

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
 Data File : BF077878.D
 Acq On : 20 Mar 2015 22:20
 Operator : TP/IZ
 Sample : G1575-05
 Misc : W
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8S

Quant Time: Mar 20 23:09:39 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

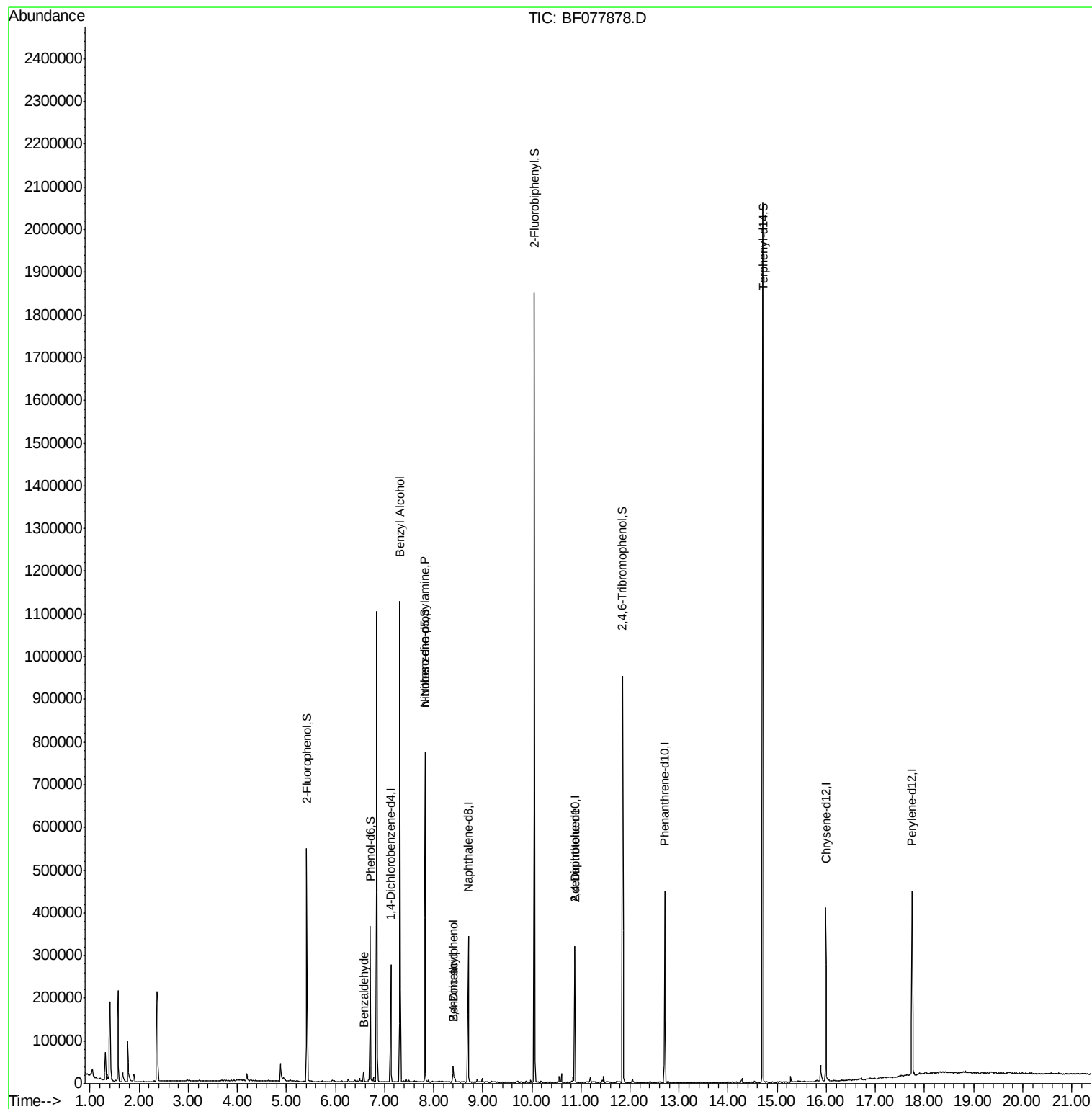
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	45559	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	180877	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	91559	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	180690	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	192667	20.00	ng	-0.02
86) Perylene-d12	17.75	264	183744	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	177140	67.87	ng	0.00
7) Phenol-d6	6.70	99	143102	44.38	ng	0.00
23) Nitrobenzene-d5	7.82	82	289672	104.98	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	122679	140.04	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	620595	99.61	ng	0.00
78) Terphenyl-d14	14.71	244	715983	90.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	7819	5.92	ng	Qvalue 98
15) Benzyl Alcohol	7.31	79	5513	2.19	ng	# 48
19) n-Nitroso-di-n-propylamine	7.82	70	36806	16.50	ng	# 76
27) 2,4-Dimethylphenol	8.40	122	11977	4.52	ng	# 6
32) Benzoic acid	8.40	122	11977	10.67	ng	97
56) 2,4-Dinitrotoluene	10.88	165	11685	6.37	ng	# 11

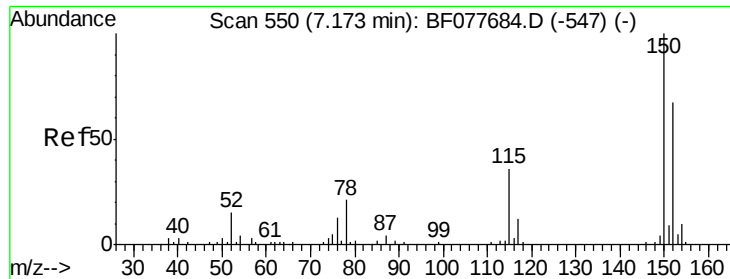
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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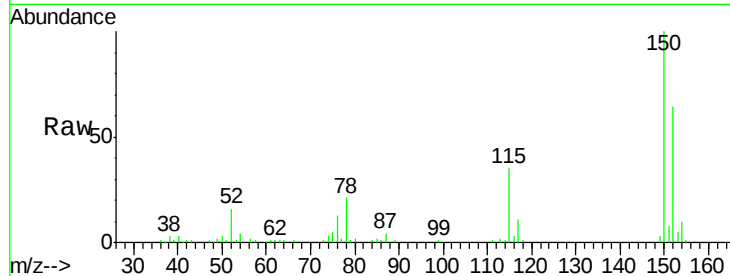


#1

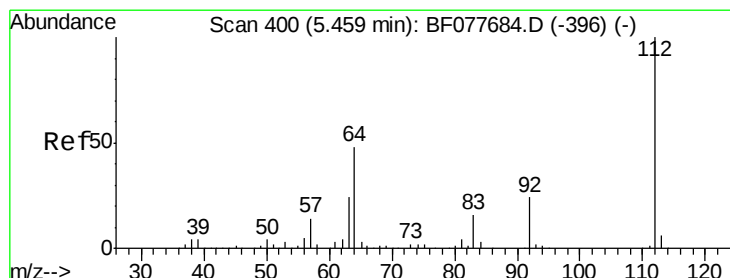
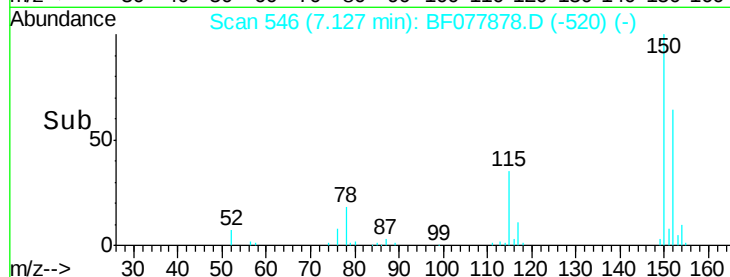
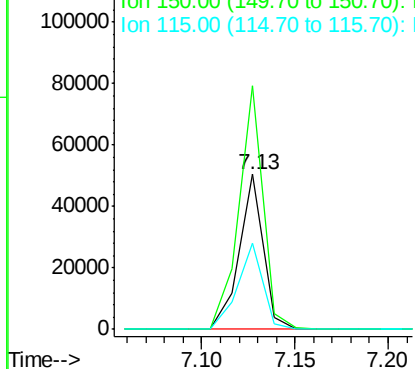
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Instrument :
BNA_F
ClientSampleId :
MW-8S

Tgt Ion:152 Resp: 45559
Ion Ratio Lower Upper
152 100
150 157.1 119.5 179.3
115 55.5 43.0 64.4



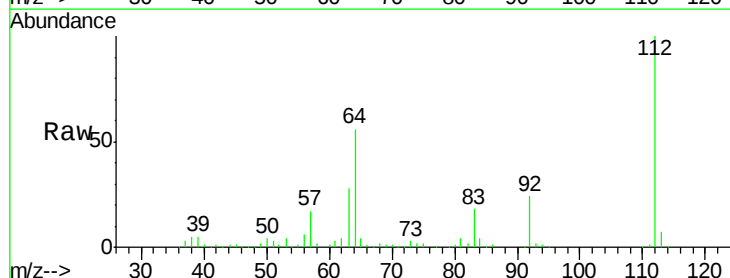
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



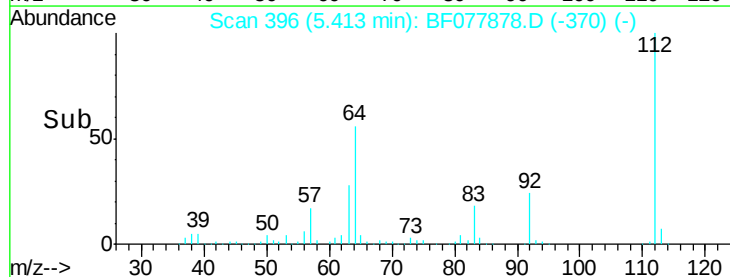
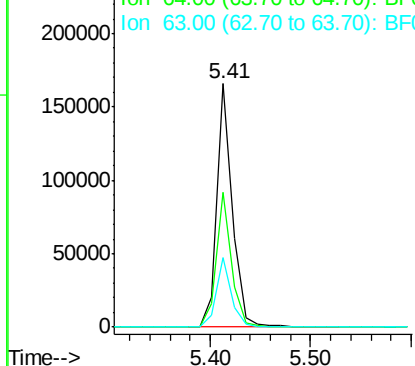
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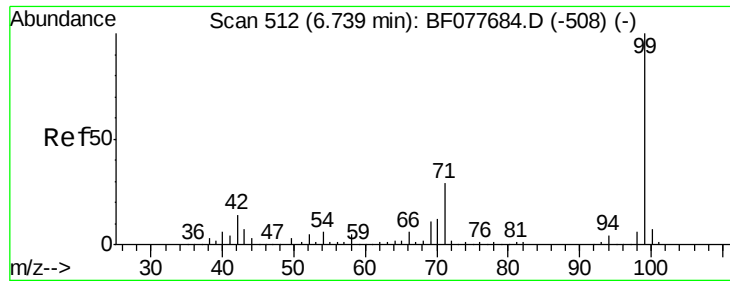
2-Fluorophenol
Concen: 67.87 ng
RT: 5.41 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Tgt Ion:112 Resp: 177140
Ion Ratio Lower Upper
112 100
64 55.6 38.6 57.8
63 28.3 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: 44.38 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077878.D

Acq: 20 Mar 2015 22:20

Instrument :

BNA_F

ClientSampleId :

MW-8S

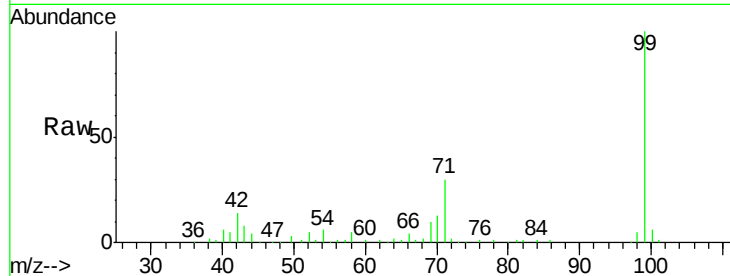
Tgt Ion: 99 Resp: 143102

Ion Ratio Lower Upper

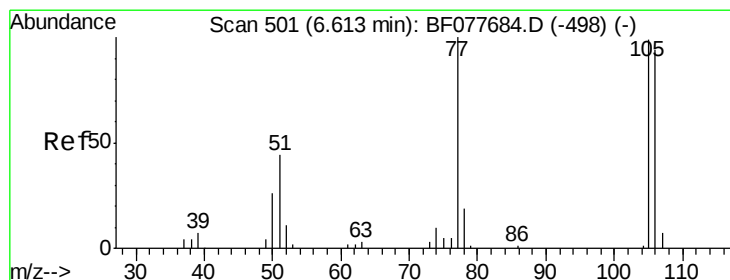
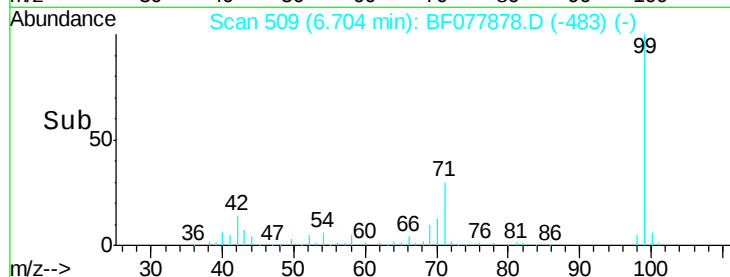
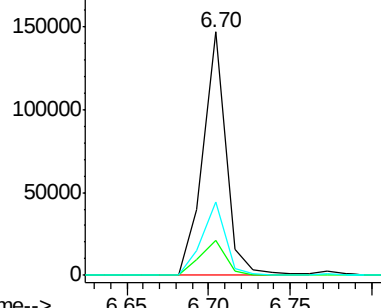
99 100

42 14.5 11.0 16.4

71 30.3 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: 5.92 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF077878.D

Acq: 20 Mar 2015 22:20

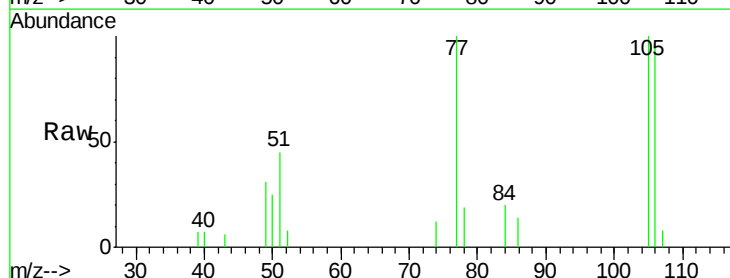
Tgt Ion: 77 Resp: 7819

Ion Ratio Lower Upper

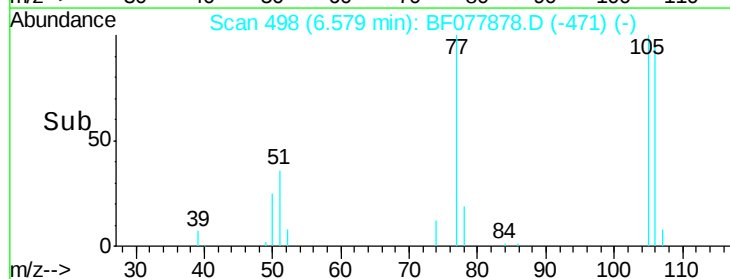
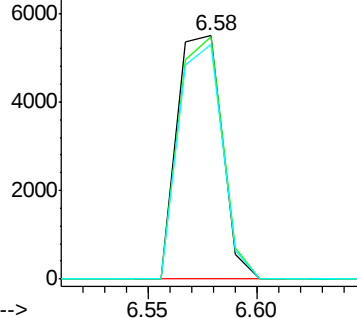
77 100

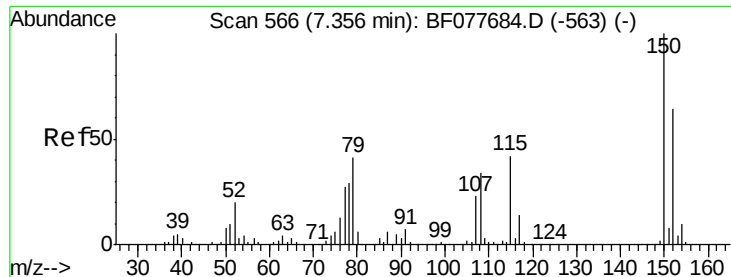
105 99.5 78.8 118.8

106 96.1 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

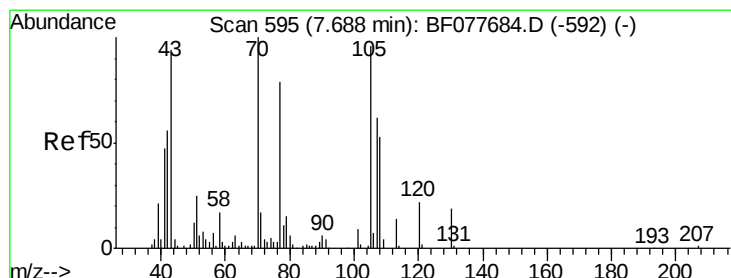
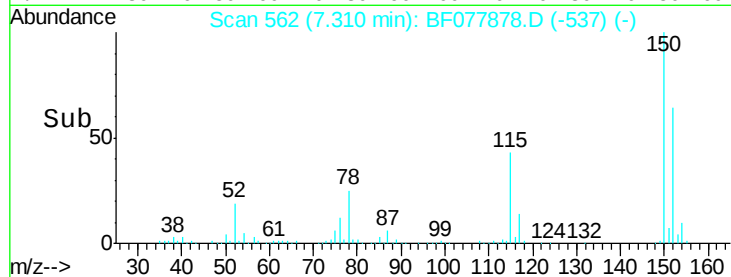
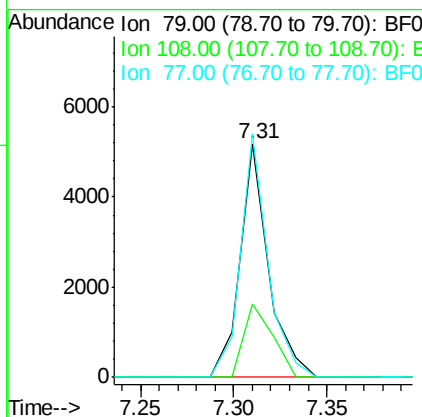
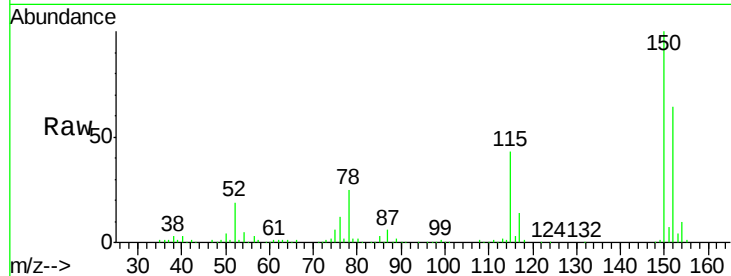




#15
Benzyl Alcohol
Concen: 2.19 ng
RT: 7.31 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

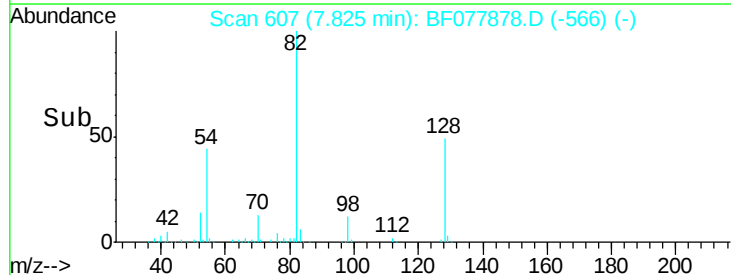
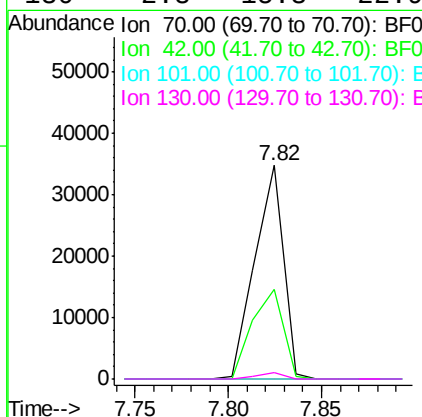
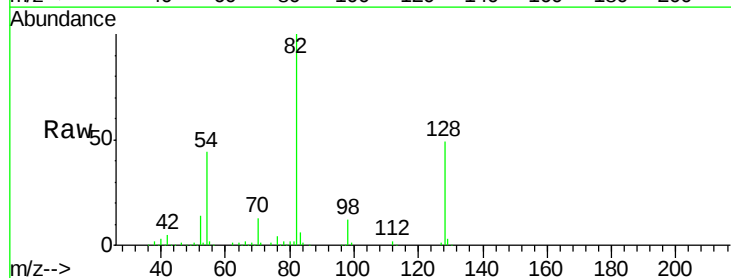
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BNA_F
ClientSampleId :
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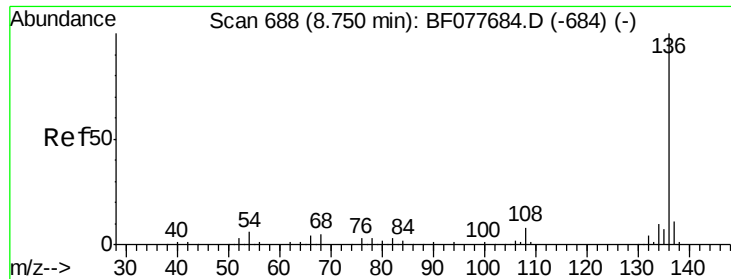
Tgt Ion: 79 Resp: 5513
Ion Ratio Lower Upper
79 100
108 31.6 65.0 97.4#
77 104.2 53.0 79.6#



#19
n-Nitroso-di-n-propylamine
Concen: 16.50 ng
RT: 7.82 min Scan# 607
Delta R.T. 0.17 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Tgt Ion: 70 Resp: 36806
Ion Ratio Lower Upper
70 100
42 41.7 44.5 66.7#
101 0.0 7.4 11.2#
130 2.8 15.3 22.9#

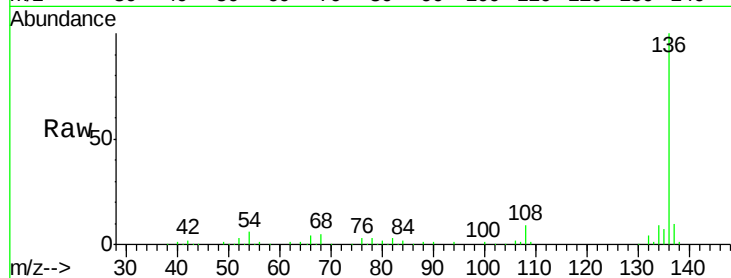




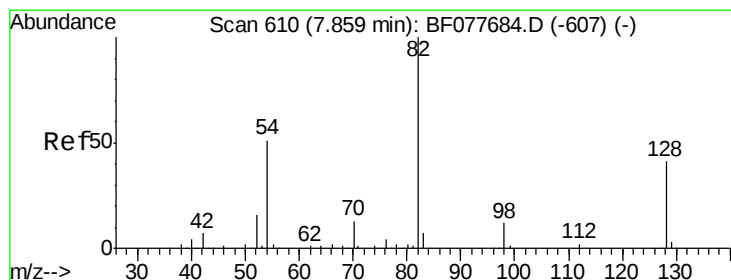
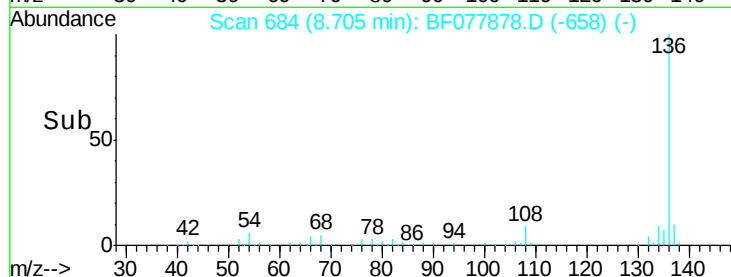
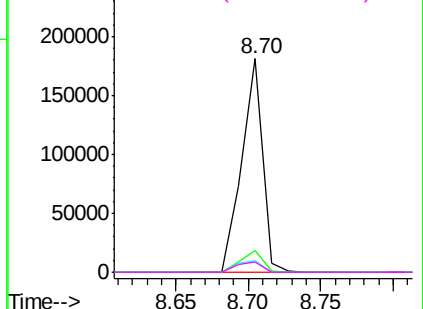
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Instrument :
BNA_F
ClientSampleId :
MW-8S

Tgt Ion:	136	Resp:	180877
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.7	4.6	6.8
68	4.9	3.7	5.5

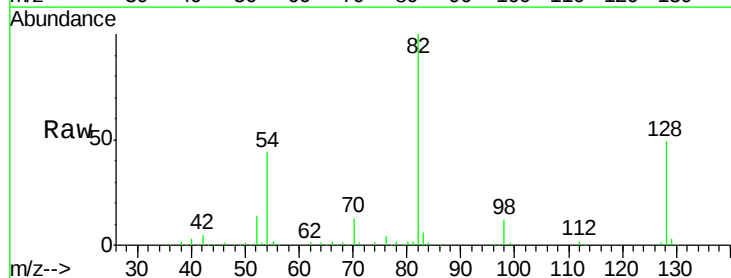


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

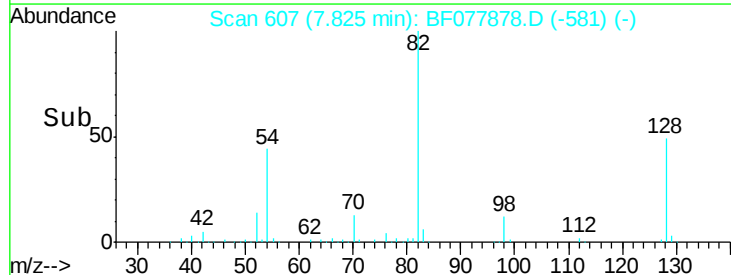
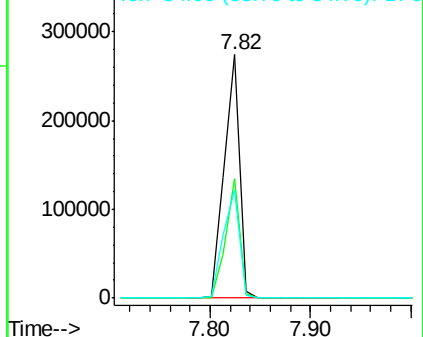


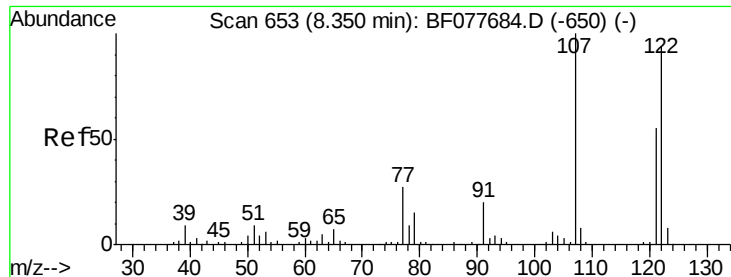
#23
Nitrobenzene-d5
Concen: 104.98 ng
RT: 7.82 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Tgt Ion:	82	Resp:	289672
Ion	Ratio	Lower	Upper
82	100		
128	49.3	32.8	49.2#
54	44.3	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

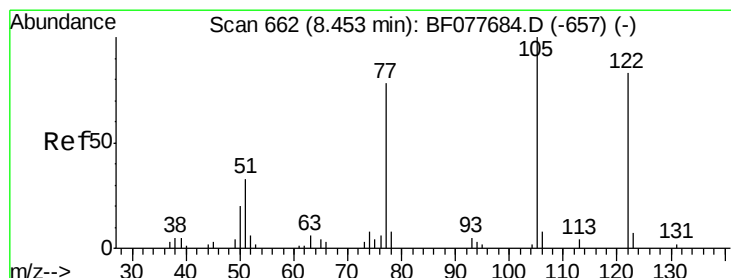
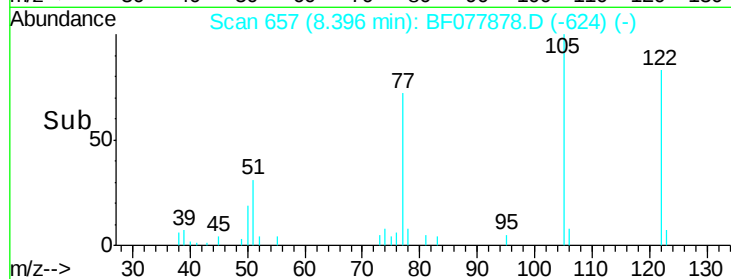
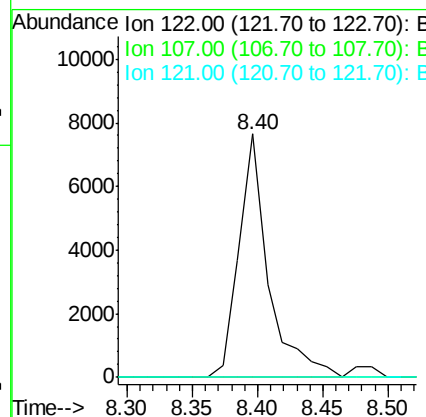
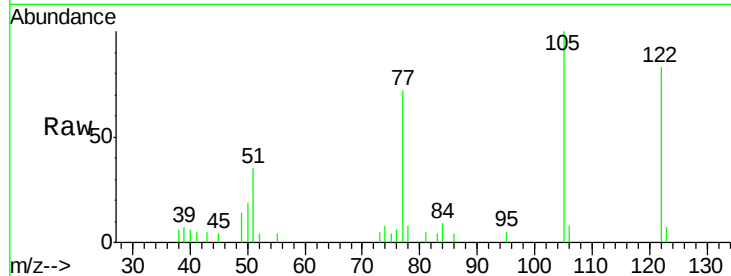




#27
2,4-Dimethylphenol
Concen: 4.52 ng
RT: 8.40 min Scan# 657
Delta R.T. 0.08 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

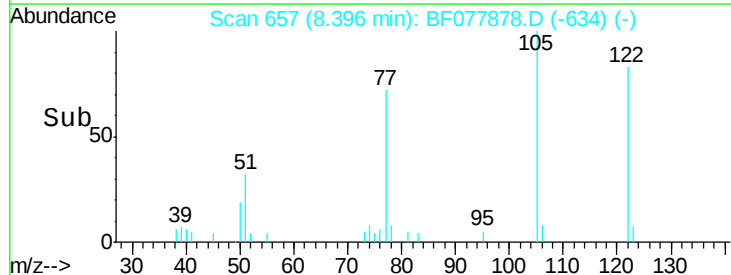
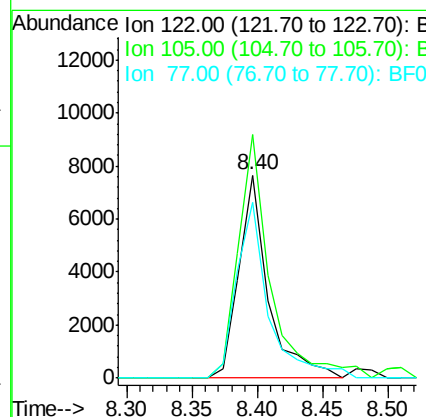
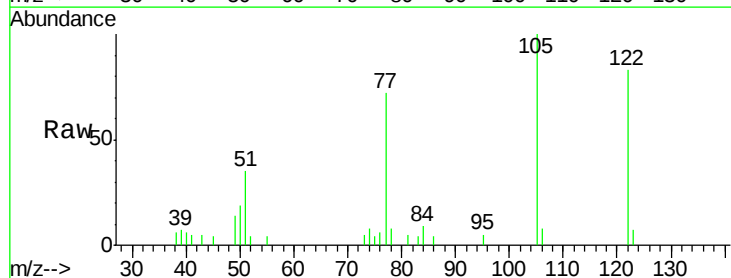
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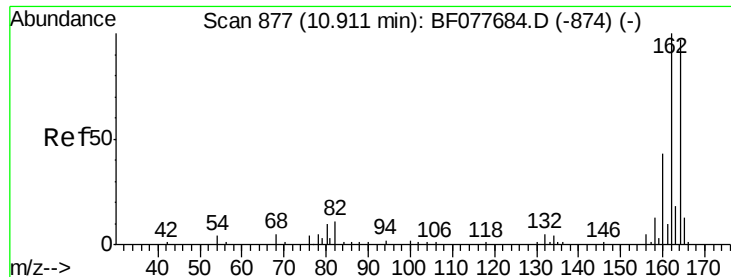
Tgt Ion:122 Resp: 11977
Ion Ratio Lower Upper
122 100
107 0.0 84.7 127.1#
121 0.0 46.6 69.8#



#32
Benzoic acid
Concen: 10.67 ng
RT: 8.40 min Scan# 657
Delta R.T. -0.03 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Tgt Ion:122 Resp: 11977
Ion Ratio Lower Upper
122 100
105 120.0 99.9 139.9
77 86.7 73.7 113.7

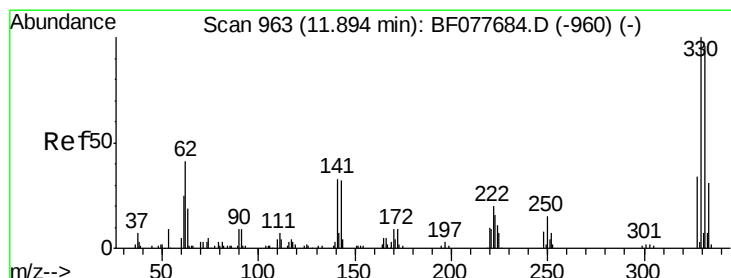
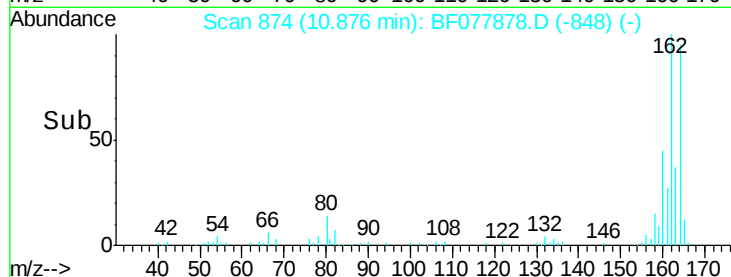
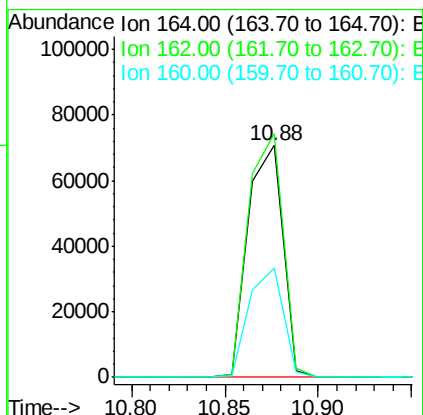
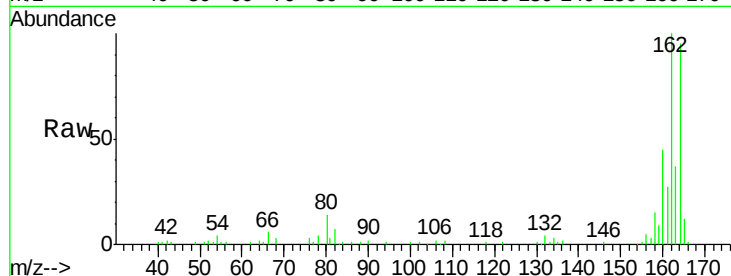




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF077878.D
 Acq: 20 Mar 2015 22:20

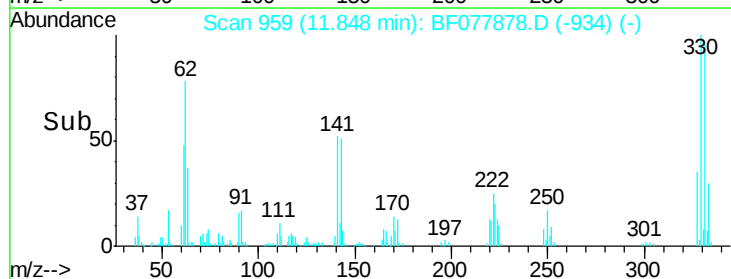
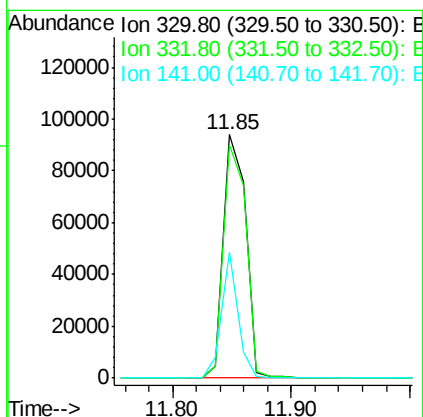
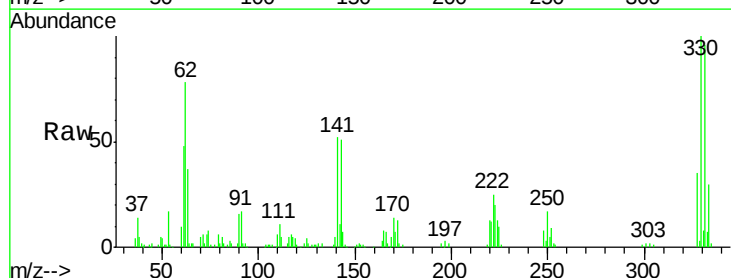
Instrument :
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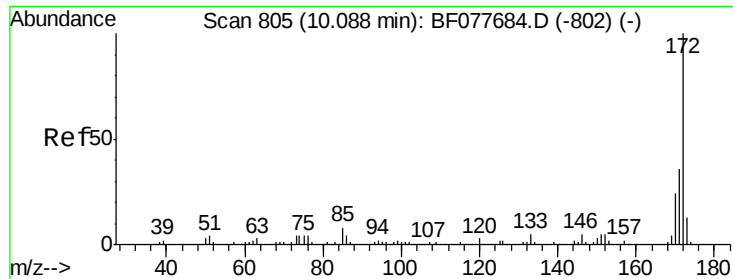
Tgt Ion:164 Resp: 91559
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.4 123.6
 160 47.2 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 140.04 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF077878.D
 Acq: 20 Mar 2015 22:20

Tgt Ion:330 Resp: 122679
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 37.7 0.0 0.0#

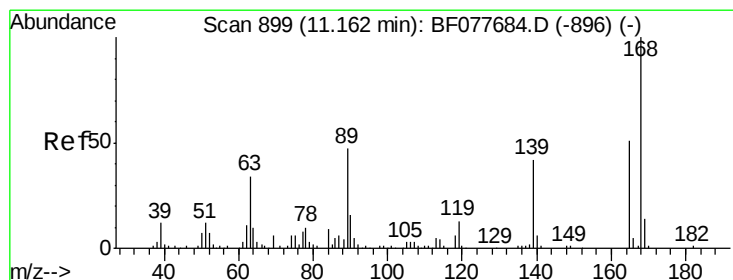
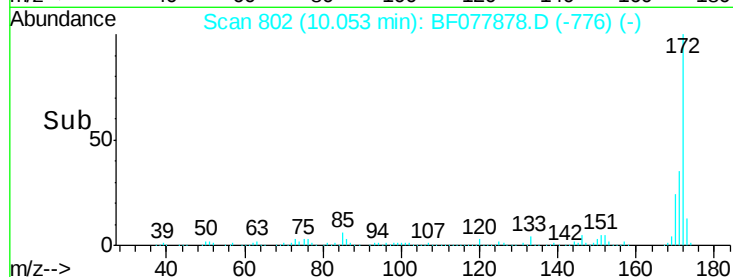
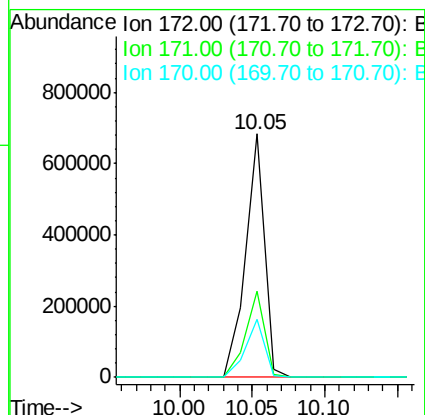
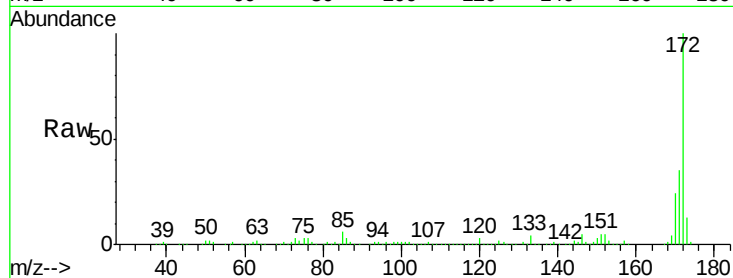




#44
2-Fluorobiphenyl
Concen: 99.61 ng
RT: 10.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

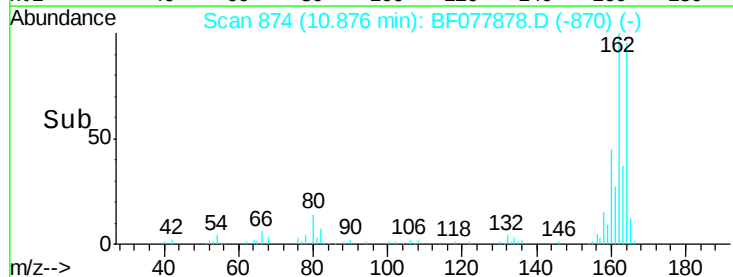
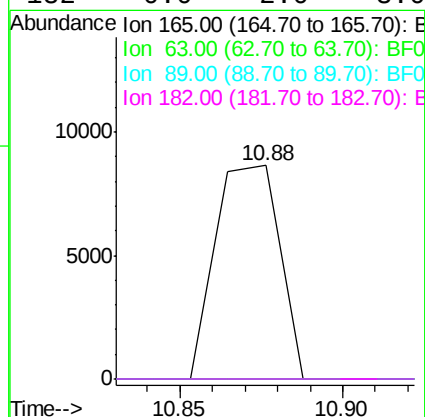
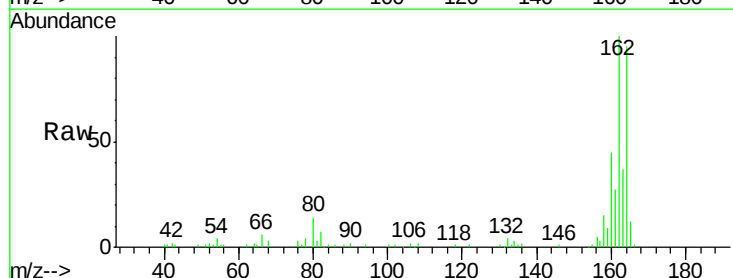
Instrument :
BNA_F
ClientSampled :
MW-8S

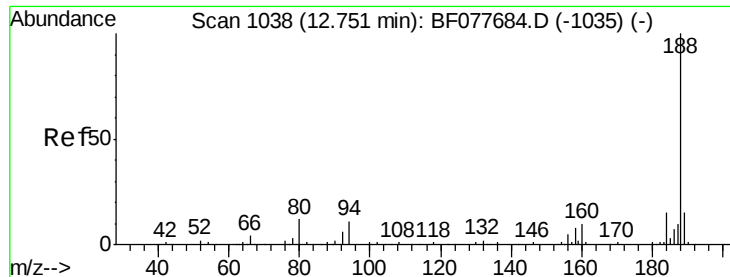
Tgt Ion:172 Resp: 620595
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.8 18.8 28.2



#56
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 10.88 min Scan# 874
Delta R.T. -0.25 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Tgt Ion:165 Resp: 11685
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#

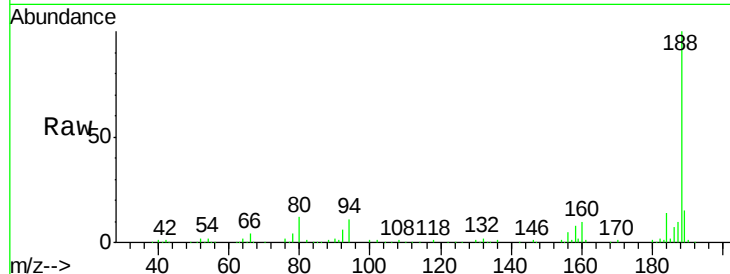




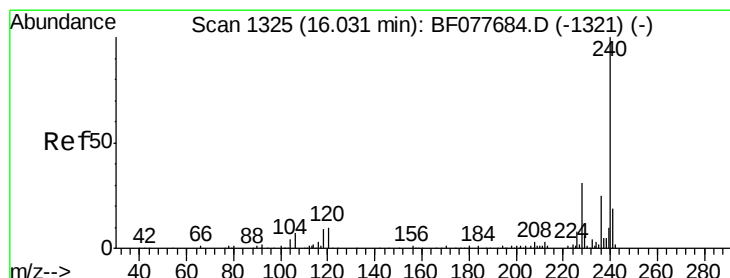
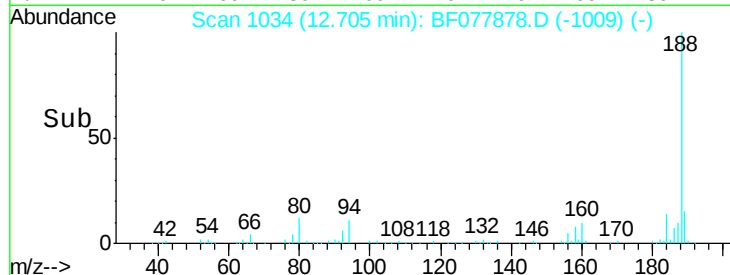
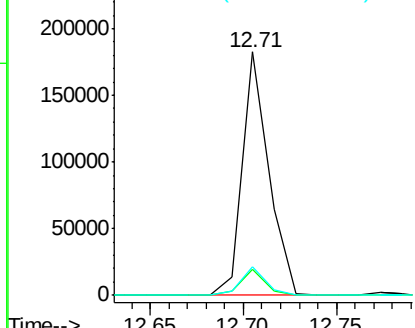
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Instrument :
BNA_F
ClientSampleId :
MW-8S

Tgt Ion:188 Resp: 180690
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 11.6 9.3 13.9

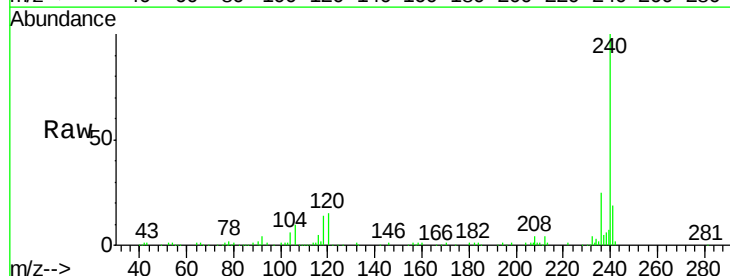


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

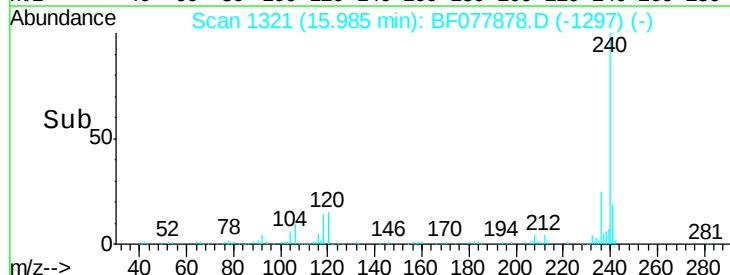
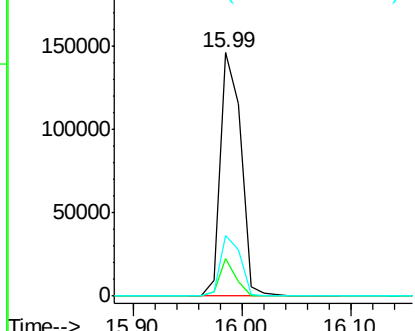


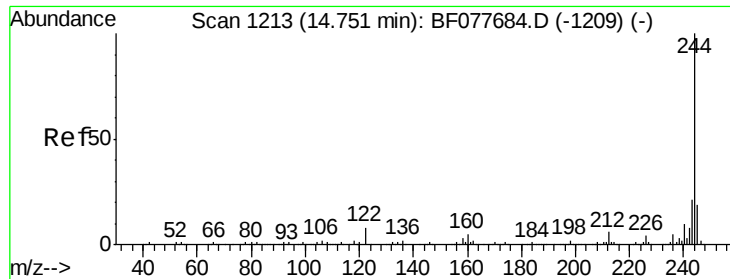
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077878.D
Acq: 20 Mar 2015 22:20

Tgt Ion:240 Resp: 192667
Ion Ratio Lower Upper
240 100
120 15.2 8.2 12.2#
236 24.6 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

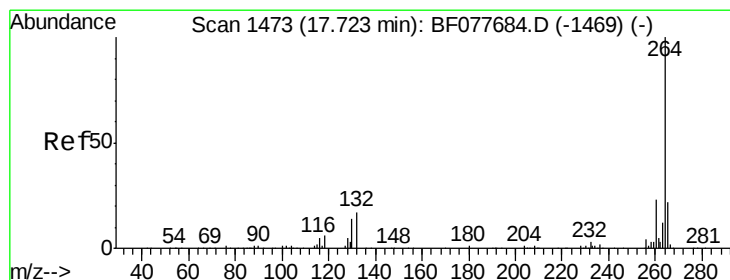
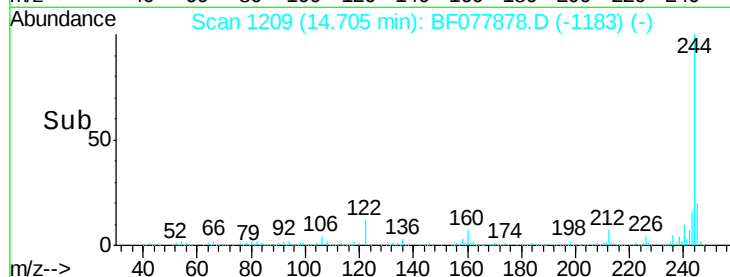
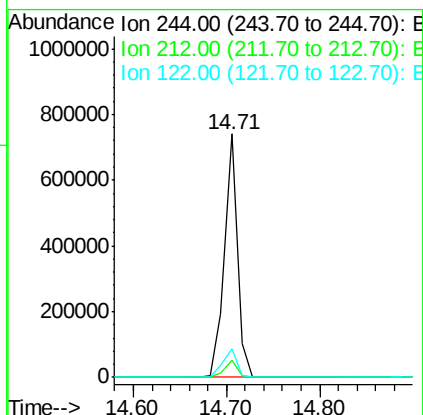
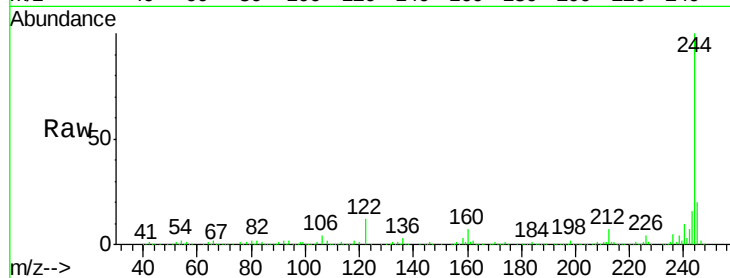




#78
 Terphenyl-d14
 Concen: 90.77 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF077878.D
 Acq: 20 Mar 2015 22:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-8S

Tgt Ion: 244 Resp: 715983
 Ion Ratio Lower Upper
 244 100
 212 6.8 4.9 7.3
 122 11.7 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.75 min Scan# 1475
 Delta R.T. -0.09 min
 Lab File: BF077878.D
 Acq: 20 Mar 2015 22:20

Tgt Ion: 264 Resp: 183744
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.6 17.3 25.9

