

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097084.D
 Acq On : 26 Jul 2017 19:26
 Operator : SJ/JU
 Sample : I4369-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20170720

Quant Time: Jul 27 08:43:20 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	109385	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	443436	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	199266	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	351942	20.00	ng	0.00
75) Chrysene-d12	13.62	240	282209	20.00	ng	0.00
86) Perylene-d12	14.97	264	201258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	178951	24.66	ng	0.00
7) Phenol-d6	6.15	99	203510	24.57	ng	-0.02
23) Nitrobenzene-d5	7.06	82	656064	86.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	32764	20.81	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	1128430	96.11	ng	-0.01
78) Terphenyl-d14	12.59	244	929624	67.16	ng	0.00

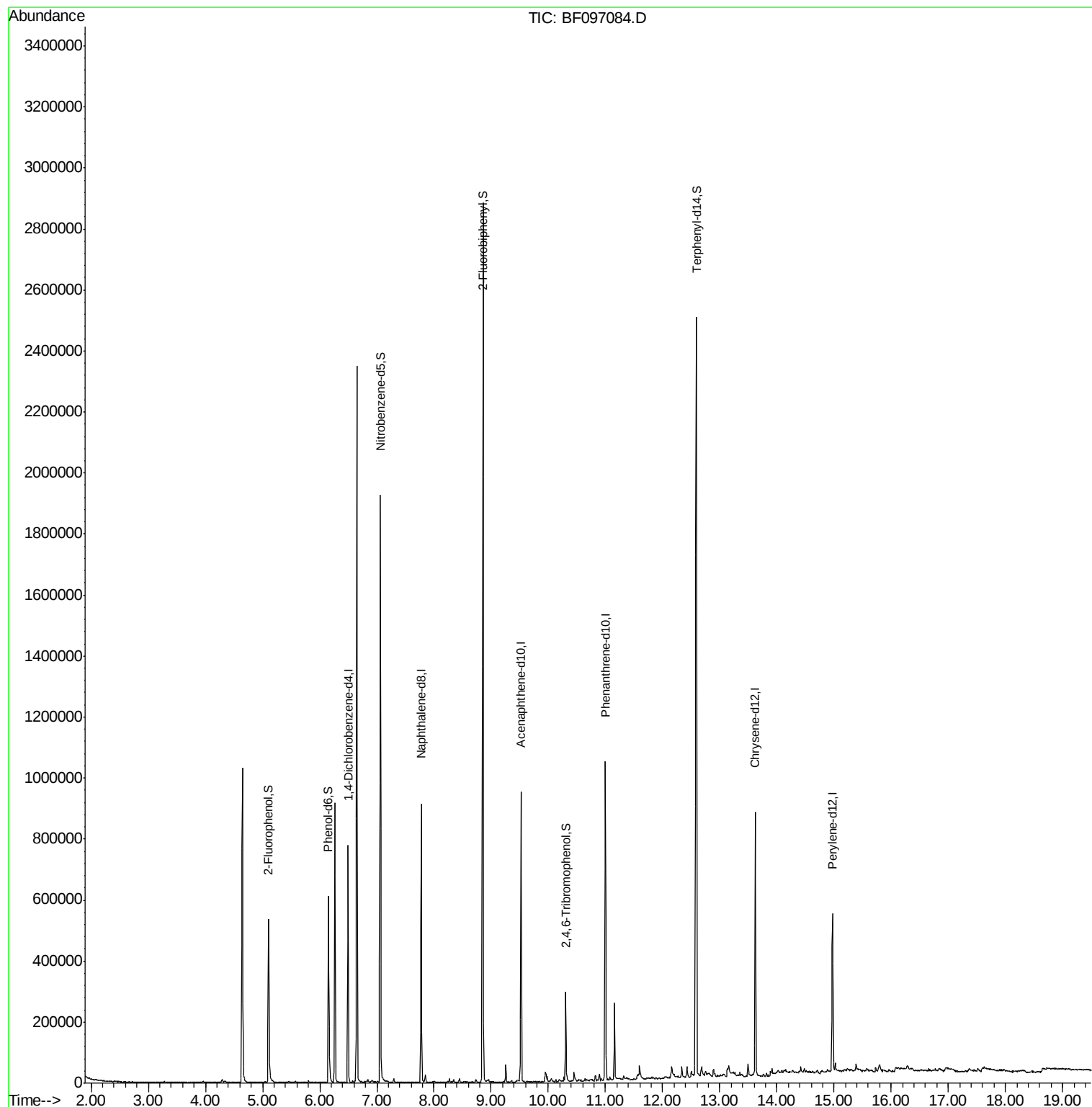
Target Compounds Qvalue

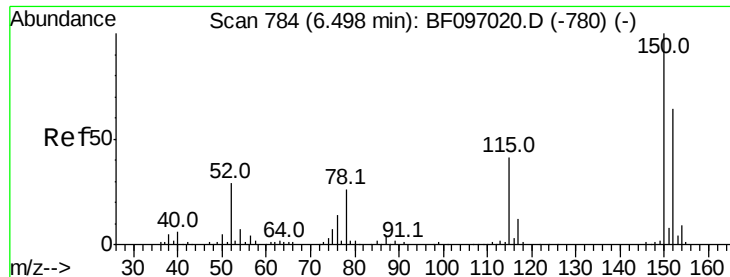
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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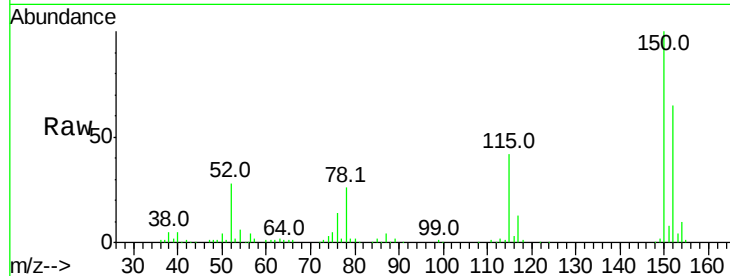


#1

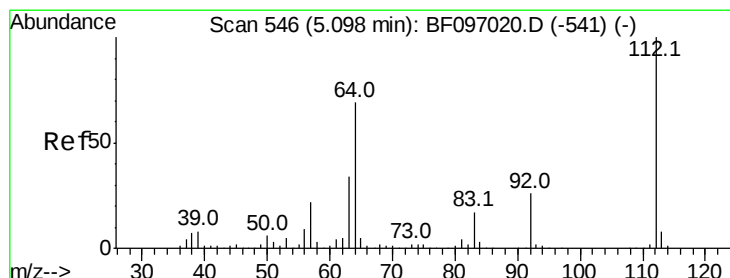
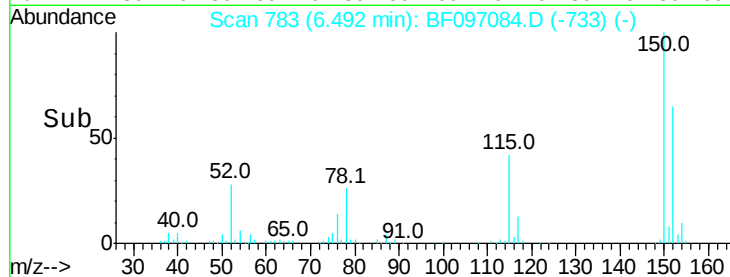
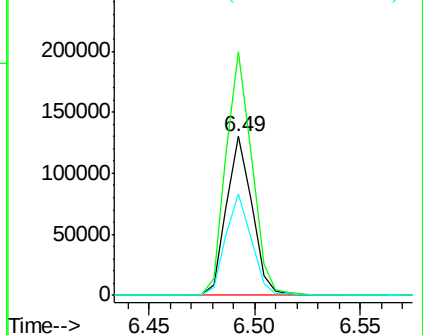
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097084.D
Acq: 26 Jul 2017 19:26

Instrument :
BNA_F
ClientSampleId :
MW-1-20170720

Tot Ion:152 Resp: 109385
Ion Ratio Lower Upper
152 100
150 153.1 126.2 189.2
115 63.7 52.2 78.2



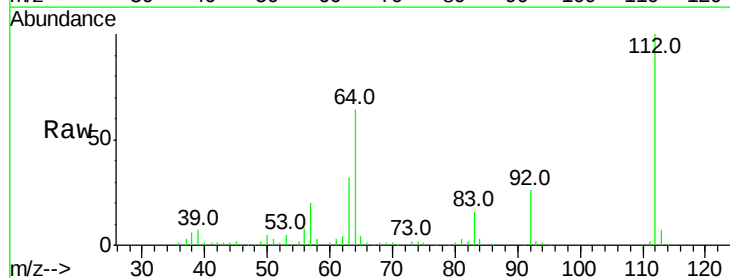
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



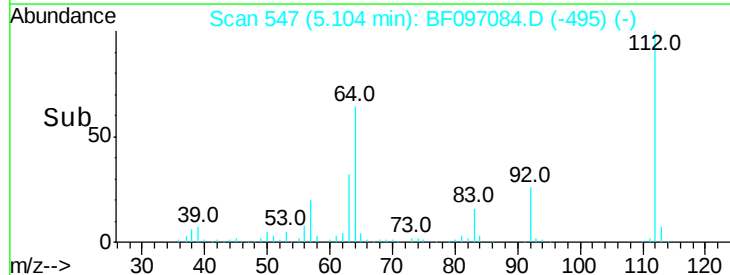
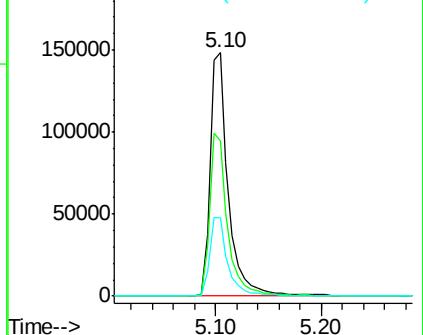
#5

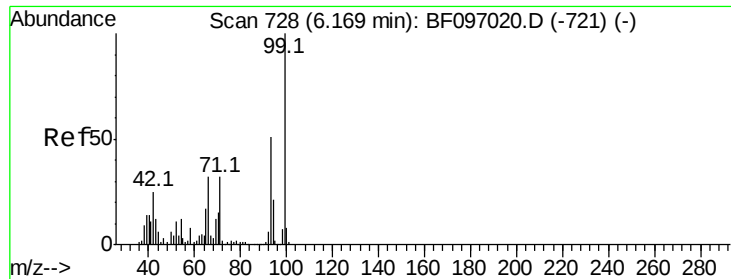
2-Fluorophenol
Concen: 24.662 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097084.D
Acq: 26 Jul 2017 19:26

Tgt Ion:112 Resp: 178951
Ion Ratio Lower Upper
112 100
64 63.5 46.0 69.0
63 32.0 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: 24.567 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097084.D

Acq: 26 Jul 2017 19:26

Instrument :

BNA_F

ClientSampleId :

MW-1-20170720

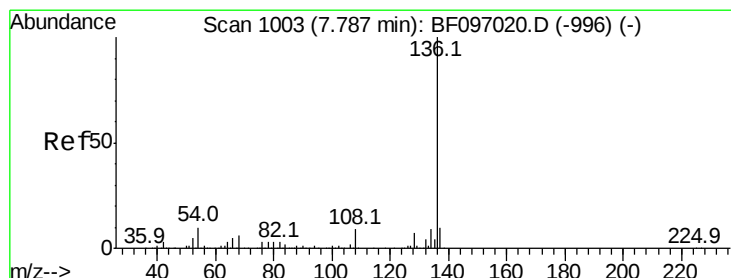
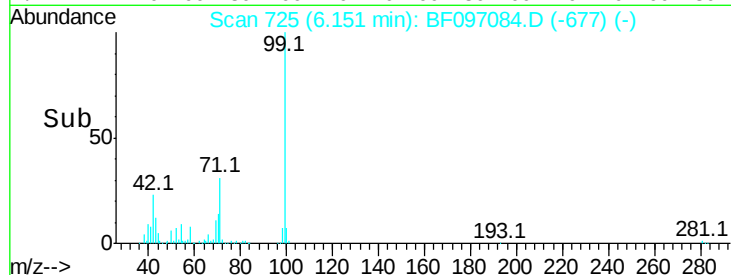
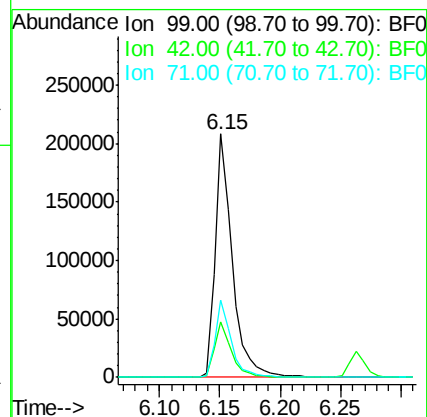
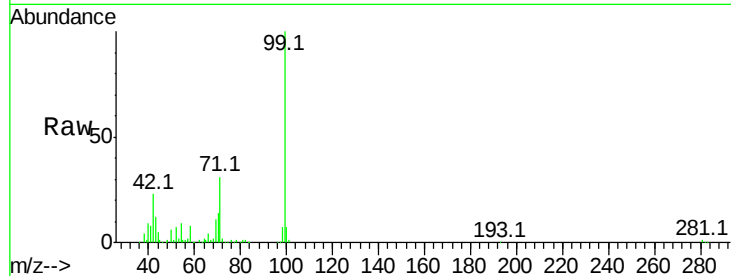
Tot Ion: 99 Resp: 203510

Ion Ratio Lower Upper

99 100

42 22.9 13.5 20.3#

71 31.5 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF097084.D

Acq: 26 Jul 2017 19:26

Tgt Ion: 136 Resp: 443436

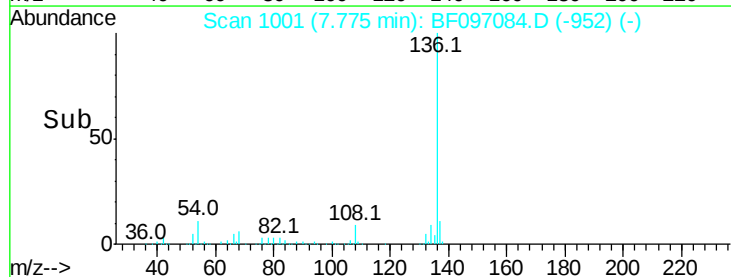
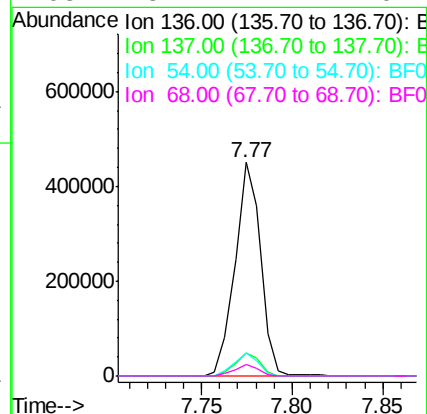
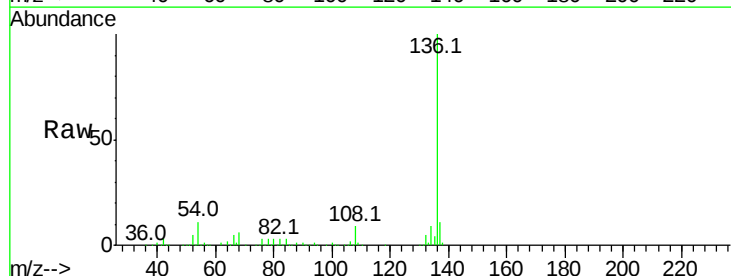
Ion Ratio Lower Upper

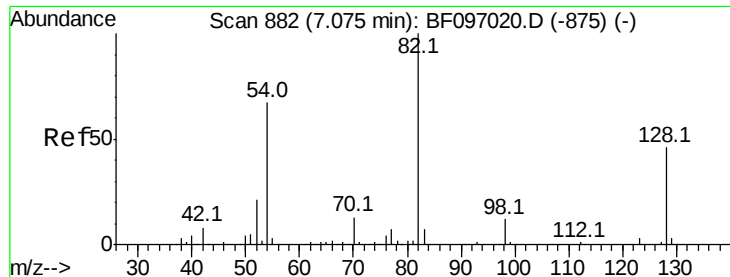
136 100

137 11.0 8.5 12.7

54 10.9 4.9 7.3#

68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 86.793 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF097084.D

Acq: 26 Jul 2017 19:26

Instrument :

BNA_F

ClientSampleId :

MW-1-20170720

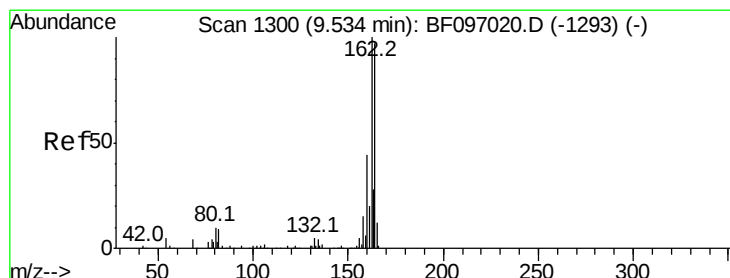
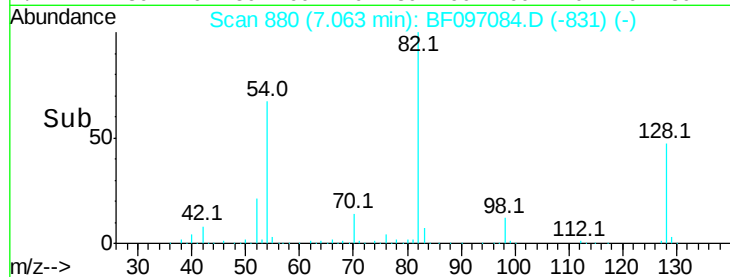
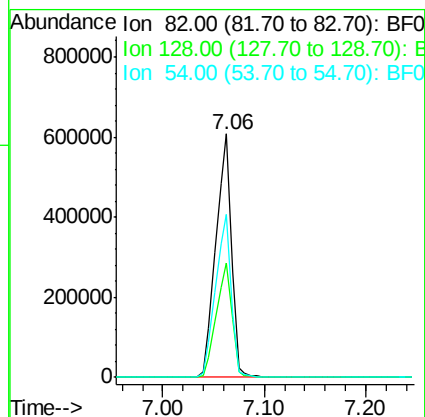
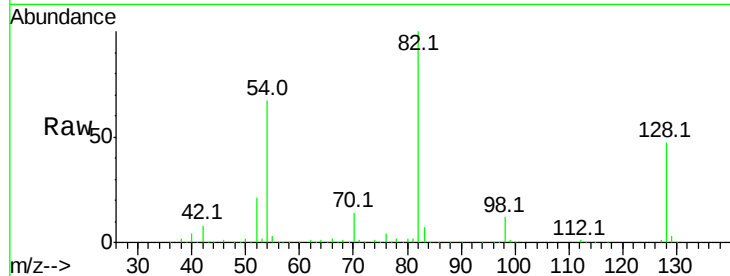
Tot Ion: 82 Resp: 656064

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

54 66.8 42.2 63.2#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF097084.D

Acq: 26 Jul 2017 19:26

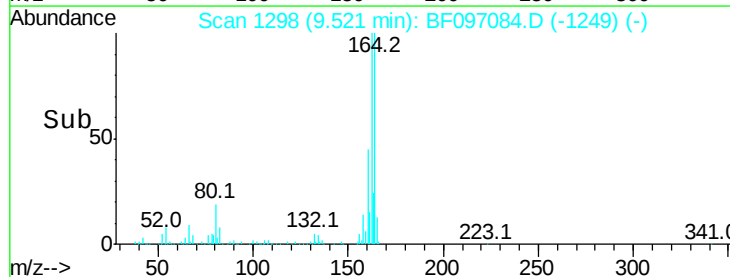
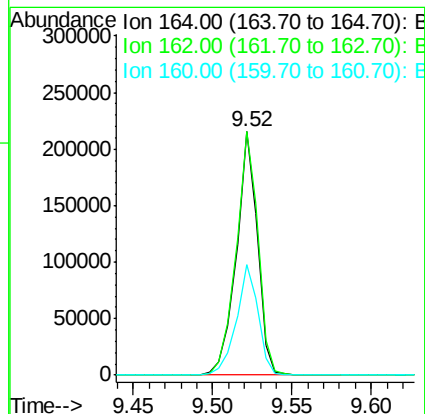
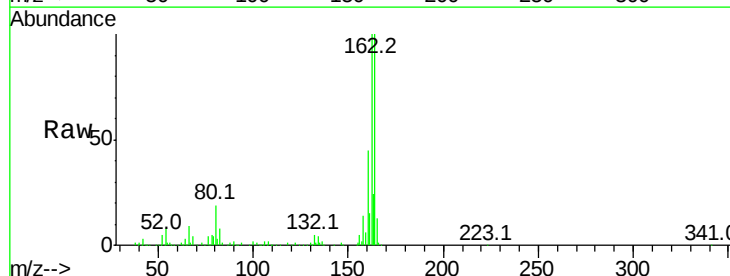
Tgt Ion:164 Resp: 199266

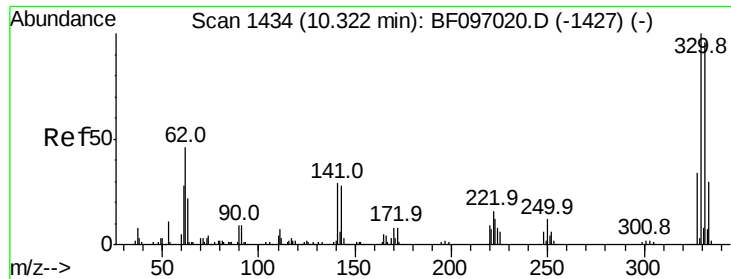
Ion Ratio Lower Upper

164 100

162 100.0 82.6 123.8

160 45.2 36.2 54.2

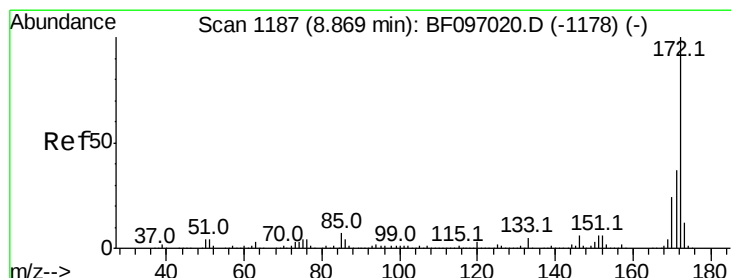
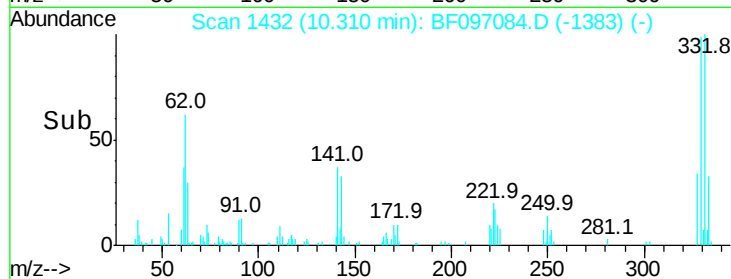
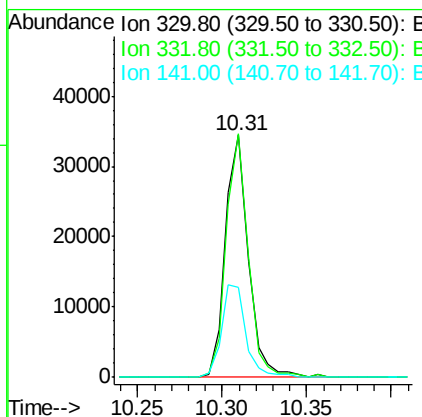
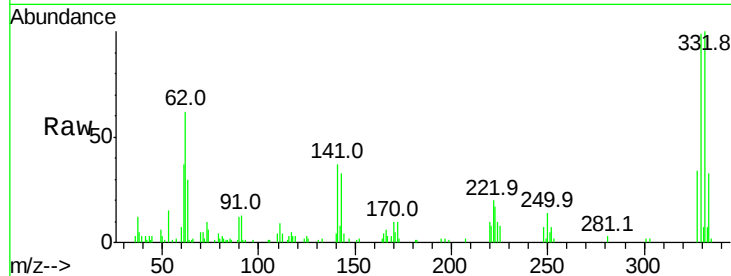




#41
 2,4,6-Tribromophenol
 Concen: 20.811 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097084.D
 Acq: 26 Jul 2017 19:26

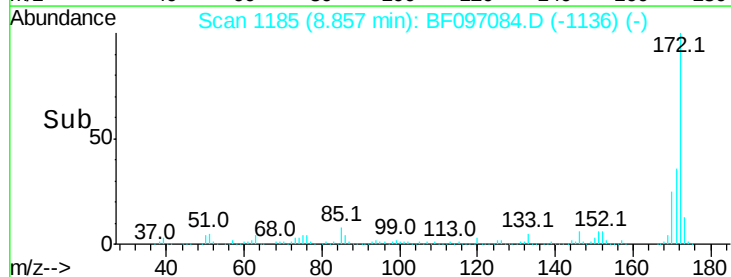
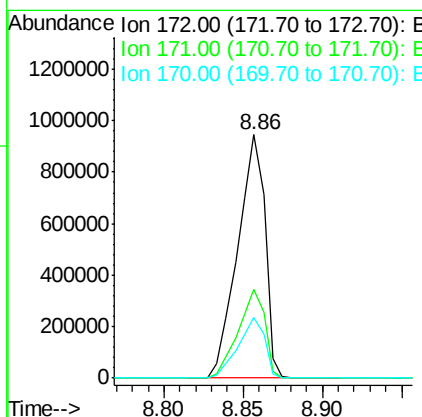
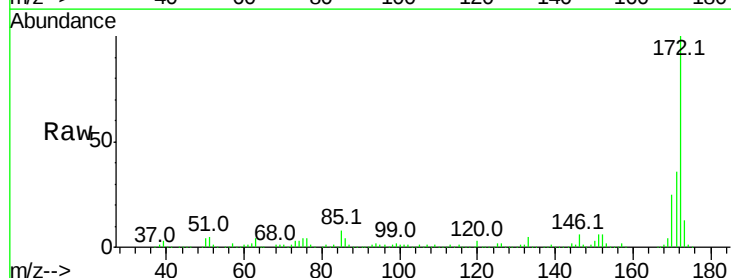
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20170720

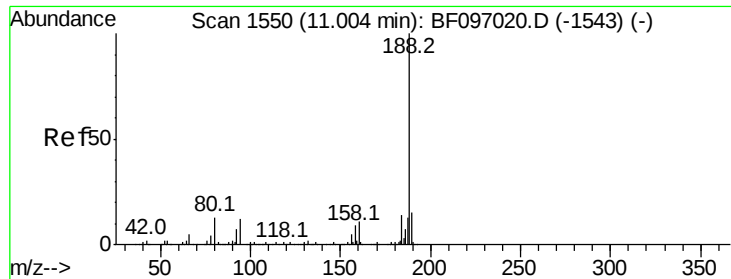
Tot Ion:330 Resp: 32764
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 40.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 96.105 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097084.D
 Acq: 26 Jul 2017 19:26

Tgt Ion:172 Resp: 1128430
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.7 19.8 29.8

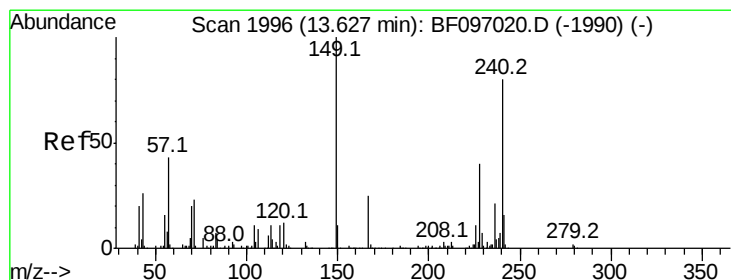
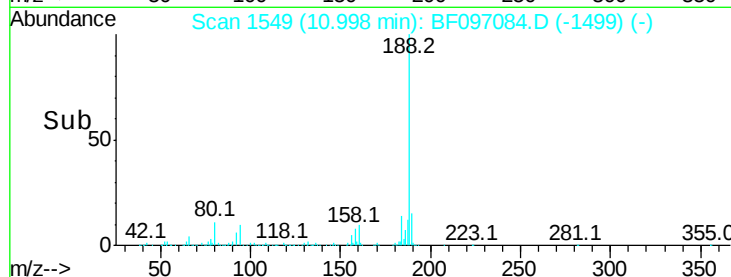
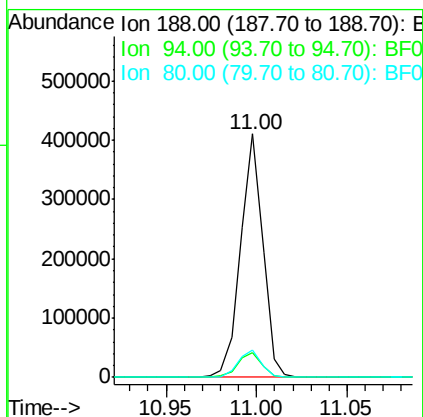
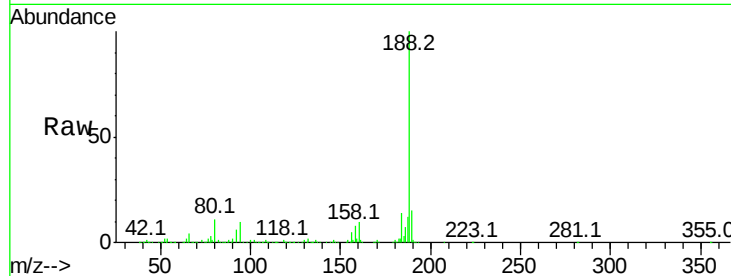




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097084.D
Acq: 26 Jul 2017 19:26

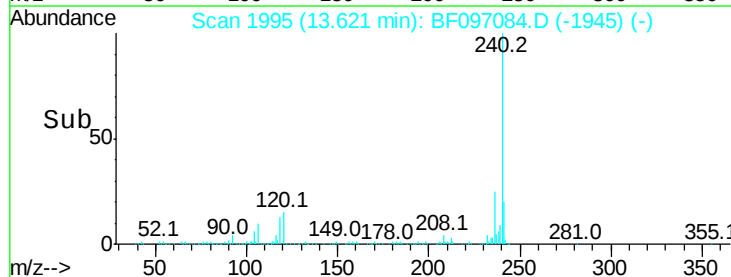
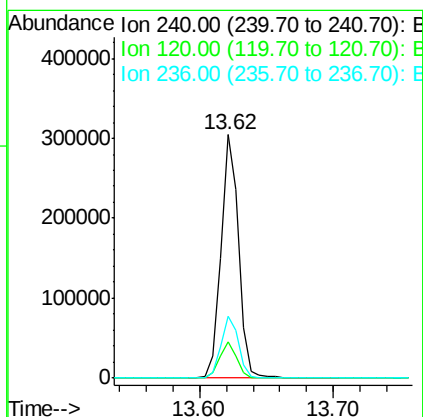
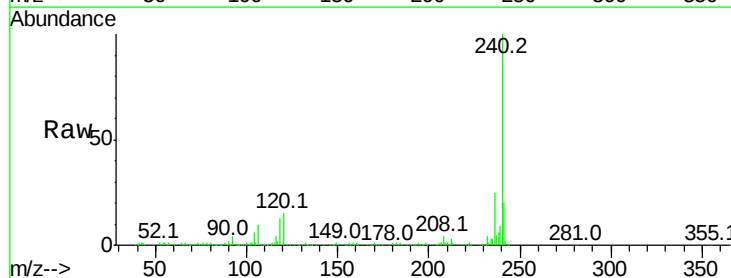
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BNA_F
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MW-1-20170720

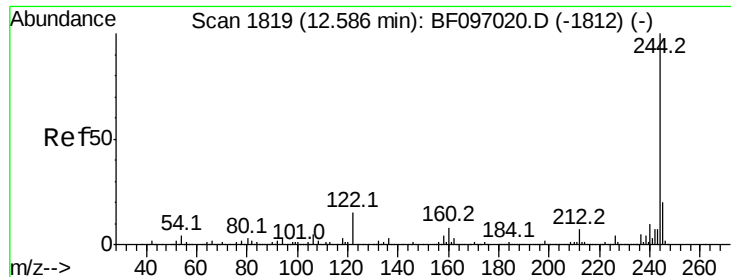
Tot Ion:188 Resp: 351942
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097084.D
Acq: 26 Jul 2017 19:26

Tgt Ion:240 Resp: 282209
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.4 20.5 30.7





#78

Terphenyl-d14

Concen: 67.162 ng

RT: 12.59 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF097084.D

Acq: 26 Jul 2017 19:26

Instrument :

BNA_F

ClientSampleId :

MW-1-20170720

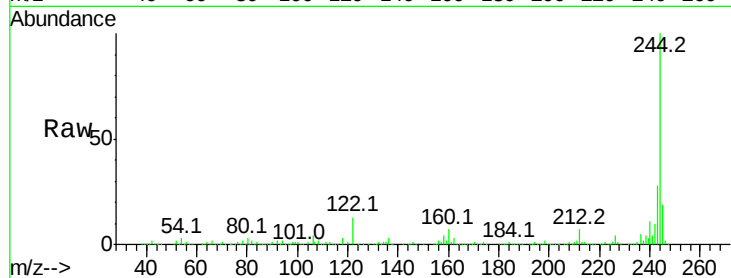
Tot Ion:244 Resp: 929624

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

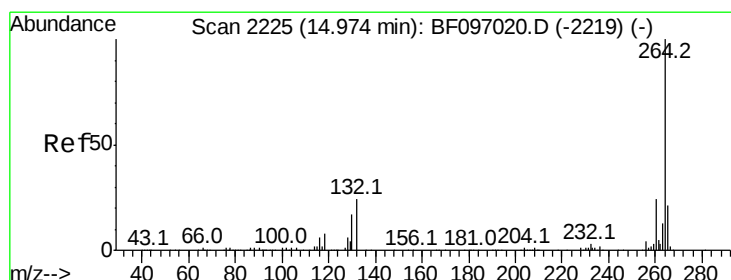
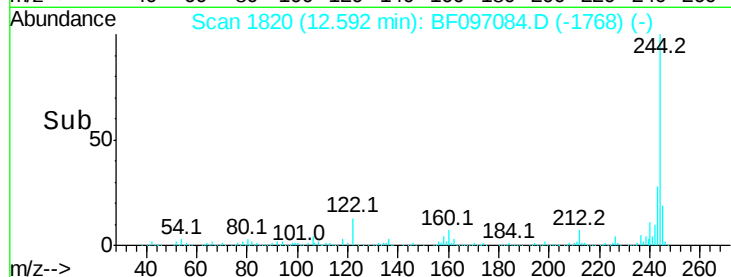
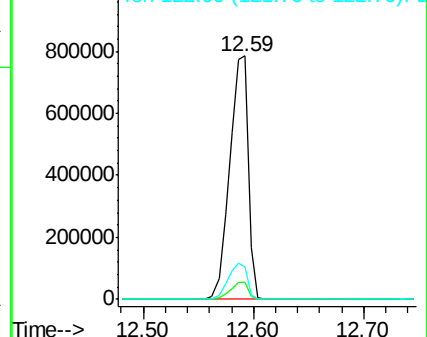
122 13.1 10.3 15.5



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# 2225

Delta R.T. -0.00 min

Lab File: BF097084.D

Acq: 26 Jul 2017 19:26

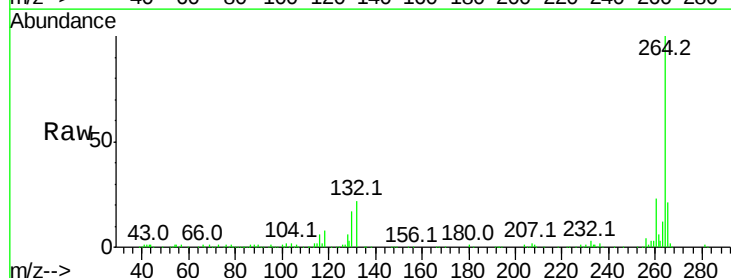
Tgt Ion:264 Resp: 201258

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.9 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

