

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092860.D
 Acq On : 8 Feb 2017 18:29
 Operator : SJ/MA
 Sample : PB96817BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96817BL

Quant Time: Feb 09 00:17:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	130752	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	552754	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	284151	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	491533	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	469912	20.00	ng	-0.01
86) Perylene-d12	15.51	264	418832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1037805	136.17	ng	0.01
7) Phenol-d6	6.53	99	1233349	125.77	ng	0.00
23) Nitrobenzene-d5	7.46	82	852957	85.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	315909	153.72	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1430024	91.17	ng	-0.01
78) Terphenyl-d14	13.00	244	1484126	74.21	ng	-0.01

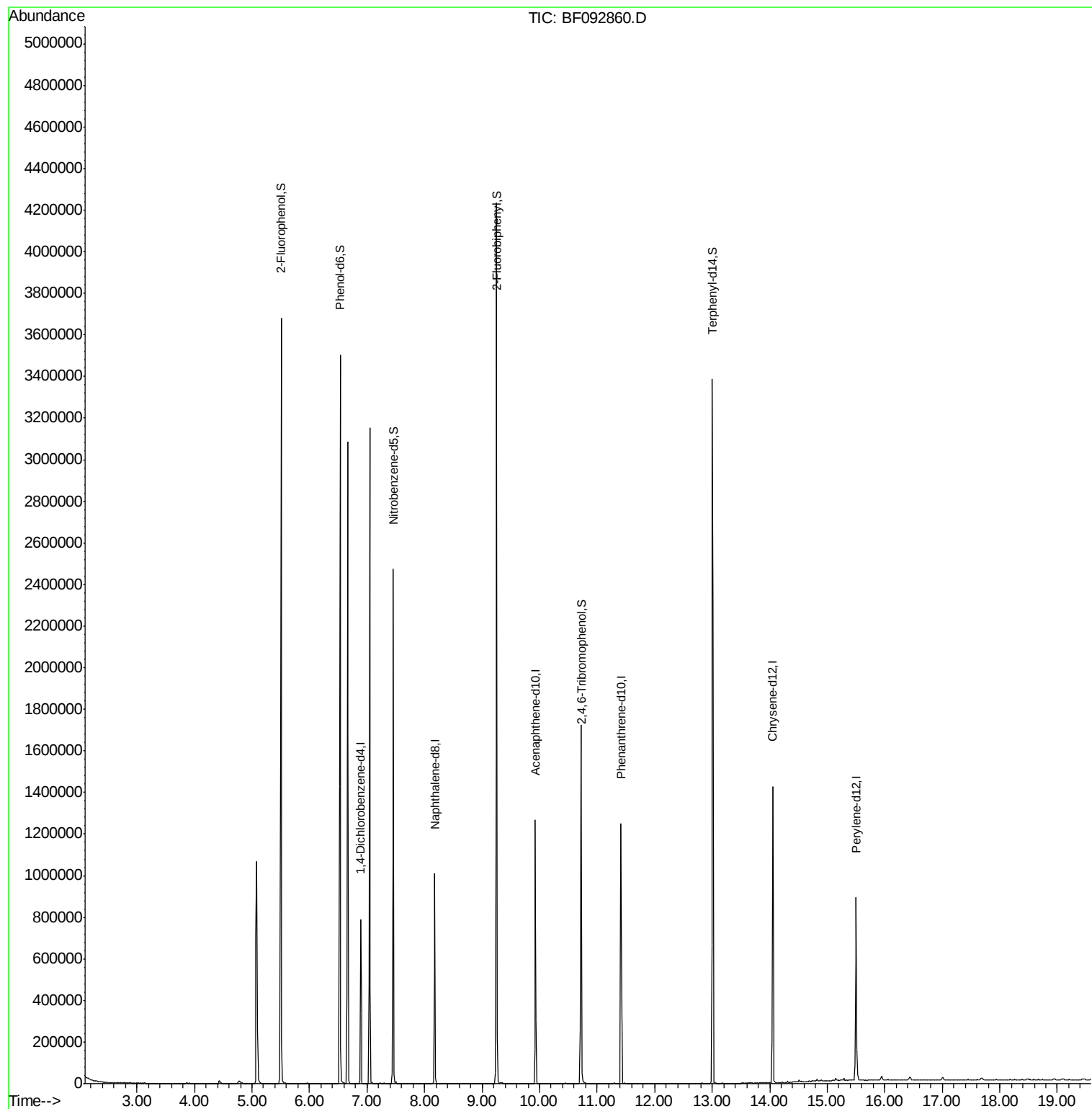
Target Compounds Qvalue

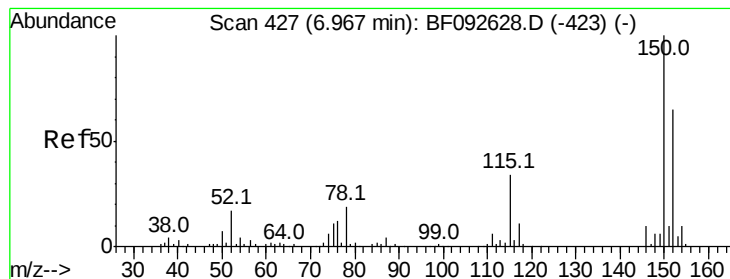
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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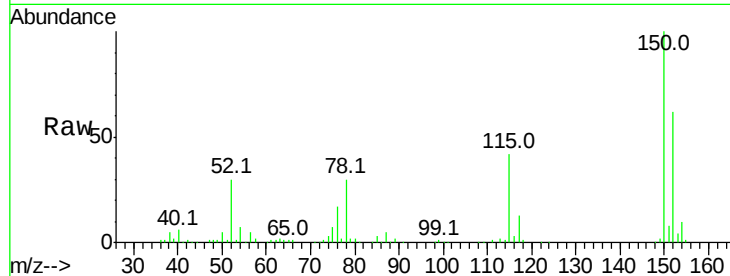


#1

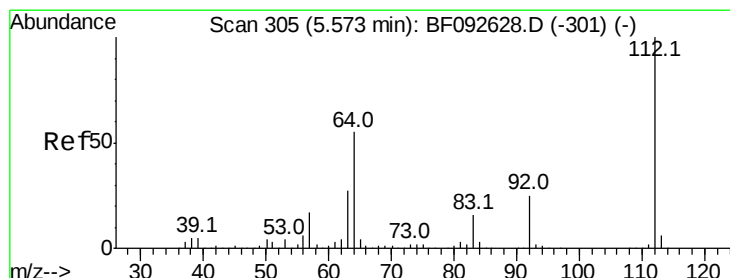
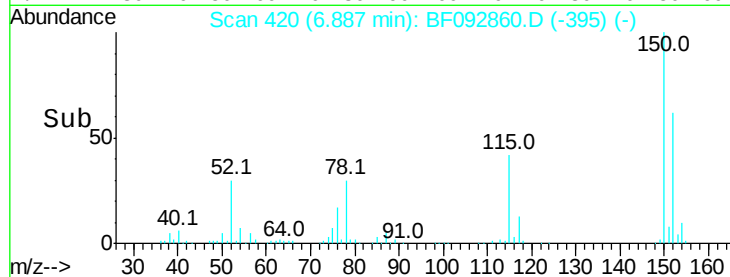
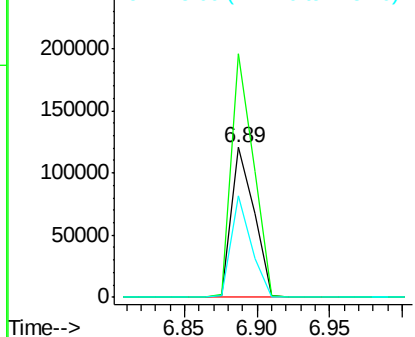
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF092860.D
Acq: 8 Feb 2017 18:29

Instrument :
BNA_F
ClientSampleId :
PB96817BL

Tot Ion:152 Resp: 130752
Ion Ratio Lower Upper
152 100
150 162.5 124.9 187.3
115 67.9 46.0 69.0



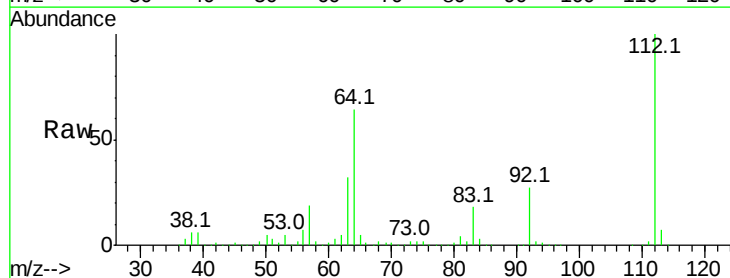
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



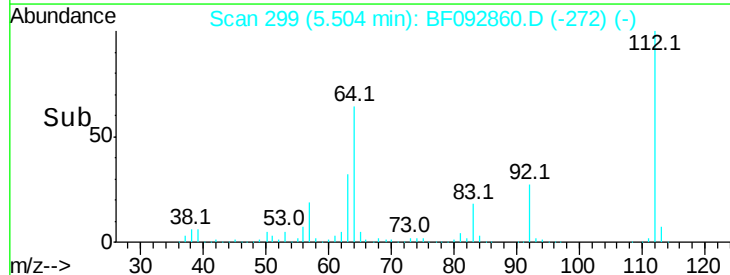
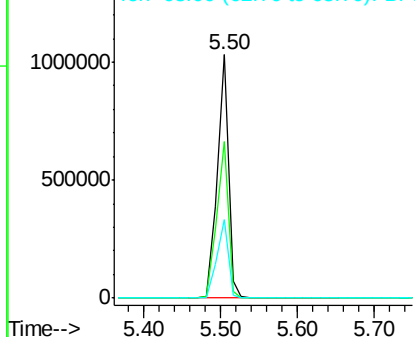
#5

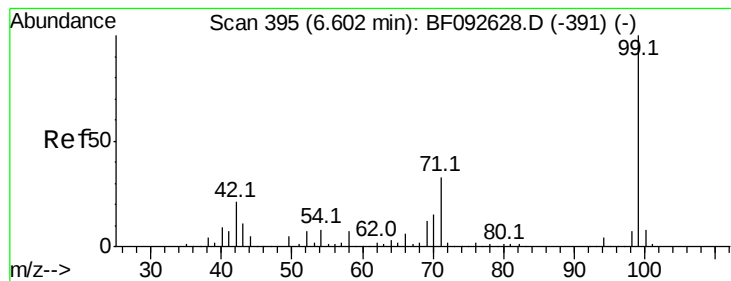
2-Fluorophenol
Concen: 136.17 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF092860.D
Acq: 8 Feb 2017 18:29

Tgt Ion:112 Resp: 1037805
Ion Ratio Lower Upper
112 100
64 64.1 46.1 69.1
63 32.4 23.8 35.6



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: 125.77 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092860.D

Acq: 8 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB96817BL

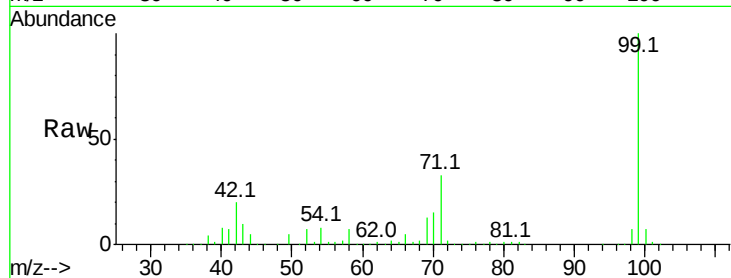
Tot Ion: 99 Resp: 1233349

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

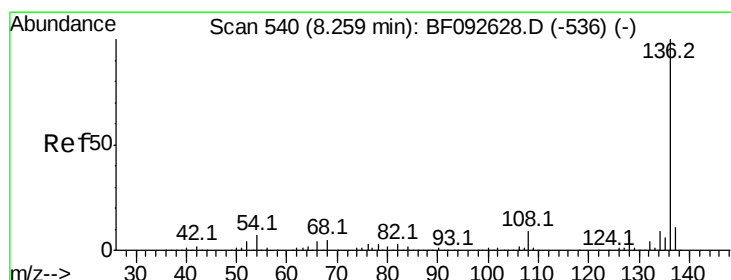
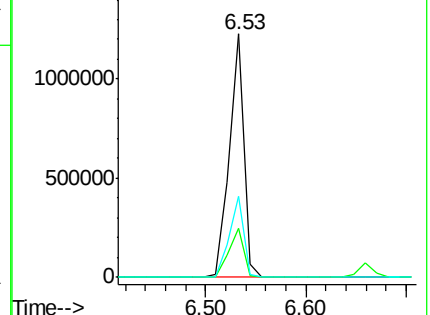
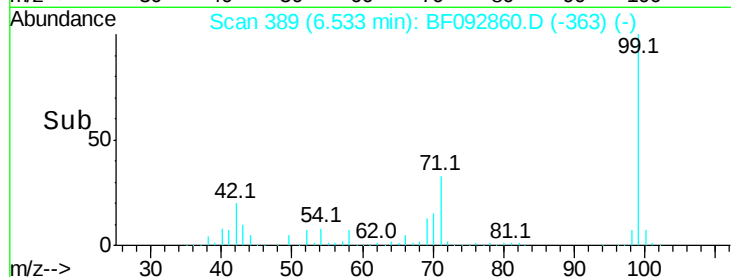
71 33.4 27.5 41.3



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: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092860.D

Acq: 8 Feb 2017 18:29

Tgt Ion: 136 Resp: 552754

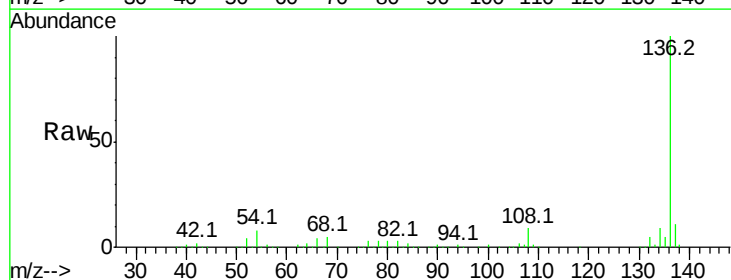
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 7.7 4.5 6.7#

68 5.2 3.6 5.4

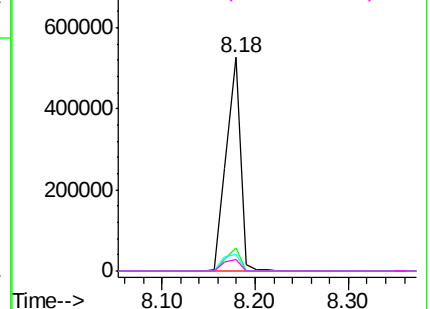
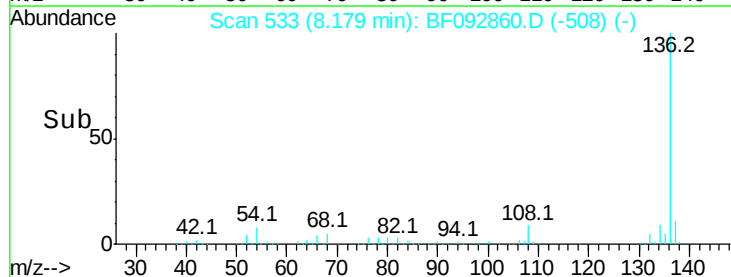


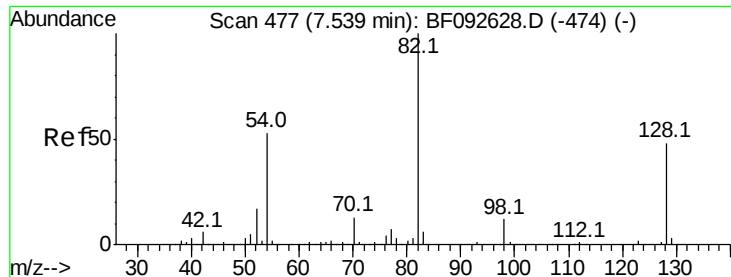
Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.93 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF092860.D

Acq: 8 Feb 2017 18:29

Instrument :

BNA_F

ClientSampled :

PB96817BL

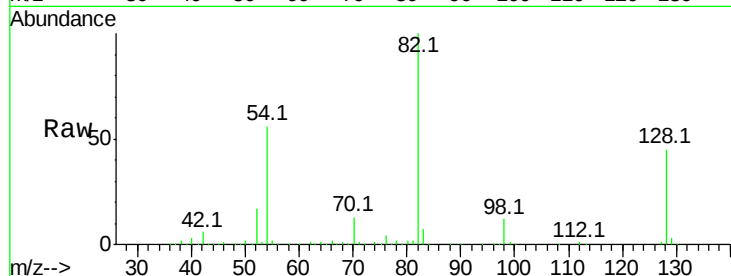
Tot Ion: 82 Resp: 852957

Ion Ratio Lower Upper

82 100

128 45.2 34.6 52.0

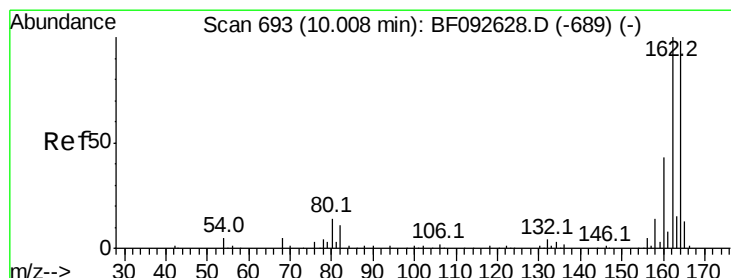
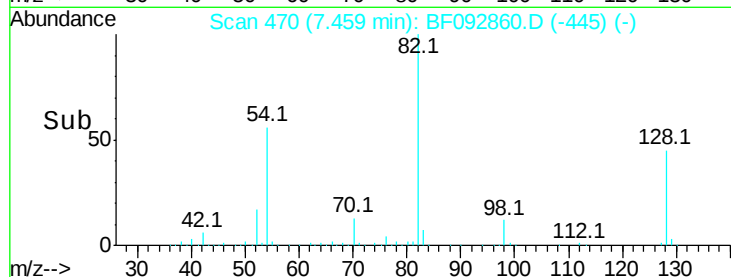
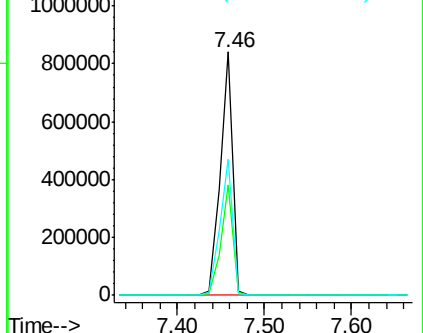
54 55.7 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF092860.D

Acq: 8 Feb 2017 18:29

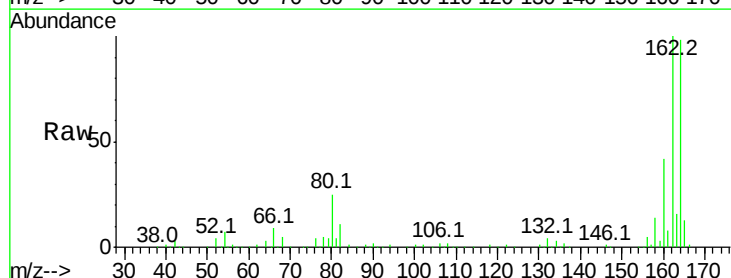
Tgt Ion: 164 Resp: 284151

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

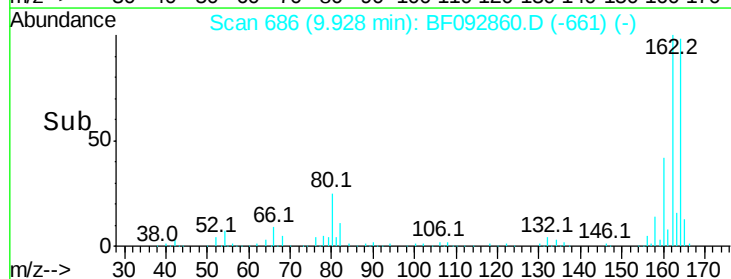
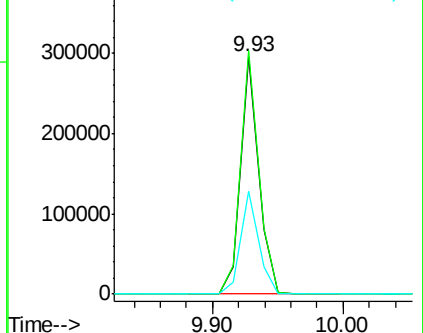
160 43.0 36.9 55.3

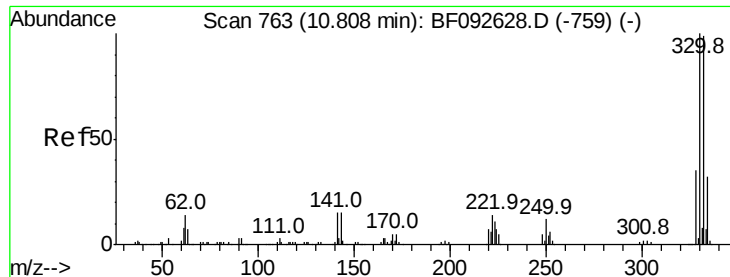


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

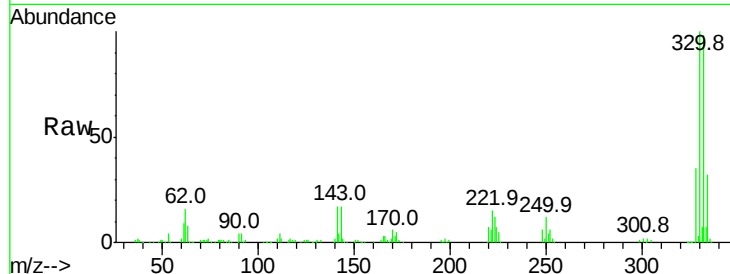




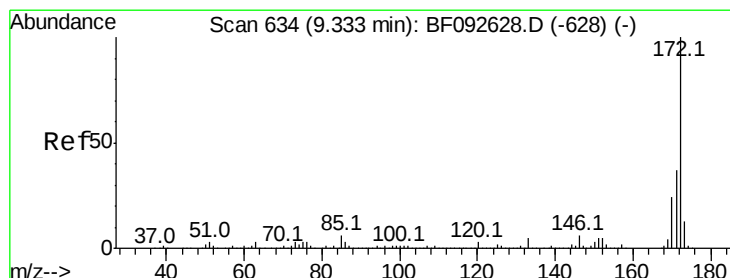
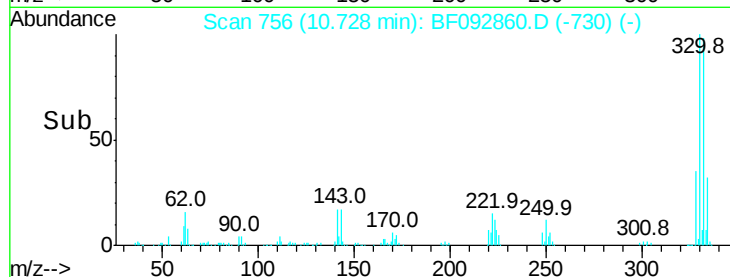
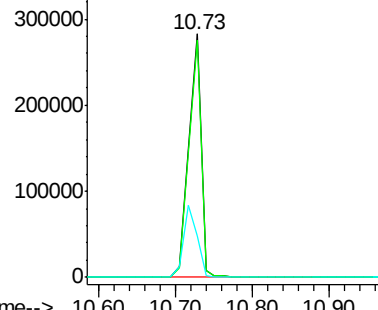
#41
 2,4,6-Tribromophenol
 Concen: 153.72 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF092860.D
 Acq: 8 Feb 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB96817BL

Tot Ion:330 Resp: 315909
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 32.5 34.1 51.1#

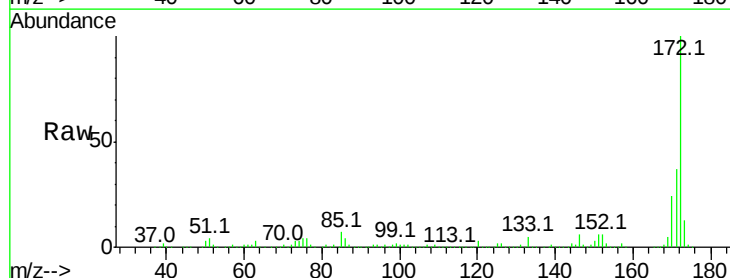


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

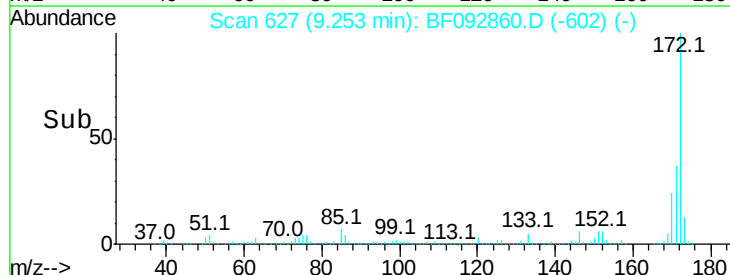
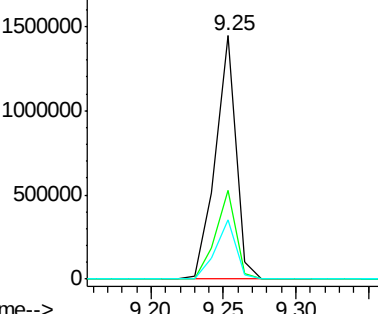


#44
 2-Fluorobiphenyl
 Concen: 91.17 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092860.D
 Acq: 8 Feb 2017 18:29

Tgt Ion:172 Resp: 1430024
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 20.2 30.4



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

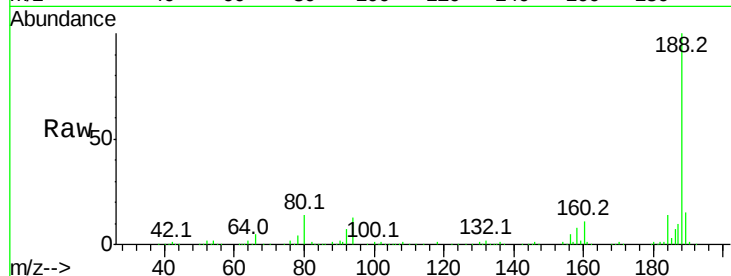




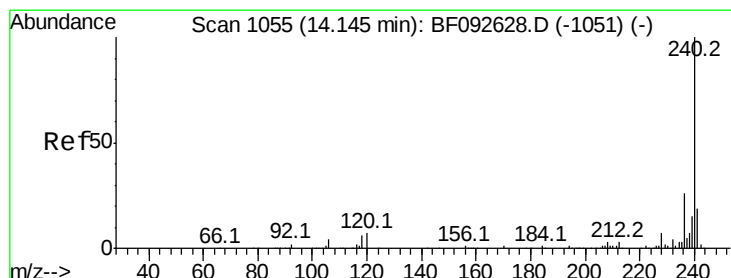
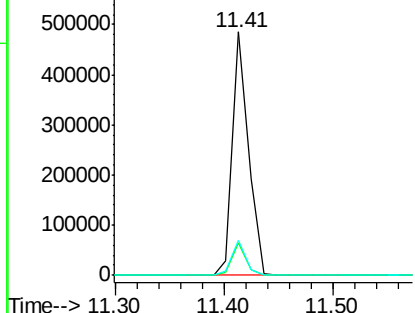
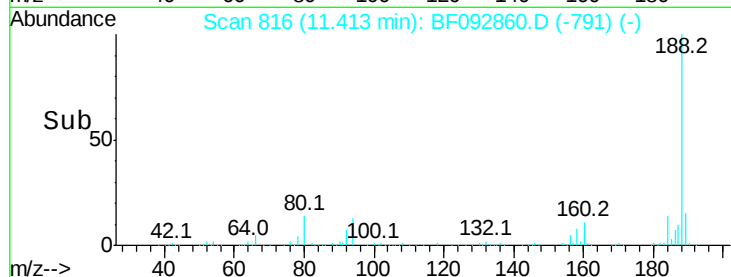
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF092860.D
Acq: 8 Feb 2017 18:29

Instrument :
BNA_F
ClientSampleId :
PB96817BL

Tot Ion:188 Resp: 491533
Ion Ratio Lower Upper
188 100
94 13.1 10.0 15.0
80 14.2 11.2 16.8

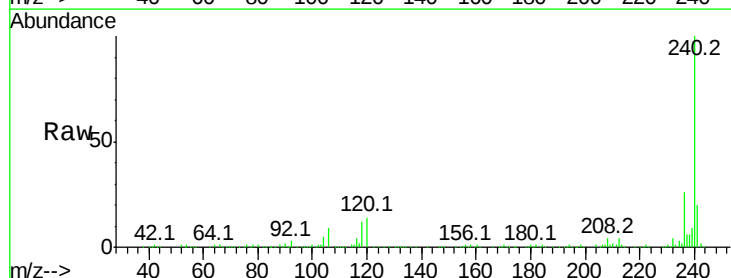


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

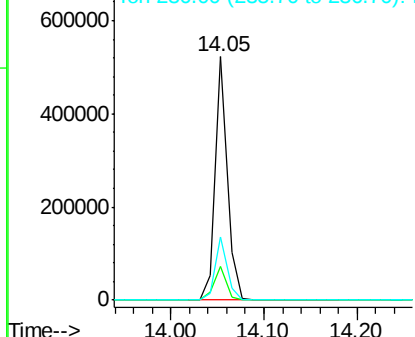
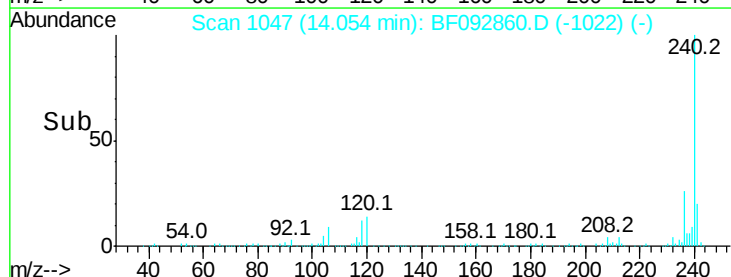


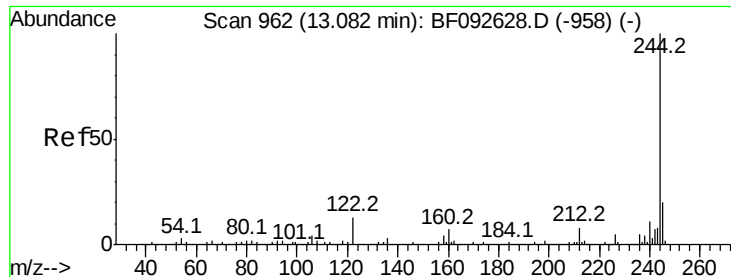
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092860.D
Acq: 8 Feb 2017 18:29

Tgt Ion:240 Resp: 469912
Ion Ratio Lower Upper
240 100
120 13.7 12.9 19.3
236 26.2 20.9 31.3



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: 74.21 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF092860.D

Acq: 8 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB96817BL

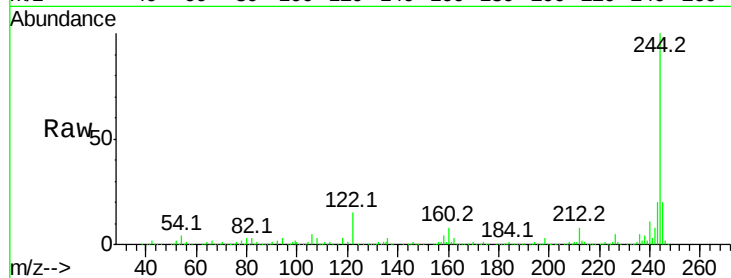
Tot Ion:244 Resp: 1484126

Ion Ratio Lower Upper

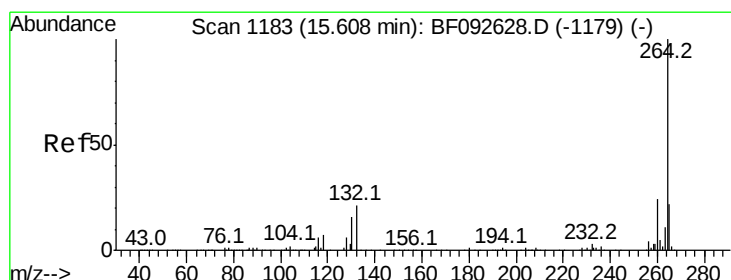
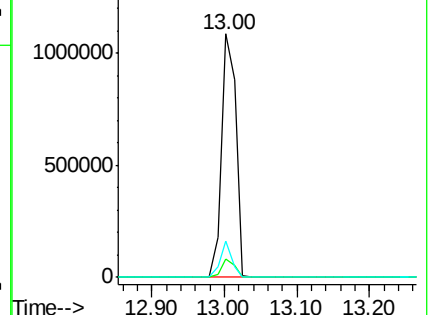
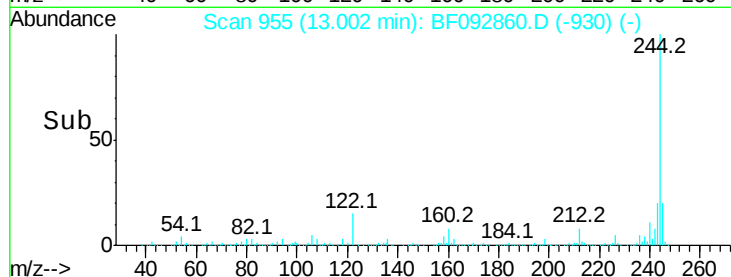
244 100

212 7.6 6.2 9.2

122 15.1 11.4 17.2



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: 15.51 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF092860.D

Acq: 8 Feb 2017 18:29

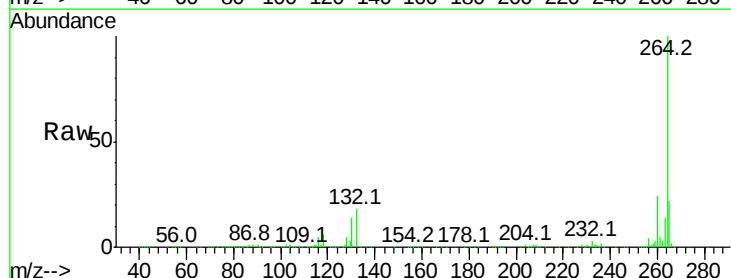
Tgt Ion:264 Resp: 418832

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.9 17.4 26.0



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

