

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088648.D
 Acq On : 3 Jul 2016 14:35
 Operator : UM/SJ
 Sample : H3837-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-04

Quant Time: Jul 04 05:47:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

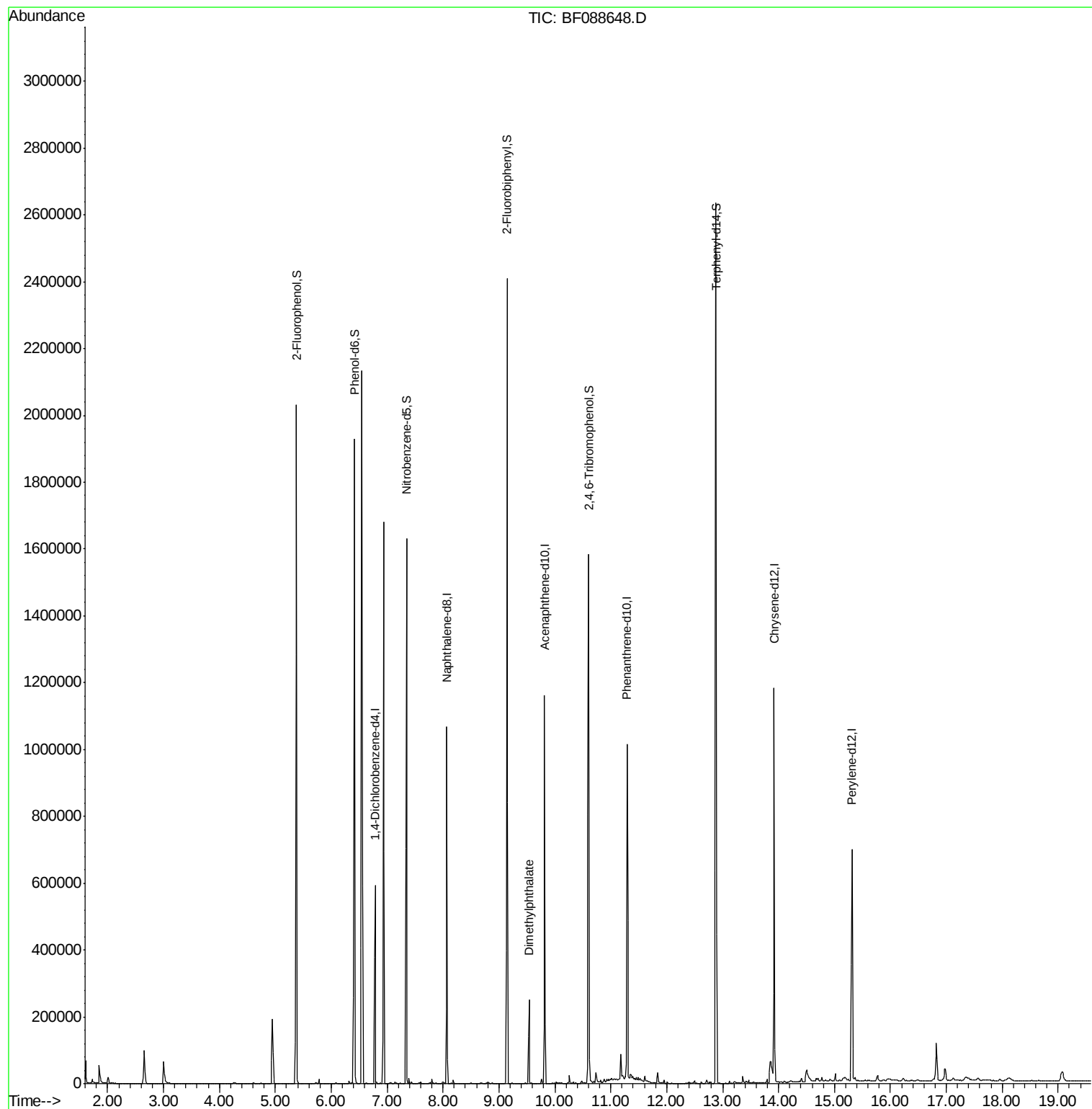
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111952	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	450701	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	212500	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	406193	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	353269	20.00	ng	-0.03
86) Perylene-d12	15.31	264	291251	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	688091	92.11	ng	-0.02
7) Phenol-d6	6.42	99	934945	96.86	ng	-0.02
23) Nitrobenzene-d5	7.35	82	587033	68.26	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	206401	104.60	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	837193	62.23	ng	-0.03
78) Terphenyl-d14	12.88	244	797502	50.28	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.54	163	127909	8.45	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088648.D

Acq: 3 Jul 2016 14:35

Instrument :

BNA_F

ClientSampleId :

C1.2-04

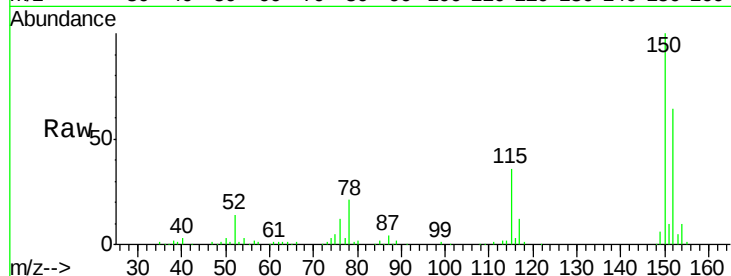
Tot Ion:152 Resp: 111952

Ion Ratio Lower Upper

152 100

150 156.1 123.8 185.6

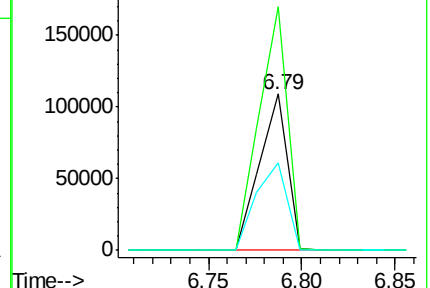
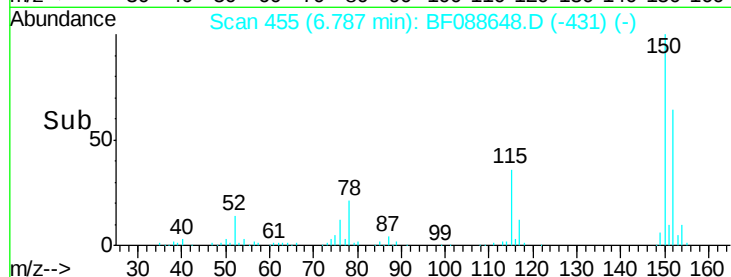
115 56.3 39.6 59.4



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: 92.11 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088648.D

Acq: 3 Jul 2016 14:35

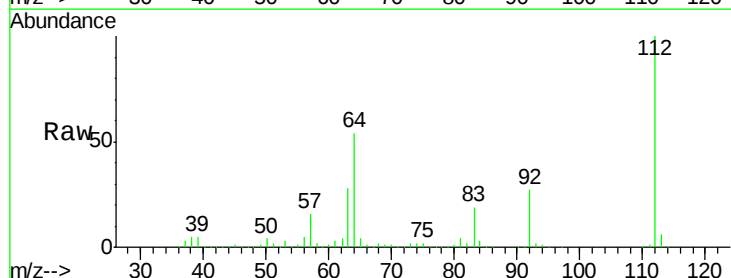
Tgt Ion:112 Resp: 688091

Ion Ratio Lower Upper

112 100

64 54.4 42.2 63.2

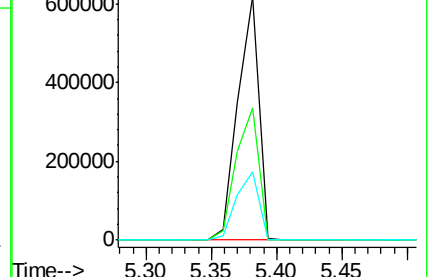
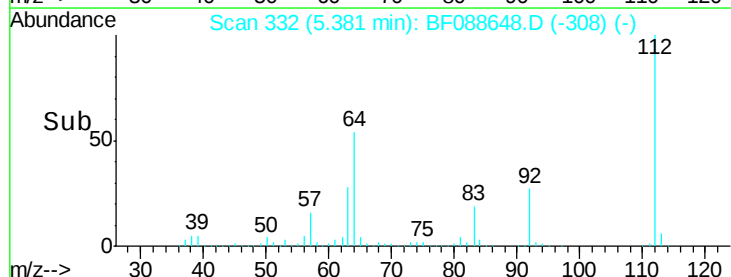
63 28.1 21.8 32.8



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: 96.86 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088648.D

Acq: 3 Jul 2016 14:35

Instrument :

BNA_F

ClientSampleId :

C1.2-04

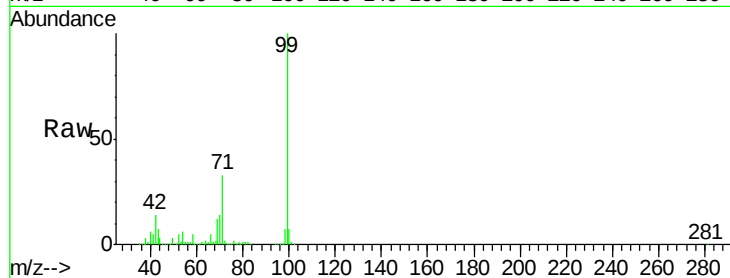
Tot Ion: 99 Resp: 934945

Ion Ratio Lower Upper

99 100

42 13.8 12.2 18.2

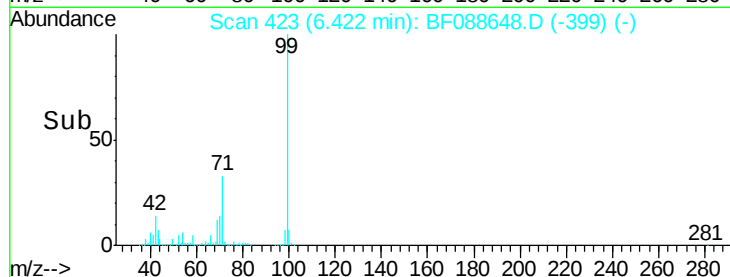
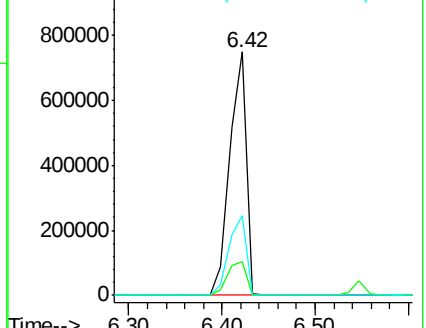
71 32.6 23.4 35.0



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: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088648.D

Acq: 3 Jul 2016 14:35

Tgt Ion: 136 Resp: 450701

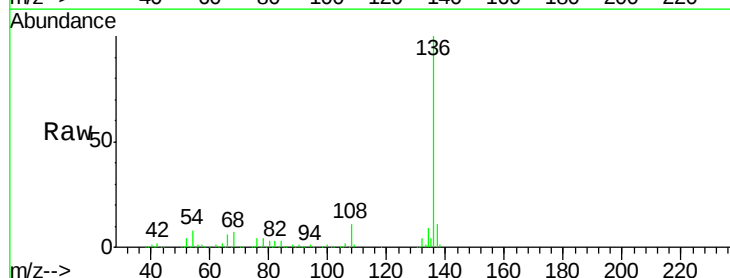
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.0 6.6 10.0

68 6.6 5.1 7.7

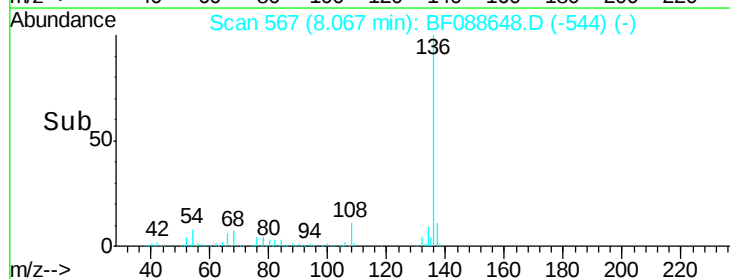
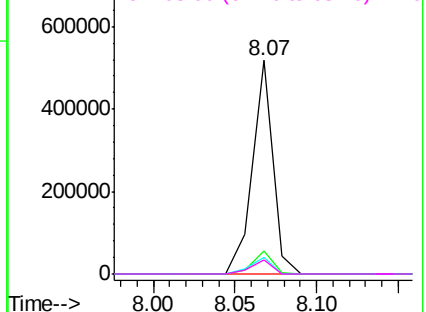


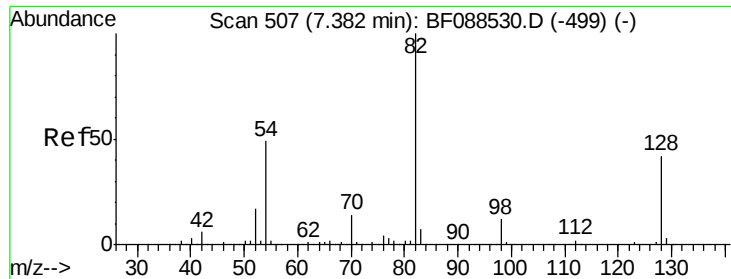
Abundance Ion 136.00 (135.70 to 136.70): E

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

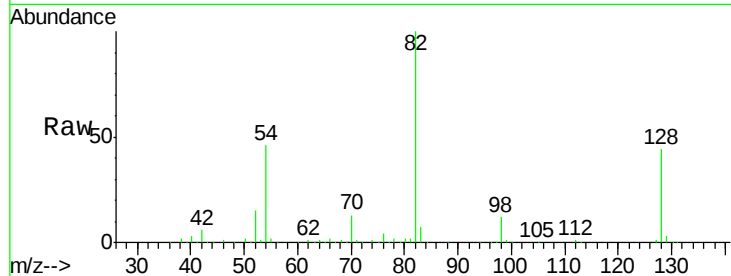




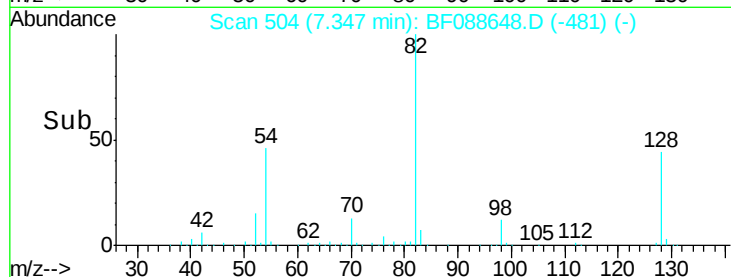
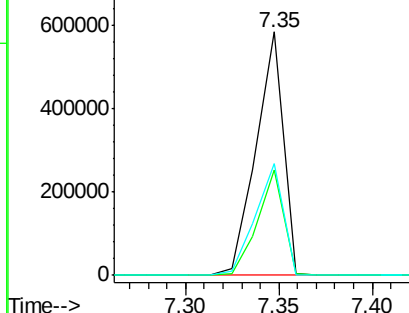
#23
 Nitrobenzene-d5
 Concen: 68.26 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088648.D
 Acq: 3 Jul 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-04

Tot Ion: 82 Resp: 587033
 Ion Ratio Lower Upper
 82 100
 128 43.5 35.9 53.9
 54 45.8 40.9 61.3

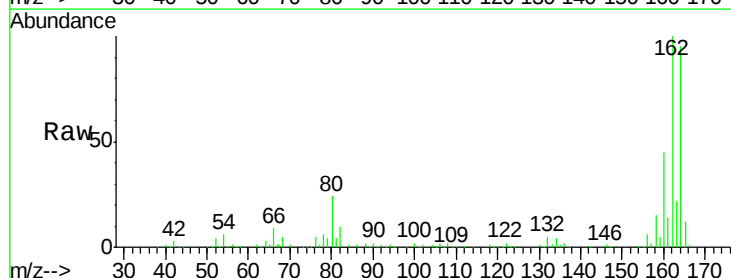


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

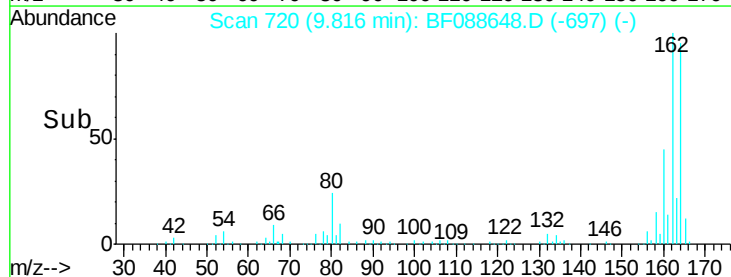
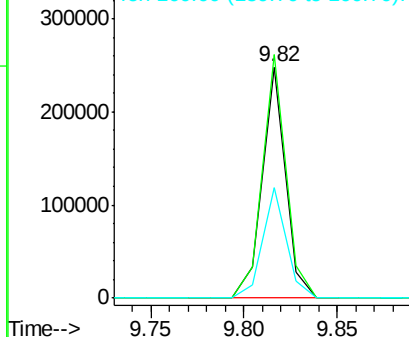


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088648.D
 Acq: 3 Jul 2016 14:35

Tgt Ion:164 Resp: 212500
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.4 128.2
 160 47.7 39.5 59.3



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

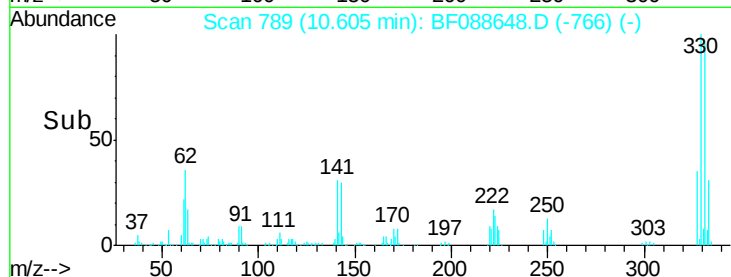
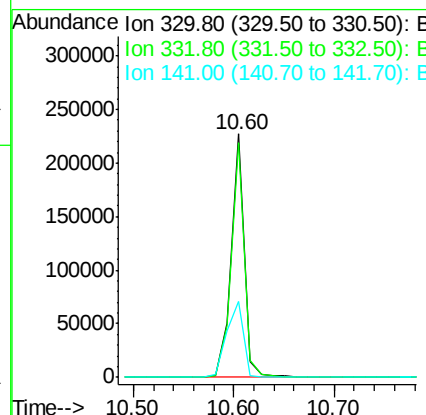
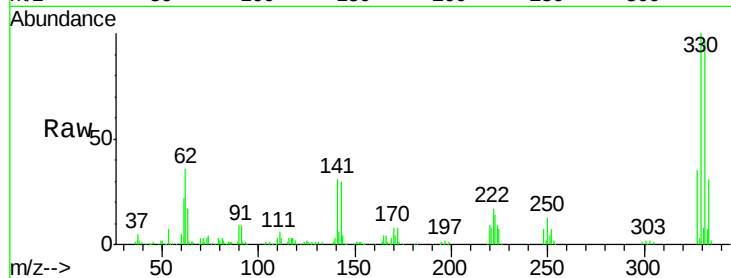




#41
 2,4,6-Tribromophenol
 Concen: 104.60 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088648.D
 Acq: 3 Jul 2016 14:35

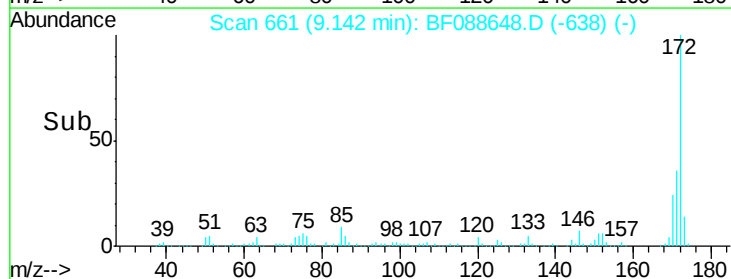
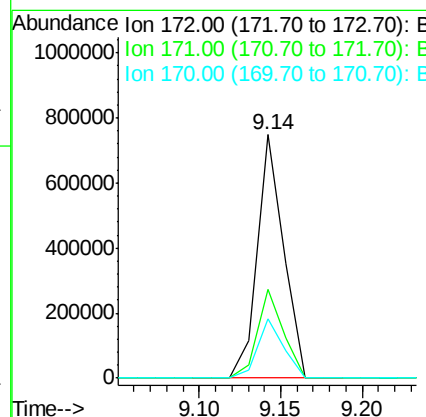
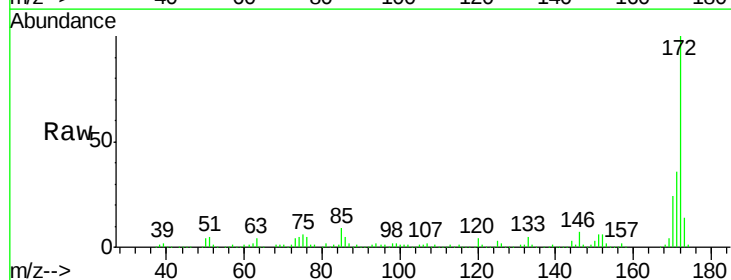
Instrument :
 BNA_F
 ClientSampleId :
 C1.2-04

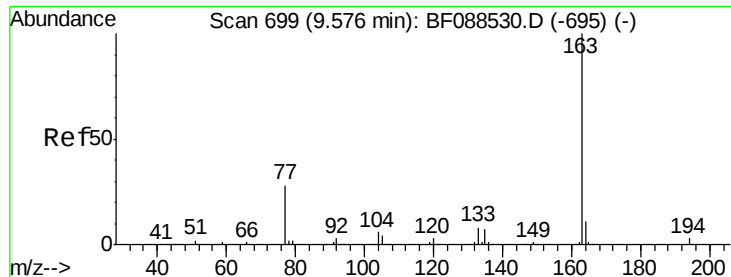
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	40.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 62.23 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088648.D
 Acq: 3 Jul 2016 14:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.4	19.2	28.8

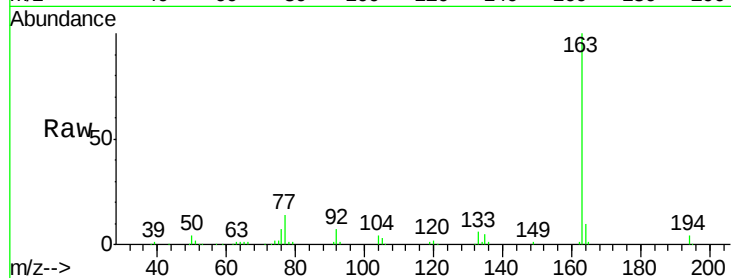




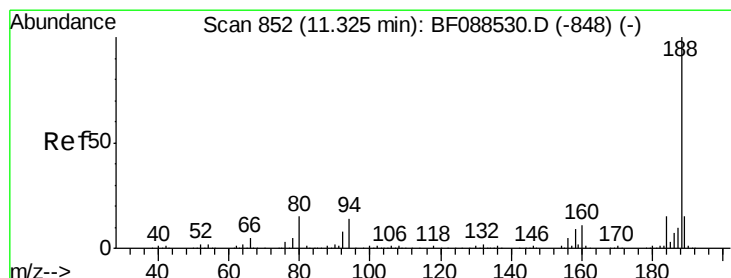
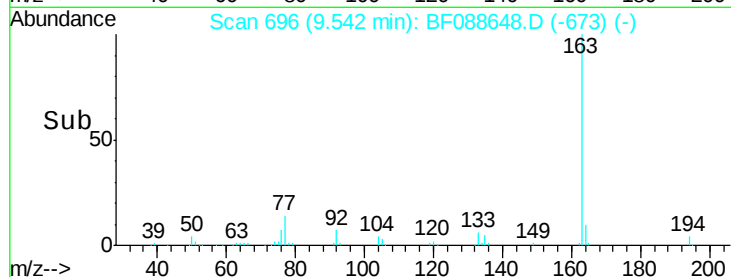
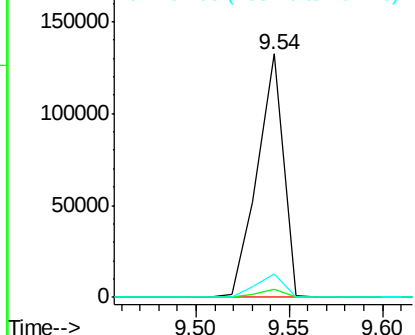
#49
Dimethylphthalate
Concen: 8.45 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088648.D
Acq: 3 Jul 2016 14:35

Instrument :
BNA_F
ClientSampleId :
C1.2-04

Tot Ion:163 Resp: 127909
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.5 8.3 12.5

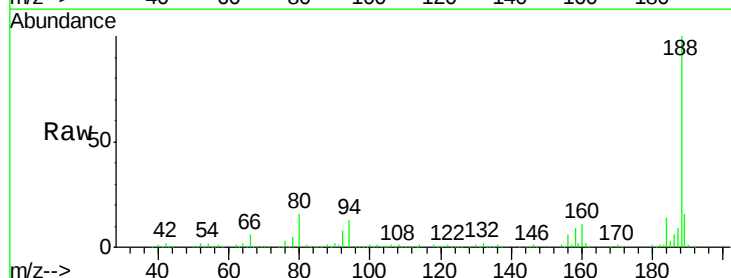


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

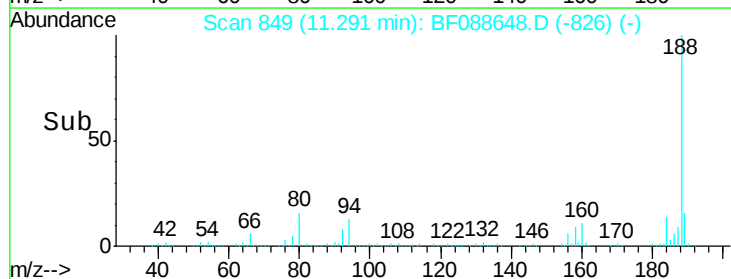
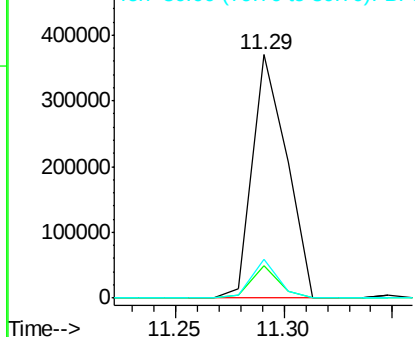


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088648.D
Acq: 3 Jul 2016 14:35

Tgt Ion:188 Resp: 406193
Ion Ratio Lower Upper
188 100
94 13.4 9.0 13.6
80 15.7 10.0 15.0#



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: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088648.D

Acq: 3 Jul 2016 14:35

Instrument :

BNA_F

ClientSampleId :

C1.2-04

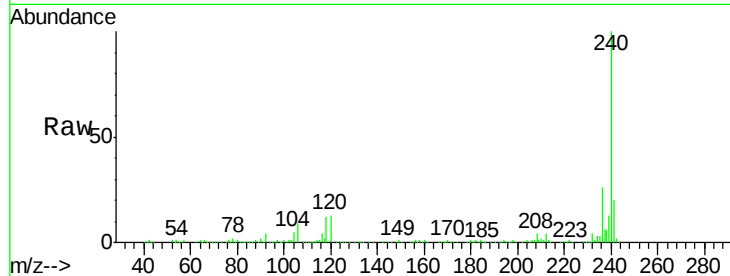
Tot Ion:240 Resp: 353269

Ion Ratio Lower Upper

240 100

120 13.3 6.8 10.2#

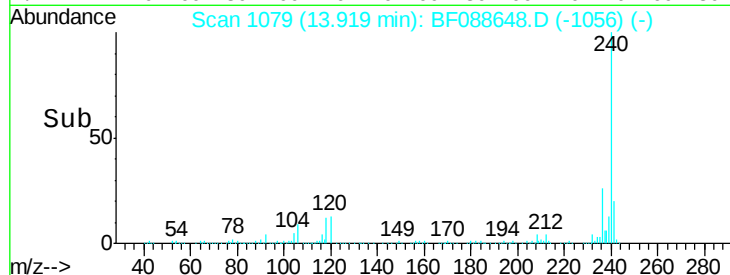
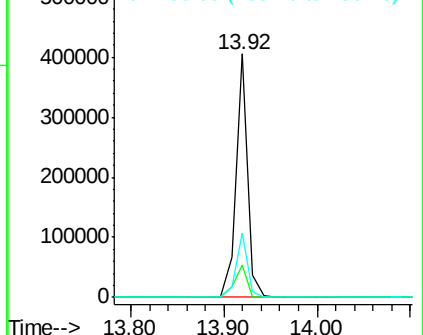
236 26.3 20.2 30.2



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: 50.28 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088648.D

Acq: 3 Jul 2016 14:35

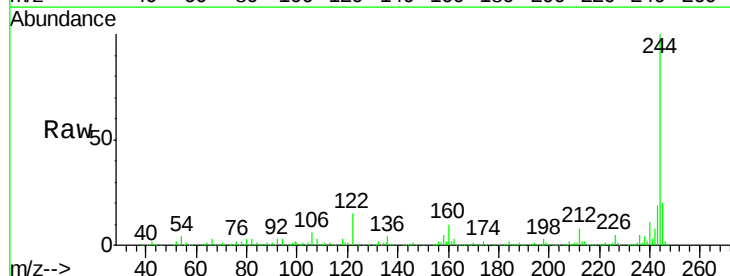
Tgt Ion:244 Resp: 797502

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

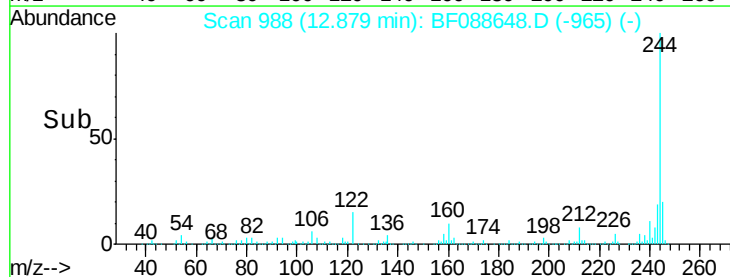
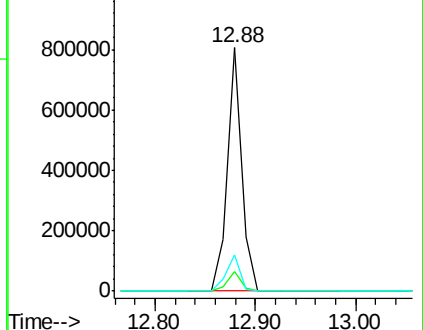
122 15.1 11.2 16.8

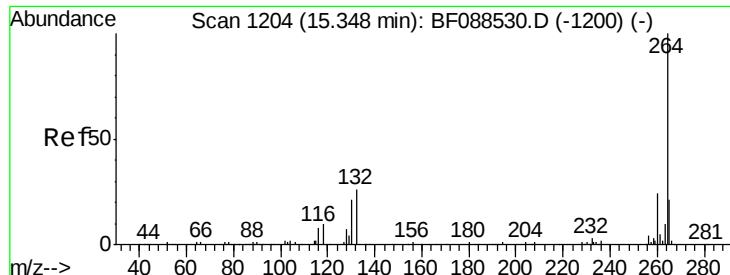


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

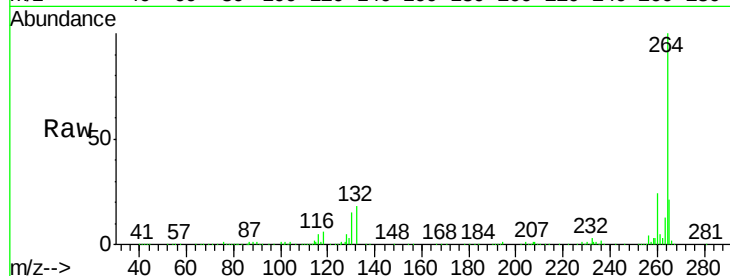




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088648.D
 Acq: 3 Jul 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-04

Tot Ion:264 Resp: 291251
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.1 16.9 25.3



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

