

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037629.D
 Acq On : 29 Oct 2018 19:09
 Operator : JU/SJ
 Sample : J5691-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7

Quant Time: Oct 30 04:43:36 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

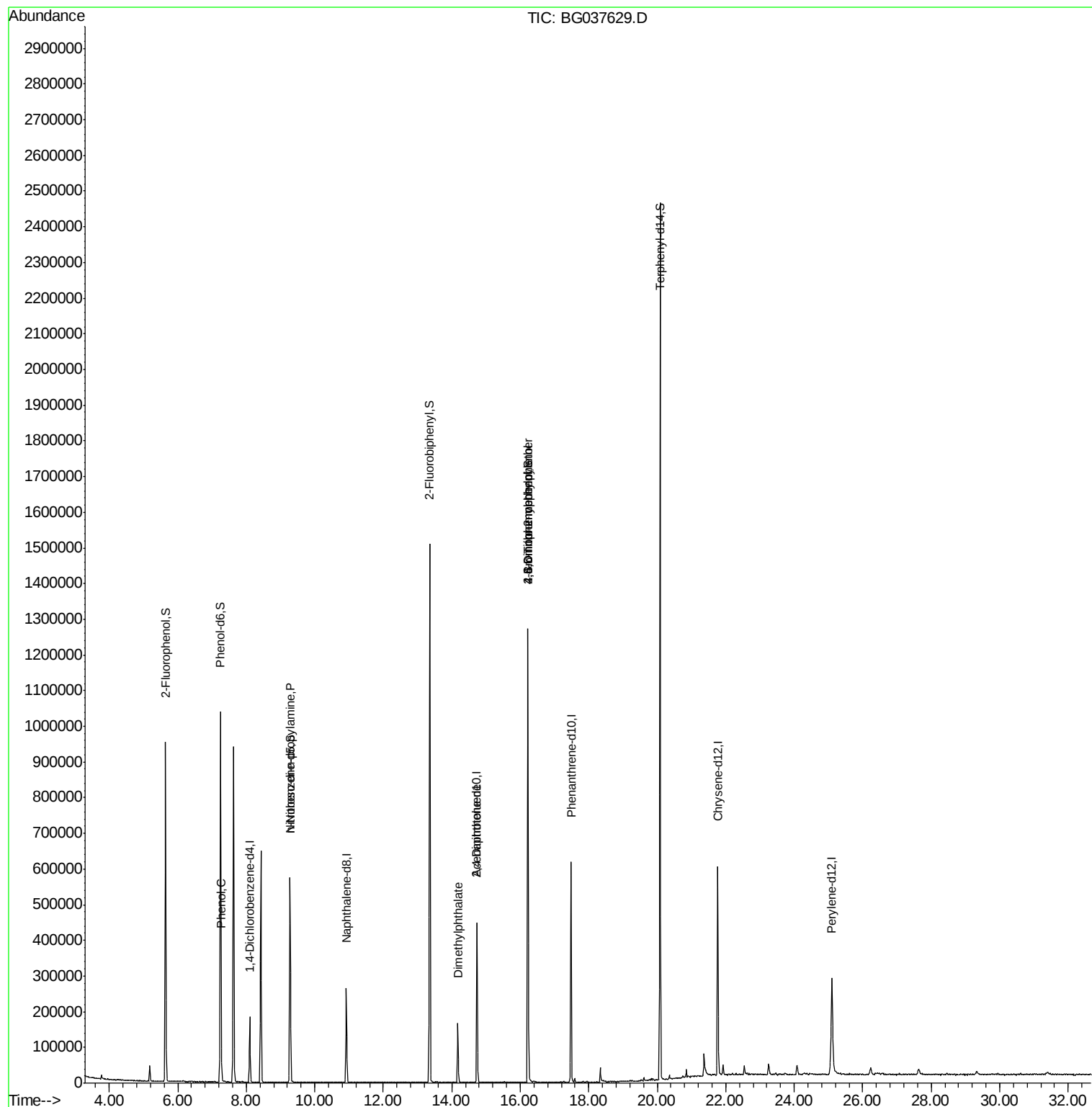
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55415	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	243315	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	166095	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	394220	20.00	ng	0.00
76) Chrysene-d12	21.77	240	363623	20.00	ng	0.00
87) Perylene-d12	25.10	264	350713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	441514	133.20	ng	0.00
7) Phenol-d6	7.25	99	646580	129.00	ng	0.00
23) Nitrobenzene-d5	9.27	82	374780	86.29	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	234840	129.63	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	837008	75.99	ng	0.00
79) Terphenyl-d14	20.08	244	1209754	71.09	ng	0.00
Target Compounds						
10) Phenol	7.27	94	37769	7.142	ng	94
19) n-Nitroso-di-n-propylamine	9.28	70	47356	13.721	ng	# 67
50) Dimethylphthalate	14.18	163	124376	9.680	ng	98
57) 2,4-Dinitrotoluene	14.73	165	20556	5.509	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.22	198	853	8.847	ng	95
67) 4-Bromophenyl-phenylether	16.22	248	16789	3.878	ng	# 1

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

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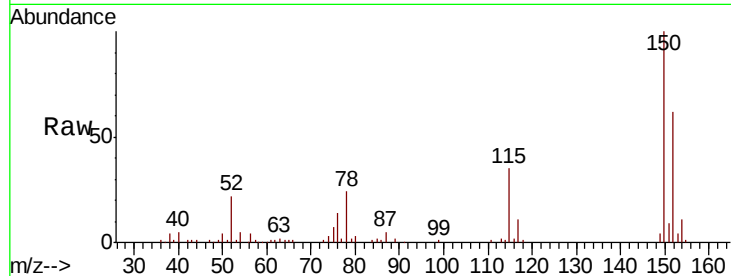


#1

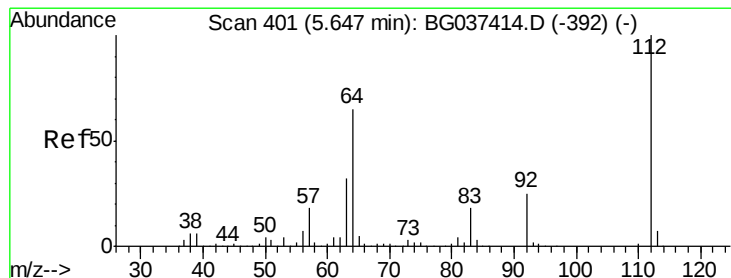
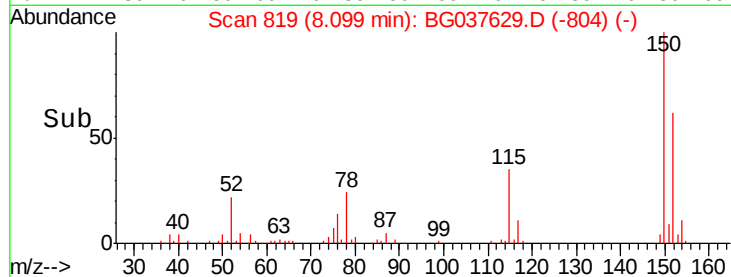
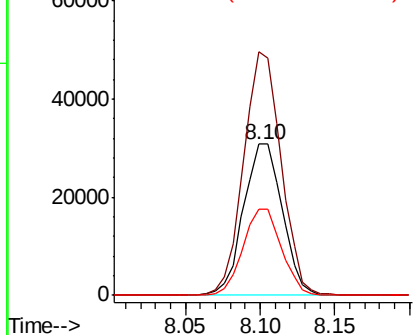
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Instrument :
BNA_G
ClientSampleId :
SB-7

Tot Ion:152 Resp: 55415
Ion Ratio Lower Upper
152 100
150 160.9 126.0 189.0
115 57.1 45.5 68.3



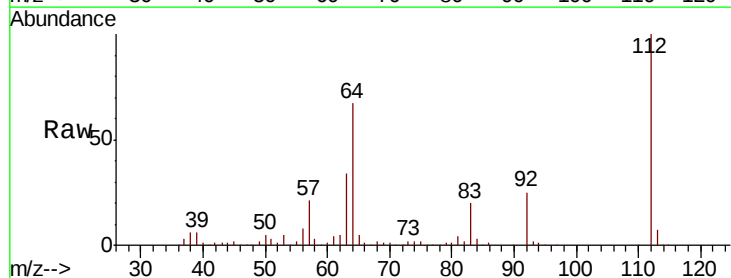
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



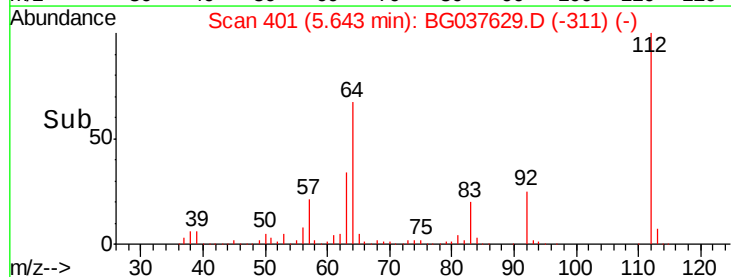
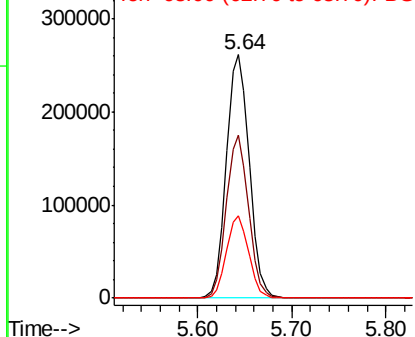
#5

2-Fluorophenol
Concen: 133.203 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Tgt Ion:112 Resp: 441514
Ion Ratio Lower Upper
112 100
64 67.1 53.1 79.7
63 33.9 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: 129.005 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Instrument :

BNA_G

ClientSampleId :

SB-7

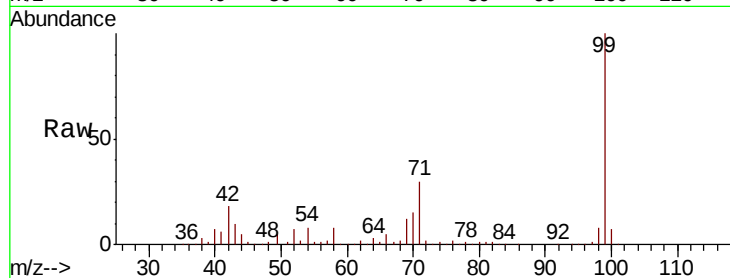
Tot Ion: 99 Resp: 646580

Ion Ratio Lower Upper

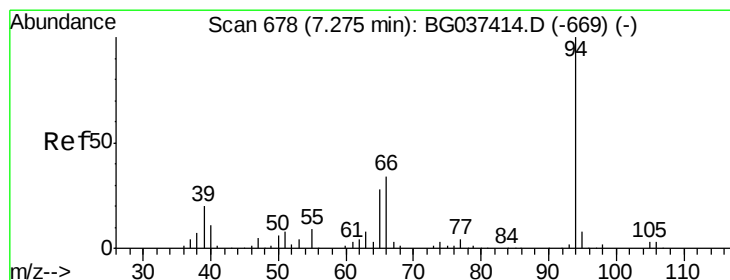
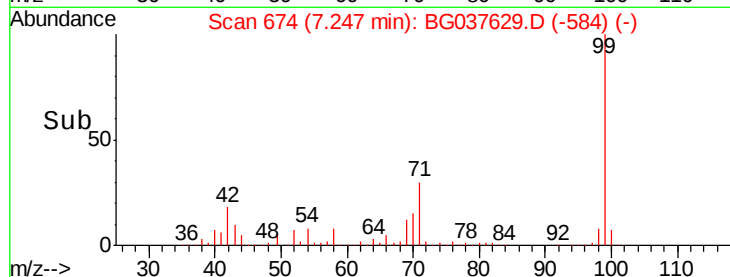
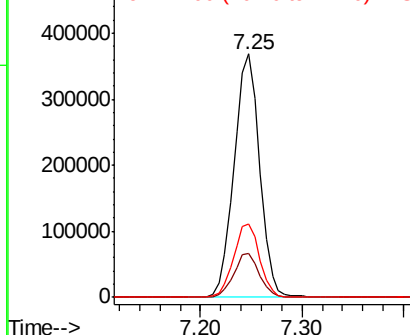
99 100

42 18.1 15.0 22.4

71 30.3 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



#10

Phenol

Concen: 7.142 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

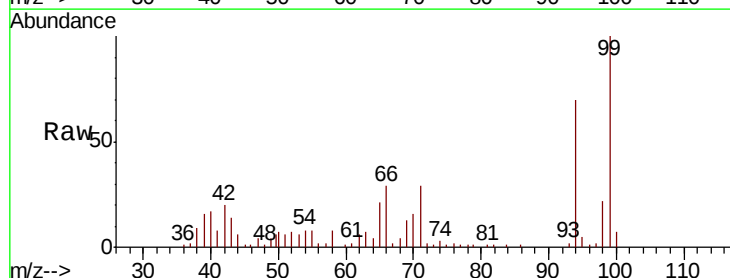
Tgt Ion: 94 Resp: 37769

Ion Ratio Lower Upper

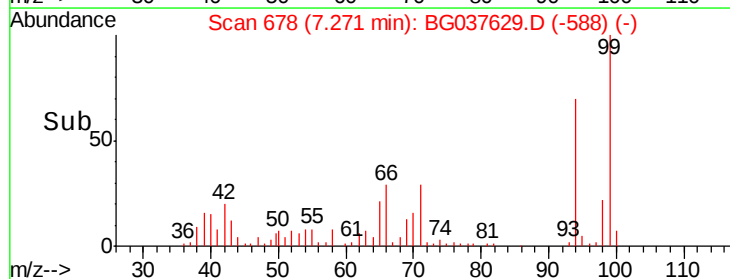
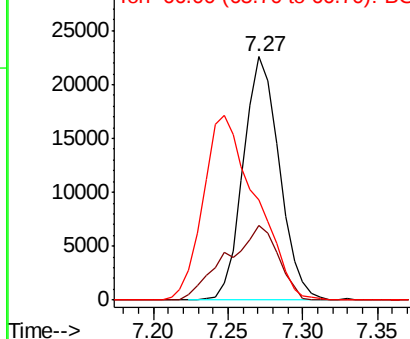
94 100

65 30.4 9.7 49.7

66 41.3 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 13.721 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Instrument :

BNA_G

ClientSampleId :

SB-7

Tot Ion: 70 Resp: 47356

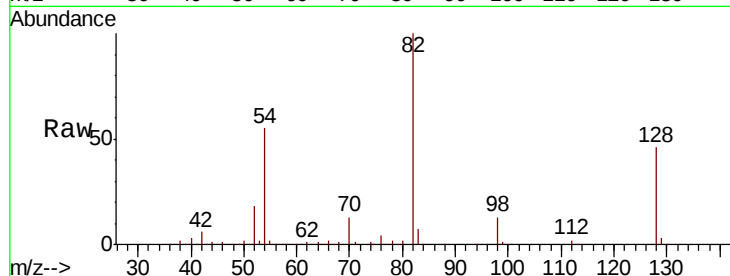
Ion Ratio Lower Upper

70 100

42 42.6 53.9 80.9#

101 0.0 8.2 12.2#

130 2.6 18.2 27.4#

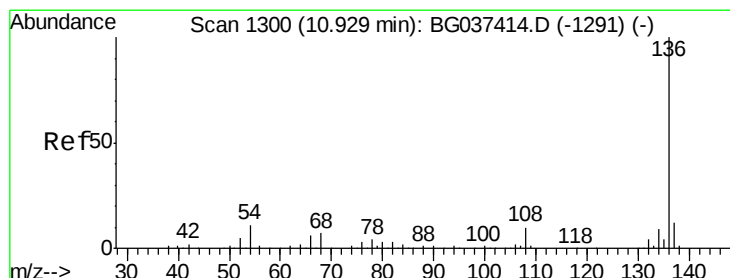
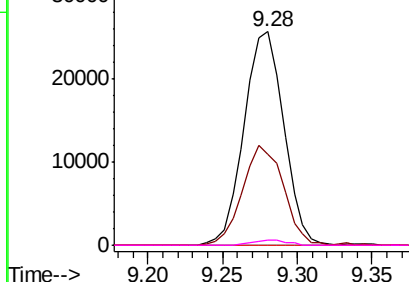
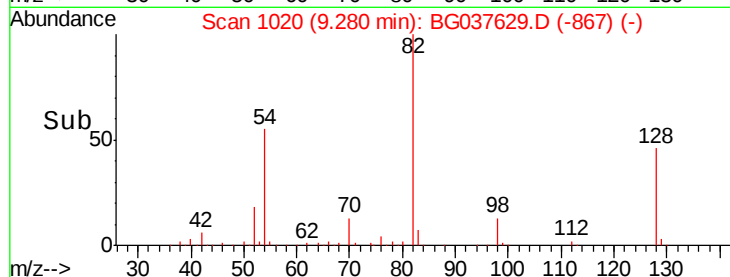


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Tgt Ion: 136 Resp: 243315

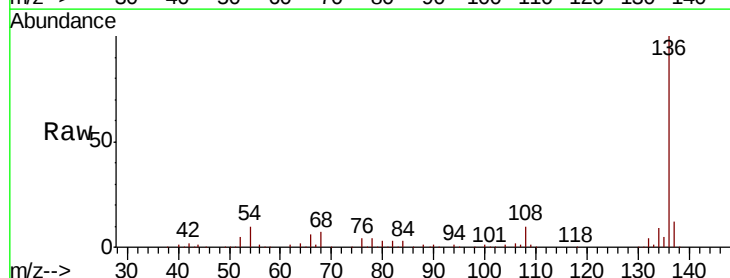
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 9.9 7.9 11.9

68 6.8 4.8 7.2

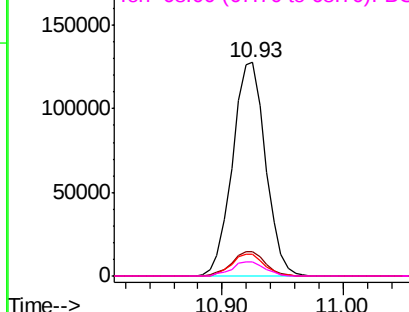
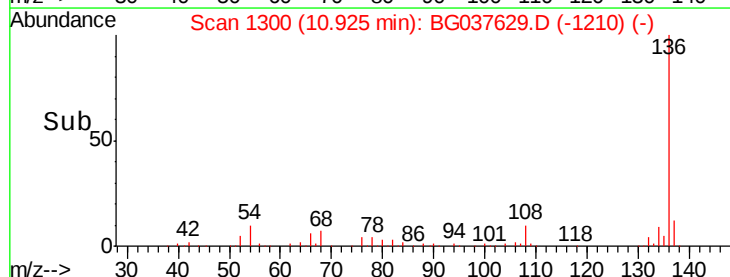


Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

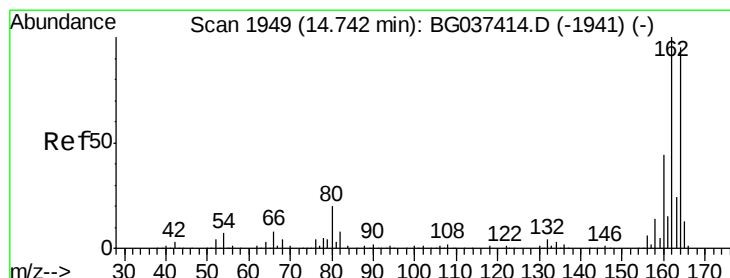
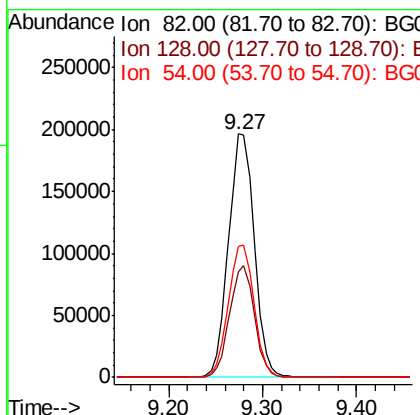
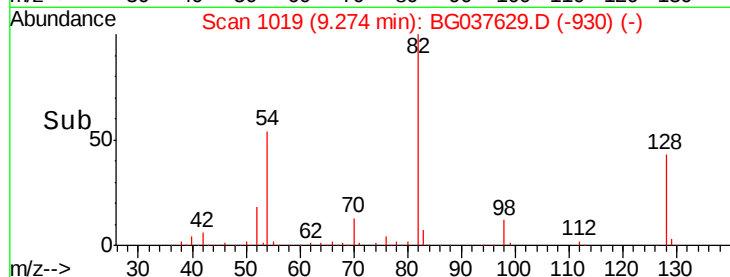
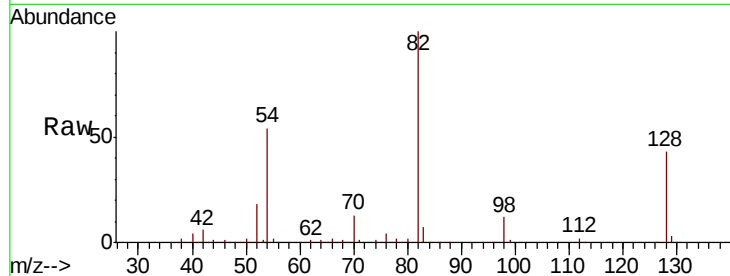




#23
 Nitrobenzene-d5
 Concen: 86.286 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037629.D
 Acq: 29 Oct 2018 19:09

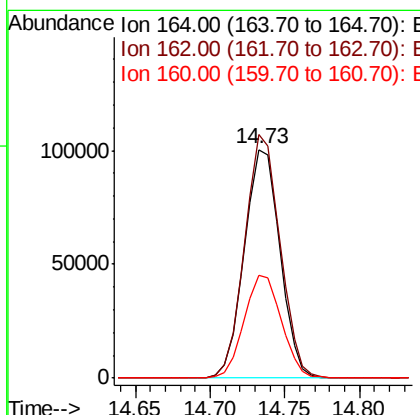
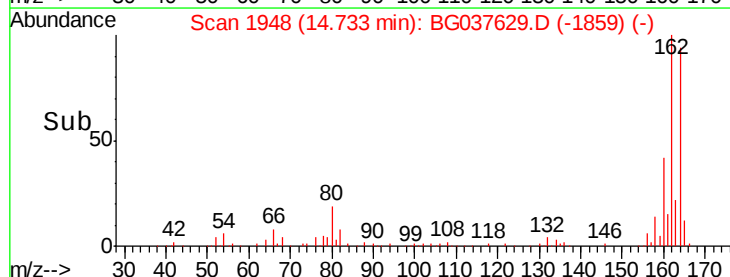
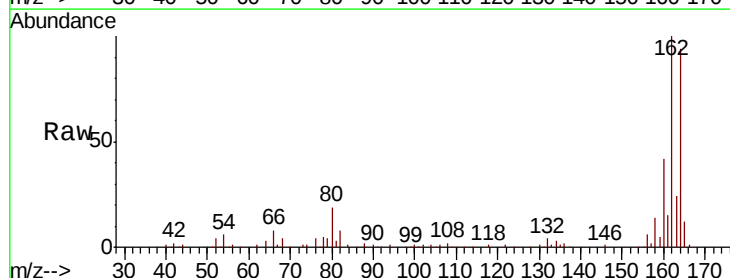
Instrument :
 BNA_G
 ClientSampled :
 SB-7

Tot Ion: 82 Resp: 374780
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.6 51.8
 54 53.8 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037629.D
 Acq: 29 Oct 2018 19:09

Tgt Ion: 164 Resp: 166095
 Ion Ratio Lower Upper
 164 100
 162 106.4 81.3 121.9
 160 45.2 36.3 54.5

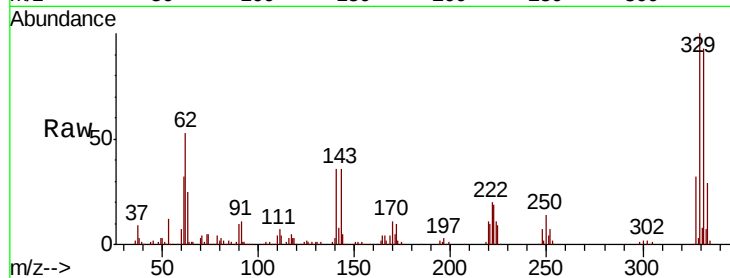




#42
 2,4,6-Tribromophenol
 Concen: 129.633 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037629.D
 Acq: 29 Oct 2018 19:09

Instrument :
 BNA_G
 ClientSampled :
 SB-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.4	117.6
141	39.1	32.2	48.2

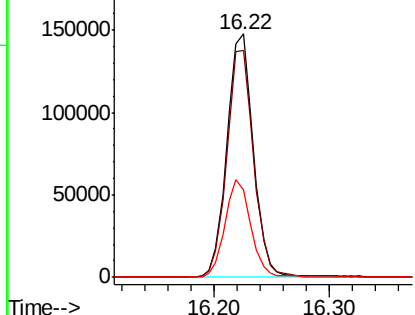
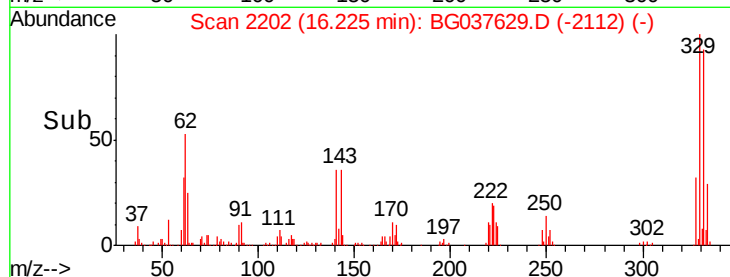


Abundance

Ion 329.80 (329.50 to 330.50): E

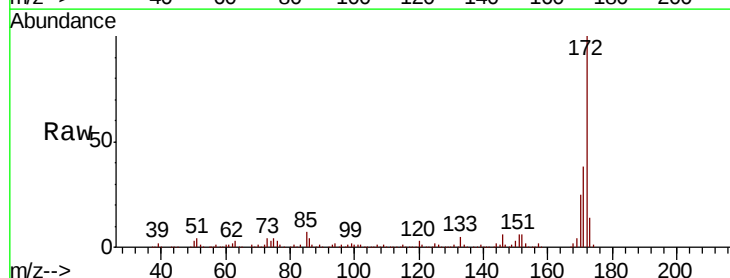
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.990 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037629.D
 Acq: 29 Oct 2018 19:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.0	20.2	30.2

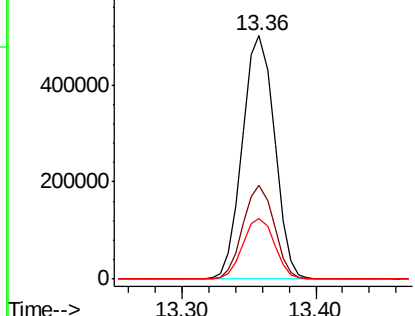
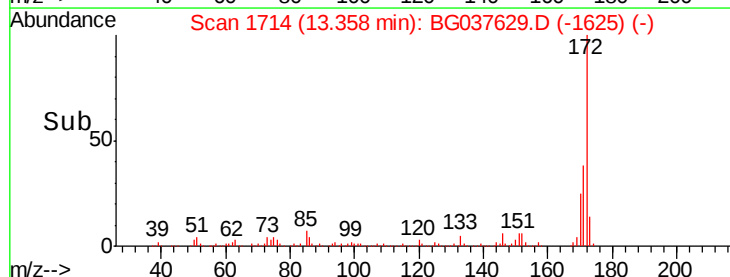


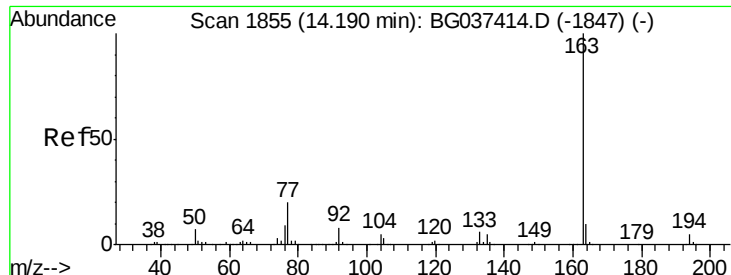
Abundance

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

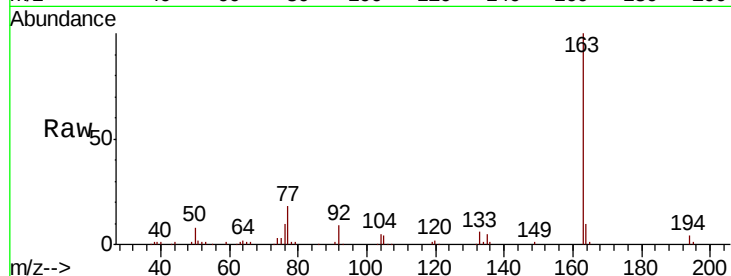




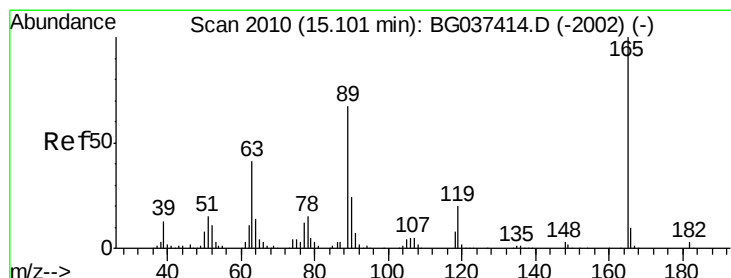
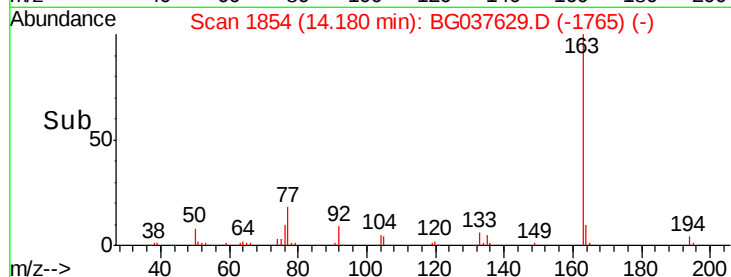
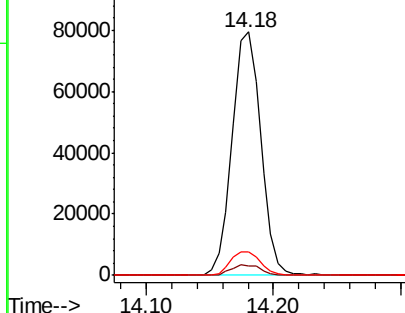
#50
Dimethylphthalate
Concen: 9.680 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Instrument :
BNA_G
ClientSampleId :
SB-7

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.6	8.5	12.7

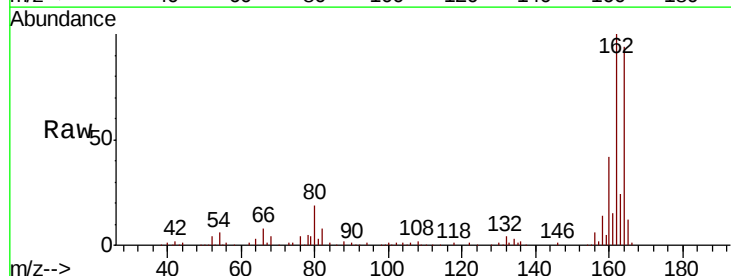


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

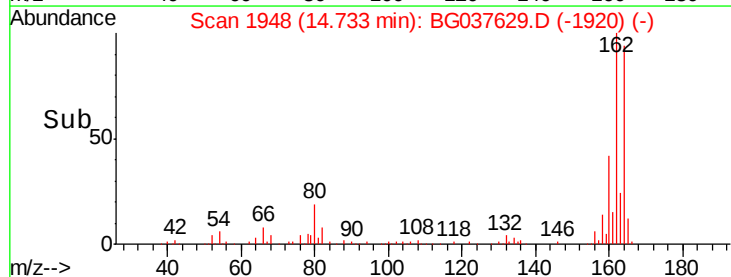
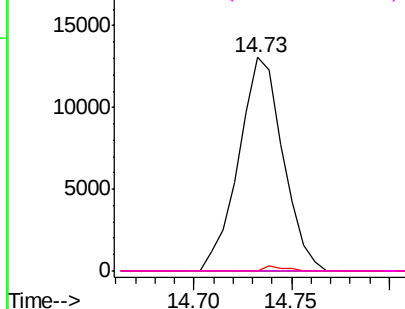


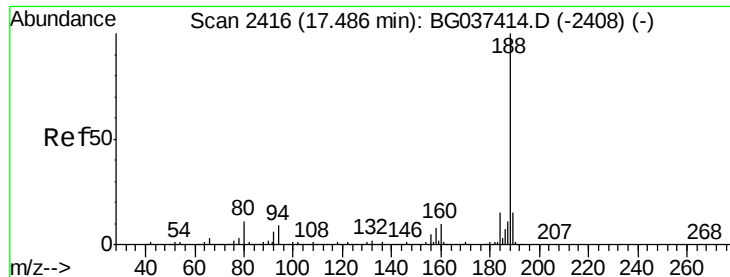
#57
2,4-Dinitrotoluene
Concen: 5.509 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037629.D
Acq: 29 Oct 2018 19:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	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: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Instrument :

BNA_G

ClientSampleId :

SB-7

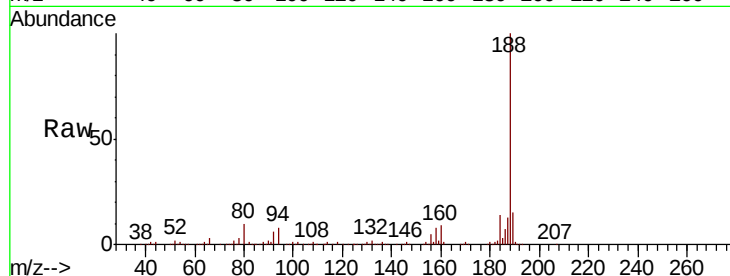
Tot Ion:188 Resp: 394220

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

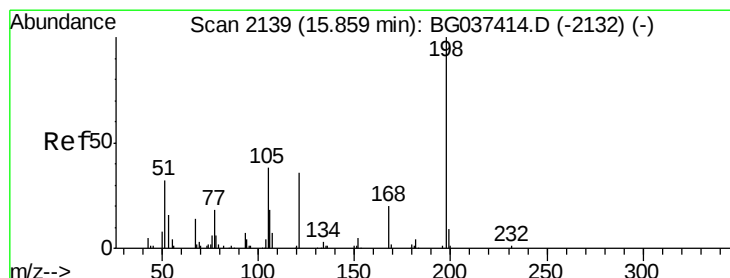
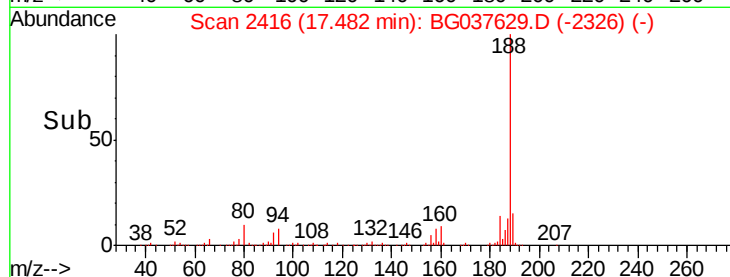
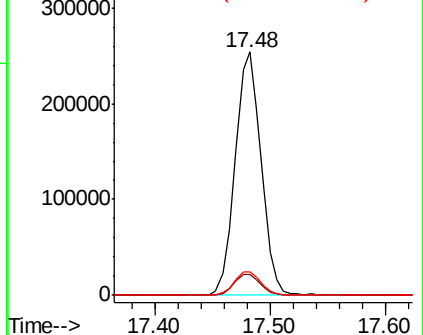
80 9.8 7.7 11.5



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: 8.847 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

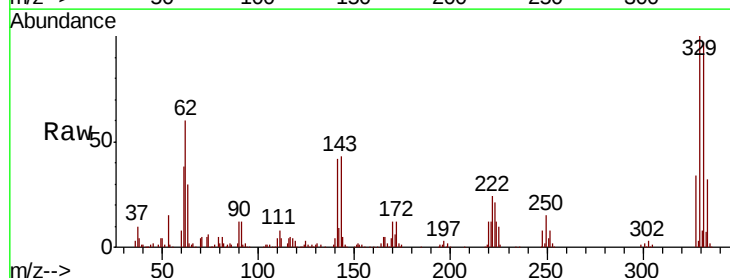
Tgt Ion:198 Resp: 853

Ion Ratio Lower Upper

198 100

51 38.8 22.7 62.7

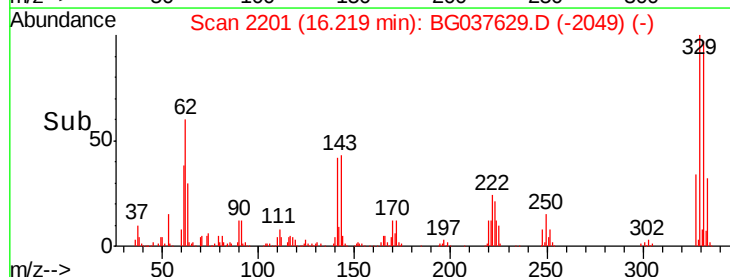
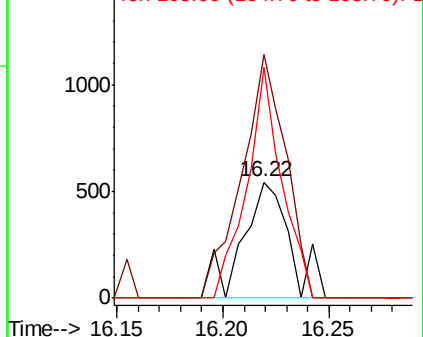
105 36.8 19.7 59.7

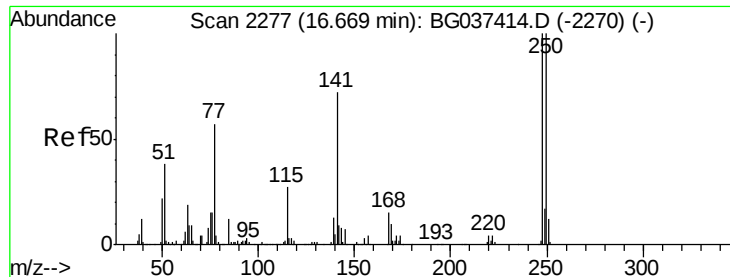


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 3.878 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Instrument :

BNA_G

ClientSampled :

SB-7

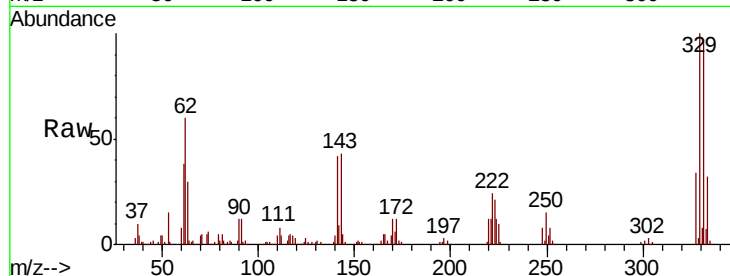
Tot Ion:248 Resp: 16789

Ion Ratio Lower Upper

248 100

250 201.9 77.0 115.6#

141 427.6 55.5 83.3#

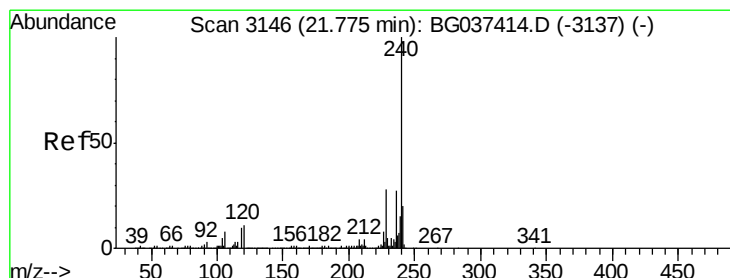
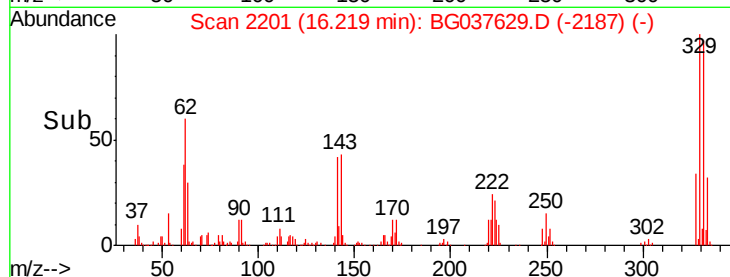
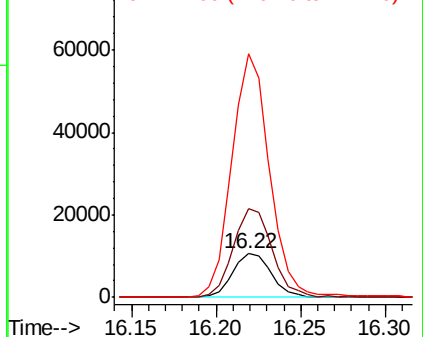


Abundance

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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

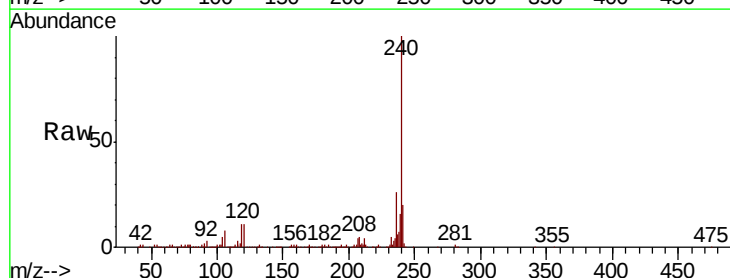
Tgt Ion:240 Resp: 363623

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

236 26.1 21.4 32.0

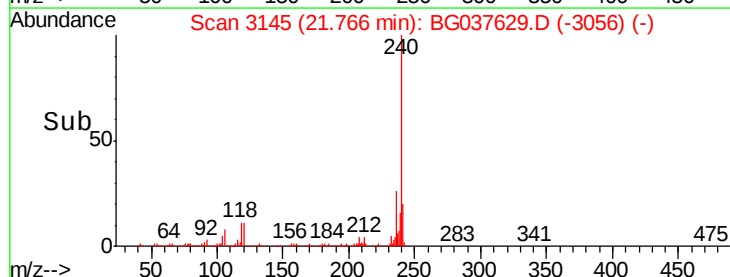
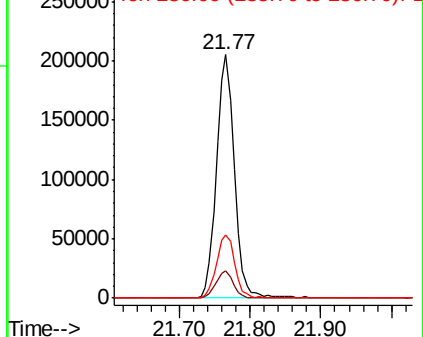


Abundance

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: 71.089 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

Instrument :

BNA_G

ClientSampleId :

SB-7

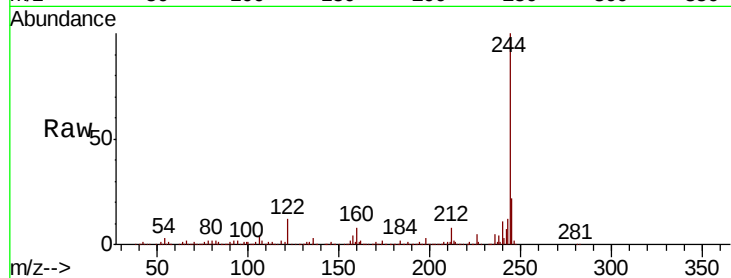
Tot Ion:244 Resp: 1209754

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

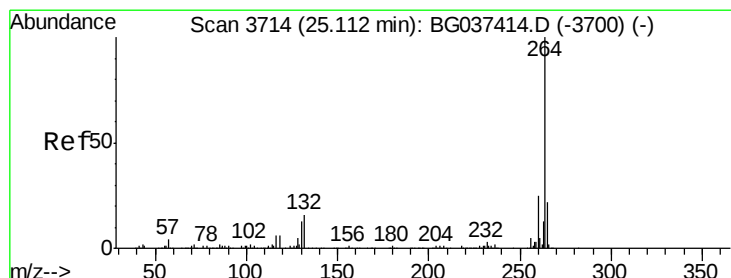
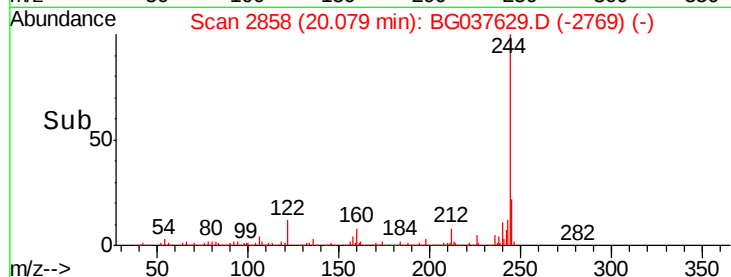
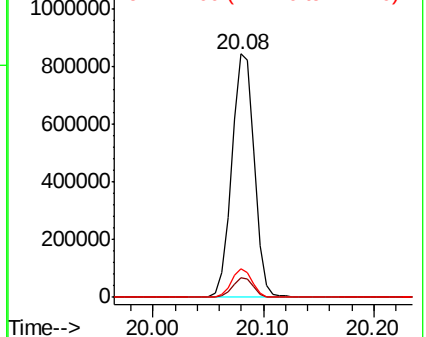
122 11.6 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037629.D

Acq: 29 Oct 2018 19:09

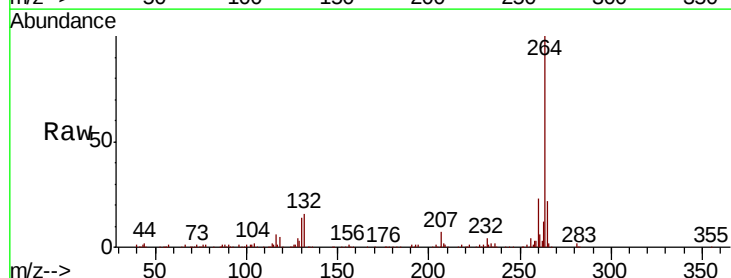
Tgt Ion:264 Resp: 350713

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.4

265 21.7 17.9 26.9



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

