

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
 Data File : BG038020.D
 Acq On : 15 Nov 2018 16:18
 Operator : JU/SJ
 Sample : J5950-02DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

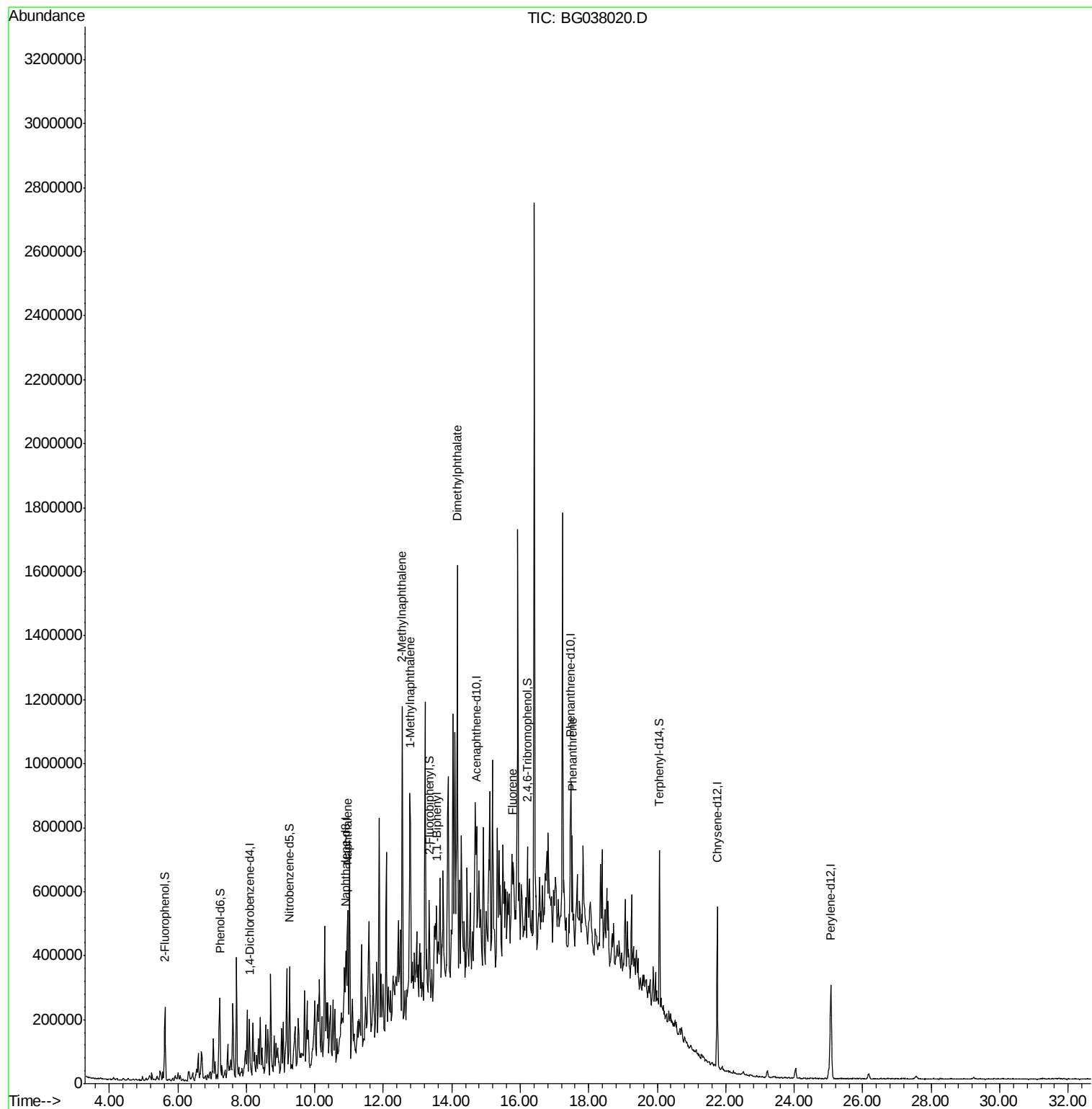
Quant Time: Nov 16 06:55:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

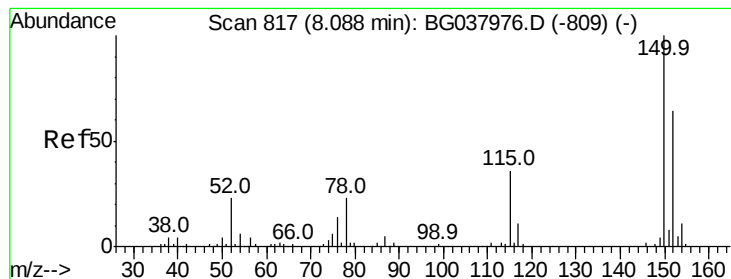
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	52047	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	217531	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	138204	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	278735	20.00	ng	0.00
76) Chrysene-d12	21.75	240	289912	20.00	ng	0.00
87) Perylene-d12	25.07	264	321652	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	93590	31.05	ng	0.00
7) Phenol-d6	7.22	99	136493	31.72	ng	0.00
23) Nitrobenzene-d5	9.26	82	85632	21.07	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	39734	25.21	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	180798	19.06	ng	0.00
79) Terphenyl-d14	20.07	244	240946	19.56	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.96	128	255171	23.849	ng	99
37) 2-Methylnaphthalene	12.55	142	492442	64.076	ng	98
38) 1-Methylnaphthalene	12.78	142	293188m	39.633	ng	
46) 1,1'-Biphenyl	13.55	154	111028	9.563	ng	100
50) Dimethylphthalate	14.16	163	23329	2.129	ng	# 96
58) Fluorene	15.77	166	66064	6.676	ng	# 91
71) Phenanthrene	17.51	178	194197	13.608	ng	96

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

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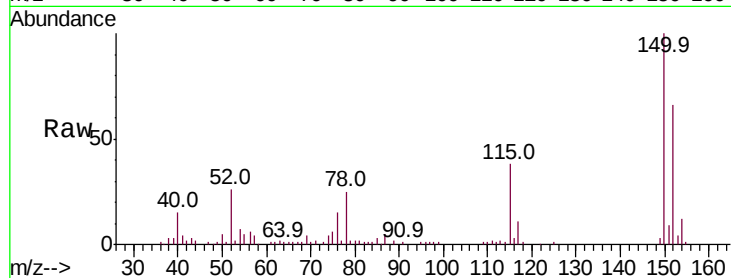




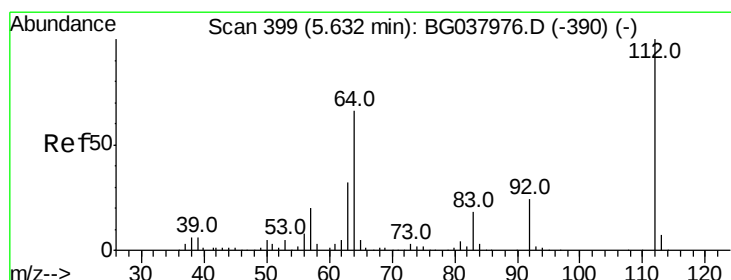
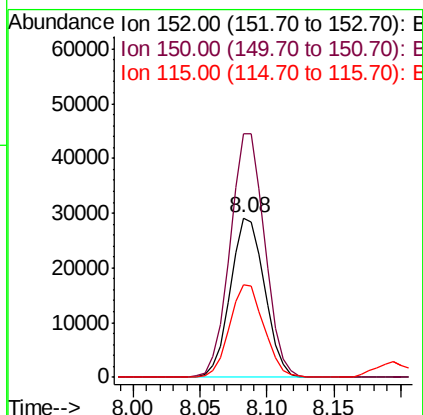
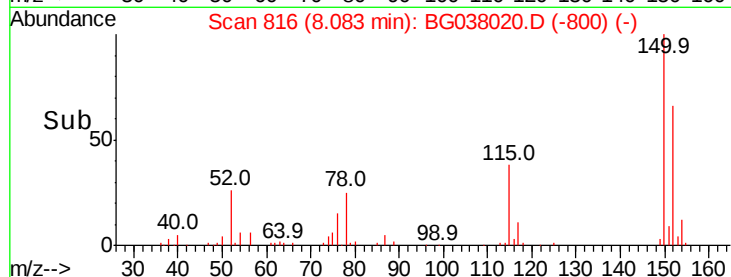
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038020.D
Acq: 15 Nov 2018 16:18

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.0	189.0
115	57.8	45.5	68.3



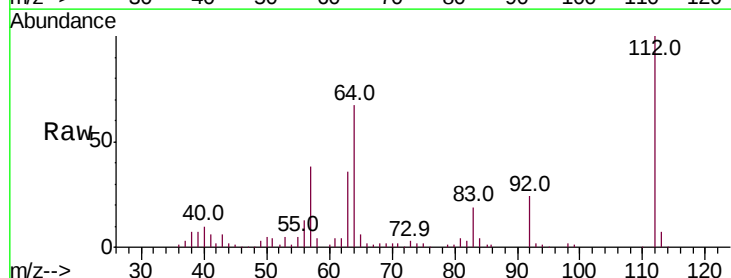
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



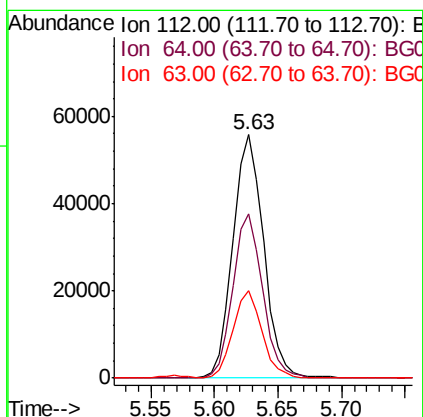
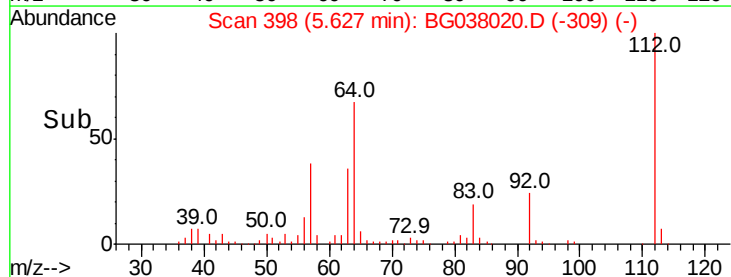
#5

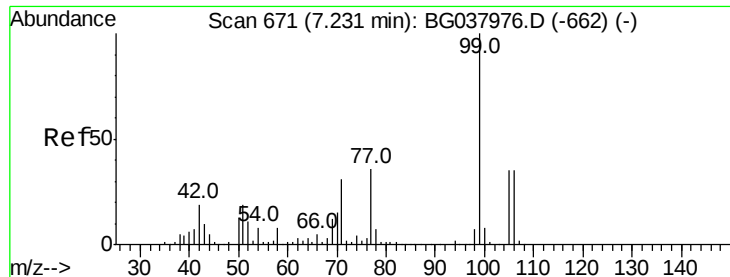
2-Fluorophenol
Concen: 31.047 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038020.D
Acq: 15 Nov 2018 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.1	79.7
63	35.8	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: 31.720 ng

RT: 7.22 min Scan# 670

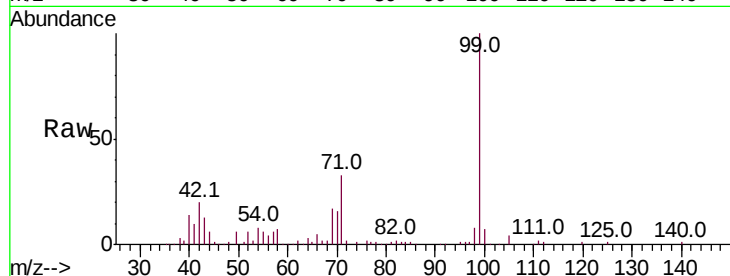
Delta R.T. -0.01 min

Lab File: BG038020.D

Acq: 15 Nov 2018 16:18

Tot Ion: 99 Resp: 136493

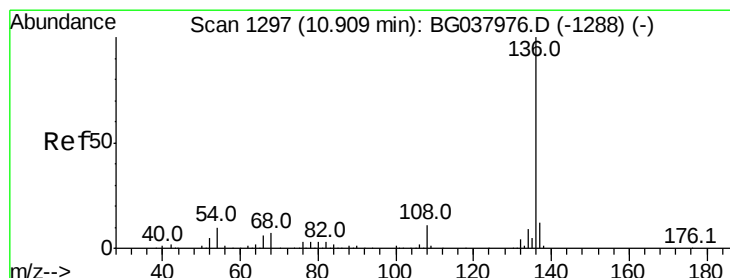
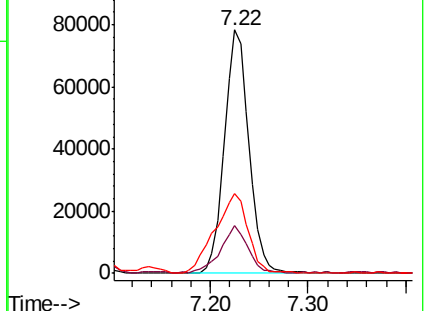
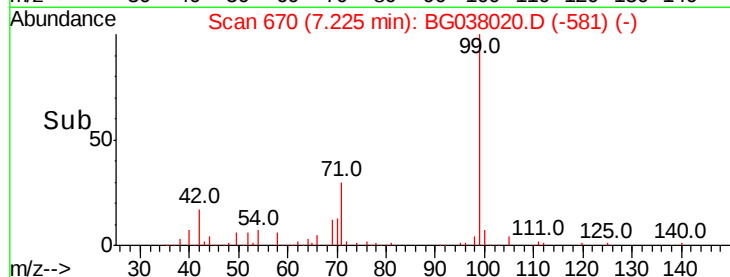
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.0	22.4
71	32.9	25.5	38.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

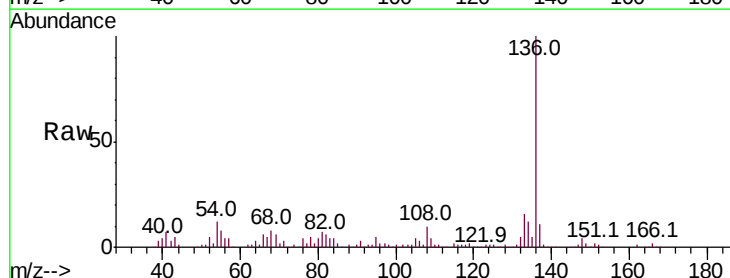
Delta R.T. 0.00 min

Lab File: BG038020.D

Acq: 15 Nov 2018 16:18

Tgt Ion: 136 Resp: 217531

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	12.3	7.9	11.9#
68	8.2	4.8	7.2#

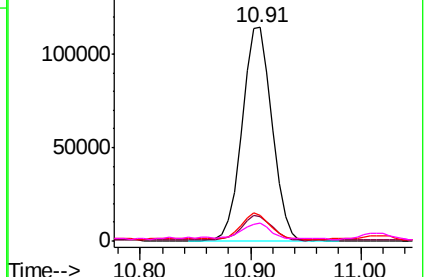
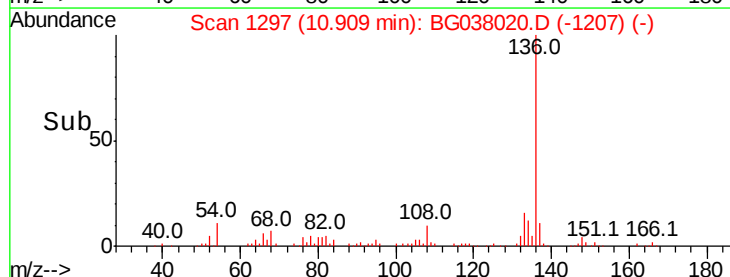


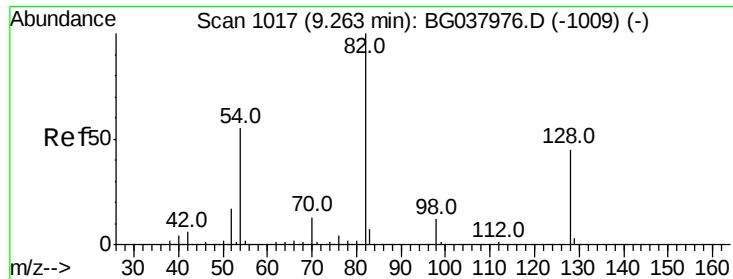
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 21.072 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG038020.D

Acq: 15 Nov 2018 16:18

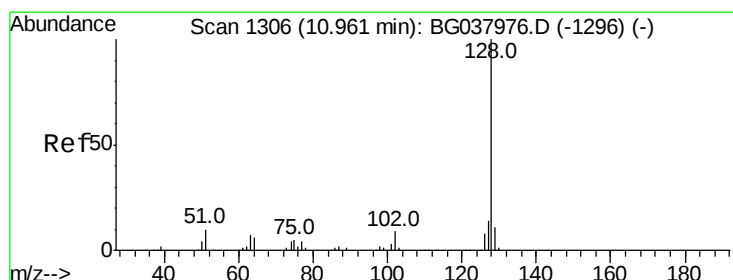
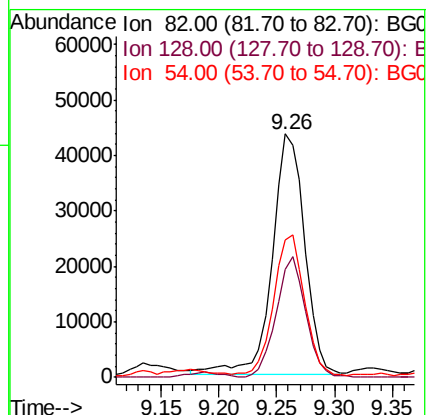
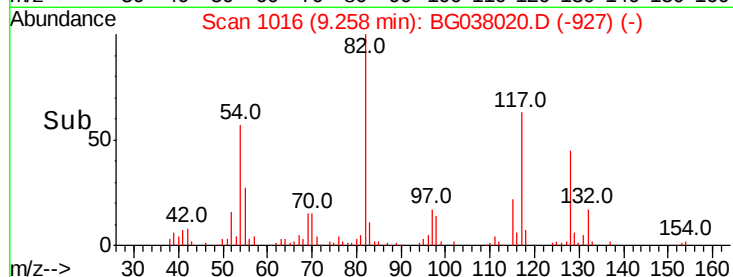
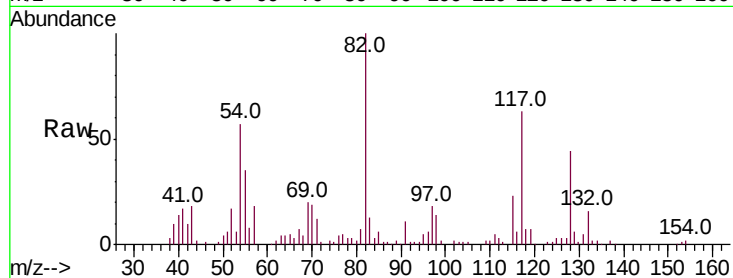
Tot Ion: 82 Resp: 85632

Ion Ratio Lower Upper

82 100

128 44.5 34.6 51.8

54 56.6 45.3 67.9



#31

Naphthalene

Concen: 23.849 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG038020.D

Acq: 15 Nov 2018 16:18

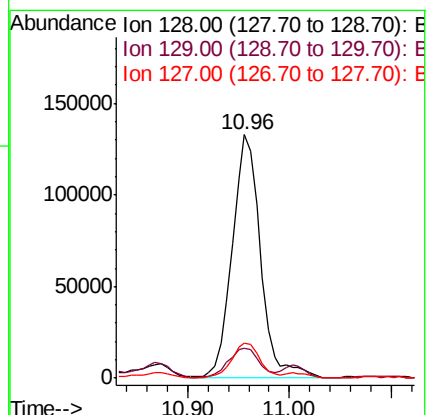
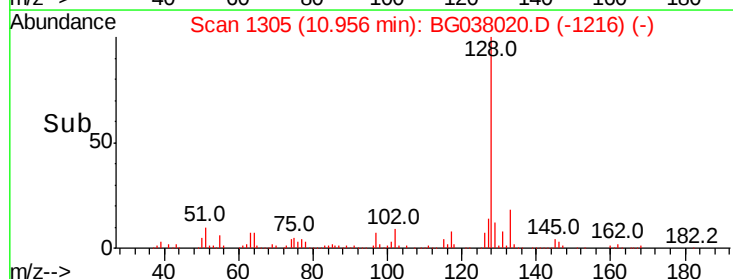
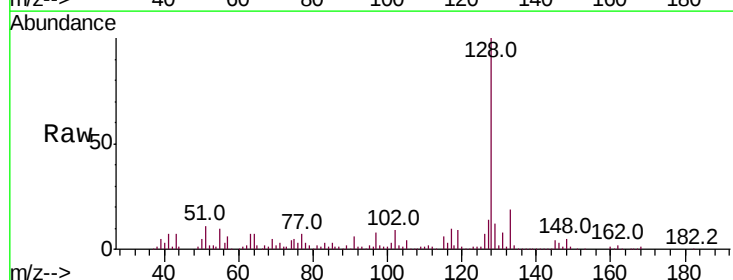
Tgt Ion: 128 Resp: 255171

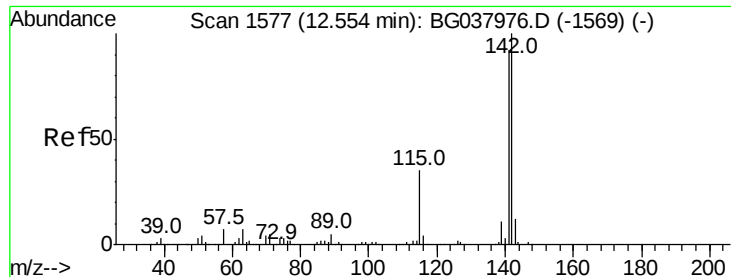
Ion Ratio Lower Upper

128 100

129 12.1 9.0 13.6

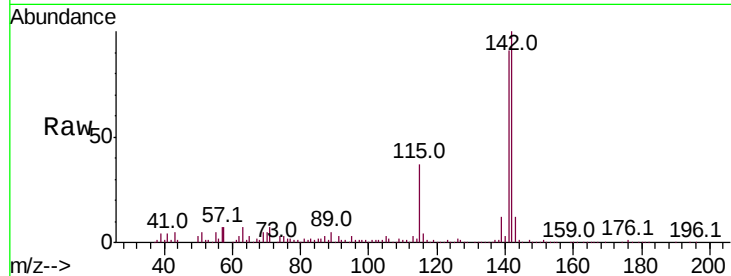
127 14.2 11.1 16.7



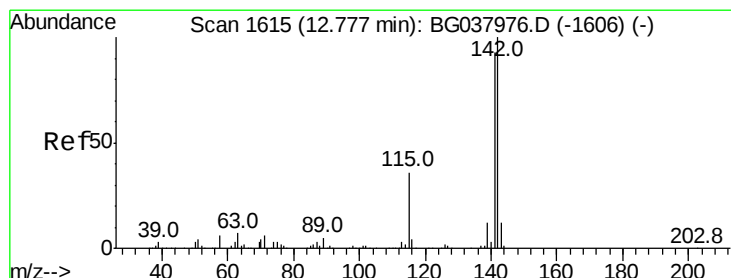
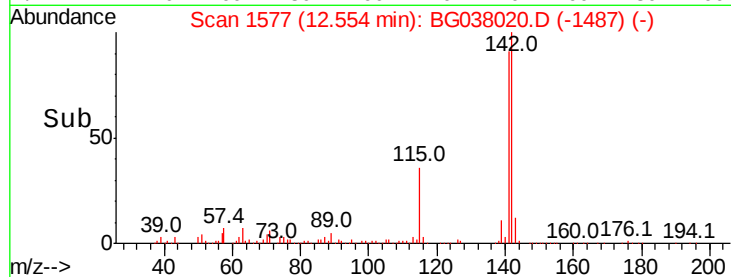
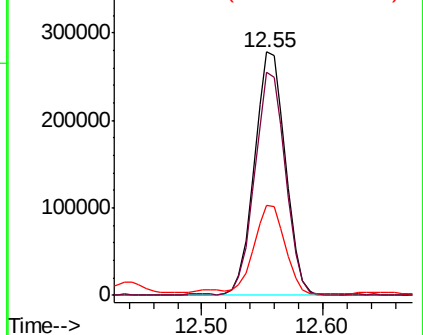


#37
2-Methylnaphthalene
Concen: 64.076 ng
RT: 12.55 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038020.D
Acq: 15 Nov 2018 16:18

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.9	107.9
115	37.0	27.8	41.8

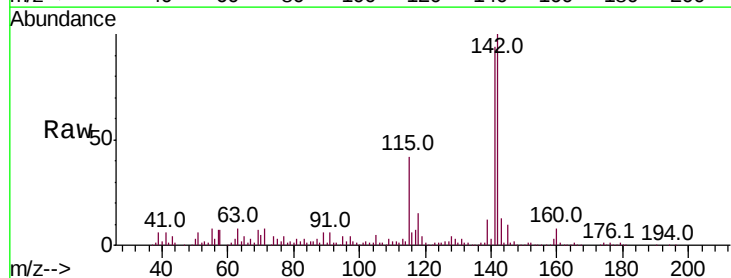


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

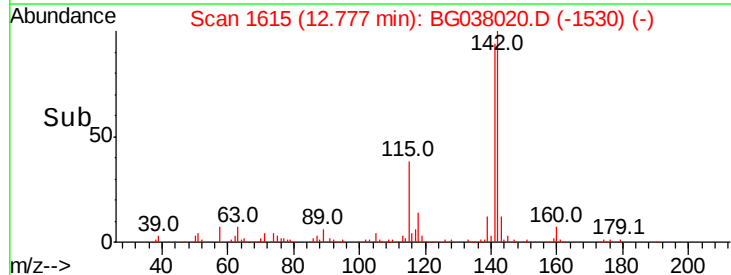
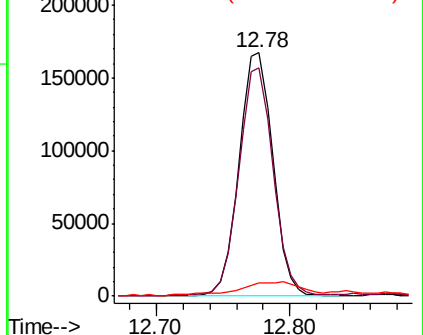


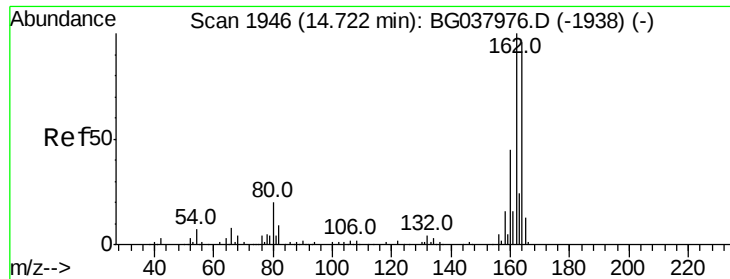
#38
1-Methylnaphthalene
Concen: 39.633 ng m
RT: 12.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BG038020.D
Acq: 15 Nov 2018 16:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.2	112.8
116	5.6	3.3	4.9#



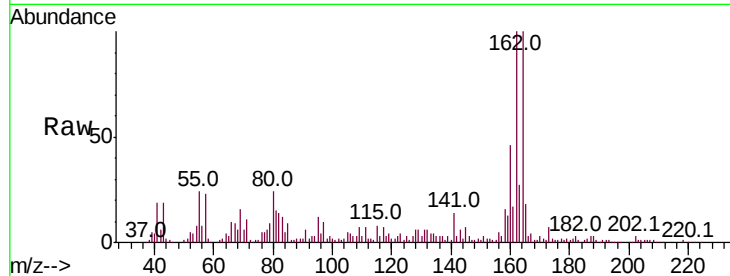
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



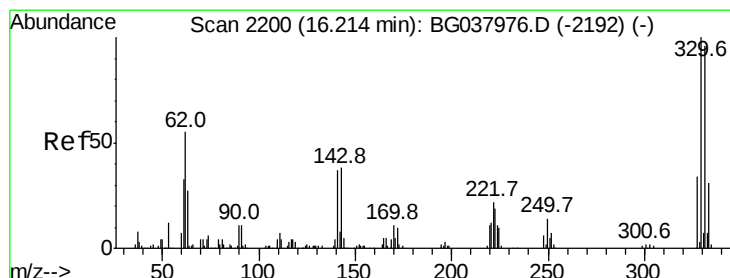
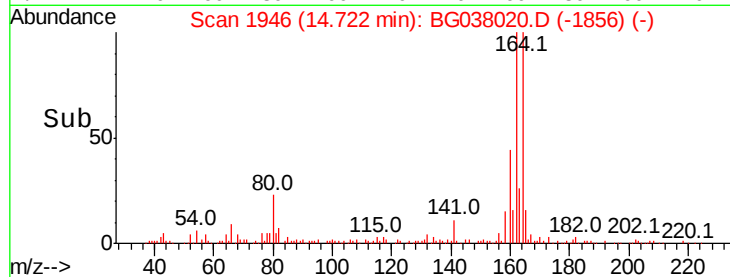
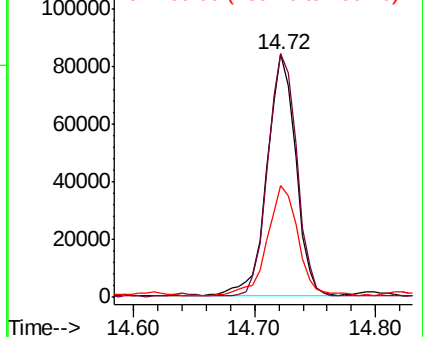


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038020.D
Acq: 15 Nov 2018 16:18

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.3	121.9
160	45.8	36.3	54.5

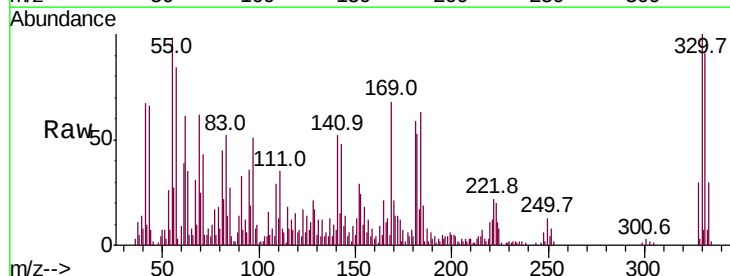


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

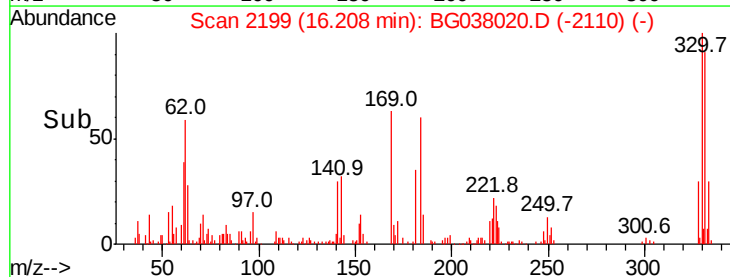
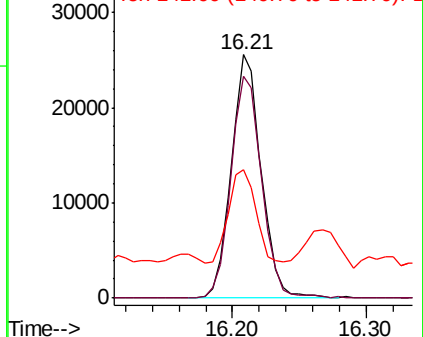


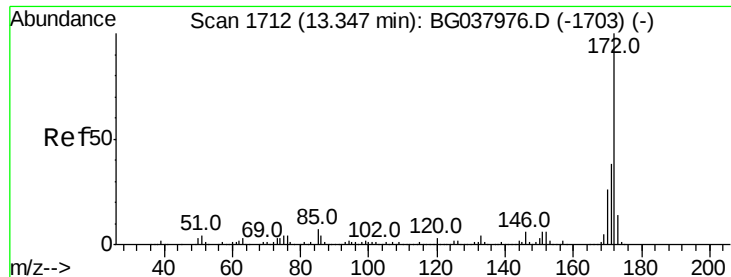
#42
2,4,6-Tribromophenol
Concen: 25.209 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038020.D
Acq: 15 Nov 2018 16:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	78.4	117.6
141	36.7	32.2	48.2



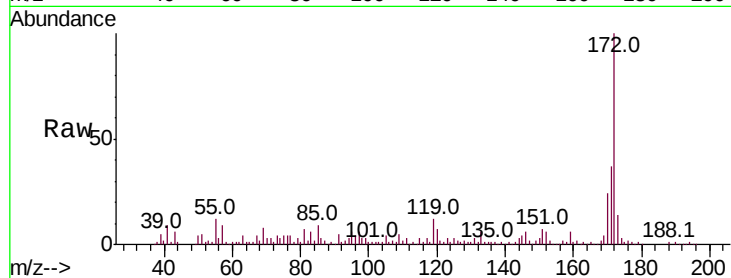
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



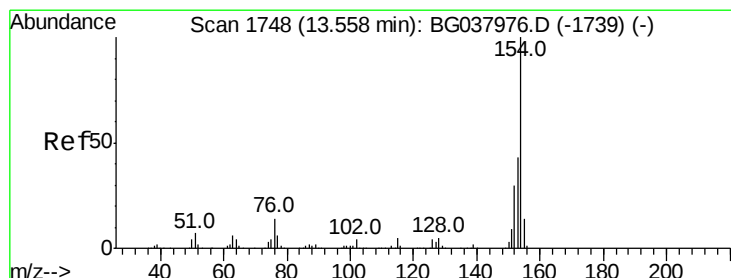
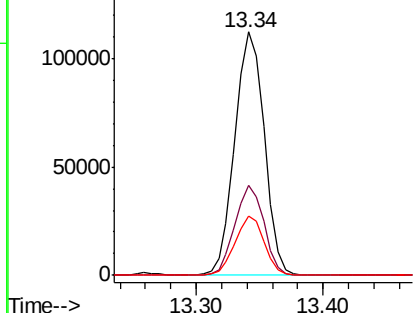
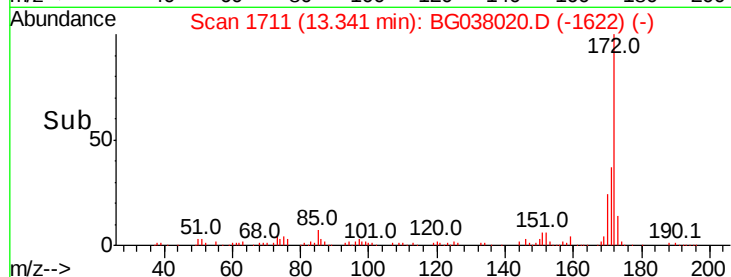


#45
2-Fluorobiphenyl
Concen: 19.058 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038020.D
Acq: 15 Nov 2018 16:18

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	24.3	20.2	30.2

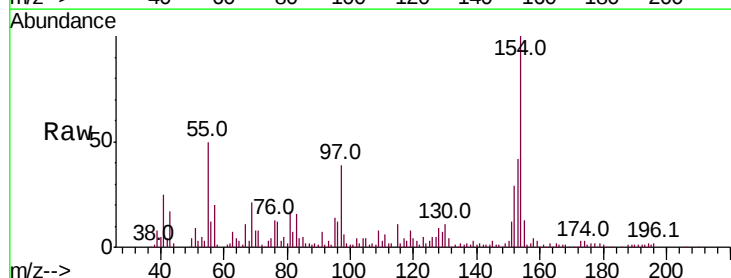


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

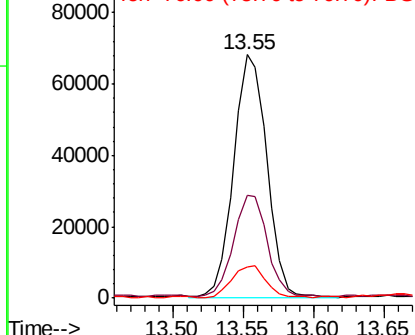
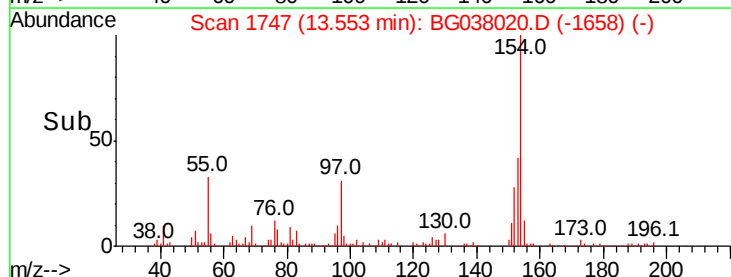


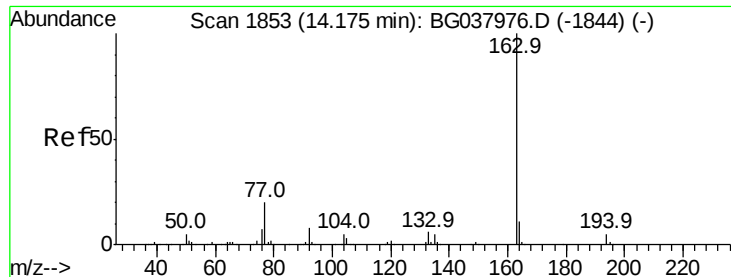
#46
1,1'-Biphenyl
Concen: 9.563 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038020.D
Acq: 15 Nov 2018 16:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.1	62.1
76	12.9	0.0	33.2



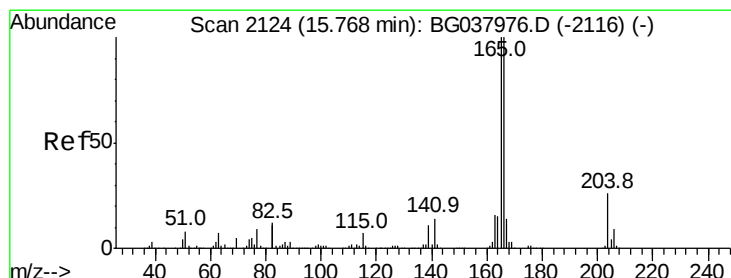
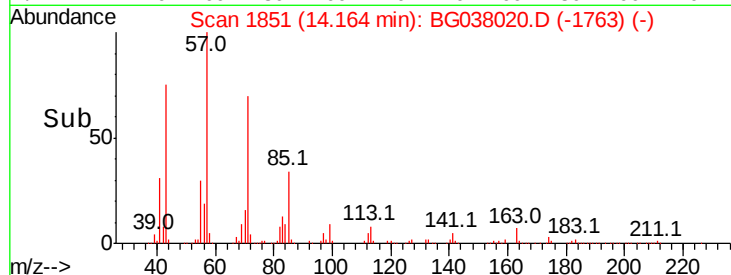
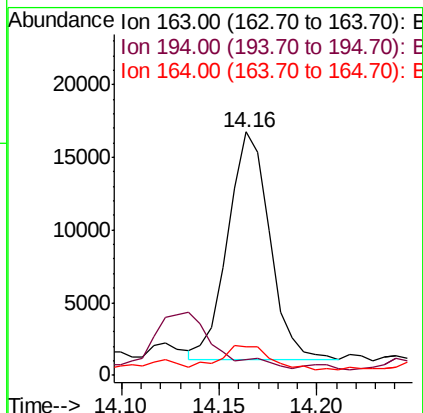
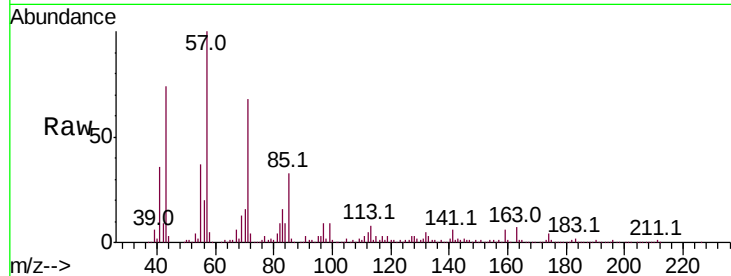
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





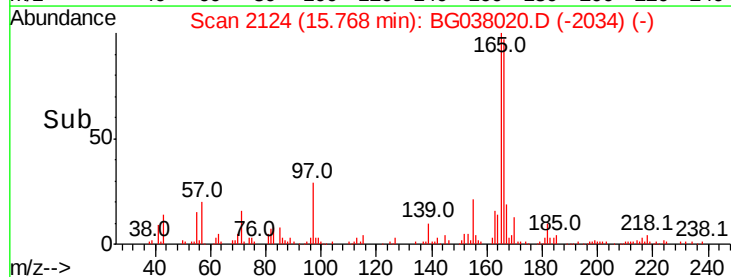
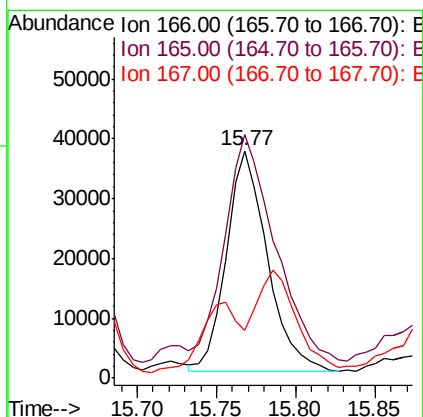
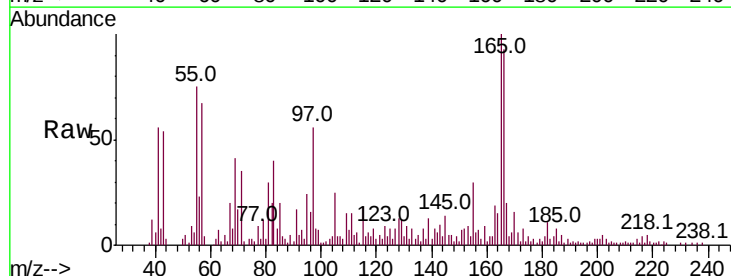
#50
Dimethylphthalate
Concen: 2.129 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038020.D
Acq: 15 Nov 2018 16:18

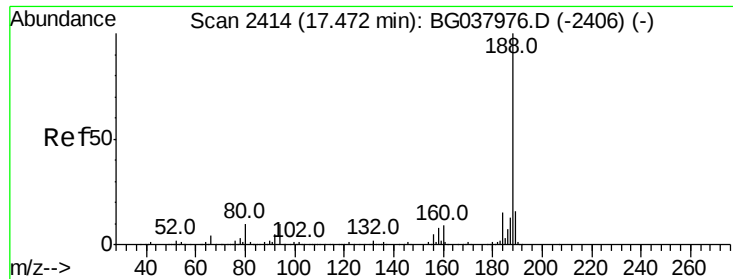
Tot Ion:163 Resp: 23329
Ion Ratio Lower Upper
163 100
194 6.3 3.5 5.3#
164 11.8 8.5 12.7



#58
Fluorene
Concen: 6.676 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038020.D
Acq: 15 Nov 2018 16:18

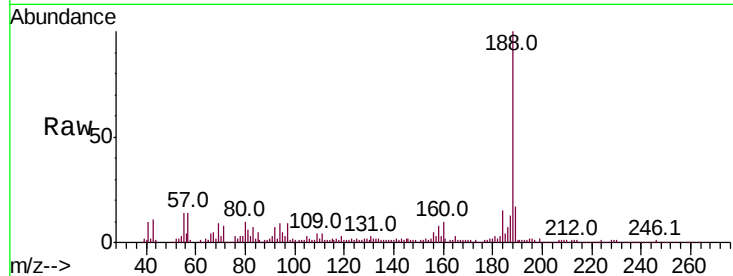
Tgt Ion:166 Resp: 66064
Ion Ratio Lower Upper
166 100
165 107.0 79.0 118.6
167 21.3 11.3 16.9#



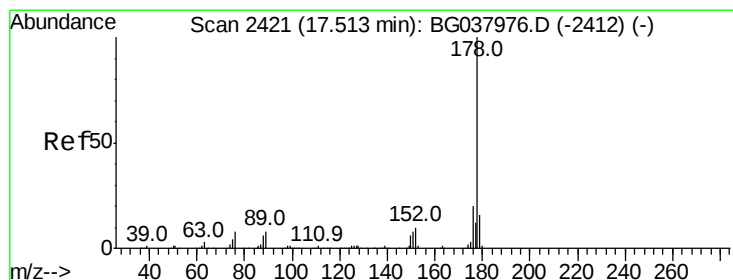
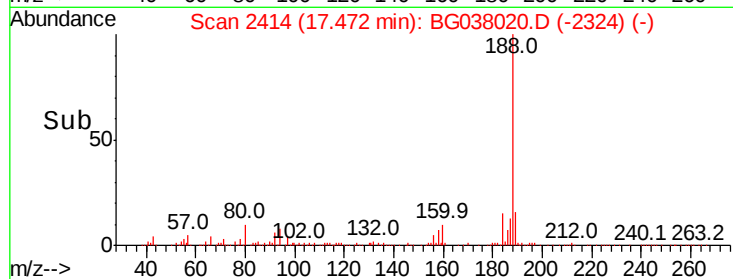
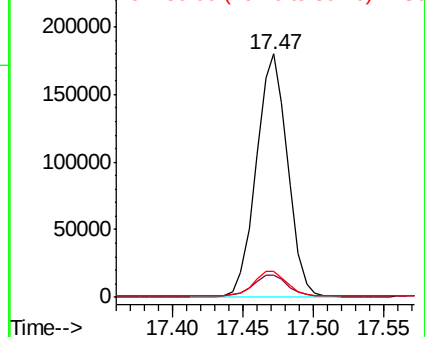


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG038020.D
Acq: 15 Nov 2018 16:18

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.5	7.7	11.5

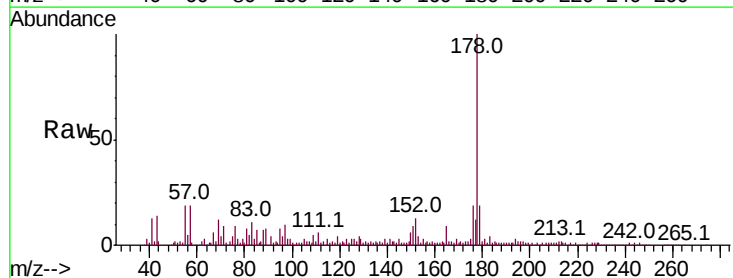


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

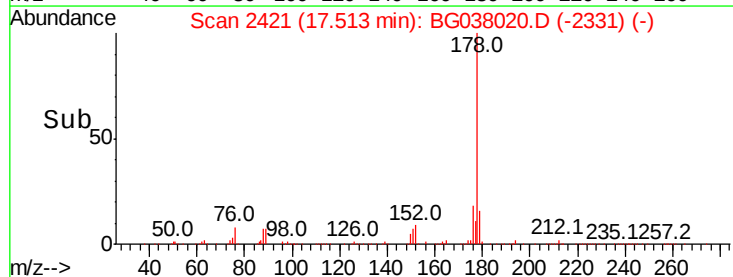
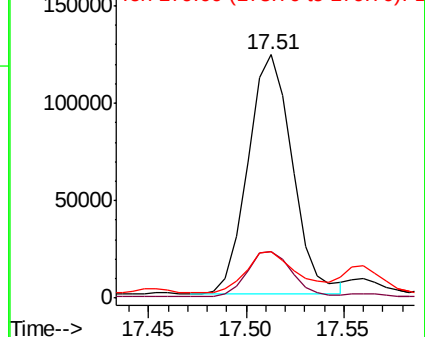


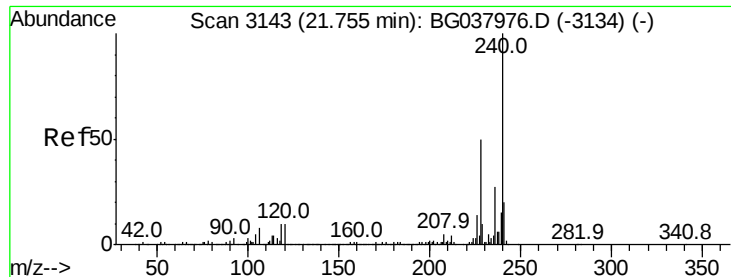
#71
Phenanthrene
Concen: 13.608 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG038020.D
Acq: 15 Nov 2018 16:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.1	24.1
179	19.0	13.0	19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#76

Chrysene-d12

Concen: 20.000 ng

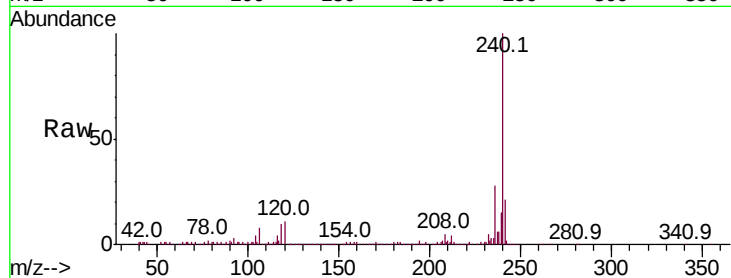
RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038020.D

Acq: 15 Nov 2018 16:18

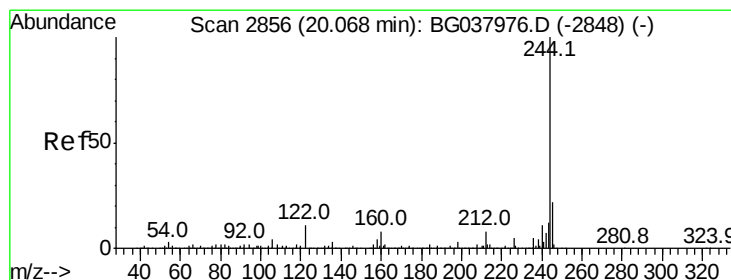
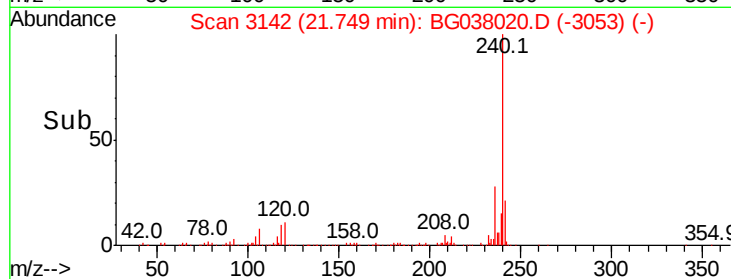
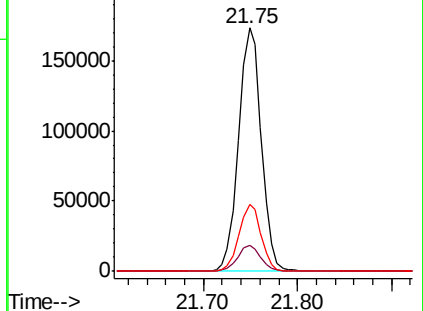
Tot Ion:240	Resp:	289912
Ion Ratio	Lower	Upper
240	100	
120	10.9	8.1 12.1
236	27.6	21.4 32.0



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: 19.556 ng

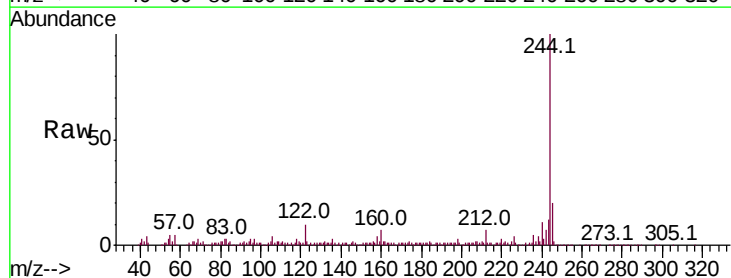
RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038020.D

Acq: 15 Nov 2018 16:18

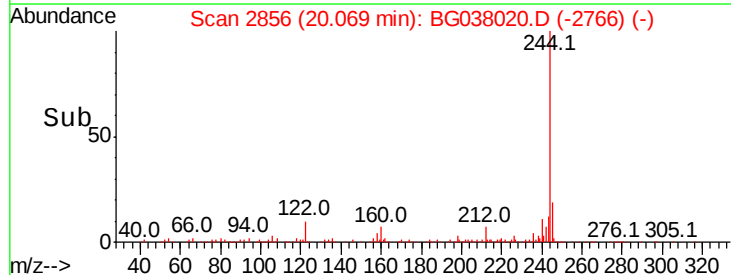
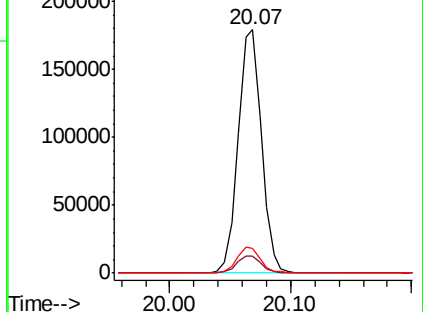
Tgt Ion:244	Resp:	240946
Ion Ratio	Lower	Upper
244	100	
212	7.1	6.5 9.7
122	10.1	9.0 13.4

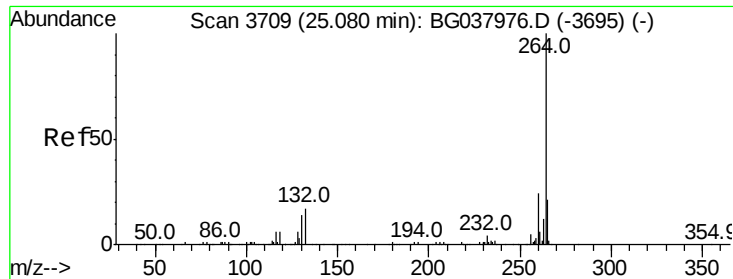


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlone-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038020.D
Acq: 15 Nov 2018 16:18

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	20.6	17.9	26.9

