

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
 Data File : BF077876.D
 Acq On : 20 Mar 2015 21:22
 Operator : TP/IZ
 Sample : G1575-11
 Misc : W
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24V

Quant Time: Mar 20 23:09:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 23:52:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	45129	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	183262	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	90470	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	180765	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	190518	20.00	ng	-0.02
86) Perylene-d12	17.72	264	182867	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	58873	22.77	ng	0.00
7) Phenol-d6	6.70	99	56657	17.74	ng	0.00
23) Nitrobenzene-d5	7.81	82	81684	29.22	ng	-0.01
41) 2,4,6-Tribromophenol	11.85	330	36349	41.99	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	184214	29.92	ng	0.00
78) Terphenyl-d14	14.71	244	236627	30.34	ng	0.00

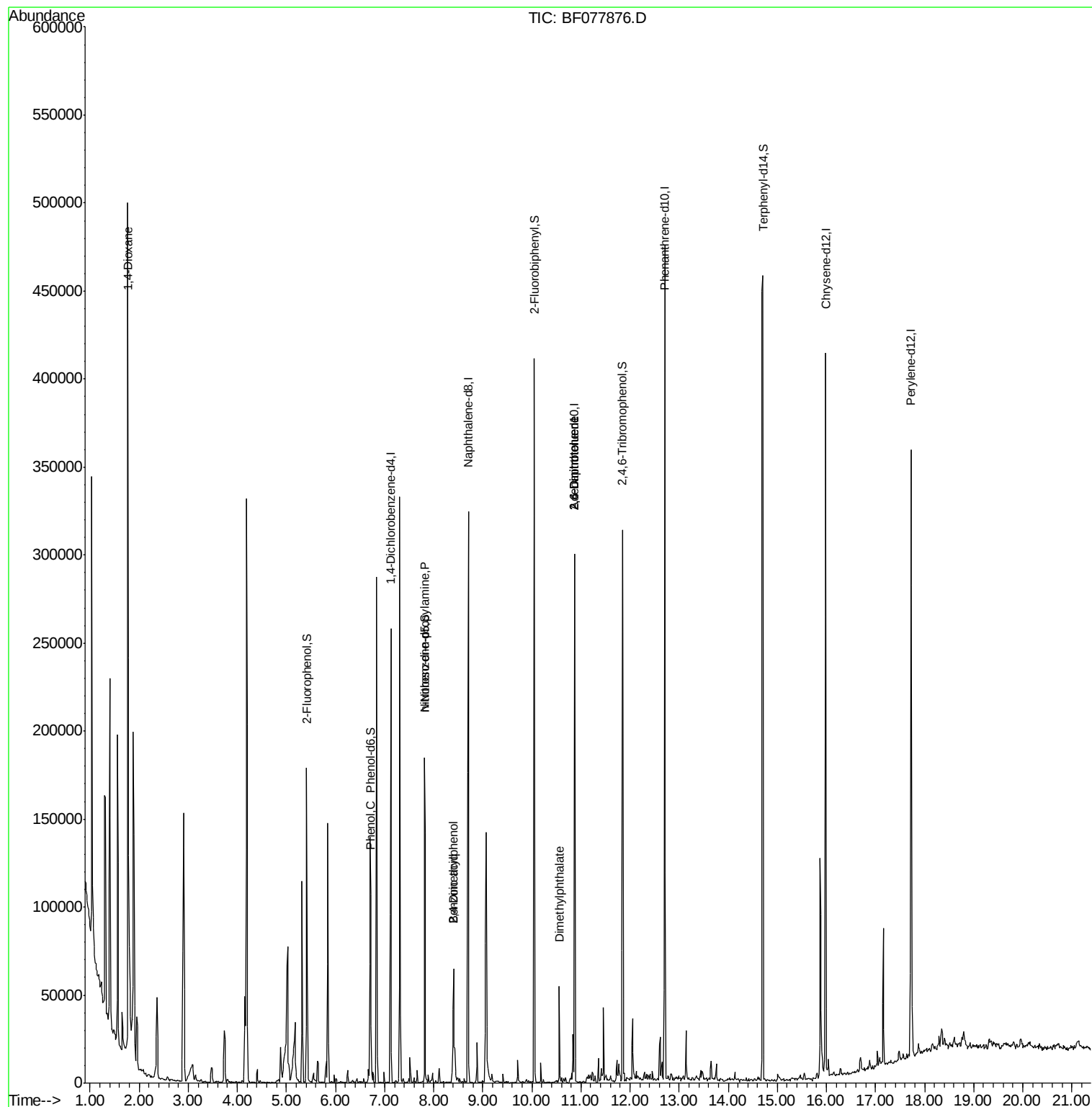
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.77	88	21212	18.07	ng	# 100
10) Phenol	6.72	94	36714	9.72	ng	# 71
19) n-Nitroso-di-n-propylamine	7.81	70	10165	4.60	ng	# 85
27) 2,4-Dimethylphenol	8.41	122	24680	9.19	ng	# 6
32) Benzoic acid	8.41	122	24680	18.50	ng	98
49) Dimethylphthalate	10.56	163	22774	3.39	ng	99
50) 2,6-Dinitrotoluene	10.86	165	11603	8.34	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	11608	6.40	ng	# 11

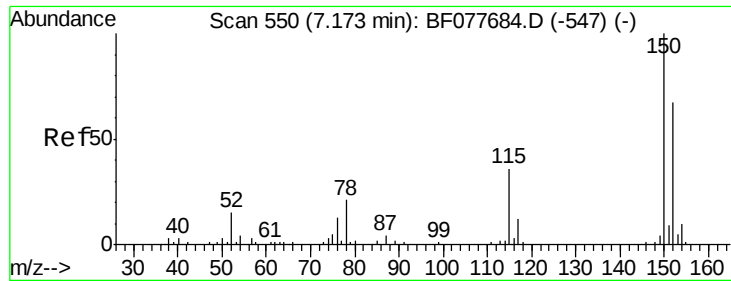
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077876.D

Acq: 20 Mar 2015 21:22

Instrument :

BNA_F

ClientSampleId :

MW-24V

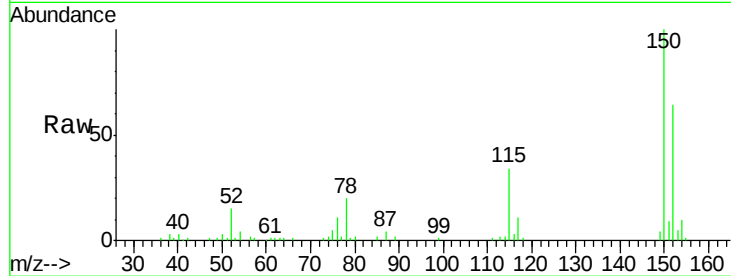
Tgt Ion:152 Resp: 45129

Ion Ratio Lower Upper

152 100

150 156.8 119.5 179.3

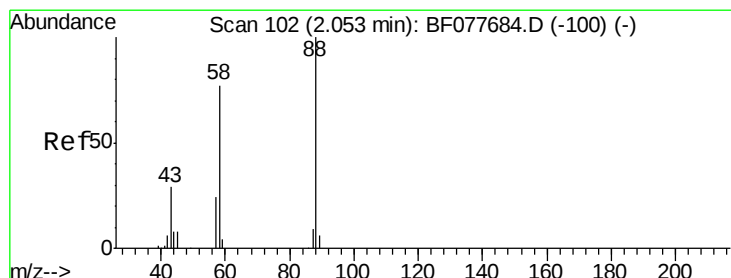
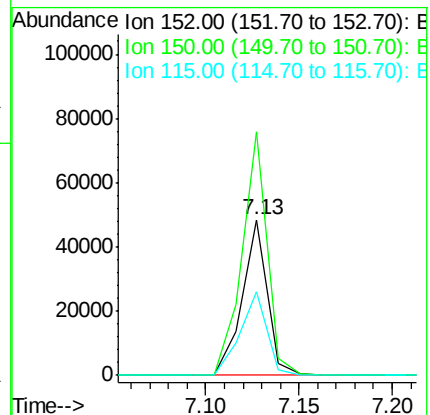
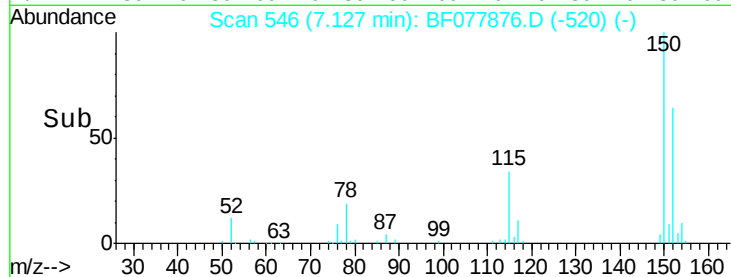
115 53.6 43.0 64.4



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



#2

1,4-Dioxane

Concen: 18.07 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.23 min

Lab File: BF077876.D

Acq: 20 Mar 2015 21:22

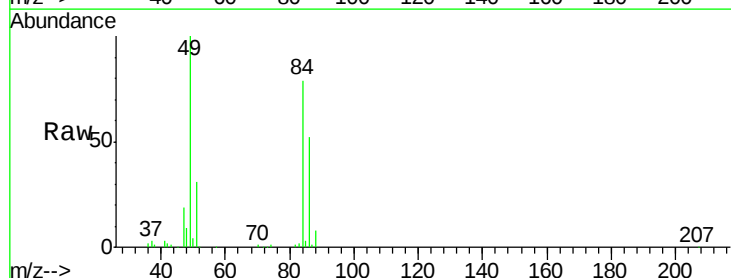
Tgt Ion: 88 Resp: 21212

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

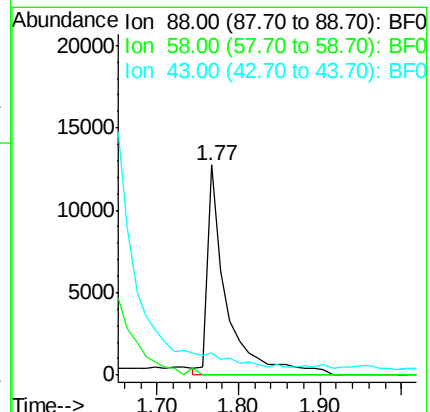
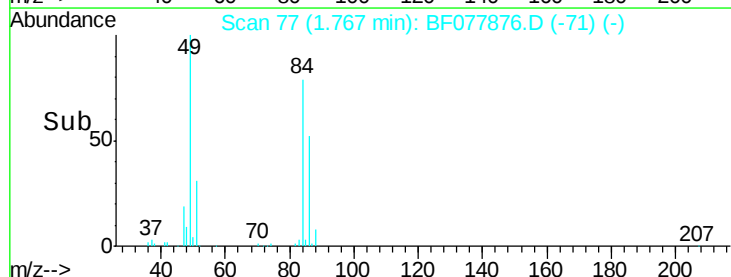
43 0.0 0.0 0.0

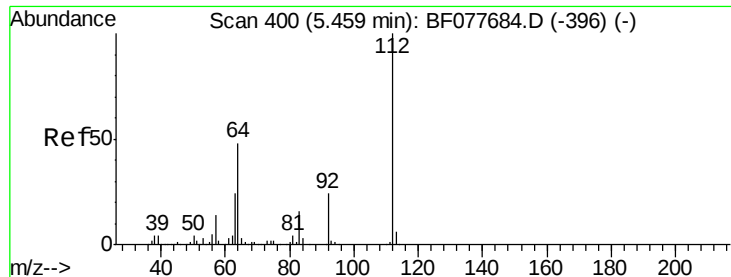


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 22.77 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077876.D

Acq: 20 Mar 2015 21:22

Instrument :

BNA_F

ClientSampleId :

MW-24V

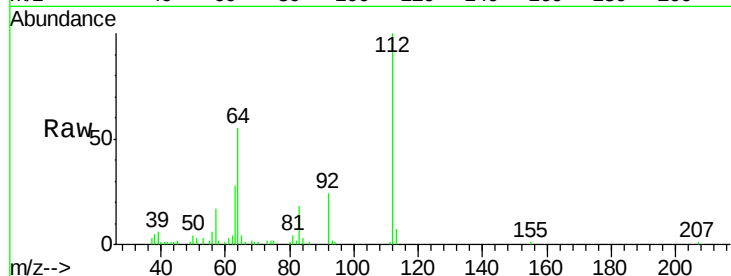
Tgt Ion: 112 Resp: 58873

Ion Ratio Lower Upper

112 100

64 55.2 38.6 57.8

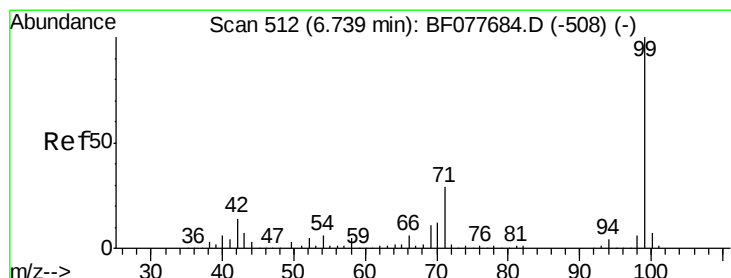
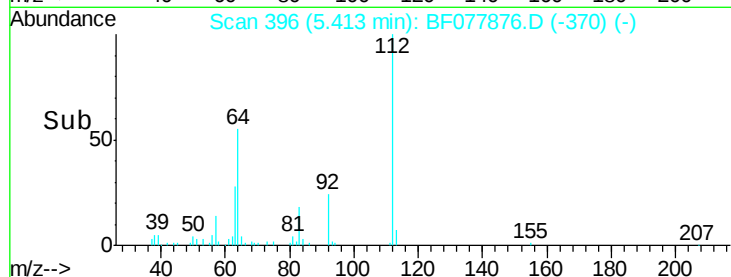
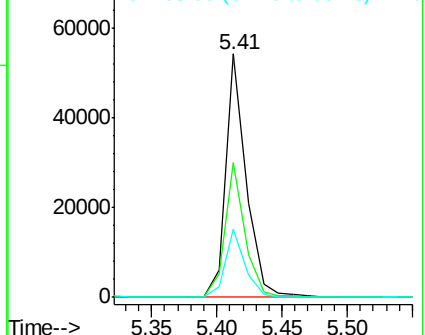
63 28.0 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): BFO

Ion 64.00 (63.70 to 64.70): BFO

Ion 63.00 (62.70 to 63.70): BFO



#7

Phenol-d6

Concen: 17.74 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077876.D

Acq: 20 Mar 2015 21:22

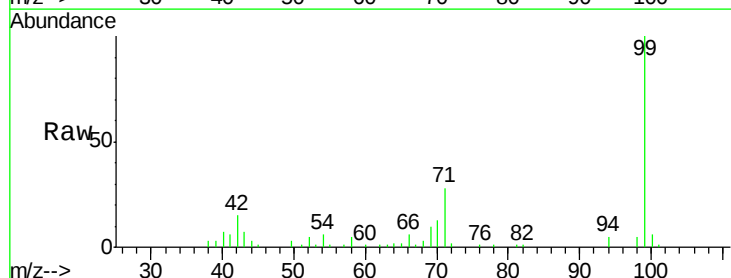
Tgt Ion: 99 Resp: 56657

Ion Ratio Lower Upper

99 100

42 14.8 11.0 16.4

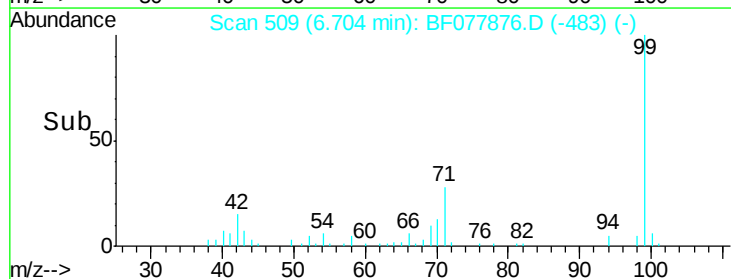
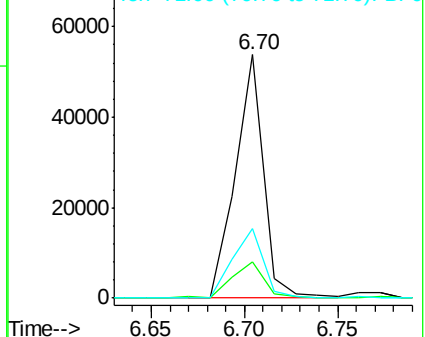
71 28.3 23.4 35.2

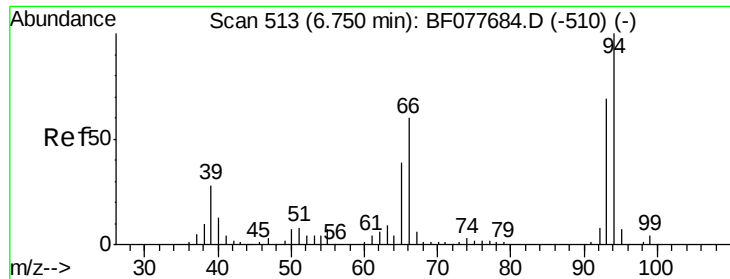


Abundance Ion 99.00 (98.70 to 99.70): BFO

Ion 42.00 (41.70 to 42.70): BFO

Ion 71.00 (70.70 to 71.70): BFO





#10

Phenol

Concen: 9.72 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF077876.D

Acq: 20 Mar 2015 21:22

Instrument :

BNA_F

ClientSampleId :

MW-24V

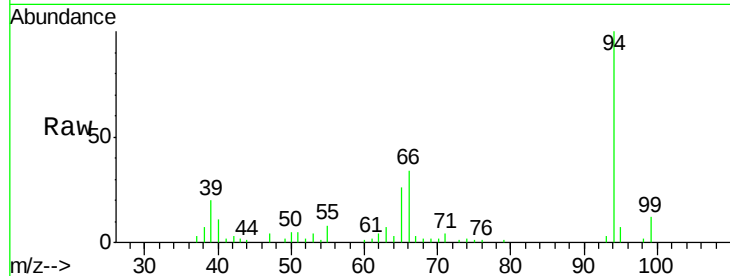
Tgt Ion: 94 Resp: 36714

Ion Ratio Lower Upper

94 100

65 25.6 18.8 58.8

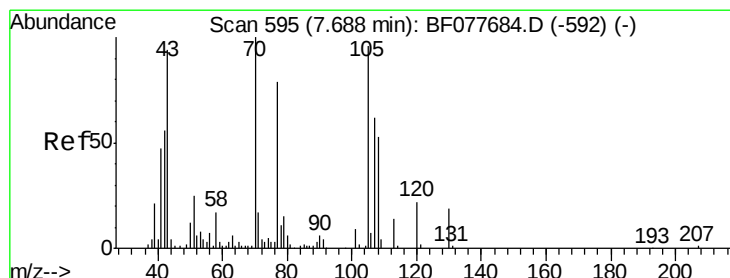
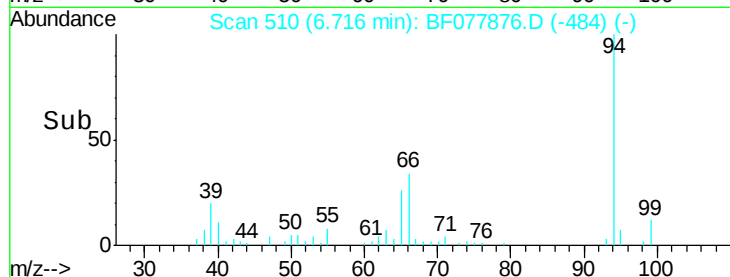
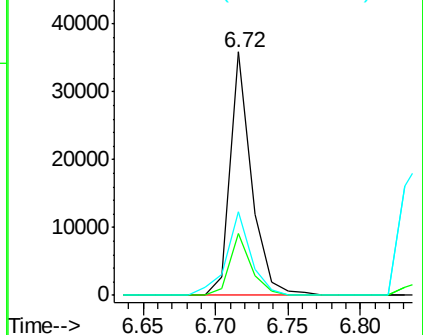
66 34.3 39.9 79.9#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 4.60 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.16 min

Lab File: BF077876.D

Acq: 20 Mar 2015 21:22

Tgt Ion: 70 Resp: 10165

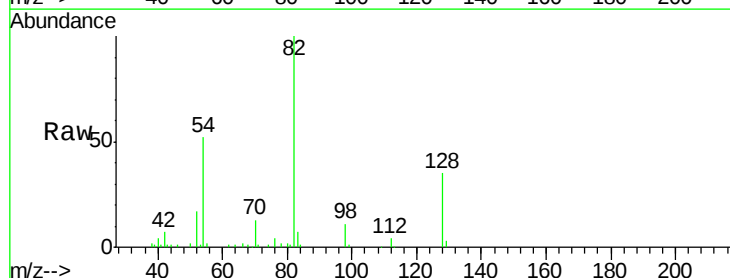
Ion Ratio Lower Upper

70 100

42 52.5 44.5 66.7

101 0.0 7.4 11.2#

130 0.0 15.3 22.9#

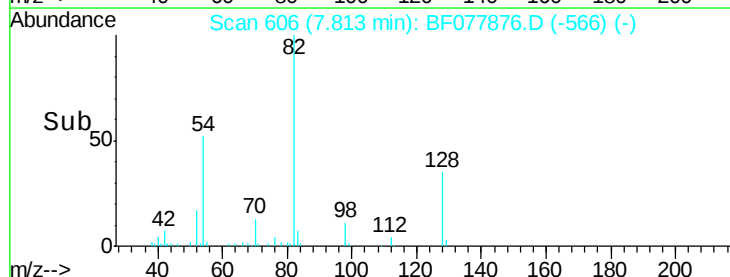
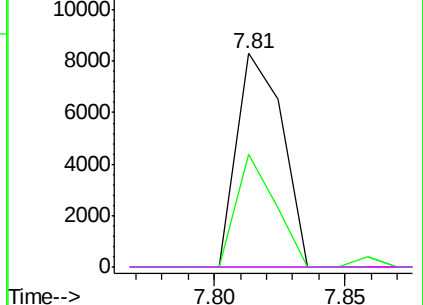


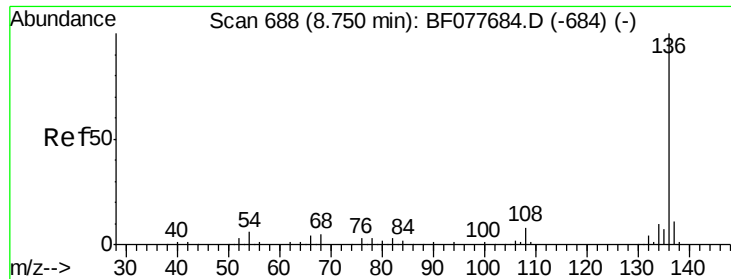
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

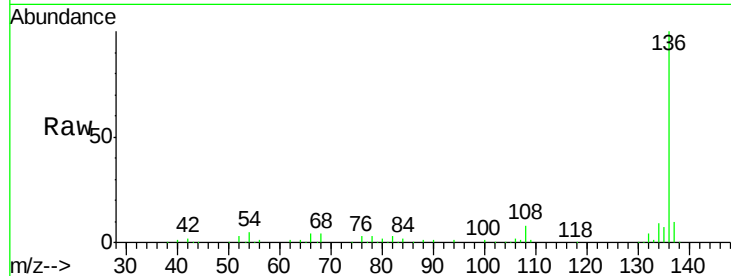




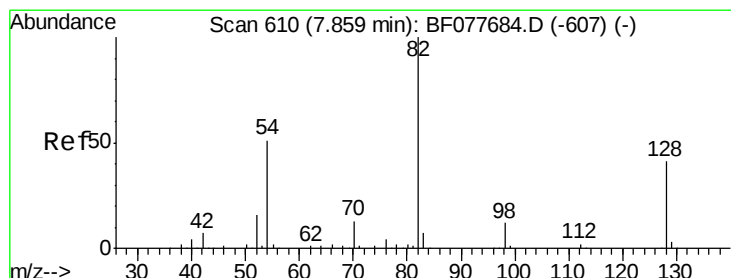
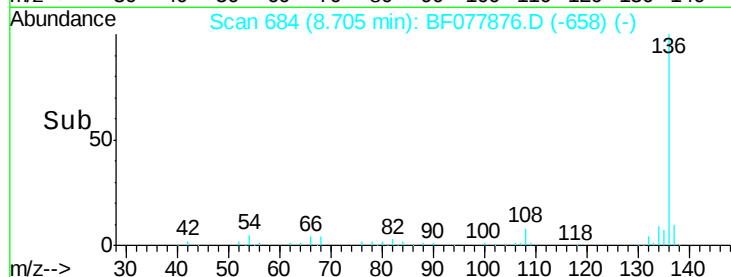
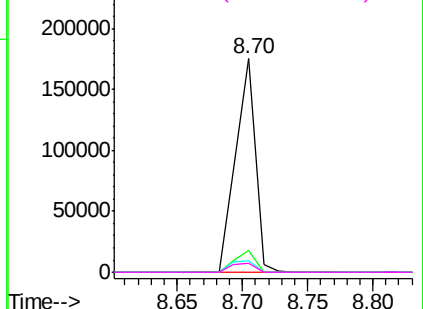
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077876.D
Acq: 20 Mar 2015 21:22

Instrument :
BNA_F
ClientSampleId :
MW-24V

Tgt Ion:	136	Resp:	183262
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	5.4	4.6	6.8
68	4.2	3.7	5.5

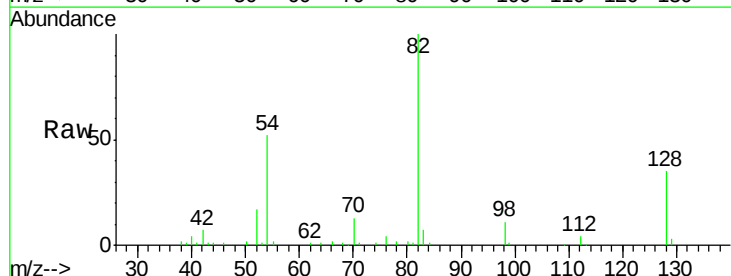


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

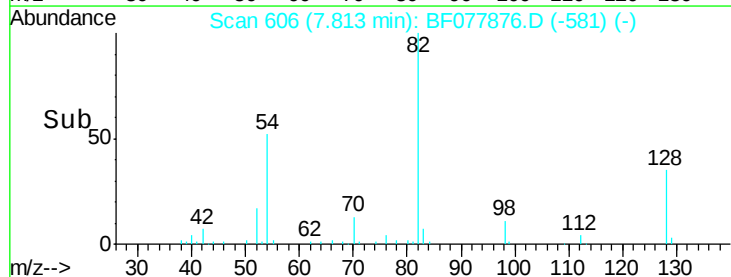
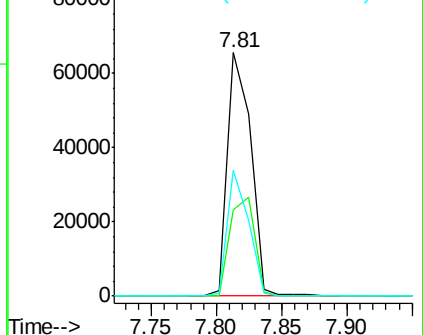


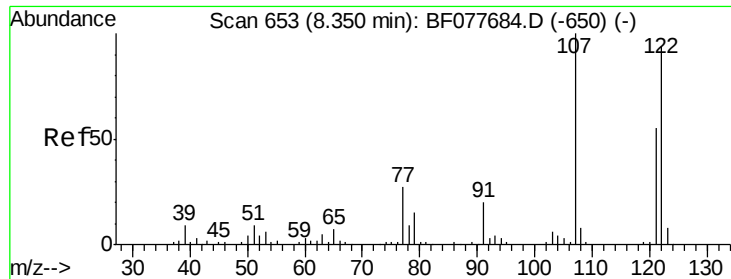
#23
Nitrobenzene-d5
Concen: 29.22 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF077876.D
Acq: 20 Mar 2015 21:22

Tgt Ion:	82	Resp:	81684
Ion	Ratio	Lower	Upper
82	100		
128	35.2	32.8	49.2
54	51.9	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

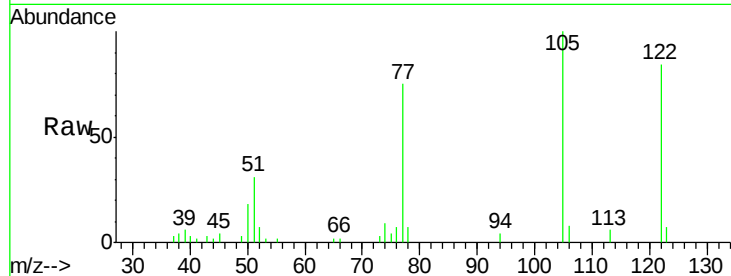




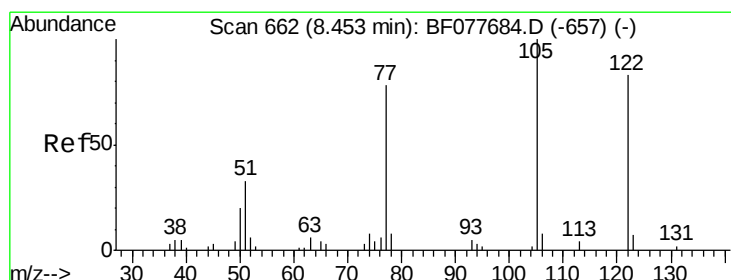
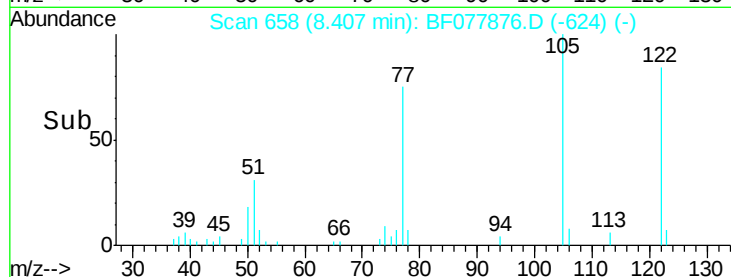
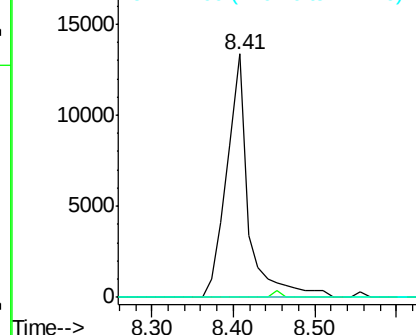
#27
 2,4-Dimethylphenol
 Concen: 9.19 ng
 RT: 8.41 min Scan# 658
 Delta R.T. 0.09 min
 Lab File: BF077876.D
 Acq: 20 Mar 2015 21:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-24V

Tgt Ion:122 Resp: 24680
 Ion Ratio Lower Upper
 122 100
 107 0.0 84.7 127.1#
 121 0.0 46.6 69.8#

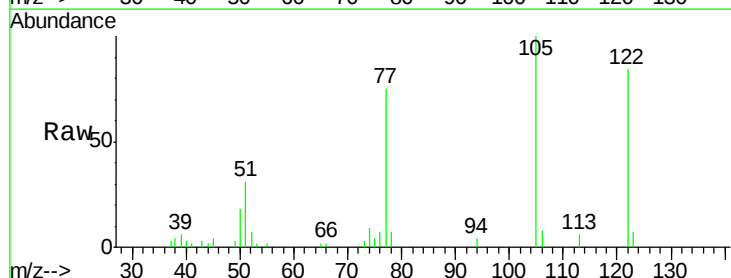


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

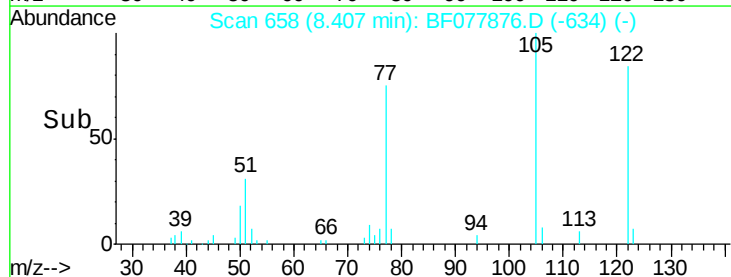
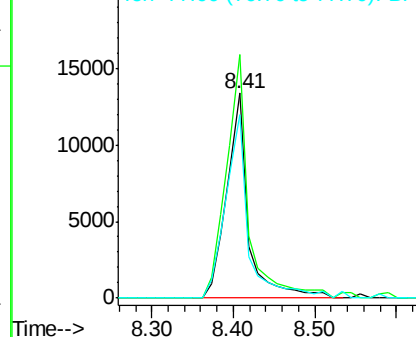


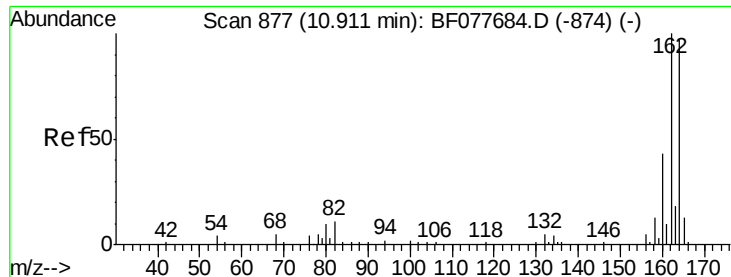
#32
 Benzoic acid
 Concen: 18.50 ng
 RT: 8.41 min Scan# 658
 Delta R.T. -0.02 min
 Lab File: BF077876.D
 Acq: 20 Mar 2015 21:22

Tgt Ion:122 Resp: 24680
 Ion Ratio Lower Upper
 122 100
 105 118.9 99.9 139.9
 77 89.7 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

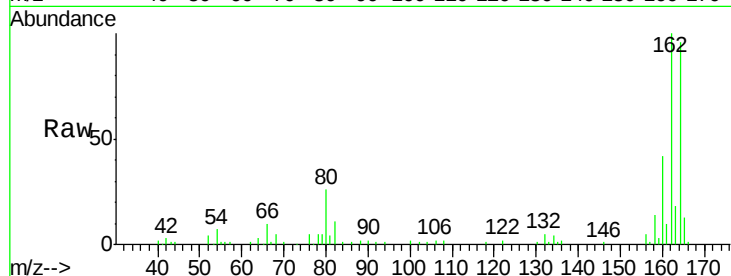




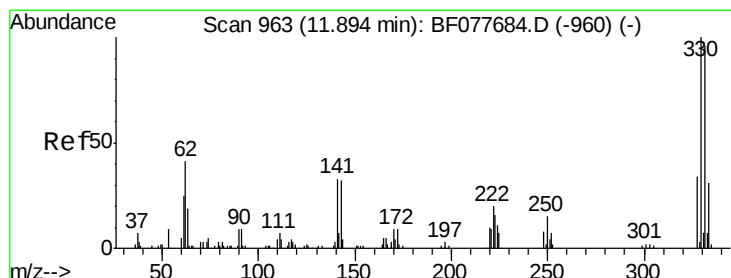
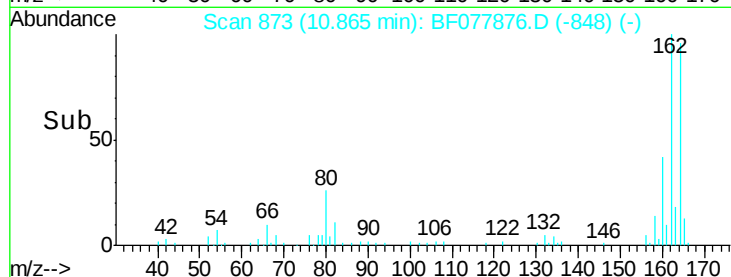
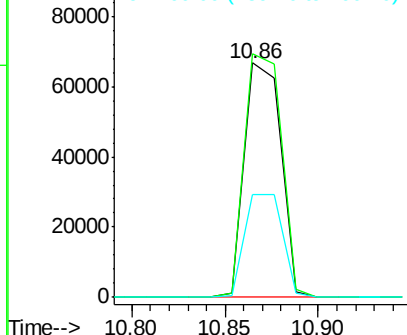
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF077876.D
 Acq: 20 Mar 2015 21:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-24V

Tgt Ion:164 Resp: 90470
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.4 123.6
 160 43.7 35.8 53.6

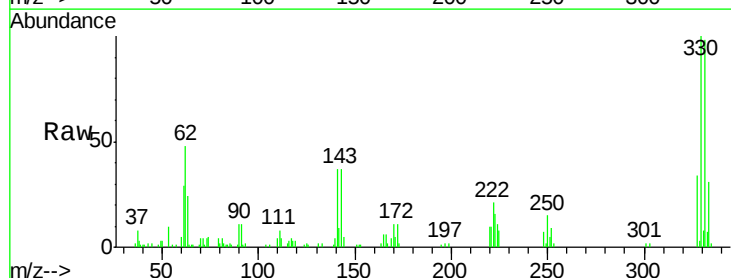


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

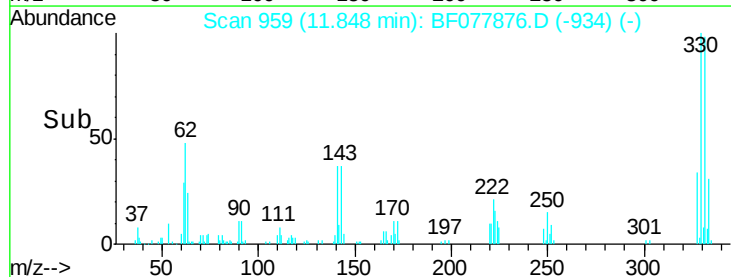
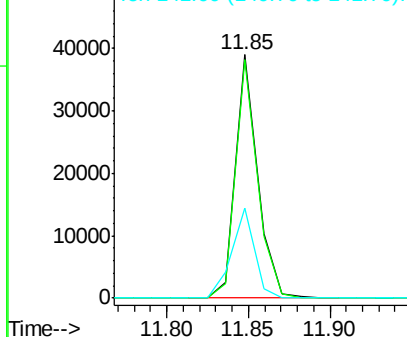


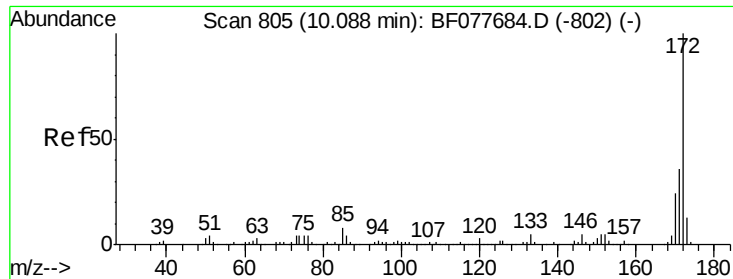
#41
 2,4,6-Tribromophenol
 Concen: 41.99 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF077876.D
 Acq: 20 Mar 2015 21:22

Tgt Ion:330 Resp: 36349
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 38.1 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

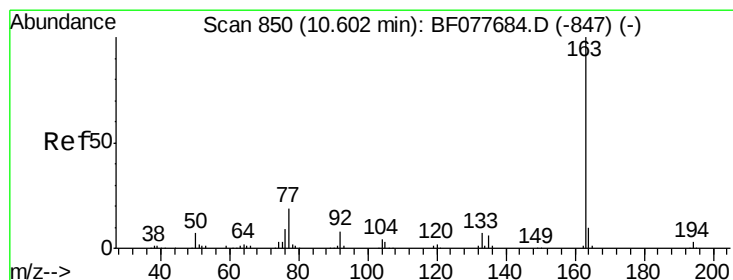
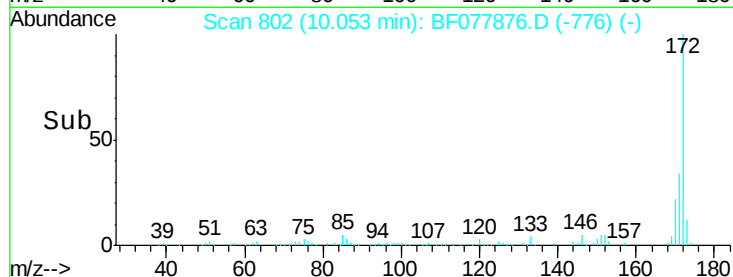
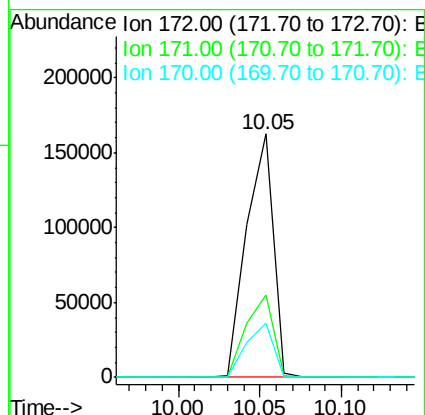
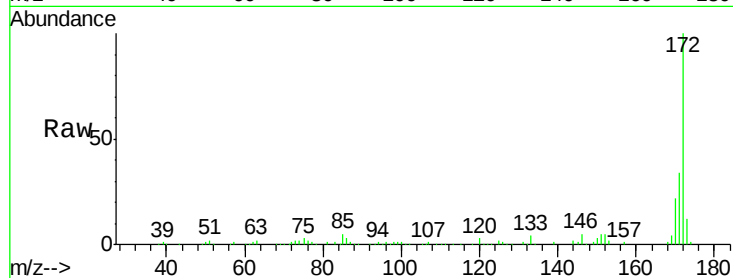




#44
 2-Fluorobiphenyl
 Concen: 29.92 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077876.D
 Acq: 20 Mar 2015 21:22

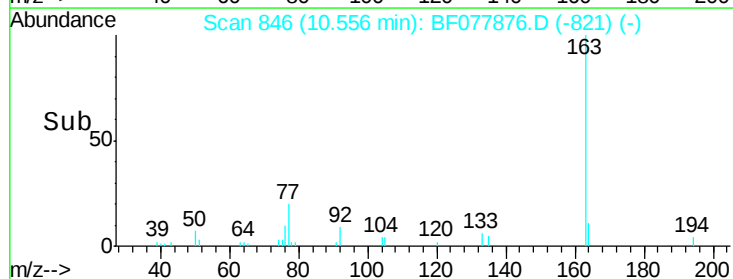
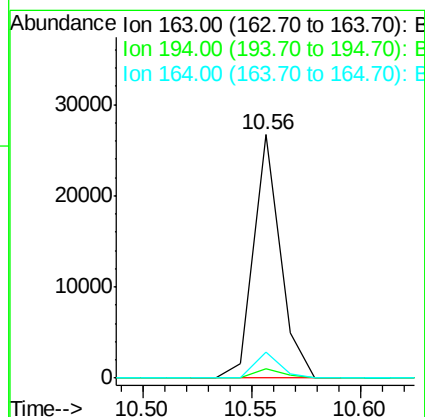
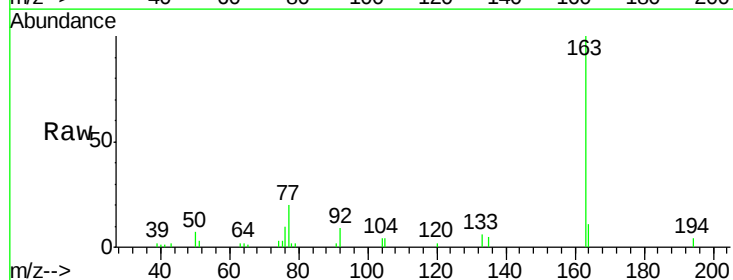
Instrument :
 BNA_F
 ClientSampleId :
 MW-24V

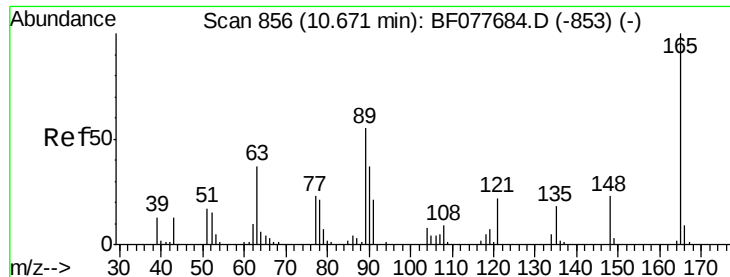
Tgt Ion:172 Resp: 184214
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.5 42.7
 170 22.0 18.8 28.2



#49
 Dimethylphthalate
 Concen: 3.39 ng
 RT: 10.56 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF077876.D
 Acq: 20 Mar 2015 21:22

Tgt Ion:163 Resp: 22774
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.6 8.2 12.2

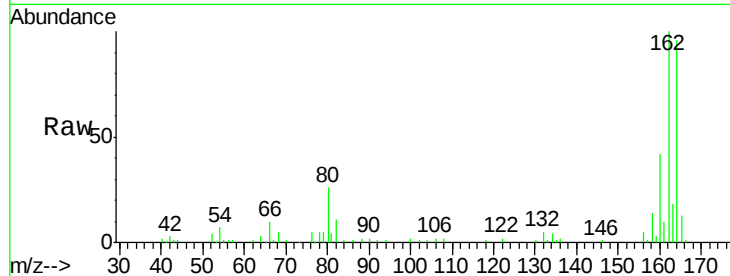




#50
 2,6-Dinitrotoluene
 Concen: 8.34 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.23 min
 Lab File: BF077876.D
 Acq: 20 Mar 2015 21:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-24V

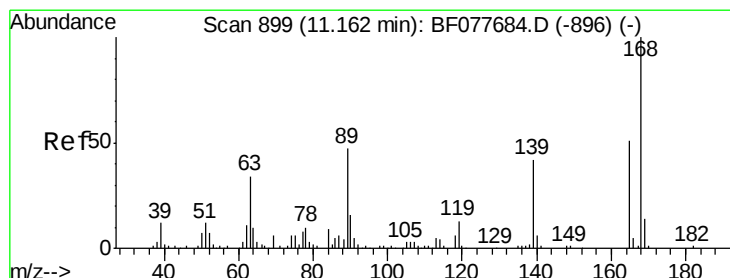
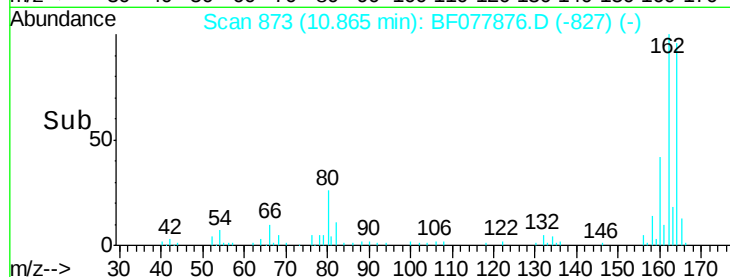
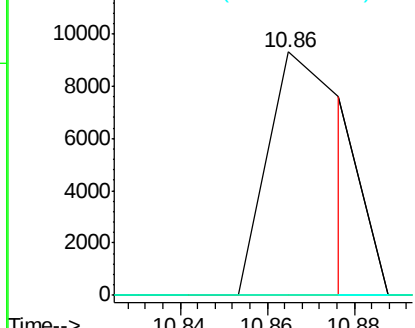
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.26 min
 Lab File: BF077876.D
 Acq: 20 Mar 2015 21:22

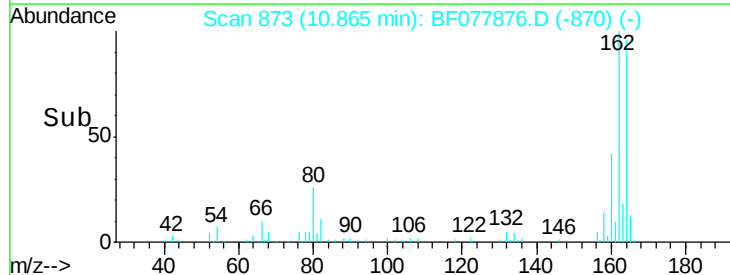
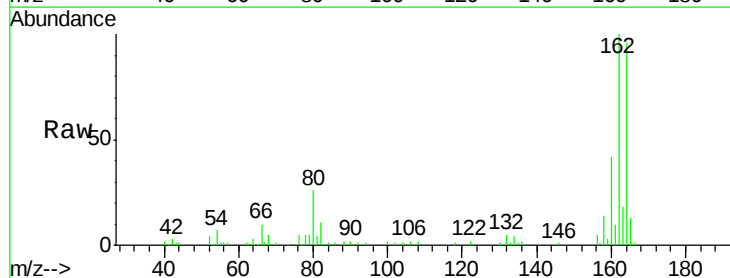
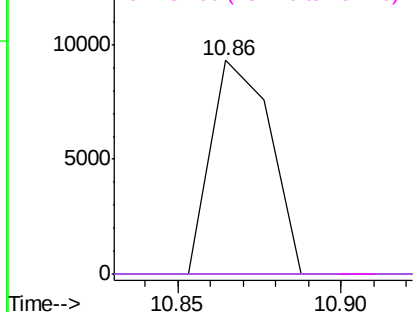
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

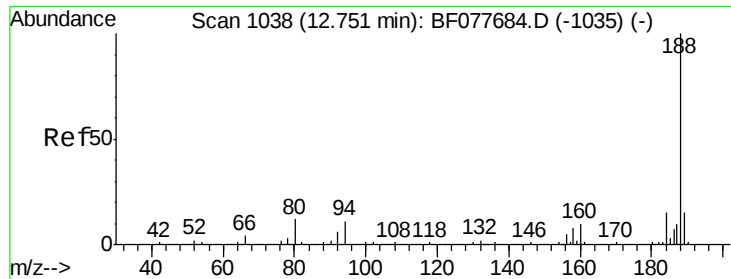
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

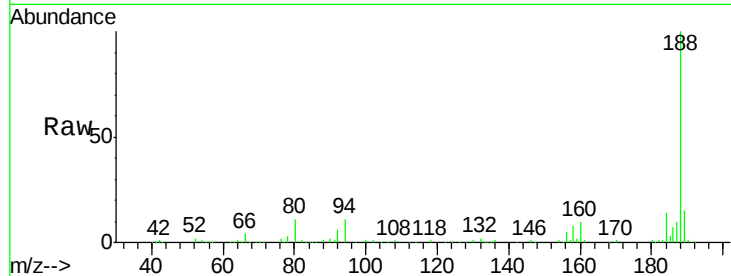




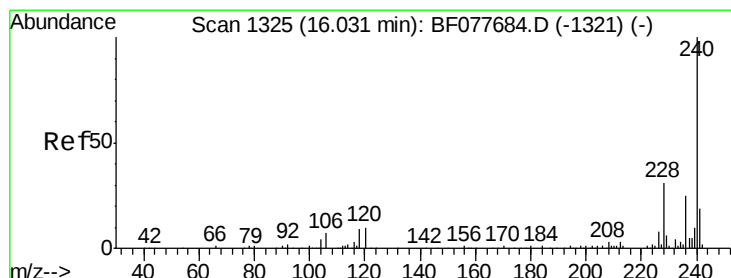
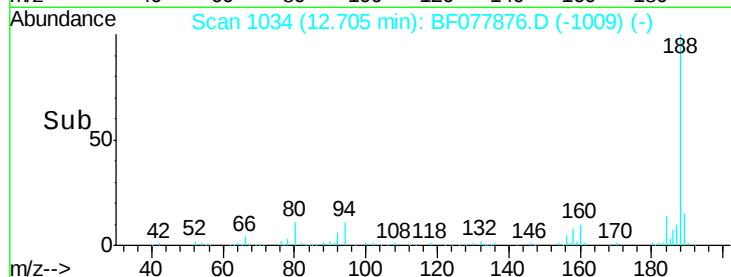
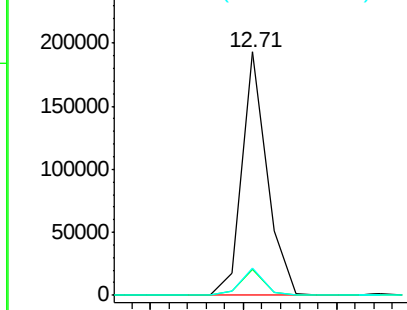
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF077876.D
Acq: 20 Mar 2015 21:22

Instrument :
BNA_F
ClientSampleId :
MW-24V

Tgt Ion:188 Resp: 180765
Ion Ratio Lower Upper
188 100
94 10.9 8.7 13.1
80 11.4 9.3 13.9

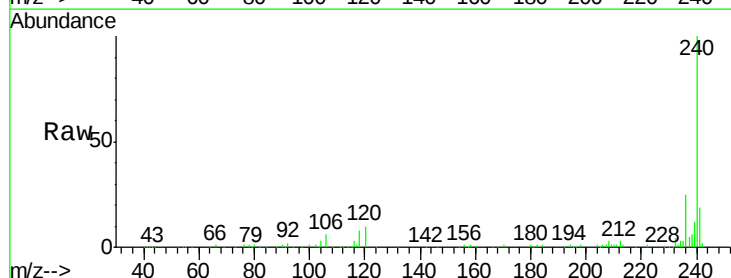


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

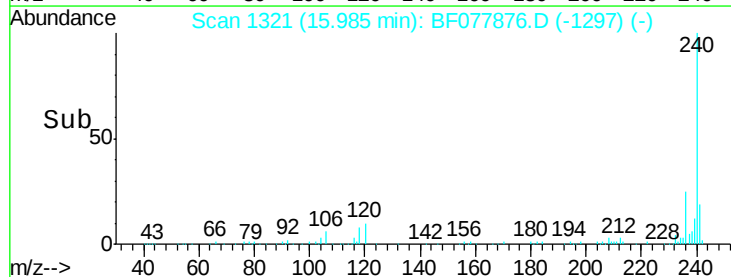
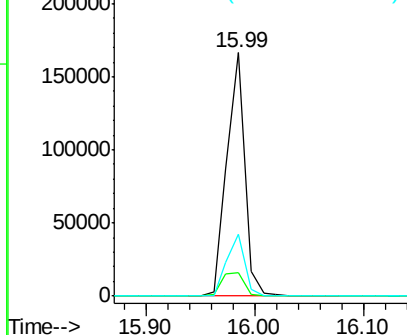


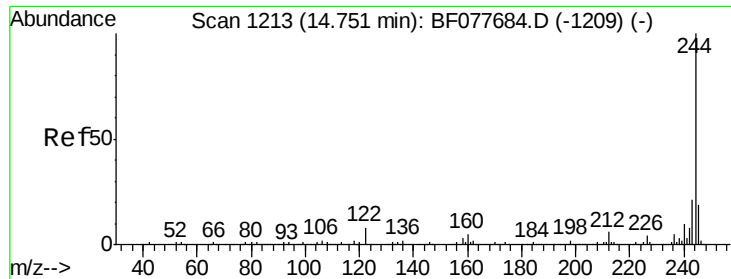
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077876.D
Acq: 20 Mar 2015 21:22

Tgt Ion:240 Resp: 190518
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 25.5 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

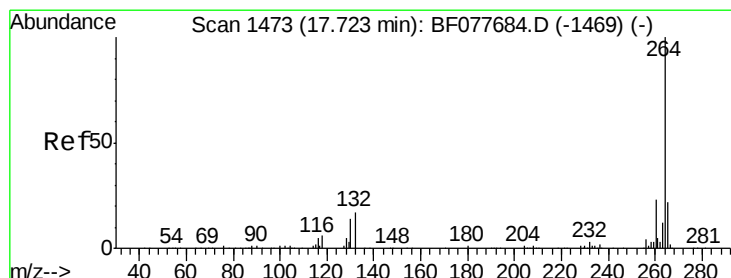
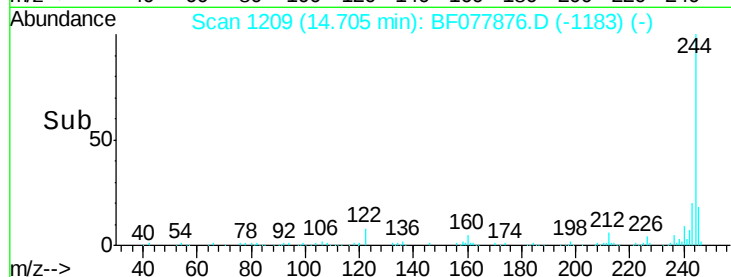
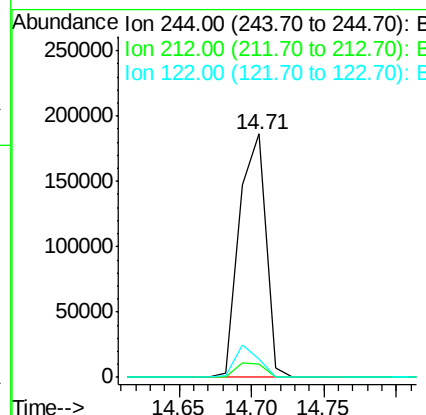
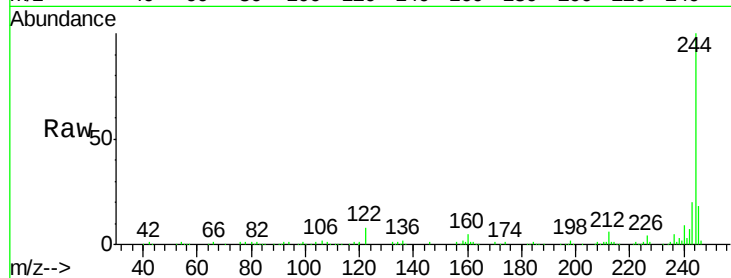




#78
 Terphenyl-d14
 Concen: 30.34 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF077876.D
 Acq: 20 Mar 2015 21:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-24V

Tgt Ion: 244 Resp: 236627
 Ion Ratio Lower Upper
 244 100
 212 5.6 4.9 7.3
 122 7.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.72 min Scan# 1473
 Delta R.T. -0.11 min
 Lab File: BF077876.D
 Acq: 20 Mar 2015 21:22

Tgt Ion: 264 Resp: 182867
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 21.3 17.3 25.9

