

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088341.D
 Acq On : 24 Jun 2016 19:51
 Operator : UM/SJ
 Sample : H3599-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1436(0-4)

Quant Time: Jun 25 03:40:24 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	6.58	152	88175	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	341195	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	146483	20.00	ng	-0.03
63) Phenanthrene-d10	11.10	188	241523	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	141811	20.00	ng	-0.02
86) Perylene-d12	15.09	264	173757	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	553056	107.23	ng	0.00
7) Phenol-d6	6.25	99	680172	108.81	ng	-0.01
23) Nitrobenzene-d5	7.16	82	458234	78.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	146180	94.51	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	743035	79.31	ng	-0.02
78) Terphenyl-d14	12.67	244	466961	74.93	ng	-0.02

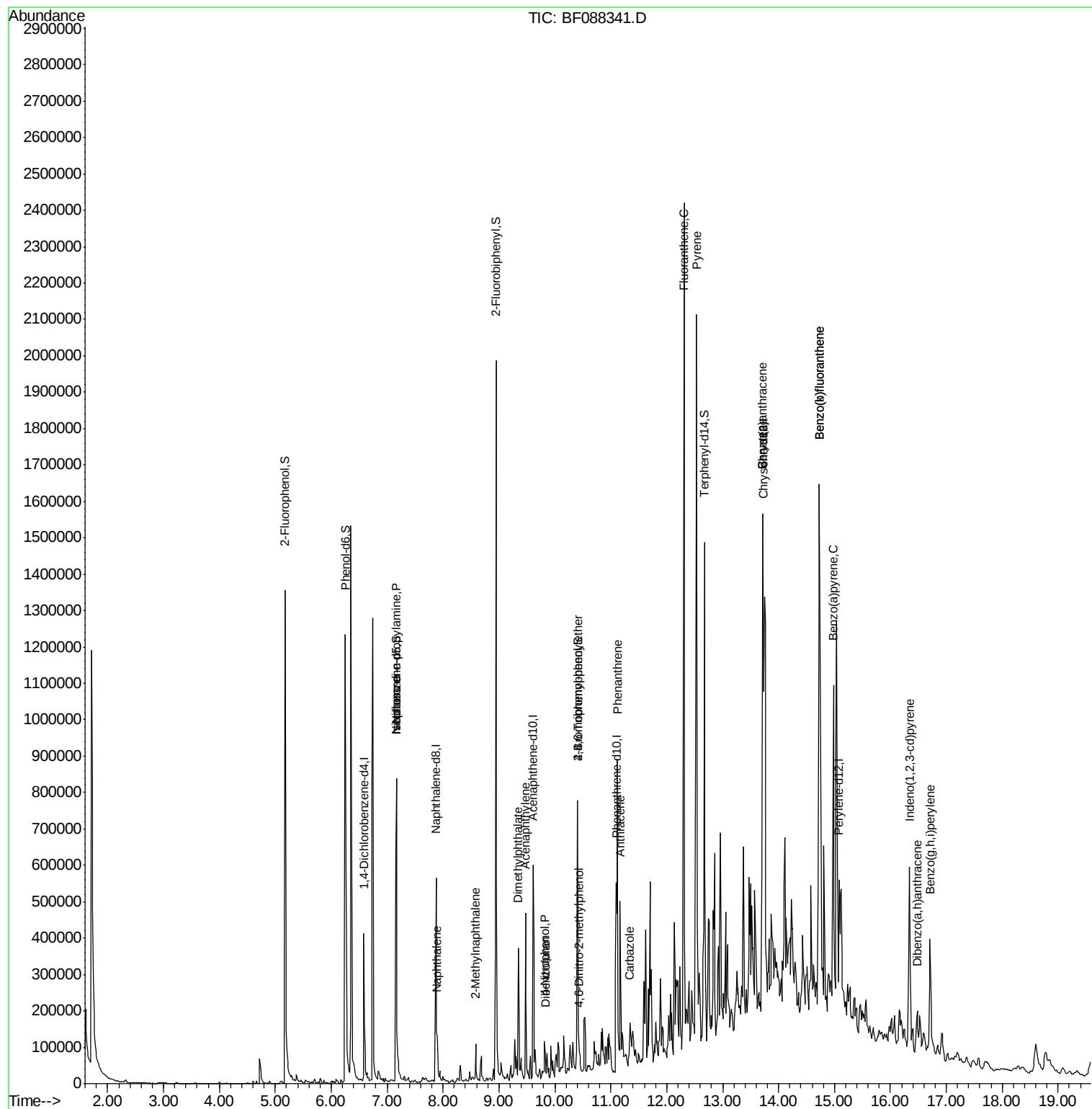
Target Compounds				Qvalue		
10) Phenol	6.26	94	4027	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	58635	14.66	ng	67
25) Isophorone	7.16	82	447438	41.34	ng	65
31) Naphthalene	7.90	128	71236	4.22	ng	98
37) 2-Methylnaphthalene	8.58	142	35983	3.23	ng	96
45) 1,1'-Biphenyl	9.05	154	7969	Below Cal		98
48) Acenaphthylene	9.47	152	249399	16.54	ng	99
49) Dimethylphthalate	9.35	163	135338	12.75	ng	100
54) Dibenzofuran	9.83	168	33844	2.61	ng	# 93
55) 4-Nitrophenol	9.82	139	13098	6.02	ng	# 11
57) Fluorene	10.16	166	36697	Below Cal	#	95
64) 4,6-Dinitro-2-methylphenol	10.43	198	552	2.51	ng	# 75
66) 4-Bromophenyl-phenylether	10.41	248	9012	3.48	ng	# 1
70) Phenanthrene	11.12	178	405840	32.02	ng	98
71) Anthracene	11.17	178	241572	18.90	ng	98
72) Carbazole	11.34	167	41360	3.46	ng	99
74) Fluoranthene	12.31	202	1136841	85.00	ng	99
77) Pyrene	12.54	202	1175939	111.75	ng	100
80) Benzo(a)anthracene	13.71	228	799392	98.92	ng	# 91
82) Chrysene	13.71	228	799392	105.15	ng	95
85) Indeno(1,2,3-cd)pyrene	16.34	276	304464	43.10	ng	# 100
87) Benzo(b)fluoranthene	14.73	252	1179960	97.43	ng	# 95
88) Benzo(k)fluoranthene	14.73	252	1179960	129.16	ng	99
89) Benzo(a)pyrene	14.98	252	423360	43.21	ng	99
90) Dibenzo(a,h)anthracene	16.48	278	59726	6.56	ng	95
91) Benzo(g,h,i)perylene	16.71	276	245246	26.20	ng	98

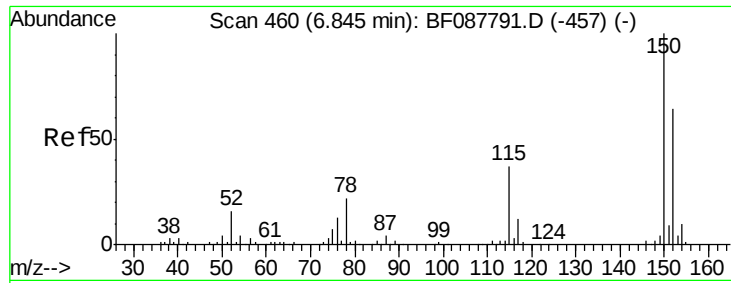
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

Instrument :

BNA_F

ClientSampleId :

PM-STA-1436(0-4)

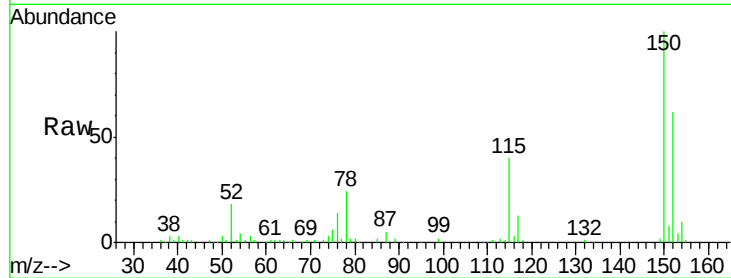
Tgt Ion:152 Resp: 88175

Ion Ratio Lower Upper

152 100

150 160.5 123.8 185.6

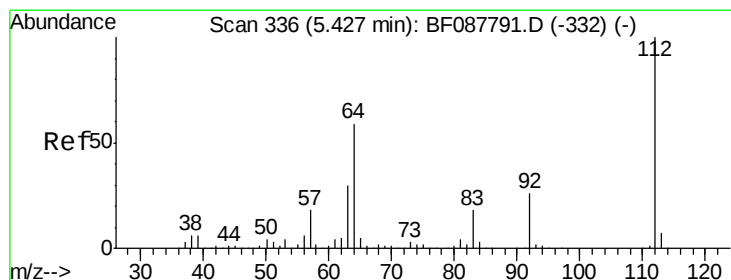
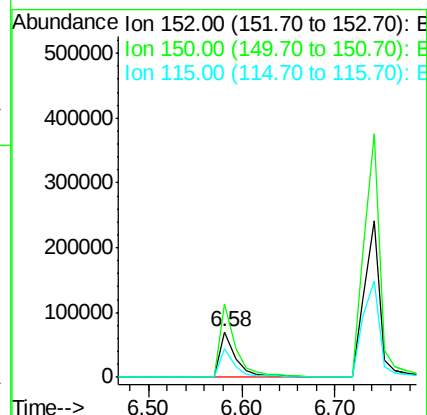
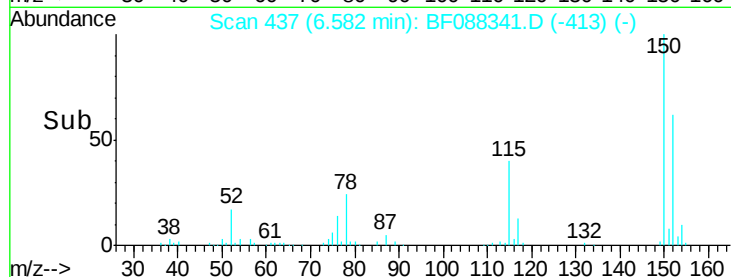
115 63.8 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 107.23 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

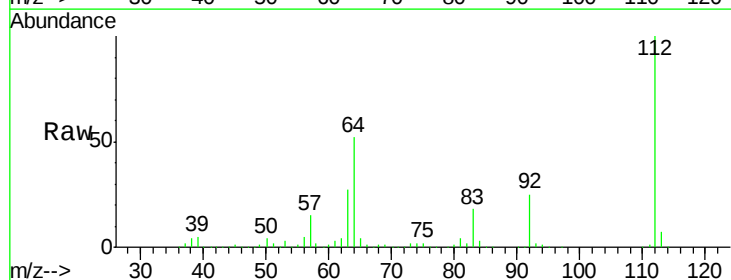
Tgt Ion:112 Resp: 553056

Ion Ratio Lower Upper

112 100

64 51.9 42.2 63.2

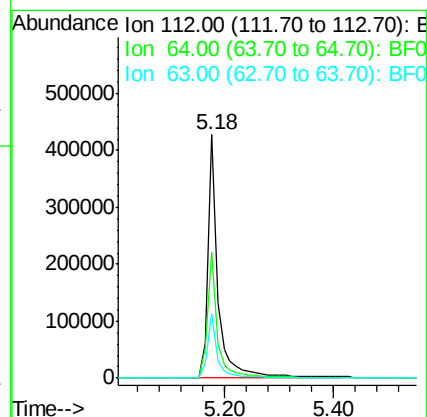
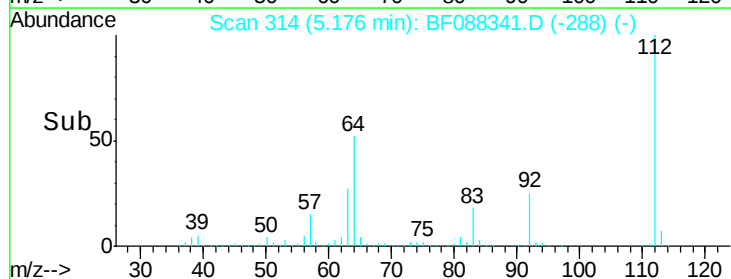
63 26.6 21.8 32.8



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: 108.81 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

Instrument :

BNA_F

ClientSampleId :

PM-STA-1436(0-4)

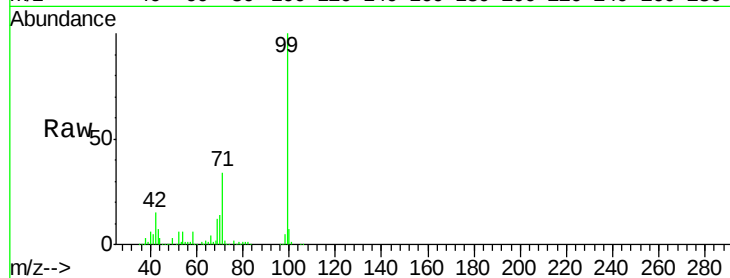
Tgt Ion: 99 Resp: 680172

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

71 34.1 23.4 35.0



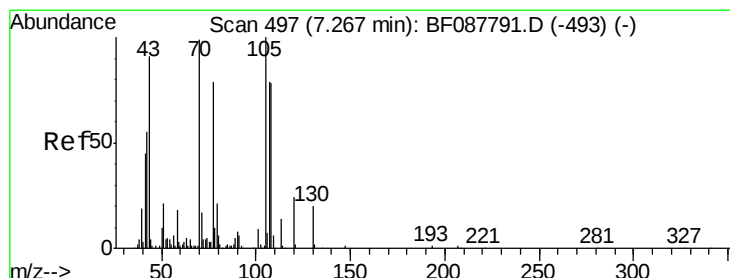
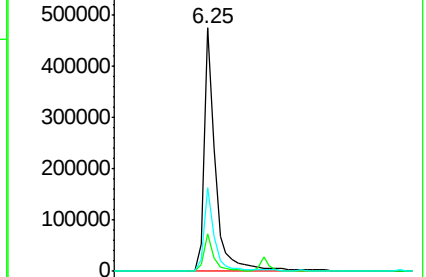
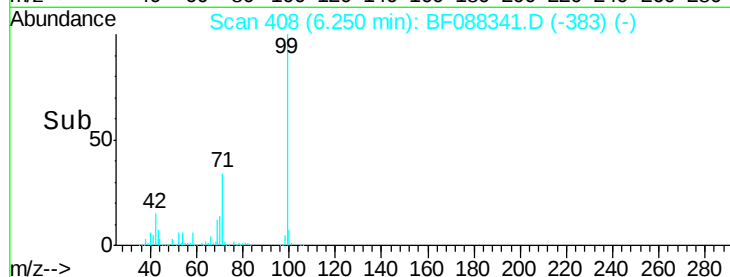
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.25

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 14.66 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

Tgt Ion: 70 Resp: 58635

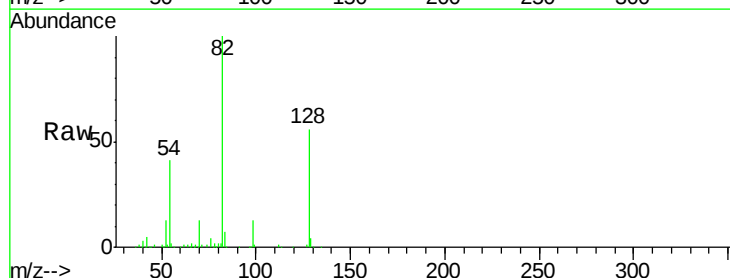
Ion Ratio Lower Upper

70 100

42 36.4 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BF0

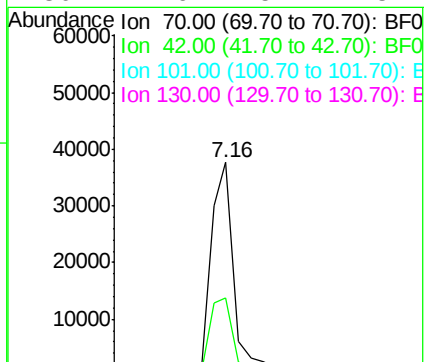
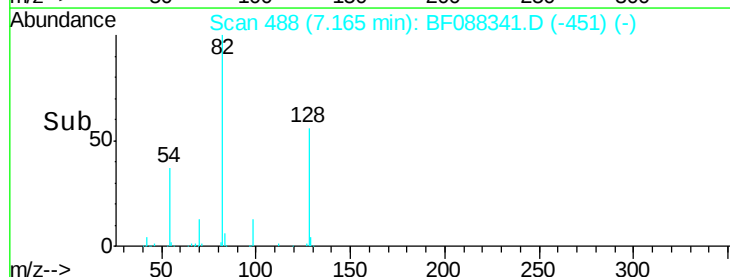
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

7.16

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

Instrument :

BNA_F

ClientSampleId :

PM-STA-1436(0-4)

Tgt Ion: 136 Resp: 341195

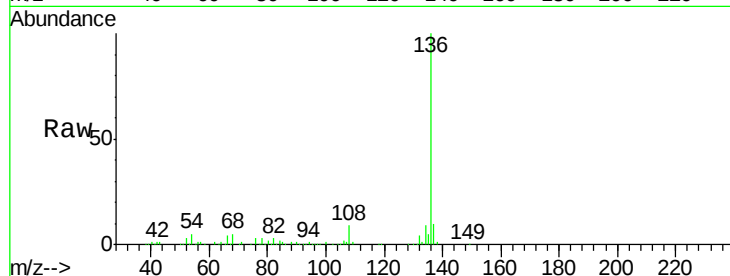
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.3 6.6 10.0#

68 4.5 5.1 7.7#

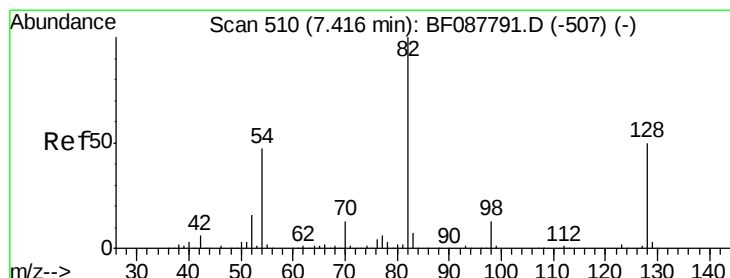
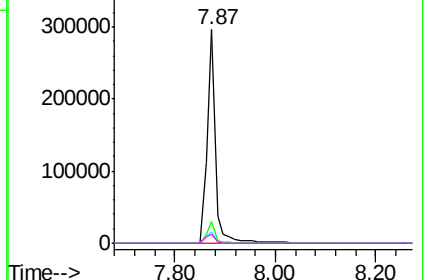
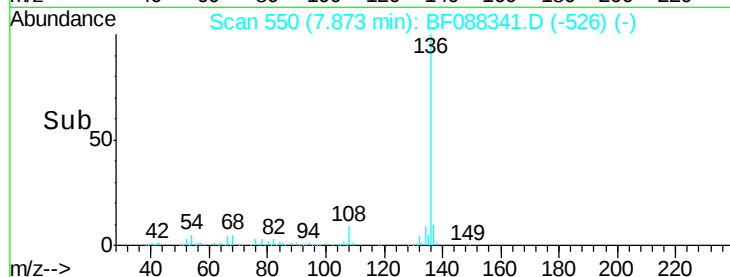


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 78.42 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

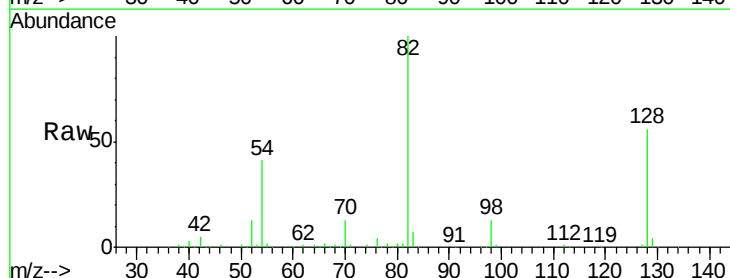
Tgt Ion: 82 Resp: 458234

Ion Ratio Lower Upper

82 100

128 55.6 35.9 53.9#

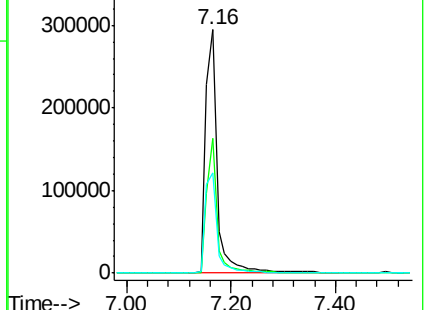
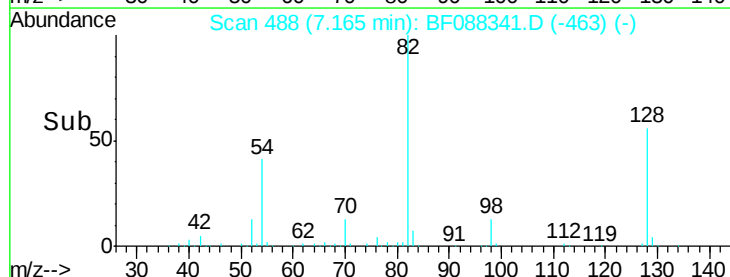
54 41.2 40.9 61.3

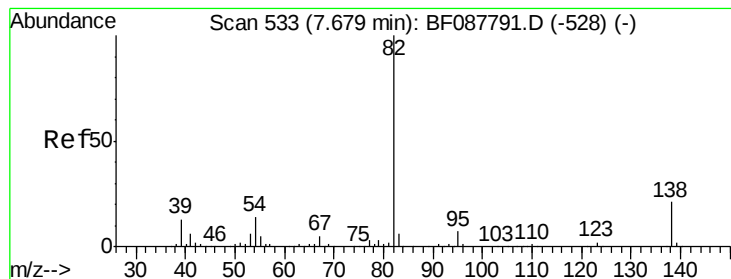


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 41.34 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.27 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

Instrument :

BNA_F

ClientSampleId :

PM-STA-1436(0-4)

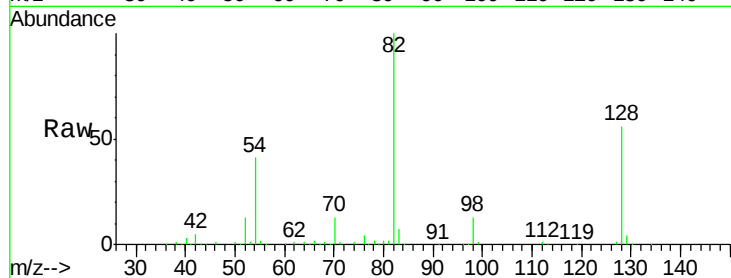
Tgt Ion: 82 Resp: 447438

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#

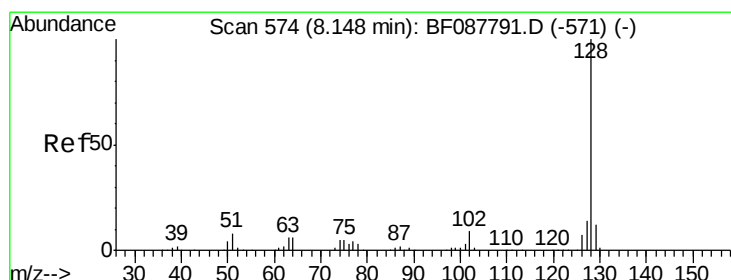
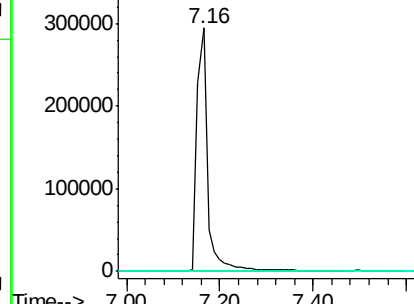
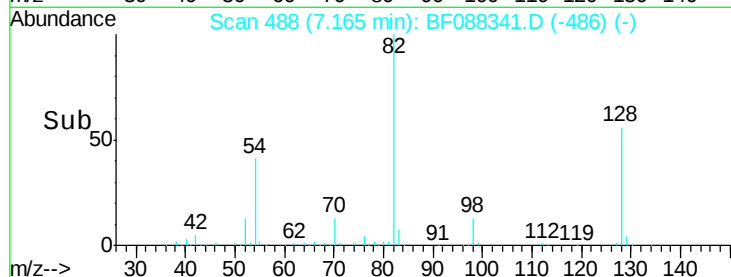


Abundance Ion 82.00 (81.70 to 82.70): BF087791.D (-528) (-)

Ion 95.00 (94.70 to 95.70): BF087791.D (-528) (-)

Ion 138.00 (137.70 to 138.70): BF087791.D (-528) (-)

Time-->



#31

Naphthalene

Concen: 4.22 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

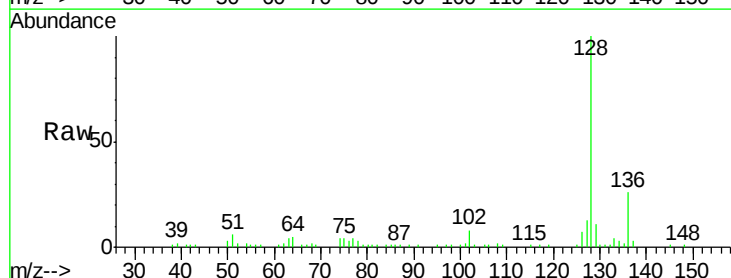
Tgt Ion: 128 Resp: 71236

Ion Ratio Lower Upper

128 100

129 10.7 9.4 14.2

127 13.3 10.9 16.3

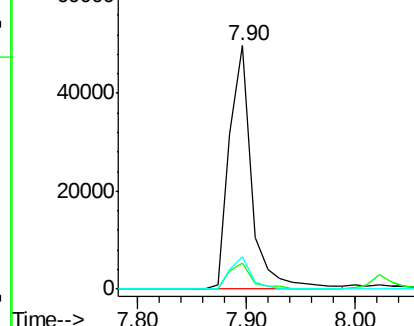
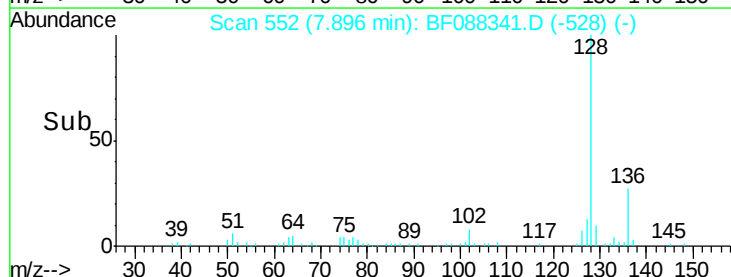


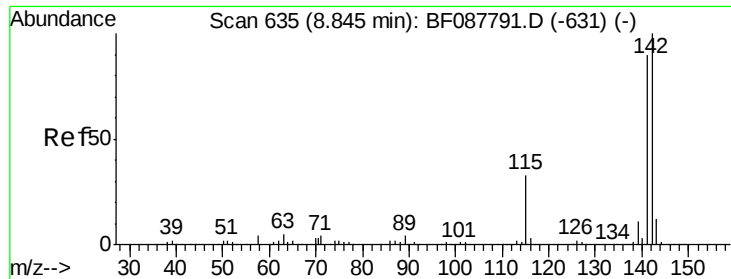
Abundance Ion 128.00 (127.70 to 128.70): BF087791.D (-571) (-)

Ion 129.00 (128.70 to 129.70): BF087791.D (-571) (-)

Ion 127.00 (126.70 to 127.70): BF087791.D (-571) (-)

Time-->

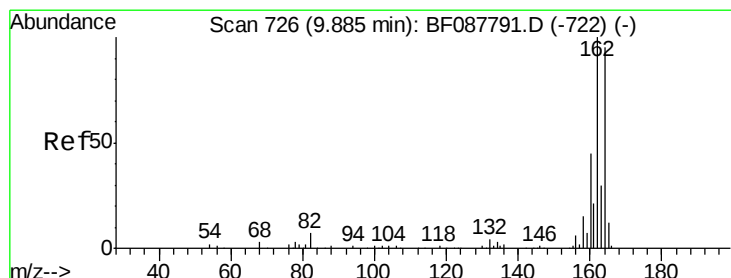
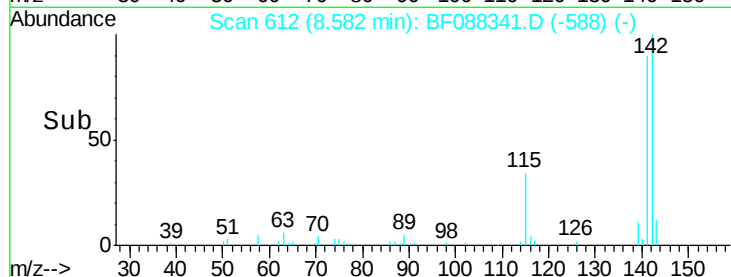
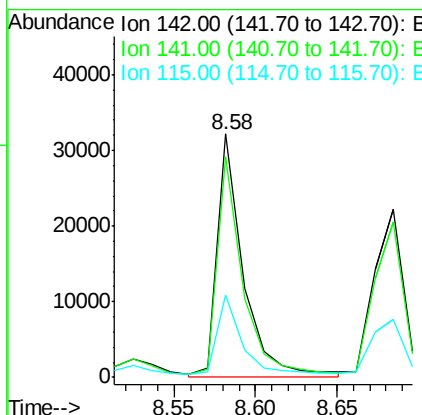
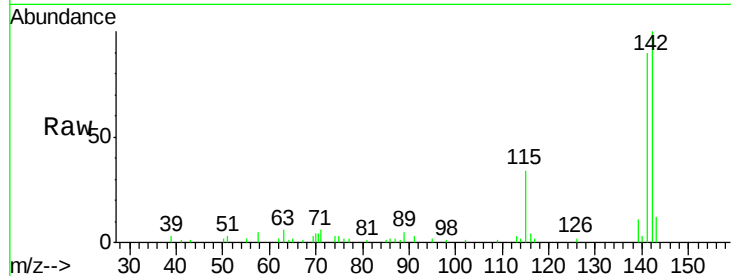




#37
 2-Methylnaphthalene
 Concen: 3.23 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF088341.D
 Acq: 24 Jun 2016 19:51

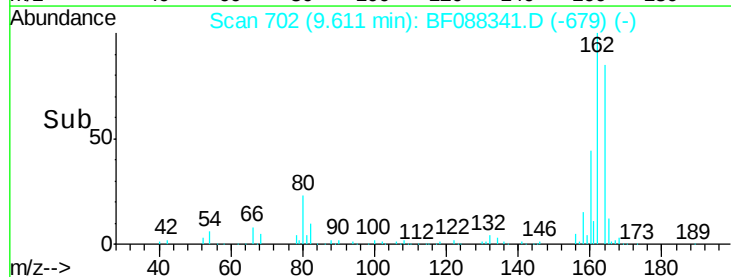
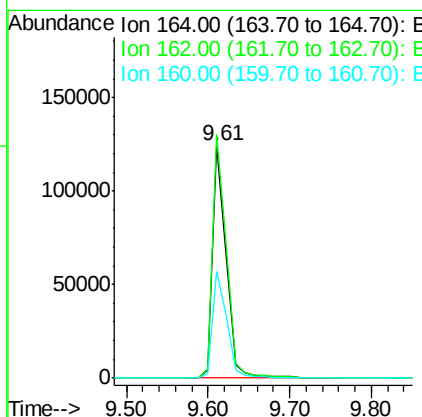
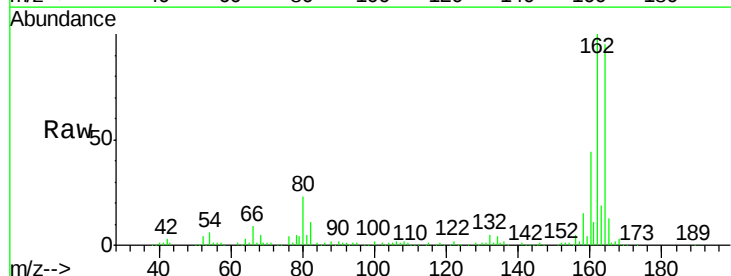
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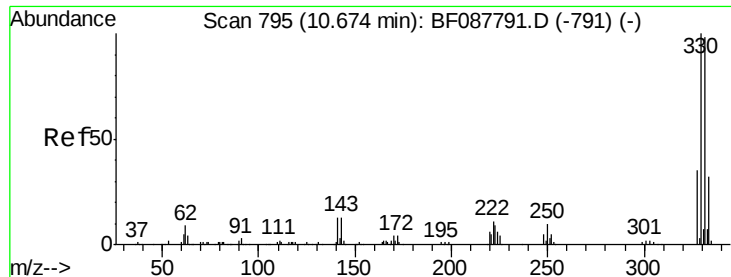
Tgt Ion:142 Resp: 35983
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.0 106.6
 115 34.0 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF088341.D
 Acq: 24 Jun 2016 19:51

Tgt Ion:164 Resp: 146483
 Ion Ratio Lower Upper
 164 100
 162 104.8 85.4 128.2
 160 45.8 39.5 59.3

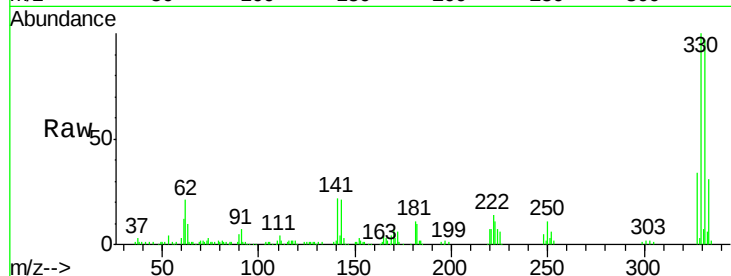




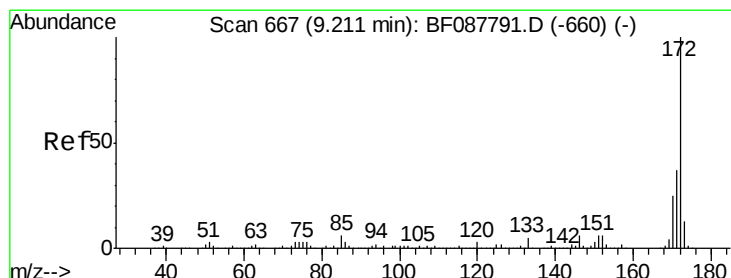
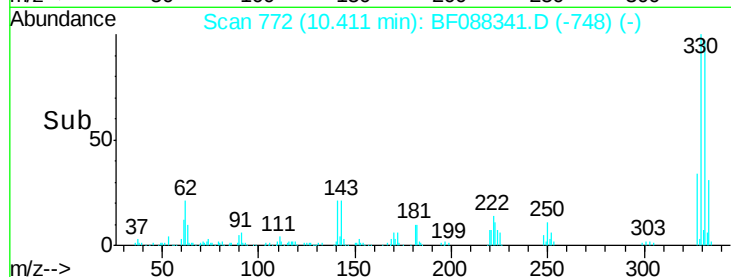
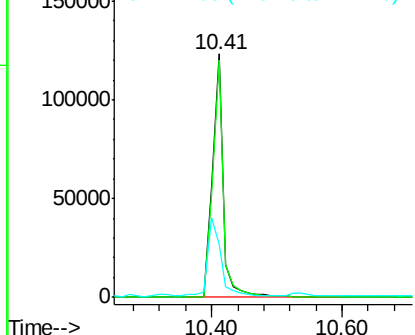
#41
 2,4,6-Tribromophenol
 Concen: 94.51 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088341.D
 Acq: 24 Jun 2016 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1436(0-4)

Tgt Ion:330 Resp: 146180
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 37.8 0.0 0.0#

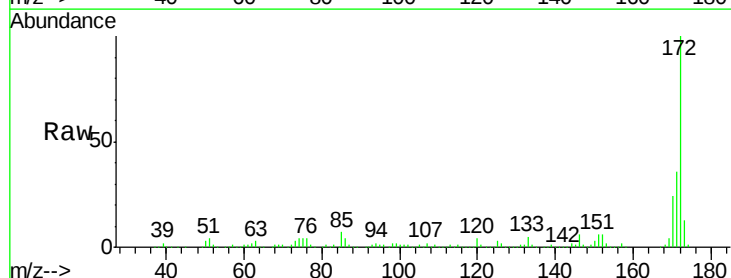


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

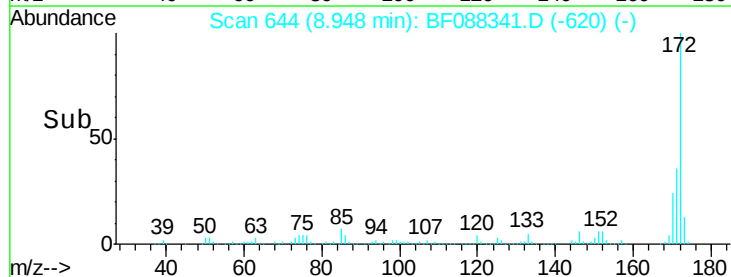
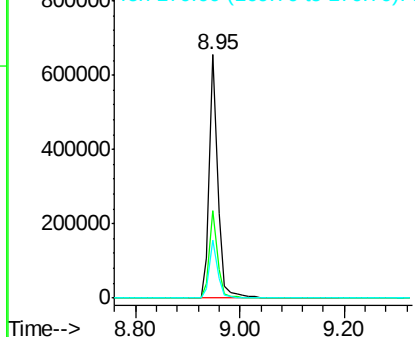


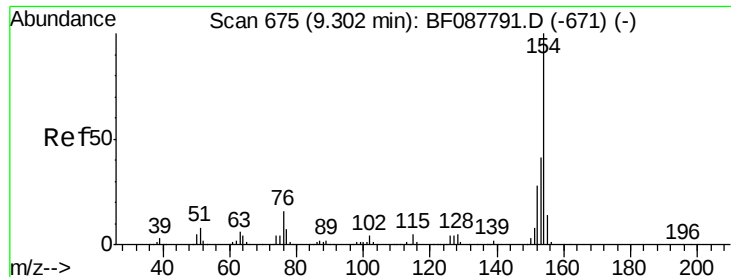
#44
 2-Fluorobiphenyl
 Concen: 79.31 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088341.D
 Acq: 24 Jun 2016 19:51

Tgt Ion:172 Resp: 743035
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.8 19.2 28.8



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

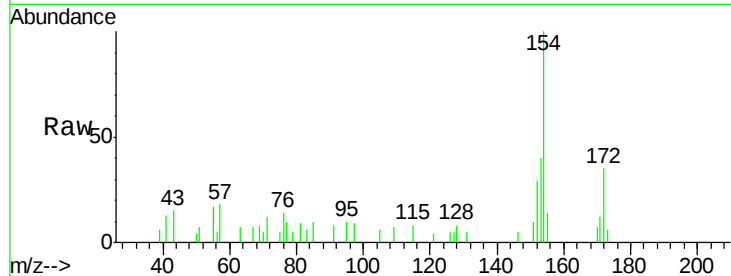




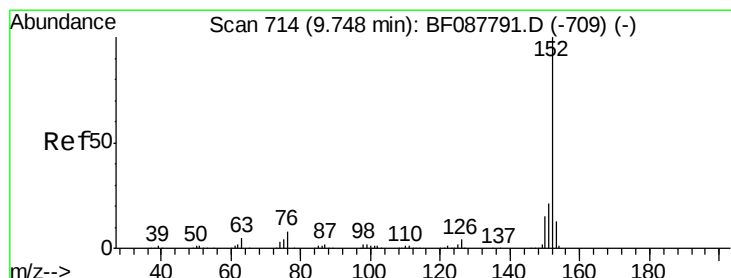
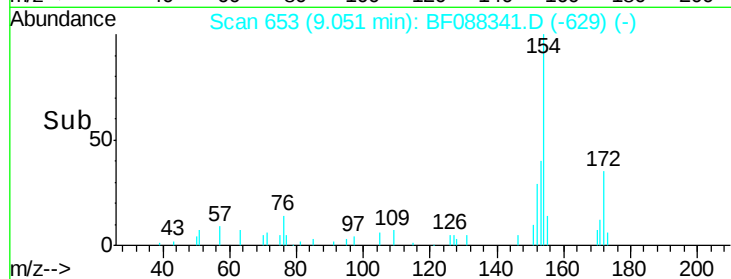
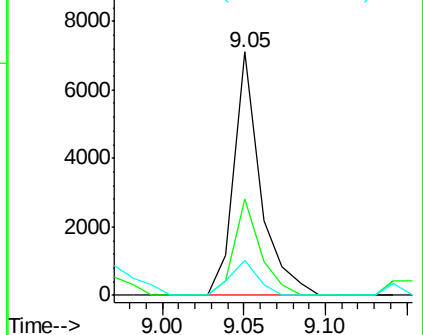
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088341.D
Acq: 24 Jun 2016 19:51

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)

Tgt Ion:	154	Resp:	7969
Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.6	60.6
76	14.2	0.0	35.1

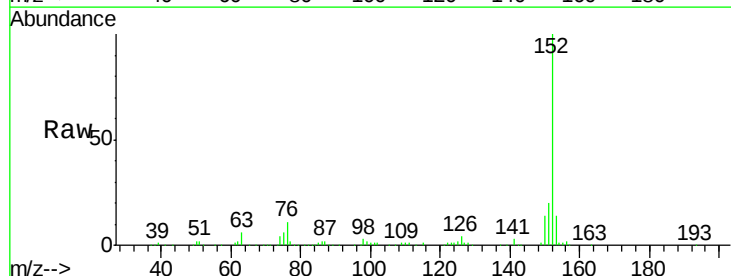


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

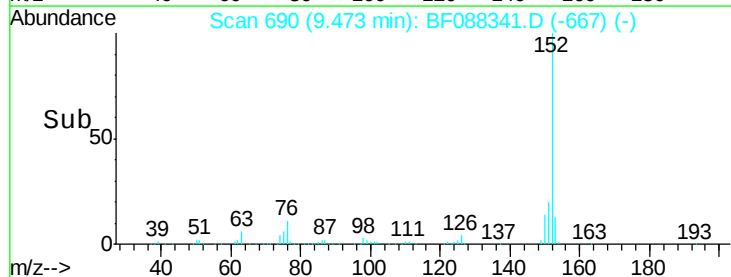
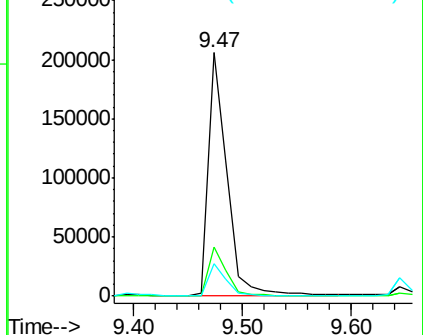


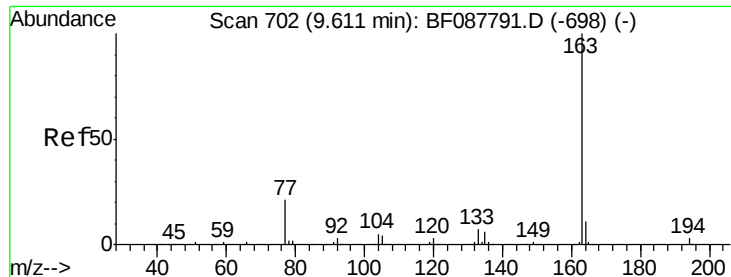
#48
Acenaphthylene
Concen: 16.54 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF088341.D
Acq: 24 Jun 2016 19:51

Tgt Ion:	152	Resp:	249399
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.5	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

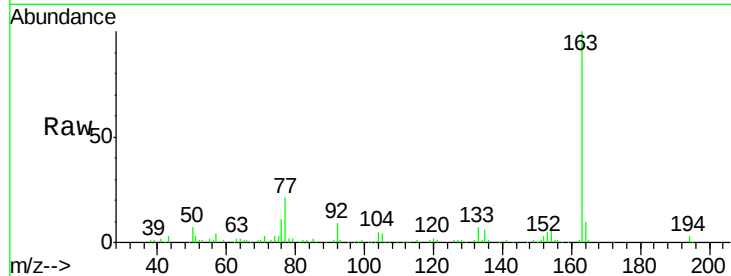




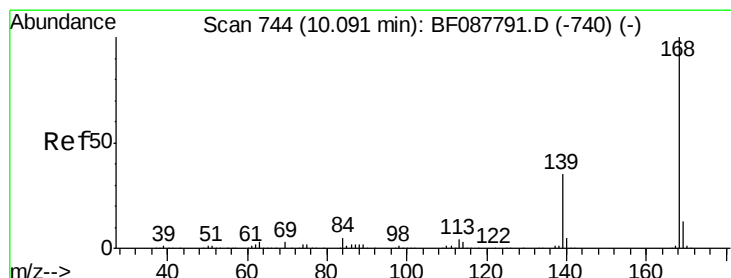
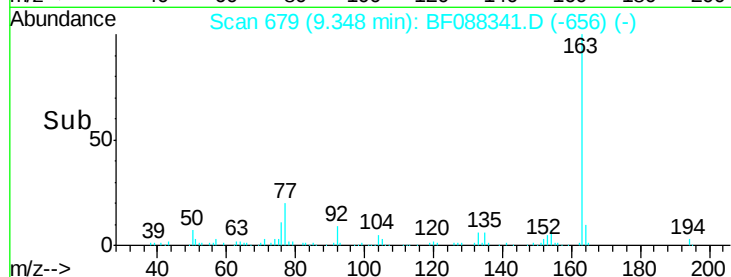
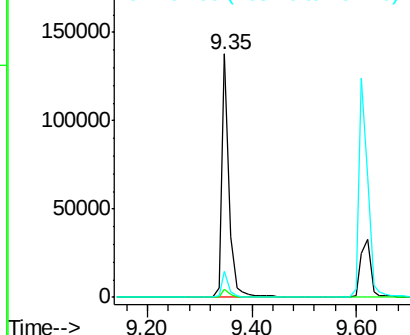
#49
Dimethylphthalate
Concen: 12.75 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF088341.D
Acq: 24 Jun 2016 19:51

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)

Tgt Ion:163 Resp: 135338
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.5 8.3 12.5

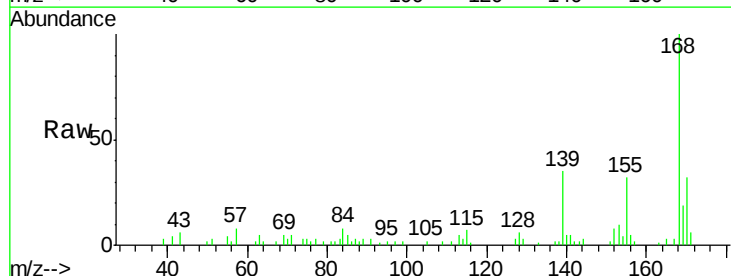


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

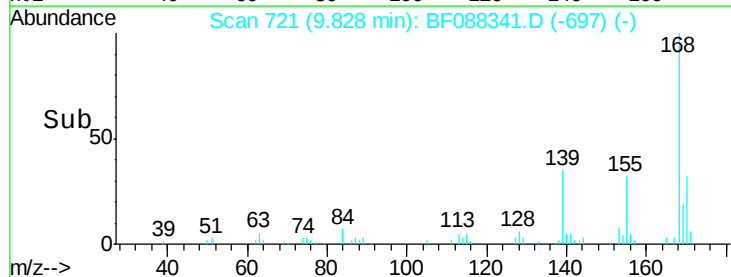
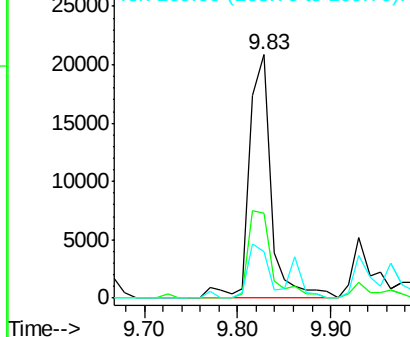


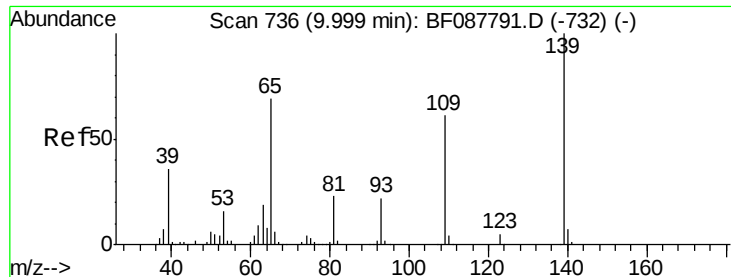
#54
Dibenzofuran
Concen: 2.61 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088341.D
Acq: 24 Jun 2016 19:51

Tgt Ion:168 Resp: 33844
Ion Ratio Lower Upper
168 100
139 34.9 26.4 39.6
169 19.4 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

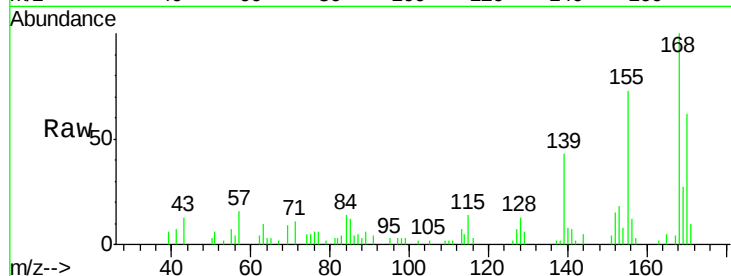




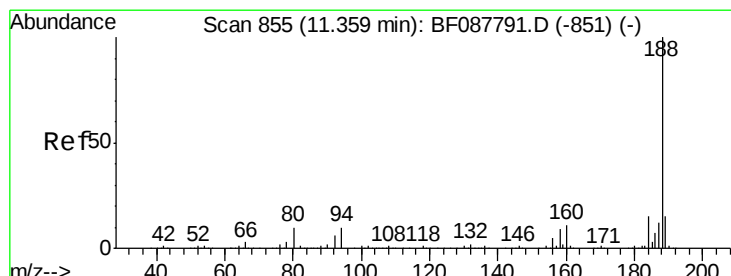
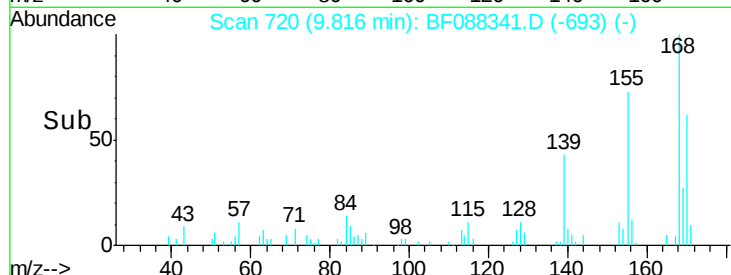
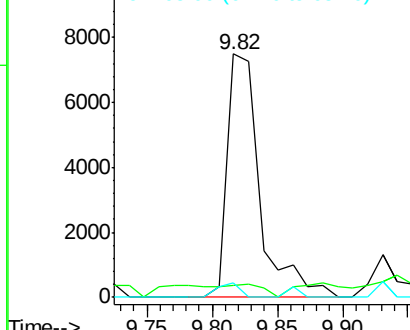
#55
4-Nitrophenol
Concen: 6.02 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.01 min
Lab File: BF088341.D
Acq: 24 Jun 2016 19:51

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)

Tgt Ion	Ratio	Lower	Upper
139	100		
109	4.8	48.9	88.9#
65	5.9	84.9	124.9#

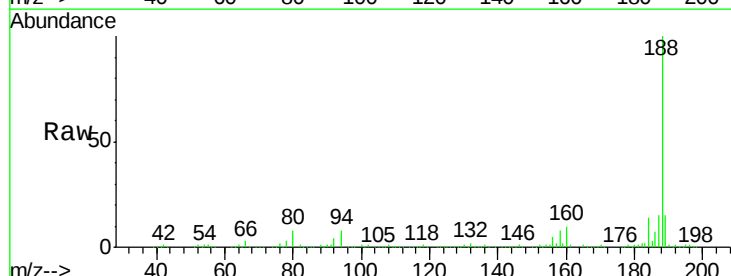


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

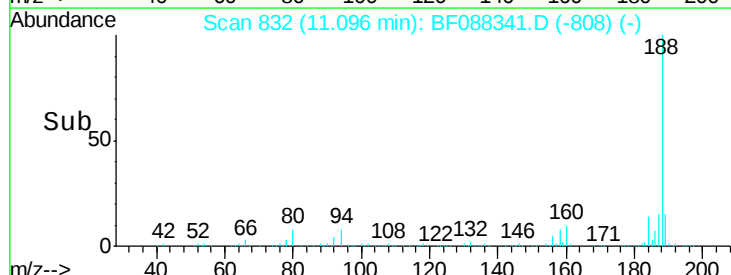
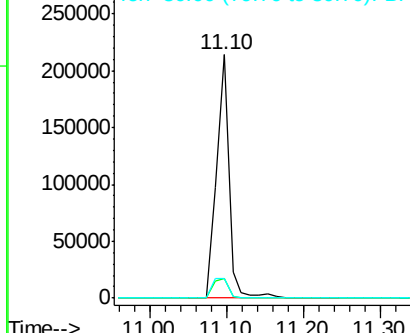


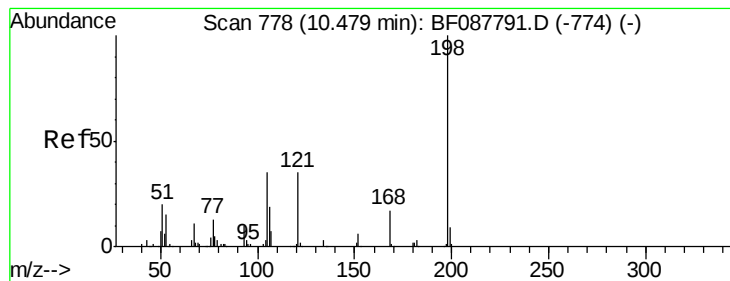
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088341.D
Acq: 24 Jun 2016 19:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.0	13.6#
80	7.9	10.0	15.0#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.51 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.17 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

Instrument :

BNA_F

ClientSampleId :

PM-STA-1436(0-4)

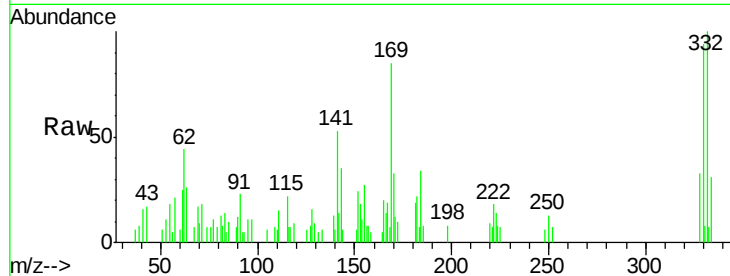
Tgt Ion:198 Resp: 552

Ion Ratio Lower Upper

198 100

51 75.7 39.6 79.6

105 77.1 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

1500

1000

500

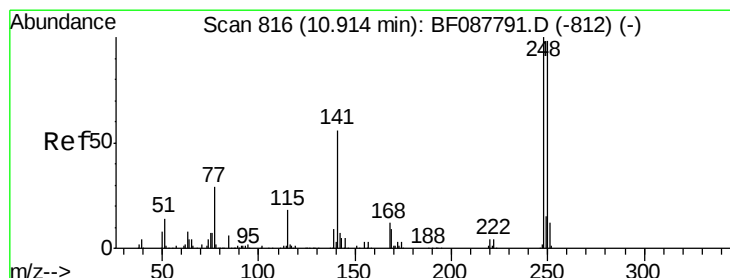
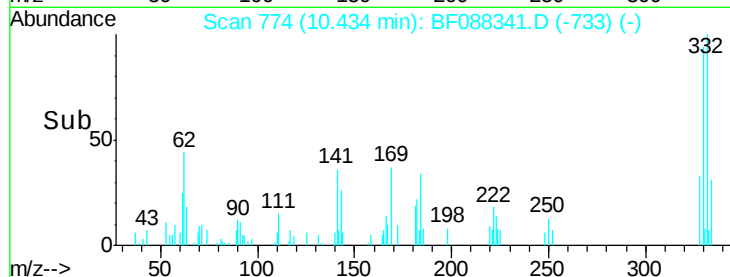
0

10.40

10.43

10.45

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.48 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.26 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

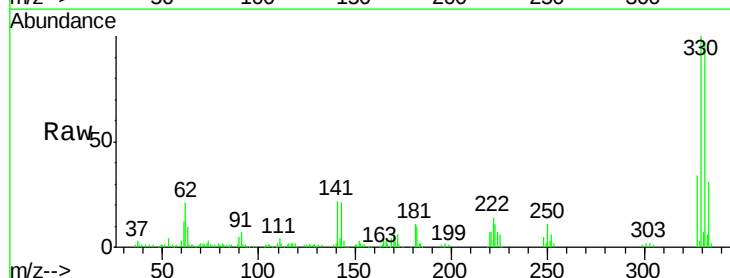
Tgt Ion:248 Resp: 9012

Ion Ratio Lower Upper

248 100

250 196.1 77.1 115.7#

141 396.1 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

50000

40000

30000

20000

10000

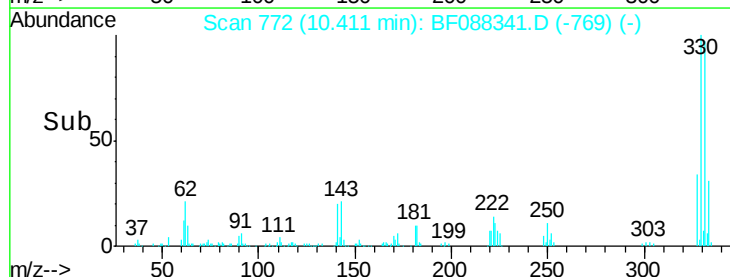
0

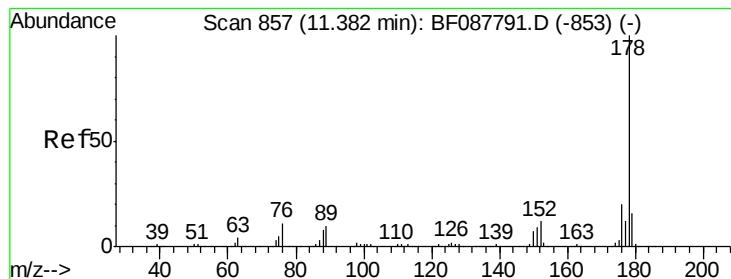
10.40

10.41

10.45

Time-->





#70

Phenanthrene

Concen: 32.02 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

Instrument :

BNA_F

ClientSampleId :

PM-STA-1436(0-4)

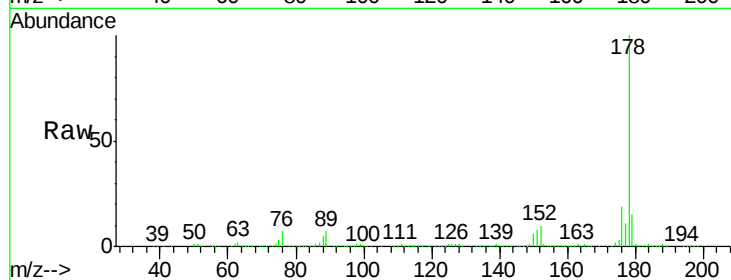
Tgt Ion:178 Resp: 405840

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

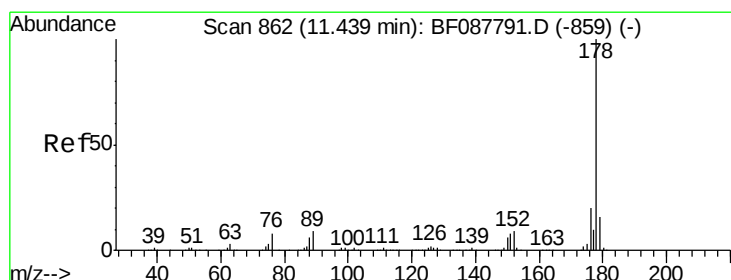
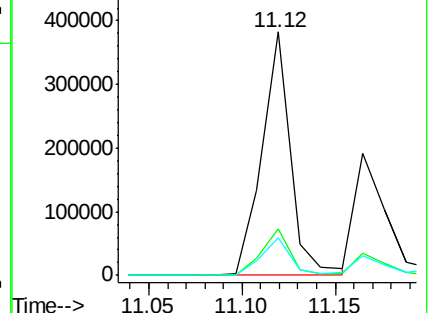
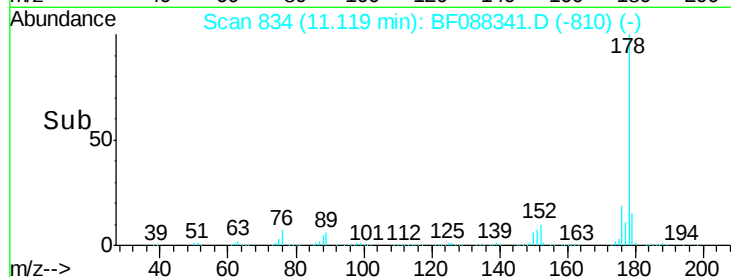
179 15.2 13.0 19.4



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: 18.90 ng

RT: 11.17 min Scan# 838

Delta R.T. -0.03 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

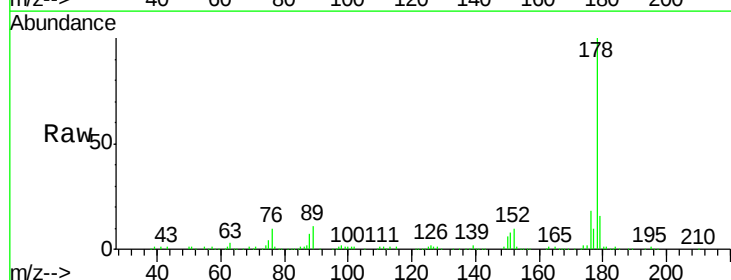
Tgt Ion:178 Resp: 241572

Ion Ratio Lower Upper

178 100

176 17.9 15.6 23.4

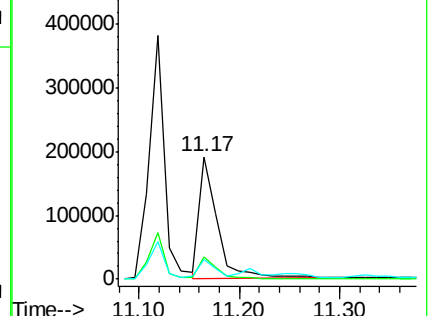
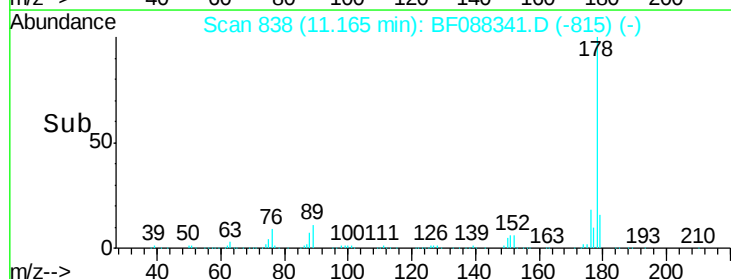
179 16.3 12.8 19.2

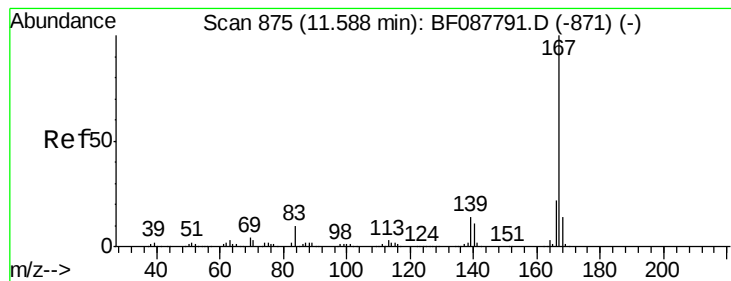


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.46 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

Instrument :

BNA_F

ClientSampleId :

PM-STA-1436(0-4)

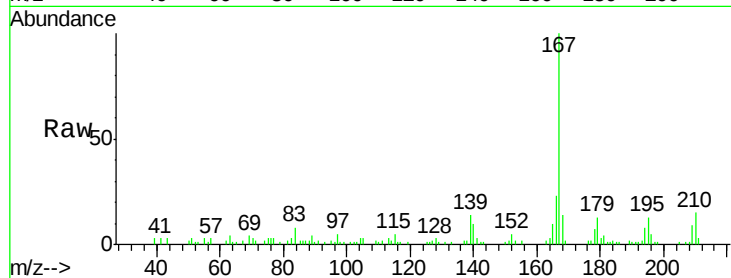
Tgt Ion:167 Resp: 41360

Ion Ratio Lower Upper

167 100

166 23.2 17.8 26.6

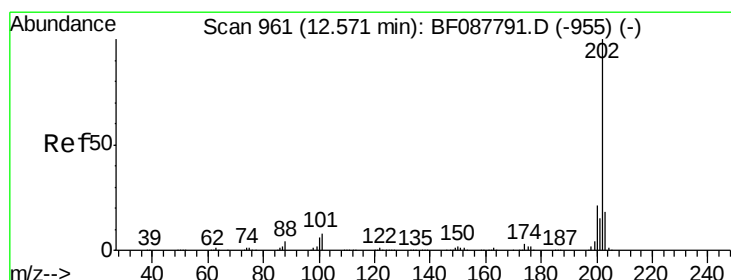
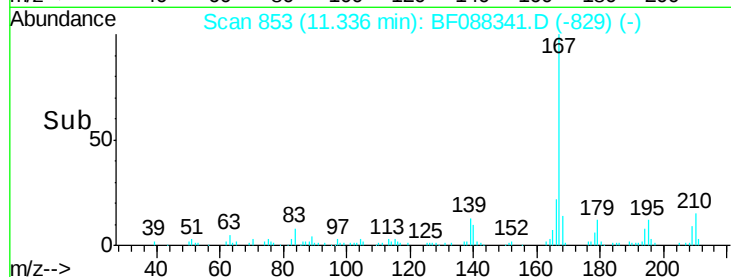
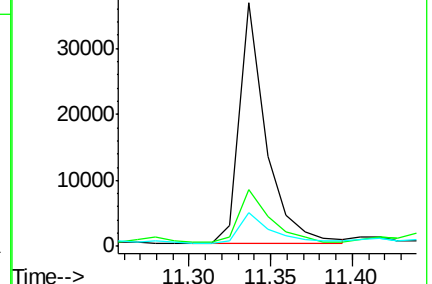
139 13.9 11.2 16.8



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: 85.00 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

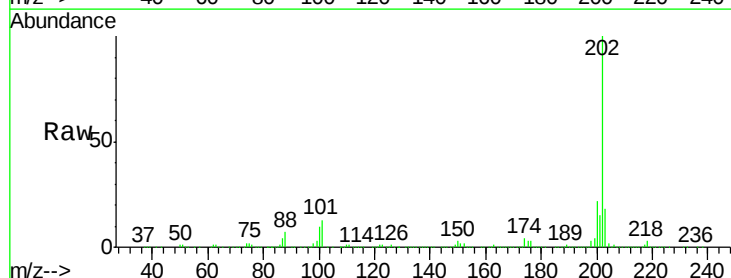
Tgt Ion:202 Resp: 1136841

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.1

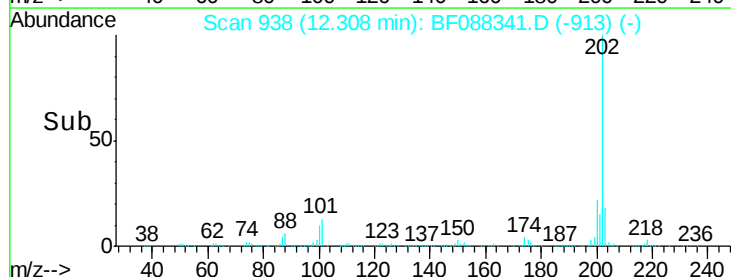
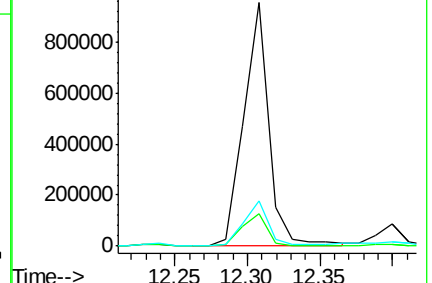
203 18.4 0.0 38.1

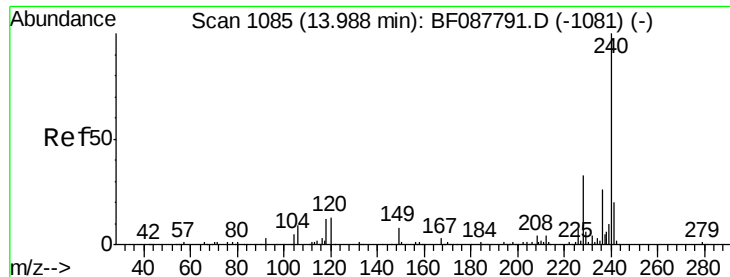


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.73 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

Instrument :

BNA_F

ClientSampleId :

PM-STA-1436(0-4)

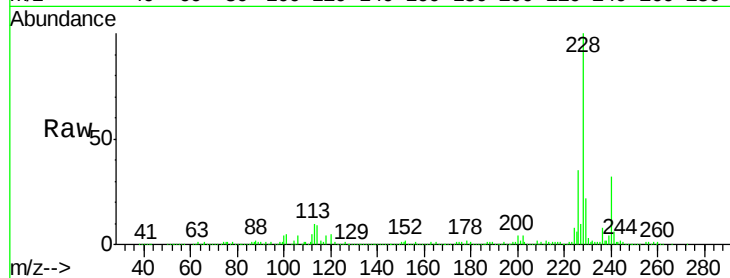
Tgt Ion:240 Resp: 141811

Ion Ratio Lower Upper

240 100

120 16.4 6.8 10.2#

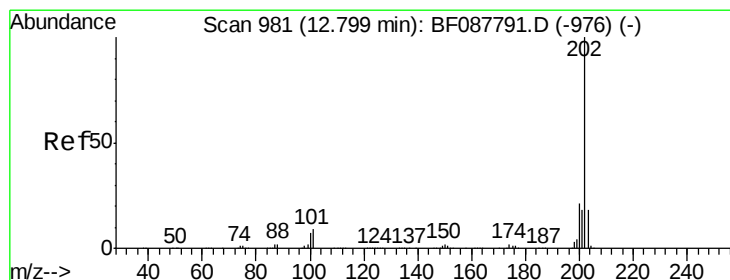
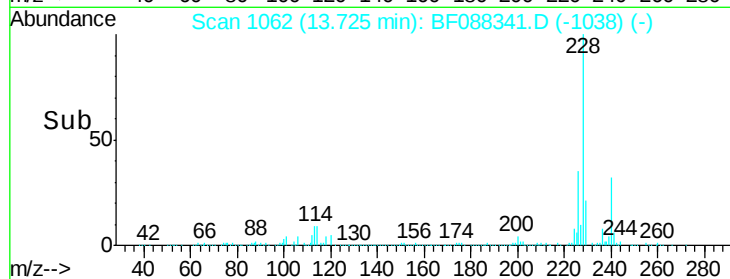
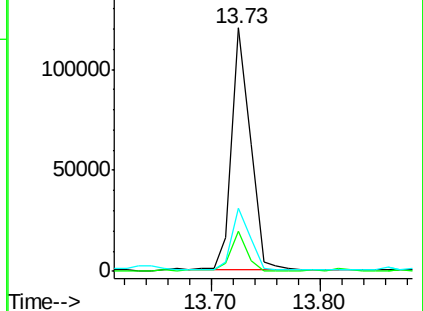
236 25.8 20.2 30.2



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: 111.75 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

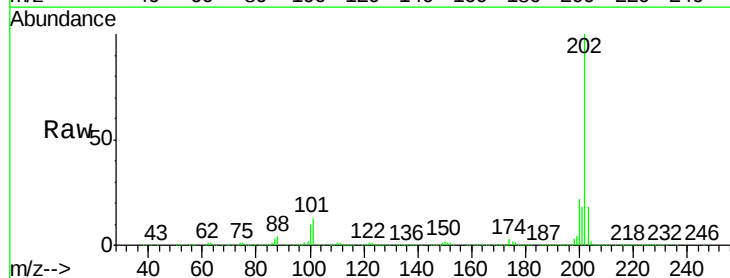
Tgt Ion:202 Resp: 1175939

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

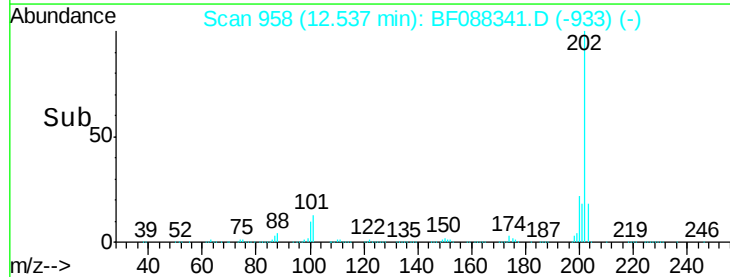
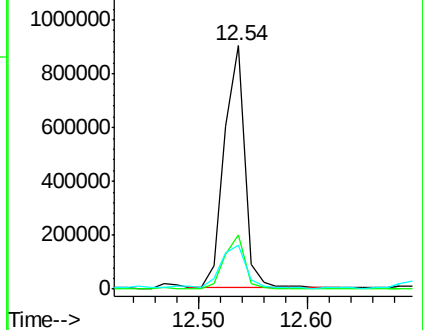
203 18.0 14.5 21.7

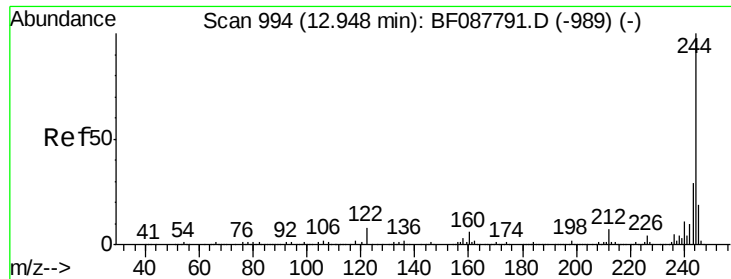


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

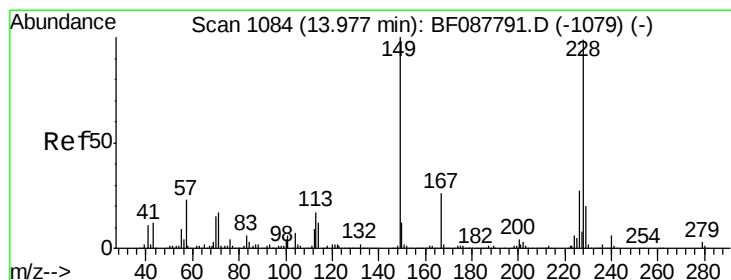
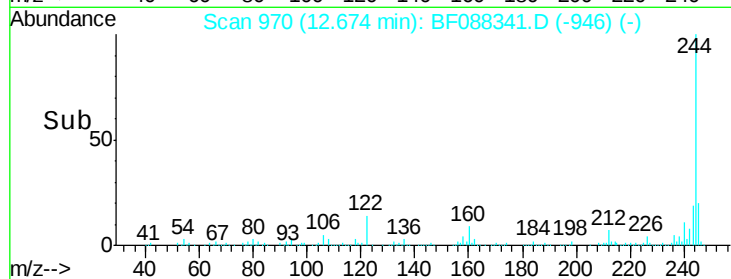
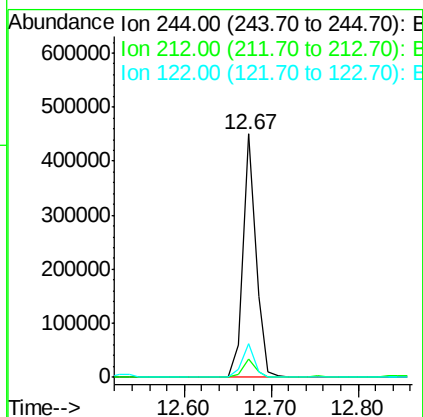
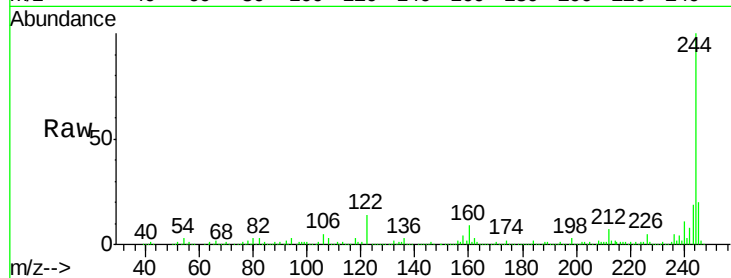




#78
 Terphenyl-d14
 Concen: 74.93 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088341.D
 Acq: 24 Jun 2016 19:51

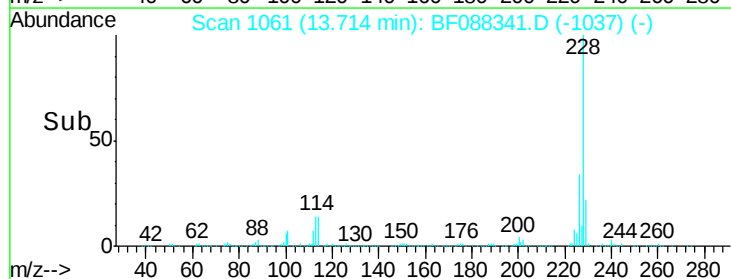
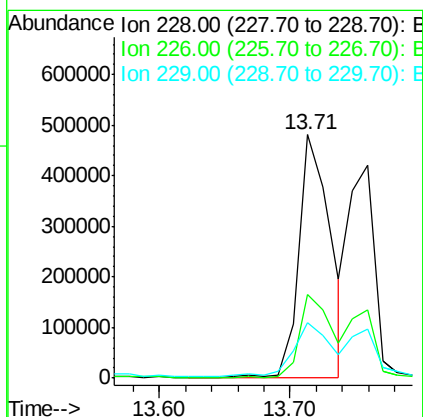
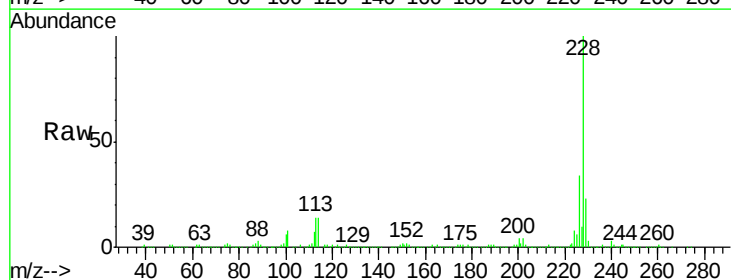
Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1436(0-4)

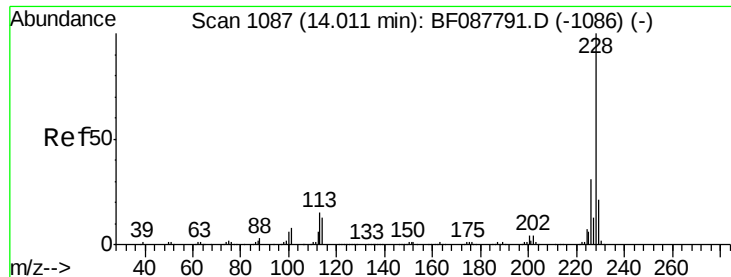
Tgt Ion:244 Resp: 466961
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.1 11.2 16.8



#80
 Benzo(a)anthracene
 Concen: 98.92 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF088341.D
 Acq: 24 Jun 2016 19:51

Tgt Ion:228 Resp: 799392
 Ion Ratio Lower Upper
 228 100
 226 34.3 22.3 33.5#
 229 22.5 16.0 24.0

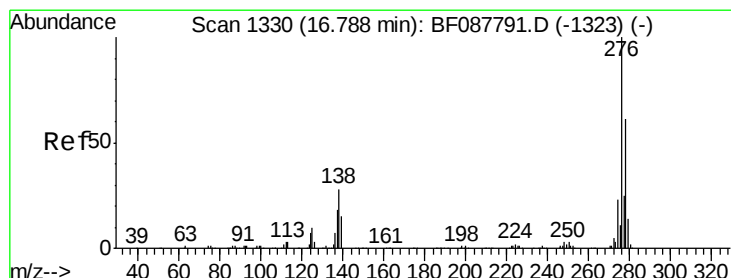
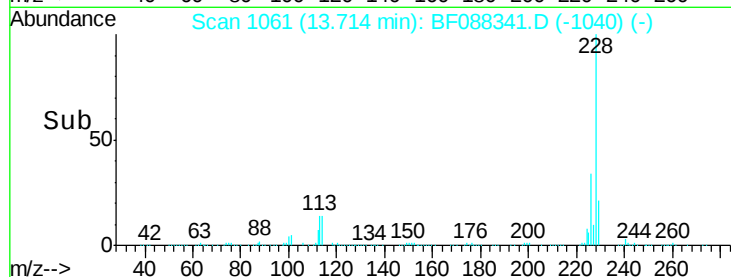
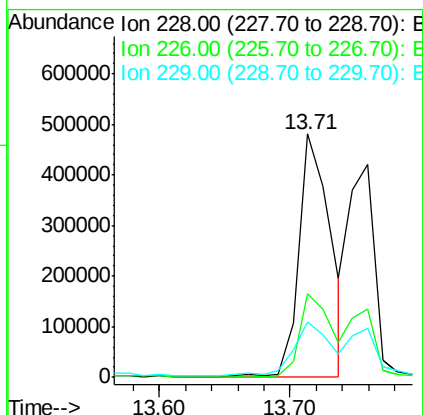
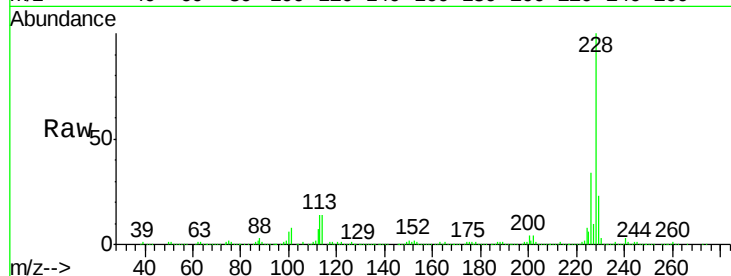




#82
Chrysene
Concen: 105.15 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.06 min
Lab File: BF088341.D
Acq: 24 Jun 2016 19:51

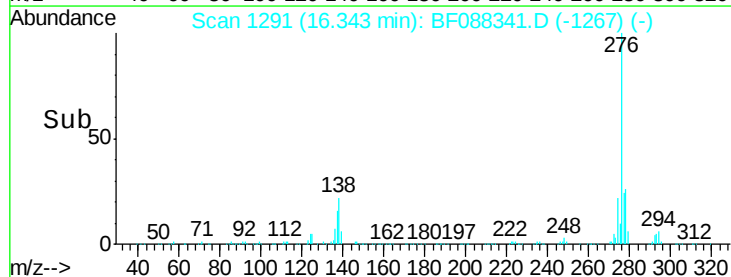
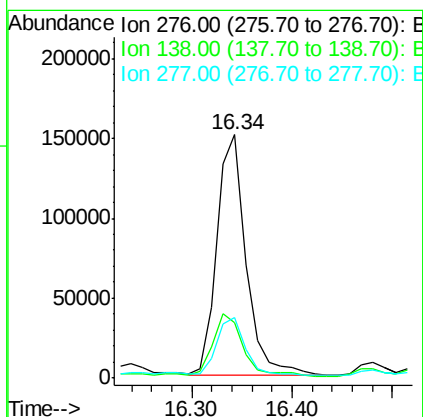
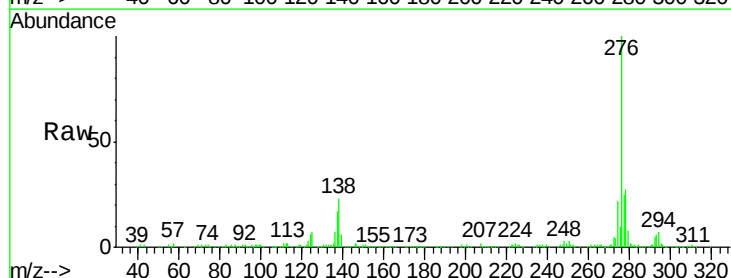
Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)

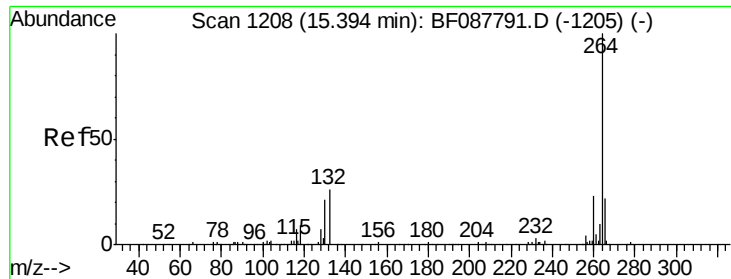
Tgt Ion:228 Resp: 799392
Ion Ratio Lower Upper
228 100
226 34.3 25.4 38.2
229 22.5 16.3 24.5



#85
Indeno(1,2,3-cd)pyrene
Concen: 43.10 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF088341.D
Acq: 24 Jun 2016 19:51

Tgt Ion:276 Resp: 304464
Ion Ratio Lower Upper
276 100
138 26.7 0.0 0.0#
277 23.9 0.0 0.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.09 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

Instrument :

BNA_F

ClientSampleId :

PM-STA-1436(0-4)

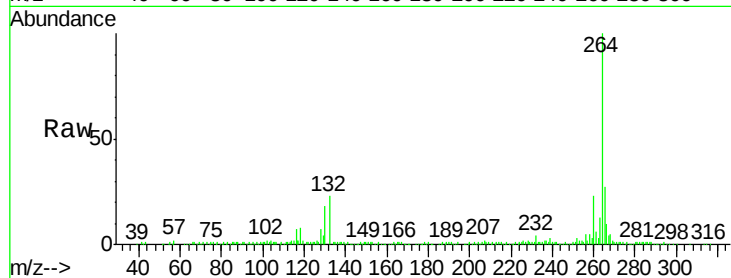
Tgt Ion:264 Resp: 173757

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

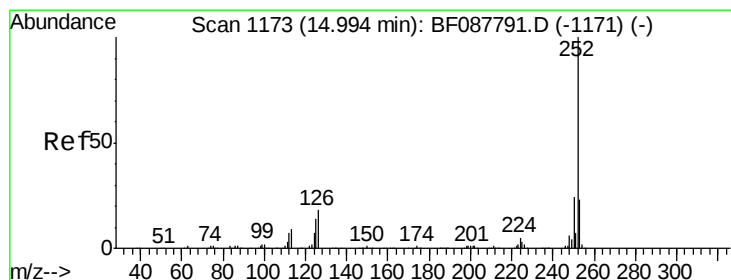
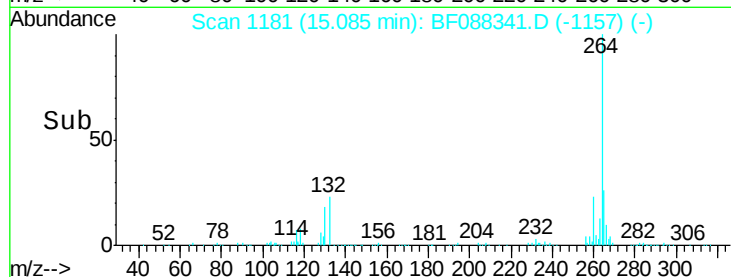
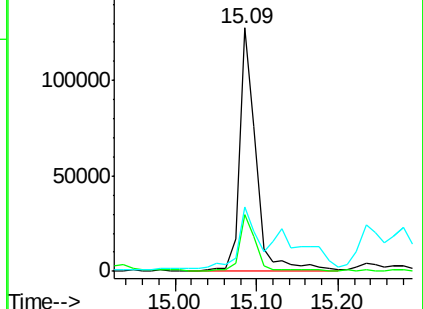
265 26.7 16.9 25.3#



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: 97.43 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF088341.D

Acq: 24 Jun 2016 19:51

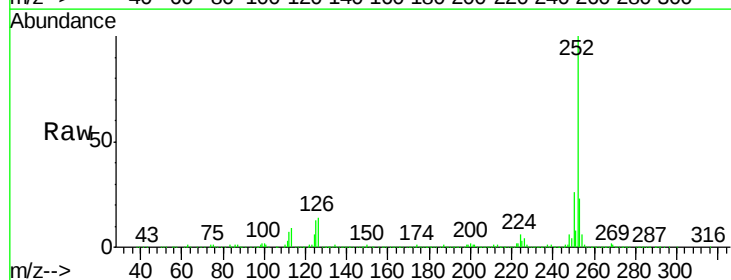
Tgt Ion:252 Resp: 1179960

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

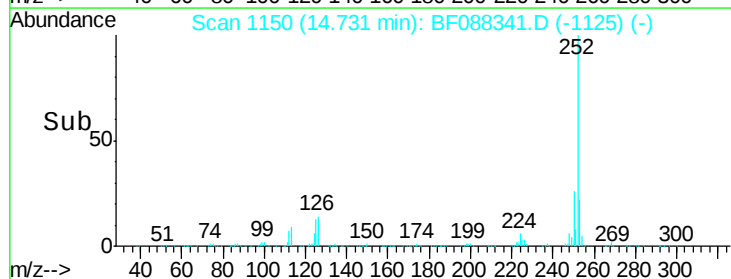
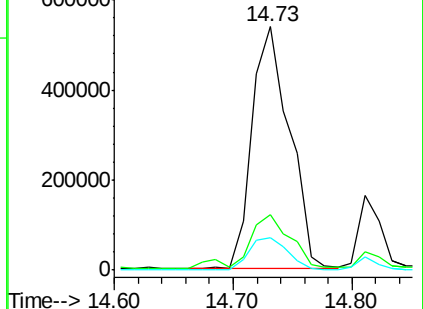
125 13.1 7.1 10.7#

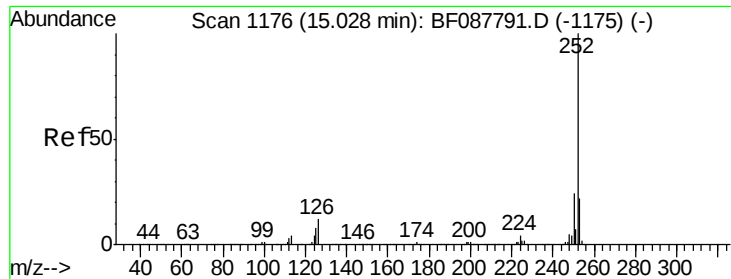


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

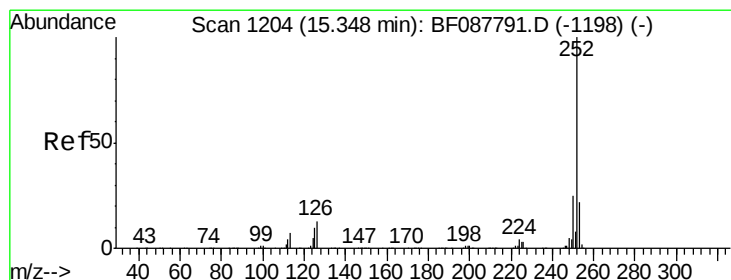
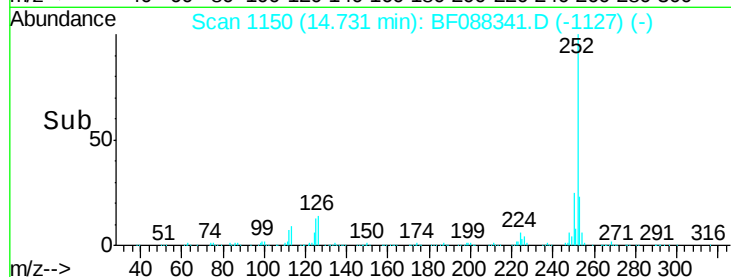
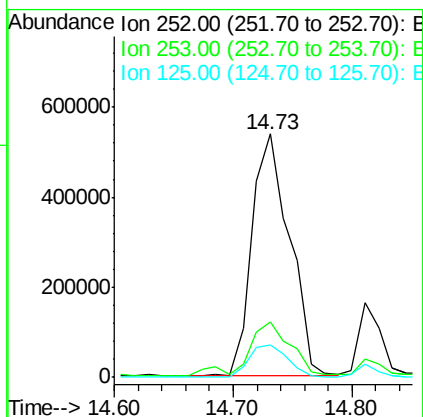
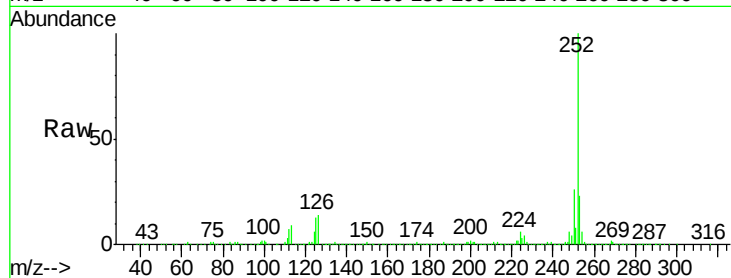




#88
Benzo(k)fluoranthene
Concen: 129.16 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BF088341.D
Acq: 24 Jun 2016 19:51

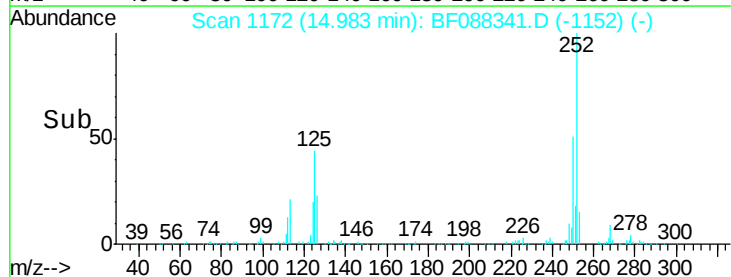
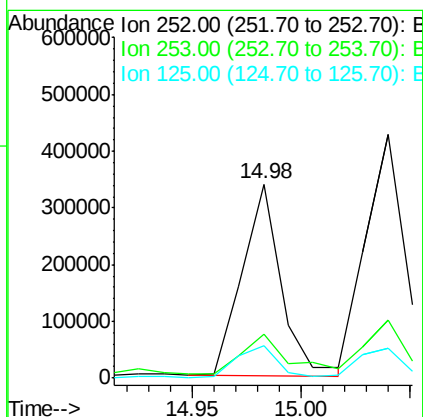
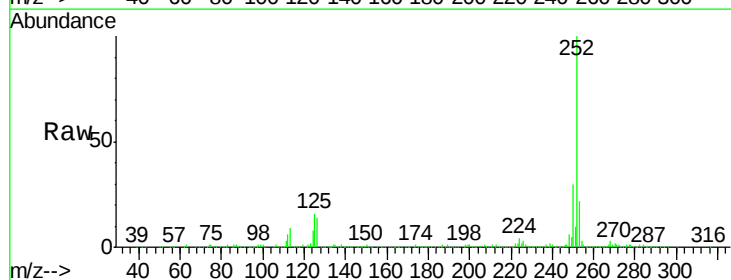
Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)

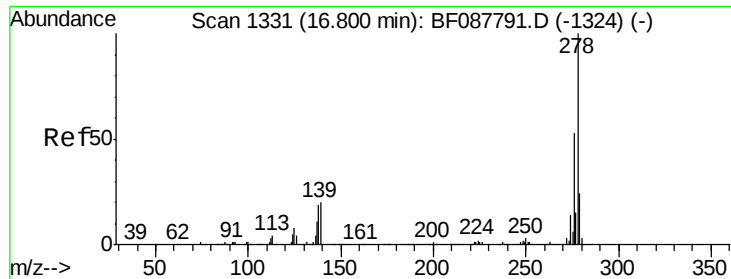
Tgt Ion:252 Resp: 1179960
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 13.1 11.2 16.8



#89
Benzo(a)pyrene
Concen: 43.21 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088341.D
Acq: 24 Jun 2016 19:51

Tgt Ion:252 Resp: 423360
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 16.5 12.5 18.7



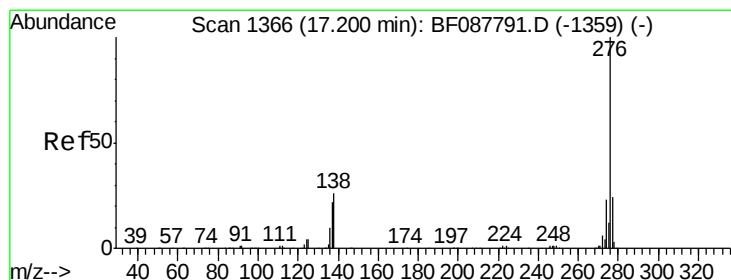
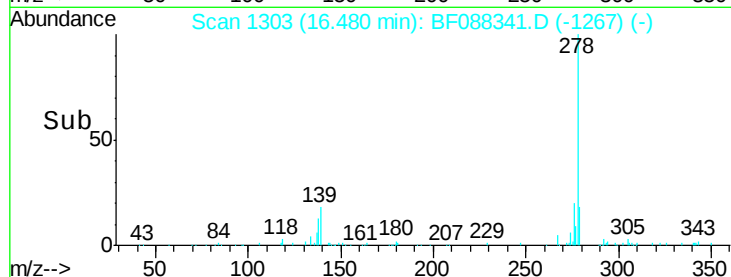
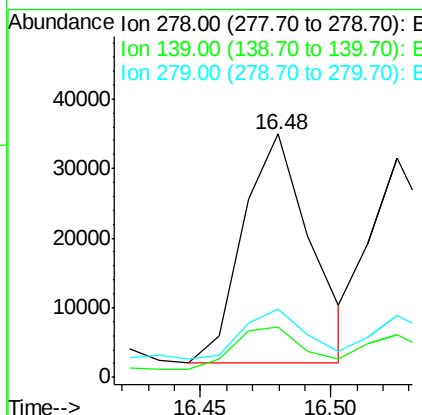
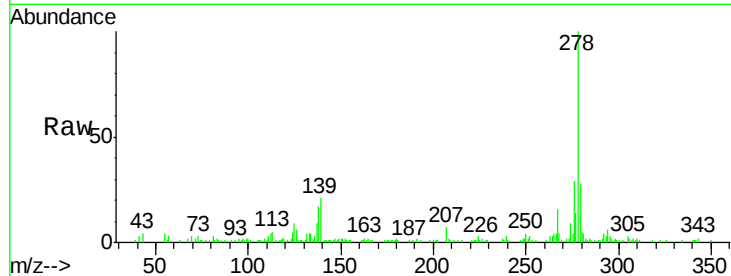


#90
Dibenzo(a,h)anthracene
Concen: 6.56 ng
RT: 16.48 min Scan# 1303
Delta R.T. 0.11 min
Lab File: BF088341.D
Acq: 24 Jun 2016 19:51

Instrument :
BNA_F
ClientSampleId :
PM-STA-1436(0-4)

Tgt Ion: 278 Resp: 59726

Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.7	23.5
279	28.2	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 26.20 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.03 min
Lab File: BF088341.D
Acq: 24 Jun 2016 19:51

Tgt Ion: 276 Resp: 245246

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.9	28.3
138	26.5	21.4	32.2

