

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088746.D
 Acq On : 6 Jul 2016 21:00
 Operator : UM/SJ
 Sample : H3880-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.2-07

Quant Time: Jul 07 01:31:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

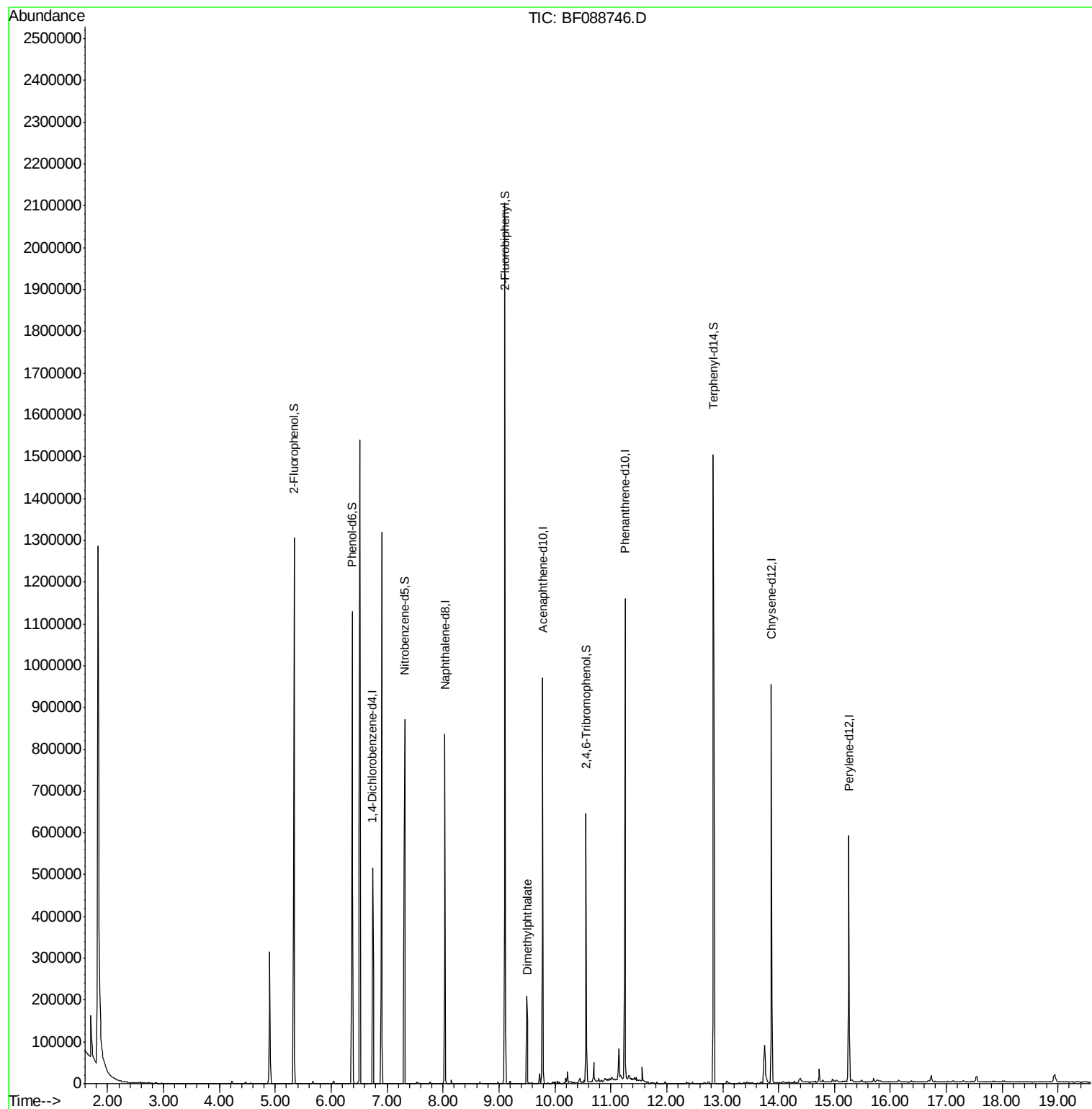
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	88664	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	401175	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	200925	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	388134	20.00	ng	0.00
75) Chrysene-d12	13.87	240	293236	20.00	ng	-0.01
86) Perylene-d12	15.26	264	237948	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	351798	59.47	ng	0.00
7) Phenol-d6	6.38	99	485430	63.50	ng	-0.01
23) Nitrobenzene-d5	7.31	82	365334	47.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	61731	33.09	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	595193	46.79	ng	-0.01
78) Terphenyl-d14	12.83	244	598656	45.47	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.51	163	114935	8.03	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. -0.01 min

Lab File: BF088746.D

Acq: 6 Jul 2016 21:00

Instrument :

BNA_F

ClientSampleId :

C2.2-07

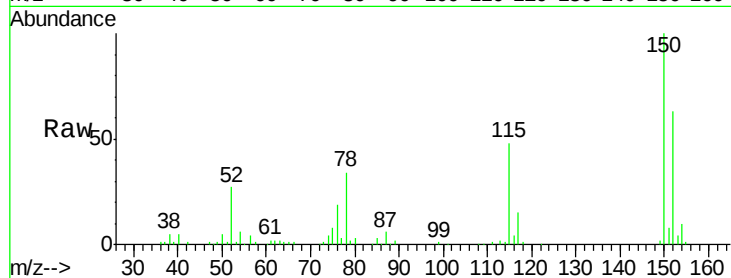
Tot Ion:152 Resp: 88664

Ion Ratio Lower Upper

152 100

150 158.9 123.8 185.6

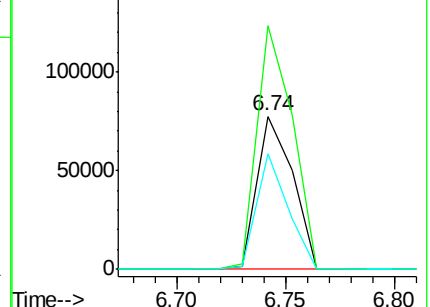
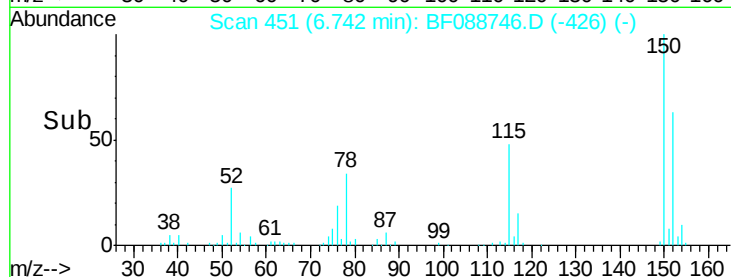
115 75.6 39.6 59.4#



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: 59.47 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF088746.D

Acq: 6 Jul 2016 21:00

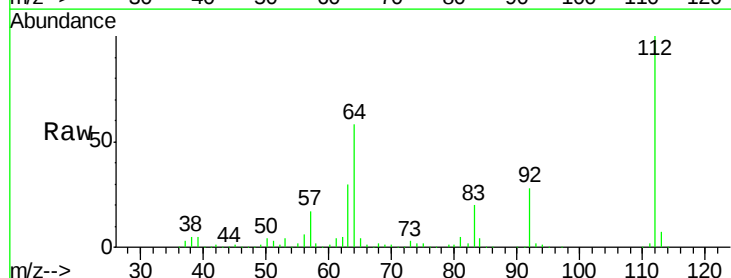
Tgt Ion:112 Resp: 351798

Ion Ratio Lower Upper

112 100

64 58.3 42.2 63.2

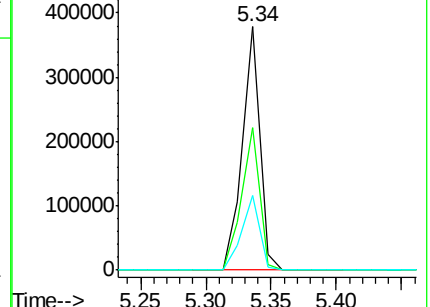
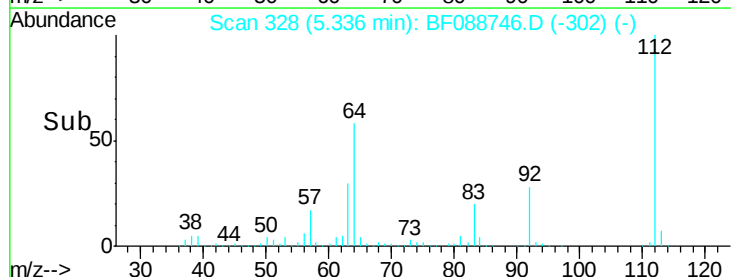
63 30.5 21.8 32.8



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: 63.50 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF088746.D

Acq: 6 Jul 2016 21:00

Instrument :

BNA_F

ClientSampled :

C2.2-07

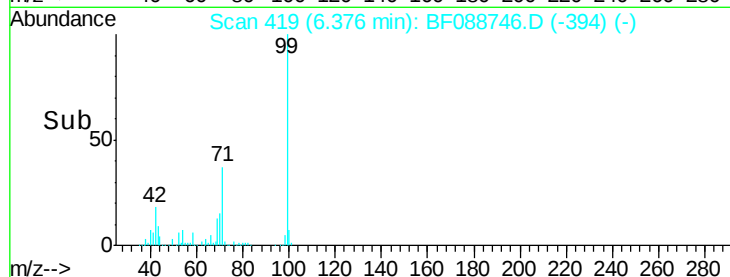
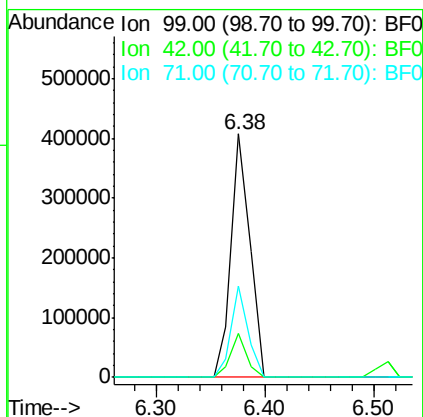
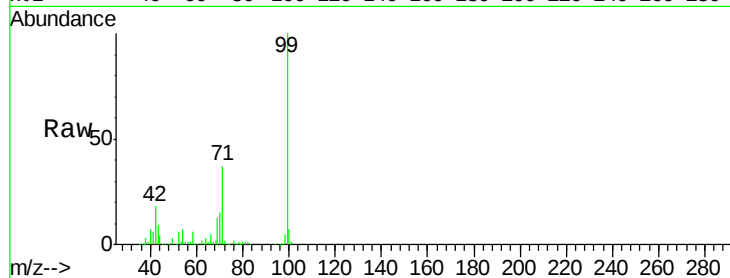
Tot Ion: 99 Resp: 485430

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

71 37.5 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088746.D

Acq: 6 Jul 2016 21:00

Tgt Ion: 136 Resp: 401175

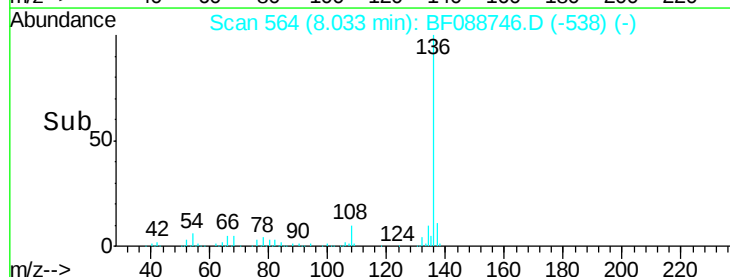
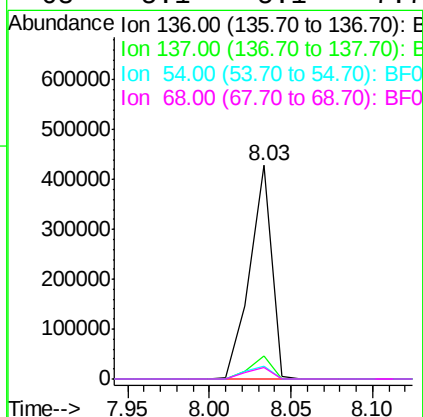
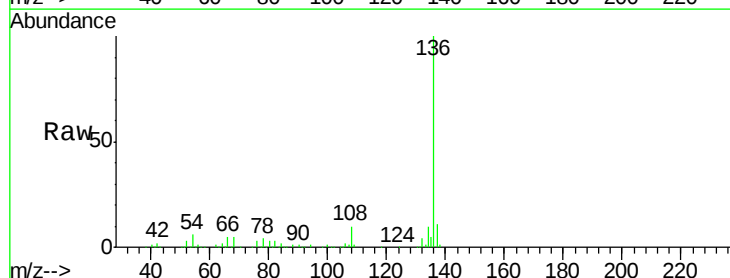
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.2 6.6 10.0#

68 5.1 5.1 7.7

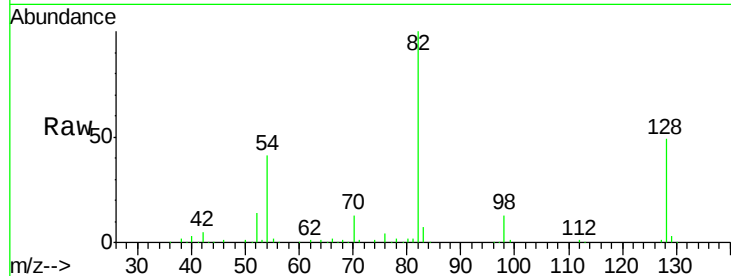




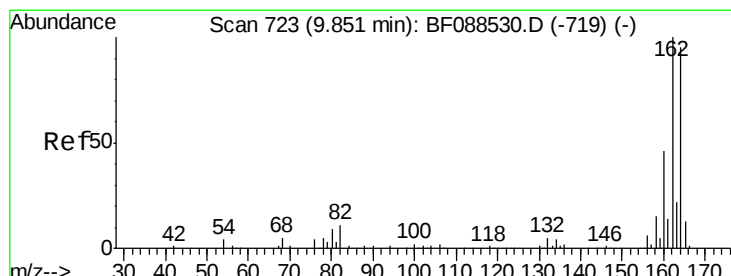
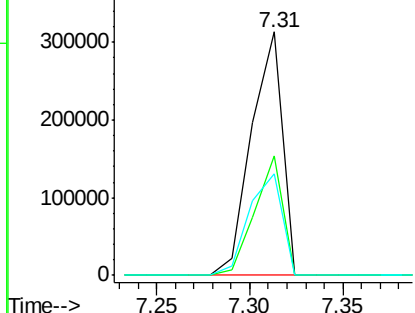
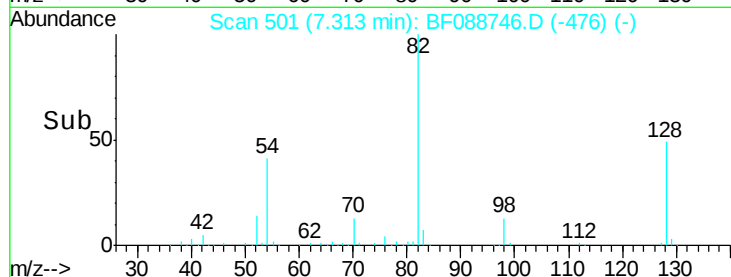
#23
 Nitrobenzene-d5
 Concen: 47.72 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF088746.D
 Acq: 6 Jul 2016 21:00

Instrument :
 BNA_F
 ClientSampled :
 C2.2-07

Tot Ion: 82 Resp: 365334
 Ion Ratio Lower Upper
 82 100
 128 49.0 35.9 53.9
 54 41.5 40.9 61.3

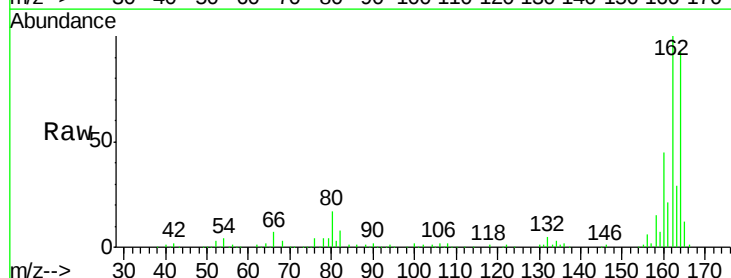


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

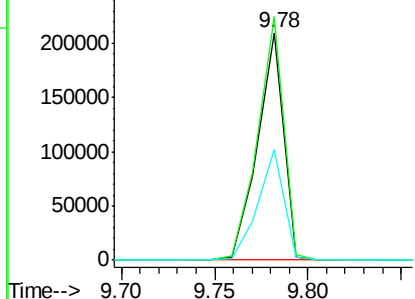
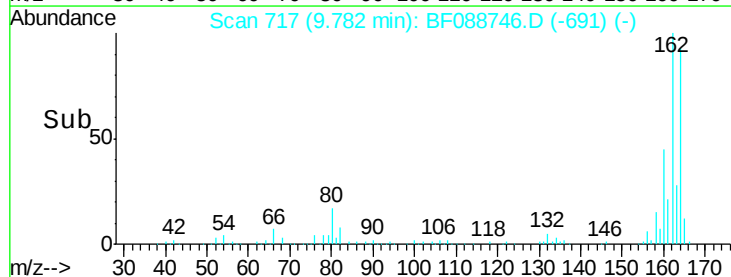


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088746.D
 Acq: 6 Jul 2016 21:00

Tgt Ion: 164 Resp: 200925
 Ion Ratio Lower Upper
 164 100
 162 107.0 85.4 128.2
 160 48.6 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

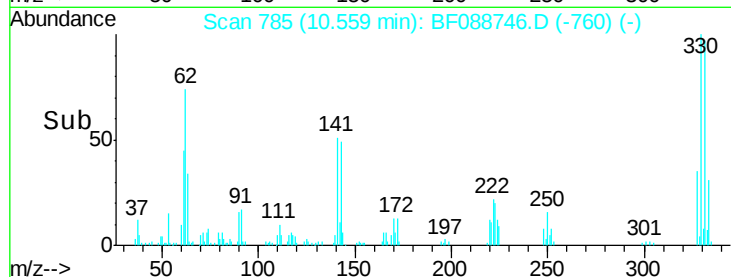
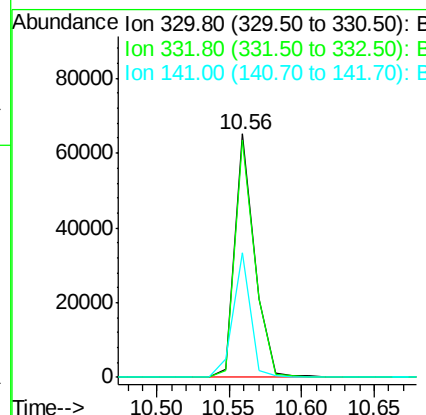
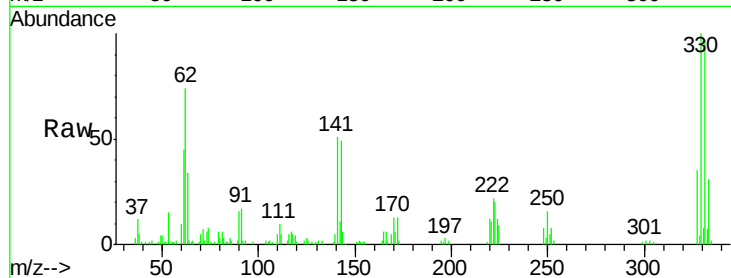




#41
 2,4,6-Tribromophenol
 Concen: 33.09 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF088746.D
 Acq: 6 Jul 2016 21:00

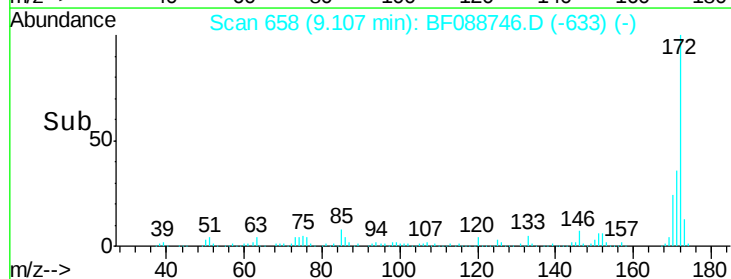
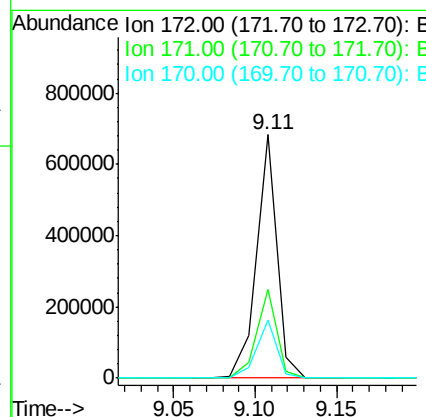
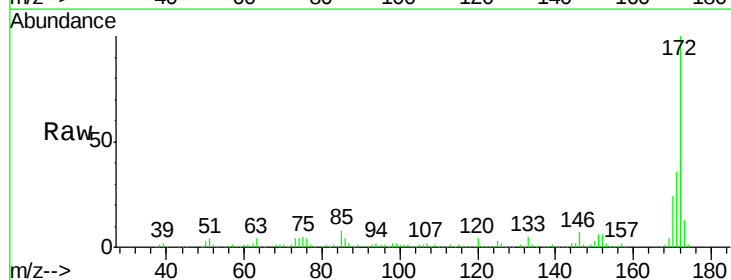
Instrument :
 BNA_F
 ClientSampleId :
 C2.2-07

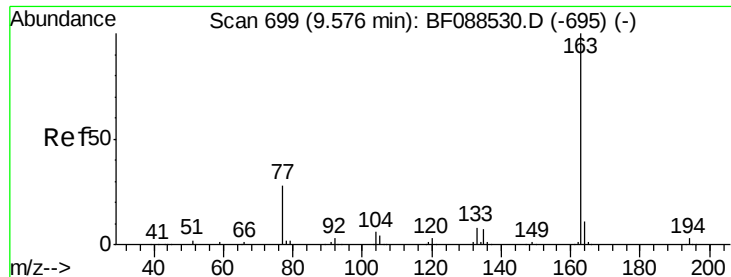
Tot Ion:330 Resp: 61731
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 44.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 46.79 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088746.D
 Acq: 6 Jul 2016 21:00

Tgt Ion:172 Resp: 595193
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.0 19.2 28.8

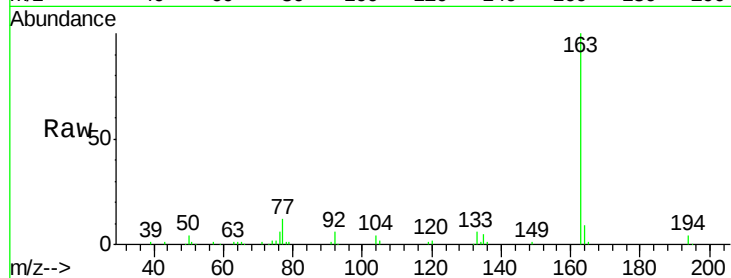




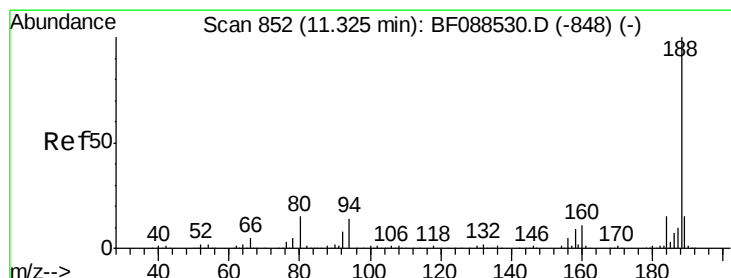
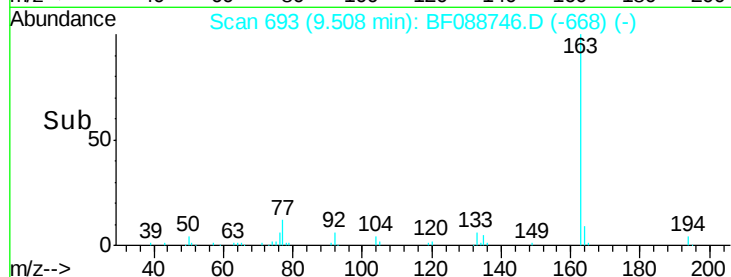
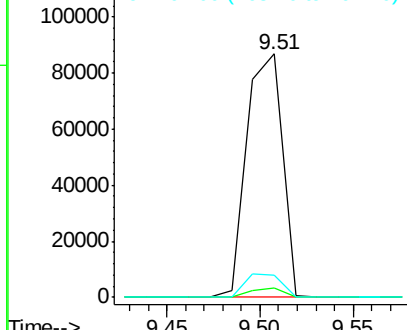
#49
Dimethylphthalate
Concen: 8.03 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Instrument :
BNA_F
ClientSampleId :
C2.2-07

Tot Ion:163 Resp: 114935
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.3 8.3 12.5

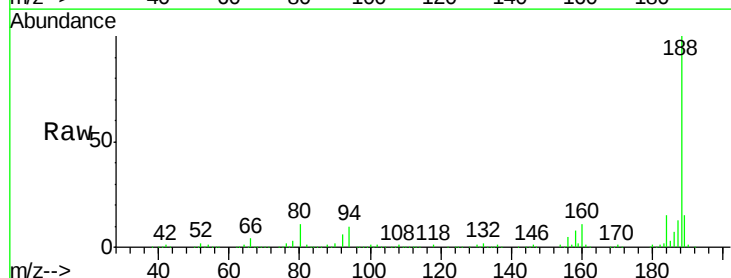


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

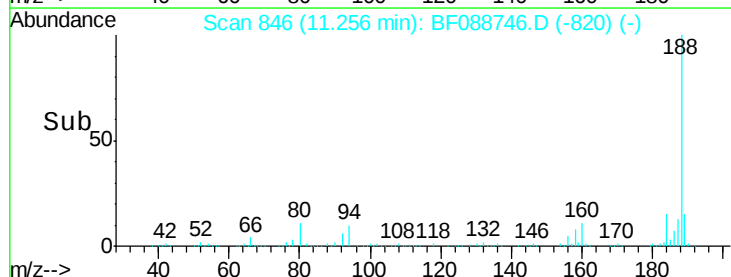
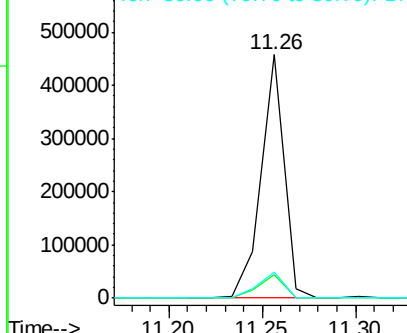


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088746.D
Acq: 6 Jul 2016 21:00

Tgt Ion:188 Resp: 388134
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.6
80 10.9 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: 13.87 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF088746.D

Acq: 6 Jul 2016 21:00

Instrument :

BNA_F

ClientSampleId :

C2.2-07

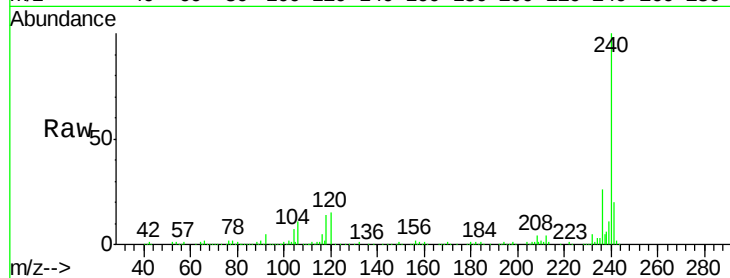
Tot Ion:240 Resp: 293236

Ion Ratio Lower Upper

240 100

120 15.3 6.8 10.2#

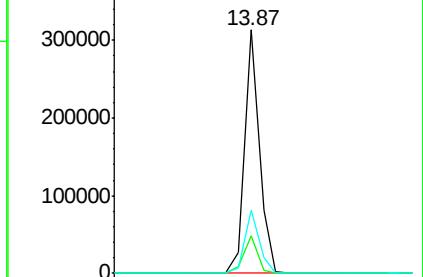
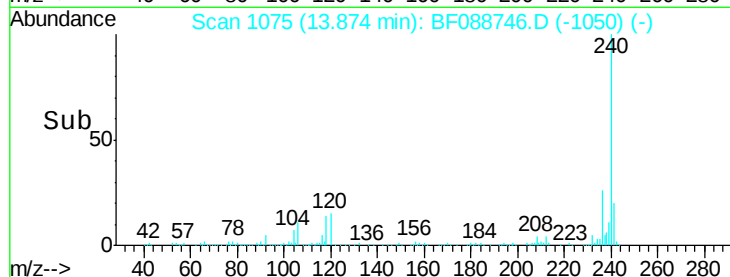
236 26.0 20.2 30.2



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: 45.47 ng

RT: 12.83 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF088746.D

Acq: 6 Jul 2016 21:00

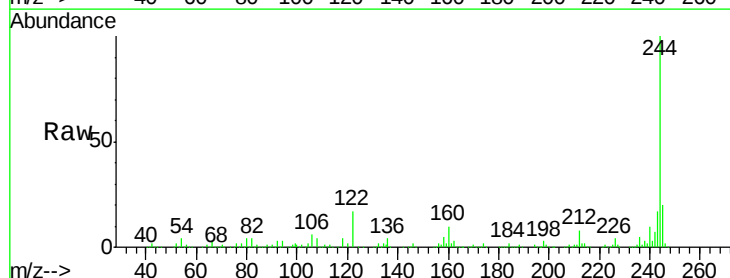
Tgt Ion:244 Resp: 598656

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

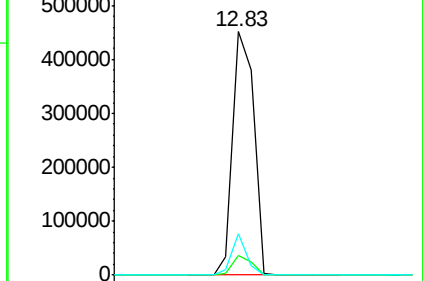
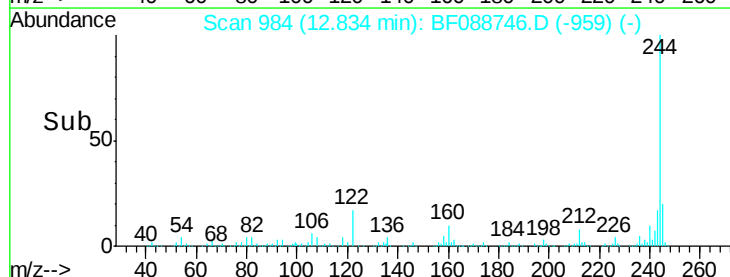
122 16.8 11.2 16.8

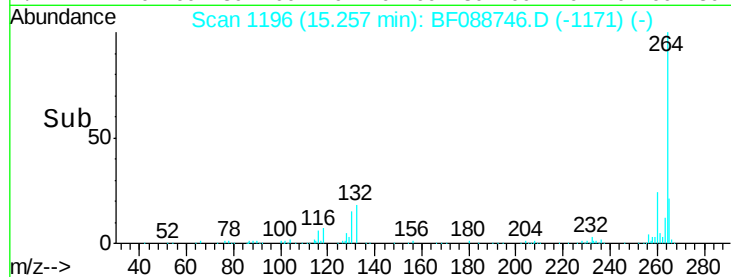
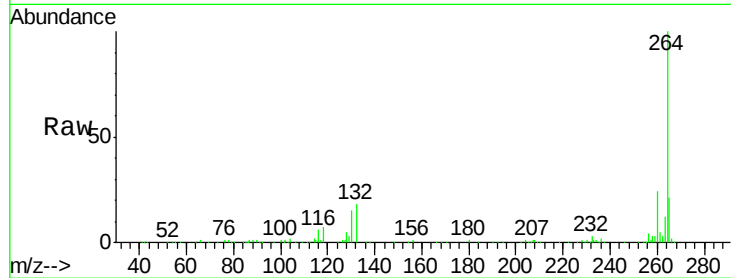
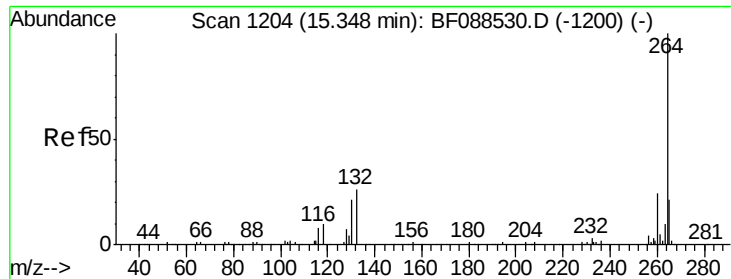


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.26 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF088746.D

Acq: 6 Jul 2016 21:00

Instrument :

BNA_F

ClientSampleId :

C2.2-07

Tot Ion: 264 Resp: 237948

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.5 16.9 25.3

