

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037890.D
 Acq On : 8 Nov 2018 17:57
 Operator : JU/SJ
 Sample : J5844-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

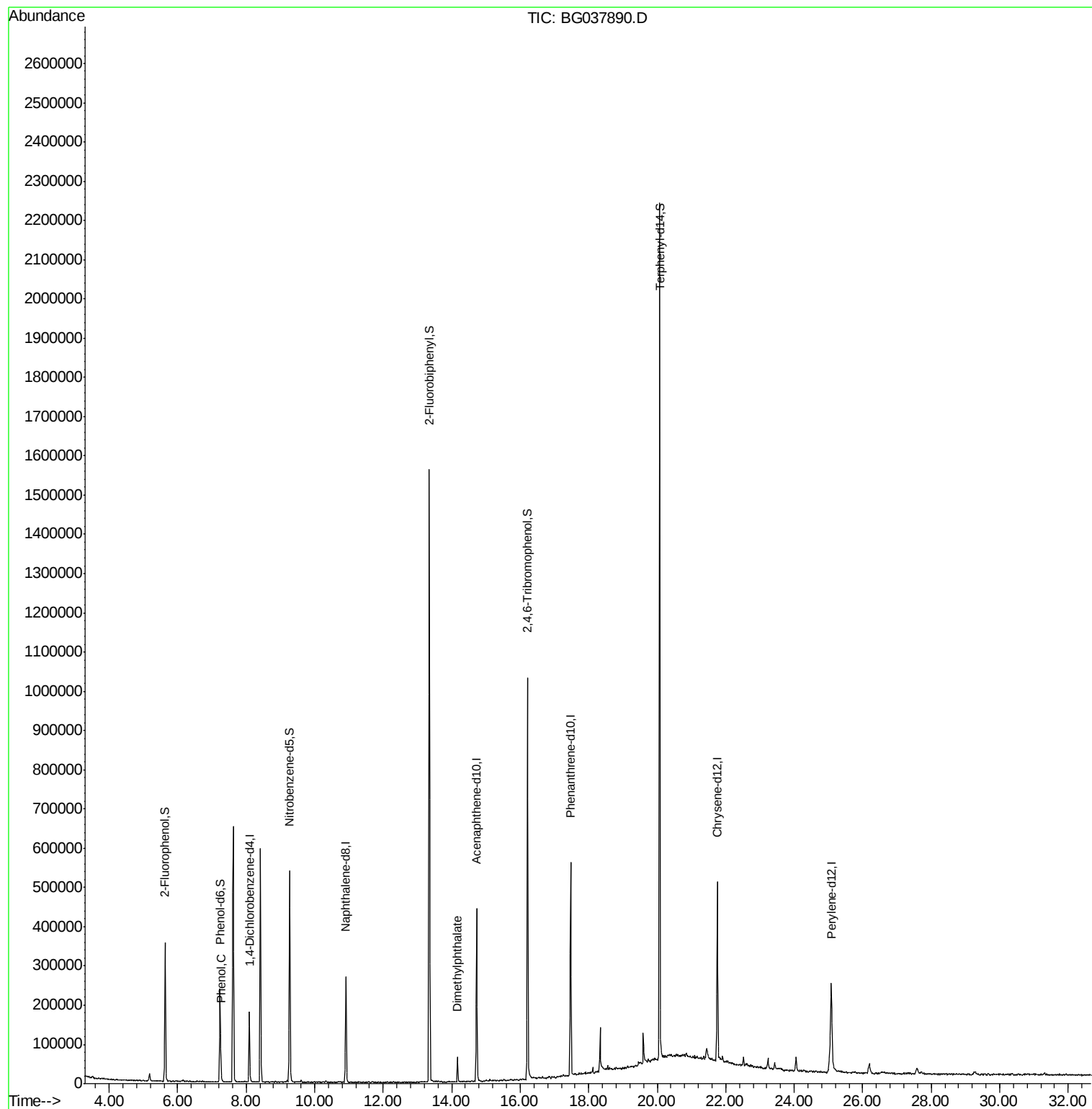
Quant Time: Nov 09 14:50:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	55553	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	253987	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	162954	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	346669	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	301807	20.00	ng	-0.02
87) Perylene-d12	25.08	264	294018	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	168605	50.74	ng	-0.01
7) Phenol-d6	7.24	99	158045	31.45	ng	-0.01
23) Nitrobenzene-d5	9.27	82	352727	77.80	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	198376	111.62	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	857285	79.33	ng	-0.02
79) Terphenyl-d14	20.07	244	1083627	76.72	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.26	94	23264	4.388	ng	99
50) Dimethylphthalate	14.17	163	46824	3.714	ng	# 95

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

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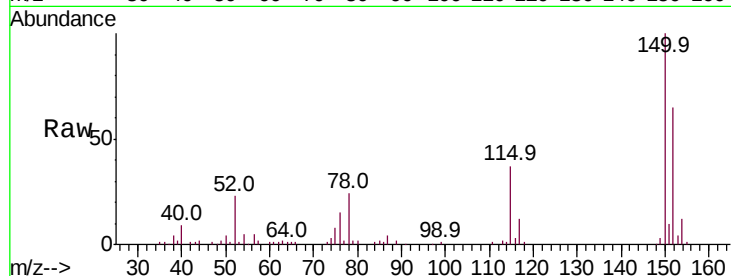




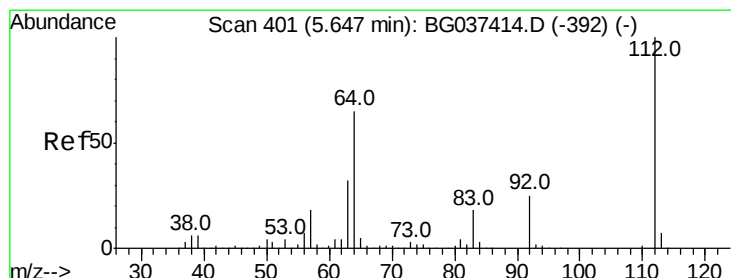
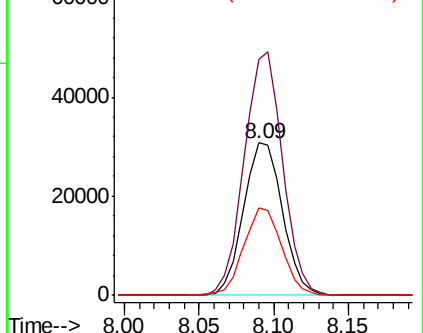
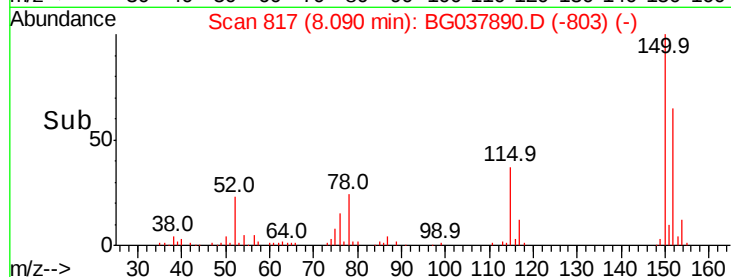
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.0	189.0
115	57.8	45.5	68.3



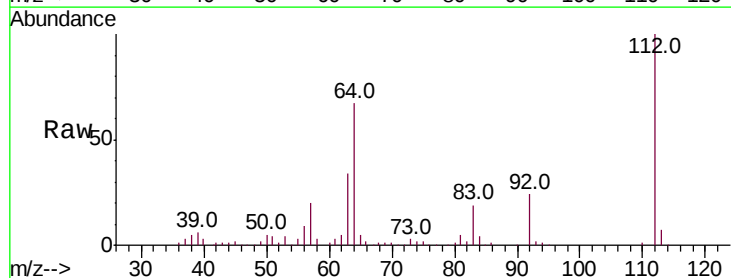
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



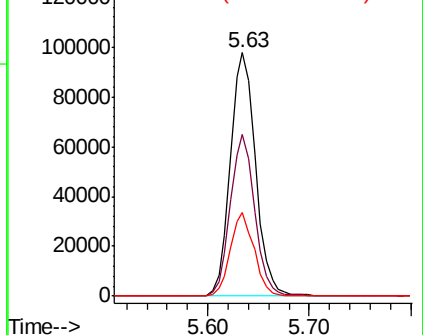
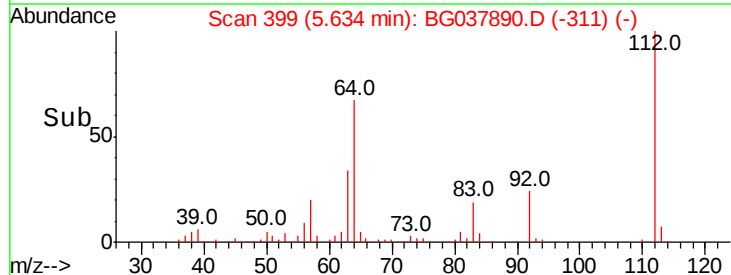
#5

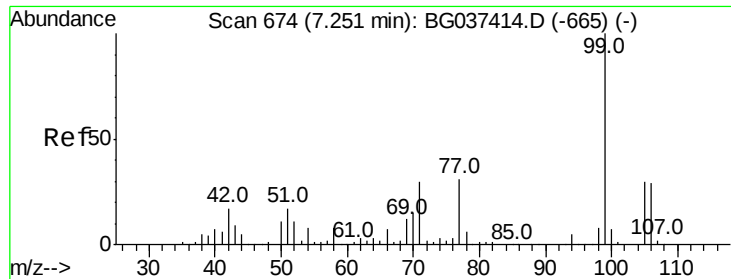
2-Fluorophenol
Concen: 50.741 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	34.2	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: 31.455 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037890.D

Acq: 8 Nov 2018 17:57

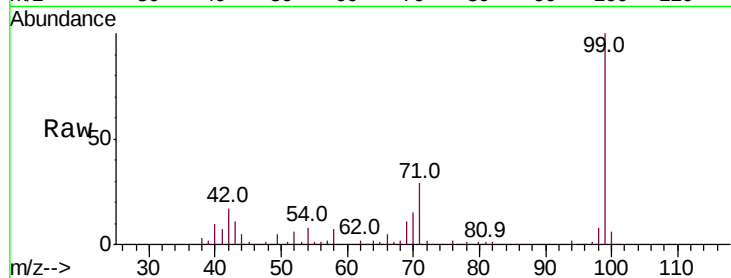
Tot Ion: 99 Resp: 158045

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.0	22.4
71	28.5	25.5	38.3

99 100

42 17.4 15.0 22.4

71 28.5 25.5 38.3

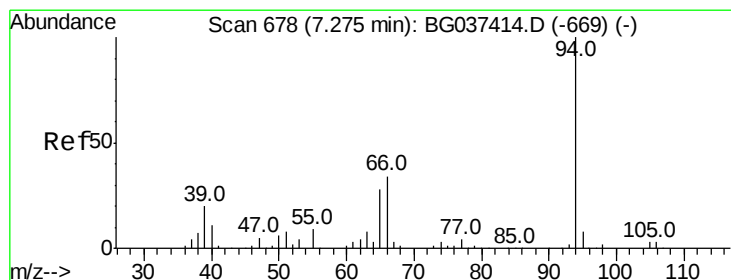
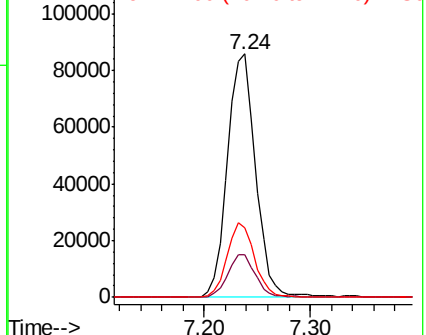
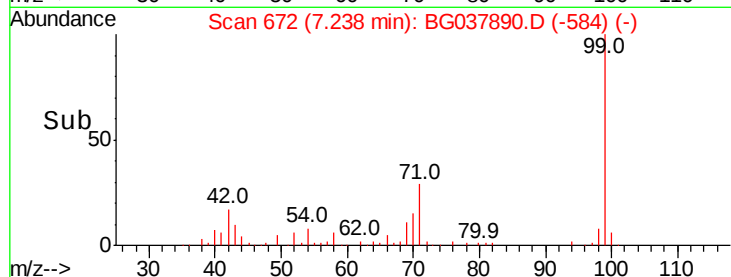


Abundance

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: 4.388 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037890.D

Acq: 8 Nov 2018 17:57

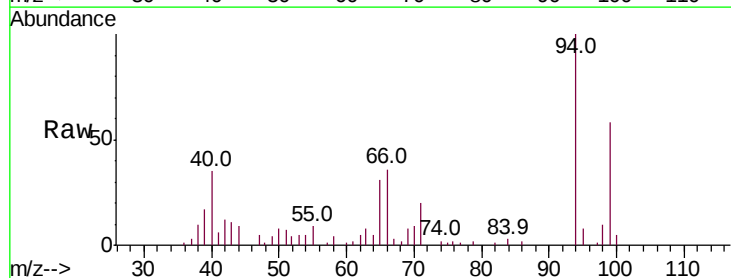
Tgt Ion: 94 Resp: 23264

Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.7	49.7
66	36.1	15.9	55.9

94 100

65 30.8 9.7 49.7

66 36.1 15.9 55.9

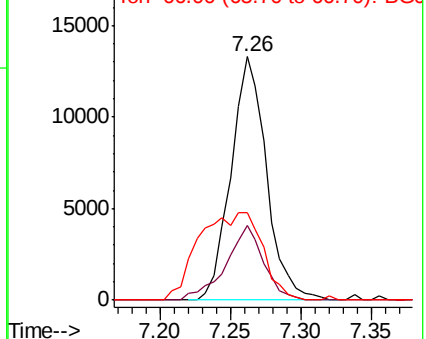
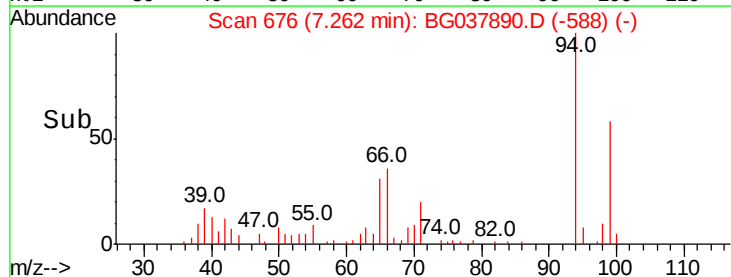


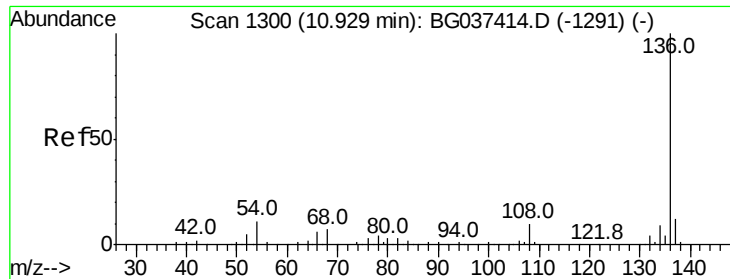
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

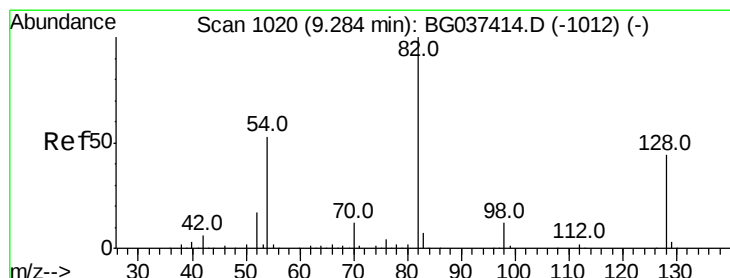
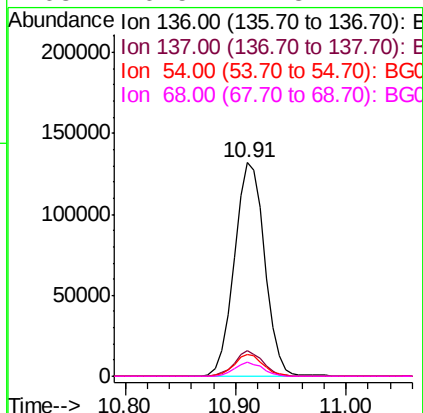
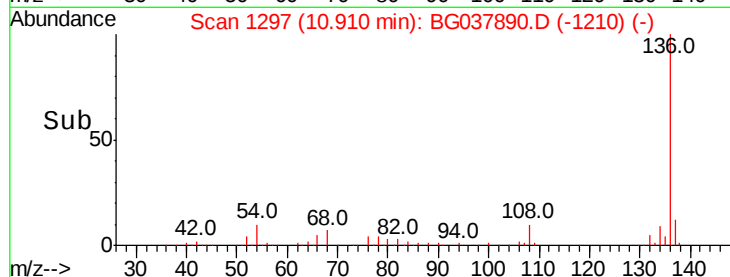
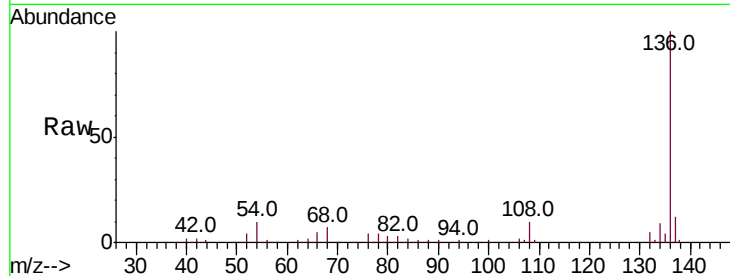
Ion 66.00 (65.70 to 66.70): BGC





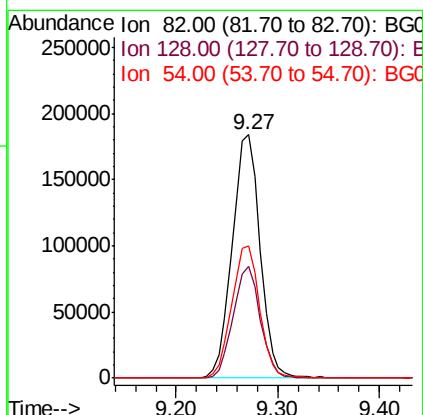
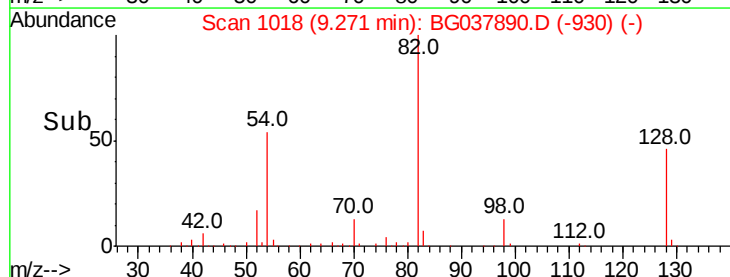
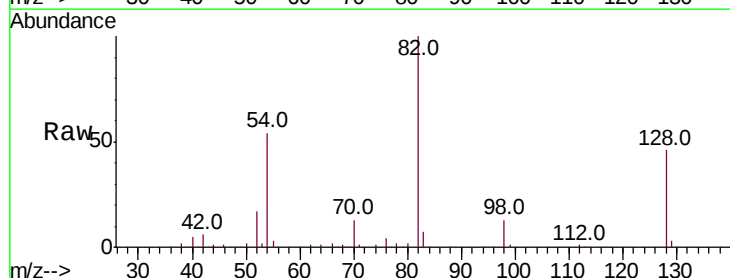
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

Tot Ion:136	Resp:	253987	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	9.6	14.4	
54 10.1	7.9	11.9	
68 6.5	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 77.797 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

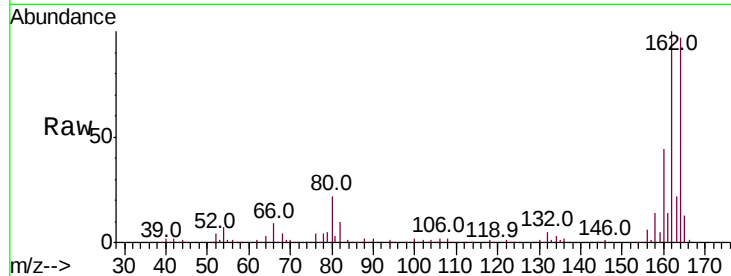
Tgt Ion: 82	Resp: 352727
Ion Ratio	Lower Upper
82 100	
128 46.1	34.6 51.8
54 54.3	45.3 67.9



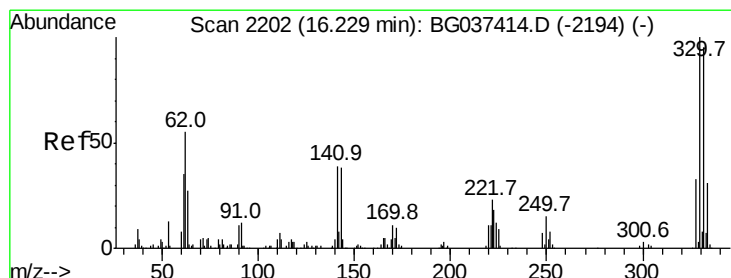
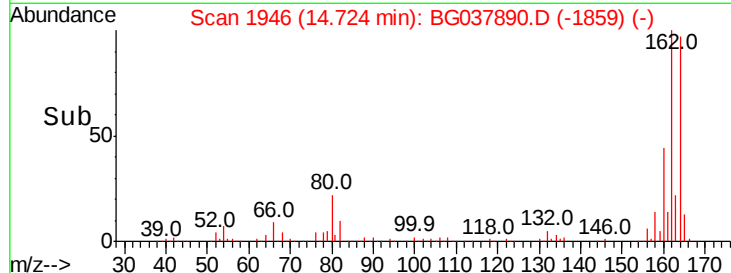
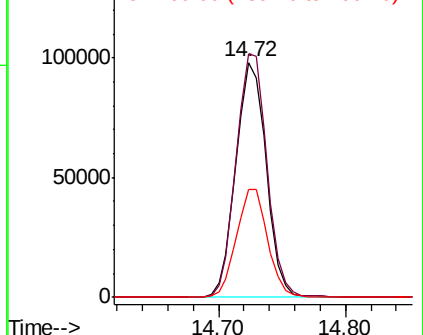


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

Tot Ion:164 Resp: 162954
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 45.6 36.3 54.5

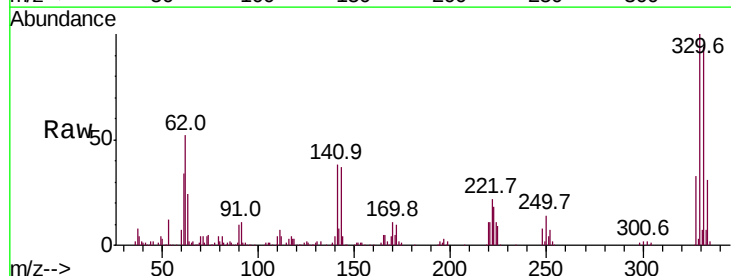


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

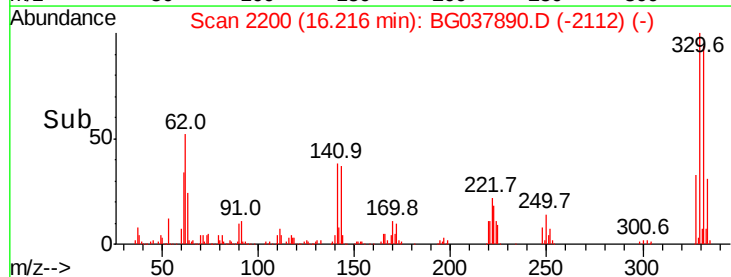
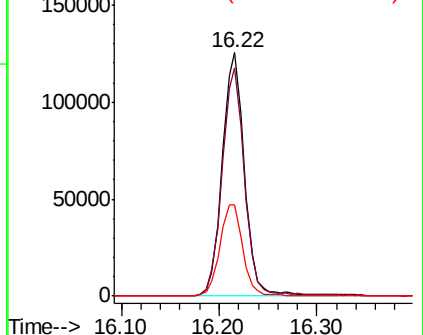


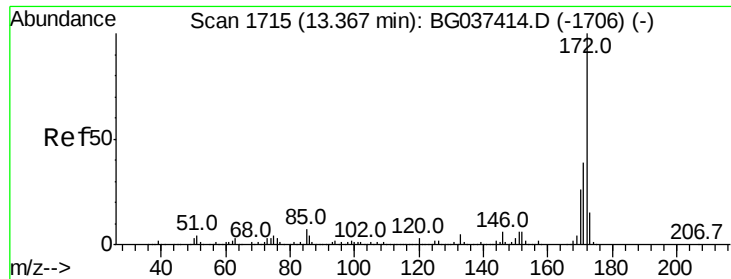
#42
2,4,6-Tribromophenol
Concen: 111.615 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

Tgt Ion:330 Resp: 198376
Ion Ratio Lower Upper
330 100
332 95.0 78.4 117.6
141 39.1 32.2 48.2



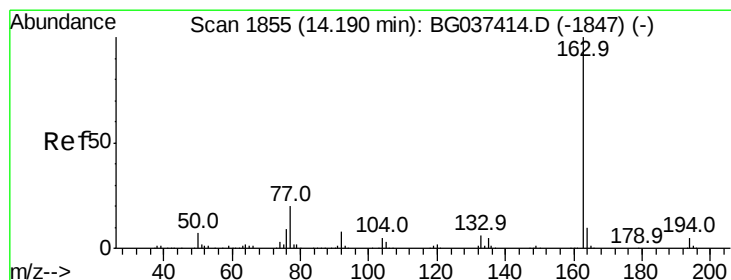
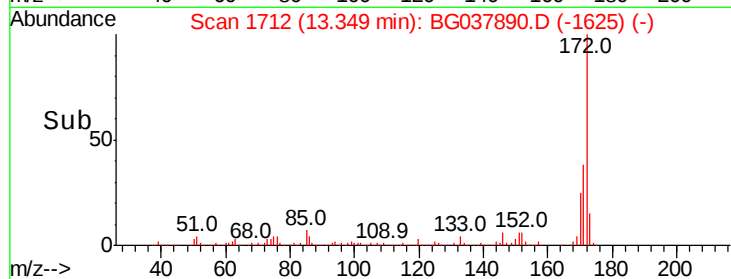
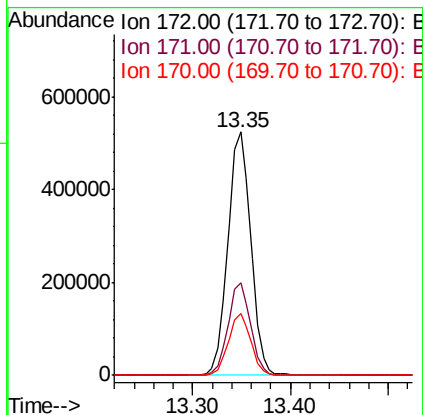
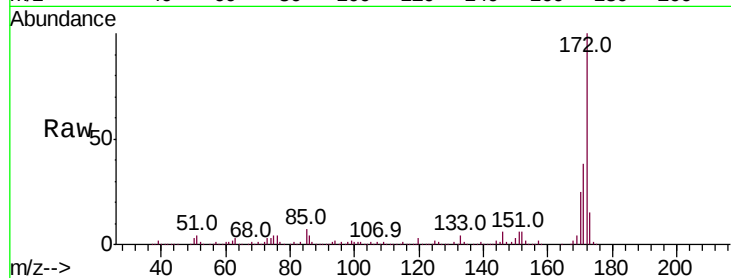
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





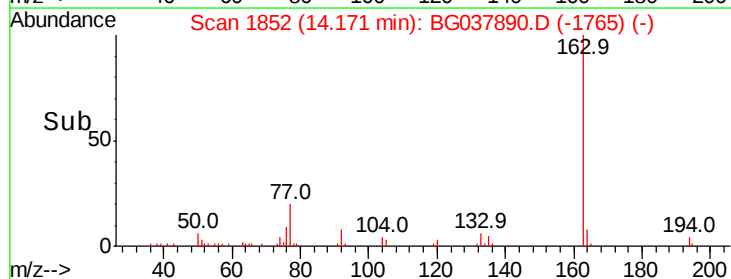
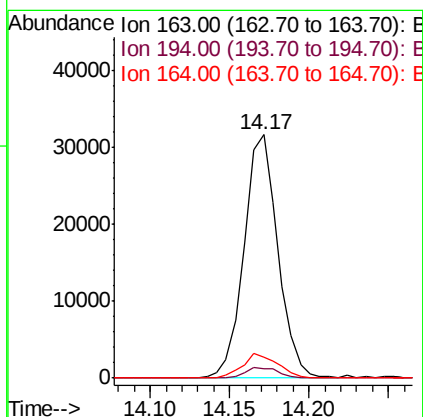
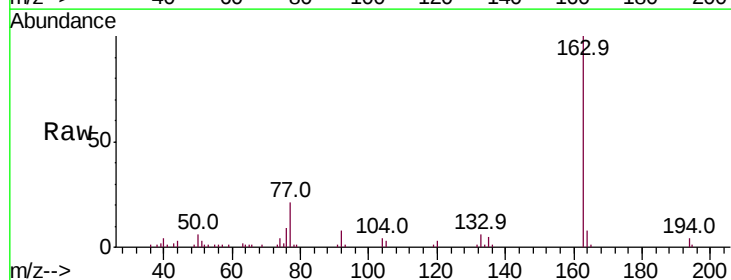
#45
2-Fluorobiphenyl
Concen: 79.331 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

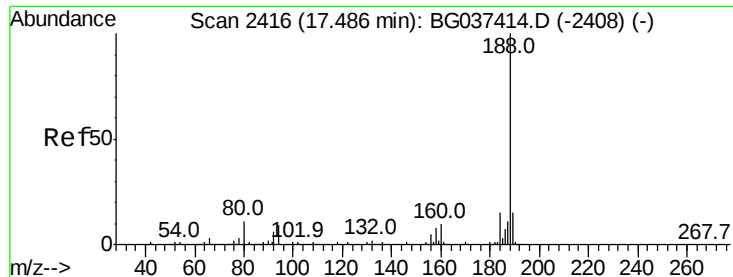
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.4	20.2	30.2



#50
Dimethylphthalate
Concen: 3.714 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	8.3	8.5	12.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037890.D

Acq: 8 Nov 2018 17:57

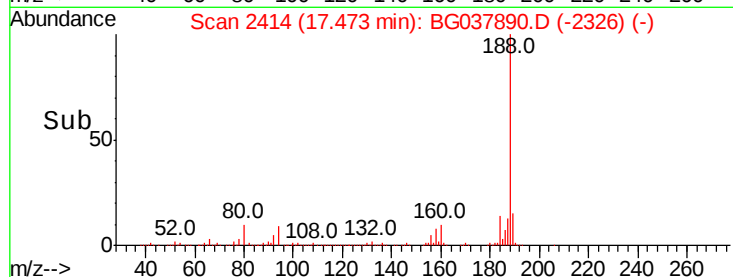
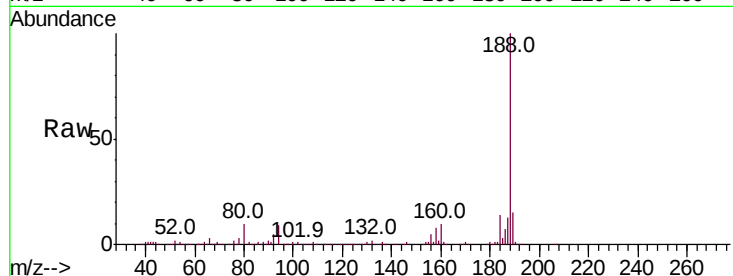
Tot Ion:188 Resp: 346669

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 9.9 7.7 11.5

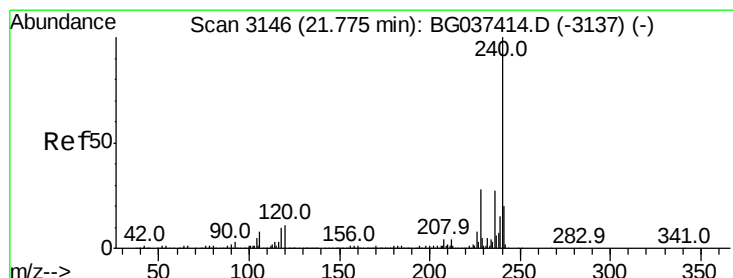
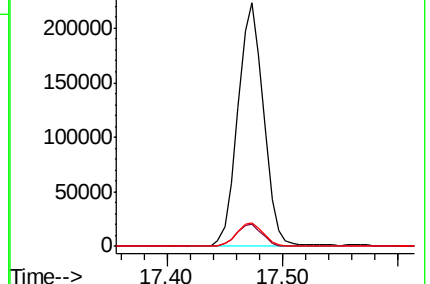


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

17.47



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037890.D

Acq: 8 Nov 2018 17:57

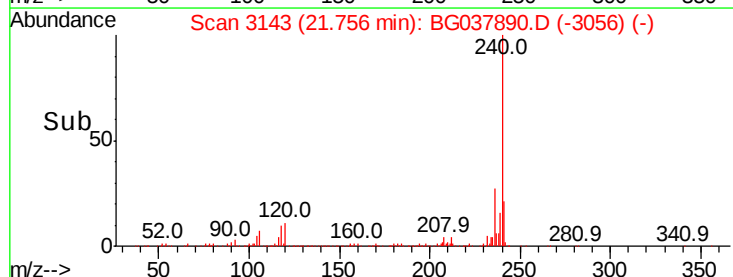
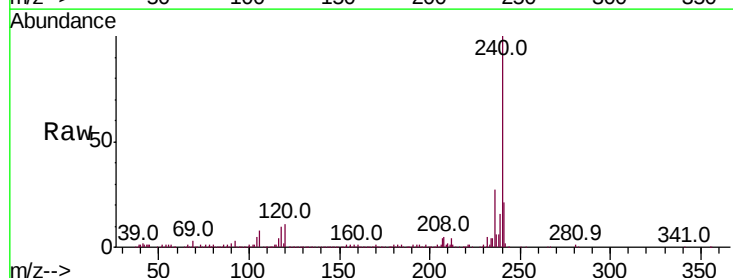
Tgt Ion:240 Resp: 301807

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

236 26.9 21.4 32.0

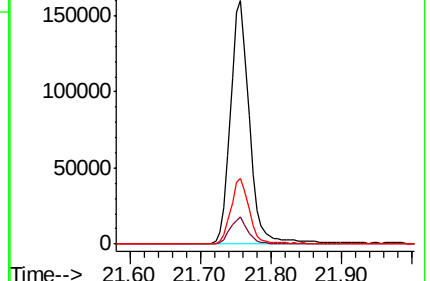


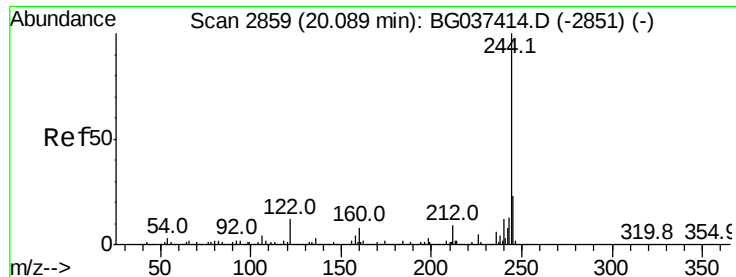
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

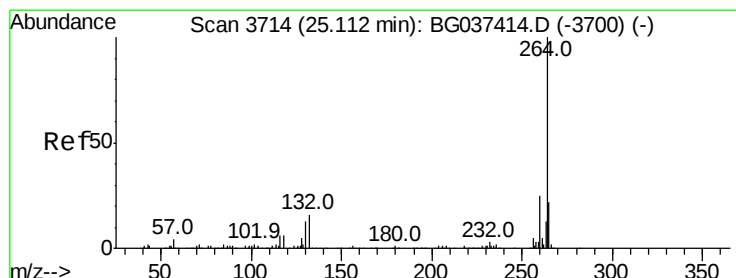
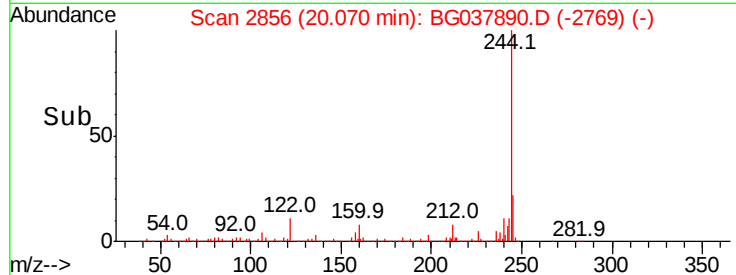
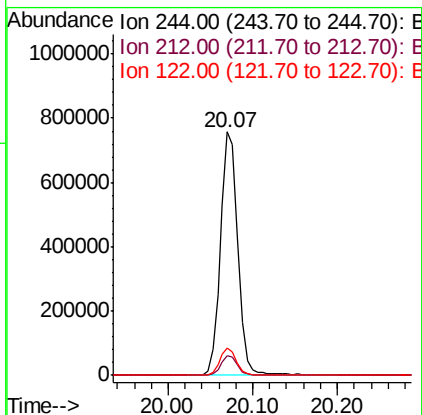
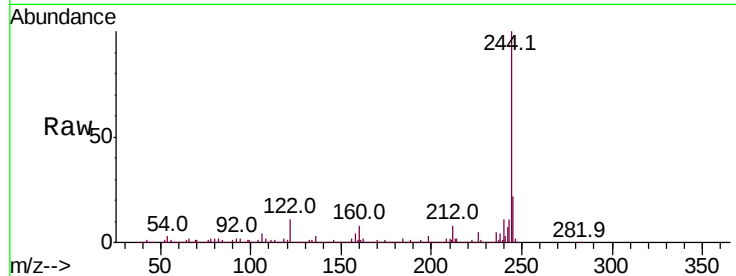
21.76





#79
 Terphenyl-d14
 Concen: 76.720 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BG037890.D
 Acq: 8 Nov 2018 17:57

Tot Ion:244	Resp: 1083627		
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.5	9.7
122	11.1	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3709
 Delta R.T. -0.03 min
 Lab File: BG037890.D
 Acq: 8 Nov 2018 17:57

Tgt	Ion:264	Resp:	294018
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.0	17.9	26.9

