

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080863.D
 Acq On : 5 Aug 2015 5:03
 Operator : TP/UM
 Sample : G3150-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14

Quant Time: Aug 05 05:50:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

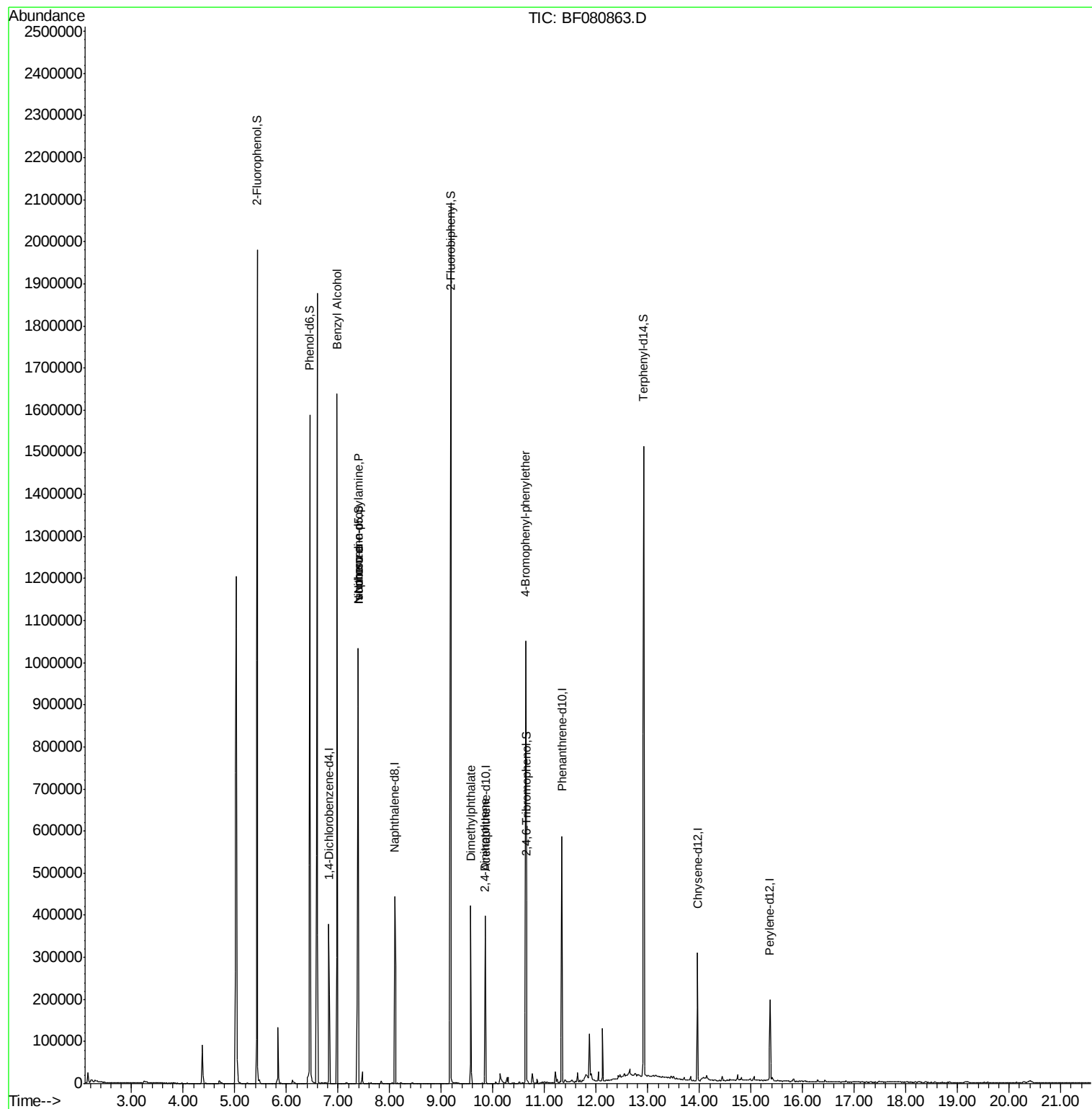
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	64588	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	243609	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	110809	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	198510	20.00	ng	0.00
75) Chrysene-d12	13.96	240	117240	20.00	ng	0.00
86) Perylene-d12	15.37	264	84428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	533518	125.02	ng	0.01
7) Phenol-d6	6.45	99	698276	125.17	ng	0.00
23) Nitrobenzene-d5	7.39	82	489294	94.66	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	138030	129.17	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	763120	92.73	ng	0.00
78) Terphenyl-d14	12.92	244	544388	84.04	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.98	79	7758	2.13	ng	# 52
19) n-Nitroso-di-n-propylamine	7.39	70	64306	17.84	ng	# 70
25) Isophorone	7.39	82	446051	48.70	ng	# 67
49) Dimethylphthalate	9.57	163	145221	17.97	ng	100
56) 2,4-Dinitrotoluene	9.85	165	14263	6.68	ng	# 13
66) 4-Bromophenyl-phenylether	10.64	248	8620	3.92	ng	# 1

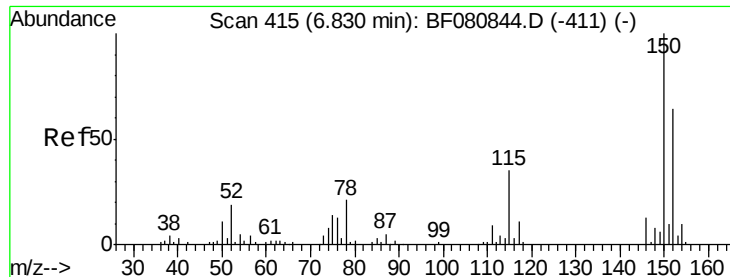
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 01:46:16 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF080863.D

Acq: 5 Aug 2015 5:03

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14

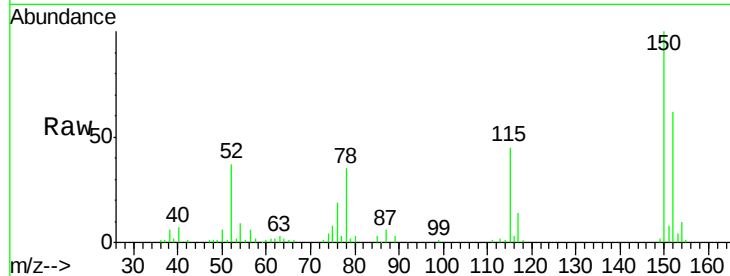
Tot Ion:152 Resp: 64588

Ion Ratio Lower Upper

152 100

150 160.2 124.6 187.0

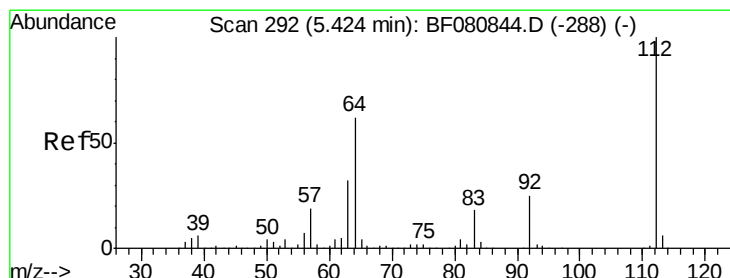
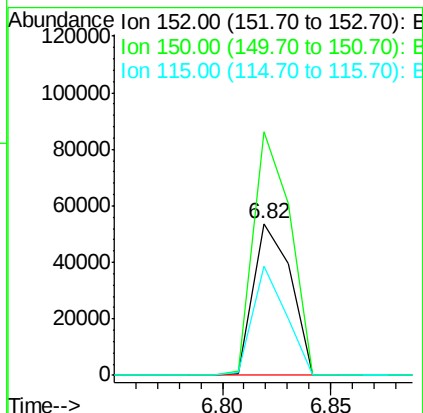
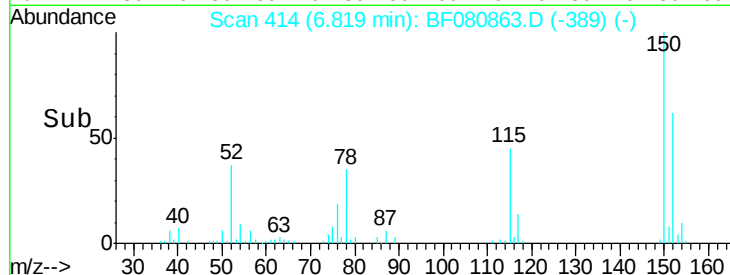
115 71.6 44.2 66.4#



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: 125.02 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080863.D

Acq: 5 Aug 2015 5:03

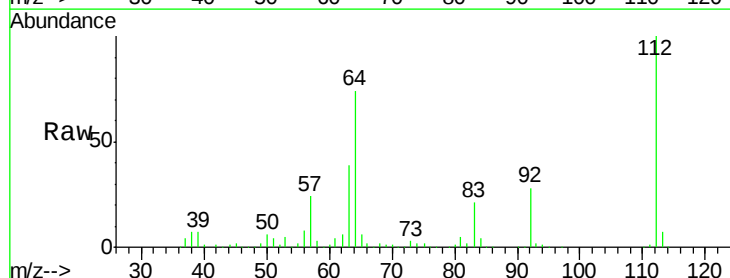
Tgt Ion:112 Resp: 533518

Ion Ratio Lower Upper

112 100

64 74.2 49.5 74.3

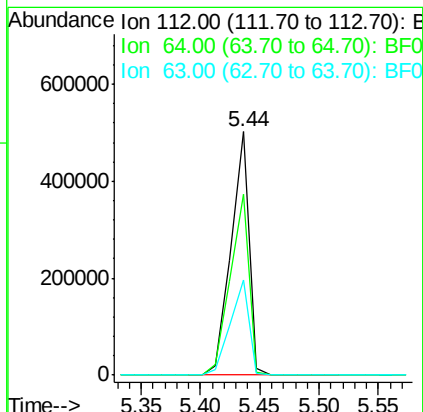
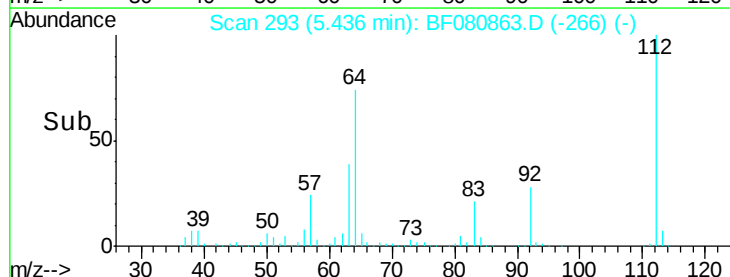
63 38.9 25.3 37.9#

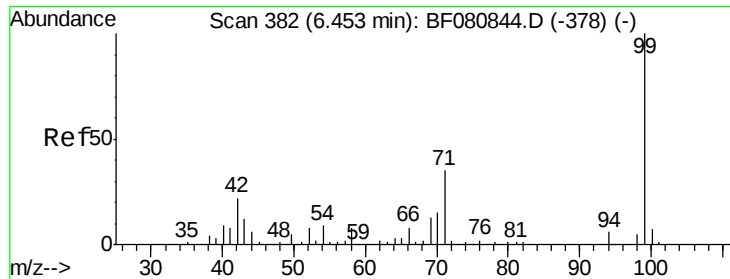


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.17 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF080863.D

Acq: 5 Aug 2015 5:03

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14

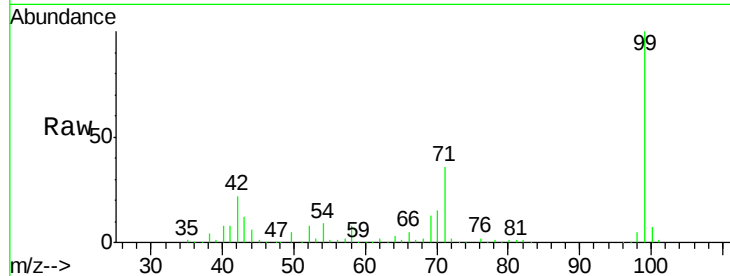
Tot Ion: 99 Resp: 698276

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

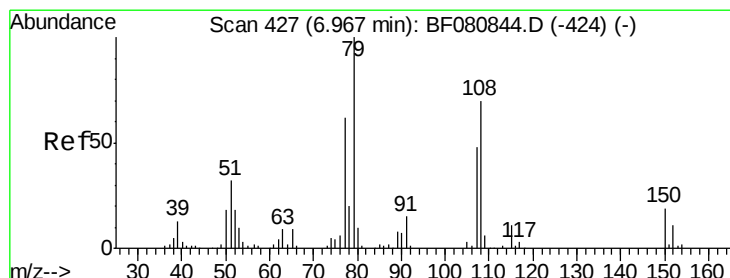
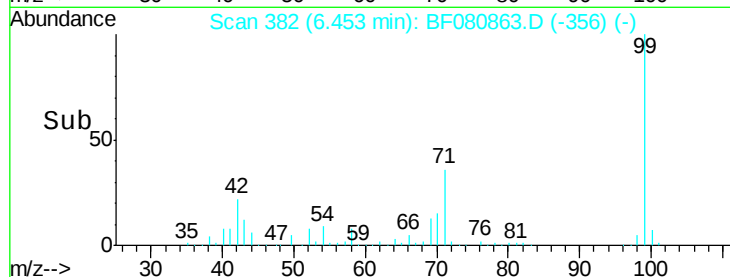
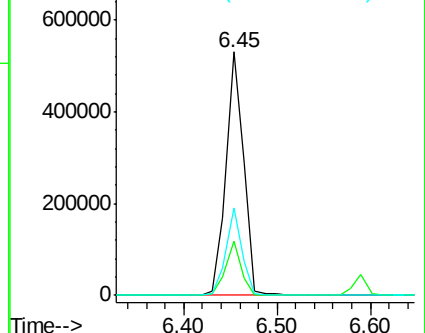
71 36.0 28.2 42.4



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



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF080863.D

Acq: 5 Aug 2015 5:03

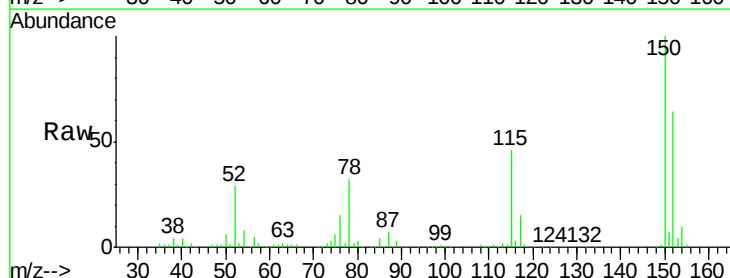
Tgt Ion: 79 Resp: 7758

Ion Ratio Lower Upper

79 100

108 23.7 55.9 83.9#

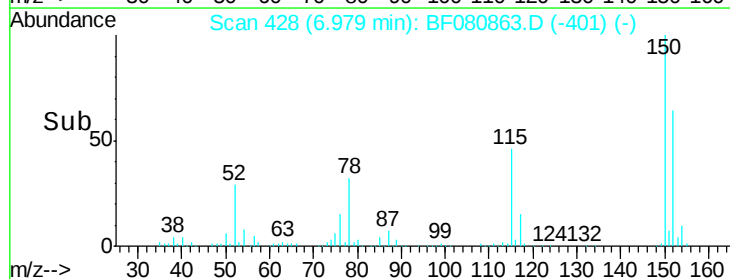
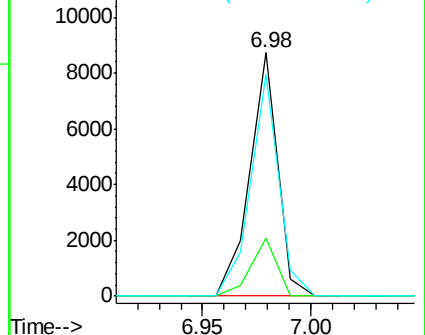
77 91.0 49.4 74.2#

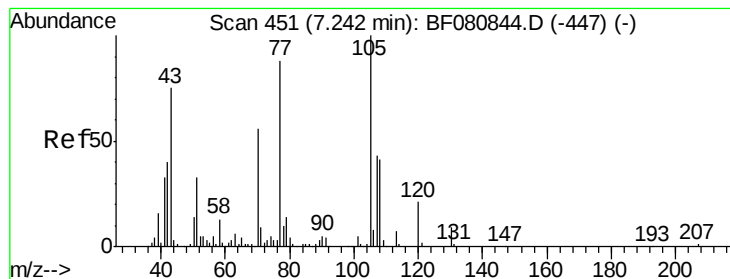


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.84 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF080863.D

Acq: 5 Aug 2015 5:03

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14

Tot Ion: 70 Resp: 64306

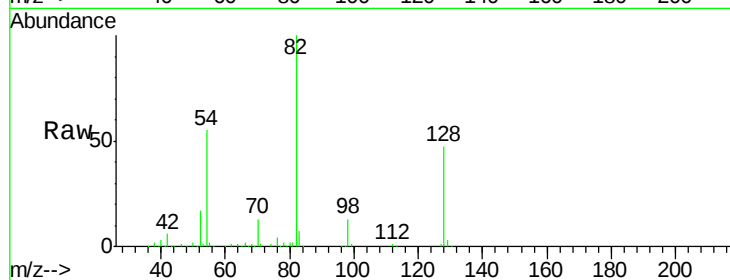
Ion Ratio Lower Upper

70 100

42 47.4 57.8 86.8#

101 0.0 6.7 10.1#

130 2.5 12.6 19.0#

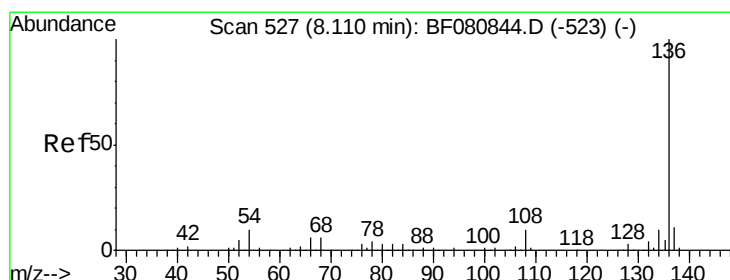
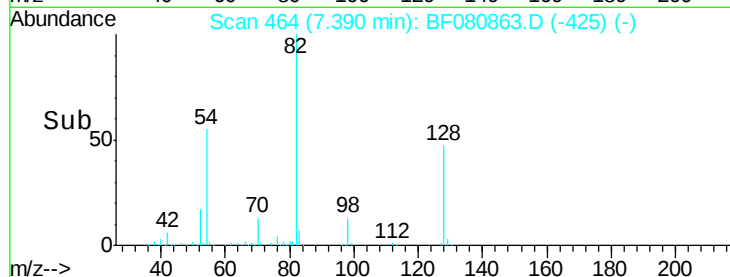
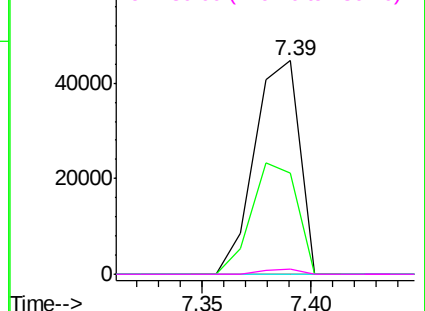


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF080863.D

Acq: 5 Aug 2015 5:03

Tgt Ion: 136 Resp: 243609

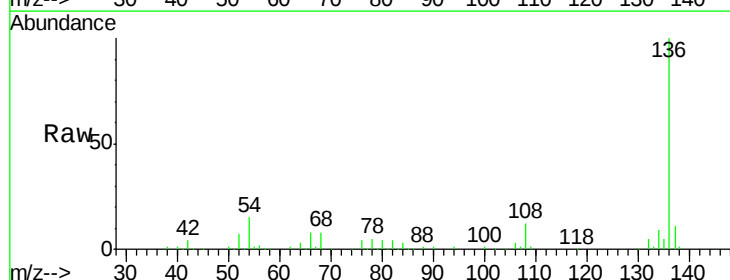
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 14.6 8.3 12.5#

68 7.8 4.8 7.2#

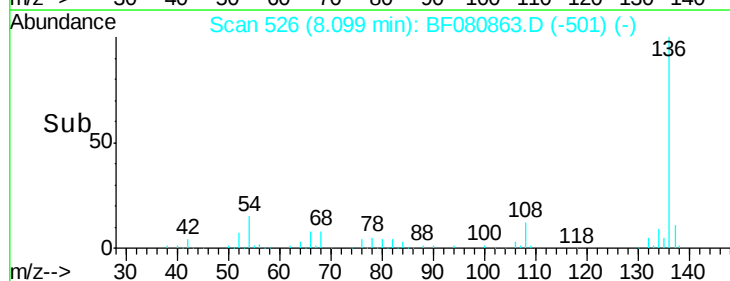
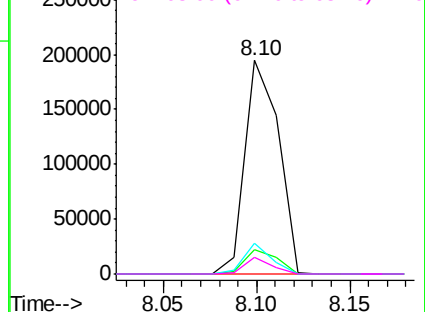


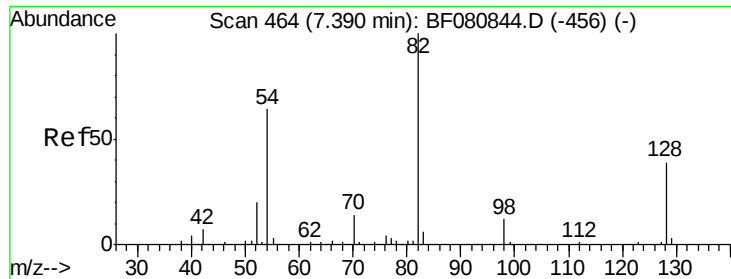
Abundance Ion 136.00 (135.70 to 136.70): E

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

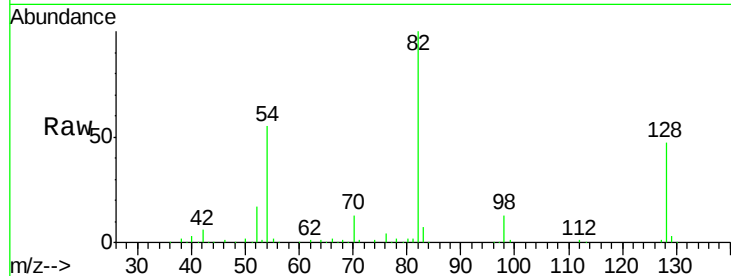




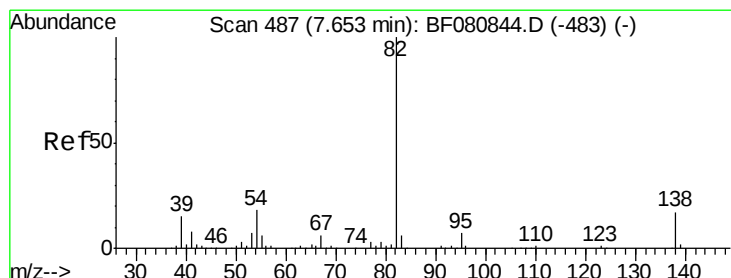
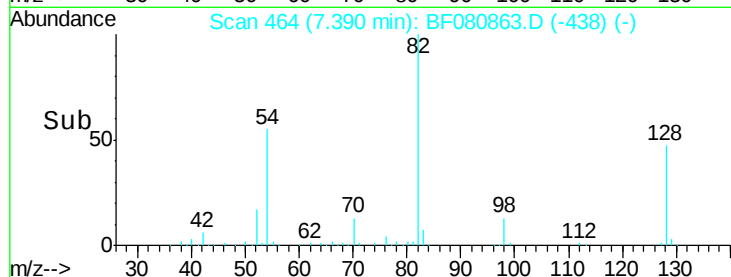
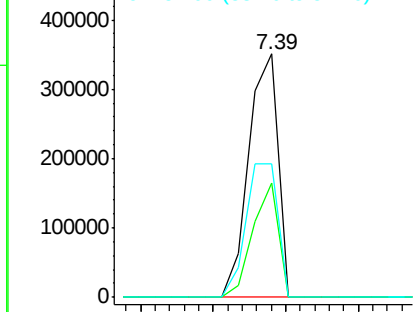
#23
 Nitrobenzene-d5
 Concen: 94.66 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080863.D
 Acq: 5 Aug 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14

Tot Ion	82	Resp	489294
Ion Ratio	Lower	Upper	
82	100		
128	46.9	31.0	46.4#
54	54.6	51.0	76.6

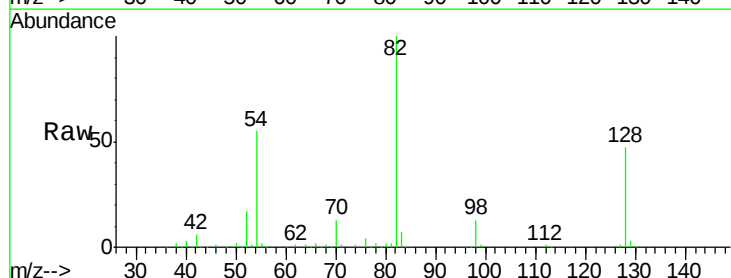


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

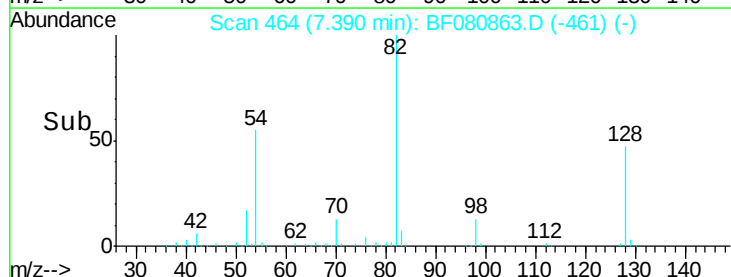
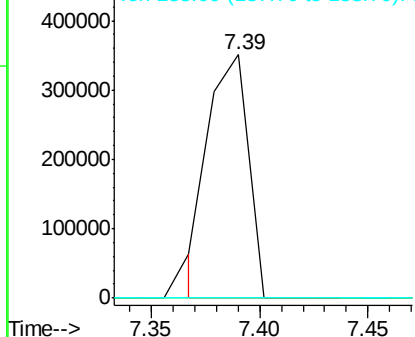


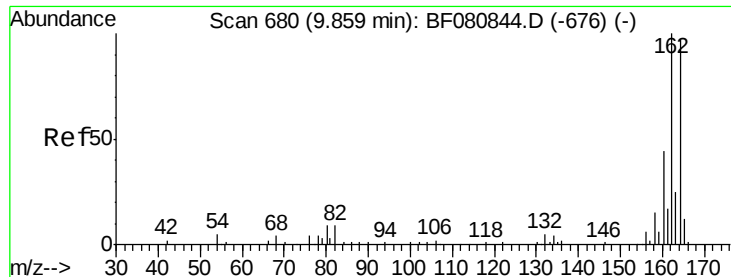
#25
 Isophorone
 Concen: 48.70 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.26 min
 Lab File: BF080863.D
 Acq: 5 Aug 2015 5:03

Tgt Ion	82	Resp	446051
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.5	8.3#
138	0.0	13.3	19.9#



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

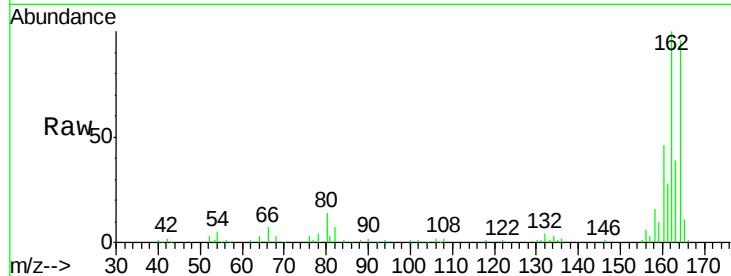




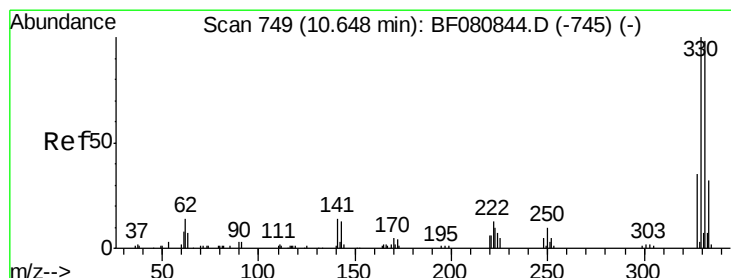
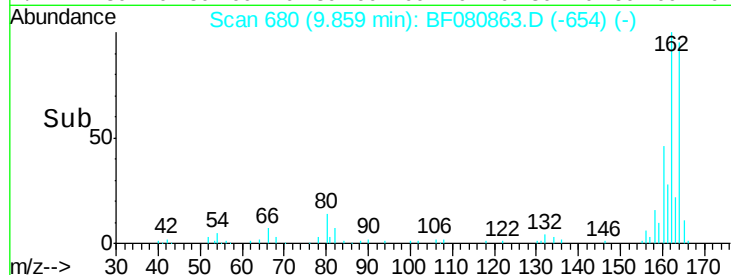
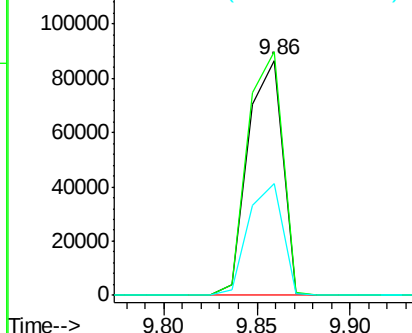
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF080863.D
 Acq: 5 Aug 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14

Tot Ion:164 Resp: 110809
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.9 124.3
 160 47.5 36.6 54.8

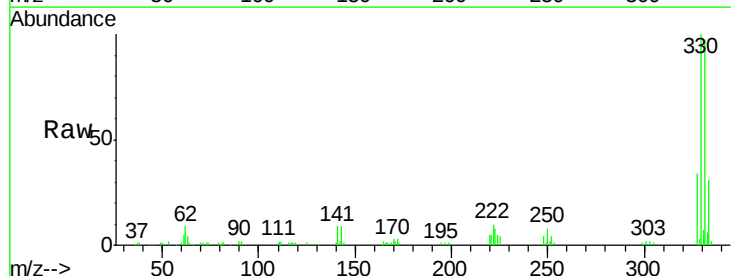


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

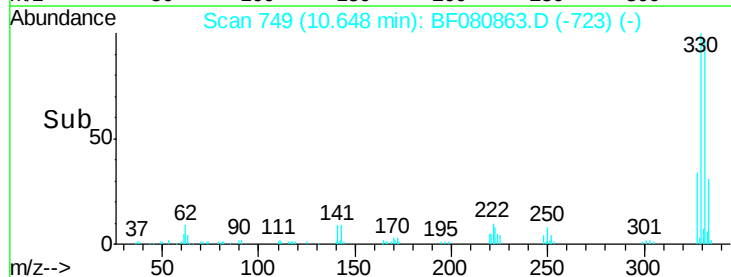
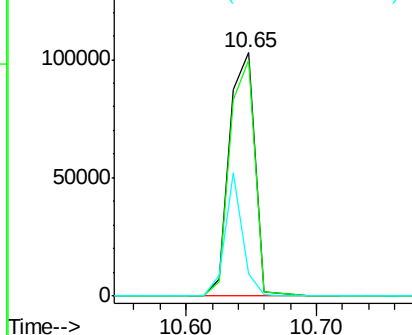


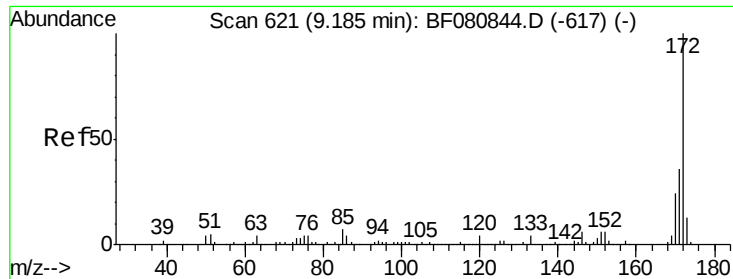
#41
 2,4,6-Tribromophenol
 Concen: 129.17 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF080863.D
 Acq: 5 Aug 2015 5:03

Tgt Ion:330 Resp: 138030
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.8
 141 35.5 28.4 42.6



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

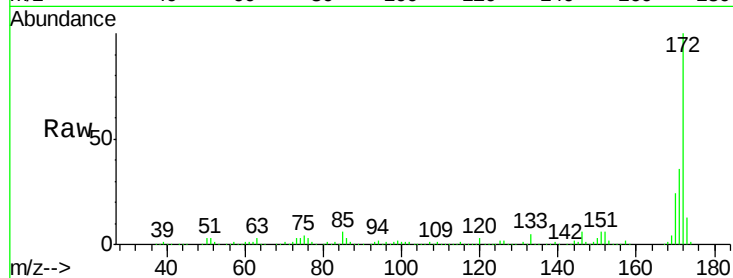




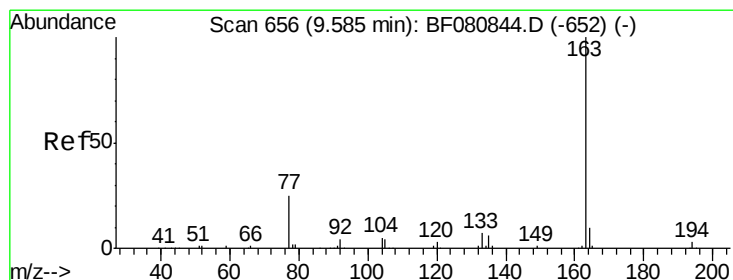
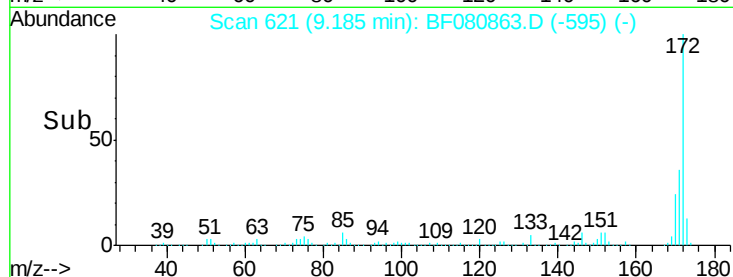
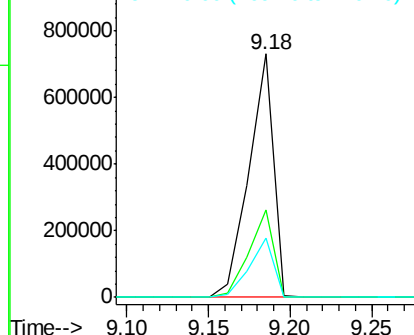
#44
2-Fluorobiphenyl
Concen: 92.73 ng
RT: 9.18 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF080863.D
Acq: 5 Aug 2015 5:03

Instrument :
BNA_F
ClientSampleId :
TU021-SB-20-14

Tot Ion:172 Resp: 763120
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 24.5 19.4 29.2

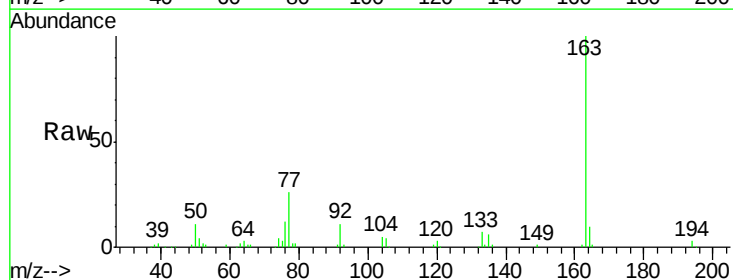


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

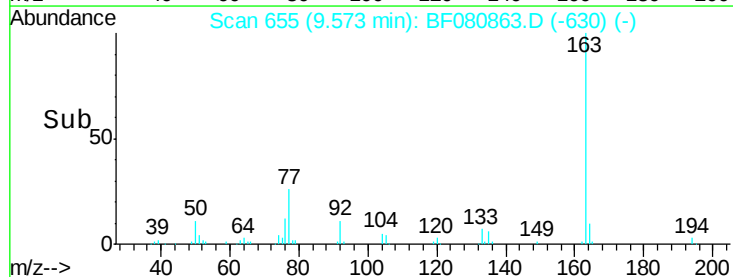
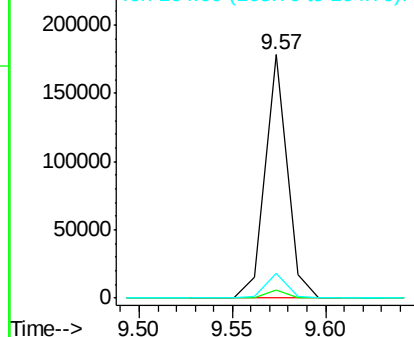


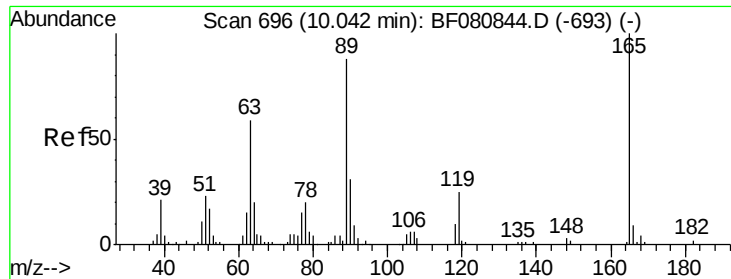
#49
Dimethylphthalate
Concen: 17.97 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF080863.D
Acq: 5 Aug 2015 5:03

Tgt Ion:163 Resp: 145221
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.2 12.4



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





#56

2,4-Dinitrotoluene

Concen: 6.68 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.19 min

Lab File: BF080863.D

Acq: 5 Aug 2015 5:03

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14

Tot Ion:165 Resp: 14263

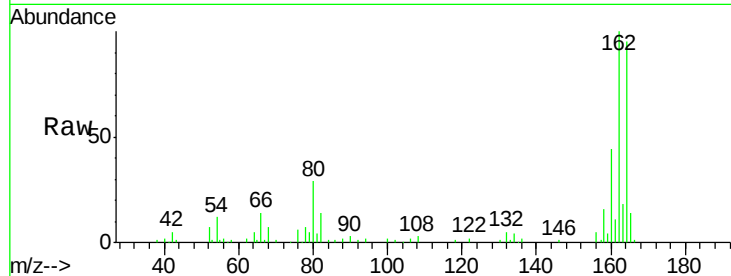
Ion Ratio Lower Upper

165 100

63 0.0 47.2 70.8#

89 0.0 70.2 105.2#

182 0.0 1.5 2.3#

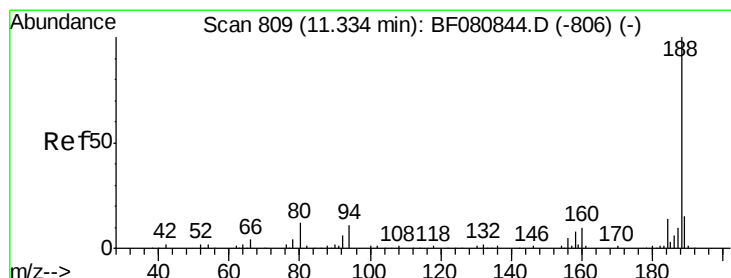
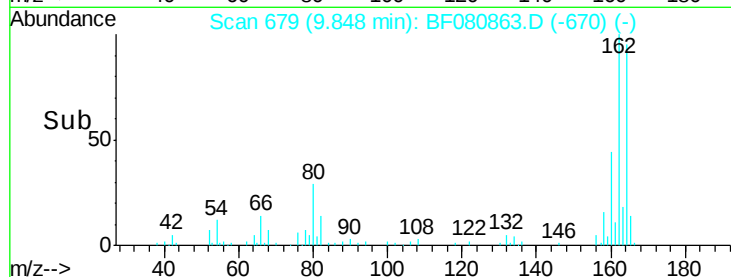
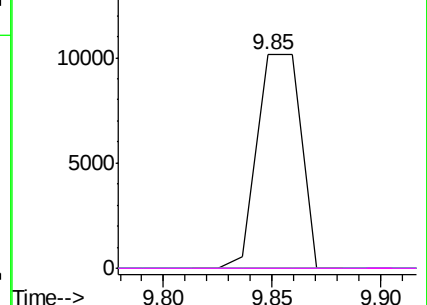


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF080863.D

Acq: 5 Aug 2015 5:03

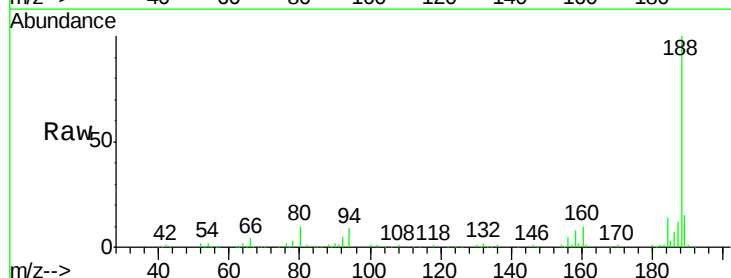
Tgt Ion:188 Resp: 198510

Ion Ratio Lower Upper

188 100

94 9.1 8.6 12.8

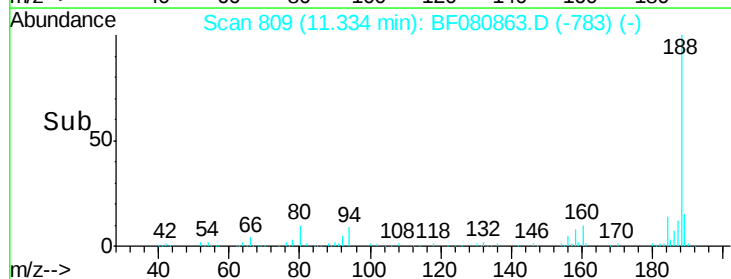
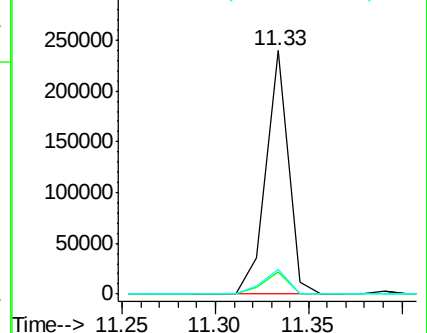
80 10.3 9.3 13.9

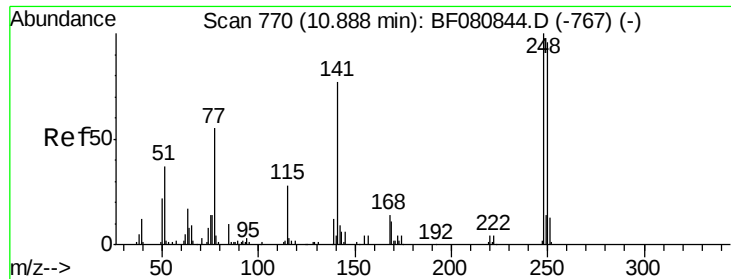


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

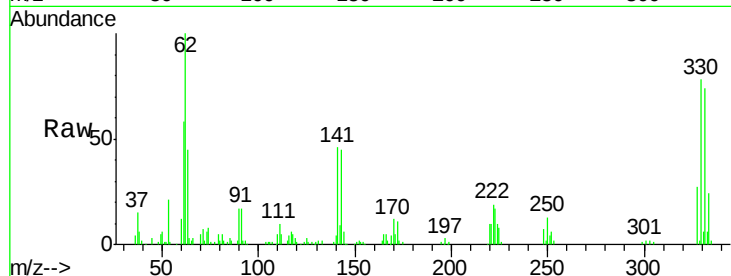




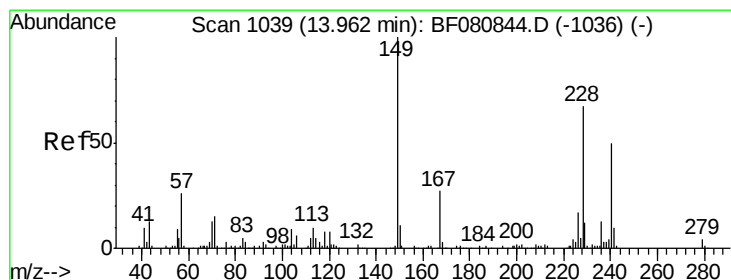
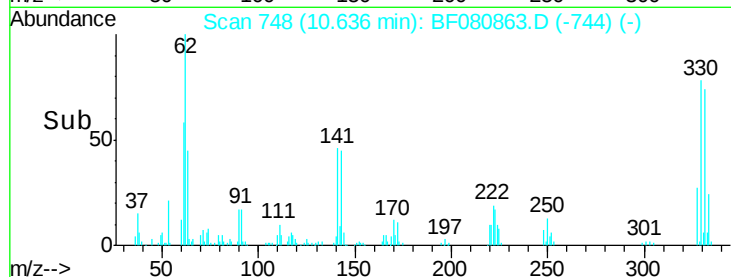
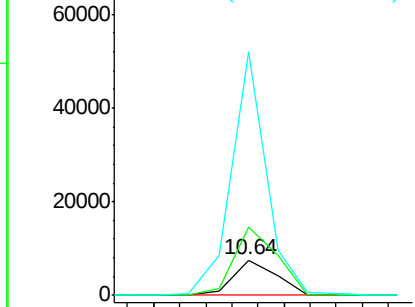
#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF080863.D
Acq: 5 Aug 2015 5:03

Instrument :
BNA_F
ClientSampleId :
TU021-SB-20-14

Tot Ion:248 Resp: 8620
Ion Ratio Lower Upper
248 100
250 195.2 77.2 115.8#
141 693.4 61.4 92.0#

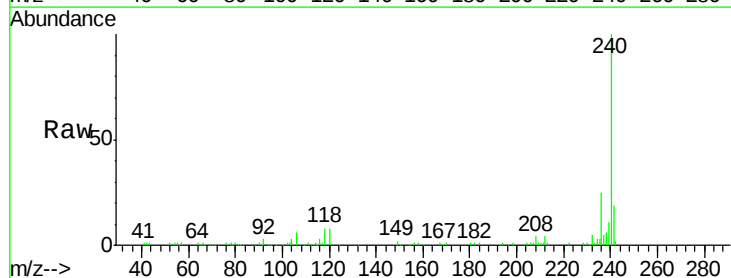


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

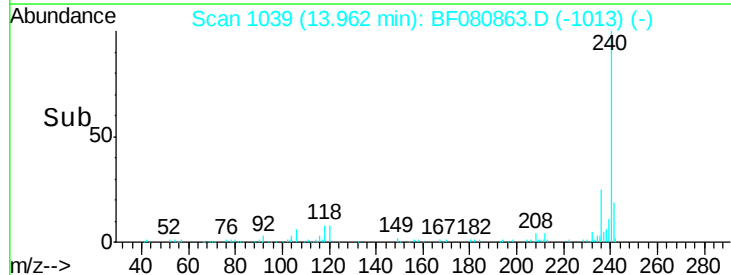
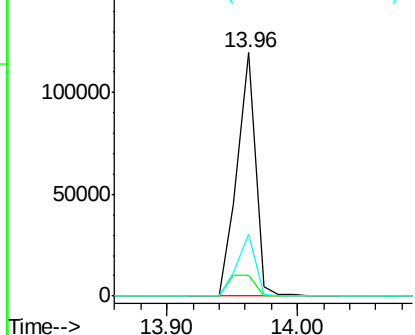


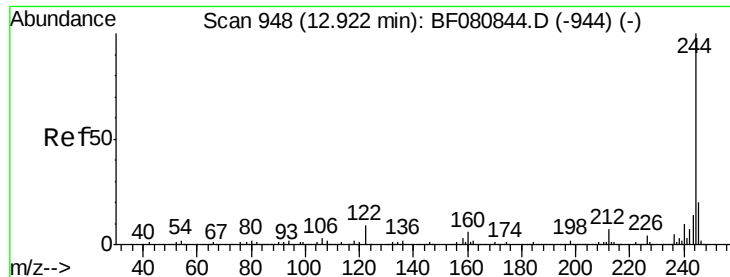
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF080863.D
Acq: 5 Aug 2015 5:03

Tgt Ion:240 Resp: 117240
Ion Ratio Lower Upper
240 100
120 8.4 13.0 19.6#
236 25.4 20.7 31.1



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: 84.04 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF080863.D

Acq: 5 Aug 2015 5:03

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14

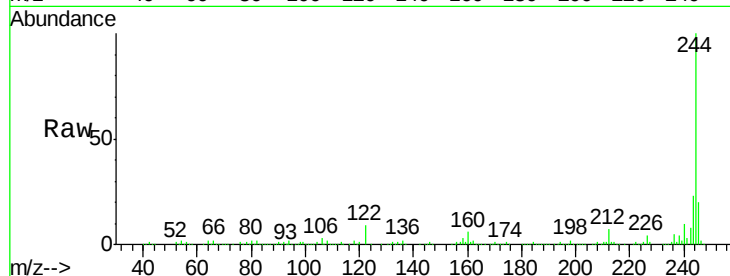
Tot Ion:244 Resp: 544388

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

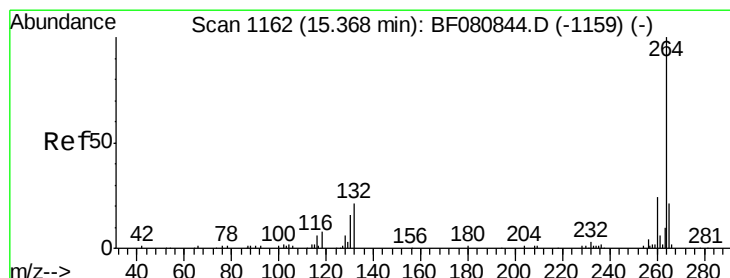
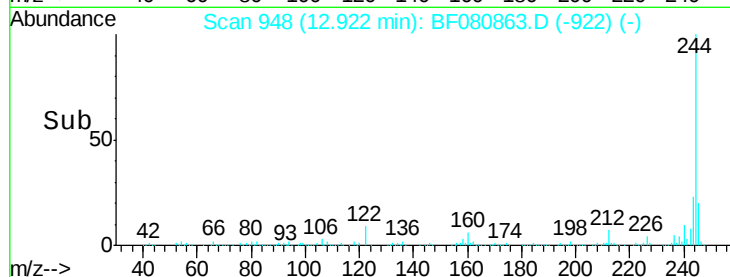
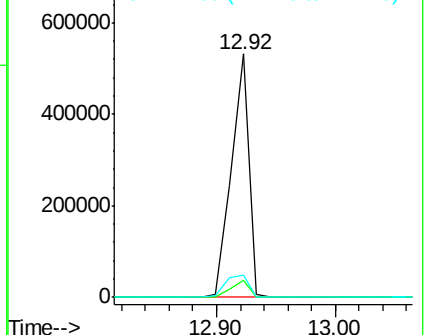
122 8.9 7.1 10.7



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: 15.37 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF080863.D

Acq: 5 Aug 2015 5:03

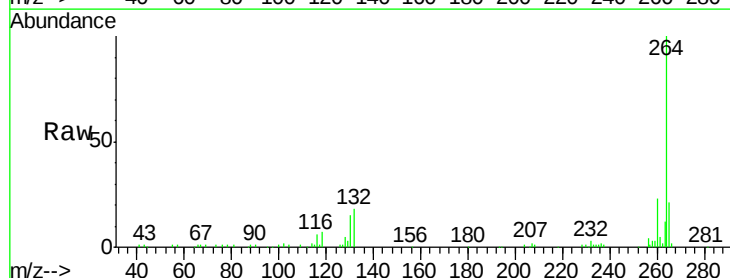
Tgt Ion:264 Resp: 84428

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.2 16.8 25.2



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

