

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078382.D
 Acq On : 10 Apr 2015 4:28
 Operator : TP/IZ
 Sample : G1782-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB07(1)

Quant Time: Apr 10 04:07:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 01:53:29 2015
 Response via : Initial Calibration

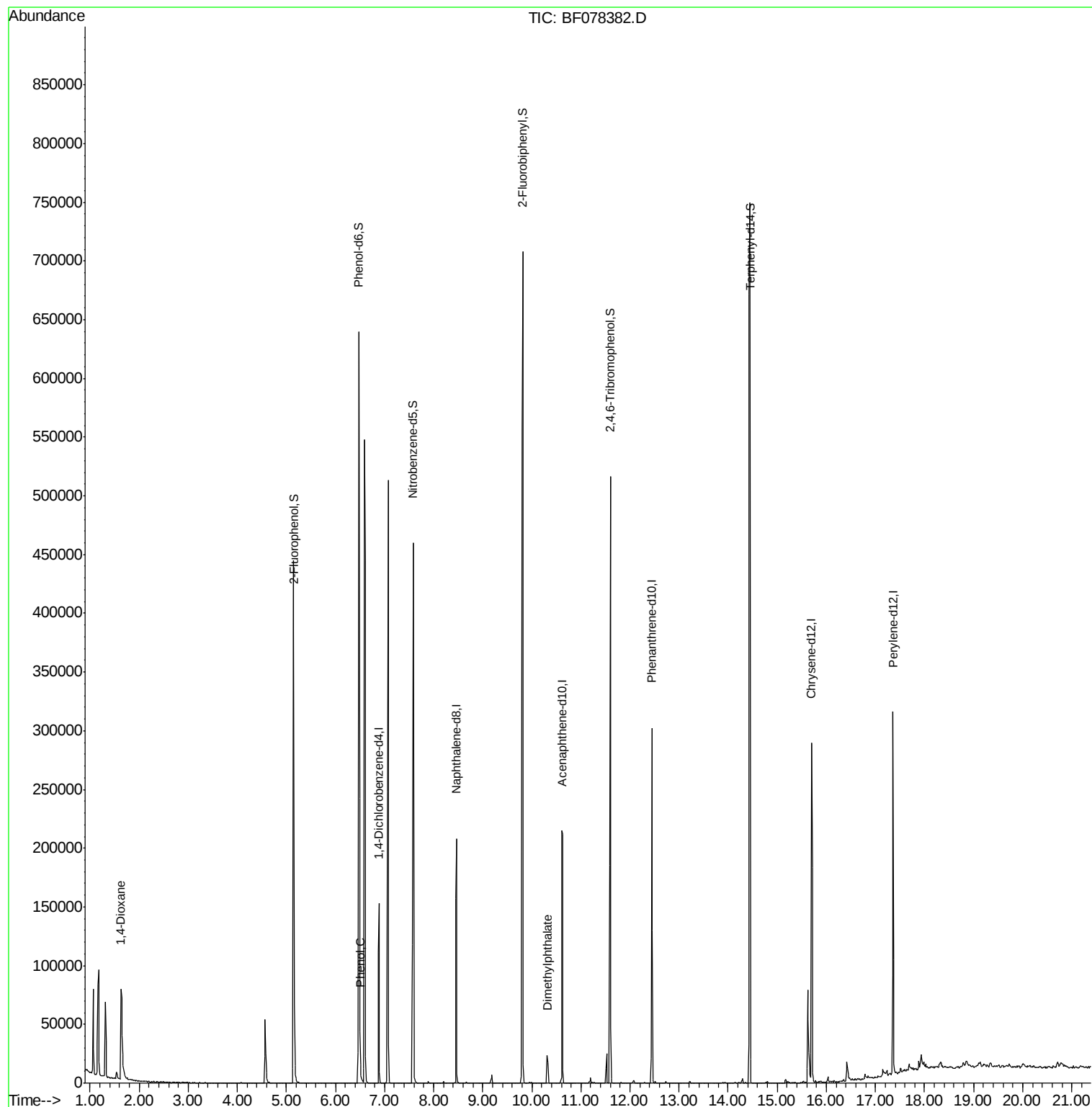
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	33571	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	135466	20.00	ng	0.00
38) Acenaphthene-d10	10.61	164	66830	20.00	ng	-0.01
63) Phenanthrene-d10	12.44	188	130759	20.00	ng	0.00
75) Chrysene-d12	15.70	240	135621	20.00	ng	-0.01
86) Perylene-d12	17.36	264	133010	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	199366	97.91	ng	0.01
7) Phenol-d6	6.48	99	251357	98.50	ng	0.00
23) Nitrobenzene-d5	7.58	82	150235	67.22	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	63893	115.28	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	319875	68.42	ng	0.00
78) Terphenyl-d14	14.44	244	367572	61.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.63	88	4010	4.36	ng	# 23
10) Phenol	6.50	94	6209	2.03	ng	84
49) Dimethylphthalate	10.32	163	15298	3.05	ng	# 95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF078382.D

Acq: 10 Apr 2015 4:28

Instrument :

BNA_F

ClientSampleId :

SB07(1)

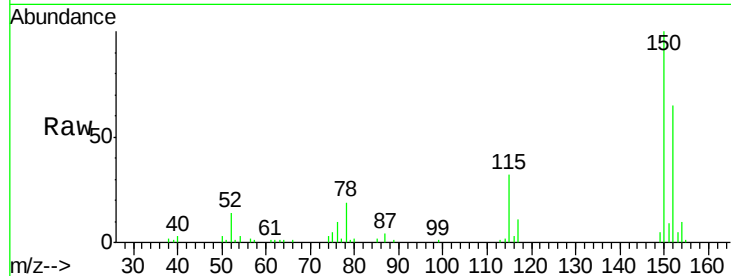
Tgt Ion:152 Resp: 33571

Ion Ratio Lower Upper

152 100

150 153.8 125.9 188.9

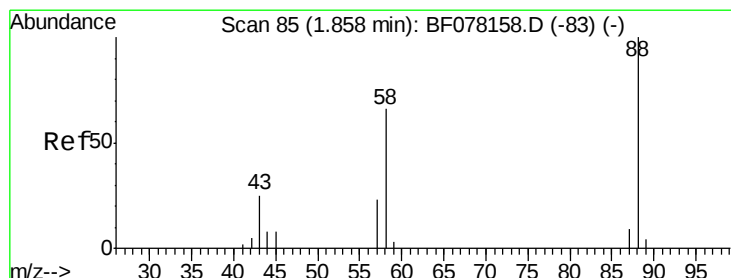
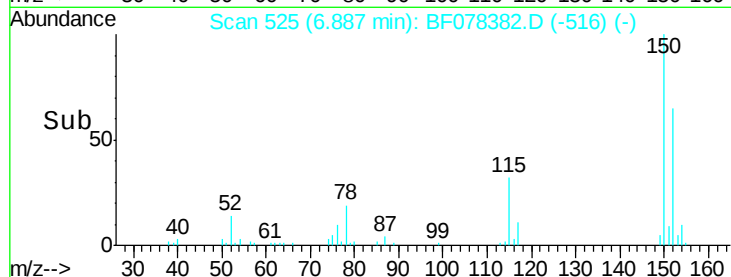
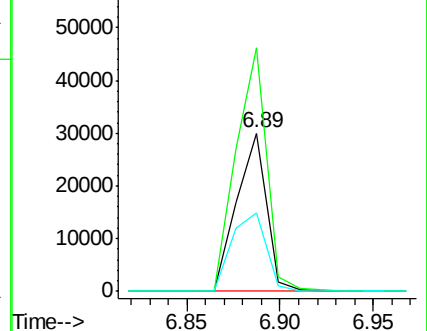
115 50.0 52.7 79.1#



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



#2

1,4-Dioxane

Concen: 4.36 ng

RT: 1.63 min Scan# 65

Delta R.T. -0.06 min

Lab File: BF078382.D

Acq: 10 Apr 2015 4:28

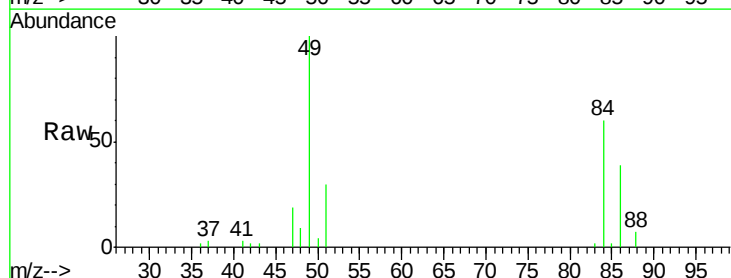
Tgt Ion: 88 Resp: 4010

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

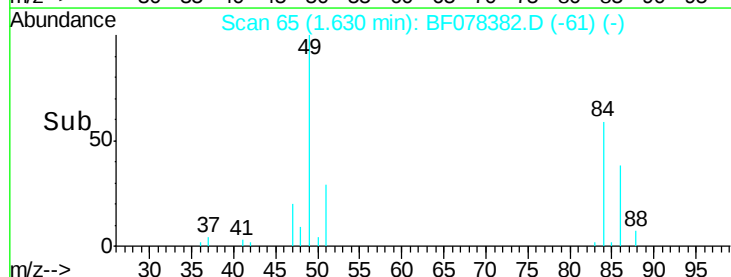
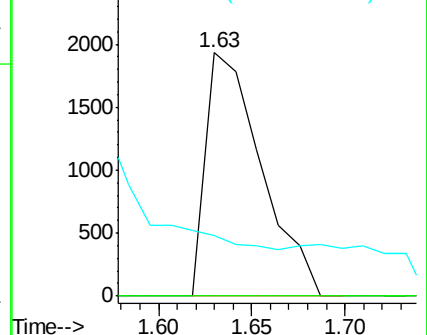
43 0.0 21.4 32.2#

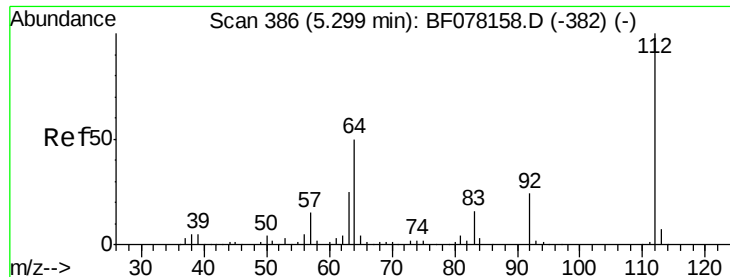


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 97.91 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF078382.D

Acq: 10 Apr 2015 4:28

Instrument :

BNA_F

ClientSampleId :

SB07(1)

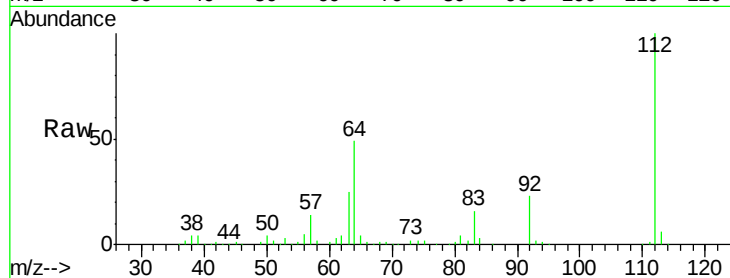
Tgt Ion: 112 Resp: 199366

Ion Ratio Lower Upper

112 100

64 48.7 39.9 59.9

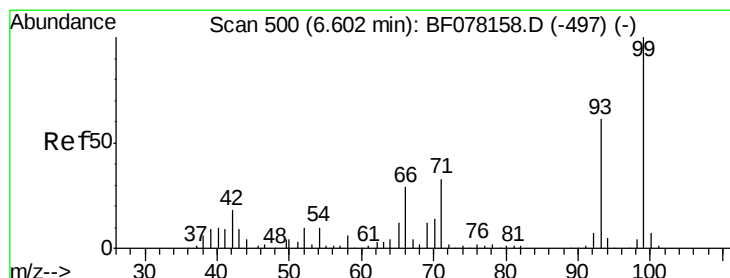
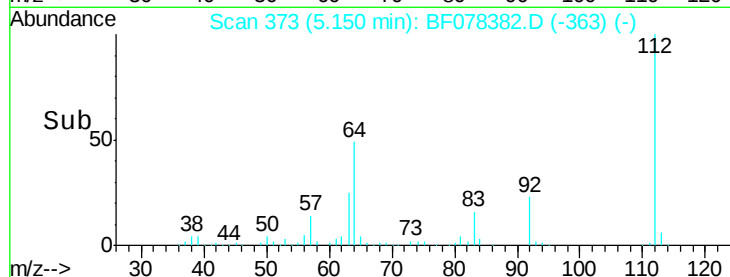
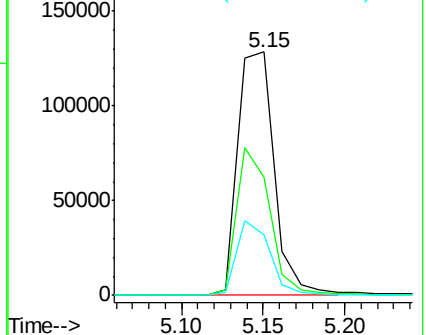
63 24.9 20.2 30.4



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: 98.50 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF078382.D

Acq: 10 Apr 2015 4:28

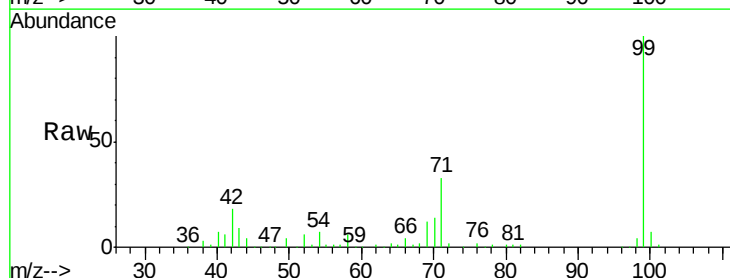
Tgt Ion: 99 Resp: 251357

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

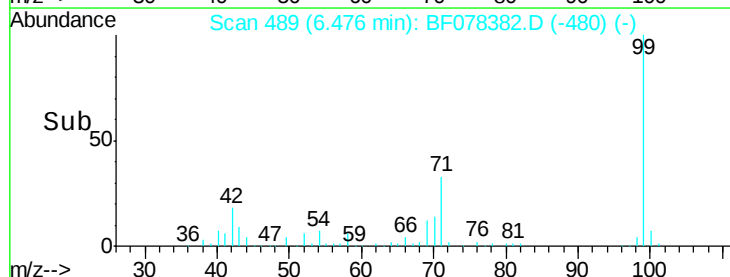
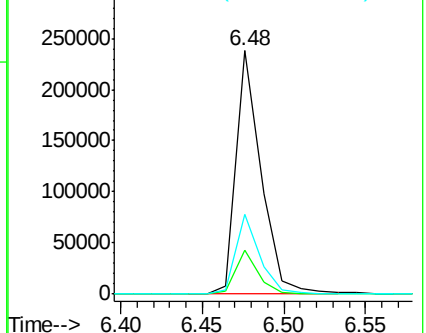
71 33.0 26.6 39.8

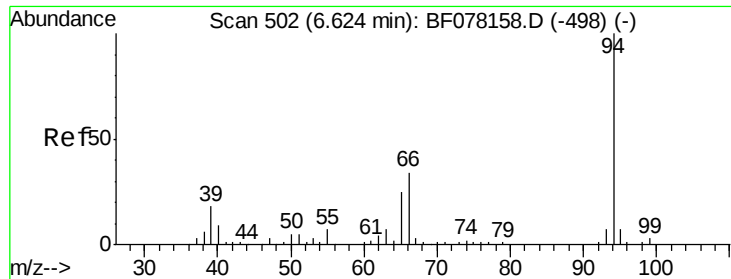


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.03 ng

RT: 6.50 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF078382.D

Acq: 10 Apr 2015 4:28

Instrument :

BNA_F

ClientSampleId :

SB07(1)

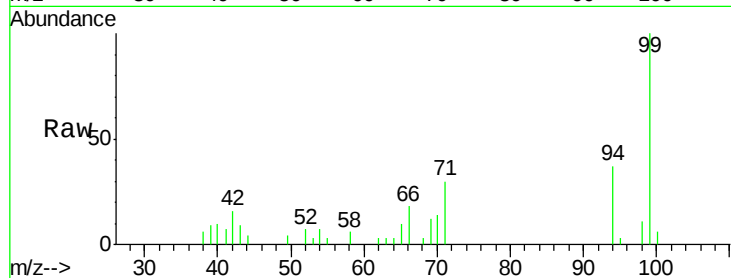
Tgt Ion: 94 Resp: 6209

Ion Ratio Lower Upper

94 100

65 28.1 4.9 44.9

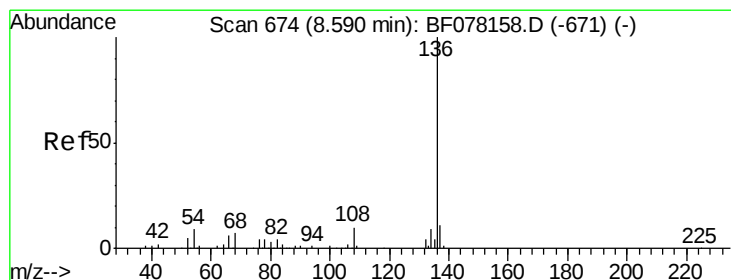
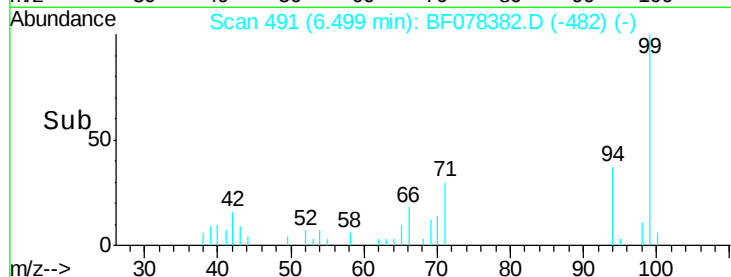
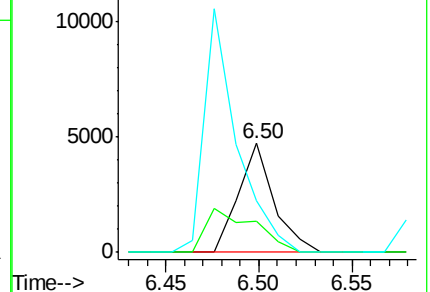
66 47.3 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF078382.D

Acq: 10 Apr 2015 4:28

Tgt Ion: 136 Resp: 135466

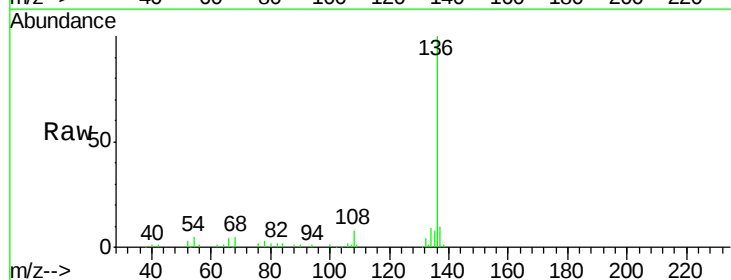
Ion Ratio Lower Upper

136 100

137 9.7 9.0 13.4

54 5.5 7.0 10.6#

68 4.7 5.4 8.2#

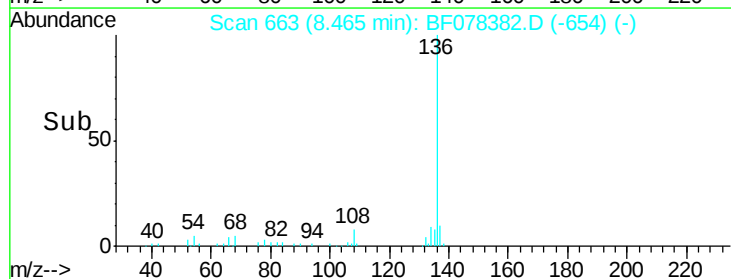
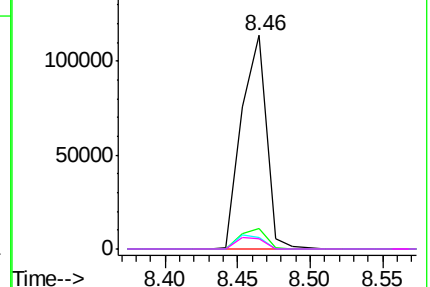


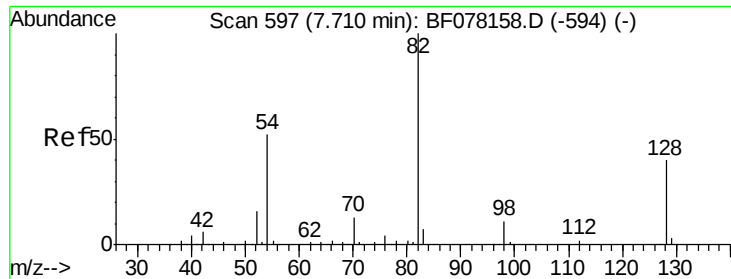
Abundance Ion 136.00 (135.70 to 136.70): E

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

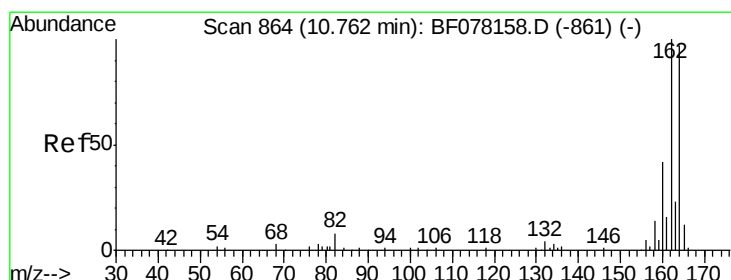
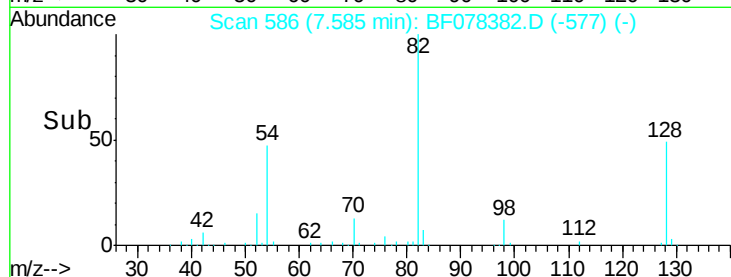
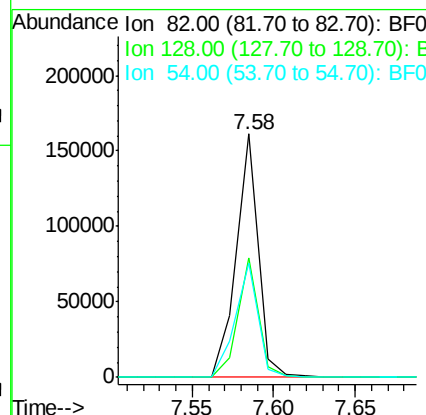
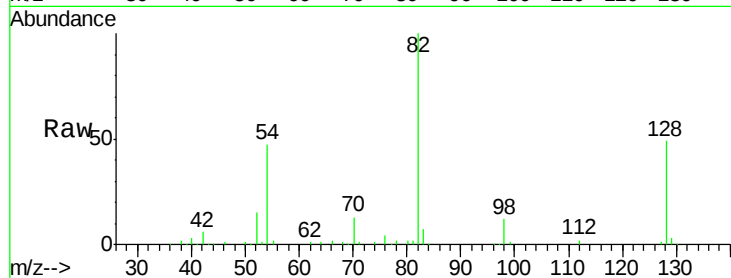




#23
 Nitrobenzene-d5
 Concen: 67.22 ng
 RT: 7.58 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF078382.D
 Acq: 10 Apr 2015 4:28

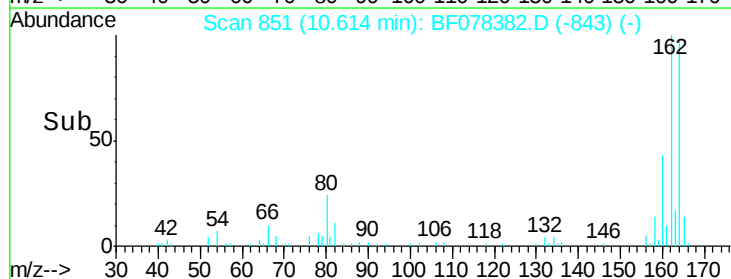
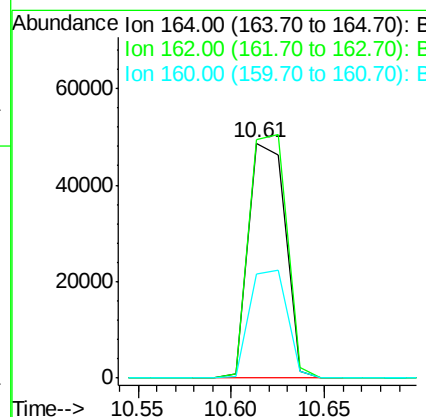
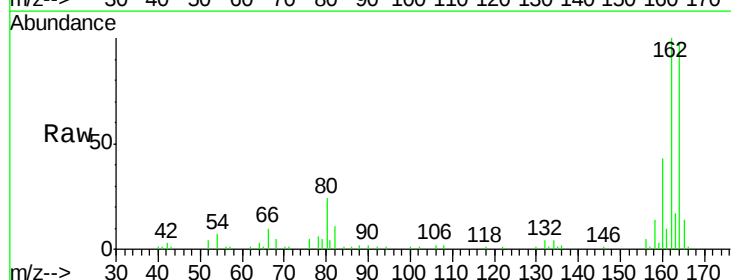
Instrument :
 BNA_F
 ClientSampleId :
 SB07(1)

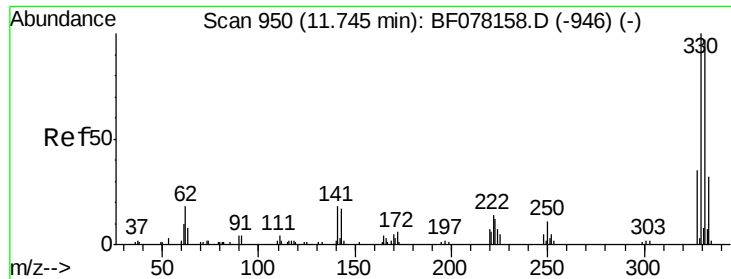
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.3	31.8	47.8#
54	47.1	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.61 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF078382.D
 Acq: 10 Apr 2015 4:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.2
160	44.1	34.7	52.1

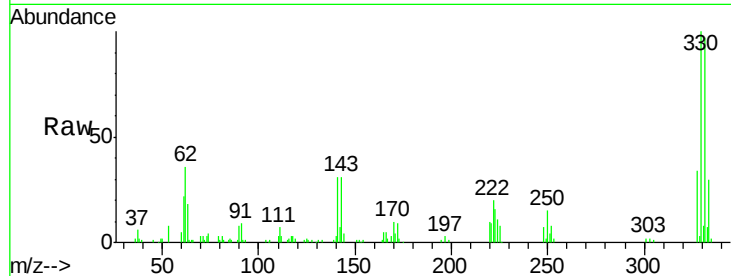




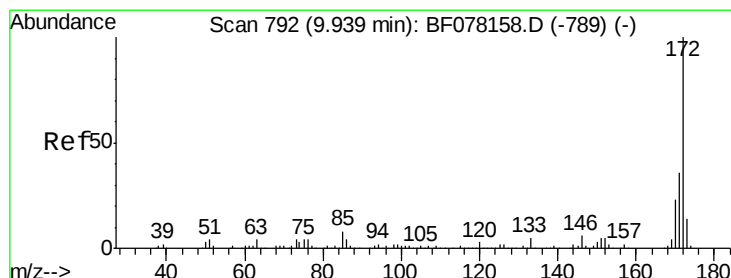
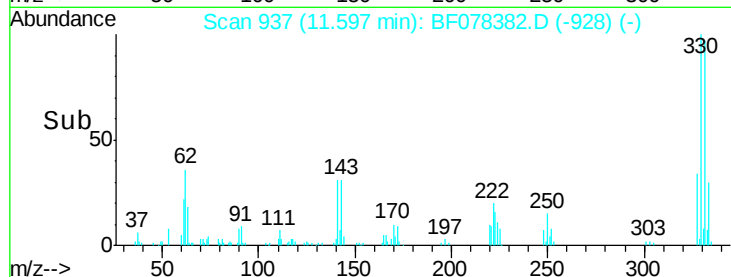
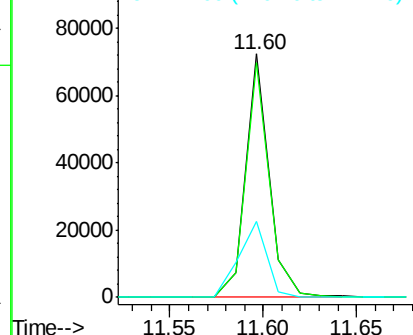
#41
 2,4,6-Tribromophenol
 Concen: 115.28 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF078382.D
 Acq: 10 Apr 2015 4:28

Instrument :
 BNA_F
 ClientSampleId :
 SB07(1)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.6	117.8
141	37.4	31.2	46.8

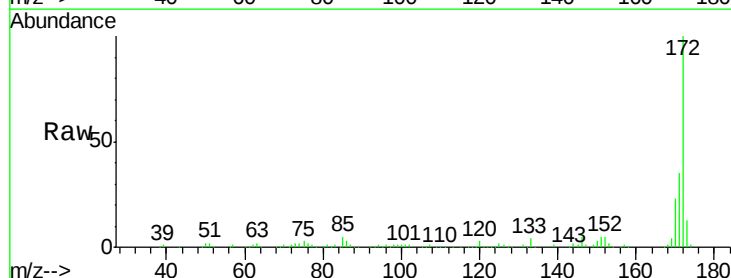


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

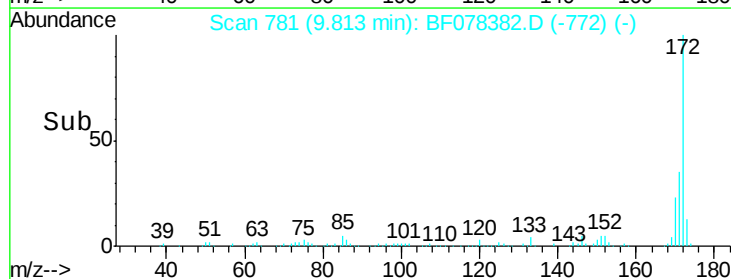
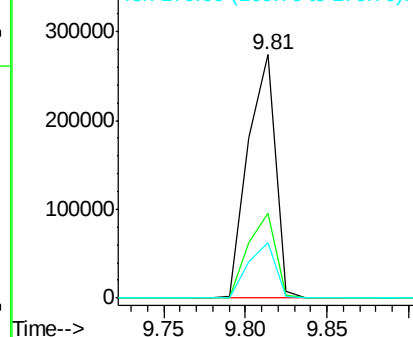


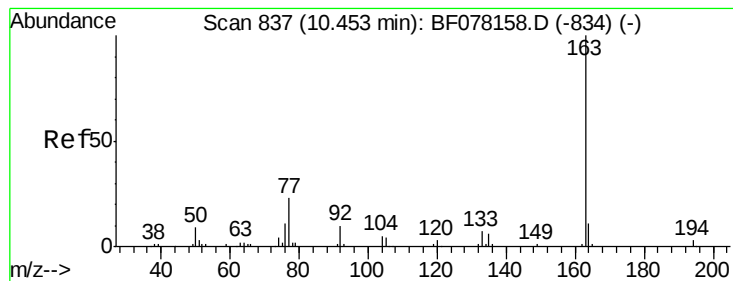
#44
 2-Fluorobiphenyl
 Concen: 68.42 ng
 RT: 9.81 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF078382.D
 Acq: 10 Apr 2015 4:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.0	18.5	27.7



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: 3.05 ng

RT: 10.32 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF078382.D

Acq: 10 Apr 2015 4:28

Instrument :

BNA_F

ClientSampleId :

SB07(1)

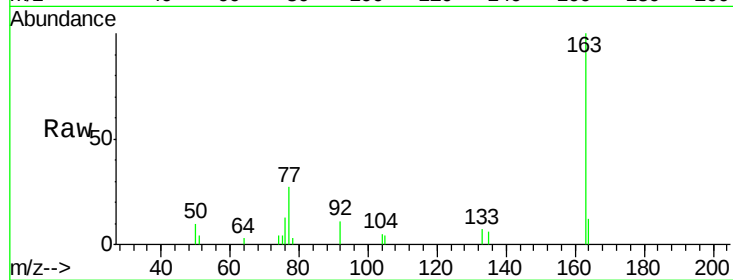
Tgt Ion:163 Resp: 15298

Ion Ratio Lower Upper

163 100

194 0.0 2.3 3.5#

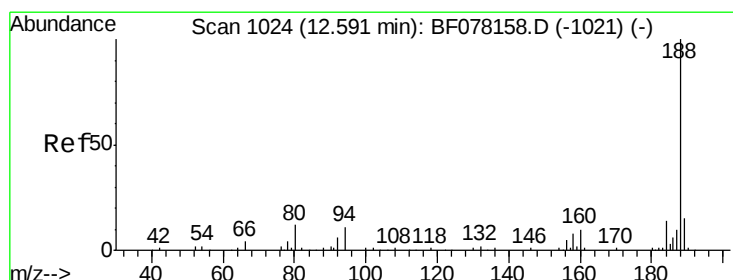
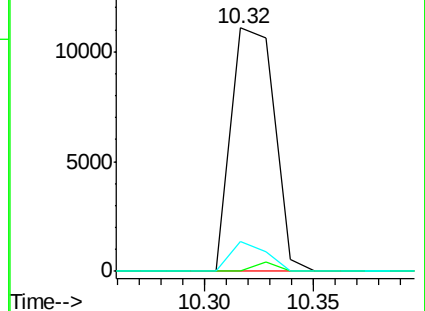
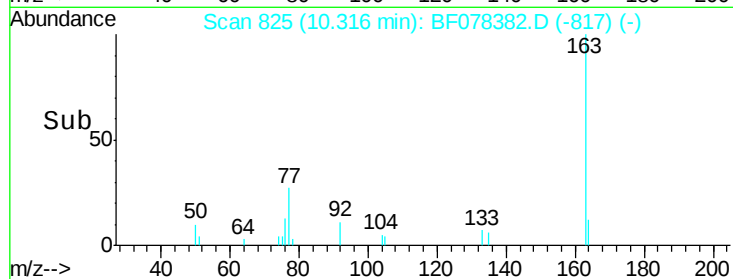
164 12.2 8.6 13.0



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: 12.44 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF078382.D

Acq: 10 Apr 2015 4:28

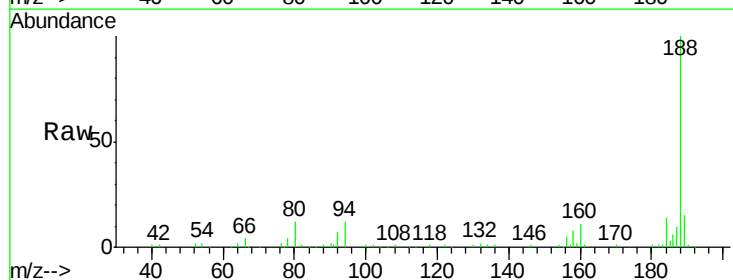
Tgt Ion:188 Resp: 130759

Ion Ratio Lower Upper

188 100

94 12.0 9.0 13.4

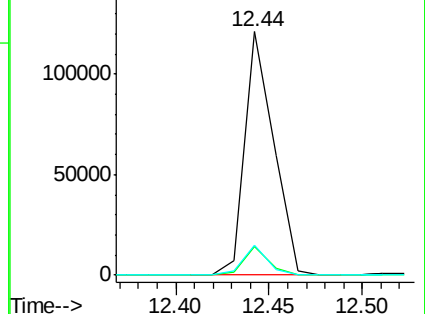
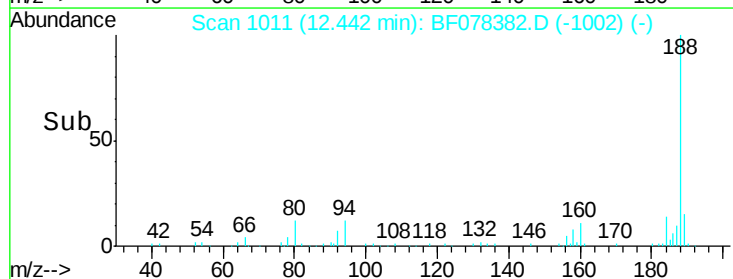
80 12.5 9.5 14.3

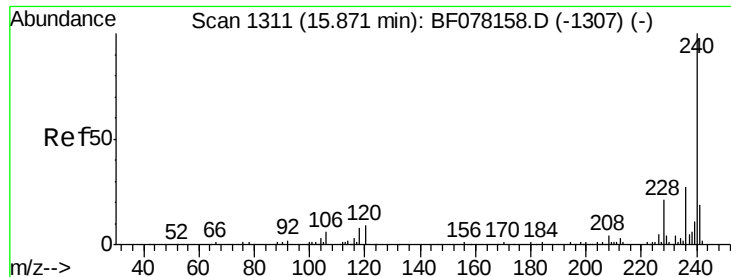


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

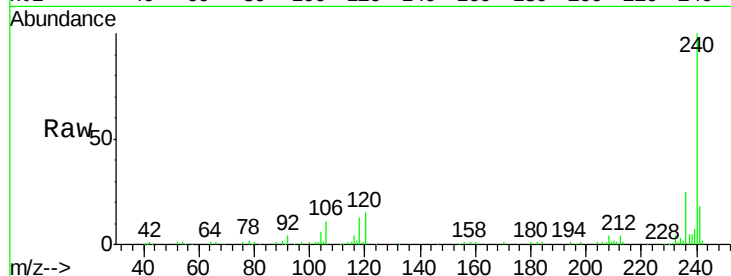




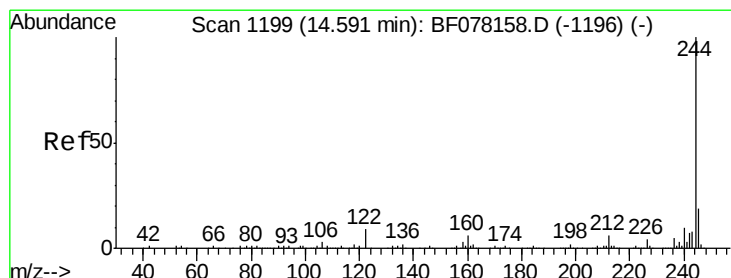
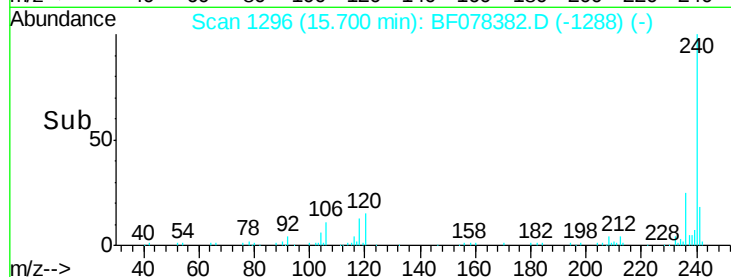
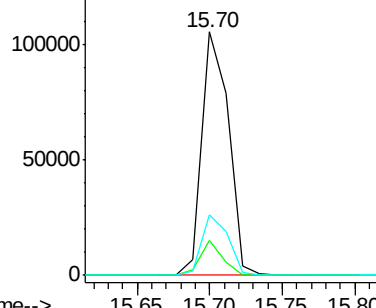
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF078382.D
 Acq: 10 Apr 2015 4:28

Instrument :
 BNA_F
 ClientSampleId :
 SB07(1)

Tgt Ion: 240 Resp: 135621
 Ion Ratio Lower Upper
 240 100
 120 14.5 7.1 10.7#
 236 24.7 21.4 32.2

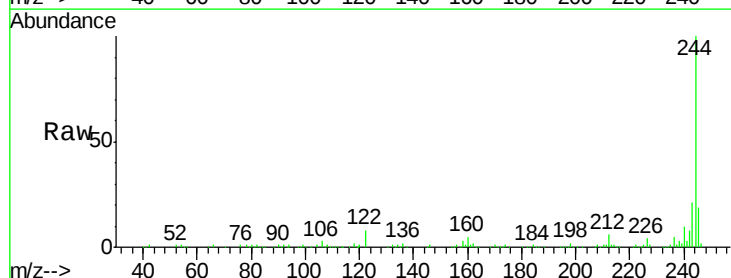


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

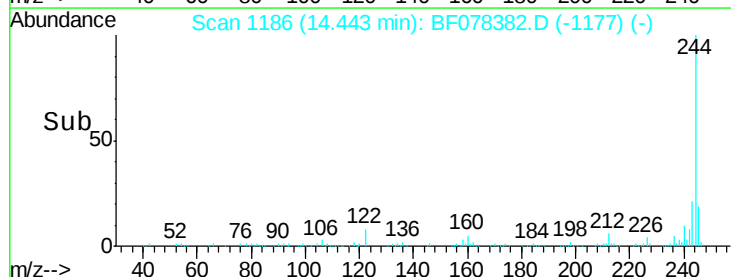
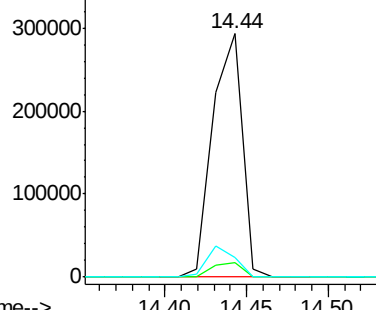


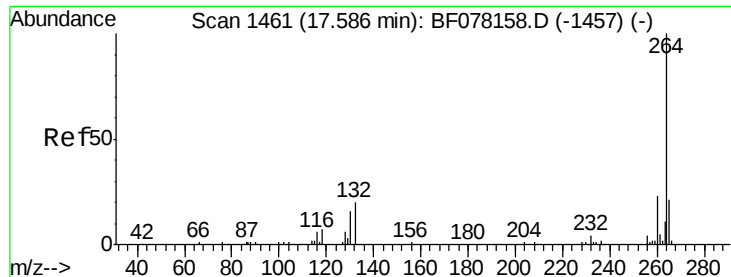
#78
 Terphenyl-d14
 Concen: 61.24 ng
 RT: 14.44 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF078382.D
 Acq: 10 Apr 2015 4:28

Tgt Ion: 244 Resp: 367572
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 7.9 7.1 10.7



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

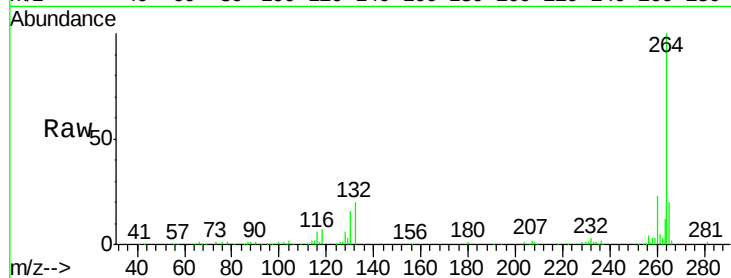




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.36 min Scan# 1441
Delta R.T. -0.06 min
Lab File: BF078382.D
Acq: 10 Apr 2015 4:28

Instrument :
BNA_F
ClientSampleId :
SB07(1)

Tgt Ion: 264 Resp: 133010
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 20.4 17.0 25.6



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

