

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087749.D
 Acq On : 6 Jun 2016 13:44
 Operator : UM/SJ
 Sample : H3290-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

Quant Time: Jun 06 16:02:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	147344	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	632584	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	254494	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	426815	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	297364	20.00	ng	-0.01
86) Perylene-d12	15.44	264	265286	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	821355	90.10	ng	0.00
7) Phenol-d6	6.49	99	1220448	106.75	ng	0.00
23) Nitrobenzene-d5	7.42	82	679836	62.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	212735	83.27	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1189930	67.21	ng	-0.02
78) Terphenyl-d14	12.96	244	782420	64.20	ng	-0.01

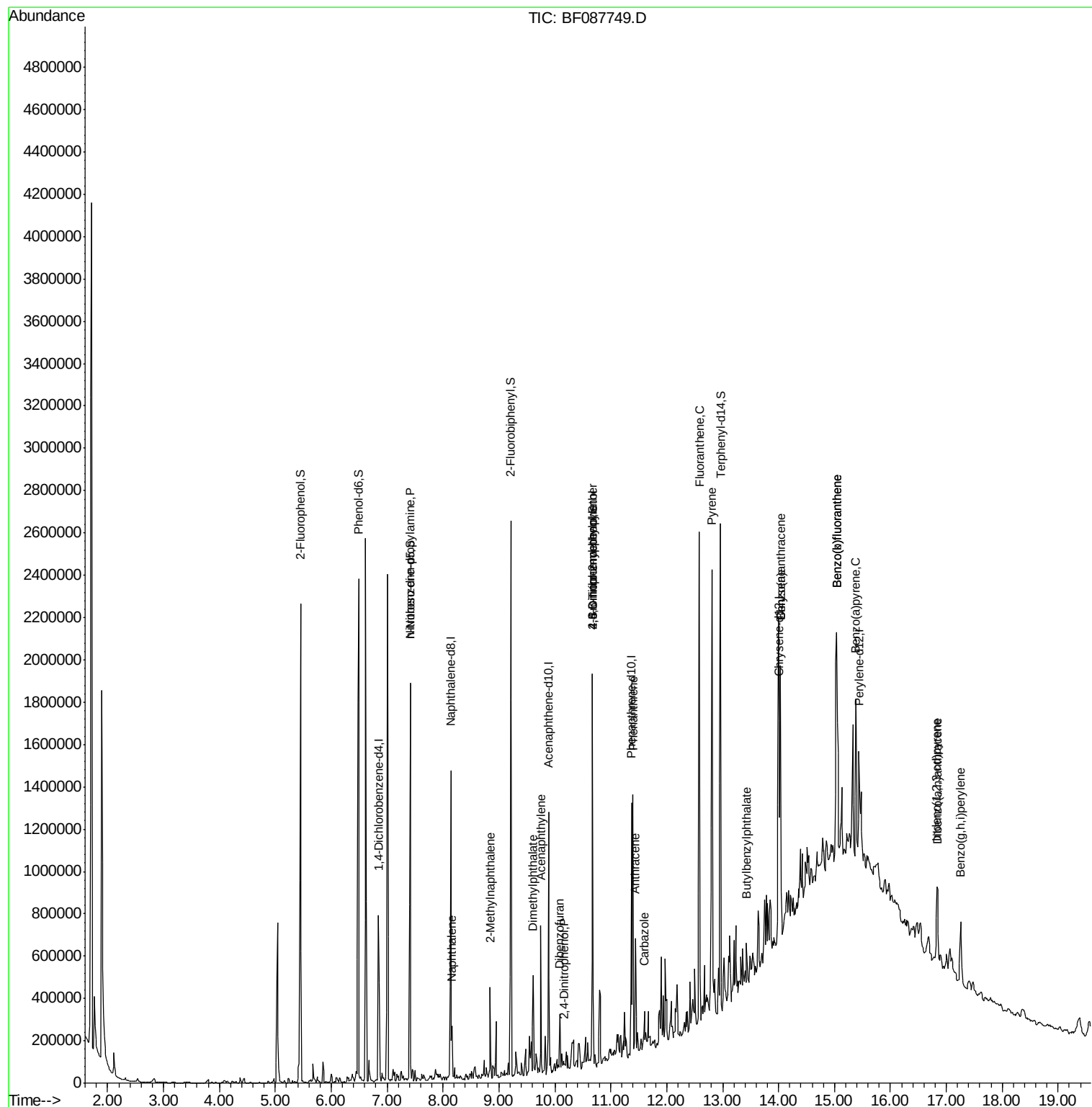
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	95720	13.41	ng	# 74
31) Naphthalene	8.16	128	126433	4.11	ng	98
37) 2-Methylnaphthalene	8.84	142	100280	4.94	ng	96
48) Acenaphthylene	9.75	152	260256	10.15	ng	100
49) Dimethylphthalate	9.61	163	192865	10.42	ng	99
53) 2,4-Dinitrophenol	10.17	184	684	4.22	ng	# 54
54) Dibenzofuran	10.09	168	63612	2.83	ng	# 93
60) 4-Chlorophenyl-phenylether	10.25	204	230	Below Cal		# 1
64) 4,6-Dinitro-2-methylphenol	10.67	198	517	2.22	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	13133	3.10	ng	# 1
70) Phenanthrene	11.39	178	420614	18.18	ng	99
71) Anthracene	11.44	178	228970	9.87	ng	99
72) Carbazole	11.60	167	73300	3.34	ng	98
74) Fluoranthene	12.58	202	925631	40.65	ng	98
77) Pyrene	12.81	202	901056	42.55	ng	99
79) Butylbenzylphthalate	13.43	149	52020	5.77	ng	# 70
80) Benzo(a)anthracene	14.03	228	528552	30.80	ng	94
82) Chrysene	14.03	228	528797	30.96	ng	97
85) Indeno(1,2,3-cd)pyrene	16.83	276	281909	19.97	ng	# 100
87) Benzo(b)fluoranthene	15.04	252	960903	55.68	ng	# 94
88) Benzo(k)fluoranthene	15.04	252	960903	66.92	ng	100
89) Benzo(a)pyrene	15.38	252	378773	26.11	ng	98
90) Dibenzo(a,h)anthracene	16.85	278	63709	5.16	ng	# 90
91) Benzo(g,h,i)perylene	17.26	276	255179	20.49	ng	99

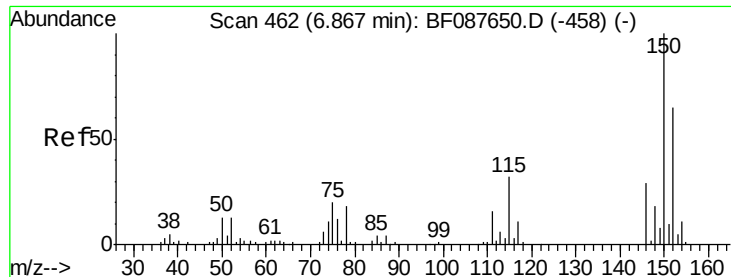
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

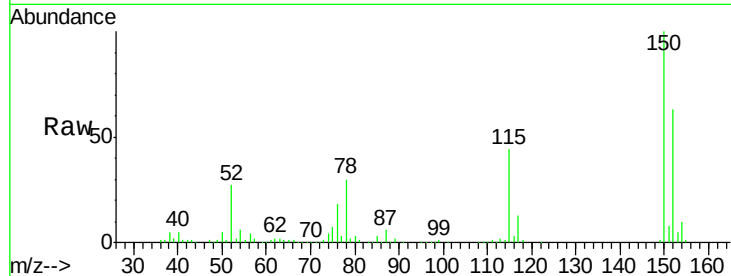
Tgt Ion:152 Resp: 147344

Ion Ratio Lower Upper

152 100

150 159.2 123.8 185.6

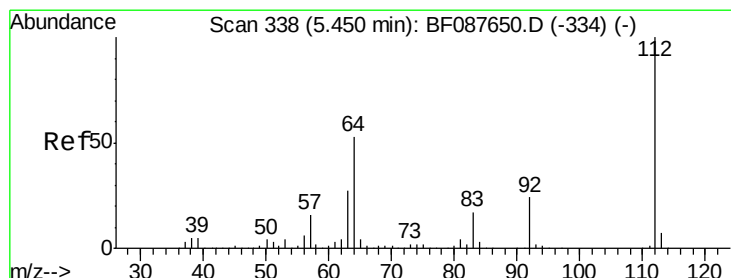
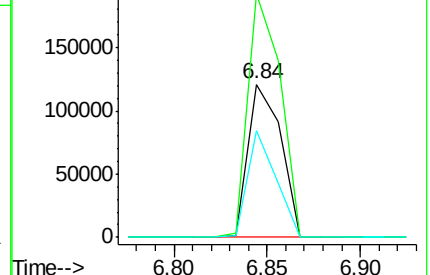
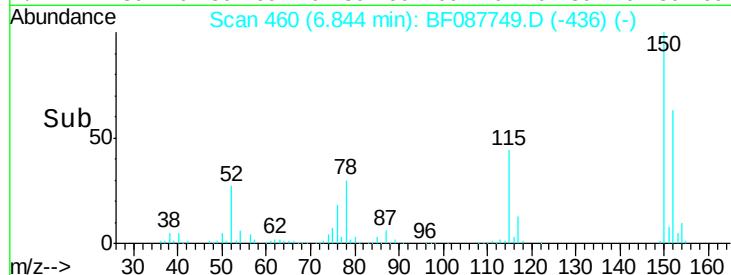
115 69.8 39.6 59.4#



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: 90.10 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

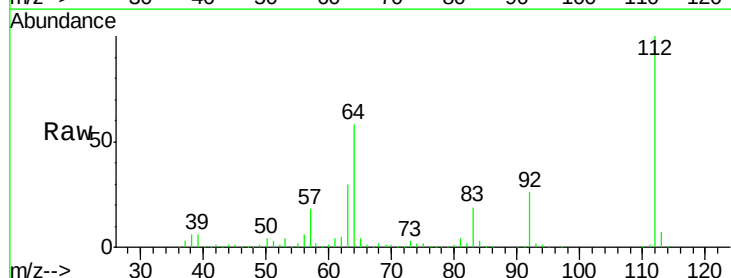
Tgt Ion:112 Resp: 821355

Ion Ratio Lower Upper

112 100

64 57.6 42.2 63.2

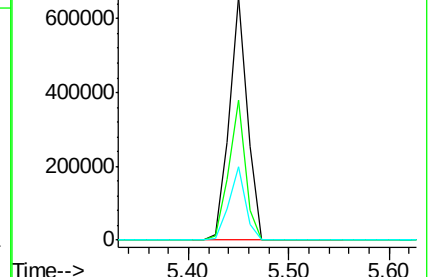
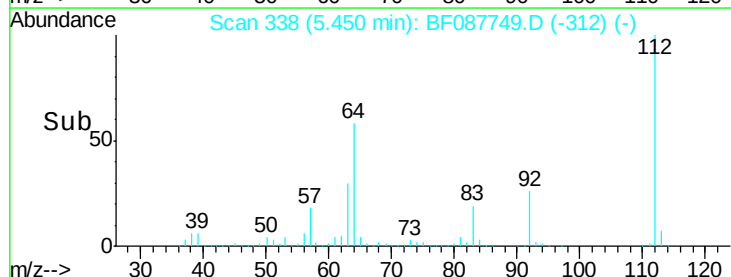
63 30.2 21.8 32.8

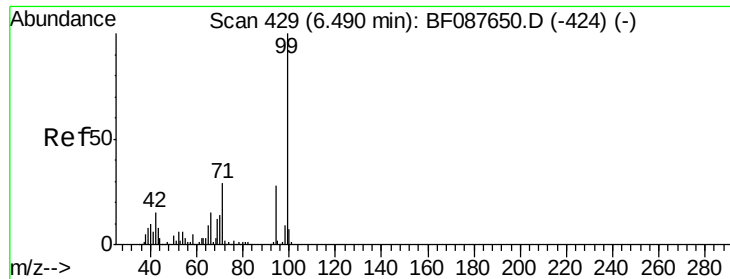


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.75 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

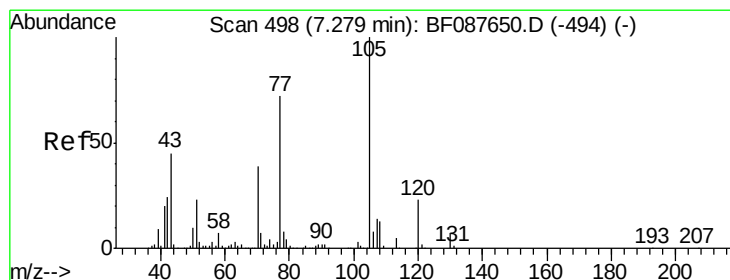
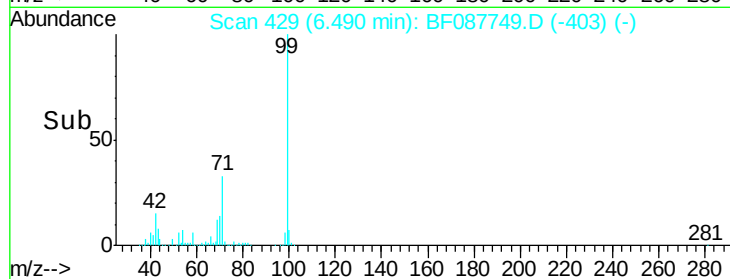
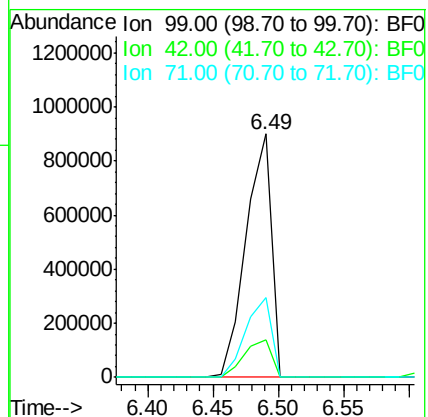
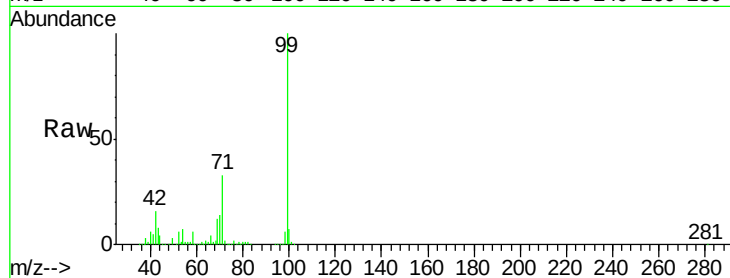
Tgt Ion: 99 Resp: 1220448

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

71 32.8 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.41 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.14 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Tgt Ion: 70 Resp: 95720

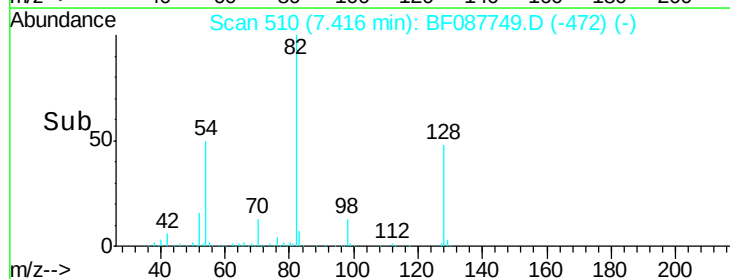
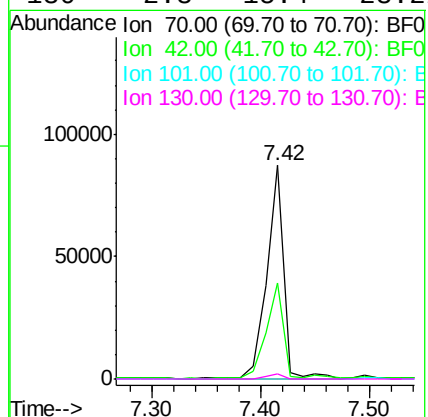
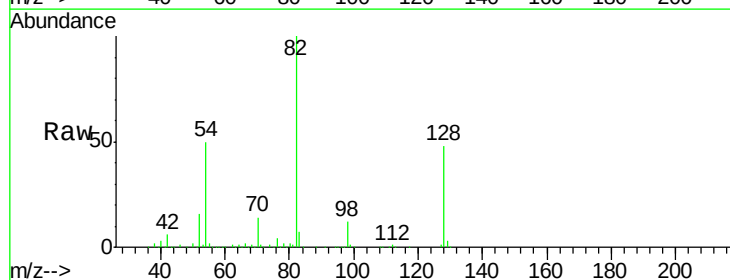
Ion Ratio Lower Upper

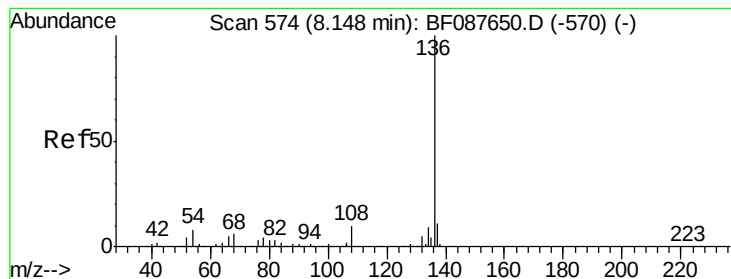
70 100

42 44.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

Tgt Ion:136 Resp: 632584

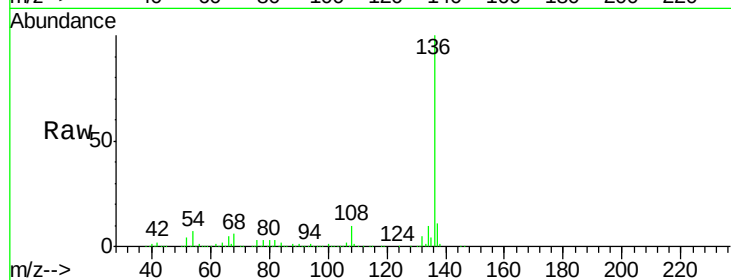
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 7.1 6.6 10.0

68 5.8 5.1 7.7

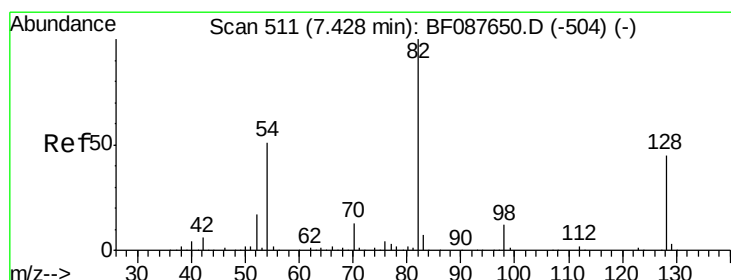
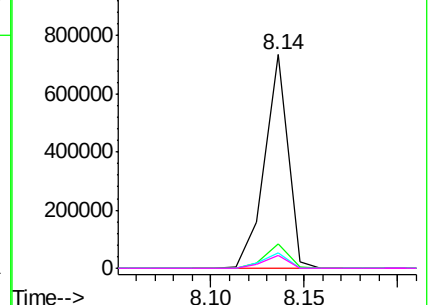
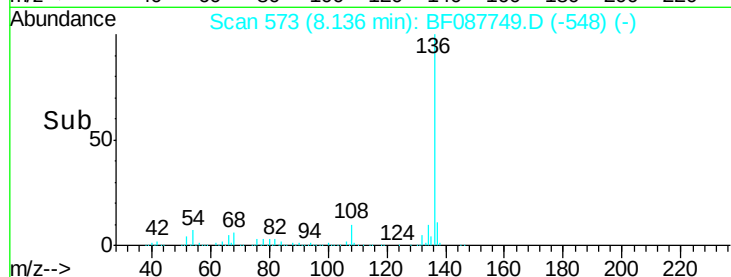


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.18 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

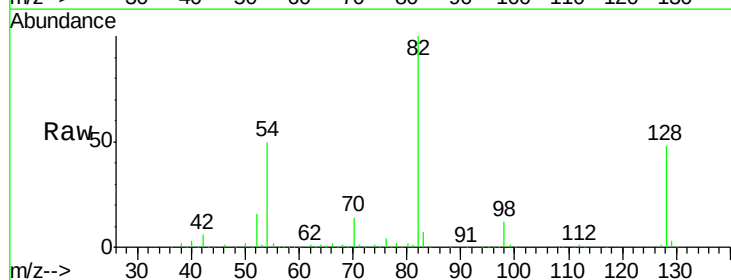
Tgt Ion: 82 Resp: 679836

Ion Ratio Lower Upper

82 100

128 48.1 35.9 53.9

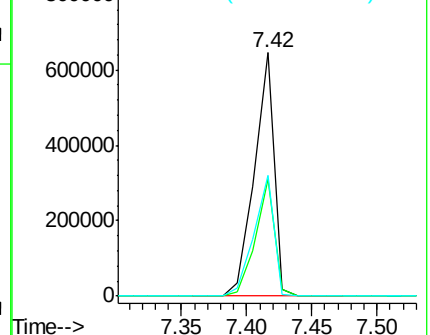
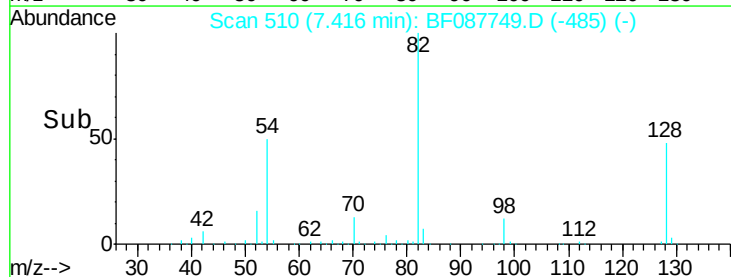
54 49.5 40.9 61.3

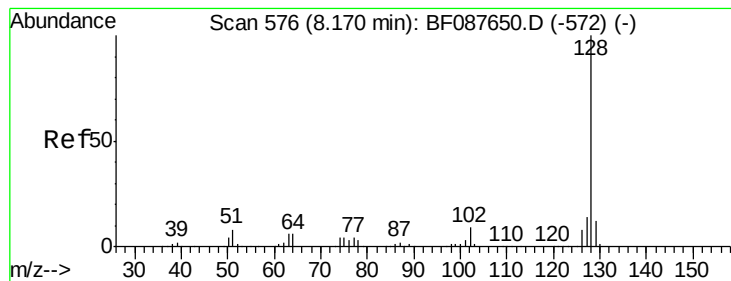


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 4.11 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

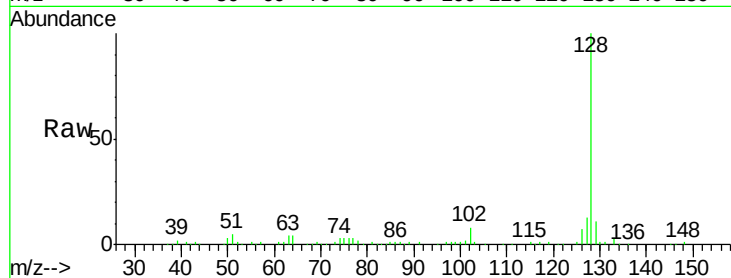
Tgt Ion:128 Resp: 126433

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.2

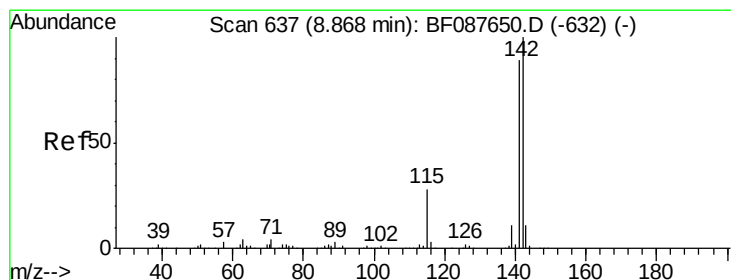
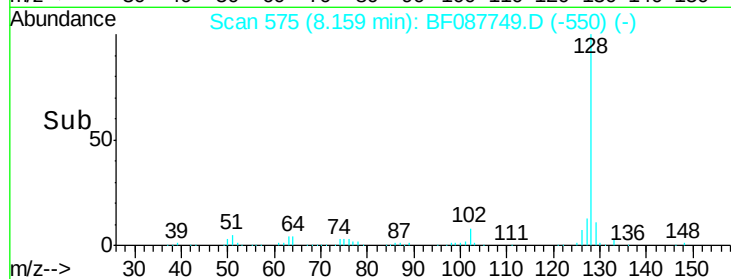
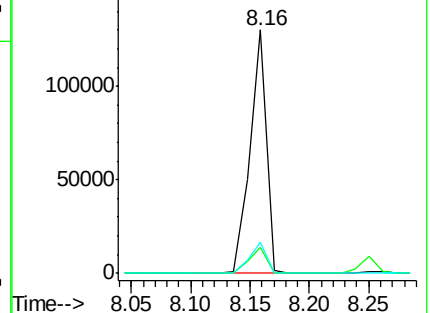
127 12.7 10.9 16.3



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



#37

2-Methylnaphthalene

Concen: 4.94 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

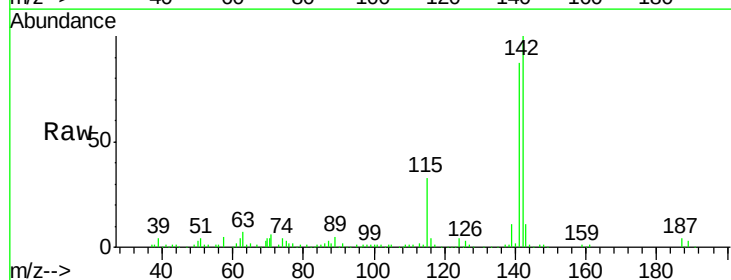
Tgt Ion:142 Resp: 100280

Ion Ratio Lower Upper

142 100

141 86.6 71.0 106.6

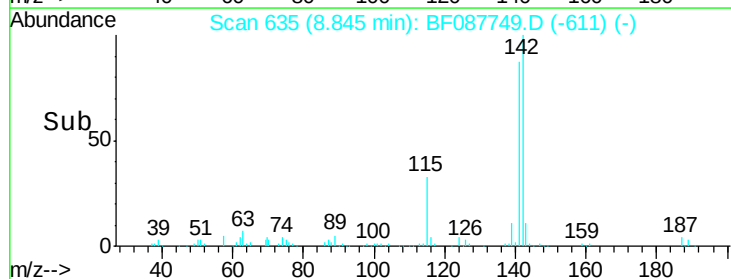
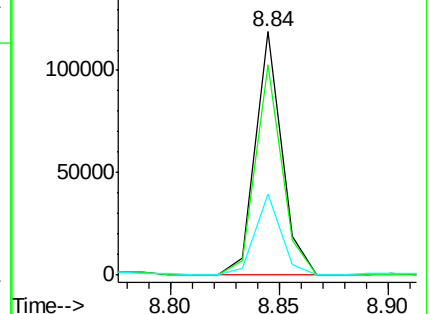
115 33.2 22.6 33.8

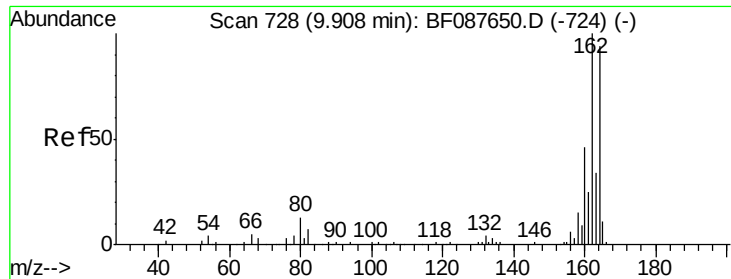


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Instrument :

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ClientSampleId :

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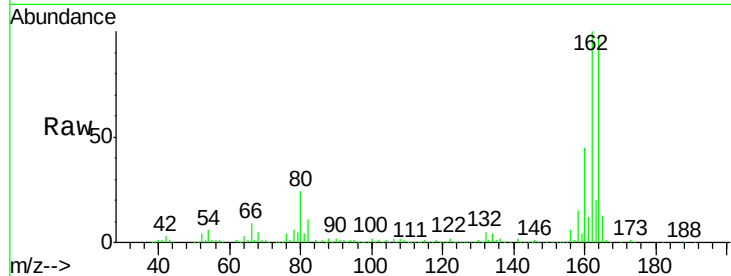
Tgt Ion:164 Resp: 254494

Ion Ratio Lower Upper

164 100

162 102.3 85.4 128.2

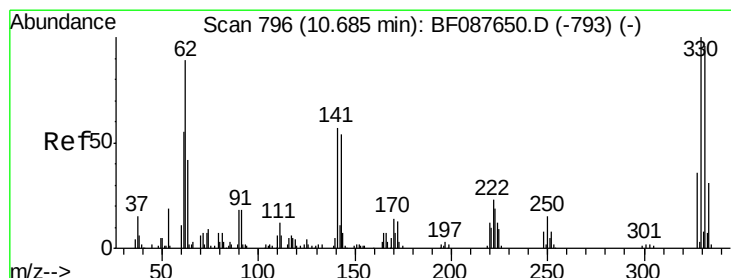
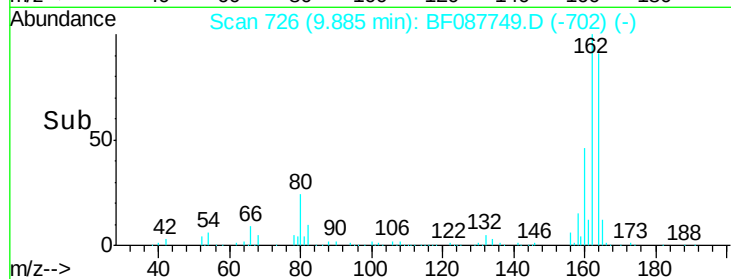
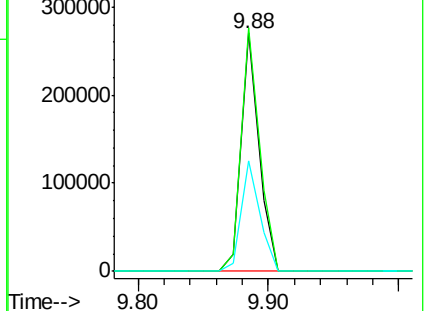
160 46.5 39.5 59.3



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: 83.27 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

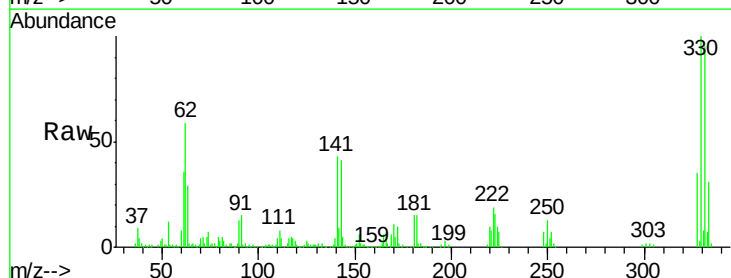
Tgt Ion:330 Resp: 212735

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

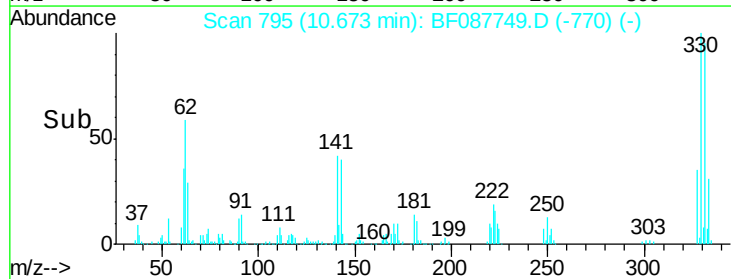
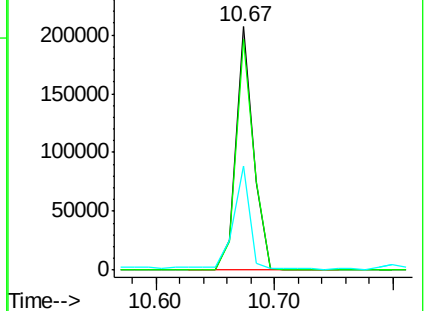
141 41.0 0.0 0.0#

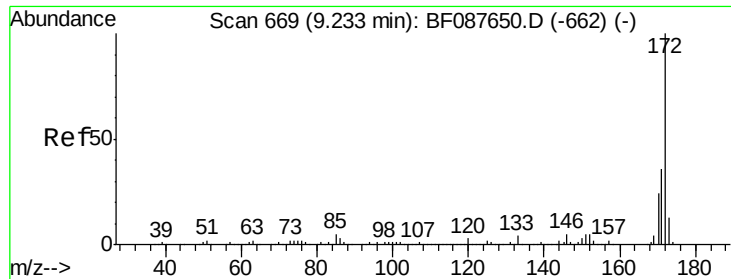


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

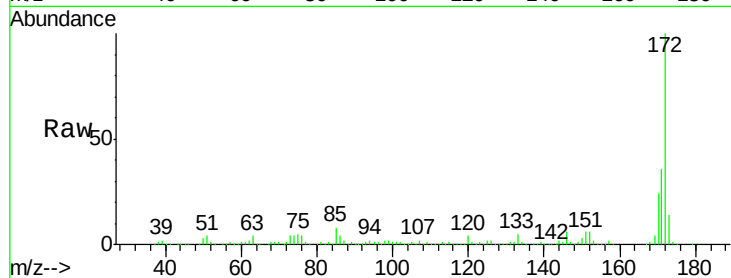




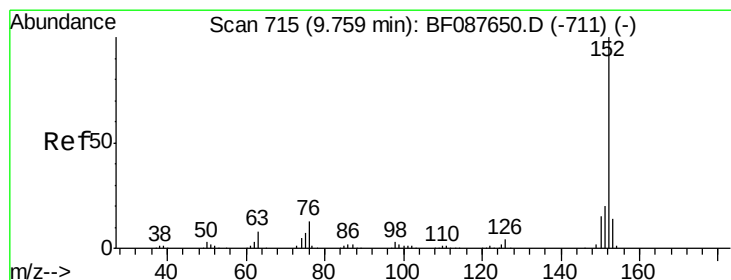
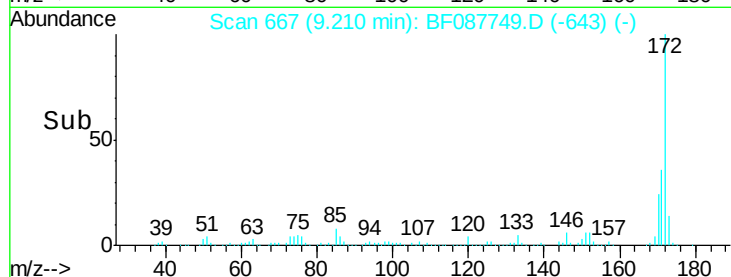
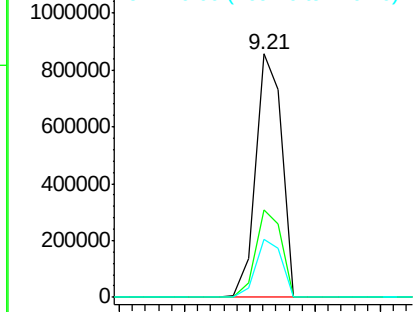
#44
2-Fluorobiphenyl
Concen: 67.21 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Instrument :
BNA_F
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Tgt Ion:172 Resp: 1189930
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.8 19.2 28.8

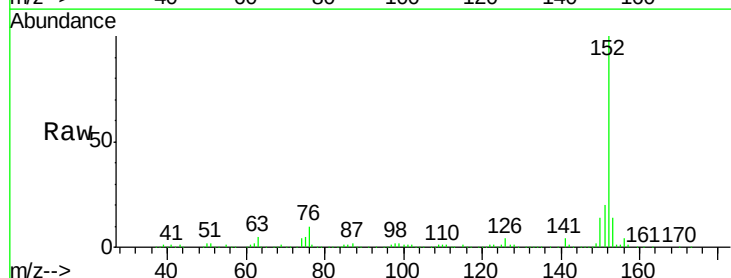


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

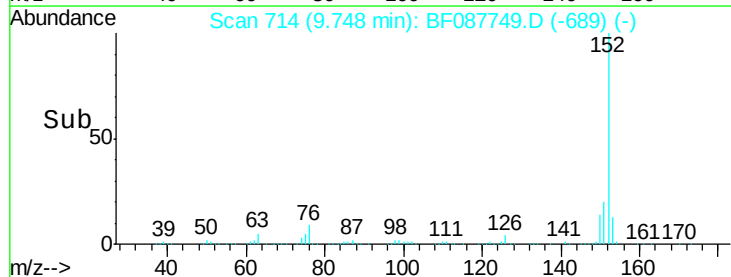
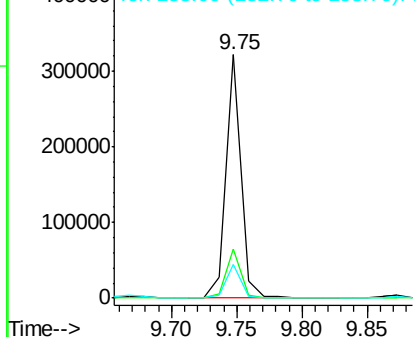


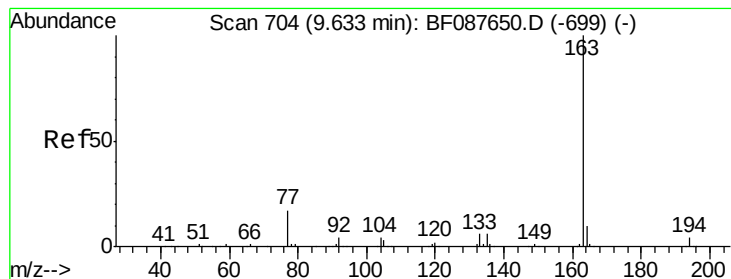
#48
Acenaphthylene
Concen: 10.15 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:152 Resp: 260256
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 10.42 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

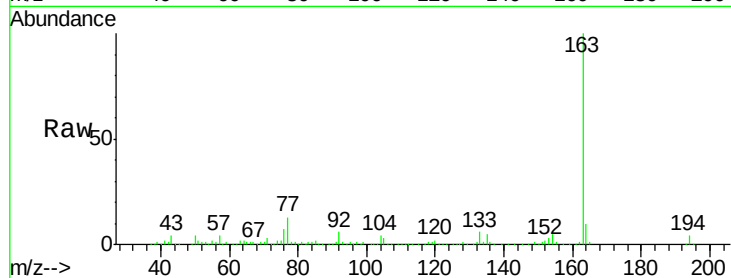
Tgt Ion:163 Resp: 192865

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

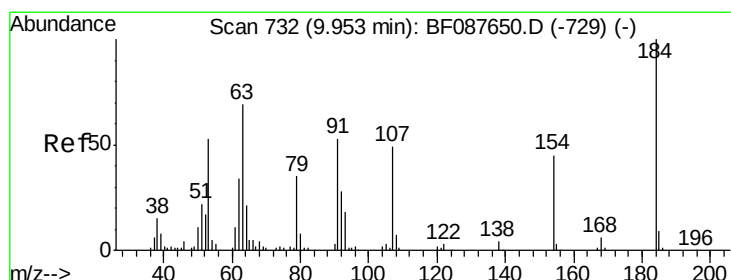
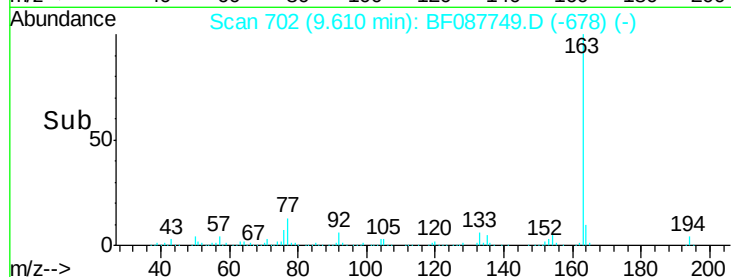
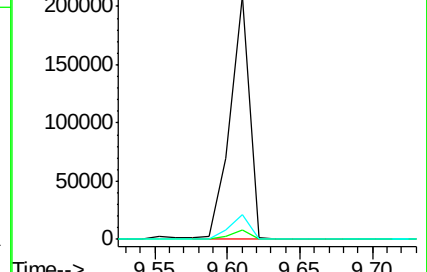
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 4.22 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.22 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

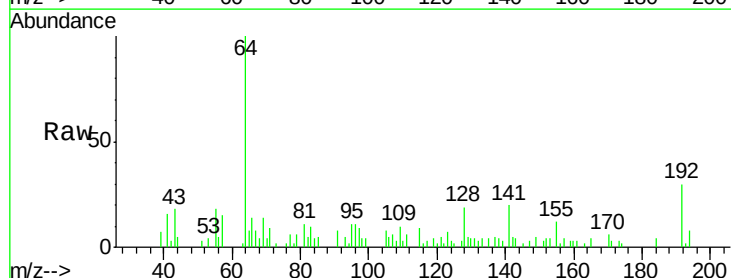
Tgt Ion:184 Resp: 684

Ion Ratio Lower Upper

184 100

63 62.1 57.6 86.4

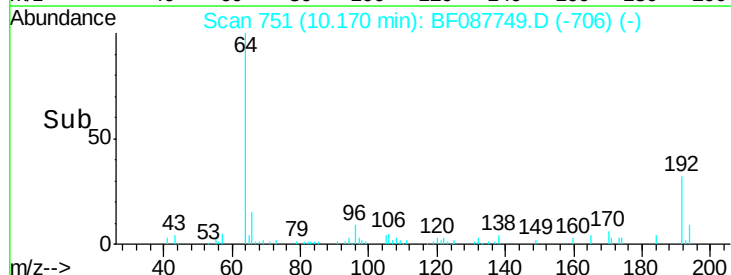
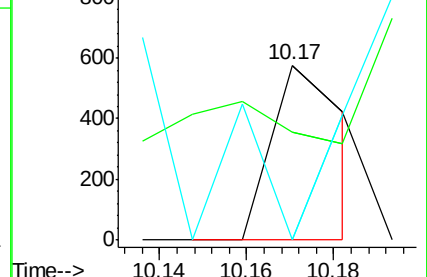
154 0.0 53.5 80.3#

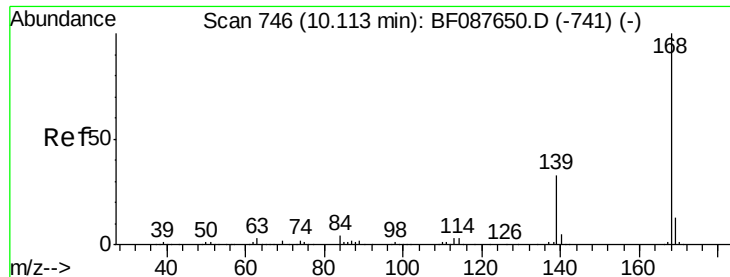


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 2.83 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

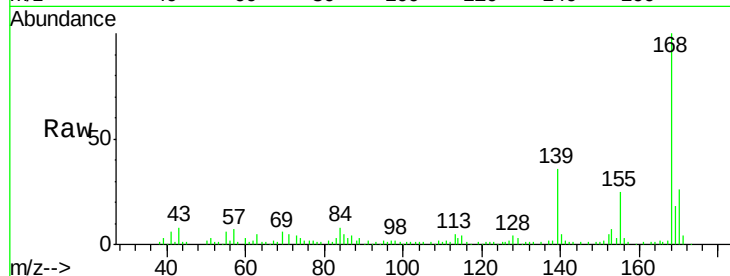
Tgt Ion:168 Resp: 63612

Ion Ratio Lower Upper

168 100

139 35.9 26.4 39.6

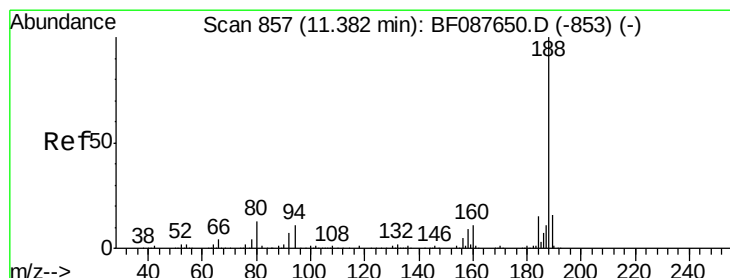
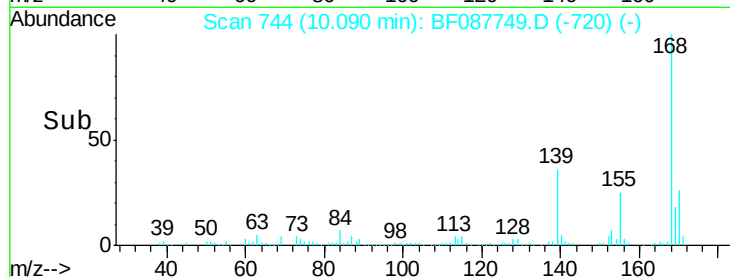
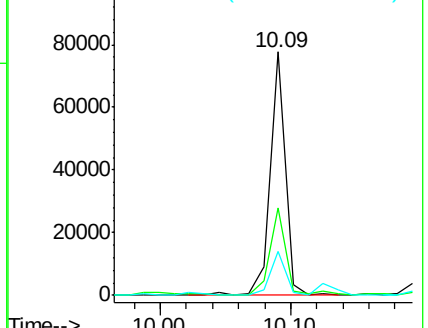
169 18.2 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

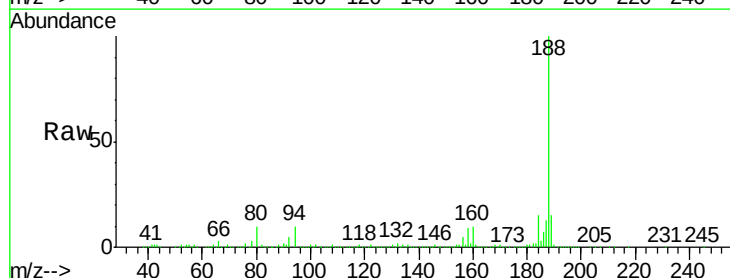
Tgt Ion:188 Resp: 426815

Ion Ratio Lower Upper

188 100

94 9.5 9.0 13.6

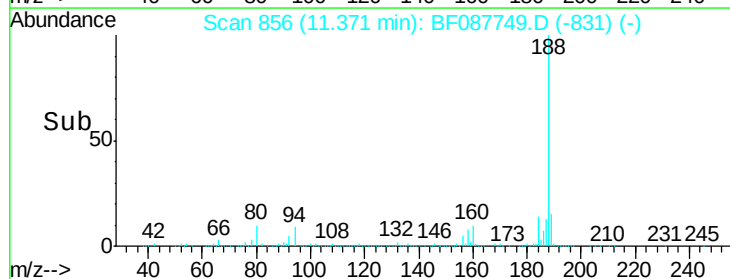
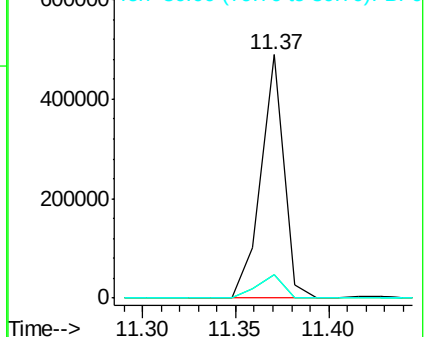
80 9.7 10.0 15.0#

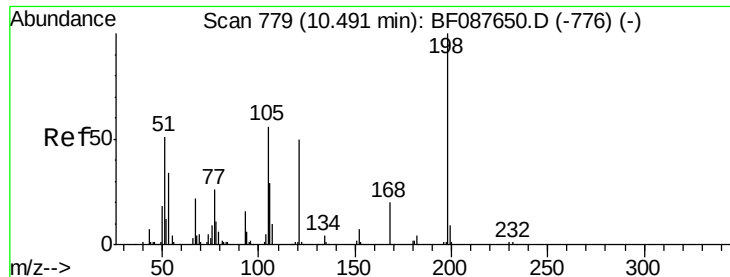


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

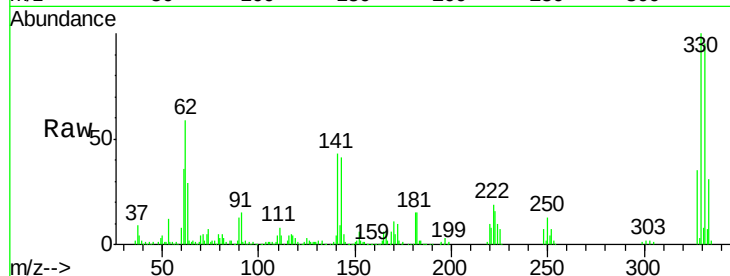




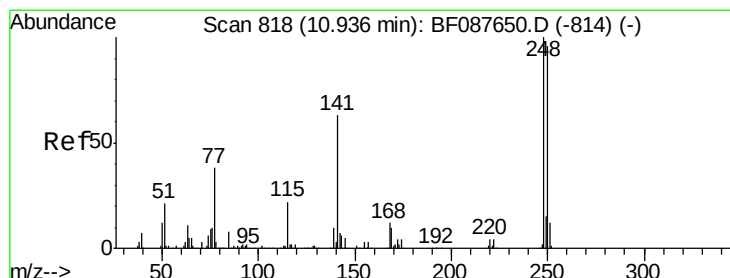
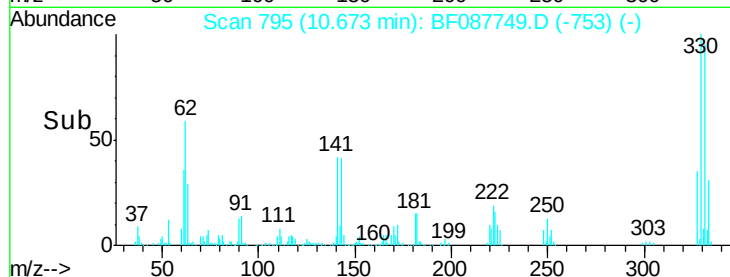
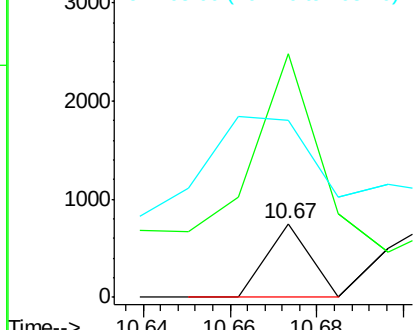
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.22 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.18 min
 Lab File: BF087749.D
 Acq: 6 Jun 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

Tgt Ion:198 Resp: 517
 Ion Ratio Lower Upper
 198 100
 51 328.9 39.6 79.6#
 105 238.7 36.6 76.6#

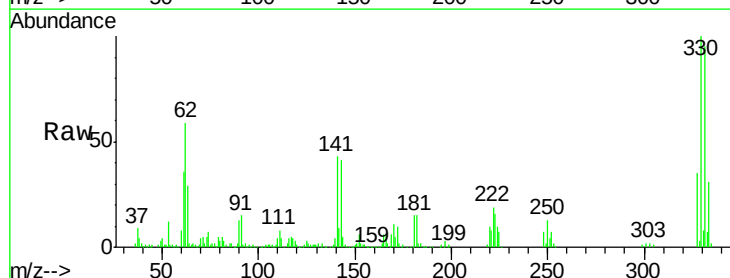


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

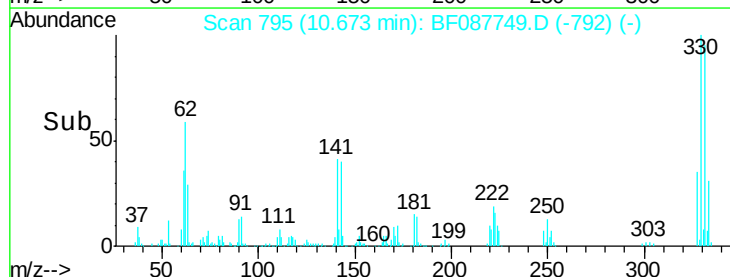
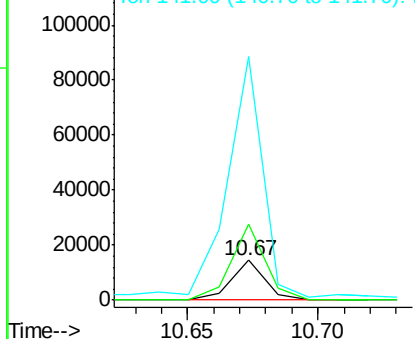


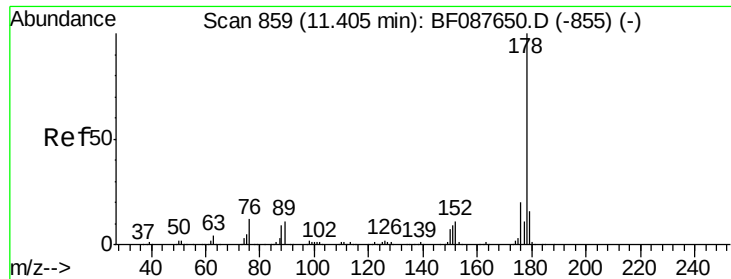
#66
 4-Bromophenyl-phenylether
 Concen: 3.10 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.26 min
 Lab File: BF087749.D
 Acq: 6 Jun 2016 13:44

Tgt Ion:248 Resp: 13133
 Ion Ratio Lower Upper
 248 100
 250 191.5 77.1 115.7#
 141 610.1 50.6 76.0#



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

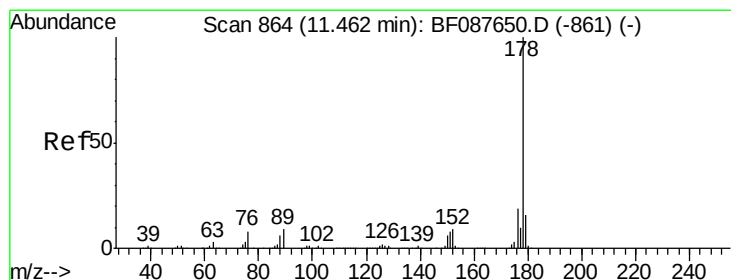
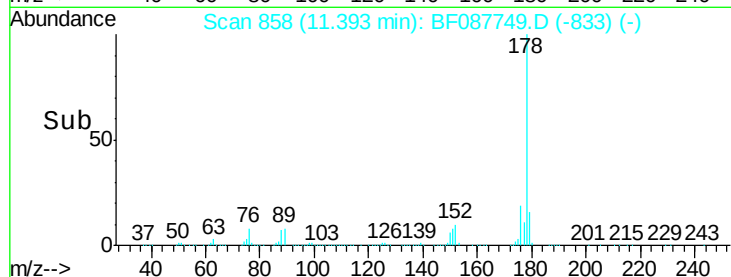
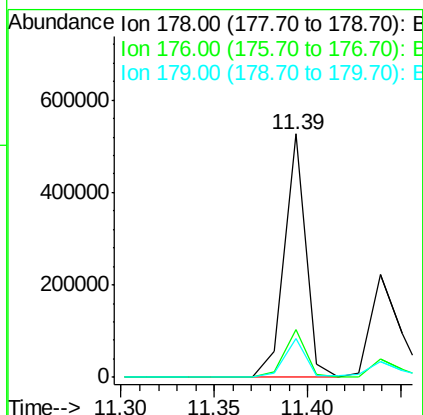
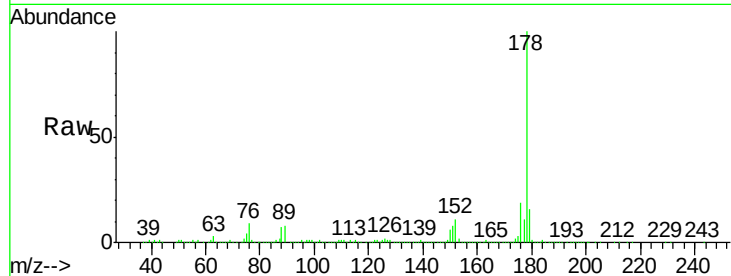




#70
Phenanthrene
Concen: 18.18 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

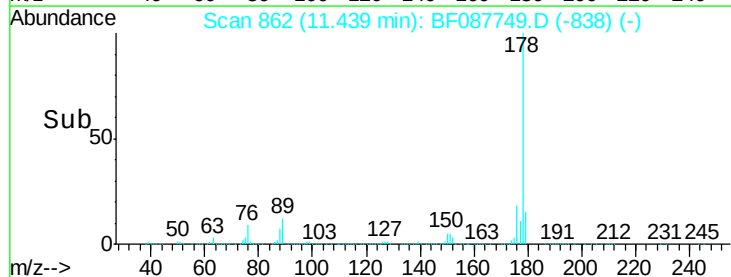
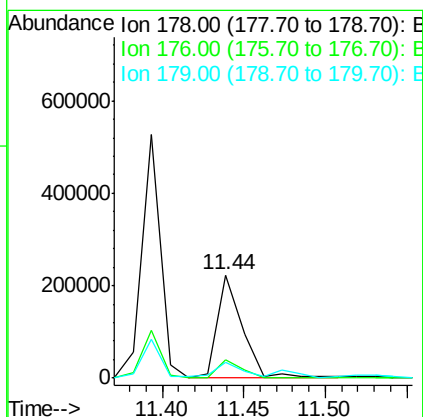
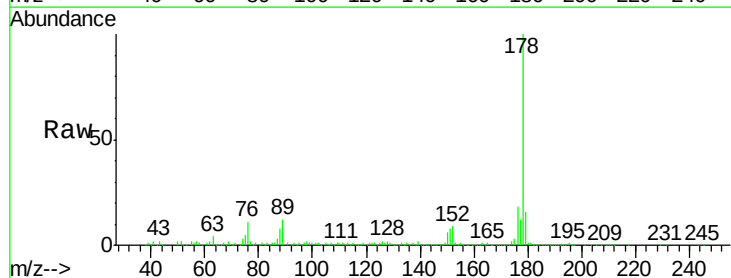
Instrument :
BNA_F
ClientSampleId :
GM-SP-(0-4)

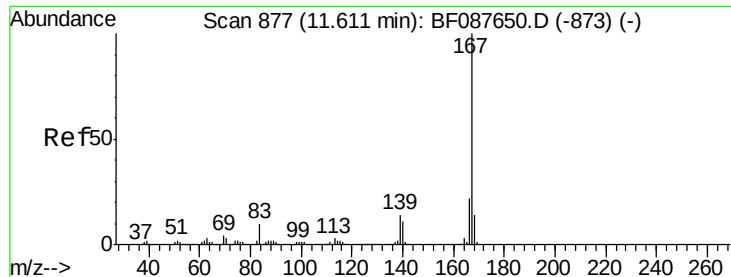
Tgt Ion:178 Resp: 420614
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.7 13.0 19.4



#71
Anthracene
Concen: 9.87 ng
RT: 11.44 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF087749.D
Acq: 6 Jun 2016 13:44

Tgt Ion:178 Resp: 228970
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 15.9 12.8 19.2





#72

Carbazole

Concen: 3.34 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

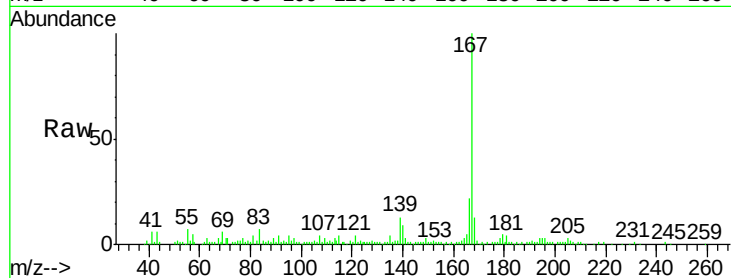
Tgt Ion:167 Resp: 73300

Ion Ratio Lower Upper

167 100

166 22.5 17.8 26.6

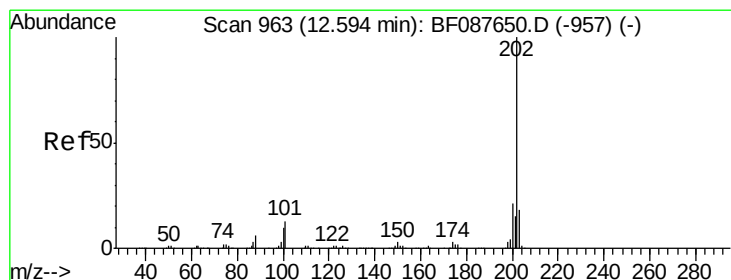
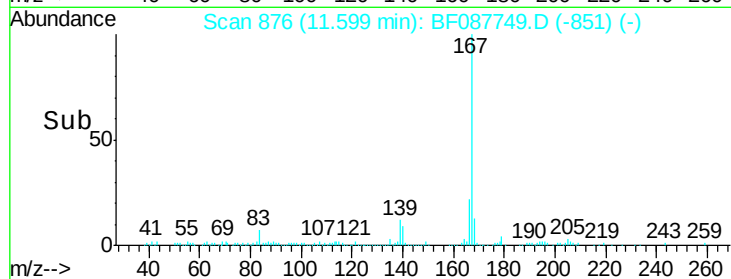
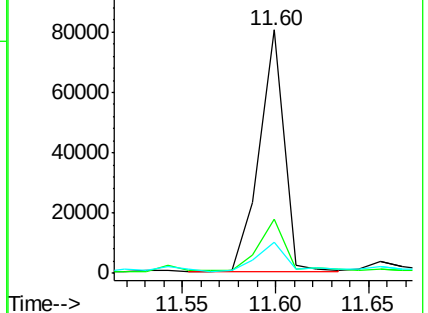
139 12.7 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 40.65 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

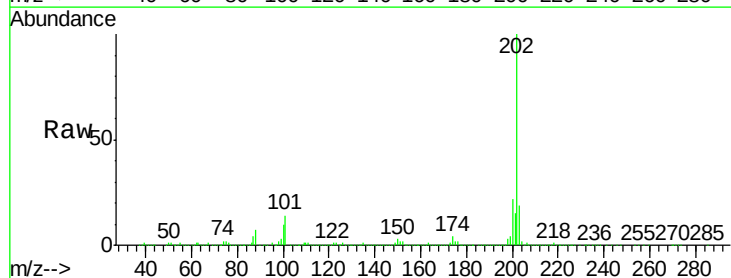
Tgt Ion:202 Resp: 925631

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.1

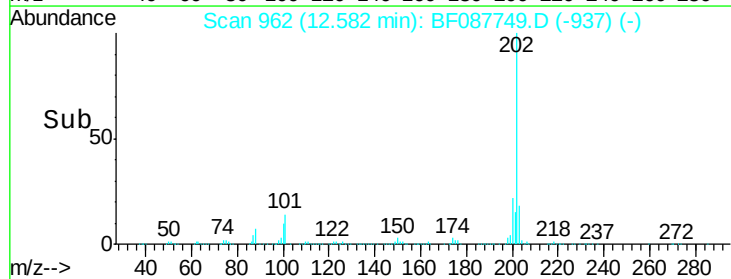
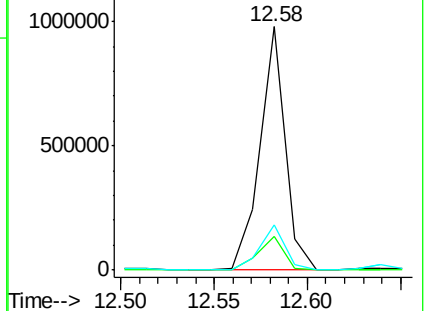
203 18.5 0.0 38.1

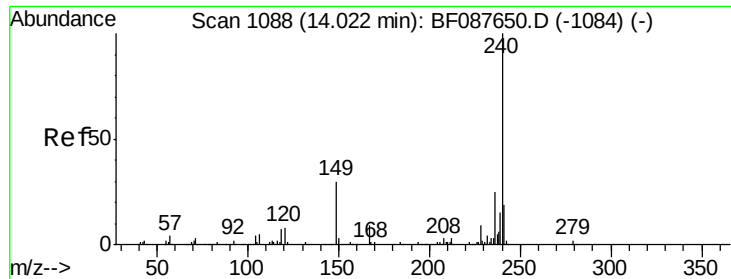


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

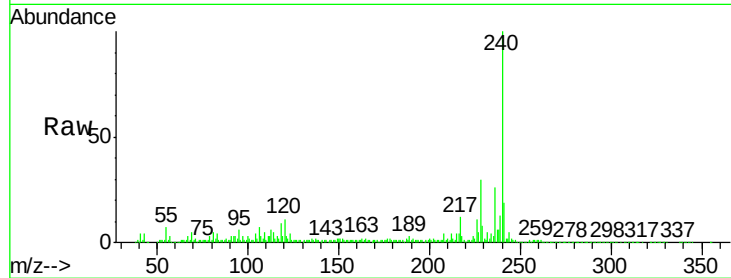
Tgt Ion:240 Resp: 297364

Ion Ratio Lower Upper

240 100

120 10.8 6.8 10.2#

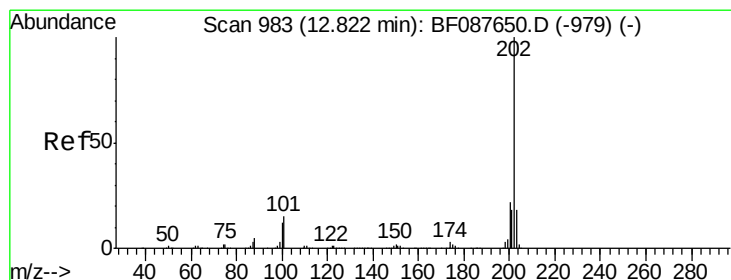
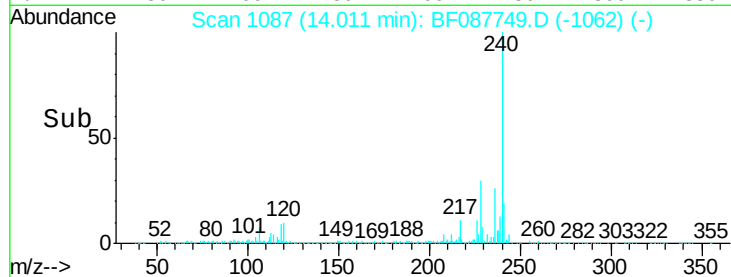
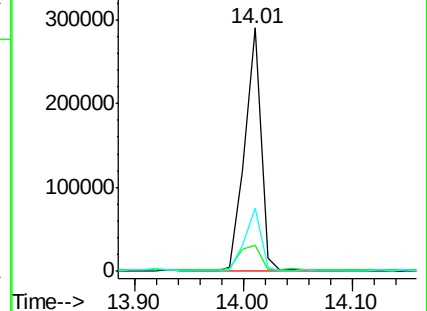
236 25.9 20.2 30.2



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



#77

Pyrene

Concen: 42.55 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

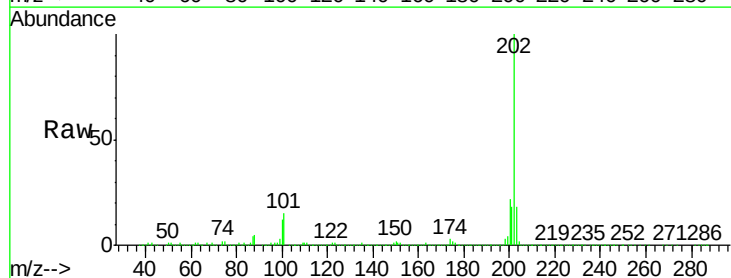
Tgt Ion:202 Resp: 901056

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

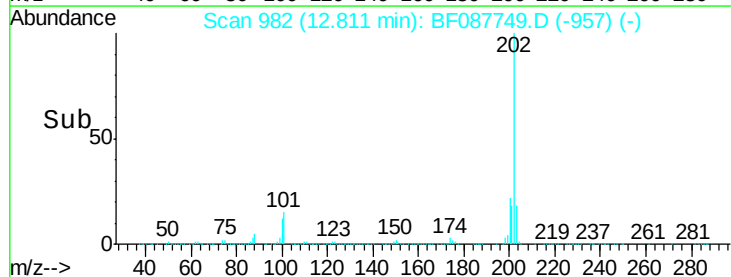
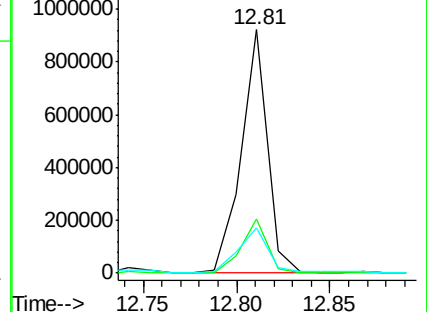
203 18.4 14.5 21.7

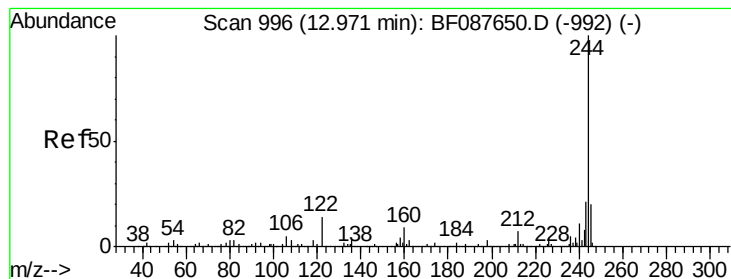


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.20 ng

RT: 12.96 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

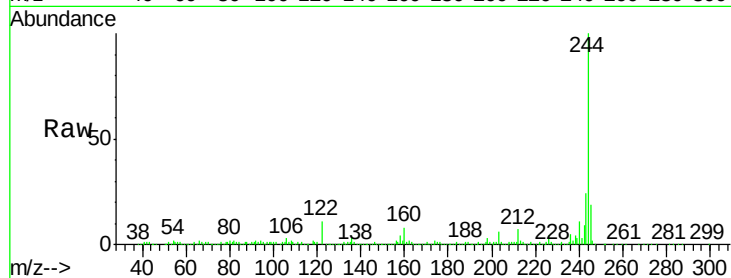
Tgt Ion:244 Resp: 782420

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

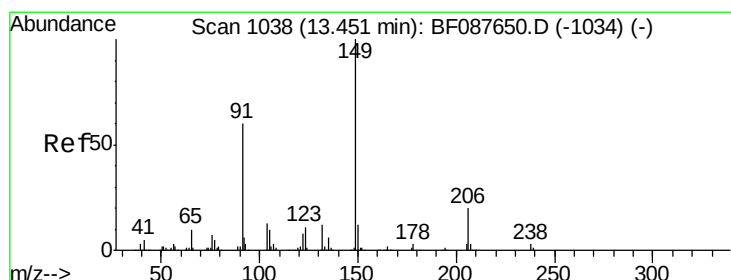
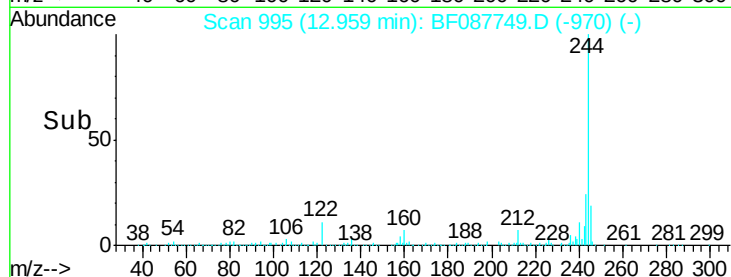
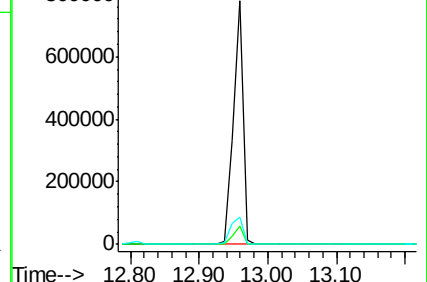
122 11.1 11.2 16.8#



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: 5.77 ng

RT: 13.43 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

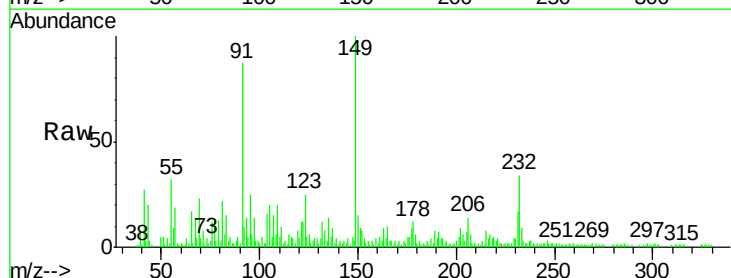
Tgt Ion:149 Resp: 52020

Ion Ratio Lower Upper

149 100

91 87.1 48.0 72.0#

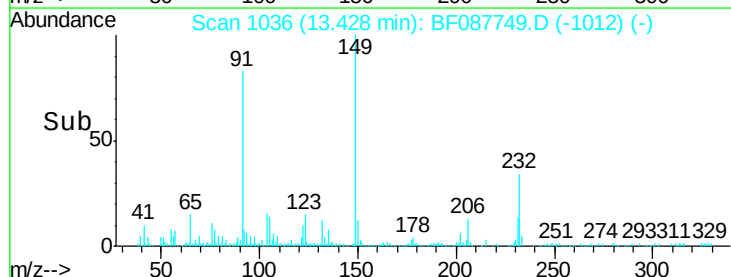
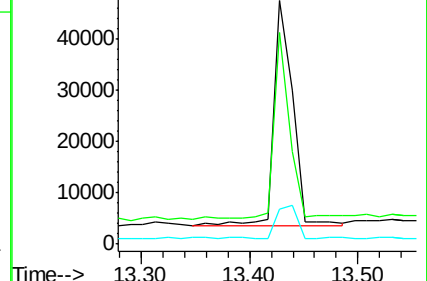
206 14.4 16.0 24.0#

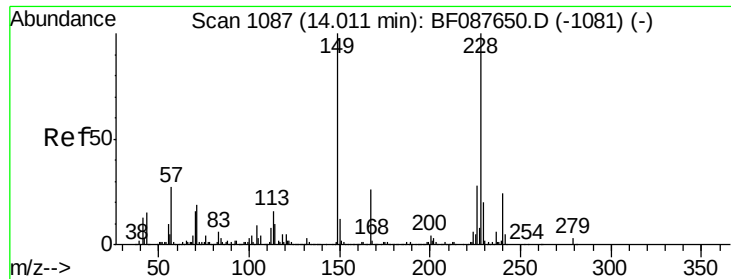


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 30.80 ng

RT: 14.03 min Scan# 1089

Delta R.T. 0.02 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

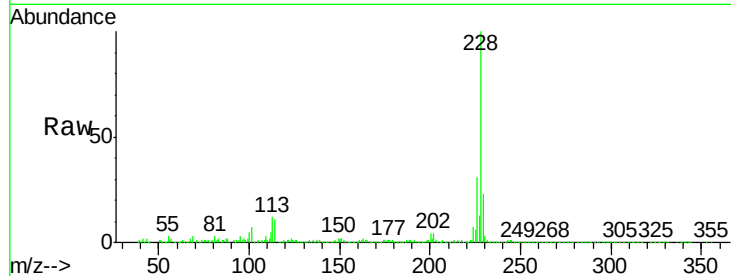
Tgt Ion:228 Resp: 528552

Ion Ratio Lower Upper

228 100

226 30.9 22.3 33.5

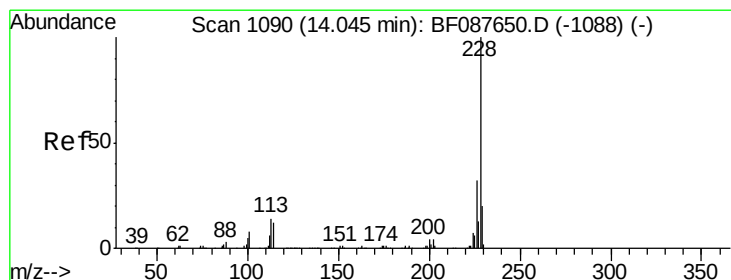
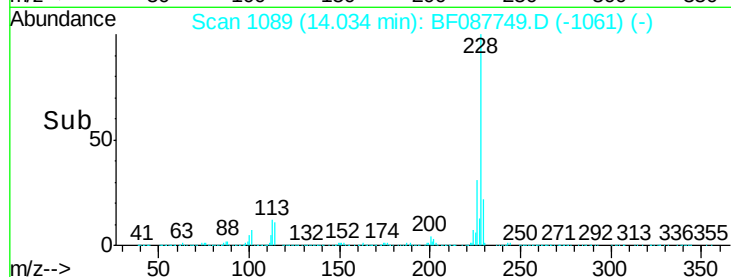
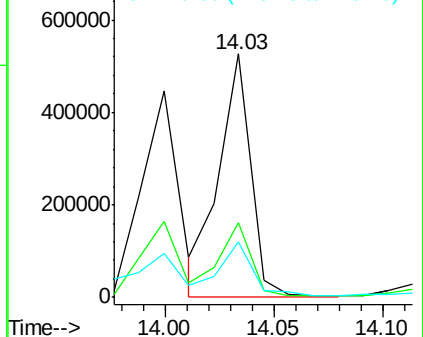
229 22.9 16.0 24.0



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



#82

Chrysene

Concen: 30.96 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

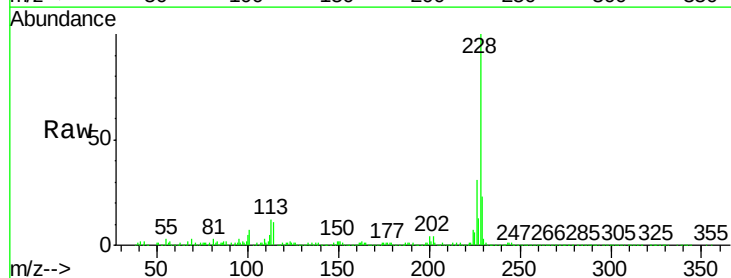
Tgt Ion:228 Resp: 528797

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.2

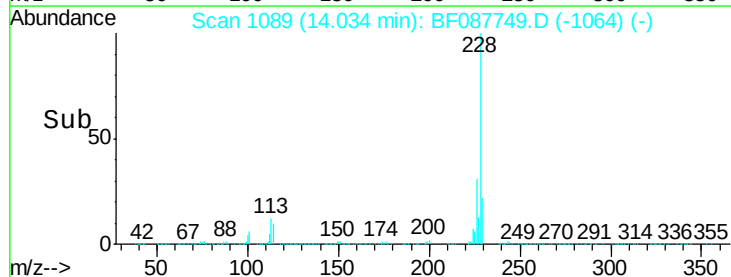
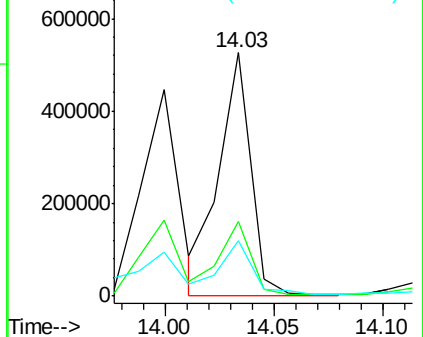
229 22.9 16.3 24.5

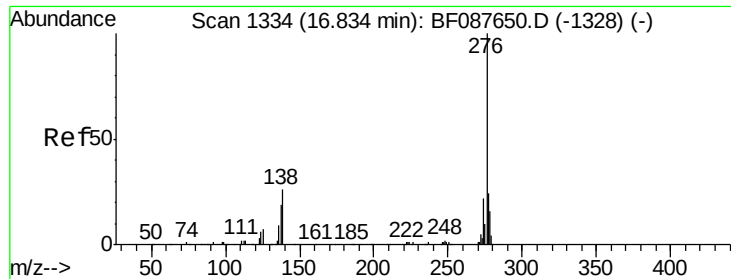


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

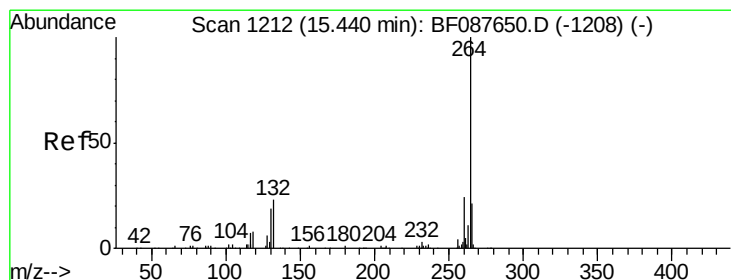
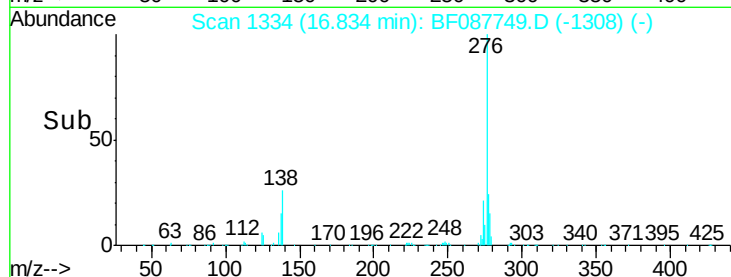
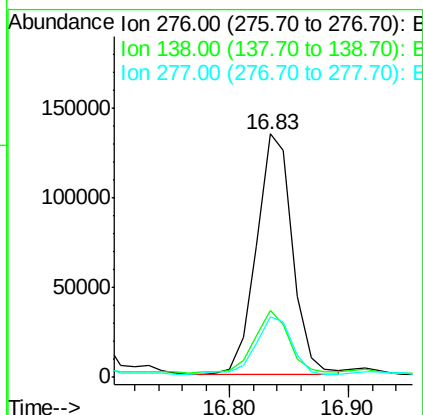
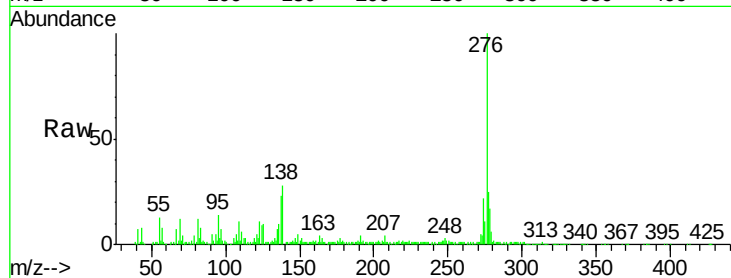




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 19.97 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF087749.D
 Acq: 6 Jun 2016 13:44

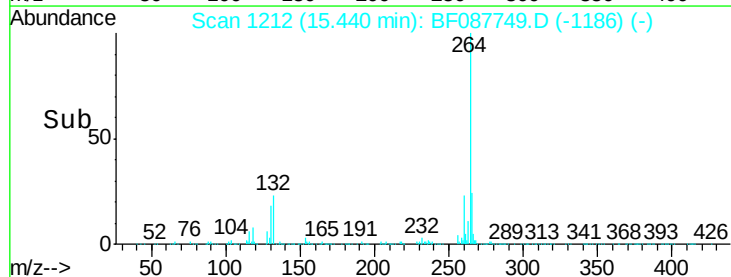
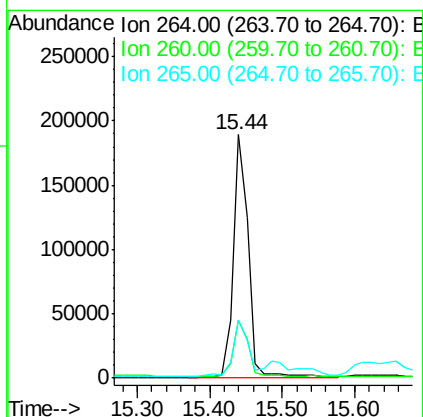
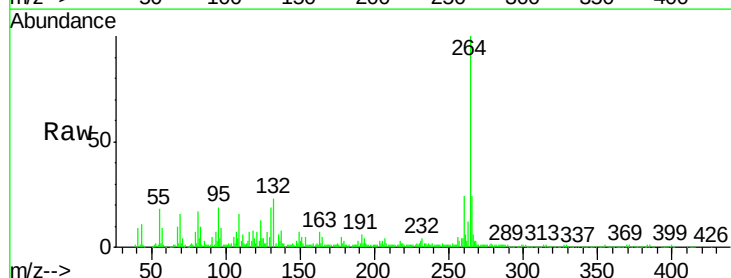
Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

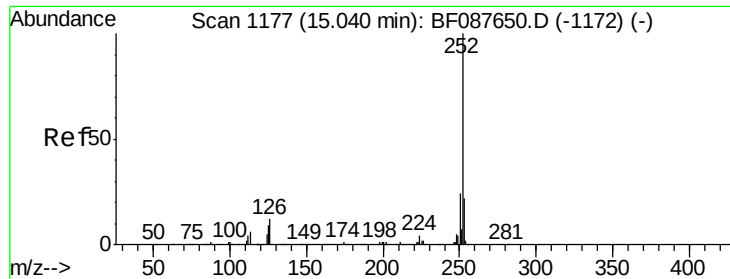
Tgt Ion: 276 Resp: 281909
 Ion Ratio Lower Upper
 276 100
 138 24.5 0.0 0.0#
 277 24.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087749.D
 Acq: 6 Jun 2016 13:44

Tgt Ion: 264 Resp: 265286
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 24.0 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 55.68 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

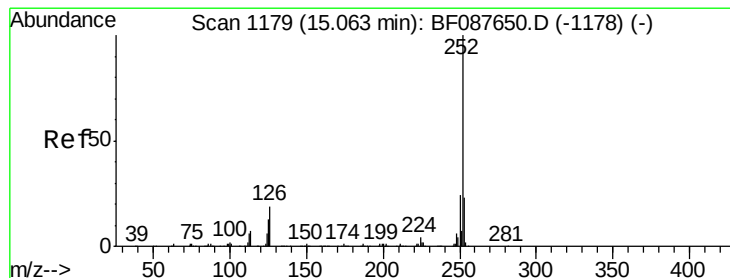
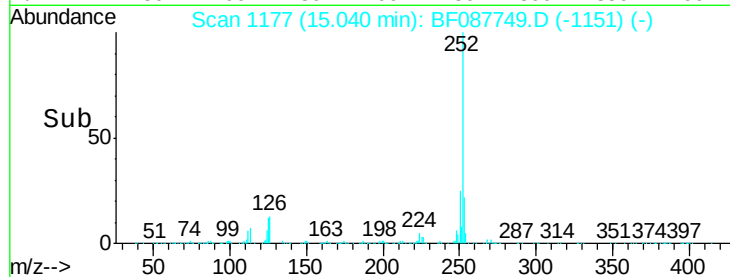
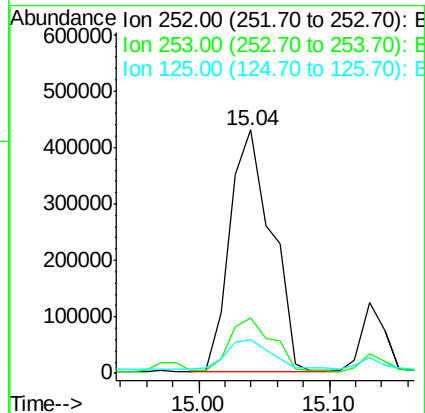
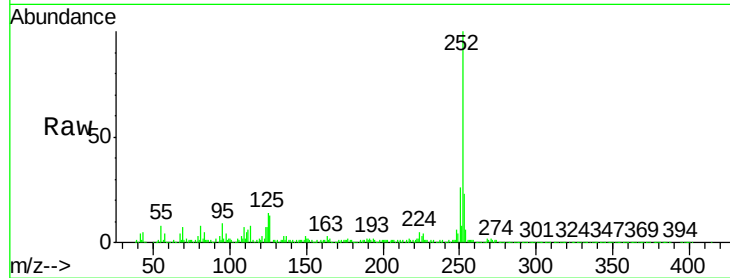
Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

Tgt Ion:	252	Resp:	960903
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	14.0	7.1	10.7#



#88

Benzo(k)fluoranthene

Concen: 66.92 ng

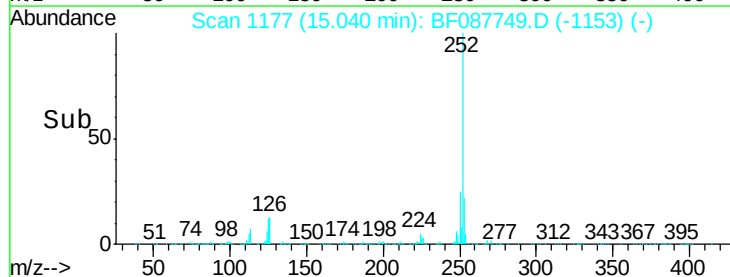
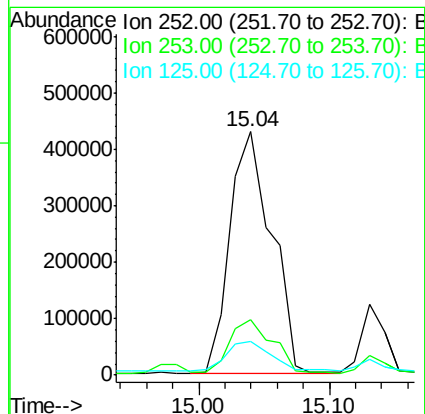
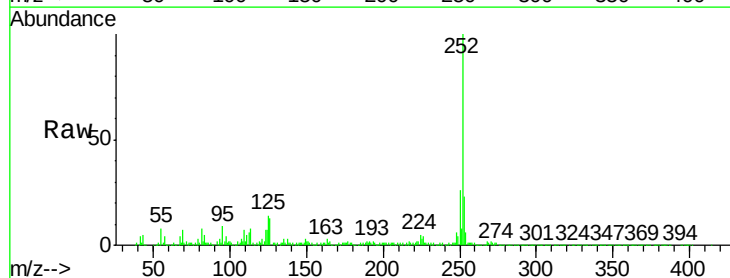
RT: 15.04 min Scan# 1177

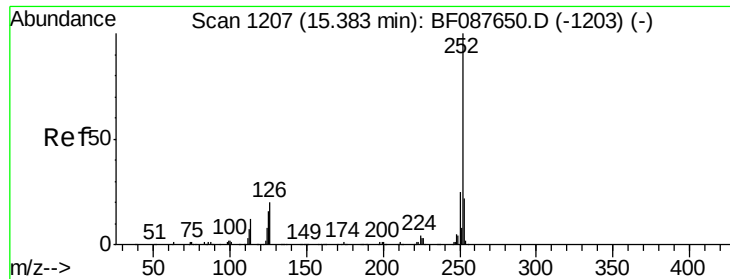
Delta R.T. -0.02 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Tgt Ion:	252	Resp:	960903
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.0	11.2	16.8





#89

Benzo(a)pyrene

Concen: 26.11 ng

RT: 15.38 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

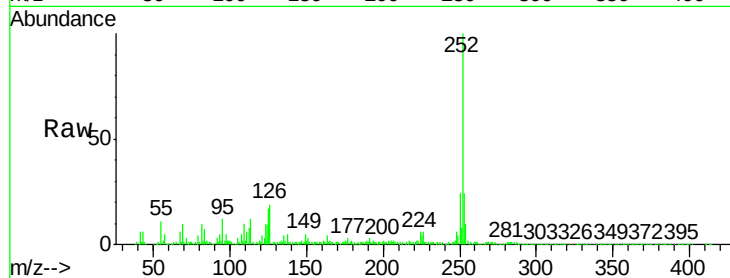
Tgt Ion: 252 Resp: 378773

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

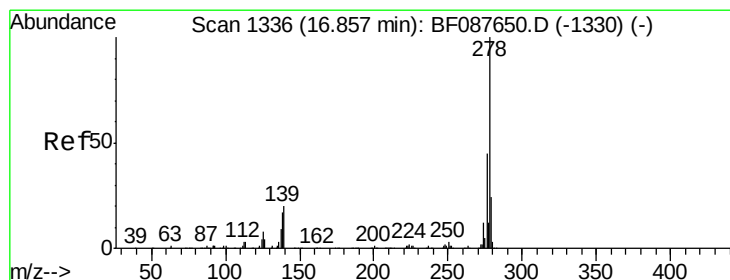
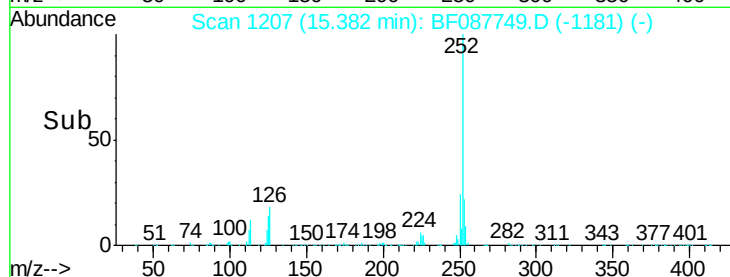
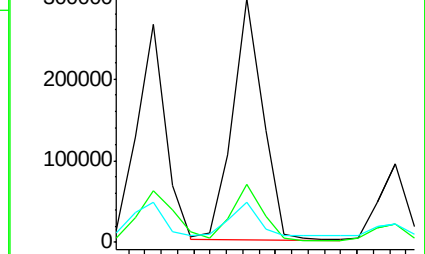
125 16.6 12.5 18.7



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: 5.16 ng

RT: 16.85 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF087749.D

Acq: 6 Jun 2016 13:44

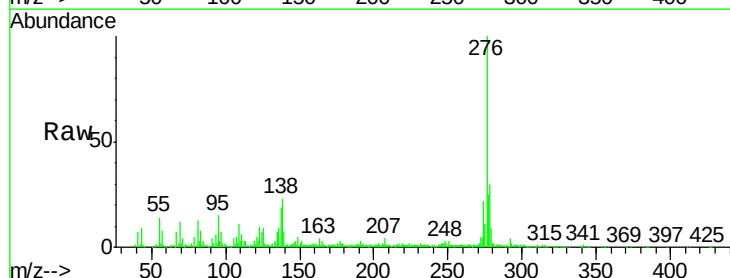
Tgt Ion: 278 Resp: 63709

Ion Ratio Lower Upper

278 100

139 24.2 15.7 23.5#

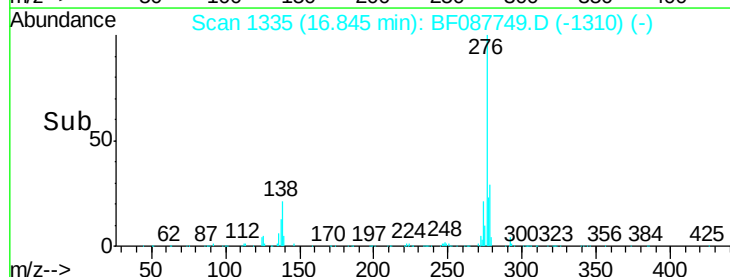
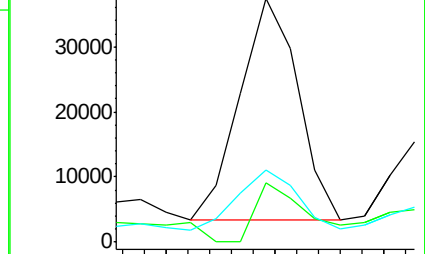
279 29.4 19.4 29.2#

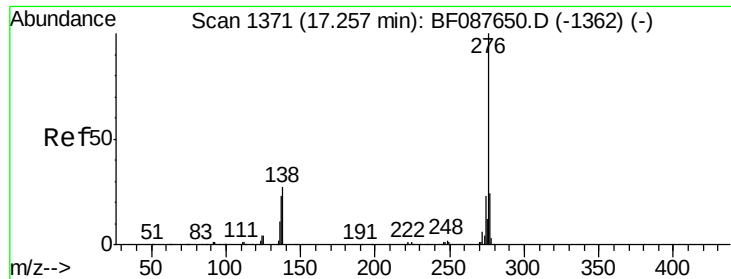


Abundance Ion 278.00 (277.70 to 278.70): E

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: 20.49 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF087749.D
 Acq: 6 Jun 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	25.6	21.4	32.2

