

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096860.D
 Acq On : 18 Jul 2017 22:53
 Operator : SJ/JU
 Sample : PB100719BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BL

Quant Time: Jul 19 03:28:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	82020	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	323251	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	118052	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	170394	20.00	ng	0.00
75) Chrysene-d12	13.73	240	153653	20.00	ng	0.00
86) Perylene-d12	15.10	264	97629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	451340	82.74	ng	0.01
7) Phenol-d6	6.25	99	524543	80.13	ng	0.00
23) Nitrobenzene-d5	7.16	82	416945	79.89	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	73133	72.58	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	752359	100.69	ng	0.00
78) Terphenyl-d14	12.69	244	497407	56.14	ng	0.00

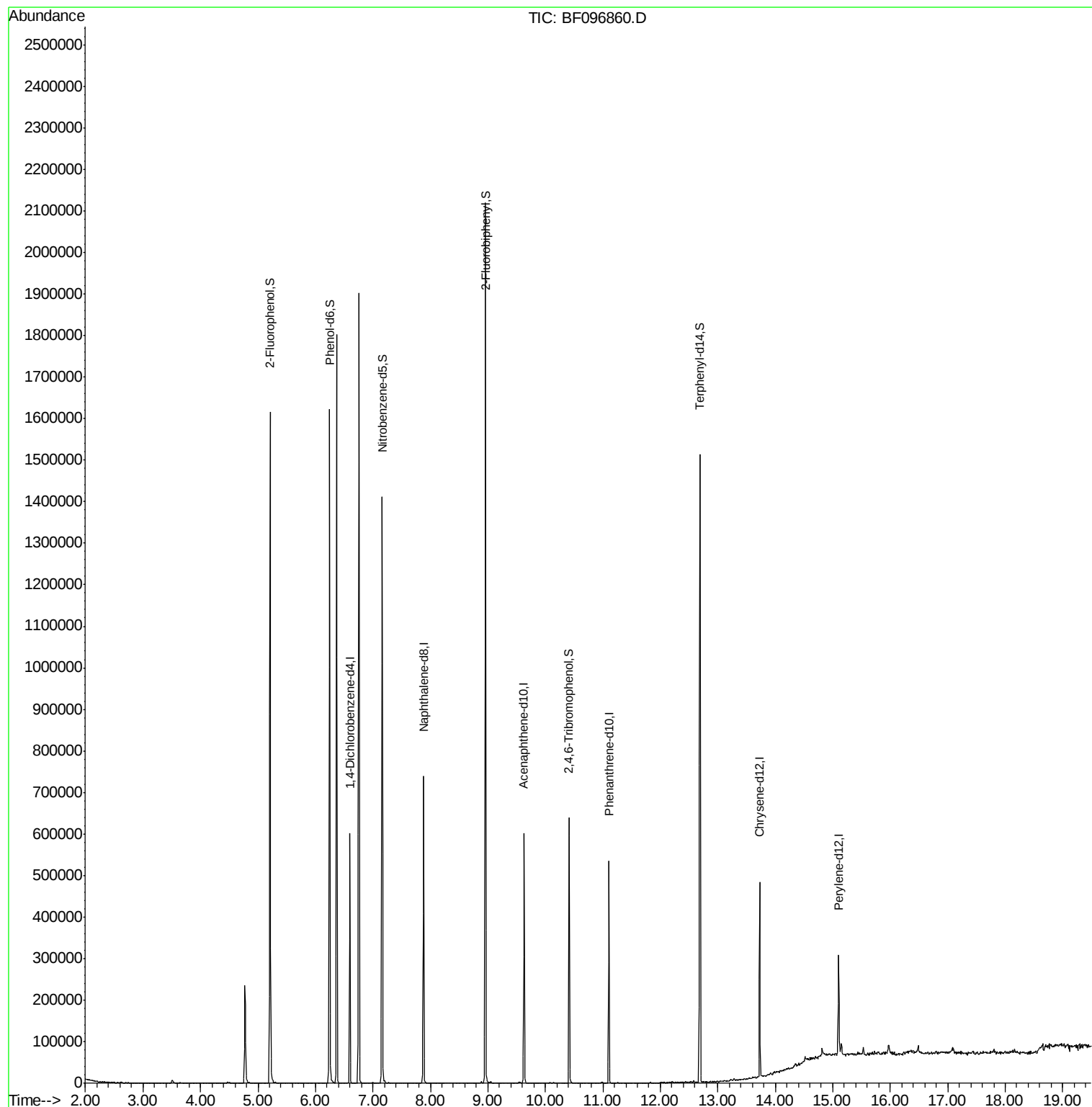
Target Compounds Qvalue

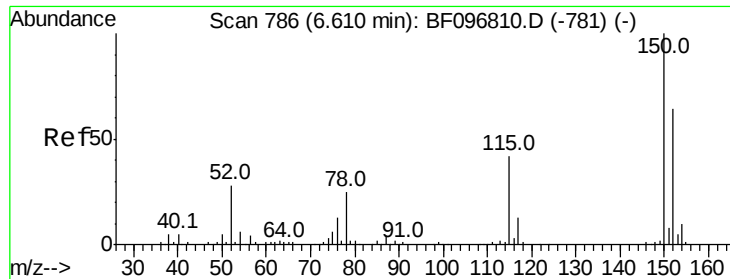
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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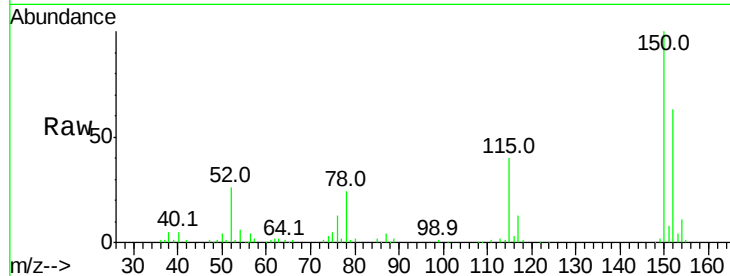


#1

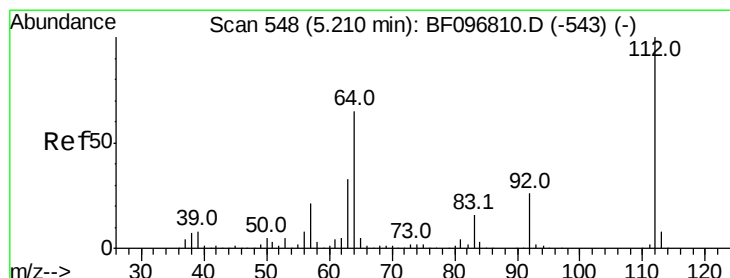
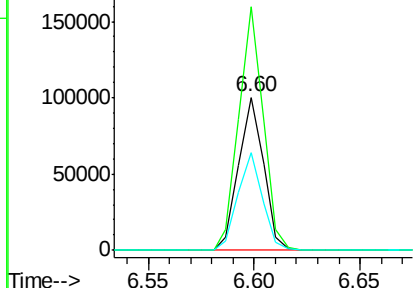
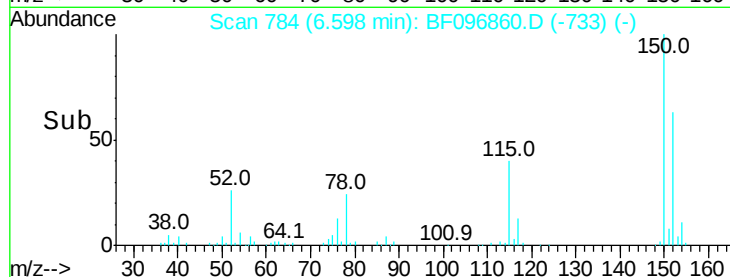
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096860.D
Acq: 18 Jul 2017 22:53

Instrument :
BNA_F
ClientSampleId :
PB100719BL

Tot Ion:152 Resp: 82020
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 63.7 52.2 78.2



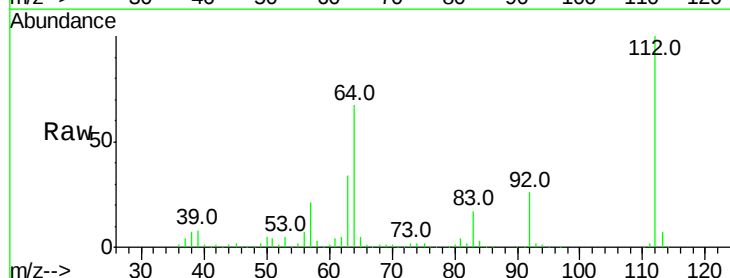
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



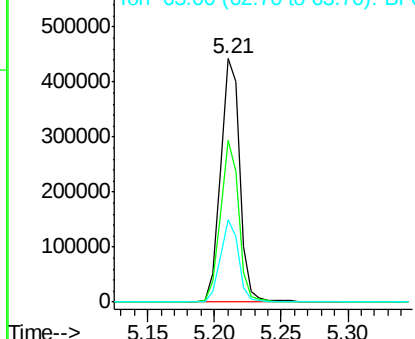
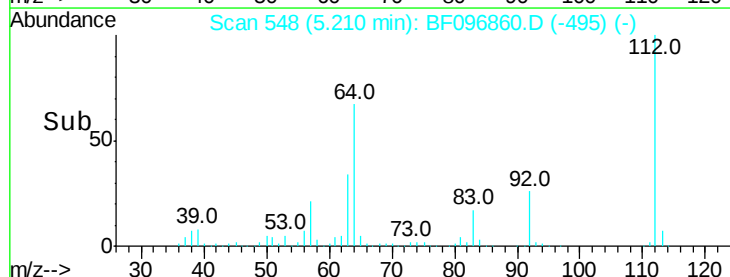
#5

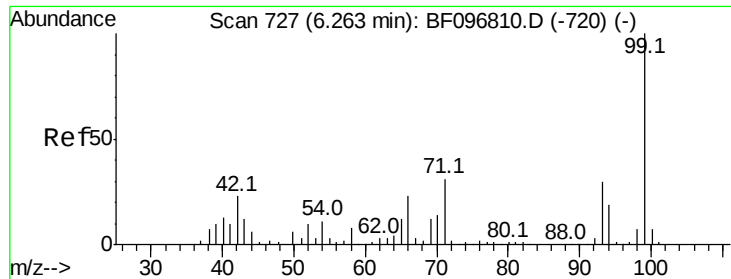
2-Fluorophenol
Concen: 82.739 ng
RT: 5.21 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF096860.D
Acq: 18 Jul 2017 22:53

Tgt Ion:112 Resp: 451340
Ion Ratio Lower Upper
112 100
64 66.7 46.0 69.0
63 33.6 23.4 35.0



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: 80.130 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

Instrument :

BNA_F

ClientSampleId :

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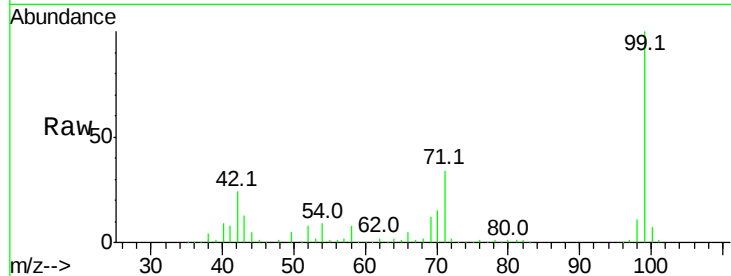
Tot Ion: 99 Resp: 524543

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

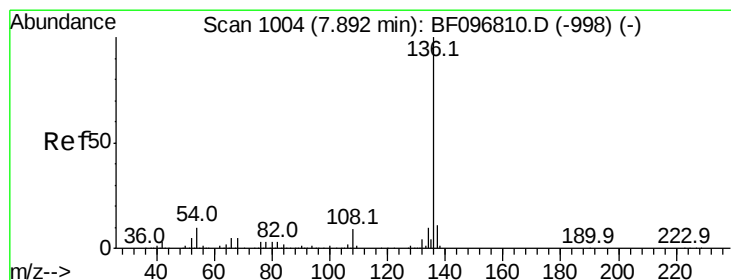
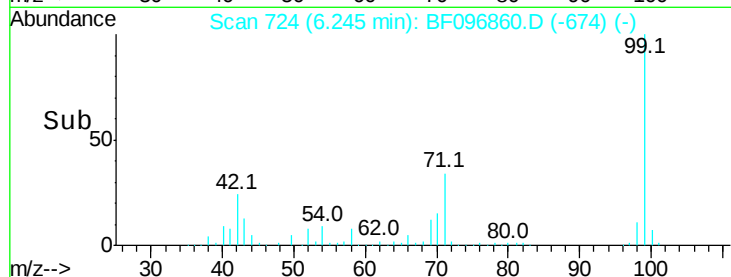
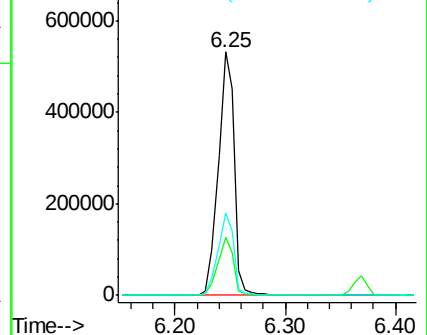
71 33.8 24.5 36.7



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: 20.000 ng

RT: 7.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

Tgt Ion: 136 Resp: 323251

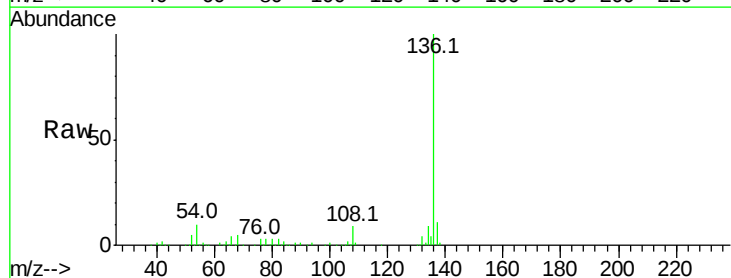
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.7 4.9 7.3#

68 4.5 4.1 6.1

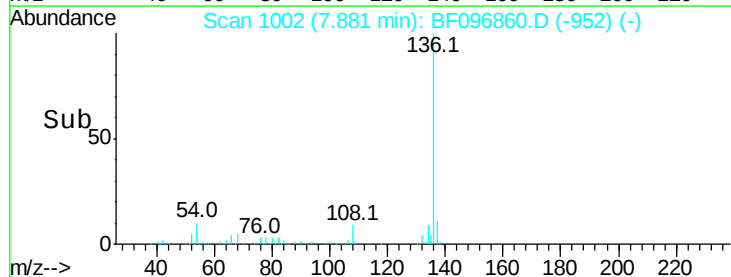
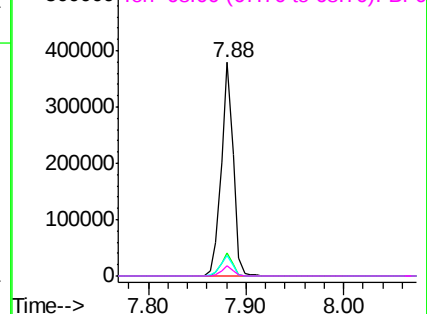


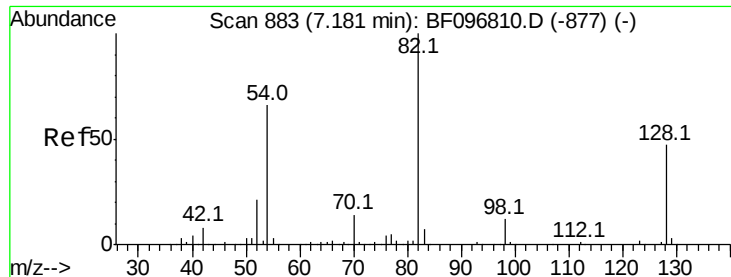
Abundance Ion 136.00 (135.70 to 136.70): E

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

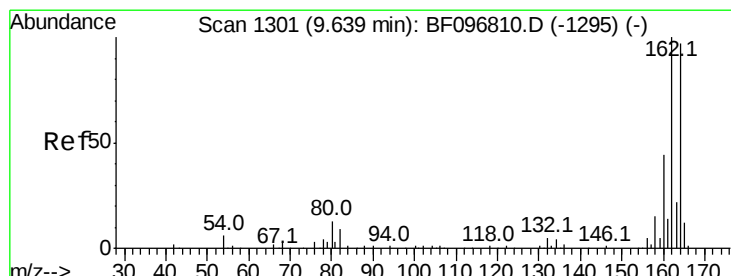
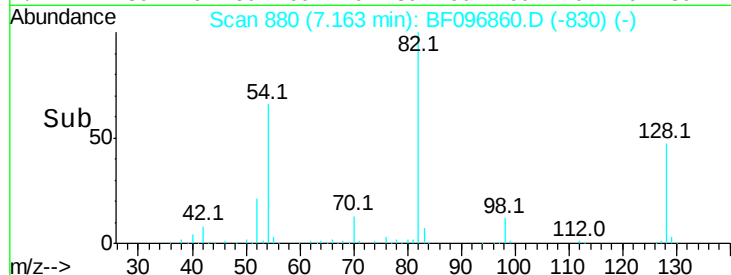
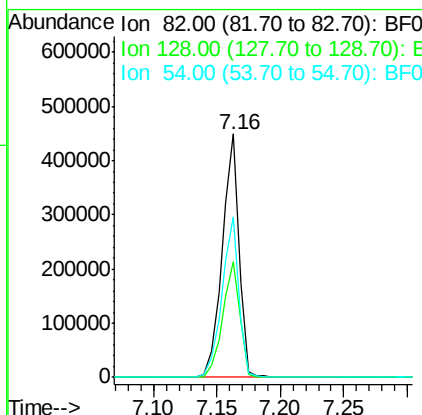
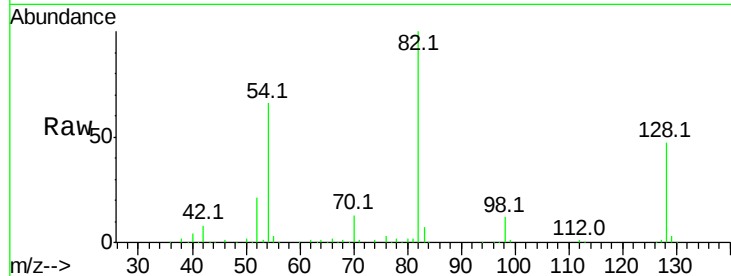




#23
 Nitrobenzene-d5
 Concen: 79.894 ng
 RT: 7.16 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096860.D
 Acq: 18 Jul 2017 22:53

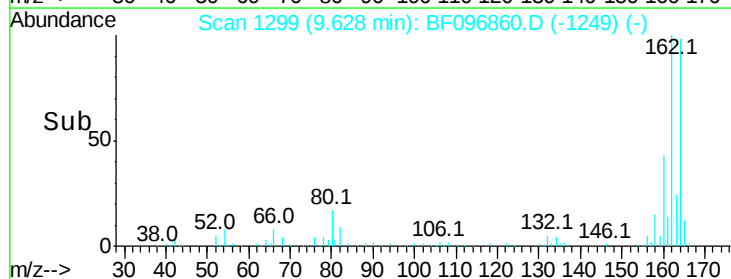
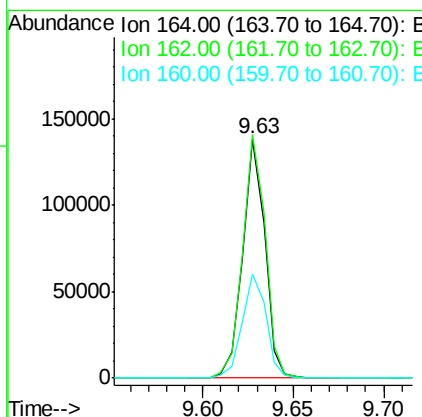
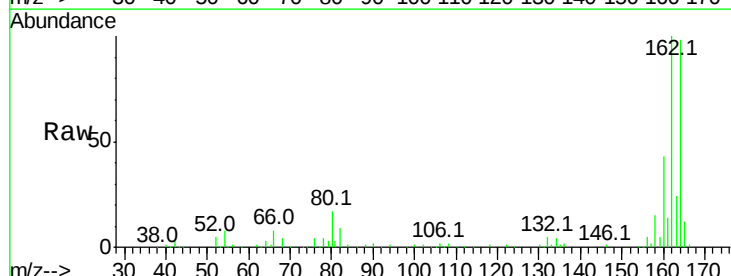
Instrument :
 BNA_F
 ClientSampleId :
 PB100719BL

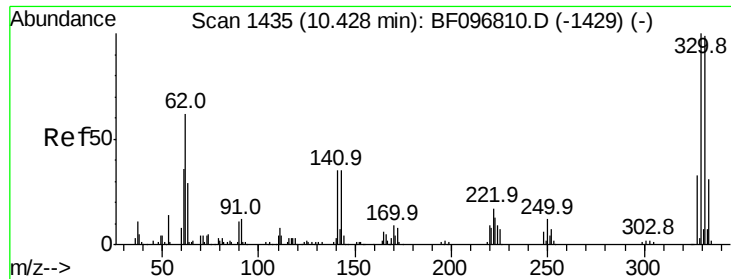
Tot Ion: 82 Resp: 416945
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 66.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096860.D
 Acq: 18 Jul 2017 22:53

Tgt Ion:164 Resp: 118052
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 123.8
 160 43.7 36.2 54.2

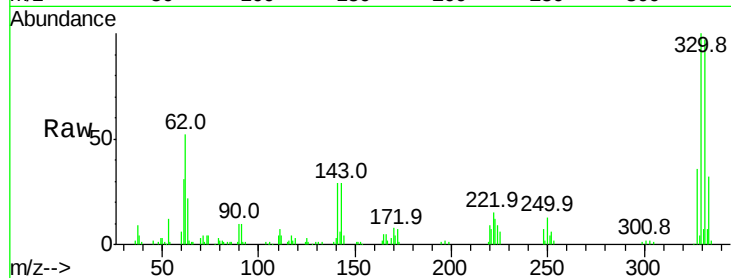




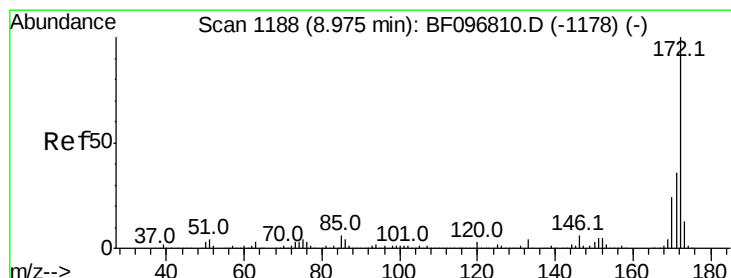
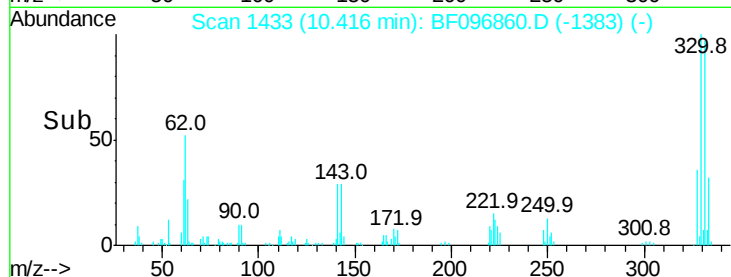
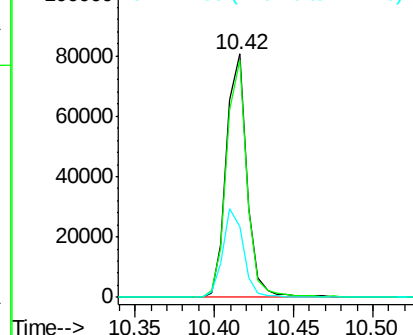
#41
 2,4,6-Tribromophenol
 Concen: 72.576 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096860.D
 Acq: 18 Jul 2017 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BL

Tot Ion:330 Resp: 73133
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 36.2 31.4 47.2

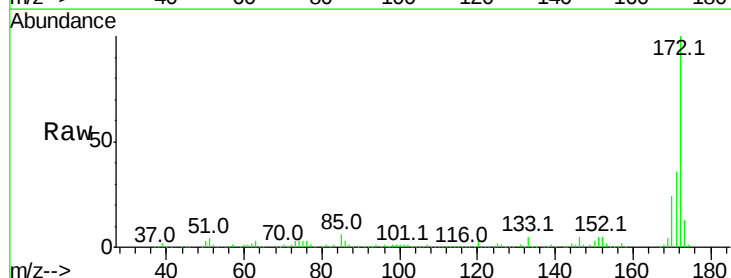


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

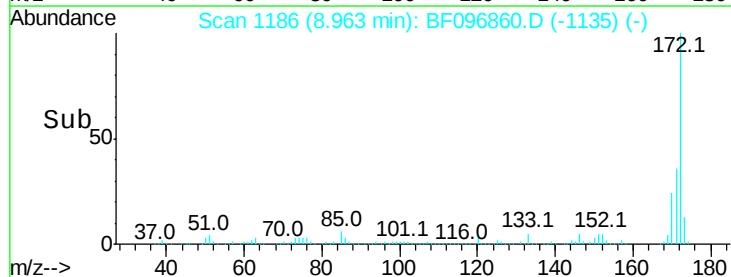
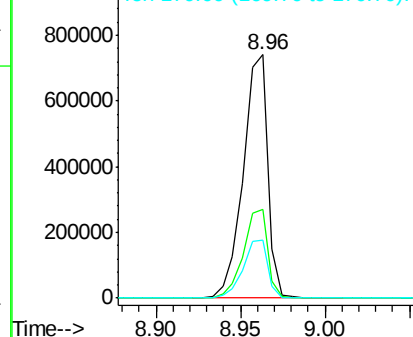


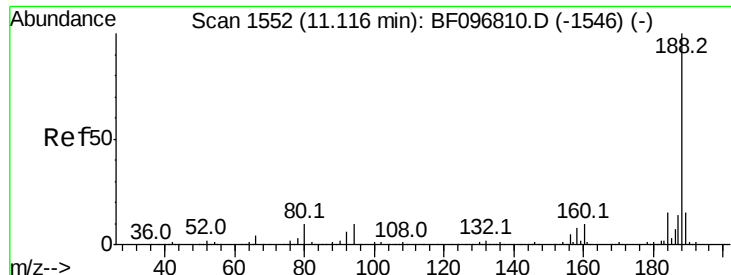
#44
 2-Fluorobiphenyl
 Concen: 100.690 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF096860.D
 Acq: 18 Jul 2017 22:53

Tgt Ion:172 Resp: 752359
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.8 19.8 29.8



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

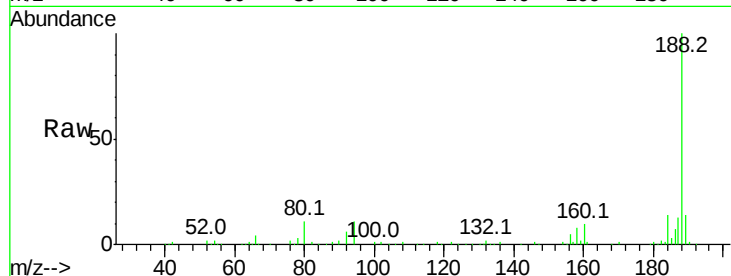




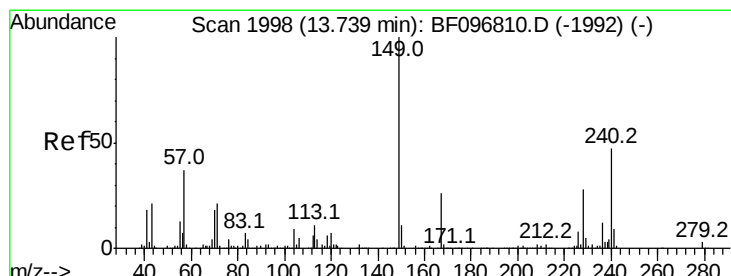
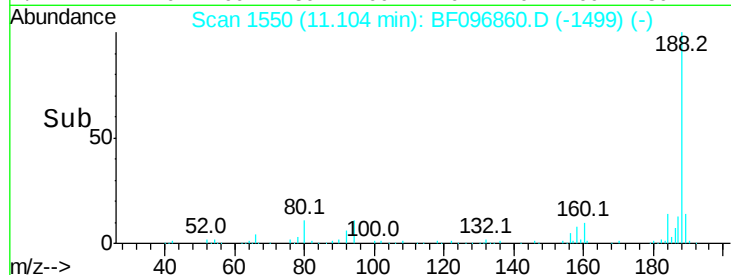
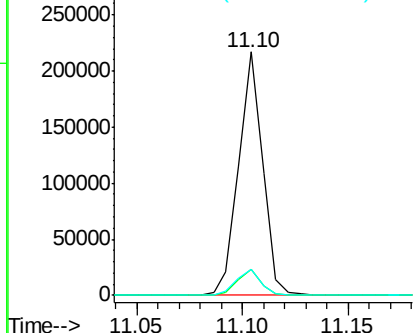
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF096860.D
Acq: 18 Jul 2017 22:53

Instrument :
BNA_F
ClientSampleId :
PB100719BL

Tot Ion:188 Resp: 170394
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 10.5 10.2 15.2

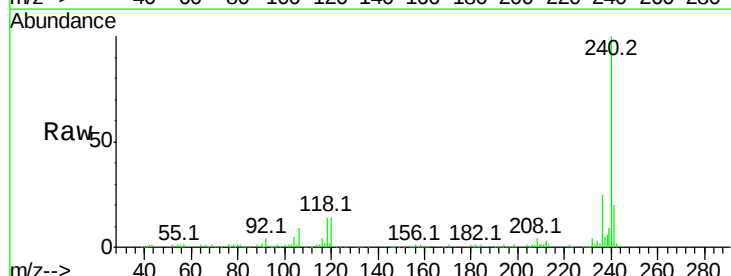


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

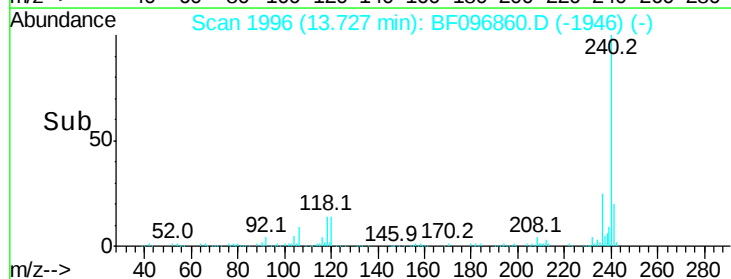
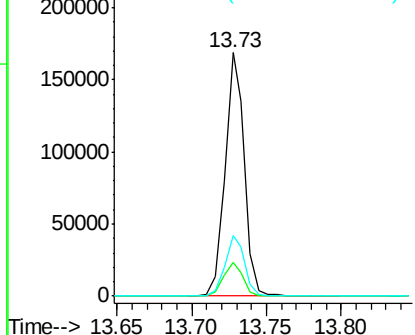


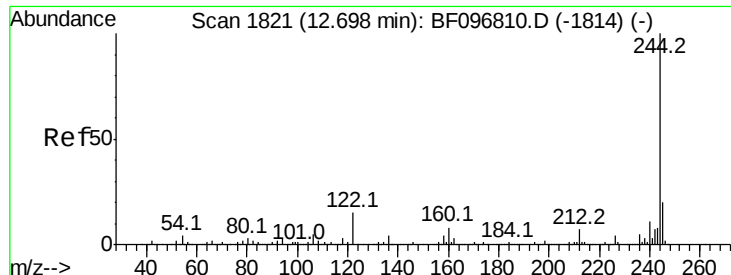
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096860.D
Acq: 18 Jul 2017 22:53

Tgt Ion:240 Resp: 153653
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 25.1 20.5 30.7



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: 56.142 ng

RT: 12.69 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

Instrument :

BNA_F

ClientSampleId :

PB100719BL

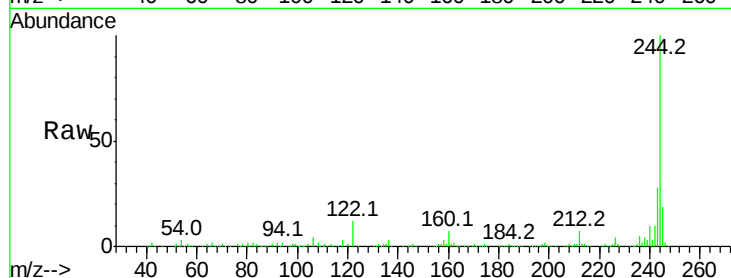
Tot Ion:244 Resp: 497407

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

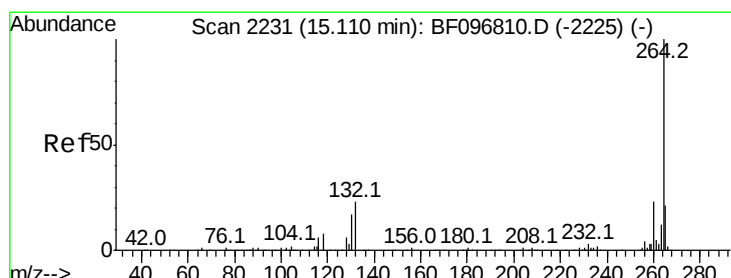
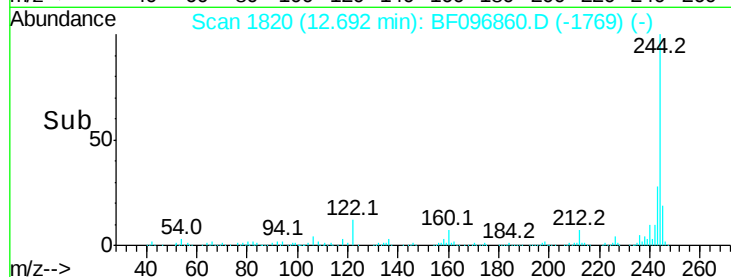
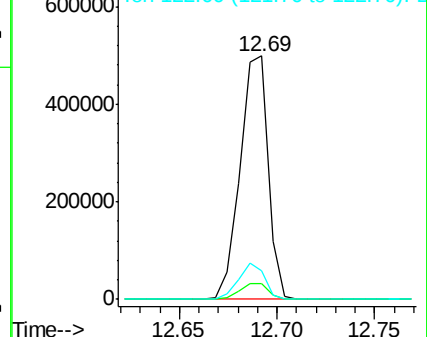
122 11.7 10.3 15.5



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: 20.000 ng

RT: 15.10 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BF096860.D

Acq: 18 Jul 2017 22:53

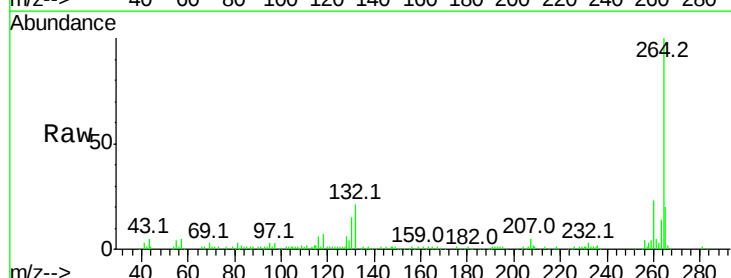
Tgt Ion:264 Resp: 97629

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 20.5 17.2 25.8



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

