

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097816.D
 Acq On : 18 Aug 2017 6:00
 Operator : SJ/JU
 Sample : I4752-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW-10-GW

Quant Time: Aug 18 07:35:21 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

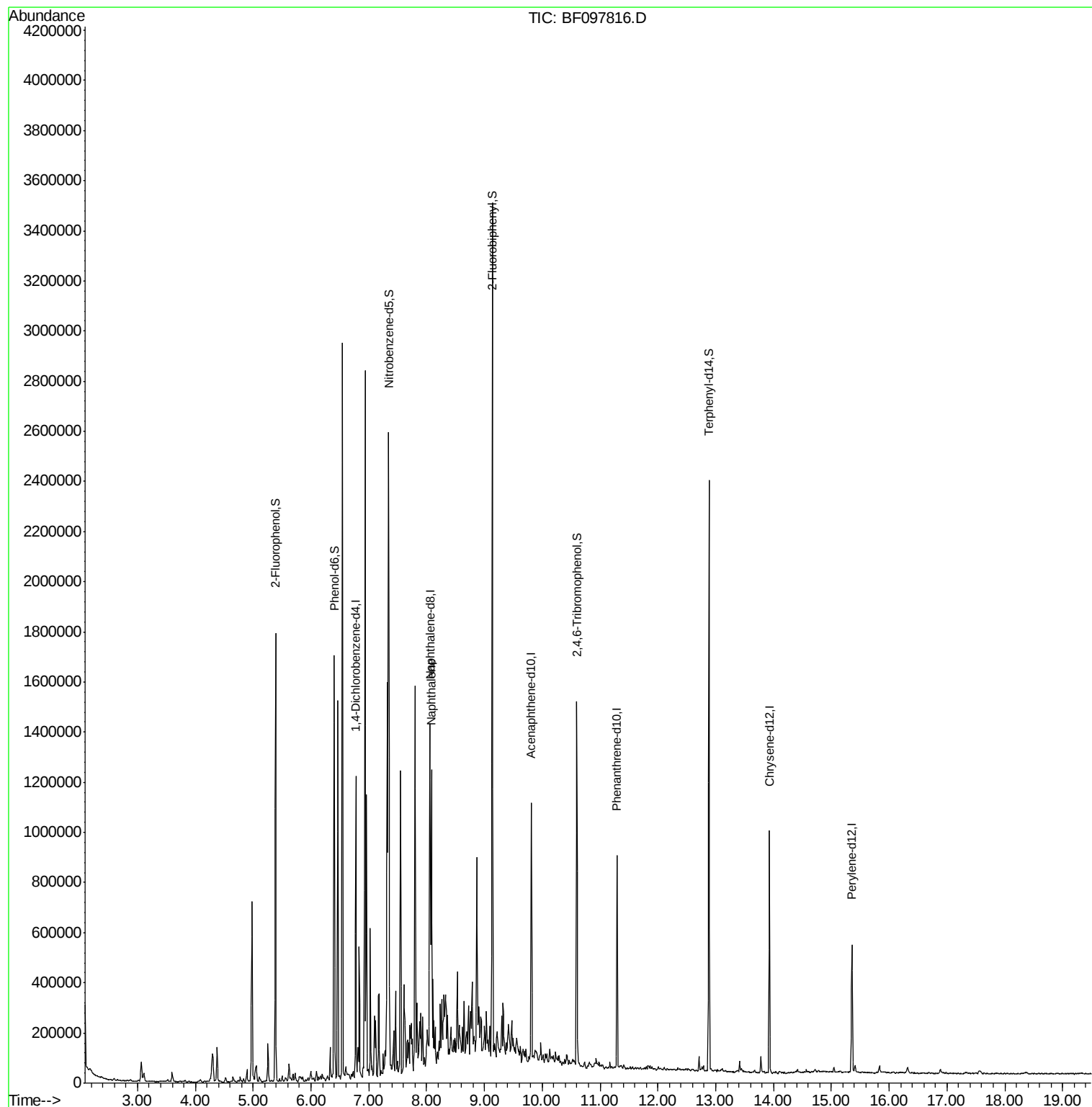
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	145637	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	520128	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	185963	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	306812	20.00	ng	0.00
75) Chrysene-d12	13.93	240	304879	20.00	ng	-0.01
86) Perylene-d12	15.36	264	211249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	440952	46.05	ng	0.00
7) Phenol-d6	6.40	99	532819	40.96	ng	0.00
23) Nitrobenzene-d5	7.34	82	795242	83.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	142033	88.03	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1028755	81.28	ng	0.00
78) Terphenyl-d14	12.89	244	750273	51.32	ng	0.00
Target Compounds						
31) Naphthalene	8.08	128	248585	9.206	ng	Qvalue # 93

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

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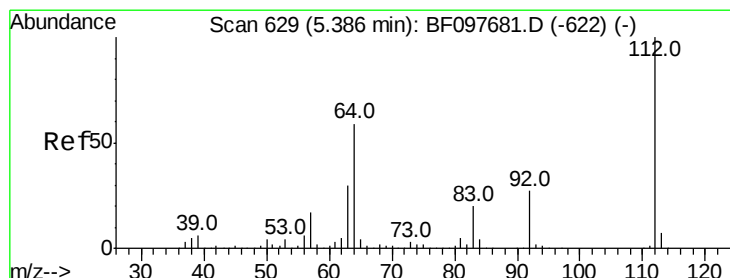
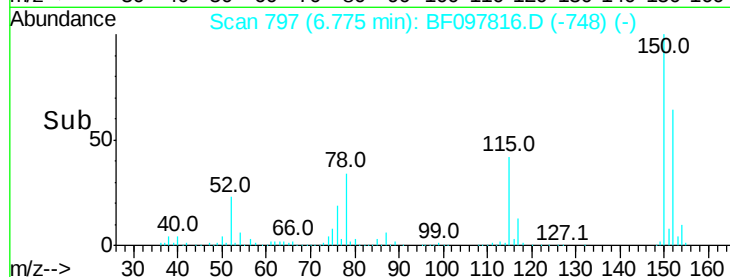
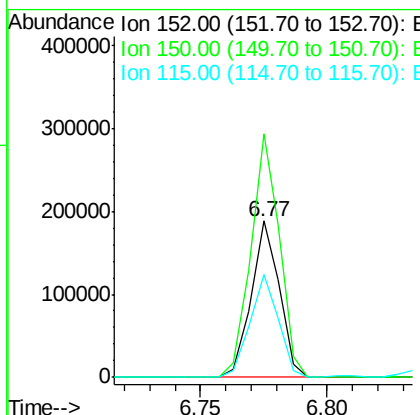
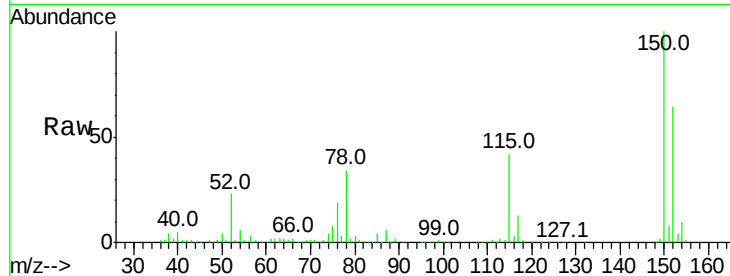


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097816.D
Acq: 18 Aug 2017 6:00

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-10-GW

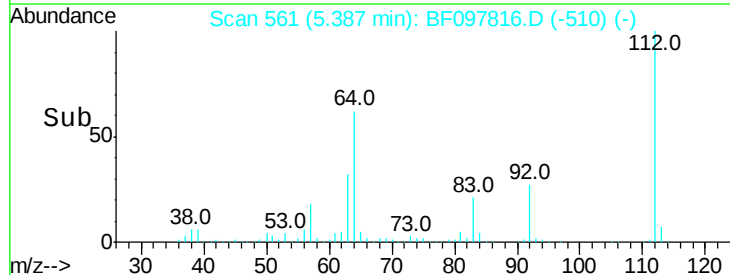
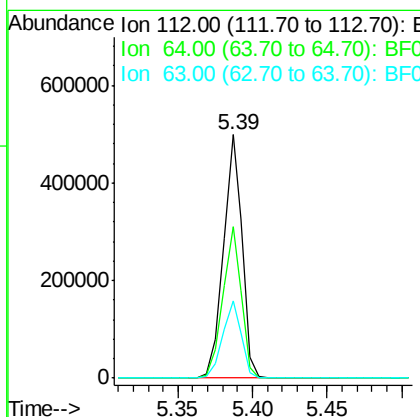
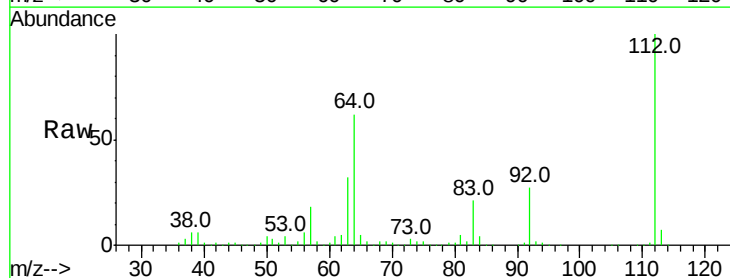
Tot Ion:152 Resp: 145637
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 65.5 52.2 78.2

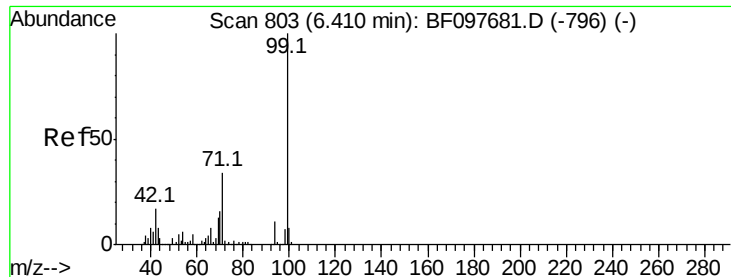


#5

2-Fluorophenol
Concen: 46.054 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097816.D
Acq: 18 Aug 2017 6:00

Tgt Ion:112 Resp: 440952
Ion Ratio Lower Upper
112 100
64 62.1 46.0 69.0
63 31.9 23.4 35.0





#7

Phenol-d6

Concen: 40.957 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097816.D

Acq: 18 Aug 2017 6:00

Instrument :

BNA_F

ClientSampleId :

RMAB-MW-10-GW

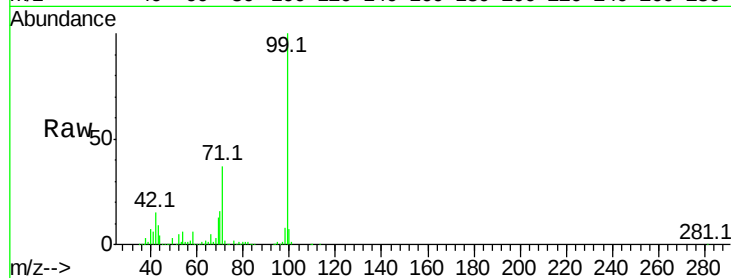
Tot Ion: 99 Resp: 532819

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

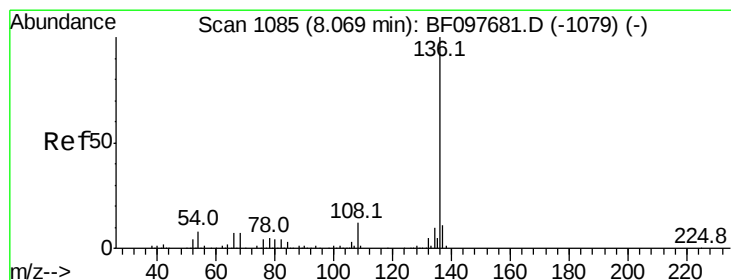
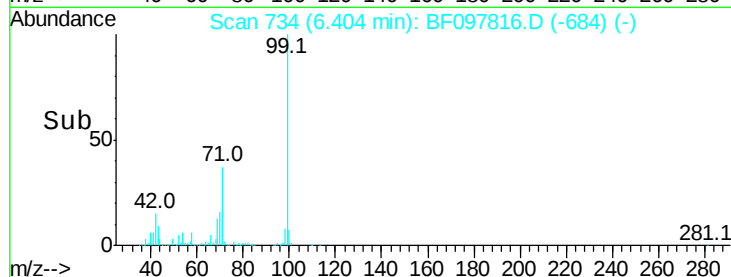
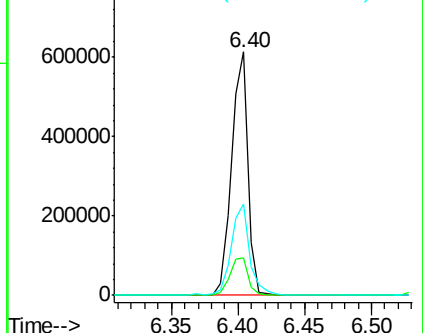
71 37.3 24.5 36.7#



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: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097816.D

Acq: 18 Aug 2017 6:00

Tgt Ion: 136 Resp: 520128

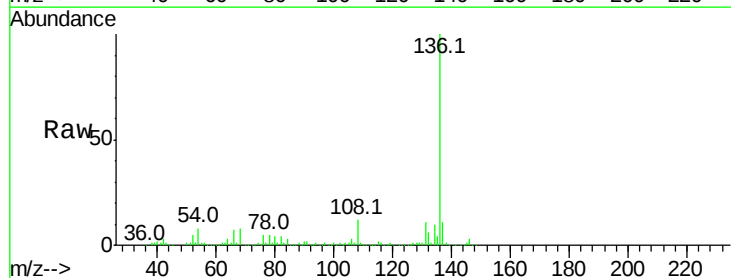
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 8.3 4.9 7.3#

68 8.0 4.1 6.1#

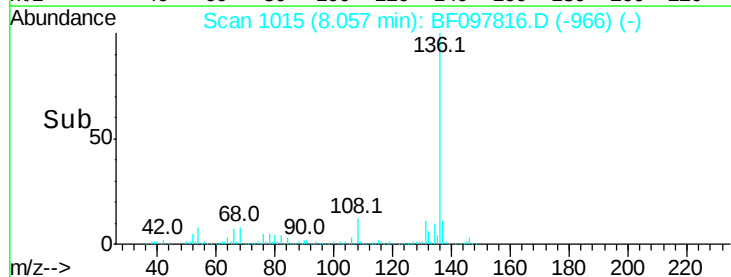
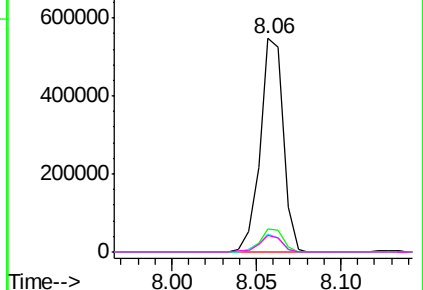


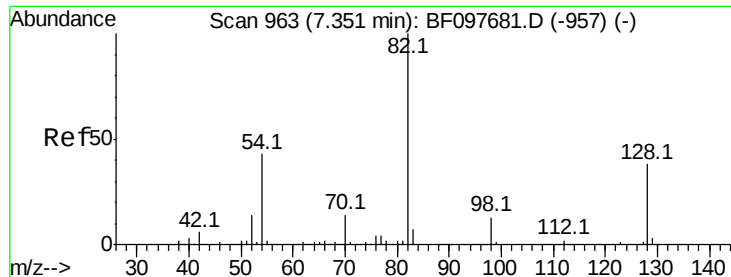
Abundance Ion 136.00 (135.70 to 136.70): E

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

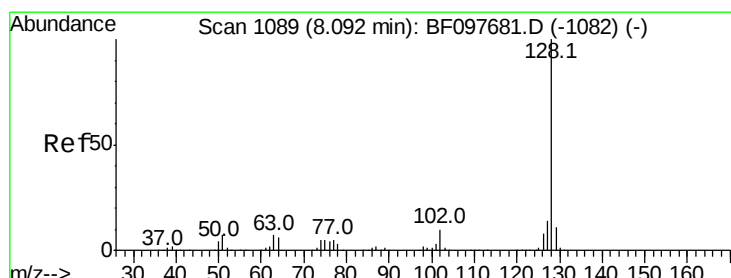
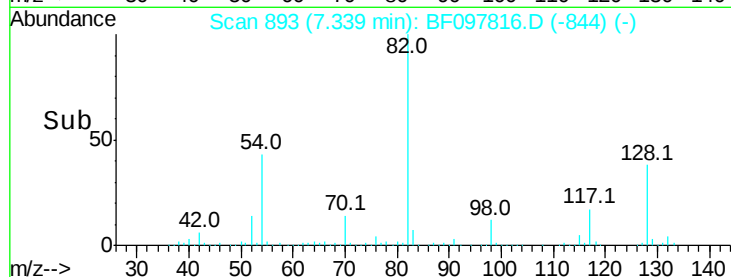
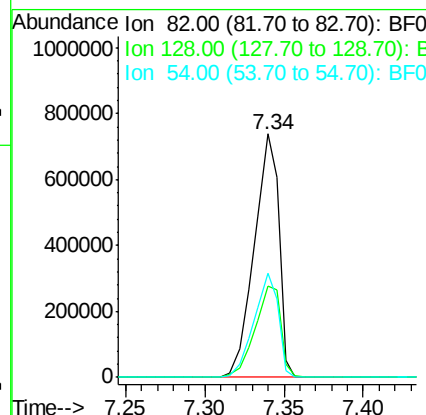
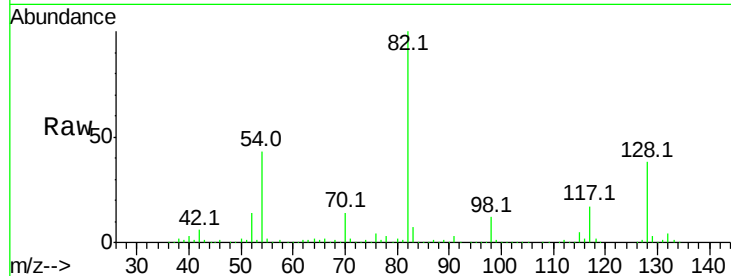




#23
 Nitrobenzene-d5
 Concen: 83.059 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097816.D
 Acq: 18 Aug 2017 6:00

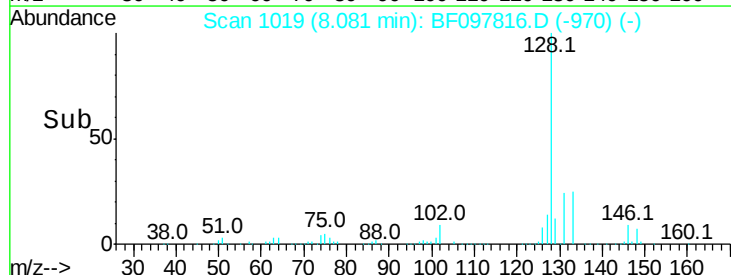
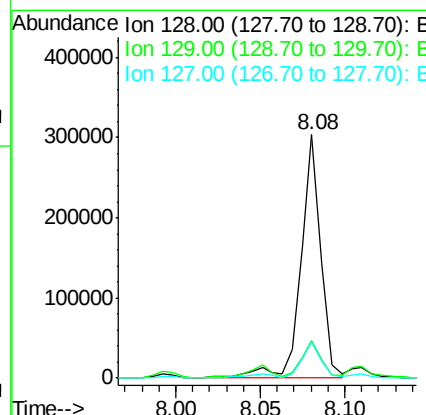
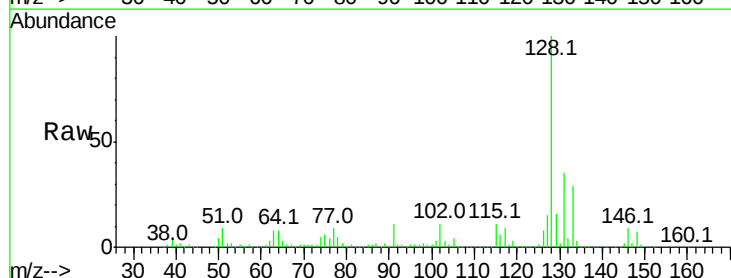
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW-10-GW

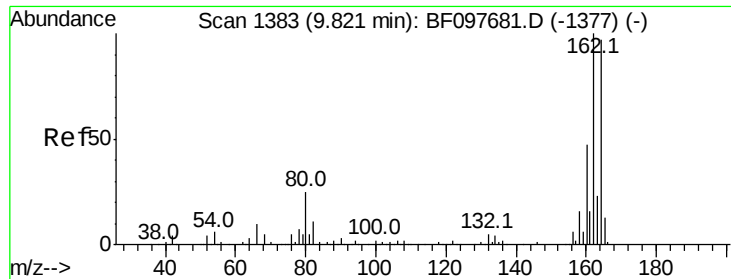
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.6	34.0	51.0
54	42.6	42.2	63.2



#31
 Naphthalene
 Concen: 9.206 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF097816.D
 Acq: 18 Aug 2017 6:00

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.0	13.6#
127	15.0	10.8	16.2

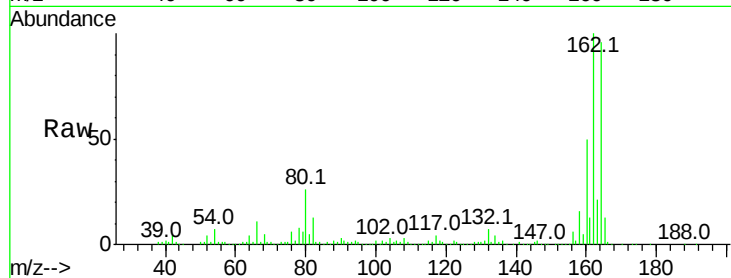




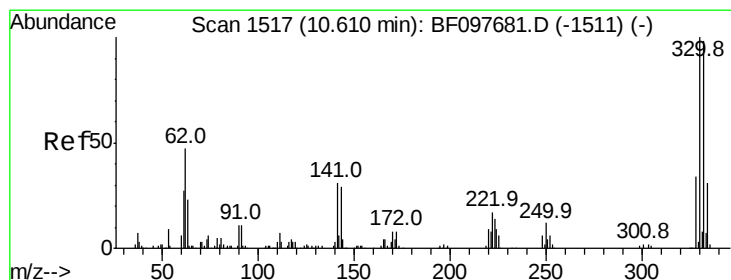
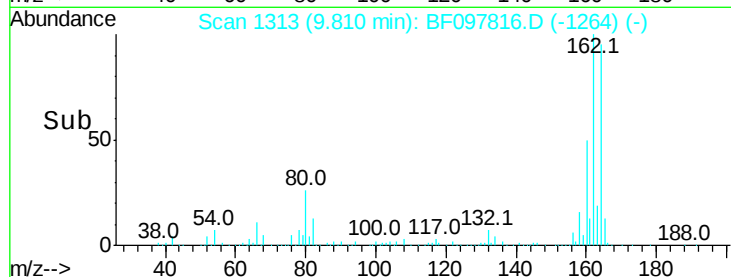
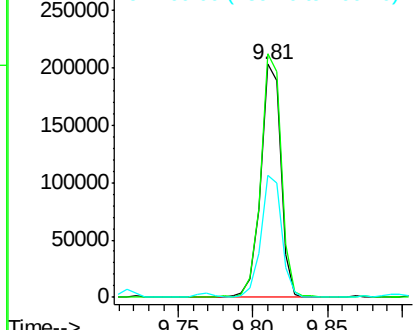
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097816.D
 Acq: 18 Aug 2017 6:00

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW-10-GW

Tot Ion:164 Resp: 185963
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.6 123.8
 160 52.4 36.2 54.2

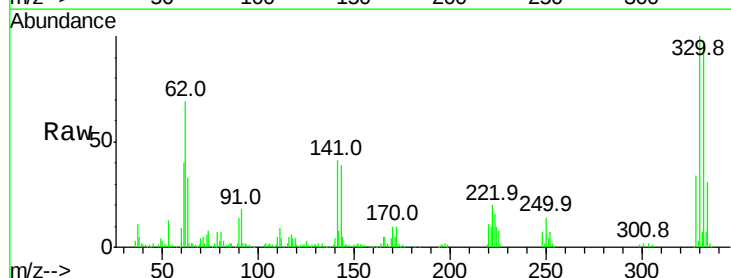


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

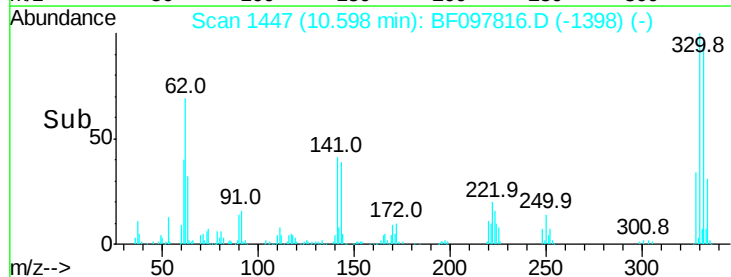
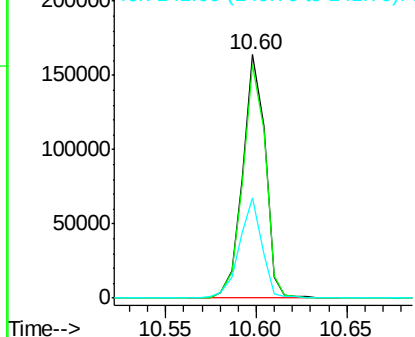


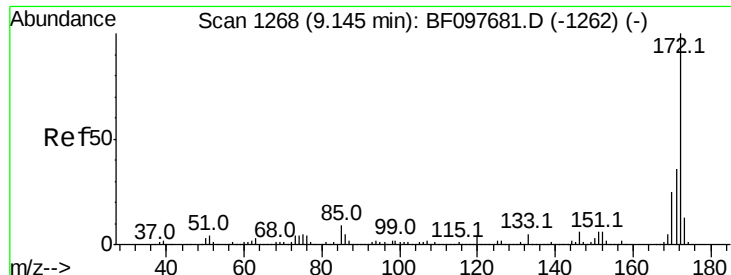
#41
 2,4,6-Tribromophenol
 Concen: 88.026 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097816.D
 Acq: 18 Aug 2017 6:00

Tgt Ion:330 Resp: 142033
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 42.3 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

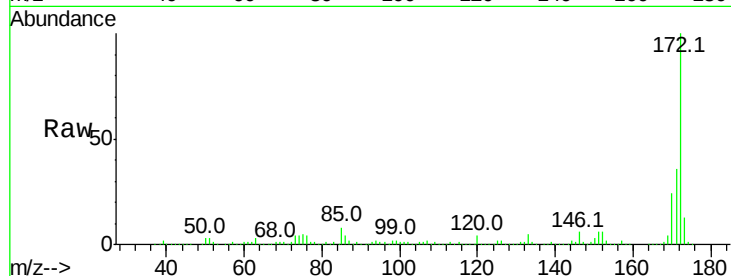




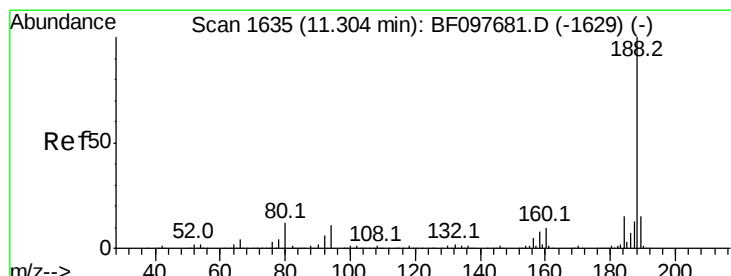
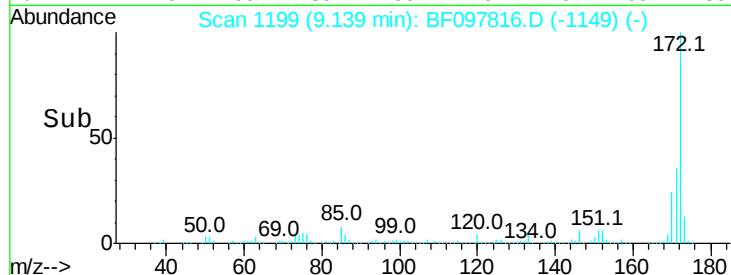
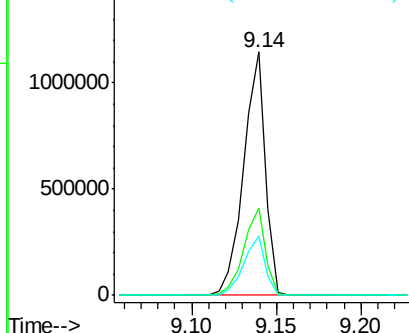
#44
 2-Fluorobiphenyl
 Concen: 81.277 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097816.D
 Acq: 18 Aug 2017 6:00

Instrument :
 BNA_F
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 RMAB-MW-10-GW

Tot Ion:172 Resp: 1028755
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.2 19.8 29.8

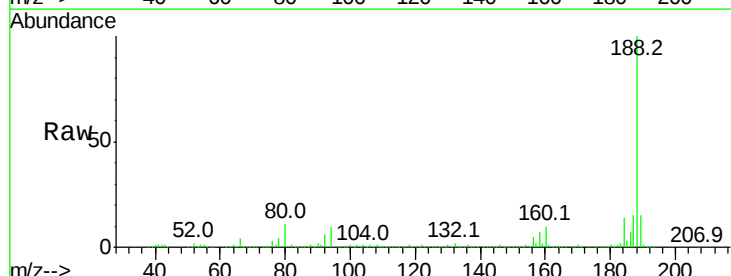


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

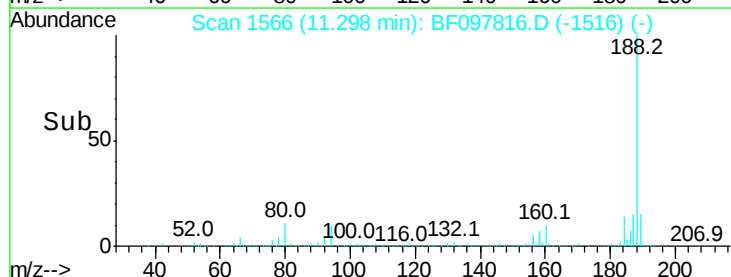
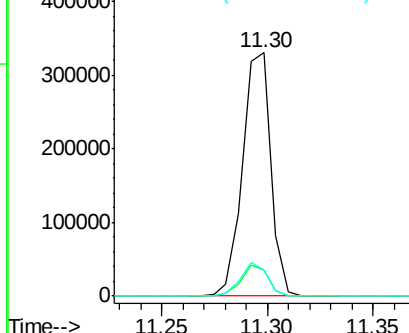


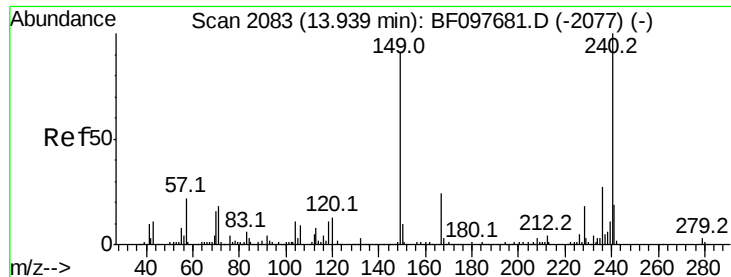
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF097816.D
 Acq: 18 Aug 2017 6:00

Tgt Ion:188 Resp: 306812
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.8 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# 2083

Delta R.T. -0.01 min

Lab File: BF097816.D

Acq: 18 Aug 2017 6:00

Instrument :

BNA_F

ClientSampleId :

RMAB-MW-10-GW

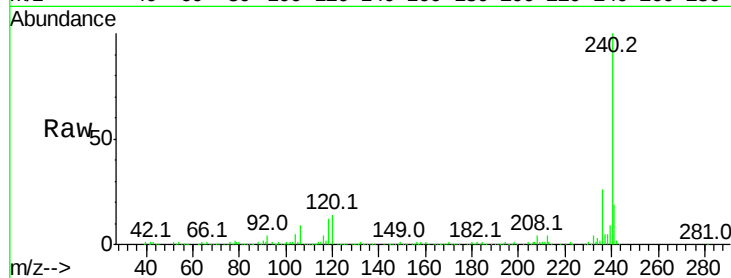
Tot Ion:240 Resp: 304879

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

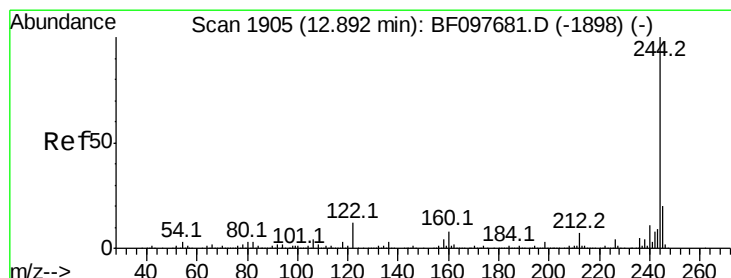
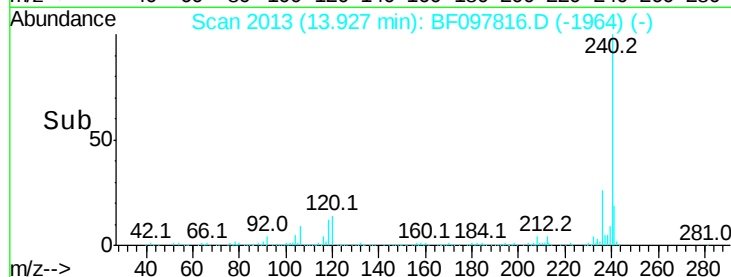
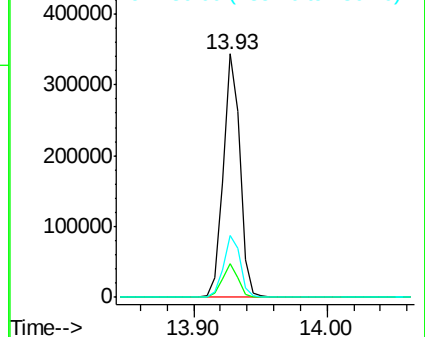
236 25.6 20.5 30.7



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: 51.318 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097816.D

Acq: 18 Aug 2017 6:00

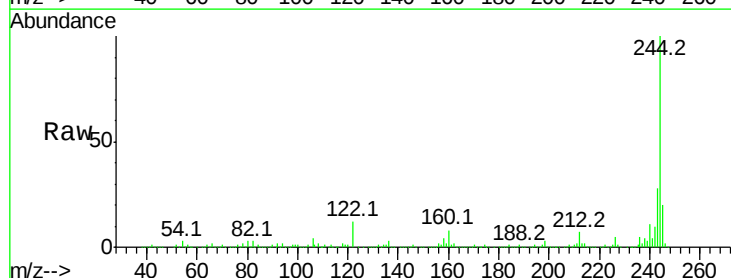
Tgt Ion:244 Resp: 750273

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

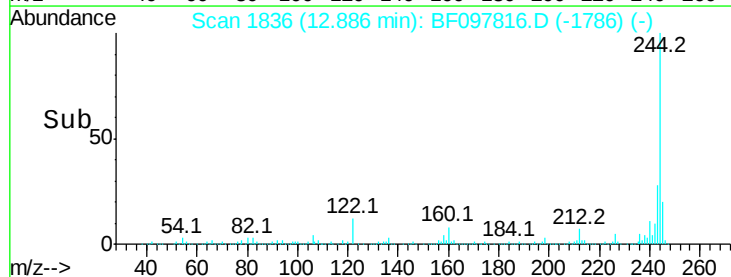
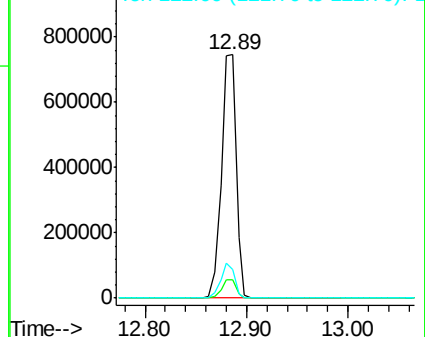
122 12.0 10.3 15.5

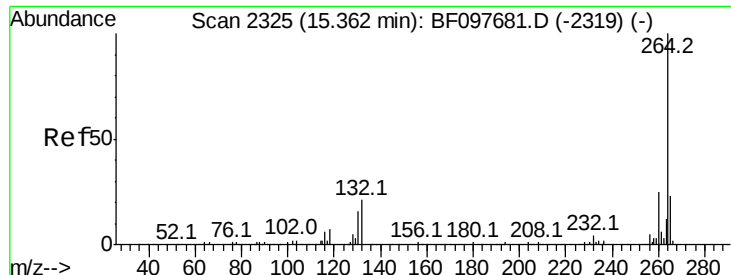


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

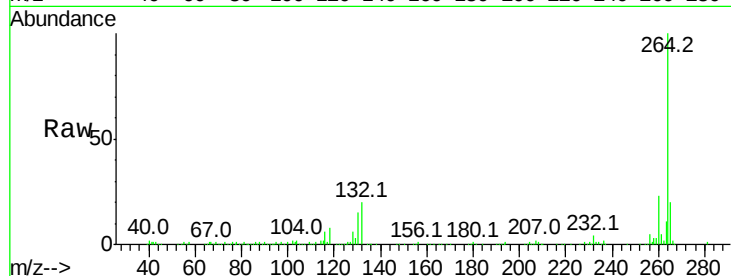




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097816.D
 Acq: 18 Aug 2017 6:00

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW-10-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.3	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

