

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080454.D
 Acq On : 14 Jul 2015 8:04
 Operator : TP/UM
 Sample : G2958-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-157-71015

Quant Time: Jul 14 08:28:27 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

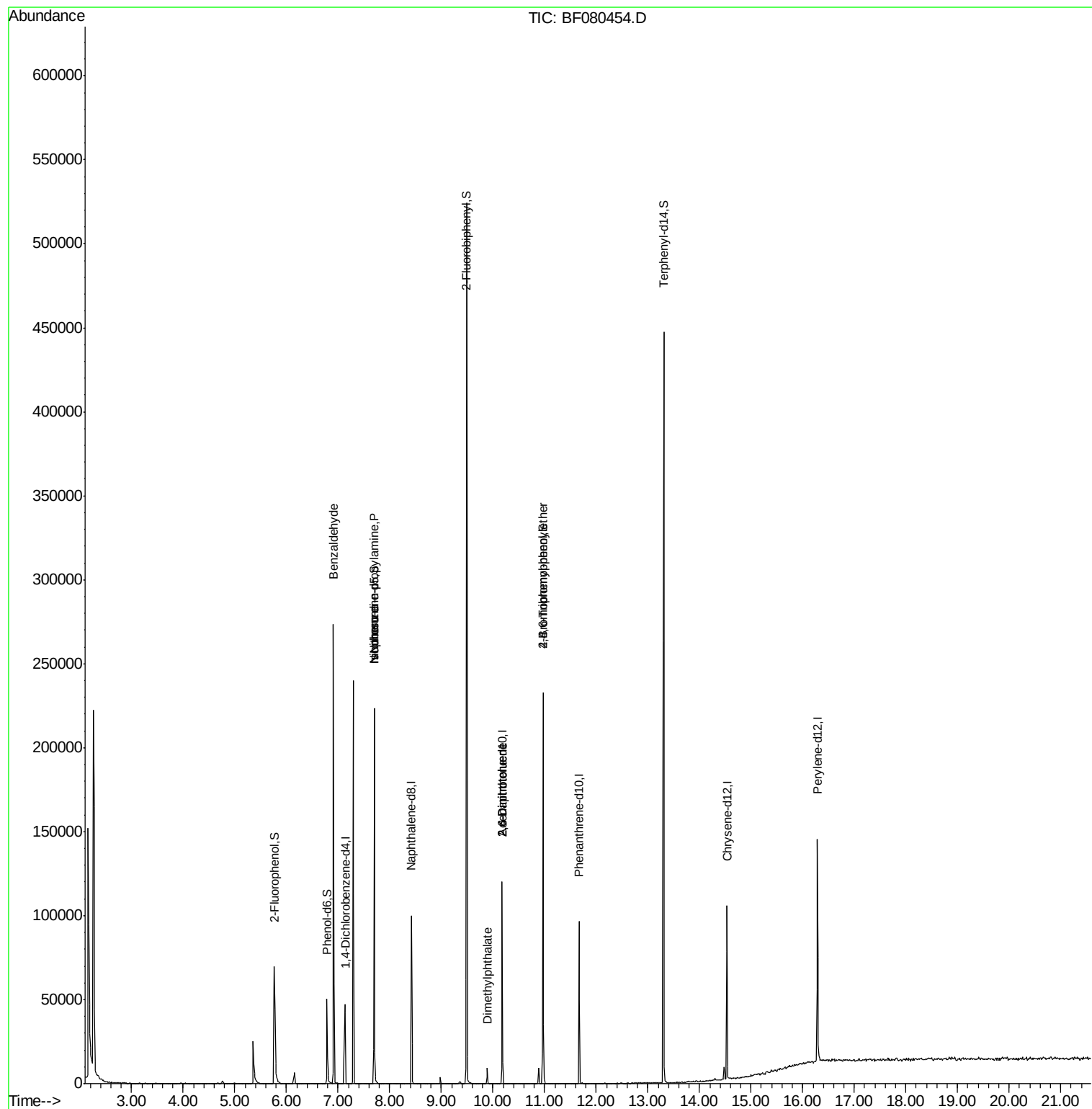
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	10926	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	44905	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	22499	20.00	ng	0.00
63) Phenanthrene-d10	11.66	188	43070	20.00	ng	-0.02
75) Chrysene-d12	14.53	240	52852	20.00	ng	-0.18
86) Perylene-d12	16.28	264	69047	20.00	ng	-0.31
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	29240	45.86	ng	0.00
7) Phenol-d6	6.78	99	21991	25.89	ng	0.01
23) Nitrobenzene-d5	7.70	82	66541	84.51	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	21735	98.98	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	152112	91.06	ng	0.00
78) Terphenyl-d14	13.31	244	180075	74.00	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.91	77	1685	3.59	ng	# 76
19) n-Nitroso-di-n-propylamine	7.70	70	7894	13.58	ng	# 80
25) Isophorone	7.70	82	66548	47.16	ng	# 73
49) Dimethylphthalate	9.89	163	6109	3.59	ng	# 95
50) 2,6-Dinitrotoluene	10.18	165	2915	7.64	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	2915	6.53	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	1903	4.15	ng	# 1

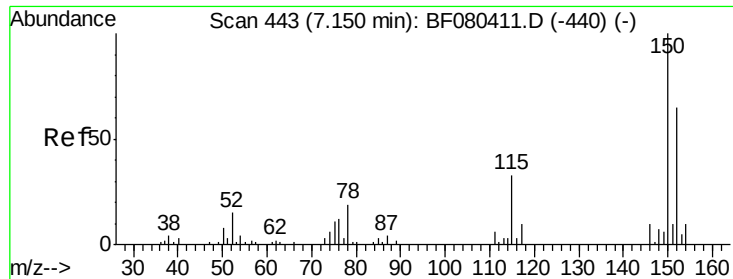
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 14 00:52:37 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080454.D

Acq: 14 Jul 2015 8:04

Instrument :

BNA_F

ClientSampleId :

DCW-WW-157-71015

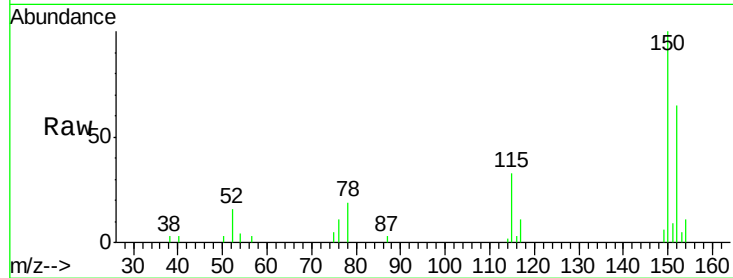
Tgt Ion:152 Resp: 10926

Ion Ratio Lower Upper

152 100

150 153.8 122.3 183.5

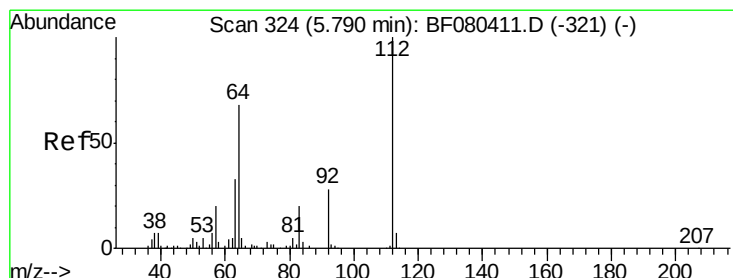
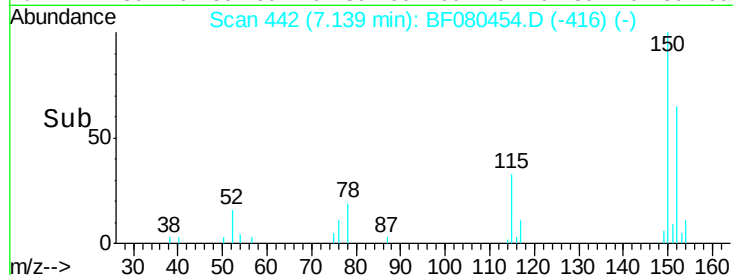
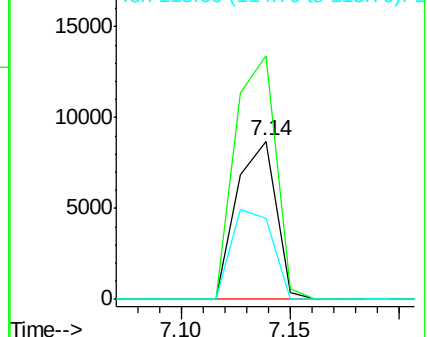
115 50.8 41.0 61.4



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: 45.86 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.00 min

Lab File: BF080454.D

Acq: 14 Jul 2015 8:04

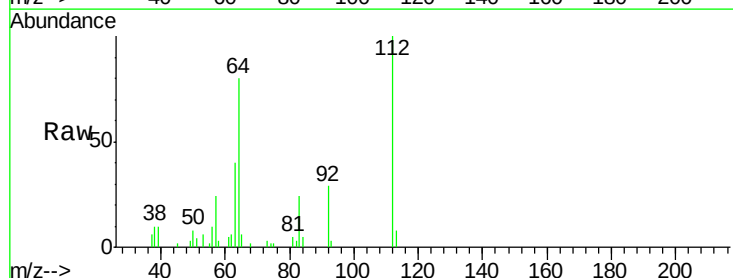
Tgt Ion:112 Resp: 29240

Ion Ratio Lower Upper

112 100

64 80.2 54.3 81.5

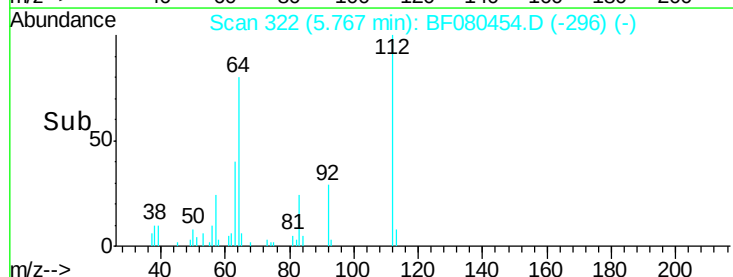
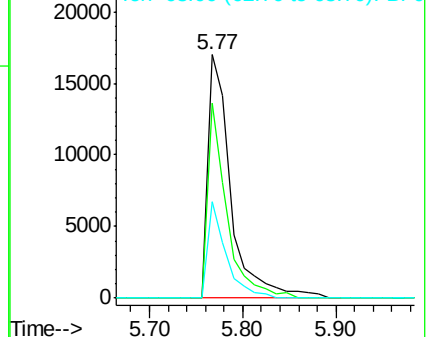
63 39.7 26.7 40.1

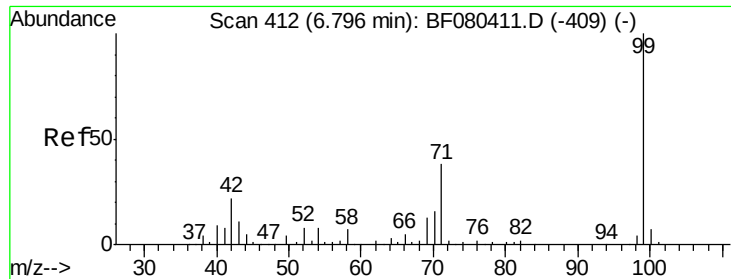


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.89 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080454.D

Acq: 14 Jul 2015 8:04

Instrument :

BNA_F

ClientSampleId :

DCW-WW-157-71015

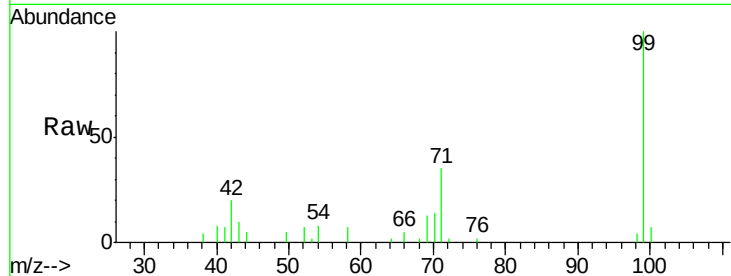
Tgt Ion: 99 Resp: 21991

Ion Ratio Lower Upper

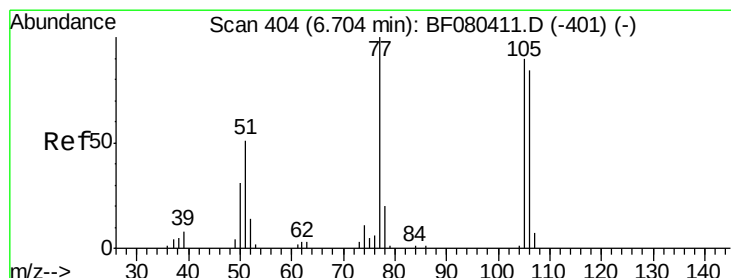
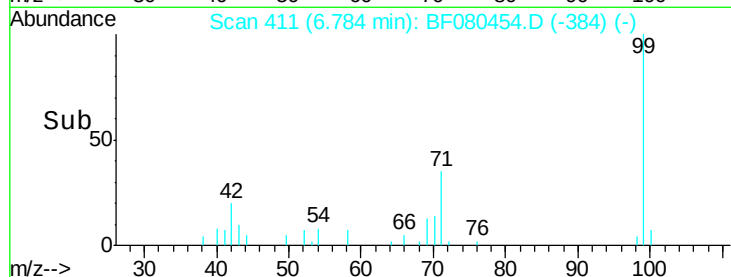
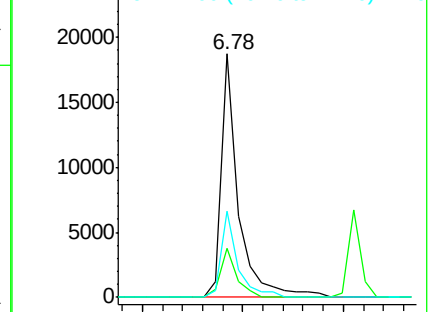
99 100

42 20.2 17.9 26.9

71 35.2 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: 3.59 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080454.D

Acq: 14 Jul 2015 8:04

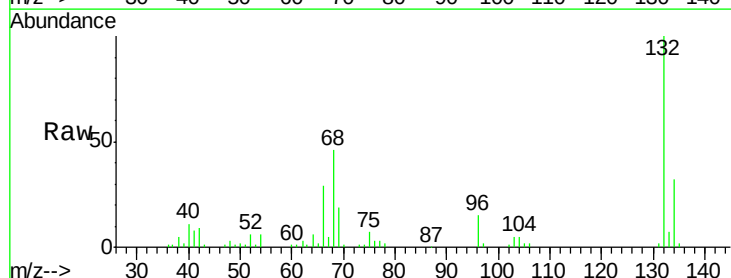
Tgt Ion: 77 Resp: 1685

Ion Ratio Lower Upper

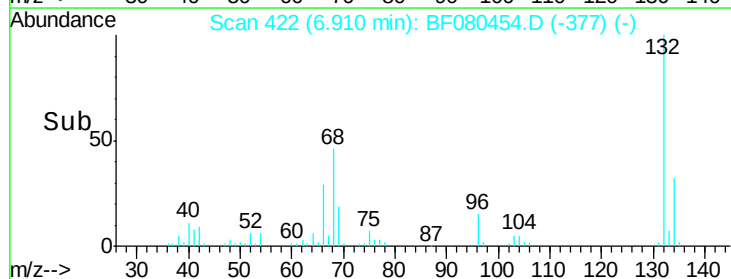
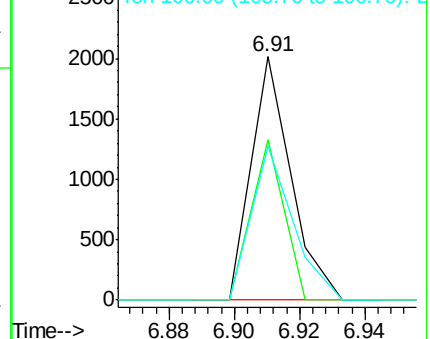
77 100

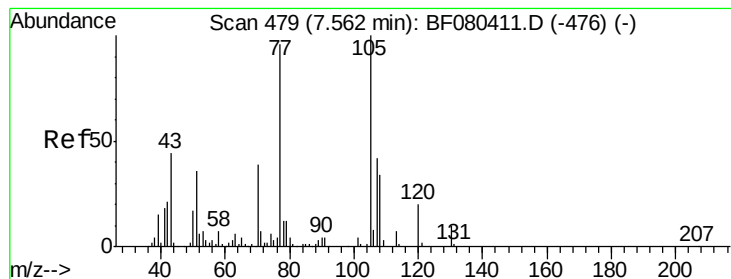
105 66.0 69.6 109.6#

106 63.2 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: 13.58 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.16 min

Lab File: BF080454.D

Acq: 14 Jul 2015 8:04

Instrument :

BNA_F

ClientSampleId :

DCW-WW-157-71015

Tgt Ion: 70 Resp: 7894

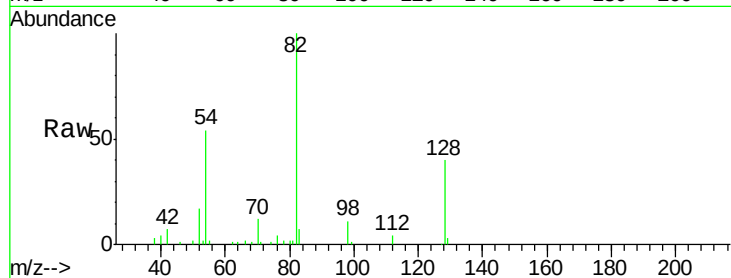
Ion Ratio Lower Upper

70 100

42 57.2 43.4 65.0

101 0.0 9.0 13.6#

130 0.0 19.5 29.3#

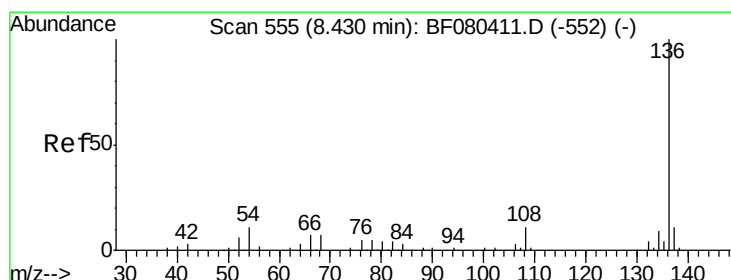
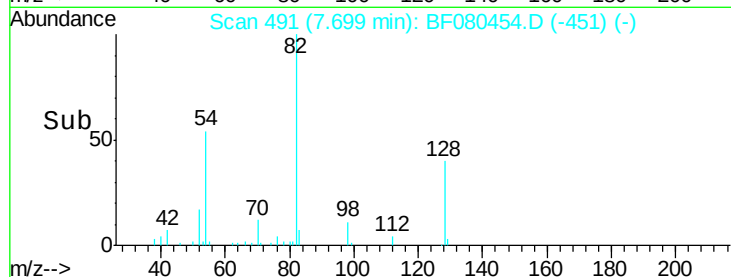
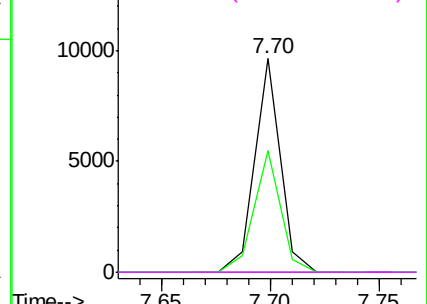


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF080454.D

Acq: 14 Jul 2015 8:04

Tgt Ion: 136 Resp: 44905

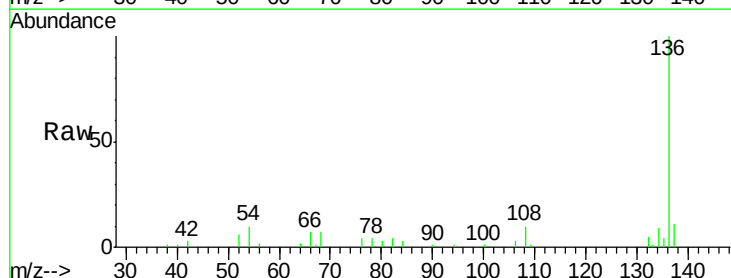
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 10.3 9.1 13.7

68 7.2 5.9 8.9

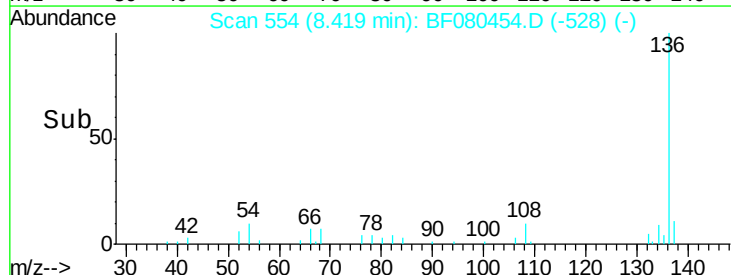
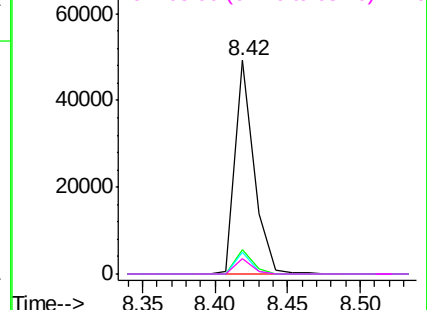


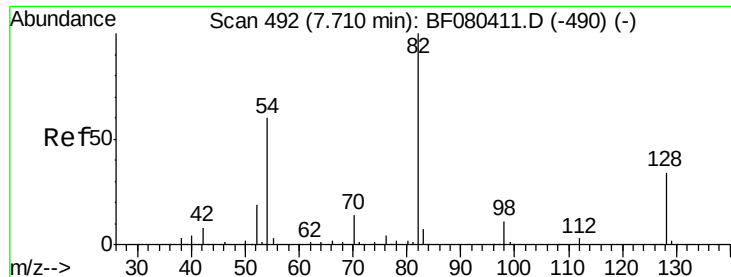
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.51 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF080454.D

Acq: 14 Jul 2015 8:04

Instrument :

BNA_F

ClientSampleId :

DCW-WW-157-71015

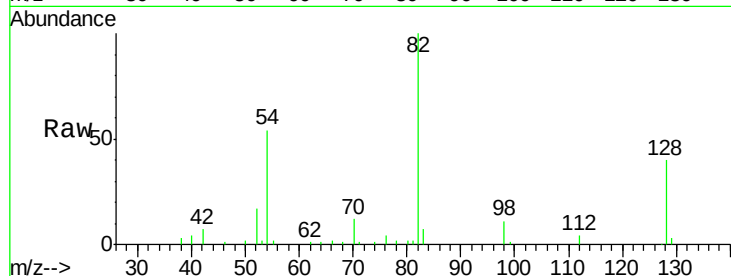
Tgt Ion: 82 Resp: 66541

Ion Ratio Lower Upper

82 100

128 40.1 26.9 40.3

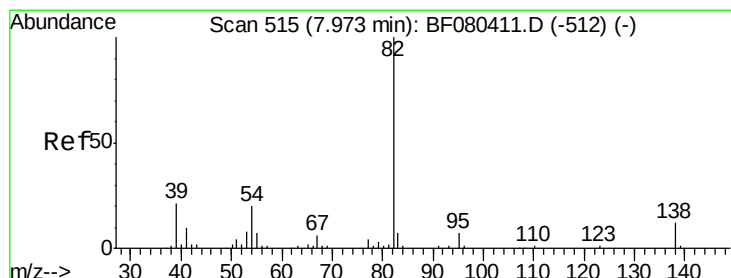
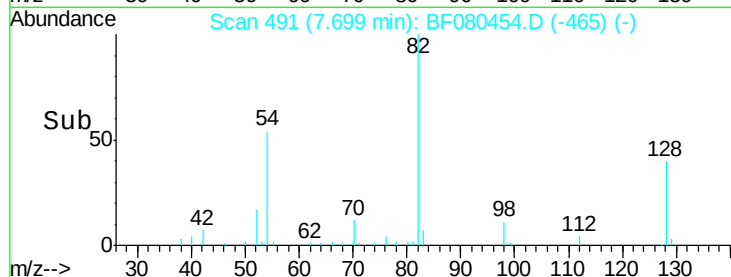
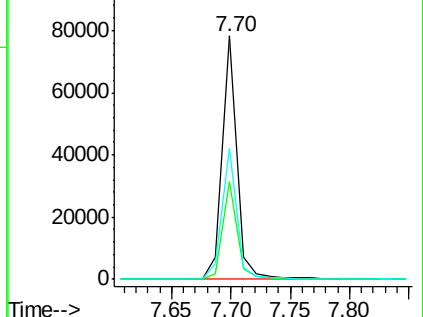
54 53.7 47.7 71.5



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: 47.16 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.25 min

Lab File: BF080454.D

Acq: 14 Jul 2015 8:04

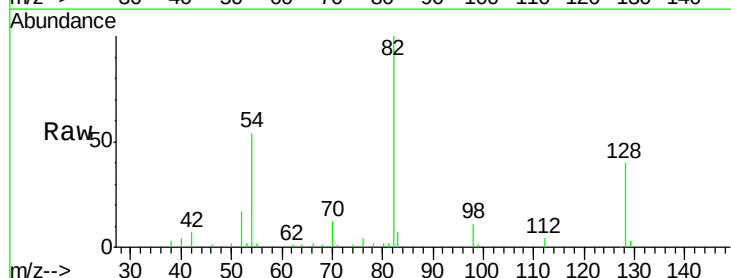
Tgt Ion: 82 Resp: 66548

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

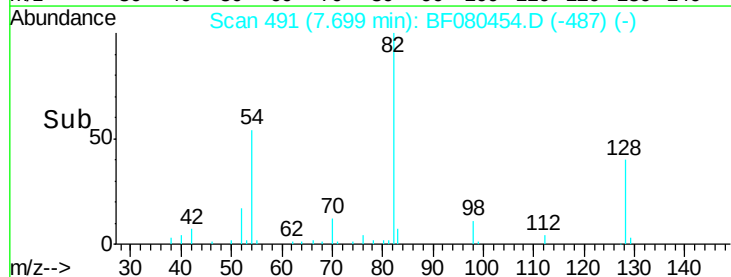
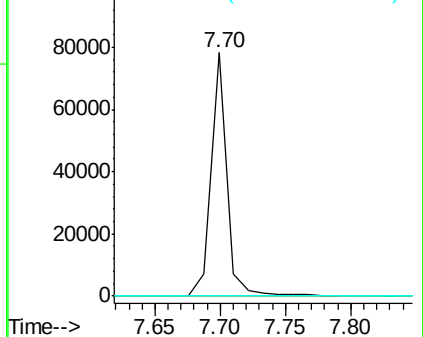
138 0.0 9.5 14.3#

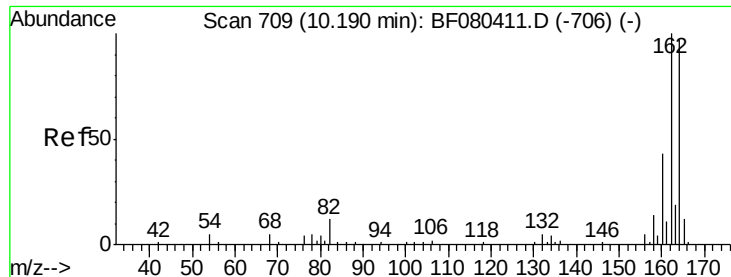


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

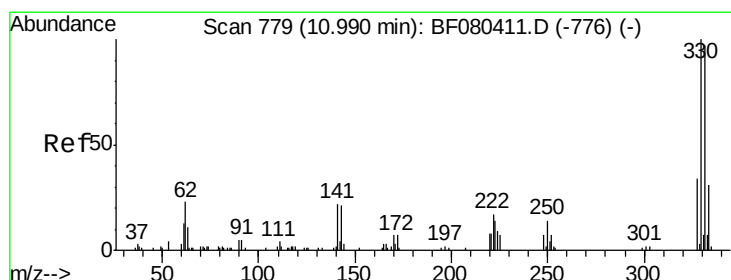
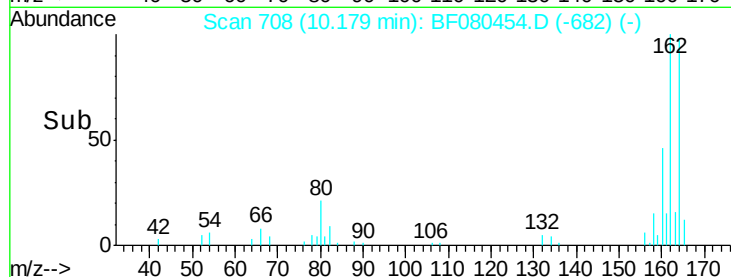
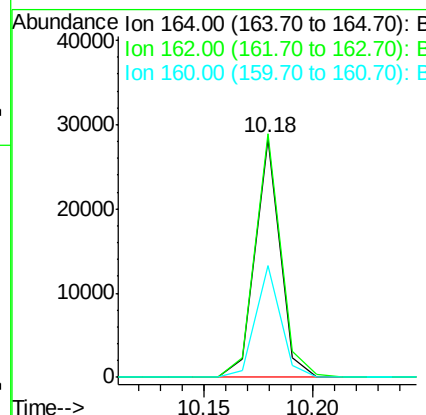
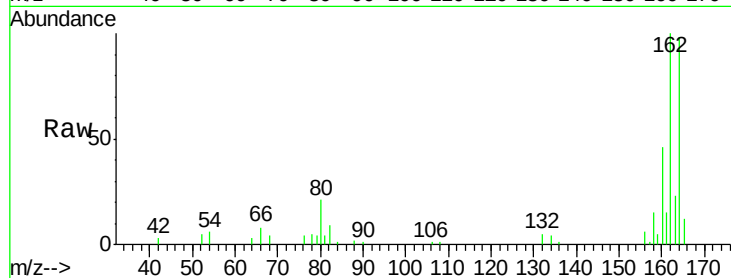




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF080454.D
Acq: 14 Jul 2015 8:04

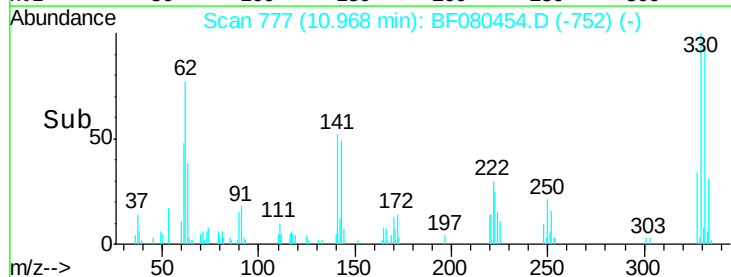
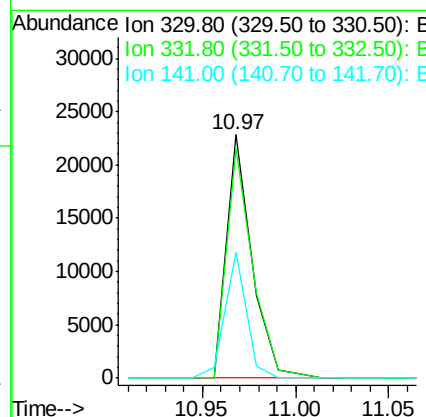
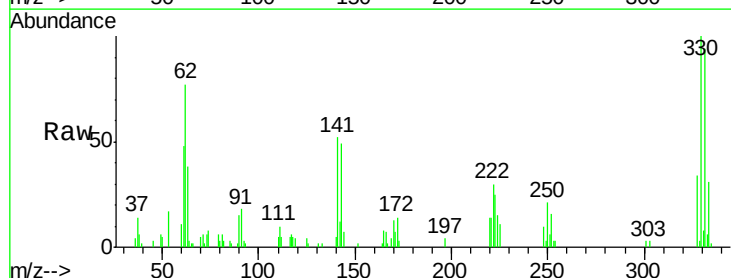
Instrument :
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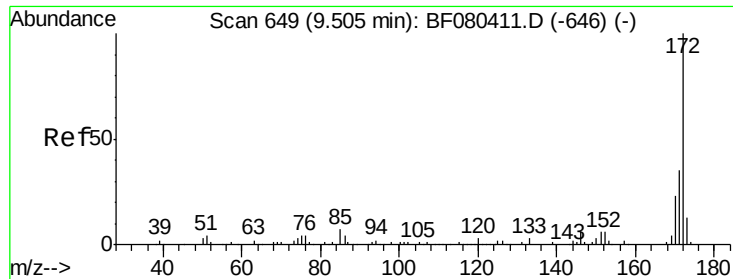
Tgt Ion:164 Resp: 22499
Ion Ratio Lower Upper
164 100
162 101.9 82.7 124.1
160 46.6 35.5 53.3



#41
2,4,6-Tribromophenol
Concen: 98.98 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF080454.D
Acq: 14 Jul 2015 8:04

Tgt Ion:330 Resp: 21735
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 44.1 28.6 43.0#

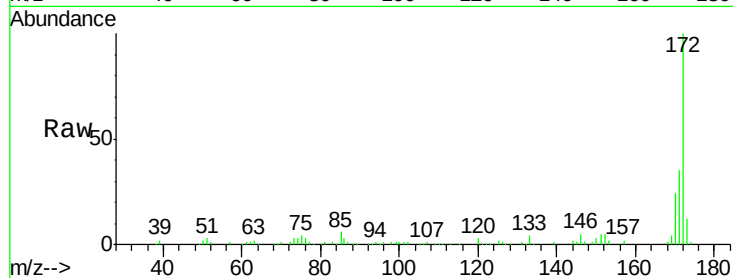




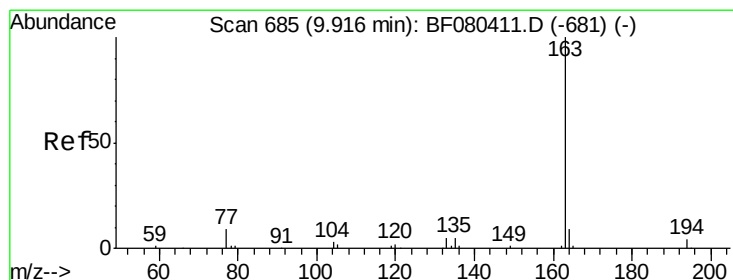
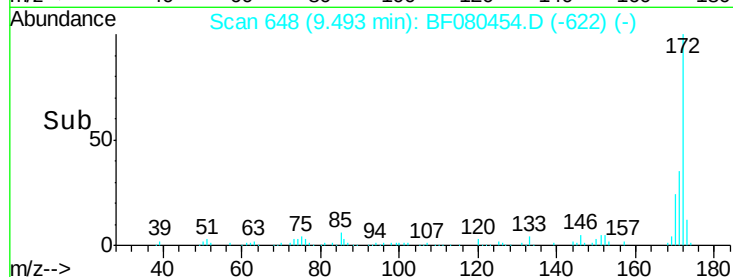
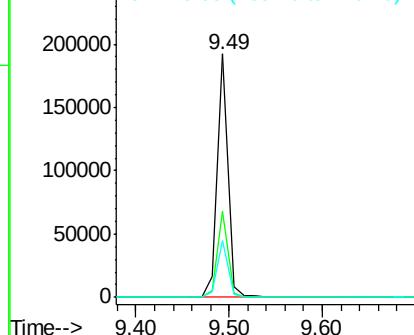
#44
2-Fluorobiphenyl
Concen: 91.06 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF080454.D
Acq: 14 Jul 2015 8:04

Instrument :
BNA_F
ClientSampleId :
DCW-WW-157-71015

Tgt Ion:172 Resp: 152112
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.5 18.6 28.0

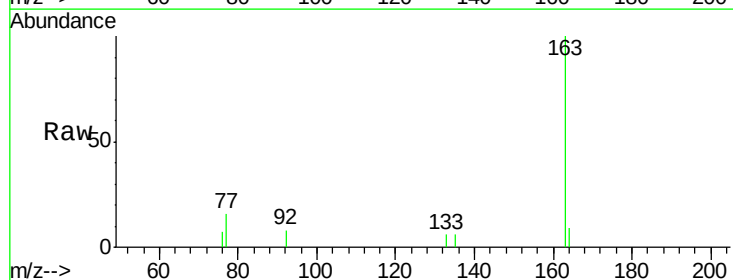


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

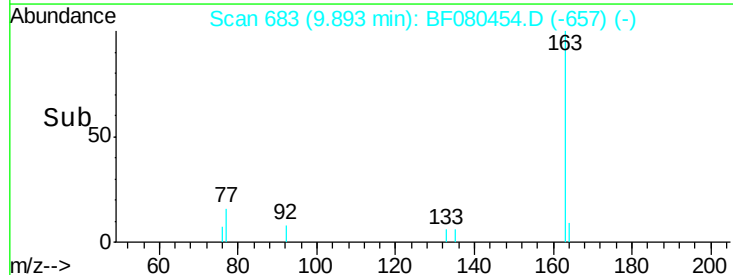
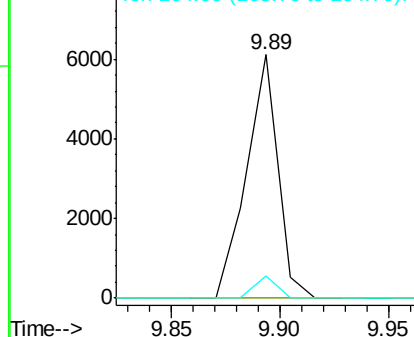


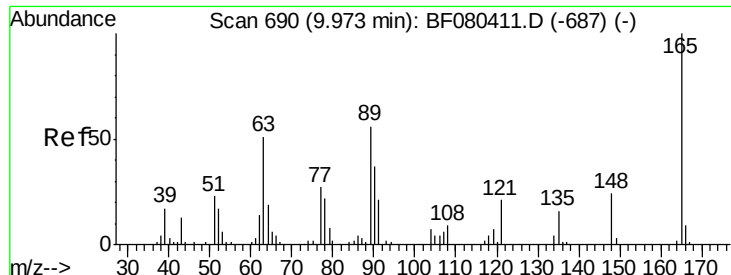
#49
Dimethylphthalate
Concen: 3.59 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080454.D
Acq: 14 Jul 2015 8:04

Tgt Ion:163 Resp: 6109
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 9.0 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

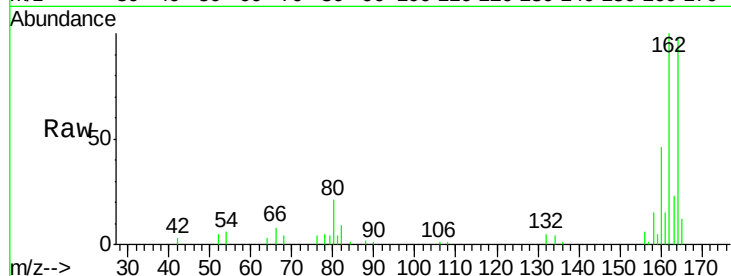




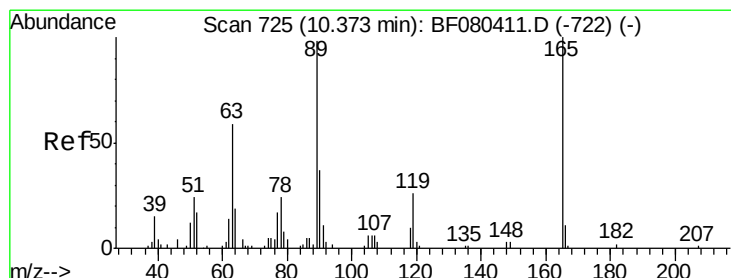
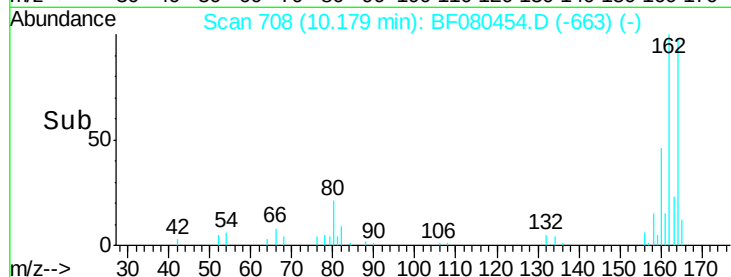
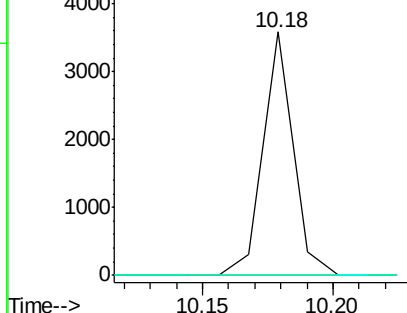
#50
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.22 min
Lab File: BF080454.D
Acq: 14 Jul 2015 8:04

Instrument :
BNA_F
ClientSampleId :
DCW-WW-157-71015

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.5	66.7#
89	0.0	44.5	66.7#

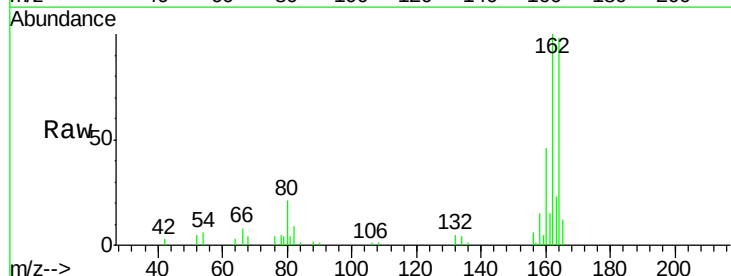


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

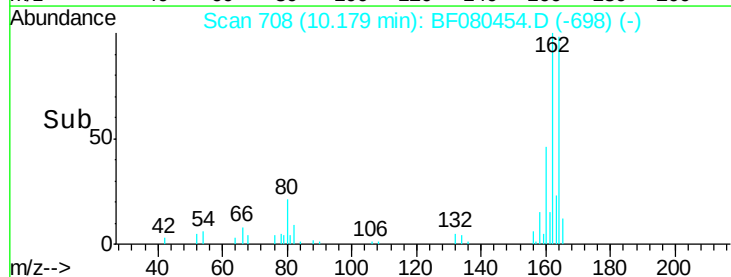
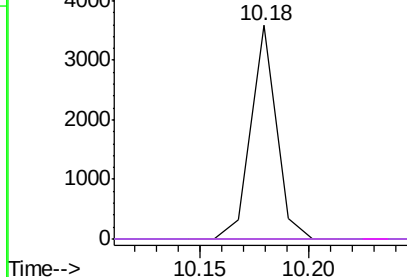


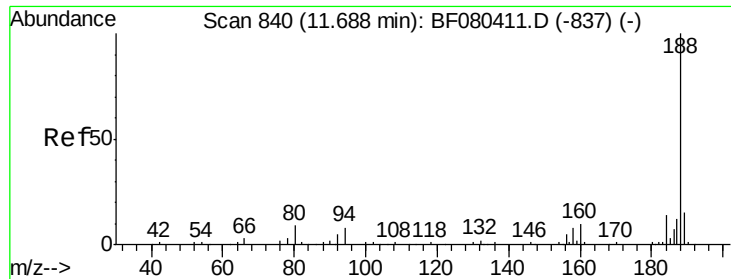
#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.18 min
Lab File: BF080454.D
Acq: 14 Jul 2015 8:04

Tgt 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#



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

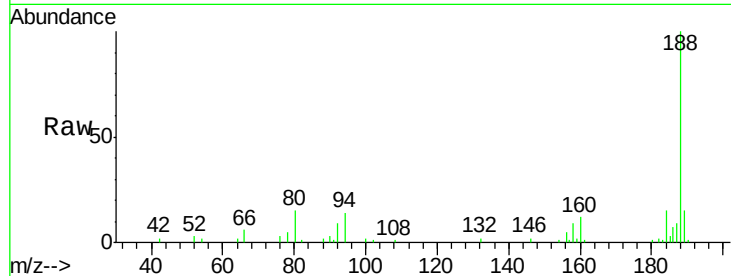




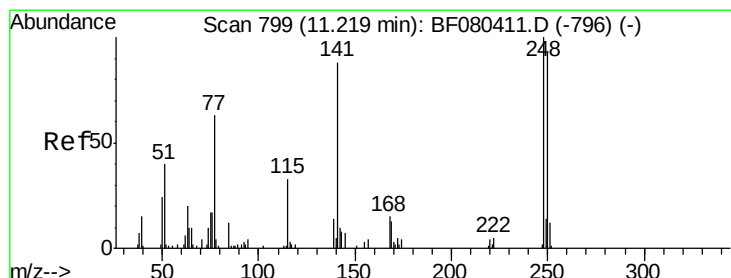
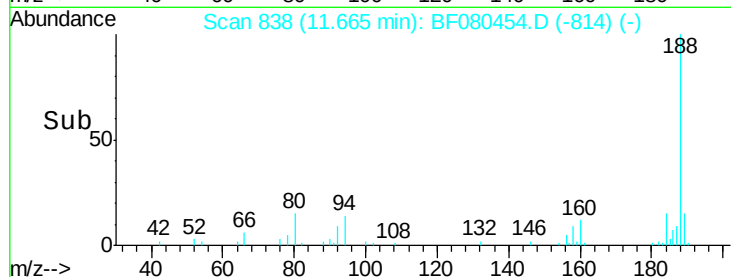
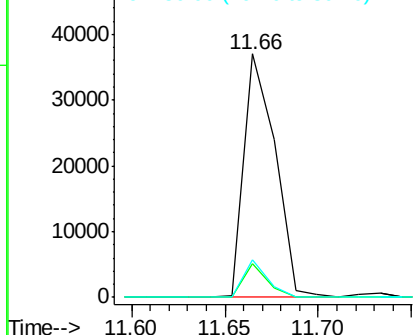
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF080454.D
 Acq: 14 Jul 2015 8:04

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-157-71015

Tgt Ion:188 Resp: 43070
 Ion Ratio Lower Upper
 188 100
 94 13.6 6.7 10.1#
 80 15.4 7.5 11.3#

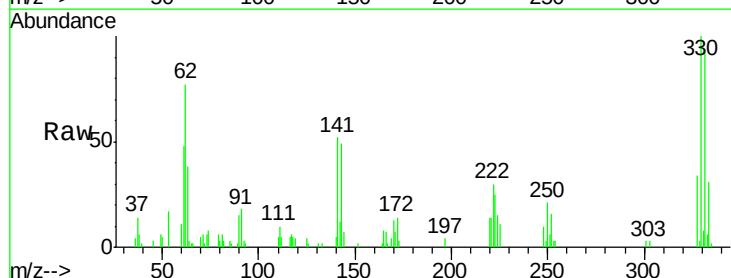


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

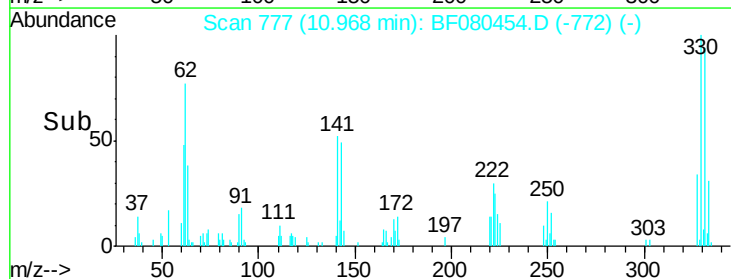
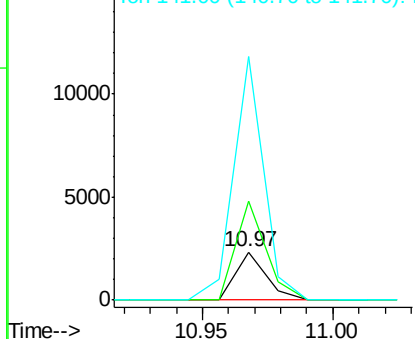


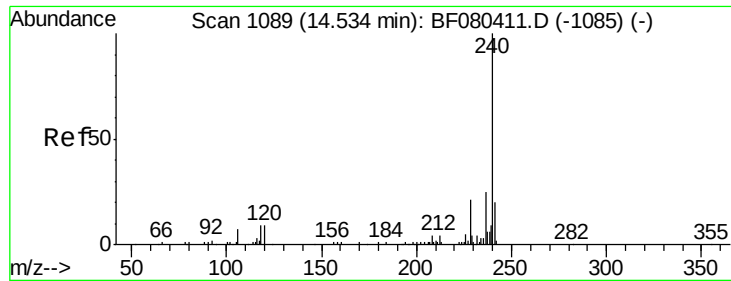
#66
 4-Bromophenyl-phenylether
 Concen: 4.15 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.24 min
 Lab File: BF080454.D
 Acq: 14 Jul 2015 8:04

Tgt Ion:248 Resp: 1903
 Ion Ratio Lower Upper
 248 100
 250 205.6 74.2 111.4#
 141 505.0 70.7 106.1#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.18 min

Lab File: BF080454.D

Acq: 14 Jul 2015 8:04

Instrument :

BNA_F

ClientSampleId :

DCW-WW-157-71015

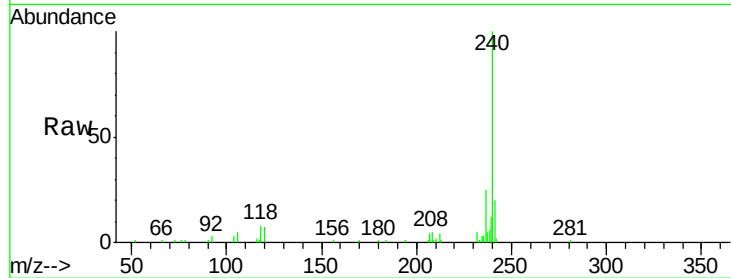
Tgt Ion:240 Resp: 52852

Ion Ratio Lower Upper

240 100

120 7.4 7.4 11.2#

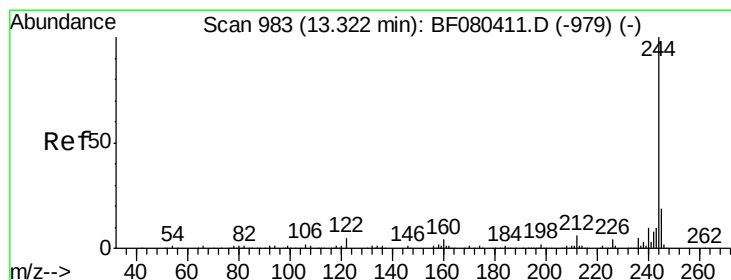
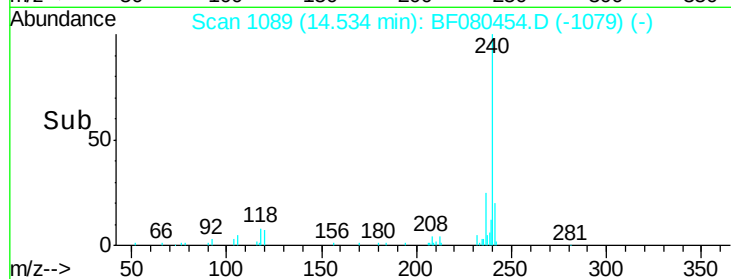
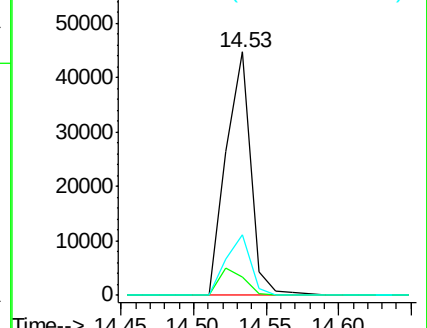
236 25.1 19.7 29.5



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: 74.00 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.09 min

Lab File: BF080454.D

Acq: 14 Jul 2015 8:04

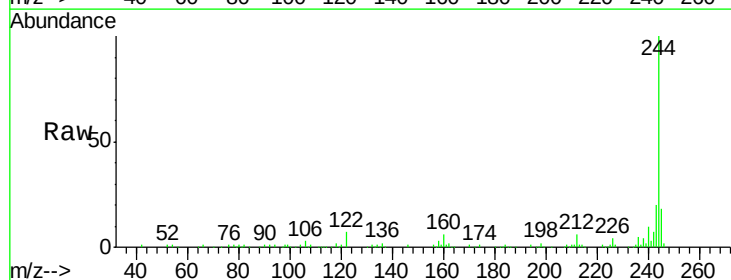
Tgt Ion:244 Resp: 180075

Ion Ratio Lower Upper

244 100

212 6.4 4.9 7.3

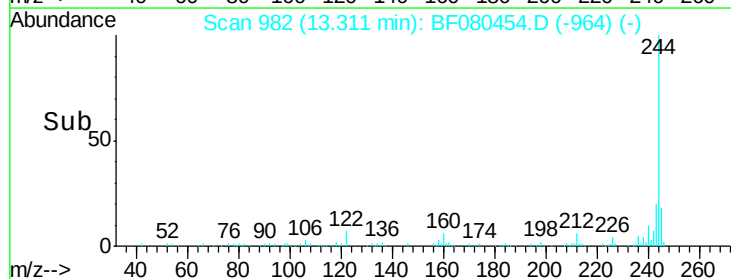
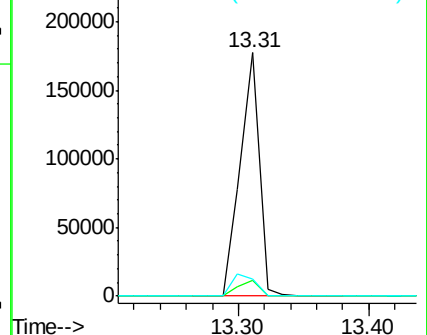
122 7.1 4.1 6.1#

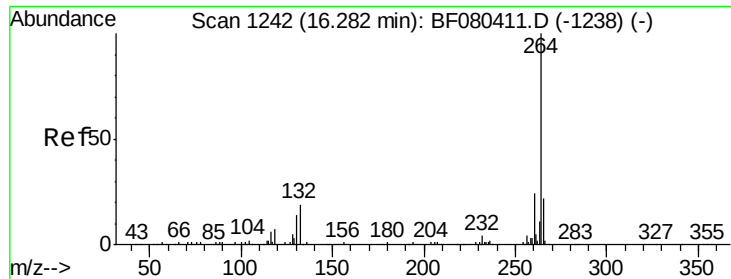


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

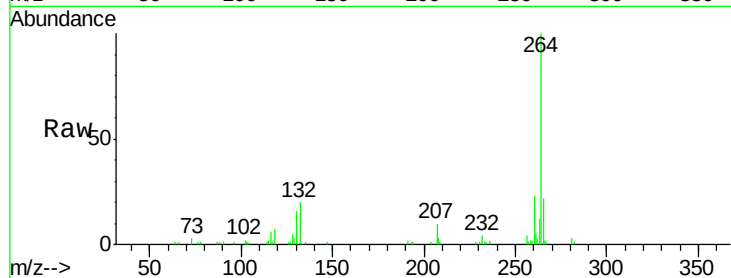




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 1242
Delta R.T. -0.31 min
Lab File: BF080454.D
Acq: 14 Jul 2015 8:04

Instrument :
BNA_F
ClientSampleId :
DCW-WW-157-71015

Tgt Ion: 264 Resp: 69047
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.2
265 21.7 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

