

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
 Data File : BG038019.D
 Acq On : 15 Nov 2018 15:04
 Operator : JU/SJ
 Sample : J5950-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

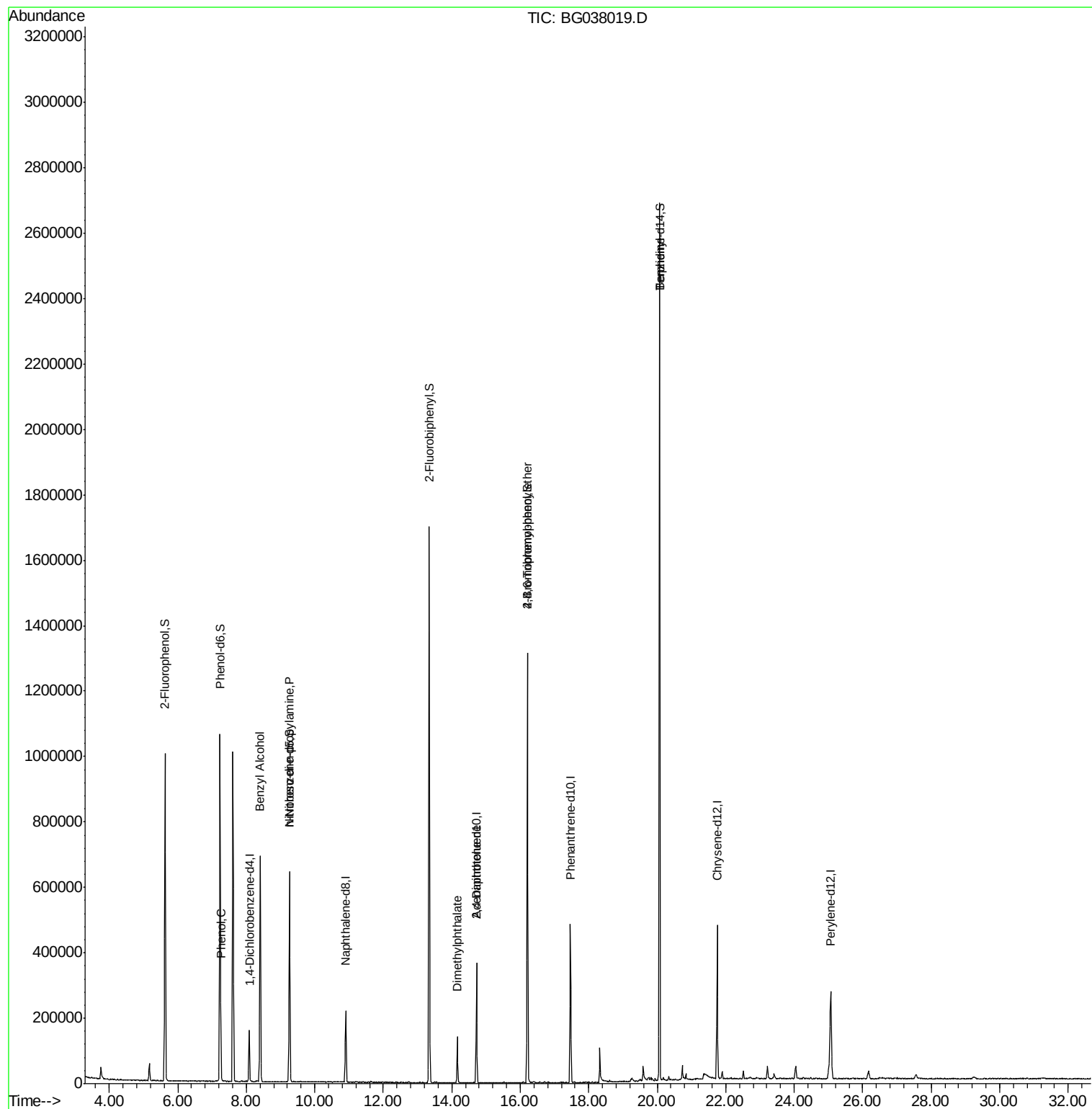
Quant Time: Nov 16 06:26:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

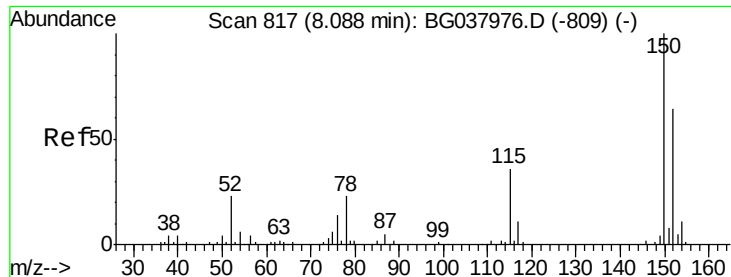
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	45759	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	201137	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	132511	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	305889	20.00	ng	0.00
76) Chrysene-d12	21.75	240	282014	20.00	ng	0.00
87) Perylene-d12	25.07	264	292106	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	455674	171.93	ng	0.00
7) Phenol-d6	7.24	99	649033	171.56	ng	0.00
23) Nitrobenzene-d5	9.26	82	400898	106.69	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	241673	159.92	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	873136	95.99	ng	0.00
79) Terphenyl-d14	20.07	244	1254741	104.69	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.26	94	32008	7.988	ng	91
15) Benzyl Alcohol	8.41	79	5817	2.125	ng	# 45
19) n-Nitroso-di-n-propylamine	9.26	70	51495	18.812	ng	# 73
50) Dimethylphthalate	14.16	163	98763	9.401	ng	97
57) 2,4-Dinitrotoluene	14.72	165	17676	5.464	ng	# 24
67) 4-Bromophenyl-phenylether	16.21	248	17383	5.178	ng	# 1
77) Benzidine	20.07	184	21028	2.125	ng	# 92

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

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Misc :
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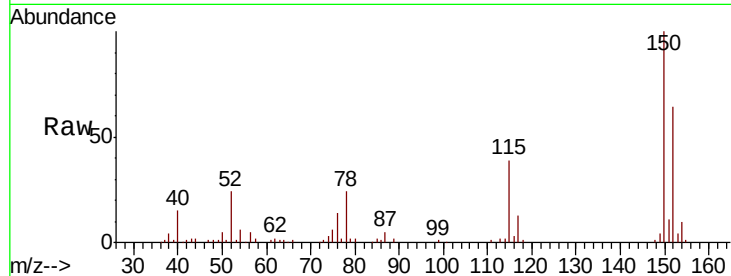




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038019.D
Acq: 15 Nov 2018 15:04

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.0	189.0
115	61.2	45.5	68.3

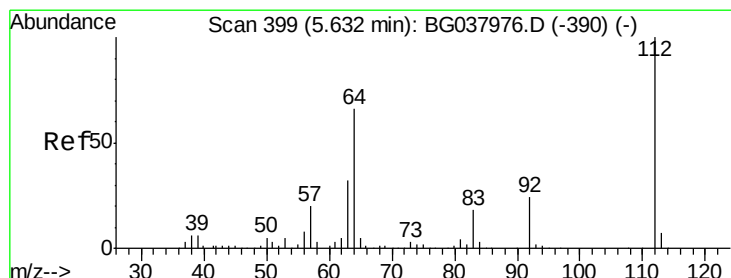
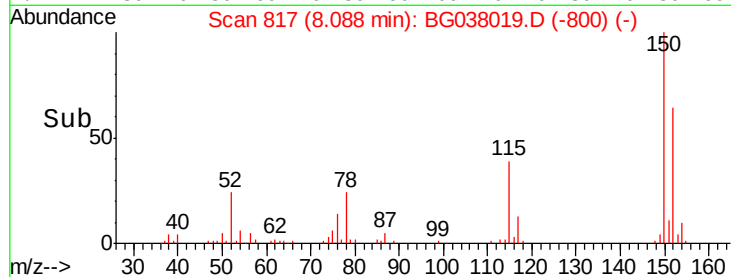
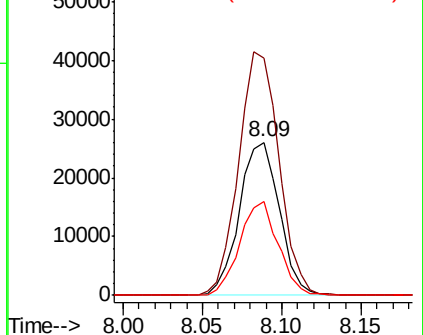


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

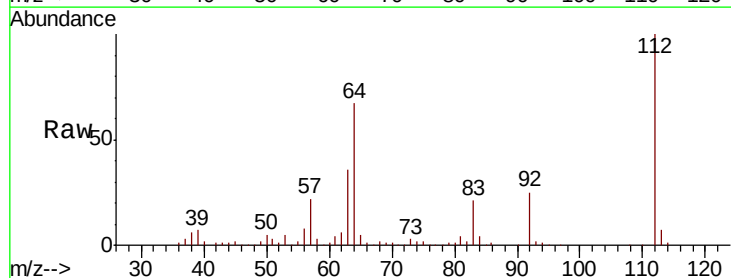
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 171.934 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038019.D
Acq: 15 Nov 2018 15:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.1	79.7
63	35.5	27.3	40.9

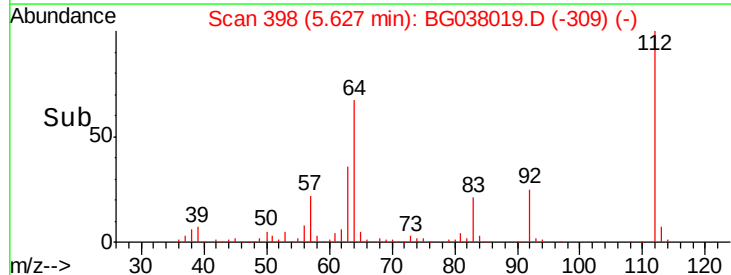
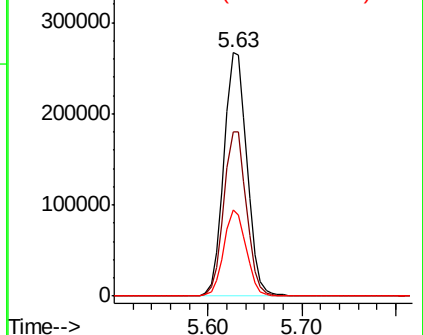


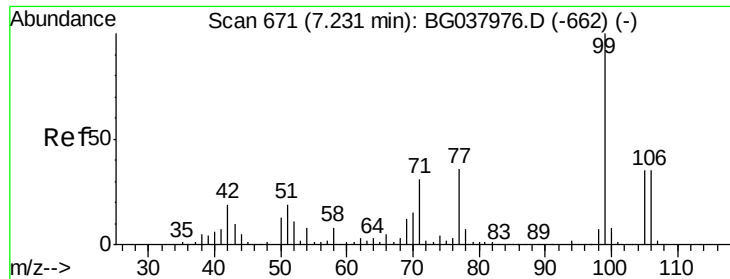
Abundance

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: 171.560 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038019.D

Acq: 15 Nov 2018 15:04

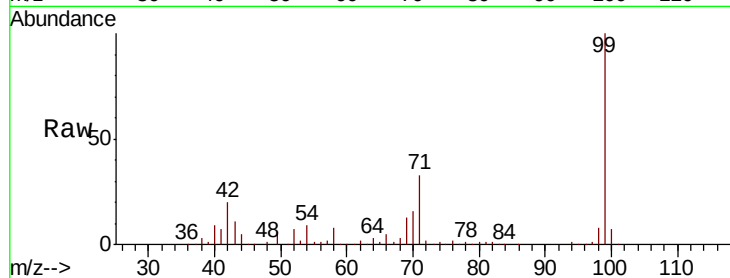
Tot Ion: 99 Resp: 649033

Ion Ratio Lower Upper

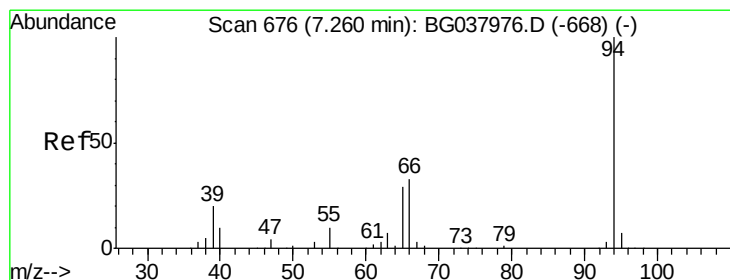
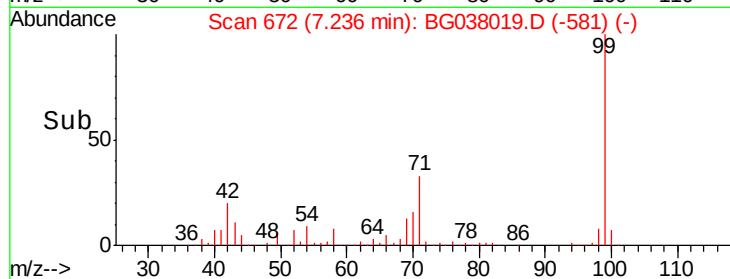
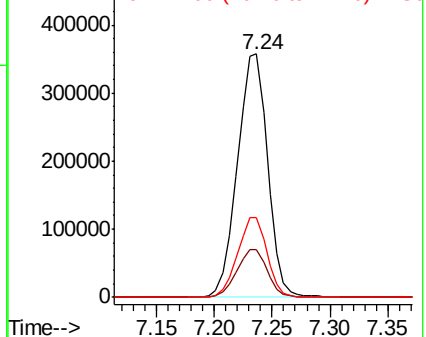
99 100

42 19.8 15.0 22.4

71 33.0 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: 7.988 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038019.D

Acq: 15 Nov 2018 15:04

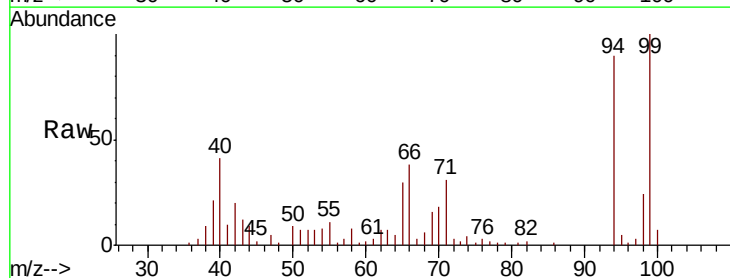
Tgt Ion: 94 Resp: 32008

Ion Ratio Lower Upper

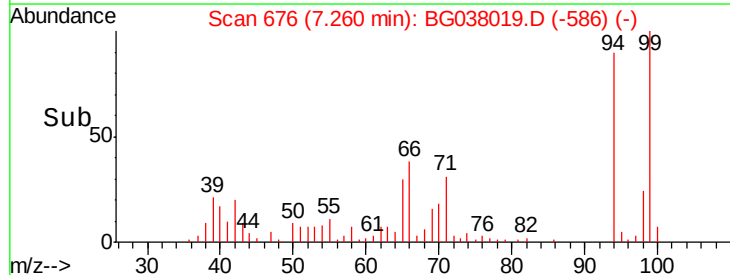
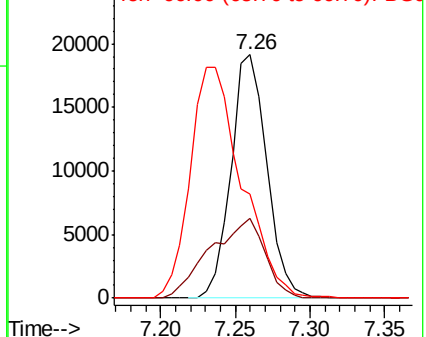
94 100

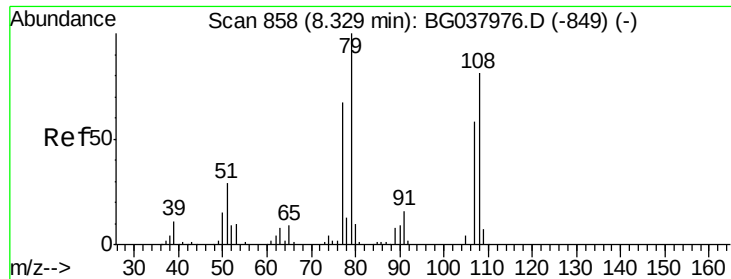
65 32.7 9.7 49.7

66 42.6 15.9 55.9



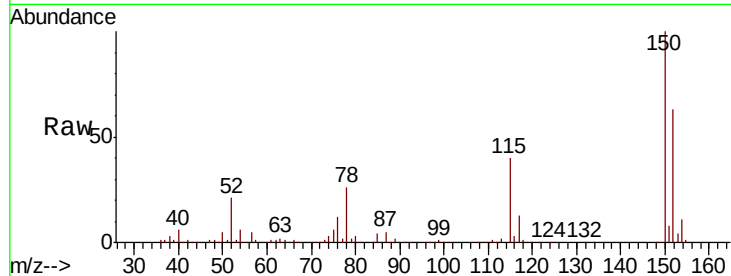
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



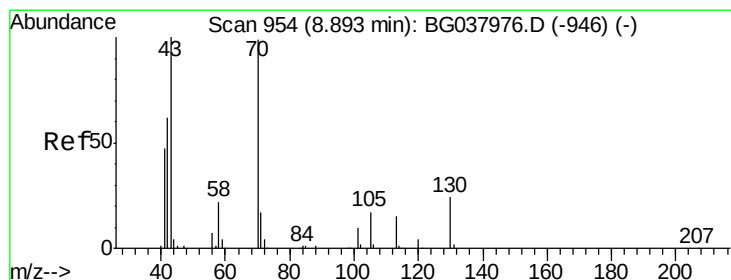
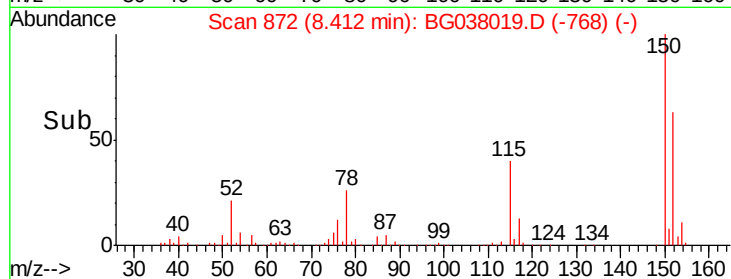
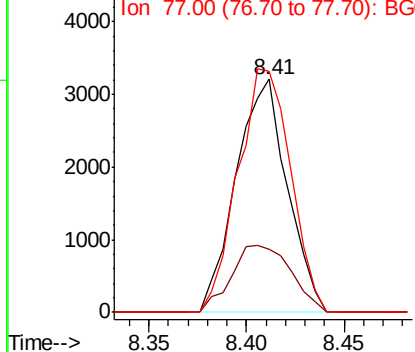


#15
Benzyl Alcohol
Concen: 2.125 ng
RT: 8.41 min Scan# 872
Delta R.T. 0.08 min
Lab File: BG038019.D
Acq: 15 Nov 2018 15:04

Tot Ion: 79 Resp: 5817
Ion Ratio Lower Upper
79 100
108 27.0 65.8 98.8#
77 103.2 52.9 79.3#

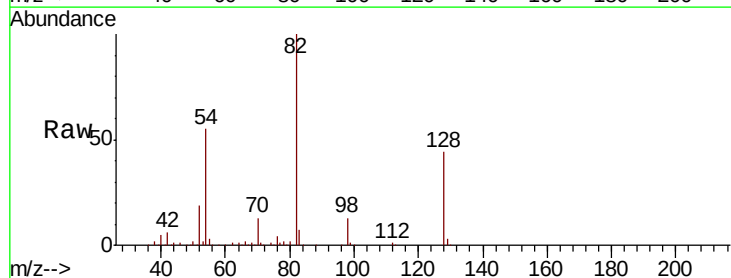


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

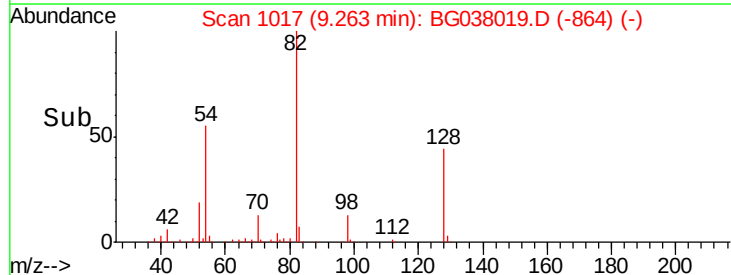
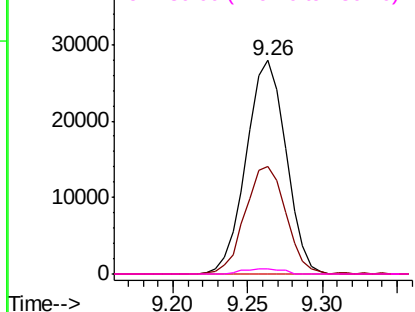


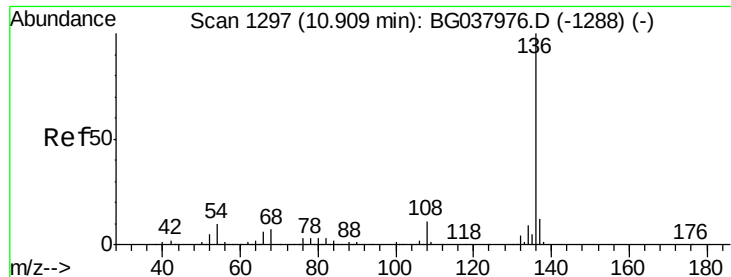
#19
n-Nitroso-di-n-propylamine
Concen: 18.812 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038019.D
Acq: 15 Nov 2018 15:04

Tgt Ion: 70 Resp: 51495
Ion Ratio Lower Upper
70 100
42 50.5 53.9 80.9#
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#



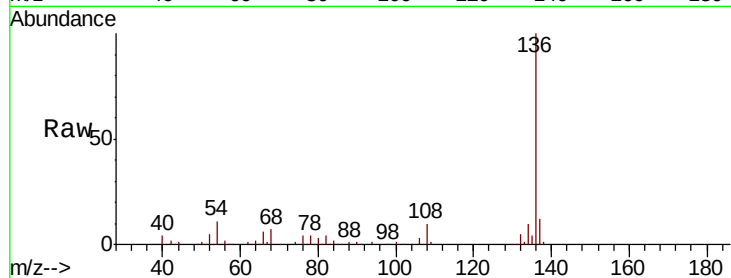
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038019.D
Acq: 15 Nov 2018 15:04

Tot Ion:136	Resp:	201137
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.6 14.4
54	11.2	7.9 11.9
68	6.5	4.8 7.2



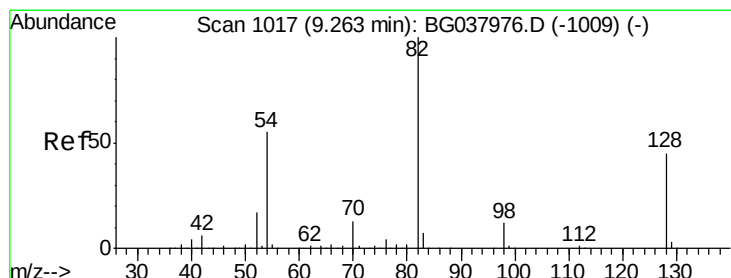
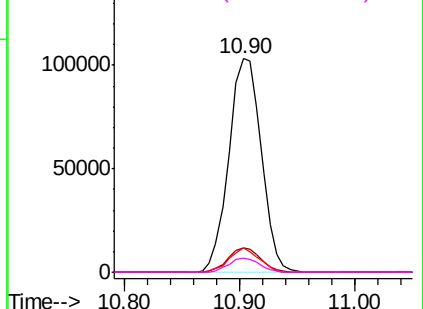
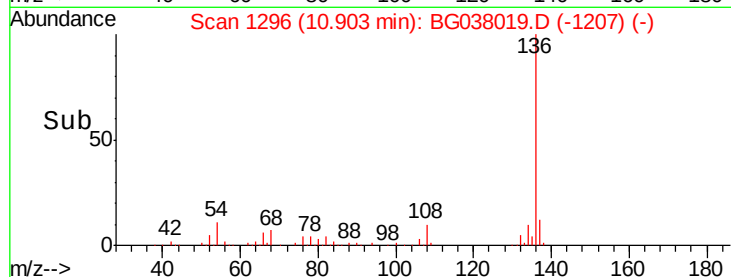
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

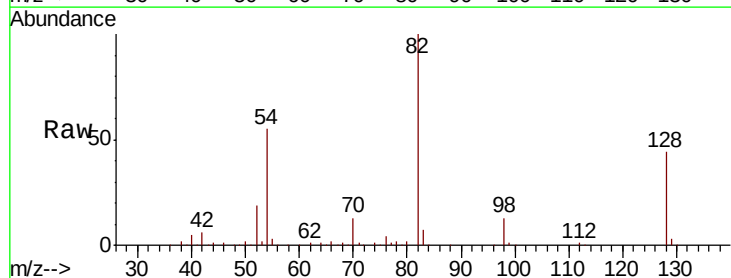
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 106.694 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038019.D
Acq: 15 Nov 2018 15:04

Tgt Ion: 82	Resp:	400898
Ion Ratio	Lower	Upper
82	100	
128	43.9	34.6 51.8
54	55.4	45.3 67.9

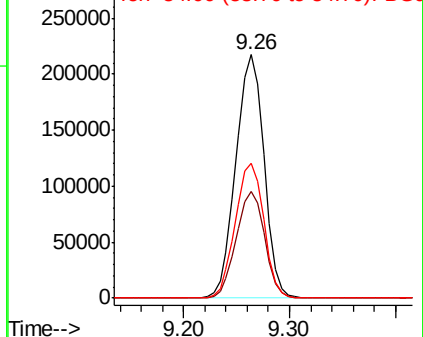
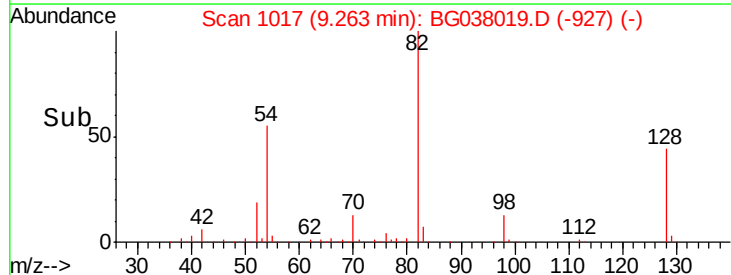


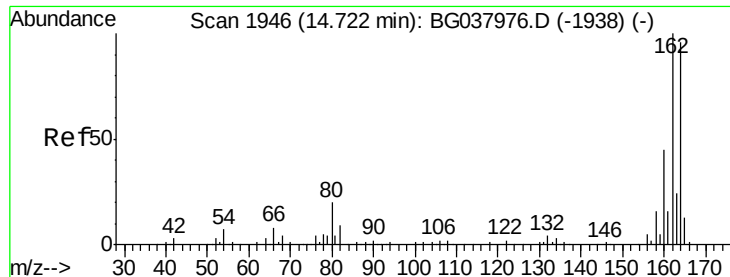
Abundance

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: BG038019.D

Acq: 15 Nov 2018 15:04

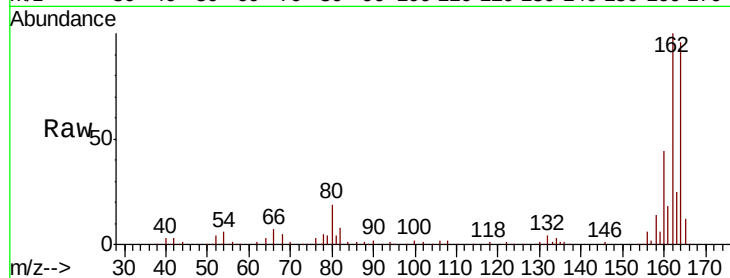
Tot Ion:164 Resp: 132511

Ion Ratio Lower Upper

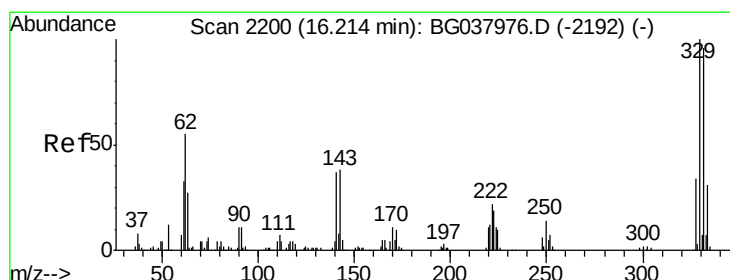
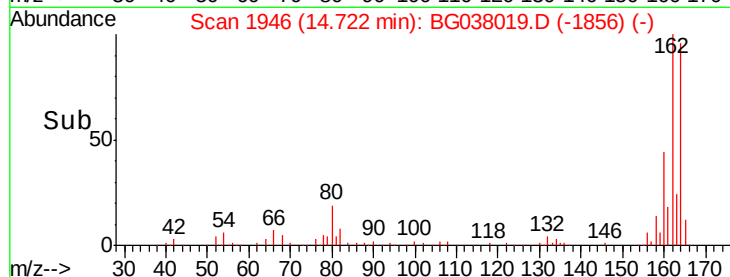
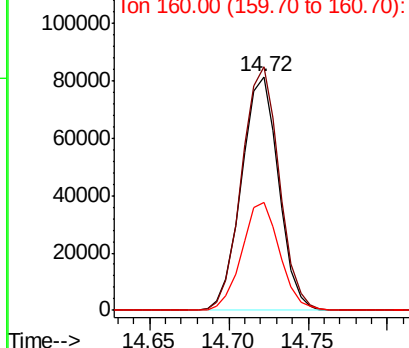
164 100

162 104.3 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: 159.915 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038019.D

Acq: 15 Nov 2018 15:04

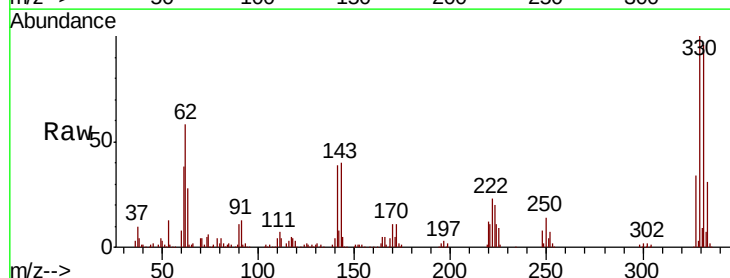
Tgt Ion:330 Resp: 241673

Ion Ratio Lower Upper

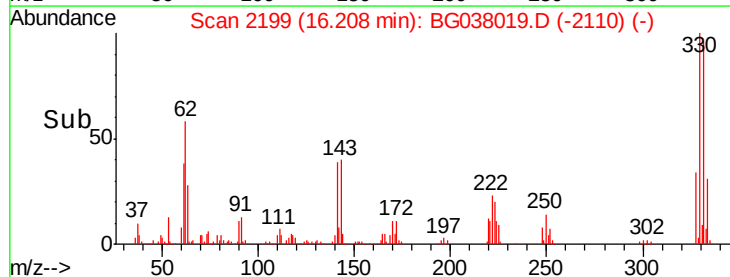
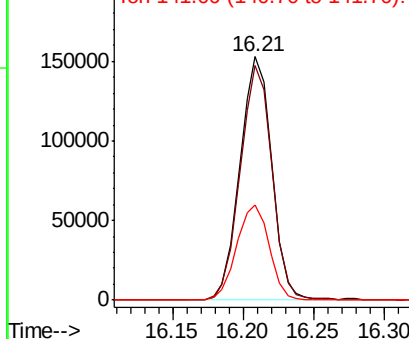
330 100

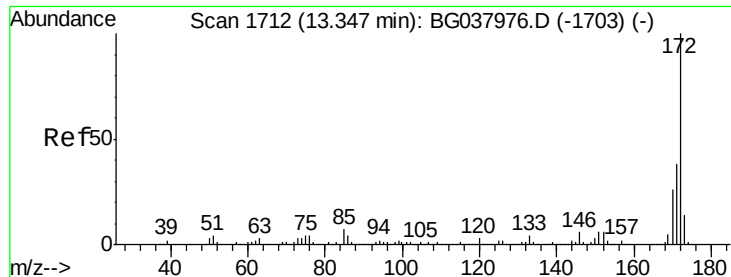
332 96.4 78.4 117.6

141 39.9 32.2 48.2



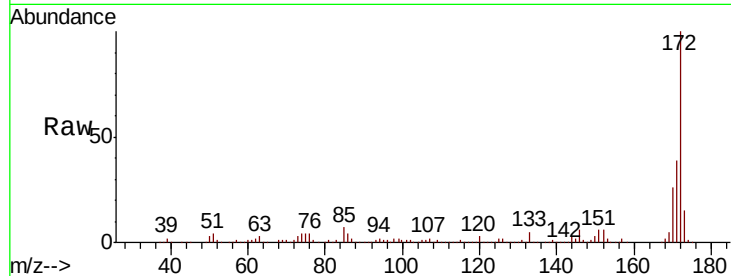
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



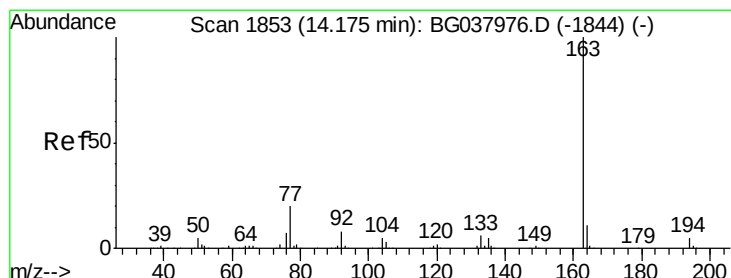
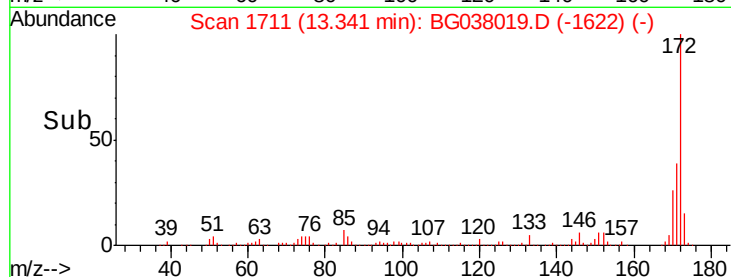
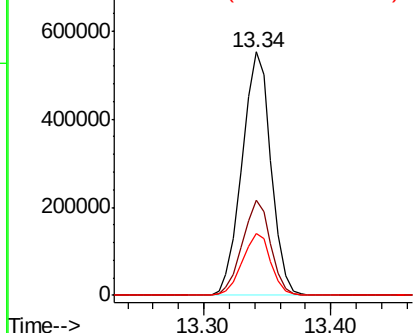


#45
2-Fluorobiphenyl
Concen: 95.994 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038019.D
Acq: 15 Nov 2018 15:04

Tot	Ion:172	Resp:	873136
Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	25.6	20.2	30.2

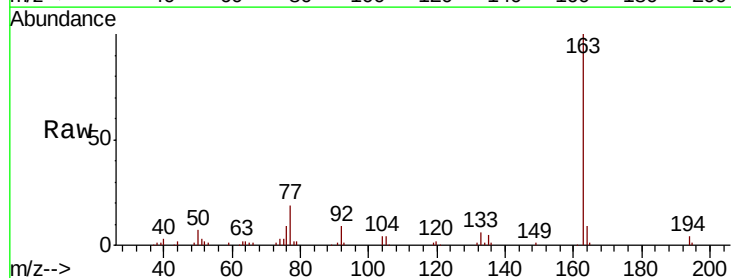


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

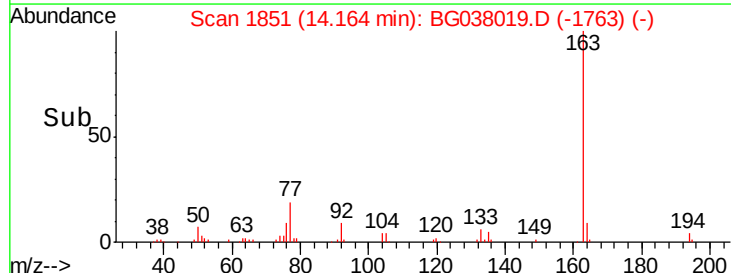
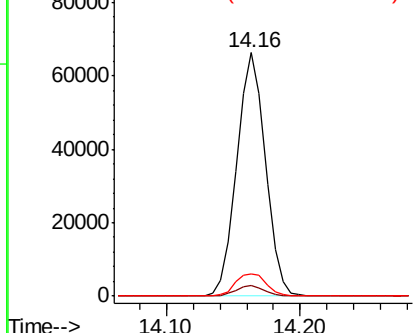


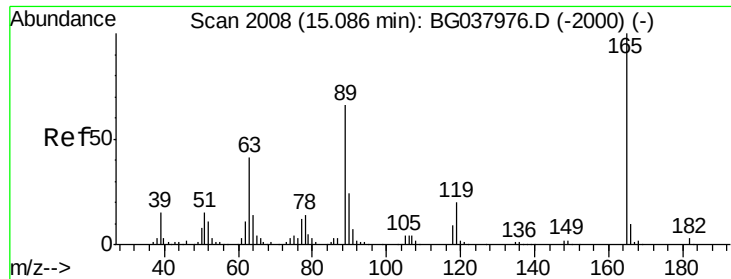
#50
Dimethylphthalate
Concen: 9.401 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038019.D
Acq: 15 Nov 2018 15:04

Tgt	Ion:163	Resp:	98763
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.2	8.5	12.7



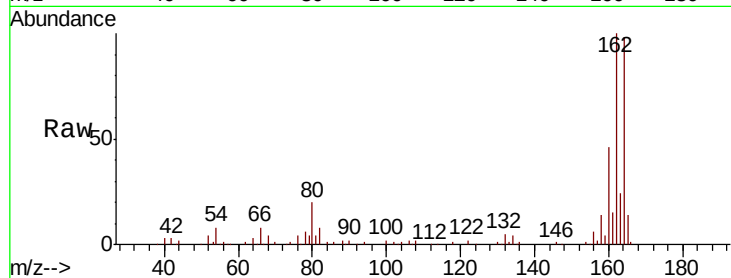
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#57
 2,4-Dinitrotoluene
 Concen: 5.464 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038019.D
 Acq: 15 Nov 2018 15:04

Tot Ion:165	Resp:	17676
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	1.7	57.2 85.8#
182	0.0	2.6 4.0#

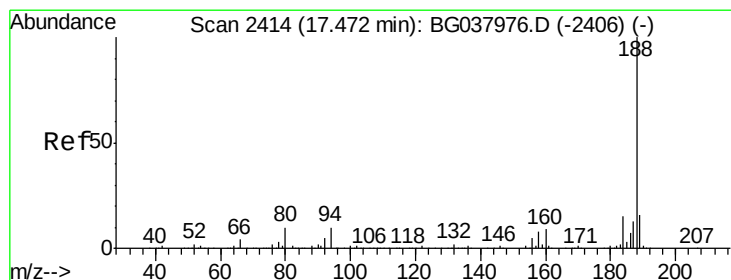
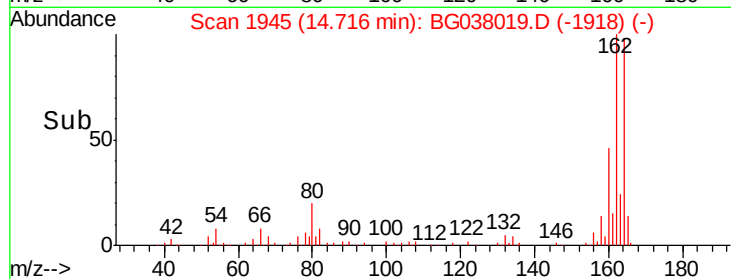
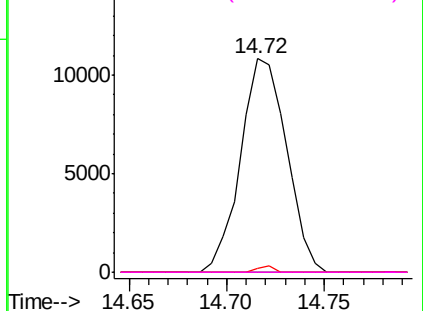


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

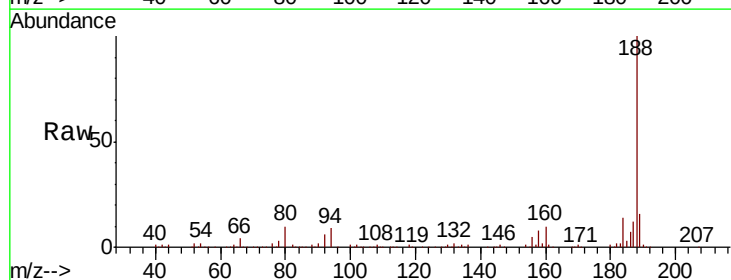
Ion 89.00 (88.70 to 89.70): BGC

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: BG038019.D
 Acq: 15 Nov 2018 15:04

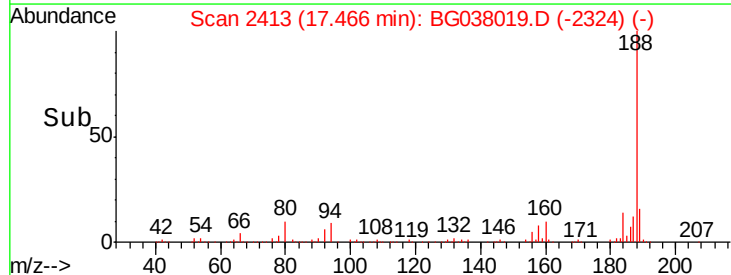
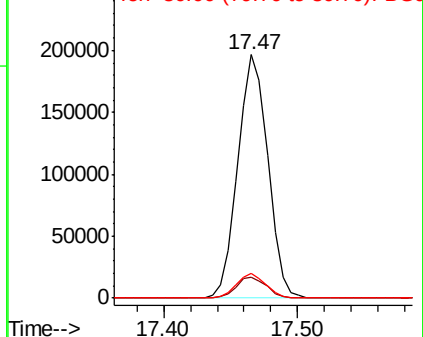
Tgt Ion:188	Resp:	305889
Ion Ratio	Lower	Upper
188	100	
94	8.6	7.2 10.8
80	10.1	7.7 11.5

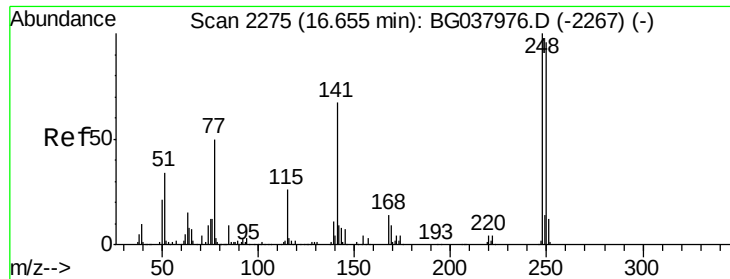


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

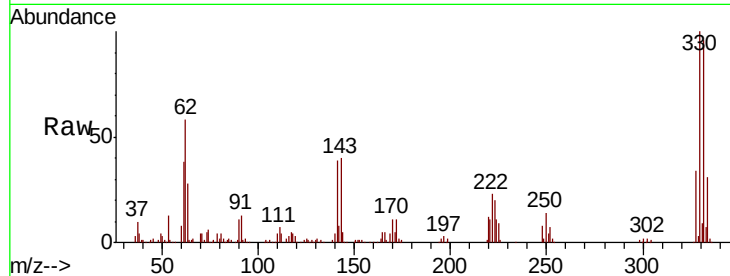
Ion 80.00 (79.70 to 80.70): BGC





#67
4-Bromophenyl-phenylether
Concen: 5.178 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038019.D
Acq: 15 Nov 2018 15:04

Tot Ion	Ratio	Lower	Upper
248	100		
250	186.1	77.0	115.6#
141	408.0	55.5	83.3#

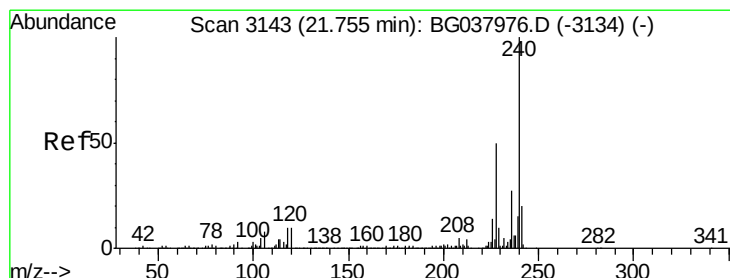
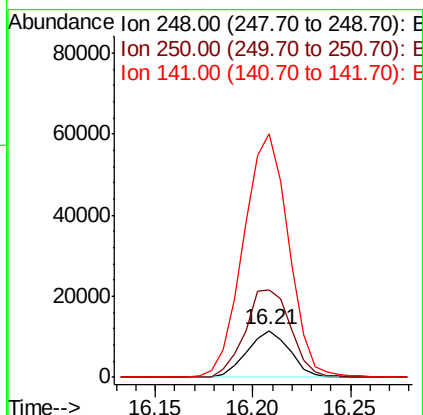
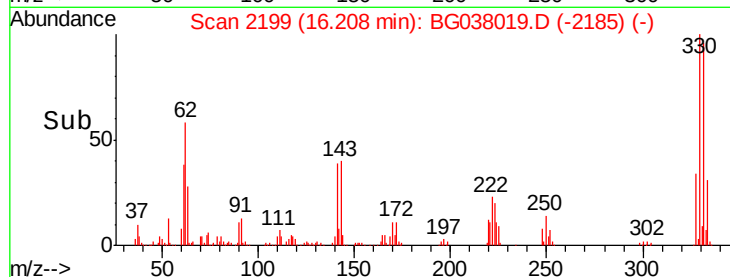


Abundance

Ion 248.00 (247.70 to 248.70): E

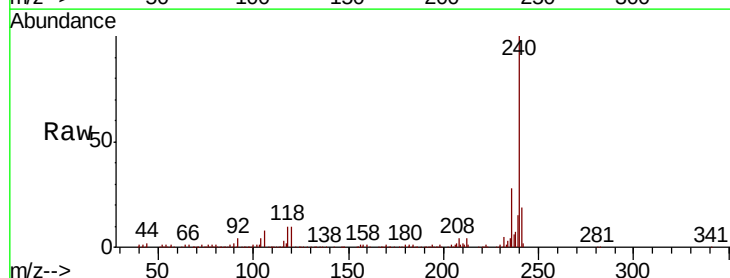
Ion 250.00 (249.70 to 250.70): E

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: BG038019.D
Acq: 15 Nov 2018 15:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	27.5	21.4	32.0

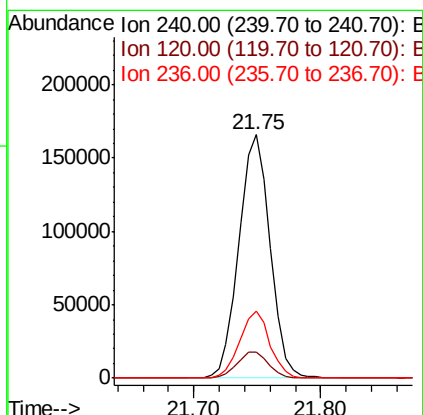
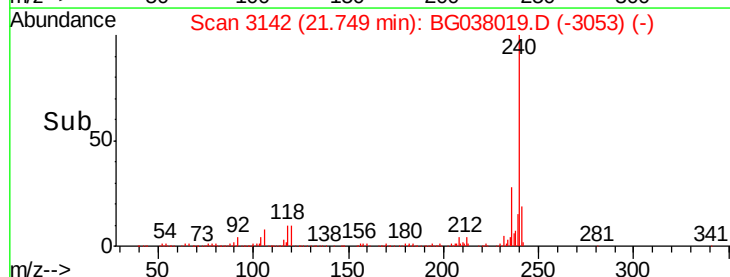


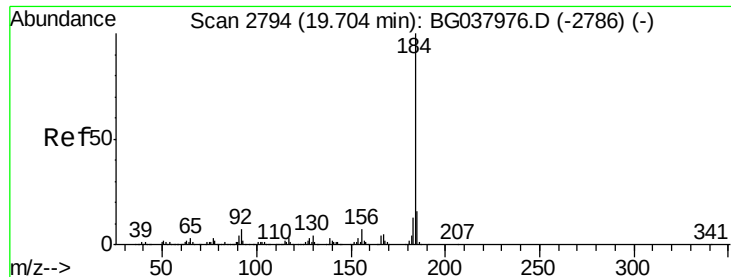
Abundance

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





#77

Benzidine

Concen: 2.125 ng

RT: 20.07 min Scan# 2856

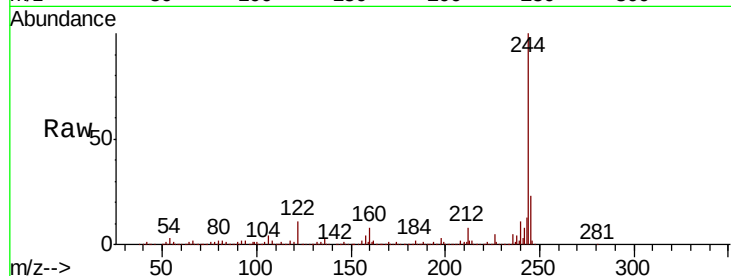
Delta R.T. 0.36 min

Lab File: BG038019.D

Acq: 15 Nov 2018 15:04

Tot Ion:184 Resp: 21028

Ion	Ratio	Lower	Upper
184	100		
185	17.8	12.6	18.8
183	8.1	10.2	15.2

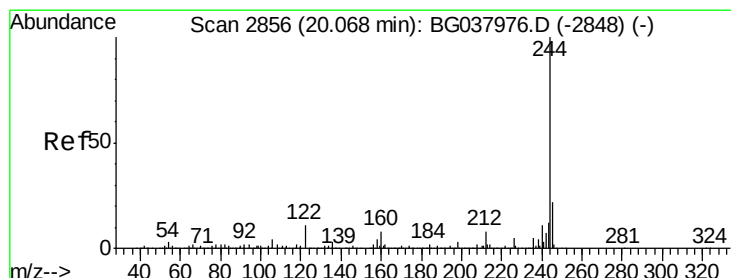
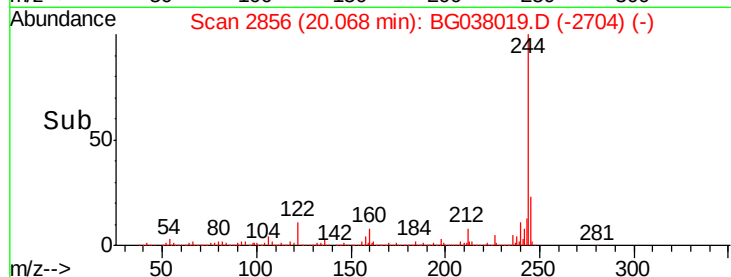
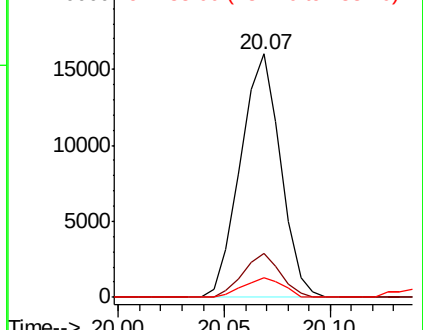


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 104.690 ng

RT: 20.07 min Scan# 2856

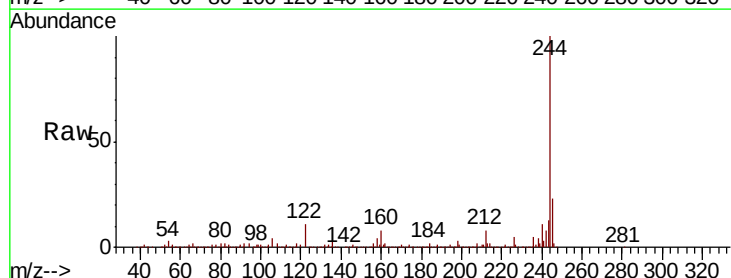
Delta R.T. 0.00 min

Lab File: BG038019.D

Acq: 15 Nov 2018 15:04

Tgt Ion:244 Resp: 1254741

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.0	9.0	13.4

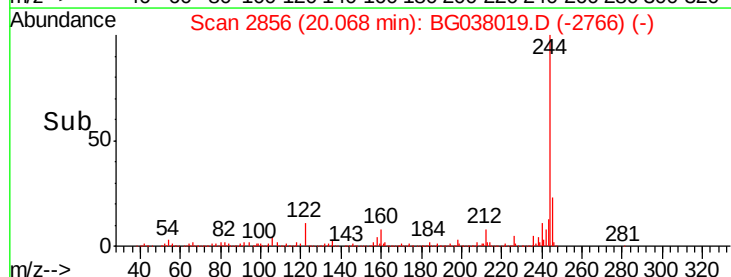
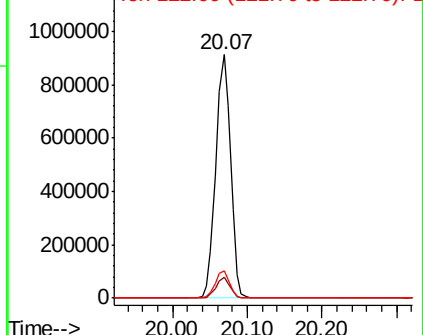


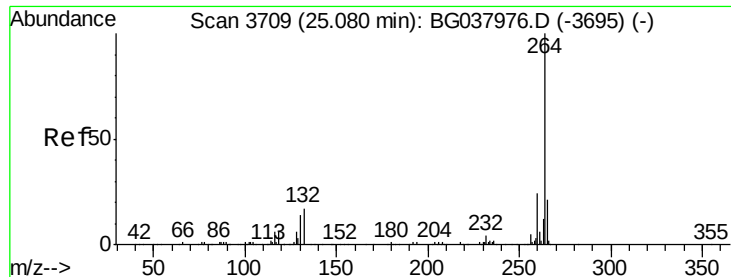
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

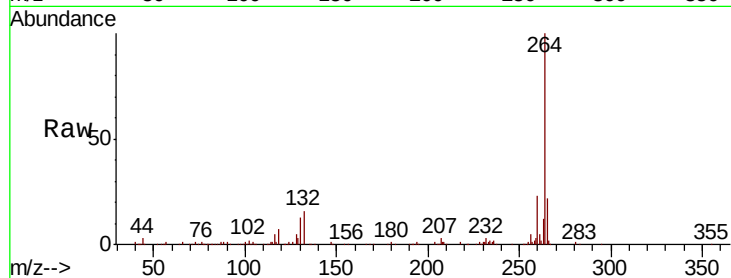
Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038019.D
Acq: 15 Nov 2018 15:04

Tot Ion:	264	Resp:	292106
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.1	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

