

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
 Data File : BG038018.D
 Acq On : 15 Nov 2018 14:25
 Operator : JU/SJ
 Sample : J5950-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

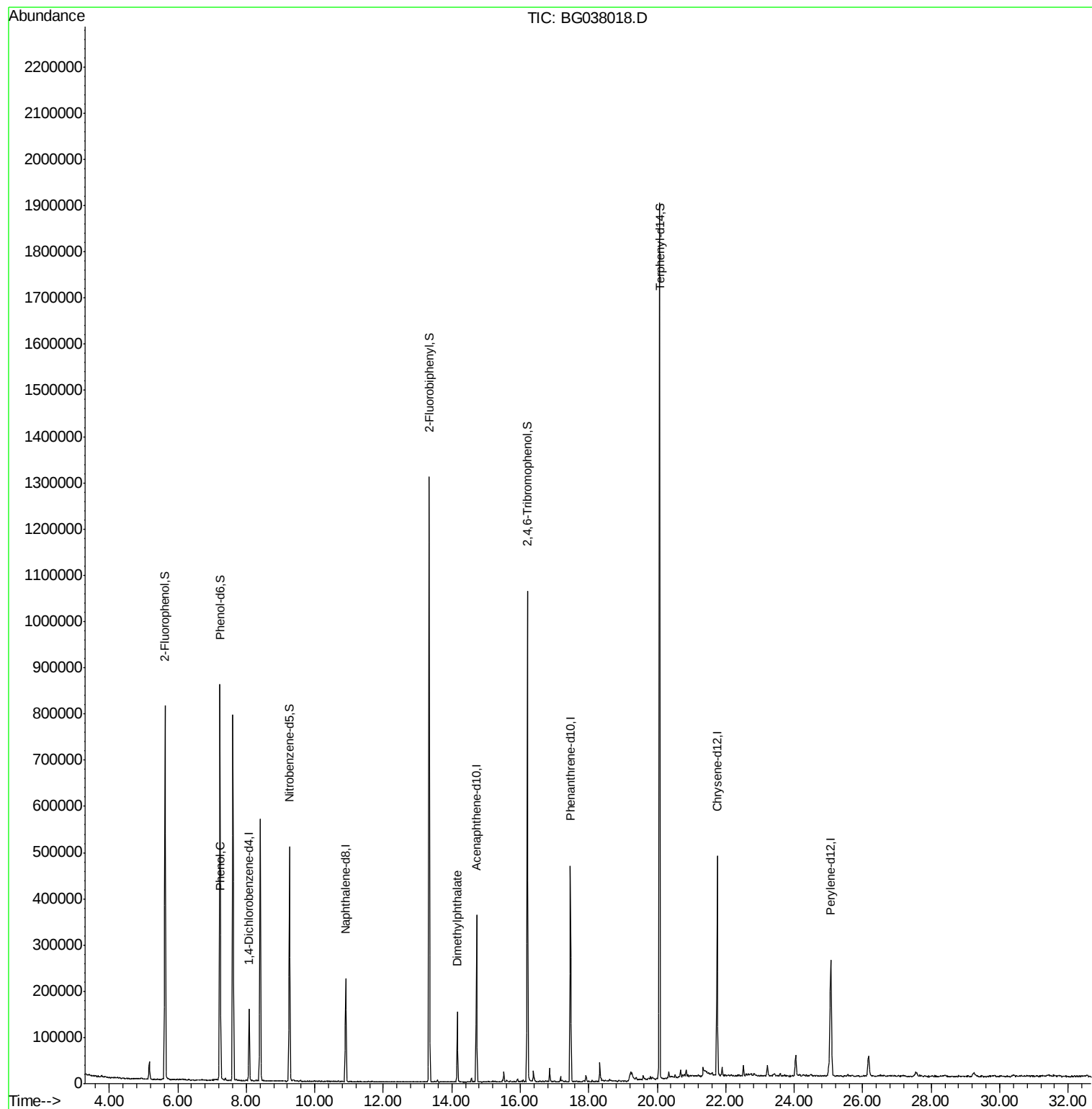
Quant Time: Nov 15 16:02:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

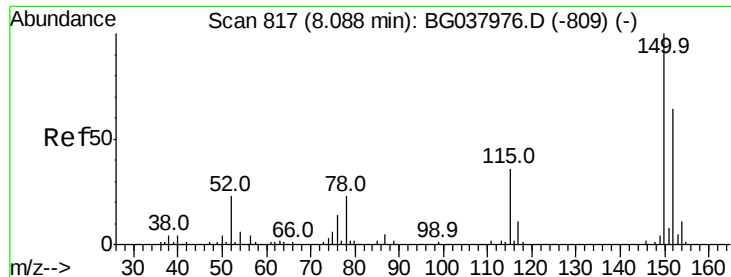
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44358	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	193608	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	128197	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	297552	20.00	ng	0.00
76) Chrysene-d12	21.75	240	277300	20.00	ng	0.00
87) Perylene-d12	25.07	264	284369	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	362826	141.22	ng	0.00
7) Phenol-d6	7.23	99	527654	143.88	ng	0.00
23) Nitrobenzene-d5	9.26	82	313235	86.61	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	189593	129.68	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	688798	78.28	ng	0.00
79) Terphenyl-d14	20.07	244	965727	81.95	ng	0.00
Target Compounds						
10) Phenol	7.25	94	8607	2.216	ng	Qvalue # 57
50) Dimethylphthalate	14.16	163	107441	10.572	ng	99

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

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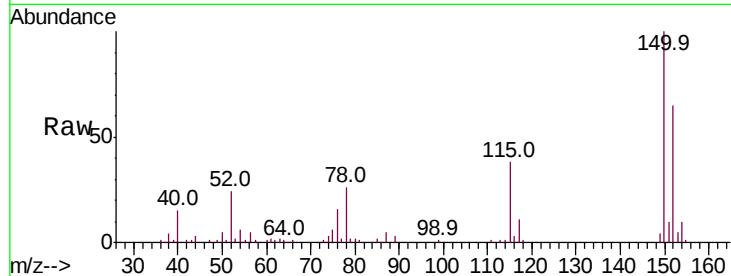




#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038018.D
 Acq: 15 Nov 2018 14:25

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.0	189.0
115	58.7	45.5	68.3

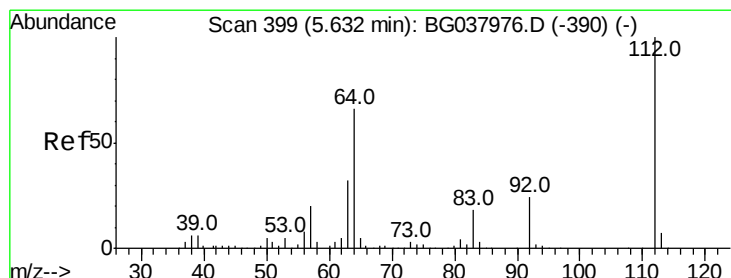
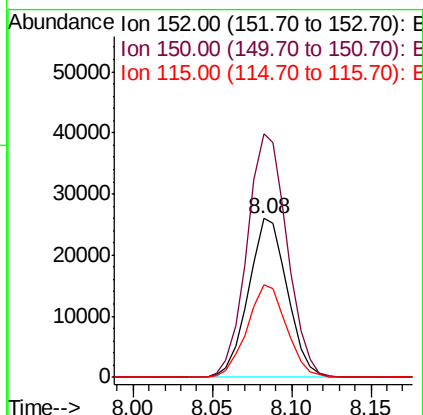
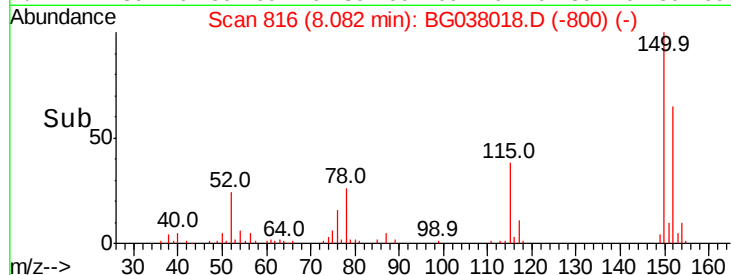


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

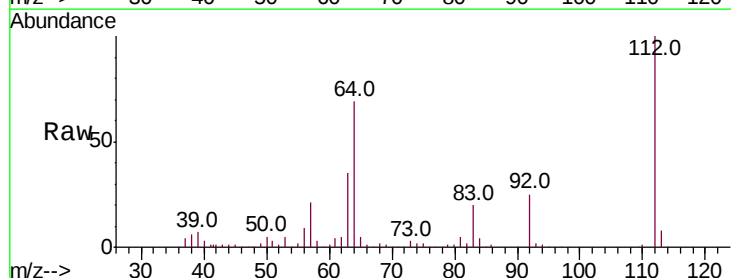
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 141.224 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038018.D
 Acq: 15 Nov 2018 14:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.1	79.7
63	35.1	27.3	40.9

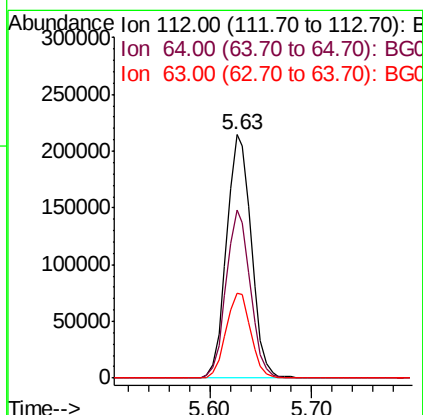
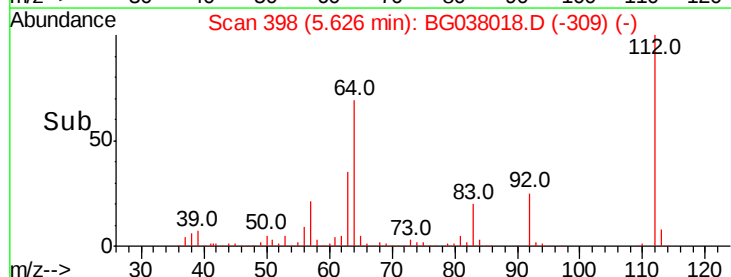


Abundance

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: 143.881 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

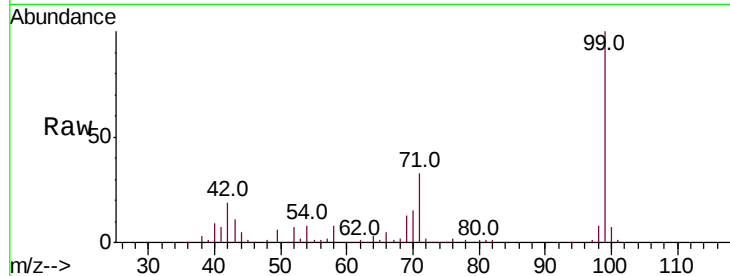
Tot Ion: 99 Resp: 527654

Ion Ratio Lower Upper

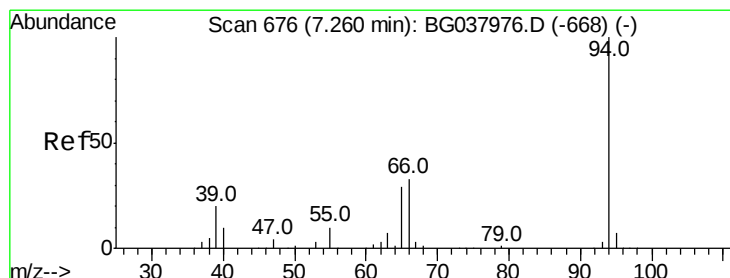
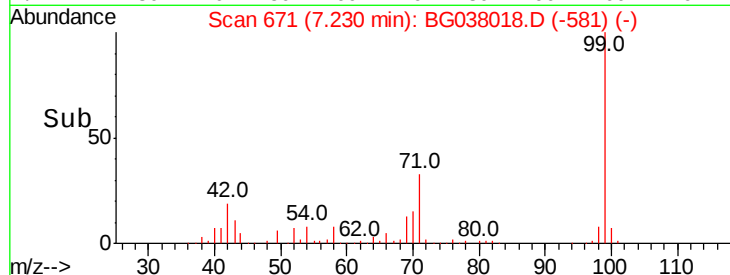
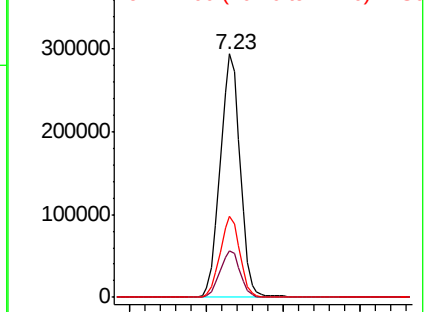
99 100

42 19.1 15.0 22.4

71 33.5 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: 2.216 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

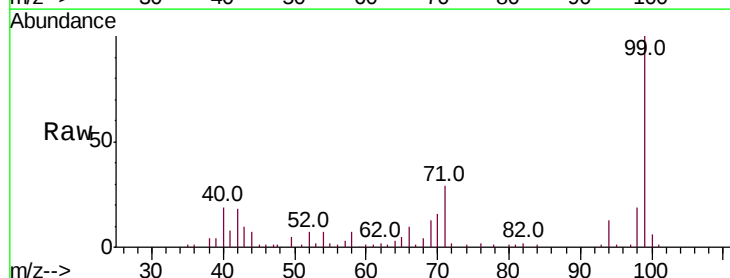
Tgt Ion: 94 Resp: 8607

Ion Ratio Lower Upper

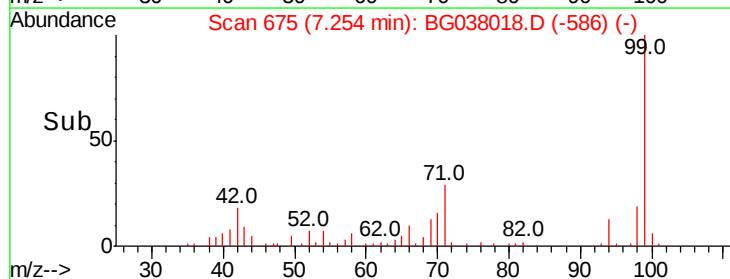
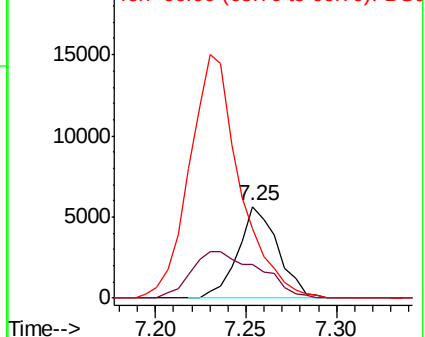
94 100

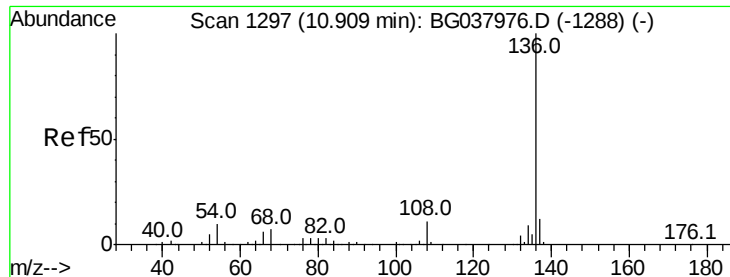
65 36.8 9.7 49.7

66 75.5 15.9 55.9#



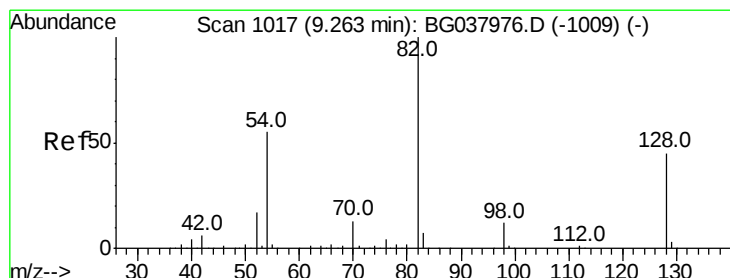
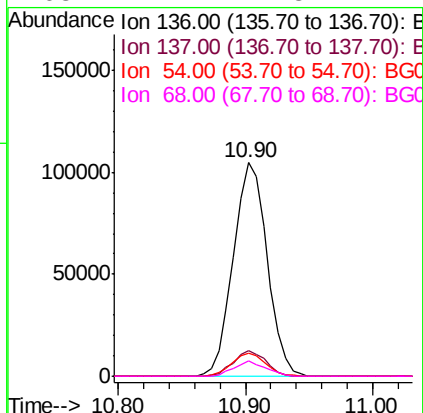
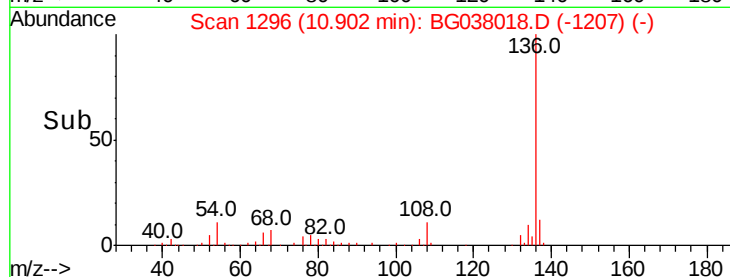
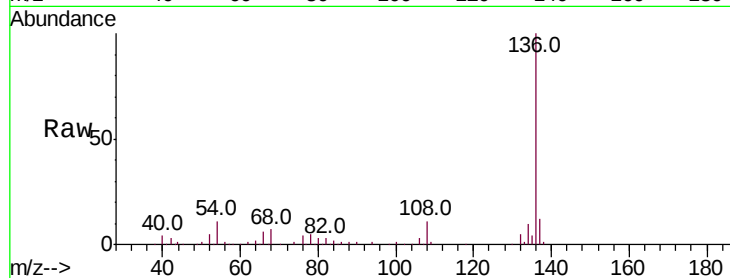
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





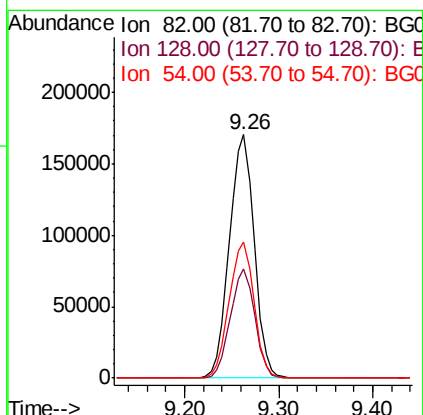
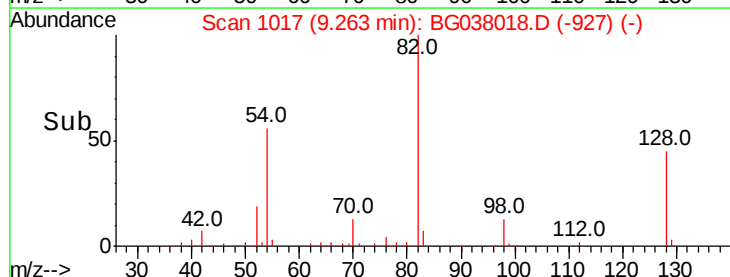
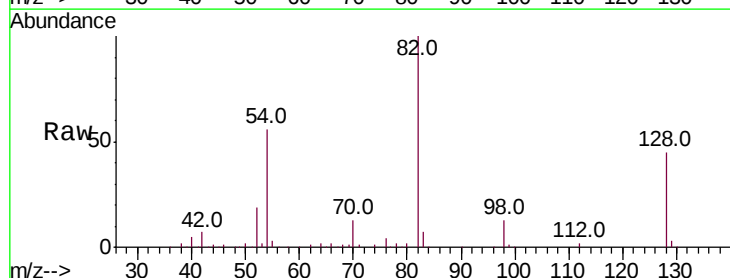
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038018.D
Acq: 15 Nov 2018 14:25

Tot Ion:136	Resp:	193608	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	9.6	14.4	
54 10.7	7.9	11.9	
68 7.1	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 86.606 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038018.D
Acq: 15 Nov 2018 14:25

Tgt Ion	82	Resp: Lower	313235 Upper
	Ratio 100		
128	45.0	34.6	51.8
54	56.1	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

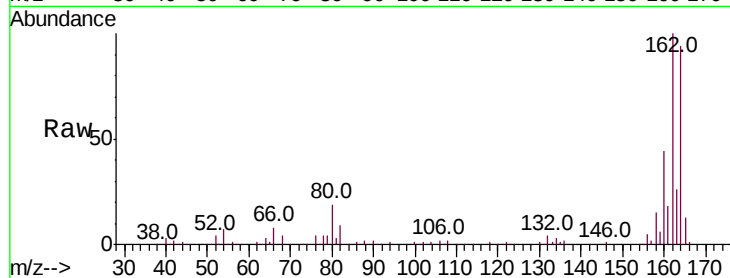
Delta R.T. -0.00 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

Tot Ion:164 Resp: 128197

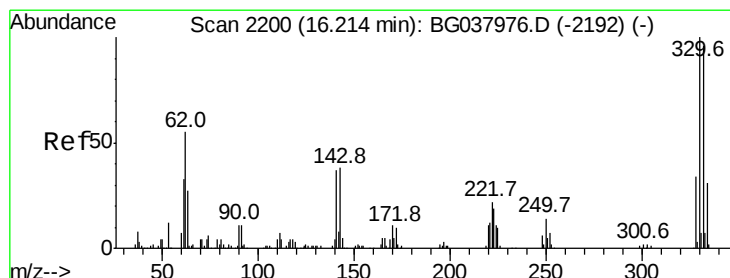
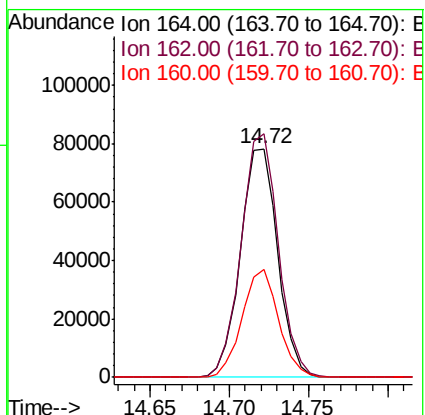
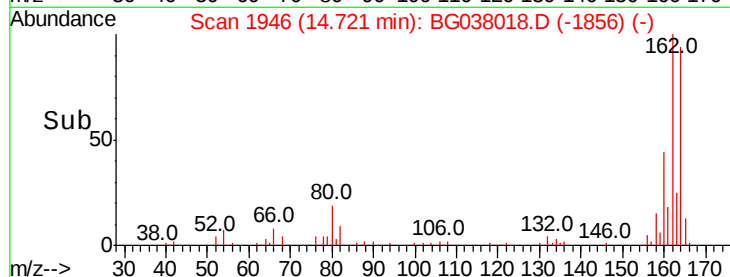
Ion	Ratio	Lower	Upper
164	100		
162	106.4	81.3	121.9
160	47.2	36.3	54.5



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: 129.676 ng

RT: 16.21 min Scan# 2199

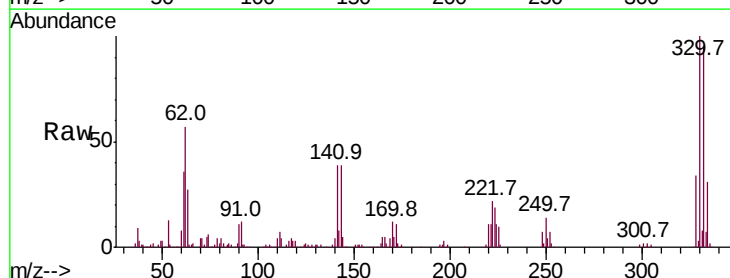
Delta R.T. -0.01 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

Tgt Ion:330 Resp: 189593

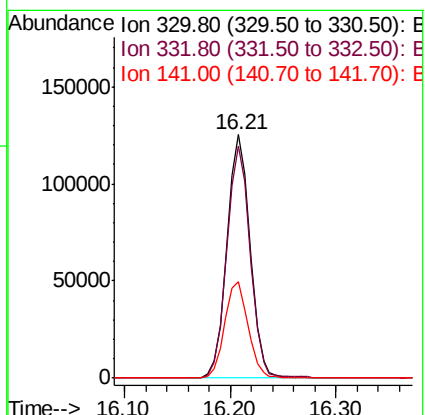
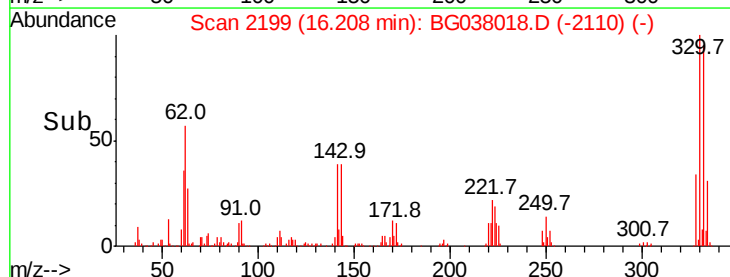
Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	40.2	32.2	48.2

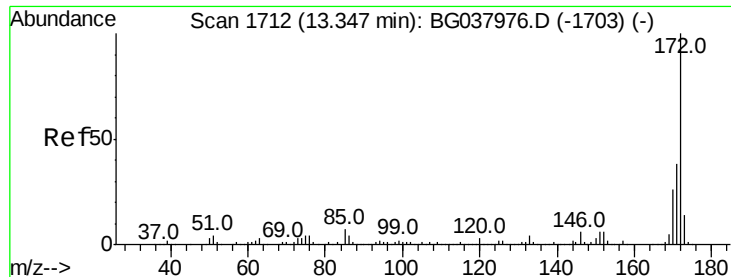


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

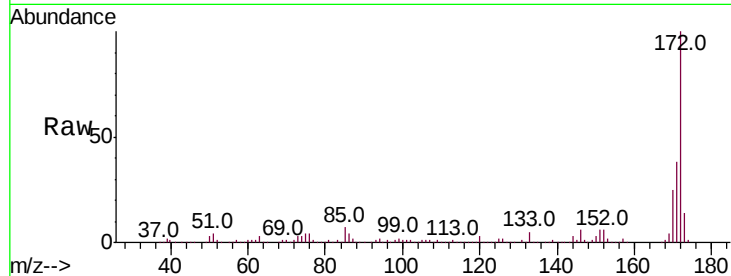
Ion 141.00 (140.70 to 141.70): E



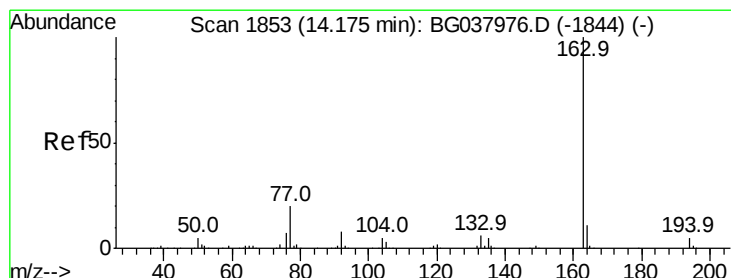
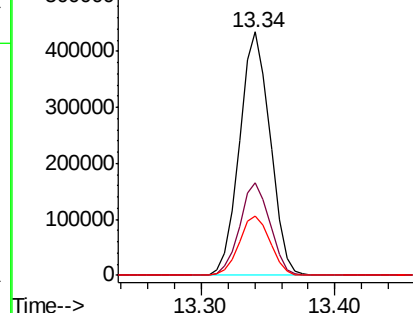
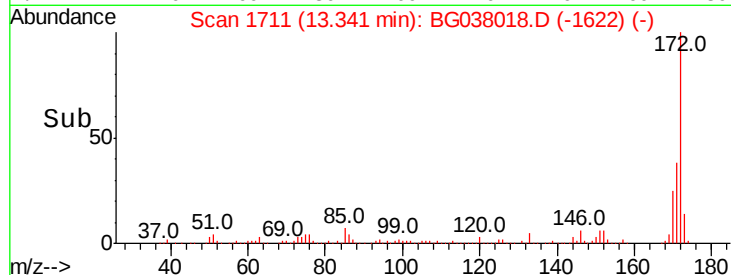


#45
 2-Fluorobiphenyl
 Concen: 78.276 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038018.D
 Acq: 15 Nov 2018 14:25

Tot Ion:	172	Resp:	688798
Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	24.6	20.2	30.2

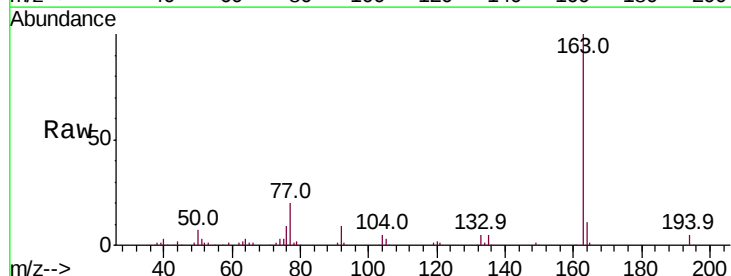


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

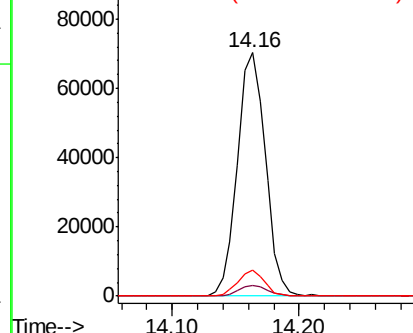
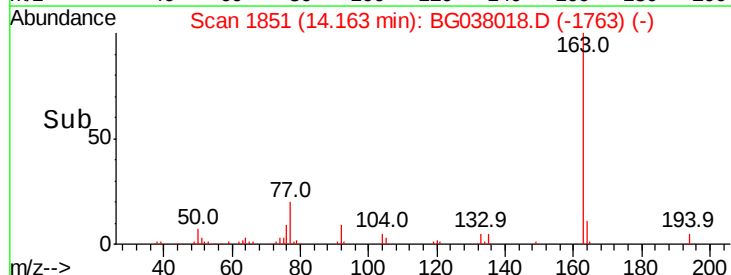


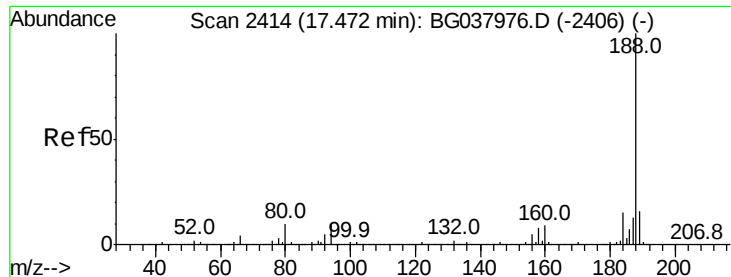
#50
 Dimethylphthalate
 Concen: 10.572 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG038018.D
 Acq: 15 Nov 2018 14:25

Tgt Ion:	163	Resp:	107441
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.9	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

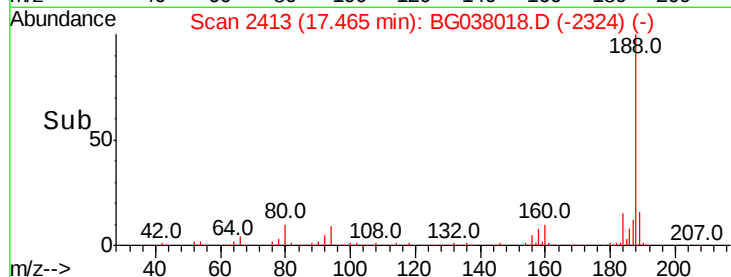
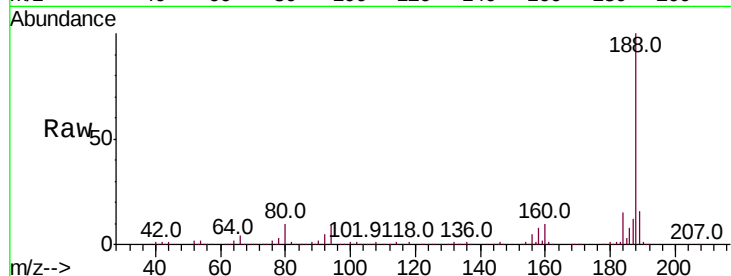
Tot Ion:188 Resp: 297552

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

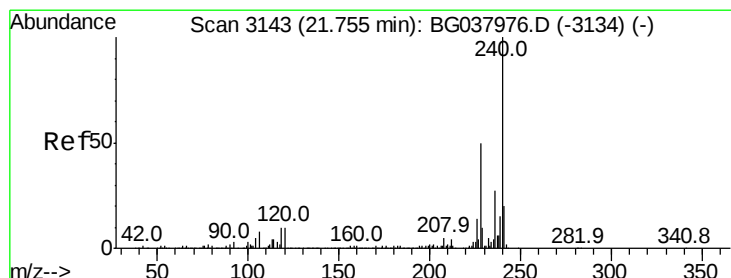
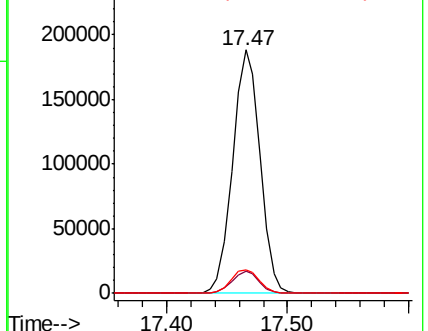
80 9.8 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

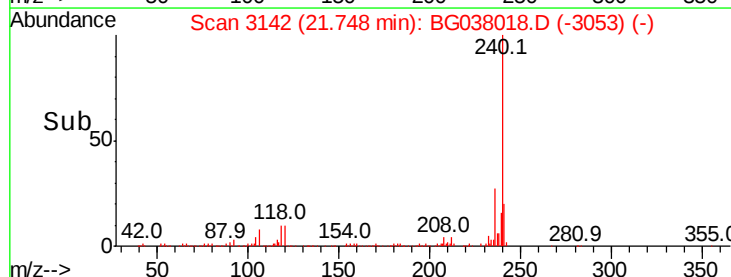
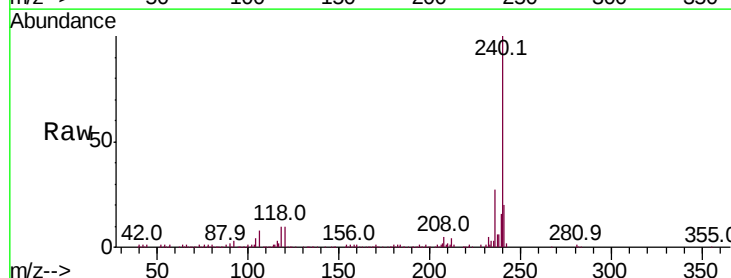
Tgt Ion:240 Resp: 277300

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

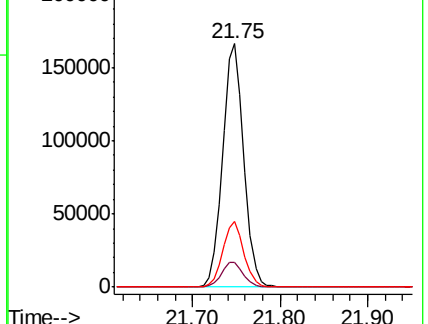
236 26.9 21.4 32.0

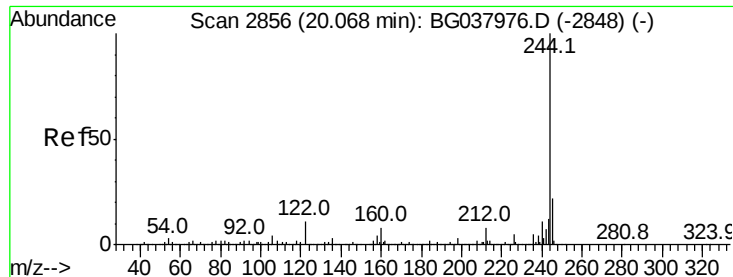


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.946 ng

RT: 20.07 min Scan# 2856

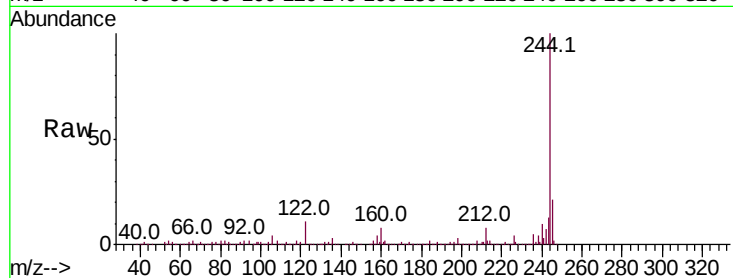
Delta R.T. 0.00 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

Tot Ion:244 Resp: 965727

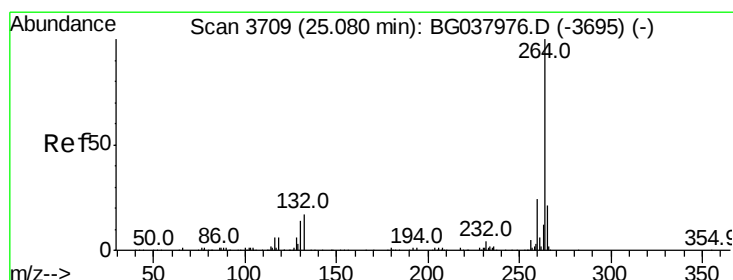
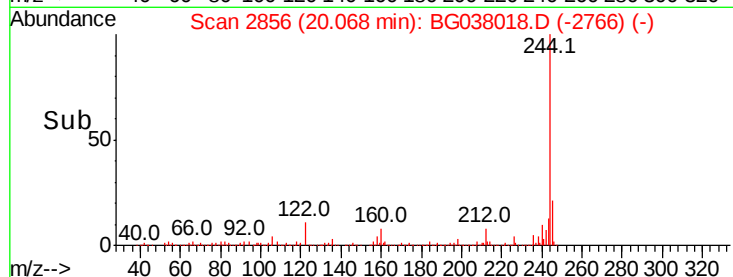
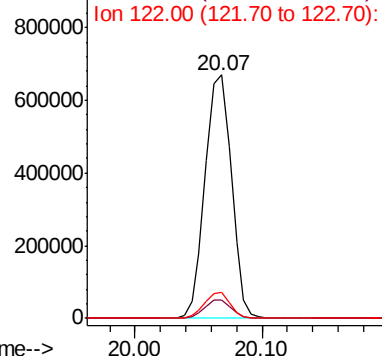
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	10.6	9.0	13.4



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: 25.07 min Scan# 3707

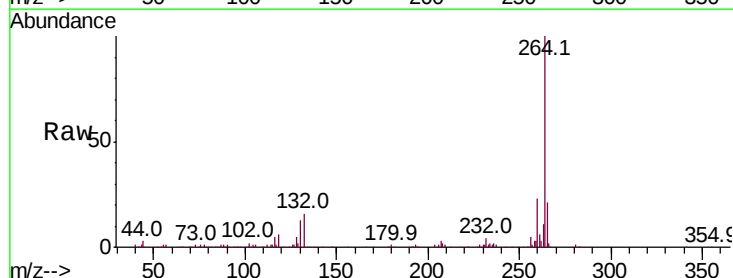
Delta R.T. -0.01 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

Tgt Ion:264 Resp: 284369

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.9	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

