

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096821.D
 Acq On : 17 Jul 2017 16:04
 Operator : SJ/JU
 Sample : I4196-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012

Quant Time: Jul 17 18:31:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 18:17:21 2017
 Response via : Initial Calibration

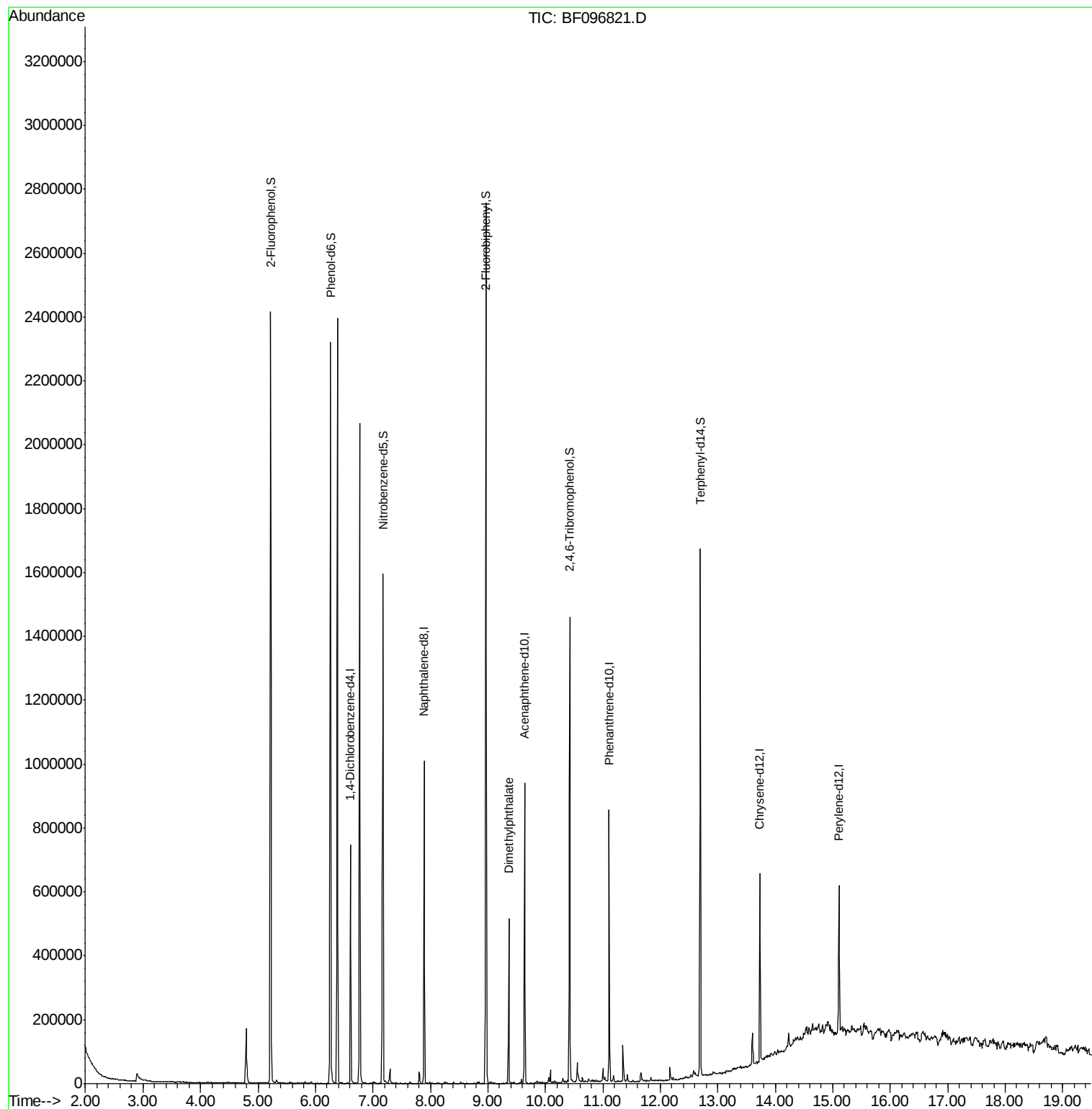
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	102454	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	429704	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	188529	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	285736	20.00	ng	0.00
75) Chrysene-d12	13.73	240	188934	20.00	ng	0.00
86) Perylene-d12	15.11	264	190983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	684488	100.45	ng	0.01
7) Phenol-d6	6.26	99	848421	103.76	ng	0.00
23) Nitrobenzene-d5	7.17	82	490191	70.66	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	157205	97.69	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	865595	72.54	ng	0.00
78) Terphenyl-d14	12.70	244	537567	49.34	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.36	163	208148	14.663	ng	98

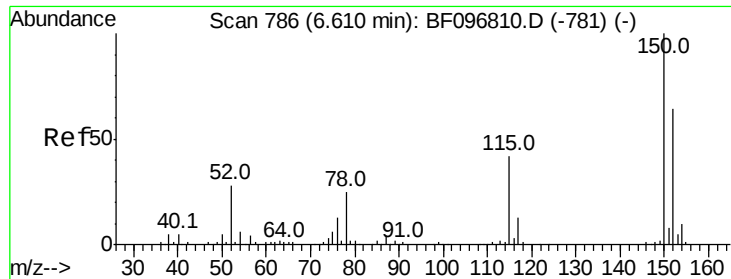
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096821.D
Acq On : 17 Jul 2017 16:04
Operator : SJ/JU
Sample : I4196-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012

Quant Time: Jul 17 18:31:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 18:17:21 2017
Response via : Initial Calibration



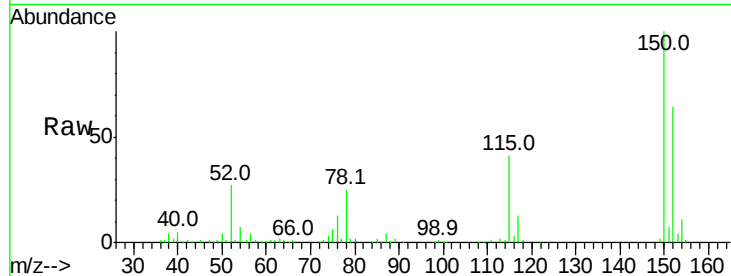


#1

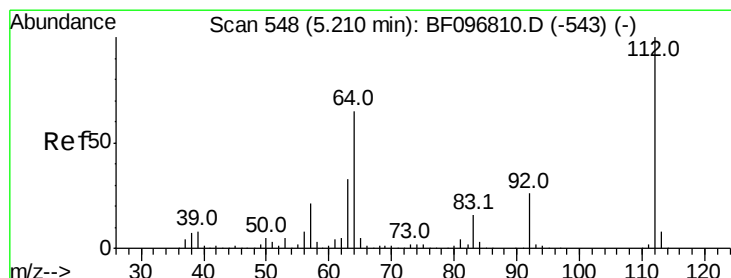
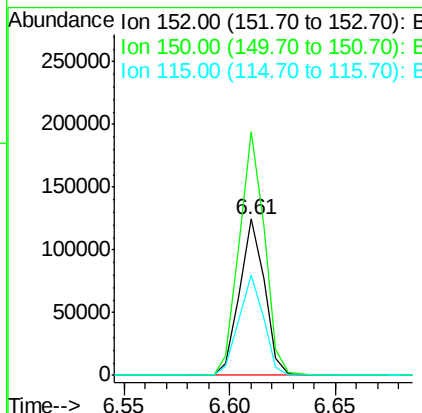
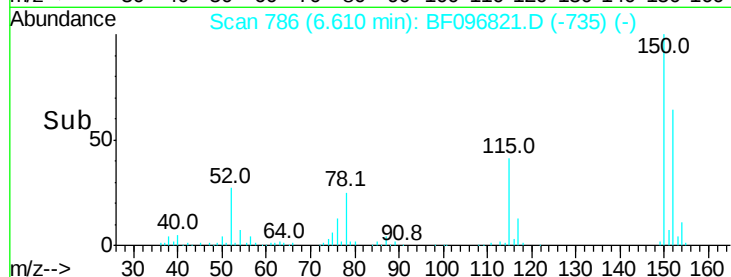
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF096821.D
 Acq: 17 Jul 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012

Tot Ion:152 Resp: 102454
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.2 189.2
 115 64.2 52.2 78.2



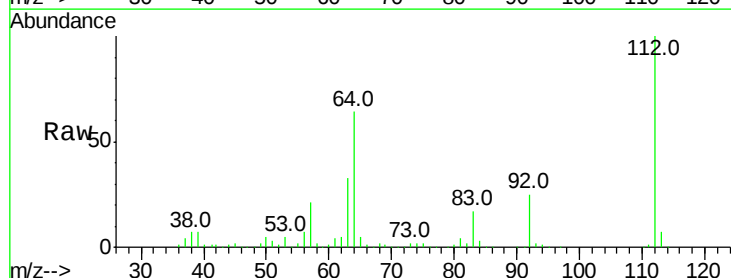
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



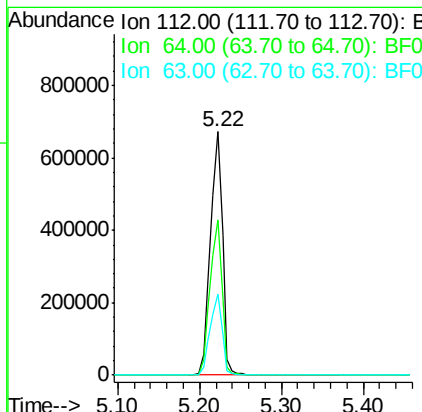
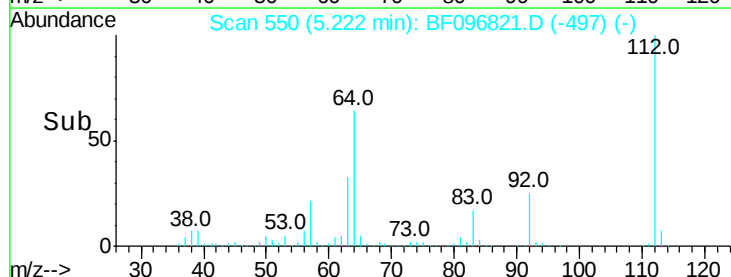
#5

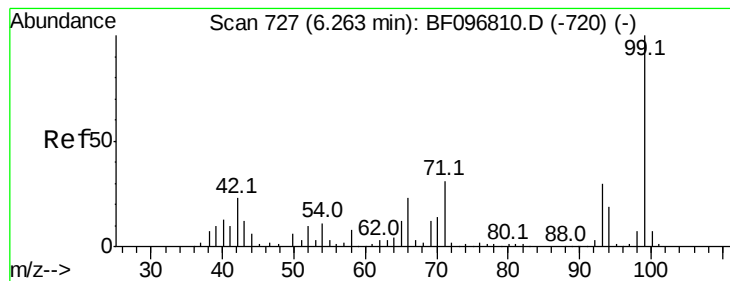
2-Fluorophenol
 Concen: 100.453 ng
 RT: 5.22 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF096821.D
 Acq: 17 Jul 2017 16:04

Tgt Ion:112 Resp: 684488
 Ion Ratio Lower Upper
 112 100
 64 63.9 46.0 69.0
 63 33.1 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: 103.757 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012

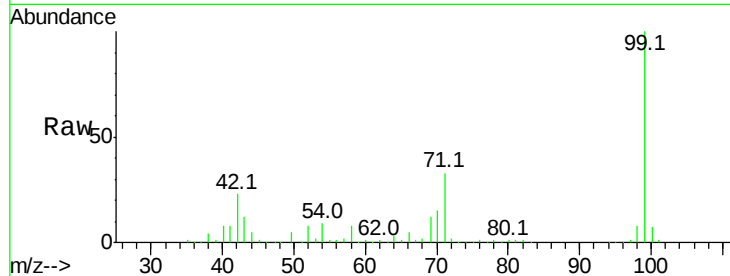
Tot Ion: 99 Resp: 848421

Ion Ratio Lower Upper

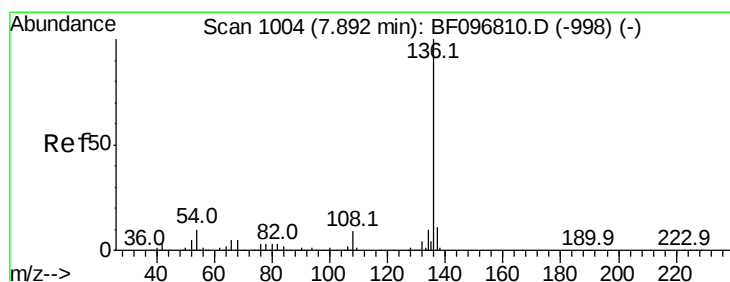
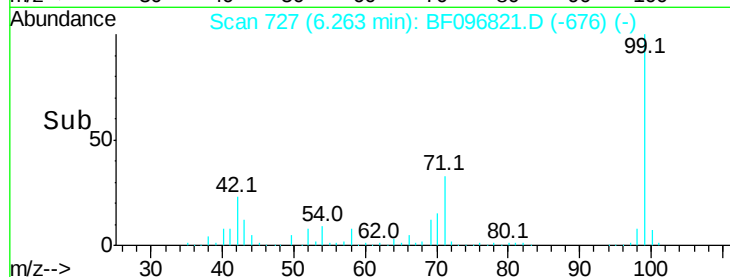
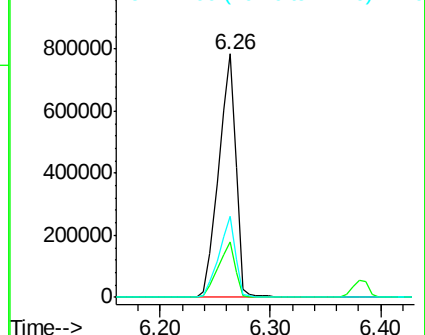
99 100

42 22.6 13.5 20.3#

71 33.2 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: 7.89 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

Tgt Ion: 136 Resp: 429704

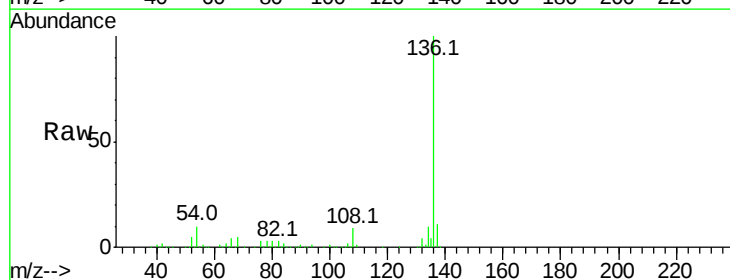
Ion Ratio Lower Upper

136 100

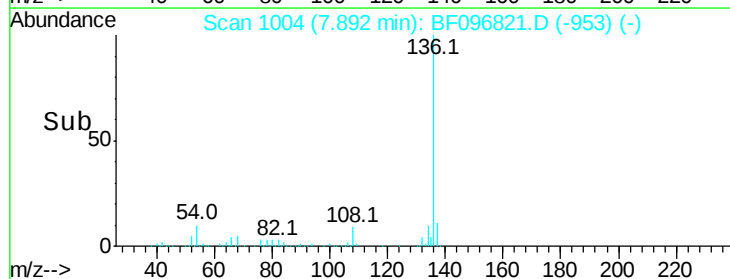
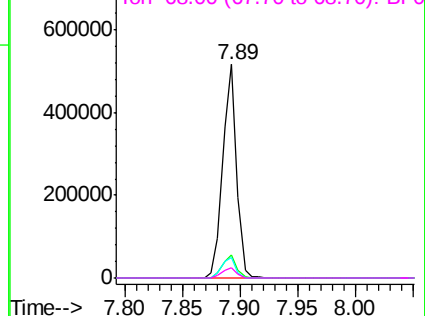
137 10.8 8.5 12.7

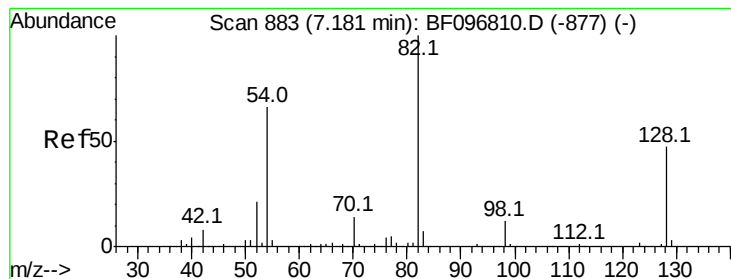
54 9.7 4.9 7.3#

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: 70.660 ng

RT: 7.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012

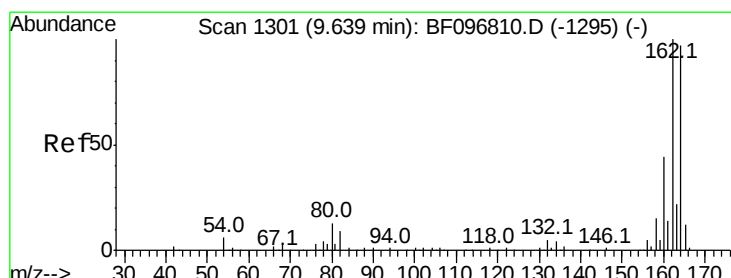
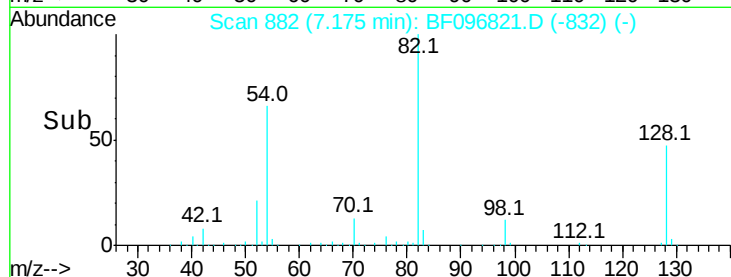
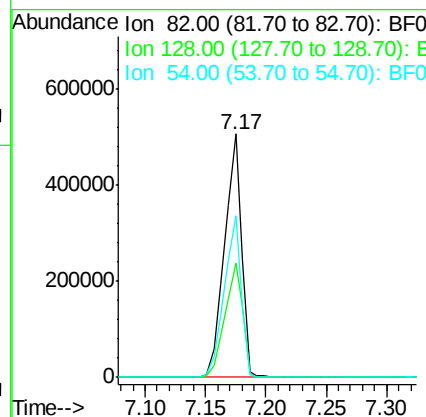
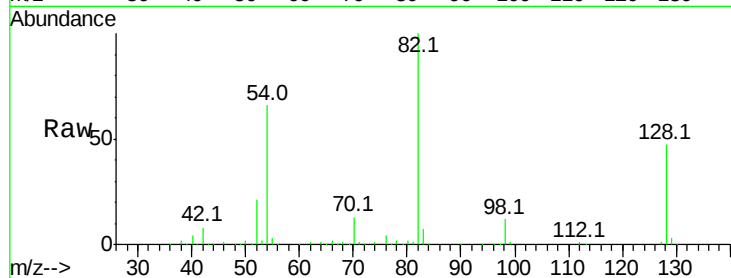
Tot Ion: 82 Resp: 490191

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

54 66.4 42.2 63.2#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

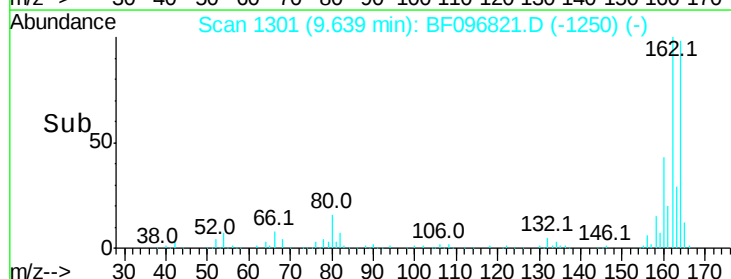
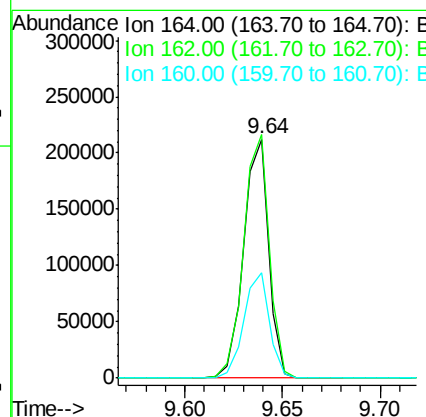
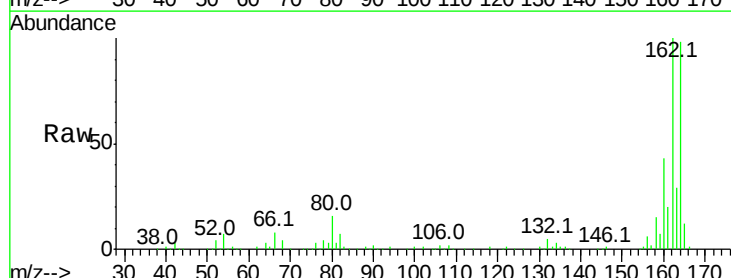
Tgt Ion:164 Resp: 188529

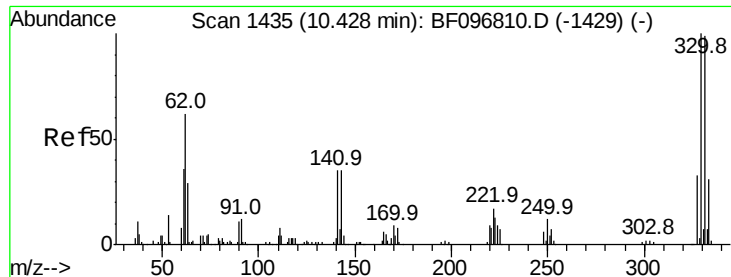
Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

160 44.0 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 97.688 ng

RT: 10.42 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012

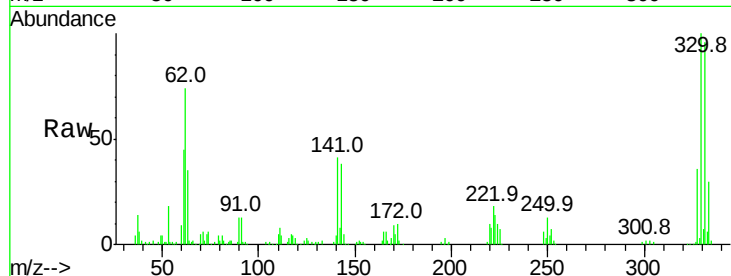
Tot Ion:330 Resp: 157205

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

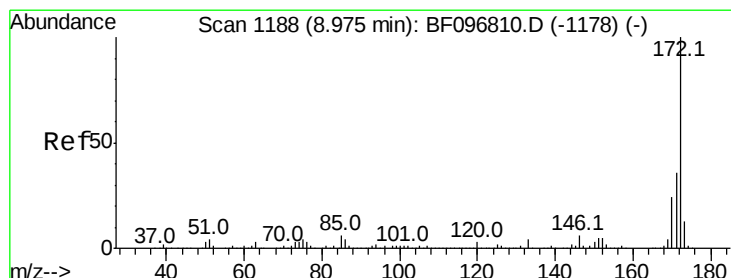
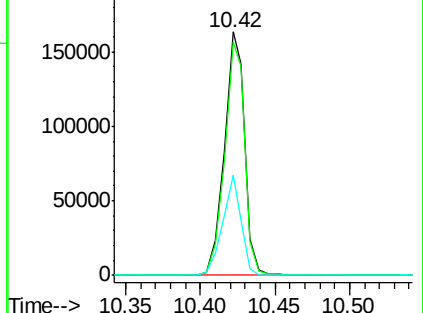
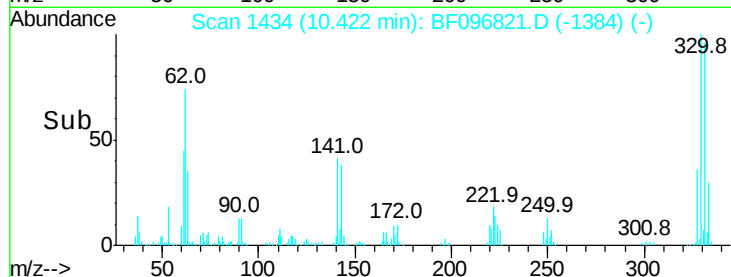
141 37.9 31.4 47.2



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: 72.539 ng

RT: 8.97 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

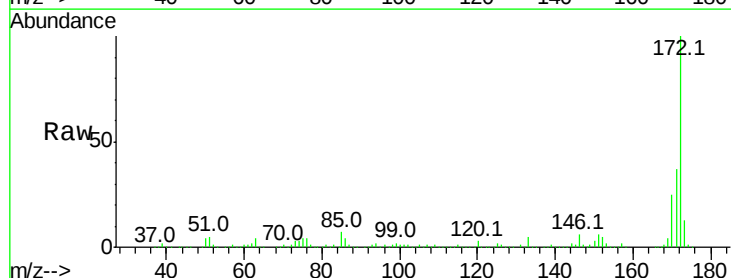
Tgt Ion:172 Resp: 865595

Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

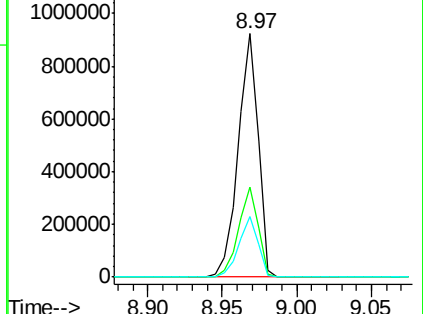
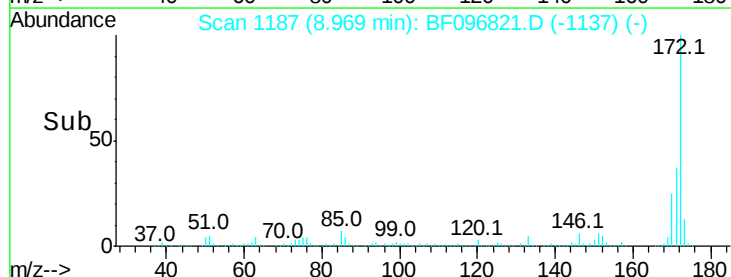
170 24.7 19.8 29.8

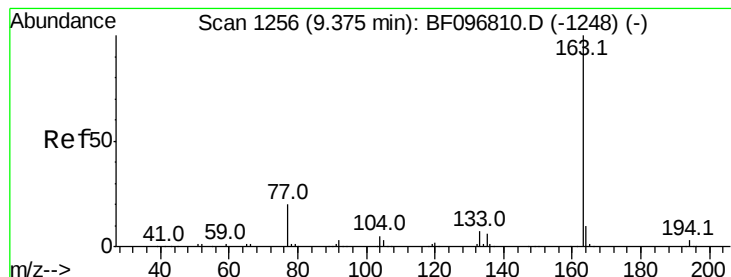


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.663 ng

RT: 9.36 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012

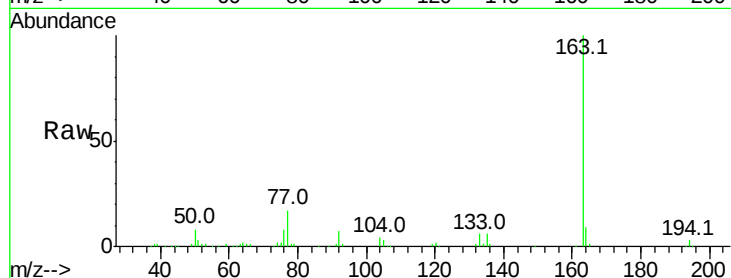
Tot Ion:163 Resp: 208148

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

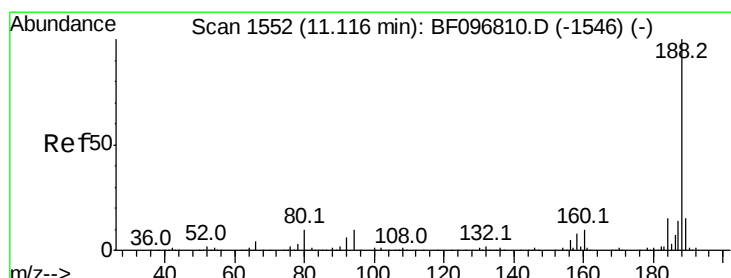
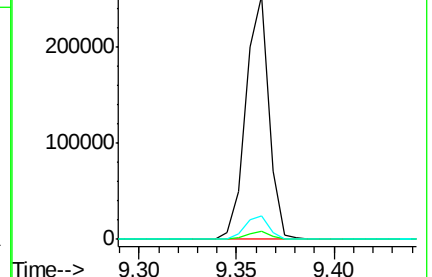
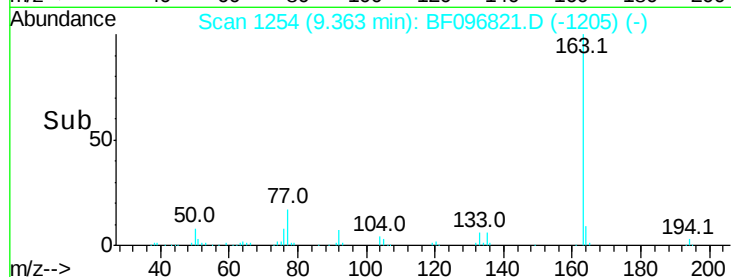
164 9.4 8.4 12.6



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: 20.000 ng

RT: 11.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

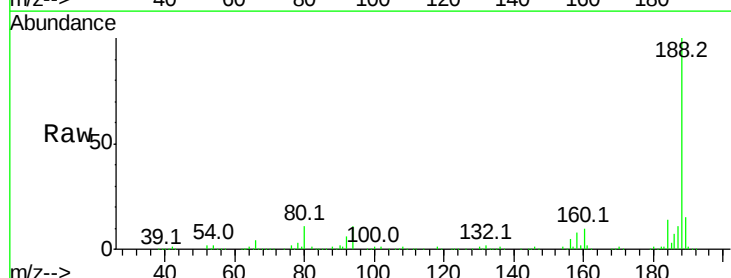
Tgt Ion:188 Resp: 285736

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

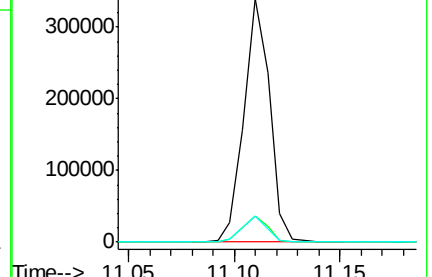
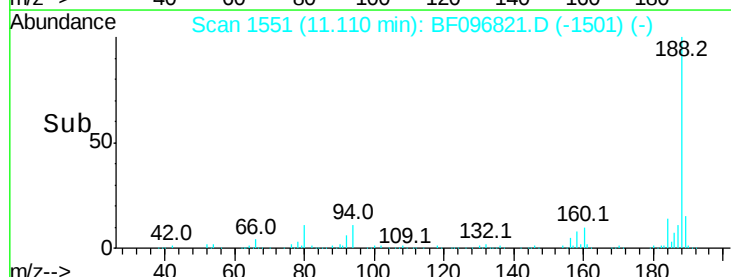
80 10.6 10.2 15.2

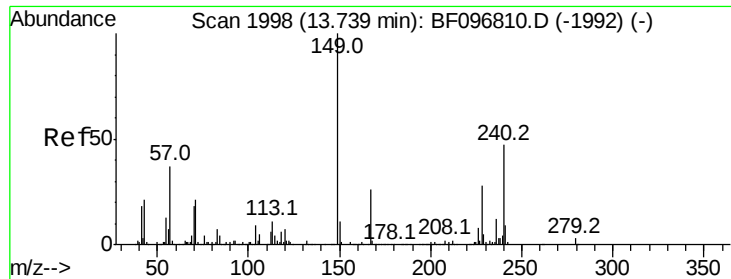


Abundance Ion 188.00 (187.70 to 188.70): E

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# 1997

Delta R.T. -0.01 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012

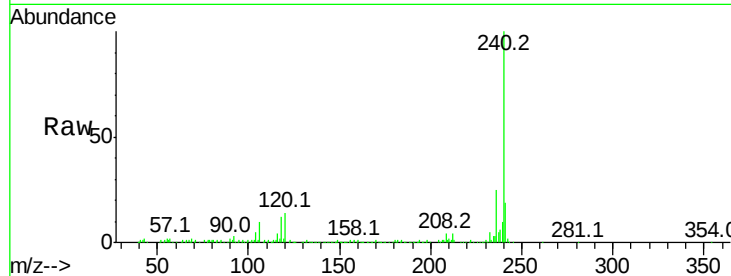
Tot Ion:240 Resp: 188934

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

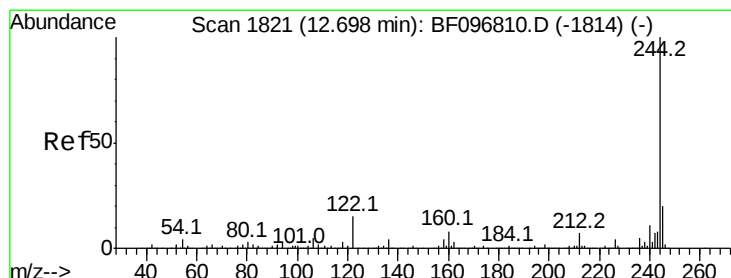
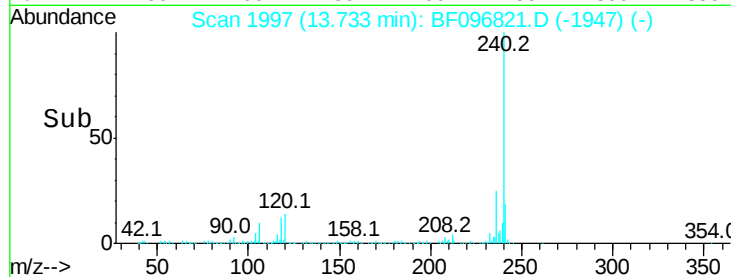
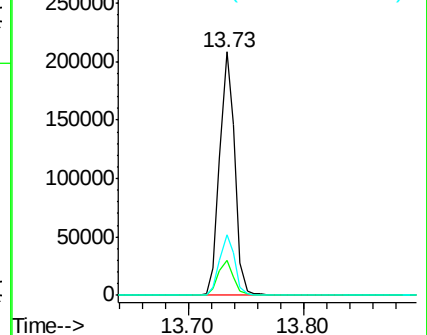
236 25.0 20.5 30.7



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: 49.344 ng

RT: 12.70 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

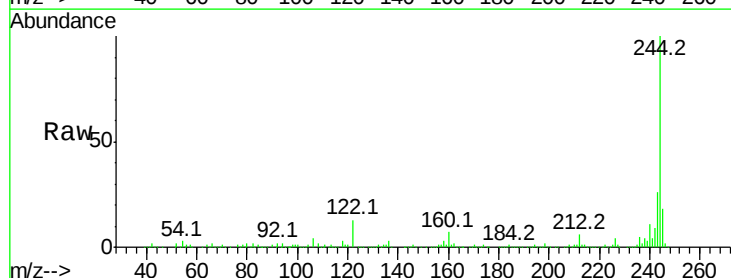
Tgt Ion:244 Resp: 537567

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

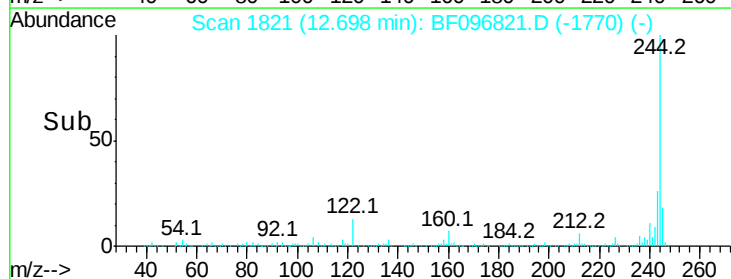
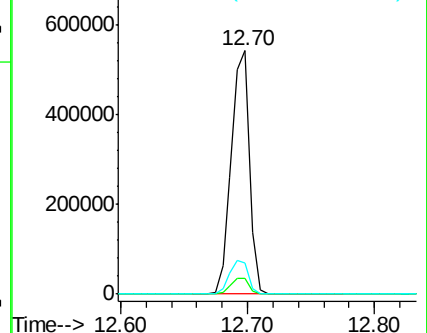
122 12.8 10.3 15.5

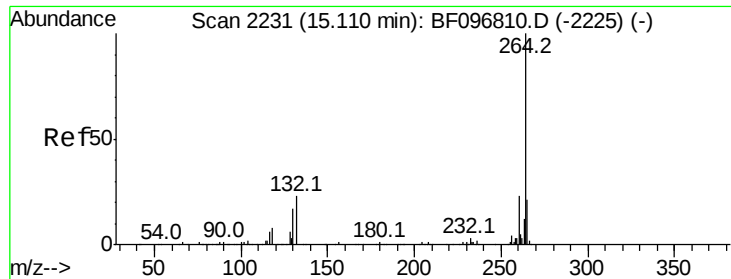


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.11 min Scan# 2231
 Delta R.T. -0.00 min
 Lab File: BF096821.D
 Acq: 17 Jul 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.2	17.2	25.8

