

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078321.D
 Acq On : 8 Apr 2015 4:38
 Operator : TP/IZ
 Sample : G1783-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-7

Quant Time: Apr 08 04:44:40 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

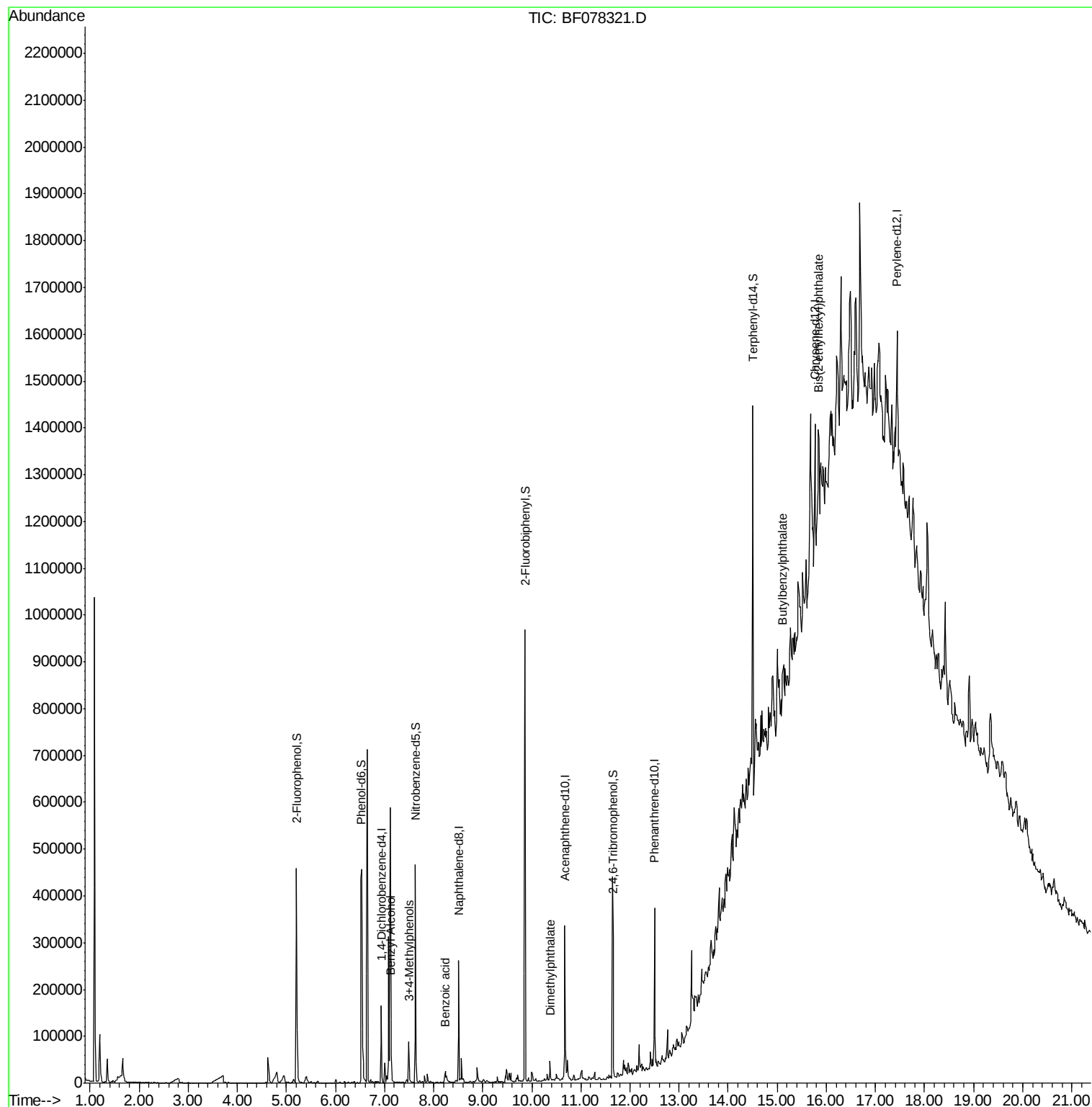
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	31356	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	130373	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	66826	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	129823	20.00	ng	0.00
75) Chrysene-d12	15.77	240	127336	20.00	ng	0.00
86) Perylene-d12	17.44	264	124655	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	196825	103.50	ng	0.01
7) Phenol-d6	6.53	99	254901	106.95	ng	0.01
23) Nitrobenzene-d5	7.63	82	146847	68.27	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	62566	112.89	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	306208	65.50	ng	0.00
78) Terphenyl-d14	14.50	244	339436	60.24	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.13	79	26028m	15.54	ng	
20) 3+4-Methylphenols	7.49	107	38950	16.72	ng	96
32) Benzoic acid	8.24	122	9995	15.17	ng	96
49) Dimethylphthalate	10.37	163	18638	3.71	ng	99
79) Butylbenzylphthalate	15.12	149	16033	5.26	ng	98
83) Bis(2-ethylhexyl)phthalate	15.85	149	70657	14.79	ng	100

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

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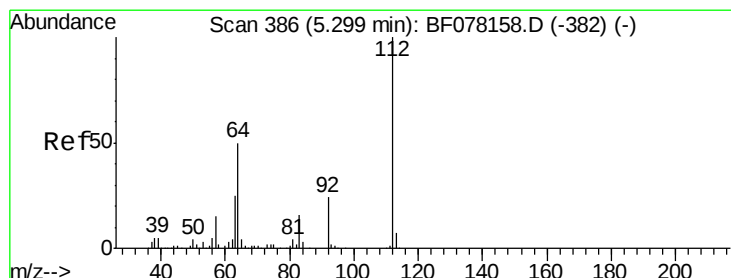
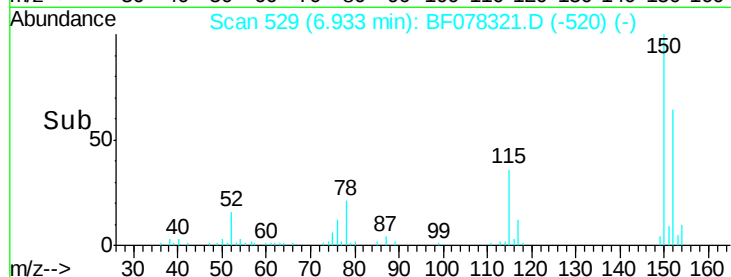
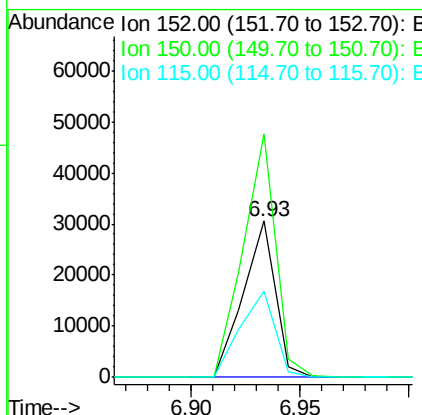
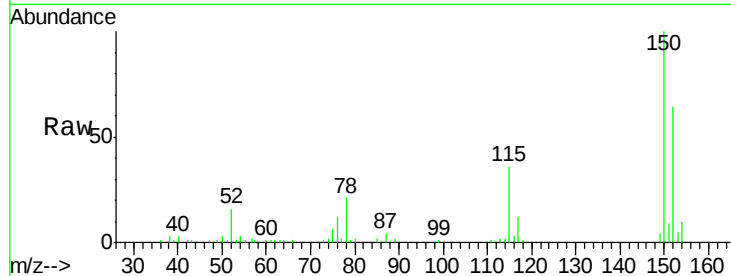




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF078321.D
 Acq: 8 Apr 2015 4:38

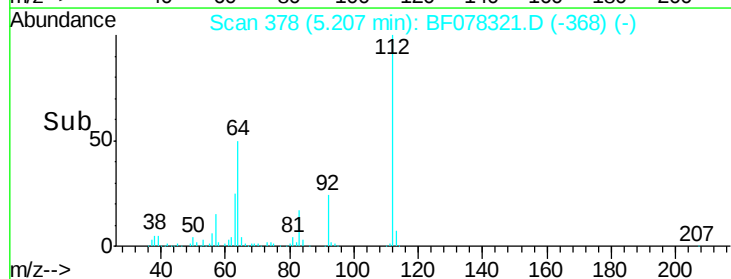
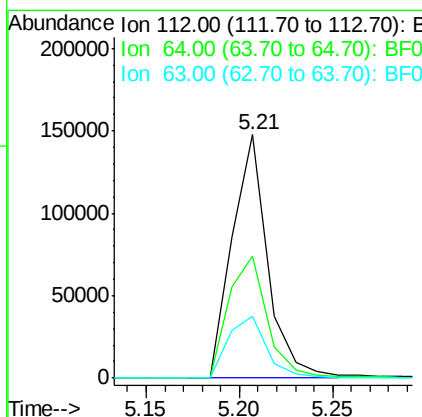
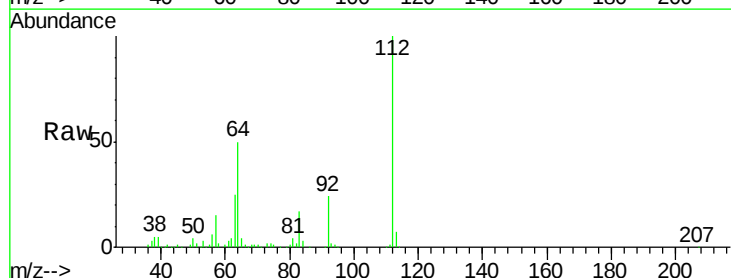
Instrument :
 BNA_F
 ClientSampleId :
 FD-7

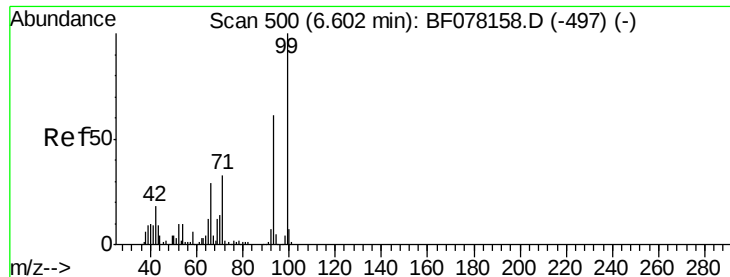
Tot Ion:152 Resp: 31356
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.9 188.9
 115 55.6 52.7 79.1



#5
 2-Fluorophenol
 Concen: 103.50 ng
 RT: 5.21 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: BF078321.D
 Acq: 8 Apr 2015 4:38

Tgt Ion:112 Resp: 196825
 Ion Ratio Lower Upper
 112 100
 64 50.1 39.9 59.9
 63 25.3 20.2 30.4





#7

Phenol-d6

Concen: 106.95 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078321.D

Acq: 8 Apr 2015 4:38

Instrument :

BNA_F

ClientSampleId :

FD-7

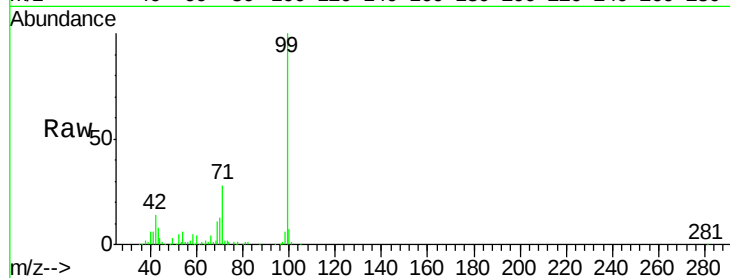
Tot Ion: 99 Resp: 254901

Ion Ratio Lower Upper

99 100

42 14.2 14.8 22.2#

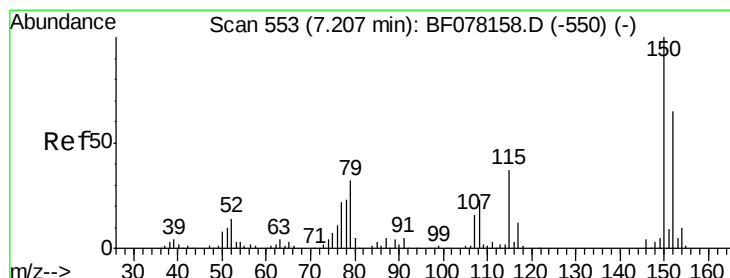
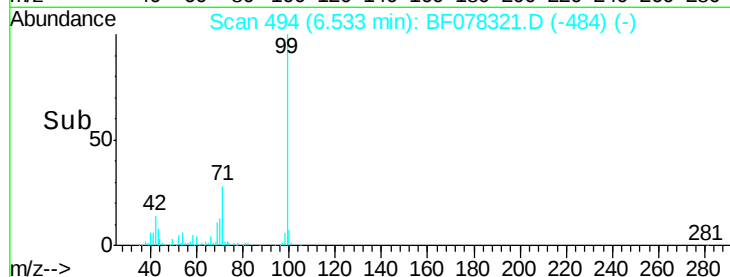
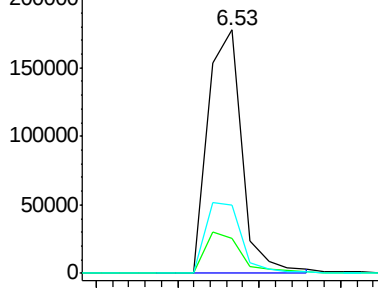
71 27.8 26.6 39.8



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: 15.54 ng m

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF078321.D

Acq: 8 Apr 2015 4:38

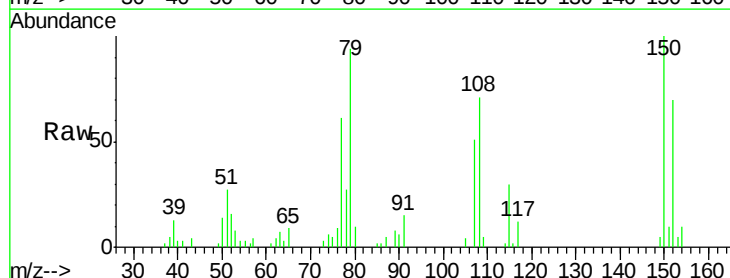
Tgt Ion: 79 Resp: 26028

Ion Ratio Lower Upper

79 100

108 75.9 57.6 86.4

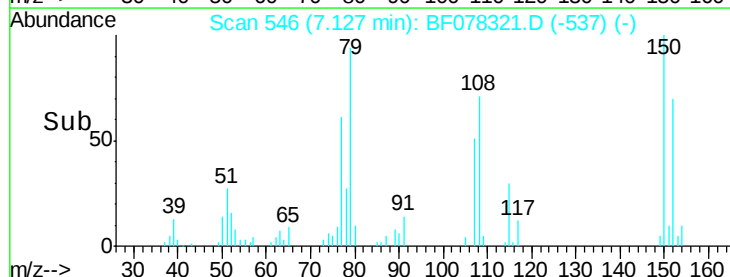
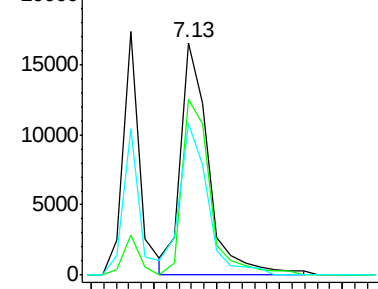
77 65.1 53.5 80.3

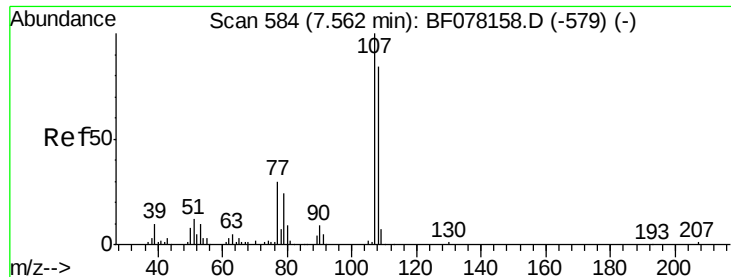


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#20

3+4-Methylphenols

Concen: 16.72 ng

RT: 7.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF078321.D

Acq: 8 Apr 2015 4:38

Instrument :

BNA_F

ClientSampleId :

FD-7

Tot Ion:107 Resp: 38950

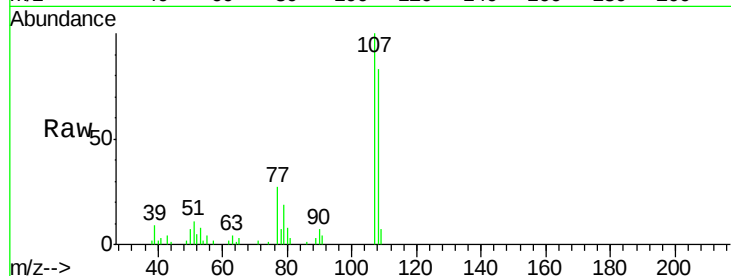
Ion Ratio Lower Upper

107 100

108 82.5 64.4 104.4

77 27.1 9.7 49.7

79 19.4 4.0 44.0

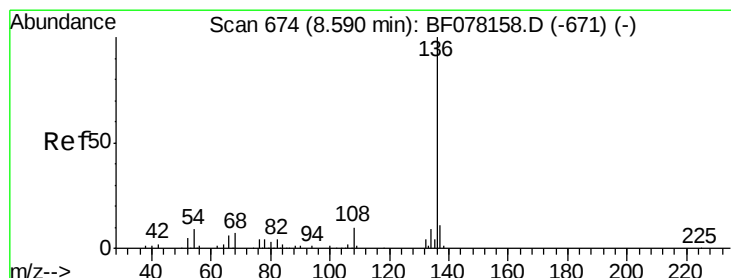
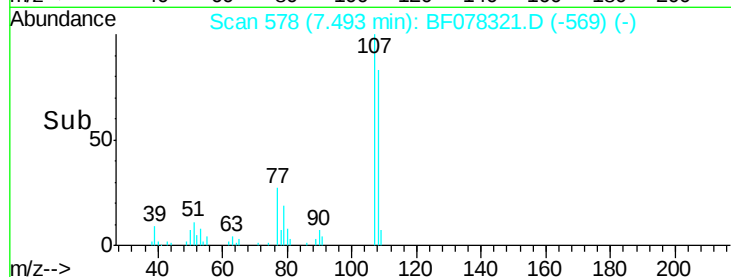
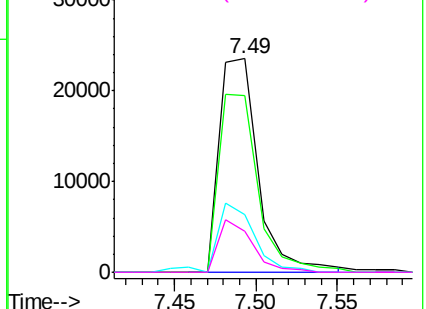


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF078321.D

Acq: 8 Apr 2015 4:38

Tgt Ion:136 Resp: 130373

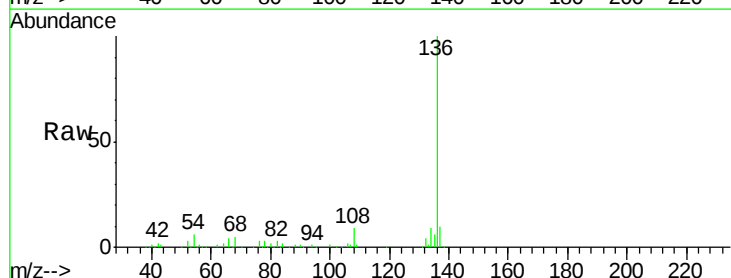
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 6.0 7.0 10.6#

68 5.0 5.4 8.2#

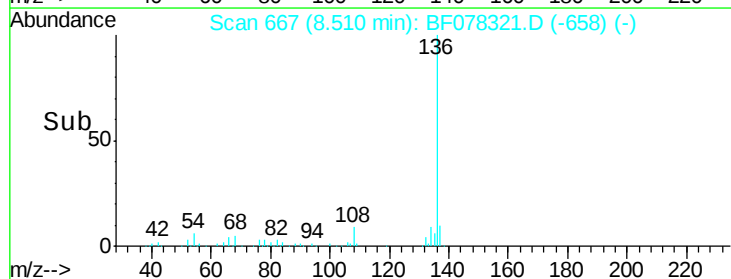
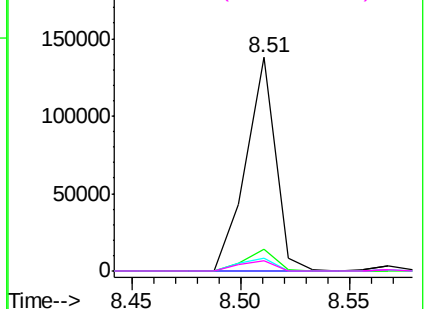


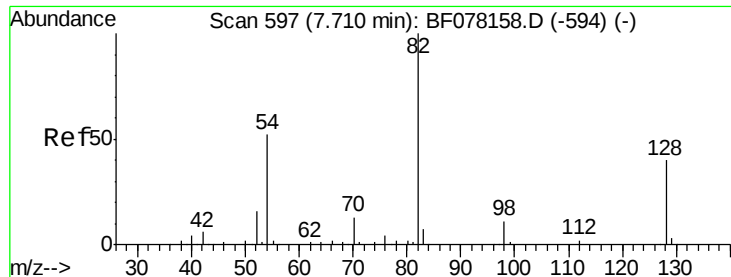
Abundance Ion 136.00 (135.70 to 136.70): E

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

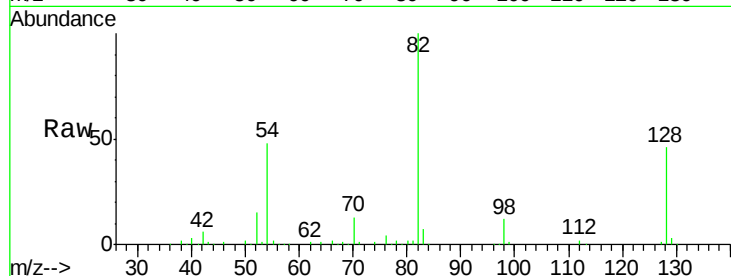




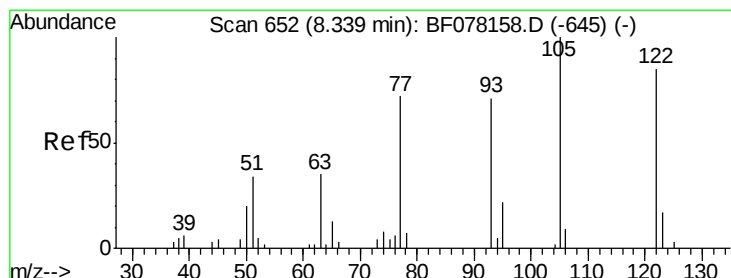
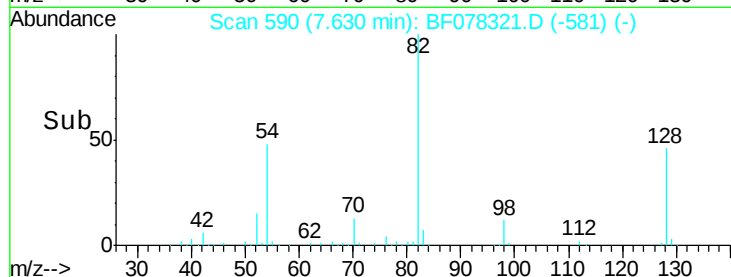
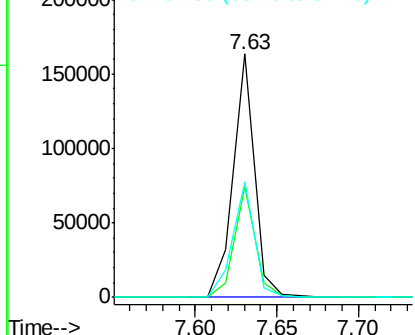
#23
Nitrobenzene-d5
Concen: 68.27 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF078321.D
Acq: 8 Apr 2015 4:38

Instrument :
BNA_F
ClientSampled :
FD-7

Tot Ion	82	Resp	146847
Ion Ratio	100	Lower	Upper
128	45.5	31.8	47.8
54	47.6	41.5	62.3

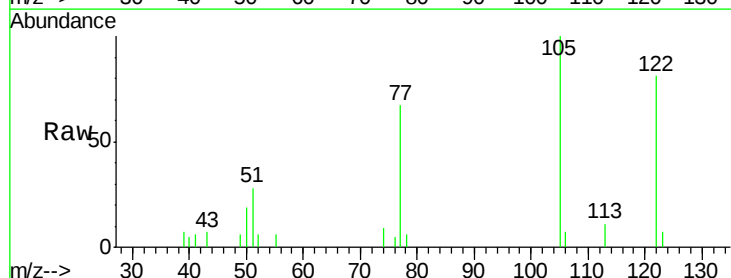


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

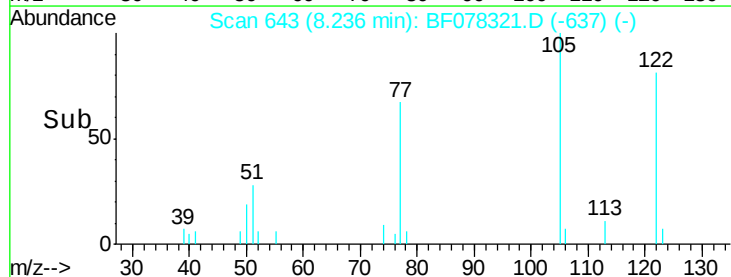
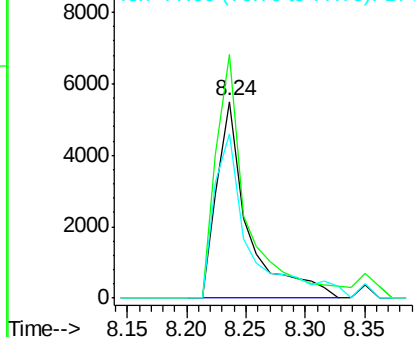


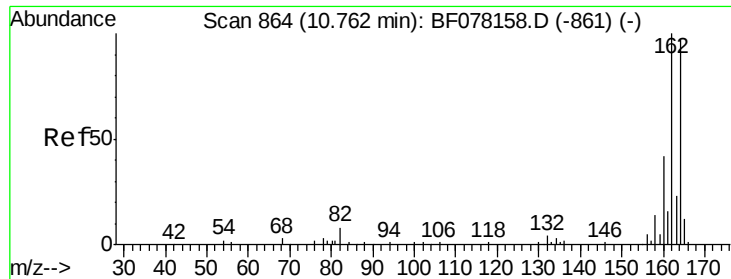
#32
Benzoic acid
Concen: 15.17 ng
RT: 8.24 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF078321.D
Acq: 8 Apr 2015 4:38

Tgt Ion	122	Resp	9995
Ion Ratio	100	Lower	Upper
105	123.8	96.1	136.1
77	83.5	64.1	104.1



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF078321.D

Acq: 8 Apr 2015 4:38

Instrument :

BNA_F

ClientSampleId :

FD-7

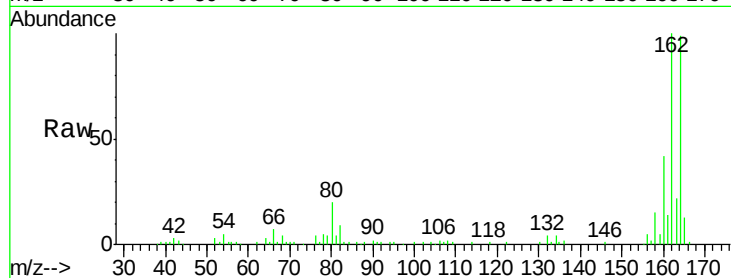
Tot Ion:164 Resp: 66826

Ion Ratio Lower Upper

164 100

162 101.5 82.2 123.2

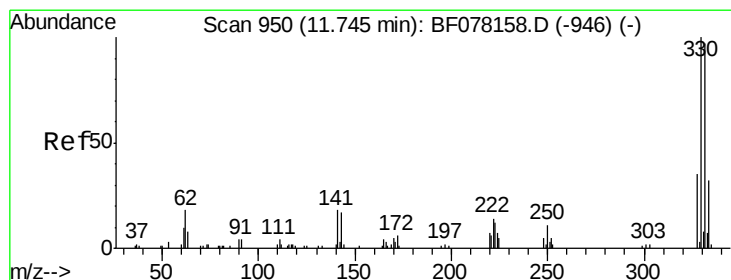
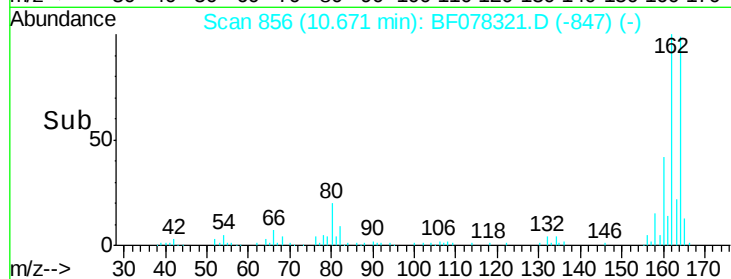
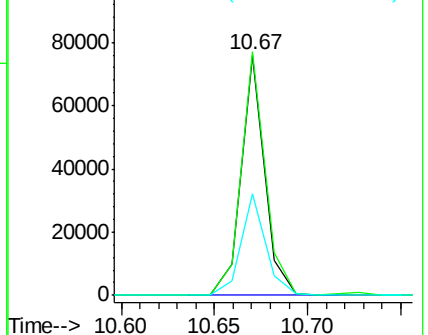
160 42.5 34.7 52.1



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: 112.89 ng

RT: 11.65 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF078321.D

Acq: 8 Apr 2015 4:38

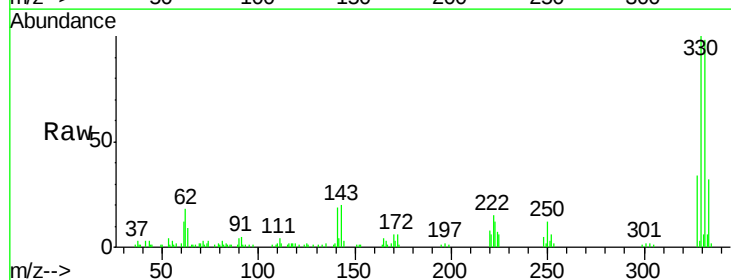
Tgt Ion:330 Resp: 62566

Ion Ratio Lower Upper

330 100

332 96.9 78.6 117.8

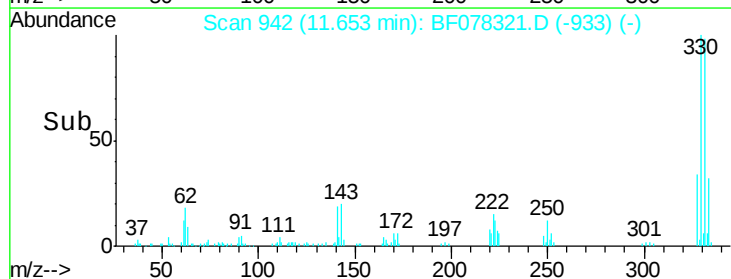
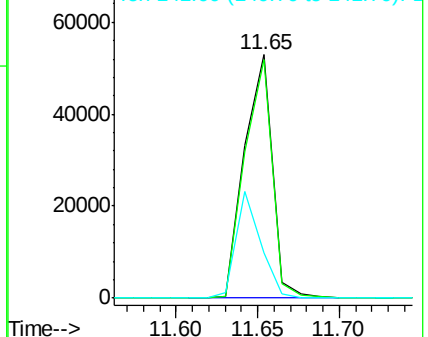
141 38.5 31.2 46.8

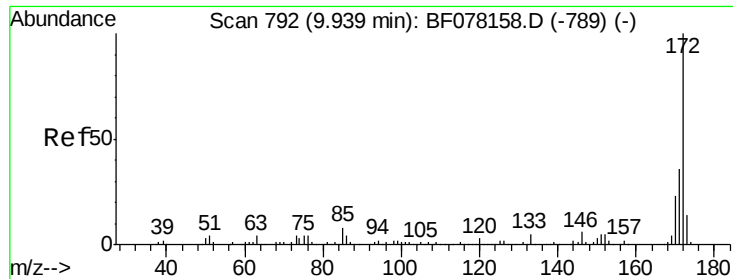


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

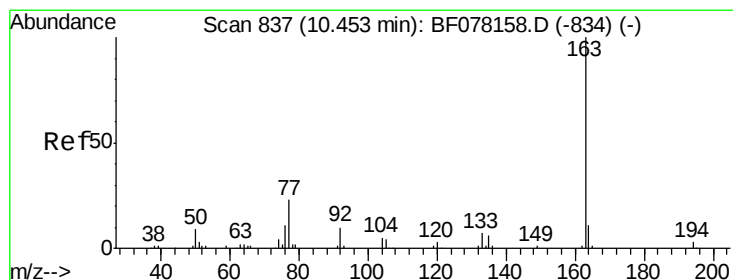
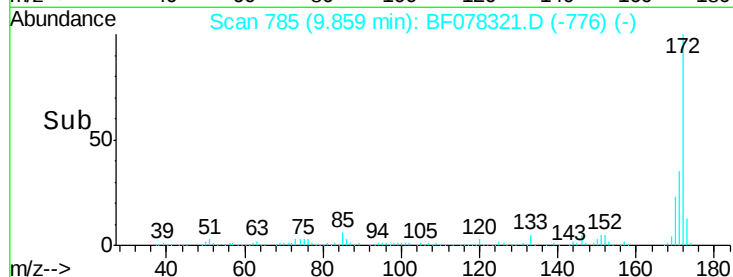
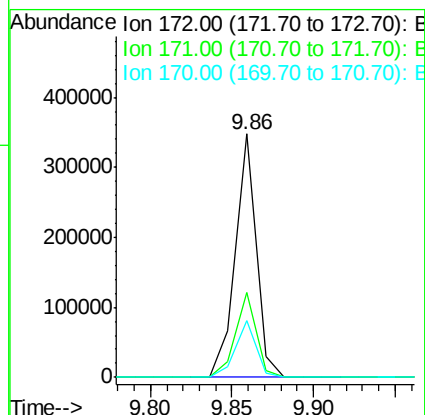
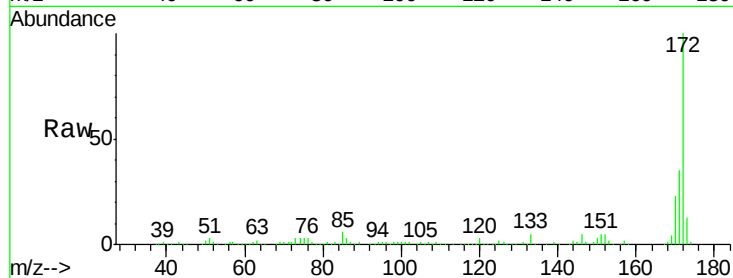




#44
2-Fluorobiphenyl
Concen: 65.50 ng
RT: 9.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF078321.D
Acq: 8 Apr 2015 4:38

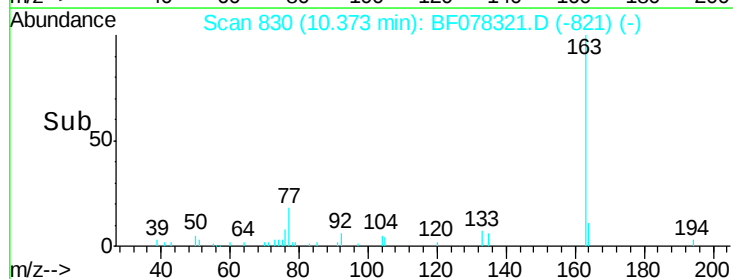
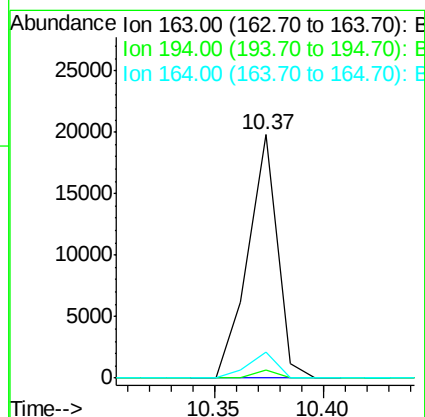
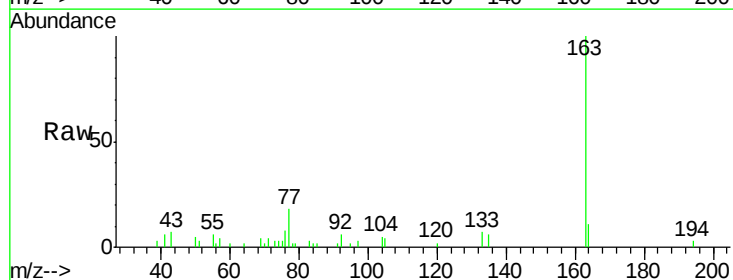
Instrument :
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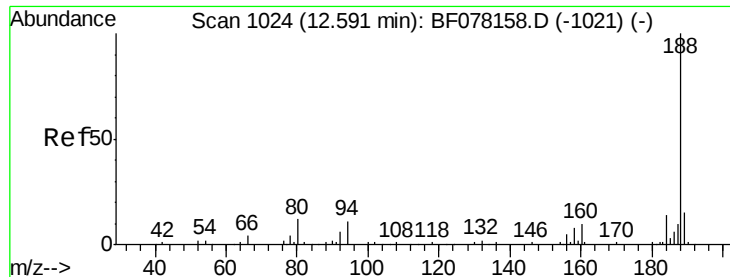
Tot Ion:172 Resp: 306208
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.5 18.5 27.7



#49
Dimethylphthalate
Concen: 3.71 ng
RT: 10.37 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF078321.D
Acq: 8 Apr 2015 4:38

Tgt Ion:163 Resp: 18638
Ion Ratio Lower Upper
163 100
194 3.4 2.3 3.5
164 10.5 8.6 13.0

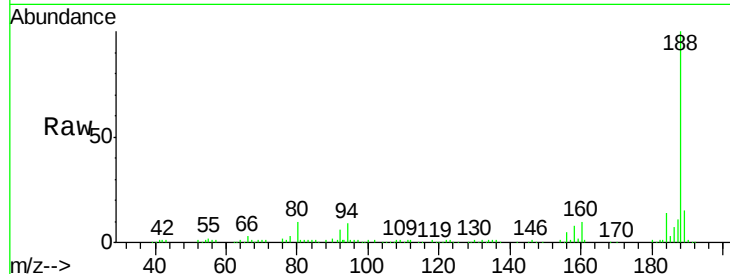




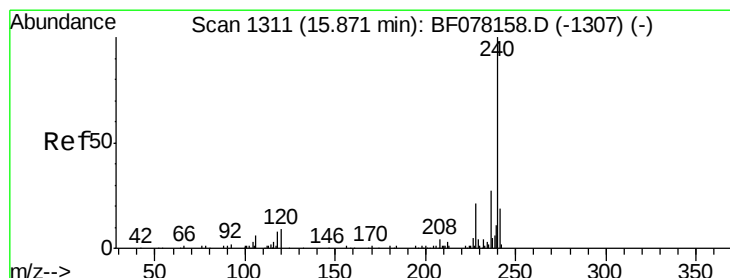
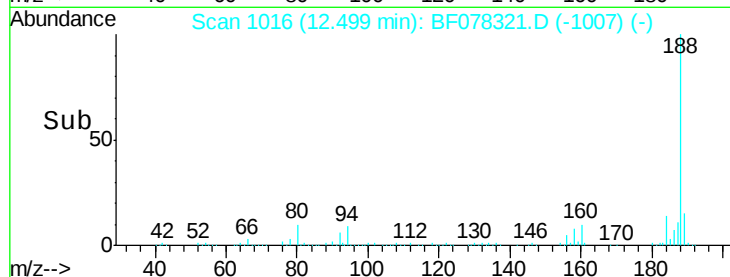
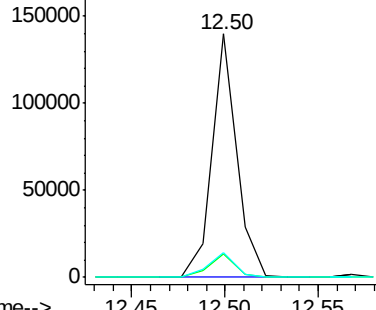
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF078321.D
Acq: 8 Apr 2015 4:38

Instrument :
BNA_F
ClientSampled :
FD-7

Tot Ion:188 Resp: 129823
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.4
80 9.9 9.5 14.3

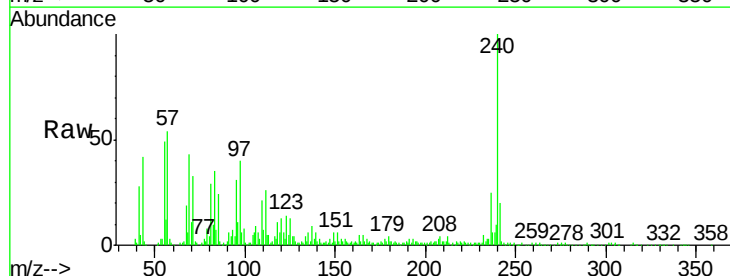


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

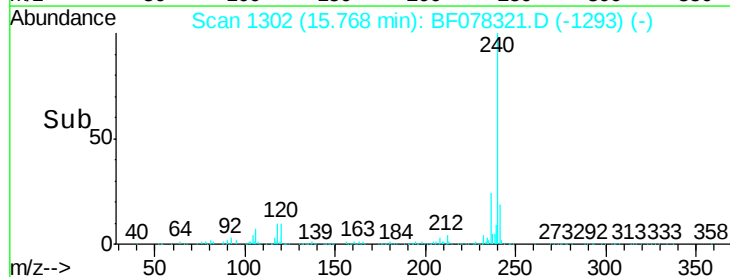
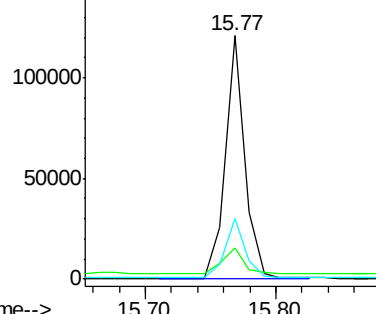


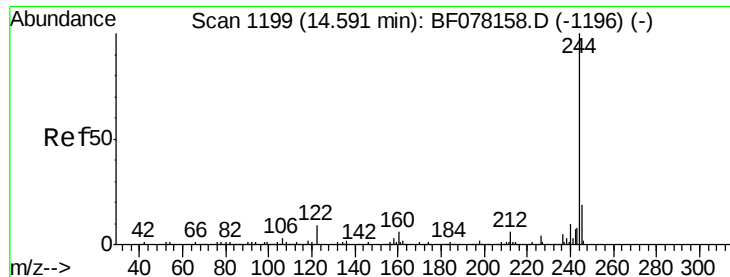
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF078321.D
Acq: 8 Apr 2015 4:38

Tgt Ion:240 Resp: 127336
Ion Ratio Lower Upper
240 100
120 12.9 7.1 10.7#
236 24.9 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: 60.24 ng

RT: 14.50 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF078321.D

Acq: 8 Apr 2015 4:38

Instrument :

BNA_F

ClientSampleId :

FD-7

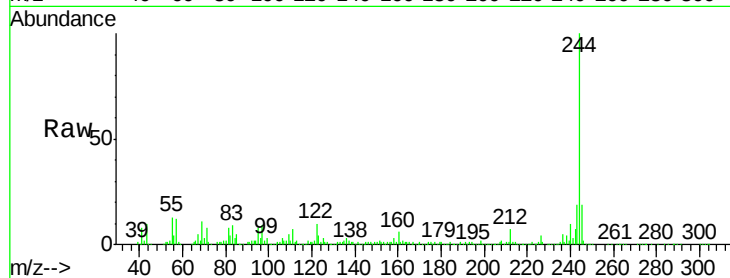
Tot Ion:244 Resp: 339436

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

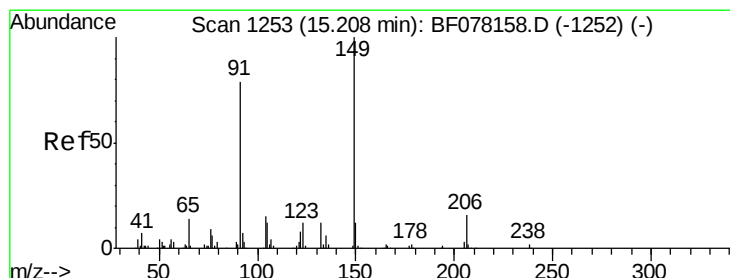
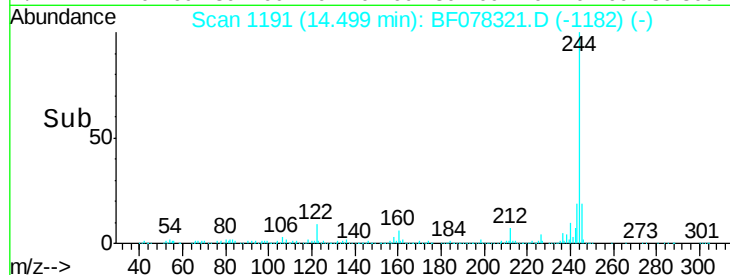
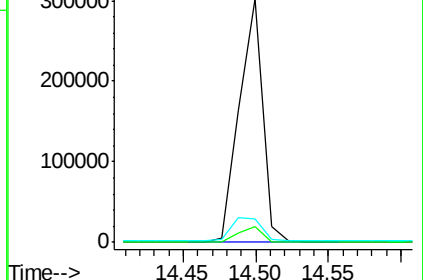
122 9.5 7.1 10.7



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



#79

Butylbenzylphthalate

Concen: 5.26 ng

RT: 15.12 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BF078321.D

Acq: 8 Apr 2015 4:38

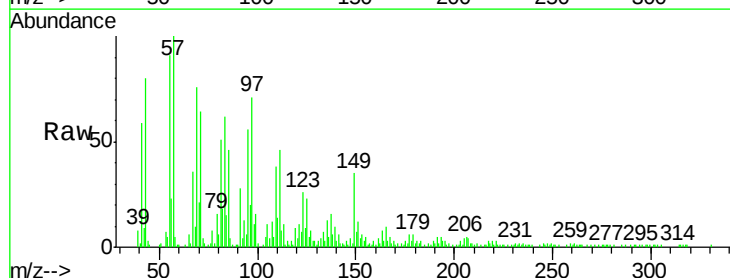
Tgt Ion:149 Resp: 16033

Ion Ratio Lower Upper

149 100

91 82.1 64.2 96.2

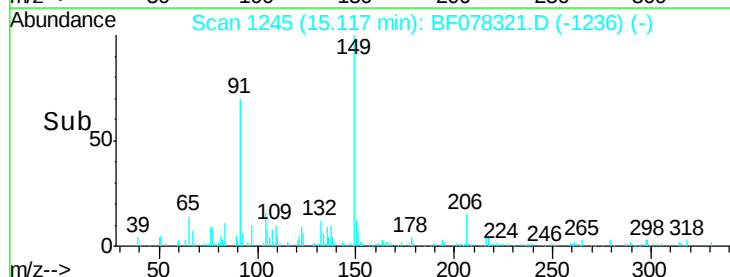
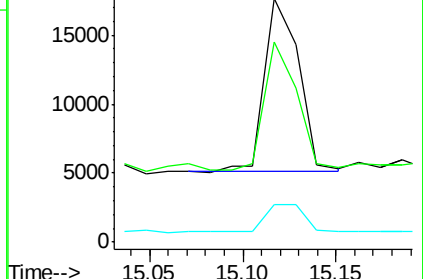
206 15.3 12.6 18.8

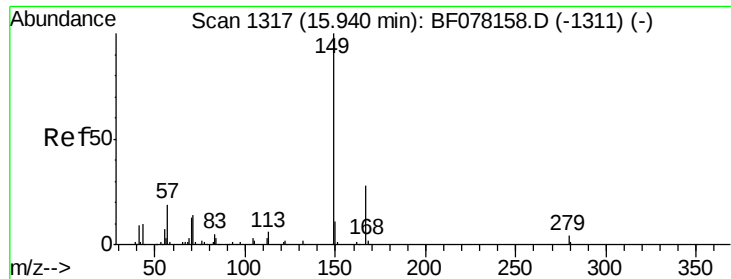


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 14.79 ng

RT: 15.85 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF078321.D

Acq: 8 Apr 2015 4:38

Instrument :

BNA_F

ClientSampleId :

FD-7

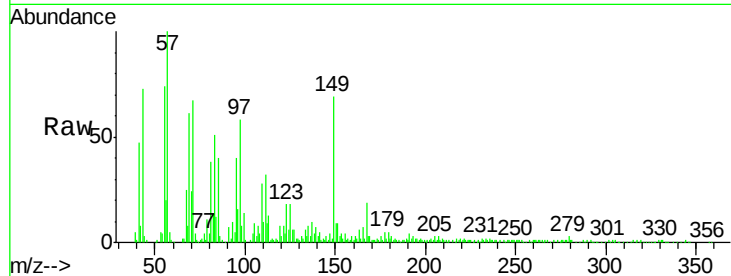
Tot Ion:149 Resp: 70657

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

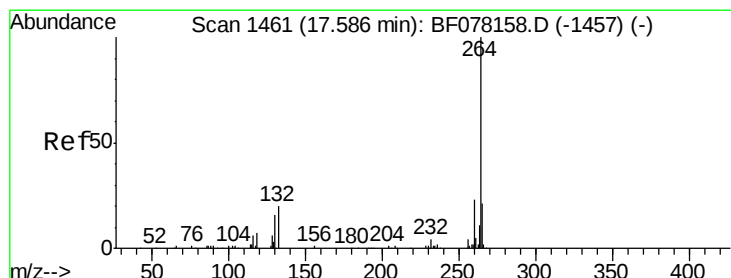
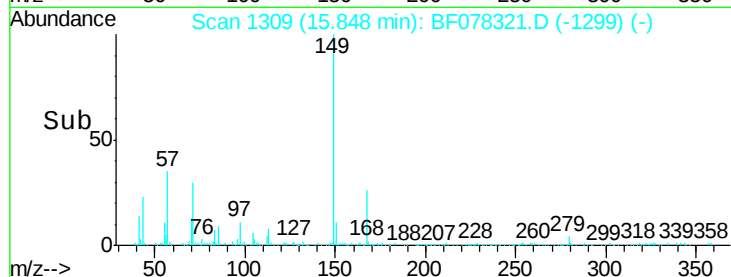
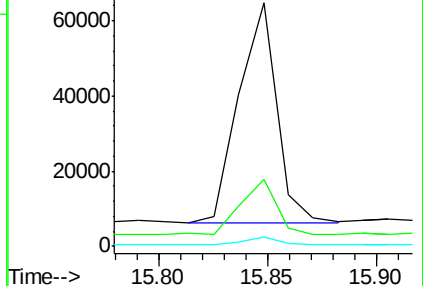
279 4.1 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.44 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF078321.D

Acq: 8 Apr 2015 4:38

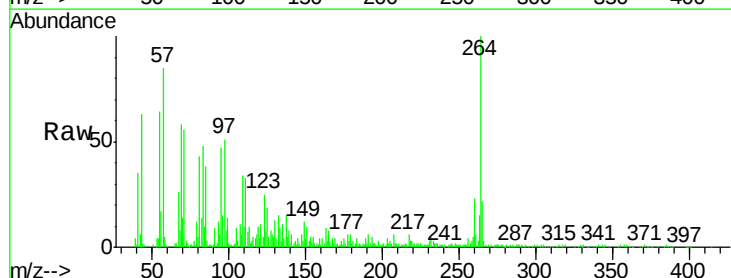
Tgt Ion:264 Resp: 124655

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.7 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

