

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038262.D
 Acq On : 30 Nov 2018 18:01
 Operator : JU/SJ
 Sample : J5761-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918

Quant Time: Dec 01 03:29:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

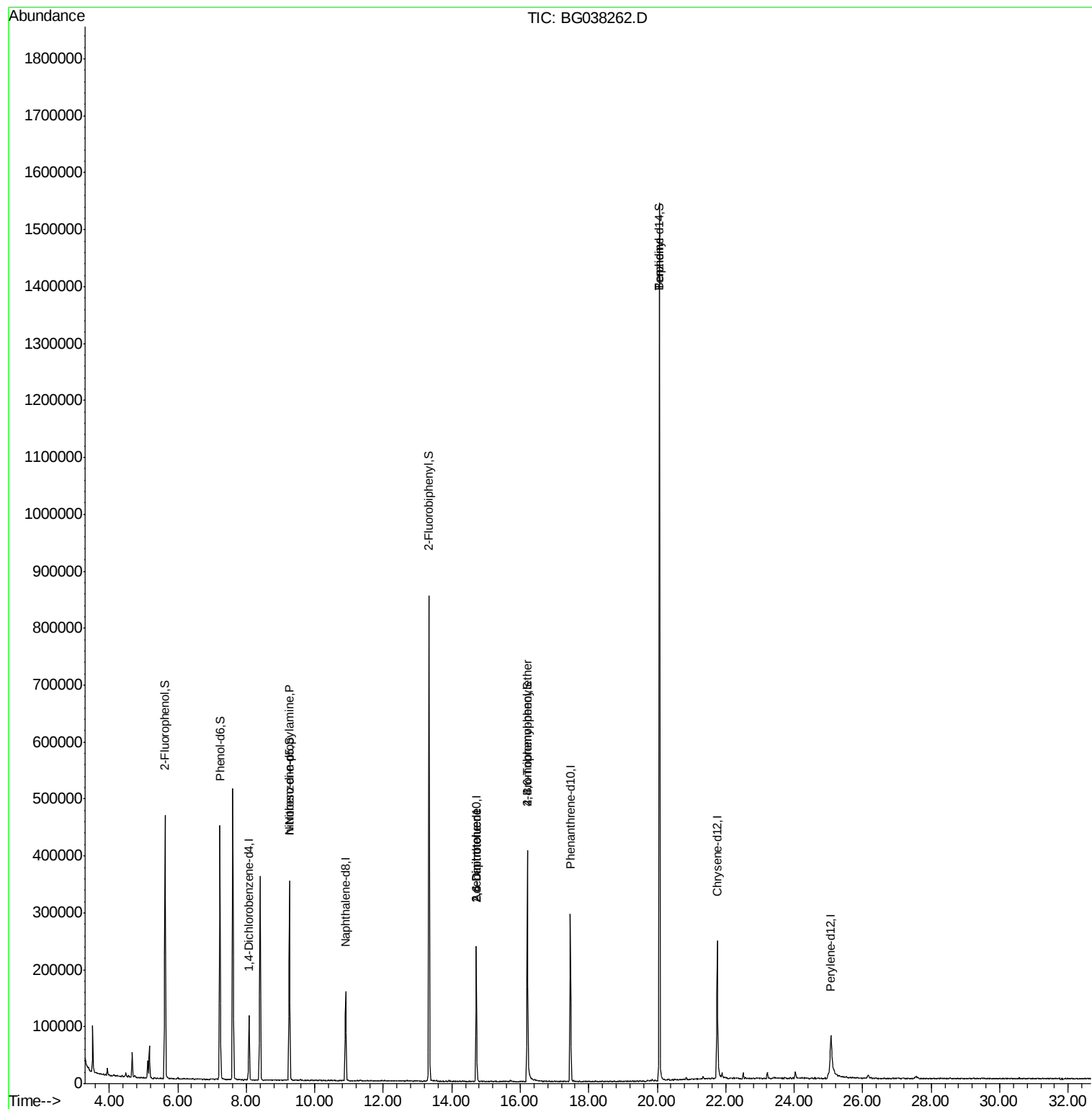
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31959	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	139329	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	86428	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	193928	20.00	ng	0.00
76) Chrysene-d12	21.75	240	183884	20.00	ng	0.00
87) Perylene-d12	25.07	264	143003	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	207526	112.11	ng	0.00
7) Phenol-d6	7.23	99	267357	101.19	ng	0.00
23) Nitrobenzene-d5	9.26	82	216430	83.15	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	89102	90.40	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	463744	78.17	ng	-0.01
79) Terphenyl-d14	20.06	244	766958	98.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	27812	14.547	ng	# 75
51) 2,6-Dinitrotoluene	14.72	165	10786	6.955	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	10786	5.112	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	6409	3.011	ng	# 1
77) Benzidine	20.06	184	13155	2.039	ng	# 91

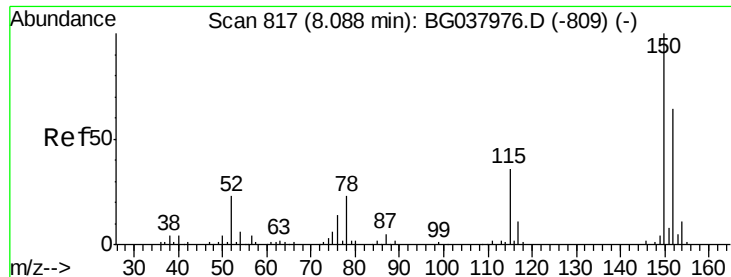
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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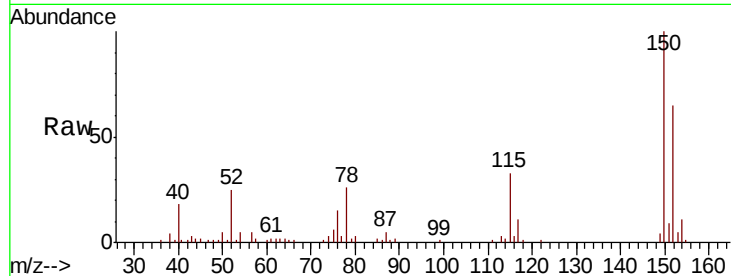


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038262.D
Acq: 30 Nov 2018 18:01

Instrument :
BNA_G
ClientSampleId :
AU-06-112918

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.0	189.0
115	51.6	45.5	68.3

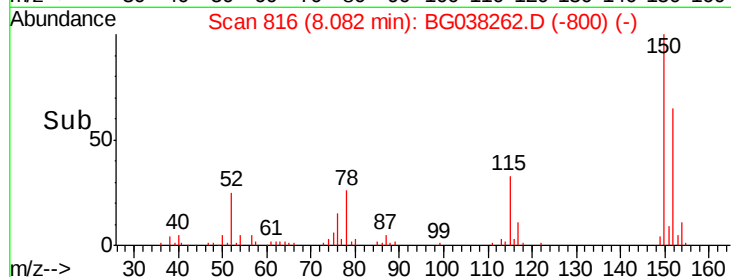
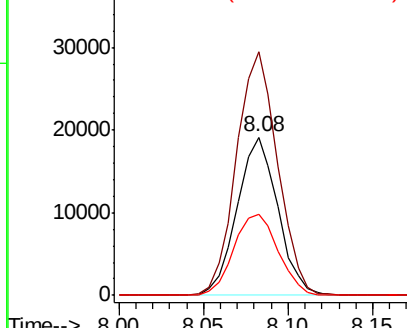


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

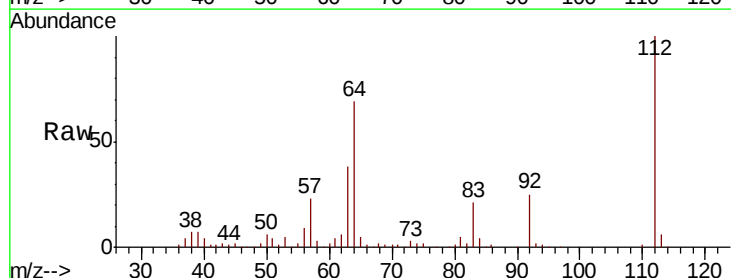
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.115 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038262.D
Acq: 30 Nov 2018 18:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	53.1	79.7
63	37.8	27.3	40.9

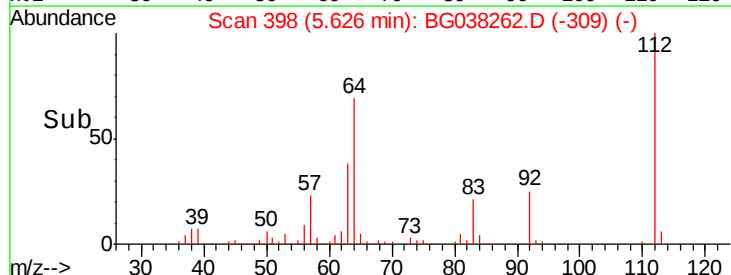
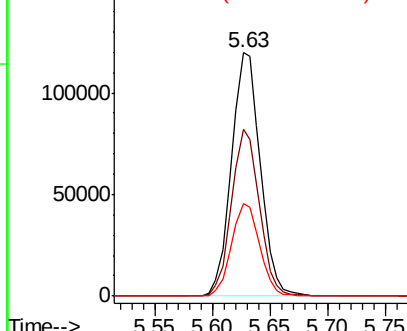


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 101.187 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

Instrument :

BNA_G

ClientSampleId :

AU-06-112918

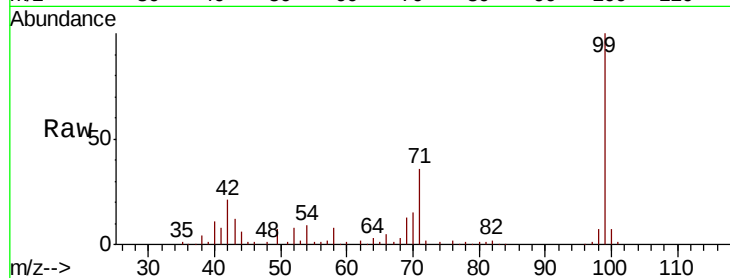
Tot Ion: 99 Resp: 267357

Ion Ratio Lower Upper

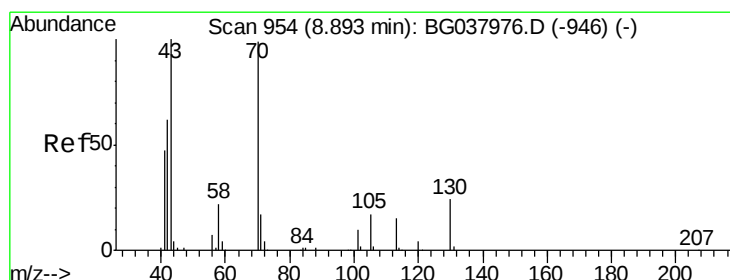
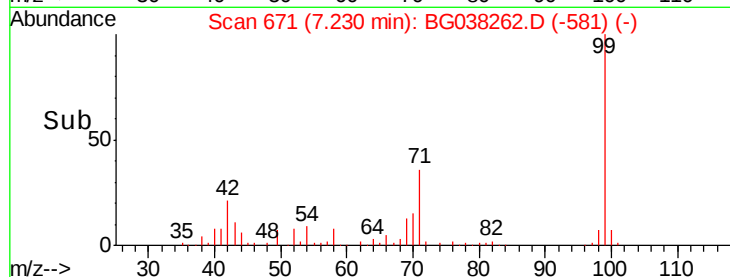
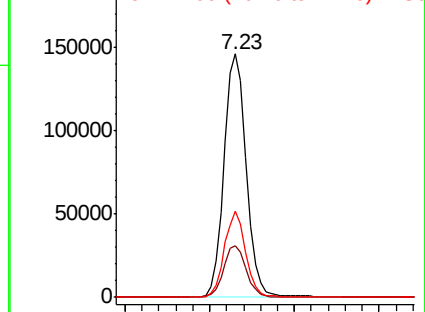
99 100

42 21.3 15.0 22.4

71 35.7 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 14.547 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.36 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

Tgt Ion: 70 Resp: 27812

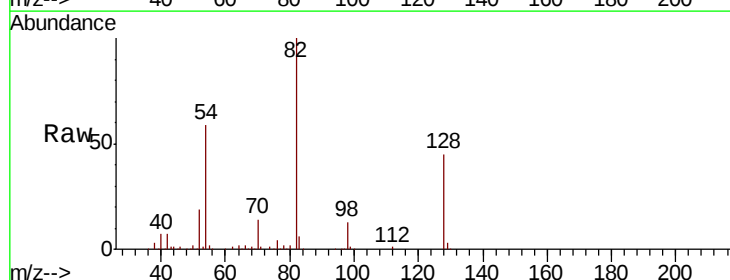
Ion Ratio Lower Upper

70 100

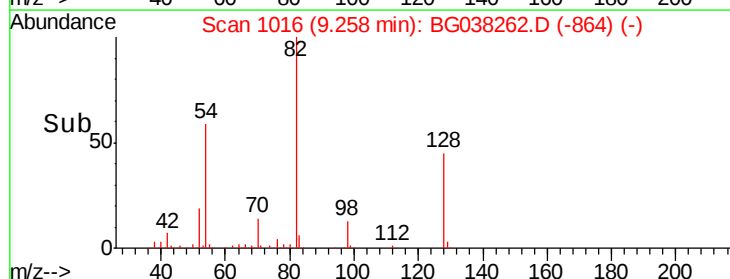
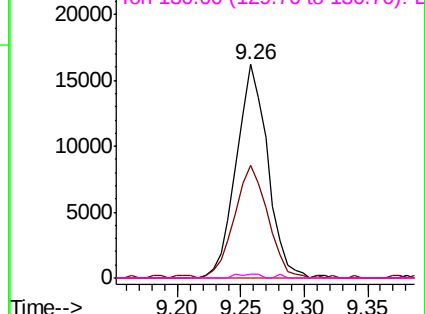
42 52.6 53.9 80.9#

101 0.0 8.2 12.2#

130 1.8 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

Instrument :

BNA_G

ClientSampleId :

AU-06-112918

Tot Ion:136 Resp: 139329

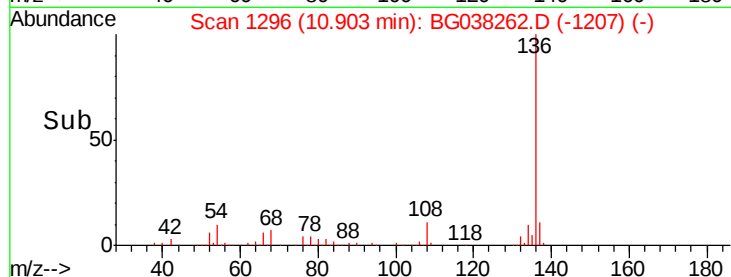
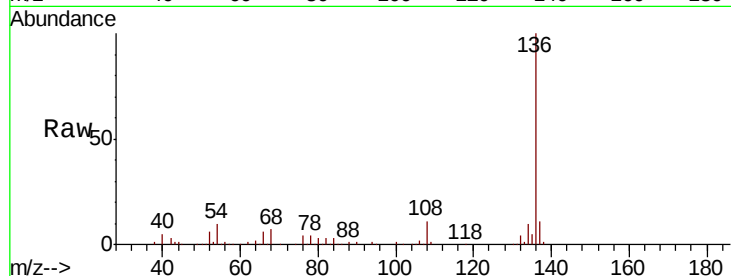
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 9.7 7.9 11.9

68 6.6 4.8 7.2

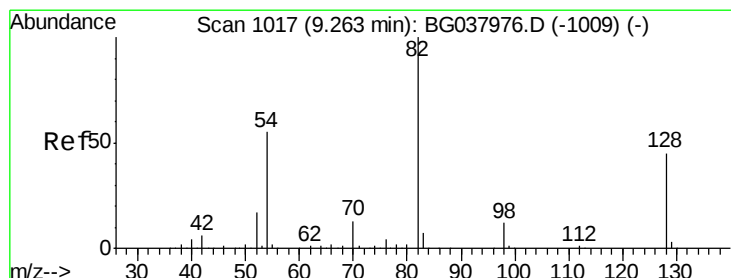
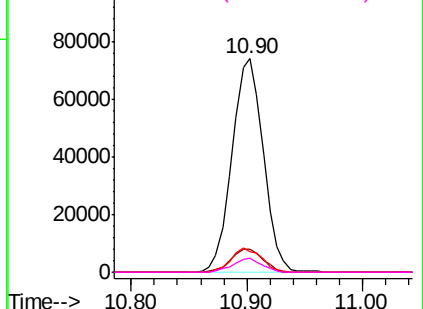


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 83.153 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

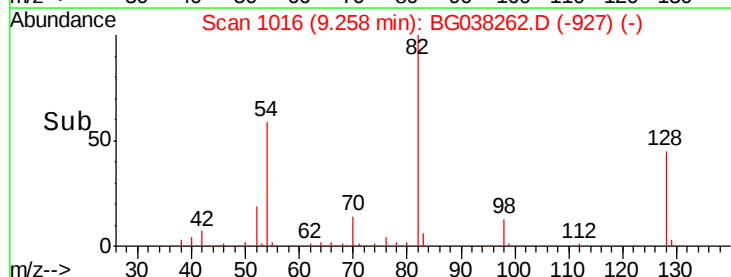
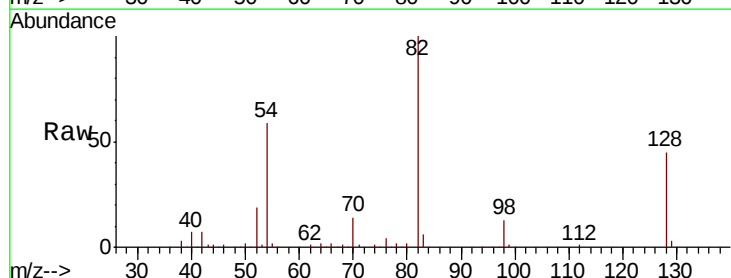
Tgt Ion: 82 Resp: 216430

Ion Ratio Lower Upper

82 100

128 44.6 34.6 51.8

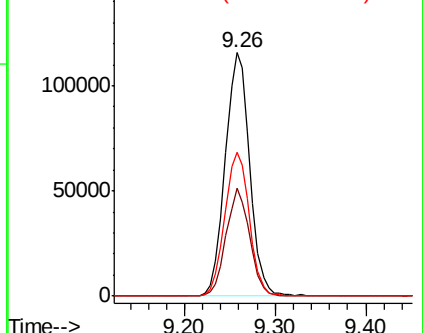
54 59.3 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

Instrument :

BNA_G

ClientSampleId :

AU-06-112918

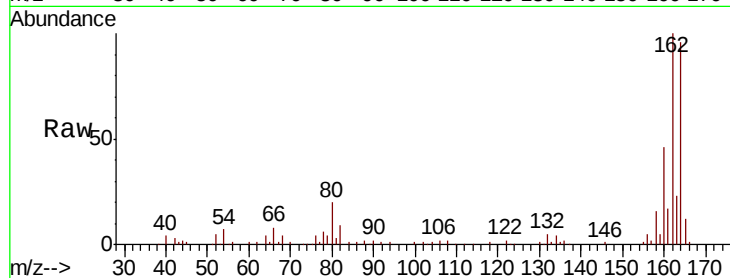
Tot Ion:164 Resp: 86428

Ion Ratio Lower Upper

164 100

162 104.6 81.3 121.9

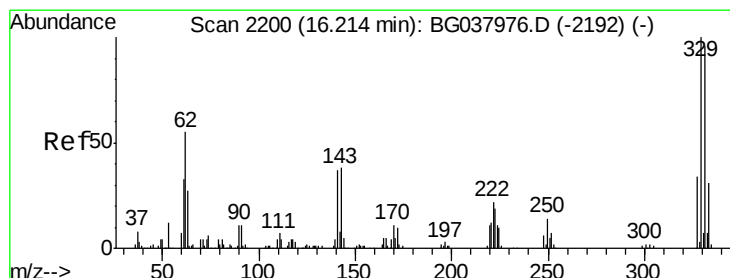
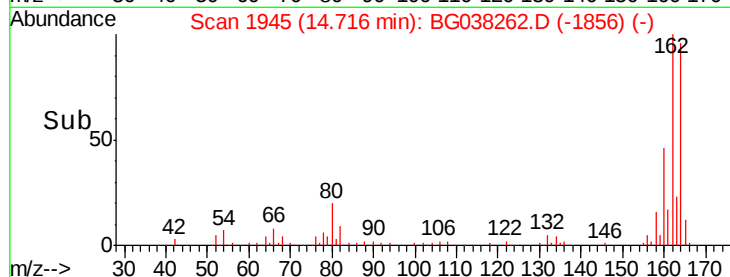
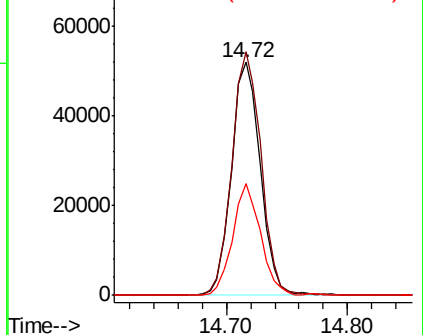
160 48.0 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 90.396 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

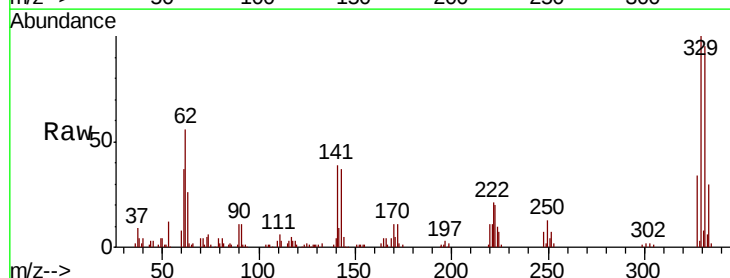
Tgt Ion:330 Resp: 89102

Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

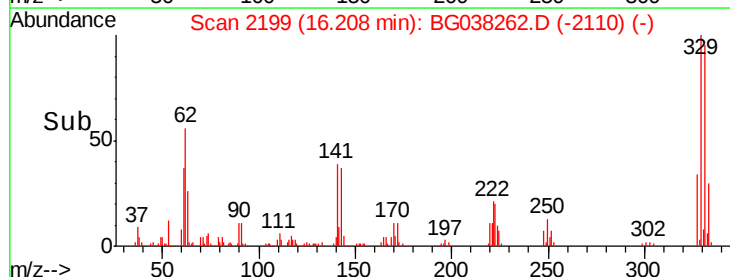
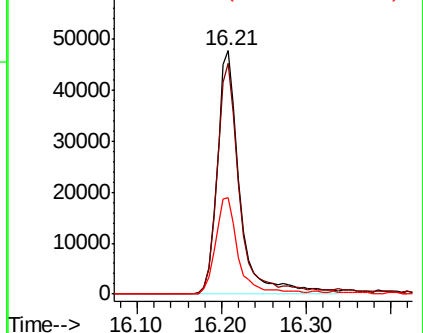
141 40.4 32.2 48.2



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

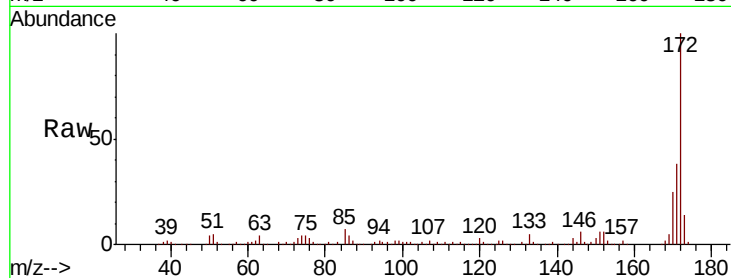




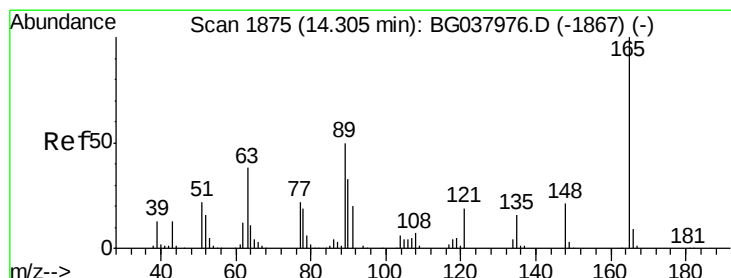
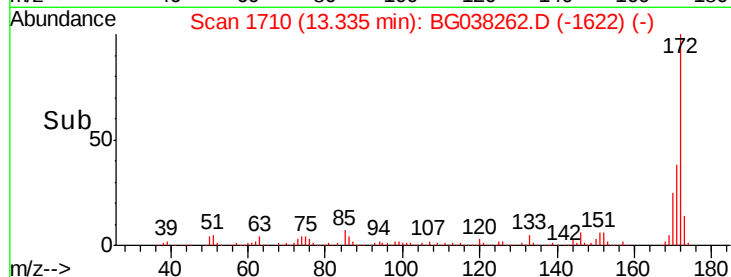
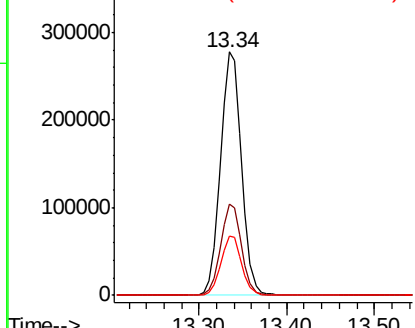
#45
2-Fluorobiphenyl
Concen: 78.170 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038262.D
Acq: 30 Nov 2018 18:01

Instrument :
BNA_G
ClientSampleId :
AU-06-112918

Tot Ion:172 Resp: 463744
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 24.6 20.2 30.2

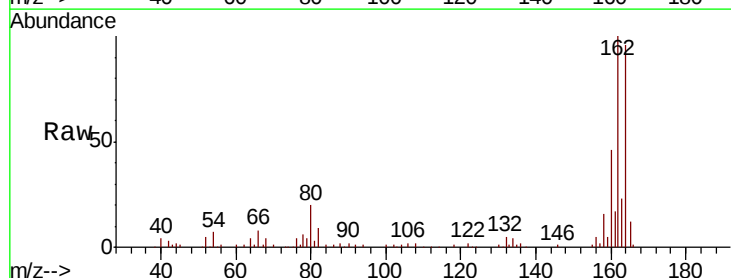


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

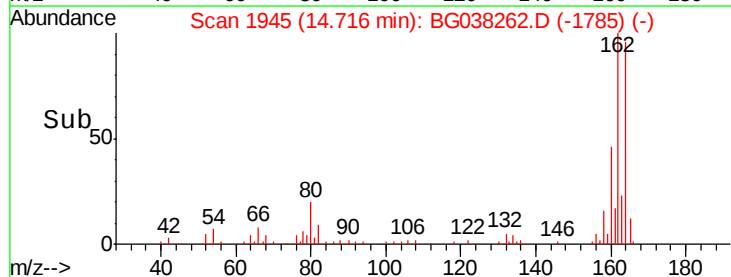
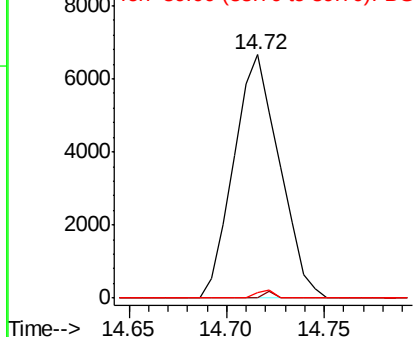


#51
2,6-Dinitrotoluene
Concen: 6.955 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038262.D
Acq: 30 Nov 2018 18:01

Tgt Ion:165 Resp: 10786
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 2.5 45.8 68.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

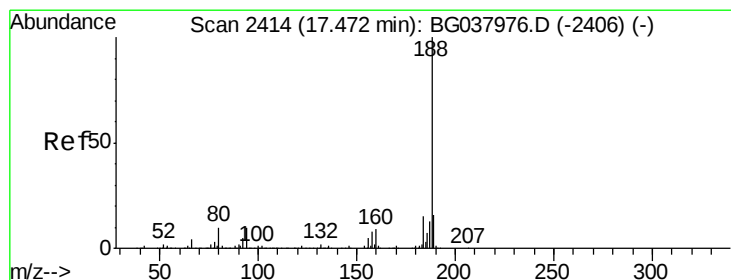
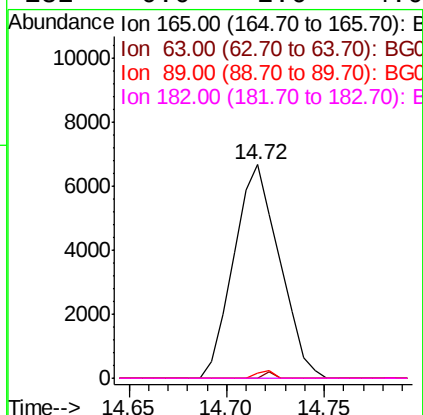
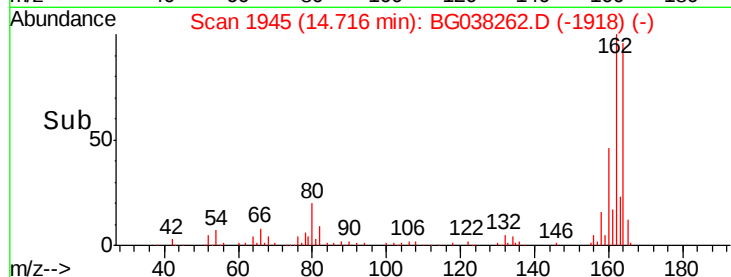
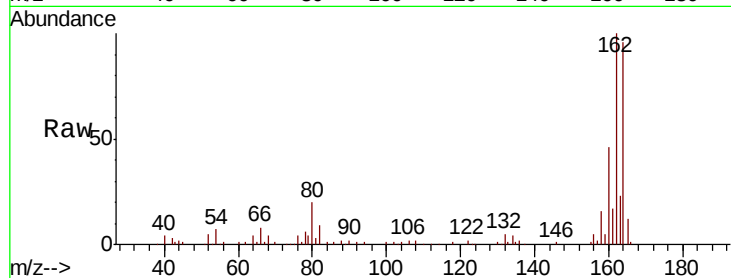




#57
 2,4-Dinitrotoluene
 Concen: 5.112 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038262.D
 Acq: 30 Nov 2018 18:01

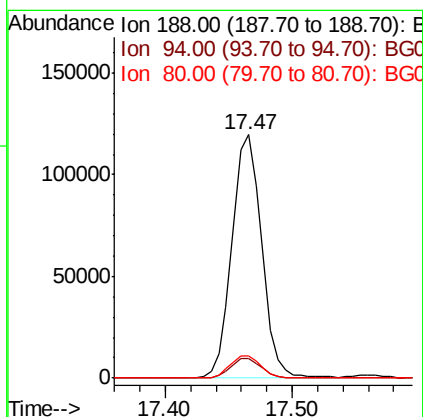
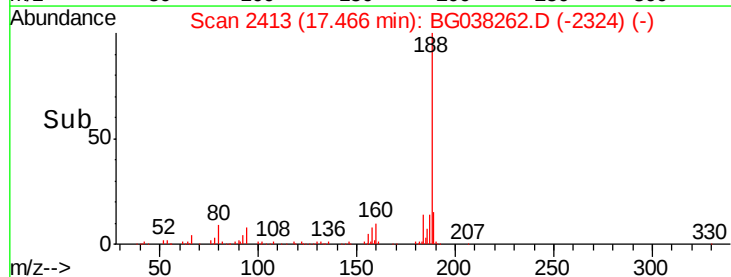
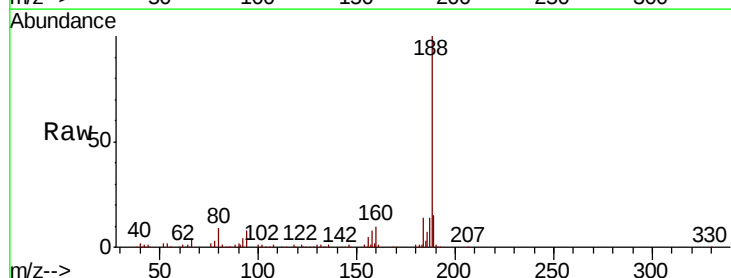
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918

Tot Ion:165	Resp:	10786
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	2.5	57.2 85.8#
182	0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038262.D
 Acq: 30 Nov 2018 18:01

Tgt Ion:188	Resp:	193928
Ion Ratio	Lower	Upper
188	100	
94	8.0	7.2 10.8
80	9.2	7.7 11.5





#67

4-Bromophenyl-phenylether

Concen: 3.011 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.45 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

Instrument :

BNA_G

ClientSampleId :

AU-06-112918

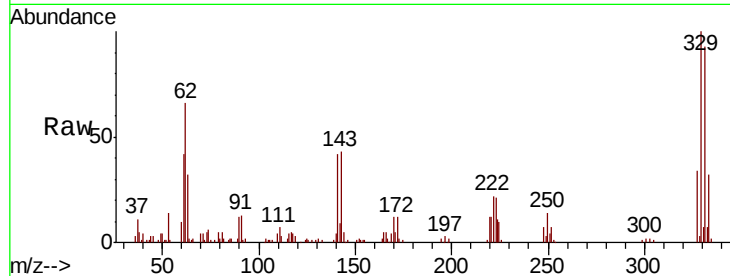
Tot Ion:248 Resp: 6409

Ion Ratio Lower Upper

248 100

250 183.6 77.0 115.6#

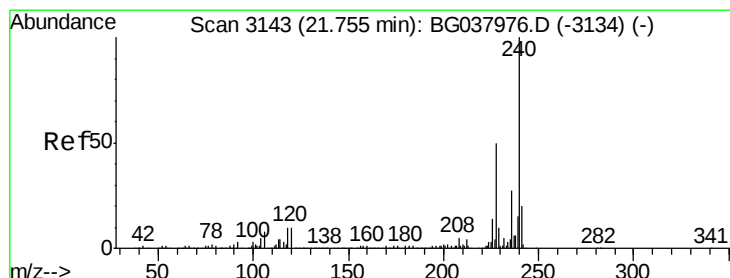
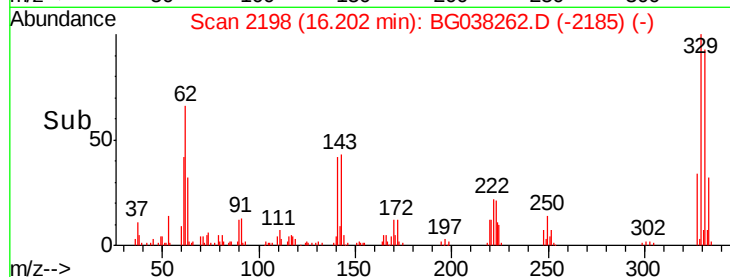
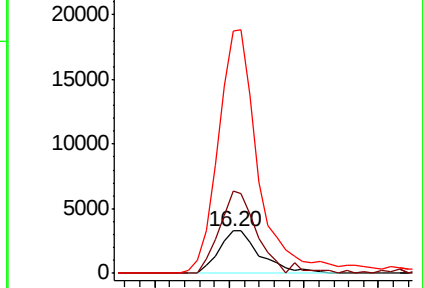
141 423.9 55.5 83.3#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

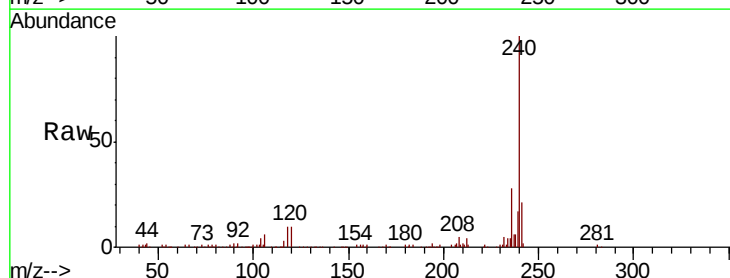
Tgt Ion:240 Resp: 183884

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

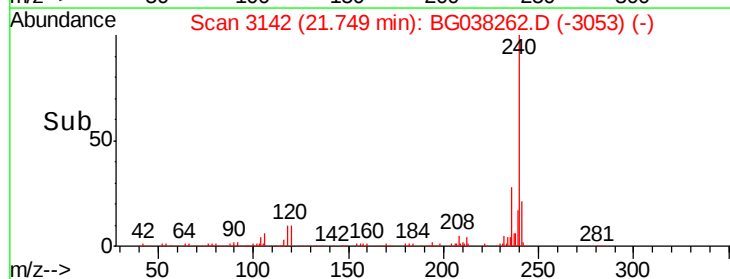
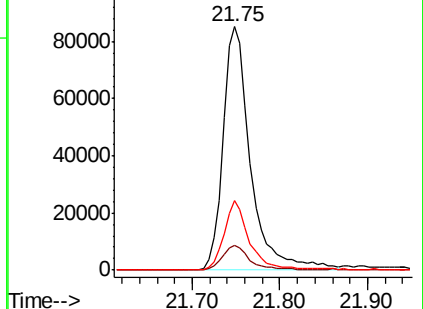
236 28.4 21.4 32.0

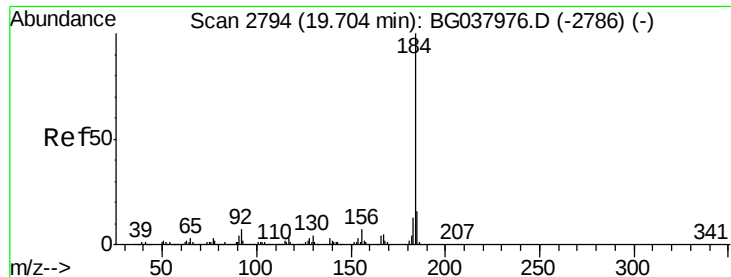


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.039 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.36 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

Instrument :

BNA_G

ClientSampled :

AU-06-112918

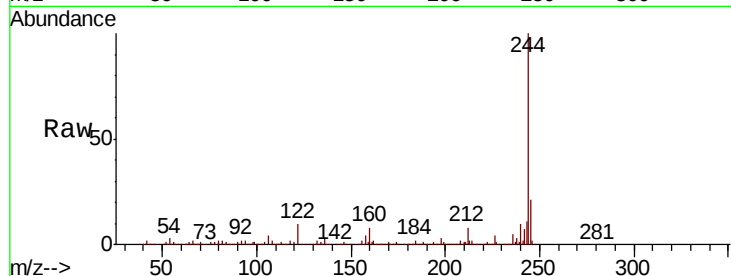
Tot Ion:184 Resp: 13155

Ion Ratio Lower Upper

184 100

185 12.2 12.6 18.8#

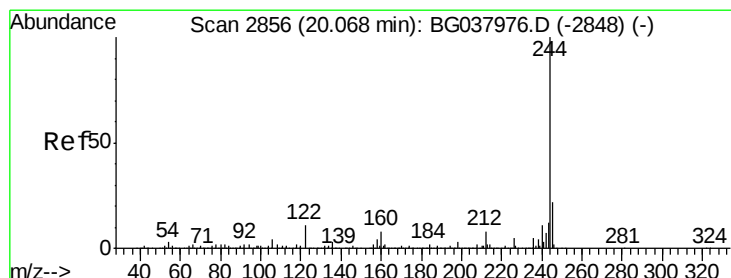
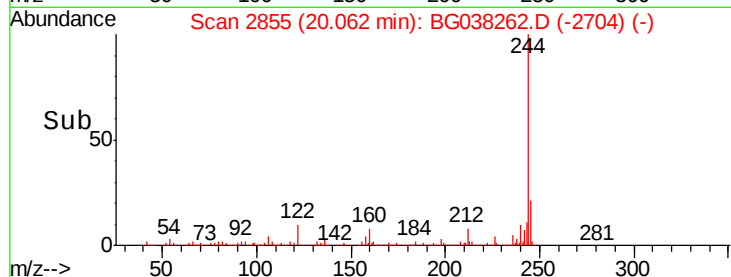
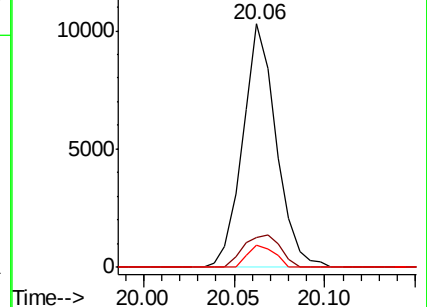
183 9.2 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 98.141 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038262.D

Acq: 30 Nov 2018 18:01

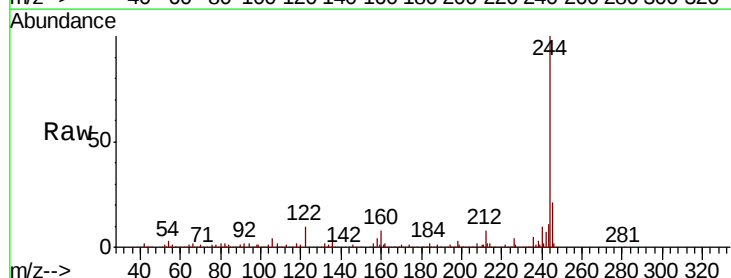
Tgt Ion:244 Resp: 766958

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

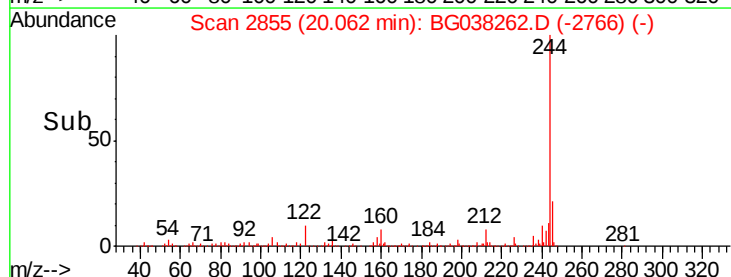
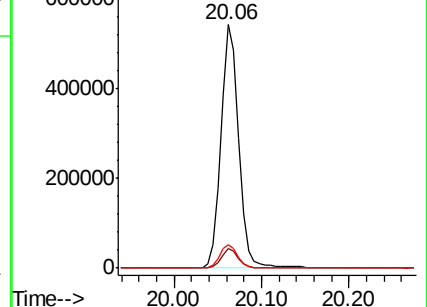
122 9.9 9.0 13.4

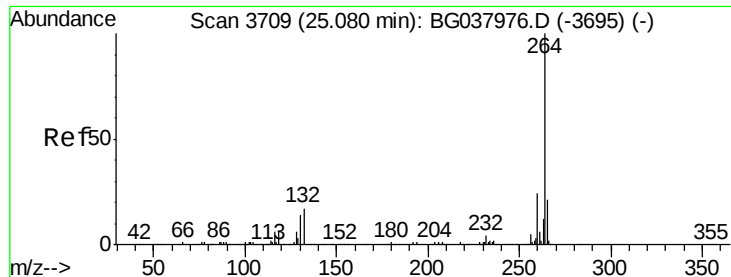


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. -0.01 min
 Lab File: BG038262.D
 Acq: 30 Nov 2018 18:01

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	19.8	17.9	26.9

