

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102418\
 Data File : BG037536.D
 Acq On : 25 Oct 2018 7:52
 Operator : JU/SJ
 Sample : J5640-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 10:35:22 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

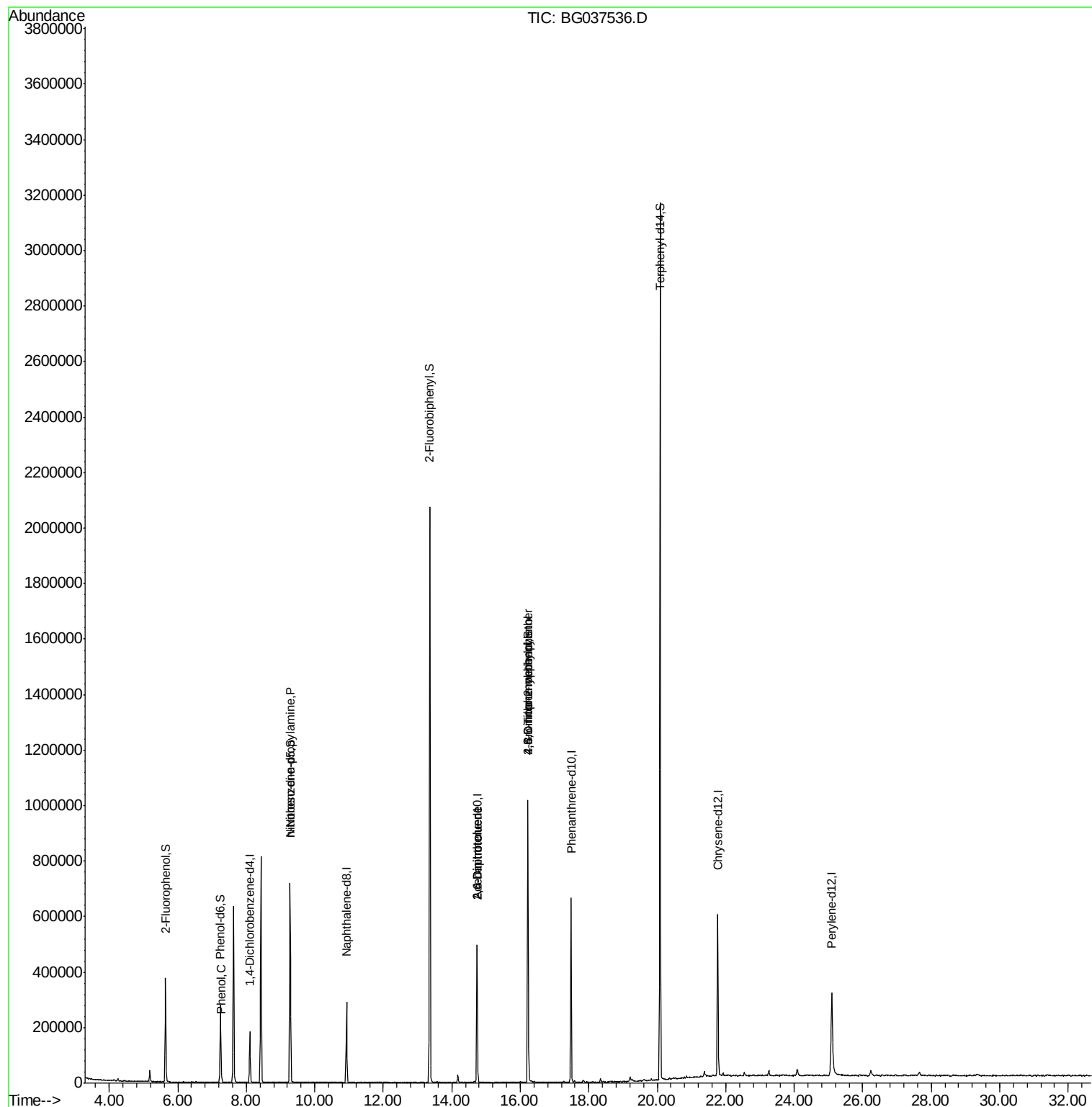
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	55632	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	259756	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	178501	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	425812	20.00	ng	0.00
76) Chrysene-d12	21.77	240	388610	20.00	ng	0.00
87) Perylene-d12	25.10	264	370875	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	173191	52.05	ng	0.00
7) Phenol-d6	7.24	99	176096	35.00	ng	0.00
23) Nitrobenzene-d5	9.28	82	452855	97.66	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	189390	97.28	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1129422	95.41	ng	0.00
79) Terphenyl-d14	20.08	244	1517273	83.43	ng	0.00
Target Compounds						
10) Phenol	7.27	94	23296	4.388	ng	92
19) n-Nitroso-di-n-propylamine	9.28	70	57401	16.566	ng	# 74
51) 2,6-Dinitrotoluene	14.73	165	23685	7.753	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	23685	5.906	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	482	8.685	ng	# 82
67) 4-Bromophenyl-phenylether	16.22	248	13865	2.965	ng	# 1

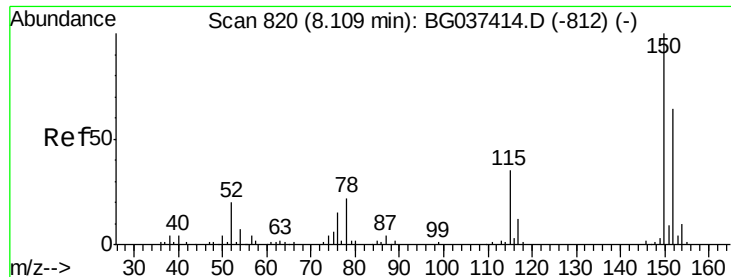
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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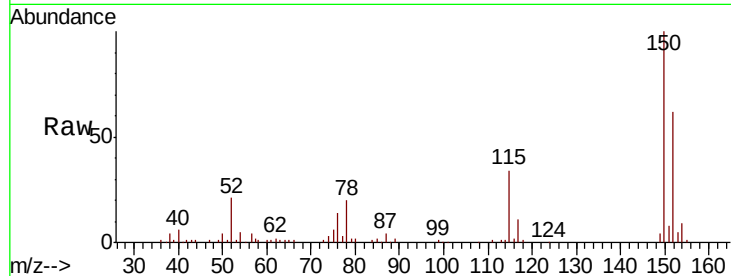


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037536.D
Acq: 25 Oct 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.0	189.0
115	54.6	45.5	68.3

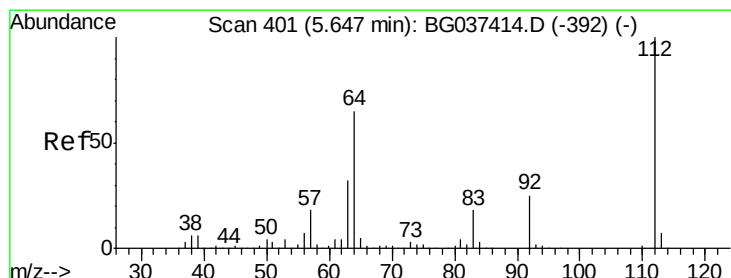
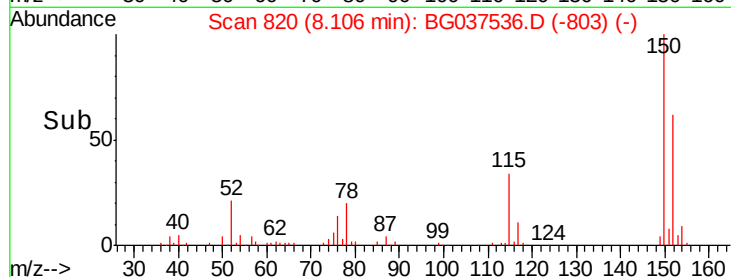
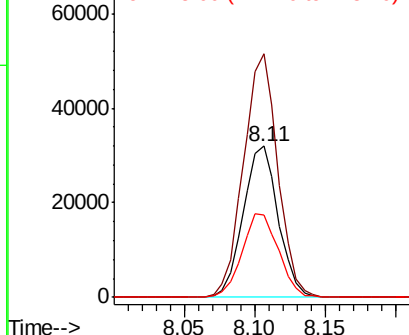


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

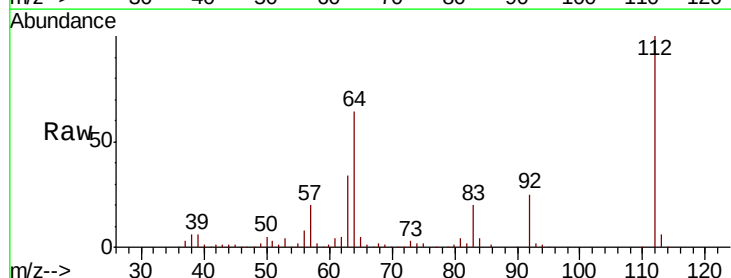
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.047 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037536.D
Acq: 25 Oct 2018 7:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.1	79.7
63	34.1	27.3	40.9

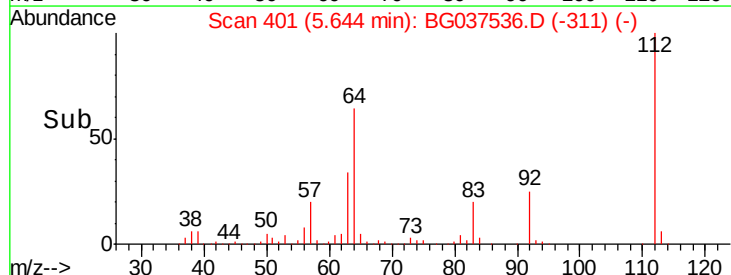
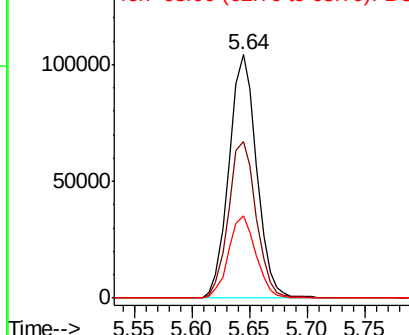


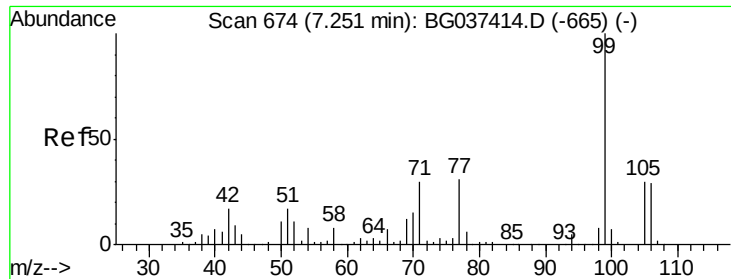
Abundance

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: 34.997 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037536.D

Acq: 25 Oct 2018 7:52

Instrument :

BNA_G

ClientSampleId :

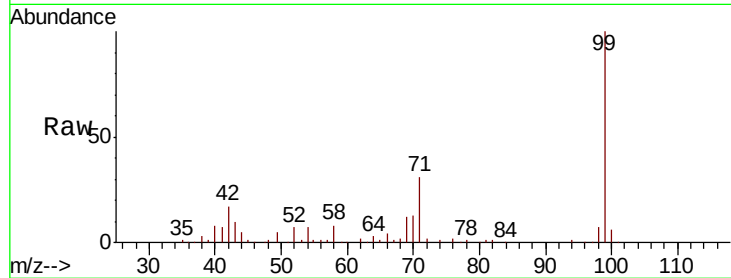
Tot Ion: 99 Resp: 176096

Ion Ratio Lower Upper

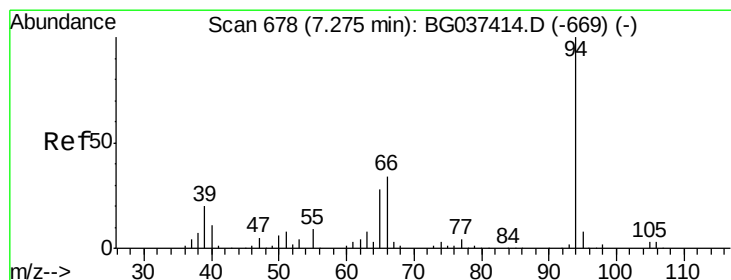
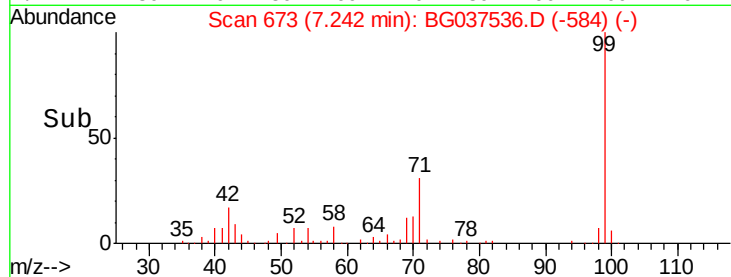
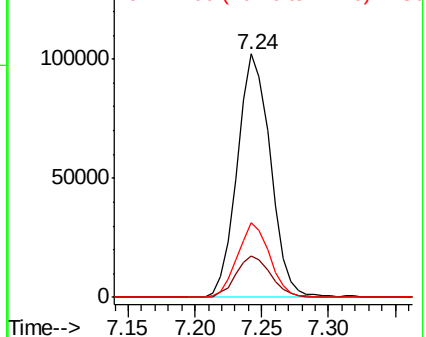
99 100

42 17.2 15.0 22.4

71 30.8 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: 4.388 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037536.D

Acq: 25 Oct 2018 7:52

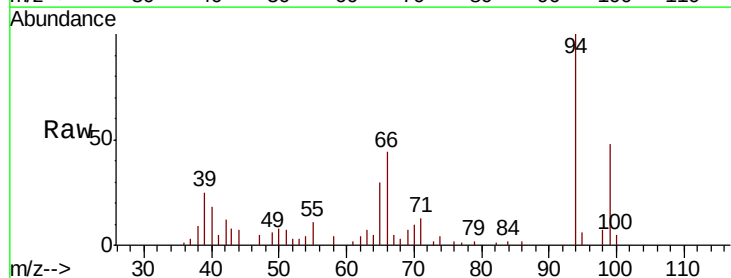
Tgt Ion: 94 Resp: 23296

Ion Ratio Lower Upper

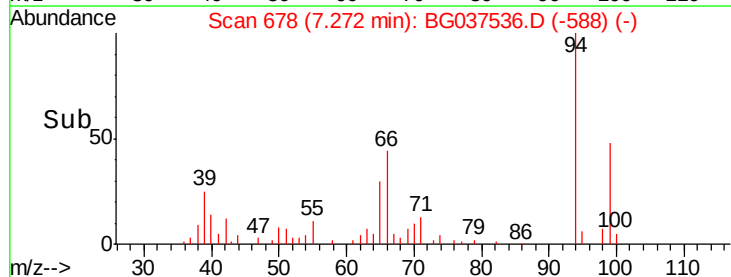
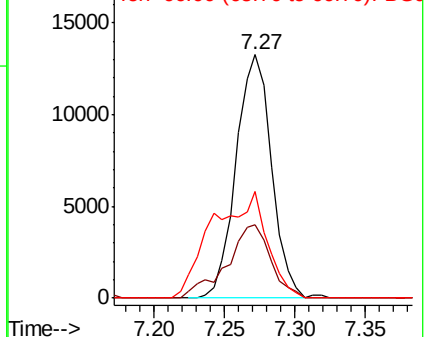
94 100

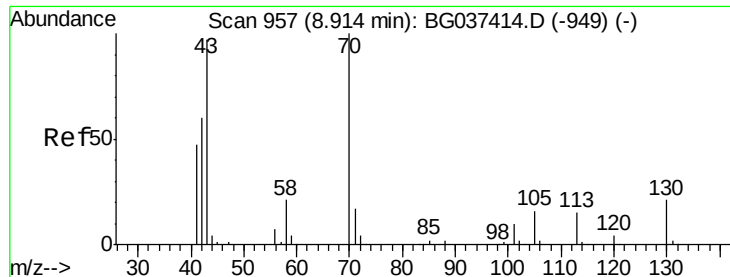
65 30.1 9.7 49.7

66 43.9 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

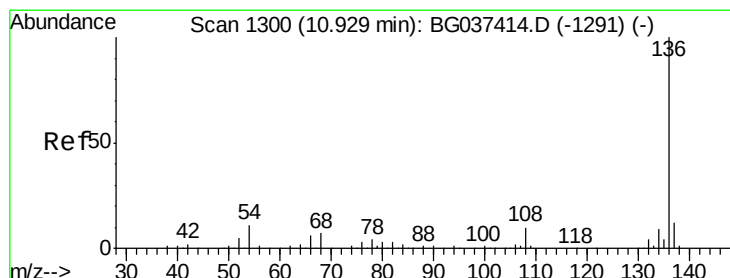
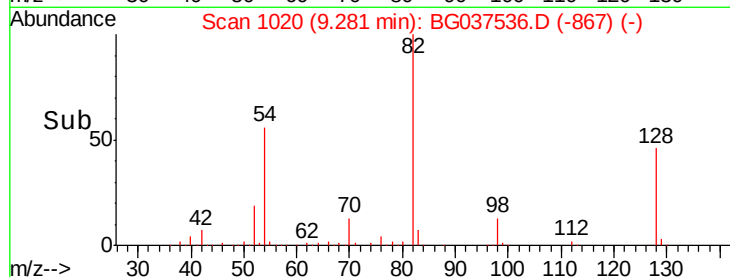
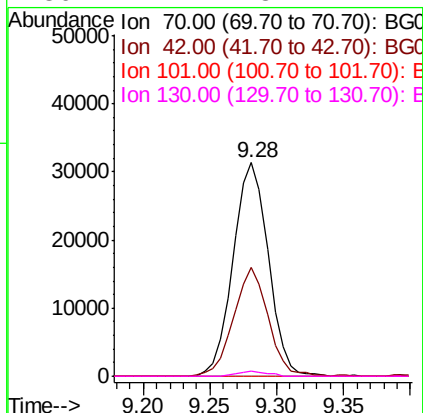
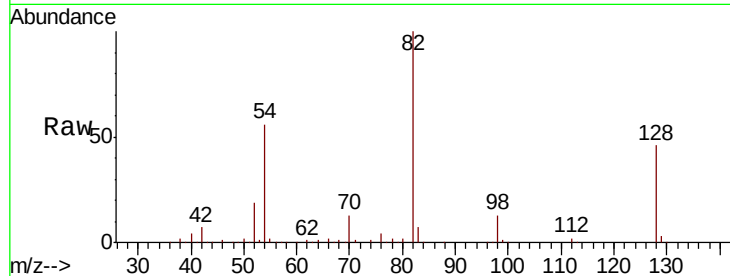




#19
n-Nitroso-di-n-propylamine
Concen: 16.566 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037536.D
Acq: 25 Oct 2018 7:52

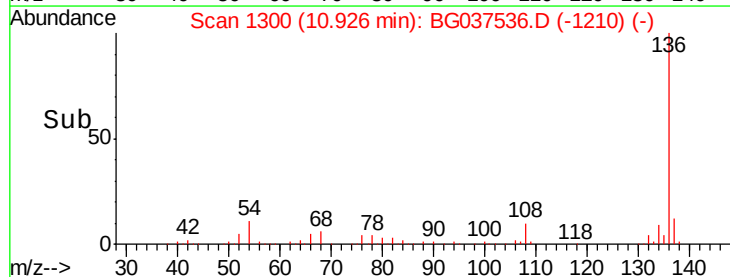
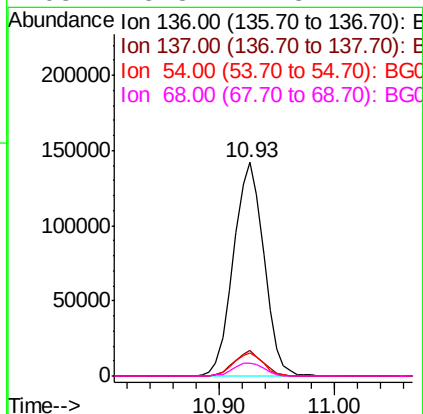
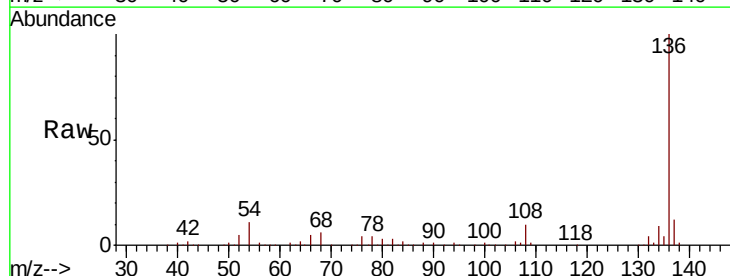
Instrument :
BNA_G
ClientSampleId :

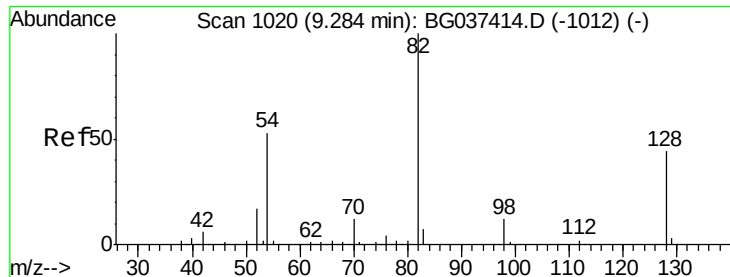
Tot Ion: 70 Resp: 57401
Ion Ratio Lower Upper
70 100
42 51.2 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037536.D
Acq: 25 Oct 2018 7:52

Tgt Ion:136 Resp: 259756
Ion Ratio Lower Upper
136 100
137 11.9 9.6 14.4
54 10.5 7.9 11.9
68 5.8 4.8 7.2

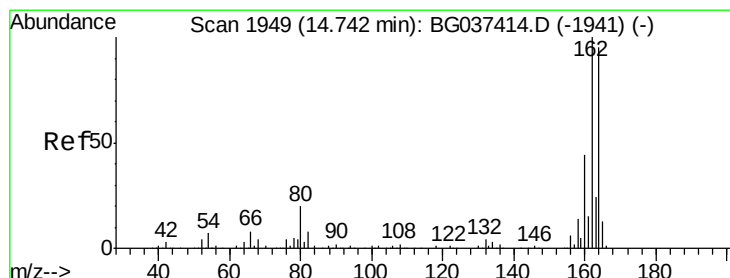
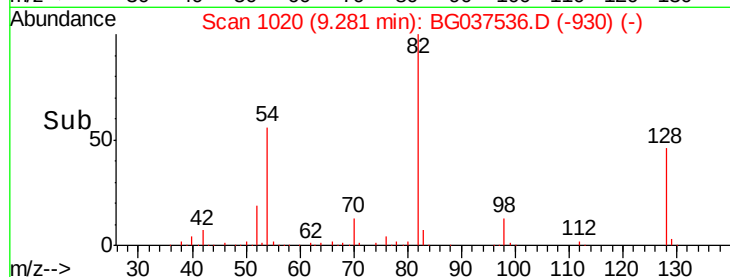
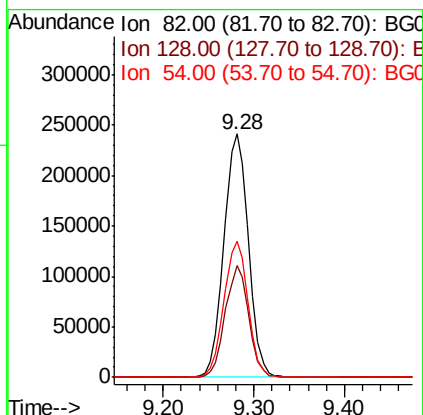
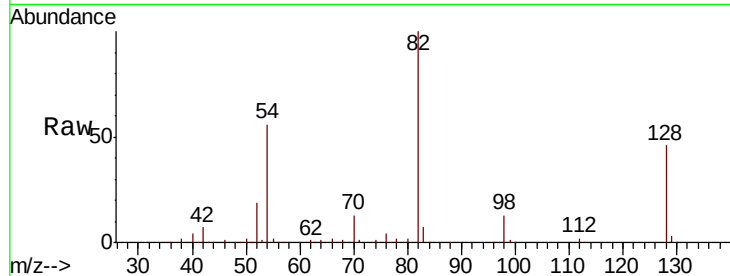




#23
Nitrobenzene-d5
Concen: 97.663 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037536.D
Acq: 25 Oct 2018 7:52

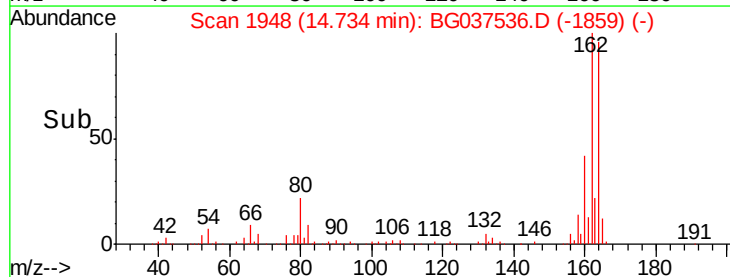
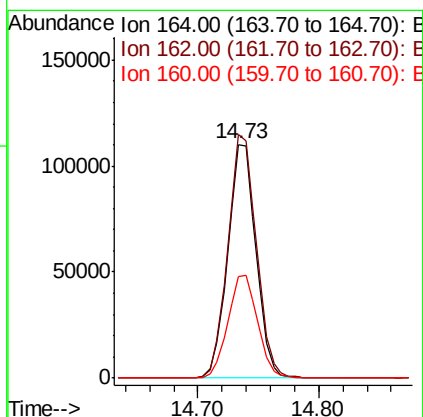
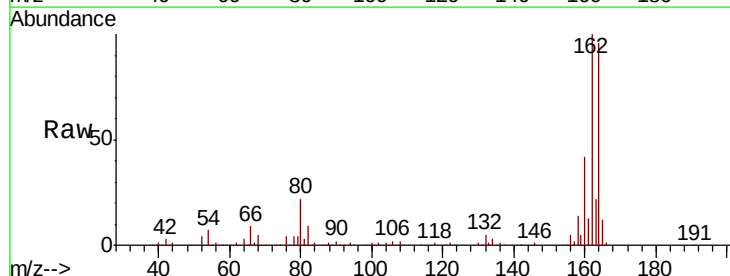
Instrument :
BNA_G
ClientSampleID :

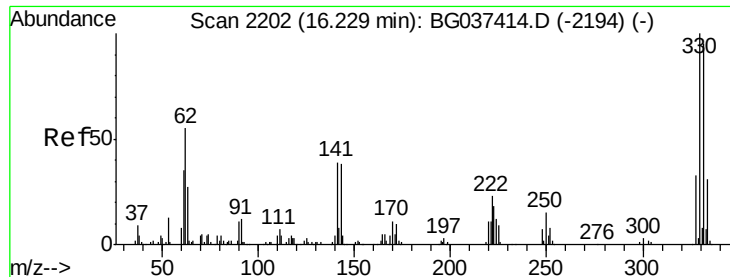
Tot Ion	82	Resp	452855
Ion Ratio	100	Lower	Upper
128	45.9	34.6	51.8
54	56.0	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037536.D
Acq: 25 Oct 2018 7:52

Tgt Ion	164	Resp	178501
Ion Ratio	100	Lower	Upper
162	104.2	81.3	121.9
160	43.6	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 97.278 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037536.D

Acq: 25 Oct 2018 7:52

Instrument :

BNA_G

ClientSampleId :

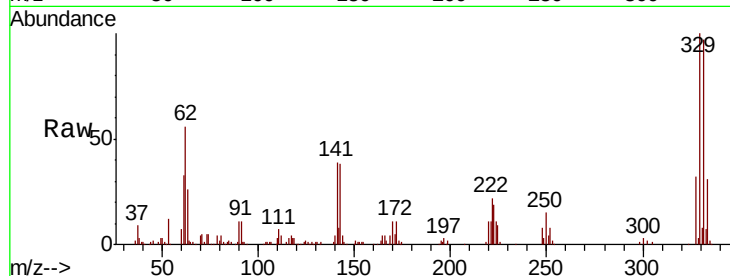
Tot Ion:330 Resp: 189390

Ion Ratio Lower Upper

330 100

332 95.2 78.4 117.6

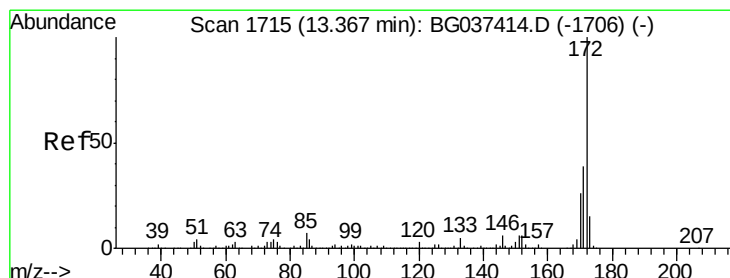
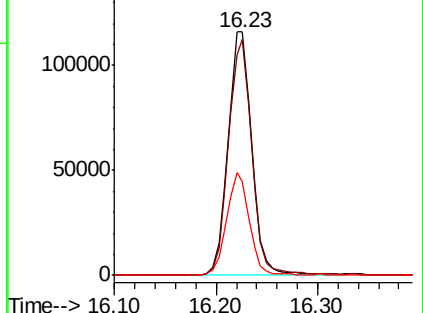
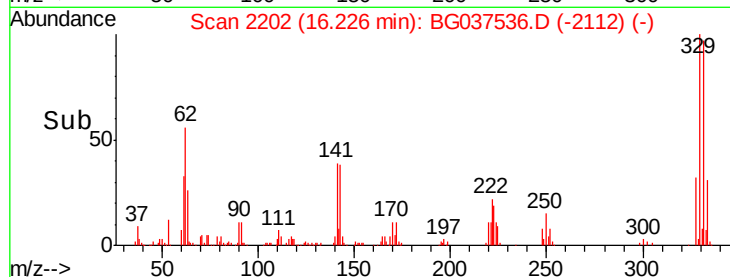
141 40.2 32.2 48.2



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: 95.412 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037536.D

Acq: 25 Oct 2018 7:52

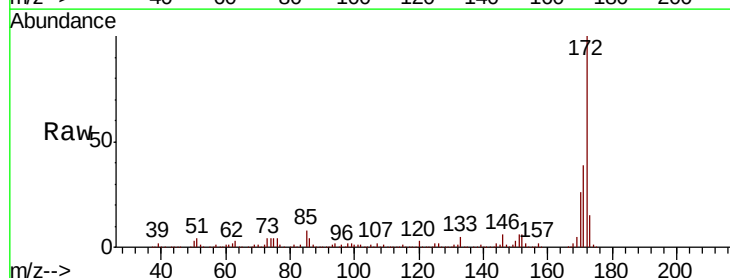
Tgt Ion:172 Resp: 1129422

Ion Ratio Lower Upper

172 100

171 39.3 31.0 46.4

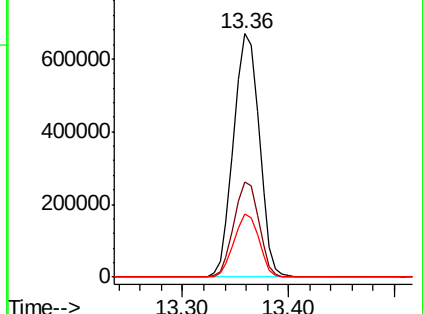
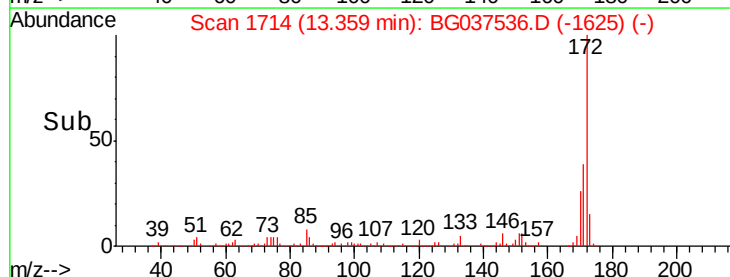
170 25.9 20.2 30.2

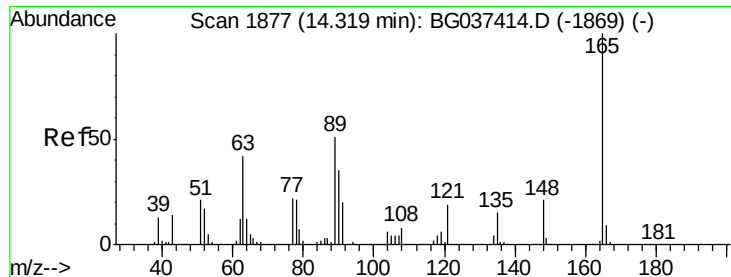


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

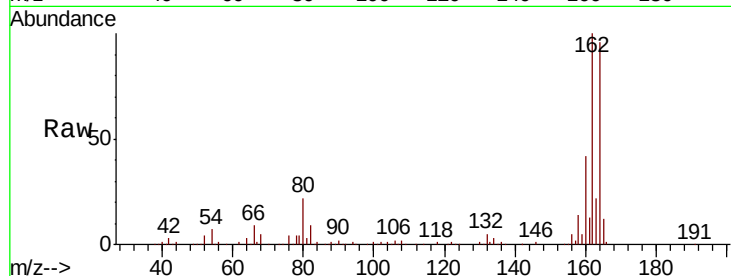




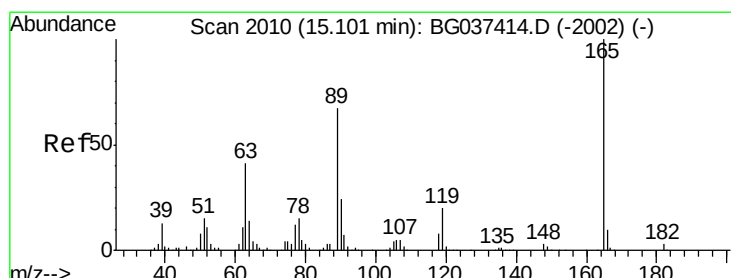
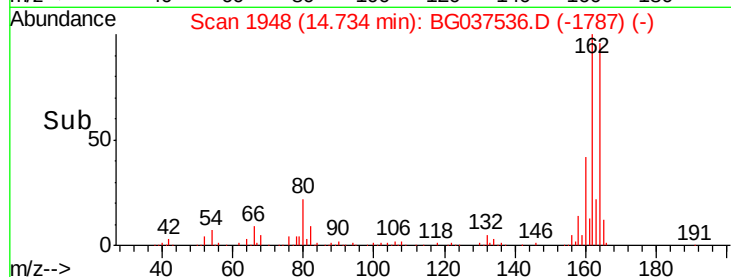
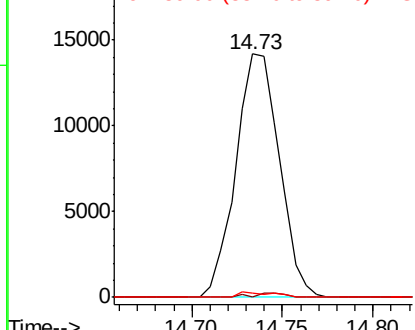
#51
2,6-Dinitrotoluene
Concen: 7.753 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037536.D
Acq: 25 Oct 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.7	45.8	68.6#

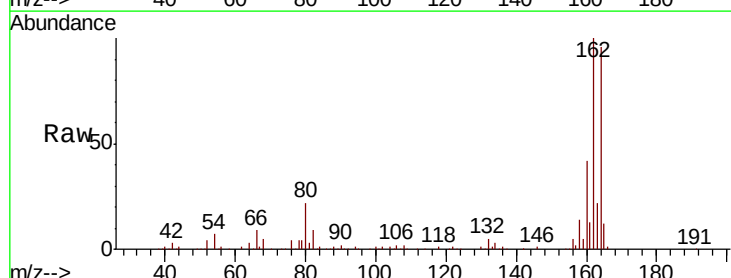


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

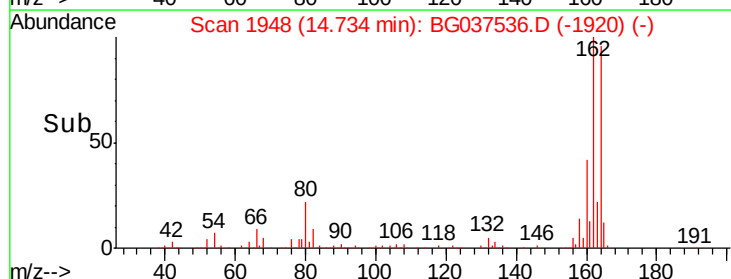
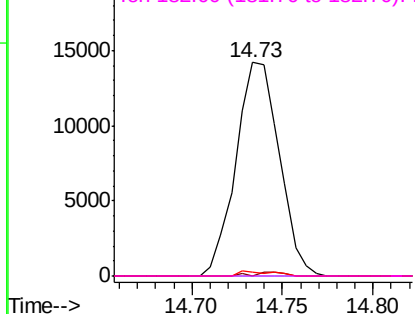


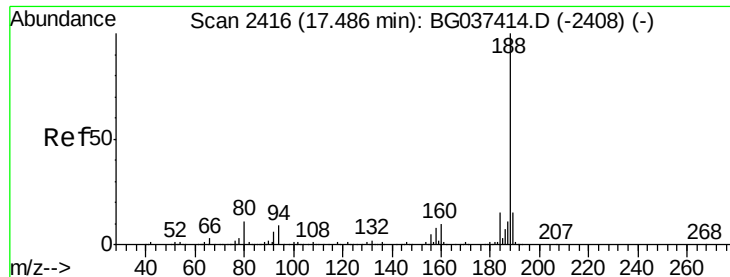
#57
2,4-Dinitrotoluene
Concen: 5.906 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037536.D
Acq: 25 Oct 2018 7:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.7	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: BG037536.D

Acq: 25 Oct 2018 7:52

Instrument :

BNA_G

ClientSampleId :

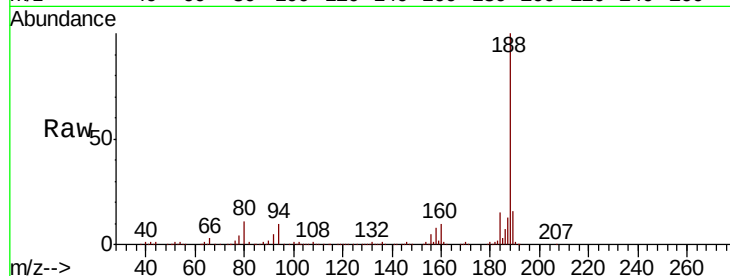
Tot Ion:188 Resp: 425812

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

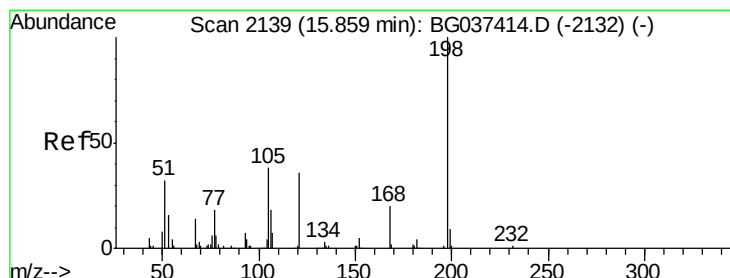
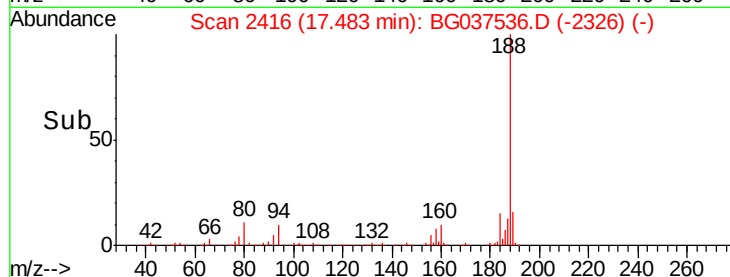
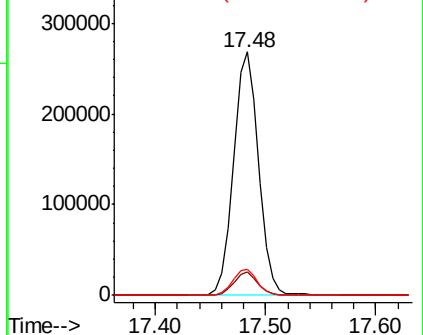
80 10.6 7.7 11.5



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: 8.685 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037536.D

Acq: 25 Oct 2018 7:52

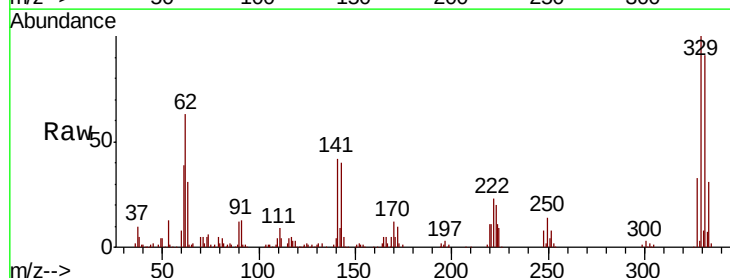
Tgt Ion:198 Resp: 482

Ion Ratio Lower Upper

198 100

51 21.9 22.7 62.7#

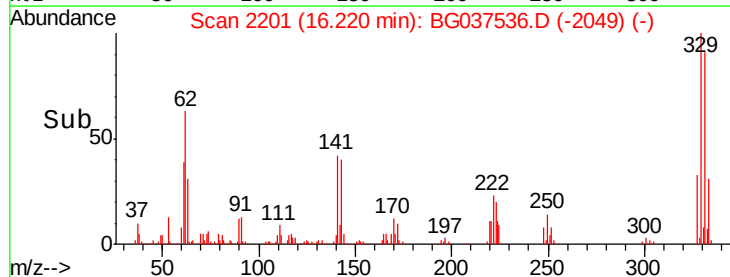
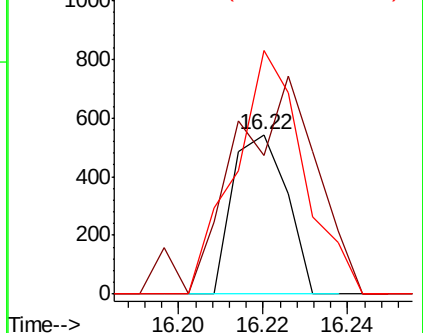
105 38.4 19.7 59.7

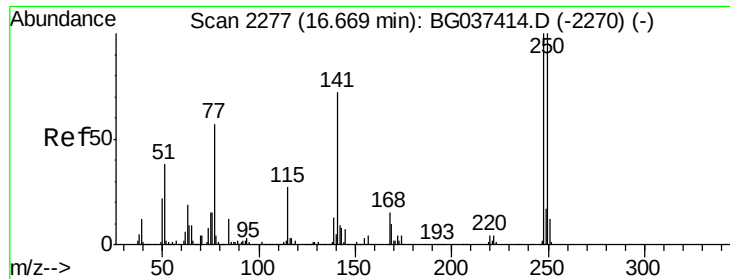


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 2.965 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037536.D

Acq: 25 Oct 2018 7:52

Instrument :

BNA_G

ClientSampleId :

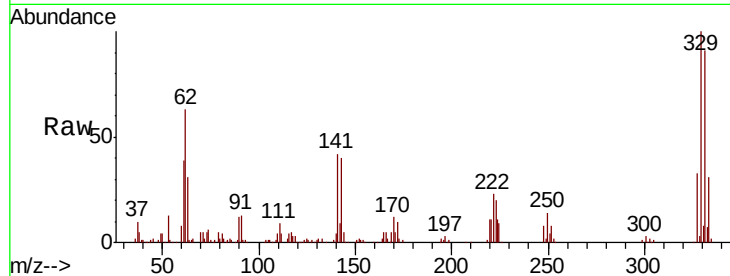
Tot Ion:248 Resp: 13865

Ion Ratio Lower Upper

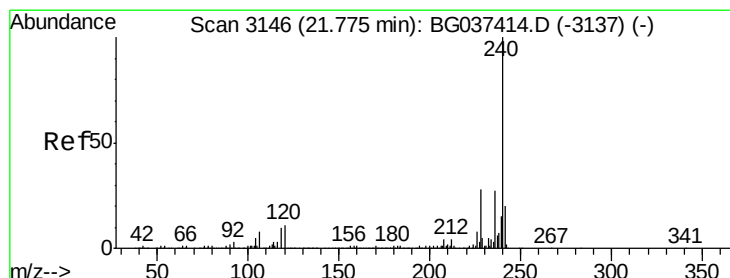
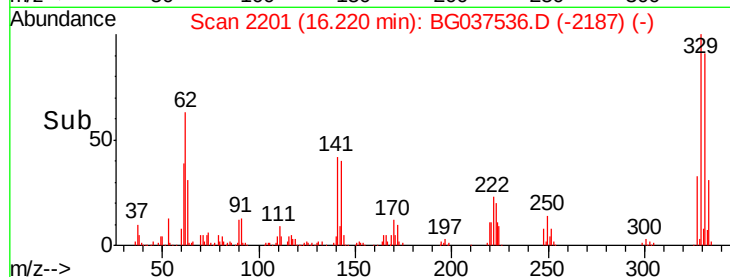
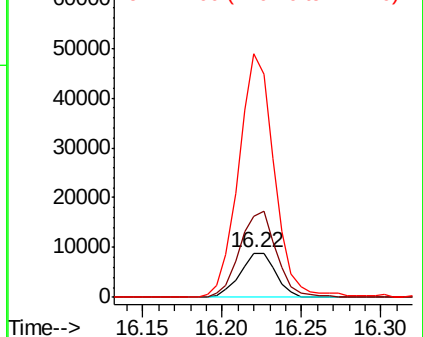
248 100

250 190.1 77.0 115.6#

141 432.3 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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037536.D

Acq: 25 Oct 2018 7:52

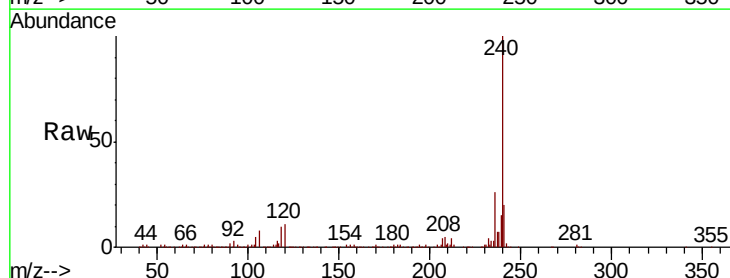
Tgt Ion:240 Resp: 388610

Ion Ratio Lower Upper

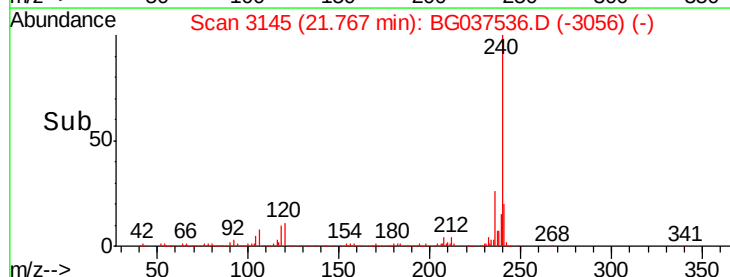
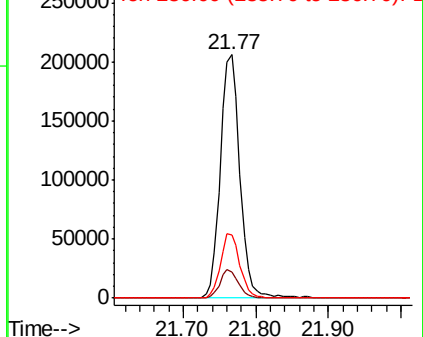
240 100

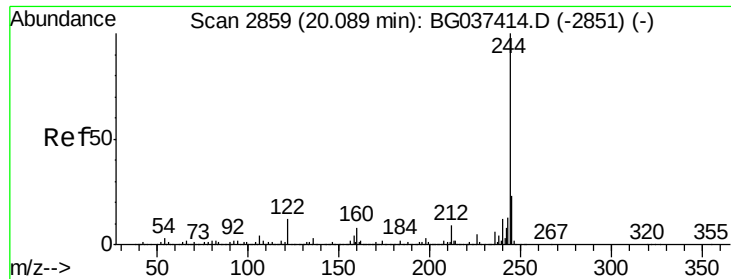
120 10.6 8.1 12.1

236 26.0 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: 83.427 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037536.D

Acq: 25 Oct 2018 7:52

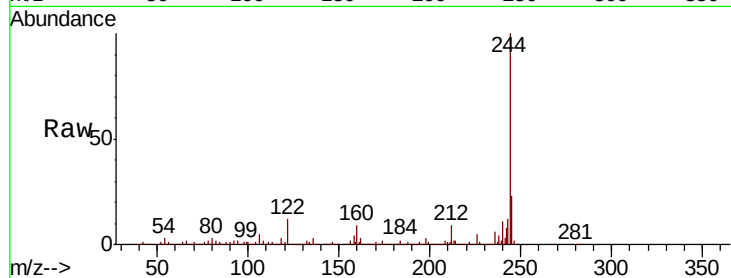
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1517273

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	11.9	9.0	13.4

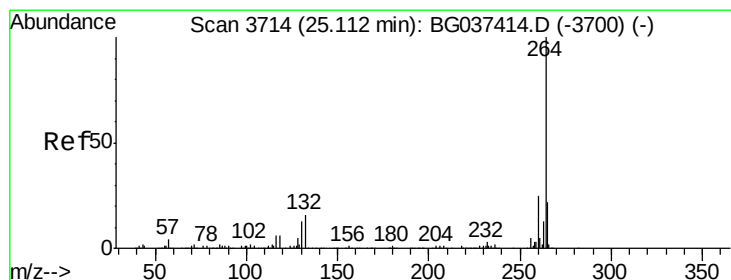
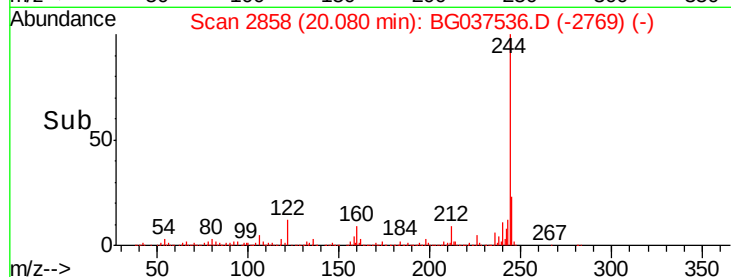
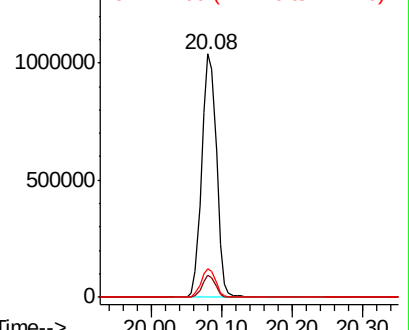


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

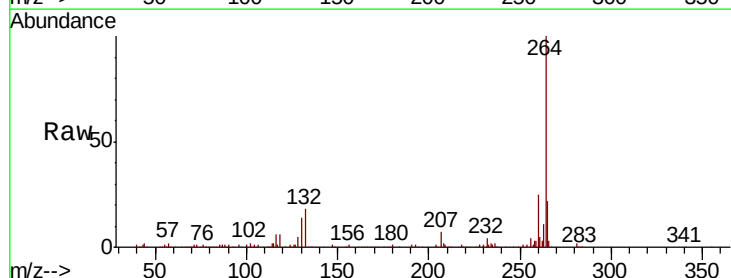
Delta R.T. -0.01 min

Lab File: BG037536.D

Acq: 25 Oct 2018 7:52

Tgt Ion:264 Resp: 370875

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.4
265	22.5	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

