

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096316.D
 Acq On : 30 Jun 2017 2:33
 Operator : SJ/MA
 Sample : I3883-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G45-0-1.5

Quant Time: Jun 30 04:11:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	148415	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	565969	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	202961	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	313942	20.00	ng	0.00
75) Chrysene-d12	13.92	240	289670	20.00	ng	0.00
86) Perylene-d12	15.34	264	205548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	125445	12.18	ng	0.00
7) Phenol-d6	6.39	99	155693	12.48	ng	0.00
23) Nitrobenzene-d5	7.32	82	74129	9.07	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	21260	13.31	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	133661	12.06	ng	-0.02
78) Terphenyl-d14	12.87	244	101668	8.76	ng	0.00

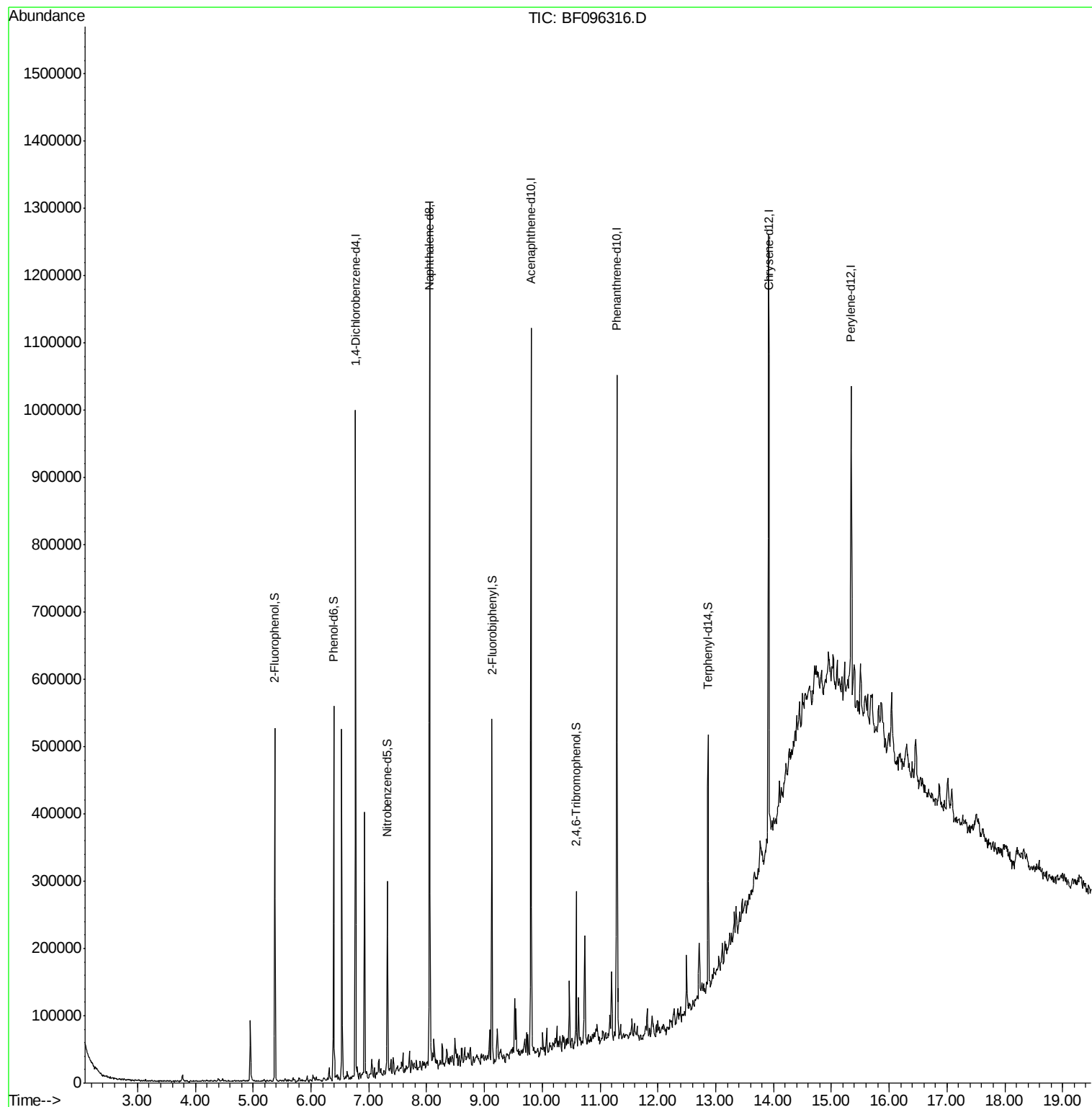
Target Compounds Qvalue

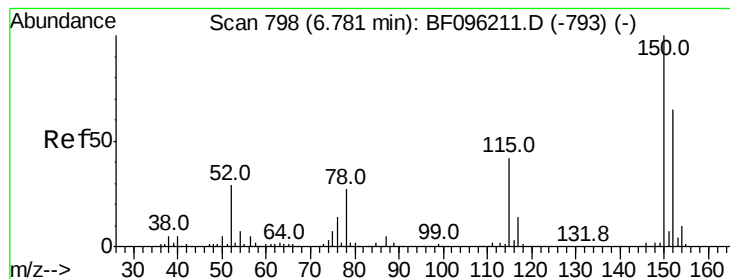
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF096316.D

Acq: 30 Jun 2017 2:33

Instrument :

BNA_F

ClientSampleId :

G45-0-1.5

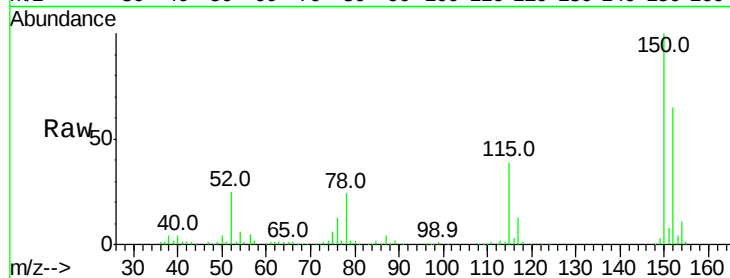
Tot Ion:152 Resp: 148415

Ion Ratio Lower Upper

152 100

150 154.1 126.2 189.2

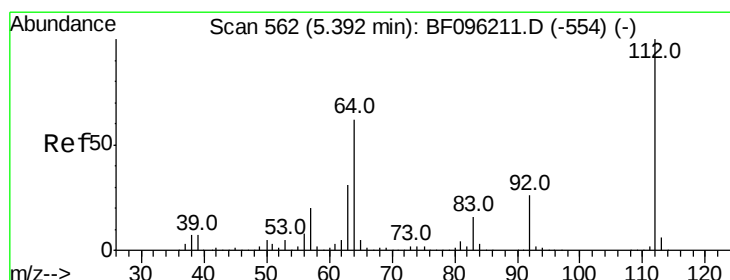
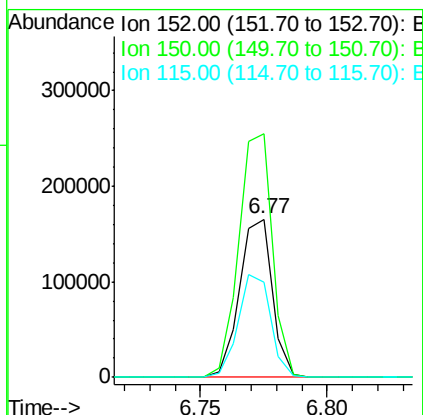
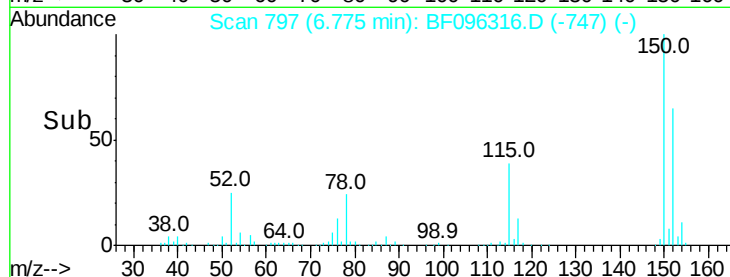
115 60.1 52.2 78.2



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: 12.18 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF096316.D

Acq: 30 Jun 2017 2:33

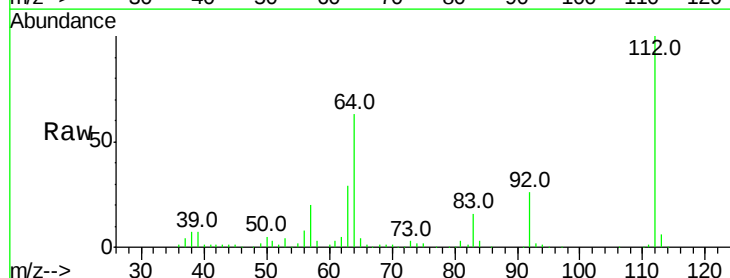
Tgt Ion:112 Resp: 125445

Ion Ratio Lower Upper

112 100

64 63.3 46.0 69.0

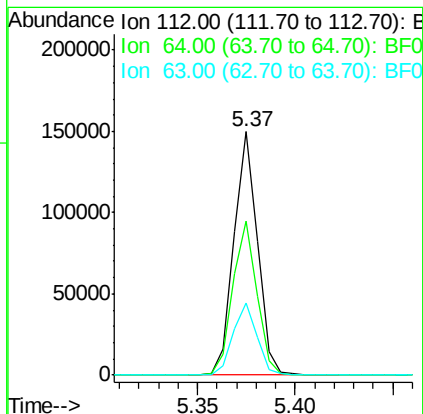
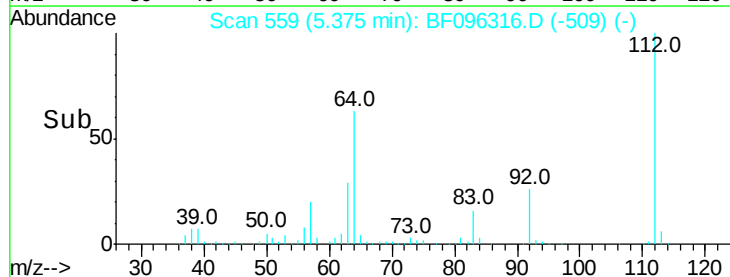
63 29.4 23.4 35.0

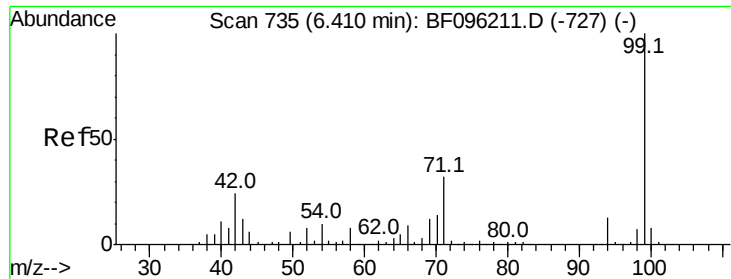


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.48 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096316.D

Acq: 30 Jun 2017 2:33

Instrument :

BNA_F

ClientSampled :

G45-0-1.5

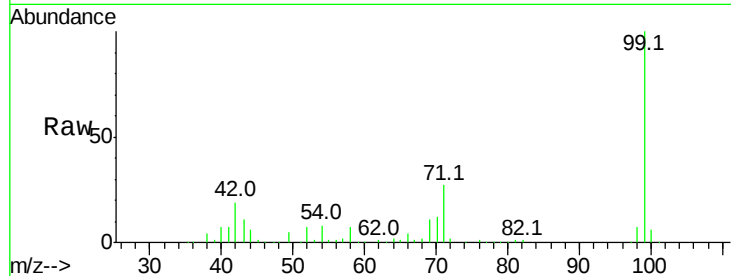
Tot Ion: 99 Resp: 155693

Ion Ratio Lower Upper

99 100

42 18.9 13.5 20.3

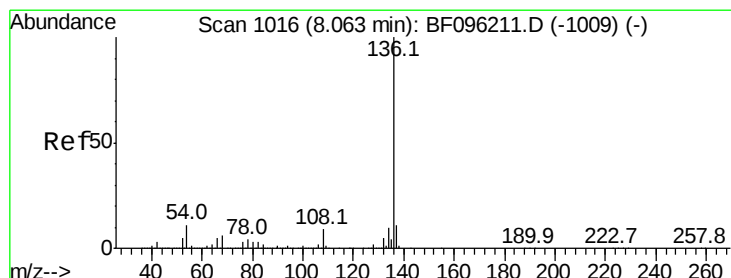
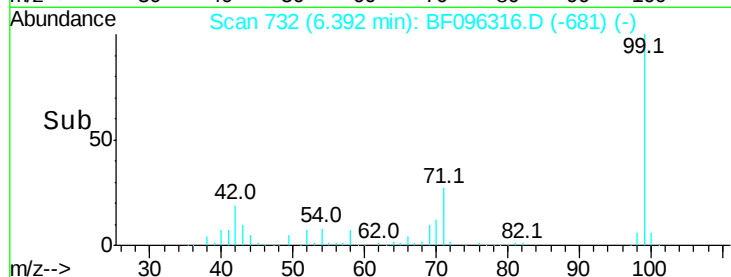
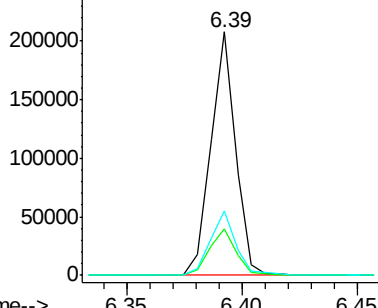
71 26.6 24.5 36.7



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: 20.00 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF096316.D

Acq: 30 Jun 2017 2:33

Tgt Ion: 136 Resp: 565969

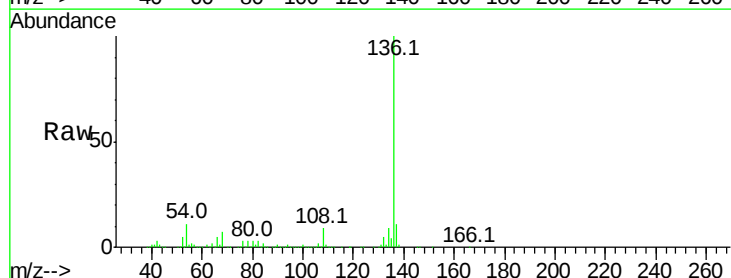
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.3 4.9 7.3#

68 7.0 4.1 6.1#

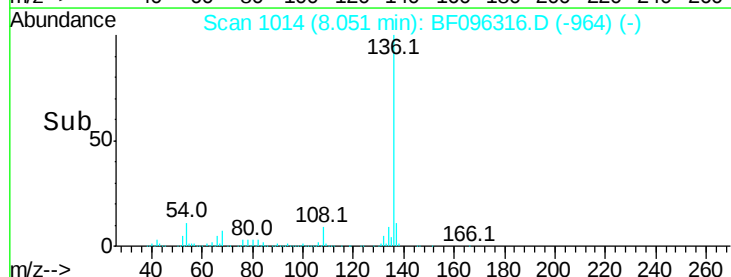
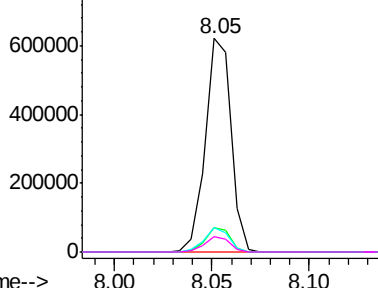


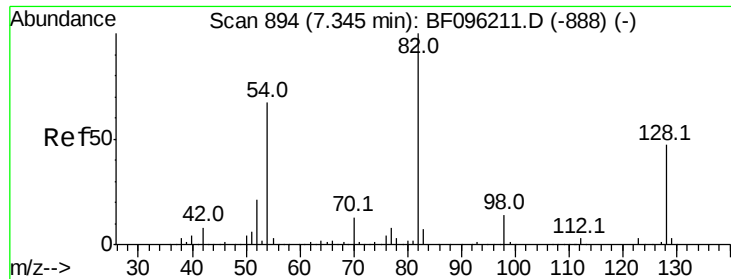
Abundance Ion 136.00 (135.70 to 136.70): E

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

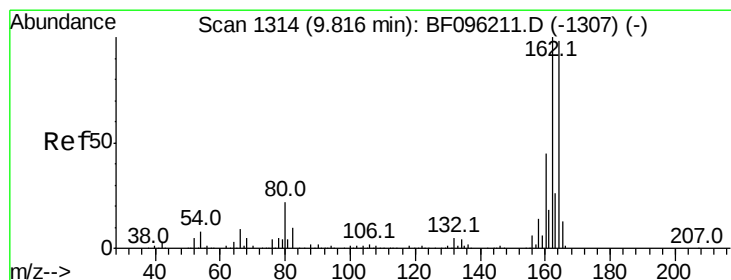
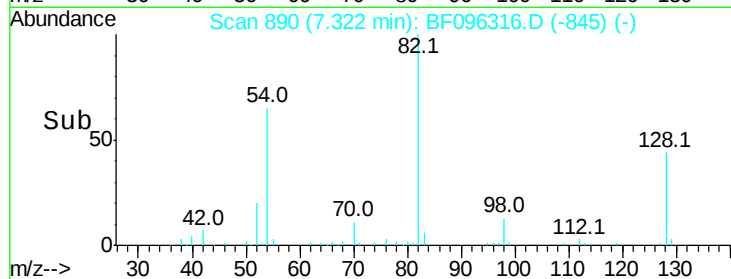
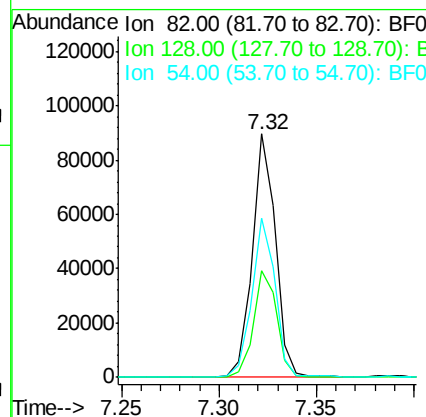
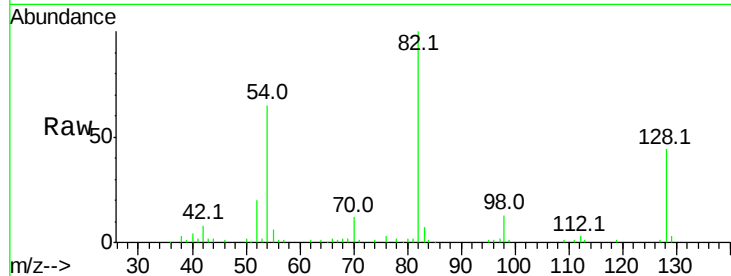




#23
 Nitrobenzene-d5
 Concen: 9.07 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.04 min
 Lab File: BF096316.D
 Acq: 30 Jun 2017 2:33

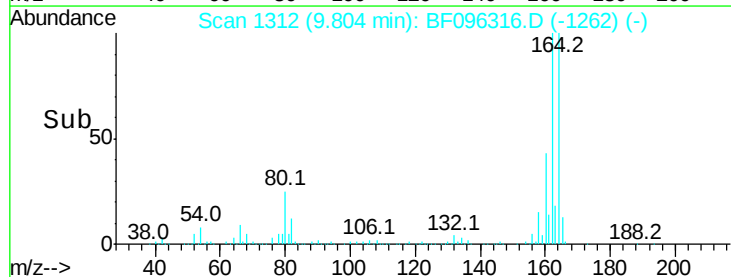
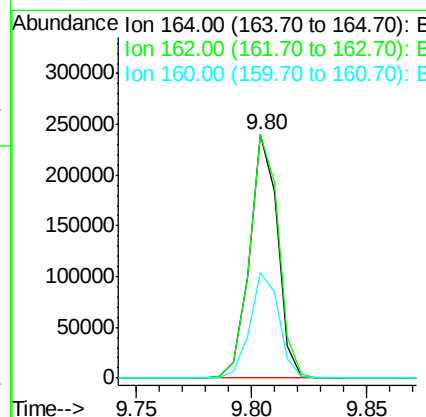
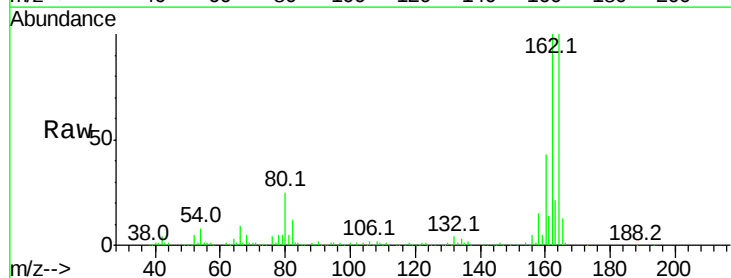
Instrument :
 BNA_F
 ClientSampleId :
 G45-0-1.5

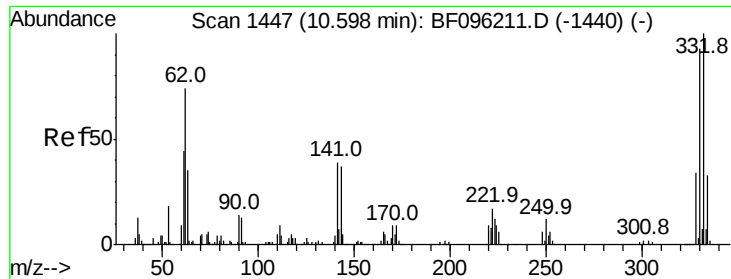
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.0	51.0
54	65.5	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF096316.D
 Acq: 30 Jun 2017 2:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.6	123.8
160	43.4	36.2	54.2

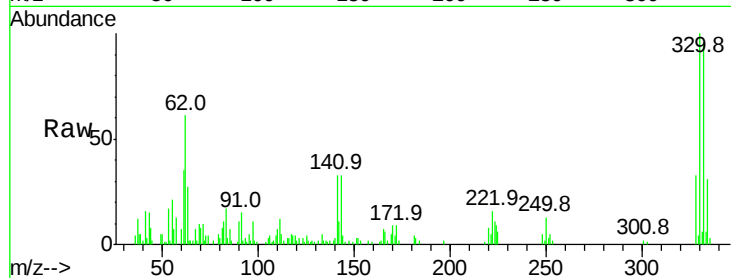




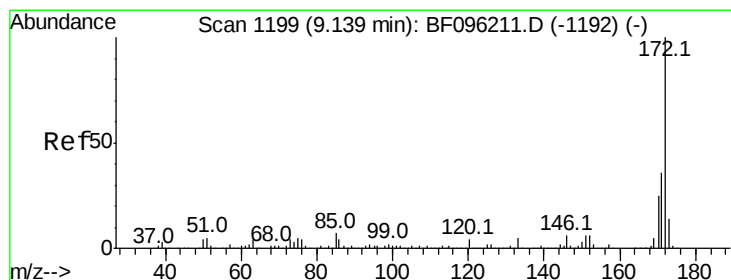
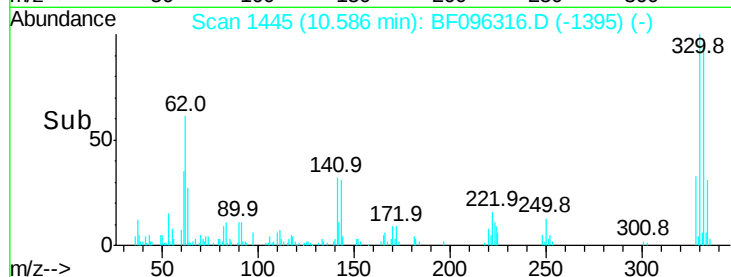
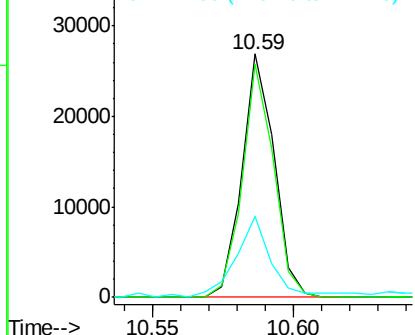
#41
 2,4,6-Tribromophenol
 Concen: 13.31 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096316.D
 Acq: 30 Jun 2017 2:33

Instrument :
 BNA_F
 ClientSampleId :
 G45-0-1.5

Tot Ion:330 Resp: 21260
 Ion Ratio Lower Upper
 330 100
 332 93.1 76.6 115.0
 141 35.9 31.4 47.2

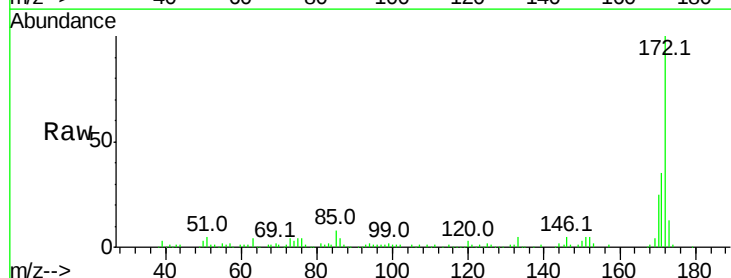


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

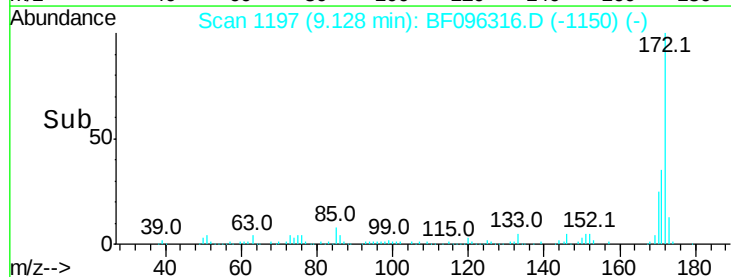
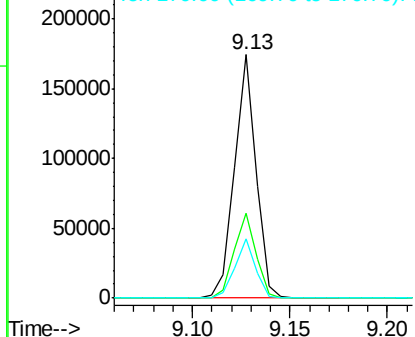


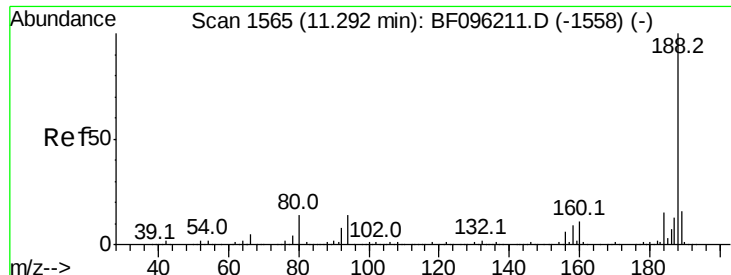
#44
 2-Fluorobiphenyl
 Concen: 12.06 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096316.D
 Acq: 30 Jun 2017 2:33

Tgt Ion:172 Resp: 133661
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 24.5 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: 20.00 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF096316.D

Acq: 30 Jun 2017 2:33

Instrument :

BNA_F

ClientSampleId :

G45-0-1.5

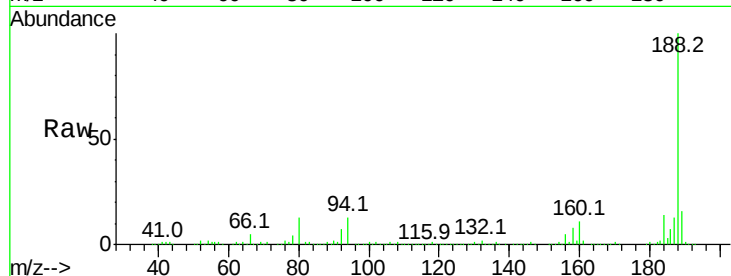
Tot Ion:188 Resp: 313942

Ion Ratio Lower Upper

188 100

94 13.2 9.4 14.2

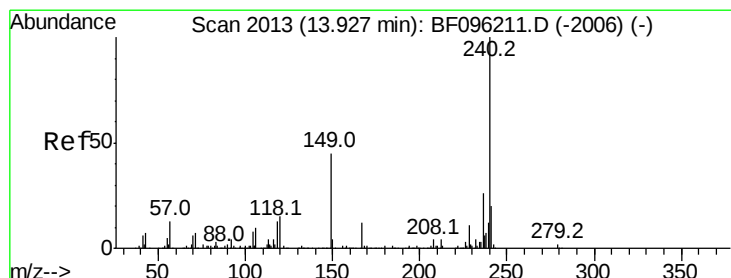
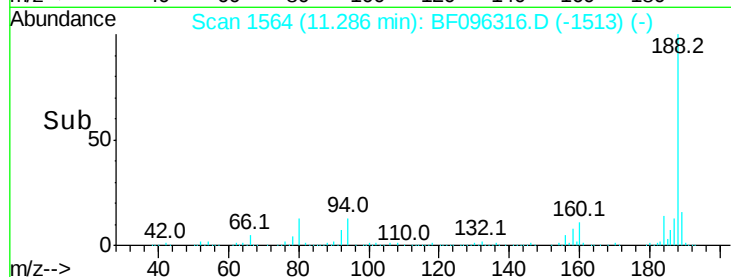
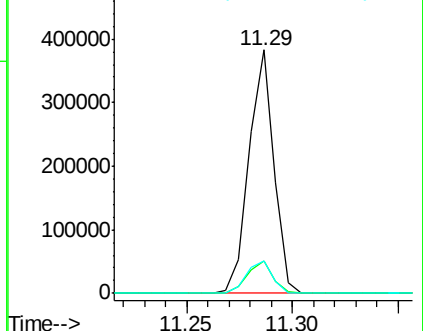
80 13.4 10.2 15.2



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: 20.00 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF096316.D

Acq: 30 Jun 2017 2:33

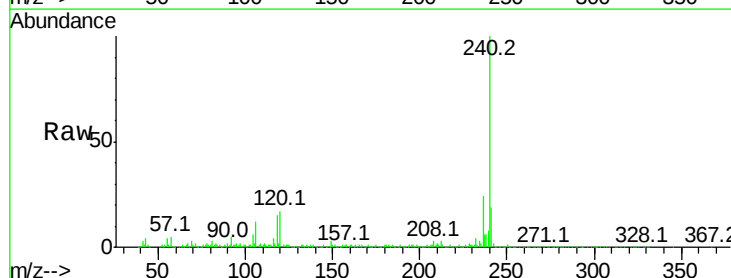
Tgt Ion:240 Resp: 289670

Ion Ratio Lower Upper

240 100

120 17.2 5.8 8.8#

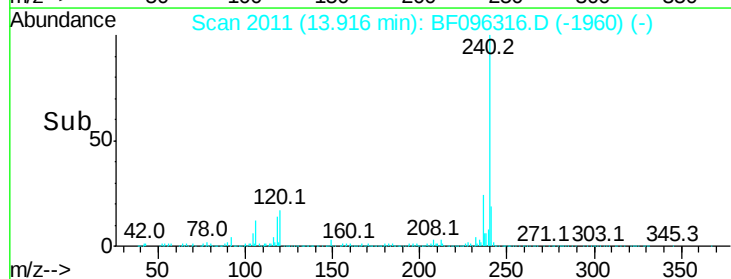
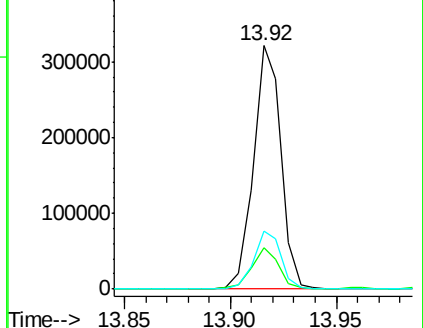
236 23.7 20.5 30.7

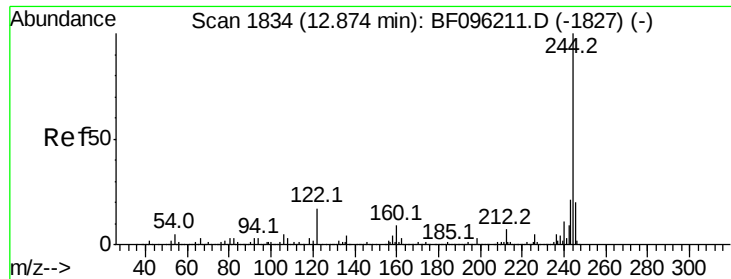


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 8.76 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096316.D

Acq: 30 Jun 2017 2:33

Instrument :

BNA_F

ClientSampleId :

G45-0-1.5

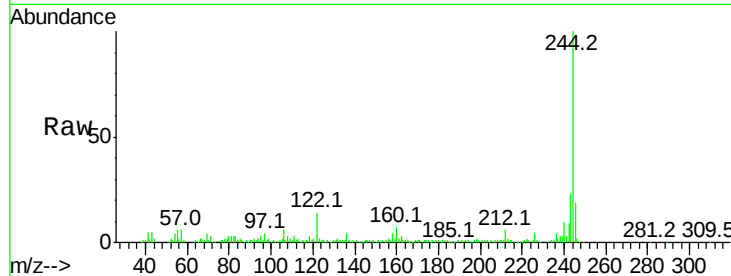
Tot Ion:244 Resp: 101668

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

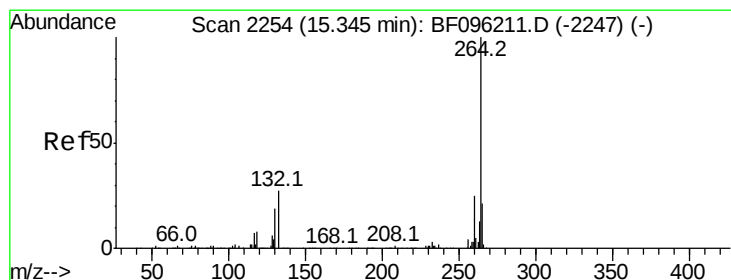
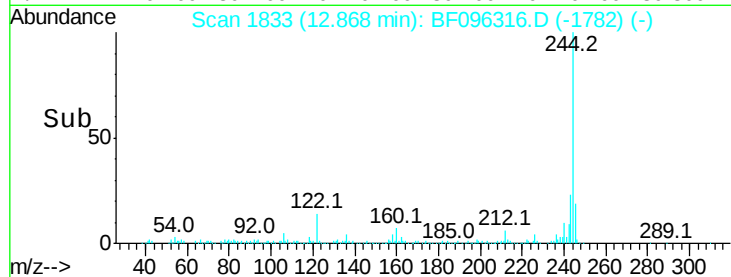
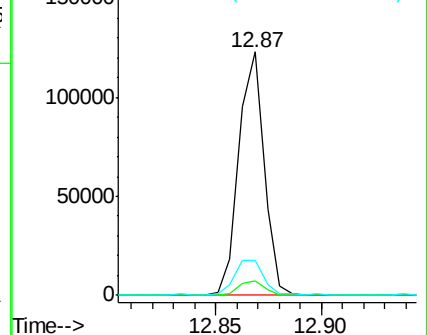
122 14.3 10.3 15.5



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: 20.00 ng

RT: 15.34 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BF096316.D

Acq: 30 Jun 2017 2:33

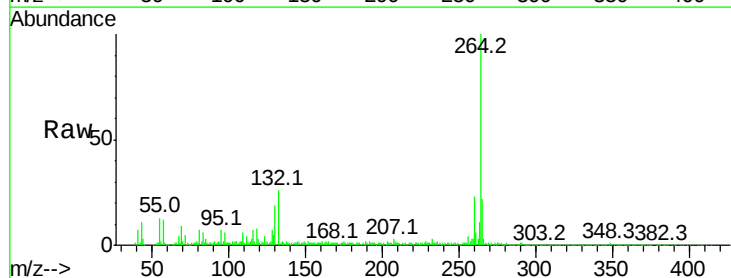
Tgt Ion:264 Resp: 205548

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 22.0 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

