

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051616\
 Data File : BF087076.D
 Acq On : 16 May 2016 12:47
 Operator : UM/SJ
 Sample : H2065-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-13(5.5-6)

Quant Time: May 17 00:51:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	580241	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	721404	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	302552	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	453682	20.00	ng	-0.09
75) Chrysene-d12	13.76	240	359991	20.00	ng	-0.08
86) Perylene-d12	15.12	264	312975	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1209862	35.31	ng	-0.09
7) Phenol-d6	6.28	99	1758356	38.40	ng	-0.08
23) Nitrobenzene-d5	7.19	82	1182432	82.30	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	277153	86.53	ng	-0.09
44) 2-Fluorobiphenyl	8.97	172	1390709	77.25	ng	-0.09
78) Terphenyl-d14	12.71	244	936702	55.21	ng	-0.09

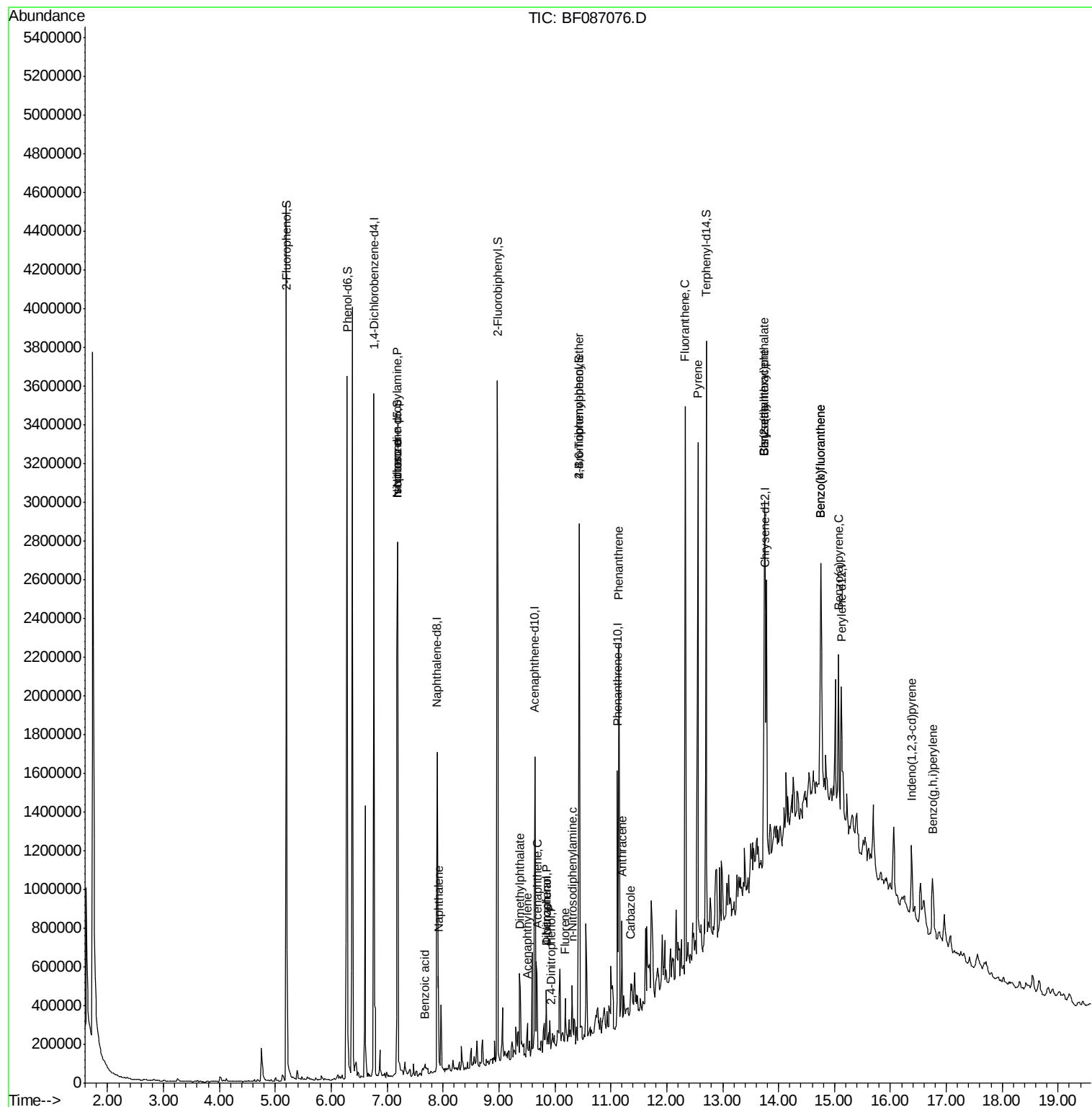
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	169357	5.29	ng	# 81
25) Isophorone	7.19	82	1106412	41.51	ng	# 68
31) Naphthalene	7.92	128	286761	7.94	ng	99
32) Benzoic acid	7.68	122	16082	2.47	ng	# 68
48) Acenaphthylene	9.51	152	60060	2.17	ng	98
49) Dimethylphthalate	9.37	163	149370	6.47	ng	# 99
51) Acenaphthene	9.68	154	139650	8.10	ng	97
53) 2,4-Dinitrophenol	9.93	184	899	8.02	ng	# 63
54) Dibenzofuran	9.85	168	102864	4.65	ng	# 96
55) 4-Nitrophenol	9.85	139	43044	16.46	ng	# 21
57) Fluorene	10.18	166	69963	3.70	ng	# 96
60) 4-Chlorophenyl-phenylether	10.18	204	564	Below	Cal	# 1
65) n-Nitrosodiphenylamine	10.31	169	32190	2.31	ng	90
66) 4-Bromophenyl-phenylether	10.43	248	18468	4.01	ng	# 1
70) Phenanthrene	11.14	178	752010	31.06	ng	100
71) Anthracene	11.20	178	252562	10.20	ng	99
72) Carbazole	11.36	167	65153	3.06	ng	96
74) Fluoranthene	12.33	202	1154209	46.35	ng	98
77) Pyrene	12.56	202	1154534	41.89	ng	99
80) Benzo(a)anthracene	13.75	228	625036	30.93	ng	97
82) Chrysene	13.75	228	625036	30.41	ng	98
83) Bis(2-ethylhexyl)phthalate	13.75	149	53962	3.85	ng	100
85) Indeno(1,2,3-cd)pyrene	16.38	276	246547	14.41	ng	# 93
87) Benzo(b)fluoranthene	14.75	252	854630	42.02	ng	97
88) Benzo(k)fluoranthene	14.75	252	854630	51.31	ng	# 96
89) Benzo(a)pyrene	15.07	252	453252	25.83	ng	97
91) Benzo(g,h,i)perylene	16.75	276	229395	15.27	ng	94

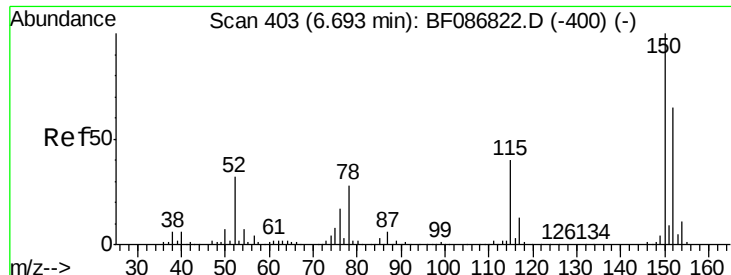
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051616\
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E-13(5.5-6)

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QLast Update : Fri May 13 14:55:23 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

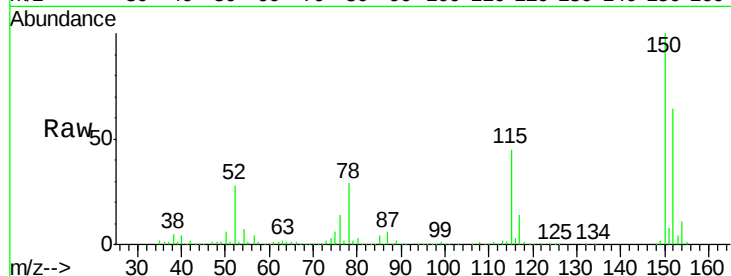
Tgt Ion:152 Resp: 580241

Ion Ratio Lower Upper

152 100

150 155.1 125.8 188.6

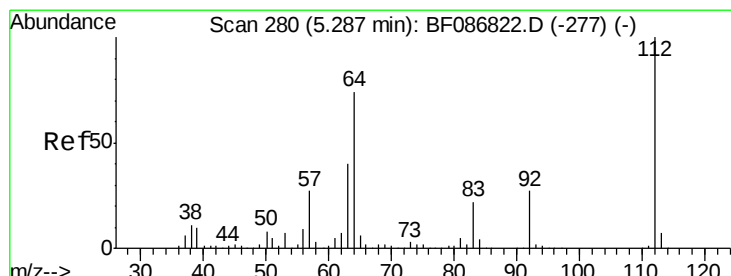
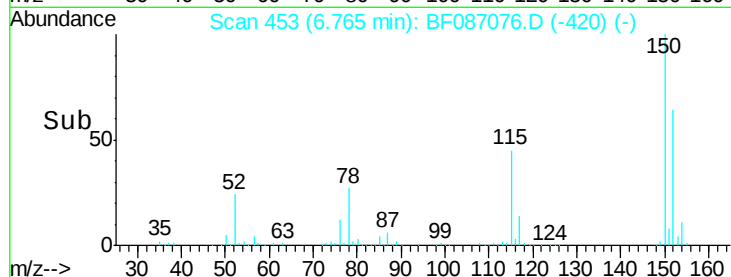
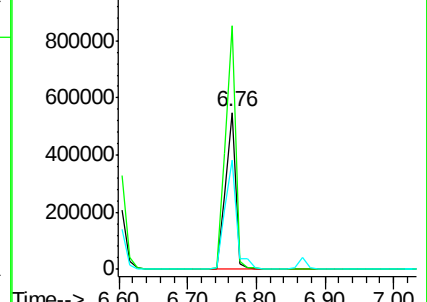
115 69.7 51.5 77.3



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: 35.31 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.09 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

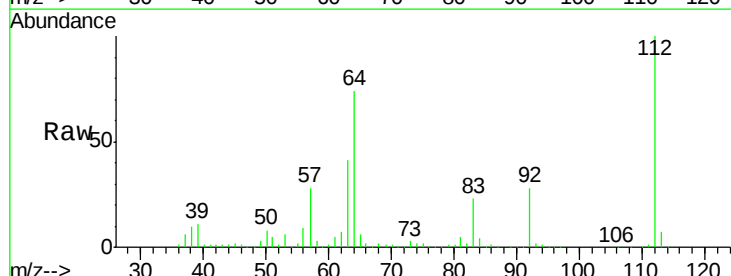
Tgt Ion:112 Resp: 1209862

Ion Ratio Lower Upper

112 100

64 74.5 52.1 78.1

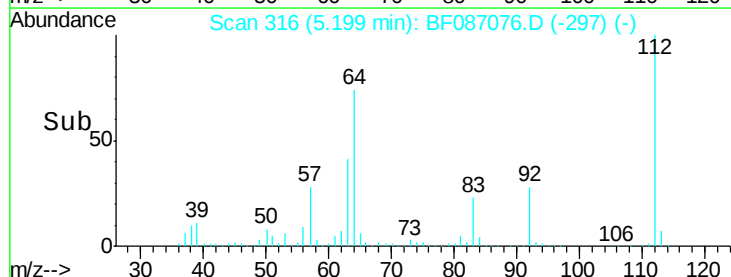
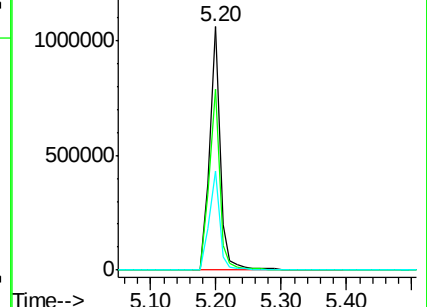
63 40.8 25.7 38.5#

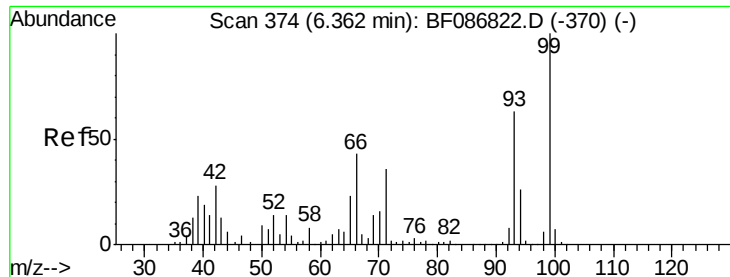


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.40 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

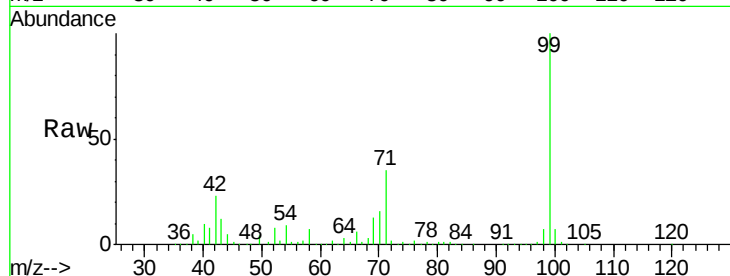
BNA_F

ClientSampleId :

E-13(5.5-6)

Tgt Ion: 99 Resp: 1758356

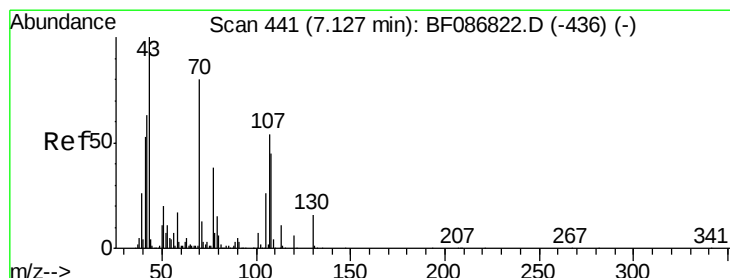
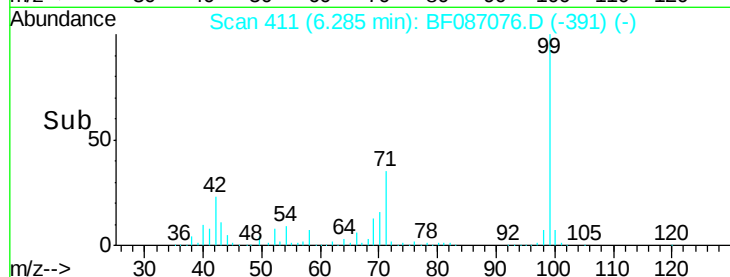
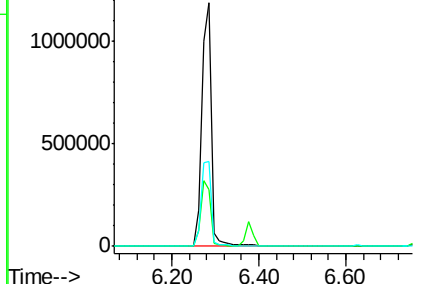
Ion	Ratio	Lower	Upper
99	100		
42	23.3	13.6	20.4#
71	34.9	24.6	36.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.29 ng

RT: 7.19 min Scan# 490

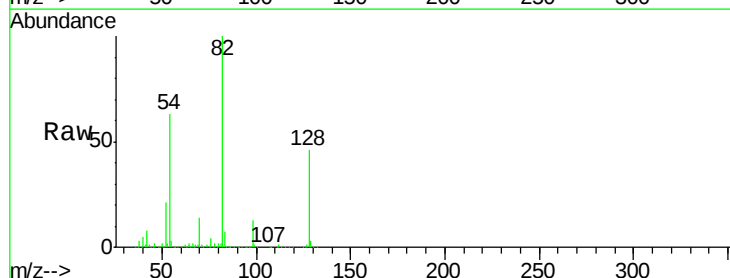
Delta R.T. 0.06 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Tgt Ion: 70 Resp: 169357

Ion	Ratio	Lower	Upper
70	100		
42	58.2	43.1	64.7
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#

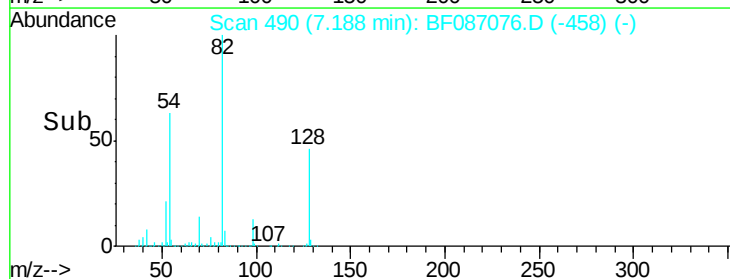
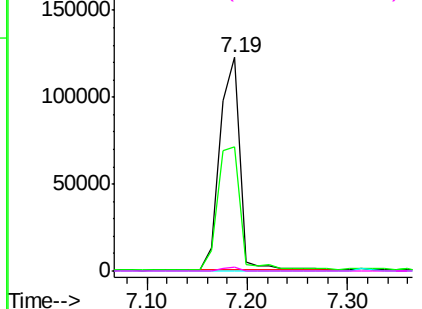


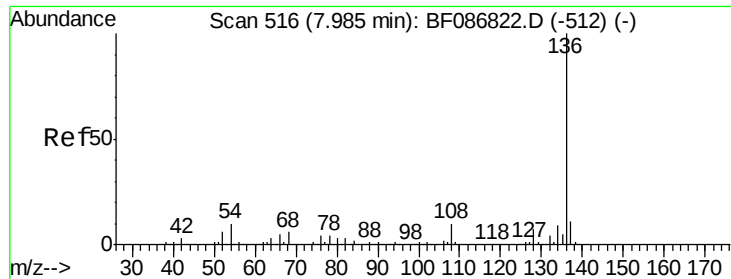
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

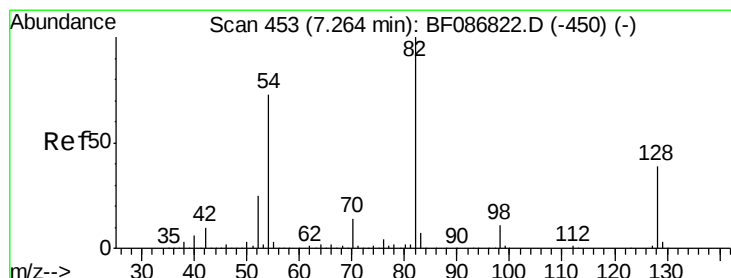
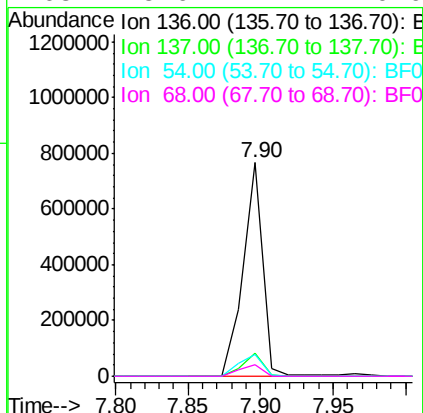
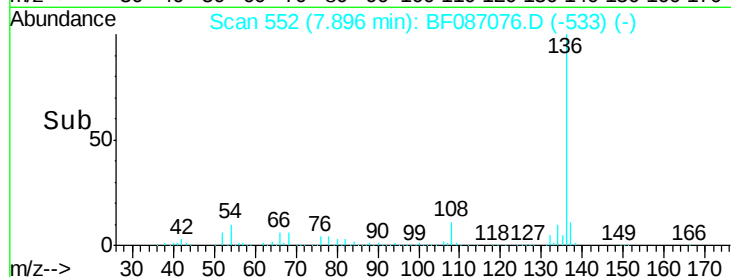
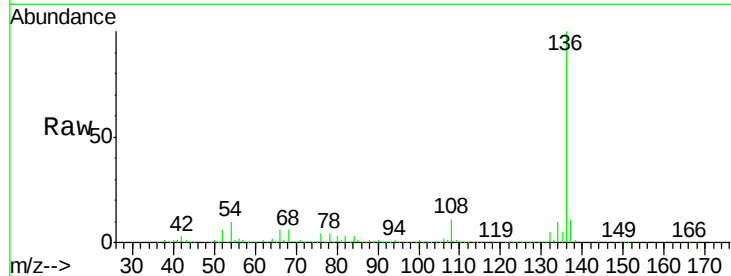




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087076.D
Acq: 16 May 2016 12:47

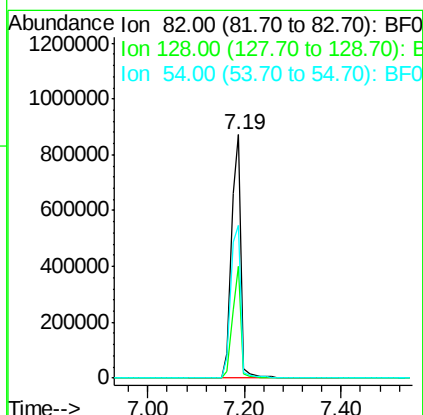
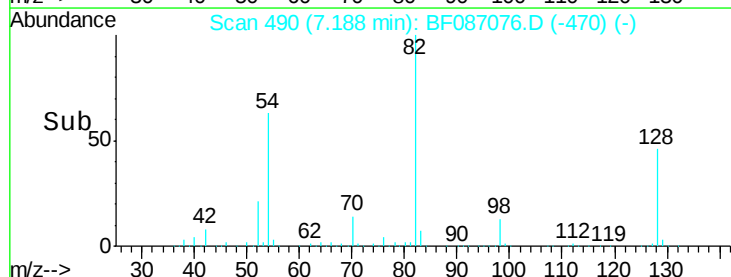
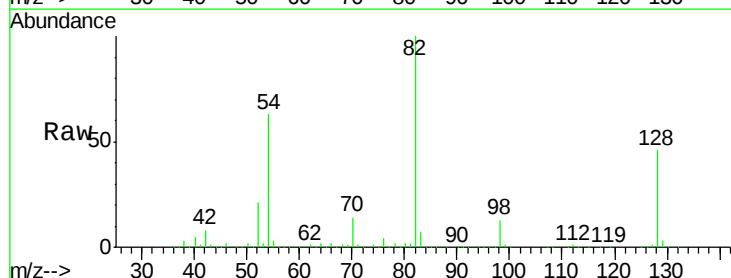
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E-13(5.5-6)

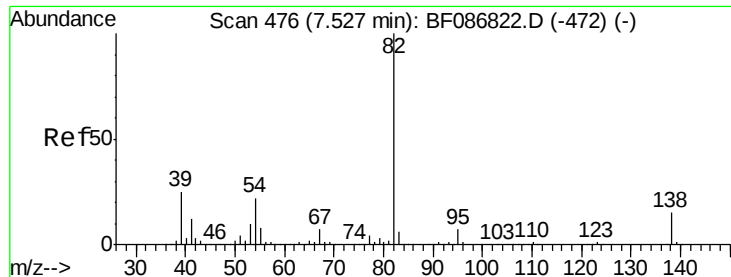
Tgt Ion:	136	Resp:	721404
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.1	5.0	7.4#
68	5.6	4.4	6.6



#23
Nitrobenzene-d5
Concen: 82.30 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087076.D
Acq: 16 May 2016 12:47

Tgt Ion:	82	Resp:	1182432
Ion	Ratio	Lower	Upper
82	100		
128	45.7	40.6	61.0
54	62.5	38.1	57.1#





#25

Isophorone

Concen: 41.51 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

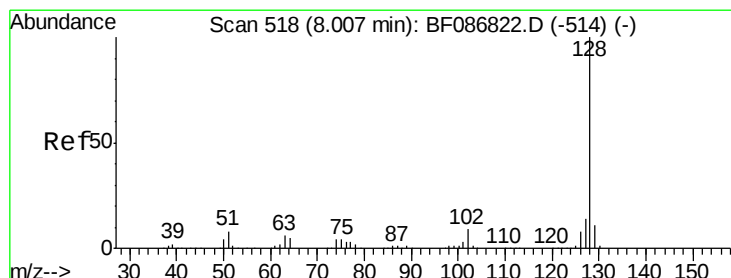
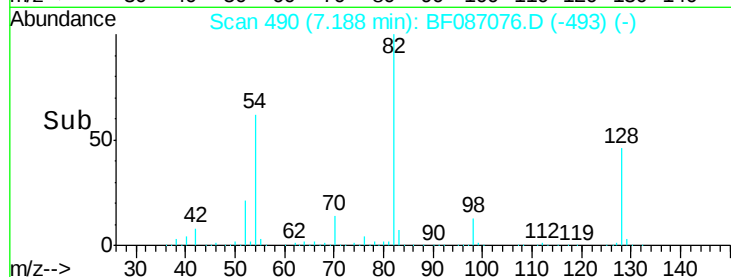
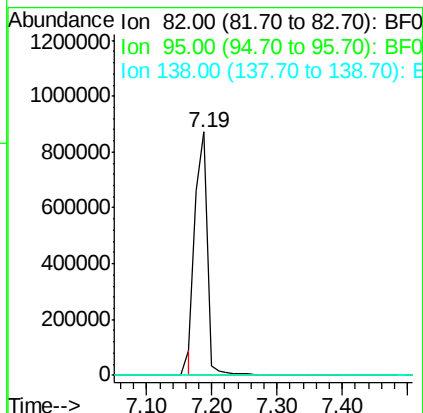
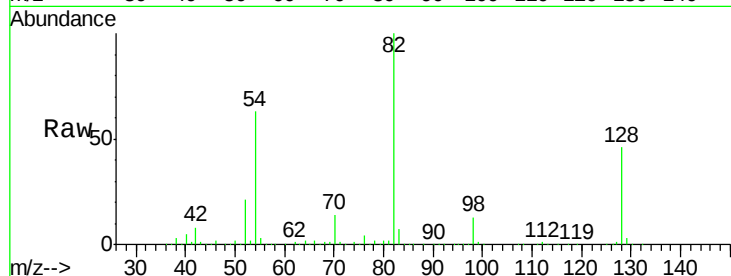
Tgt Ion: 82 Resp: 1106412

Ion Ratio Lower Upper

82 100

95 0.1 5.1 7.7#

138 0.0 12.4 18.6#



#31

Naphthalene

Concen: 7.94 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.09 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

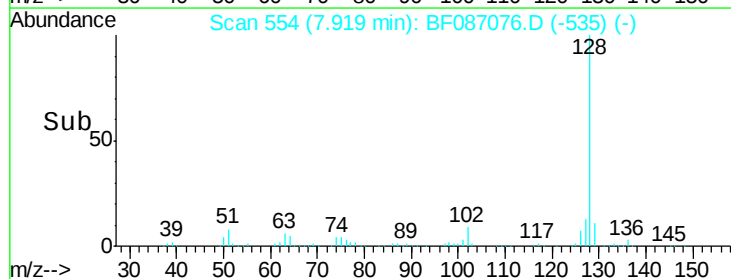
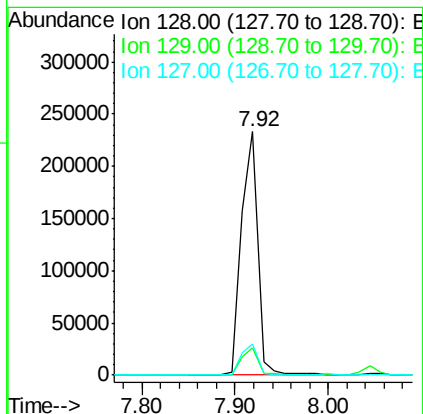
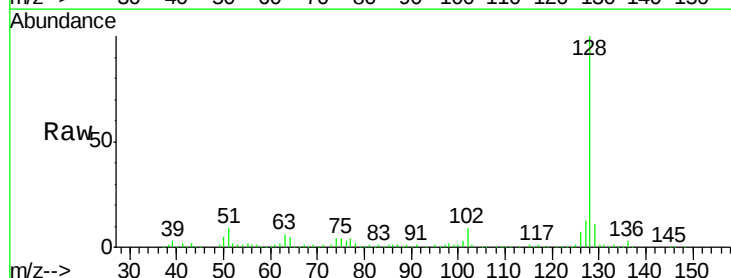
Tgt Ion: 128 Resp: 286761

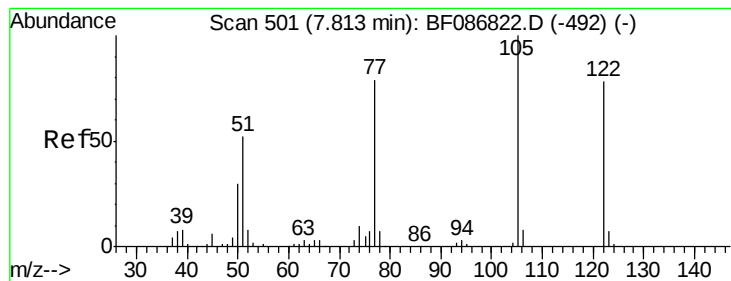
Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.0 10.8 16.2





#32

Benzoic acid

Concen: 2.47 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.13 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

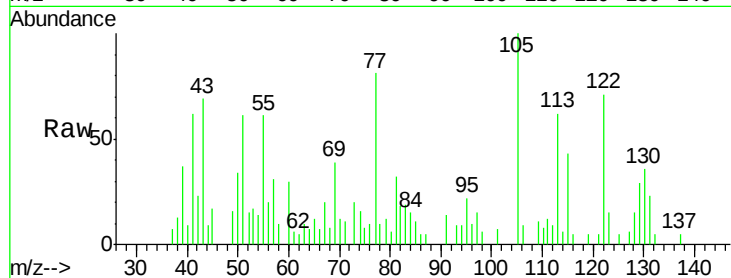
Tgt Ion:122 Resp: 16082

Ion Ratio Lower Upper

122 100

105 141.2 92.6 132.6#

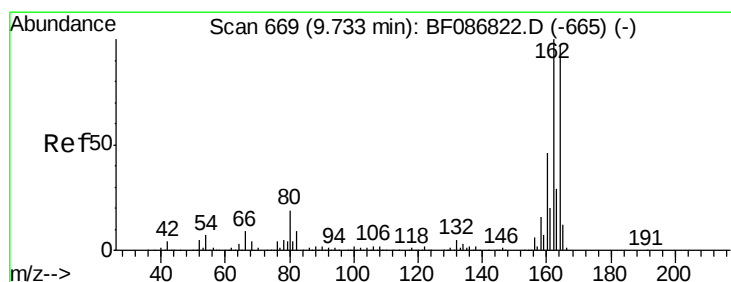
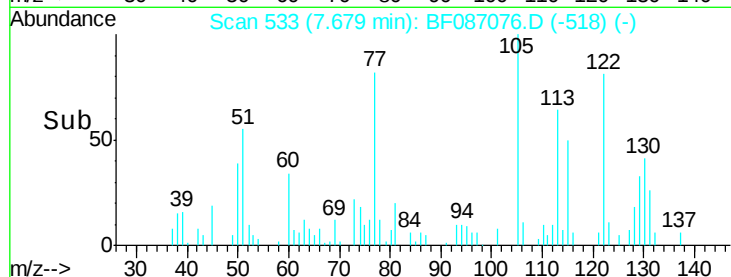
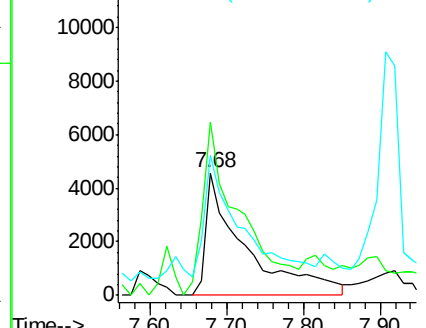
77 114.4 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

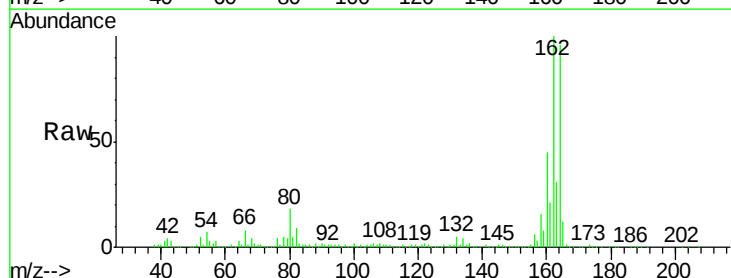
Tgt Ion:164 Resp: 302552

Ion Ratio Lower Upper

164 100

162 104.3 82.8 124.2

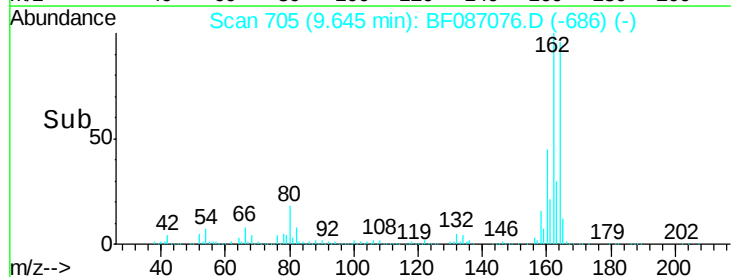
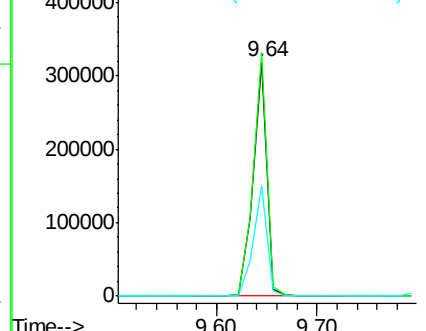
160 47.4 36.9 55.3

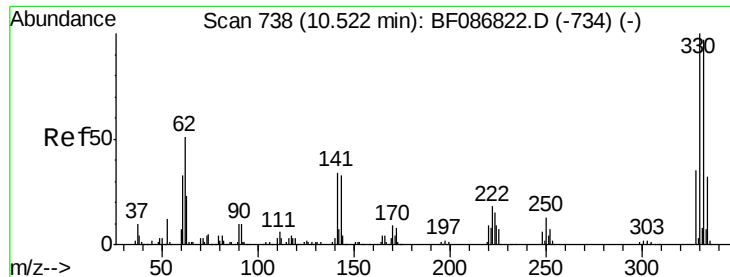


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

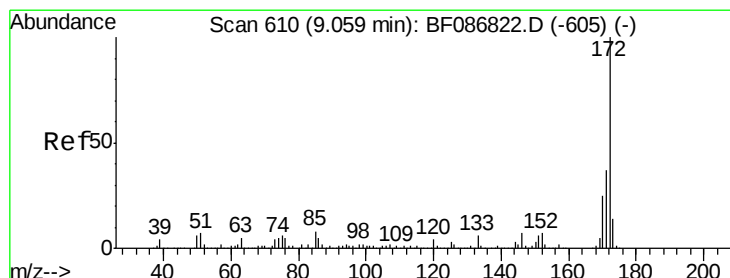
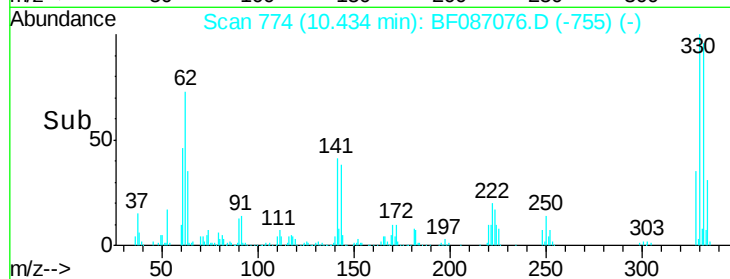
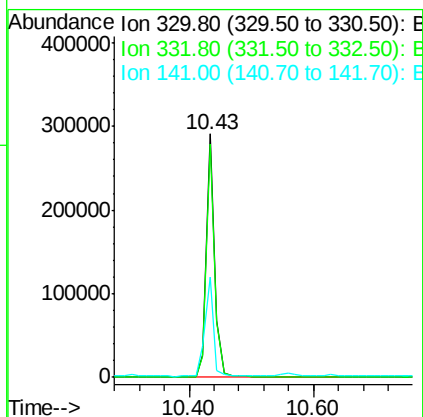
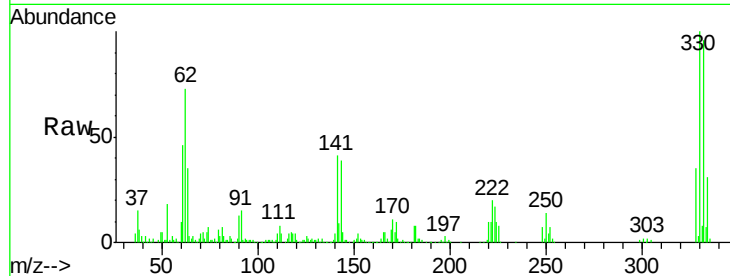




#41
 2,4,6-Tribromophenol
 Concen: 86.53 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF087076.D
 Acq: 16 May 2016 12:47

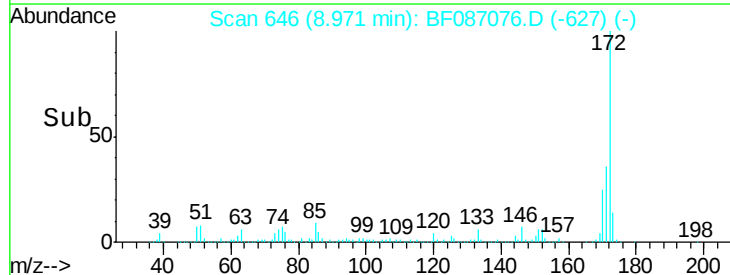
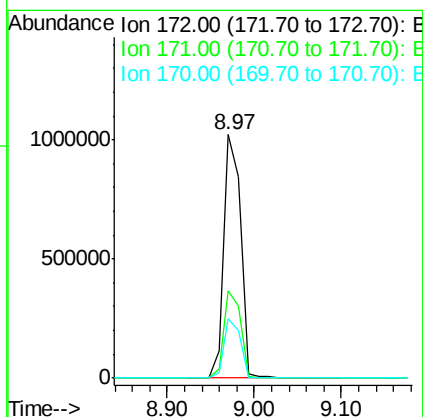
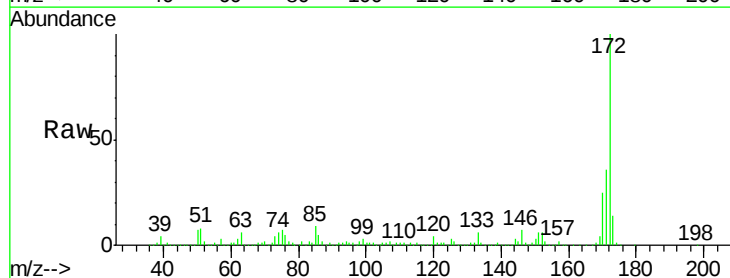
Instrument :
 BNA_F
 ClientSampleId :
 E-13(5.5-6)

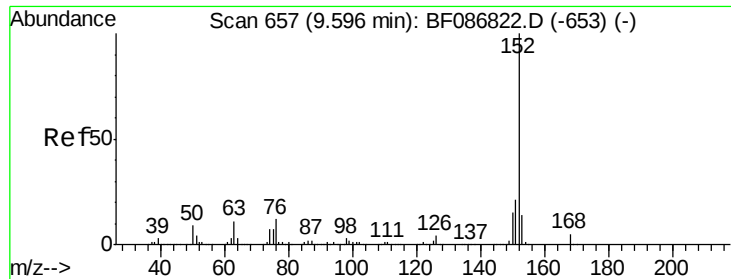
Tgt Ion:330 Resp: 277153
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 42.4 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 77.25 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.09 min
 Lab File: BF087076.D
 Acq: 16 May 2016 12:47

Tgt Ion:172 Resp: 1390709
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.5 19.8 29.8





#48

Acenaphthylene

Concen: 2.17 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.09 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

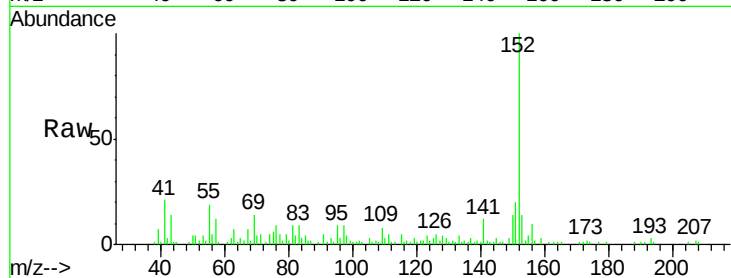
Tgt Ion:152 Resp: 60060

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

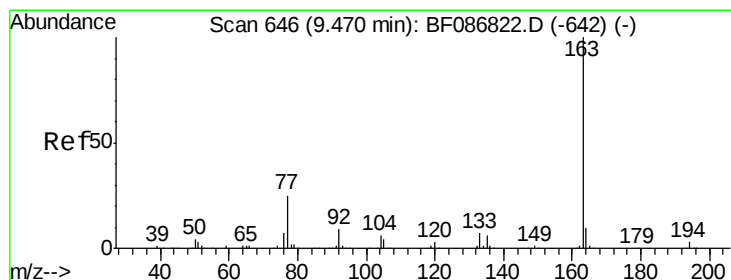
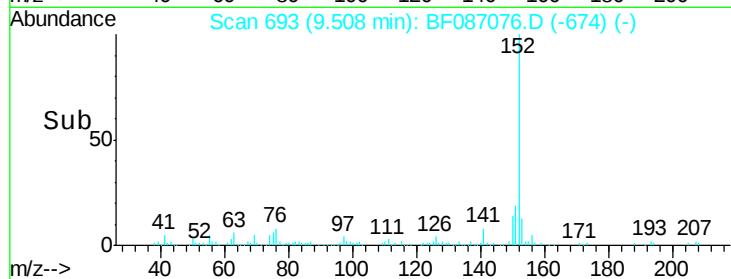
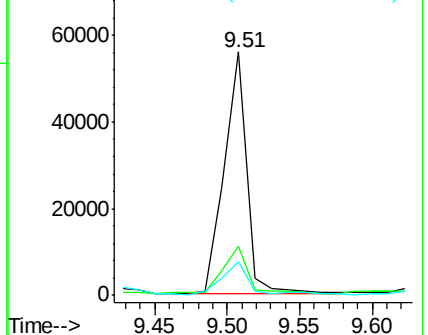
153 14.1 10.9 16.3



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: 6.47 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.10 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

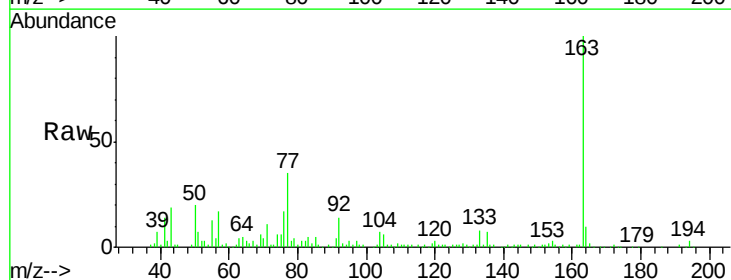
Tgt Ion:163 Resp: 149370

Ion Ratio Lower Upper

163 100

194 2.6 2.6 4.0#

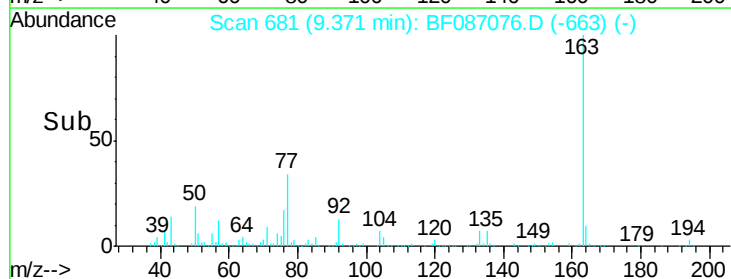
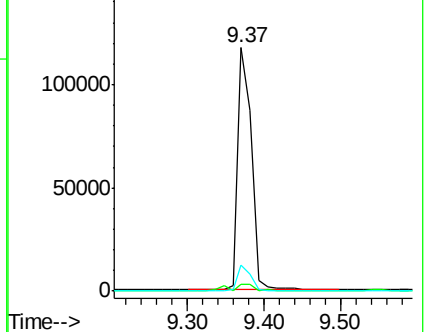
164 10.4 8.2 12.4

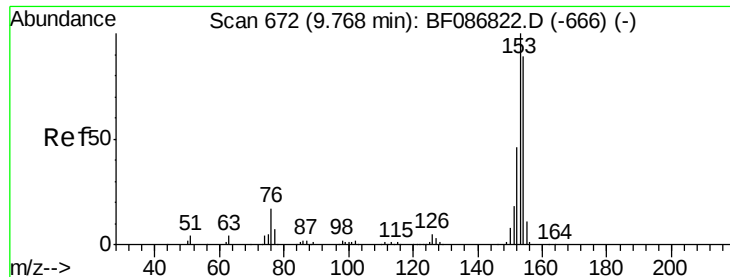


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 8.10 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.09 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

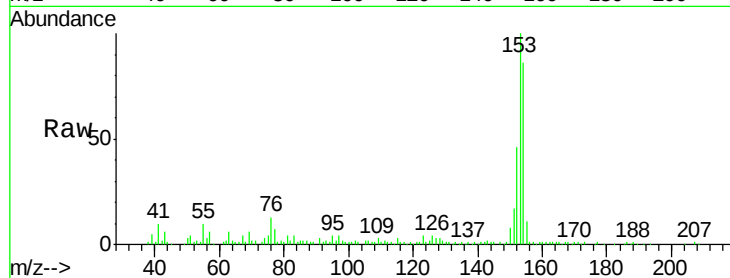
Tgt Ion:154 Resp: 139650

Ion Ratio Lower Upper

154 100

153 116.3 89.8 134.6

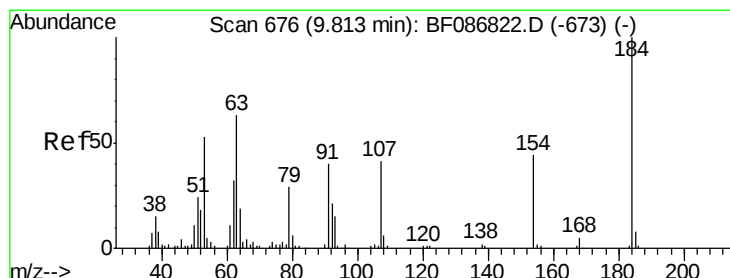
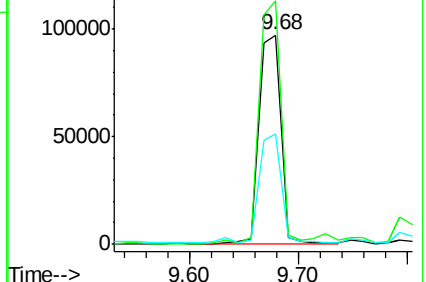
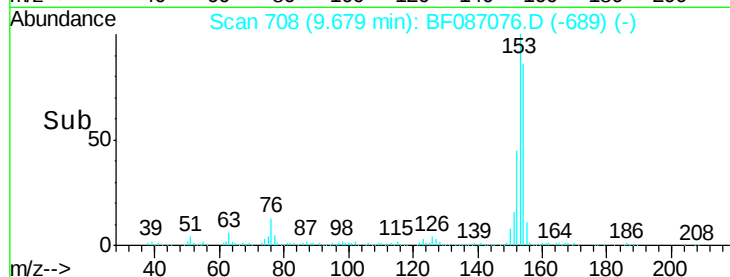
152 53.0 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 8.02 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.12 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

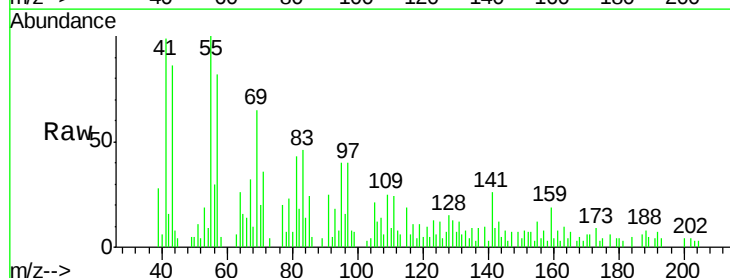
Tgt Ion:184 Resp: 899

Ion Ratio Lower Upper

184 100

63 114.7 55.8 83.8#

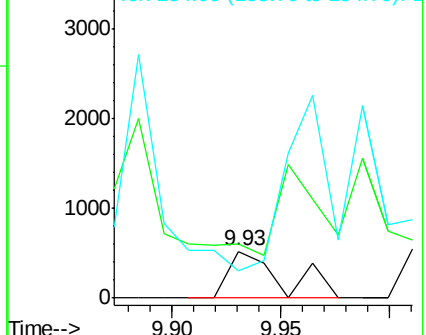
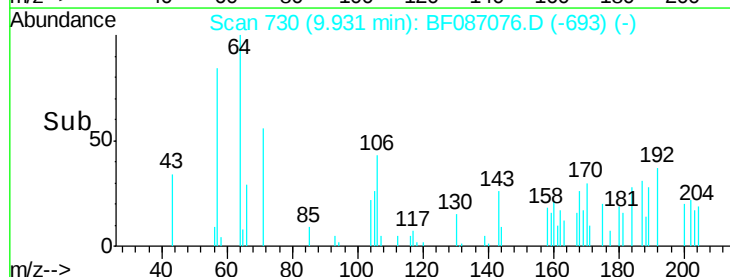
154 59.5 62.4 93.6#

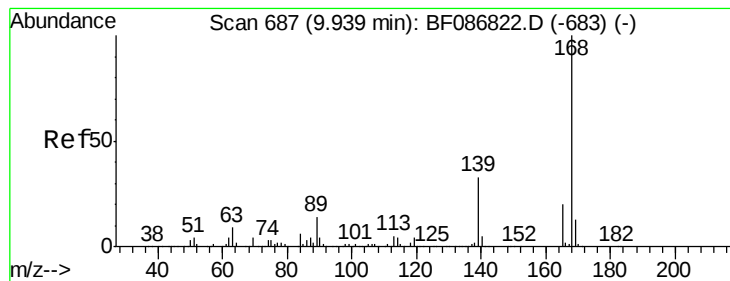


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 4.65 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.09 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampled :

E-13(5.5-6)

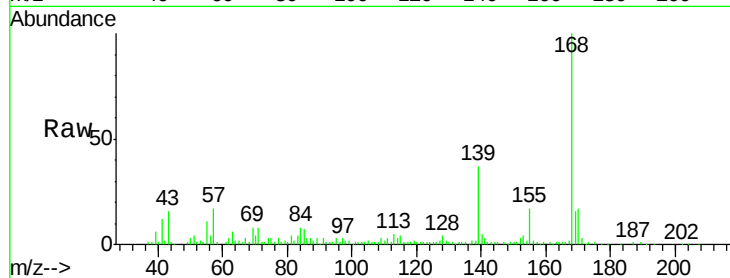
Tgt Ion:168 Resp: 102864

Ion Ratio Lower Upper

168 100

139 37.5 31.4 47.0

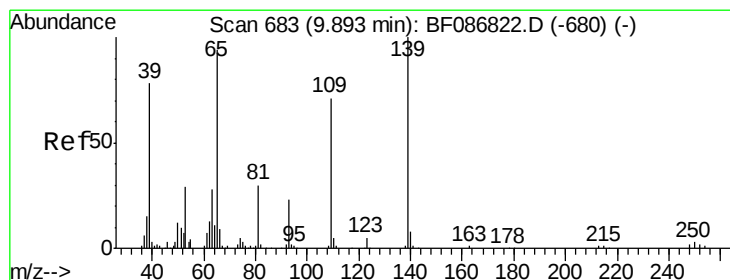
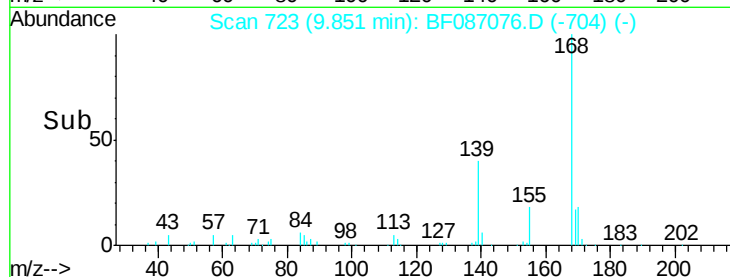
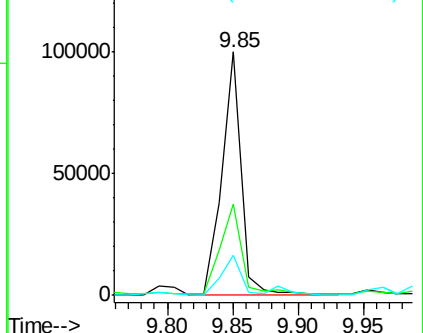
169 16.4 10.7 16.1#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 16.46 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.04 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

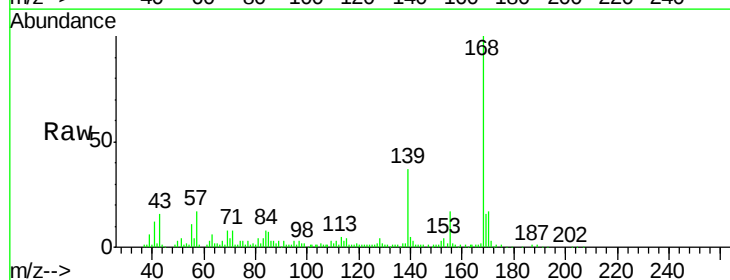
Tgt Ion:139 Resp: 43044

Ion Ratio Lower Upper

139 100

109 7.4 36.9 76.9#

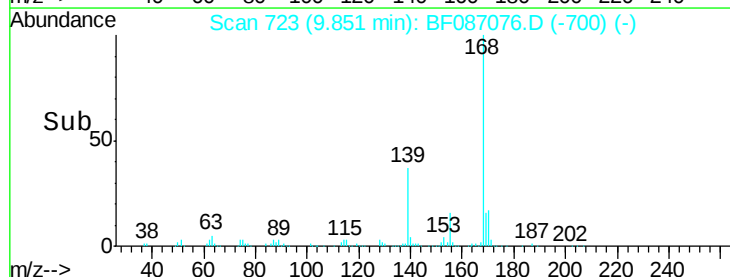
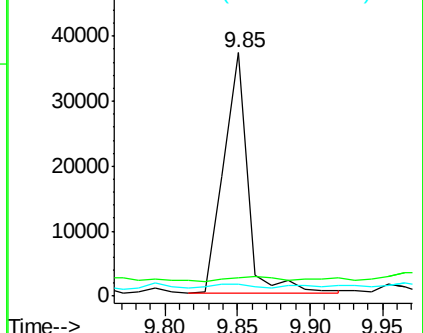
65 4.8 64.0 104.0#

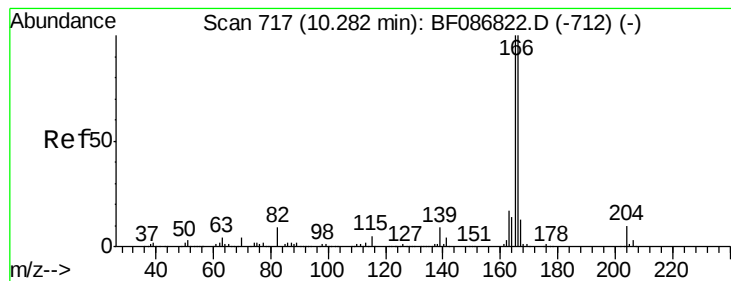


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 3.70 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.10 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

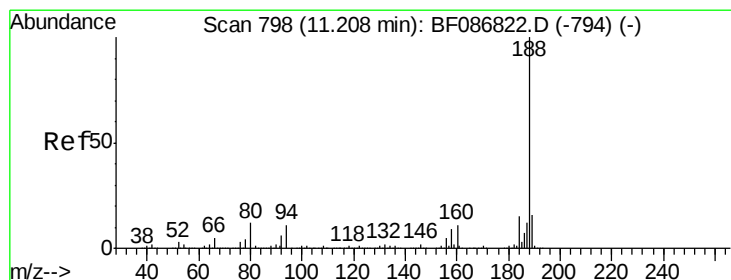
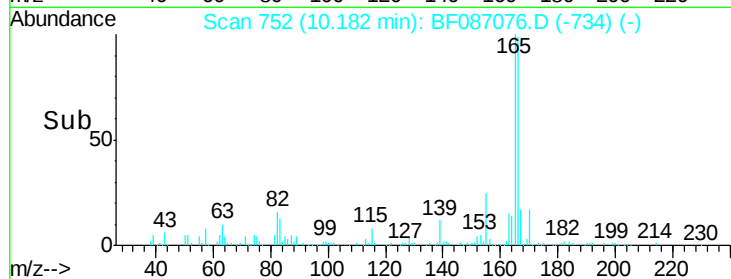
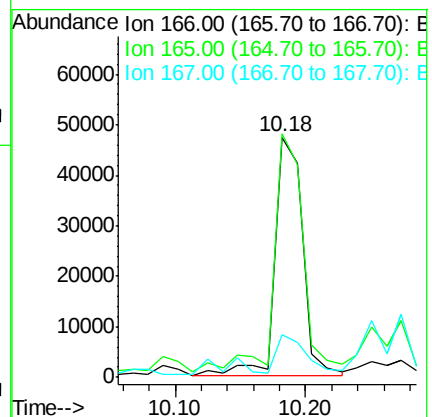
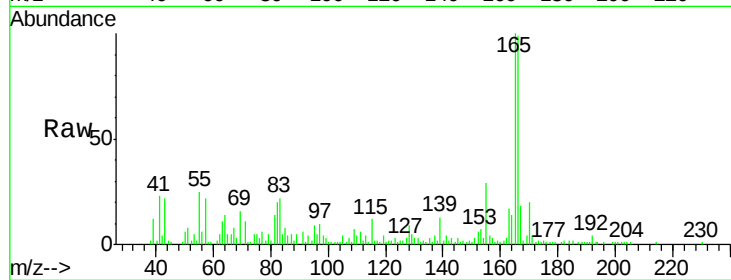
Tgt Ion:166 Resp: 69963

Ion Ratio Lower Upper

166 100

165 101.5 79.0 118.6

167 17.8 10.6 15.8#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

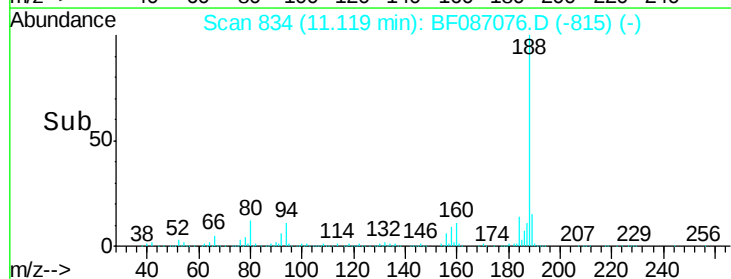
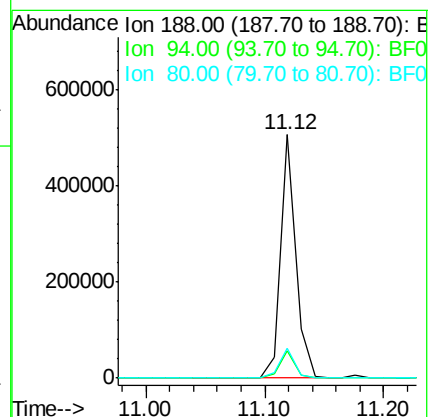
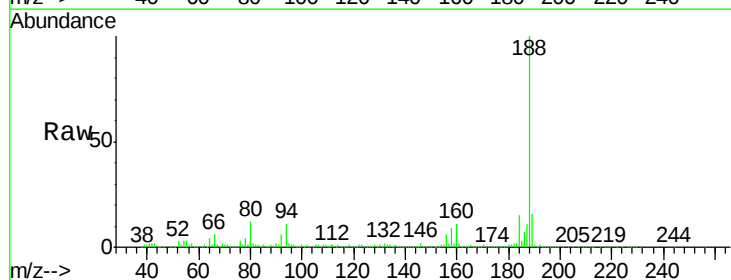
Tgt Ion:188 Resp: 453682

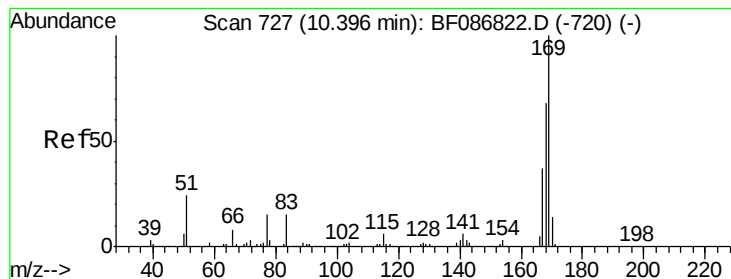
Ion Ratio Lower Upper

188 100

94 11.3 6.8 10.2#

80 12.3 7.1 10.7#





#65

n-Nitrosodiphenylamine

Concen: 2.31 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.09 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

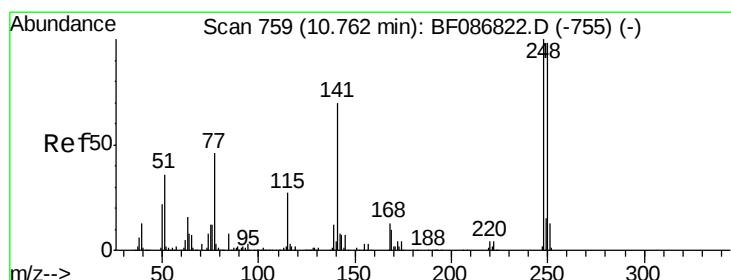
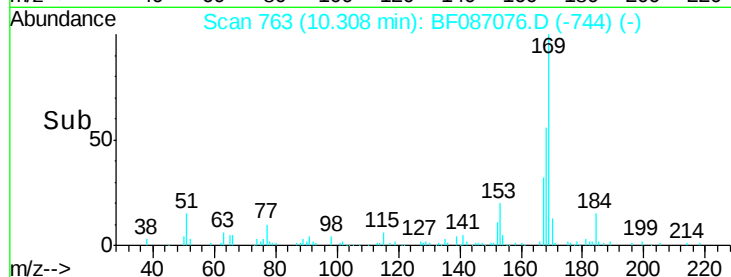
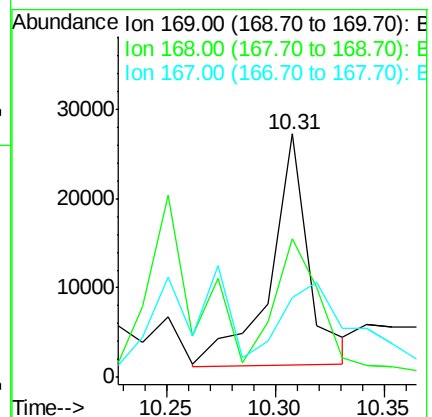
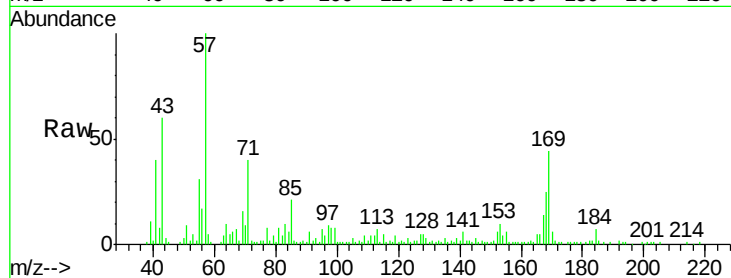
Tgt Ion:169 Resp: 32190

Ion Ratio Lower Upper

169 100

168 57.1 53.8 80.6

167 32.9 29.5 44.3



#66

4-Bromophenyl-phenylether

Concen: 4.01 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

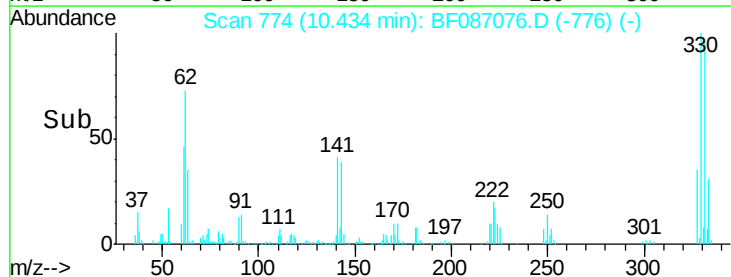
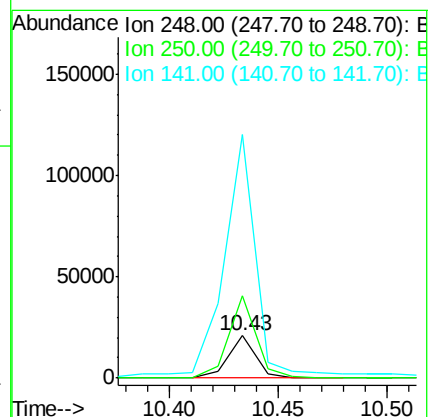
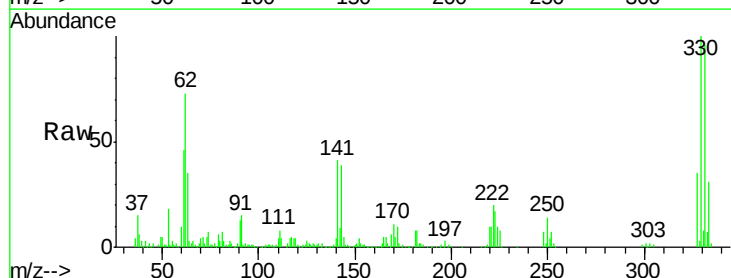
Tgt Ion:248 Resp: 18468

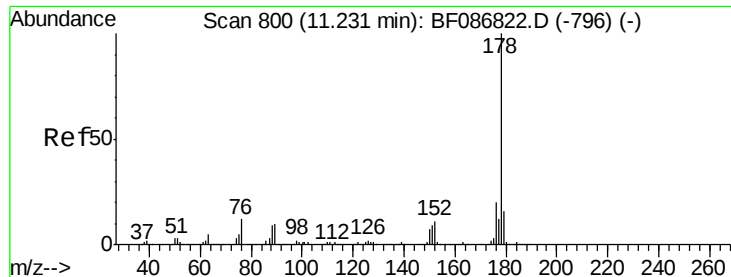
Ion Ratio Lower Upper

248 100

250 194.7 78.6 117.8#

141 573.2 76.0 114.0#

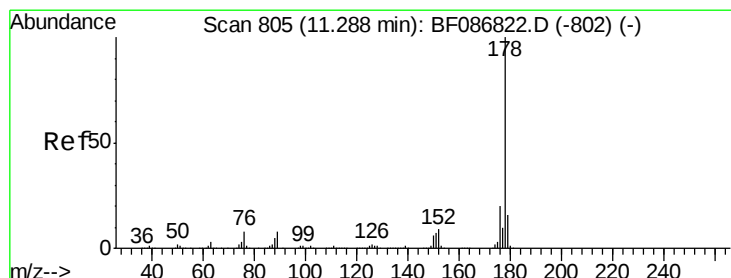
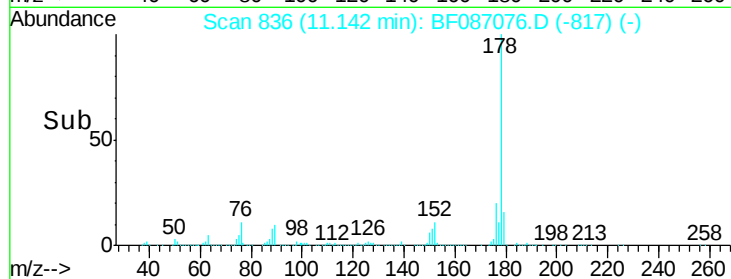
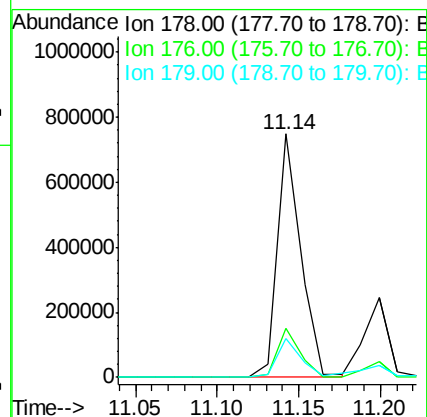
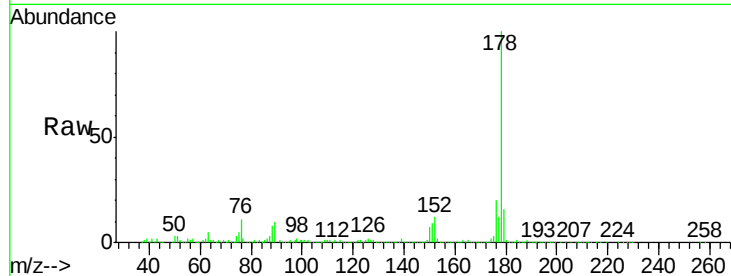




#70
Phenanthrene
Concen: 31.06 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.09 min
Lab File: BF087076.D
Acq: 16 May 2016 12:47

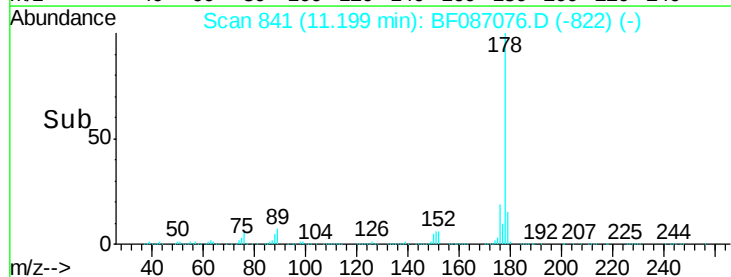
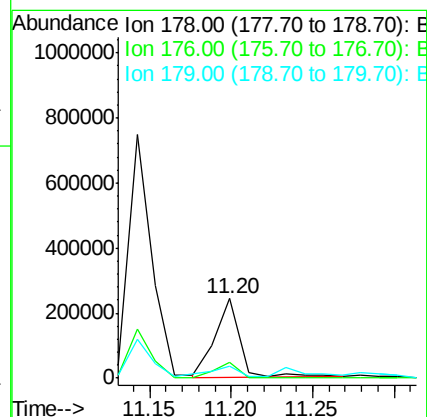
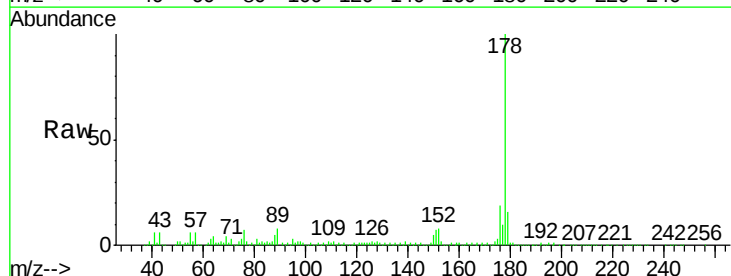
Instrument :
BNA_F
ClientSampleId :
E-13(5.5-6)

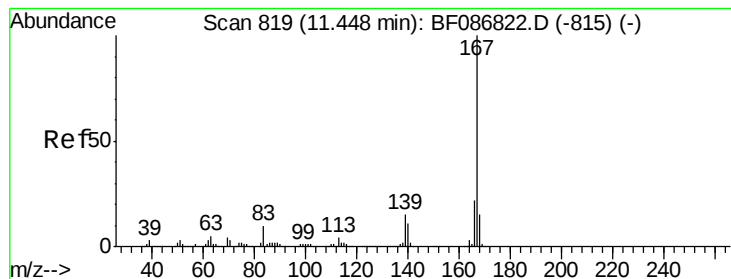
Tgt Ion:178 Resp: 752010
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 16.0 12.6 18.8



#71
Anthracene
Concen: 10.20 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.09 min
Lab File: BF087076.D
Acq: 16 May 2016 12:47

Tgt Ion:178 Resp: 252562
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.6 12.7 19.1





#72

Carbazole

Concen: 3.06 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.09 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

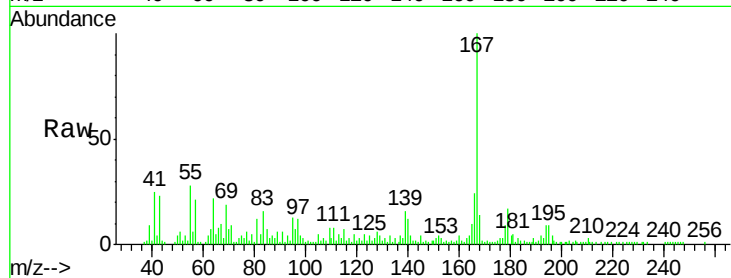
Tgt Ion:167 Resp: 65153

Ion Ratio Lower Upper

167 100

166 23.6 17.7 26.5

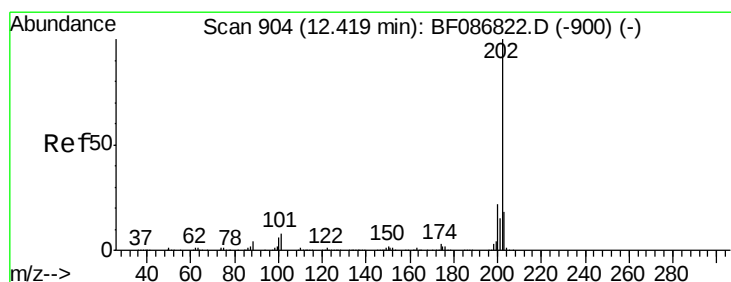
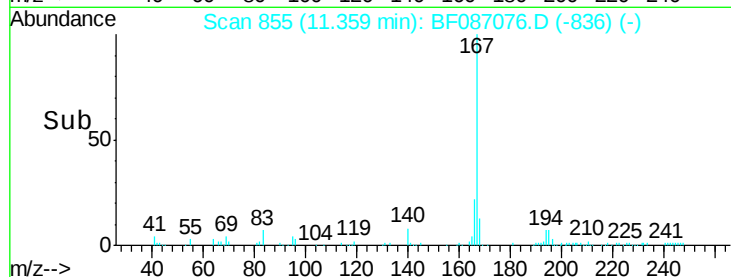
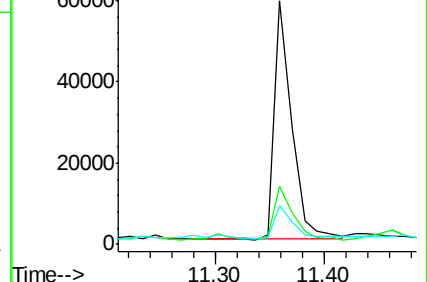
139 16.1 10.8 16.2



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: 46.35 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.09 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

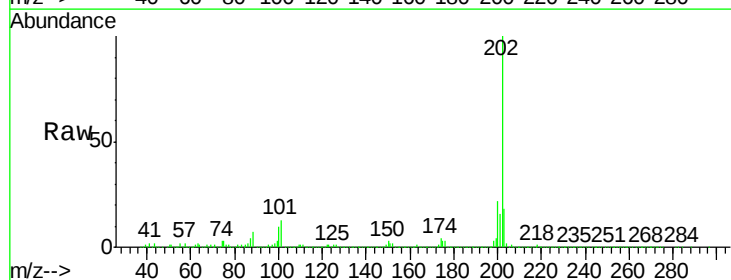
Tgt Ion:202 Resp: 1154209

Ion Ratio Lower Upper

202 100

101 13.5 0.0 35.4

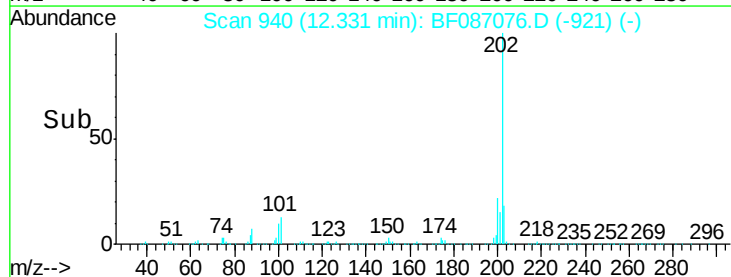
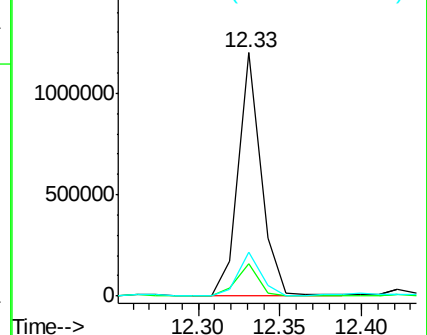
203 18.3 0.0 38.1

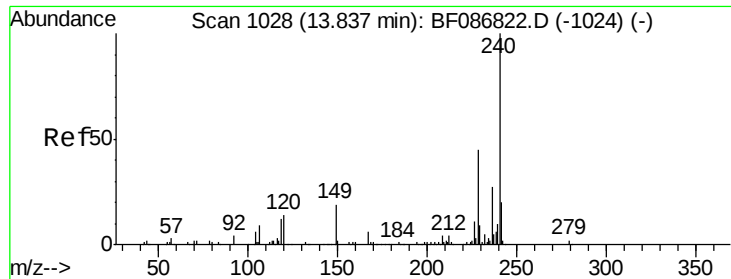


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

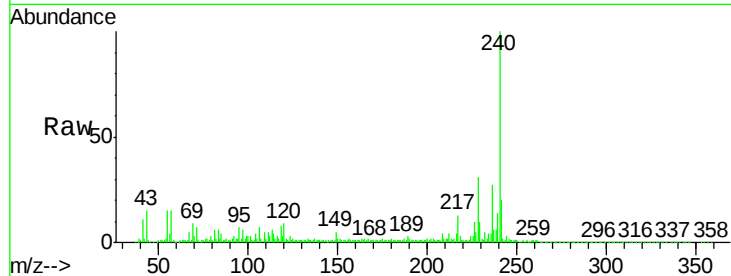
Tgt Ion:240 Resp: 359991

Ion Ratio Lower Upper

240 100

120 9.2 11.2 16.8#

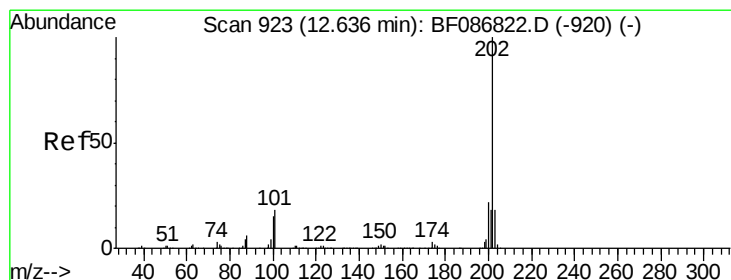
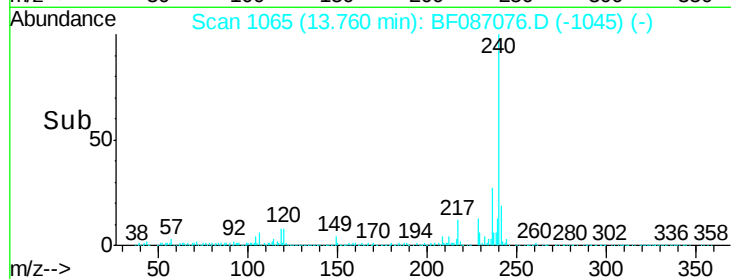
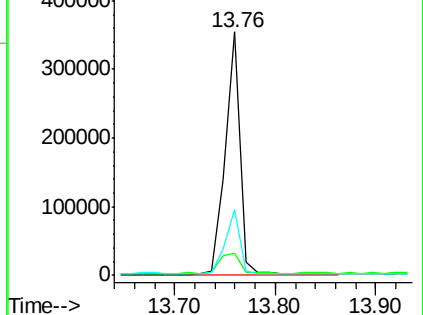
236 26.9 21.2 31.8



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: 41.89 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

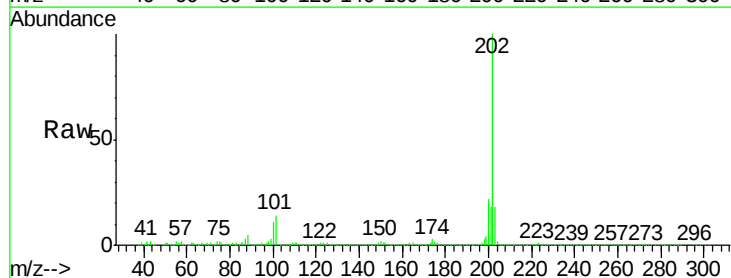
Tgt Ion:202 Resp: 1154534

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

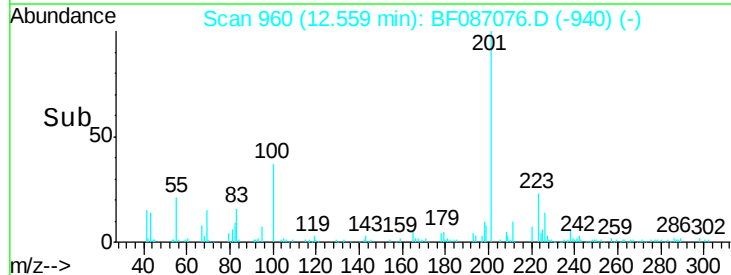
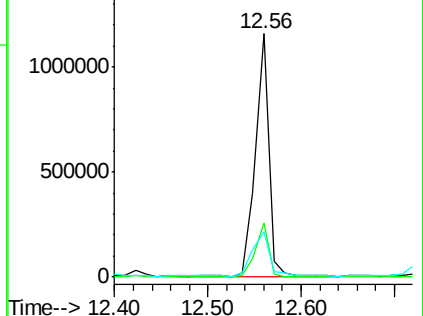
203 18.3 14.2 21.4

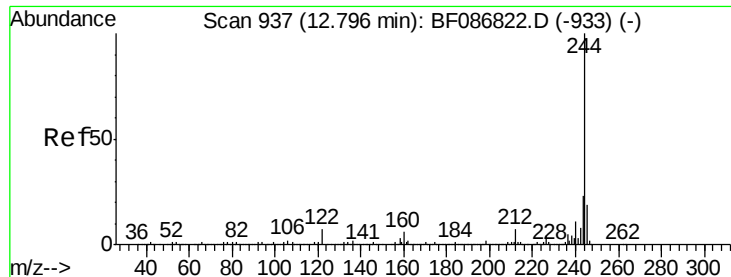


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 55.21 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampled :

E-13(5.5-6)

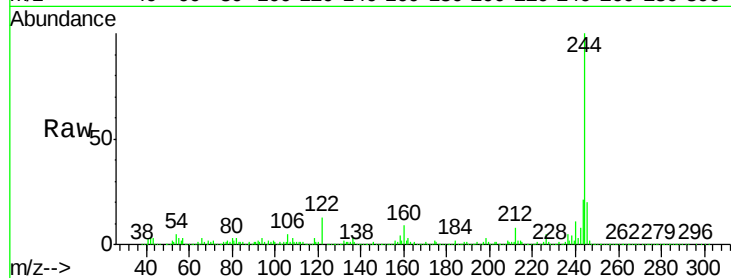
Tgt Ion:244 Resp: 936702

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

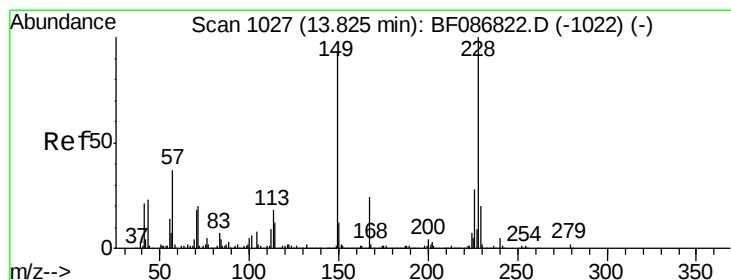
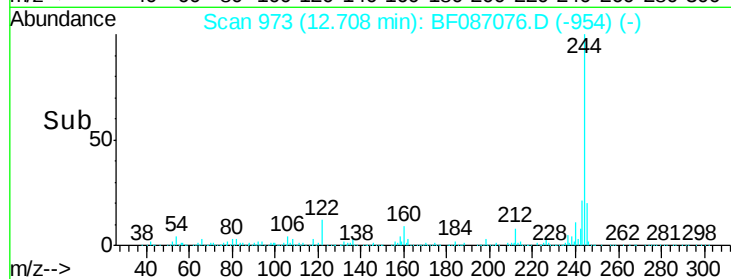
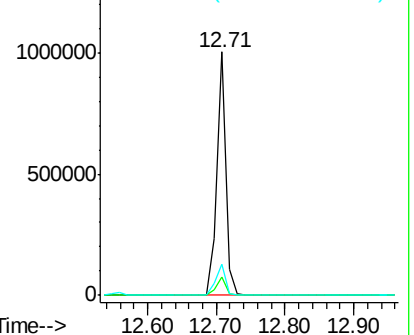
122 12.6 12.0 18.0



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: 30.93 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

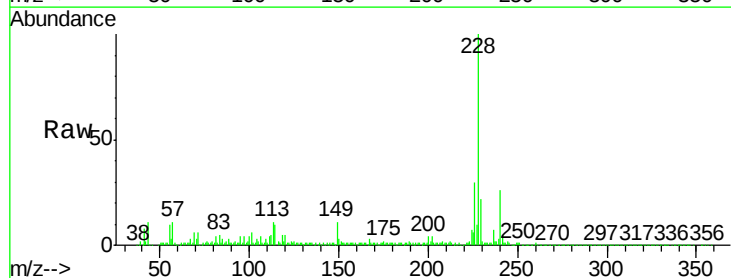
Tgt Ion:228 Resp: 625036

Ion Ratio Lower Upper

228 100

226 29.8 22.5 33.7

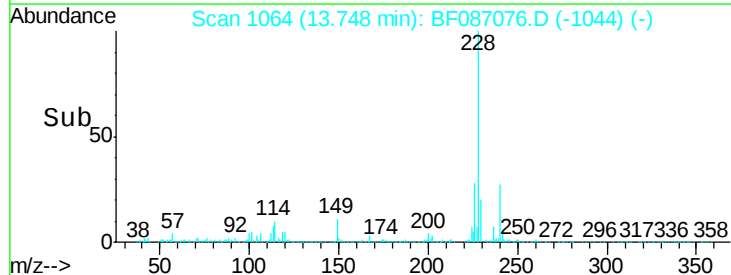
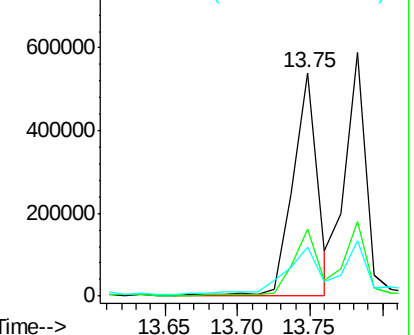
229 21.8 16.6 25.0

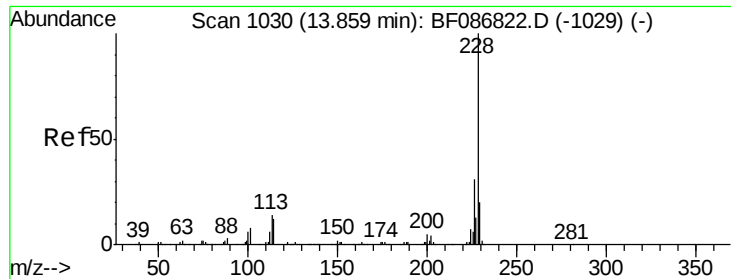


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 30.41 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.11 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

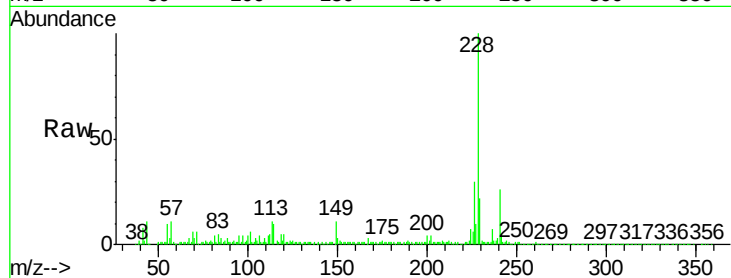
Tgt Ion:228 Resp: 625036

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

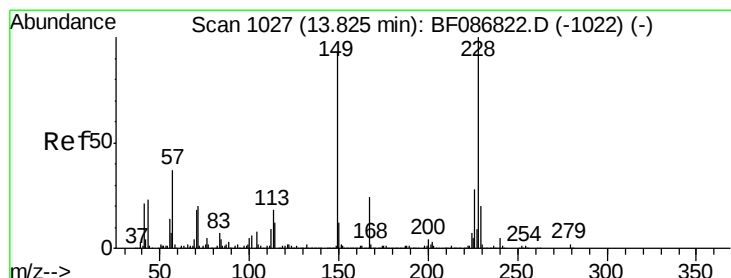
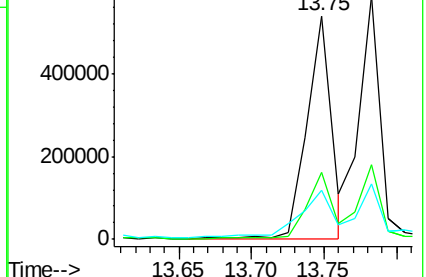
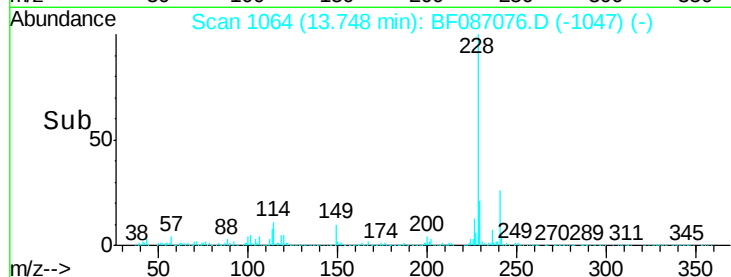
229 21.8 15.8 23.8



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.85 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

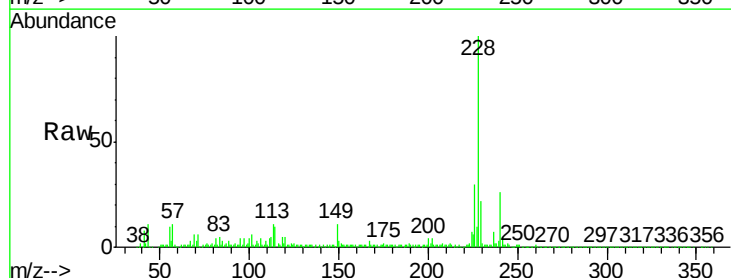
Tgt Ion:149 Resp: 53962

Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

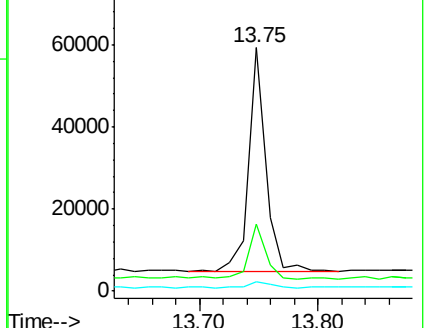
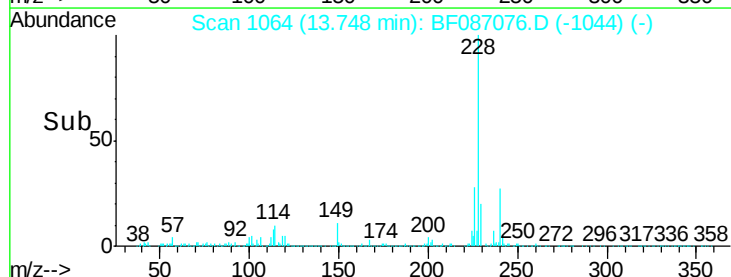
279 3.6 2.6 4.0

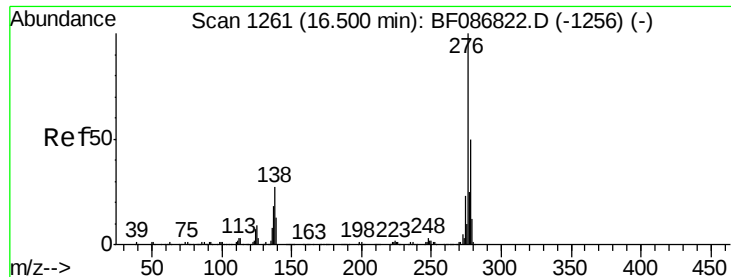


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

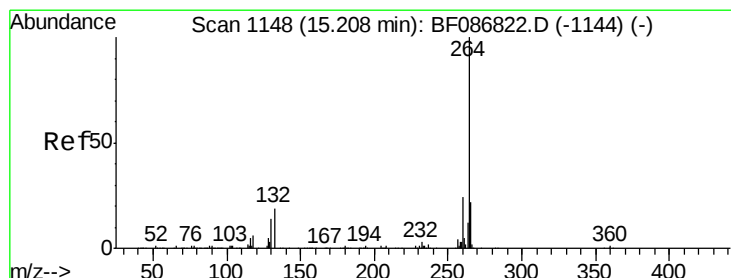
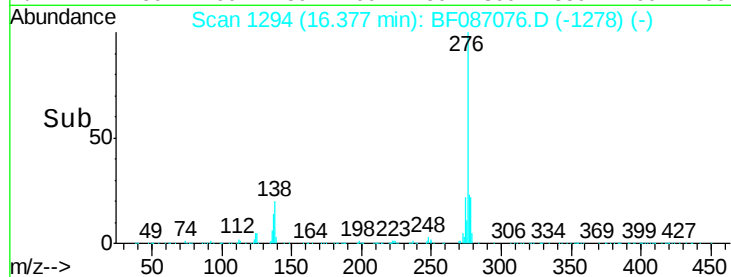
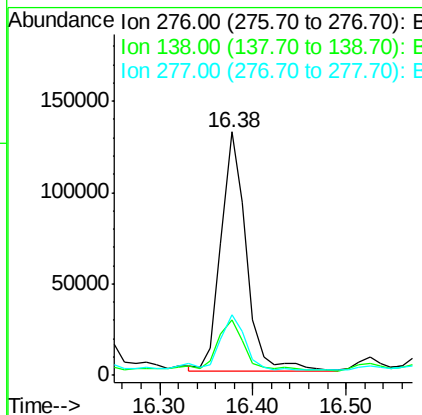
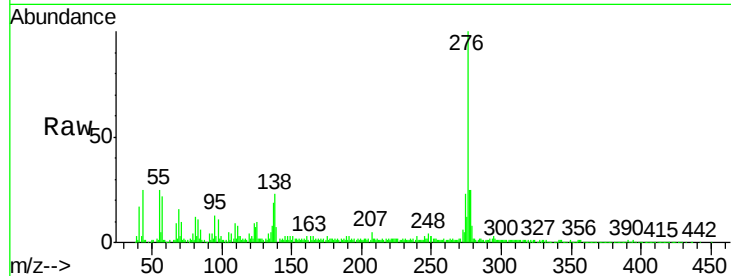




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 14.41 ng
 RT: 16.38 min Scan# 1294
 Delta R.T. -0.12 min
 Lab File: BF087076.D
 Acq: 16 May 2016 12:47

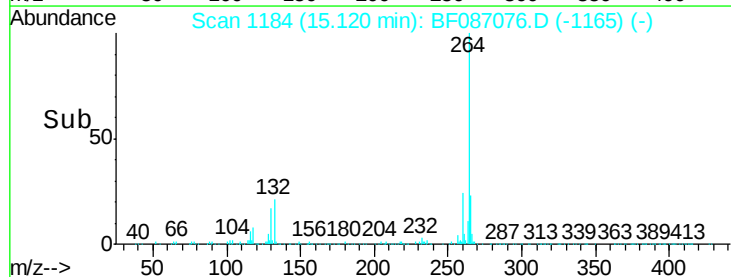
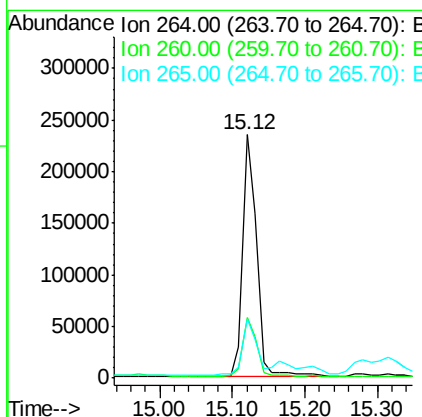
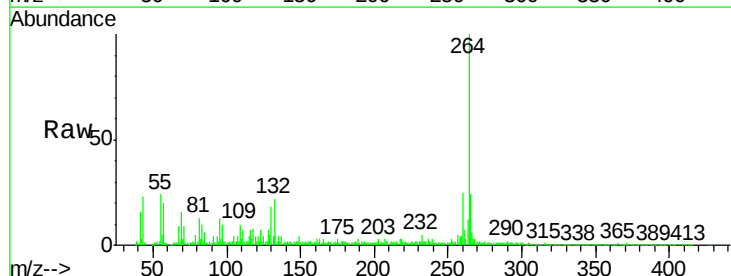
Instrument :
 BNA_F
 ClientSampleId :
 E-13(5.5-6)

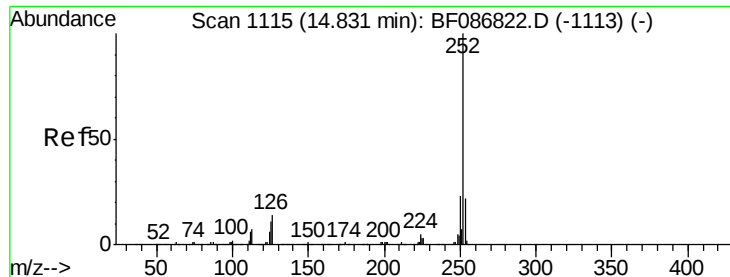
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.6	38.4#
277	26.0	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.09 min
 Lab File: BF087076.D
 Acq: 16 May 2016 12:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	24.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 42.02 ng

RT: 14.75 min Scan# 1152

Delta R.T. -0.08 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

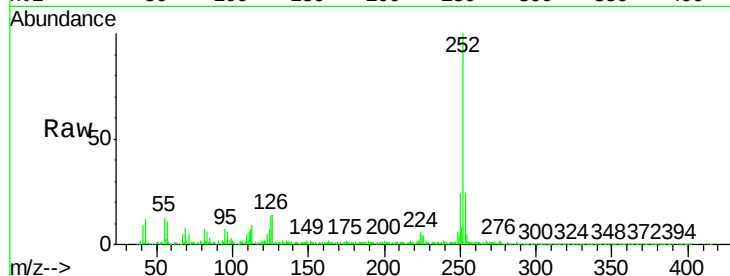
Tgt Ion:252 Resp: 854630

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.6

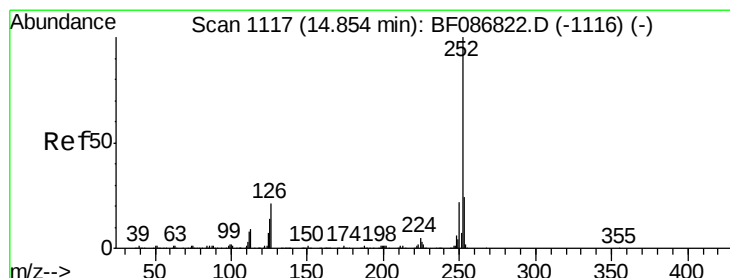
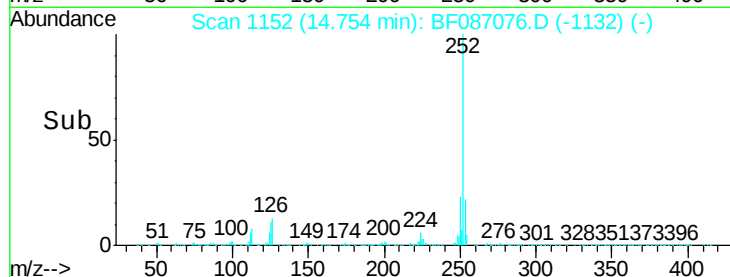
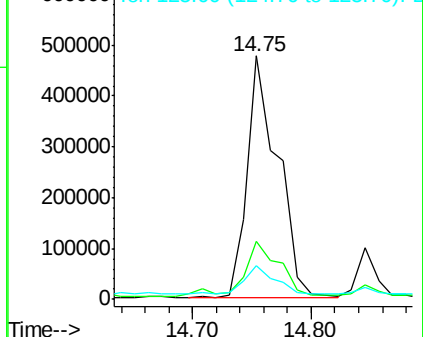
125 13.7 11.4 17.0



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



#88

Benzo(k)fluoranthene

Concen: 51.31 ng

RT: 14.75 min Scan# 1152

Delta R.T. -0.10 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

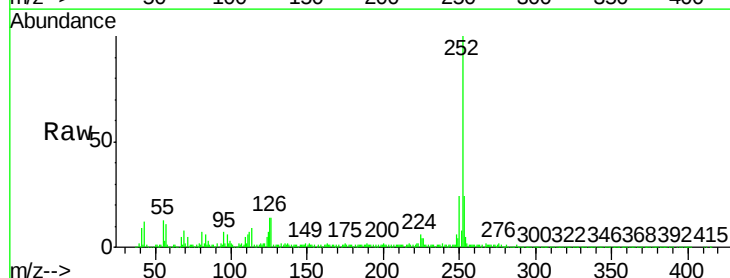
Tgt Ion:252 Resp: 854630

Ion Ratio Lower Upper

252 100

253 23.8 17.8 26.6

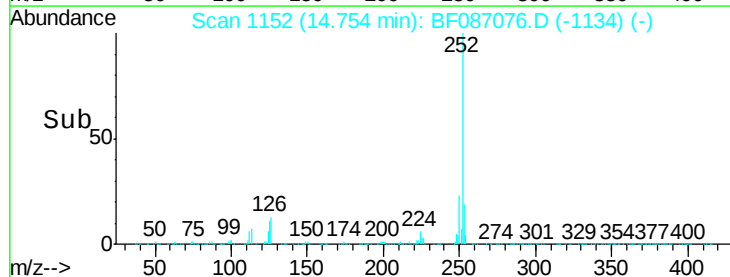
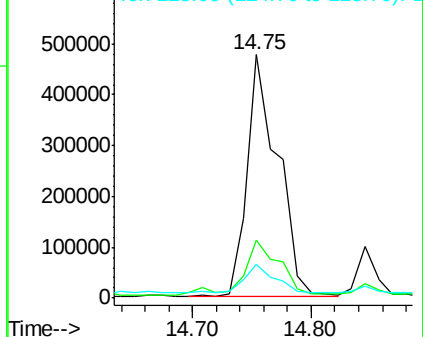
125 13.7 9.1 13.7#

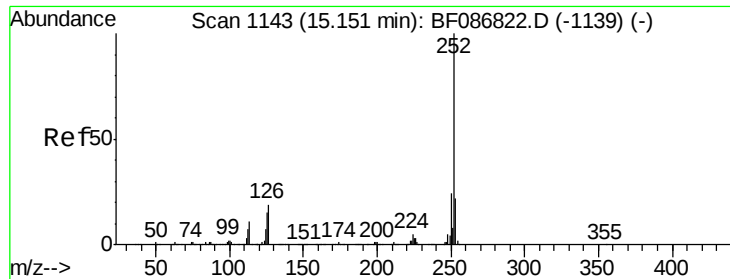


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 25.83 ng

RT: 15.07 min Scan# 1180

Delta R.T. -0.08 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

Instrument :

BNA_F

ClientSampleId :

E-13(5.5-6)

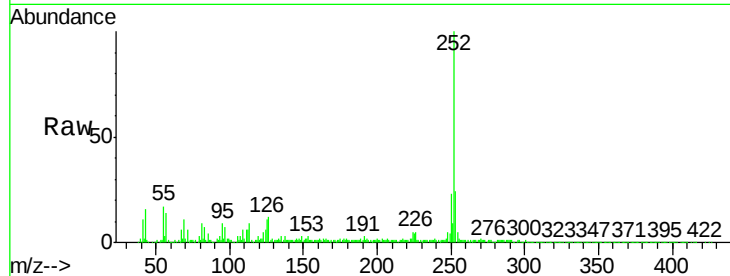
Tgt Ion:252 Resp: 453252

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

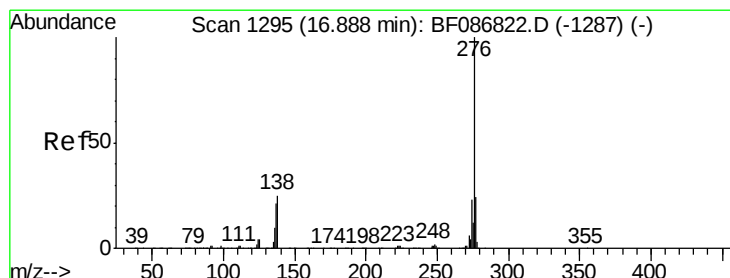
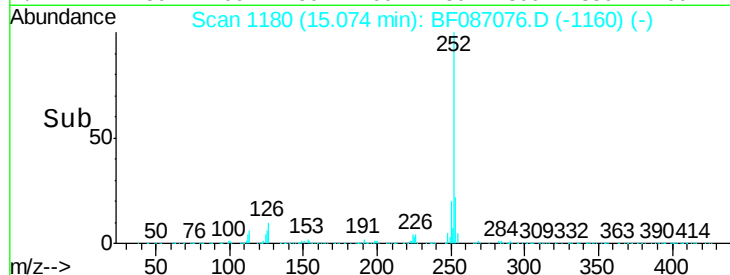
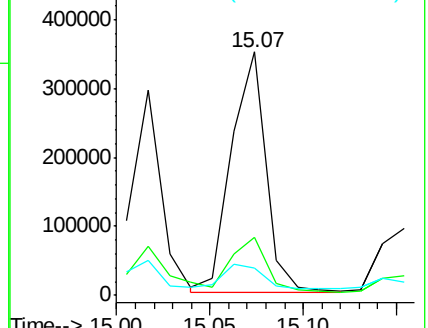
125 11.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 15.27 ng

RT: 16.75 min Scan# 1327

Delta R.T. -0.13 min

Lab File: BF087076.D

Acq: 16 May 2016 12:47

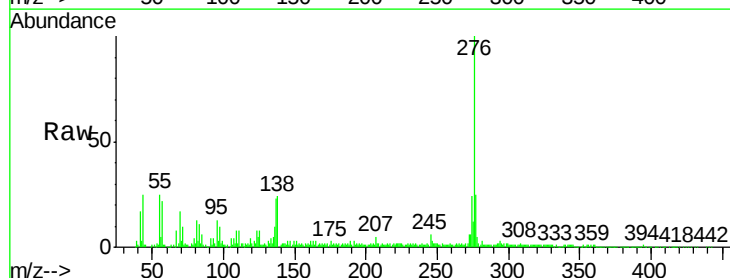
Tgt Ion:276 Resp: 229395

Ion Ratio Lower Upper

276 100

277 25.4 19.6 29.4

138 24.3 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

