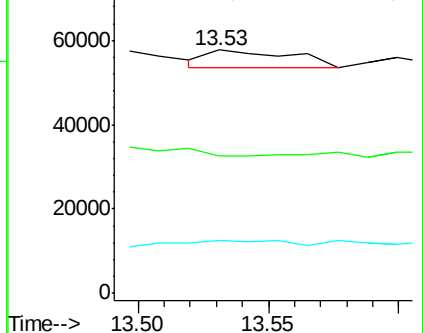
279 21.7 3.4 5.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 67.88 ng

RT: 14.09 min Scan# 1094

Delta R.T. -0.25 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

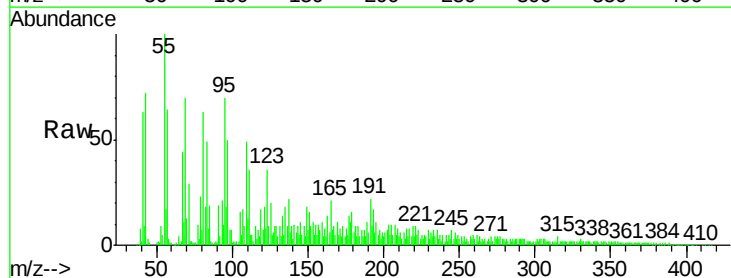
Tgt Ion:149 Resp: 10600

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

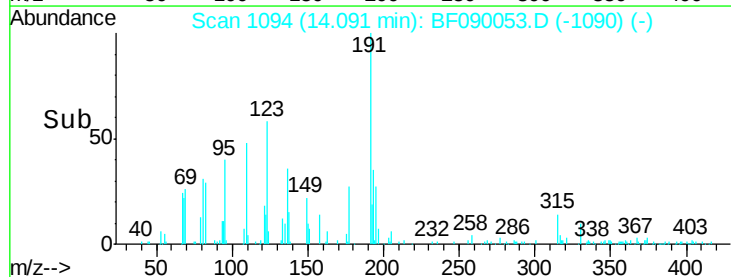
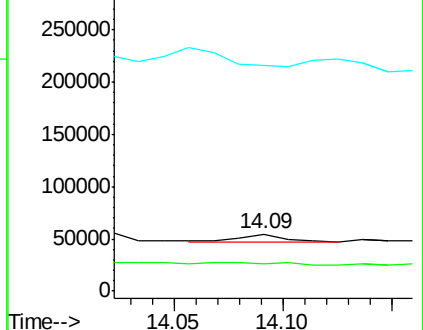
43 0.0 9.3 13.9#

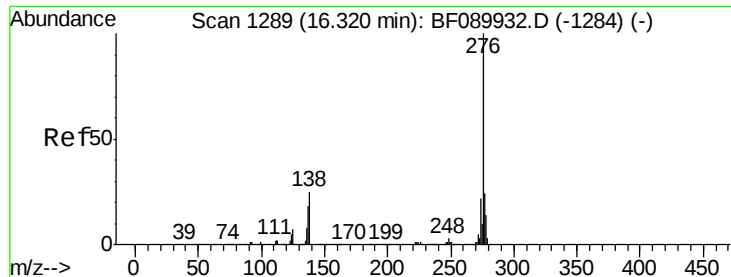


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.82 ng

RT: 15.98 min Scan# 1259

Delta R.T. -0.30 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SS-TRANSFORMER-POLE44228RE

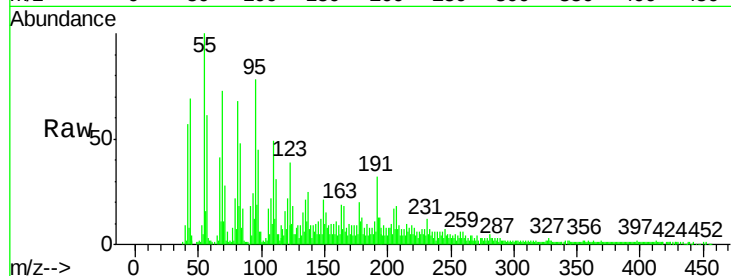
Tgt Ion: 276 Resp: 502

Ion Ratio Lower Upper

276 100

138 342.8 22.6 34.0#

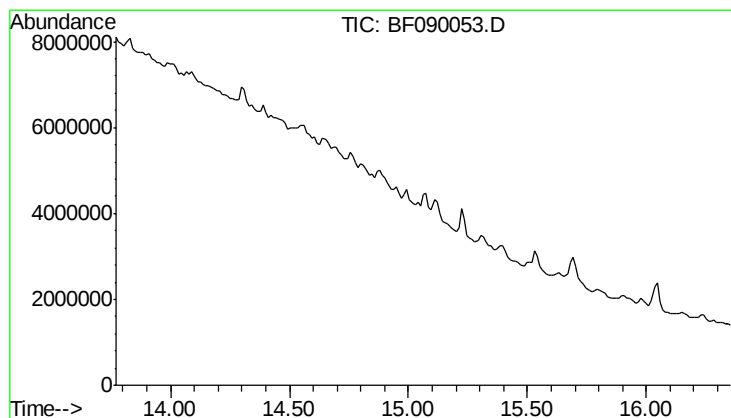
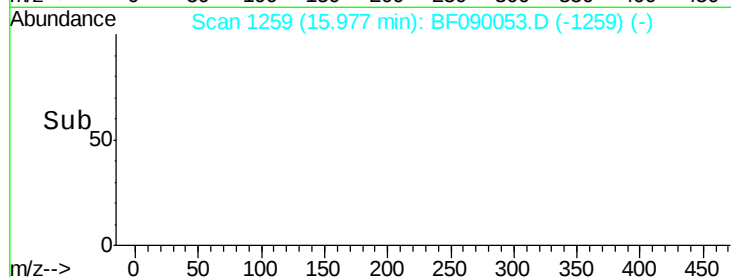
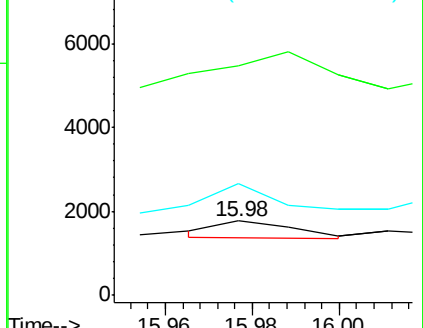
277 231.1 20.1 30.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 15.06 min

Lab File: BF090053.D

Acq: 9 Sep 2016 18:25

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.2

265 21.8

