

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078380.D
 Acq On : 10 Apr 2015 3:31
 Operator : TP/IZ
 Sample : G1782-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB05

Quant Time: Apr 10 04:07:11 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

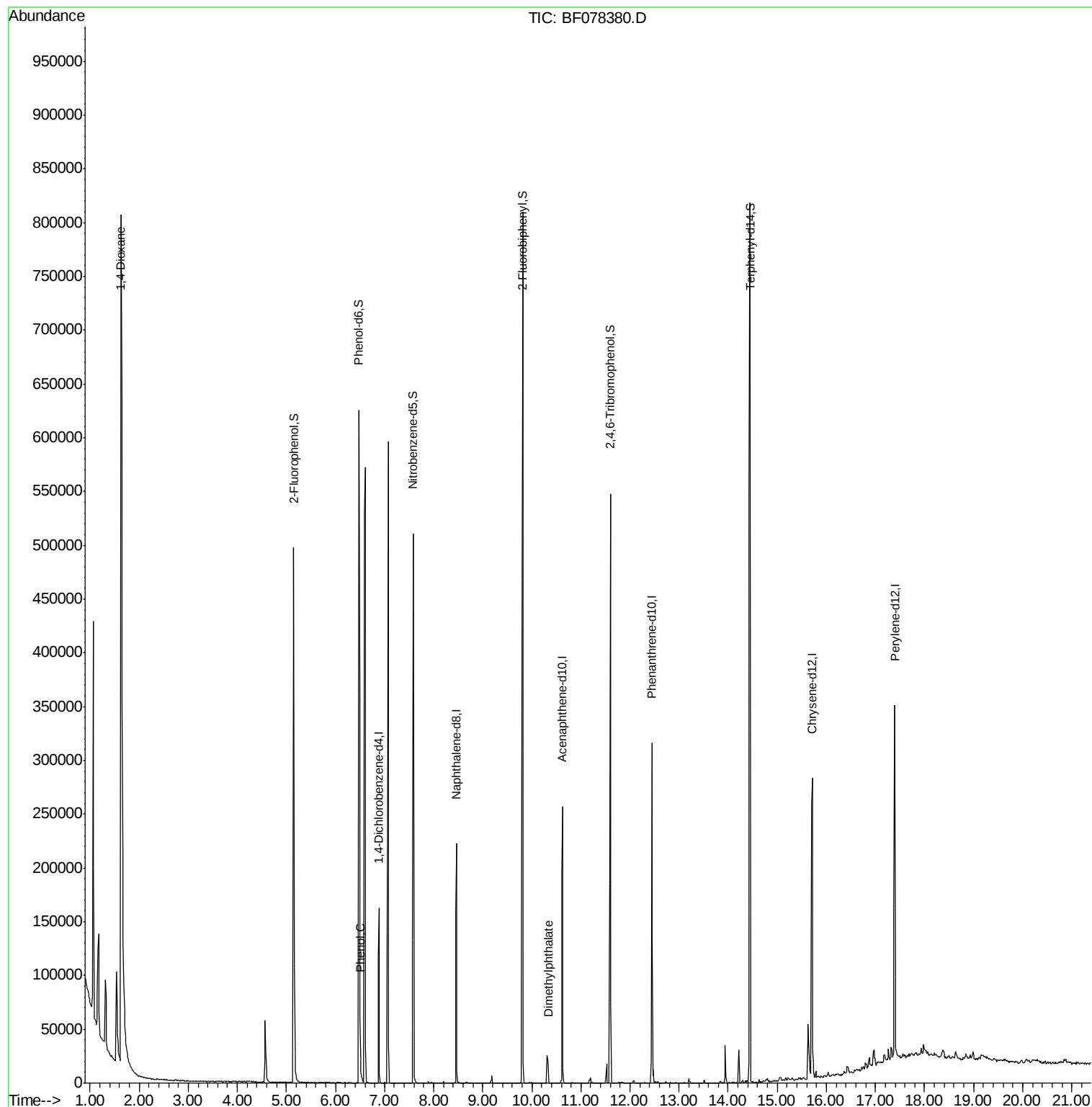
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	35107	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	142371	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	71992	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	135296	20.00	ng	0.00
75) Chrysene-d12	15.71	240	146364	20.00	ng	0.00
86) Perylene-d12	17.39	264	140572	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	219909	103.28	ng	0.01
7) Phenol-d6	6.48	99	282220	105.76	ng	0.00
23) Nitrobenzene-d5	7.58	82	167730	71.41	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	67818	113.58	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	325632	64.66	ng	0.00
78) Terphenyl-d14	14.44	244	356037	54.97	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.63	88	38547	40.03	ng	# 23
10) Phenol	6.50	94	7363	2.30	ng	87
49) Dimethylphthalate	10.33	163	16509	3.05	ng	# 96

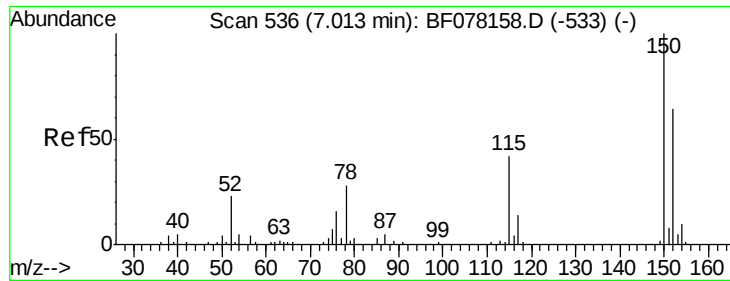
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078380.D

Acq: 10 Apr 2015 3:31

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BNA_F

ClientSampleId :

SB05

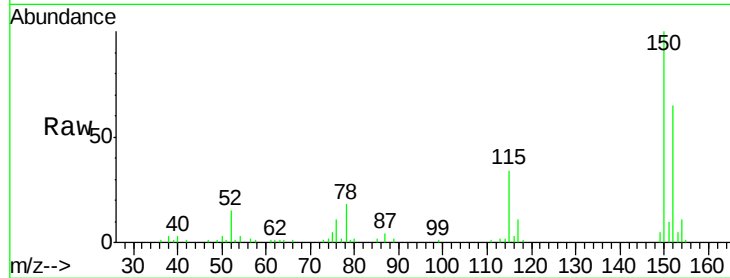
Tgt Ion:152 Resp: 35107

Ion Ratio Lower Upper

152 100

150 154.0 125.9 188.9

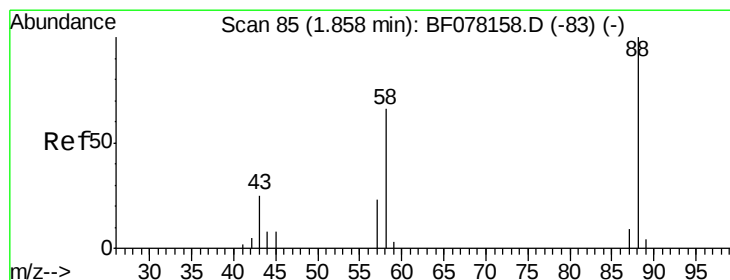
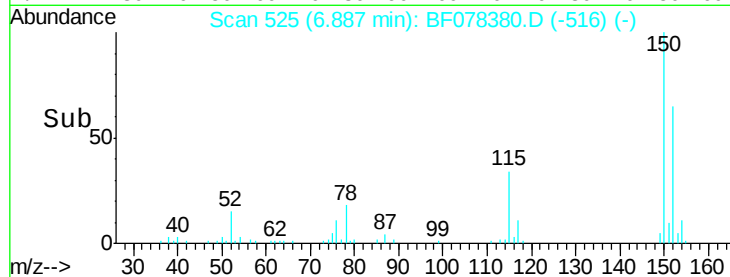
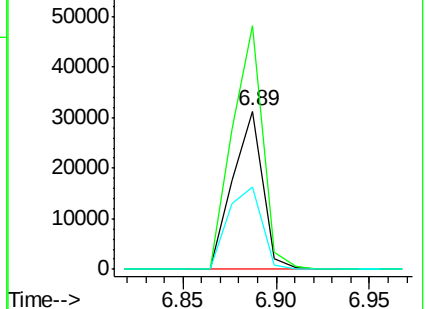
115 51.9 52.7 79.1#



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: 40.03 ng

RT: 1.63 min Scan# 65

Delta R.T. -0.06 min

Lab File: BF078380.D

Acq: 10 Apr 2015 3:31

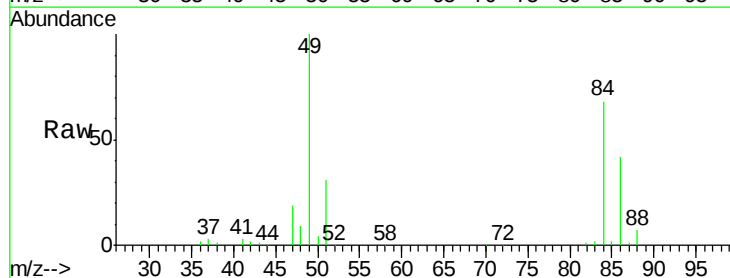
Tgt Ion: 88 Resp: 38547

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

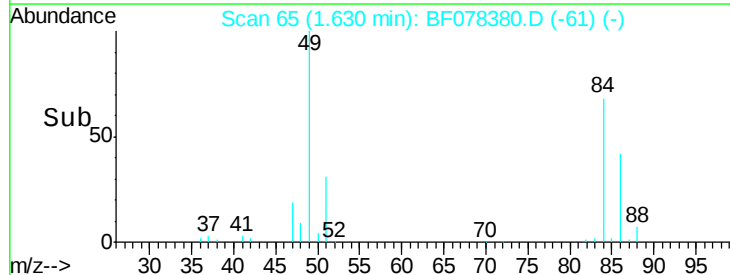
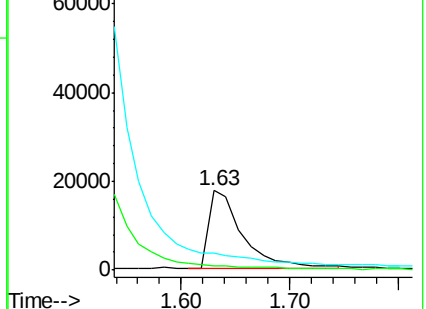
43 0.0 21.4 32.2#

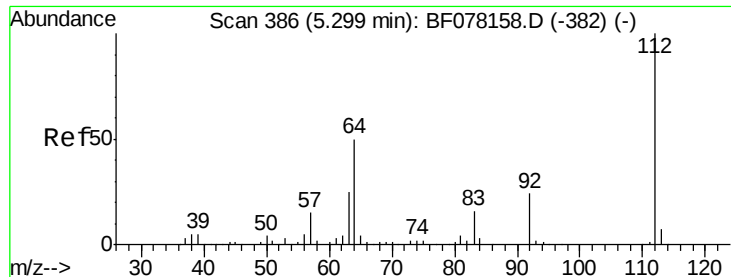


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

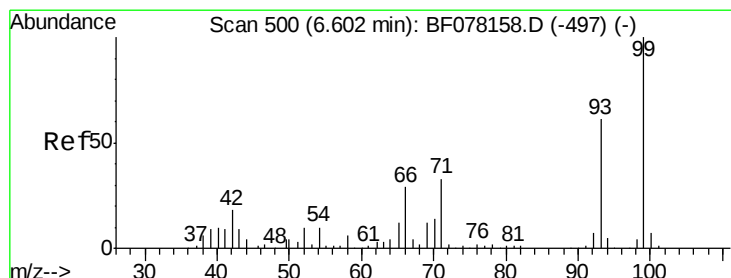
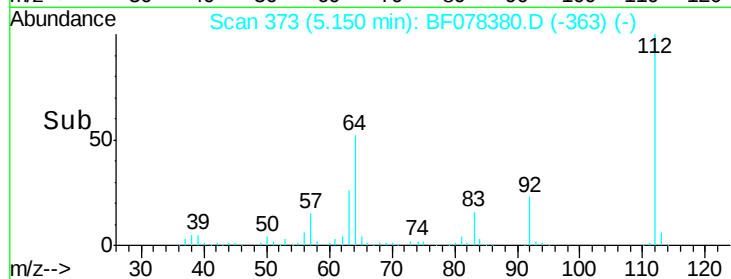
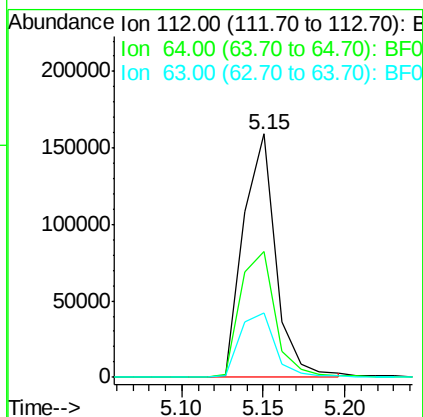
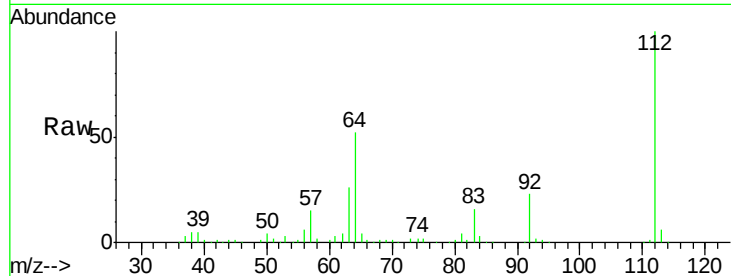




#5
 2-Fluorophenol
 Concen: 103.28 ng
 RT: 5.15 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: BF078380.D
 Acq: 10 Apr 2015 3:31

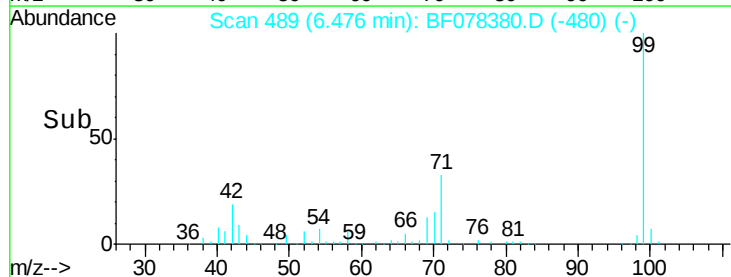
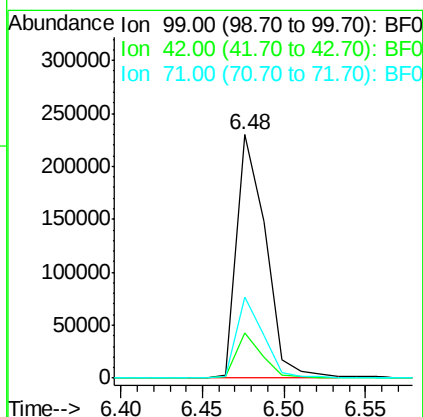
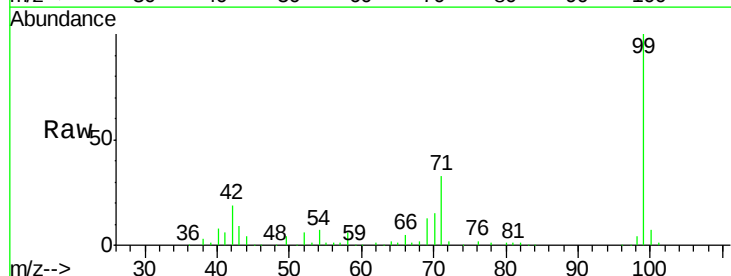
Instrument :
 BNA_F
 ClientSampled :
 SB05

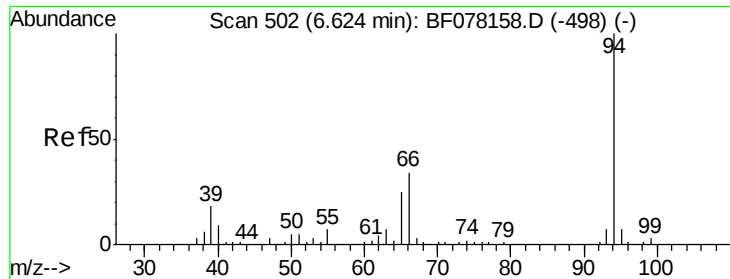
Tgt Ion:	112	Resp:	219909
Ion	Ratio	Lower	Upper
112	100		
64	51.8	39.9	59.9
63	26.3	20.2	30.4



#7
 Phenol-d6
 Concen: 105.76 ng
 RT: 6.48 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF078380.D
 Acq: 10 Apr 2015 3:31

Tgt Ion:	99	Resp:	282220
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.8	22.2
71	33.4	26.6	39.8





#10

Phenol

Concen: 2.30 ng

RT: 6.50 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF078380.D

Acq: 10 Apr 2015 3:31

Instrument :

BNA_F

ClientSampleId :

SB05

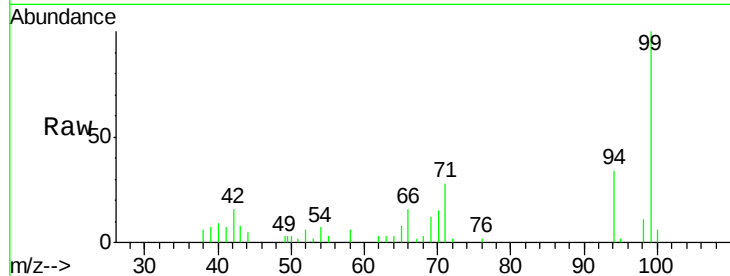
Tgt Ion: 94 Resp: 7363

Ion Ratio Lower Upper

94 100

65 23.6 4.9 44.9

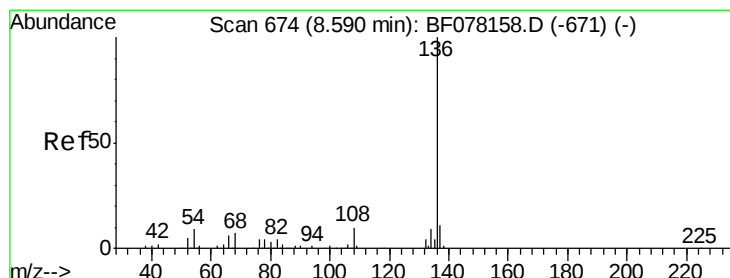
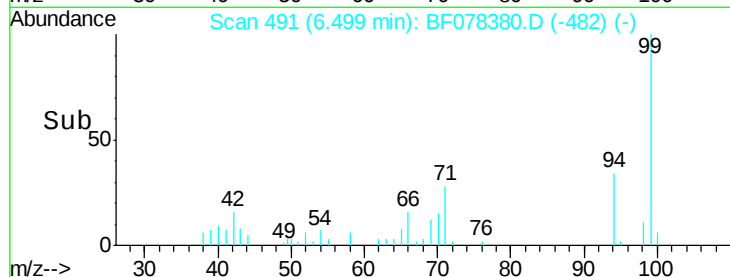
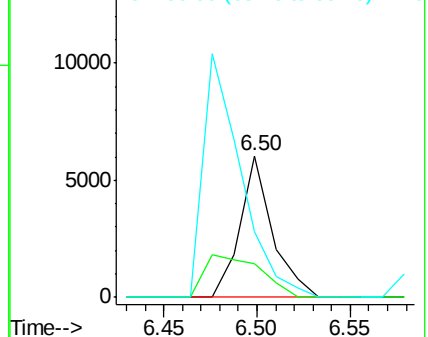
66 45.9 13.8 53.8



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: BF078380.D

Acq: 10 Apr 2015 3:31

Tgt Ion: 136 Resp: 142371

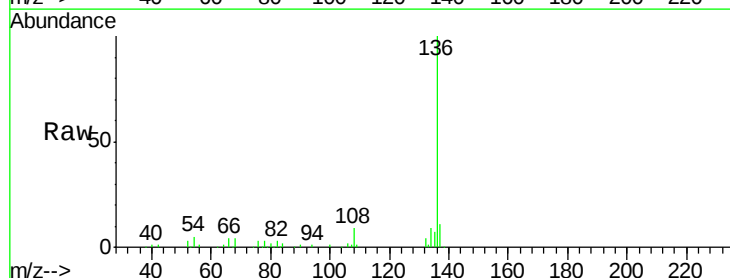
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 5.3 7.0 10.6#

68 4.5 5.4 8.2#

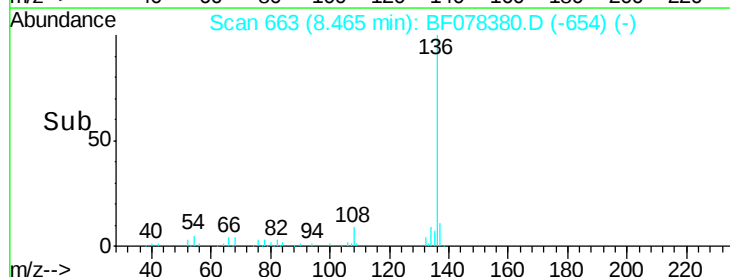
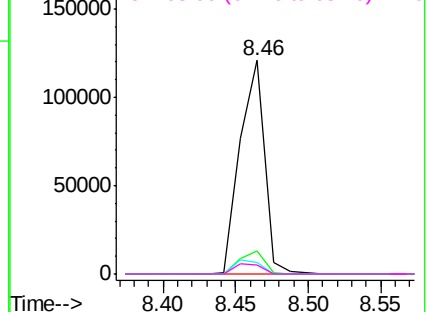


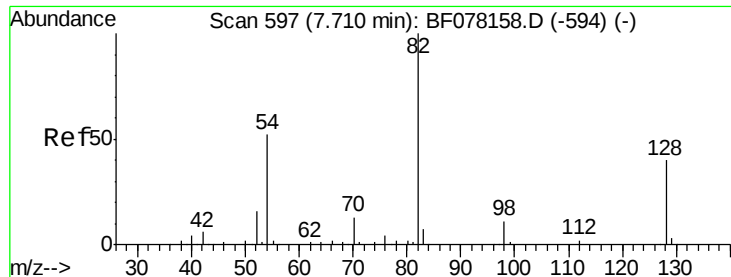
Abundance Ion 136.00 (135.70 to 136.70): E

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

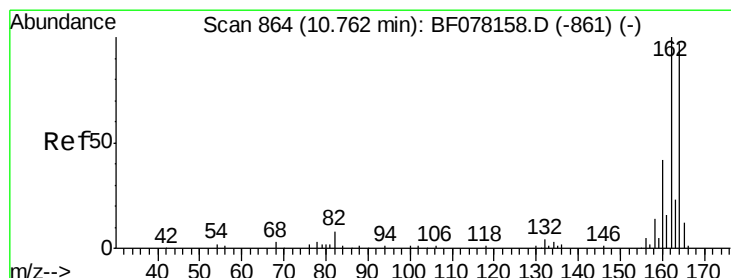
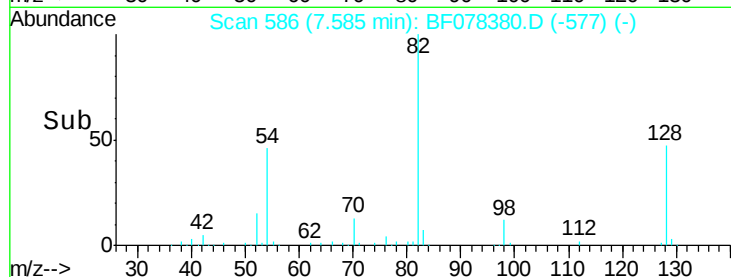
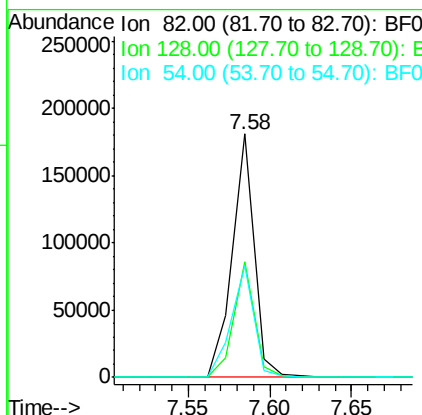
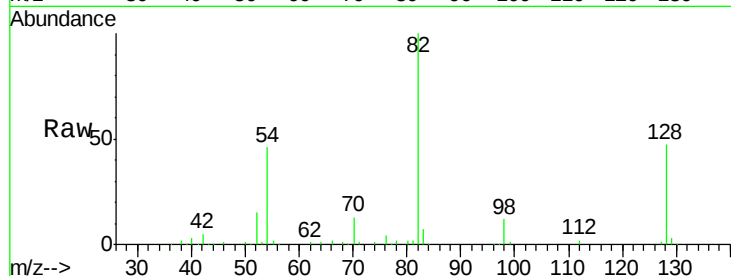




#23
 Nitrobenzene-d5
 Concen: 71.41 ng
 RT: 7.58 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF078380.D
 Acq: 10 Apr 2015 3:31

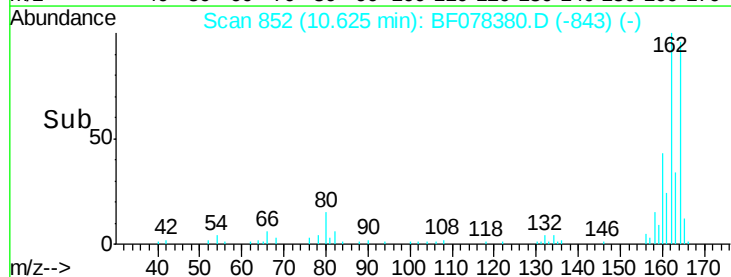
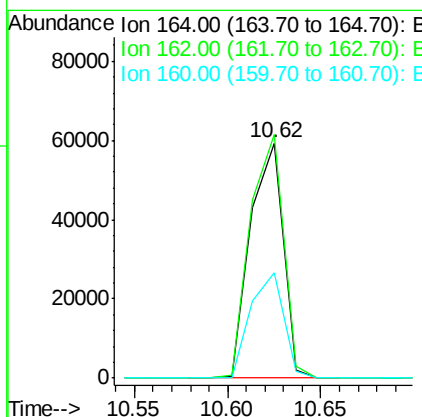
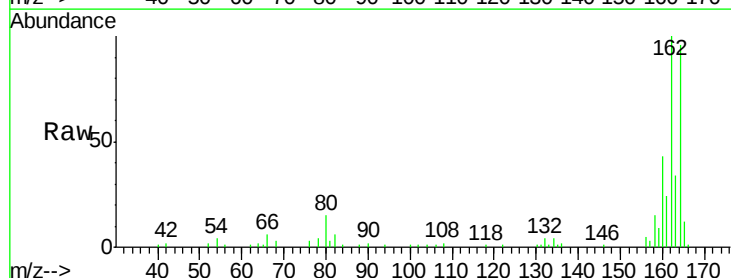
Instrument :
 BNA_F
 ClientSampled :
 SB05

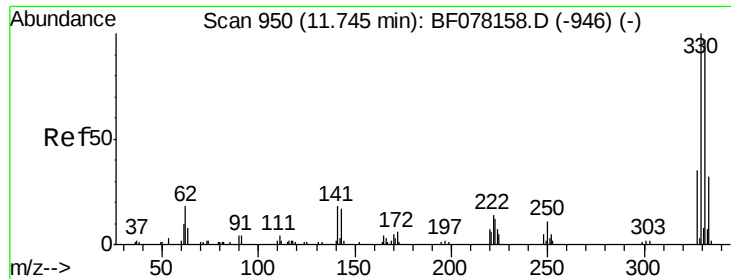
Tgt Ion: 82 Resp: 167730
 Ion Ratio Lower Upper
 82 100
 128 47.4 31.8 47.8
 54 45.9 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF078380.D
 Acq: 10 Apr 2015 3:31

Tgt Ion: 164 Resp: 71992
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.2 123.2
 160 44.9 34.7 52.1

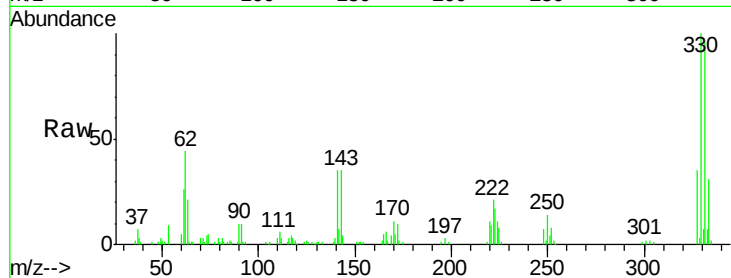




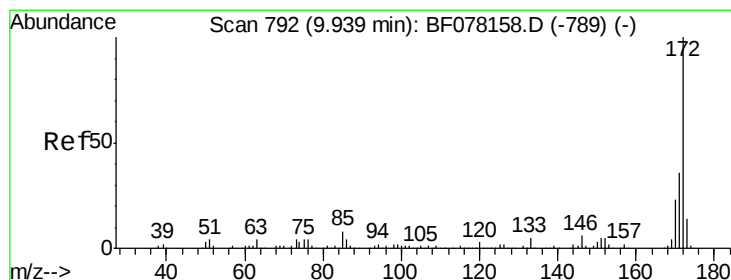
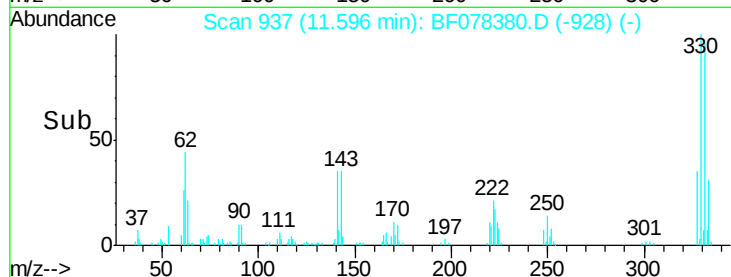
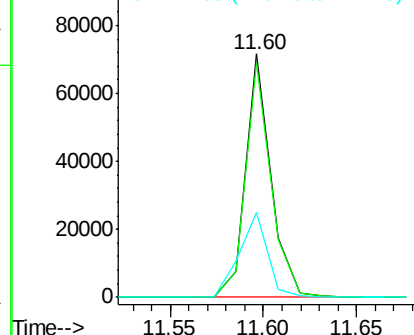
#41
 2,4,6-Tribromophenol
 Concen: 113.58 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF078380.D
 Acq: 10 Apr 2015 3:31

Instrument :
 BNA_F
 ClientSampleId :
 SB05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.6	117.8
141	39.0	31.2	46.8

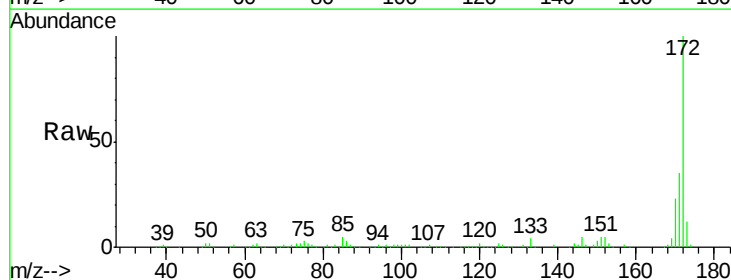


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

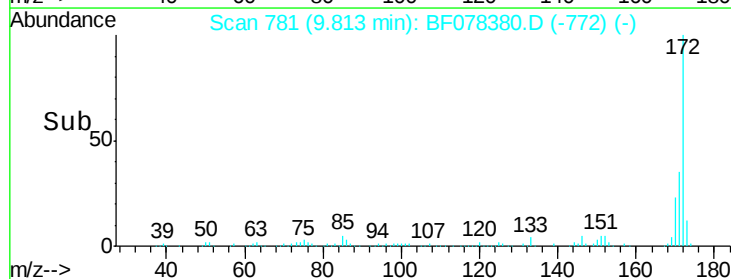
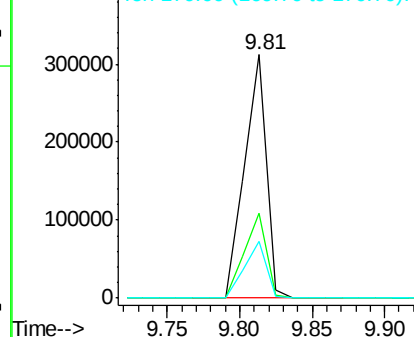


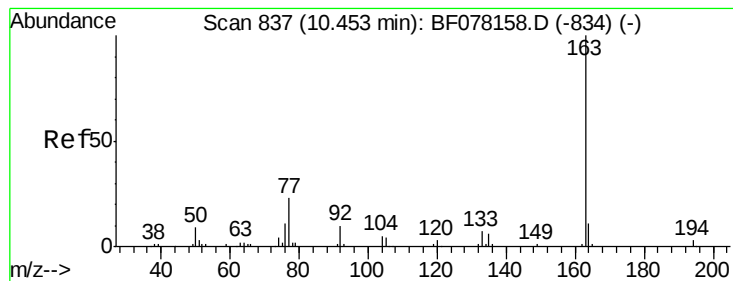
#44
 2-Fluorobiphenyl
 Concen: 64.66 ng
 RT: 9.81 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF078380.D
 Acq: 10 Apr 2015 3:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	23.3	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: 10.33 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF078380.D

Acq: 10 Apr 2015 3:31

Instrument :

BNA_F

ClientSampleId :

SB05

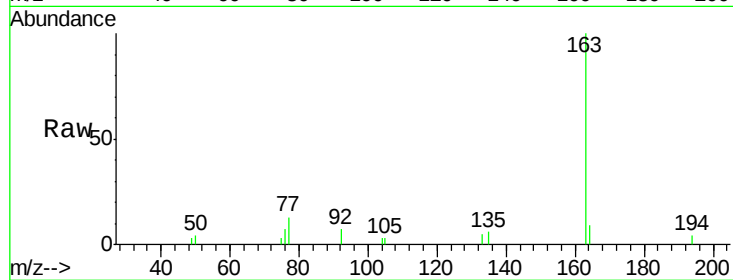
Tgt Ion:163 Resp: 16509

Ion Ratio Lower Upper

163 100

194 3.8 2.3 3.5#

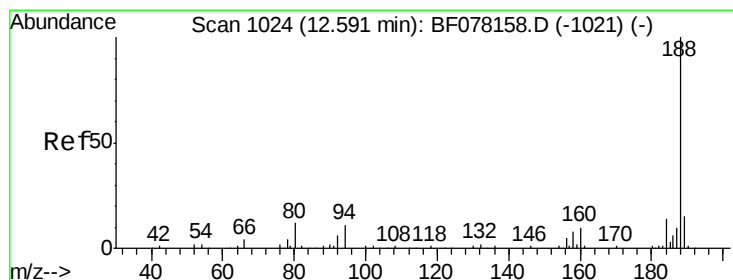
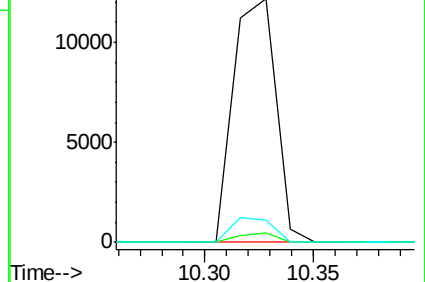
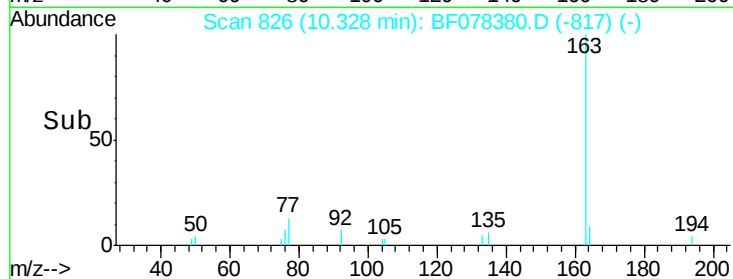
164 9.3 8.6 13.0



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: BF078380.D

Acq: 10 Apr 2015 3:31

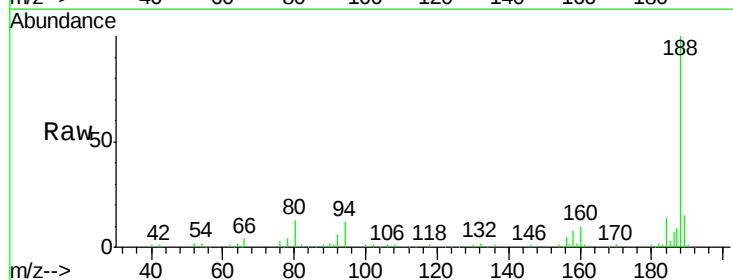
Tgt Ion:188 Resp: 135296

Ion Ratio Lower Upper

188 100

94 11.6 9.0 13.4

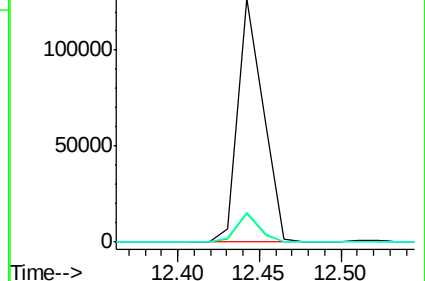
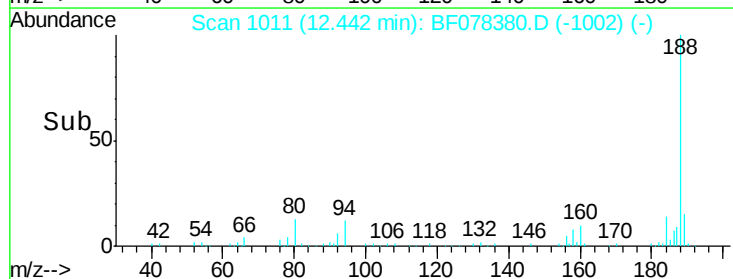
80 12.5 9.5 14.3

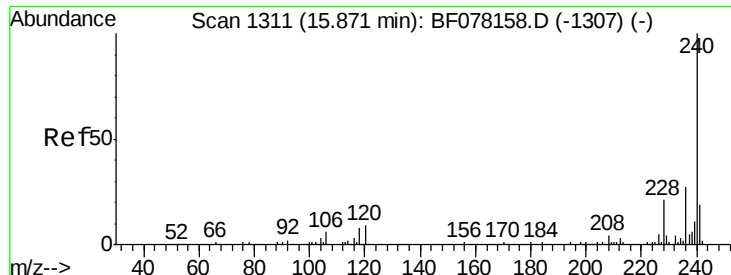


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

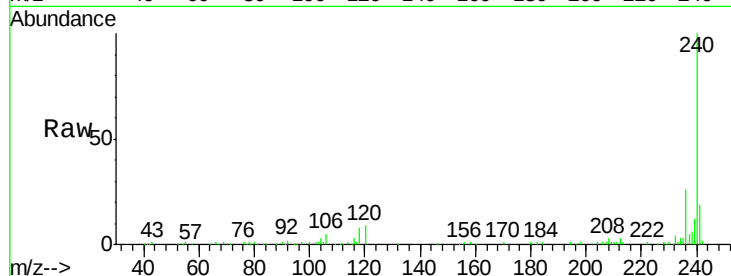




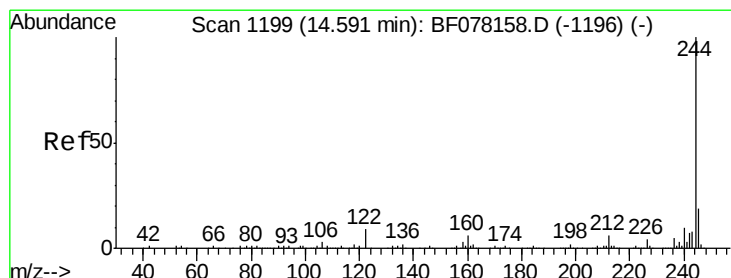
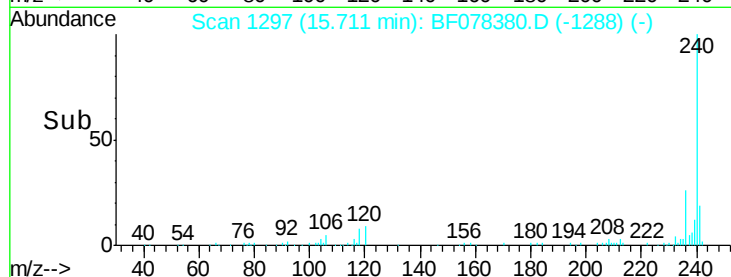
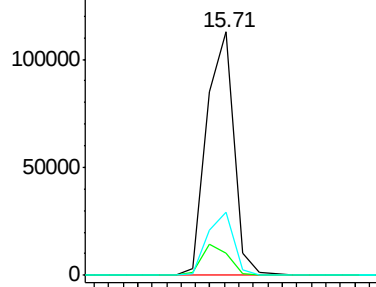
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF078380.D
 Acq: 10 Apr 2015 3:31

Instrument :
 BNA_F
 ClientSampleId :
 SB05

Tgt Ion: 240 Resp: 146364
 Ion Ratio Lower Upper
 240 100
 120 8.9 7.1 10.7
 236 25.8 21.4 32.2

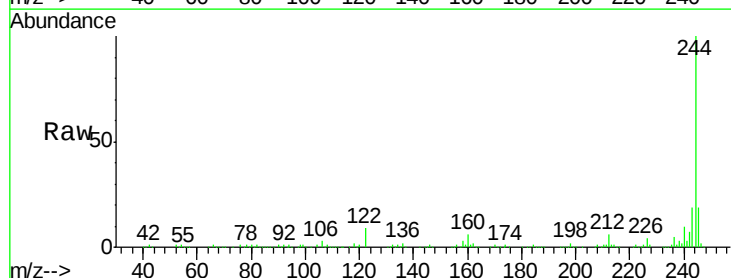


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

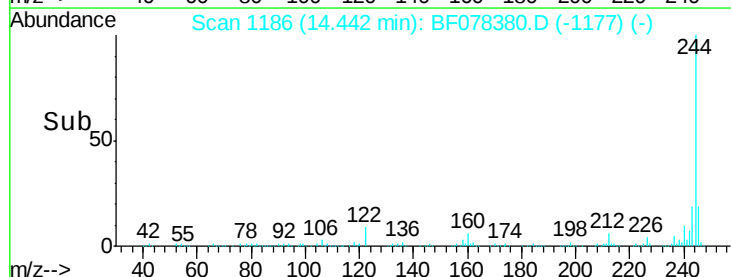
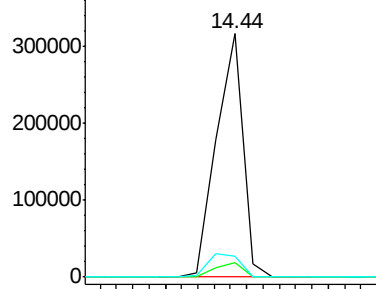


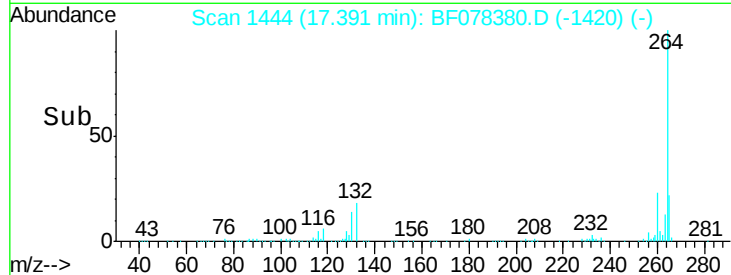
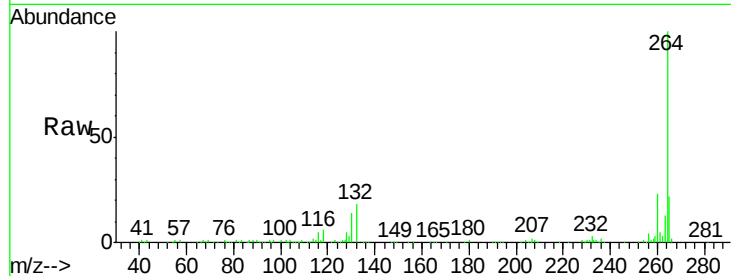
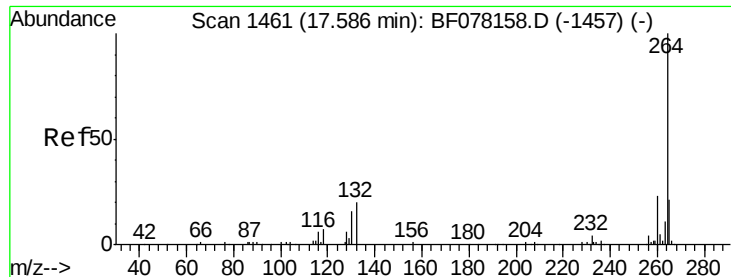
#78
 Terphenyl-d14
 Concen: 54.97 ng
 RT: 14.44 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF078380.D
 Acq: 10 Apr 2015 3:31

Tgt Ion: 244 Resp: 356037
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 8.5 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: 17.39 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF078380.D
Acq: 10 Apr 2015 3:31

Instrument :
BNA_F
ClientSampleId :
SB05

Tgt Ion:	264	Resp:	140572
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	27.8
265	21.5	17.0	25.6

