

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110818\
 Data File : BG037886.D
 Acq On : 8 Nov 2018 15:22
 Operator : JU/SJ
 Sample : J5858-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

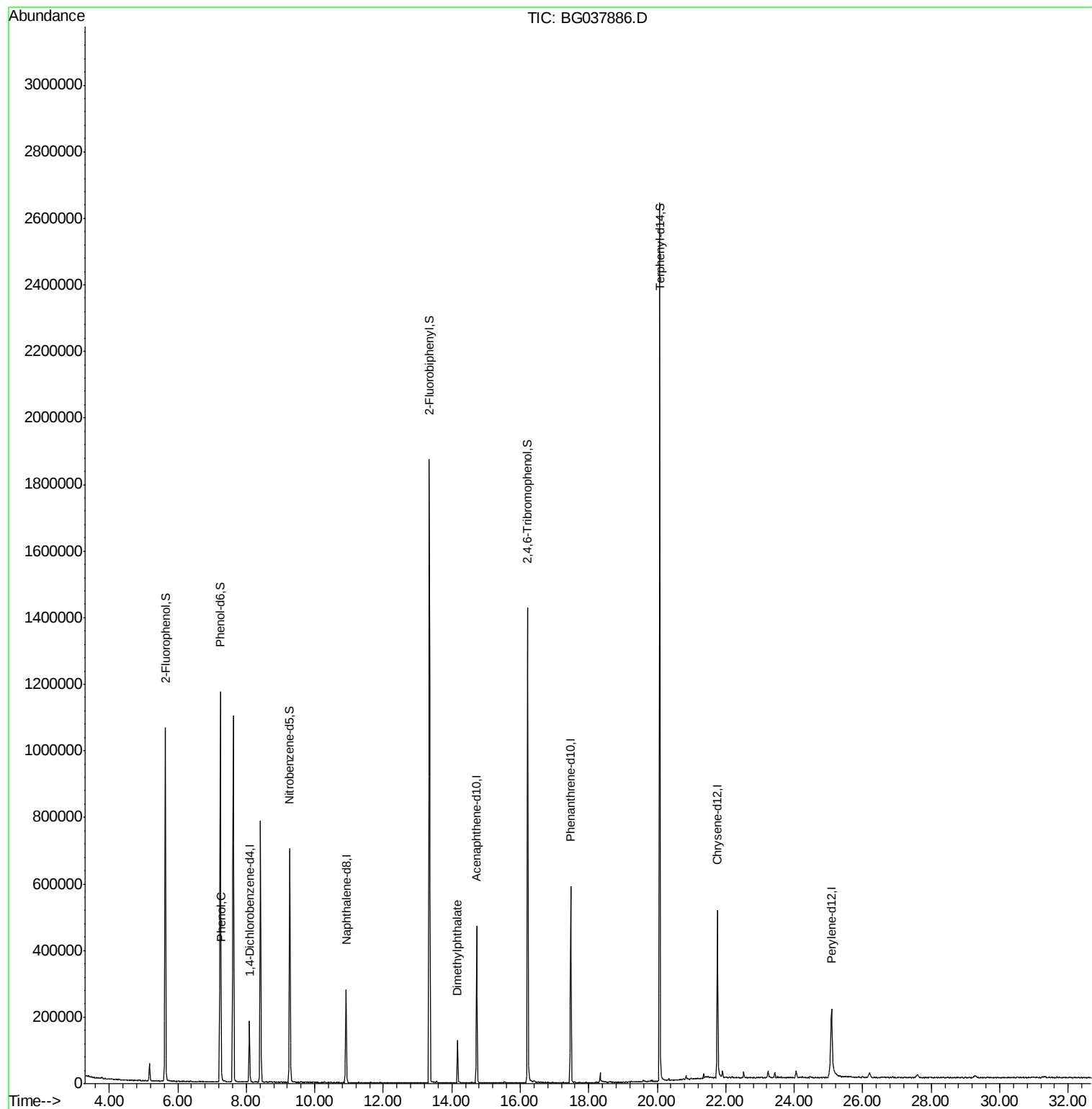
Quant Time: Nov 09 14:44:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57217	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	255373	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	169924	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	381553	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	343647	20.00	ng	-0.02
87) Perylene-d12	25.09	264	311826	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	506273	147.93	ng	0.00
7) Phenol-d6	7.24	99	750424	145.01	ng	0.00
23) Nitrobenzene-d5	9.27	82	452450	99.25	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	264857	142.91	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1028230	91.25	ng	-0.02
79) Terphenyl-d14	20.07	244	1313336	81.66	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.27	94	39470	7.229	ng	100
50) Dimethylphthalate	14.17	163	91375	6.951	ng	98

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

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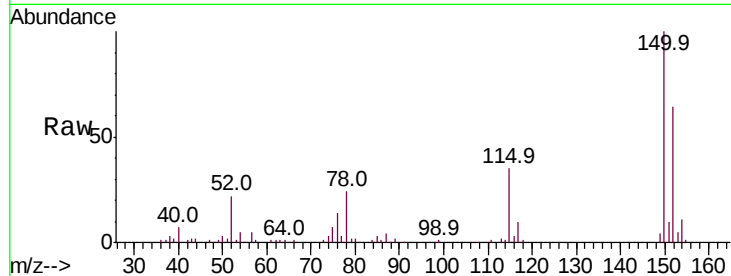




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.0	189.0
115	53.8	45.5	68.3

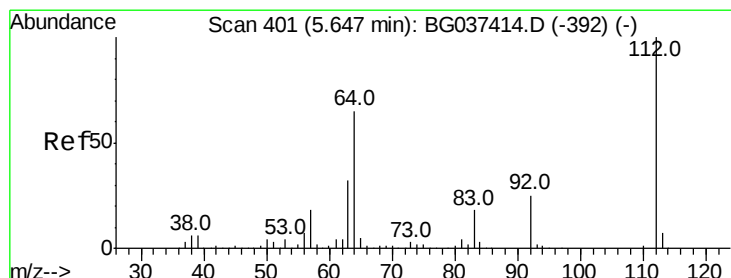
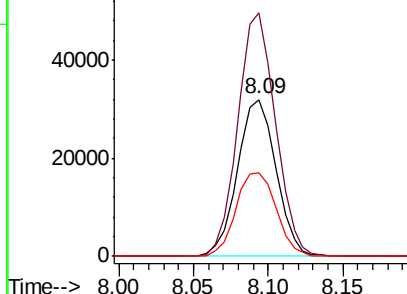
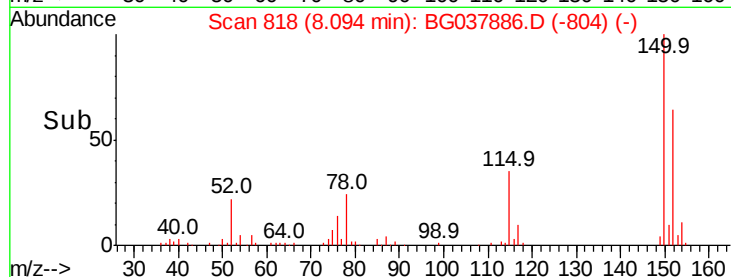


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

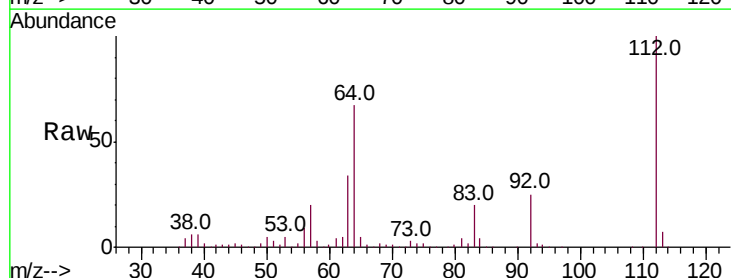
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.931 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.1	79.7
63	33.5	27.3	40.9

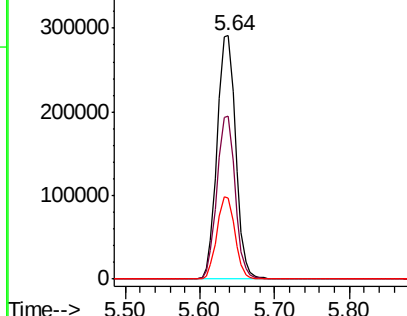
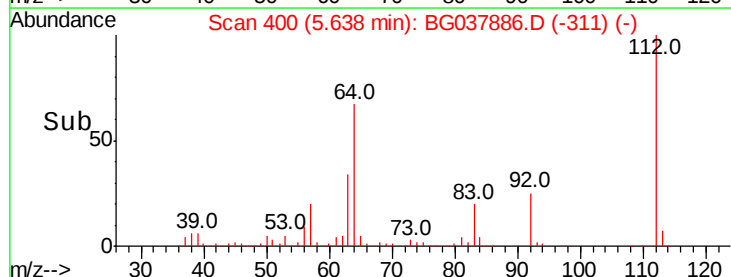


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 145.008 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037886.D

Acq: 8 Nov 2018 15:22

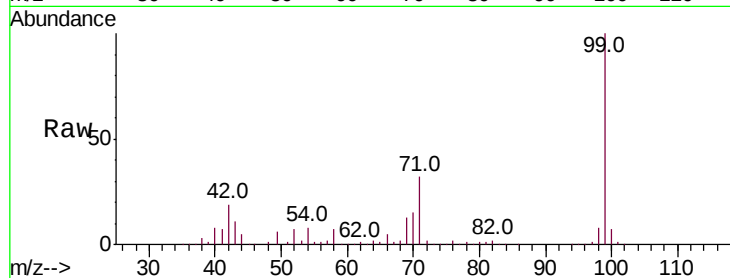
Tot Ion: 99 Resp: 750424

Ion Ratio Lower Upper

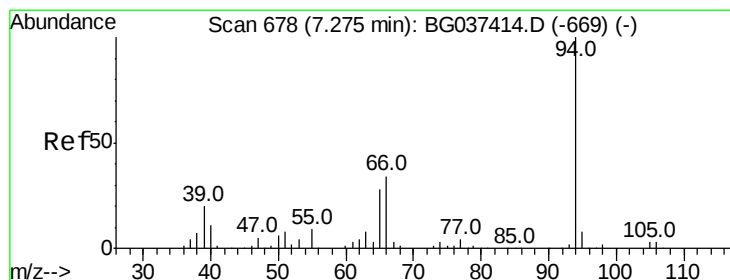
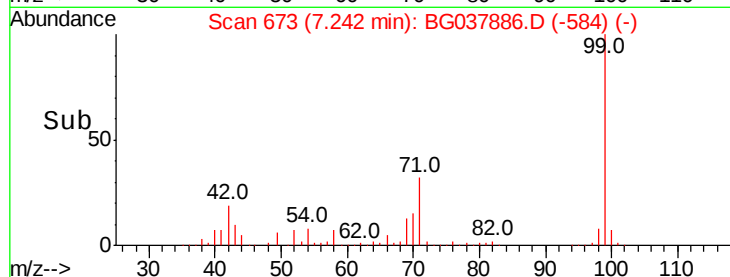
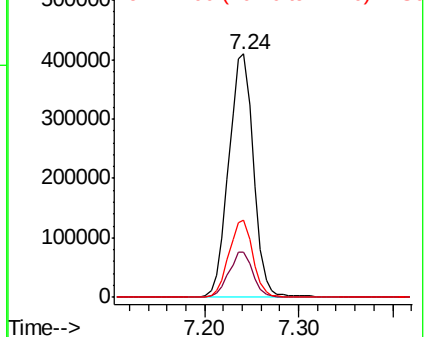
99 100

42 18.6 15.0 22.4

71 31.7 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: 7.229 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037886.D

Acq: 8 Nov 2018 15:22

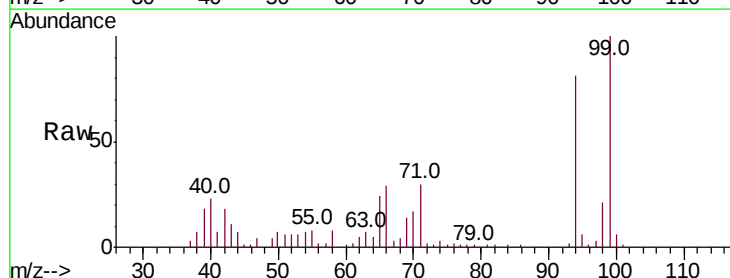
Tgt Ion: 94 Resp: 39470

Ion Ratio Lower Upper

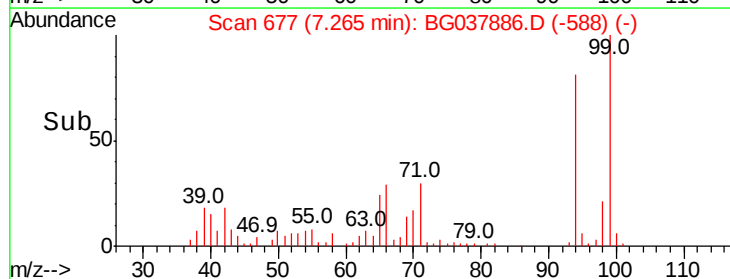
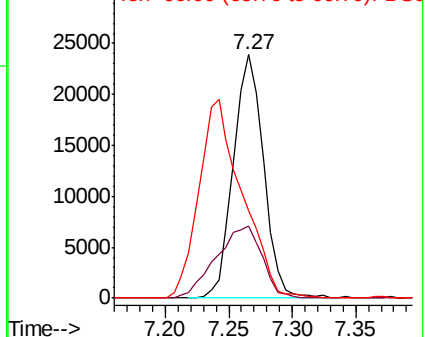
94 100

65 29.6 9.7 49.7

66 36.0 15.9 55.9



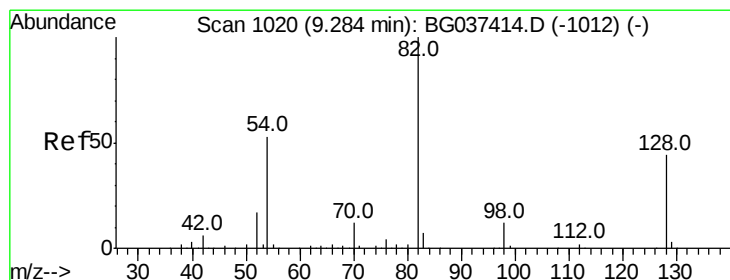
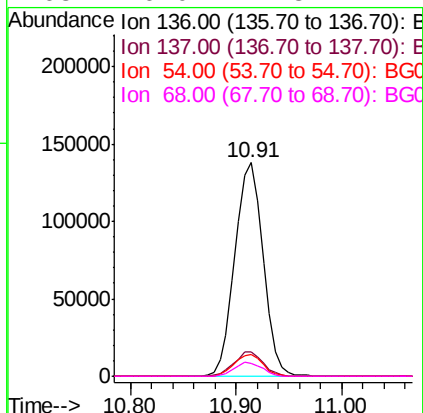
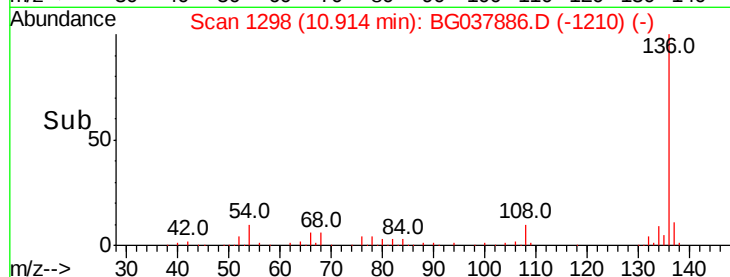
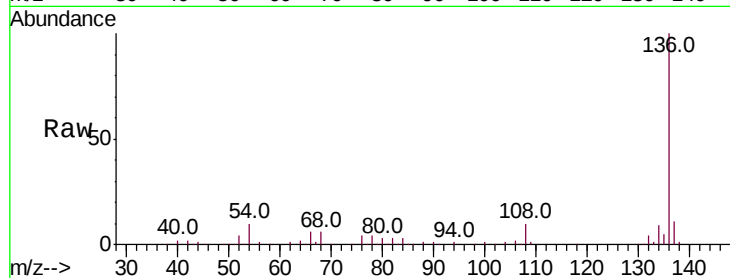
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





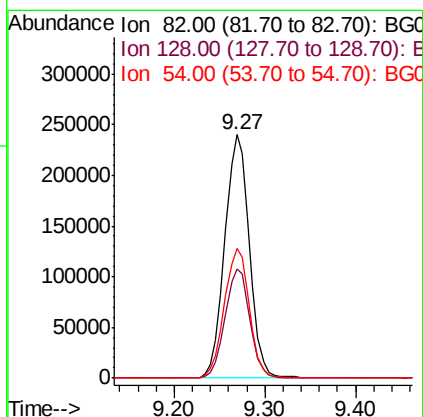
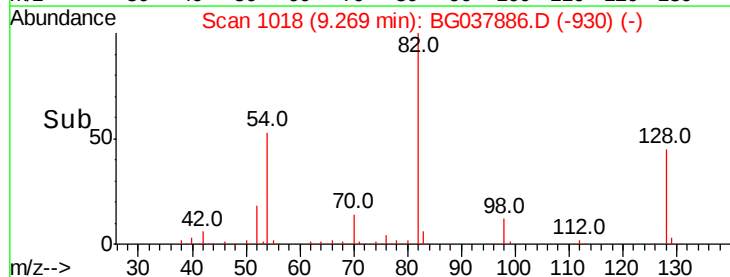
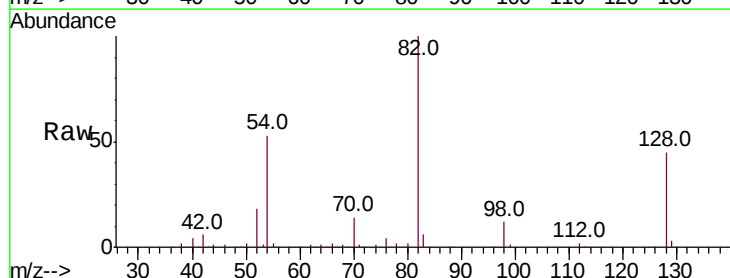
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

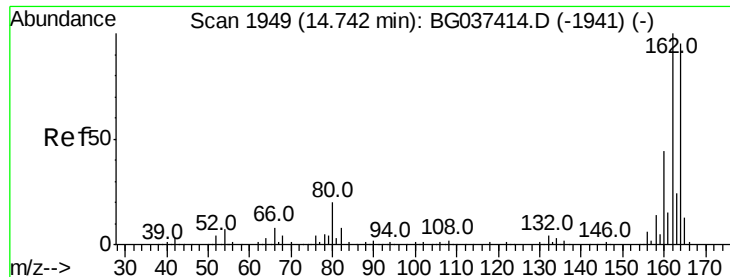
Tot Ion:136	Resp:	255373
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.6	14.4
54 10.2	7.9	11.9
68 6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 99.250 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

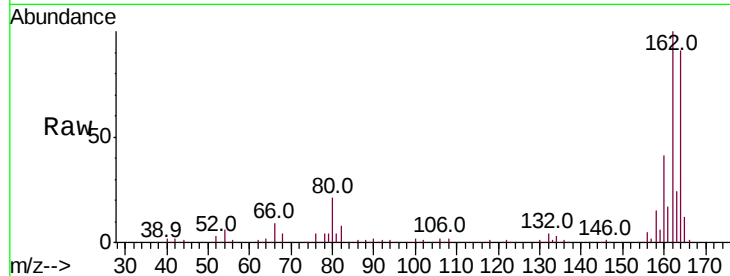
Tgt Ion: 82	Resp: 452450
Ion Ratio	Lower Upper
82 100	
128 45.0	34.6 51.8
54 53.5	45.3 67.9



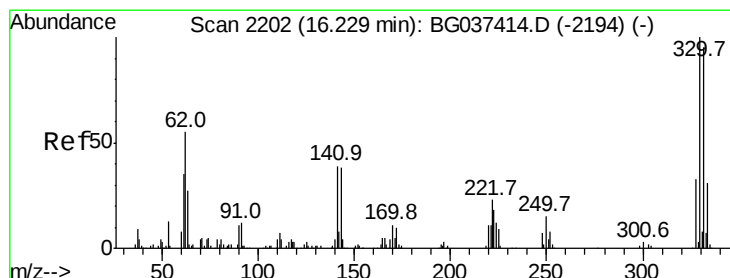
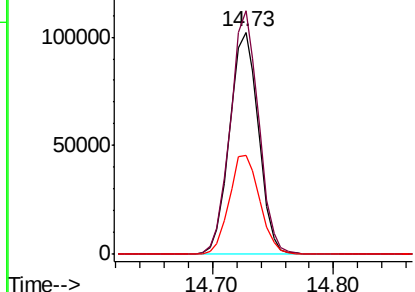
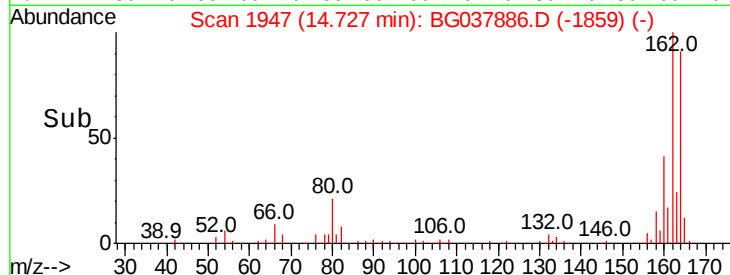


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

Tot Ion	Ratio	Lower	Upper
164	100		
162	109.7	81.3	121.9
160	44.8	36.3	54.5

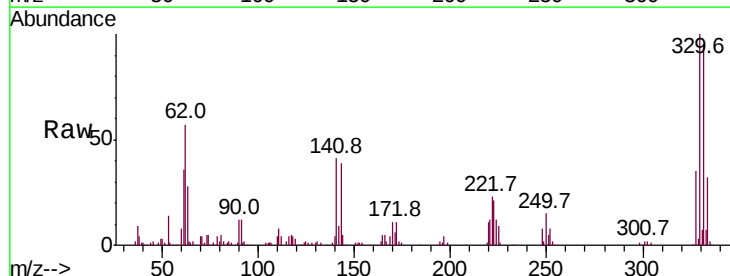


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

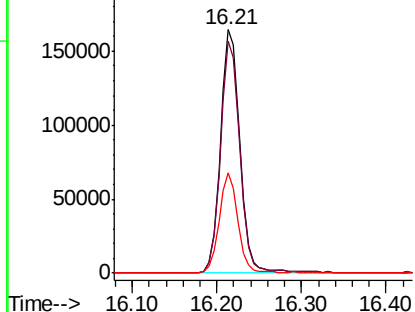
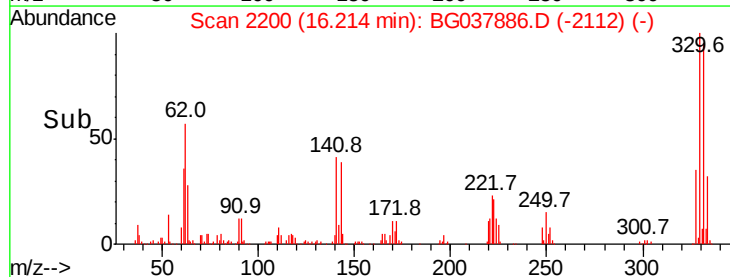


#42
2,4,6-Tribromophenol
Concen: 142.908 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.4	117.6
141	39.3	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

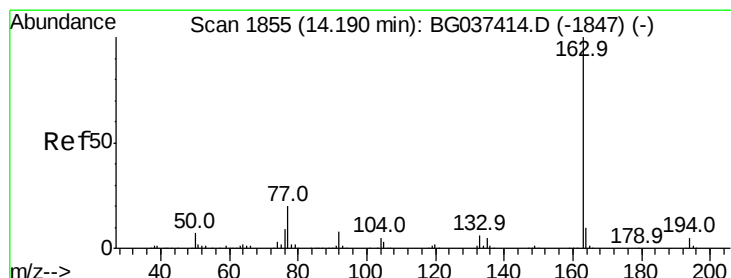
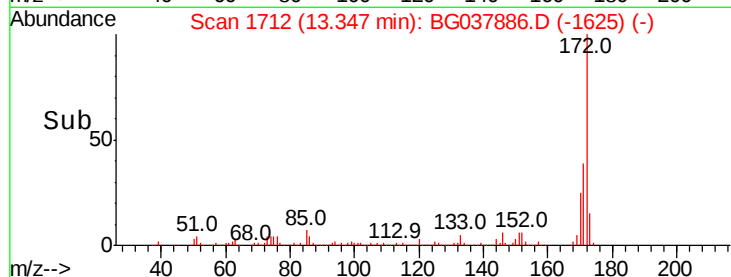
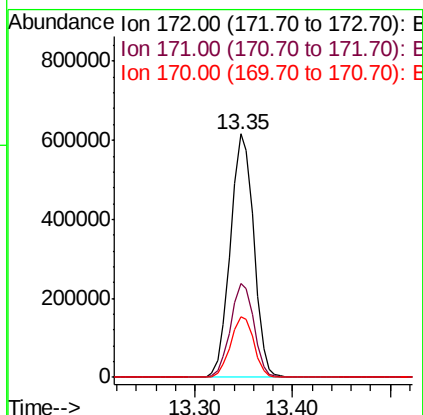
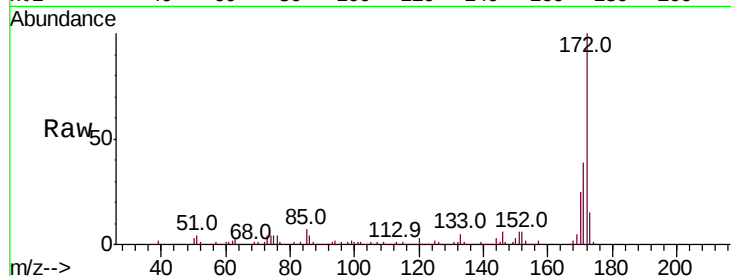




#45
2-Fluorobiphenyl
Concen: 91.247 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

Tot Ion:172 Resp: 1028230

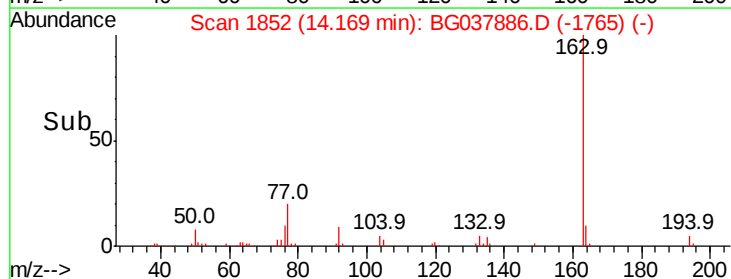
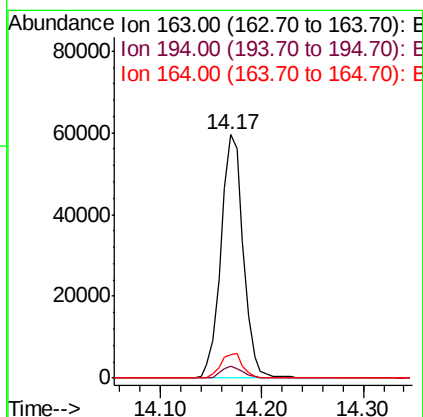
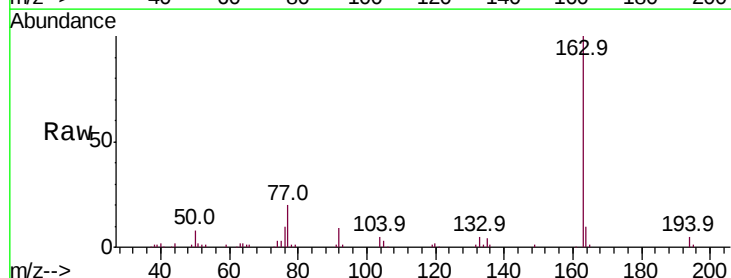
Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.1	20.2	30.2

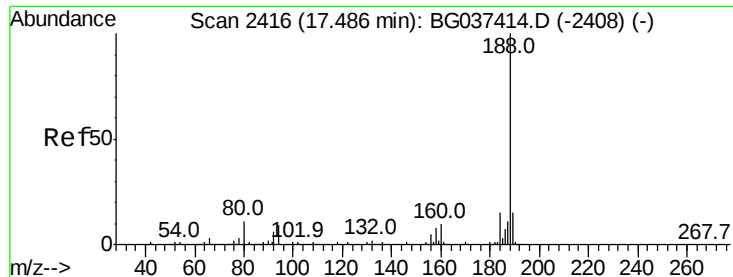


#50
Dimethylphthalate
Concen: 6.951 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

Tgt Ion:163 Resp: 91375

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	9.5	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG037886.D

Acq: 8 Nov 2018 15:22

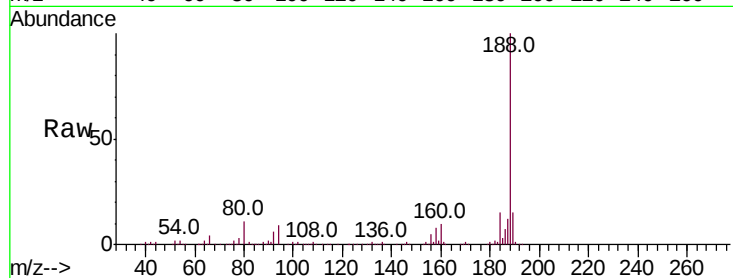
Tot Ion:188 Resp: 381553

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

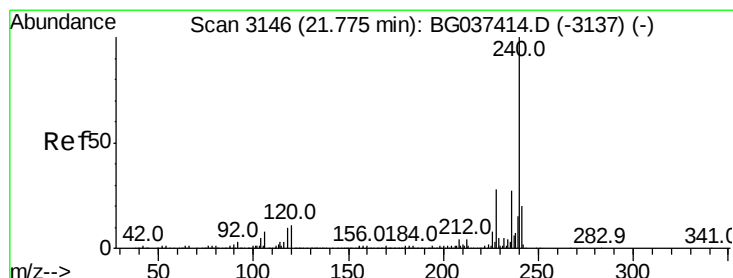
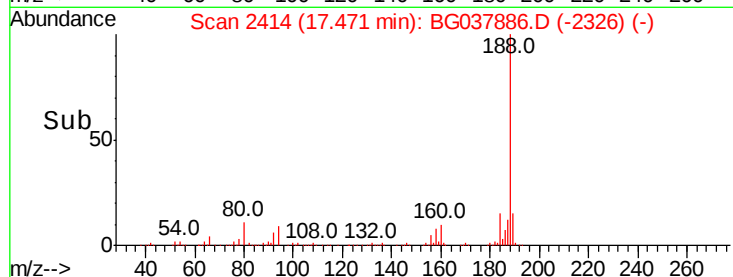
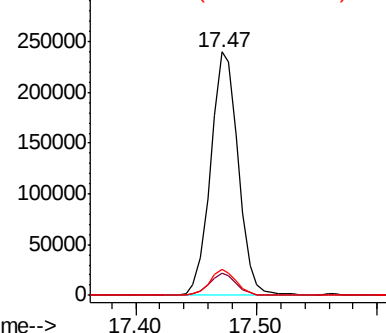
80 10.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037886.D

Acq: 8 Nov 2018 15:22

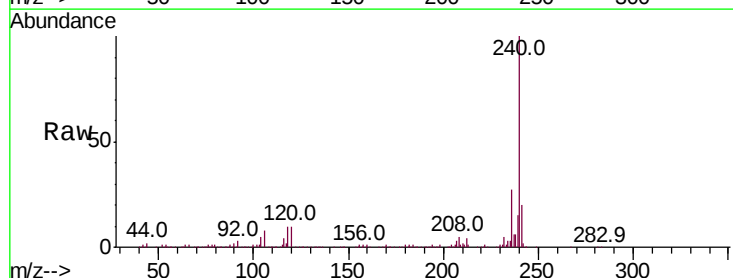
Tgt Ion:240 Resp: 343647

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

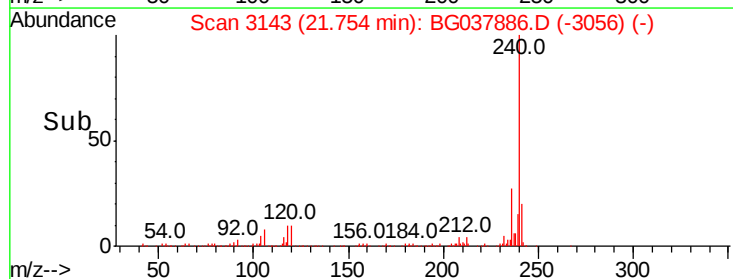
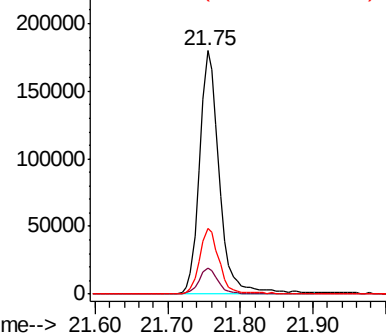
236 26.9 21.4 32.0

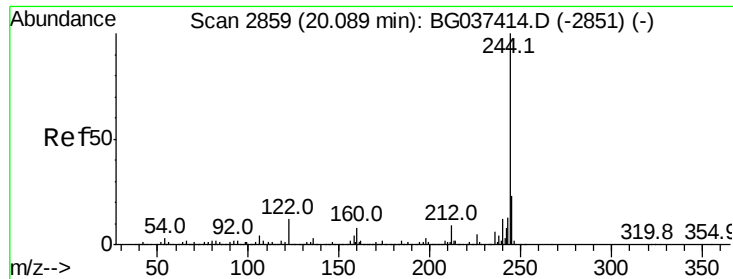


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

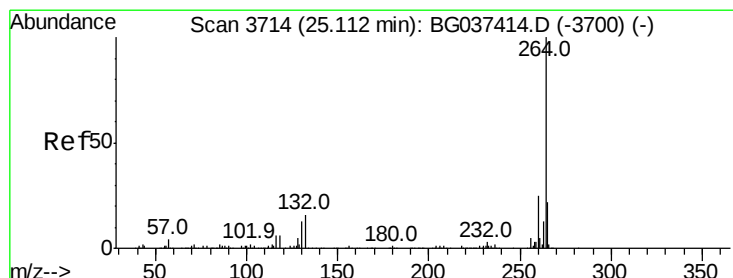
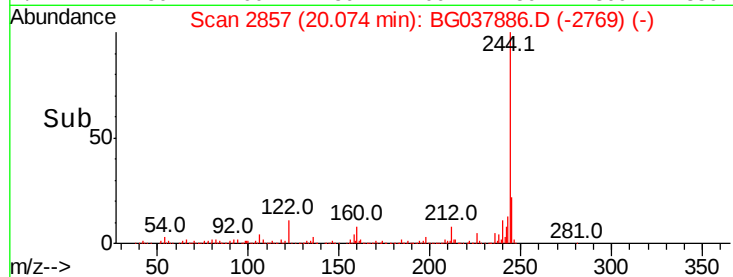
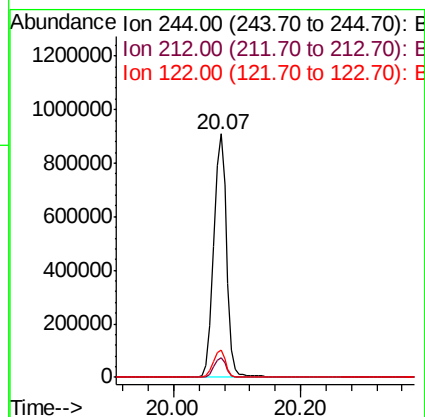
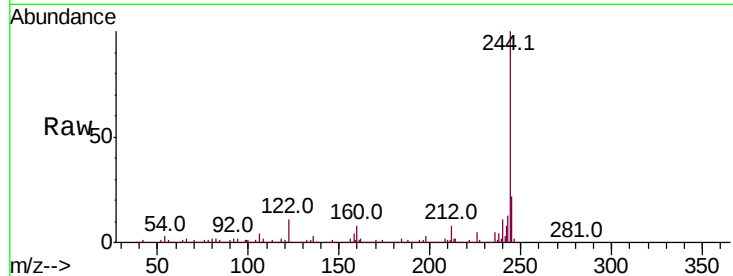




#79
 Terphenyl-d14
 Concen: 81.662 ng
 RT: 20.07 min Scan# 2857
 Delta R.T. -0.01 min
 Lab File: BG037886.D
 Acq: 8 Nov 2018 15:22

Tot Ion:244 Resp: 1313336

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.2	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3710
 Delta R.T. -0.03 min
 Lab File: BG037886.D
 Acq: 8 Nov 2018 15:22

Tgt Ion:264 Resp: 311826

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	21.6	17.9	26.9

