

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037907.D
 Acq On : 9 Nov 2018 6:16
 Operator : JU/SJ
 Sample : J5838-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

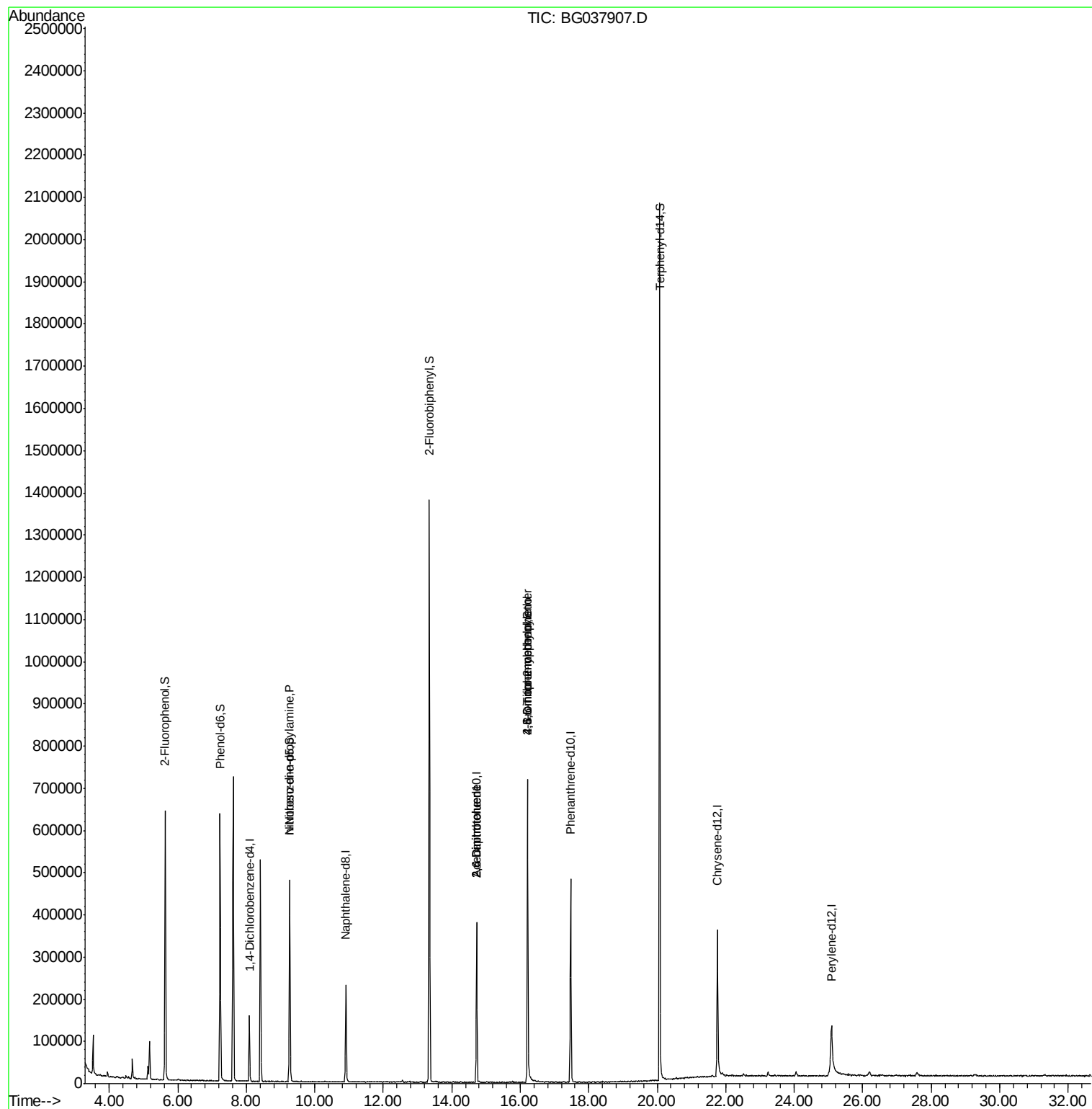
Quant Time: Nov 09 14:45:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46836	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	212863	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	139644	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	308913	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	266185	20.00	ng	-0.02
87) Perylene-d12	25.09	264	201964	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	306009	109.23	ng	-0.01
7) Phenol-d6	7.24	99	399888	94.40	ng	-0.01
23) Nitrobenzene-d5	9.27	82	307732	80.99	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	150761	98.98	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	760315	82.10	ng	-0.02
79) Terphenyl-d14	20.07	244	1088023	87.34	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	38634	13.244	ng	# 74
51) 2,6-Dinitrotoluene	14.72	165	18141	7.591	ng	# 24
57) 2,4-Dinitrotoluene	14.72	165	18141	5.783	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	418	8.720	ng	88
67) 4-Bromophenyl-phenylether	16.21	248	10278	3.030	ng	# 1

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

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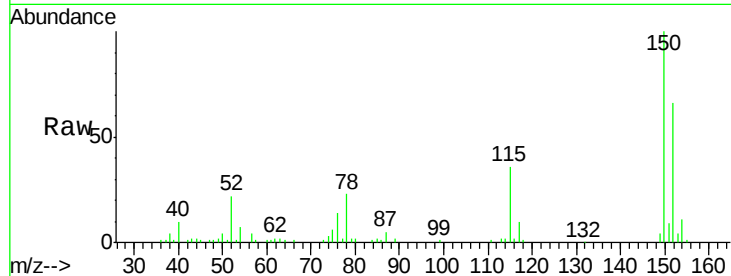




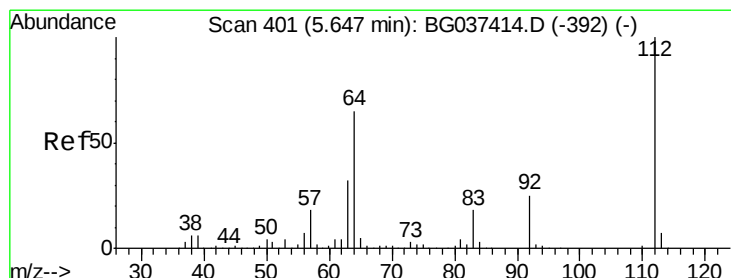
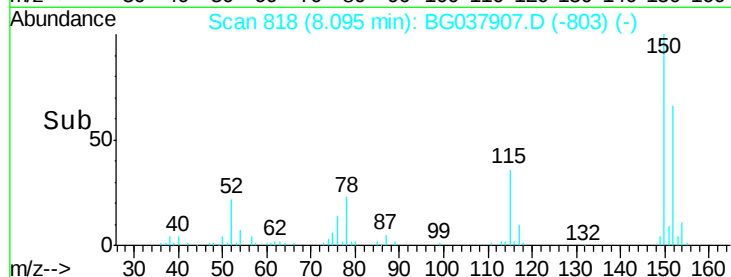
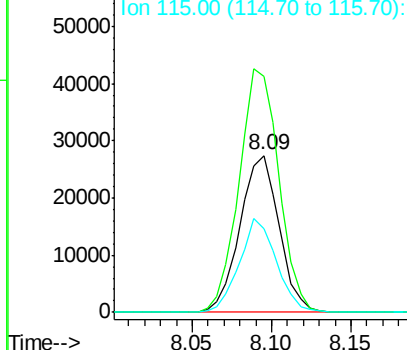
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037907.D
Acq: 9 Nov 2018 6:16

Tgt Ion:152 Resp: 46836
Ion Ratio Lower Upper
152 100
150 150.8 126.0 189.0
115 53.5 45.5 68.3



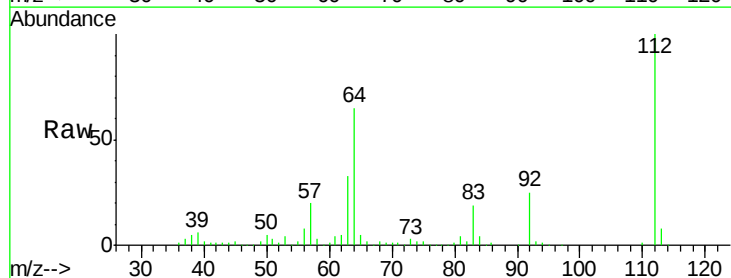
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



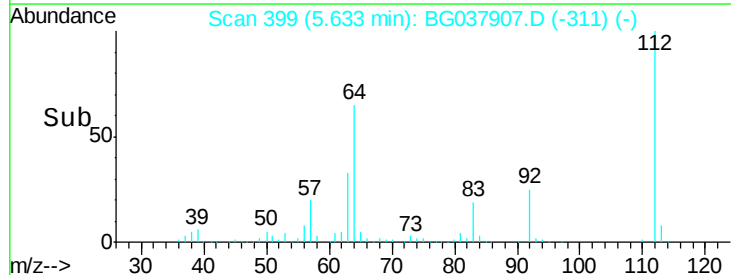
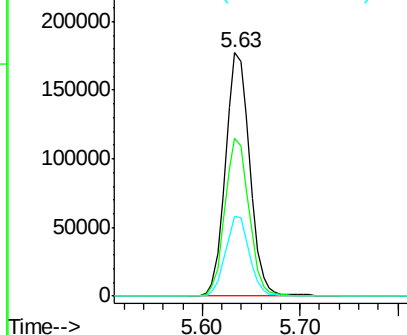
#5

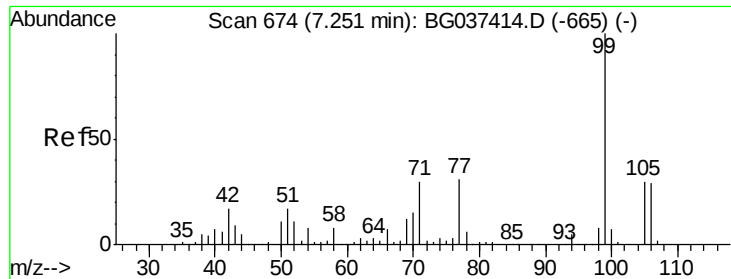
2-Fluorophenol
Concen: 109.233 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037907.D
Acq: 9 Nov 2018 6:16

Tgt Ion:112 Resp: 306009
Ion Ratio Lower Upper
112 100
64 64.9 53.1 79.7
63 32.9 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: 94.399 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037907.D

Acq: 9 Nov 2018 6:16

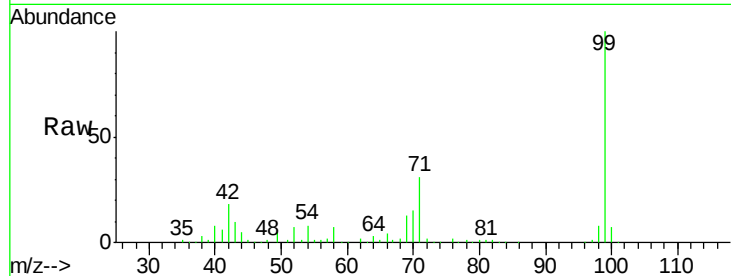
Tgt Ion: 99 Resp: 399888

Ion Ratio Lower Upper

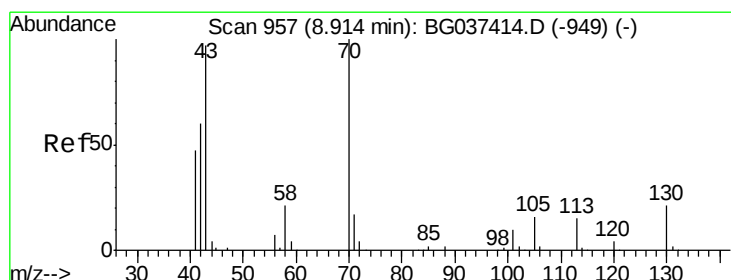
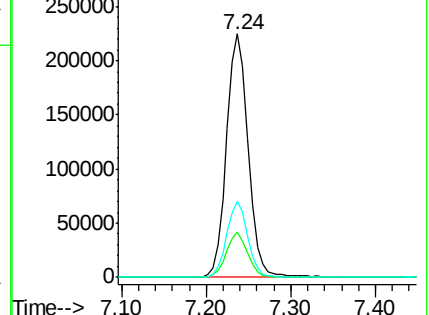
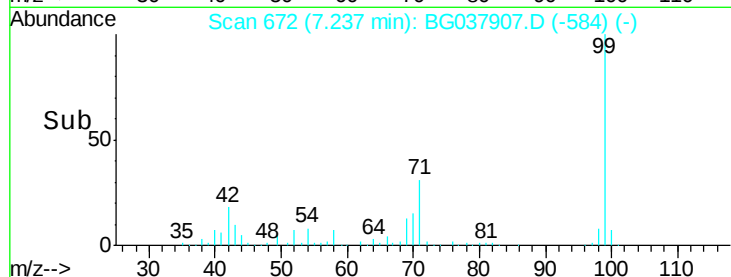
99 100

42 18.5 15.0 22.4

71 31.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.244 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037907.D

Acq: 9 Nov 2018 6:16

Tgt Ion: 70 Resp: 38634

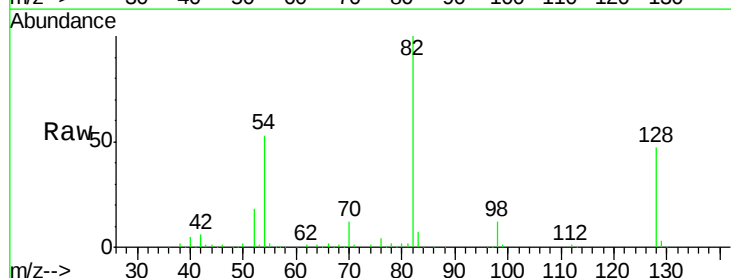
Ion Ratio Lower Upper

70 100

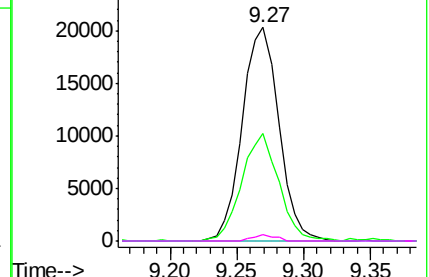
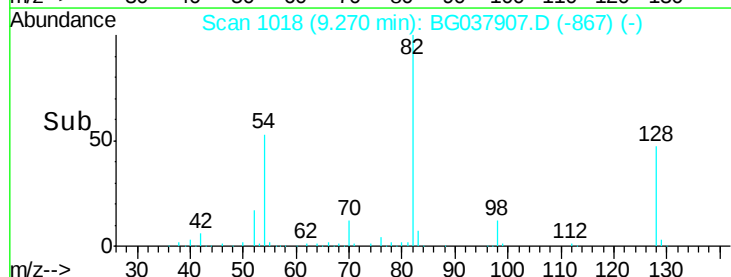
42 50.2 53.9 80.9#

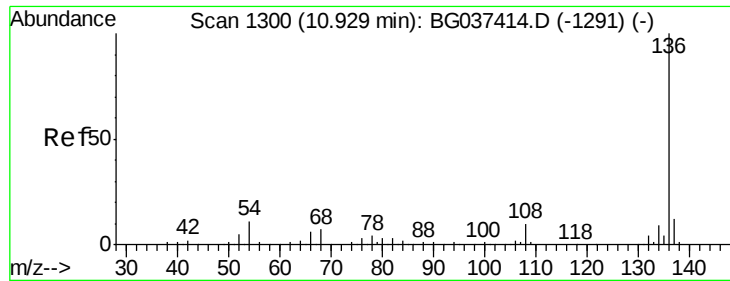
101 0.0 8.2 12.2#

130 3.1 18.2 27.4#



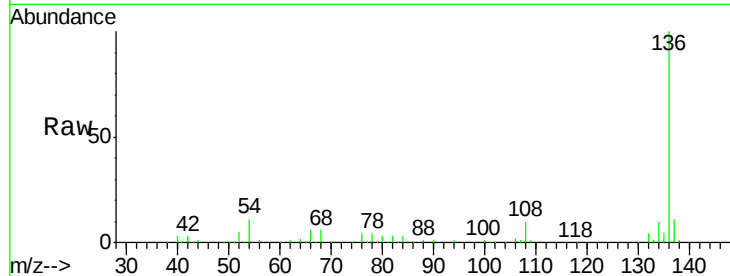
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



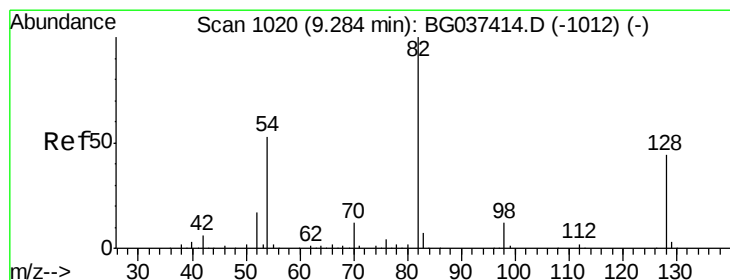
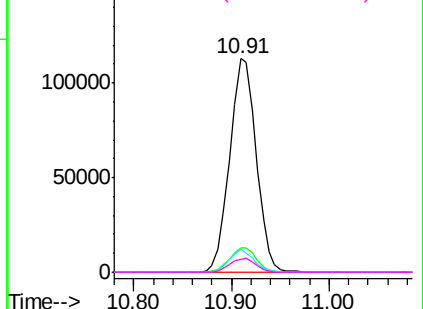
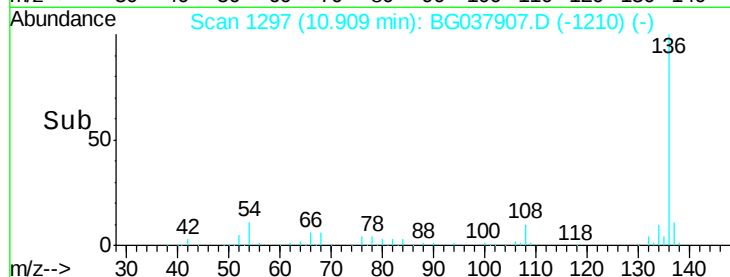


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037907.D
Acq: 9 Nov 2018 6:16

Tgt Ion:	136	Resp:	212863
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.6	7.9	11.9
68	6.3	4.8	7.2

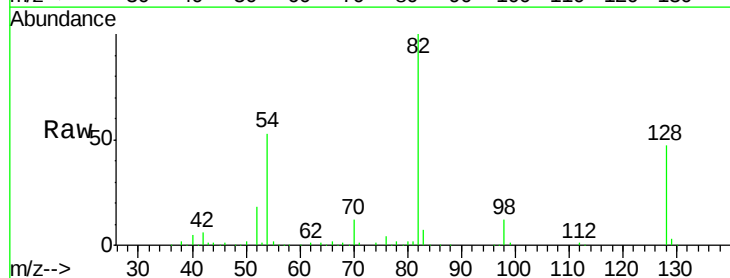


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

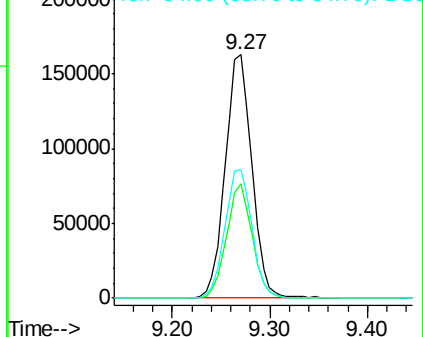
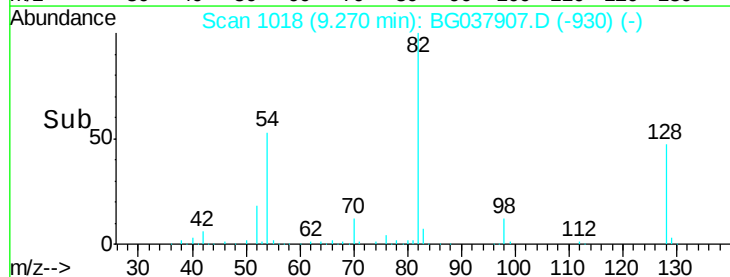


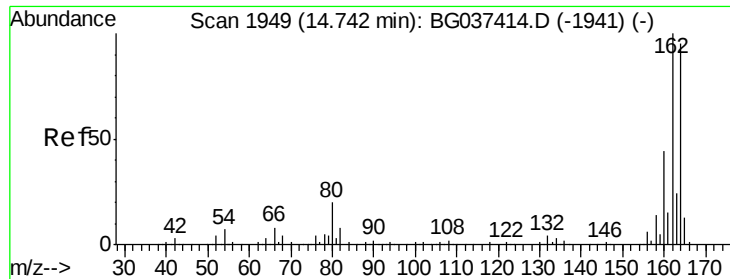
#23
Nitrobenzene-d5
Concen: 80.986 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037907.D
Acq: 9 Nov 2018 6:16

Tgt Ion:	82	Resp:	307732
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.6	51.8
54	52.6	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: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037907.D

Acq: 9 Nov 2018 6:16

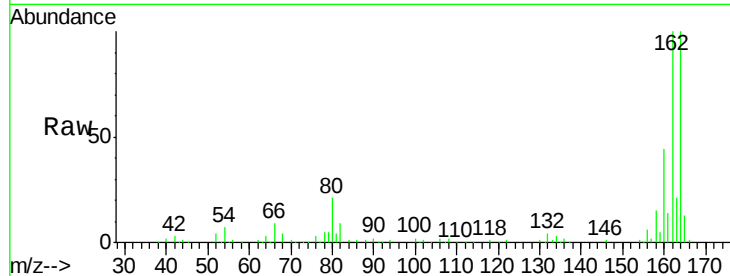
Tgt Ion:164 Resp: 139644

Ion Ratio Lower Upper

164 100

162 100.1 81.3 121.9

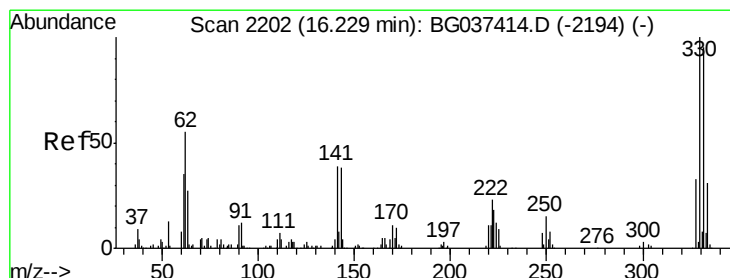
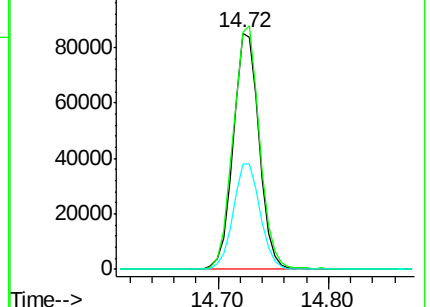
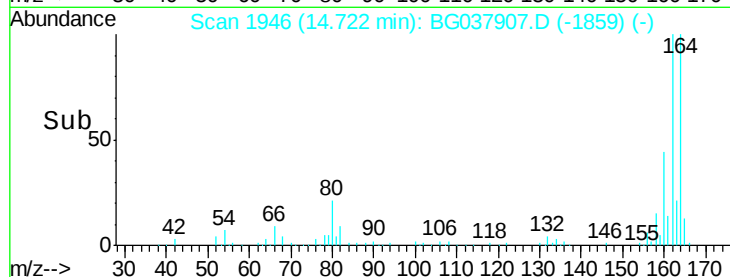
160 44.4 36.3 54.5



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: 98.984 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037907.D

Acq: 9 Nov 2018 6:16

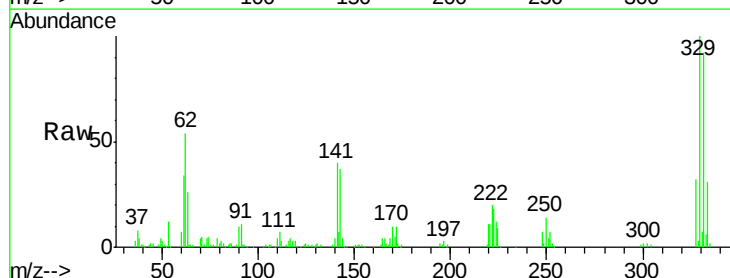
Tgt Ion:330 Resp: 150761

Ion Ratio Lower Upper

330 100

332 94.6 78.4 117.6

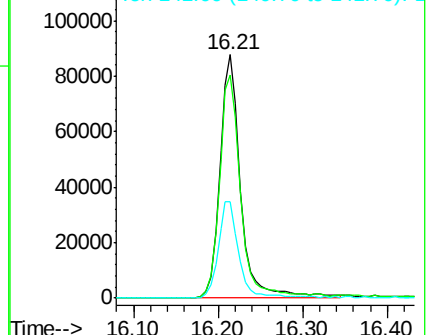
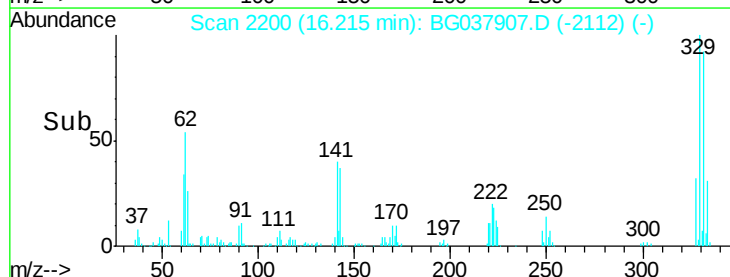
141 39.1 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

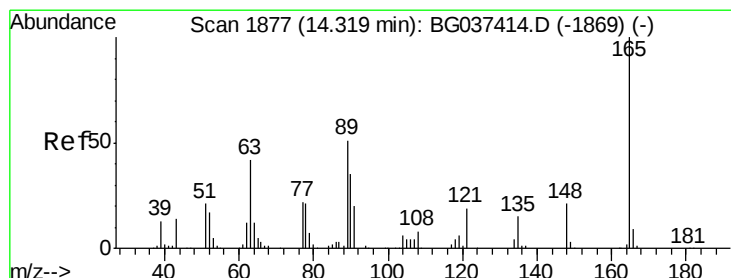
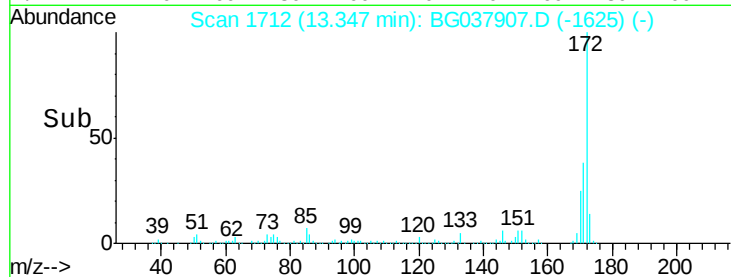
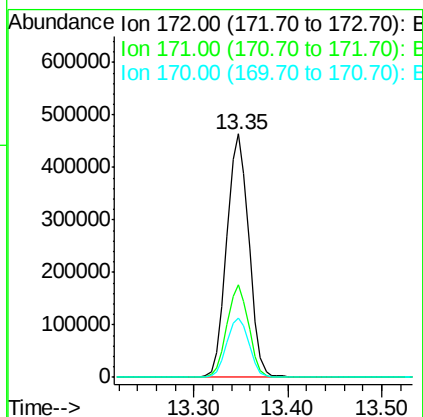
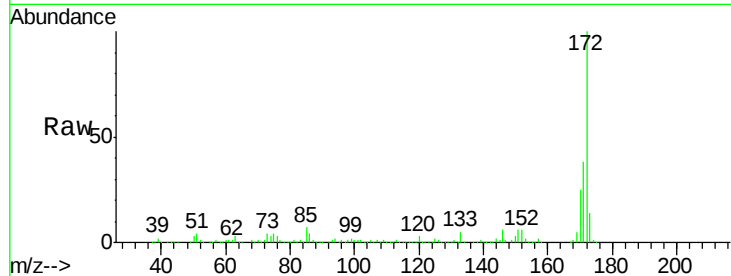
Ion 141.00 (140.70 to 141.70): E





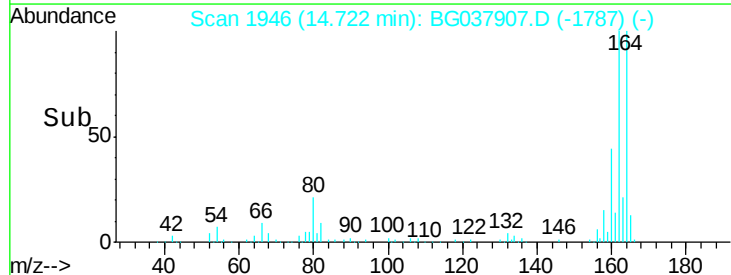
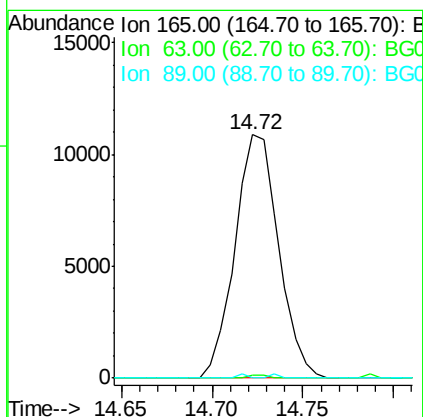
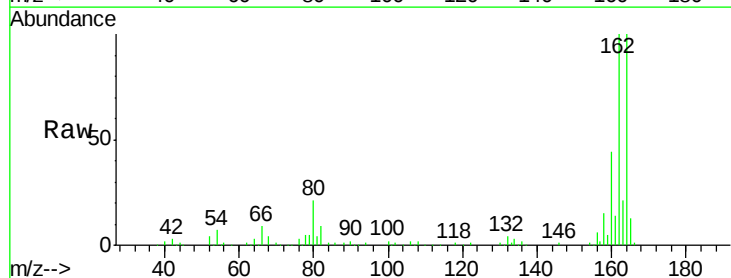
#45
 2-Fluorobiphenyl
 Concen: 82.103 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037907.D
 Acq: 9 Nov 2018 6:16

Tgt Ion:	172	Resp:	760315
Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.5	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.591 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037907.D
 Acq: 9 Nov 2018 6:16

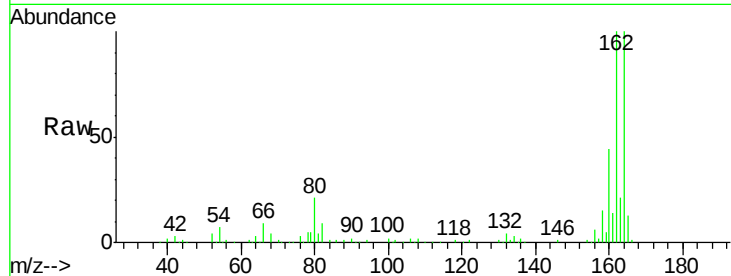
Tgt Ion:	165	Resp:	18141
Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	0.0	45.8	68.6#





#57
 2,4-Dinitrotoluene
 Concen: 5.783 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037907.D
 Acq: 9 Nov 2018 6:16

Tgt Ion:	165	Resp:	18141
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#

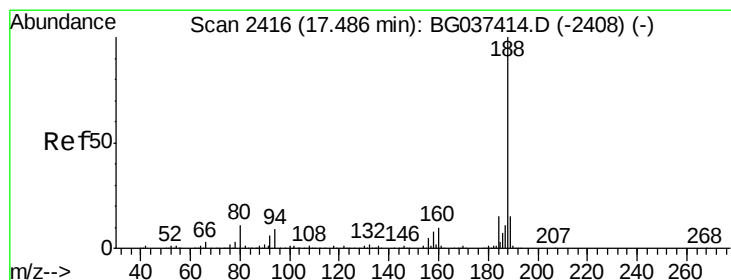
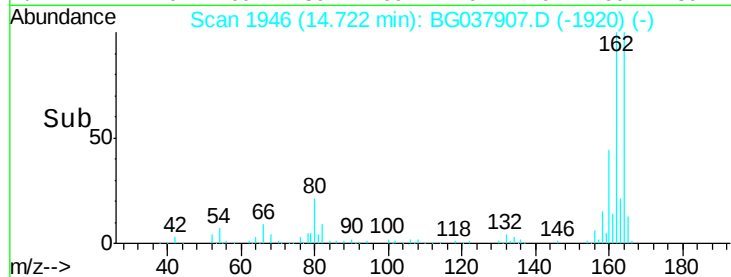
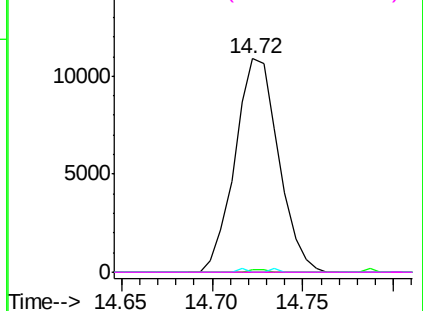


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

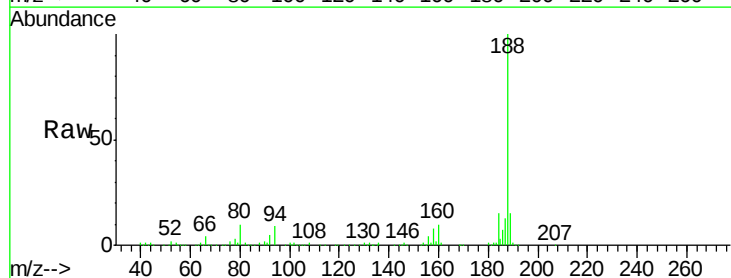
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037907.D
 Acq: 9 Nov 2018 6:16

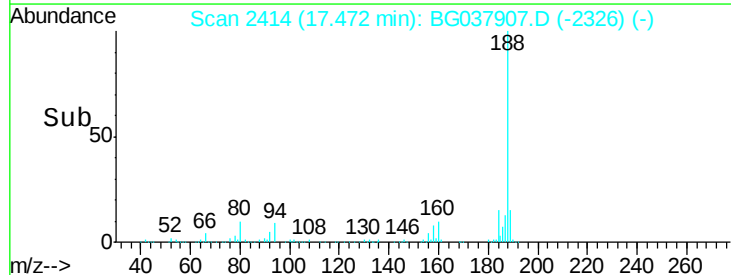
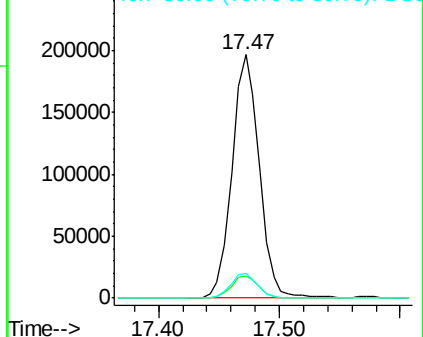
Tgt Ion:	188	Resp:	308913
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.2	7.7	11.5



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: 8.720 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037907.D

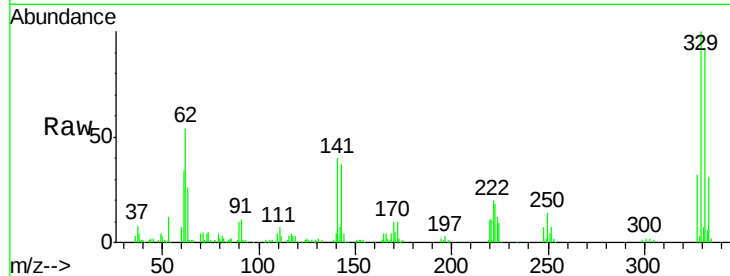
Acq: 9 Nov 2018 6:16

Tgt Ion:198 Resp: 418

Ion	Ratio	Lower	Upper
198	100		
51	42.8	22.7	62.7
105	24.5	19.7	59.7

51 42.8 22.7 62.7

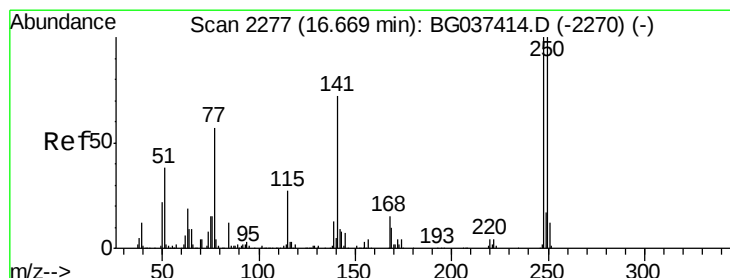
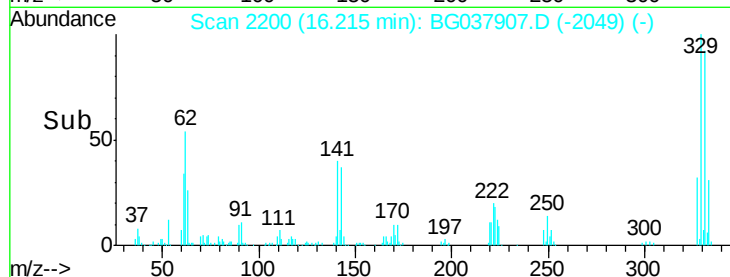
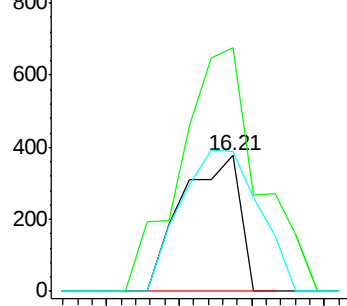
105 24.5 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037907.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): BG037907.D (-2132) (-)



#67

4-Bromophenyl-phenylether

Concen: 3.030 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.45 min

Lab File: BG037907.D

Acq: 9 Nov 2018 6:16

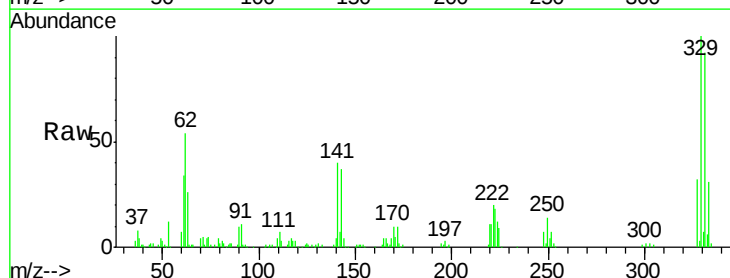
Tgt Ion:248 Resp: 10278

Ion	Ratio	Lower	Upper
248	100		
250	191.5	77.0	115.6#
141	409.6	55.5	83.3#

248 100

250 191.5 77.0 115.6#

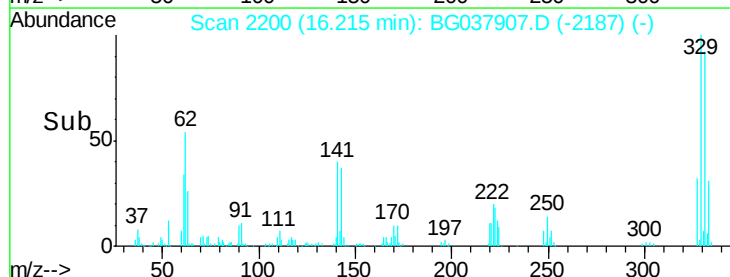
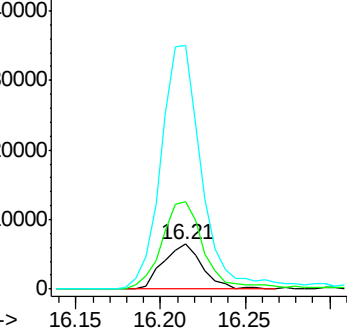
141 409.6 55.5 83.3#

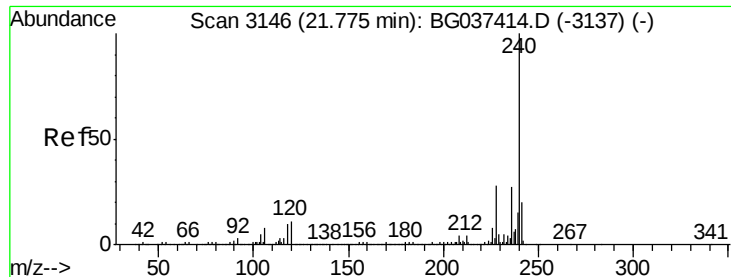


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): BG037907.D (-2270) (-)

Ion 141.00 (140.70 to 141.70): BG037907.D (-2270) (-)





#76

Chrysene-d12

Concen: 20.000 ng

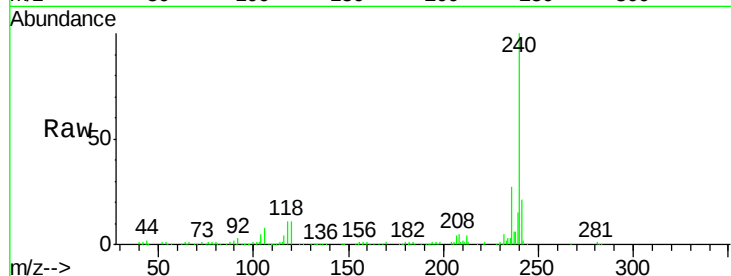
RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037907.D

Acq: 9 Nov 2018 6:16

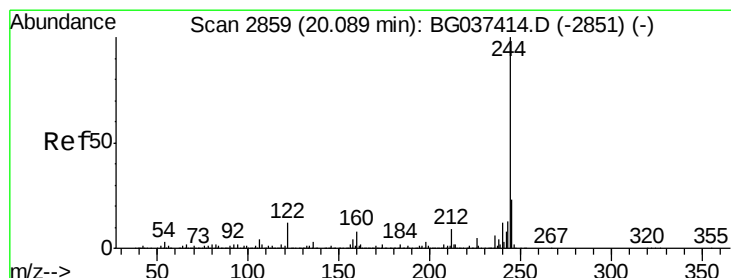
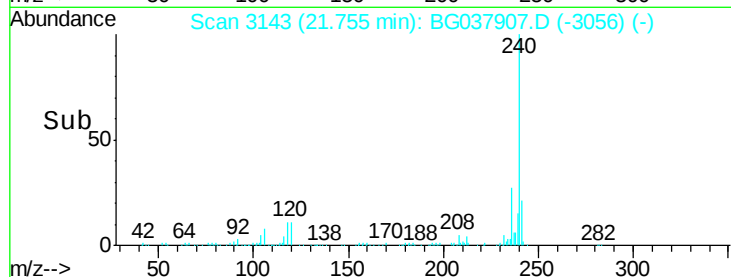
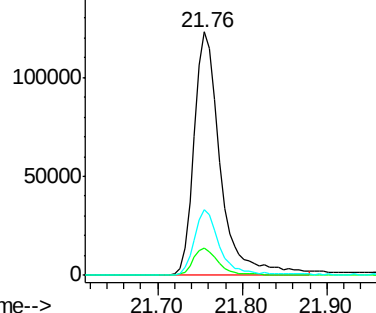
Tgt Ion:	240	Resp:	266185
Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	26.9	21.4	32.0



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: 87.340 ng

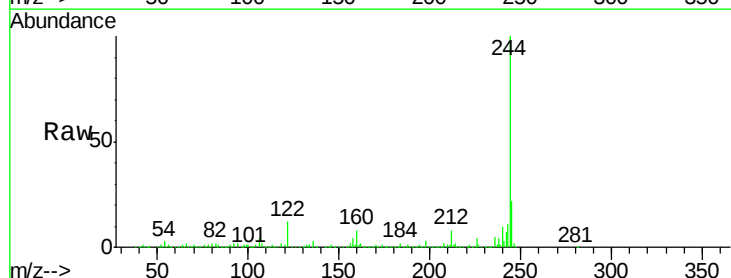
RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037907.D

Acq: 9 Nov 2018 6:16

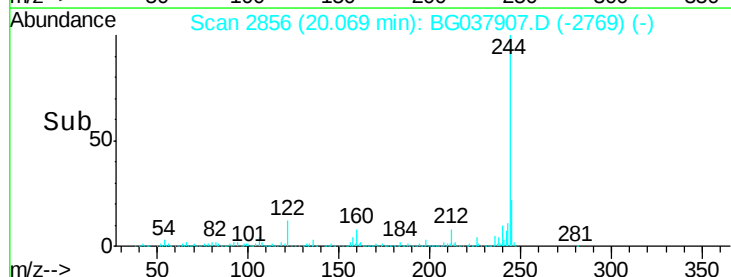
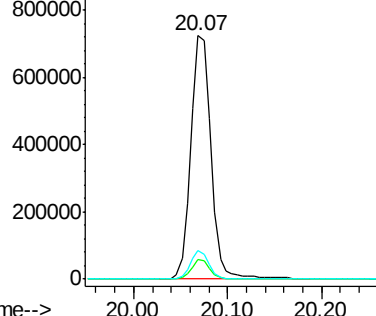
Tgt Ion:	244	Resp:	1088023
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.6	9.0	13.4

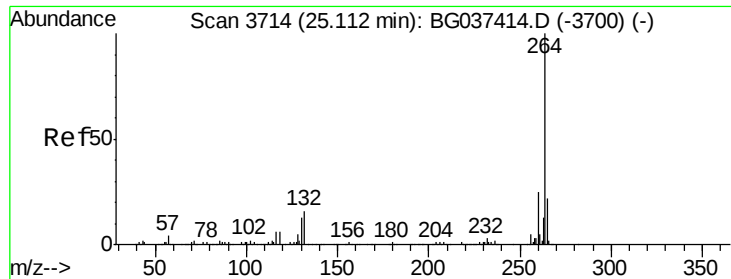


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

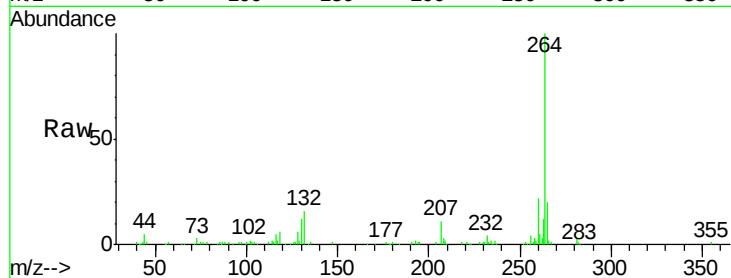
Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037907.D
Acq: 9 Nov 2018 6:16

Tgt Ion:	264	Resp:	201964
Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.2	27.4
265	19.9	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

