

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078377.D
 Acq On : 10 Apr 2015 2:05
 Operator : TP/IZ
 Sample : G1782-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB08(2)

Quant Time: Apr 10 02:05:35 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

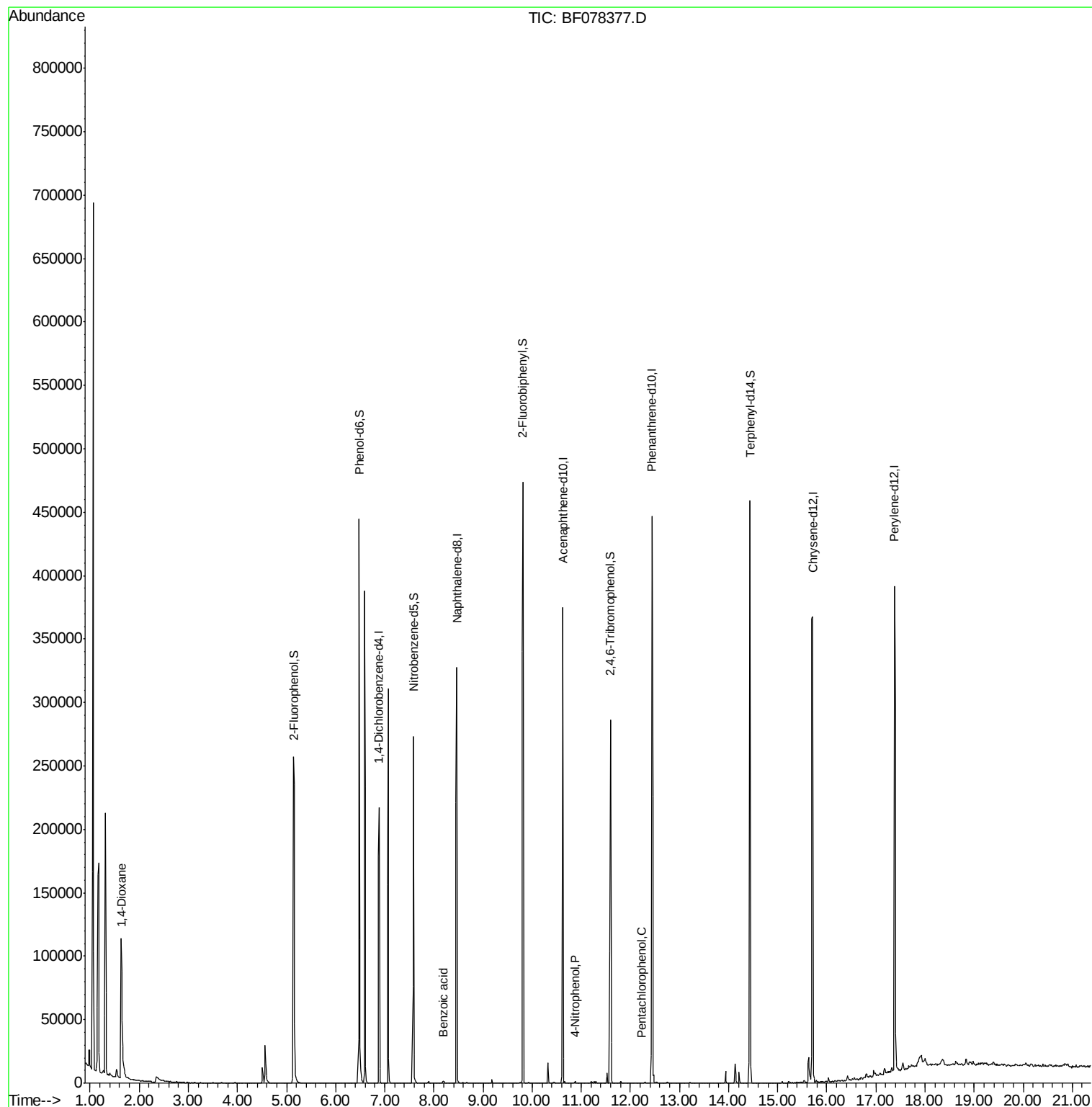
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	48986	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	200362	20.00	ng	0.00
38) Acenaphthene-d10	10.63	164	103346	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	199964	20.00	ng	0.00
75) Chrysene-d12	15.71	240	205277	20.00	ng	0.00
86) Perylene-d12	17.38	264	197524	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	119783	40.32	ng	0.01
7) Phenol-d6	6.48	99	164118	44.08	ng	0.00
23) Nitrobenzene-d5	7.58	82	94642	28.63	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	36215	42.25	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	207866	28.75	ng	0.00
78) Terphenyl-d14	14.44	244	242032	26.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.64	88	5326	3.96	ng	# 23
32) Benzoic acid	8.19	122	558	6.13	ng	89
55) 4-Nitrophenol	10.88	139	300	2.98	ng	# 65
69) Pentachlorophenol	12.24	266	489	8.19	ng	# 19

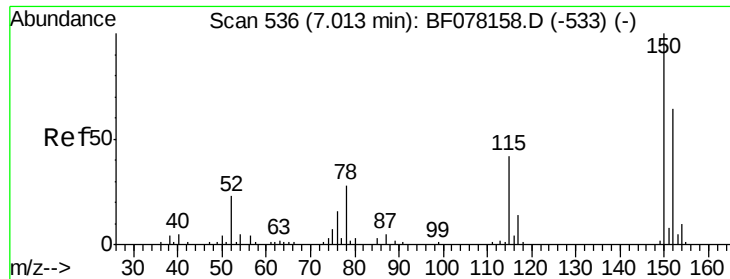
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
Data File : BF078377.D
Acq On : 10 Apr 2015 2:05
Operator : TP/IZ
Sample : G1782-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB08(2)

Quant Time: Apr 10 02:05:35 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF078377.D

Acq: 10 Apr 2015 2:05

Instrument :

BNA_F

ClientSampleId :

SB08(2)

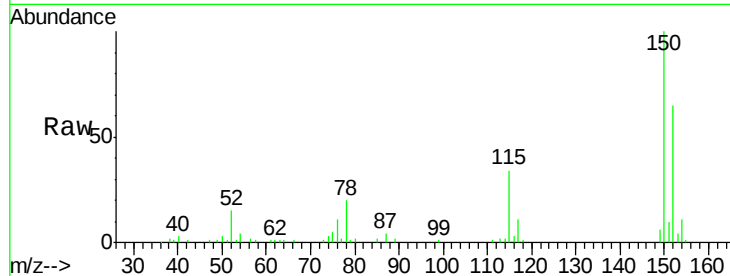
Tgt Ion:152 Resp: 48986

Ion Ratio Lower Upper

152 100

150 153.1 125.9 188.9

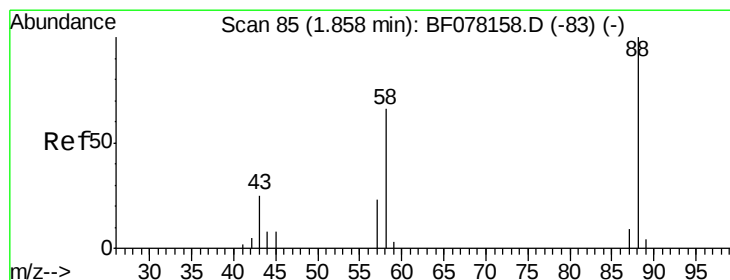
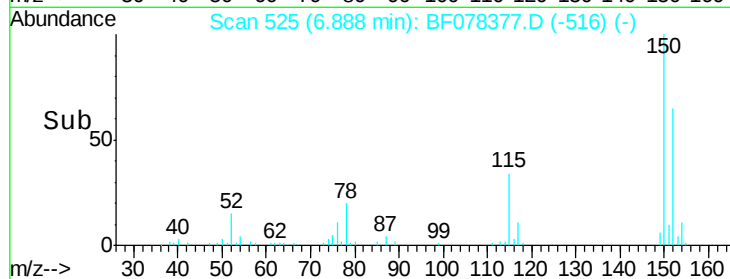
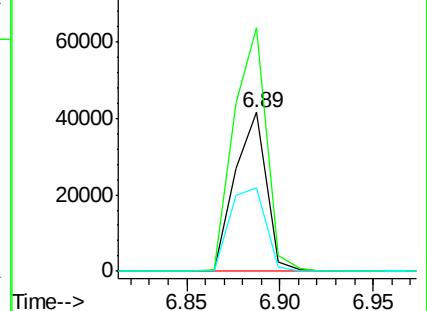
115 52.6 52.7 79.1#



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: 3.96 ng

RT: 1.64 min Scan# 66

Delta R.T. -0.05 min

Lab File: BF078377.D

Acq: 10 Apr 2015 2:05

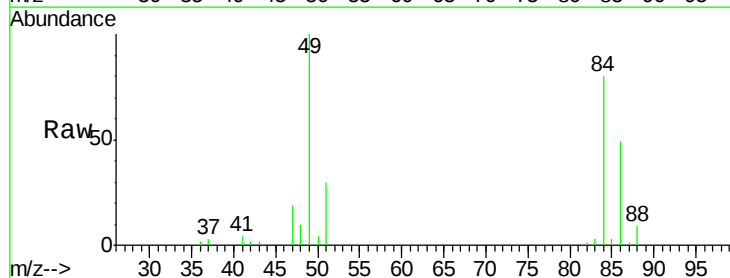
Tgt Ion: 88 Resp: 5326

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

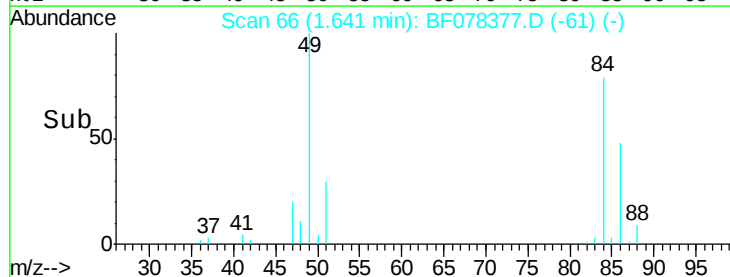
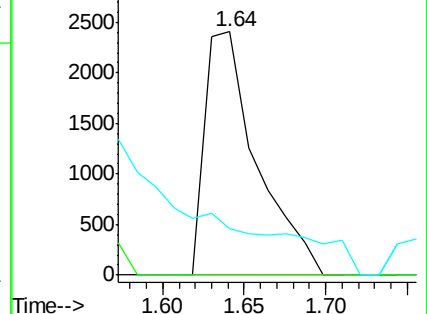
43 0.0 21.4 32.2#

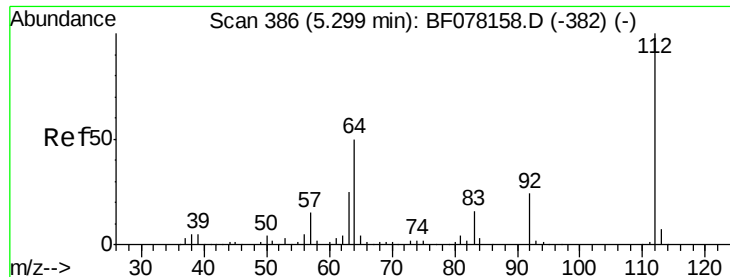


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

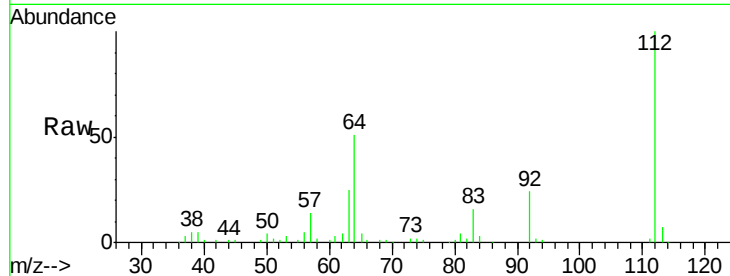




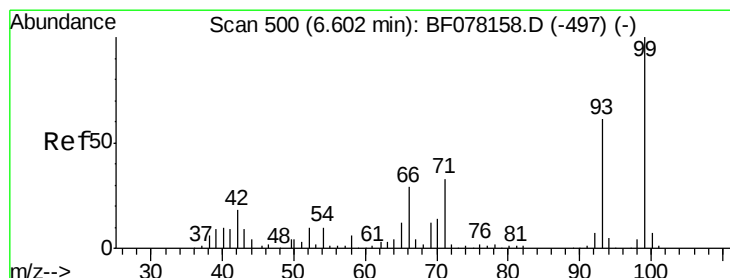
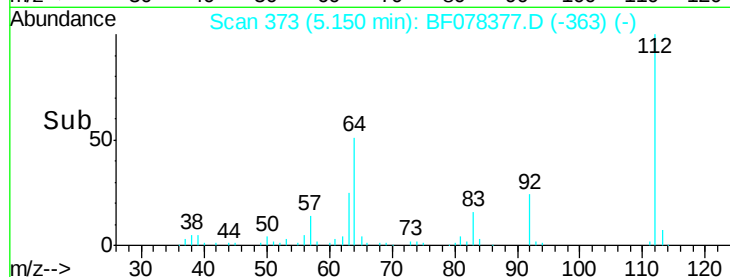
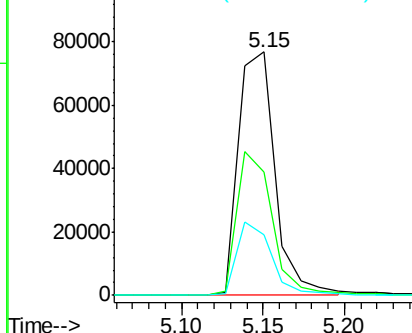
#5
 2-Fluorophenol
 Concen: 40.32 ng
 RT: 5.15 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: BF078377.D
 Acq: 10 Apr 2015 2:05

Instrument :
 BNA_F
 ClientSampleID :
 SB08(2)

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	39.9	59.9
63	24.9	20.2	30.4

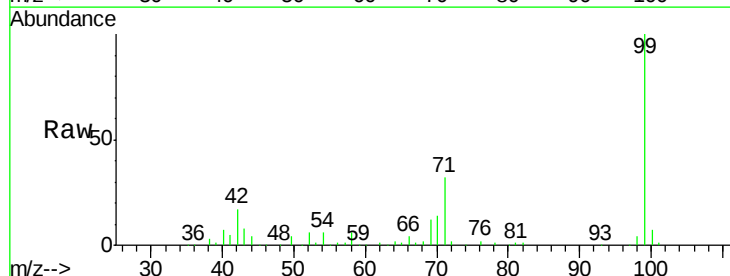


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

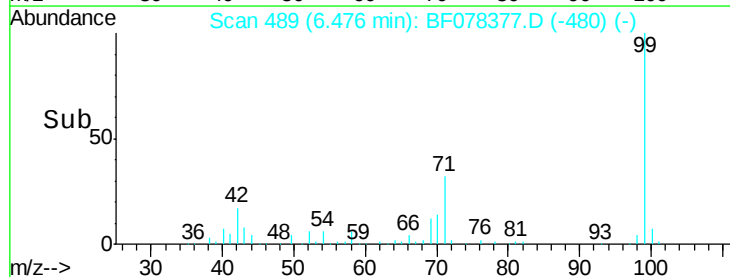
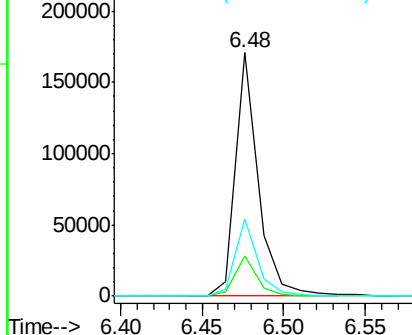


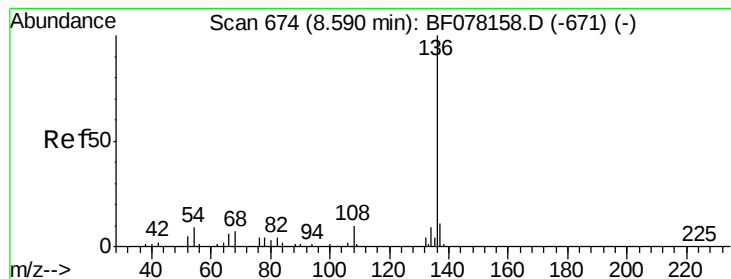
#7
 Phenol-d6
 Concen: 44.08 ng
 RT: 6.48 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF078377.D
 Acq: 10 Apr 2015 2:05

Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.8	22.2
71	31.7	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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078377.D

Acq: 10 Apr 2015 2:05

Instrument :

BNA_F

ClientSampleId :

SB08(2)

Tgt Ion: 136 Resp: 200362

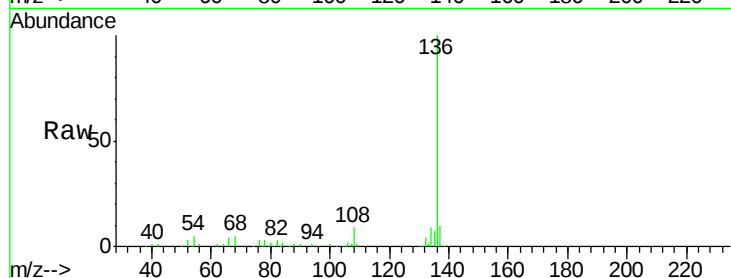
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 5.2 7.0 10.6#

68 4.5 5.4 8.2#

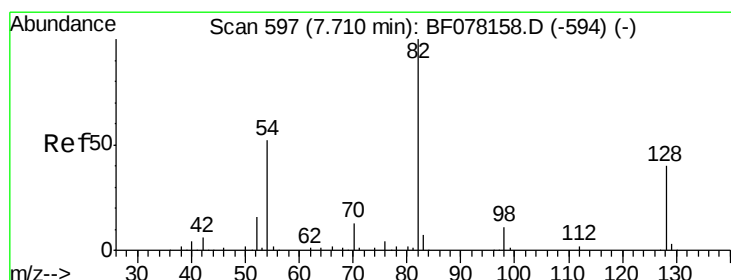
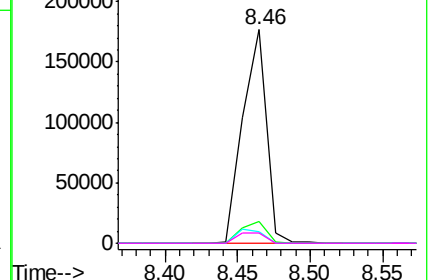
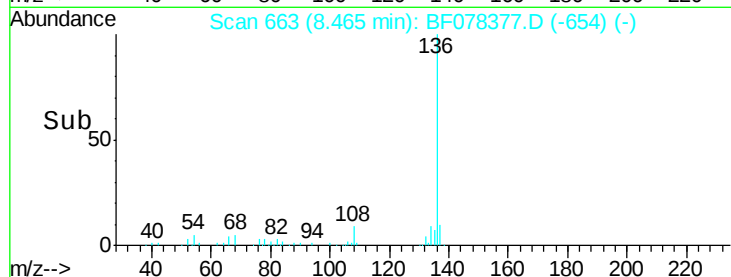


Abundance Ion 136.00 (135.70 to 136.70): E

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: 28.63 ng

RT: 7.58 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF078377.D

Acq: 10 Apr 2015 2:05

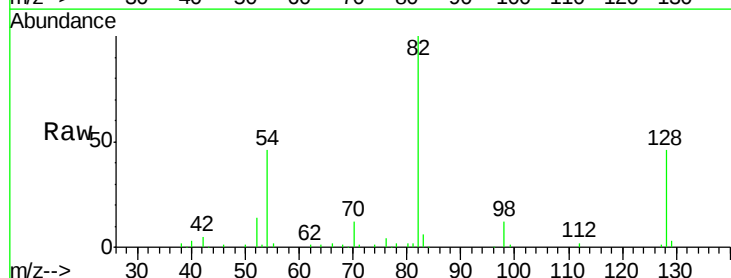
Tgt Ion: 82 Resp: 94642

Ion Ratio Lower Upper

82 100

128 46.1 31.8 47.8

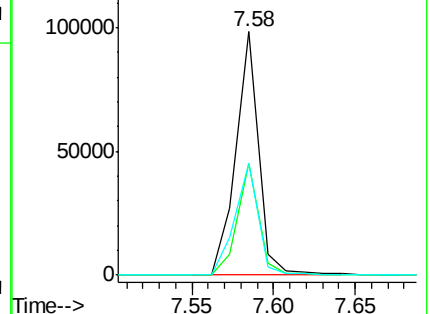
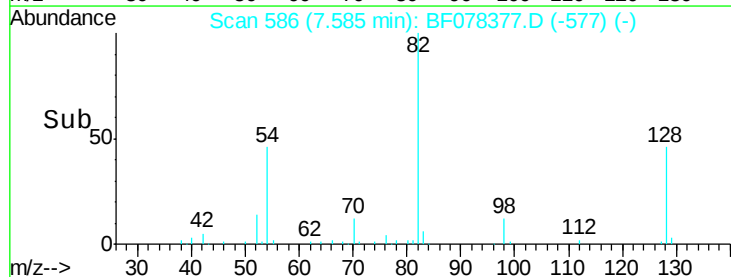
54 45.7 41.5 62.3

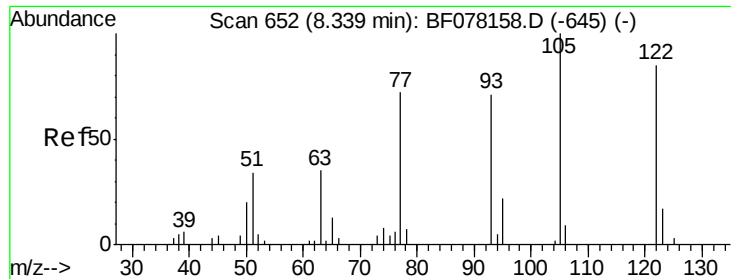


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 6.13 ng

RT: 8.19 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF078377.D

Acq: 10 Apr 2015 2:05

Instrument :

BNA_F

ClientSampleId :

SB08(2)

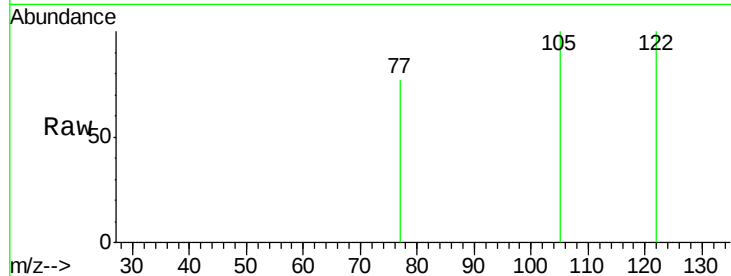
Tgt Ion:122 Resp: 558

Ion Ratio Lower Upper

122 100

105 100.5 96.1 136.1

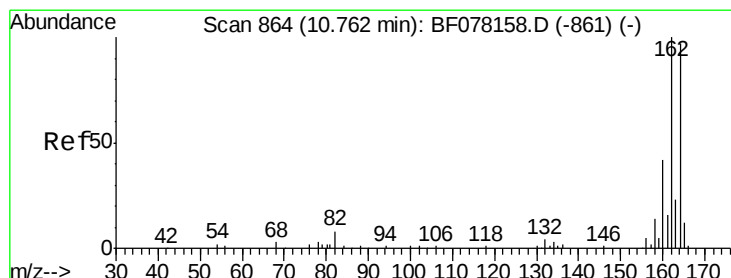
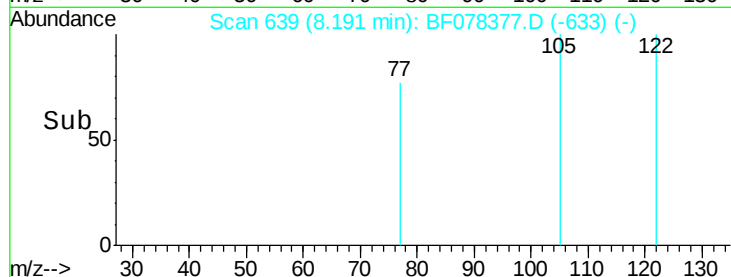
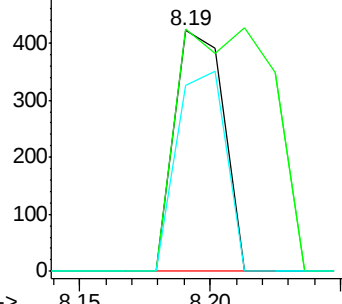
77 77.3 64.1 104.1



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.63 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF078377.D

Acq: 10 Apr 2015 2:05

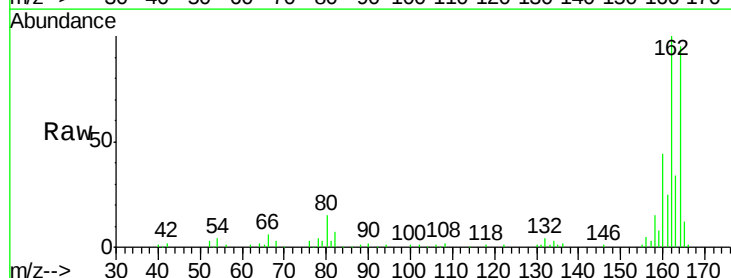
Tgt Ion:164 Resp: 103346

Ion Ratio Lower Upper

164 100

162 105.7 82.2 123.2

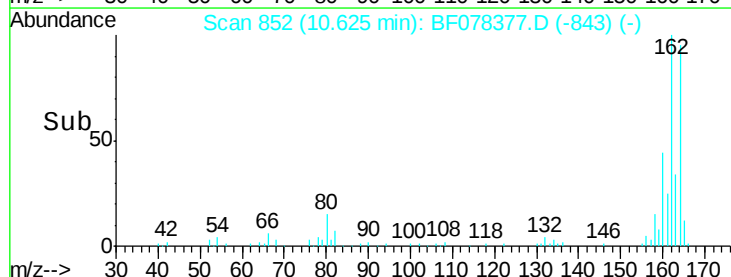
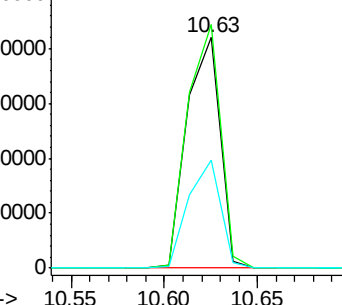
160 46.7 34.7 52.1

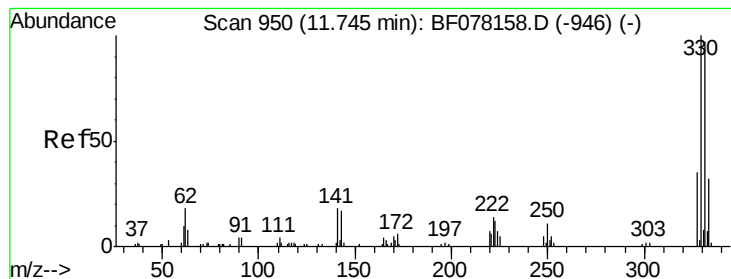


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

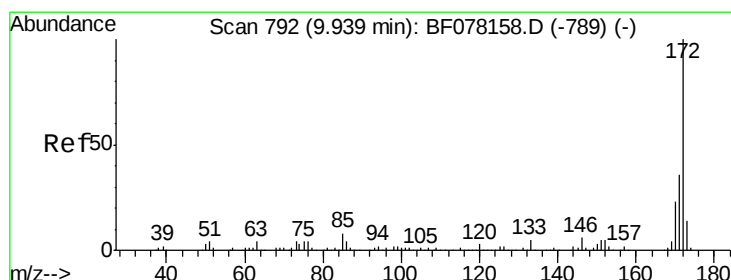
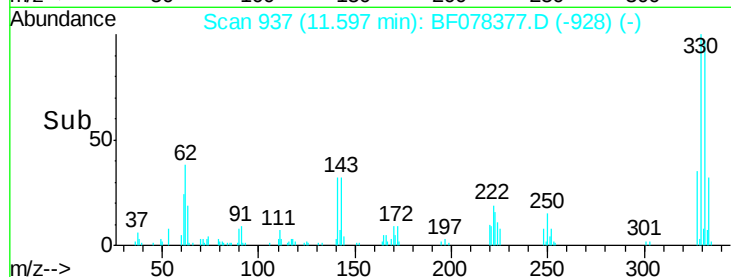
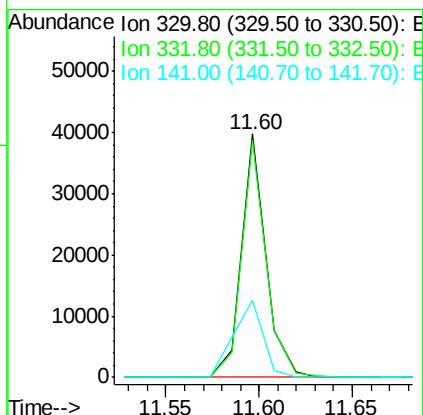
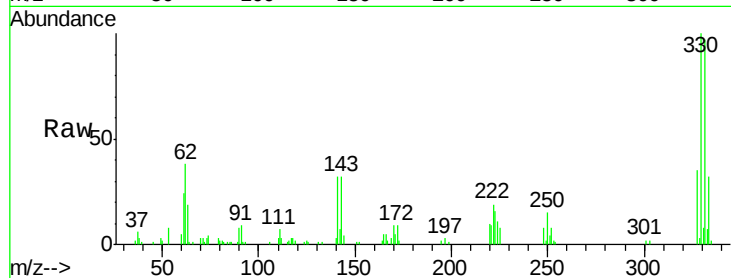




#41
 2,4,6-Tribromophenol
 Concen: 42.25 ng
 RT: 11.60 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF078377.D
 Acq: 10 Apr 2015 2:05

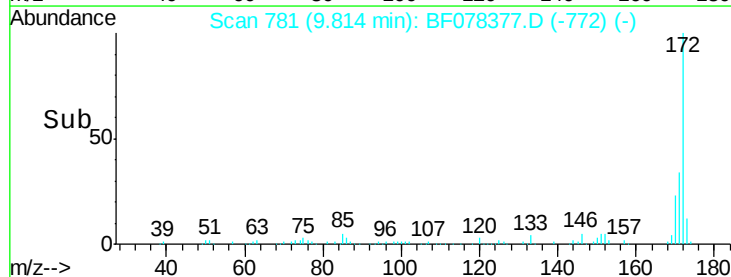
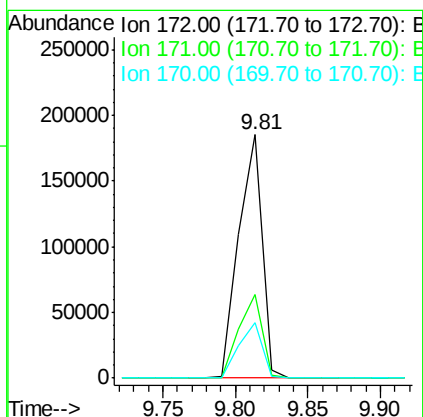
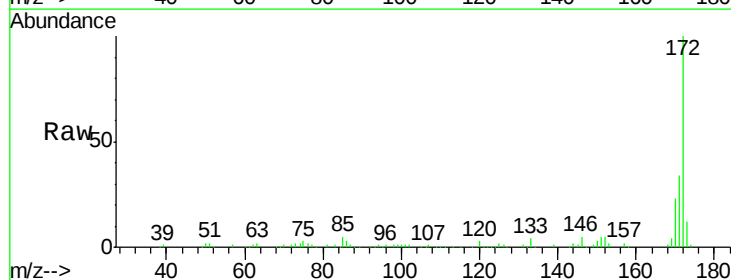
Instrument :
 BNA_F
 ClientSampleId :
 SB08(2)

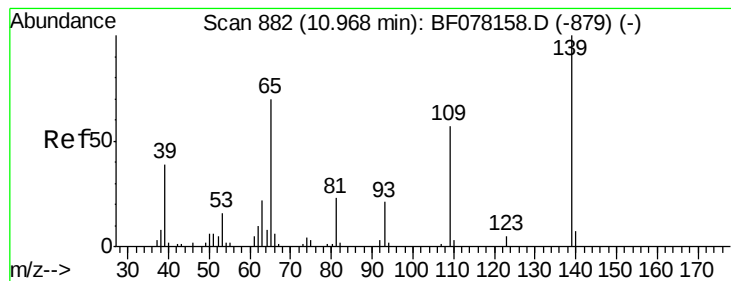
Tgt Ion: 330 Resp: 36215
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.6 117.8
 141 38.4 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 28.75 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF078377.D
 Acq: 10 Apr 2015 2:05

Tgt Ion: 172 Resp: 207866
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 42.8
 170 23.0 18.5 27.7





#55

4-Nitrophenol

Concen: 2.98 ng

RT: 10.88 min Scan# 874

Delta R.T. 0.05 min

Lab File: BF078377.D

Acq: 10 Apr 2015 2:05

Instrument :

BNA_F

ClientSampleId :

SB08(2)

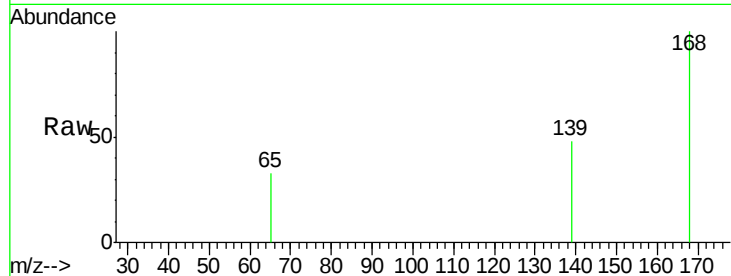
Tgt Ion:139 Resp: 300

Ion Ratio Lower Upper

139 100

109 0.0 36.7 76.7#

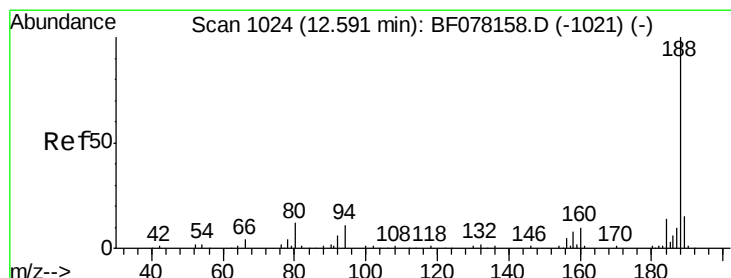
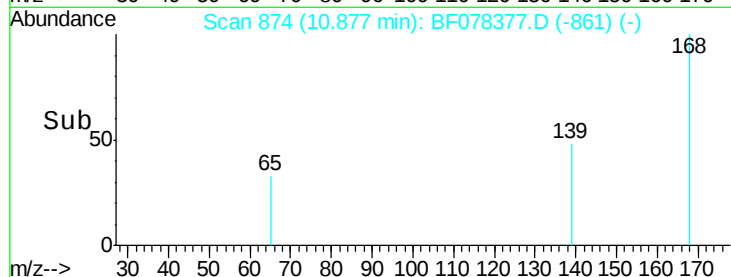
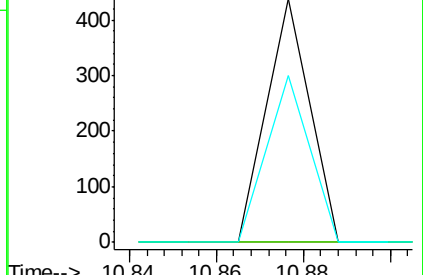
65 68.7 49.9 89.9



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: 12.44 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF078377.D

Acq: 10 Apr 2015 2:05

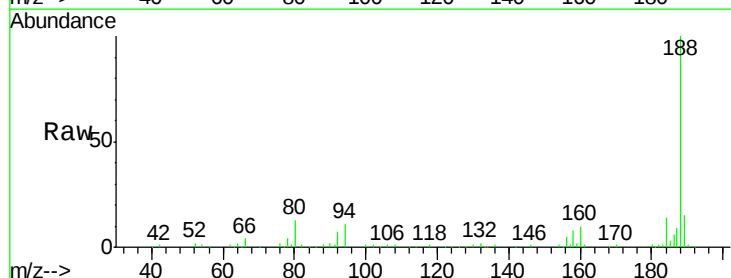
Tgt Ion:188 Resp: 199964

Ion Ratio Lower Upper

188 100

94 11.5 9.0 13.4

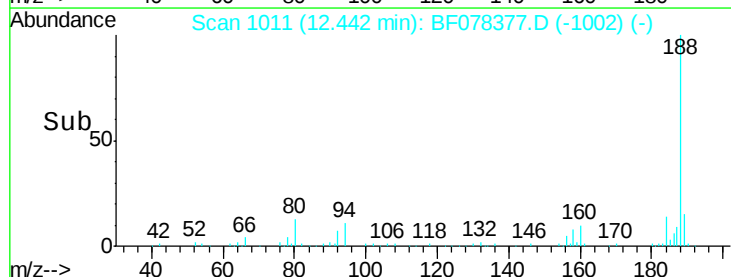
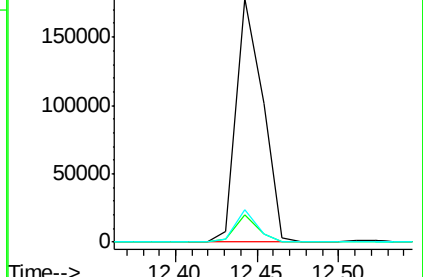
80 13.2 9.5 14.3

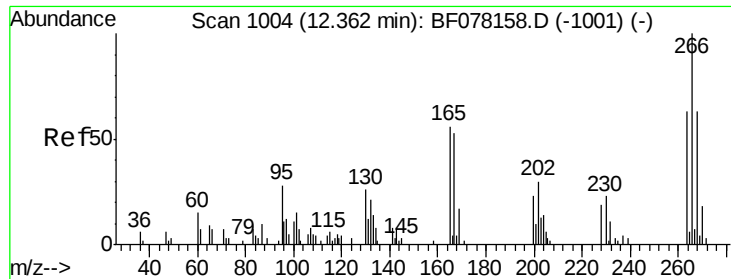


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

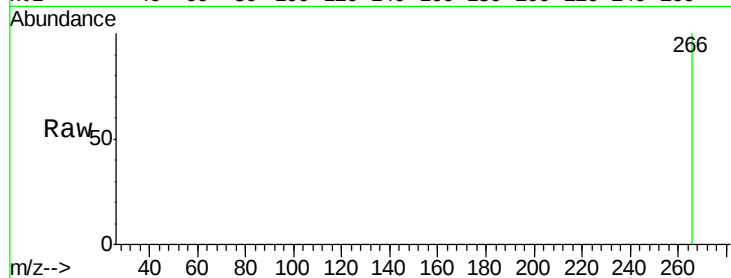




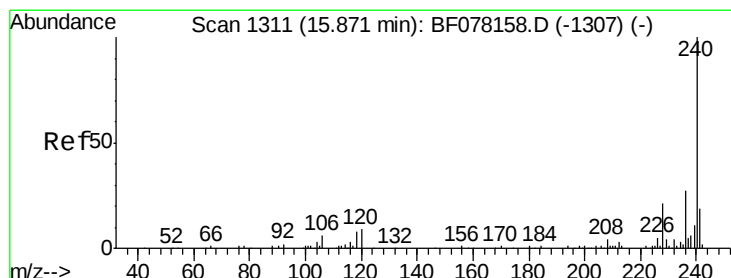
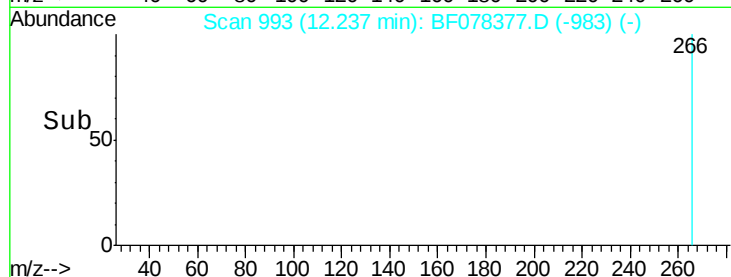
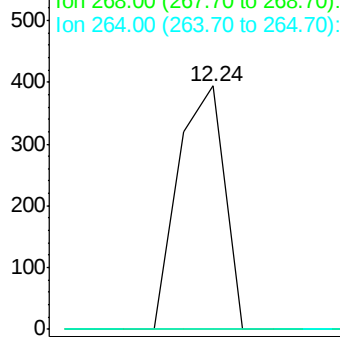
#69
 Pentachlorophenol
 Concen: 8.19 ng
 RT: 12.24 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF078377.D
 Acq: 10 Apr 2015 2:05

Instrument :
 BNA_F
 ClientSampleId :
 SB08(2)

Tgt Ion: 266 Resp: 489
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.1 75.1#
 264 0.0 50.0 75.0#

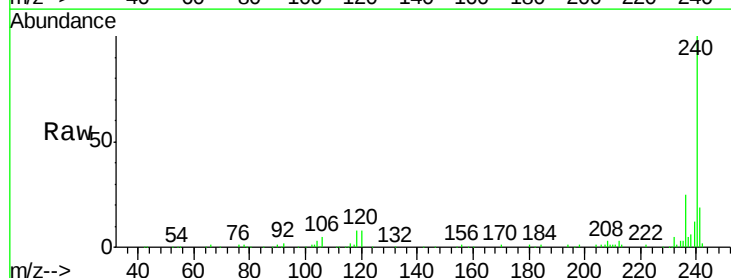


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

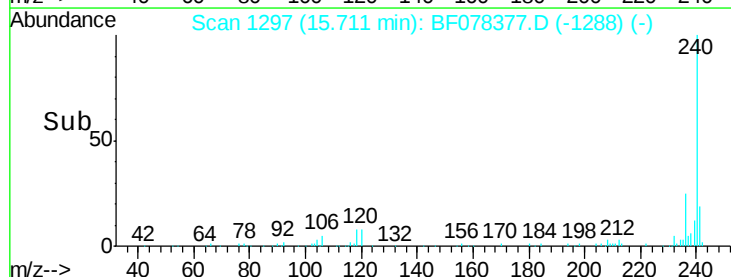
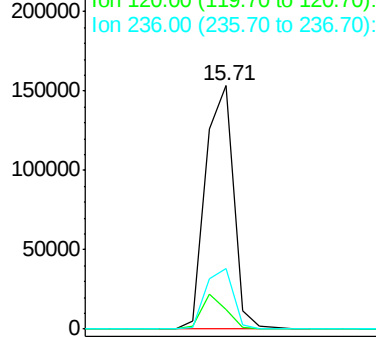


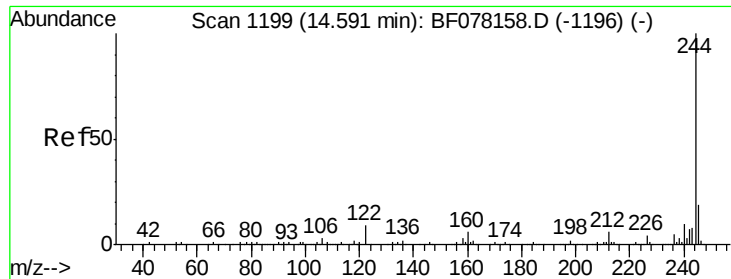
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF078377.D
 Acq: 10 Apr 2015 2:05

Tgt Ion: 240 Resp: 205277
 Ion Ratio Lower Upper
 240 100
 120 8.0 7.1 10.7
 236 25.1 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

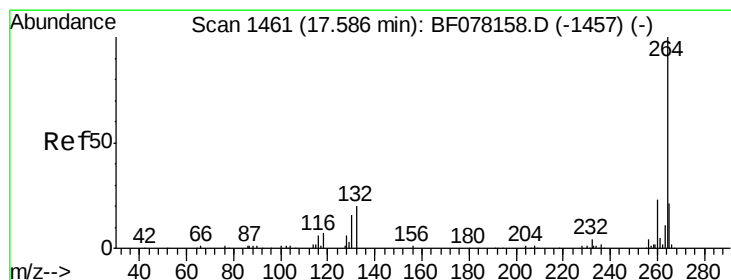
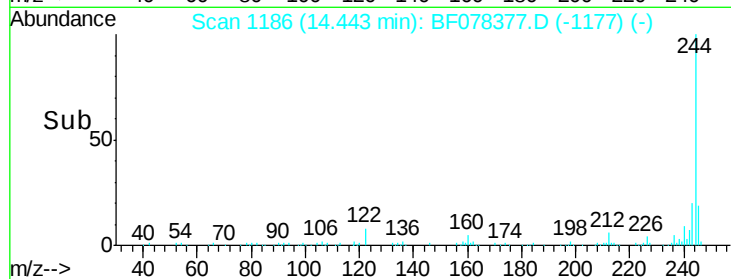
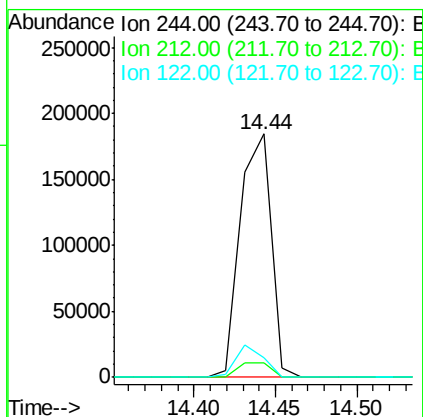
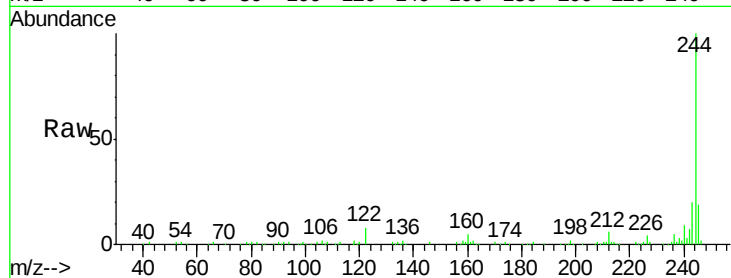




#78
 Terphenyl-d14
 Concen: 26.64 ng
 RT: 14.44 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF078377.D
 Acq: 10 Apr 2015 2:05

Instrument :
 BNA_F
 ClientSampleId :
 SB08(2)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.0	7.4
122	8.0	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.38 min Scan# 1443
 Delta R.T. -0.03 min
 Lab File: BF078377.D
 Acq: 10 Apr 2015 2:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.3	17.0	25.6

