

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098392.D
 Acq On : 9 Sep 2017 18:11
 Operator : SJ/JU
 Sample : I5071-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5

Quant Time: Sep 11 12:02:30 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

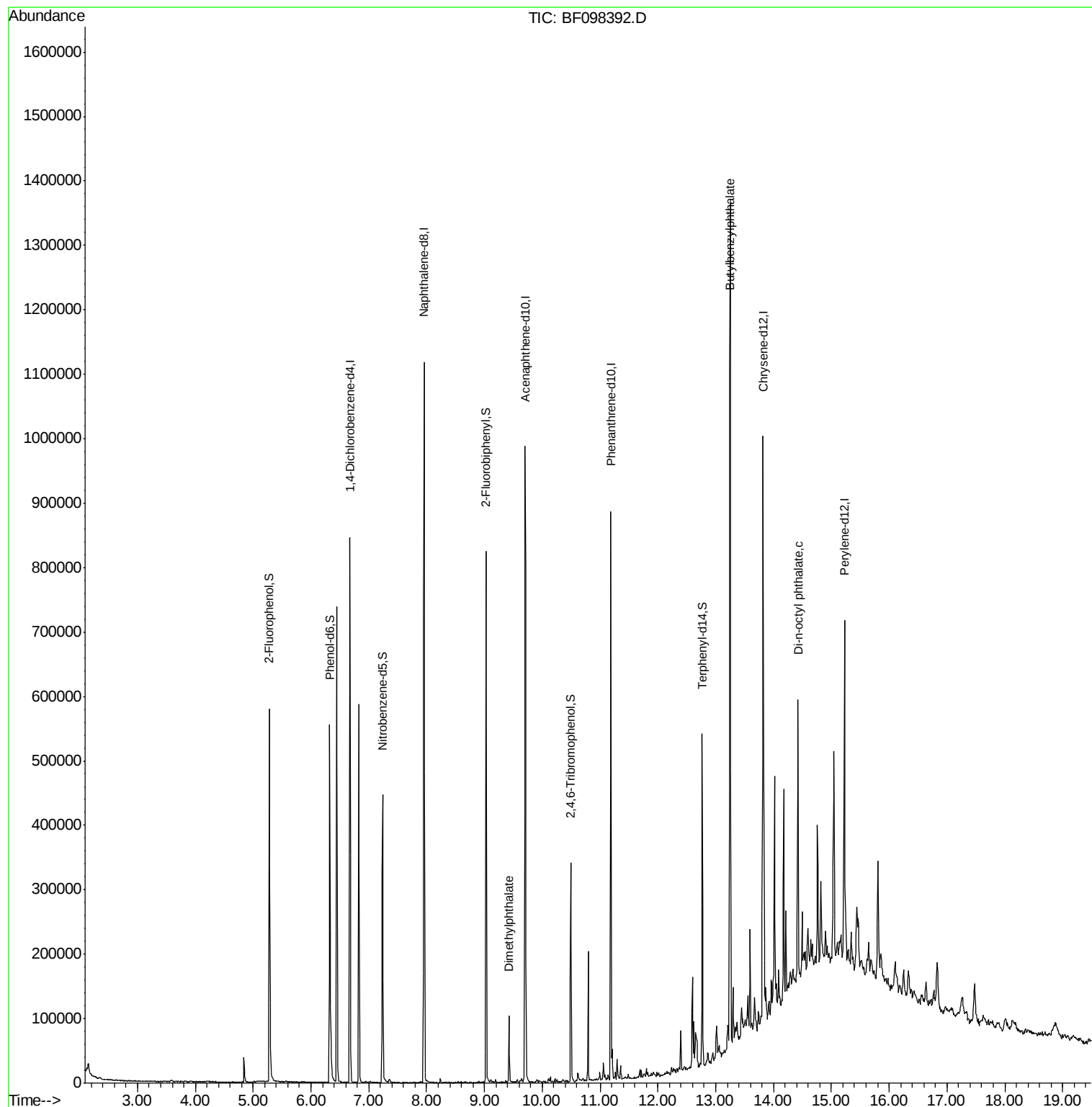
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	118267	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	452425	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	185321	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	294443	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	244283	20.00	ng	-0.04
86) Perylene-d12	15.23	264	220166	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	182031	23.41	ng	-0.02
7) Phenol-d6	6.32	99	246466	23.33	ng	-0.03
23) Nitrobenzene-d5	7.24	82	147430	17.70	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	33538	20.86	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	237972	18.87	ng	-0.04
78) Terphenyl-d14	12.77	244	139083	11.87	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.43	163	34362	2.537	ng	98
79) Butylbenzylphthalate	13.25	149	290990	37.987	ng	# 79
84) Di-n-octyl phthalate	14.42	149	198656	13.451	ng	# 98

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

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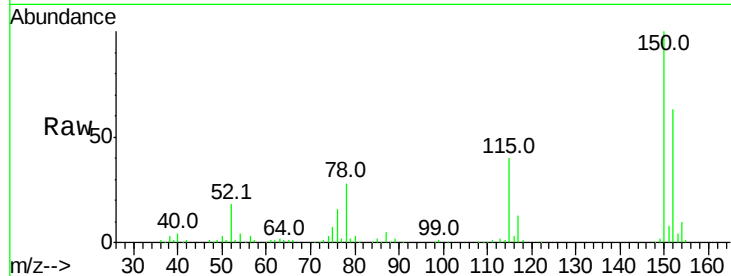


#1

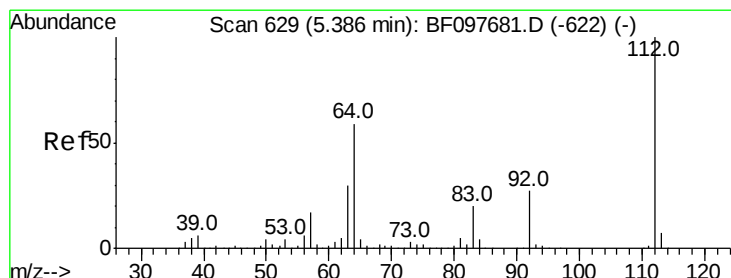
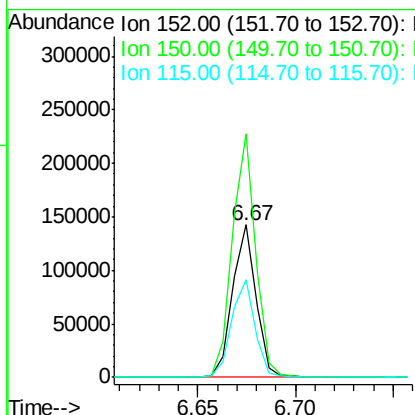
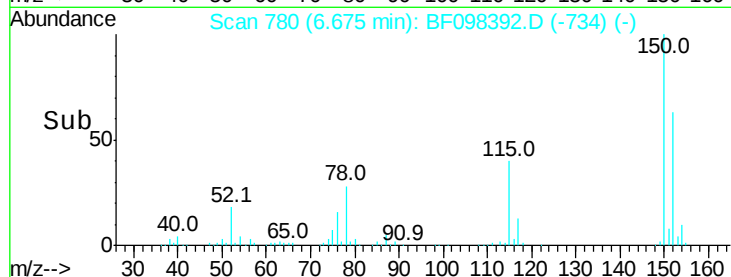
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF098392.D
 Acq: 9 Sep 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5

Tot Ion:152 Resp: 118267
 Ion Ratio Lower Upper
 152 100
 150 159.8 126.2 189.2
 115 64.3 52.2 78.2



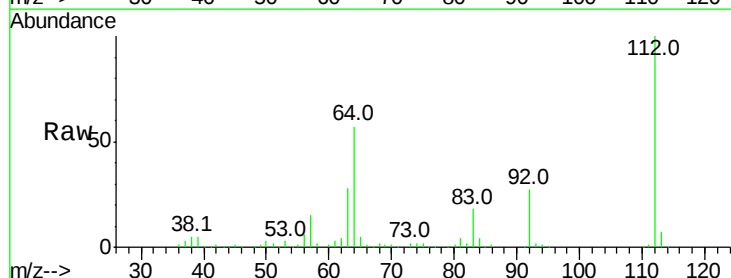
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



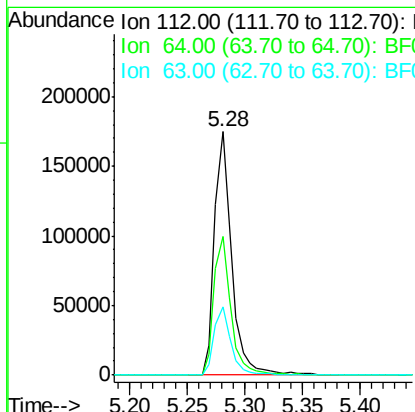
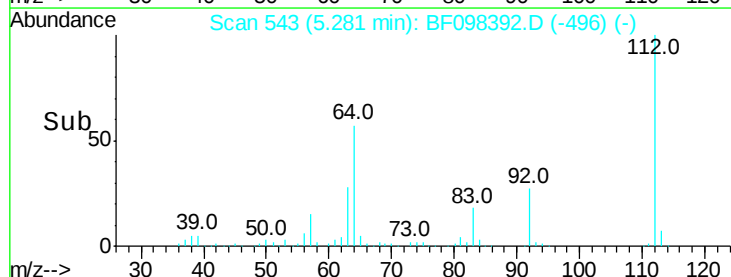
#5

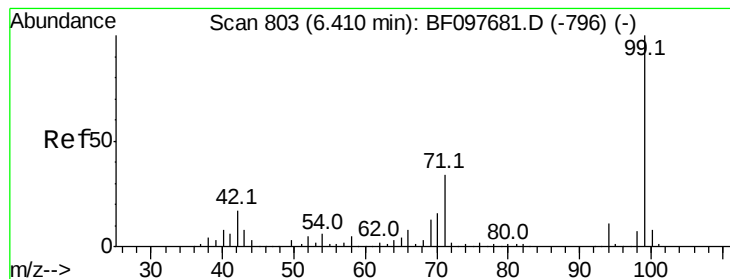
2-Fluorophenol
 Concen: 23.412 ng
 RT: 5.28 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF098392.D
 Acq: 9 Sep 2017 18:11

Tgt Ion:112 Resp: 182031
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.0 69.0
 63 28.0 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: 23.330 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

Instrument :

BNA_F

ClientSampled :

G61A-0-1.5

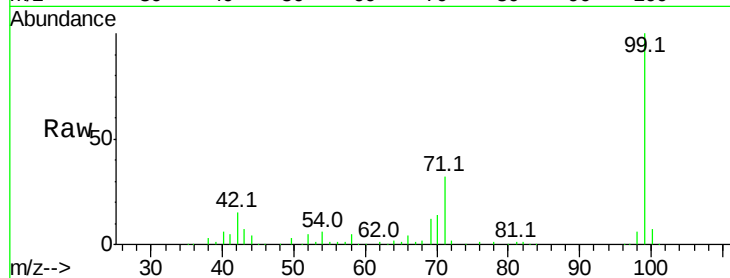
Tot Ion: 99 Resp: 246466

Ion Ratio Lower Upper

99 100

42 14.6 13.5 20.3

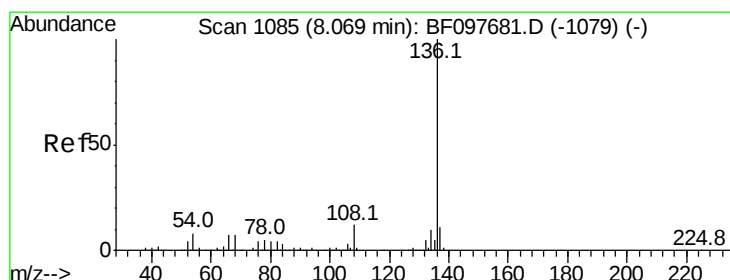
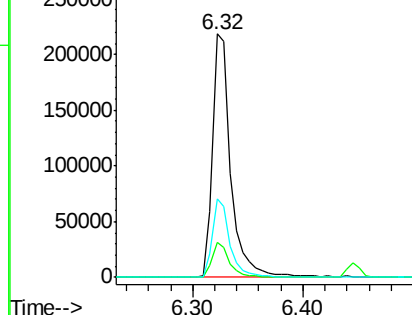
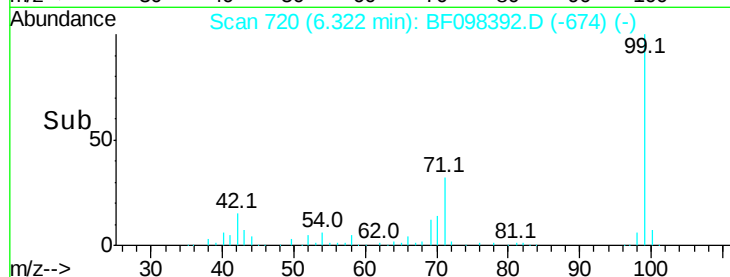
71 32.0 24.5 36.7



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: 7.96 min Scan# 998

Delta R.T. -0.03 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

Tgt Ion: 136 Resp: 452425

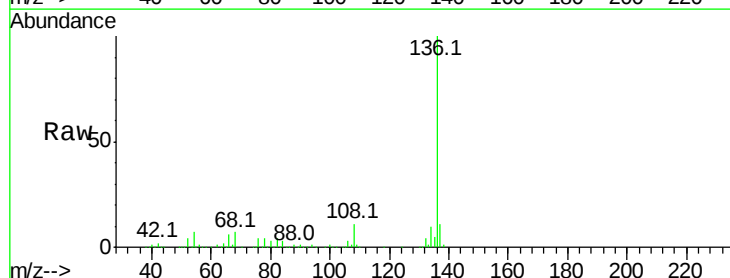
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.2 4.9 7.3

68 7.0 4.1 6.1#

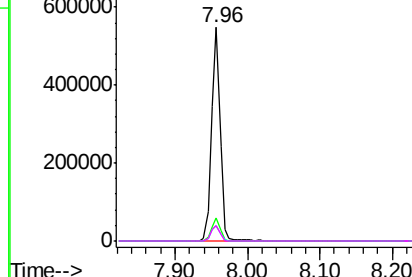
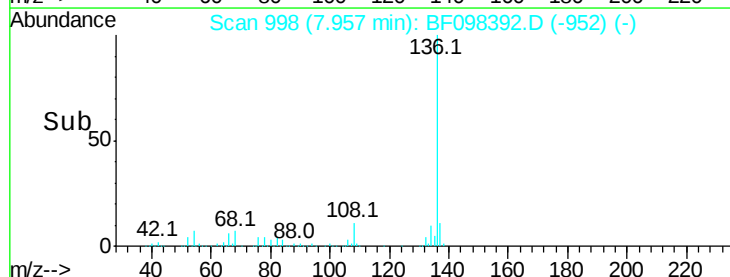


Abundance Ion 136.00 (135.70 to 136.70): E

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

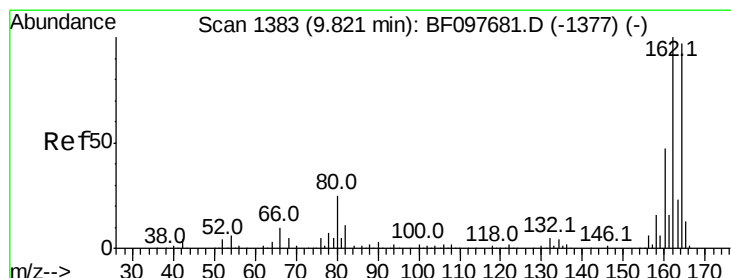
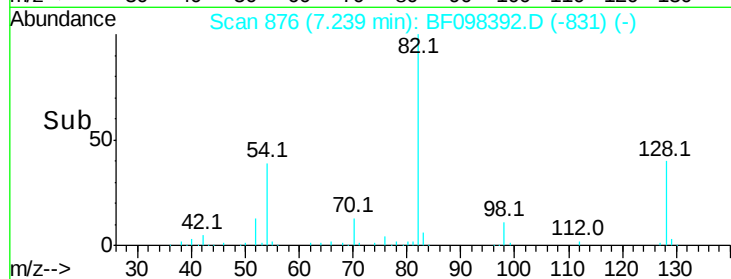
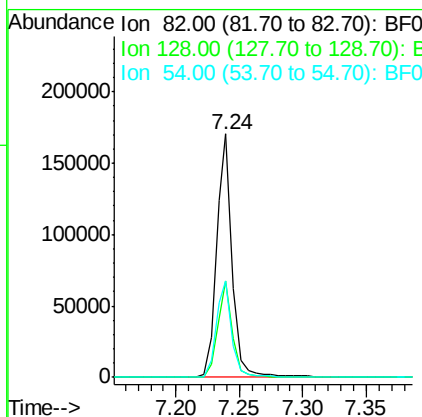
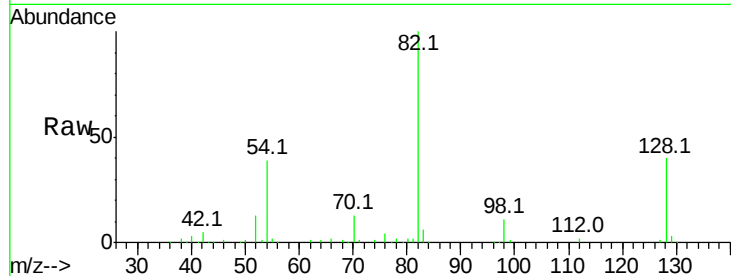




#23
 Nitrobenzene-d5
 Concen: 17.703 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.04 min
 Lab File: BF098392.D
 Acq: 9 Sep 2017 18:11

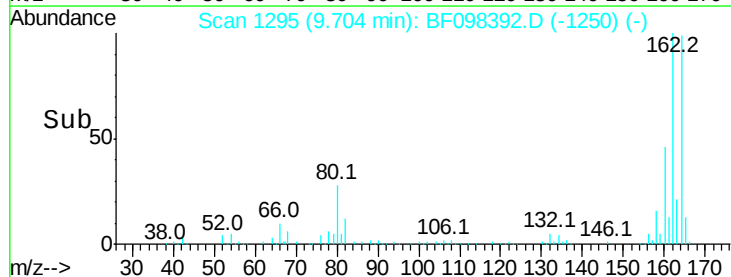
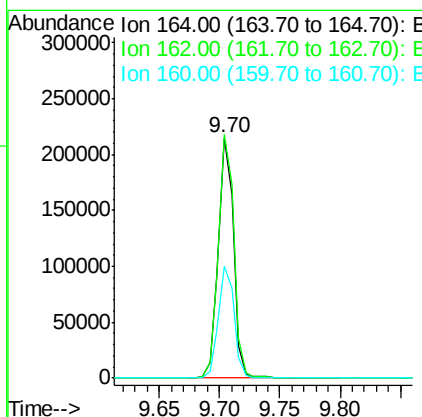
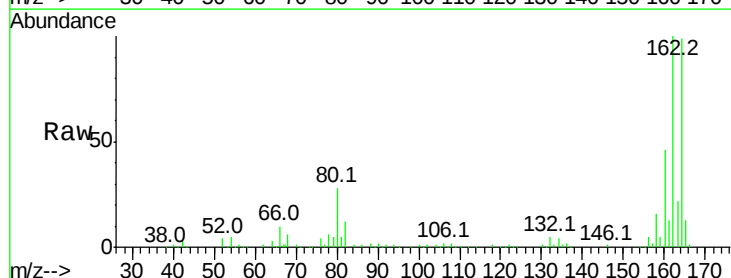
Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5

Tot Ion: 82 Resp: 147430
 Ion Ratio Lower Upper
 82 100
 128 39.7 34.0 51.0
 54 39.4 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.04 min
 Lab File: BF098392.D
 Acq: 9 Sep 2017 18:11

Tgt Ion:164 Resp: 185321
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.6 123.8
 160 46.5 36.2 54.2

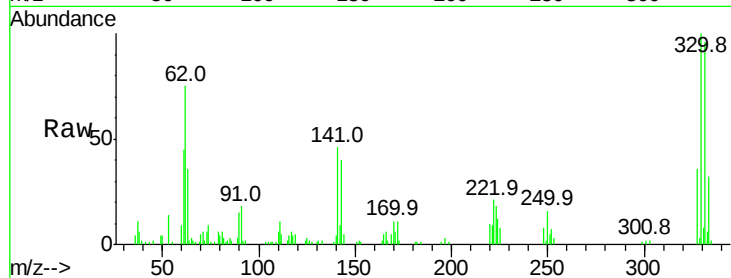




#41
 2,4,6-Tribromophenol
 Concen: 20.857 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.04 min
 Lab File: BF098392.D
 Acq: 9 Sep 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :
 G61A-0-1.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	39.5	31.4	47.2

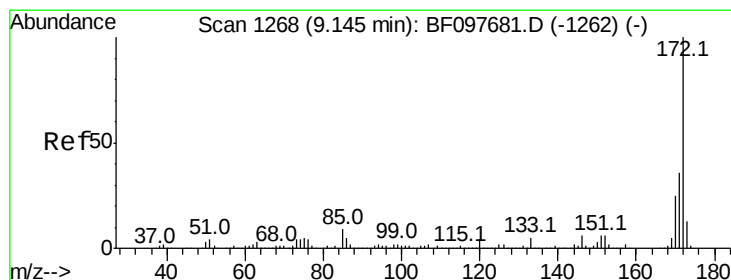
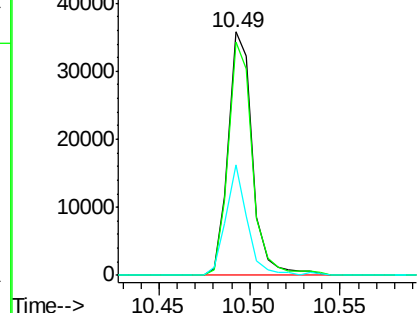
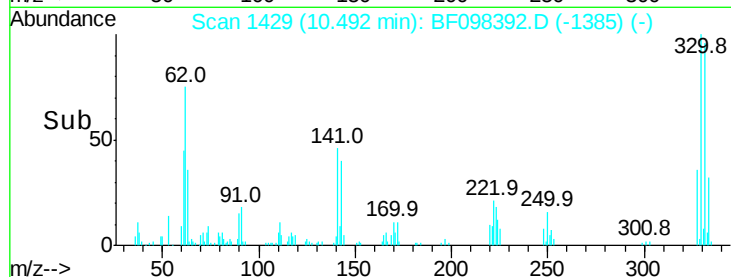


Abundance

Ion 329.80 (329.50 to 330.50): E

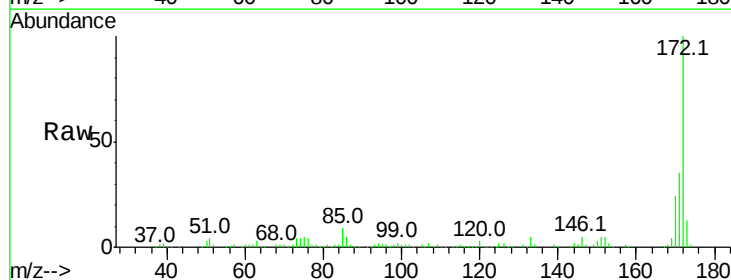
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 18.866 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF098392.D
 Acq: 9 Sep 2017 18:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.8	19.8	29.8

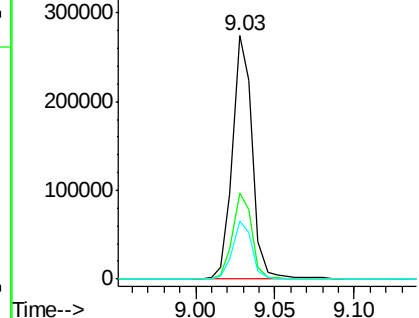
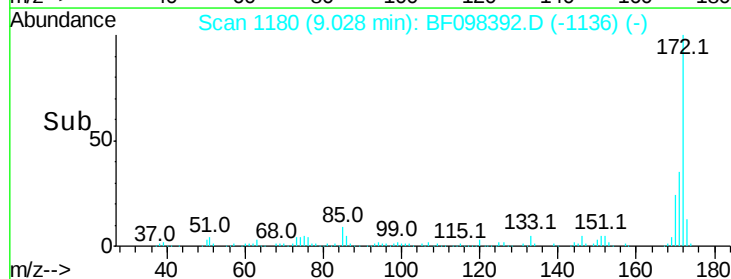


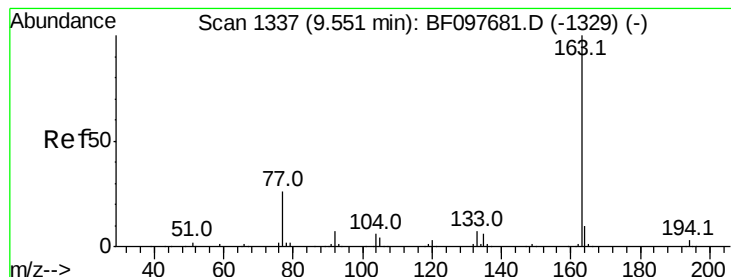
Abundance

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: 2.537 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.05 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

Instrument :

BNA_F

ClientSampleId :

G61A-0-1.5

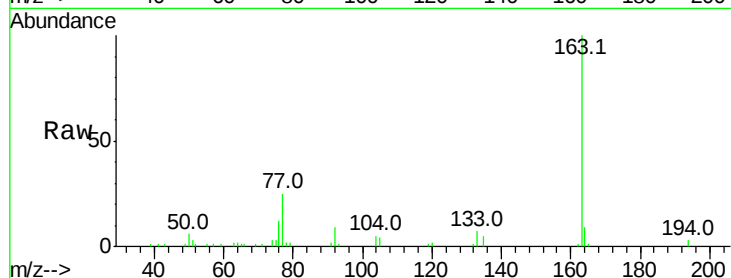
Tot Ion:163 Resp: 34362

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

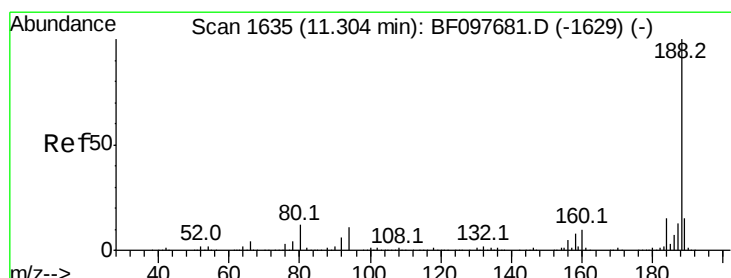
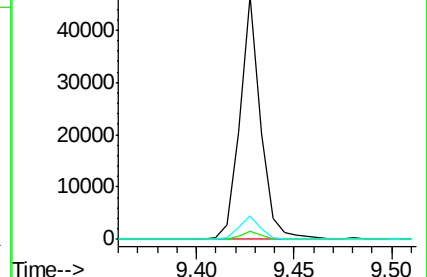
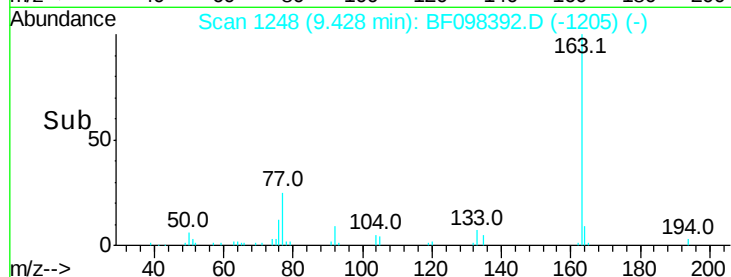
164 9.4 8.4 12.6



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: 11.19 min Scan# 1547

Delta R.T. -0.04 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

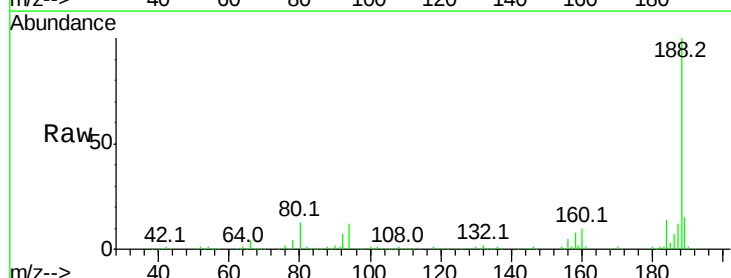
Tgt Ion:188 Resp: 294443

Ion Ratio Lower Upper

188 100

94 12.5 9.4 14.2

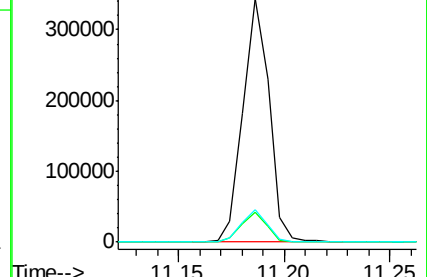
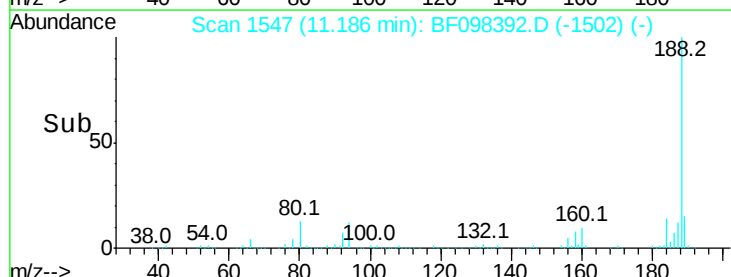
80 13.3 10.2 15.2

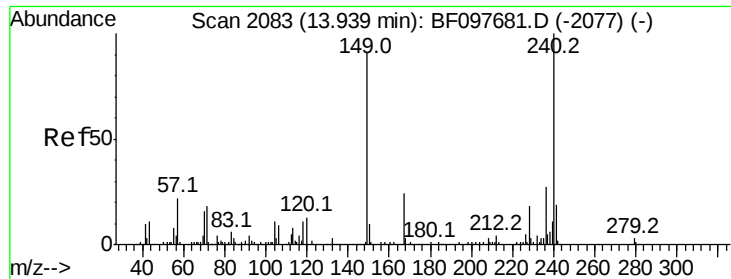


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.82 min Scan# 1995

Delta R.T. -0.04 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

Instrument :

BNA_F

ClientSampleId :

G61A-0-1.5

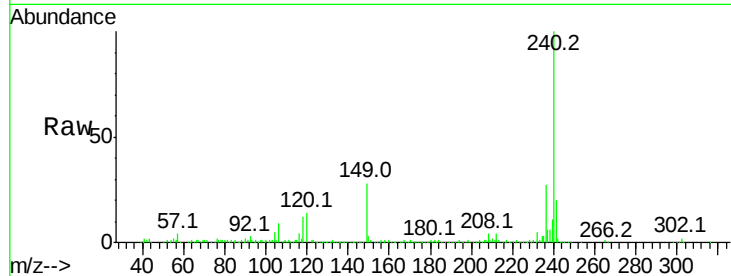
Tot Ion:240 Resp: 244283

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

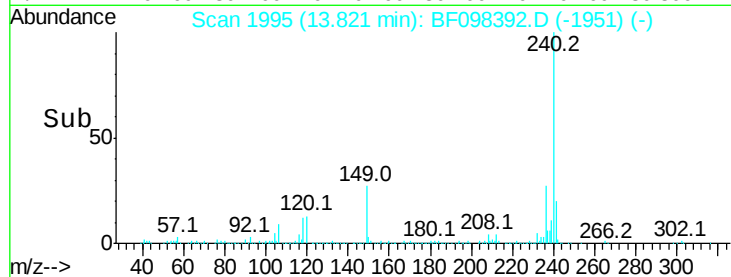
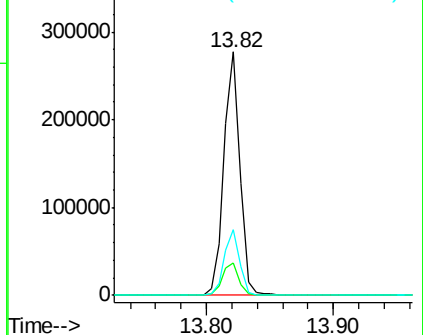
236 26.7 20.5 30.7



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



#78

Terphenyl-d14

Concen: 11.873 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.04 min

Lab File: BF098392.D

Acq: 9 Sep 2017 18:11

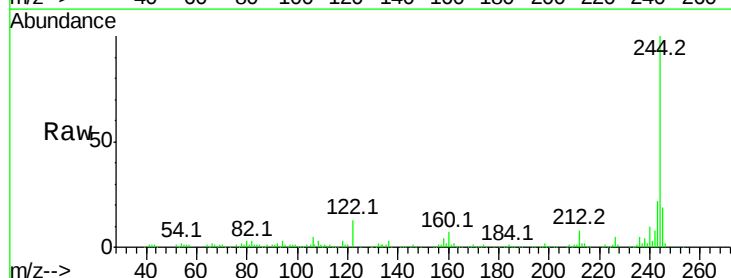
Tgt Ion:244 Resp: 139083

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

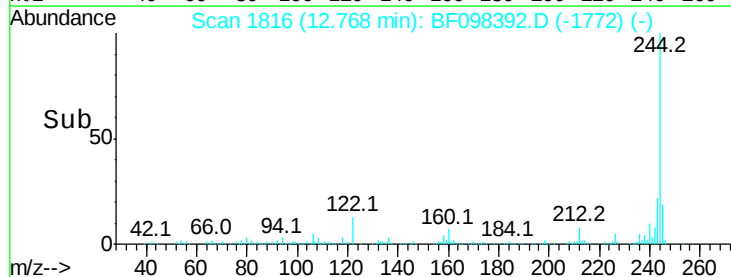
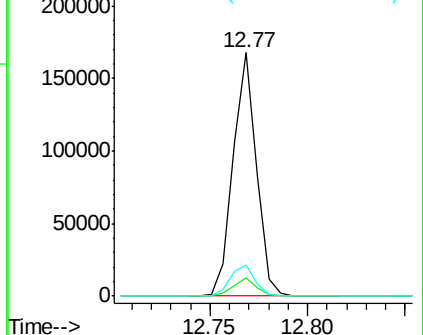
122 12.7 10.3 15.5

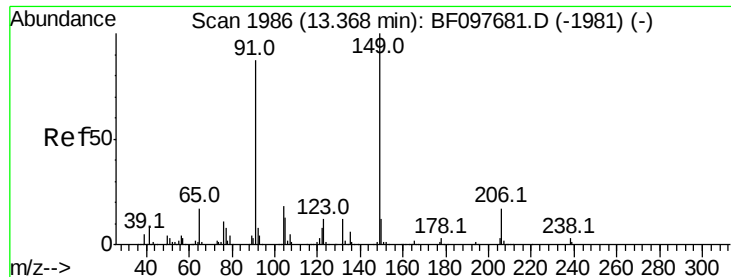


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

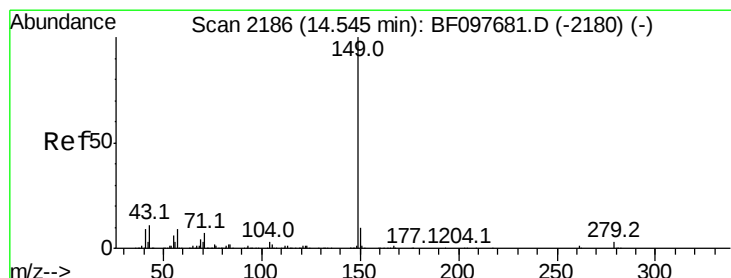
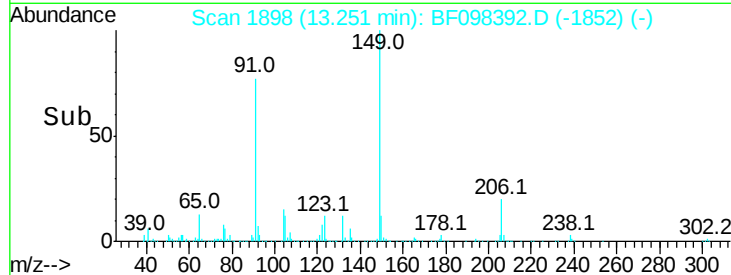
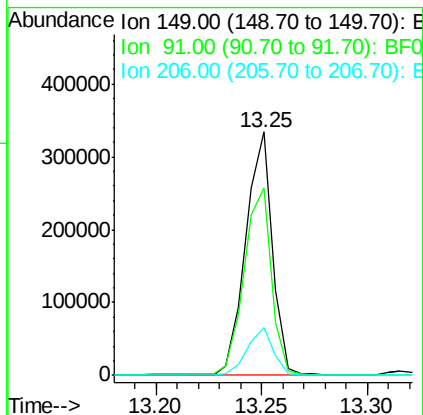
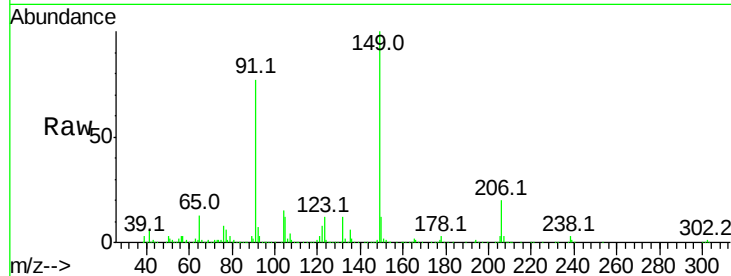




#79
Butylbenzylphthalate
Concen: 37.987 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.03 min
Lab File: BF098392.D
Acq: 9 Sep 2017 18:11

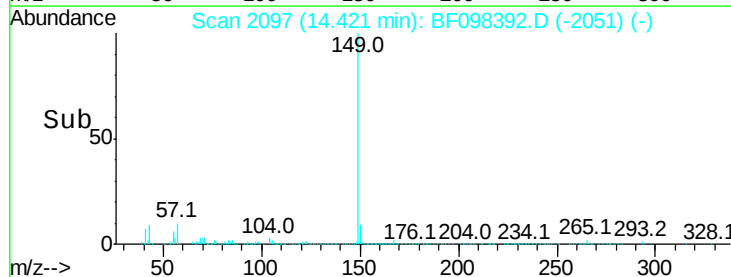
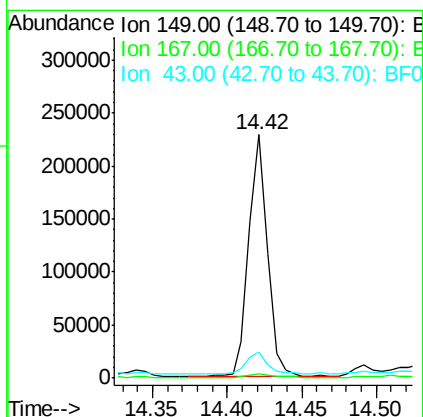
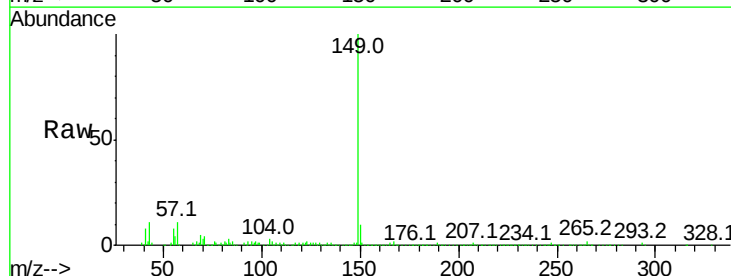
Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5

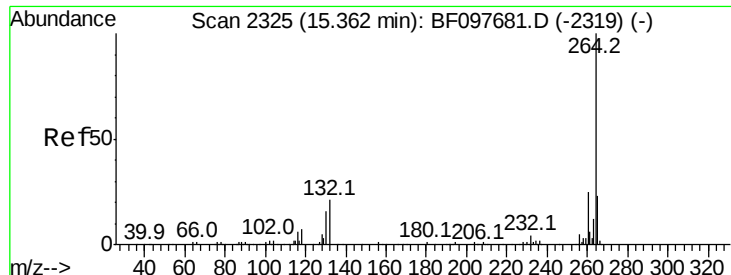
Tot Ion:149 Resp: 290990
Ion Ratio Lower Upper
149 100
91 76.8 45.0 67.4#
206 19.6 17.0 25.6



#84
Di-n-octyl phthalate
Concen: 13.451 ng
RT: 14.42 min Scan# 2097
Delta R.T. -0.03 min
Lab File: BF098392.D
Acq: 9 Sep 2017 18:11

Tgt Ion:149 Resp: 198656
Ion Ratio Lower Upper
149 100
167 2.5 1.2 1.8#
43 10.0 8.5 12.7

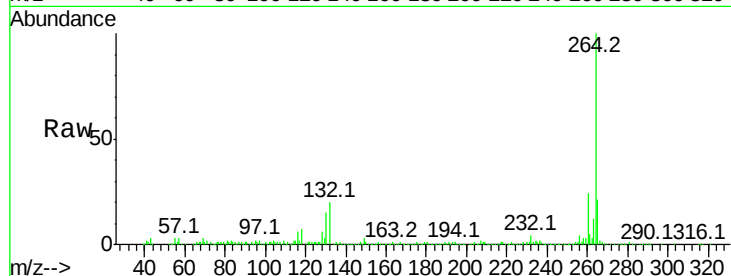




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF098392.D
Acq: 9 Sep 2017 18:11

Instrument :
BNA_F
ClientSampleId :
G61A-0-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.9	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

