

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037558.D
 Acq On : 25 Oct 2018 23:33
 Operator : JU/SJ
 Sample : J5661-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VB44949

Quant Time: Oct 26 08:07:28 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

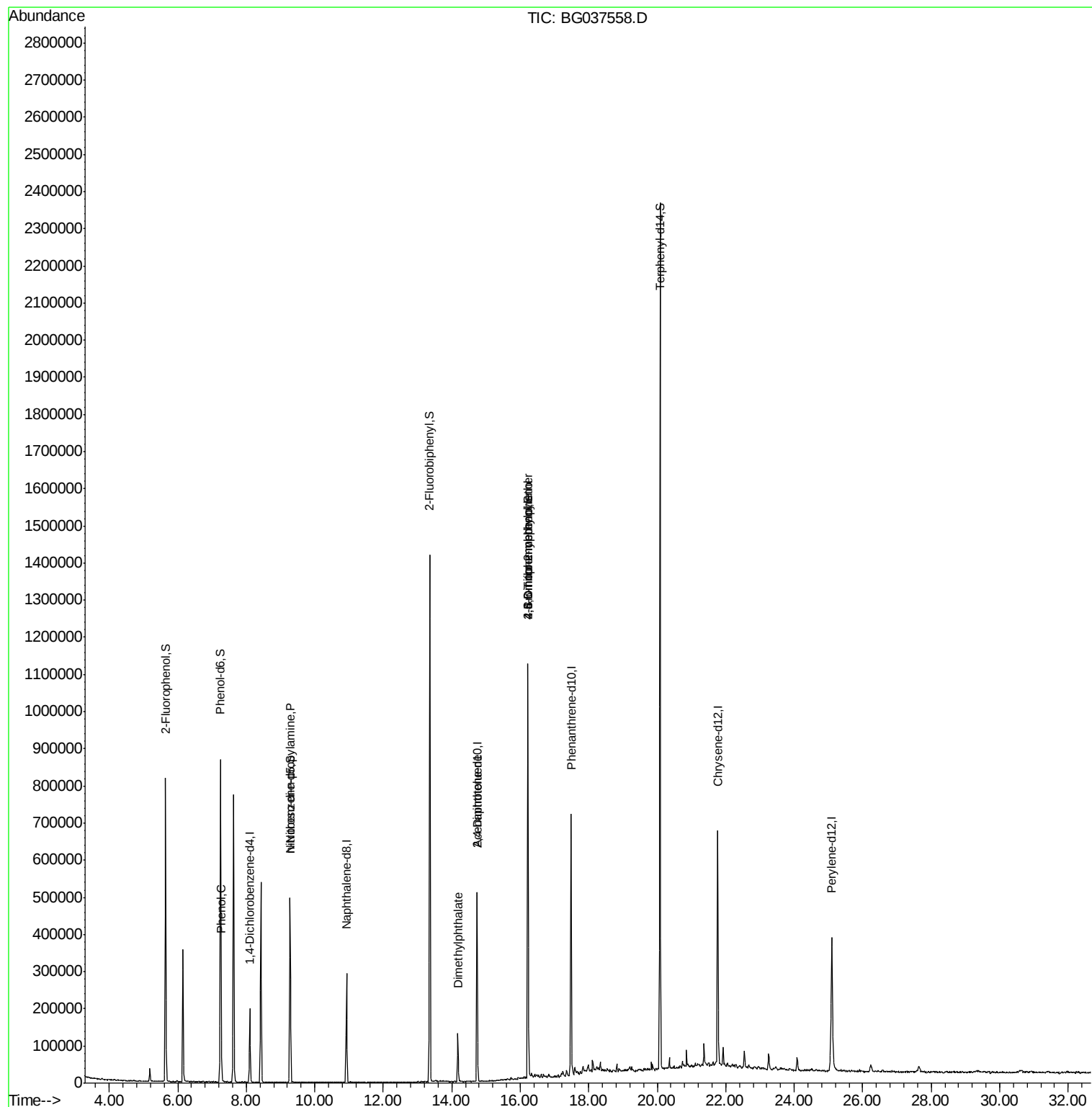
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59229	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	266265	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	187036	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	445627	20.00	ng	0.00
76) Chrysene-d12	21.77	240	398016	20.00	ng	0.00
87) Perylene-d12	25.10	264	406634	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	370441	104.56	ng	0.00
7) Phenol-d6	7.25	99	539138	100.64	ng	0.00
23) Nitrobenzene-d5	9.28	82	311632	65.56	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	203795	99.90	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	758381	61.14	ng	0.00
79) Terphenyl-d14	20.08	244	1130380	60.68	ng	0.00
Target Compounds						
10) Phenol	7.27	94	52019	9.203	ng	98
19) n-Nitroso-di-n-propylamine	9.28	70	38782	10.513	ng	# 72
50) Dimethylphthalate	14.18	163	88886	6.143	ng	99
57) 2,4-Dinitrotoluene	14.73	165	24337	5.792	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	586	8.714	ng	86
67) 4-Bromophenyl-phenylether	16.22	248	15051	3.076	ng	# 1

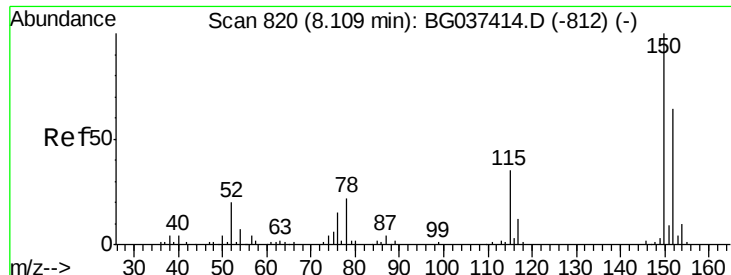
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037558.D

Acq: 25 Oct 2018 23:33

Instrument :

BNA_G

ClientSampleId :

VB44949

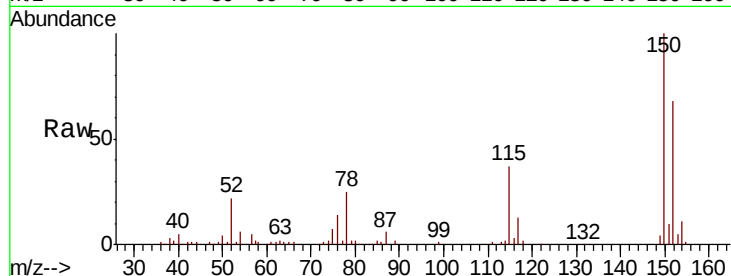
Tot Ion:152 Resp: 59229

Ion Ratio Lower Upper

152 100

150 147.4 126.0 189.0

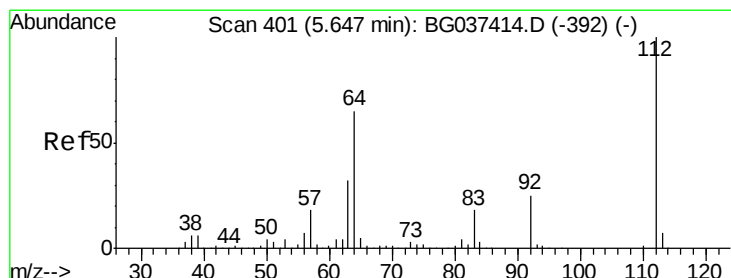
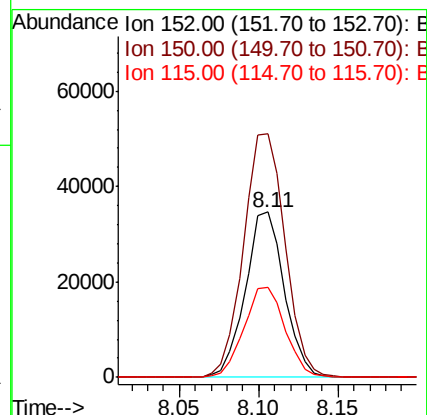
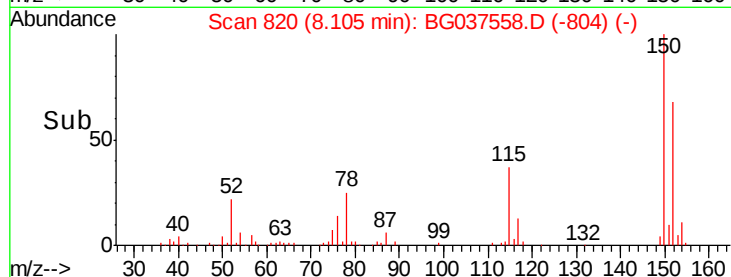
115 54.5 45.5 68.3



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: 104.564 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

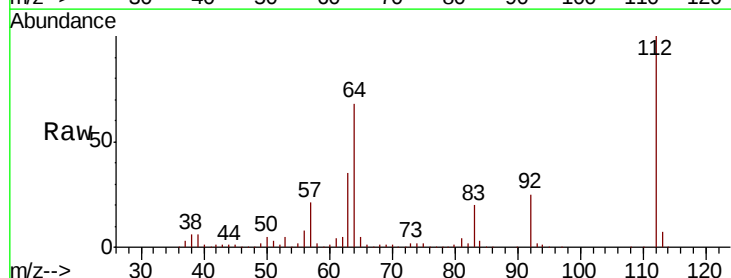
Tgt Ion:112 Resp: 370441

Ion Ratio Lower Upper

112 100

64 67.8 53.1 79.7

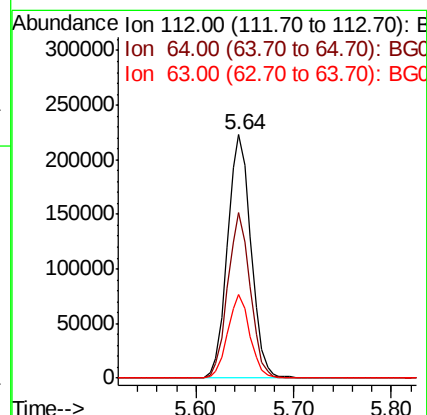
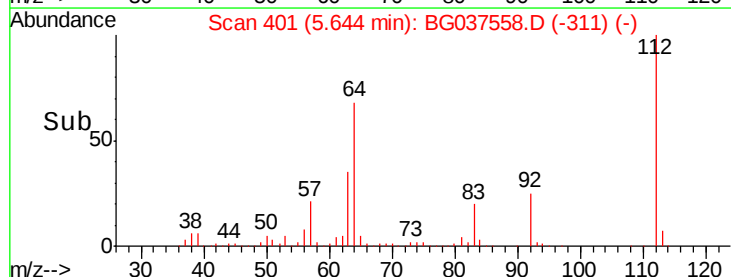
63 34.6 27.3 40.9

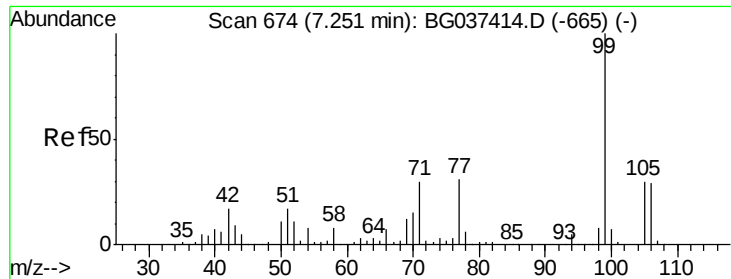


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.641 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

Instrument :

BNA_G

ClientSampleId :

VB44949

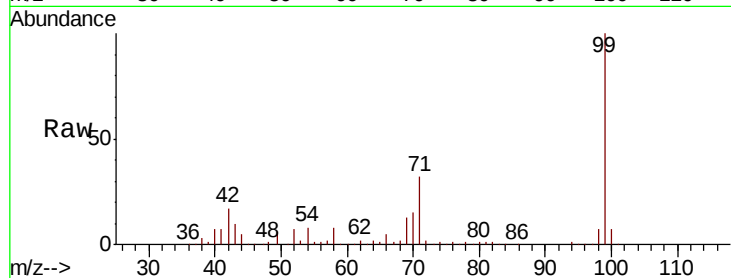
Tot Ion: 99 Resp: 539138

Ion Ratio Lower Upper

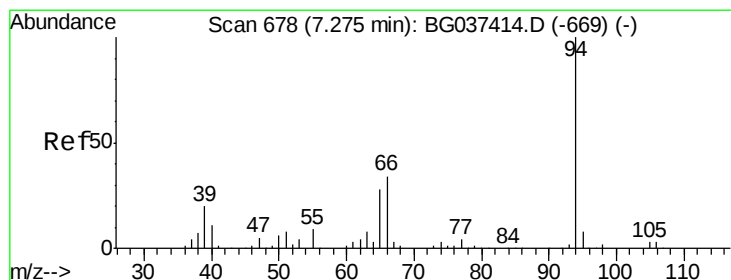
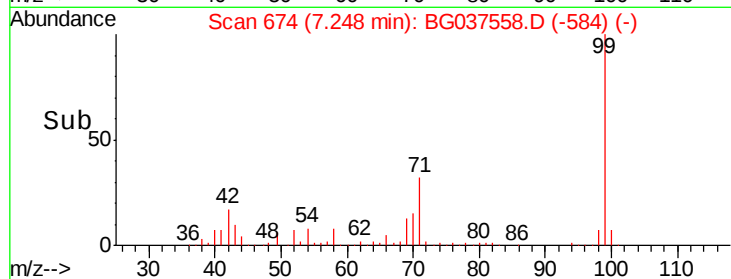
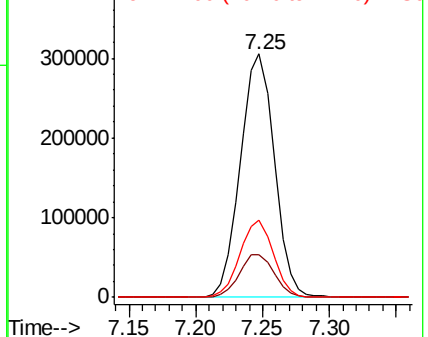
99 100

42 17.3 15.0 22.4

71 31.7 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: 9.203 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

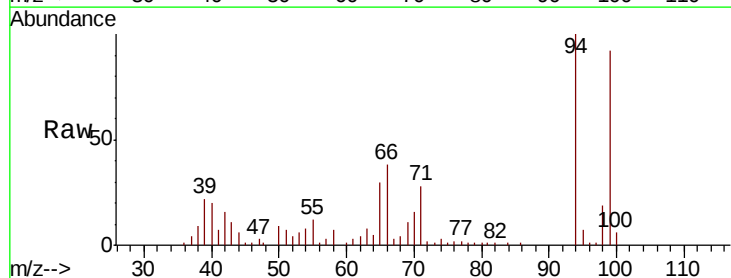
Tgt Ion: 94 Resp: 52019

Ion Ratio Lower Upper

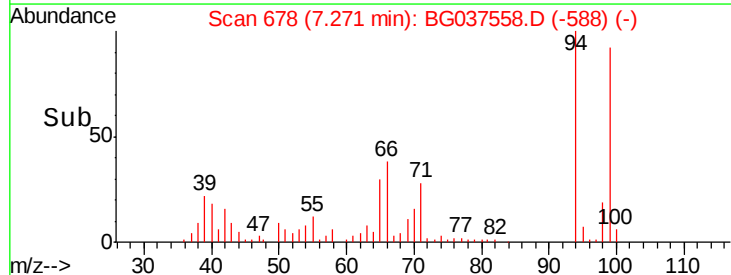
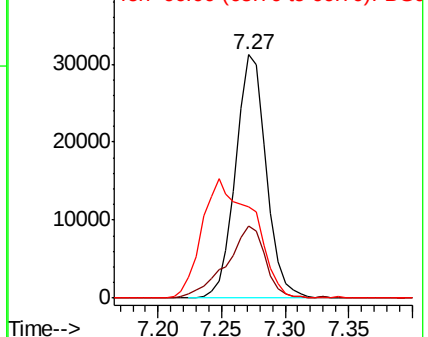
94 100

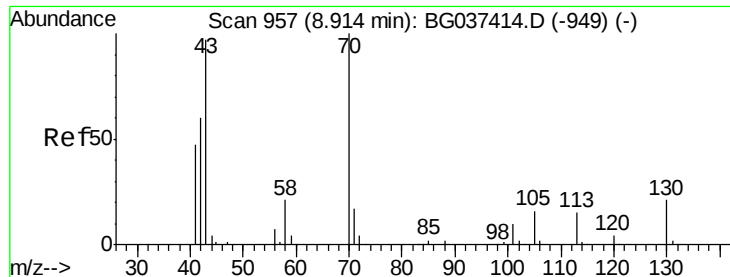
65 29.6 9.7 49.7

66 37.6 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

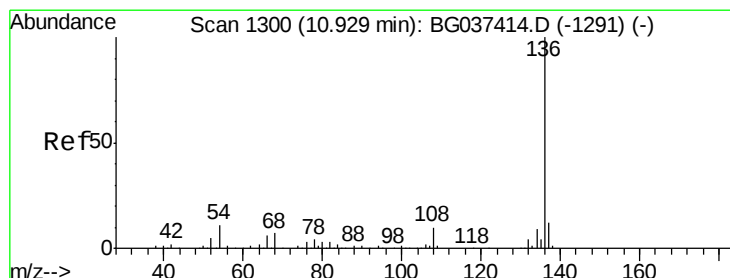
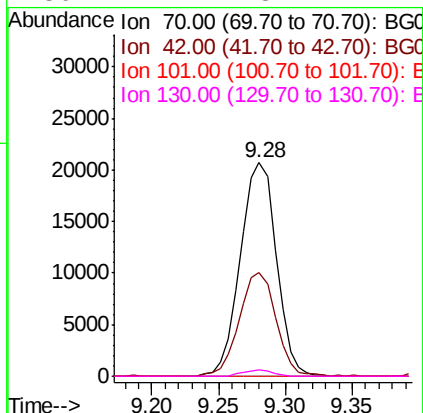
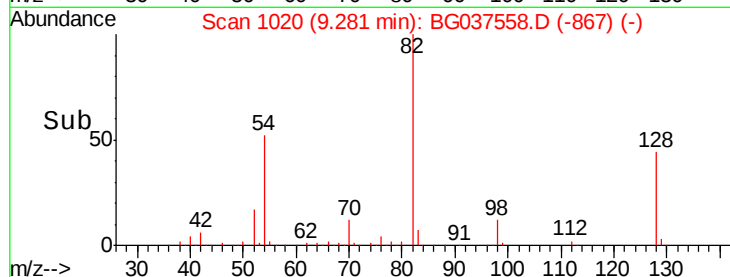
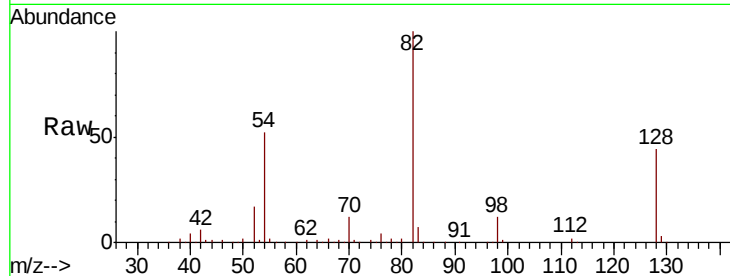




#19
n-Nitroso-di-n-propylamine
Concen: 10.513 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

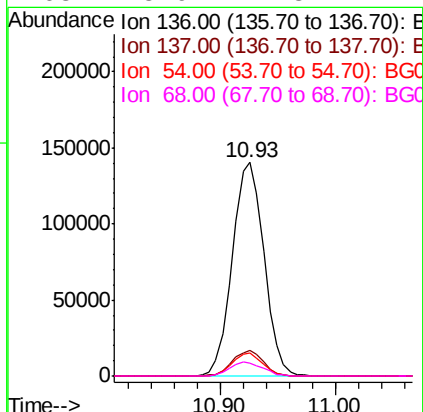
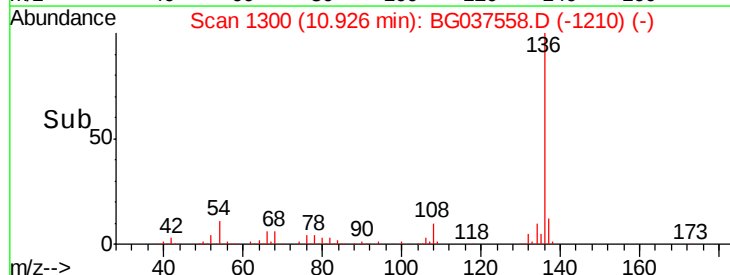
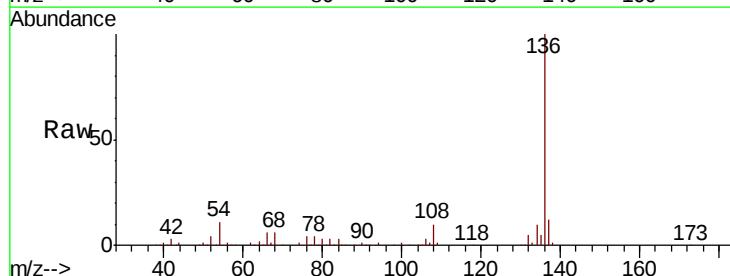
Instrument :
BNA_G
ClientSampleId :
VB44949

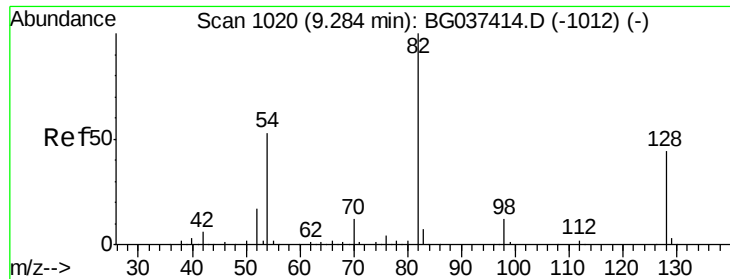
Tot Ion: 70 Resp: 38782
Ion Ratio Lower Upper
70 100
42 48.5 53.9 80.9#
101 0.0 8.2 12.2#
130 2.7 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Tgt Ion: 136 Resp: 266265
Ion Ratio Lower Upper
136 100
137 12.1 9.6 14.4
54 10.6 7.9 11.9
68 5.9 4.8 7.2

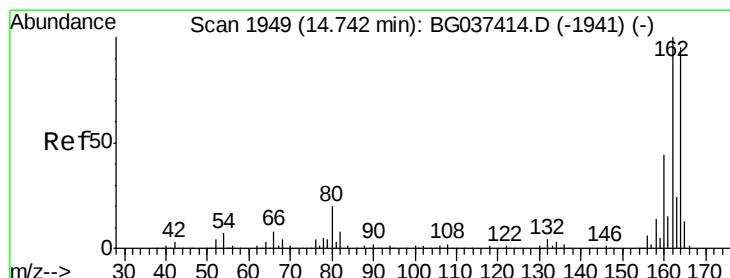
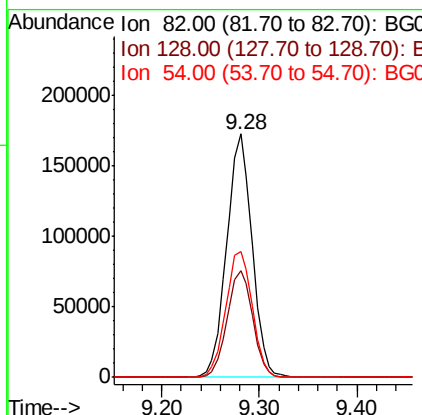
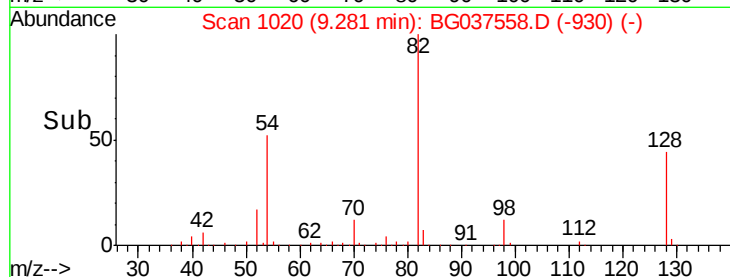
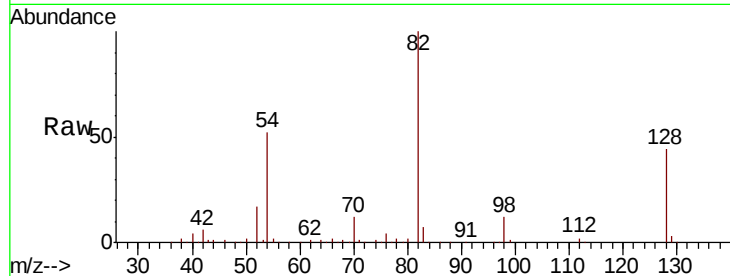




#23
 Nitrobenzene-d5
 Concen: 65.564 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037558.D
 Acq: 25 Oct 2018 23:33

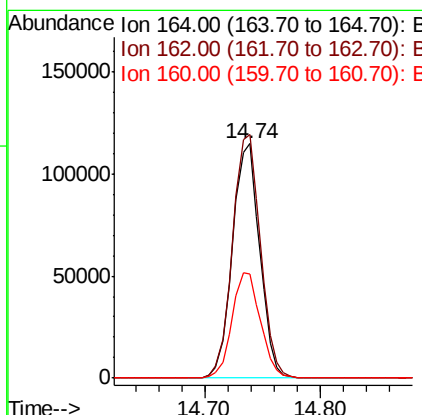
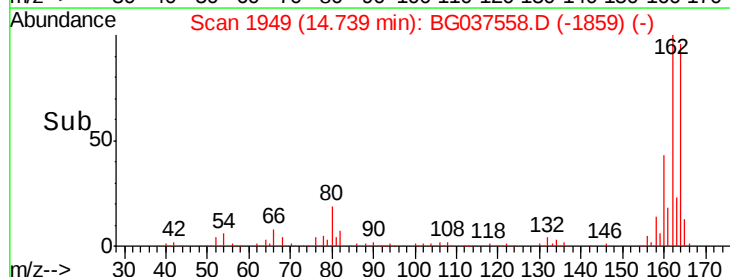
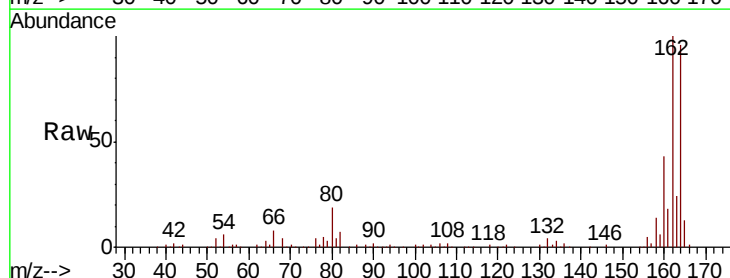
Instrument :
 BNA_G
 ClientSampleId :
 VB44949

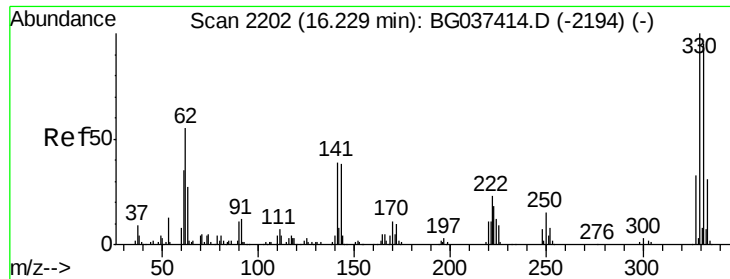
Tot Ion	82	Resp	311632
Ion Ratio	100	Lower	Upper
128	44.0	34.6	51.8
54	51.9	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037558.D
 Acq: 25 Oct 2018 23:33

Tgt Ion	164	Resp	187036
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.9	81.3	121.9
160	44.2	36.3	54.5

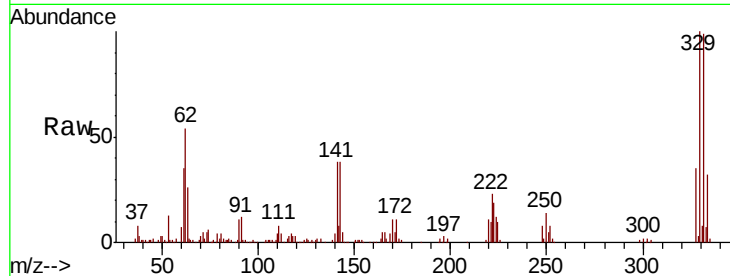




#42
 2,4,6-Tribromophenol
 Concen: 99.900 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037558.D
 Acq: 25 Oct 2018 23:33

Instrument :
 BNA_G
 ClientSampleId :
 VB44949

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.4	117.6
141	40.4	32.2	48.2

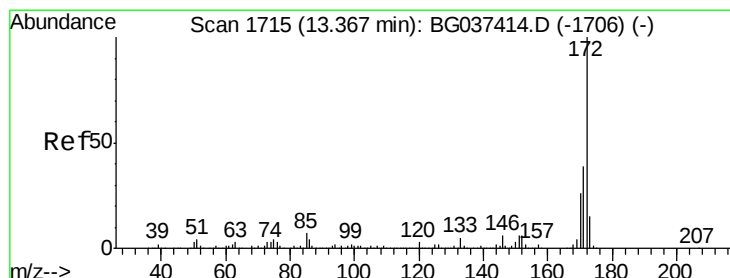
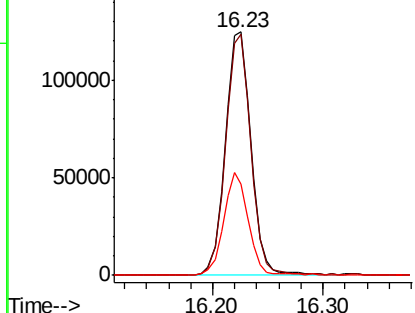
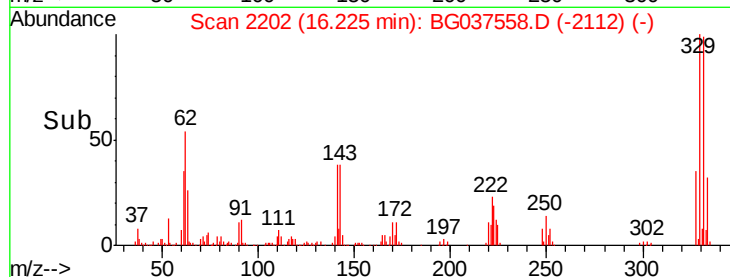


Abundance

Ion 329.80 (329.50 to 330.50): E

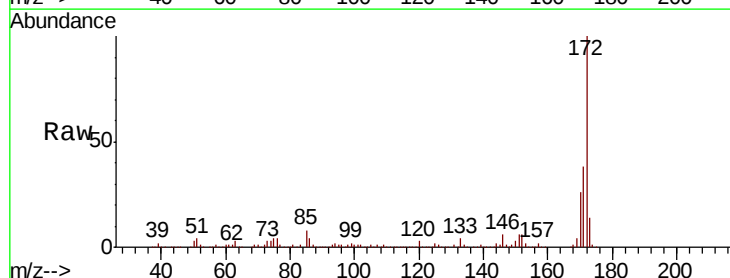
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.143 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037558.D
 Acq: 25 Oct 2018 23:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.6	20.2	30.2

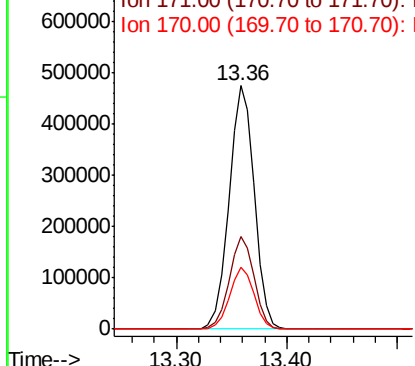
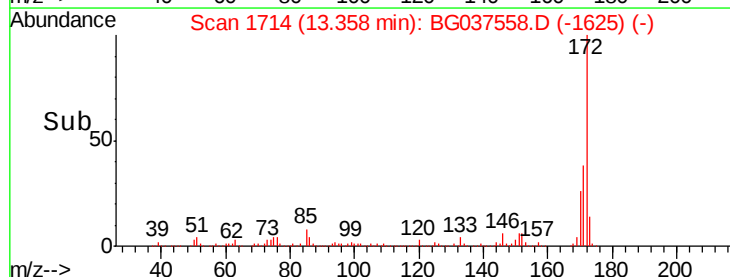


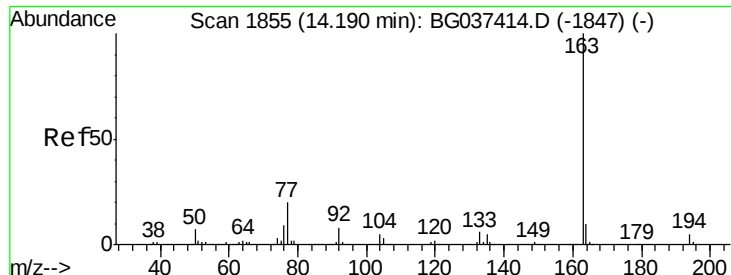
Abundance

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: 6.143 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

Instrument :

BNA_G

ClientSampleId :

VB44949

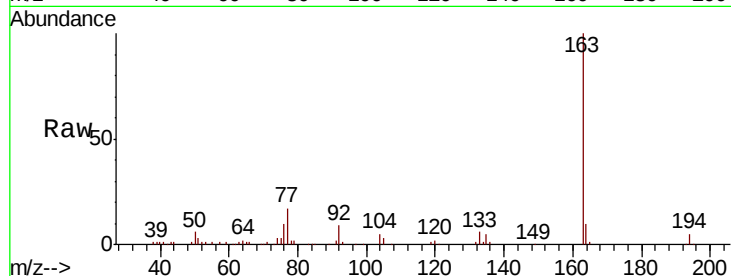
Tot Ion:163 Resp: 88886

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.2 8.5 12.7

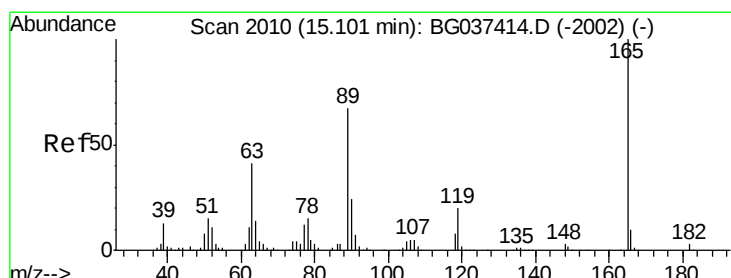
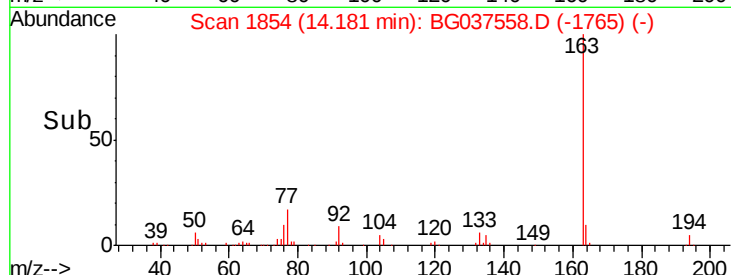
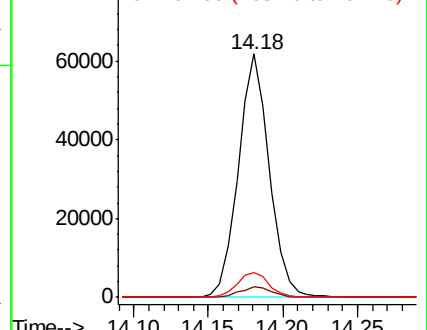


Abundance

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: 5.792 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

Tgt Ion:165 Resp: 24337

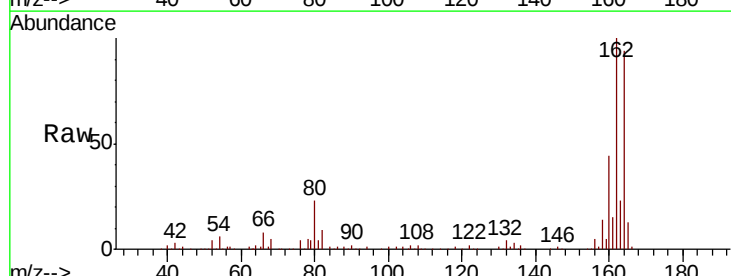
Ion Ratio Lower Upper

165 100

63 2.4 33.4 50.0#

89 1.2 57.2 85.8#

182 0.0 2.6 4.0#



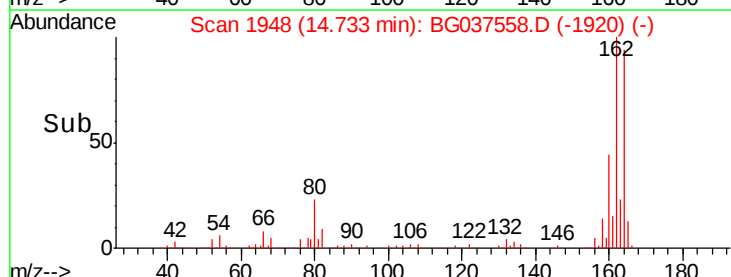
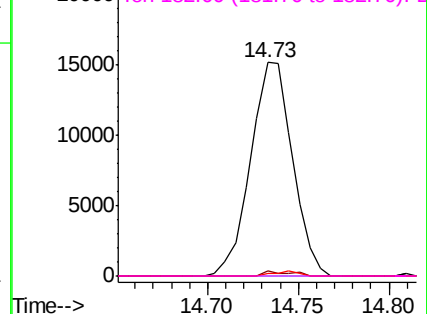
Abundance

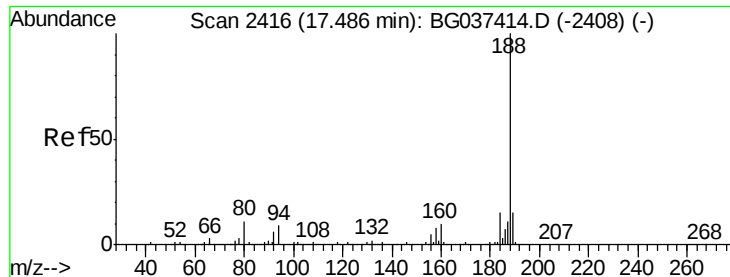
Ion 165.00 (164.70 to 165.70): E

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

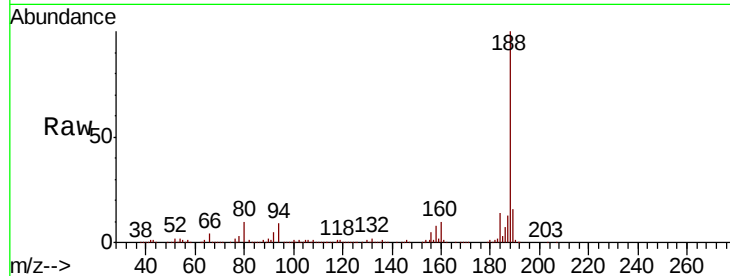




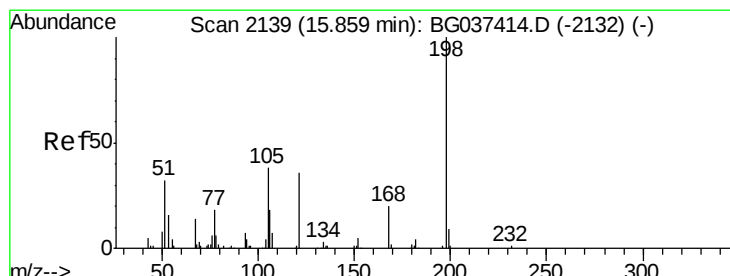
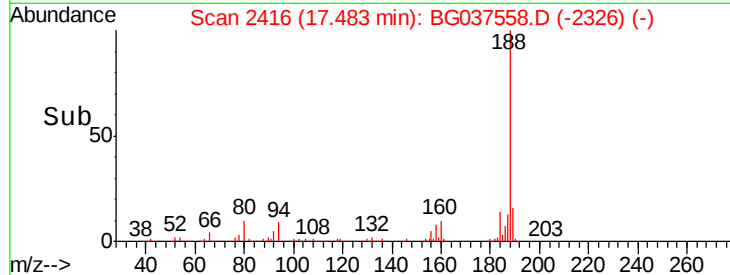
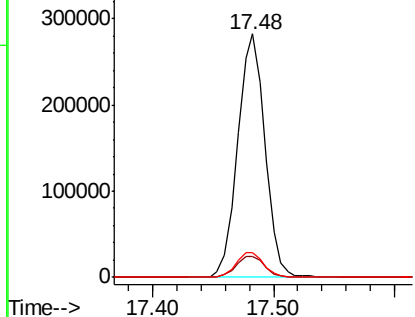
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Instrument :
BNA_G
ClientSampleId :
VB44949

Tot Ion:188 Resp: 445627
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 10.2 7.7 11.5

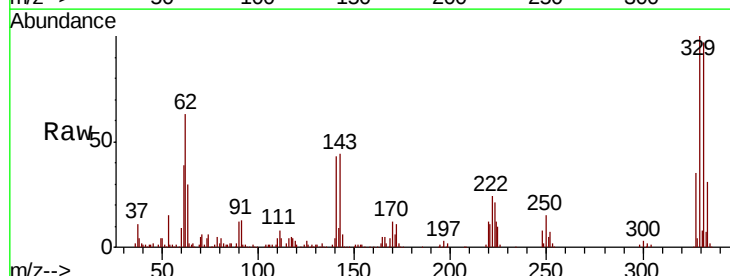


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

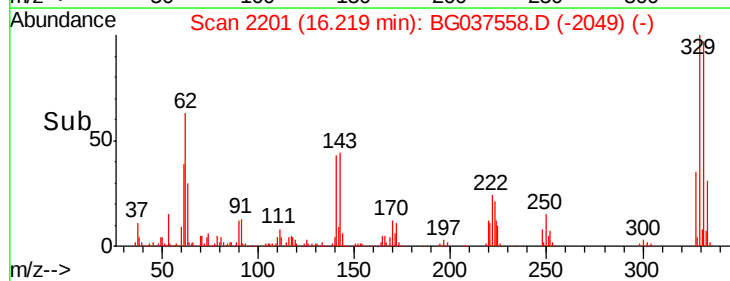
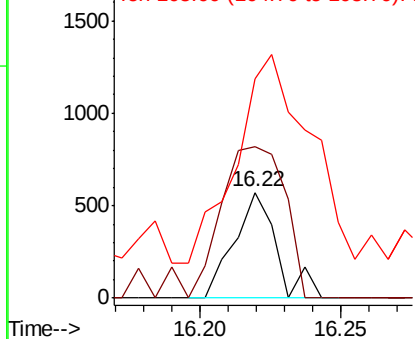


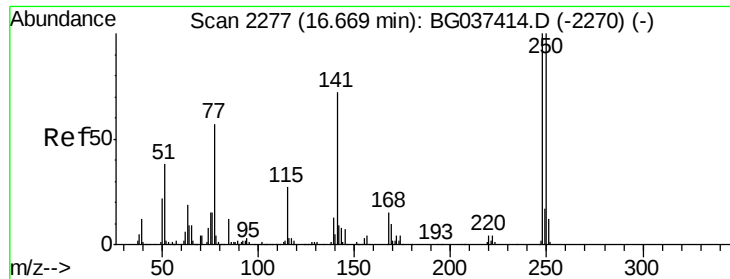
#65
4,6-Dinitro-2-methylphenol
Concen: 8.714 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037558.D
Acq: 25 Oct 2018 23:33

Tgt Ion:198 Resp: 586
Ion Ratio Lower Upper
198 100
51 31.1 22.7 62.7
105 45.0 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

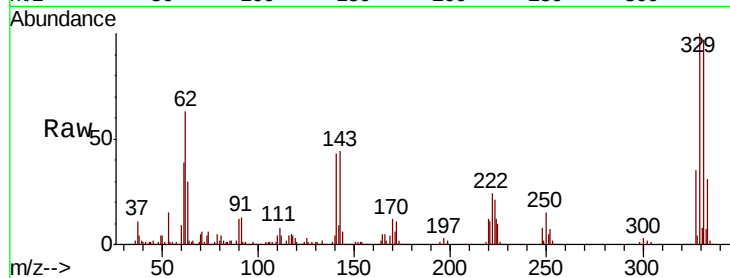




#67
 4-Bromophenyl-phenylether
 Concen: 3.076 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037558.D
 Acq: 25 Oct 2018 23:33

Instrument :
 BNA_G
 ClientSampleId :
 VB44949

Tot Ion	Ratio	Lower	Upper
248	100		
250	194.8	77.0	115.6#
141	429.5	55.5	83.3#

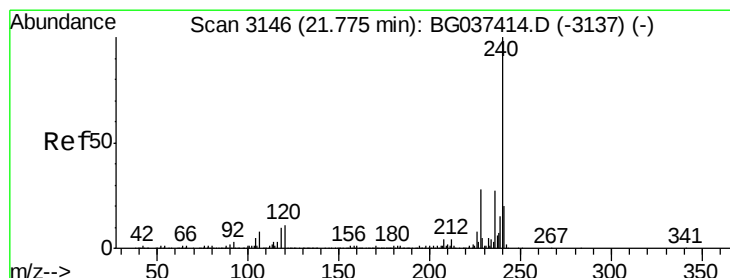
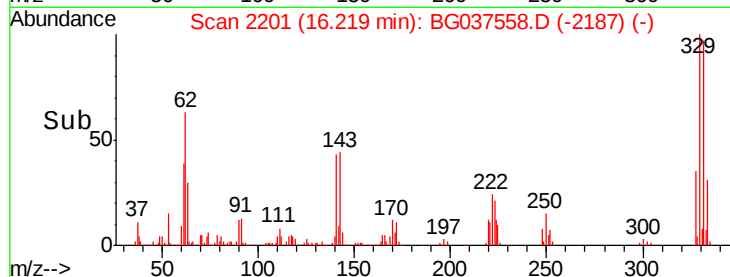
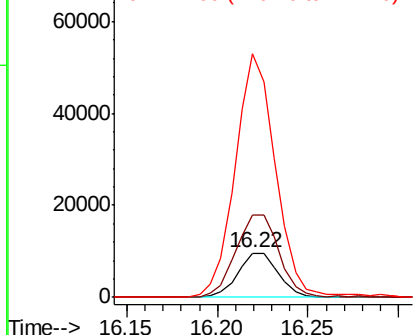


Abundance

Ion 248.00 (247.70 to 248.70): E

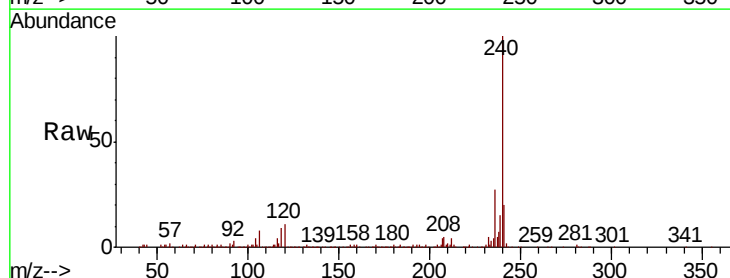
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037558.D
 Acq: 25 Oct 2018 23:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.1	12.1
236	26.9	21.4	32.0

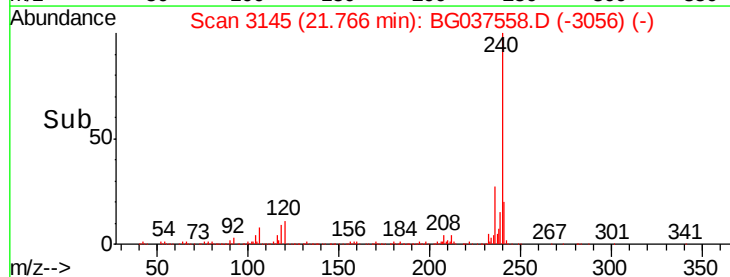
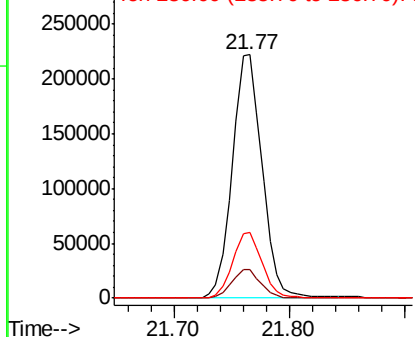


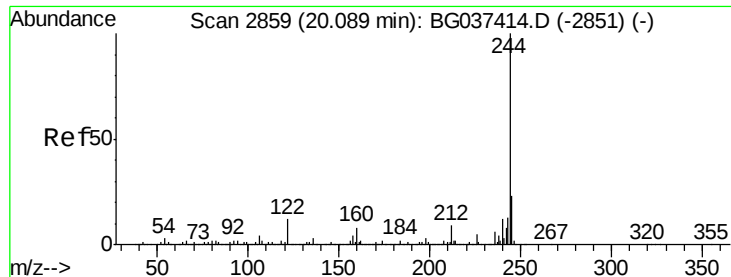
Abundance

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: 60.685 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

Instrument :

BNA_G

ClientSampleId :

VB44949

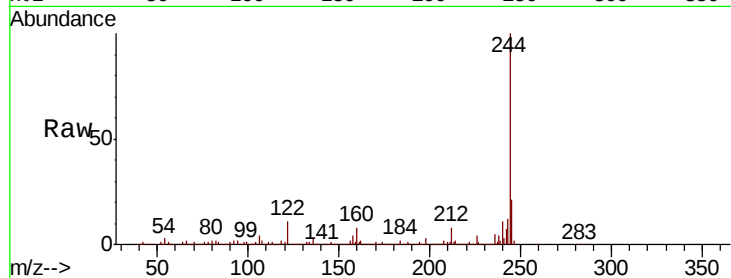
Tot Ion:244 Resp: 1130380

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

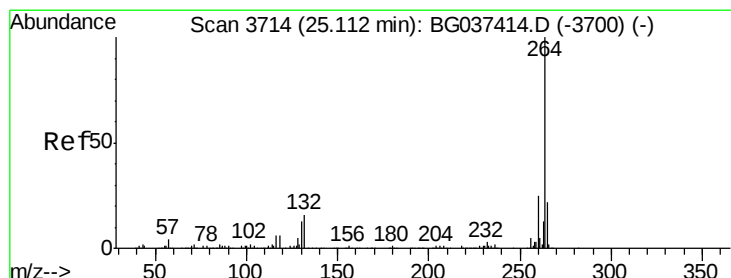
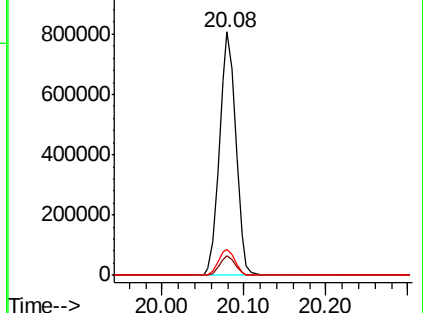
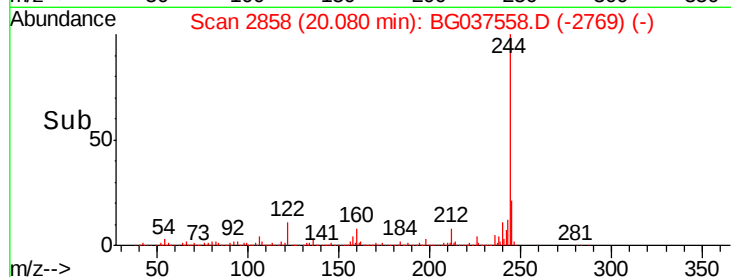
122 10.8 9.0 13.4



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. -0.02 min

Lab File: BG037558.D

Acq: 25 Oct 2018 23:33

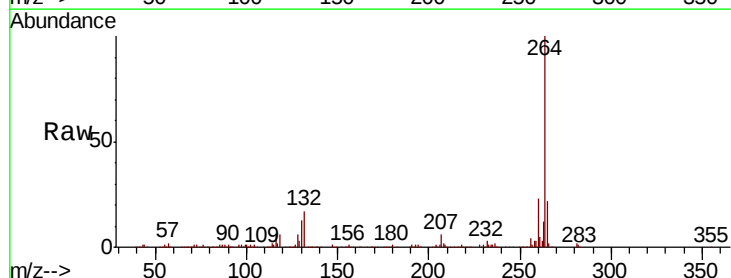
Tgt Ion:264 Resp: 406634

Ion Ratio Lower Upper

264 100

260 23.3 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

