

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
 Data File : BF080484.D
 Acq On : 15 Jul 2015 11:04
 Operator : TP/UM
 Sample : G2958-02RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jul 15 15:57:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 15 03:58:42 2015
 Response via : Initial Calibration

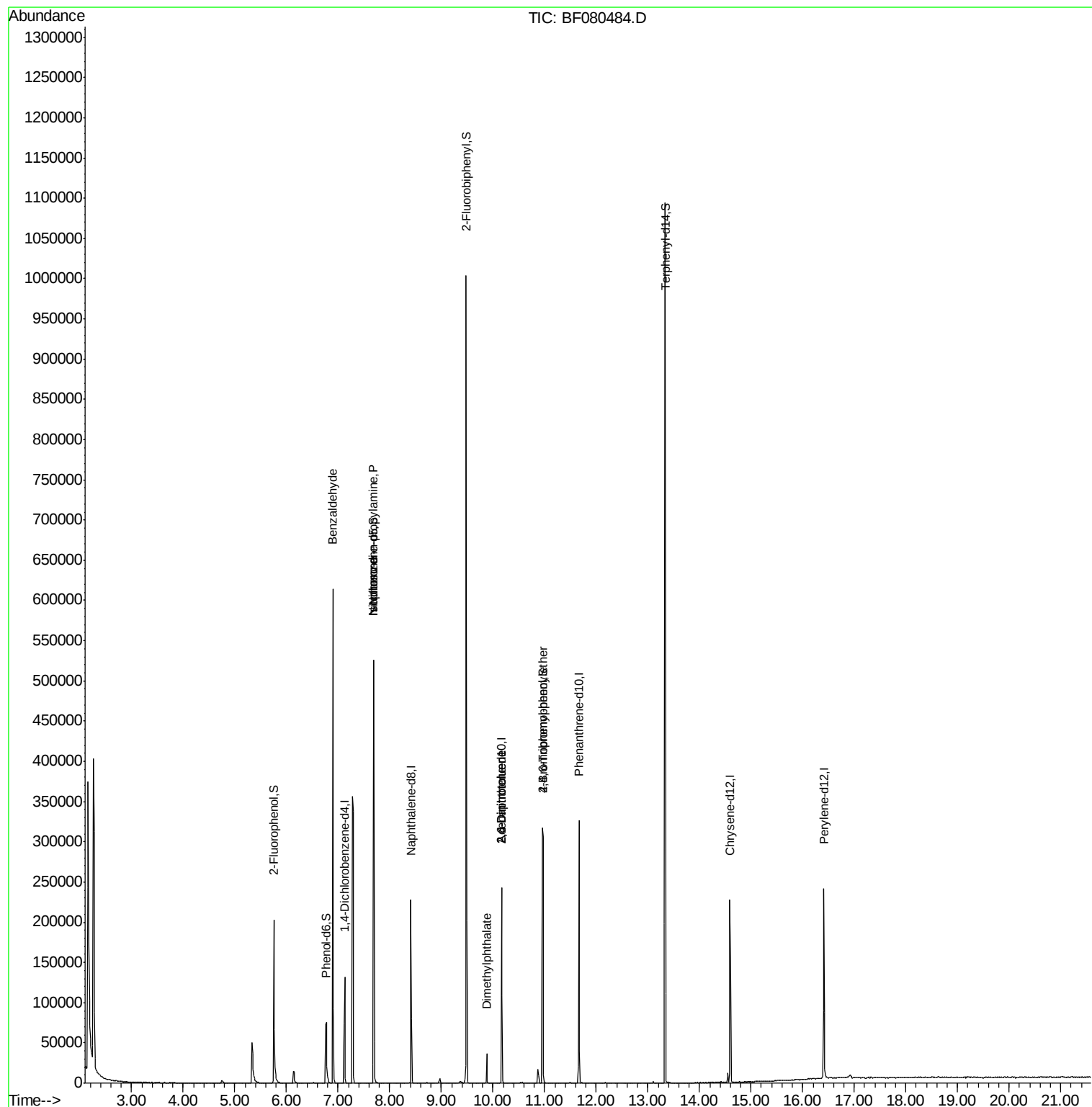
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	24335	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	104058	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	52151	20.00	ng	-0.01
63) Phenanthrene-d10	11.66	188	110170	20.00	ng	0.00
75) Chrysene-d12	14.59	240	108424	20.00	ng	0.11
86) Perylene-d12	16.41	264	110975	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	64209	43.13	ng	0.00
7) Phenol-d6	6.77	99	45907	25.20	ng	0.00
23) Nitrobenzene-d5	7.69	82	146245	76.94	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	48792	98.98	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	285050	74.89	ng	0.00
78) Terphenyl-d14	13.33	244	339253	75.42	ng	0.06
Target Compounds						
9) Benzaldehyde	6.90	77	3159	2.84	ng	# 74
19) n-Nitroso-di-n-propylamine	7.69	70	18783	15.22	ng	# 81
25) Isophorone	7.69	82	146242	41.66	ng	# 71
49) Dimethylphthalate	9.88	163	15448	3.74	ng	# 98
50) 2,6-Dinitrotoluene	10.17	165	6553	7.38	ng	# 20
56) 2,4-Dinitrotoluene	10.17	165	6554	6.51	ng	# 38
66) 4-Bromophenyl-phenylether	10.97	248	3373	3.07	ng	# 1

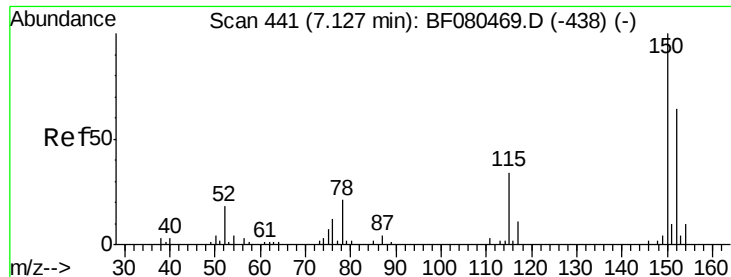
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF080484.D

Acq: 15 Jul 2015 11:04

Instrument :

BNA_F

ClientSampleId :

DCW-WW-157-71015

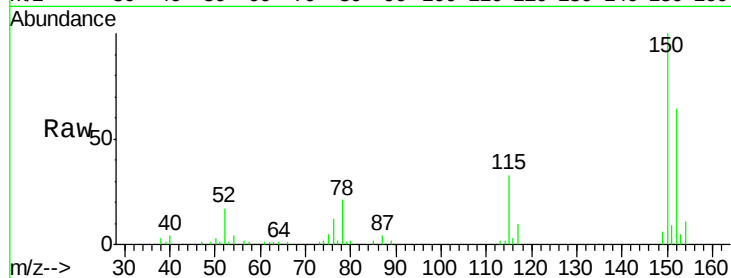
Tgt Ion:152 Resp: 24335

Ion Ratio Lower Upper

152 100

150 156.1 125.5 188.3

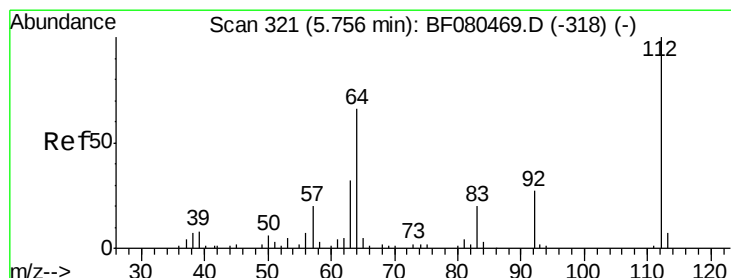
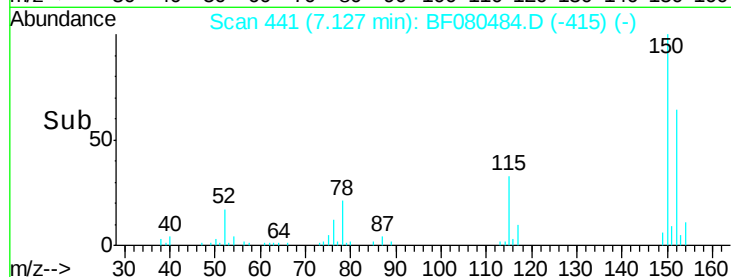
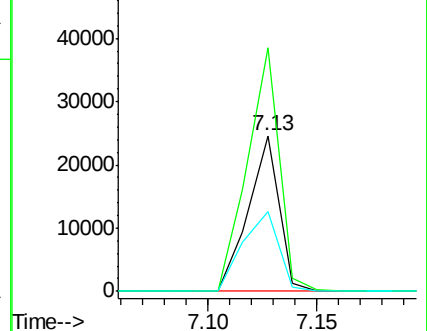
115 51.0 42.9 64.3



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: 43.13 ng

RT: 5.76 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF080484.D

Acq: 15 Jul 2015 11:04

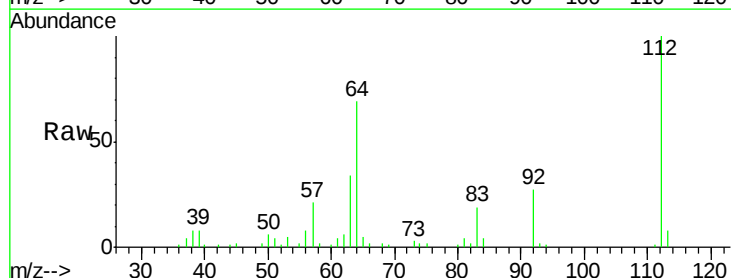
Tgt Ion:112 Resp: 64209

Ion Ratio Lower Upper

112 100

64 69.2 52.6 79.0

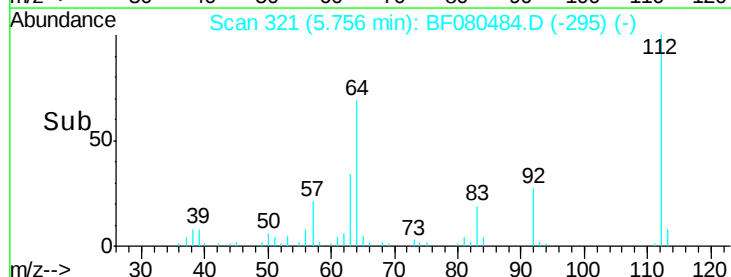
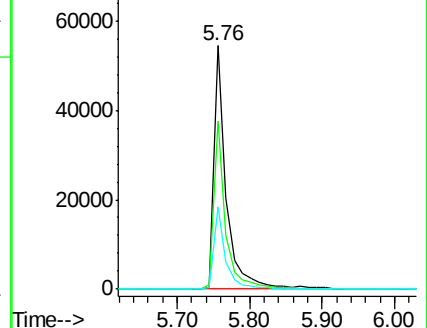
63 33.8 25.9 38.9

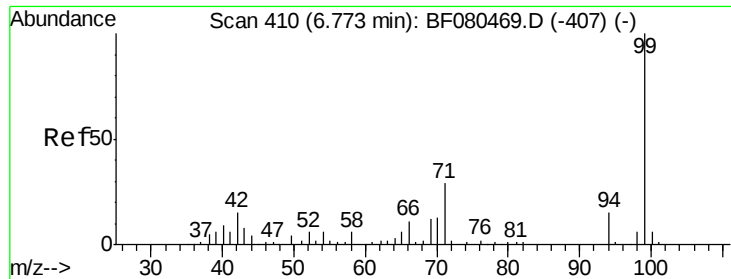


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.20 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF080484.D

Acq: 15 Jul 2015 11:04

Instrument :

BNA_F

ClientSampleId :

DCW-WW-157-71015

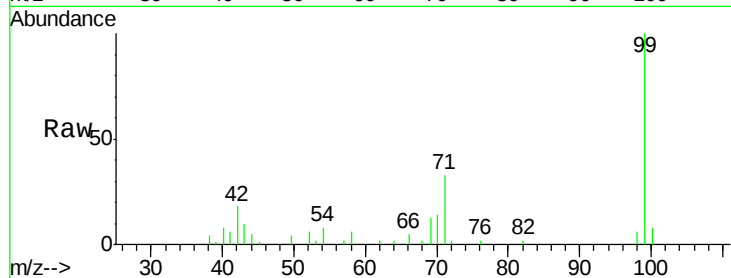
Tgt Ion: 99 Resp: 45907

Ion Ratio Lower Upper

99 100

42 18.2 12.4 18.6

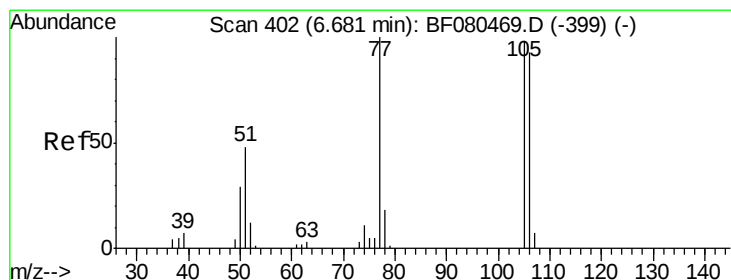
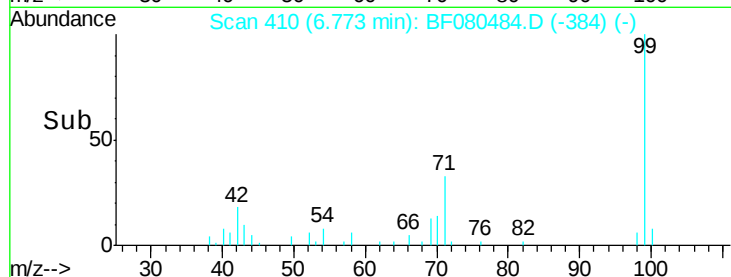
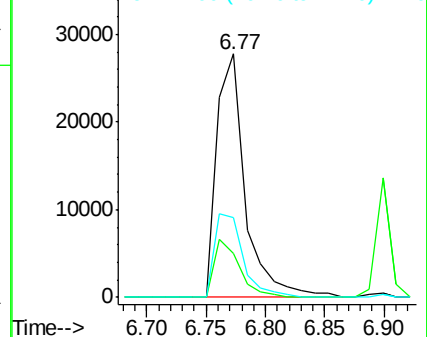
71 32.6 22.9 34.3



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: 2.84 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.22 min

Lab File: BF080484.D

Acq: 15 Jul 2015 11:04

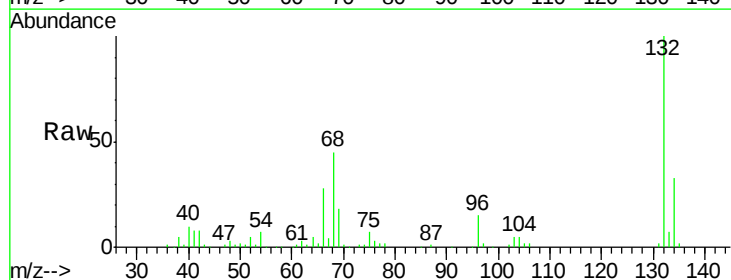
Tgt Ion: 77 Resp: 3159

Ion Ratio Lower Upper

77 100

105 75.3 77.7 117.7#

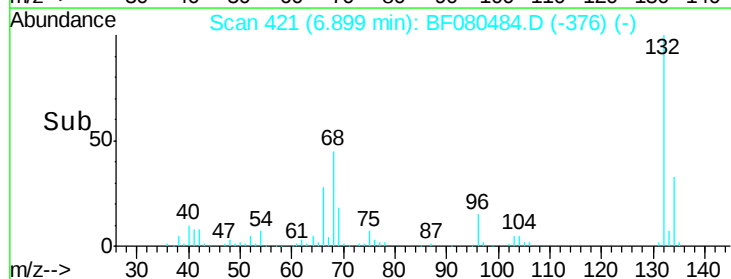
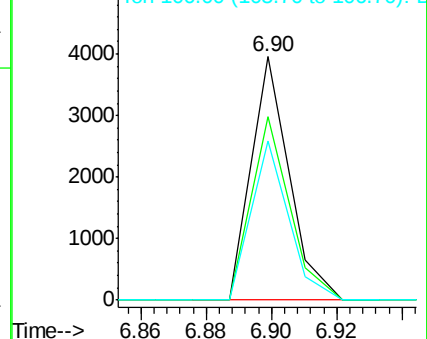
106 65.2 72.6 112.6#

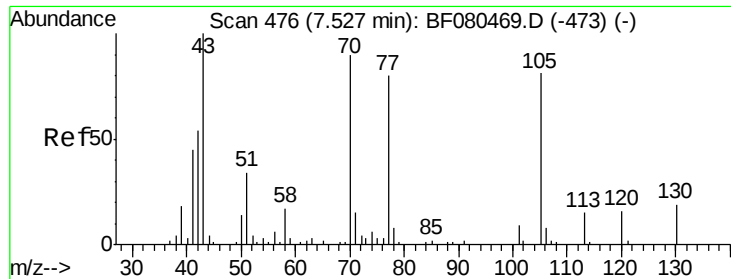


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

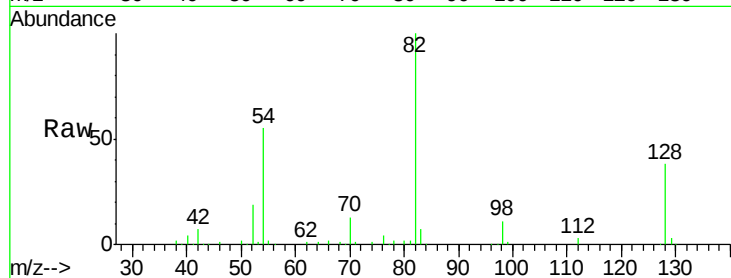




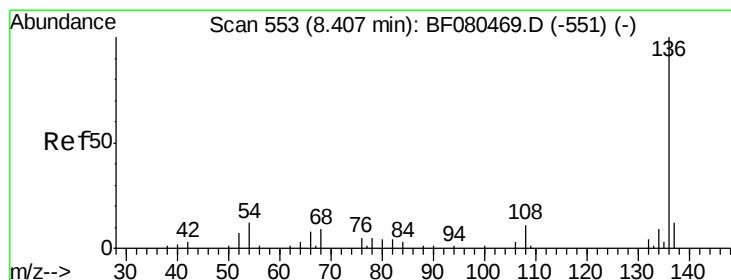
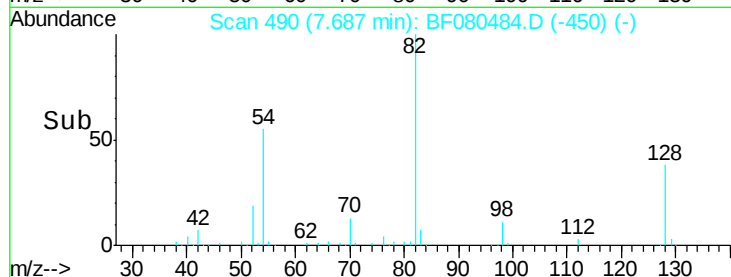
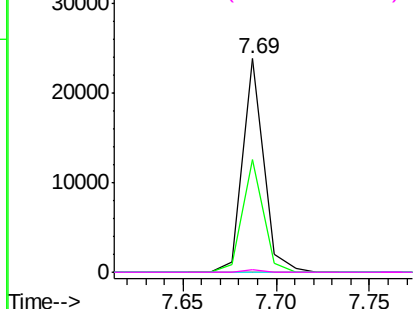
#19
n-Nitroso-di-n-propylamine
Concen: 15.22 ng
RT: 7.69 min Scan# 490
Delta R.T. 0.16 min
Lab File: BF080484.D
Acq: 15 Jul 2015 11:04

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

Tgt Ion: 70 Resp: 18783
Ion Ratio Lower Upper
70 100
42 52.9 48.0 72.0
101 0.0 7.8 11.6#
130 1.5 16.7 25.1#

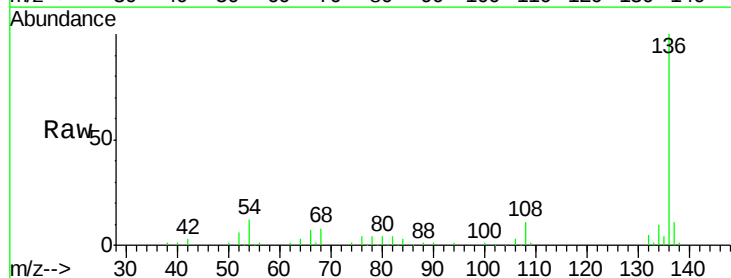


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

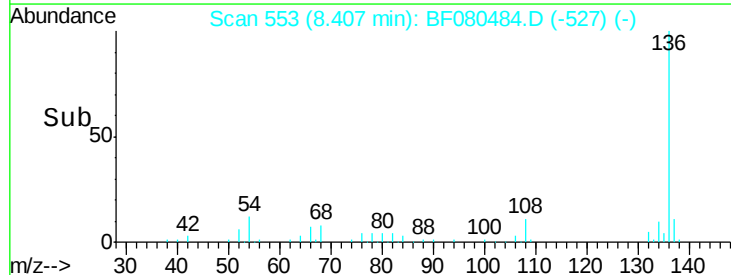
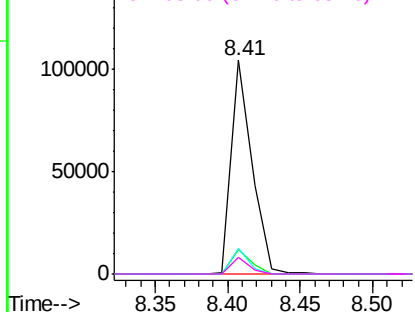


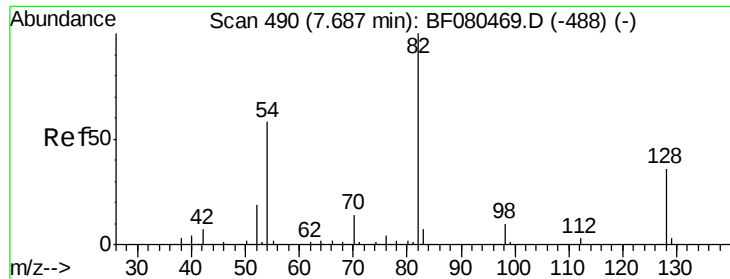
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF080484.D
Acq: 15 Jul 2015 11:04

Tgt Ion: 136 Resp: 104058
Ion Ratio Lower Upper
136 100
137 11.4 9.5 14.3
54 12.1 9.8 14.8
68 7.7 7.0 10.4



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

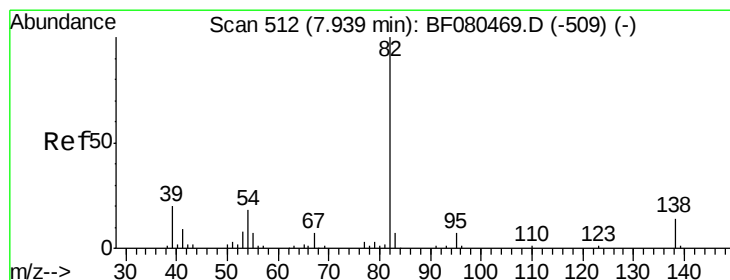
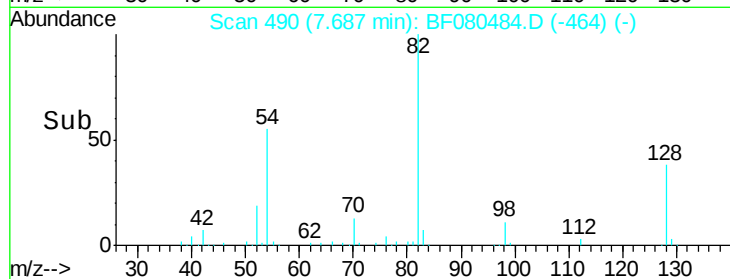
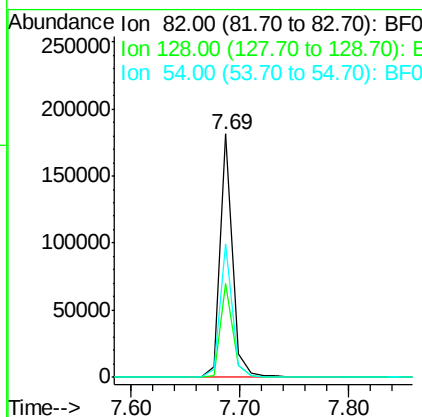
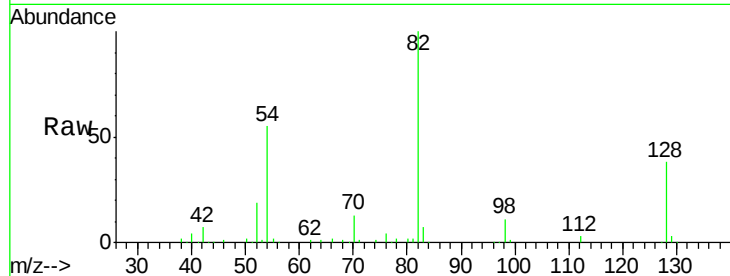




#23
 Nitrobenzene-d5
 Concen: 76.94 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF080484.D
 Acq: 15 Jul 2015 11:04

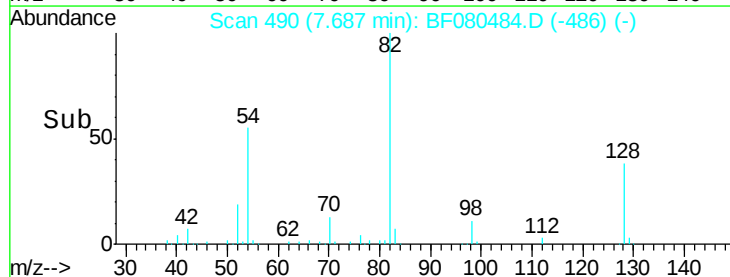
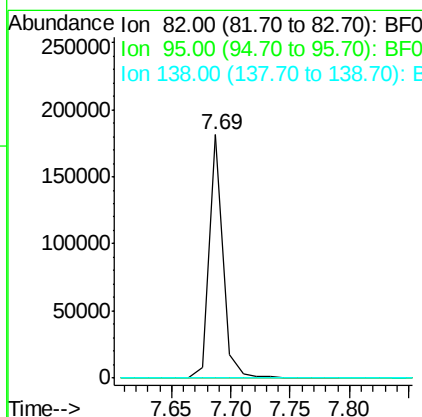
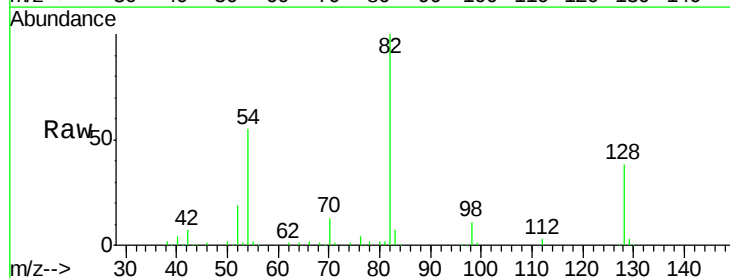
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-157-71015

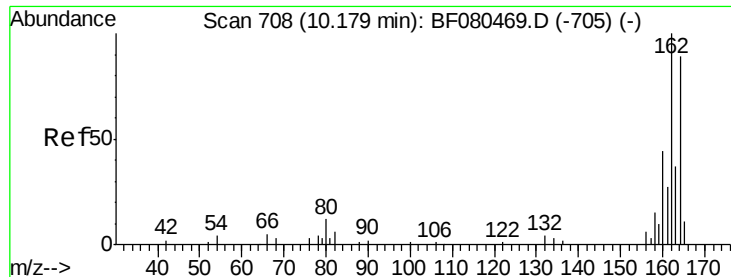
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.0	43.4
54	55.0	46.4	69.6



#25
 Isophorone
 Concen: 41.66 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.25 min
 Lab File: BF080484.D
 Acq: 15 Jul 2015 11:04

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	10.8	16.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF080484.D

Acq: 15 Jul 2015 11:04

Instrument :

BNA_F

ClientSampleId :

DCW-WW-157-71015

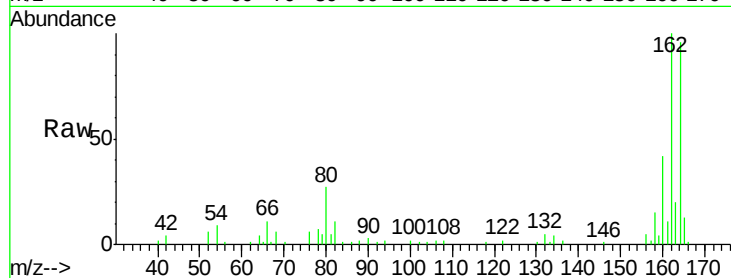
Tgt Ion:164 Resp: 52151

Ion Ratio Lower Upper

164 100

162 104.0 89.8 134.8

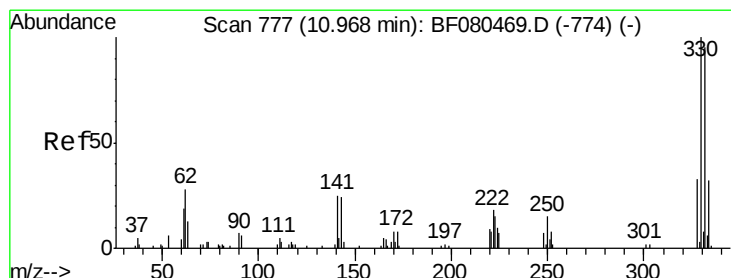
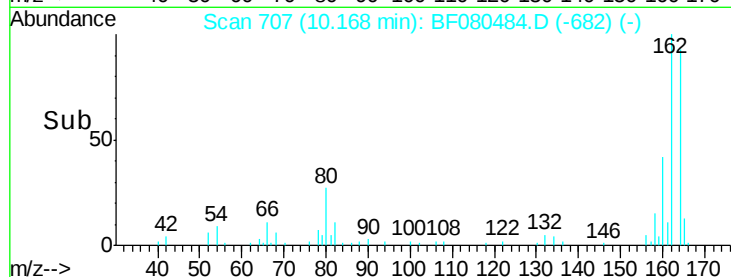
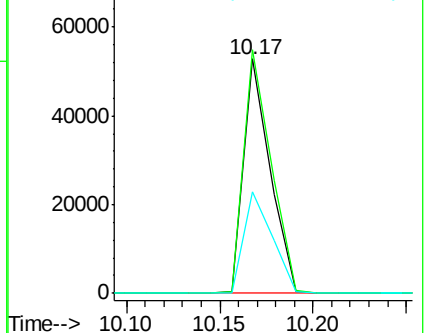
160 43.3 39.5 59.3



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: 98.98 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF080484.D

Acq: 15 Jul 2015 11:04

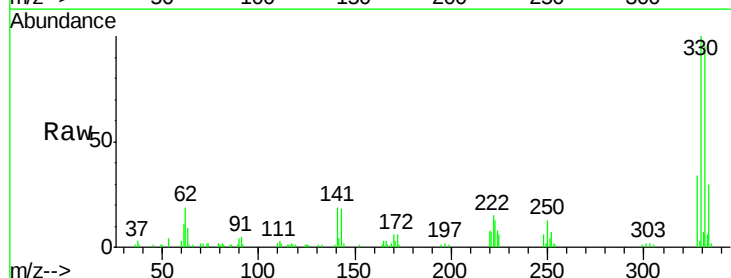
Tgt Ion:330 Resp: 48792

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

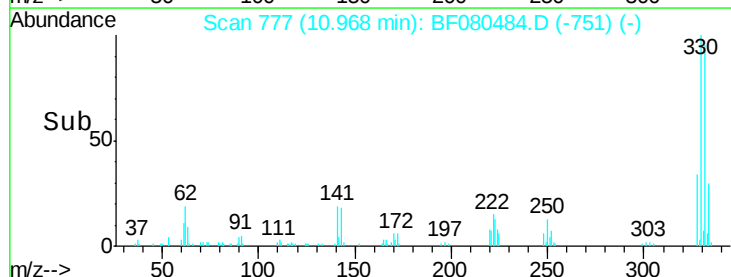
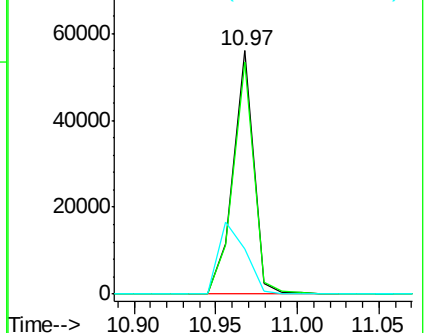
141 39.0 29.8 44.6

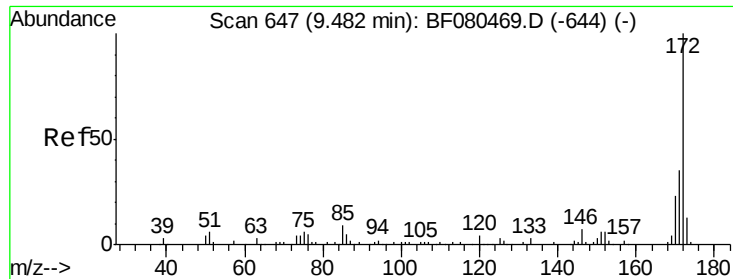


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

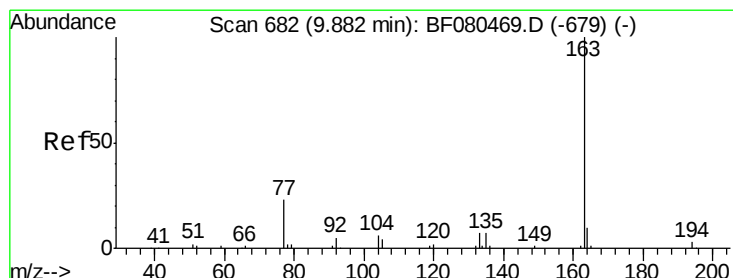
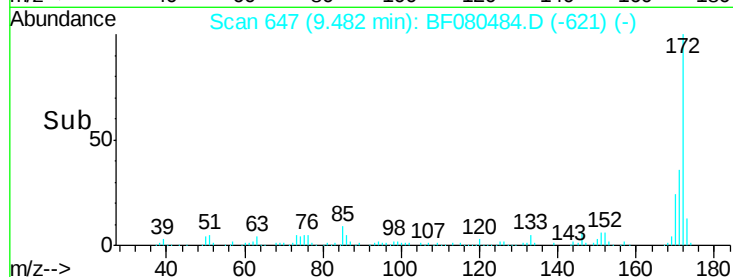
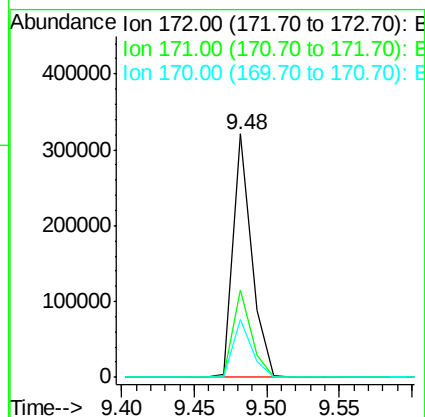
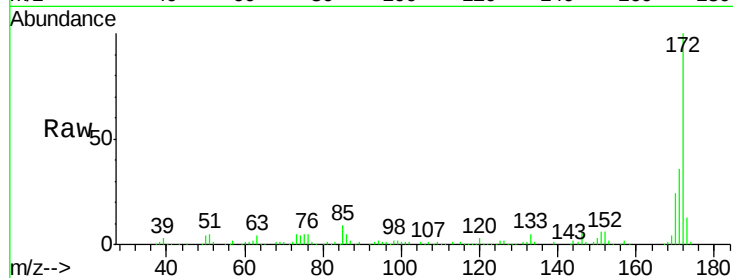




#44
2-Fluorobiphenyl
Concen: 74.89 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF080484.D
Acq: 15 Jul 2015 11:04

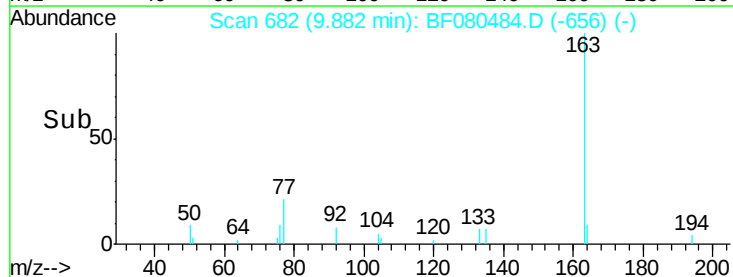
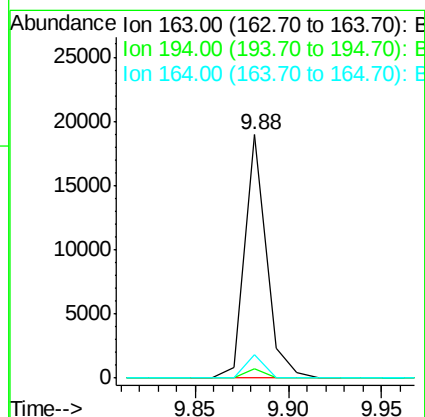
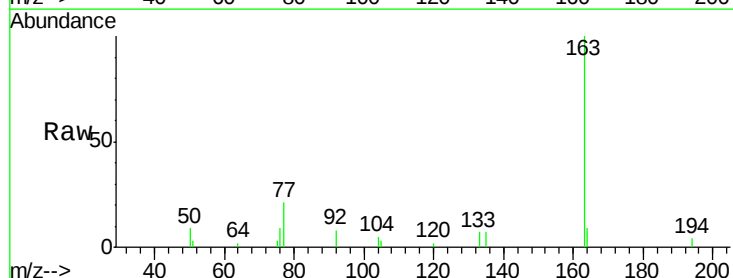
Instrument :
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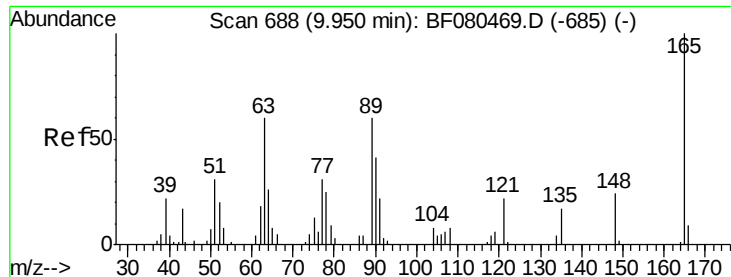
Tgt Ion:172 Resp: 285050
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.6 18.5 27.7



#49
Dimethylphthalate
Concen: 3.74 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF080484.D
Acq: 15 Jul 2015 11:04

Tgt Ion:163 Resp: 15448
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 9.5 8.1 12.1

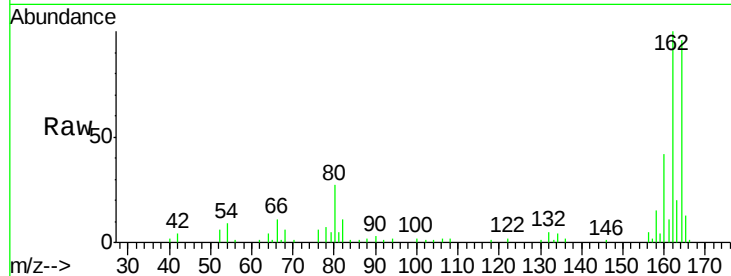




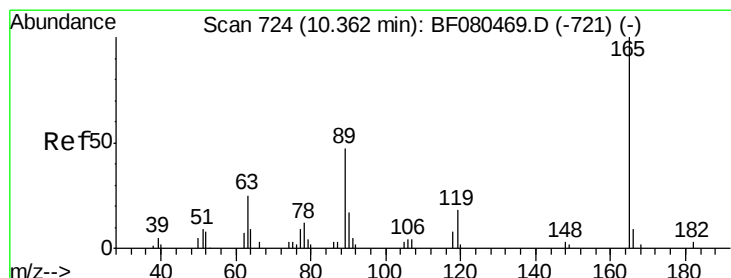
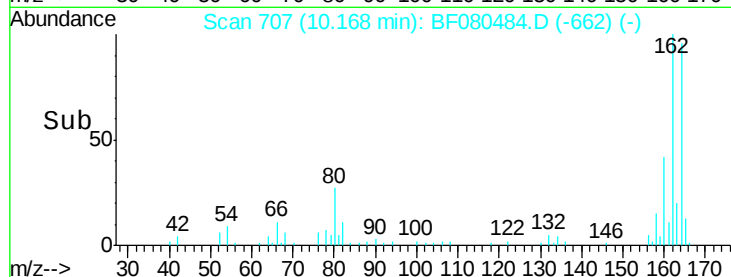
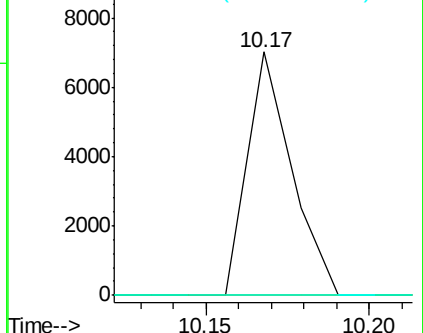
#50
 2,6-Dinitrotoluene
 Concen: 7.38 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.22 min
 Lab File: BF080484.D
 Acq: 15 Jul 2015 11:04

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

Tgt Ion:165 Resp: 6553
 Ion Ratio Lower Upper
 165 100
 63 0.0 49.6 74.4#
 89 0.0 47.6 71.4#



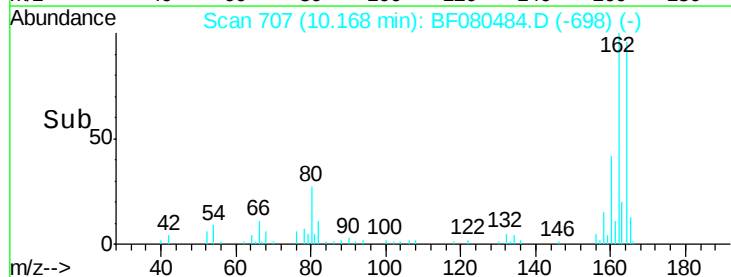
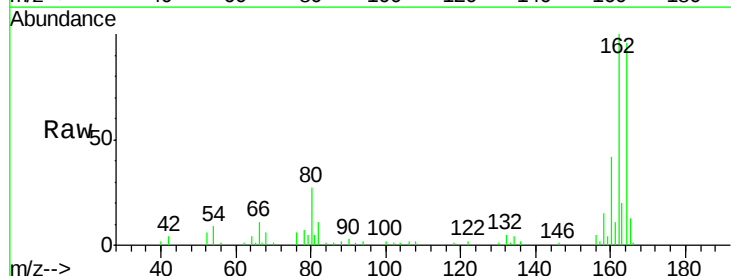
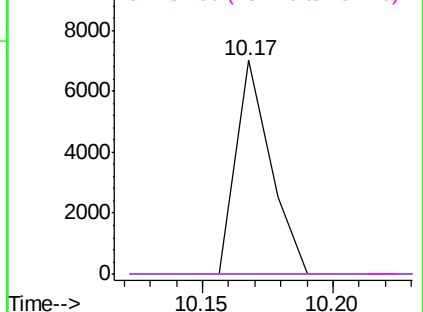
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

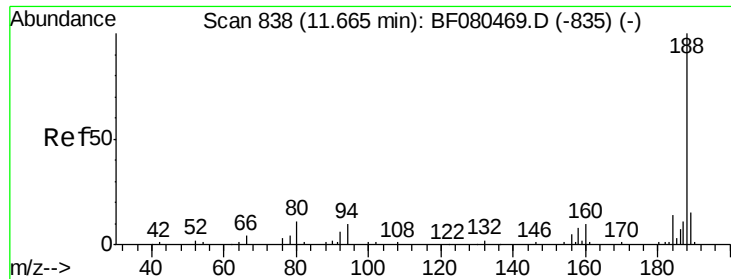


#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.19 min
 Lab File: BF080484.D
 Acq: 15 Jul 2015 11:04

Tgt Ion:165 Resp: 6554
 Ion Ratio Lower Upper
 165 100
 63 0.0 21.7 32.5#
 89 0.0 37.4 56.2#
 182 0.0 2.2 3.2#

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

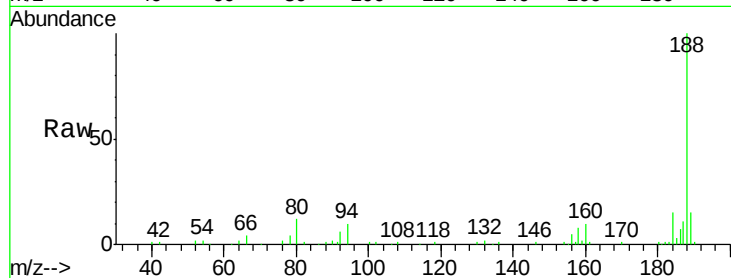




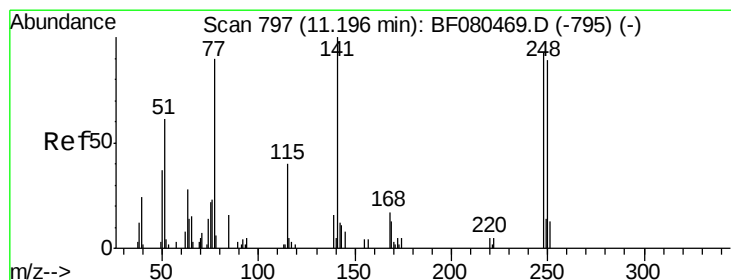
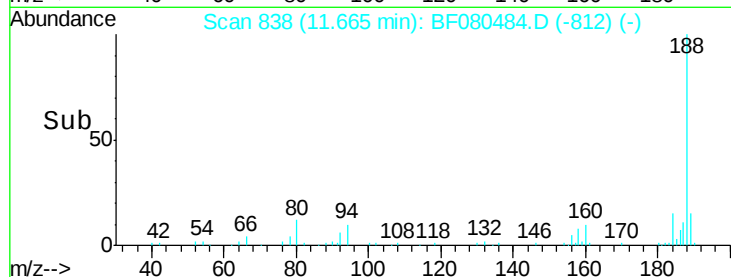
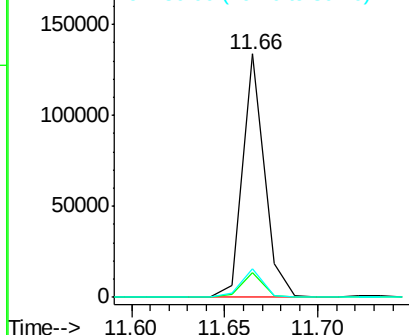
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.66 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF080484.D
Acq: 15 Jul 2015 11:04

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

Tgt Ion:188 Resp: 110170
Ion Ratio Lower Upper
188 100
94 10.1 7.7 11.5
80 11.9 8.8 13.2

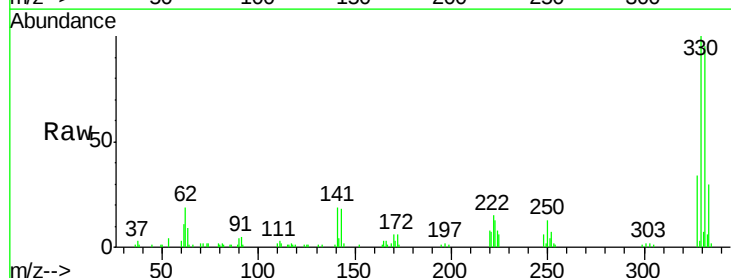


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

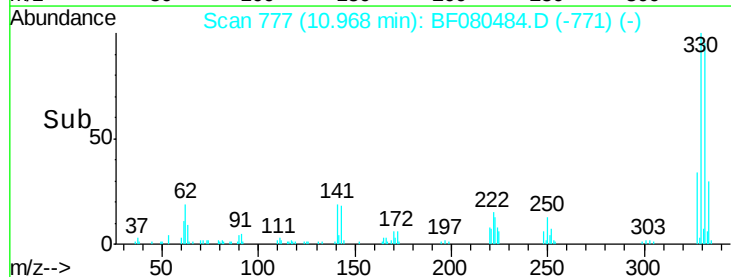
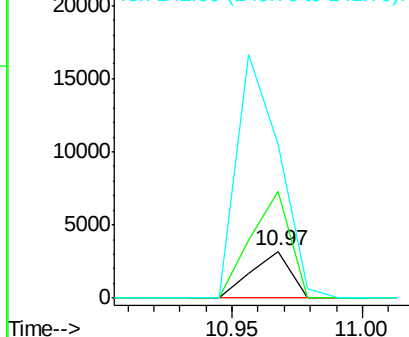


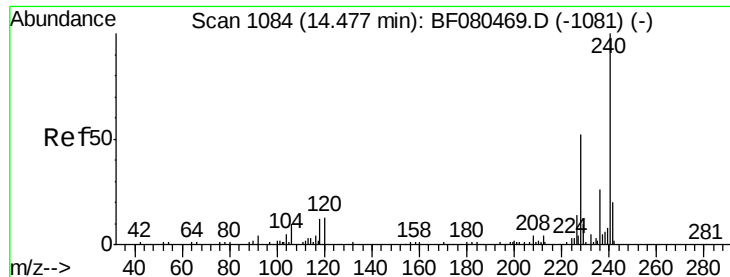
#66
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.23 min
Lab File: BF080484.D
Acq: 15 Jul 2015 11:04

Tgt Ion:248 Resp: 3373
Ion Ratio Lower Upper
248 100
250 229.9 76.8 115.2#
141 329.4 86.3 129.5#



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: 14.59 min Scan# 1094

Delta R.T. 0.11 min

Lab File: BF080484.D

Acq: 15 Jul 2015 11:04

Instrument :

BNA_F

ClientSampleId :

DCW-WW-157-71015

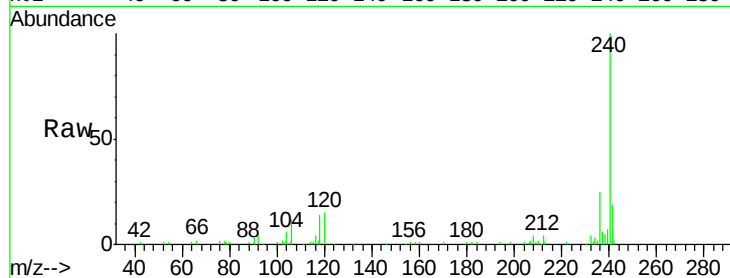
Tgt Ion:240 Resp: 108424

Ion Ratio Lower Upper

240 100

120 14.6 10.2 15.4

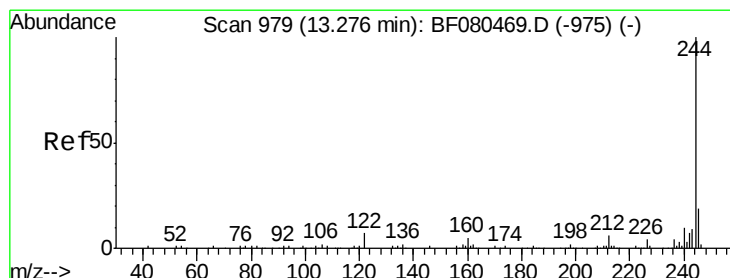
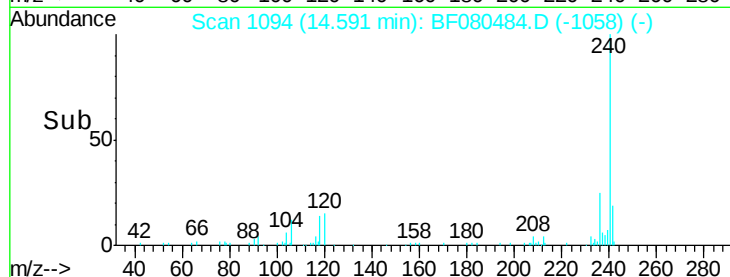
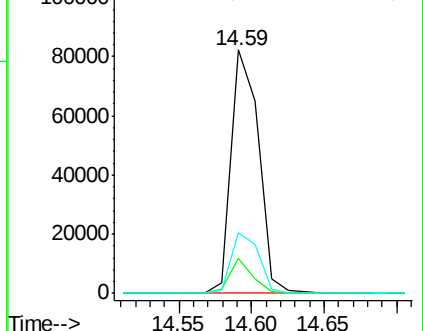
236 25.1 20.6 30.8



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: 75.42 ng

RT: 13.33 min Scan# 984

Delta R.T. 0.06 min

Lab File: BF080484.D

Acq: 15 Jul 2015 11:04

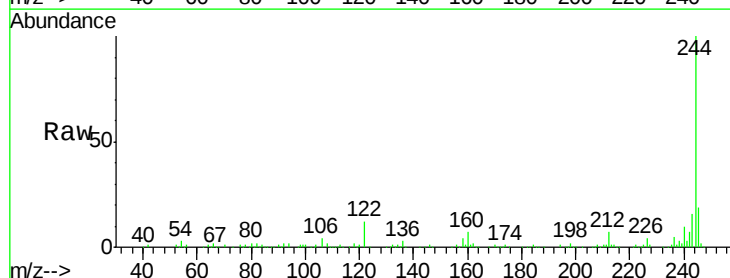
Tgt Ion:244 Resp: 339253

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

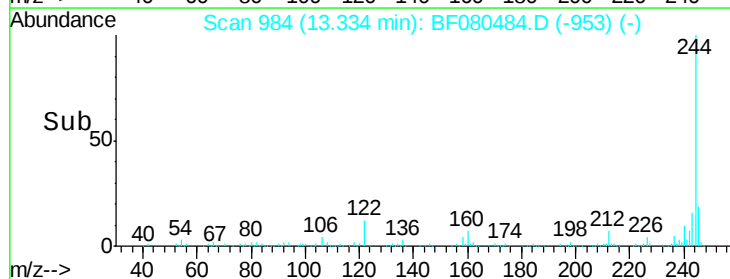
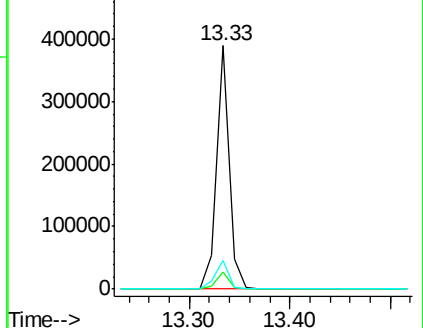
122 11.5 5.2 7.8#

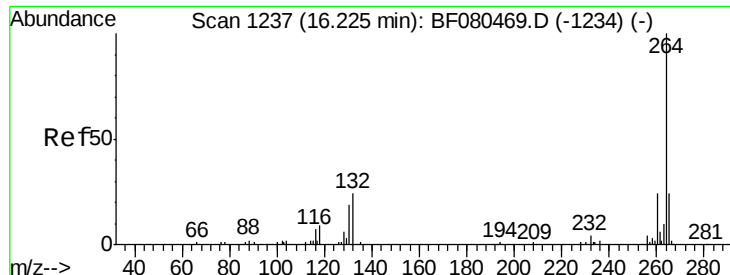


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.41 min Scan# 1253

Delta R.T. 0.18 min

Lab File: BF080484.D

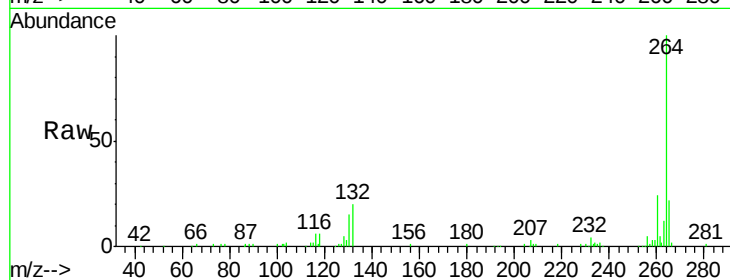
Acq: 15 Jul 2015 11:04

Instrument :

BNA_F

ClientSampleId :

DCW-WW-157-71015



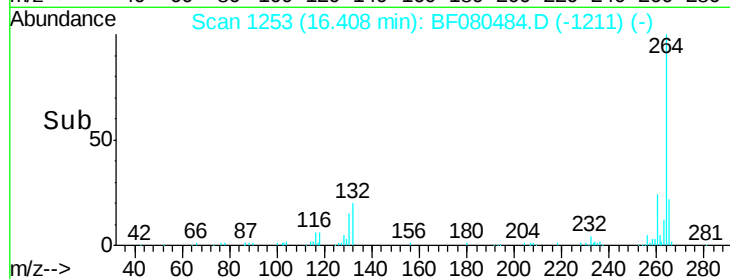
Tgt Ion: 264 Resp: 110975

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 21.7 18.9 28.3



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

