

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
 Data File : BF088801.D
 Acq On : 8 Jul 2016 2:01
 Operator : UM/SJ
 Sample : H3889-08 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Quant Time: Jul 08 04:05:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 01:56:42 2016
 Response via : Initial Calibration

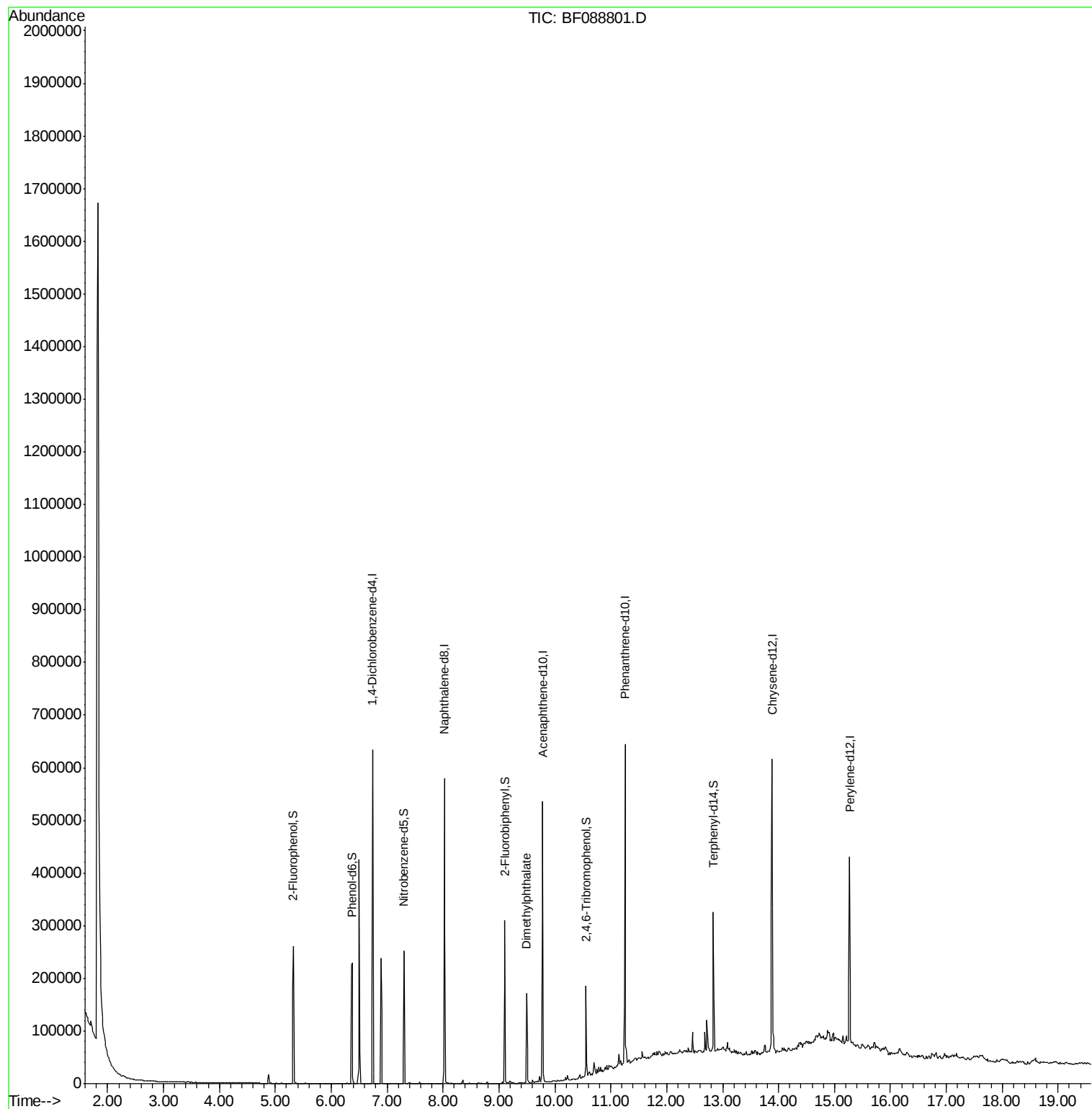
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	89880	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	309205	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	125399	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	201238	20.00	ng	0.00
75) Chrysene-d12	13.89	240	185044	20.00	ng	0.00
86) Perylene-d12	15.27	264	137481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	96331	16.06	ng	0.00
7) Phenol-d6	6.38	99	123821	15.98	ng	-0.01
23) Nitrobenzene-d5	7.30	82	78093	13.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	17111	14.69	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	122094	15.38	ng	0.00
78) Terphenyl-d14	12.83	244	76907	9.26	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.50	163	73552	8.23	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: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088801.D

Acq: 8 Jul 2016 2:01

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BNA_F

ClientSampleId :

SS-8

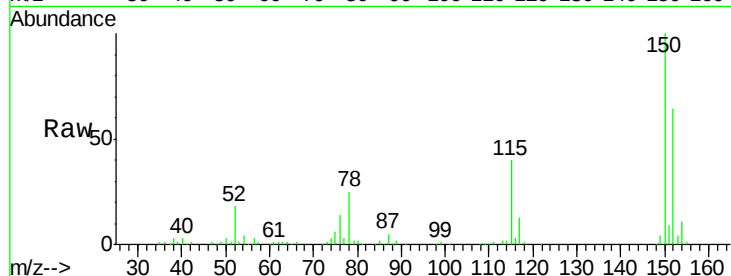
Tot Ion:152 Resp: 89880

Ion Ratio Lower Upper

152 100

150 155.7 123.8 185.6

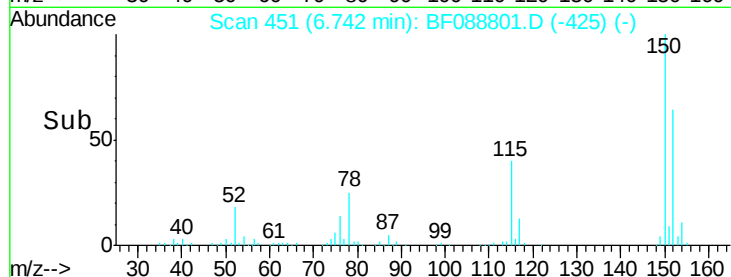
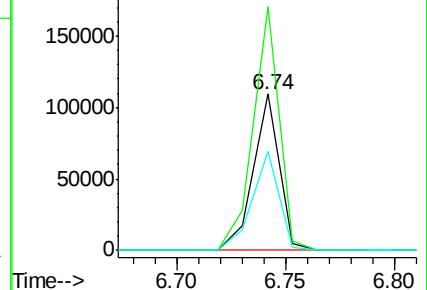
115 62.9 39.6 59.4#



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: 16.06 ng

RT: 5.32 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF088801.D

Acq: 8 Jul 2016 2:01

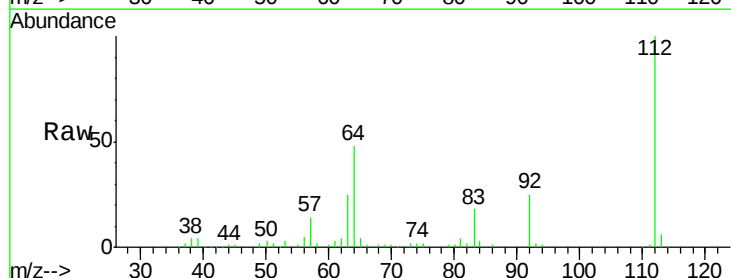
Tgt Ion:112 Resp: 96331

Ion Ratio Lower Upper

112 100

64 47.6 42.2 63.2

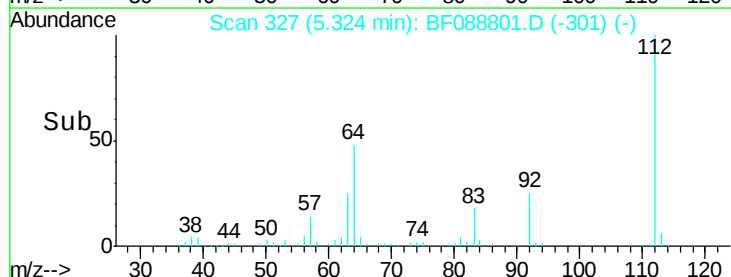
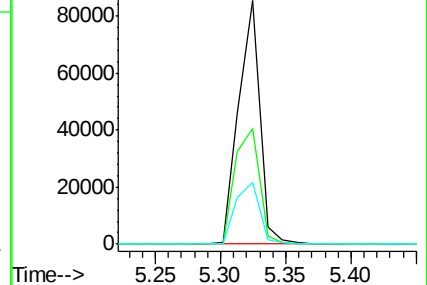
63 25.4 21.8 32.8



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: 15.98 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF088801.D

Acq: 8 Jul 2016 2:01

Instrument :

BNA_F

ClientSampleId :

SS-8

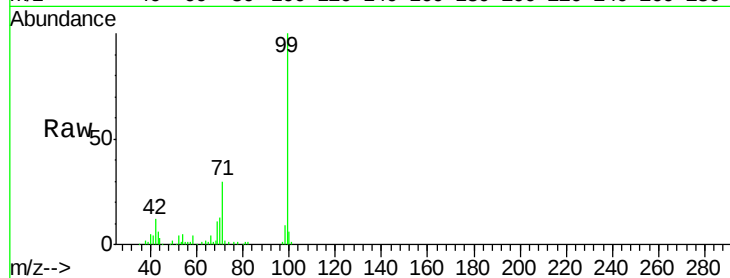
Tot Ion: 99 Resp: 123821

Ion Ratio Lower Upper

99 100

42 11.9 12.2 18.2#

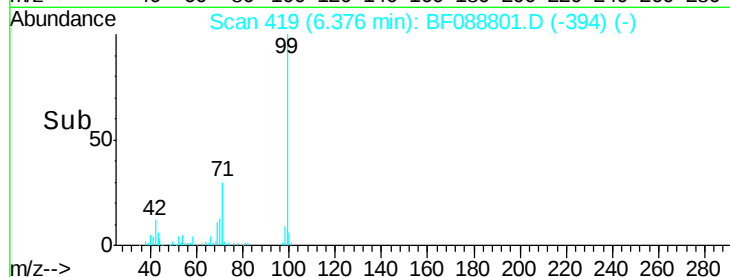
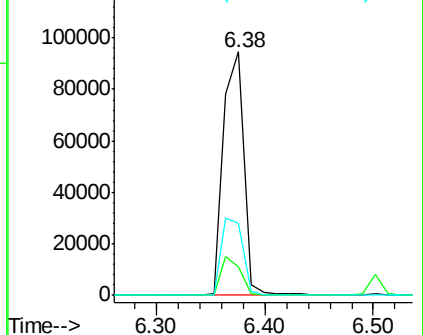
71 29.7 23.4 35.0



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: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF088801.D

Acq: 8 Jul 2016 2:01

Tgt Ion: 136 Resp: 309205

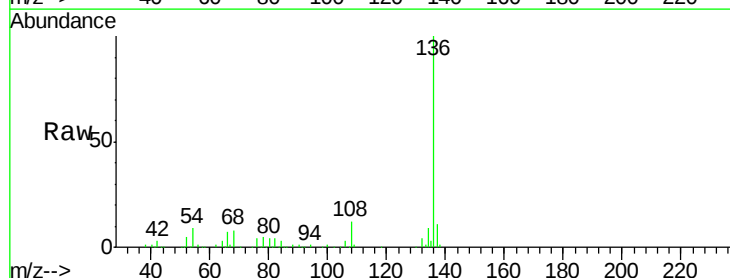
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.3 6.6 10.0

68 7.5 5.1 7.7

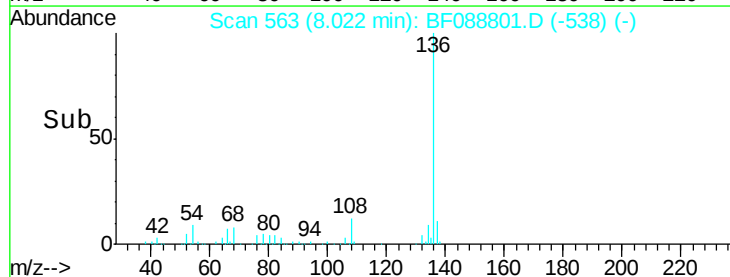
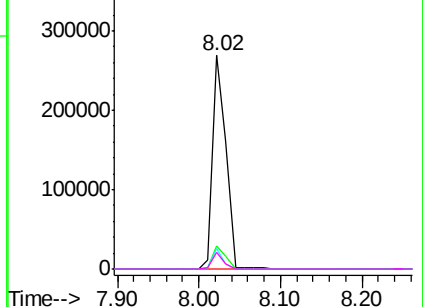


Abundance Ion 136.00 (135.70 to 136.70): E

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

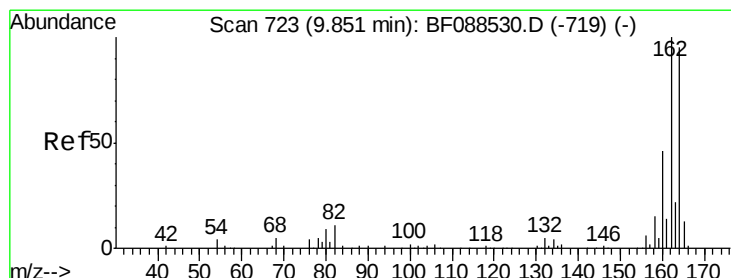
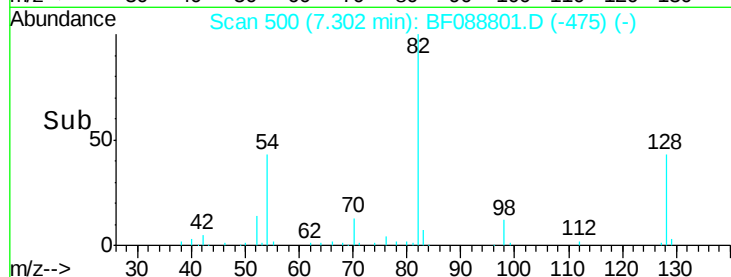
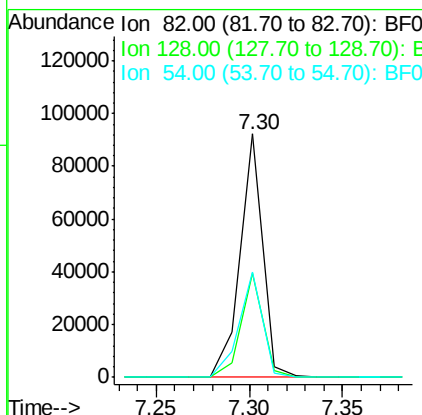
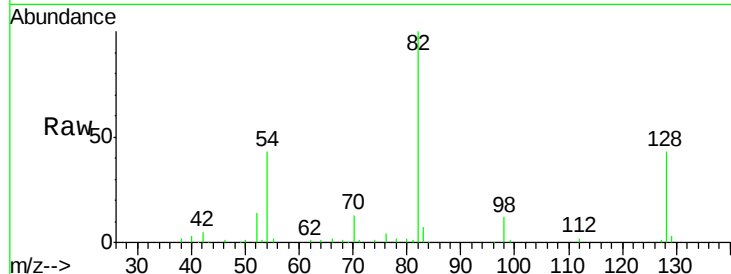




#23
 Nitrobenzene-d5
 Concen: 13.24 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF088801.D
 Acq: 8 Jul 2016 2:01

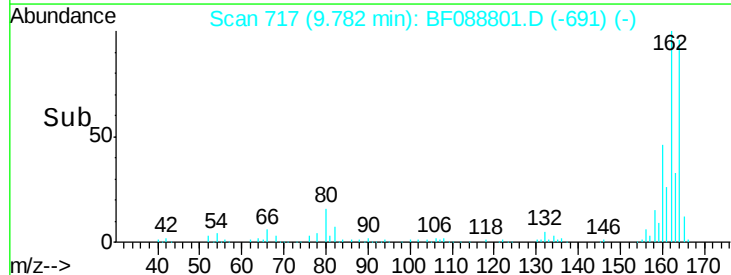
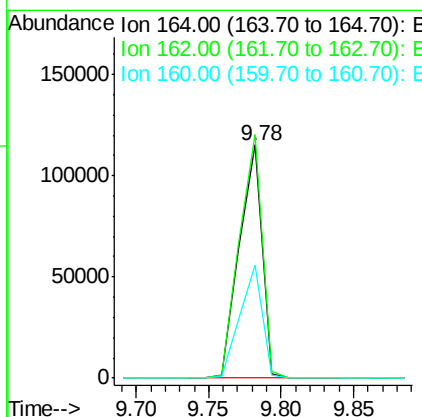
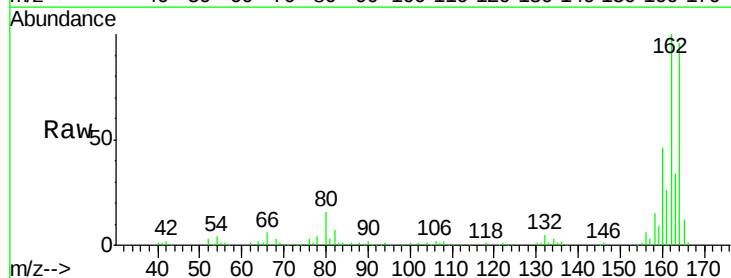
Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Tot Ion: 82 Resp: 78093
 Ion Ratio Lower Upper
 82 100
 128 43.0 35.9 53.9
 54 43.5 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088801.D
 Acq: 8 Jul 2016 2:01

Tgt Ion:164 Resp: 125399
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.4 128.2
 160 48.3 39.5 59.3

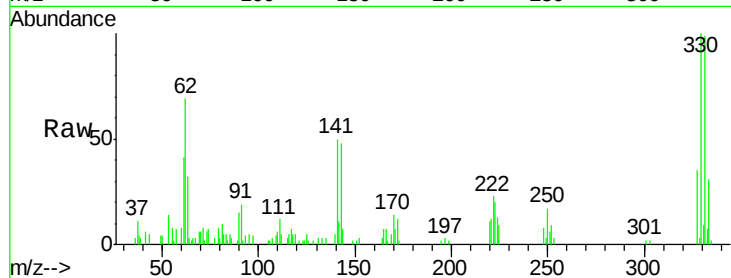




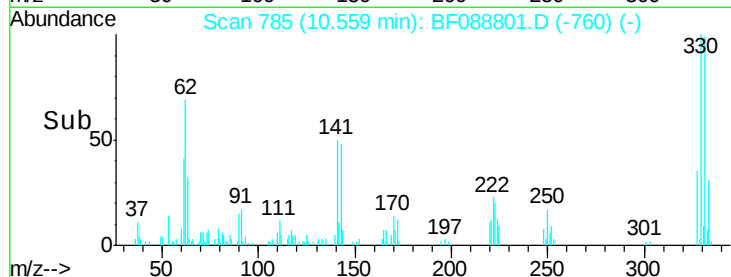
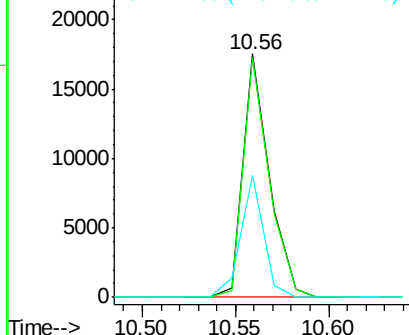
#41
 2,4,6-Tribromophenol
 Concen: 14.69 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF088801.D
 Acq: 8 Jul 2016 2:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Tot Ion:330 Resp: 17111
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 44.4 0.0 0.0#

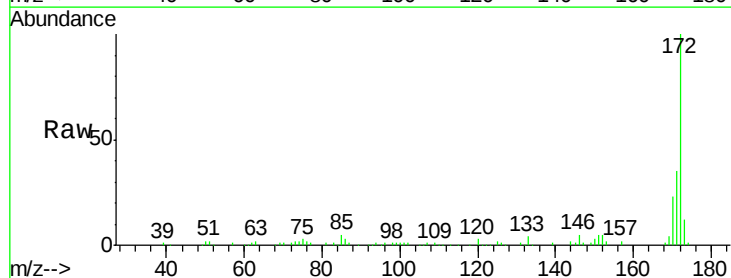


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

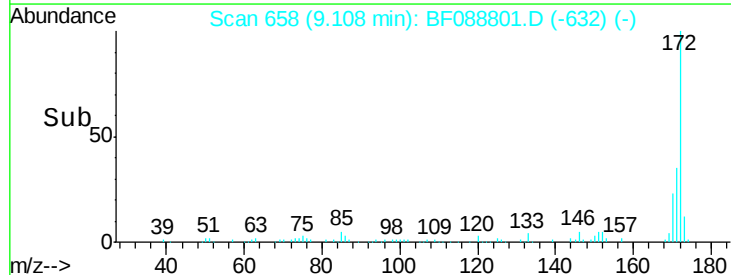
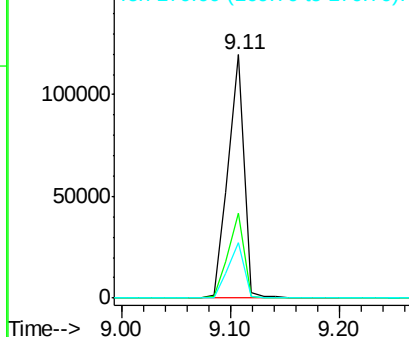


#44
 2-Fluorobiphenyl
 Concen: 15.38 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088801.D
 Acq: 8 Jul 2016 2:01

Tgt Ion:172 Resp: 122094
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 43.0
 170 22.7 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

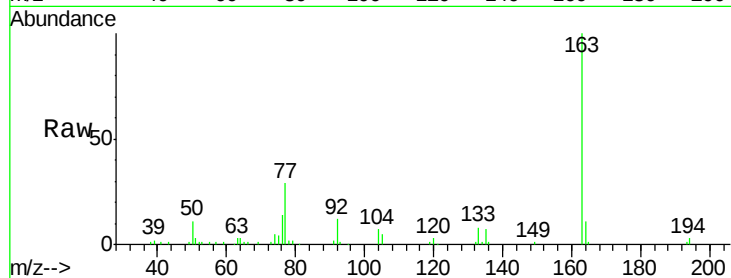




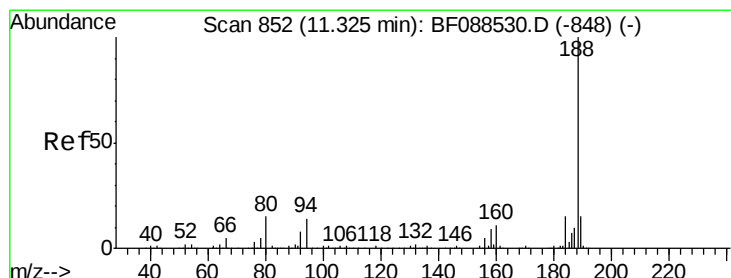
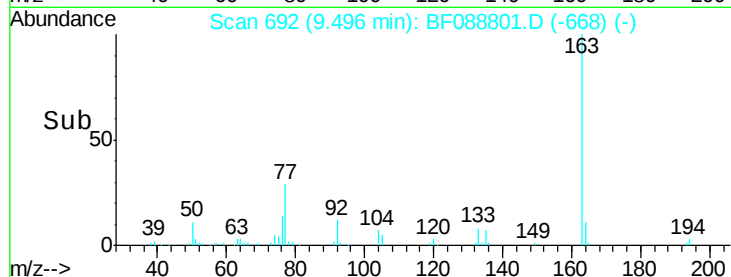
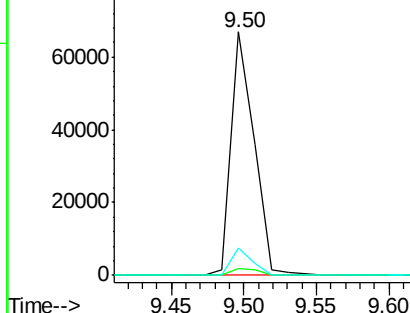
#49
Dimethylphthalate
Concen: 8.23 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.02 min
Lab File: BF088801.D
Acq: 8 Jul 2016 2:01

Instrument :
BNA_F
ClientSampleId :
SS-8

Tot Ion:163 Resp: 73552
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 11.0 8.3 12.5

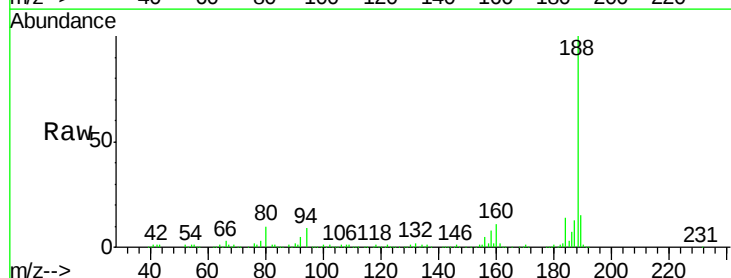


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

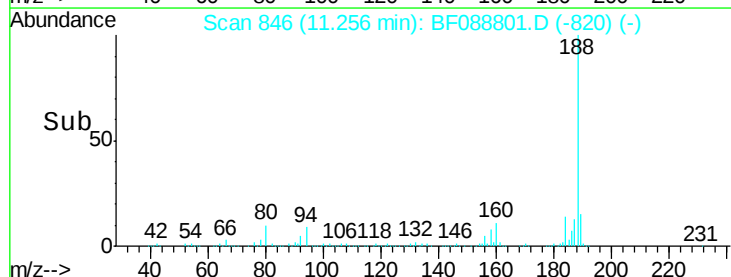
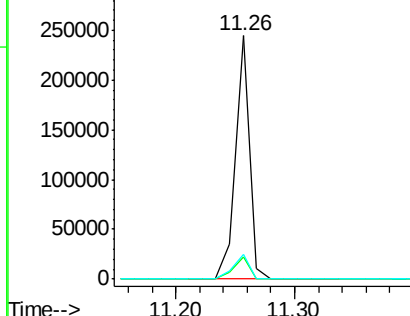


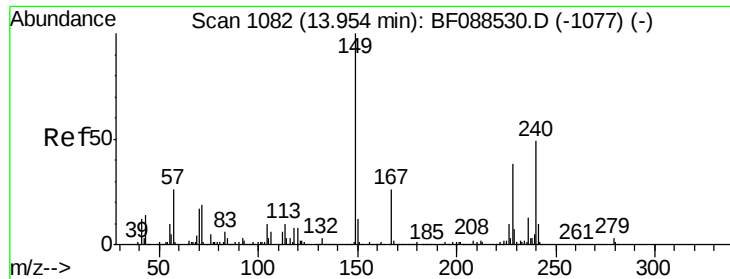
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088801.D
Acq: 8 Jul 2016 2:01

Tgt Ion:188 Resp: 201238
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.6
80 10.0 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: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088801.D

Acq: 8 Jul 2016 2:01

Instrument :

BNA_F

ClientSampled :

SS-8

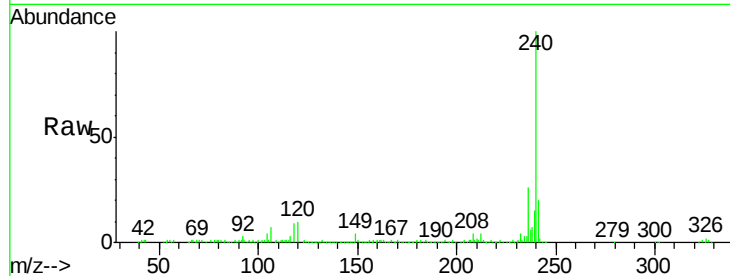
Tot Ion:240 Resp: 185044

Ion Ratio Lower Upper

240 100

120 9.6 6.8 10.2

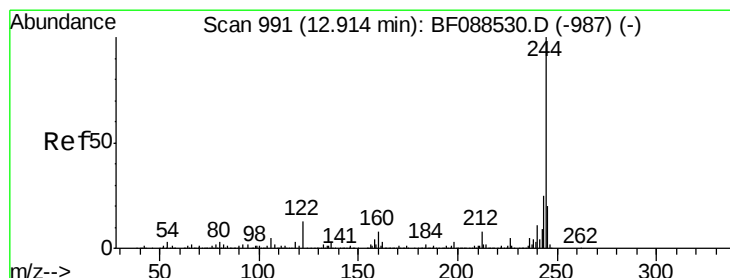
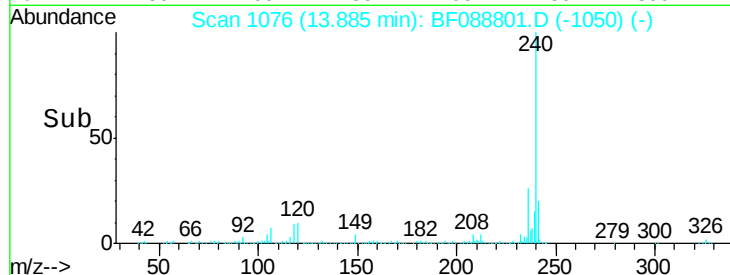
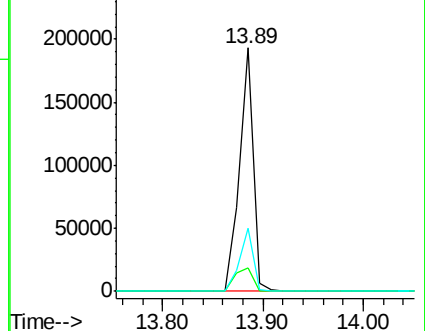
236 26.1 20.2 30.2



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: 9.26 ng

RT: 12.83 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF088801.D

Acq: 8 Jul 2016 2:01

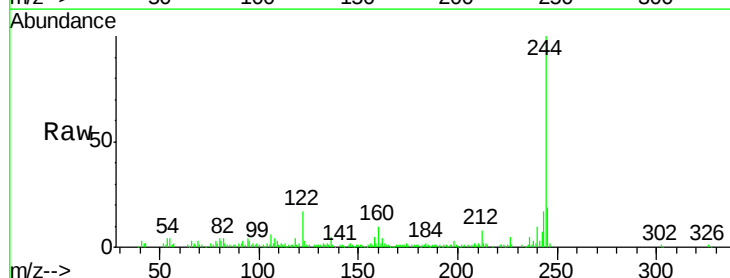
Tgt Ion:244 Resp: 76907

Ion Ratio Lower Upper

244 100

212 8.3 6.0 9.0

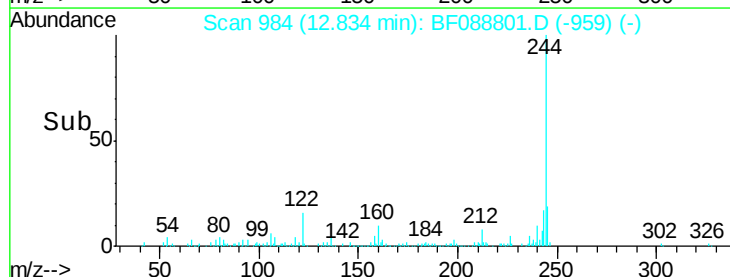
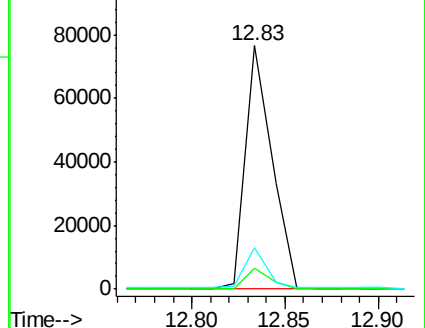
122 16.8 11.2 16.8#

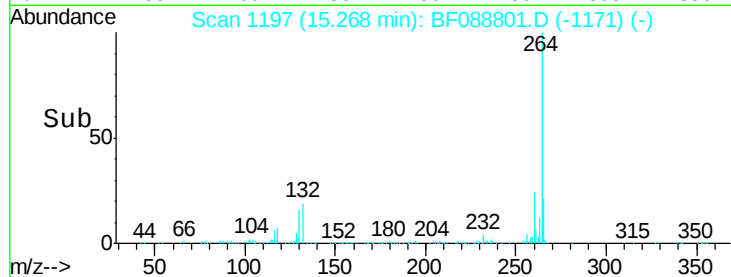
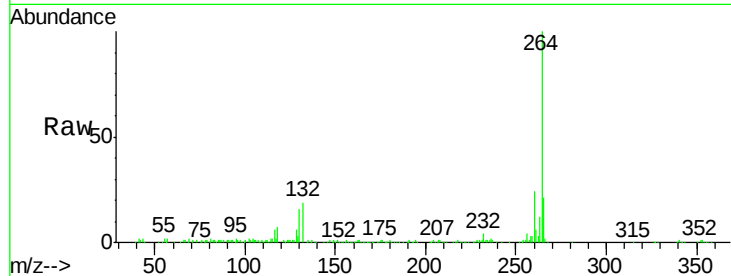
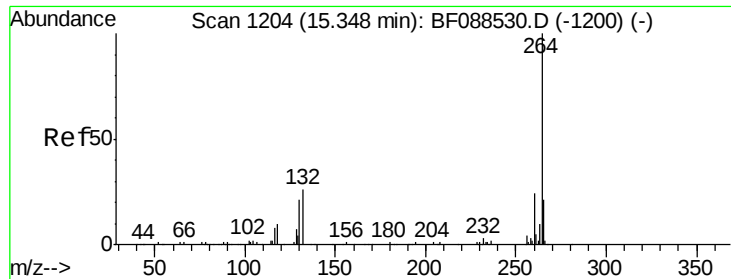


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF088801.D

Acq: 8 Jul 2016 2:01

Instrument :

BNA_F

ClientSampleId :

SS-8

Tot Ion: 264 Resp: 137481

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.5 16.9 25.3

