

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051616\
 Data File : BF087081.D
 Acq On : 16 May 2016 15:07
 Operator : UM/SJ
 Sample : H2994-03RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1335-00(0-3)RE

Quant Time: May 17 00:52:54 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	462184	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	555053	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	222273	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	335145	20.00	ng	-0.09
75) Chrysene-d12	13.76	240	251689	20.00	ng	-0.08
86) Perylene-d12	15.13	264	235015	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	939325	34.42	ng	-0.09
7) Phenol-d6	6.28	99	1388947	38.08	ng	-0.08
23) Nitrobenzene-d5	7.19	82	886084	80.16	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	216712	92.10	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1258735	95.18	ng	-0.08
78) Terphenyl-d14	12.71	244	882409	74.39	ng	-0.09

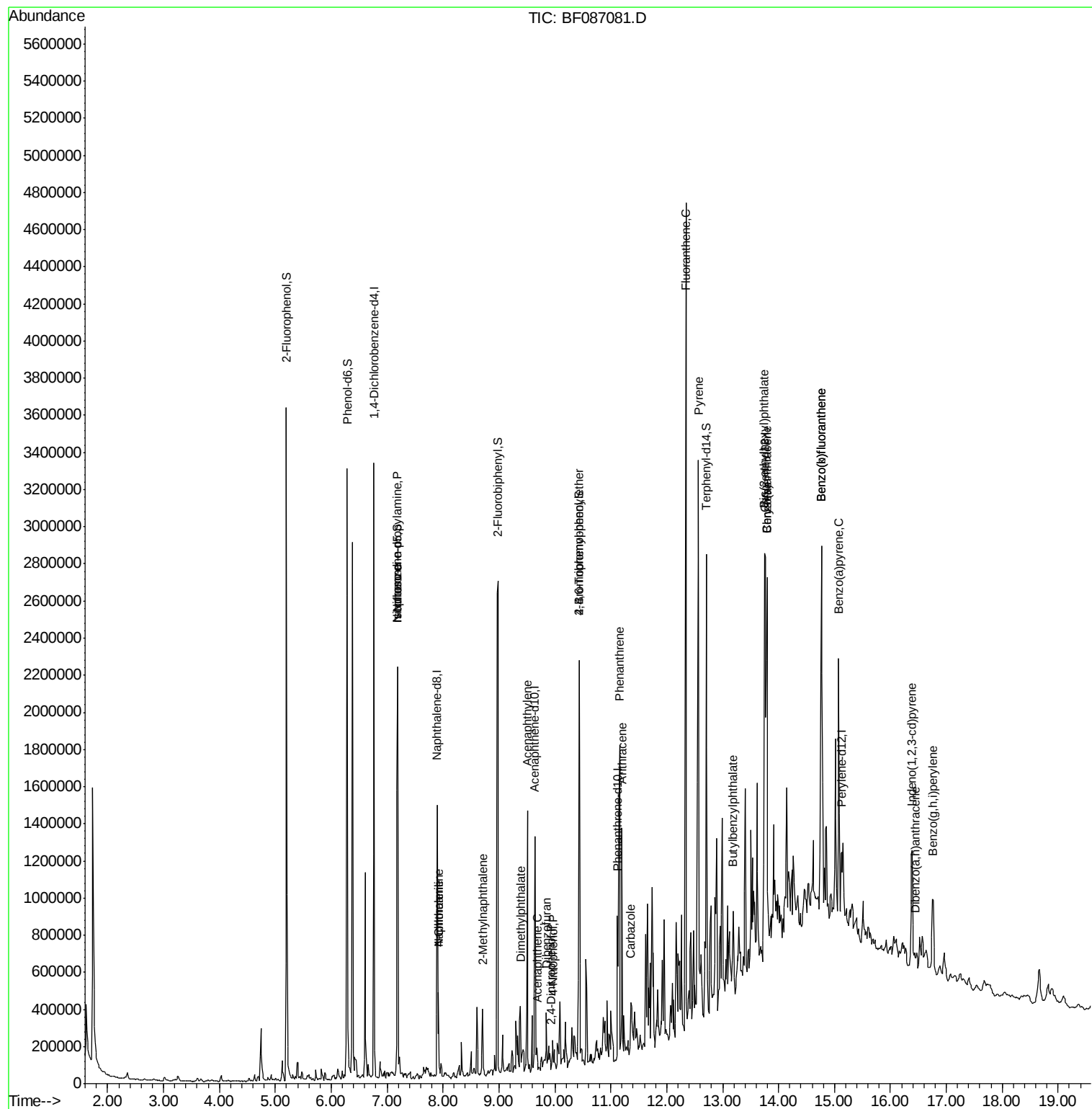
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	130899	5.14	ng	# 79
25) Isophorone	7.19	82	837911	40.85	ng	# 68
31) Naphthalene	7.92	128	190244	6.84	ng	# 99
33) 4-Chloroaniline	7.92	127	24610	2.28	ng	# 38
37) 2-Methylnaphthalene	8.71	142	88485	5.44	ng	# 96
48) Acenaphthylene	9.51	152	547375	26.87	ng	# 99
49) Dimethylphthalate	9.38	163	83228	4.91	ng	# 98
51) Acenaphthene	9.68	154	25991	2.05	ng	# 99
53) 2,4-Dinitrophenol	9.93	184	757	8.07	ng	# 35
54) Dibenzofuran	9.85	168	67378	4.14	ng	# 95
55) 4-Nitrophenol	9.96	139	4219	6.15	ng	# 84
60) 4-Chlorophenyl-phenylether	10.02	204	226	Below Cal		# 5
66) 4-Bromophenyl-phenylether	10.43	248	13931	4.10	ng	# 1
70) Phenanthrene	11.15	178	887623	49.63	ng	# 99
71) Anthracene	11.20	178	457456	25.01	ng	# 99
72) Carbazole	11.36	167	133710	8.50	ng	# 97
74) Fluoranthene	12.34	202	1893597	102.94	ng	# 96
77) Pyrene	12.57	202	1724429	89.49	ng	# 100
79) Butylbenzylphthalate	13.19	149	73260	8.99	ng	# 74
80) Benzo(a)anthracene	13.79	228	922681	65.30	ng	# 94
82) Chrysene	13.79	228	923434	64.25	ng	# 96
83) Bis(2-ethylhexyl)phthalate	13.75	149	23322	2.38	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.39	276	390608	32.66	ng	# 91
87) Benzo(b)fluoranthene	14.77	252	1447953	94.80	ng	# 96
88) Benzo(k)fluoranthene	14.77	252	1447953	115.78	ng	# 97
89) Benzo(a)pyrene	15.07	252	633776	48.11	ng	# 94
90) Dibenzo(a,h)anthracene	16.45	278	48230	4.34	ng	# 84
91) Benzo(g,h,i)perylene	16.77	276	310569	27.53	ng	# 91

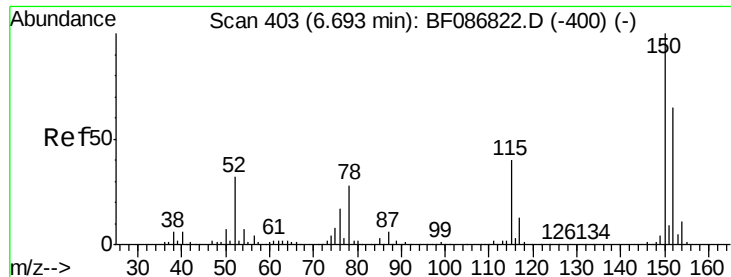
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087081.D

Acq: 16 May 2016 15:07

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)RE

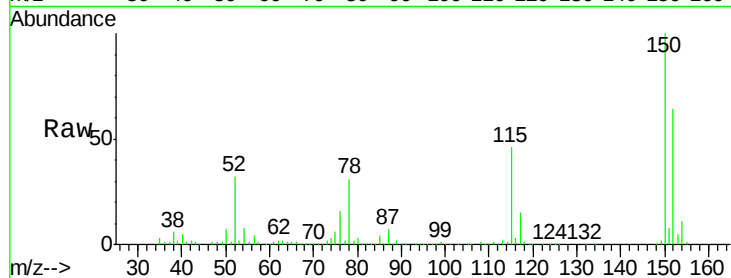
Tgt Ion:152 Resp: 462184

Ion Ratio Lower Upper

152 100

150 155.6 125.8 188.6

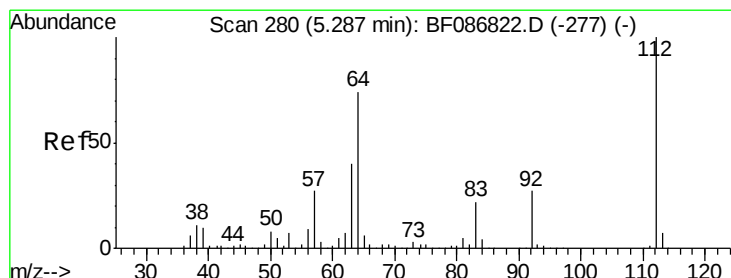
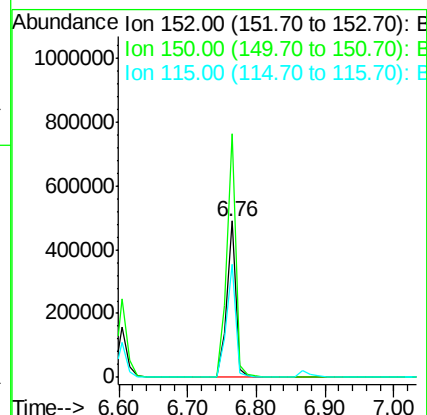
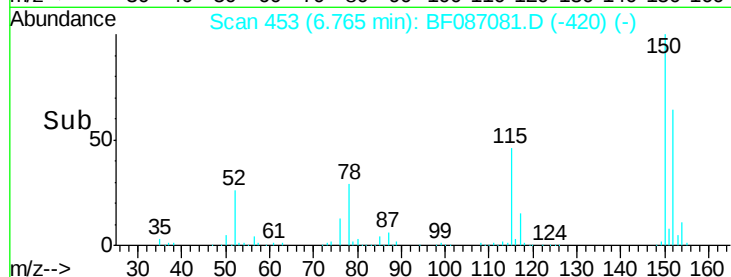
115 71.9 51.5 77.3



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: 34.42 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.09 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

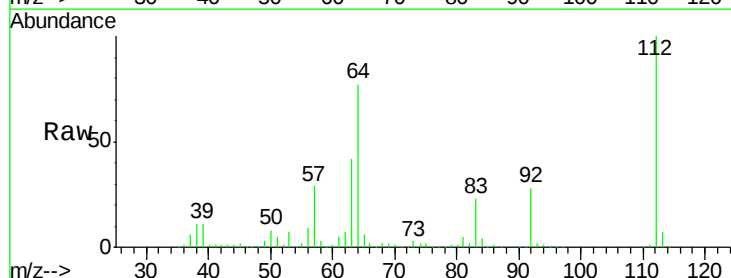
Tgt Ion:112 Resp: 939325

Ion Ratio Lower Upper

112 100

64 76.9 52.1 78.1

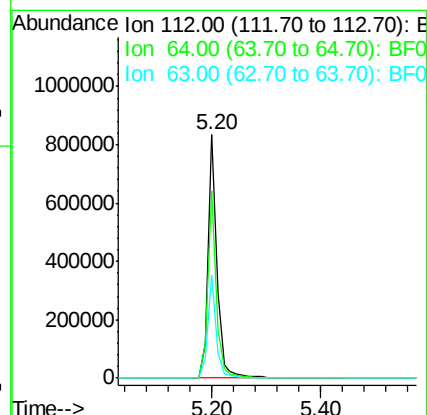
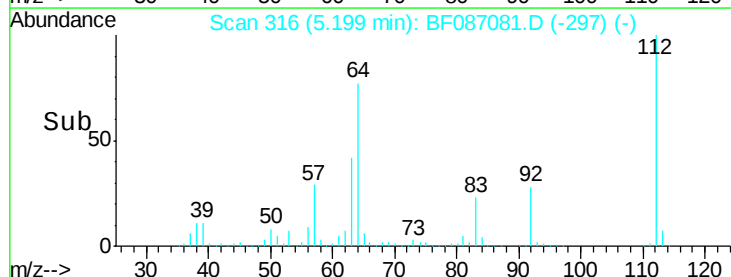
63 42.0 25.7 38.5

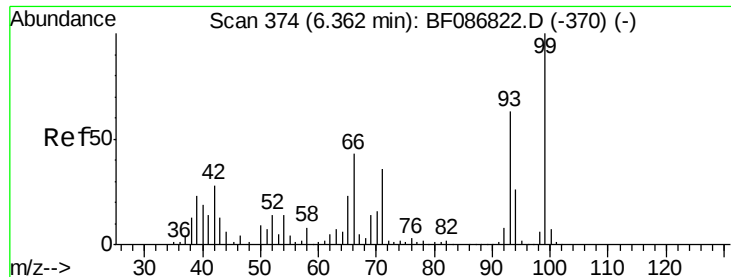


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.08 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

Instrument :

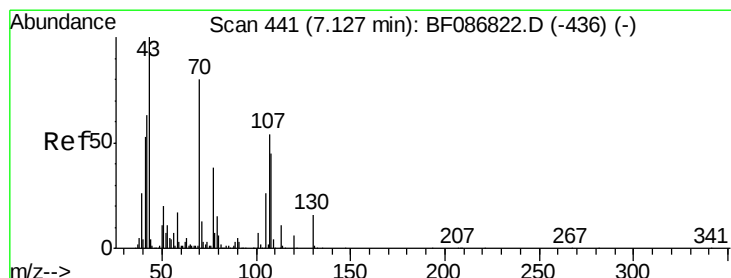
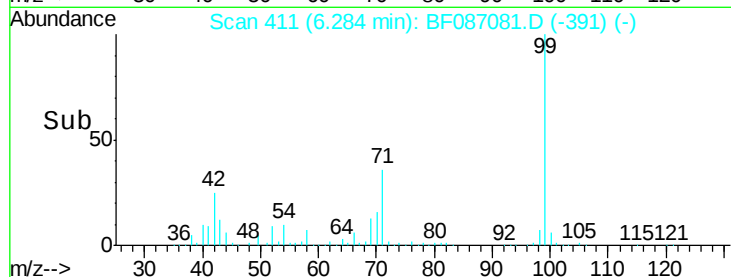
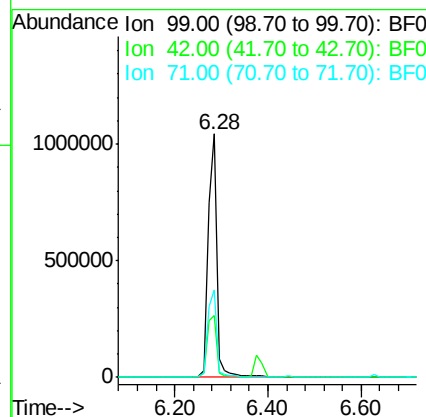
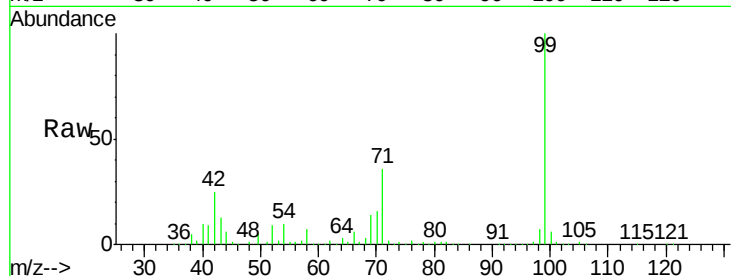
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Tgt Ion: 99 Resp: 1388947

Ion	Ratio	Lower	Upper
99	100		
42	25.2	13.6	20.4#
71	35.9	24.6	36.8



#19

n-Nitroso-di-n-propylamine

Concen: 5.14 ng

RT: 7.19 min Scan# 490

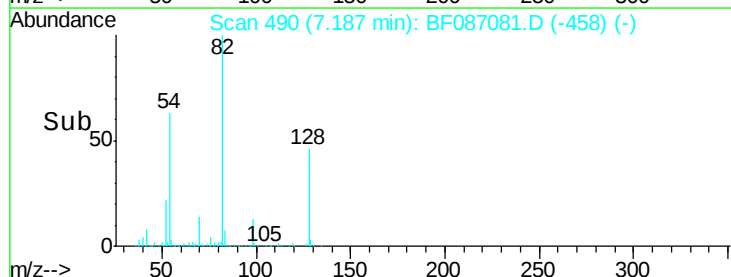
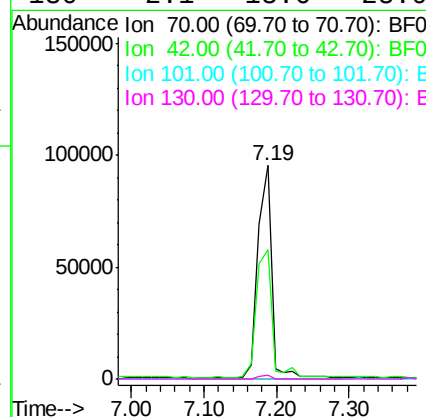
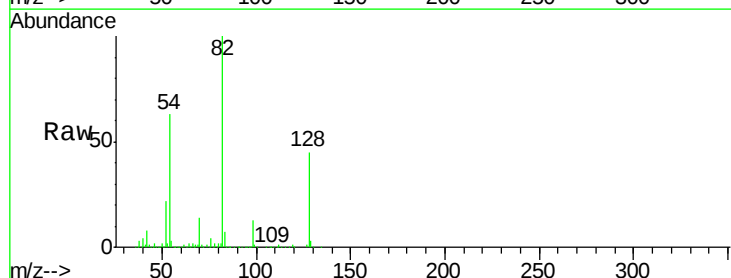
Delta R.T. 0.06 min

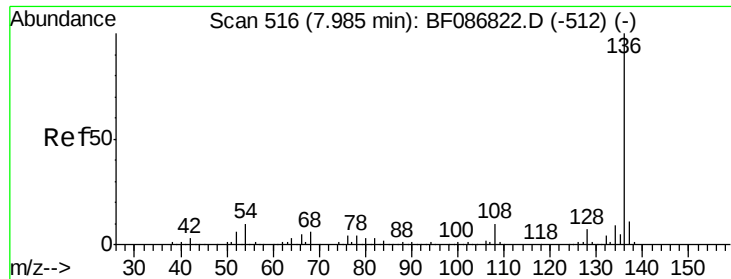
Lab File: BF087081.D

Acq: 16 May 2016 15:07

Tgt Ion: 70 Resp: 130899

Ion	Ratio	Lower	Upper
70	100		
42	60.7	43.1	64.7
101	0.0	8.1	12.1#
130	2.1	18.6	28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

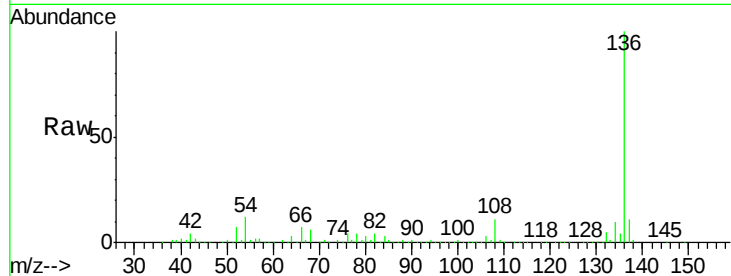
Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)RE

Tgt Ion:	136	Resp:	555053
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	11.8	5.0	7.4#
68	6.2	4.4	6.6

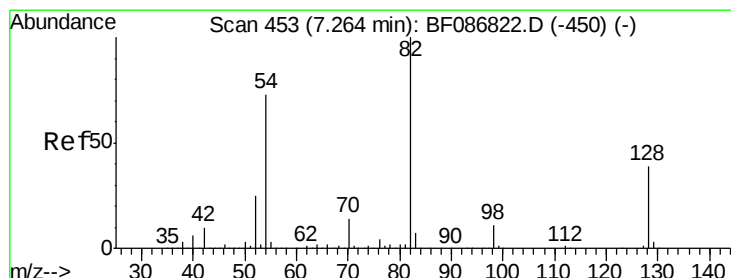
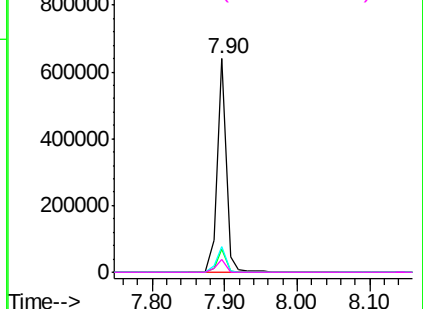
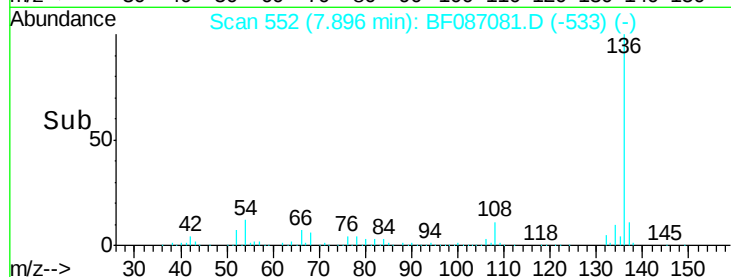


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.16 ng

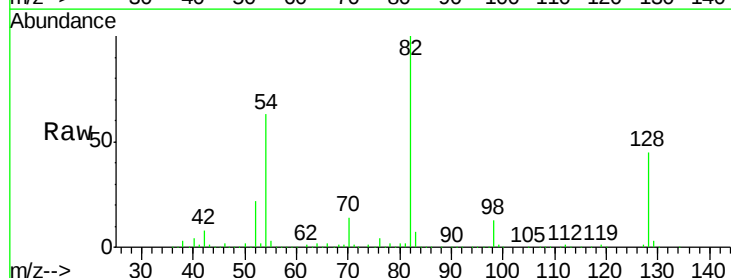
RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

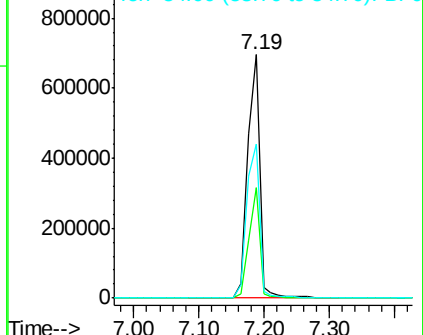
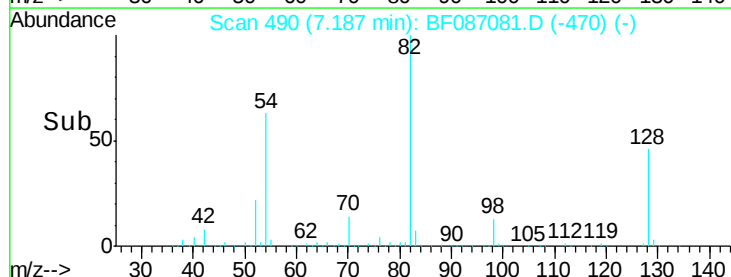
Tgt Ion:	82	Resp:	886084
Ion Ratio	Lower	Upper	
82	100		
128	45.5	40.6	61.0
54	63.0	38.1	57.1#

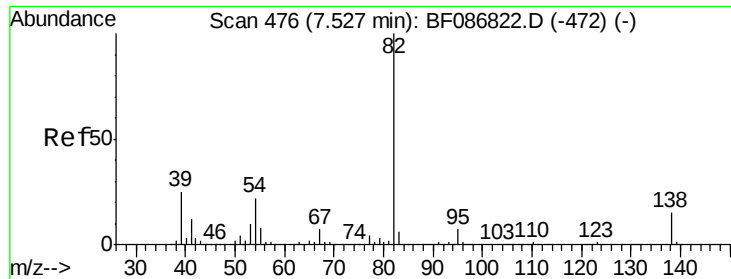


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.85 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

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BNA_F

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PM-STA-1335-00(0-3)RE

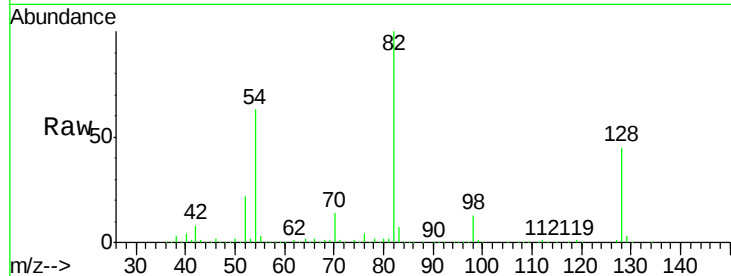
Tgt Ion: 82 Resp: 837911

Ion Ratio Lower Upper

82 100

95 0.1 5.1 7.7#

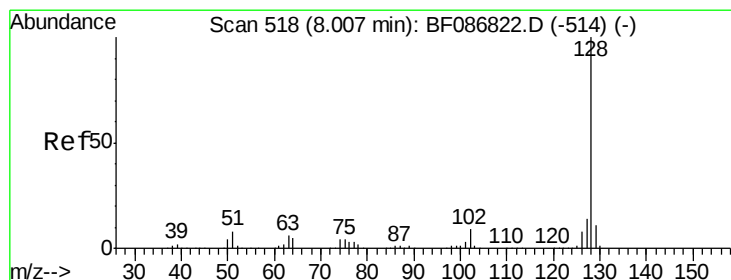
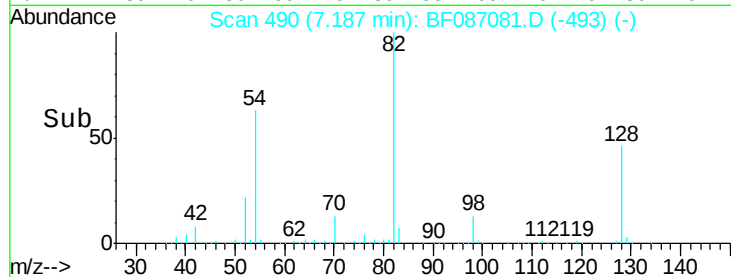
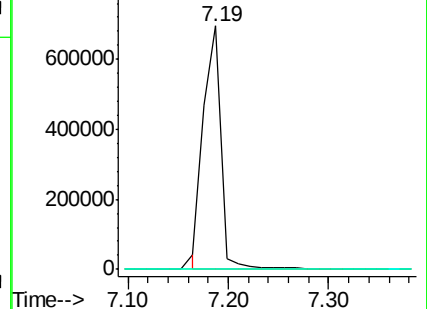
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 6.84 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.09 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

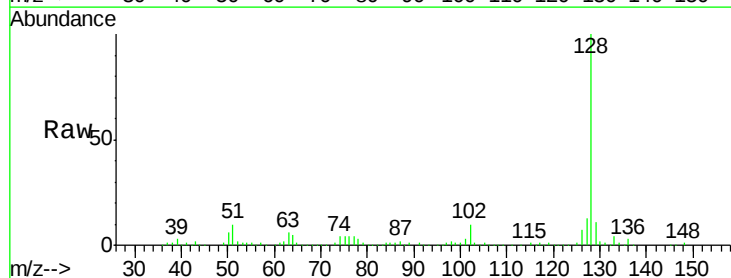
Tgt Ion: 128 Resp: 190244

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

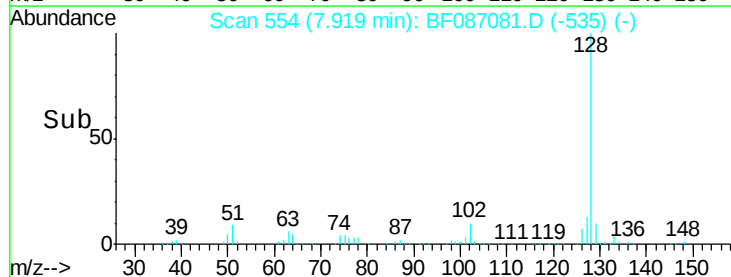
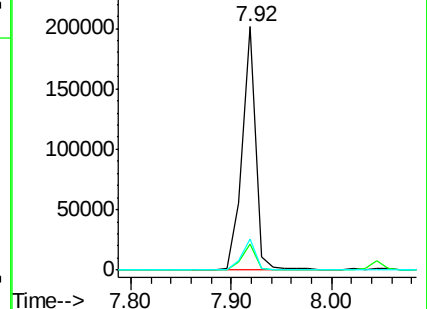
127 12.9 10.8 16.2

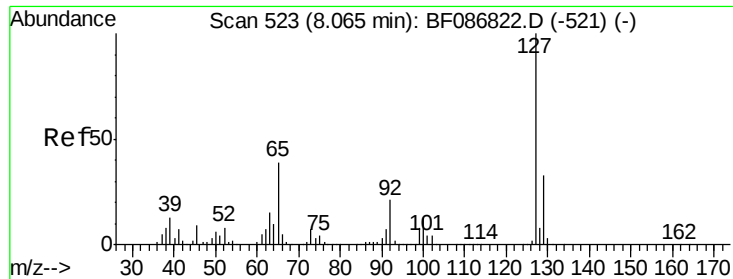


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

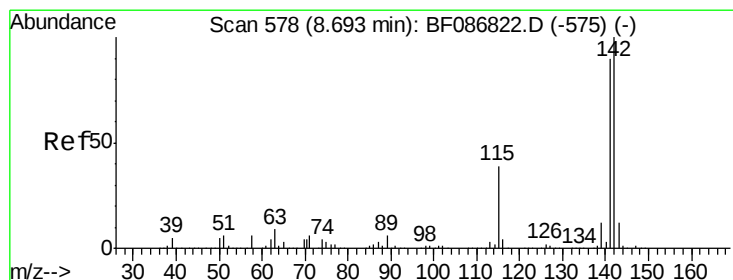
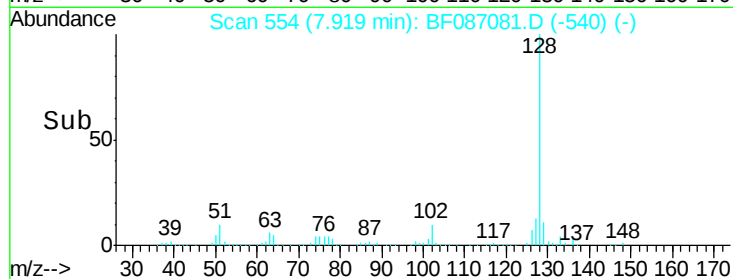
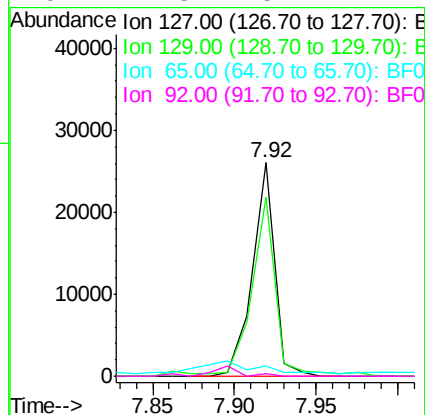
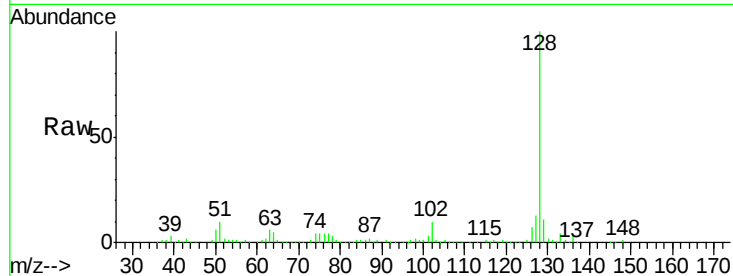




#33
 4-Chloroaniline
 Concen: 2.28 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.15 min
 Lab File: BF087081.D
 Acq: 16 May 2016 15:07

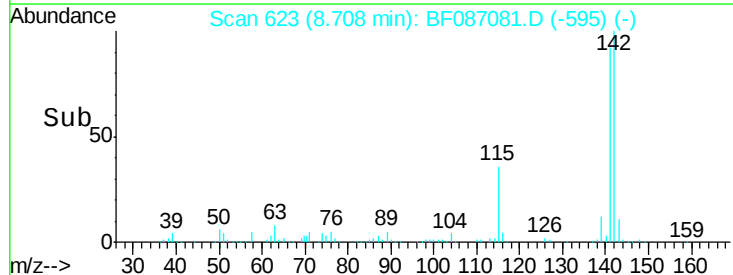
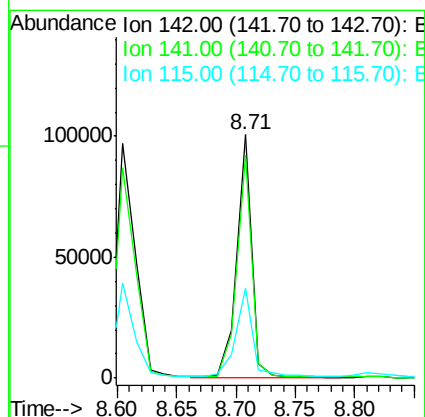
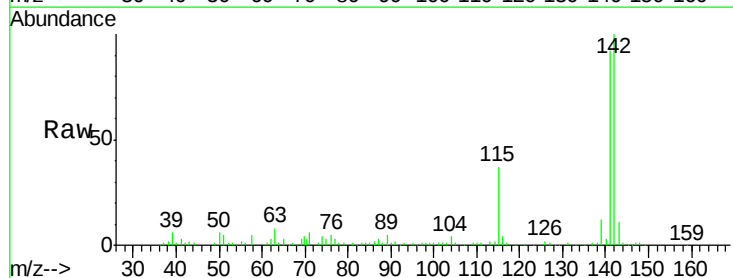
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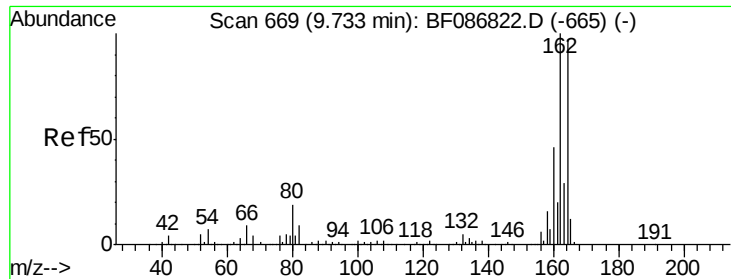
Tgt Ion:	127	Resp:	24610
Ion Ratio	Lower	Upper	
127	100		
129	84.1	26.2	39.4#
65	5.1	23.0	34.4#
92	1.5	15.1	22.7#



#37
 2-Methylnaphthalene
 Concen: 5.44 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF087081.D
 Acq: 16 May 2016 15:07

Tgt Ion:	142	Resp:	88485
Ion Ratio	Lower	Upper	
142	100		
141	91.6	71.0	106.6
115	36.9	26.6	39.8

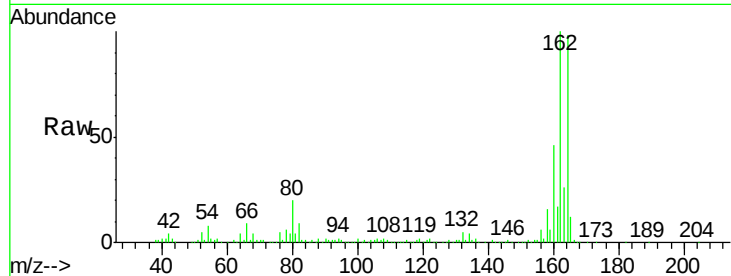




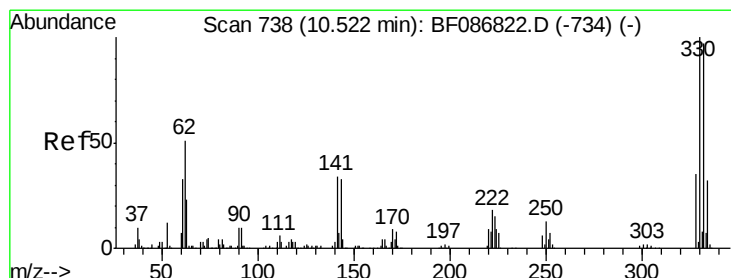
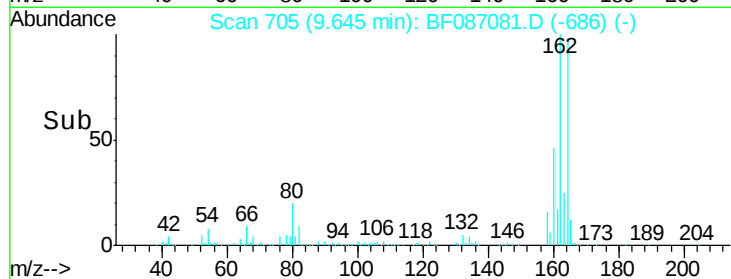
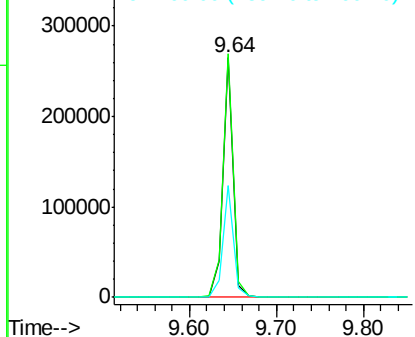
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087081.D
Acq: 16 May 2016 15:07

Instrument :
BNA_F
ClientSampleId :
PM-STA-1335-00(0-3)RE

Tgt Ion:164 Resp: 222273
Ion Ratio Lower Upper
164 100
162 101.8 82.8 124.2
160 47.0 36.9 55.3

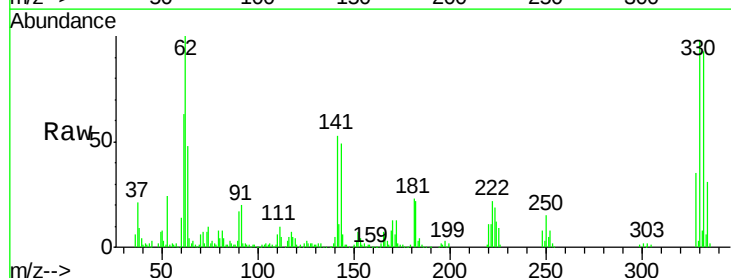


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

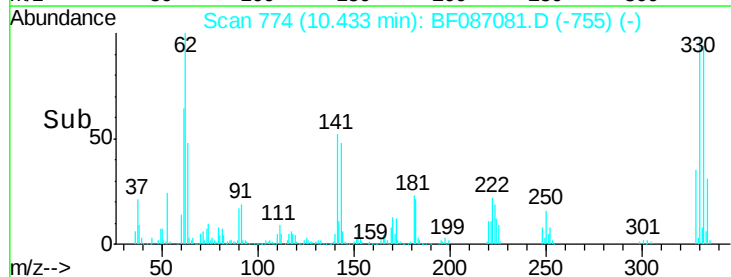
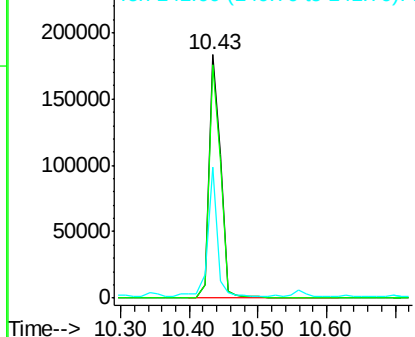


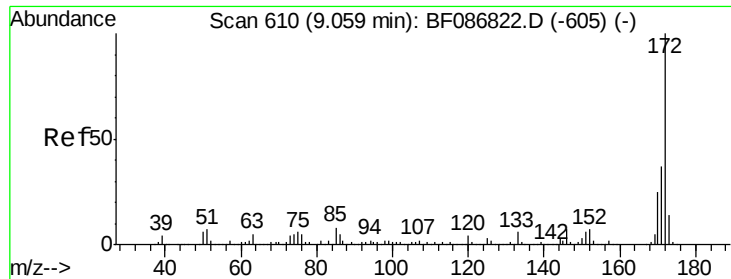
#41
2,4,6-Tribromophenol
Concen: 92.10 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.09 min
Lab File: BF087081.D
Acq: 16 May 2016 15:07

Tgt Ion:330 Resp: 216712
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.4
141 44.0 31.2 46.8



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

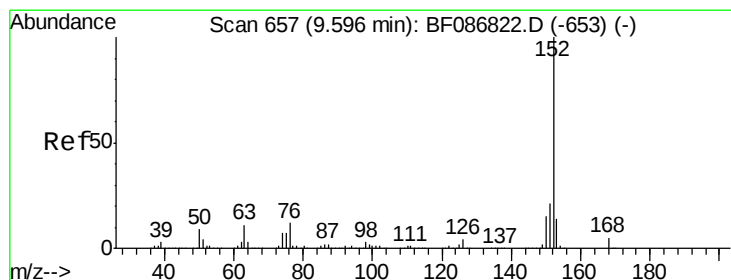
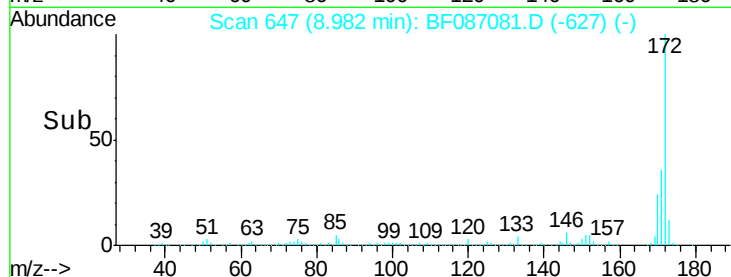
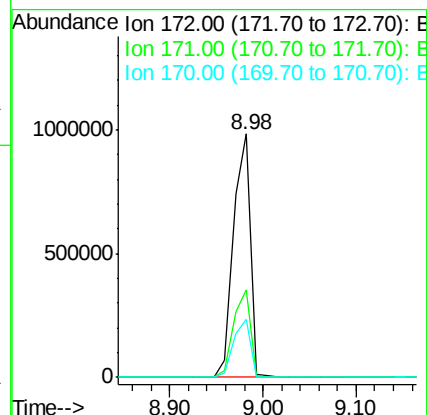
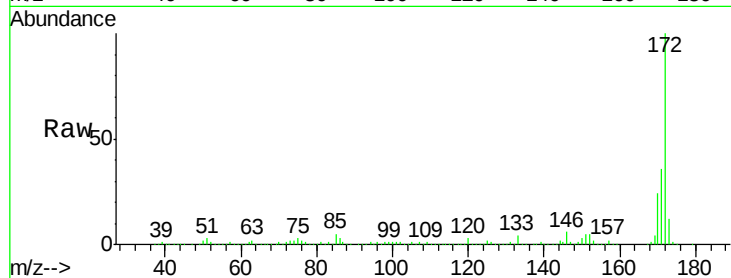




#44
2-Fluorobiphenyl
Concen: 95.18 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.08 min
Lab File: BF087081.D
Acq: 16 May 2016 15:07

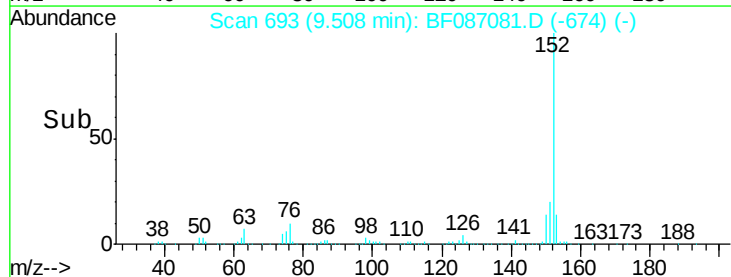
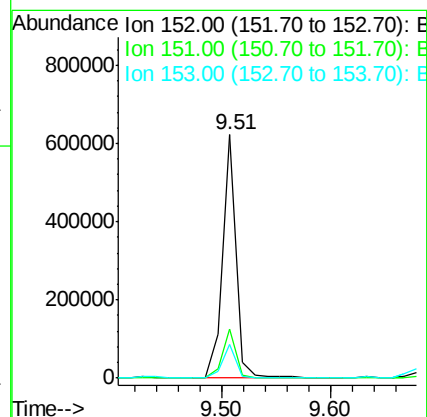
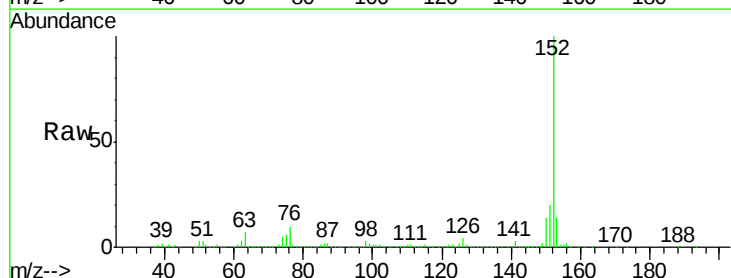
Instrument :
BNA_F
ClientSampleId :
PM-STA-1335-00(0-3)RE

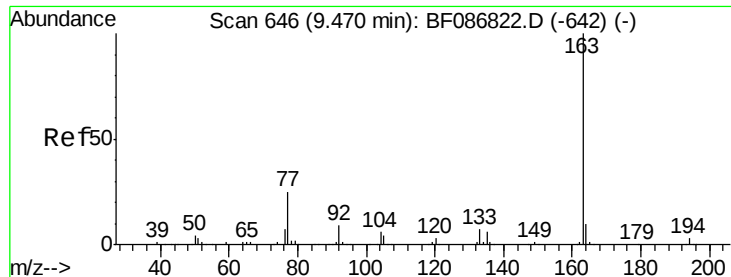
Tgt Ion:172 Resp: 1258735
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.9 19.8 29.8



#48
Acenaphthylene
Concen: 26.87 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF087081.D
Acq: 16 May 2016 15:07

Tgt Ion:152 Resp: 547375
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 14.1 10.9 16.3

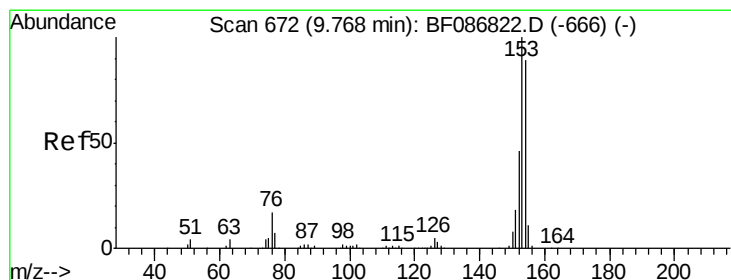
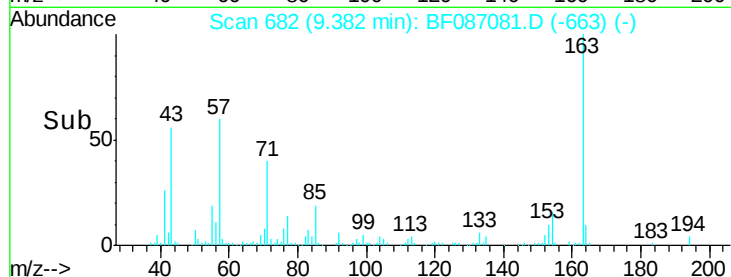
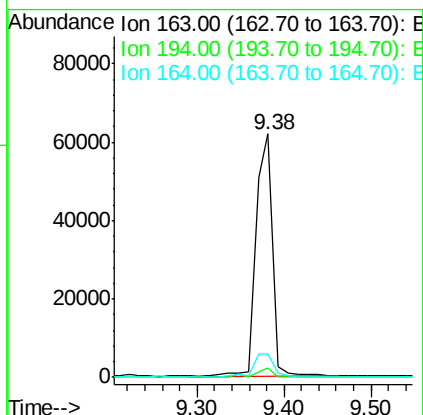
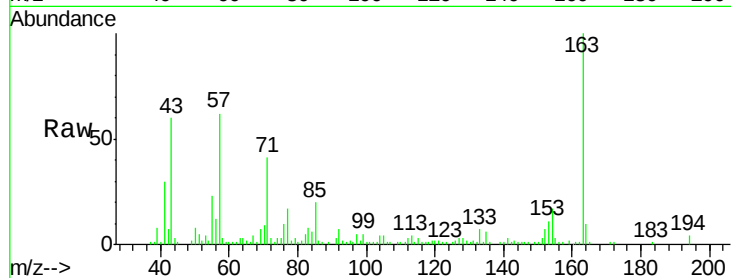




#49
Dimethylphthalate
Concen: 4.91 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.09 min
Lab File: BF087081.D
Acq: 16 May 2016 15:07

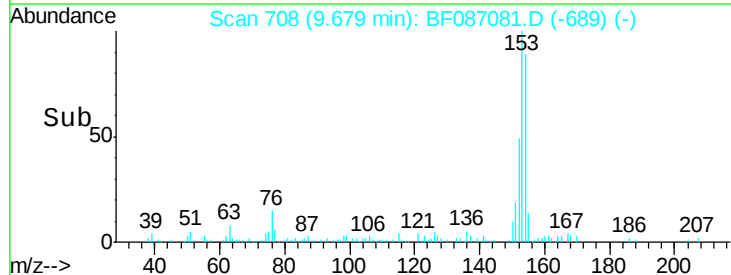
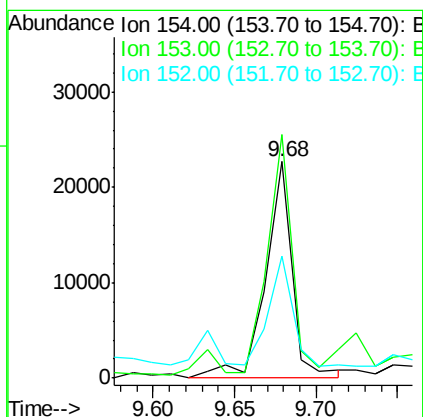
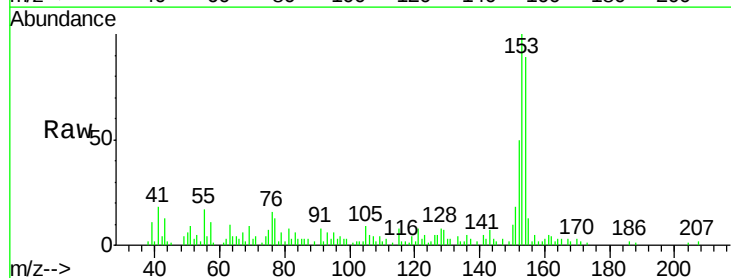
Instrument :
BNA_F
ClientSampleId :
PM-STA-1335-00(0-3)RE

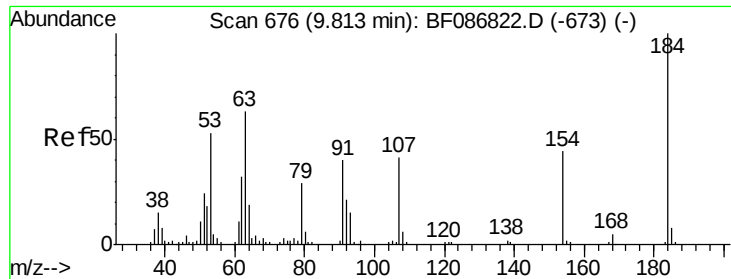
Tgt Ion:163 Resp: 83228
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.7 8.2 12.4



#51
Acenaphthene
Concen: 2.05 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.09 min
Lab File: BF087081.D
Acq: 16 May 2016 15:07

Tgt Ion:154 Resp: 25991
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.6
152 56.4 43.4 65.0

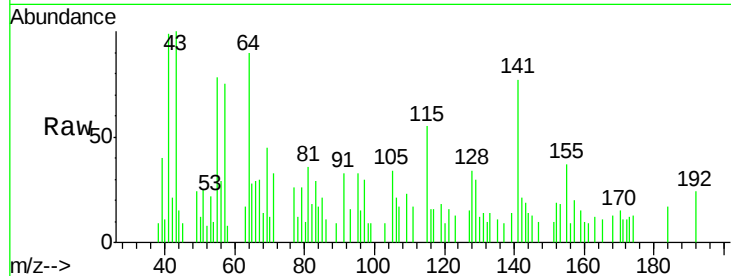




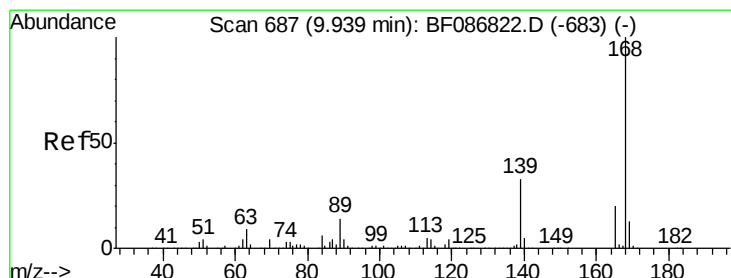
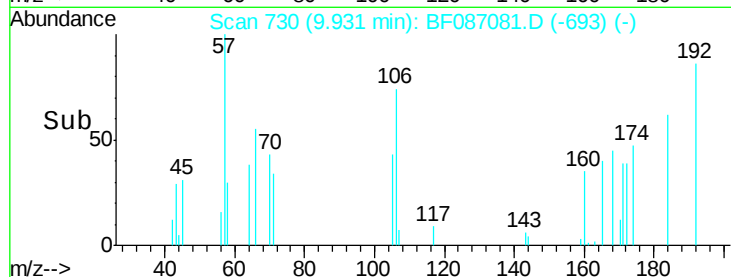
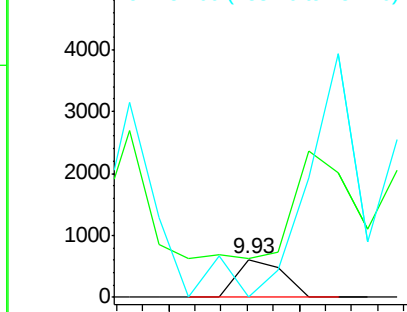
#53
2,4-Dinitrophenol
Concen: 8.07 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.12 min
Lab File: BF087081.D
Acq: 16 May 2016 15:07

Instrument :
BNA_F
ClientSampleId :
PM-STA-1335-00(0-3)RE

Tgt Ion:184 Resp: 757
Ion Ratio Lower Upper
184 100
63 101.1 55.8 83.8#
154 0.0 62.4 93.6#

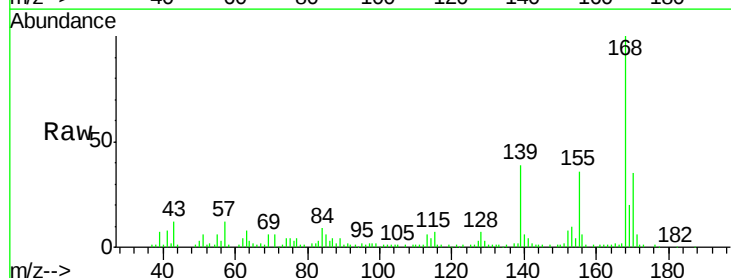


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

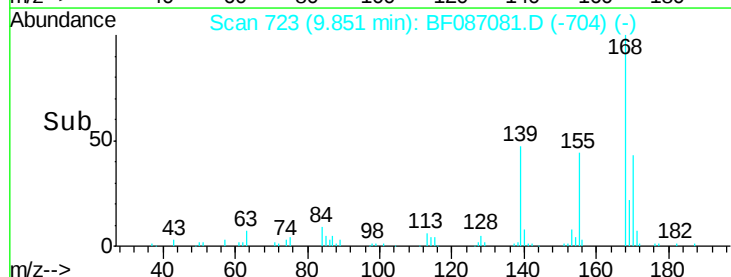
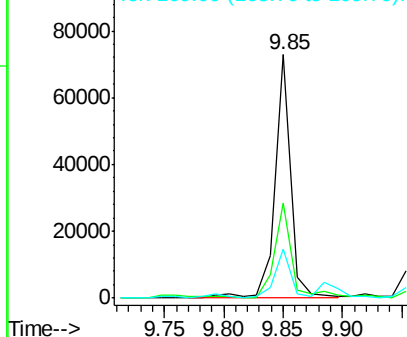


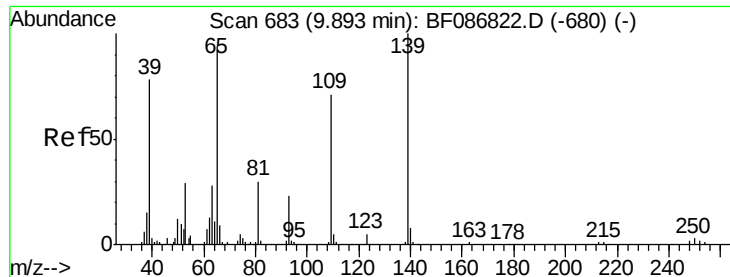
#54
Dibenzofuran
Concen: 4.14 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.09 min
Lab File: BF087081.D
Acq: 16 May 2016 15:07

Tgt Ion:168 Resp: 67378
Ion Ratio Lower Upper
168 100
139 38.9 31.4 47.0
169 20.2 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: 6.15 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.07 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)RE

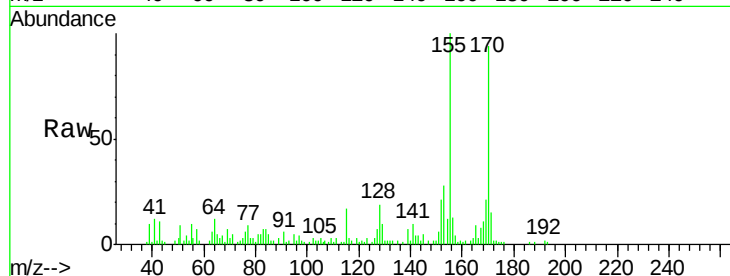
Tgt Ion:139 Resp: 4219

Ion Ratio Lower Upper

139 100

109 48.4 36.9 76.9

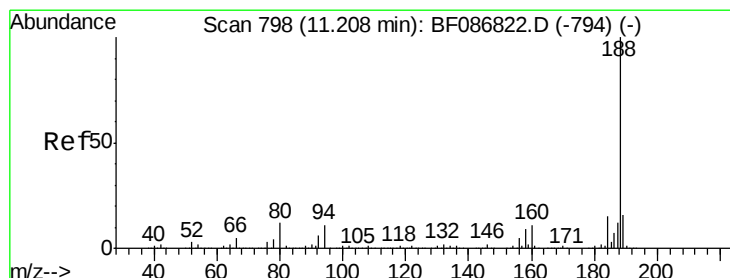
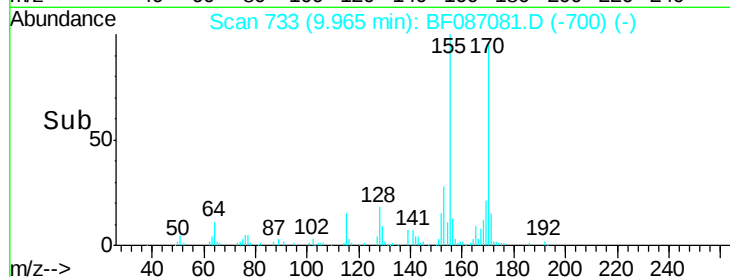
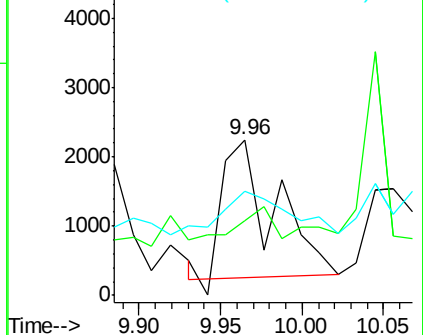
65 66.9 64.0 104.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

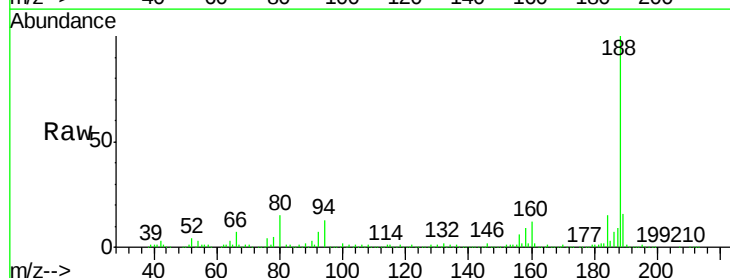
Tgt Ion:188 Resp: 335145

Ion Ratio Lower Upper

188 100

94 13.3 6.8 10.2#

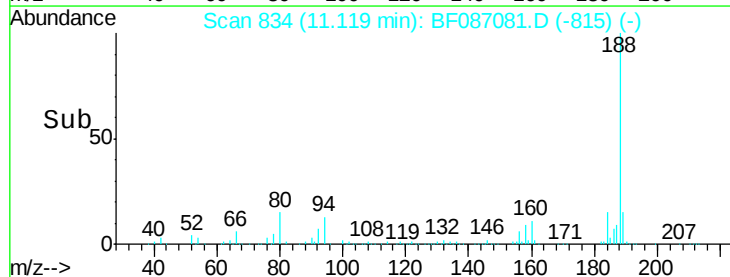
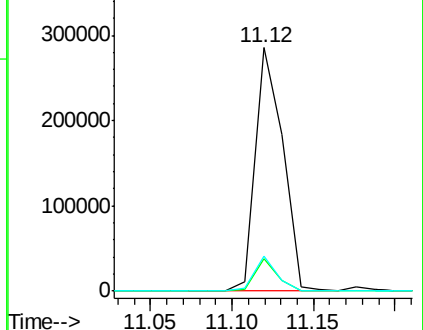
80 14.6 7.1 10.7#

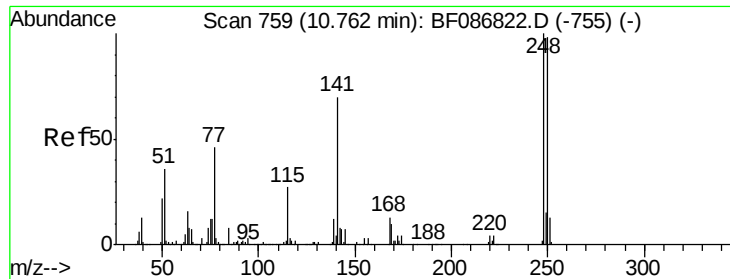


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

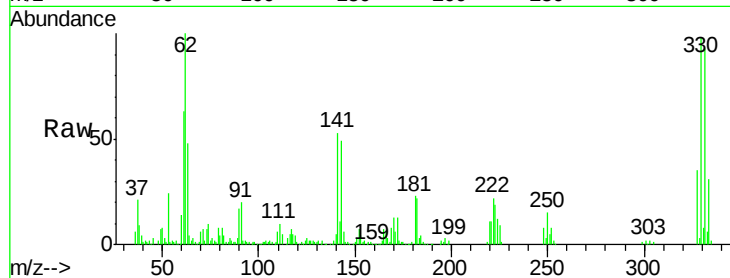




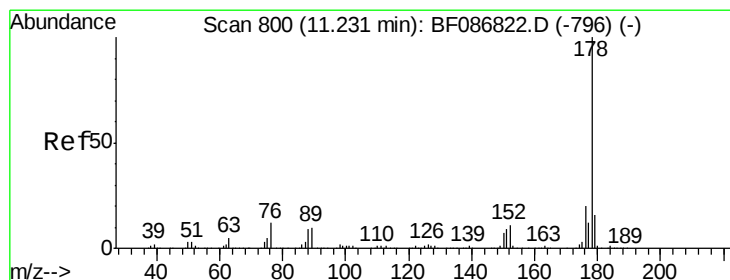
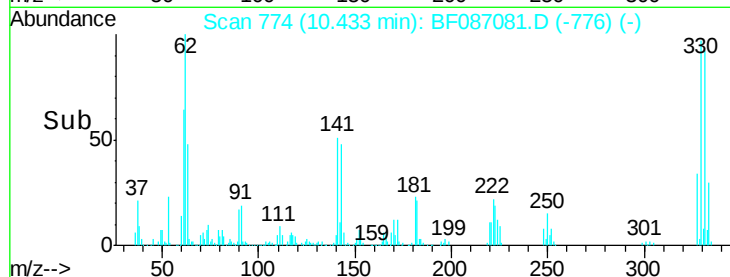
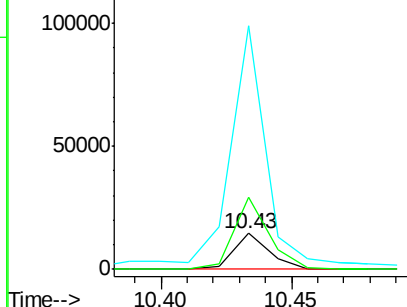
#66
 4-Bromophenyl-phenylether
 Concen: 4.10 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.33 min
 Lab File: BF087081.D
 Acq: 16 May 2016 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1335-00(0-3)RE

Tgt Ion:248 Resp: 13931
 Ion Ratio Lower Upper
 248 100
 250 197.9 78.6 117.8#
 141 672.9 76.0 114.0#

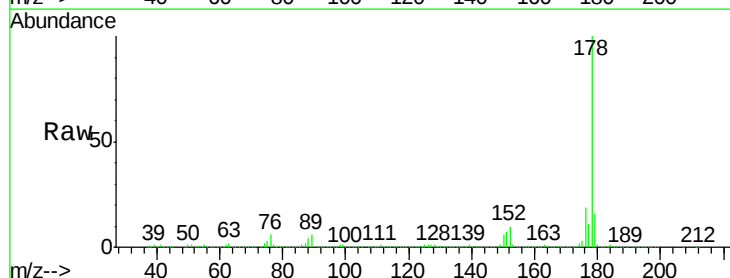


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

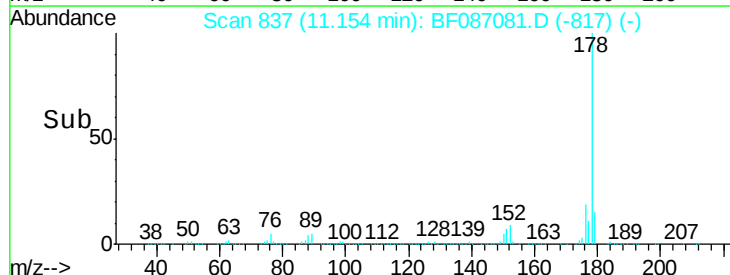
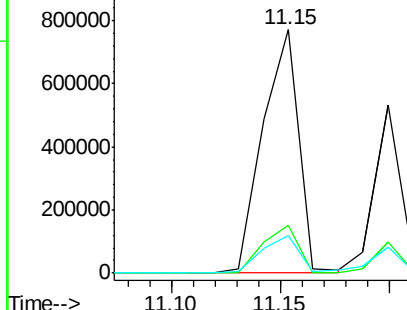


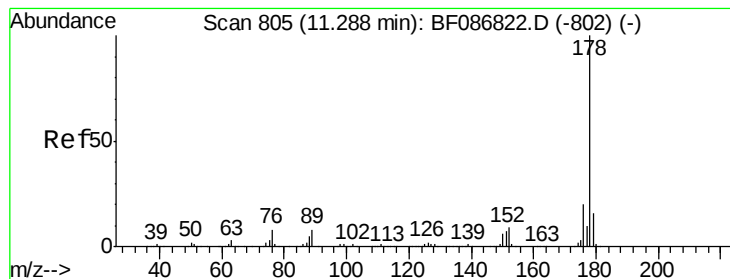
#70
 Phenanthrene
 Concen: 49.63 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.08 min
 Lab File: BF087081.D
 Acq: 16 May 2016 15:07

Tgt Ion:178 Resp: 887623
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 15.5 12.6 18.8



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: 25.01 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.09 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)RE

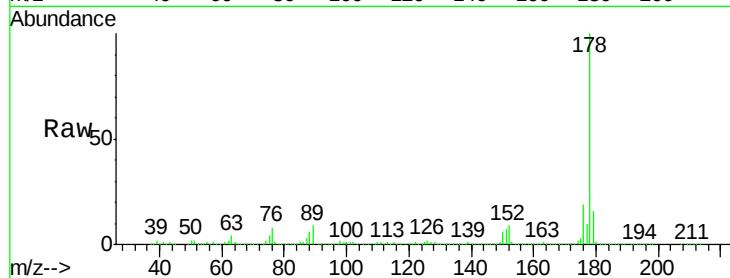
Tgt Ion:178 Resp: 457456

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

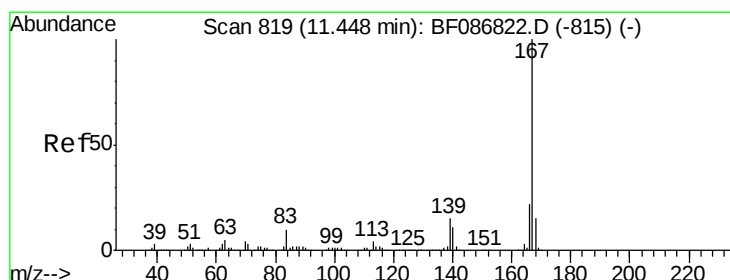
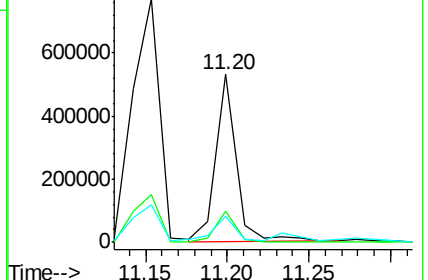
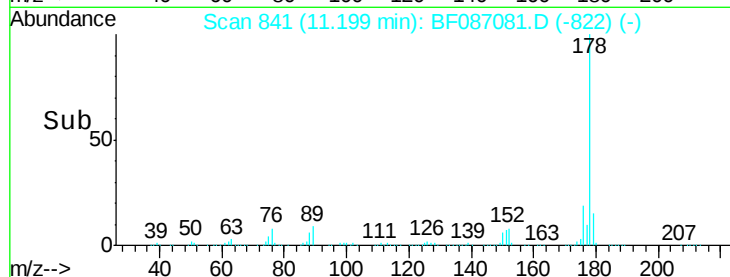
179 15.7 12.7 19.1



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: 8.50 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.09 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

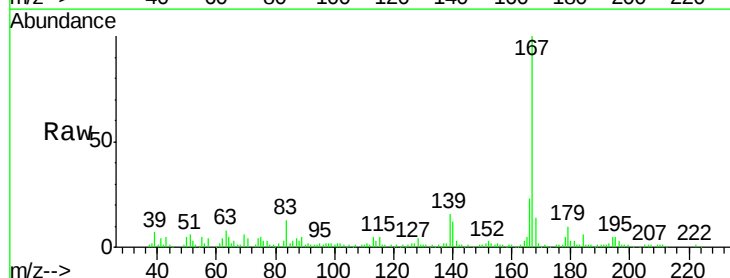
Tgt Ion:167 Resp: 133710

Ion Ratio Lower Upper

167 100

166 22.9 17.7 26.5

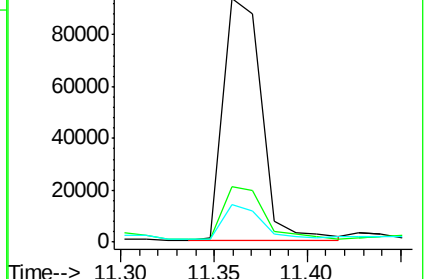
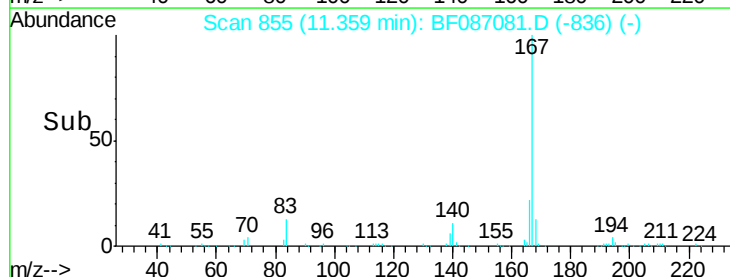
139 15.5 10.8 16.2

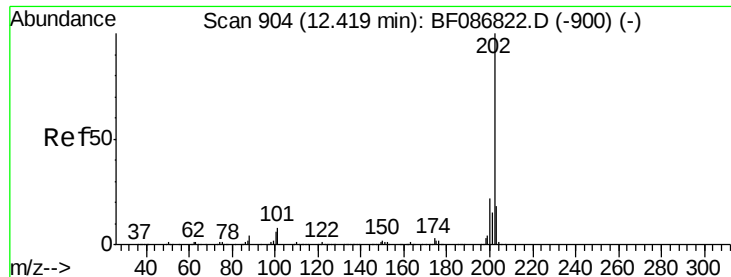


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 102.94 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.08 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)RE

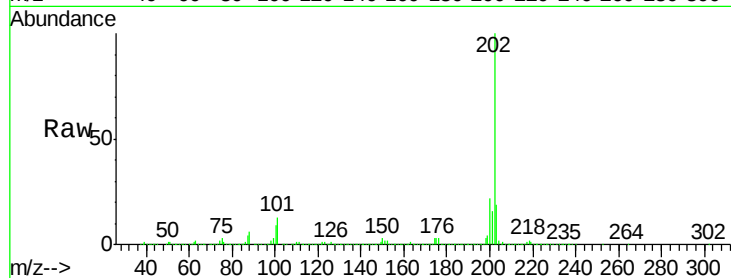
Tgt Ion:202 Resp: 1893597

Ion Ratio Lower Upper

202 100

101 12.5 0.0 35.4

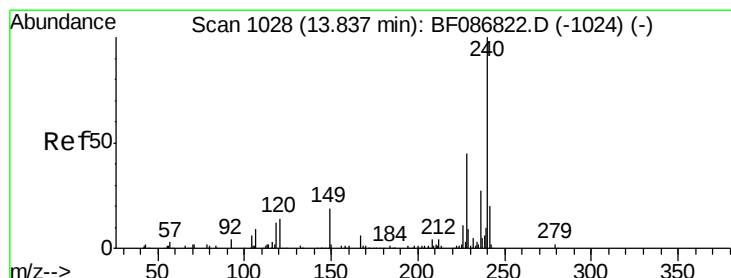
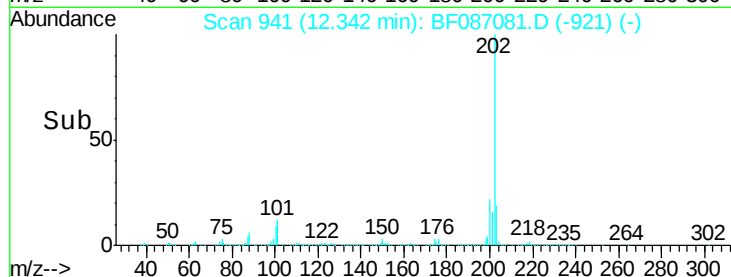
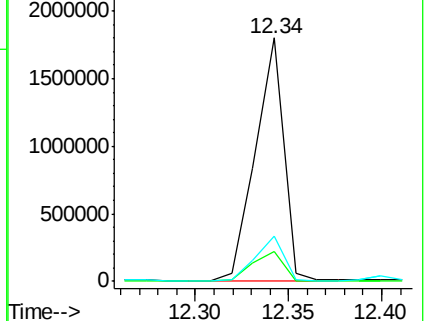
203 18.6 0.0 38.1



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: BF087081.D

Acq: 16 May 2016 15:07

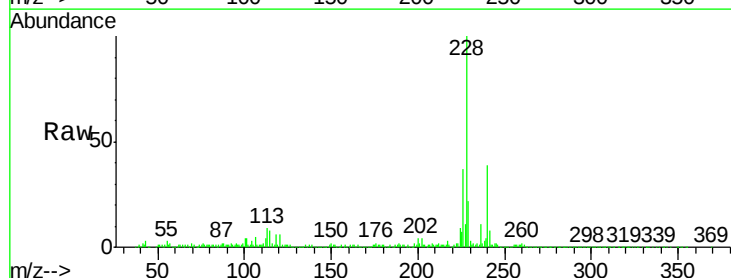
Tgt Ion:240 Resp: 251689

Ion Ratio Lower Upper

240 100

120 16.5 11.2 16.8

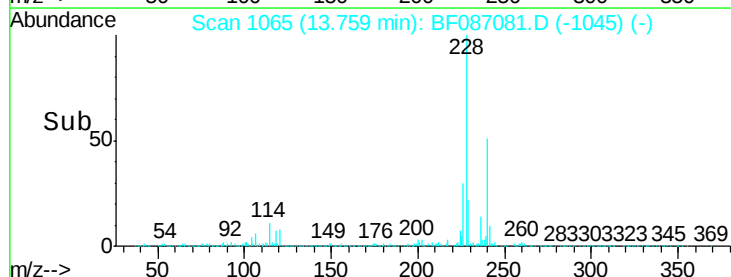
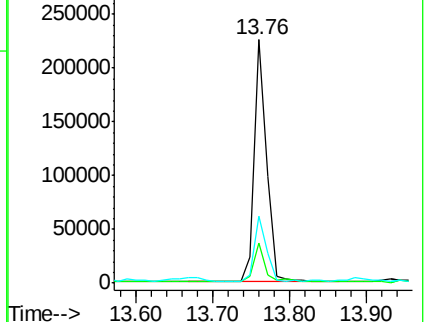
236 27.3 21.2 31.8

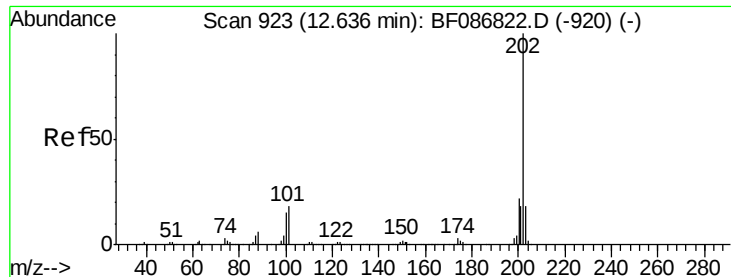


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 89.49 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.07 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)RE

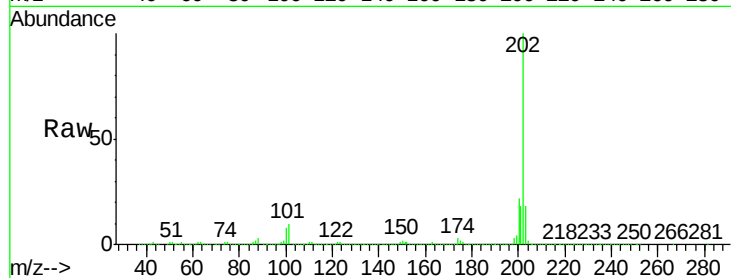
Tgt Ion:202 Resp: 1724429

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

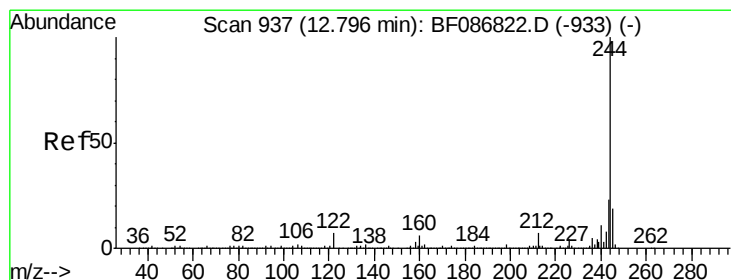
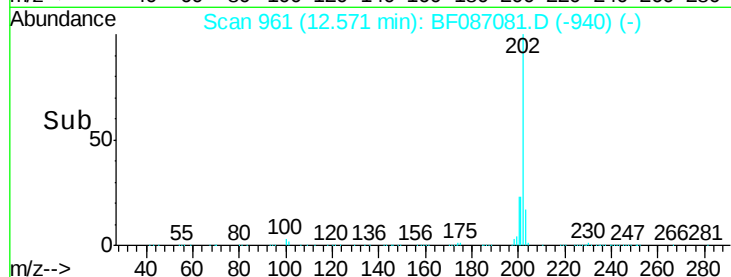
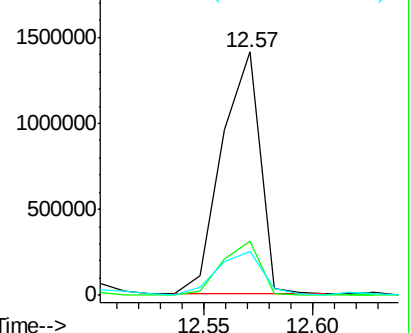
203 18.0 14.2 21.4



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: 74.39 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

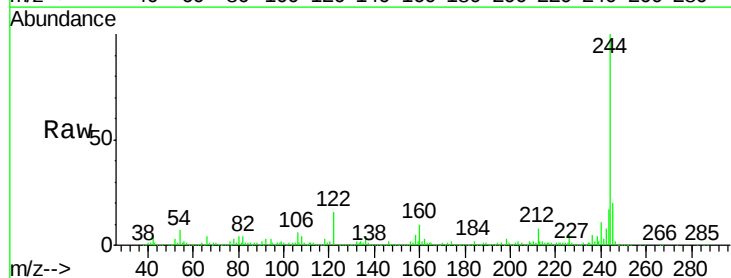
Tgt Ion:244 Resp: 882409

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

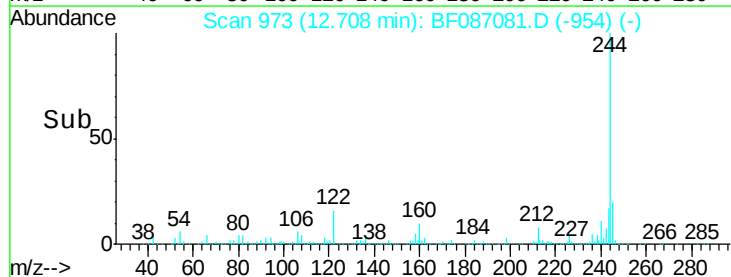
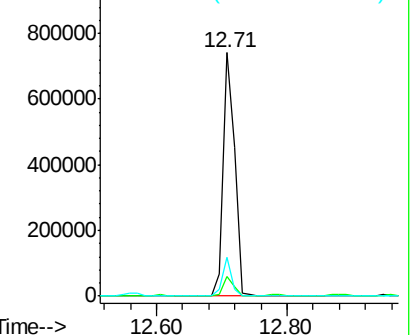
122 15.7 12.0 18.0

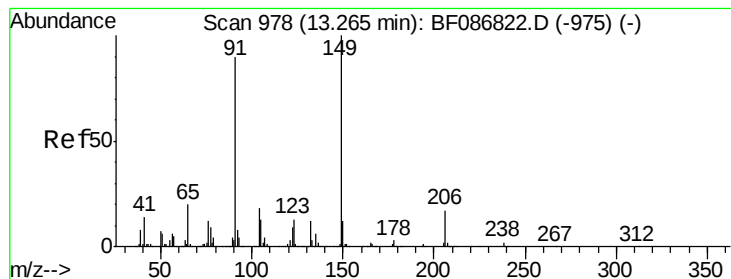


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 8.99 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.08 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)RE

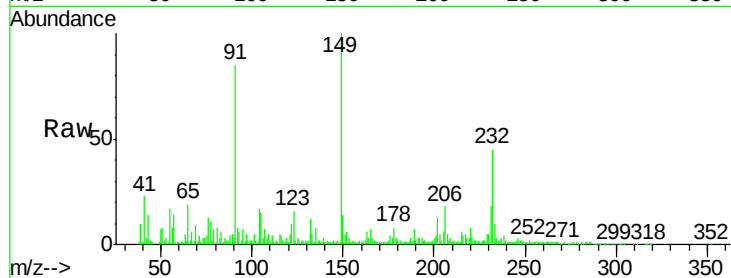
Tgt Ion:149 Resp: 73260

Ion Ratio Lower Upper

149 100

91 85.5 48.0 72.0#

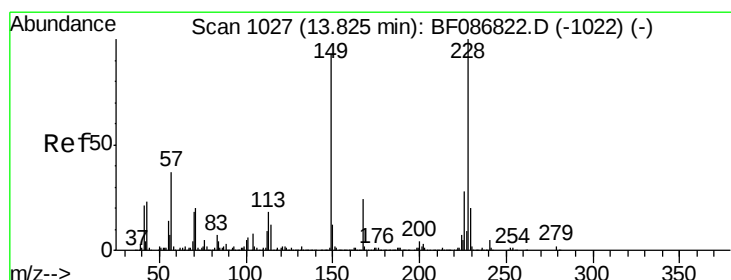
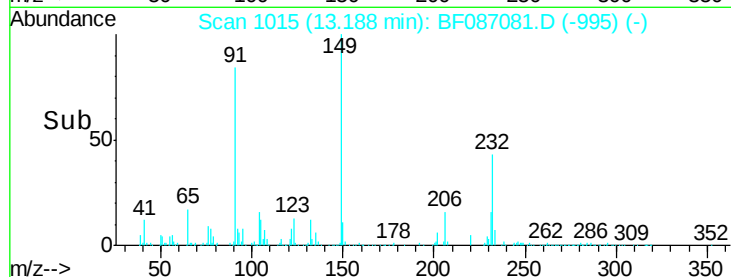
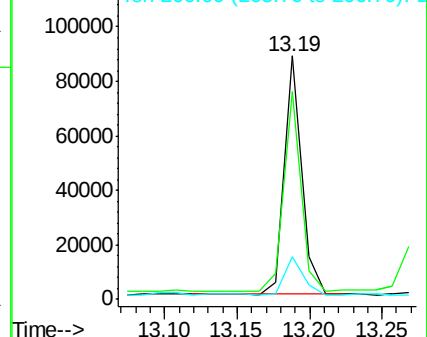
206 17.8 15.8 23.6



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: 65.30 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.03 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

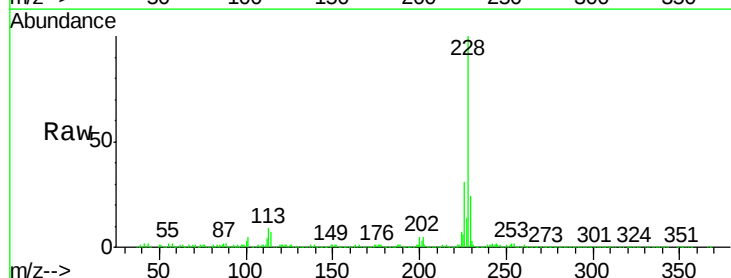
Tgt Ion:228 Resp: 922681

Ion Ratio Lower Upper

228 100

226 31.4 22.5 33.7

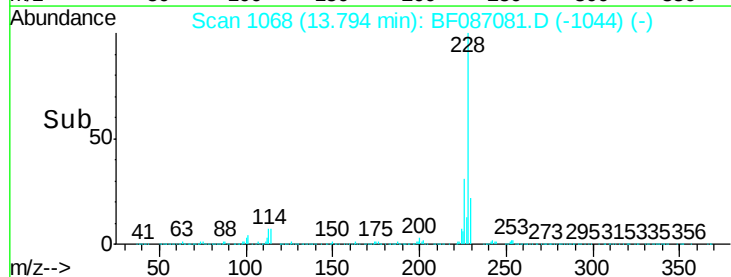
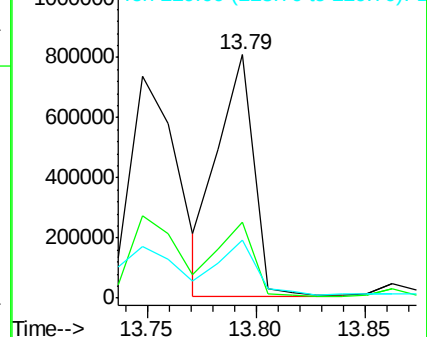
229 23.7 16.6 25.0

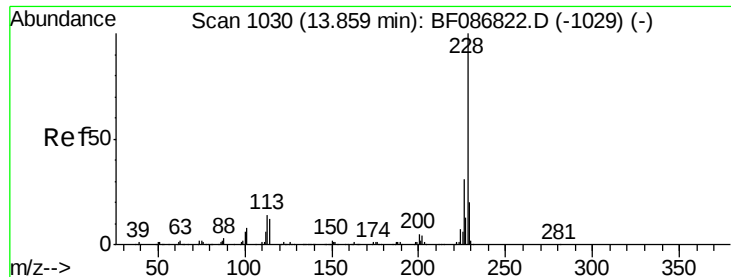


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 64.25 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.07 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)RE

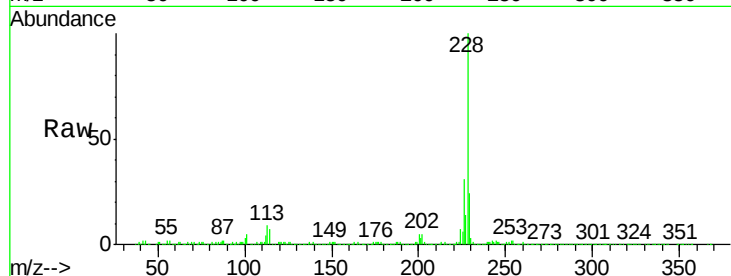
Tgt Ion:228 Resp: 923434

Ion Ratio Lower Upper

228 100

226 31.4 24.4 36.6

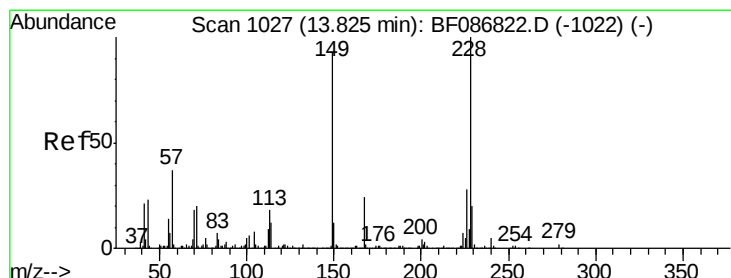
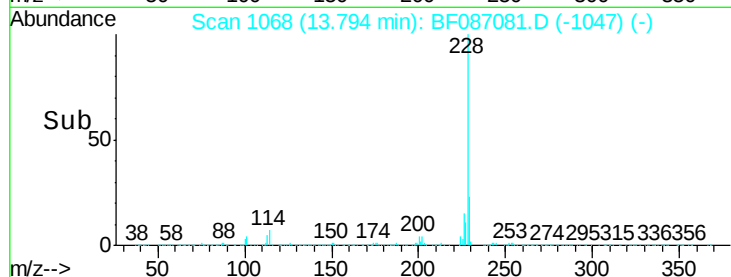
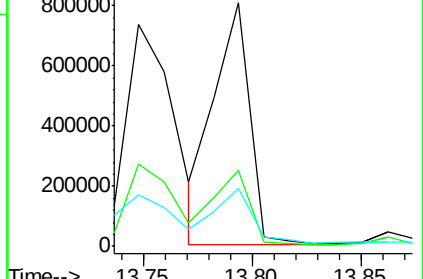
229 23.7 15.8 23.8



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: 2.38 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

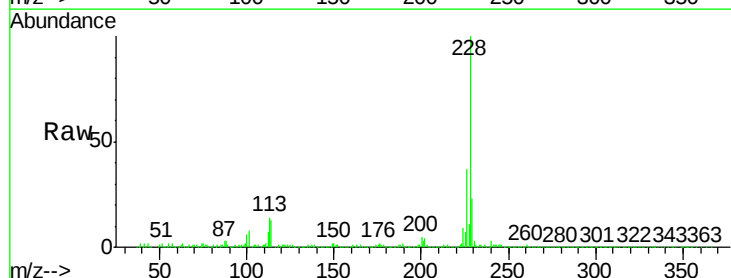
Tgt Ion:149 Resp: 23322

Ion Ratio Lower Upper

149 100

167 22.9 21.8 32.6

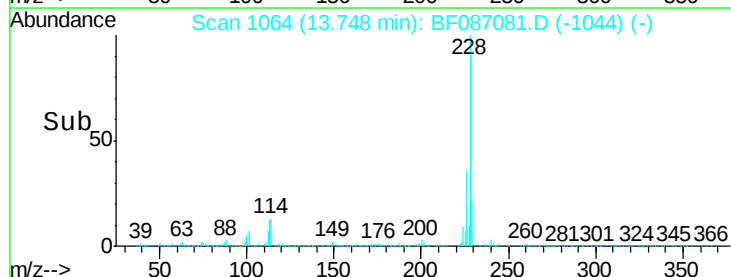
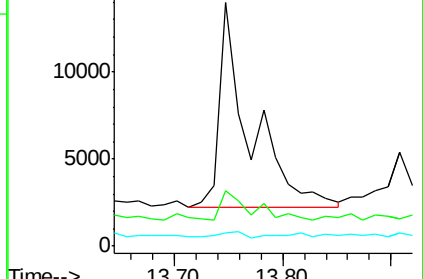
279 5.6 2.6 4.0#

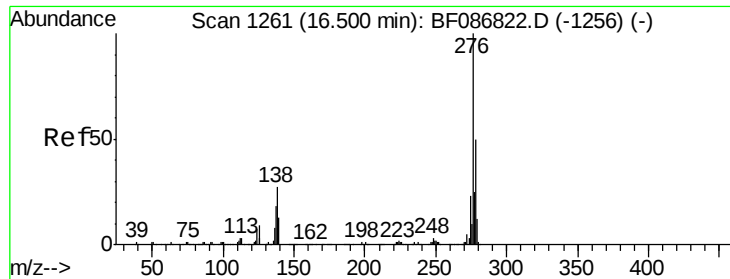


Abundance Ion 149.00 (148.70 to 149.70): E

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: 32.66 ng

RT: 16.39 min Scan# 1295

Delta R.T. -0.11 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)RE

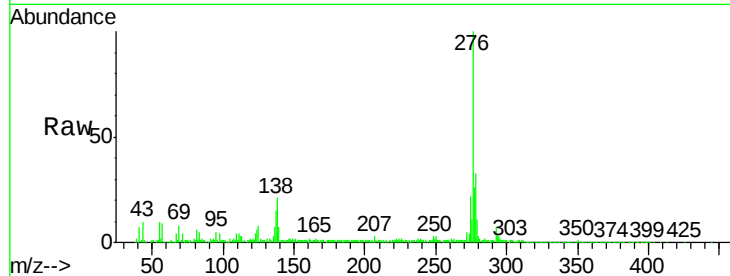
Tgt Ion:276 Resp: 390608

Ion Ratio Lower Upper

276 100

138 23.0 25.6 38.4#

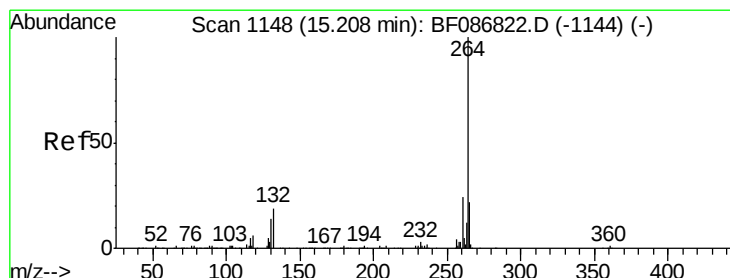
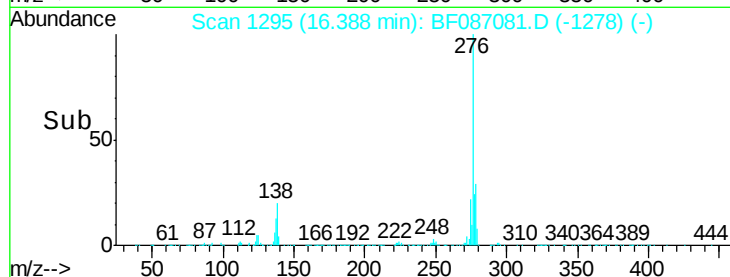
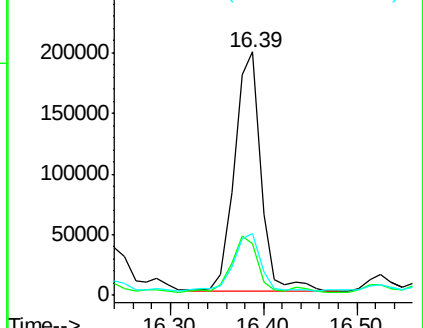
277 25.3 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 1185

Delta R.T. -0.08 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

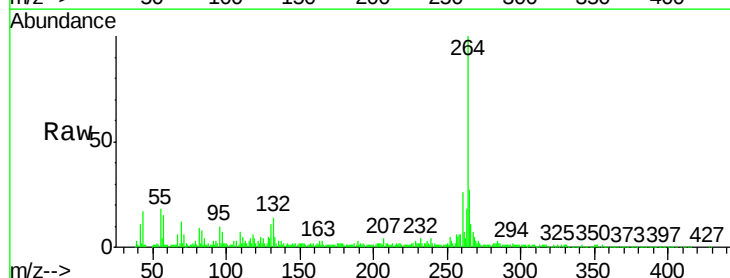
Tgt Ion:264 Resp: 235015

Ion Ratio Lower Upper

264 100

260 25.6 19.5 29.3

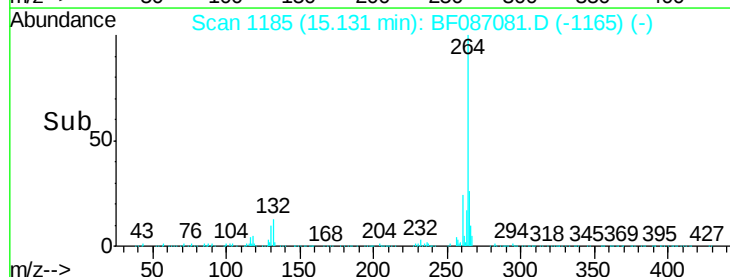
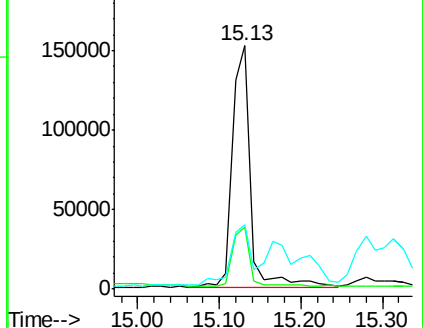
265 26.7 17.3 25.9#

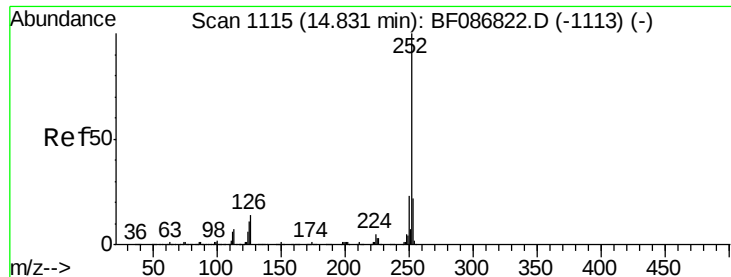


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

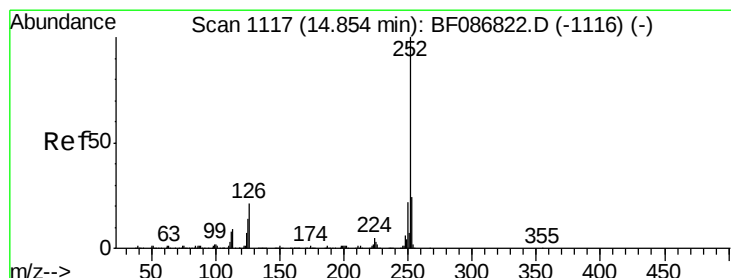
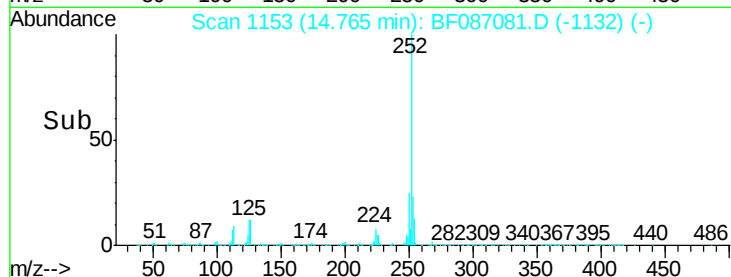
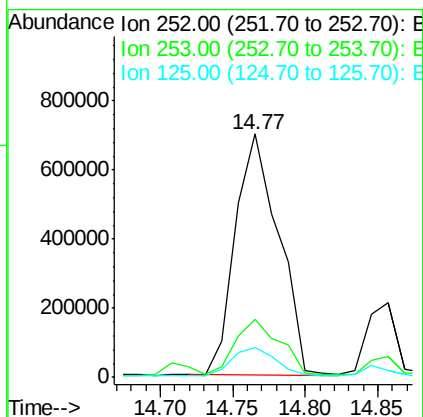
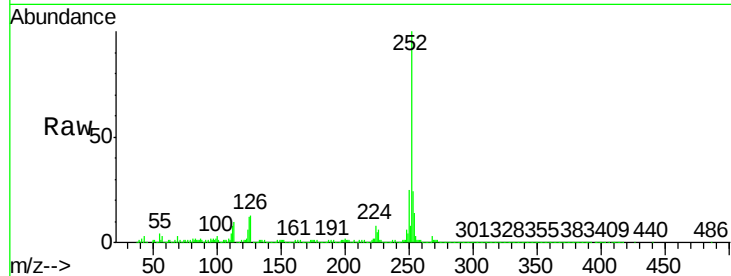




#87
Benzo(b)fluoranthene
Concen: 94.80 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF087081.D
Acq: 16 May 2016 15:07

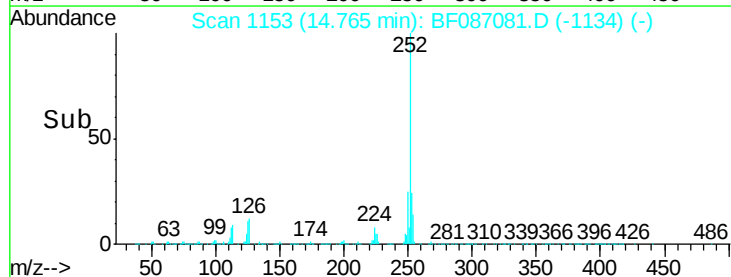
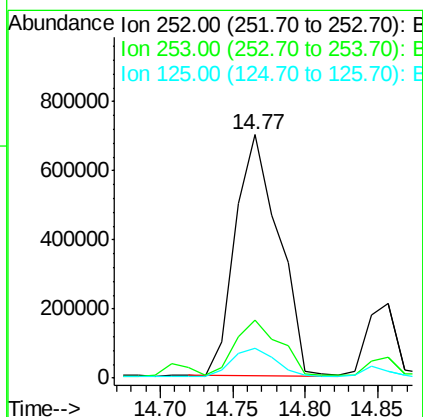
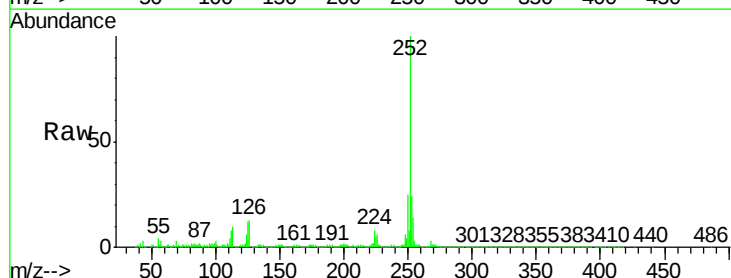
Instrument :
BNA_F
ClientSampleId :
PM-STA-1335-00(0-3)RE

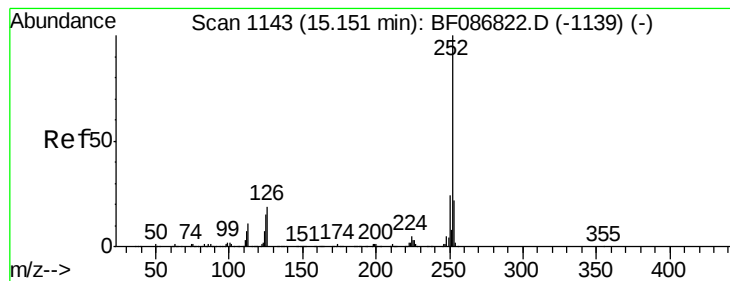
Tgt Ion:252 Resp: 1447953
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 12.2 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 115.78 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.09 min
Lab File: BF087081.D
Acq: 16 May 2016 15:07

Tgt Ion:252 Resp: 1447953
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 12.2 9.1 13.7

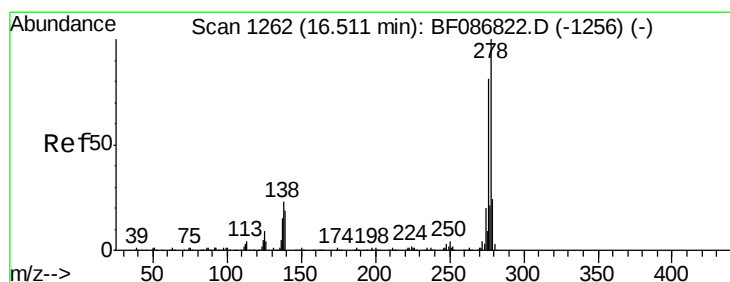
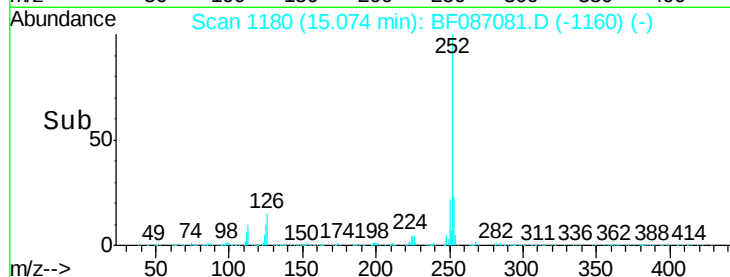
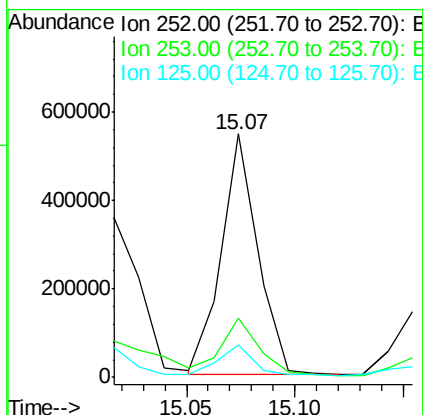
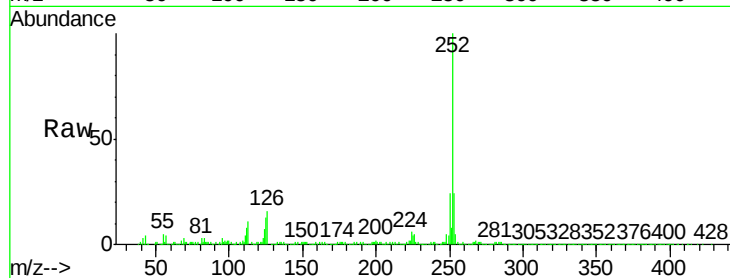




#89
Benzo(a)pyrene
Concen: 48.11 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.08 min
Lab File: BF087081.D
Acq: 16 May 2016 15:07

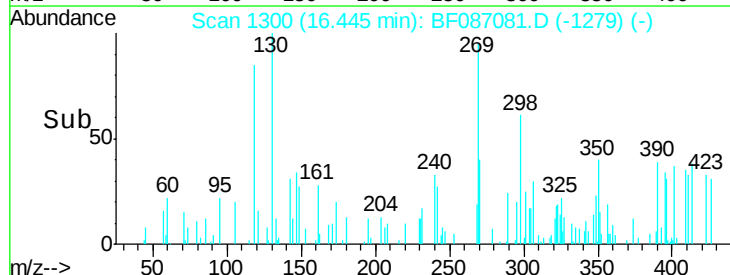
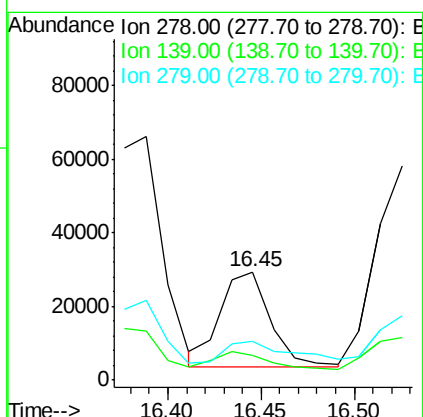
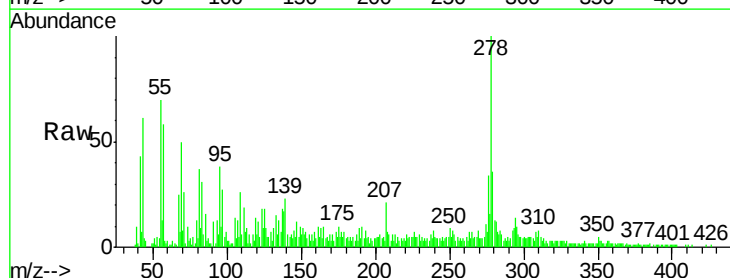
Instrument :
BNA_F
ClientSampleId :
PM-STA-1335-00(0-3)RE

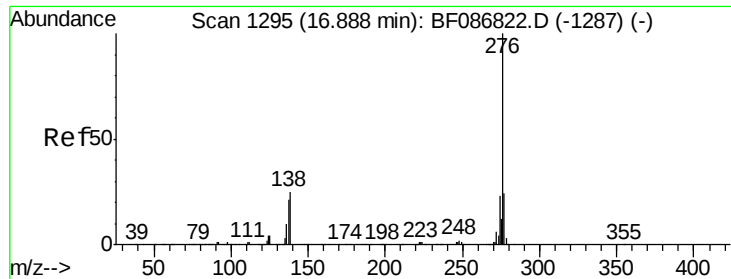
Tgt Ion: 252 Resp: 633776
Ion Ratio Lower Upper
252 100
253 24.3 17.2 25.8
125 13.1 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 4.34 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.07 min
Lab File: BF087081.D
Acq: 16 May 2016 15:07

Tgt Ion: 278 Resp: 48230
Ion Ratio Lower Upper
278 100
139 23.4 16.6 24.8
279 36.4 19.6 29.4#





#91

Benzo(g,h,i)perylene

Concen: 27.53 ng

RT: 16.77 min Scan# 1328

Delta R.T. -0.12 min

Lab File: BF087081.D

Acq: 16 May 2016 15:07

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)RE

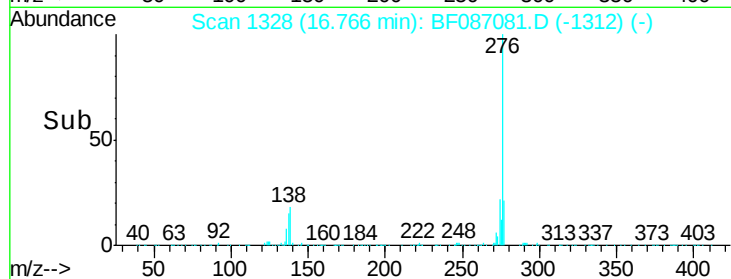
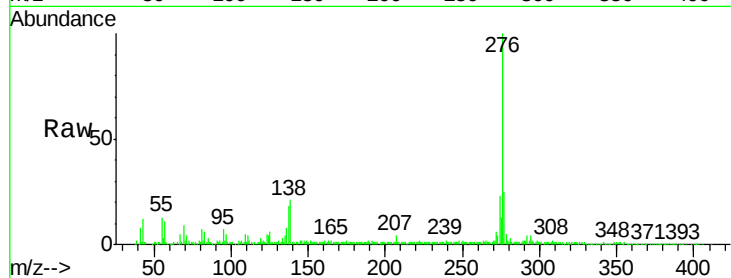
Tgt Ion: 276 Resp: 310569

Ion Ratio Lower Upper

276 100

277 24.6 19.6 29.4

138 20.6 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

