

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097611.D
 Acq On : 12 Aug 2017 00:02
 Operator : SJ/JU
 Sample : I4604-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PMW-2-080217

Quant Time: Aug 12 05:58:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

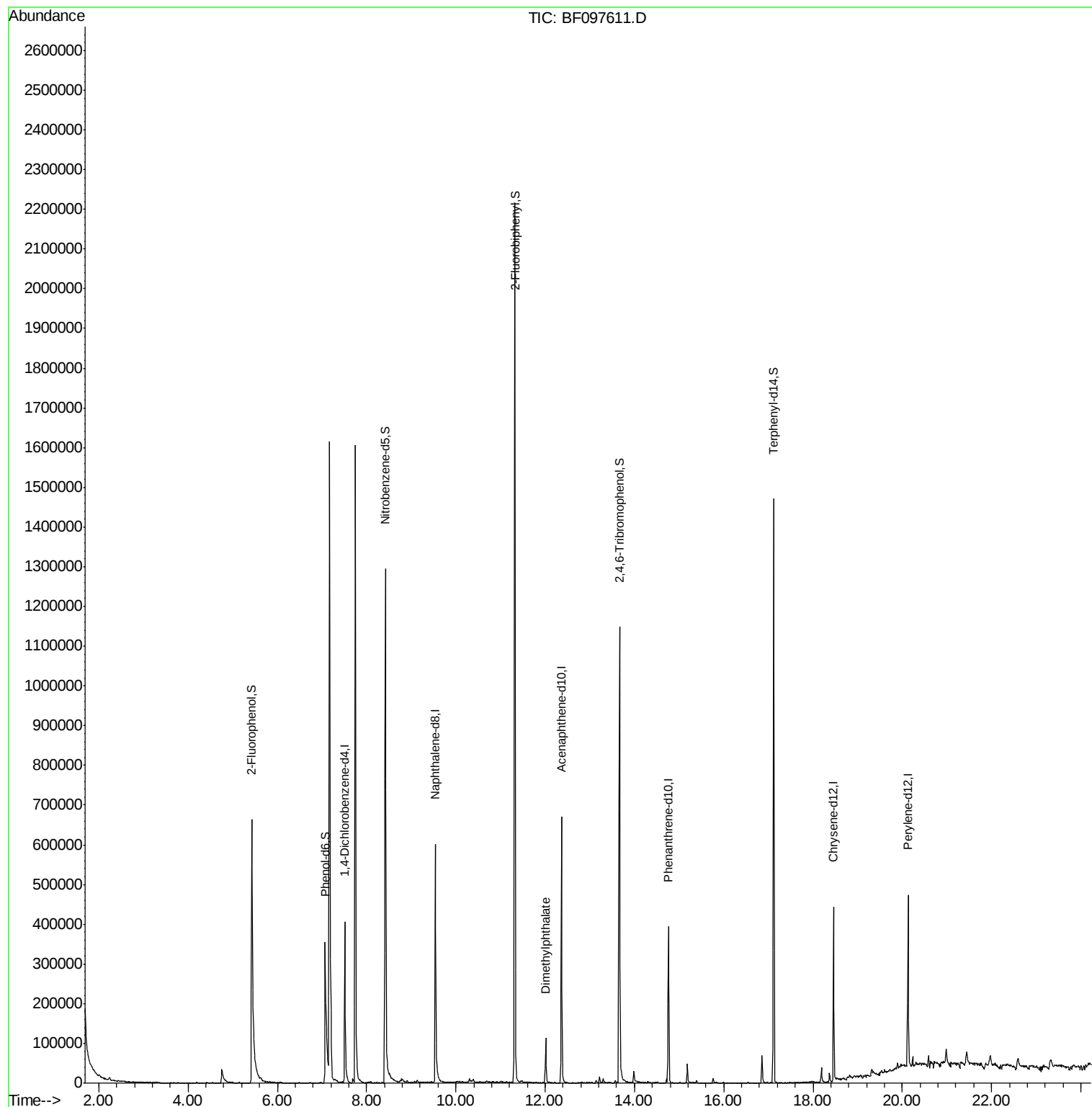
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	93028	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	421417	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	179117	20.00	ng	0.00
63) Phenanthrene-d10	14.76	188	206403	20.00	ng	0.00
75) Chrysene-d12	18.46	240	184047	20.00	ng	0.00
86) Perylene-d12	20.13	264	178561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	427279	73.01	ng	0.02
7) Phenol-d6	7.07	99	284455	39.18	ng	0.01
23) Nitrobenzene-d5	8.42	82	576770	85.82	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	185677	136.36	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	1047384	88.25	ng	0.00
78) Terphenyl-d14	17.12	244	587309	66.04	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.01	163	68531	4.965	ng	99

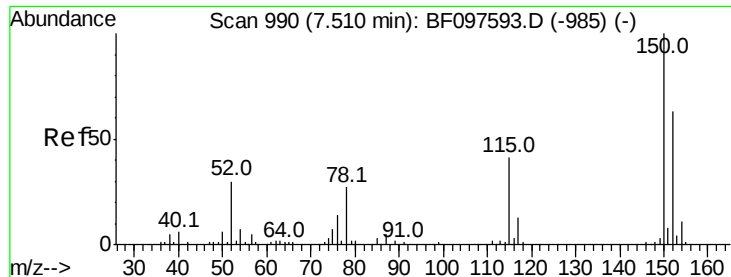
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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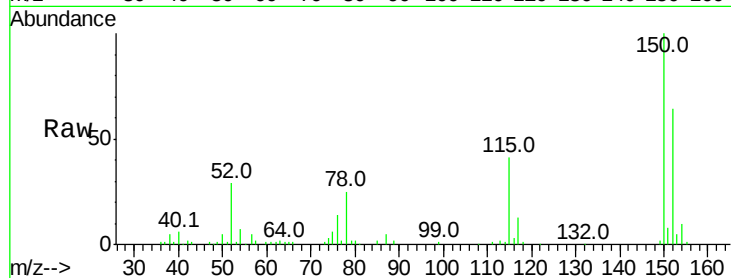


#1

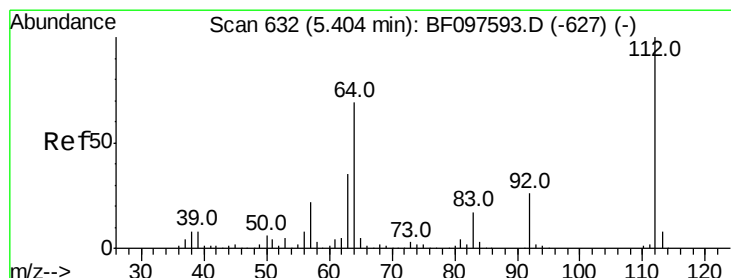
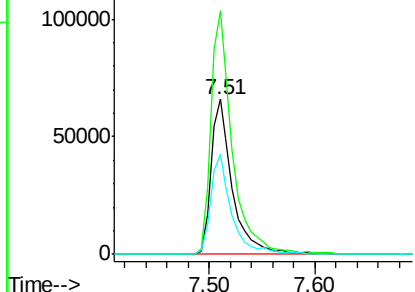
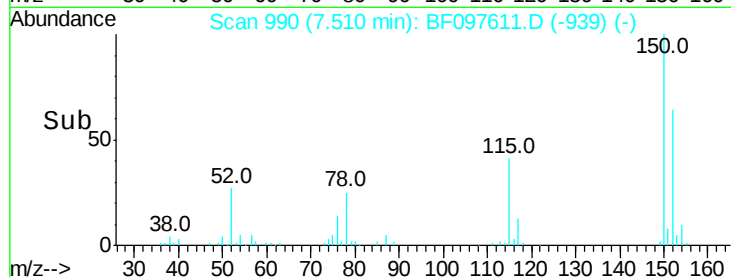
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tot Ion:152 Resp: 93028
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 65.1 52.2 78.2



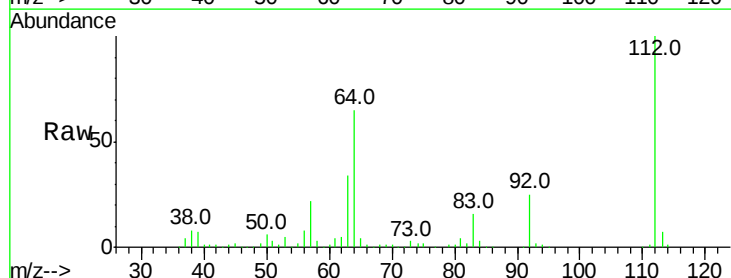
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



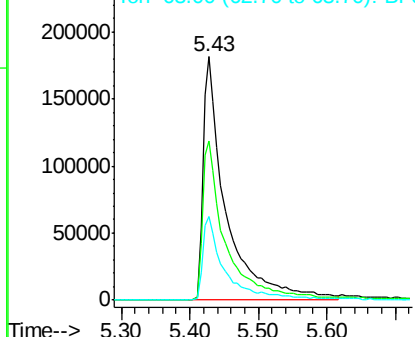
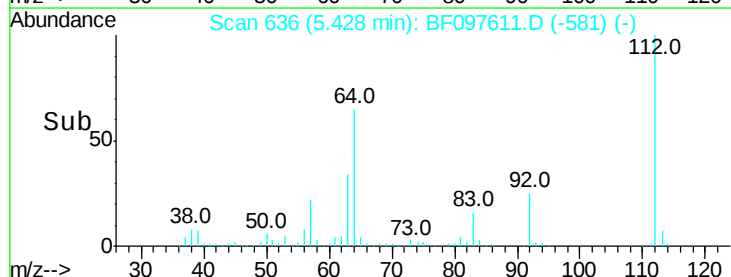
#5

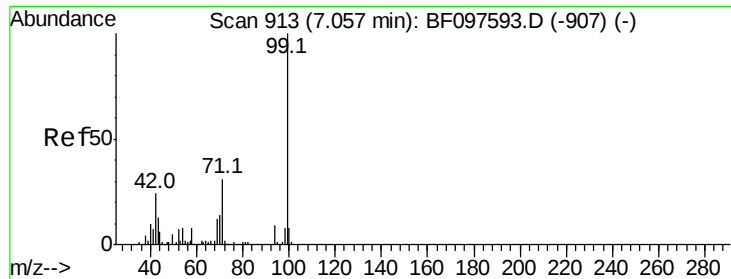
2-Fluorophenol
Concen: 73.006 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:112 Resp: 427279
Ion Ratio Lower Upper
112 100
64 65.5 46.0 69.0
63 34.3 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: 39.180 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF097611.D

Acq: 12 Aug 2017 00:02

Instrument :

BNA_F

ClientSampleId :

PMW-2-080217

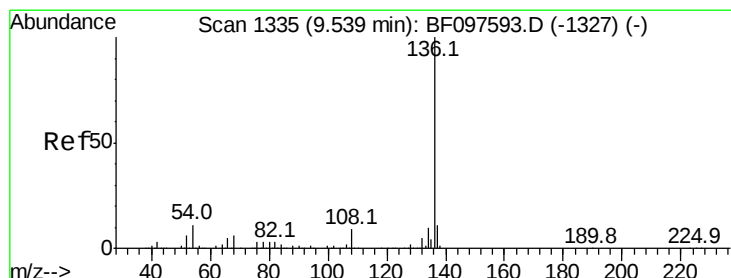
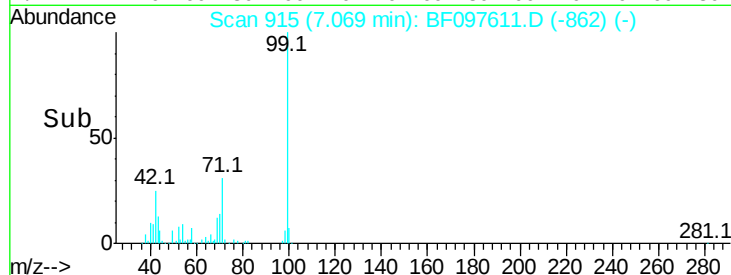
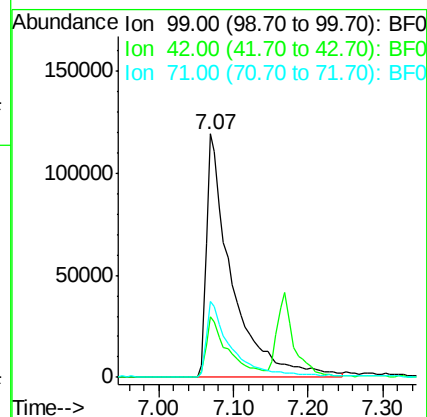
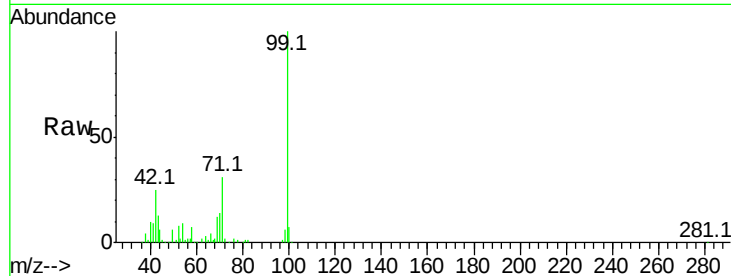
Tot Ion: 99 Resp: 284455

Ion Ratio Lower Upper

99 100

42 24.9 13.5 20.3#

71 31.1 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.54 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF097611.D

Acq: 12 Aug 2017 00:02

Tgt Ion: 136 Resp: 421417

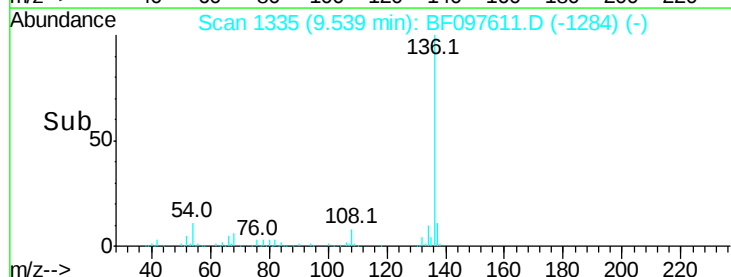
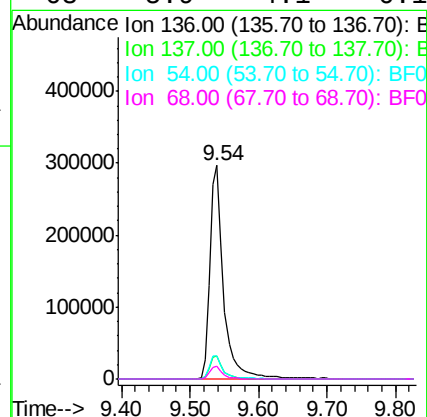
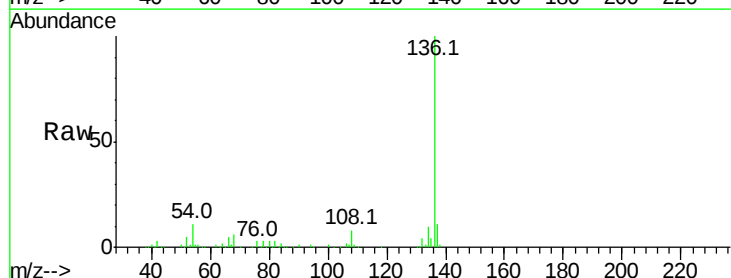
Ion Ratio Lower Upper

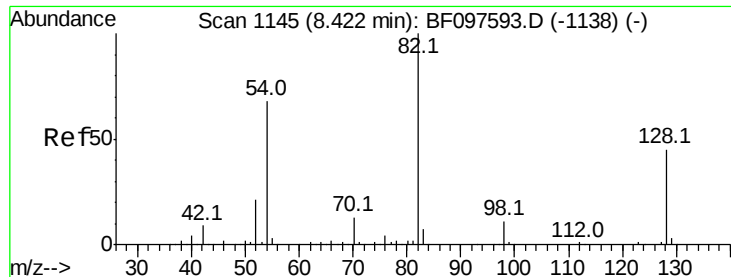
136 100

137 11.0 8.5 12.7

54 10.6 4.9 7.3#

68 5.9 4.1 6.1

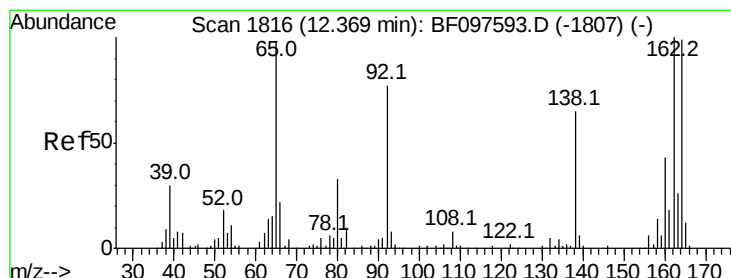
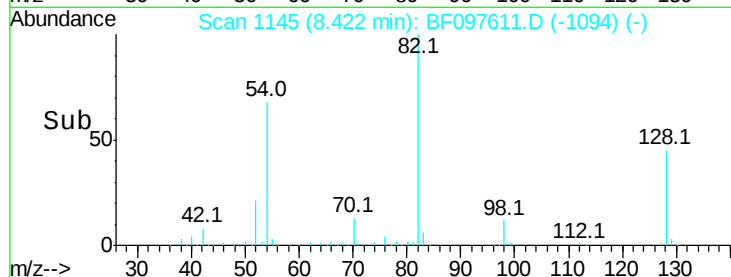
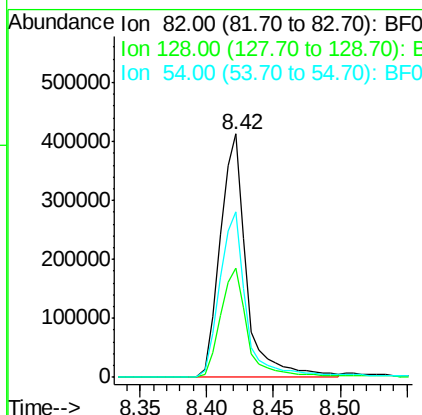
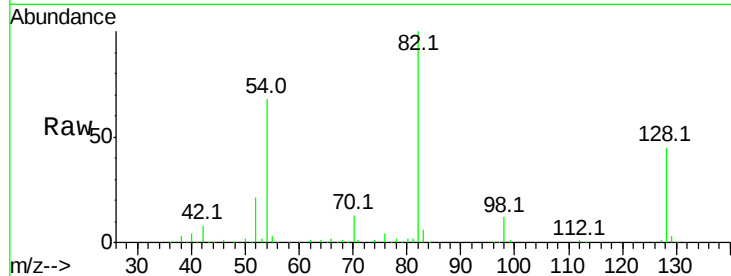




#23
Nitrobenzene-d5
Concen: 85.820 ng
RT: 8.42 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

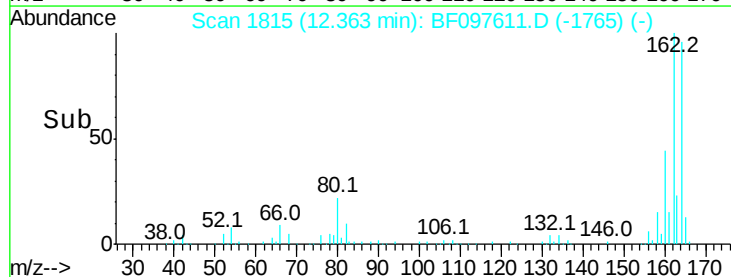
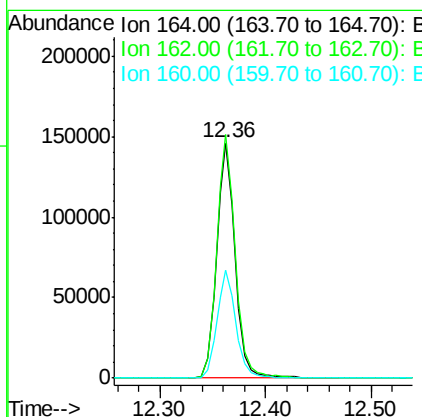
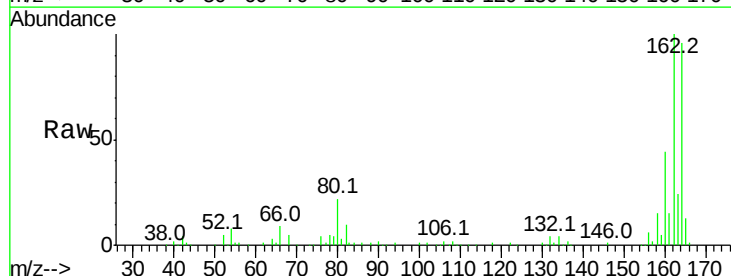
Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

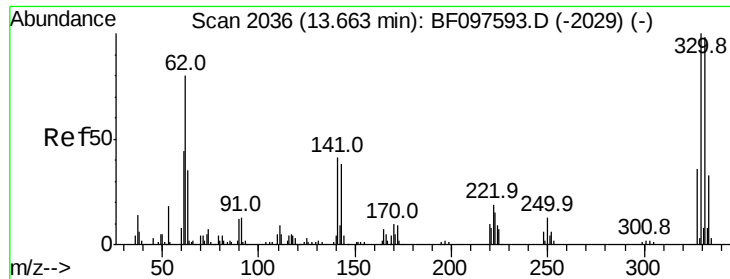
Tot Ion: 82 Resp: 576770
Ion Ratio Lower Upper
82 100
128 44.7 34.0 51.0
54 68.1 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.36 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:164 Resp: 179117
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 46.1 36.2 54.2

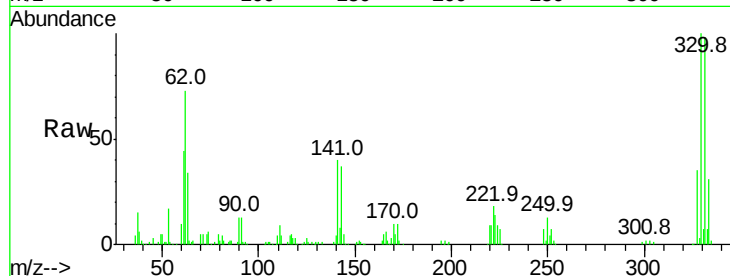




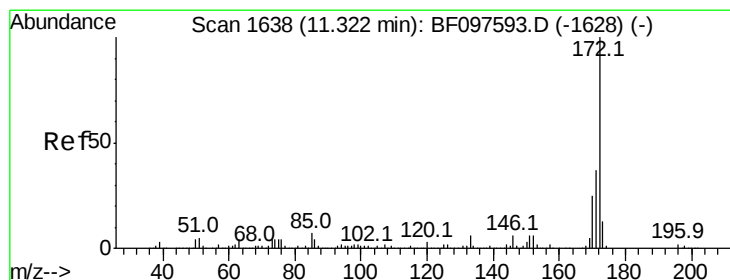
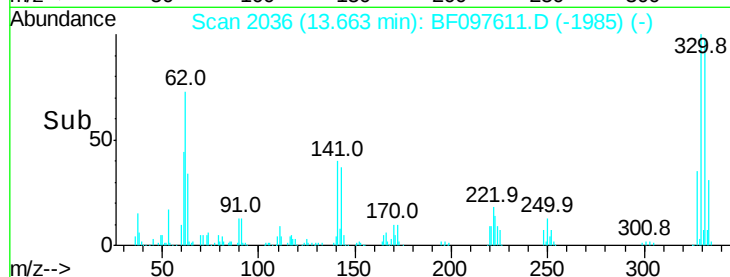
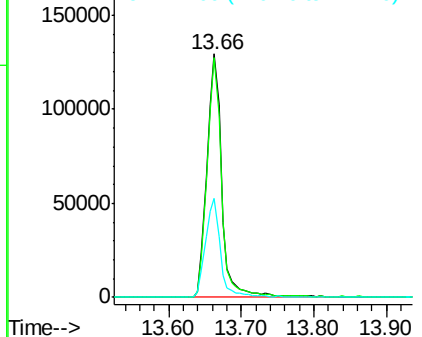
#41
 2,4,6-Tribromophenol
 Concen: 136.365 ng
 RT: 13.66 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF097611.D
 Acq: 12 Aug 2017 00:02

Instrument :
 BNA_F
 ClientSampleId :
 PMW-2-080217

Tot Ion:330 Resp: 185677
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 40.5 31.4 47.2

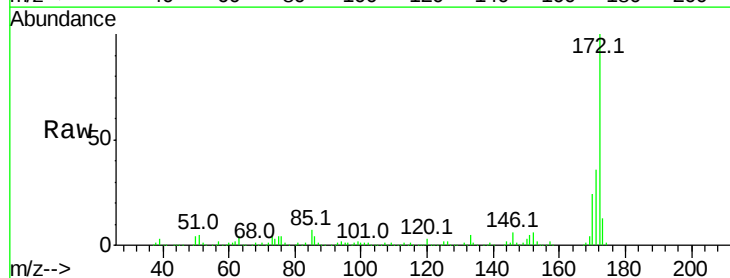


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

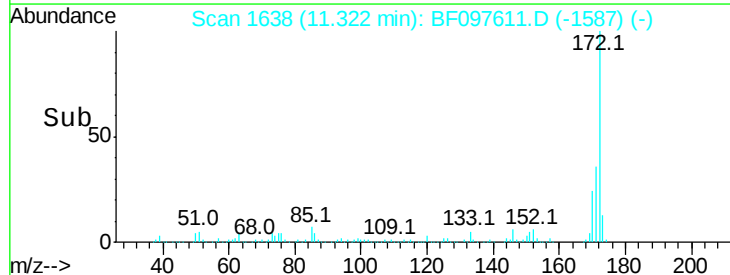
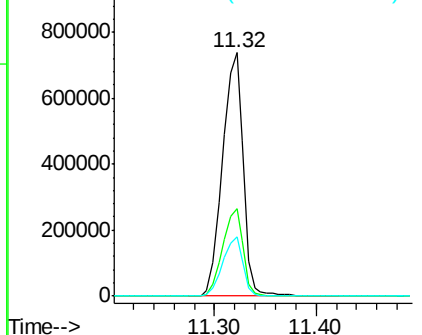


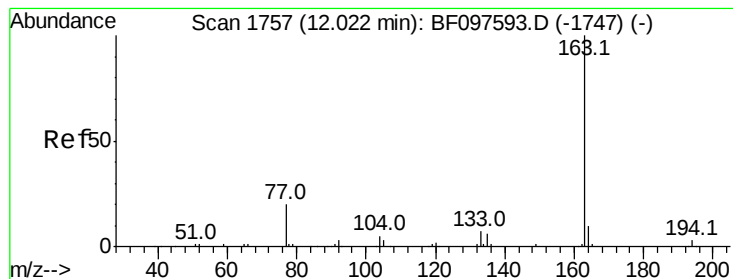
#44
 2-Fluorobiphenyl
 Concen: 88.250 ng
 RT: 11.32 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF097611.D
 Acq: 12 Aug 2017 00:02

Tgt Ion:172 Resp: 1047384
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.4 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: 4.965 ng

RT: 12.01 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF097611.D

Acq: 12 Aug 2017 00:02

Instrument :

BNA_F

ClientSampleId :

PMW-2-080217

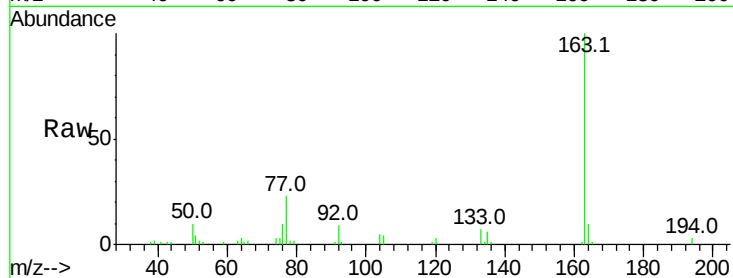
Tot Ion:163 Resp: 68531

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

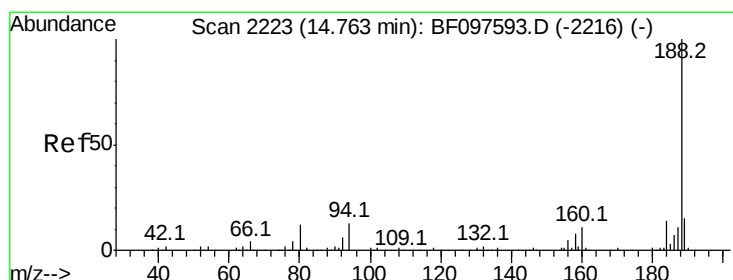
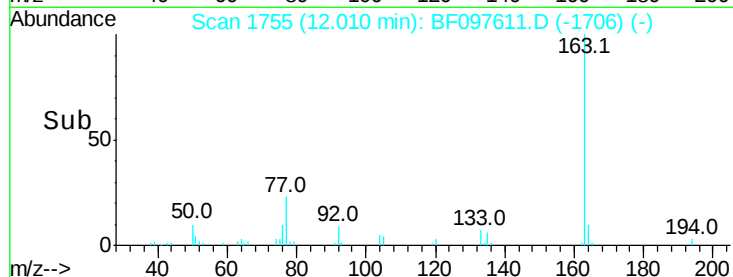
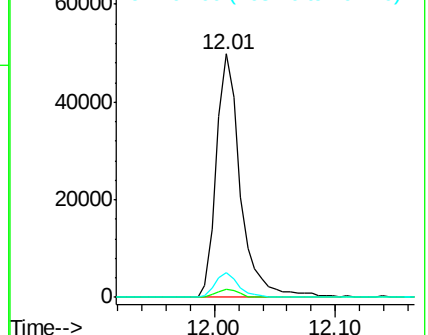
164 10.2 8.4 12.6



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: 14.76 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BF097611.D

Acq: 12 Aug 2017 00:02

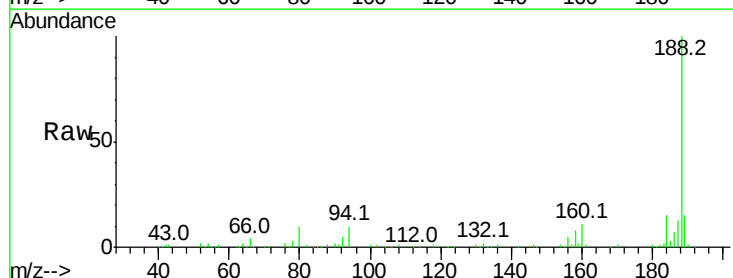
Tgt Ion:188 Resp: 206403

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

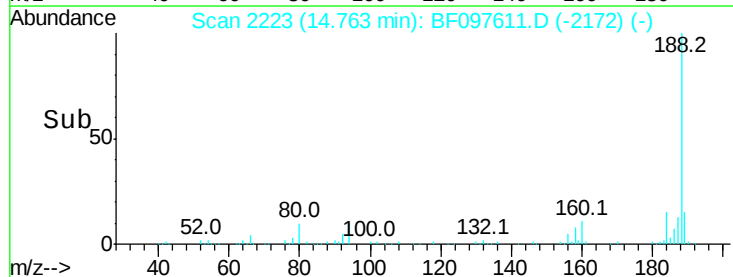
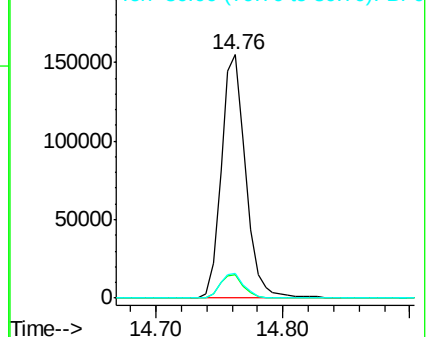
80 10.1 10.2 15.2#

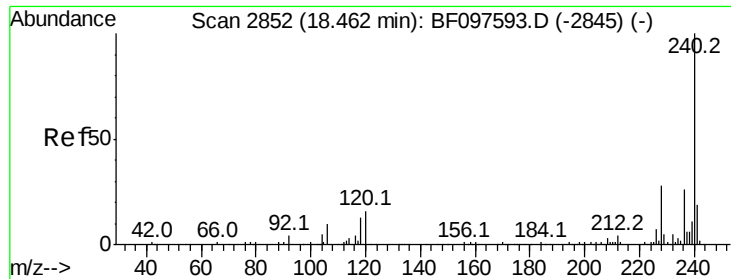


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.46 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF097611.D

Acq: 12 Aug 2017 00:02

Instrument :

BNA_F

ClientSampleId :

PMW-2-080217

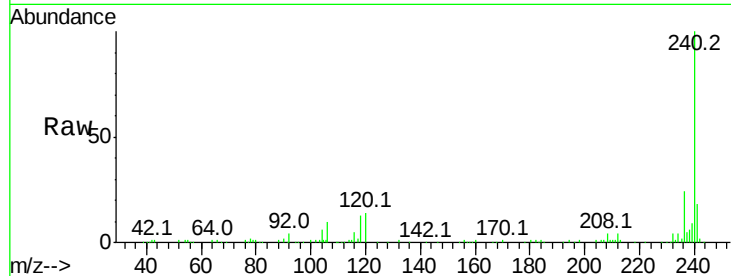
Tot Ion:240 Resp: 184047

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

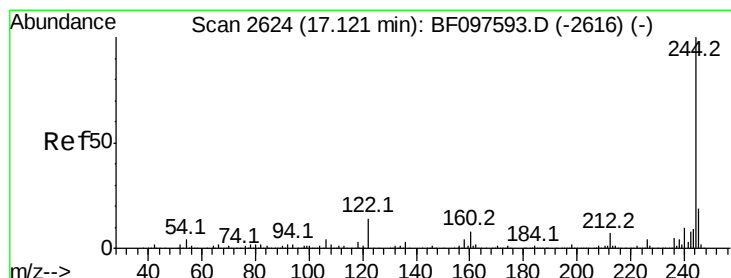
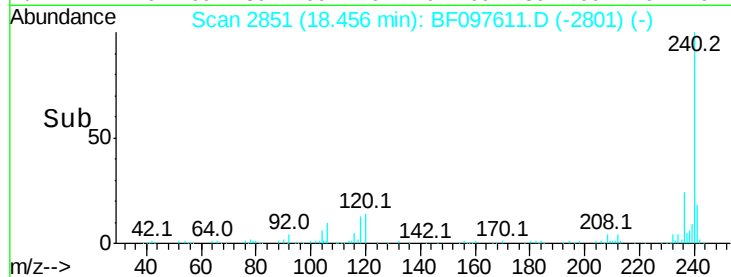
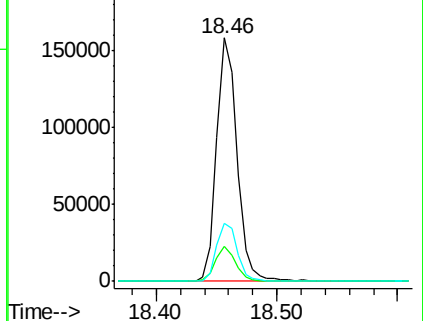
236 23.9 20.5 30.7



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: 66.045 ng

RT: 17.12 min Scan# 2624

Delta R.T. 0.00 min

Lab File: BF097611.D

Acq: 12 Aug 2017 00:02

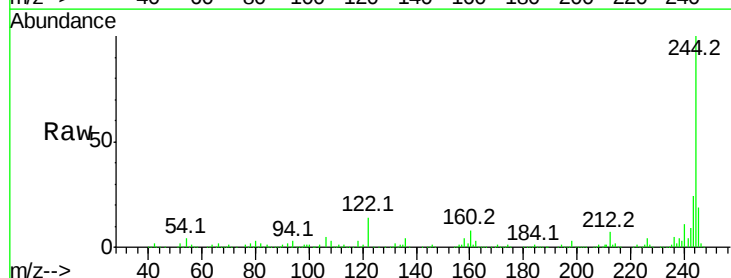
Tgt Ion:244 Resp: 587309

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

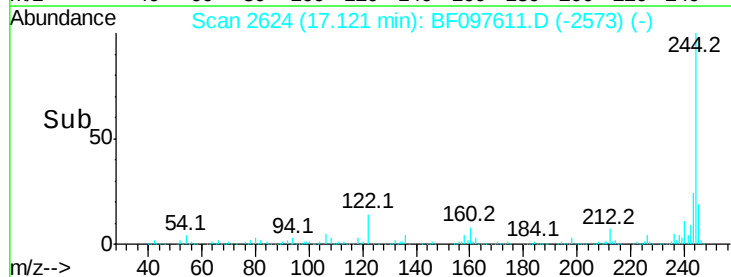
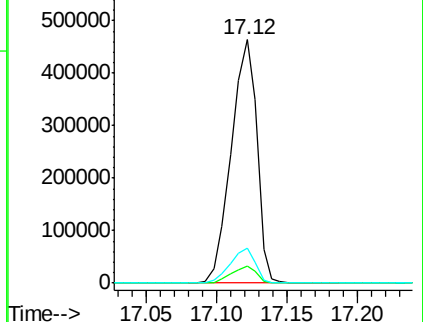
122 14.3 10.3 15.5

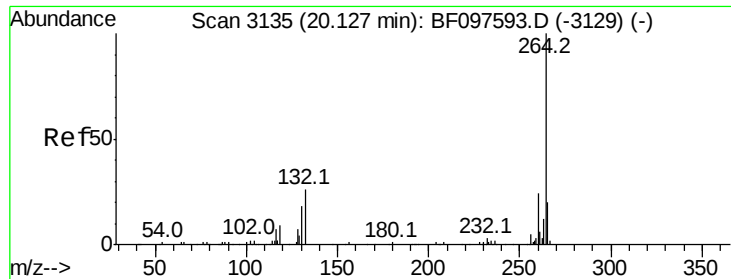


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 20.13 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.6	17.2	25.8

