

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078231.D
 Acq On : 3 Apr 2015 7:55
 Operator : TP/IZ
 Sample : G1690-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Quant Time: Apr 03 07:30:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

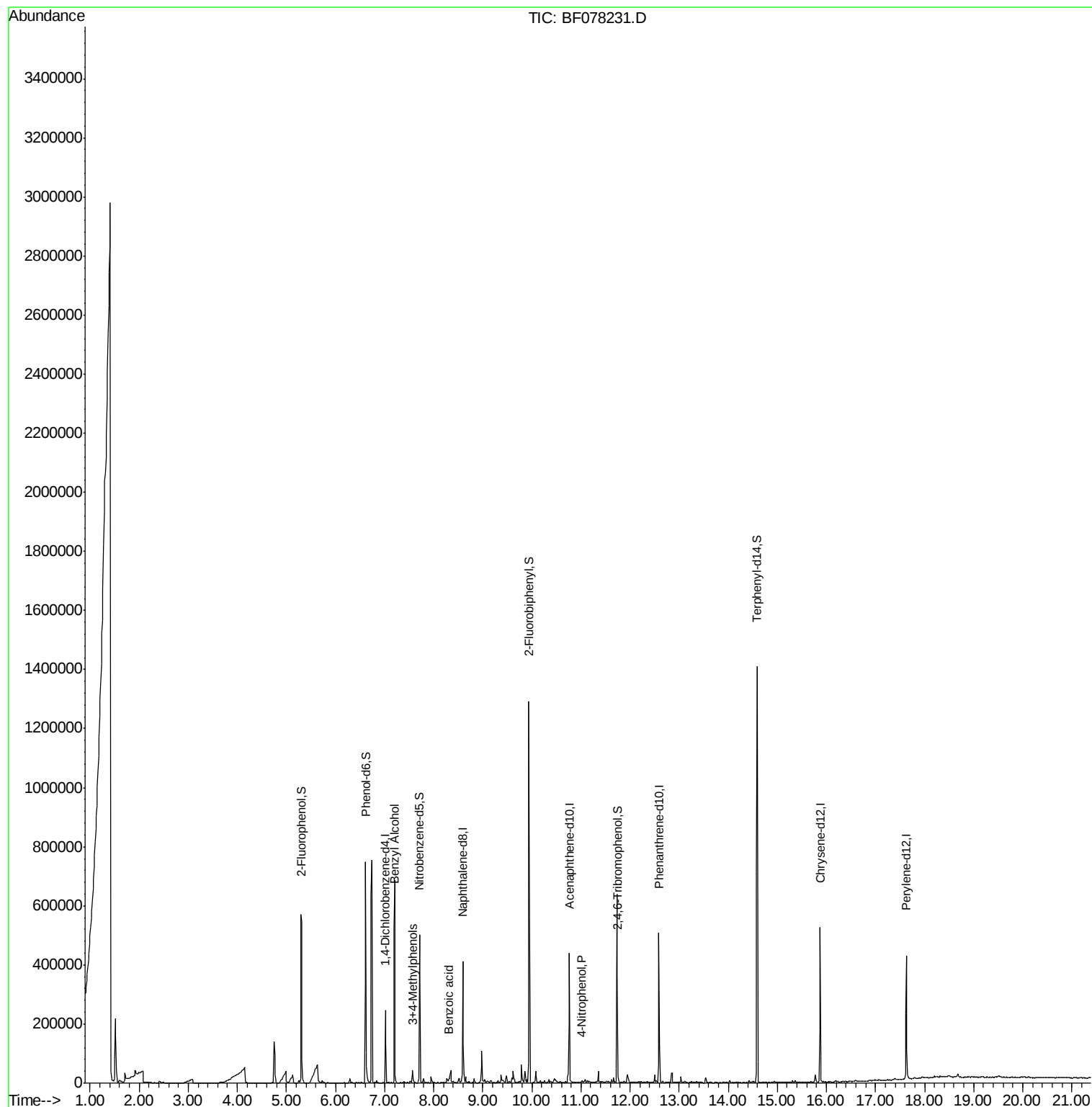
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	45369	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	192788	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	100739	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	194133	20.00	ng	0.00
75) Chrysene-d12	15.87	240	209586	20.00	ng	-0.01
86) Perylene-d12	17.63	264	196826	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	258308	93.87	ng	0.02
7) Phenol-d6	6.61	99	307022	89.03	ng	0.01
23) Nitrobenzene-d5	7.71	82	218490	68.69	ng	-0.01
41) 2,4,6-Tribromophenol	11.74	330	88558	106.00	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	454579	64.50	ng	0.00
78) Terphenyl-d14	14.59	244	544989	58.76	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.20	79	6418	2.65	ng	# 57
20) 3+4-Methylphenols	7.57	107	19018	5.64	ng	93
32) Benzoic acid	8.32	122	5651	9.38	ng	97
55) 4-Nitrophenol	11.01	139	258	2.96	ng	# 18

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

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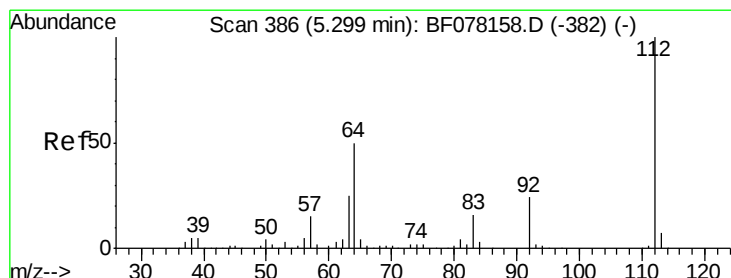
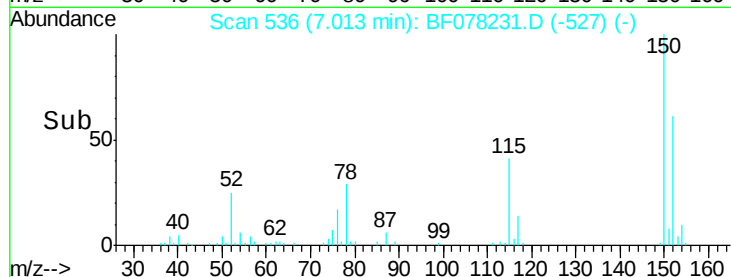
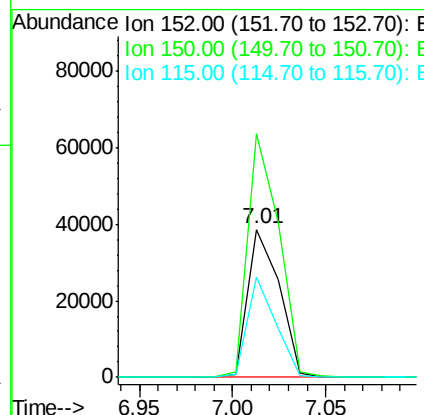
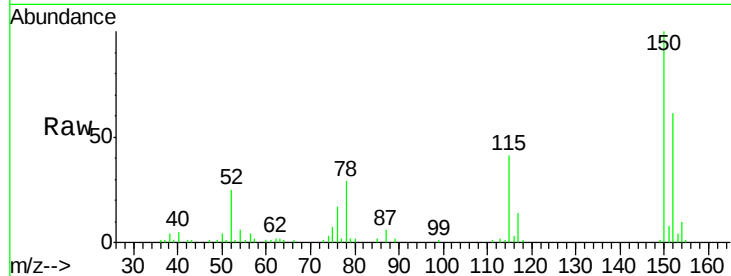




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.01 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF078231.D
 Acq: 3 Apr 2015 7:55

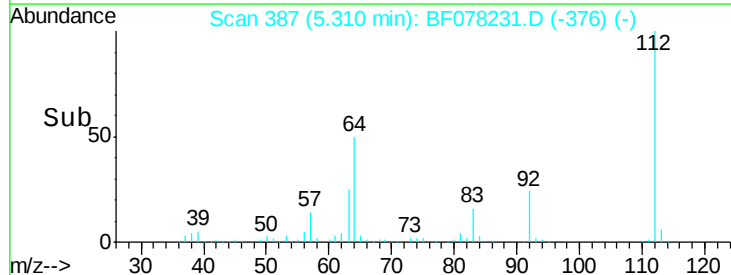
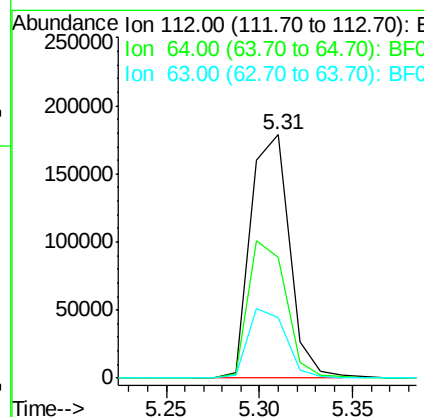
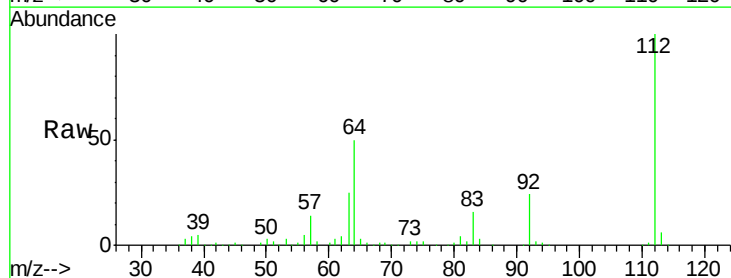
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Tgt Ion:152 Resp: 45369
 Ion Ratio Lower Upper
 152 100
 150 165.0 125.9 188.9
 115 67.9 52.7 79.1



#5
 2-Fluorophenol
 Concen: 93.87 ng
 RT: 5.31 min Scan# 387
 Delta R.T. 0.02 min
 Lab File: BF078231.D
 Acq: 3 Apr 2015 7:55

Tgt Ion:112 Resp: 258308
 Ion Ratio Lower Upper
 112 100
 64 49.5 39.9 59.9
 63 24.8 20.2 30.4





#7

Phenol-d6

Concen: 89.03 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078231.D

Acq: 3 Apr 2015 7:55

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

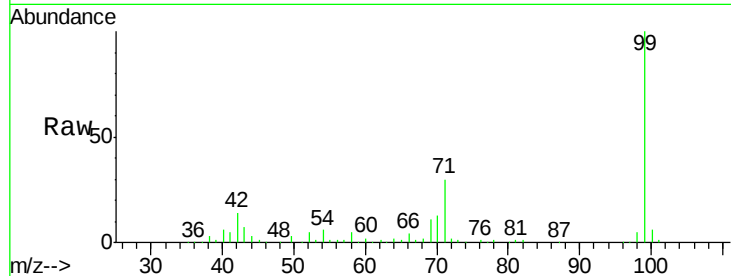
Tgt Ion: 99 Resp: 307022

Ion Ratio Lower Upper

99 100

42 14.5 14.8 22.2#

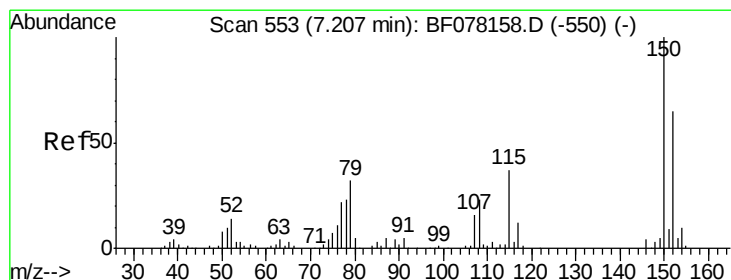
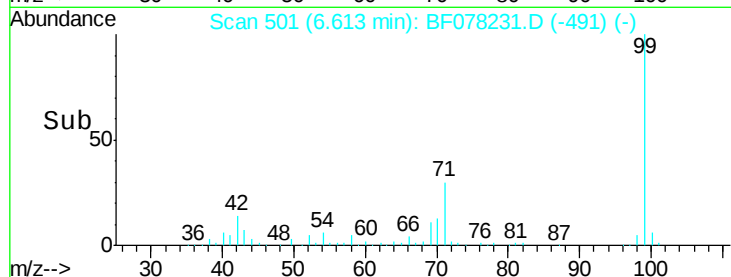
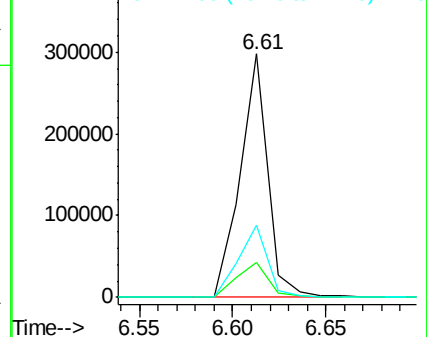
71 29.7 26.6 39.8



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



#15

Benzyl Alcohol

Concen: 2.65 ng

RT: 7.20 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF078231.D

Acq: 3 Apr 2015 7:55

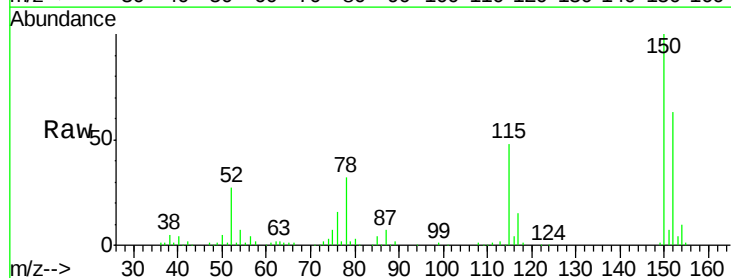
Tgt Ion: 79 Resp: 6418

Ion Ratio Lower Upper

79 100

108 27.2 57.6 86.4#

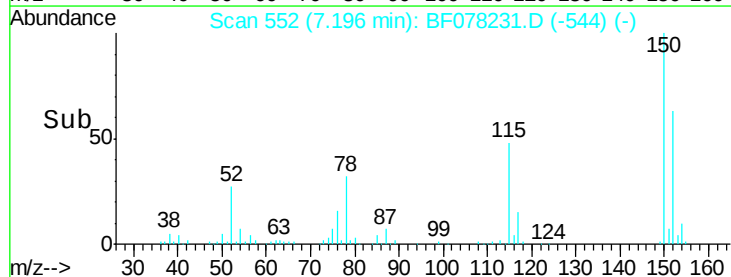
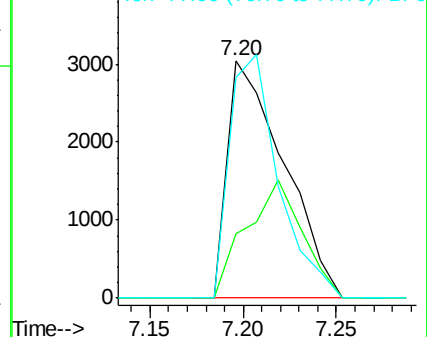
77 92.6 53.5 80.3#

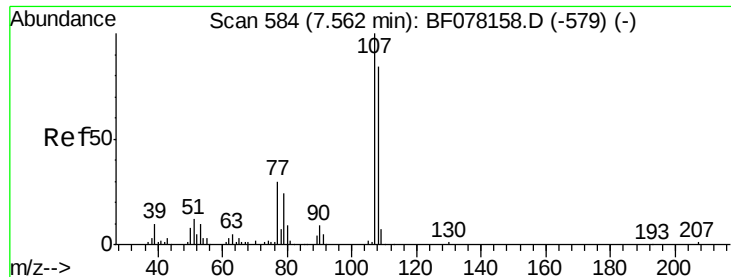


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#20

3+4-Methylphenols

Concen: 5.64 ng

RT: 7.57 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF078231.D

Acq: 3 Apr 2015 7:55

Instrument :

BNA_F

ClientSampleId :

STOCKPILE

Tgt Ion:107 Resp: 19018

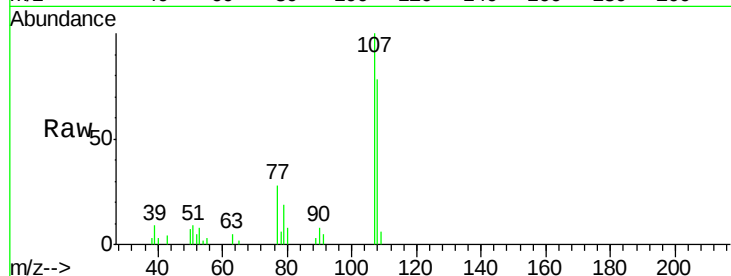
Ion Ratio Lower Upper

107 100

108 78.1 64.4 104.4

77 28.0 9.7 49.7

79 18.7 4.0 44.0

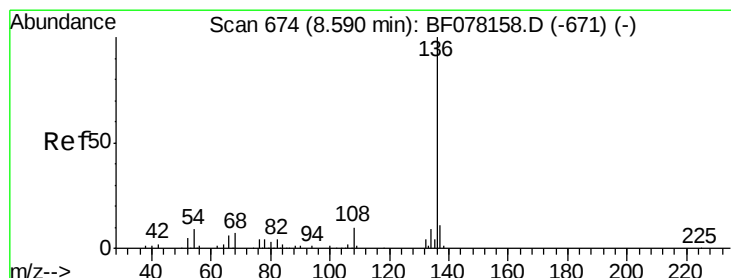
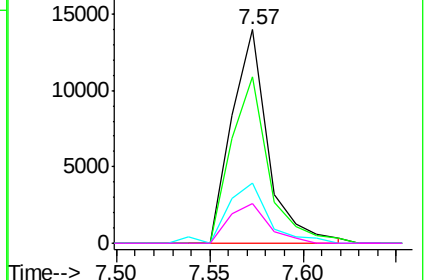
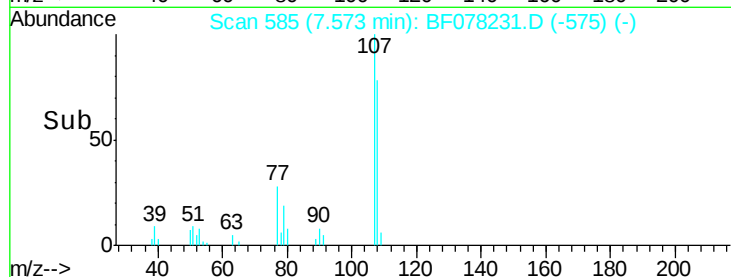


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF078231.D

Acq: 3 Apr 2015 7:55

Tgt Ion:136 Resp: 192788

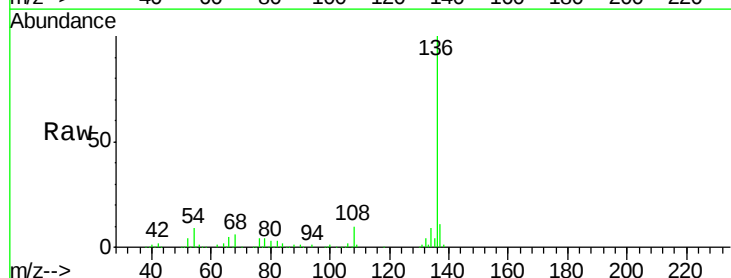
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.7 7.0 10.6

68 6.2 5.4 8.2

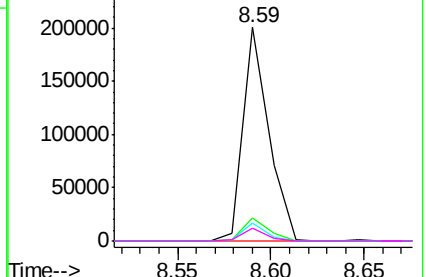
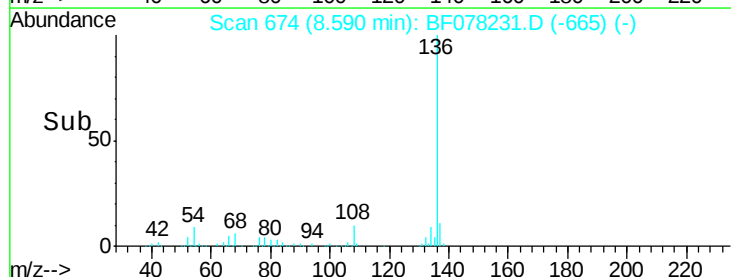


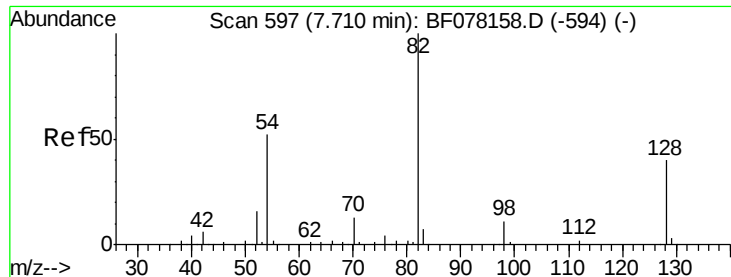
Abundance Ion 136.00 (135.70 to 136.70): E

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

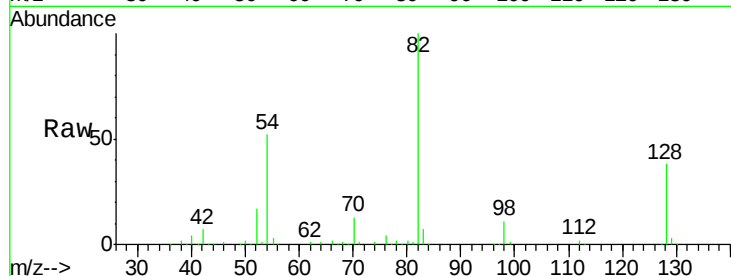




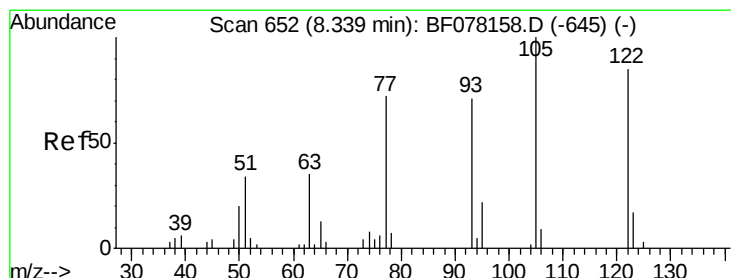
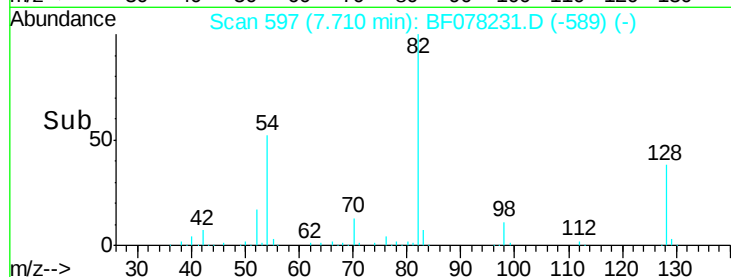
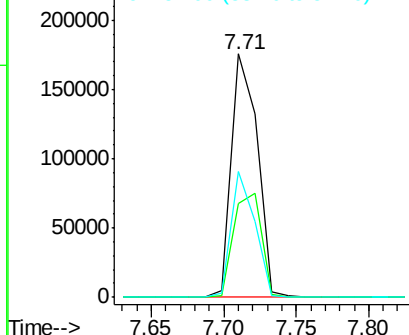
#23
 Nitrobenzene-d5
 Concen: 68.69 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF078231.D
 Acq: 3 Apr 2015 7:55

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.5	31.8	47.8
54	52.0	41.5	62.3

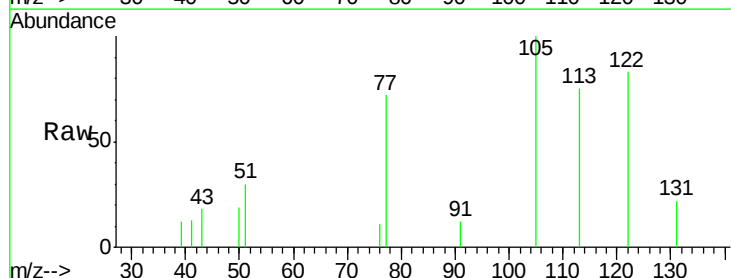


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

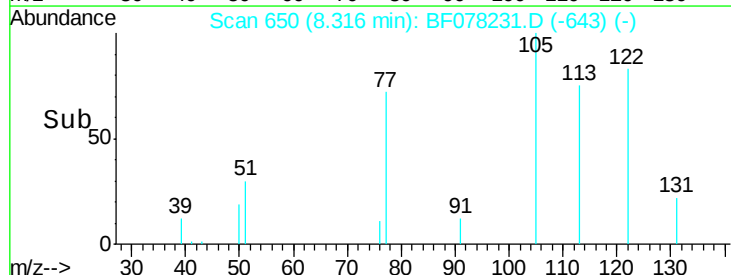
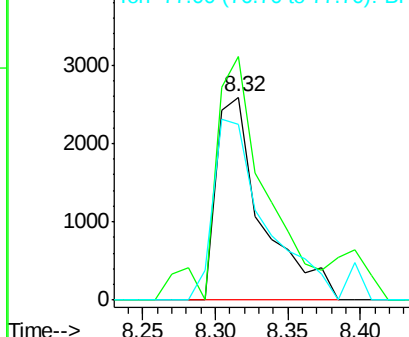


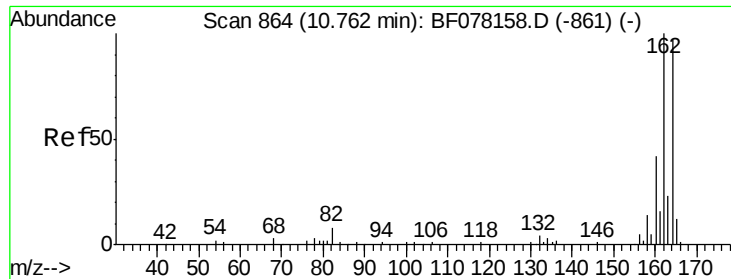
#32
 Benzoic acid
 Concen: 9.38 ng
 RT: 8.32 min Scan# 650
 Delta R.T. -0.02 min
 Lab File: BF078231.D
 Acq: 3 Apr 2015 7:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	96.1	136.1
77	86.6	64.1	104.1



Abundance Ion 122.00 (121.70 to 122.70): BF0
 Ion 105.00 (104.70 to 105.70): BF0
 Ion 77.00 (76.70 to 77.70): BF0

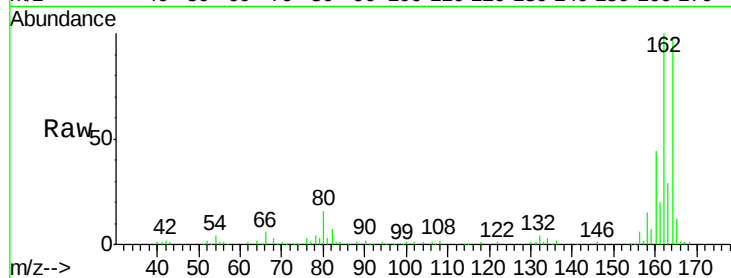




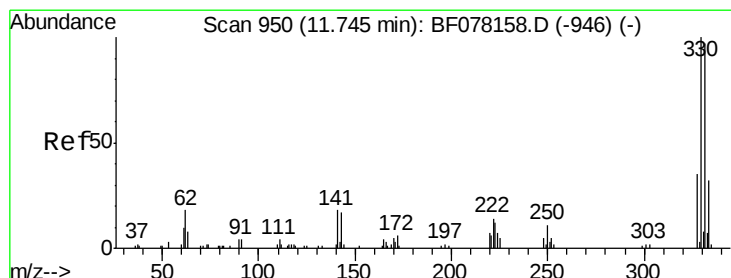
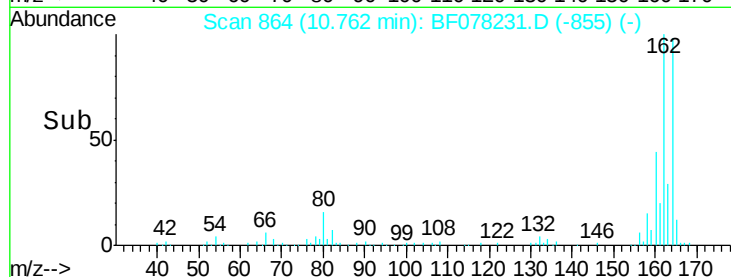
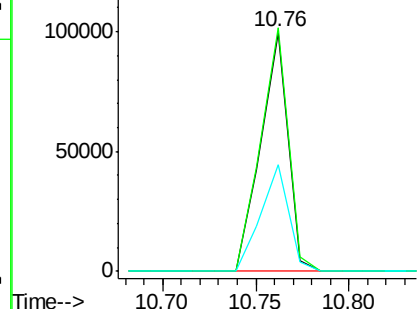
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF078231.D
 Acq: 3 Apr 2015 7:55

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Tgt Ion:164 Resp: 100739
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.2 123.2
 160 44.7 34.7 52.1

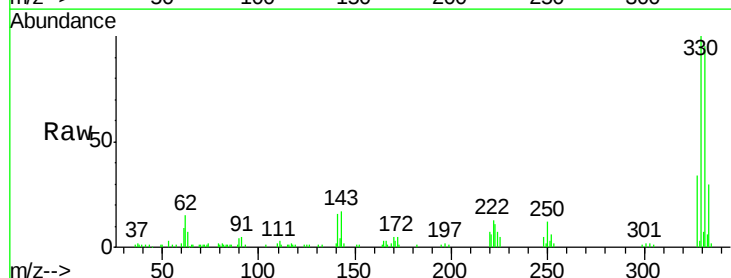


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

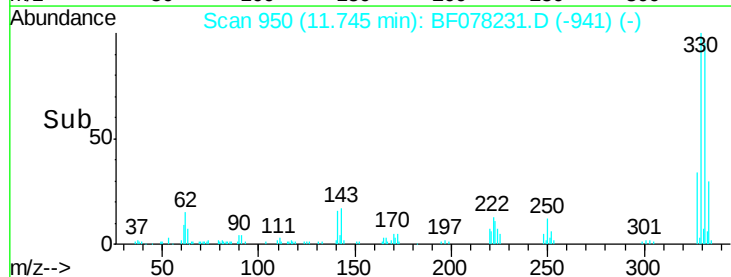
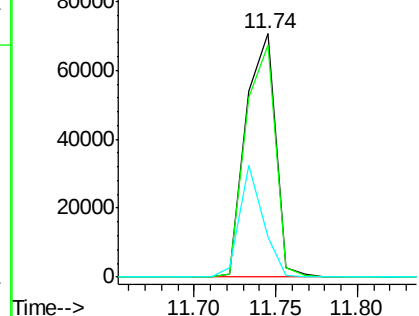


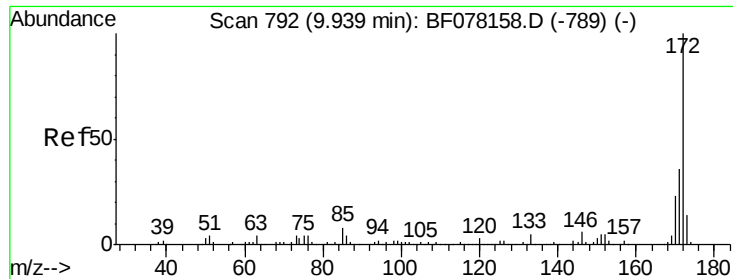
#41
 2,4,6-Tribromophenol
 Concen: 106.00 ng
 RT: 11.74 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF078231.D
 Acq: 3 Apr 2015 7:55

Tgt Ion:330 Resp: 88558
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.6 117.8
 141 36.8 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

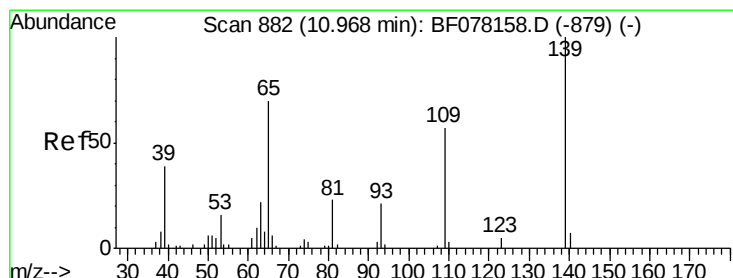
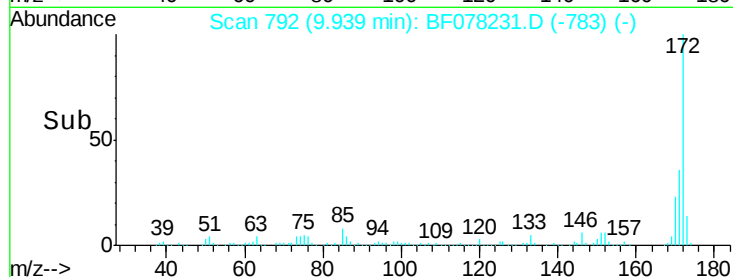
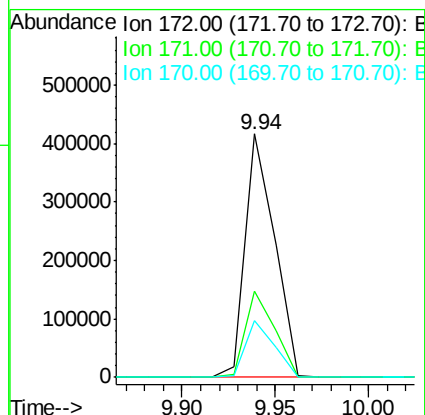
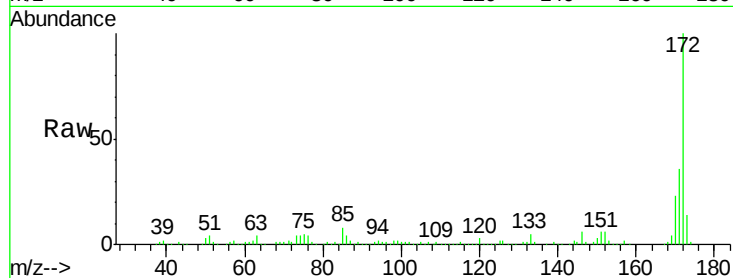




#44
 2-Fluorobiphenyl
 Concen: 64.50 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF078231.D
 Acq: 3 Apr 2015 7:55

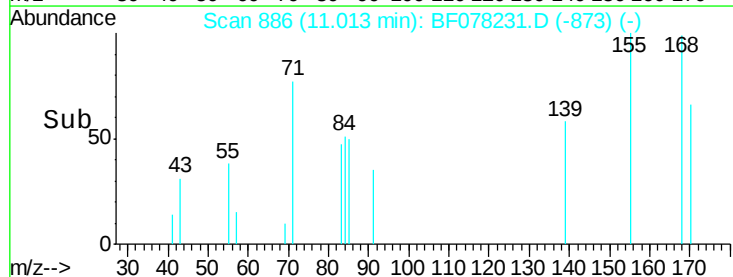
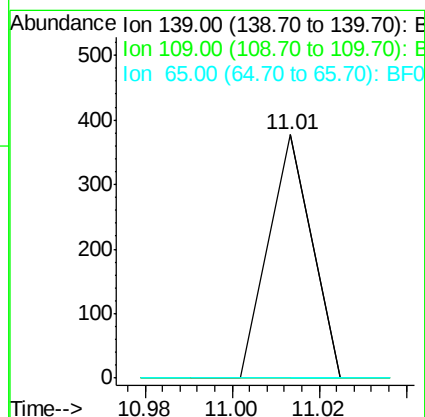
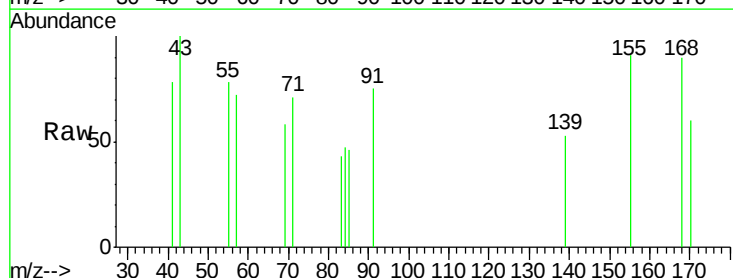
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 BNA_F
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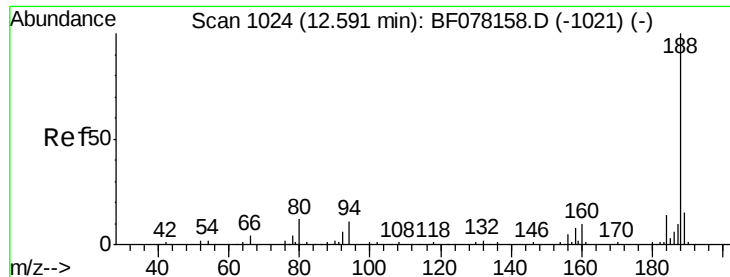
Tgt Ion:172 Resp: 454579
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.4 18.5 27.7



#55
 4-Nitrophenol
 Concen: 2.96 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.05 min
 Lab File: BF078231.D
 Acq: 3 Apr 2015 7:55

Tgt Ion:139 Resp: 258
 Ion Ratio Lower Upper
 139 100
 109 0.0 36.7 76.7#
 65 0.0 49.9 89.9#

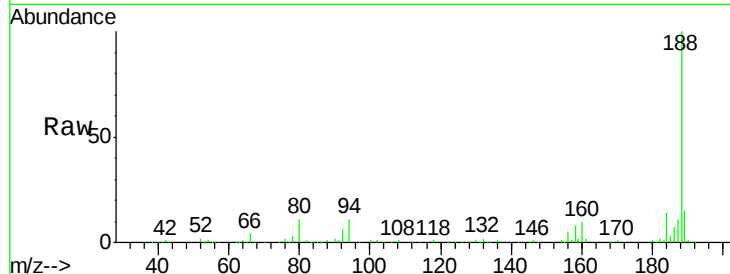




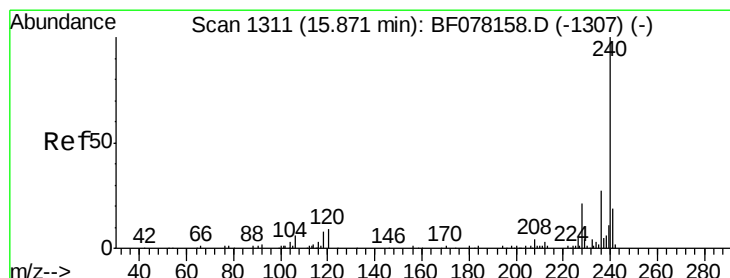
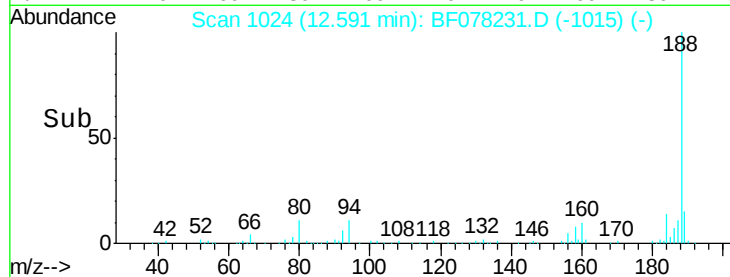
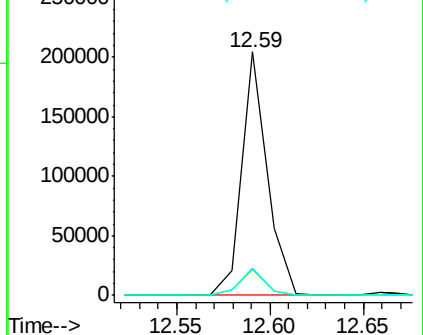
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF078231.D
Acq: 3 Apr 2015 7:55

Instrument :
BNA_F
ClientSampled :
STOCKPILE

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.4
80	11.2	9.5	14.3

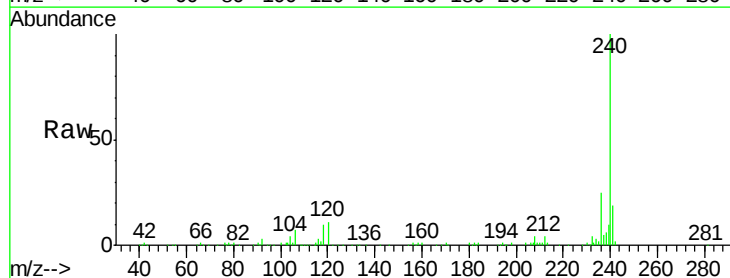


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

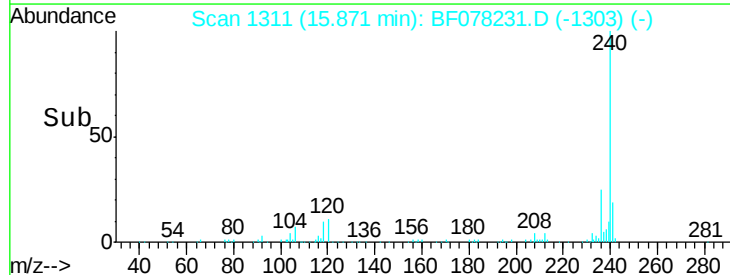
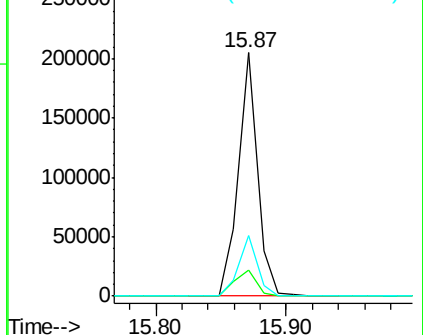


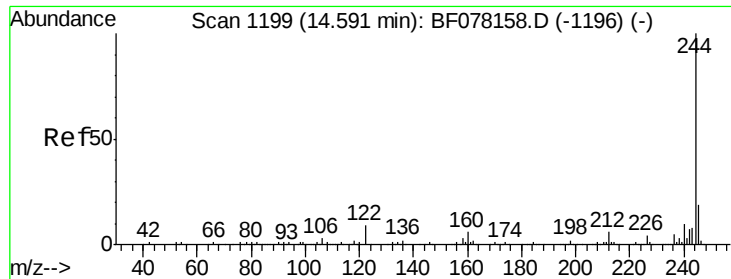
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.87 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF078231.D
Acq: 3 Apr 2015 7:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	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

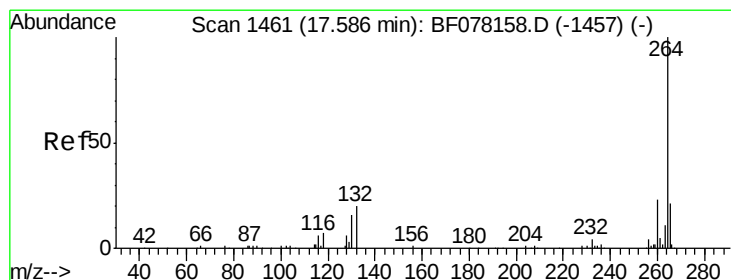
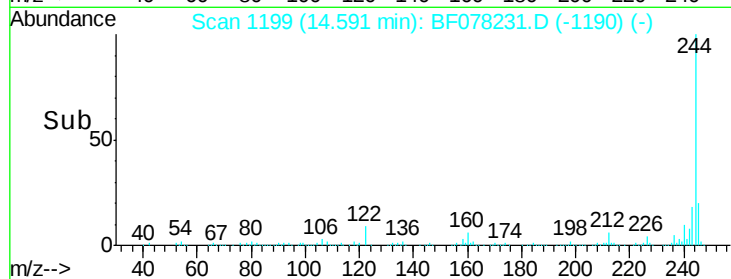
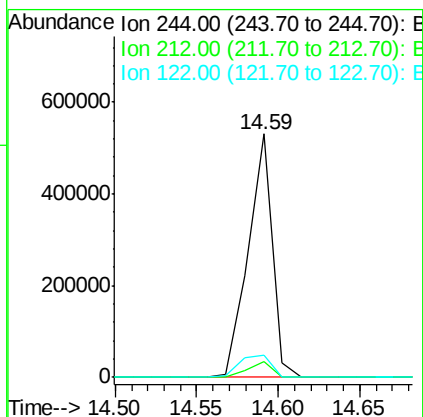
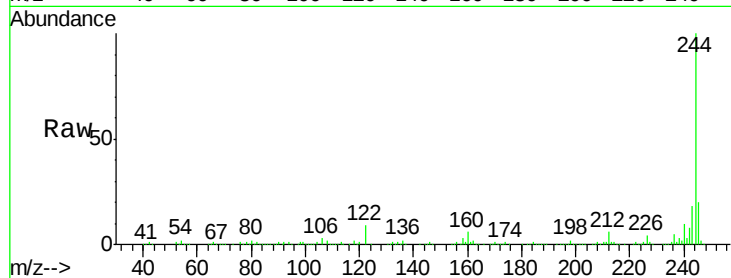




#78
 Terphenyl-d14
 Concen: 58.76 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF078231.D
 Acq: 3 Apr 2015 7:55

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE

Tgt Ion:244 Resp: 544989
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 9.3 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.63 min Scan# 1465
 Delta R.T. -0.03 min
 Lab File: BF078231.D
 Acq: 3 Apr 2015 7:55

Tgt Ion:264 Resp: 196826
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.3 17.0 25.6

