

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078323.D
 Acq On : 8 Apr 2015 5:35
 Operator : TP/IZ
 Sample : G1783-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-6

Quant Time: Apr 08 05:15:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 03:14:41 2015
 Response via : Initial Calibration

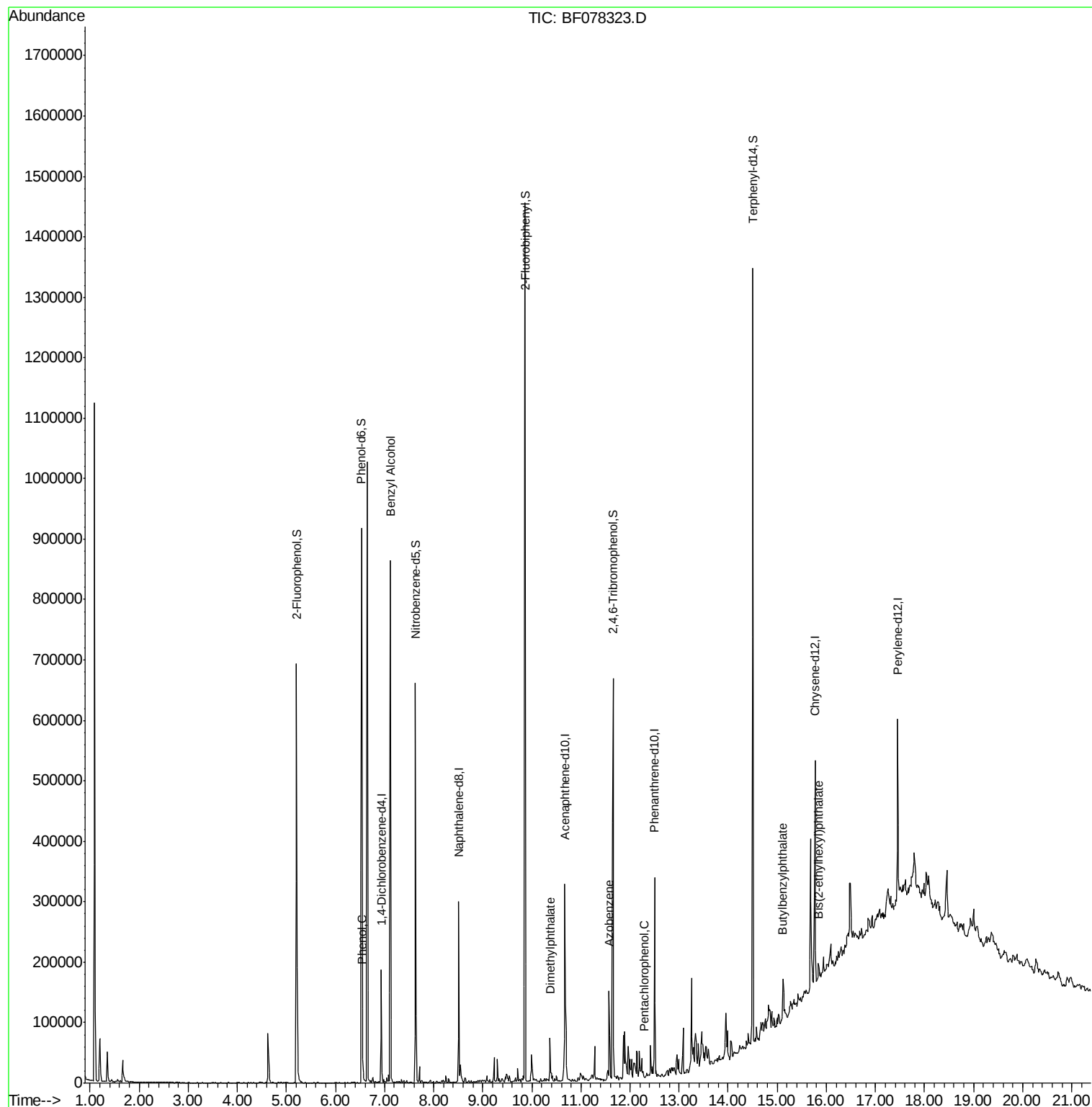
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	32838	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	136682	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	68146	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	134266	20.00	ng	0.00
75) Chrysene-d12	15.77	240	142642	20.00	ng	0.00
86) Perylene-d12	17.45	264	133515	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	266892	134.00	ng	0.01
7) Phenol-d6	6.53	99	366384	146.79	ng	0.01
23) Nitrobenzene-d5	7.63	82	205978	91.34	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	94723	167.60	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	431593	90.53	ng	0.00
78) Terphenyl-d14	14.50	244	502164	79.55	ng	0.00
Target Compounds						
10) Phenol	6.54	94	10149	3.39	ng	# 71
15) Benzyl Alcohol	7.12	79	5642	3.22	ng	# 55
49) Dimethylphthalate	10.37	163	28966	5.66	ng	# 97
62) Azobenzene	11.57	77	32737	7.27	ng	# 1
69) Pentachlorophenol	12.28	266	310	8.16	ng	# 19
79) Butylbenzylphthalate	15.12	149	19215	5.63	ng	# 98
83) Bis(2-ethylhexyl)phthalate	15.84	149	10858	2.03	ng	# 94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF078323.D

Acq: 8 Apr 2015 5:35

Instrument :

BNA_F

ClientSampleId :

FD-6

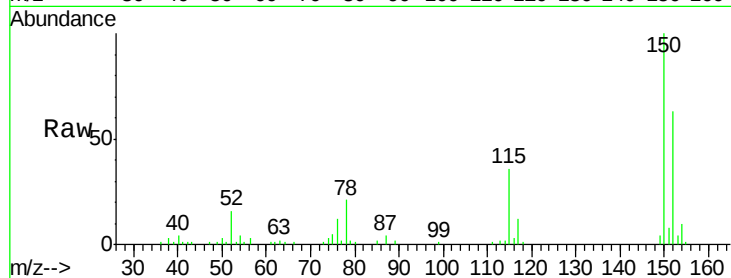
Tgt Ion:152 Resp: 32838

Ion Ratio Lower Upper

152 100

150 158.8 125.9 188.9

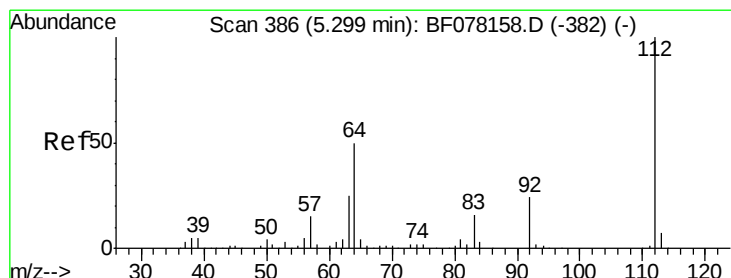
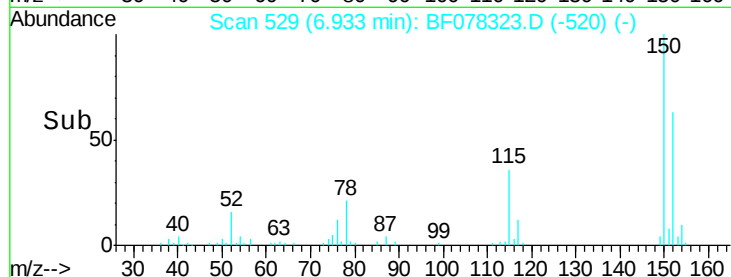
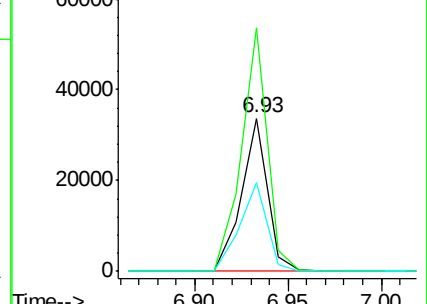
115 57.9 52.7 79.1



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



#5

2-Fluorophenol

Concen: 134.00 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078323.D

Acq: 8 Apr 2015 5:35

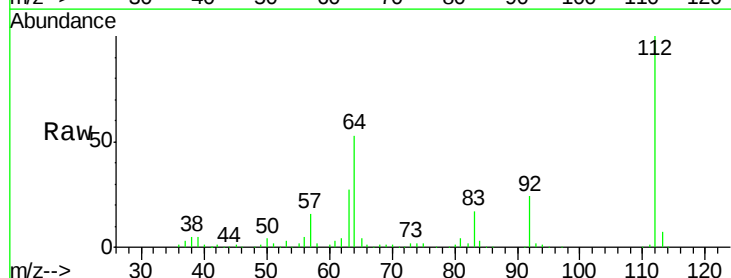
Tgt Ion:112 Resp: 266892

Ion Ratio Lower Upper

112 100

64 53.1 39.9 59.9

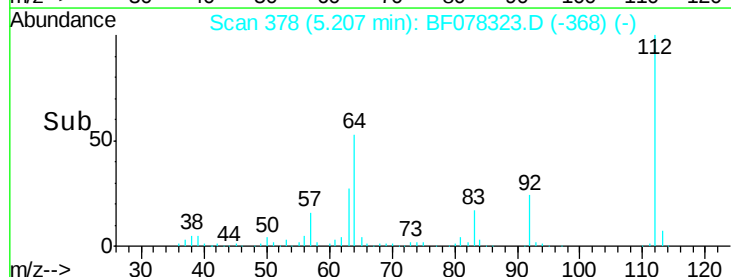
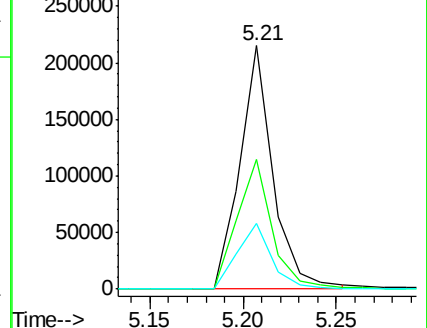
63 27.0 20.2 30.4

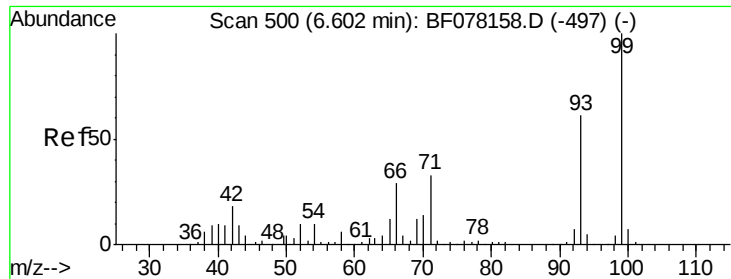


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.79 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078323.D

Acq: 8 Apr 2015 5:35

Instrument :

BNA_F

ClientSampleId :

FD-6

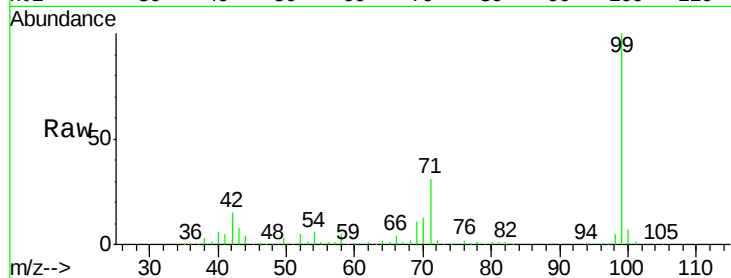
Tgt Ion: 99 Resp: 366384

Ion Ratio Lower Upper

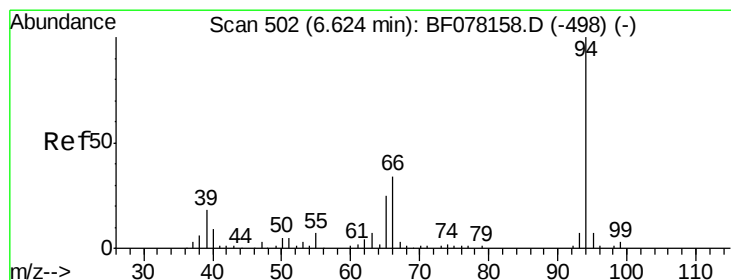
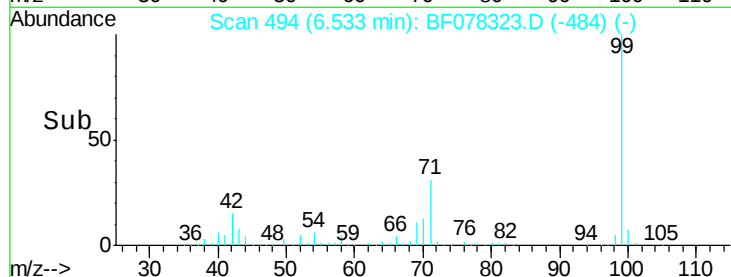
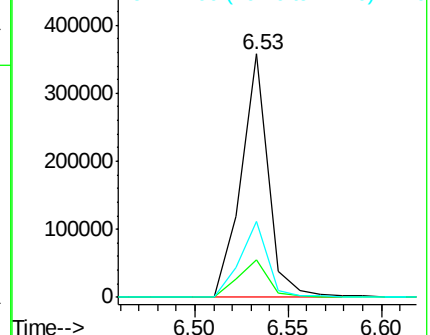
99 100

42 15.5 14.8 22.2

71 31.2 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: 3.39 ng

RT: 6.54 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF078323.D

Acq: 8 Apr 2015 5:35

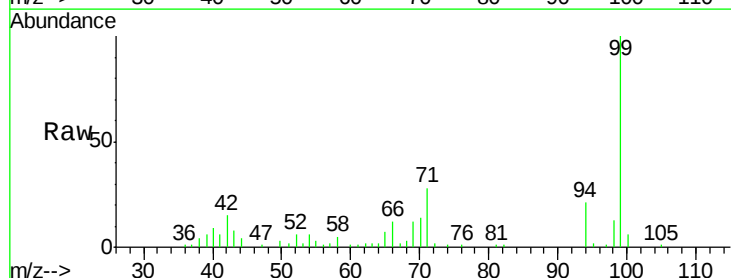
Tgt Ion: 94 Resp: 10149

Ion Ratio Lower Upper

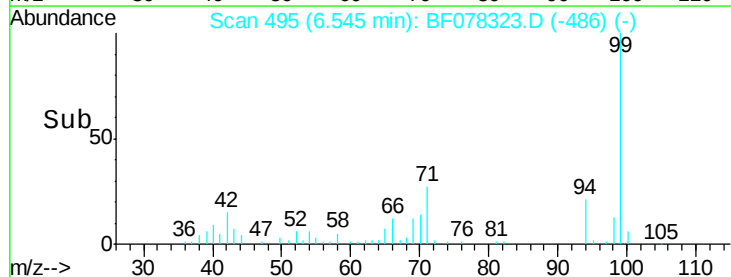
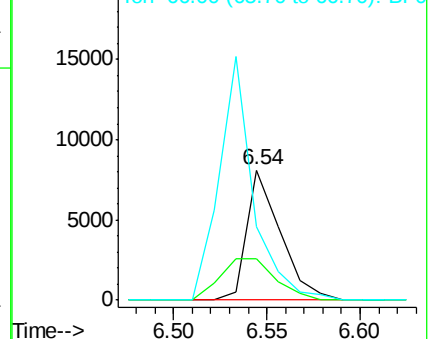
94 100

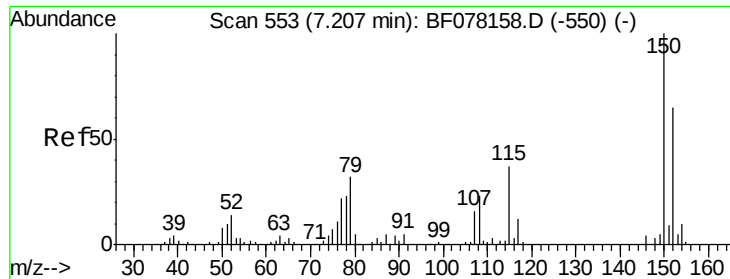
65 31.8 4.9 44.9

66 56.4 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

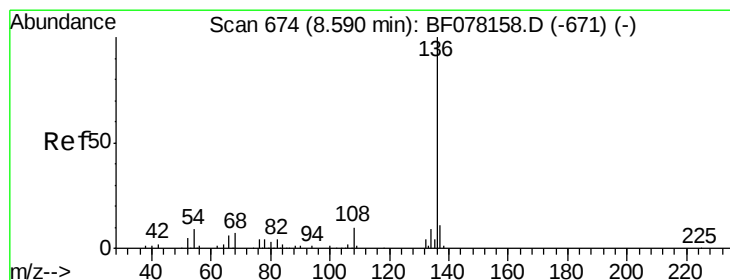
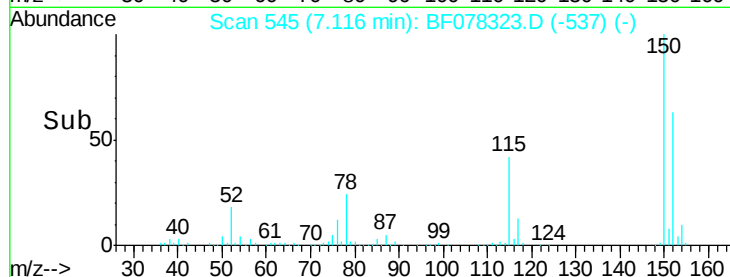
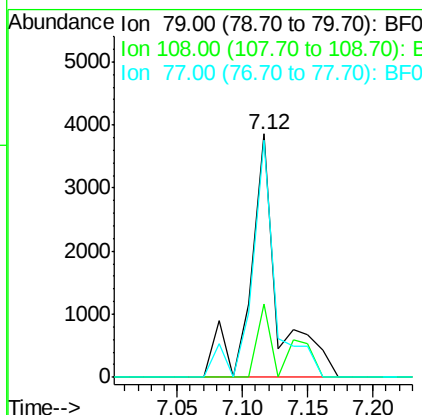
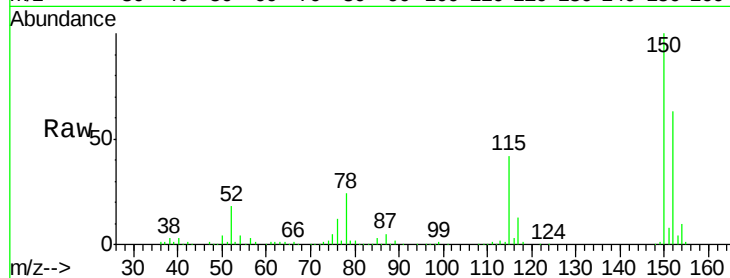




#15
Benzyl Alcohol
Concen: 3.22 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF078323.D
Acq: 8 Apr 2015 5:35

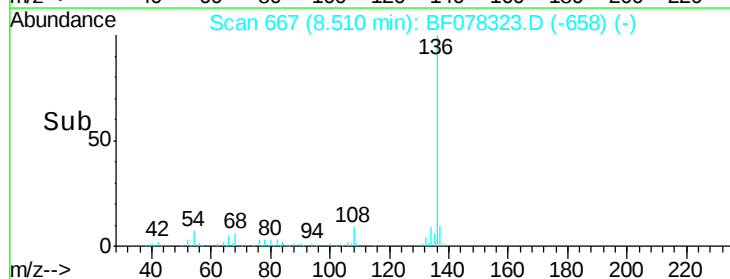
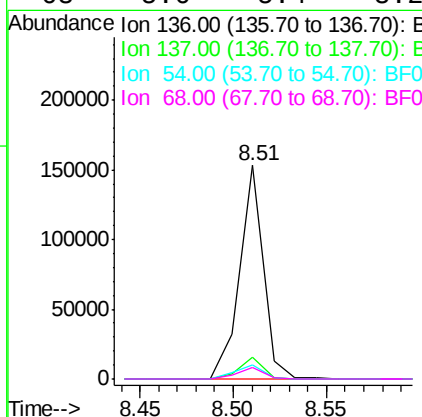
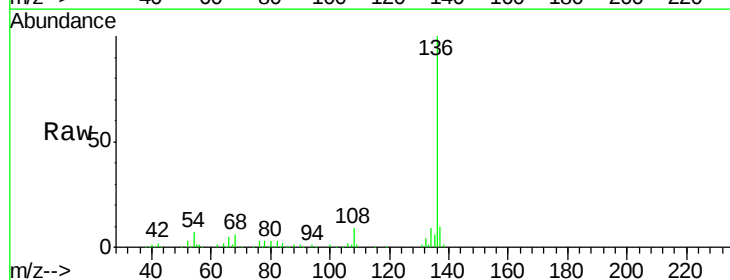
Instrument :
BNA_F
ClientSampleId :
FD-6

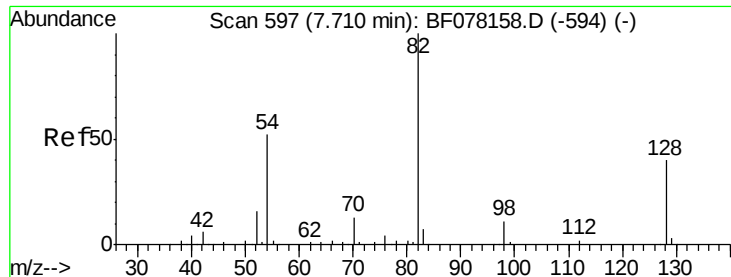
Tgt Ion: 79 Resp: 5642
Ion Ratio Lower Upper
79 100
108 29.9 57.6 86.4#
77 97.7 53.5 80.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF078323.D
Acq: 8 Apr 2015 5:35

Tgt Ion: 136 Resp: 136682
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 6.6 7.0 10.6#
68 5.6 5.4 8.2

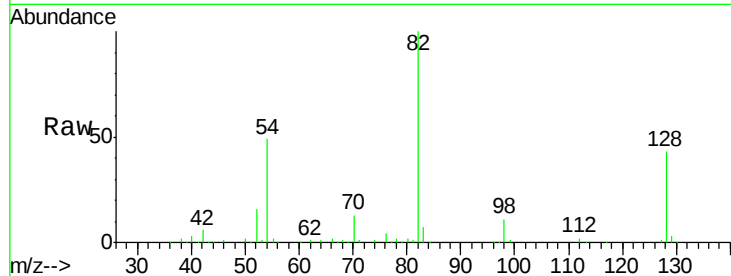




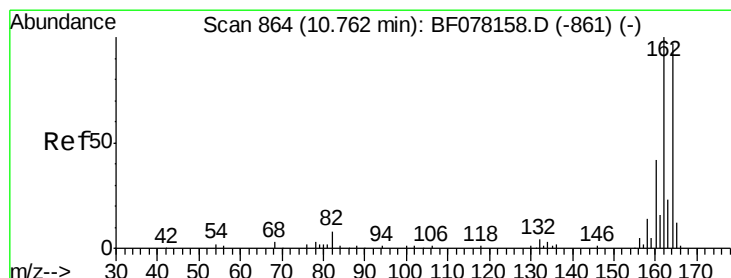
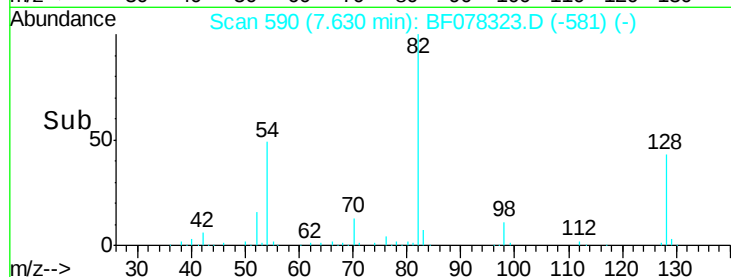
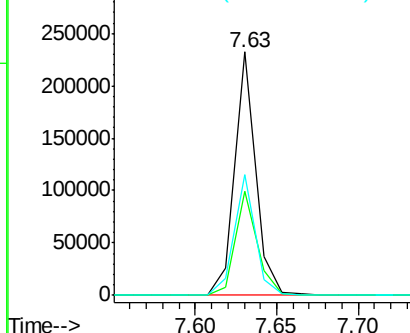
#23
 Nitrobenzene-d5
 Concen: 91.34 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF078323.D
 Acq: 8 Apr 2015 5:35

Instrument :
 BNA_F
 ClientSampleId :
 FD-6

Tgt Ion: 82 Resp: 205978
 Ion Ratio Lower Upper
 82 100
 128 42.6 31.8 47.8
 54 49.4 41.5 62.3

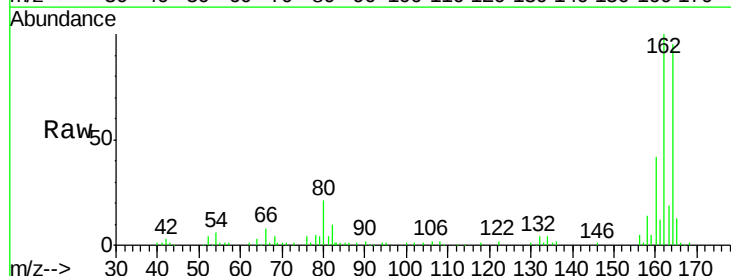


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

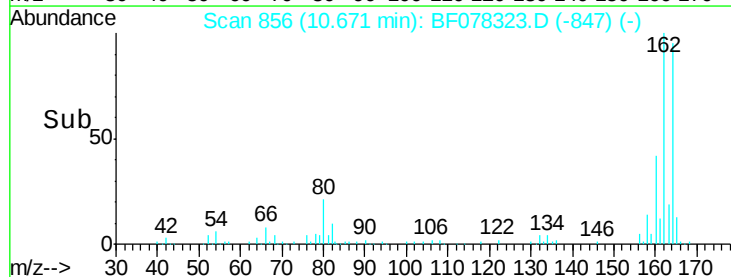
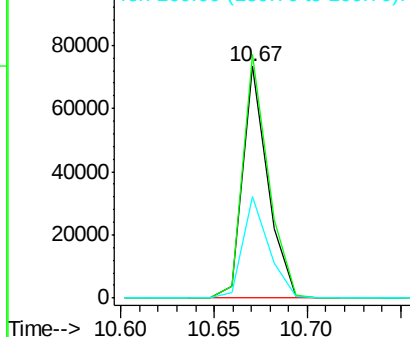


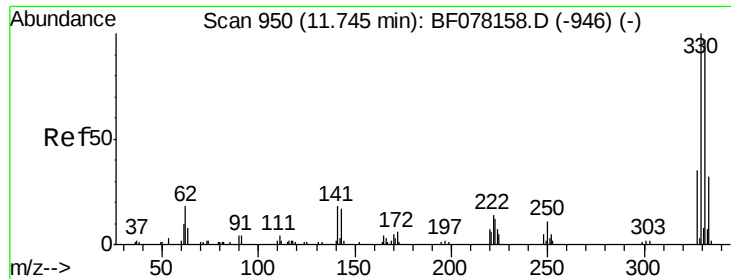
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF078323.D
 Acq: 8 Apr 2015 5:35

Tgt Ion: 164 Resp: 68146
 Ion Ratio Lower Upper
 164 100
 162 105.2 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

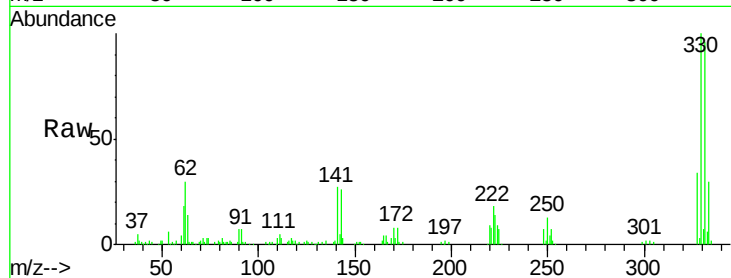




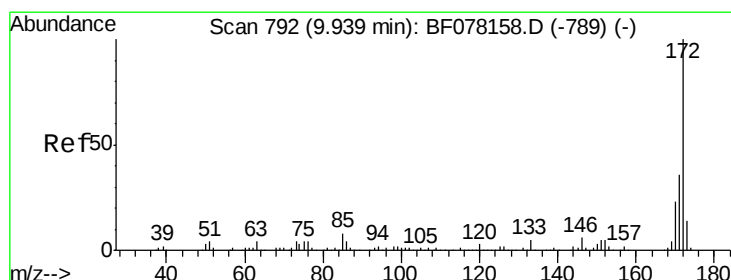
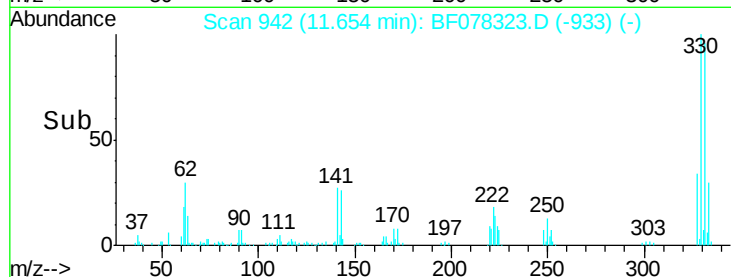
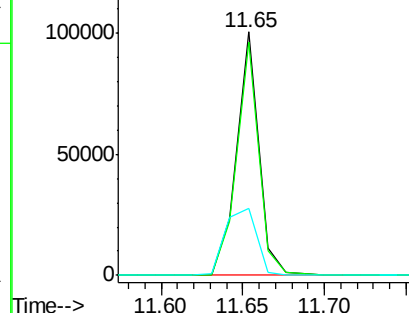
#41
 2,4,6-Tribromophenol
 Concen: 167.60 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF078323.D
 Acq: 8 Apr 2015 5:35

Instrument :
 BNA_F
 ClientSampleId :
 FD-6

Tgt Ion:330 Resp: 94723
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.6 117.8
 141 38.9 31.2 46.8

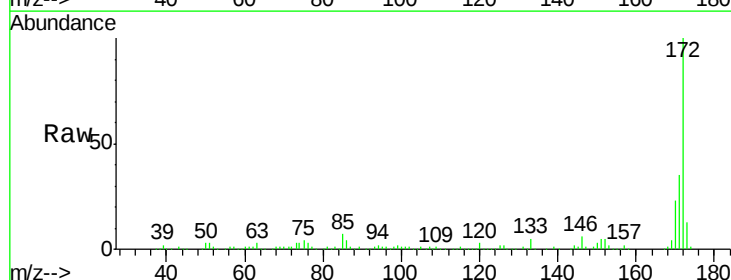


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

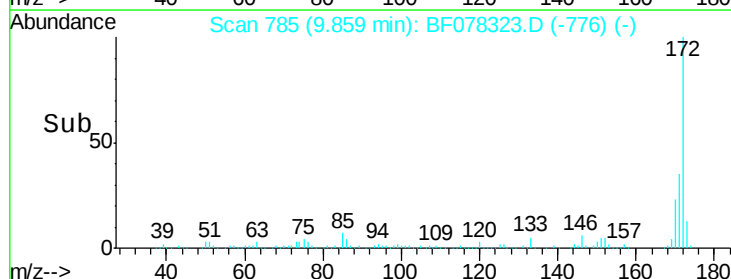
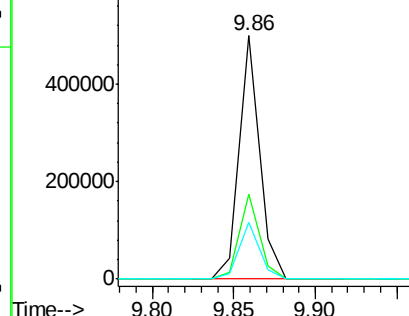


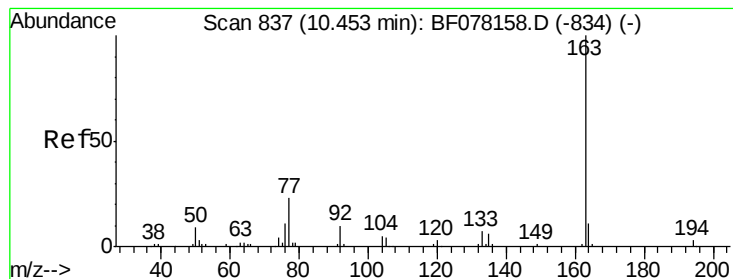
#44
 2-Fluorobiphenyl
 Concen: 90.53 ng
 RT: 9.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF078323.D
 Acq: 8 Apr 2015 5:35

Tgt Ion:172 Resp: 431593
 Ion Ratio Lower Upper
 172 100
 171 35.0 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: 5.66 ng

RT: 10.37 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF078323.D

Acq: 8 Apr 2015 5:35

Instrument :

BNA_F

ClientSampleId :

FD-6

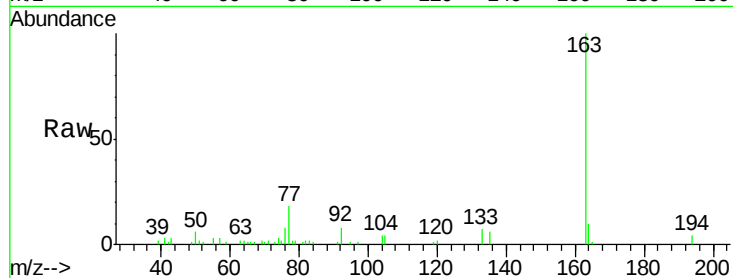
Tgt Ion:163 Resp: 28966

Ion Ratio Lower Upper

163 100

194 3.5 2.3 3.5#

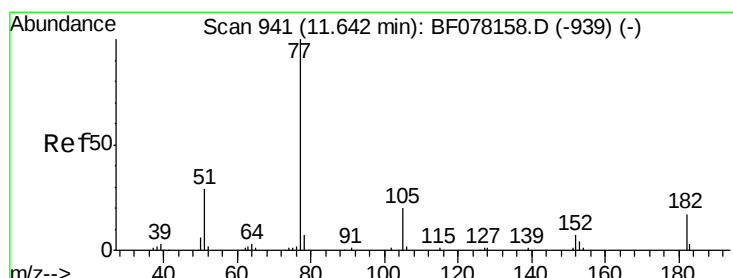
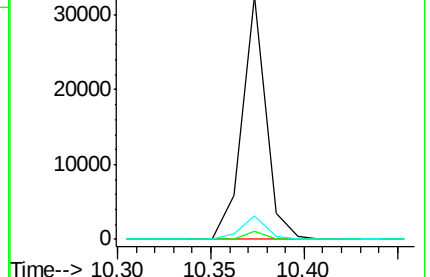
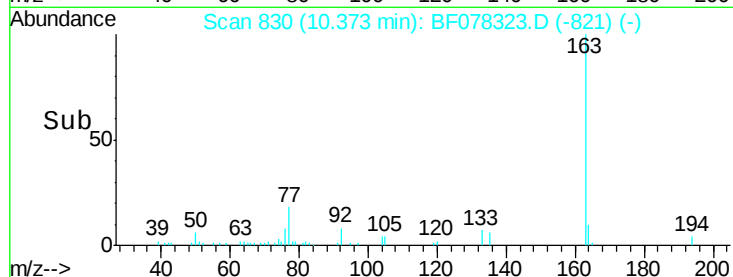
164 9.5 8.6 13.0



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



#62

Azobenzene

Concen: 7.27 ng

RT: 11.57 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF078323.D

Acq: 8 Apr 2015 5:35

Tgt Ion: 77 Resp: 32737

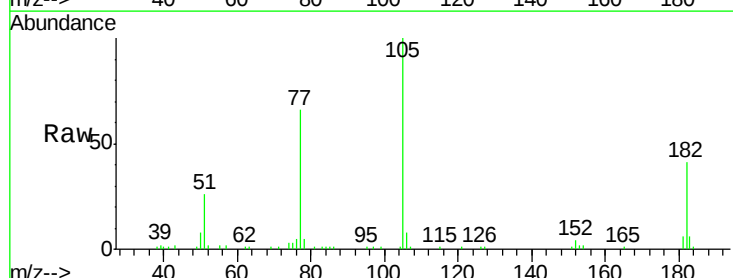
Ion Ratio Lower Upper

77 100

182 62.0 0.0 36.8#

105 151.3 0.3 40.3#

51 39.7 9.1 49.1

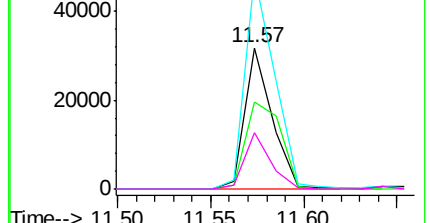
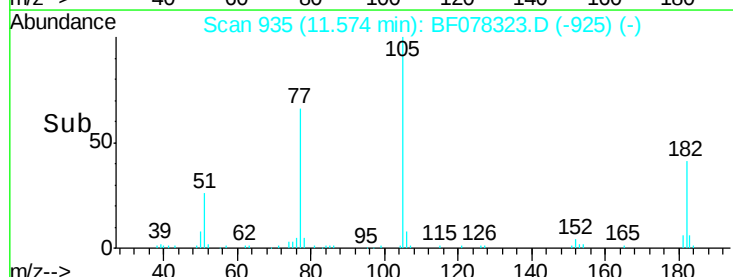


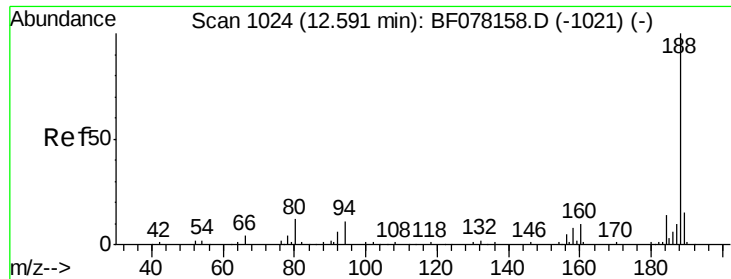
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

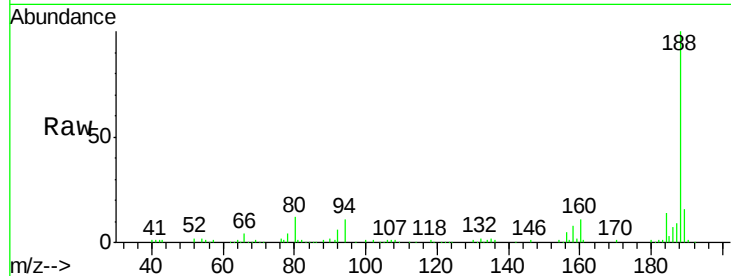




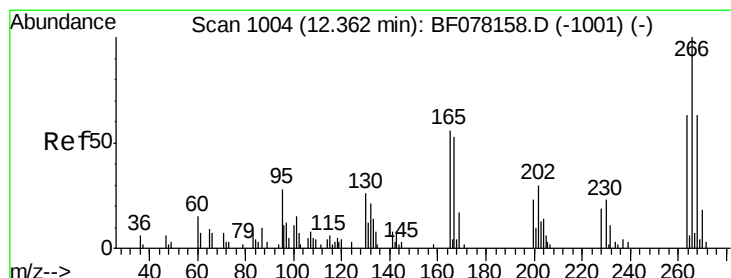
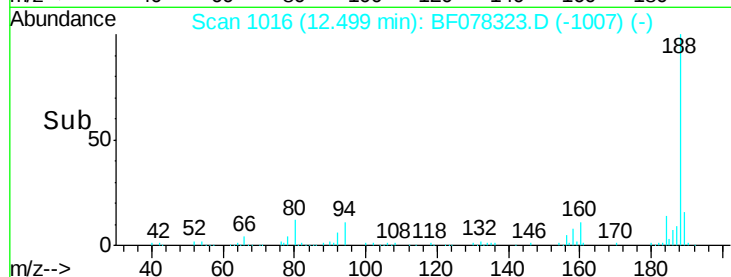
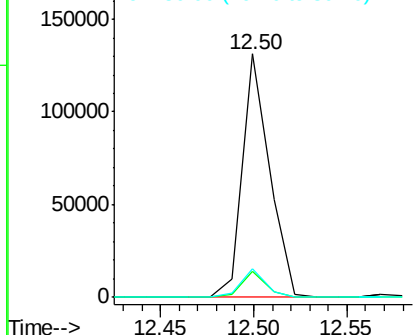
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF078323.D
Acq: 8 Apr 2015 5:35

Instrument :
BNA_F
ClientSampleId :
FD-6

Tgt Ion:188 Resp: 134266
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.4
80 11.6 9.5 14.3

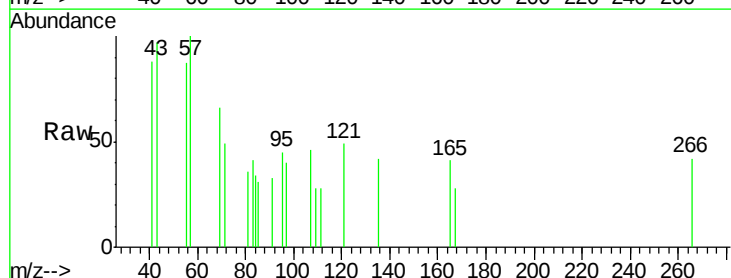


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

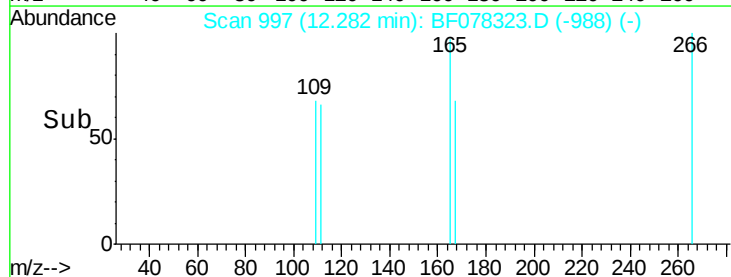
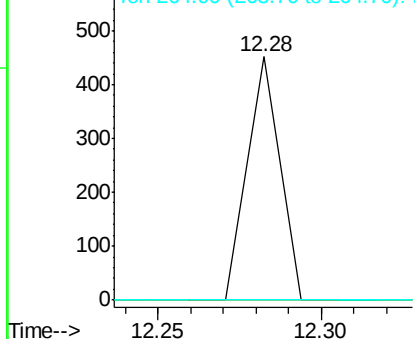


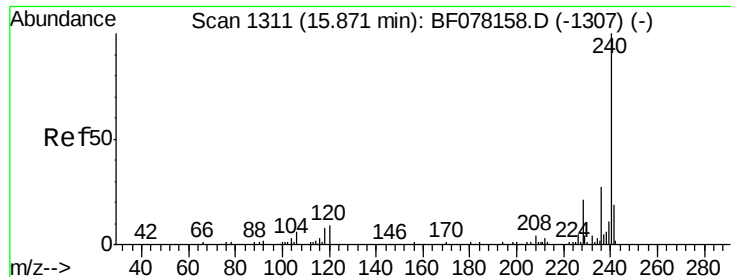
#69
Pentachlorophenol
Concen: 8.16 ng
RT: 12.28 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF078323.D
Acq: 8 Apr 2015 5:35

Tgt Ion:266 Resp: 310
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

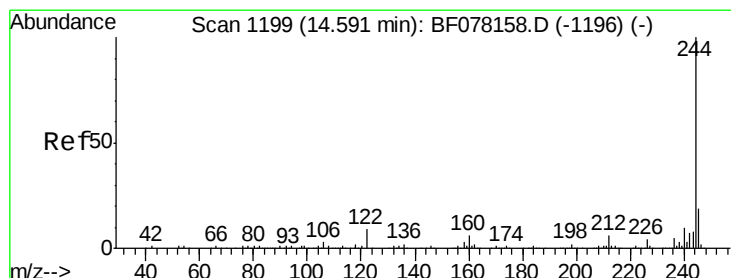
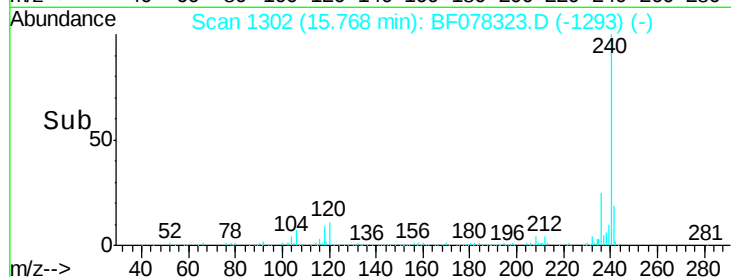
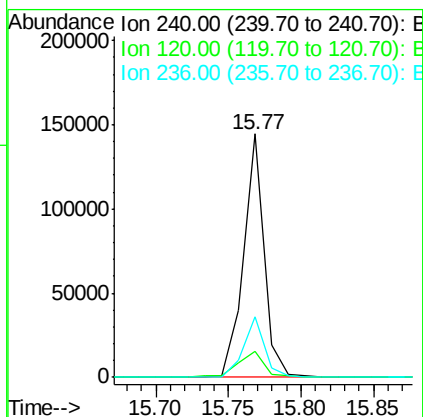
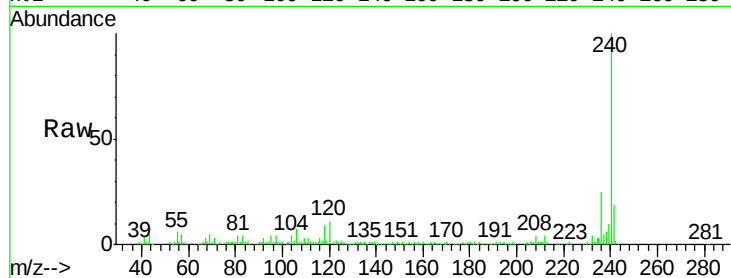




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF078323.D
Acq: 8 Apr 2015 5:35

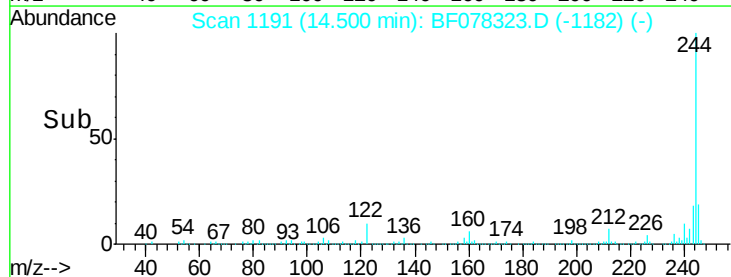
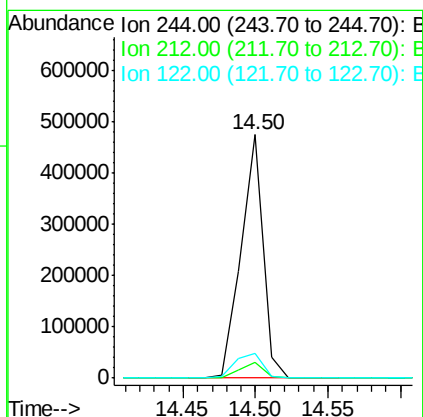
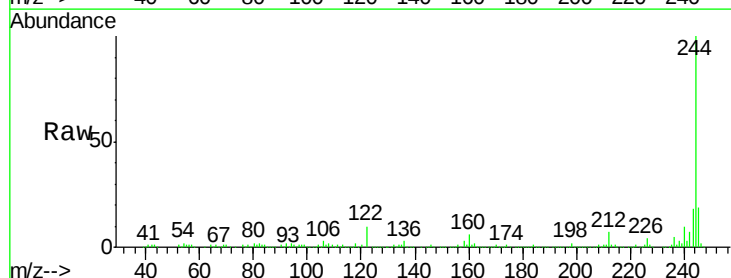
Instrument :
BNA_F
ClientSampleId :
FD-6

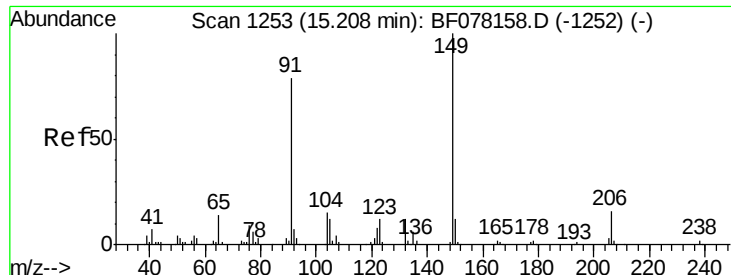
Tgt Ion:240 Resp: 142642
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 24.8 21.4 32.2



#78
Terphenyl-d14
Concen: 79.55 ng
RT: 14.50 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF078323.D
Acq: 8 Apr 2015 5:35

Tgt Ion:244 Resp: 502164
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 10.1 7.1 10.7

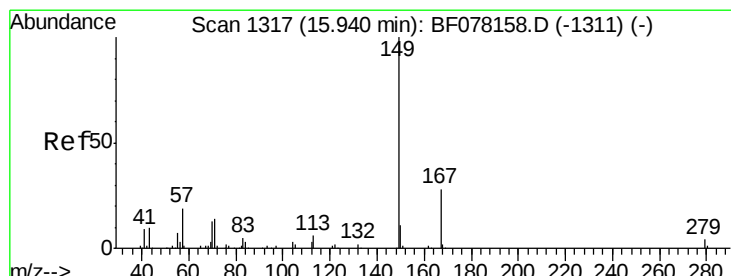
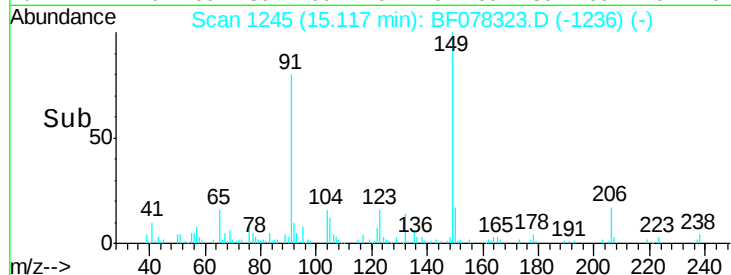
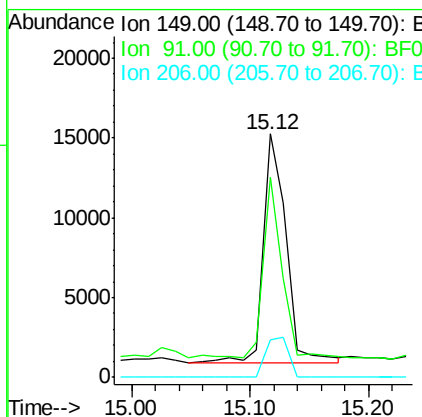
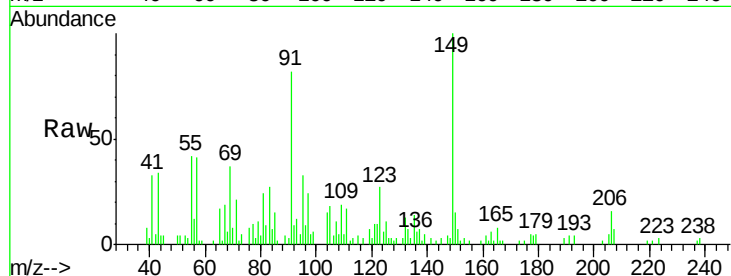




#79
 Butylbenzylphthalate
 Concen: 5.63 ng
 RT: 15.12 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BF078323.D
 Acq: 8 Apr 2015 5:35

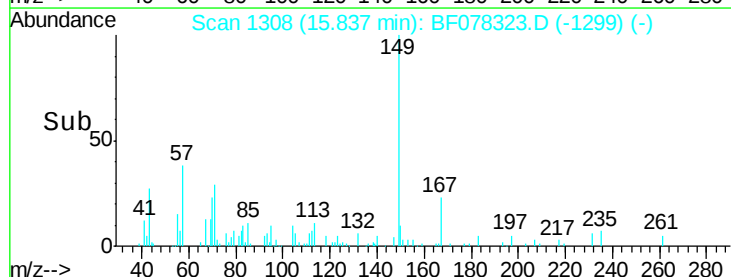
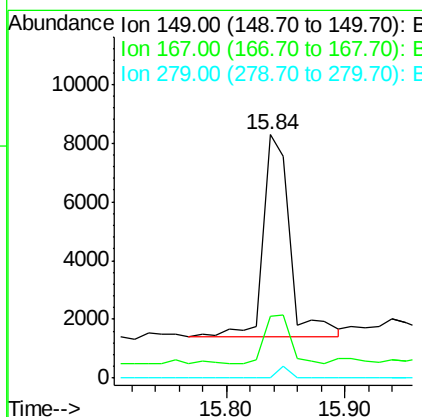
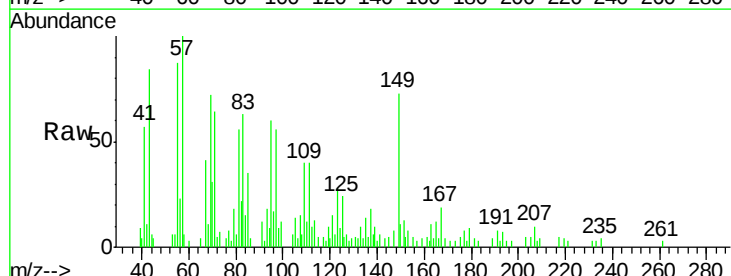
Instrument :
 BNA_F
 ClientSampleId :
 FD-6

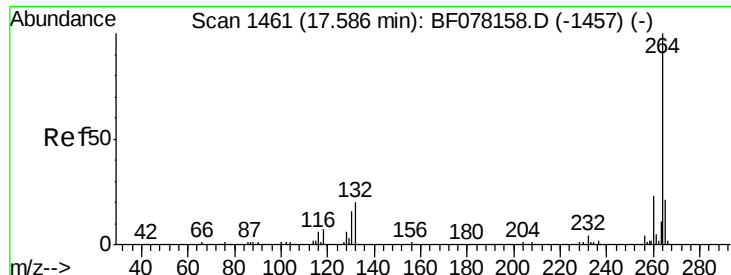
Tgt Ion:149 Resp: 19215
 Ion Ratio Lower Upper
 149 100
 91 82.1 64.2 96.2
 206 15.6 12.6 18.8



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.03 ng
 RT: 15.84 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF078323.D
 Acq: 8 Apr 2015 5:35

Tgt Ion:149 Resp: 10858
 Ion Ratio Lower Upper
 149 100
 167 25.2 22.2 33.2
 279 0.0 3.2 4.8#

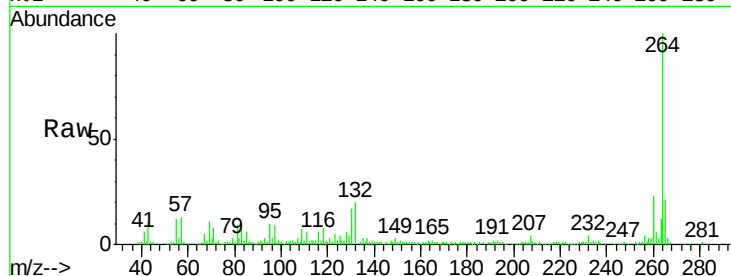




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.45 min Scan# 1449
Delta R.T. 0.02 min
Lab File: BF078323.D
Acq: 8 Apr 2015 5:35

Instrument :
BNA_F
ClientSampleId :
FD-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.3	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

