

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097038.D
 Acq On : 25 Jul 2017 19:30
 Operator : SJ/JU
 Sample : I4369-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20170720

Quant Time: Jul 26 01:45:38 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

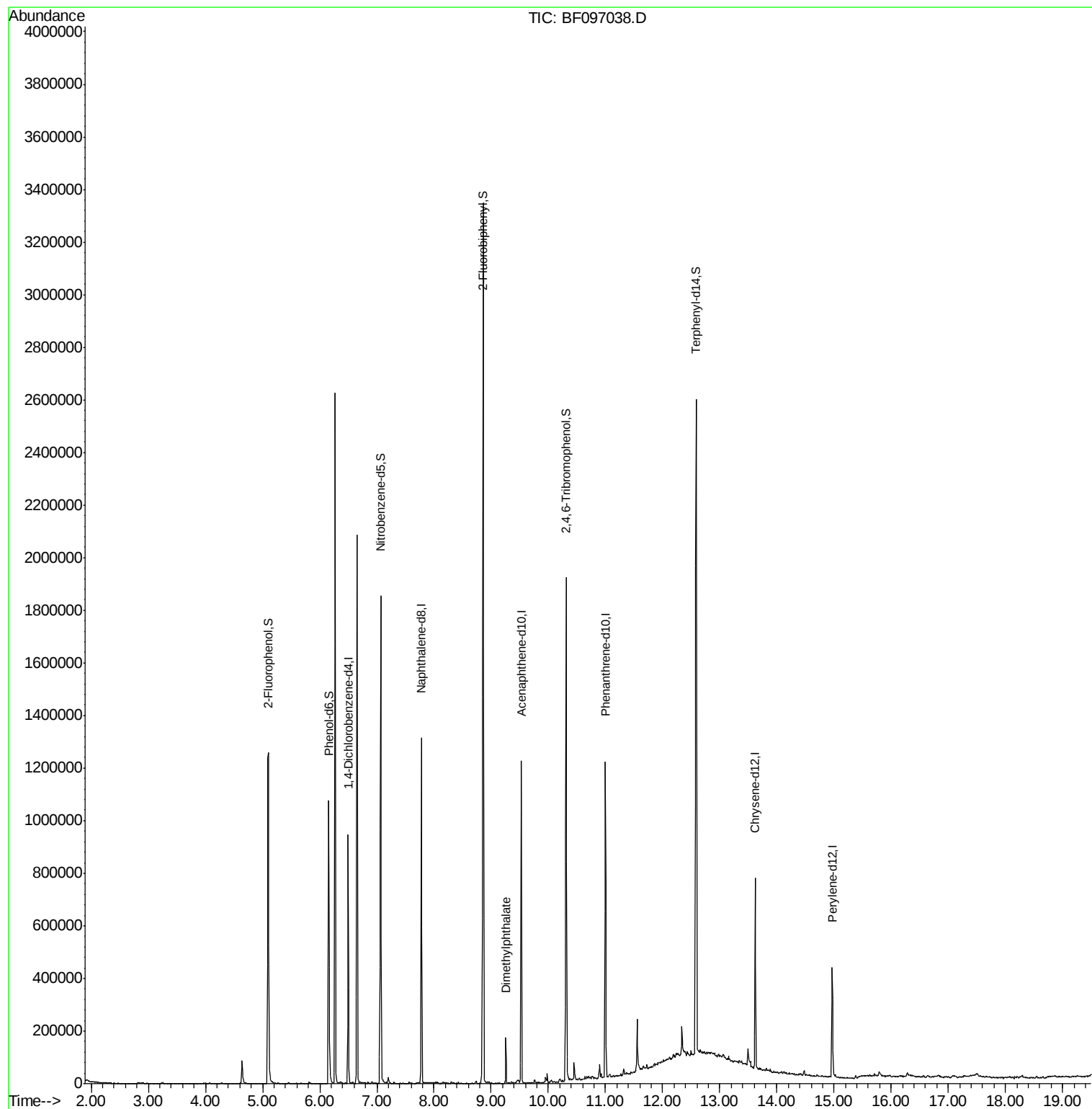
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	139927	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	580087	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	250216	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	388332	20.00	ng	0.00
75) Chrysene-d12	13.62	240	232390	20.00	ng	0.00
86) Perylene-d12	14.97	264	160091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	392089	42.24	ng	0.00
7) Phenol-d6	6.16	99	358996	33.88	ng	-0.01
23) Nitrobenzene-d5	7.07	82	616894	62.39	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	239756	121.28	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1201633	81.50	ng	0.00
78) Terphenyl-d14	12.59	244	914372	80.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.26	163	60716	3.195	ng	Qvalue 99

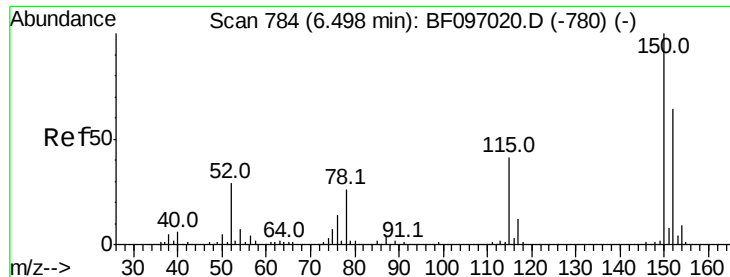
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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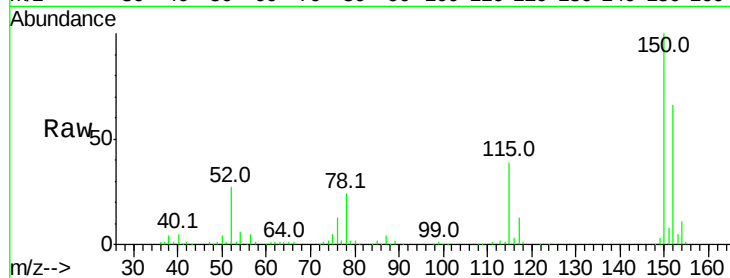


#1

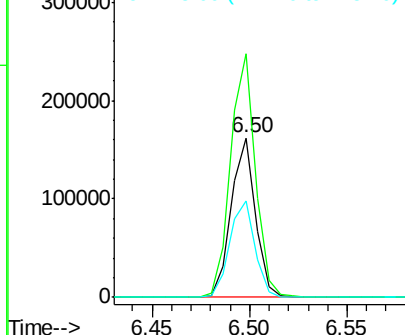
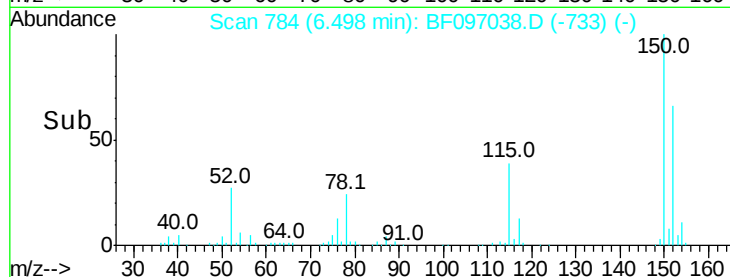
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097038.D
Acq: 25 Jul 2017 19:30

Instrument :
BNA_F
ClientSampleId :
MW-4-20170720

Tot Ion:152 Resp: 139927
Ion Ratio Lower Upper
152 100
150 152.5 126.2 189.2
115 60.1 52.2 78.2



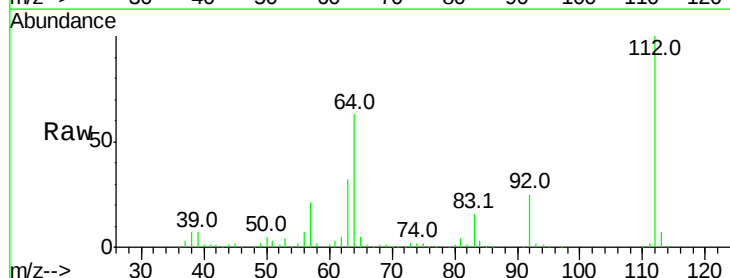
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



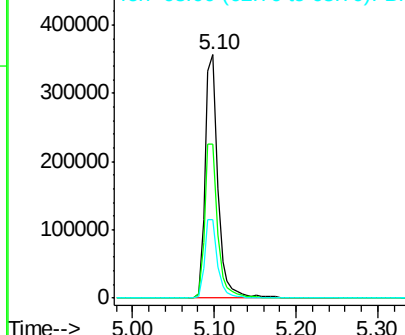
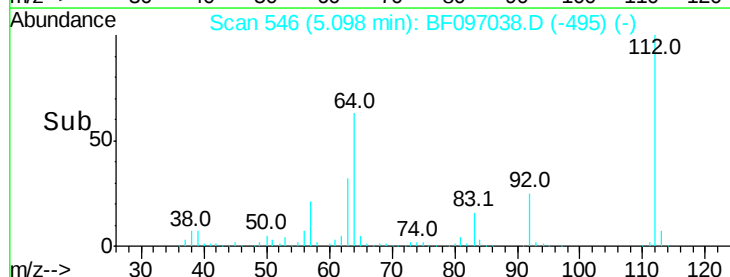
#5

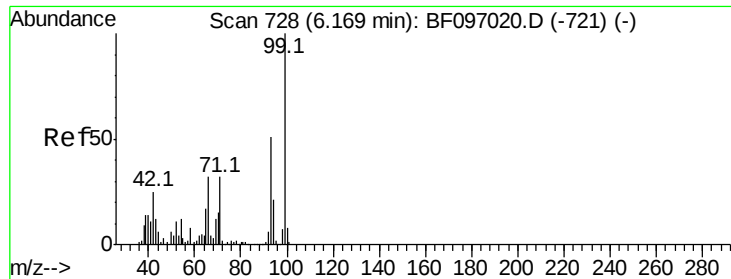
2-Fluorophenol
Concen: 42.241 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097038.D
Acq: 25 Jul 2017 19:30

Tgt Ion:112 Resp: 392089
Ion Ratio Lower Upper
112 100
64 63.4 46.0 69.0
63 32.3 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: 33.878 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097038.D

Acq: 25 Jul 2017 19:30

Instrument :

BNA_F

ClientSampleId :

MW-4-20170720

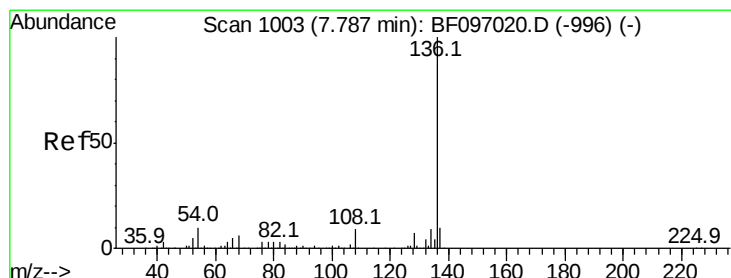
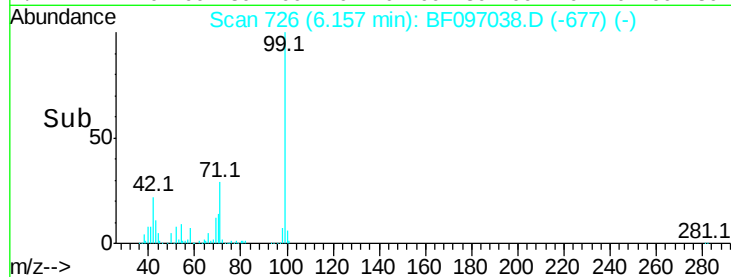
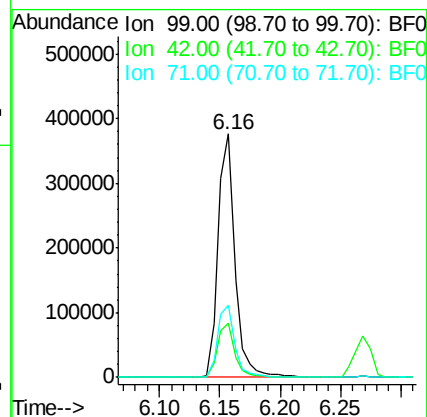
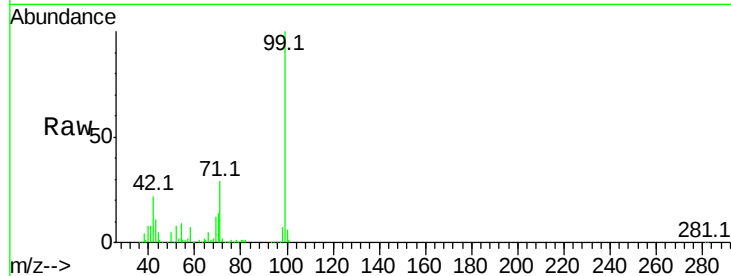
Tot Ion: 99 Resp: 358996

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

71 29.4 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097038.D

Acq: 25 Jul 2017 19:30

Tgt Ion: 136 Resp: 580087

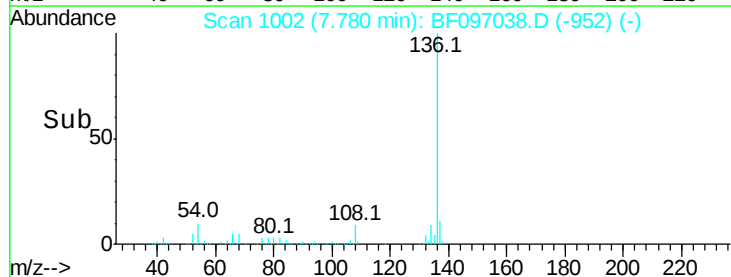
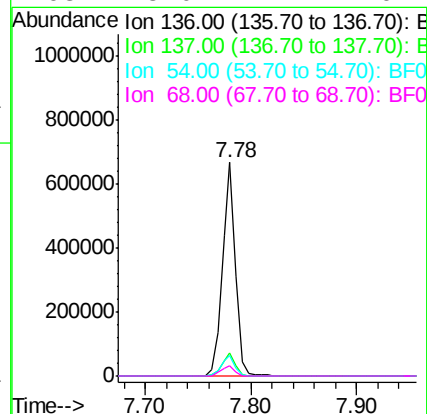
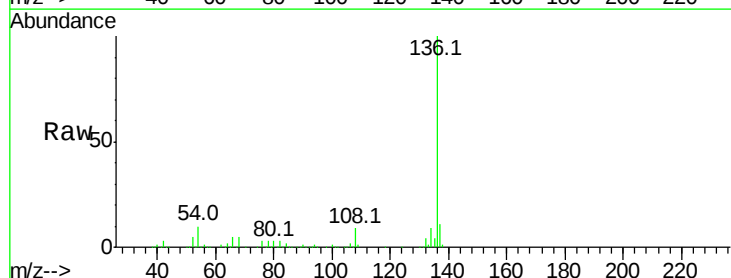
Ion Ratio Lower Upper

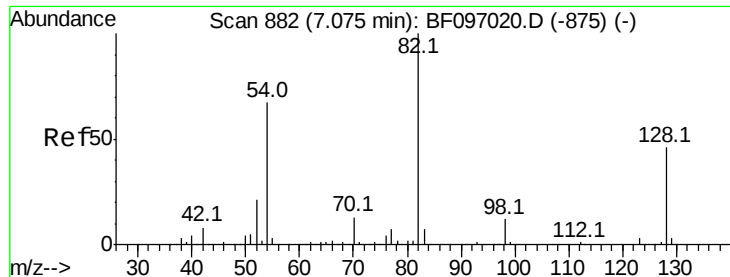
136 100

137 11.0 8.5 12.7

54 9.8 4.9 7.3#

68 5.0 4.1 6.1

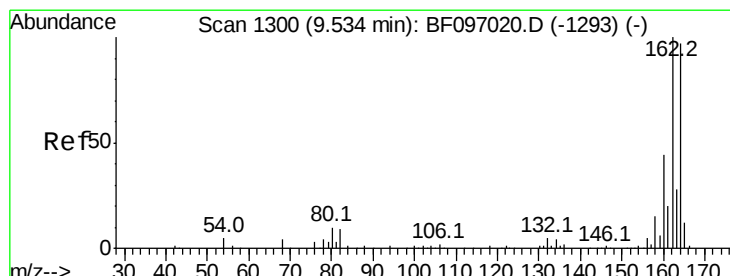
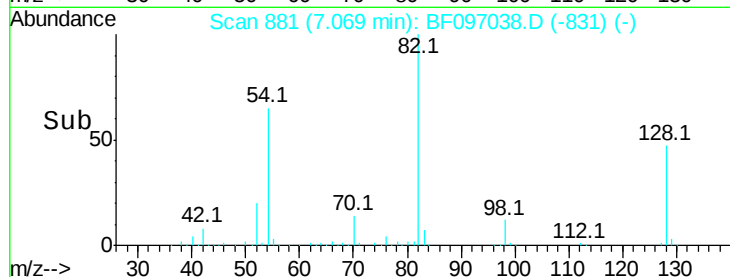
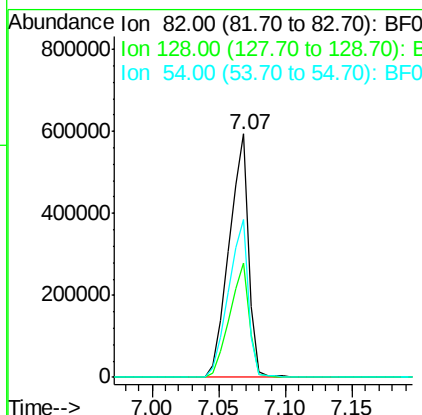
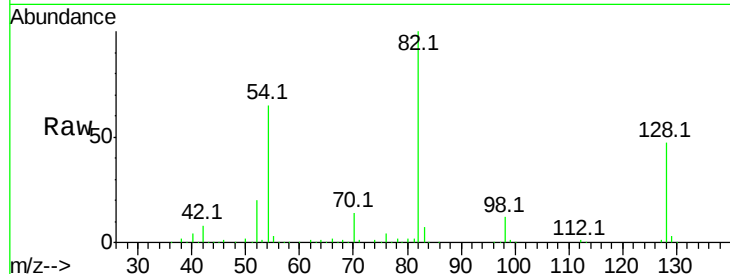




#23
Nitrobenzene-d5
Concen: 62.386 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097038.D
Acq: 25 Jul 2017 19:30

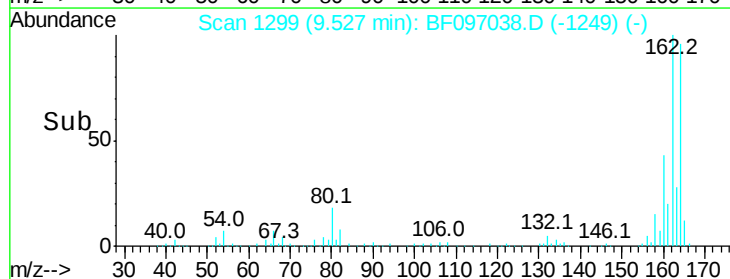
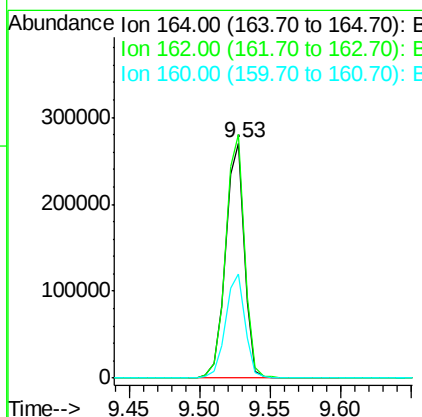
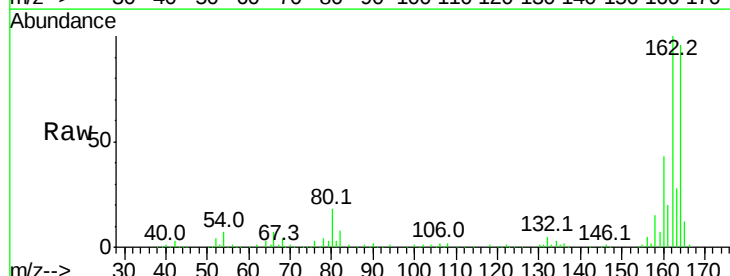
Instrument :
BNA_F
ClientSampleId :
MW-4-20170720

Tot Ion: 82 Resp: 616894
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 64.6 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097038.D
Acq: 25 Jul 2017 19:30

Tgt Ion:164 Resp: 250216
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 44.4 36.2 54.2

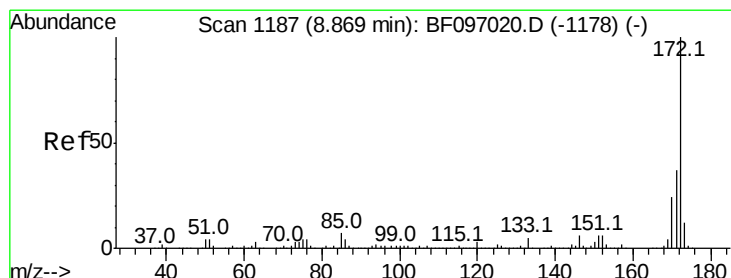
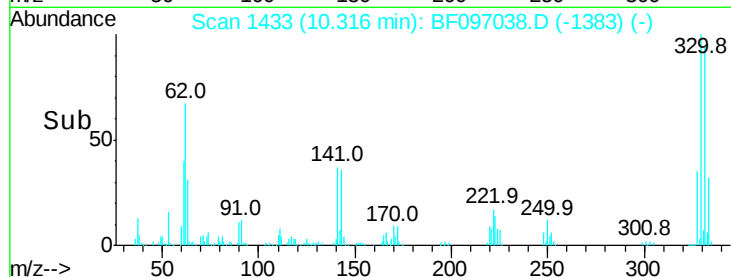
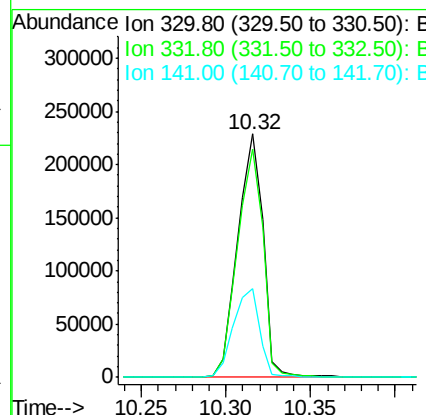
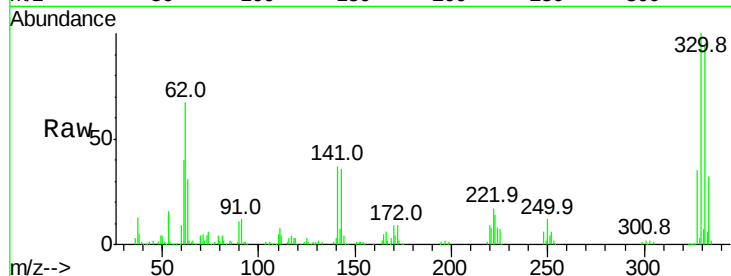




#41
 2,4,6-Tribromophenol
 Concen: 121.276 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097038.D
 Acq: 25 Jul 2017 19:30

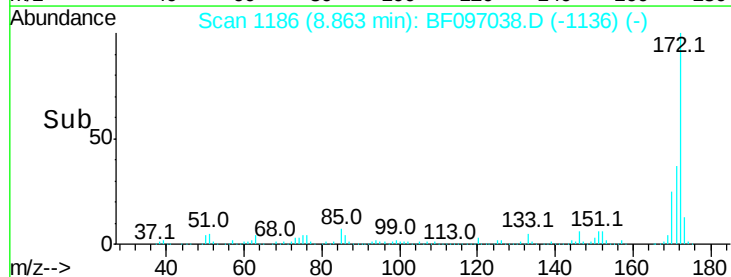
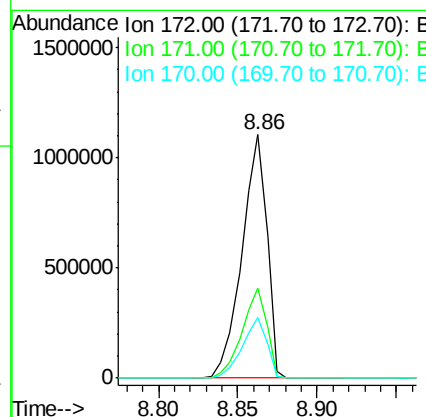
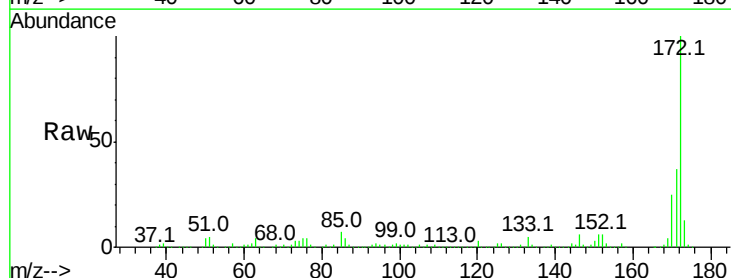
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20170720

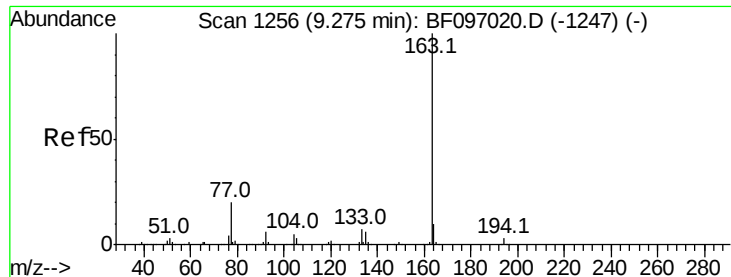
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	37.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 81.501 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097038.D
 Acq: 25 Jul 2017 19:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.7	19.8	29.8

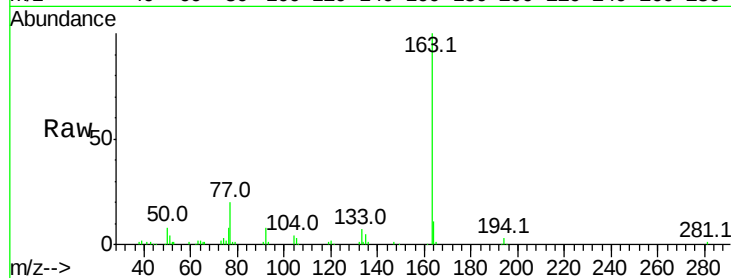




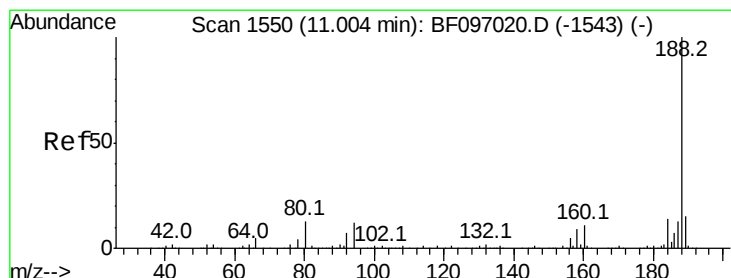
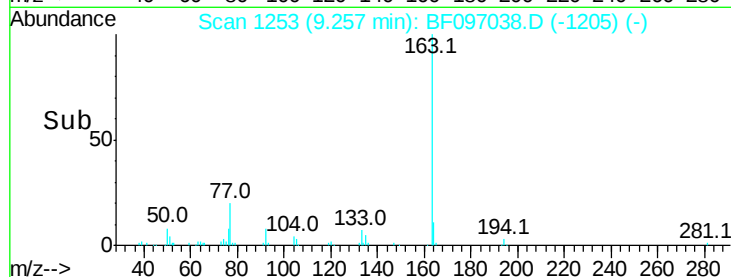
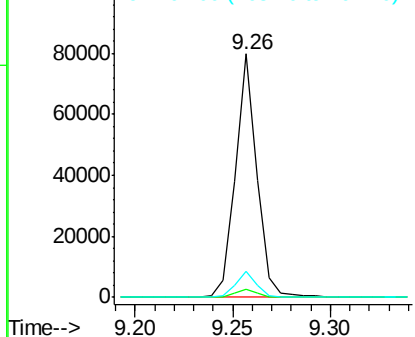
#49
Dimethylphthalate
Concen: 3.195 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097038.D
Acq: 25 Jul 2017 19:30

Instrument :
BNA_F
ClientSampleId :
MW-4-20170720

Tot Ion:163 Resp: 60716
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.9 8.4 12.6

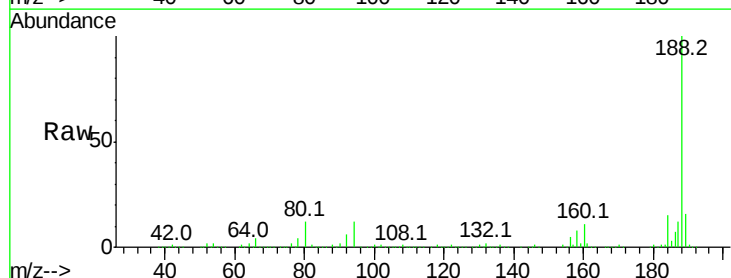


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

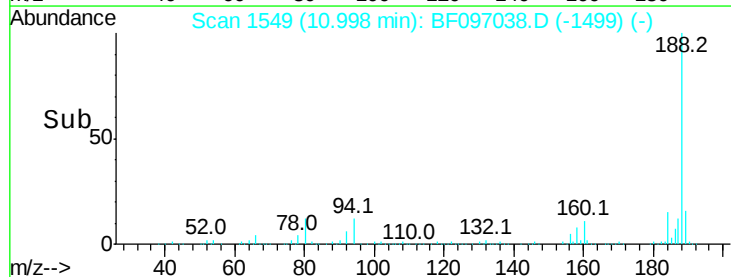
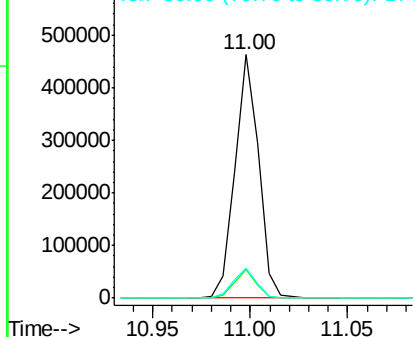


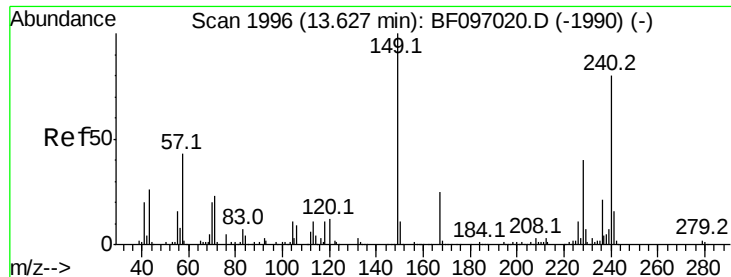
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097038.D
Acq: 25 Jul 2017 19:30

Tgt Ion:188 Resp: 388332
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.1 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: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097038.D

Acq: 25 Jul 2017 19:30

Instrument :

BNA_F

ClientSampleId :

MW-4-20170720

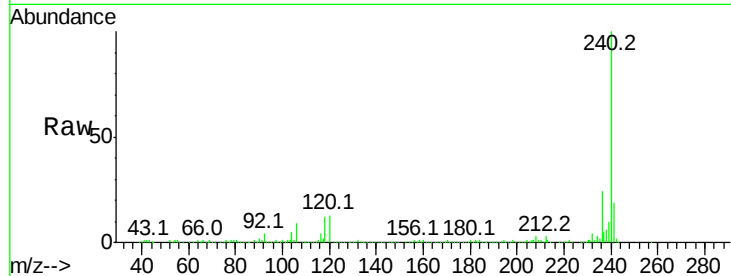
Tot Ion:240 Resp: 232390

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

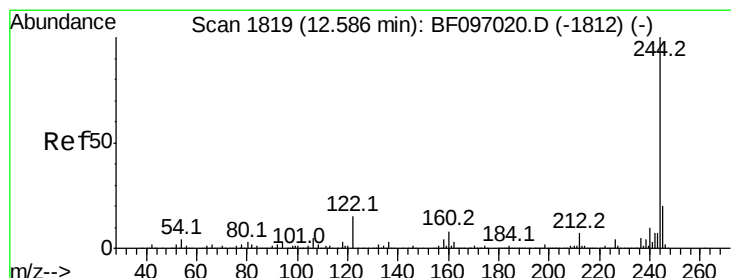
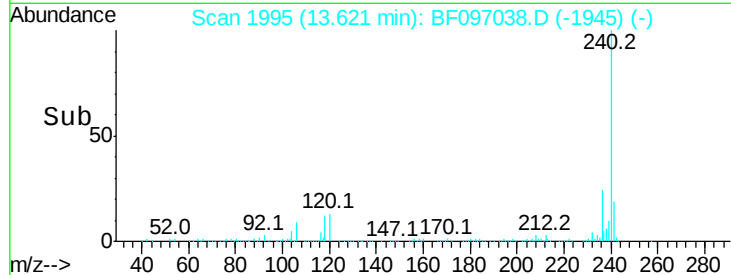
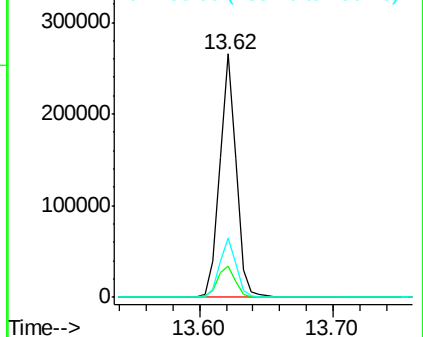
236 24.3 20.5 30.7



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: 80.222 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097038.D

Acq: 25 Jul 2017 19:30

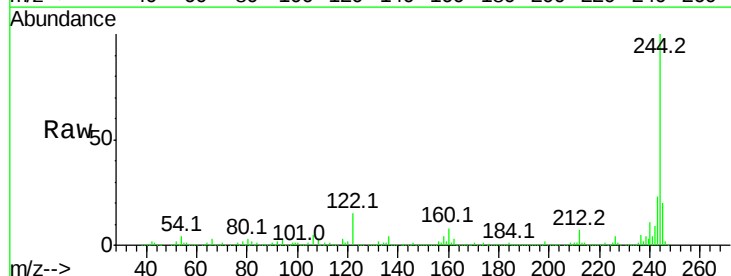
Tgt Ion:244 Resp: 914372

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

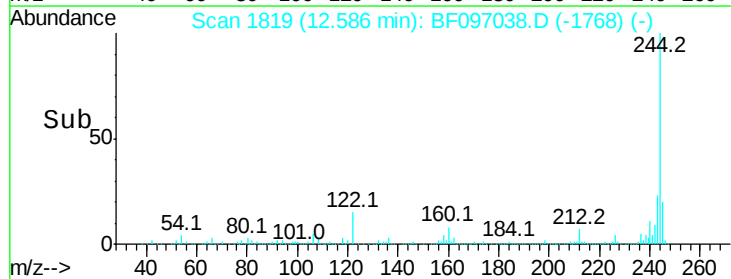
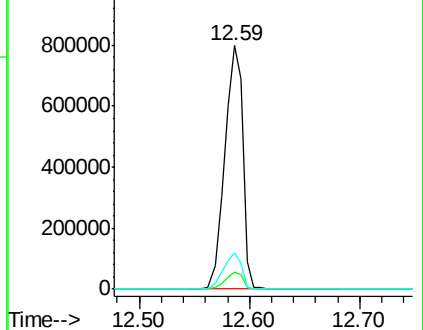
122 15.0 10.3 15.5

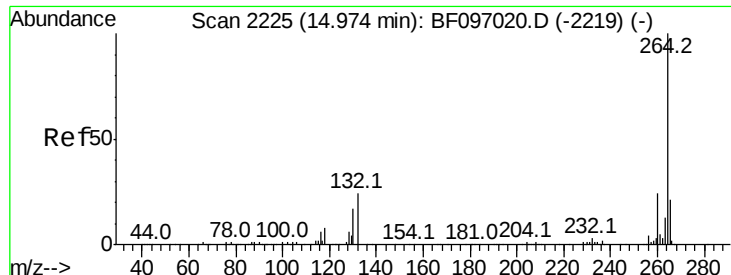


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

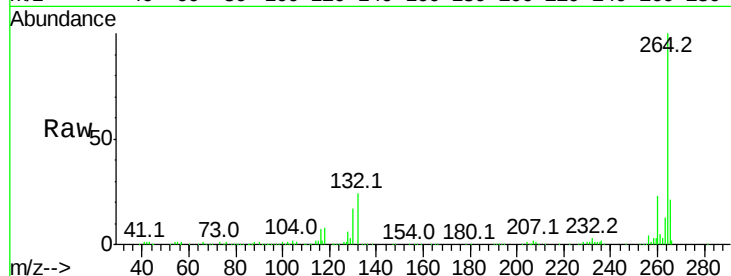




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF097038.D
 Acq: 25 Jul 2017 19:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20170720

Tot Ion:	264	Resp:	160091
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.7	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

