

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097039.D
 Acq On : 25 Jul 2017 19:58
 Operator : SJ/JU
 Sample : I4369-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-20170720

Quant Time: Jul 26 01:50:35 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	128151	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	526709	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	227938	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	353145	20.00	ng	0.00
75) Chrysene-d12	13.62	240	248112	20.00	ng	0.00
86) Perylene-d12	14.97	264	180799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	437378	51.45	ng	0.00
7) Phenol-d6	6.16	99	319322	32.90	ng	-0.01
23) Nitrobenzene-d5	7.07	82	648395	72.22	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	226979	126.03	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1099138	81.84	ng	0.00
78) Terphenyl-d14	12.59	244	853499	70.14	ng	0.00

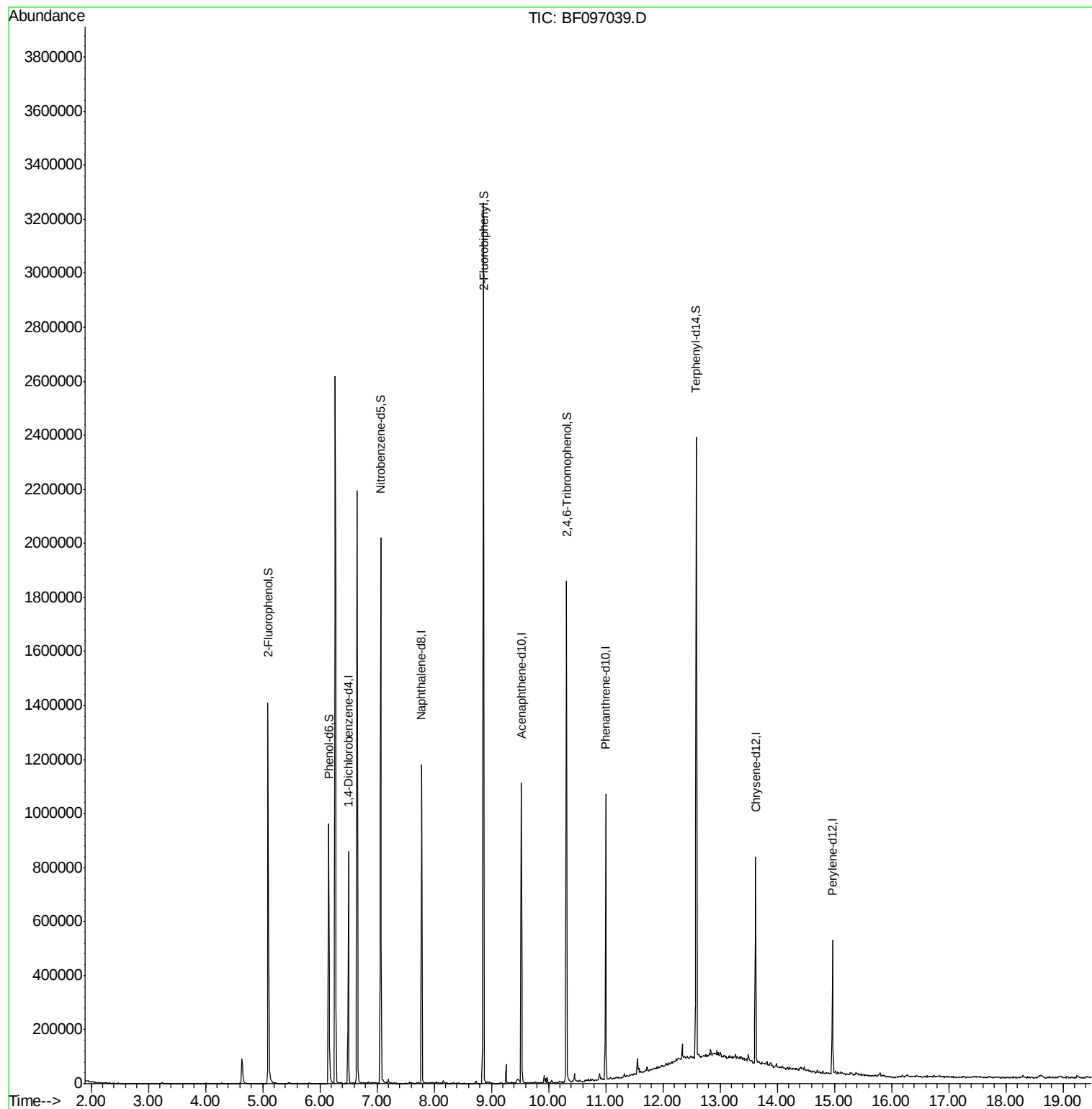
Target Compounds Qvalue

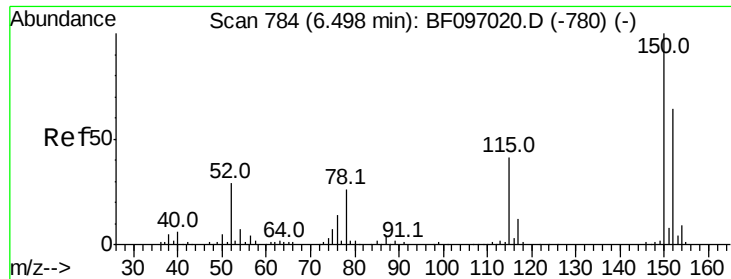
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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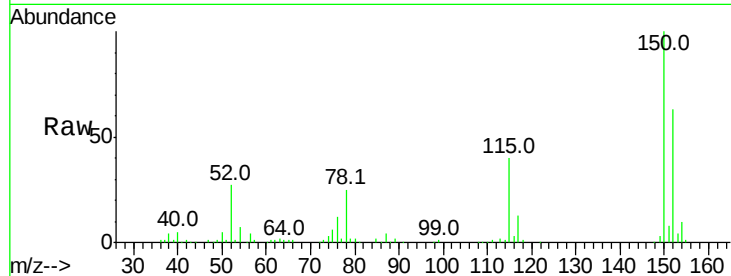


#1

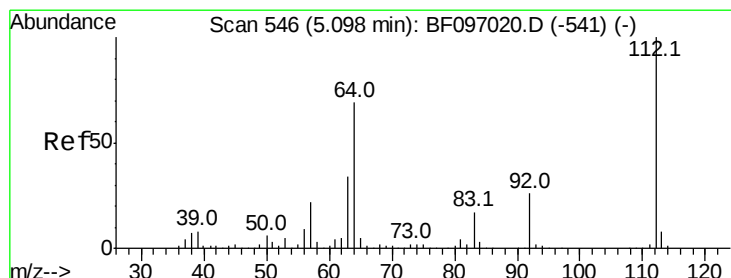
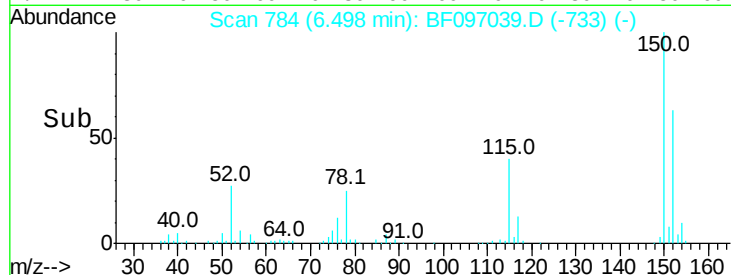
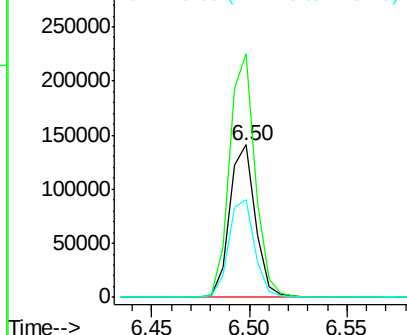
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097039.D
Acq: 25 Jul 2017 19:58

Instrument :
BNA_F
ClientSampleId :
MW-5-20170720

Tot Ion:152 Resp: 128151
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 64.5 52.2 78.2



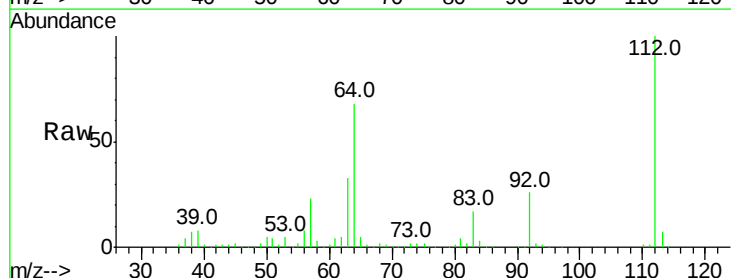
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



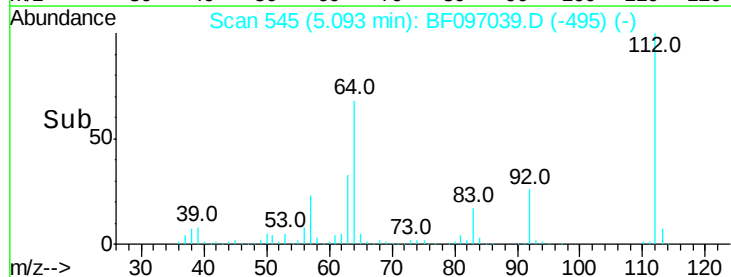
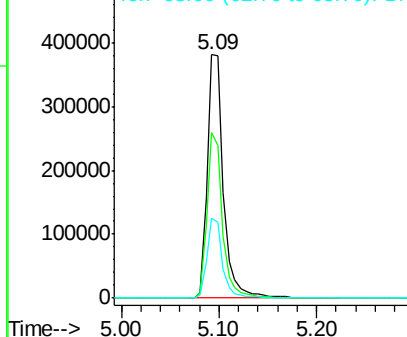
#5

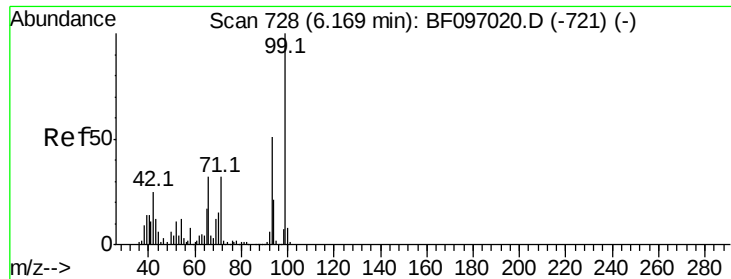
2-Fluorophenol
Concen: 51.450 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097039.D
Acq: 25 Jul 2017 19:58

Tgt Ion:112 Resp: 437378
Ion Ratio Lower Upper
112 100
64 68.0 46.0 69.0
63 33.0 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: 32.903 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097039.D

Acq: 25 Jul 2017 19:58

Instrument :

BNA_F

ClientSampleId :

MW-5-20170720

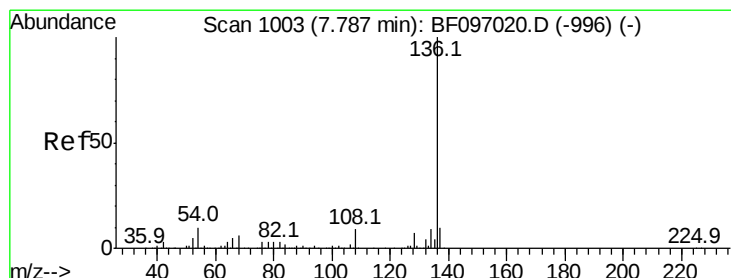
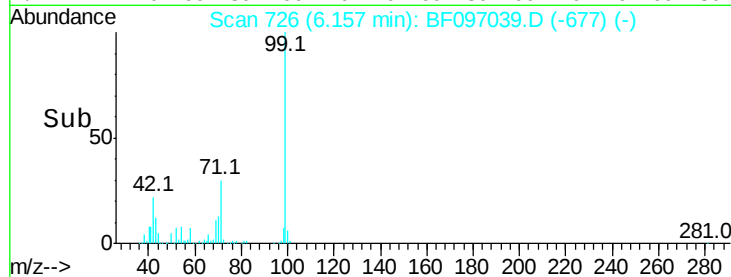
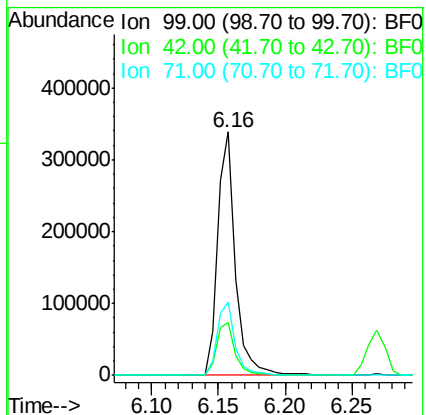
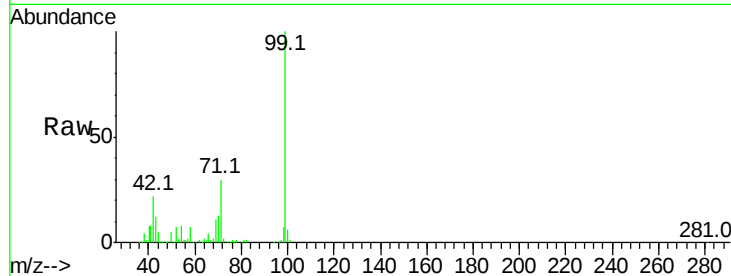
Tot Ion: 99 Resp: 319322

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

71 30.1 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: BF097039.D

Acq: 25 Jul 2017 19:58

Tgt Ion: 136 Resp: 526709

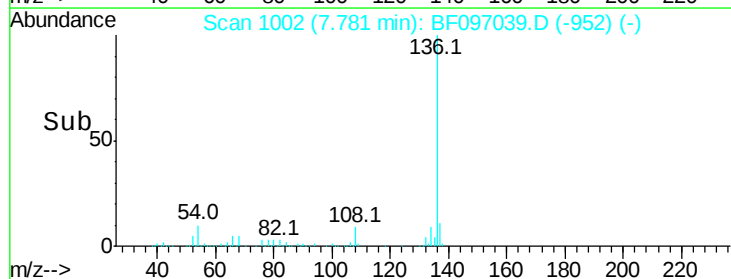
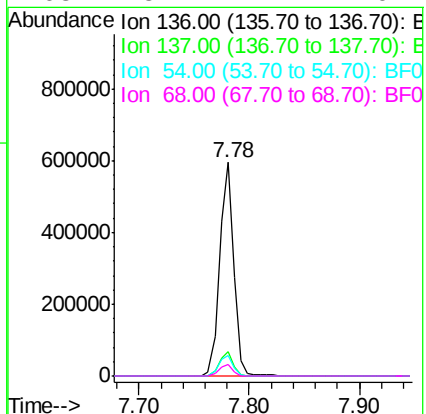
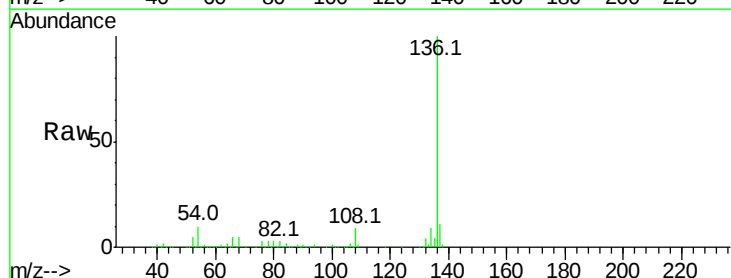
Ion Ratio Lower Upper

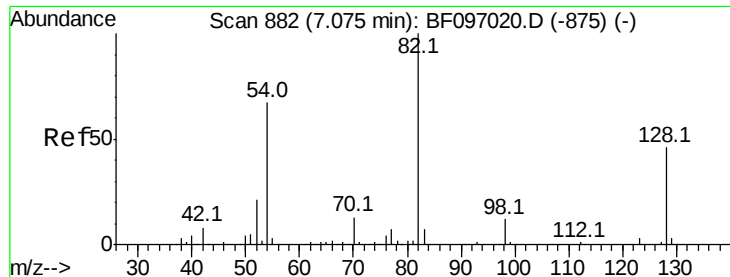
136 100

137 11.2 8.5 12.7

54 9.6 4.9 7.3#

68 5.1 4.1 6.1

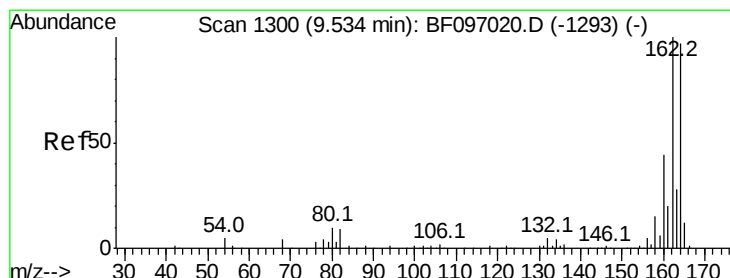
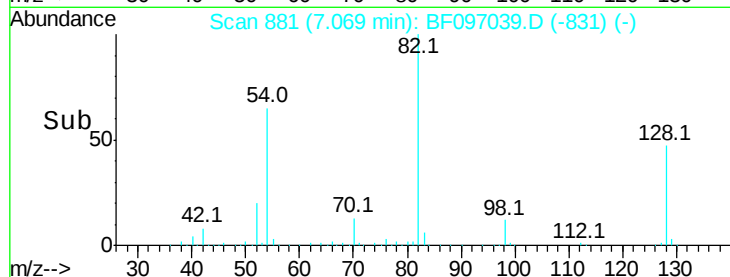
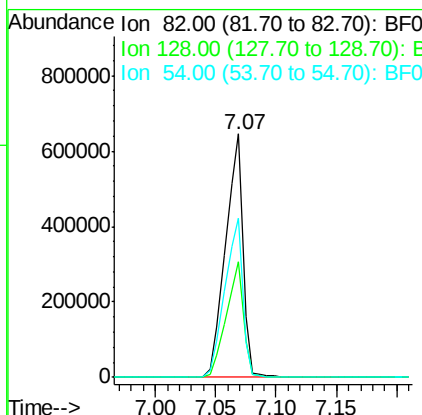
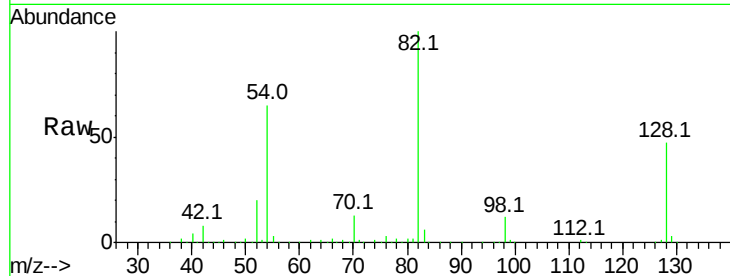




#23
 Nitrobenzene-d5
 Concen: 72.217 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

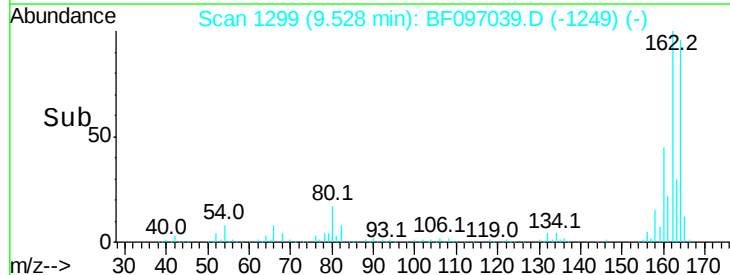
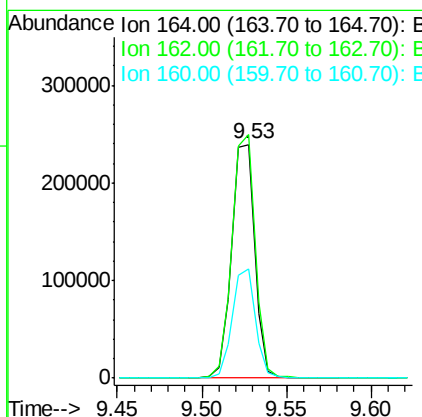
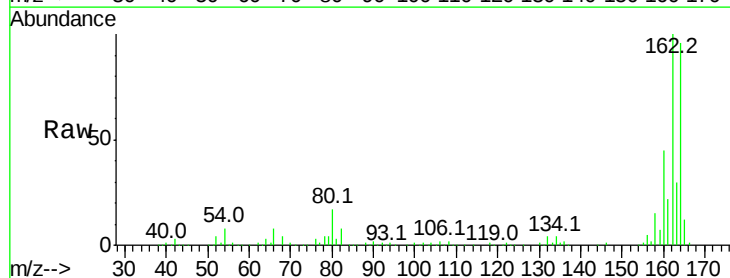
Instrument :
 BNA_F
 ClientSampleId :
 MW-5-20170720

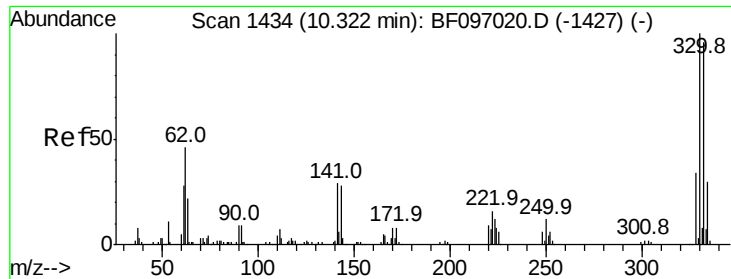
Tot Ion: 82 Resp: 648395
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 65.1 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

Tgt Ion: 164 Resp: 227938
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 46.9 36.2 54.2

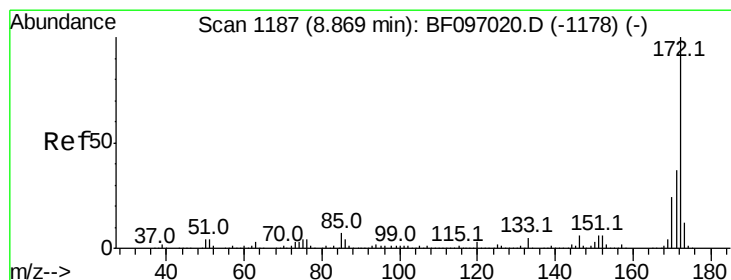
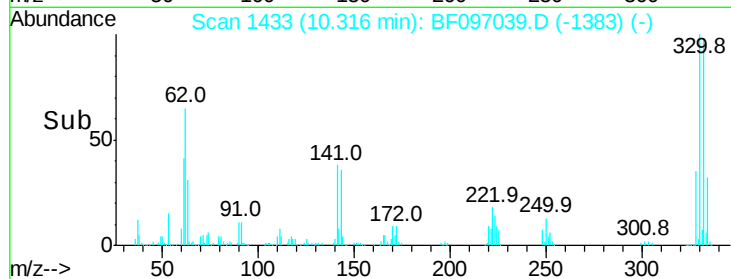
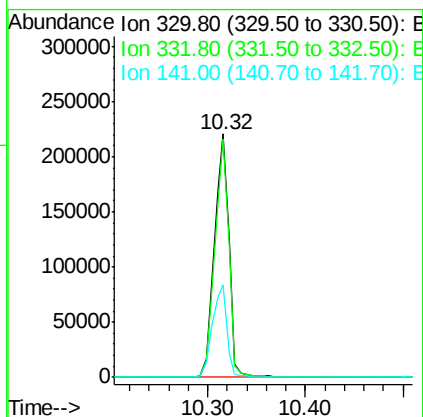
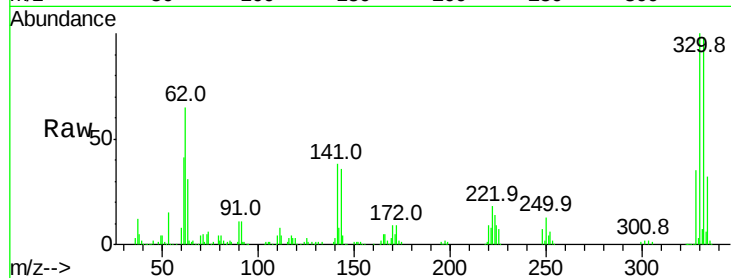




#41
 2,4,6-Tribromophenol
 Concen: 126.034 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

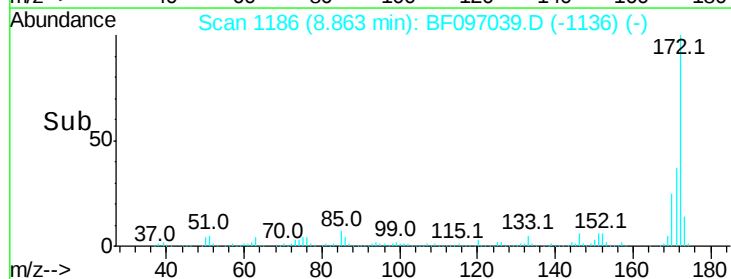
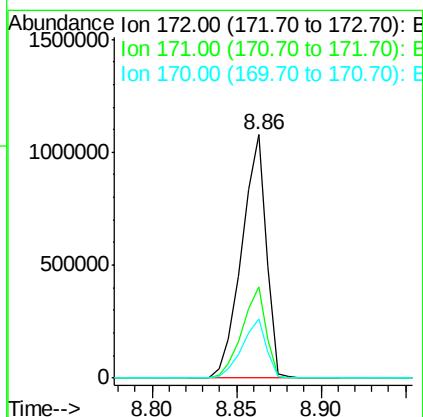
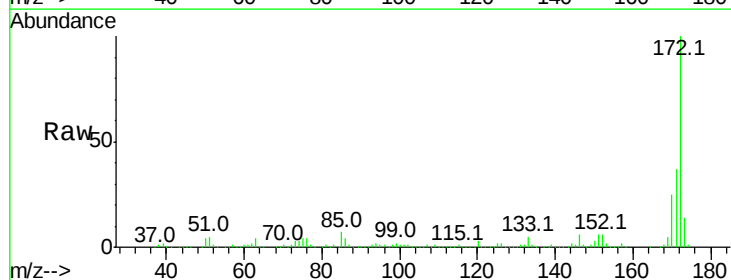
Instrument :
 BNA_F
 ClientSampleId :
 MW-5-20170720

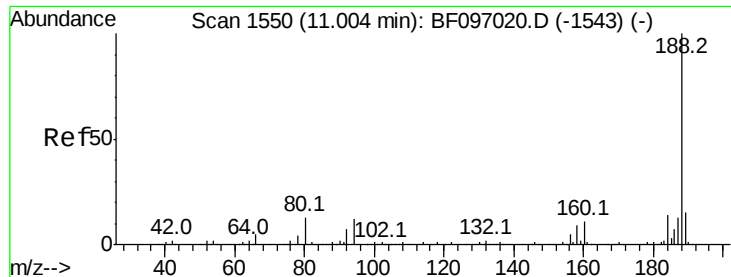
Tot Ion:330 Resp: 226979
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 115.0
 141 38.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 81.836 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097039.D
 Acq: 25 Jul 2017 19:58

Tgt Ion:172 Resp: 1099138
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.6 19.8 29.8

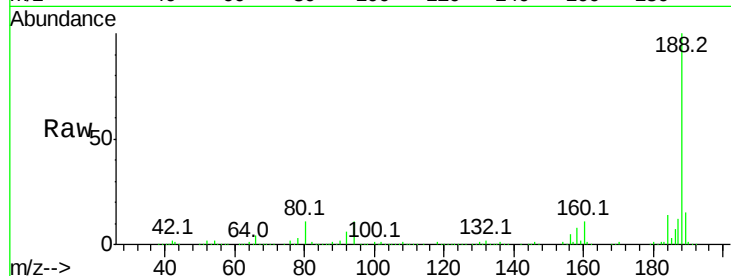




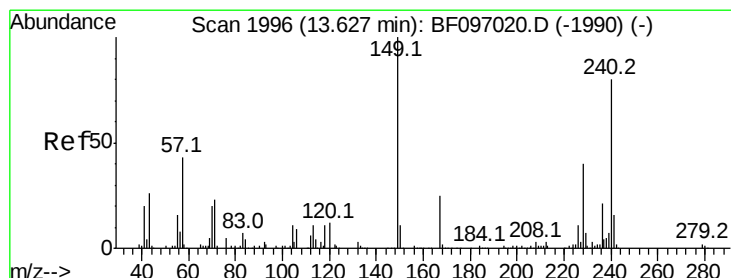
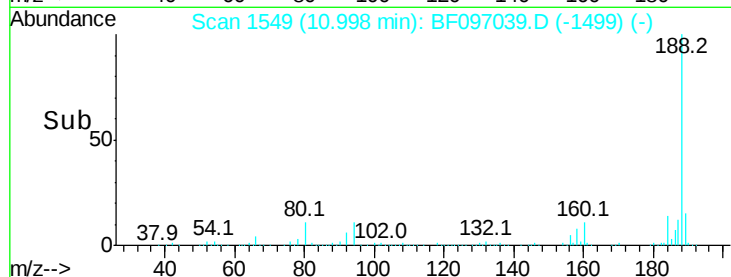
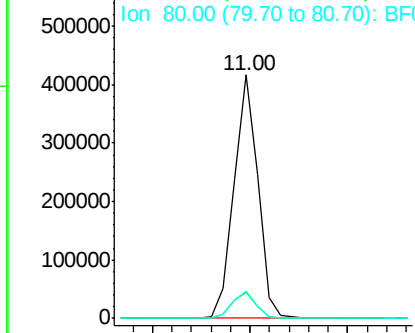
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097039.D
Acq: 25 Jul 2017 19:58

Instrument :
BNA_F
ClientSampleId :
MW-5-20170720

Tot Ion:188 Resp: 353145
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.1 10.2 15.2

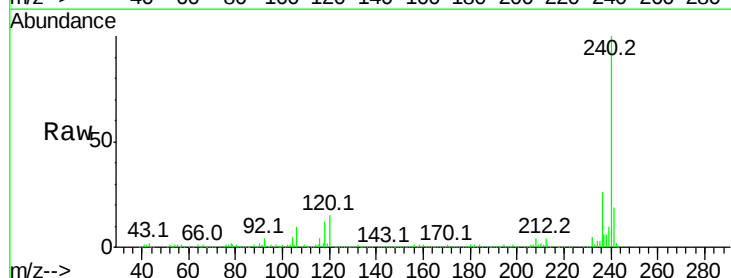


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

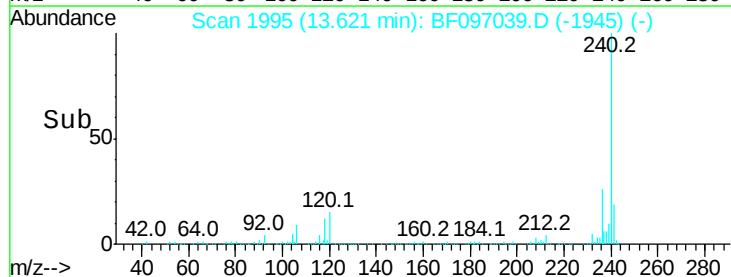
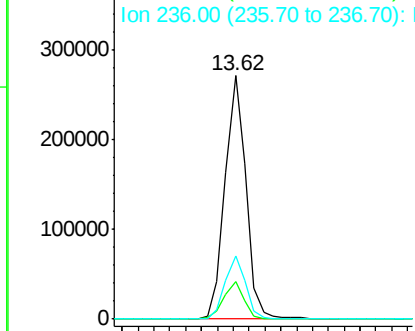


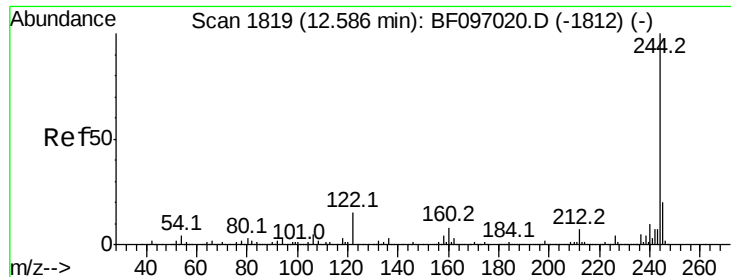
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097039.D
Acq: 25 Jul 2017 19:58

Tgt Ion:240 Resp: 248112
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 26.0 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: 70.136 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097039.D

Acq: 25 Jul 2017 19:58

Instrument :

BNA_F

ClientSampleId :

MW-5-20170720

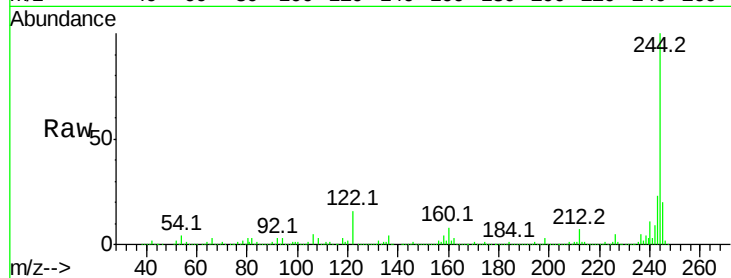
Tot Ion:244 Resp: 853499

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

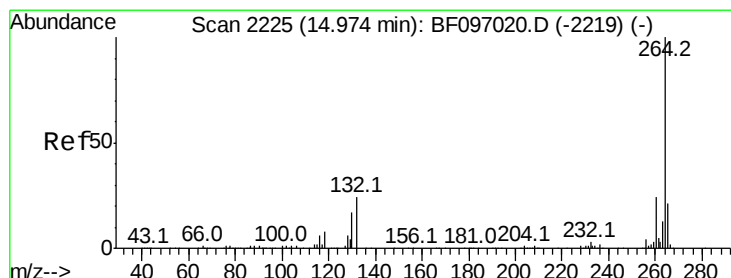
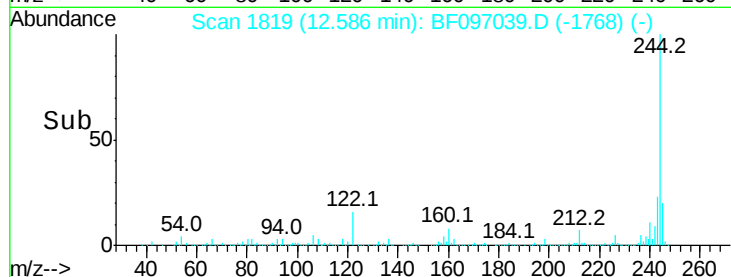
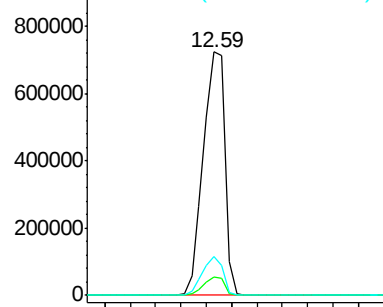
122 15.9 10.3 15.5#



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: BF097039.D

Acq: 25 Jul 2017 19:58

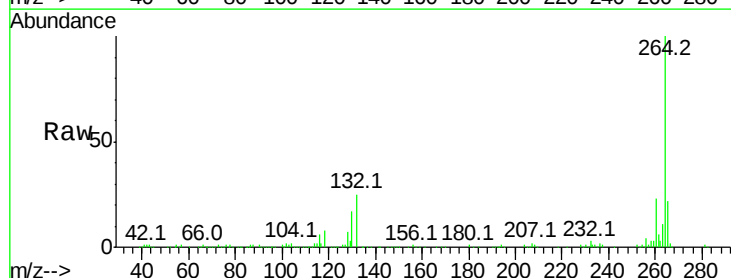
Tgt Ion:264 Resp: 180799

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.8 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

