

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097162.D
 Acq On : 28 Jul 2017 19:08
 Operator : SJ/JU
 Sample : I4432-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Jul 28 23:06:26 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

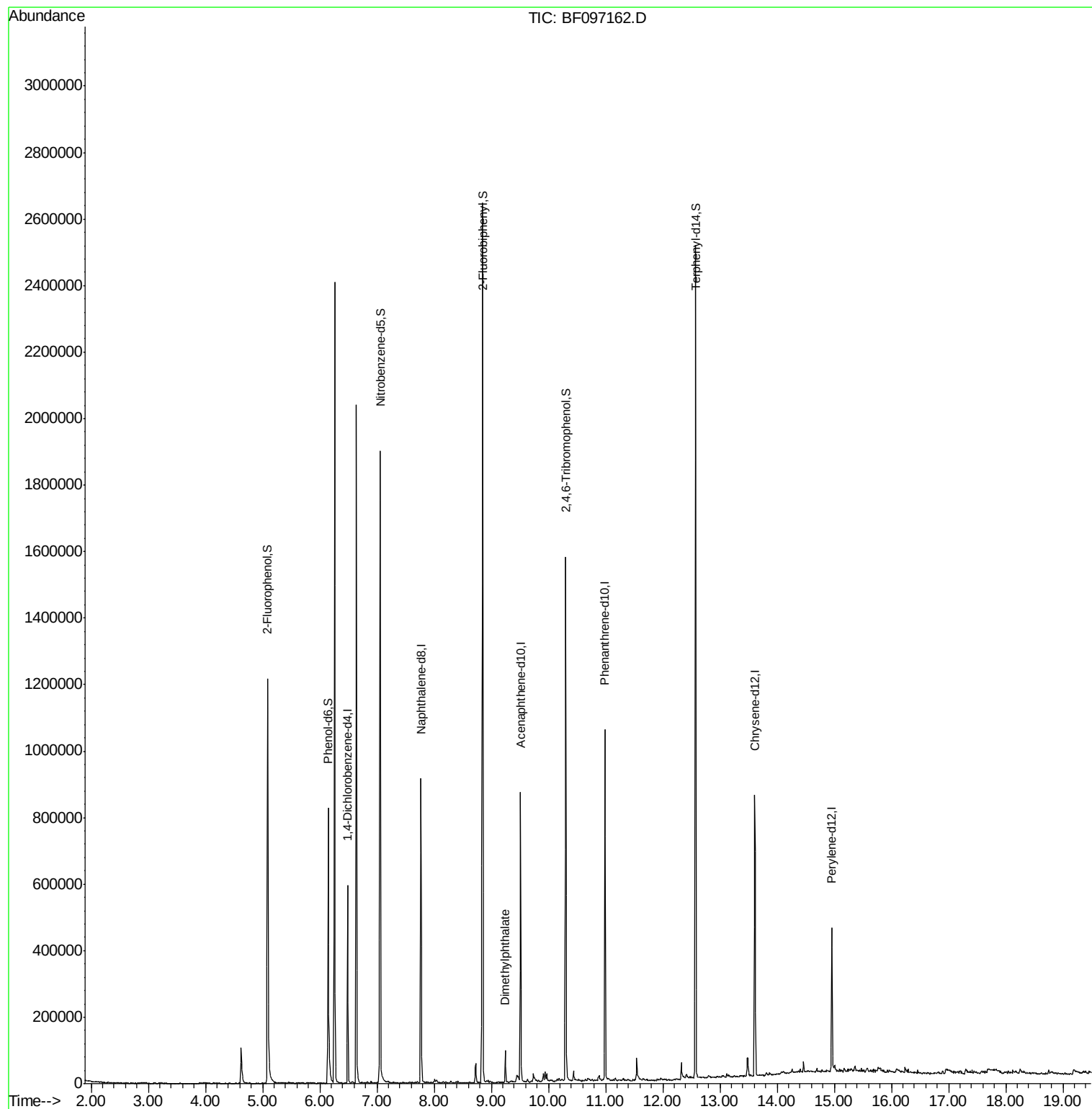
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	91673	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	416061	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	184333	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	346212	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	280040	20.00	ng	-0.02
86) Perylene-d12	14.96	264	172263	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	396084	65.13	ng	-0.01
7) Phenol-d6	6.15	99	297561	42.86	ng	-0.02
23) Nitrobenzene-d5	7.06	82	652233	91.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	183134	125.74	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	971093	89.41	ng	-0.02
78) Terphenyl-d14	12.57	244	880279	64.09	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.25	163	34999	2.500	ng	99

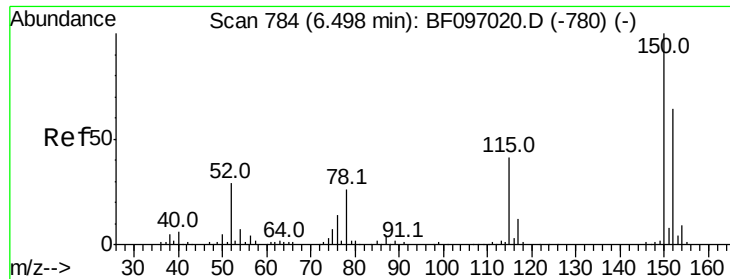
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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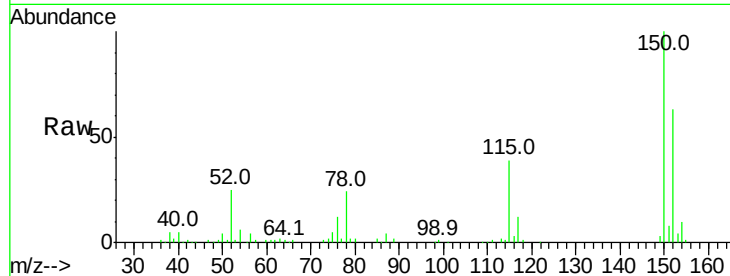


#1

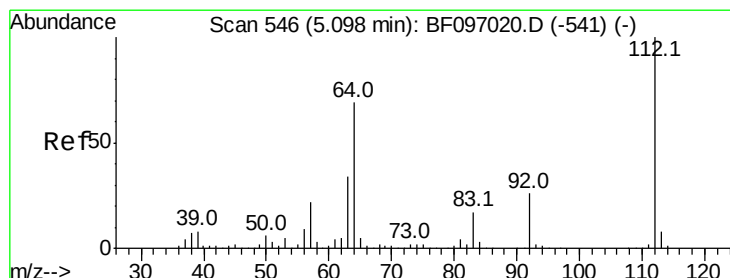
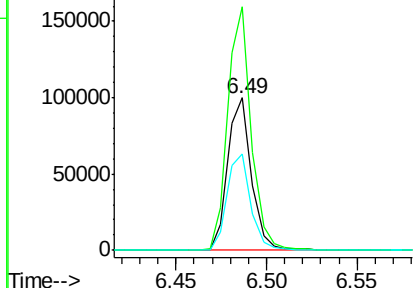
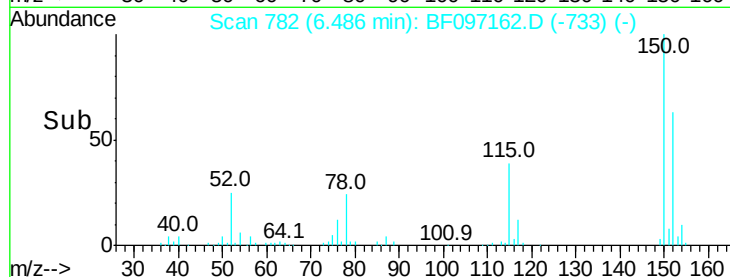
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097162.D
Acq: 28 Jul 2017 19:08

Instrument :
BNA_F
ClientSampleId :
MW-5

Tot Ion:152 Resp: 91673
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 63.1 52.2 78.2



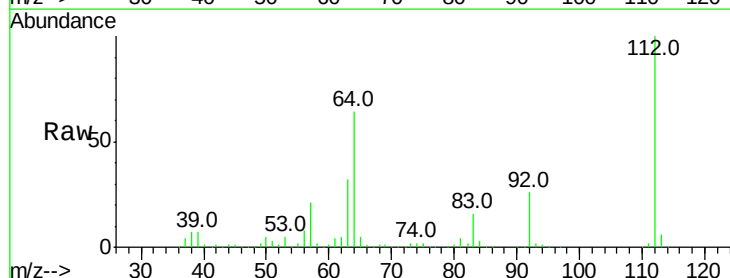
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



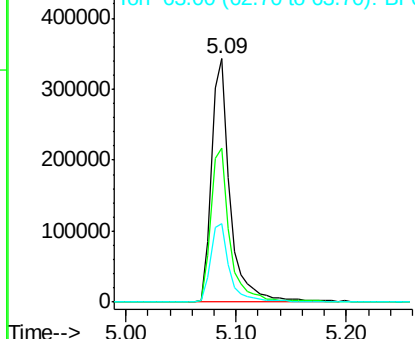
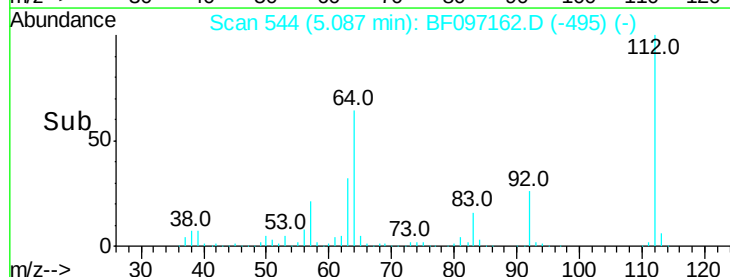
#5

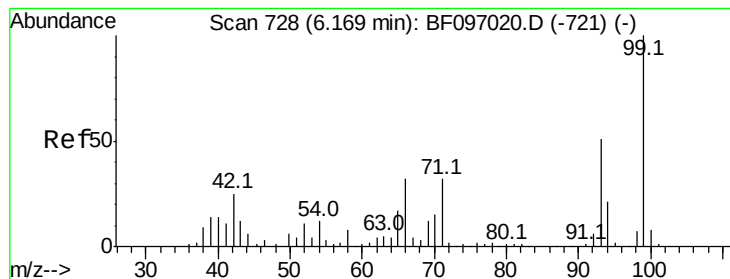
2-Fluorophenol
Concen: 65.133 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097162.D
Acq: 28 Jul 2017 19:08

Tgt Ion:112 Resp: 396084
Ion Ratio Lower Upper
112 100
64 63.5 46.0 69.0
63 32.4 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: 42.861 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097162.D

Acq: 28 Jul 2017 19:08

Instrument :

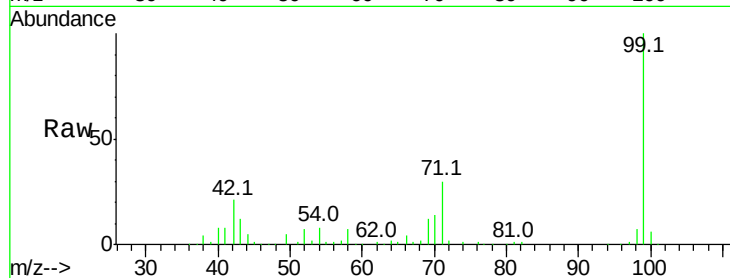
BNA_F

ClientSampleId :

MW-5

Tot Ion: 99 Resp: 297561

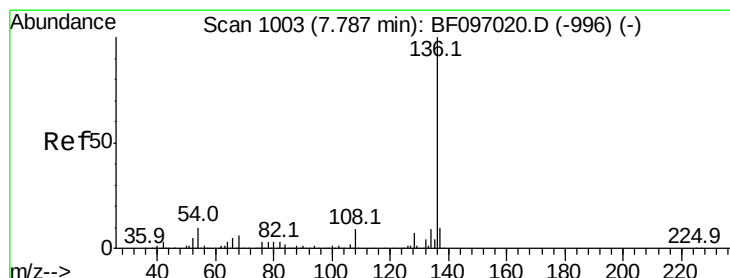
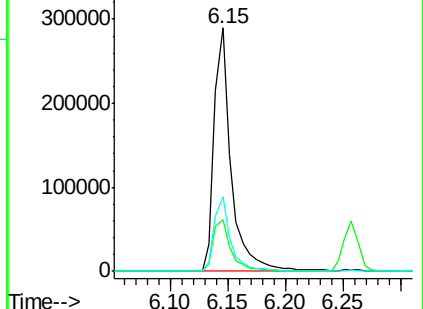
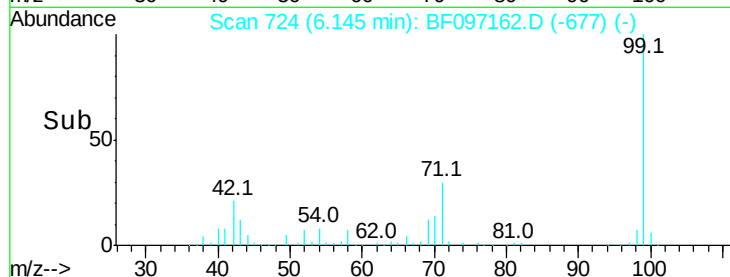
Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.5	20.3#
71	30.5	24.5	36.7



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

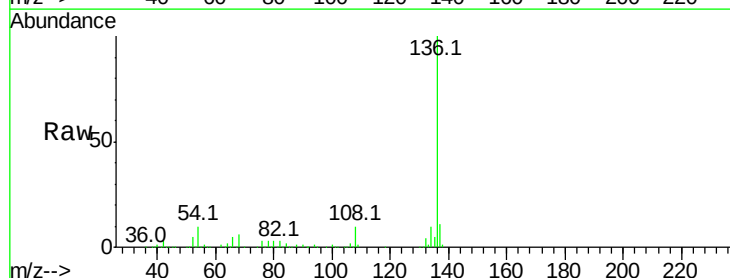
Delta R.T. -0.02 min

Lab File: BF097162.D

Acq: 28 Jul 2017 19:08

Tgt Ion: 136 Resp: 416061

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.0	4.9	7.3#
68	5.6	4.1	6.1

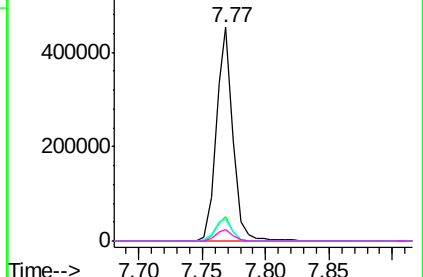
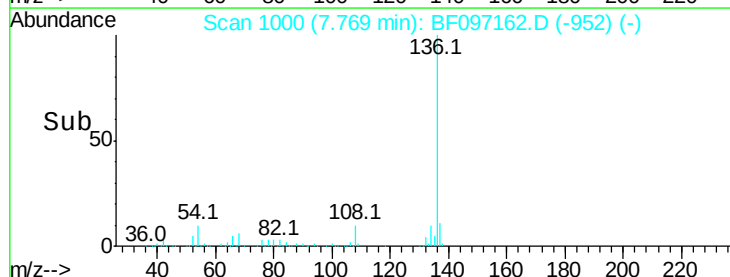


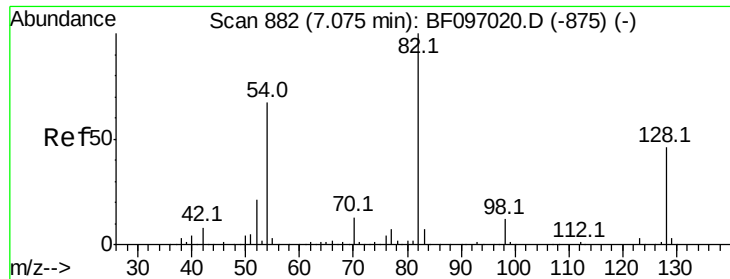
Abundance Ion 136.00 (135.70 to 136.70): E

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

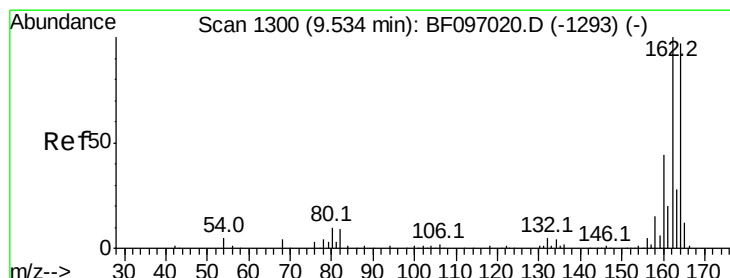
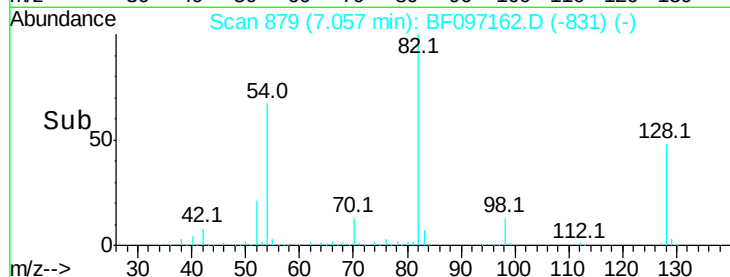
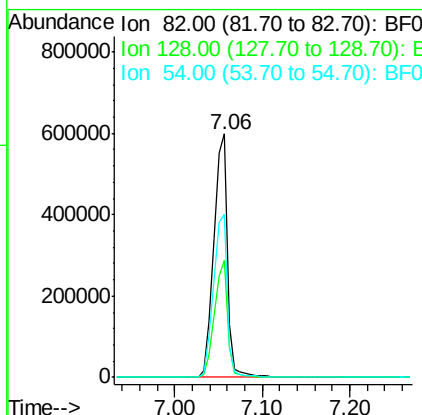
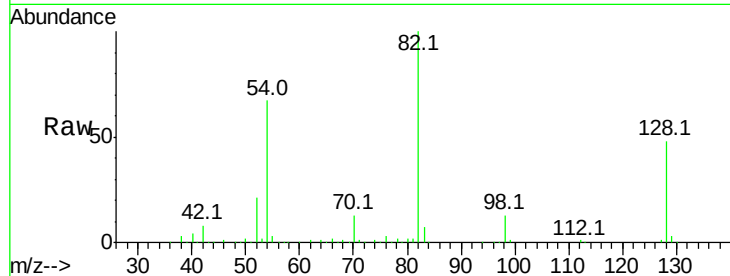




#23
 Nitrobenzene-d5
 Concen: 91.964 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097162.D
 Acq: 28 Jul 2017 19:08

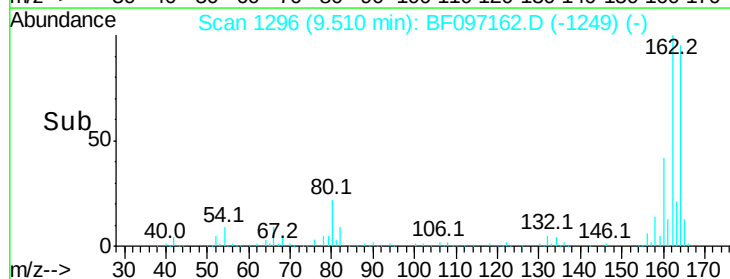
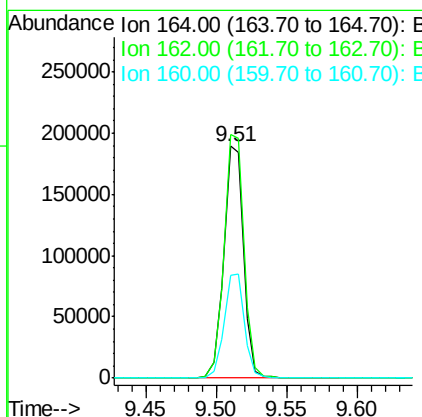
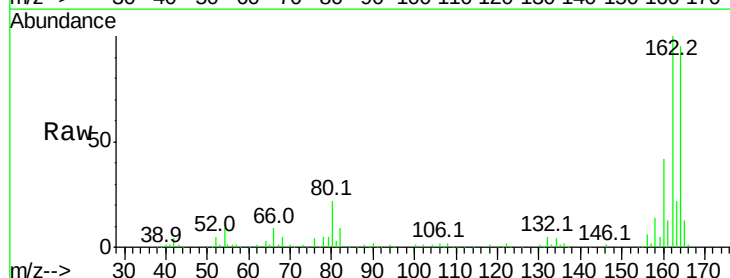
Instrument :
 BNA_F
 ClientSampled :
 MW-5

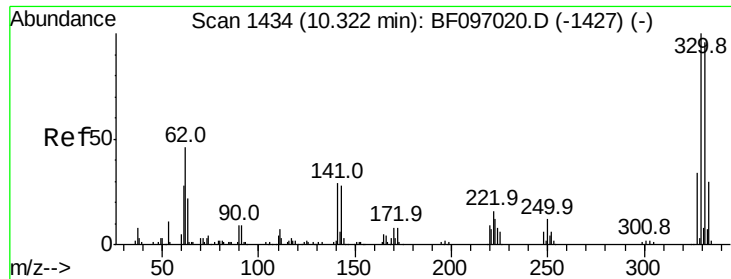
Tot Ion: 82 Resp: 652233
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 67.1 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF097162.D
 Acq: 28 Jul 2017 19:08

Tgt Ion: 164 Resp: 184333
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.6 123.8
 160 44.4 36.2 54.2

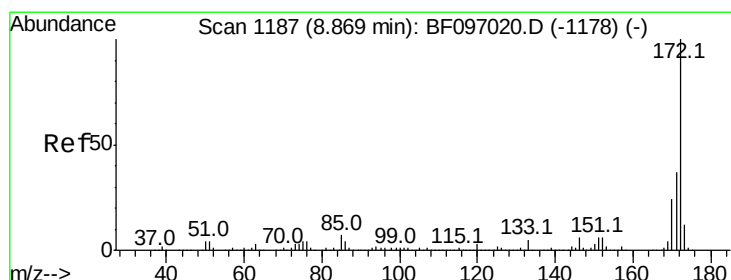
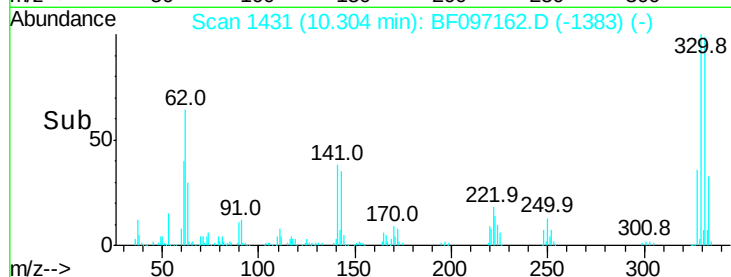
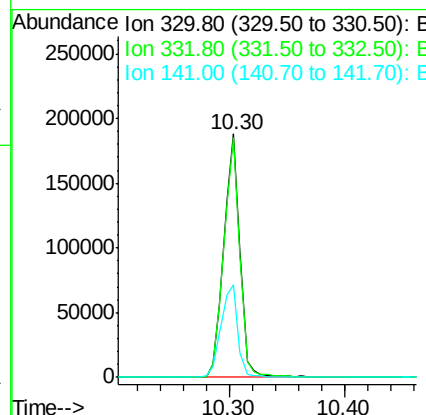
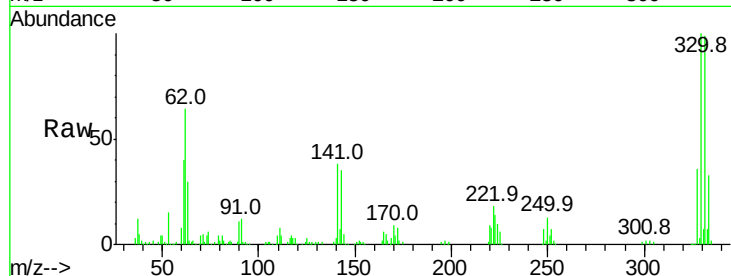




#41
 2,4,6-Tribromophenol
 Concen: 125.744 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097162.D
 Acq: 28 Jul 2017 19:08

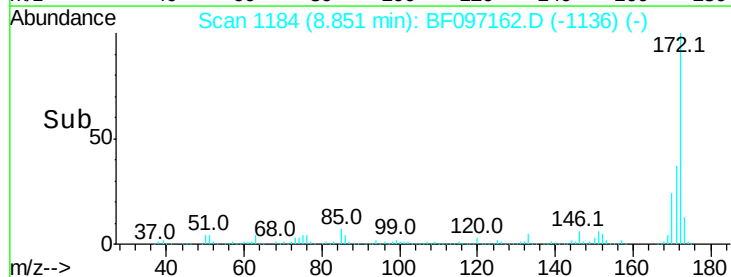
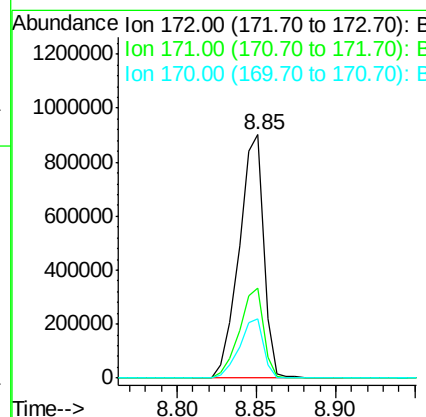
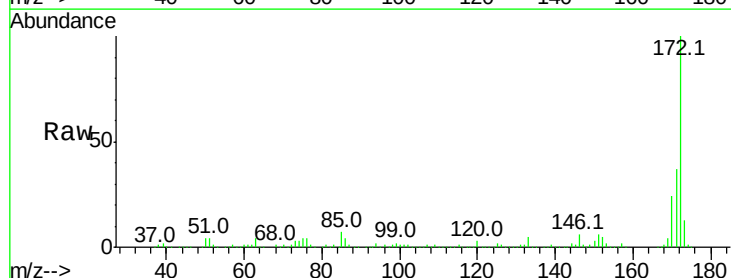
Instrument :
 BNA_F
 ClientSampled :
 MW-5

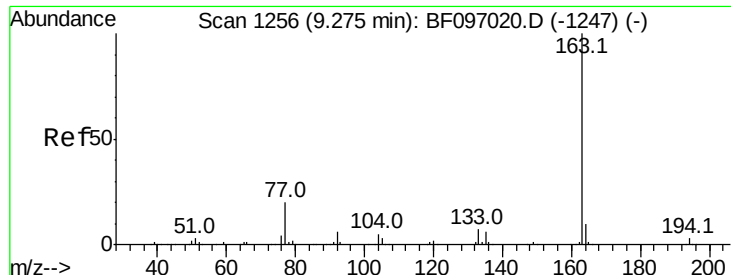
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	39.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 89.406 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097162.D
 Acq: 28 Jul 2017 19:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.4	19.8	29.8

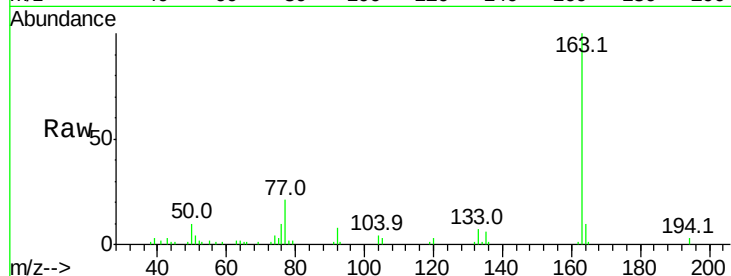




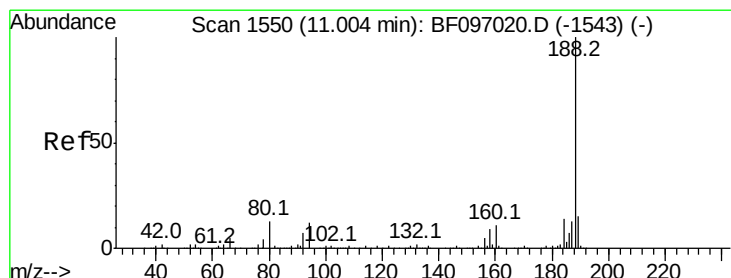
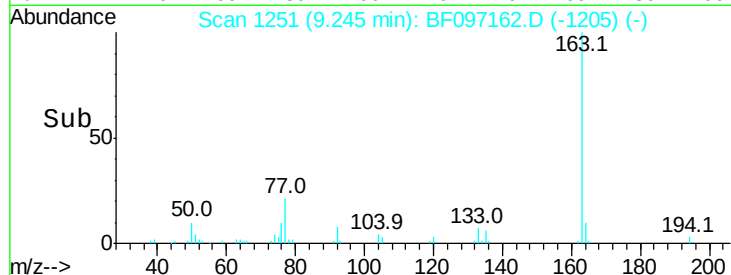
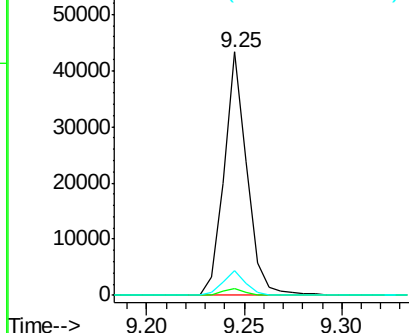
#49
Dimethylphthalate
Concen: 2.500 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097162.D
Acq: 28 Jul 2017 19:08

Instrument :
BNA_F
ClientSampleId :
MW-5

Tot Ion:163 Resp: 34999
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 10.0 8.4 12.6

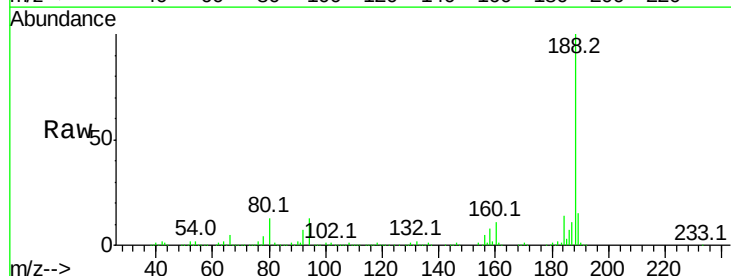


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

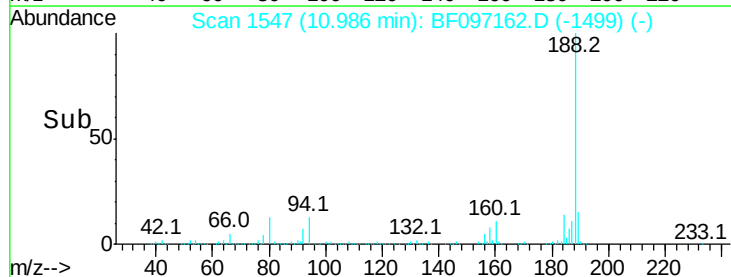
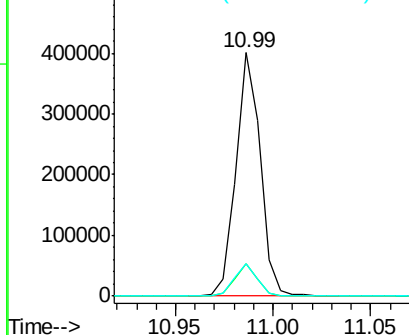


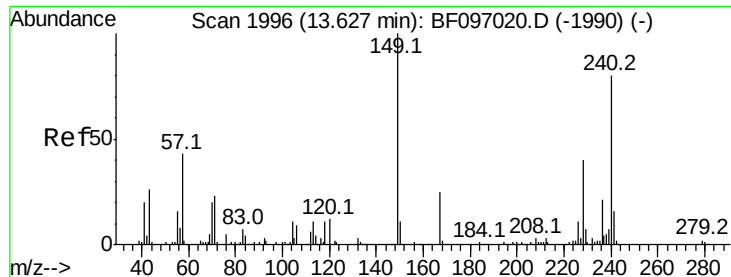
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097162.D
Acq: 28 Jul 2017 19:08

Tgt Ion:188 Resp: 346212
Ion Ratio Lower Upper
188 100
94 13.1 9.4 14.2
80 13.3 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: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097162.D

Acq: 28 Jul 2017 19:08

Instrument :

BNA_F

ClientSampleId :

MW-5

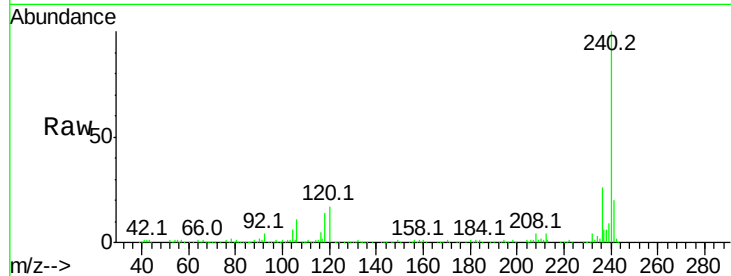
Tot Ion:240 Resp: 280040

Ion Ratio Lower Upper

240 100

120 16.5 5.8 8.8#

236 26.4 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

13.61

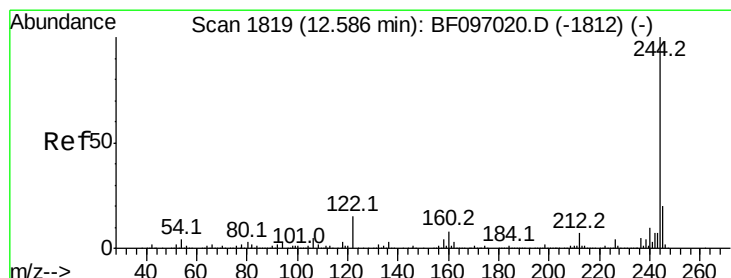
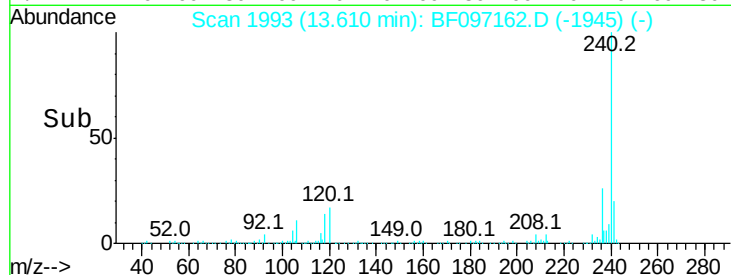
300000

200000

100000

0

Time-->



#78

Terphenyl-d14

Concen: 64.089 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097162.D

Acq: 28 Jul 2017 19:08

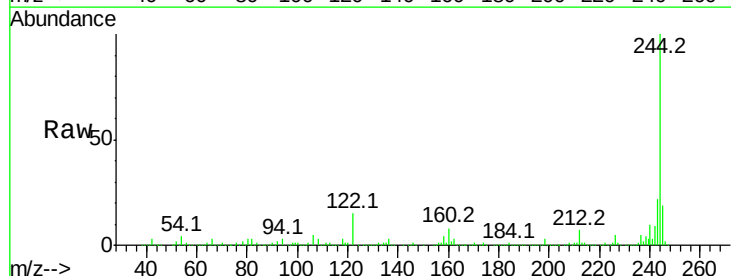
Tgt Ion:244 Resp: 880279

Ion Ratio Lower Upper

244 100

212 6.8 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

12.57

1000000

800000

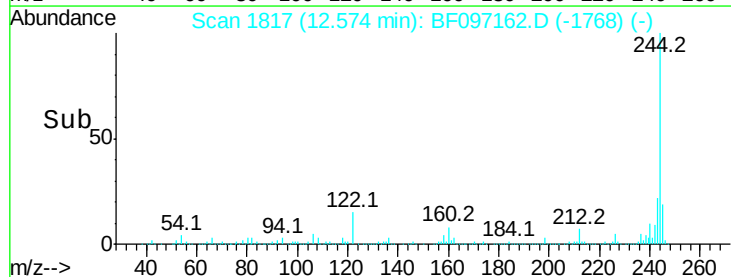
600000

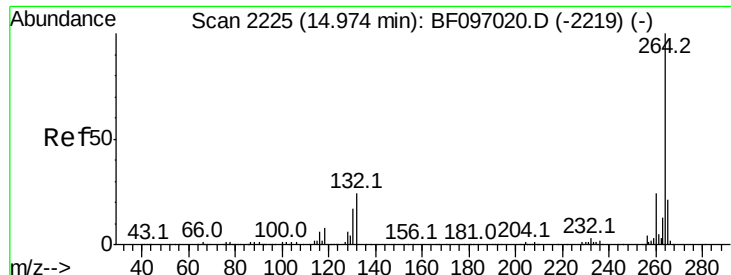
400000

200000

0

Time-->

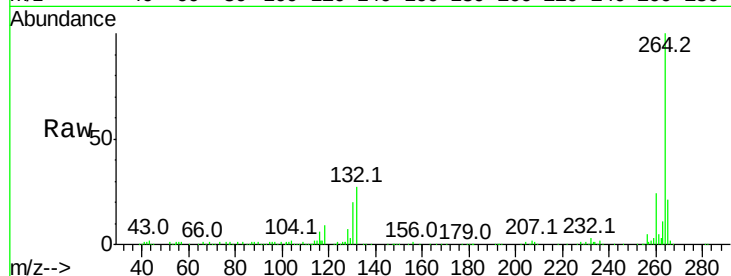




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF097162.D
 Acq: 28 Jul 2017 19:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.0	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

