

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
 Data File : BF084152.D
 Acq On : 26 Dec 2015 2:21
 Operator : UM/SJ
 Sample : G4961-01
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(1.5-2.0)

Quant Time: Dec 26 06:16:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

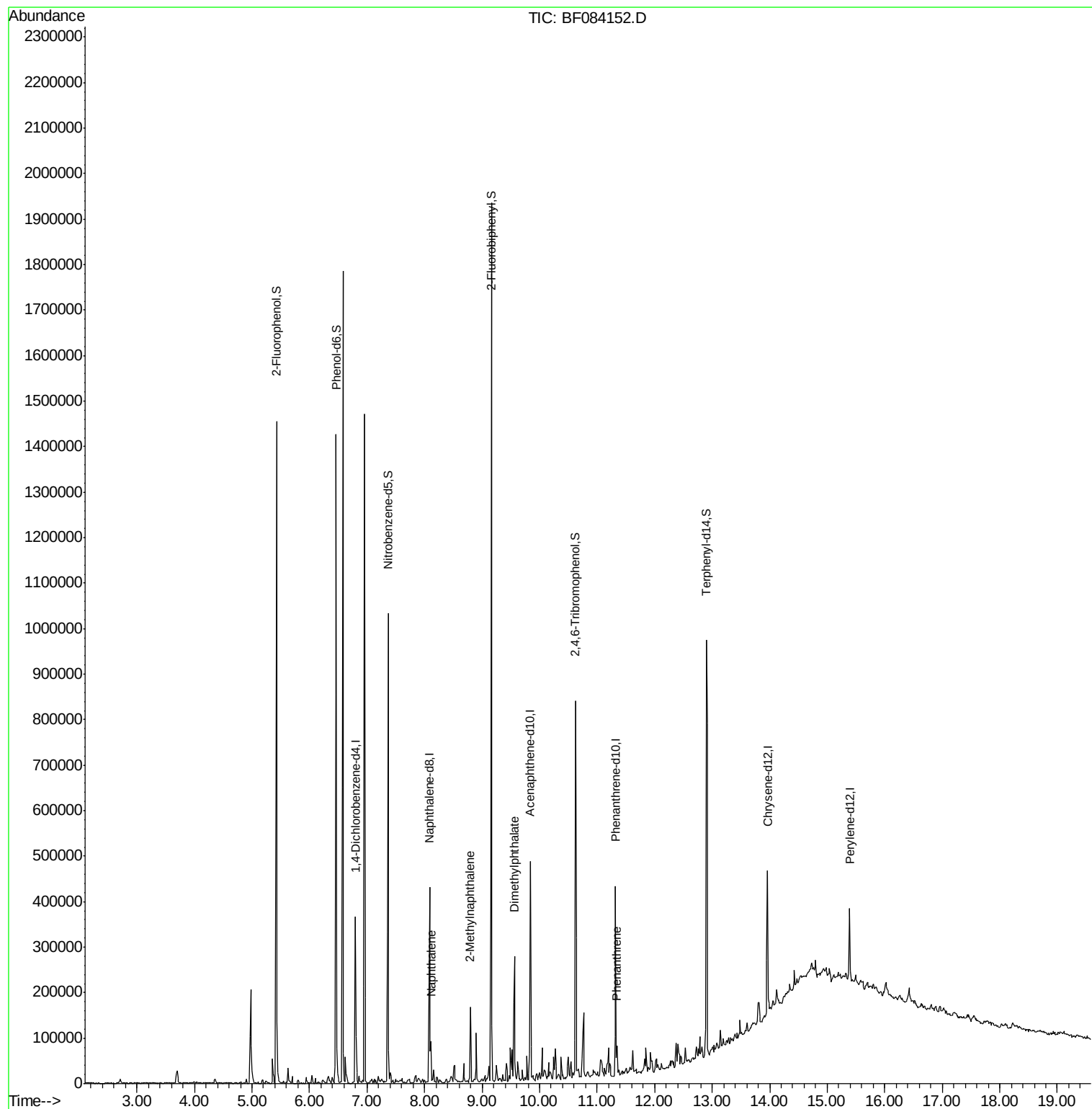
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	55461	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	207579	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	87049	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	140893	20.00	ng	0.00
75) Chrysene-d12	13.96	240	111893	20.00	ng	0.00
86) Perylene-d12	15.39	264	77672	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	465462	142.29	ng	0.01
7) Phenol-d6	6.46	99	597531	147.62	ng	0.01
23) Nitrobenzene-d5	7.37	82	342484	96.58	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	100923	108.72	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	549905	86.44	ng	0.00
78) Terphenyl-d14	12.90	244	383303	61.99	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.11	128	50992	4.62	ng	100
37) 2-Methylnaphthalene	8.80	142	43070	6.23	ng	97
49) Dimethylphthalate	9.56	163	133040	18.45	ng	# 91
70) Phenanthrene	11.34	178	23980	2.87	ng	100

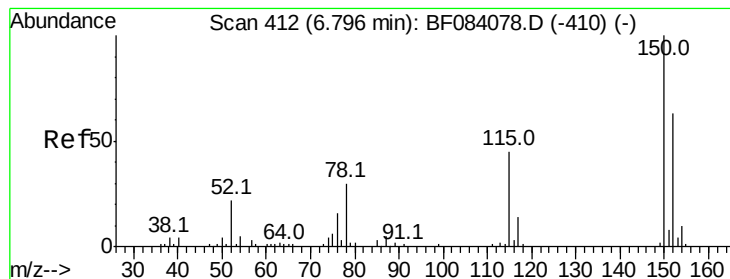
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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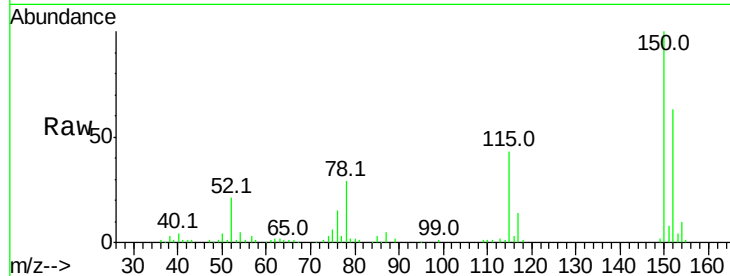


#1

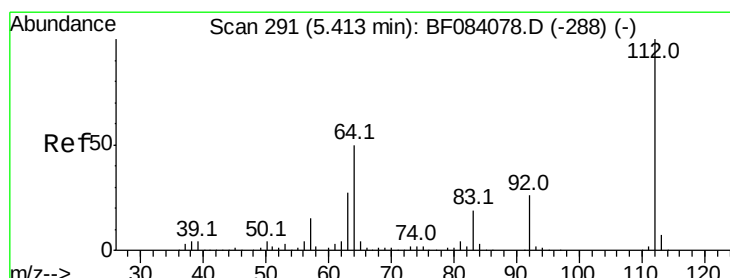
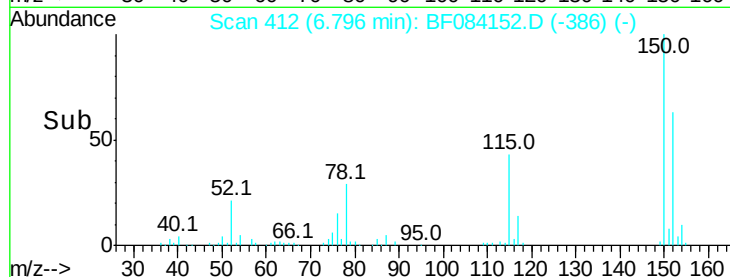
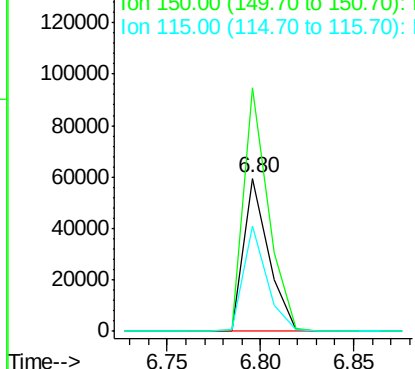
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084152.D
Acq: 26 Dec 2015 2:21

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(1.5-2.0)

Tot Ion:152 Resp: 55461
Ion Ratio Lower Upper
152 100
150 159.1 123.0 184.4
115 68.5 51.4 77.2



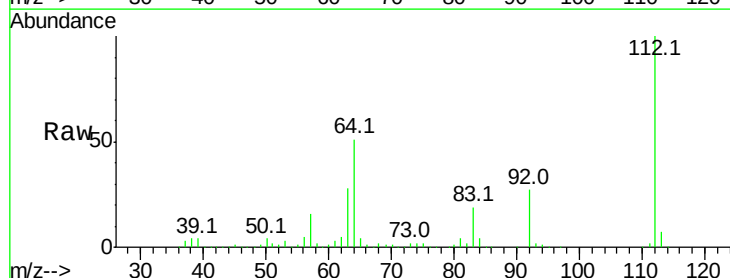
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



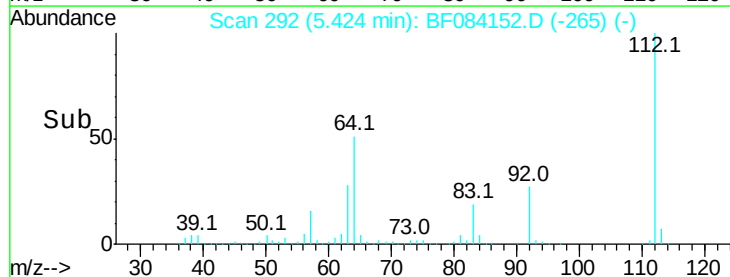
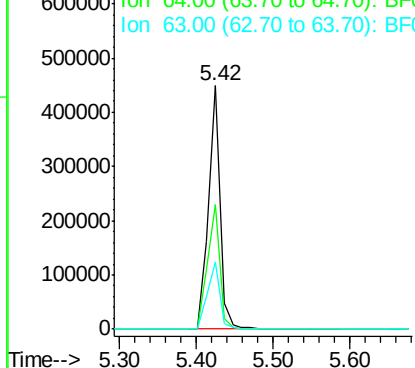
#5

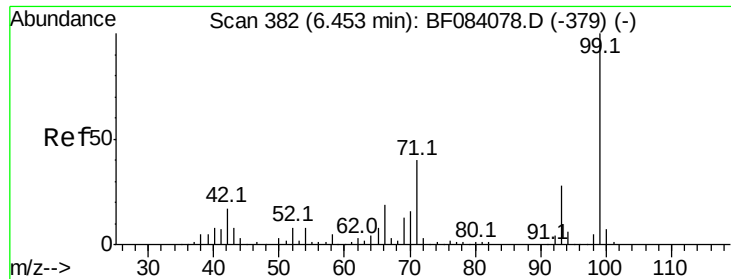
2-Fluorophenol
Concen: 142.29 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF084152.D
Acq: 26 Dec 2015 2:21

Tgt Ion:112 Resp: 465462
Ion Ratio Lower Upper
112 100
64 51.0 36.6 55.0
63 27.6 19.4 29.0



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: 147.62 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF084152.D

Acq: 26 Dec 2015 2:21

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(1.5-2.0)

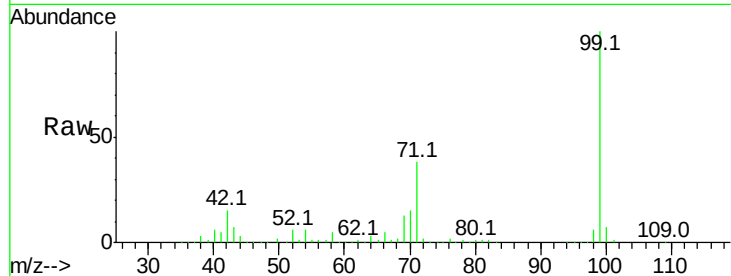
Tot Ion: 99 Resp: 597531

Ion Ratio Lower Upper

99 100

42 14.7 12.8 19.2

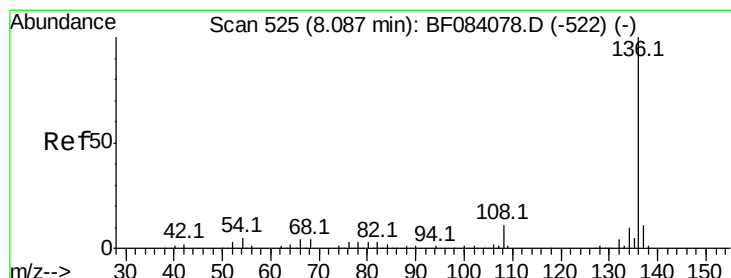
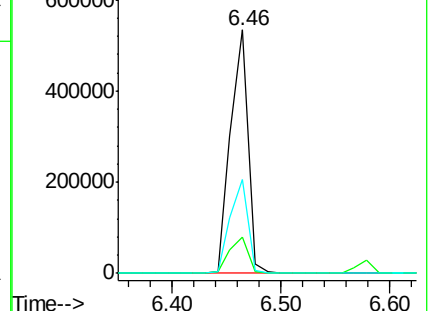
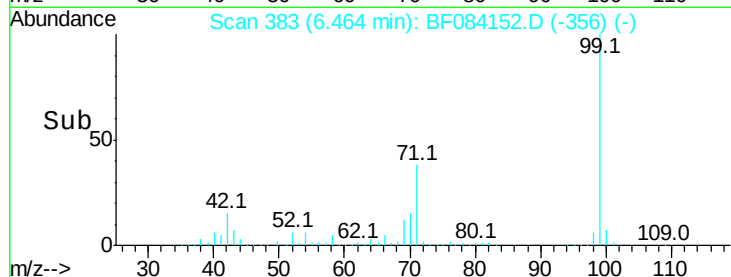
71 38.4 30.9 46.3



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: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084152.D

Acq: 26 Dec 2015 2:21

Tgt Ion: 136 Resp: 207579

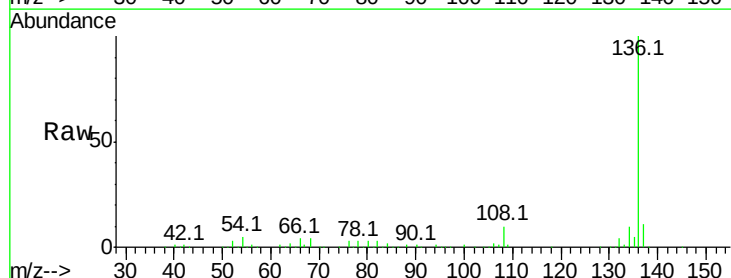
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 5.0 5.8 8.8#

68 3.9 4.2 6.2#

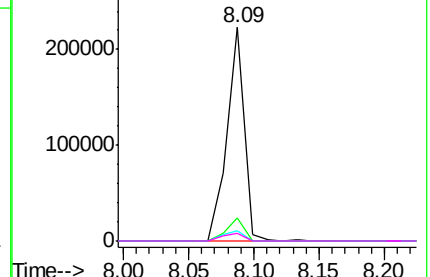
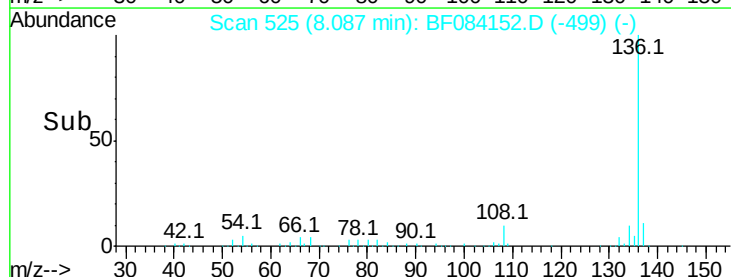


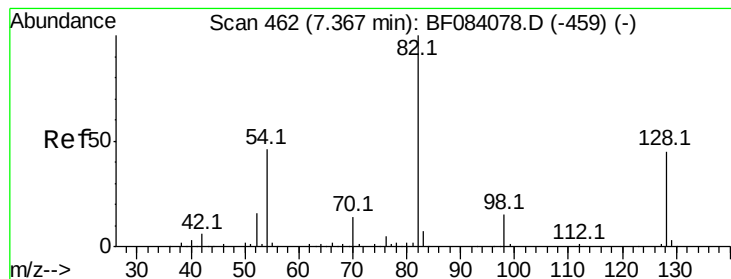
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.58 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF084152.D

Acq: 26 Dec 2015 2:21

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(1.5-2.0)

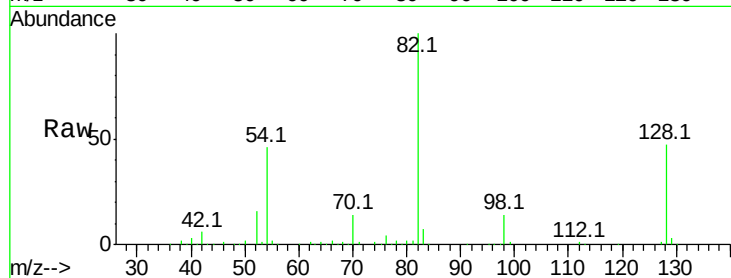
Tot Ion: 82 Resp: 342484

Ion Ratio Lower Upper

82 100

128 46.7 34.6 51.8

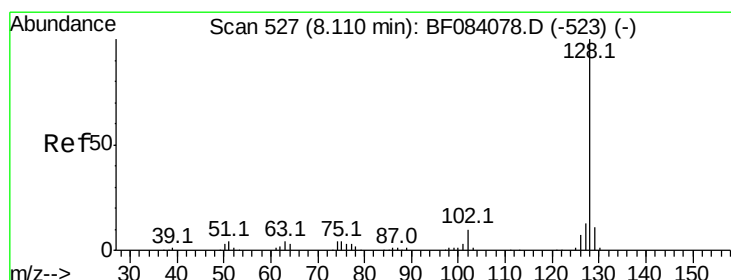
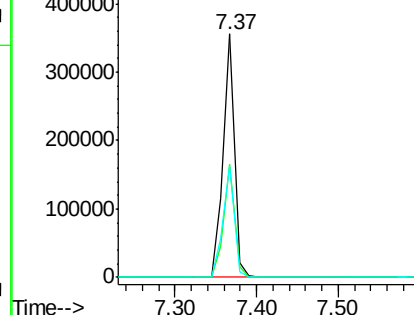
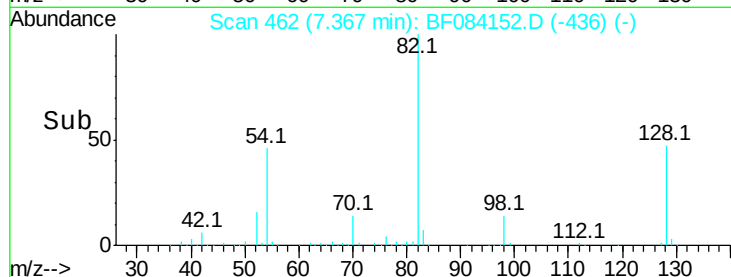
54 46.1 38.4 57.6



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: 4.62 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084152.D

Acq: 26 Dec 2015 2:21

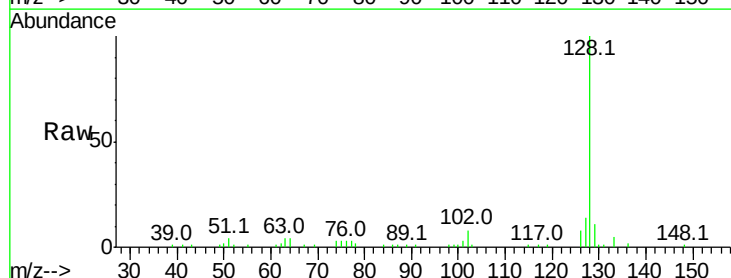
Tgt Ion:128 Resp: 50992

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

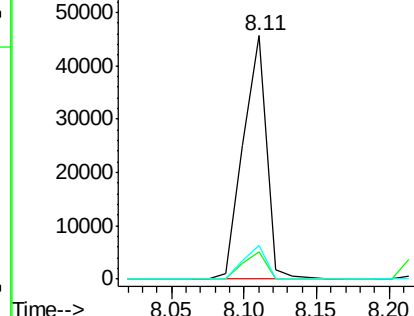
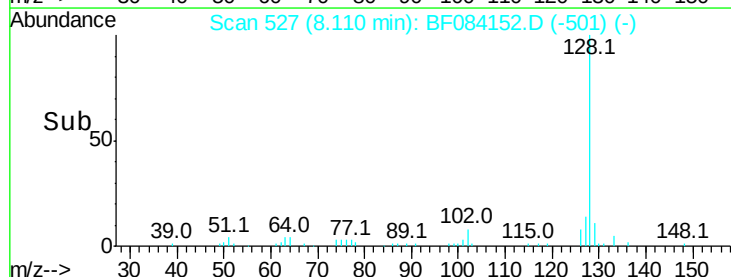
127 13.8 11.1 16.7

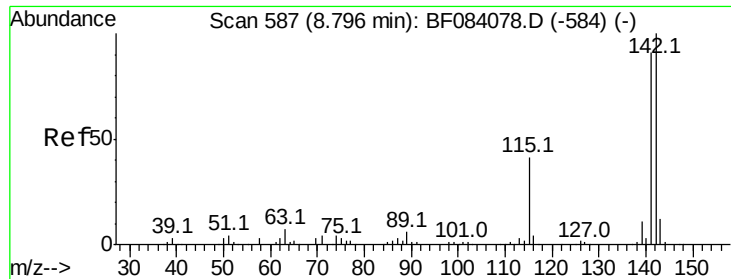


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

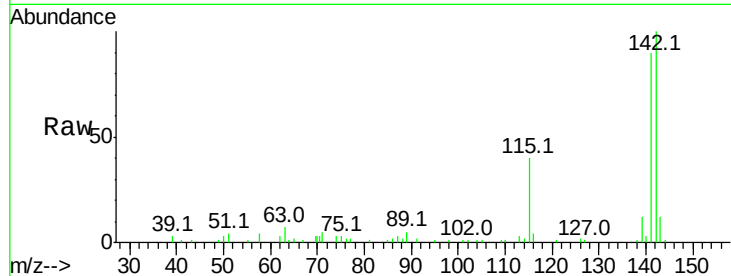




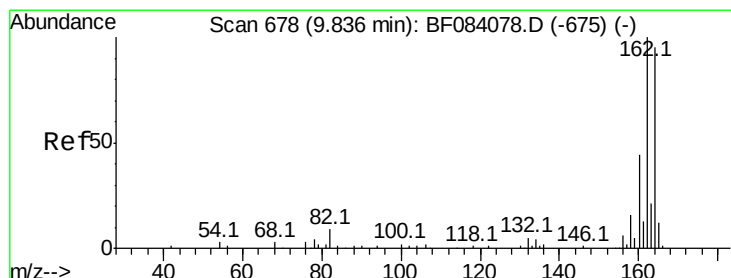
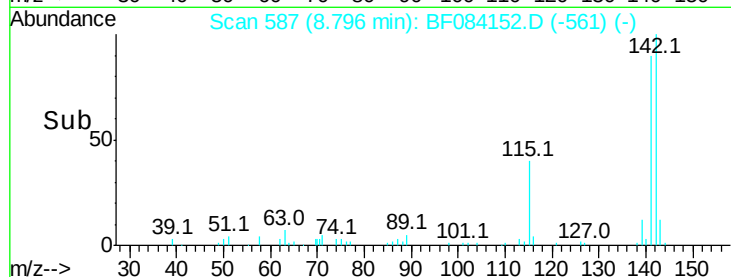
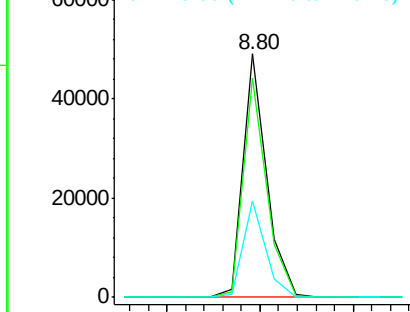
#37
2-Methylnaphthalene
Concen: 6.23 ng
RT: 8.80 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF084152.D
Acq: 26 Dec 2015 2:21

Instrument :
BNA_F
ClientSampleId :
PJ-SB-7(1.5-2.0)

Tot Ion:142 Resp: 43070
Ion Ratio Lower Upper
142 100
141 89.9 72.4 108.6
115 39.5 27.9 41.9

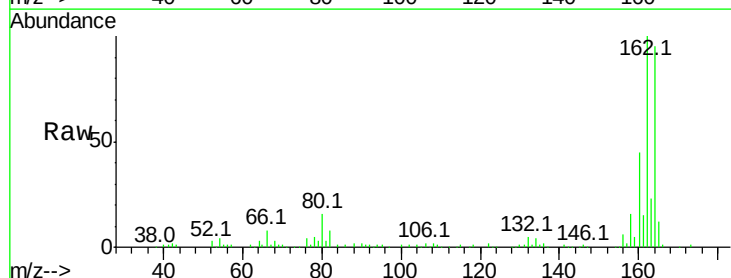


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

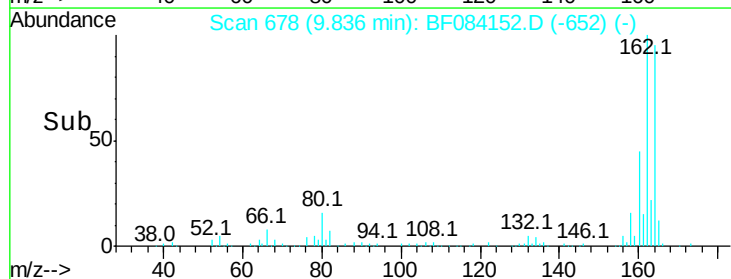
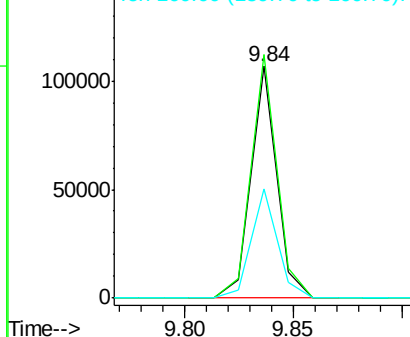


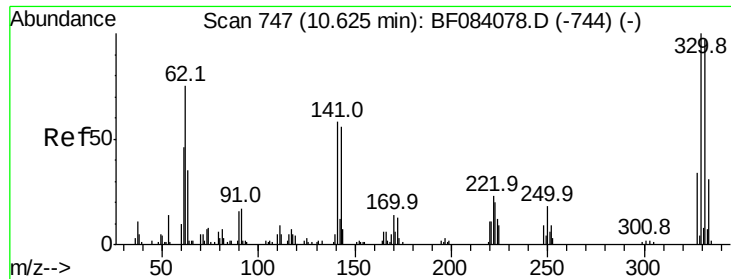
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084152.D
Acq: 26 Dec 2015 2:21

Tgt Ion:164 Resp: 87049
Ion Ratio Lower Upper
164 100
162 105.2 85.1 127.7
160 47.0 37.5 56.3



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

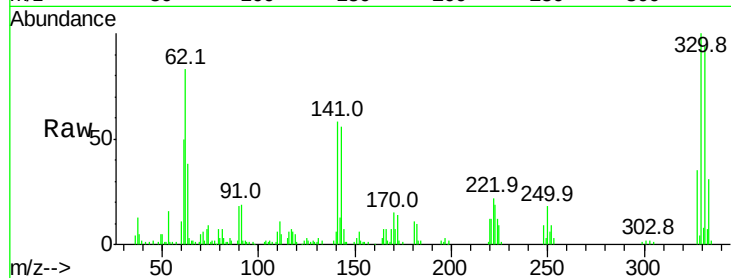




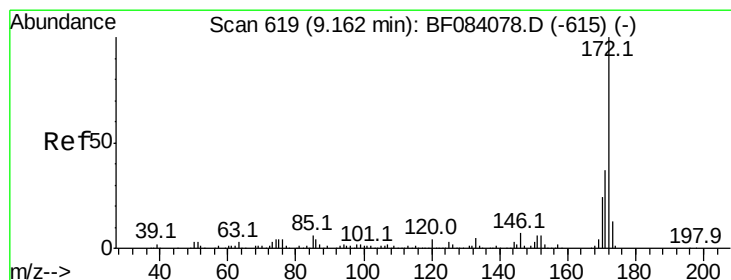
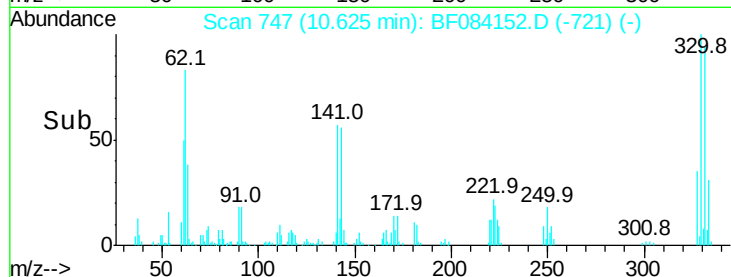
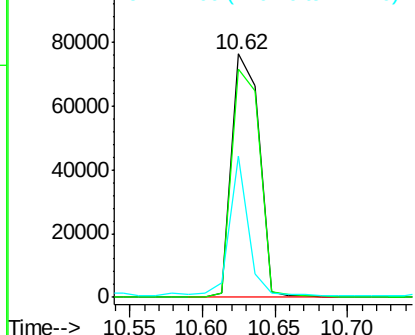
#41
 2,4,6-Tribromophenol
 Concen: 108.72 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084152.D
 Acq: 26 Dec 2015 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-7(1.5-2.0)

Tot Ion:330 Resp: 100923
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 41.5 27.8 41.6

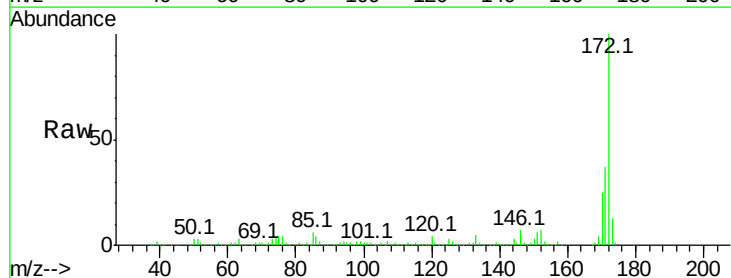


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

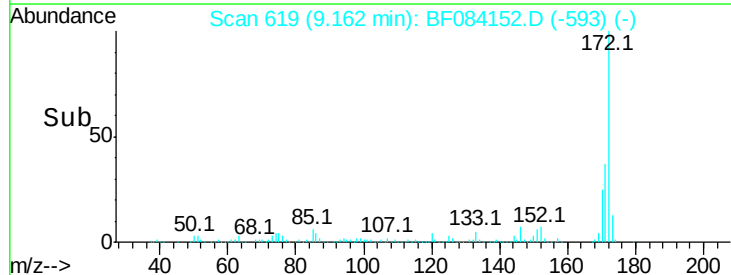
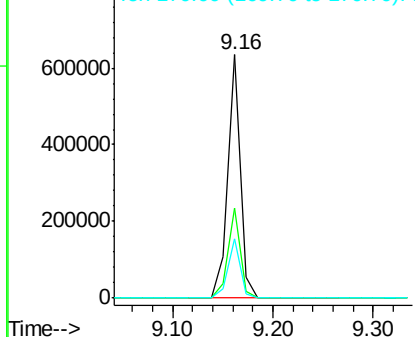


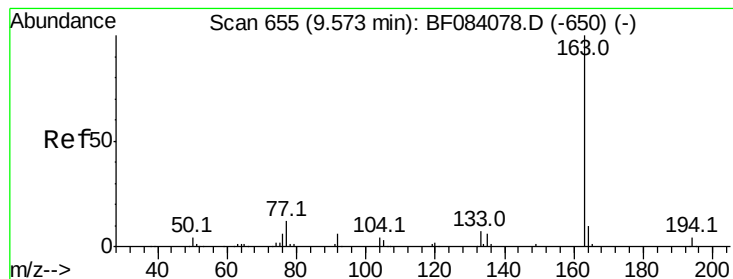
#44
 2-Fluorobiphenyl
 Concen: 86.44 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084152.D
 Acq: 26 Dec 2015 2:21

Tgt Ion:172 Resp: 549905
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.5 18.6 27.8



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





#49

Dimethylphthalate

Concen: 18.45 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF084152.D

Acq: 26 Dec 2015 2:21

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(1.5-2.0)

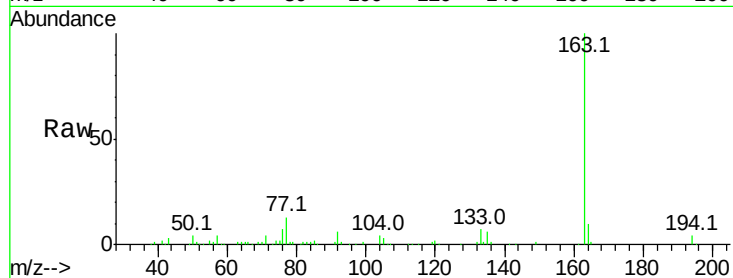
Tot Ion:163 Resp: 133040

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

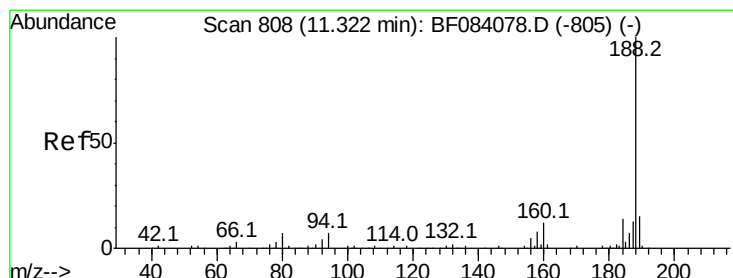
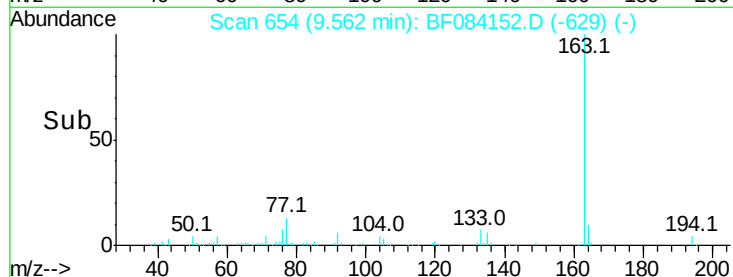
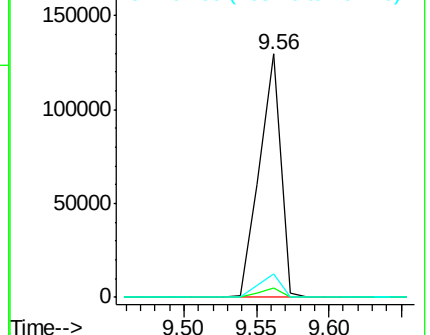
164 9.9 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF084152.D

Acq: 26 Dec 2015 2:21

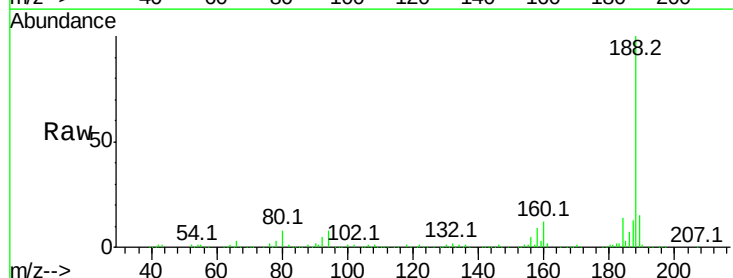
Tgt Ion:188 Resp: 140893

Ion Ratio Lower Upper

188 100

94 7.7 9.0 13.4#

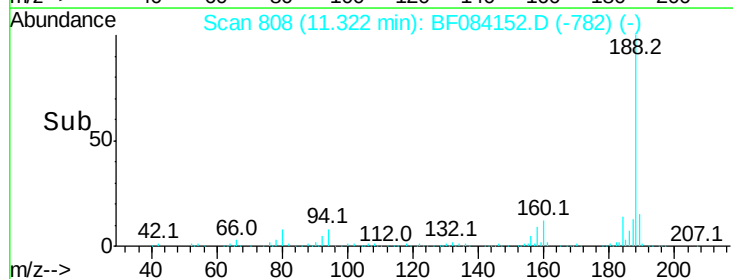
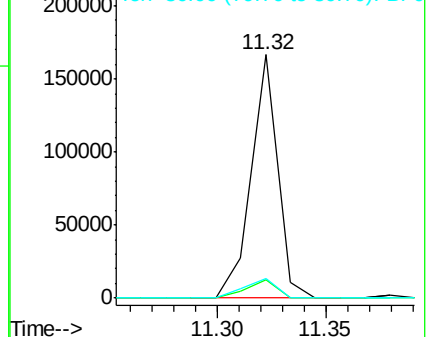
80 8.1 9.6 14.4#

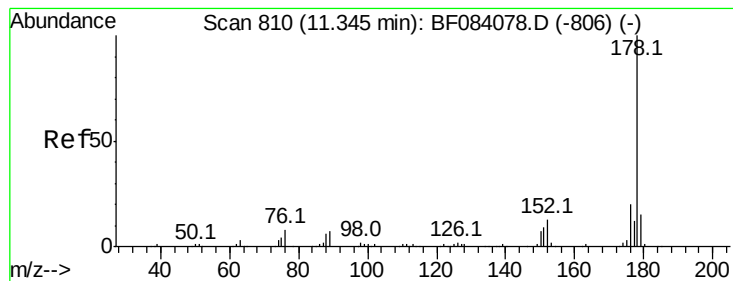


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.87 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF084152.D

Acq: 26 Dec 2015 2:21

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(1.5-2.0)

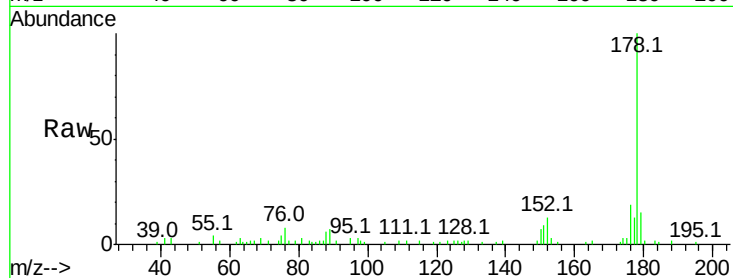
Tot Ion:178 Resp: 23980

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

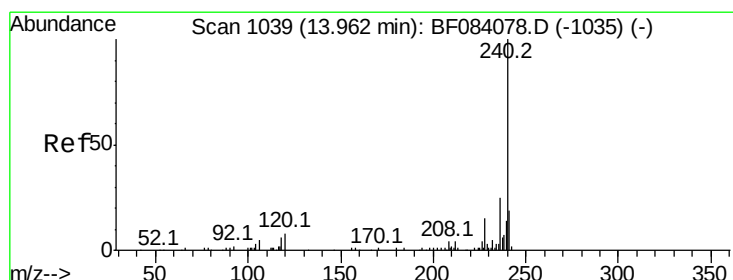
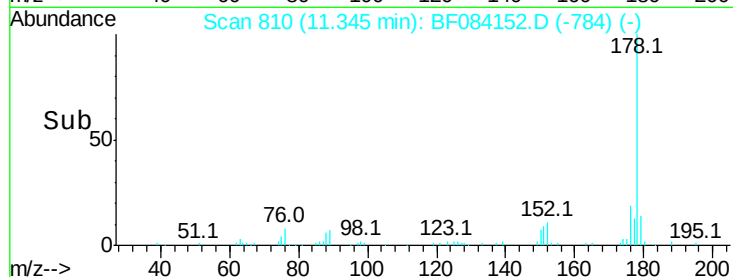
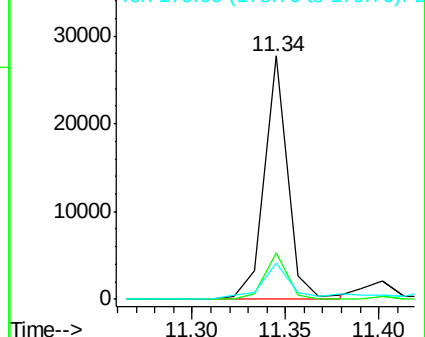
179 15.0 12.0 18.0



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF084152.D

Acq: 26 Dec 2015 2:21

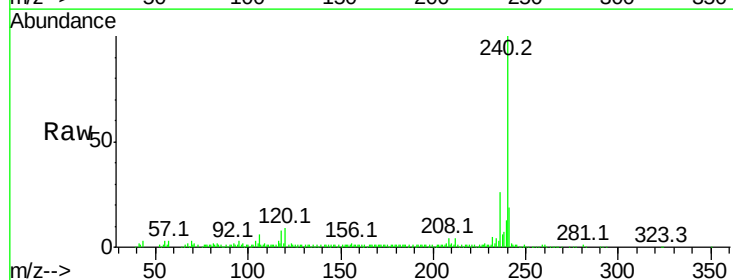
Tgt Ion:240 Resp: 111893

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

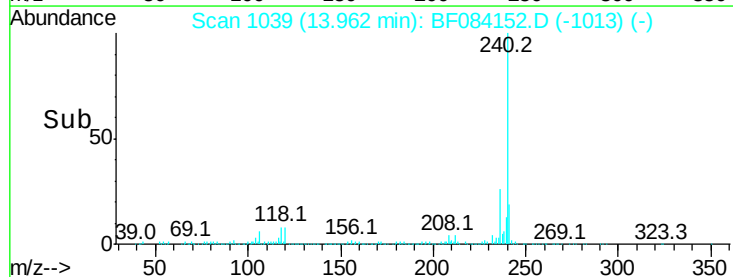
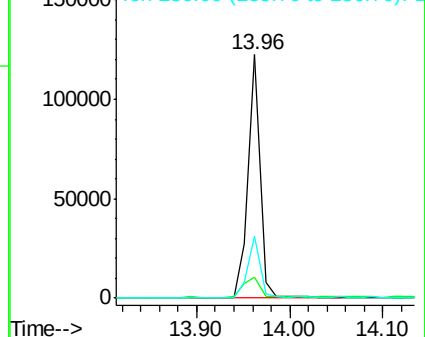
236 25.6 20.6 31.0

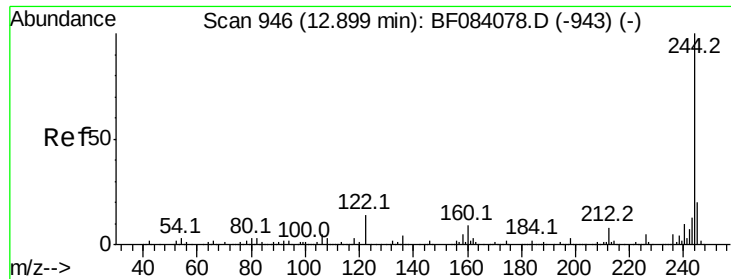


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.99 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084152.D

Acq: 26 Dec 2015 2:21

Instrument :

BNA_F

ClientSampleId :

PJ-SB-7(1.5-2.0)

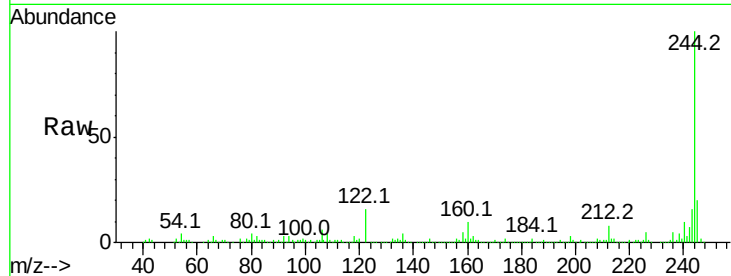
Tot Ion:244 Resp: 383303

Ion Ratio Lower Upper

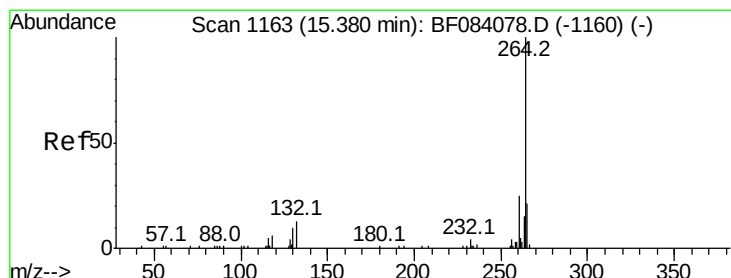
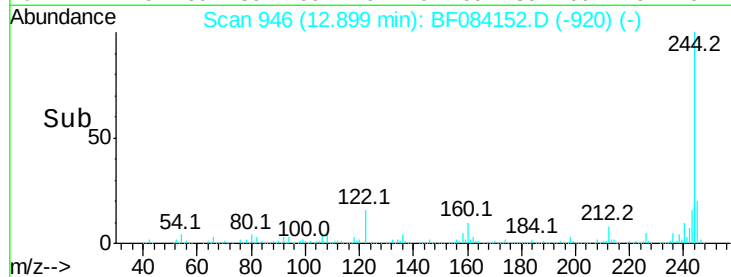
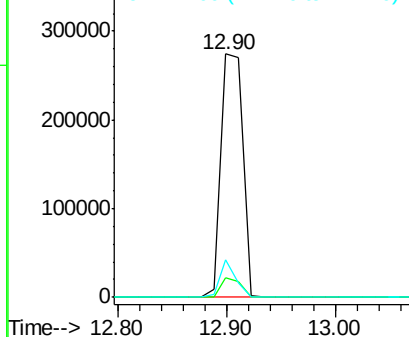
244 100

212 7.9 5.7 8.5

122 15.6 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF084152.D

Acq: 26 Dec 2015 2:21

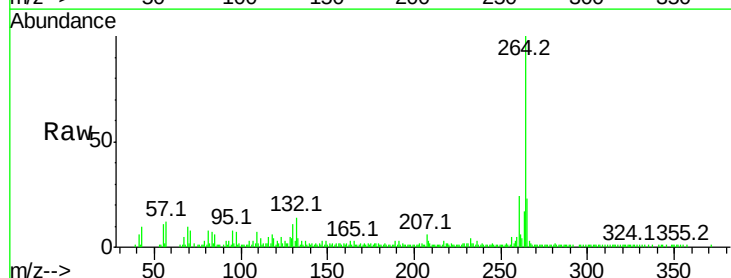
Tgt Ion:264 Resp: 77672

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 22.7 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

