

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037926.D
 Acq On : 9 Nov 2018 18:39
 Operator : JU/SJ
 Sample : PB114695BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114695BL

Quant Time: Nov 12 06:10:20 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

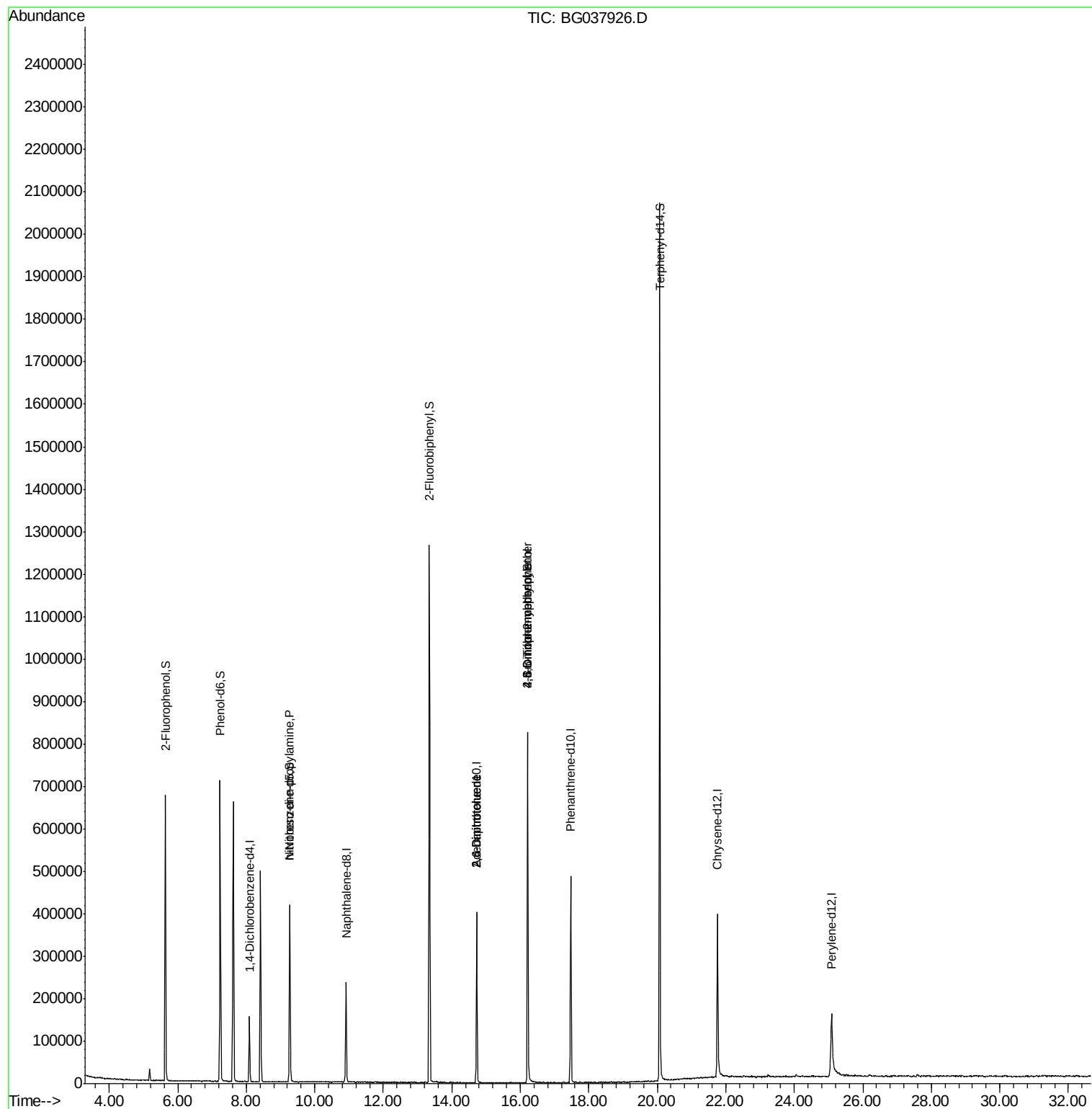
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	45745	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	210931	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	144929	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	330221	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	298664	20.00	ng	-0.02
87) Perylene-d12	25.08	264	233113	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	313137	114.44	ng	-0.01
7) Phenol-d6	7.24	99	457576	110.59	ng	-0.02
23) Nitrobenzene-d5	9.27	82	272256	72.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	162969	103.10	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	712364	74.12	ng	-0.02
79) Terphenyl-d14	20.07	244	1052406	75.29	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	34021	11.941	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	18663	7.524	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	18663	5.732	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.21	198	326	8.662	ng	# 70
67) 4-Bromophenyl-phenylether	16.21	248	11748	3.240	ng	# 1

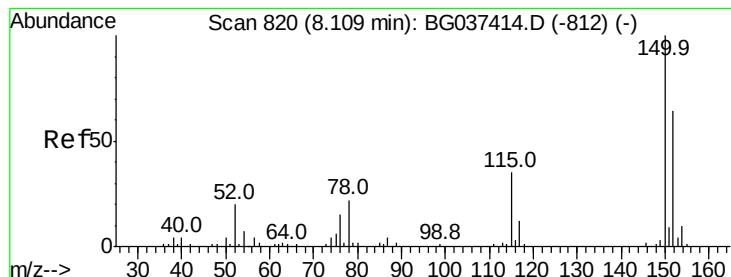
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.02 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114695BL

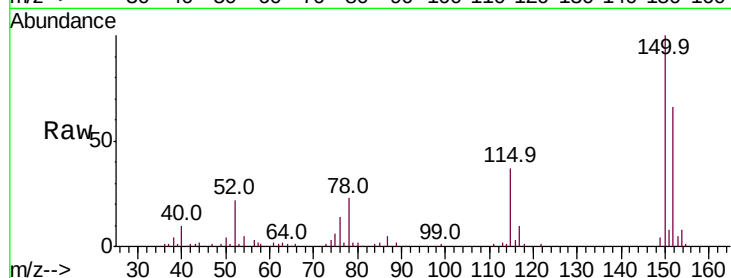
Tot Ion:152 Resp: 45745

Ion Ratio Lower Upper

152 100

150 151.1 126.0 189.0

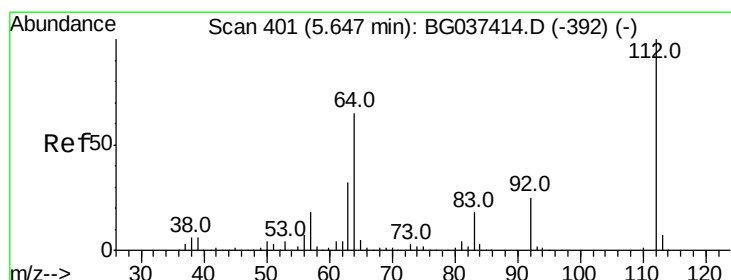
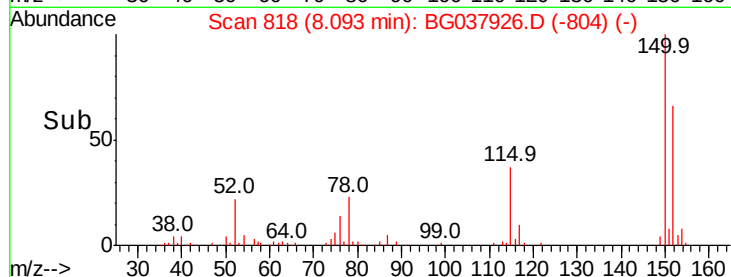
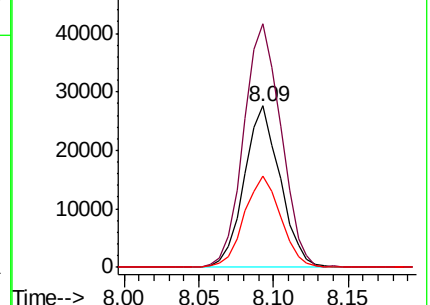
115 56.5 45.5 68.3



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: 114.443 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

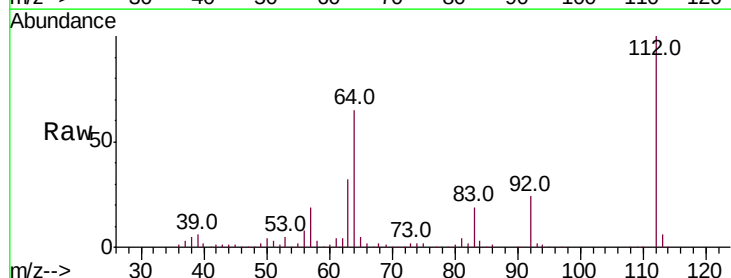
Tgt Ion:112 Resp: 313137

Ion Ratio Lower Upper

112 100

64 65.4 53.1 79.7

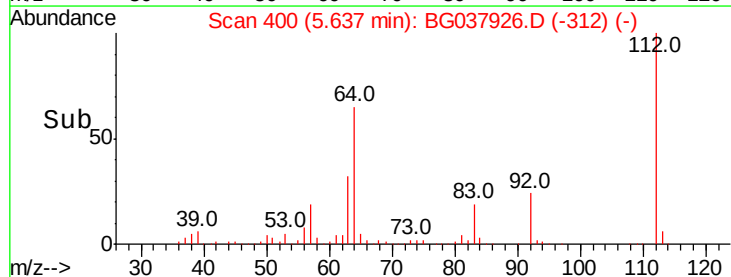
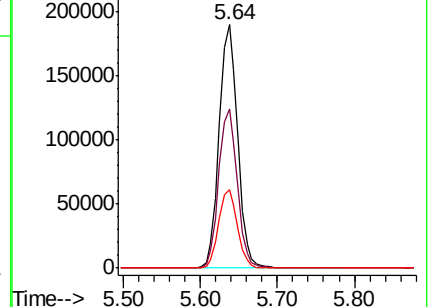
63 32.5 27.3 40.9

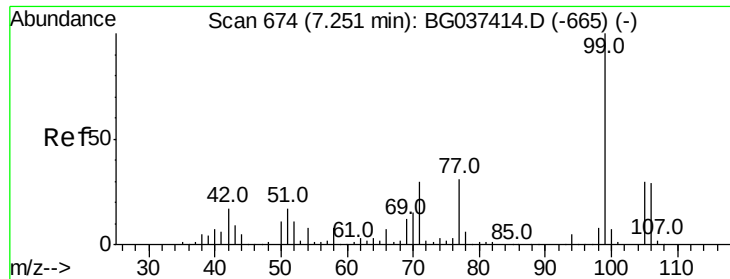


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 110.594 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114695BL

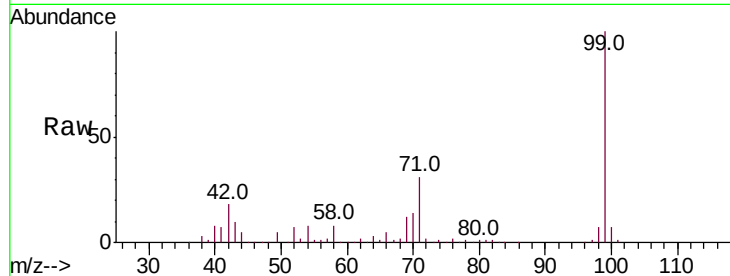
Tot Ion: 99 Resp: 457576

Ion Ratio Lower Upper

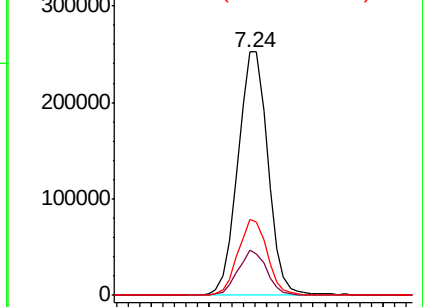
99 100

42 18.3 15.0 22.4

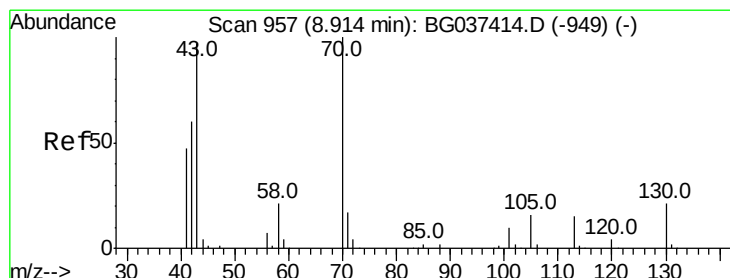
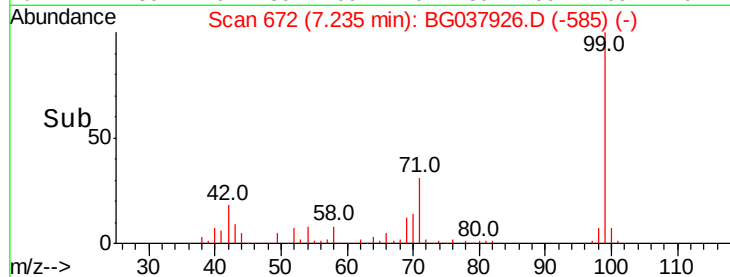
71 31.2 25.5 38.3



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



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 11.941 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

Tgt Ion: 70 Resp: 34021

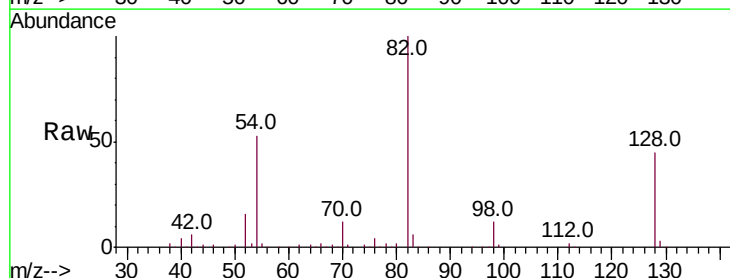
Ion Ratio Lower Upper

70 100

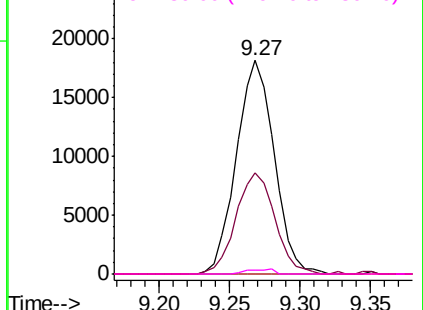
42 47.1 53.9 80.9#

101 0.0 8.2 12.2#

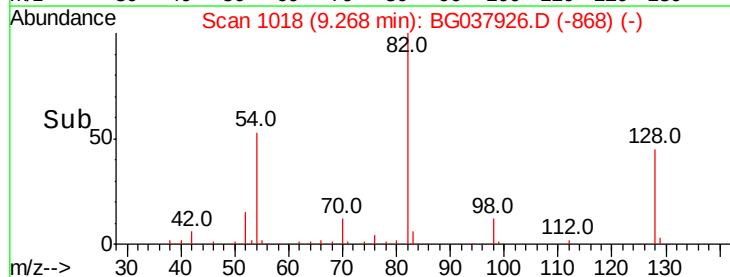
130 1.8 18.2 27.4#

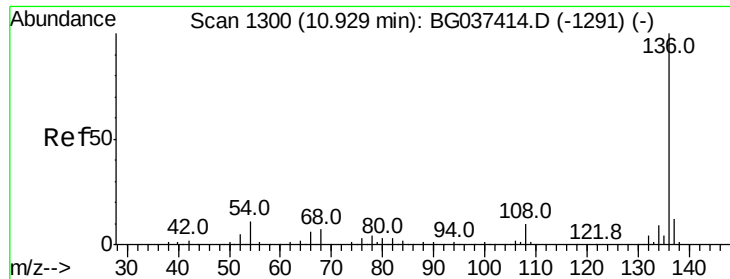


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



Time-->

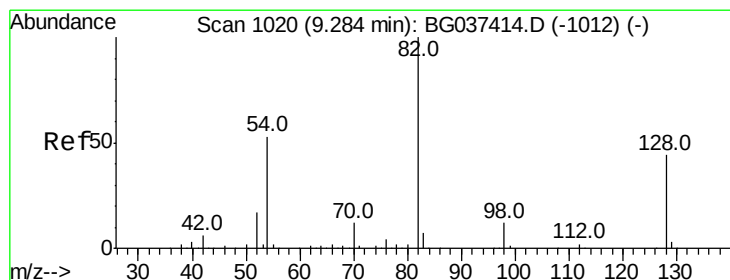
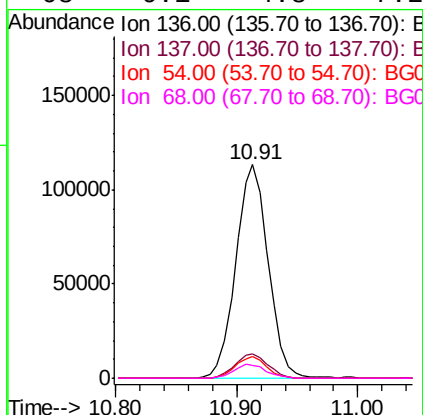
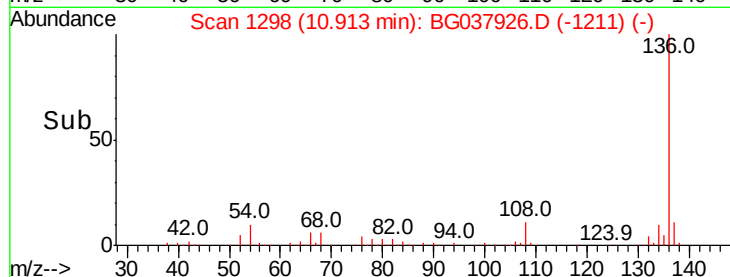
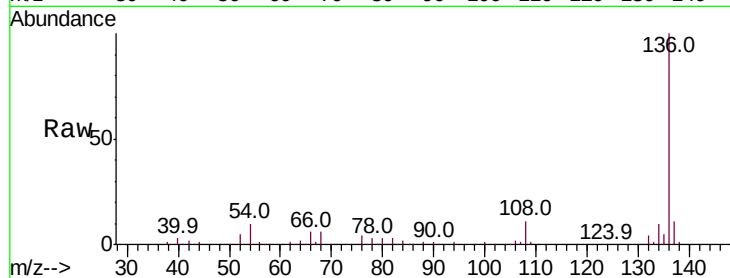




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037926.D
Acq: 9 Nov 2018 18:39

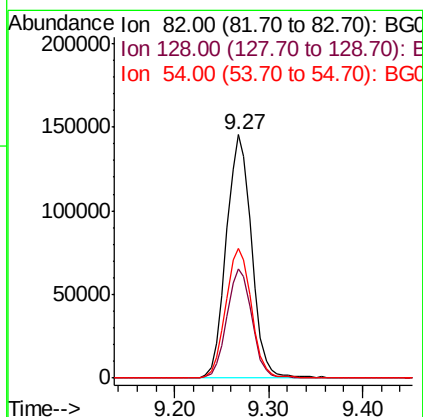
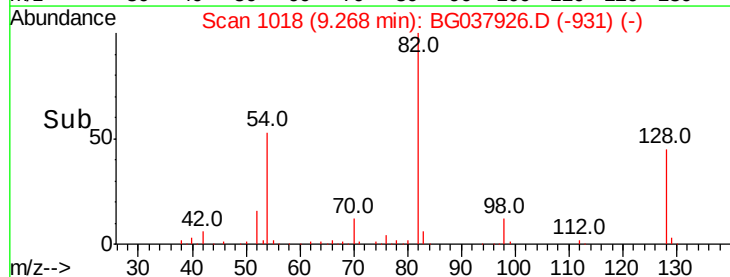
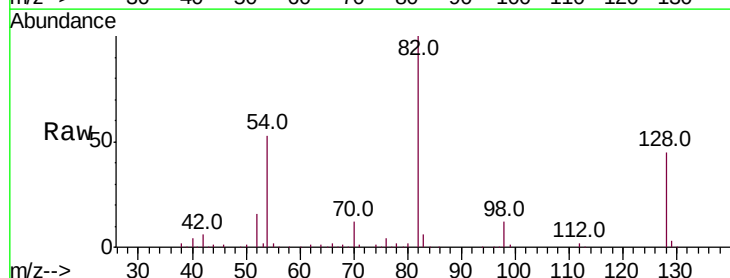
Instrument :
BNA_G
ClientSampleId :
PB114695BL

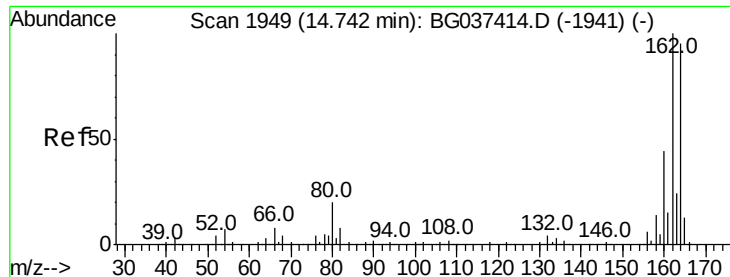
Tot Ion:	136	Resp:	210931
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.4	7.9	11.9
68	6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 72.306 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037926.D
Acq: 9 Nov 2018 18:39

Tgt Ion:	82	Resp:	272256
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	53.5	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114695BL

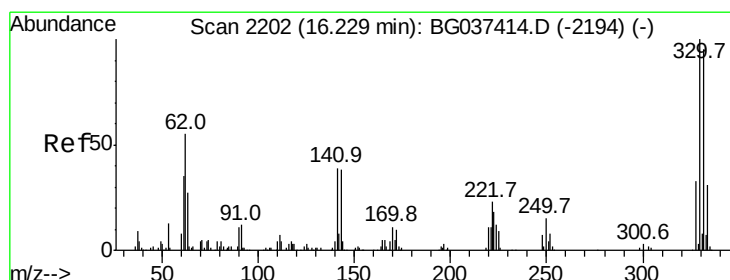
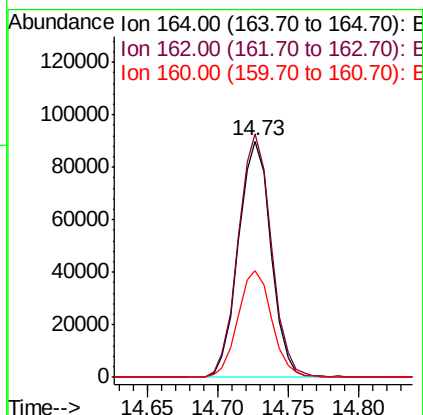
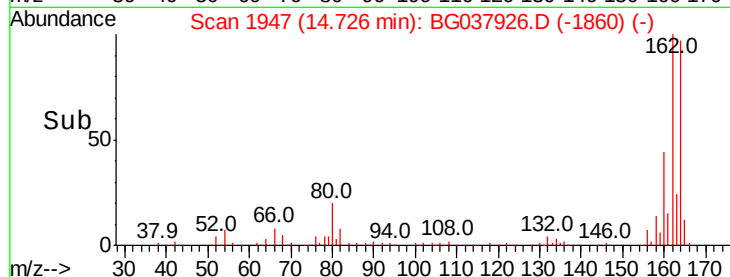
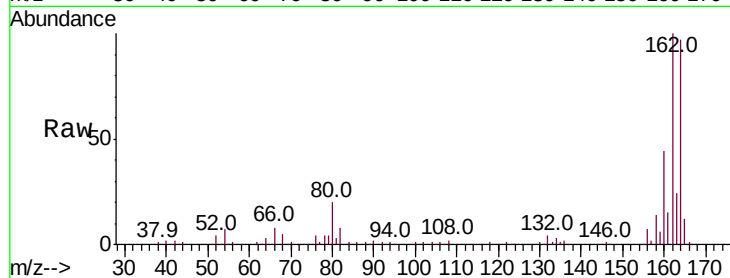
Tot Ion:164 Resp: 144929

Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

160 45.0 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 103.098 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

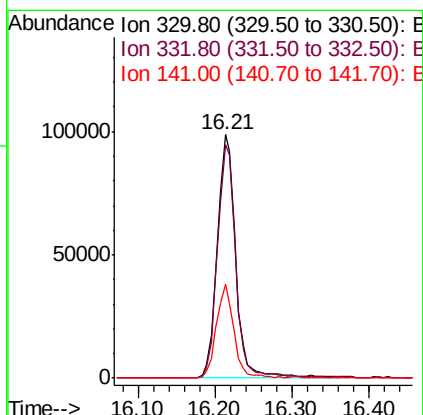
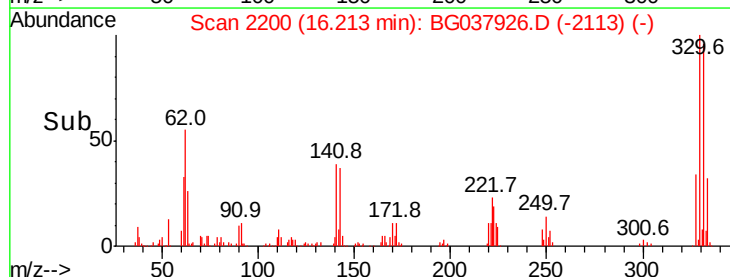
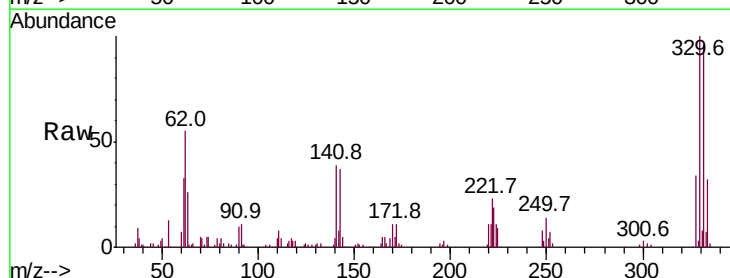
Tgt Ion:330 Resp: 162969

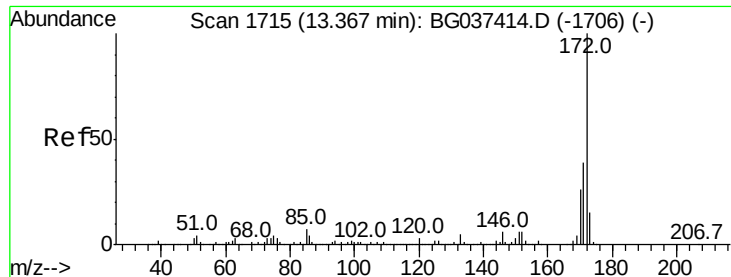
Ion Ratio Lower Upper

330 100

332 95.6 78.4 117.6

141 36.6 32.2 48.2

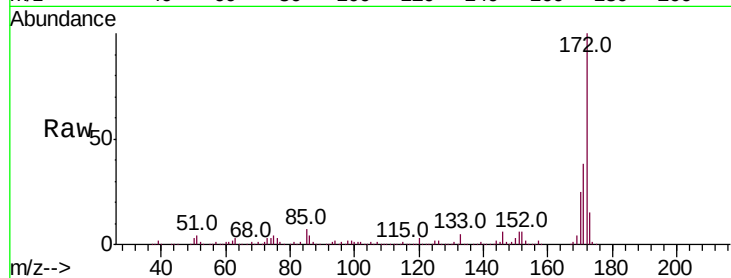




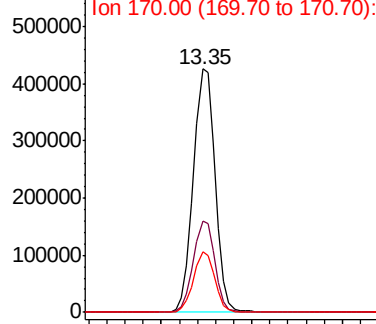
#45
2-Fluorobiphenyl
Concen: 74.119 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037926.D
Acq: 9 Nov 2018 18:39

Instrument :
BNA_G
ClientSampled :
PB114695BL

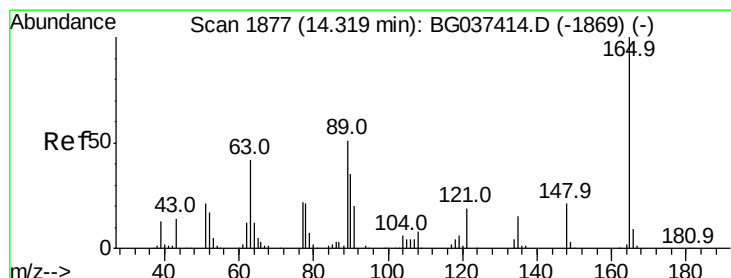
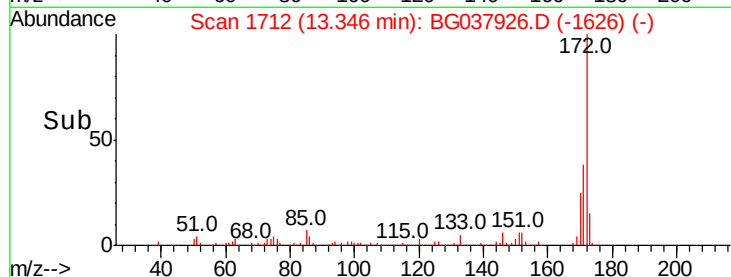
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	24.7	20.2	30.2



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



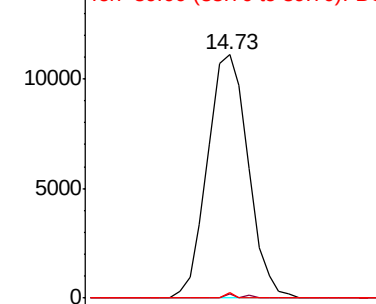
Time-->



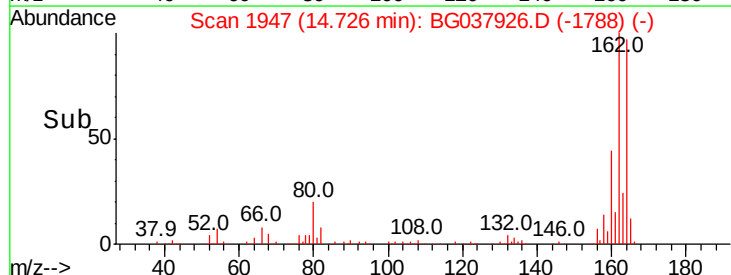
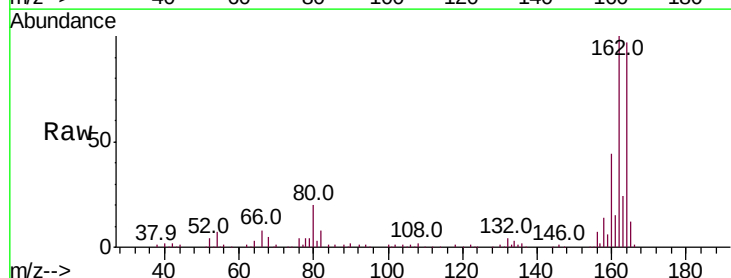
#51
2,6-Dinitrotoluene
Concen: 7.524 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037926.D
Acq: 9 Nov 2018 18:39

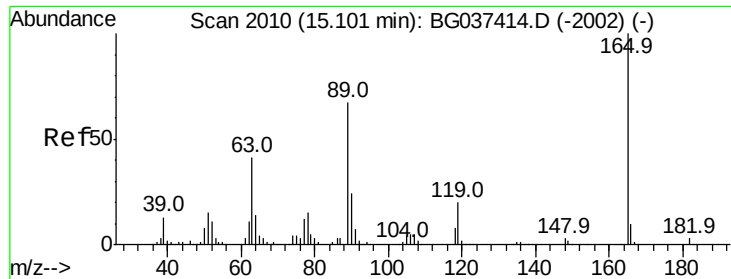
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.2#
89	2.1	45.8	68.6#

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



Time-->

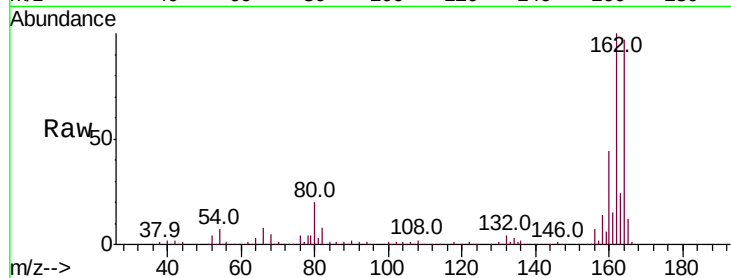




#57
 2,4-Dinitrotoluene
 Concen: 5.732 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037926.D
 Acq: 9 Nov 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114695BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.4	50.0#
89	2.1	57.2	85.8#
182	0.0	2.6	4.0#

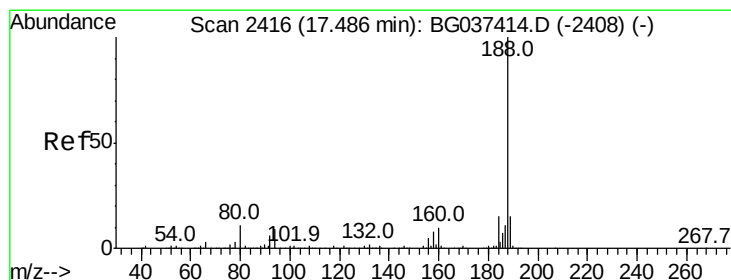
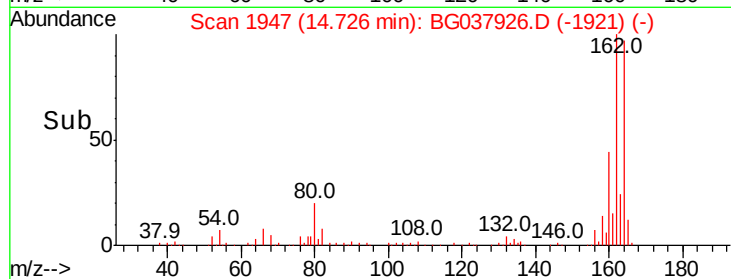
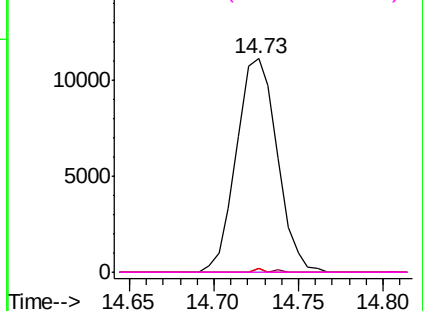


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

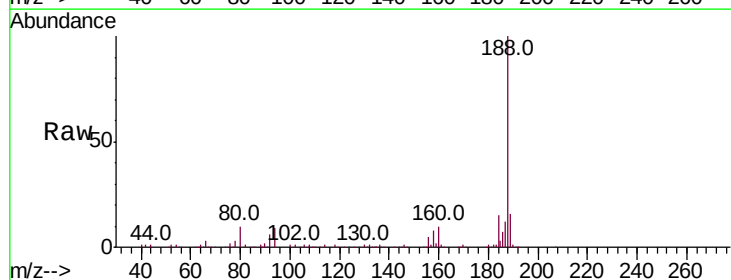
Ion 89.00 (88.70 to 89.70): BGC

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. -0.02 min
 Lab File: BG037926.D
 Acq: 9 Nov 2018 18:39

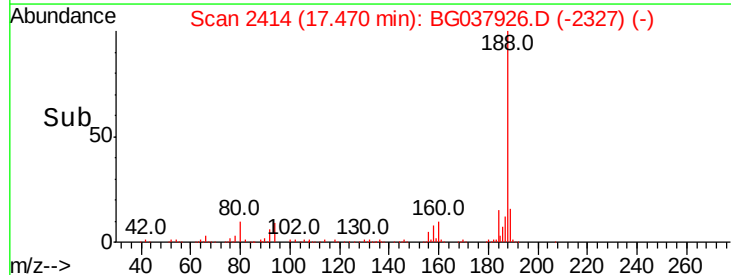
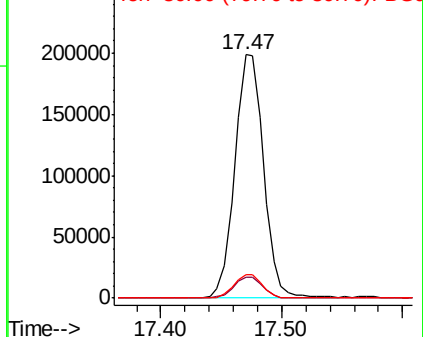
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.9	7.7	11.5

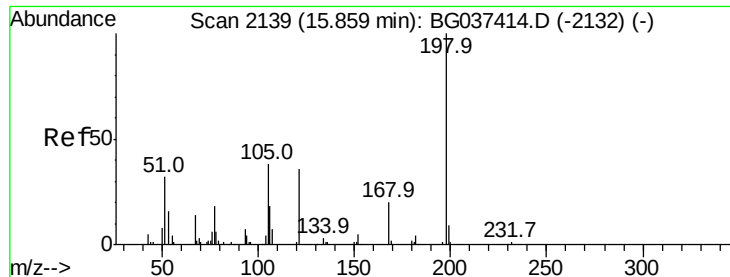


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.662 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.35 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114695BL

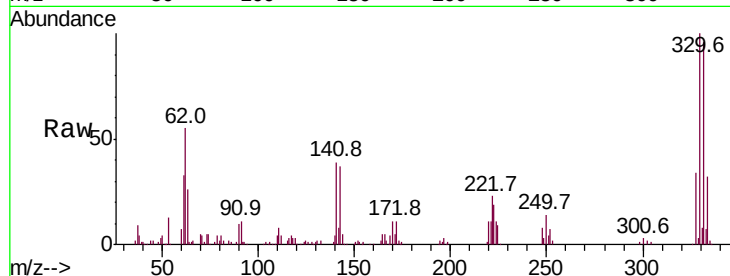
Tot Ion:198 Resp: 326

Ion Ratio Lower Upper

198 100

51 29.3 22.7 62.7

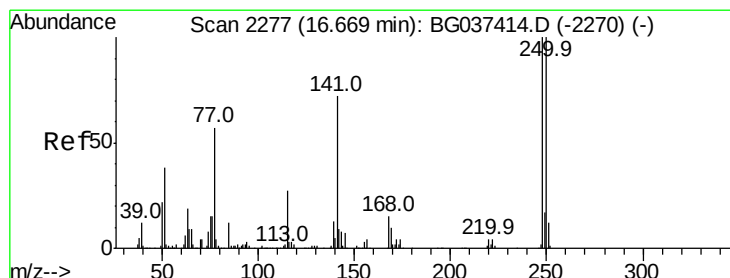
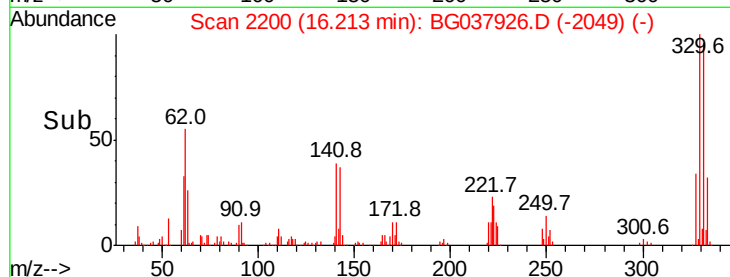
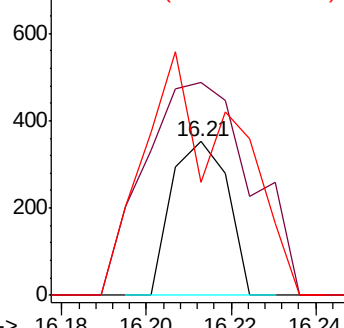
105 15.6 19.7 59.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.240 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.46 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

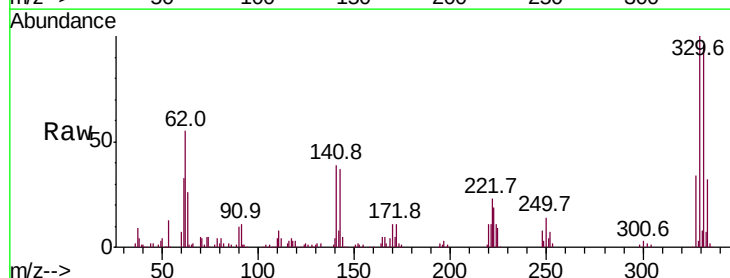
Tgt Ion:248 Resp: 11748

Ion Ratio Lower Upper

248 100

250 173.1 77.0 115.6#

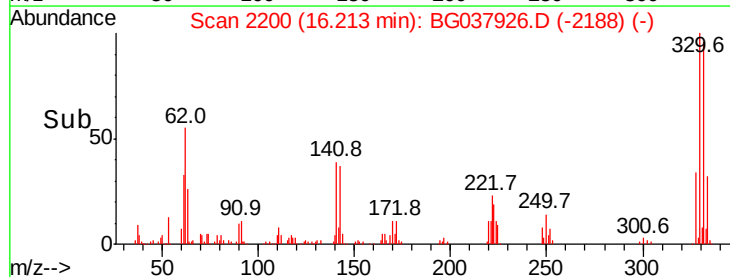
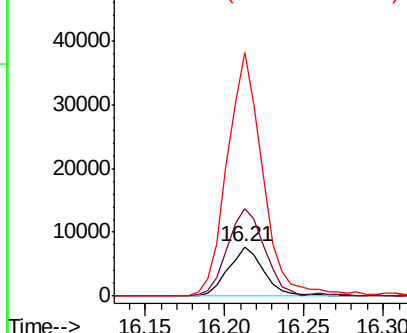
141 372.5 55.5 83.3#

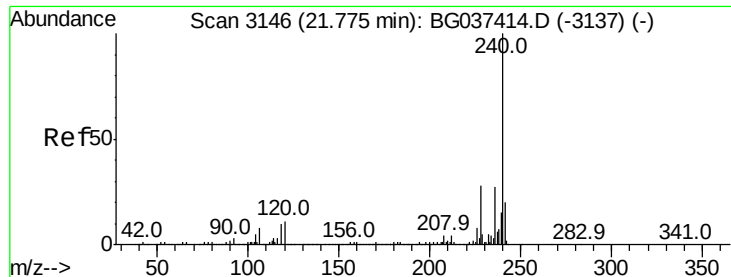


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3144

Delta R.T. -0.02 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114695BL

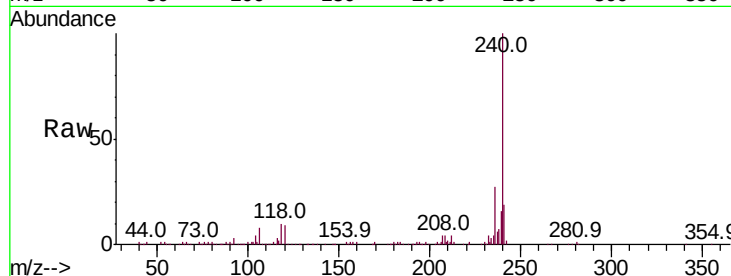
Tot Ion:240 Resp: 298664

Ion Ratio Lower Upper

240 100

120 9.3 8.1 12.1

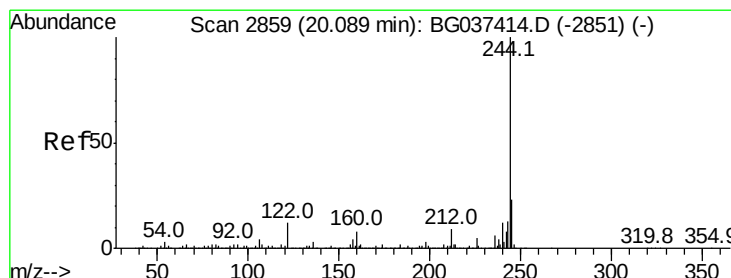
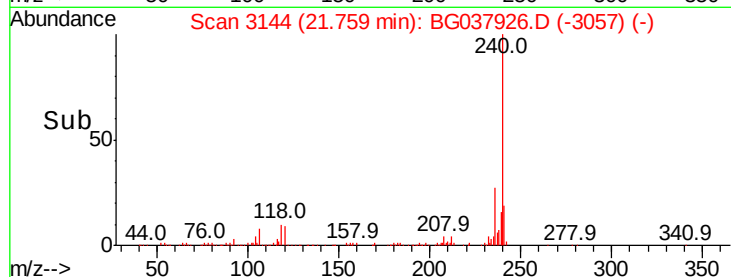
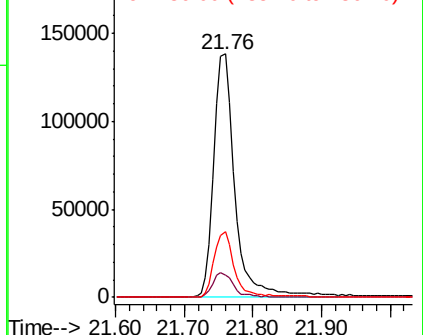
236 26.8 21.4 32.0



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: 75.293 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037926.D

Acq: 9 Nov 2018 18:39

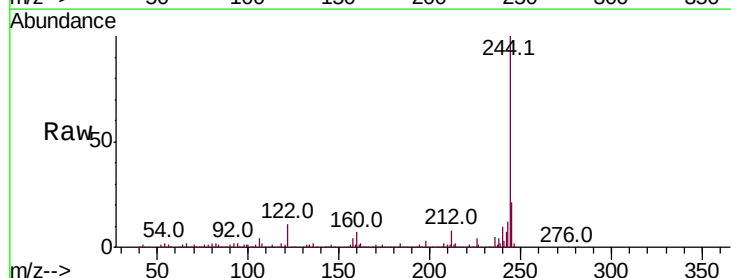
Tgt Ion:244 Resp: 1052406

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

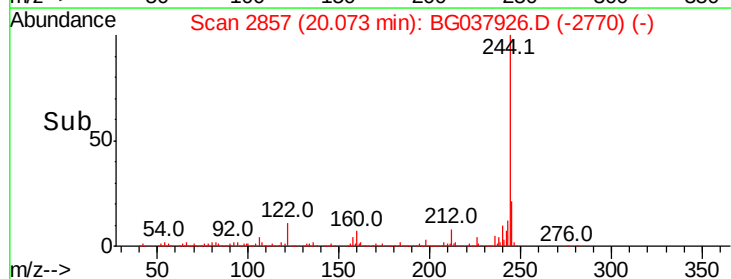
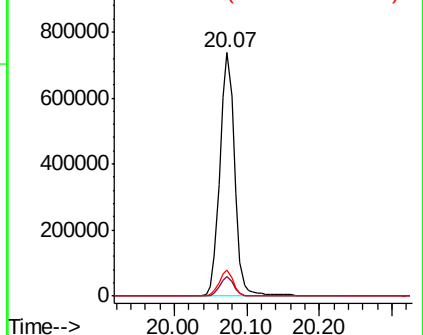
122 10.7 9.0 13.4

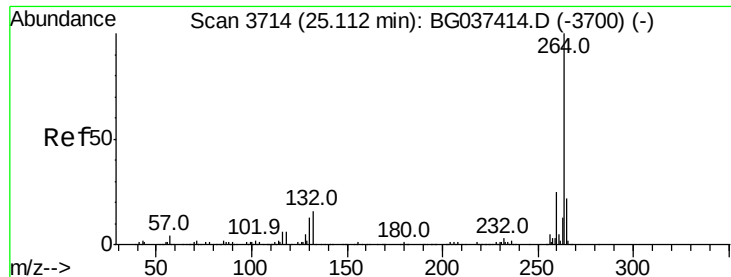


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.08 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037926.D
Acq: 9 Nov 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB114695BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	20.9	17.9	26.9

