

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037333.D
 Acq On : 15 Oct 2018 14:48
 Operator : JU/SJ
 Sample : PB113787BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

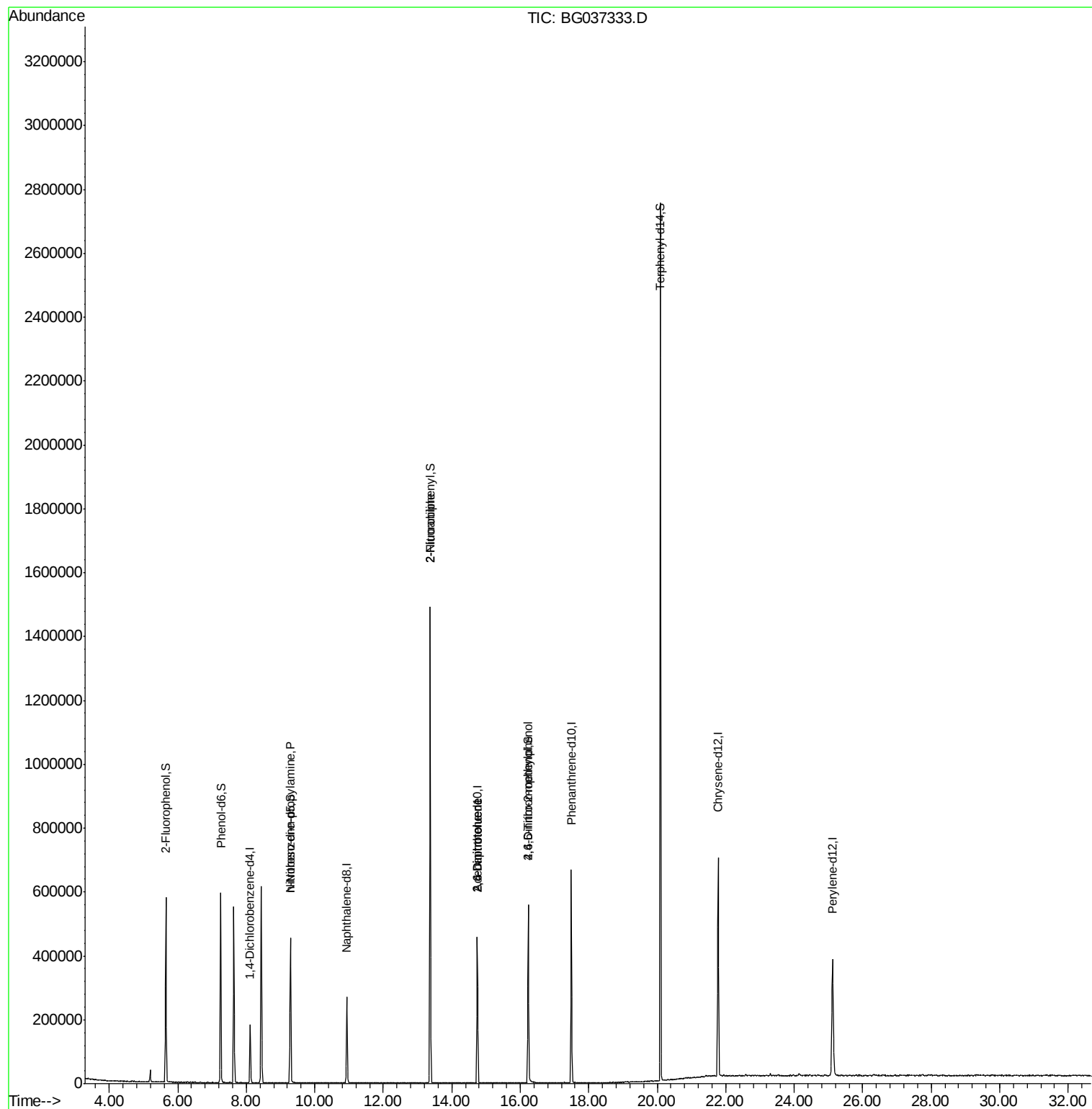
Quant Time: Oct 16 04:15:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

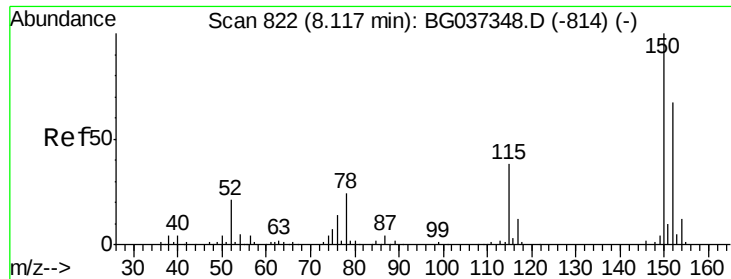
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57512	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	245088	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	165106	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	439614	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	421760	20.00	ng	-0.02
87) Perylene-d12	25.12	264	416782	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	270616	82.81	ng	0.00
7) Phenol-d6	7.25	99	373386	75.28	ng	0.00
23) Nitrobenzene-d5	9.29	82	287123	77.02	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	107854	66.61	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	811828	73.84	ng	-0.01
79) Terphenyl-d14	20.09	244	1297173	64.58	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	35316	9.404	ng	# 74
48) 2-Nitroaniline	13.37	65	1418	6.204	ng	# 1
51) 2,6-Dinitrotoluene	14.75	165	21075	12.335	ng	# 23
57) 2,4-Dinitrotoluene	14.75	165	21075	11.205	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.24	198	292	6.131	ng	91

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

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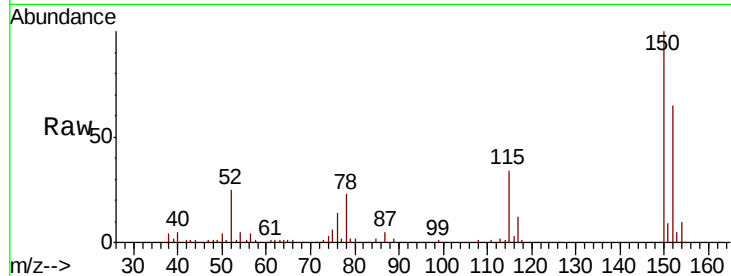




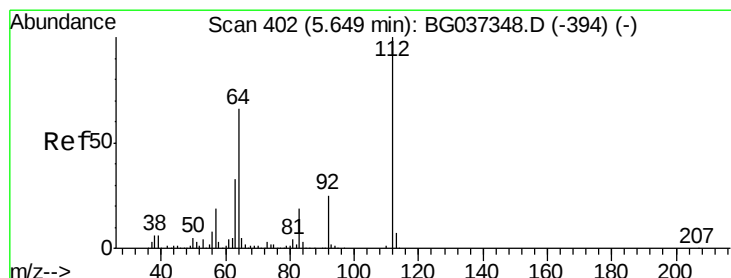
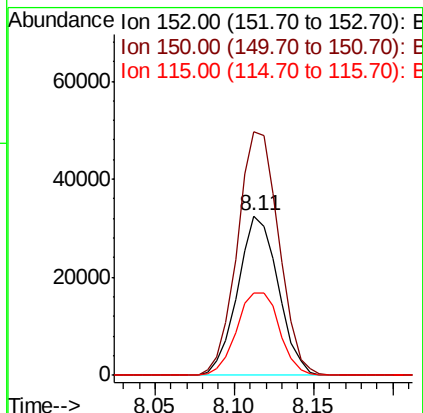
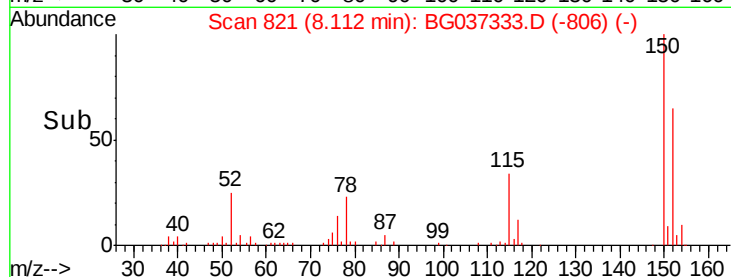
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037333.D
Acq: 15 Oct 2018 14:48

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.0	189.0
115	51.9	45.5	68.3



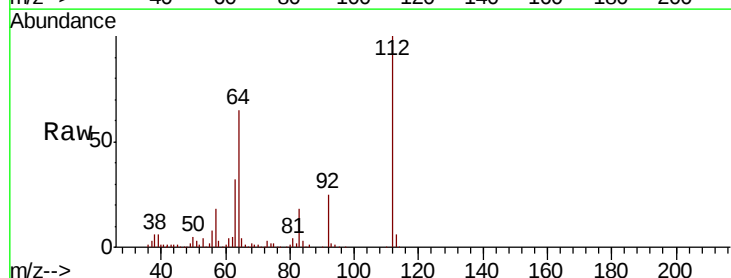
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



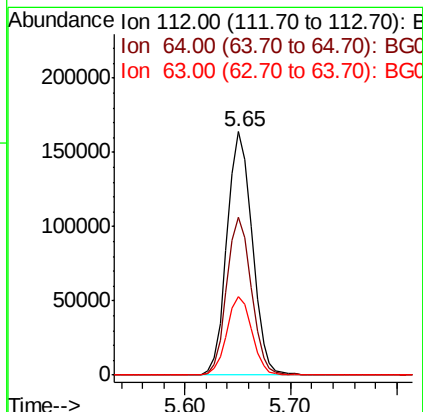
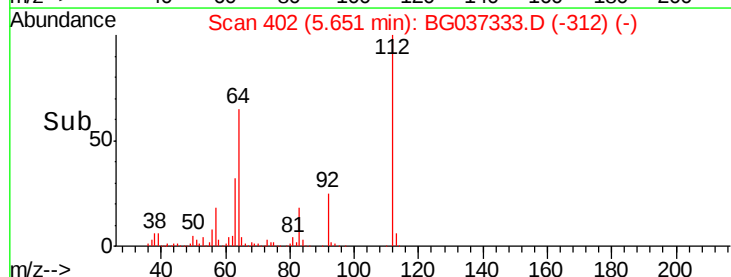
#5

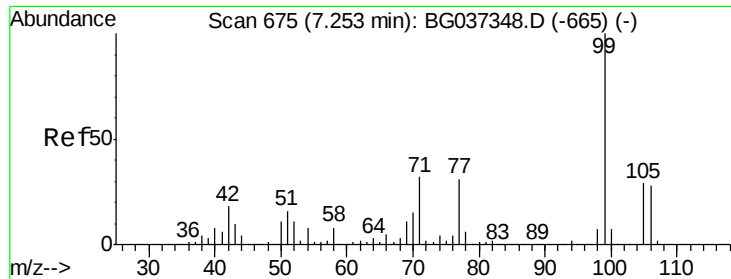
2-Fluorophenol
Concen: 82.810 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037333.D
Acq: 15 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	53.1	79.7
63	32.2	27.3	40.9



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: 75.277 ng

RT: 7.25 min Scan# 675

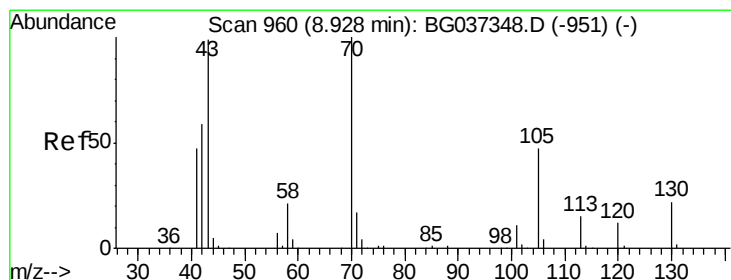
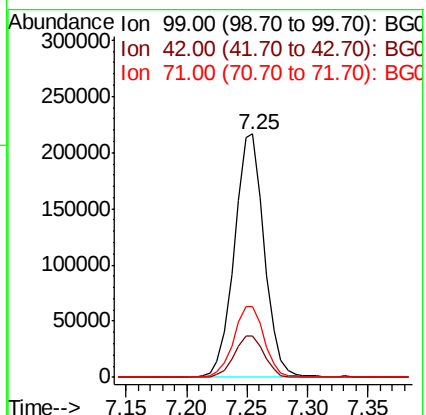
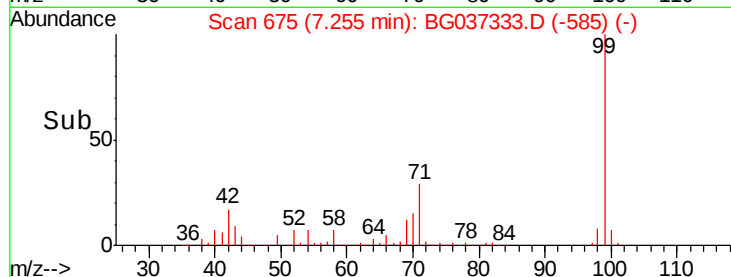
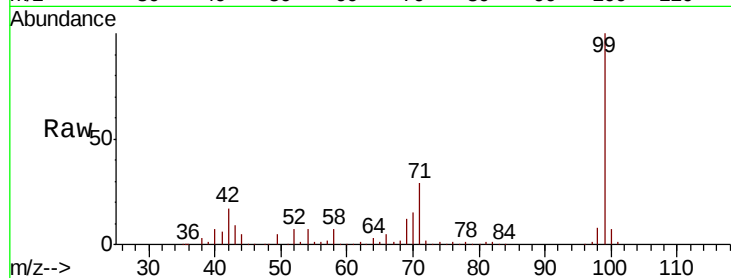
Delta R.T. 0.00 min

Lab File: BG037333.D

Acq: 15 Oct 2018 14:48

Tot Ion: 99 Resp: 373386

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.0	22.4
71	29.1	25.5	38.3



#19

n-Nitroso-di-n-propylamine

Concen: 9.404 ng

RT: 9.29 min Scan# 1022

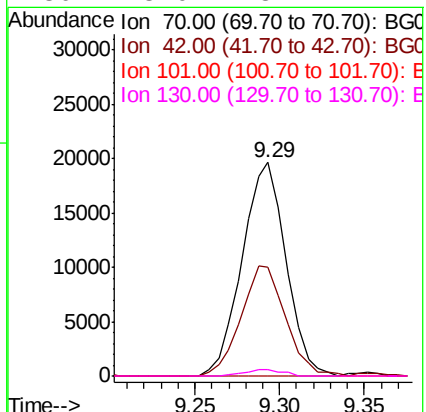
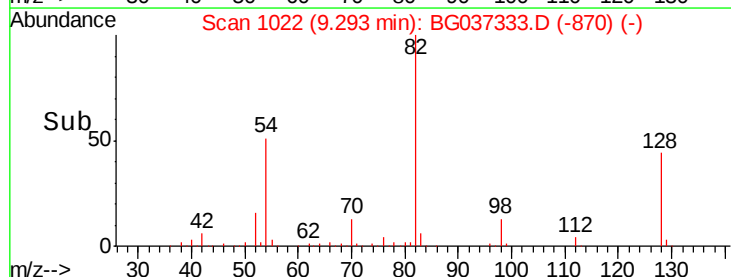
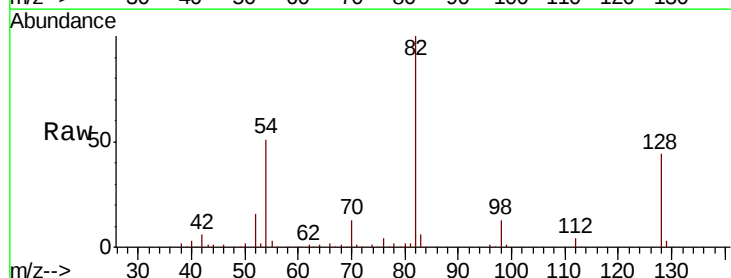
Delta R.T. 0.36 min

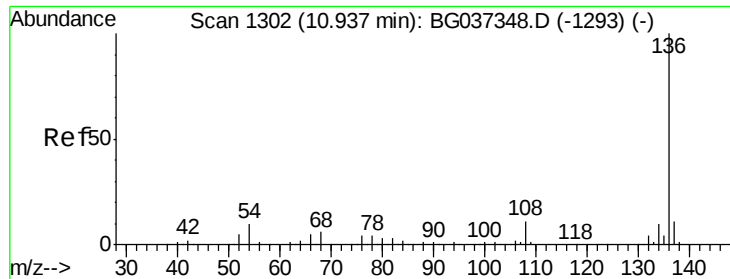
Lab File: BG037333.D

Acq: 15 Oct 2018 14:48

Tgt Ion: 70 Resp: 35316

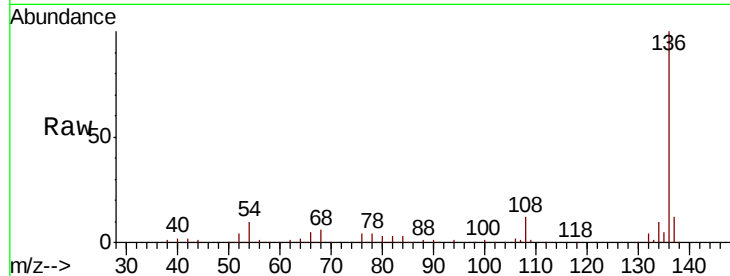
Ion	Ratio	Lower	Upper
70	100		
42	50.7	53.9	80.9#
101	0.0	8.2	12.2#
130	3.0	18.2	27.4#



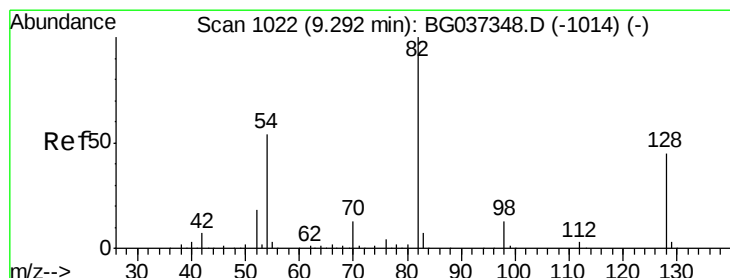
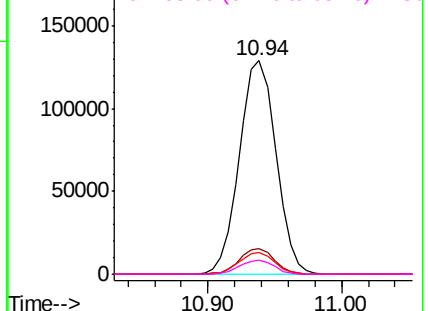
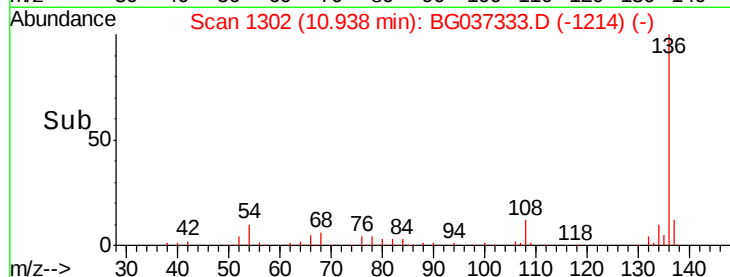


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037333.D
Acq: 15 Oct 2018 14:48

Tot Ion:136	Resp:	245088
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.6 14.4
54	10.0	7.9 11.9
68	6.4	4.8 7.2

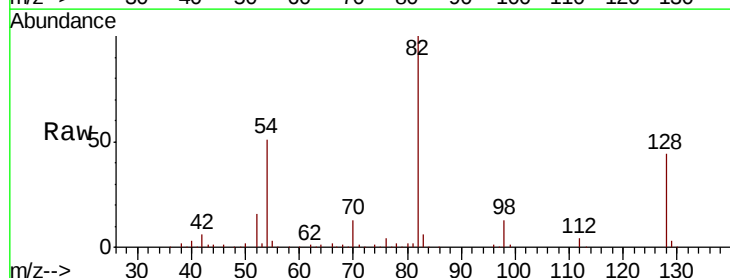


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

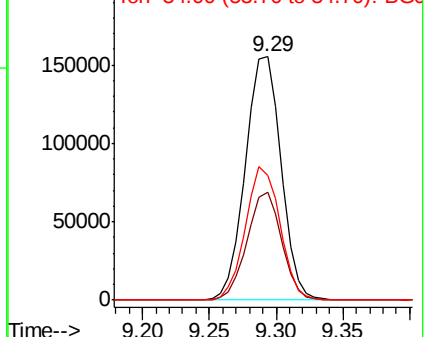
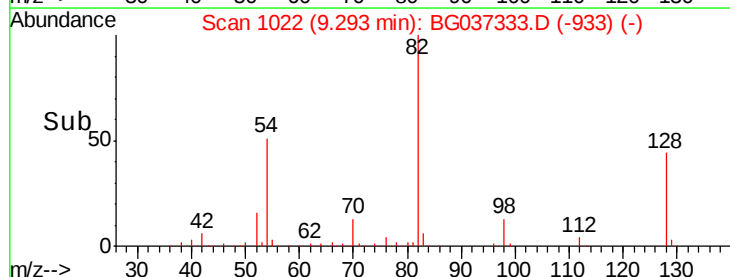


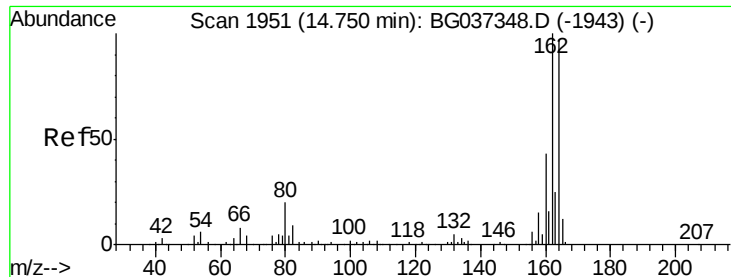
#23
Nitrobenzene-d5
Concen: 77.021 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037333.D
Acq: 15 Oct 2018 14:48

Tgt Ion: 82	Resp:	287123
Ion	Ratio	Lower Upper
82	100	
128	44.5	34.6 51.8
54	51.0	45.3 67.9



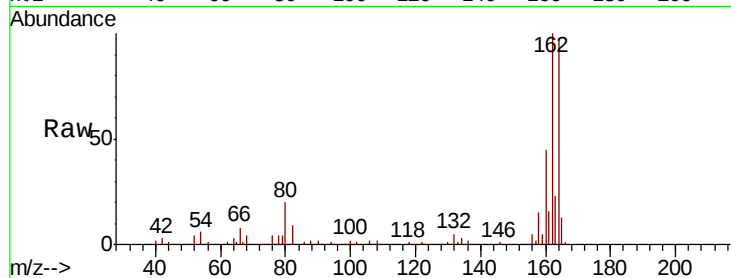
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



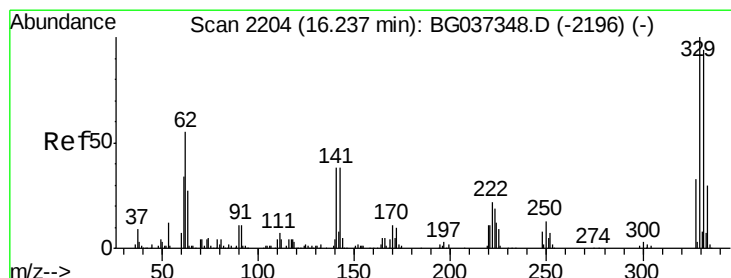
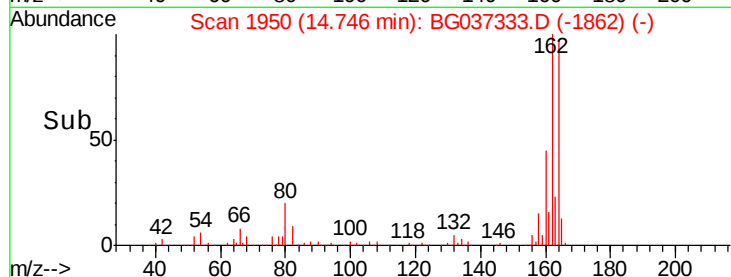
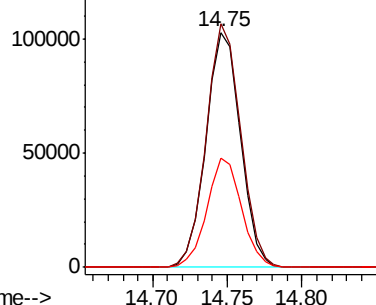


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037333.D
Acq: 15 Oct 2018 14:48

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.3	121.9
160	46.2	36.3	54.5

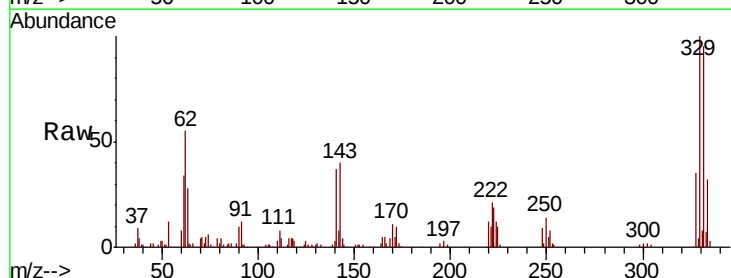


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

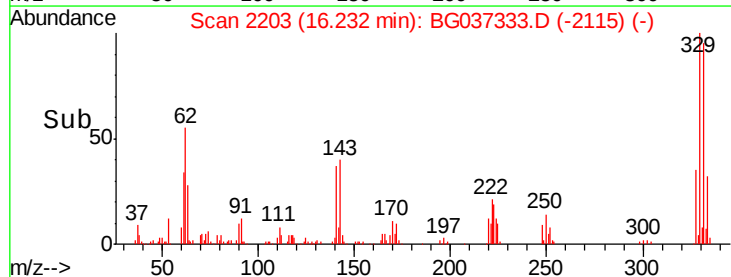
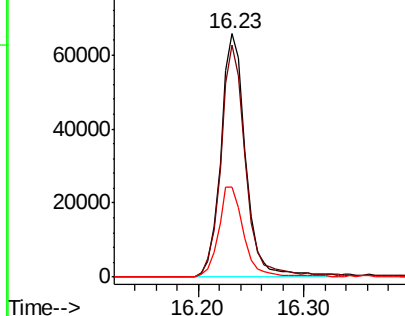


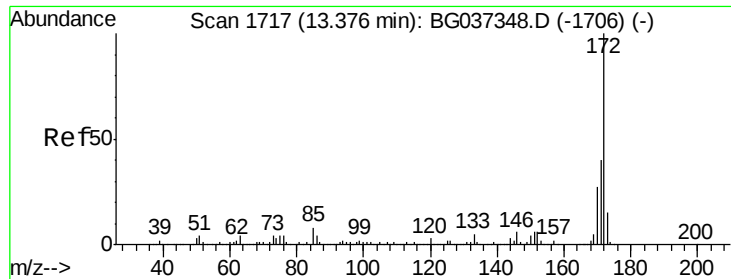
#42
2,4,6-Tribromophenol
Concen: 66.608 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037333.D
Acq: 15 Oct 2018 14:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.4	117.6
141	37.2	32.2	48.2



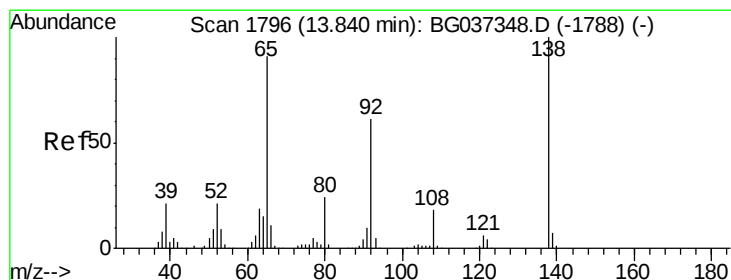
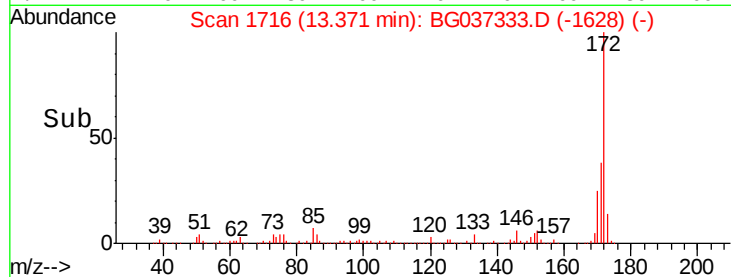
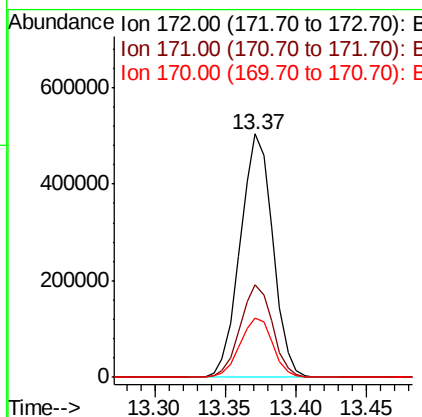
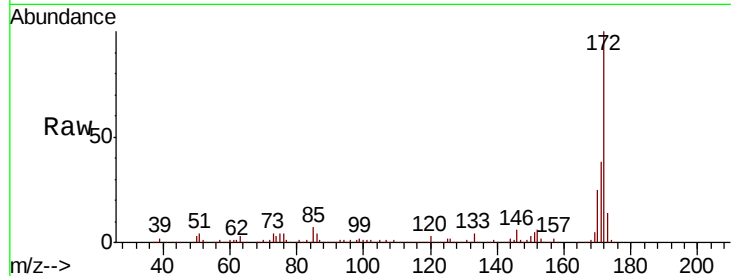
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





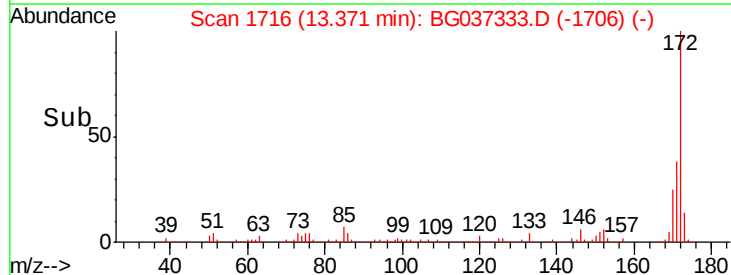
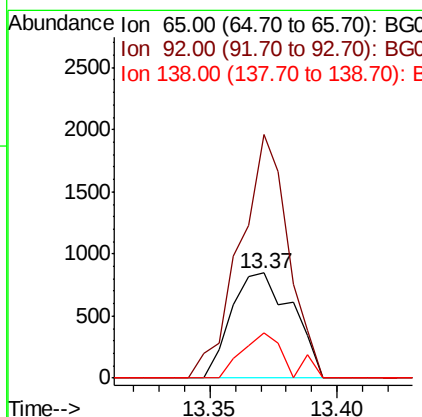
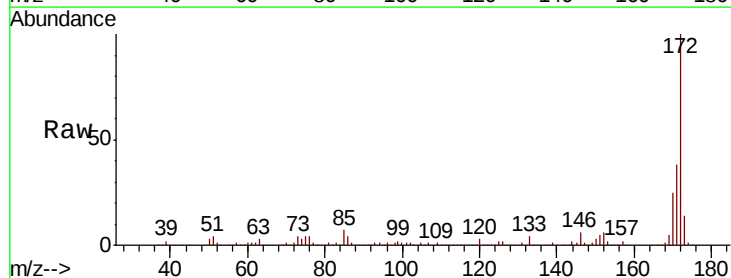
#45
 2-Fluorobiphenyl
 Concen: 73.842 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037333.D
 Acq: 15 Oct 2018 14:48

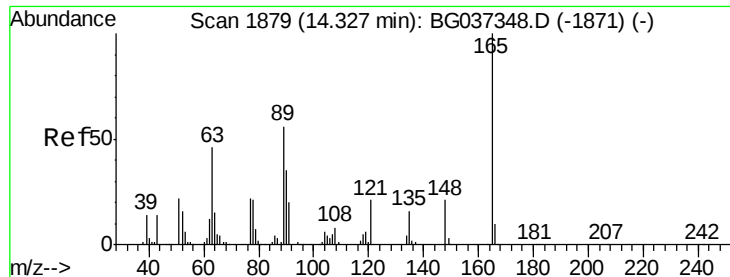
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.6	20.2	30.2



#48
 2-Nitroaniline
 Concen: 6.204 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.47 min
 Lab File: BG037333.D
 Acq: 15 Oct 2018 14:48

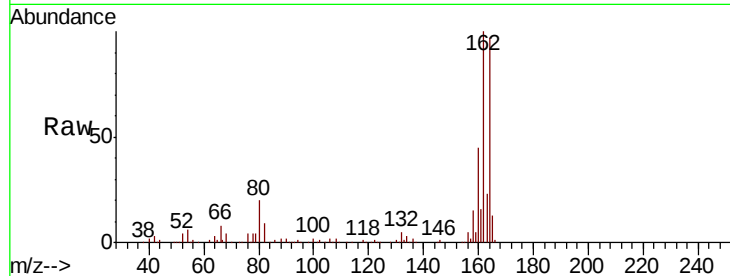
Tgt Ion	Ratio	Lower	Upper
65	100		
92	232.3	53.2	79.8#
138	43.1	79.3	118.9#



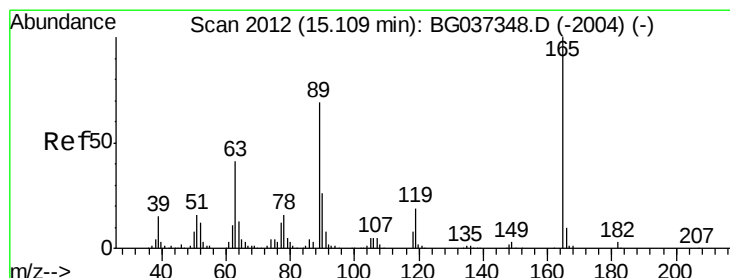
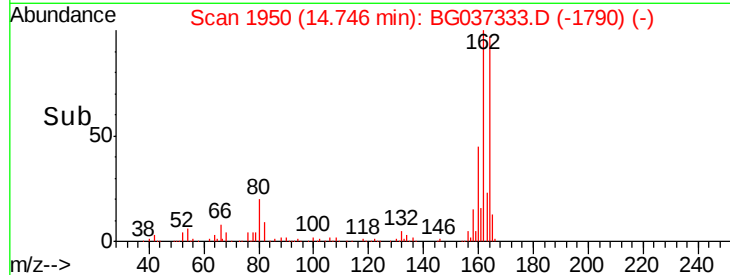
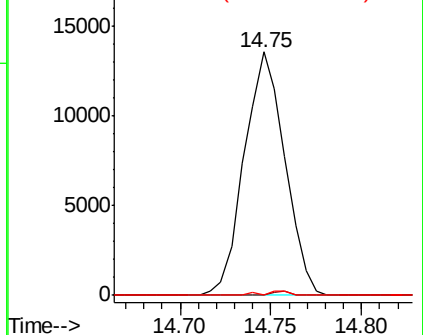


#51
 2,6-Dinitrotoluene
 Concen: 12.335 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037333.D
 Acq: 15 Oct 2018 14:48

Tot Ion:	165	Resp:	21075
Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#

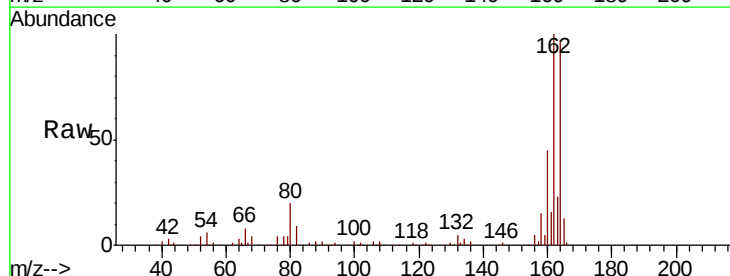


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

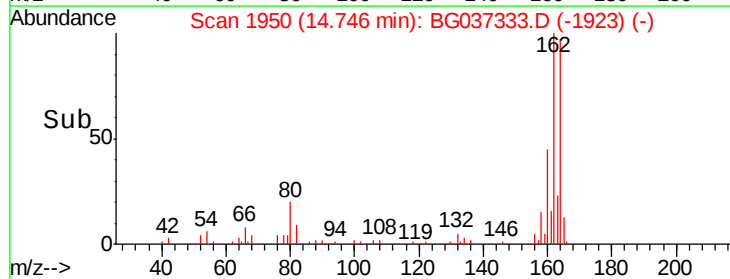
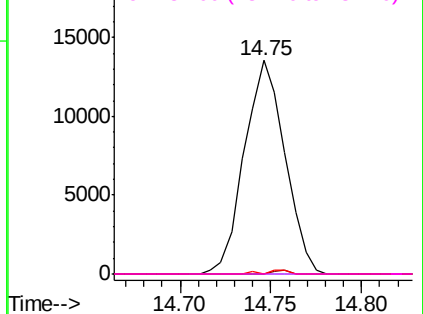


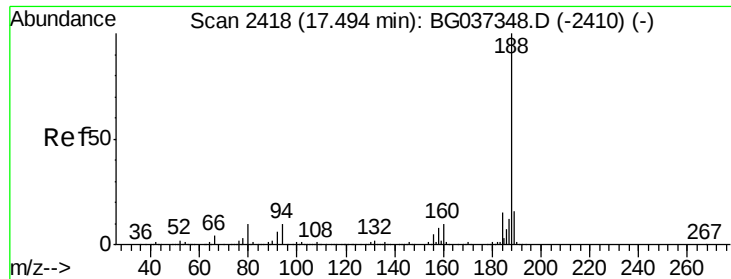
#57
 2,4-Dinitrotoluene
 Concen: 11.205 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037333.D
 Acq: 15 Oct 2018 14:48

Tgt Ion:	165	Resp:	21075
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



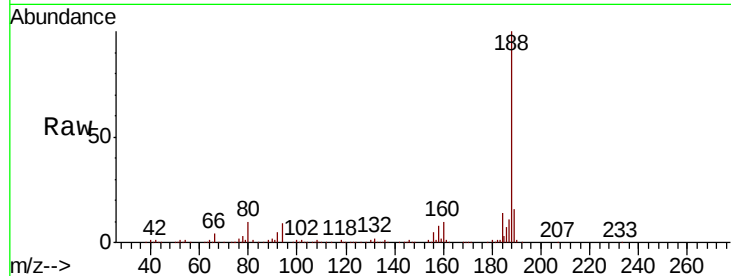
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E



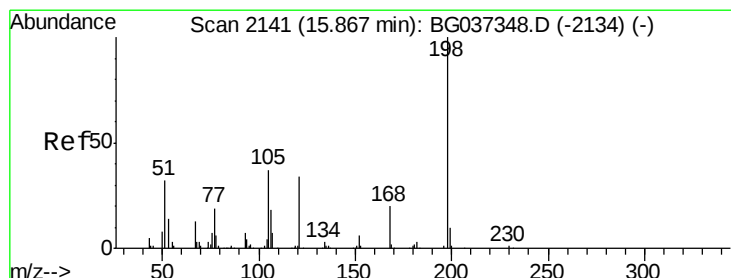
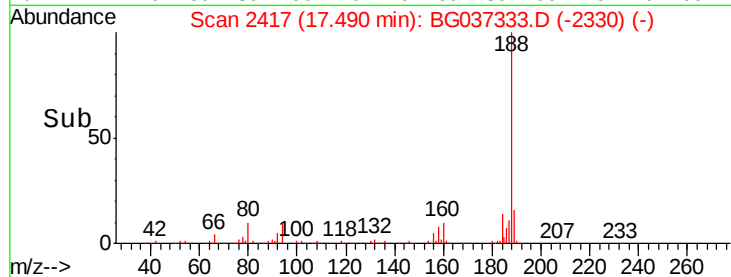
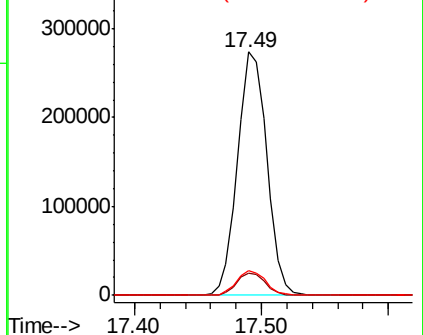


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037333.D
Acq: 15 Oct 2018 14:48

Tot Ion:188 Resp: 439614
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.4 7.7 11.5

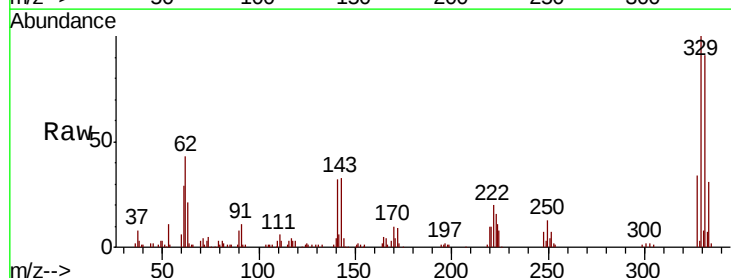


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

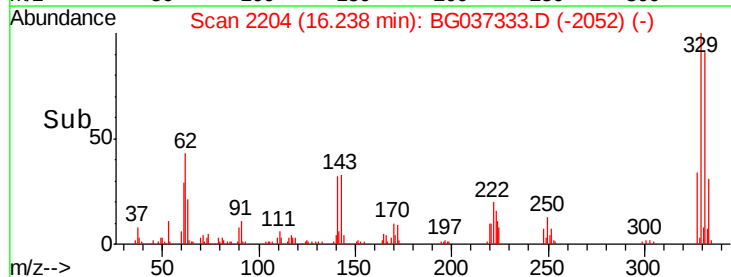
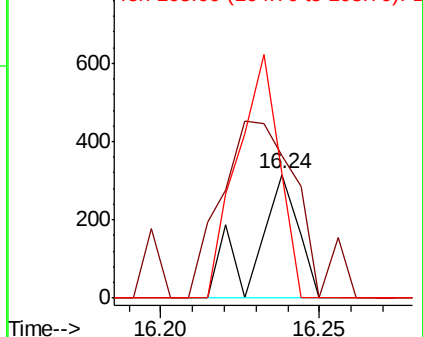


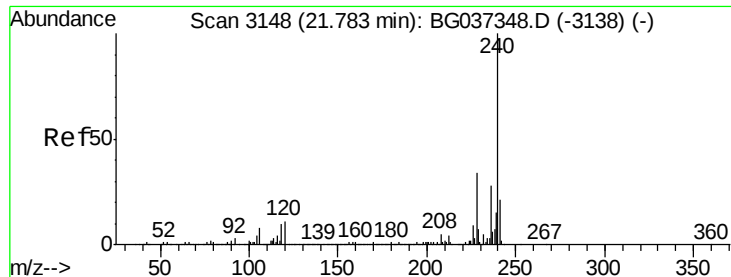
#65
4,6-Dinitro-2-methylphenol
Concen: 6.131 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.37 min
Lab File: BG037333.D
Acq: 15 Oct 2018 14:48

Tgt Ion:198 Resp: 292
Ion Ratio Lower Upper
198 100
51 37.5 22.7 62.7
105 33.0 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

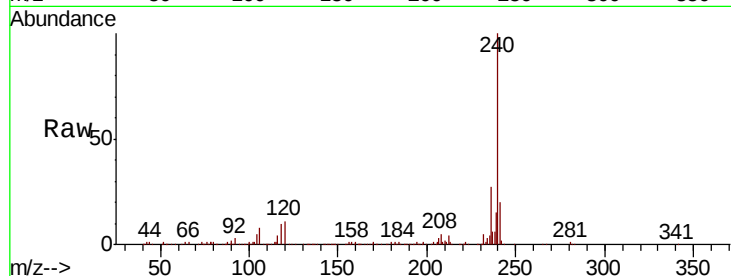
Delta R.T. -0.02 min

Lab File: BG037333.D

Acq: 15 Oct 2018 14:48

Tot Ion:240 Resp: 421760

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.1	12.1
236	26.5	21.4	32.0

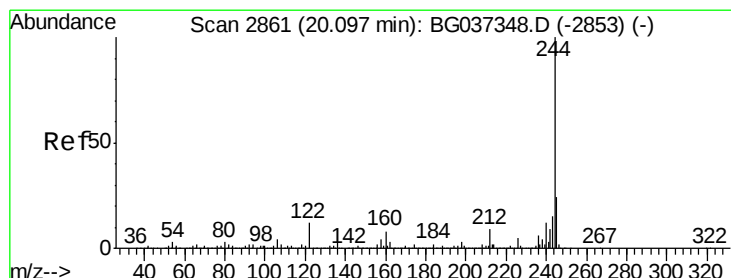
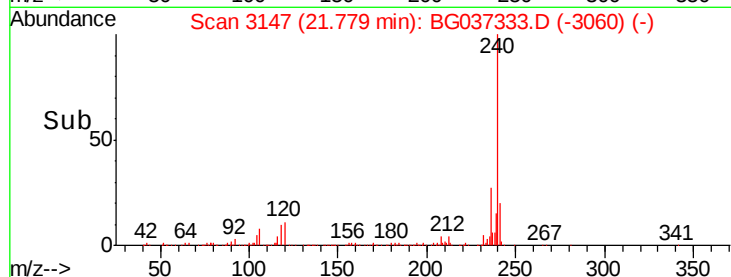
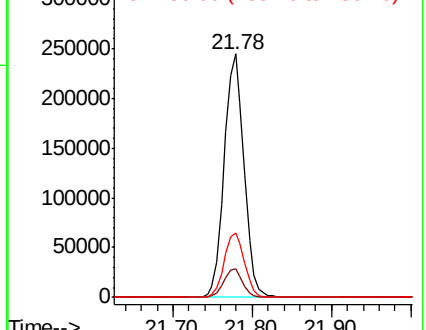


Abundance

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: 64.580 ng

RT: 20.09 min Scan# 2860

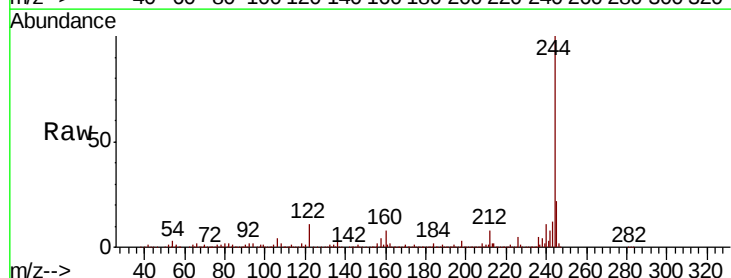
Delta R.T. -0.01 min

Lab File: BG037333.D

Acq: 15 Oct 2018 14:48

Tgt Ion:244 Resp: 1297173

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.0	9.0	13.4

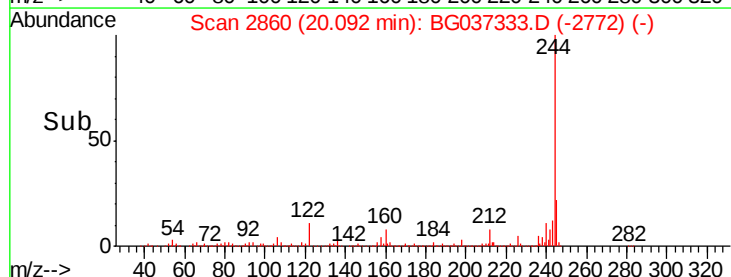
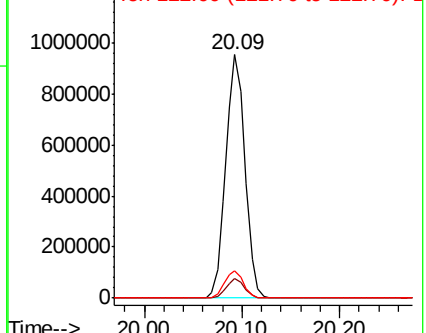


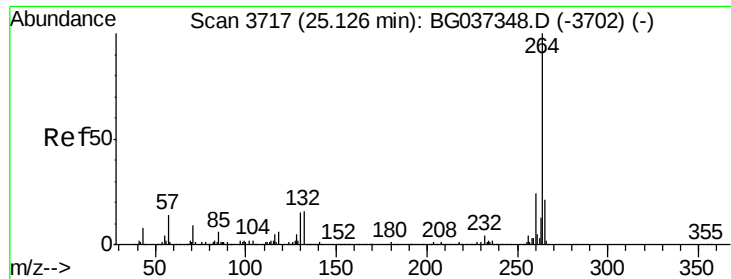
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

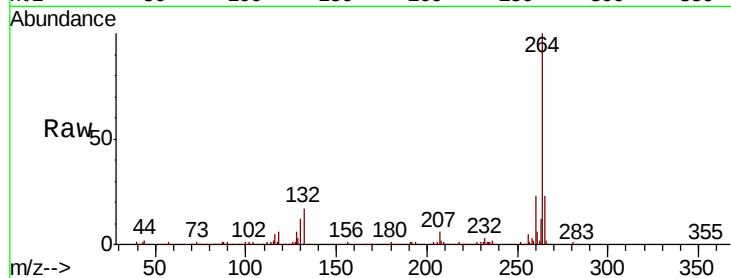
Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG037333.D
 Acq: 15 Oct 2018 14:48

Tot Ion:	264	Resp:	416782
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.9	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

