

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098334.D
 Acq On : 8 Sep 2017 00:50
 Operator : SJ/JU
 Sample : I5071-17 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G57A-0-1.5

Quant Time: Sep 08 01:57:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

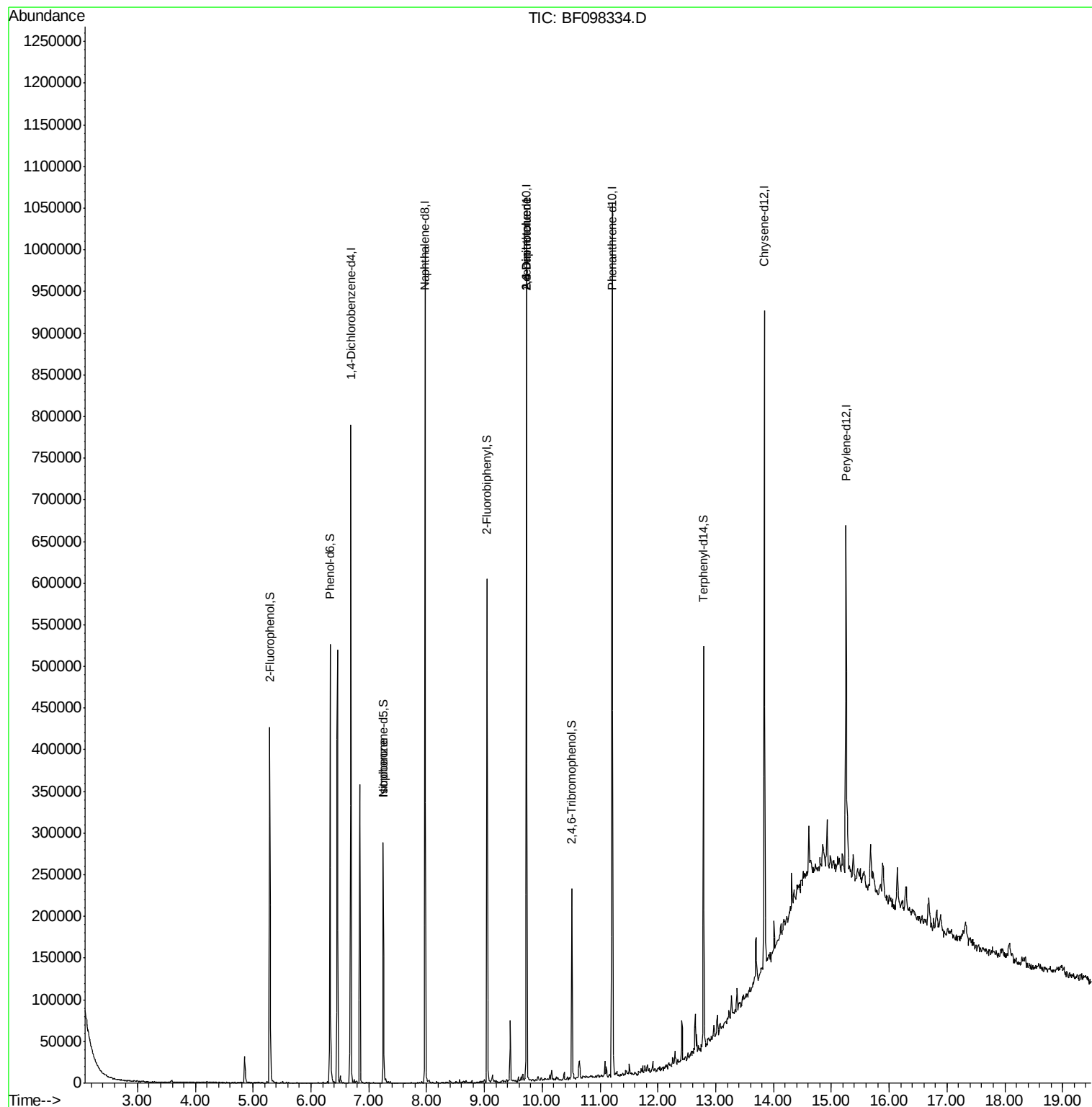
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	108898	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	415373	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	182149	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	337118	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	254805	20.00	ng	-0.02
86) Perylene-d12	15.26	264	181514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	120879	16.88	ng	-0.02
7) Phenol-d6	6.33	99	171943	17.68	ng	-0.02
23) Nitrobenzene-d5	7.25	82	93270	12.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	23150	14.65	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	172213	13.89	ng	-0.02
78) Terphenyl-d14	12.79	244	138872	11.37	ng	-0.02
Target Compounds						
25) Isophorone	7.25	82	93269	5.866	ng	# 67
50) 2,6-Dinitrotoluene	9.73	165	22897	8.615	ng	# 34
56) 2,4-Dinitrotoluene	9.73	165	22897	6.865	ng	# 34

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

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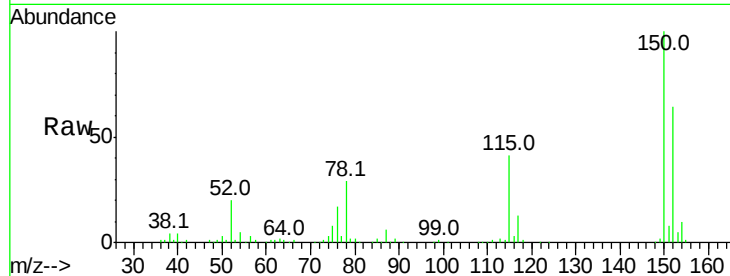


#1

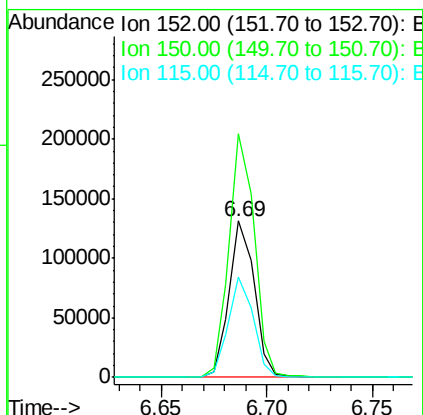
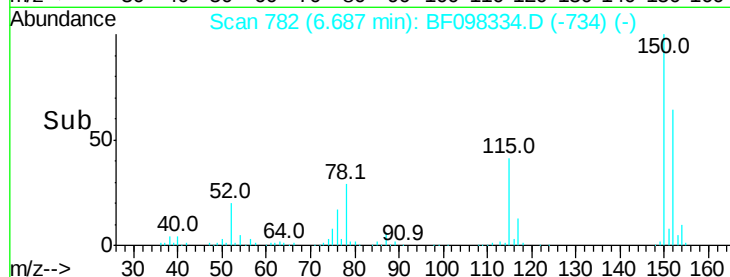
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF098334.D
 Acq: 8 Sep 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 G57A-0-1.5

Tot Ion:152 Resp: 108898
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.2 189.2
 115 64.4 52.2 78.2



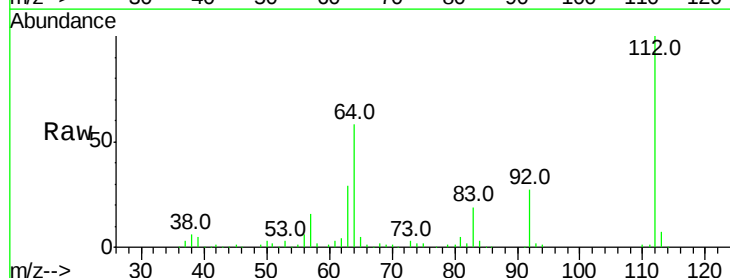
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



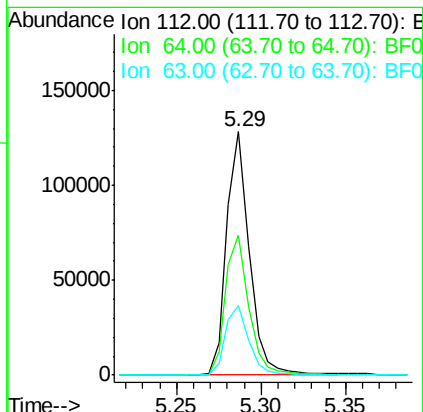
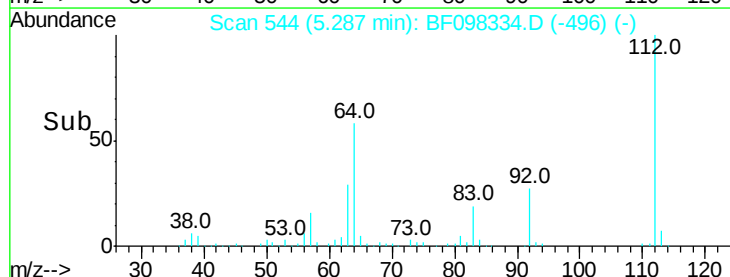
#5

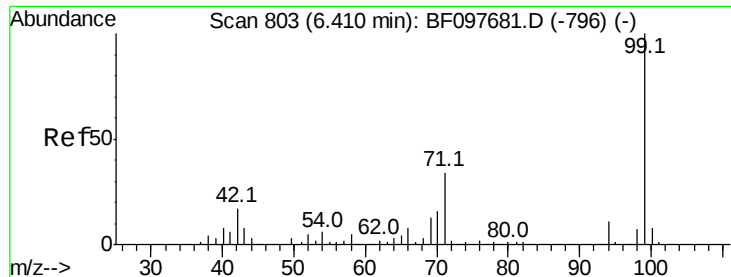
2-Fluorophenol
 Concen: 16.884 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF098334.D
 Acq: 8 Sep 2017 00:50

Tgt Ion:112 Resp: 120879
 Ion Ratio Lower Upper
 112 100
 64 57.7 46.0 69.0
 63 28.5 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: 17.676 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098334.D

Acq: 8 Sep 2017 00:50

Instrument :

BNA_F

ClientSampled :

G57A-0-1.5

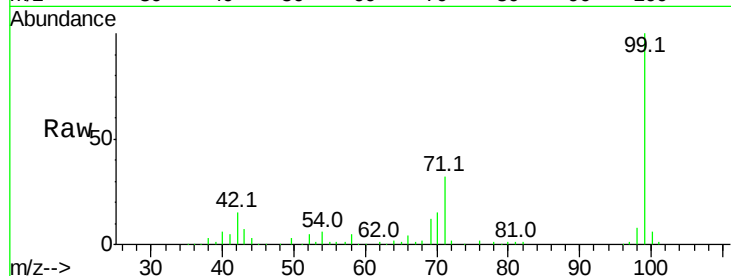
Tot Ion: 99 Resp: 171943

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

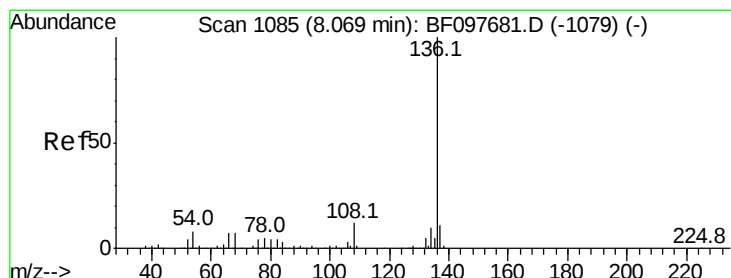
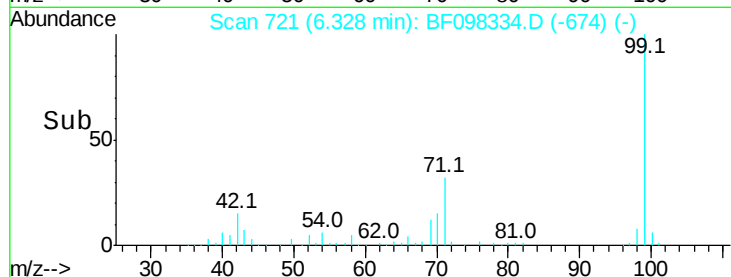
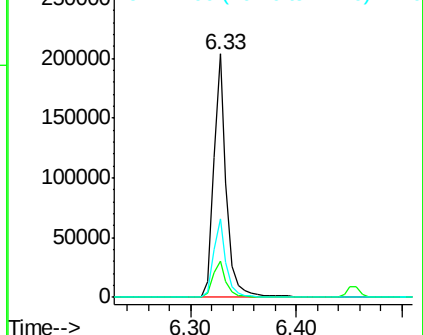
71 32.0 24.5 36.7



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF098334.D

Acq: 8 Sep 2017 00:50

Tgt Ion: 136 Resp: 415373

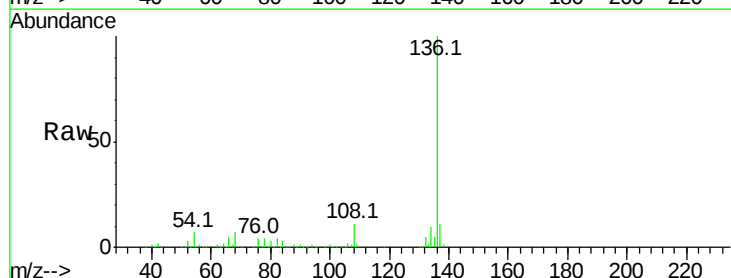
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.0 4.9 7.3

68 7.2 4.1 6.1#

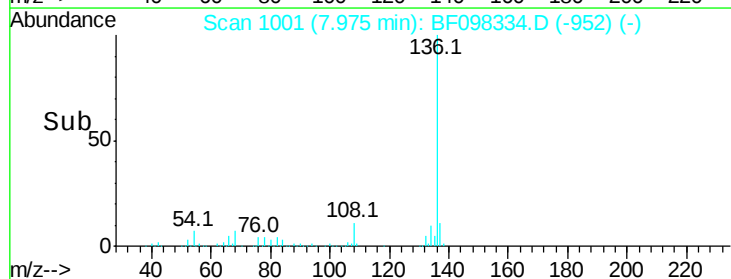
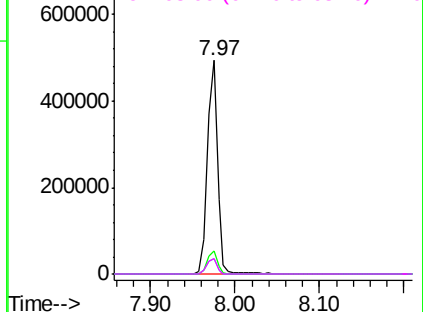


Abundance Ion 136.00 (135.70 to 136.70): E

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

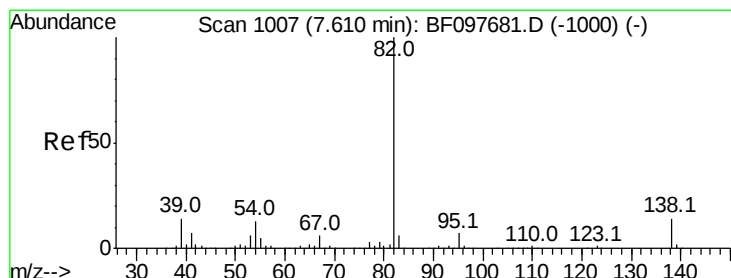
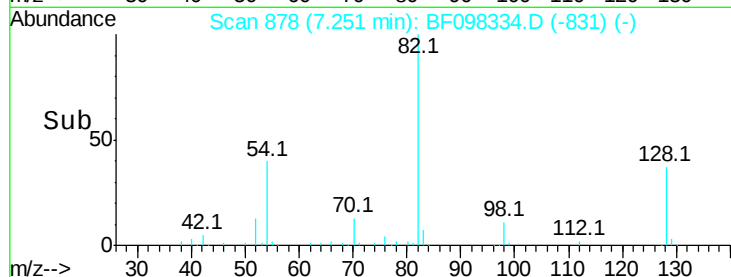
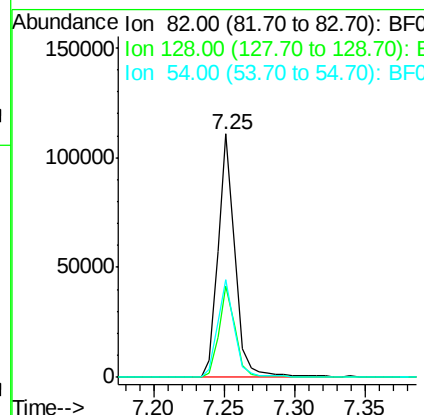
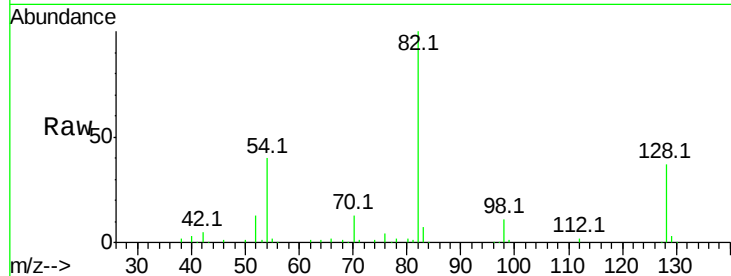




#23
Nitrobenzene-d5
Concen: 12.198 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF098334.D
Acq: 8 Sep 2017 00:50

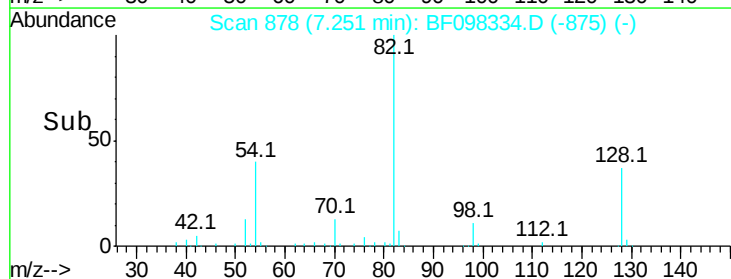
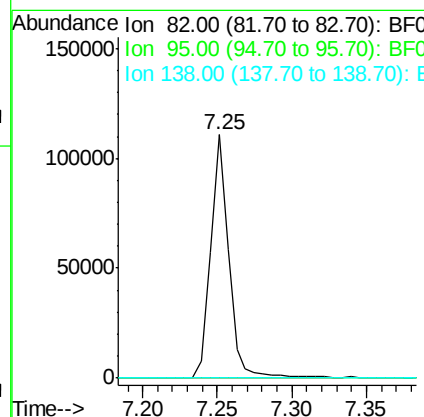
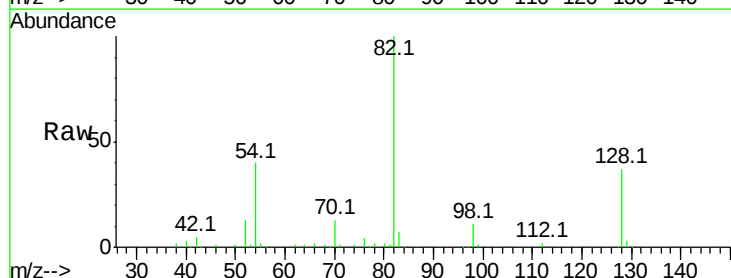
Instrument :
BNA_F
ClientSampleID :
G57A-0-1.5

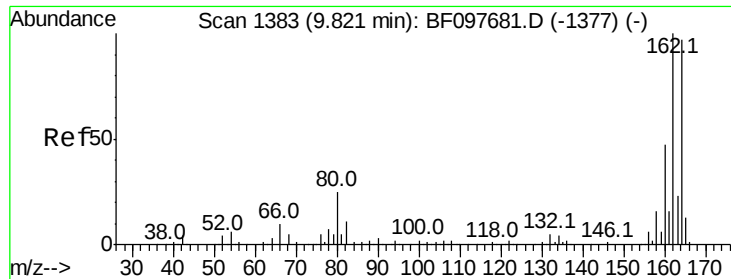
Tot Ion: 82 Resp: 93270
Ion Ratio Lower Upper
82 100
128 37.3 34.0 51.0
54 39.9 42.2 63.2#



#25
Isophorone
Concen: 5.866 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF098334.D
Acq: 8 Sep 2017 00:50

Tgt Ion: 82 Resp: 93269
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

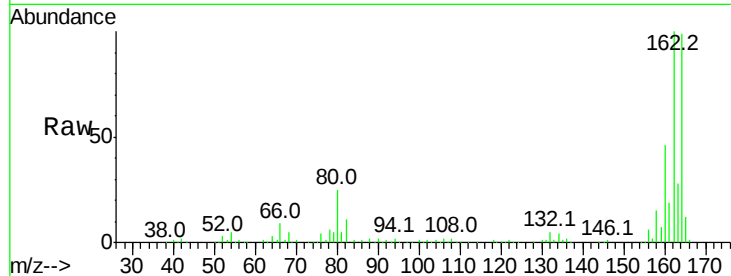




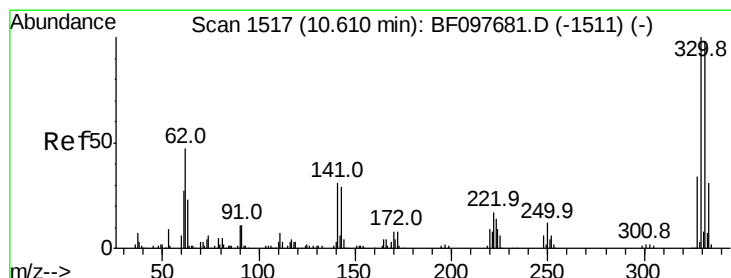
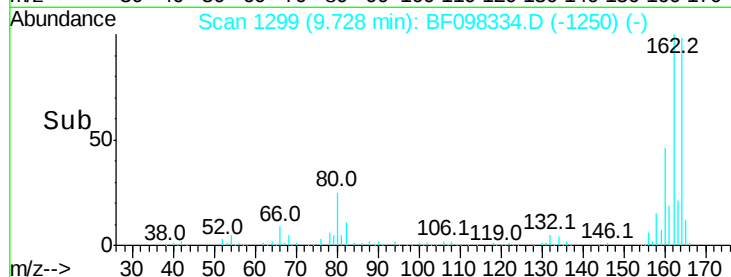
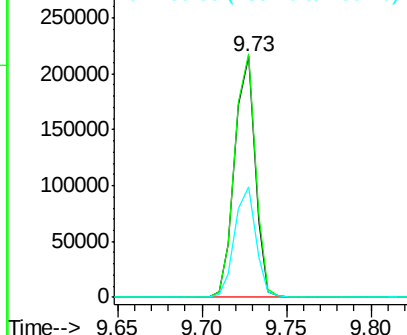
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098334.D
 Acq: 8 Sep 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 G57A-0-1.5

Tot Ion:164 Resp: 182149
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.6 123.8
 160 46.0 36.2 54.2

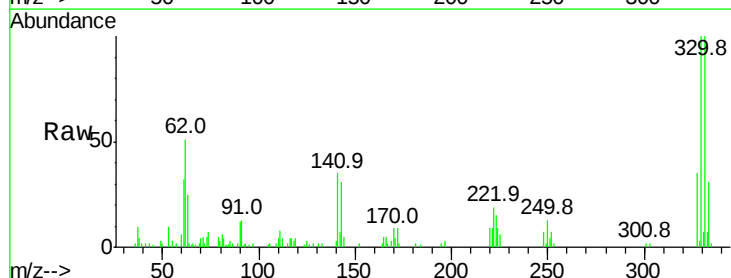


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

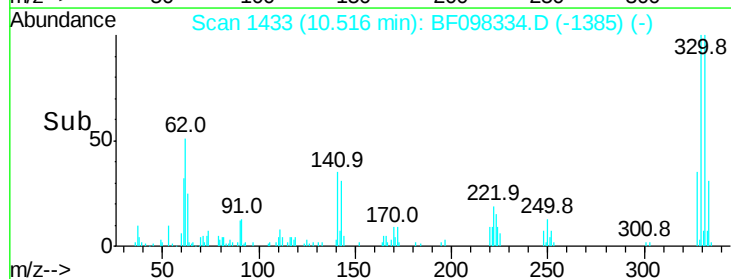
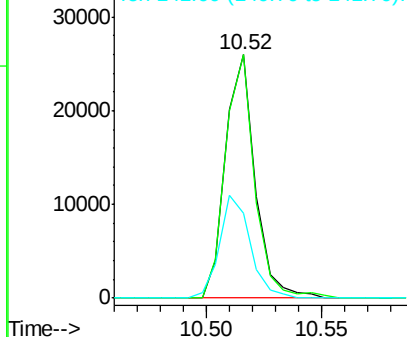


#41
 2,4,6-Tribromophenol
 Concen: 14.648 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098334.D
 Acq: 8 Sep 2017 00:50

Tgt Ion:330 Resp: 23150
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 115.0
 141 43.7 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

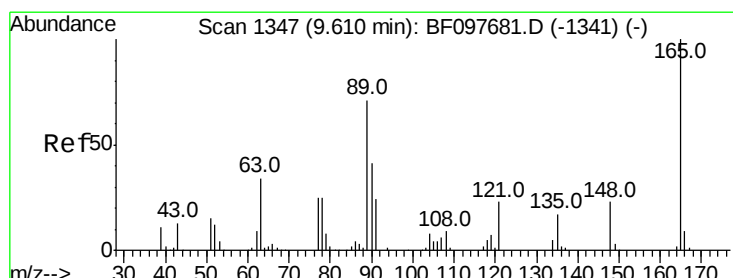
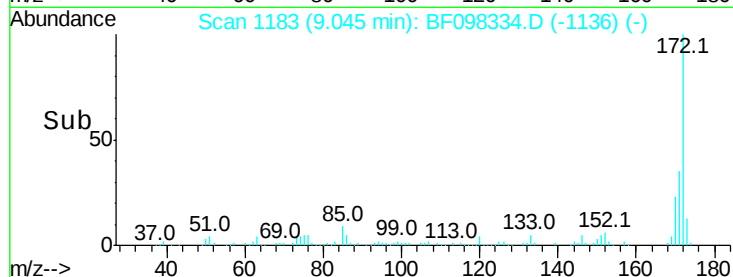
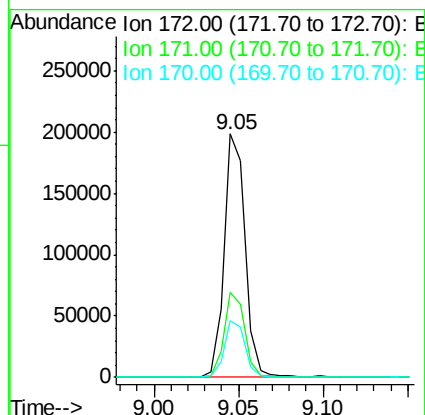
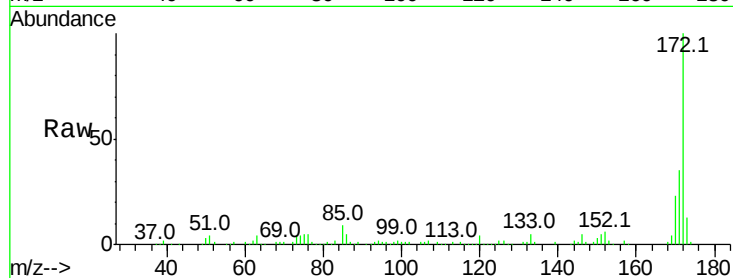




#44
 2-Fluorobiphenyl
 Concen: 13.891 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098334.D
 Acq: 8 Sep 2017 00:50

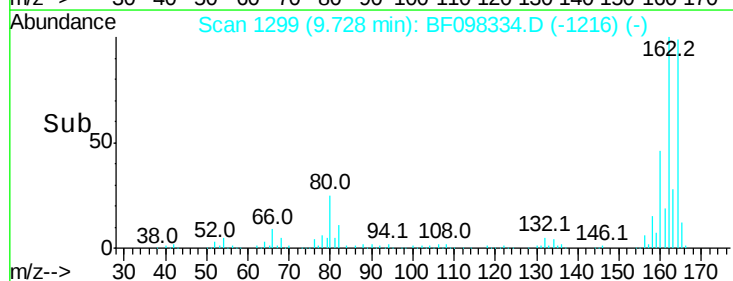
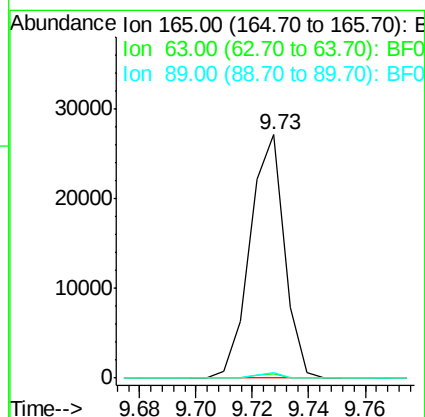
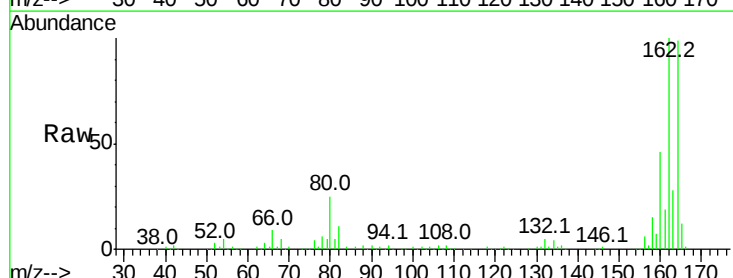
Instrument :
 BNA_F
 ClientSampleId :
 G57A-0-1.5

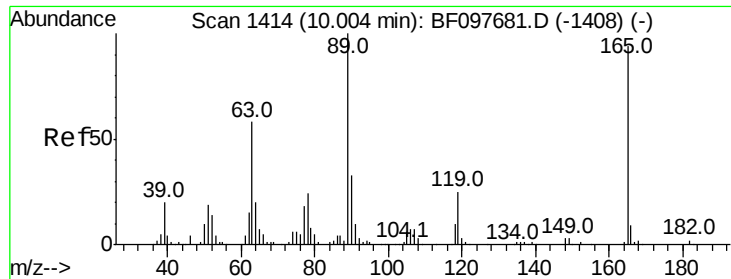
Tot Ion:172 Resp: 172213
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.1 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.615 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF098334.D
 Acq: 8 Sep 2017 00:50

Tgt Ion:165 Resp: 22897
 Ion Ratio Lower Upper
 165 100
 63 1.8 34.3 51.5#
 89 2.2 37.1 55.7#





#56

2,4-Dinitrotoluene

Concen: 6.865 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.21 min

Lab File: BF098334.D

Acq: 8 Sep 2017 00:50

Instrument :

BNA_F

ClientSampleId :

G57A-0-1.5

Tot Ion:165 Resp: 22897

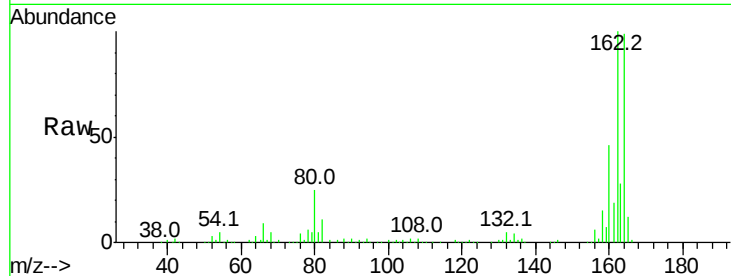
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 2.2 46.4 69.6#

182 0.0 1.8 2.6#

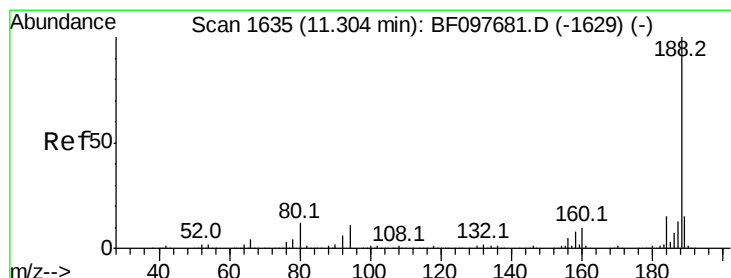
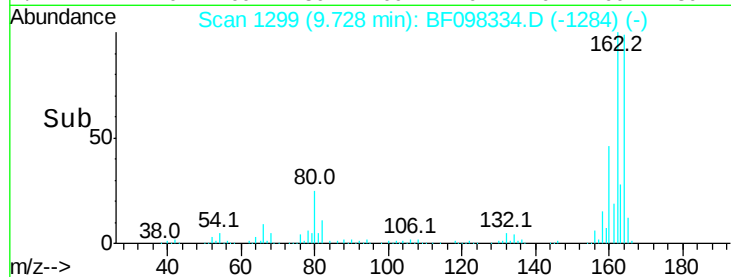
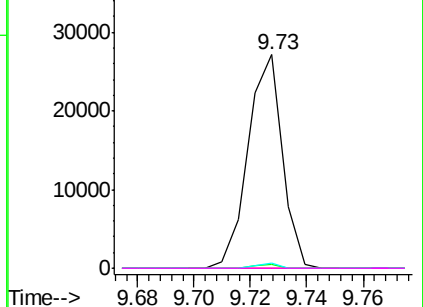


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF098334.D

Acq: 8 Sep 2017 00:50

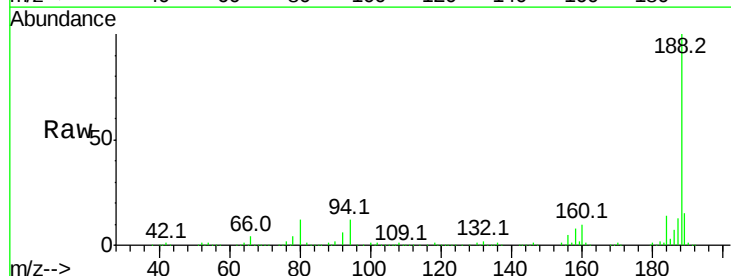
Tgt Ion:188 Resp: 337118

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

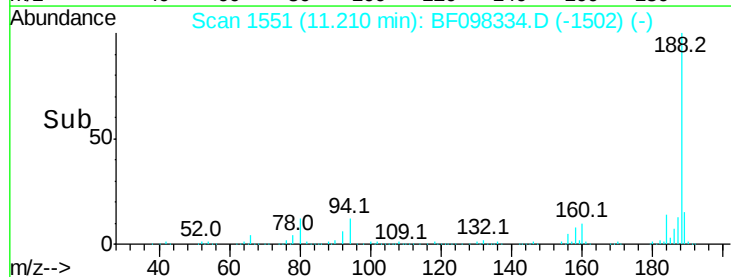
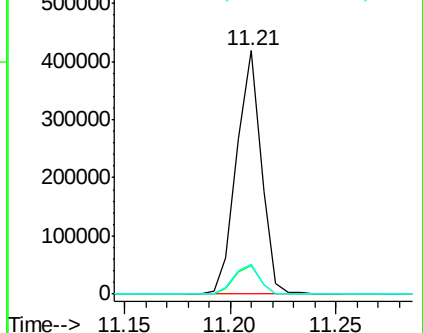
80 12.3 10.2 15.2

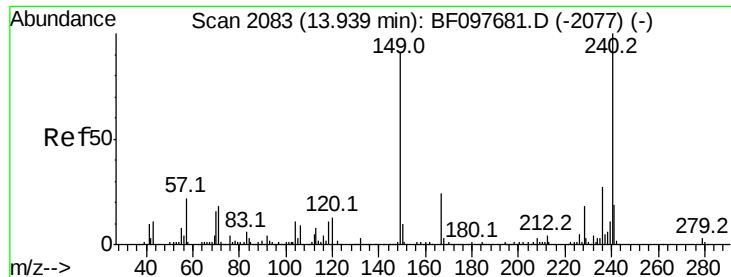


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098334.D

Acq: 8 Sep 2017 00:50

Instrument :

BNA_F

ClientSampleId :

G57A-0-1.5

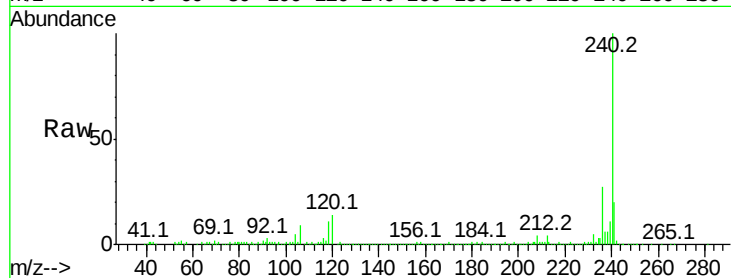
Tot Ion:240 Resp: 254805

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

236 26.7 20.5 30.7

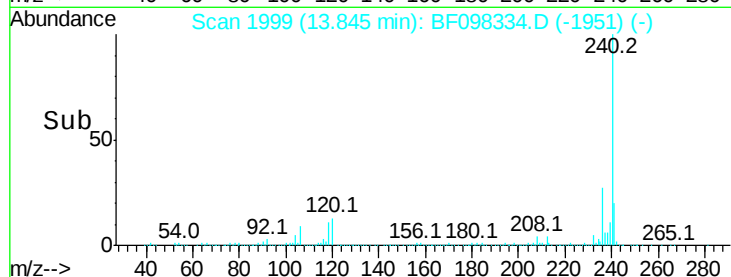


Abundance Ion 240.00 (239.70 to 240.70): E

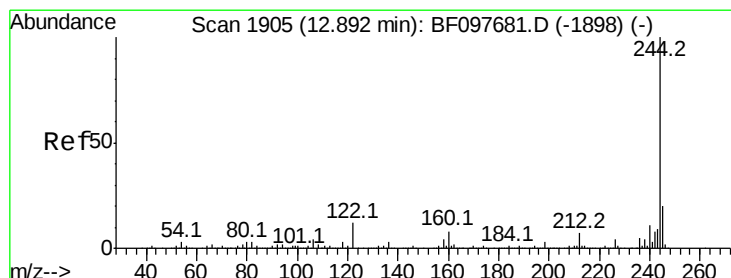
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.84



Time-->



#78

Terphenyl-d14

Concen: 11.365 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF098334.D

Acq: 8 Sep 2017 00:50

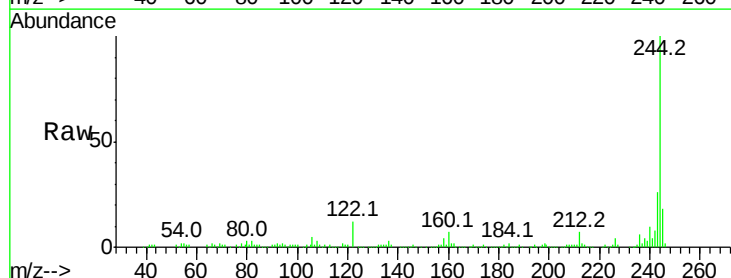
Tgt Ion:244 Resp: 138872

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

122 11.6 10.3 15.5

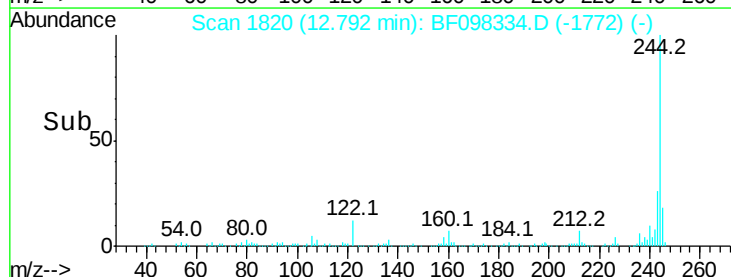


Abundance Ion 244.00 (243.70 to 244.70): E

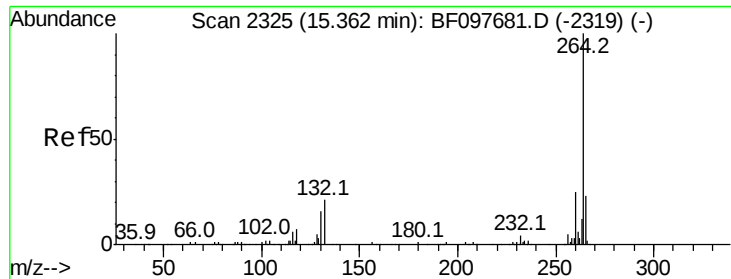
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.79



Time-->



#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF098334.D
 Acq: 8 Sep 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 G57A-0-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	21.2	17.2	25.8

