

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097073.D
 Acq On : 26 Jul 2017 14:12
 Operator : SJ/JU
 Sample : I4443-04 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-NSW

Quant Time: Jul 26 15:56:24 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

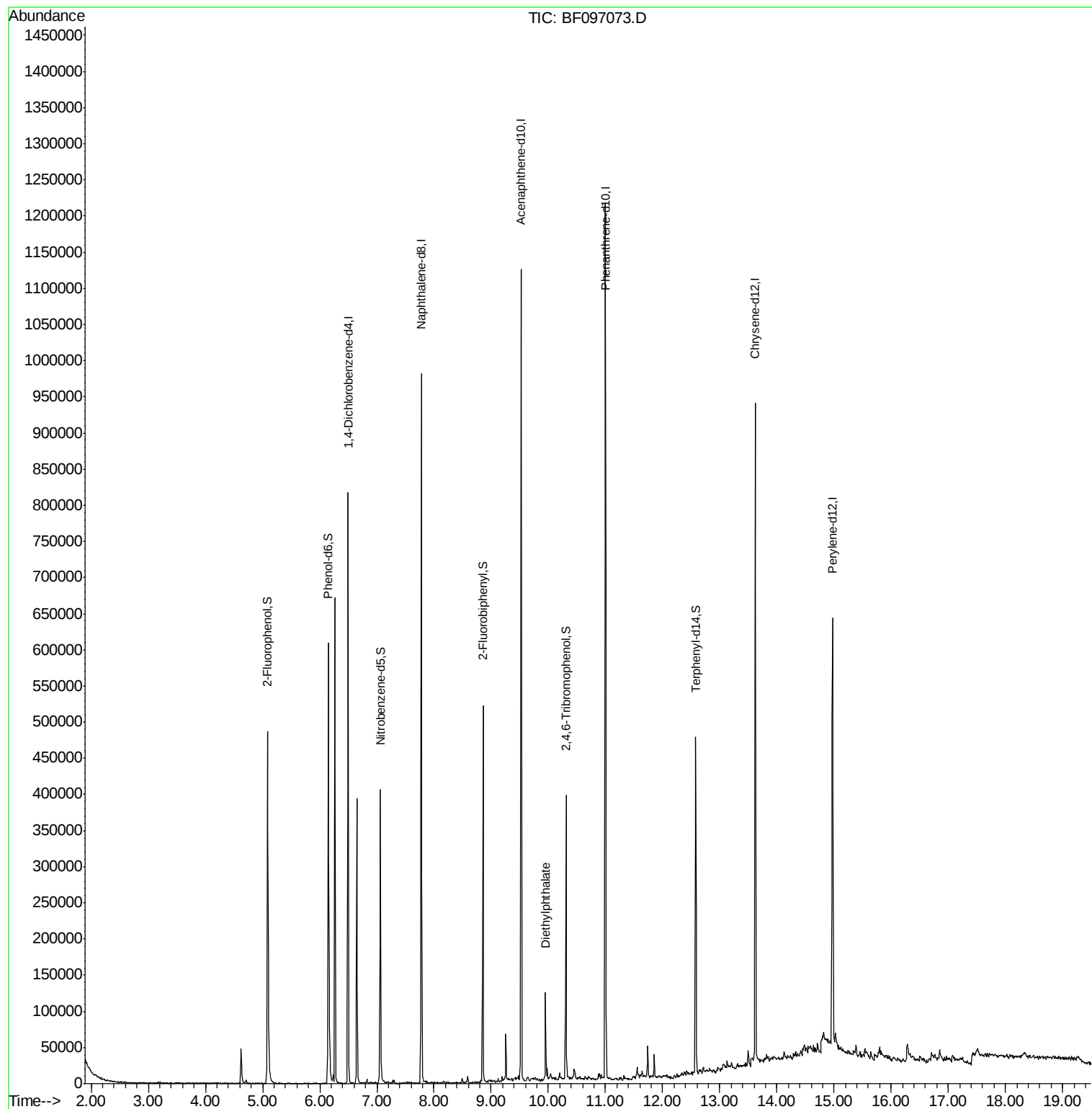
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	115732	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	493039	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	231400	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	401575	20.00	ng	0.00
75) Chrysene-d12	13.62	240	296421	20.00	ng	0.00
86) Perylene-d12	14.97	264	216177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	150534	19.61	ng	-0.01
7) Phenol-d6	6.15	99	201024	22.94	ng	-0.02
23) Nitrobenzene-d5	7.06	82	116029	13.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	42015	22.98	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	166537	12.21	ng	-0.01
78) Terphenyl-d14	12.58	244	129724	8.92	ng	0.00
Target Compounds						Qvalue
59) Diethylphthalate	9.95	149	41289	2.561	ng	97

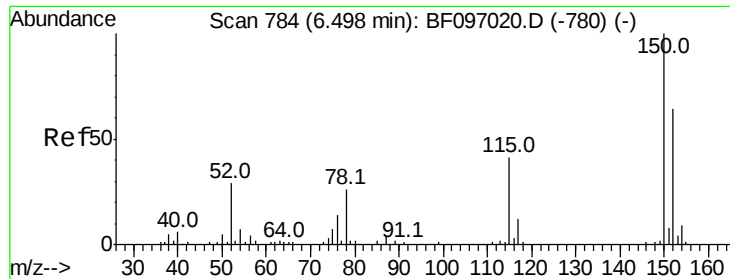
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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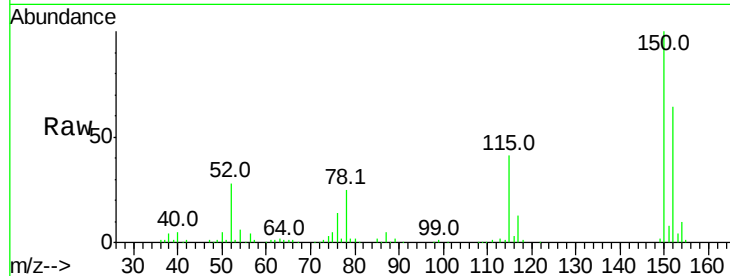


#1

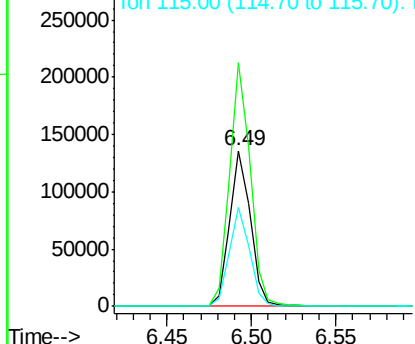
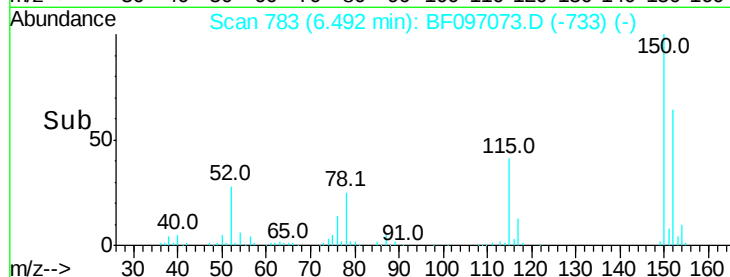
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097073.D
Acq: 26 Jul 2017 14:12

Instrument :
BNA_F
ClientSampleId :
E2-M7-NSW

Tot Ion:152 Resp: 115732
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 63.7 52.2 78.2



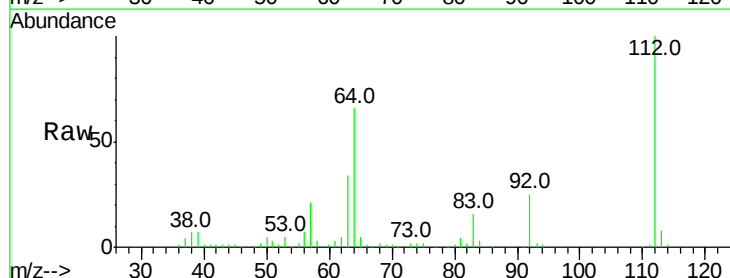
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



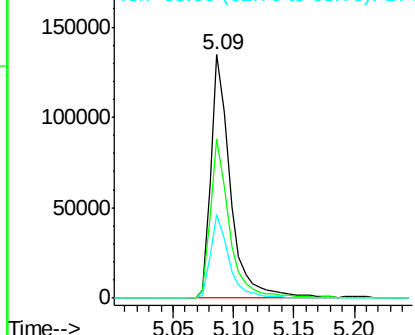
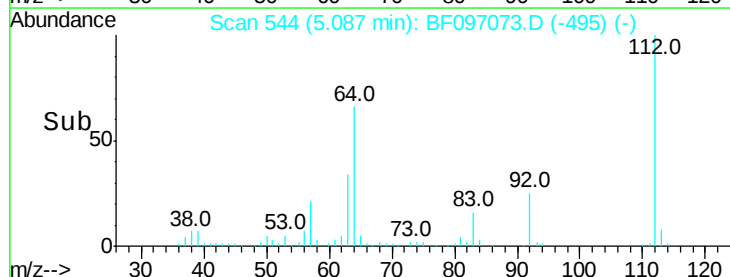
#5

2-Fluorophenol
Concen: 19.608 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097073.D
Acq: 26 Jul 2017 14:12

Tgt Ion:112 Resp: 150534
Ion Ratio Lower Upper
112 100
64 65.6 46.0 69.0
63 34.1 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: 22.937 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097073.D

Acq: 26 Jul 2017 14:12

Instrument :

BNA_F

ClientSampleId :

E2-M7-NSW

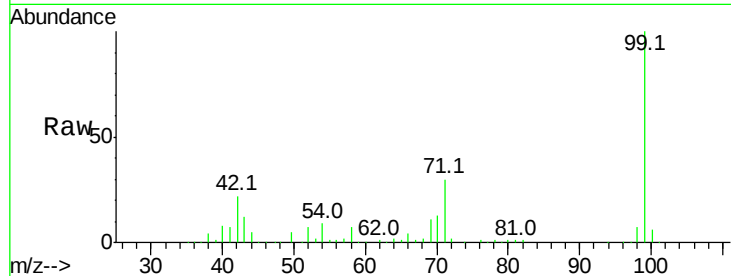
Tot Ion: 99 Resp: 201024

Ion Ratio Lower Upper

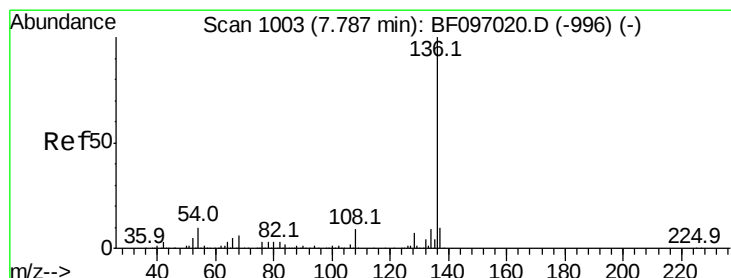
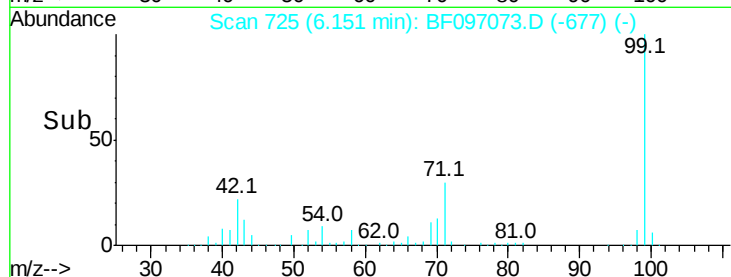
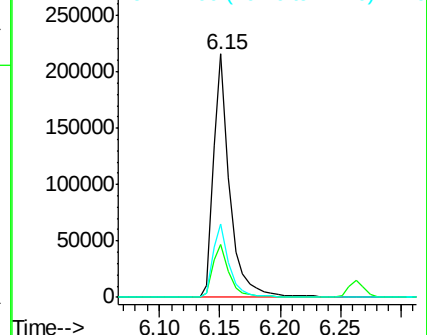
99 100

42 21.5 13.5 20.3#

71 30.0 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: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097073.D

Acq: 26 Jul 2017 14:12

Tgt Ion: 136 Resp: 493039

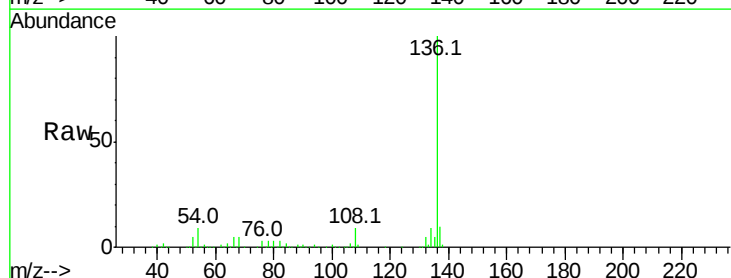
Ion Ratio Lower Upper

136 100

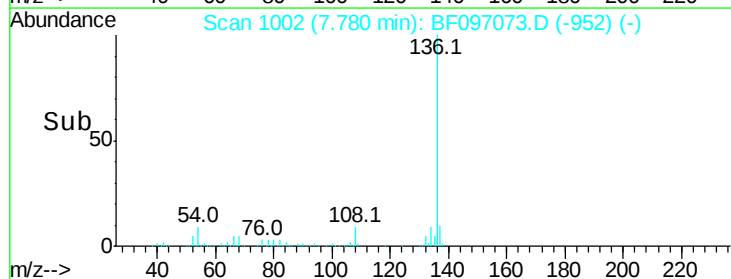
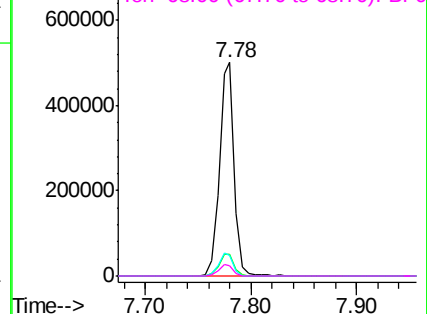
137 10.2 8.5 12.7

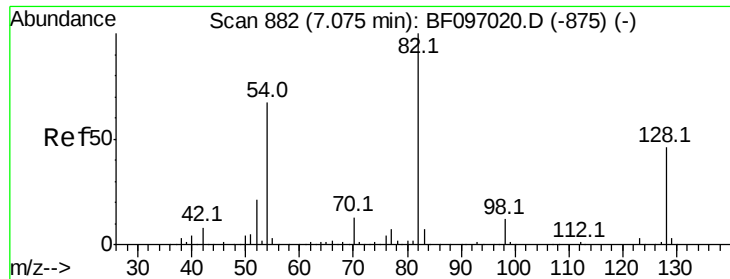
54 9.5 4.9 7.3#

68 4.8 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

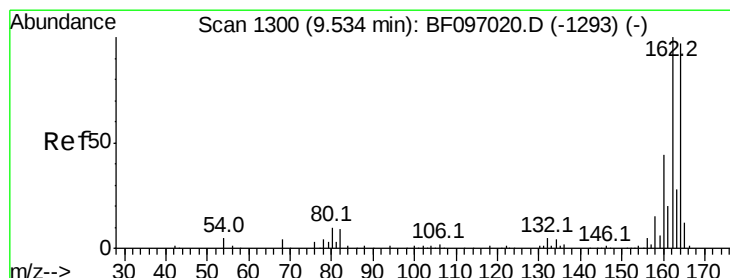
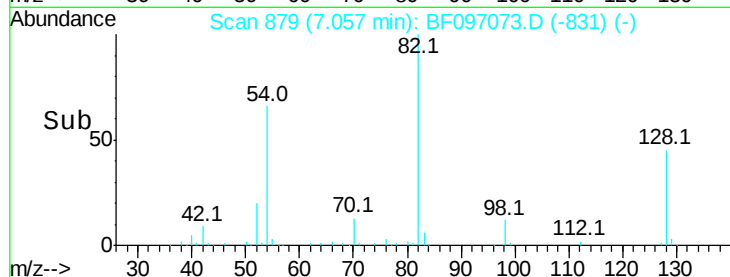
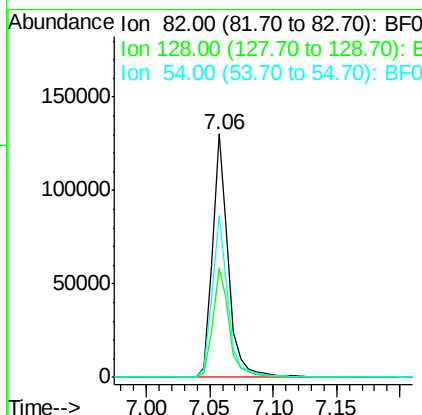
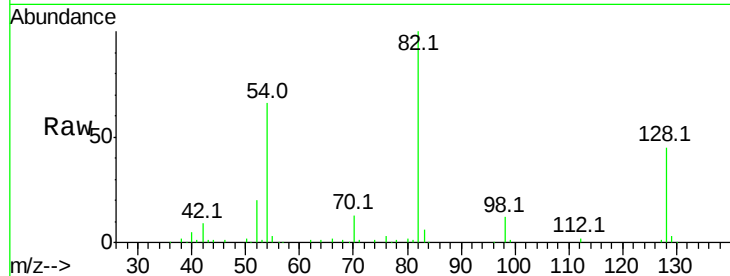




#23
 Nitrobenzene-d5
 Concen: 13.806 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097073.D
 Acq: 26 Jul 2017 14:12

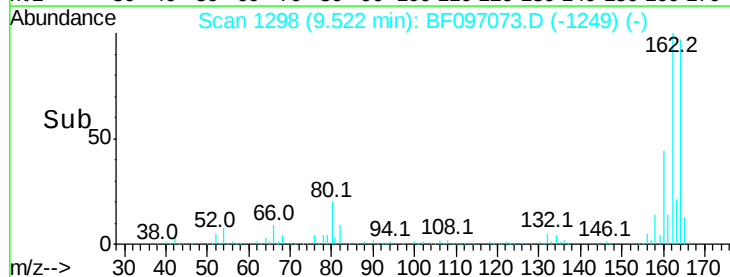
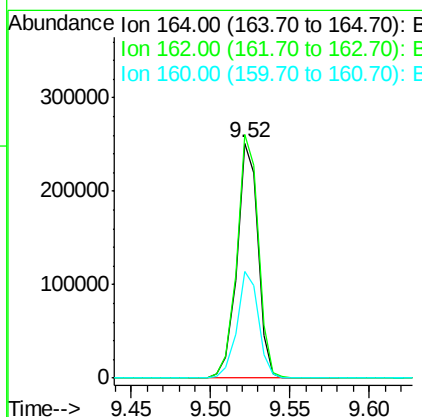
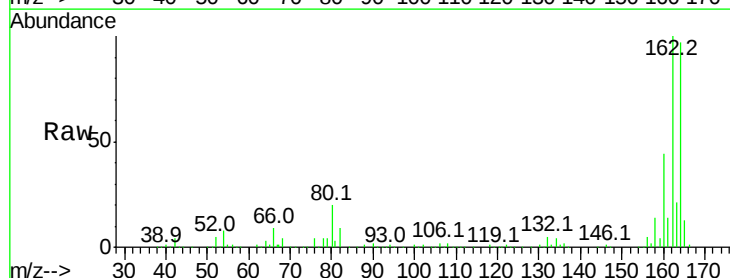
Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-NSW

Tot Ion: 82 Resp: 116029
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.0 51.0
 54 66.2 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: BF097073.D
 Acq: 26 Jul 2017 14:12

Tgt Ion:164 Resp: 231400
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 45.3 36.2 54.2

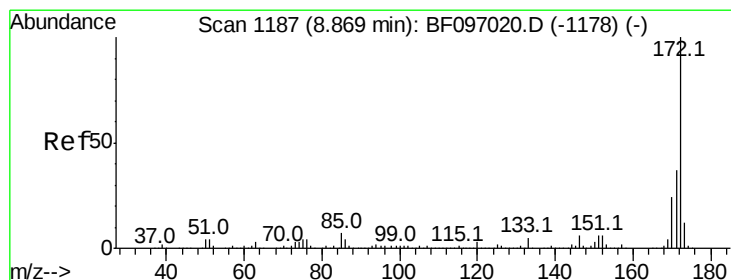
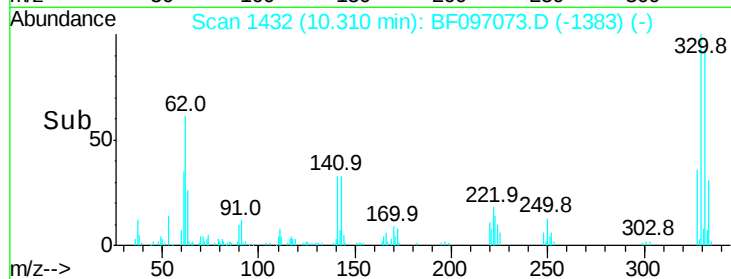
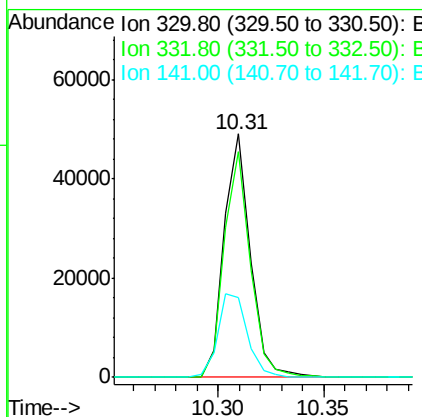
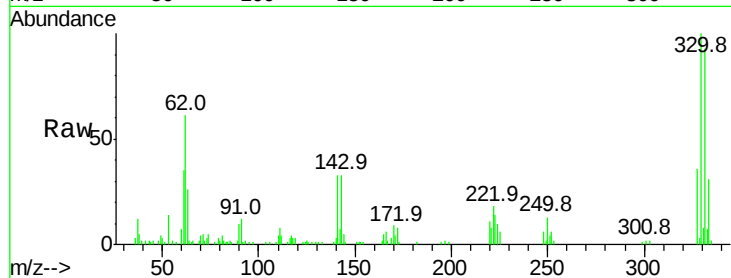




#41
 2,4,6-Tribromophenol
 Concen: 22.981 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097073.D
 Acq: 26 Jul 2017 14:12

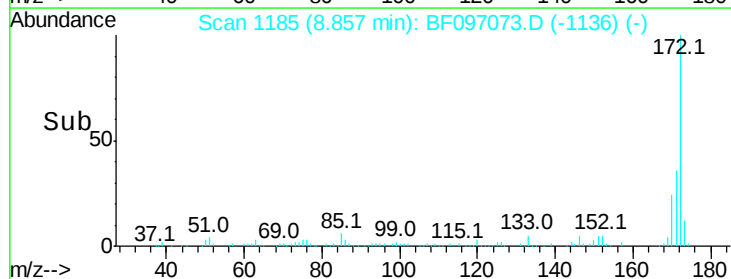
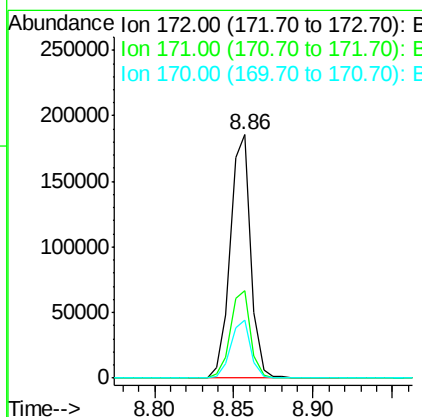
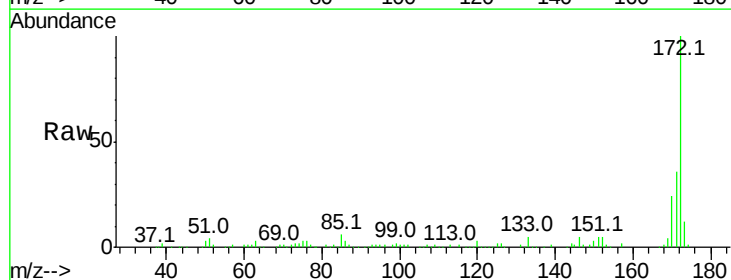
Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-NSW

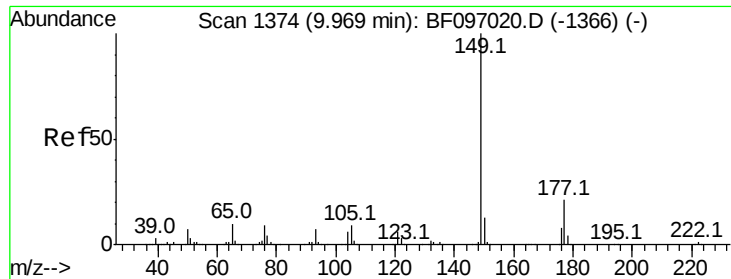
Tot Ion:330 Resp: 42015
 Ion Ratio Lower Upper
 330 100
 332 93.0 76.6 115.0
 141 38.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 12.214 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097073.D
 Acq: 26 Jul 2017 14:12

Tgt Ion:172 Resp: 166537
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.6 19.8 29.8

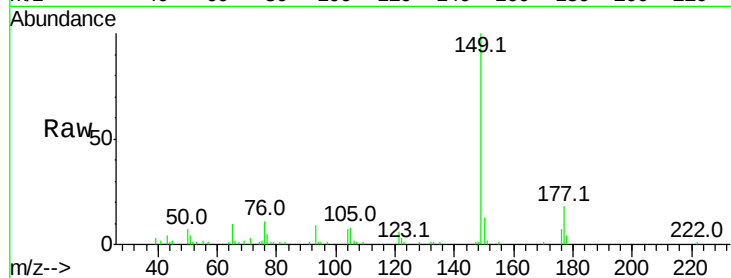




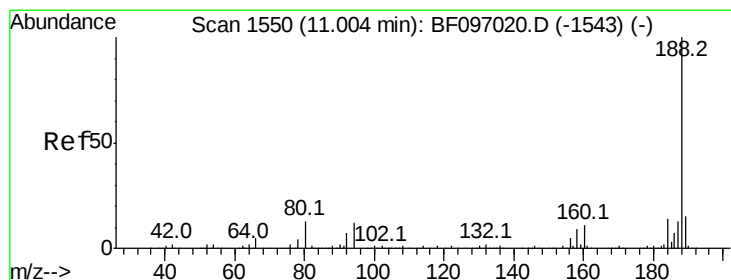
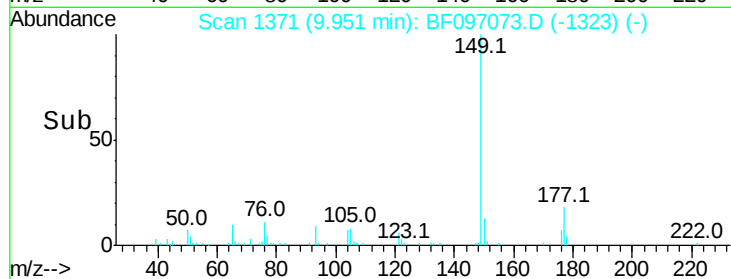
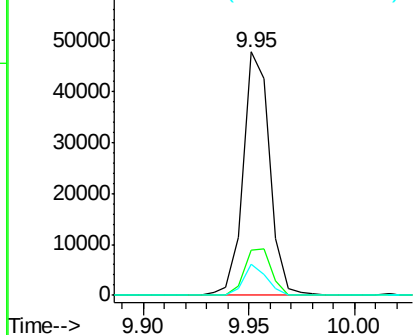
#59
Diethylphthalate
Concen: 2.561 ng
RT: 9.95 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF097073.D
Acq: 26 Jul 2017 14:12

Instrument :
BNA_F
ClientSampleId :
E2-M7-NSW

Tot Ion:149 Resp: 41289
Ion Ratio Lower Upper
149 100
177 18.4 16.7 25.1
150 12.8 10.2 15.2

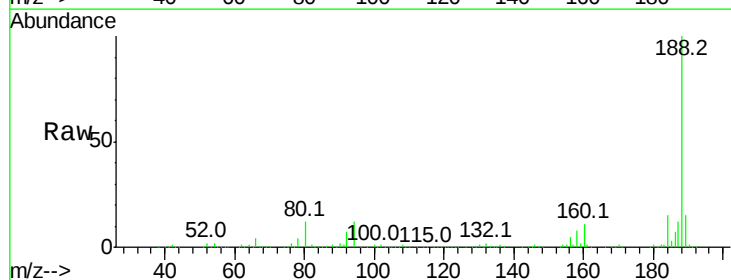


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

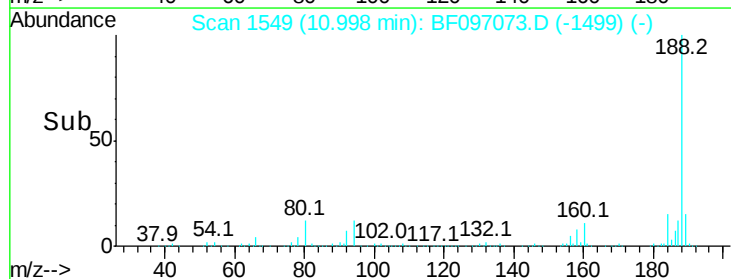
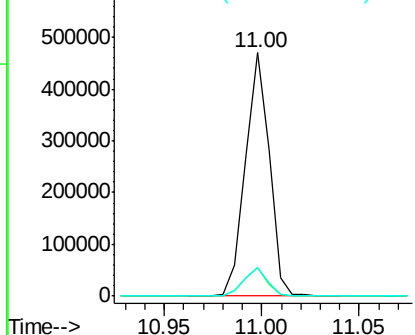


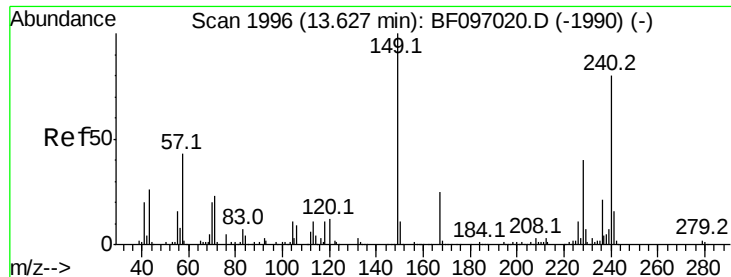
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097073.D
Acq: 26 Jul 2017 14:12

Tgt Ion:188 Resp: 401575
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 11.9 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: BF097073.D

Acq: 26 Jul 2017 14:12

Instrument :

BNA_F

ClientSampleId :

E2-M7-NSW

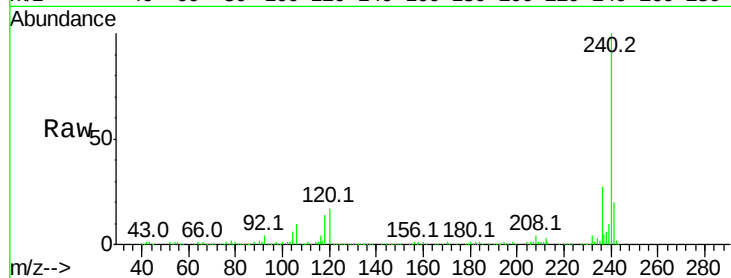
Tot Ion:240 Resp: 296421

Ion Ratio Lower Upper

240 100

120 16.8 5.8 8.8#

236 26.6 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

13.62

300000

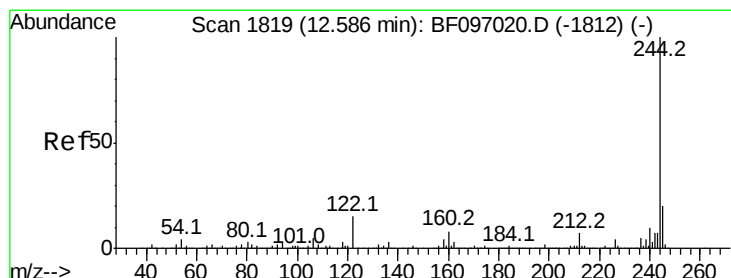
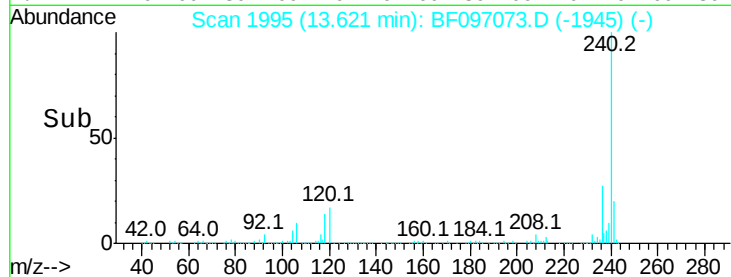
200000

100000

0

13.60 13.70

Time-->



#78

Terphenyl-d14

Concen: 8.923 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097073.D

Acq: 26 Jul 2017 14:12

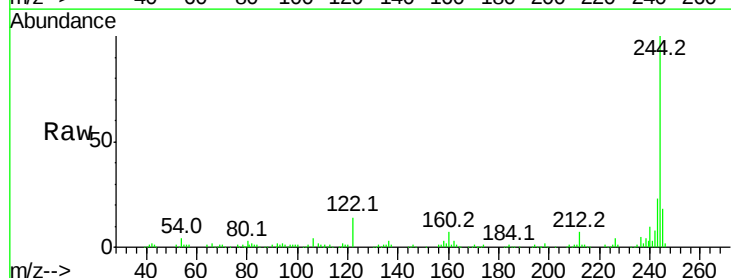
Tgt Ion:244 Resp: 129724

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 13.5 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

12.58

200000

150000

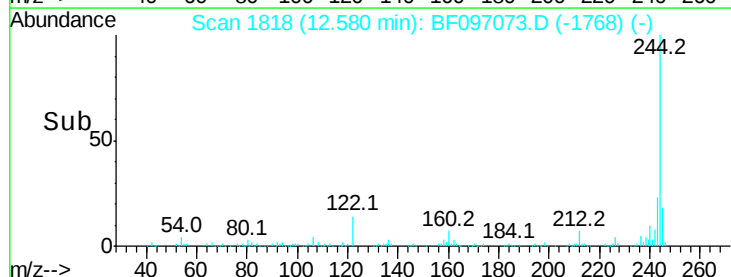
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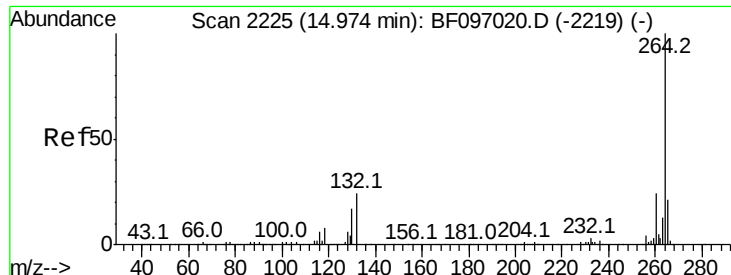
50000

0

12.55 12.60 12.65

Time-->





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097073.D
 Acq: 26 Jul 2017 14:12

Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-NSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.3	17.2	25.8

