

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037635.D
 Acq On : 29 Oct 2018 23:03
 Operator : JU/SJ
 Sample : J5665-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 04:44:19 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

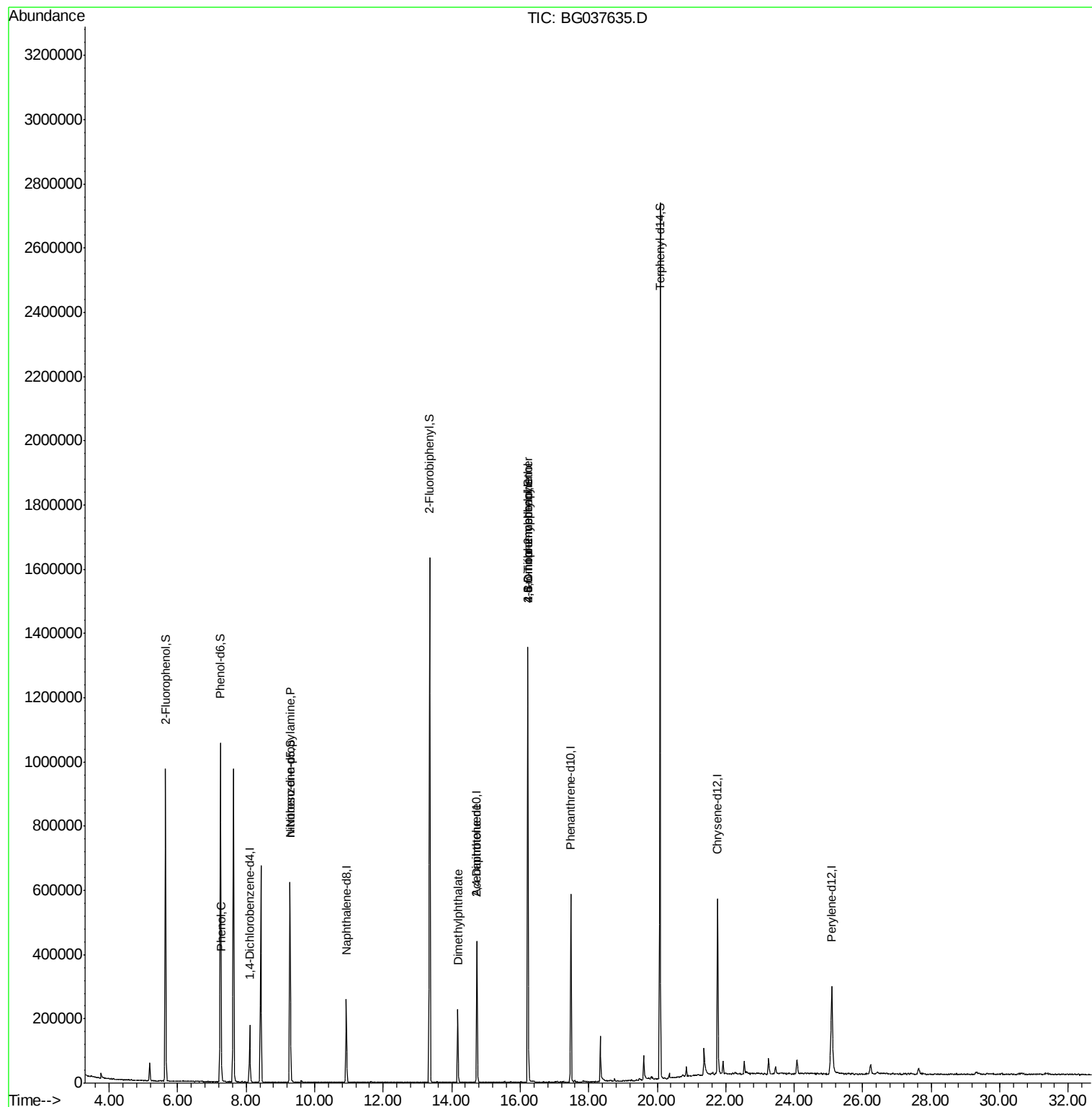
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53017	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	230291	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	159885	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	383005	20.00	ng	0.00
76) Chrysene-d12	21.77	240	349397	20.00	ng	0.00
87) Perylene-d12	25.09	264	333144	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	449916	141.88	ng	0.00
7) Phenol-d6	7.24	99	676621	141.10	ng	0.00
23) Nitrobenzene-d5	9.28	82	398403	96.91	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	247014	141.65	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	924048	87.15	ng	0.00
79) Terphenyl-d14	20.08	244	1309392	80.08	ng	0.00
Target Compounds						
10) Phenol	7.27	94	49350	9.754	ng	98
19) n-Nitroso-di-n-propylamine	9.28	70	49300	14.930	ng	# 71
50) Dimethylphthalate	14.18	163	163304	13.203	ng	100
57) 2,4-Dinitrotoluene	14.74	165	20246	5.637	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	824	8.845	ng	73
67) 4-Bromophenyl-phenylether	16.22	248	18724	4.452	ng	# 1

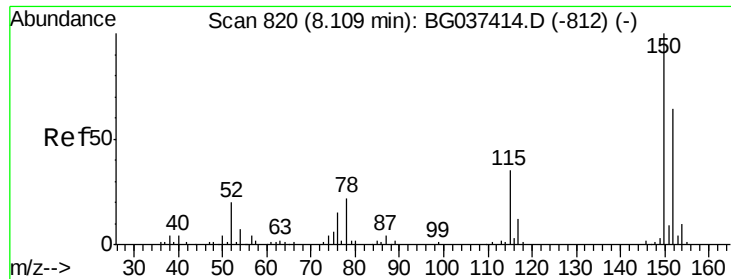
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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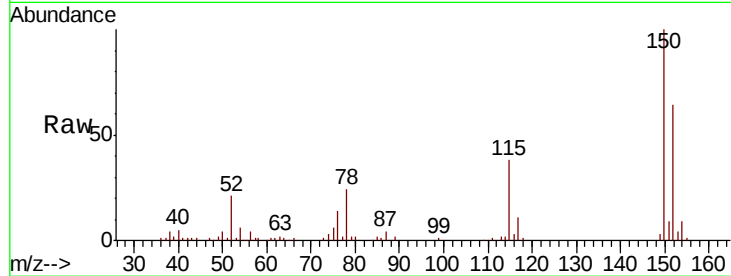


#1

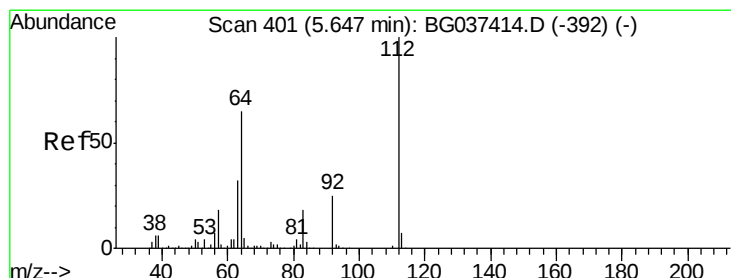
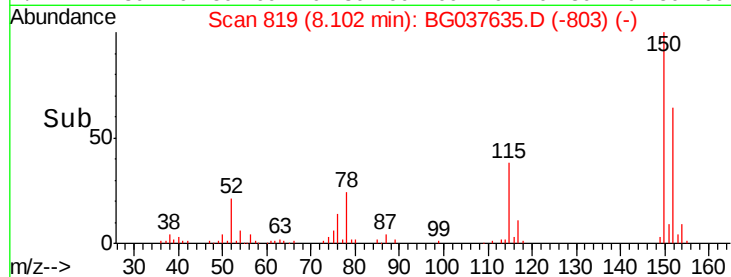
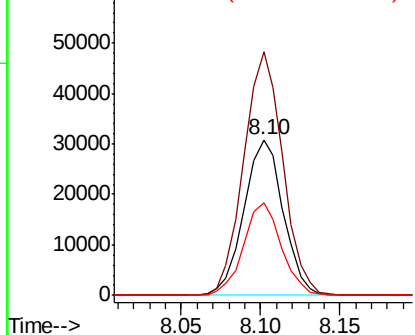
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53017
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 60.0 45.5 68.3



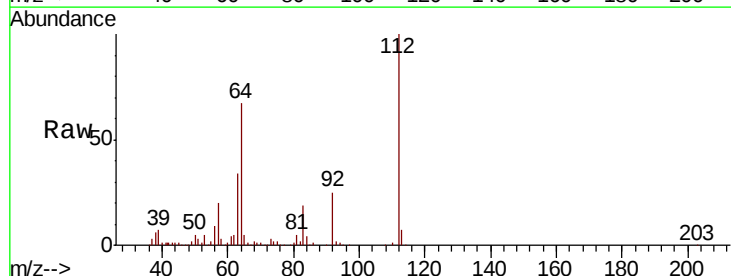
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



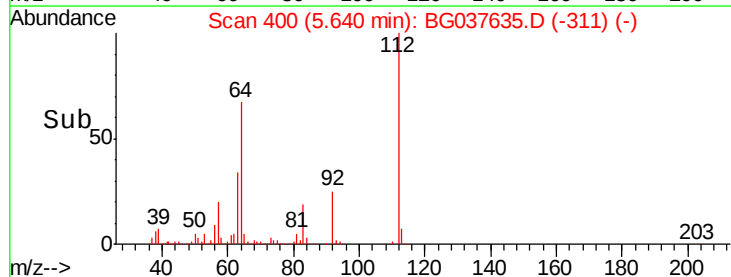
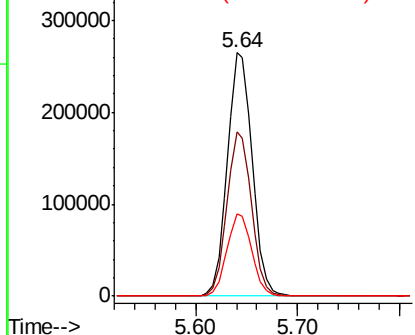
#5

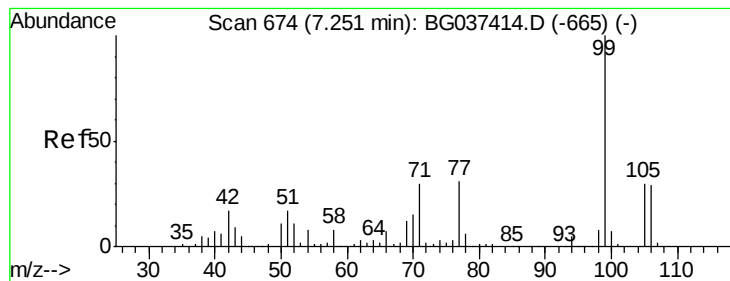
2-Fluorophenol
Concen: 141.878 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Tgt Ion:112 Resp: 449916
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 33.6 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: 141.104 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

Instrument :

BNA_G

ClientSampled :

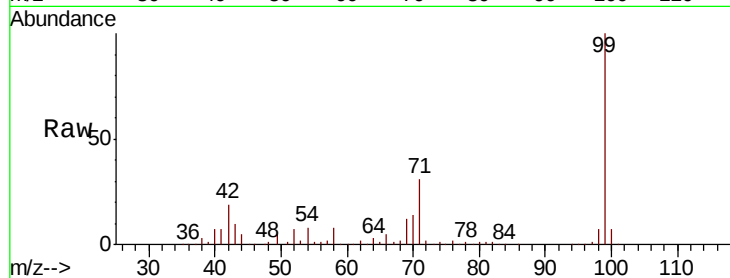
Tot Ion: 99 Resp: 676621

Ion Ratio Lower Upper

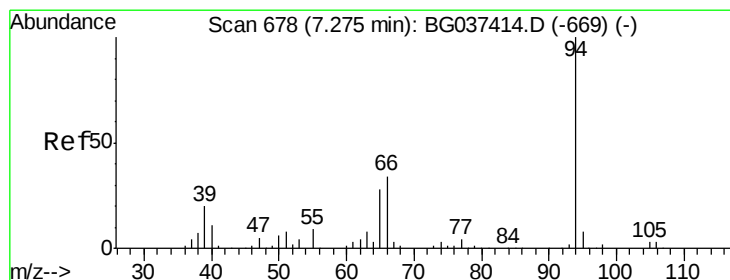
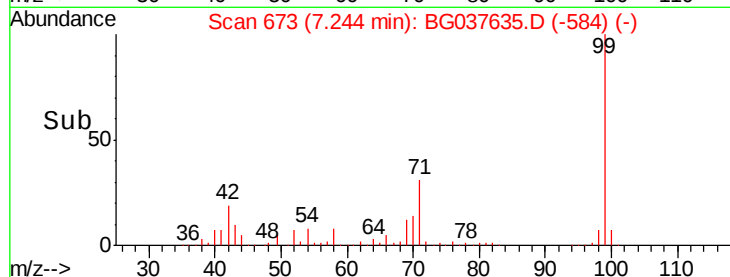
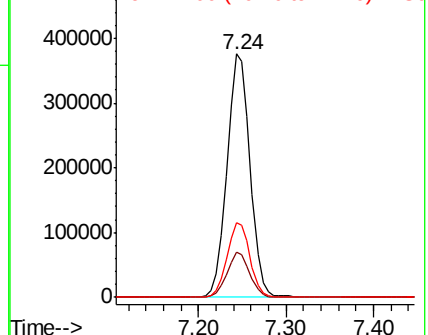
99 100

42 18.6 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: 9.754 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

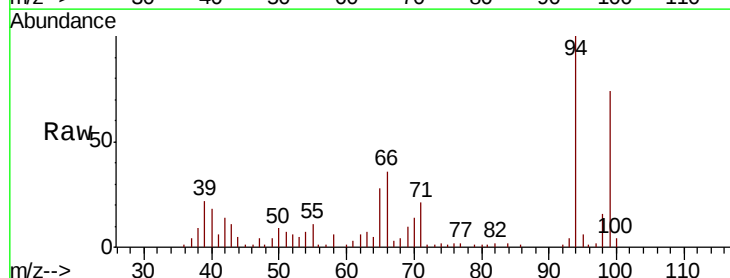
Tgt Ion: 94 Resp: 49350

Ion Ratio Lower Upper

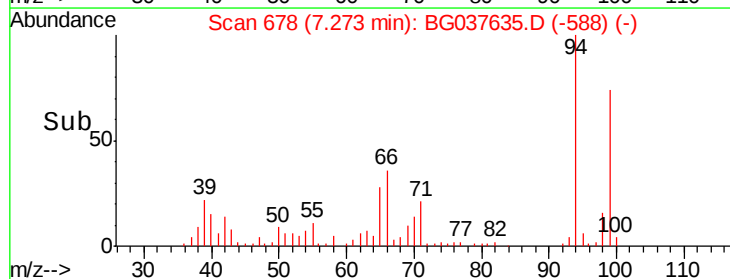
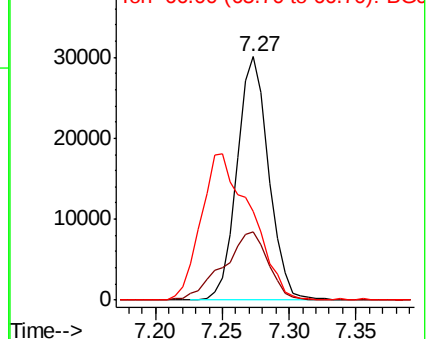
94 100

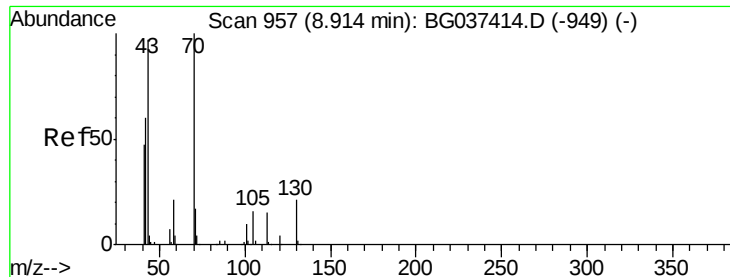
65 28.3 9.7 49.7

66 36.3 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

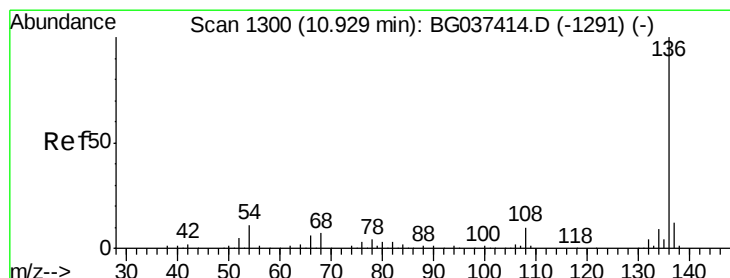
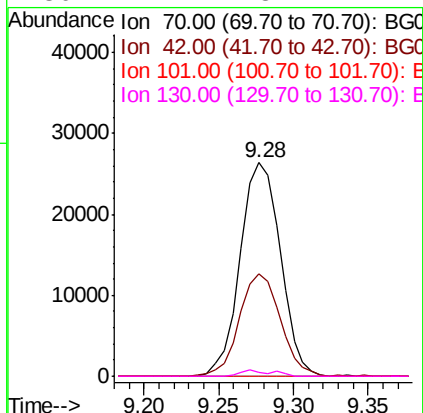
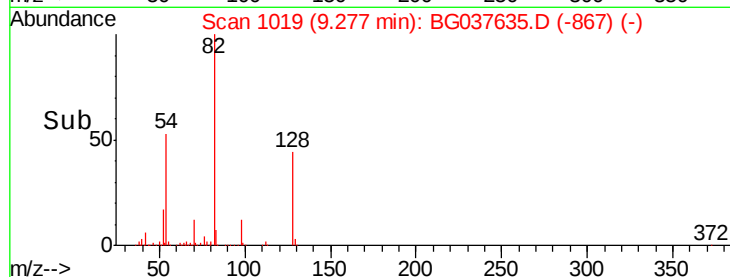
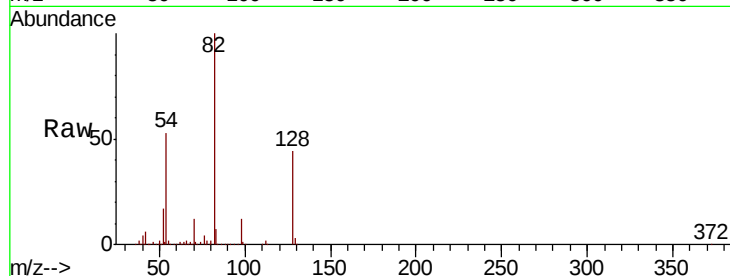




#19
n-Nitroso-di-n-propylamine
Concen: 14.930 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

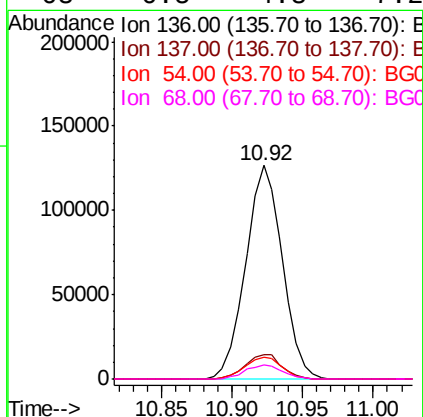
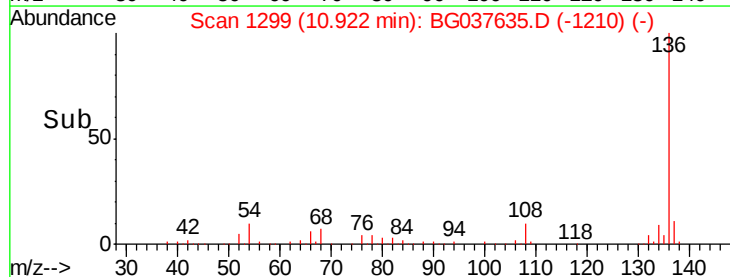
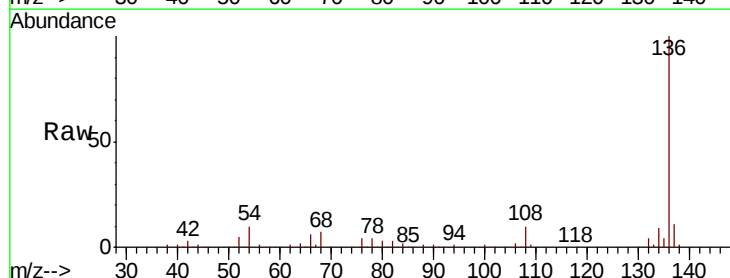
Instrument :
BNA_G
ClientSampleId :

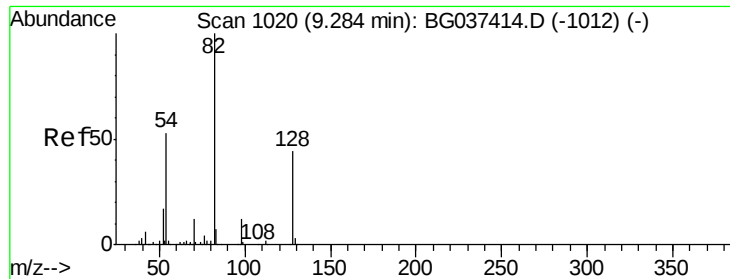
Tot Ion: 70 Resp: 49300
Ion Ratio Lower Upper
70 100
42 48.0 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Tgt Ion: 136 Resp: 230291
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 10.2 7.9 11.9
68 6.5 4.8 7.2

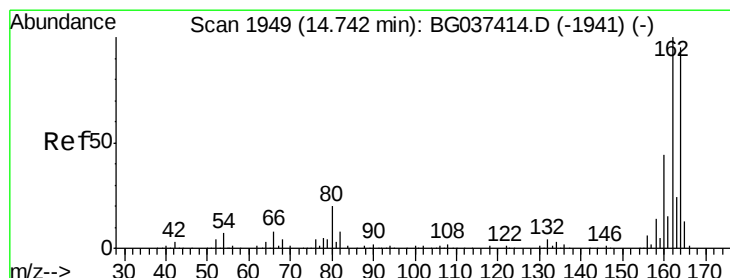
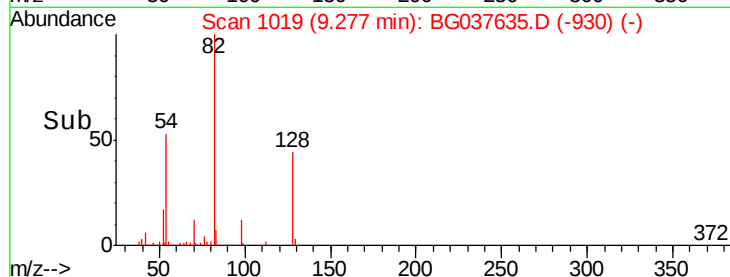
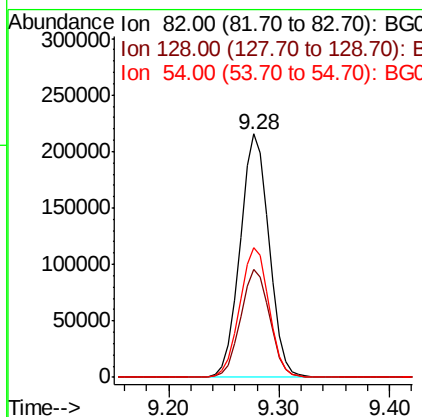
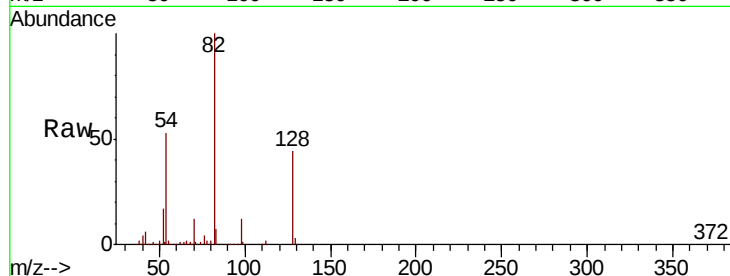




#23
 Nitrobenzene-d5
 Concen: 96.913 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037635.D
 Acq: 29 Oct 2018 23:03

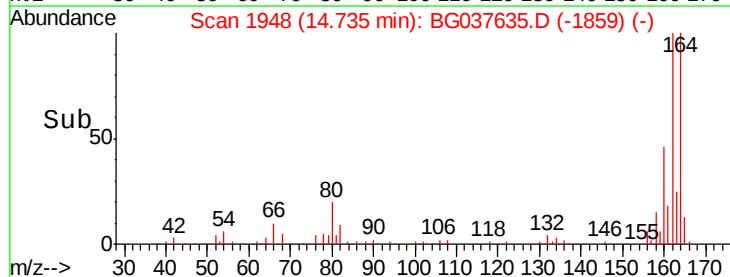
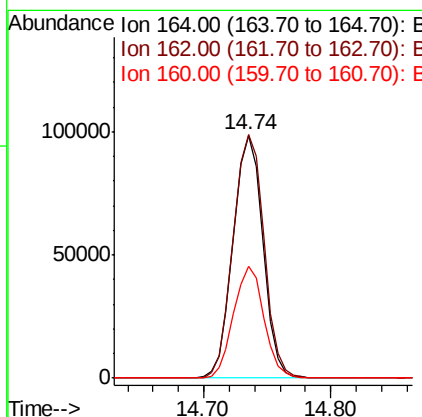
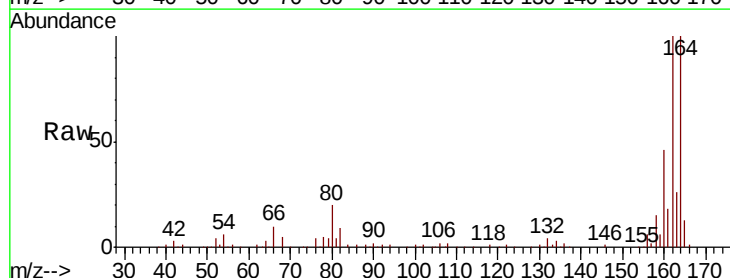
Instrument :
 BNA_G
 ClientSampleId :

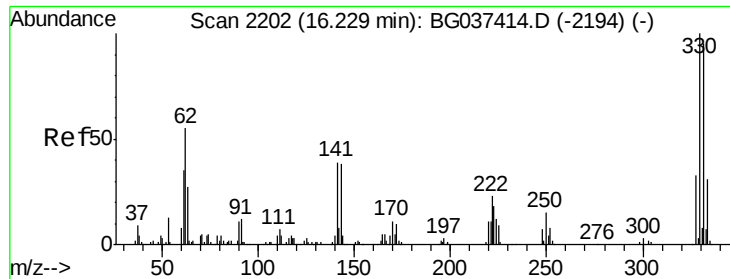
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	53.2	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037635.D
 Acq: 29 Oct 2018 23:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.3	121.9
160	46.3	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 141.649 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

Instrument :

BNA_G

ClientSampleId :

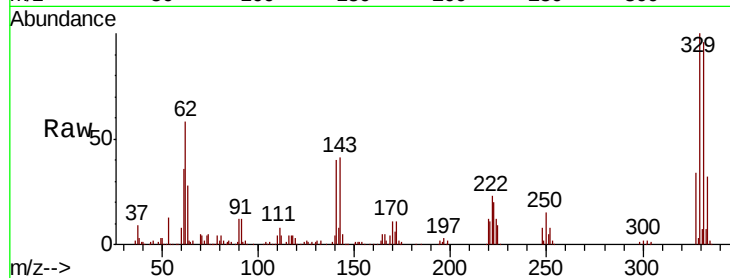
Tot Ion:330 Resp: 247014

Ion Ratio Lower Upper

330 100

332 97.2 78.4 117.6

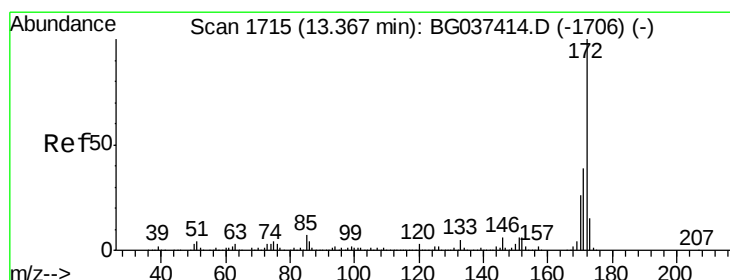
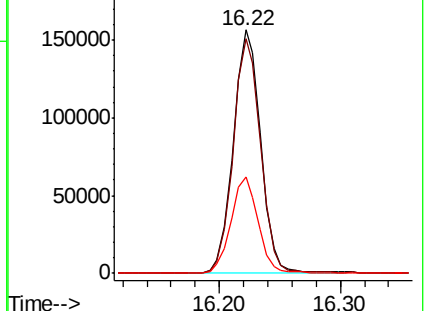
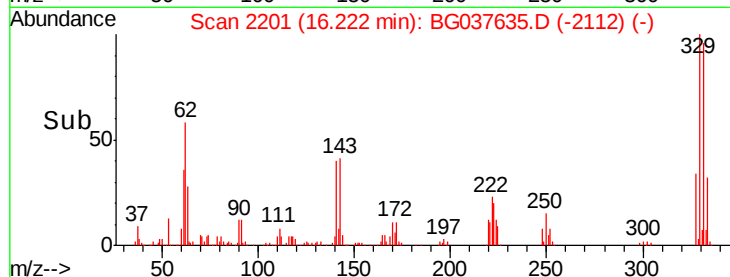
141 39.5 32.2 48.2



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: 87.151 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

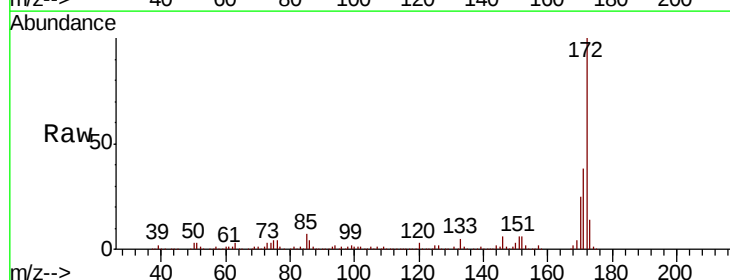
Tgt Ion:172 Resp: 924048

Ion Ratio Lower Upper

172 100

171 37.6 31.0 46.4

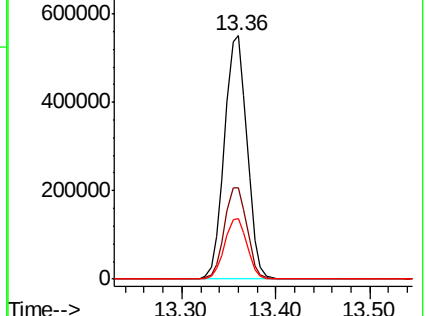
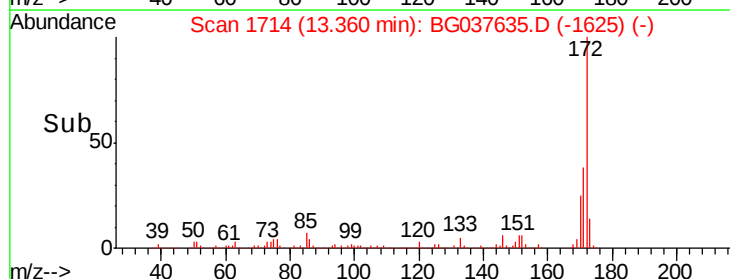
170 24.9 20.2 30.2

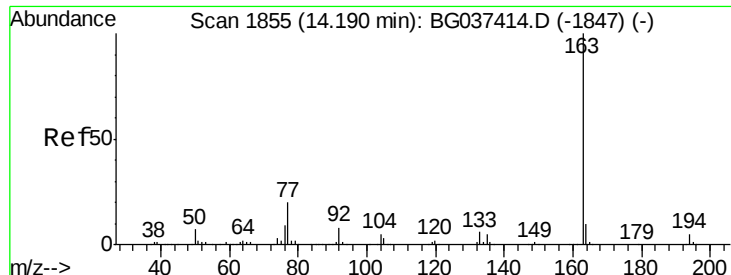


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 13.203 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

Instrument :

BNA_G

ClientSampleId :

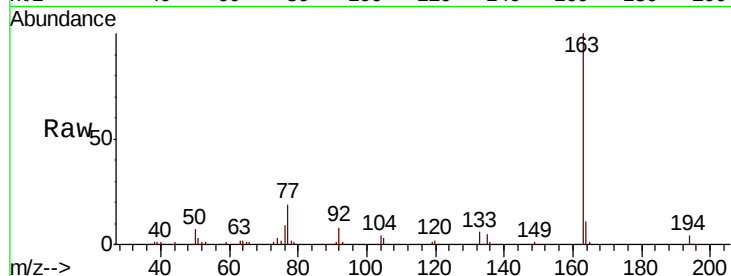
Tot Ion:163 Resp: 163304

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.8 8.5 12.7

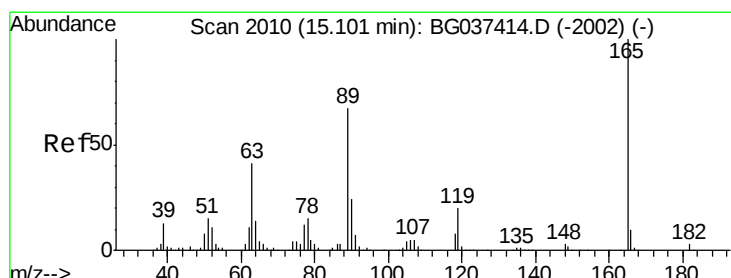
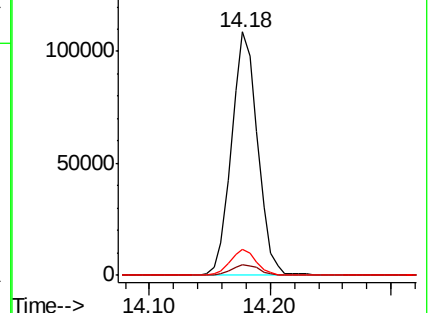
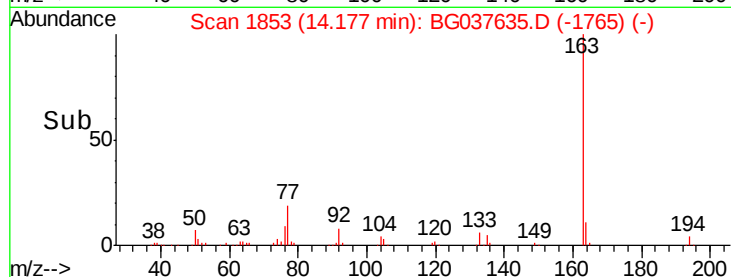


Abundance

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: 5.637 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

Tgt Ion:165 Resp: 20246

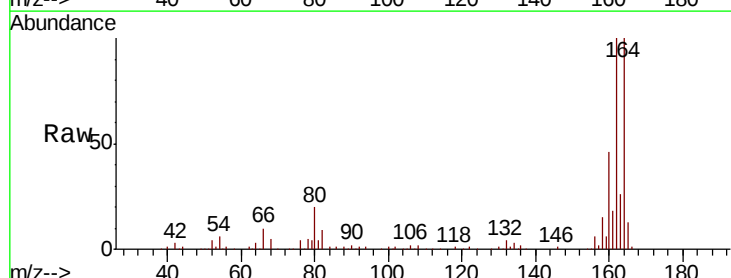
Ion Ratio Lower Upper

165 100

63 2.2 33.4 50.0#

89 1.6 57.2 85.8#

182 0.0 2.6 4.0#



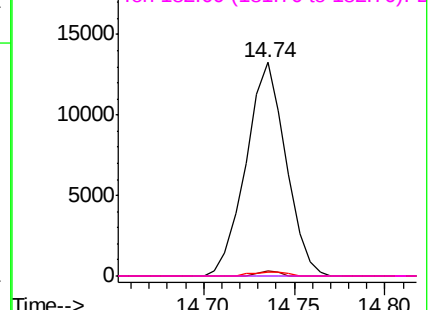
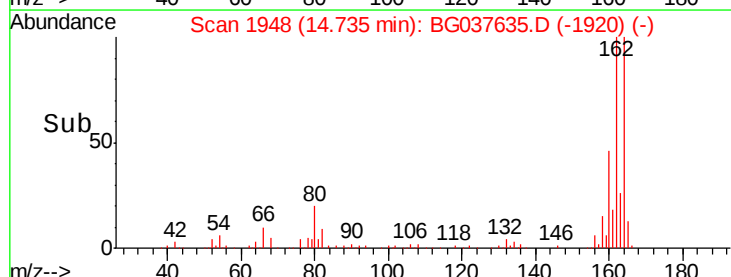
Abundance

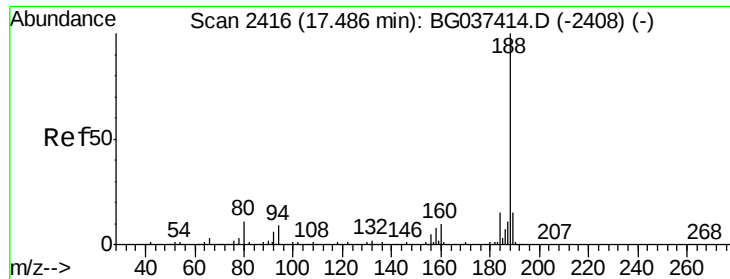
Ion 165.00 (164.70 to 165.70): E

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# 2415

Delta R.T. -0.01 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

Instrument :

BNA_G

ClientSampleId :

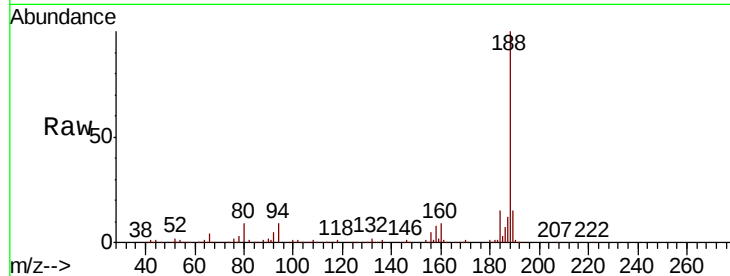
Tot Ion:188 Resp: 383005

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

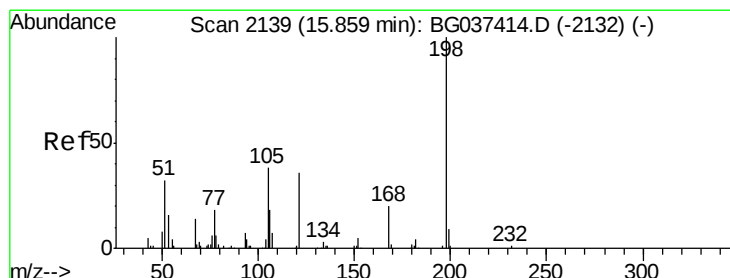
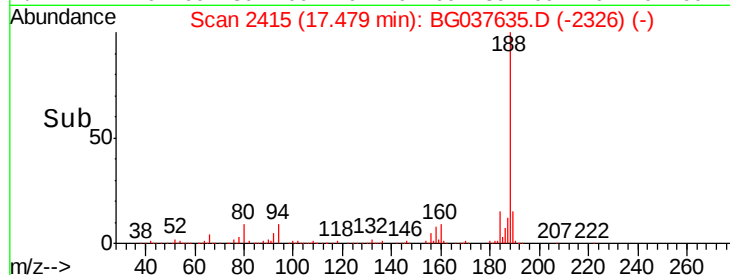
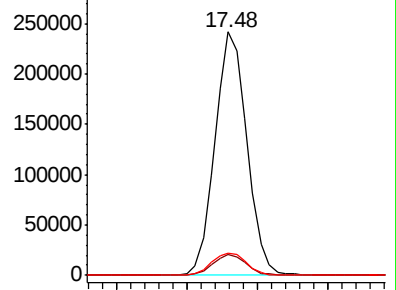
80 9.4 7.7 11.5



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: 8.845 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

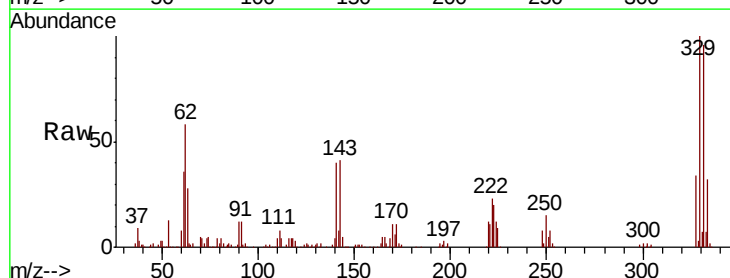
Tgt Ion:198 Resp: 824

Ion Ratio Lower Upper

198 100

51 24.9 22.7 62.7

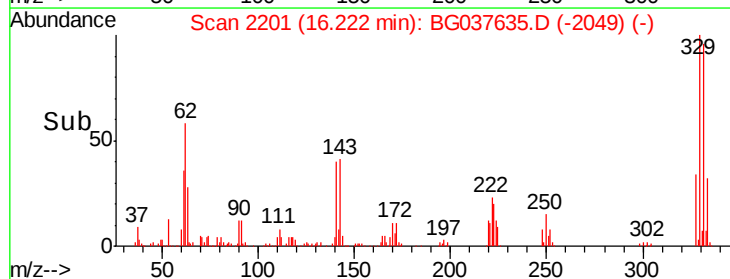
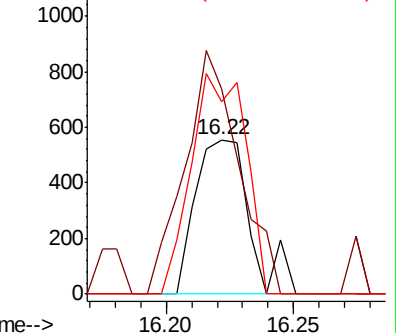
105 23.3 19.7 59.7

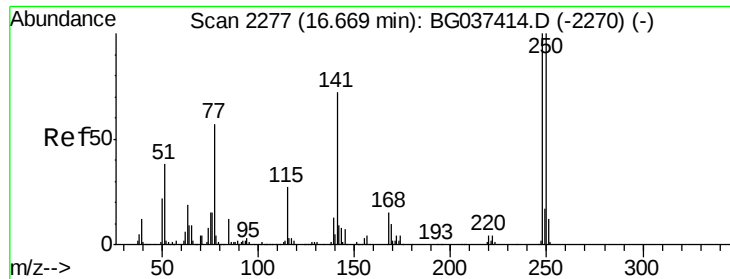


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

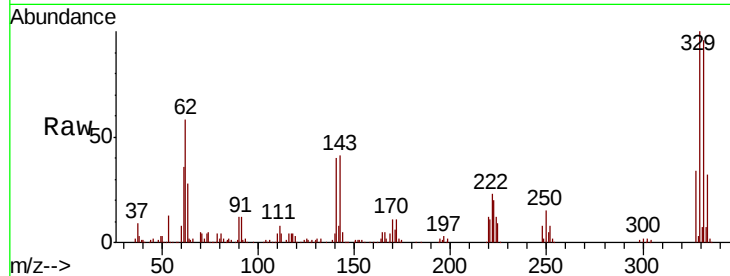




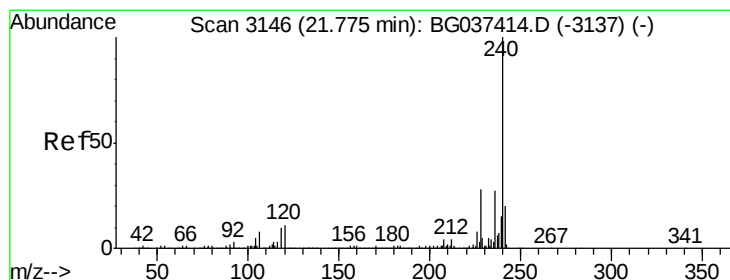
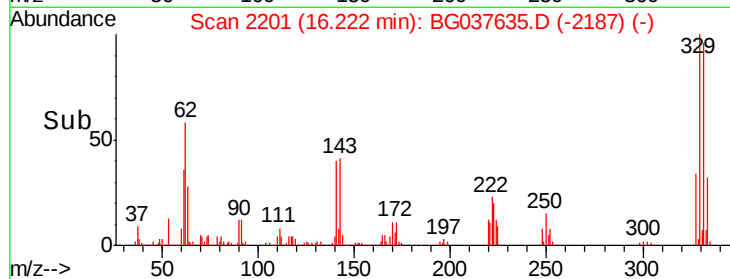
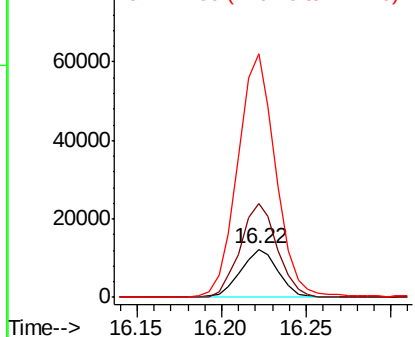
#67
 4-Bromophenyl-phenylether
 Concen: 4.452 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037635.D
 Acq: 29 Oct 2018 23:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18724
 Ion Ratio Lower Upper
 248 100
 250 201.0 77.0 115.6#
 141 398.4 55.5 83.3#

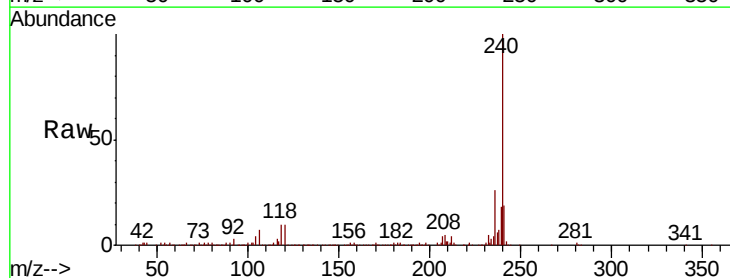


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

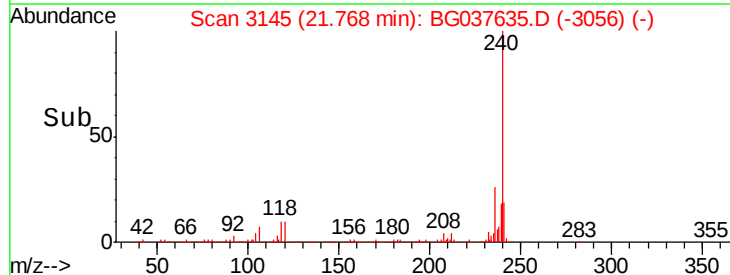
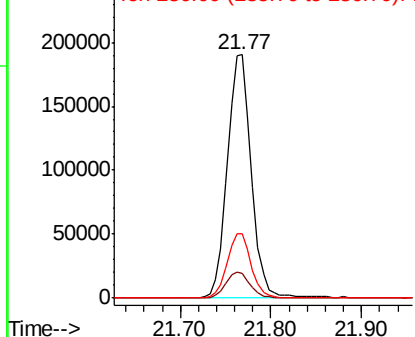


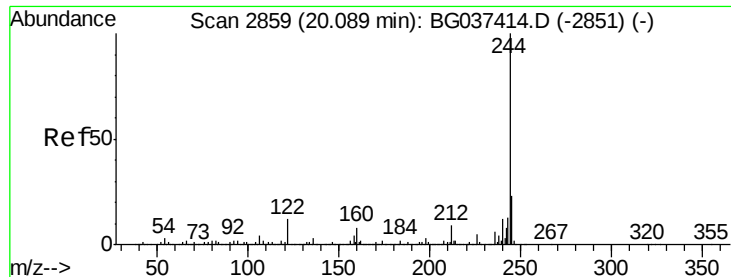
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037635.D
 Acq: 29 Oct 2018 23:03

Tgt Ion:240 Resp: 349397
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 26.3 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: 80.077 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

Instrument :

BNA_G

ClientSampleId :

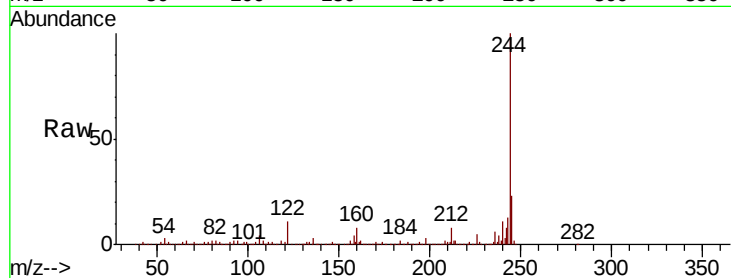
Tot Ion:244 Resp: 1309392

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

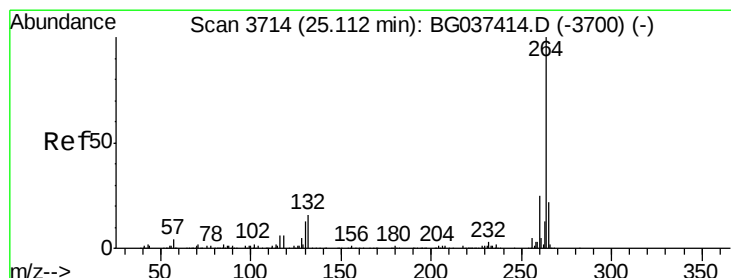
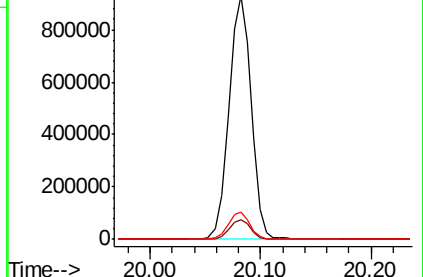
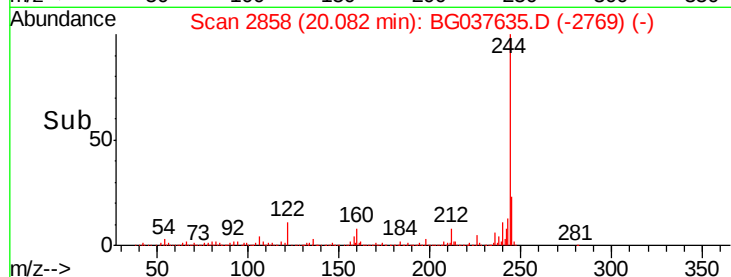
122 11.3 9.0 13.4



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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037635.D

Acq: 29 Oct 2018 23:03

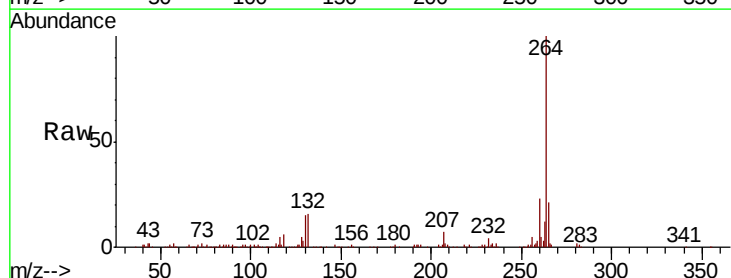
Tgt Ion:264 Resp: 333144

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 21.3 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

