

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097836.D
 Acq On : 18 Aug 2017 15:25
 Operator : SJ/JU
 Sample : I4819-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSE-GRADE

Quant Time: Aug 18 17:20:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

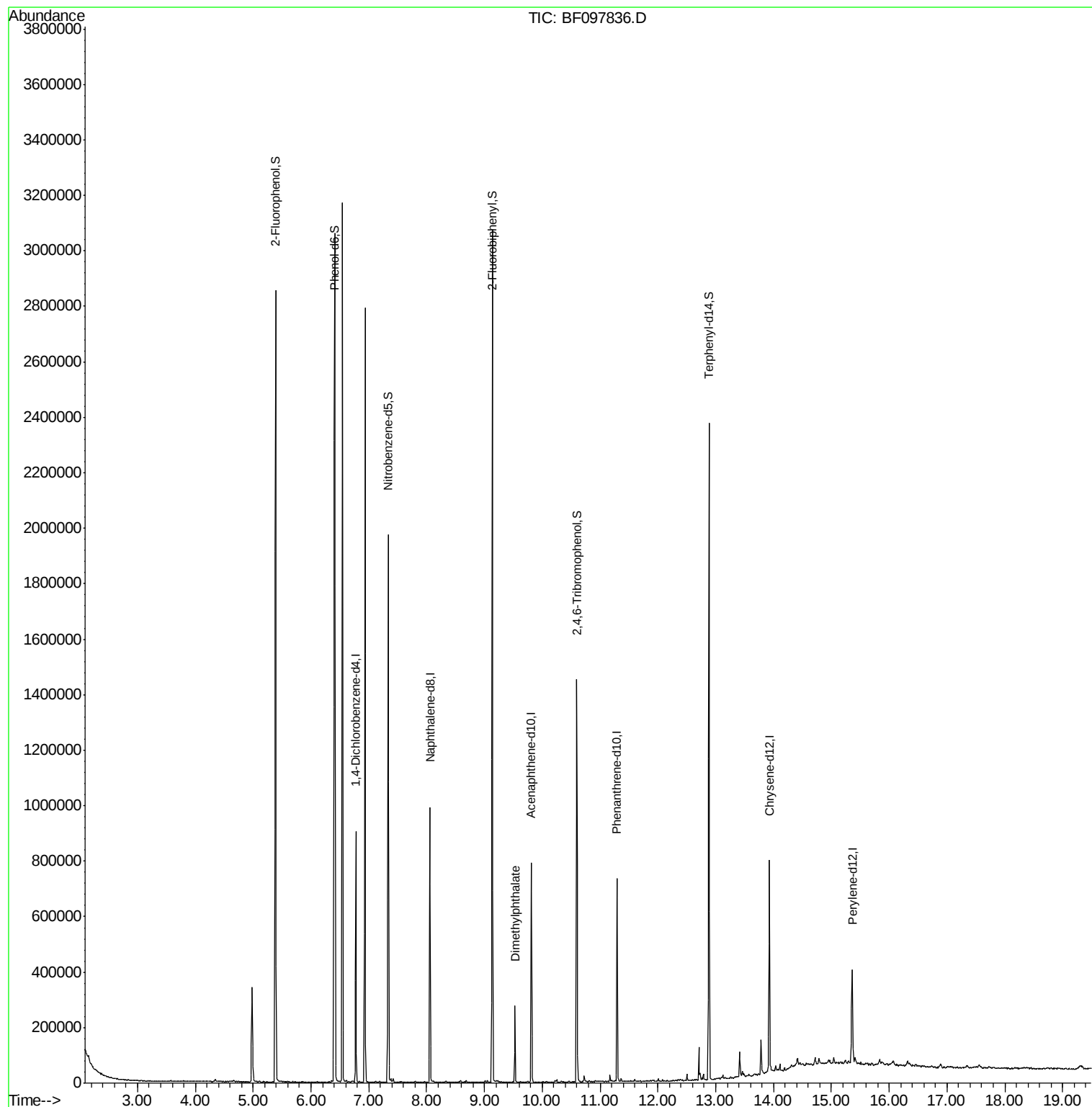
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	113021	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	400387	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	142163	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	247724	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	229915	20.00	ng	-0.01
86) Perylene-d12	15.36	264	149840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	923797	124.33	ng	0.00
7) Phenol-d6	6.41	99	1195801	118.45	ng	0.00
23) Nitrobenzene-d5	7.34	82	704260	95.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	142560	115.57	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	923639	95.45	ng	0.00
78) Terphenyl-d14	12.89	244	744048	67.49	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	91303	8.786	ng	99

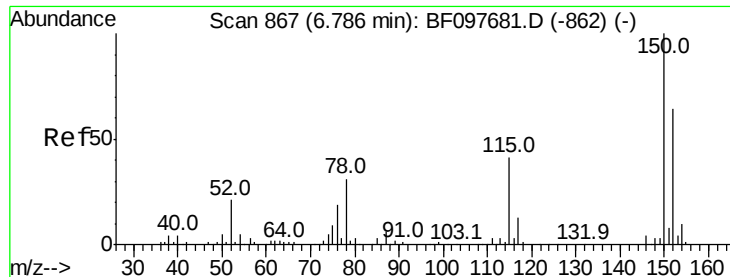
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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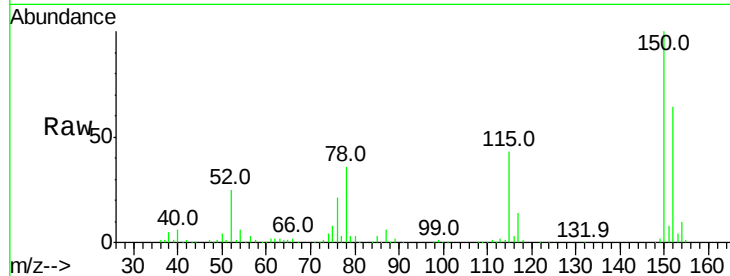


#1

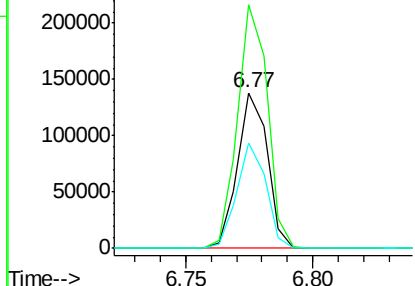
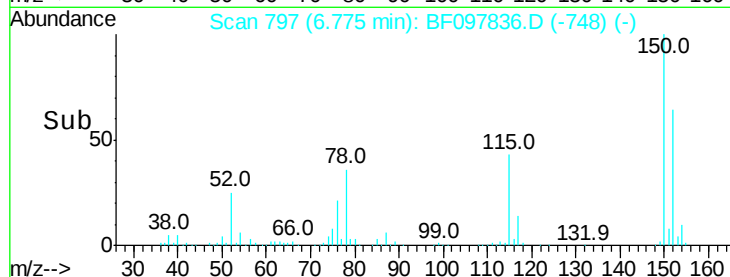
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097836.D
Acq: 18 Aug 2017 15:25

Instrument :
BNA_F
ClientSampleId :
1-1-2-DENSE-GRADE

Tot Ion:152 Resp: 113021
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 67.6 52.2 78.2



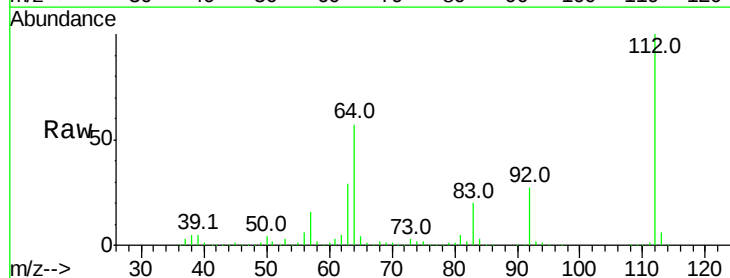
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



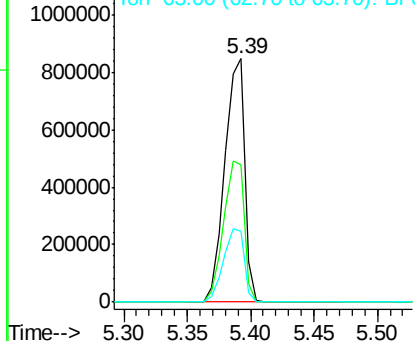
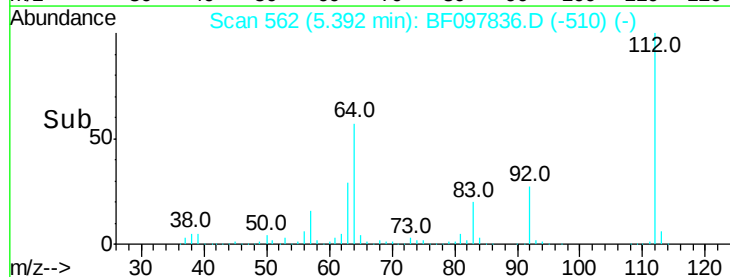
#5

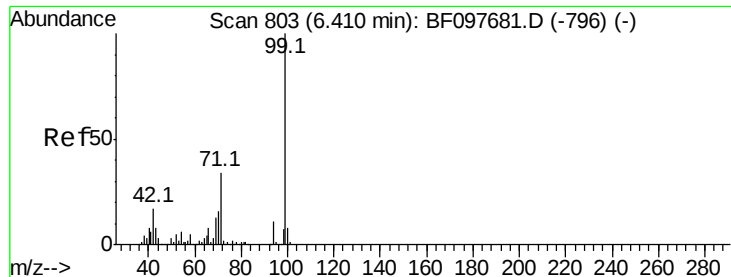
2-Fluorophenol
Concen: 124.328 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097836.D
Acq: 18 Aug 2017 15:25

Tgt Ion:112 Resp: 923797
Ion Ratio Lower Upper
112 100
64 56.7 46.0 69.0
63 28.9 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: 118.447 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

Instrument :

BNA_F

ClientSampleId :

1-1-2-DENSE-GRADE

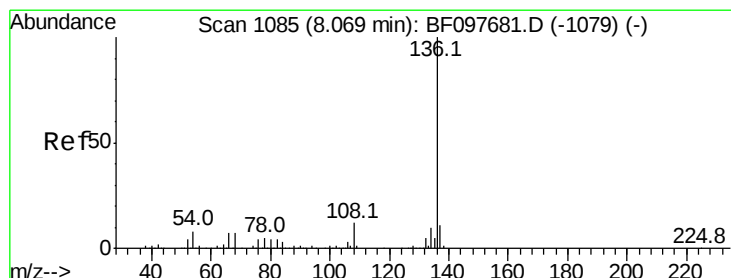
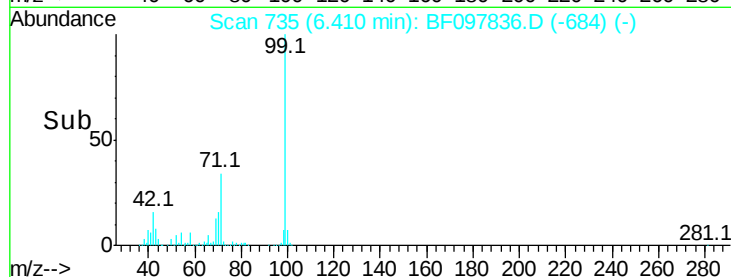
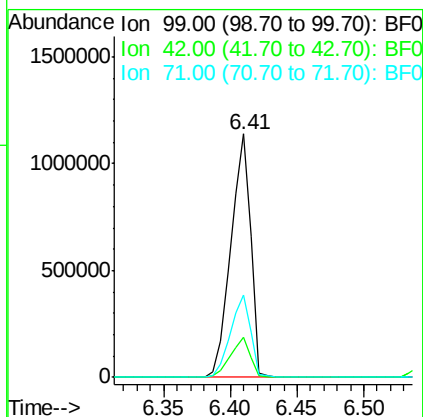
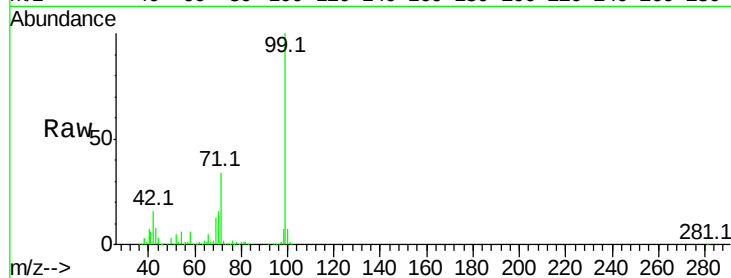
Tot Ion: 99 Resp: 1195801

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 33.8 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

Tgt Ion: 136 Resp: 400387

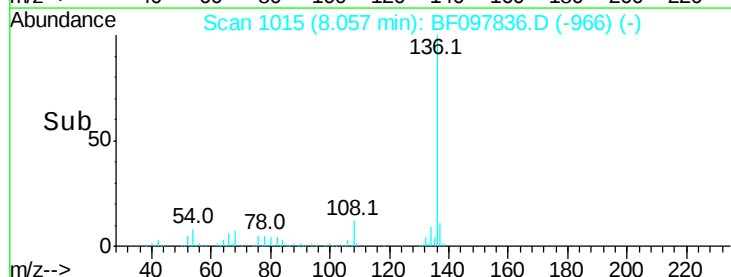
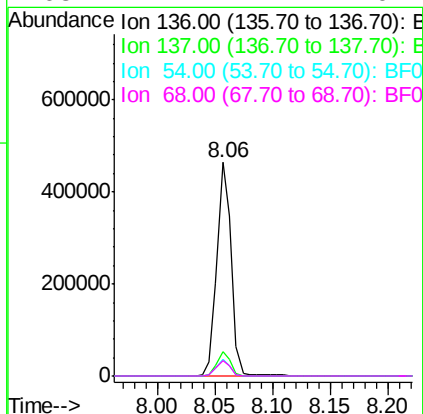
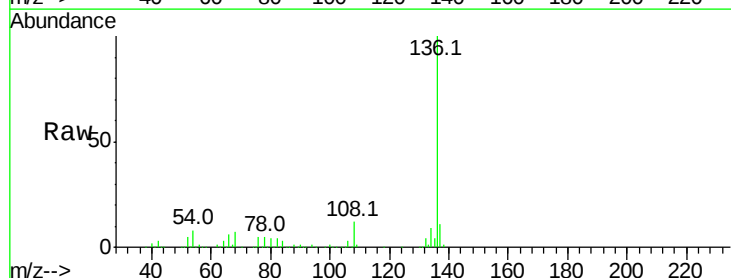
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.0 4.9 7.3#

68 7.4 4.1 6.1#

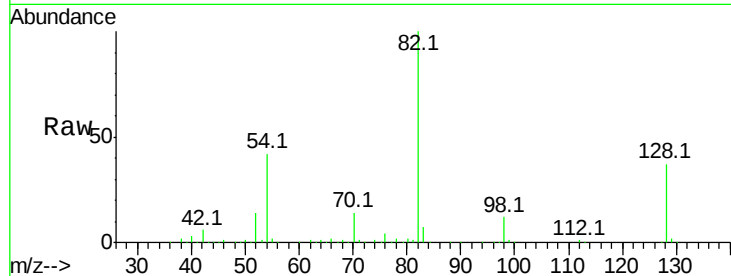




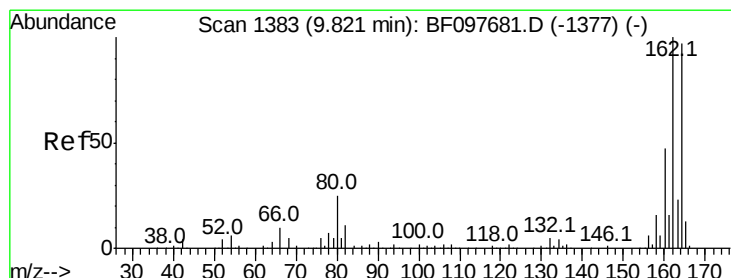
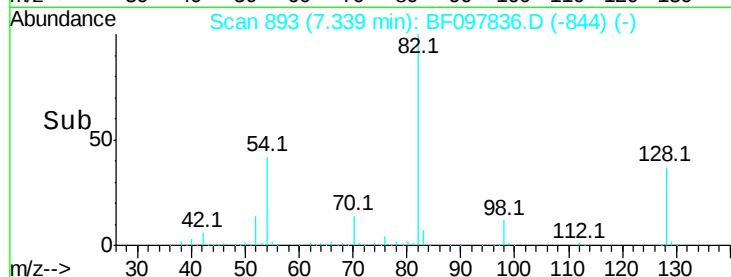
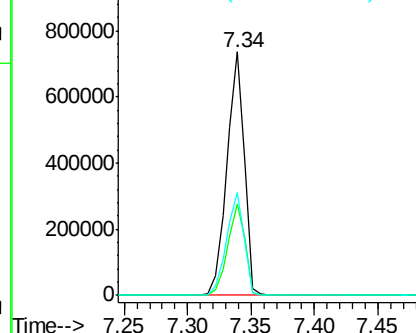
#23
 Nitrobenzene-d5
 Concen: 95.554 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097836.D
 Acq: 18 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSE-GRADE

Tot Ion: 82 Resp: 704260
 Ion Ratio Lower Upper
 82 100
 128 37.3 34.0 51.0
 54 42.2 42.2 63.2

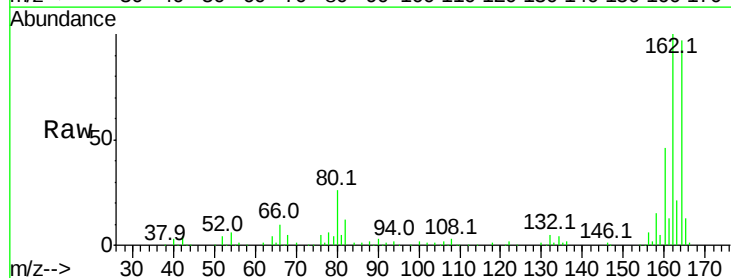


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

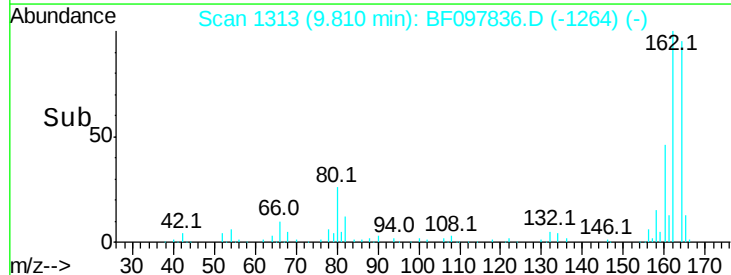
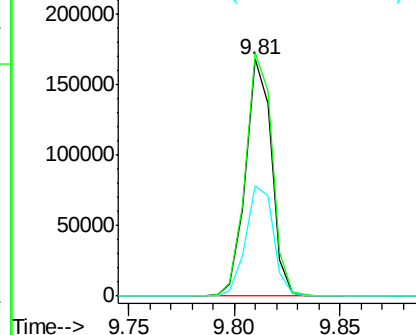


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097836.D
 Acq: 18 Aug 2017 15:25

Tgt Ion: 164 Resp: 142163
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 46.9 36.2 54.2



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

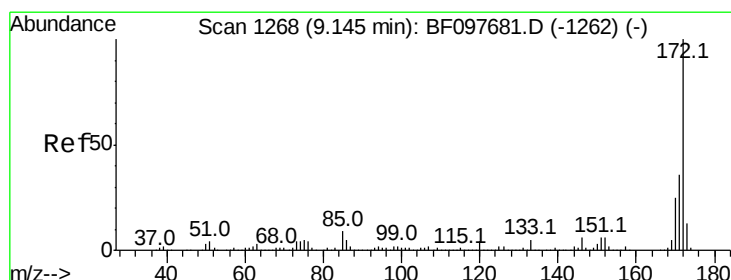
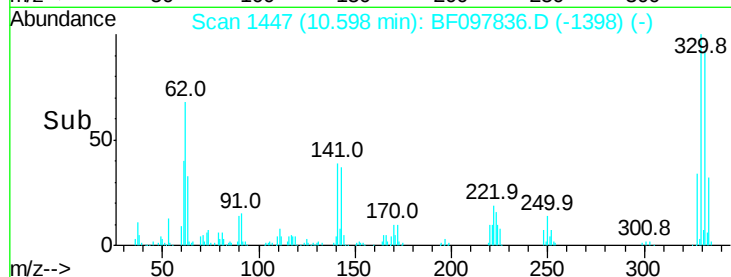
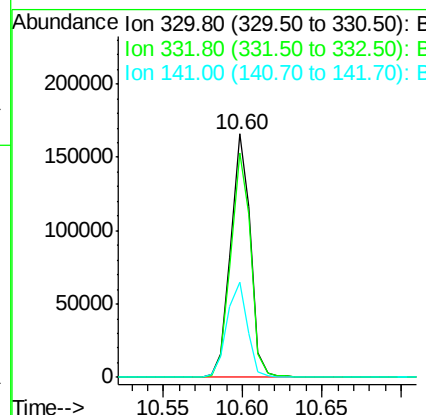
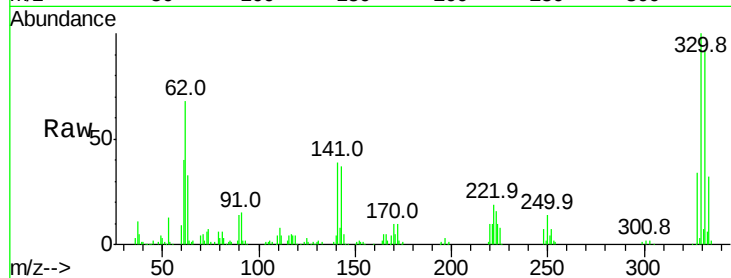




#41
 2,4,6-Tribromophenol
 Concen: 115.574 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097836.D
 Acq: 18 Aug 2017 15:25

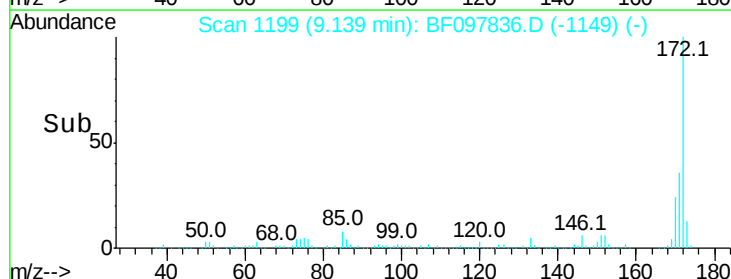
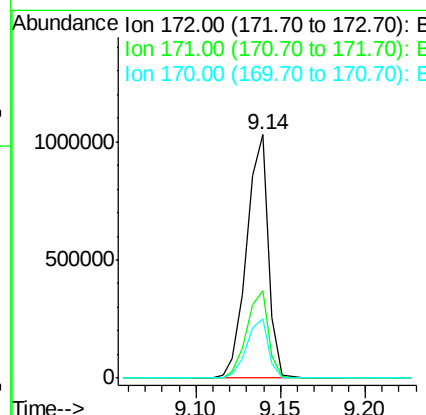
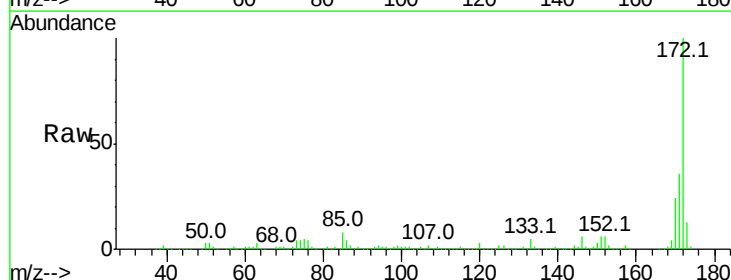
Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSE-GRADE

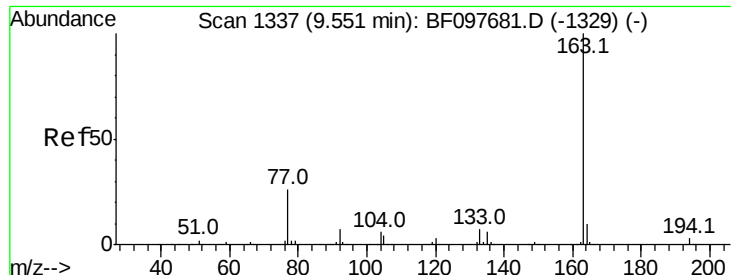
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.6	115.0
141	41.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 95.455 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097836.D
 Acq: 18 Aug 2017 15:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.4	19.8	29.8





#49

Dimethylphthalate

Concen: 8.786 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

Instrument :

BNA_F

ClientSampleId :

1-1-2-DENSE-GRADE

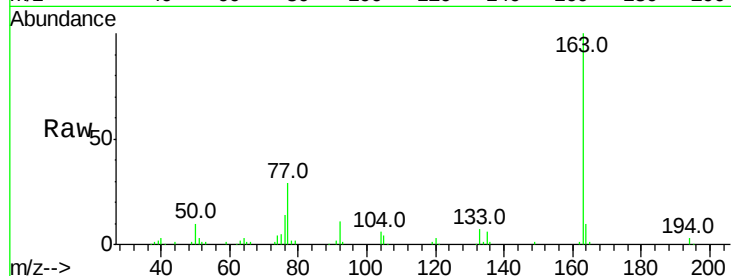
Tot Ion:163 Resp: 91303

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

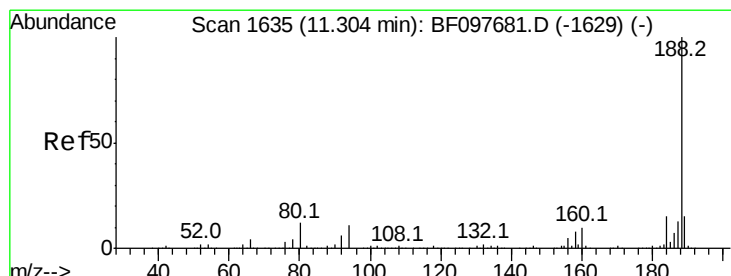
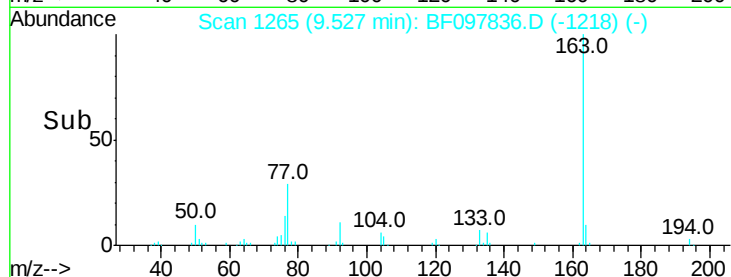
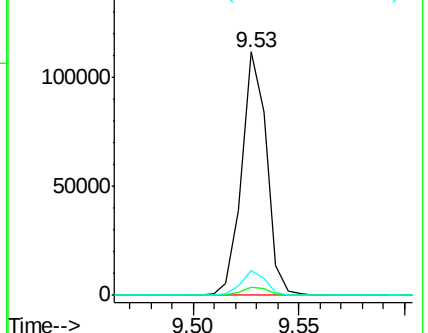
164 10.3 8.4 12.6



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: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

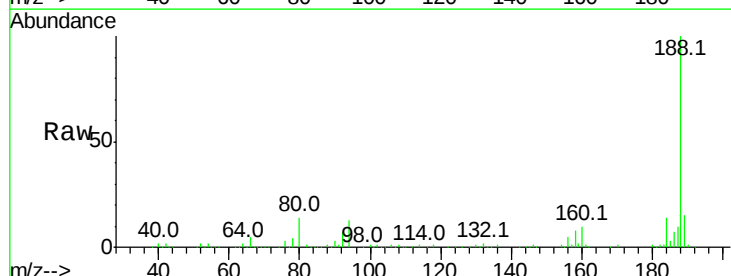
Tgt Ion:188 Resp: 247724

Ion Ratio Lower Upper

188 100

94 12.6 9.4 14.2

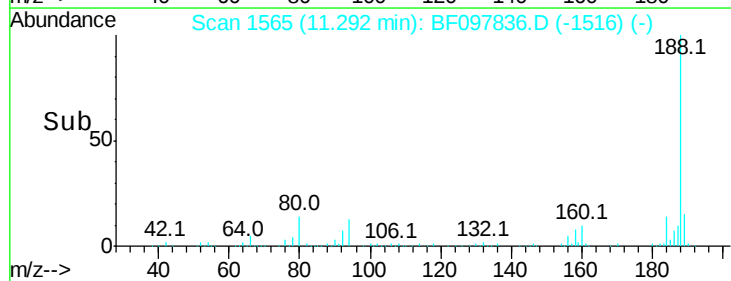
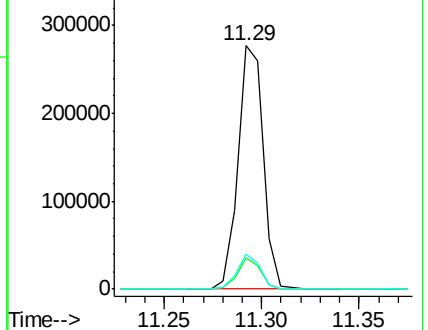
80 14.2 10.2 15.2

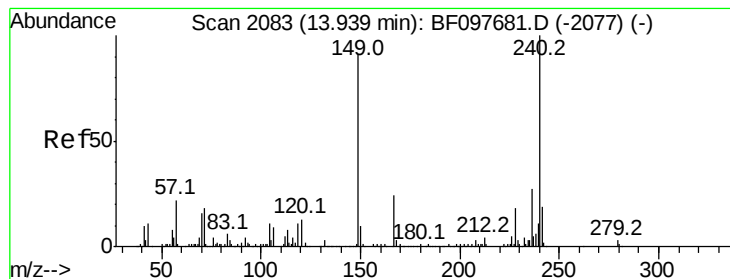


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

Instrument :

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1-1-2-DENSE-GRADE

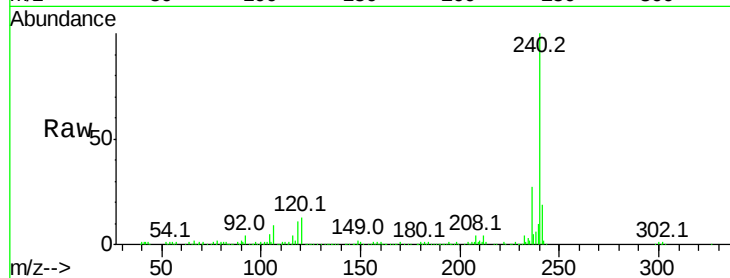
Tot Ion:240 Resp: 229915

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

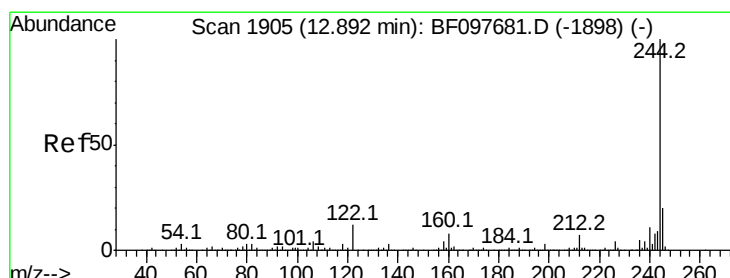
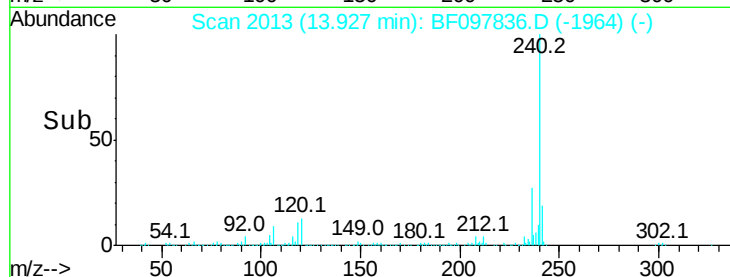
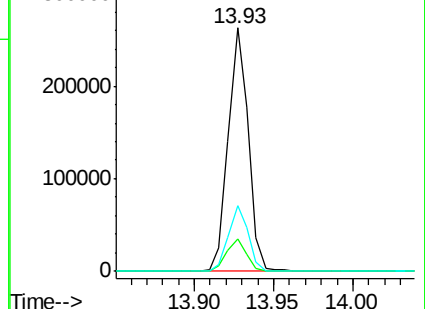
236 26.8 20.5 30.7



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: 67.485 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097836.D

Acq: 18 Aug 2017 15:25

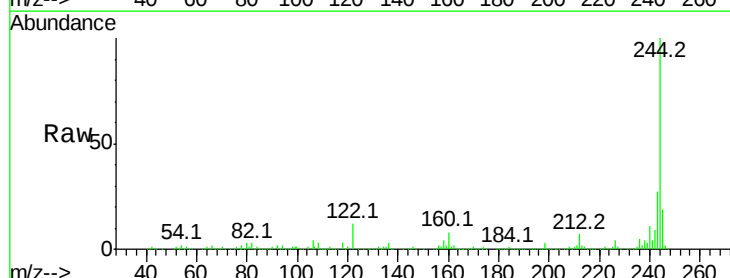
Tgt Ion:244 Resp: 744048

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

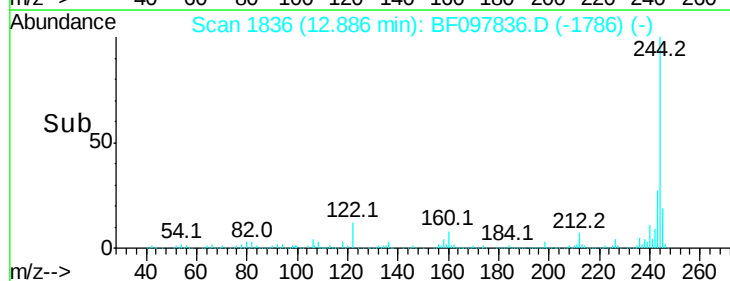
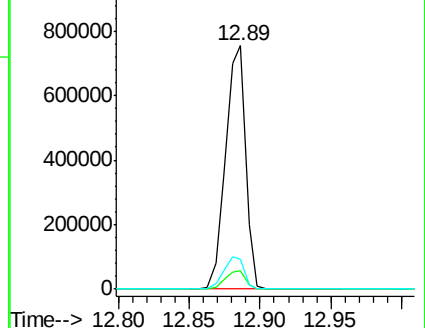
122 12.0 10.3 15.5

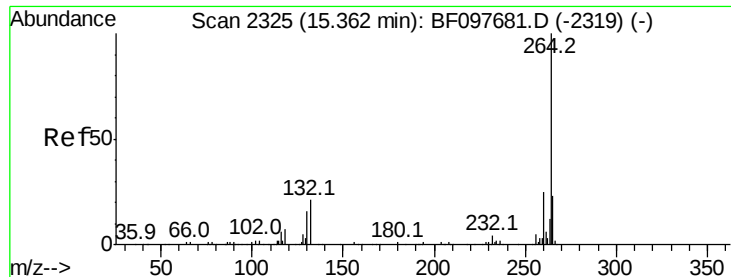


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 2257
 Delta R.T. 0.00 min
 Lab File: BF097836.D
 Acq: 18 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSE-GRADE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.0	17.2	25.8

