

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072718\
 Data File : BG035962.D
 Acq On : 28 Jul 2018 7:43
 Operator : JU/SJ
 Sample : J4189-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

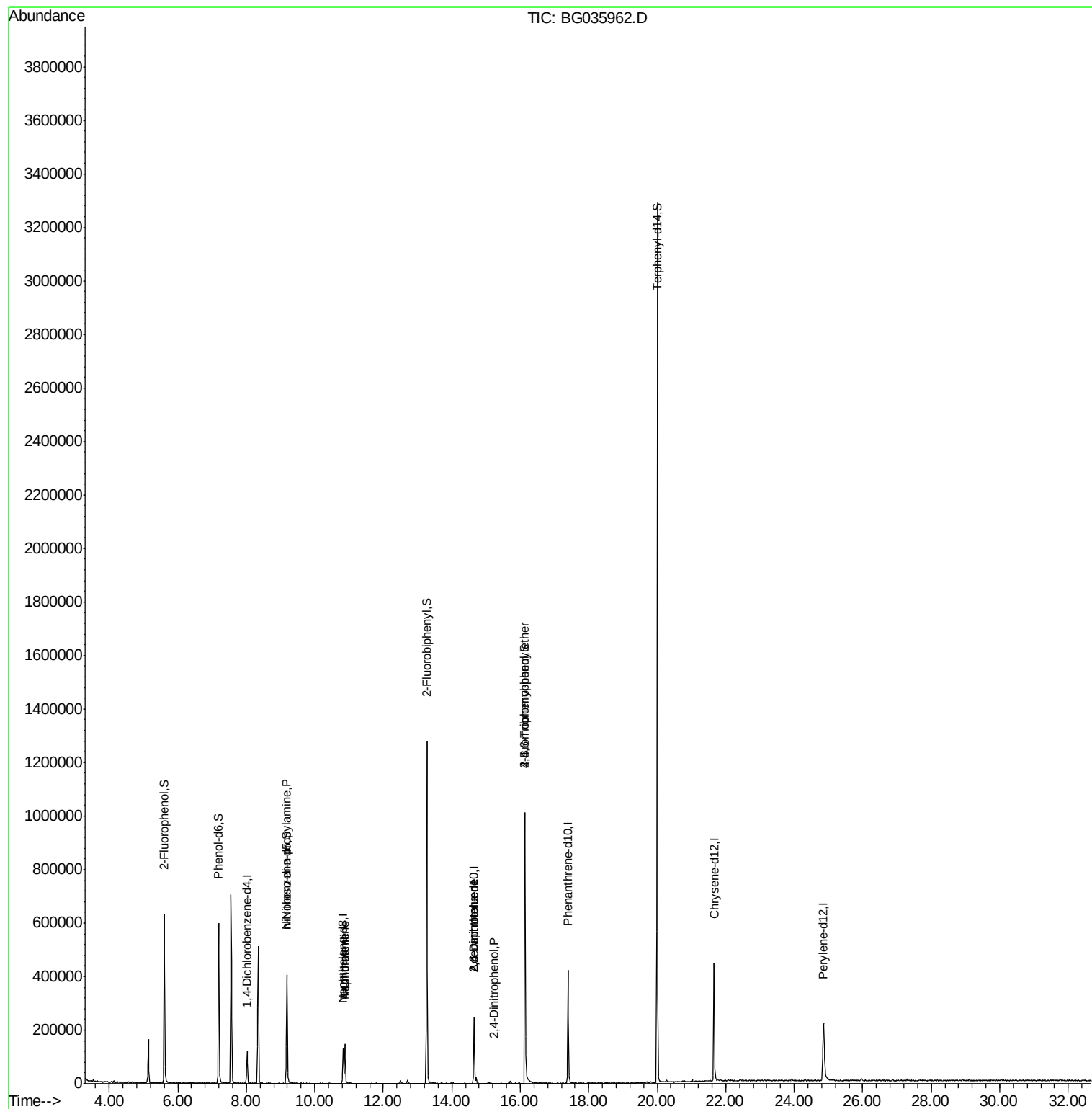
Quant Time: Jul 30 00:37:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

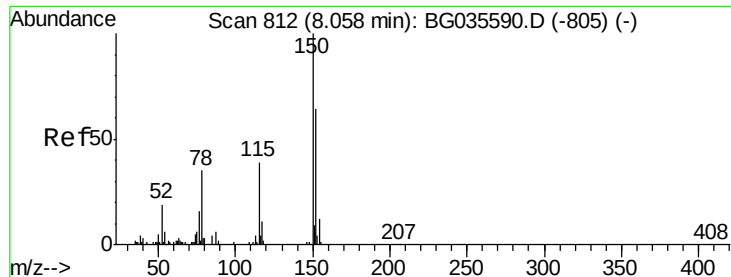
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31782	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	121571	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	95593	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	294629	20.00	ng	0.00
75) Chrysene-d12	21.66	240	322352	20.00	ng	0.00
86) Perylene-d12	24.86	264	288008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	277460	144.94	ng	0.00
7) Phenol-d6	7.19	99	369567	129.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	292296	100.44	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	202830	160.98	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	723213	101.36	ng	0.00
78) Terphenyl-d14	20.00	244	1549479	105.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	39322	16.349	ng	Qvalue # 63
31) Naphthalene	10.88	128	129593	20.464	ng	# 97
33) 4-Chloroaniline	10.88	127	17265	6.255	ng	# 27
50) 2,6-Dinitrotoluene	14.65	165	12372	7.254	ng	# 18
53) 2,4-Dinitrophenol	15.24	184	54	6.639	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	12372	5.056	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	16448	4.812	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072718\
Data File : BG035962.D
Acq On : 28 Jul 2018 7:43
Operator : JU/SJ
Sample : J4189-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 30 00:37:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

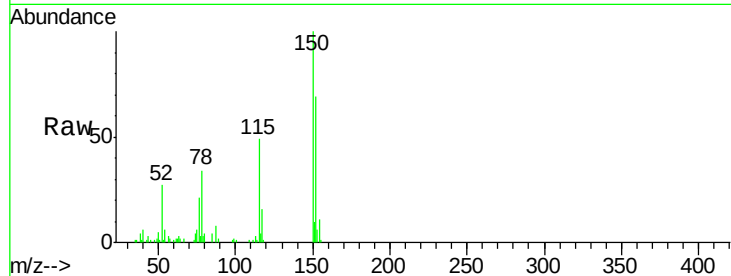




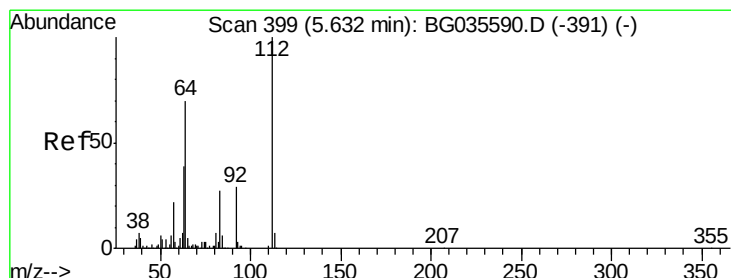
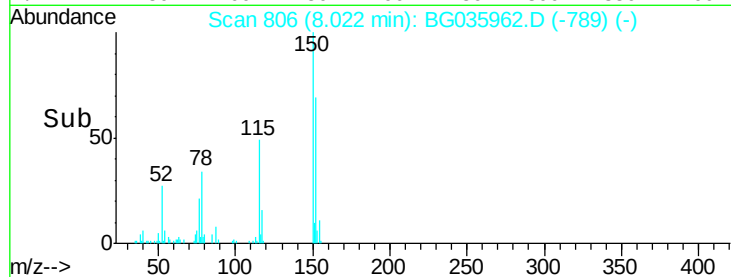
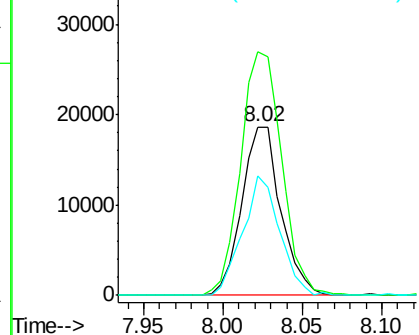
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035962.D
Acq: 28 Jul 2018 7:43

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.3	126.6	189.8
115	71.0	53.0	79.4



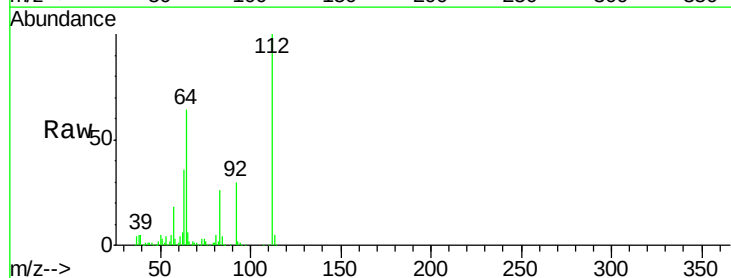
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



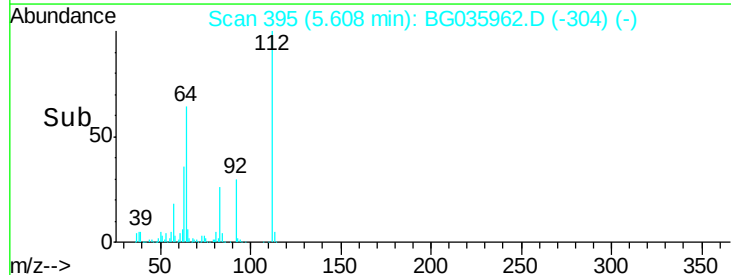
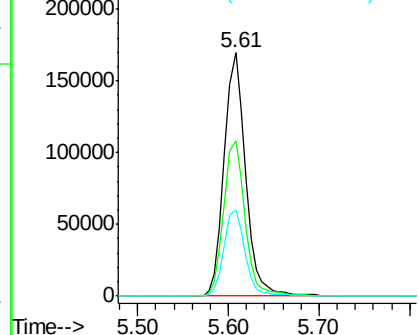
#5

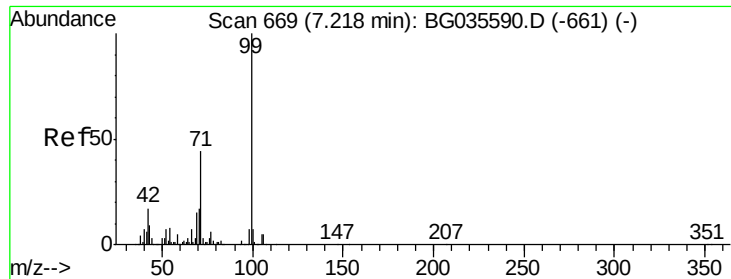
2-Fluorophenol
Concen: 144.940 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035962.D
Acq: 28 Jul 2018 7:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	56.3	84.5
63	35.5	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 129.395 ng

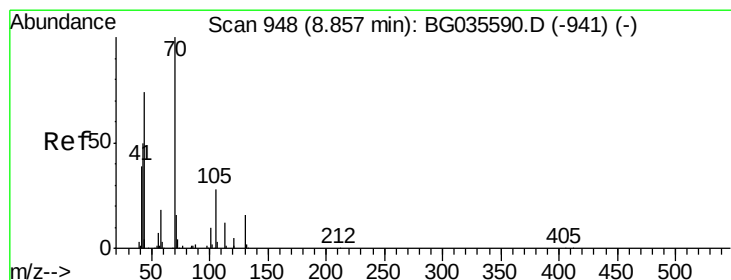
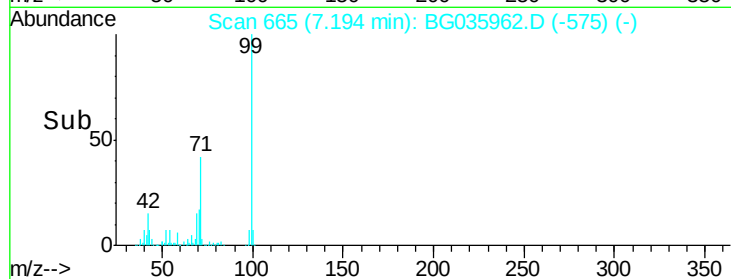
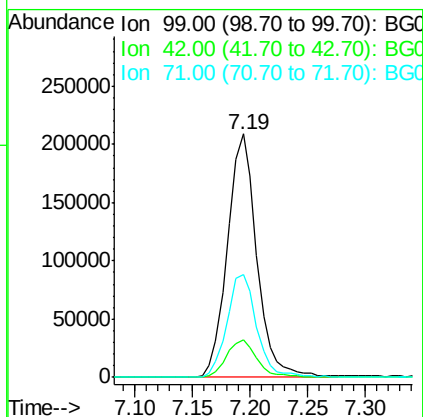
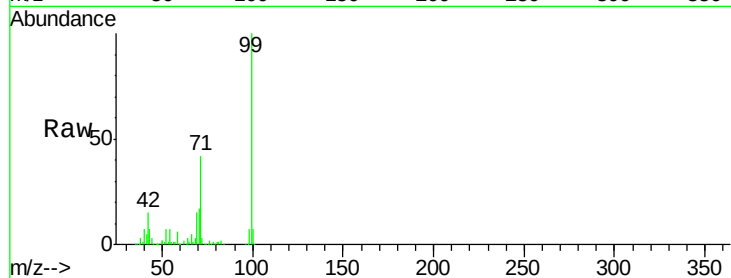
RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035962.D

Acq: 28 Jul 2018 7:43

Tgt Ion:	99	Resp:	369567
Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.1	21.1
71	42.0	26.1	39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.349 ng

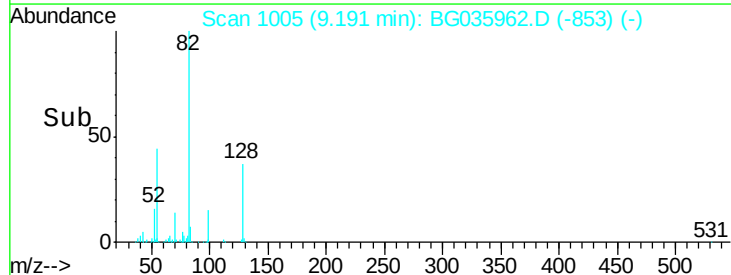
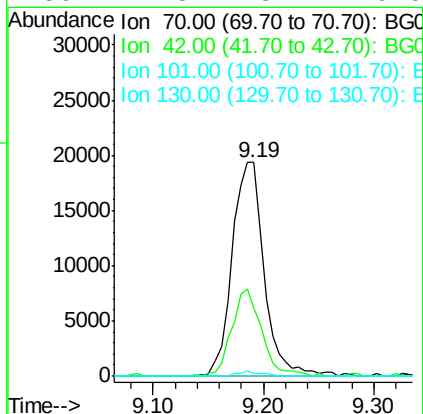
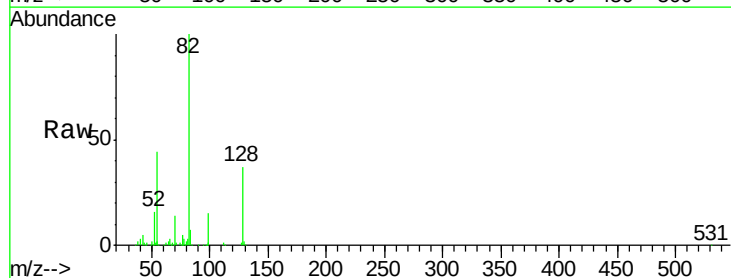
RT: 9.19 min Scan# 1005

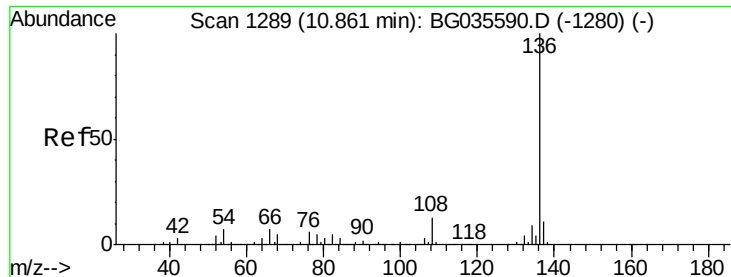
Delta R.T. 0.36 min

Lab File: BG035962.D

Acq: 28 Jul 2018 7:43

Tgt Ion:	70	Resp:	39322
Ion	Ratio	Lower	Upper
70	100		
42	31.9	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035962.D

Acq: 28 Jul 2018 7:43

Tgt Ion: 136 Resp: 121571

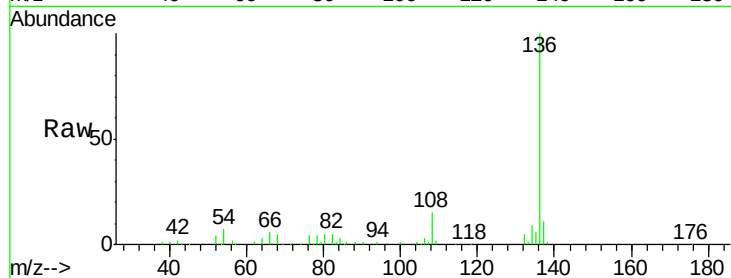
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 6.8 10.3 15.5

68 4.9 4.5 6.7

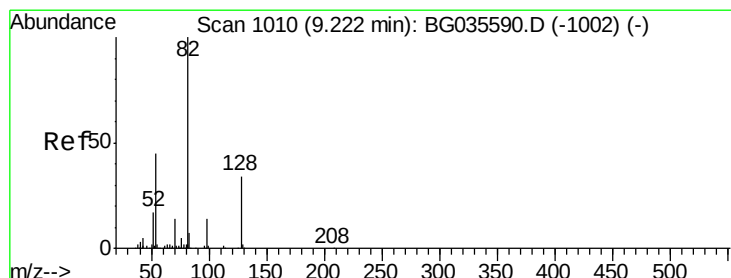
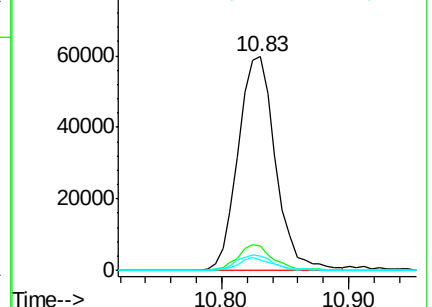
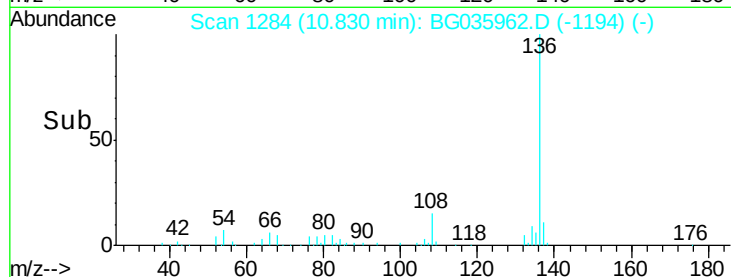


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: 100.440 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035962.D

Acq: 28 Jul 2018 7:43

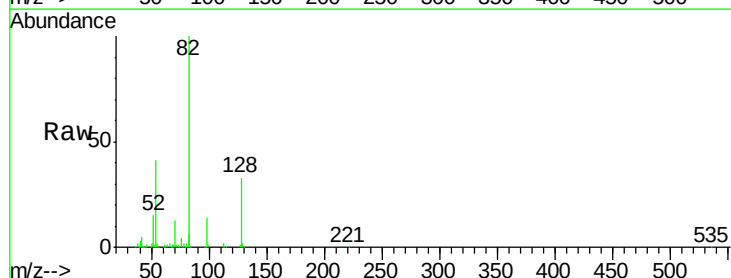
Tgt Ion: 82 Resp: 292296

Ion Ratio Lower Upper

82 100

128 33.4 29.7 44.5

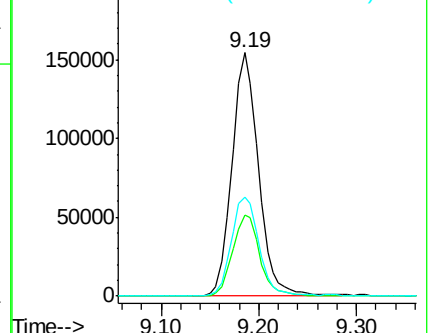
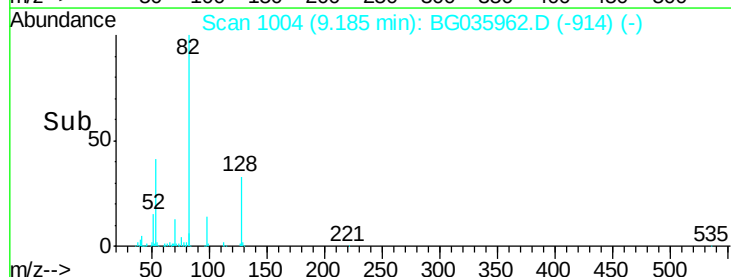
54 40.7 43.1 64.7

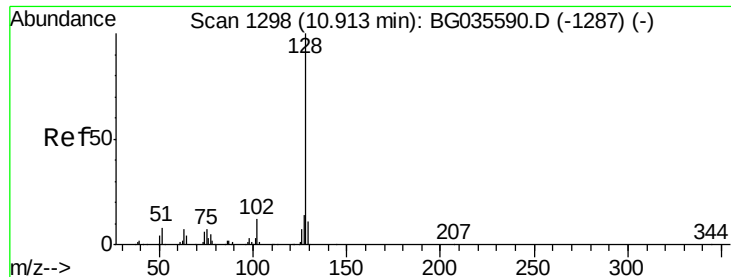


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

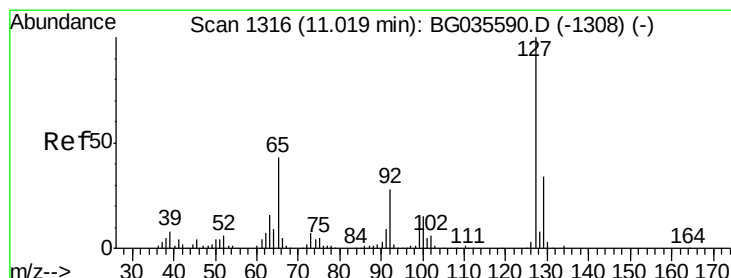
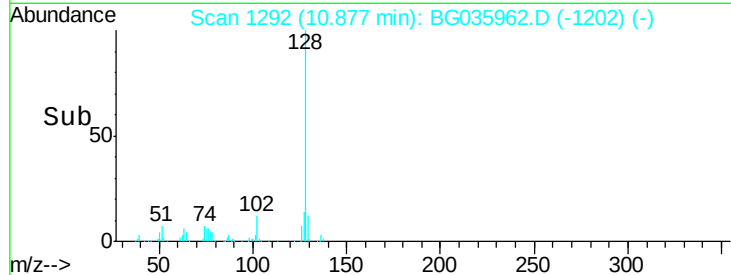
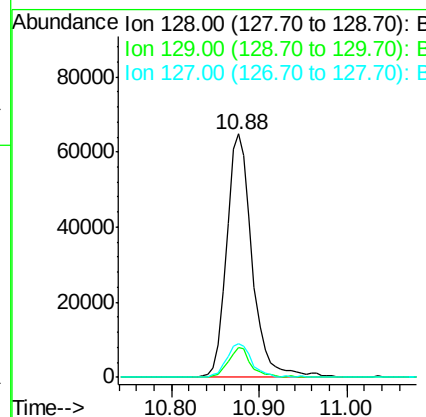
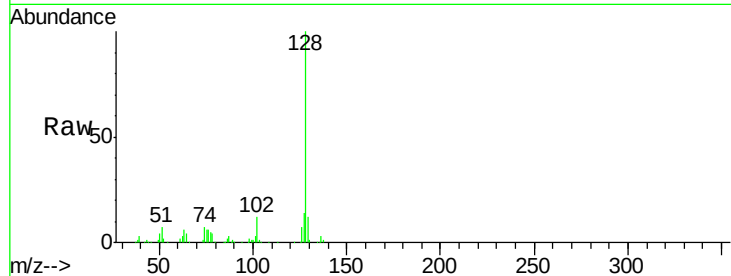
Ion 54.00 (53.70 to 54.70): B





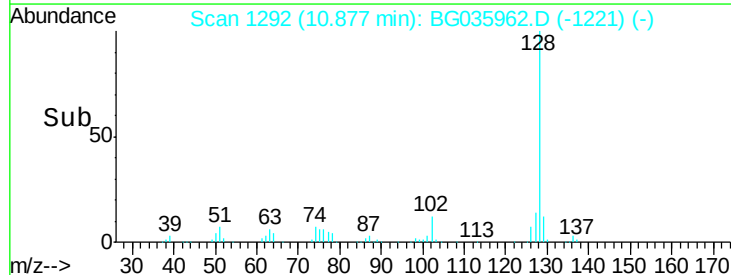
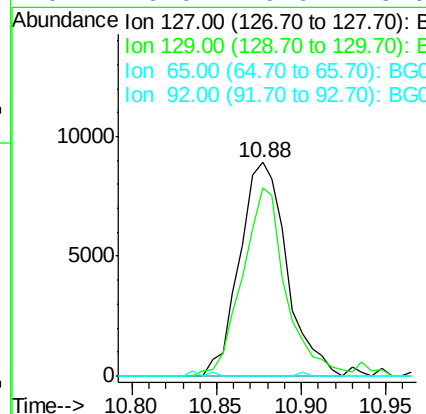
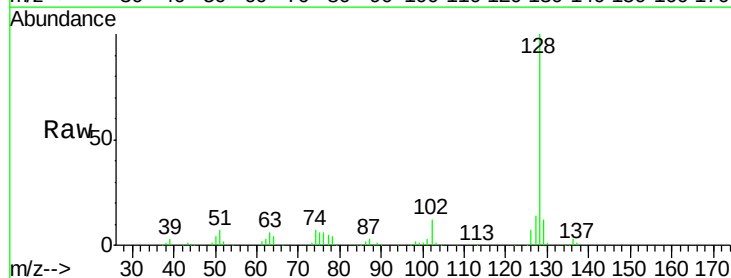
#31
Naphthalene
Concen: 20.464 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035962.D
Acq: 28 Jul 2018 7:43

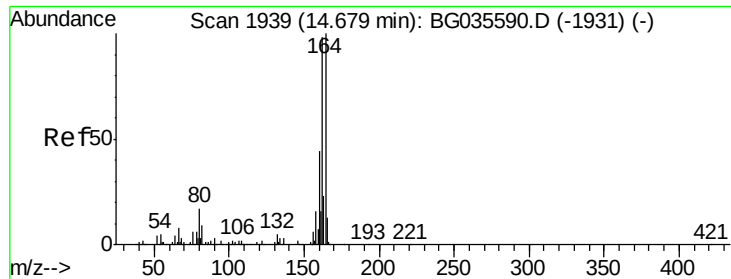
Tgt Ion:128 Resp: 129593
Ion Ratio Lower Upper
128 100
129 12.2 8.6 12.8
127 13.8 11.6 17.4



#33
4-Chloroaniline
Concen: 6.255 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.11 min
Lab File: BG035962.D
Acq: 28 Jul 2018 7:43

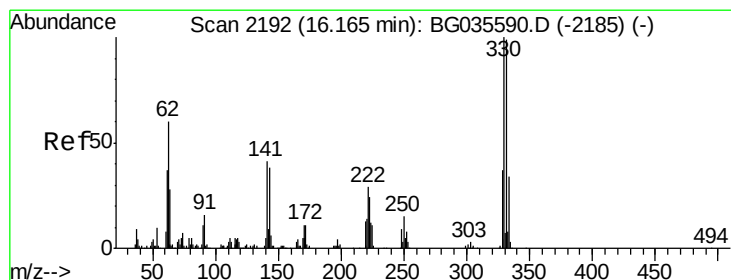
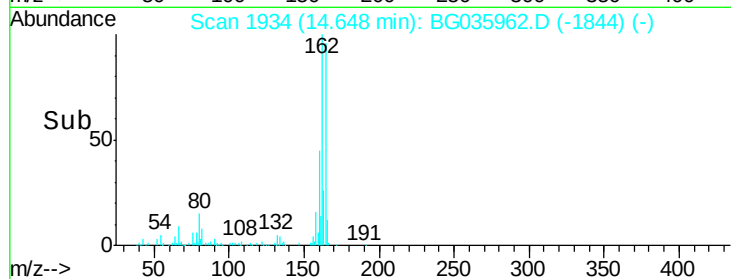
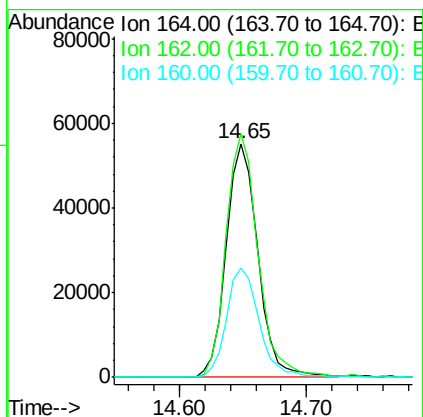
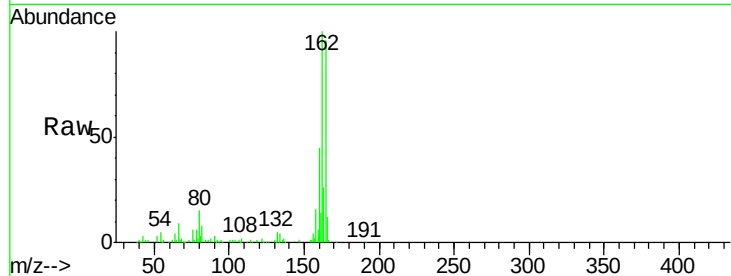
Tgt Ion:127 Resp: 17265
Ion Ratio Lower Upper
127 100
129 88.4 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#





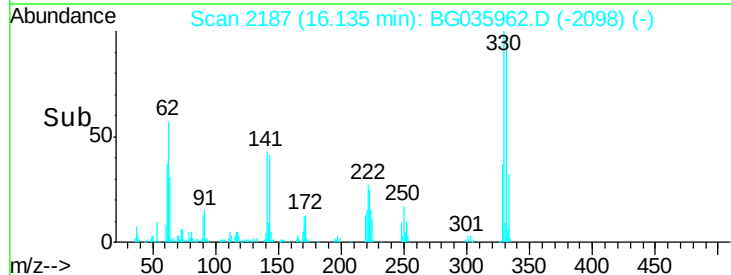
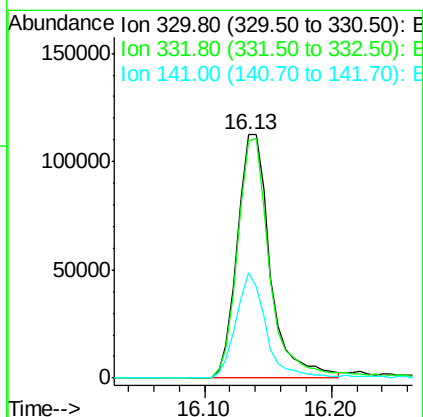
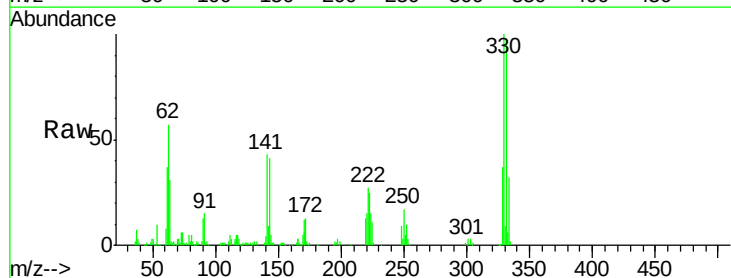
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

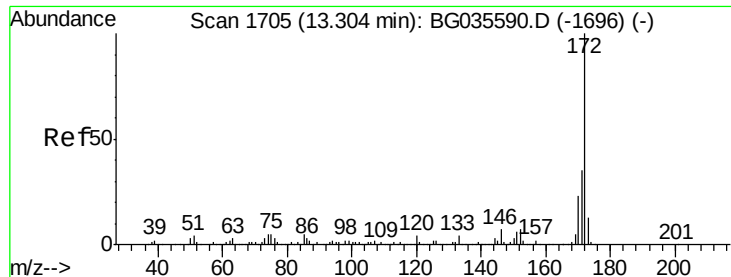
Tgt Ion:	164	Resp:	95593
Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	46.6	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 160.979 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

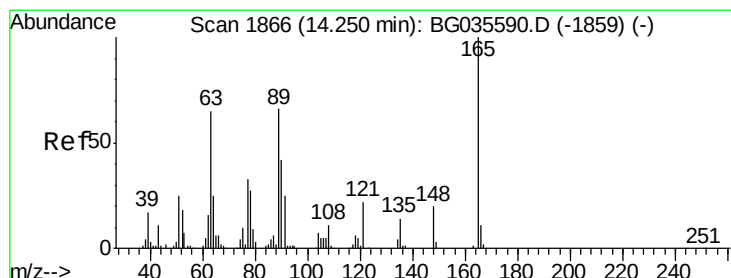
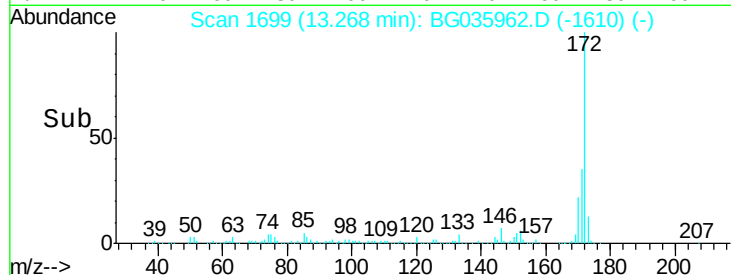
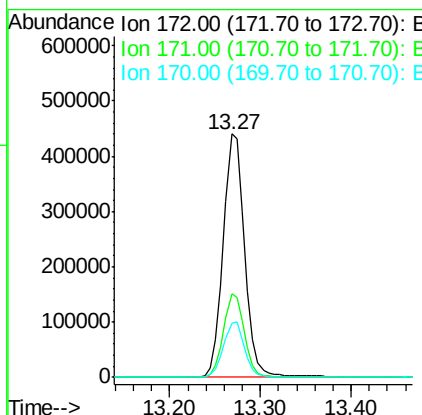
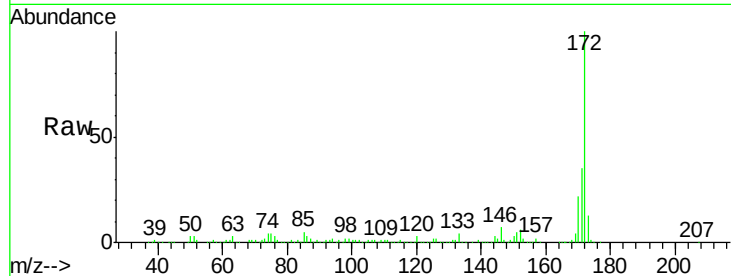
Tgt Ion:	330	Resp:	202830
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	39.9	25.2	37.8#





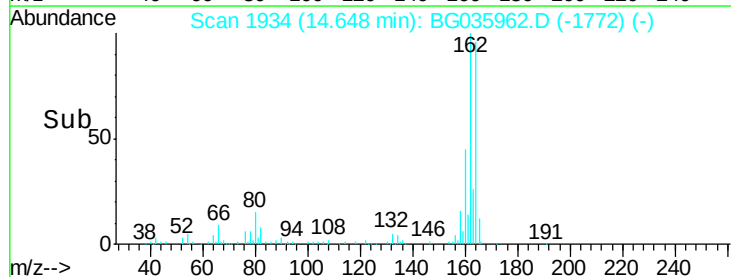
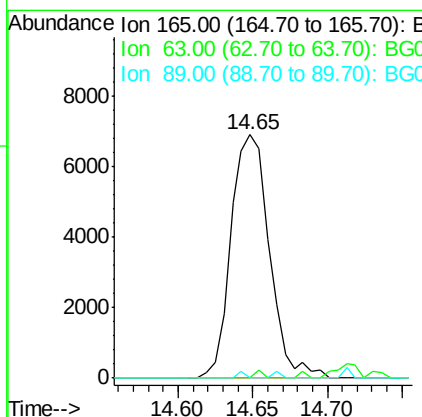
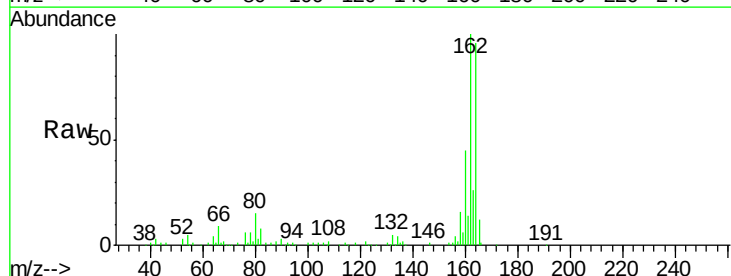
#44
 2-Fluorobiphenyl
 Concen: 101.359 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

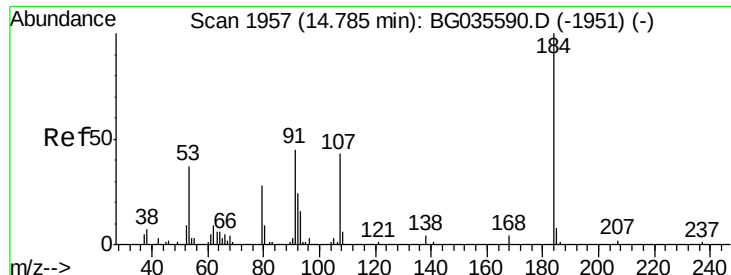
Tgt Ion:	172	Resp:	723213
Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	22.0	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.254 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

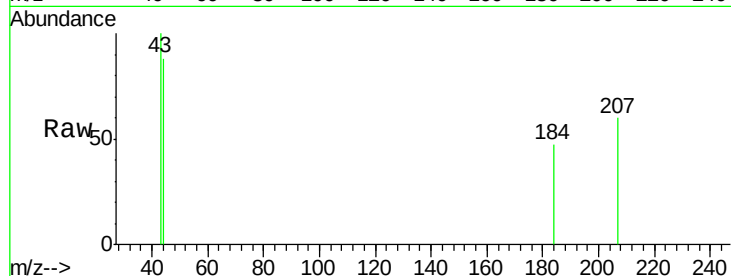
Tgt Ion:	165	Resp:	12372
Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



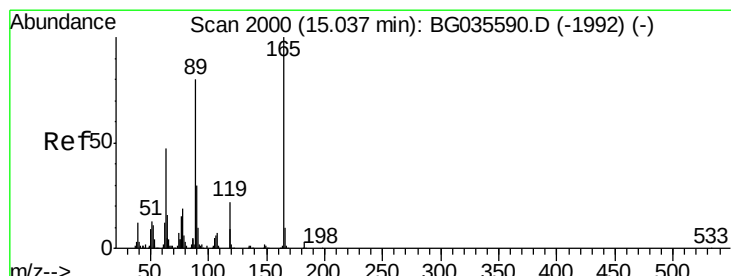
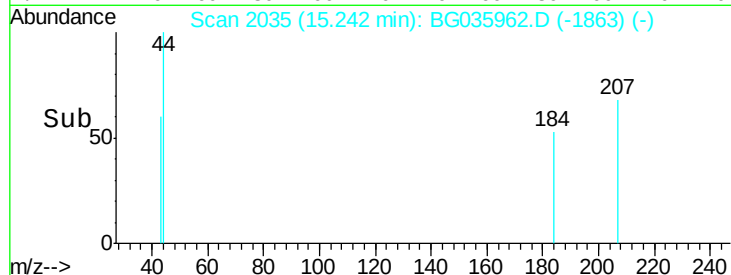
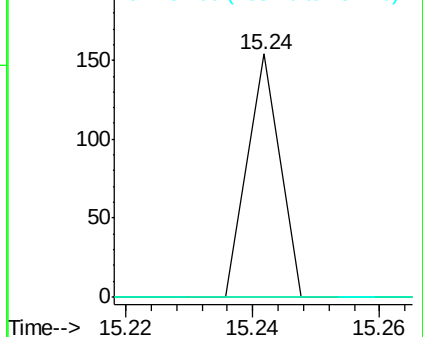


#53
2,4-Dinitrophenol
Concen: 6.639 ng
RT: 15.24 min Scan# 2035
Delta R.T. 0.48 min
Lab File: BG035962.D
Acq: 28 Jul 2018 7:43

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

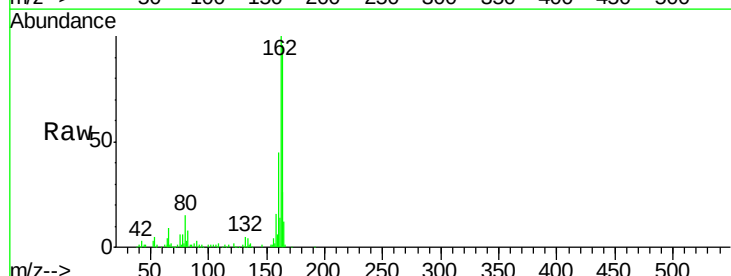


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

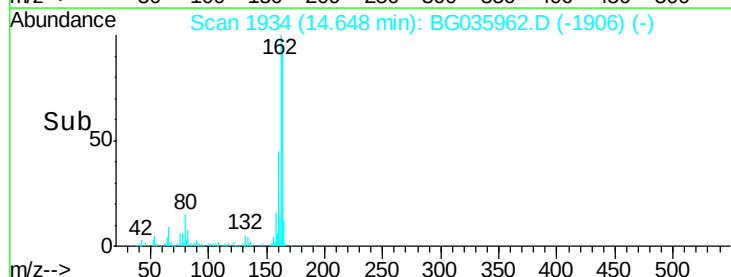
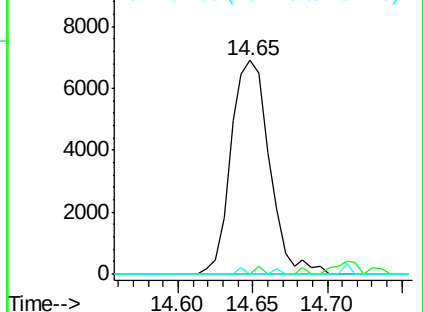


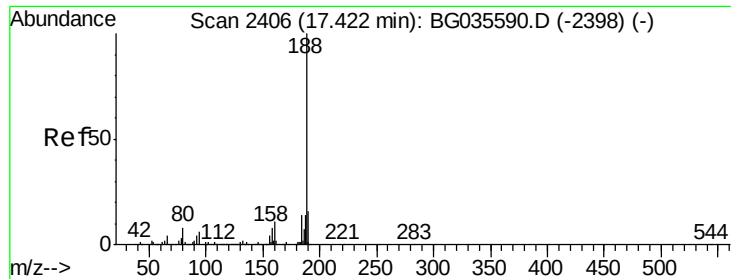
#56
2,4-Dinitrotoluene
Concen: 5.056 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.37 min
Lab File: BG035962.D
Acq: 28 Jul 2018 7:43

Tgt Ion:165 Resp: 12372
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



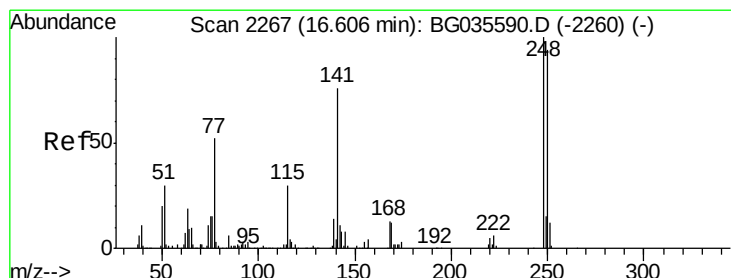
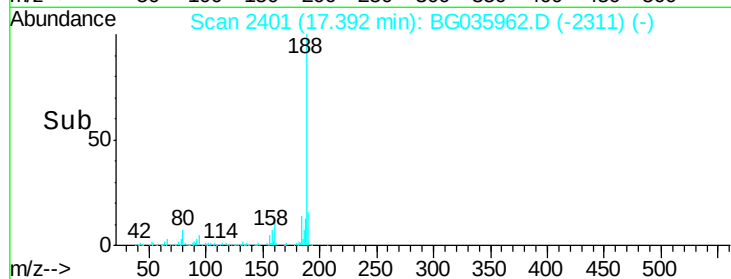
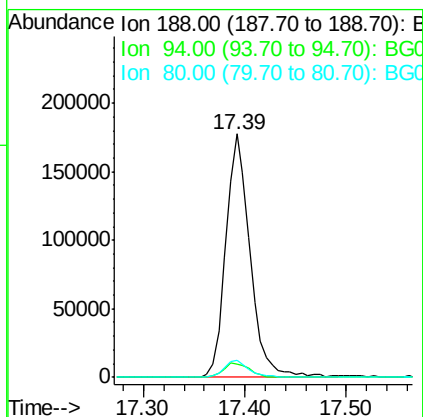
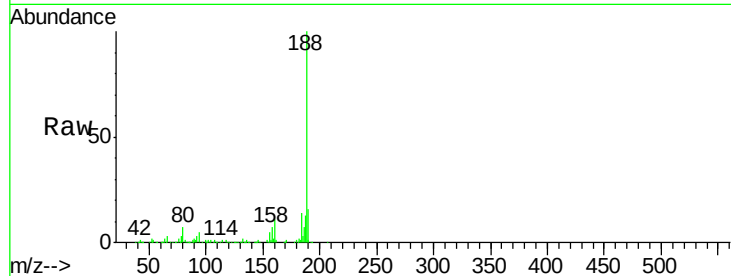
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





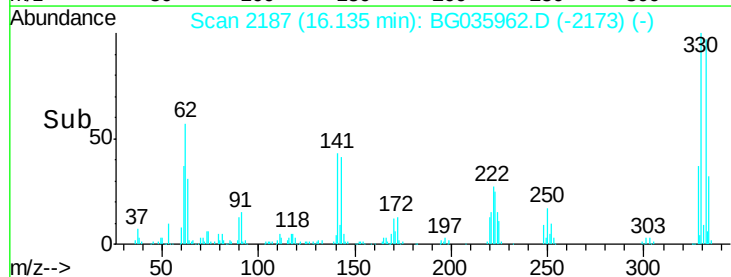
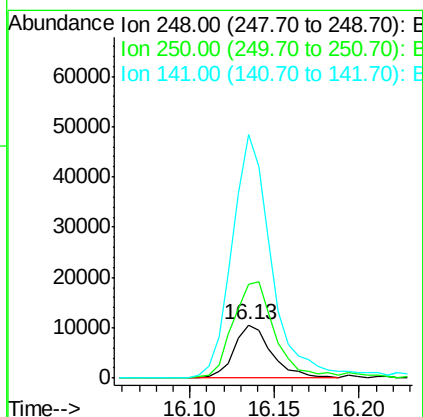
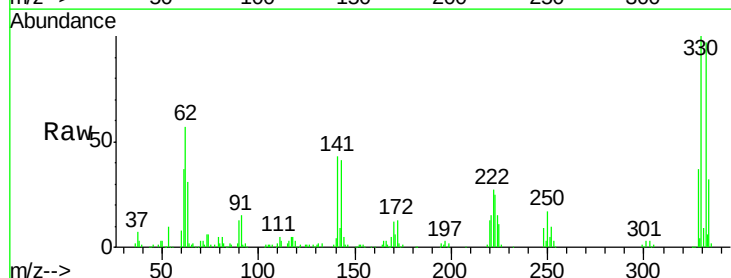
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

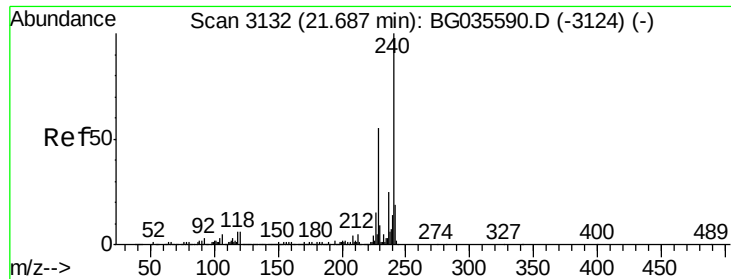
Tgt Ion:188 Resp: 294629
 Ion Ratio Lower Upper
 188 100
 94 5.3 6.9 10.3#
 80 6.8 7.7 11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 4.812 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

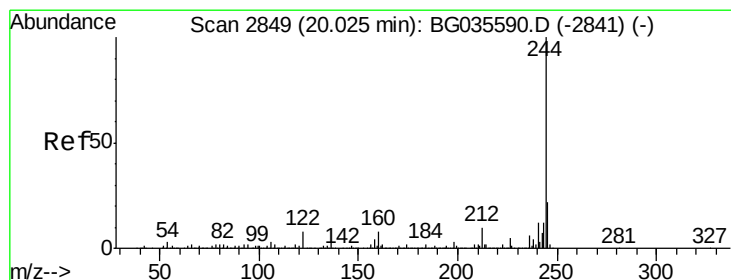
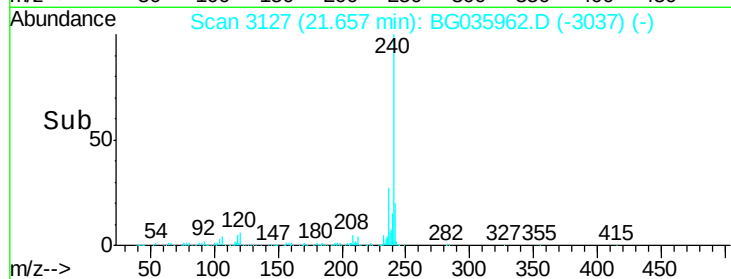
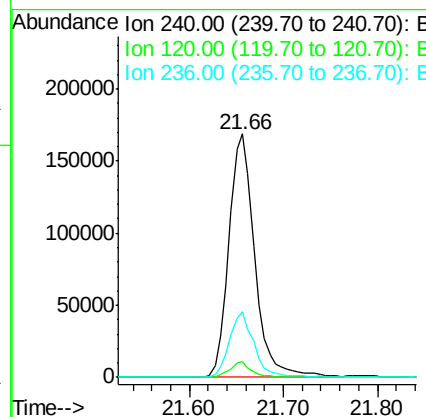
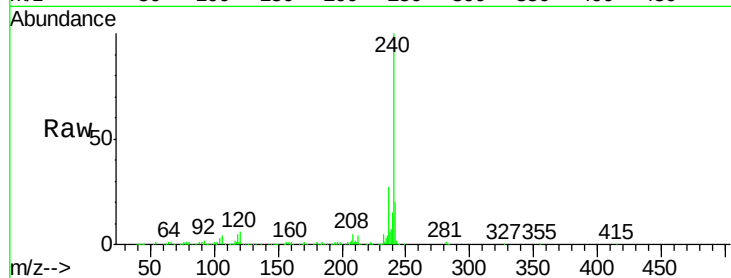
Tgt Ion:248 Resp: 16448
 Ion Ratio Lower Upper
 248 100
 250 175.5 77.1 115.7#
 141 456.8 50.8 76.2#





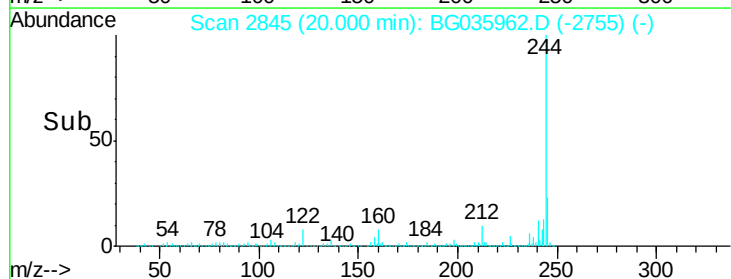
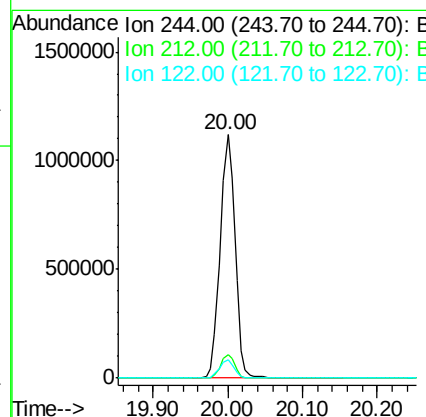
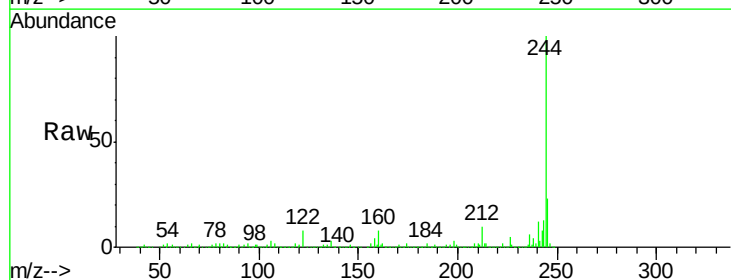
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

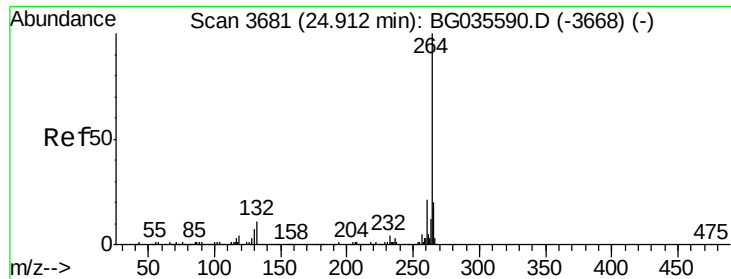
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	27.0	20.9	31.3



#78
 Terphenyl-d14
 Concen: 105.956 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.6	7.0	10.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. -0.00 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

Tgt Ion:	264	Resp:	288008
Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	19.2	17.7	26.5

