

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099045.D
 Acq On : 3 Oct 2017 22:12
 Operator : SJ/JU
 Sample : I5531-09RE 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-2.5RE

Quant Time: Oct 04 03:00:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

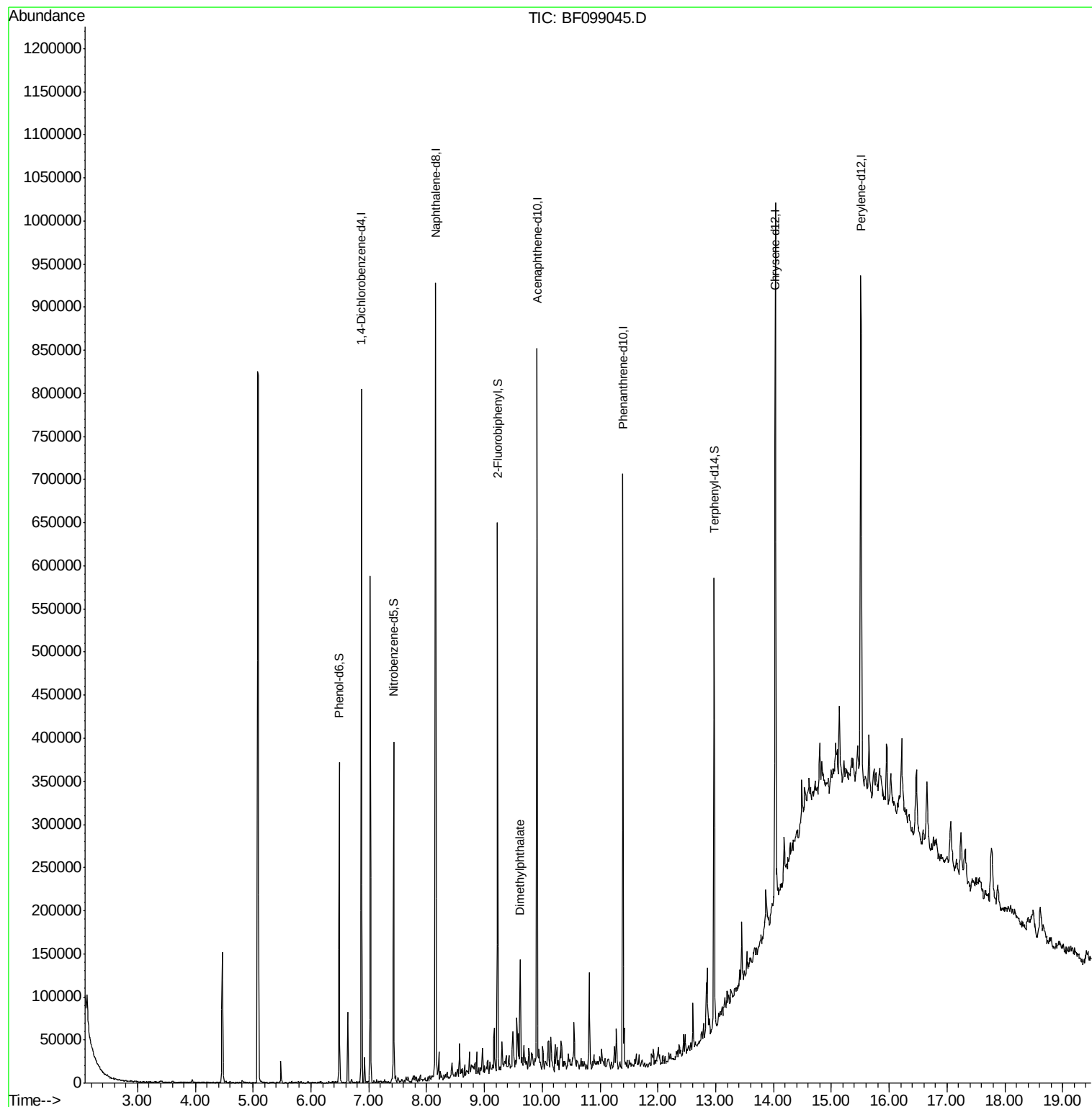
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118296	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	428836	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	151070	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	228428	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	243291	20.00	ng	-0.05
86) Perylene-d12	15.51	264	241940	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	7246	0.98	ng	-0.06
7) Phenol-d6	6.49	99	108385	11.82	ng	-0.06
23) Nitrobenzene-d5	7.43	82	112450	16.82	ng	-0.06
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.23	172	190065	21.00	ng	-0.05
78) Terphenyl-d14	12.97	244	138486	12.95	ng	-0.06
Target Compounds						
49) Dimethylphthalate	9.62	163	25942	2.275	ng	Qvalue # 98

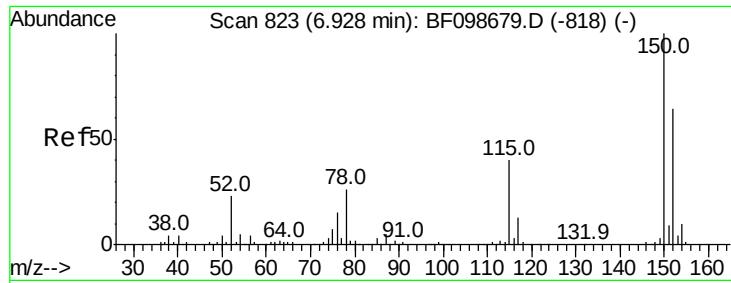
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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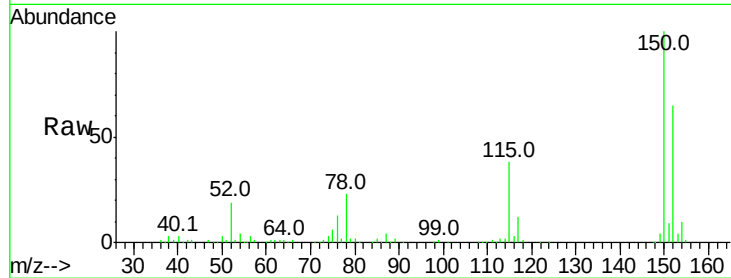


#1

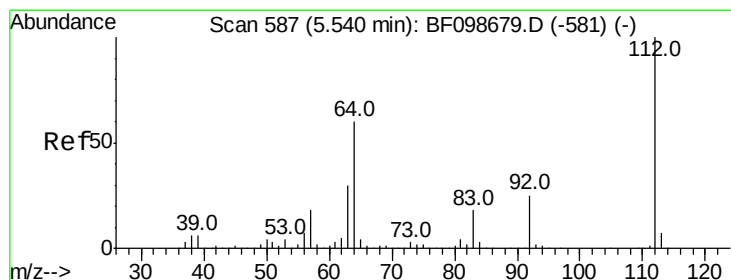
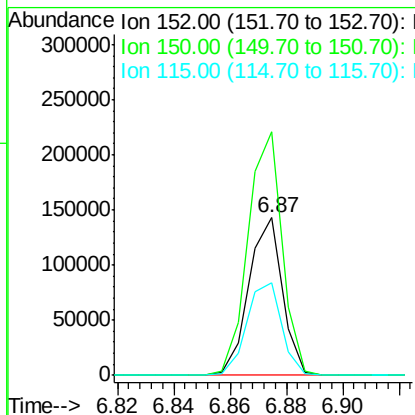
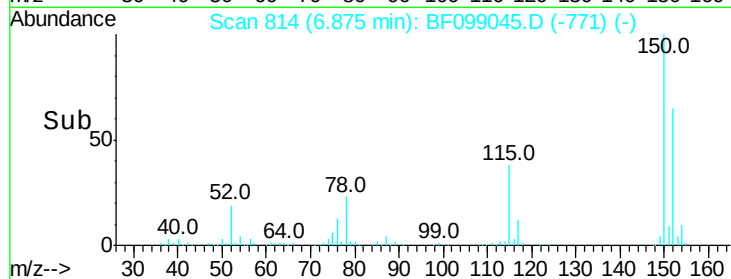
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF099045.D
 Acq: 3 Oct 2017 22:12

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-2.5RE

Tot Ion:152 Resp: 118296
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.6 186.8
 115 58.6 50.1 75.1



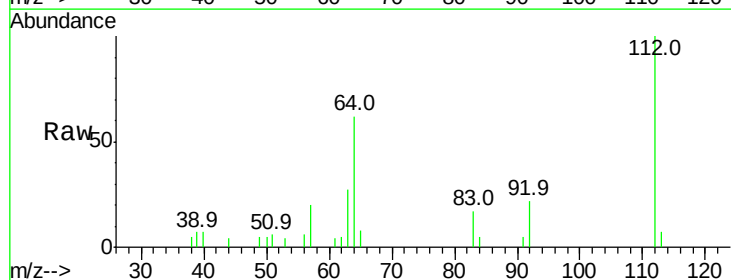
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



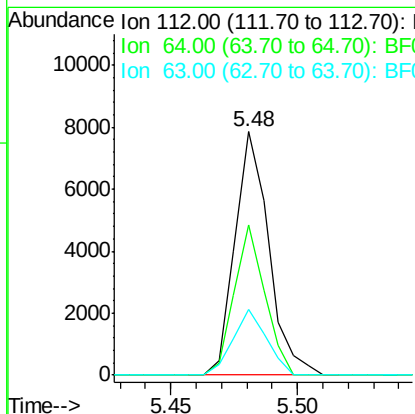
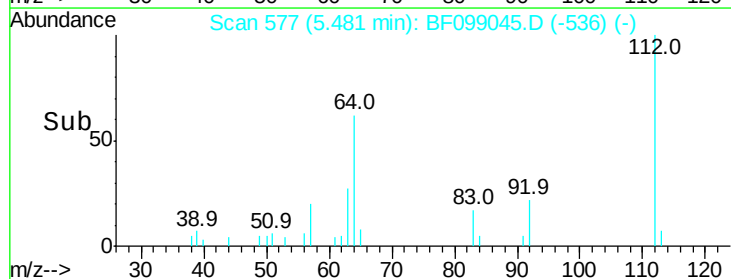
#5

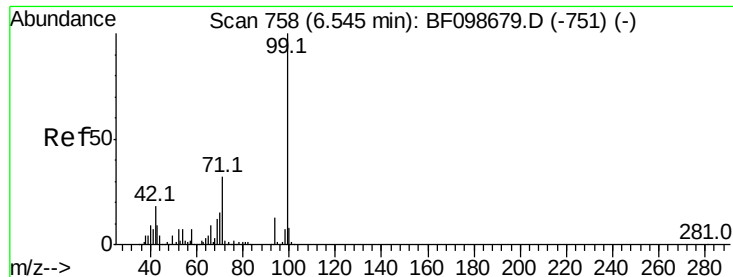
2-Fluorophenol
 Concen: 0.975 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.06 min
 Lab File: BF099045.D
 Acq: 3 Oct 2017 22:12

Tgt Ion:112 Resp: 7246
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.9 71.9
 63 26.9 23.7 35.5



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: 11.823 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF099045.D

Acq: 3 Oct 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5RE

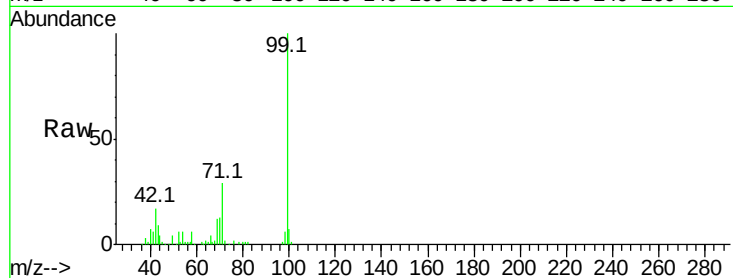
Tot Ion: 99 Resp: 108385

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

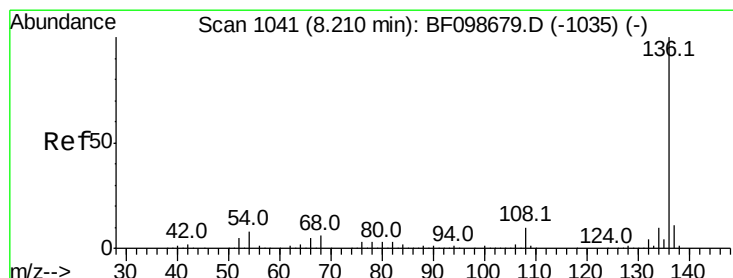
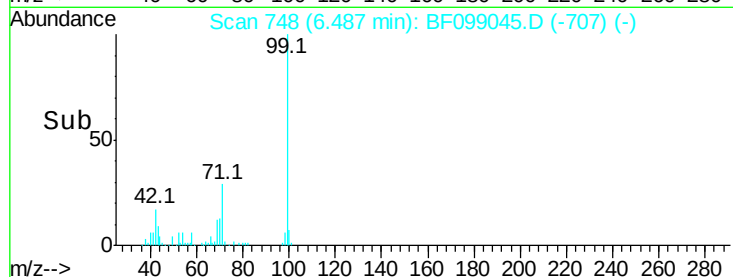
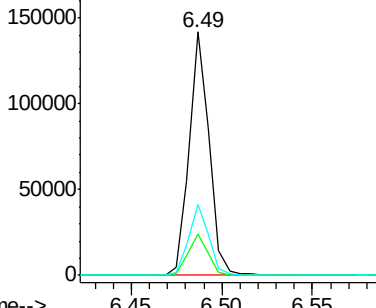
71 29.2 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF099045.D

Acq: 3 Oct 2017 22:12

Tgt Ion: 136 Resp: 428836

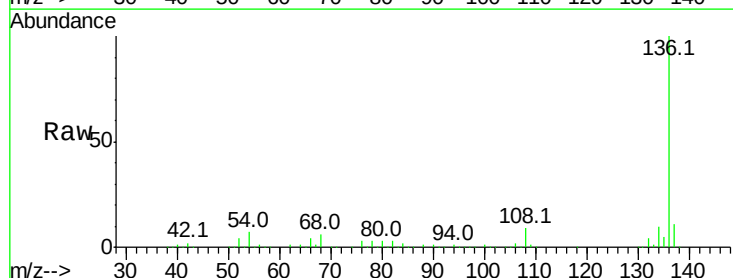
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.8 6.6 9.8

68 5.5 5.0 7.4

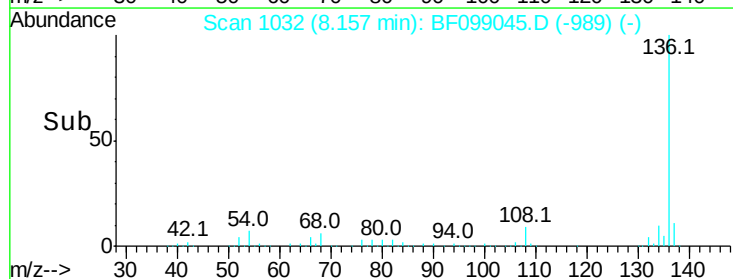
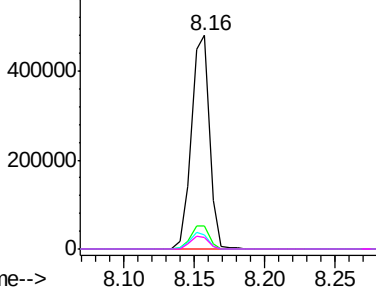


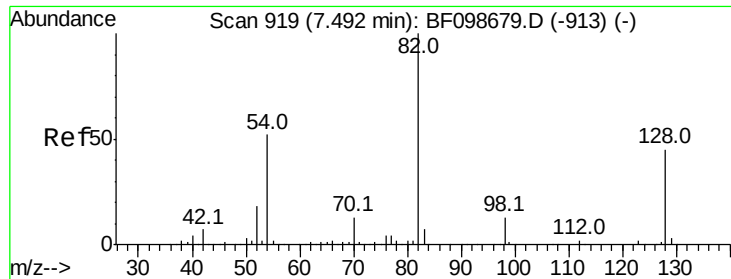
Abundance Ion 136.00 (135.70 to 136.70): E

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

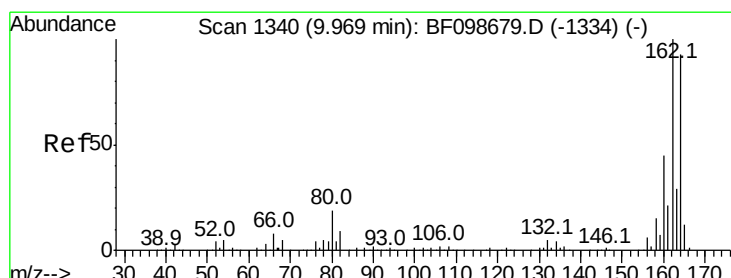
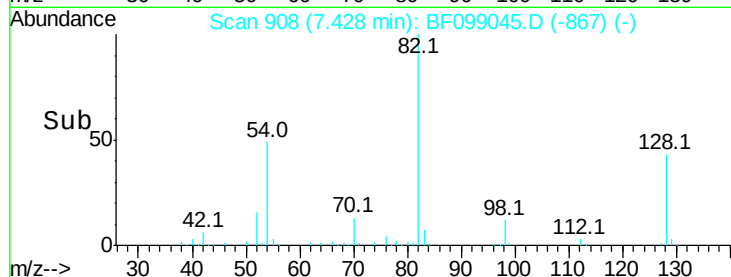
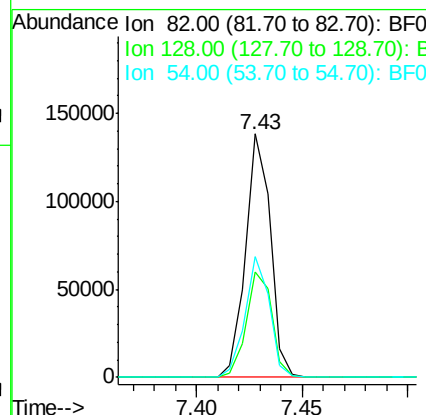
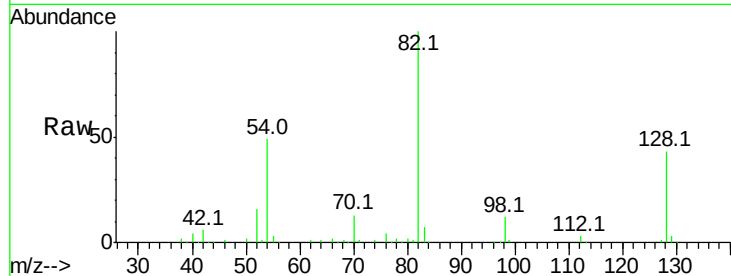




#23
 Nitrobenzene-d5
 Concen: 16.816 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.06 min
 Lab File: BF099045.D
 Acq: 3 Oct 2017 22:12

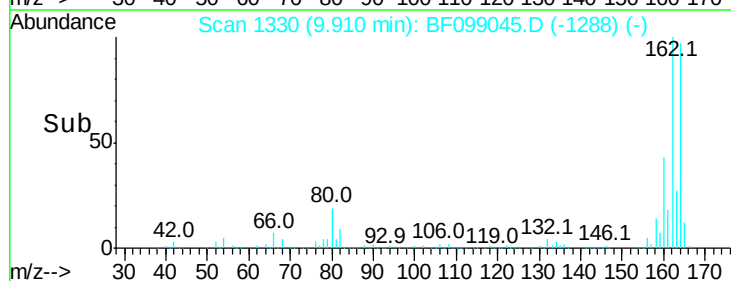
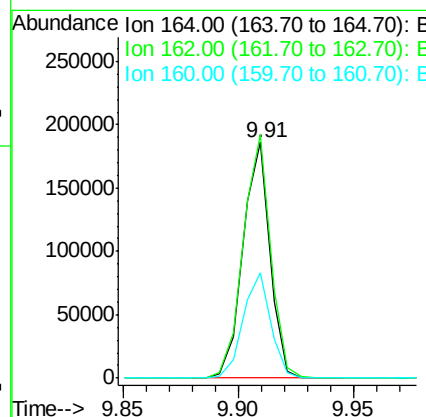
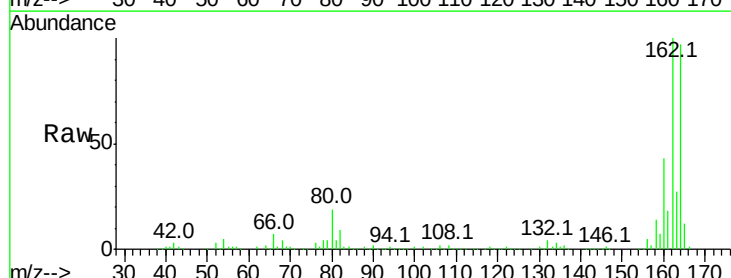
Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-2.5RE

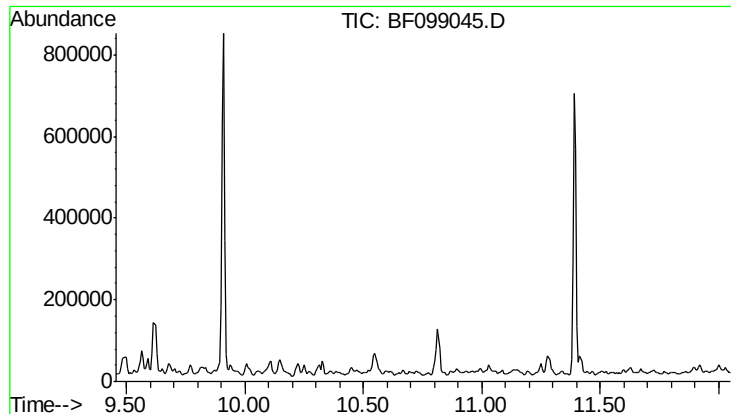
Tot Ion: 82 Resp: 112450
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.1 54.1
 54 49.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099045.D
 Acq: 3 Oct 2017 22:12

Tgt Ion:164 Resp: 151070
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 44.7 38.3 57.5

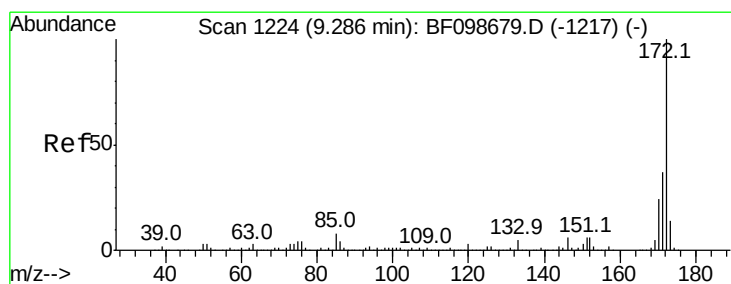
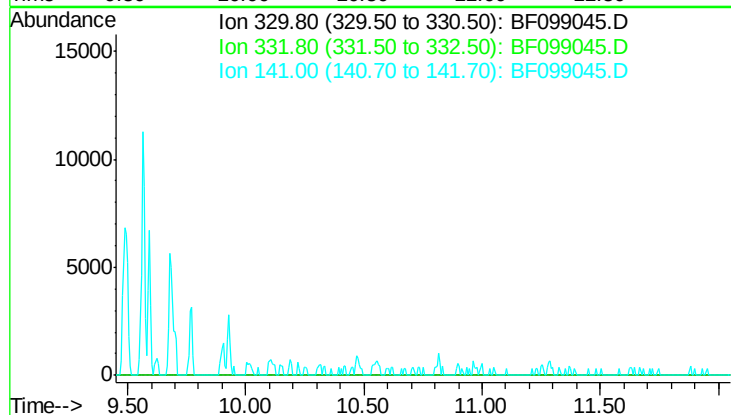




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.75 min
 Lab File: BF099045.D
 Acq: 3 Oct 2017 22:12

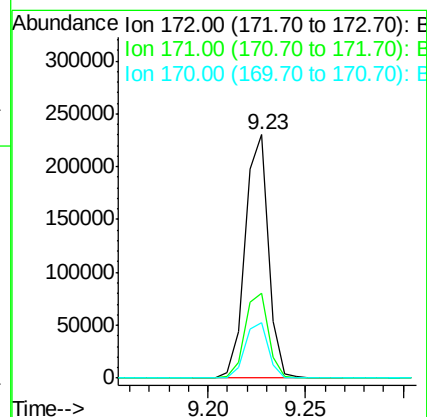
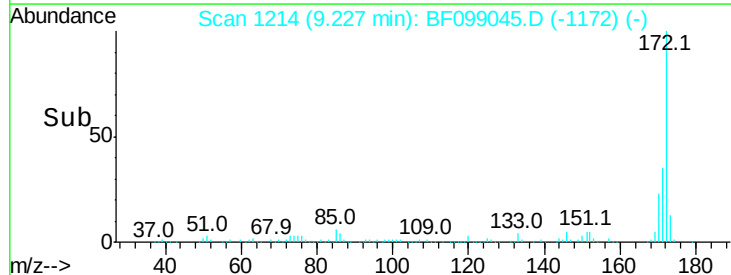
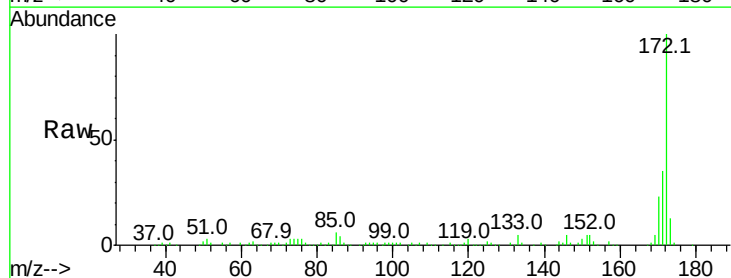
Instrument :
 BNA_F
 ClientSampleId :
 G-62A-0-2.5RE

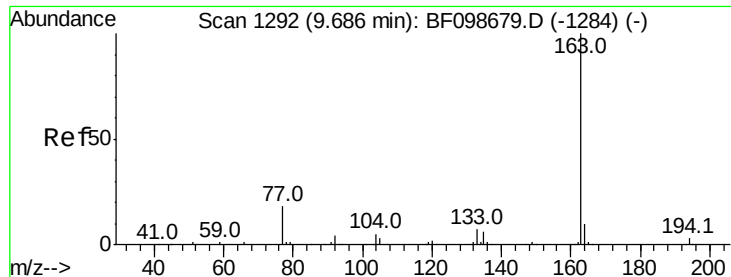
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 21.003 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF099045.D
 Acq: 3 Oct 2017 22:12

Tgt Ion: 172 Resp: 190065
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 22.7 19.6 29.4





#49

Dimethylphthalate

Concen: 2.275 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.06 min

Lab File: BF099045.D

Acq: 3 Oct 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5RE

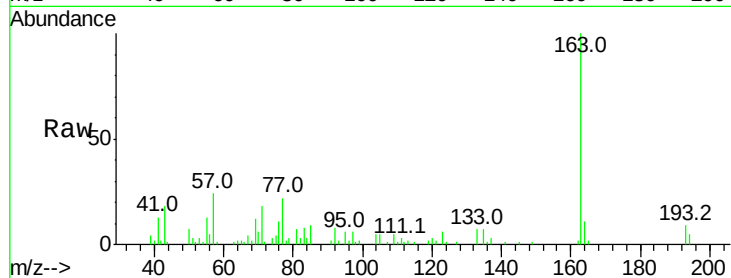
Tot Ion:163 Resp: 25942

Ion Ratio Lower Upper

163 100

194 4.9 2.7 4.1#

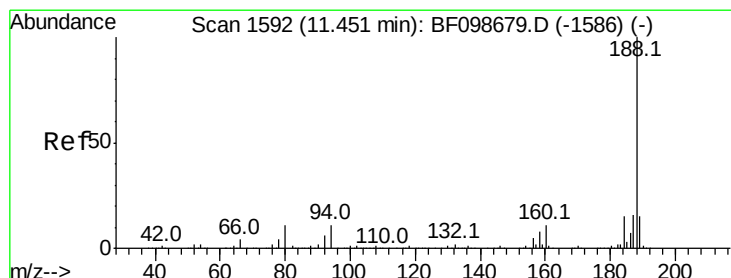
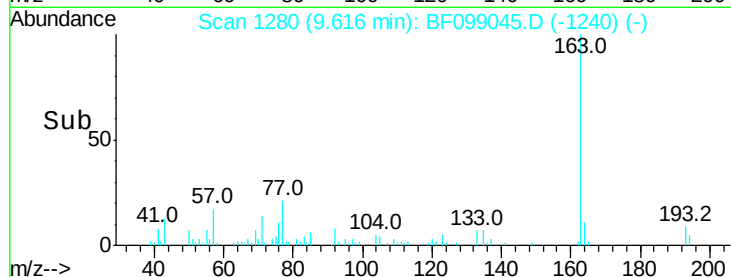
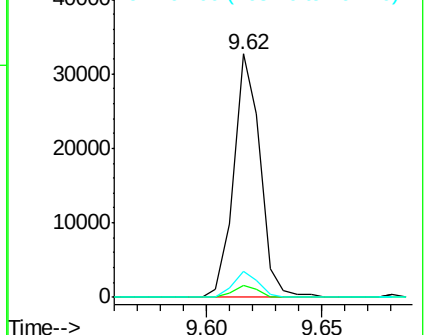
164 10.8 8.2 12.2



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: 11.39 min Scan# 1582

Delta R.T. -0.05 min

Lab File: BF099045.D

Acq: 3 Oct 2017 22:12

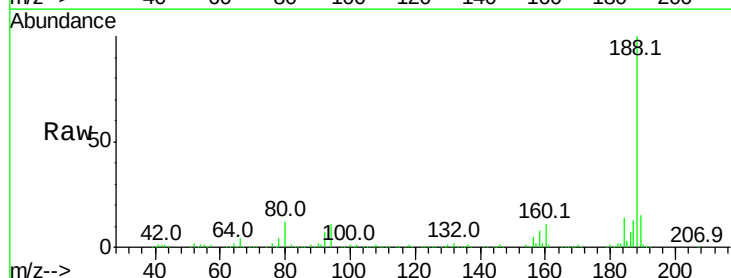
Tgt Ion:188 Resp: 228428

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

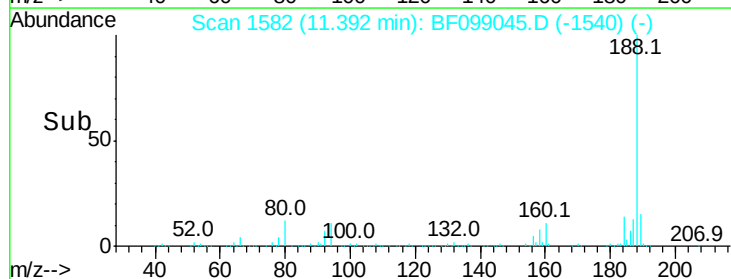
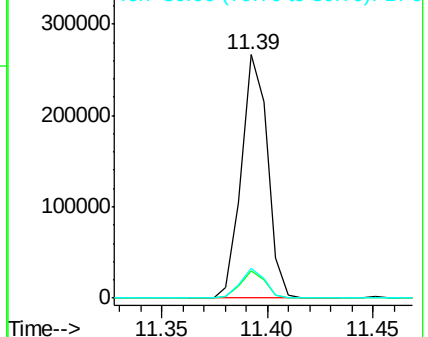
80 12.2 9.2 13.8

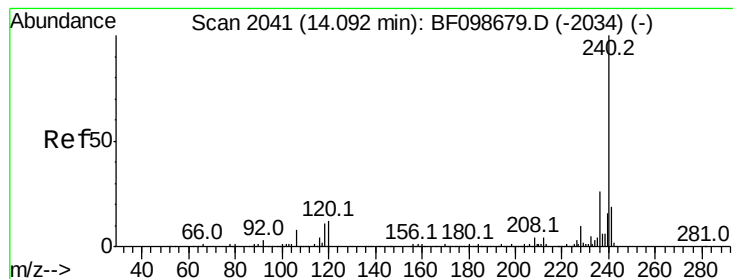


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099045.D

Acq: 3 Oct 2017 22:12

Instrument :

BNA_F

ClientSampleId :

G-62A-0-2.5RE

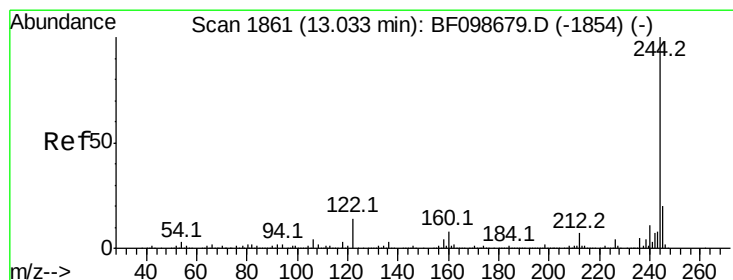
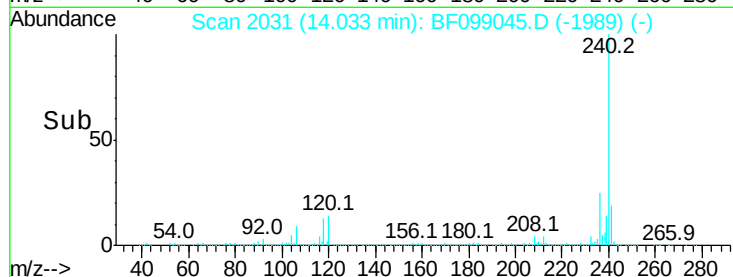
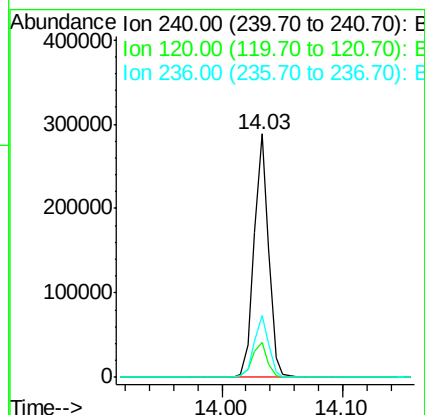
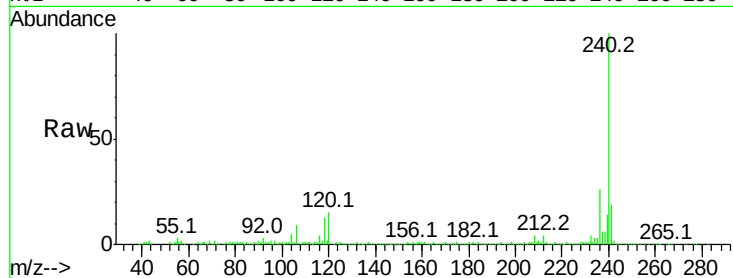
Tot Ion:240 Resp: 243291

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

236 25.6 20.7 31.1



#78

Terphenyl-d14

Concen: 12.945 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099045.D

Acq: 3 Oct 2017 22:12

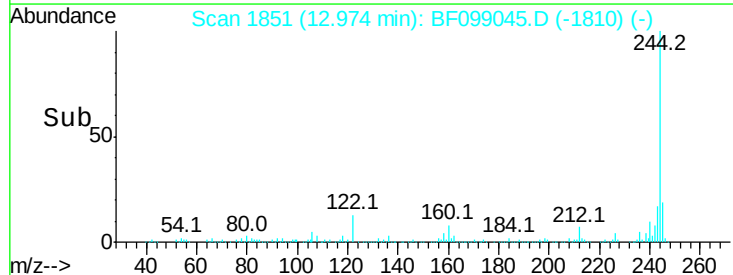
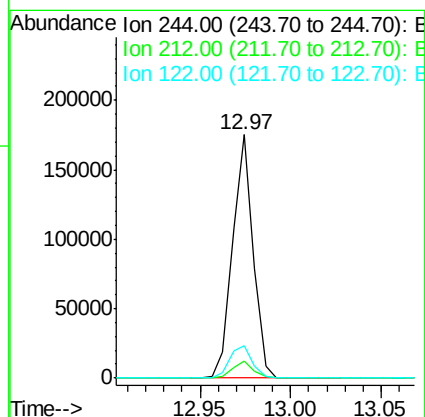
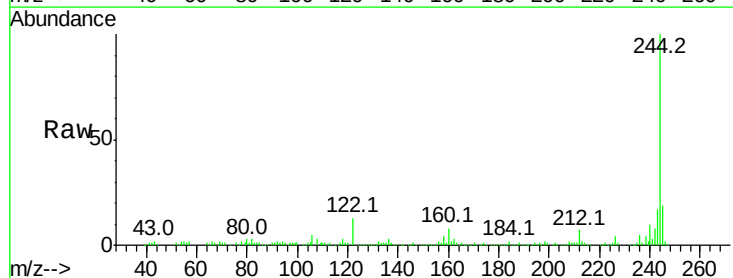
Tgt Ion:244 Resp: 138486

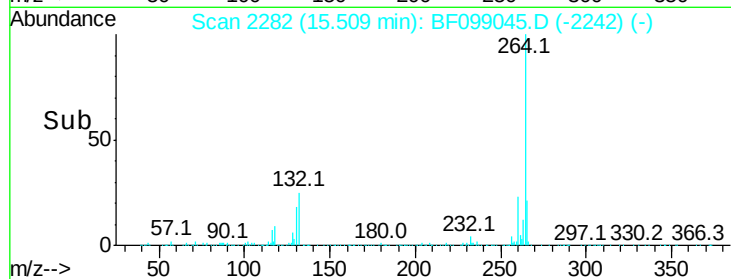
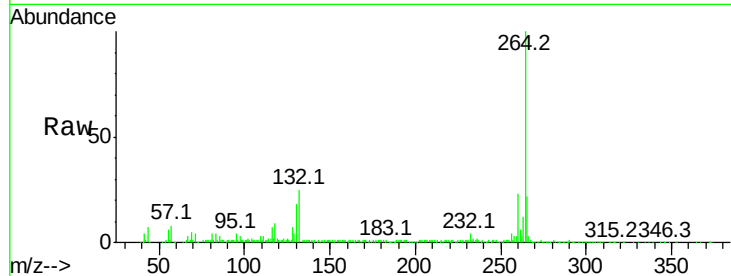
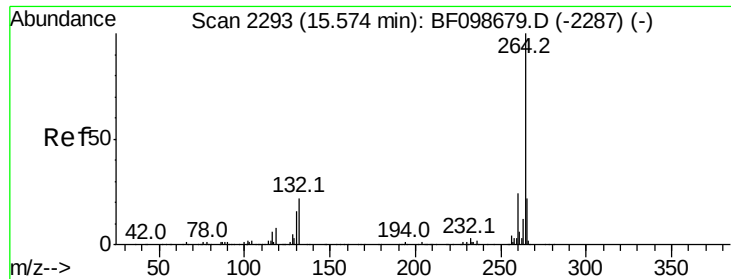
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

122 13.5 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.06 min
Lab File: BF099045.D
Acq: 3 Oct 2017 22:12

Instrument :
BNA_F
ClientSampleId :
G-62A-0-2.5RE

Tot Ion: 264 Resp: 241940
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.7 17.5 26.3

