

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037480.D
 Acq On : 23 Oct 2018 17:31
 Operator : JU/SJ
 Sample : J5610-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 04:42:14 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

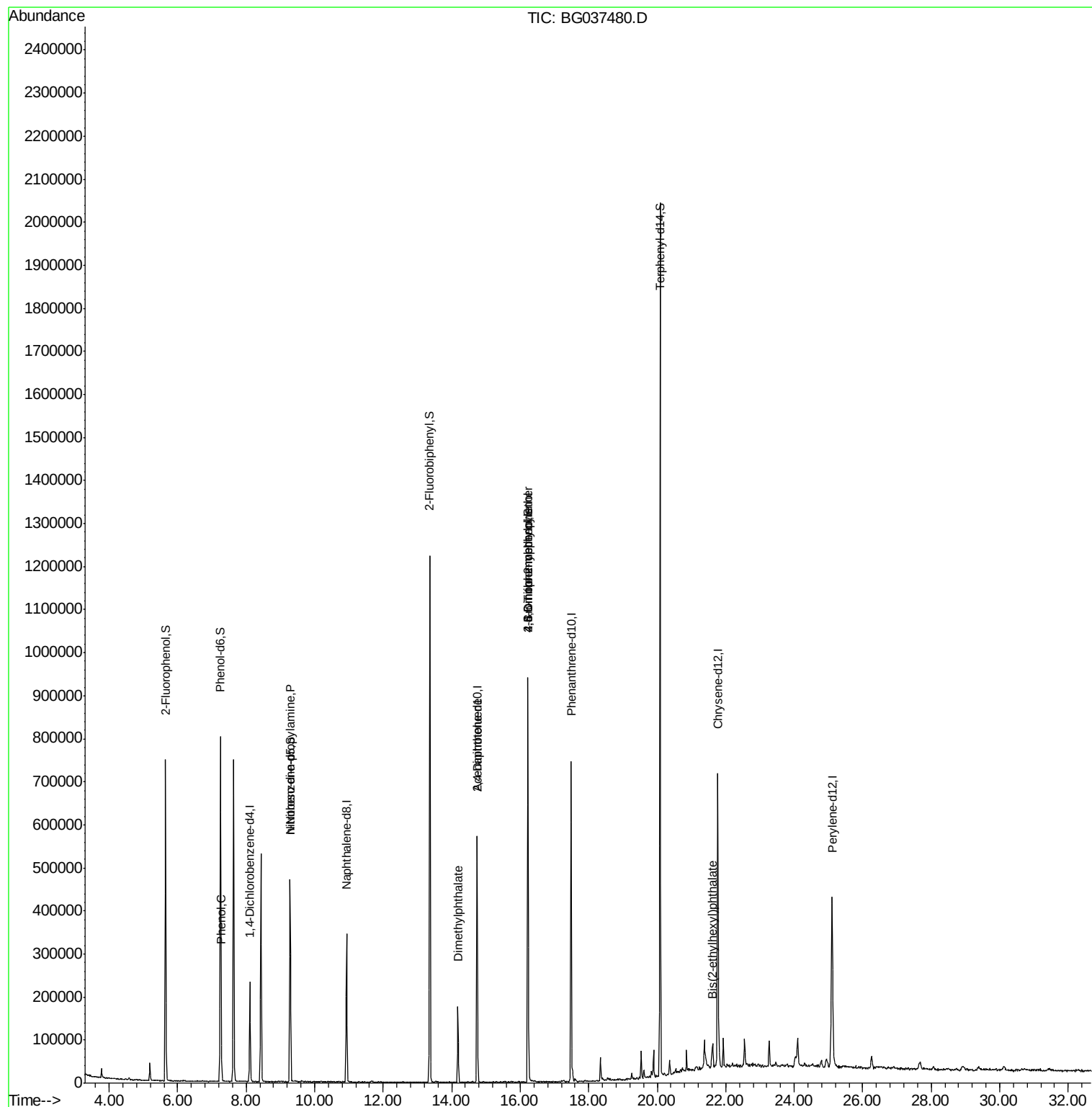
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	68355	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	305958	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	199983	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	476360	20.00	ng	0.00
76) Chrysene-d12	21.77	240	417485	20.00	ng	0.00
87) Perylene-d12	25.11	264	422848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	337696	82.60	ng	0.00
7) Phenol-d6	7.25	99	502701	81.31	ng	0.00
23) Nitrobenzene-d5	9.28	82	290254	53.14	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	166206	76.20	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	686228	51.74	ng	0.00
79) Terphenyl-d14	20.08	244	961877	49.23	ng	0.00
Target Compounds						
10) Phenol	7.27	94	43106	6.608	ng	96
19) n-Nitroso-di-n-propylamine	9.28	70	37156	8.728	ng	# 71
50) Dimethylphthalate	14.18	163	116363	7.521	ng	98
57) 2,4-Dinitrotoluene	14.74	165	26811	5.968	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	462	8.660	ng	# 73
67) 4-Bromophenyl-phenylether	16.22	248	11976	2.289	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.62	149	52910	3.379	ng	# 98

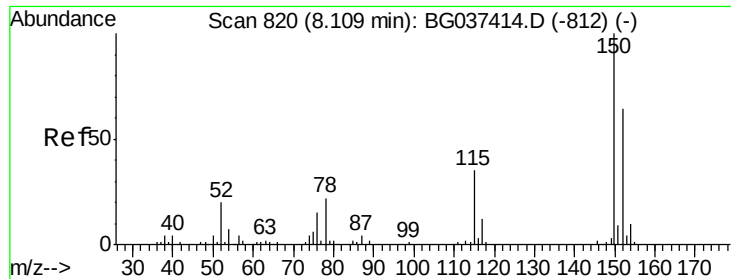
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037480.D
Acq On : 23 Oct 2018 17:31
Operator : JU/SJ
Sample : J5610-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 24 04:42:14 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



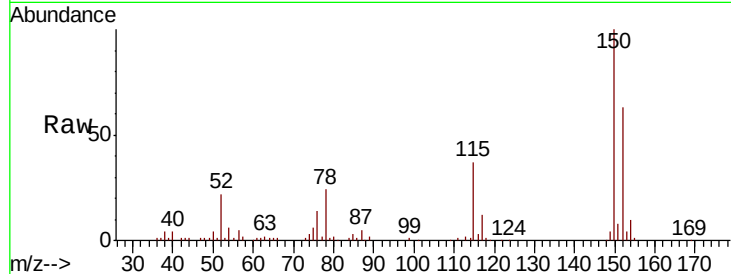


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037480.D
Acq: 23 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.0	189.0
115	58.4	45.5	68.3

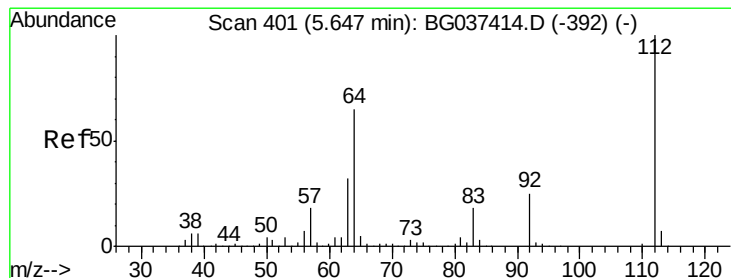
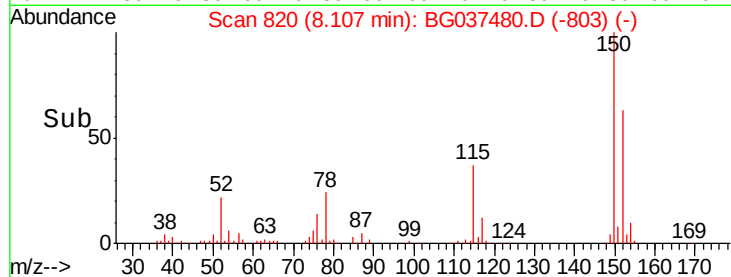
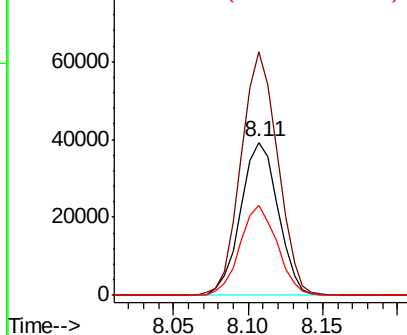


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

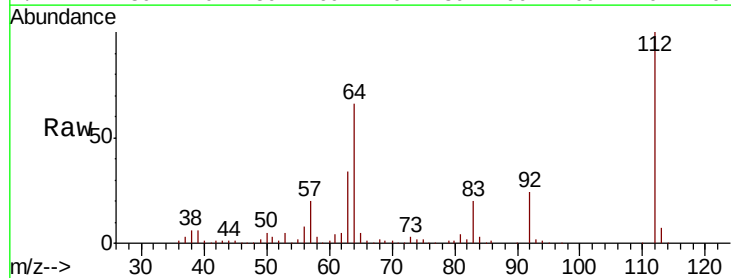
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.595 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037480.D
Acq: 23 Oct 2018 17:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.1	79.7
63	34.3	27.3	40.9

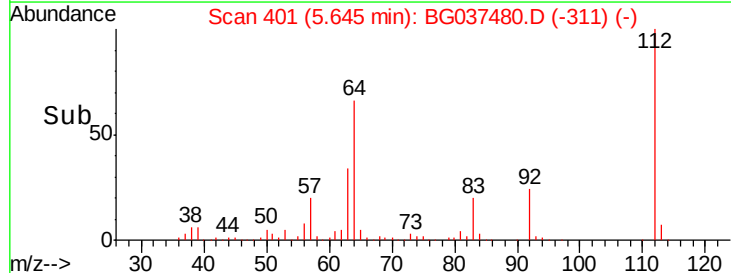
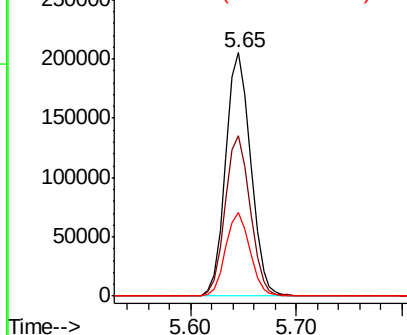


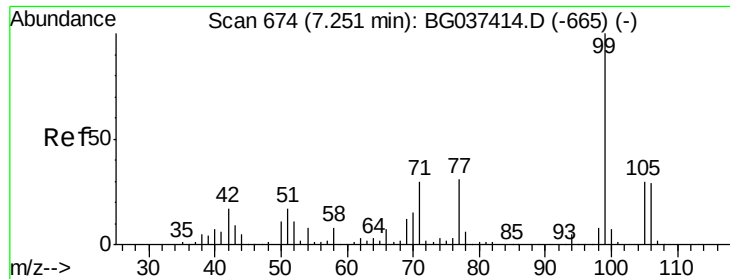
Abundance

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: 81.311 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037480.D

Acq: 23 Oct 2018 17:31

Instrument :

BNA_G

ClientSampled :

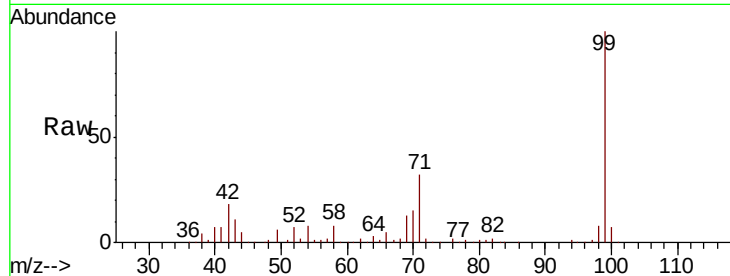
Tot Ion: 99 Resp: 502701

Ion Ratio Lower Upper

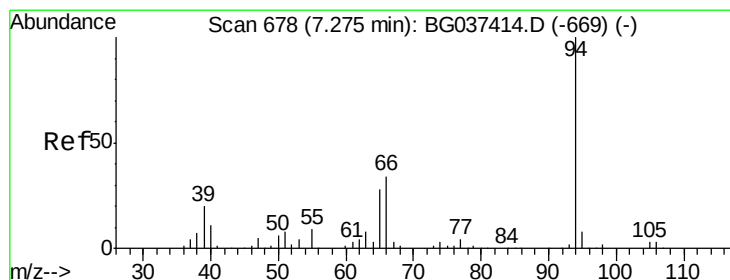
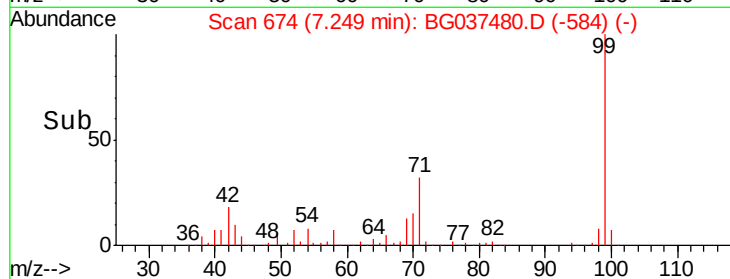
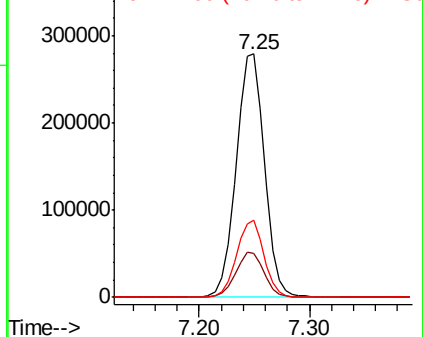
99 100

42 18.0 15.0 22.4

71 31.6 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: 6.608 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037480.D

Acq: 23 Oct 2018 17:31

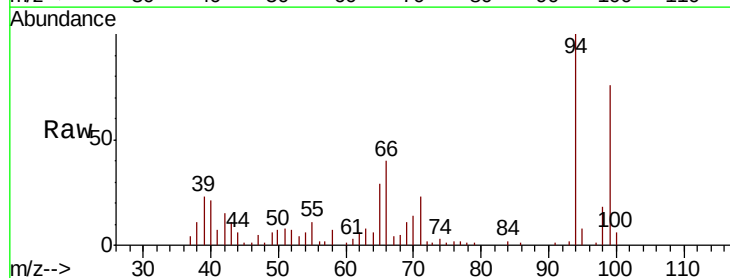
Tgt Ion: 94 Resp: 43106

Ion Ratio Lower Upper

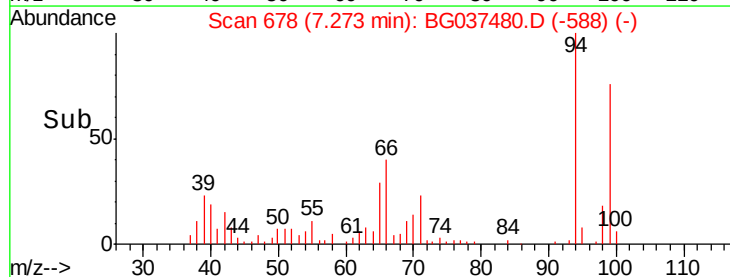
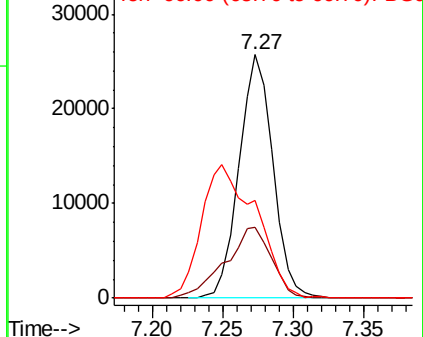
94 100

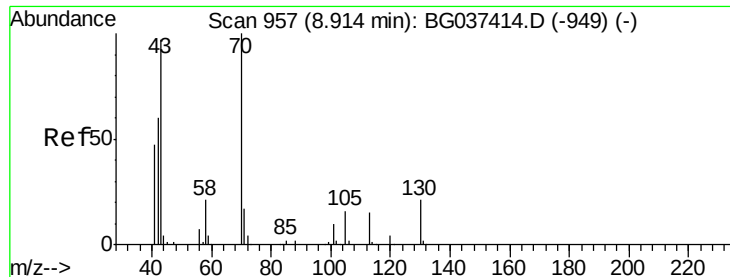
65 29.0 9.7 49.7

66 39.9 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

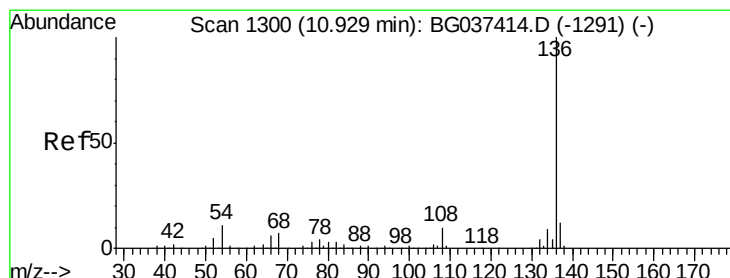
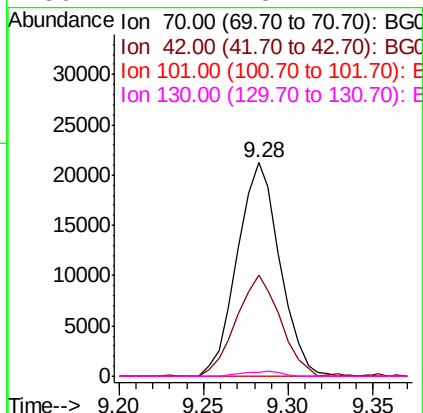
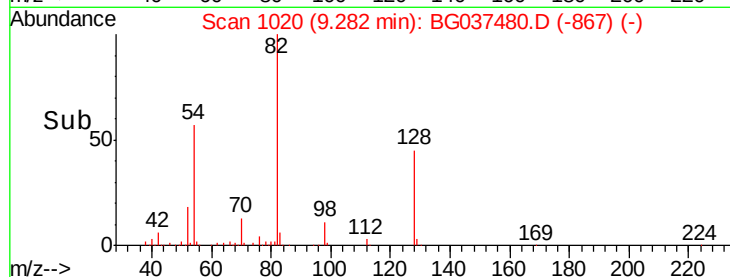
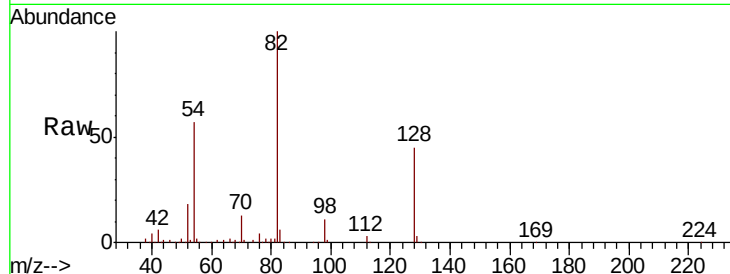




#19
n-Nitroso-di-n-propylamine
Concen: 8.728 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037480.D
Acq: 23 Oct 2018 17:31

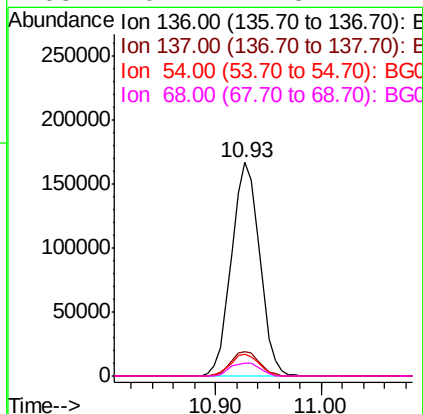
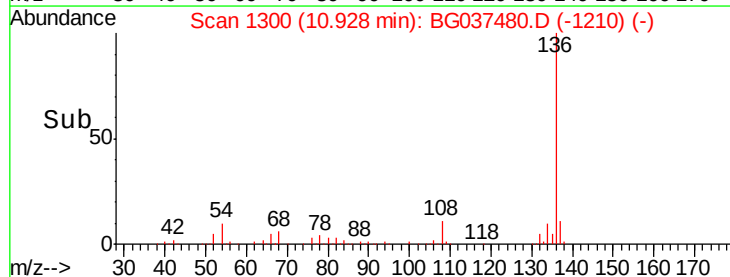
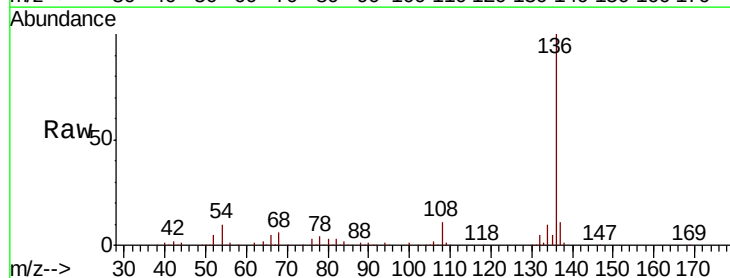
Instrument :
BNA_G
ClientSampleId :

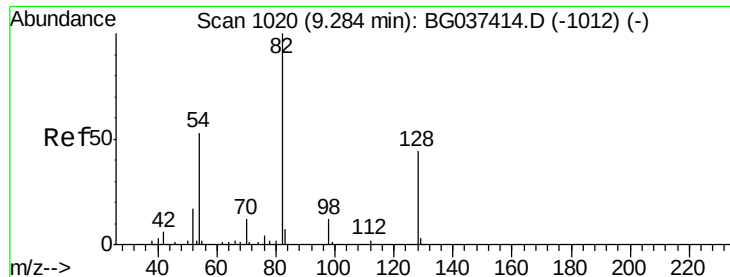
Tot Ion: 70 Resp: 37156
Ion Ratio Lower Upper
70 100
42 47.3 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037480.D
Acq: 23 Oct 2018 17:31

Tgt Ion:136 Resp: 305958
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 10.0 7.9 11.9
68 6.2 4.8 7.2

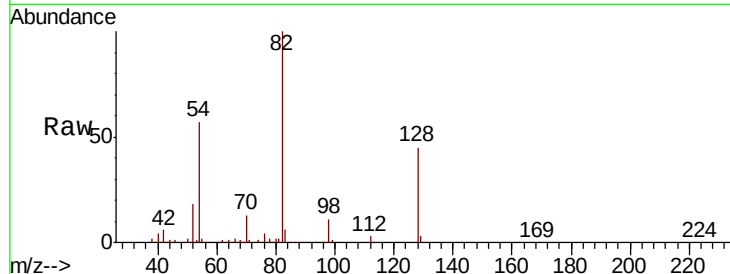




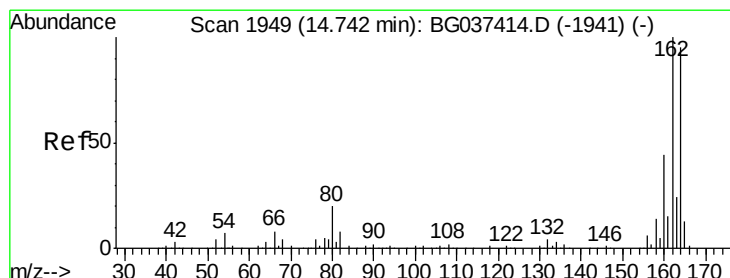
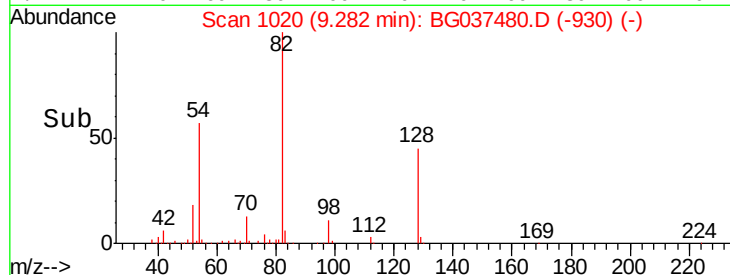
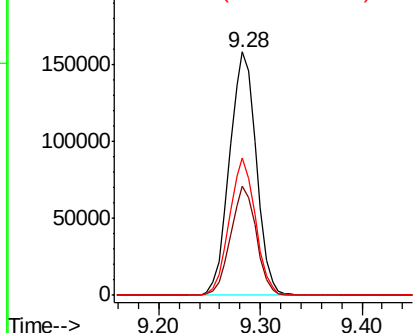
#23
 Nitrobenzene-d5
 Concen: 53.144 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037480.D
 Acq: 23 Oct 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	290254
Ion Ratio	Lower	Upper	
82	100		
128	45.0	34.6	51.8
54	56.5	45.3	67.9

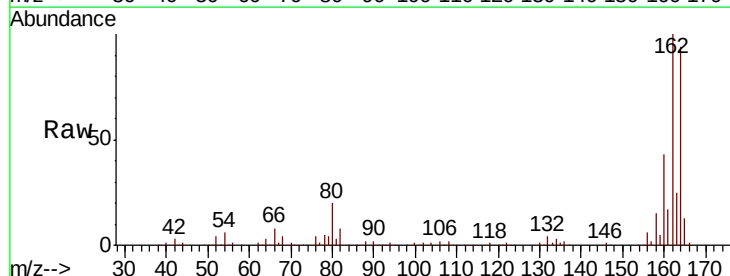


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

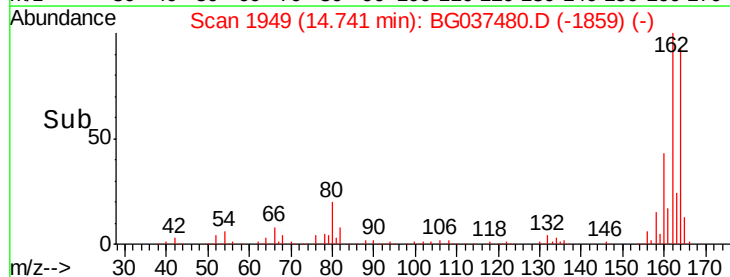
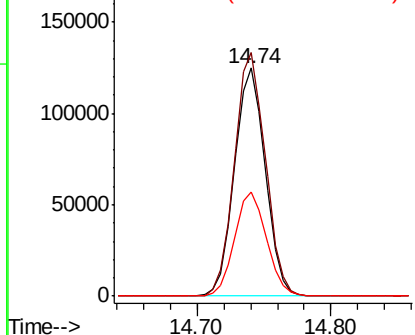


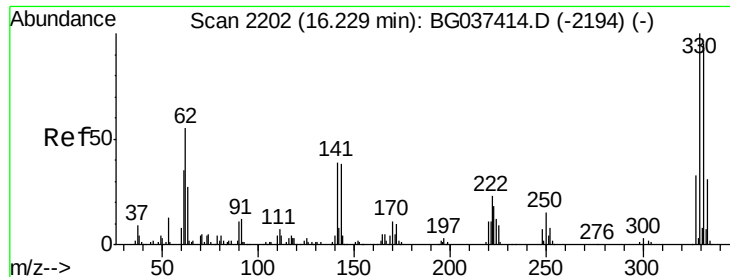
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037480.D
 Acq: 23 Oct 2018 17:31

Tgt Ion	164	Resp	199983
Ion Ratio	Lower	Upper	
164	100		
162	106.9	81.3	121.9
160	45.8	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 76.200 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037480.D

Acq: 23 Oct 2018 17:31

Instrument :

BNA_G

ClientSampleId :

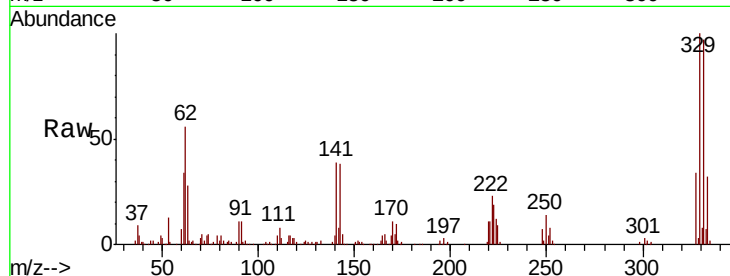
Tot Ion:330 Resp: 166206

Ion Ratio Lower Upper

330 100

332 96.9 78.4 117.6

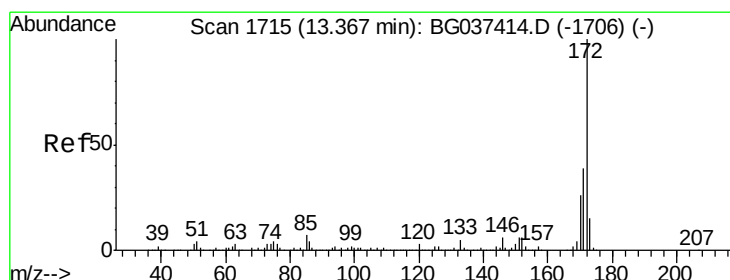
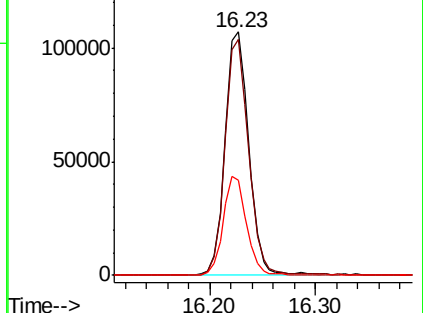
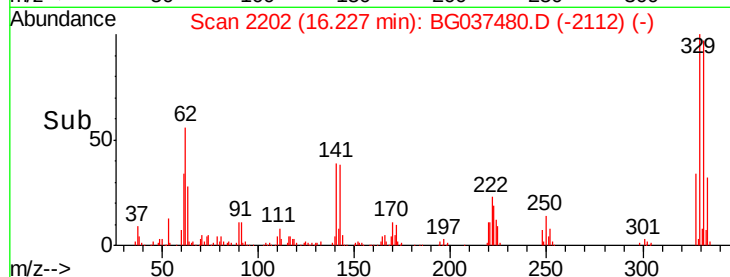
141 39.9 32.2 48.2



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: 51.744 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037480.D

Acq: 23 Oct 2018 17:31

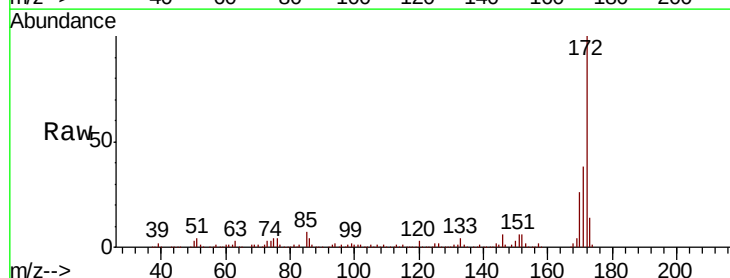
Tgt Ion:172 Resp: 686228

Ion Ratio Lower Upper

172 100

171 38.3 31.0 46.4

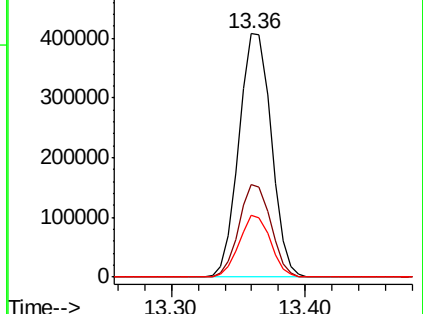
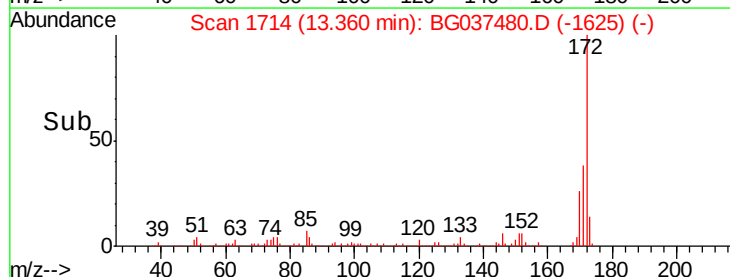
170 25.6 20.2 30.2

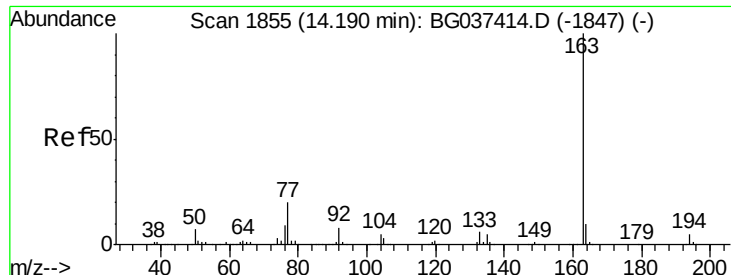


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.521 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037480.D

Acq: 23 Oct 2018 17:31

Instrument :

BNA_G

ClientSampleId :

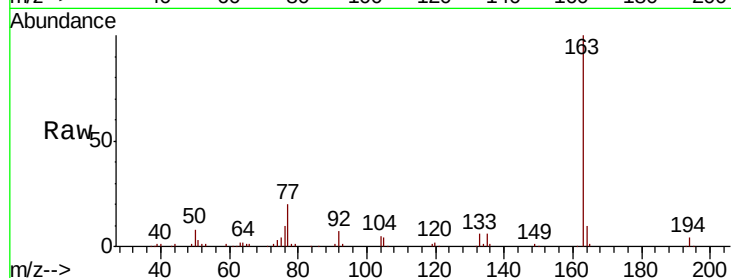
Tot Ion:163 Resp: 116363

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

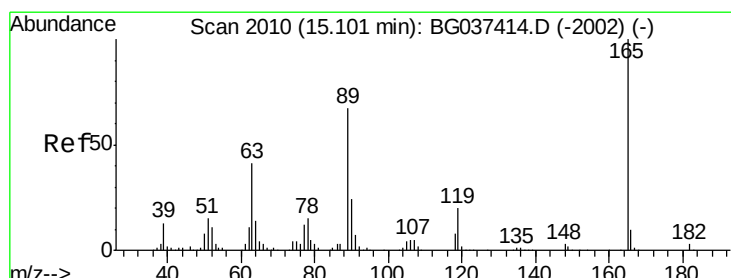
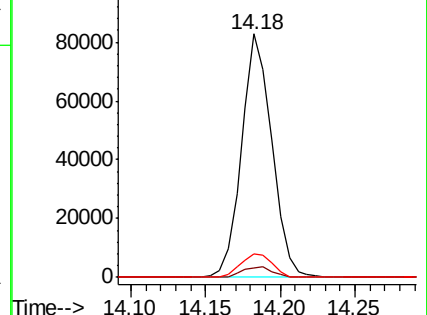
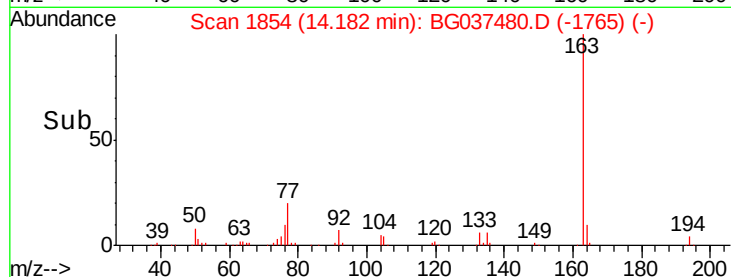
164 9.8 8.5 12.7



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: 5.968 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.36 min

Lab File: BG037480.D

Acq: 23 Oct 2018 17:31

Tgt Ion:165 Resp: 26811

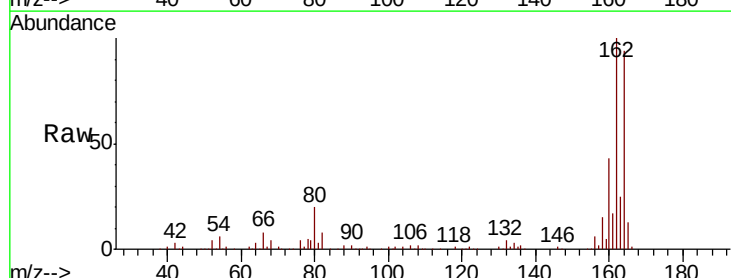
Ion Ratio Lower Upper

165 100

63 1.5 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

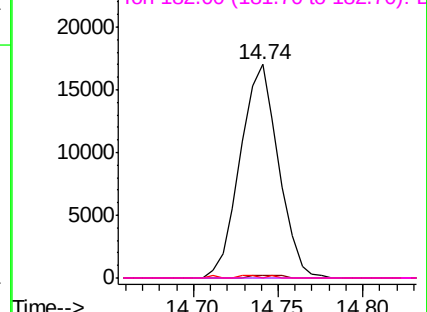
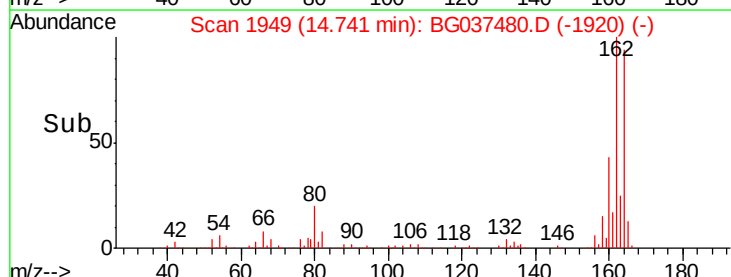


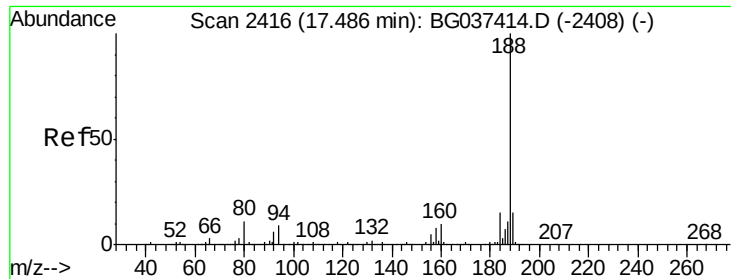
Abundance Ion 165.00 (164.70 to 165.70): E

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

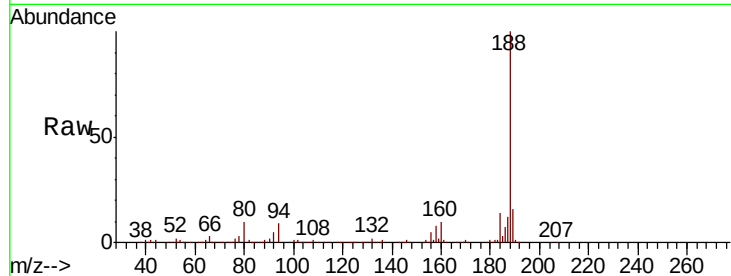




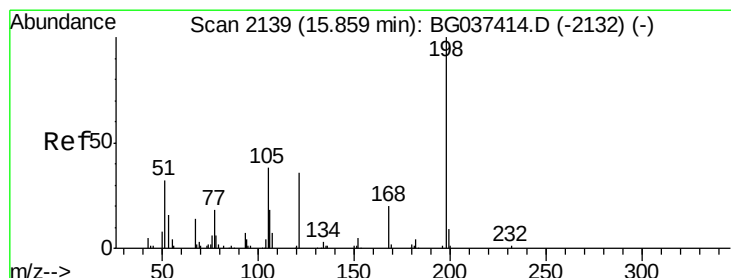
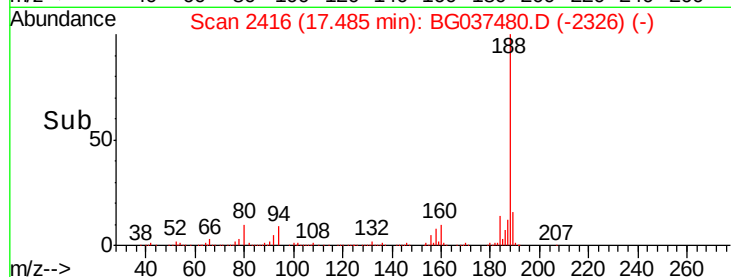
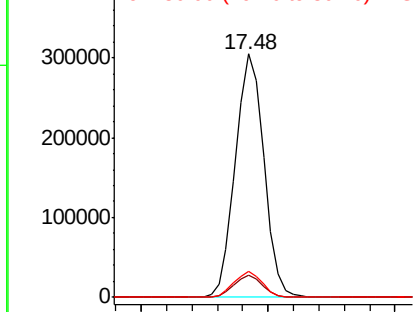
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037480.D
Acq: 23 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 476360
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.4 7.7 11.5

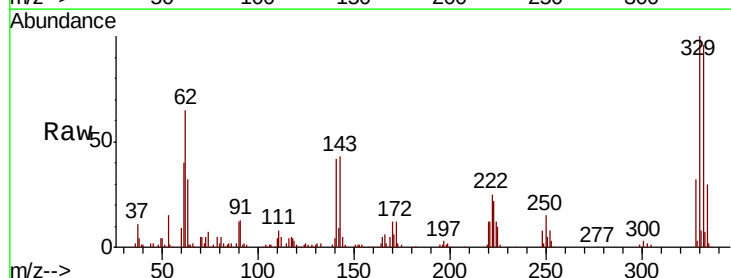


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

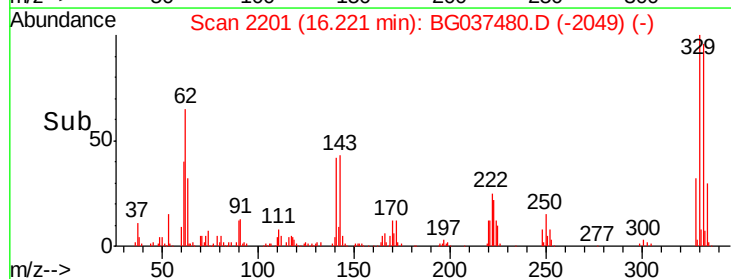
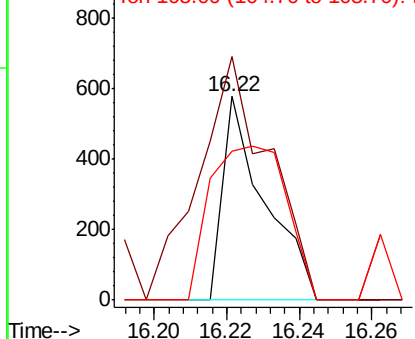


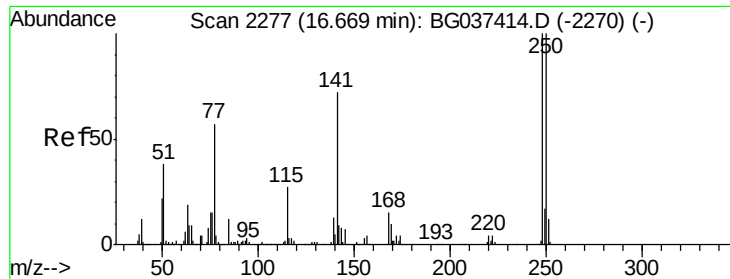
#65
4,6-Dinitro-2-methylphenol
Concen: 8.660 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037480.D
Acq: 23 Oct 2018 17:31

Tgt Ion:198 Resp: 462
Ion Ratio Lower Upper
198 100
51 30.2 22.7 62.7
105 18.5 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

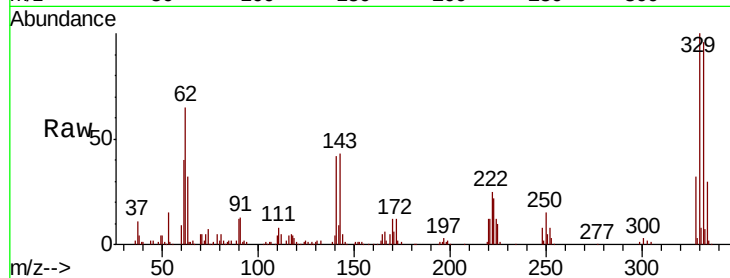




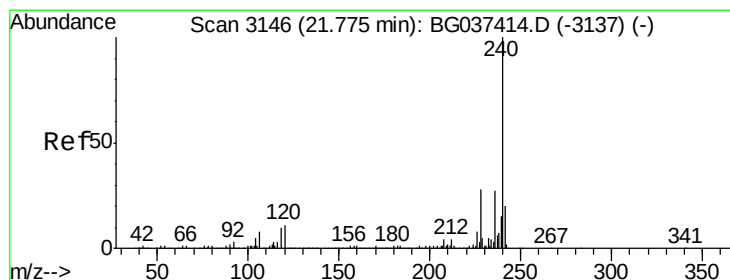
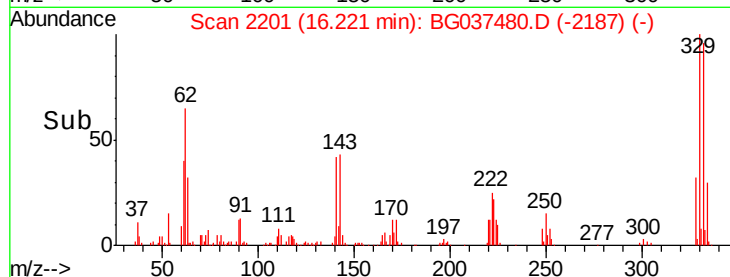
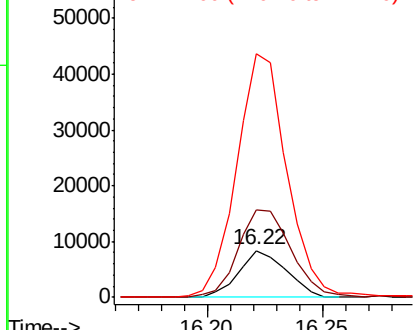
#67
4-Bromophenyl-phenylether
Concen: 2.289 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037480.D
Acq: 23 Oct 2018 17:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 11976
Ion Ratio Lower Upper
248 100
250 187.3 77.0 115.6#
141 399.6 55.5 83.3#

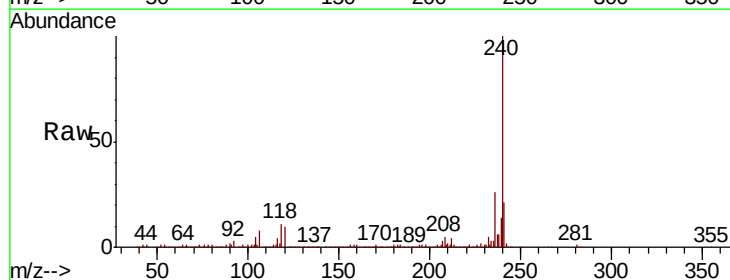


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

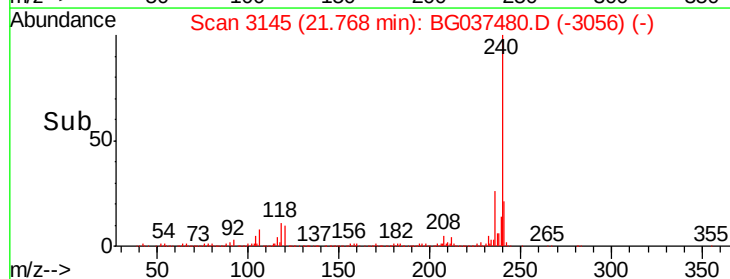
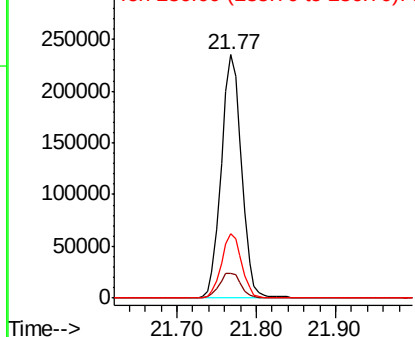


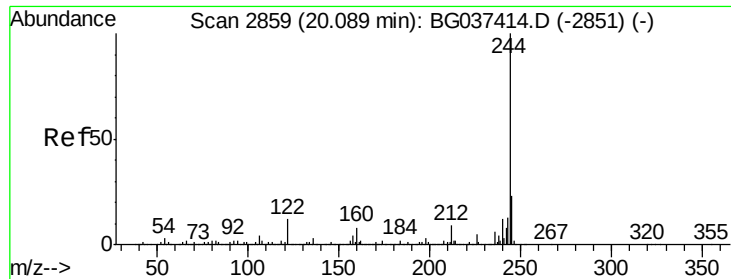
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037480.D
Acq: 23 Oct 2018 17:31

Tgt Ion:240 Resp: 417485
Ion Ratio Lower Upper
240 100
120 10.4 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: 49.231 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037480.D

Acq: 23 Oct 2018 17:31

Instrument :

BNA_G

ClientSampleId :

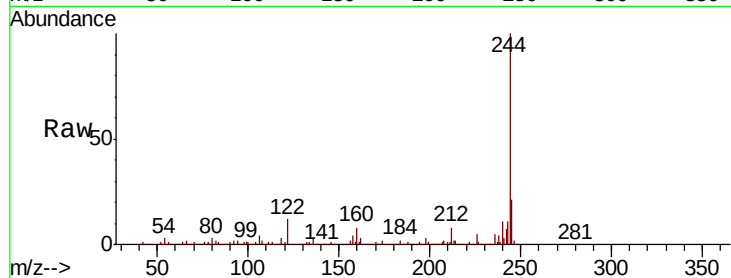
Tot Ion:244 Resp: 961877

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

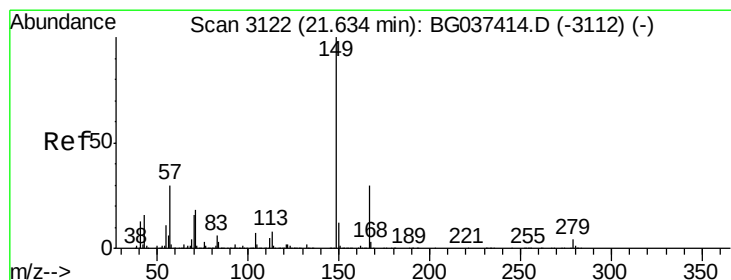
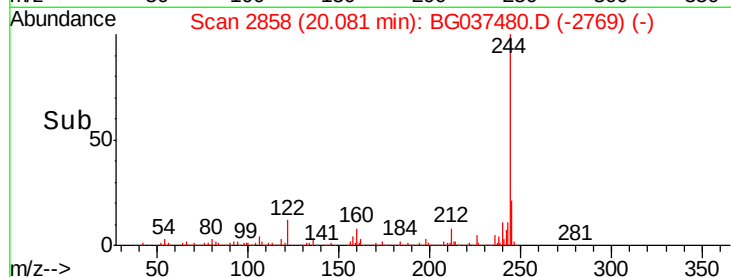
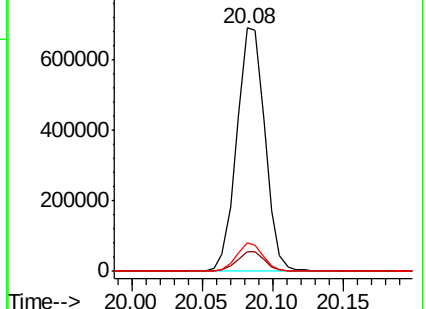
122 11.9 9.0 13.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.379 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG037480.D

Acq: 23 Oct 2018 17:31

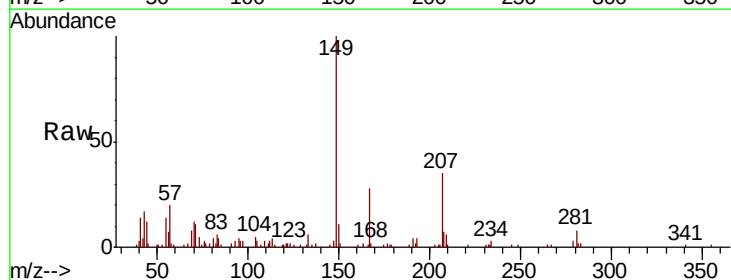
Tgt Ion:149 Resp: 52910

Ion Ratio Lower Upper

149 100

167 27.5 23.0 34.4

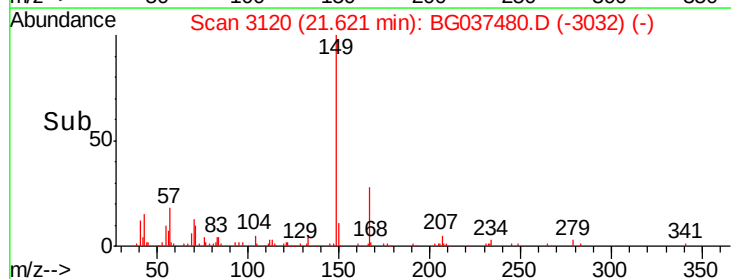
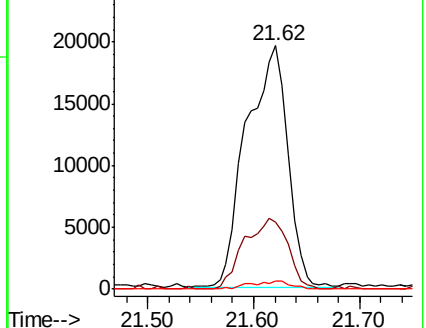
279 3.3 3.6 5.4#

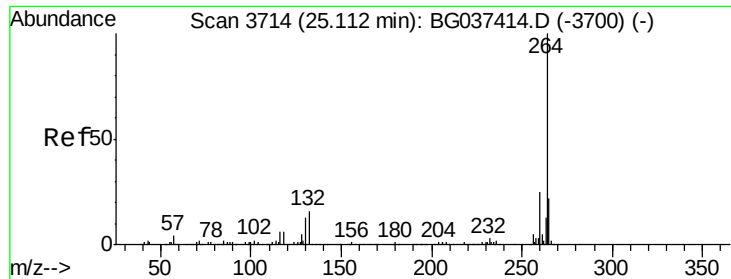


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

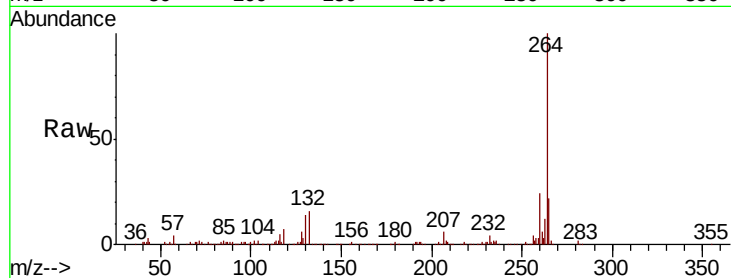




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037480.D
Acq: 23 Oct 2018 17:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	21.6	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

