

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080857.D
 Acq On : 5 Aug 2015 00:58
 Operator : TP/UM
 Sample : G3150-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-21-17

Quant Time: Aug 05 07:54:56 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

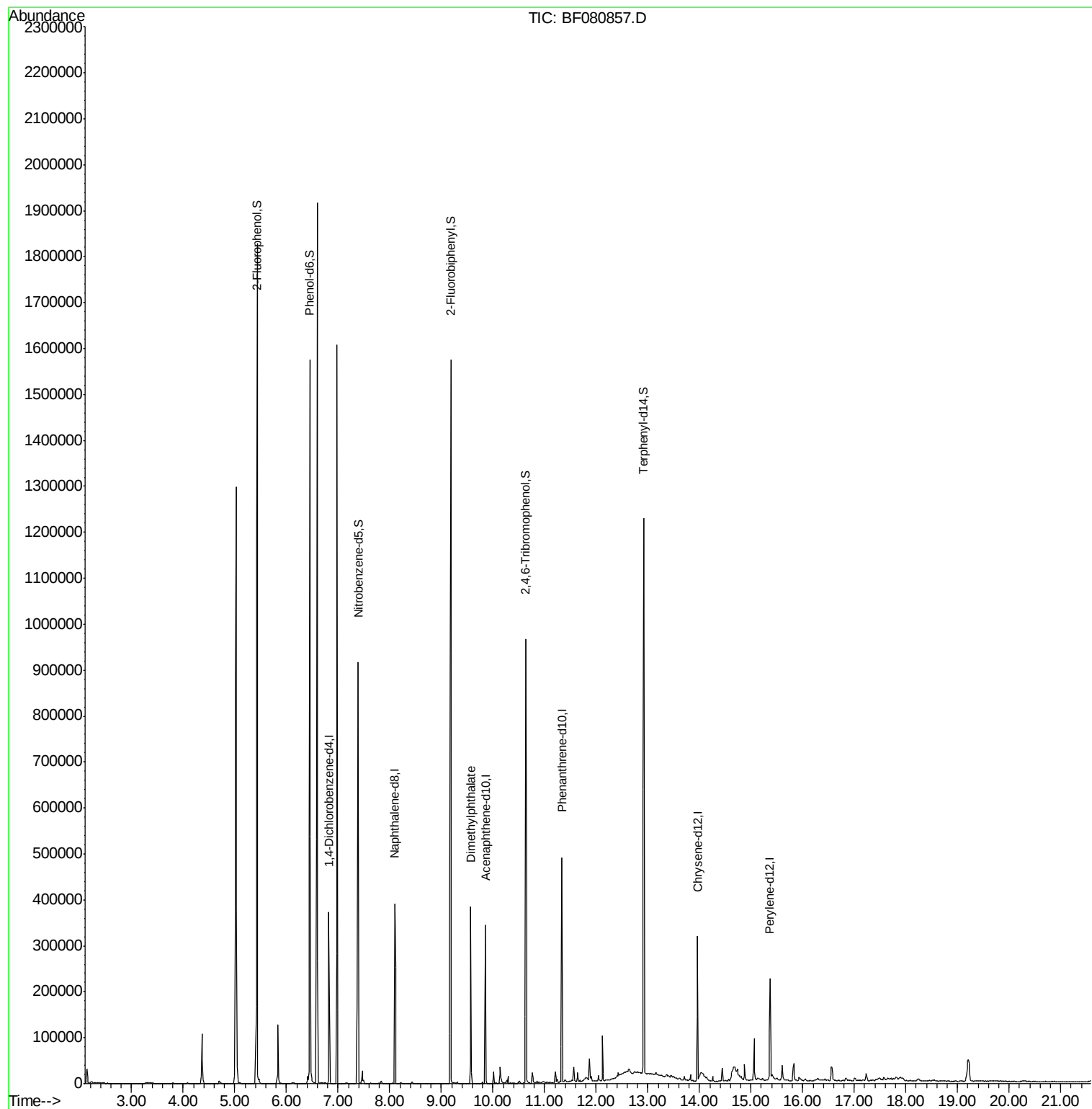
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	60050	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	218429	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	90048	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	163626	20.00	ng	0.00
75) Chrysene-d12	13.96	240	120097	20.00	ng	0.00
86) Perylene-d12	15.37	264	95069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	555211	139.94	ng	0.01
7) Phenol-d6	6.45	99	654947	126.27	ng	0.00
23) Nitrobenzene-d5	7.39	82	460027	99.25	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	117723	135.57	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	606710	90.73	ng	0.00
78) Terphenyl-d14	12.92	244	438600	66.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.57	163	131858	20.08	ng	Qvalue 100

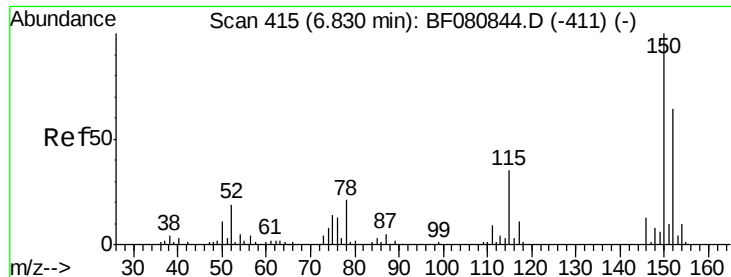
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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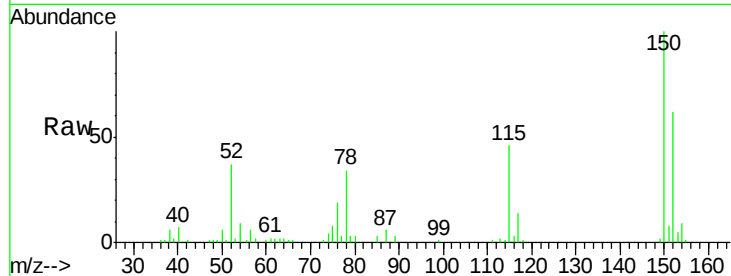


#1

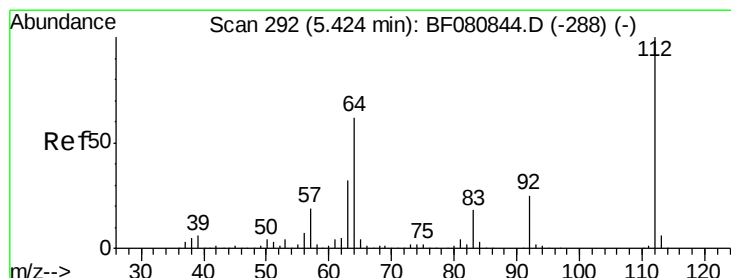
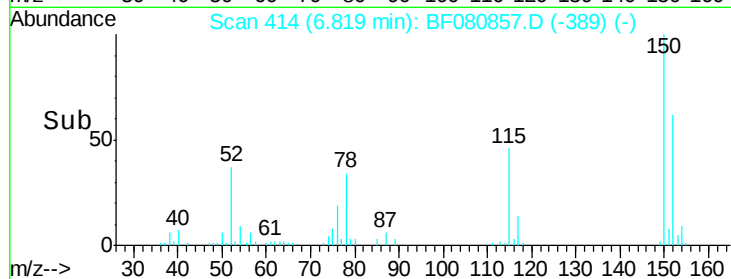
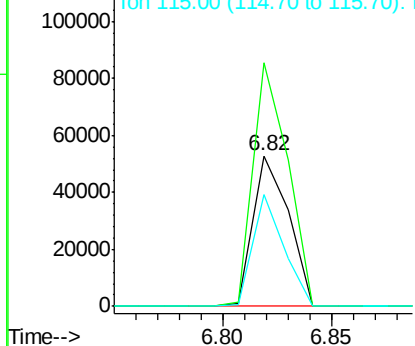
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF080857.D
Acq: 5 Aug 2015 00:58

Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-17

Tgt Ion:152 Resp: 60050
Ion Ratio Lower Upper
152 100
150 161.7 124.6 187.0
115 74.3 44.2 66.4#



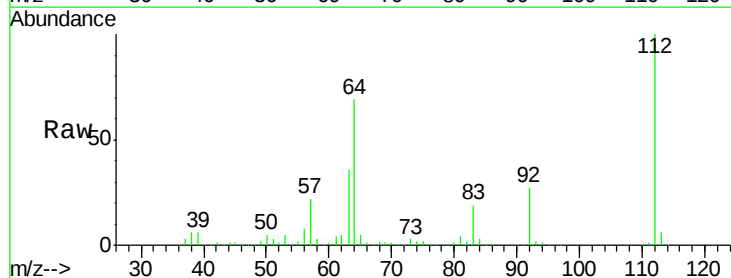
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



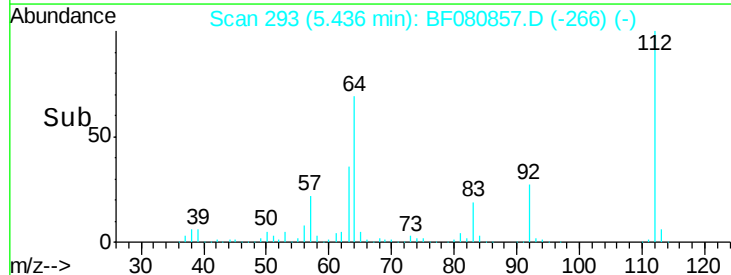
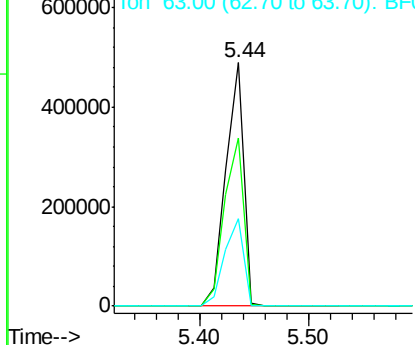
#5

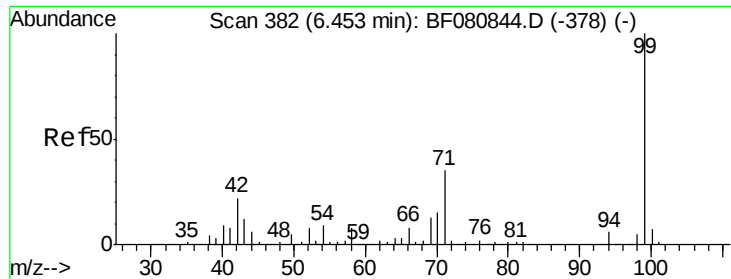
2-Fluorophenol
Concen: 139.94 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF080857.D
Acq: 5 Aug 2015 00:58

Tgt Ion:112 Resp: 555211
Ion Ratio Lower Upper
112 100
64 68.9 49.5 74.3
63 35.8 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: 126.27 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-17

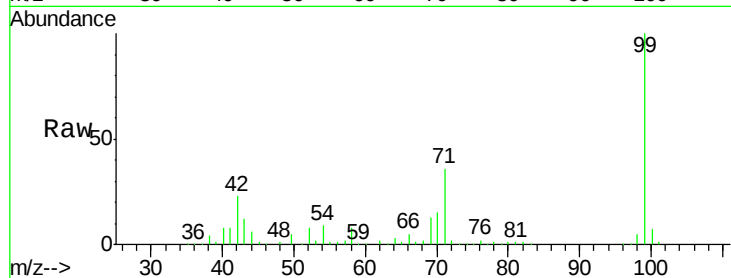
Tgt Ion: 99 Resp: 654947

Ion Ratio Lower Upper

99 100

42 22.7 17.9 26.9

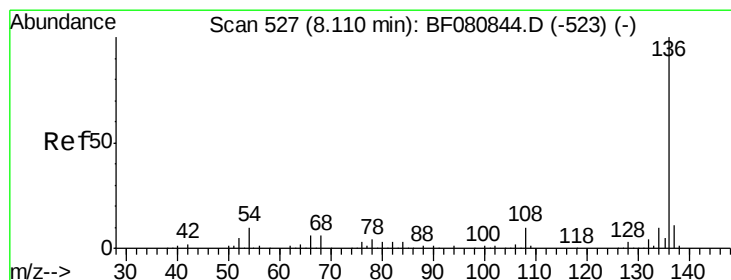
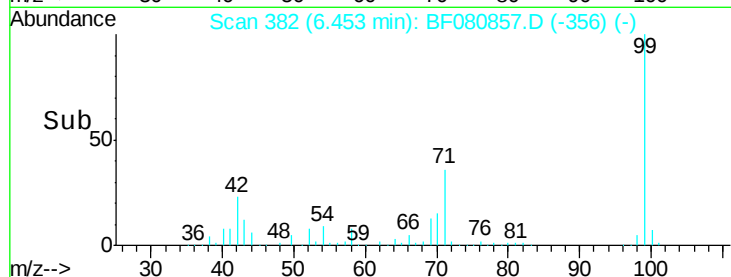
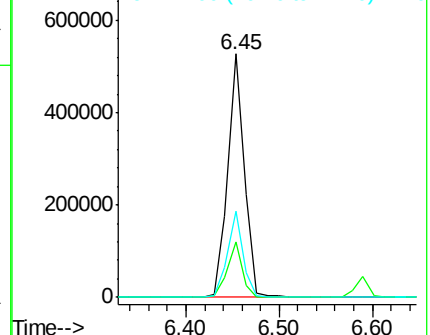
71 35.6 28.2 42.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

Tgt Ion: 136 Resp: 218429

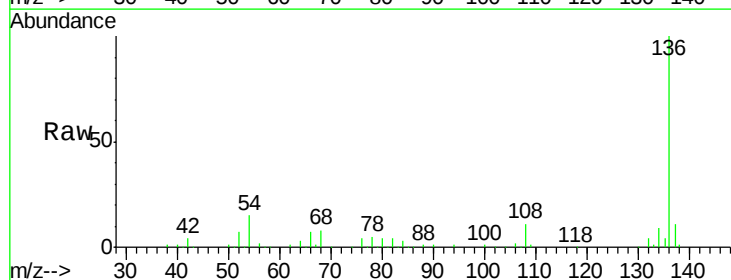
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 14.5 8.3 12.5#

68 7.7 4.8 7.2#

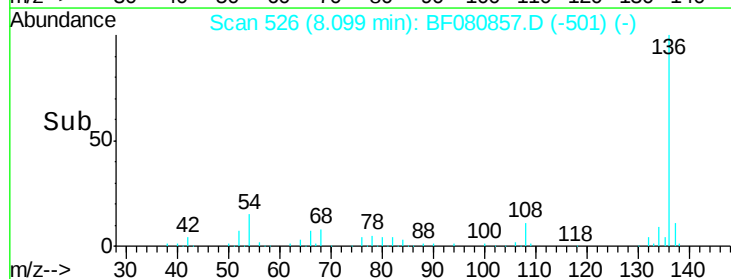
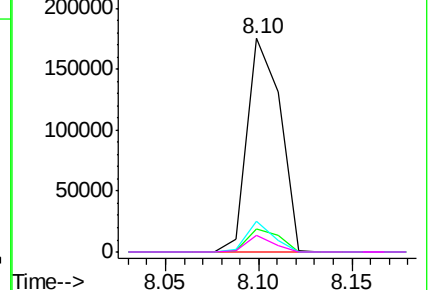


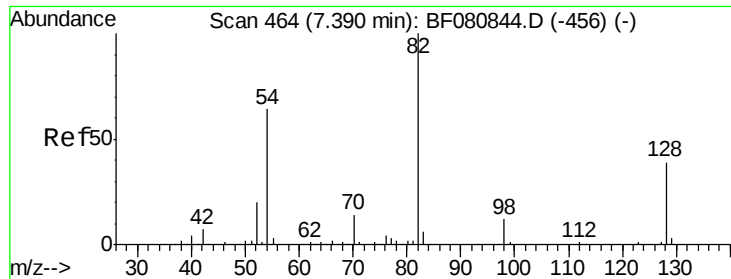
Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.25 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-17

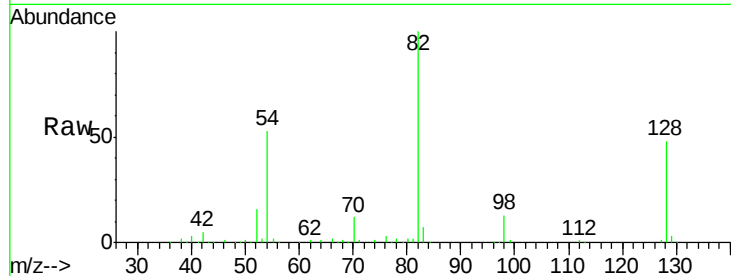
Tgt Ion: 82 Resp: 460027

Ion Ratio Lower Upper

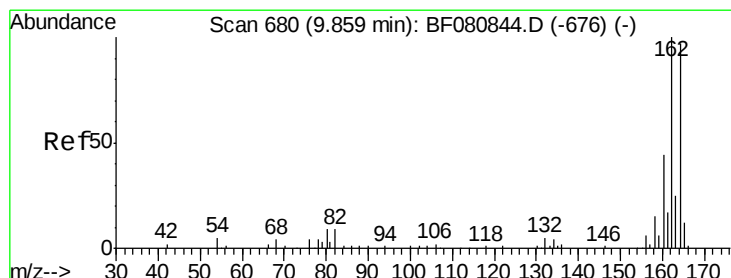
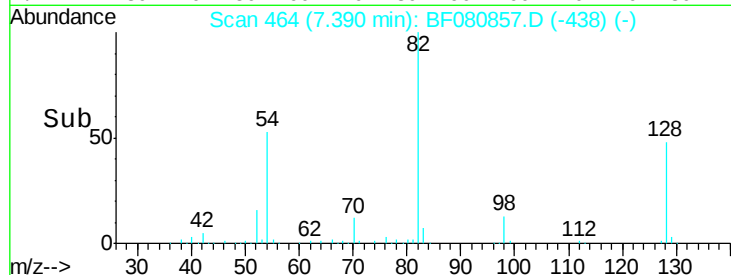
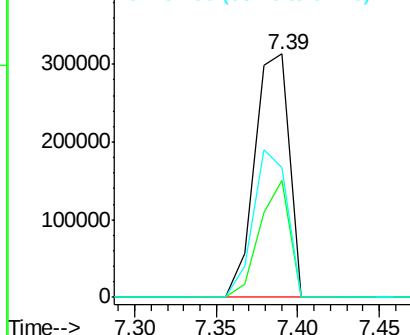
82 100

128 47.9 31.0 46.4#

54 53.3 51.0 76.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

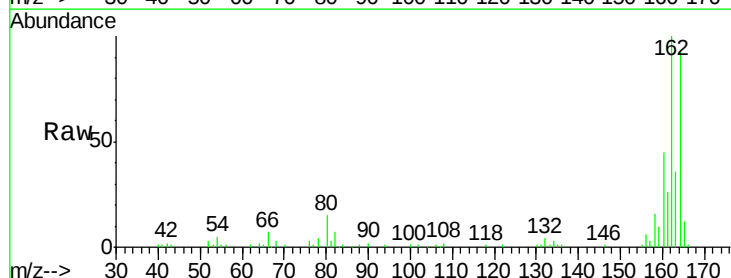
Tgt Ion: 164 Resp: 90048

Ion Ratio Lower Upper

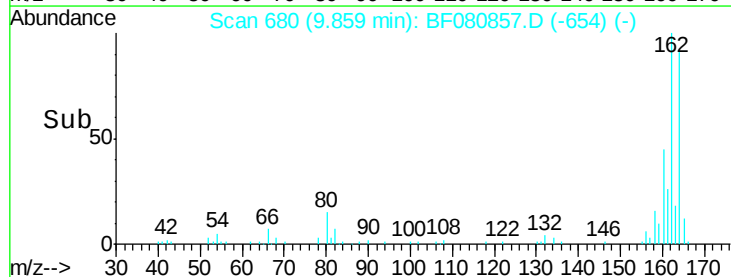
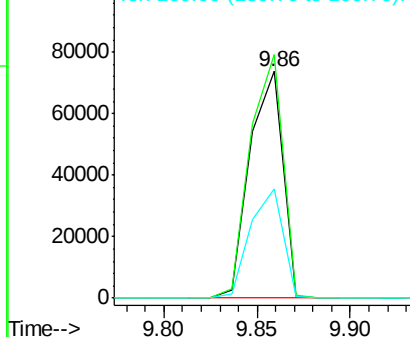
164 100

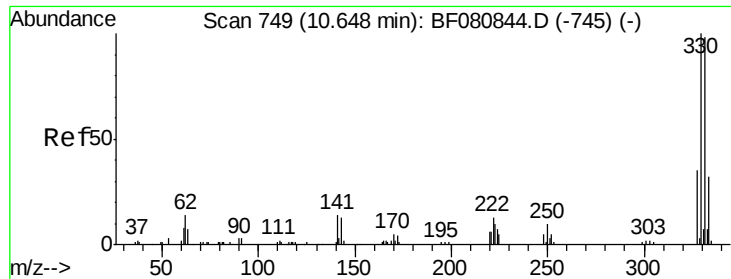
162 107.3 82.9 124.3

160 48.0 36.6 54.8



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

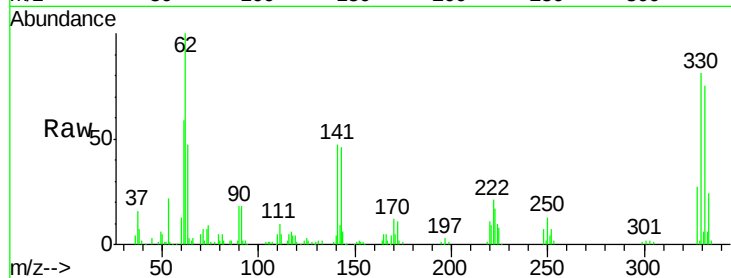




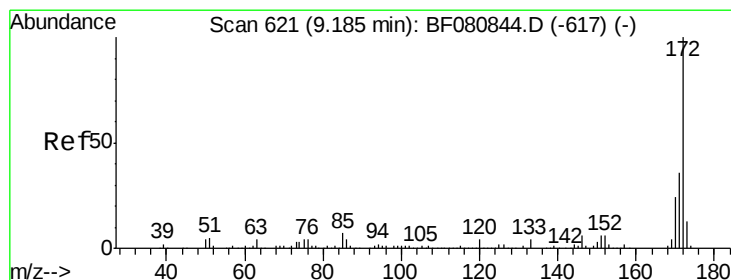
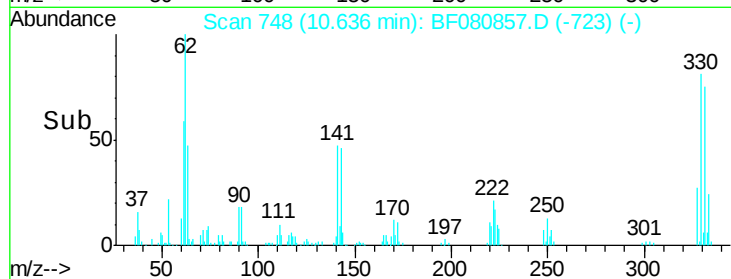
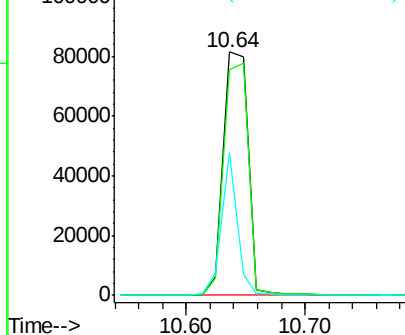
#41
 2,4,6-Tribromophenol
 Concen: 135.57 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF080857.D
 Acq: 5 Aug 2015 00:58

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-21-17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.8	116.8
141	36.8	28.4	42.6

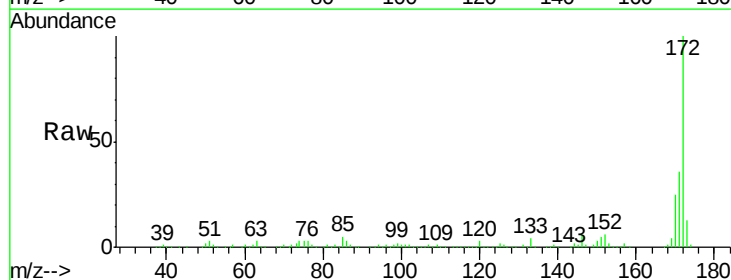


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

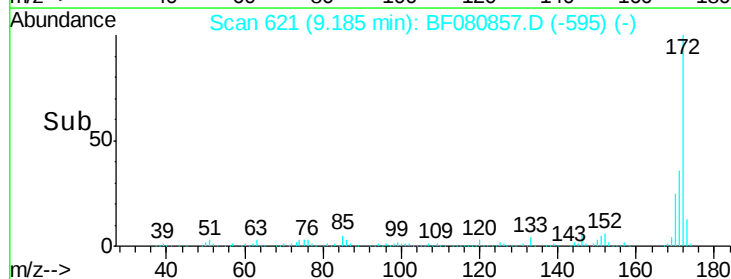
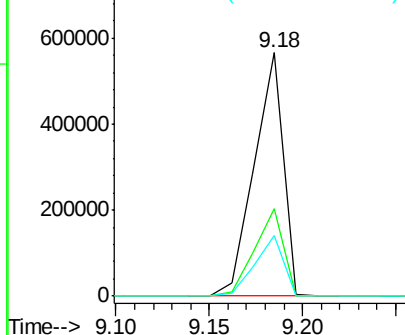


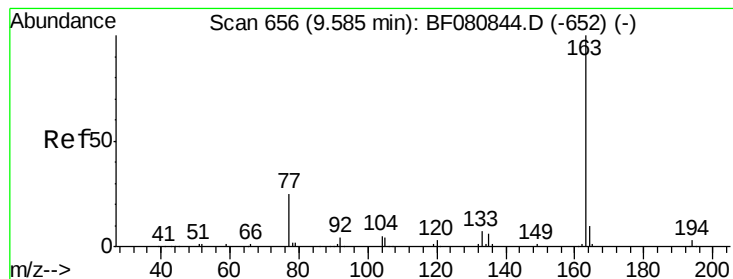
#44
 2-Fluorobiphenyl
 Concen: 90.73 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF080857.D
 Acq: 5 Aug 2015 00:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.6	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: 20.08 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-17

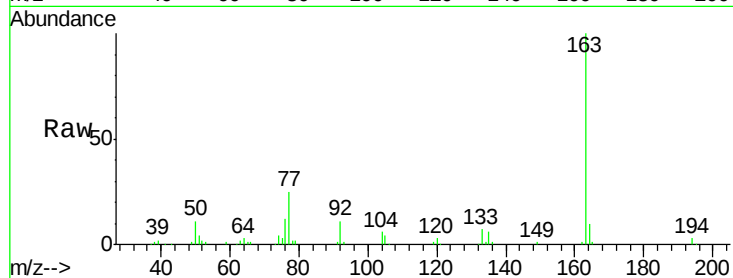
Tgt Ion:163 Resp: 131858

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

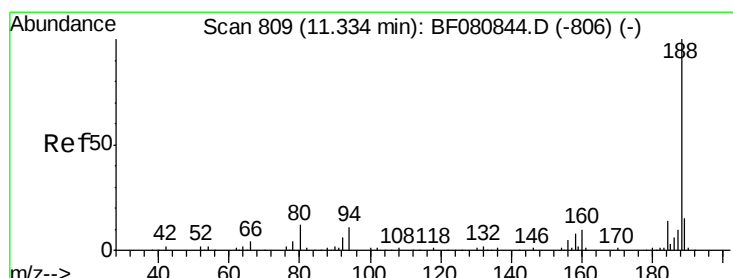
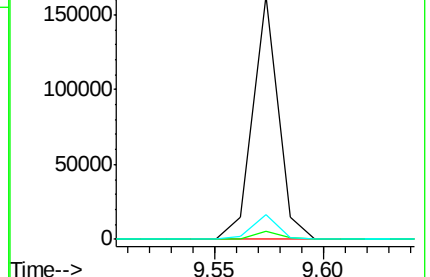
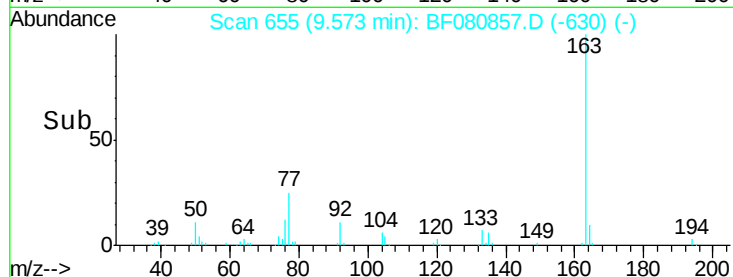
164 10.1 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

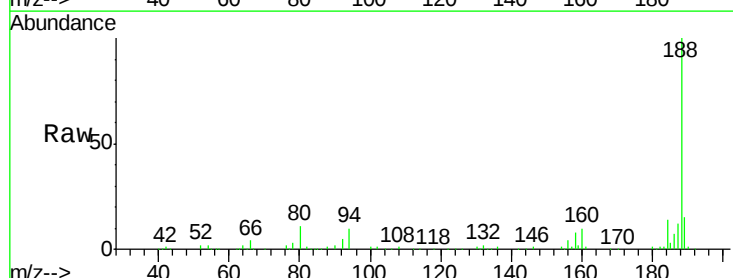
Tgt Ion:188 Resp: 163626

Ion Ratio Lower Upper

188 100

94 9.9 8.6 12.8

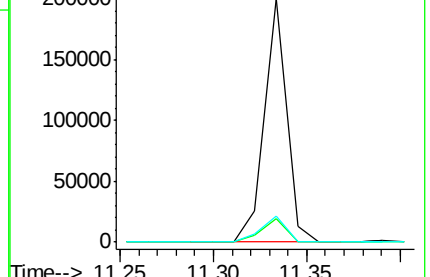
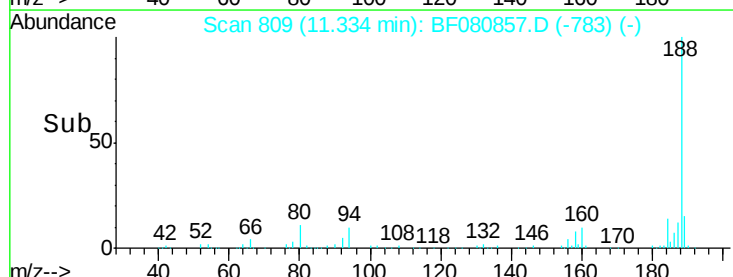
80 10.6 9.3 13.9

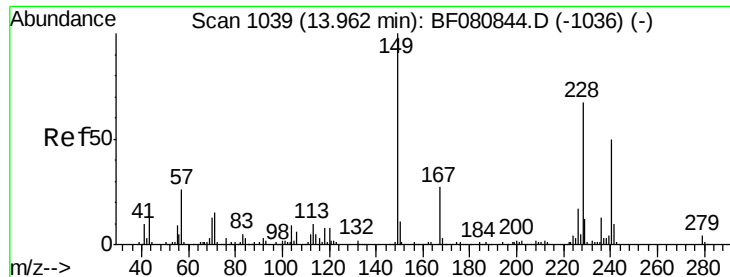


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

Instrument :

BNA_F

ClientSampleId :

TU021-SB-21-17

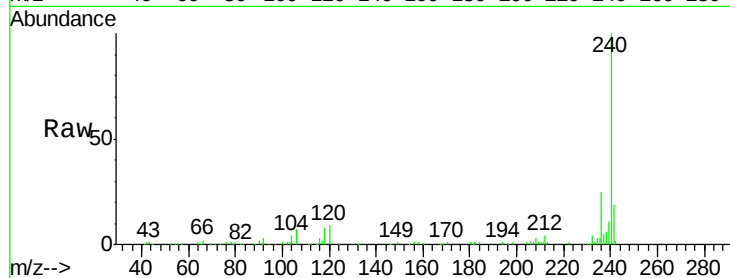
Tgt Ion:240 Resp: 120097

Ion Ratio Lower Upper

240 100

120 9.4 13.0 19.6#

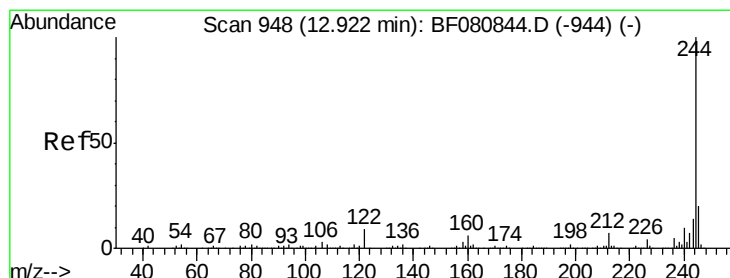
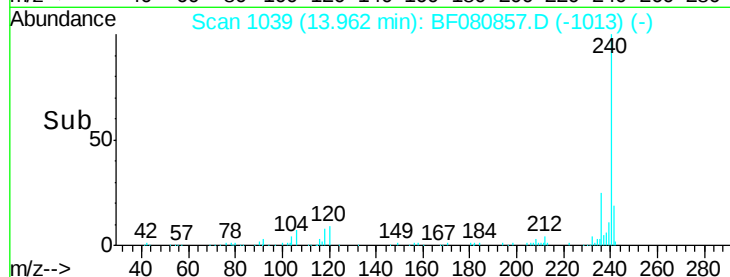
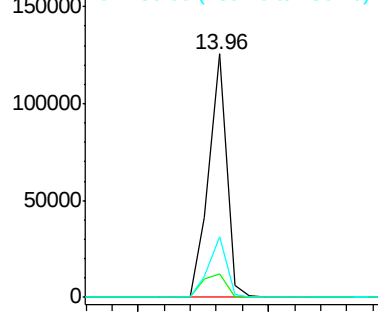
236 24.7 20.7 31.1



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: 66.10 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF080857.D

Acq: 5 Aug 2015 00:58

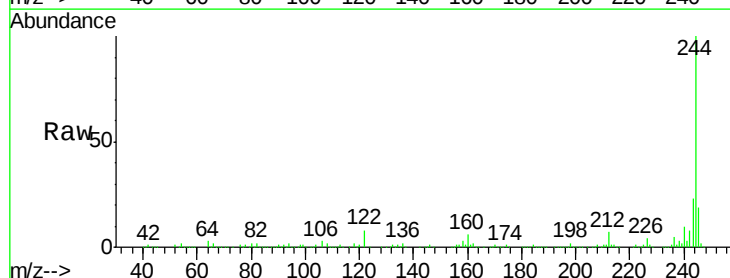
Tgt Ion:244 Resp: 438600

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

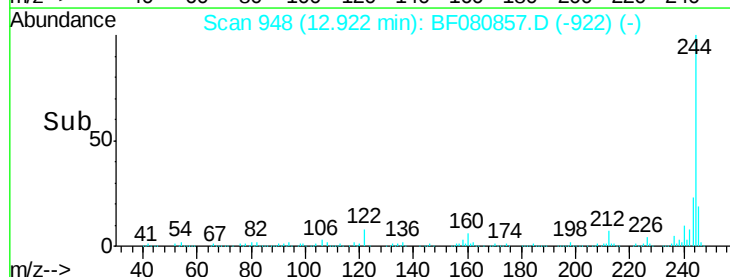
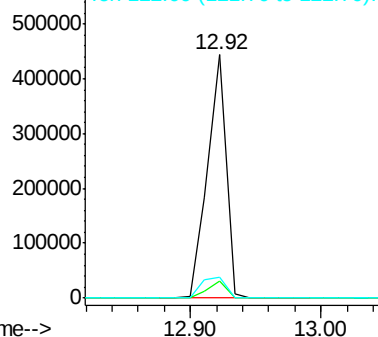
122 8.4 7.1 10.7

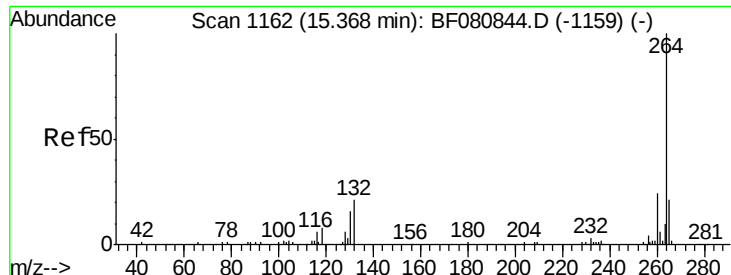


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF080857.D
Acq: 5 Aug 2015 00:58

Instrument :
BNA_F
ClientSampleId :
TU021-SB-21-17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.1	16.8	25.2

