

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097111.D
 Acq On : 27 Jul 2017 8:07
 Operator : SJ/JU
 Sample : I4443-10 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-SSW

Quant Time: Jul 27 11:15:52 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

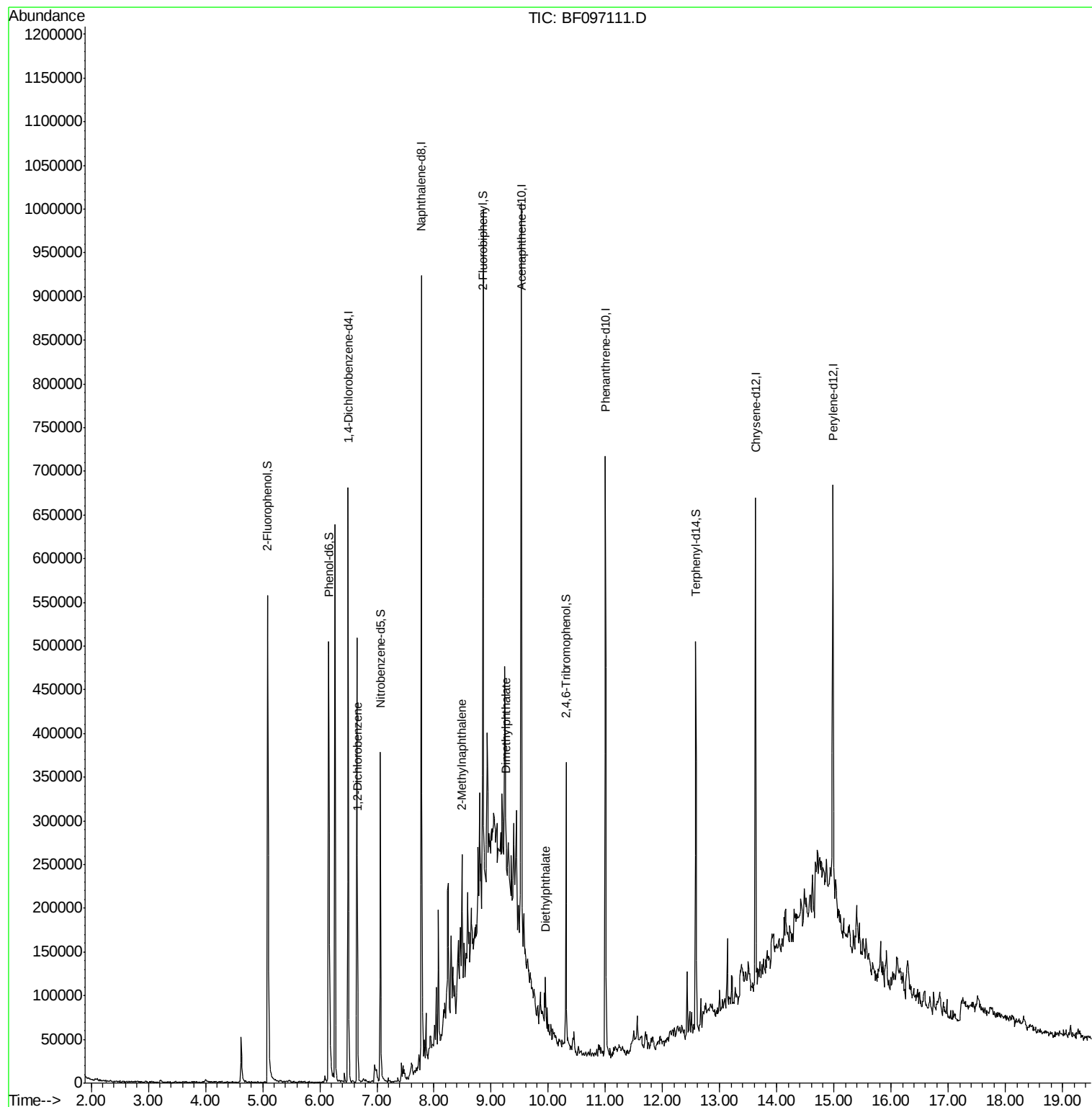
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	102097	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	395848	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	163773	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	222757	20.00	ng	0.00
75) Chrysene-d12	13.63	240	195764	20.00	ng	0.00
86) Perylene-d12	14.98	264	181068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	192636	28.44	ng	-0.01
7) Phenol-d6	6.16	99	216986	28.06	ng	-0.01
23) Nitrobenzene-d5	7.06	82	111974	16.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	29960	23.15	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	215127	22.29	ng	-0.01
78) Terphenyl-d14	12.58	244	118484	12.34	ng	0.00
Target Compounds						
14) 1,2-Dichlorobenzene	6.66	146	27261	4.037	ng	99
37) 2-Methylnaphthalene	8.49	142	31927	2.702	ng	97
49) Dimethylphthalate	9.26	163	26007	2.091	ng	98
59) Diethylphthalate	9.96	149	23532	2.062	ng	98

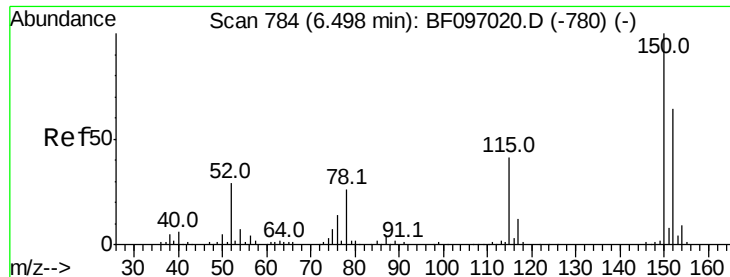
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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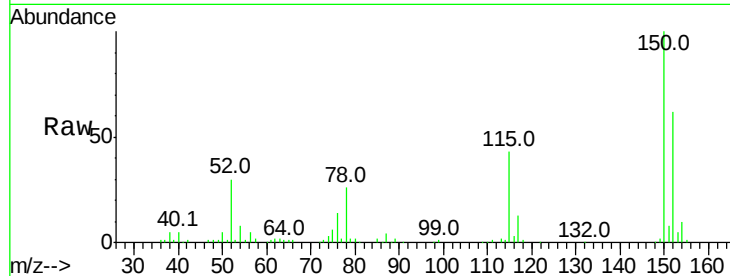


#1

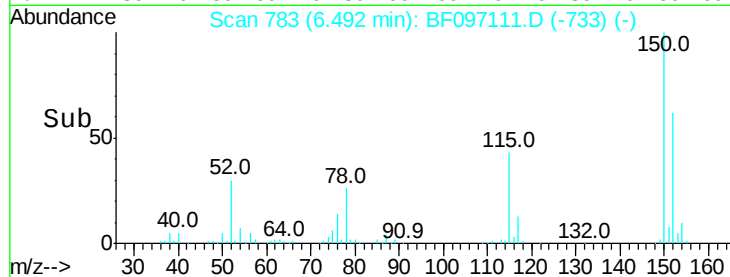
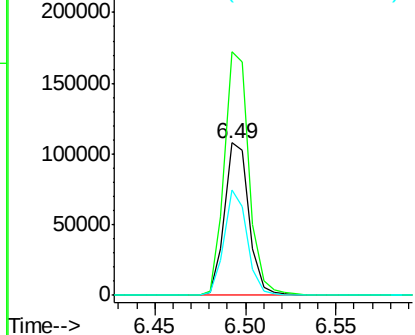
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097111.D
Acq: 27 Jul 2017 8:07

Instrument :
BNA_F
ClientSampleId :
E2-M7-SSW

Tot Ion:152 Resp: 102097
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 69.5 52.2 78.2



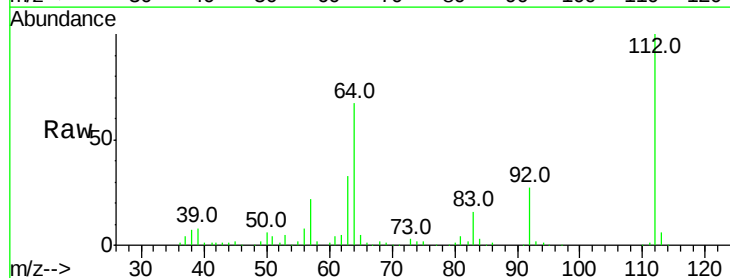
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



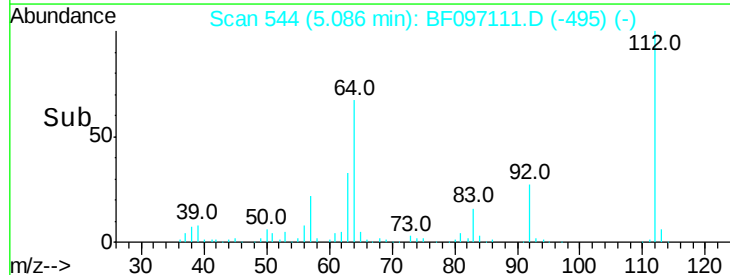
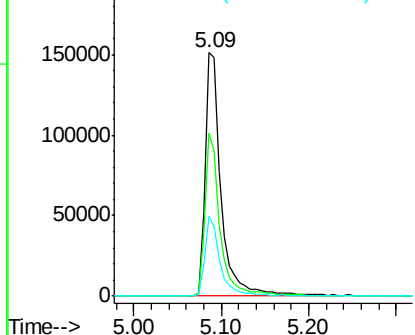
#5

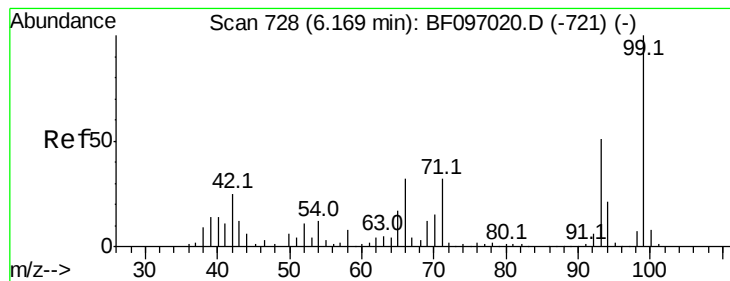
2-Fluorophenol
Concen: 28.443 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097111.D
Acq: 27 Jul 2017 8:07

Tgt Ion:112 Resp: 192636
Ion Ratio Lower Upper
112 100
64 67.1 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: 28.064 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097111.D

Acq: 27 Jul 2017 8:07

Instrument :

BNA_F

ClientSampleId :

E2-M7-SSW

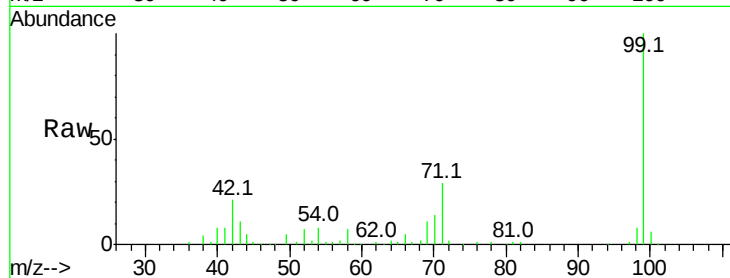
Tot Ion: 99 Resp: 216986

Ion Ratio Lower Upper

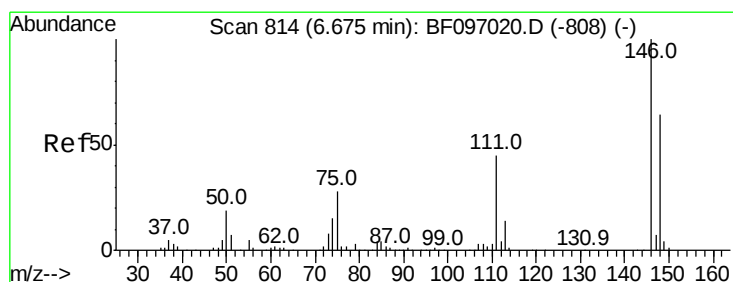
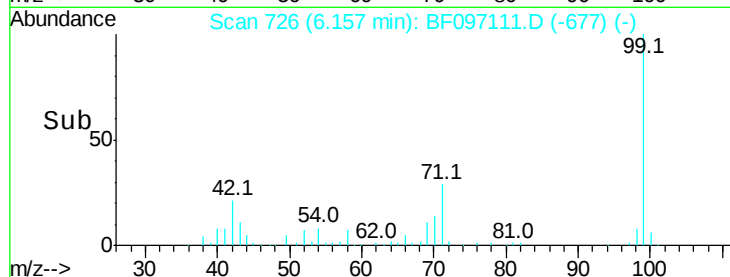
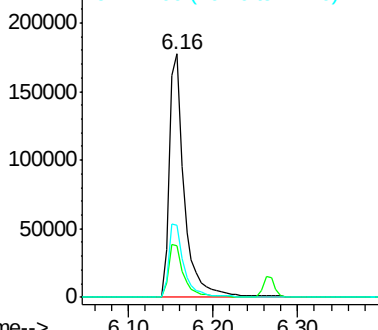
99 100

42 21.0 13.5 20.3#

71 29.4 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: 4.037 ng

RT: 6.66 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF097111.D

Acq: 27 Jul 2017 8:07

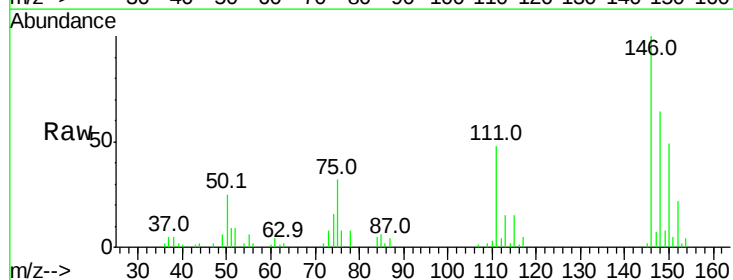
Tgt Ion: 146 Resp: 27261

Ion Ratio Lower Upper

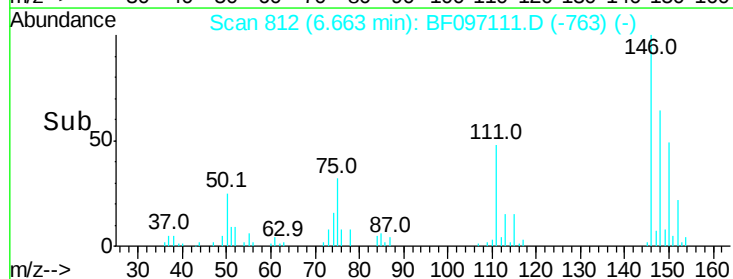
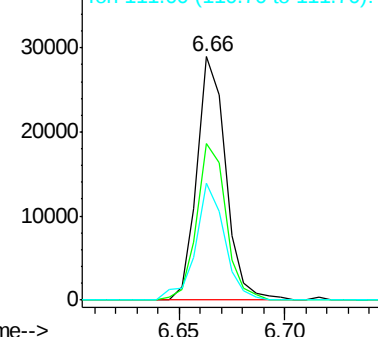
146 100

148 64.2 50.4 75.6

111 47.9 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: BF097111.D

Acq: 27 Jul 2017 8:07

Instrument :

BNA_F

ClientSampleId :

E2-M7-SSW

Tot Ion:136 Resp: 395848

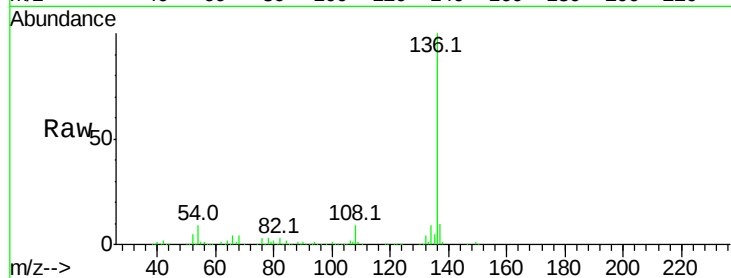
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 9.0 4.9 7.3#

68 4.5 4.1 6.1

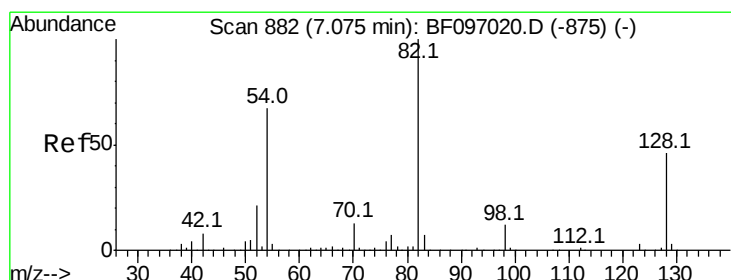
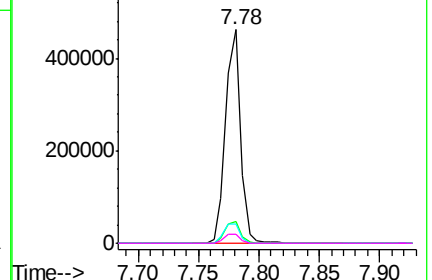
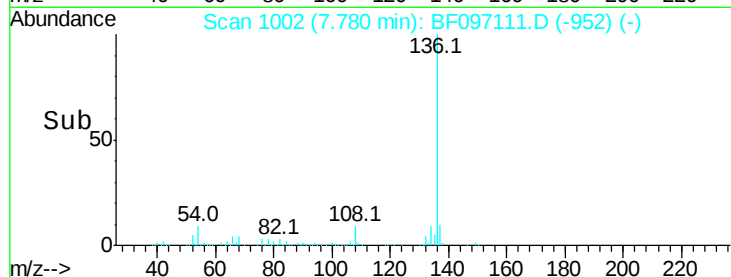


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.594 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF097111.D

Acq: 27 Jul 2017 8:07

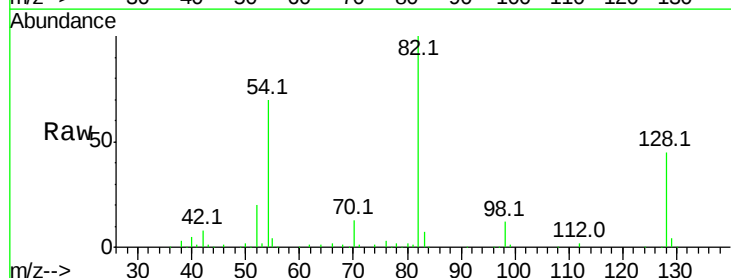
Tgt Ion: 82 Resp: 111974

Ion Ratio Lower Upper

82 100

128 45.2 34.0 51.0

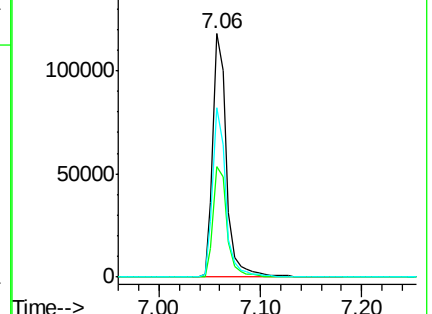
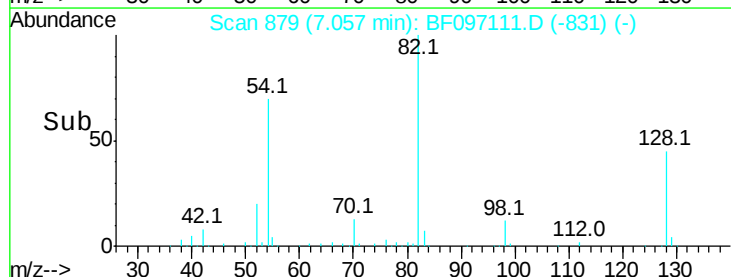
54 69.5 42.2 63.2#

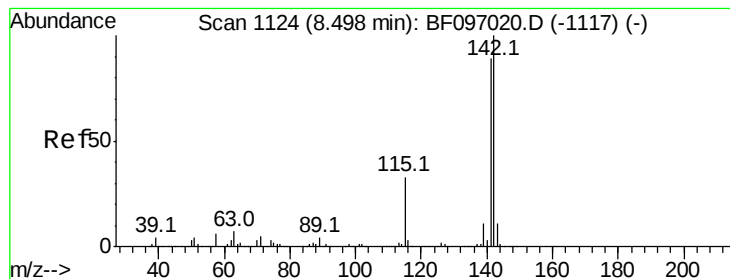


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

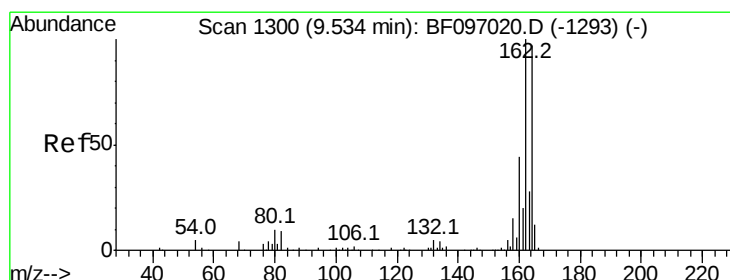
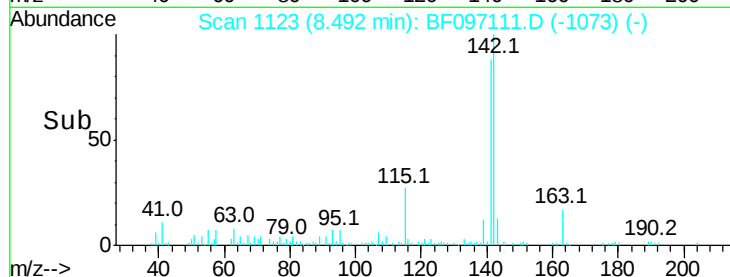
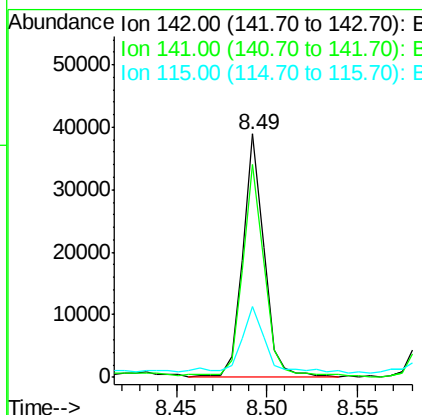
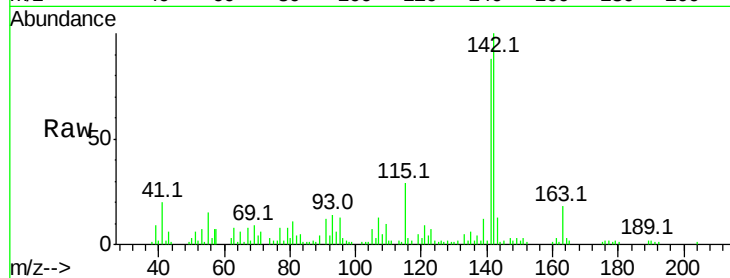




#37
 2-Methylnaphthalene
 Concen: 2.702 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF097111.D
 Acq: 27 Jul 2017 8:07

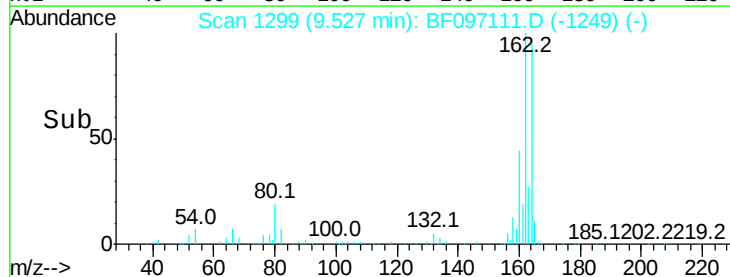
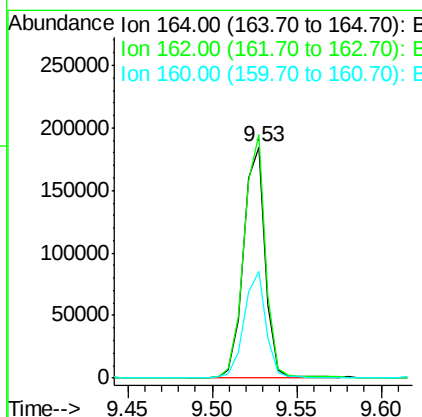
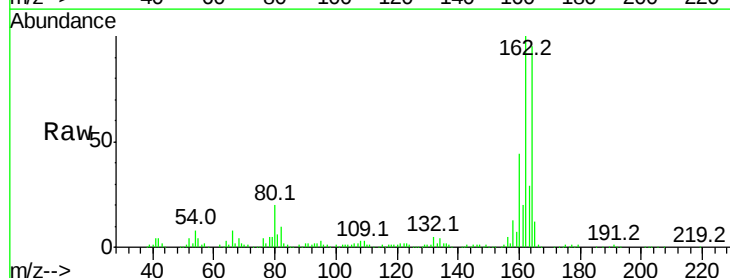
Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-SSW

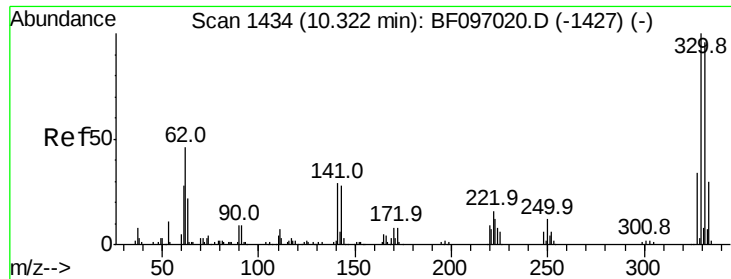
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.3	106.9
115	29.3	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097111.D
 Acq: 27 Jul 2017 8:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	45.9	36.2	54.2

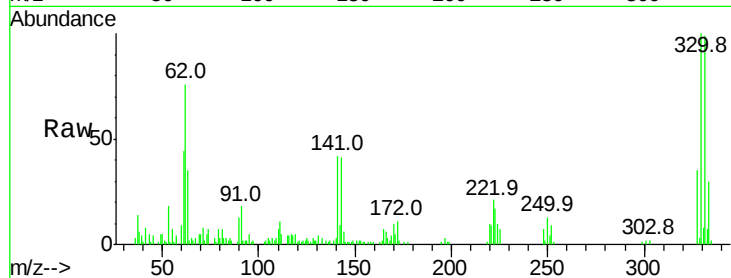




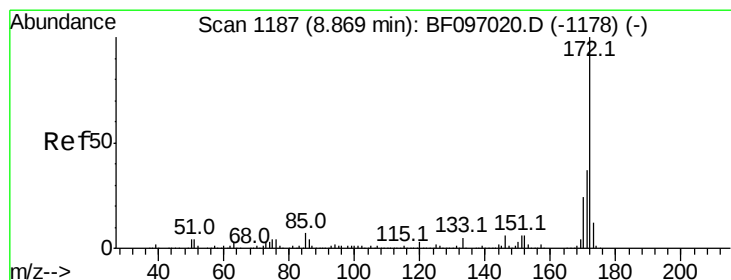
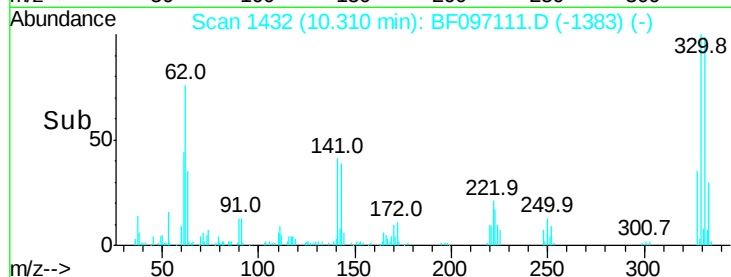
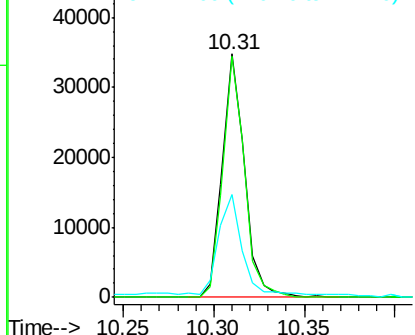
#41
 2,4,6-Tribromophenol
 Concen: 23.154 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097111.D
 Acq: 27 Jul 2017 8:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-M7-SSW

Tot Ion:330 Resp: 29960
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 50.3 31.4 47.2#

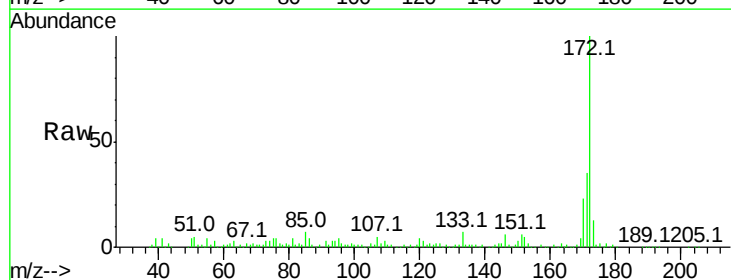


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

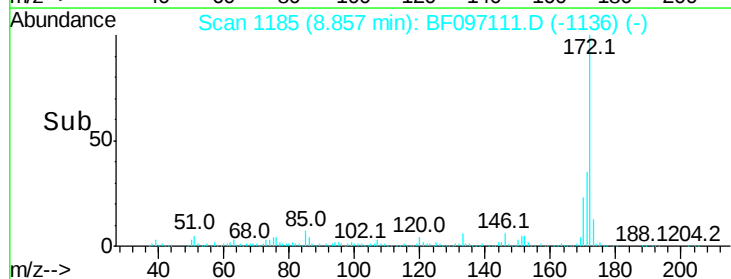
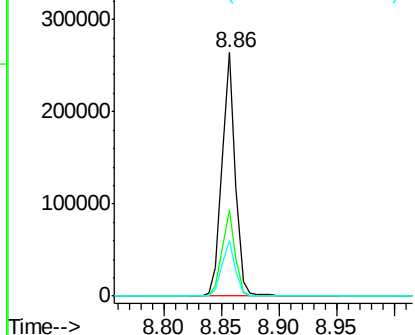


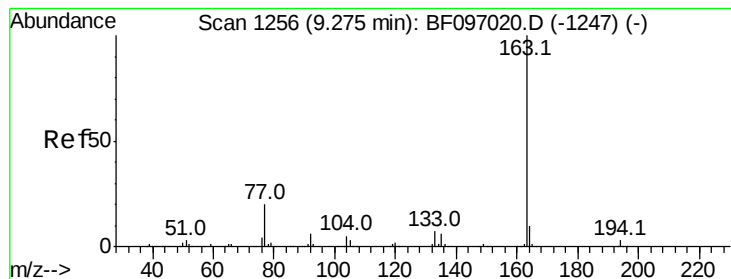
#44
 2-Fluorobiphenyl
 Concen: 22.293 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097111.D
 Acq: 27 Jul 2017 8:07

Tgt Ion:172 Resp: 215127
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 22.7 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: 2.091 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF097111.D

Acq: 27 Jul 2017 8:07

Instrument :

BNA_F

ClientSampleId :

E2-M7-SSW

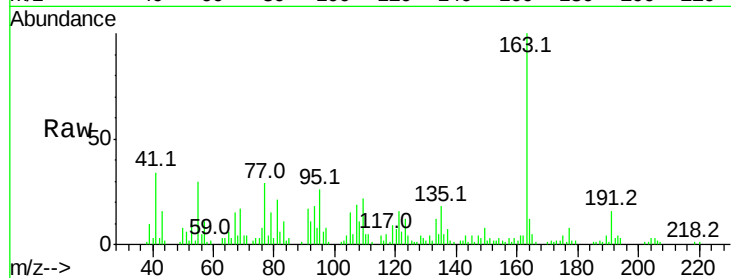
Tot Ion:163 Resp: 26007

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

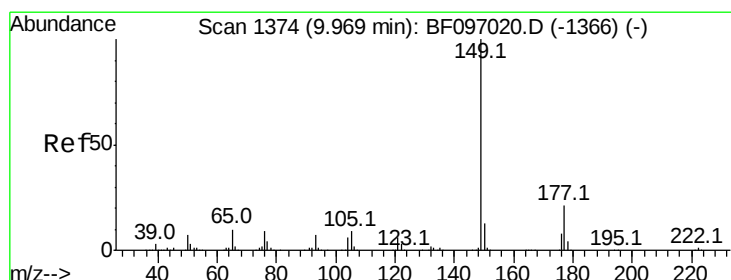
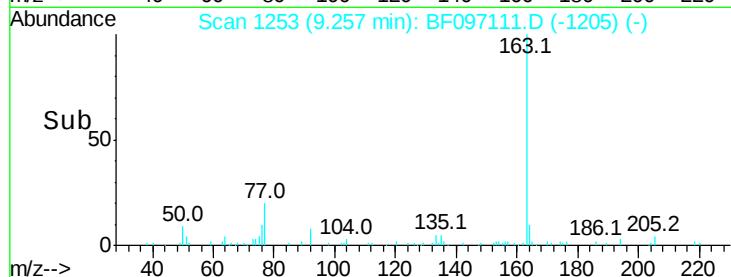
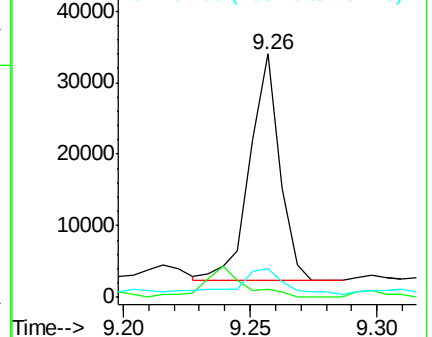
164 11.6 8.4 12.6



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



#59

Diethylphthalate

Concen: 2.062 ng

RT: 9.96 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF097111.D

Acq: 27 Jul 2017 8:07

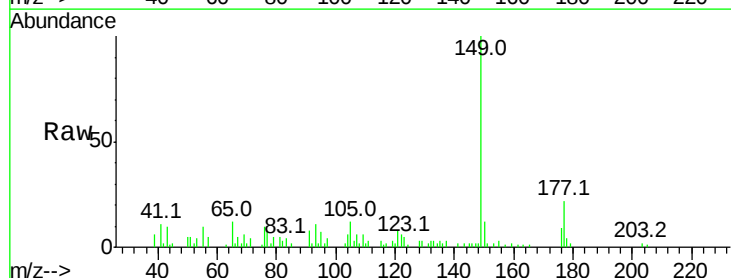
Tgt Ion:149 Resp: 23532

Ion Ratio Lower Upper

149 100

177 22.3 16.7 25.1

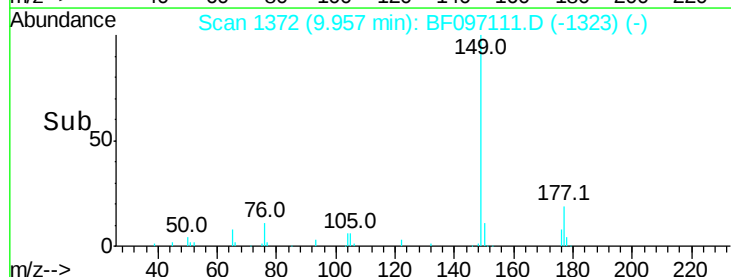
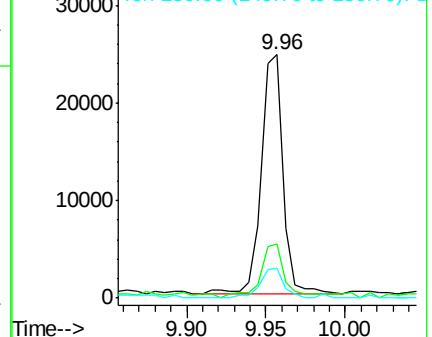
150 12.3 10.2 15.2

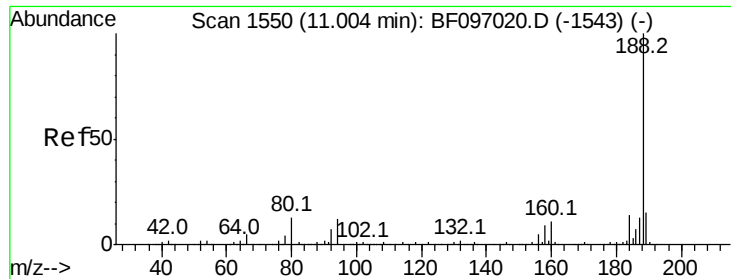


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

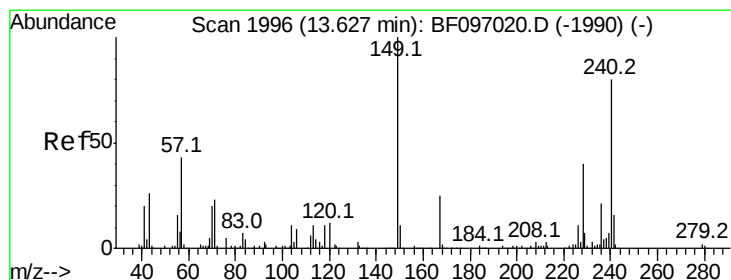
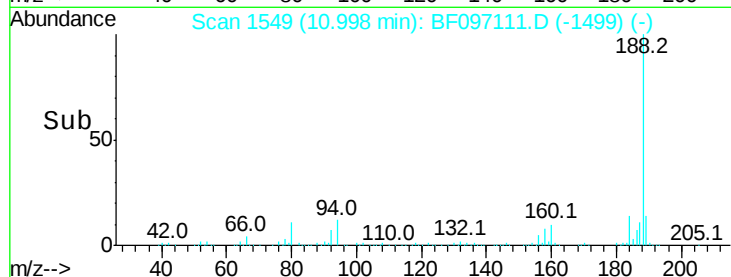
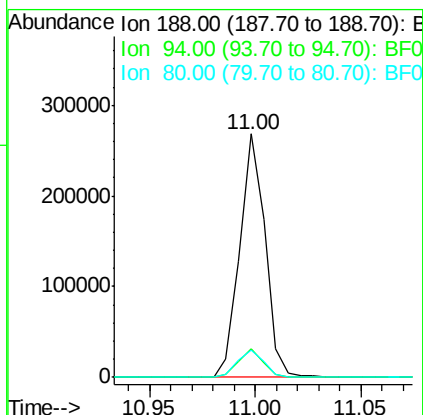
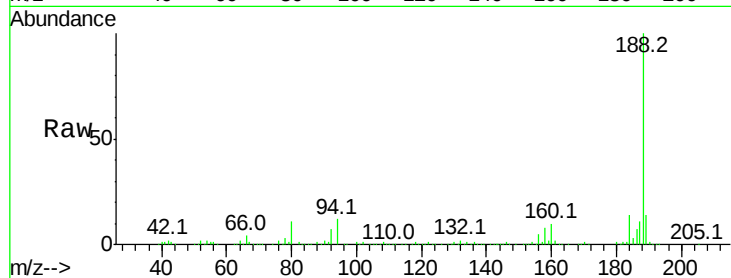




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097111.D
Acq: 27 Jul 2017 8:07

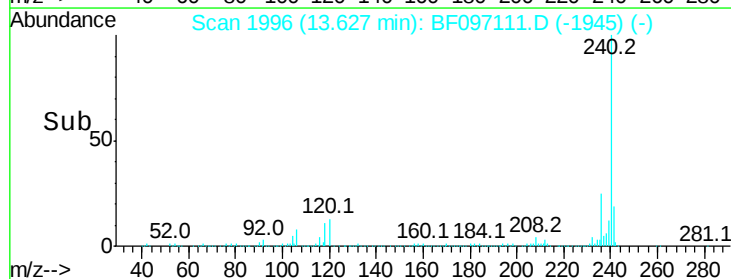
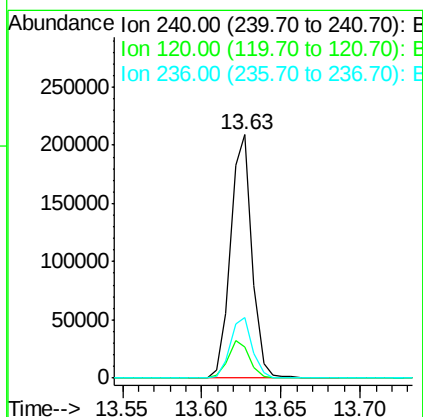
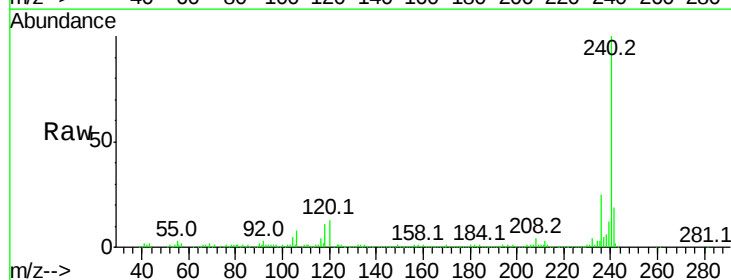
Instrument :
BNA_F
ClientSampleId :
E2-M7-SSW

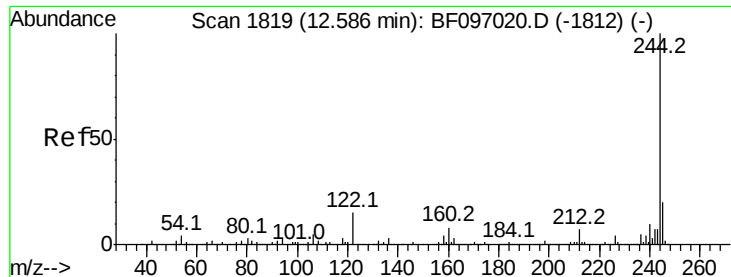
Tot Ion:188 Resp: 222757
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 11.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.63 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF097111.D
Acq: 27 Jul 2017 8:07

Tgt Ion:240 Resp: 195764
Ion Ratio Lower Upper
240 100
120 12.8 5.8 8.8#
236 25.1 20.5 30.7





#78

Terphenyl-d14

Concen: 12.340 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097111.D

Acq: 27 Jul 2017 8:07

Instrument :

BNA_F

ClientSampleId :

E2-M7-SSW

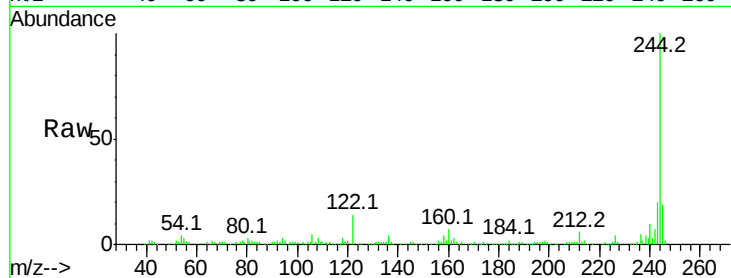
Tot Ion:244 Resp: 118484

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

122 13.9 10.3 15.5

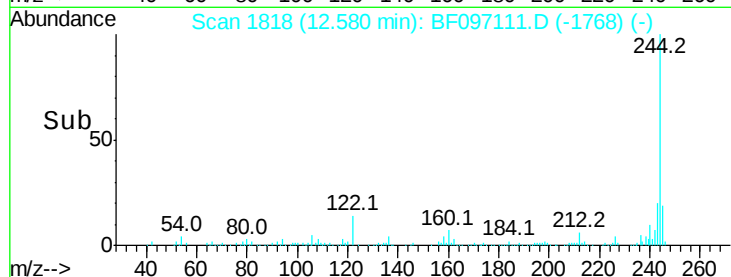


Abundance Ion 244.00 (243.70 to 244.70): E

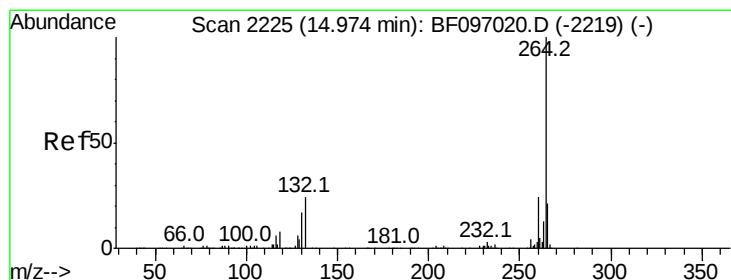
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.58



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.98 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF097111.D

Acq: 27 Jul 2017 8:07

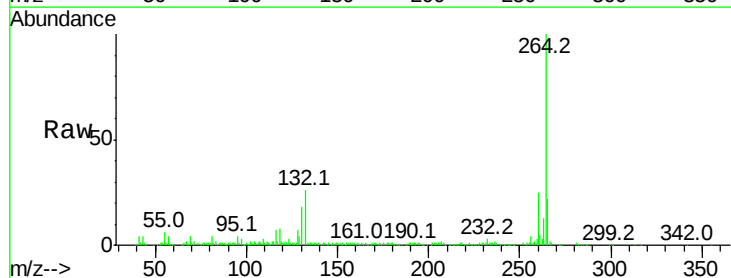
Tgt Ion:264 Resp: 181068

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.8 17.2 25.8

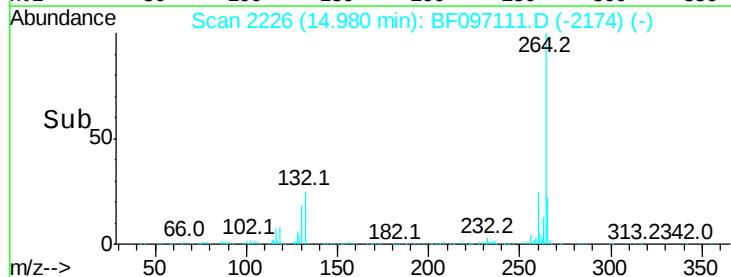


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

14.98



Time-->