

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097072.D
 Acq On : 26 Jul 2017 13:45
 Operator : SJ/JU
 Sample : I4443-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-SSW

Quant Time: Jul 26 15:52:43 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

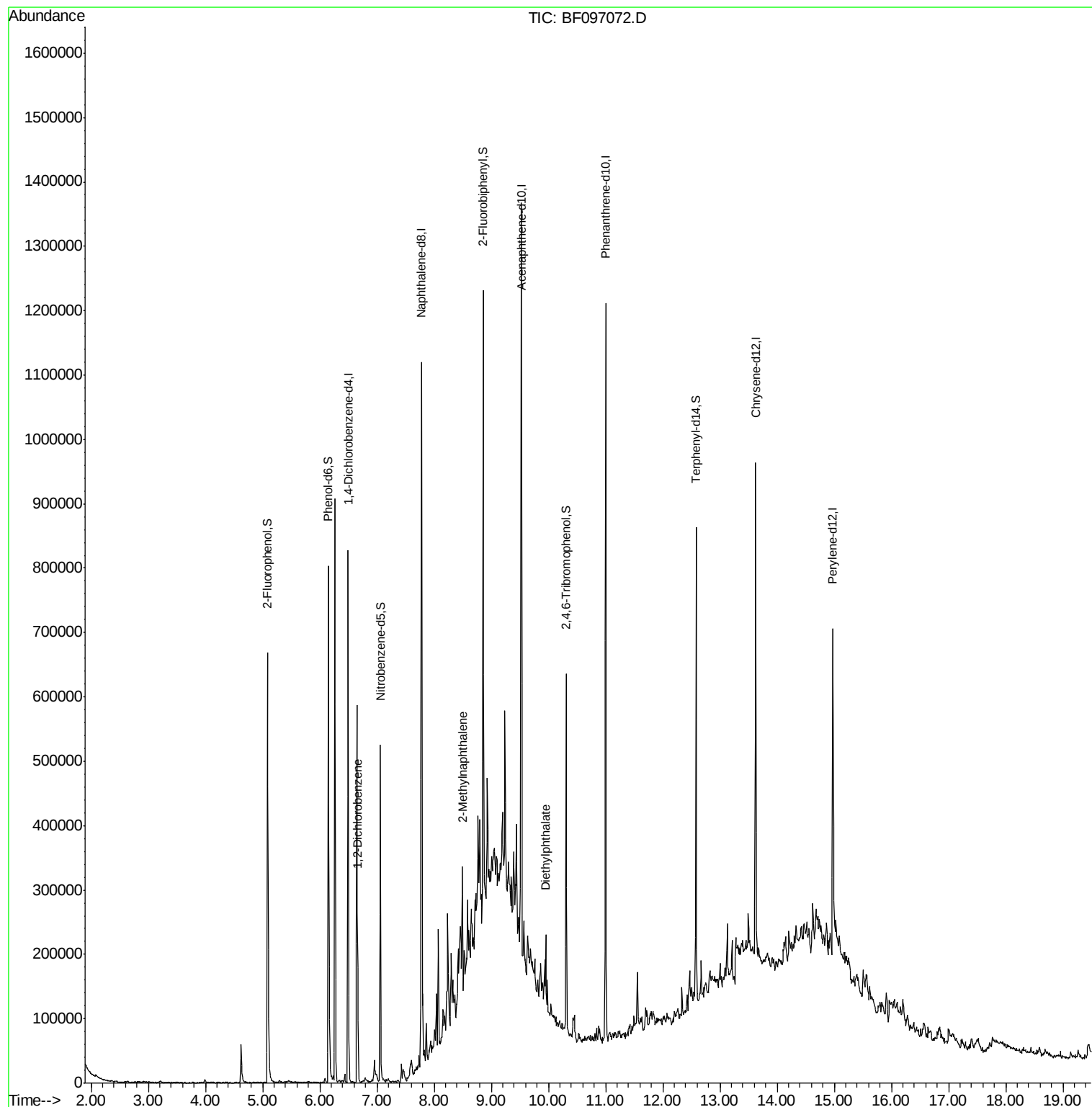
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	115089	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	525215	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	234982	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	386285	20.00	ng	0.00
75) Chrysene-d12	13.62	240	264155	20.00	ng	0.00
86) Perylene-d12	14.97	264	200837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	204677	26.81	ng	-0.01
7) Phenol-d6	6.15	99	252471	28.97	ng	-0.02
23) Nitrobenzene-d5	7.06	82	146452	16.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	57928	31.20	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	279870	20.21	ng	-0.01
78) Terphenyl-d14	12.58	244	202582	15.64	ng	0.00
Target Compounds						
14) 1,2-Dichlorobenzene	6.66	146	34219	4.495	ng	98
37) 2-Methylnaphthalene	8.49	142	44761	2.855	ng	95
59) Diethylphthalate	9.96	149	41755	2.551	ng	97

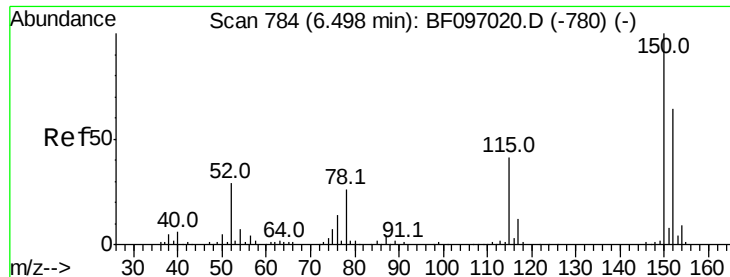
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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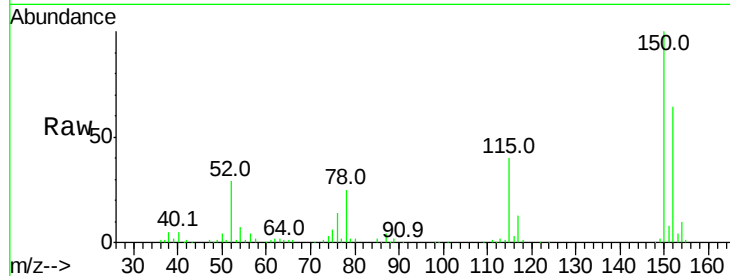


#1

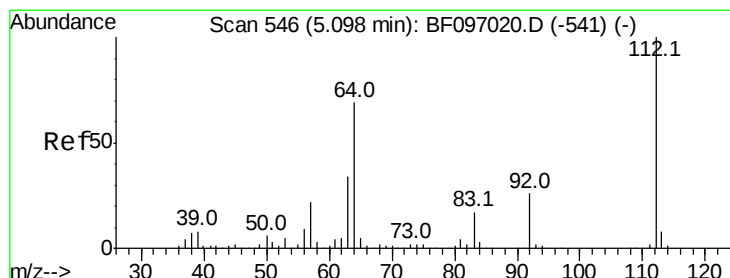
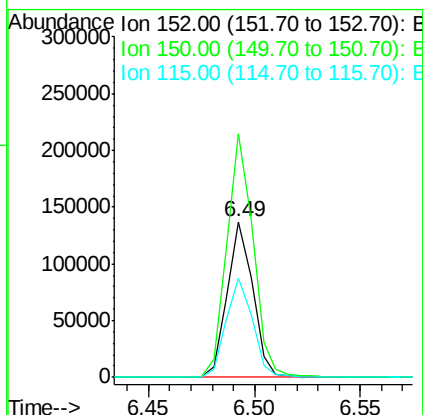
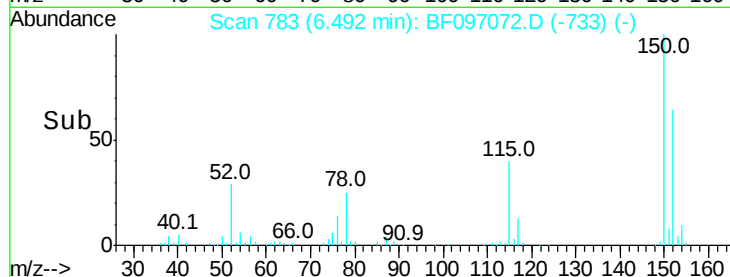
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Instrument :
BNA_F
ClientSampleId :
E2-M7-SSW

Tot Ion:152 Resp: 115089
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 63.2 52.2 78.2



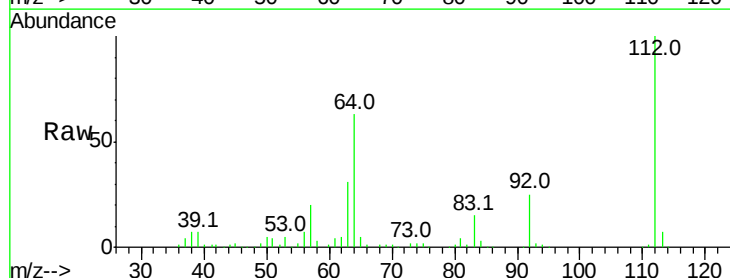
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



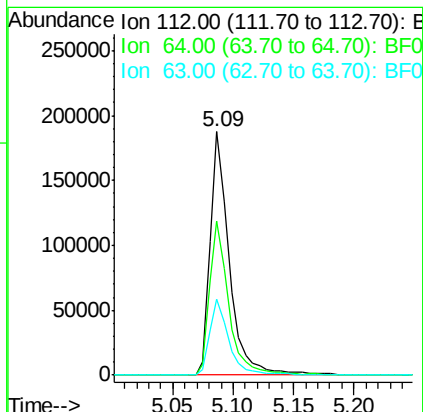
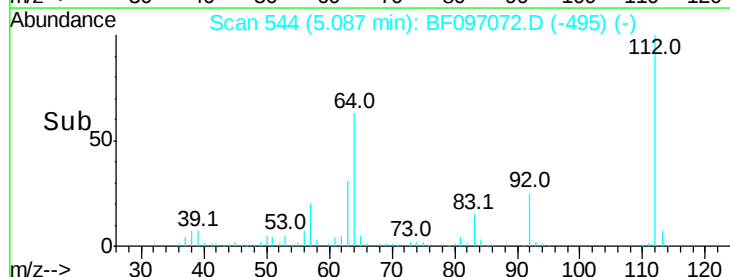
#5

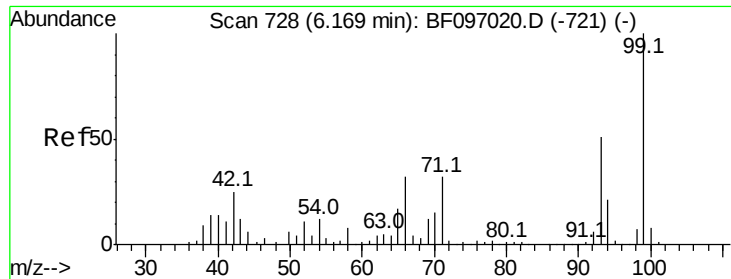
2-Fluorophenol
Concen: 26.810 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Tgt Ion:112 Resp: 204677
Ion Ratio Lower Upper
112 100
64 63.5 46.0 69.0
63 31.1 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: 28.967 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097072.D

Acq: 26 Jul 2017 13:45

Instrument :

BNA_F

ClientSampleId :

E2-M7-SSW

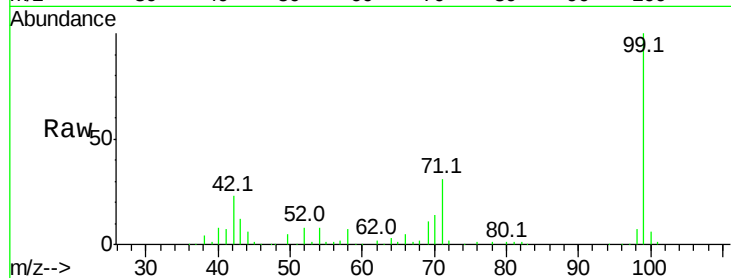
Tot Ion: 99 Resp: 252471

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

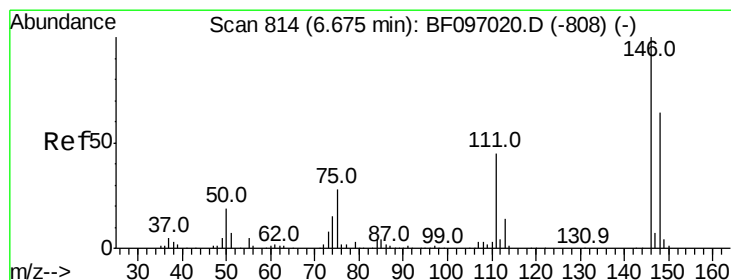
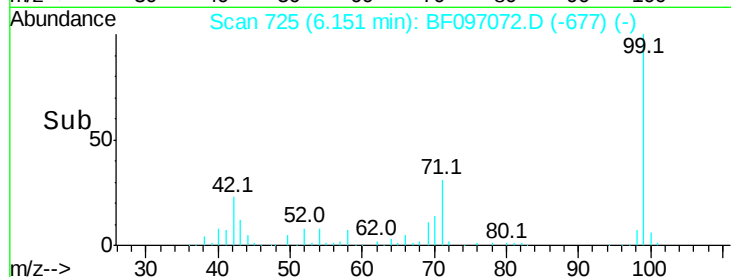
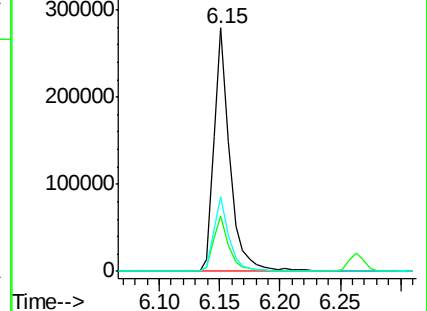
71 30.5 24.5 36.7



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



#14

1,2-Dichlorobenzene

Concen: 4.495 ng

RT: 6.66 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF097072.D

Acq: 26 Jul 2017 13:45

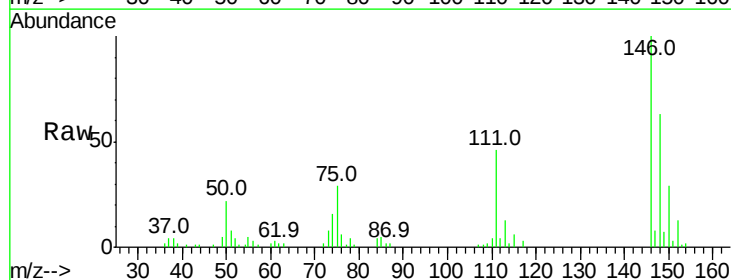
Tgt Ion: 146 Resp: 34219

Ion Ratio Lower Upper

146 100

148 62.6 50.4 75.6

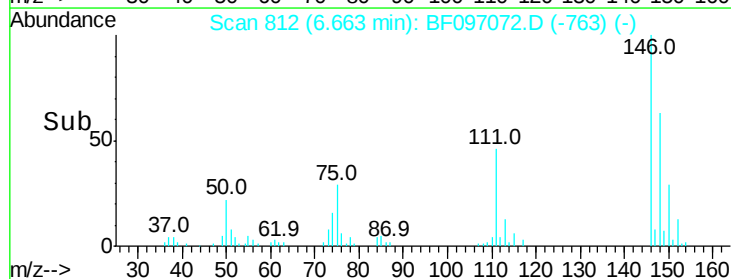
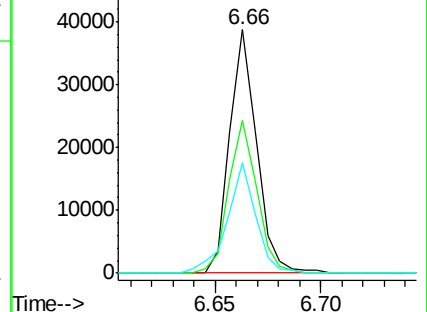
111 45.6 38.2 57.4

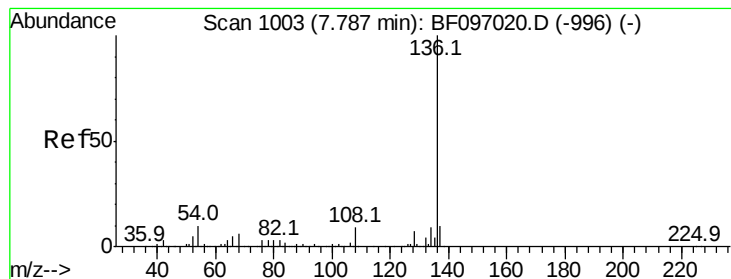


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097072.D

Acq: 26 Jul 2017 13:45

Instrument :

BNA_F

ClientSampleId :

E2-M7-SSW

Tot Ion:136 Resp: 525215

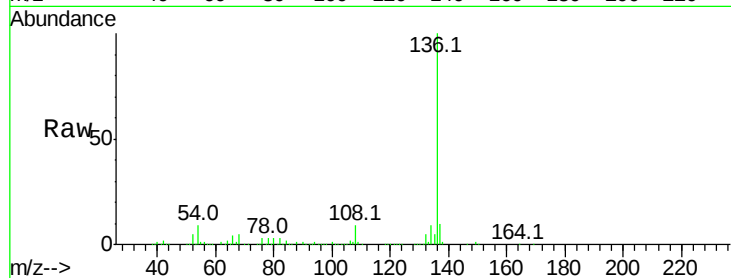
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 9.4 4.9 7.3#

68 4.9 4.1 6.1

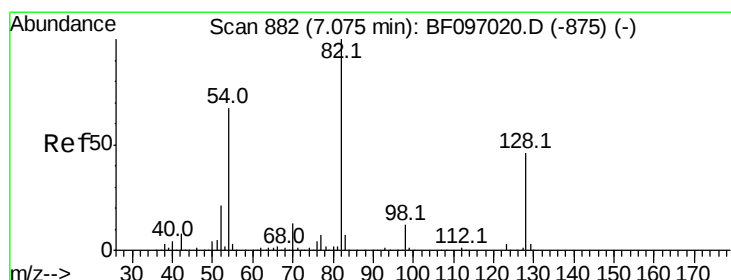
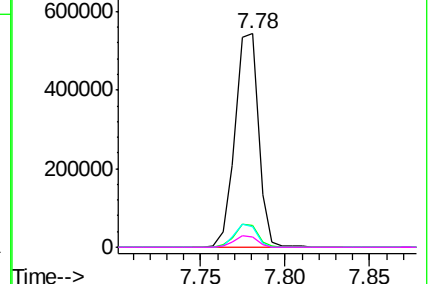
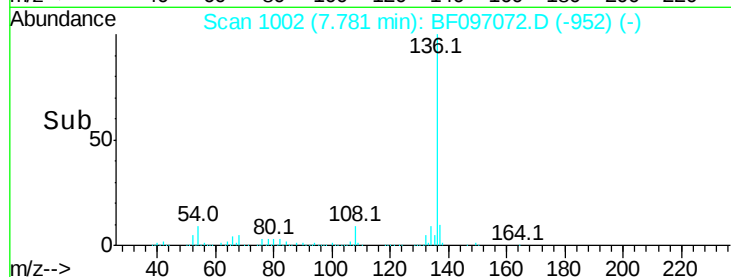


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.358 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF097072.D

Acq: 26 Jul 2017 13:45

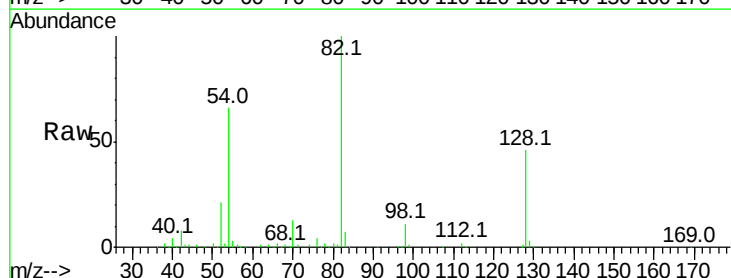
Tgt Ion: 82 Resp: 146452

Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

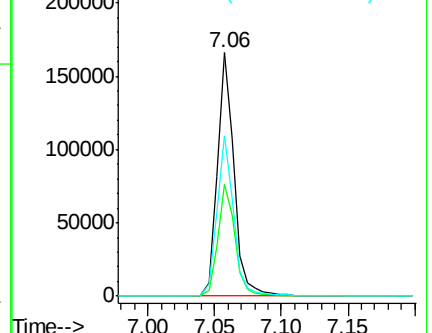
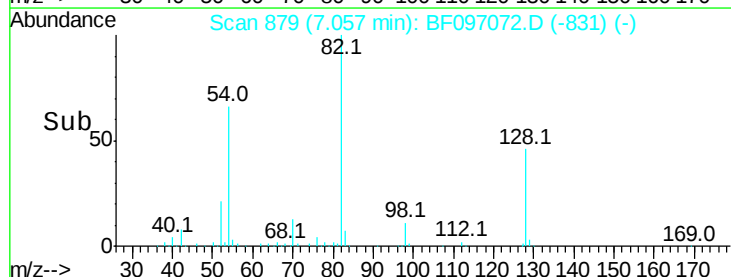
54 65.6 42.2 63.2#

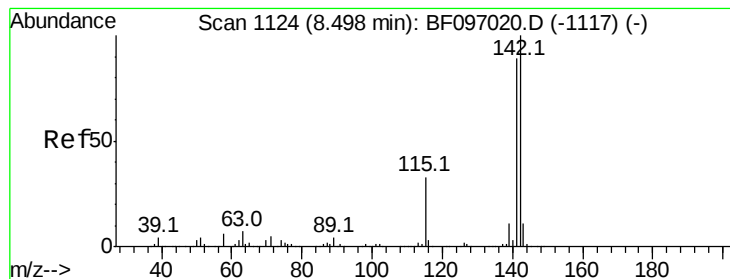


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

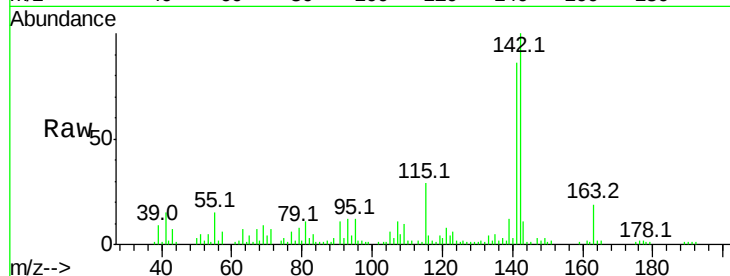




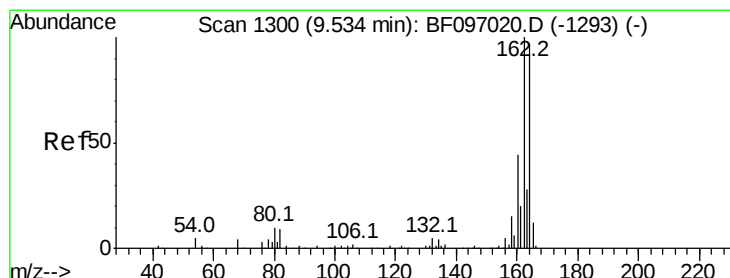
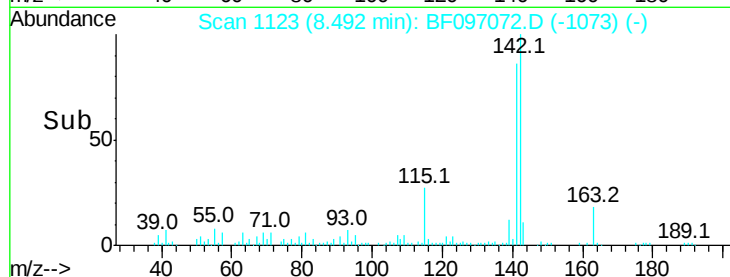
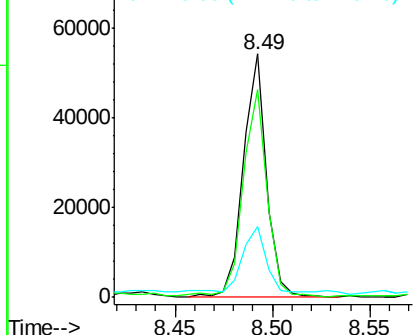
#37
2-Methylnaphthalene
Concen: 2.855 ng
RT: 8.49 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Instrument :
BNA_F
ClientSampleId :
E2-M7-SSW

Tot Ion:142 Resp: 44761
Ion Ratio Lower Upper
142 100
141 85.6 71.3 106.9
115 29.2 27.1 40.7

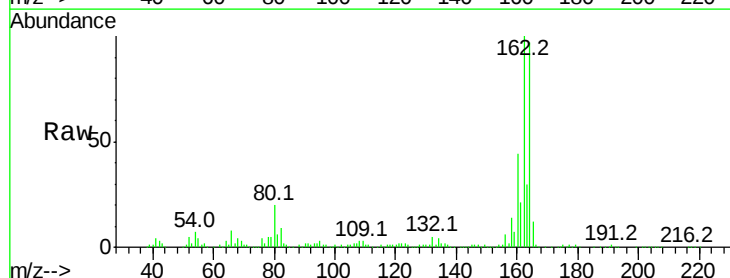


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

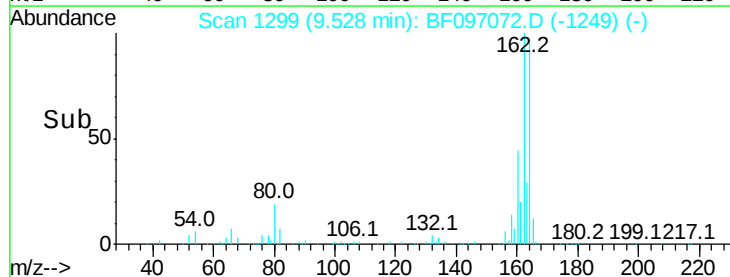
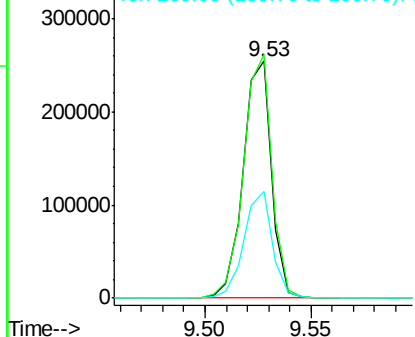


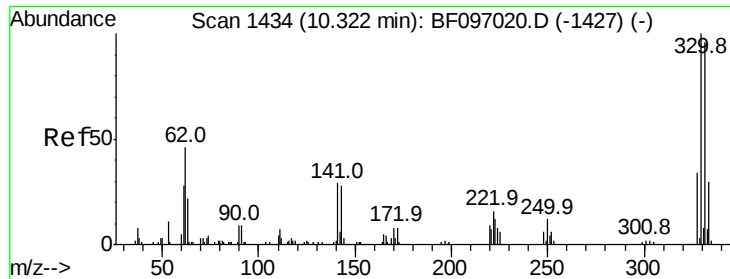
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Tgt Ion:164 Resp: 234982
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 45.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

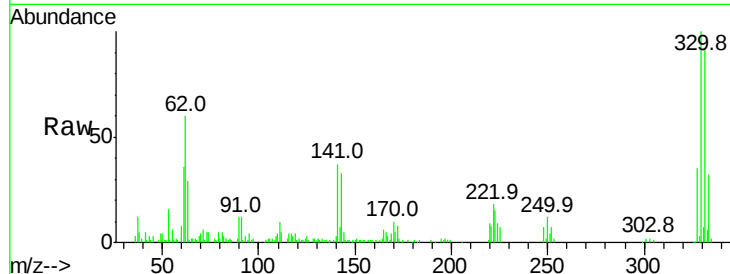




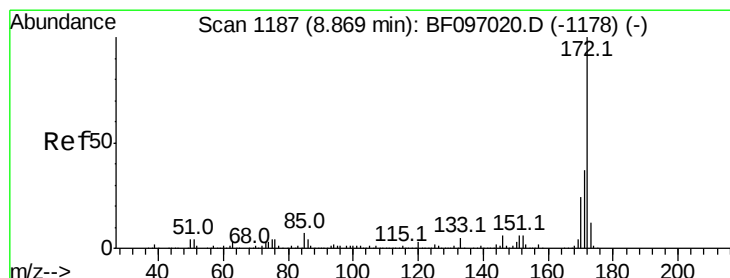
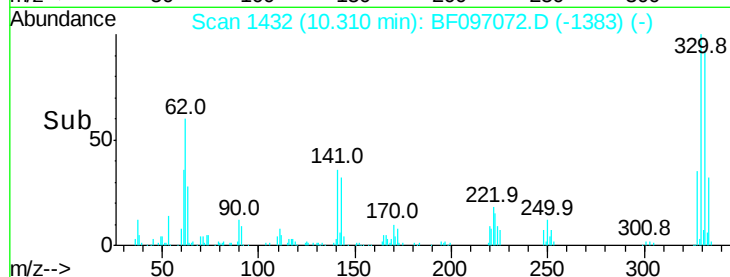
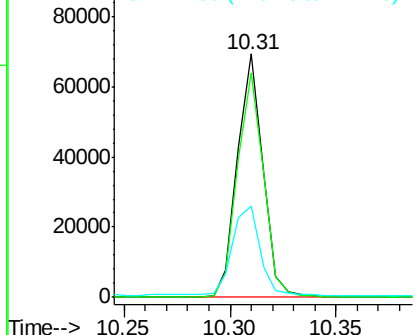
#41
 2,4,6-Tribromophenol
 Concen: 31.201 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097072.D
 Acq: 26 Jul 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-SSW

Tot Ion:330 Resp: 57928
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.6 115.0
 141 39.6 31.4 47.2

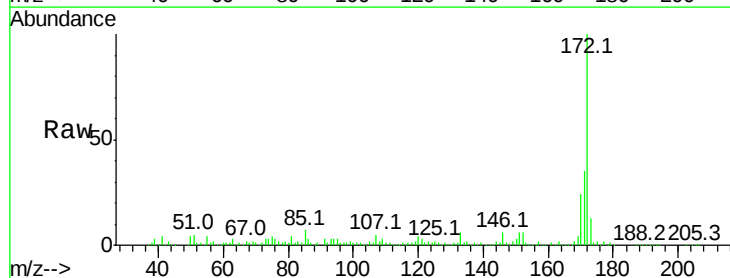


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

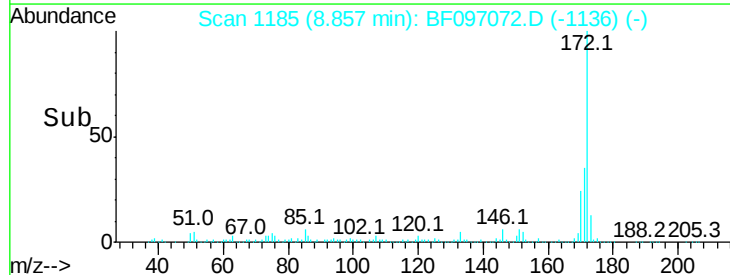
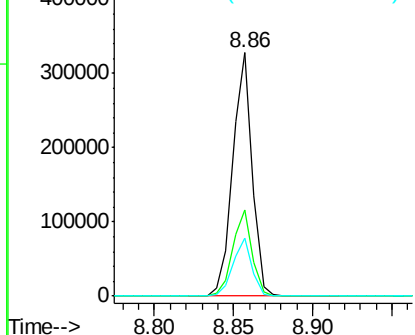


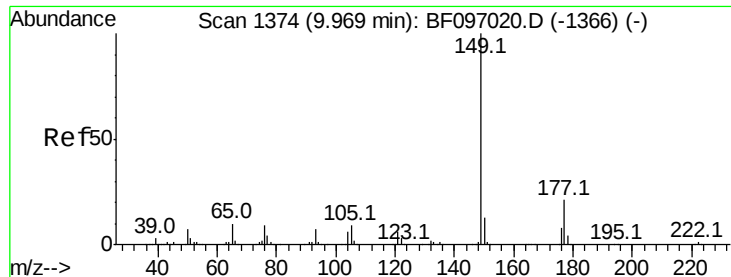
#44
 2-Fluorobiphenyl
 Concen: 20.213 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097072.D
 Acq: 26 Jul 2017 13:45

Tgt Ion:172 Resp: 279870
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.6 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

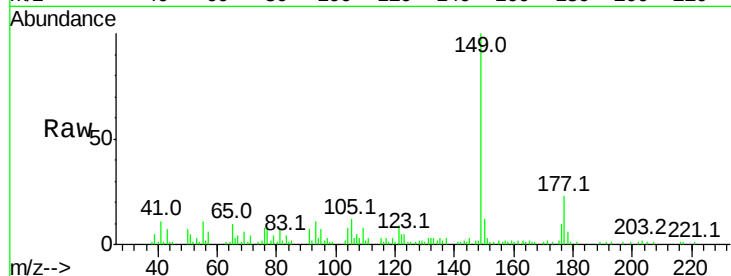




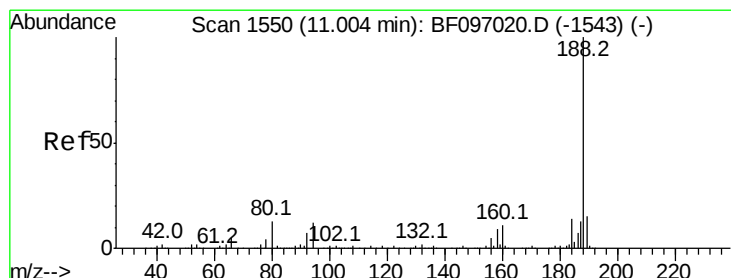
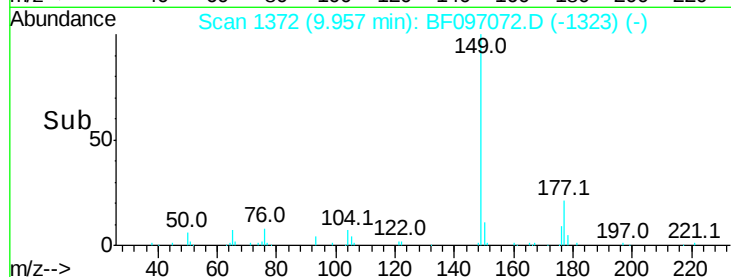
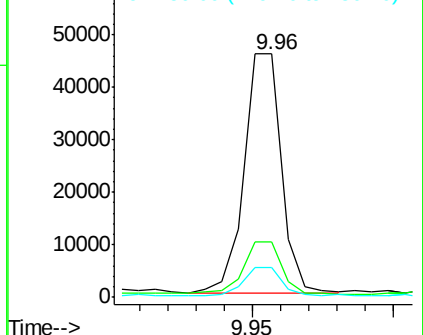
#59
Diethylphthalate
Concen: 2.551 ng
RT: 9.96 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Instrument :
BNA_F
ClientSampleId :
E2-M7-SSW

Tot Ion:149 Resp: 41755
Ion Ratio Lower Upper
149 100
177 22.9 16.7 25.1
150 12.1 10.2 15.2

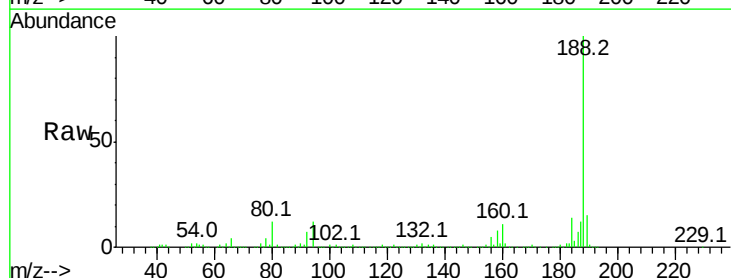


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

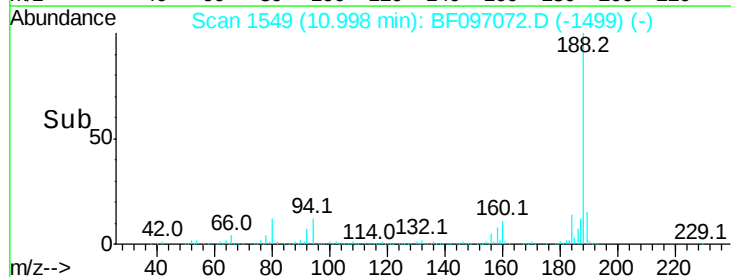
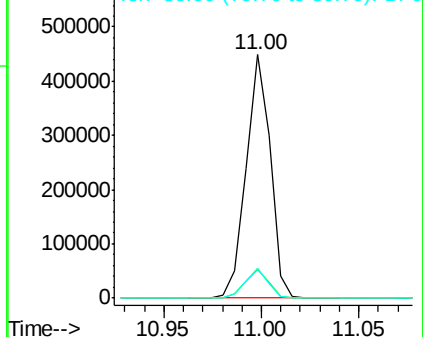


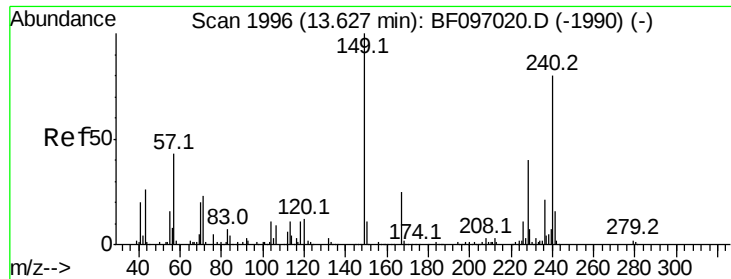
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Tgt Ion:188 Resp: 386285
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.4 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: BF097072.D

Acq: 26 Jul 2017 13:45

Instrument :

BNA_F

ClientSampleId :

E2-M7-SSW

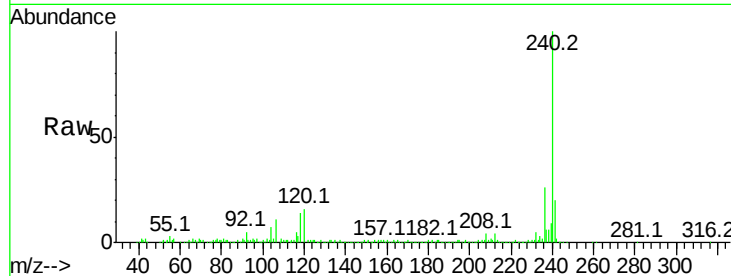
Tot Ion:240 Resp: 264155

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

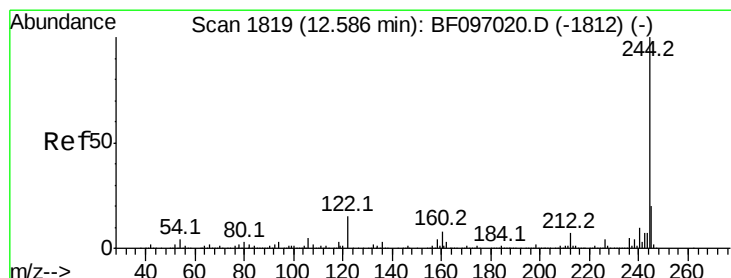
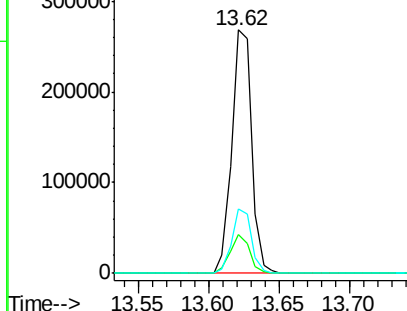
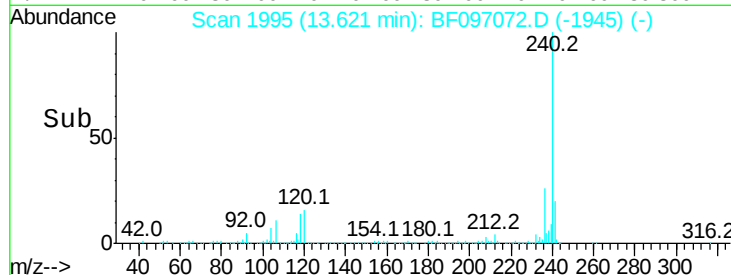
236 26.3 20.5 30.7



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: 15.636 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097072.D

Acq: 26 Jul 2017 13:45

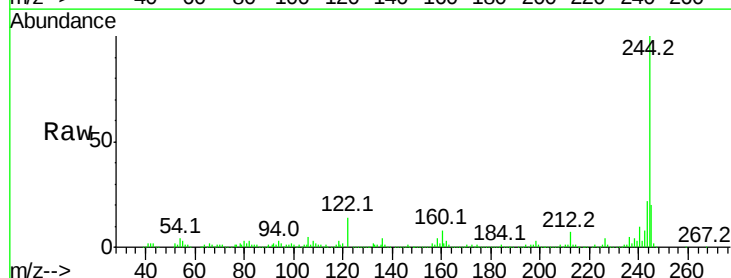
Tgt Ion:244 Resp: 202582

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

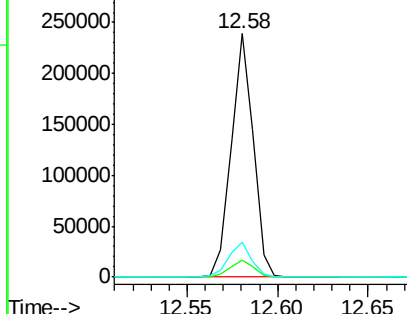
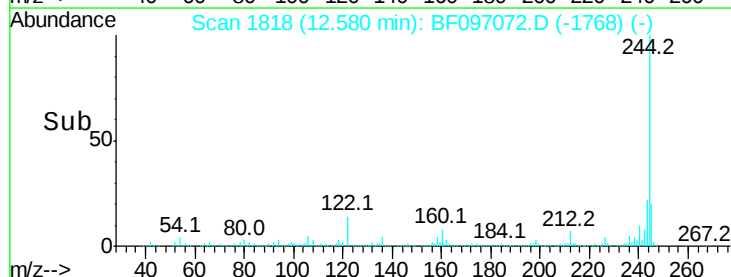
122 14.2 10.3 15.5

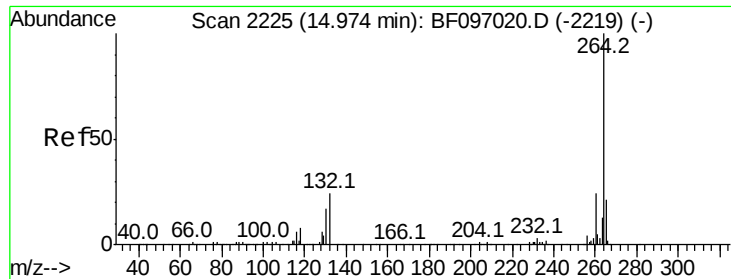


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

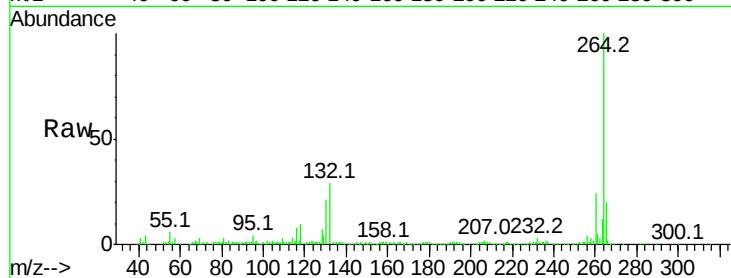




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Instrument :
BNA_F
ClientSampleId :
E2-M7-SSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	19.7	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

