

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078019.D
 Acq On : 27 Mar 2015 4:05
 Operator : TP/IZ
 Sample : G1653-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD3

Quant Time: Mar 27 07:44:12 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	36621	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	153387	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	74441	20.00	ng	0.00
63) Phenanthrene-d10	12.68	188	144668	20.00	ng	0.01
75) Chrysene-d12	15.96	240	134133	20.00	ng	0.01
86) Perylene-d12	17.67	264	144287	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	101826	48.53	ng	0.02
7) Phenol-d6	6.68	99	142016	54.79	ng	0.01
23) Nitrobenzene-d5	7.79	82	148862	63.62	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	17793	24.98	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	292650	57.77	ng	0.00
78) Terphenyl-d14	14.68	244	70604	12.86	ng	0.01

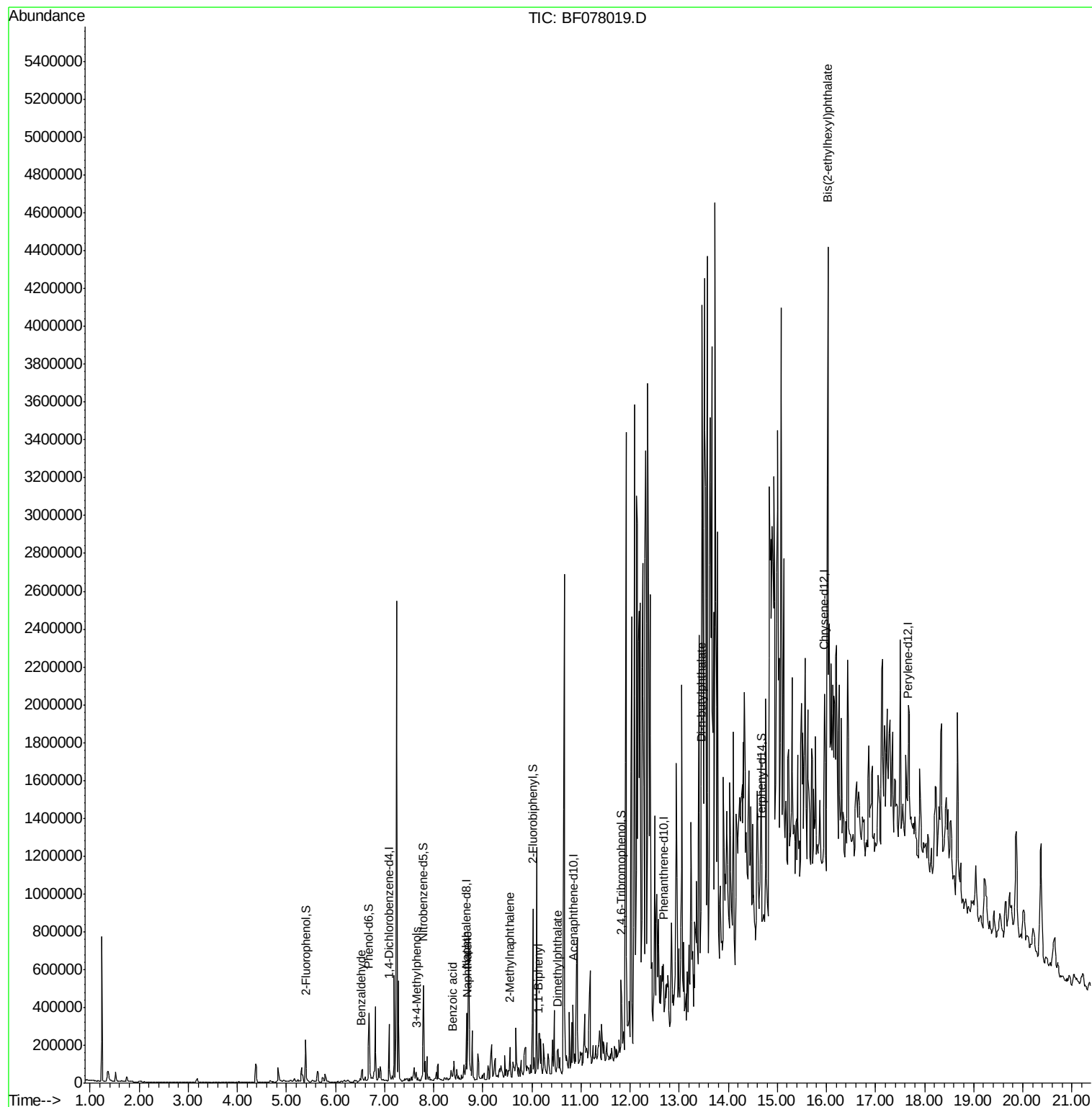
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.53	77	27363	25.77	ng	98
20) 3+4-Methylphenols	7.64	107	7246	2.72	ng	# 62
31) Naphthalene	8.69	128	36529	4.64	ng	100
32) Benzoic acid	8.38	122	6157	7.69	ng	94
37) 2-Methylnaphthalene	9.55	142	49810	9.41	ng	98
45) 1,1'-Biphenyl	10.13	154	16435	2.76	ng	94
49) Dimethylphthalate	10.52	163	48337	8.75	ng	98
73) Di-n-butylphthalate	13.45	149	102907	11.76	ng	# 97
83) Bis(2-ethylhexyl)phthalate	16.03	149	1404696	278.85	ng	99

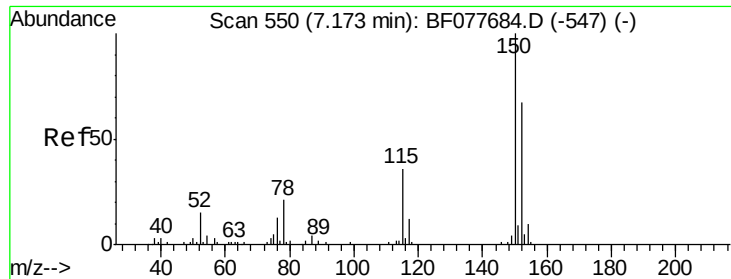
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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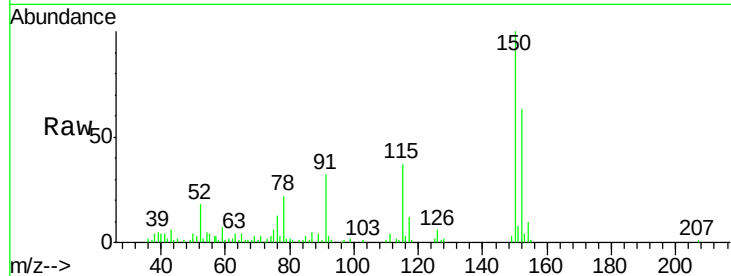


#1

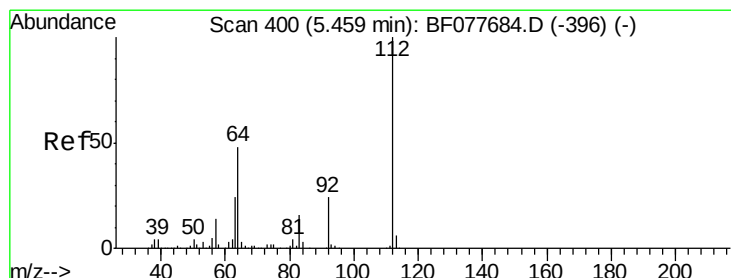
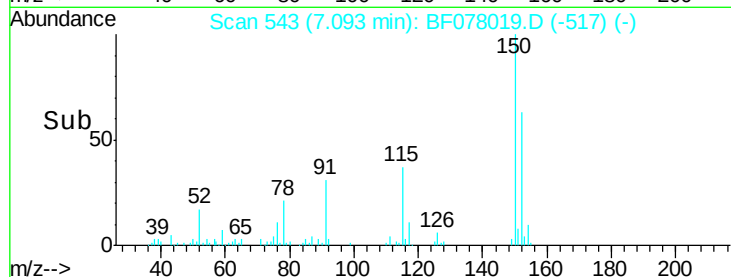
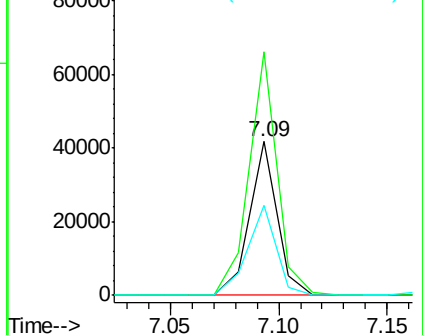
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078019.D
 Acq: 27 Mar 2015 4:05

Instrument :
 BNA_F
 ClientSampled :
 FD3

Tgt Ion:152 Resp: 36621
 Ion Ratio Lower Upper
 152 100
 150 158.6 119.5 179.3
 115 58.3 43.0 64.4



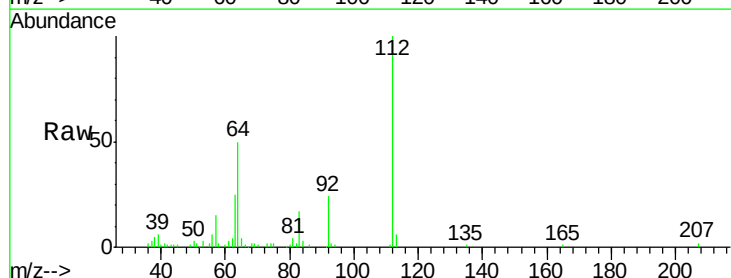
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



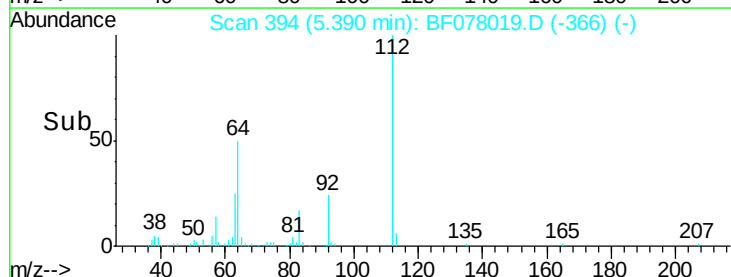
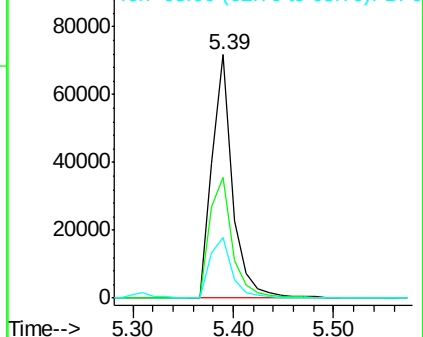
#5

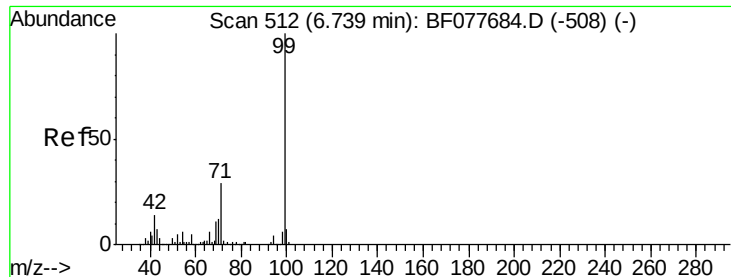
2-Fluorophenol
 Concen: 48.53 ng
 RT: 5.39 min Scan# 394
 Delta R.T. 0.02 min
 Lab File: BF078019.D
 Acq: 27 Mar 2015 4:05

Tgt Ion:112 Resp: 101826
 Ion Ratio Lower Upper
 112 100
 64 49.6 38.6 57.8
 63 25.0 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: 54.79 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

Instrument :

BNA_F

ClientSampleId :

FD3

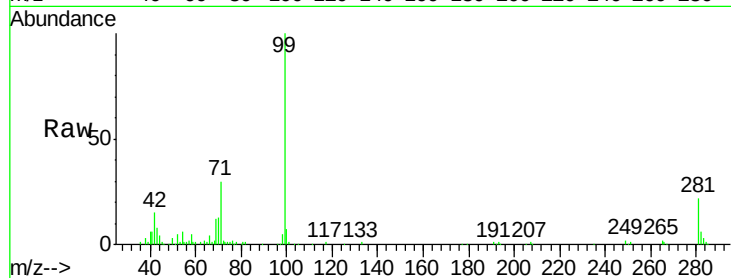
Tgt Ion: 99 Resp: 142016

Ion Ratio Lower Upper

99 100

42 14.7 11.0 16.4

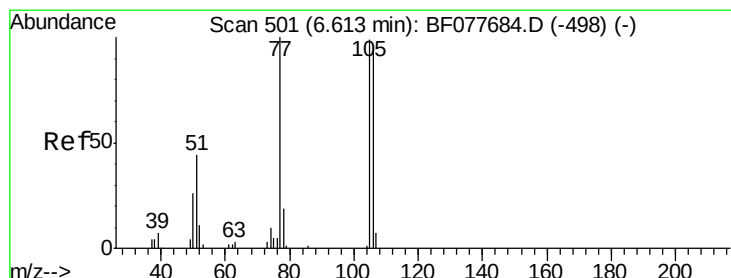
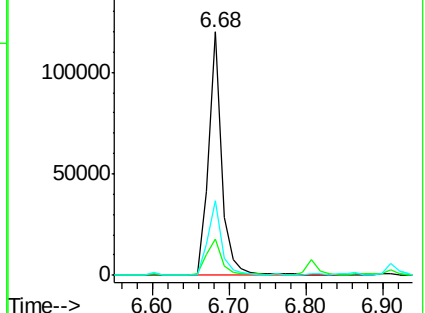
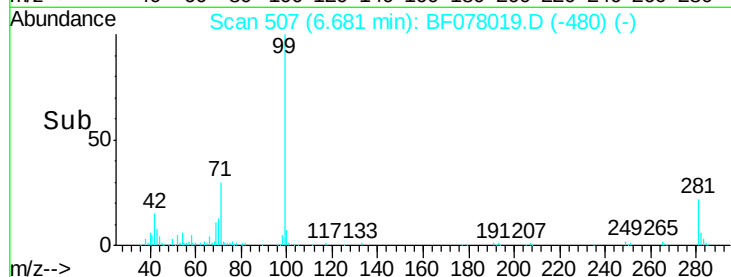
71 30.4 23.4 35.2



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



#9

Benzaldehyde

Concen: 25.77 ng

RT: 6.53 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

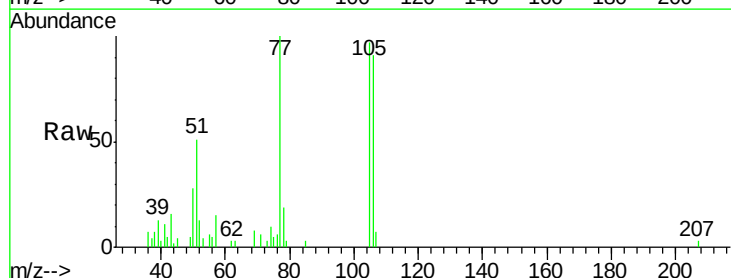
Tgt Ion: 77 Resp: 27363

Ion Ratio Lower Upper

77 100

105 97.3 78.8 118.8

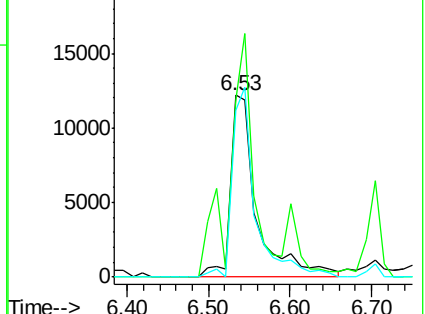
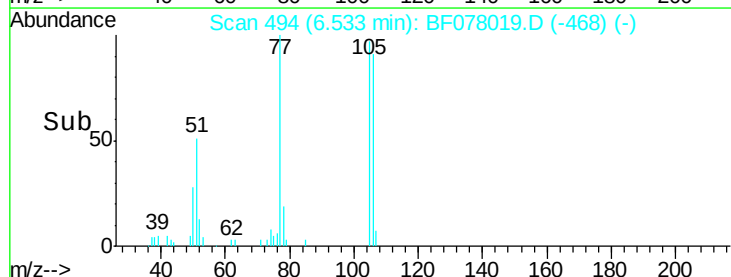
106 91.4 73.7 113.7

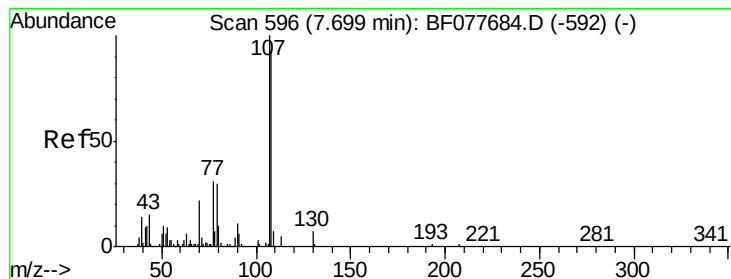


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#20

3+4-Methylphenols

Concen: 2.72 ng

RT: 7.64 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

Instrument :

BNA_F

ClientSampled :

FD3

Tgt Ion:107 Resp: 7246

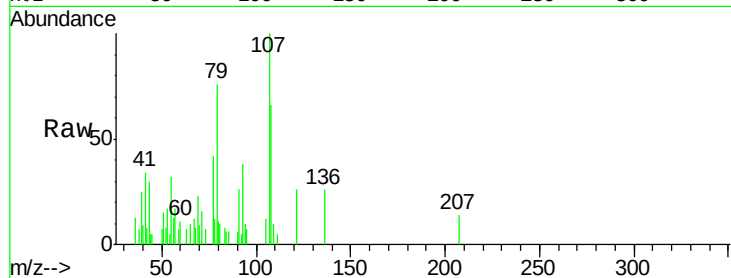
Ion Ratio Lower Upper

107 100

108 65.7 73.2 113.2#

77 42.4 10.7 50.7

79 76.3 9.6 49.6#

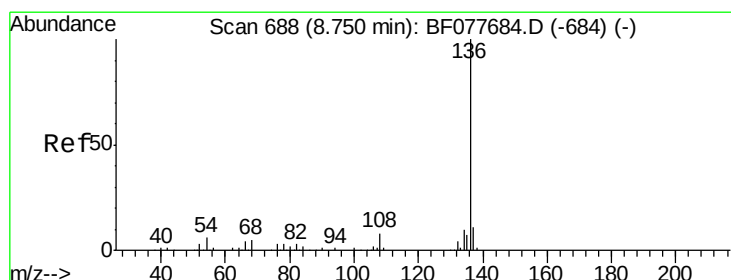
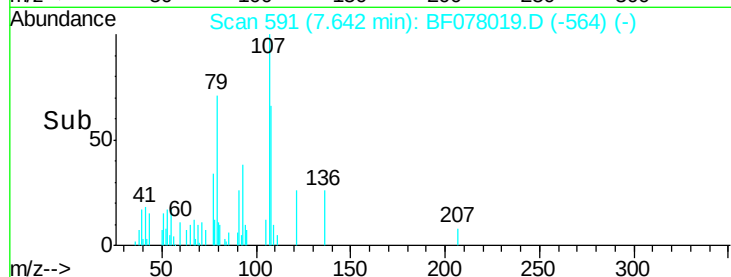
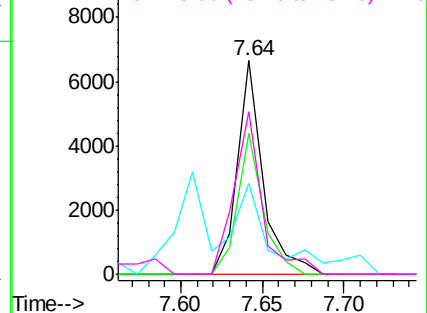


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

Tgt Ion:136 Resp: 153387

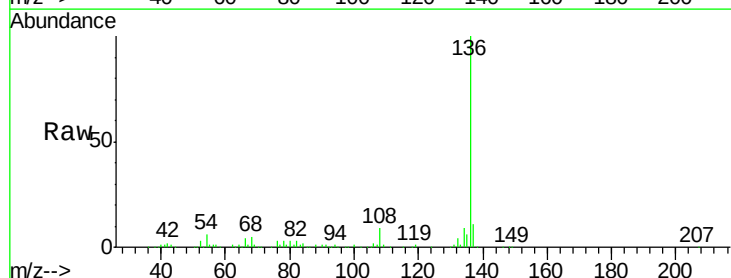
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 6.5 4.6 6.8

68 5.3 3.7 5.5

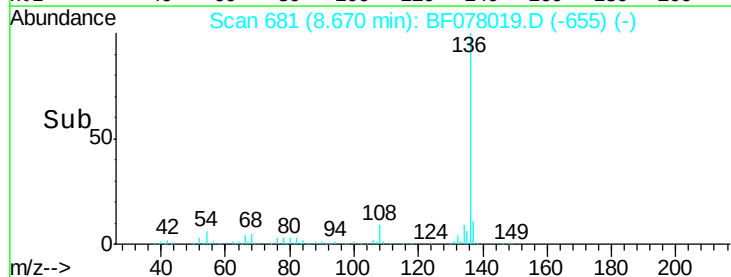
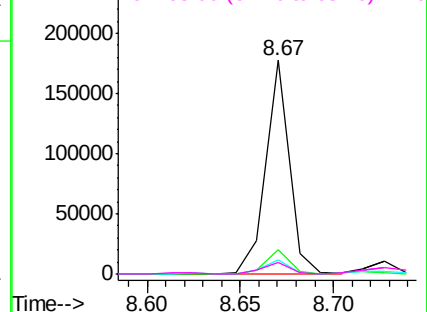


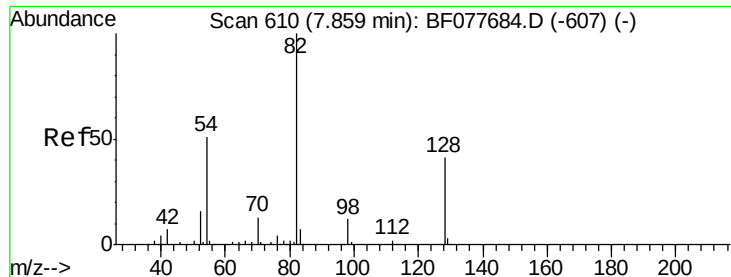
Abundance Ion 136.00 (135.70 to 136.70): E

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

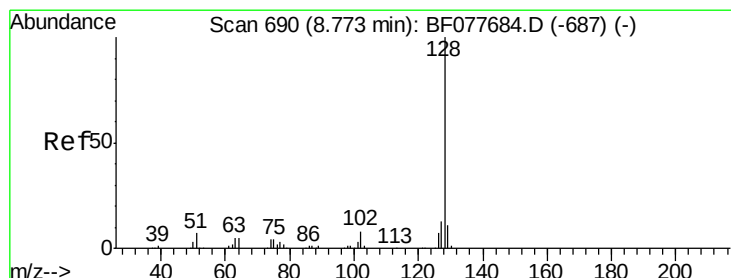
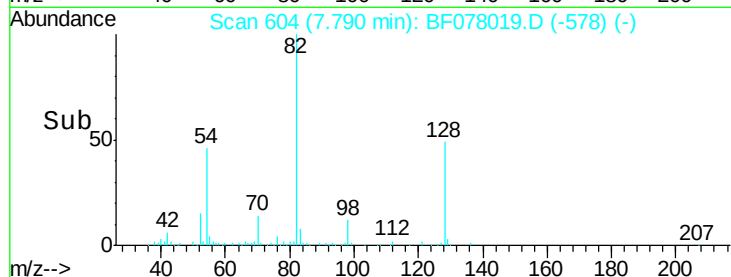
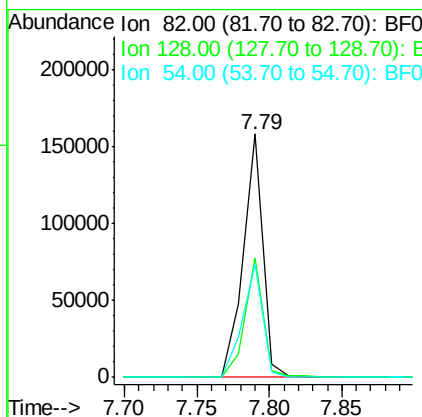
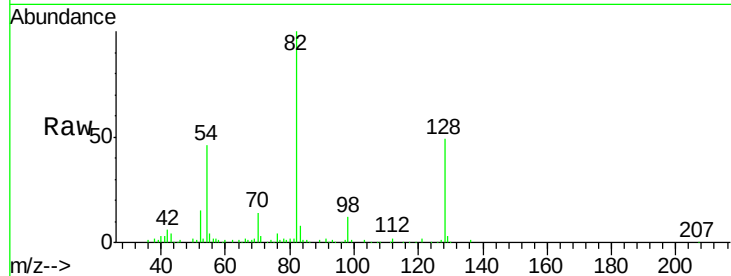




#23
 Nitrobenzene-d5
 Concen: 63.62 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF078019.D
 Acq: 27 Mar 2015 4:05

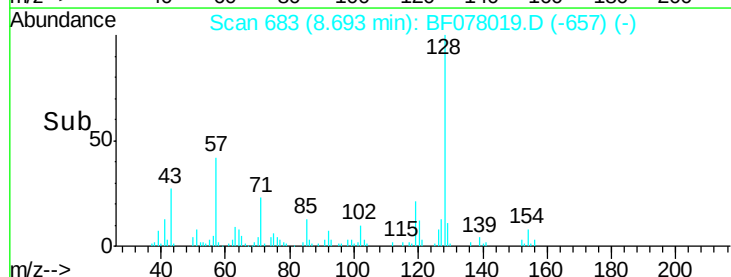
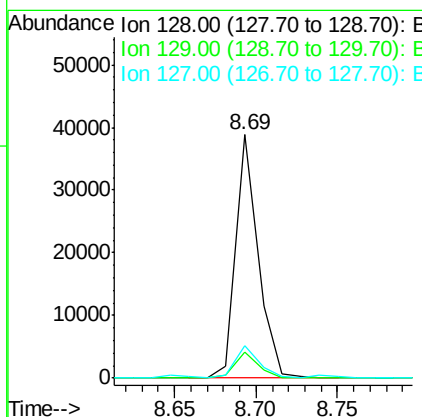
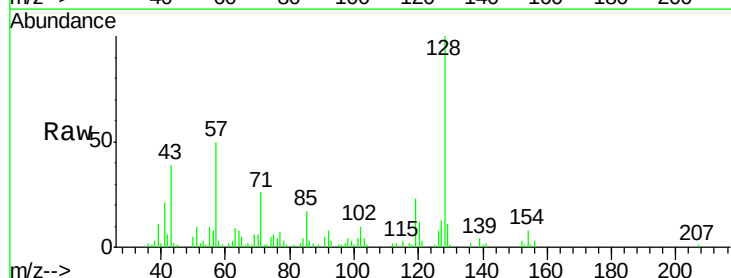
Instrument :
 BNA_F
 ClientSampleId :
 FD3

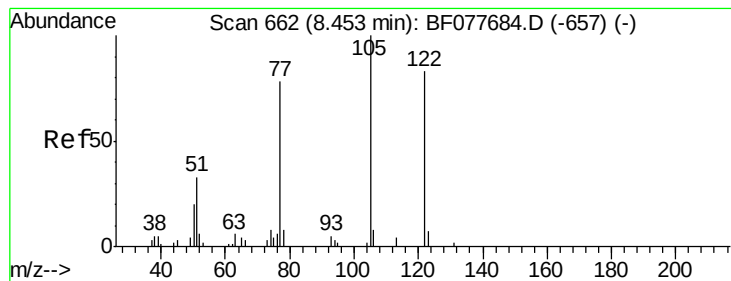
Tgt Ion: 82 Resp: 148862
 Ion Ratio Lower Upper
 82 100
 128 48.8 32.8 49.2
 54 46.4 40.6 60.8



#31
 Naphthalene
 Concen: 4.64 ng
 RT: 8.69 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF078019.D
 Acq: 27 Mar 2015 4:05

Tgt Ion: 128 Resp: 36529
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.9 13.3
 127 13.1 10.4 15.6





#32

Benzoic acid

Concen: 7.69 ng

RT: 8.38 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

Instrument :

BNA_F

ClientSampleId :

FD3

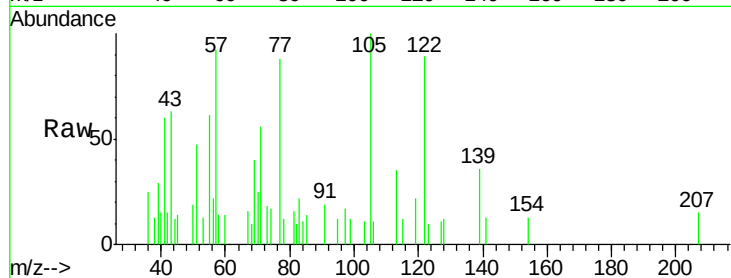
Tgt Ion:122 Resp: 6157

Ion Ratio Lower Upper

122 100

105 112.3 99.9 139.9

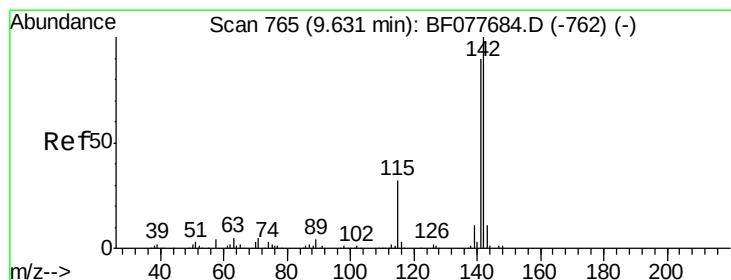
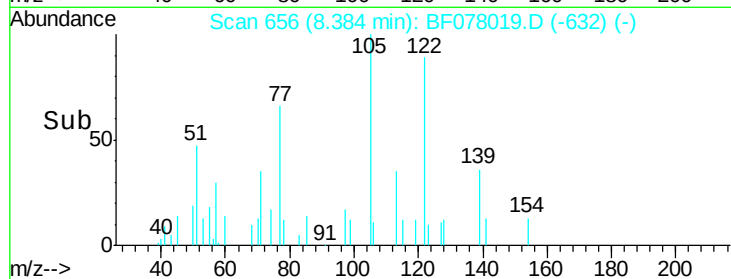
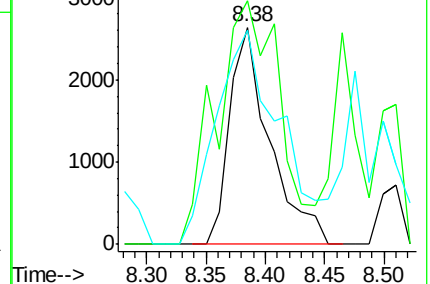
77 99.0 73.7 113.7



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



#37

2-Methylnaphthalene

Concen: 9.41 ng

RT: 9.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

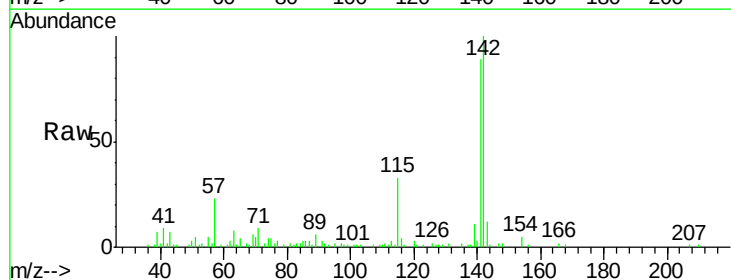
Tgt Ion:142 Resp: 49810

Ion Ratio Lower Upper

142 100

141 88.6 71.9 107.9

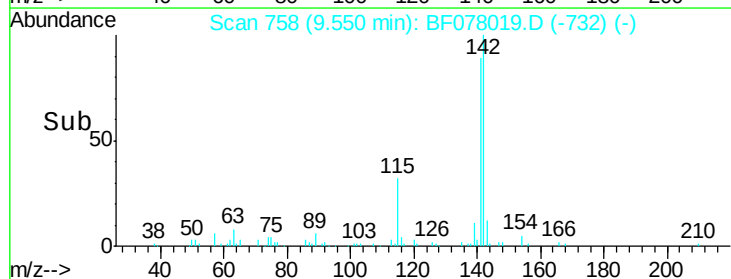
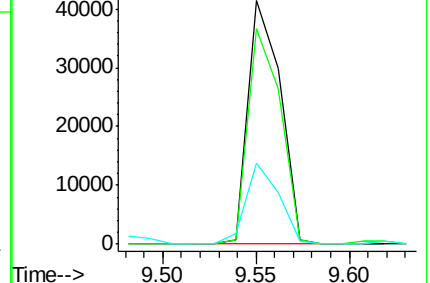
115 33.3 25.4 38.0

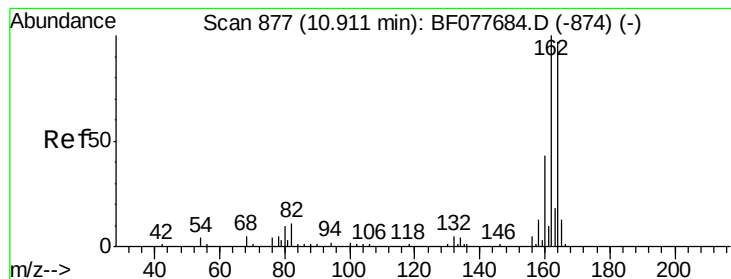


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

Instrument :

BNA_F

ClientSampleId :

FD3

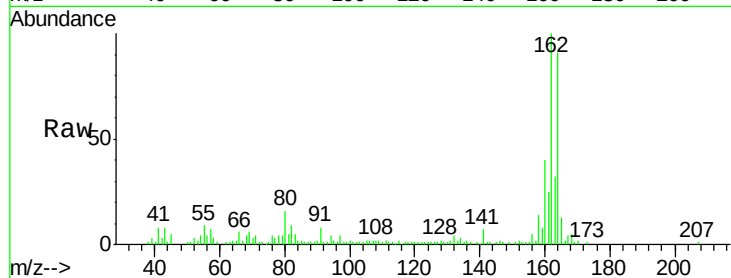
Tgt Ion:164 Resp: 74441

Ion Ratio Lower Upper

164 100

162 109.6 82.4 123.6

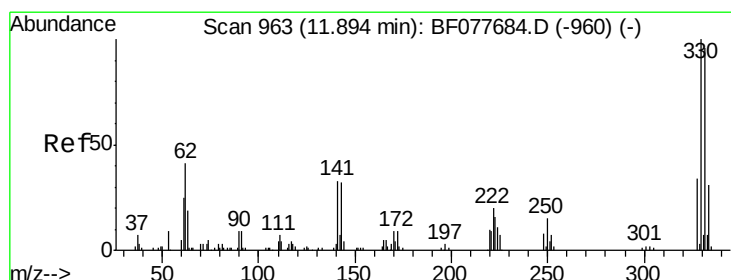
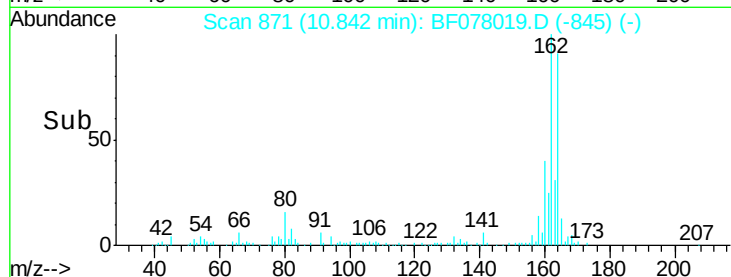
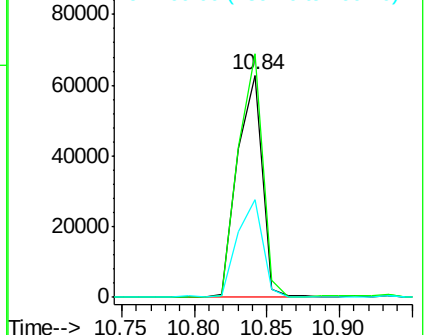
160 44.2 35.8 53.6



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: 24.98 ng

RT: 11.81 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

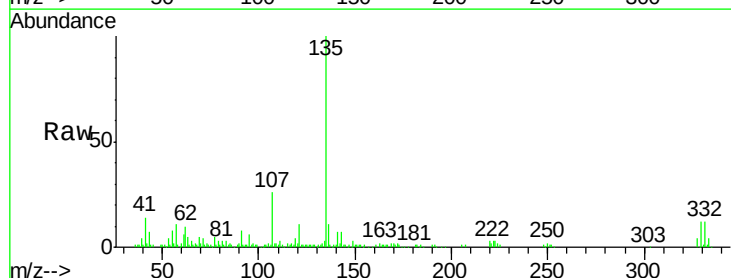
Tgt Ion:330 Resp: 17793

Ion Ratio Lower Upper

330 100

332 101.0 0.0 0.0#

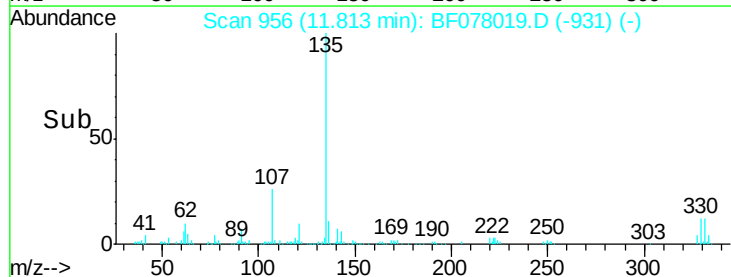
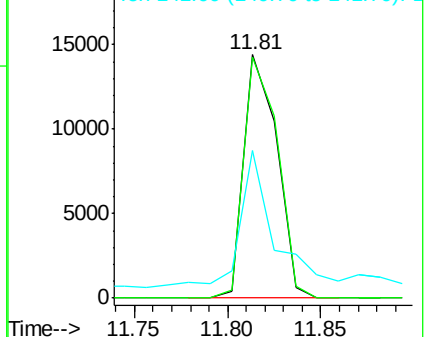
141 58.5 0.0 0.0#

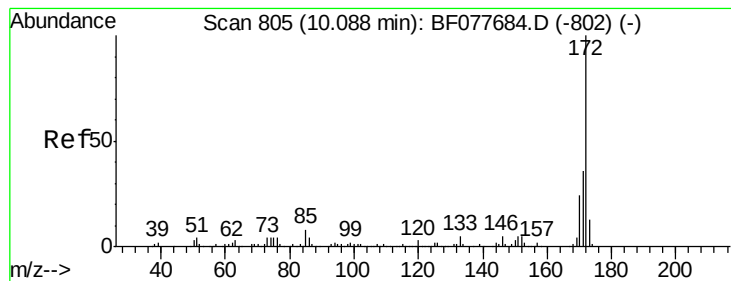


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 57.77 ng

RT: 10.02 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

Instrument :

BNA_F

ClientSampleId :

FD3

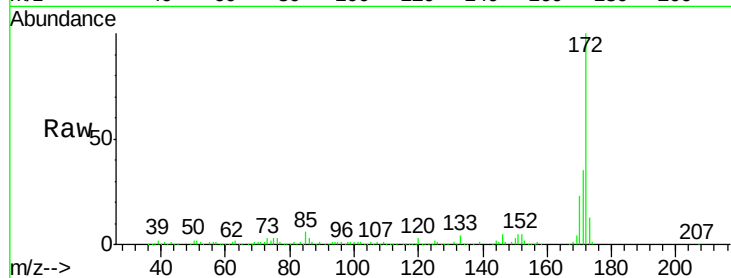
Tgt Ion:172 Resp: 292650

Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

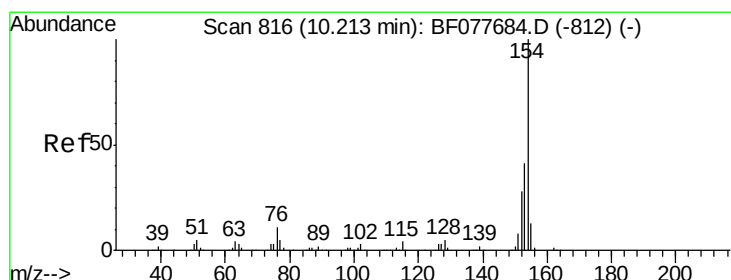
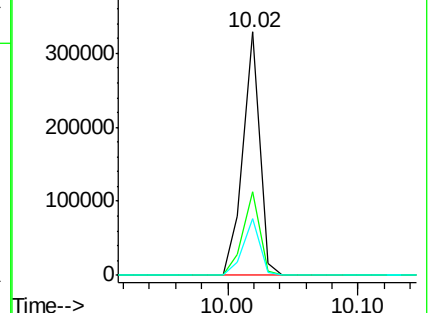
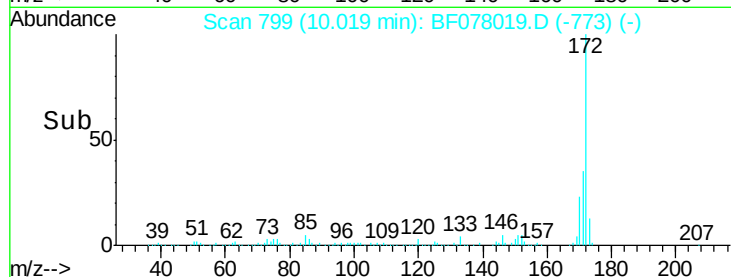
170 23.2 18.8 28.2



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



#45

1,1'-Biphenyl

Concen: 2.76 ng

RT: 10.13 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

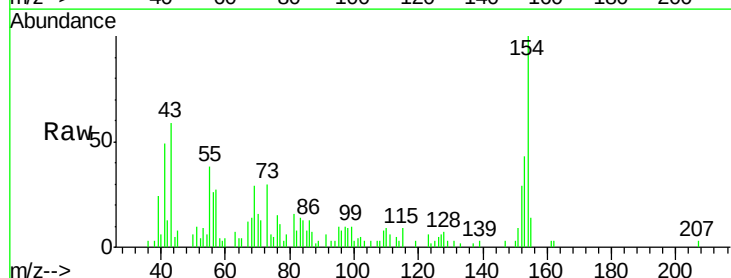
Tgt Ion:154 Resp: 16435

Ion Ratio Lower Upper

154 100

153 43.2 20.7 60.7

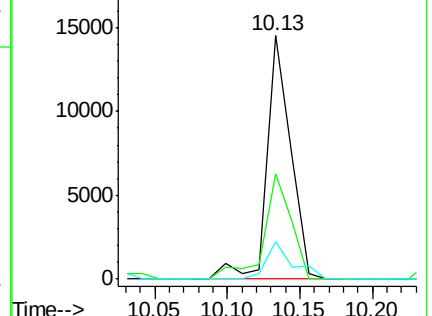
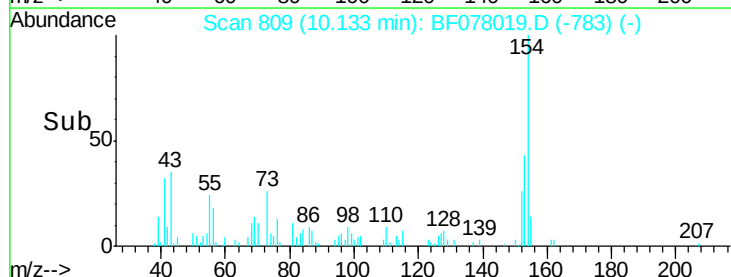
76 15.3 0.0 30.9

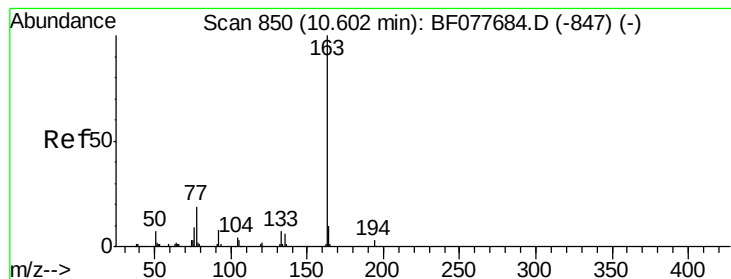


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#49

Dimethylphthalate

Concen: 8.75 ng

RT: 10.52 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

Instrument :

BNA_F

ClientSampleId :

FD3

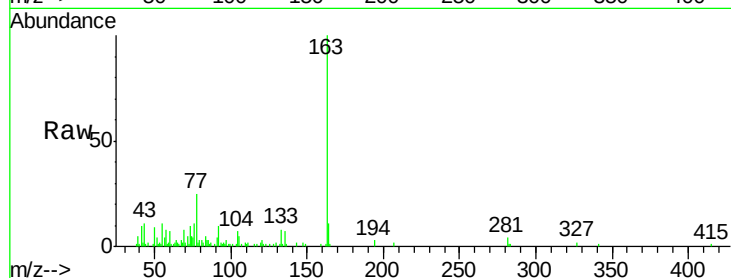
Tgt Ion:163 Resp: 48337

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

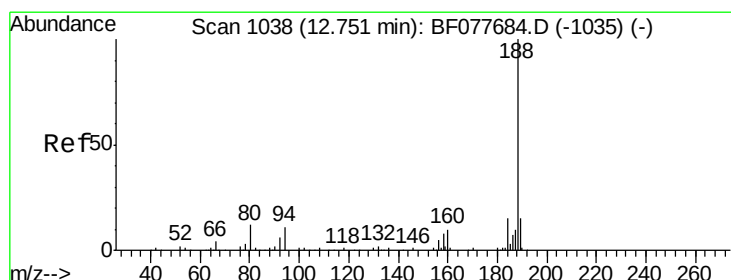
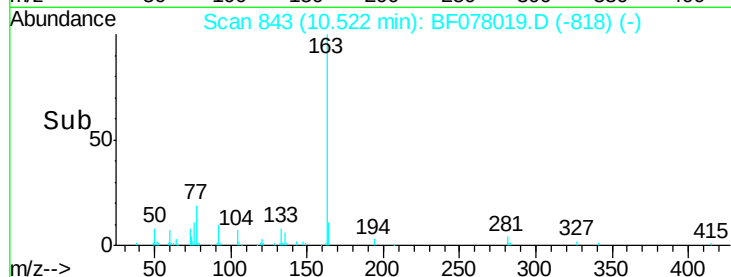
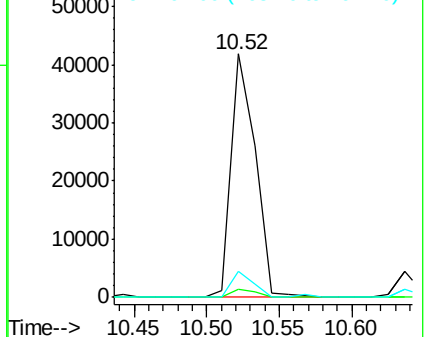
164 10.9 8.2 12.2



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: BF078019.D

Acq: 27 Mar 2015 4:05

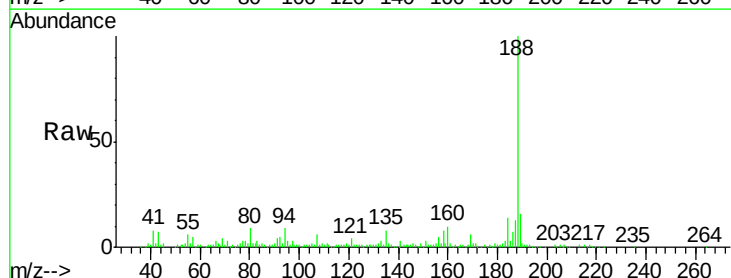
Tgt Ion:188 Resp: 144668

Ion Ratio Lower Upper

188 100

94 9.0 8.7 13.1

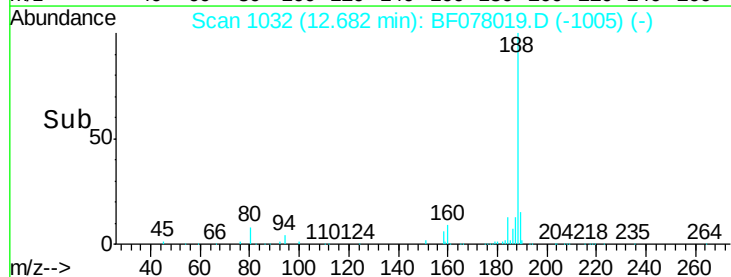
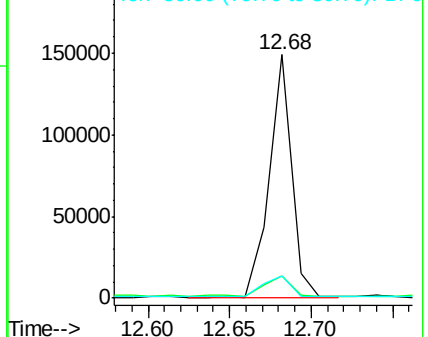
80 9.1 9.3 13.9#

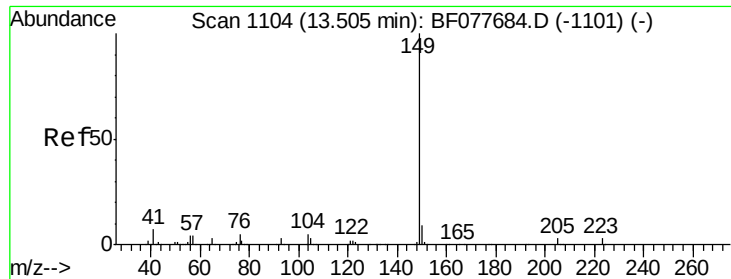


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 11.76 ng

RT: 13.45 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

Instrument :

BNA_F

ClientSampleId :

FD3

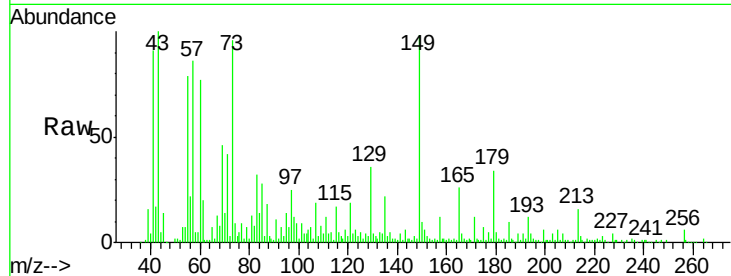
Tgt Ion:149 Resp: 102907

Ion Ratio Lower Upper

149 100

150 10.2 7.5 11.3

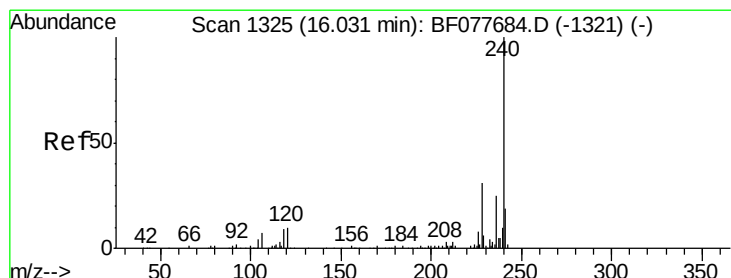
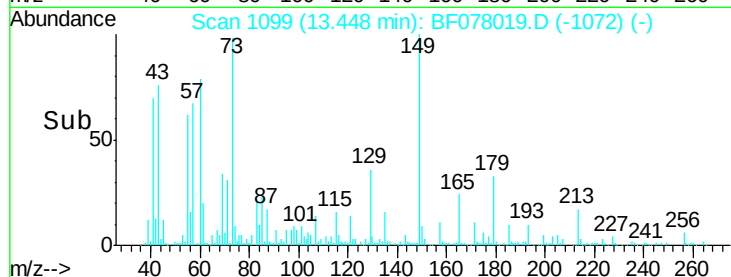
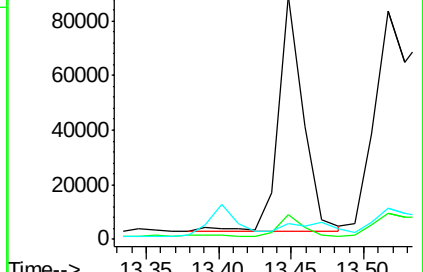
104 6.5 3.7 5.5#



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: 15.96 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

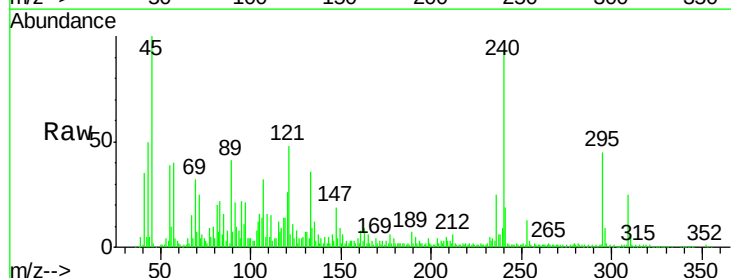
Tgt Ion:240 Resp: 134133

Ion Ratio Lower Upper

240 100

120 27.5 8.2 12.2#

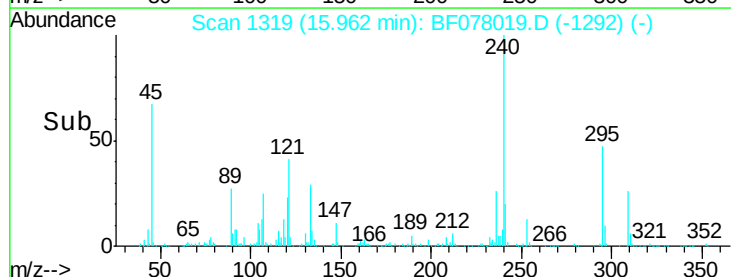
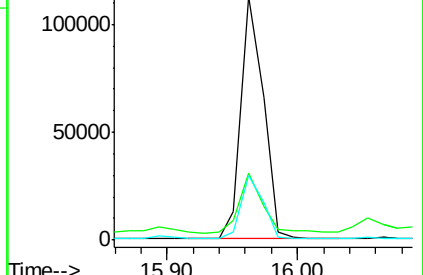
236 26.2 20.0 30.0

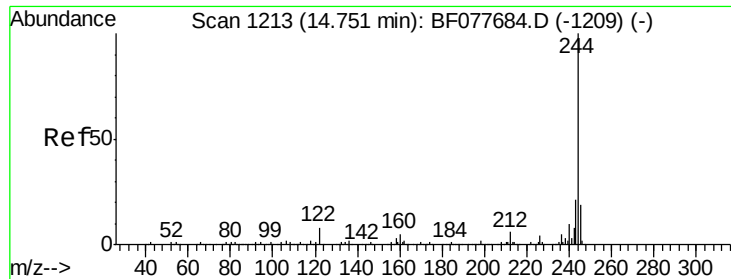


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 12.86 ng

RT: 14.68 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

Instrument :

BNA_F

ClientSampleId :

FD3

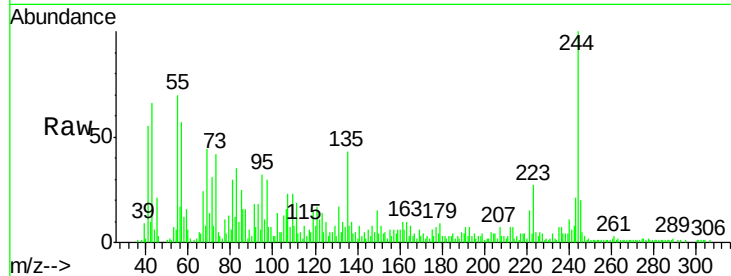
Tgt Ion:244 Resp: 70604

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

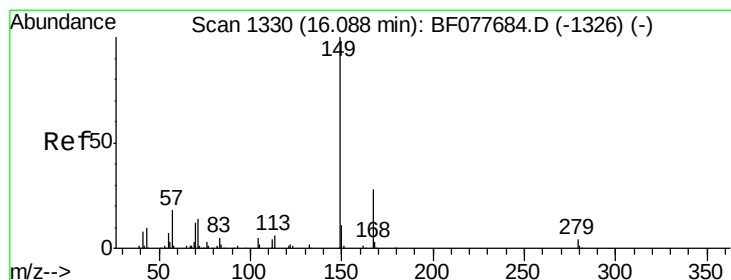
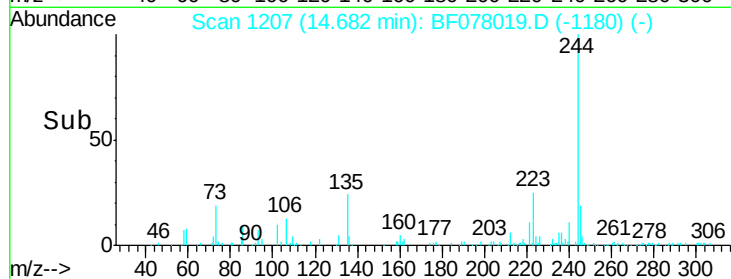
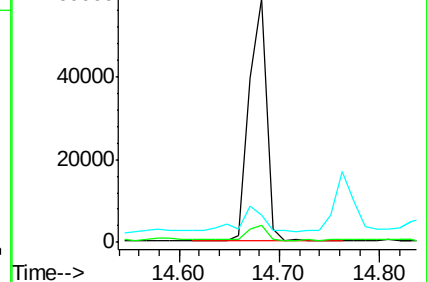
122 11.0 6.2 9.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 278.85 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.02 min

Lab File: BF078019.D

Acq: 27 Mar 2015 4:05

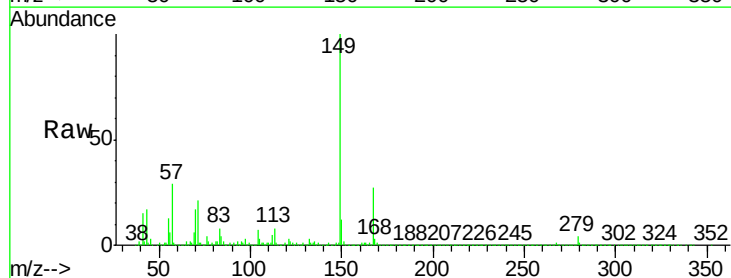
Tgt Ion:149 Resp: 1404696

Ion Ratio Lower Upper

149 100

167 27.4 22.4 33.6

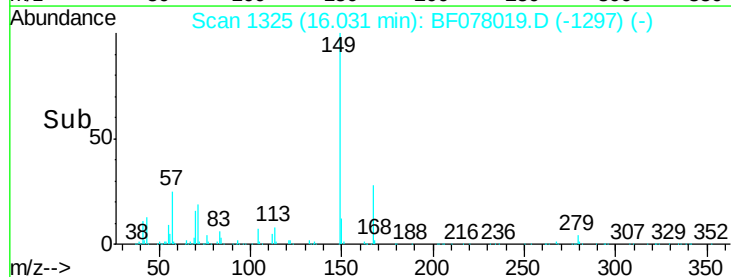
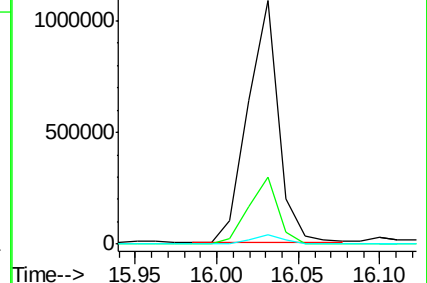
279 3.6 3.4 5.0

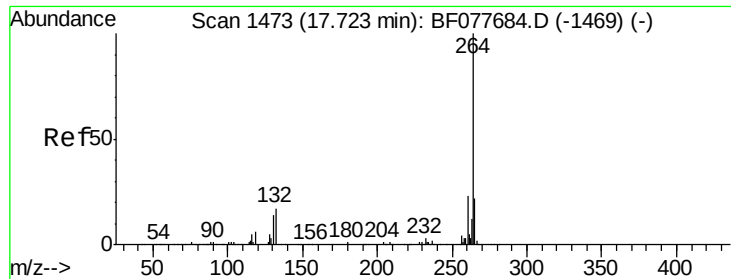


Abundance Ion 149.00 (148.70 to 149.70): E

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: 17.67 min Scan# 1468
Delta R.T. 0.03 min
Lab File: BF078019.D
Acq: 27 Mar 2015 4:05

Instrument :
BNA_F
ClientSampleId :
FD3

Tgt Ion: 264 Resp: 144287

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	22.5	17.3	25.9

