

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097113.D
 Acq On : 27 Jul 2017 9:02
 Operator : SJ/JU
 Sample : I4443-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-NSW

Quant Time: Jul 27 11:21:25 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

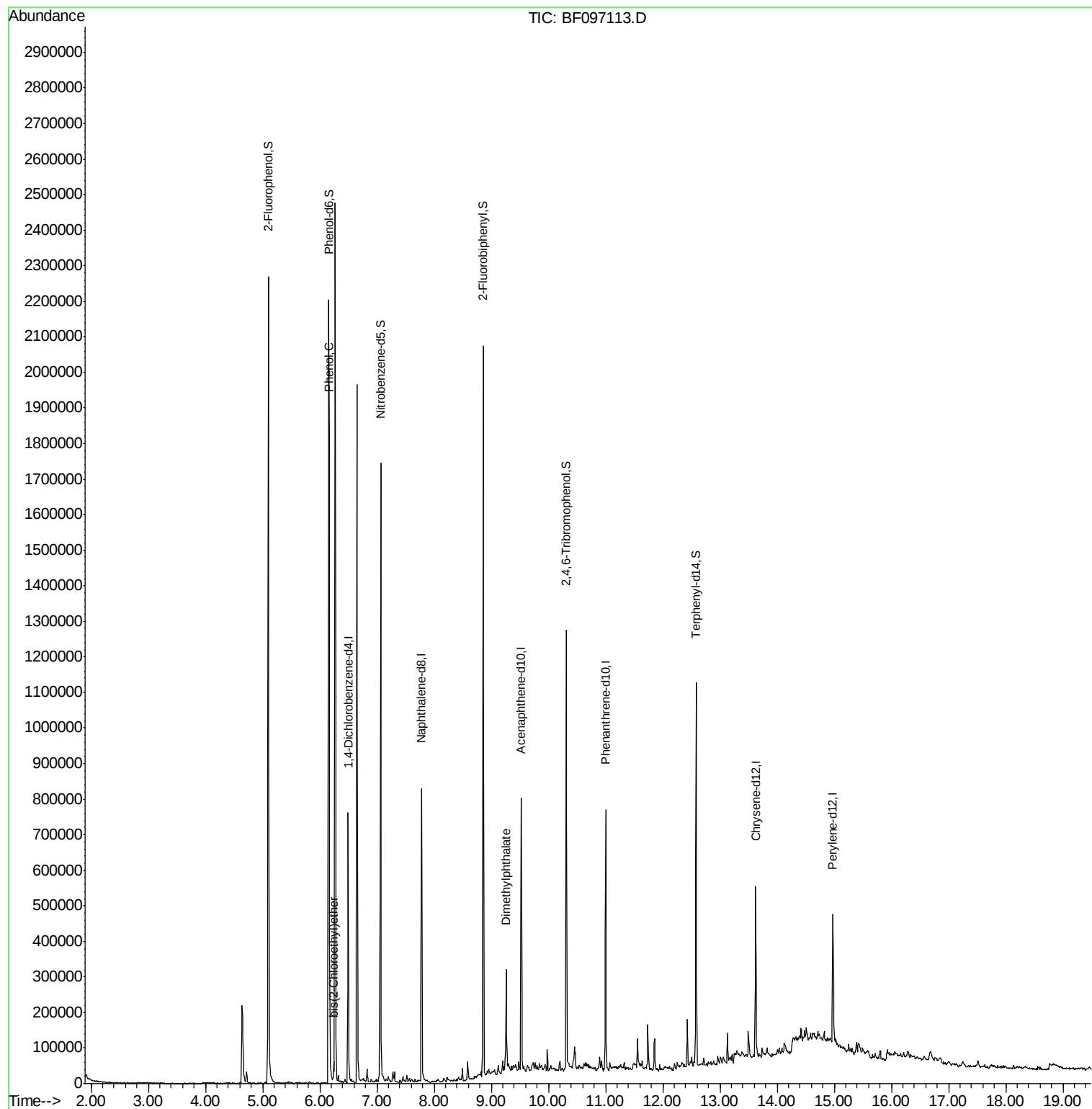
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	110268	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	391463	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	158676	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	231760	20.00	ng	0.00
75) Chrysene-d12	13.63	240	174524	20.00	ng	0.00
86) Perylene-d12	14.97	264	145894	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	666618	91.13	ng	0.00
7) Phenol-d6	6.16	99	819118	98.09	ng	-0.01
23) Nitrobenzene-d5	7.06	82	534804	80.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	126098	100.58	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	613416	65.61	ng	-0.01
78) Terphenyl-d14	12.58	244	333136	38.92	ng	0.00
Target Compounds						
10) Phenol	6.17	94	41988	4.239	ng	99
11) bis(2-Chloroethyl)ether	6.24	93	16896	2.157	ng	86
49) Dimethylphthalate	9.26	163	112560	9.341	ng	99

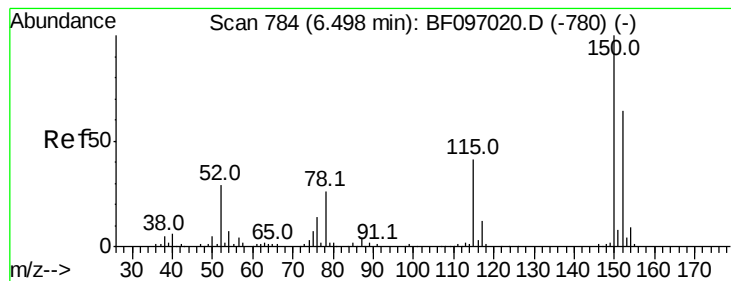
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF097113.D

Acq: 27 Jul 2017 9:02

Instrument :

BNA_F

ClientSampleId :

E2-M7-NSW

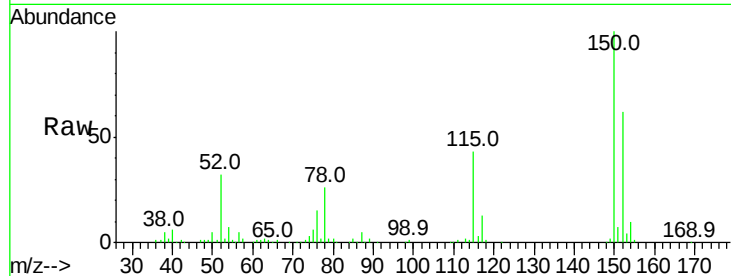
Tot Ion:152 Resp: 110268

Ion Ratio Lower Upper

152 100

150 162.0 126.2 189.2

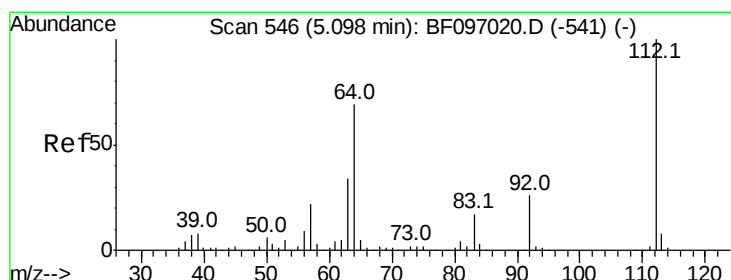
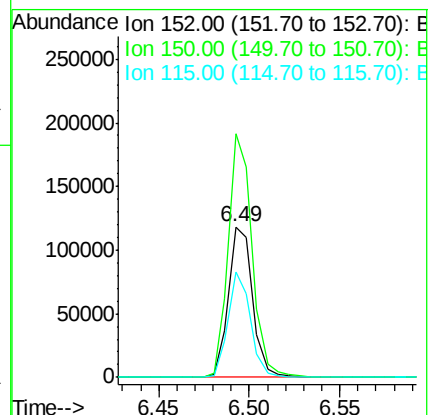
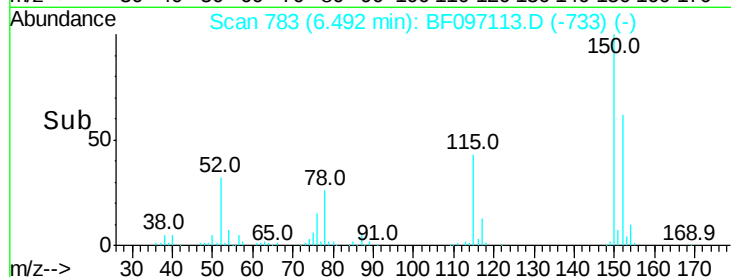
115 69.7 52.2 78.2



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: 91.134 ng

RT: 5.10 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF097113.D

Acq: 27 Jul 2017 9:02

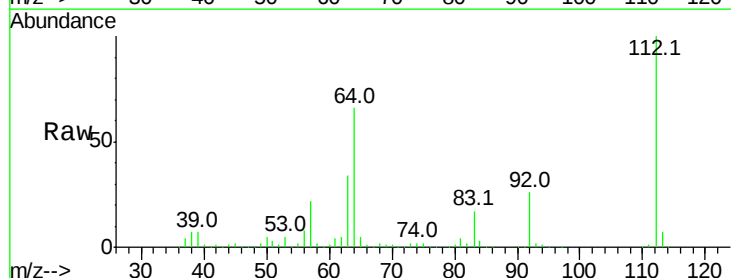
Tgt Ion:112 Resp: 666618

Ion Ratio Lower Upper

112 100

64 65.9 46.0 69.0

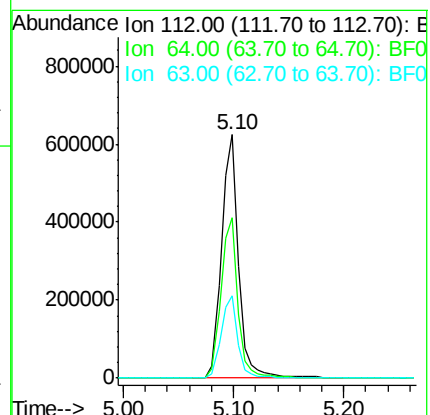
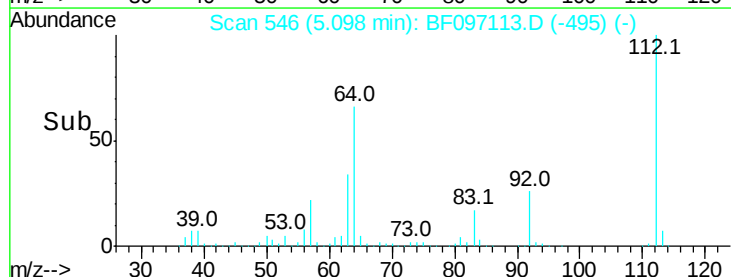
63 33.9 23.4 35.0

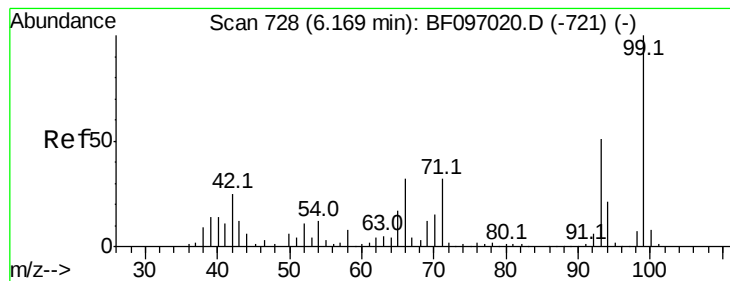


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.091 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097113.D

Acq: 27 Jul 2017 9:02

Instrument :

BNA_F

ClientSampleId :

E2-M7-NSW

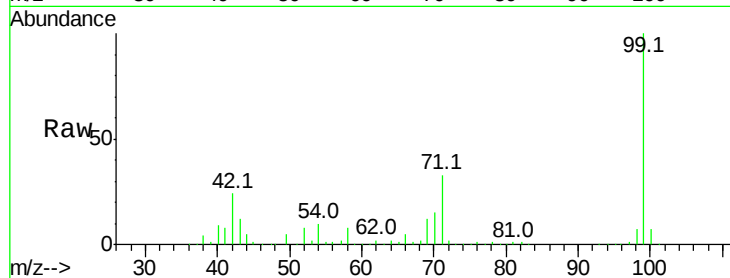
Tot Ion: 99 Resp: 819118

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

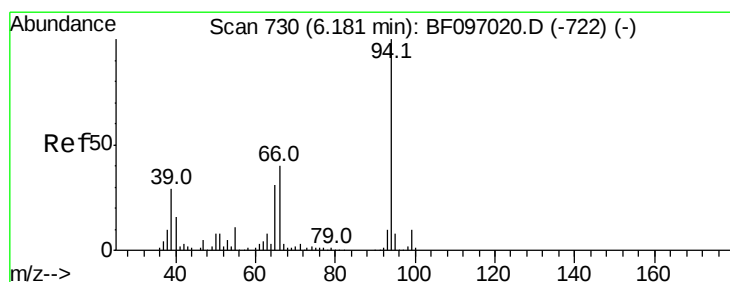
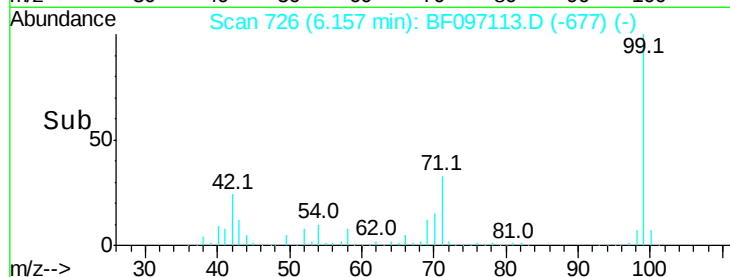
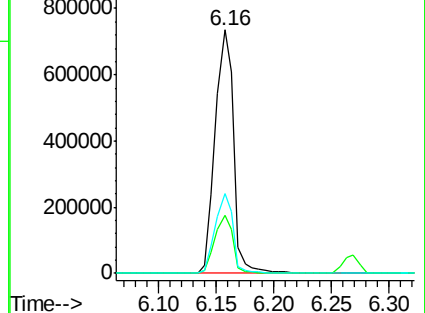
71 32.5 24.5 36.7



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



#10

Phenol

Concen: 4.239 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097113.D

Acq: 27 Jul 2017 9:02

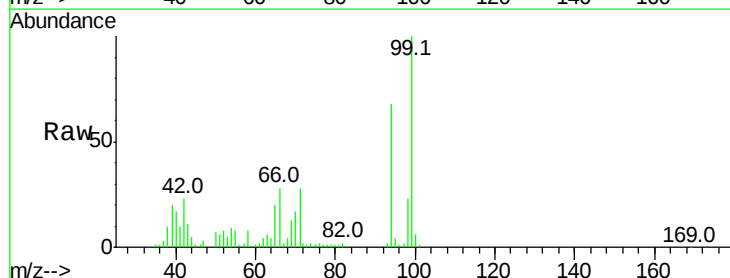
Tgt Ion: 94 Resp: 41988

Ion Ratio Lower Upper

94 100

65 29.8 9.9 49.9

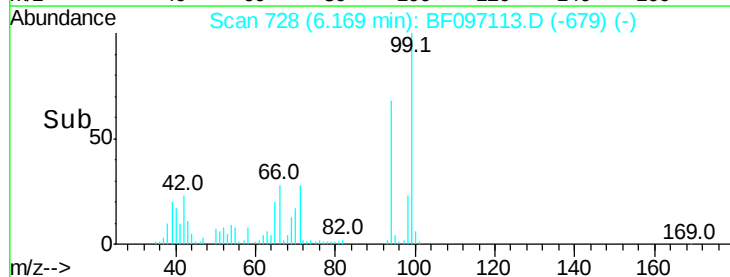
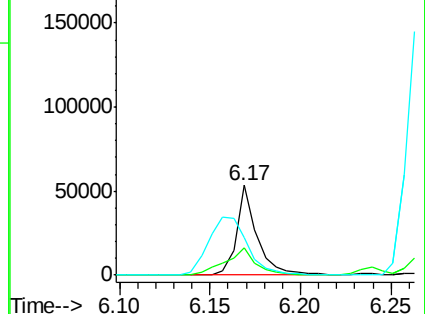
66 41.7 23.1 63.1

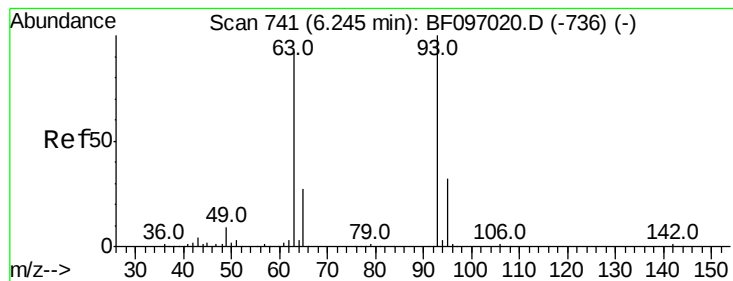


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 2.157 ng

RT: 6.24 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF097113.D

Acq: 27 Jul 2017 9:02

Instrument :

BNA_F

ClientSampleId :

E2-M7-NSW

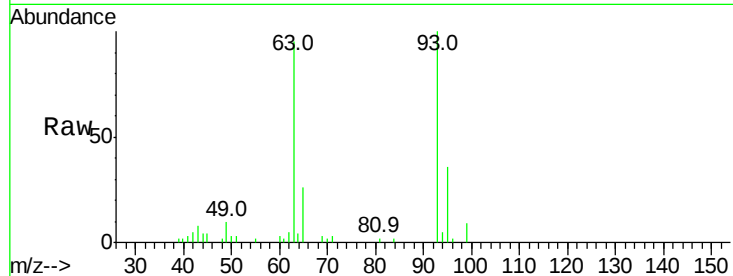
Tot Ion: 93 Resp: 16896

Ion Ratio Lower Upper

93 100

63 94.8 59.2 99.2

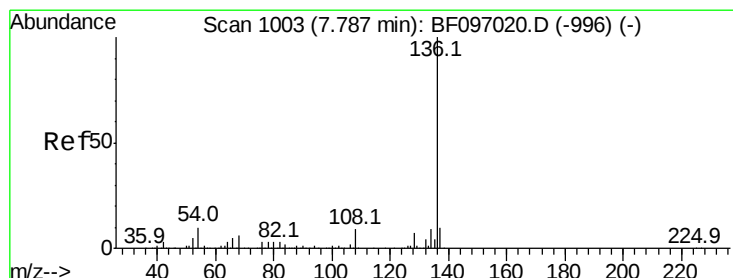
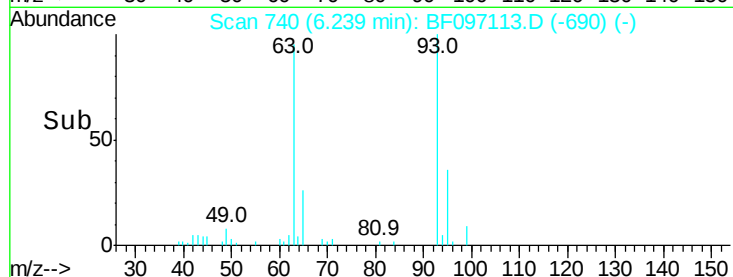
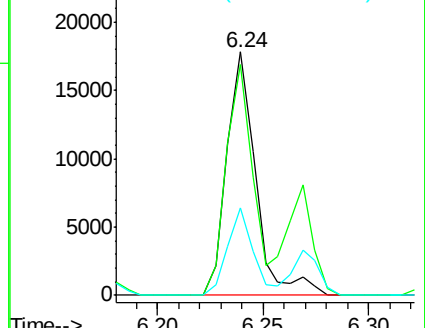
95 35.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097113.D

Acq: 27 Jul 2017 9:02

Tgt Ion:136 Resp: 391463

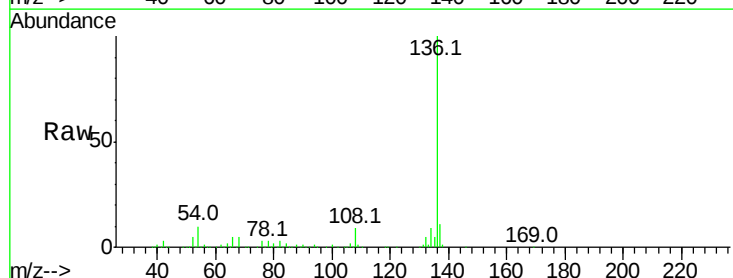
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 10.1 4.9 7.3#

68 4.9 4.1 6.1

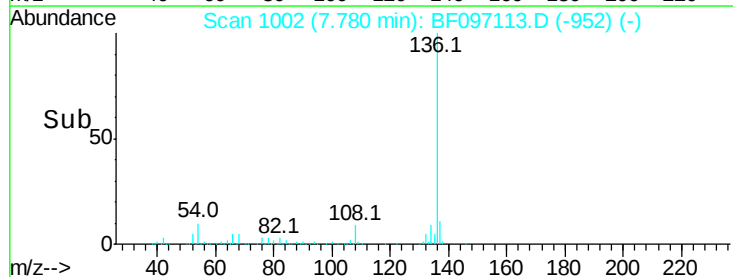
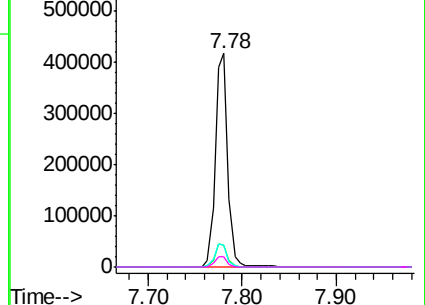


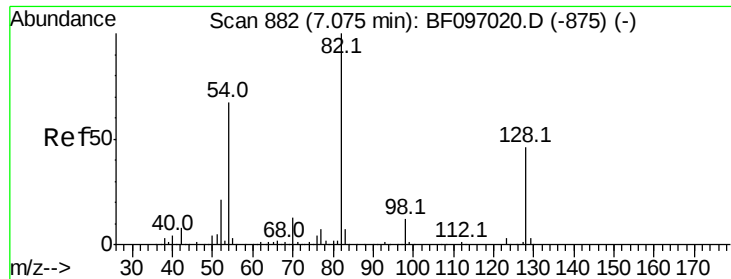
Abundance Ion 136.00 (135.70 to 136.70): E

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

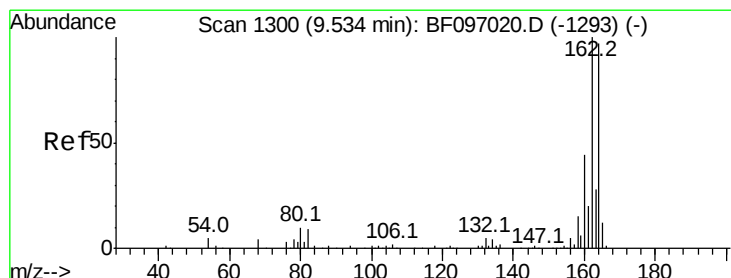
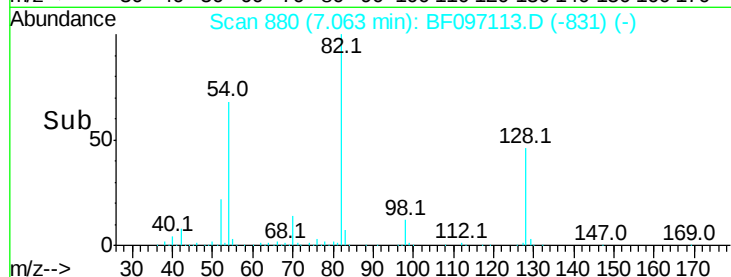
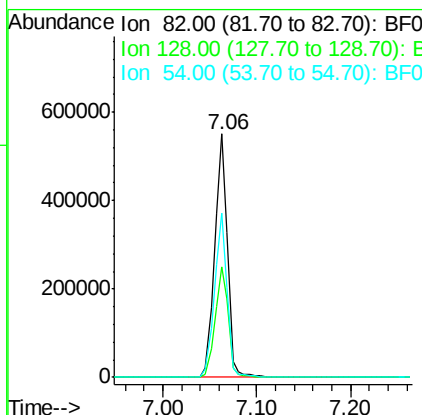
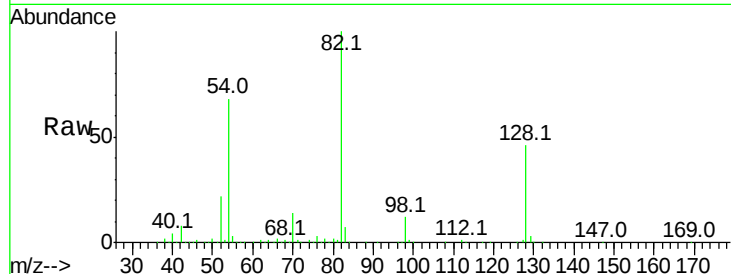




#23
 Nitrobenzene-d5
 Concen: 80.145 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097113.D
 Acq: 27 Jul 2017 9:02

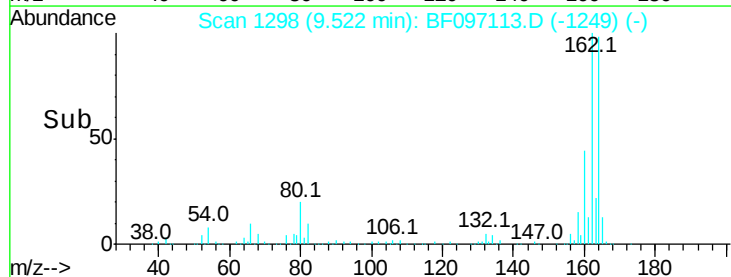
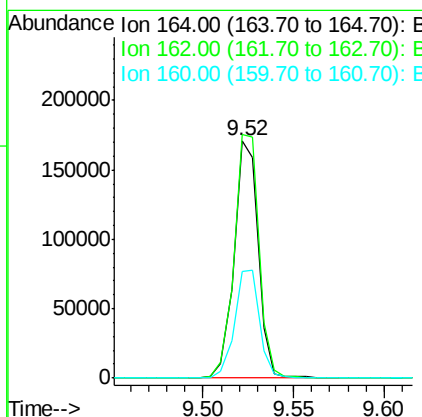
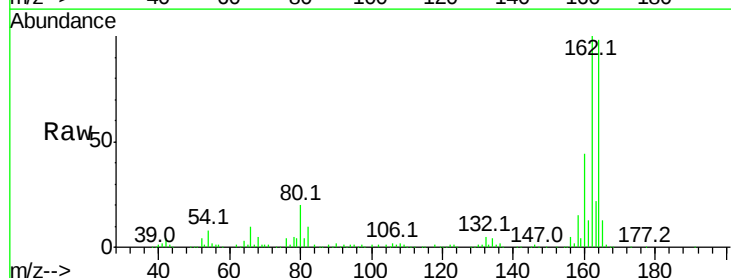
Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-NSW

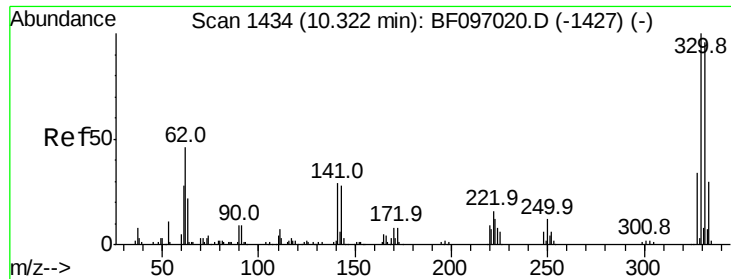
Tot Ion: 82 Resp: 534804
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.0 51.0
 54 67.6 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF097113.D
 Acq: 27 Jul 2017 9:02

Tgt Ion:164 Resp: 158676
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 44.8 36.2 54.2

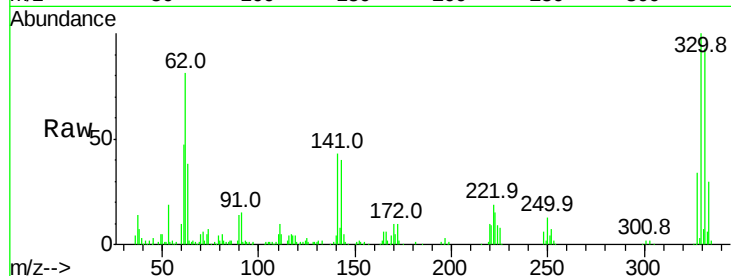




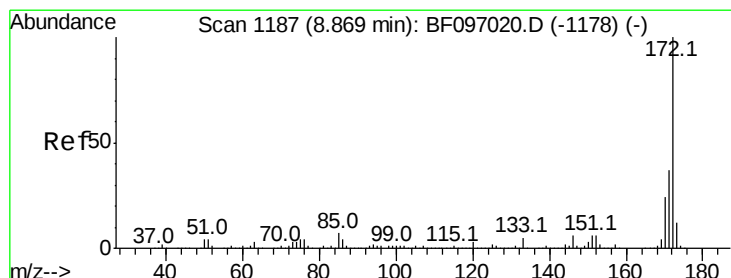
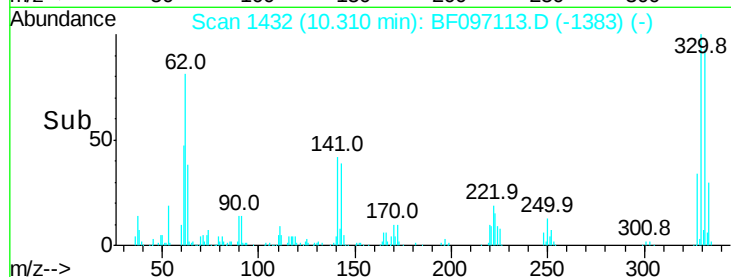
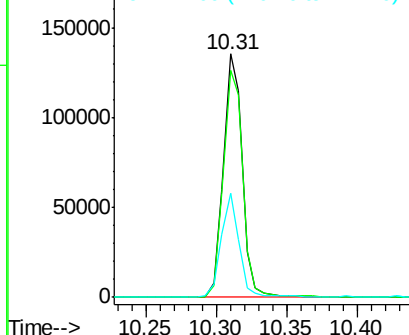
#41
 2,4,6-Tribromophenol
 Concen: 100.581 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097113.D
 Acq: 27 Jul 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-NSW

Tot Ion:330 Resp: 126098
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 41.6 31.4 47.2

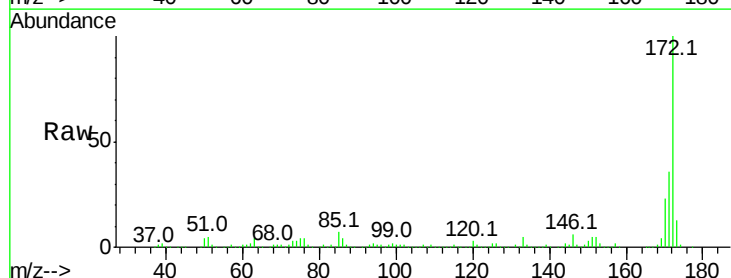


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

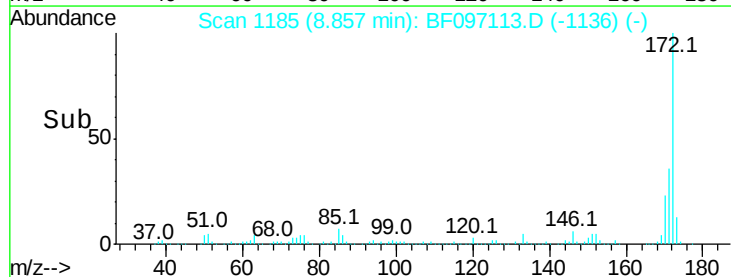
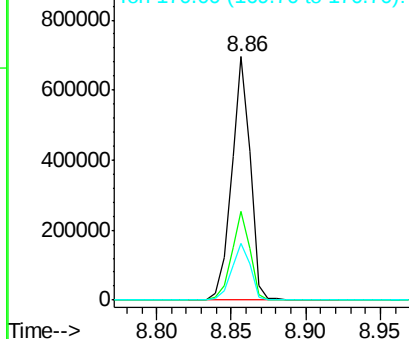


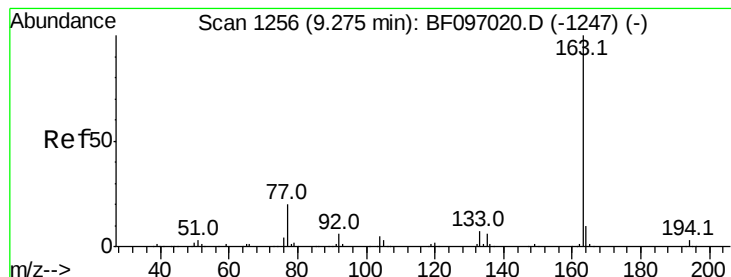
#44
 2-Fluorobiphenyl
 Concen: 65.607 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097113.D
 Acq: 27 Jul 2017 9:02

Tgt Ion:172 Resp: 613416
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.4 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





#49

Dimethylphthalate

Concen: 9.341 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF097113.D

Acq: 27 Jul 2017 9:02

Instrument :

BNA_F

ClientSampleId :

E2-M7-NSW

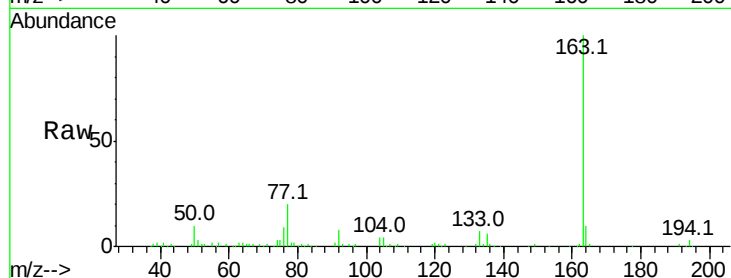
Tot Ion:163 Resp: 112560

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

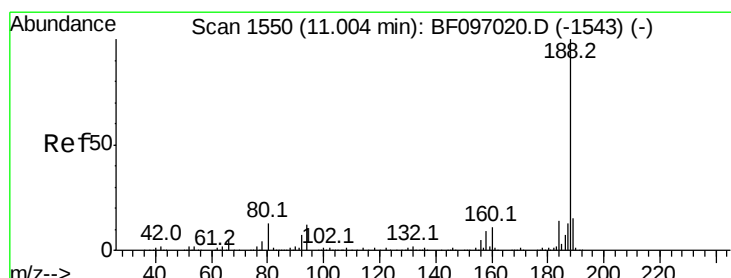
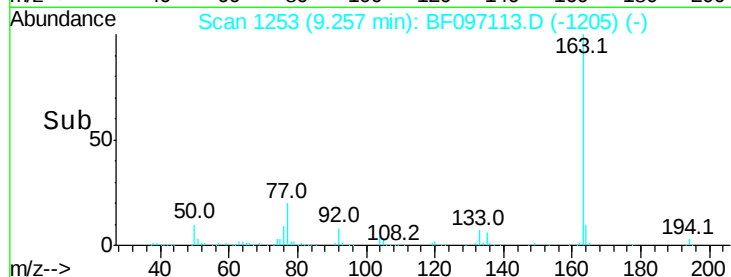
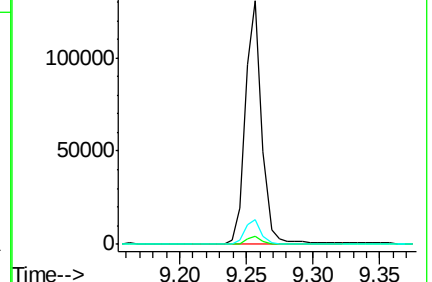
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.00 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF097113.D

Acq: 27 Jul 2017 9:02

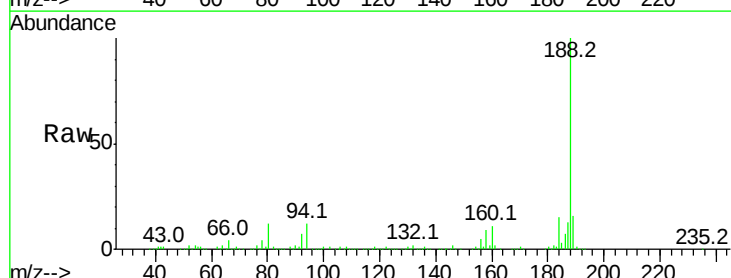
Tgt Ion:188 Resp: 231760

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

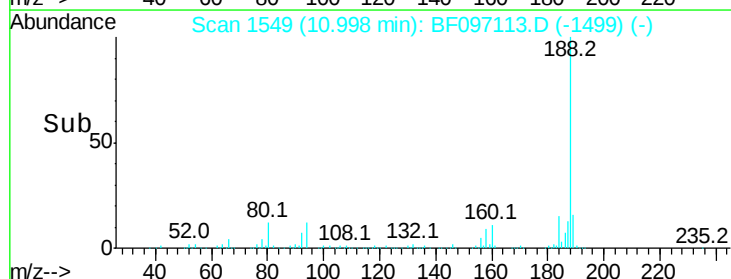
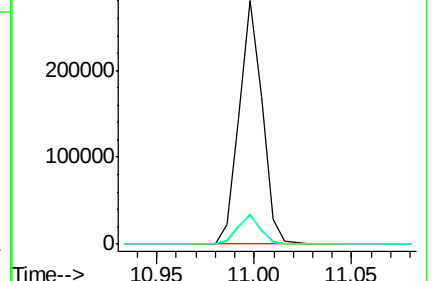
80 11.9 10.2 15.2

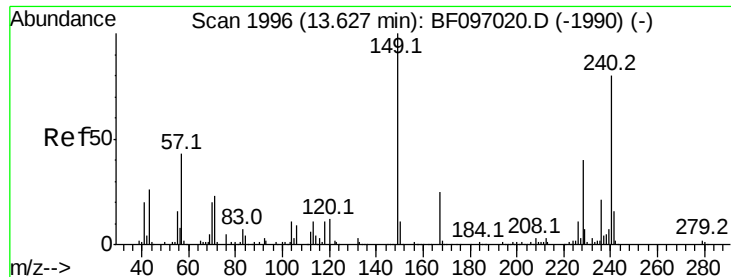


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.63 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF097113.D

Acq: 27 Jul 2017 9:02

Instrument :

BNA_F

ClientSampleId :

E2-M7-NSW

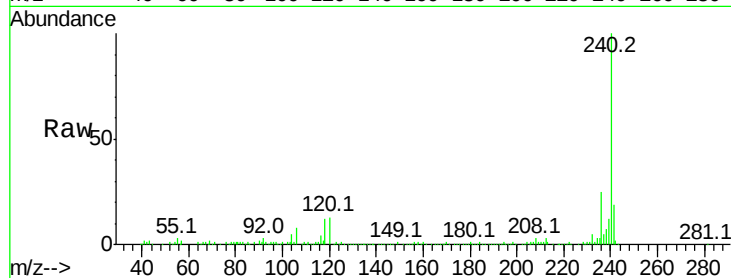
Tot Ion:240 Resp: 174524

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

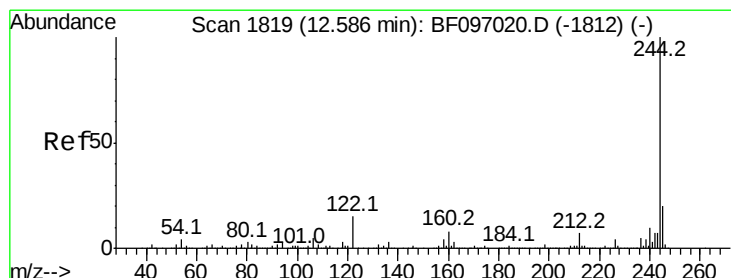
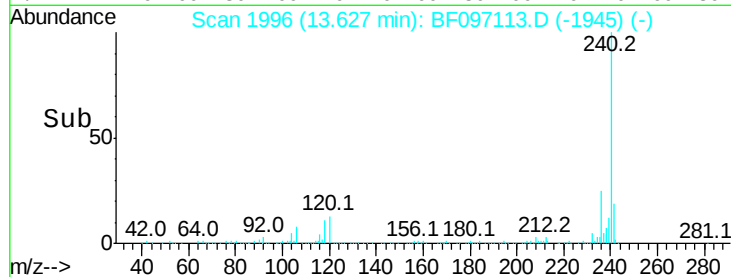
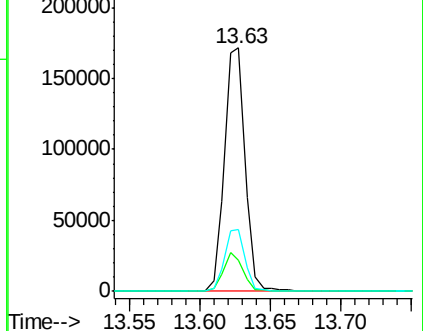
236 25.3 20.5 30.7



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: 38.918 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097113.D

Acq: 27 Jul 2017 9:02

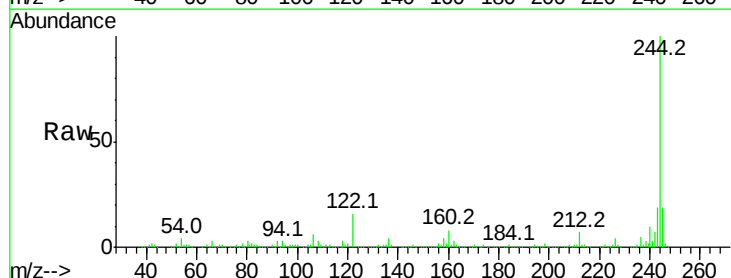
Tgt Ion:244 Resp: 333136

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

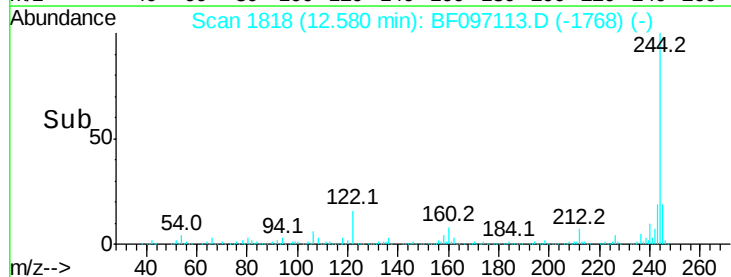
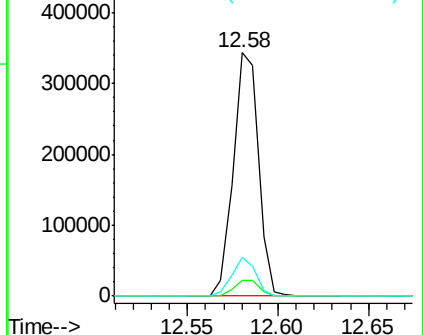
122 16.1 10.3 15.5#

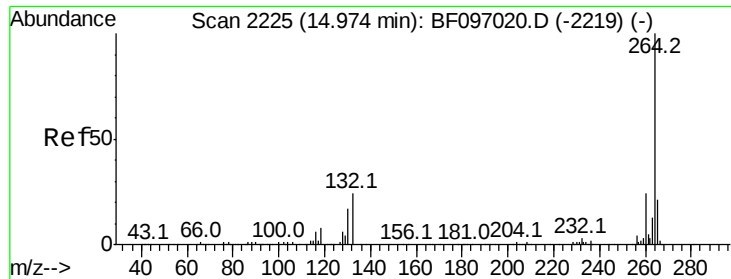


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097113.D
 Acq: 27 Jul 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-NSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.7	17.2	25.8

