

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
 Data File : BF077893.D
 Acq On : 23 Mar 2015 14:36
 Operator : TP/IZ
 Sample : G1575-11RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24VRE

Quant Time: Mar 24 01:36:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 24 02:23:28 2015
 Response via : Initial Calibration

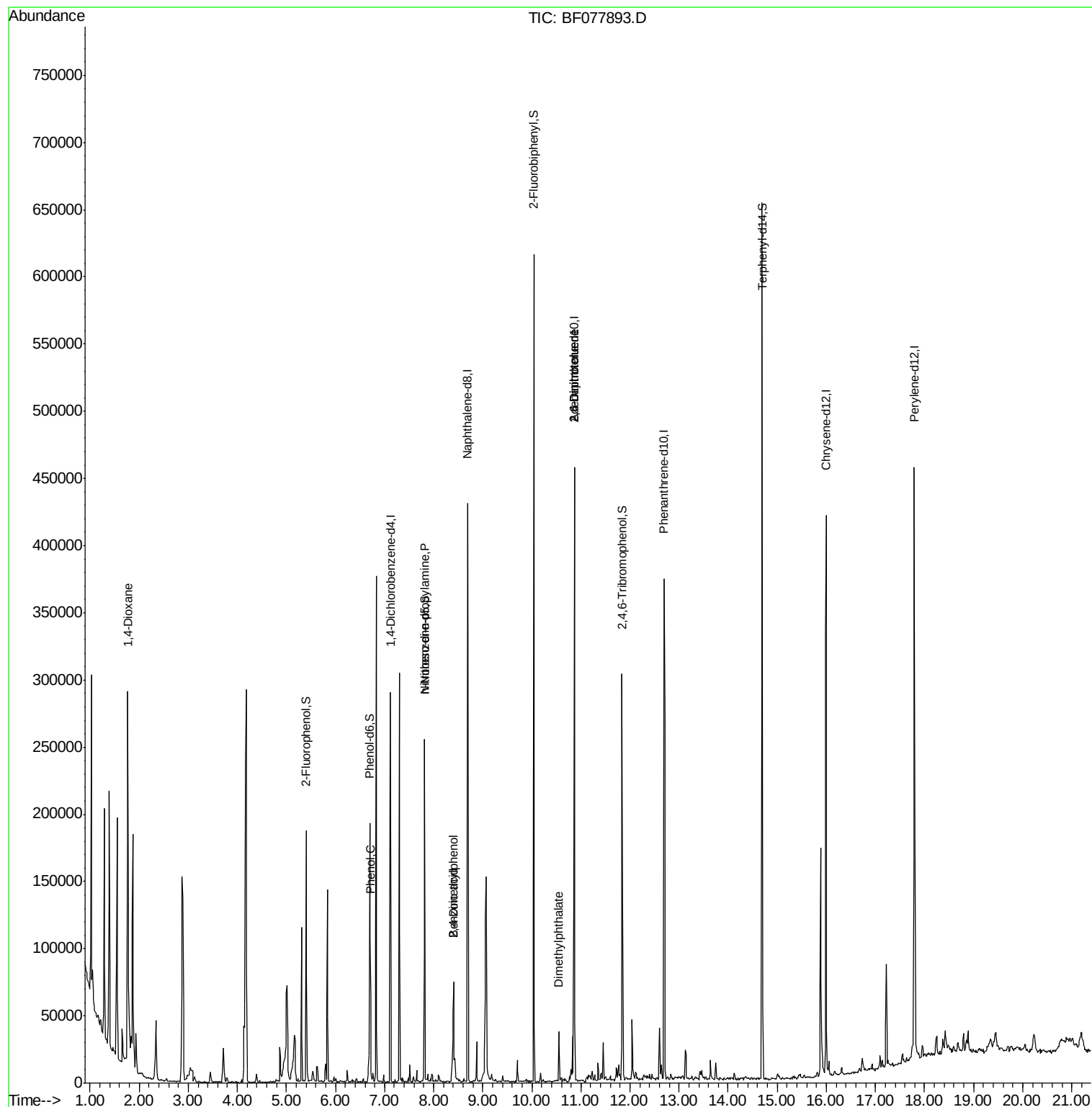
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	45705	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	187149	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	95243	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	186592	20.00	ng	-0.01
75) Chrysene-d12	16.00	240	214856	20.00	ng	-0.01
86) Perylene-d12	17.79	264	204375	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	62356	23.81	ng	0.00
7) Phenol-d6	6.69	99	64348	19.89	ng	0.00
23) Nitrobenzene-d5	7.81	82	87985	30.82	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	36340	39.88	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	187752	28.97	ng	0.00
78) Terphenyl-d14	14.69	244	249898	28.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	14231	11.97	ng	Qvalue # 100
10) Phenol	6.70	94	36508	9.55	ng	79
19) n-Nitroso-di-n-propylamine	7.81	70	10901	4.87	ng	# 80
27) 2,4-Dimethylphenol	8.41	122	27512	10.03	ng	# 6
32) Benzoic acid	8.41	122	27512	19.91	ng	97
49) Dimethylphthalate	10.54	163	21201	3.00	ng	# 95
50) 2,6-Dinitrotoluene	10.86	165	12317	8.41	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	12318	6.45	ng	# 11

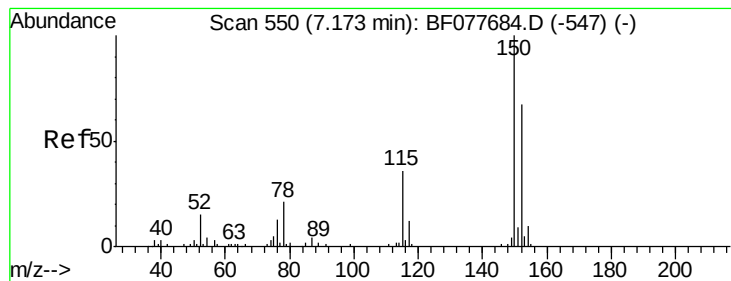
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
Data File : BF077893.D
Acq On : 23 Mar 2015 14:36
Operator : TP/IZ
Sample : G1575-11RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-24VRE

Quant Time: Mar 24 01:36:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 24 02:23:28 2015
Response via : Initial Calibration

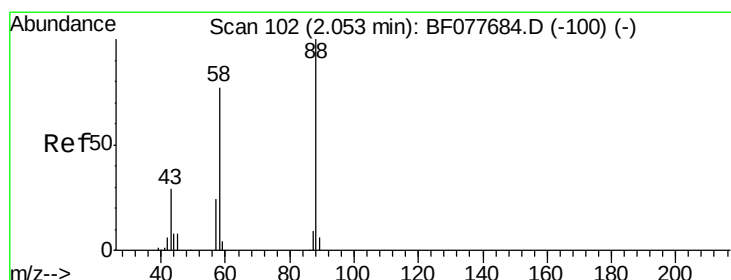
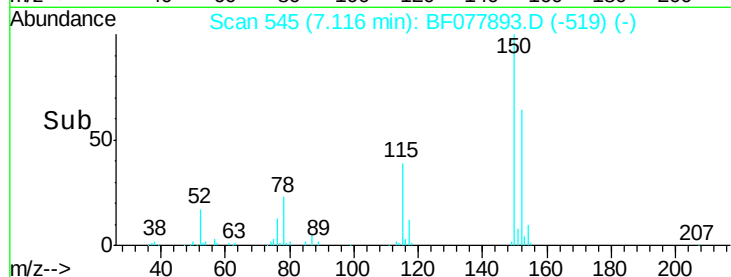
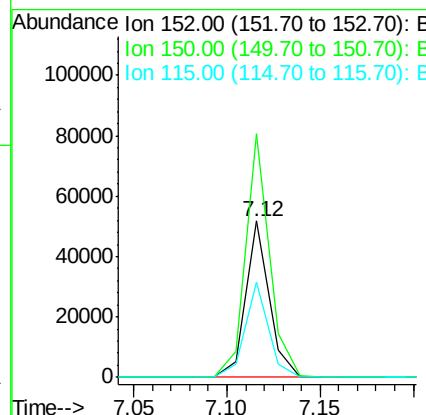
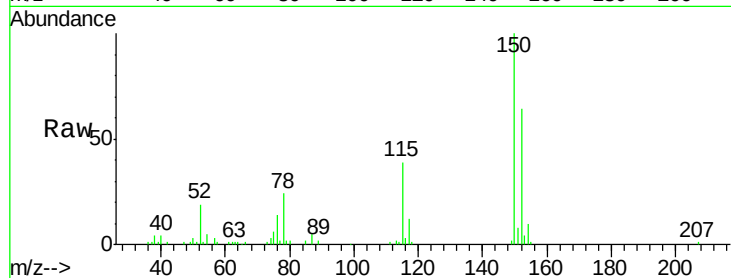




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.12 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF077893.D
 Acq: 23 Mar 2015 14:36

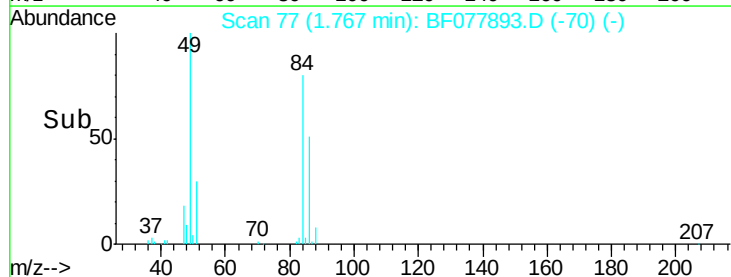
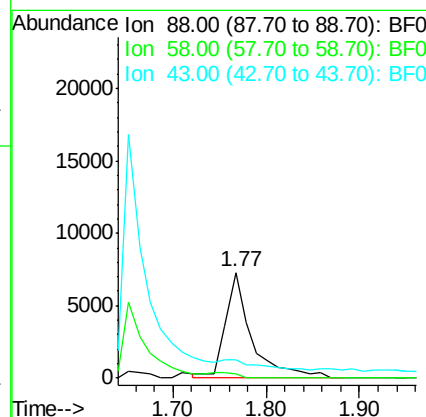
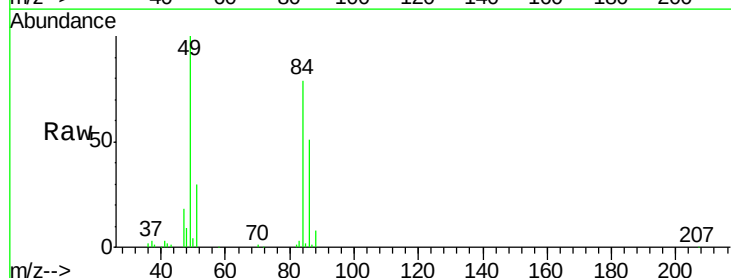
Instrument :
 BNA_F
 ClientSampleId :
 MW-24VRE

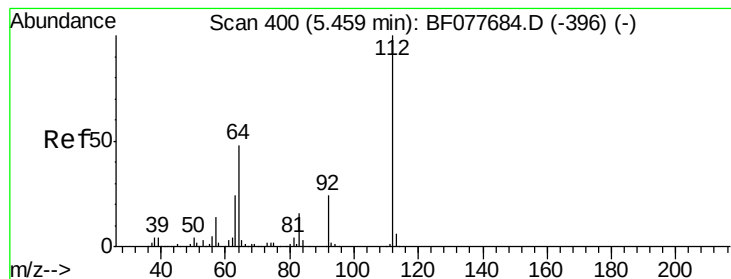
Tgt Ion:152 Resp: 45705
 Ion Ratio Lower Upper
 152 100
 150 155.5 119.5 179.3
 115 60.4 43.0 64.4



#2
 1,4-Dioxane
 Concen: 11.97 ng
 RT: 1.77 min Scan# 77
 Delta R.T. -0.22 min
 Lab File: BF077893.D
 Acq: 23 Mar 2015 14:36

Tgt Ion: 88 Resp: 14231
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0





#5

2-Fluorophenol

Concen: 23.81 ng

RT: 5.40 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF077893.D

Acq: 23 Mar 2015 14:36

Instrument :

BNA_F

ClientSampleId :

MW-24VRE

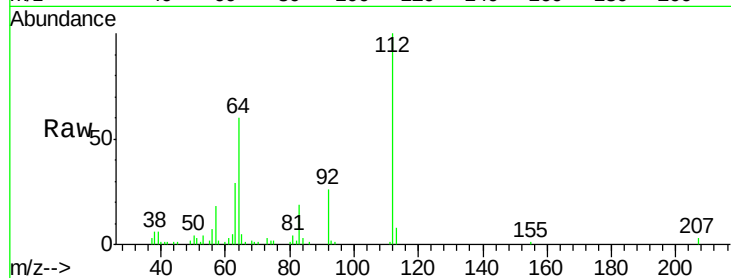
Tgt Ion: 112 Resp: 62356

Ion Ratio Lower Upper

112 100

64 59.7 38.6 57.8#

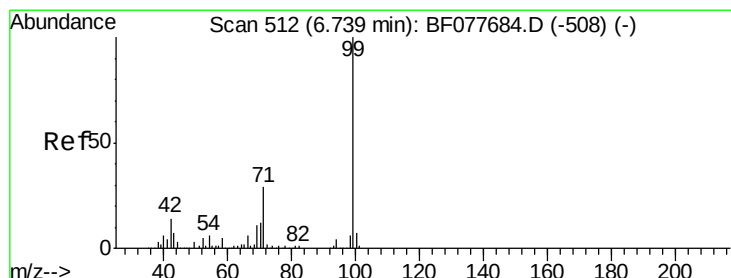
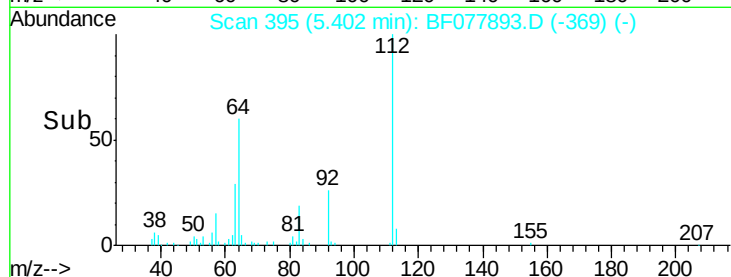
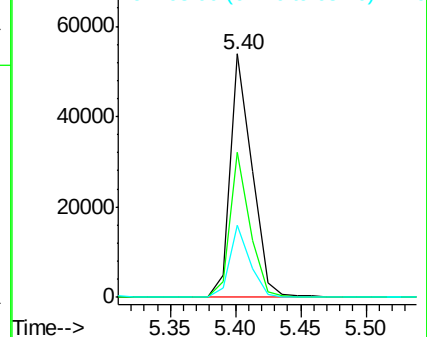
63 29.4 19.3 28.9#



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: 19.89 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077893.D

Acq: 23 Mar 2015 14:36

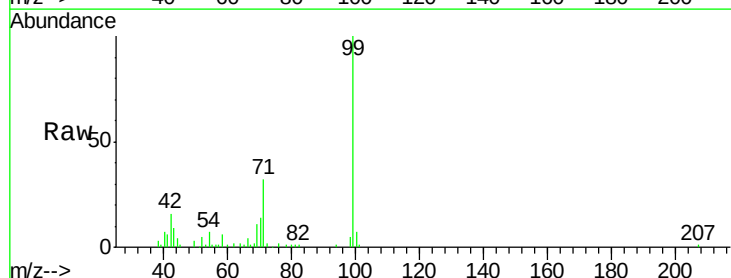
Tgt Ion: 99 Resp: 64348

Ion Ratio Lower Upper

99 100

42 16.4 11.0 16.4

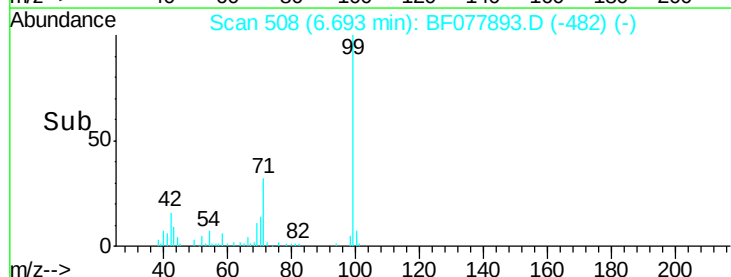
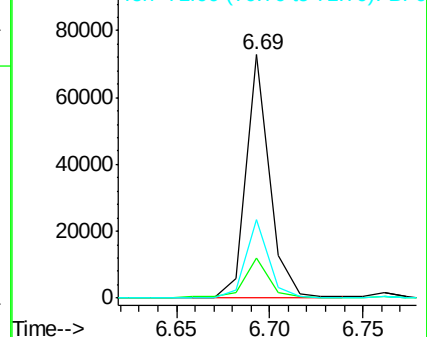
71 32.0 23.4 35.2

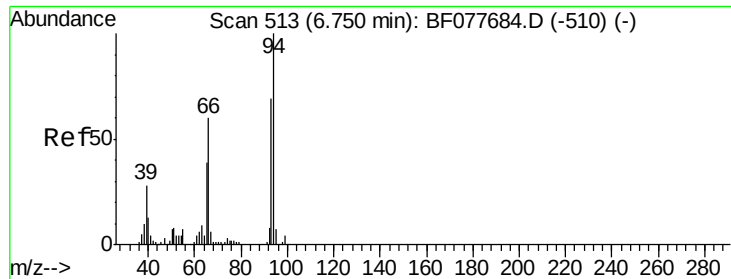


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 9.55 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF077893.D

Acq: 23 Mar 2015 14:36

Instrument :

BNA_F

ClientSampleId :

MW-24VRE

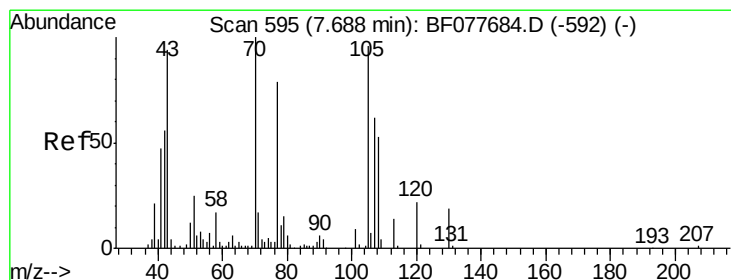
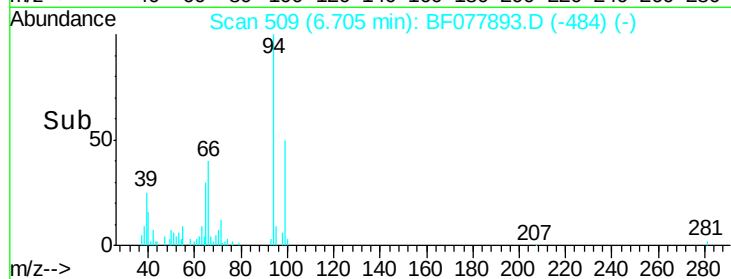
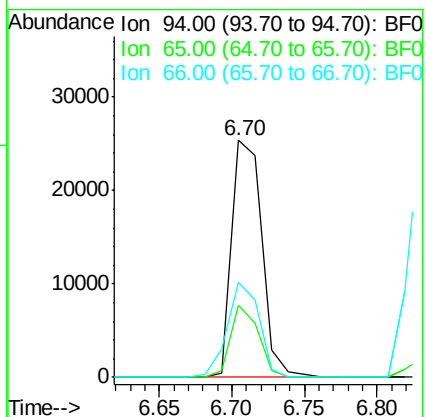
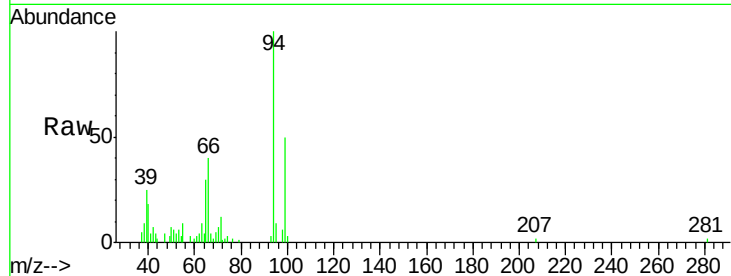
Tgt Ion: 94 Resp: 36508

Ion Ratio Lower Upper

94 100

65 30.5 18.8 58.8

66 40.0 39.9 79.9



#19

n-Nitroso-di-n-propylamine

Concen: 4.87 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077893.D

Acq: 23 Mar 2015 14:36

Tgt Ion: 70 Resp: 10901

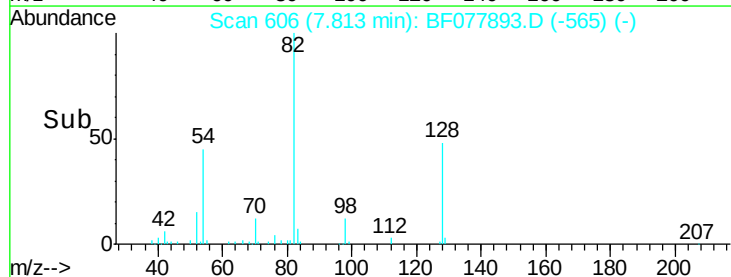
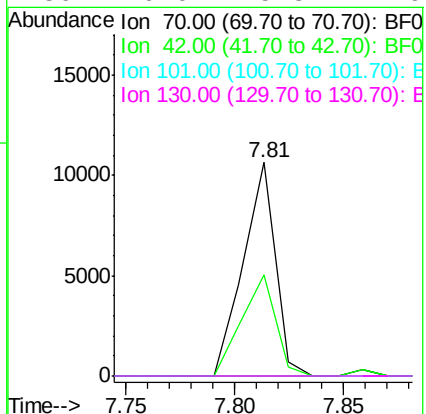
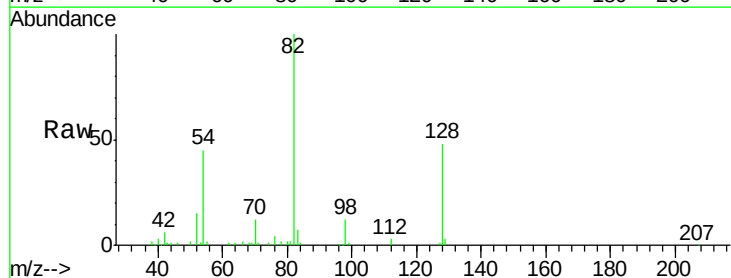
Ion Ratio Lower Upper

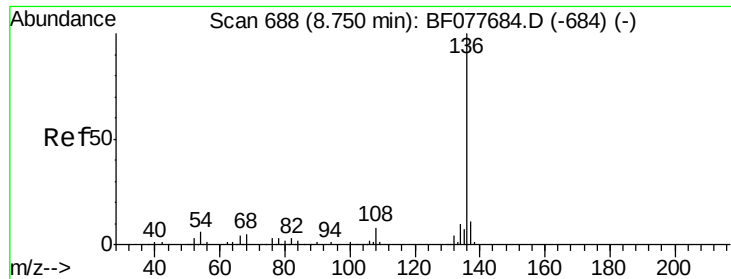
70 100

42 47.2 44.5 66.7

101 0.0 7.4 11.2#

130 0.0 15.3 22.9#

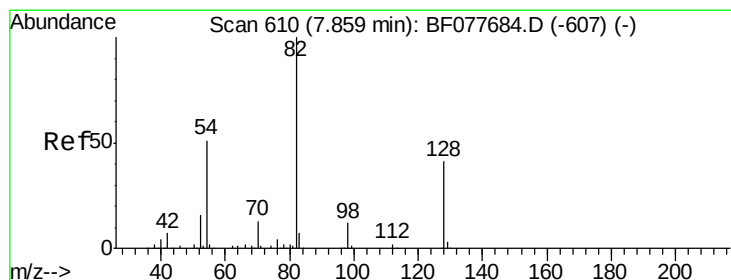
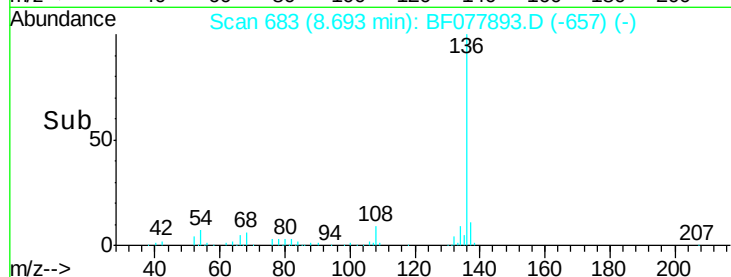
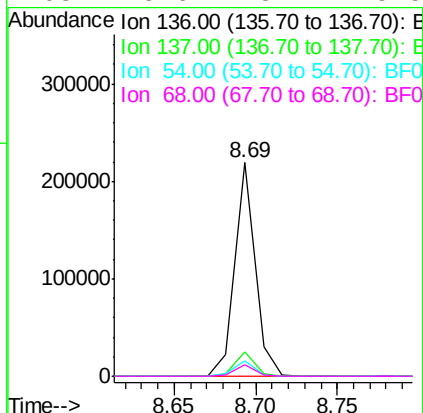
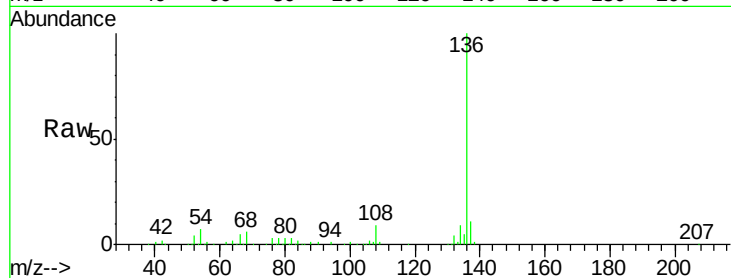




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077893.D
Acq: 23 Mar 2015 14:36

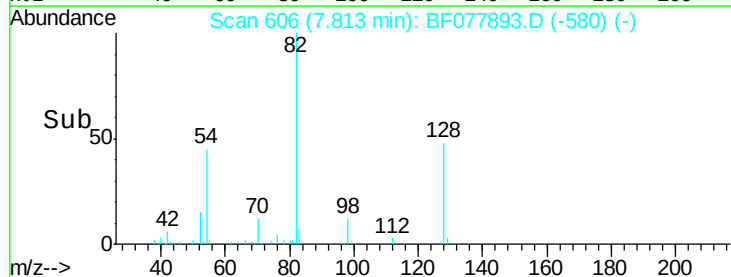
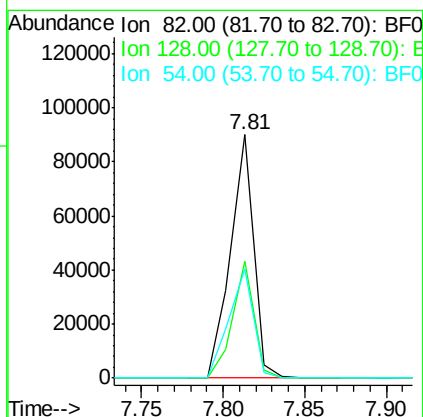
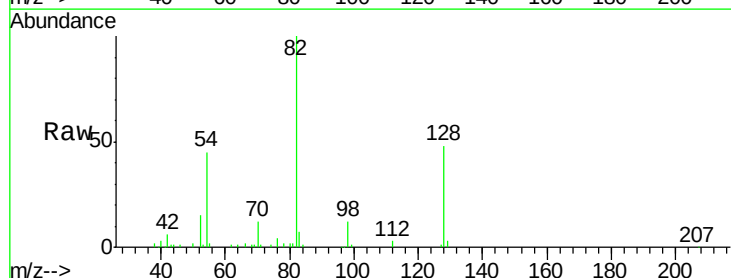
Instrument :
BNA_F
ClientSampleId :
MW-24VRE

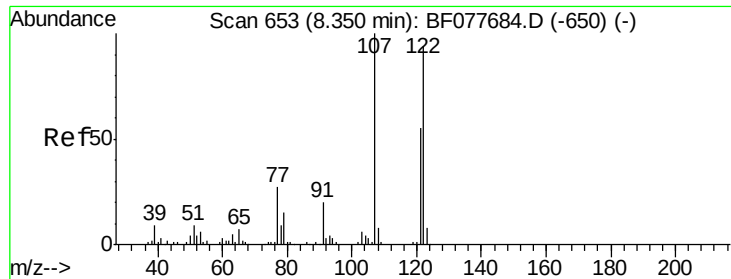
Tgt Ion:	136	Resp:	187149
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.3	4.6	6.8#
68	5.6	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 30.82 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF077893.D
Acq: 23 Mar 2015 14:36

Tgt Ion:	82	Resp:	87985
Ion	Ratio	Lower	Upper
82	100		
128	48.2	32.8	49.2
54	44.9	40.6	60.8

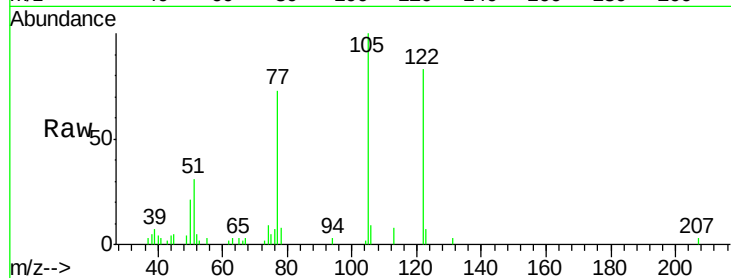




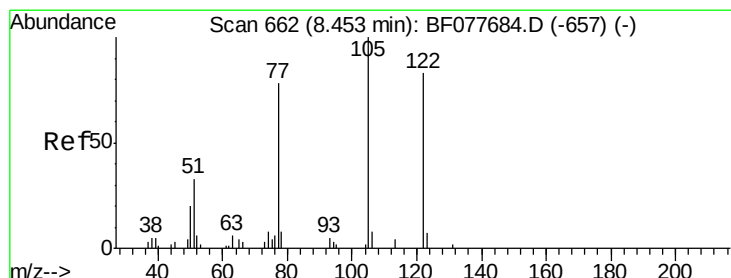
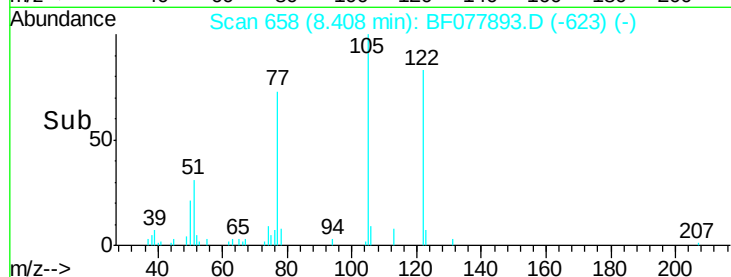
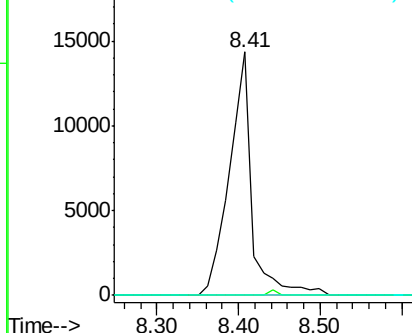
#27
2,4-Dimethylphenol
Concen: 10.03 ng
RT: 8.41 min Scan# 658
Delta R.T. 0.10 min
Lab File: BF077893.D
Acq: 23 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
MW-24VRE

Tgt Ion:122 Resp: 27512
Ion Ratio Lower Upper
122 100
107 0.0 84.7 127.1#
121 0.0 46.6 69.8#

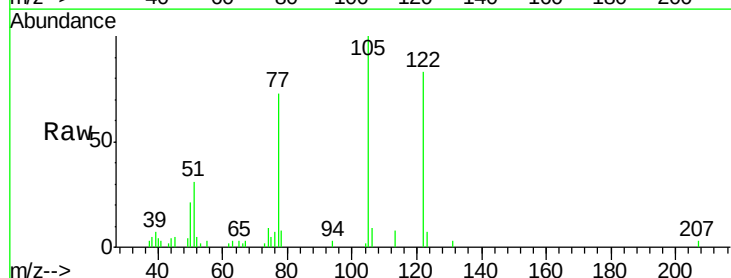


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

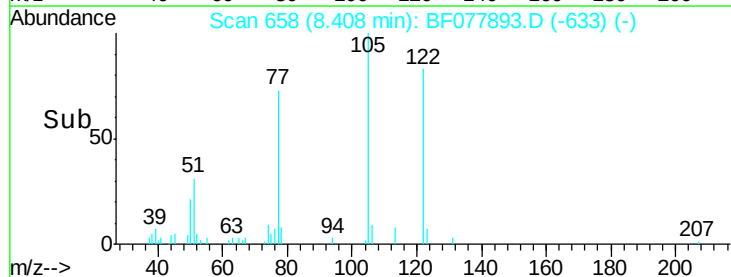
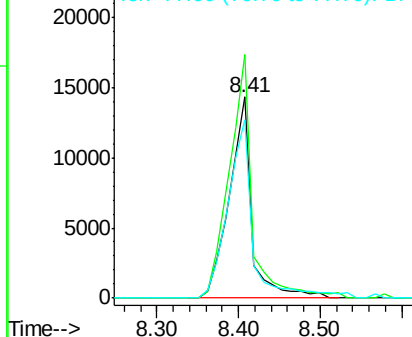


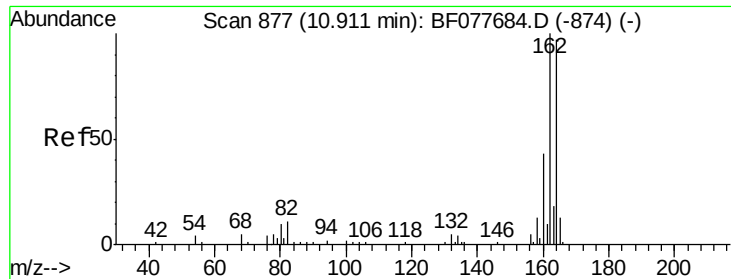
#32
Benzoic acid
Concen: 19.91 ng
RT: 8.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF077893.D
Acq: 23 Mar 2015 14:36

Tgt Ion:122 Resp: 27512
Ion Ratio Lower Upper
122 100
105 121.0 99.9 139.9
77 88.4 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. 0.00 min

Lab File: BF077893.D

Acq: 23 Mar 2015 14:36

Instrument :

BNA_F

ClientSampleId :

MW-24VRE

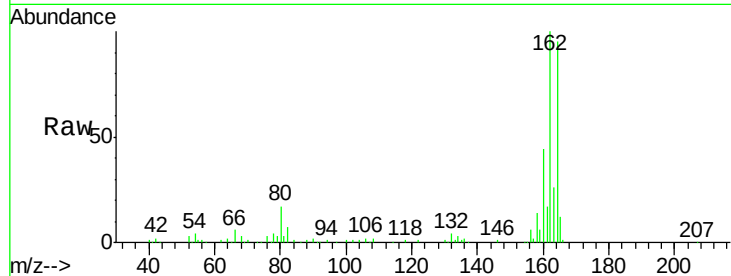
Tgt Ion:164 Resp: 95243

Ion Ratio Lower Upper

164 100

162 105.0 82.4 123.6

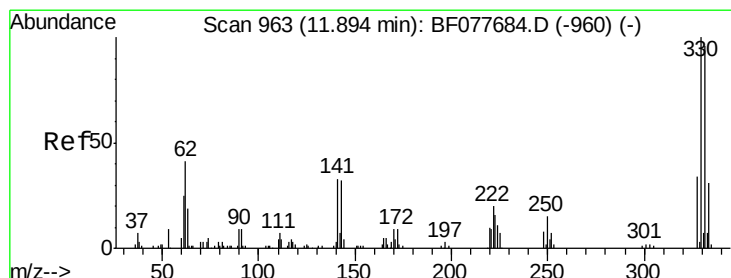
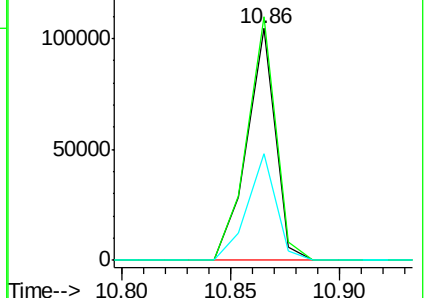
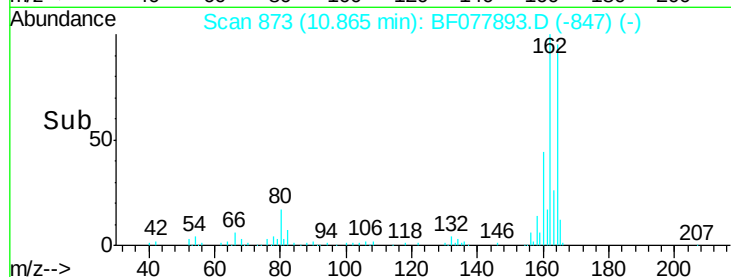
160 46.0 35.8 53.6



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: 39.88 ng

RT: 11.84 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF077893.D

Acq: 23 Mar 2015 14:36

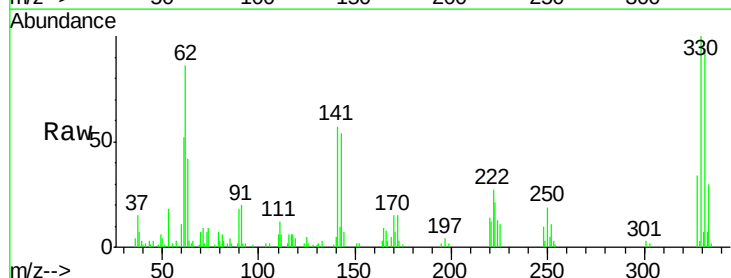
Tgt Ion:330 Resp: 36340

Ion Ratio Lower Upper

330 100

332 97.8 0.0 0.0#

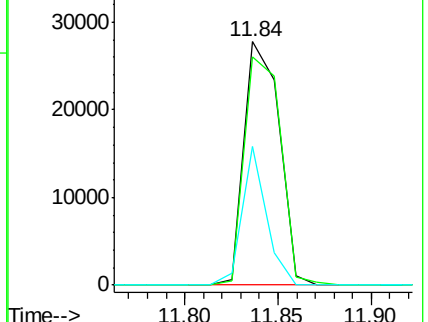
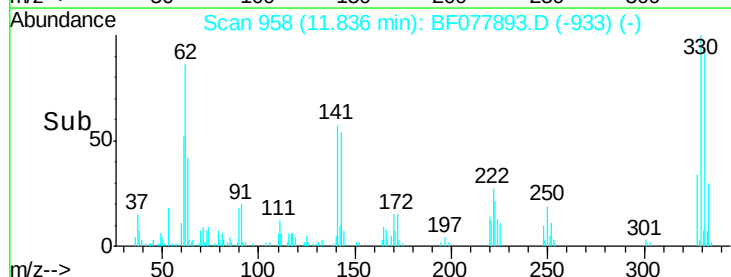
141 39.3 0.0 0.0#

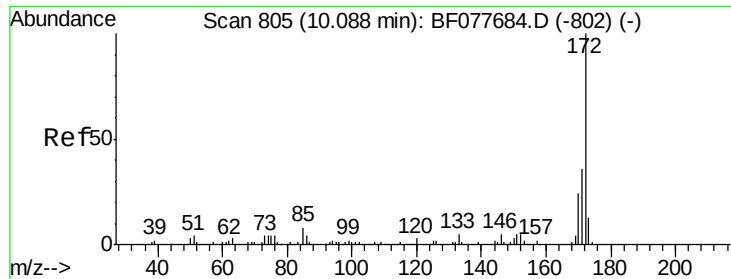


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

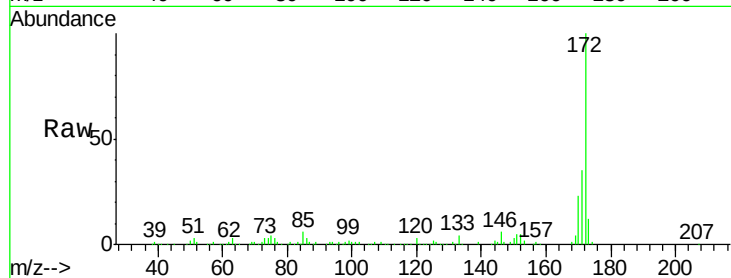




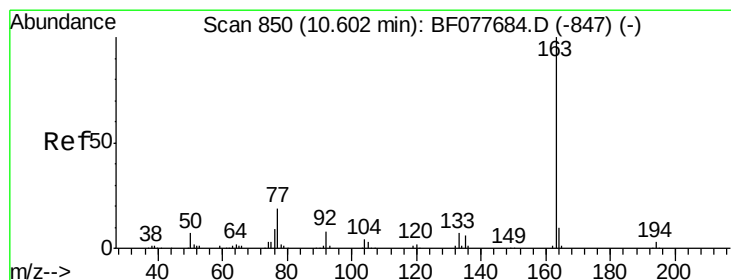
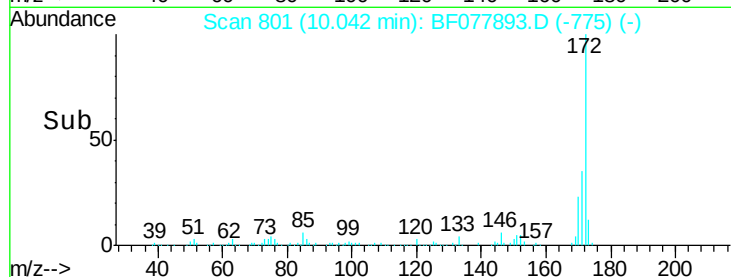
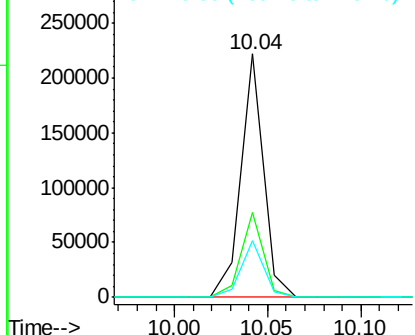
#44
 2-Fluorobiphenyl
 Concen: 28.97 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077893.D
 Acq: 23 Mar 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-24VRE

Tgt Ion:172 Resp: 187752
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.2 18.8 28.2

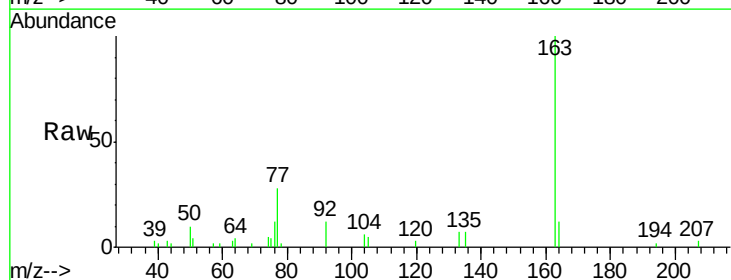


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

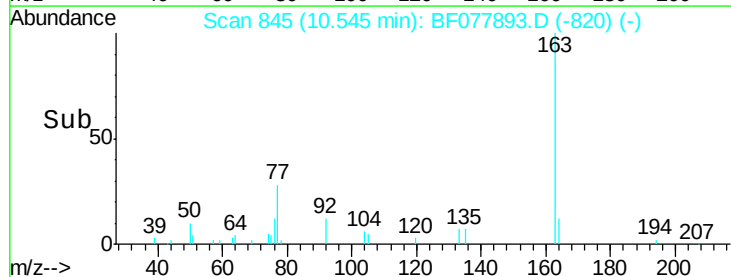
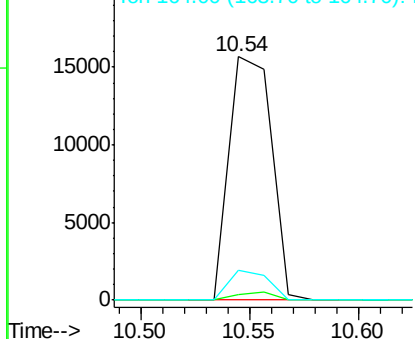


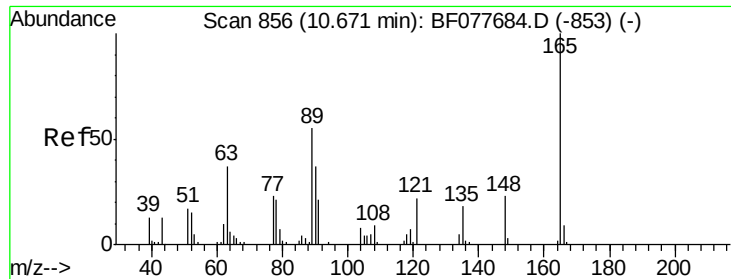
#49
 Dimethylphthalate
 Concen: 3.00 ng
 RT: 10.54 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF077893.D
 Acq: 23 Mar 2015 14:36

Tgt Ion:163 Resp: 21201
 Ion Ratio Lower Upper
 163 100
 194 2.4 2.7 4.1#
 164 12.3 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





#50

2,6-Dinitrotoluene

Concen: 8.41 ng

RT: 10.86 min Scan# 873

Delta R.T. 0.24 min

Lab File: BF077893.D

Acq: 23 Mar 2015 14:36

Instrument :

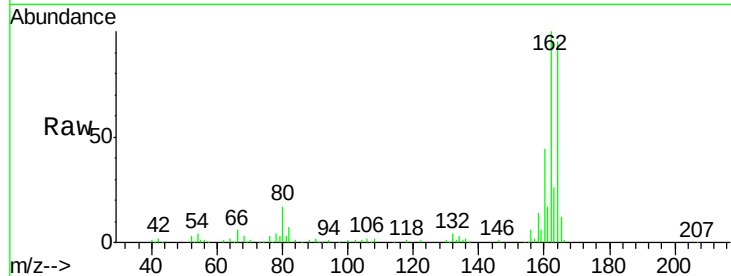
BNA_F

ClientSampleId :

MW-24VRE

Tgt Ion:165 Resp: 12317

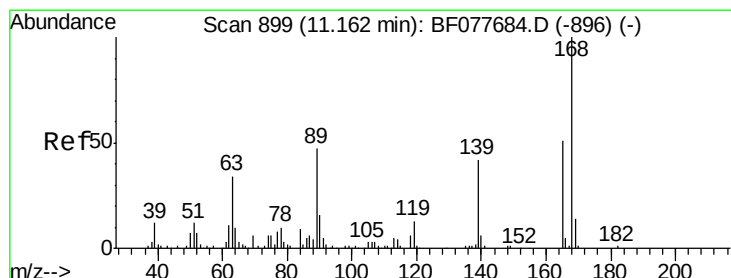
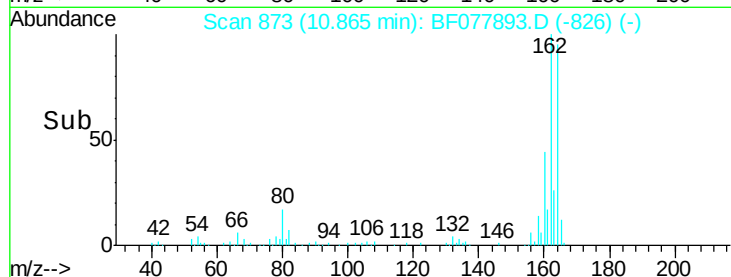
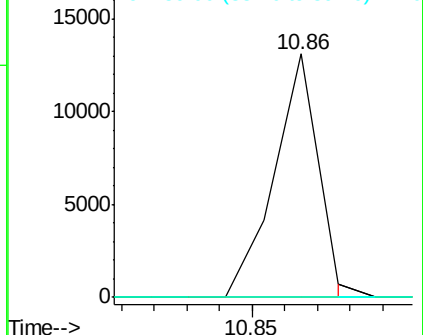
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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: 6.45 ng

RT: 10.86 min Scan# 873

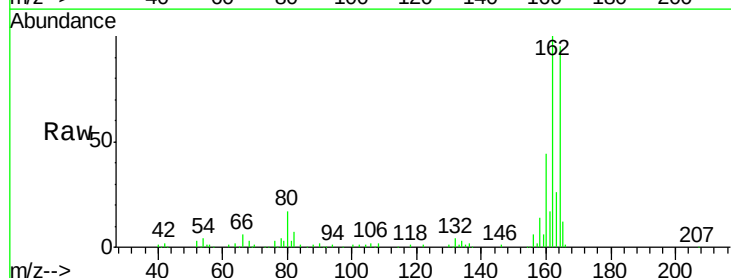
Delta R.T. -0.25 min

Lab File: BF077893.D

Acq: 23 Mar 2015 14:36

Tgt Ion:165 Resp: 12318

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#

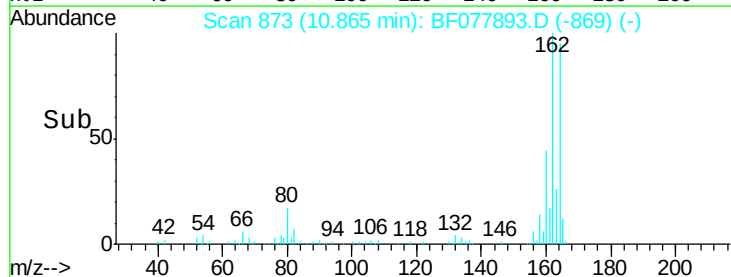
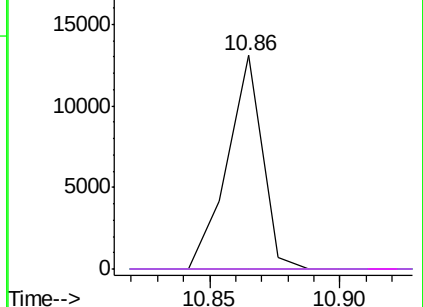


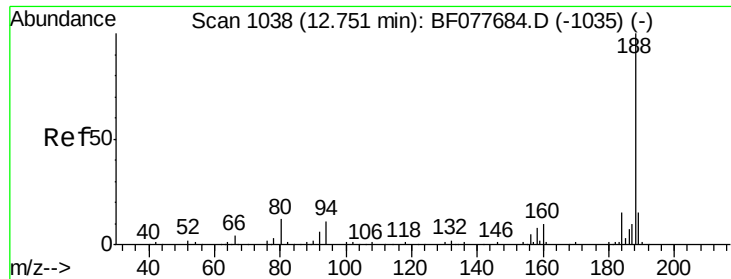
Abundance Ion 165.00 (164.70 to 165.70): E

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

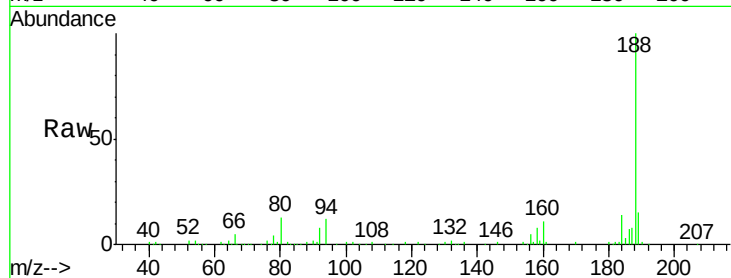




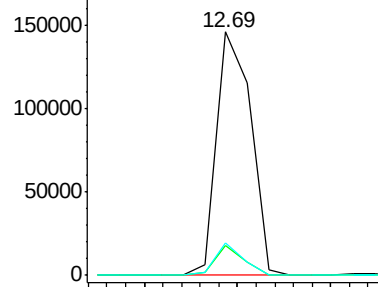
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF077893.D
Acq: 23 Mar 2015 14:36

Instrument :
BNA_F
ClientSampleId :
MW-24VRE

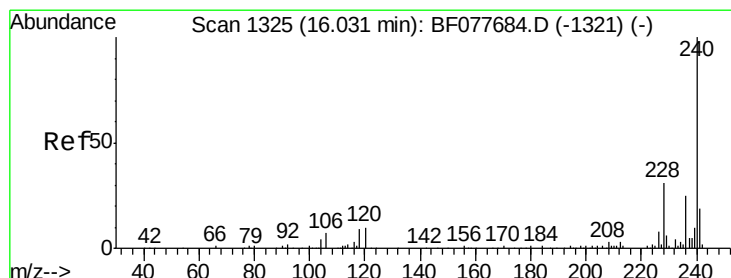
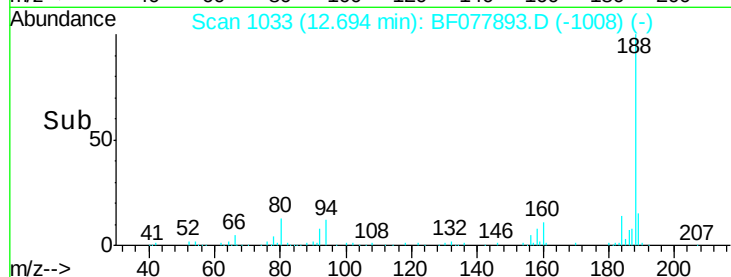
Tgt Ion:188 Resp: 186592
Ion Ratio Lower Upper
188 100
94 12.3 8.7 13.1
80 13.4 9.3 13.9



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

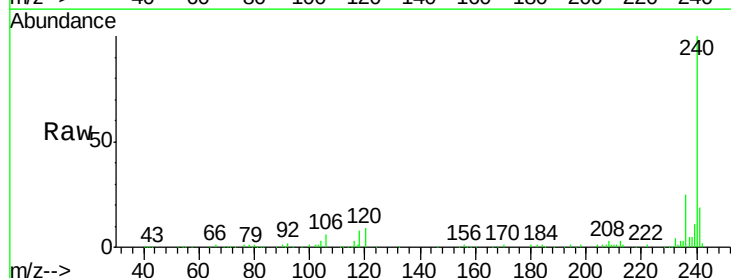


Time-->

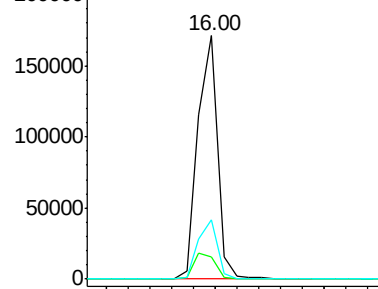


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF077893.D
Acq: 23 Mar 2015 14:36

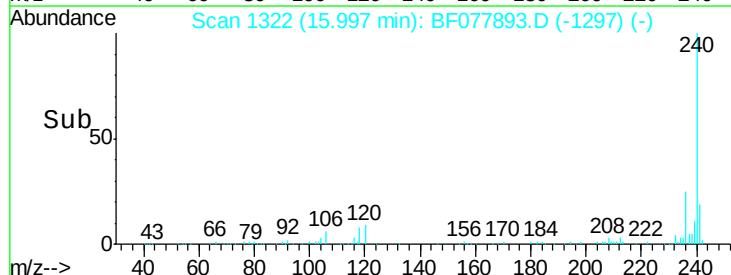
Tgt Ion:240 Resp: 214856
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.2
236 24.5 20.0 30.0

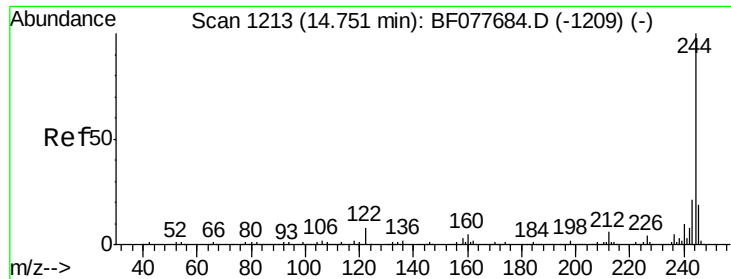


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

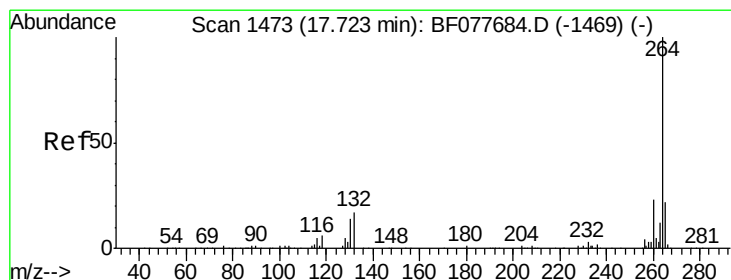
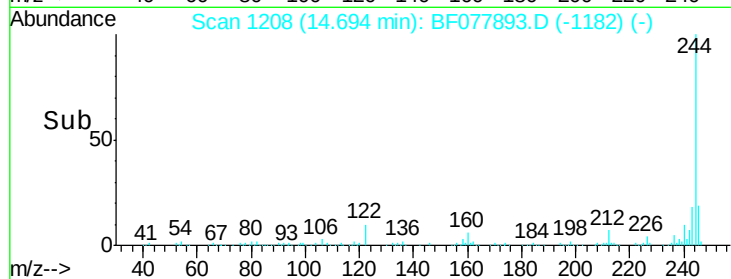
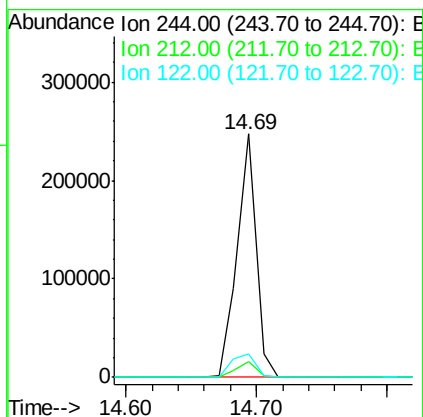
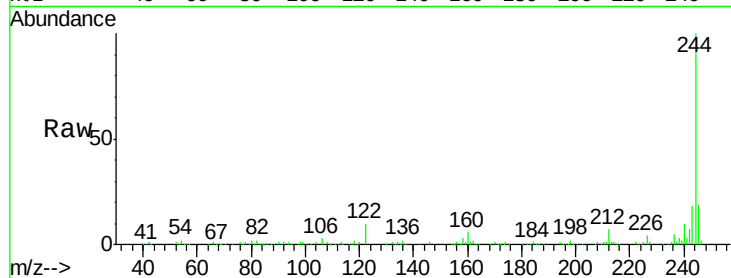




#78
 Terphenyl-d14
 Concen: 28.41 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077893.D
 Acq: 23 Mar 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-24VRE

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.9	7.3
122	9.7	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1479
 Delta R.T. -0.03 min
 Lab File: BF077893.D
 Acq: 23 Mar 2015 14:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.6	17.3	25.9

