

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
 Data File : BF083657.D
 Acq On : 10 Dec 2015 00:00
 Operator : UM/IZ
 Sample : G4585-06DL2 25X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-P3WC-16(0-4)DL2

Quant Time: Dec 10 04:35:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	139483	20.00	ng	-0.02
21) Naphthalene-d8	7.57	136	553011	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	256550	20.00	ng	-0.02
63) Phenanthrene-d10	12.76	188	408259	20.00	ng	-0.02
75) Chrysene-d12	16.97	240	312756	20.00	ng	-0.02
86) Perylene-d12	18.61	264	276778	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.00	112	46907	5.10	ng	0.02
7) Phenol-d6	5.29	99	83969	6.83	ng	0.01
23) Nitrobenzene-d5	6.53	82	54941	4.64	ng	0.00
41) 2,4,6-Tribromophenol	11.67	330	9632	4.21	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	104395	5.73	ng	-0.02
78) Terphenyl-d14	15.38	244	70140	5.28	ng	-0.03

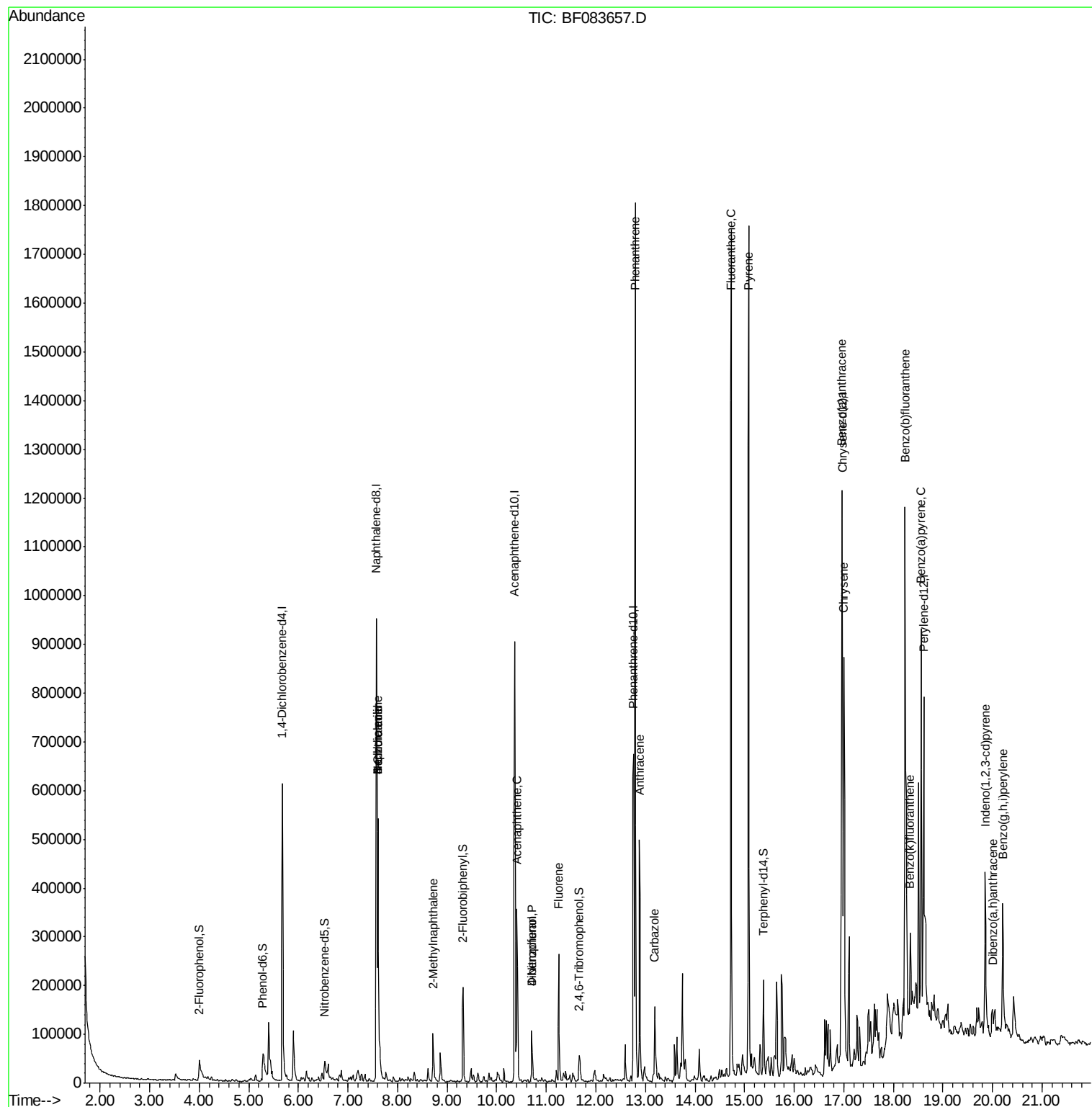
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	7.61	128	353741	12.08	ng	98
32) Benzoic acid	7.61	122	673	3.15	ng	# 1
33) 4-Chloroaniline	7.61	127	45045	4.22	ng	# 26
37) 2-Methylnaphthalene	8.72	142	43916	2.39	ng	99
51) Acenaphthene	10.41	154	116977	7.36	ng	99
54) Dibenzofuran	10.70	168	68629	3.11	ng	97
55) 4-Nitrophenol	10.70	139	24437	12.39	ng	# 6
57) Fluorene	11.25	166	111938	5.82	ng	100
70) Phenanthrene	12.80	178	961838	41.01	ng	99
71) Anthracene	12.88	178	320299	13.18	ng	97
72) Carbazole	13.19	167	120706	5.79	ng	98
74) Fluoranthene	14.73	202	1122602	46.78	ng	99
77) Pyrene	15.08	202	972621	43.20	ng	96
80) Benzo(a)anthracene	16.96	228	508487	27.78	ng	97
82) Chrysene	17.00	228	427742	23.31	ng	98
85) Indeno(1,2,3-cd)pyrene	19.85	276	221621	17.89	ng	# 100
87) Benzo(b)fluoranthene	18.24	252	728241	46.20	ng	99
88) Benzo(k)fluoranthene	18.34	252	82288	4.74	ng	98
89) Benzo(a)pyrene	18.56	252	415424	27.01	ng	97
90) Dibenzo(a,h)anthracene	20.00	278	35896	3.05	ng	95
91) Benzo(g,h,i)perylene	20.20	276	206095	17.98	ng	95

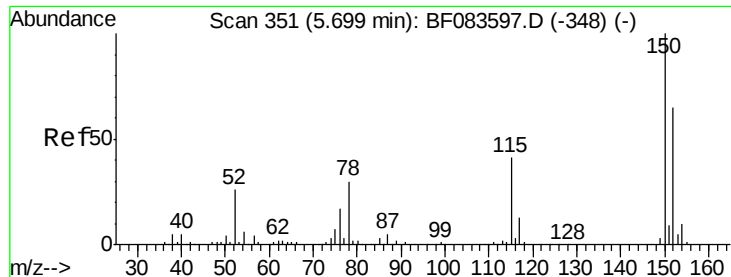
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
Data File : BF083657.D
Acq On : 10 Dec 2015 00:00
Operator : UM/IZ
Sample : G4585-06DL2 25X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-16(0-4)DL2

Quant Time: Dec 10 04:35:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.68 min Scan# 349

Delta R.T. -0.02 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SB-P3WC-16(0-4)DL2

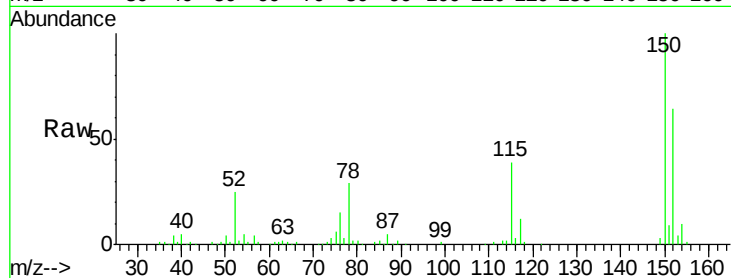
Tgt Ion:152 Resp: 139483

Ion Ratio Lower Upper

152 100

150 155.7 126.5 189.7

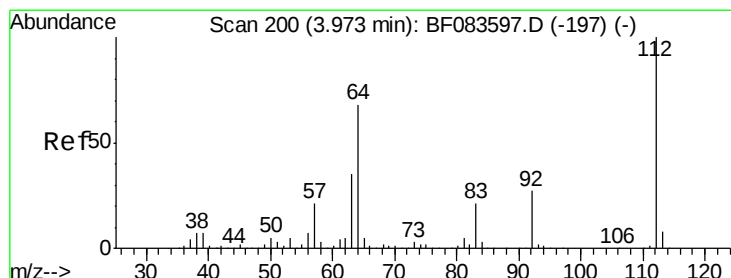
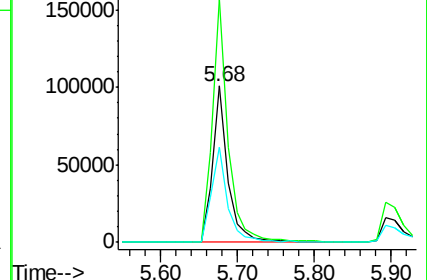
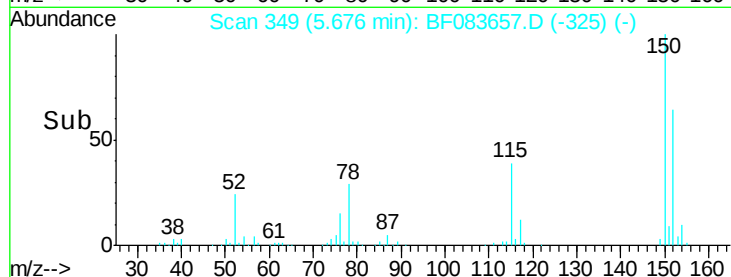
115 61.0 52.3 78.5



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: 5.10 ng

RT: 4.00 min Scan# 202

Delta R.T. 0.02 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

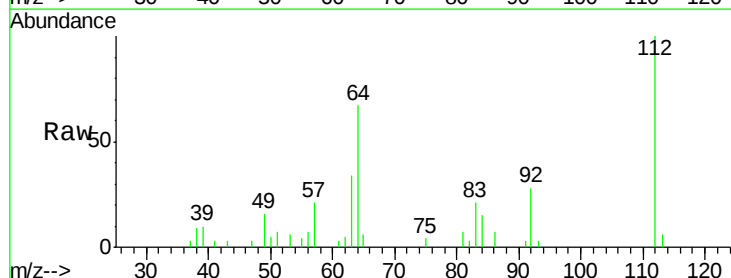
Tgt Ion:112 Resp: 46907

Ion Ratio Lower Upper

112 100

64 66.6 50.5 75.7

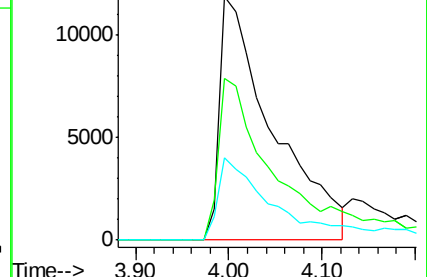
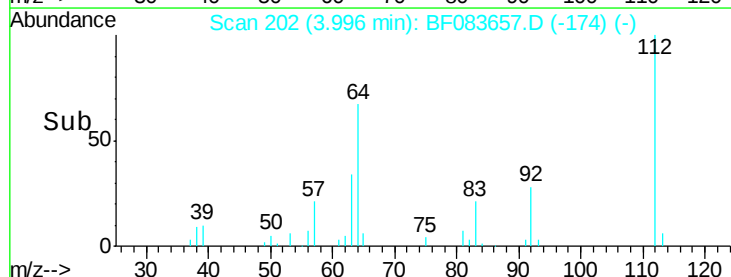
63 33.7 25.8 38.6

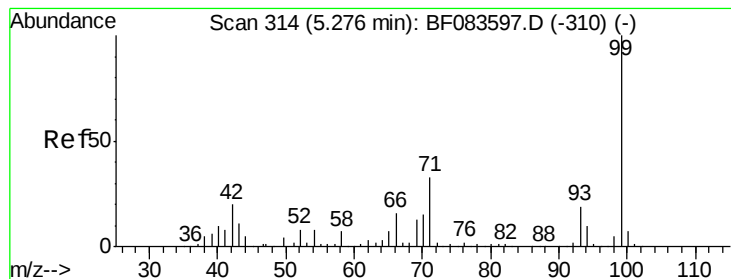


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.83 ng

RT: 5.29 min Scan# 315

Delta R.T. 0.01 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SB-P3WC-16(0-4)DL2

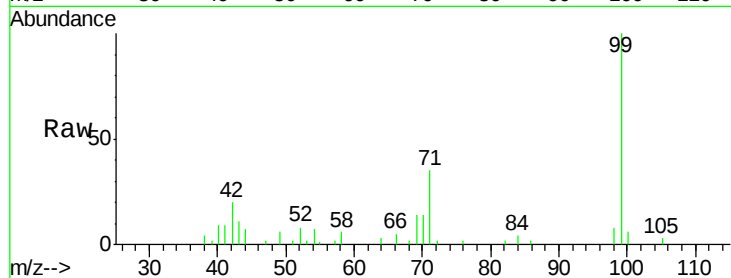
Tgt Ion: 99 Resp: 83969

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

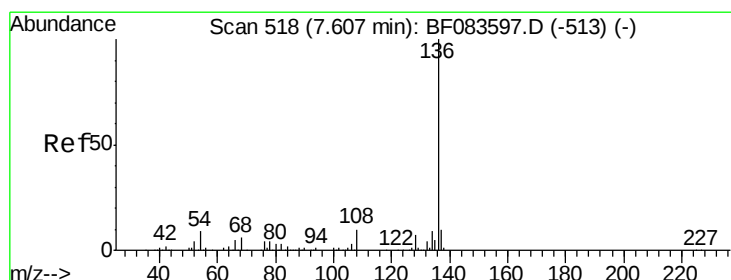
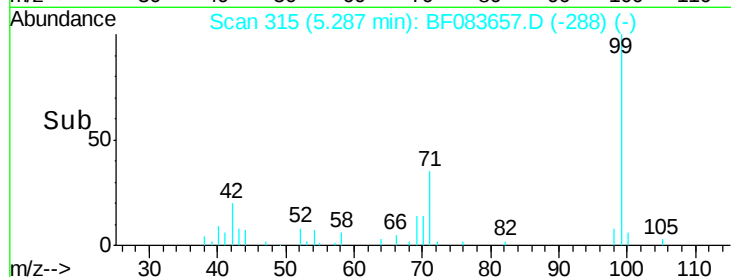
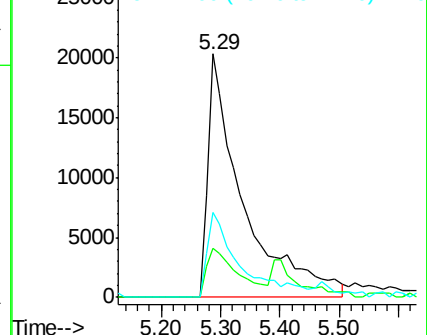
71 34.8 26.6 40.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.57 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

Tgt Ion: 136 Resp: 553011

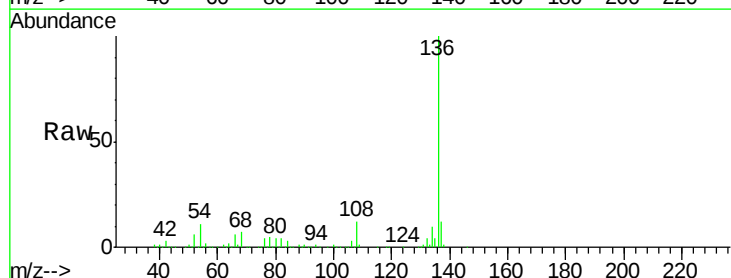
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 10.7 7.8 11.6

68 7.5 5.7 8.5

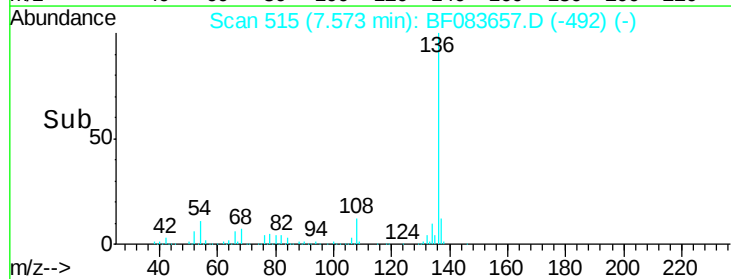
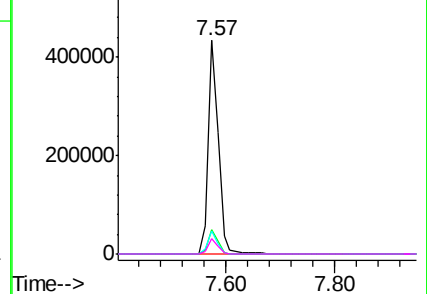


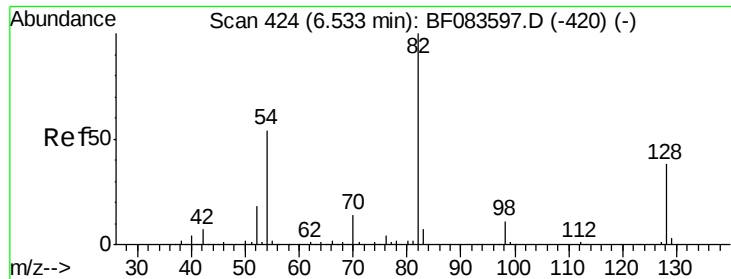
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.64 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SB-P3WC-16(0-4)DL2

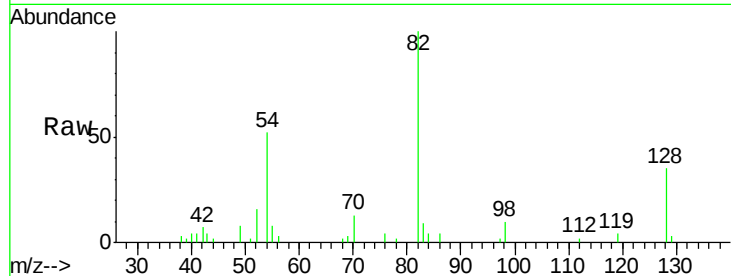
Tgt Ion: 82 Resp: 54941

Ion Ratio Lower Upper

82 100

128 34.9 30.7 46.1

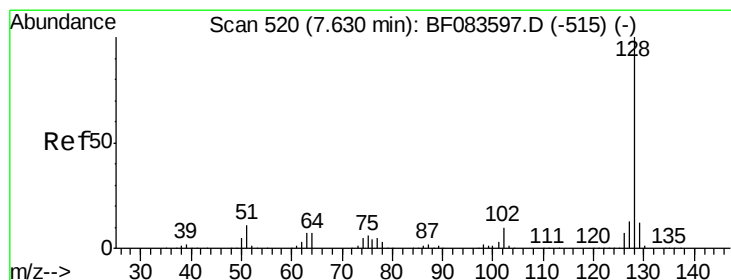
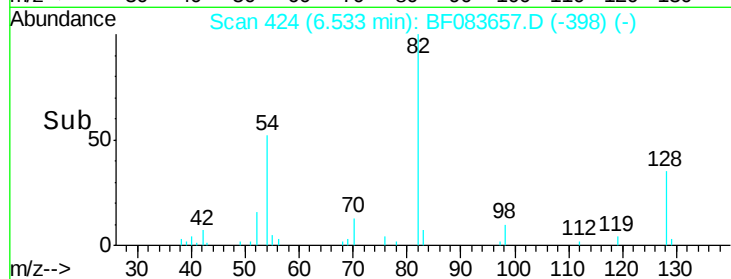
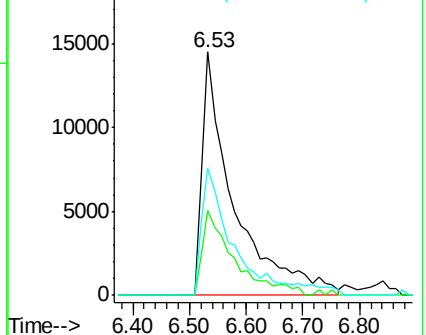
54 52.4 42.5 63.7



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



#31

Naphthalene

Concen: 12.08 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

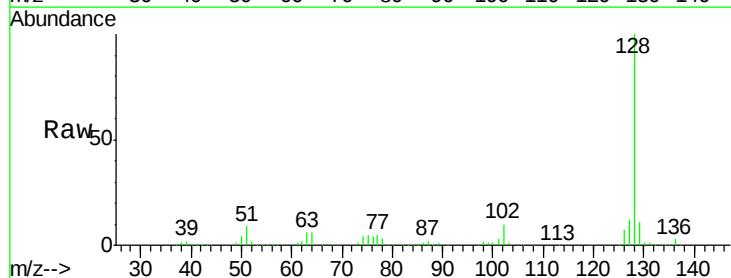
Tgt Ion: 128 Resp: 353741

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

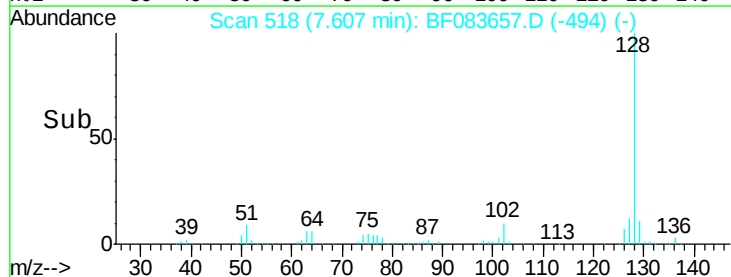
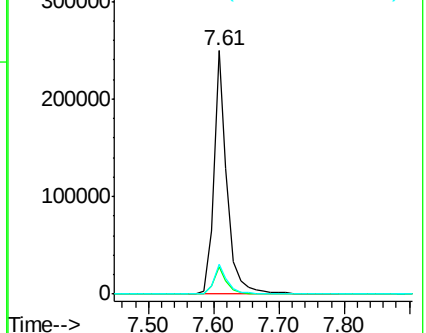
127 12.5 10.6 16.0

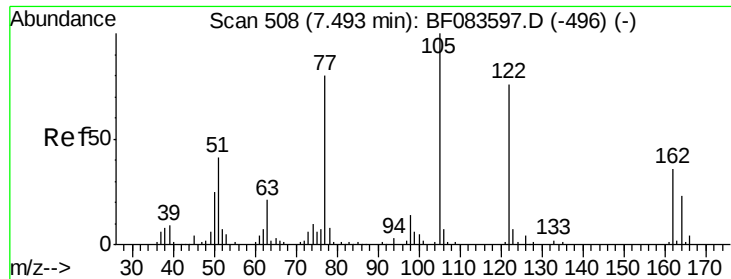


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 3.15 ng

RT: 7.61 min Scan# 518

Delta R.T. 0.12 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SB-P3WC-16(0-4)DL2

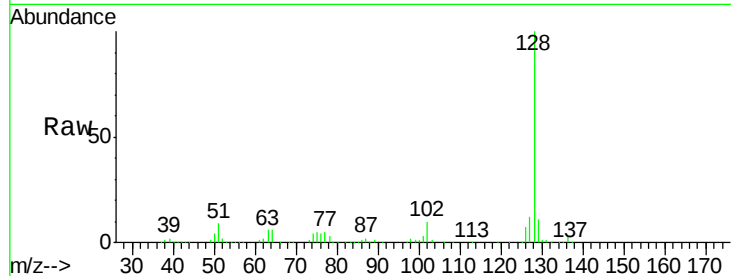
Tgt Ion:122 Resp: 673

Ion Ratio Lower Upper

122 100

105 0.0 105.6 145.6#

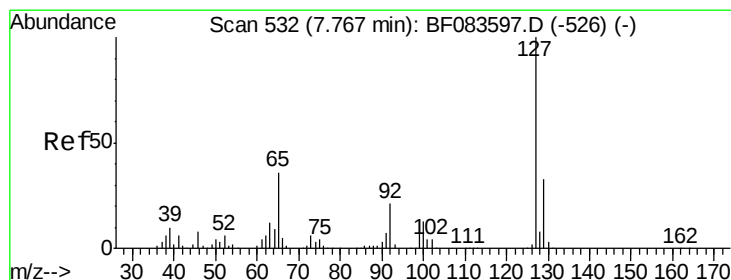
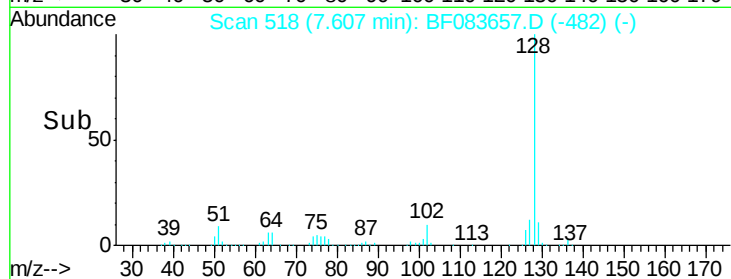
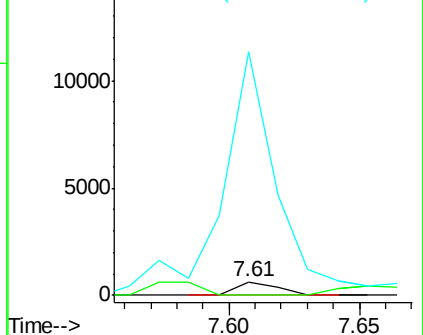
77 1821.2 86.8 126.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 4.22 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.16 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

Tgt Ion:127 Resp: 45045

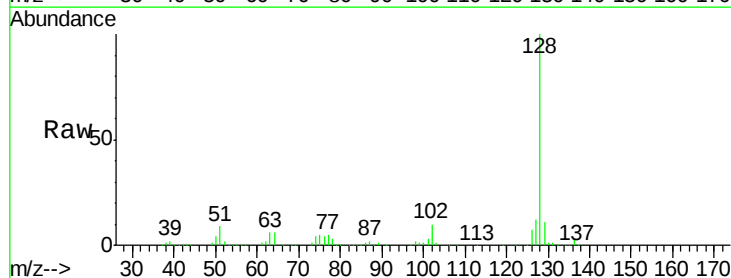
Ion Ratio Lower Upper

127 100

129 89.7 26.1 39.1#

65 0.0 33.5 50.3#

92 0.0 18.6 28.0#

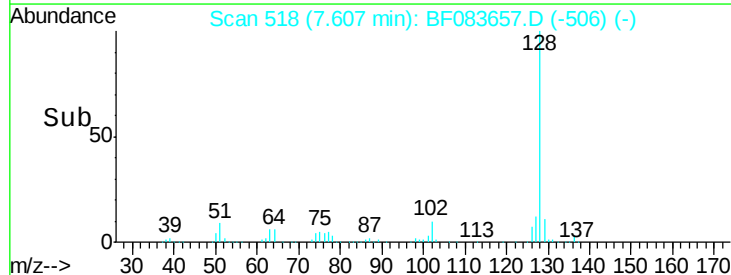
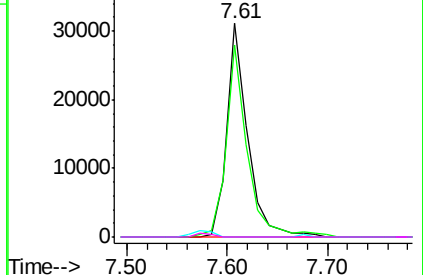


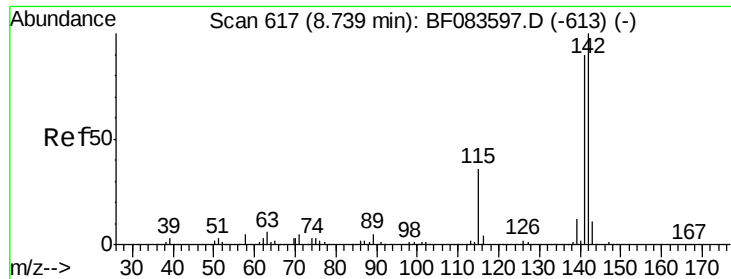
Abundance Ion 127.00 (126.70 to 127.70): E

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

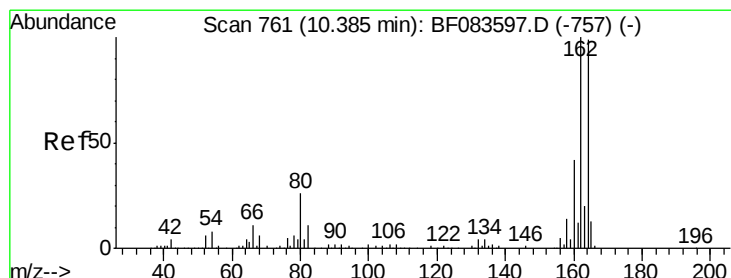
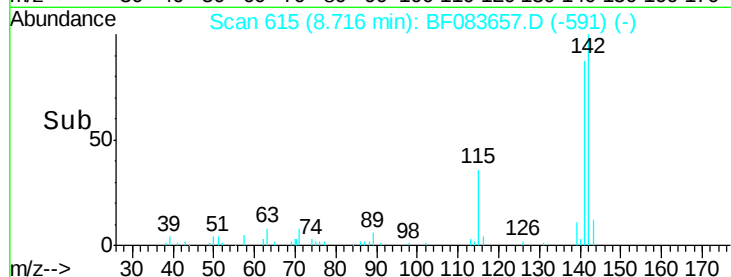
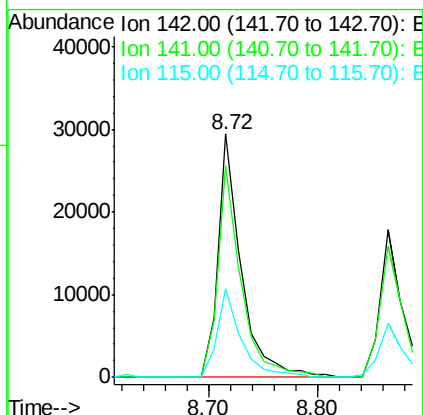
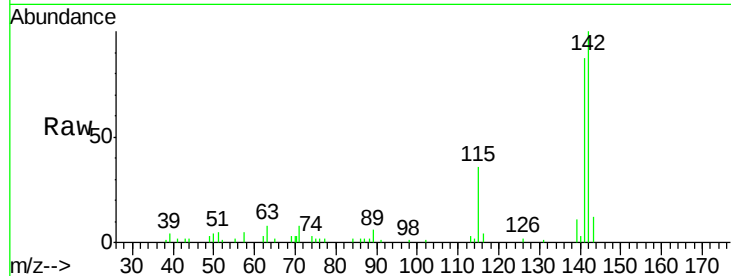




#37
2-Methylnaphthalene
Concen: 2.39 ng
RT: 8.72 min Scan# 615
Delta R.T. -0.02 min
Lab File: BF083657.D
Acq: 10 Dec 2015 00:00

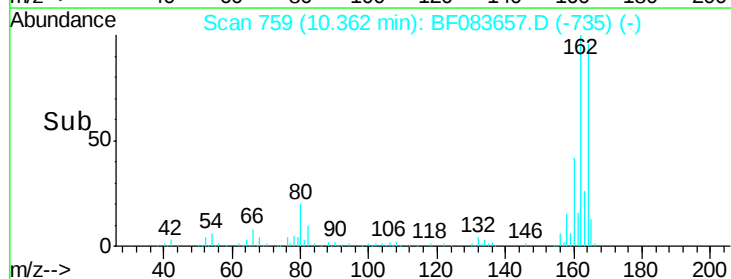
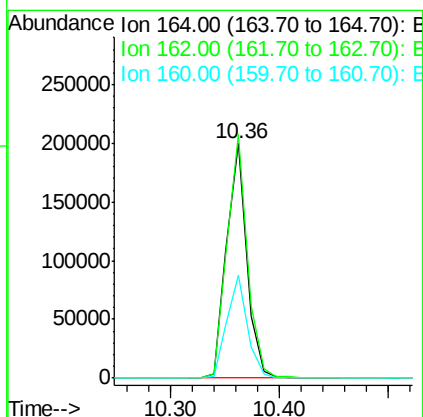
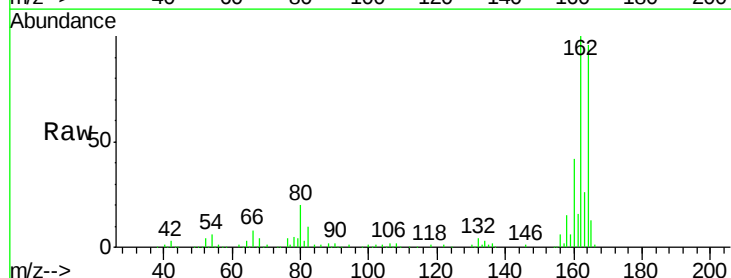
Instrument :
BNA_M
ClientSampleId :
SB-P3WC-16(0-4)DL2

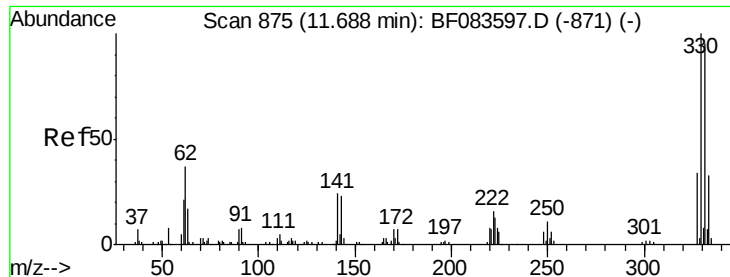
Tgt Ion:142 Resp: 43916
Ion Ratio Lower Upper
142 100
141 86.8 70.3 105.5
115 36.4 29.2 43.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF083657.D
Acq: 10 Dec 2015 00:00

Tgt Ion:164 Resp: 256550
Ion Ratio Lower Upper
164 100
162 103.9 78.8 118.2
160 43.9 33.4 50.2

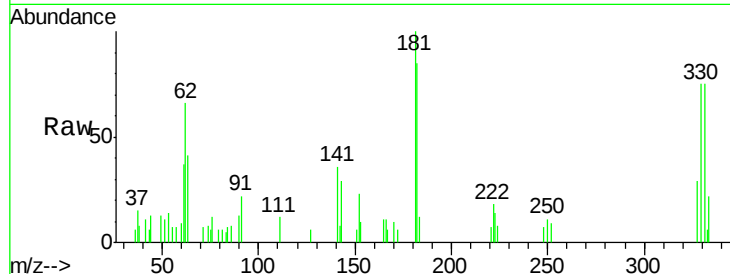




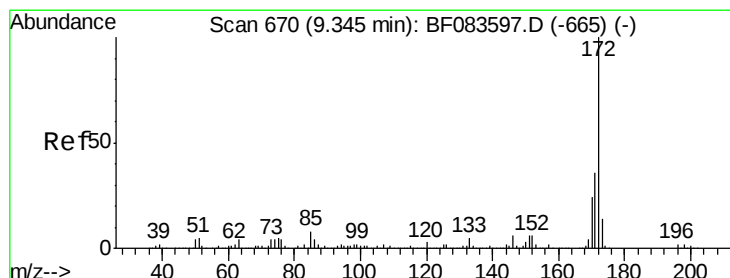
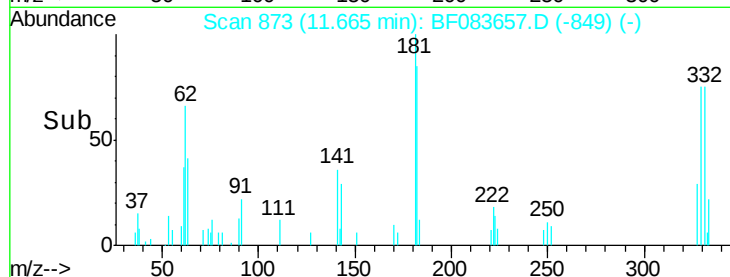
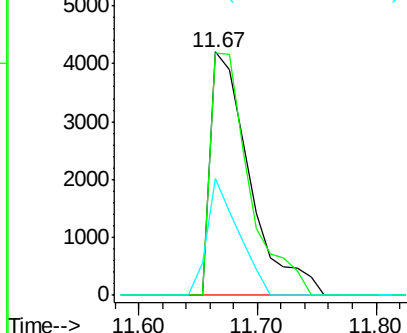
#41
 2,4,6-Tribromophenol
 Concen: 4.21 ng
 RT: 11.67 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF083657.D
 Acq: 10 Dec 2015 00:00

Instrument :
 BNA_M
 ClientSampleId :
 SB-P3WC-16(0-4)DL2

Tgt Ion: 330 Resp: 9632
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 38.6 0.0 0.0#

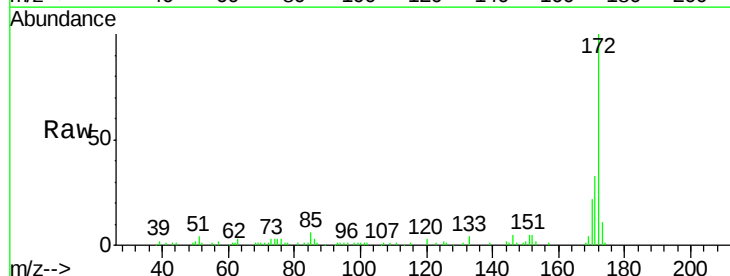


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

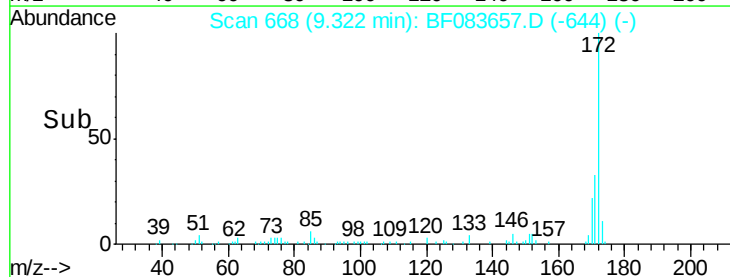
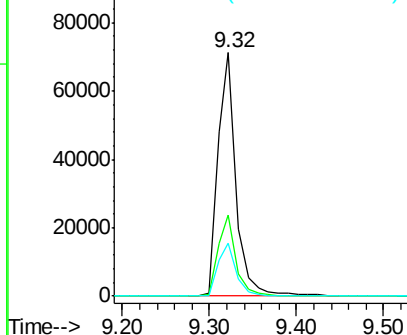


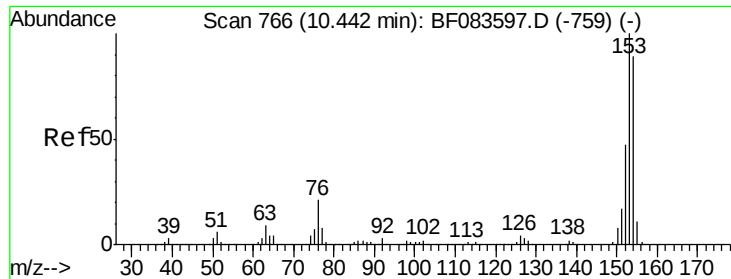
#44
 2-Fluorobiphenyl
 Concen: 5.73 ng
 RT: 9.32 min Scan# 668
 Delta R.T. -0.02 min
 Lab File: BF083657.D
 Acq: 10 Dec 2015 00:00

Tgt Ion: 172 Resp: 104395
 Ion Ratio Lower Upper
 172 100
 171 33.5 28.6 42.8
 170 21.5 19.4 29.0



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





#51

Acenaphthene

Concen: 7.36 ng

RT: 10.41 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SB-P3WC-16(0-4)DL2

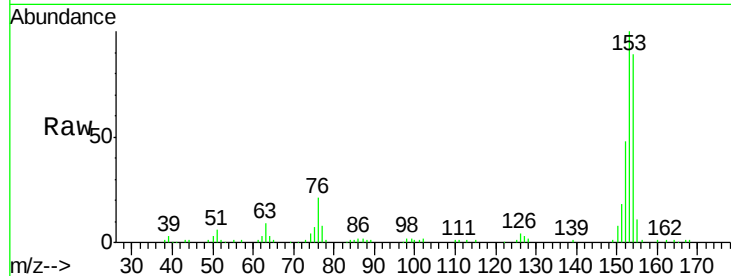
Tgt Ion:154 Resp: 116977

Ion Ratio Lower Upper

154 100

153 112.2 91.4 137.0

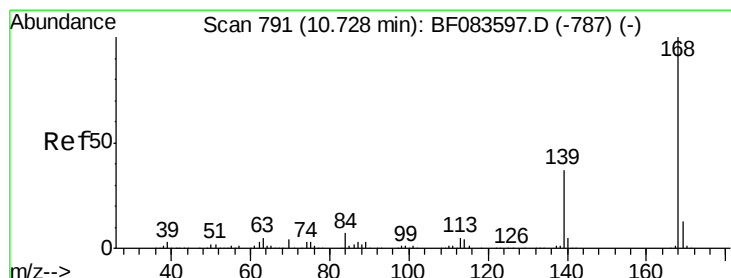
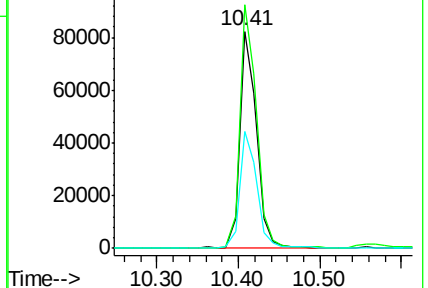
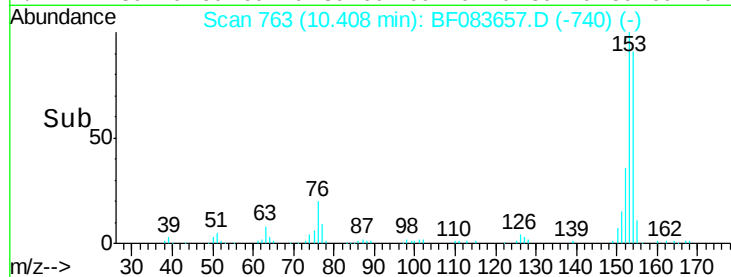
152 53.9 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 3.11 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

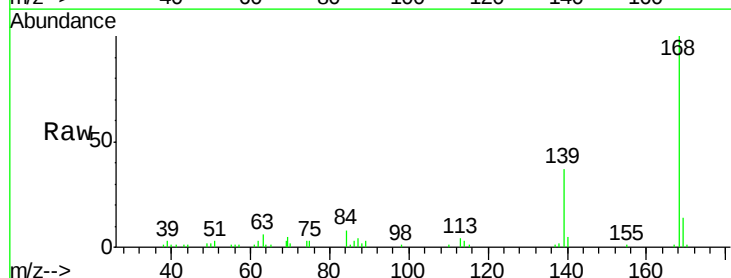
Tgt Ion:168 Resp: 68629

Ion Ratio Lower Upper

168 100

139 36.5 28.0 42.0

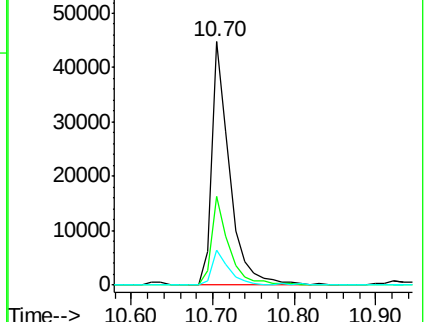
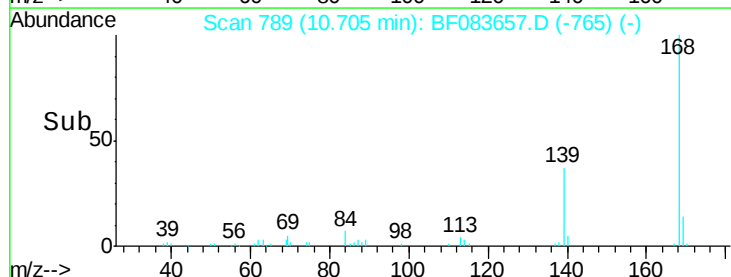
169 14.4 10.8 16.2

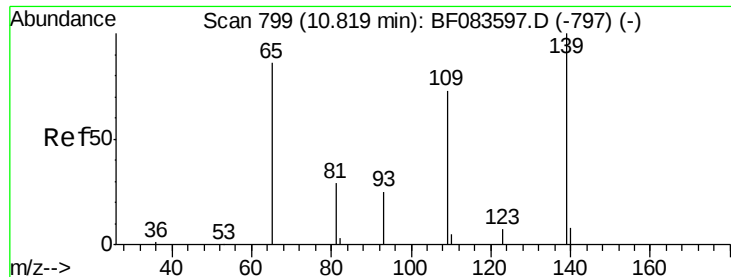


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 12.39 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.11 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SB-P3WC-16(0-4)DL2

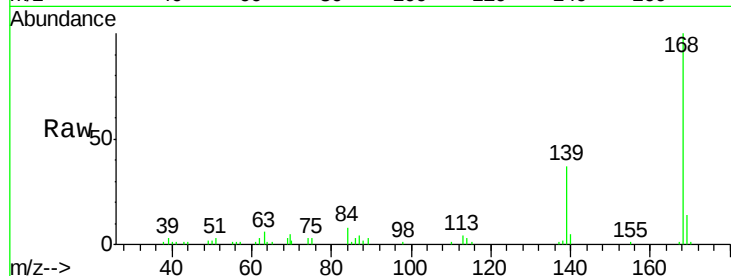
Tgt Ion:139 Resp: 24437

Ion Ratio Lower Upper

139 100

109 0.0 42.0 82.0#

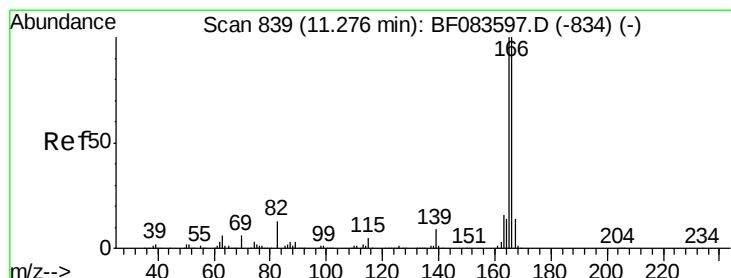
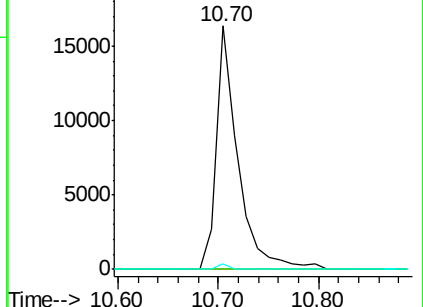
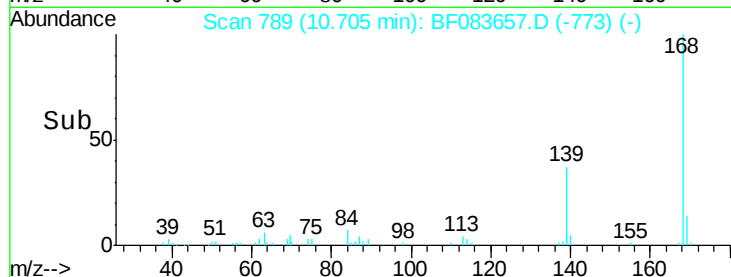
65 2.2 89.2 129.2#



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: 5.82 ng

RT: 11.25 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

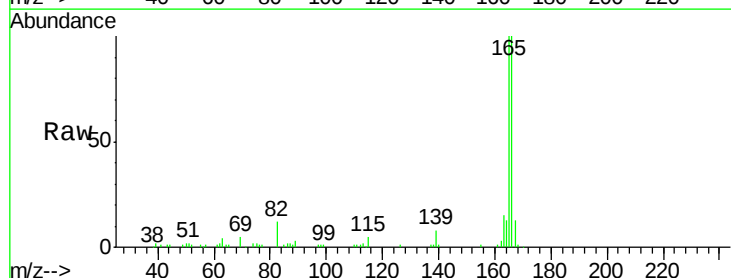
Tgt Ion:166 Resp: 111938

Ion Ratio Lower Upper

166 100

165 100.3 80.0 120.0

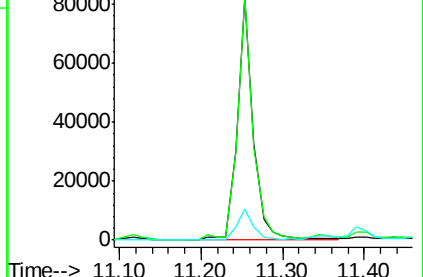
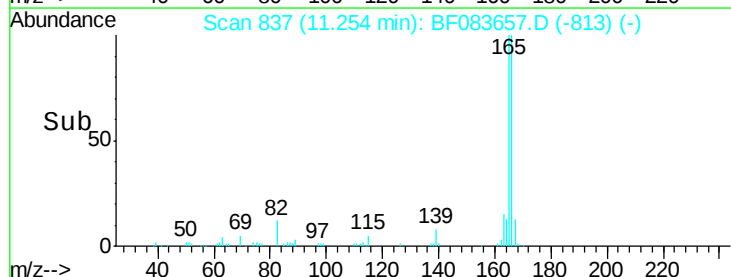
167 13.0 10.6 16.0

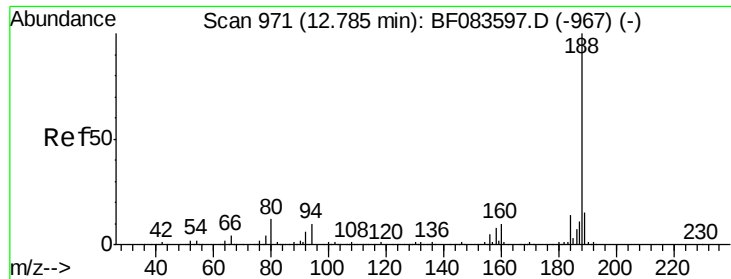


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

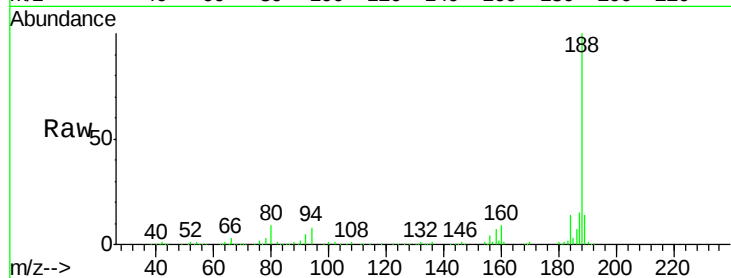




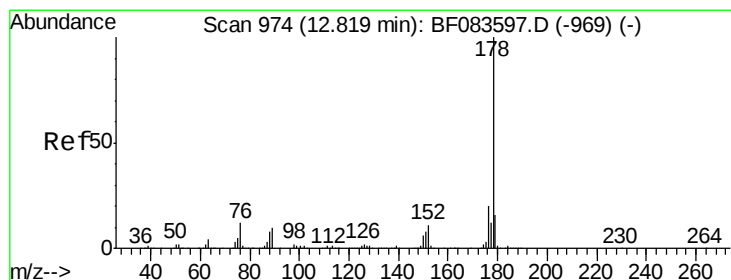
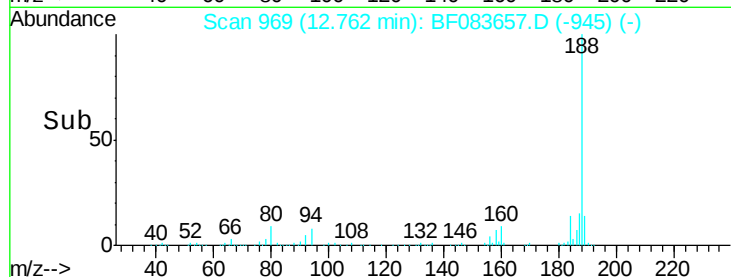
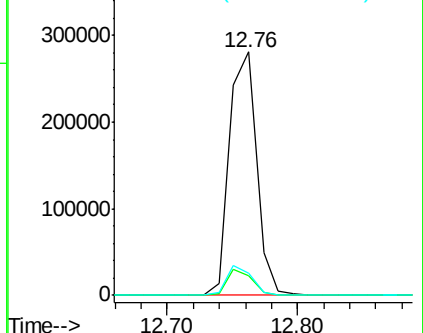
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083657.D
Acq: 10 Dec 2015 00:00

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-16(0-4)DL2

Tgt Ion:188 Resp: 408259
Ion Ratio Lower Upper
188 100
94 8.3 9.4 14.2#
80 9.2 10.6 16.0#

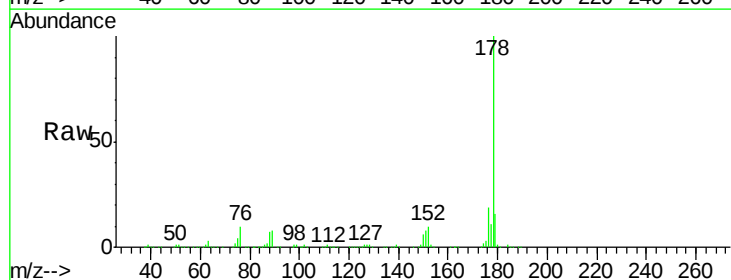


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

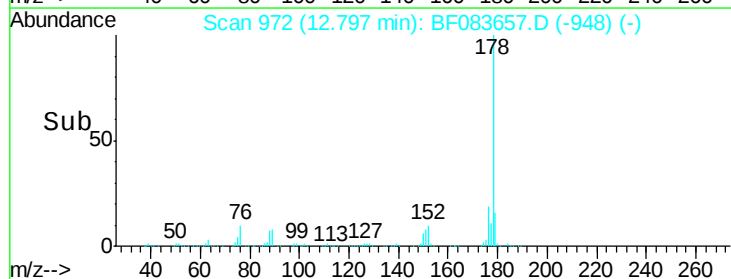
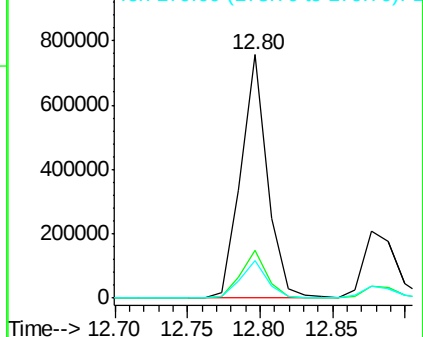


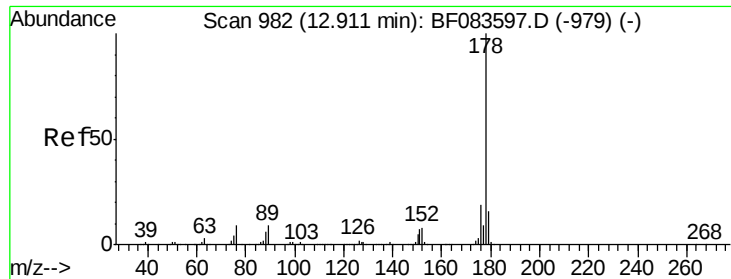
#70
Phenanthrene
Concen: 41.01 ng
RT: 12.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF083657.D
Acq: 10 Dec 2015 00:00

Tgt Ion:178 Resp: 961838
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.6 12.2 18.4



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

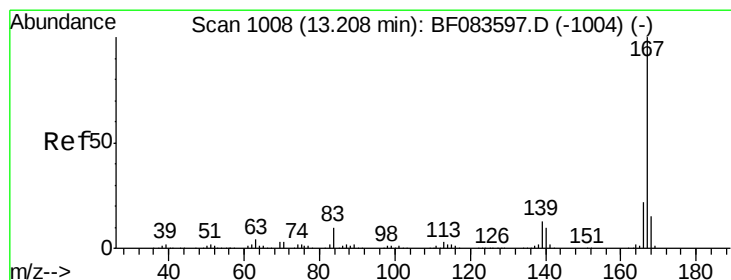
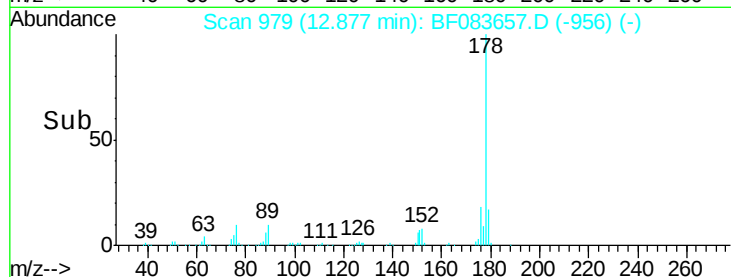
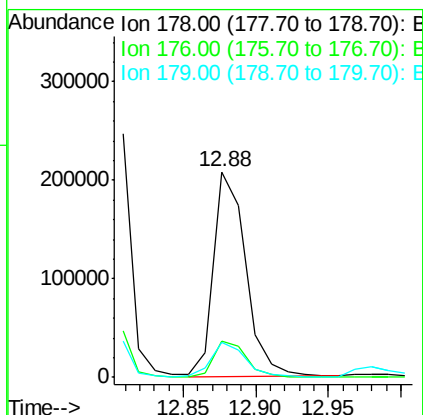
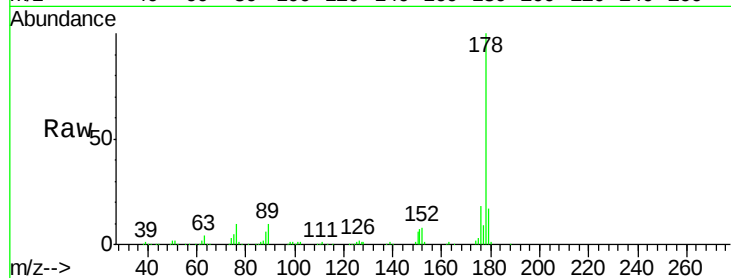




#71
 Anthracene
 Concen: 13.18 ng
 RT: 12.88 min Scan# 979
 Delta R.T. -0.03 min
 Lab File: BF083657.D
 Acq: 10 Dec 2015 00:00

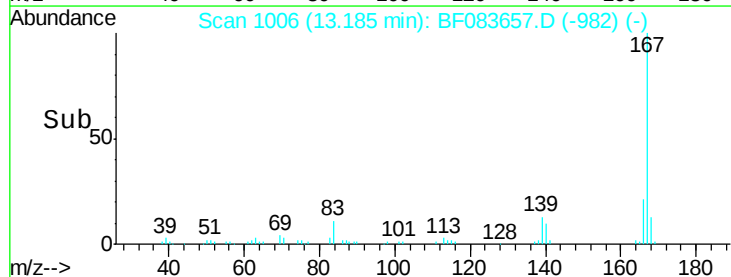
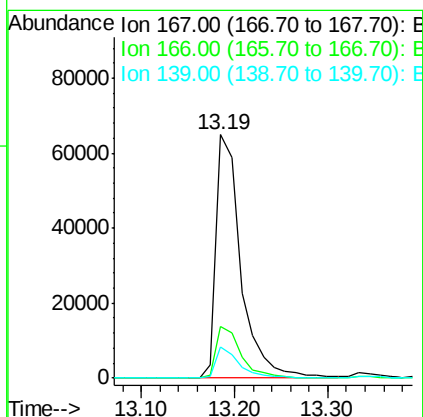
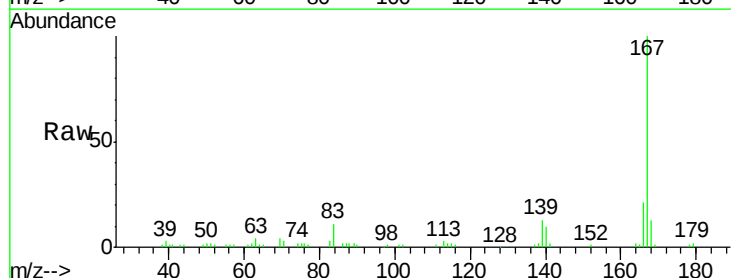
Instrument :
 BNA_M
 ClientSampleId :
 SB-P3WC-16(0-4)DL2

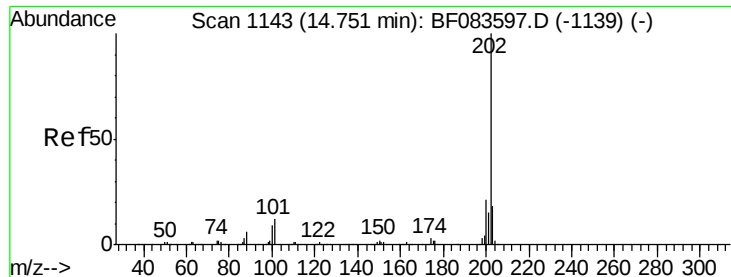
Tgt Ion:178 Resp: 320299
 Ion Ratio Lower Upper
 178 100
 176 17.6 15.2 22.8
 179 17.0 12.6 18.8



#72
 Carbazole
 Concen: 5.79 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.02 min
 Lab File: BF083657.D
 Acq: 10 Dec 2015 00:00

Tgt Ion:167 Resp: 120706
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.8 9.3 13.9





#74

Fluoranthene

Concen: 46.78 ng

RT: 14.73 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SB-P3WC-16(0-4)DL2

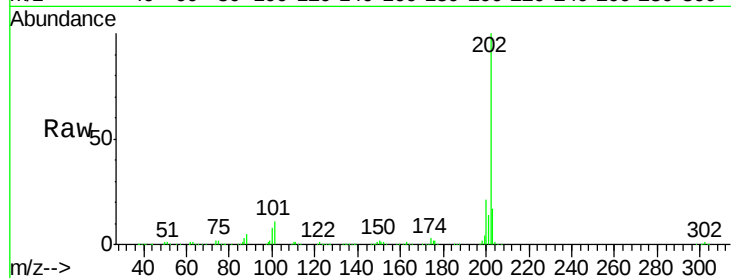
Tgt Ion:202 Resp: 1122602

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.5

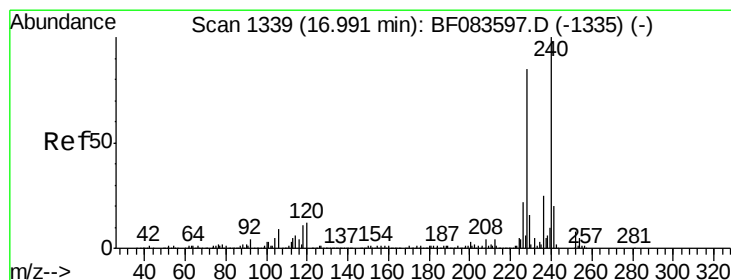
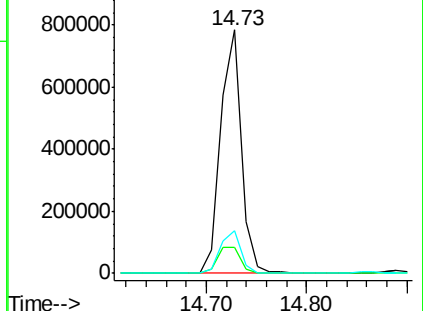
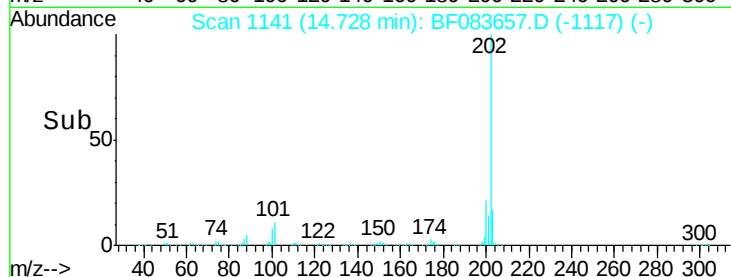
203 17.3 0.0 37.6



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: 16.97 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

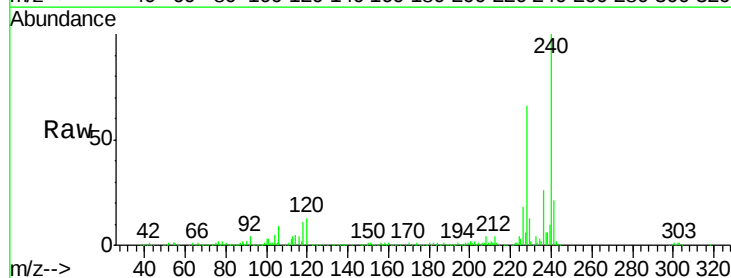
Tgt Ion:240 Resp: 312756

Ion Ratio Lower Upper

240 100

120 12.6 8.1 12.1#

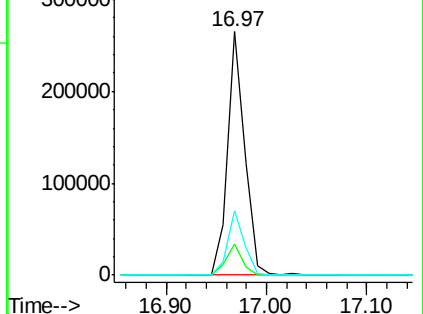
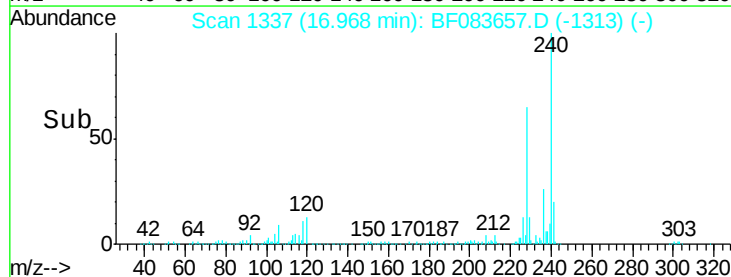
236 26.4 20.8 31.2

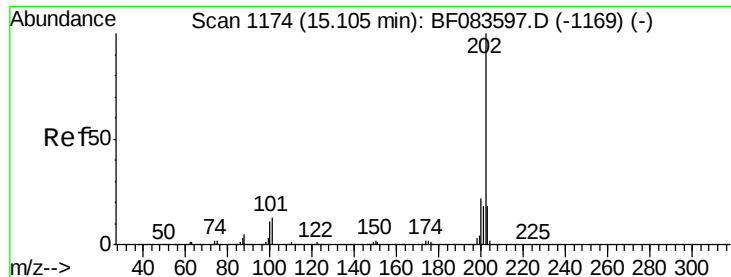


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 43.20 ng

RT: 15.08 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SB-P3WC-16(0-4)DL2

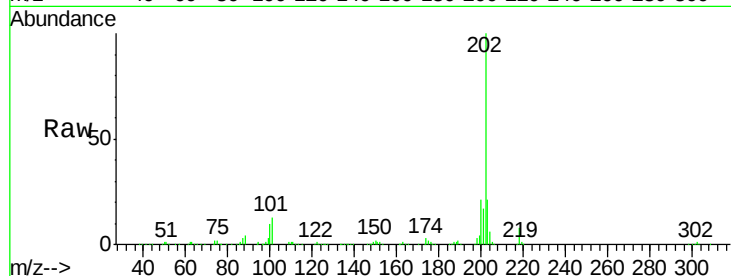
Tgt Ion:202 Resp: 972621

Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

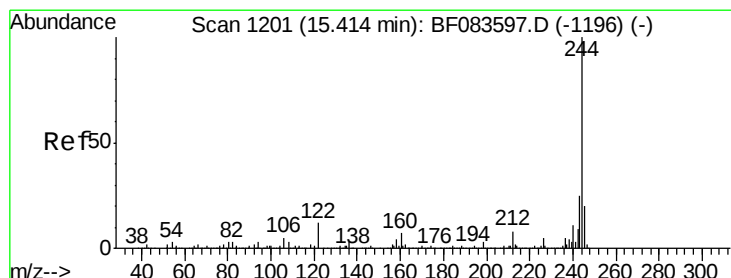
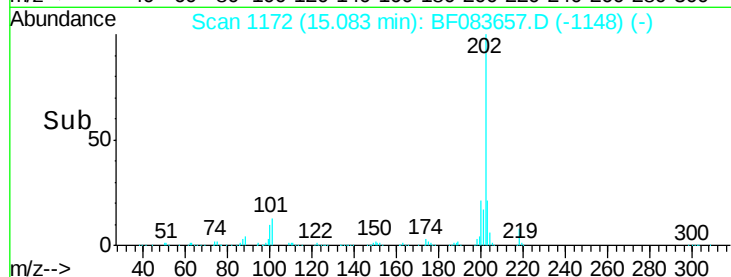
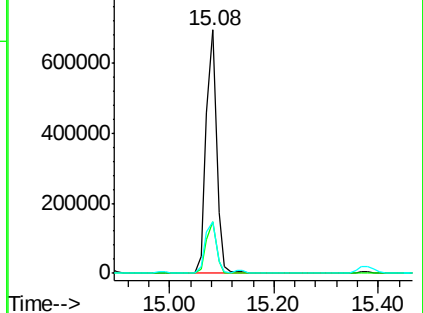
203 21.4 14.3 21.5



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: 5.28 ng

RT: 15.38 min Scan# 1198

Delta R.T. -0.03 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

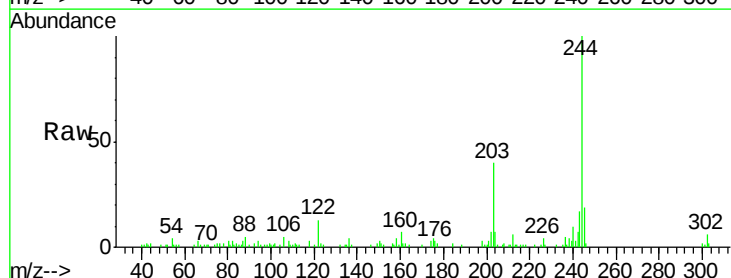
Tgt Ion:244 Resp: 70140

Ion Ratio Lower Upper

244 100

212 6.3 6.1 9.1

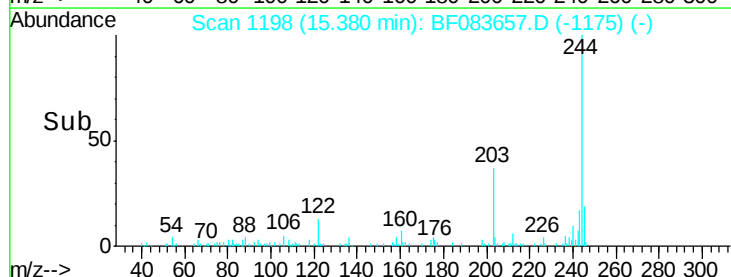
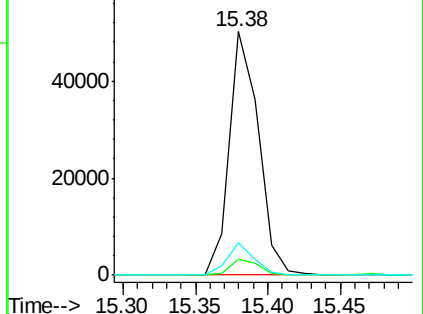
122 13.2 11.0 16.6

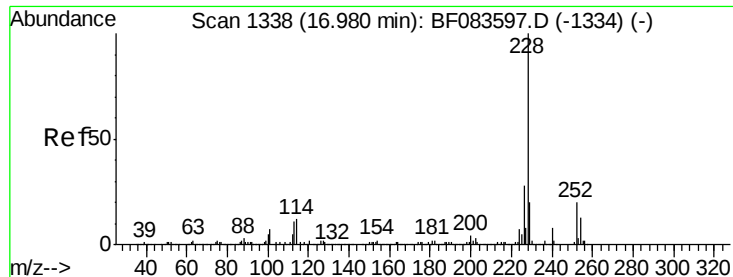


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

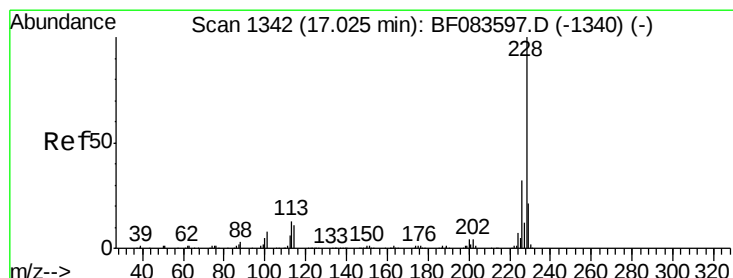
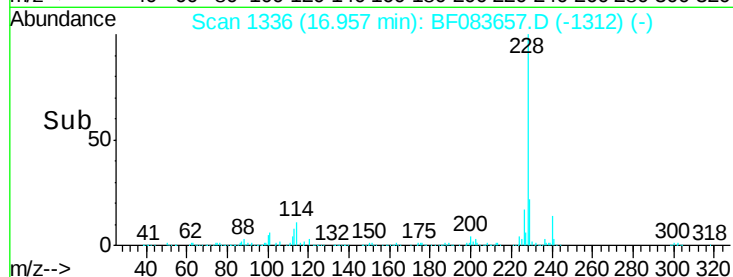
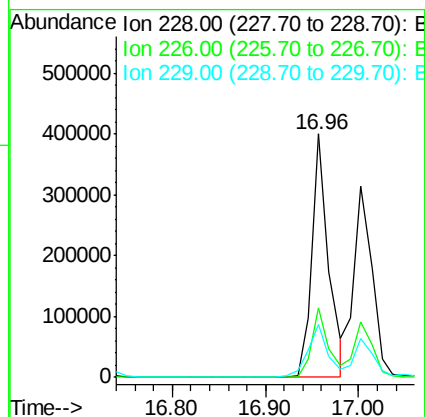
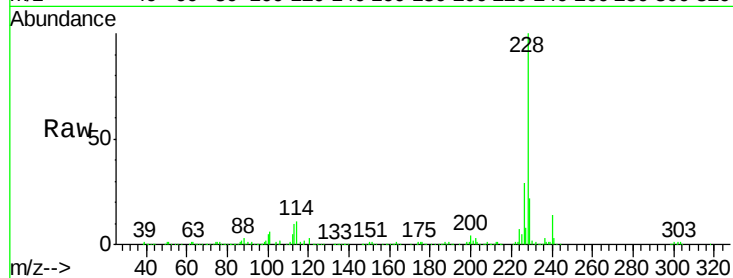




#80
Benzo(a)anthracene
Concen: 27.78 ng
RT: 16.96 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF083657.D
Acq: 10 Dec 2015 00:00

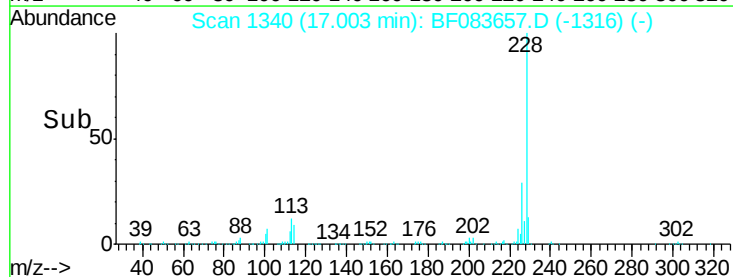
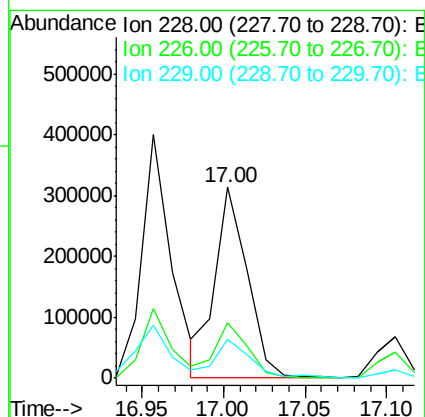
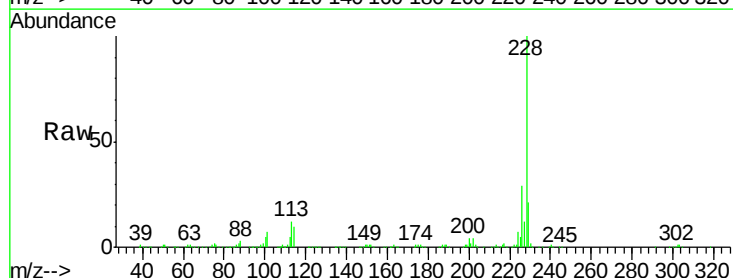
Instrument :
BNA_M
ClientSampleId :
SB-P3WC-16(0-4)DL2

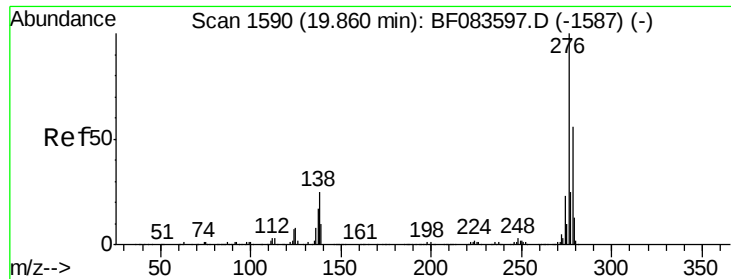
Tgt Ion:228 Resp: 508487
Ion Ratio Lower Upper
228 100
226 28.8 22.3 33.5
229 21.6 15.7 23.5



#82
Chrysene
Concen: 23.31 ng
RT: 17.00 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF083657.D
Acq: 10 Dec 2015 00:00

Tgt Ion:228 Resp: 427742
Ion Ratio Lower Upper
228 100
226 28.9 24.7 37.1
229 20.6 16.3 24.5





#85

Indeno(1,2,3-cd)pyrene

Concen: 17.89 ng

RT: 19.85 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SB-P3WC-16(0-4)DL2

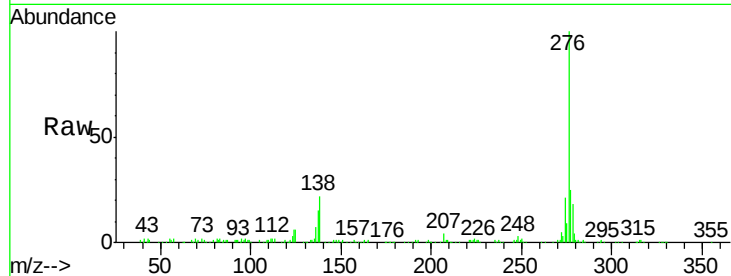
Tgt Ion: 276 Resp: 221621

Ion Ratio Lower Upper

276 100

138 23.0 0.0 0.0#

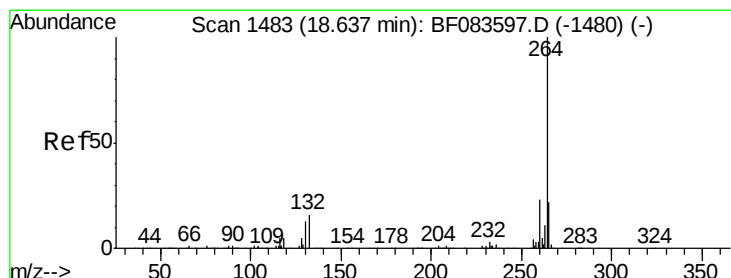
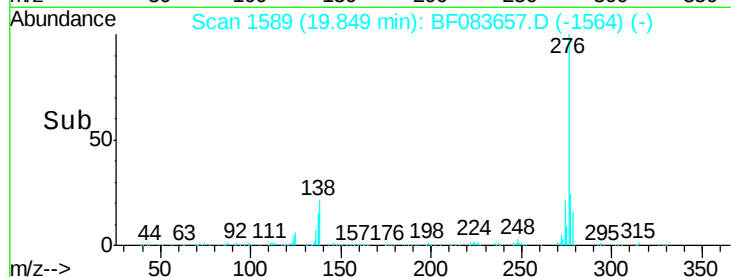
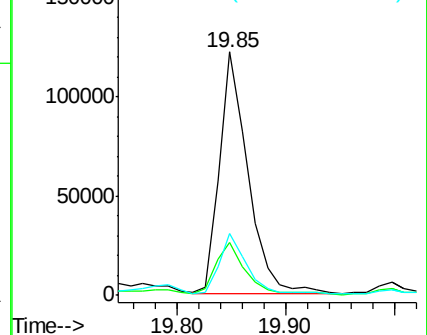
277 24.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.61 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

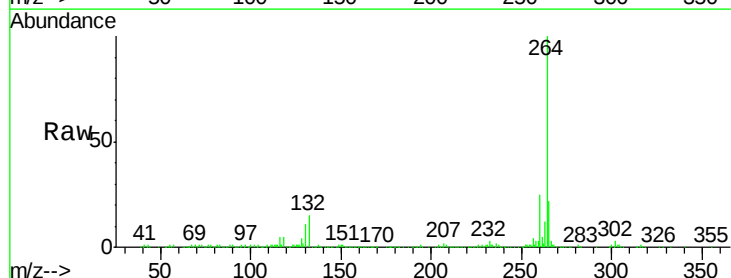
Tgt Ion: 264 Resp: 276778

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

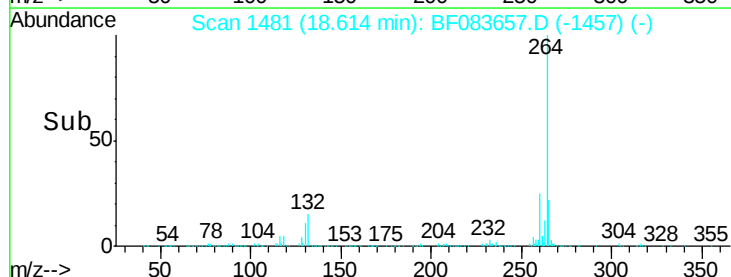
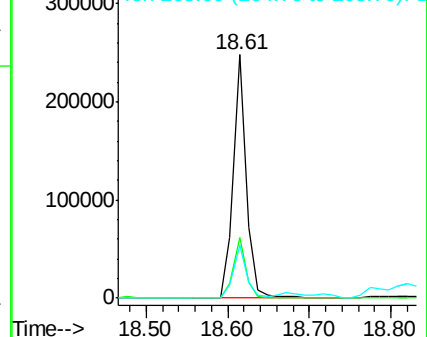
265 21.7 17.8 26.6

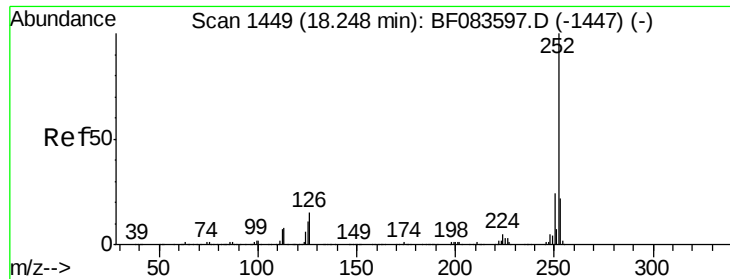


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

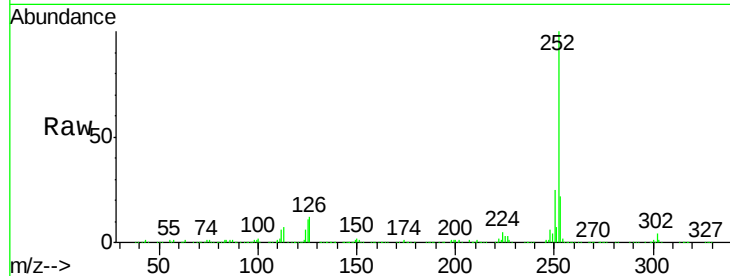




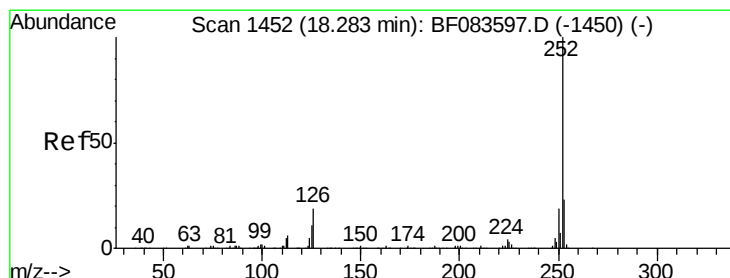
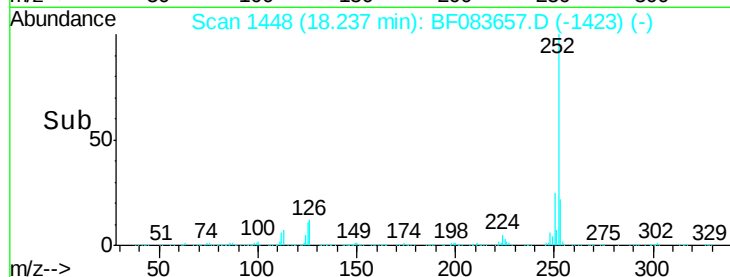
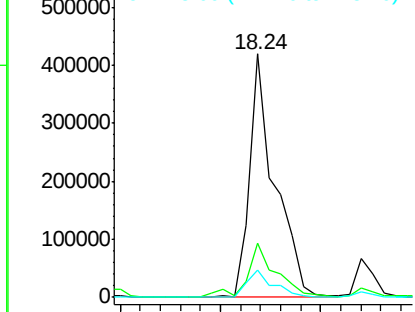
#87
Benzo(b)fluoranthene
Concen: 46.20 ng
RT: 18.24 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF083657.D
Acq: 10 Dec 2015 00:00

Instrument :
BNA_M
ClientSampleId :
SB-P3WC-16(0-4)DL2

Tgt Ion:252 Resp: 728241
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 11.0 8.2 12.4

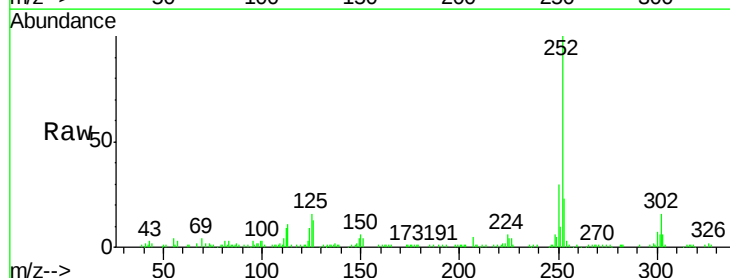


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

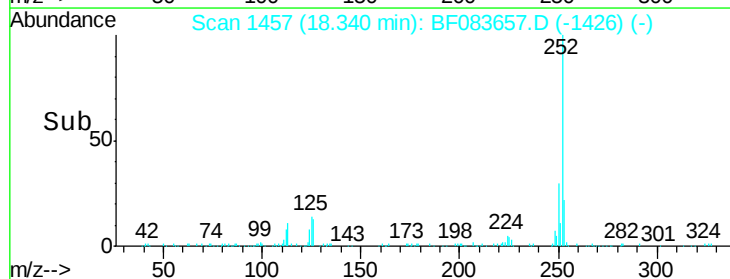
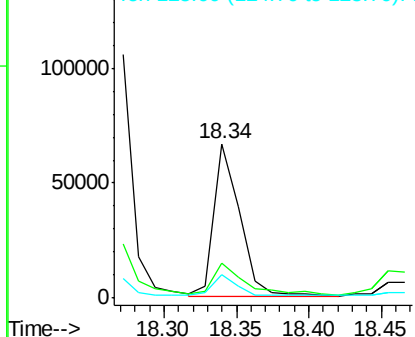


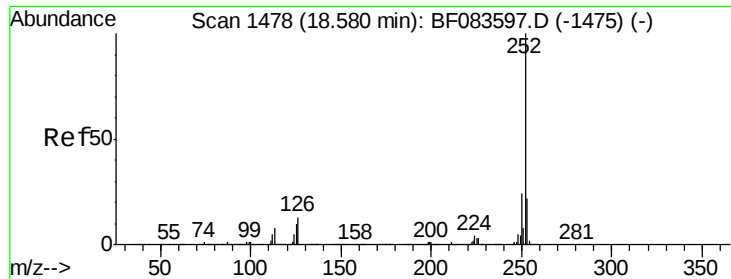
#88
Benzo(k)fluoranthene
Concen: 4.74 ng
RT: 18.34 min Scan# 1457
Delta R.T. 0.06 min
Lab File: BF083657.D
Acq: 10 Dec 2015 00:00

Tgt Ion:252 Resp: 82288
Ion Ratio Lower Upper
252 100
253 22.8 18.6 27.8
125 15.6 11.5 17.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 27.01 ng

RT: 18.56 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

Instrument :

BNA_M

ClientSampleId :

SB-P3WC-16(0-4)DL2

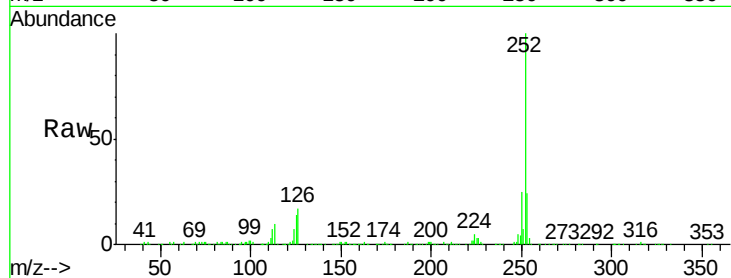
Tgt Ion:252 Resp: 415424

Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

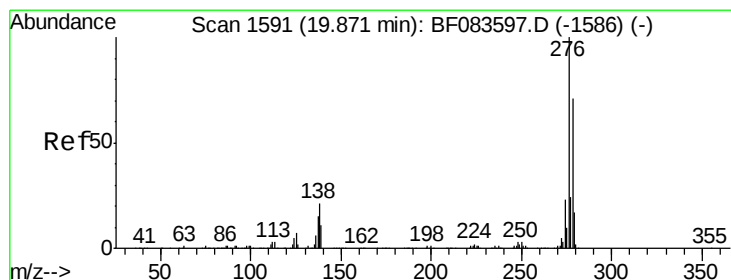
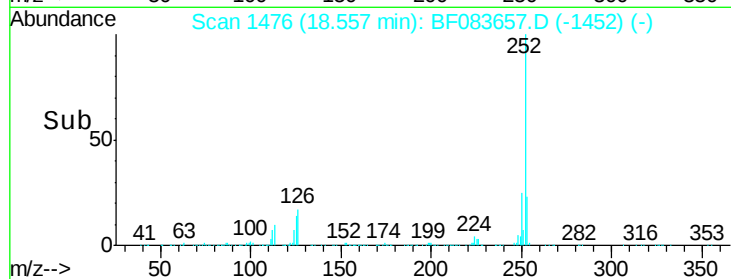
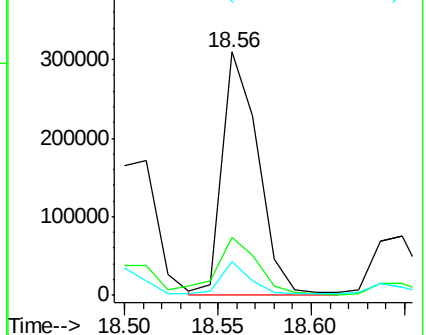
125 13.6 11.0 16.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.05 ng

RT: 20.00 min Scan# 1602

Delta R.T. 0.13 min

Lab File: BF083657.D

Acq: 10 Dec 2015 00:00

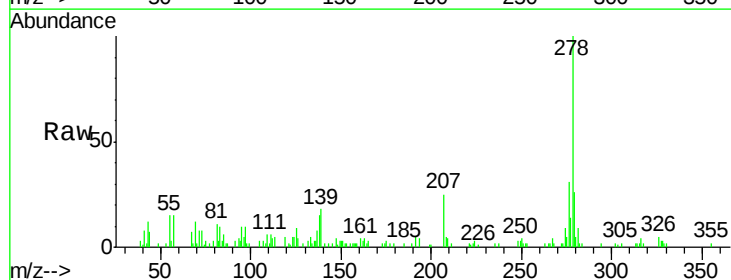
Tgt Ion:278 Resp: 35896

Ion Ratio Lower Upper

278 100

139 18.0 12.8 19.2

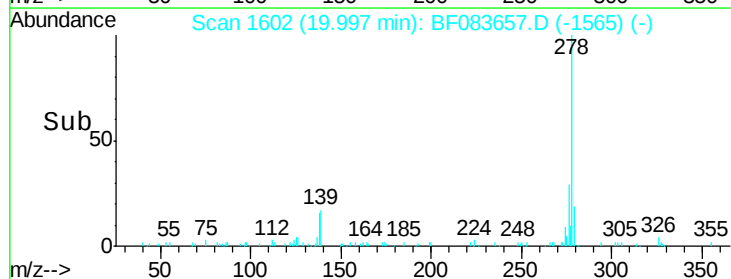
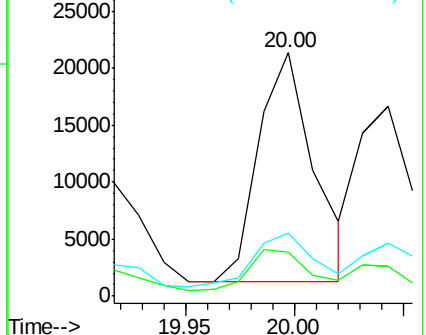
279 25.9 18.6 28.0

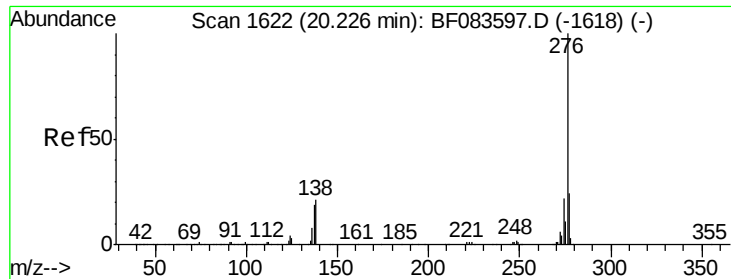


Abundance Ion 278.00 (277.70 to 278.70): E

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: 17.98 ng
 RT: 20.20 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BF083657.D
 Acq: 10 Dec 2015 00:00

Instrument :
 BNA_M
 ClientSampleId :
 SB-P3WC-16(0-4)DL2

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.2	28.8
138	21.2	19.5	29.3

