

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088669.D
 Acq On : 4 Jul 2016 1:45
 Operator : UM/SJ
 Sample : H3817-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-4A-9.5-10FT

Quant Time: Jul 04 06:52:07 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

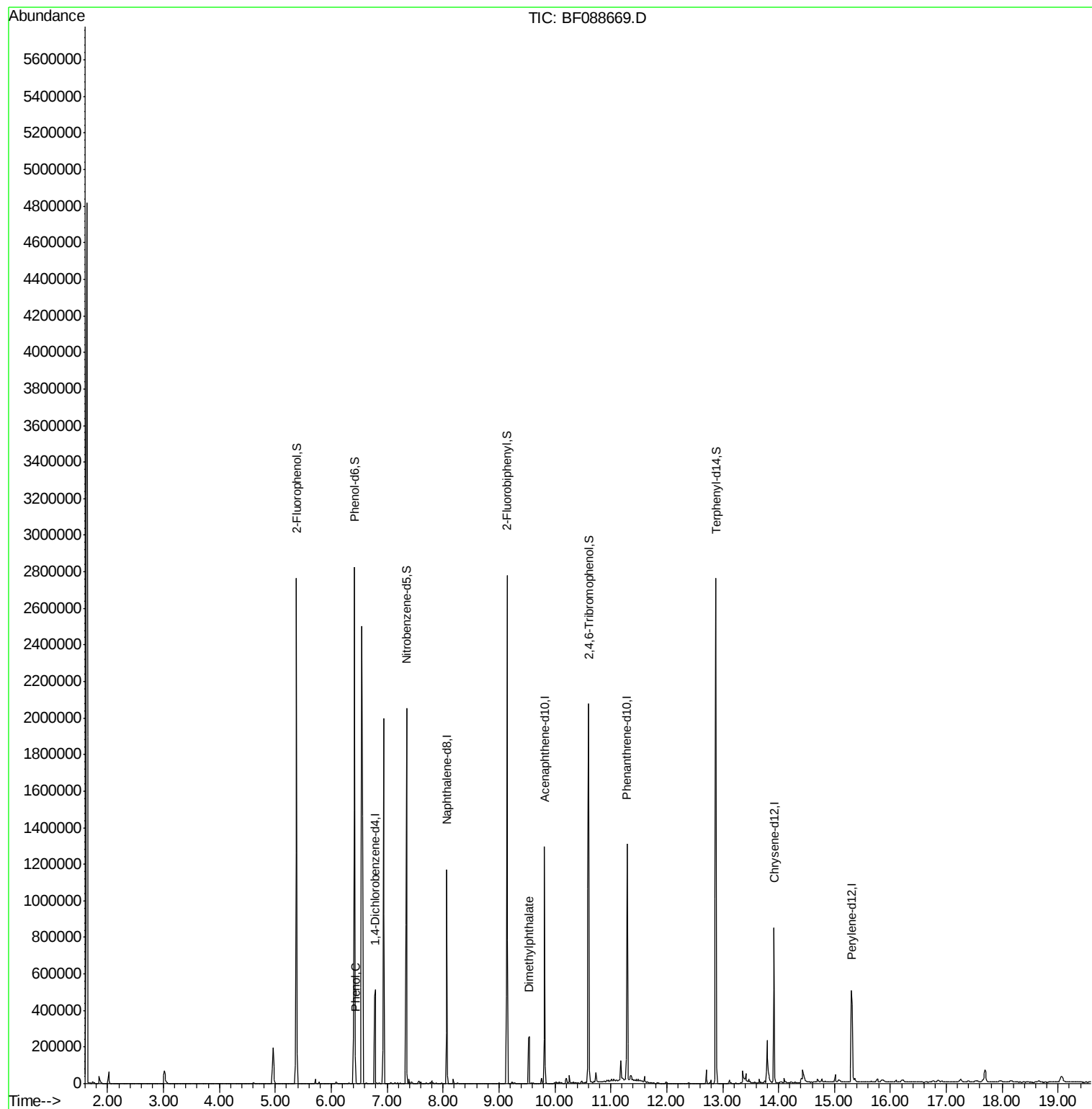
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114508	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	496142	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	232174	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	419293	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	335771	20.00	ng	-0.03
86) Perylene-d12	15.31	264	254365	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	832514	108.96	ng	-0.02
7) Phenol-d6	6.42	99	1141350	115.61	ng	-0.02
23) Nitrobenzene-d5	7.35	82	736460	77.79	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	264571	122.71	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	928152	63.15	ng	-0.03
78) Terphenyl-d14	12.88	244	836401	55.48	ng	-0.03
Target Compounds						
10) Phenol	6.43	94	31348	2.78	ng	98
49) Dimethylphthalate	9.54	163	161446	9.76	ng	99

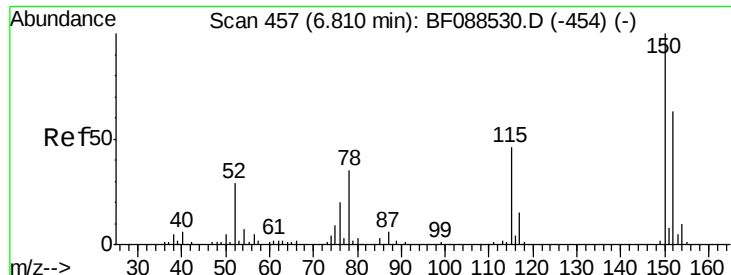
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088669.D

Acq: 4 Jul 2016 1:45

Instrument :

BNA_F

ClientSampleId :

BS-4A-9.5-10FT

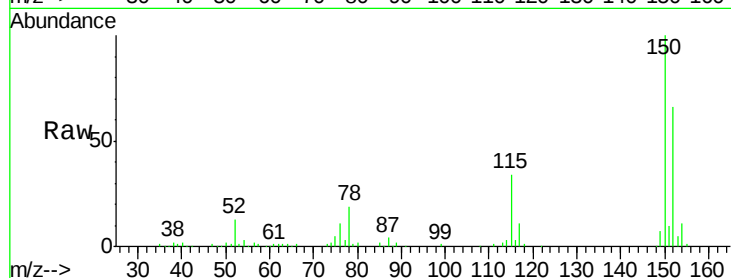
Tot Ion:152 Resp: 114508

Ion Ratio Lower Upper

152 100

150 152.5 123.8 185.6

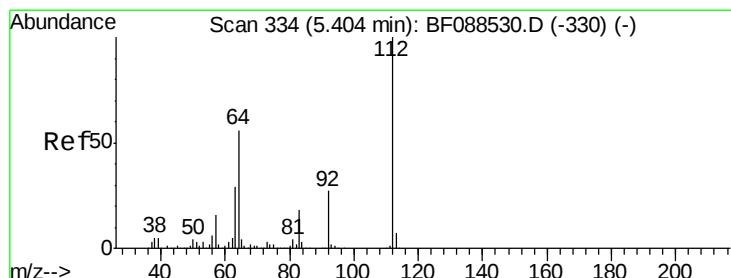
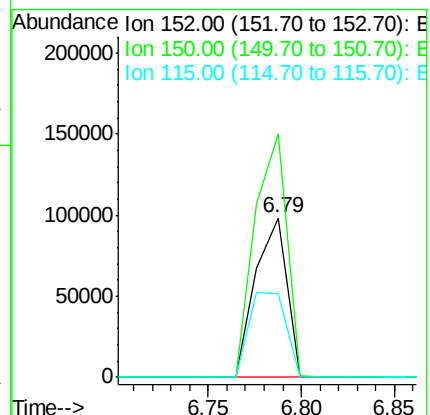
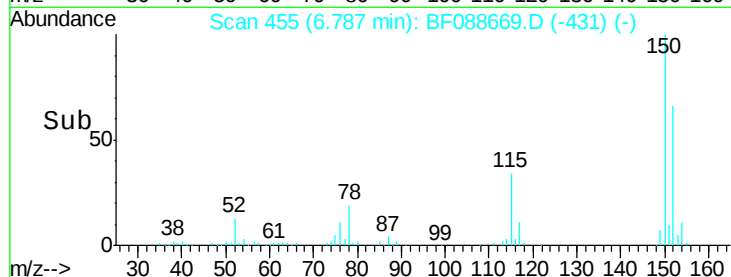
115 52.4 39.6 59.4



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: 108.96 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088669.D

Acq: 4 Jul 2016 1:45

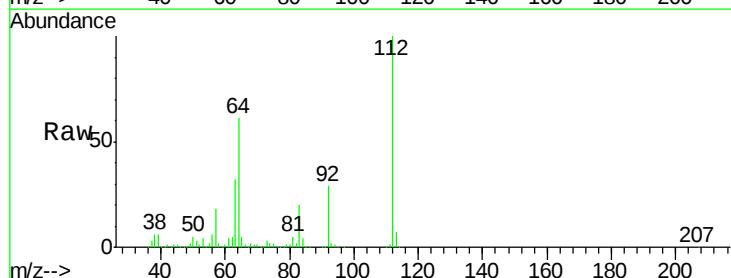
Tgt Ion:112 Resp: 832514

Ion Ratio Lower Upper

112 100

64 60.9 42.2 63.2

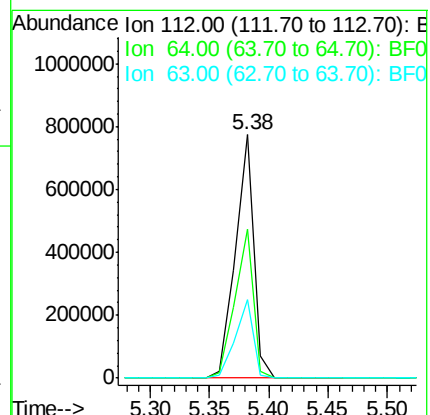
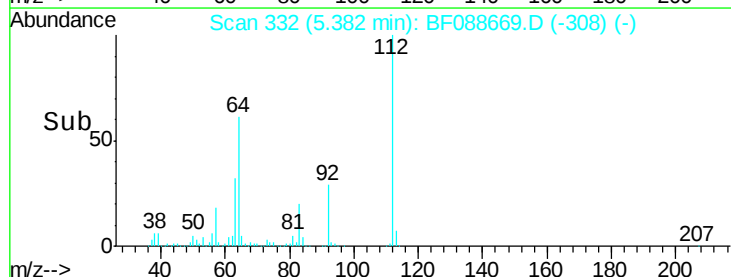
63 32.0 21.8 32.8



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: 115.61 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088669.D

Acq: 4 Jul 2016 1:45

Instrument :

BNA_F

ClientSampleId :

BS-4A-9.5-10FT

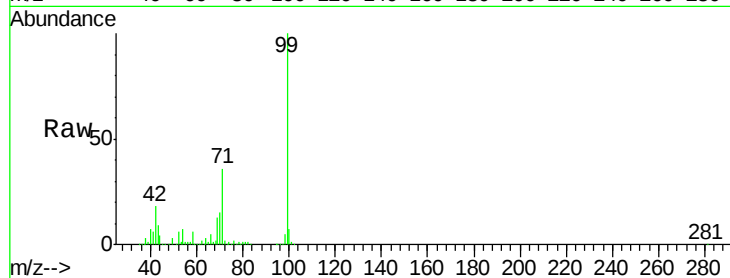
Tot Ion: 99 Resp: 1141350

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

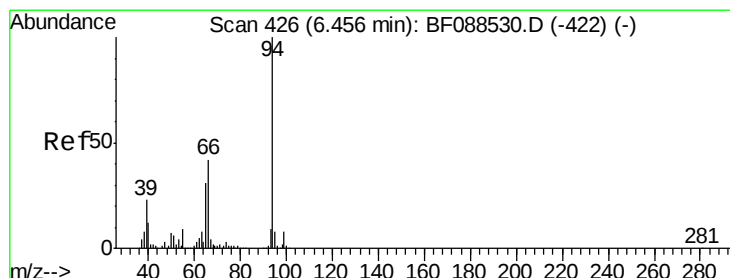
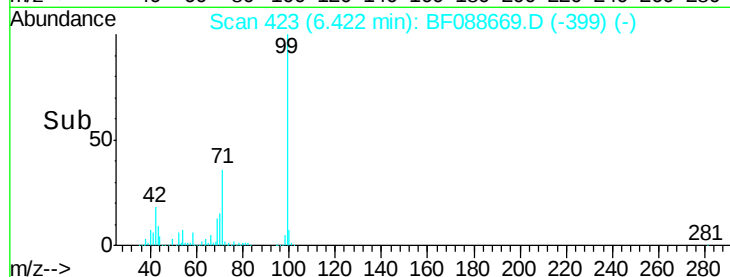
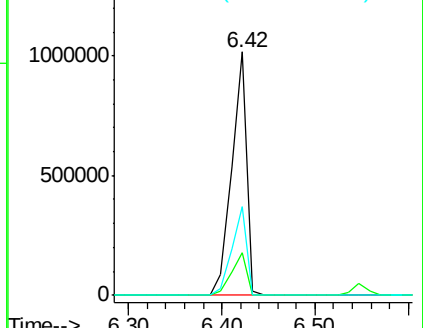
71 36.4 23.4 35.0#



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



#10

Phenol

Concen: 2.78 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088669.D

Acq: 4 Jul 2016 1:45

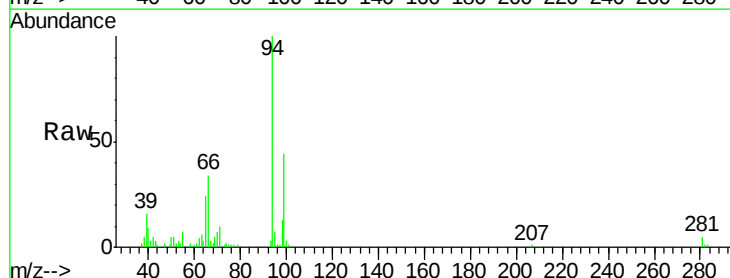
Tgt Ion: 94 Resp: 31348

Ion Ratio Lower Upper

94 100

65 24.3 5.9 45.9

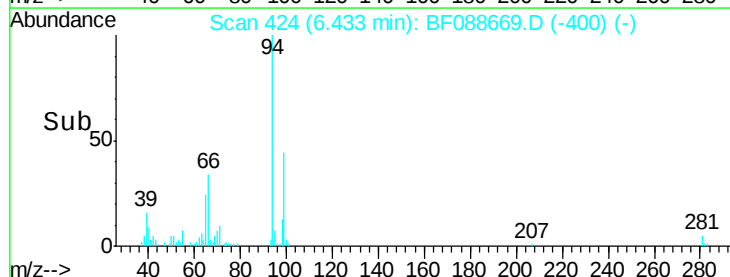
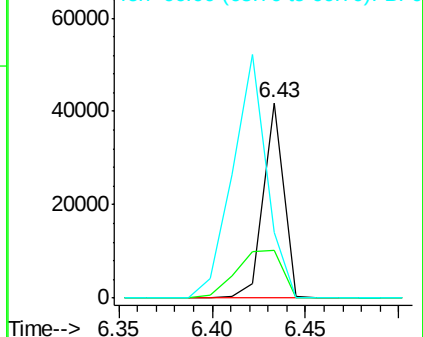
66 33.8 14.0 54.0

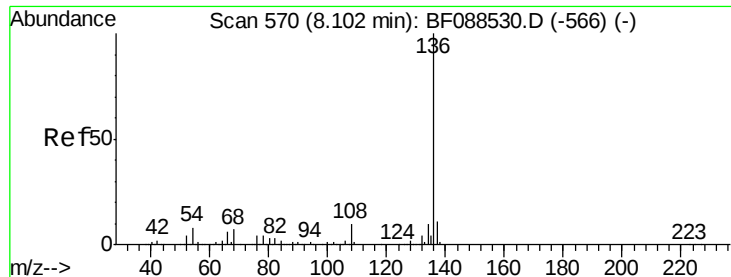


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088669.D

Acq: 4 Jul 2016 1:45

Instrument :

BNA_F

ClientSampleId :

BS-4A-9.5-10FT

Tot Ion:136 Resp: 496142

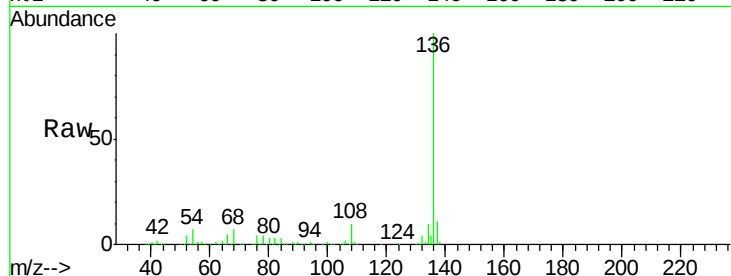
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.5 6.6 10.0

68 6.6 5.1 7.7

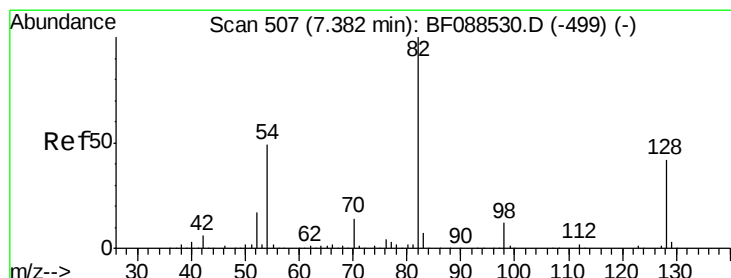
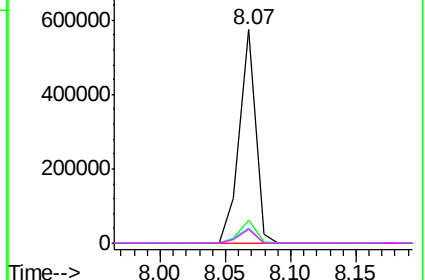
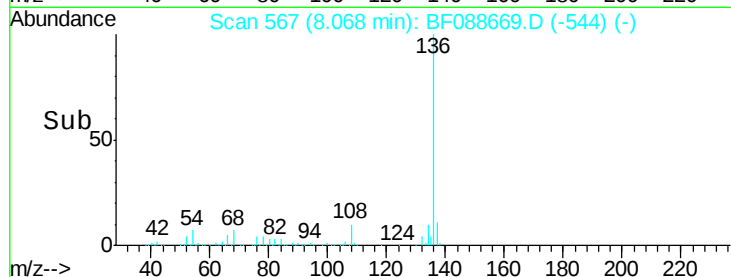


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.79 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088669.D

Acq: 4 Jul 2016 1:45

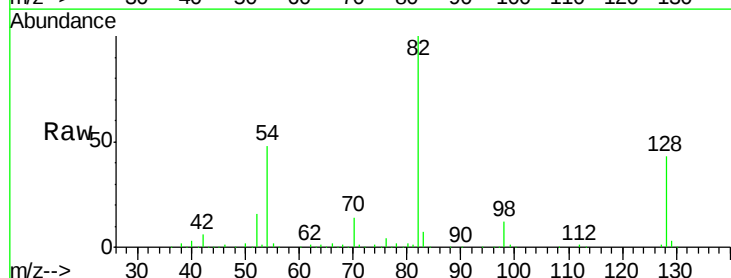
Tgt Ion: 82 Resp: 736460

Ion Ratio Lower Upper

82 100

128 42.8 35.9 53.9

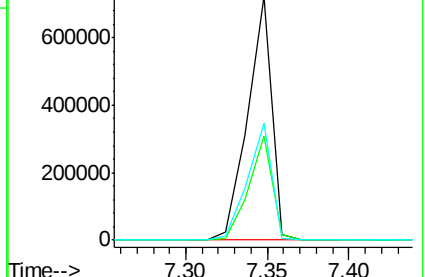
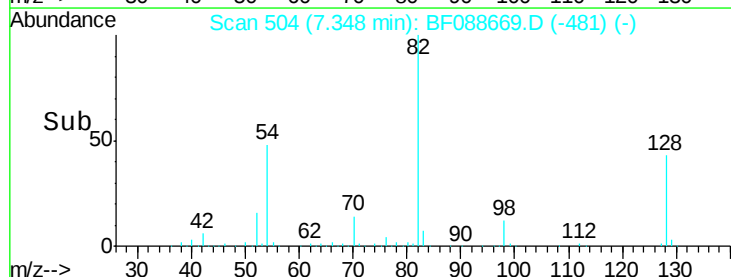
54 48.1 40.9 61.3

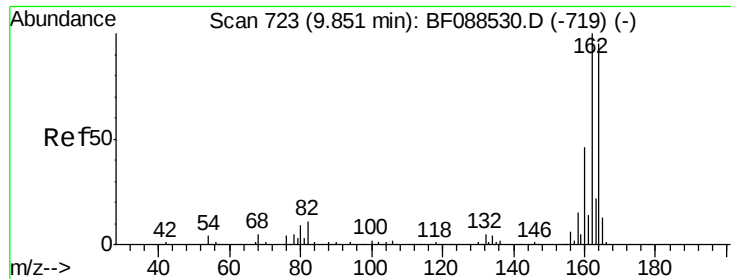


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

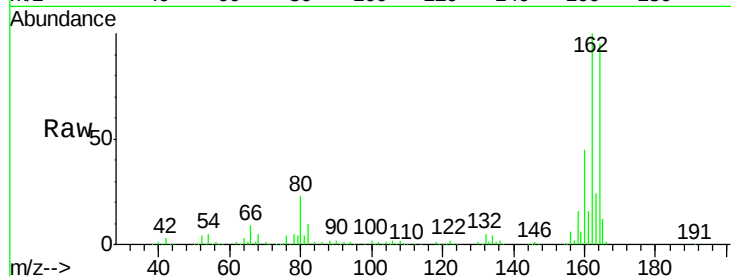




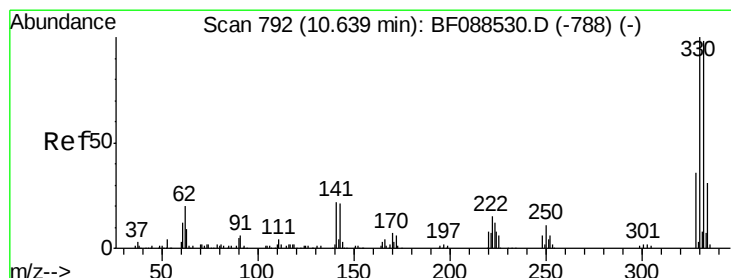
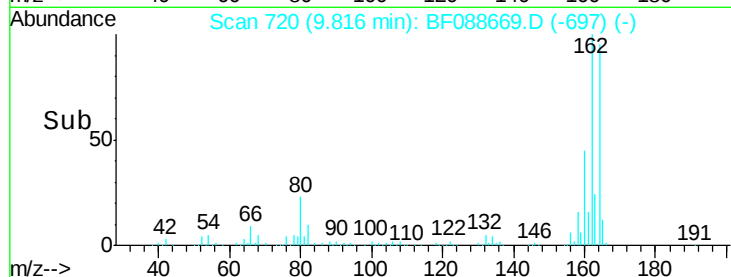
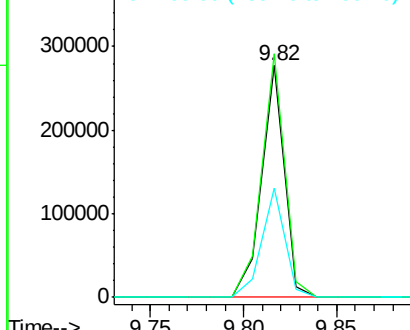
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088669.D
Acq: 4 Jul 2016 1:45

Instrument :
BNA_F
ClientSampleId :
BS-4A-9.5-10FT

Tot Ion:164 Resp: 232174
Ion Ratio Lower Upper
164 100
162 105.1 85.4 128.2
160 47.3 39.5 59.3

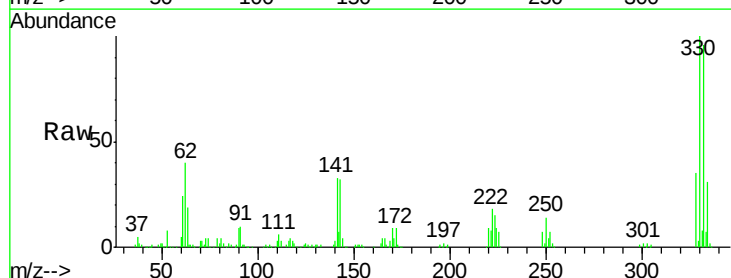


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

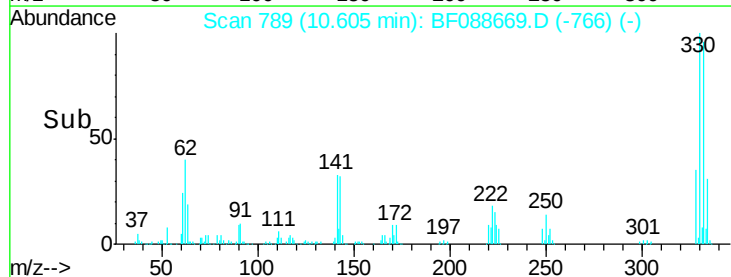
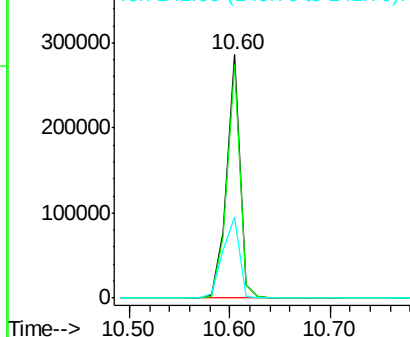


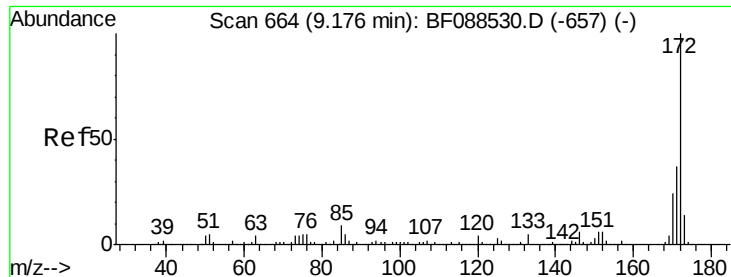
#41
2,4,6-Tribromophenol
Concen: 122.71 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088669.D
Acq: 4 Jul 2016 1:45

Tgt Ion:330 Resp: 264571
Ion Ratio Lower Upper
330 100
332 95.7 0.0 0.0#
141 40.9 0.0 0.0#



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

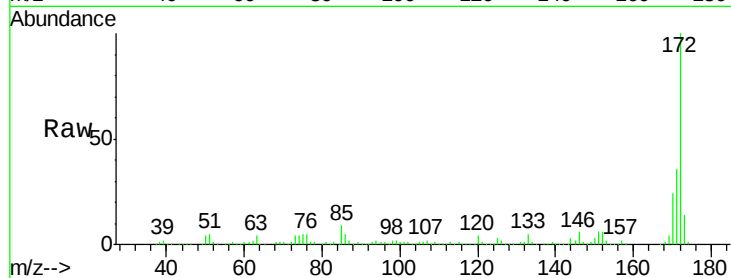




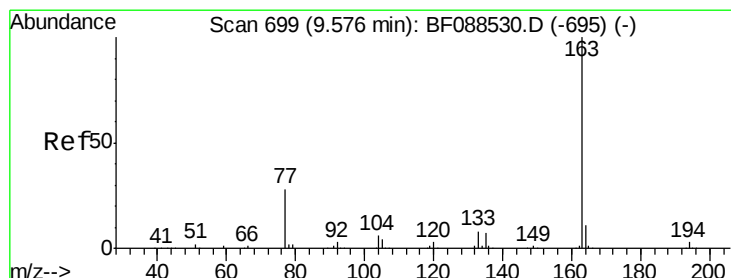
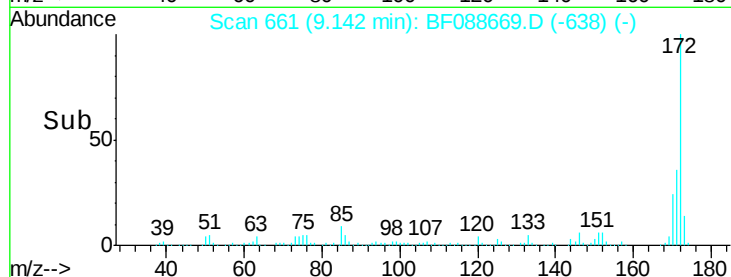
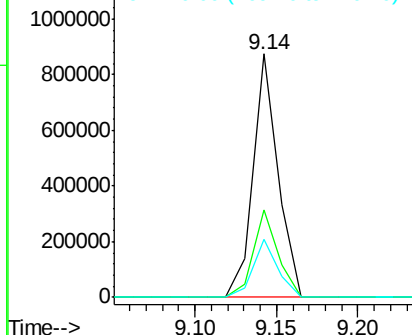
#44
2-Fluorobiphenyl
Concen: 63.15 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF088669.D
Acq: 4 Jul 2016 1:45

Instrument :
BNA_F
ClientSampleId :
BS-4A-9.5-10FT

Tot Ion:172 Resp: 928152
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.1 19.2 28.8

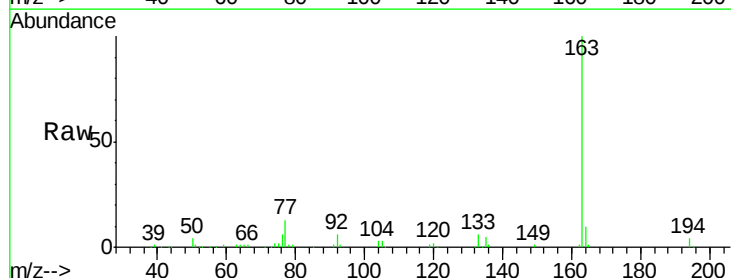


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

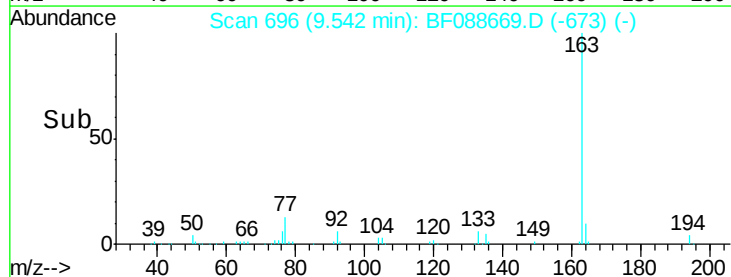
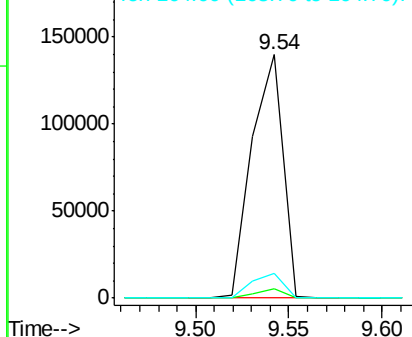


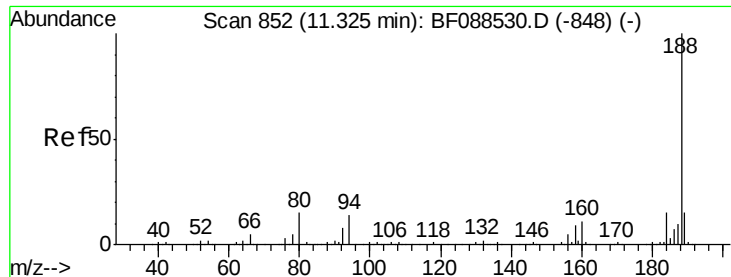
#49
Dimethylphthalate
Concen: 9.76 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088669.D
Acq: 4 Jul 2016 1:45

Tgt Ion:163 Resp: 161446
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 9.9 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

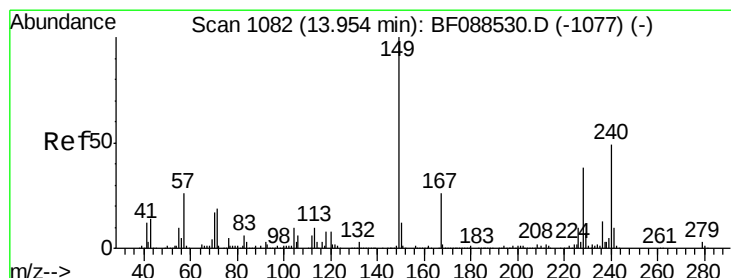
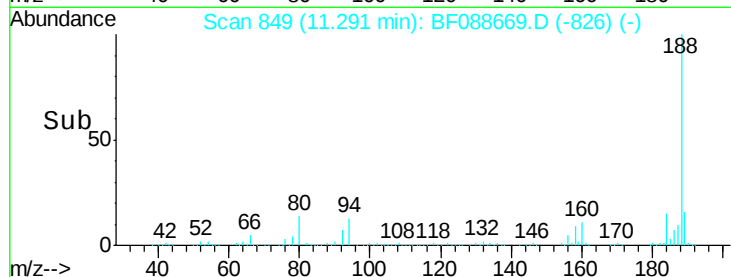
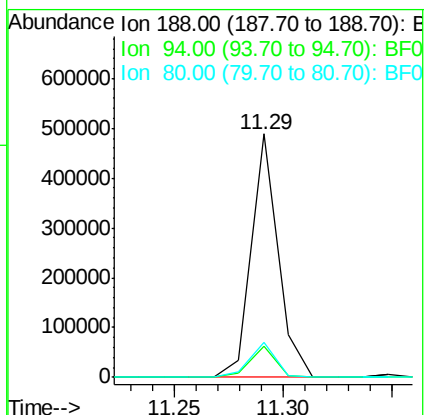
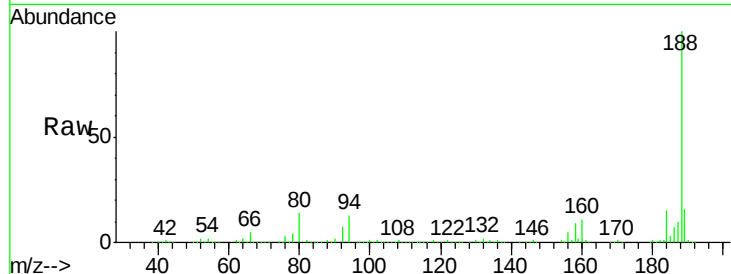




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088669.D
Acq: 4 Jul 2016 1:45

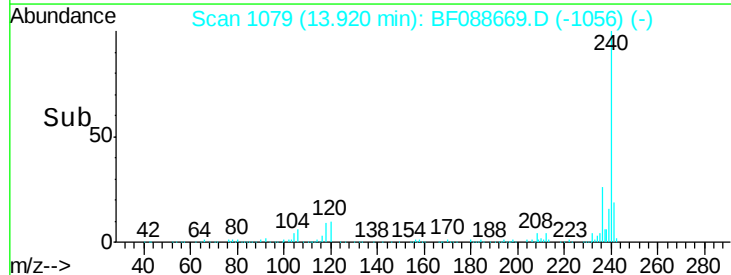
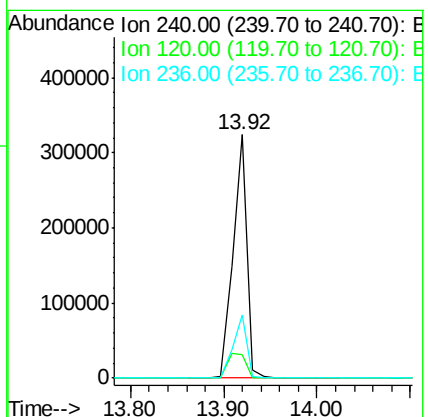
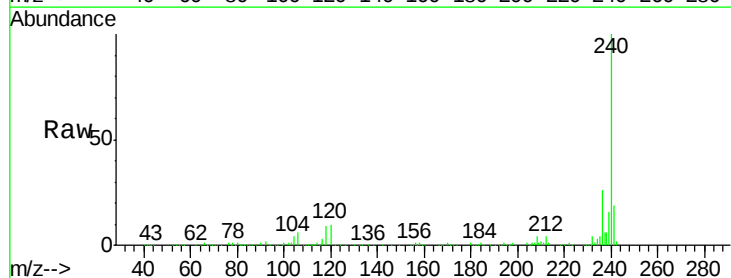
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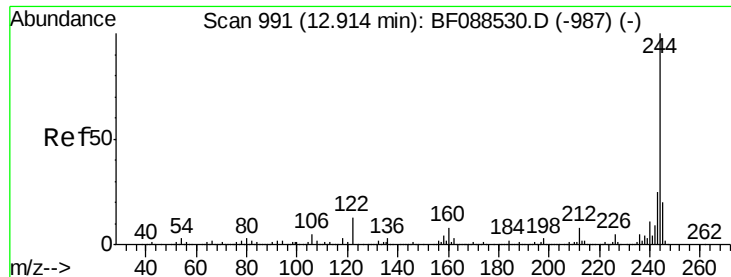
Tot Ion:188 Resp: 419293
Ion Ratio Lower Upper
188 100
94 12.6 9.0 13.6
80 14.4 10.0 15.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088669.D
Acq: 4 Jul 2016 1:45

Tgt Ion:240 Resp: 335771
Ion Ratio Lower Upper
240 100
120 9.7 6.8 10.2
236 26.1 20.2 30.2

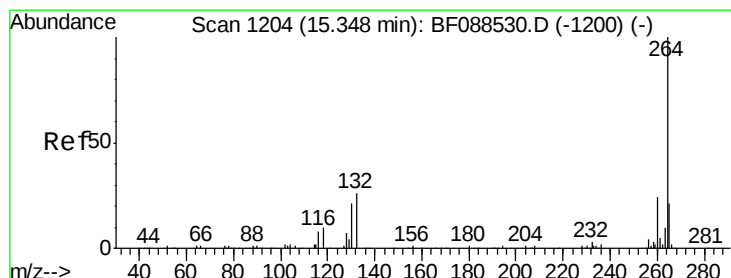
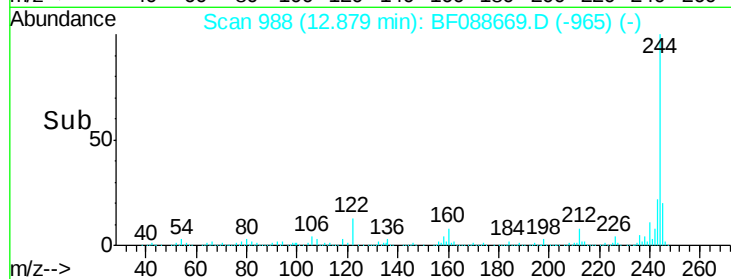
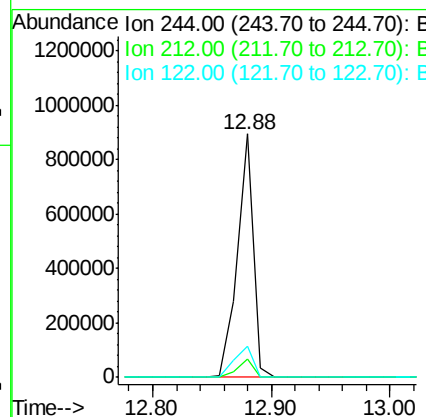
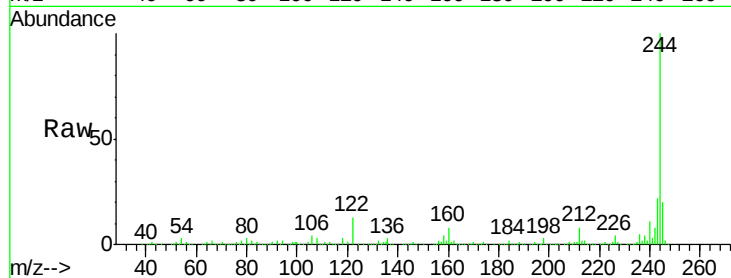




#78
 Terphenyl-d14
 Concen: 55.48 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088669.D
 Acq: 4 Jul 2016 1:45

Instrument :
 BNA_F
 ClientSampleId :
 BS-4A-9.5-10FT

Tot Ion:244 Resp: 836401
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 12.9 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088669.D
 Acq: 4 Jul 2016 1:45

Tgt Ion:264 Resp: 254365
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.5 16.9 25.3

