

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098945.D
 Acq On : 29 Sep 2017 13:56
 Operator : SJ/JU
 Sample : I5450-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1

Quant Time: Sep 29 16:48:09 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

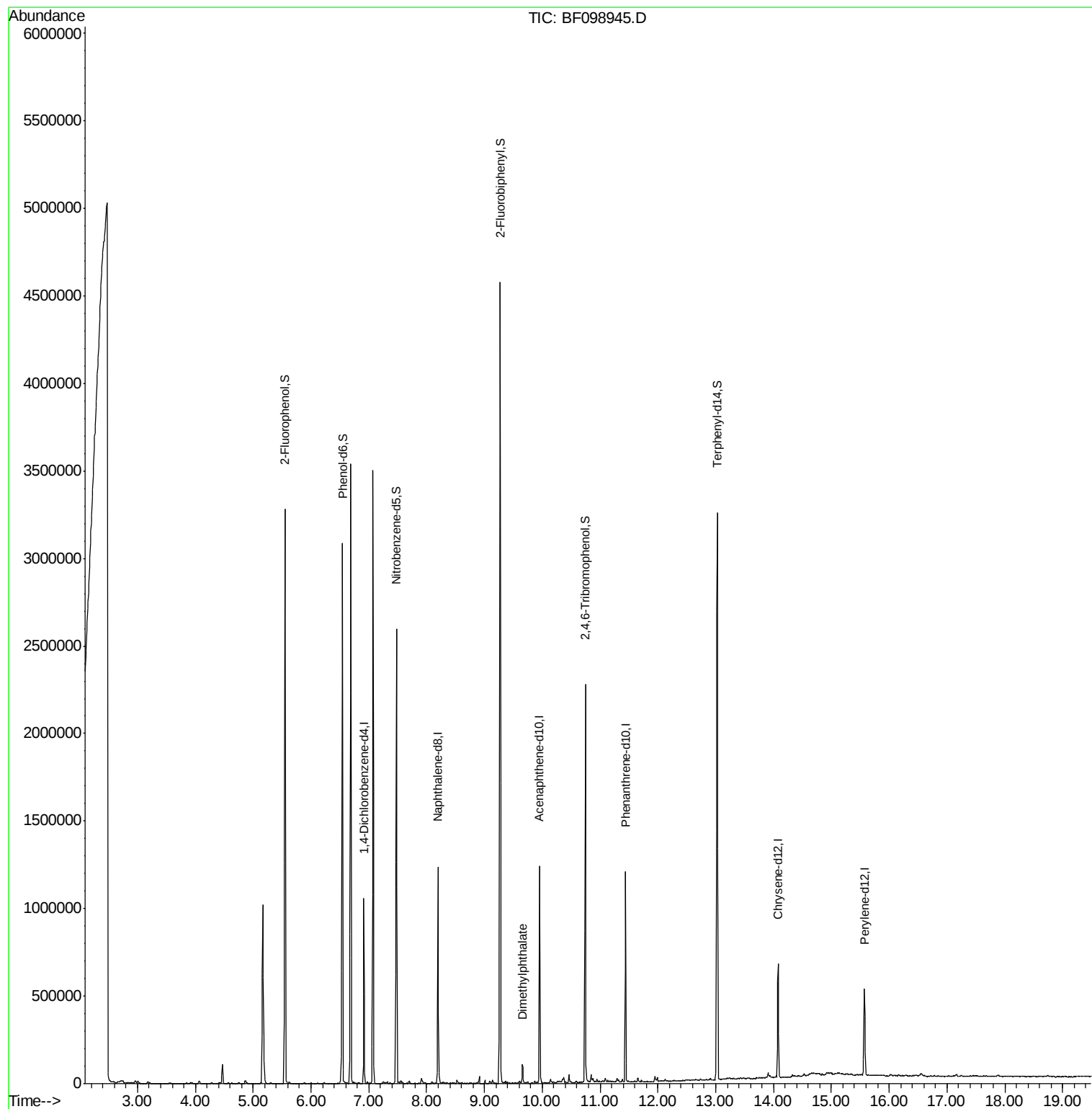
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	134015	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	552570	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	240676	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	382356	20.00	ng	0.00
75) Chrysene-d12	14.08	240	201534	20.00	ng	0.00
86) Perylene-d12	15.57	264	216557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1077286	127.97	ng	0.01
7) Phenol-d6	6.55	99	1166587	112.33	ng	0.00
23) Nitrobenzene-d5	7.48	82	948888	110.13	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	273768	139.01	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1570054	108.90	ng	0.00
78) Terphenyl-d14	13.03	244	1074765	121.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.66	163	41403	2.279	ng	Qvalue 98

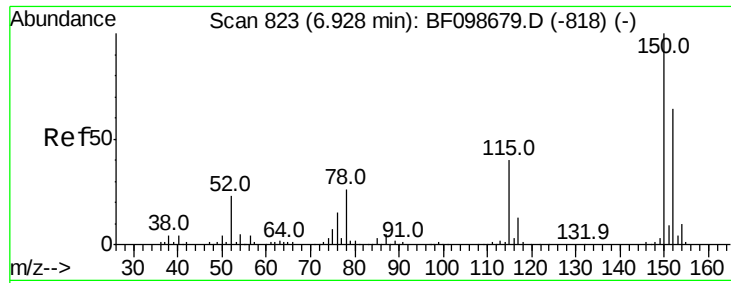
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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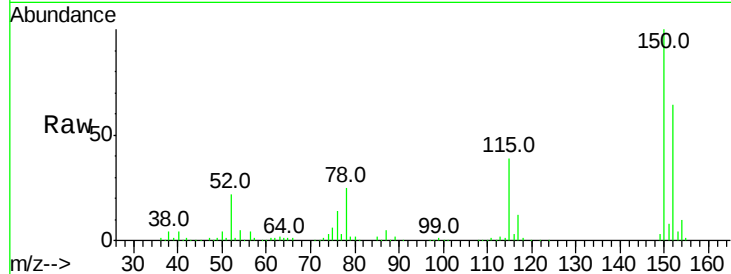


#1

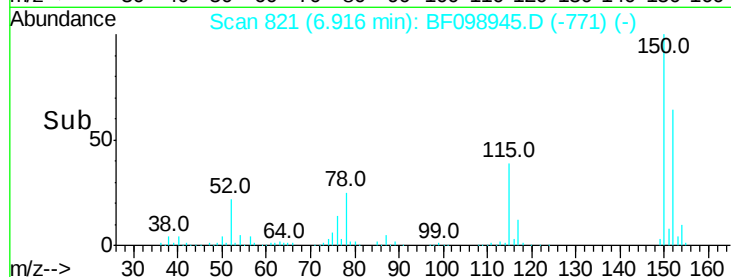
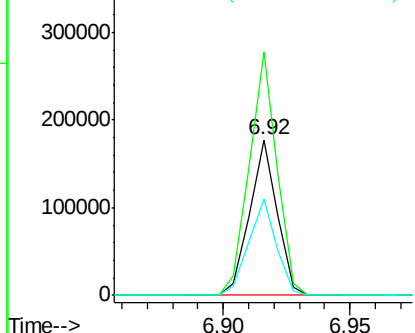
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098945.D
Acq: 29 Sep 2017 13:56

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1

Tot Ion:152 Resp: 134015
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 61.6 50.1 75.1



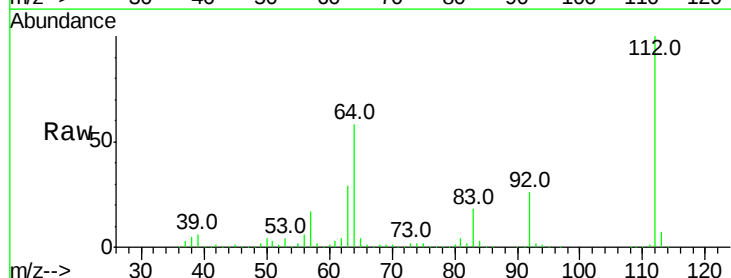
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



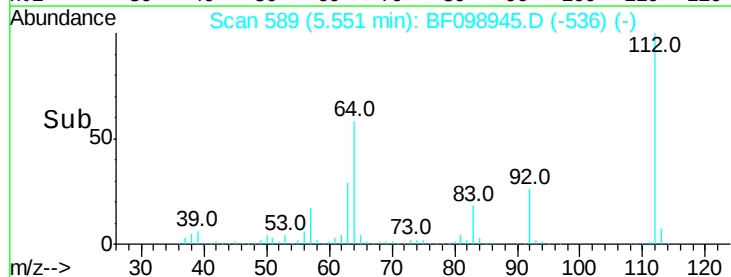
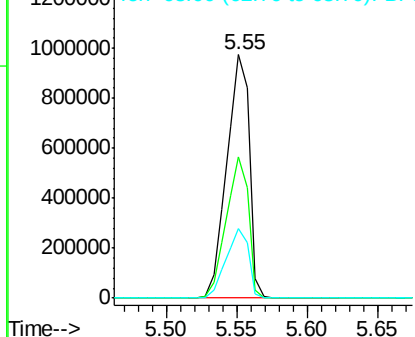
#5

2-Fluorophenol
Concen: 127.966 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF098945.D
Acq: 29 Sep 2017 13:56

Tgt Ion:112 Resp: 1077286
Ion Ratio Lower Upper
112 100
64 57.9 47.9 71.9
63 28.8 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: 112.331 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

Instrument :

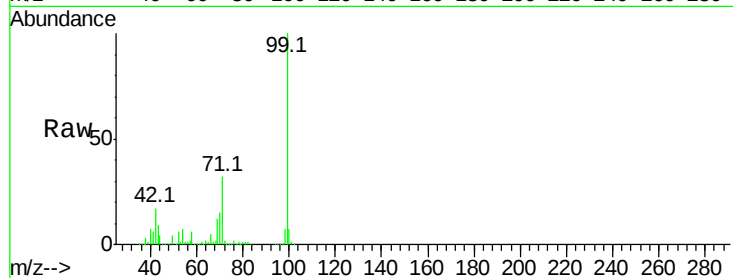
BNA_F

ClientSampleId :

20170660-A-C-1

Tot Ion: 99 Resp: 1166587

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.5	21.7
71	32.0	25.4	38.0

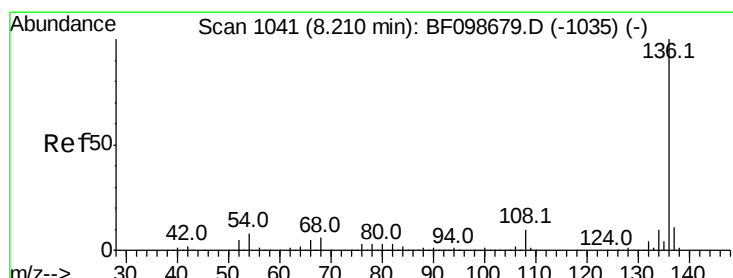
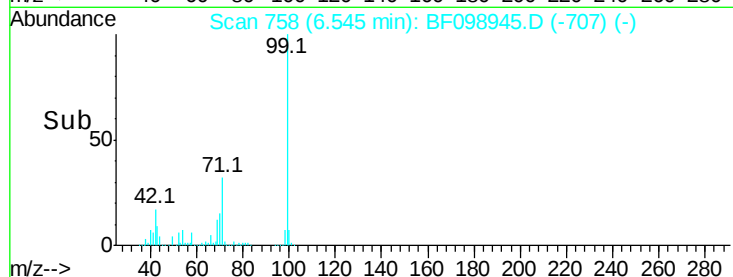
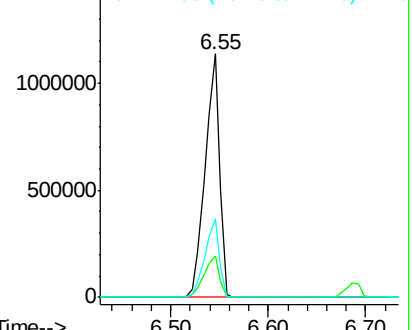


Abundance

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: 8.20 min Scan# 1039

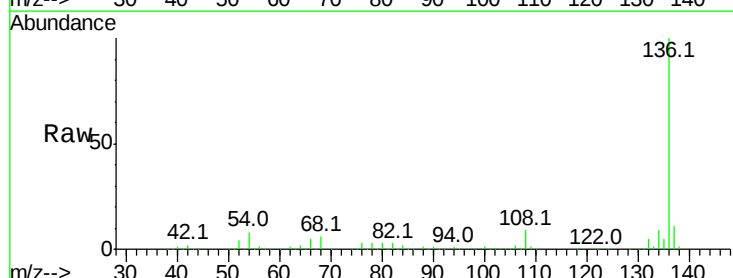
Delta R.T. -0.01 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

Tgt Ion: 136 Resp: 552570

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	5.6	5.0	7.4



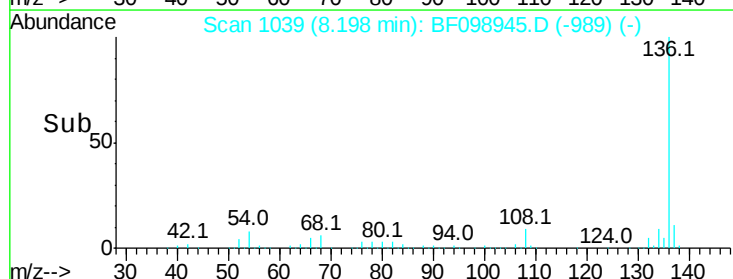
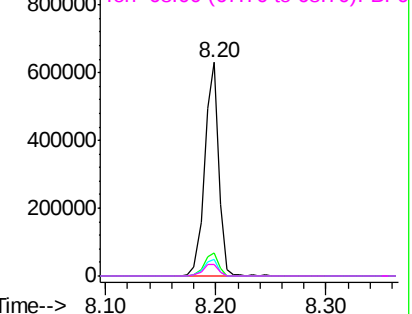
Abundance

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: 110.126 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

Instrument :

BNA_F

ClientSampleId :

20170660-A-C-1

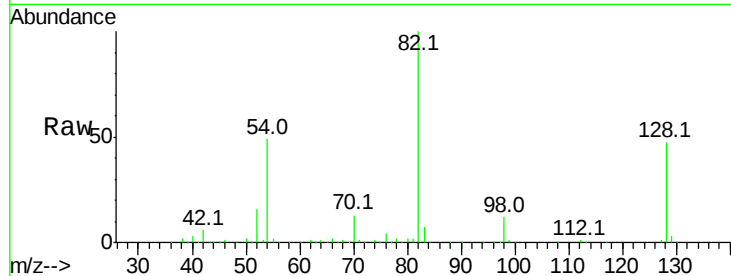
Tot Ion: 82 Resp: 948888

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

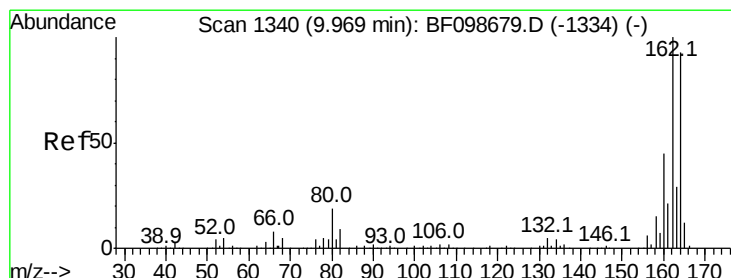
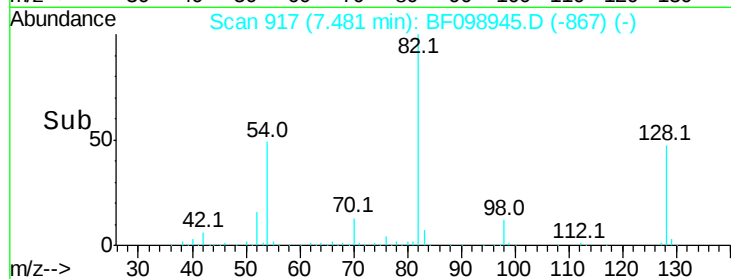
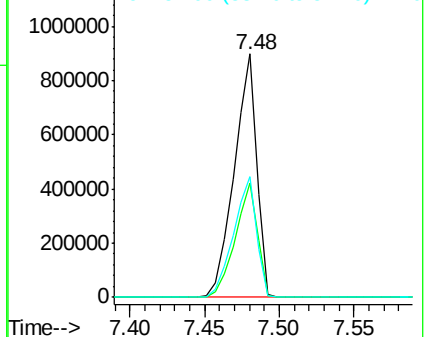
54 49.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

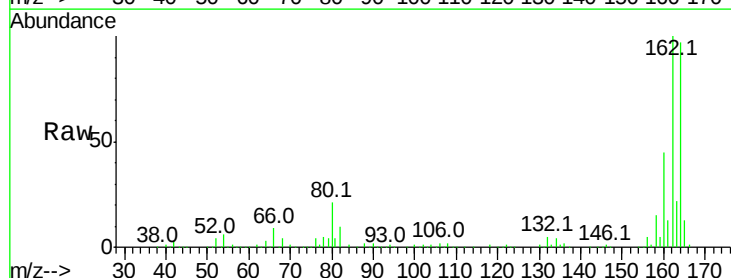
Tgt Ion: 164 Resp: 240676

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

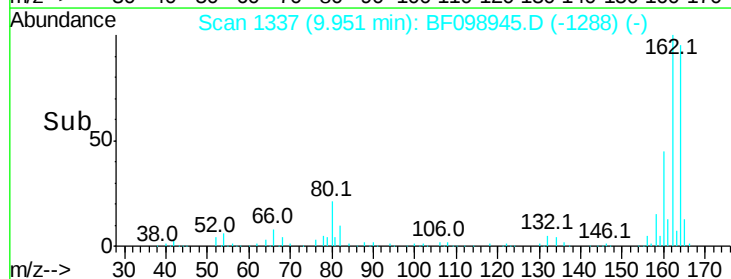
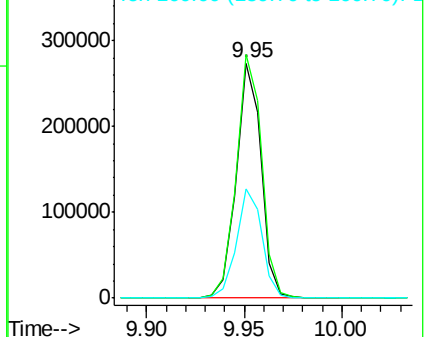
160 46.7 38.3 57.5



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

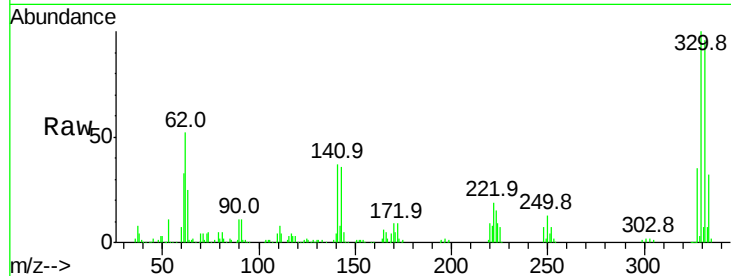




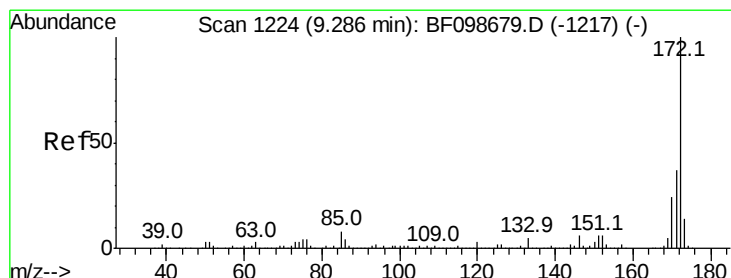
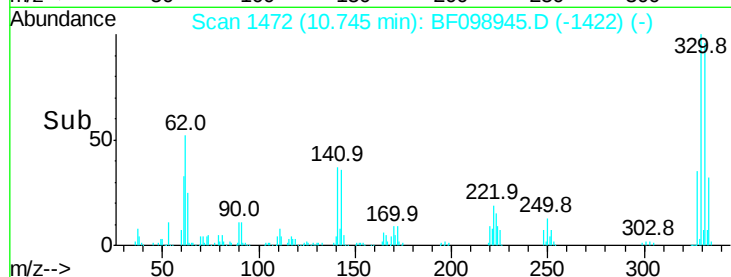
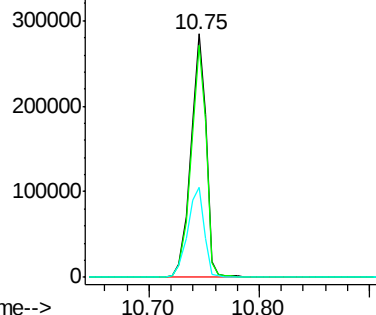
#41
 2,4,6-Tribromophenol
 Concen: 139.012 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098945.D
 Acq: 29 Sep 2017 13:56

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	40.2	29.9	44.9

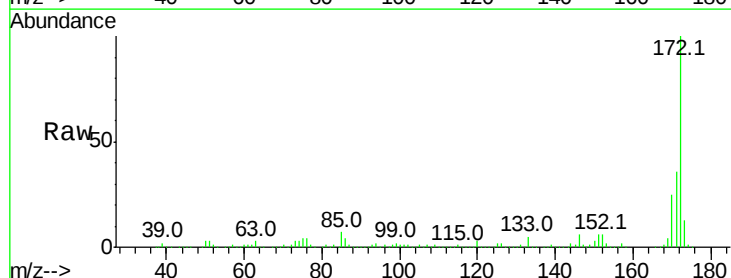


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

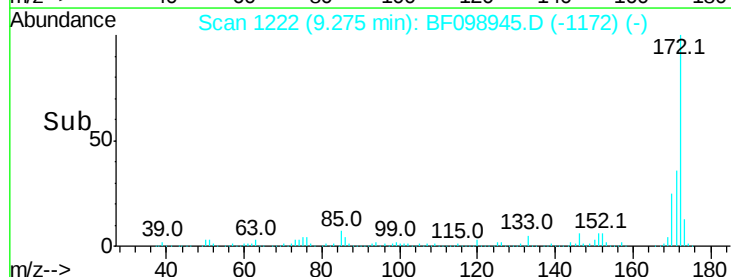
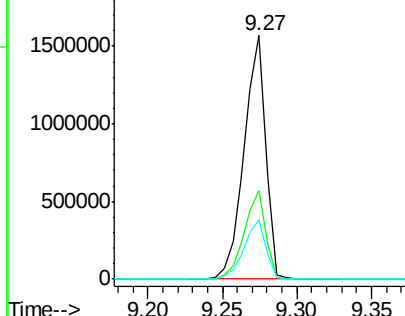


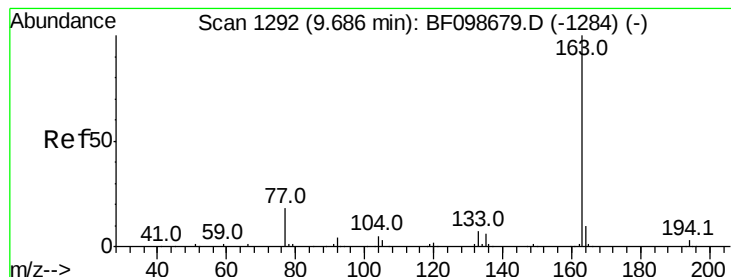
#44
 2-Fluorobiphenyl
 Concen: 108.905 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098945.D
 Acq: 29 Sep 2017 13:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4



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: 2.279 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

Instrument :

BNA_F

ClientSampleId :

20170660-A-C-1

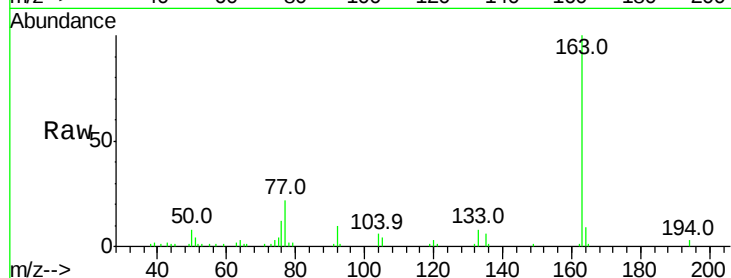
Tot Ion:163 Resp: 41403

Ion Ratio Lower Upper

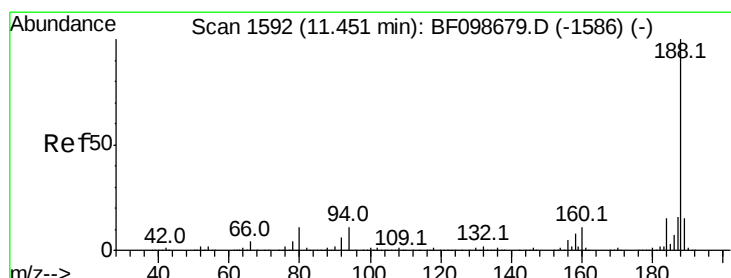
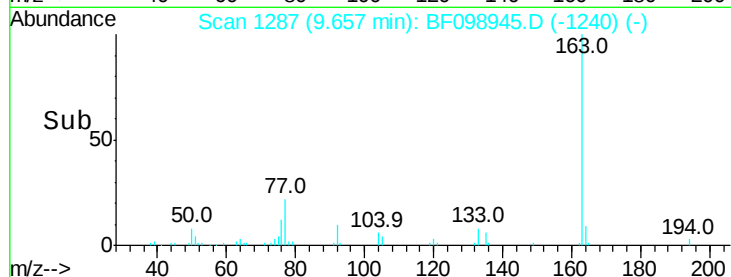
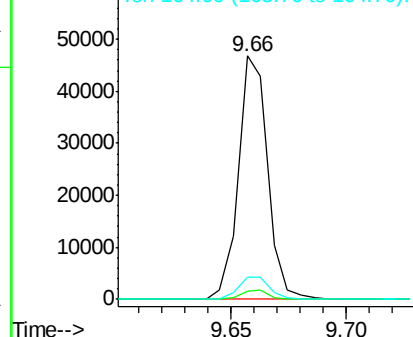
163 100

194 3.2 2.7 4.1

164 9.1 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: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

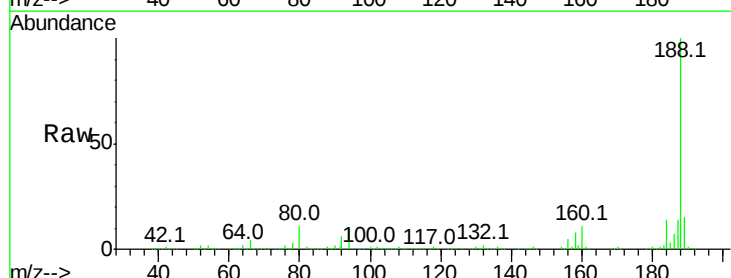
Tgt Ion:188 Resp: 382356

Ion Ratio Lower Upper

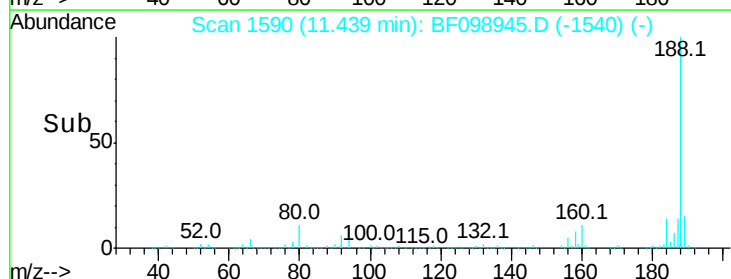
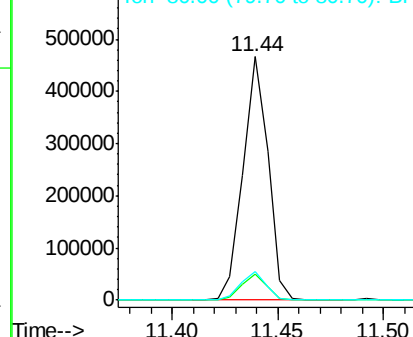
188 100

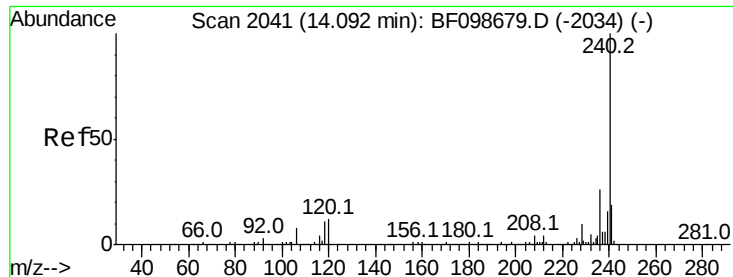
94 10.5 8.5 12.7

80 11.5 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: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

Instrument :

BNA_F

ClientSampleId :

20170660-A-C-1

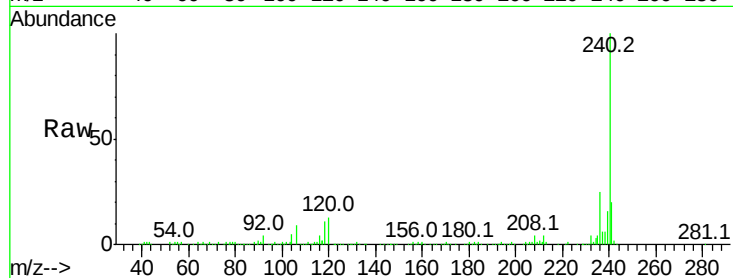
Tot Ion:240 Resp: 201534

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

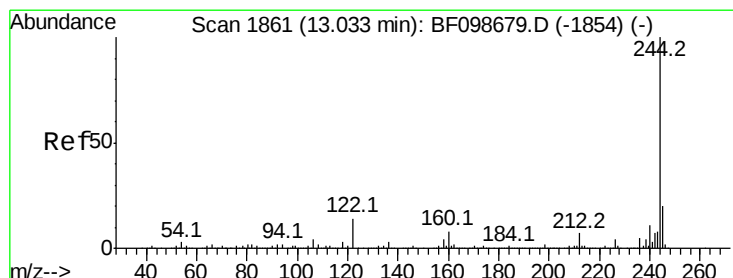
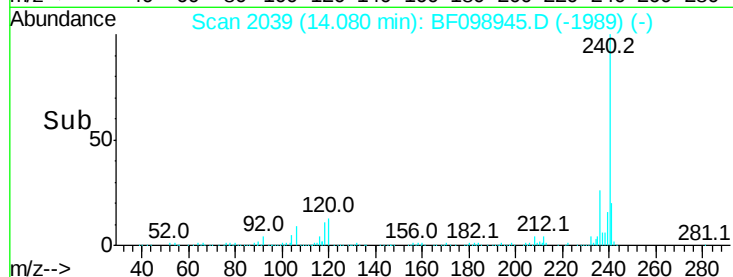
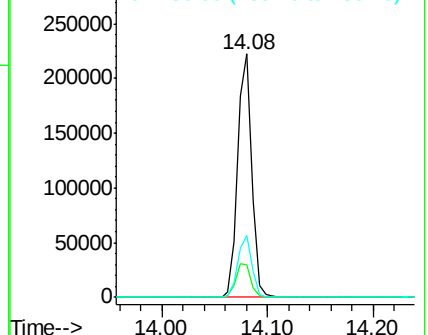
236 25.5 20.7 31.1



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: 121.281 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098945.D

Acq: 29 Sep 2017 13:56

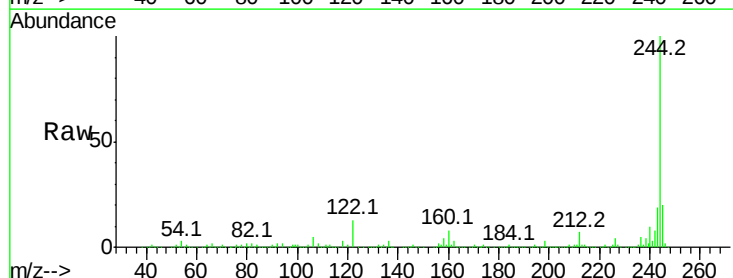
Tgt Ion:244 Resp: 1074765

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

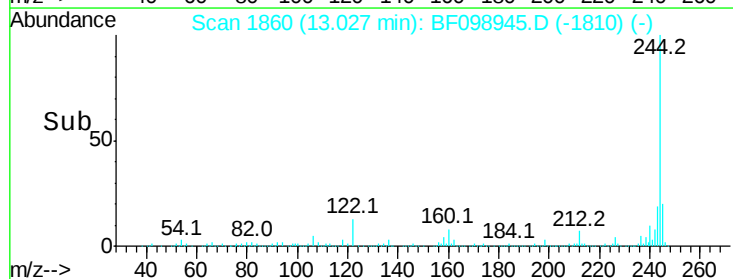
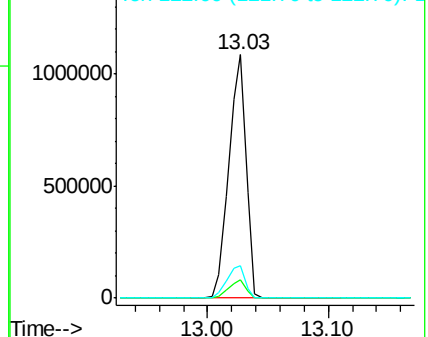
122 13.5 11.0 16.4

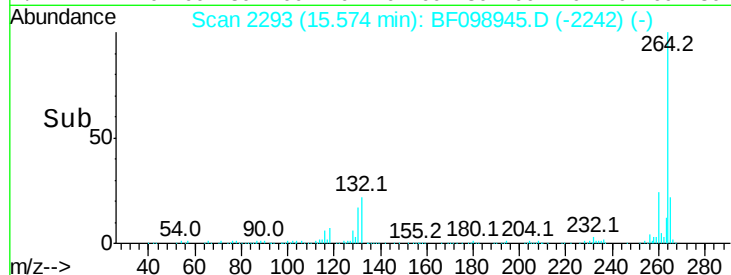
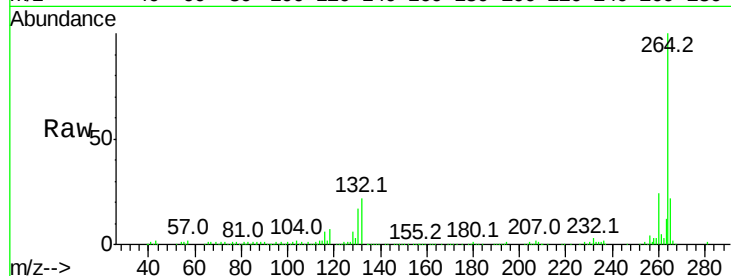
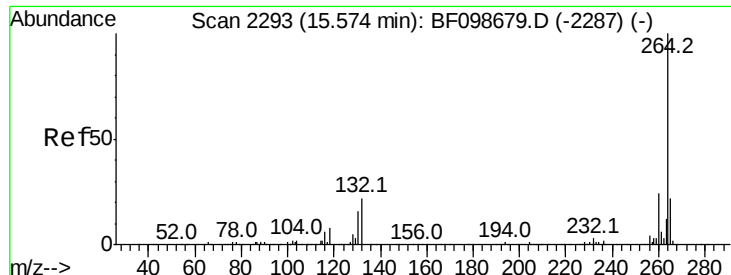


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098945.D
Acq: 29 Sep 2017 13:56

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1

Tot Ion:	264	Resp:	216557
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3

