

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078383.D
 Acq On : 10 Apr 2015 4:57
 Operator : TP/IZ
 Sample : G1782-26
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB13(2)

Quant Time: Apr 10 04:41:47 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

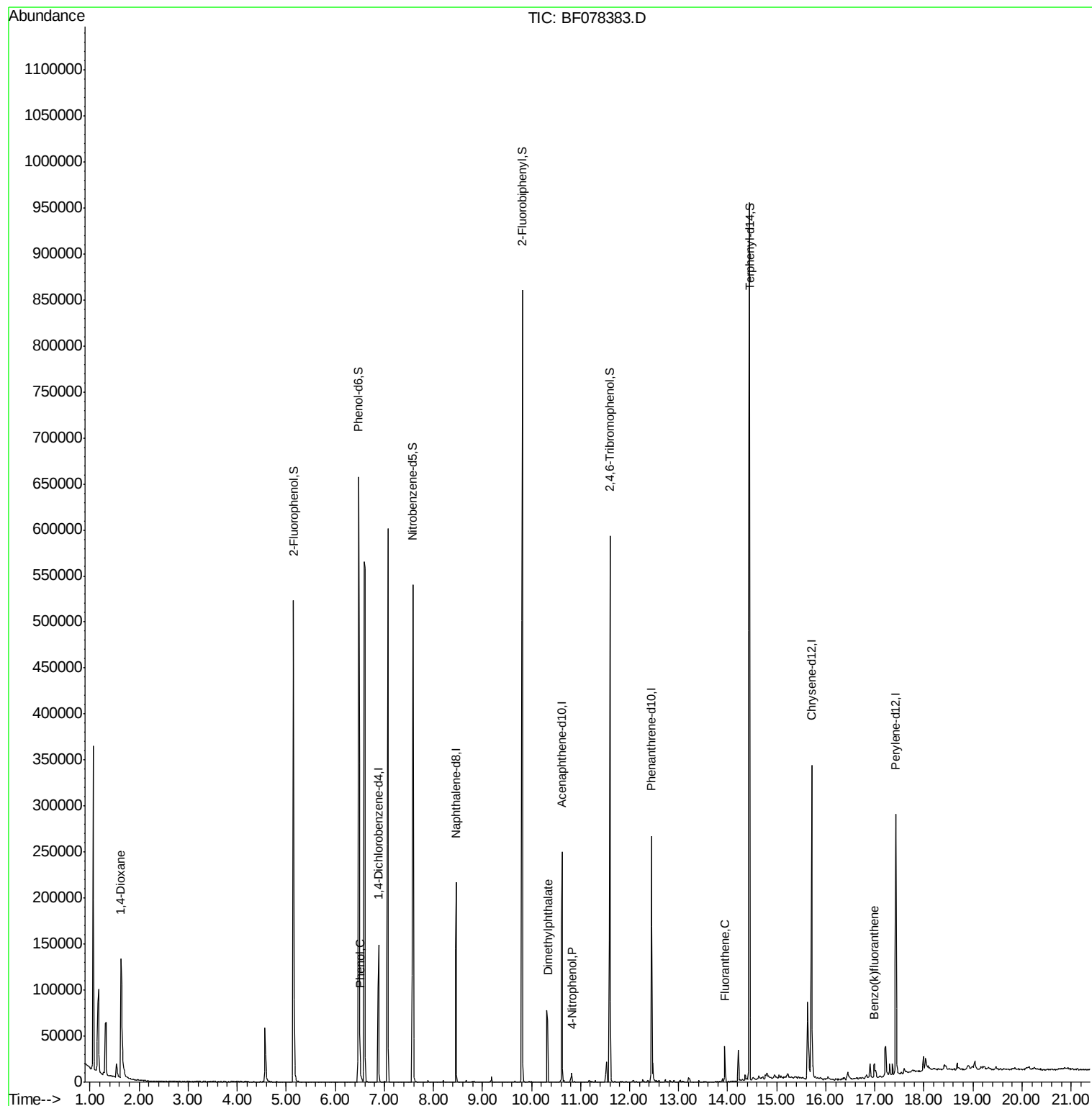
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	31858	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	133952	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	67638	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	129606	20.00	ng	0.00
75) Chrysene-d12	15.71	240	136175	20.00	ng	0.00
86) Perylene-d12	17.43	264	129190	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	229647	118.85	ng	0.01
7) Phenol-d6	6.48	99	287047	118.54	ng	0.00
23) Nitrobenzene-d5	7.58	82	172573	78.09	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	71280	127.07	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	343709	72.64	ng	0.00
78) Terphenyl-d14	14.44	244	380103	63.07	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.63	88	6430	7.36	ng	# 23
10) Phenol	6.50	94	6117	2.11	ng	90
49) Dimethylphthalate	10.33	163	50738	9.98	ng	# 98
55) 4-Nitrophenol	10.82	139	246	3.04	ng	# 18
74) Fluoranthene	13.94	202	18855	2.38	ng	94
88) Benzo(k)fluoranthene	16.99	252	15211	2.14	ng	96

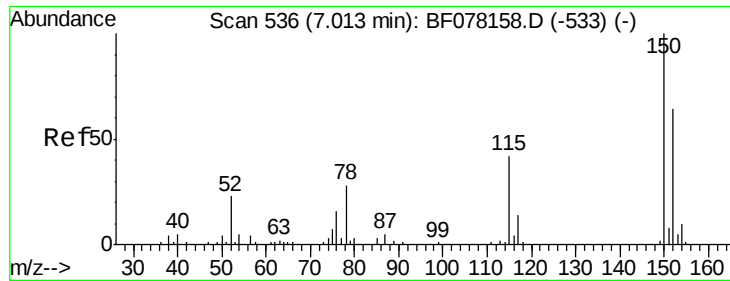
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078383.D

Acq: 10 Apr 2015 4:57

Instrument :

BNA_F

ClientSampleId :

SB13(2)

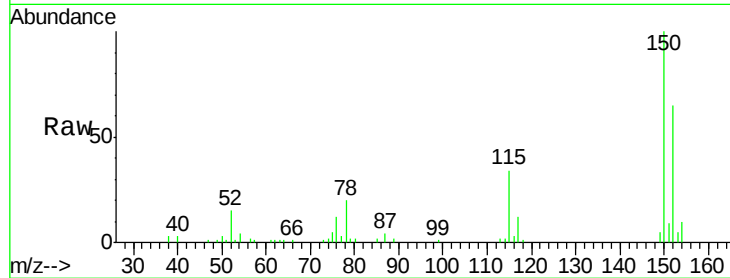
Tgt Ion:152 Resp: 31858

Ion Ratio Lower Upper

152 100

150 153.1 125.9 188.9

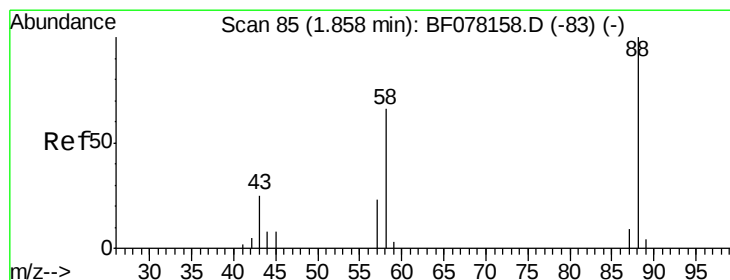
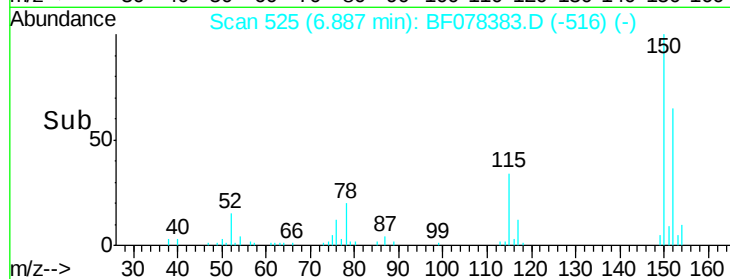
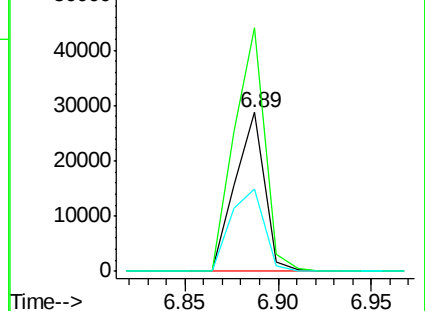
115 52.1 52.7 79.1#



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: 7.36 ng

RT: 1.63 min Scan# 65

Delta R.T. -0.06 min

Lab File: BF078383.D

Acq: 10 Apr 2015 4:57

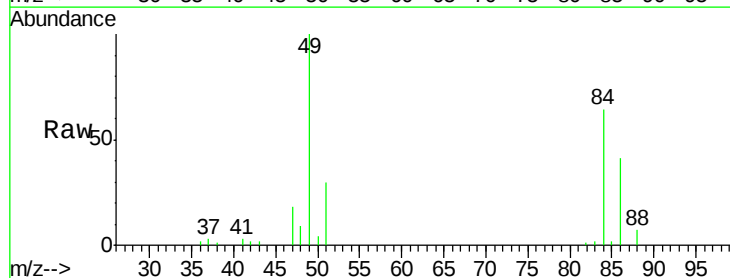
Tgt Ion: 88 Resp: 6430

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

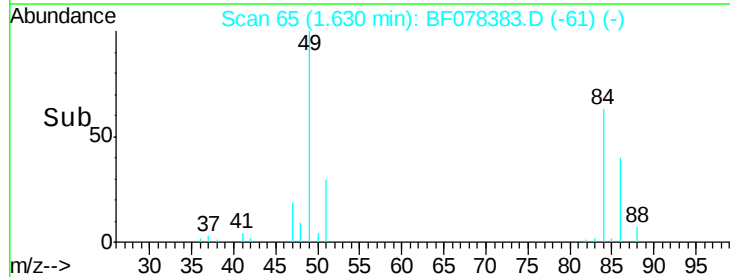
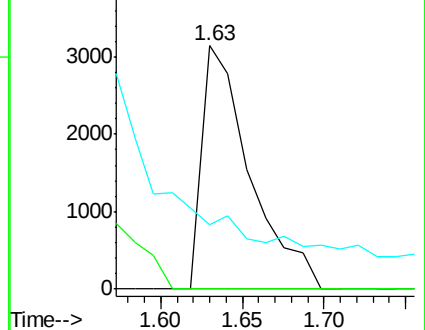
43 0.0 21.4 32.2#

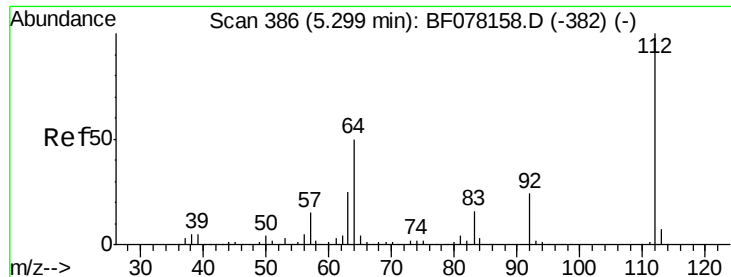


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

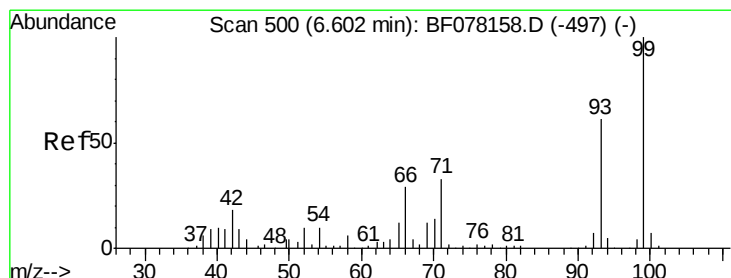
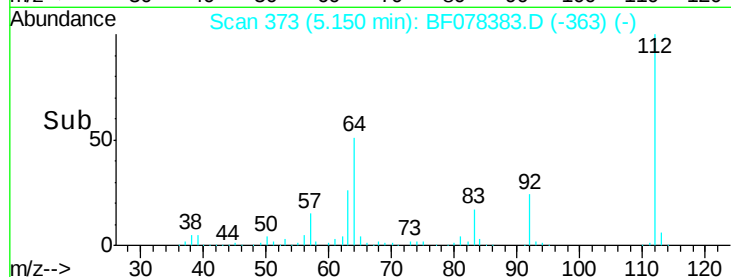
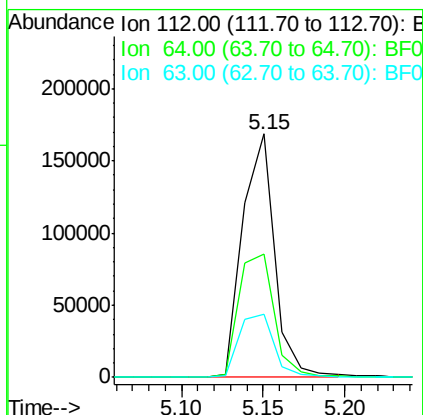
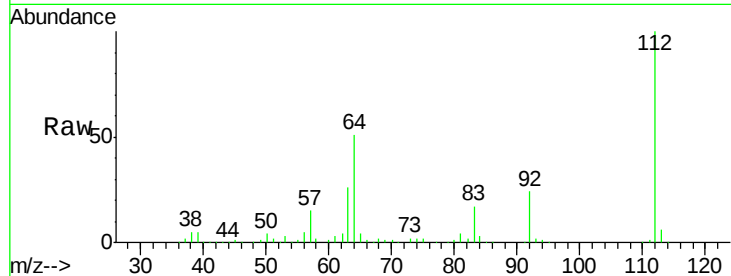




#5
 2-Fluorophenol
 Concen: 118.85 ng
 RT: 5.15 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: BF078383.D
 Acq: 10 Apr 2015 4:57

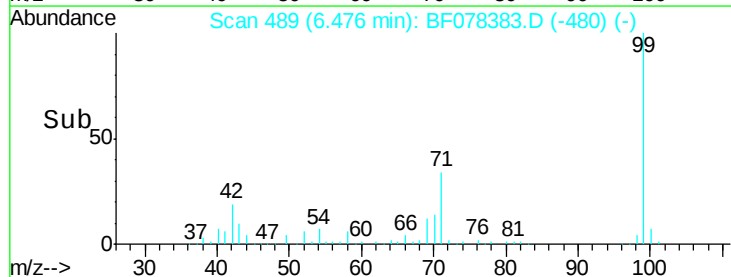
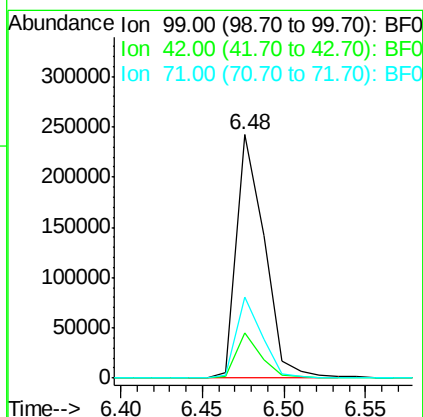
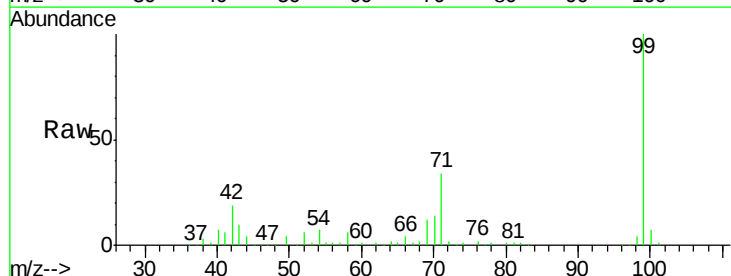
Instrument :
 BNA_F
 ClientSampleId :
 SB13(2)

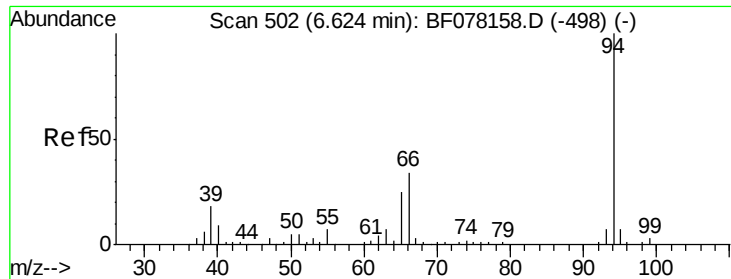
Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	39.9	59.9
63	25.7	20.2	30.4



#7
 Phenol-d6
 Concen: 118.54 ng
 RT: 6.48 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF078383.D
 Acq: 10 Apr 2015 4:57

Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.8	22.2
71	33.6	26.6	39.8

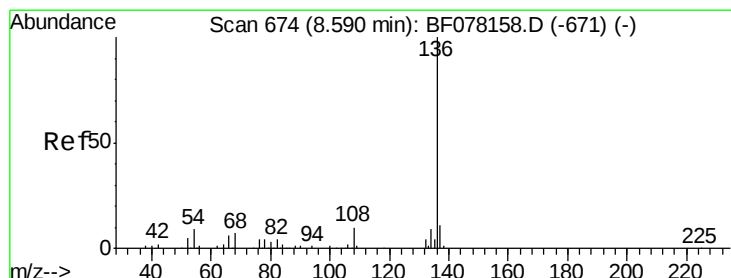
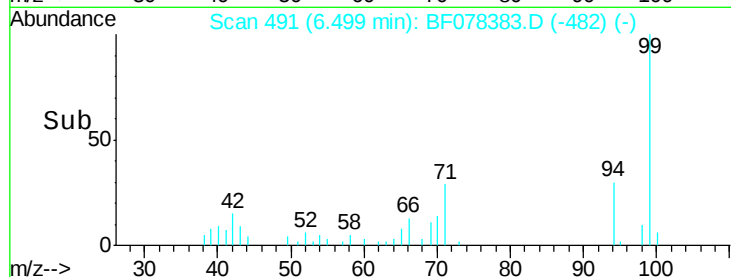
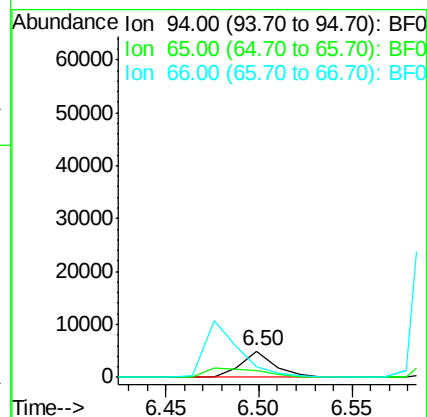
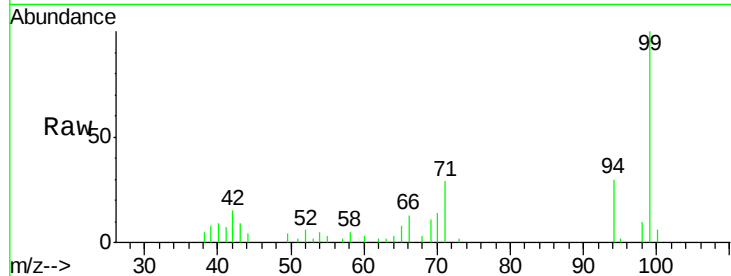




#10
Phenol
Concen: 2.11 ng
RT: 6.50 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF078383.D
Acq: 10 Apr 2015 4:57

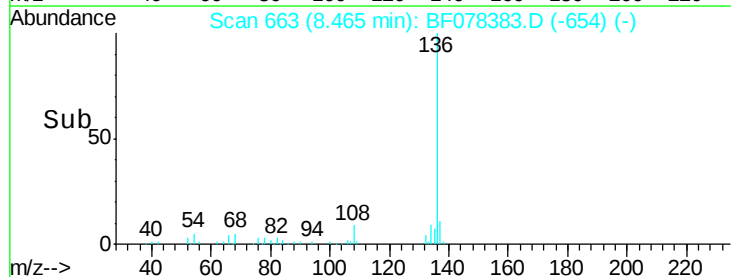
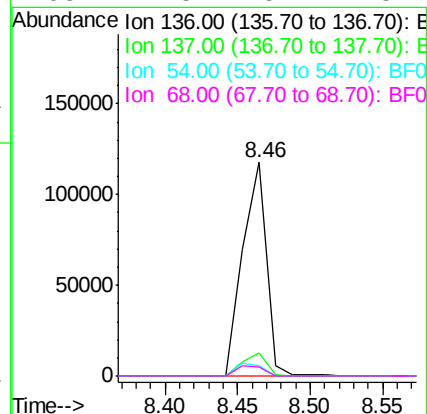
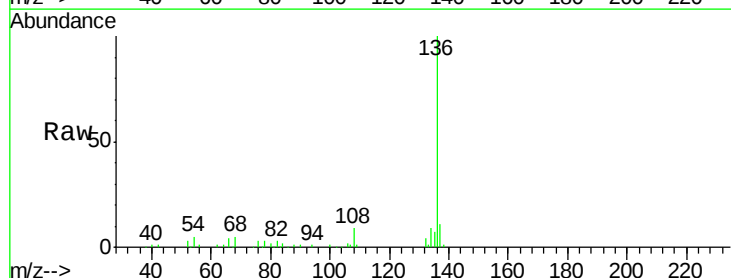
Instrument :
BNA_F
ClientSampled :
SB13(2)

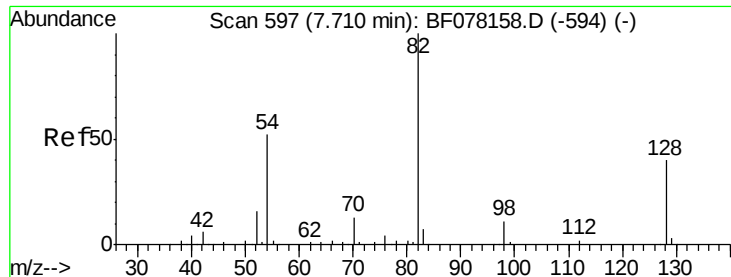
Tgt Ion: 94 Resp: 6117
Ion Ratio Lower Upper
94 100
65 26.7 4.9 44.9
66 41.9 13.8 53.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.46 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF078383.D
Acq: 10 Apr 2015 4:57

Tgt Ion: 136 Resp: 133952
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 5.0 7.0 10.6#
68 4.5 5.4 8.2#

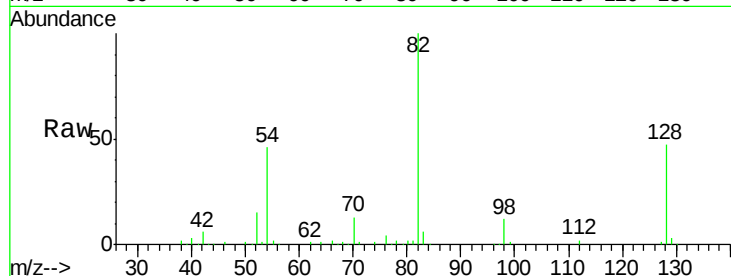




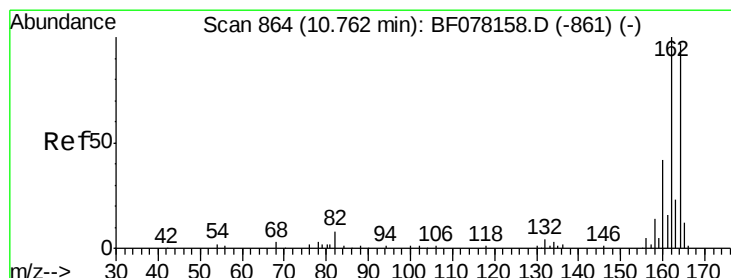
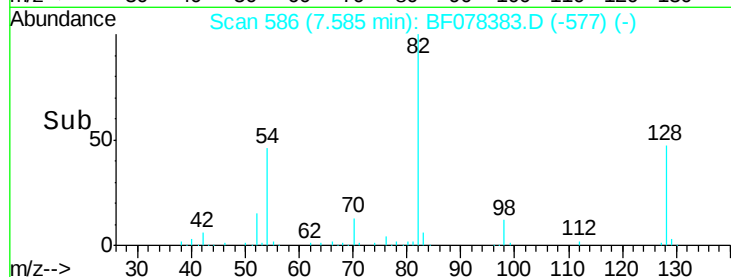
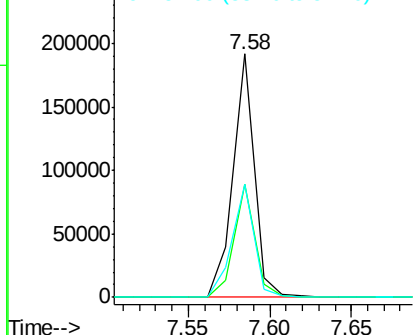
#23
 Nitrobenzene-d5
 Concen: 78.09 ng
 RT: 7.58 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF078383.D
 Acq: 10 Apr 2015 4:57

Instrument :
 BNA_F
 ClientSampleId :
 SB13(2)

Tgt Ion: 82 Resp: 172573
 Ion Ratio Lower Upper
 82 100
 128 46.7 31.8 47.8
 54 46.5 41.5 62.3

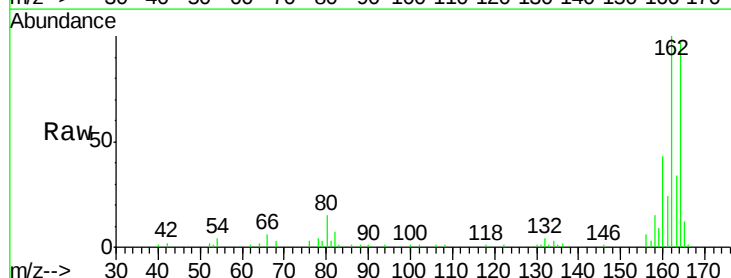


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

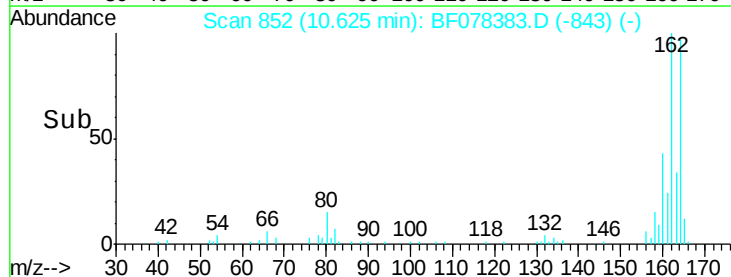
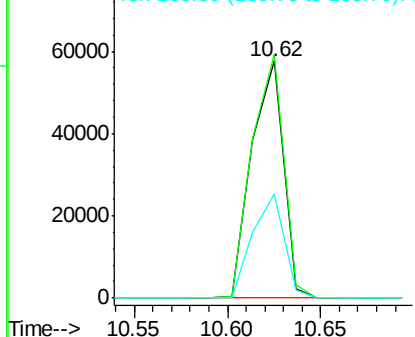


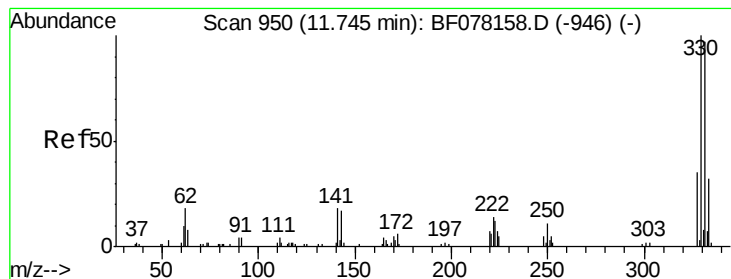
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF078383.D
 Acq: 10 Apr 2015 4:57

Tgt Ion: 164 Resp: 67638
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.2 123.2
 160 43.9 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

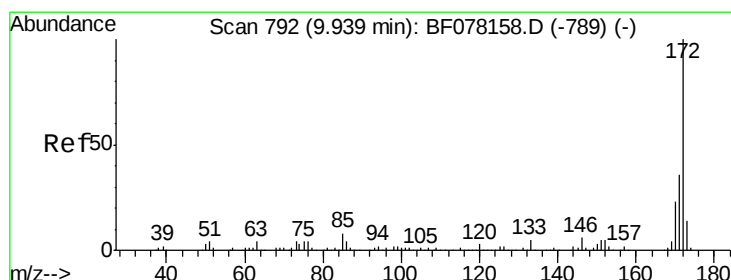
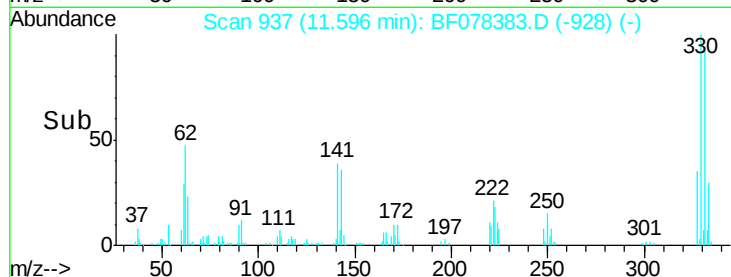
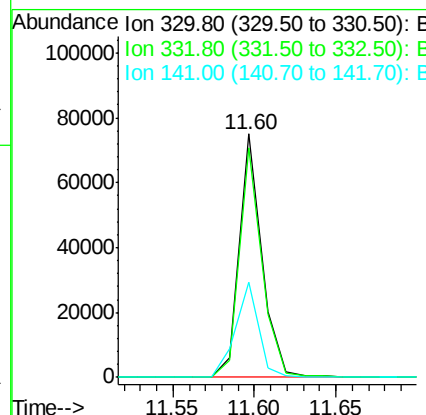
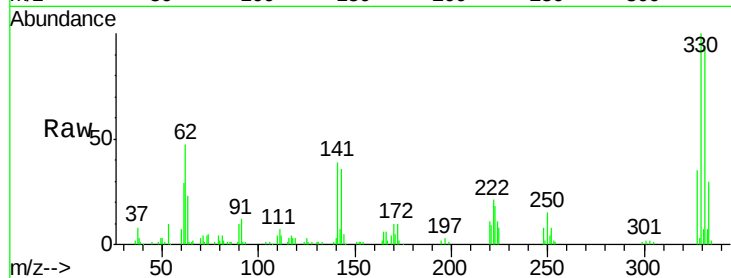




#41
 2,4,6-Tribromophenol
 Concen: 127.07 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF078383.D
 Acq: 10 Apr 2015 4:57

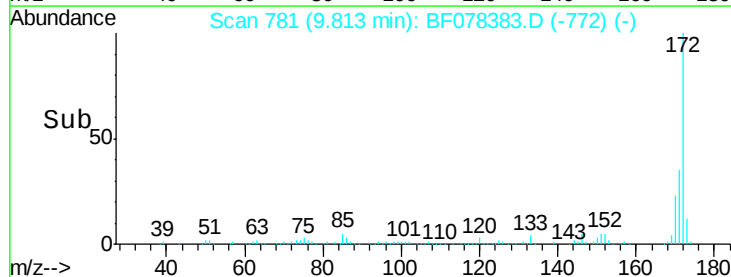
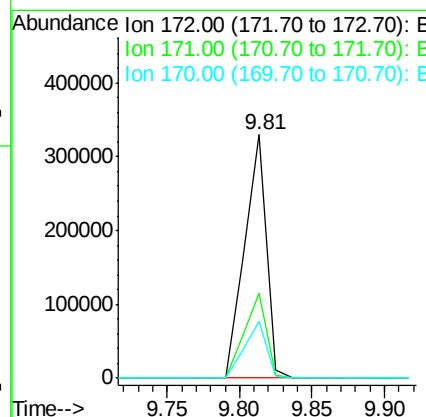
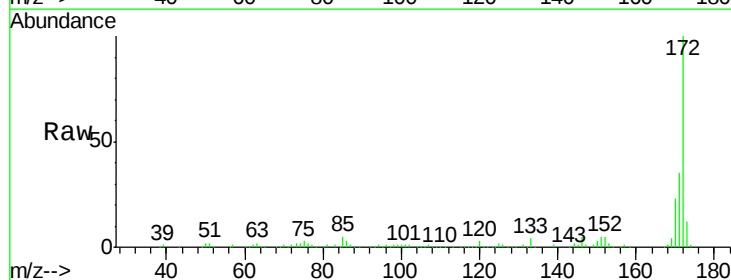
Instrument :
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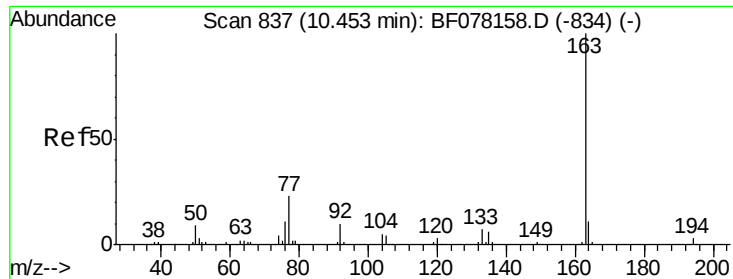
Tgt Ion: 330 Resp: 71280
 Ion Ratio Lower Upper
 330 100
 332 93.8 78.6 117.8
 141 39.6 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 72.64 ng
 RT: 9.81 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF078383.D
 Acq: 10 Apr 2015 4:57

Tgt Ion: 172 Resp: 343709
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.1 18.5 27.7

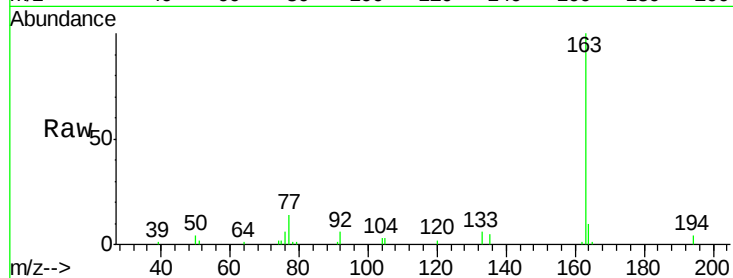




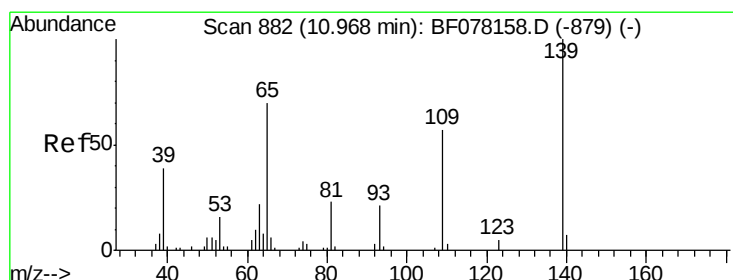
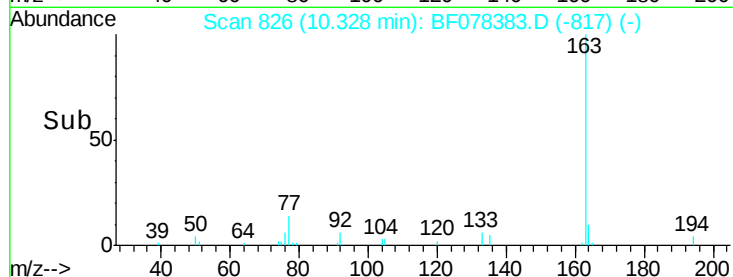
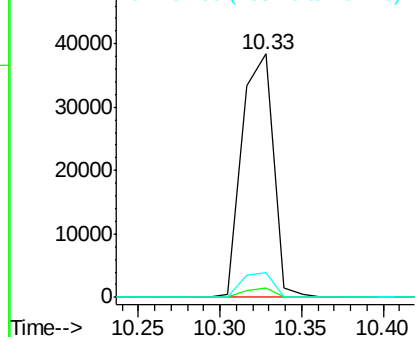
#49
Dimethylphthalate
Concen: 9.98 ng
RT: 10.33 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF078383.D
Acq: 10 Apr 2015 4:57

Instrument :
BNA_F
ClientSampleId :
SB13(2)

Tgt Ion:163 Resp: 50738
Ion Ratio Lower Upper
163 100
194 3.9 2.3 3.5#
164 10.0 8.6 13.0

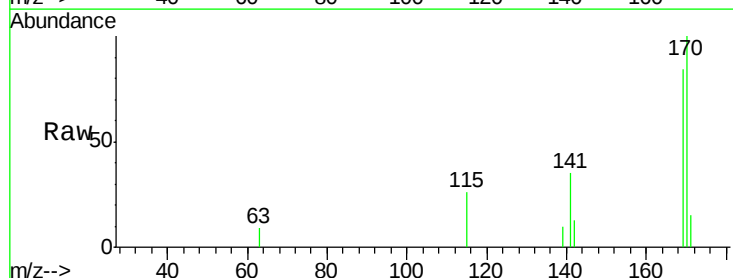


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

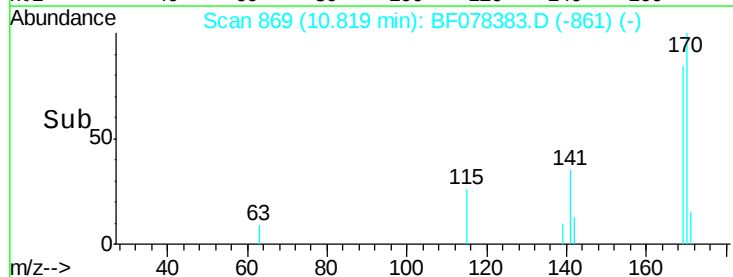
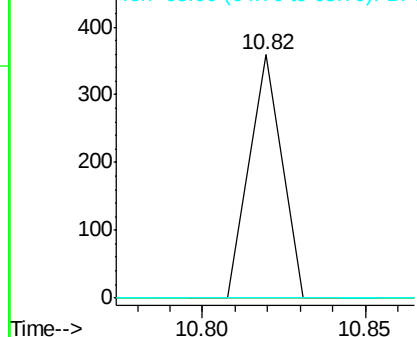


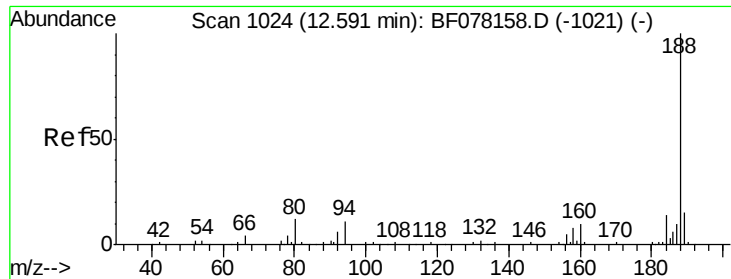
#55
4-Nitrophenol
Concen: 3.04 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF078383.D
Acq: 10 Apr 2015 4:57

Tgt Ion:139 Resp: 246
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 0.0 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

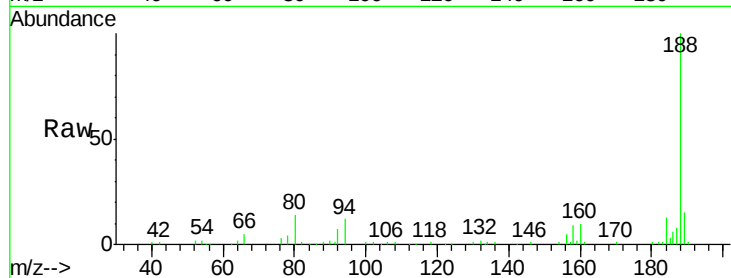




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.44 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF078383.D
Acq: 10 Apr 2015 4:57

Instrument :
BNA_F
ClientSampleId :
SB13(2)

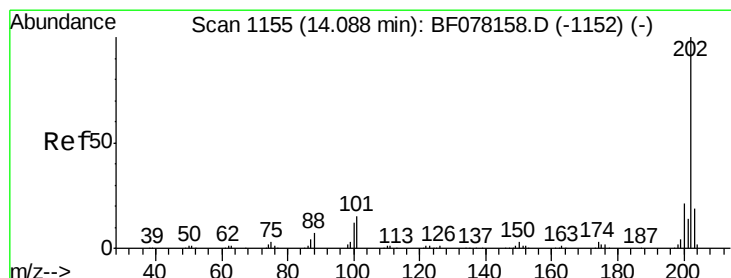
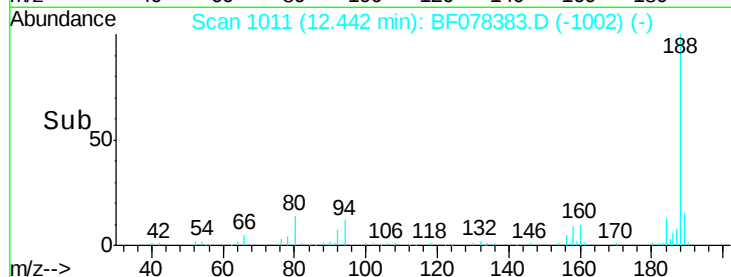
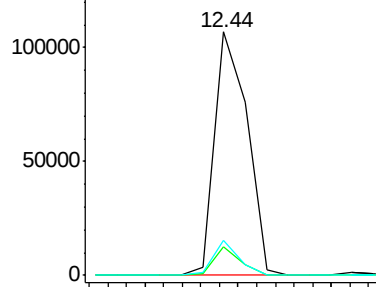
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	129606		
94	11.9		9.0	13.4
80	14.2		9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E

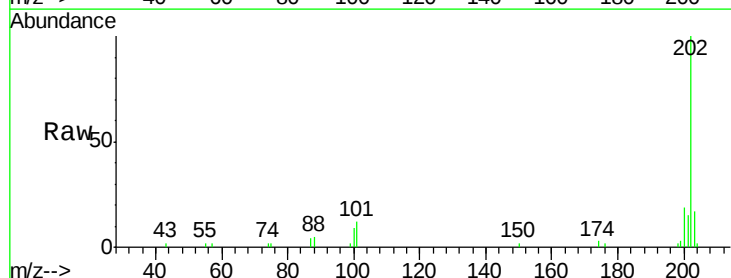
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74
Fluoranthene
Concen: 2.38 ng
RT: 13.94 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF078383.D
Acq: 10 Apr 2015 4:57

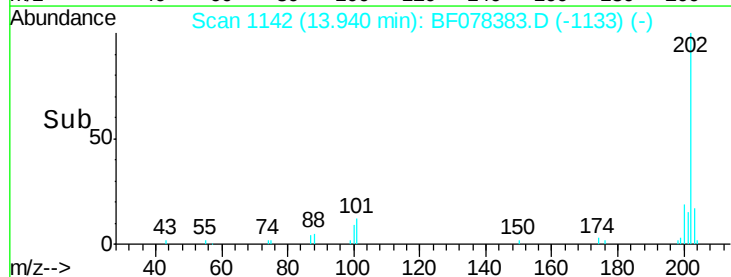
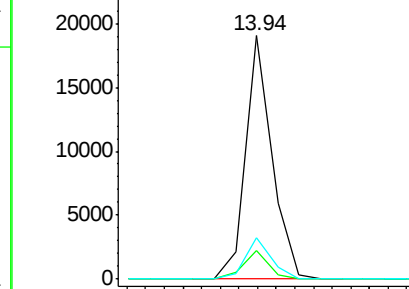
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	18855		
101	11.7		0.0	35.2
203	16.9		0.0	38.5

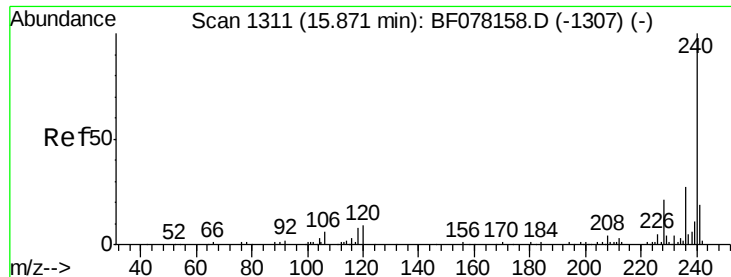


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

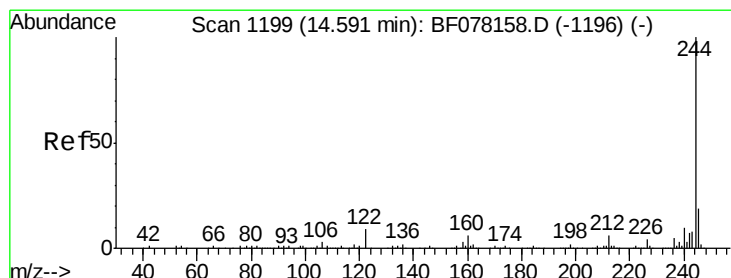
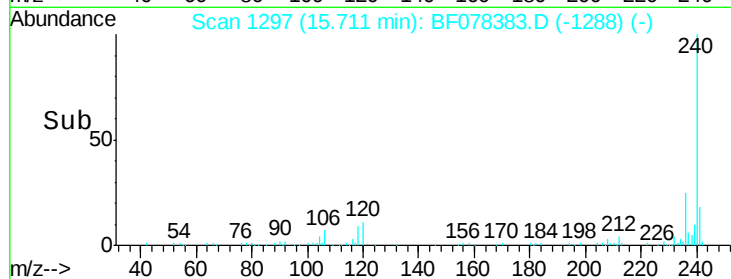
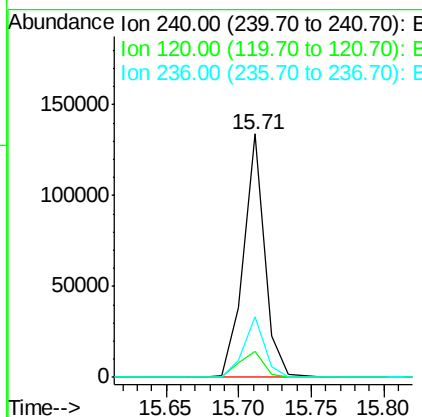
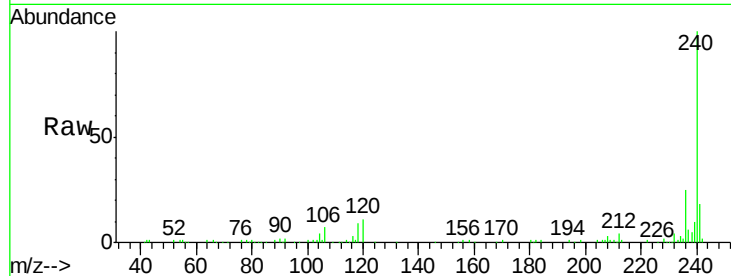




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF078383.D
 Acq: 10 Apr 2015 4:57

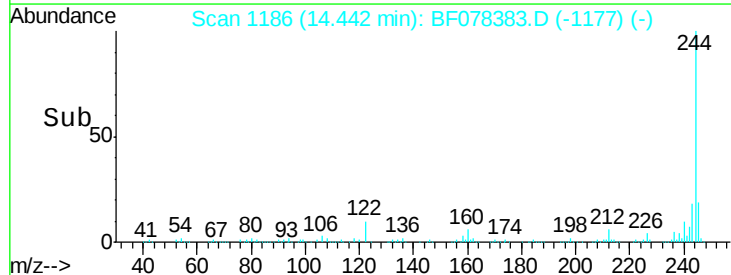
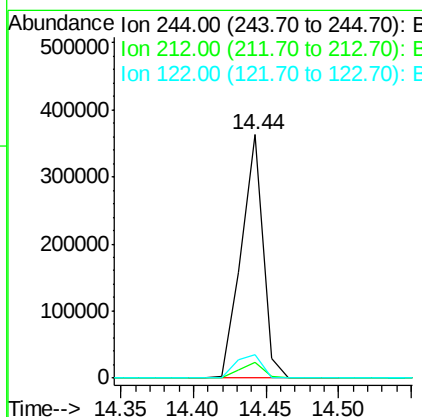
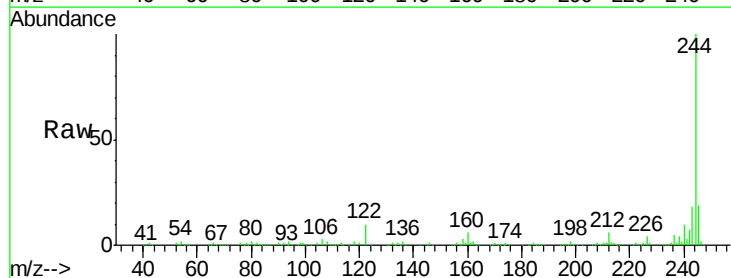
Instrument :
 BNA_F
 ClientSampleId :
 SB13(2)

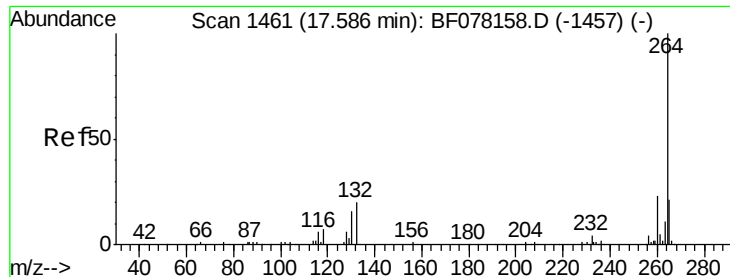
Tgt Ion: 240 Resp: 136175
 Ion Ratio Lower Upper
 240 100
 120 10.6 7.1 10.7
 236 25.1 21.4 32.2



#78
 Terphenyl-d14
 Concen: 63.07 ng
 RT: 14.44 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF078383.D
 Acq: 10 Apr 2015 4:57

Tgt Ion: 244 Resp: 380103
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 9.5 7.1 10.7

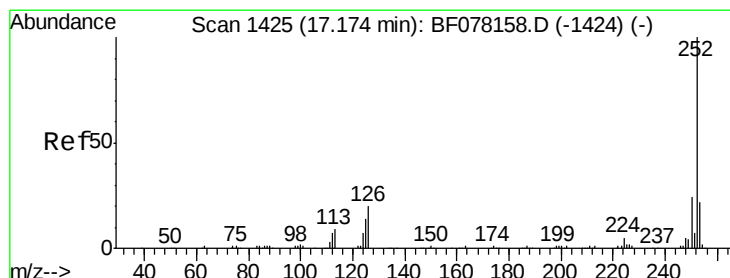
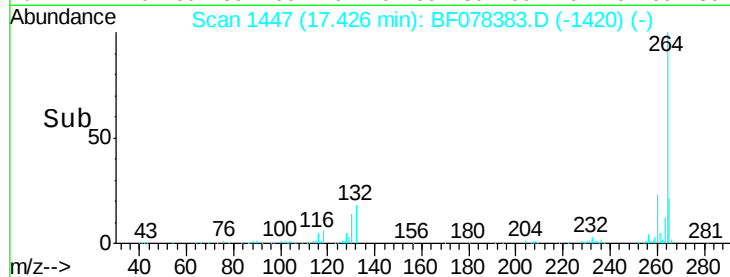
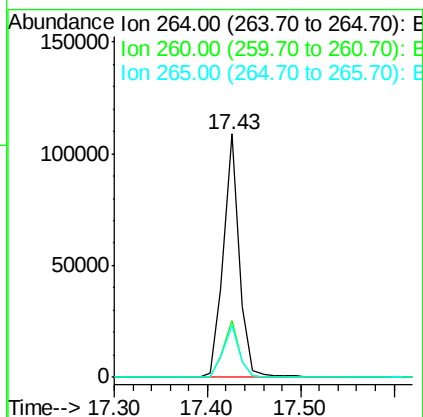
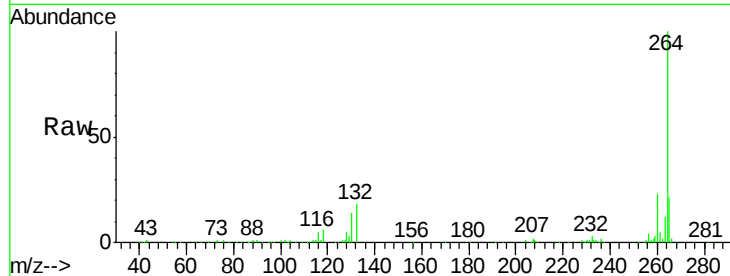




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.43 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF078383.D
Acq: 10 Apr 2015 4:57

Instrument :
BNA_F
ClientSampleId :
SB13(2)

Tgt Ion: 264 Resp: 129190
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.2 17.0 25.6



#88
Benzo(k)fluoranthene
Concen: 2.14 ng
RT: 16.99 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF078383.D
Acq: 10 Apr 2015 4:57

Tgt Ion: 252 Resp: 15211
Ion Ratio Lower Upper
252 100
253 24.7 17.5 26.3
125 15.1 11.6 17.4

