

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037565.D
 Acq On : 26 Oct 2018 4:46
 Operator : JU/SJ
 Sample : J5649-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Quant Time: Oct 26 08:09:04 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

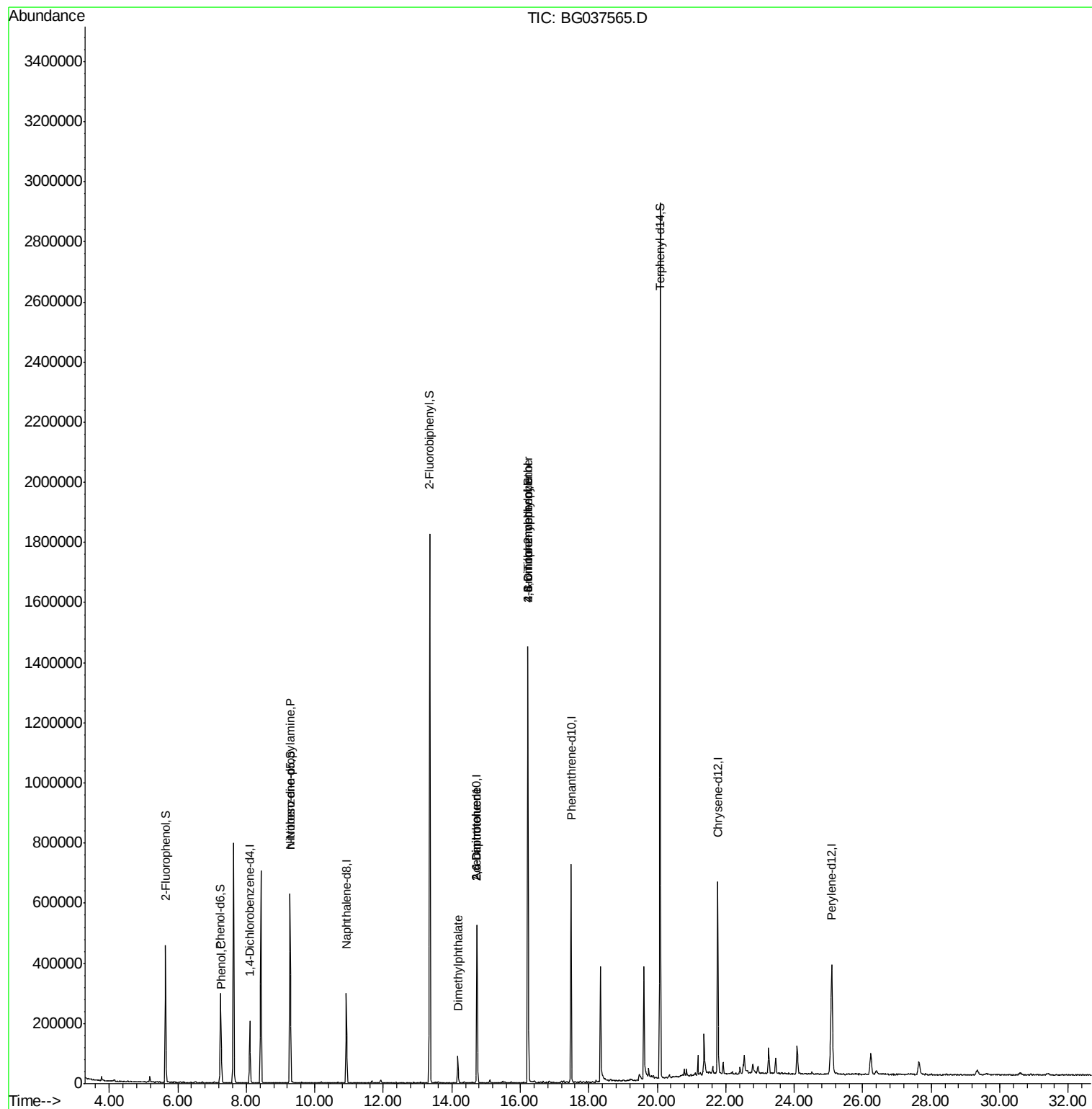
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61387	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	274717	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	190268	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	447478	20.00	ng	0.00
76) Chrysene-d12	21.77	240	401985	20.00	ng	0.00
87) Perylene-d12	25.10	264	400337	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	209090	56.94	ng	0.00
7) Phenol-d6	7.24	99	190709	34.35	ng	0.00
23) Nitrobenzene-d5	9.28	82	399735	81.51	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	265089	127.74	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	977244	77.45	ng	0.00
79) Terphenyl-d14	20.08	244	1432902	76.17	ng	0.00
Target Compounds						
10) Phenol	7.27	94	74401	12.700	ng	98
19) n-Nitroso-di-n-propylamine	9.28	70	50431	13.190	ng	# 74
50) Dimethylphthalate	14.18	163	65605	4.457	ng	98
51) 2,6-Dinitrotoluene	14.73	165	24330	7.472	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	24330	5.692	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	1058	8.878	ng	77
67) 4-Bromophenyl-phenylether	16.22	248	18894	3.845	ng	# 1

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

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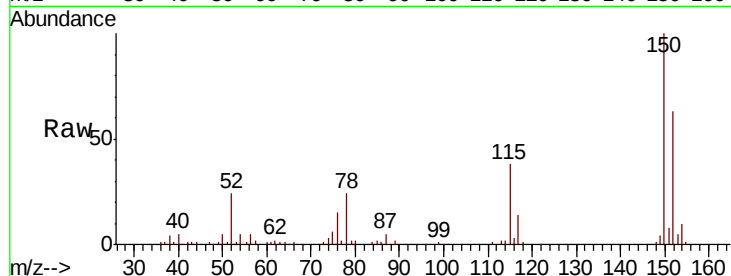


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.0	189.0
115	59.7	45.5	68.3

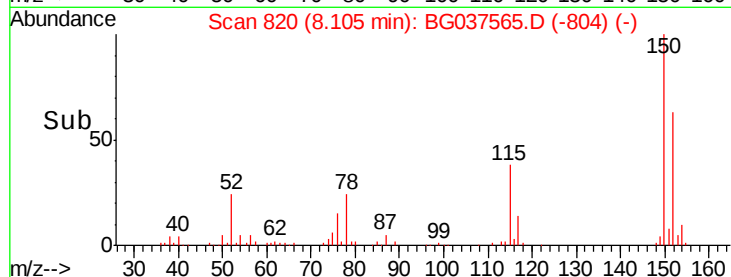
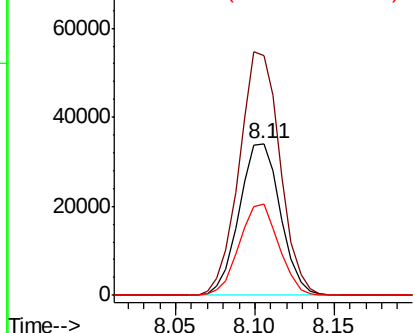


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

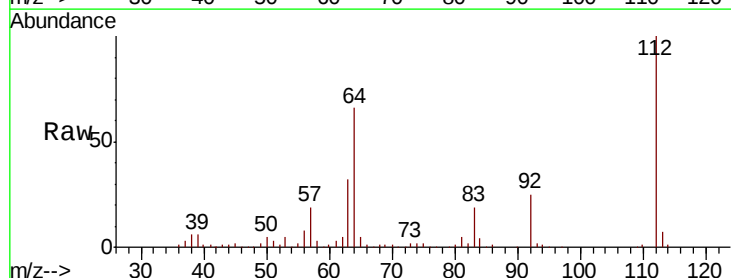
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.945 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	31.9	27.3	40.9

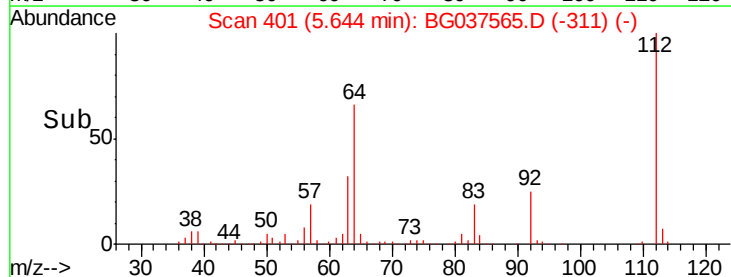
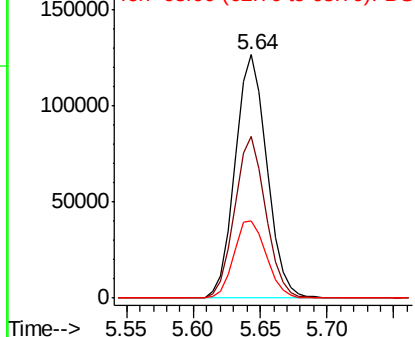


Abundance

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: 34.348 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037565.D

Acq: 26 Oct 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TWP-01

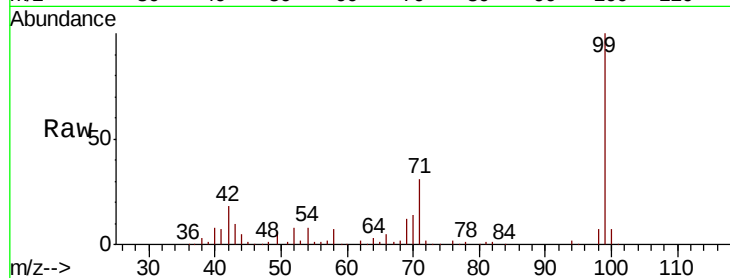
Tot Ion: 99 Resp: 190709

Ion Ratio Lower Upper

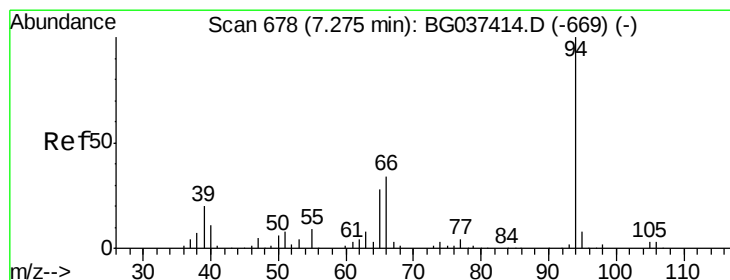
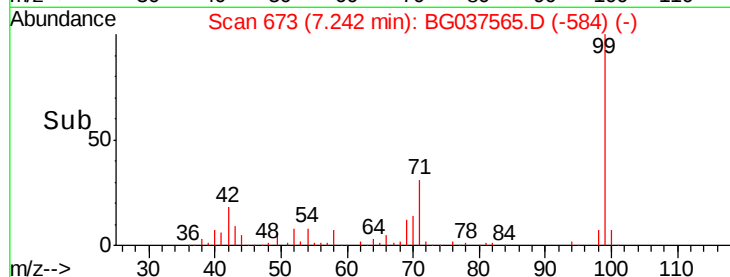
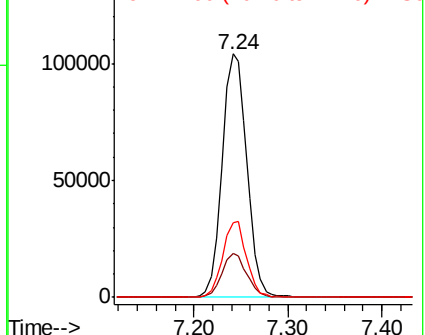
99 100

42 17.9 15.0 22.4

71 30.7 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: 12.700 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037565.D

Acq: 26 Oct 2018 4:46

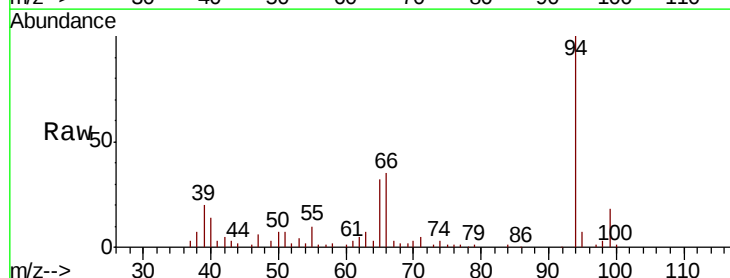
Tgt Ion: 94 Resp: 74401

Ion Ratio Lower Upper

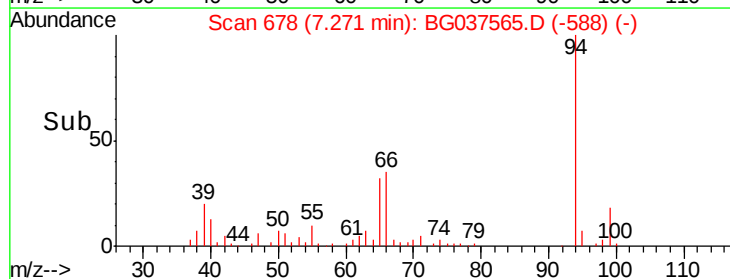
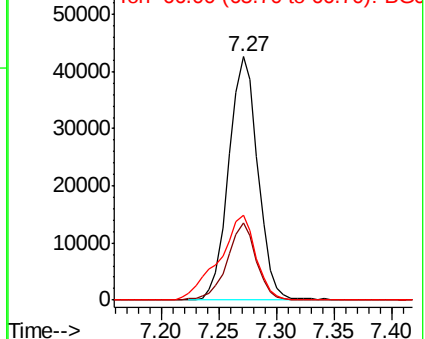
94 100

65 31.6 9.7 49.7

66 35.0 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

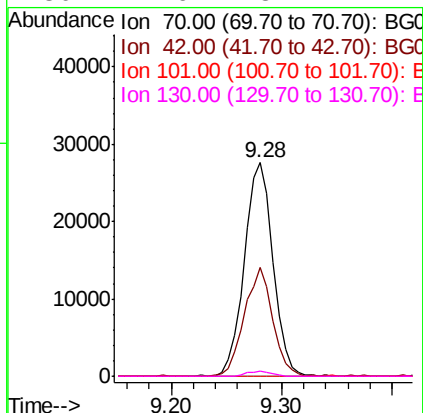
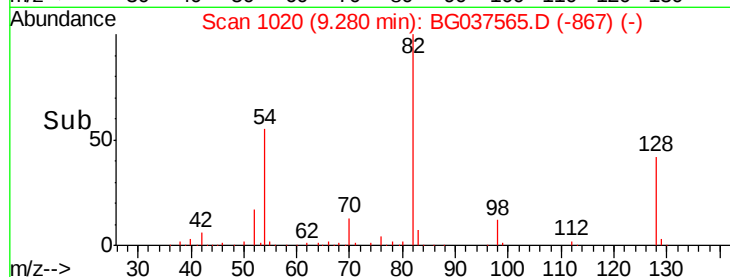
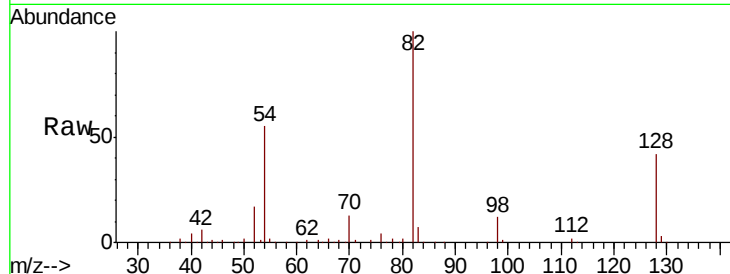




#19
n-Nitroso-di-n-propylamine
Concen: 13.190 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

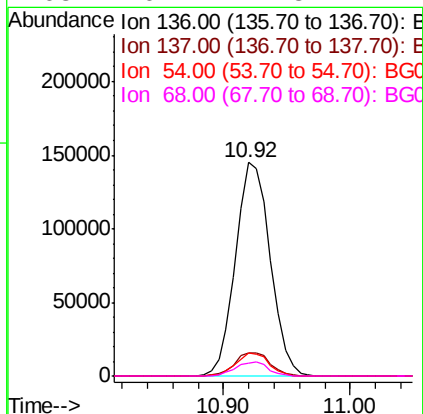
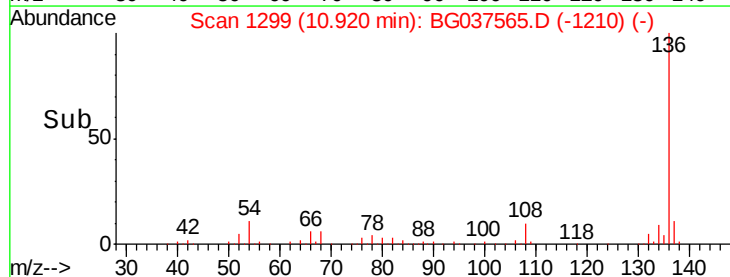
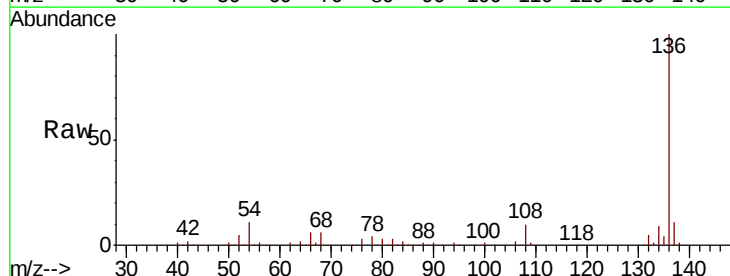
Instrument :
BNA_G
ClientSampleId :
TWP-01

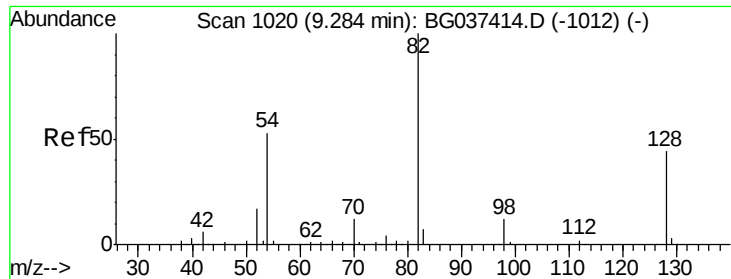
Tot Ion: 70 Resp: 50431
Ion Ratio Lower Upper
70 100
42 51.0 53.9 80.9#
101 0.0 8.2 12.2#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion: 136 Resp: 274717
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 11.1 7.9 11.9
68 6.2 4.8 7.2

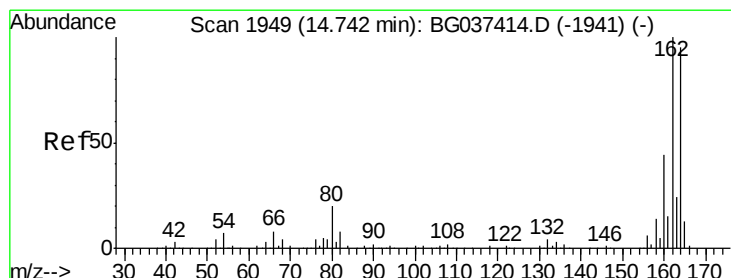
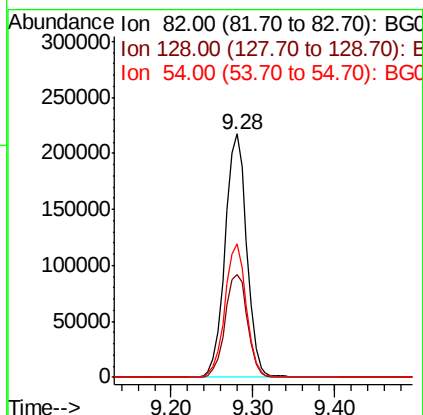
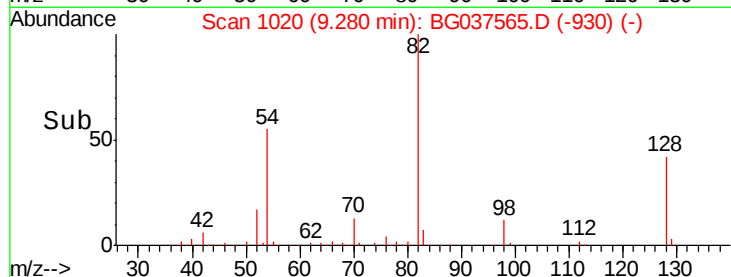
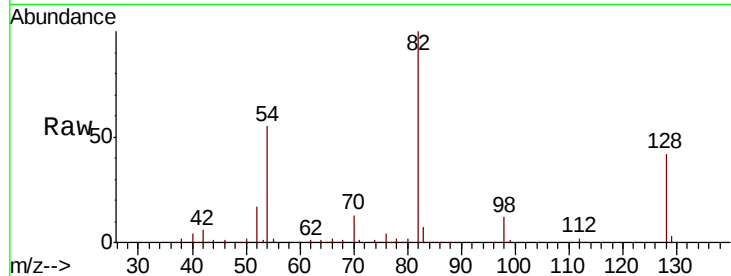




#23
Nitrobenzene-d5
Concen: 81.512 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

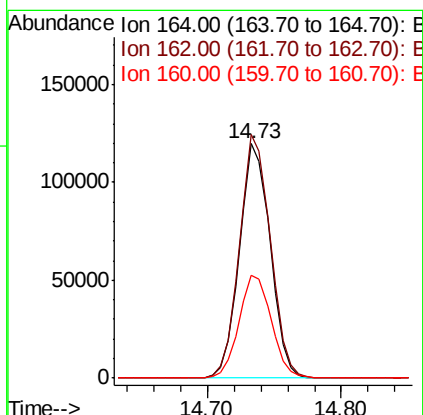
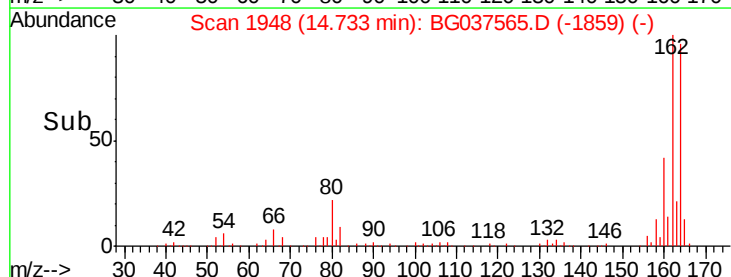
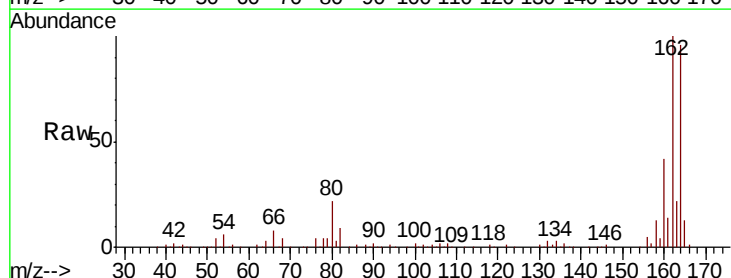
Instrument :
BNA_G
ClientSampleId :
TWP-01

Tot Ion	82	Resp	399735
Ion Ratio	100	Lower	Upper
128	42.3	34.6	51.8
54	54.7	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: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion	164	Resp	190268
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.0	81.3	121.9
160	43.8	36.3	54.5

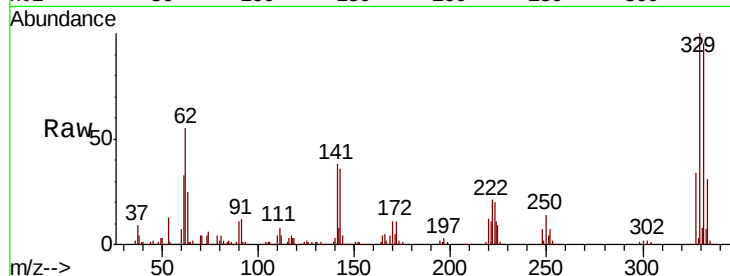




#42
 2,4,6-Tribromophenol
 Concen: 127.739 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037565.D
 Acq: 26 Oct 2018 4:46

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	39.7	32.2	48.2

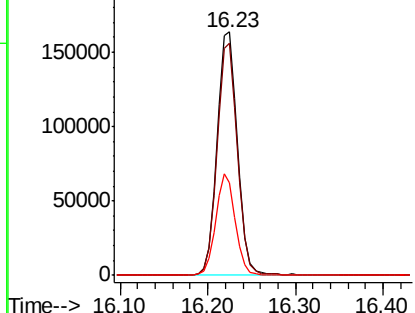
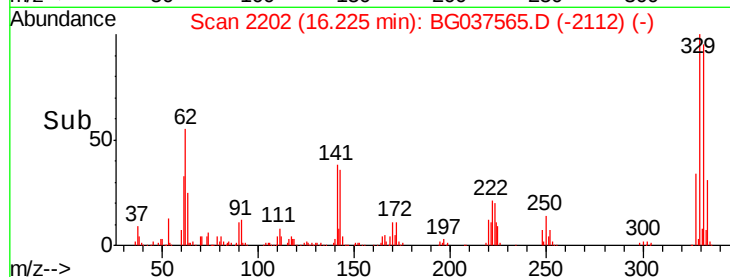


Abundance

Ion 329.80 (329.50 to 330.50): E

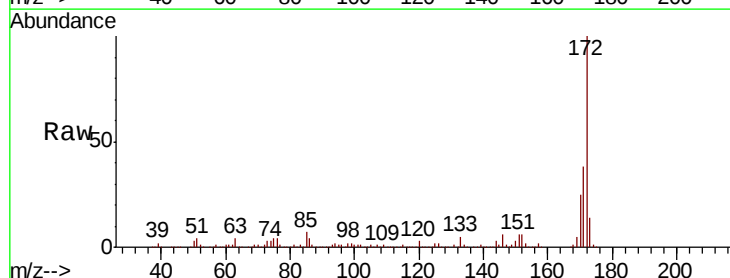
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.450 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037565.D
 Acq: 26 Oct 2018 4:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.1	20.2	30.2

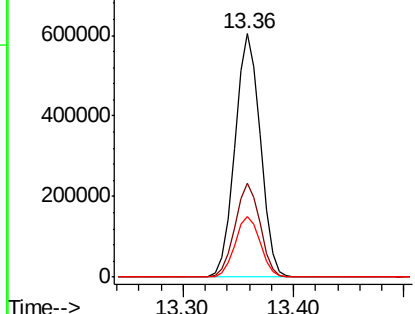
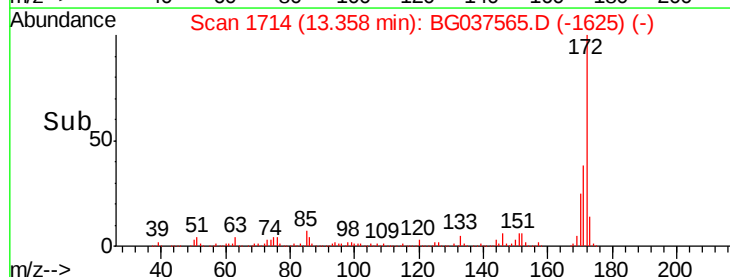


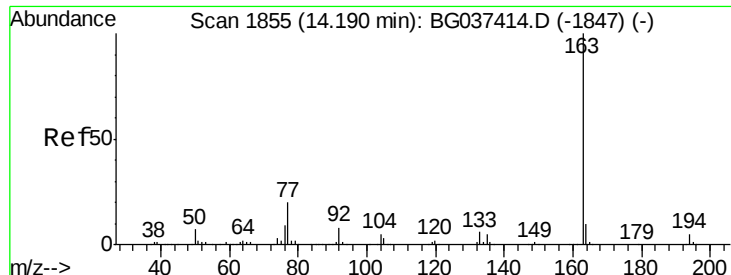
Abundance

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

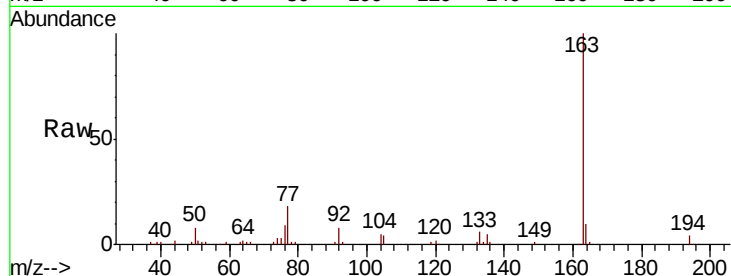




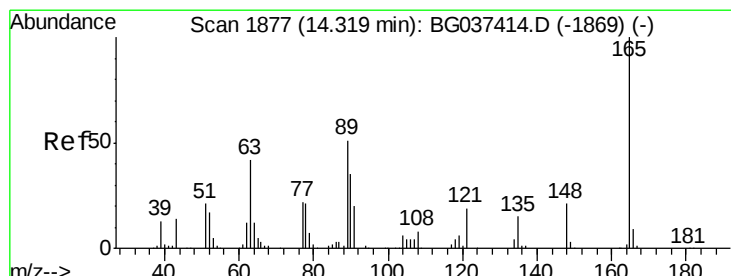
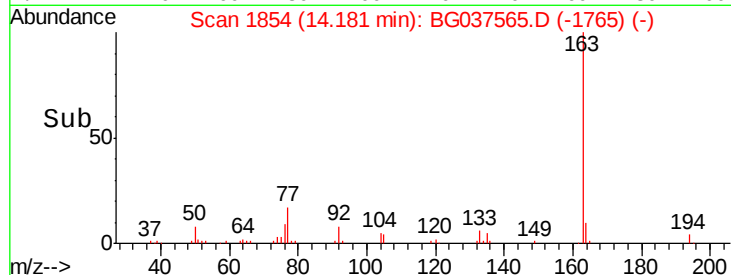
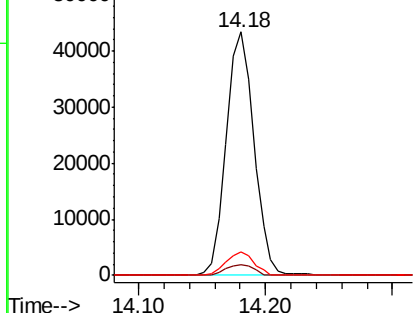
#50
Dimethylphthalate
Concen: 4.457 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.5	12.7

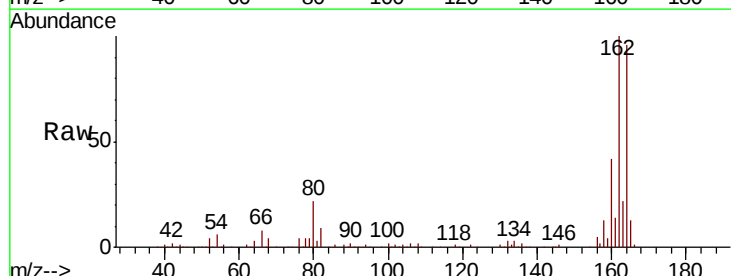


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

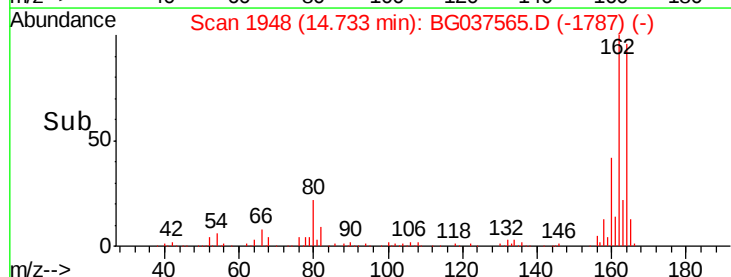
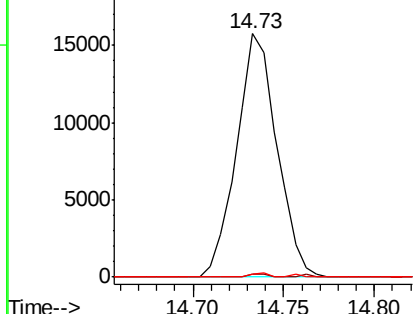


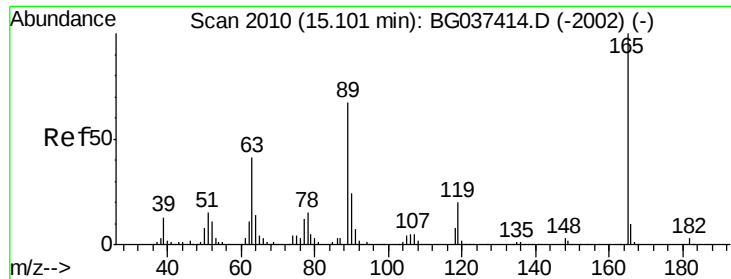
#51
2,6-Dinitrotoluene
Concen: 7.472 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.41 min
Lab File: BG037565.D
Acq: 26 Oct 2018 4:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.2#
89	1.1	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

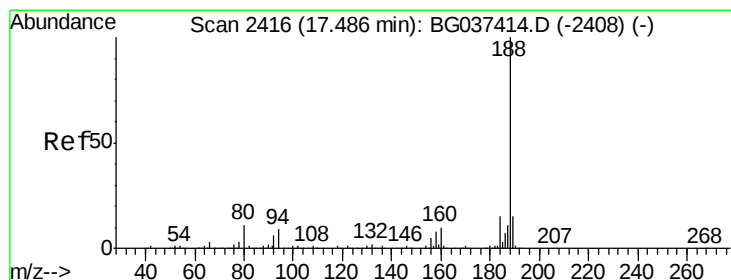
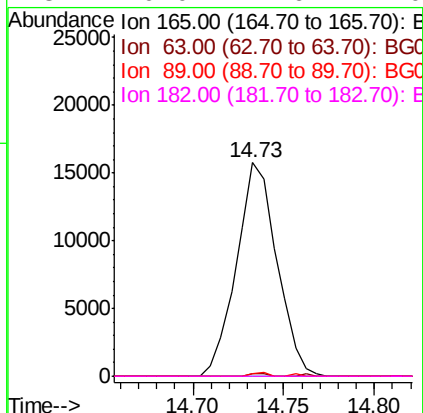
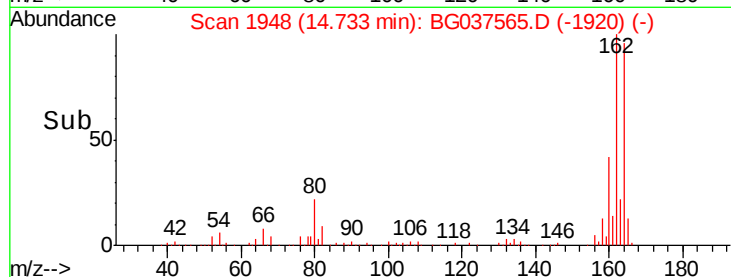
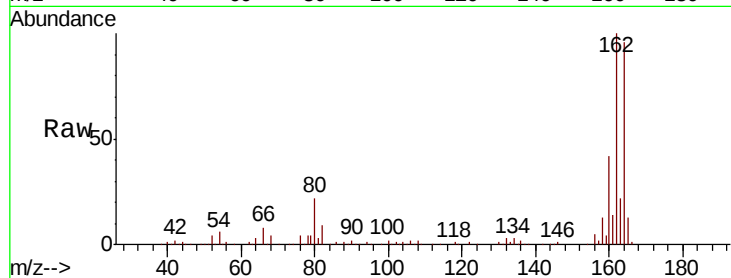




#57
 2,4-Dinitrotoluene
 Concen: 5.692 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037565.D
 Acq: 26 Oct 2018 4:46

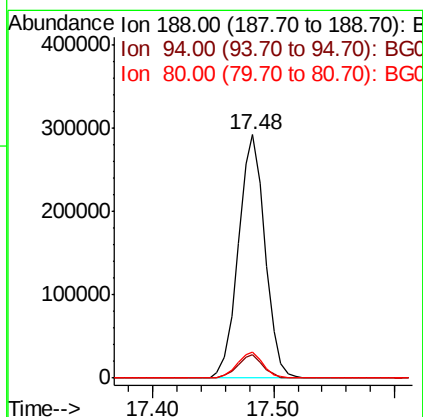
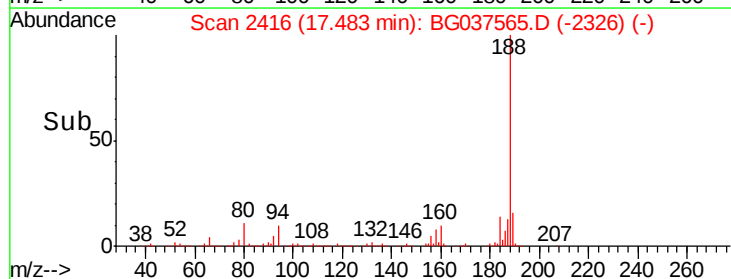
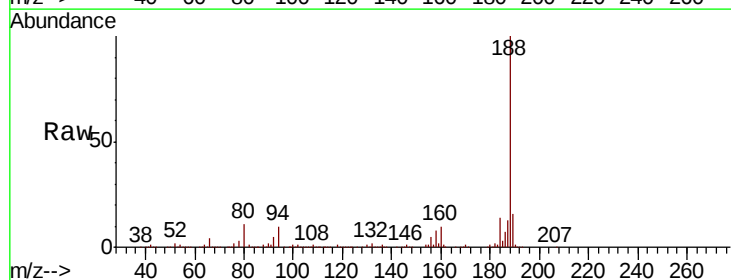
Instrument :
 BNA_G
 ClientSampleID :
 TWP-01

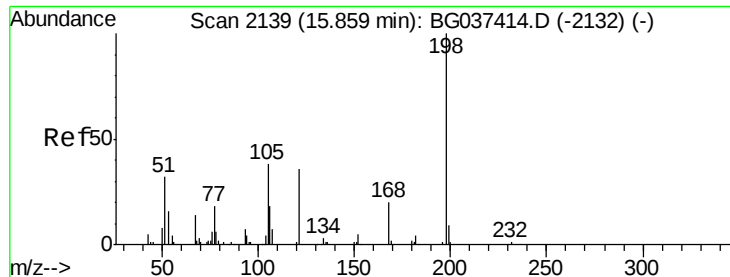
Tot Ion:165	Resp:	24330
Ion Ratio	Lower	Upper
165	100	
63	1.4	33.4 50.0#
89	1.1	57.2 85.8#
182	0.0	2.6 4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037565.D
 Acq: 26 Oct 2018 4:46

Tgt Ion:188	Resp:	447478
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.2 10.8
80	10.7	7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 8.878 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.37 min

Lab File: BG037565.D

Acq: 26 Oct 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TWP-01

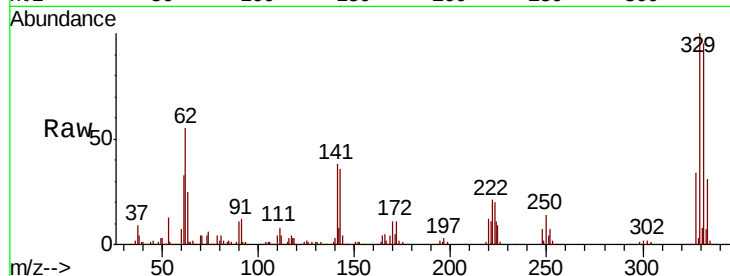
Tot Ion:198 Resp: 1058

Ion Ratio Lower Upper

198 100

51 23.7 22.7 62.7

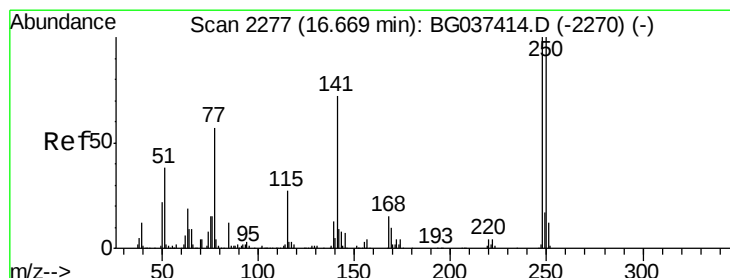
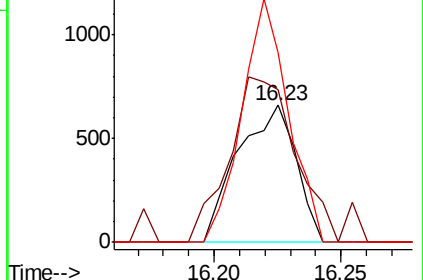
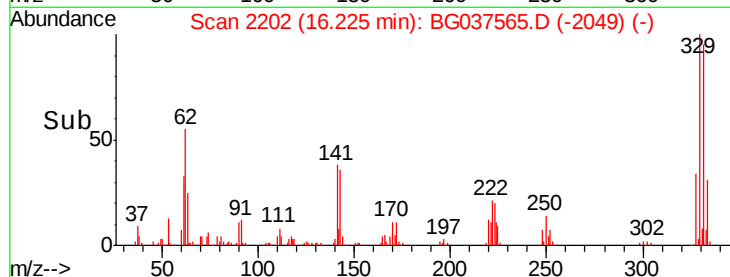
105 29.4 19.7 59.7



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: 3.845 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037565.D

Acq: 26 Oct 2018 4:46

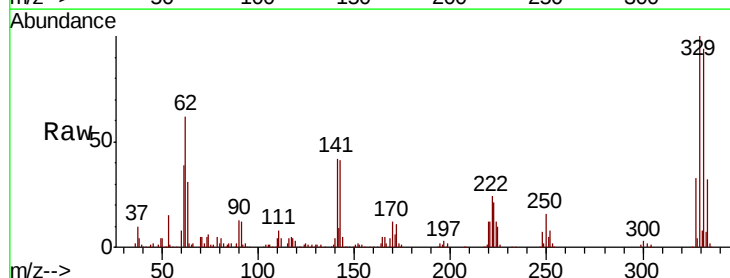
Tgt Ion:248 Resp: 18894

Ion Ratio Lower Upper

248 100

250 214.1 77.0 115.6#

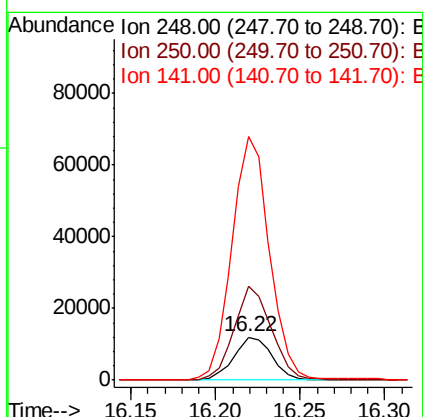
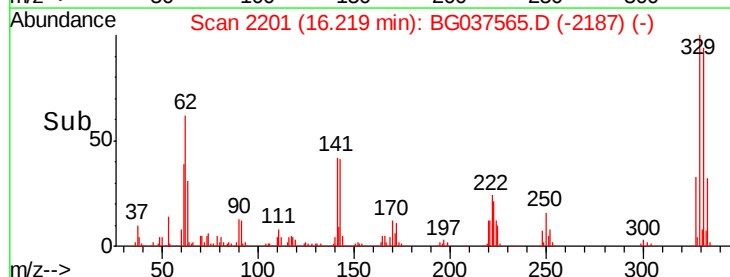
141 430.2 55.5 83.3#

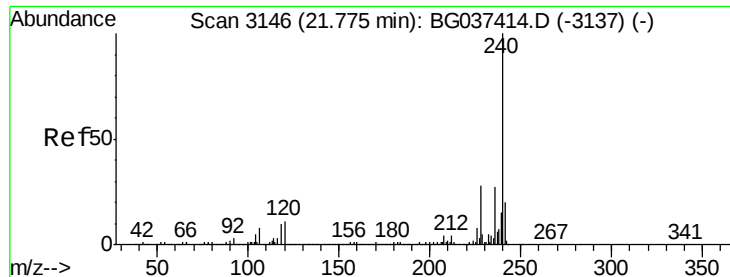


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

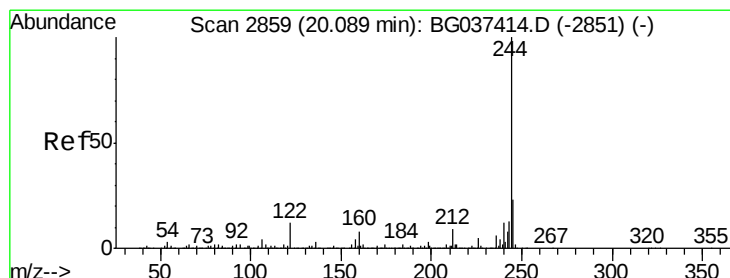
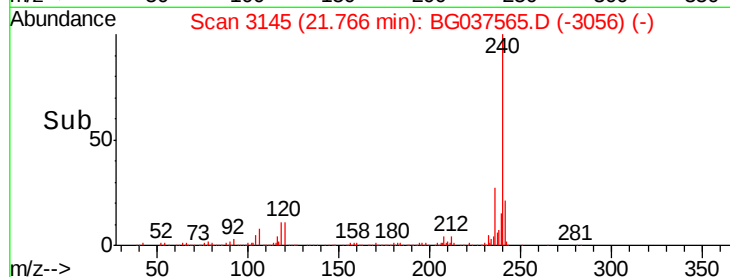
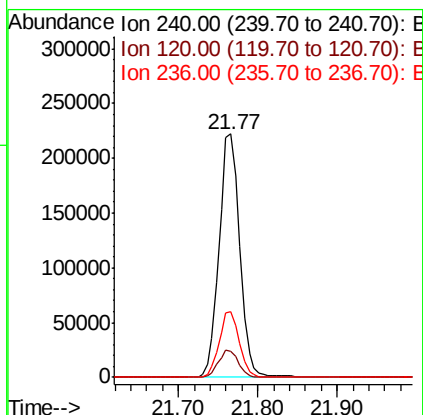
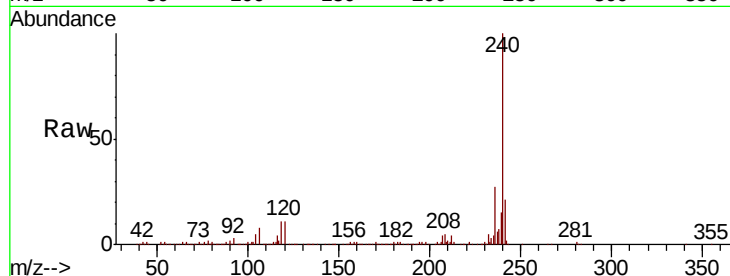




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037565.D
 Acq: 26 Oct 2018 4:46

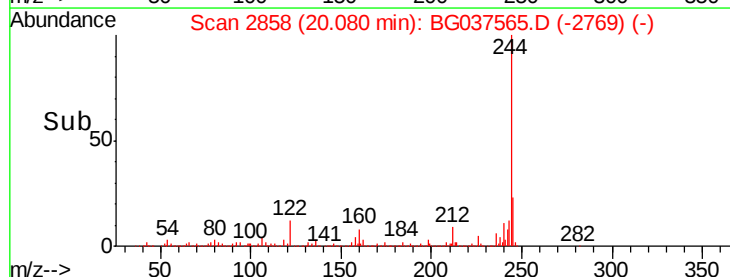
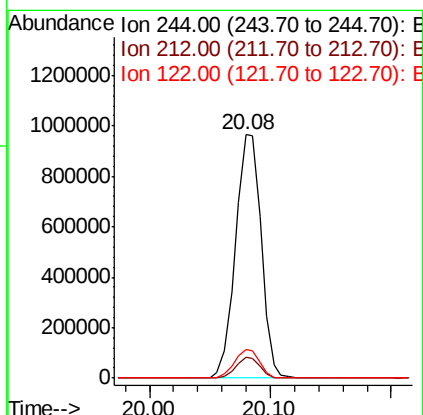
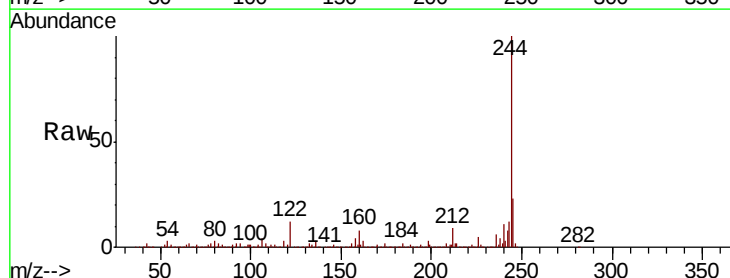
Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

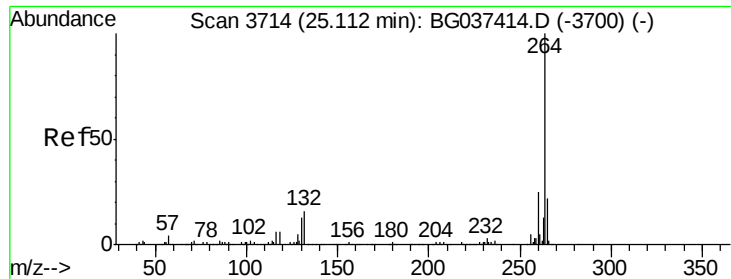
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	26.8	21.4	32.0



#79
 Terphenyl-d14
 Concen: 76.166 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037565.D
 Acq: 26 Oct 2018 4:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	12.0	9.0	13.4

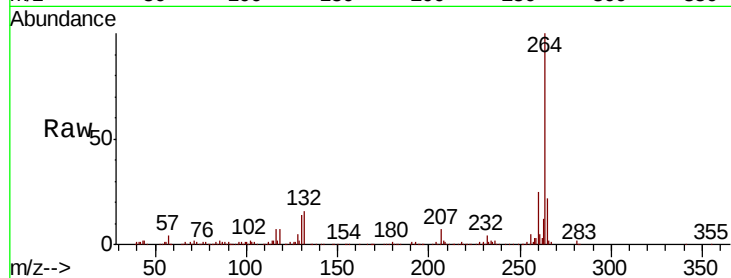




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.02 min
 Lab File: BG037565.D
 Acq: 26 Oct 2018 4:46

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Tot Ion:	264	Resp:	400337
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	21.9	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

