

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037927.D
 Acq On : 9 Nov 2018 19:18
 Operator : JU/SJ
 Sample : PB114695TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114695TB

Quant Time: Nov 12 06:10:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

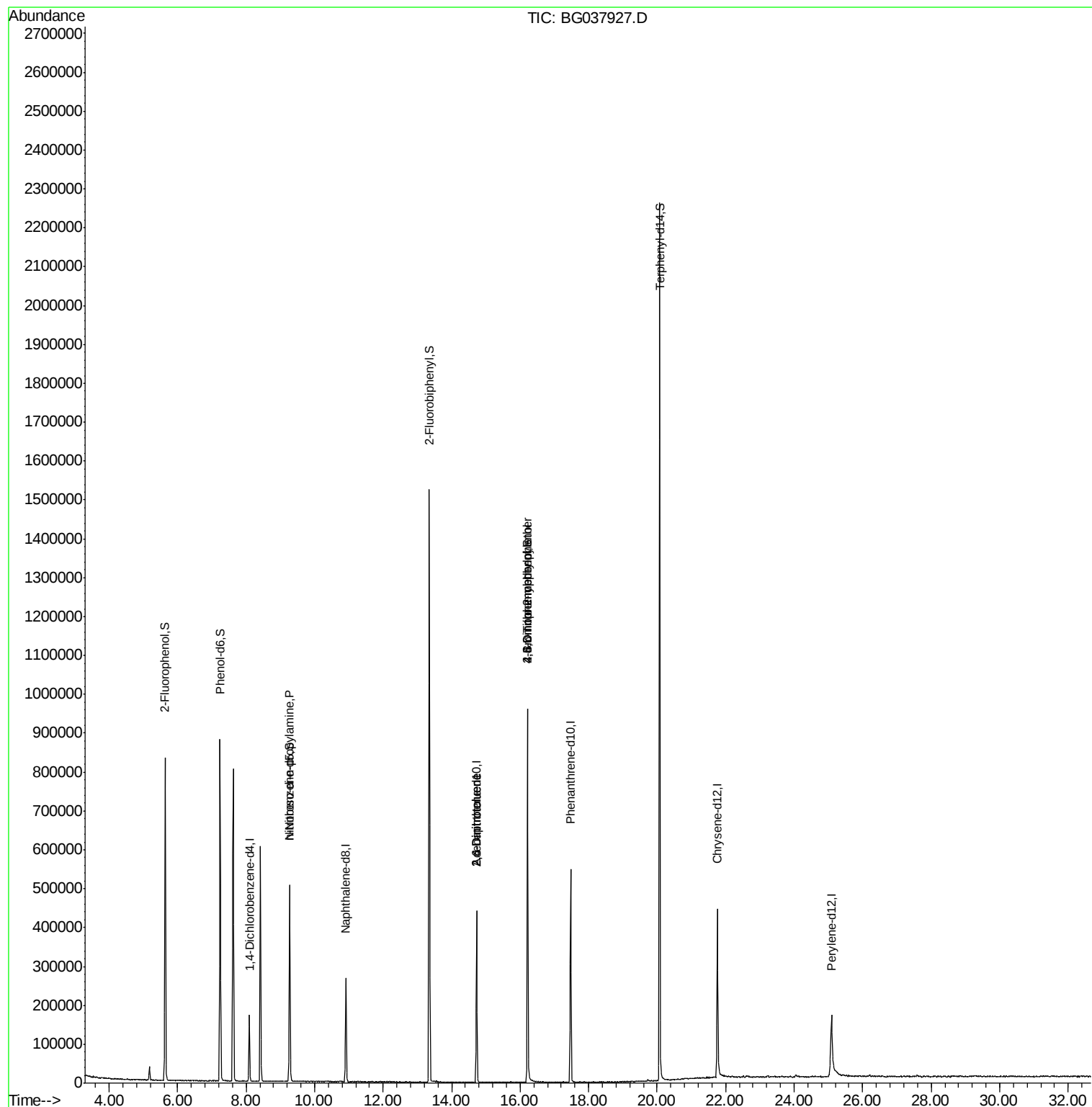
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51307	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	242850	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	165213	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	357179	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	318171	20.00	ng	-0.02
87) Perylene-d12	25.09	264	244124	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	382445	124.62	ng	-0.01
7) Phenol-d6	7.24	99	557613	120.16	ng	-0.01
23) Nitrobenzene-d5	9.27	82	327080	75.45	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	185605	103.00	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	845133	77.14	ng	-0.02
79) Terphenyl-d14	20.07	244	1202074	80.73	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	41363	12.944	ng	# 69
51) 2,6-Dinitrotoluene	14.73	165	21357	7.553	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	21357	5.754	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.20	198	686	8.809	ng	82
67) 4-Bromophenyl-phenylether	16.22	248	13771	3.511	ng	# 1

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

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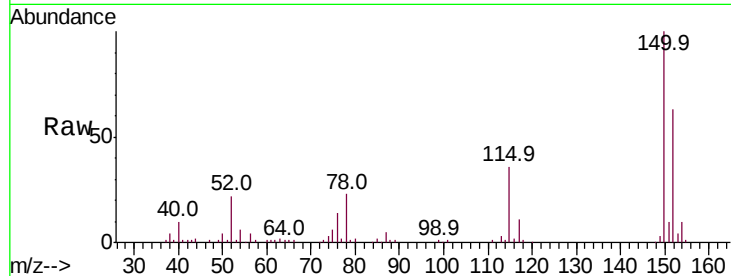


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037927.D
Acq: 9 Nov 2018 19:18

Instrument :
BNA_G
ClientSampleId :
PB114695TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.0	189.0
115	57.3	45.5	68.3

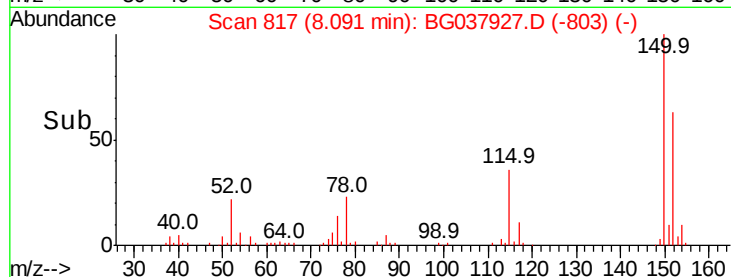
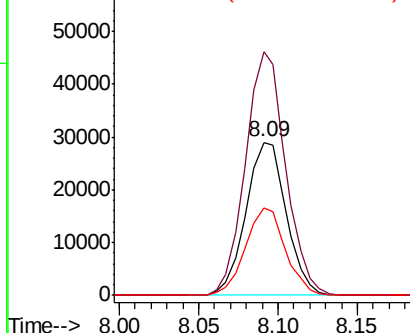


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

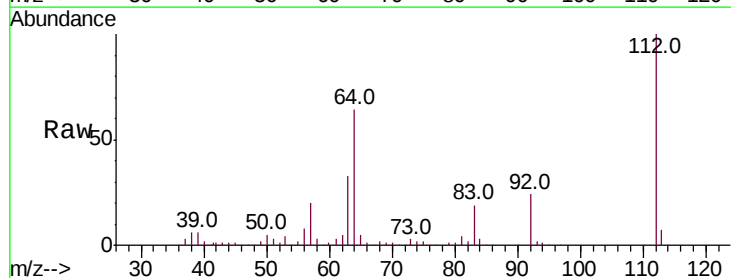
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.621 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037927.D
Acq: 9 Nov 2018 19:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	53.1	79.7
63	33.1	27.3	40.9

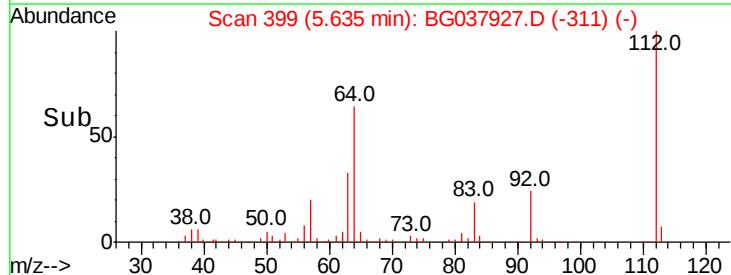
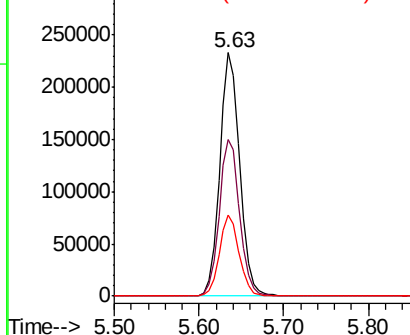


Abundance

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: 120.162 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037927.D

Acq: 9 Nov 2018 19:18

Instrument :

BNA_G

ClientSampleId :

PB114695TB

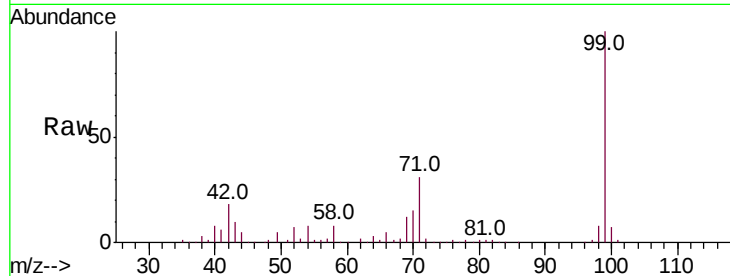
Tot Ion: 99 Resp: 557613

Ion Ratio Lower Upper

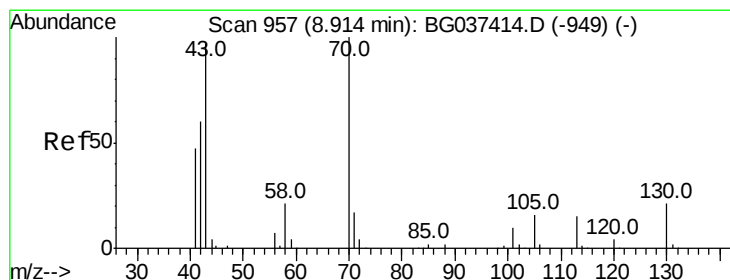
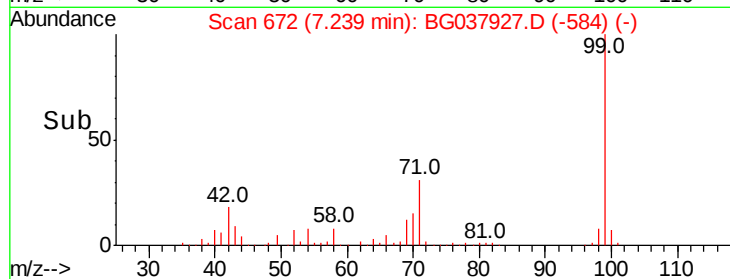
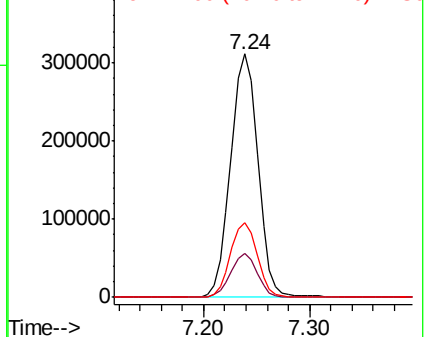
99 100

42 18.0 15.0 22.4

71 30.9 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: 12.944 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037927.D

Acq: 9 Nov 2018 19:18

Tgt Ion: 70 Resp: 41363

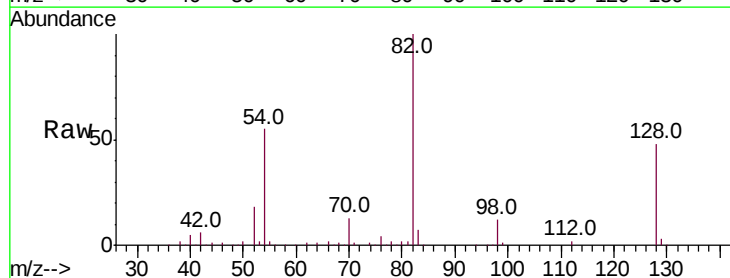
Ion Ratio Lower Upper

70 100

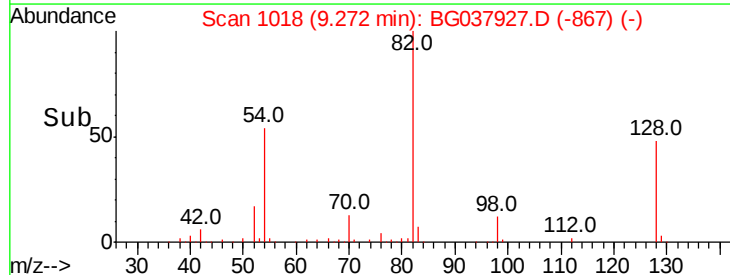
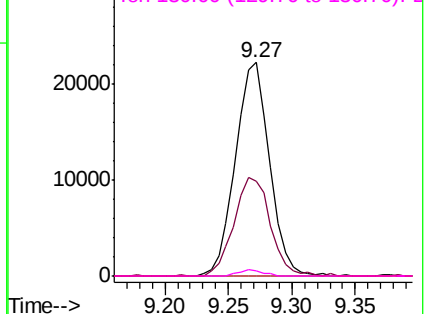
42 44.6 53.9 80.9#

101 0.0 8.2 12.2#

130 2.2 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: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037927.D

Acq: 9 Nov 2018 19:18

Instrument :

BNA_G

ClientSampleId :

PB114695TB

Tot Ion:136 Resp: 242850

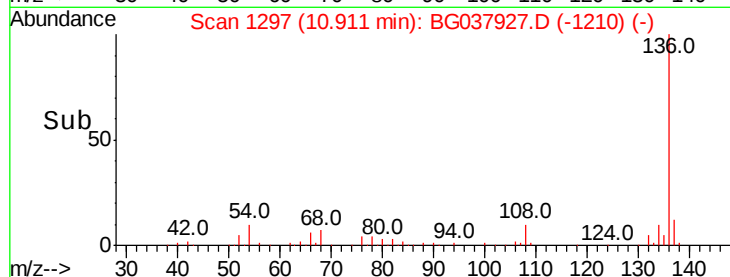
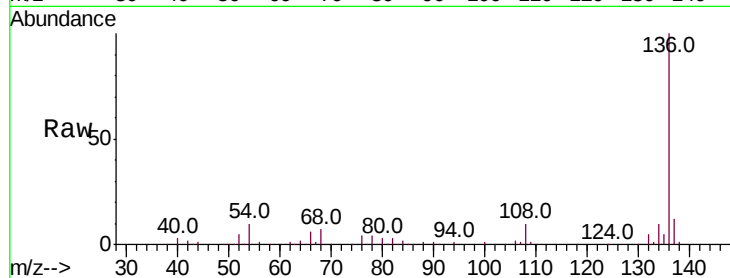
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 10.1 7.9 11.9

68 6.9 4.8 7.2

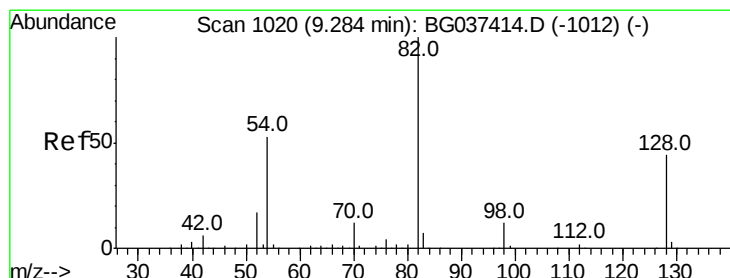
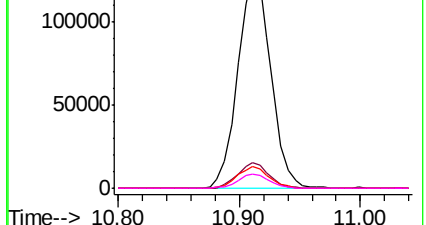


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.449 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG037927.D

Acq: 9 Nov 2018 19:18

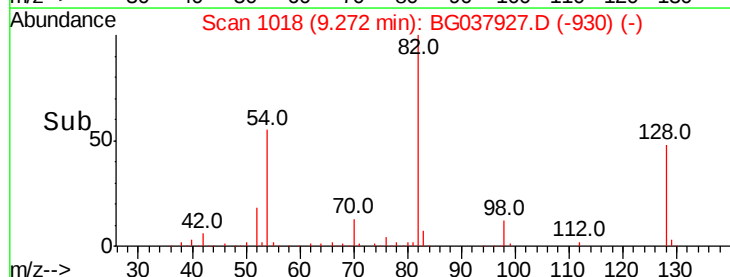
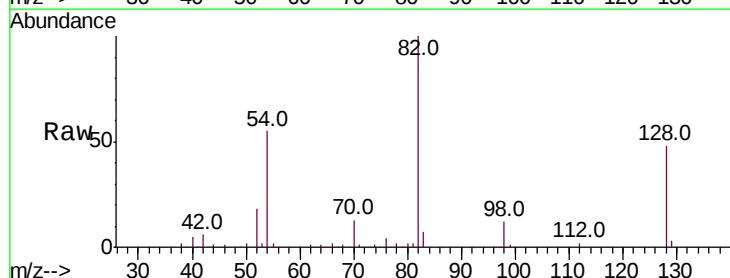
Tgt Ion: 82 Resp: 327080

Ion Ratio Lower Upper

82 100

128 47.7 34.6 51.8

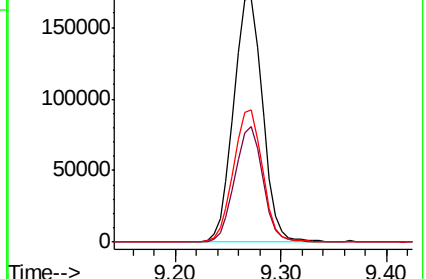
54 54.5 45.3 67.9



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# 1946

Delta R.T. -0.02 min

Lab File: BG037927.D

Acq: 9 Nov 2018 19:18

Instrument :

BNA_G

ClientSampleId :

PB114695TB

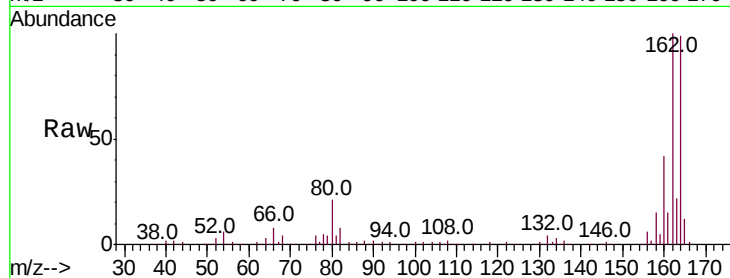
Tot Ion:164 Resp: 165213

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

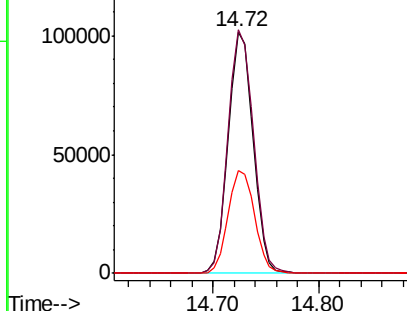
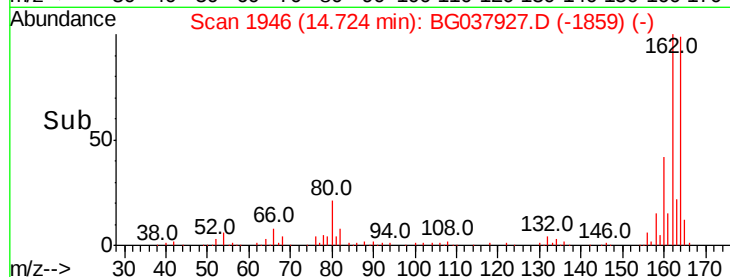
160 42.6 36.3 54.5



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: 103.002 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037927.D

Acq: 9 Nov 2018 19:18

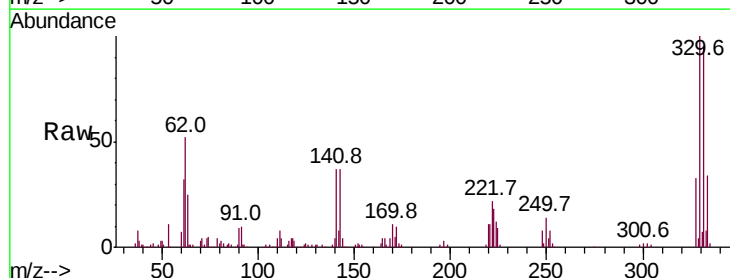
Tgt Ion:330 Resp: 185605

Ion Ratio Lower Upper

330 100

332 96.9 78.4 117.6

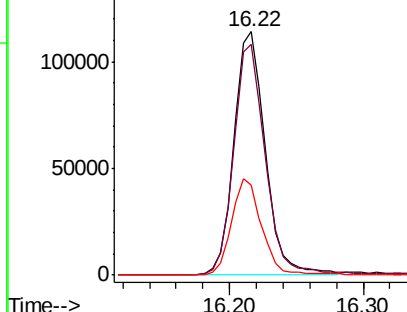
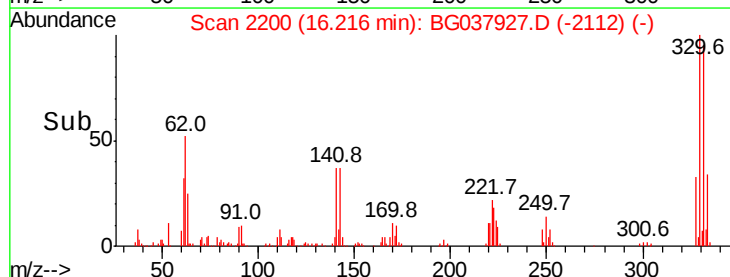
141 39.1 32.2 48.2



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

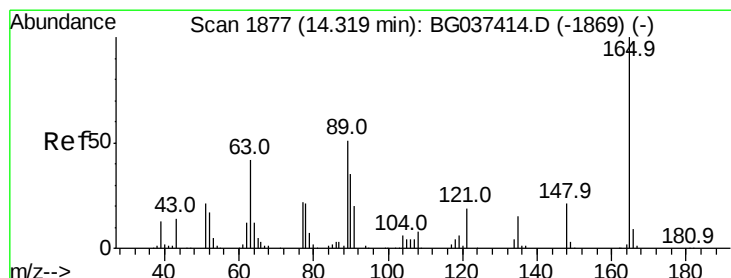
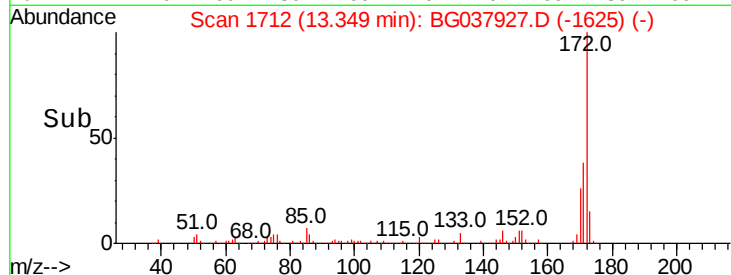
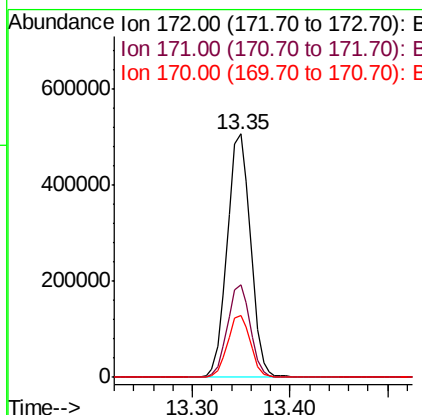
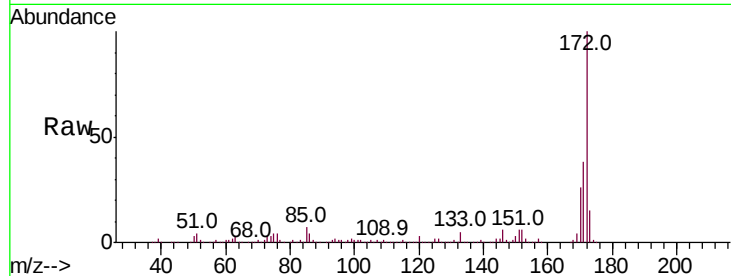




#45
2-Fluorobiphenyl
Concen: 77.138 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037927.D
Acq: 9 Nov 2018 19:18

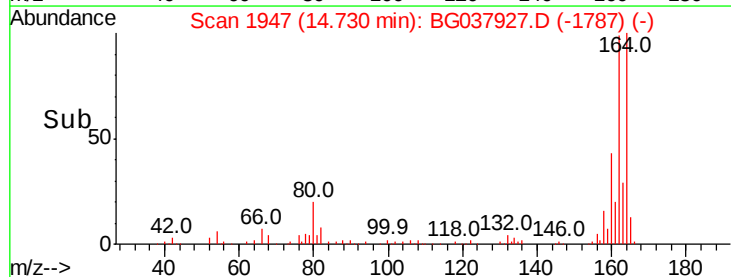
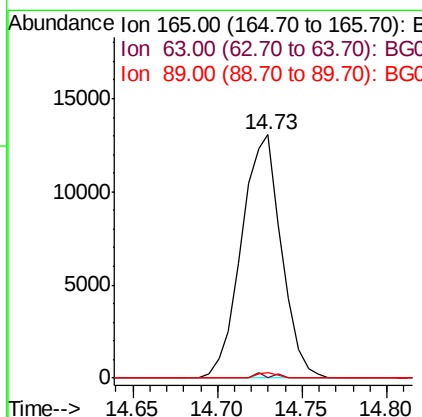
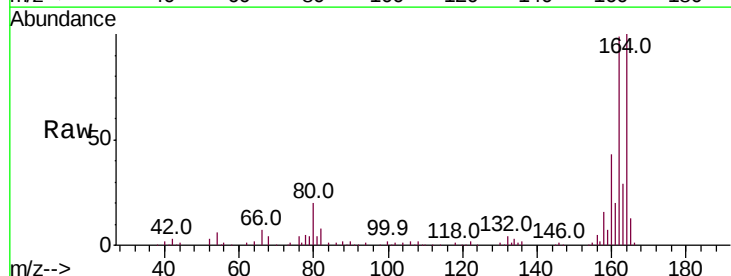
Instrument :
BNA_G
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PB114695TB

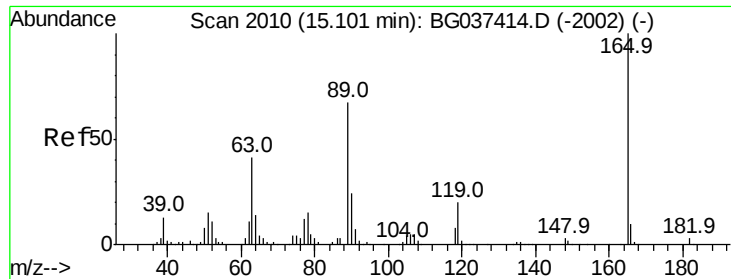
Tot Ion:172 Resp: 845133
Ion Ratio Lower Upper
172 100
171 37.8 31.0 46.4
170 25.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.553 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037927.D
Acq: 9 Nov 2018 19:18

Tgt Ion:165 Resp: 21357
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 2.1 45.8 68.6#

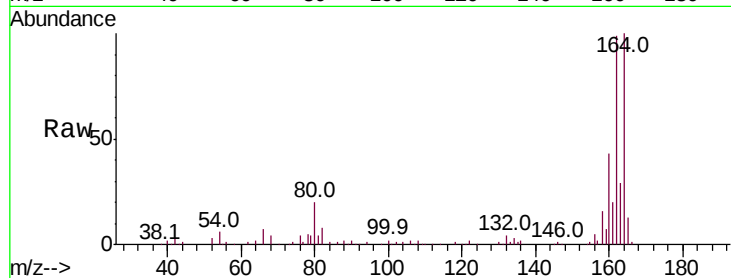




#57
 2,4-Dinitrotoluene
 Concen: 5.754 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037927.D
 Acq: 9 Nov 2018 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB114695TB

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.1	57.2	85.8#
182	0.0	2.6	4.0#

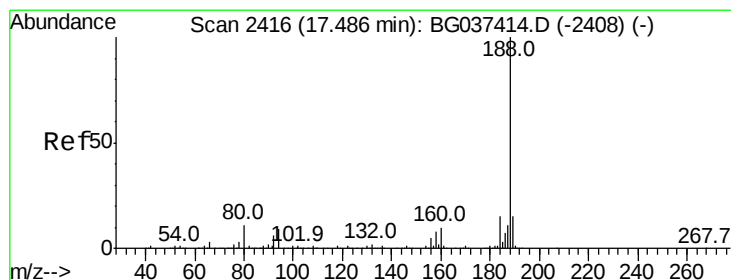
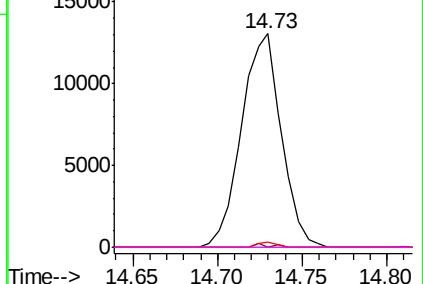
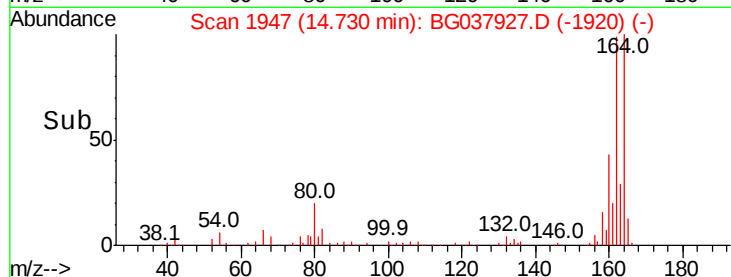


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

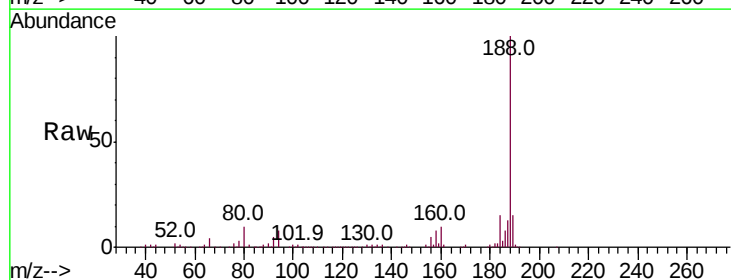
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037927.D
 Acq: 9 Nov 2018 19:18

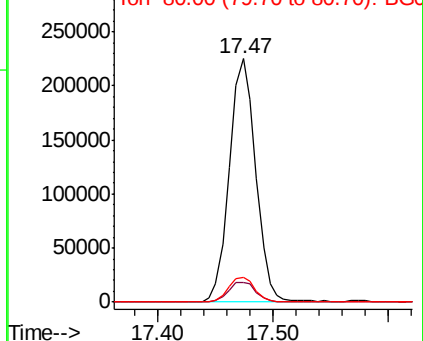
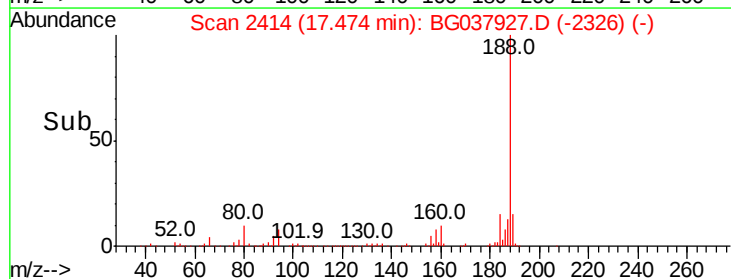
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	10.2	7.7	11.5

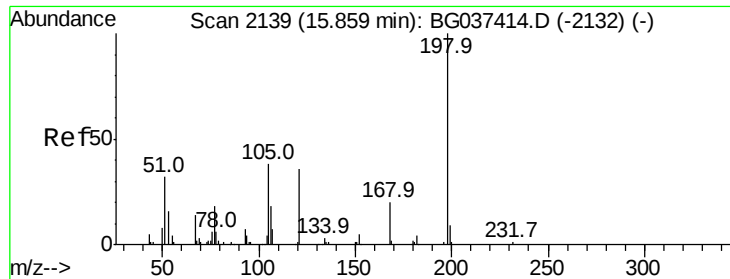


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

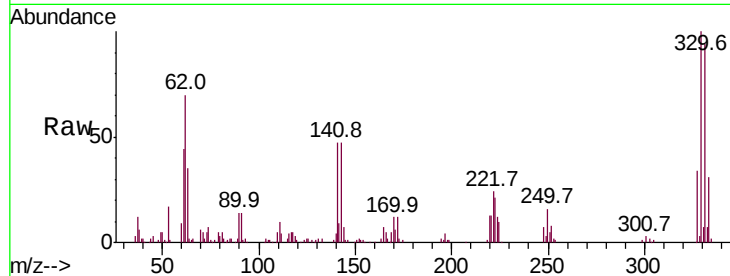




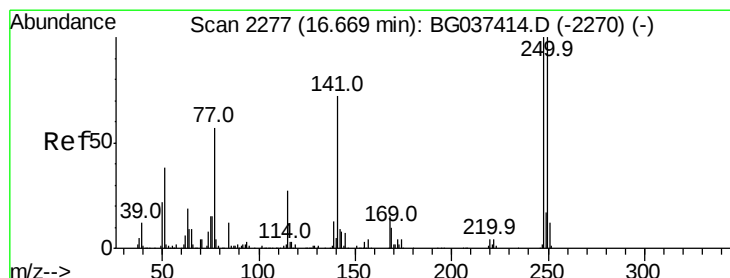
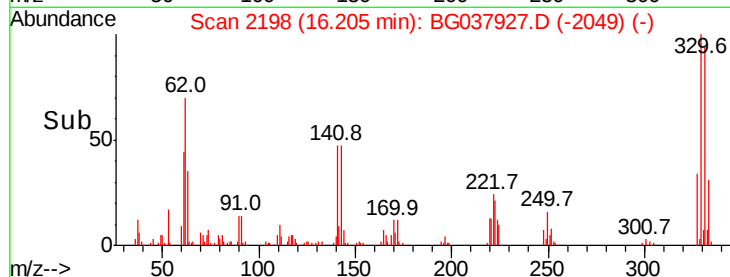
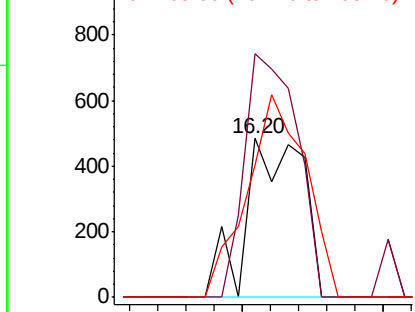
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.809 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. 0.35 min
 Lab File: BG037927.D
 Acq: 9 Nov 2018 19:18

Instrument :
 BNA_G
 ClientSampleId :
 PB114695TB

Tot Ion:198 Resp: 686
 Ion Ratio Lower Upper
 198 100
 51 55.1 22.7 62.7
 105 30.0 19.7 59.7

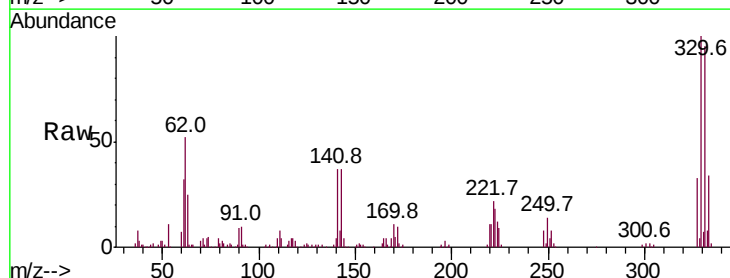


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

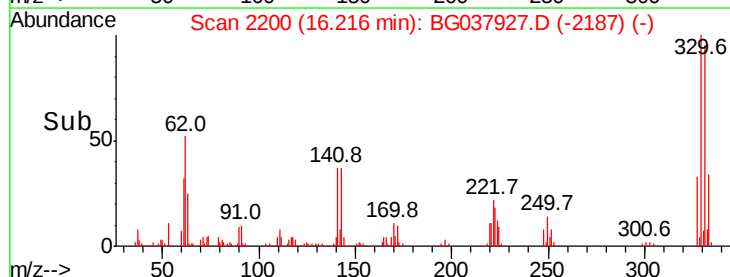
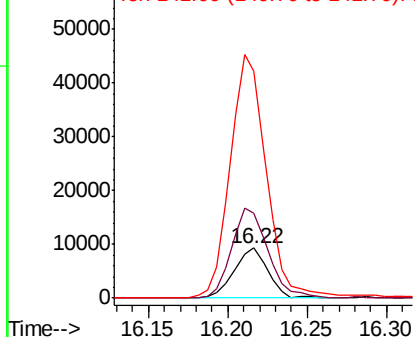


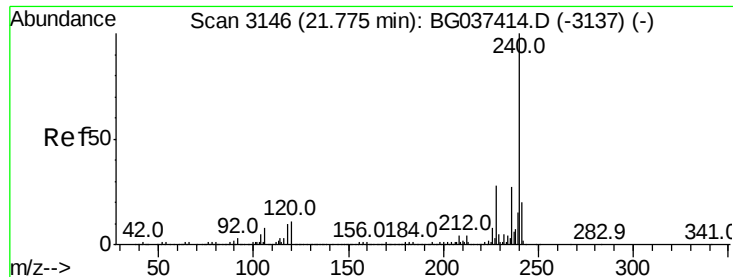
#67
 4-Bromophenyl-phenylether
 Concen: 3.511 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037927.D
 Acq: 9 Nov 2018 19:18

Tgt Ion:248 Resp: 13771
 Ion Ratio Lower Upper
 248 100
 250 179.0 77.0 115.6#
 141 366.3 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: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037927.D

Acq: 9 Nov 2018 19:18

Instrument :

BNA_G

ClientSampleId :

PB114695TB

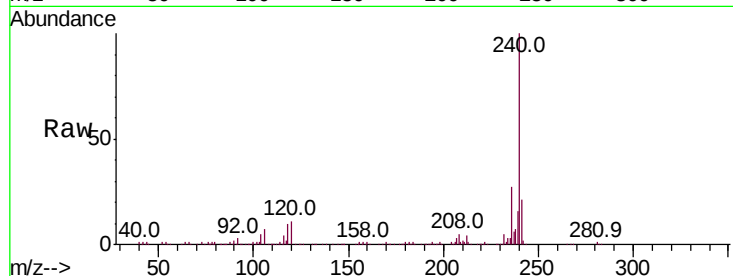
Tot Ion:240 Resp: 318171

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	26.7	21.4	32.0

240 100

120 10.7 8.1 12.1

236 26.7 21.4 32.0

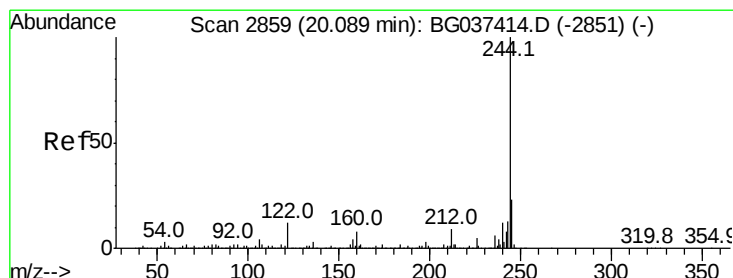
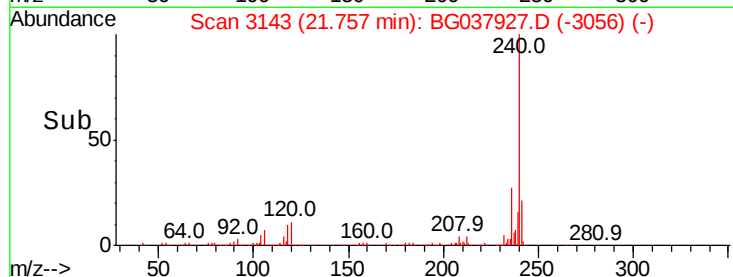
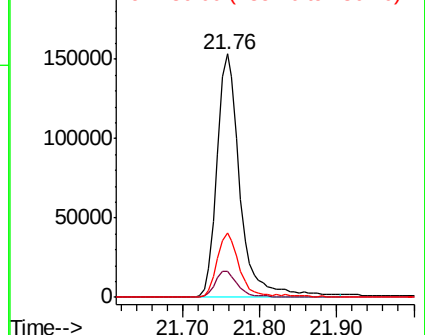


Abundance

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



#79

Terphenyl-d14

Concen: 80.729 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037927.D

Acq: 9 Nov 2018 19:18

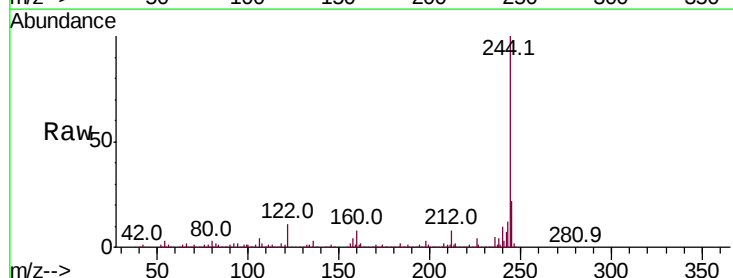
Tgt Ion:244 Resp: 1202074

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	10.7	9.0	13.4

244 100

212 7.6 6.5 9.7

122 10.7 9.0 13.4

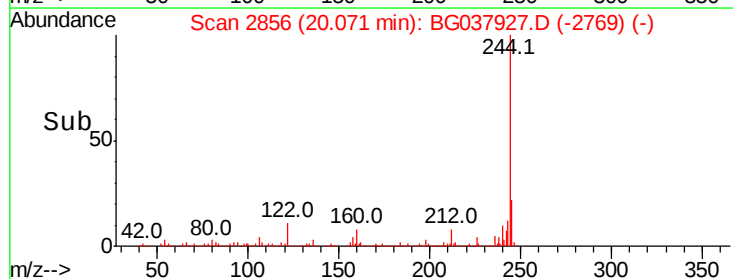
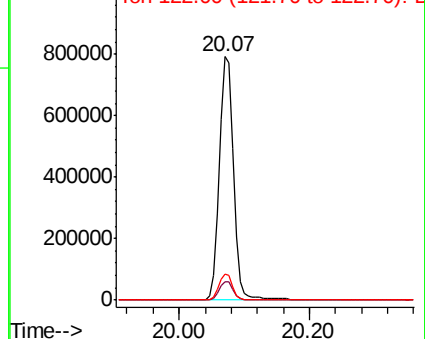


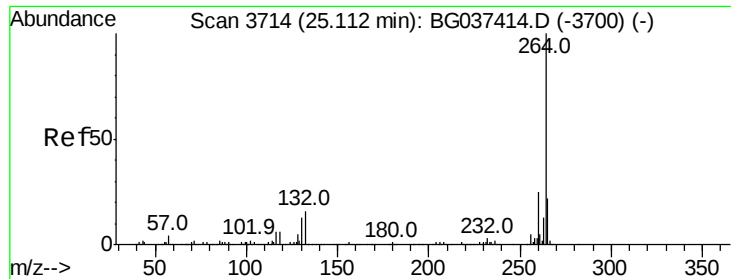
Abundance

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: 25.09 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG037927.D
Acq: 9 Nov 2018 19:18

Instrument :
BNA_G
ClientSampleId :
PB114695TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	22.2	17.9	26.9

