

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078018.D
 Acq On : 27 Mar 2015 3:36
 Operator : TP/IZ
 Sample : G1653-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD2

Quant Time: Mar 27 05:56:48 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

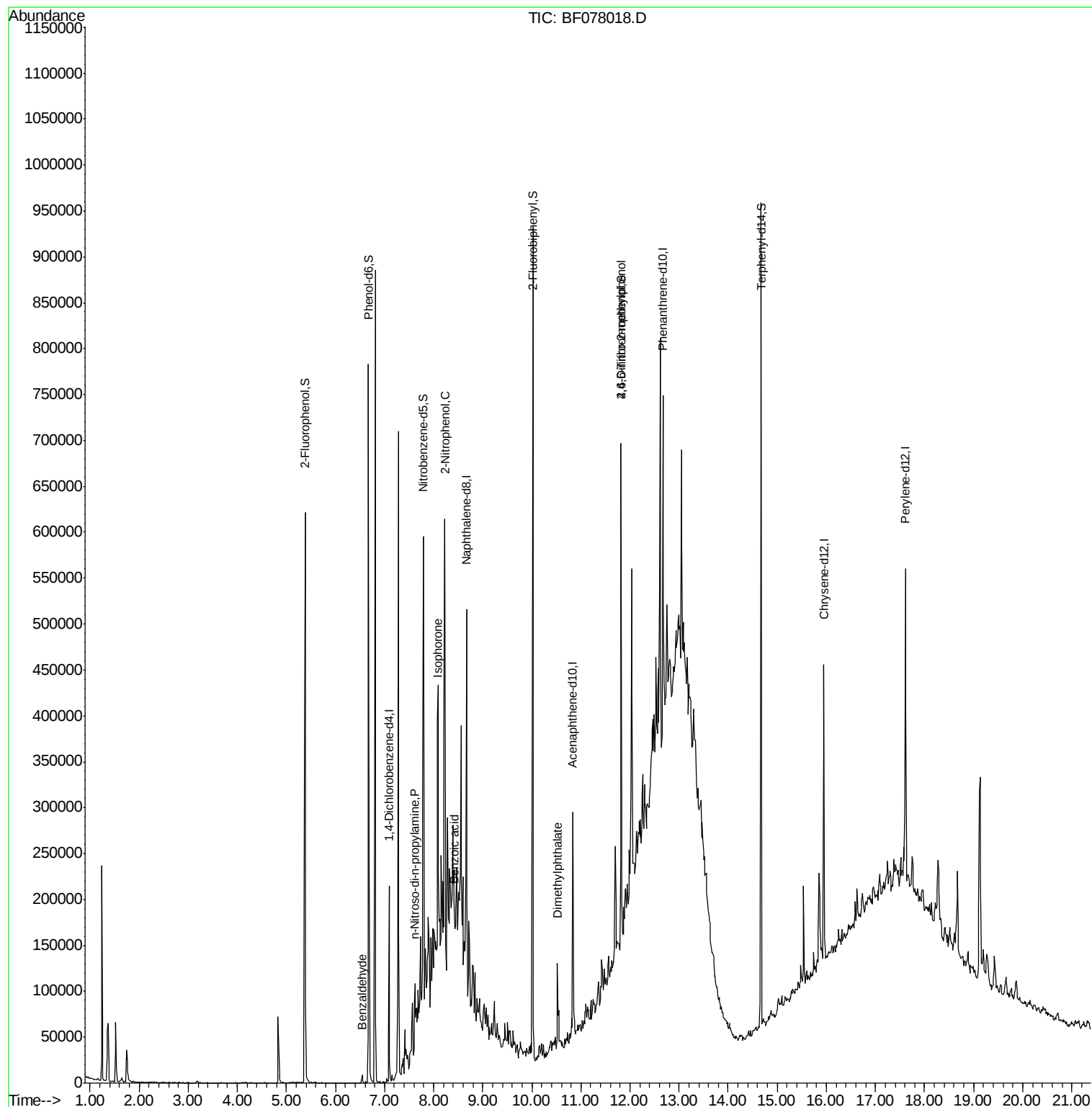
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	34019	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	139299	20.00	ng	0.00
38) Acenaphthene-d10	10.83	164	67900	20.00	ng	-0.01
63) Phenanthrene-d10	12.67	188	129721	20.00	ng	0.00
75) Chrysene-d12	15.95	240	151065	20.00	ng	0.00
86) Perylene-d12	17.61	264	146148	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	238148	122.19	ng	0.01
7) Phenol-d6	6.67	99	295621	122.77	ng	0.00
23) Nitrobenzene-d5	7.79	82	182579	85.92	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	66401	102.21	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	322903	69.89	ng	0.00
78) Terphenyl-d14	14.67	244	376463	60.87	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.54	77	2669	2.71	ng	90
19) n-Nitroso-di-n-propylamine	7.62	70	5208	3.13	ng	# 70
25) Isophorone	8.08	82	19494	4.54	ng	# 1
26) 2-Nitrophenol	8.22	139	6422	5.73	ng	# 1
32) Benzoic acid	8.43	122	2994	5.55	ng	# 1
49) Dimethylphthalate	10.52	163	42913	8.52	ng	99
64) 4,6-Dinitro-2-methylphenol	11.81	198	208	4.61	ng	# 1

(#) = 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: BF078018.D

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Instrument :

BNA_F

ClientSampleId :

FD2

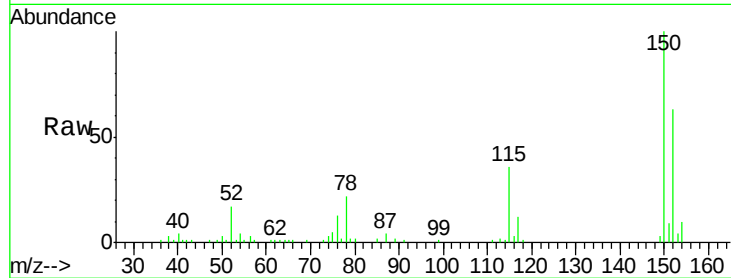
Tgt Ion:152 Resp: 34019

Ion Ratio Lower Upper

152 100

150 158.6 119.5 179.3

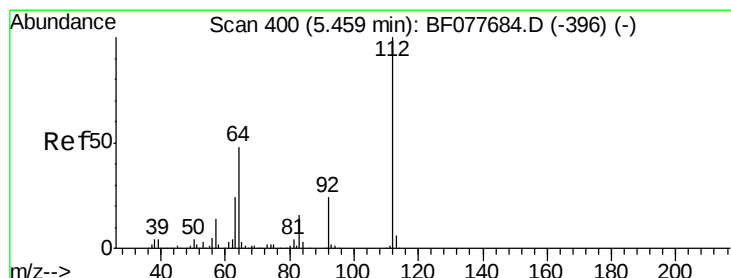
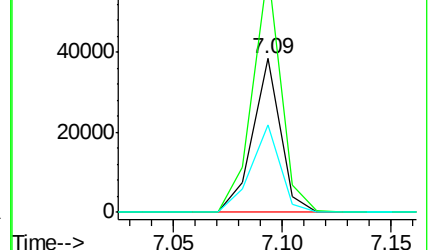
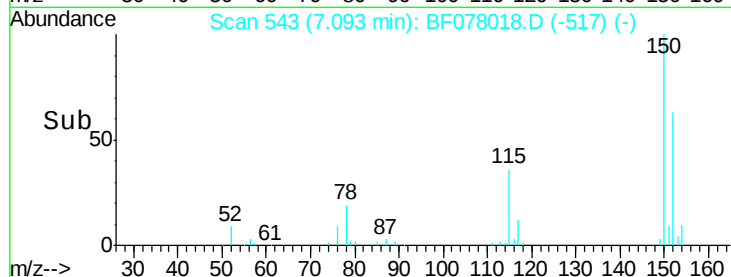
115 56.9 43.0 64.4



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: 122.19 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF078018.D

Acq: 27 Mar 2015 3:36

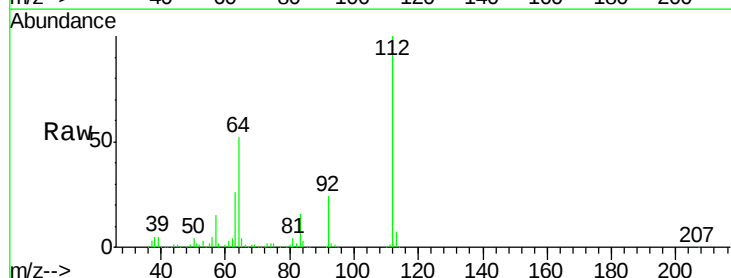
Tgt Ion:112 Resp: 238148

Ion Ratio Lower Upper

112 100

64 52.2 38.6 57.8

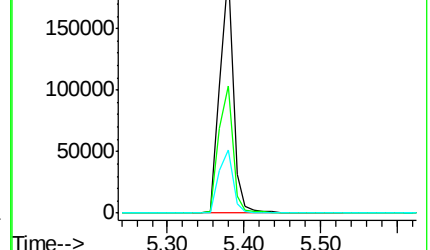
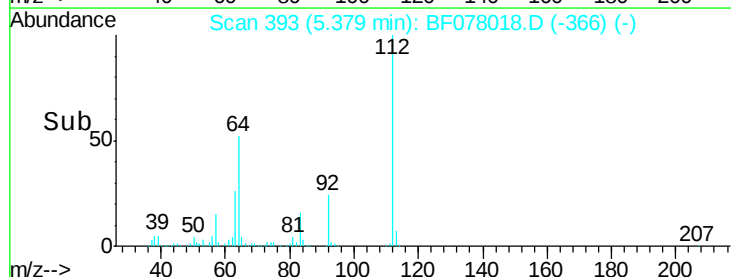
63 25.7 19.3 28.9

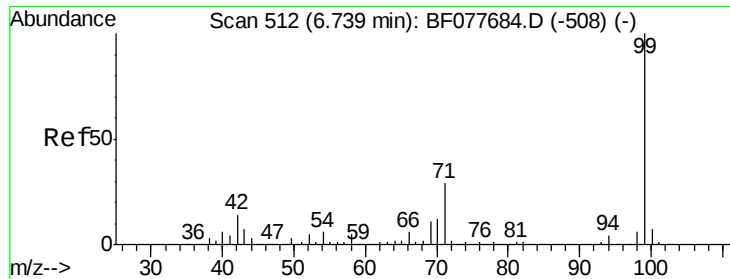


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.77 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078018.D

Acq: 27 Mar 2015 3:36

Instrument :

BNA_F

ClientSampleId :

FD2

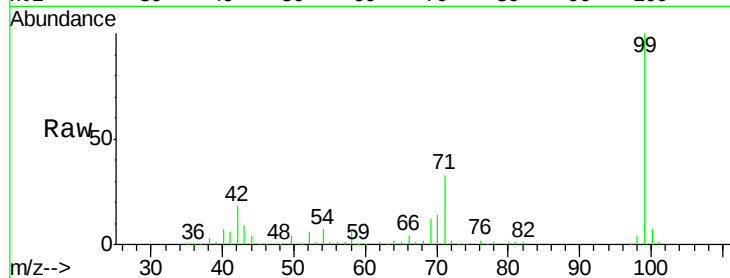
Tgt Ion: 99 Resp: 295621

Ion Ratio Lower Upper

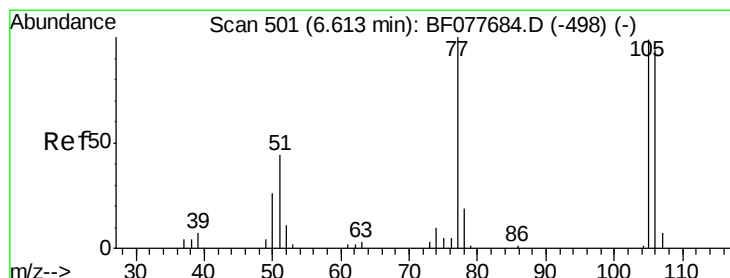
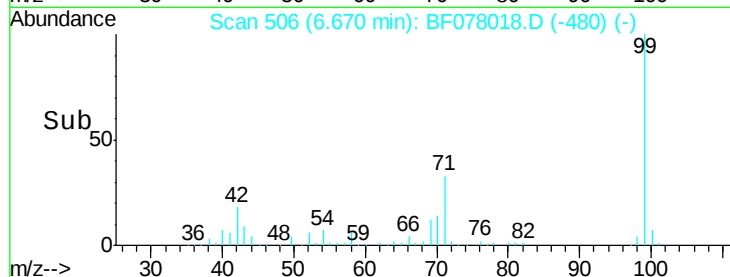
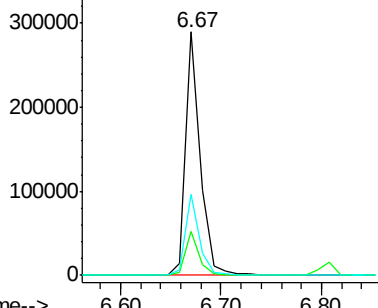
99 100

42 18.0 11.0 16.4#

71 33.4 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: 2.71 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF078018.D

Acq: 27 Mar 2015 3:36

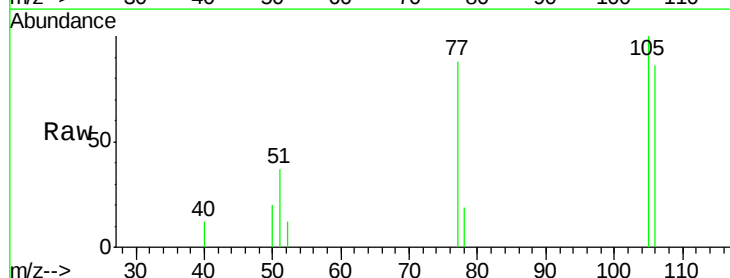
Tgt Ion: 77 Resp: 2669

Ion Ratio Lower Upper

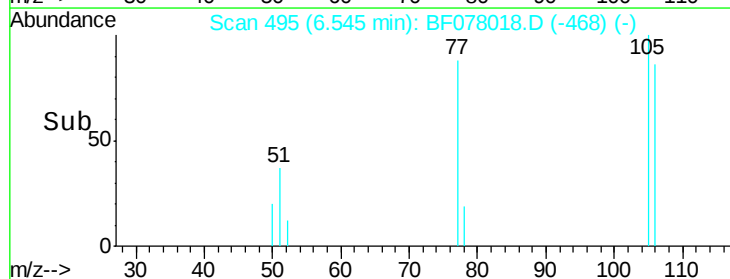
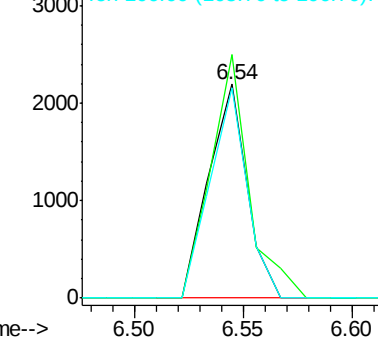
77 100

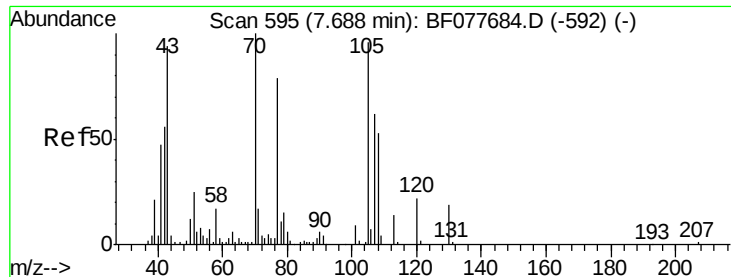
105 114.0 78.8 118.8

106 98.4 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

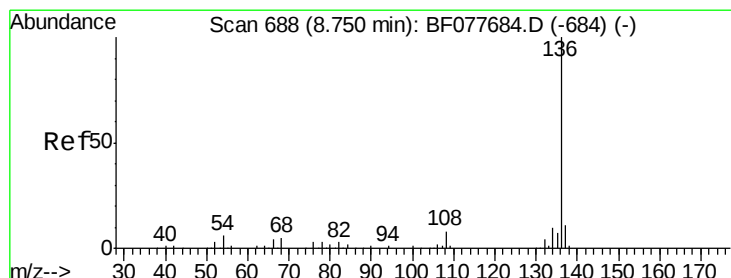
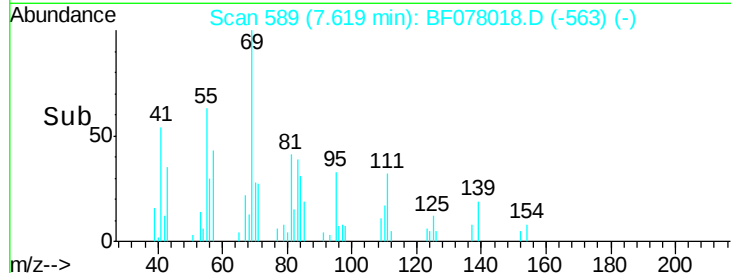
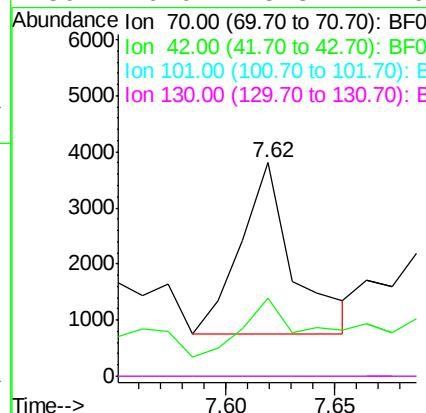
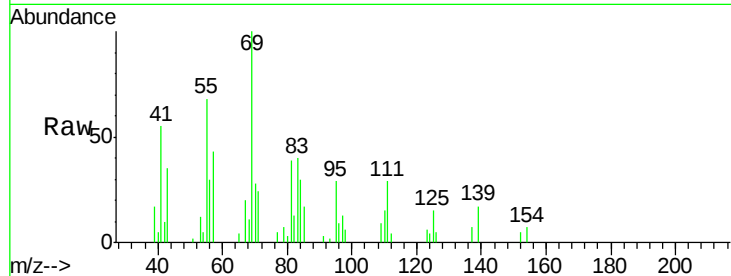




#19
n-Nitroso-di-n-propylamine
Concen: 3.13 ng
RT: 7.62 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF078018.D
Acq: 27 Mar 2015 3:36

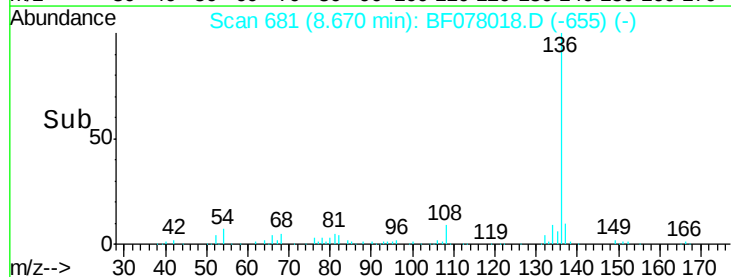
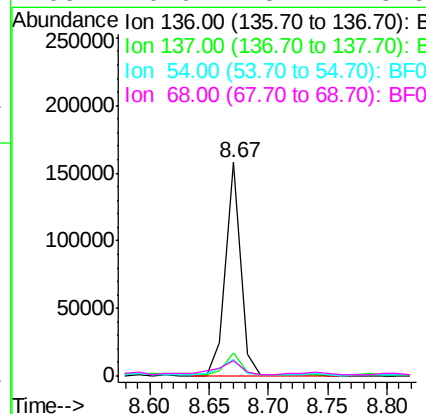
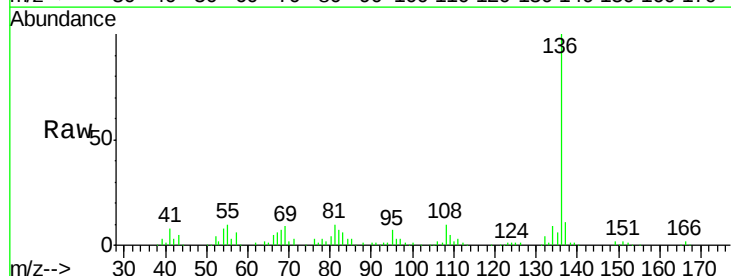
Instrument :
BNA_F
ClientSampleId :
FD2

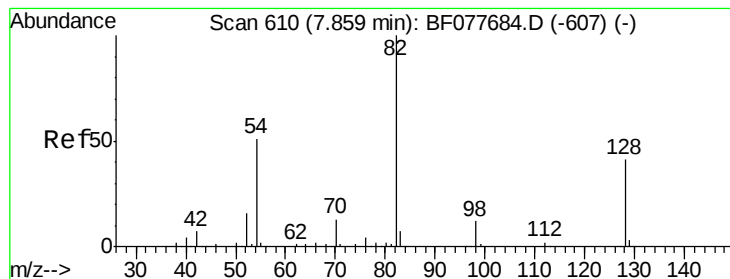
Tgt Ion: 70 Resp: 5208
Ion Ratio Lower Upper
70 100
42 36.3 44.5 66.7#
101 0.0 7.4 11.2#
130 0.0 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078018.D
Acq: 27 Mar 2015 3:36

Tgt Ion: 136 Resp: 139299
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.7 4.6 6.8#
68 6.9 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 85.92 ng

RT: 7.79 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF078018.D

Acq: 27 Mar 2015 3:36

Instrument :

BNA_F

ClientSampleId :

FD2

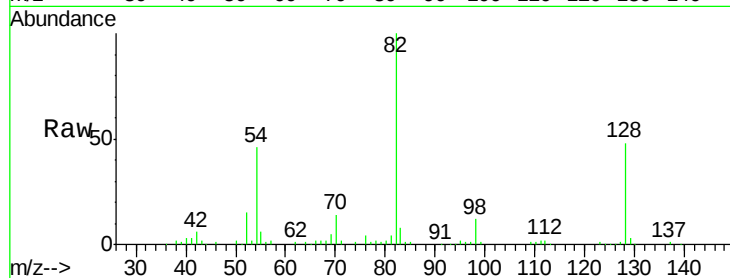
Tgt Ion: 82 Resp: 182579

Ion Ratio Lower Upper

82 100

128 48.4 32.8 49.2

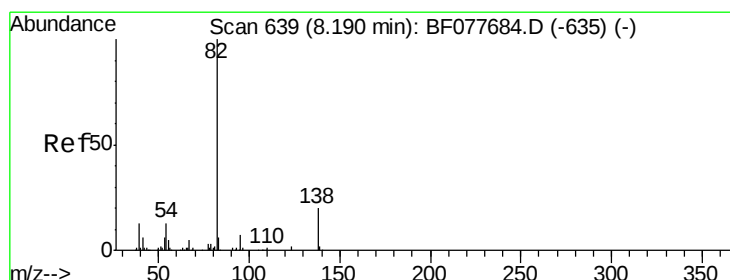
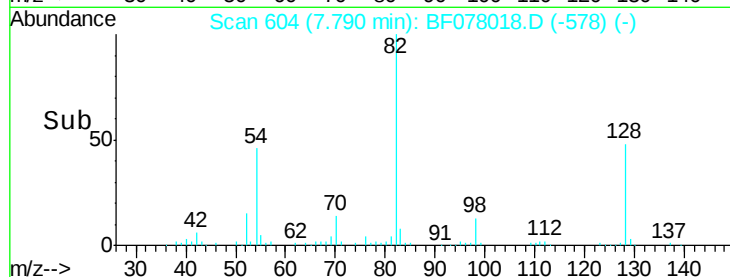
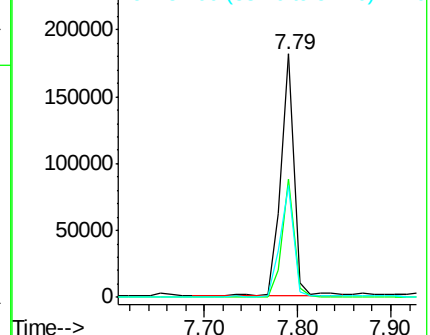
54 46.0 40.6 60.8



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



#25

Isophorone

Concen: 4.54 ng

RT: 8.08 min Scan# 629

Delta R.T. -0.03 min

Lab File: BF078018.D

Acq: 27 Mar 2015 3:36

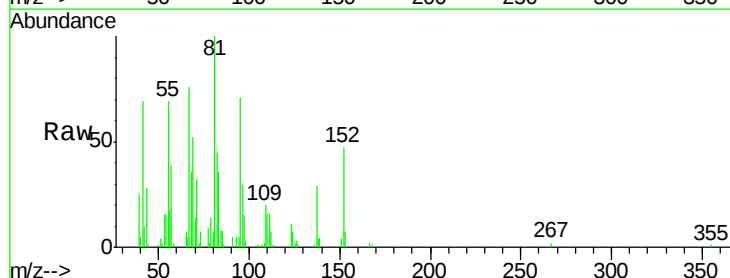
Tgt Ion: 82 Resp: 19494

Ion Ratio Lower Upper

82 100

95 157.9 5.8 8.6#

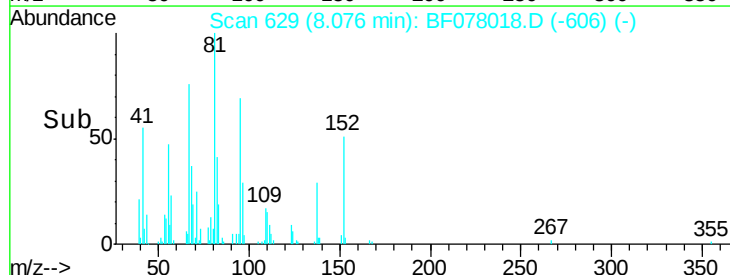
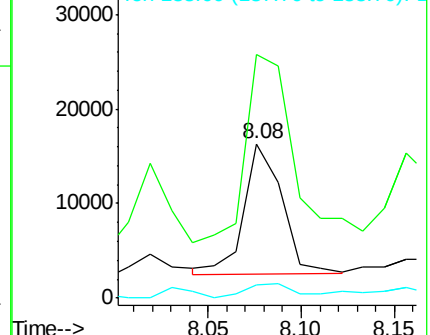
138 8.2 16.3 24.5#

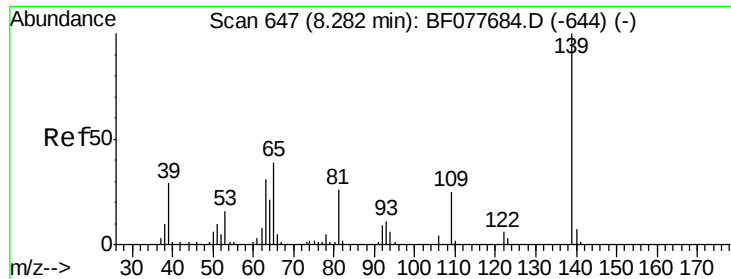


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

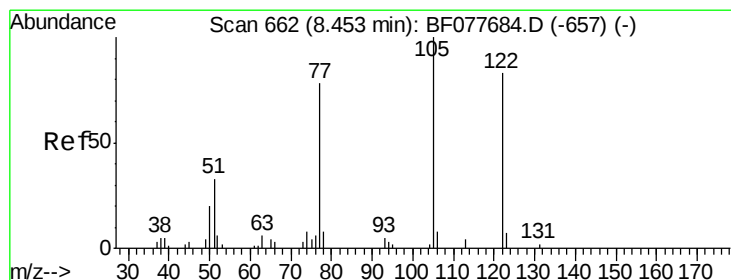
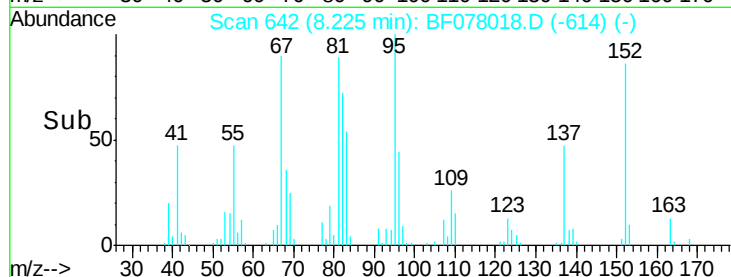
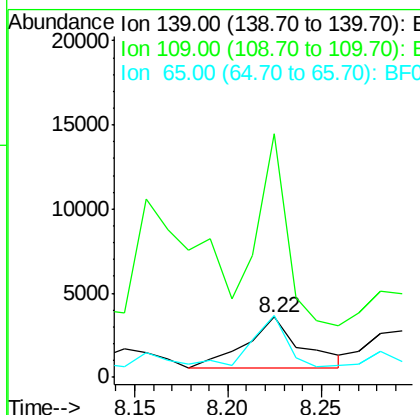
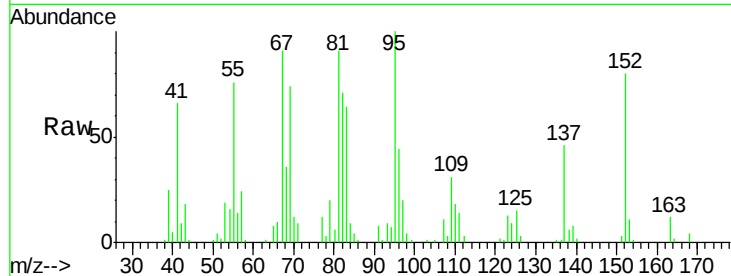




#26
2-Nitrophenol
Concen: 5.73 ng
RT: 8.22 min Scan# 642
Delta R.T. 0.02 min
Lab File: BF078018.D
Acq: 27 Mar 2015 3:36

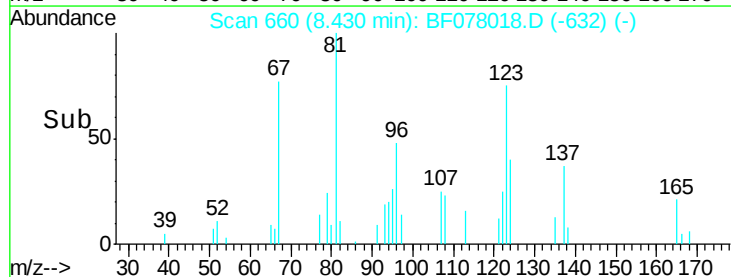
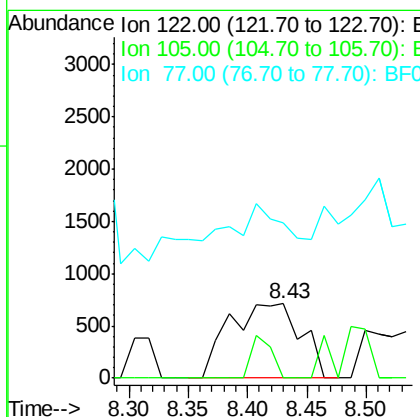
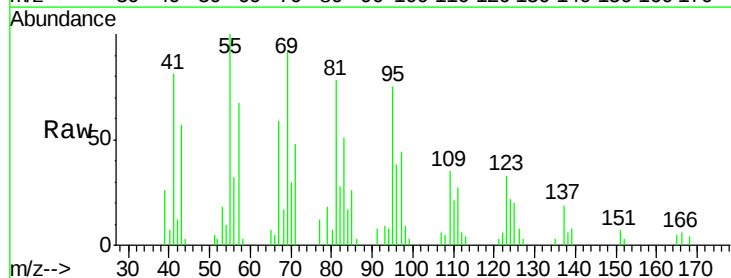
Instrument :
BNA_F
ClientSampleId :
FD2

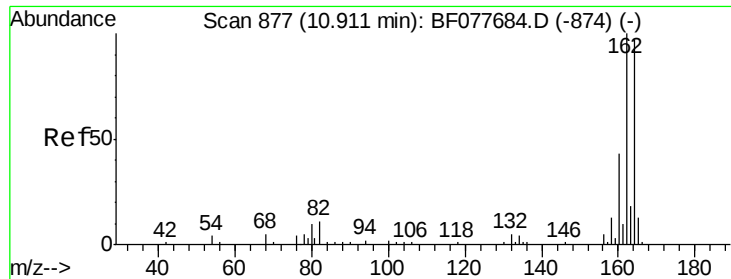
Tgt Ion:139 Resp: 6422
Ion Ratio Lower Upper
139 100
109 404.8 20.1 30.1#
65 103.0 31.5 47.3#



#32
Benzoic acid
Concen: 5.55 ng
RT: 8.43 min Scan# 660
Delta R.T. 0.02 min
Lab File: BF078018.D
Acq: 27 Mar 2015 3:36

Tgt Ion:122 Resp: 2994
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 210.2 73.7 113.7#

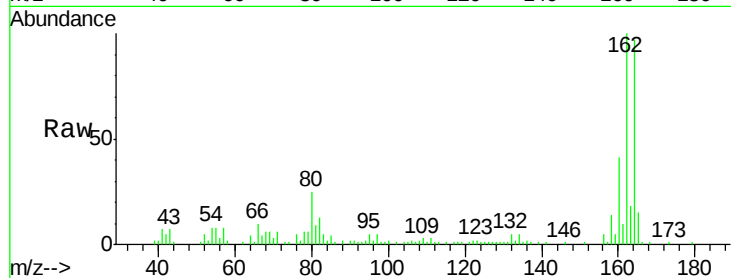




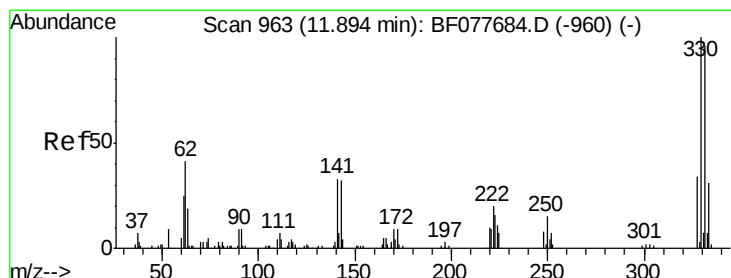
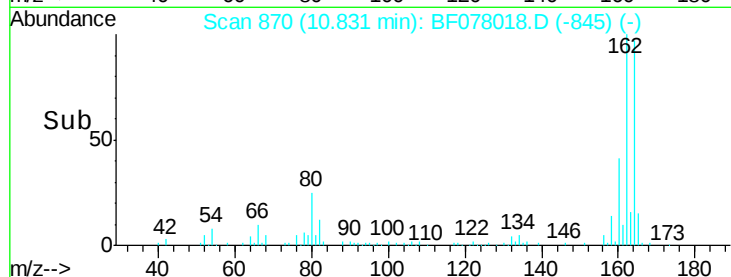
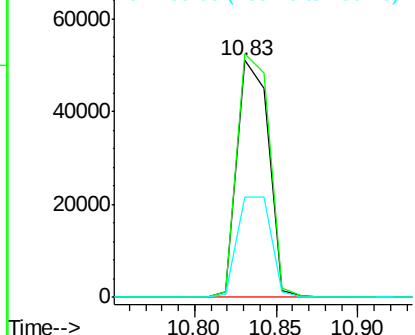
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.83 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF078018.D
 Acq: 27 Mar 2015 3:36

Instrument :
 BNA_F
 ClientSampleId :
 FD2

Tgt Ion:164 Resp: 67900
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.4 123.6
 160 42.2 35.8 53.6

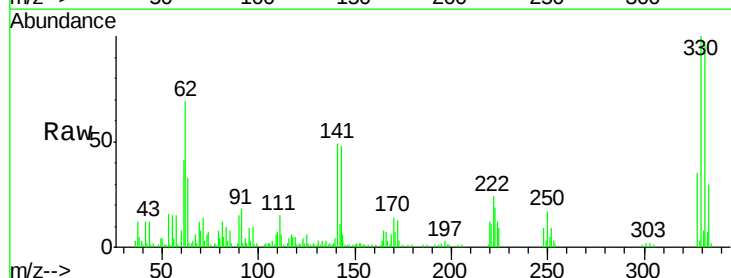


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

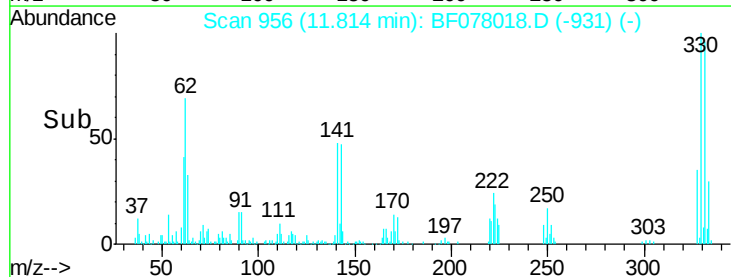
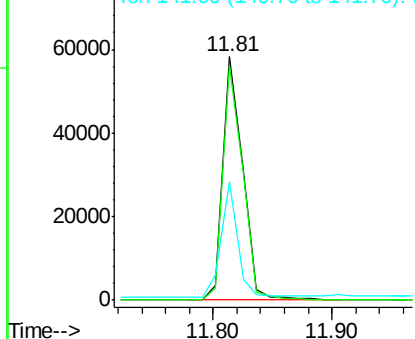


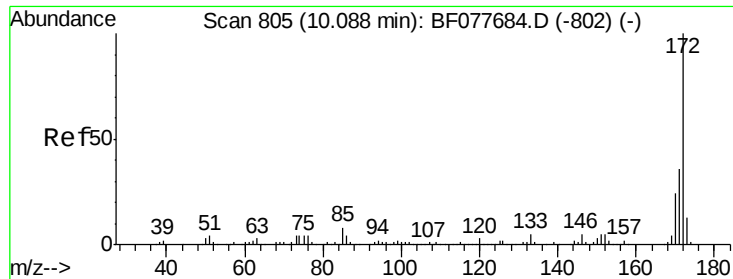
#41
 2,4,6-Tribromophenol
 Concen: 102.21 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078018.D
 Acq: 27 Mar 2015 3:36

Tgt Ion:330 Resp: 66401
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 41.1 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

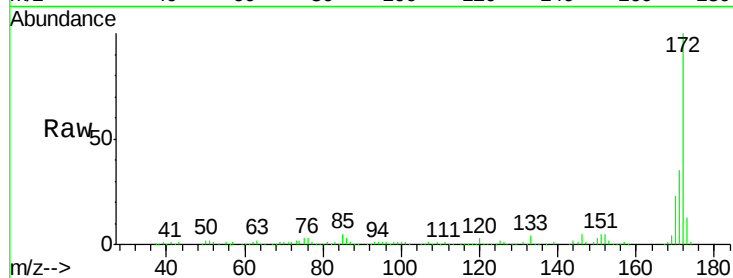




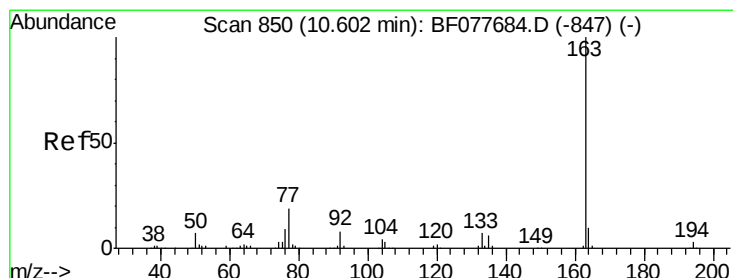
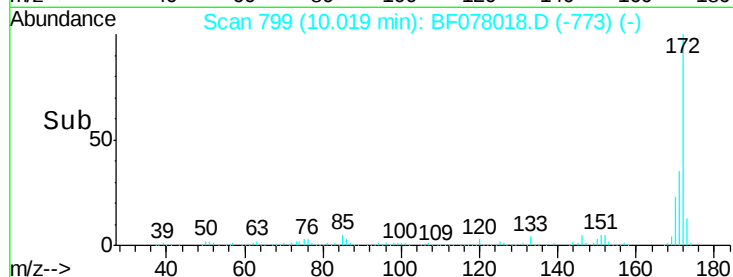
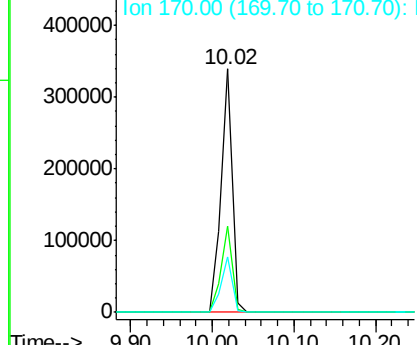
#44
 2-Fluorobiphenyl
 Concen: 69.89 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078018.D
 Acq: 27 Mar 2015 3:36

Instrument :
 BNA_F
 ClientSampleId :
 FD2

Tgt Ion:172 Resp: 322903
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 22.9 18.8 28.2

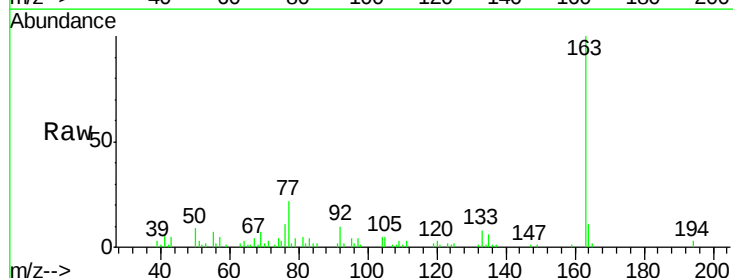


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

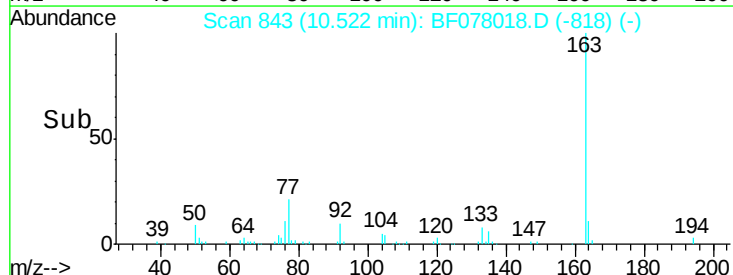
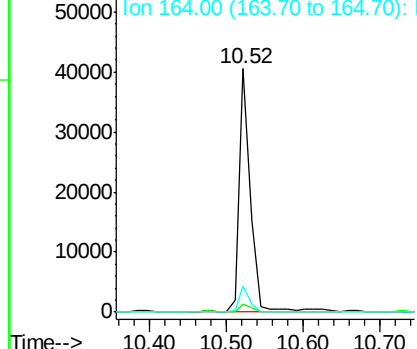


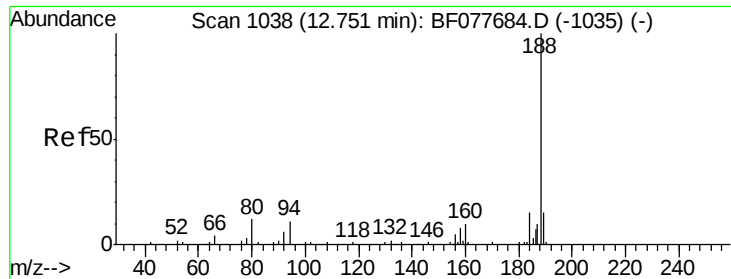
#49
 Dimethylphthalate
 Concen: 8.52 ng
 RT: 10.52 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF078018.D
 Acq: 27 Mar 2015 3:36

Tgt Ion:163 Resp: 42913
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.7 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

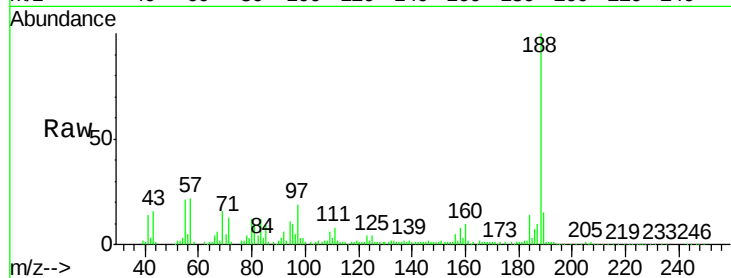




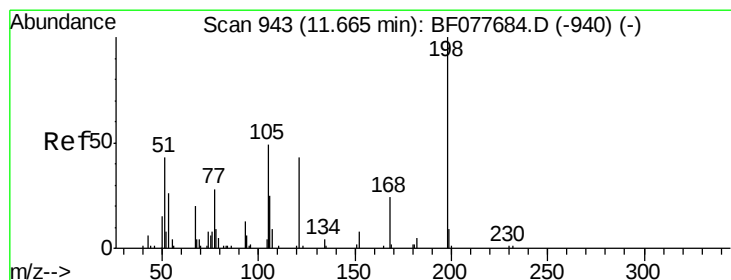
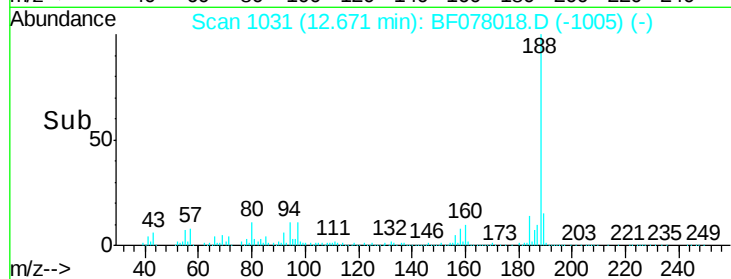
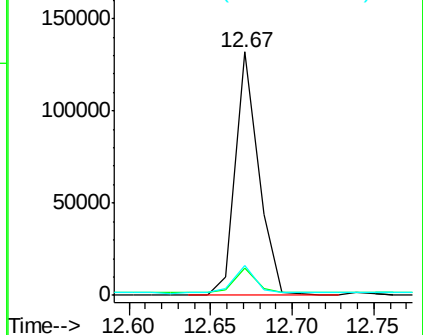
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078018.D
Acq: 27 Mar 2015 3:36

Instrument :
BNA_F
ClientSampleId :
FD2

Tgt Ion:188 Resp: 129721
Ion Ratio Lower Upper
188 100
94 11.5 8.7 13.1
80 12.1 9.3 13.9

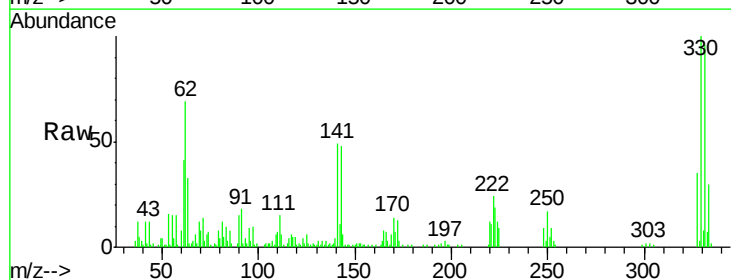


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

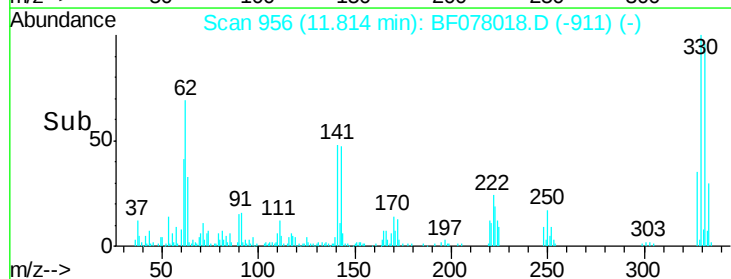
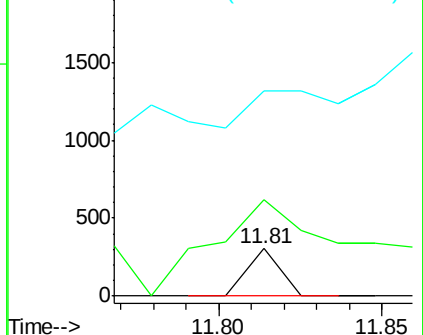


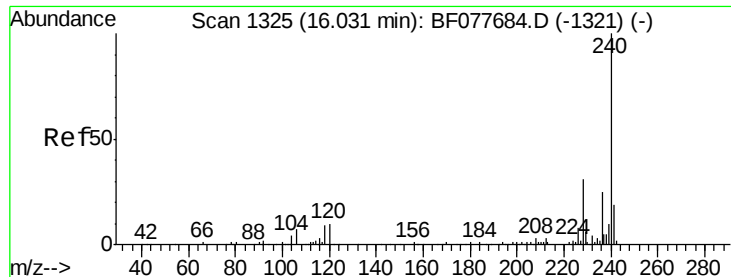
#64
4,6-Dinitro-2-methylphenol
Concen: 4.61 ng
RT: 11.81 min Scan# 956
Delta R.T. 0.22 min
Lab File: BF078018.D
Acq: 27 Mar 2015 3:36

Tgt Ion:198 Resp: 208
Ion Ratio Lower Upper
198 100
51 203.0 28.8 68.8#
105 435.3 30.5 70.5#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.95 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF078018.D

Acq: 27 Mar 2015 3:36

Instrument :

BNA_F

ClientSampleId :

FD2

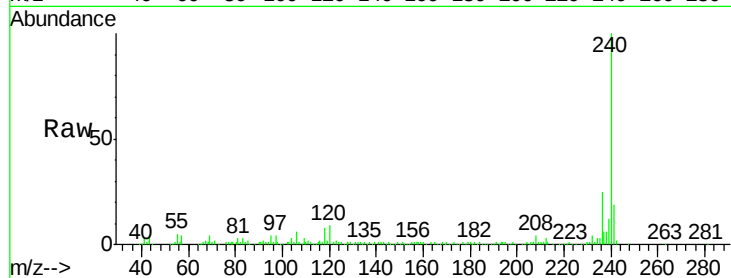
Tgt Ion:240 Resp: 151065

Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

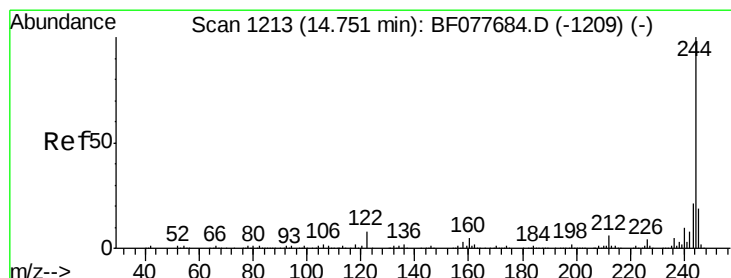
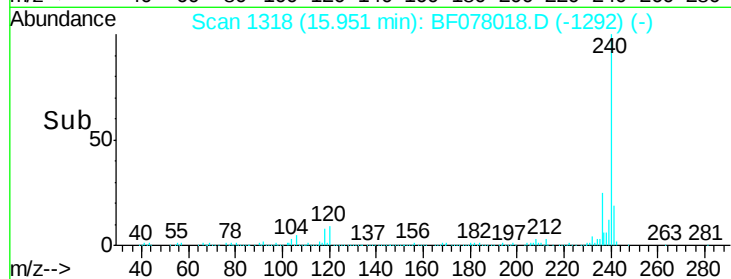
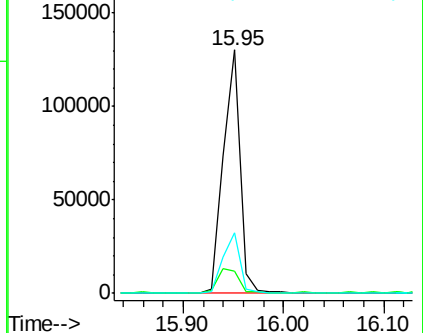
236 24.8 20.0 30.0



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: 60.87 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF078018.D

Acq: 27 Mar 2015 3:36

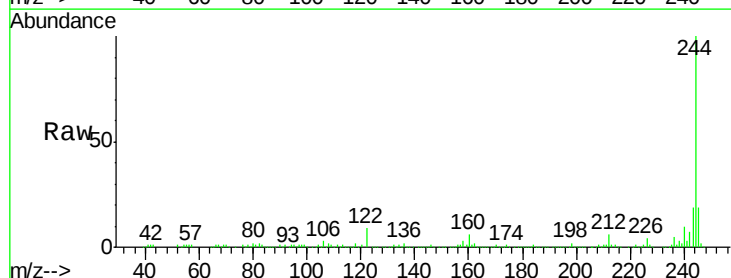
Tgt Ion:244 Resp: 376463

Ion Ratio Lower Upper

244 100

212 6.1 4.9 7.3

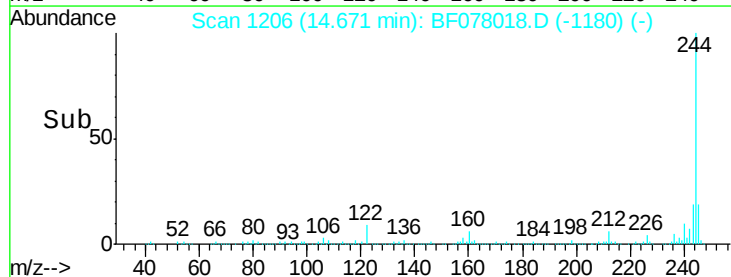
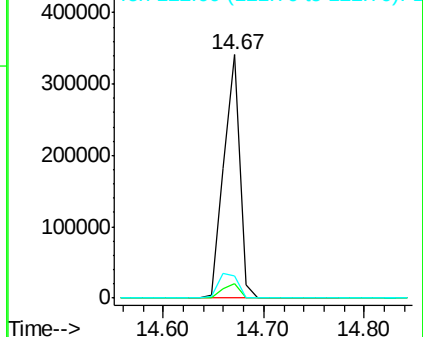
122 8.9 6.2 9.4

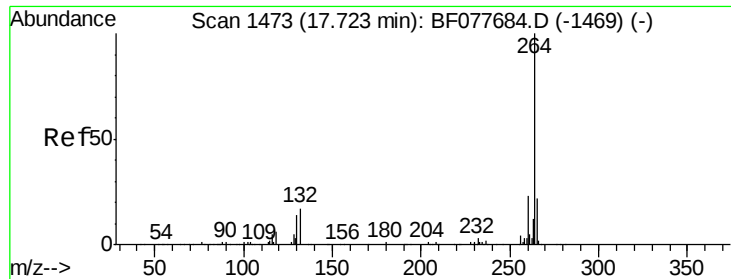


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

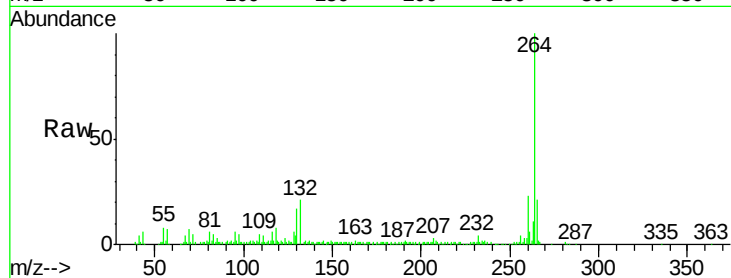




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.61 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BF078018.D
Acq: 27 Mar 2015 3:36

Instrument :
BNA_F
ClientSampleId :
FD2

Tgt Ion: 264 Resp: 146148
Ion Ratio Lower Upper
264 100
260 22.7 18.6 27.8
265 21.4 17.3 25.9



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

