

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080453.D
 Acq On : 14 Jul 2015 7:36
 Operator : TP/UM
 Sample : G2958-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-156-71015

Quant Time: Jul 14 08:15:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 00:52:37 2015
 Response via : Initial Calibration

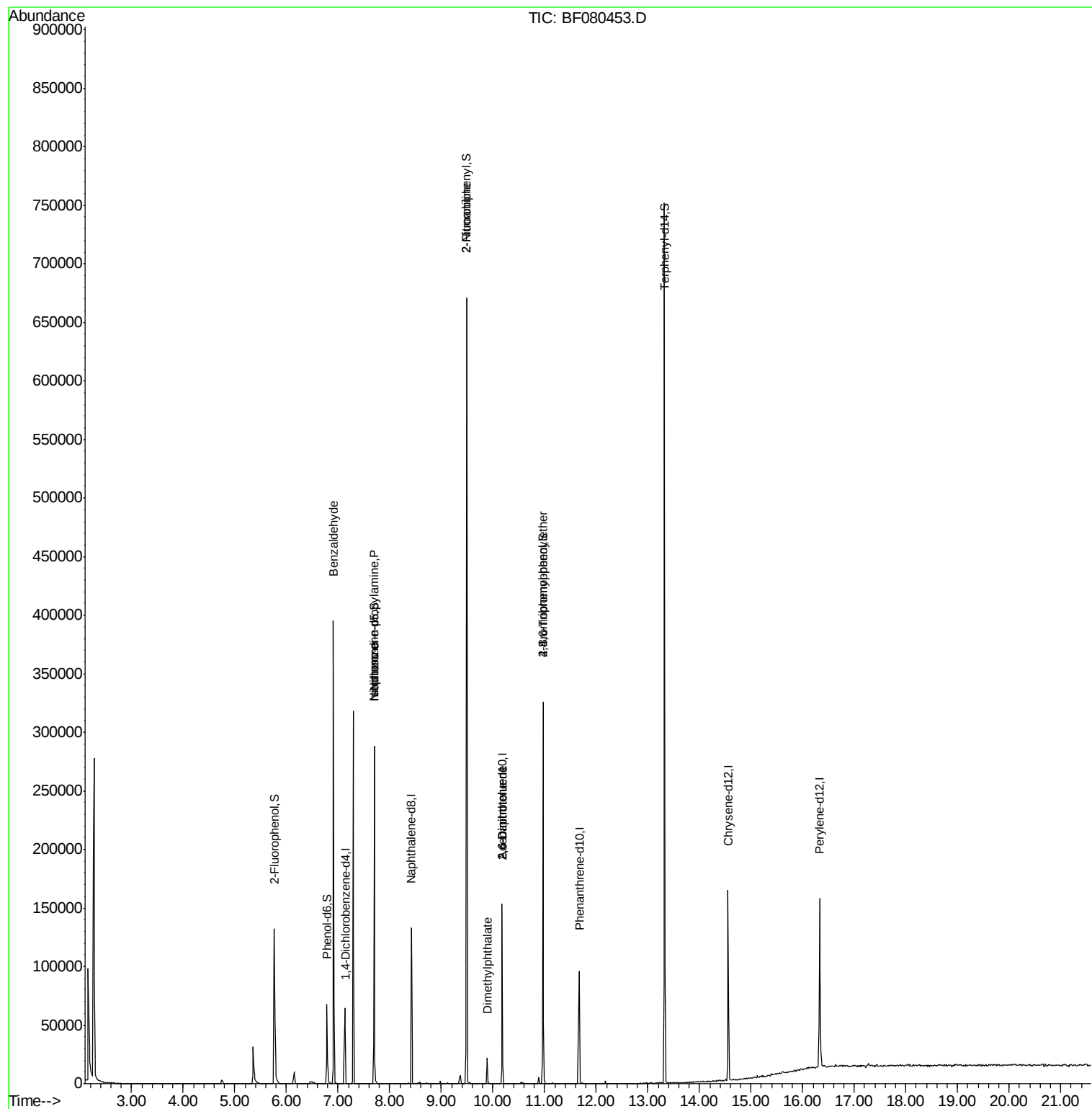
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	13560	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	56414	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	27829	20.00	ng	0.00
63) Phenanthrene-d10	11.68	188	55588	20.00	ng	-0.01
75) Chrysene-d12	14.56	240	65497	20.00	ng	-0.16
86) Perylene-d12	16.33	264	77297	20.00	ng	-0.26
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	43829	55.39	ng	0.00
7) Phenol-d6	6.78	99	30651	29.07	ng	0.01
23) Nitrobenzene-d5	7.70	82	84665	85.59	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	29672	109.25	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	193479	93.64	ng	0.00
78) Terphenyl-d14	13.32	244	230123	76.31	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.91	77	2135	3.66	ng	# 79
19) n-Nitroso-di-n-propylamine	7.70	70	10177	14.11	ng	# 82
25) Isophorone	7.70	82	84674	47.76	ng	# 73
47) 2-Nitroaniline	9.49	65	248	5.04	ng	# 1
49) Dimethylphthalate	9.89	163	15391	7.32	ng	99
50) 2,6-Dinitrotoluene	10.18	165	3779	8.00	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	3779	6.85	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	2514	4.24	ng	# 1

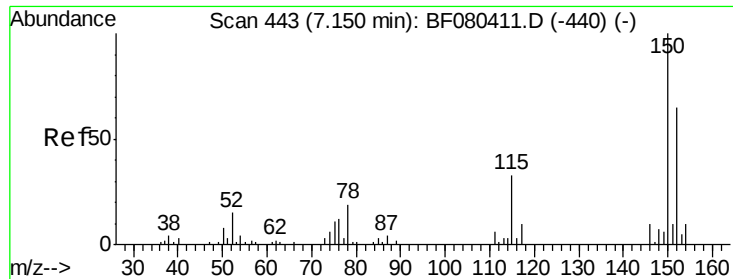
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 14 00:52:37 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080453.D

Acq: 14 Jul 2015 7:36

Instrument :

BNA_F

ClientSampleId :

DCW-WW-156-71015

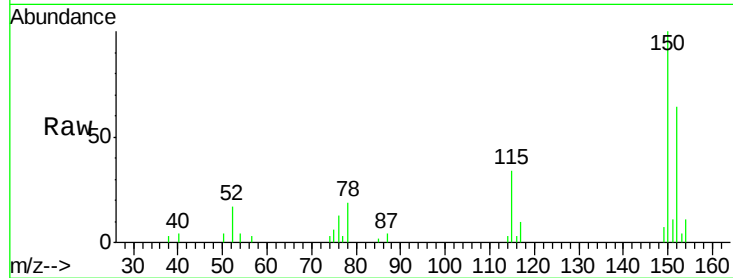
Tgt Ion:152 Resp: 13560

Ion Ratio Lower Upper

152 100

150 155.5 122.3 183.5

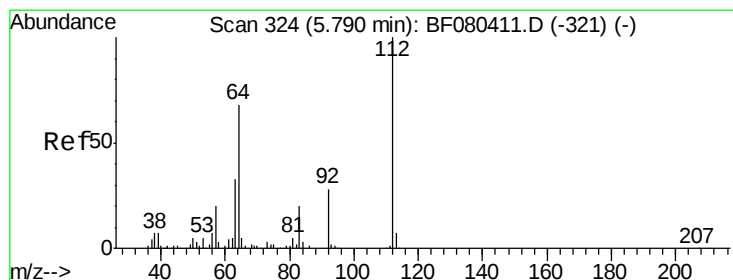
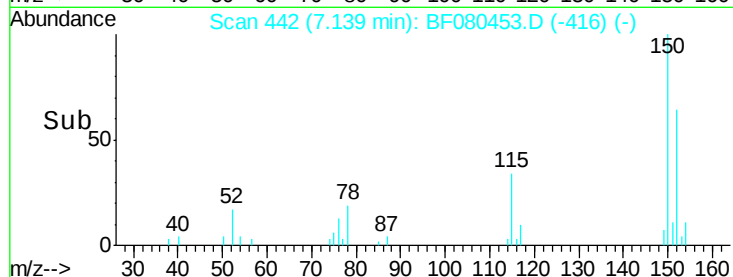
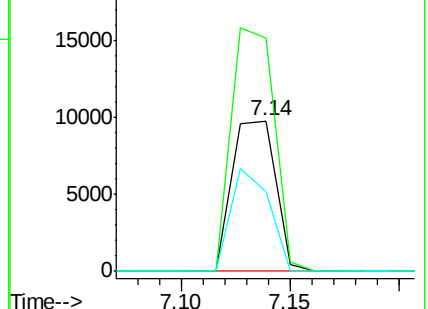
115 53.2 41.0 61.4



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: 55.39 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.00 min

Lab File: BF080453.D

Acq: 14 Jul 2015 7:36

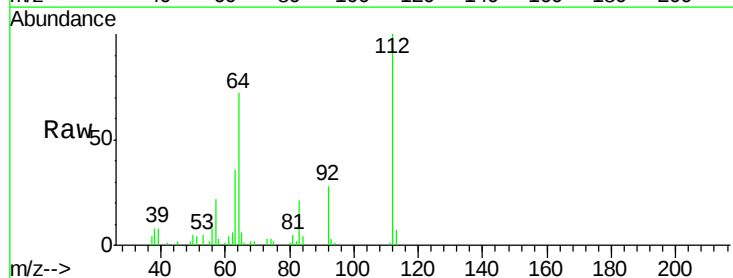
Tgt Ion:112 Resp: 43829

Ion Ratio Lower Upper

112 100

64 71.8 54.3 81.5

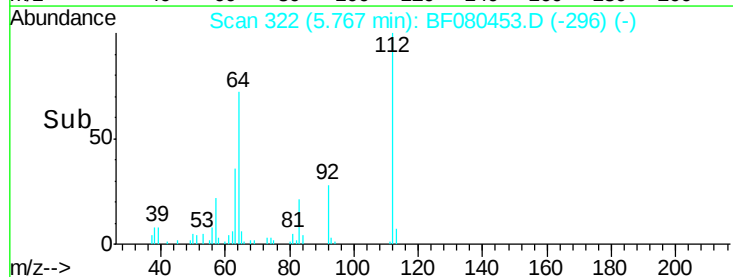
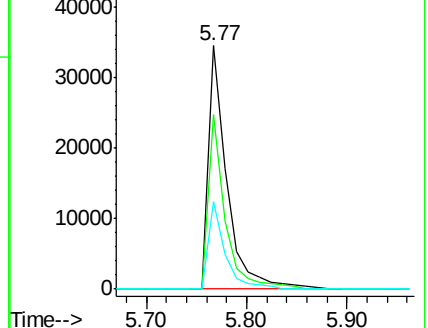
63 36.1 26.7 40.1

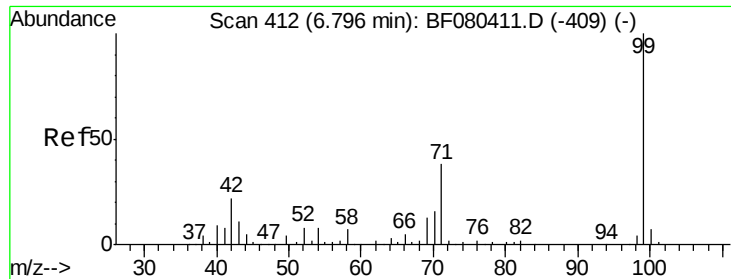


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.07 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080453.D

Acq: 14 Jul 2015 7:36

Instrument :

BNA_F

ClientSampleId :

DCW-WW-156-71015

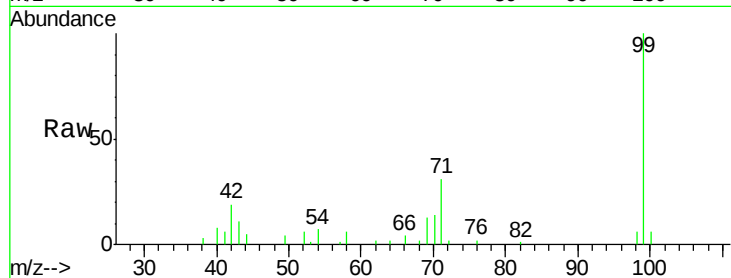
Tgt Ion: 99 Resp: 30651

Ion Ratio Lower Upper

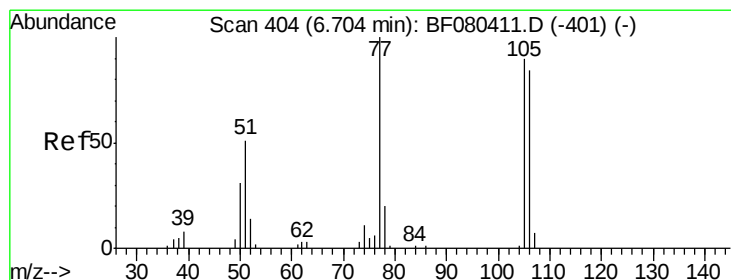
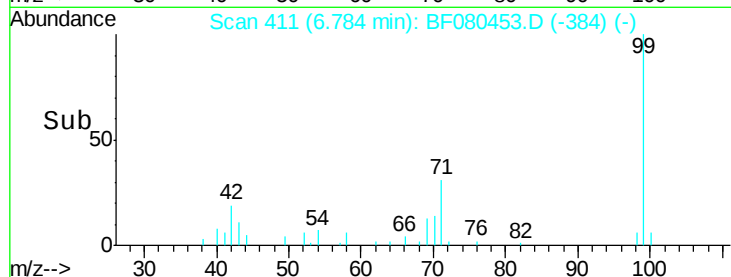
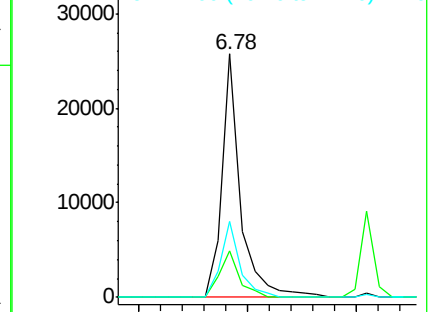
99 100

42 19.2 17.9 26.9

71 31.4 30.1 45.1



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: 3.66 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080453.D

Acq: 14 Jul 2015 7:36

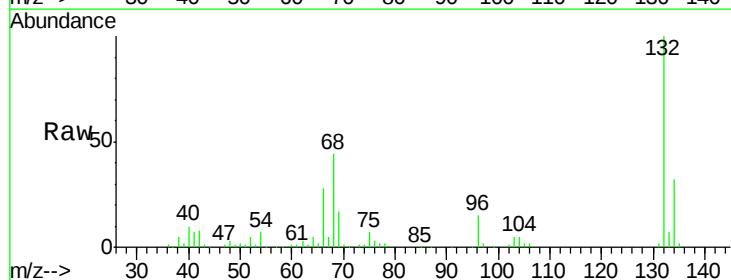
Tgt Ion: 77 Resp: 2135

Ion Ratio Lower Upper

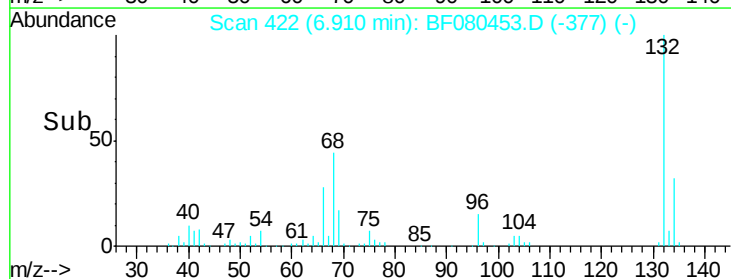
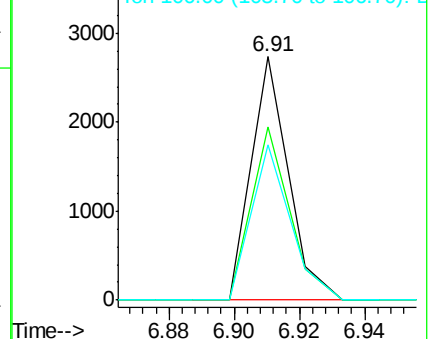
77 100

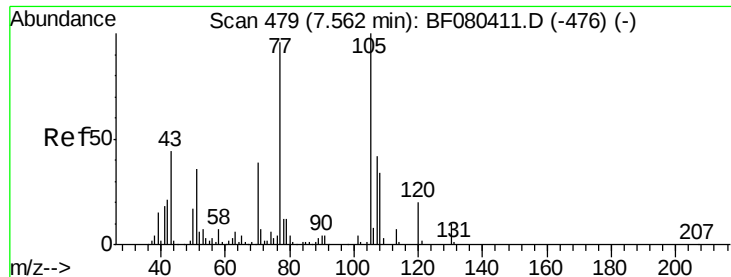
105 70.9 69.6 109.6

106 63.6 63.6 103.6#



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

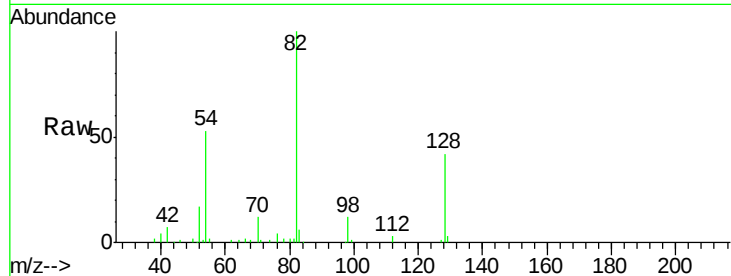




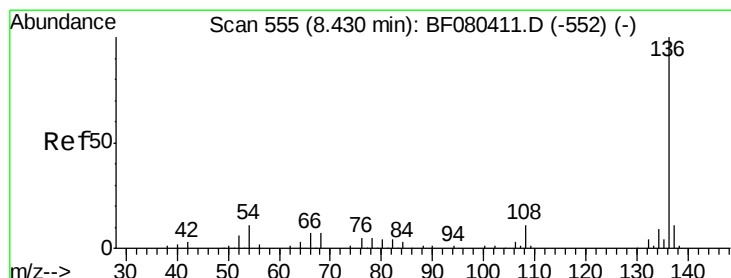
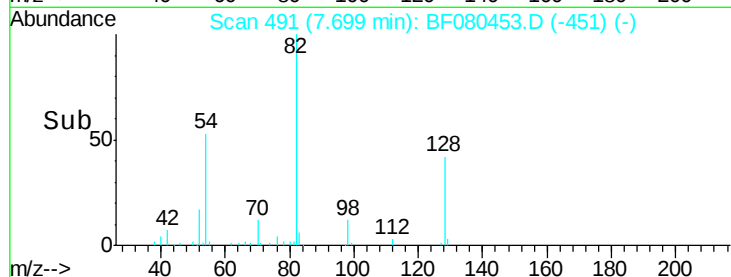
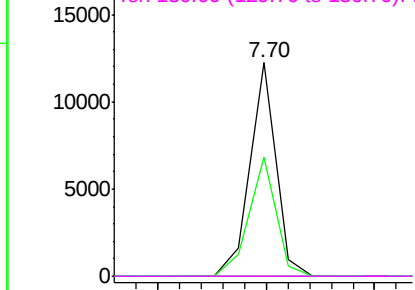
#19
n-Nitroso-di-n-propylamine
Concen: 14.11 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.16 min
Lab File: BF080453.D
Acq: 14 Jul 2015 7:36

Instrument :
BNA_F
ClientSampleId :
DCW-WW-156-71015

Tgt Ion: 70 Resp: 10177
Ion Ratio Lower Upper
70 100
42 55.6 43.4 65.0
101 0.0 9.0 13.6#
130 0.0 19.5 29.3#

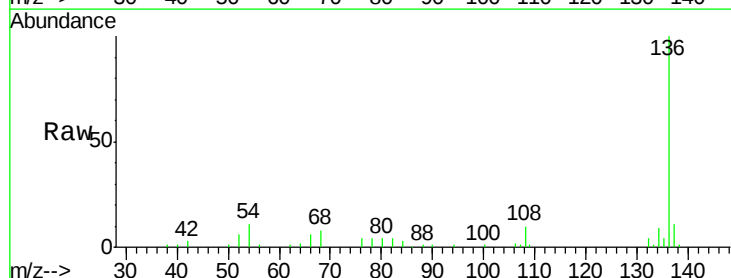


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

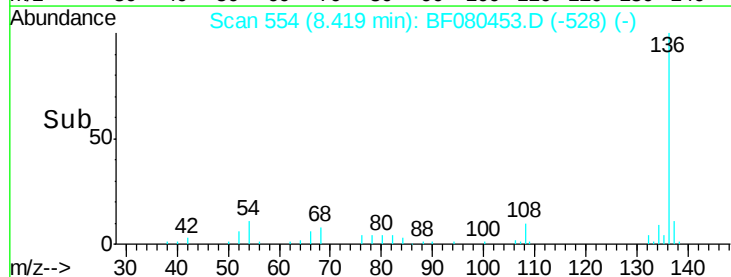
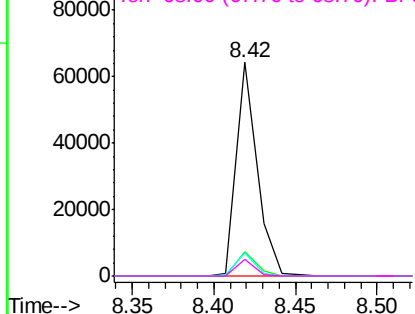


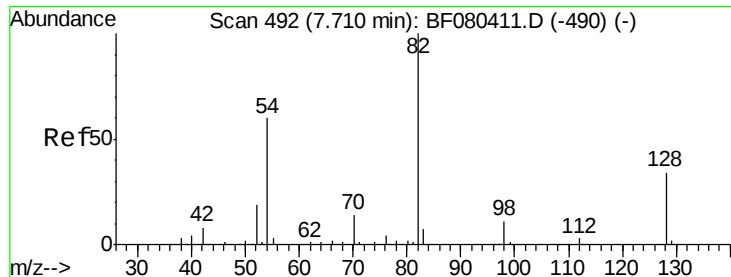
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF080453.D
Acq: 14 Jul 2015 7:36

Tgt Ion: 136 Resp: 56414
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 11.0 9.1 13.7
68 7.6 5.9 8.9



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

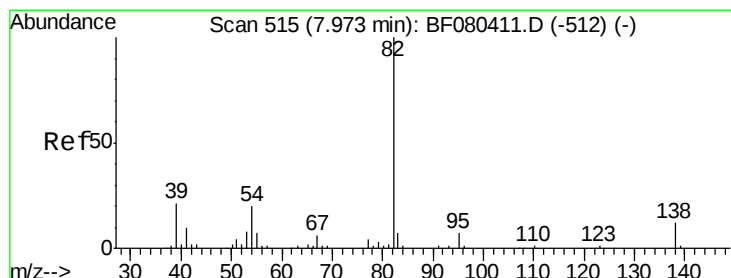
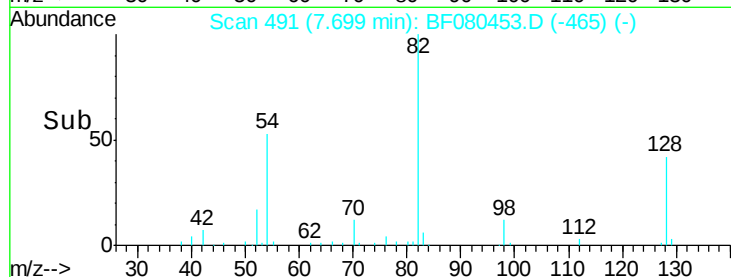
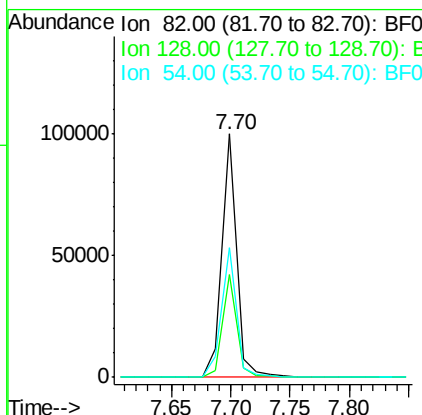
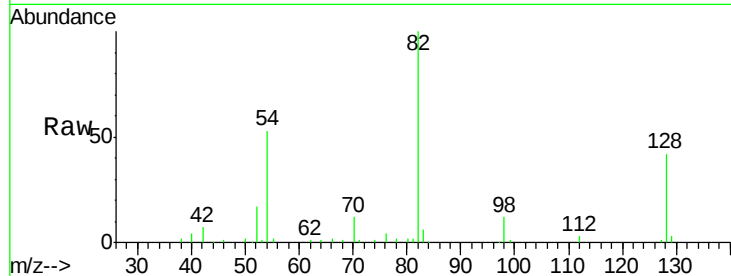




#23
Nitrobenzene-d5
Concen: 85.59 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF080453.D
Acq: 14 Jul 2015 7:36

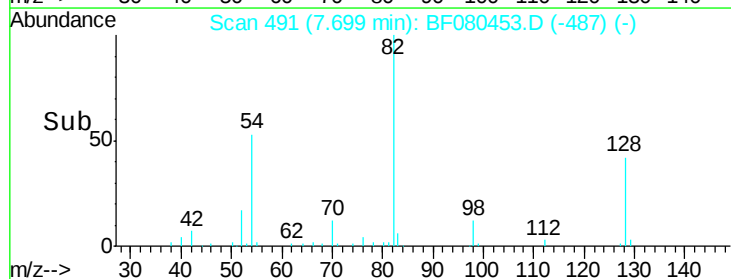
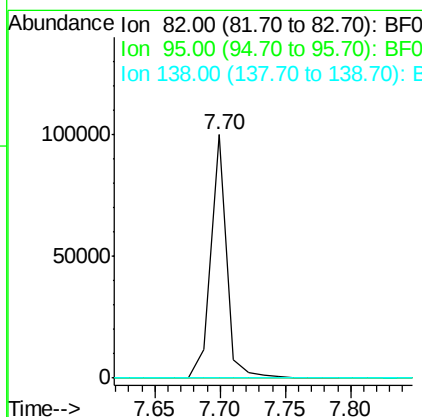
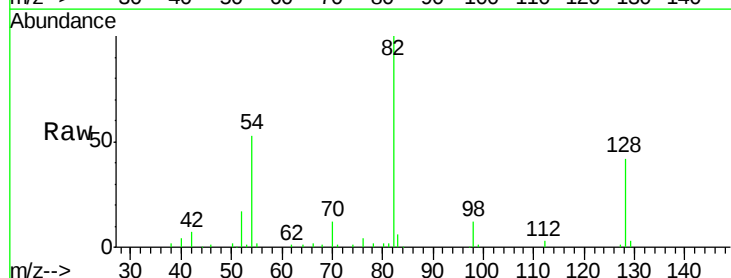
Instrument :
BNA_F
ClientSampleId :
DCW-WW-156-71015

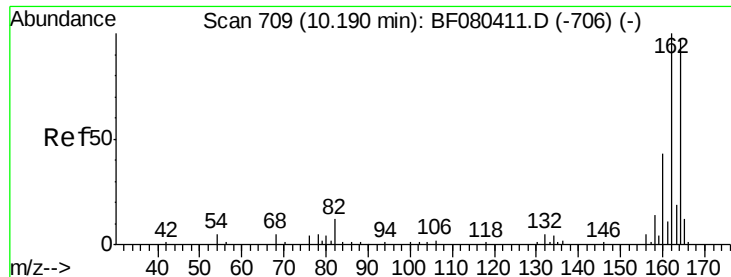
Tgt Ion: 82 Resp: 84665
Ion Ratio Lower Upper
82 100
128 42.2 26.9 40.3#
54 53.1 47.7 71.5



#25
Isophorone
Concen: 47.76 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.25 min
Lab File: BF080453.D
Acq: 14 Jul 2015 7:36

Tgt Ion: 82 Resp: 84674
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 9.5 14.3#

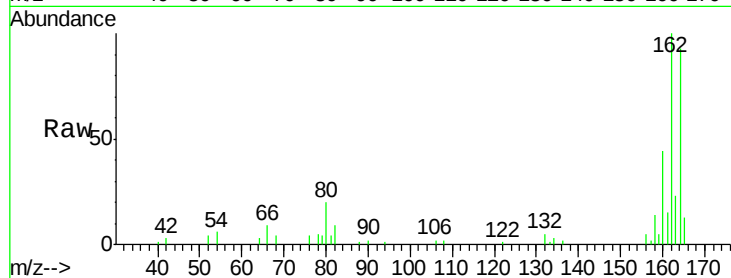




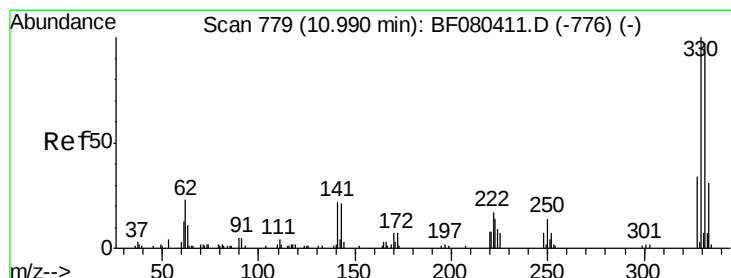
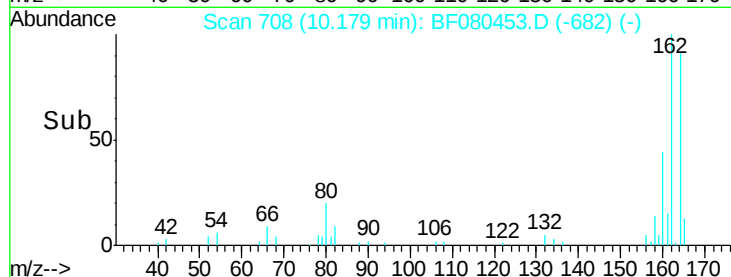
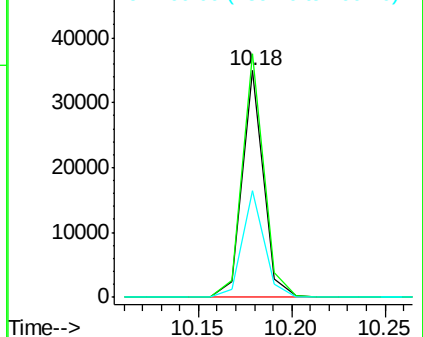
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080453.D
 Acq: 14 Jul 2015 7:36

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-156-71015

Tgt Ion:164 Resp: 27829
 Ion Ratio Lower Upper
 164 100
 162 107.5 82.7 124.1
 160 47.1 35.5 53.3

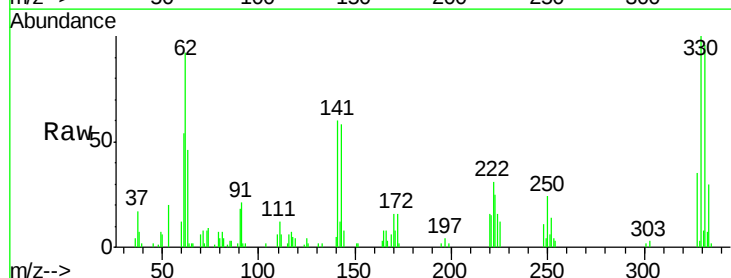


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

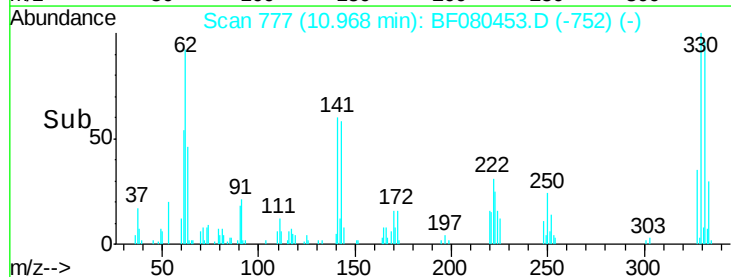
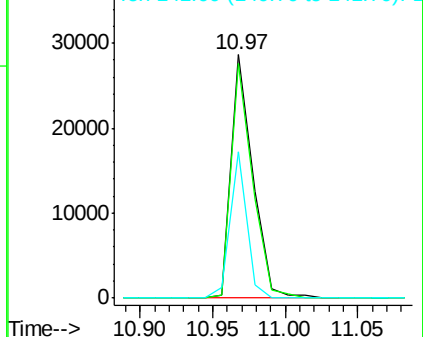


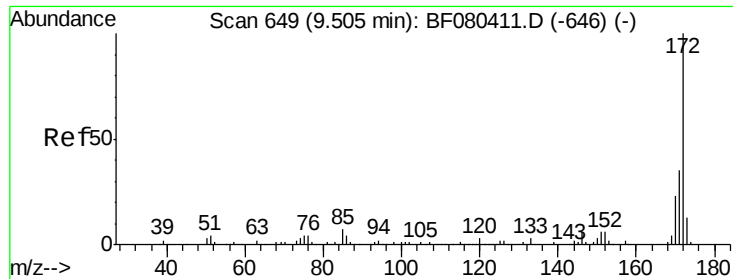
#41
 2,4,6-Tribromophenol
 Concen: 109.25 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080453.D
 Acq: 14 Jul 2015 7:36

Tgt Ion:330 Resp: 29672
 Ion Ratio Lower Upper
 330 100
 332 94.9 78.0 117.0
 141 46.0 28.6 43.0#



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

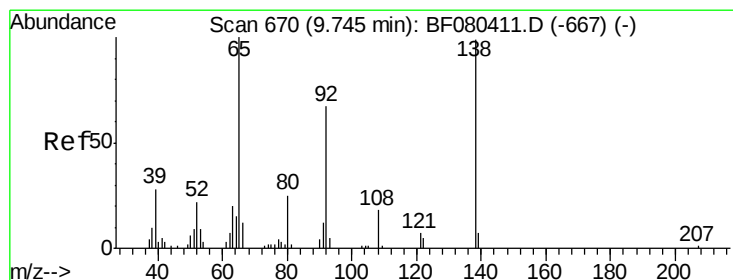
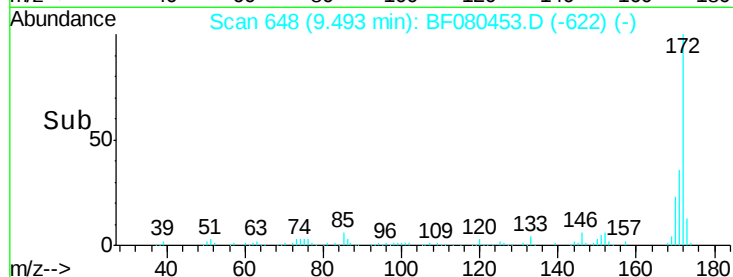
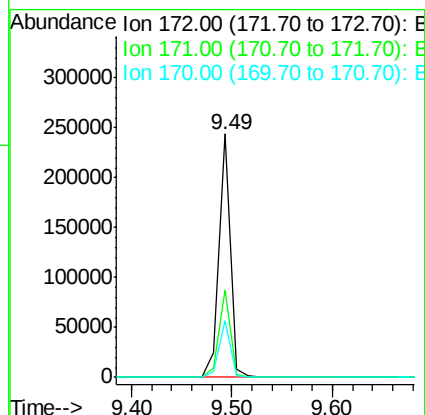
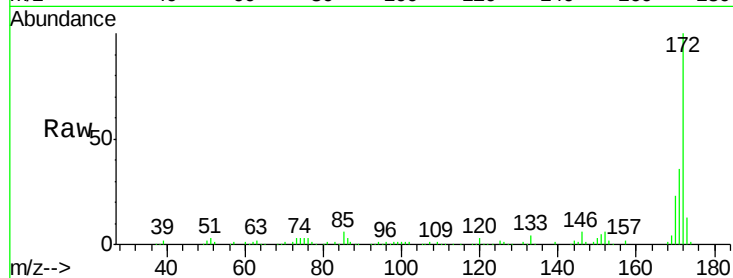




#44
 2-Fluorobiphenyl
 Concen: 93.64 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF080453.D
 Acq: 14 Jul 2015 7:36

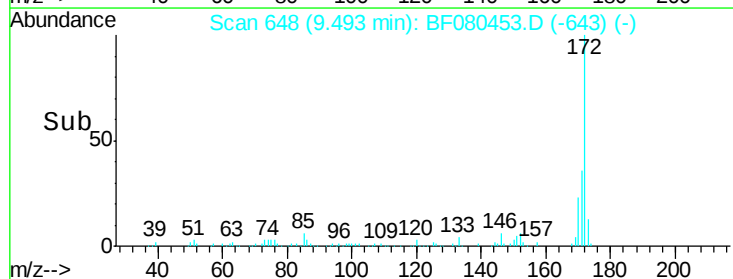
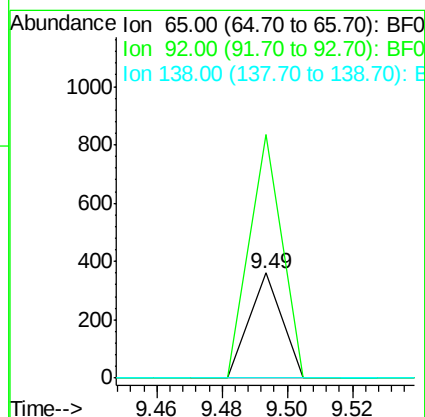
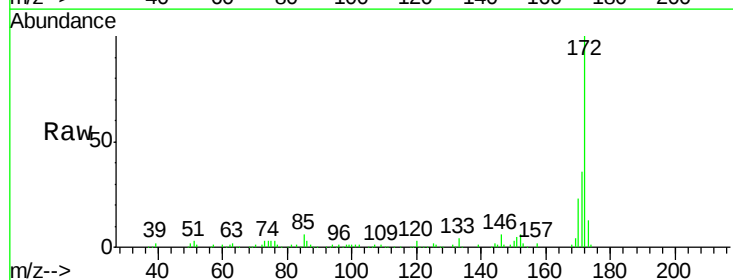
Instrument :
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 DCW-WW-156-71015

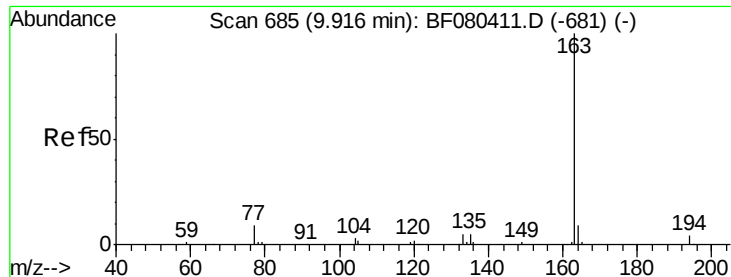
Tgt Ion: 172 Resp: 193479
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.4 42.6
 170 23.3 18.6 28.0



#47
 2-Nitroaniline
 Concen: 5.04 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.24 min
 Lab File: BF080453.D
 Acq: 14 Jul 2015 7:36

Tgt Ion: 65 Resp: 248
 Ion Ratio Lower Upper
 65 100
 92 231.3 53.2 79.8#
 138 0.0 78.9 118.3#





#49

Dimethylphthalate

Concen: 7.32 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080453.D

Acq: 14 Jul 2015 7:36

Instrument :

BNA_F

ClientSampleId :

DCW-WW-156-71015

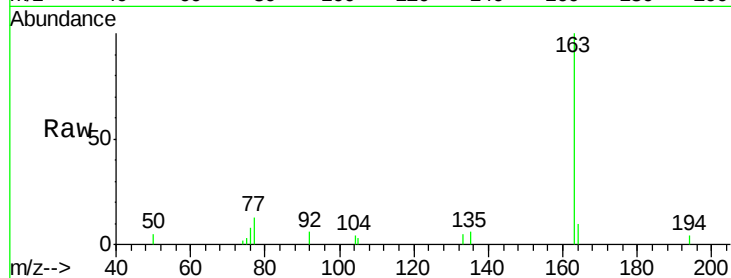
Tgt Ion:163 Resp: 15391

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

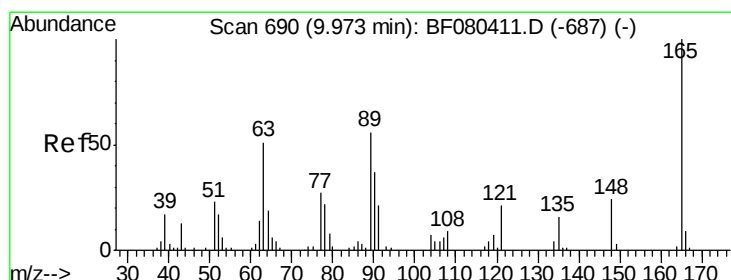
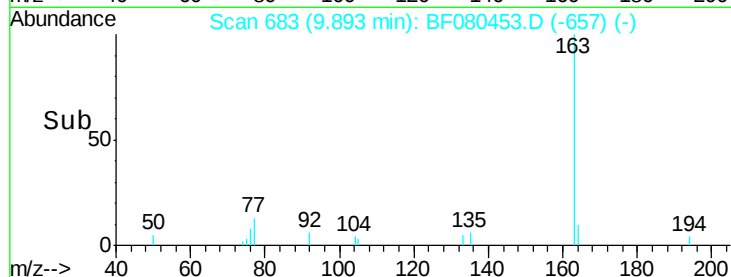
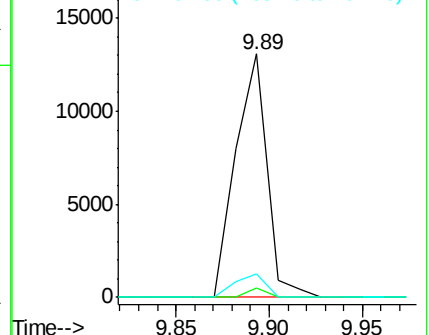
164 9.6 7.4 11.0



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: 8.00 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.22 min

Lab File: BF080453.D

Acq: 14 Jul 2015 7:36

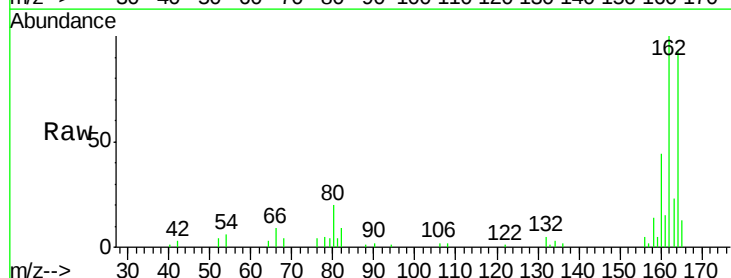
Tgt Ion:165 Resp: 3779

Ion Ratio Lower Upper

165 100

63 0.0 44.5 66.7#

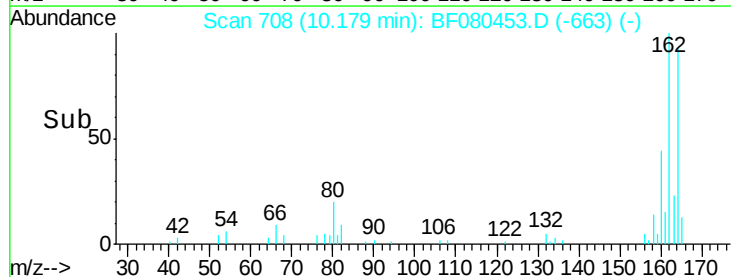
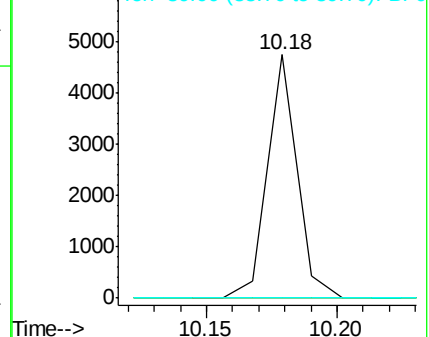
89 0.0 44.5 66.7#

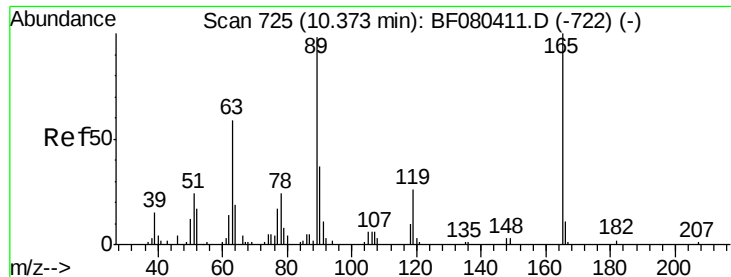


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

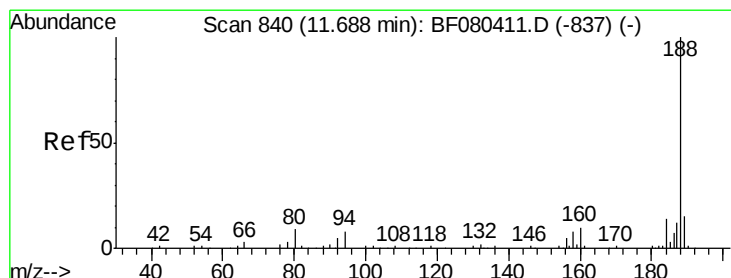
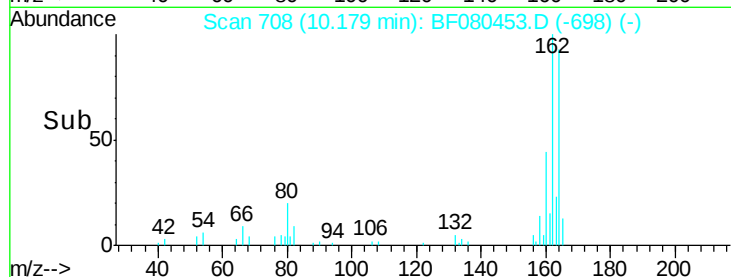
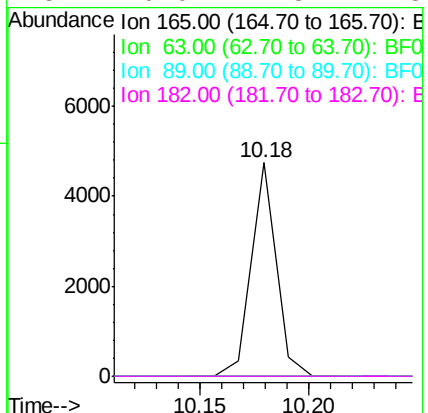
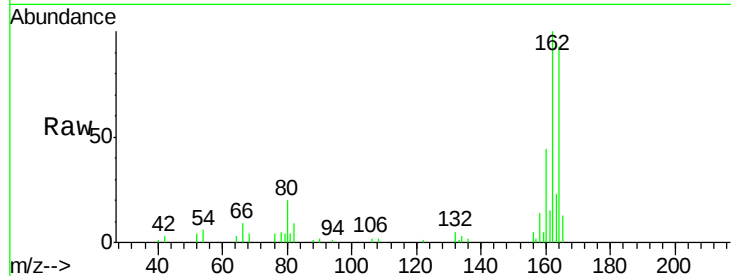




#56
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.18 min
Lab File: BF080453.D
Acq: 14 Jul 2015 7:36

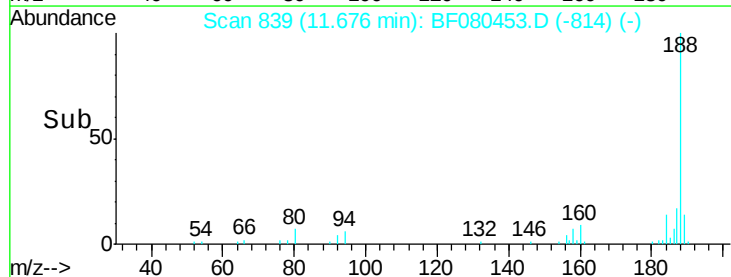
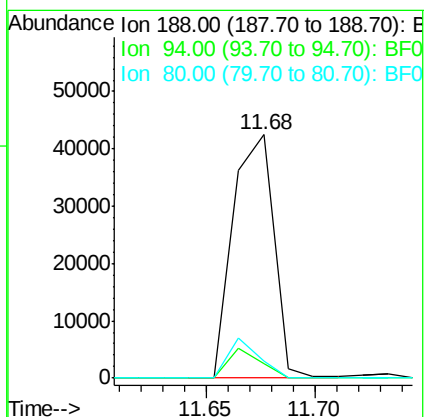
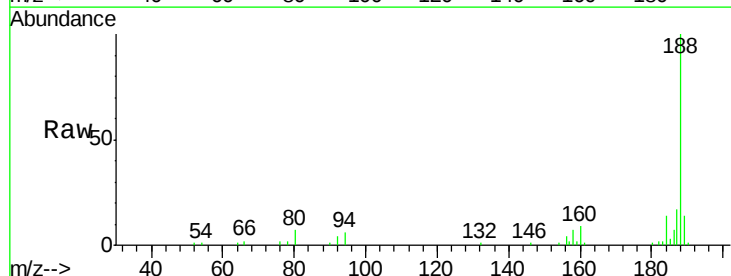
Instrument :
BNA_F
ClientSampleId :
DCW-WW-156-71015

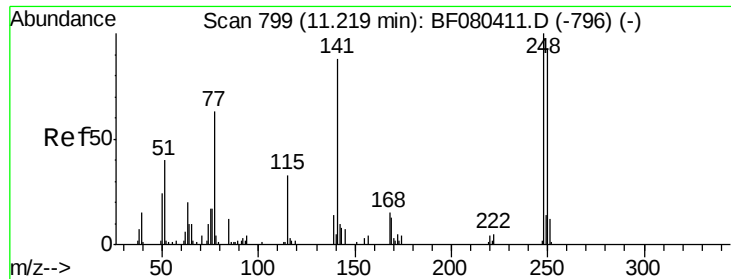
Tgt Ion:165 Resp: 3779
Ion Ratio Lower Upper
165 100
63 0.0 51.7 77.5#
89 0.0 78.6 117.8#
182 0.0 1.8 2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.68 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF080453.D
Acq: 14 Jul 2015 7:36

Tgt Ion:188 Resp: 55588
Ion Ratio Lower Upper
188 100
94 6.2 6.7 10.1#
80 6.9 7.5 11.3#

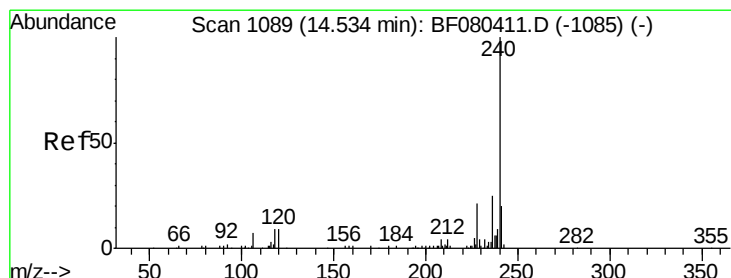
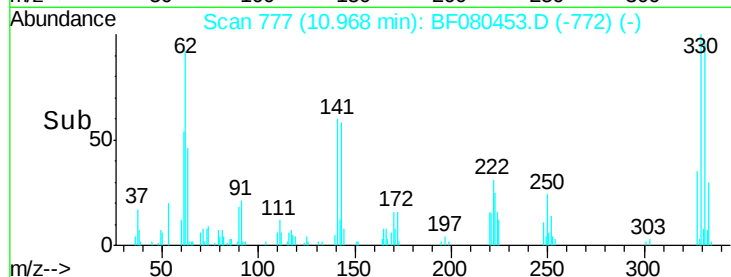
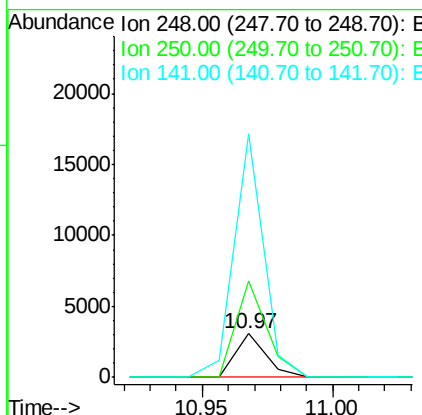
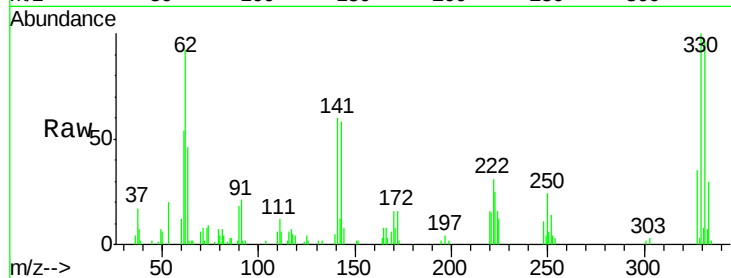




#66
 4-Bromophenyl-phenylether
 Concen: 4.24 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.24 min
 Lab File: BF080453.D
 Acq: 14 Jul 2015 7:36

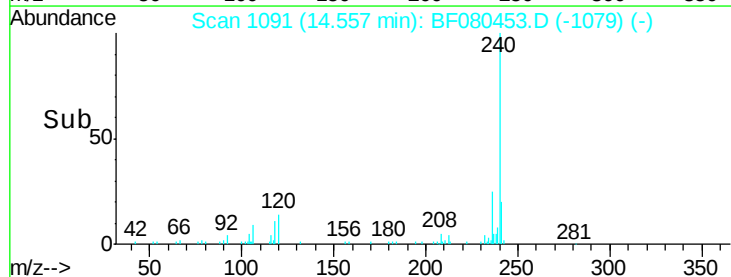
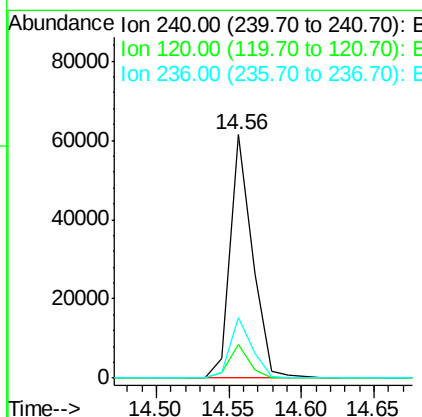
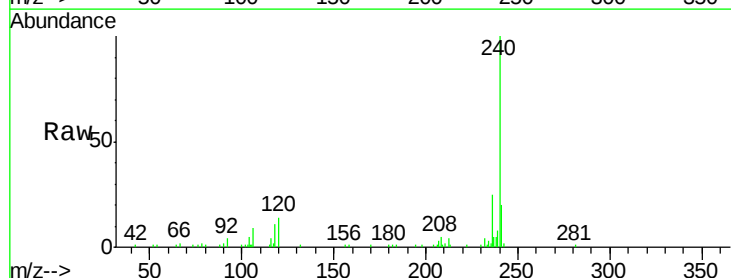
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-156-71015

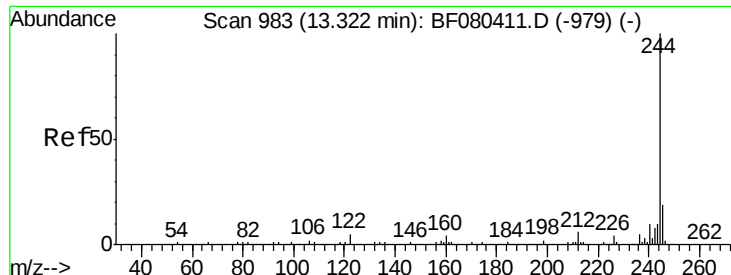
Tgt Ion:248 Resp: 2514
 Ion Ratio Lower Upper
 248 100
 250 219.8 74.2 111.4#
 141 558.3 70.7 106.1#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.16 min
 Lab File: BF080453.D
 Acq: 14 Jul 2015 7:36

Tgt Ion:240 Resp: 65497
 Ion Ratio Lower Upper
 240 100
 120 13.9 7.4 11.2#
 236 25.0 19.7 29.5





#78

Terphenyl-d14

Concen: 76.31 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.08 min

Lab File: BF080453.D

Acq: 14 Jul 2015 7:36

Instrument :

BNA_F

ClientSampleId :

DCW-WW-156-71015

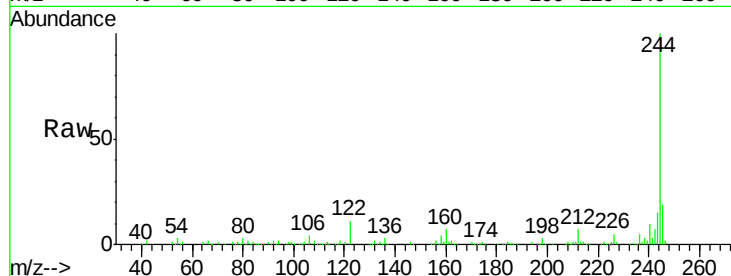
Tgt Ion:244 Resp: 230123

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3

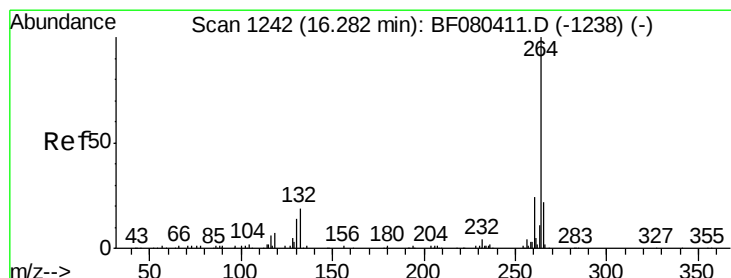
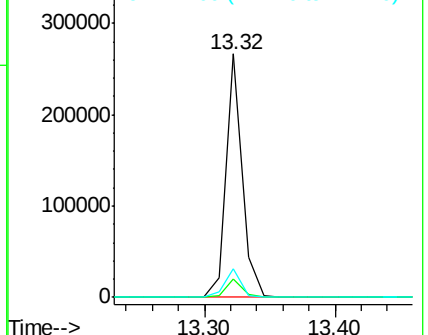
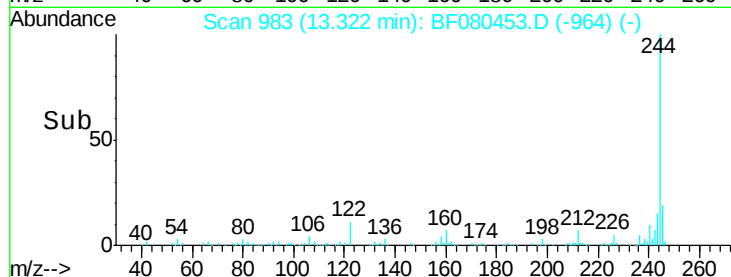
122 11.5 4.1 6.1#



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: 16.33 min Scan# 1246

Delta R.T. -0.26 min

Lab File: BF080453.D

Acq: 14 Jul 2015 7:36

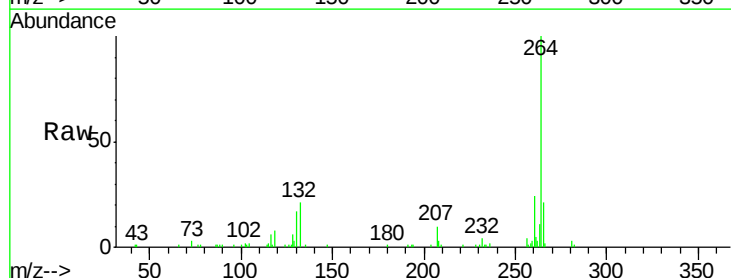
Tgt Ion:264 Resp: 77297

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.0 17.8 26.8



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

