

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097130.D
 Acq On : 27 Jul 2017 18:49
 Operator : SJ/JU
 Sample : I4432-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Jul 28 01:27:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

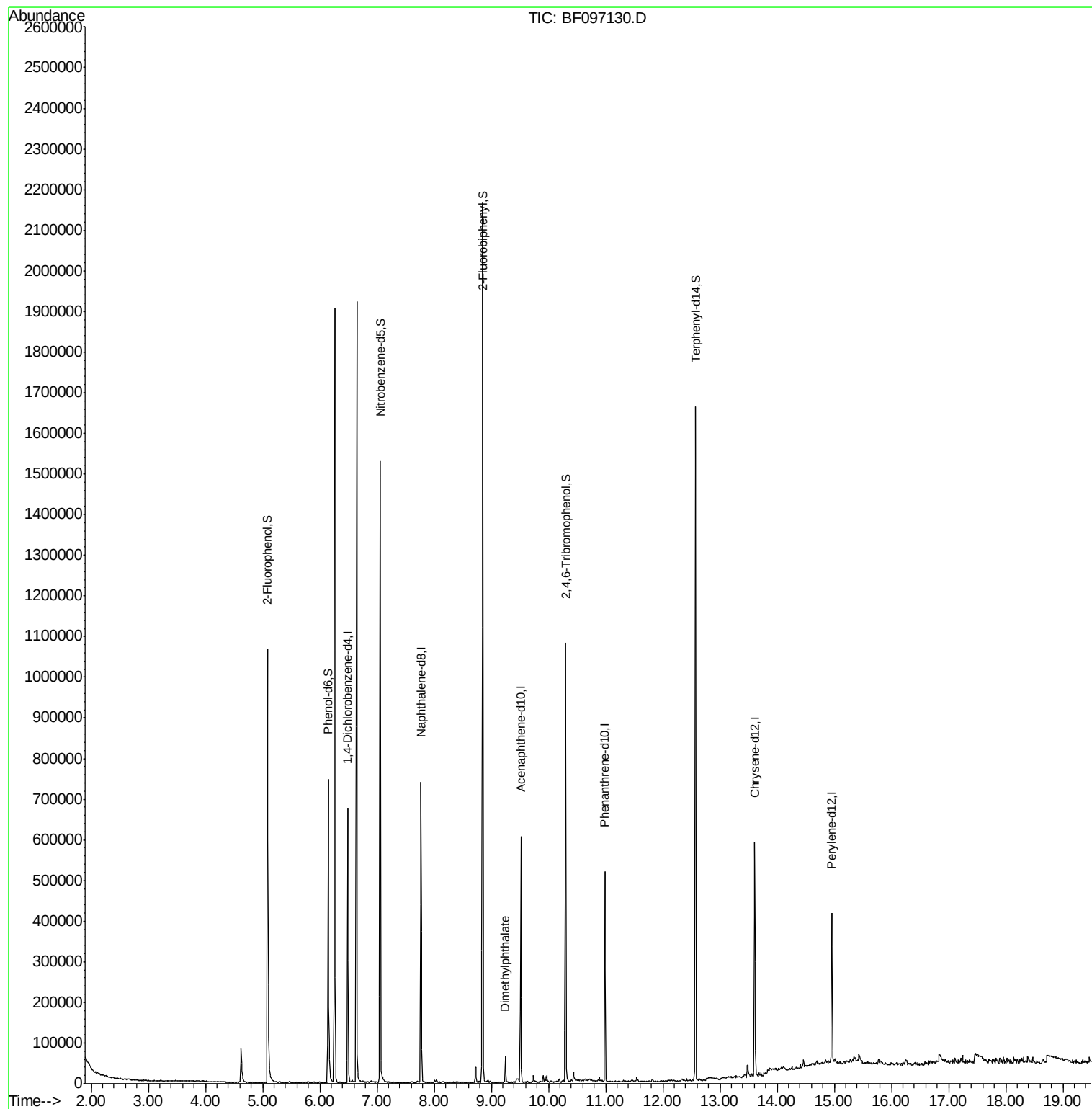
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	88658	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	314798	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	117746	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	172685	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	179043	20.00	ng	-0.02
86) Perylene-d12	14.96	264	143419	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	319367	54.30	ng	-0.01
7) Phenol-d6	6.15	99	246370	36.69	ng	-0.02
23) Nitrobenzene-d5	7.06	82	500103	93.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	109560	117.77	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	752647	108.48	ng	-0.02
78) Terphenyl-d14	12.57	244	517400	58.92	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.25	163	24261	2.713	ng	97

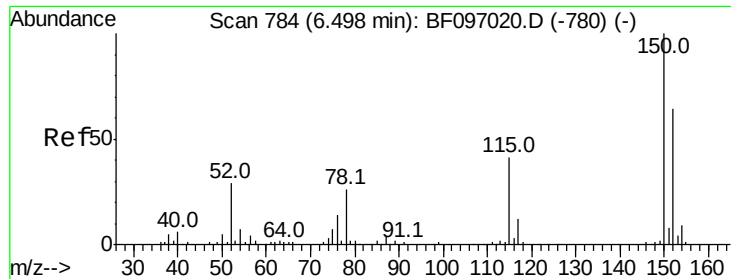
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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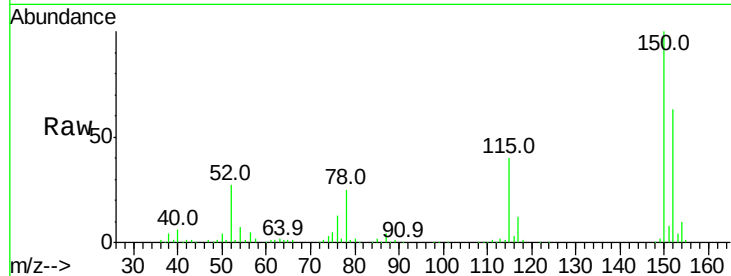


#1

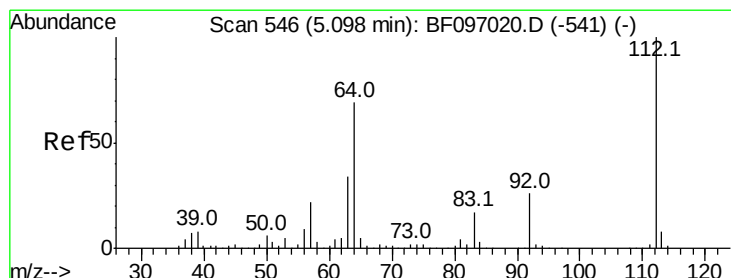
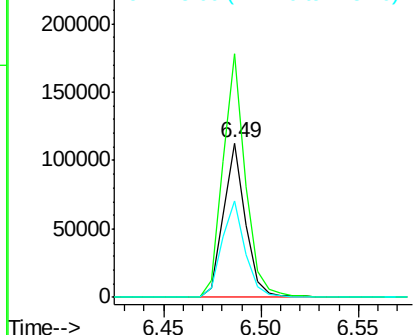
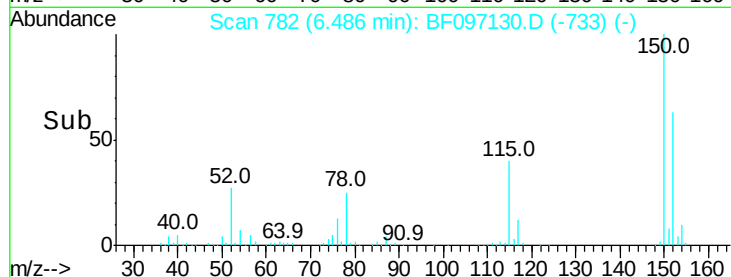
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097130.D
Acq: 27 Jul 2017 18:49

Instrument :
BNA_F
ClientSampleId :
MW-5

Tot Ion:152 Resp: 88658
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 62.6 52.2 78.2



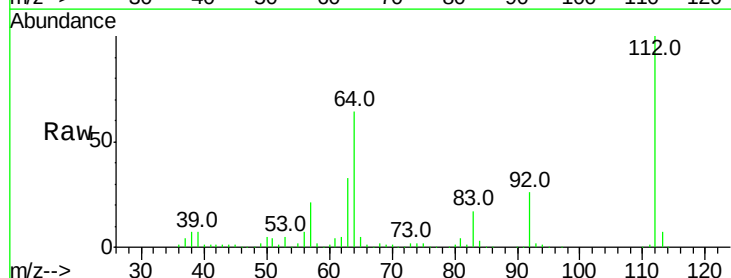
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



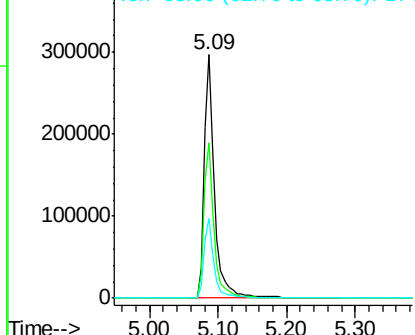
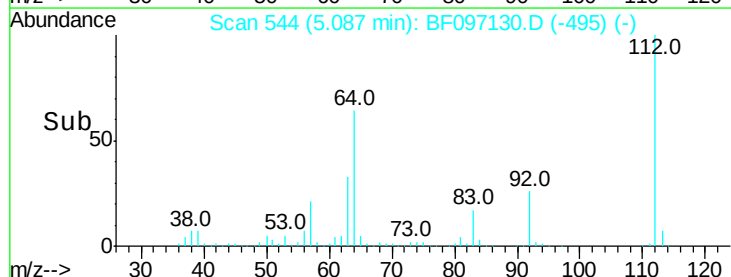
#5

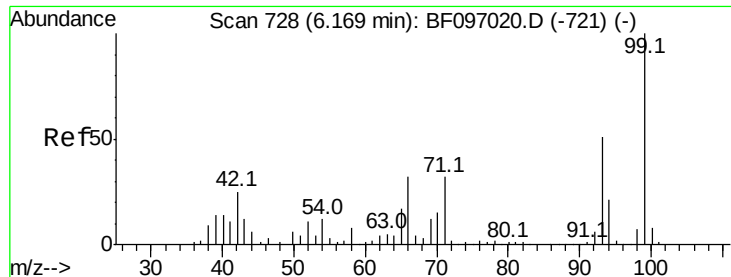
2-Fluorophenol
Concen: 54.303 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097130.D
Acq: 27 Jul 2017 18:49

Tgt Ion:112 Resp: 319367
Ion Ratio Lower Upper
112 100
64 63.8 46.0 69.0
63 32.5 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: 36.695 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

Instrument :

BNA_F

ClientSampleId :

MW-5

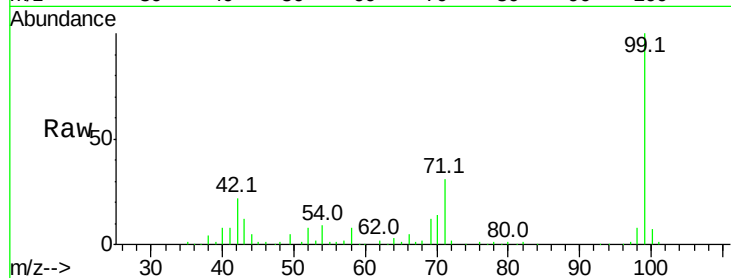
Tot Ion: 99 Resp: 246370

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

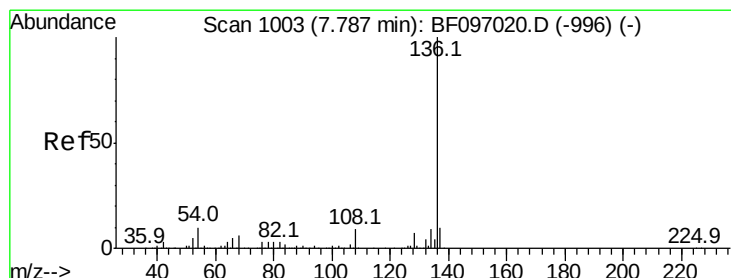
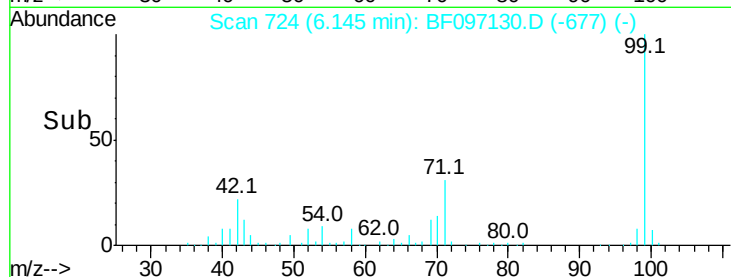
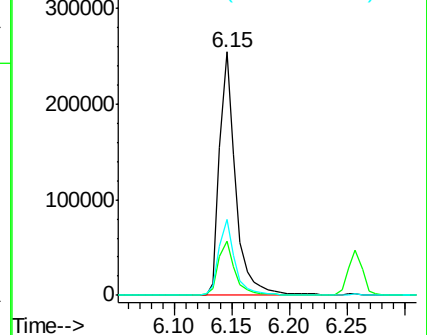
71 31.1 24.5 36.7



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: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

Tgt Ion: 136 Resp: 314798

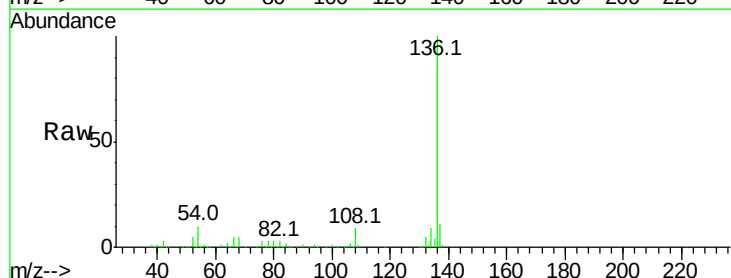
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.9 4.9 7.3#

68 5.0 4.1 6.1

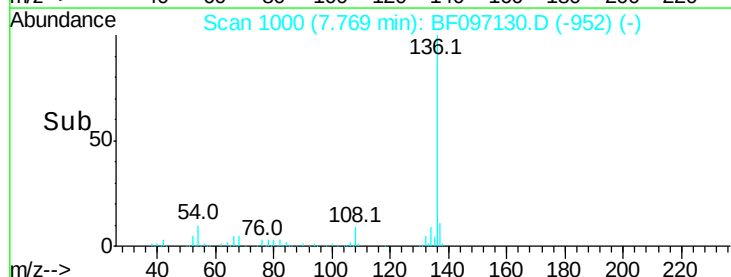
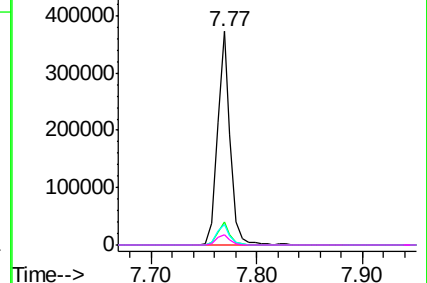


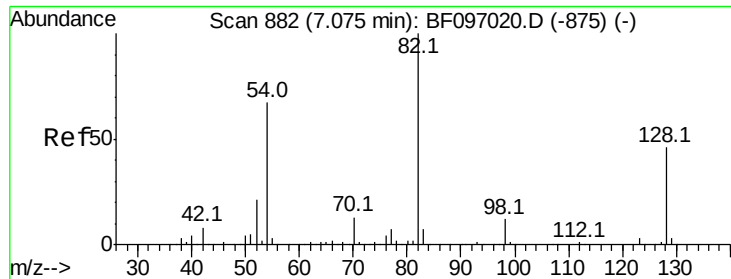
Abundance Ion 136.00 (135.70 to 136.70): E

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

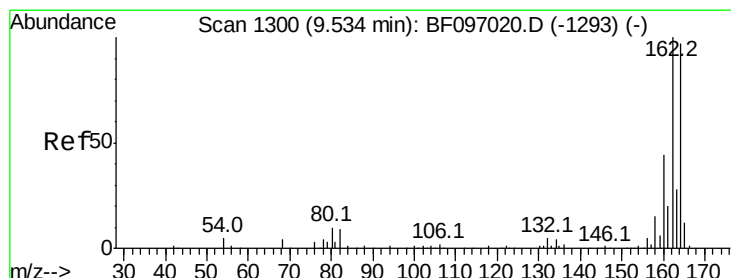
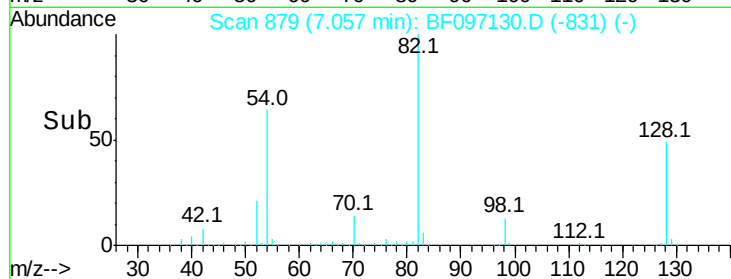
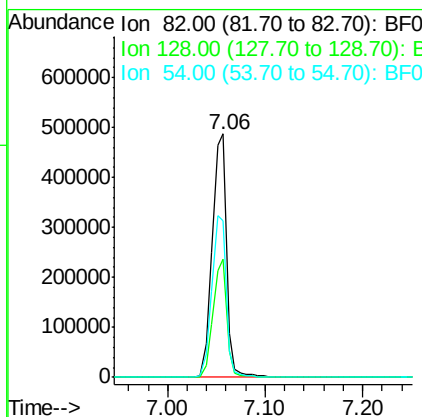
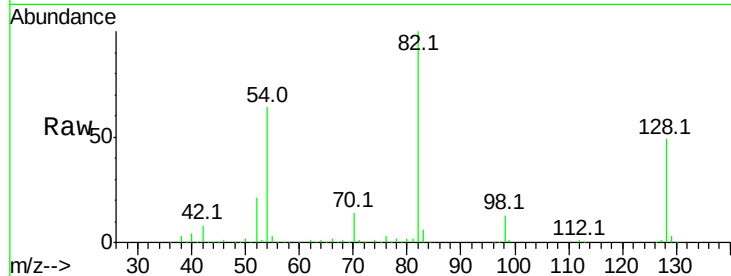




#23
Nitrobenzene-d5
Concen: 93.196 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097130.D
Acq: 27 Jul 2017 18:49

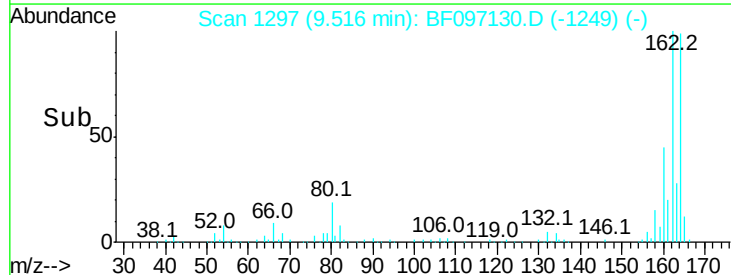
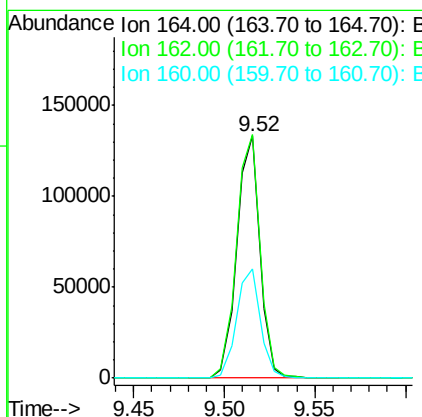
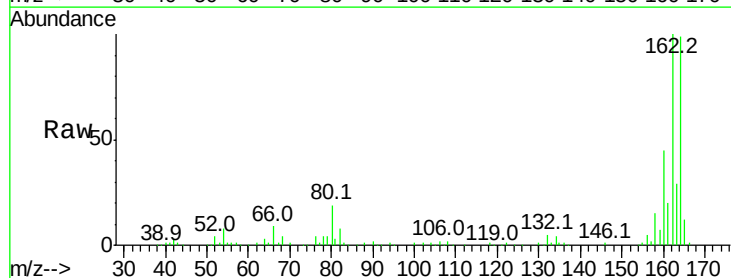
Instrument :
BNA_F
ClientSampleId :
MW-5

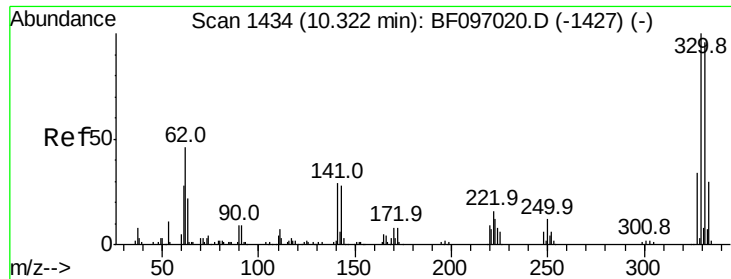
Tot Ion: 82 Resp: 500103
Ion Ratio Lower Upper
82 100
128 48.7 34.0 51.0
54 64.1 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097130.D
Acq: 27 Jul 2017 18:49

Tgt Ion: 164 Resp: 117746
Ion Ratio Lower Upper
164 100
162 100.6 82.6 123.8
160 44.9 36.2 54.2

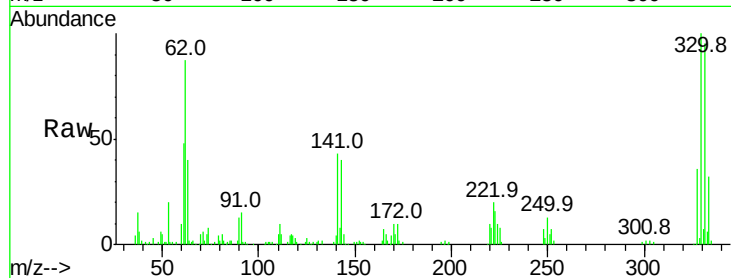




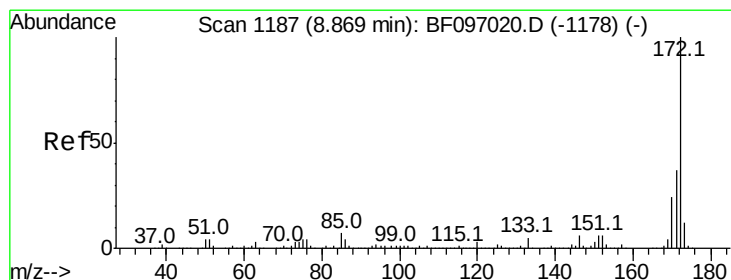
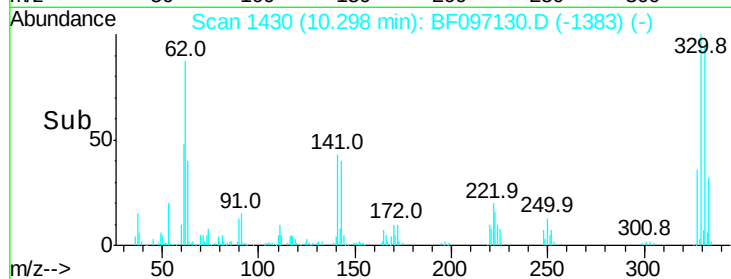
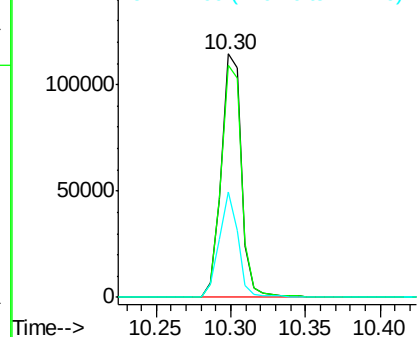
#41
 2,4,6-Tribromophenol
 Concen: 117.768 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097130.D
 Acq: 27 Jul 2017 18:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:330 Resp: 109560
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 40.2 31.4 47.2

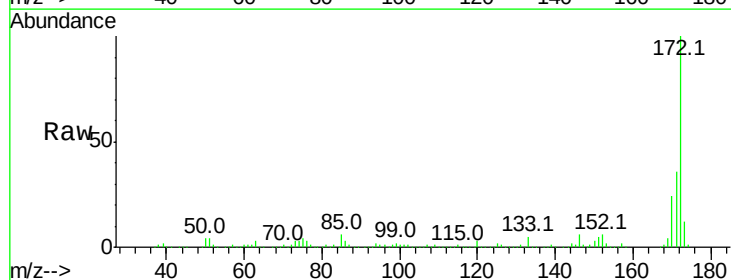


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

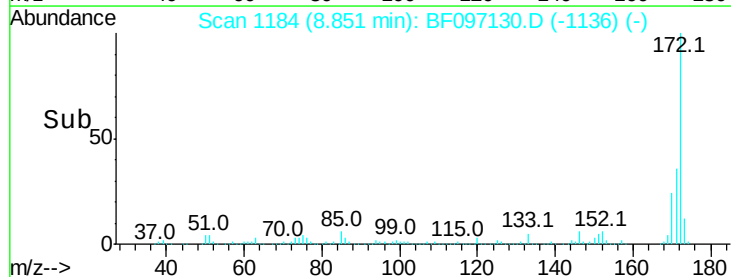
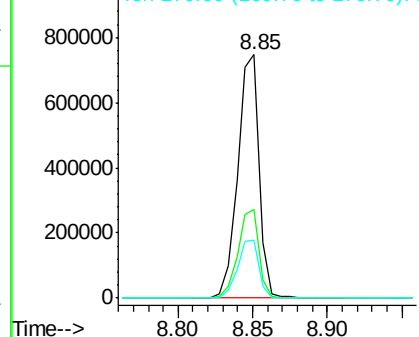


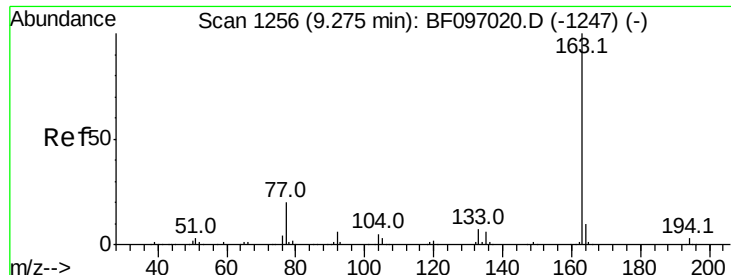
#44
 2-Fluorobiphenyl
 Concen: 108.481 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097130.D
 Acq: 27 Jul 2017 18:49

Tgt Ion:172 Resp: 752647
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.7 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

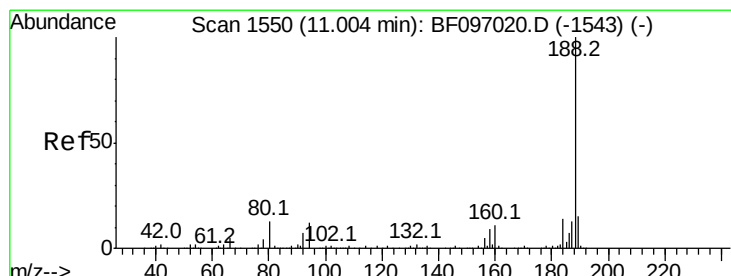
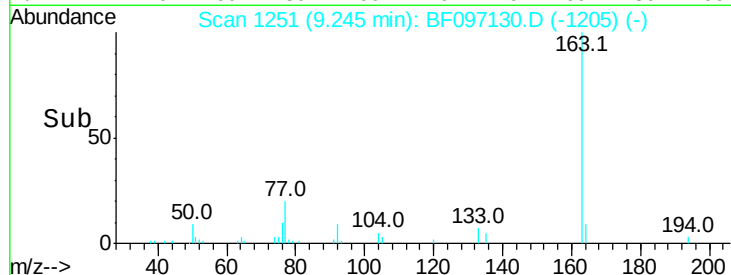
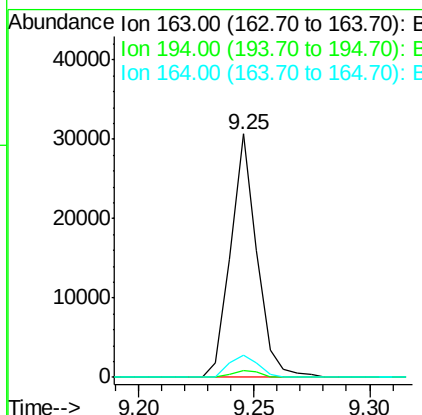
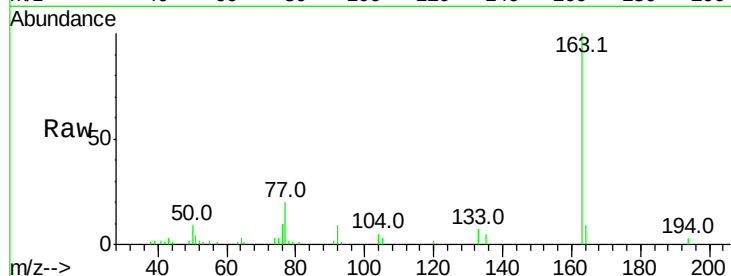




#49
Dimethylphthalate
Concen: 2.713 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097130.D
Acq: 27 Jul 2017 18:49

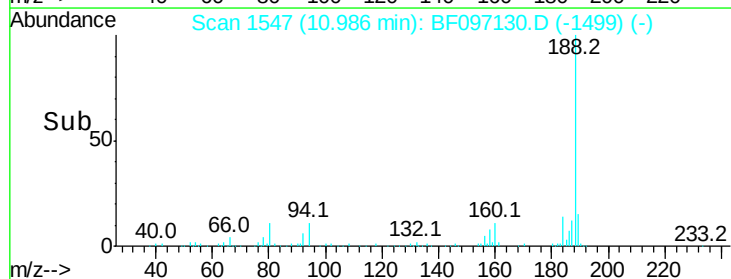
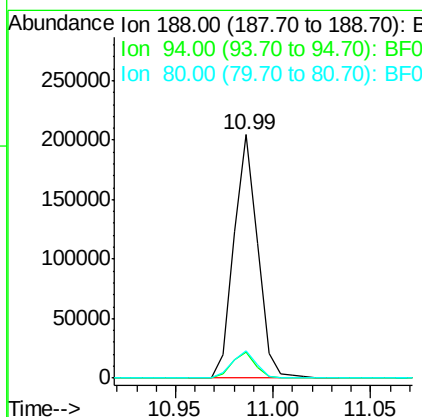
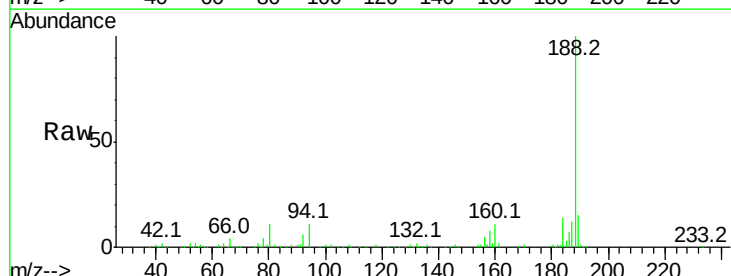
Instrument :
BNA_F
ClientSampleId :
MW-5

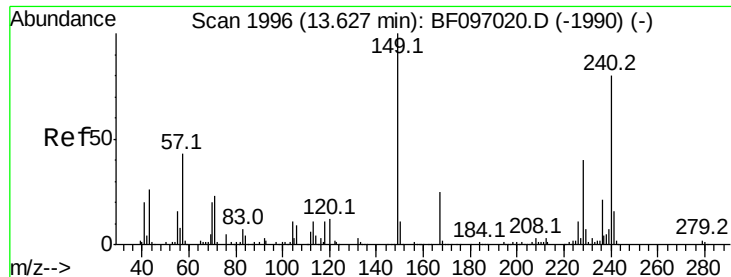
Tot Ion:163 Resp: 24261
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 9.1 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097130.D
Acq: 27 Jul 2017 18:49

Tgt Ion:188 Resp: 172685
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.1 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

Instrument :

BNA_F

ClientSampled :

MW-5

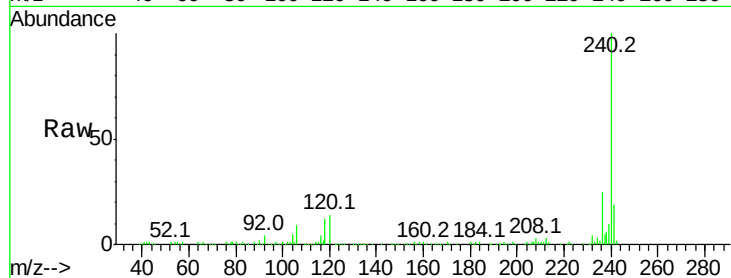
Tot Ion:240 Resp: 179043

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

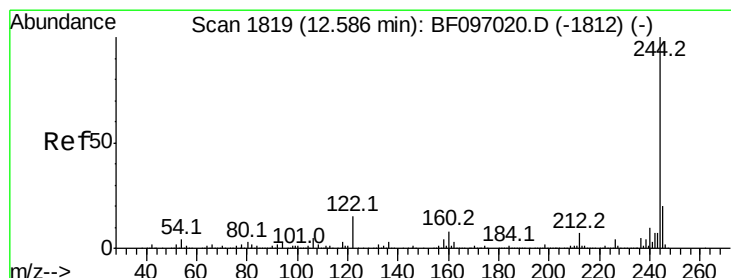
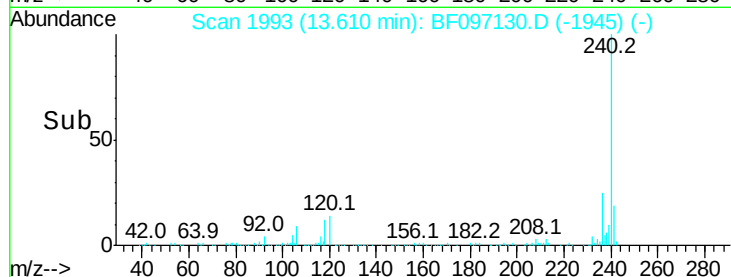
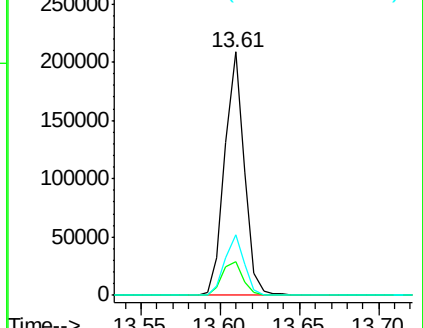
236 24.9 20.5 30.7



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: 58.919 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097130.D

Acq: 27 Jul 2017 18:49

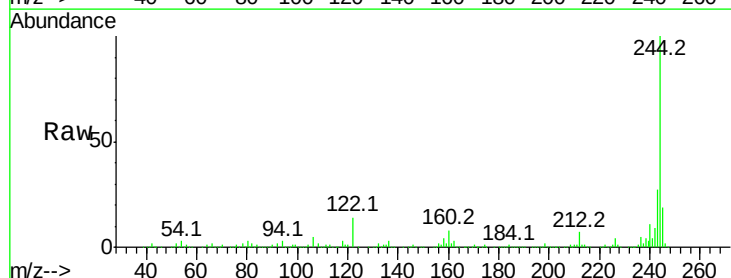
Tgt Ion:244 Resp: 517400

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

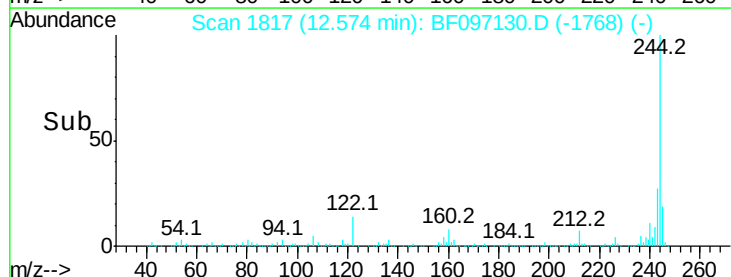
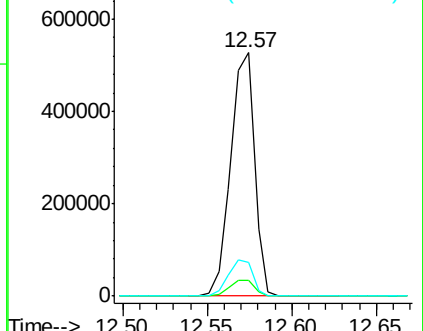
122 13.8 10.3 15.5

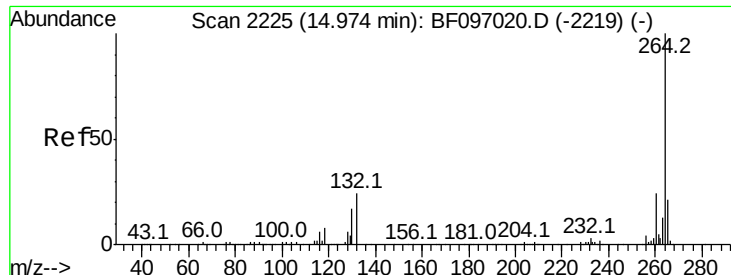


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

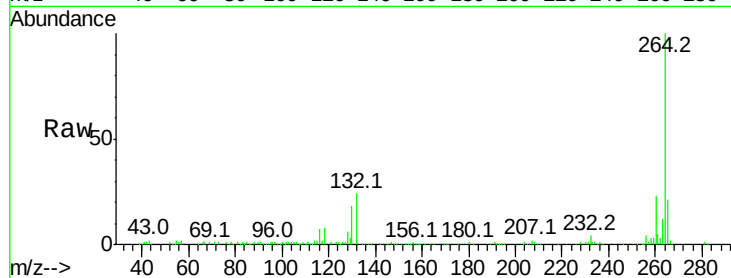




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF097130.D
Acq: 27 Jul 2017 18:49

Instrument :
BNA_F
ClientSampleId :
MW-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.1	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

