

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088350.D
 Acq On : 25 Jun 2016 00:13
 Operator : UM/SJ
 Sample : H3599-02 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1402(0-4)

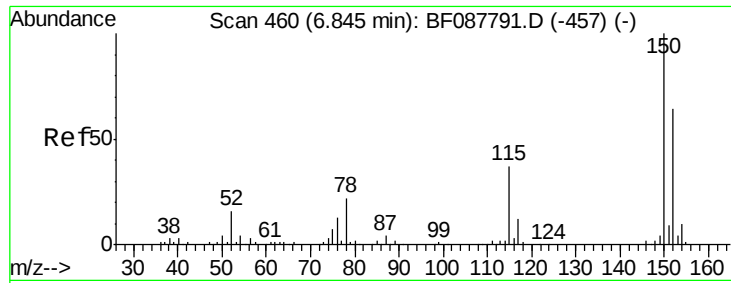
Quant Time: Jun 25 03:42:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	105944	20.00	ng	0.14
21) Naphthalene-d8	7.87	136	298723	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	120212	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	181815	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	135068	20.00	ng	-0.01
86) Perylene-d12	15.10	264	143552	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	222235	35.86	ng	-0.01
7) Phenol-d6	6.25	99	274997	36.61	ng	-0.01
23) Nitrobenzene-d5	7.15	82	169567	33.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	43521	34.29	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	324552	39.44	ng	-0.02
78) Terphenyl-d14	12.67	244	201853	34.01	ng	-0.02

Target Compounds				Qvalue		
10) Phenol	6.35	94	983	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	22842	4.75	ng	71
25) Isophorone	7.15	82	164713	17.38	ng	65
31) Naphthalene	7.90	128	129159	8.74	ng	98
33) 4-Chloroaniline	7.90	127	16378	2.48	ng	37
37) 2-Methylnaphthalene	8.58	142	52447	5.38	ng	96
45) 1,1'-Biphenyl	9.05	154	16180	Below Cal		97
48) Acenaphthylene	9.47	152	396361	32.03	ng	100
49) Dimethylphthalate	9.35	163	48317	5.55	ng	99
50) 2,6-Dinitrotoluene	9.61	165	17274	8.66	ng	# 44
54) Dibenzofuran	9.83	168	61913	5.82	ng	97
55) 4-Nitrophenol	9.82	139	23809	13.33	ng	# 8
57) Fluorene	10.34	166	13968	Below Cal		93
64) 4,6-Dinitro-2-methylphenol	10.43	198	244	2.37	ng	# 12
70) Phenanthrene	11.12	178	345234	36.19	ng	98
71) Anthracene	11.16	178	311065	32.32	ng	99
72) Carbazole	11.34	167	117981	13.10	ng	98
74) Fluoranthene	12.31	202	1065239	105.80	ng	100
77) Pyrene	12.54	202	1090728	108.82	ng	100
80) Benzo(a)anthracene	13.72	228	764906	99.38	ng	# 87
82) Chrysene	13.72	228	764906	105.63	ng	# 92
83) Bis(2-ethylhexyl)phthalate	13.71	149	14047	2.60	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.35	276	428268	63.66	ng	# 100
87) Benzo(b)fluoranthene	14.74	252	1417844	141.71	ng	# 95
88) Benzo(k)fluoranthene	14.74	252	1417844	187.85	ng	98
89) Benzo(a)pyrene	14.99	252	504343	62.30	ng	98
90) Dibenzo(a,h)anthracene	16.49	278	76578	10.19	ng	96
91) Benzo(g,h,i)perylene	16.73	276	358669	46.38	ng	97

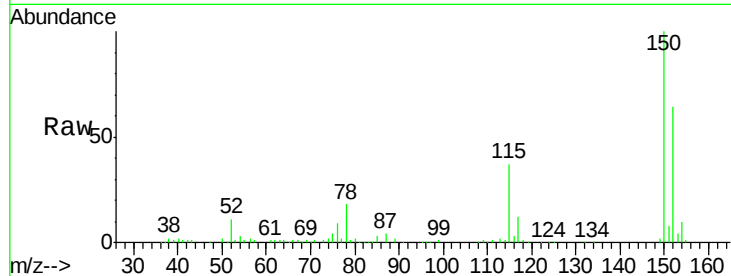
(#) = qualifier out of range (m) = manual integration (+) = signals summed



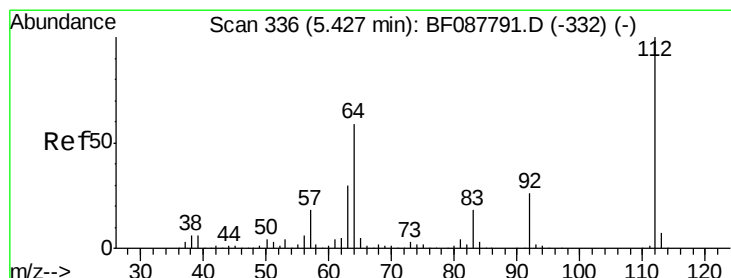
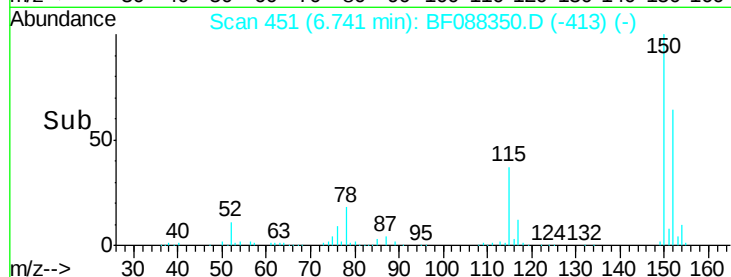
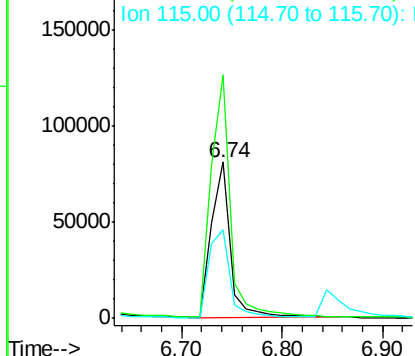
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 451
 Delta R.T. 0.14 min
 Lab File: BF088350.D
 Acq: 25 Jun 2016 00:13

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1402(0-4)

Tgt Ion:152 Resp: 105944
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.8 185.6
 115 57.2 39.6 59.4

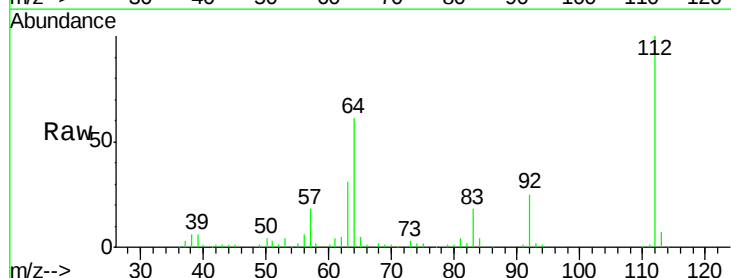


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

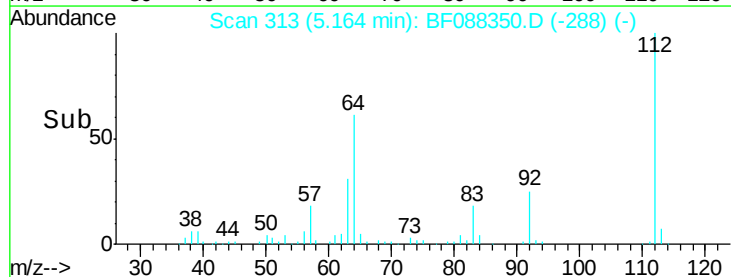
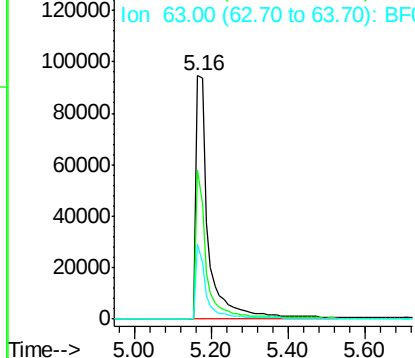


#5
 2-Fluorophenol
 Concen: 35.86 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: BF088350.D
 Acq: 25 Jun 2016 00:13

Tgt Ion:112 Resp: 222235
 Ion Ratio Lower Upper
 112 100
 64 61.3 42.2 63.2
 63 30.6 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: 36.61 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088350.D

Acq: 25 Jun 2016 00:13

Instrument :

BNA_F

ClientSampleId :

PM-STA-1402(0-4)

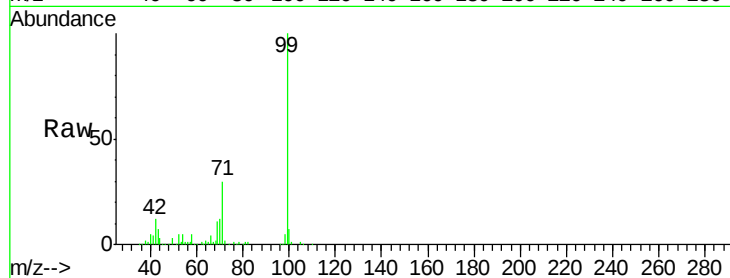
Tgt Ion: 99 Resp: 274997

Ion Ratio Lower Upper

99 100

42 12.4 12.2 18.2

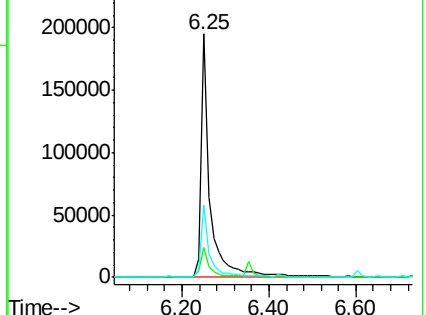
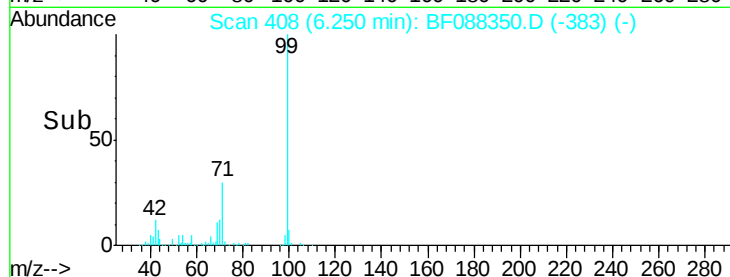
71 29.6 23.4 35.0



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



#10

Phenol

Concen: Below Cal

RT: 6.35 min Scan# 417

Delta R.T. 0.08 min

Lab File: BF088350.D

Acq: 25 Jun 2016 00:13

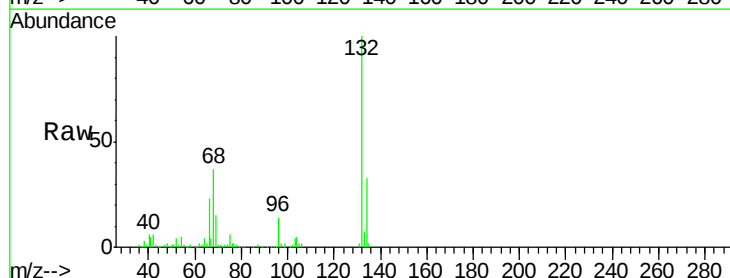
Tgt Ion: 94 Resp: 983

Ion Ratio Lower Upper

94 100

65 611.7 5.9 45.9#

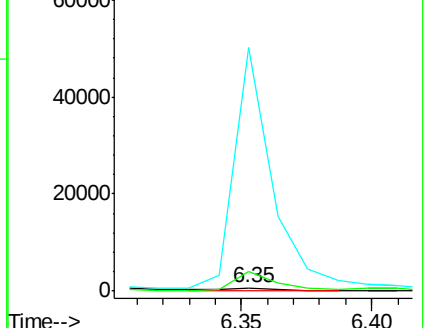
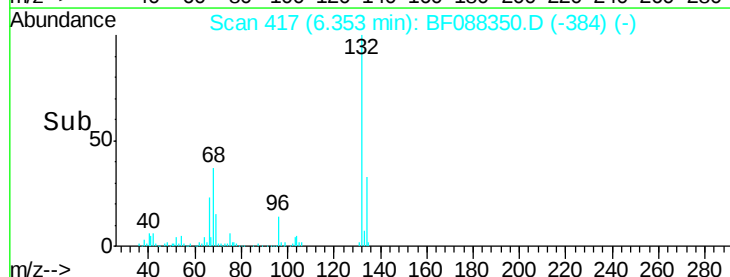
66 7802.2 14.0 54.0#

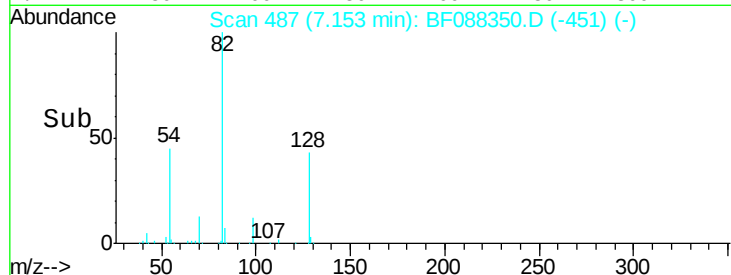
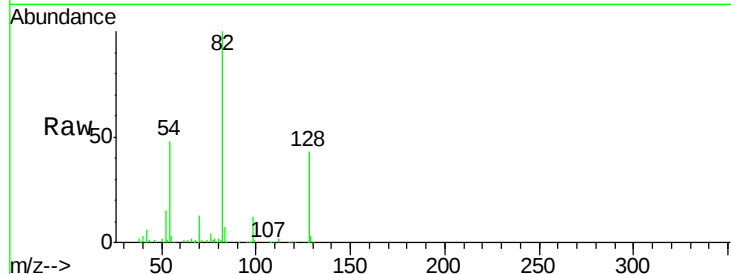


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

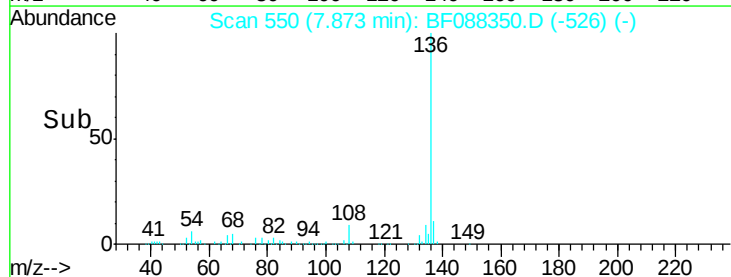
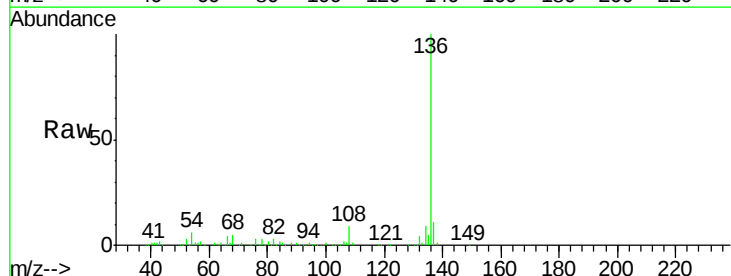
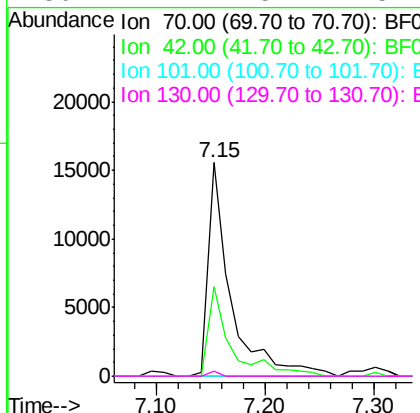




#19
n-Nitroso-di-n-propylamine
Concen: 4.75 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF088350.D
Acq: 25 Jun 2016 00:13

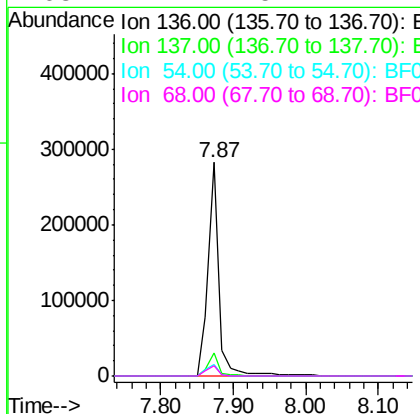
Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)

Tgt Ion: 70 Resp: 22842
Ion Ratio Lower Upper
70 100
42 41.8 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: BF088350.D
Acq: 25 Jun 2016 00:13

Tgt Ion: 136 Resp: 298723
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 5.7 6.6 10.0#
68 4.7 5.1 7.7#

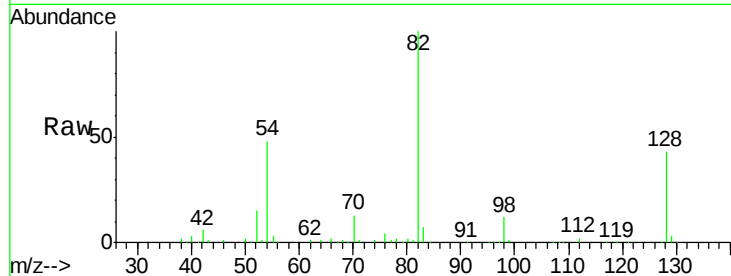




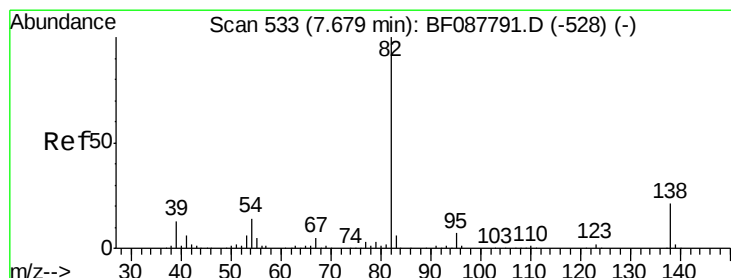
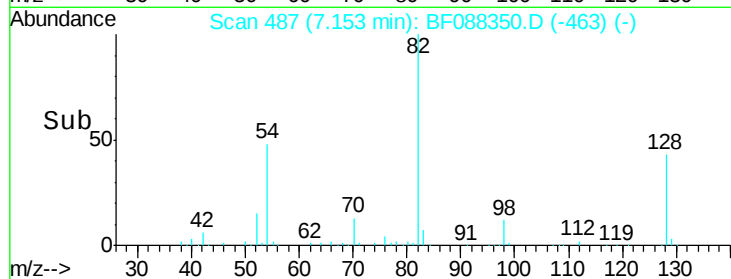
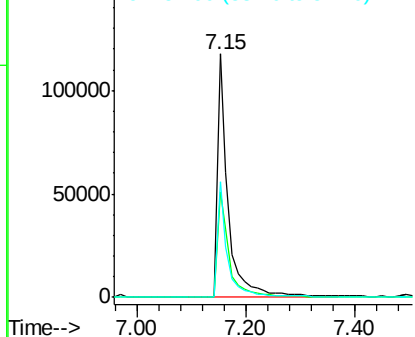
#23
Nitrobenzene-d5
Concen: 33.15 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF088350.D
Acq: 25 Jun 2016 00:13

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.9	53.9
54	47.7	40.9	61.3

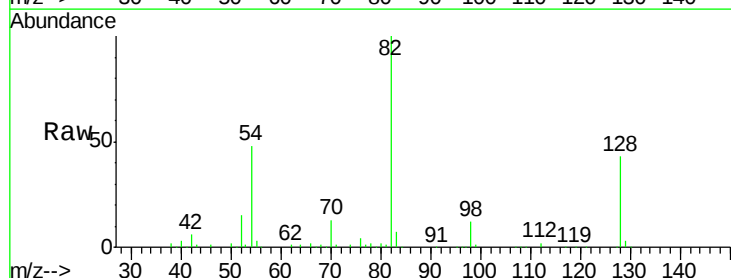


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

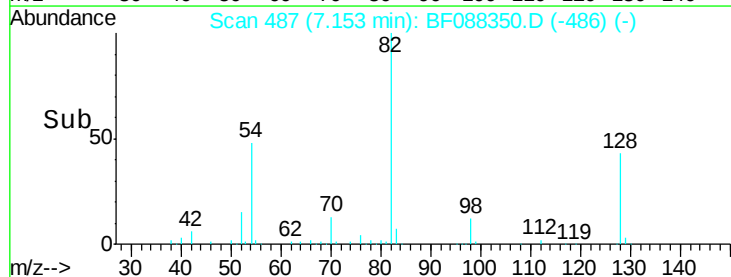
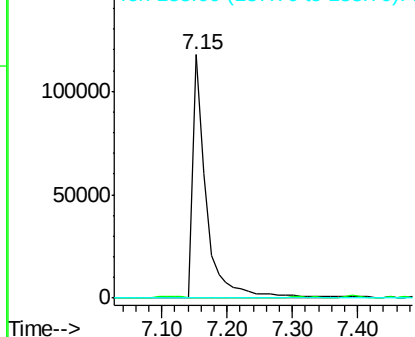


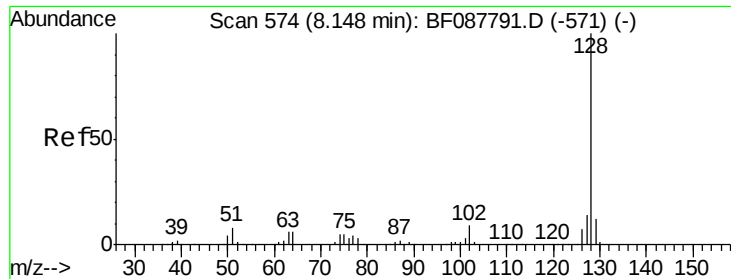
#25
Isophorone
Concen: 17.38 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.29 min
Lab File: BF088350.D
Acq: 25 Jun 2016 00:13

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.4	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

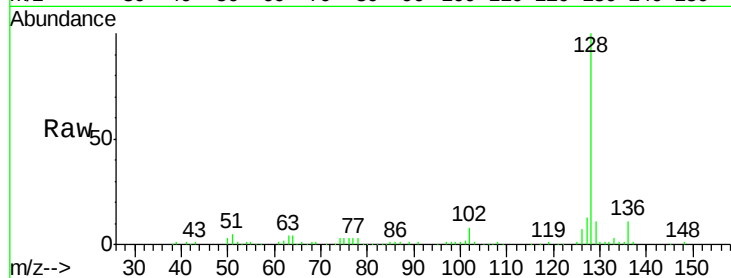




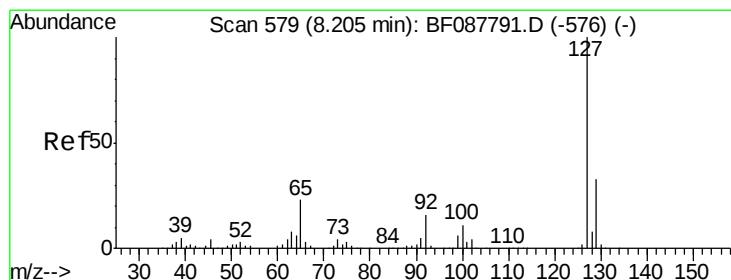
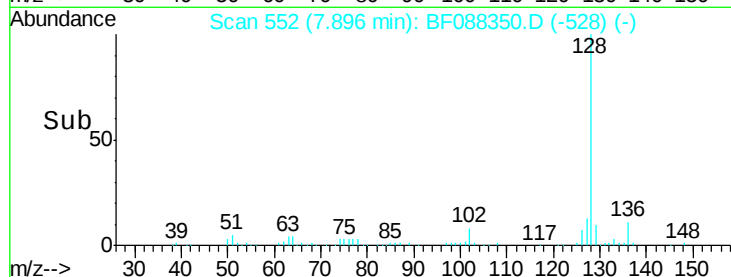
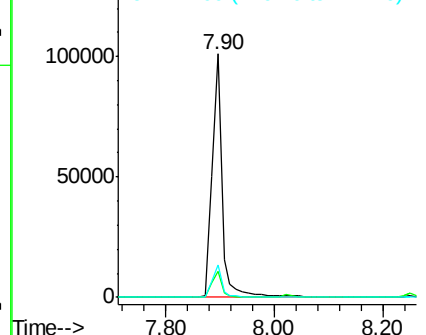
#31
Naphthalene
Concen: 8.74 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF088350.D
Acq: 25 Jun 2016 00:13

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)

Tgt Ion:128 Resp: 129159
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 13.1 10.9 16.3

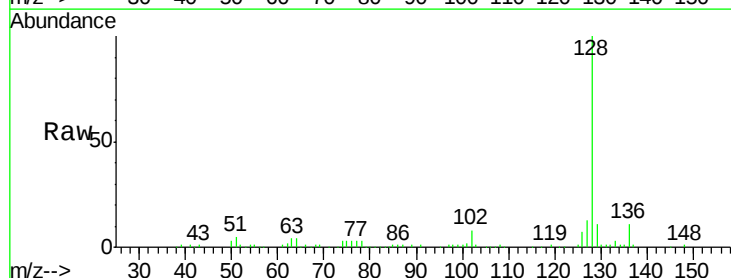


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

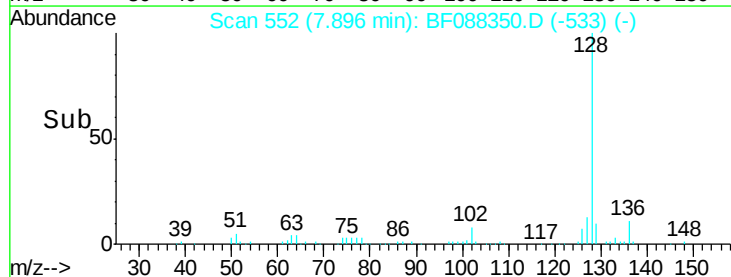
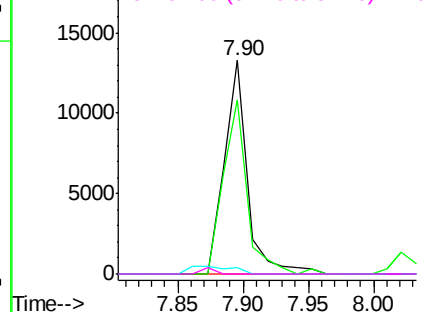


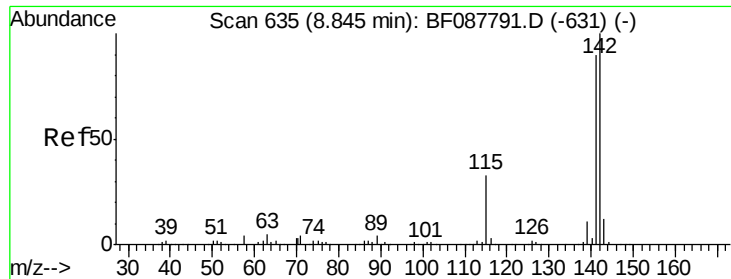
#33
4-Chloroaniline
Concen: 2.48 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.08 min
Lab File: BF088350.D
Acq: 25 Jun 2016 00:13

Tgt Ion:127 Resp: 16378
Ion Ratio Lower Upper
127 100
129 81.4 26.3 39.5#
65 3.2 24.7 37.1#
92 0.0 15.4 23.0#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

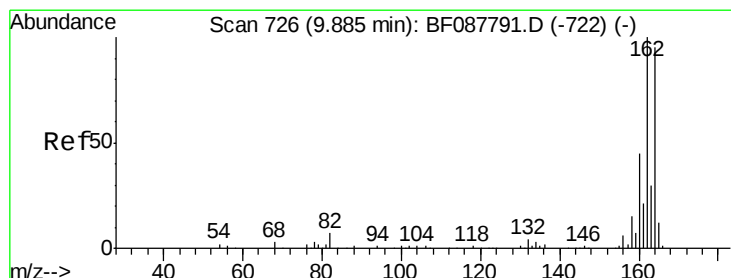
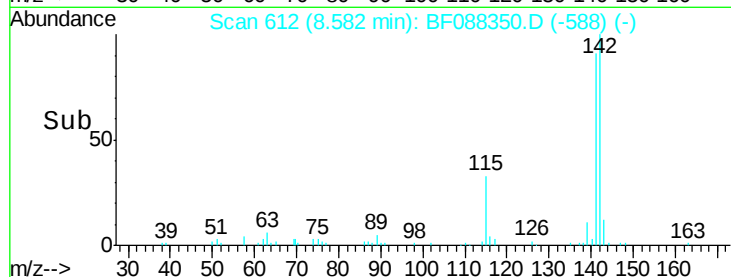
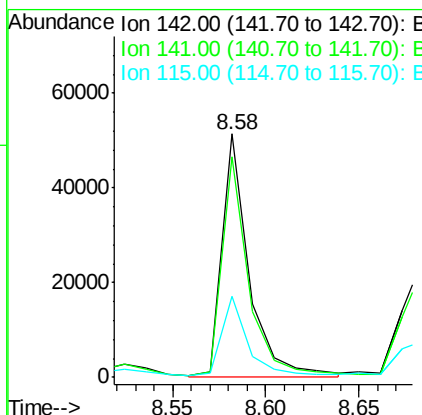
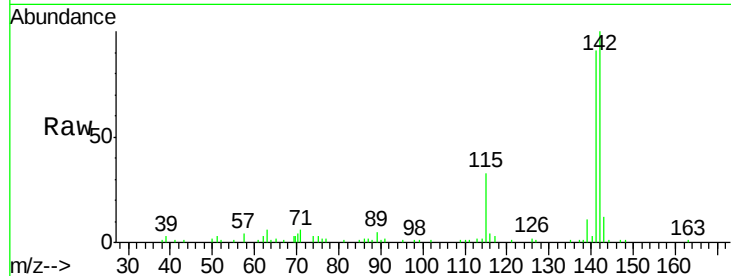




#37
 2-Methylnaphthalene
 Concen: 5.38 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF088350.D
 Acq: 25 Jun 2016 00:13

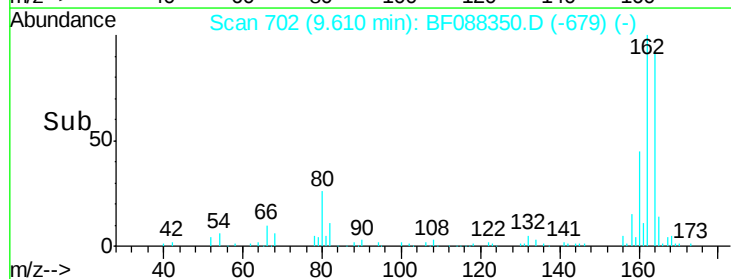
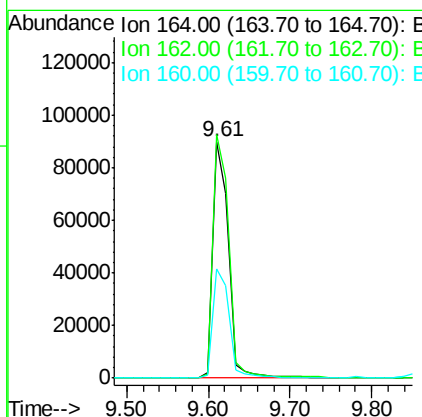
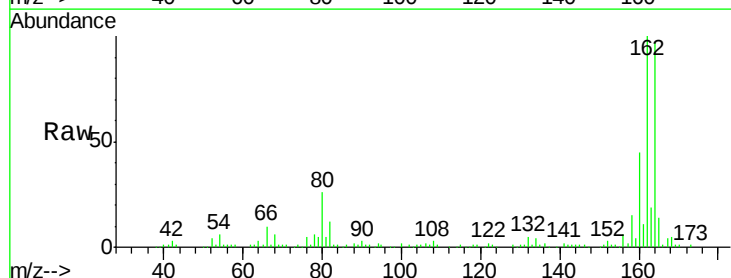
Instrument :
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 PM-STA-1402(0-4)

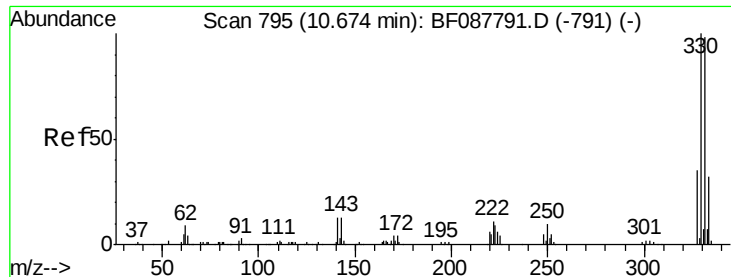
Tgt Ion:142 Resp: 52447
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.0 106.6
 115 33.1 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF088350.D
 Acq: 25 Jun 2016 00:13

Tgt Ion:164 Resp: 120212
 Ion Ratio Lower Upper
 164 100
 162 103.0 85.4 128.2
 160 46.3 39.5 59.3

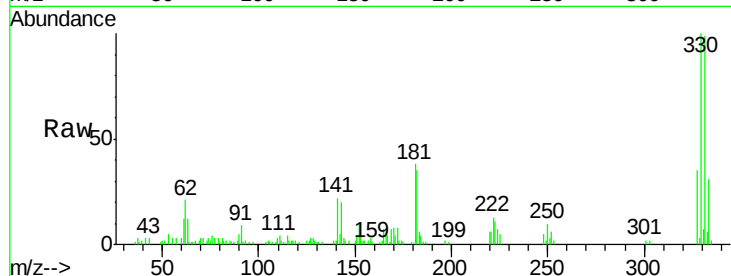




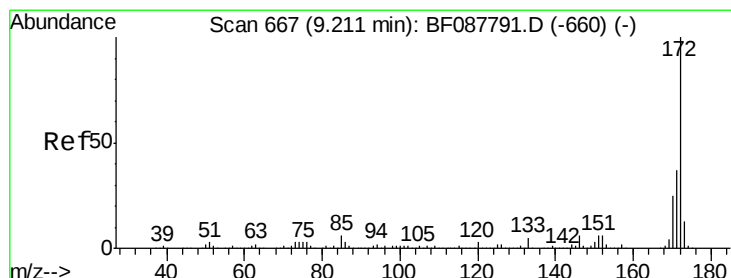
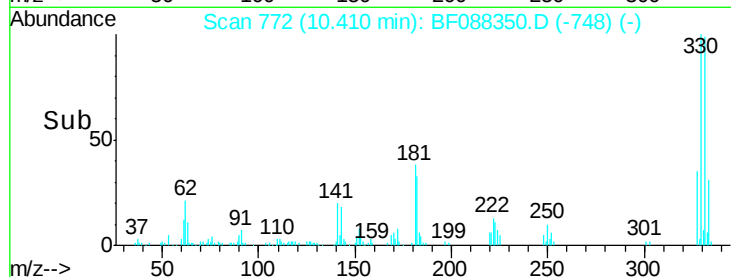
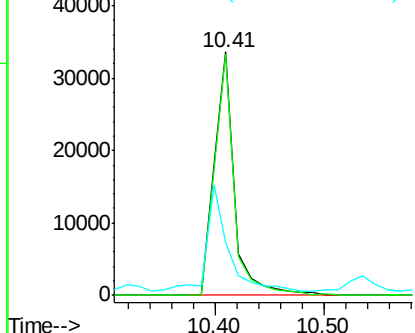
#41
 2,4,6-Tribromophenol
 Concen: 34.29 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088350.D
 Acq: 25 Jun 2016 00:13

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1402(0-4)

Tgt Ion:330 Resp: 43521
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 47.7 0.0 0.0#

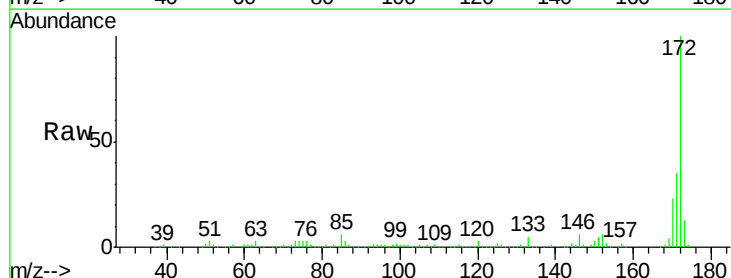


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

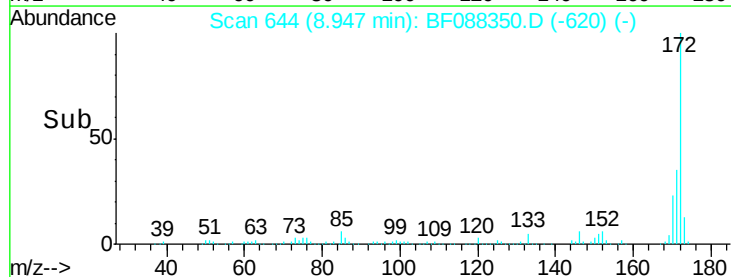
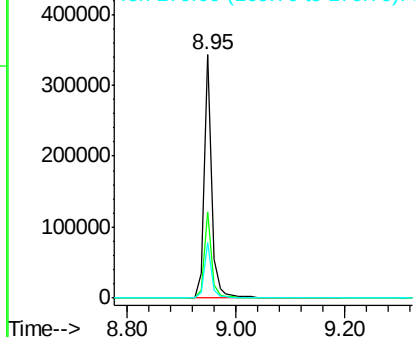


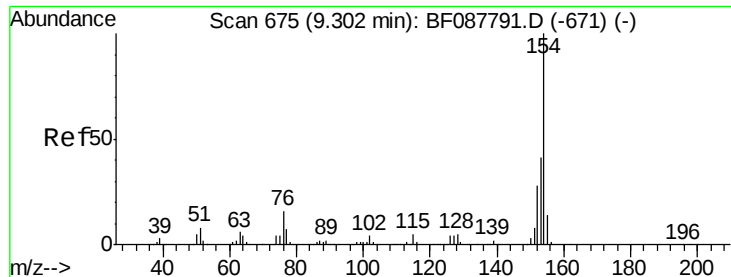
#44
 2-Fluorobiphenyl
 Concen: 39.44 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088350.D
 Acq: 25 Jun 2016 00:13

Tgt Ion:172 Resp: 324552
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.0 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: BF088350.D

Acq: 25 Jun 2016 00:13

Instrument :

BNA_F

ClientSampleId :

PM-STA-1402(0-4)

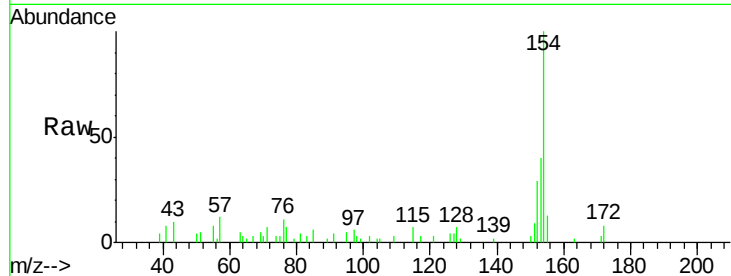
Tgt Ion:154 Resp: 16180

Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

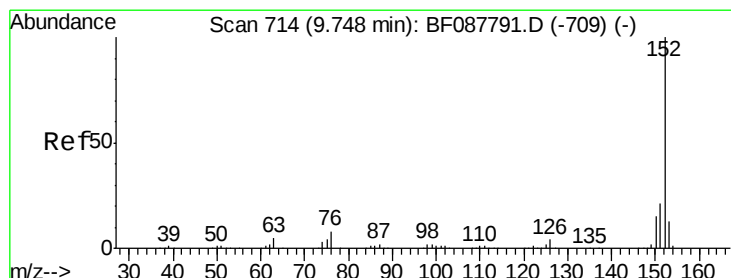
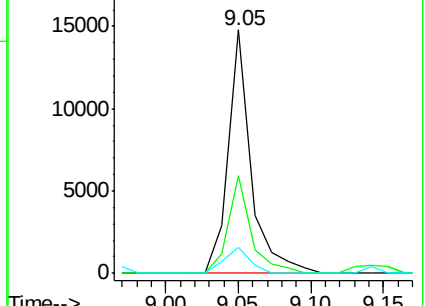
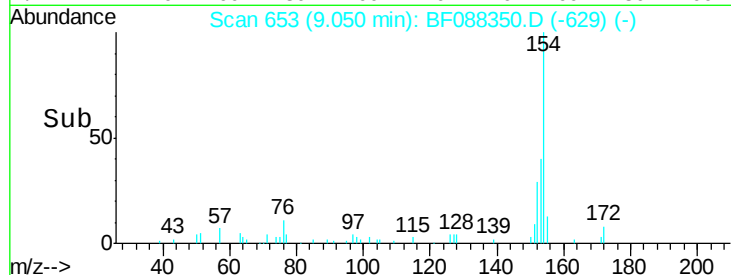
76 10.8 0.0 35.1



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: 32.03 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF088350.D

Acq: 25 Jun 2016 00:13

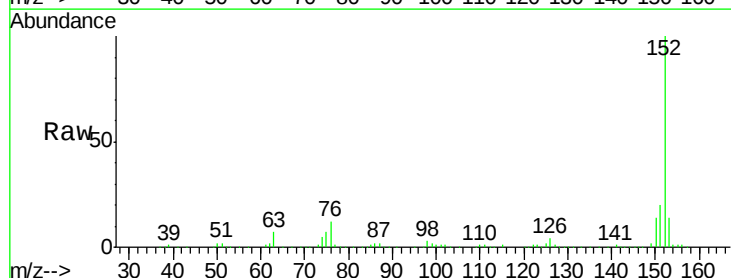
Tgt Ion:152 Resp: 396361

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

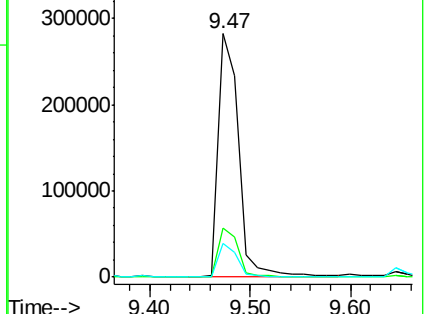
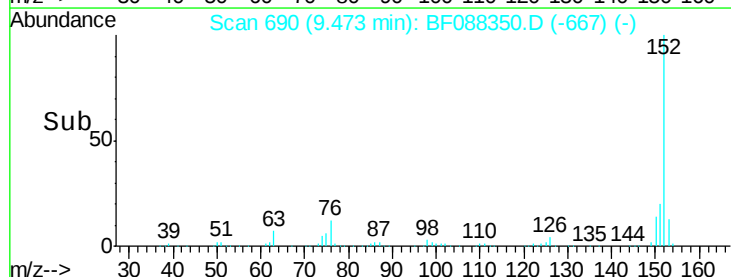
153 13.6 11.0 16.6

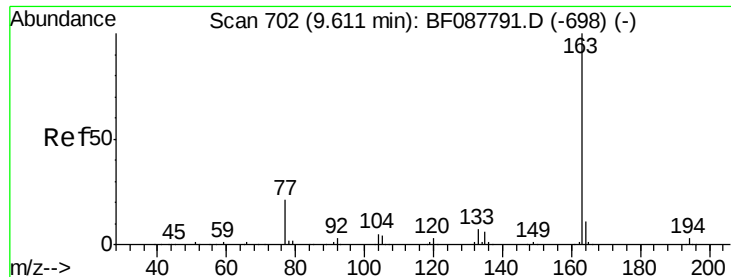


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

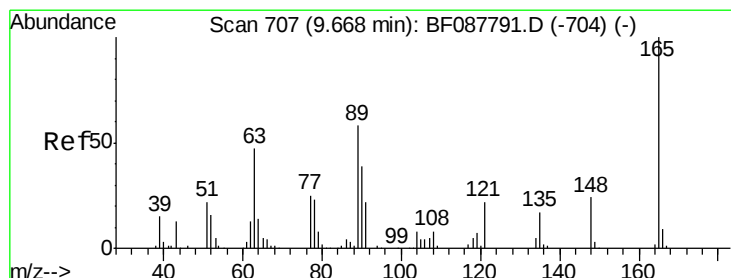
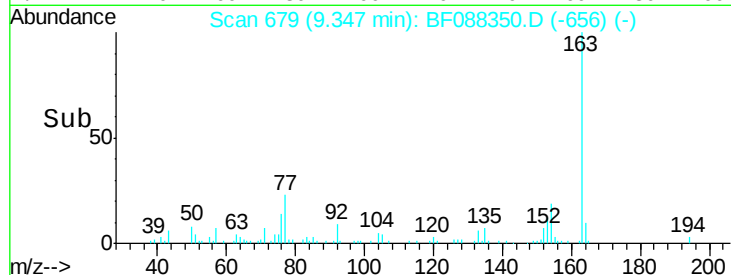
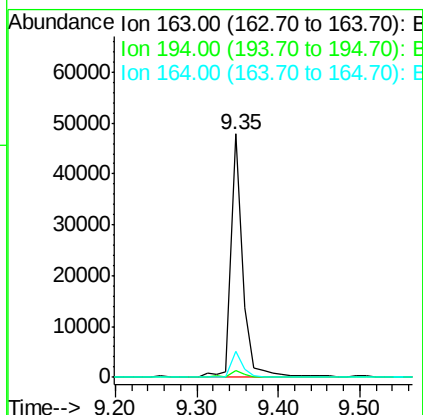
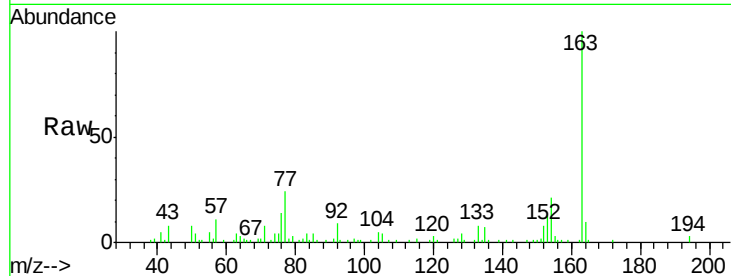




#49
Dimethylphthalate
Concen: 5.55 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF088350.D
Acq: 25 Jun 2016 00:13

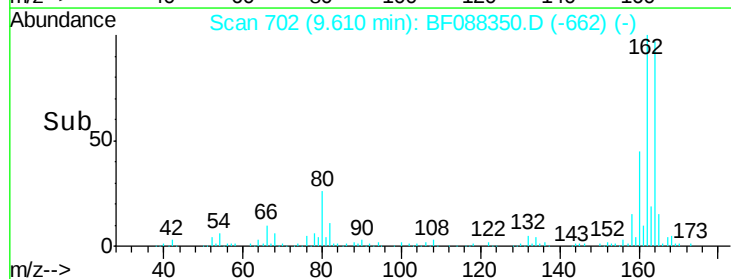
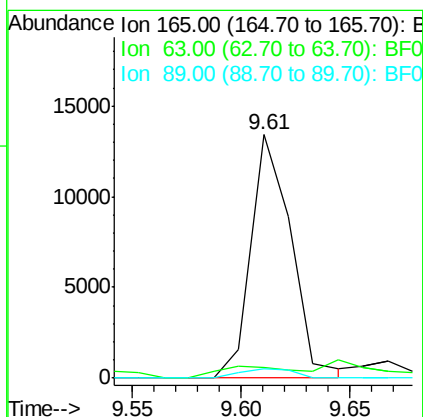
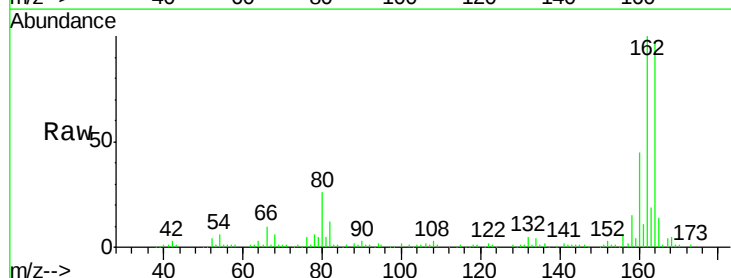
Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)

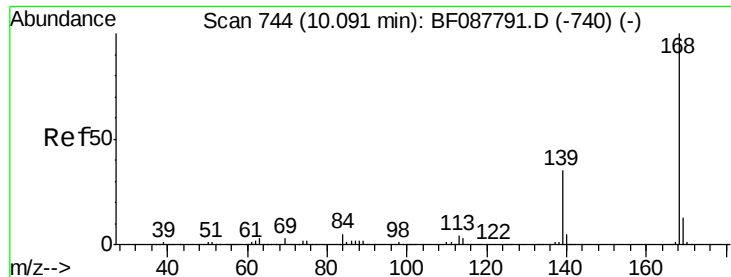
Tgt Ion:163 Resp: 48317
Ion Ratio Lower Upper
163 100
194 2.8 2.8 4.2
164 10.5 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 8.66 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.16 min
Lab File: BF088350.D
Acq: 25 Jun 2016 00:13

Tgt Ion:165 Resp: 17274
Ion Ratio Lower Upper
165 100
63 4.3 28.1 42.1#
89 4.0 32.2 48.2#

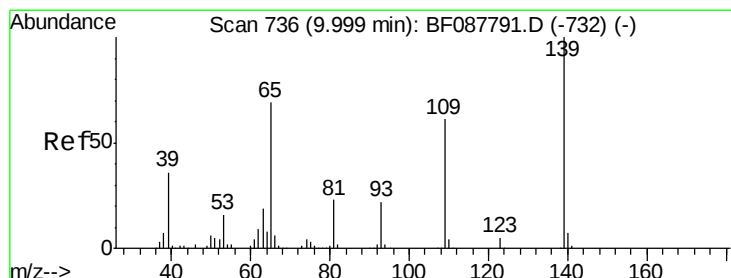
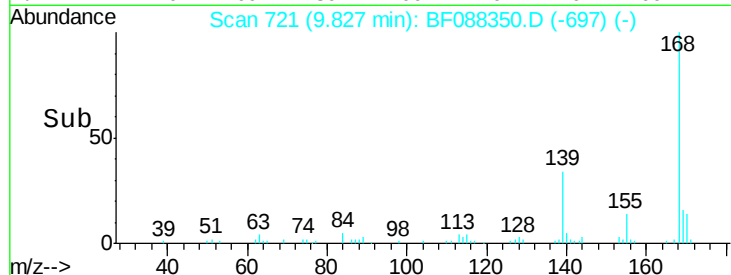
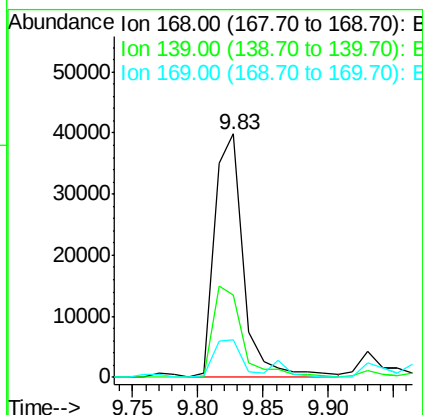
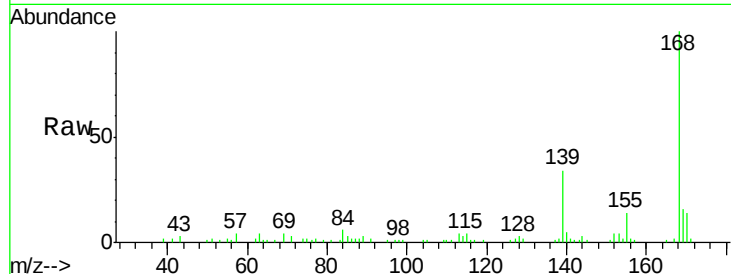




#54
Dibenzenofuran
Concen: 5.82 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088350.D
Acq: 25 Jun 2016 00:13

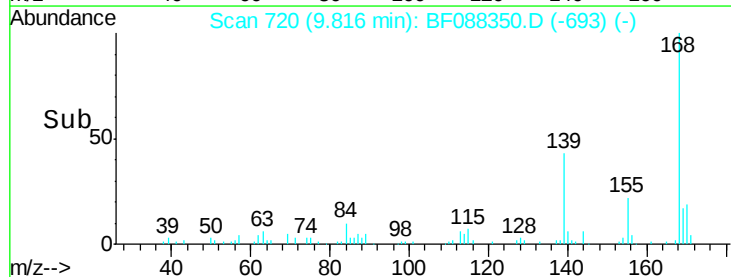
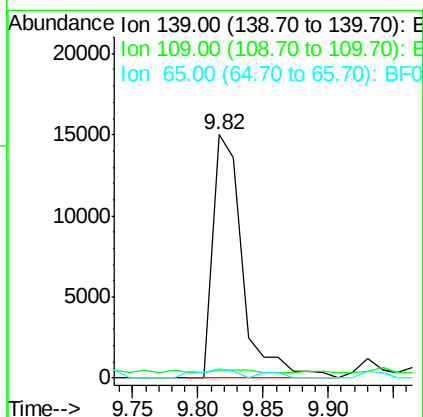
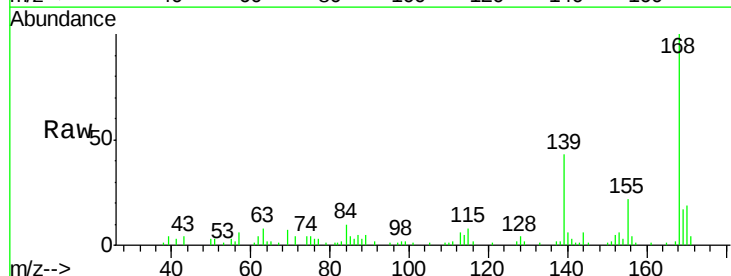
Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)

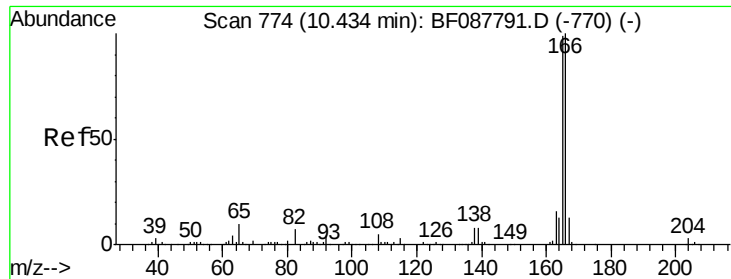
Tgt Ion:168 Resp: 61913
Ion Ratio Lower Upper
168 100
139 34.0 26.4 39.6
169 15.6 10.4 15.6



#55
4-Nitrophenol
Concen: 13.33 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.01 min
Lab File: BF088350.D
Acq: 25 Jun 2016 00:13

Tgt Ion:139 Resp: 23809
Ion Ratio Lower Upper
139 100
109 3.2 48.9 88.9#
65 3.6 84.9 124.9#

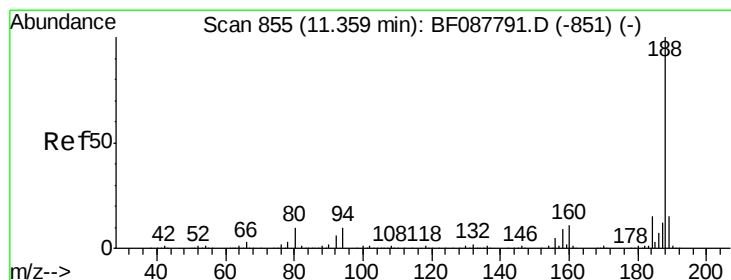
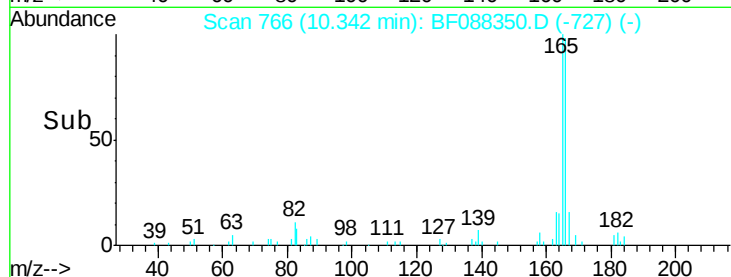
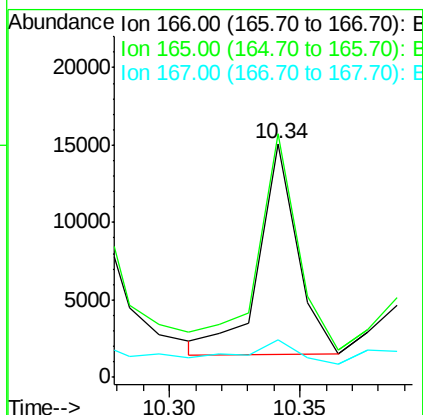
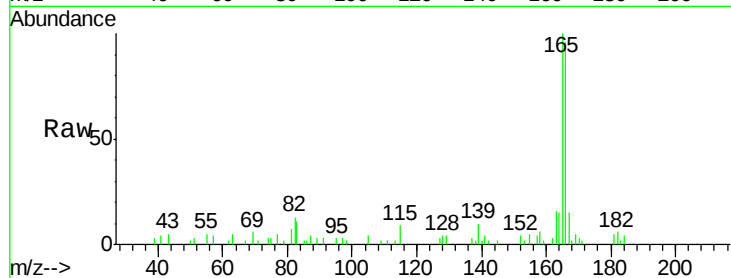




#57
 Fluorene
 Concen: Below Cal
 RT: 10.34 min Scan# 766
 Delta R.T. 0.15 min
 Lab File: BF088350.D
 Acq: 25 Jun 2016 00:13

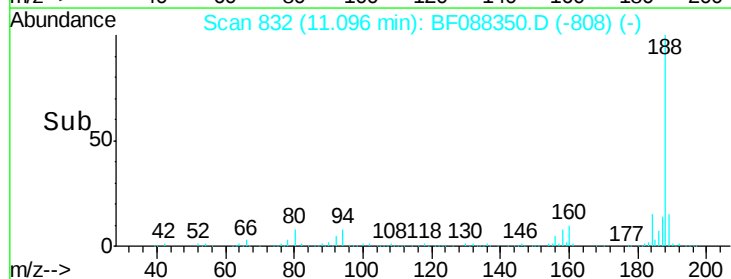
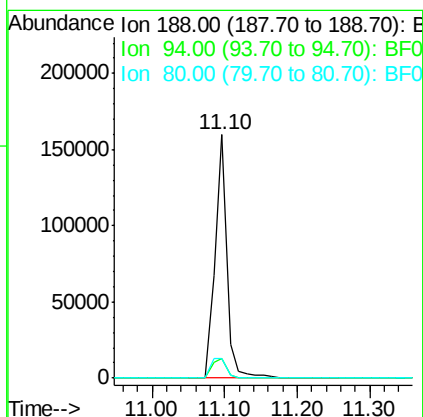
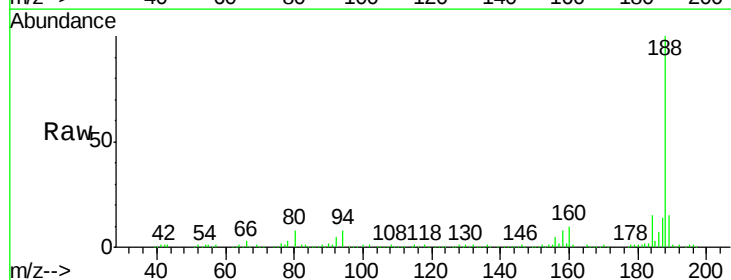
Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1402(0-4)

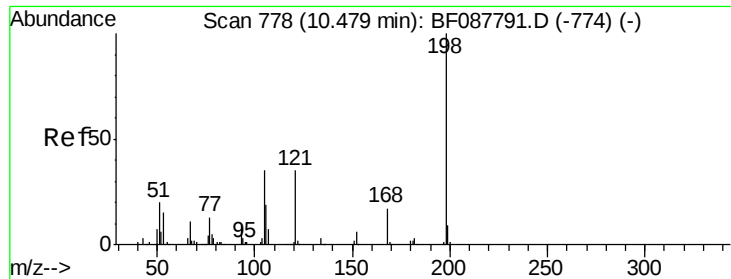
Tgt Ion:166 Resp: 13968
 Ion Ratio Lower Upper
 166 100
 165 104.2 77.8 116.8
 167 16.1 11.2 16.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF088350.D
 Acq: 25 Jun 2016 00:13

Tgt Ion:188 Resp: 181815
 Ion Ratio Lower Upper
 188 100
 94 8.2 9.0 13.6#
 80 8.2 10.0 15.0#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.37 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.17 min

Lab File: BF088350.D

Acq: 25 Jun 2016 00:13

Instrument :

BNA_F

ClientSampleId :

PM-STA-1402(0-4)

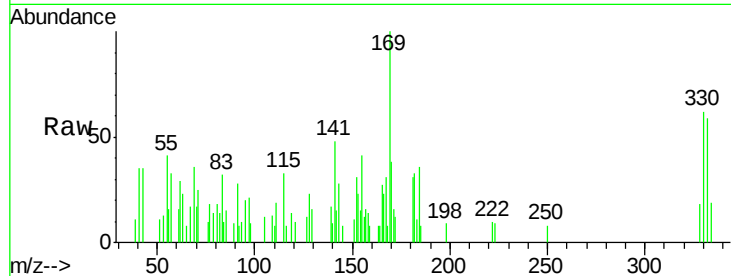
Tgt Ion:198 Resp: 244

Ion Ratio Lower Upper

198 100

51 115.7 39.6 79.6#

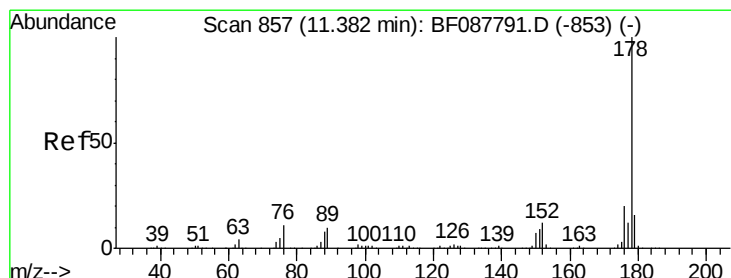
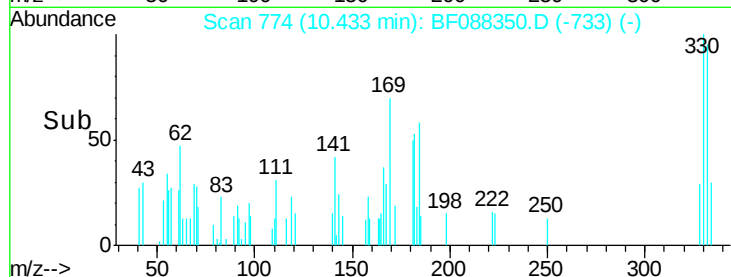
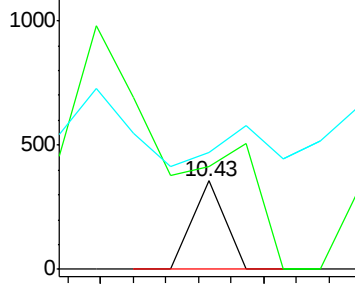
105 131.7 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#70

Phenanthrene

Concen: 36.19 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF088350.D

Acq: 25 Jun 2016 00:13

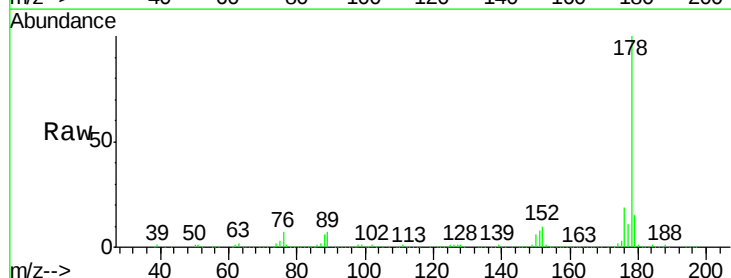
Tgt Ion:178 Resp: 345234

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.6

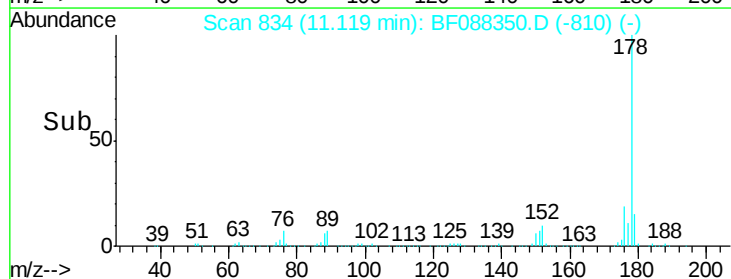
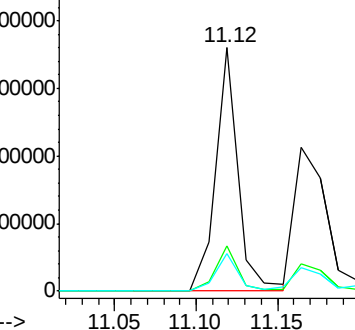
179 15.3 13.0 19.4

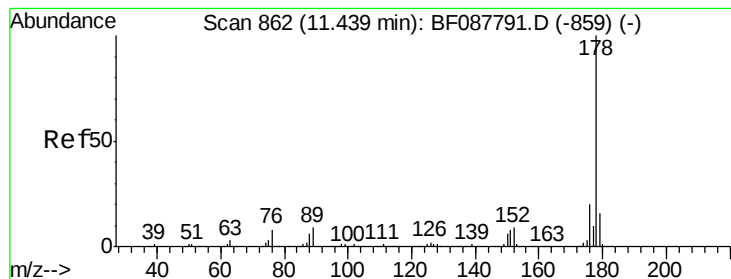


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 32.32 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.03 min

Lab File: BF088350.D

Acq: 25 Jun 2016 00:13

Instrument :

BNA_F

ClientSampleId :

PM-STA-1402(0-4)

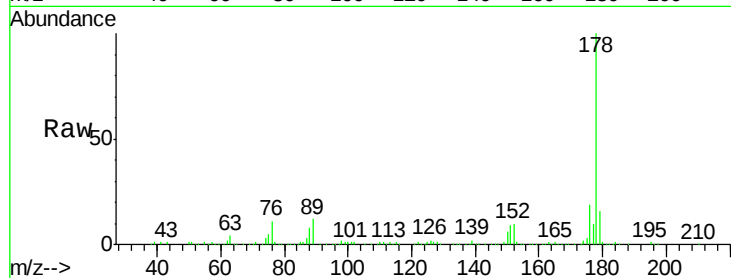
Tgt Ion:178 Resp: 311065

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

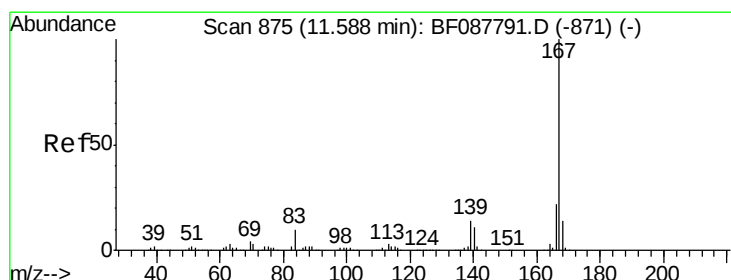
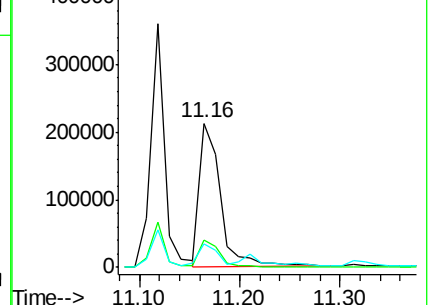
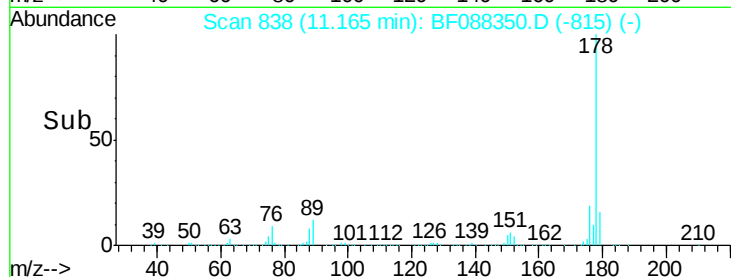
179 16.5 12.8 19.2



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: 13.10 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF088350.D

Acq: 25 Jun 2016 00:13

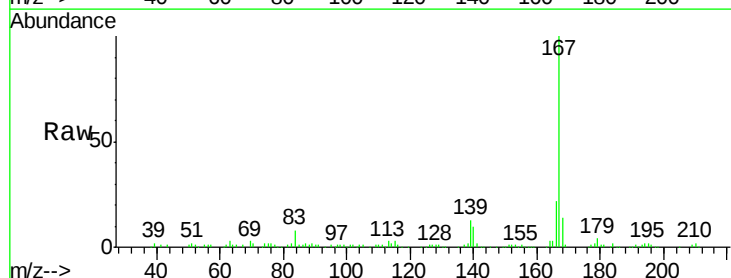
Tgt Ion:167 Resp: 117981

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.6

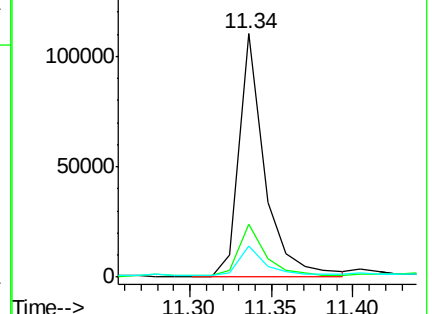
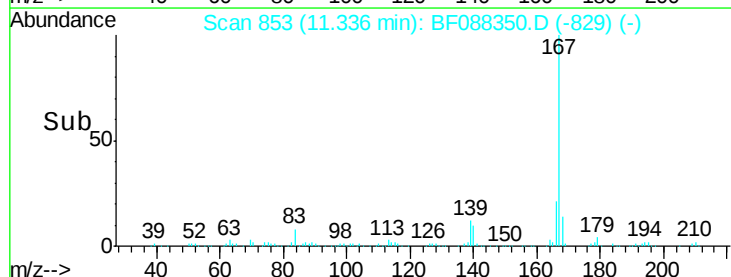
139 12.7 11.2 16.8

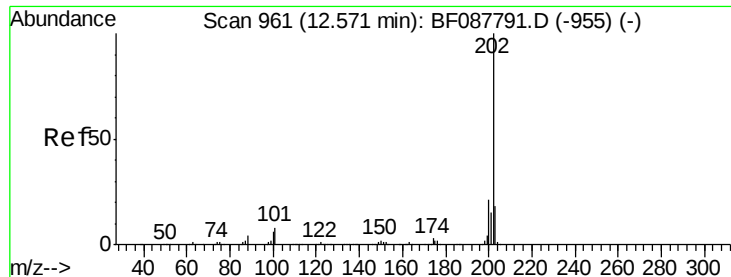


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 105.80 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF088350.D

Acq: 25 Jun 2016 00:13

Instrument :

BNA_F

ClientSampleId :

PM-STA-1402(0-4)

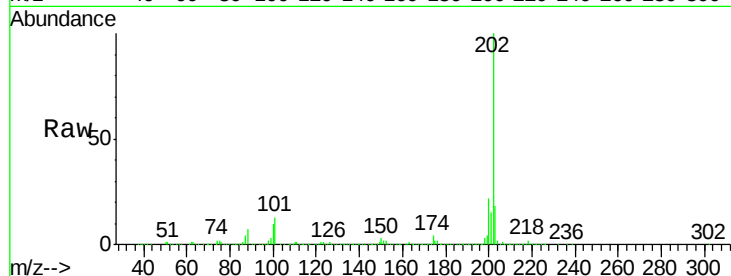
Tgt Ion:202 Resp: 1065239

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.1

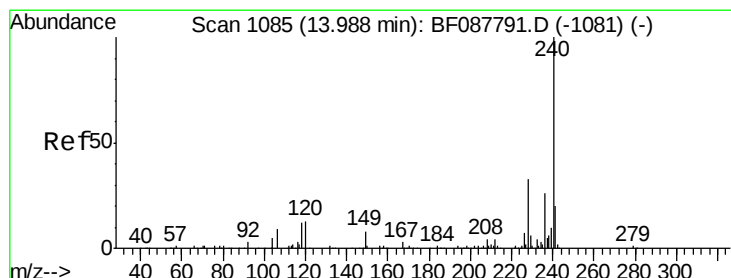
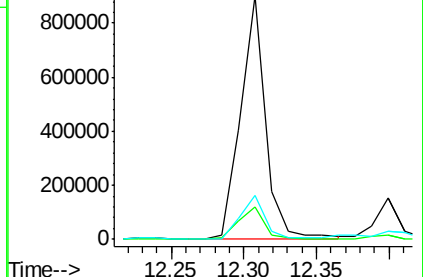
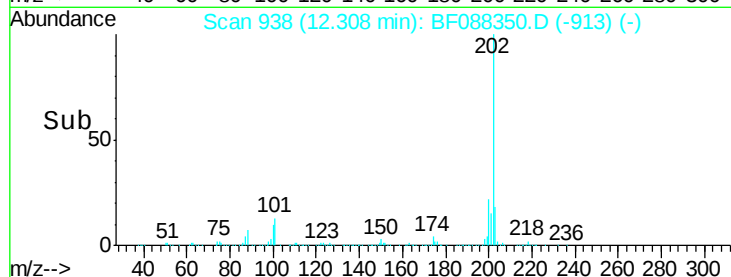
203 18.3 0.0 38.1



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: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF088350.D

Acq: 25 Jun 2016 00:13

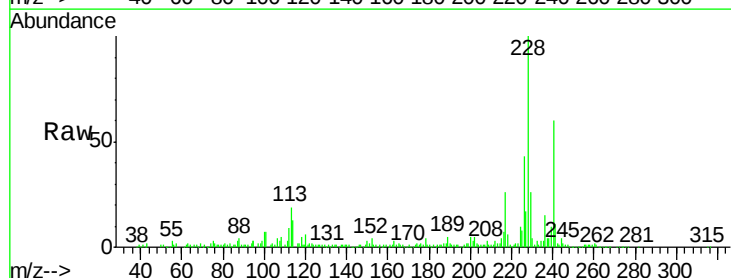
Tgt Ion:240 Resp: 135068

Ion Ratio Lower Upper

240 100

120 10.5 6.8 10.2#

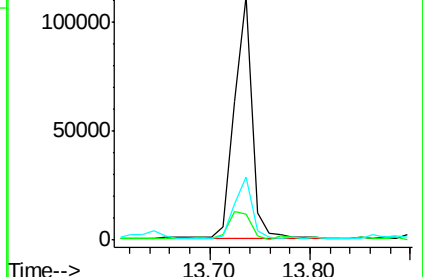
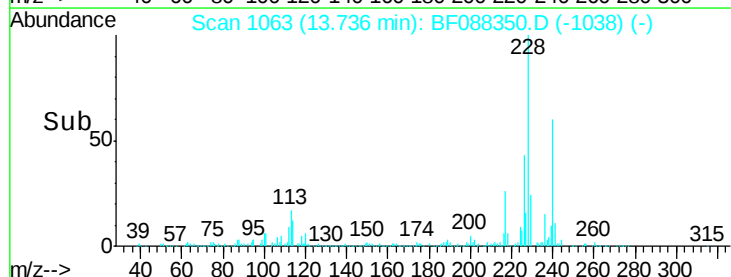
236 25.9 20.2 30.2

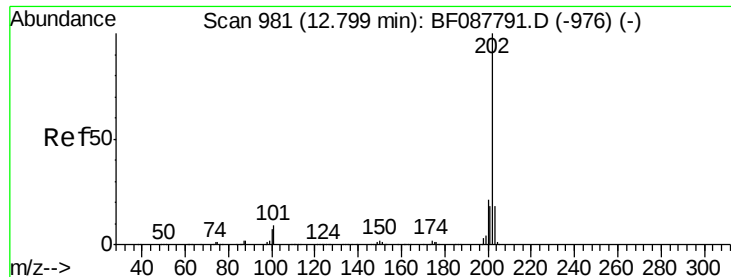


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

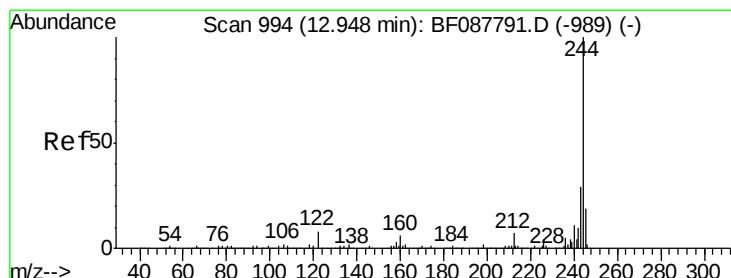
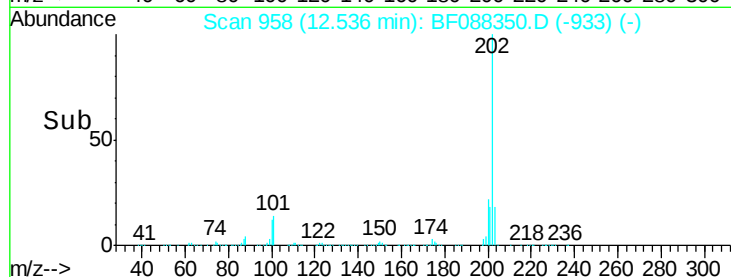
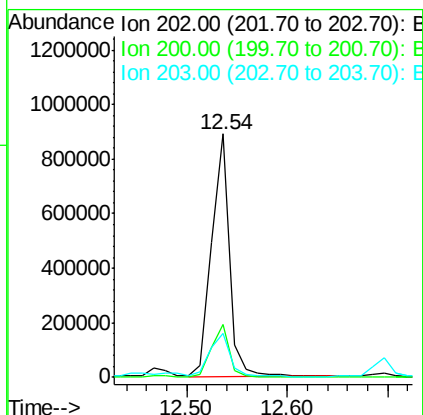
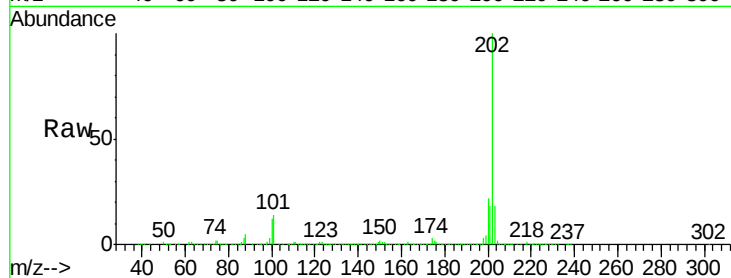




#77
 Pyrene
 Concen: 108.82 ng
 RT: 12.54 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BF088350.D
 Acq: 25 Jun 2016 00:13

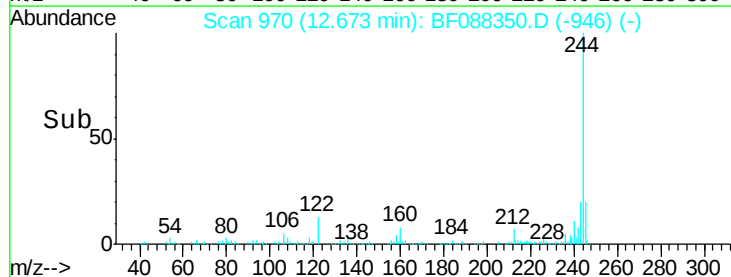
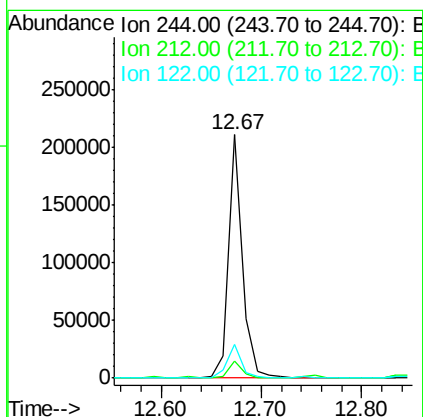
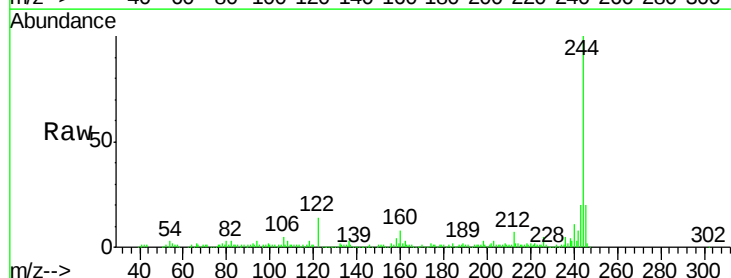
Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1402(0-4)

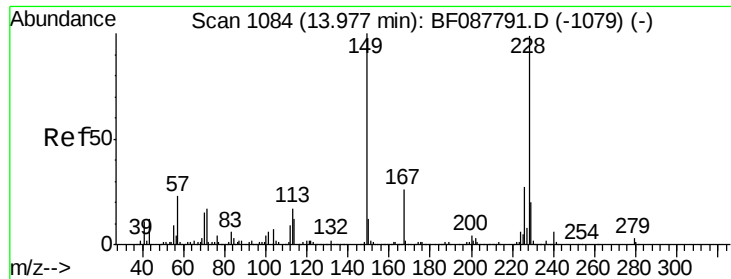
Tgt Ion:202 Resp: 1090728
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 18.3 14.5 21.7



#78
 Terphenyl-d14
 Concen: 34.01 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088350.D
 Acq: 25 Jun 2016 00:13

Tgt Ion:244 Resp: 201853
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.8 11.2 16.8





#80

Benzo(a)anthracene

Concen: 99.38 ng

RT: 13.72 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF088350.D

Acq: 25 Jun 2016 00:13

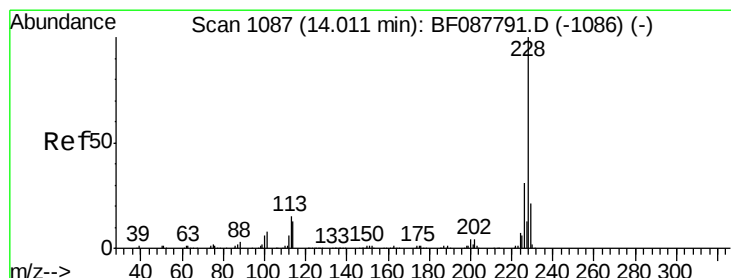
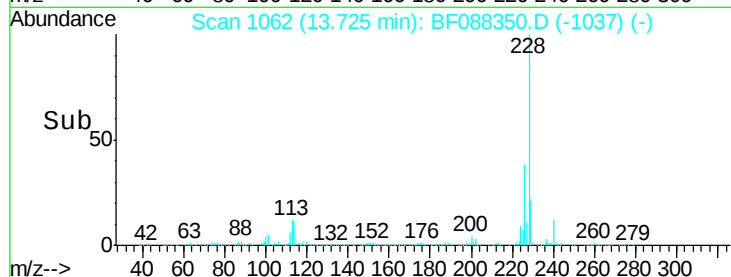
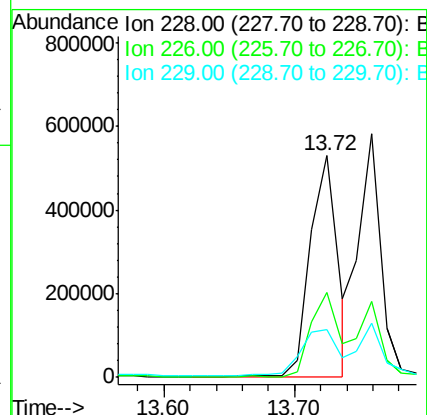
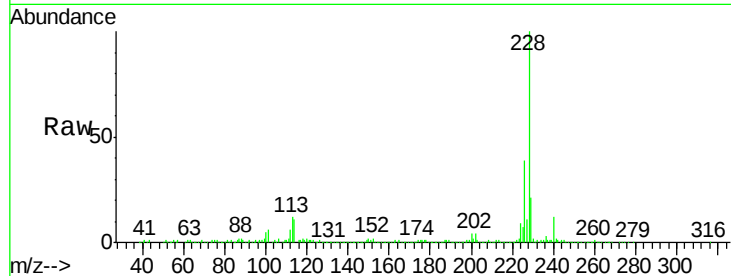
Instrument :

BNA_F

ClientSampleId :

PM-STA-1402(0-4)

Tgt Ion:	228	Resp:	764906
Ion	Ratio	Lower	Upper
228	100		
226	38.6	22.3	33.5#
229	21.4	16.0	24.0



#82

Chrysene

Concen: 105.63 ng

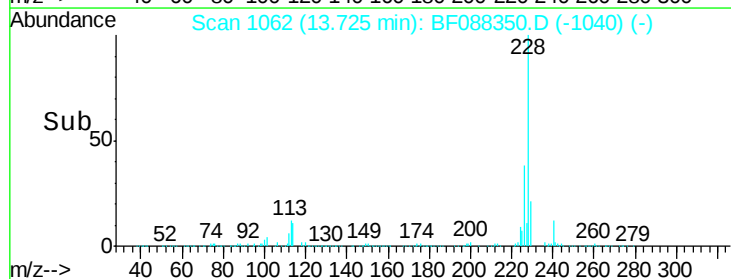
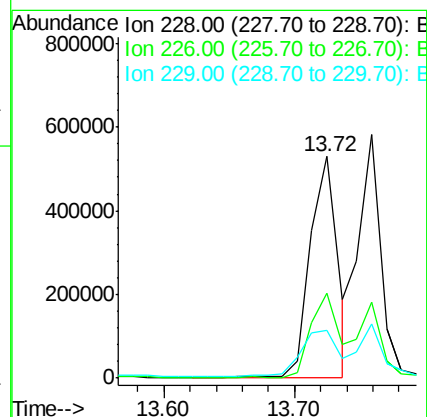
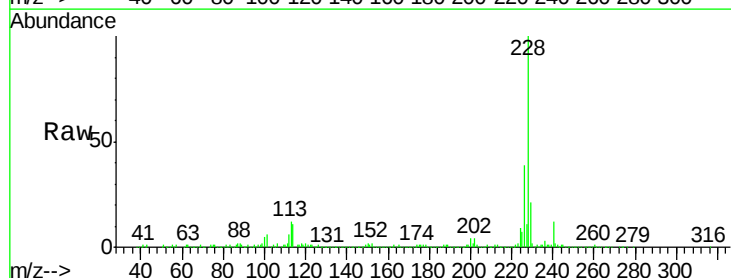
RT: 13.72 min Scan# 1062

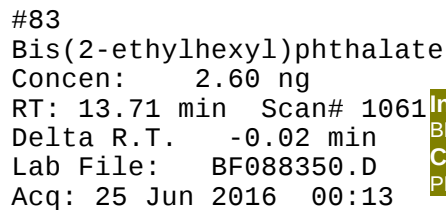
Delta R.T. -0.05 min

Lab File: BF088350.D

Acq: 25 Jun 2016 00:13

Tgt Ion:	228	Resp:	764906
Ion	Ratio	Lower	Upper
228	100		
226	38.6	25.4	38.2#
229	21.4	16.3	24.5

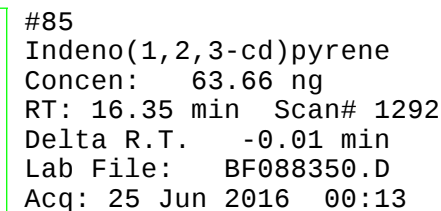
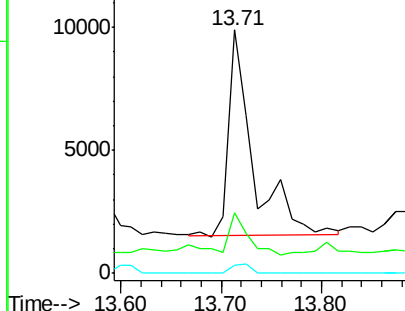




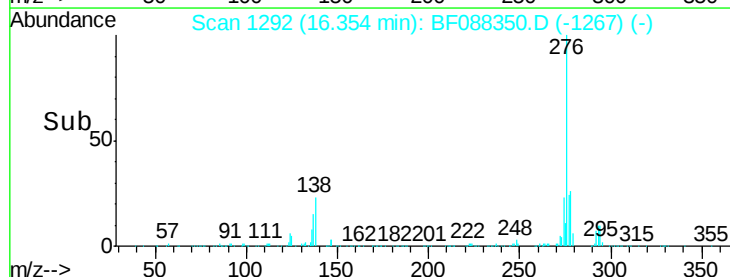
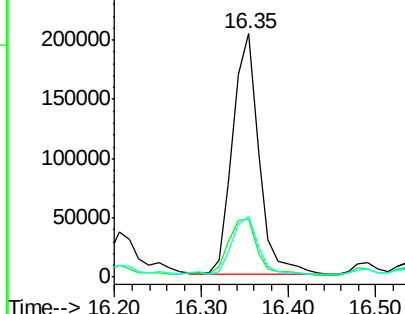
Instrument :
BNA_F

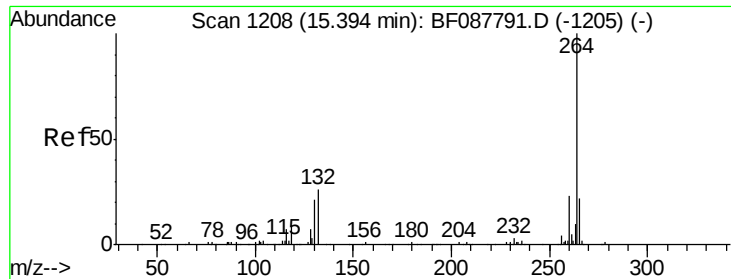
ClientSampleId :
PM-STA-1402(0-4)

Tgt	Ion:149	Resp:	14047
Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.5	30.7
279	3.1	2.0	3.0#



Tgt	Ion:276	Resp:	428268
Ion	Ratio	Lower	Upper
276	100		
138	26.5	0.0	0.0#
277	24.5	0.0	0.0#

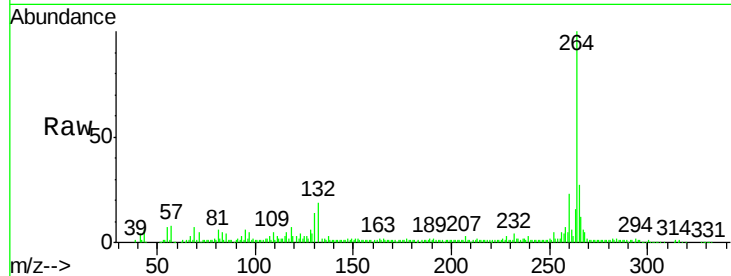




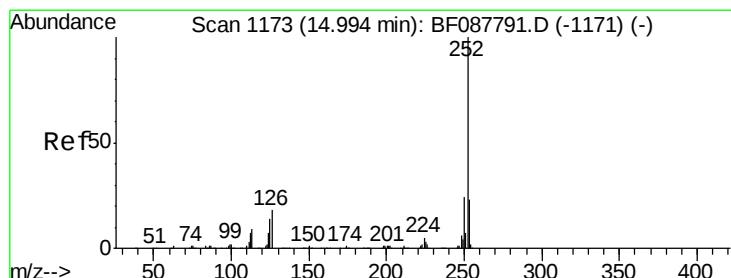
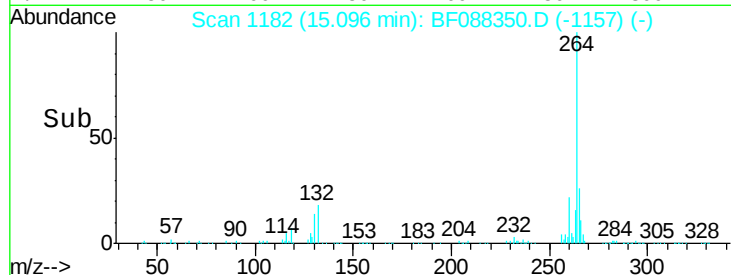
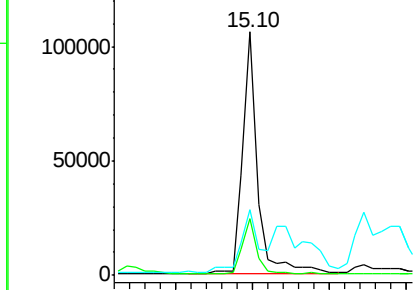
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF088350.D
Acq: 25 Jun 2016 00:13

Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)

Tgt Ion:264 Resp: 143552
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 26.9 16.9 25.3#

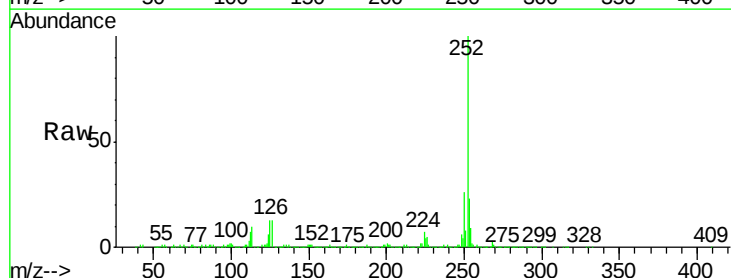


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

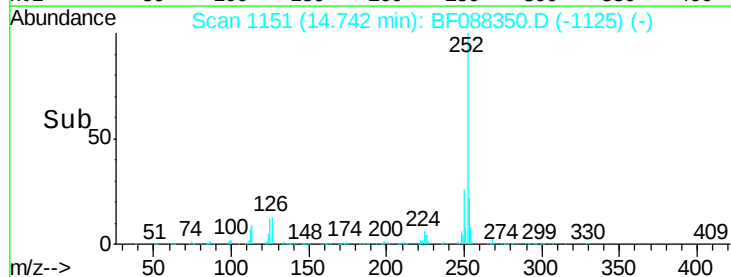
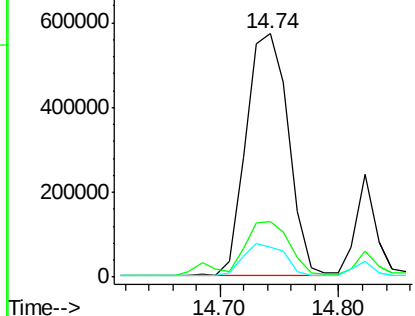


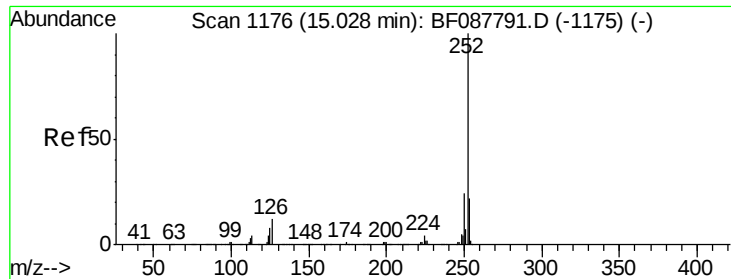
#87
Benzo(b)fluoranthene
Concen: 141.71 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF088350.D
Acq: 25 Jun 2016 00:13

Tgt Ion:252 Resp: 1417844
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 12.5 7.1 10.7#



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

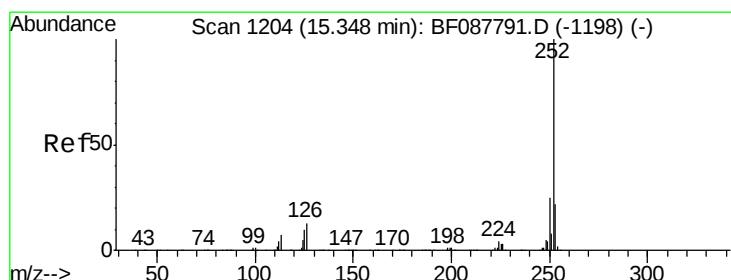
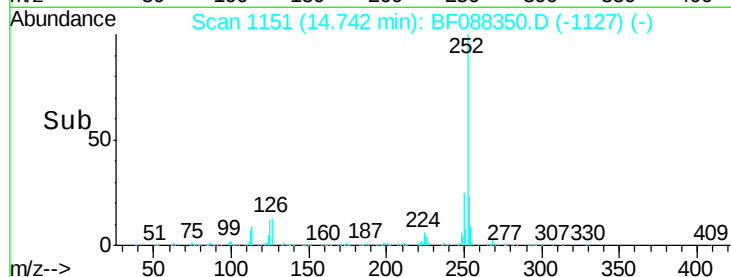
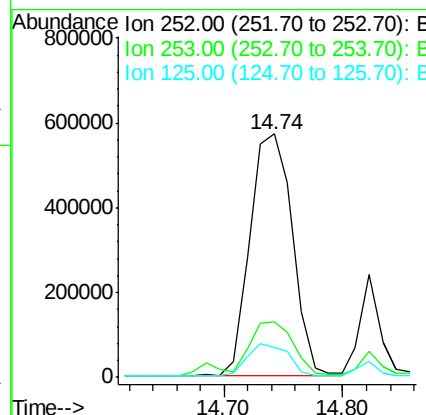
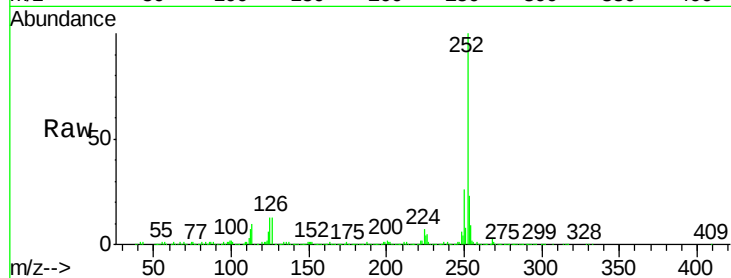




#88
Benzo(k)fluoranthene
Concen: 187.85 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF088350.D
Acq: 25 Jun 2016 00:13

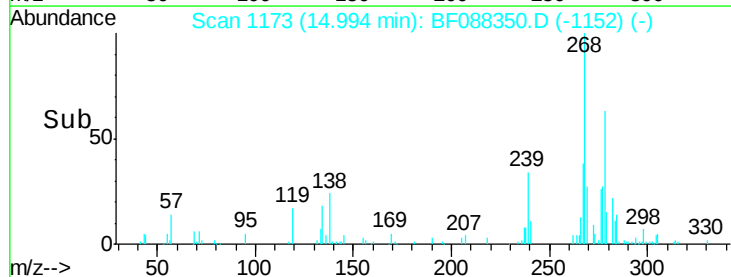
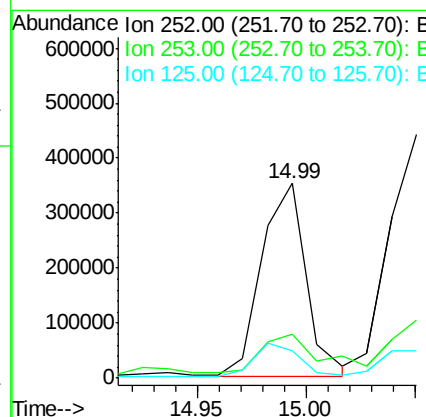
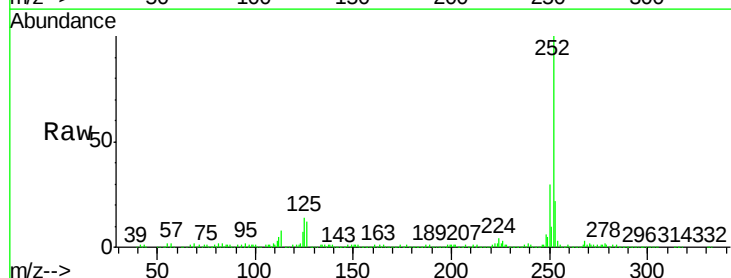
Instrument :
BNA_F
ClientSampleId :
PM-STA-1402(0-4)

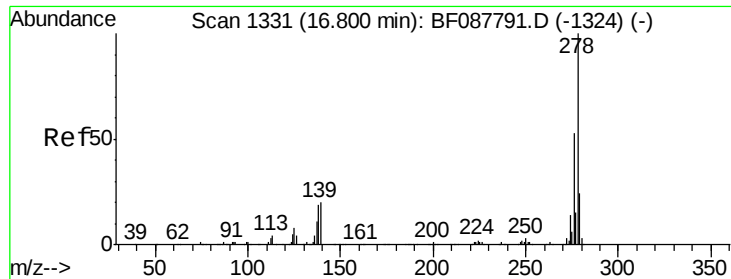
Tgt Ion:252 Resp: 1417844
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 12.5 11.2 16.8



#89
Benzo(a)pyrene
Concen: 62.30 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.06 min
Lab File: BF088350.D
Acq: 25 Jun 2016 00:13

Tgt Ion:252 Resp: 504343
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 14.0 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 10.19 ng

RT: 16.49 min Scan# 1304

Delta R.T. 0.13 min

Lab File: BF088350.D

Acq: 25 Jun 2016 00:13

Instrument :

BNA_F

ClientSampleId :

PM-STA-1402(0-4)

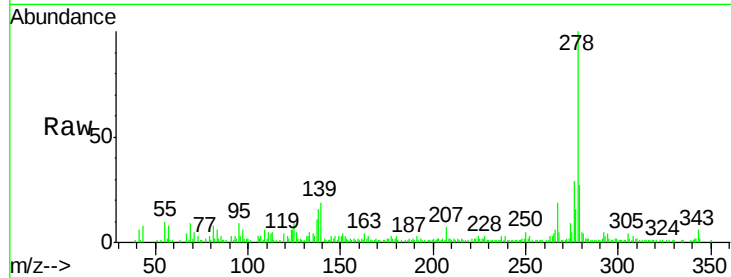
Tgt Ion:278 Resp: 76578

Ion Ratio Lower Upper

278 100

139 19.1 15.7 23.5

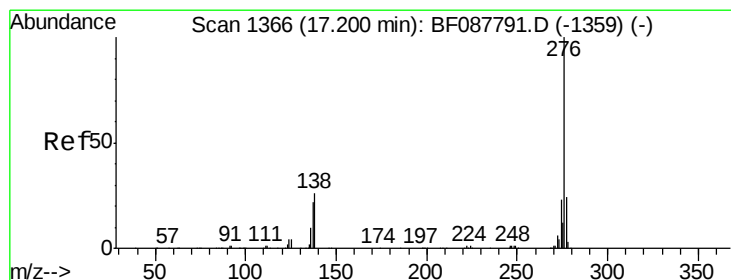
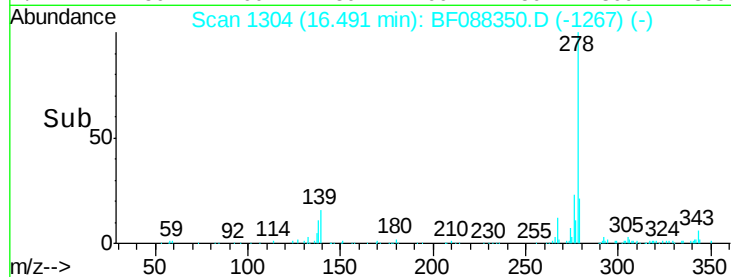
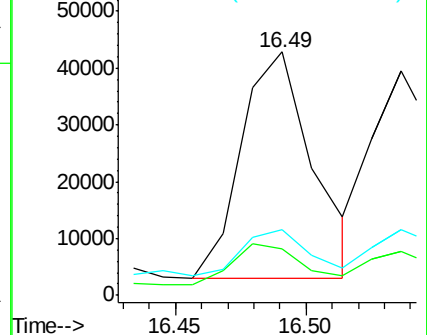
279 27.1 19.4 29.2



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: 46.38 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF088350.D

Acq: 25 Jun 2016 00:13

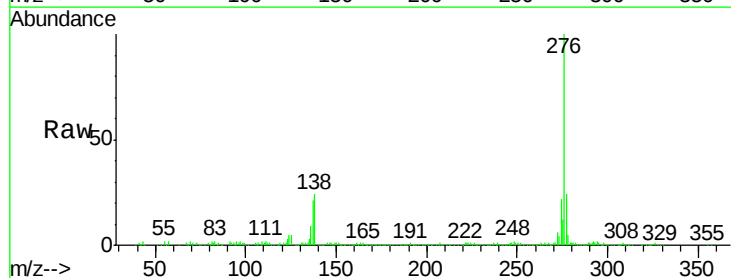
Tgt Ion:276 Resp: 358669

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 24.4 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

