

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097035.D
 Acq On : 25 Jul 2017 18:07
 Operator : SJ/JU
 Sample : I4369-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20170720

Quant Time: Jul 26 01:31:08 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	127645	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	473141	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	236445	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	401286	20.00	ng	0.00
75) Chrysene-d12	13.62	240	286108	20.00	ng	0.00
86) Perylene-d12	14.97	264	188526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	85173	10.06	ng	0.01
7) Phenol-d6	6.16	99	85323	8.83	ng	-0.01
23) Nitrobenzene-d5	7.07	82	711184	88.18	ng	0.00
41) 2,4,6-Tribromophenol	10.31	330	29073	15.56	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	1188005	85.27	ng	0.00
78) Terphenyl-d14	12.59	244	963447	68.66	ng	0.00

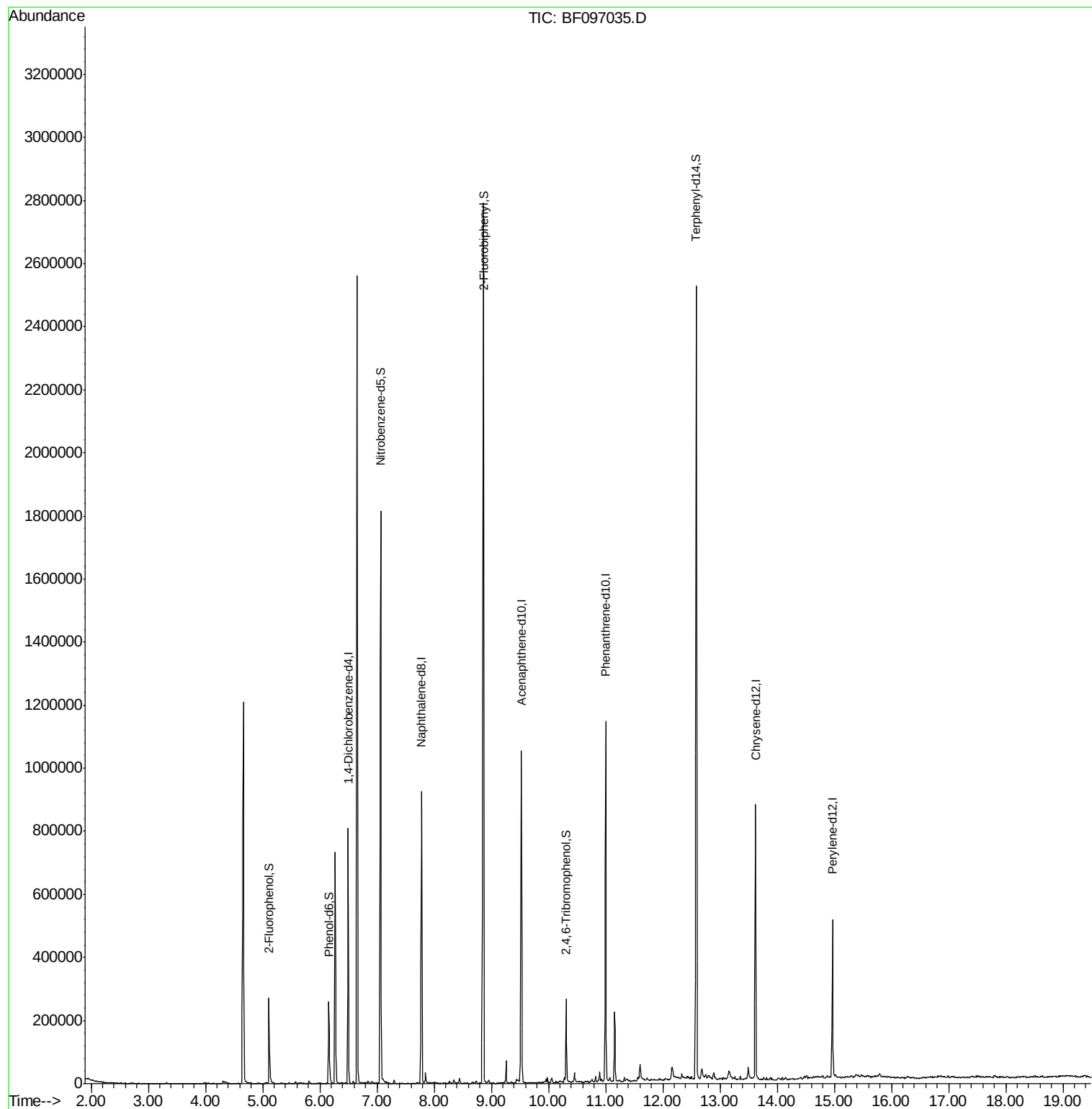
Target Compounds Qvalue

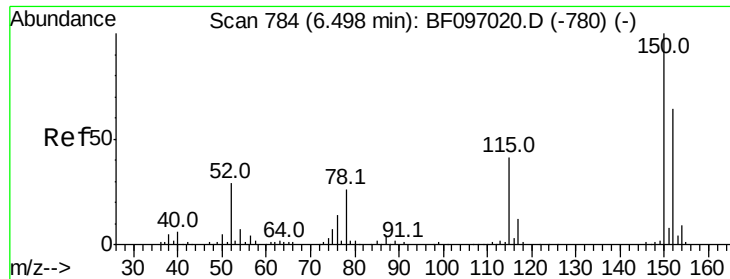
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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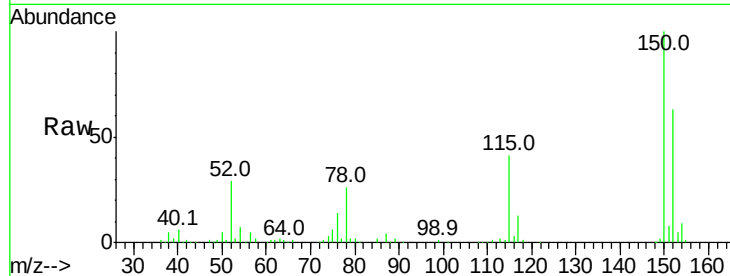


#1

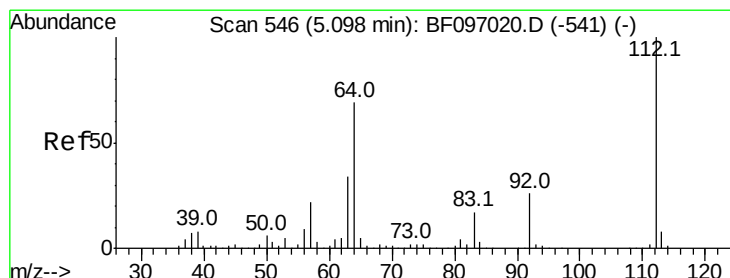
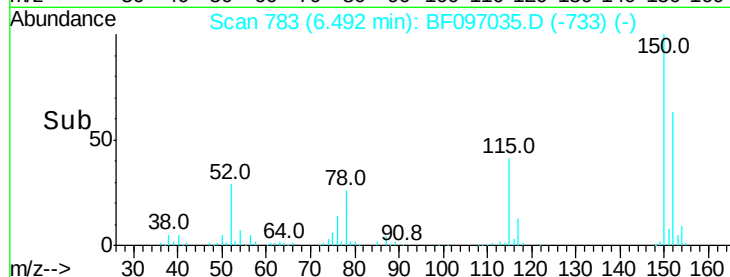
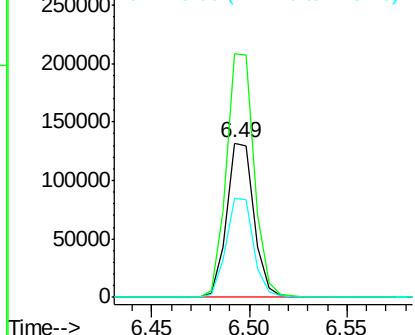
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097035.D
Acq: 25 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :
MW-1-20170720

Tot Ion:152 Resp: 127645
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 64.4 52.2 78.2



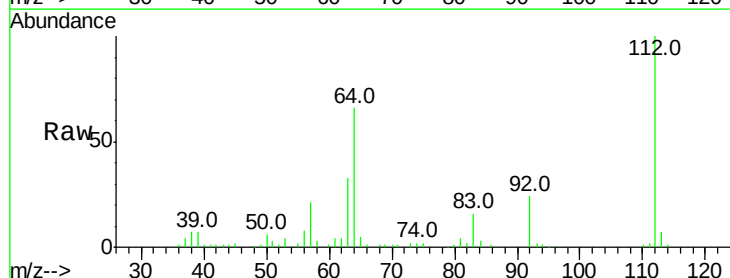
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



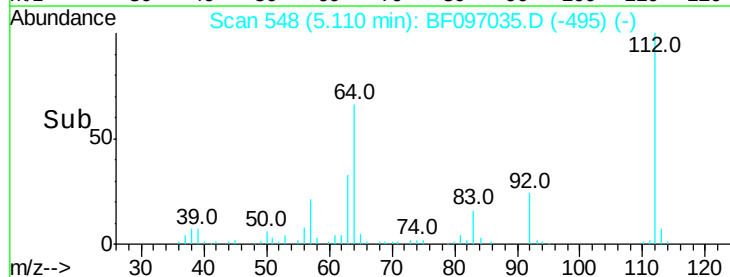
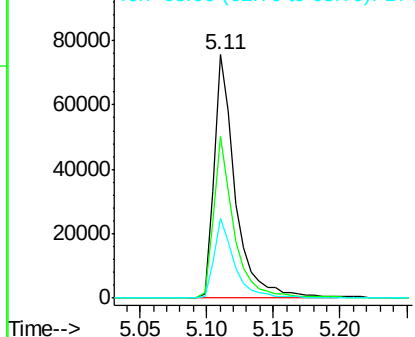
#5

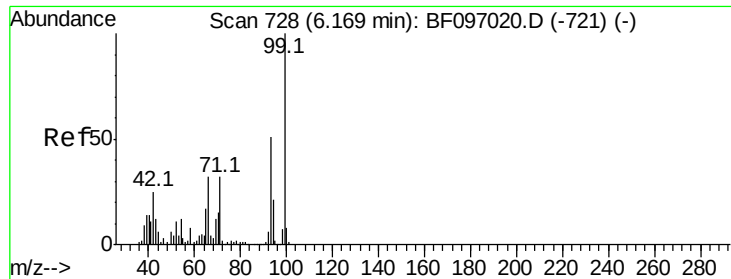
2-Fluorophenol
Concen: 10.059 ng
RT: 5.11 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097035.D
Acq: 25 Jul 2017 18:07

Tgt Ion:112 Resp: 85173
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 32.6 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: 8.827 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097035.D

Acq: 25 Jul 2017 18:07

Instrument :

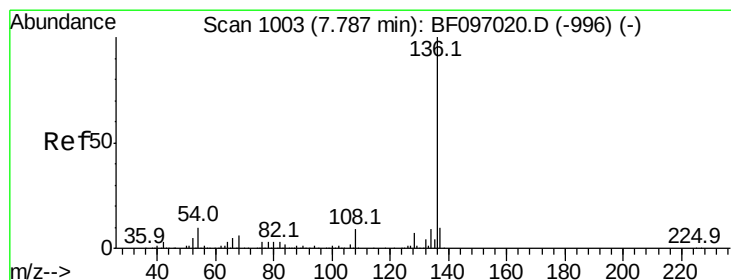
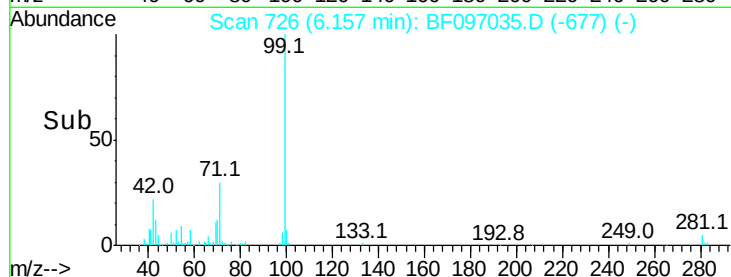
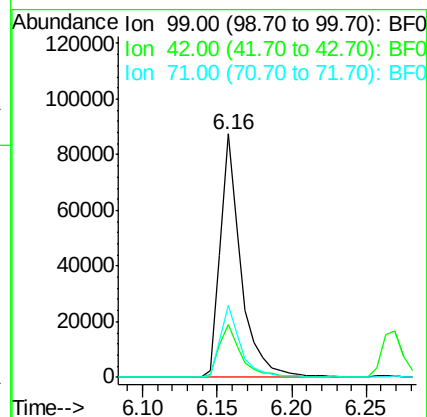
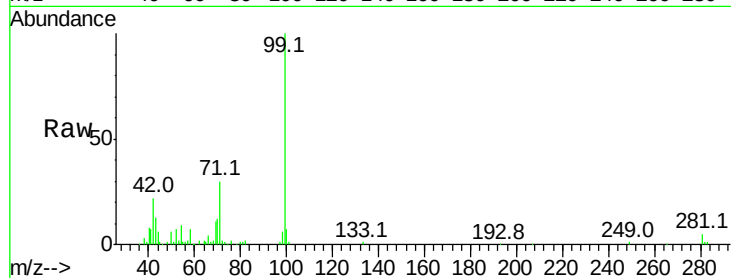
BNA_F

ClientSampleId :

MW-1-20170720

Tot Ion: 99 Resp: 85323

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	29.6	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

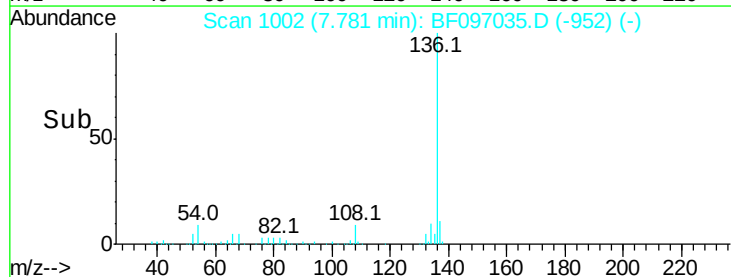
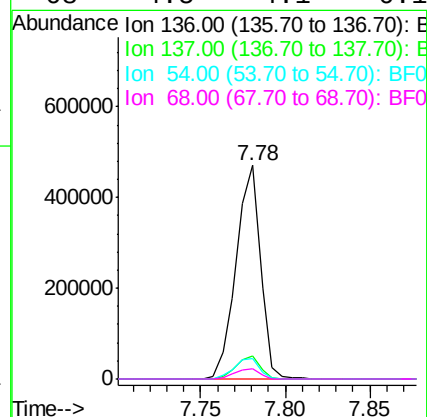
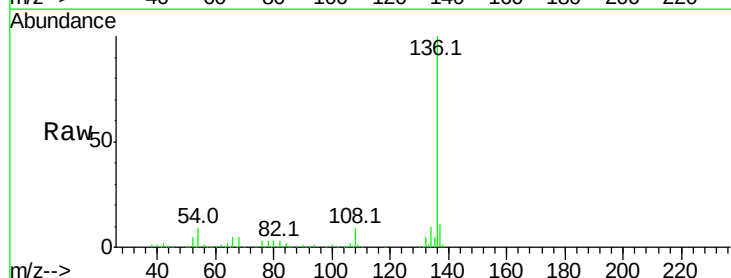
Delta R.T. -0.01 min

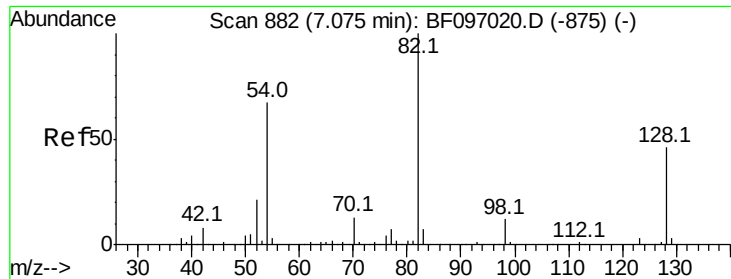
Lab File: BF097035.D

Acq: 25 Jul 2017 18:07

Tgt Ion: 136 Resp: 473141

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.4	4.9	7.3#
68	4.5	4.1	6.1

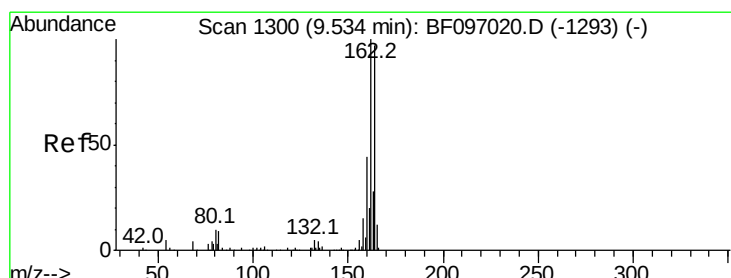
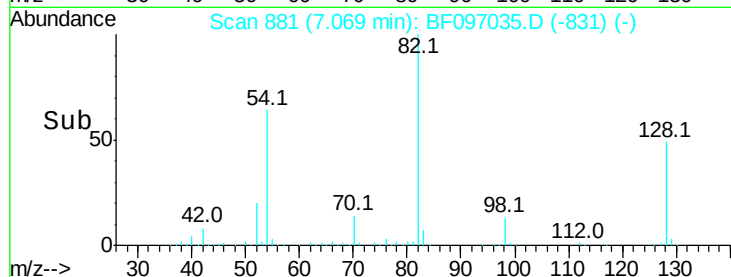
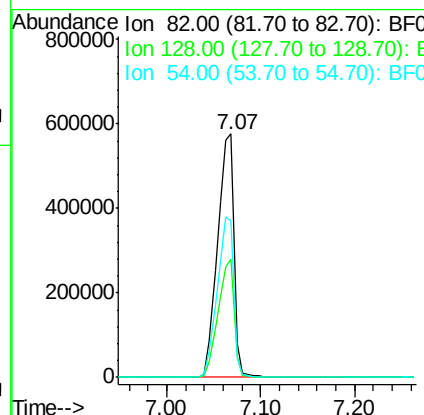
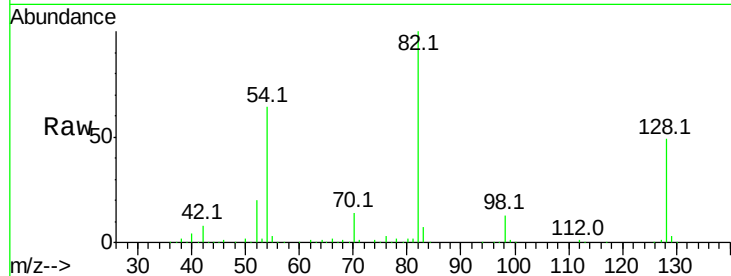




#23
Nitrobenzene-d5
Concen: 88.179 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097035.D
Acq: 25 Jul 2017 18:07

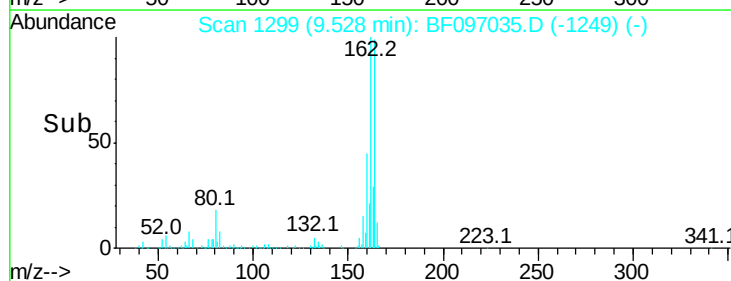
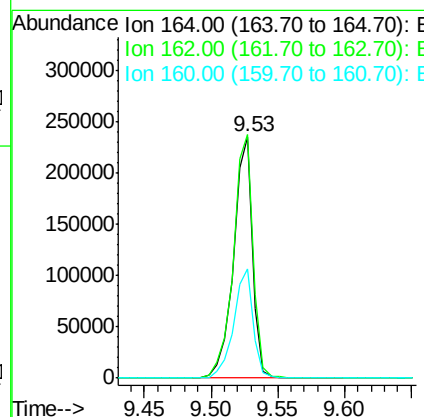
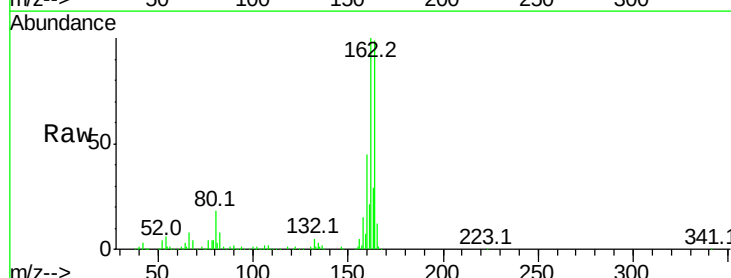
Instrument :
BNA_F
ClientSampleId :
MW-1-20170720

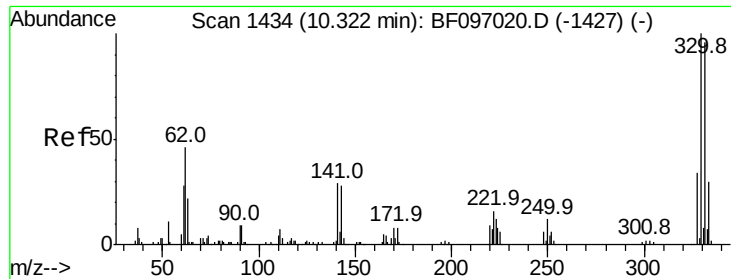
Tot Ion: 82 Resp: 711184
Ion Ratio Lower Upper
82 100
128 48.8 34.0 51.0
54 64.3 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097035.D
Acq: 25 Jul 2017 18:07

Tgt Ion:164 Resp: 236445
Ion Ratio Lower Upper
164 100
162 100.8 82.6 123.8
160 45.0 36.2 54.2

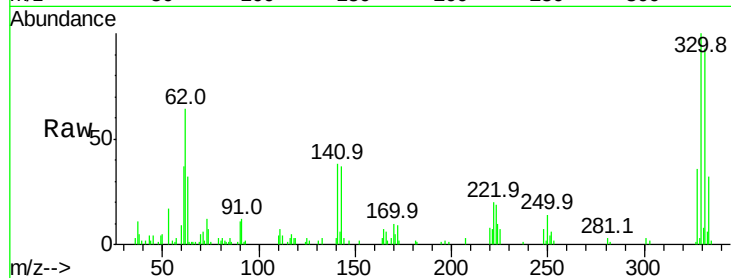




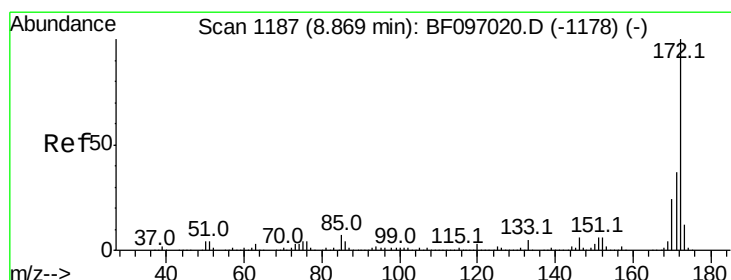
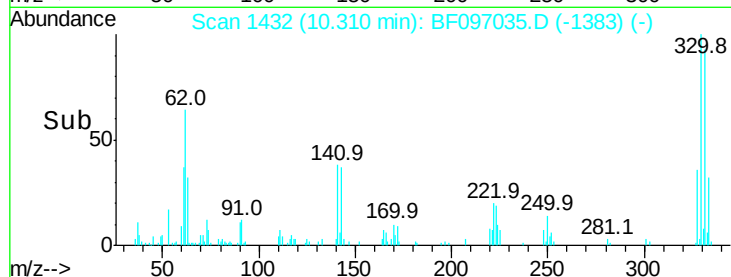
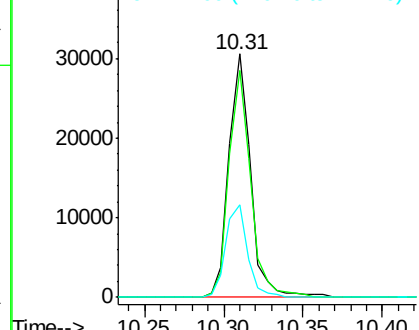
#41
 2,4,6-Tribromophenol
 Concen: 15.563 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097035.D
 Acq: 25 Jul 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20170720

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	115.0
141	38.2	31.4	47.2

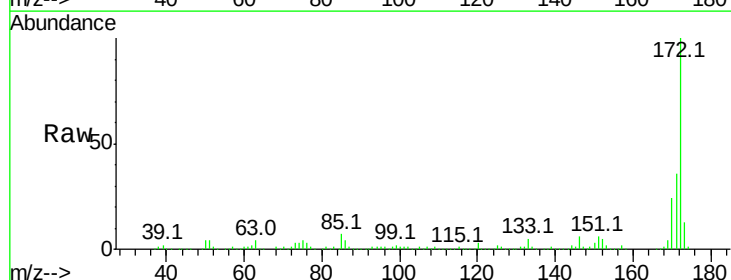


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

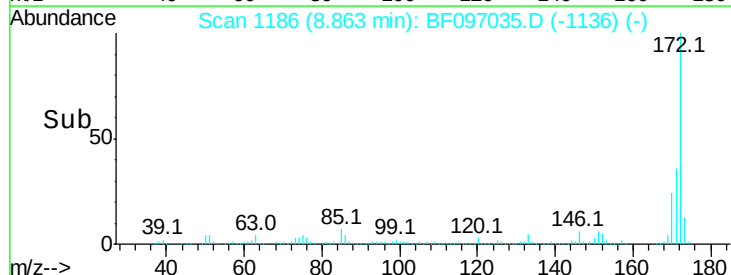
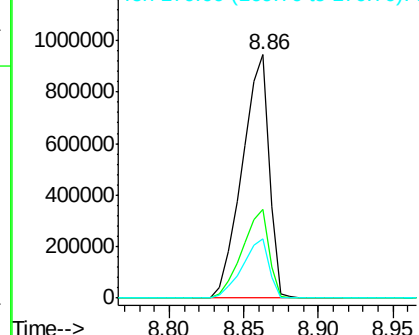


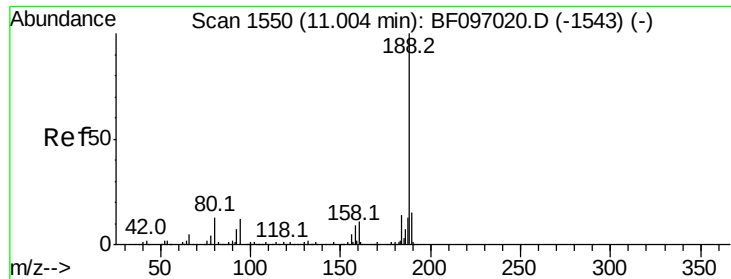
#44
 2-Fluorobiphenyl
 Concen: 85.270 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097035.D
 Acq: 25 Jul 2017 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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

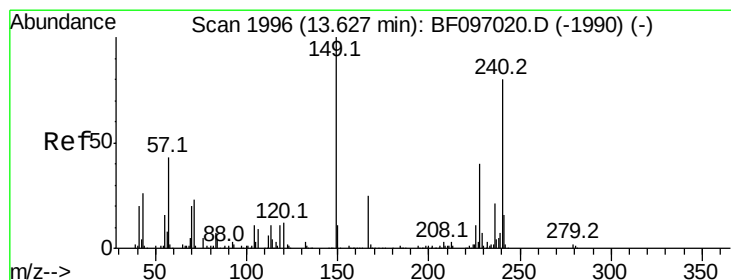
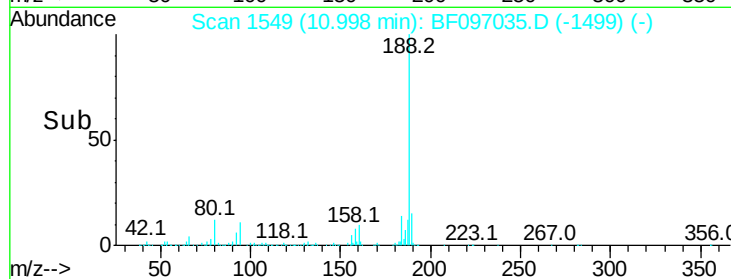
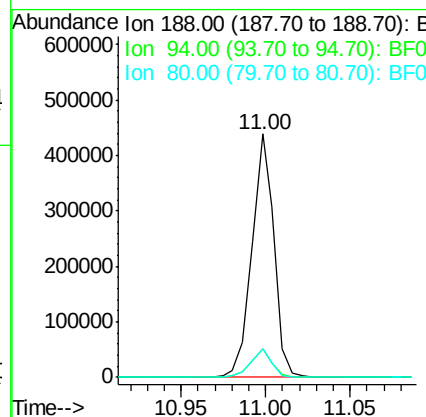
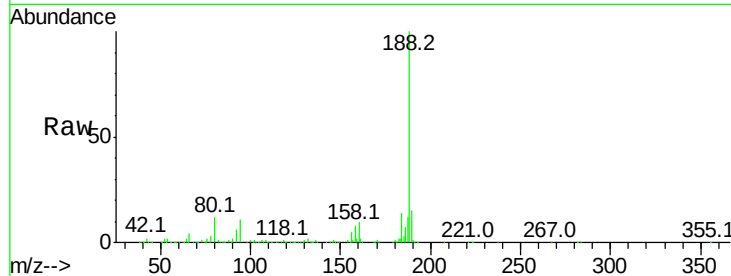




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097035.D
Acq: 25 Jul 2017 18:07

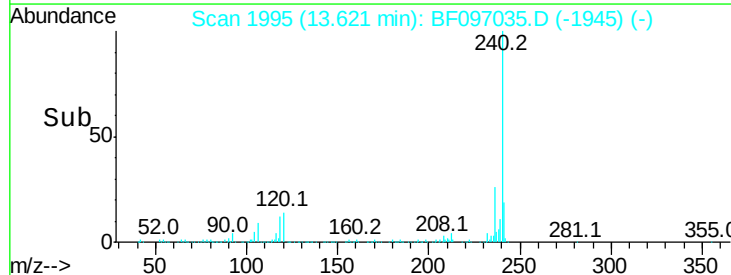
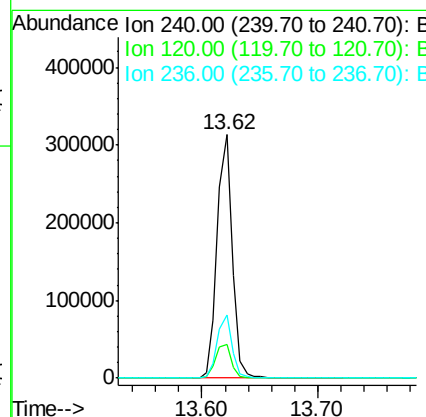
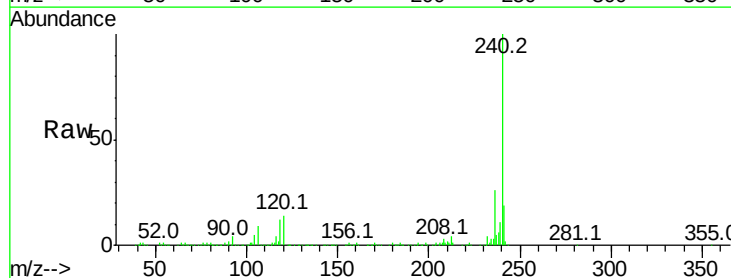
Instrument :
BNA_F
ClientSampleId :
MW-1-20170720

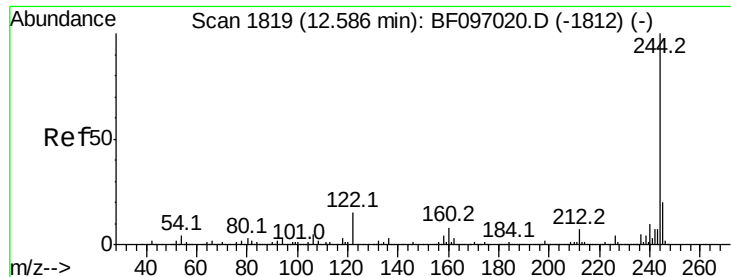
Tot Ion:188 Resp: 401286
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097035.D
Acq: 25 Jul 2017 18:07

Tgt Ion:240 Resp: 286108
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 26.1 20.5 30.7





#78

Terphenyl-d14

Concen: 68.657 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097035.D

Acq: 25 Jul 2017 18:07

Instrument :

BNA_F

ClientSampleId :

MW-1-20170720

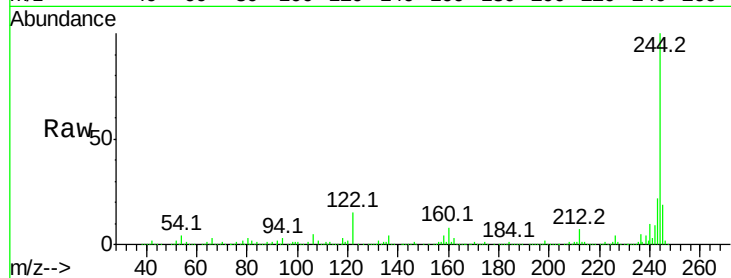
Tot Ion:244 Resp: 963447

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

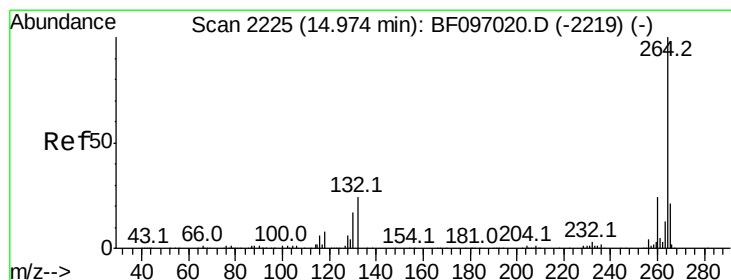
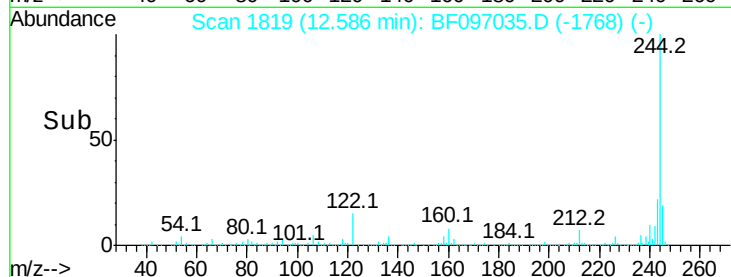
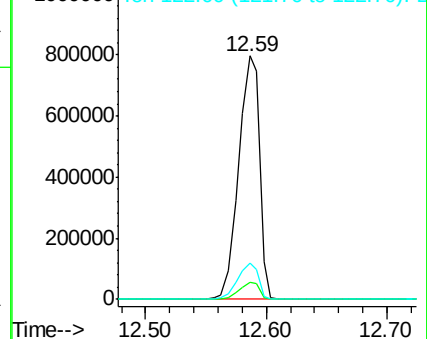
122 15.0 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.97 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF097035.D

Acq: 25 Jul 2017 18:07

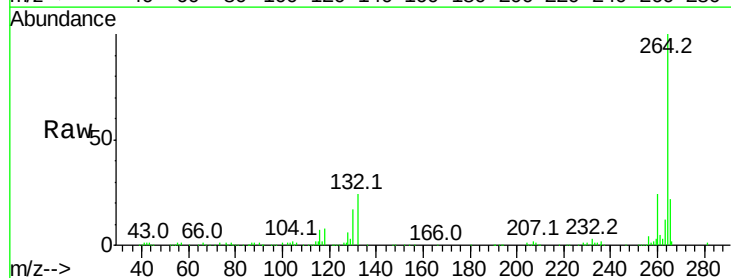
Tgt Ion:264 Resp: 188526

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.5 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

