

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078020.D
 Acq On : 27 Mar 2015 4:33
 Operator : TP/IZ
 Sample : G1653-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD6

Quant Time: Mar 27 07:58:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 05:57:29 2015
 Response via : Initial Calibration

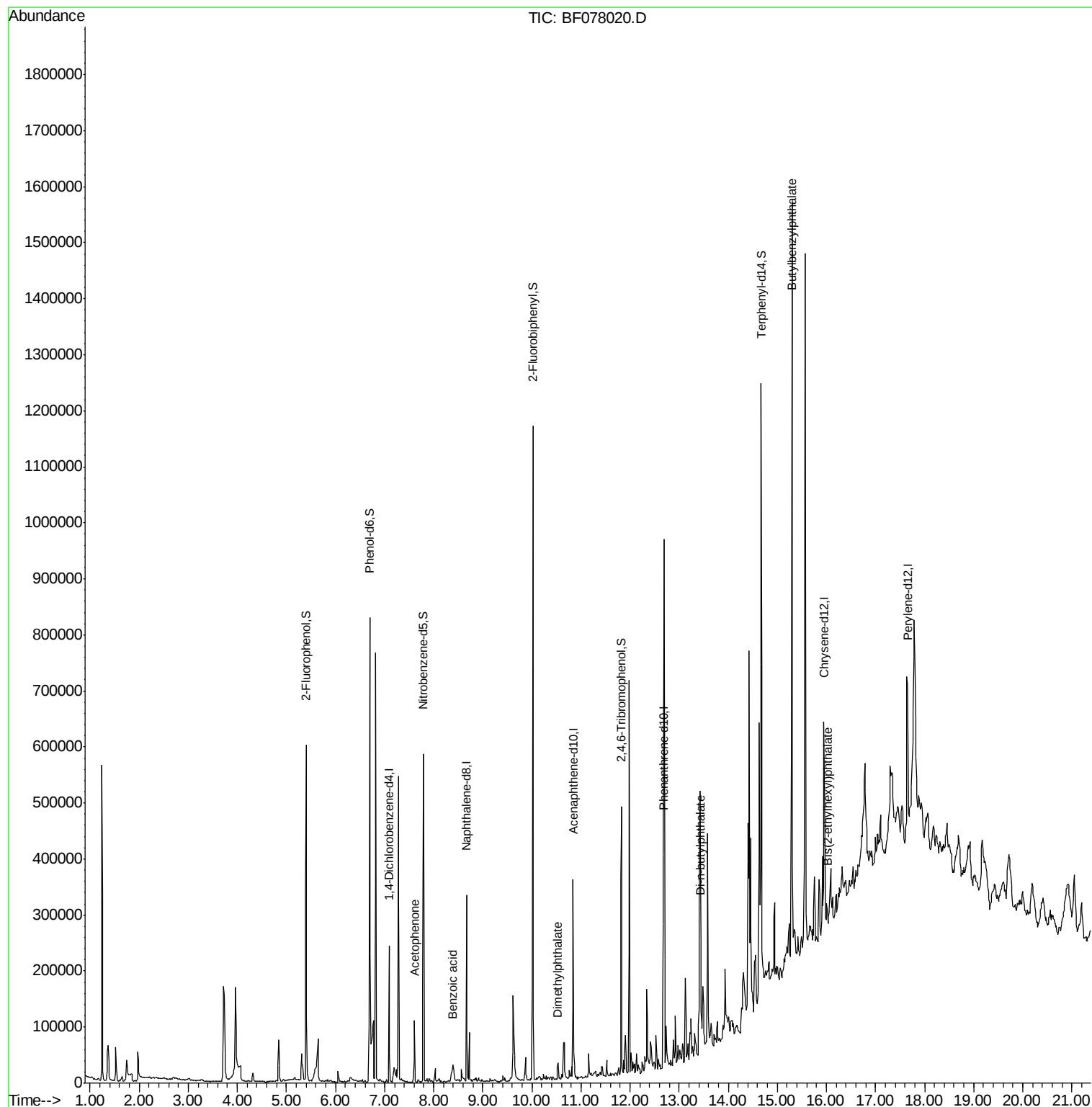
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	36733	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	149804	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	75628	20.00	ng	0.00
63) Phenanthrene-d10	12.68	188	147728	20.00	ng	0.01
75) Chrysene-d12	15.95	240	155509	20.00	ng	0.00
86) Perylene-d12	17.65	264	151340	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	222892	105.92	ng	0.03
7) Phenol-d6	6.69	99	288292	110.88	ng	0.02
23) Nitrobenzene-d5	7.79	82	164829	72.13	ng	0.00
41) 2,4,6-Tribromophenol	11.82	330	72823	100.64	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	348693	67.76	ng	0.00
78) Terphenyl-d14	14.67	244	390385	61.32	ng	0.00
Target Compounds						Qvalue
22) Acetophenone	7.61	105	30980	9.34	ng	95
32) Benzoic acid	8.38	122	10297	10.96	ng	95
49) Dimethylphthalate	10.53	163	13708	2.44	ng	# 97
73) Di-n-butylphthalate	13.44	149	64864	7.26	ng	99
79) Butylbenzylphthalate	15.30	149	337831	87.62	ng	92
83) Bis(2-ethylhexyl)phthalate	16.02	149	13087	2.24	ng	96

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

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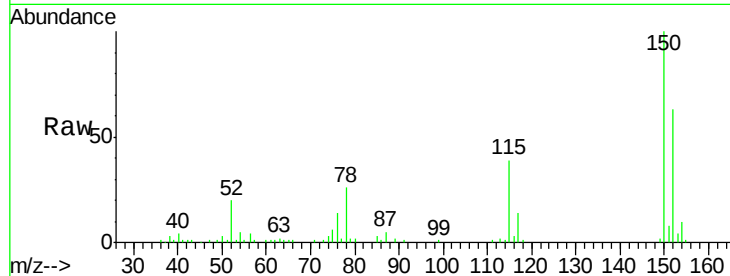




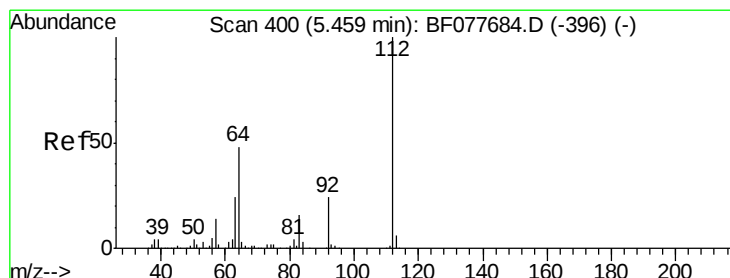
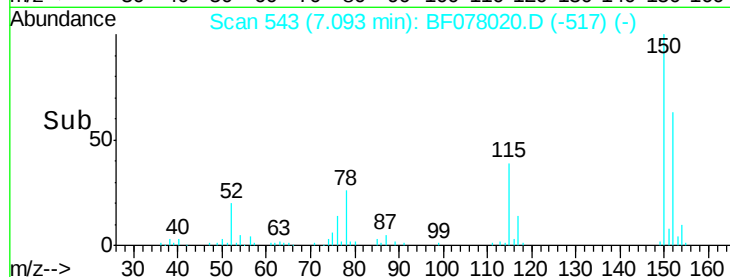
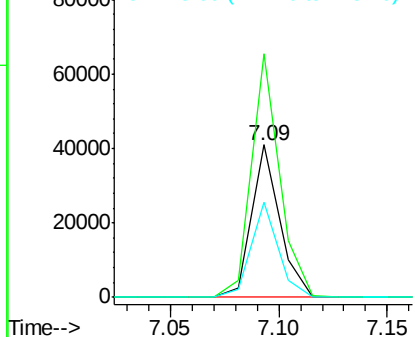
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078020.D
 Acq: 27 Mar 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 FD6

Tgt Ion:152 Resp: 36733
 Ion Ratio Lower Upper
 152 100
 150 159.8 119.5 179.3
 115 62.1 43.0 64.4

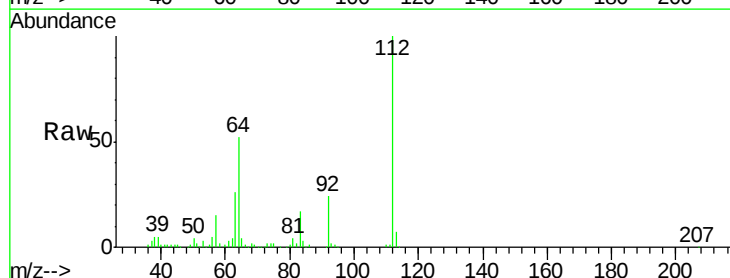


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

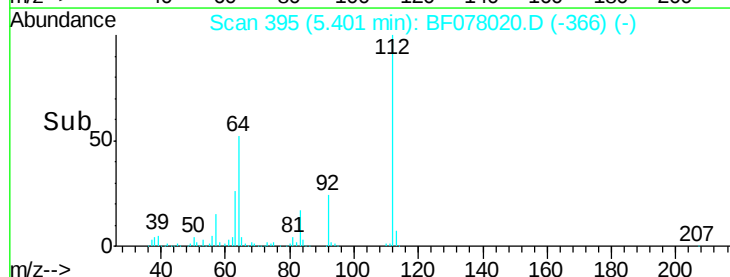
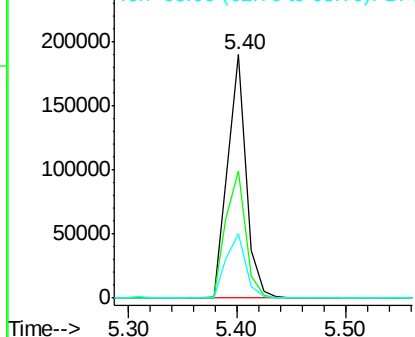


#5
 2-Fluorophenol
 Concen: 105.92 ng
 RT: 5.40 min Scan# 395
 Delta R.T. 0.03 min
 Lab File: BF078020.D
 Acq: 27 Mar 2015 4:33

Tgt Ion:112 Resp: 222892
 Ion Ratio Lower Upper
 112 100
 64 52.3 38.6 57.8
 63 26.2 19.3 28.9



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: 110.88 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.02 min

Lab File: BF078020.D

Acq: 27 Mar 2015 4:33

Instrument :

BNA_F

ClientSampleId :

FD6

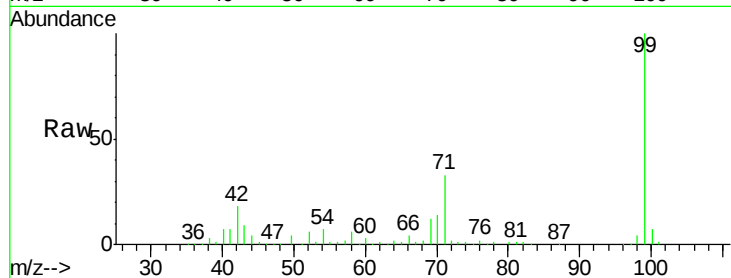
Tgt Ion: 99 Resp: 288292

Ion Ratio Lower Upper

99 100

42 17.8 11.0 16.4#

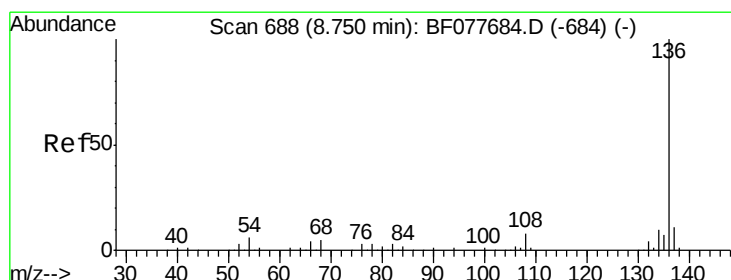
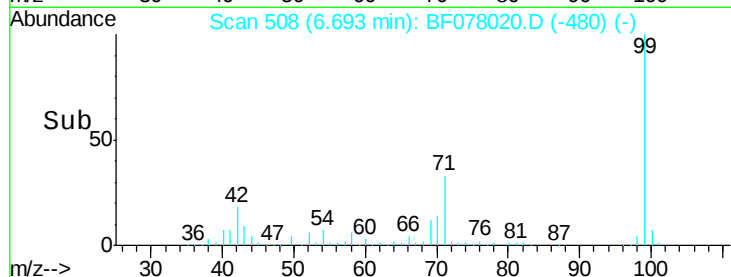
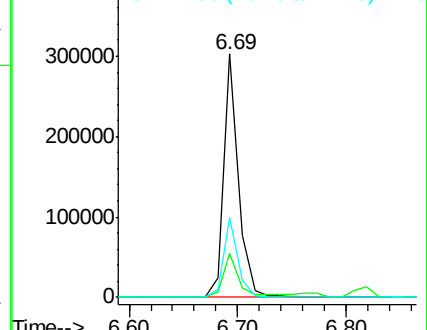
71 32.9 23.4 35.2



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: 8.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF078020.D

Acq: 27 Mar 2015 4:33

Tgt Ion: 136 Resp: 149804

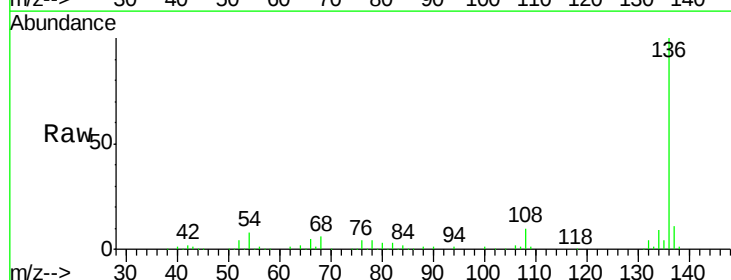
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.8 4.6 6.8#

68 6.4 3.7 5.5#

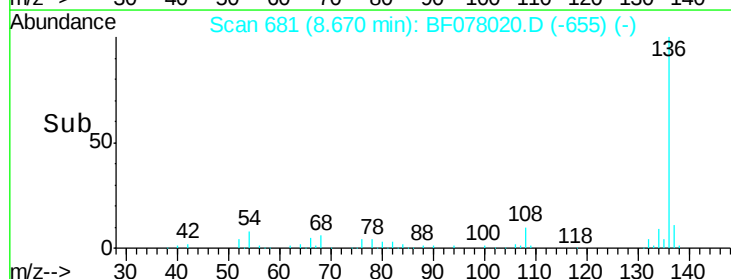
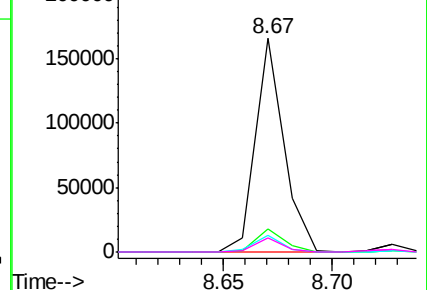


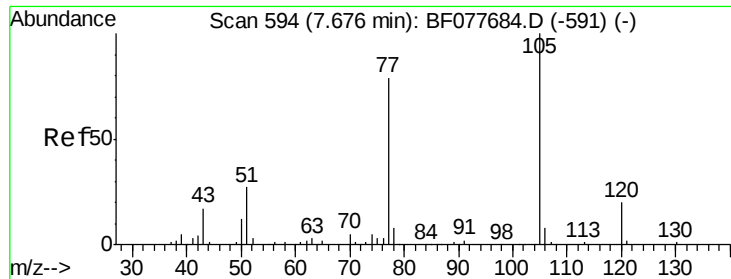
Abundance Ion 136.00 (135.70 to 136.70): E

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

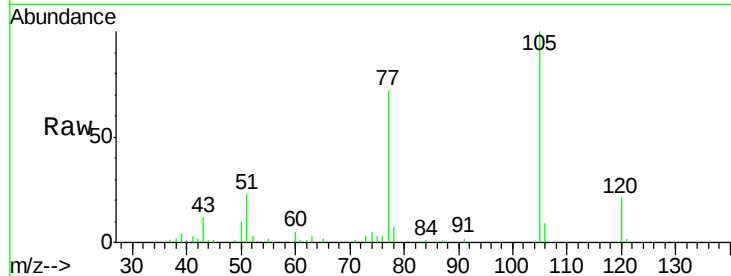




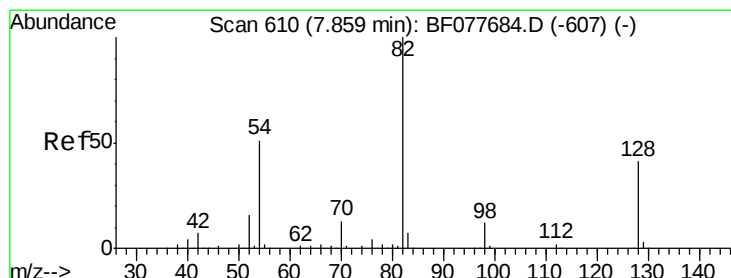
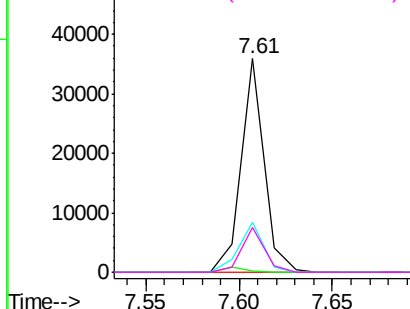
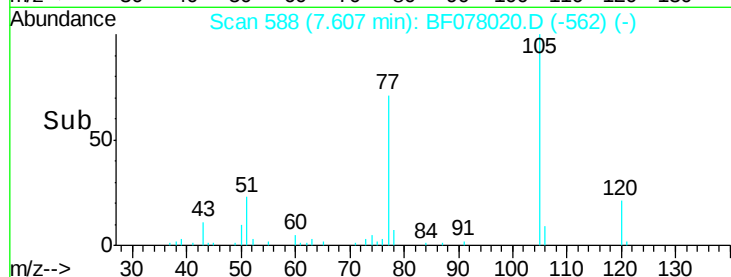
#22
Acetophenone
Concen: 9.34 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF078020.D
Acq: 27 Mar 2015 4:33

Instrument :
BNA_F
ClientSampleId :
FD6

Tgt Ion: 105 Resp: 30980
Ion Ratio Lower Upper
105 100
71 0.9 0.6 1.0
51 23.4 21.6 32.4
120 20.9 16.1 24.1

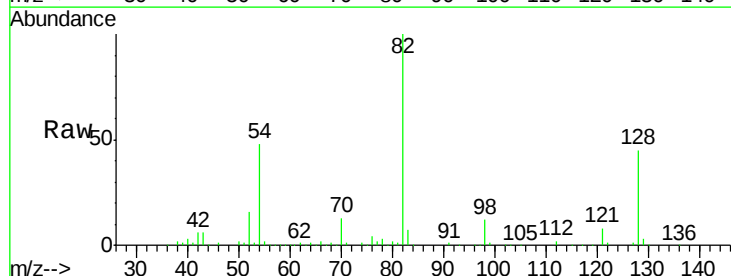


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

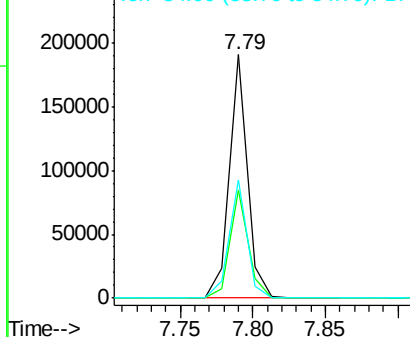
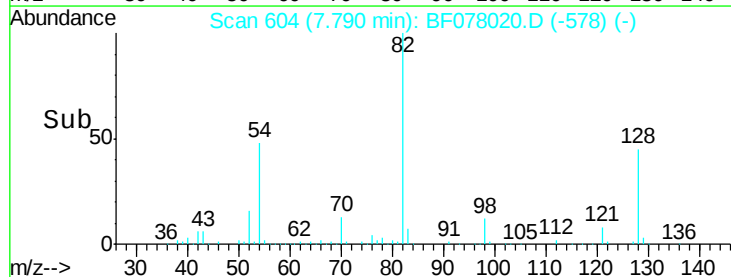


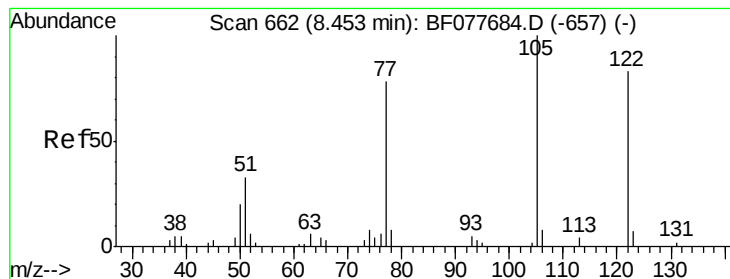
#23
Nitrobenzene-d5
Concen: 72.13 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF078020.D
Acq: 27 Mar 2015 4:33

Tgt Ion: 82 Resp: 164829
Ion Ratio Lower Upper
82 100
128 44.5 32.8 49.2
54 48.4 40.6 60.8



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: 10.96 ng

RT: 8.38 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF078020.D

Acq: 27 Mar 2015 4:33

Instrument :

BNA_F

ClientSampleId :

FD6

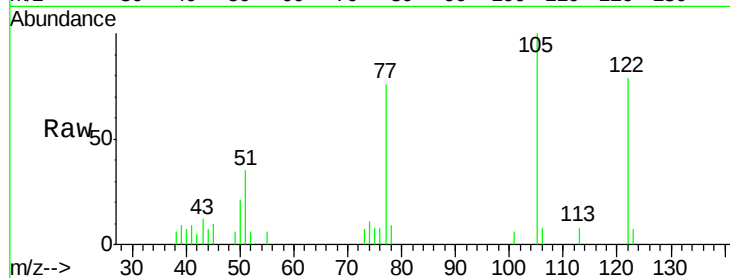
Tgt Ion:122 Resp: 10297

Ion Ratio Lower Upper

122 100

105 127.3 99.9 139.9

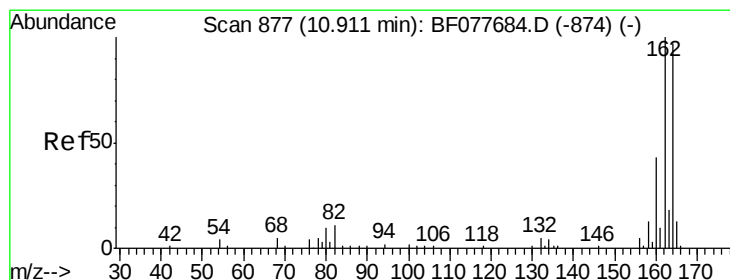
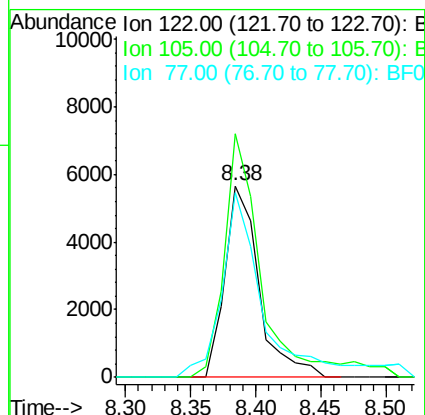
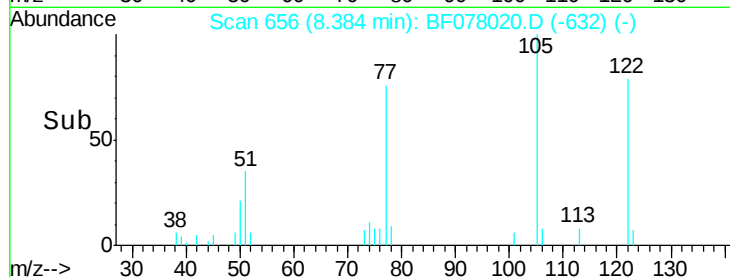
77 96.8 73.7 113.7



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: 10.84 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF078020.D

Acq: 27 Mar 2015 4:33

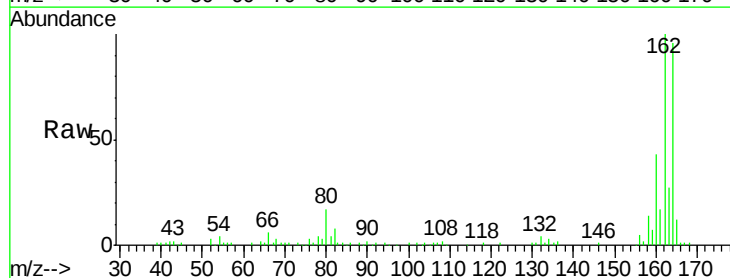
Tgt Ion:164 Resp: 75628

Ion Ratio Lower Upper

164 100

162 104.0 82.4 123.6

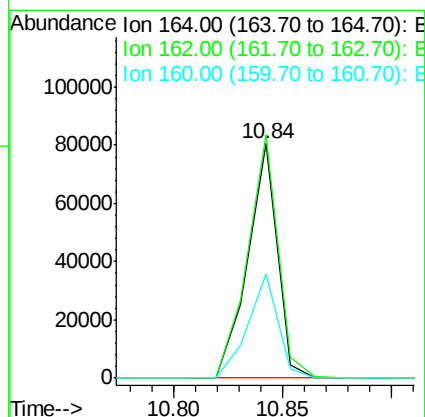
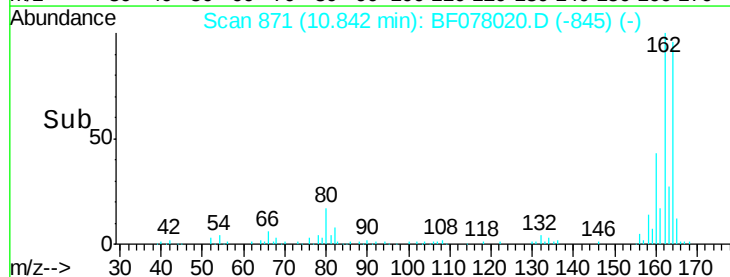
160 44.2 35.8 53.6



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

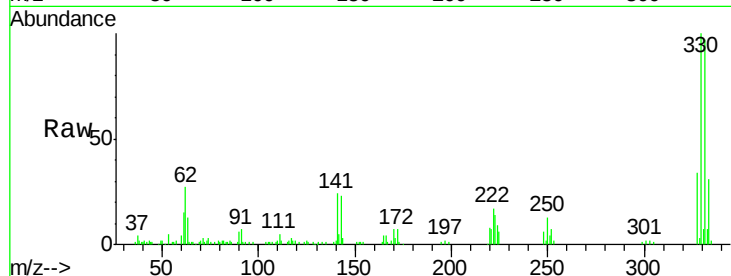




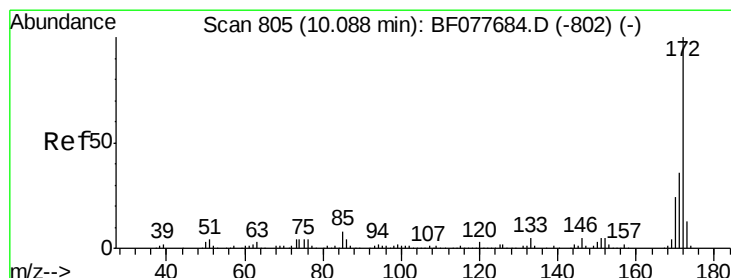
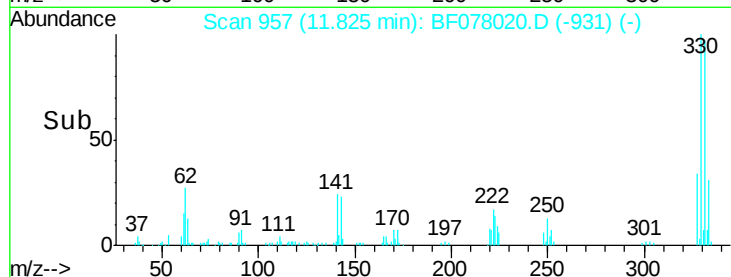
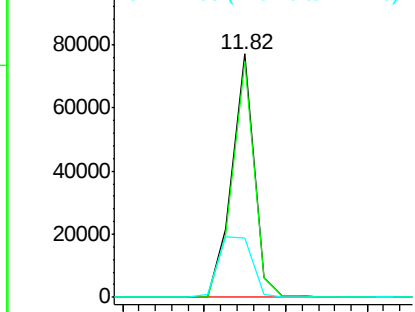
#41
 2,4,6-Tribromophenol
 Concen: 100.64 ng
 RT: 11.82 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078020.D
 Acq: 27 Mar 2015 4:33

Instrument :
 BNA_F
 ClientSampleId :
 FD6

Tgt Ion:330 Resp: 72823
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 37.3 0.0 0.0#

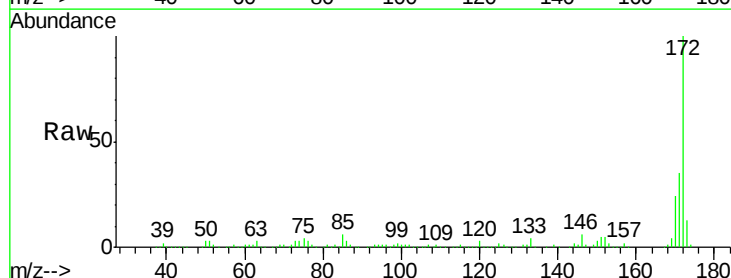


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

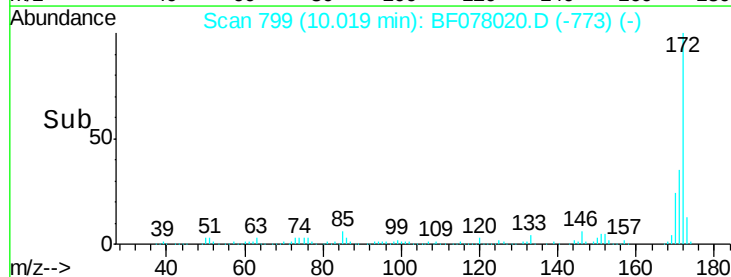
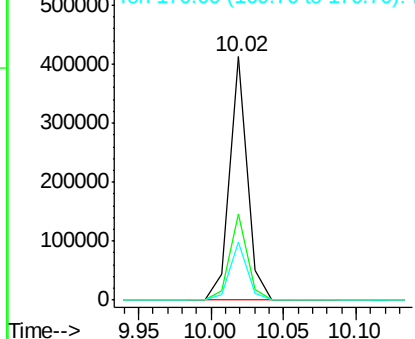


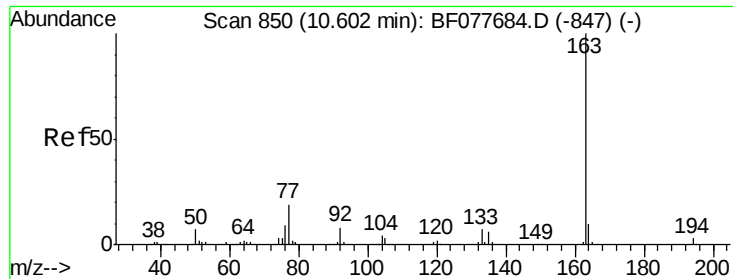
#44
 2-Fluorobiphenyl
 Concen: 67.76 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078020.D
 Acq: 27 Mar 2015 4:33

Tgt Ion:172 Resp: 348693
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.9 18.8 28.2



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: 2.44 ng

RT: 10.53 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF078020.D

Acq: 27 Mar 2015 4:33

Instrument :

BNA_F

ClientSampleId :

FD6

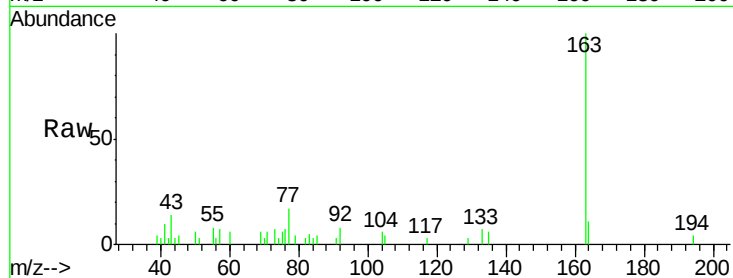
Tgt Ion:163 Resp: 13708

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

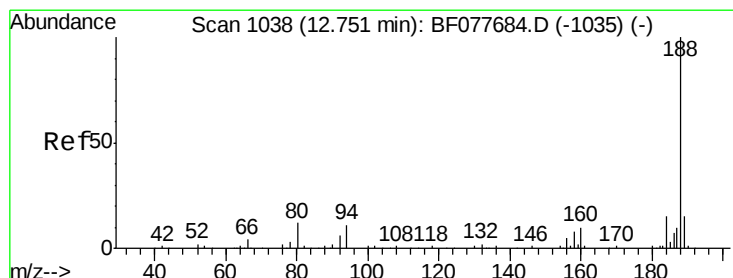
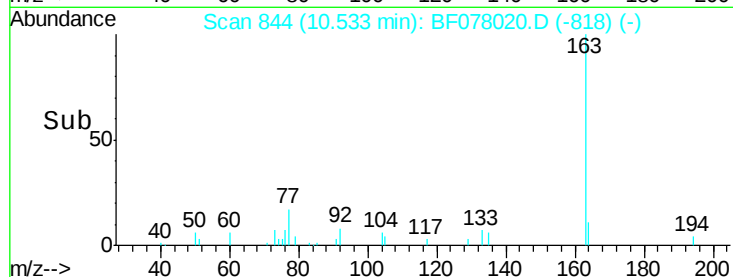
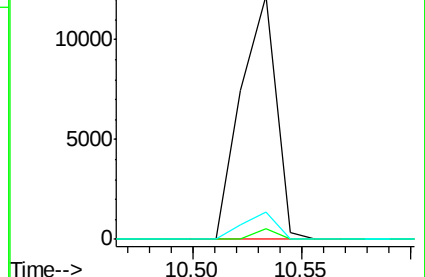
164 11.3 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.68 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF078020.D

Acq: 27 Mar 2015 4:33

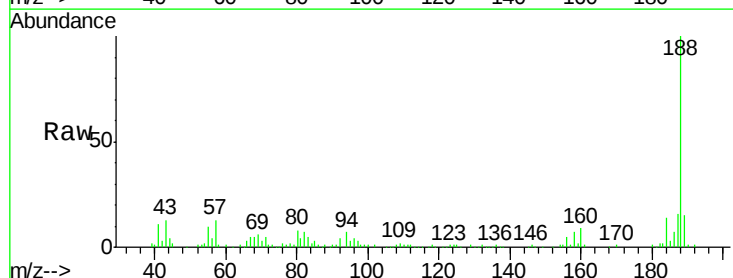
Tgt Ion:188 Resp: 147728

Ion Ratio Lower Upper

188 100

94 6.7 8.7 13.1#

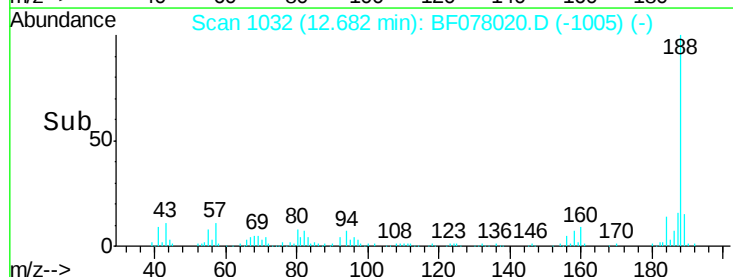
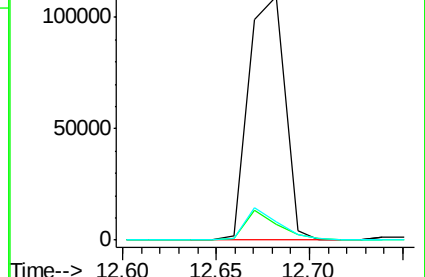
80 7.7 9.3 13.9#

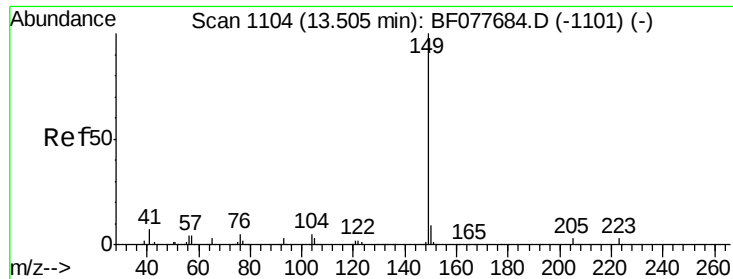


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 7.26 ng

RT: 13.44 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF078020.D

Acq: 27 Mar 2015 4:33

Instrument :

BNA_F

ClientSampled :

FD6

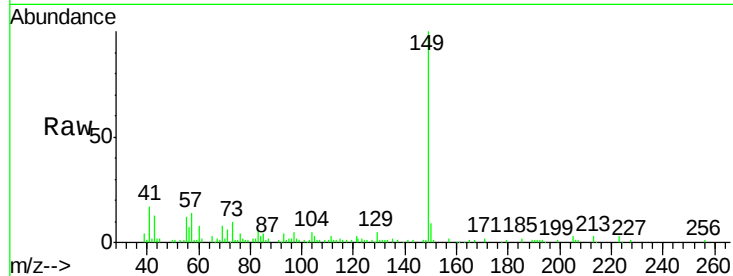
Tgt Ion:149 Resp: 64864

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

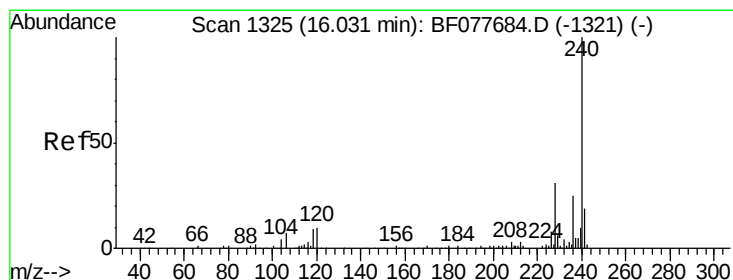
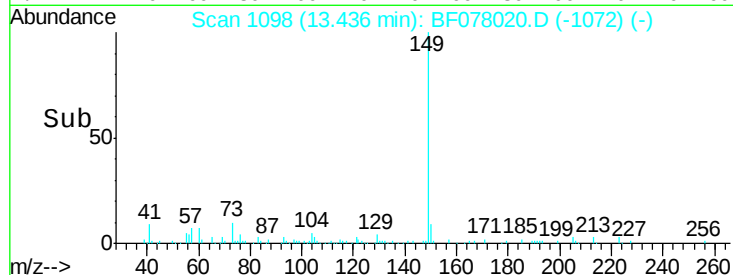
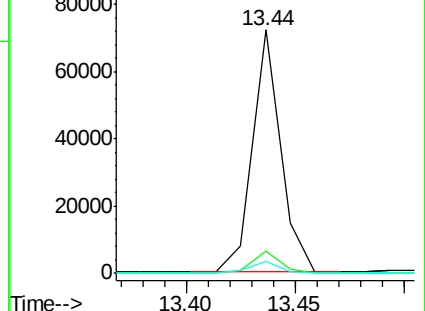
104 4.7 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.95 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF078020.D

Acq: 27 Mar 2015 4:33

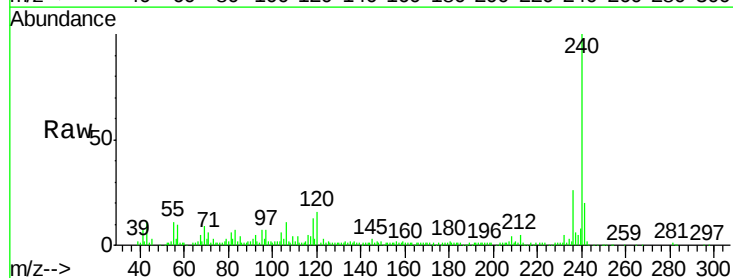
Tgt Ion:240 Resp: 155509

Ion Ratio Lower Upper

240 100

120 15.6 8.2 12.2#

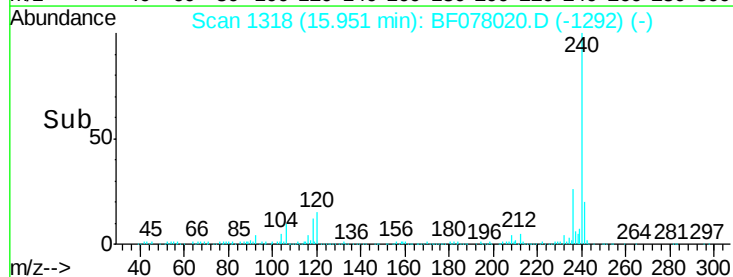
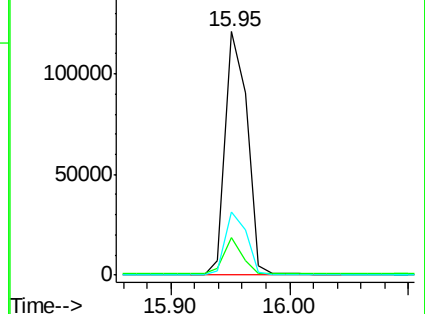
236 25.8 20.0 30.0

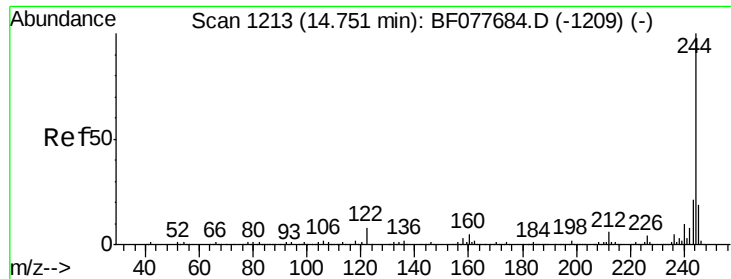


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

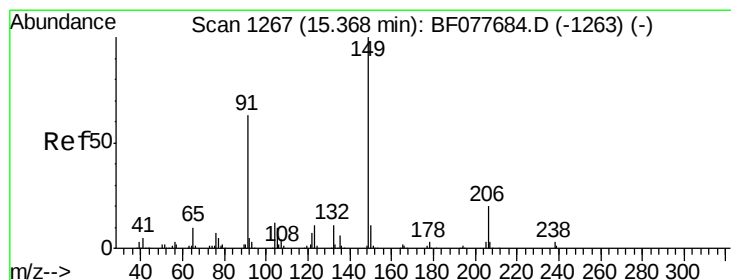
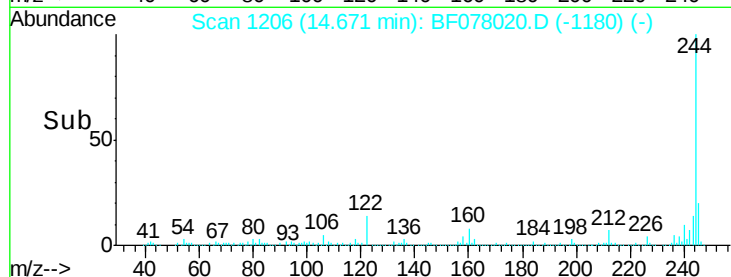
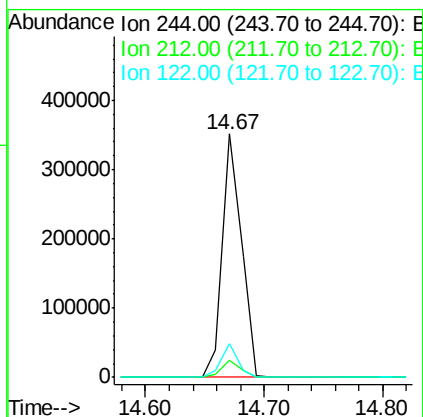
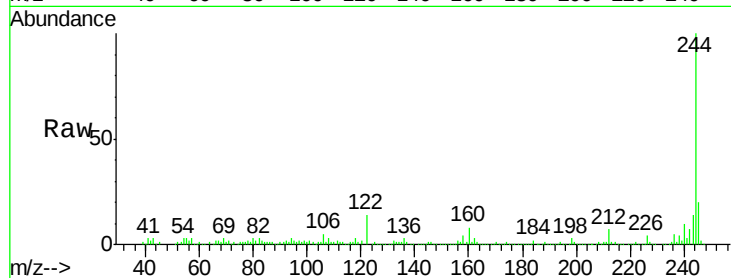




#78
 Terphenyl-d14
 Concen: 61.32 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF078020.D
 Acq: 27 Mar 2015 4:33

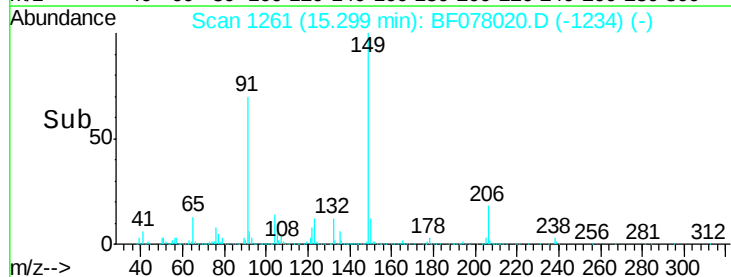
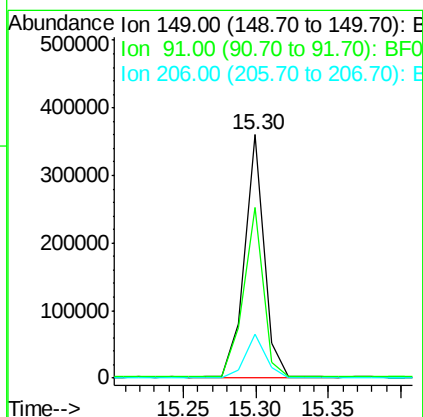
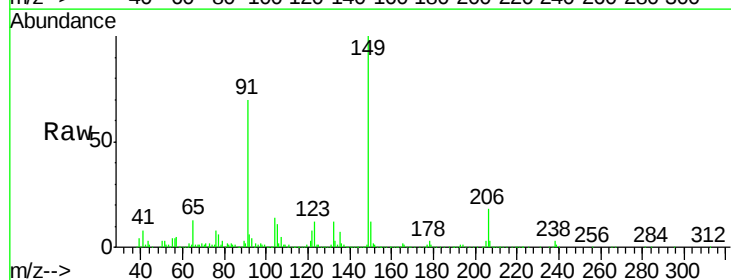
Instrument :
 BNA_F
 ClientSampleId :
 FD6

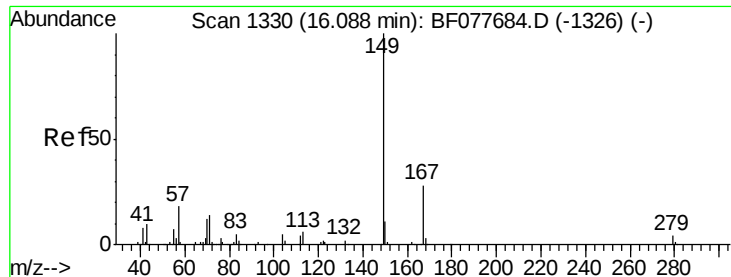
Tgt Ion: 244 Resp: 390385
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.9 7.3
 122 13.7 6.2 9.4#



#79
 Butylbenzylphthalate
 Concen: 87.62 ng
 RT: 15.30 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BF078020.D
 Acq: 27 Mar 2015 4:33

Tgt Ion: 149 Resp: 337831
 Ion Ratio Lower Upper
 149 100
 91 70.1 50.1 75.1
 206 18.3 16.2 24.2

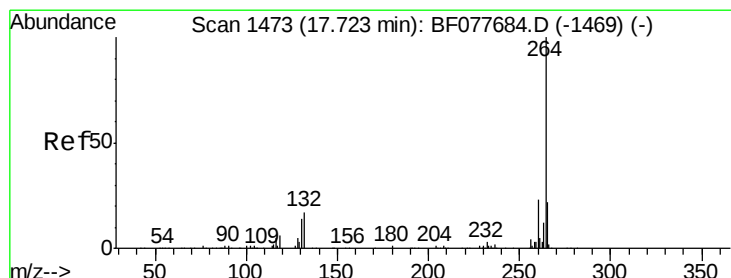
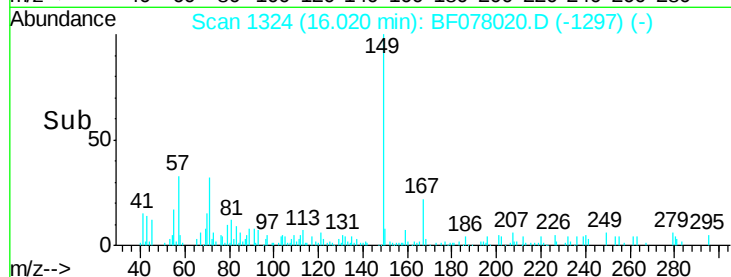
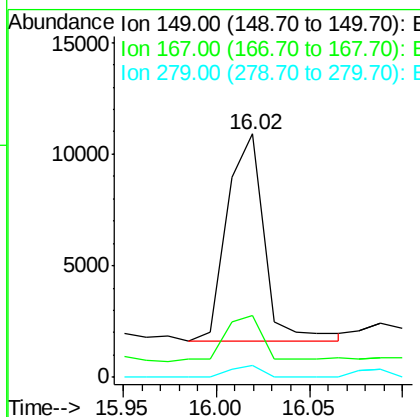
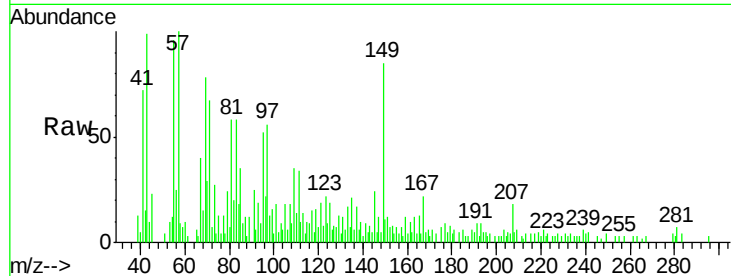




#83
Bis(2-ethylhexyl)phthalate
Concen: 2.24 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF078020.D
Acq: 27 Mar 2015 4:33

Instrument :
BNA_F
ClientSampleId :
FD6

Tgt Ion:149 Resp: 13087
Ion Ratio Lower Upper
149 100
167 25.6 22.4 33.6
279 4.9 3.4 5.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.65 min Scan# 1467
Delta R.T. 0.02 min
Lab File: BF078020.D
Acq: 27 Mar 2015 4:33

Tgt Ion:264 Resp: 151340
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 21.7 17.3 25.9

