

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
 Data File : BG038028.D
 Acq On : 15 Nov 2018 21:34
 Operator : JU/SJ
 Sample : J5767-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

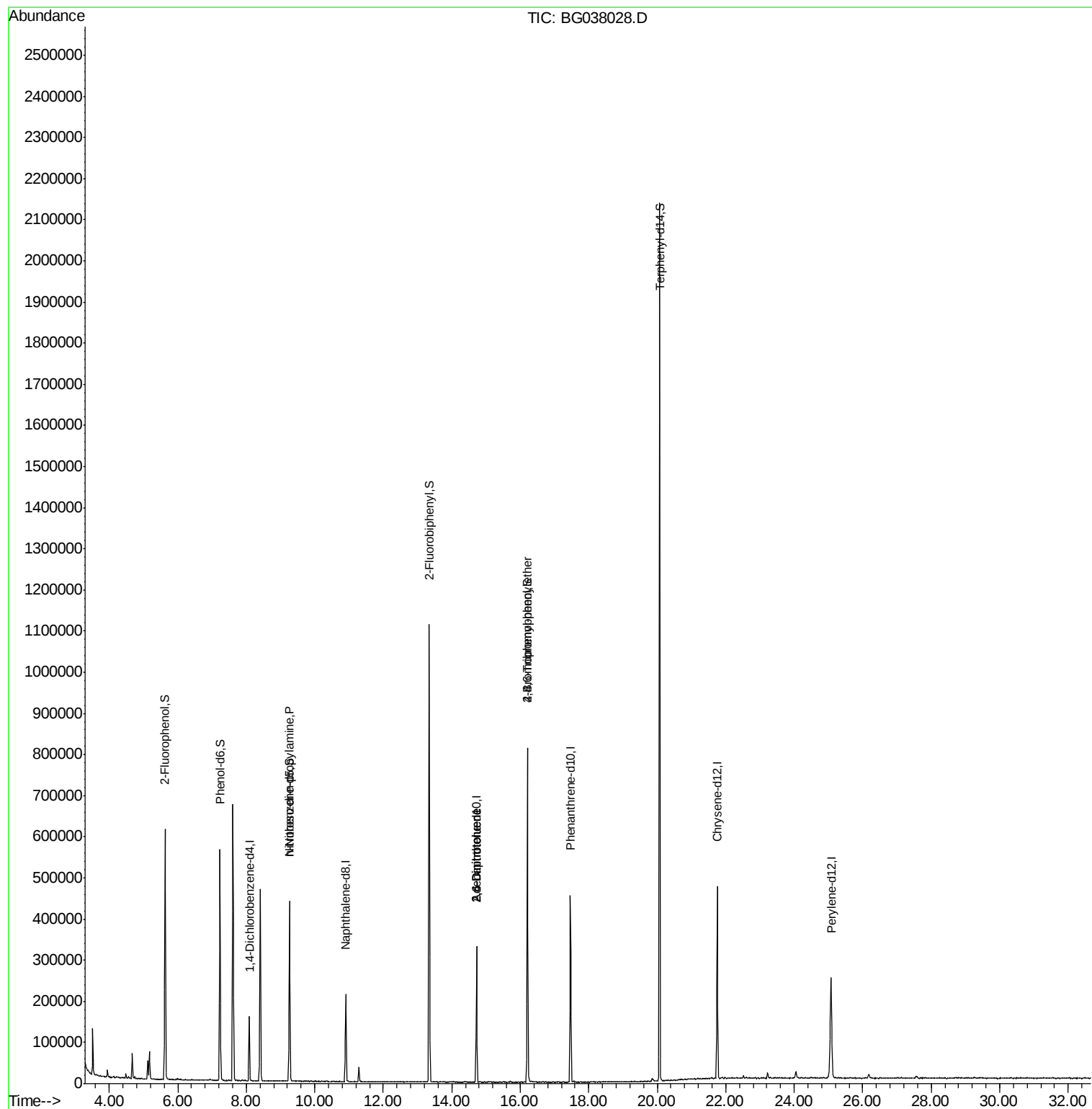
Quant Time: Nov 16 06:28:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

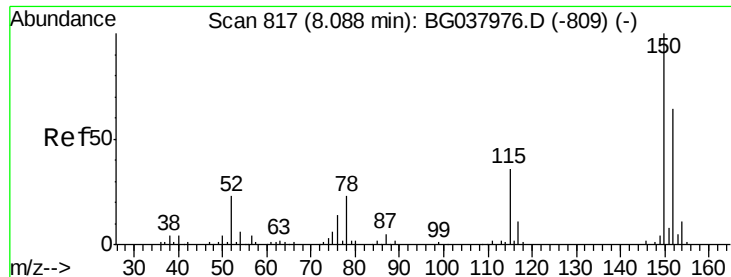
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	45786	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	191331	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	121105	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	297459	20.00	ng	0.00
76) Chrysene-d12	21.75	240	280108	20.00	ng	0.00
87) Perylene-d12	25.07	264	283403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	279538	105.41	ng	0.00
7) Phenol-d6	7.23	99	342428	90.46	ng	0.00
23) Nitrobenzene-d5	9.26	82	272053	76.11	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	144189	104.40	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	612861	73.73	ng	0.00
79) Terphenyl-d14	20.07	244	993374	83.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	34787	12.701	ng	# 71
51) 2,6-Dinitrotoluene	14.72	165	15803	7.273	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	15803	5.345	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	10025	3.071	ng	# 1

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

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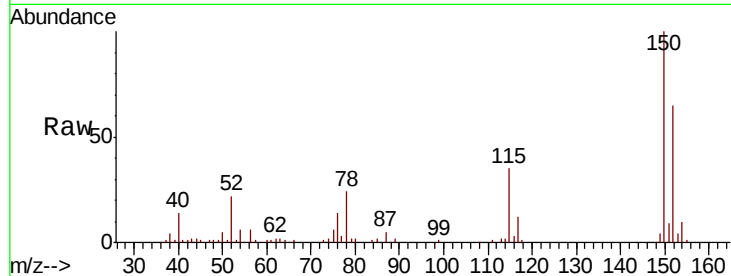




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038028.D
Acq: 15 Nov 2018 21:34

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.0	189.0
115	53.4	45.5	68.3

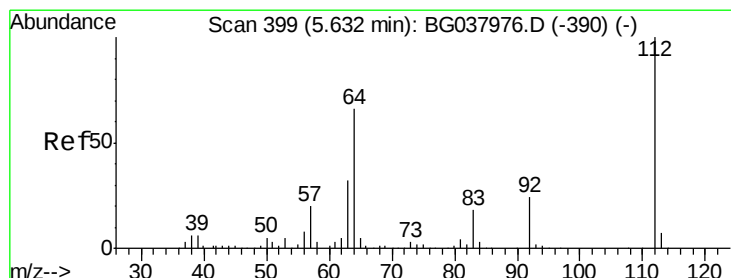
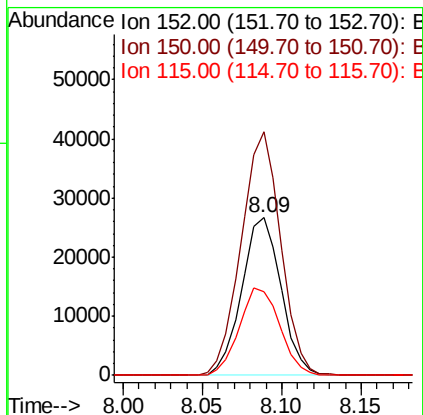
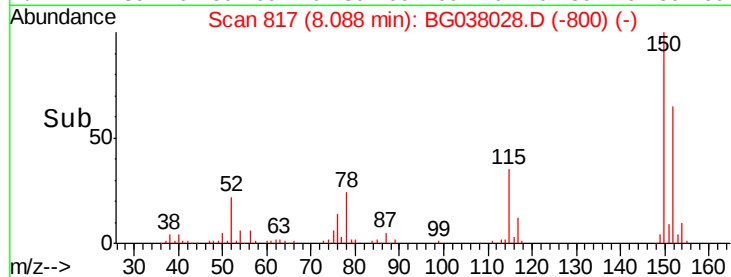


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

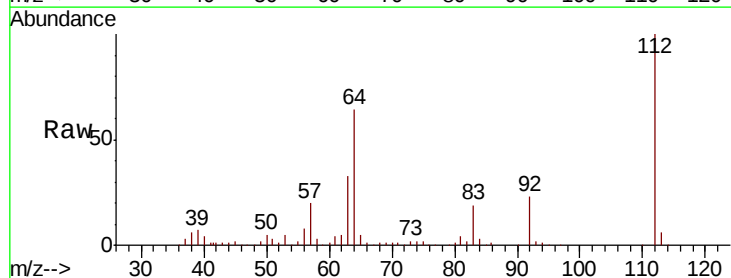
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.412 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038028.D
Acq: 15 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	53.1	79.7
63	32.8	27.3	40.9

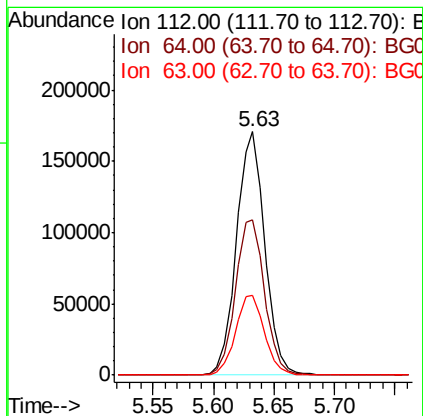
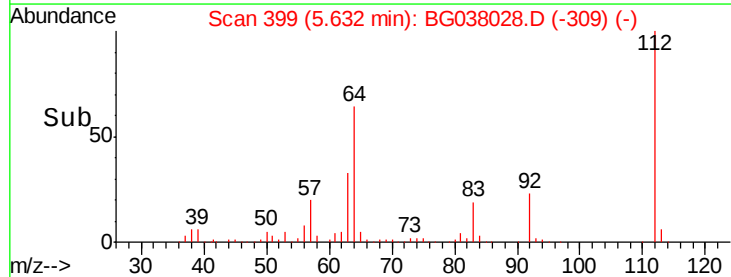


Abundance

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: 90.461 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

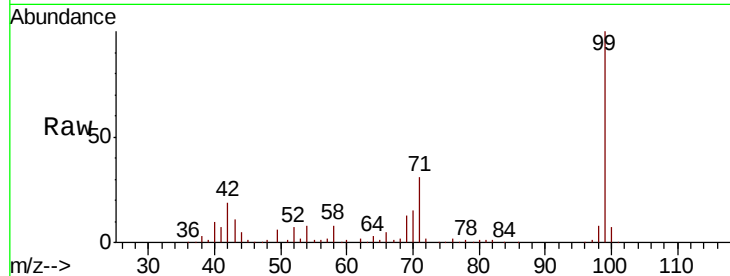
Tot Ion: 99 Resp: 342428

Ion Ratio Lower Upper

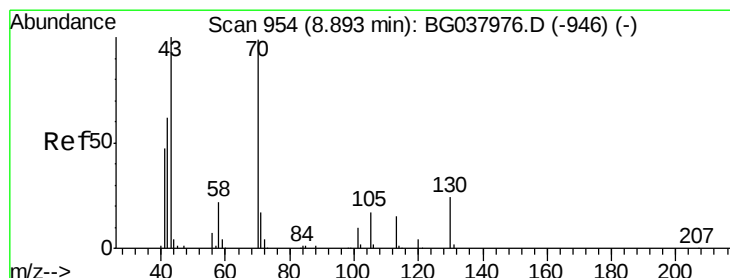
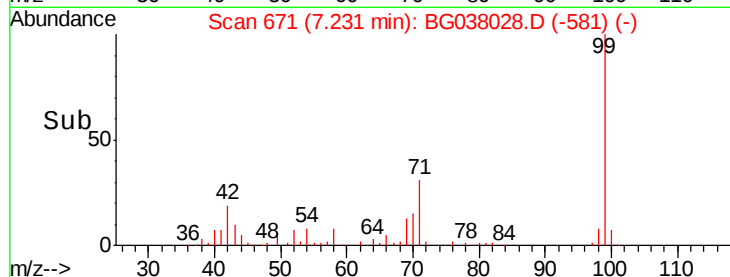
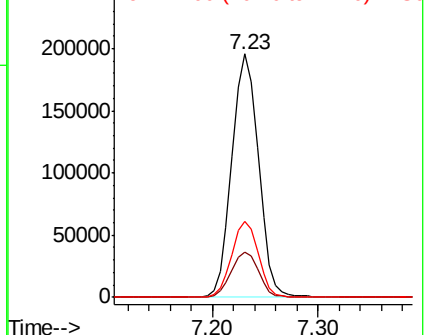
99 100

42 18.6 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: 12.701 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

Tgt Ion: 70 Resp: 34787

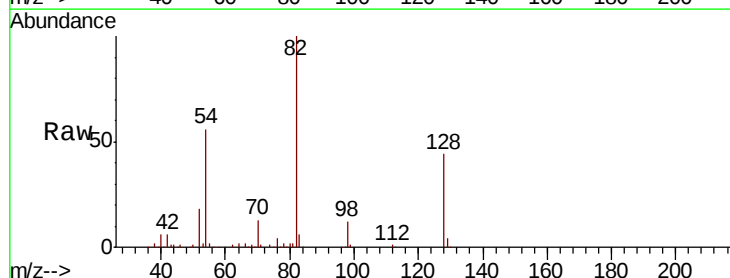
Ion Ratio Lower Upper

70 100

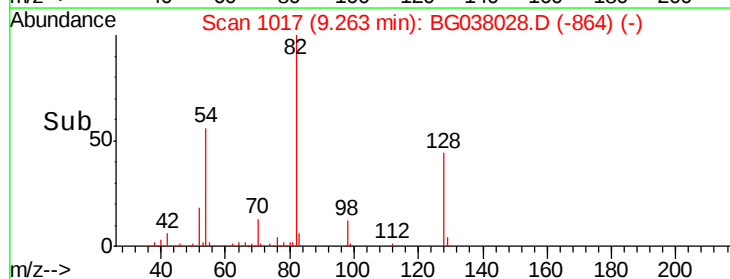
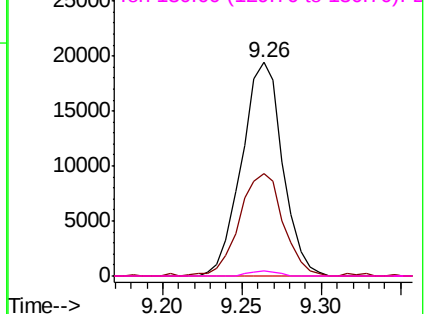
42 48.0 53.9 80.9#

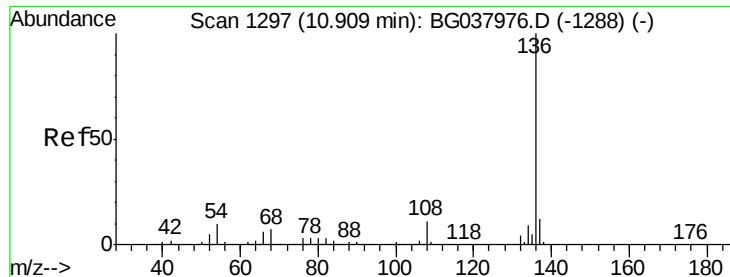
101 0.0 8.2 12.2#

130 2.3 18.2 27.4#



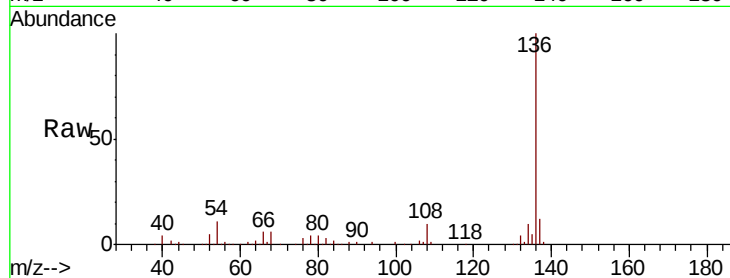
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



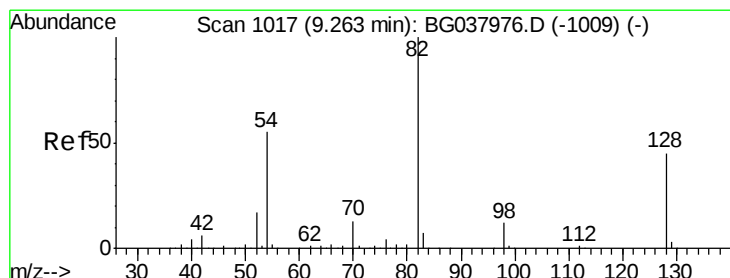
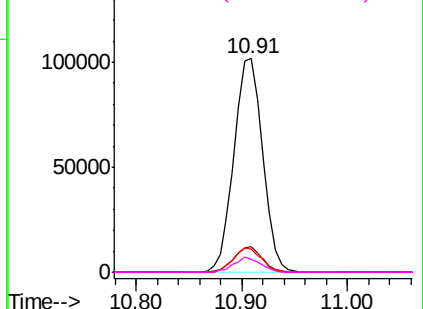
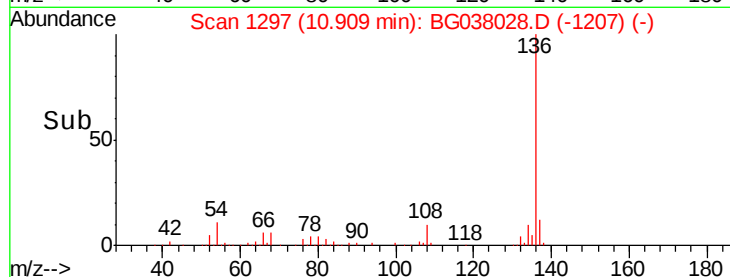


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038028.D
Acq: 15 Nov 2018 21:34

Tot Ion:136	Resp:	191331
Ion	Ratio	Lower Upper
136	100	
137	11.8	9.6 14.4
54	10.8	7.9 11.9
68	6.1	4.8 7.2

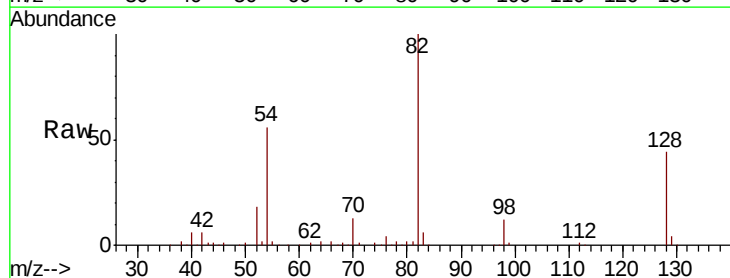


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

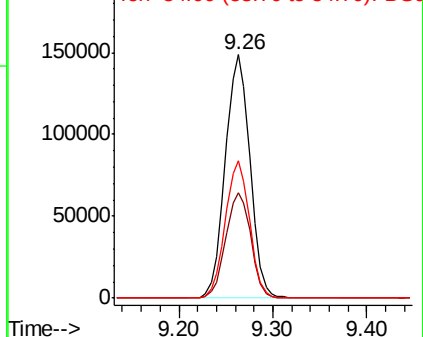
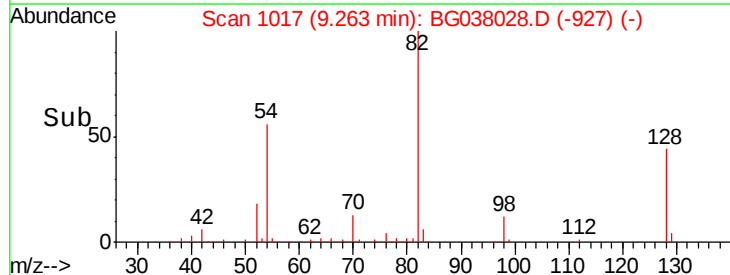


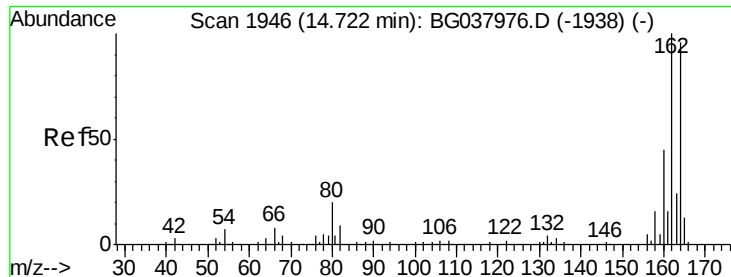
#23
Nitrobenzene-d5
Concen: 76.115 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038028.D
Acq: 15 Nov 2018 21:34

Tgt Ion: 82	Resp:	272053
Ion	Ratio	Lower Upper
82	100	
128	43.5	34.6 51.8
54	56.2	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. -0.00 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

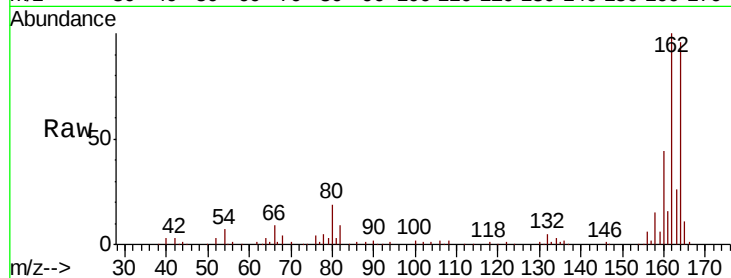
Tot Ion:164 Resp: 121105

Ion Ratio Lower Upper

164 100

162 104.6 81.3 121.9

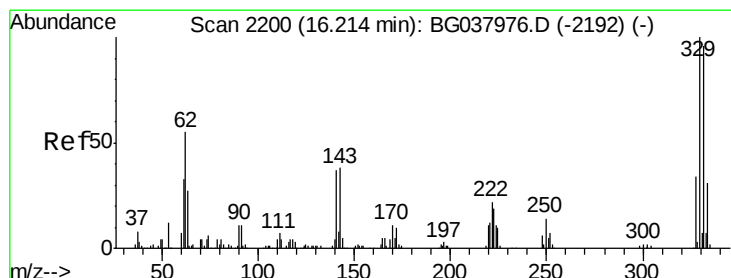
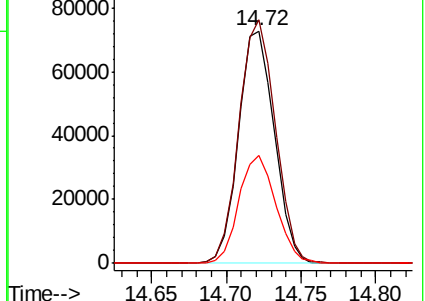
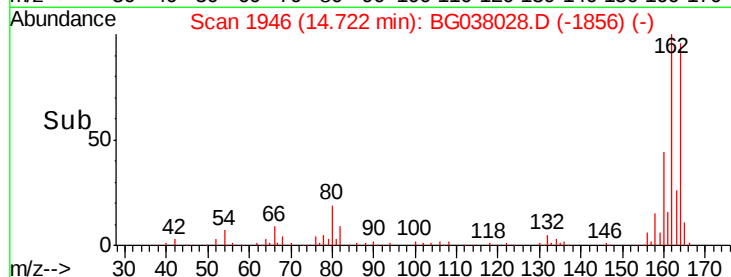
160 46.2 36.3 54.5



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: 104.396 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

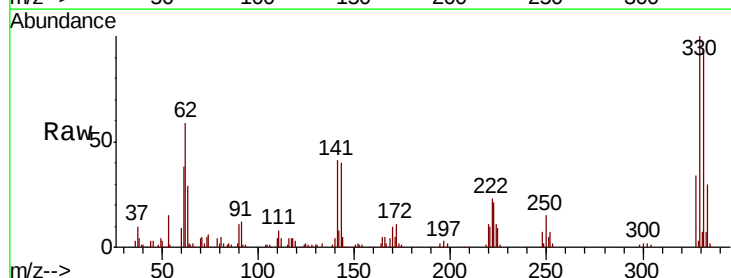
Tgt Ion:330 Resp: 144189

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

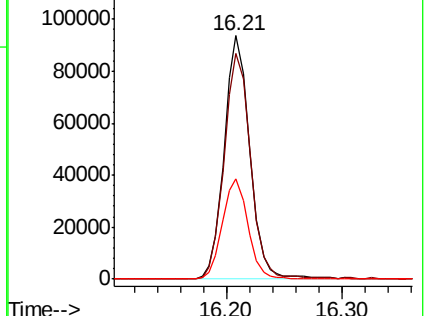
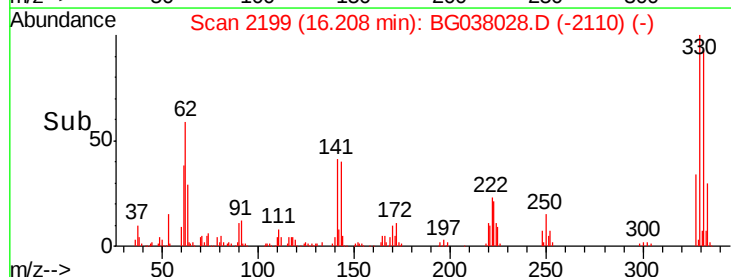
141 41.4 32.2 48.2



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: 73.725 ng

RT: 13.34 min Scan# 1711

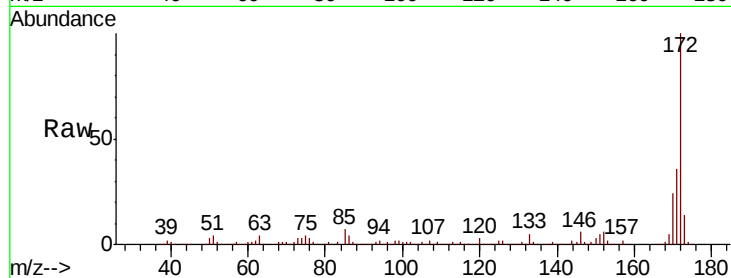
Delta R.T. -0.01 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

Tot Ion:172 Resp: 612861

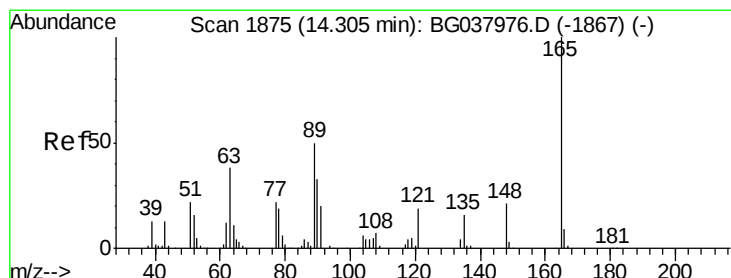
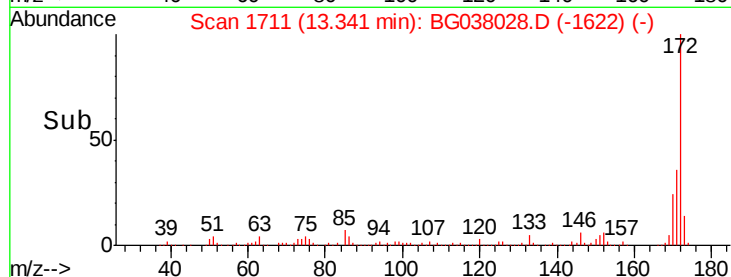
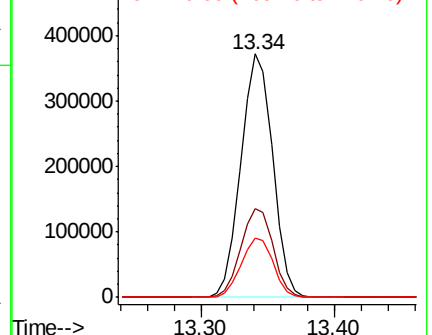
Ion	Ratio	Lower	Upper
172	100		
171	36.3	31.0	46.4
170	24.3	20.2	30.2



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



#51

2,6-Dinitrotoluene

Concen: 7.273 ng

RT: 14.72 min Scan# 1945

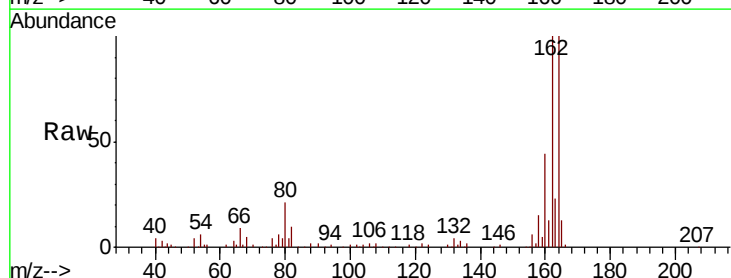
Delta R.T. 0.41 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

Tgt Ion:165 Resp: 15803

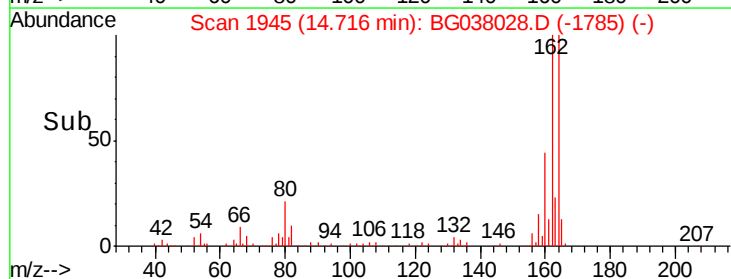
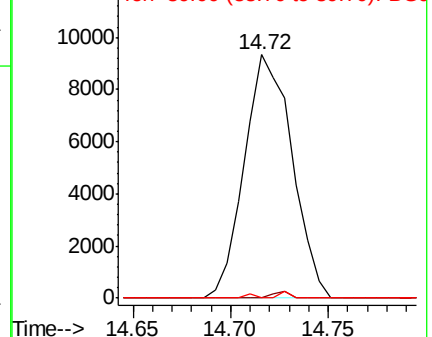
Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#

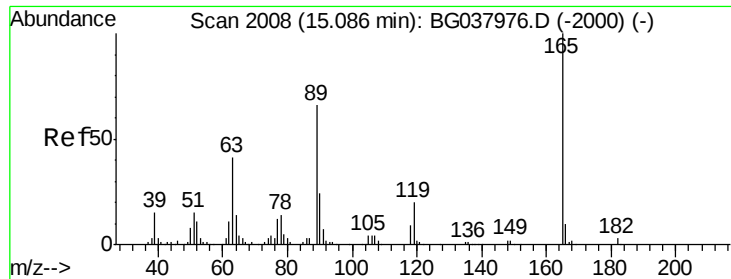


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

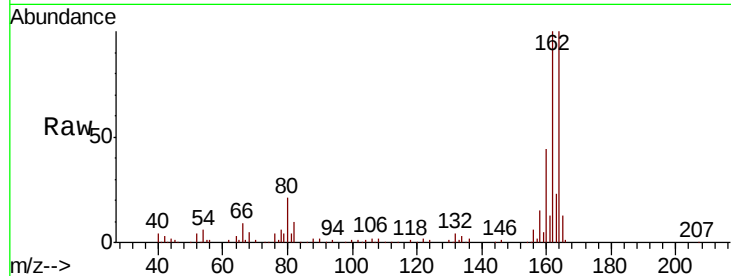
Ion 89.00 (88.70 to 89.70): BG0





#57
 2,4-Dinitrotoluene
 Concen: 5.345 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038028.D
 Acq: 15 Nov 2018 21:34

Tot Ion:	165	Resp:	15803
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#

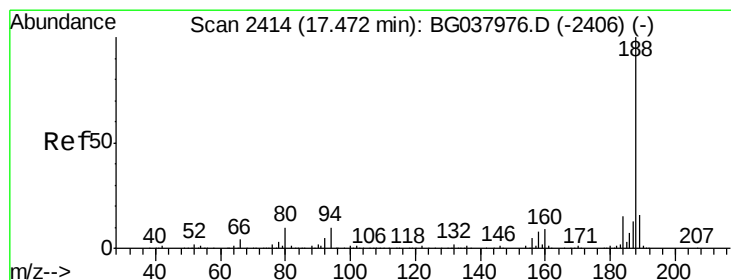
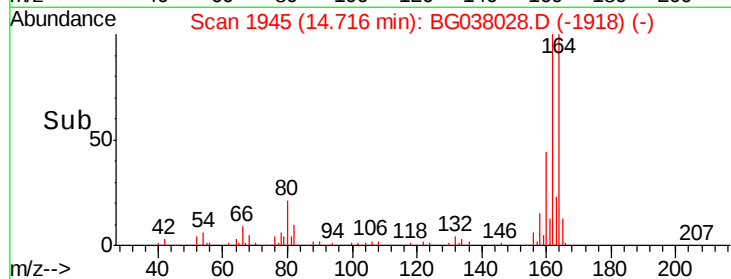
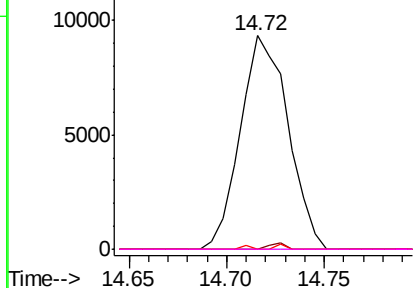


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

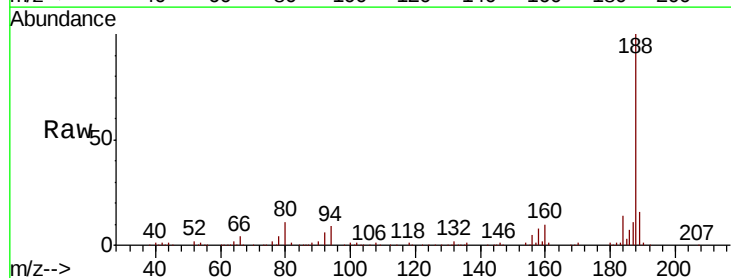
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038028.D
 Acq: 15 Nov 2018 21:34

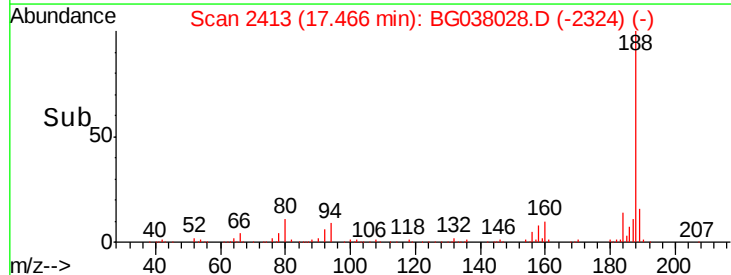
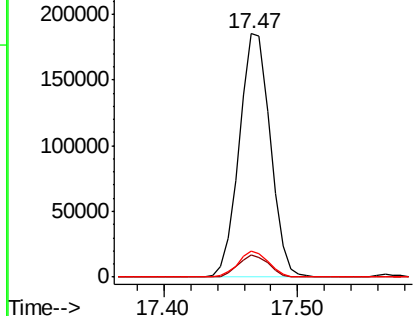
Tgt Ion:	188	Resp:	297459
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.9	7.7	11.5

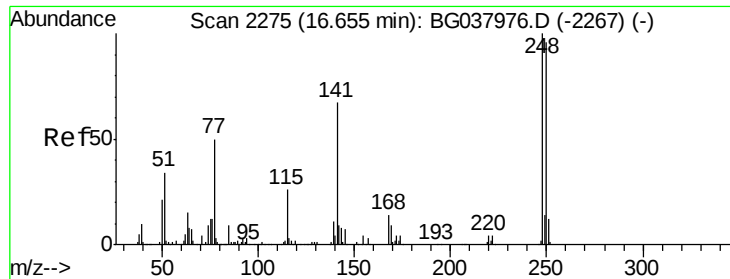


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

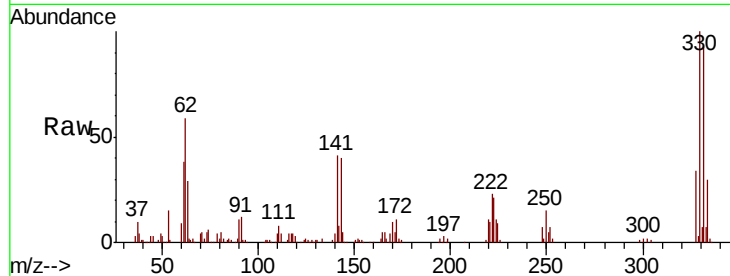
Ion 80.00 (79.70 to 80.70): BGC





#67
 4-Bromophenyl-phenylether
 Concen: 3.071 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038028.D
 Acq: 15 Nov 2018 21:34

Tot Ion	Ratio	Lower	Upper
248	100		
250	215.1	77.0	115.6#
141	452.4	55.5	83.3#

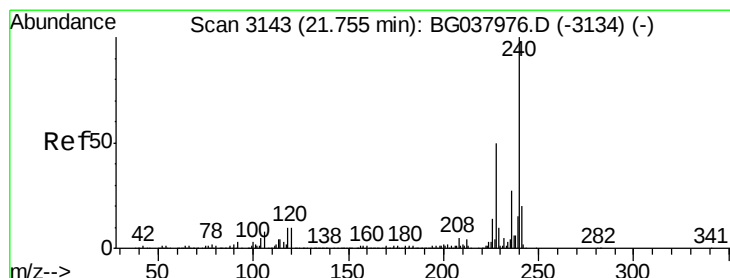
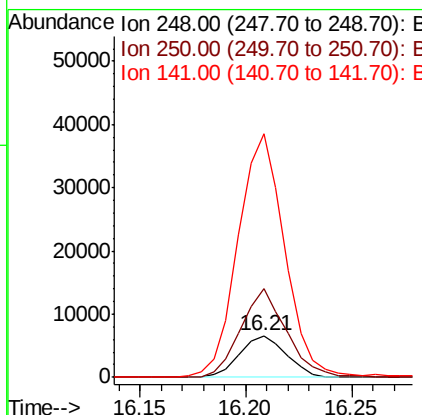
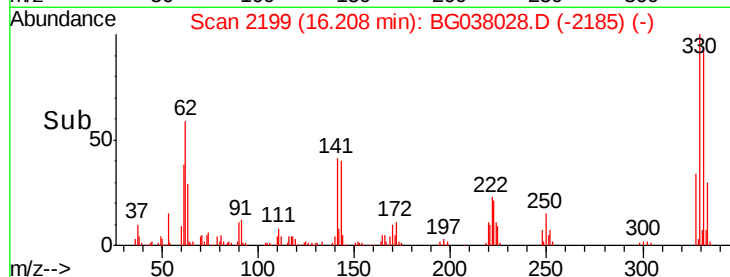


Abundance

Ion 248.00 (247.70 to 248.70): E

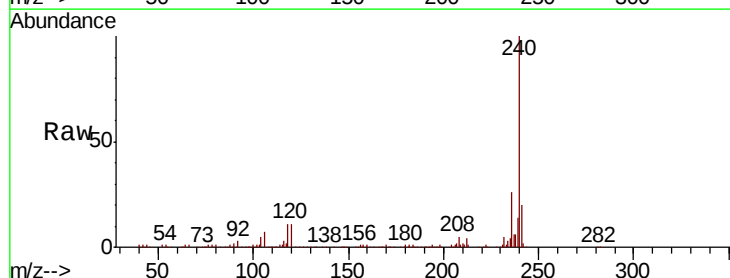
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG038028.D
 Acq: 15 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	26.3	21.4	32.0

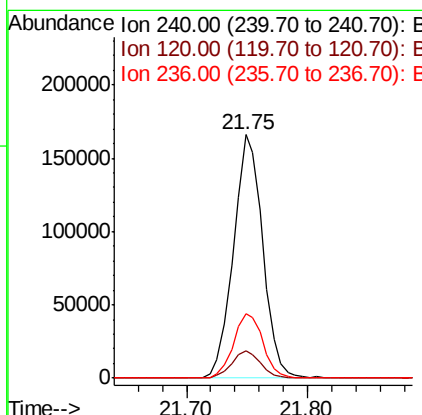
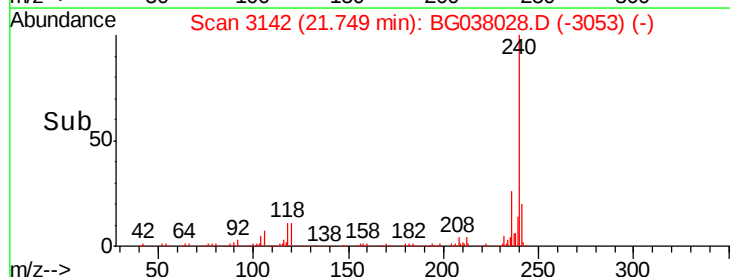


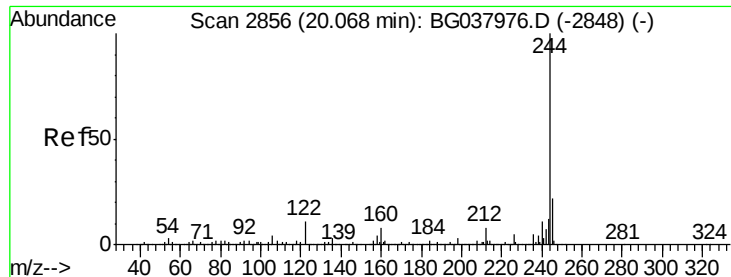
Abundance

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: 83.447 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

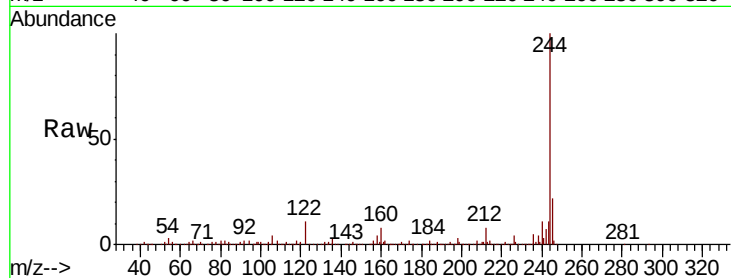
Tot Ion:244 Resp: 993374

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

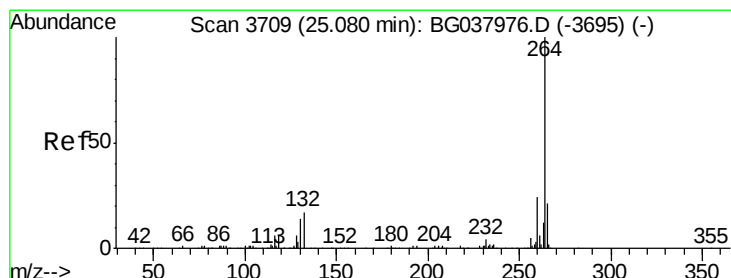
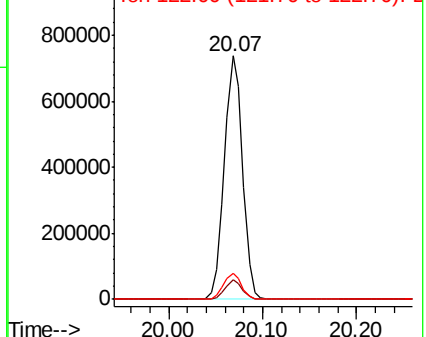
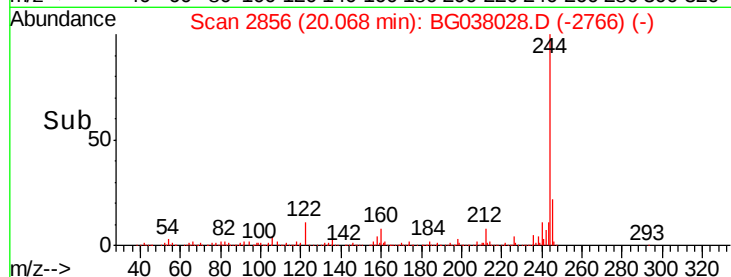
122 11.0 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038028.D

Acq: 15 Nov 2018 21:34

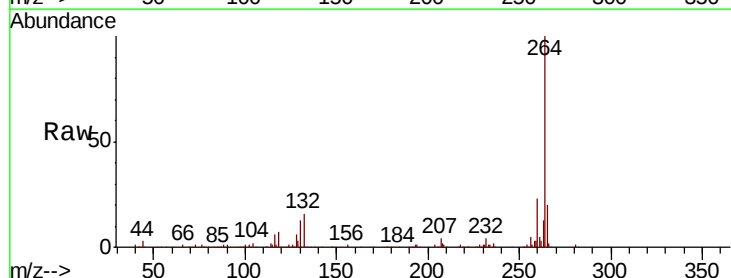
Tgt Ion:264 Resp: 283403

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 20.2 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

