

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088351.D
 Acq On : 25 Jun 2016 00:42
 Operator : UM/SJ
 Sample : H3598-10 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1381(0-4)

Quant Time: Jun 25 03:43:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

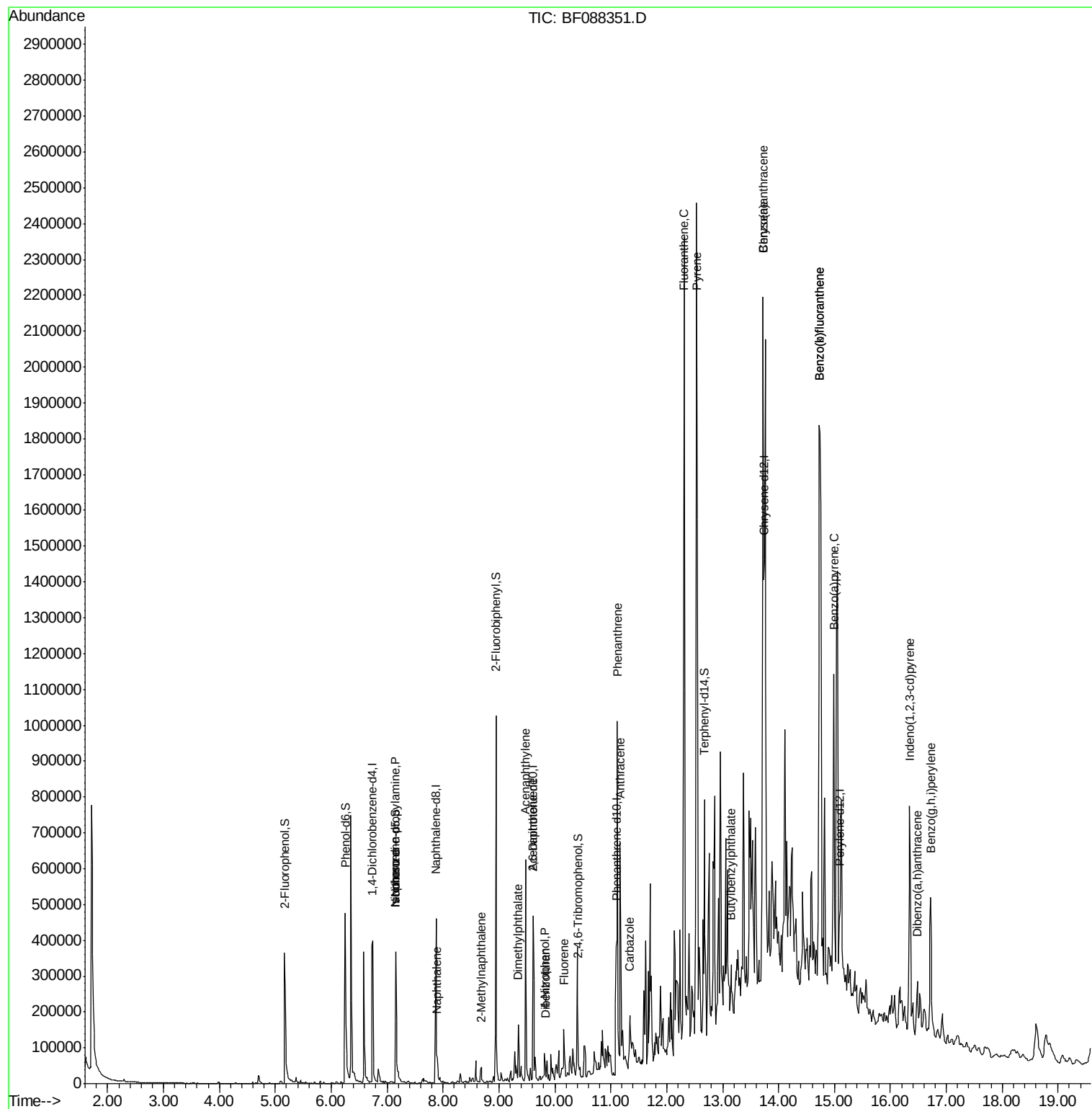
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	111122	20.00	ng	0.14
21) Naphthalene-d8	7.87	136	281153	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	113862	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	169192	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	135713	20.00	ng	-0.01
86) Perylene-d12	15.10	264	133337	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	222700	34.26	ng	-0.01
7) Phenol-d6	6.25	99	280608	35.62	ng	-0.01
23) Nitrobenzene-d5	7.15	82	180511	37.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	43734	36.38	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	332322	43.12	ng	-0.02
78) Terphenyl-d14	12.67	244	201545	33.79	ng	-0.02
Target Compounds						
10) Phenol	6.35	94	664	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	22548	4.47 ng	#	74
25) Isophorone	7.15	82	174869	19.61 ng	#	65
31) Naphthalene	7.90	128	33786	2.43 ng		100
37) 2-Methylnaphthalene	8.68	142	19416	2.12 ng		96
45) 1,1'-Biphenyl	9.05	154	4055	Below Cal		96
48) Acenaphthylene	9.47	152	343520	29.31 ng		99
49) Dimethylphthalate	9.35	163	38371	4.65 ng		100
50) 2,6-Dinitrotoluene	9.61	165	16102	8.52 ng	#	42
54) Dibenzofuran	9.83	168	25203	2.50 ng	#	92
55) 4-Nitrophenol	9.82	139	9495	5.61 ng	#	8
57) Fluorene	10.16	166	54753	3.60 ng		95
70) Phenanthrene	11.12	178	427485	48.15 ng		99
71) Anthracene	11.17	178	355832	39.73 ng		99
72) Carbazole	11.34	167	63425	7.57 ng		99
74) Fluoranthene	12.31	202	1565429	167.08 ng		98
77) Pyrene	12.54	202	1558575	154.76 ng		99
79) Butylbenzylphthalate	13.15	149	15970	3.59 ng		95
80) Benzo(a)anthracene	13.73	228	1263895	163.43 ng		94
82) Chrysene	13.73	228	1263895	173.71 ng		98
85) Indeno(1,2,3-cd)pyrene	16.34	276	373259	55.22 ng	#	100
87) Benzo(b)fluoranthene	14.73	252	1509161	162.39 ng	#	94
88) Benzo(k)fluoranthene	14.73	252	1509161	215.27 ng		99
89) Benzo(a)pyrene	14.99	252	541439	72.01 ng		97
90) Dibenzo(a,h)anthracene	16.48	278	70941	10.16 ng		95
91) Benzo(g,h,i)perylene	16.72	276	315631	43.94 ng		98

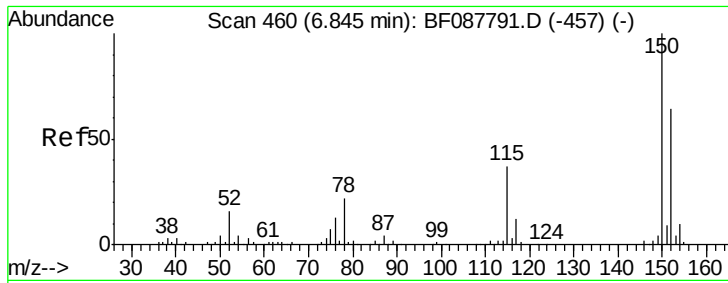
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.14 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

Instrument :

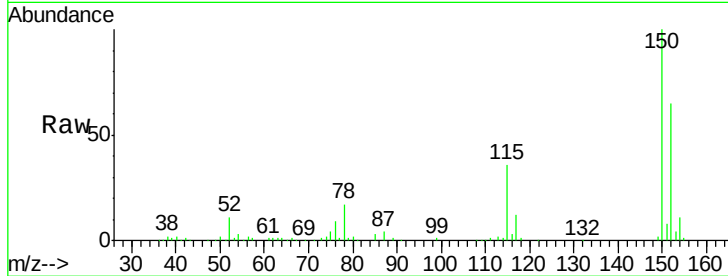
BNA_F

ClientSampleId :

PM-STA-1381(0-4)

Tgt Ion:152 Resp: 111122

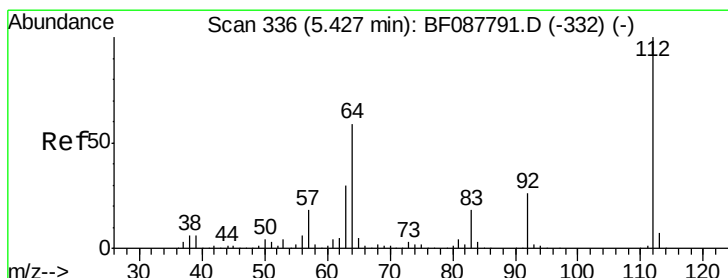
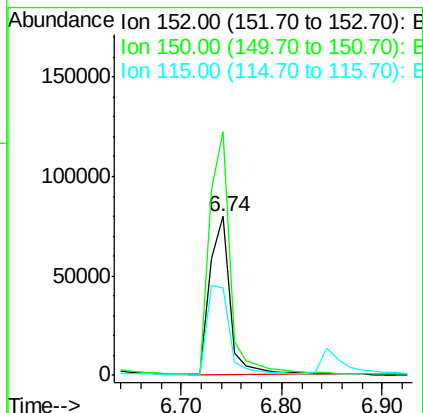
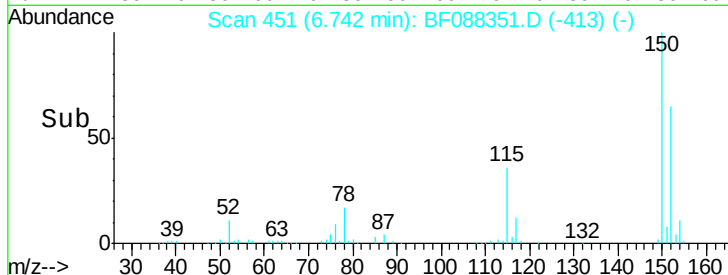
Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.8	185.6
115	55.3	39.6	59.4



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: 34.26 ng

RT: 5.16 min Scan# 313

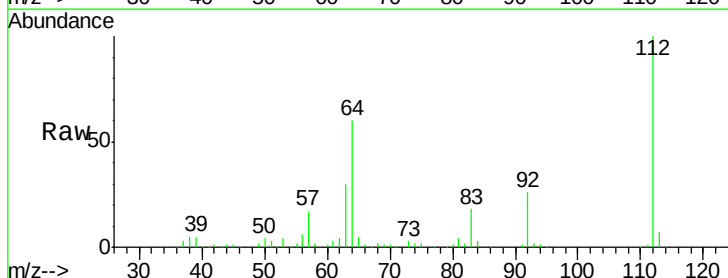
Delta R.T. -0.01 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

Tgt Ion:112 Resp: 222700

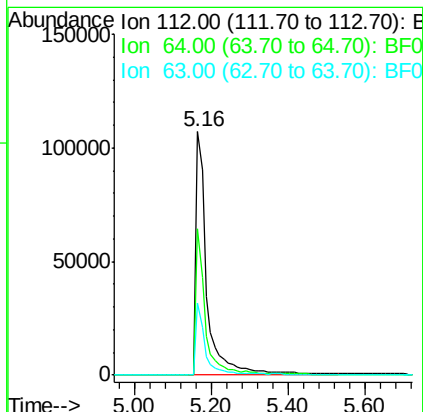
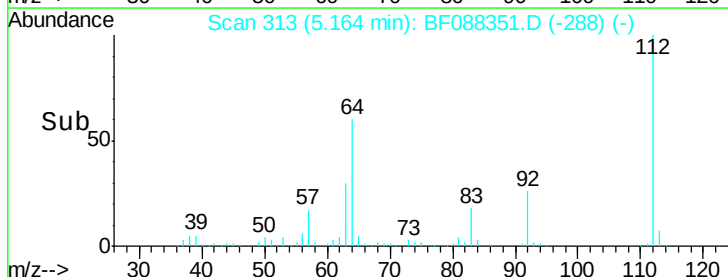
Ion	Ratio	Lower	Upper
112	100		
64	59.8	42.2	63.2
63	29.7	21.8	32.8

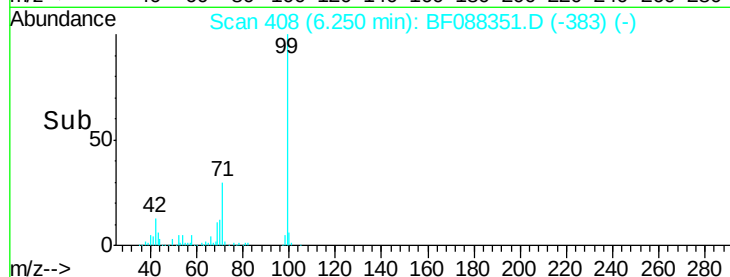
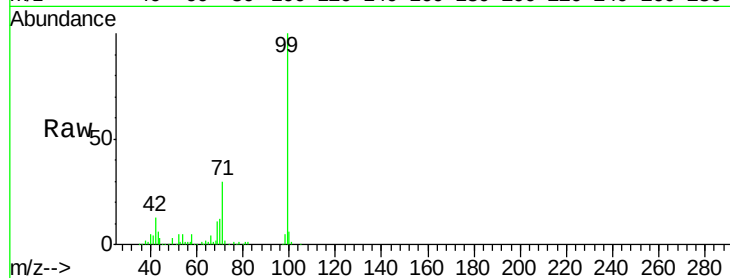
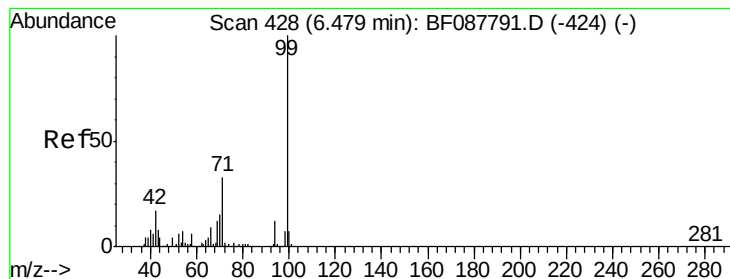


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.62 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

Instrument :

BNA_F

ClientSampleId :

PM-STA-1381(0-4)

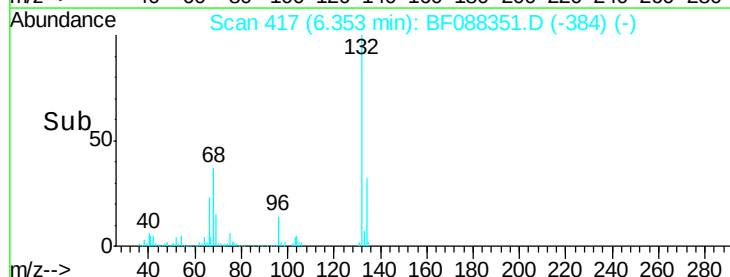
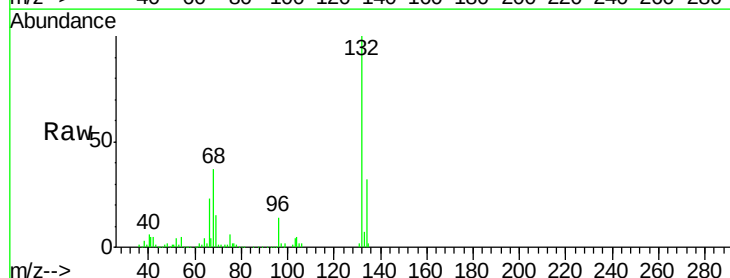
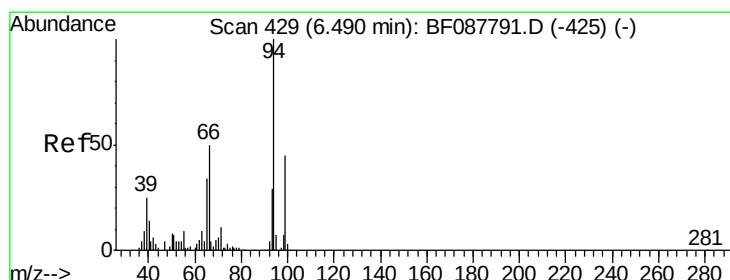
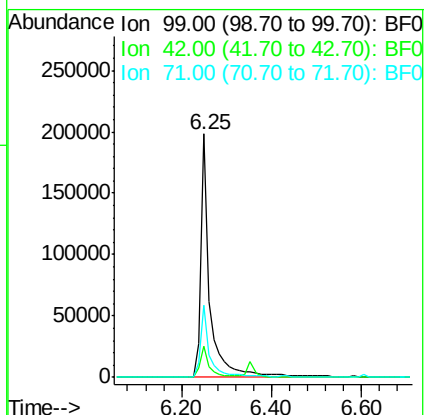
Tgt Ion: 99 Resp: 280608

Ion Ratio Lower Upper

99 100

42 12.6 12.2 18.2

71 29.8 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.35 min Scan# 417

Delta R.T. 0.08 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

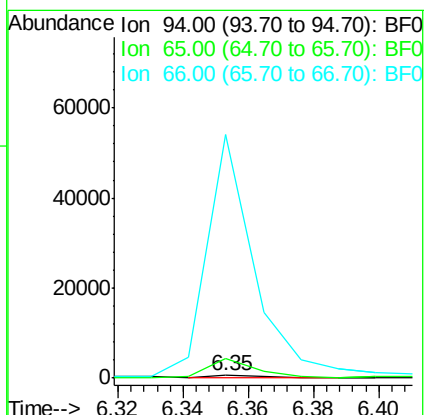
Tgt Ion: 94 Resp: 664

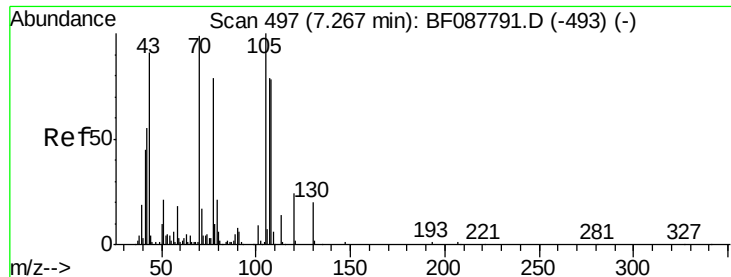
Ion Ratio Lower Upper

94 100

65 675.0 5.9 45.9#

66 8608.9 14.0 54.0#

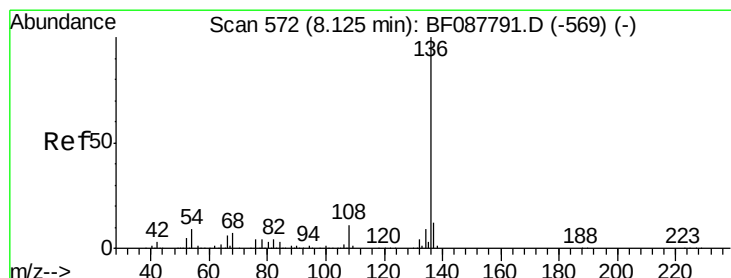
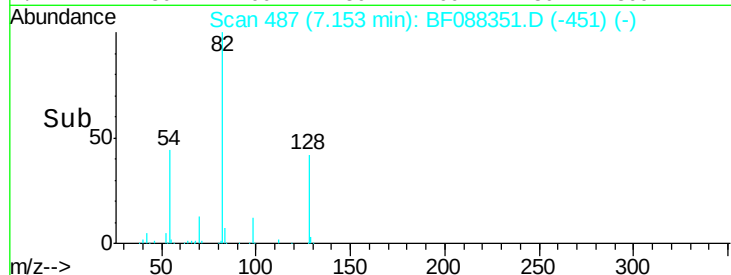
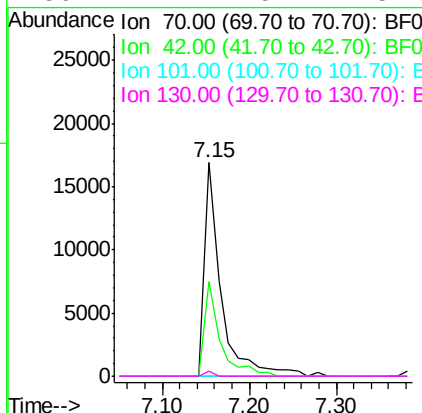
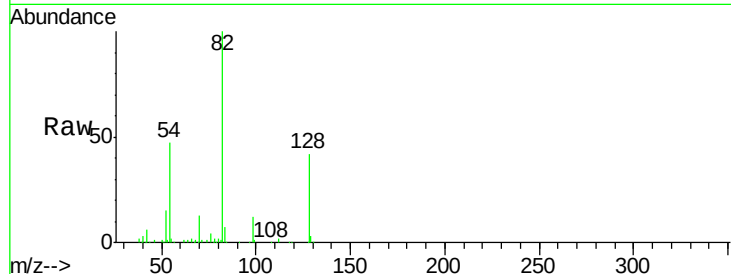




#19
n-Nitroso-di-n-propylamine
Concen: 4.47 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

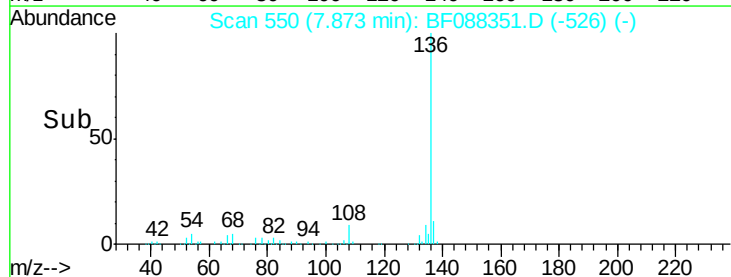
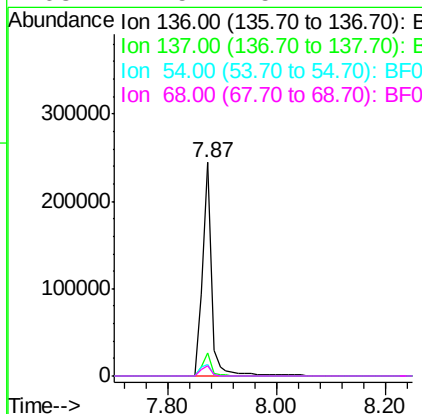
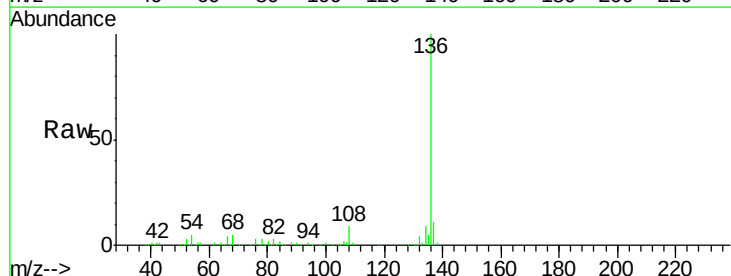
Instrument :
BNA_F
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PM-STA-1381(0-4)

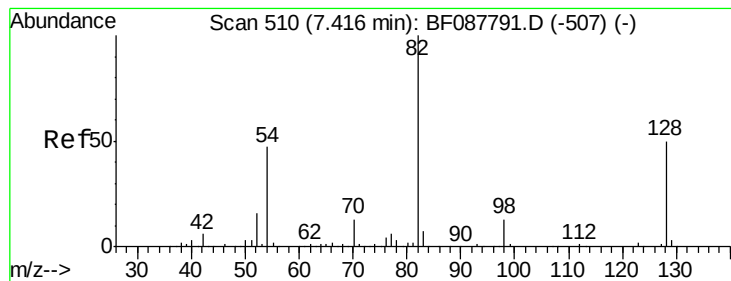
Tgt Ion:	70	Resp:	22548
Ion	Ratio	Lower	Upper
70	100		
42	44.5	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

Tgt Ion:	136	Resp:	281153
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.3	6.6	10.0#
68	4.5	5.1	7.7#





#23

Nitrobenzene-d5

Concen: 37.49 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

Instrument :

BNA_F

ClientSampleId :

PM-STA-1381(0-4)

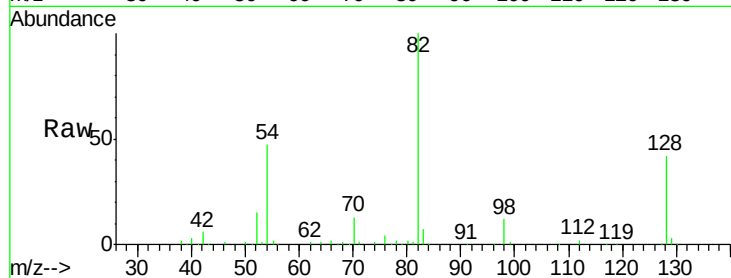
Tgt Ion: 82 Resp: 180511

Ion Ratio Lower Upper

82 100

128 42.1 35.9 53.9

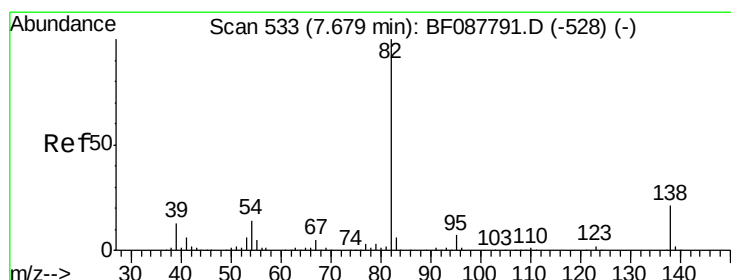
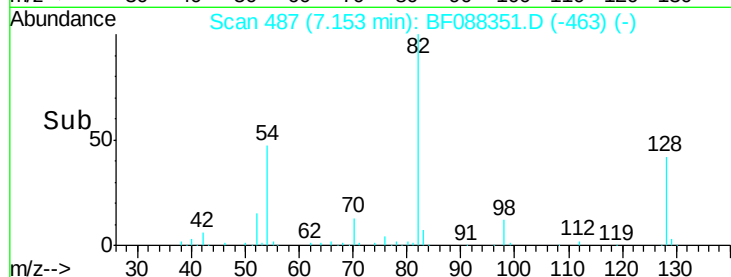
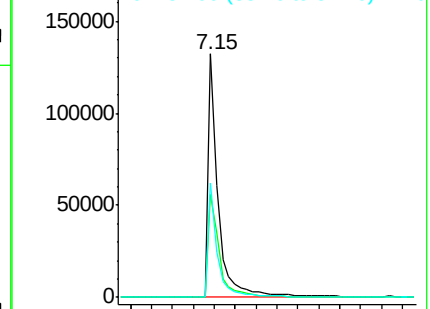
54 46.7 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 19.61 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.29 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

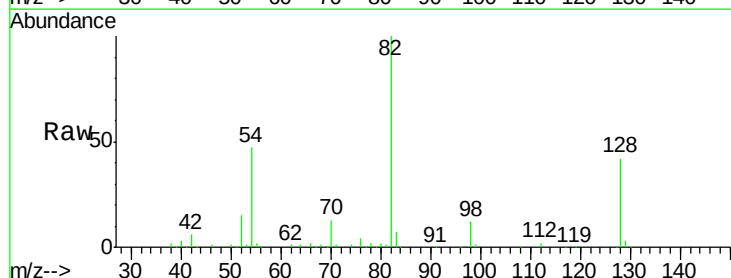
Tgt Ion: 82 Resp: 174869

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

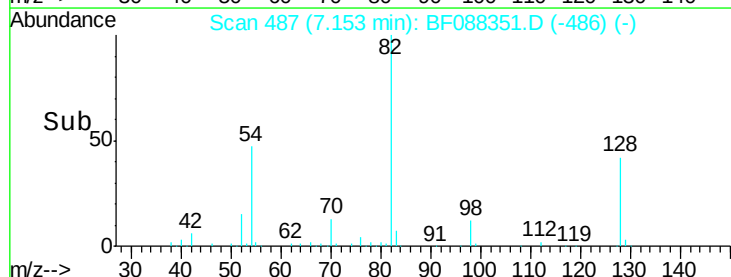
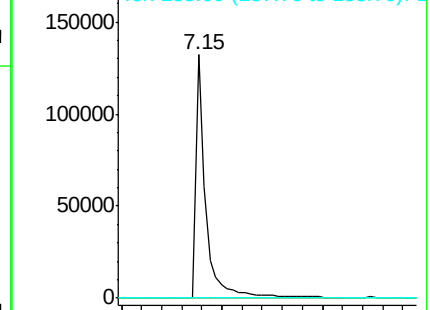
138 0.0 14.6 21.8#

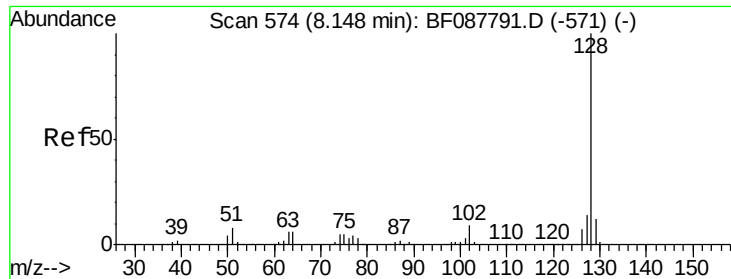


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

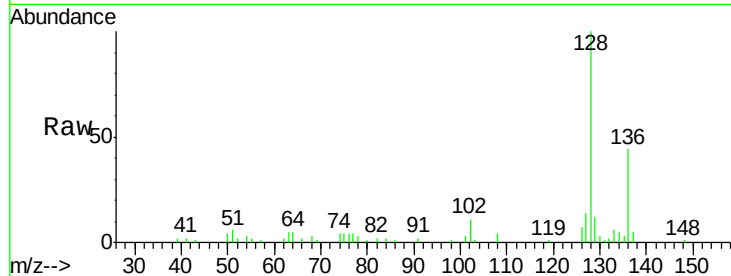




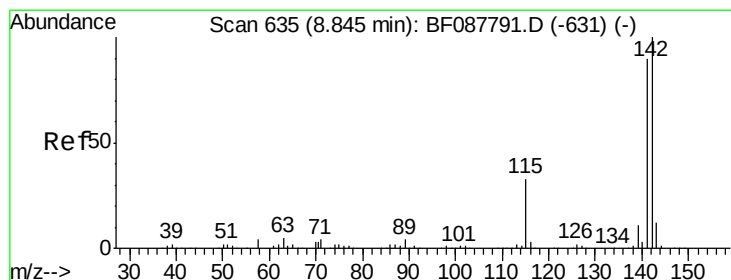
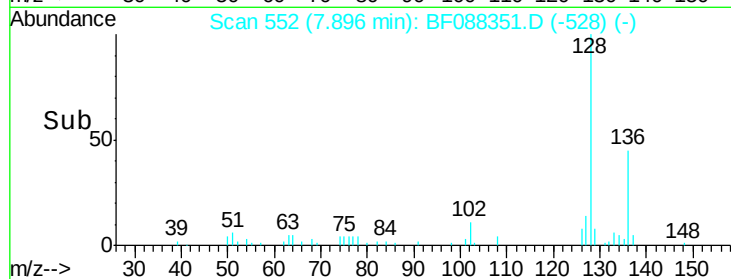
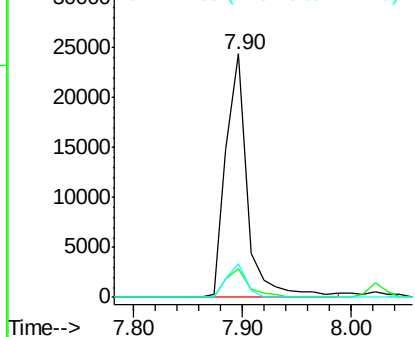
#31
Naphthalene
Concen: 2.43 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

Instrument :
BNA_F
ClientSampleId :
PM-STA-1381(0-4)

Tgt Ion:128 Resp: 33786
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.6 10.9 16.3

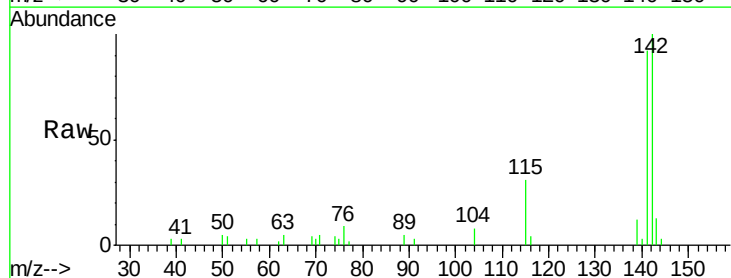


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

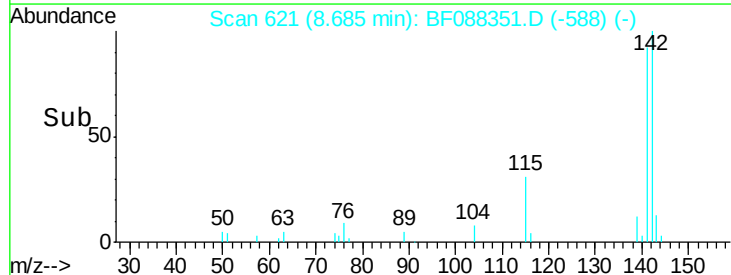
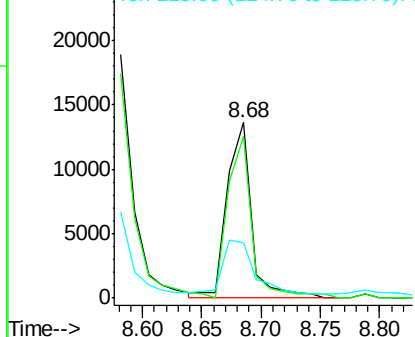


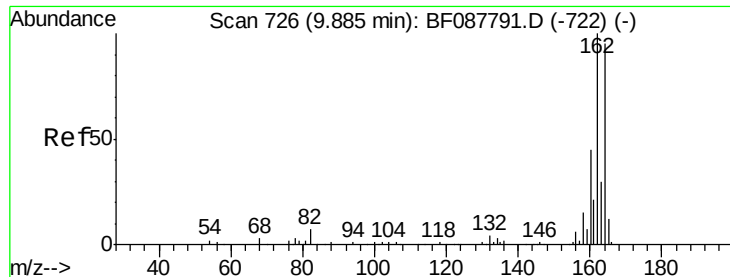
#37
2-Methylnaphthalene
Concen: 2.12 ng
RT: 8.68 min Scan# 621
Delta R.T. 0.08 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

Tgt Ion:142 Resp: 19416
Ion Ratio Lower Upper
142 100
141 91.9 71.0 106.6
115 31.4 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: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

Instrument :

BNA_F

ClientSampleId :

PM-STA-1381(0-4)

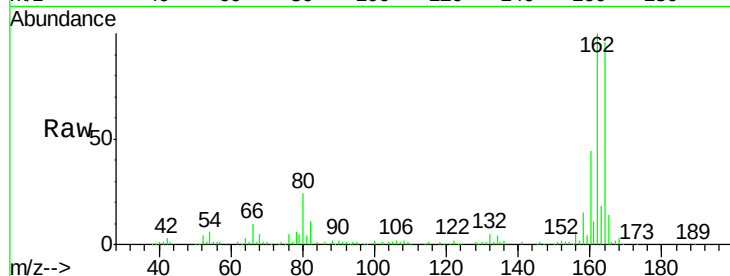
Tgt Ion:164 Resp: 113862

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

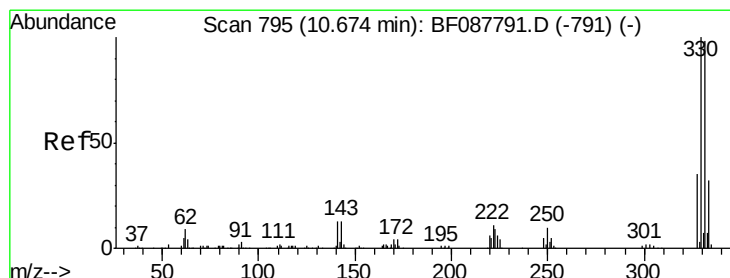
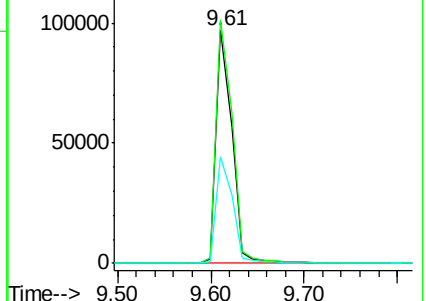
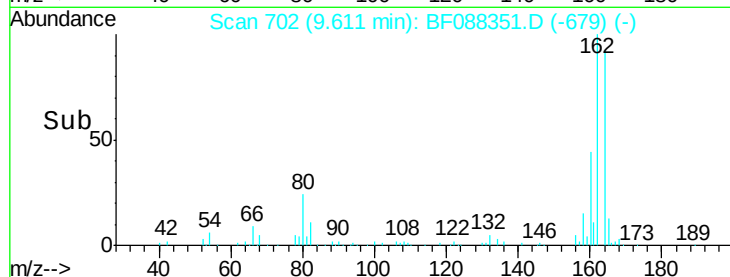
160 45.8 39.5 59.3



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: 36.38 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

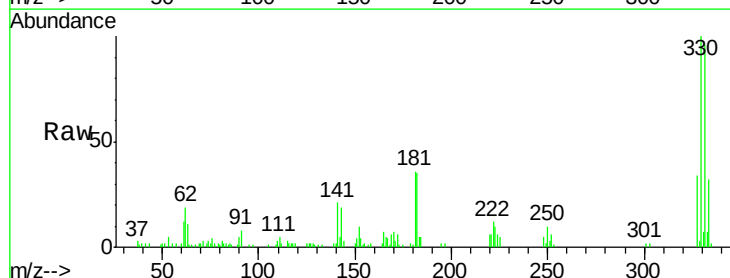
Tgt Ion:330 Resp: 43734

Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

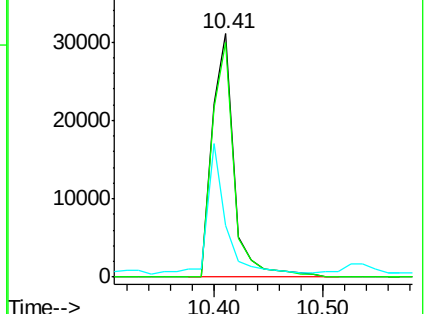
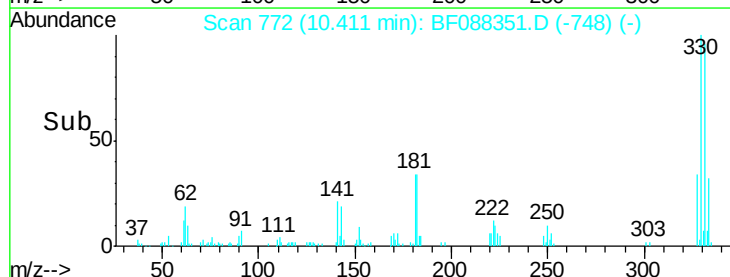
141 46.8 0.0 0.0#

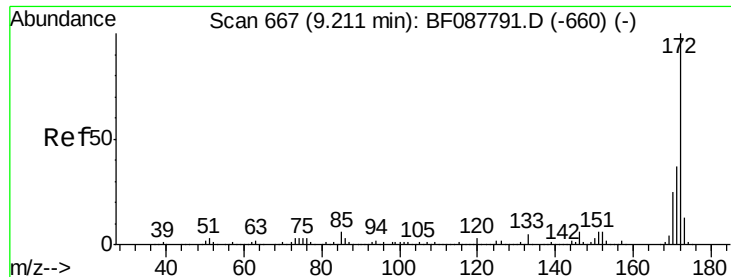


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

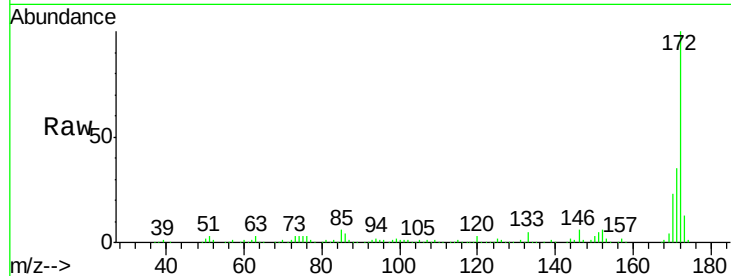




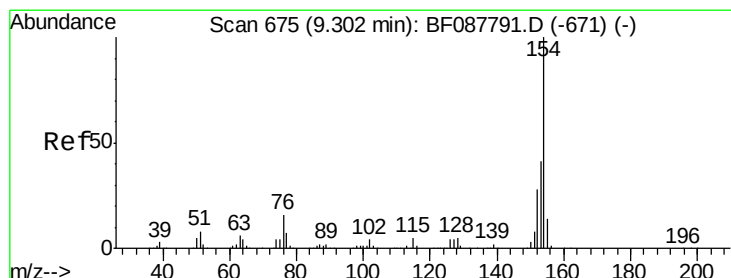
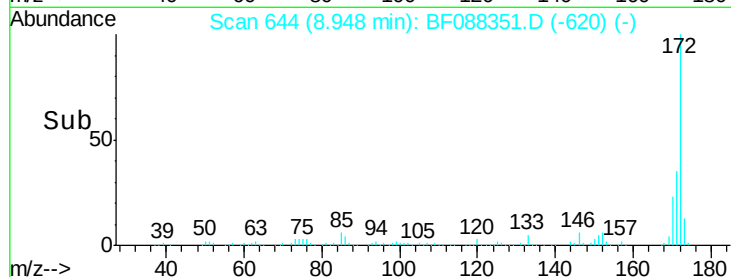
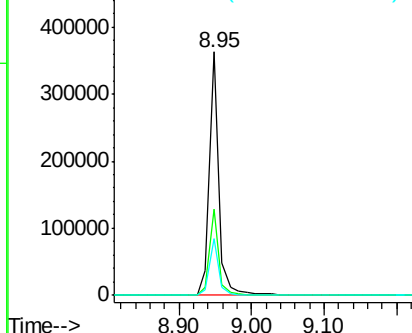
#44
 2-Fluorobiphenyl
 Concen: 43.12 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088351.D
 Acq: 25 Jun 2016 00:42

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1381(0-4)

Tgt Ion:172 Resp: 332322
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.2 19.2 28.8

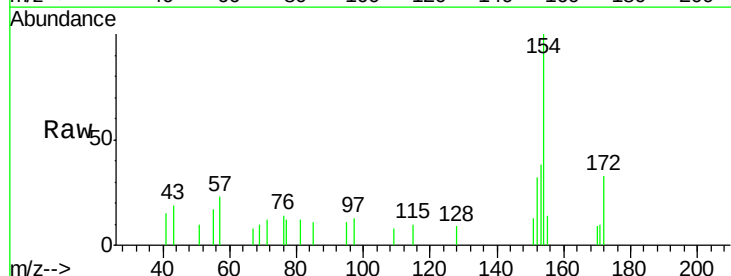


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

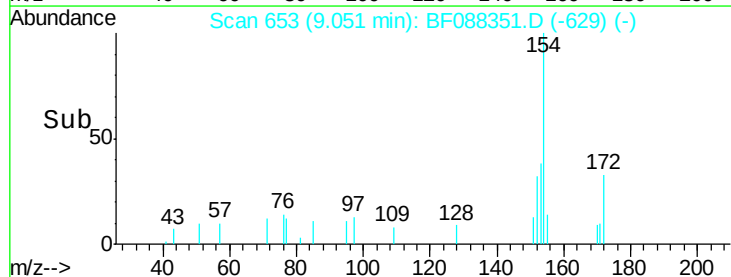
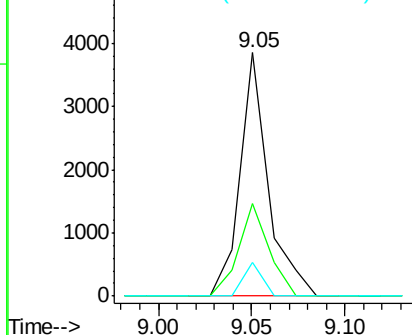


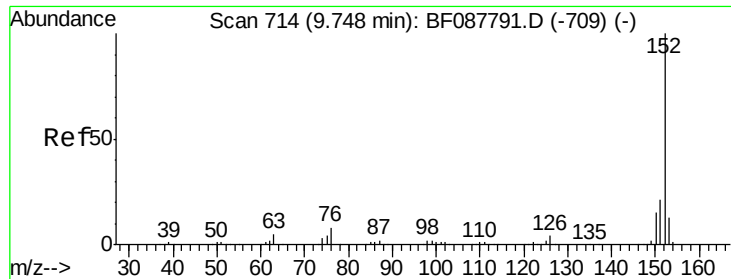
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088351.D
 Acq: 25 Jun 2016 00:42

Tgt Ion:154 Resp: 4055
 Ion Ratio Lower Upper
 154 100
 153 38.2 20.6 60.6
 76 13.7 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 29.31 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

Instrument :

BNA_F

ClientSampleId :

PM-STA-1381(0-4)

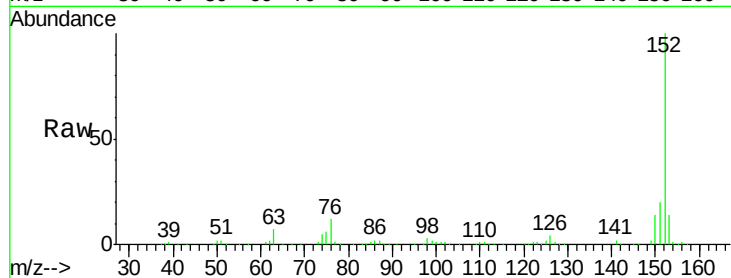
Tgt Ion:152 Resp: 343520

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

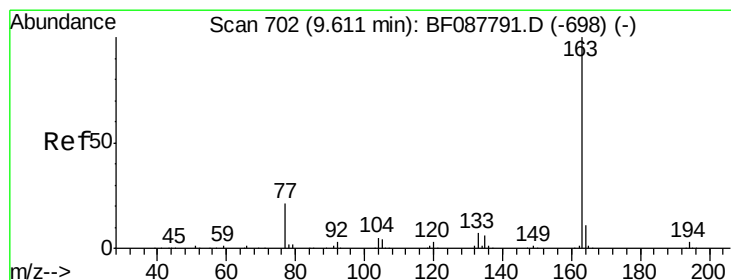
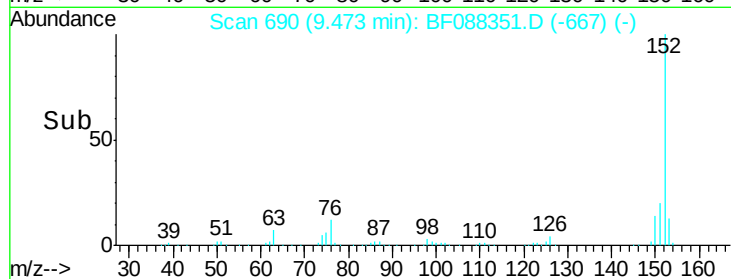
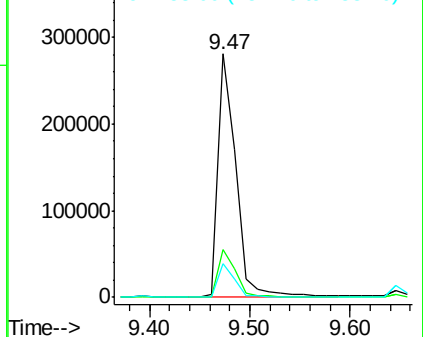
153 13.9 11.0 16.6



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: 4.65 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

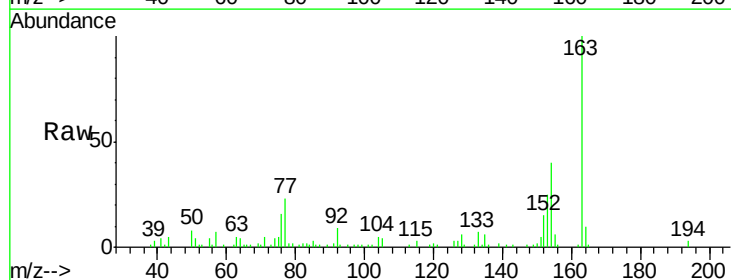
Tgt Ion:163 Resp: 38371

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

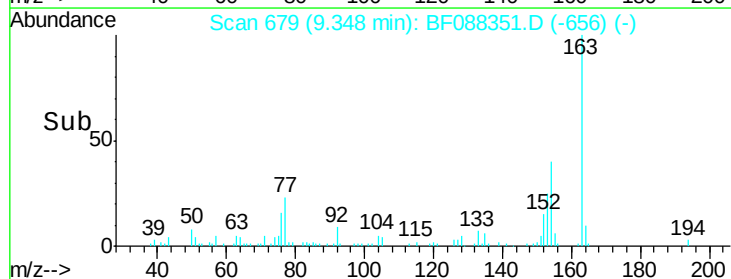
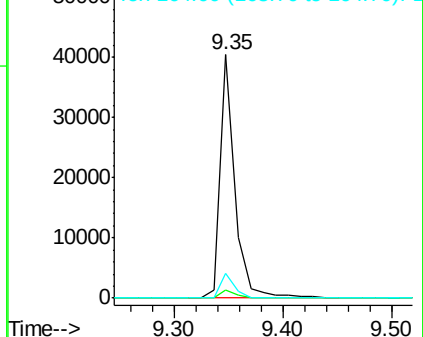
164 10.4 8.3 12.5

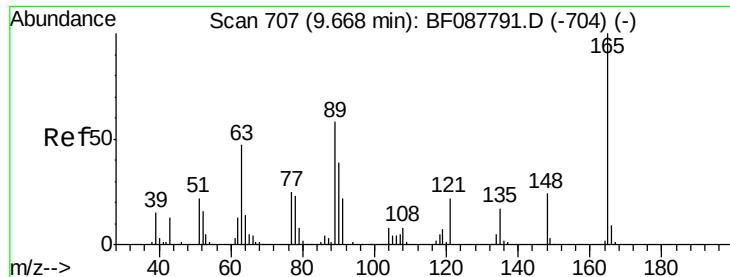


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 8.52 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.16 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

Instrument :

BNA_F

ClientSampleId :

PM-STA-1381(0-4)

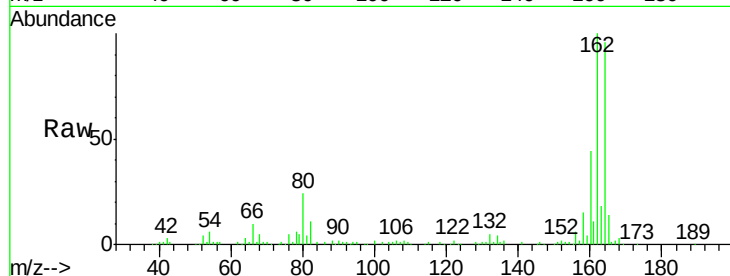
Tgt Ion:165 Resp: 16102

Ion Ratio Lower Upper

165 100

63 3.3 28.1 42.1#

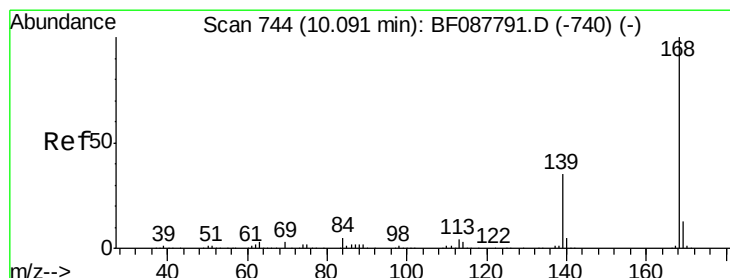
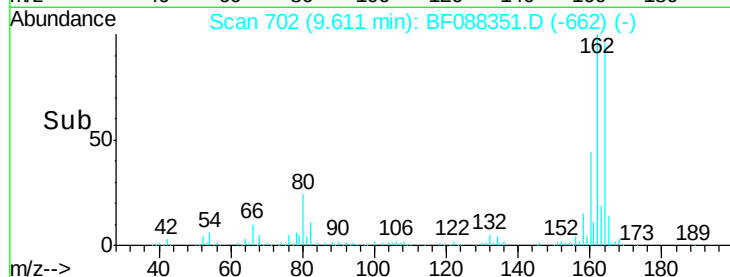
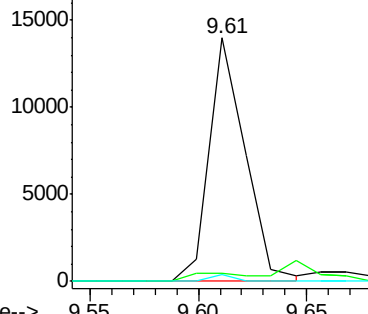
89 3.0 32.2 48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#54

Dibenzofuran

Concen: 2.50 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

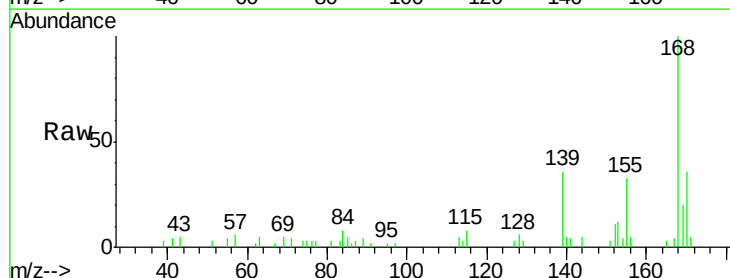
Tgt Ion:168 Resp: 25203

Ion Ratio Lower Upper

168 100

139 35.5 26.4 39.6

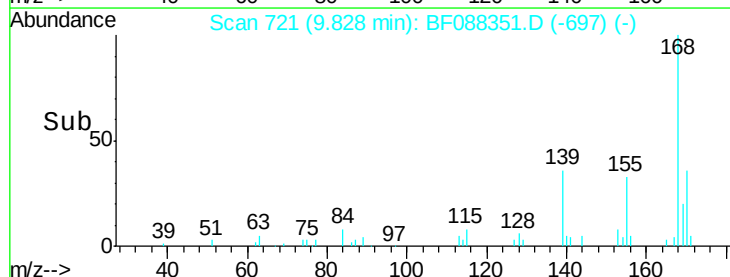
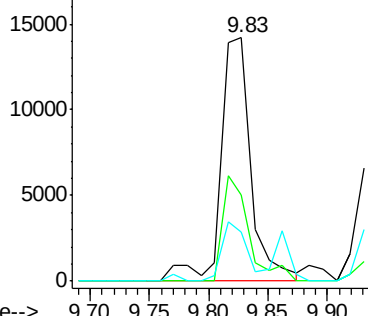
169 20.0 10.4 15.6#

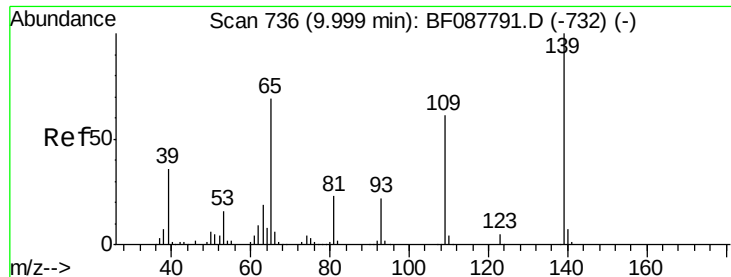


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 5.61 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

Instrument :

BNA_F

ClientSampleId :

PM-STA-1381(0-4)

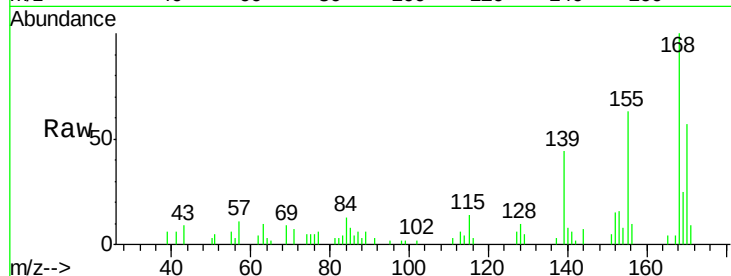
Tgt Ion:139 Resp: 9495

Ion Ratio Lower Upper

139 100

109 0.0 48.9 88.9#

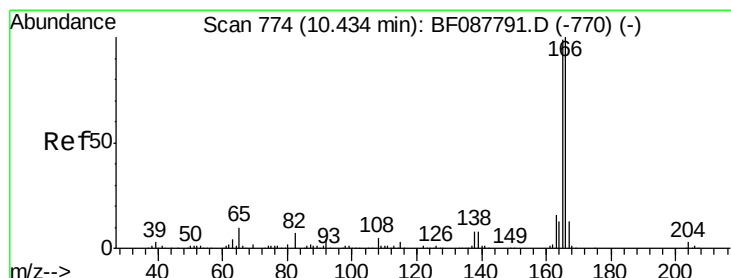
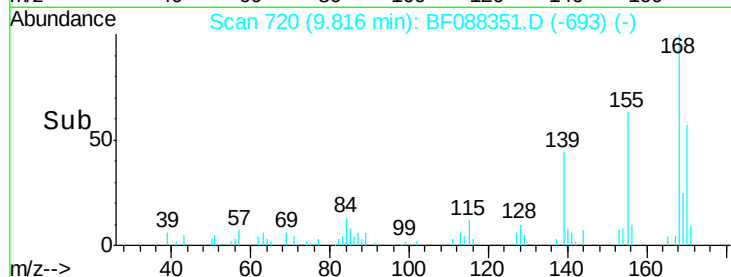
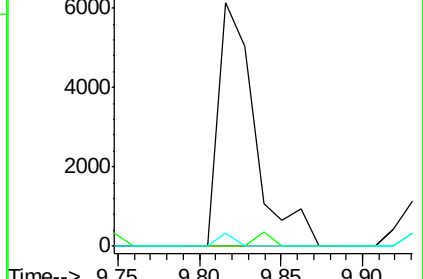
65 5.4 84.9 124.9#



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: 3.60 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

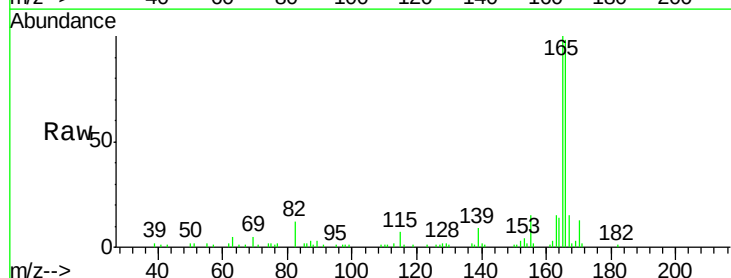
Tgt Ion:166 Resp: 54753

Ion Ratio Lower Upper

166 100

165 102.1 77.8 116.8

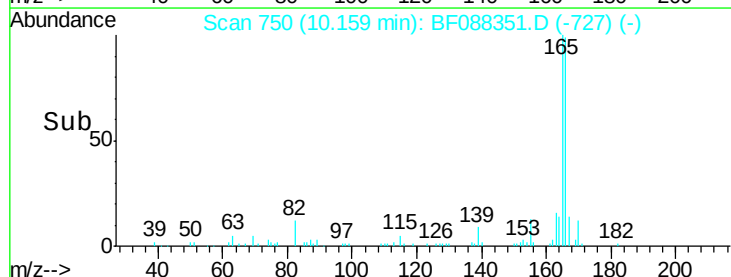
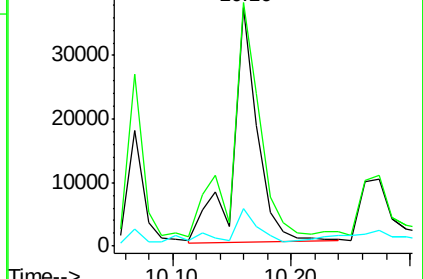
167 15.5 11.2 16.8

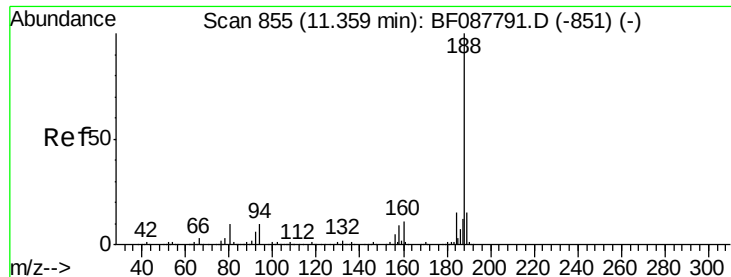


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

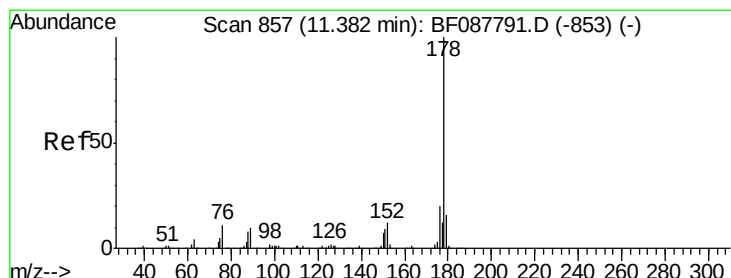
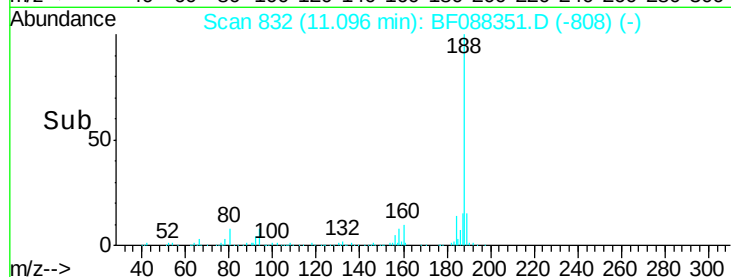
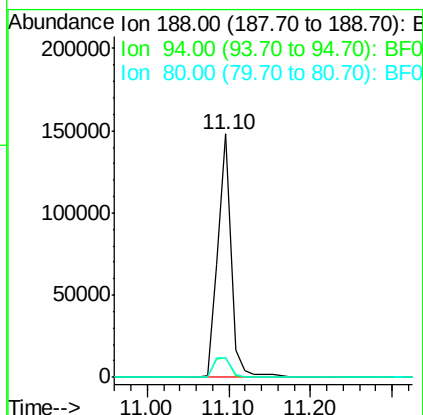
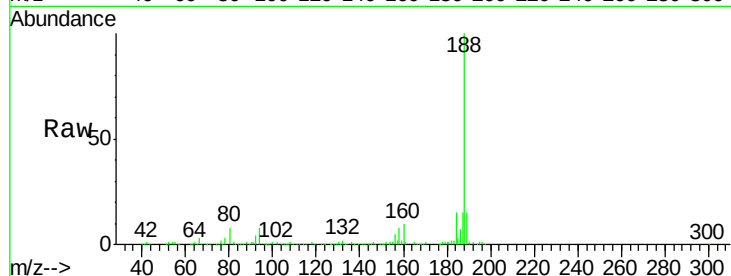




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

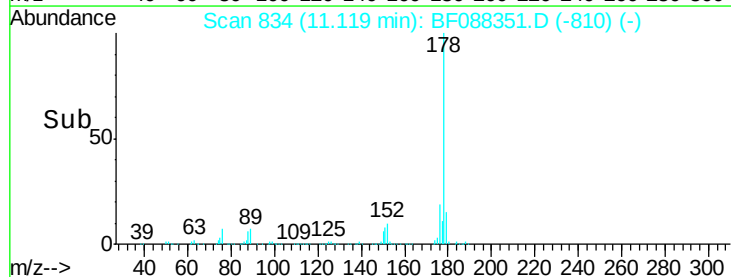
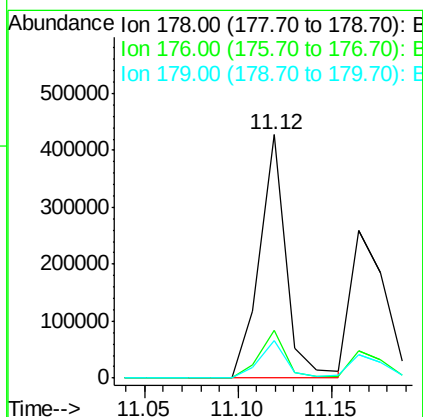
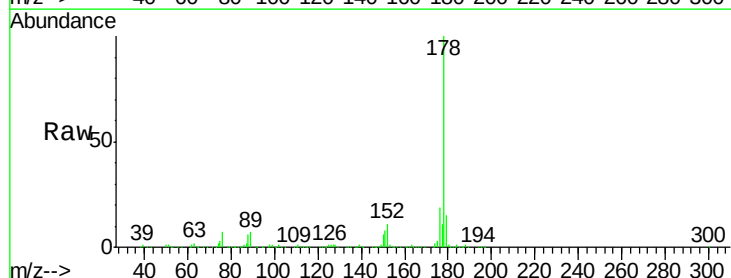
Instrument :
BNA_F
ClientSampleId :
PM-STA-1381(0-4)

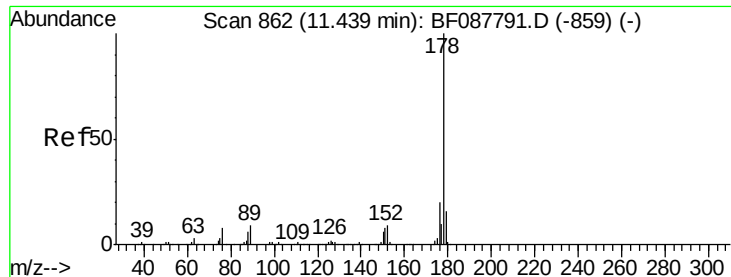
Tgt Ion:188 Resp: 169192
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.6#
80 7.9 10.0 15.0#



#70
Phenanthrene
Concen: 48.15 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

Tgt Ion:178 Resp: 427485
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.2 13.0 19.4





#71

Anthracene

Concen: 39.73 ng

RT: 11.17 min Scan# 838

Delta R.T. -0.03 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

Instrument :

BNA_F

ClientSampleId :

PM-STA-1381(0-4)

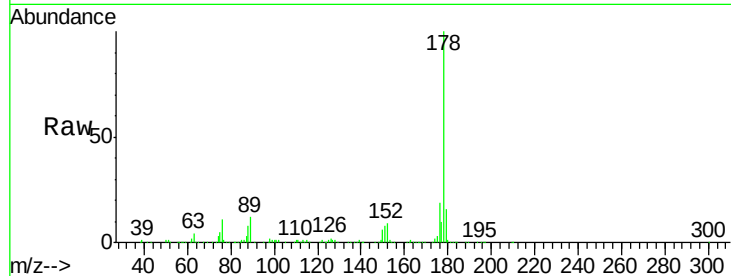
Tgt Ion:178 Resp: 355832

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

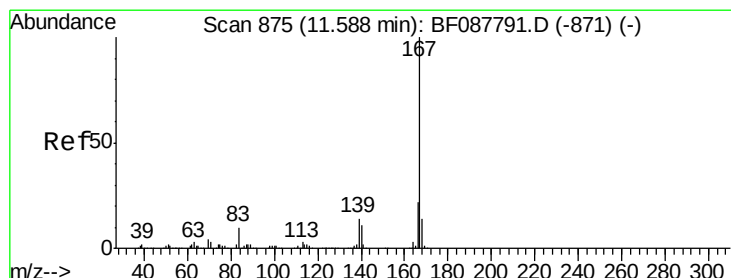
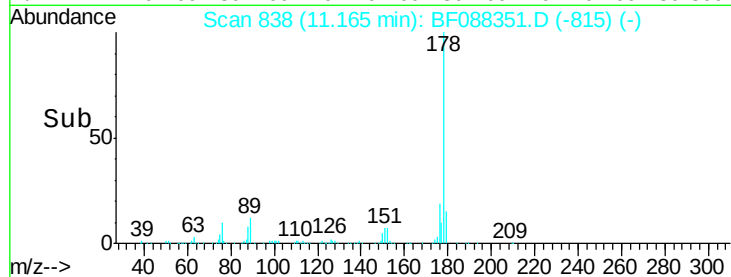
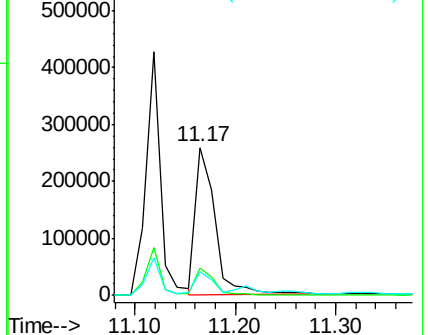
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 7.57 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

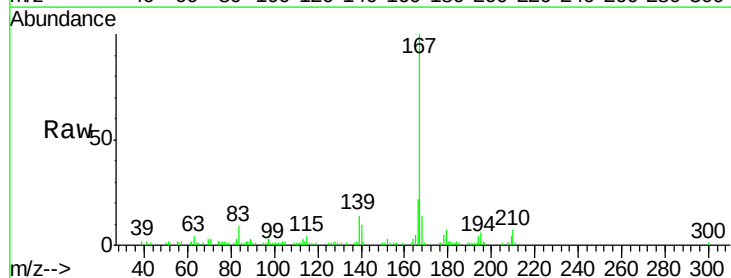
Tgt Ion:167 Resp: 63425

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

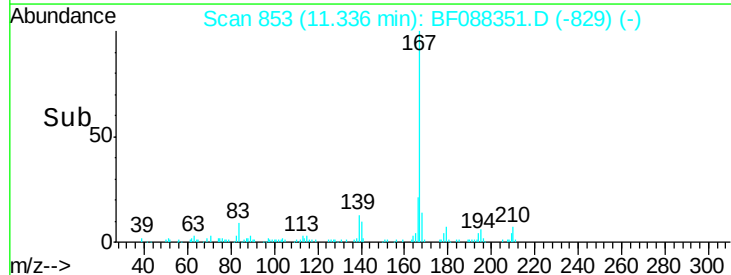
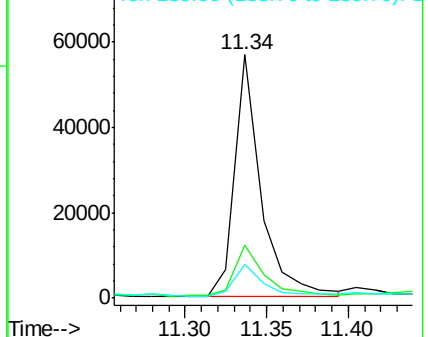
139 13.9 11.2 16.8

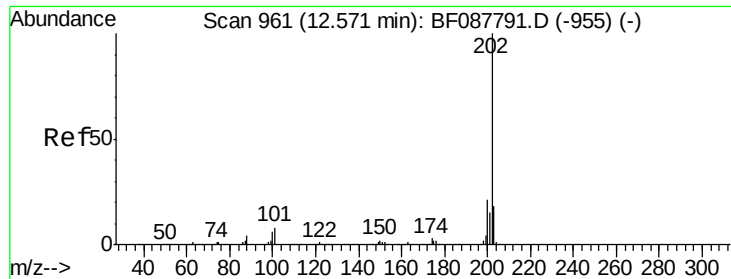


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 167.08 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

Instrument :

BNA_F

ClientSampleId :

PM-STA-1381(0-4)

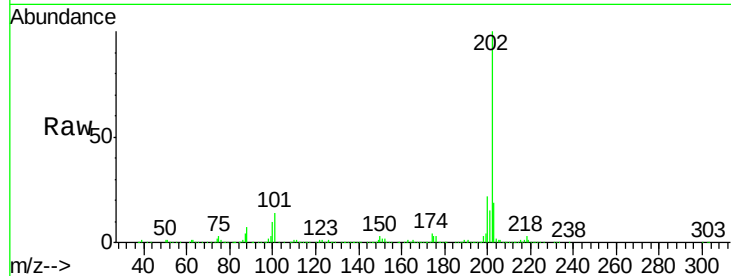
Tgt Ion:202 Resp: 1565429

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.1

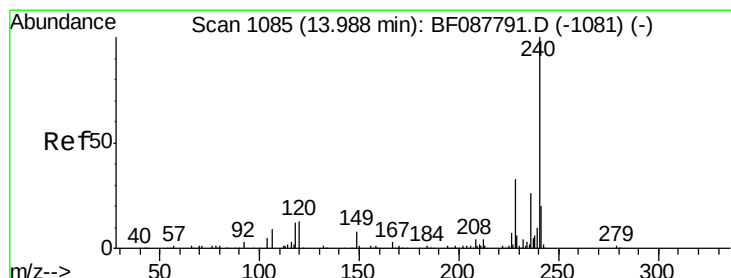
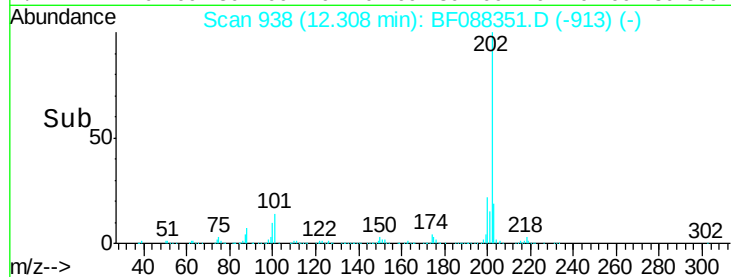
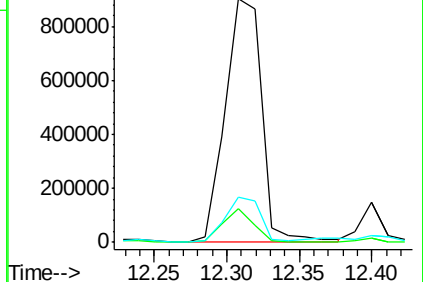
203 18.6 0.0 38.1



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: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

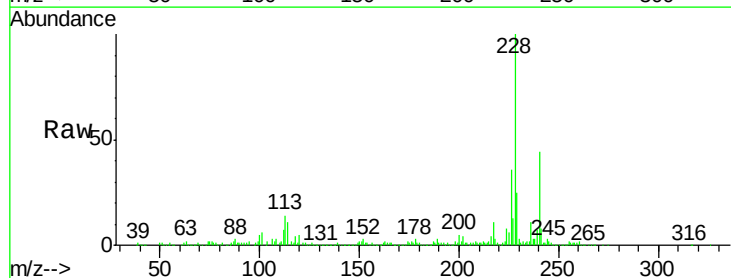
Tgt Ion:240 Resp: 135713

Ion Ratio Lower Upper

240 100

120 11.0 6.8 10.2#

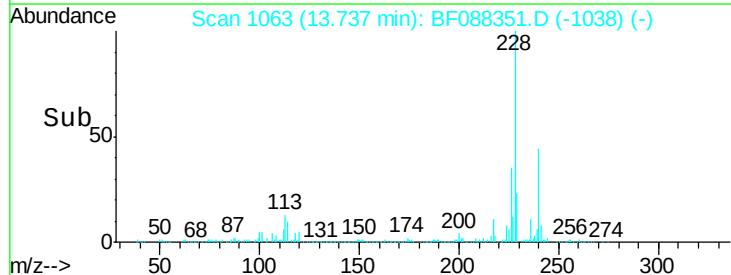
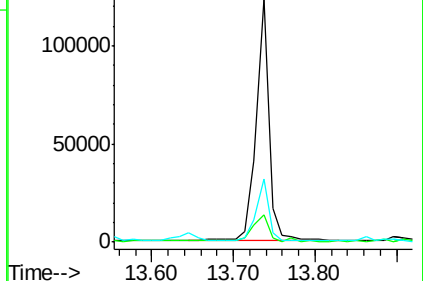
236 25.8 20.2 30.2

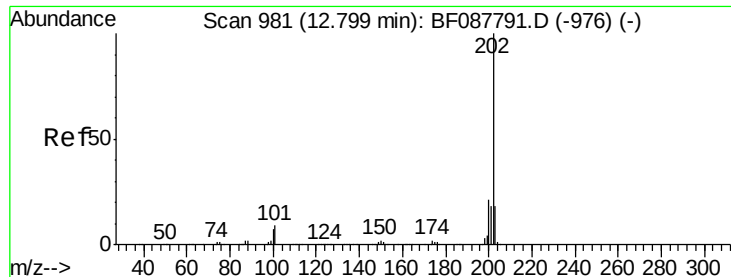


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 154.76 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

Instrument :

BNA_F

ClientSampleId :

PM-STA-1381(0-4)

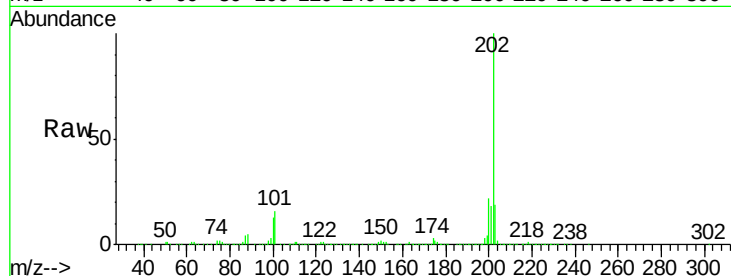
Tgt Ion:202 Resp: 1558575

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

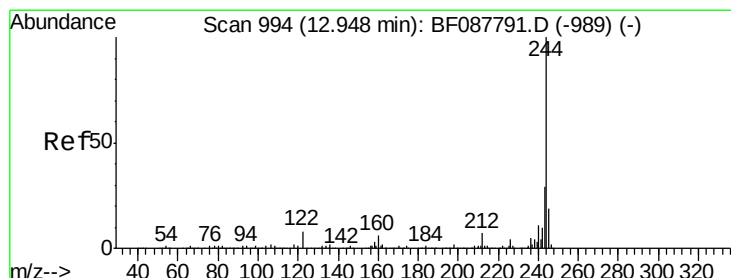
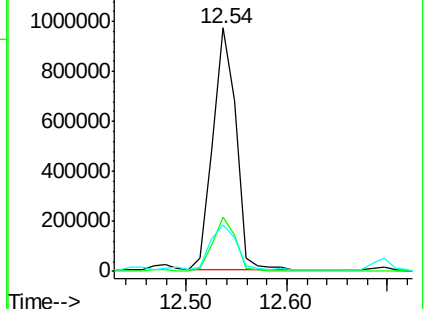
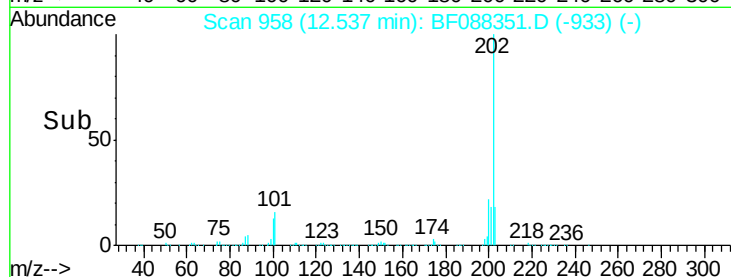
203 18.8 14.5 21.7



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: 33.79 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.02 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

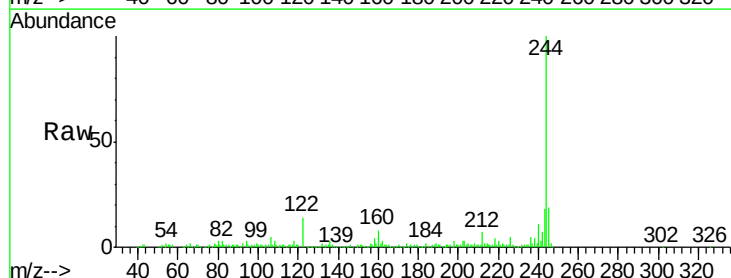
Tgt Ion:244 Resp: 201545

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

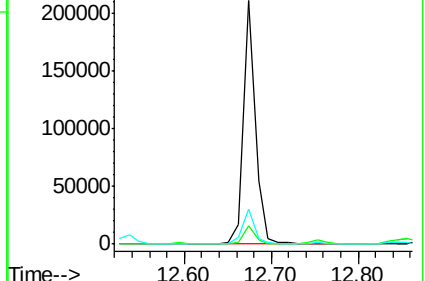
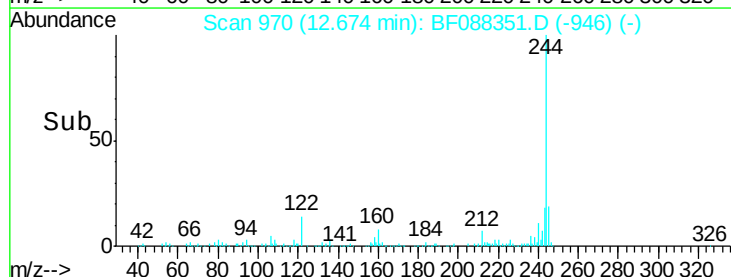
122 14.3 11.2 16.8

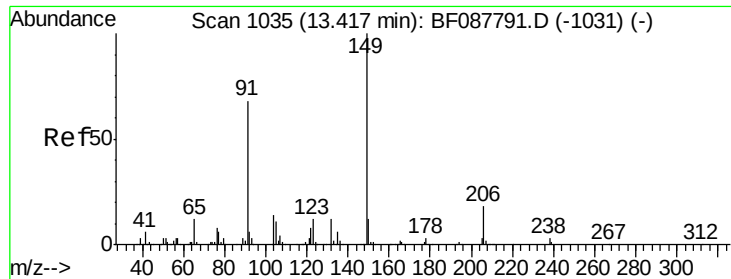


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

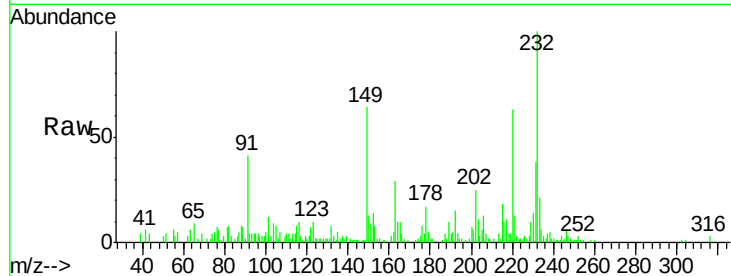




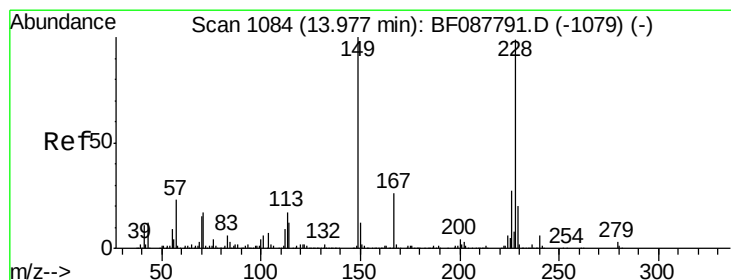
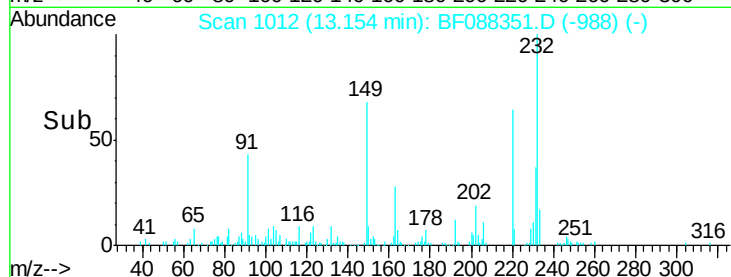
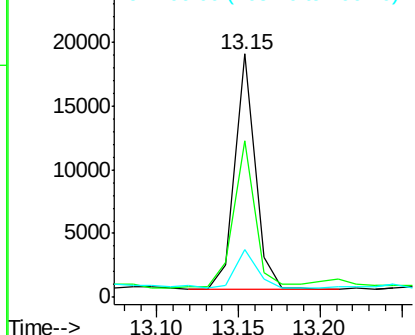
#79
Butylbenzylphthalate
Concen: 3.59 ng
RT: 13.15 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

Instrument :
BNA_F
ClientSampleId :
PM-STA-1381(0-4)

Tgt Ion:149 Resp: 15970
Ion Ratio Lower Upper
149 100
91 64.5 48.0 72.0
206 19.8 16.0 24.0

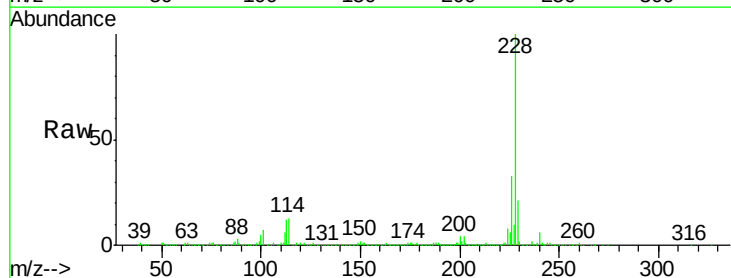


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

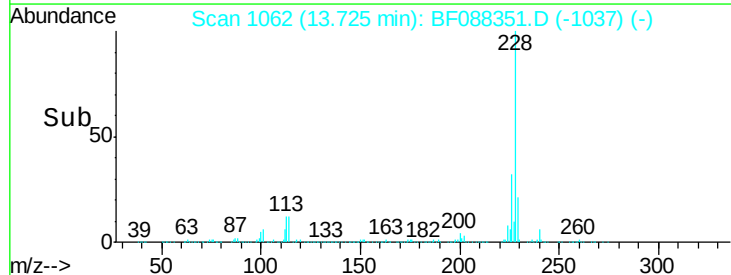
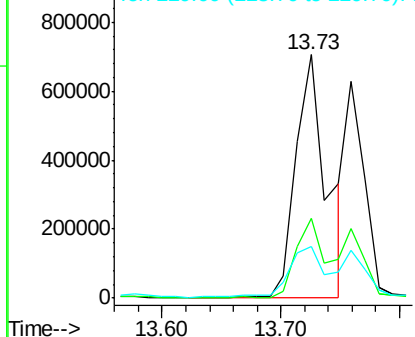


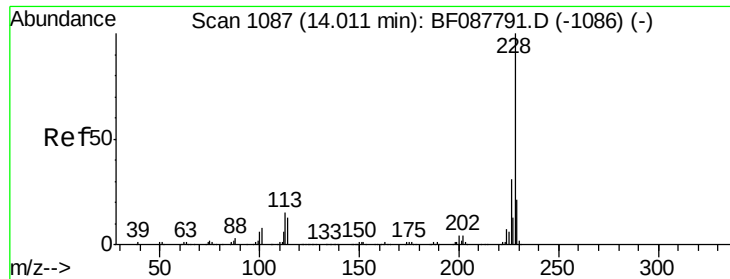
#80
Benzo(a)anthracene
Concen: 163.43 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

Tgt Ion:228 Resp: 1263895
Ion Ratio Lower Upper
228 100
226 32.5 22.3 33.5
229 21.3 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

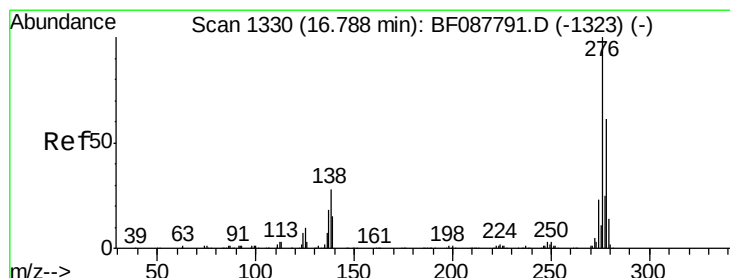
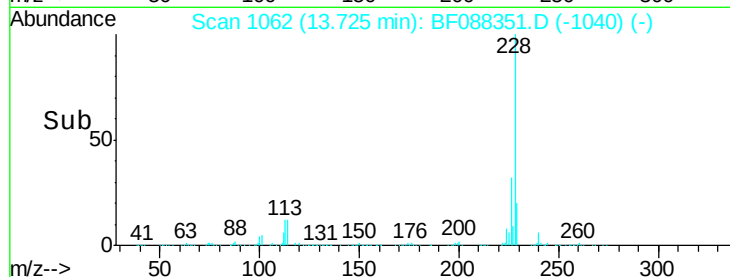
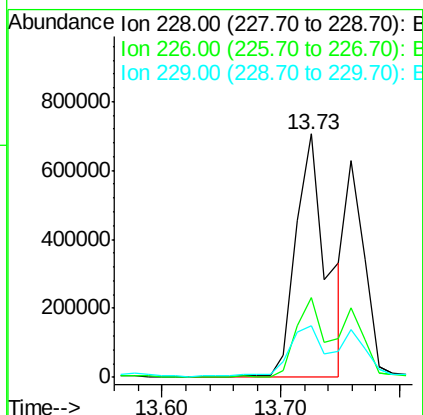
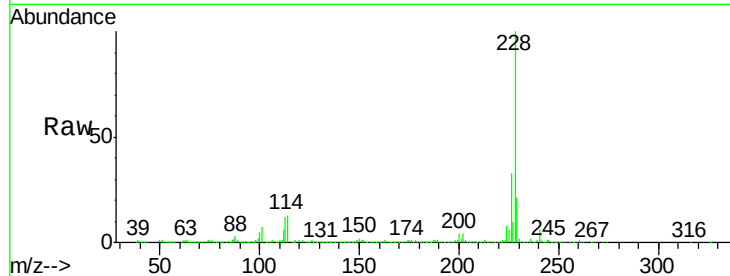




#82
Chrysene
Concen: 173.71 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.05 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

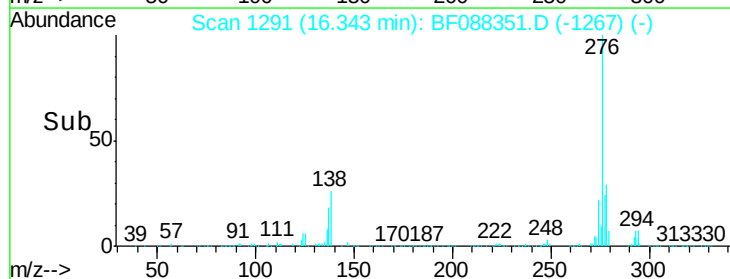
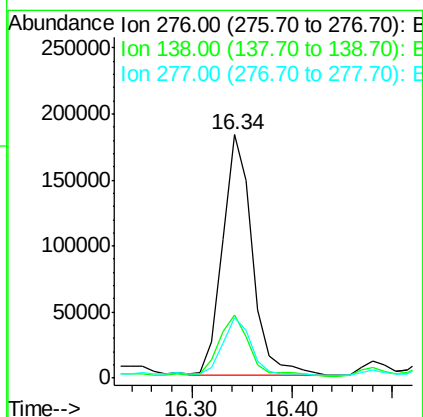
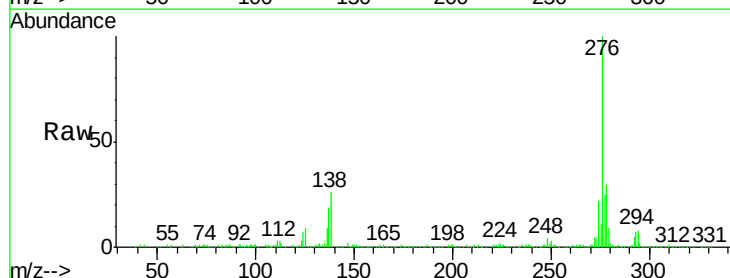
Instrument :
BNA_F
ClientSampleId :
PM-STA-1381(0-4)

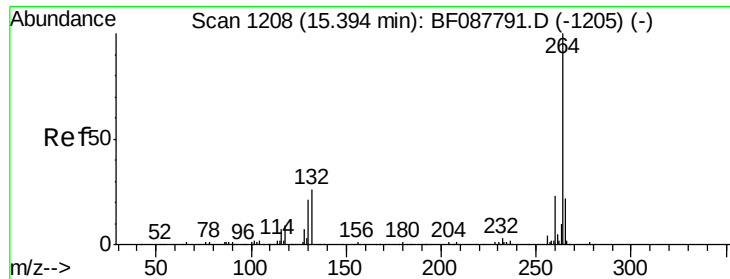
Tgt Ion:228 Resp: 1263895
Ion Ratio Lower Upper
228 100
226 32.5 25.4 38.2
229 21.3 16.3 24.5



#85
Indeno(1,2,3-cd)pyrene
Concen: 55.22 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

Tgt Ion:276 Resp: 373259
Ion Ratio Lower Upper
276 100
138 27.4 0.0 0.0#
277 24.4 0.0 0.0#



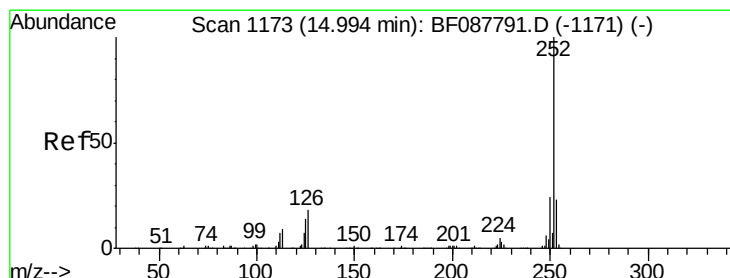
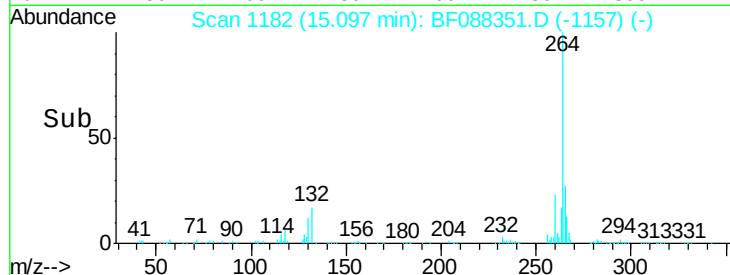
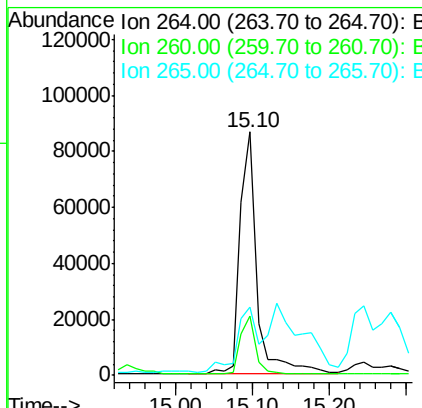
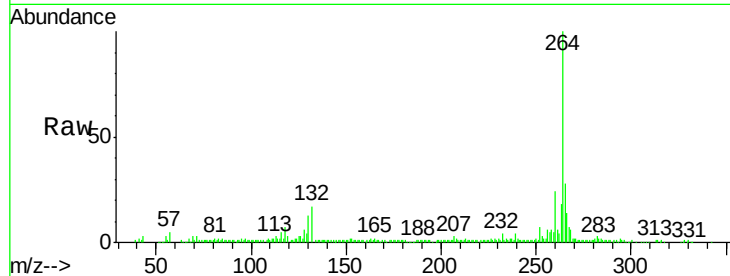


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

Instrument :
BNA_F
ClientSampleId :
PM-STA-1381(0-4)

Tgt Ion: 264 Resp: 133337

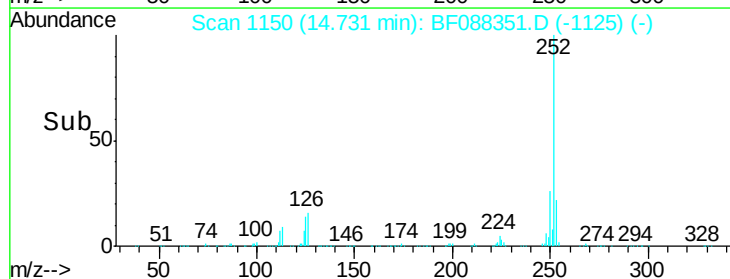
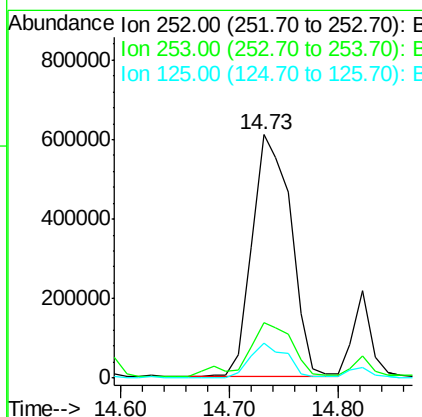
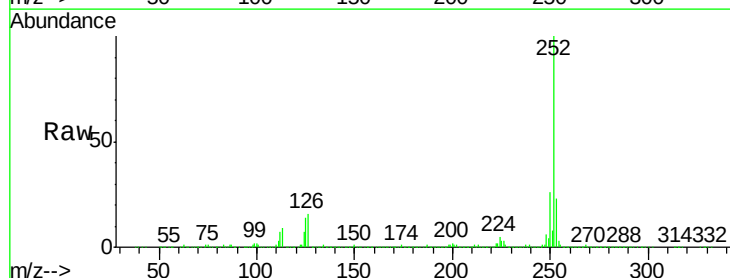
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	28.0	16.9	25.3#

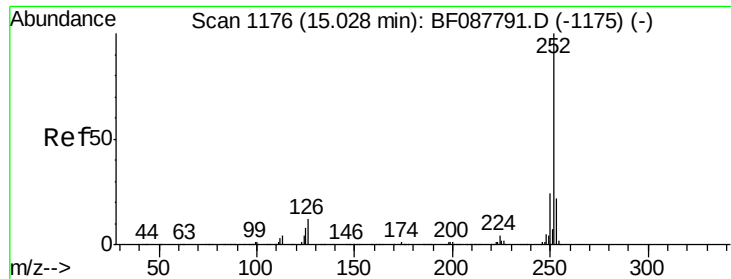


#87
Benzo(b)fluoranthene
Concen: 162.39 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

Tgt Ion: 252 Resp: 1509161

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	14.2	7.1	10.7#

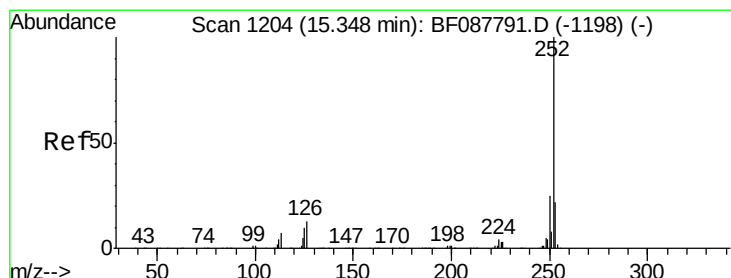
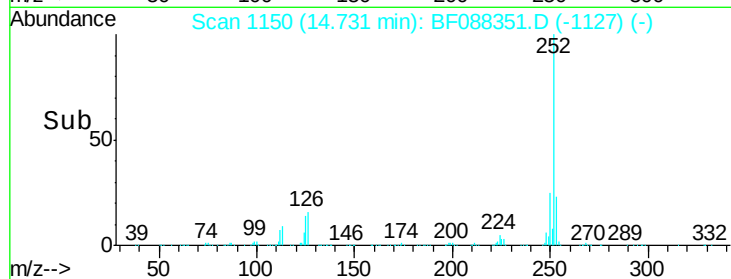
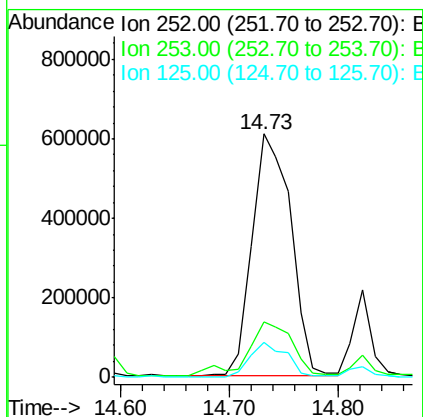
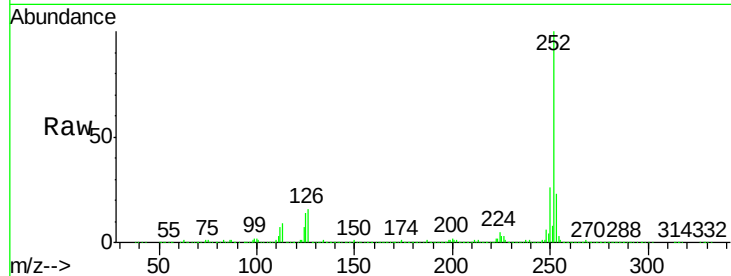




#88
Benzo(k)fluoranthene
Concen: 215.27 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

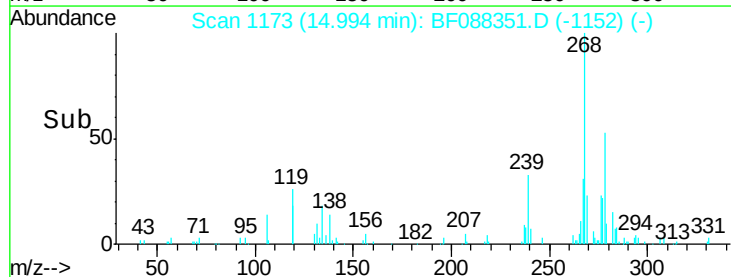
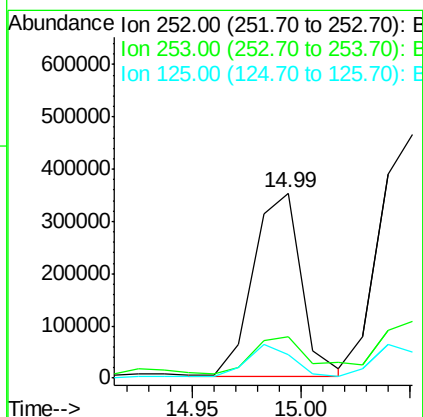
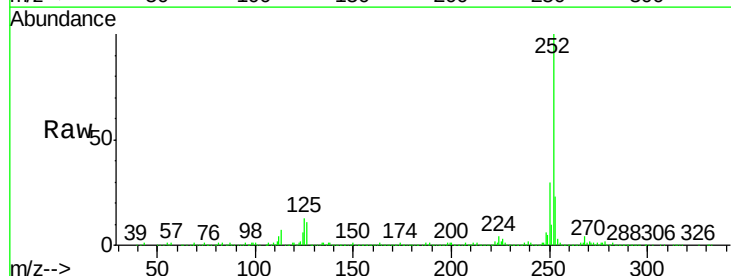
Instrument :
BNA_F
ClientSampleId :
PM-STA-1381(0-4)

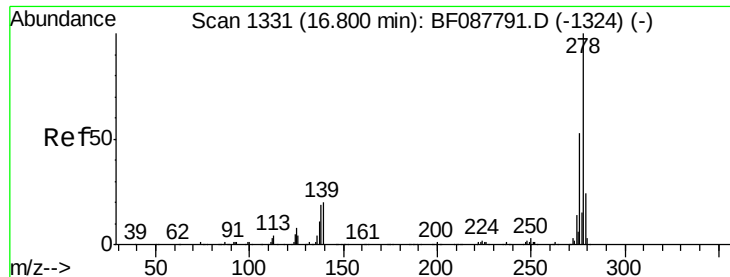
Tgt Ion:252 Resp: 1509161
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 14.2 11.2 16.8



#89
Benzo(a)pyrene
Concen: 72.01 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.06 min
Lab File: BF088351.D
Acq: 25 Jun 2016 00:42

Tgt Ion:252 Resp: 541439
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 12.7 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 10.16 ng

RT: 16.48 min Scan# 1303

Delta R.T. 0.11 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

Instrument :

BNA_F

ClientSampleId :

PM-STA-1381(0-4)

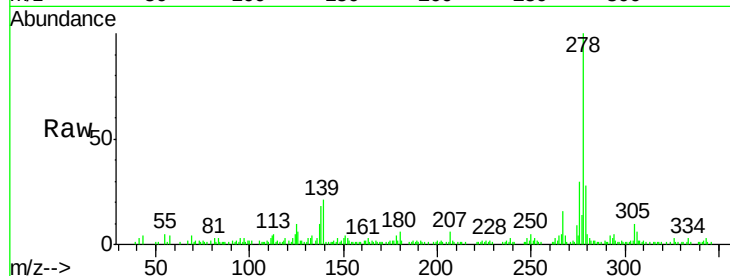
Tgt Ion:278 Resp: 70941

Ion Ratio Lower Upper

278 100

139 21.3 15.7 23.5

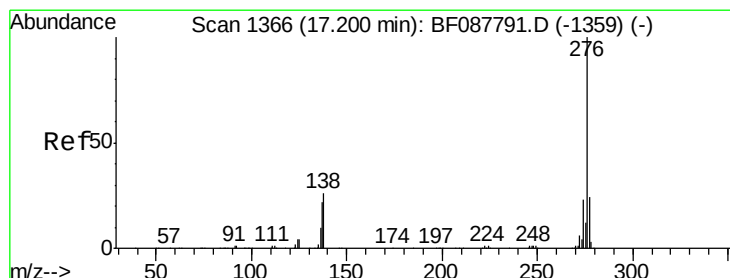
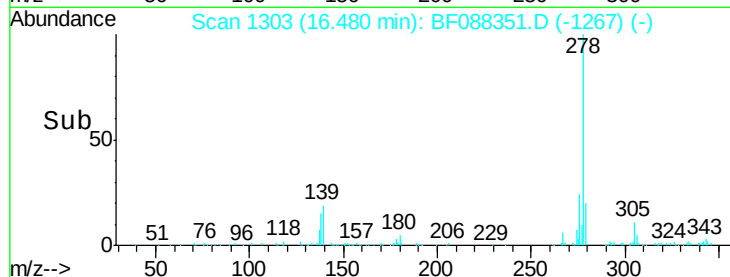
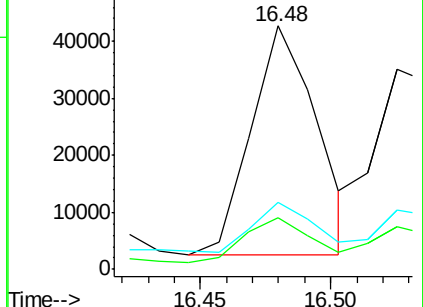
279 27.7 19.4 29.2



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: 43.94 ng

RT: 16.72 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF088351.D

Acq: 25 Jun 2016 00:42

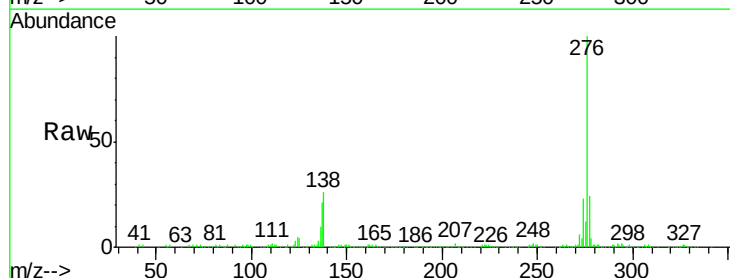
Tgt Ion:276 Resp: 315631

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 25.5 21.4 32.2



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

