

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035962.D
 Acq On : 28 Jul 2018 7:43
 Operator : JU/SJ
 Sample : J4189-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

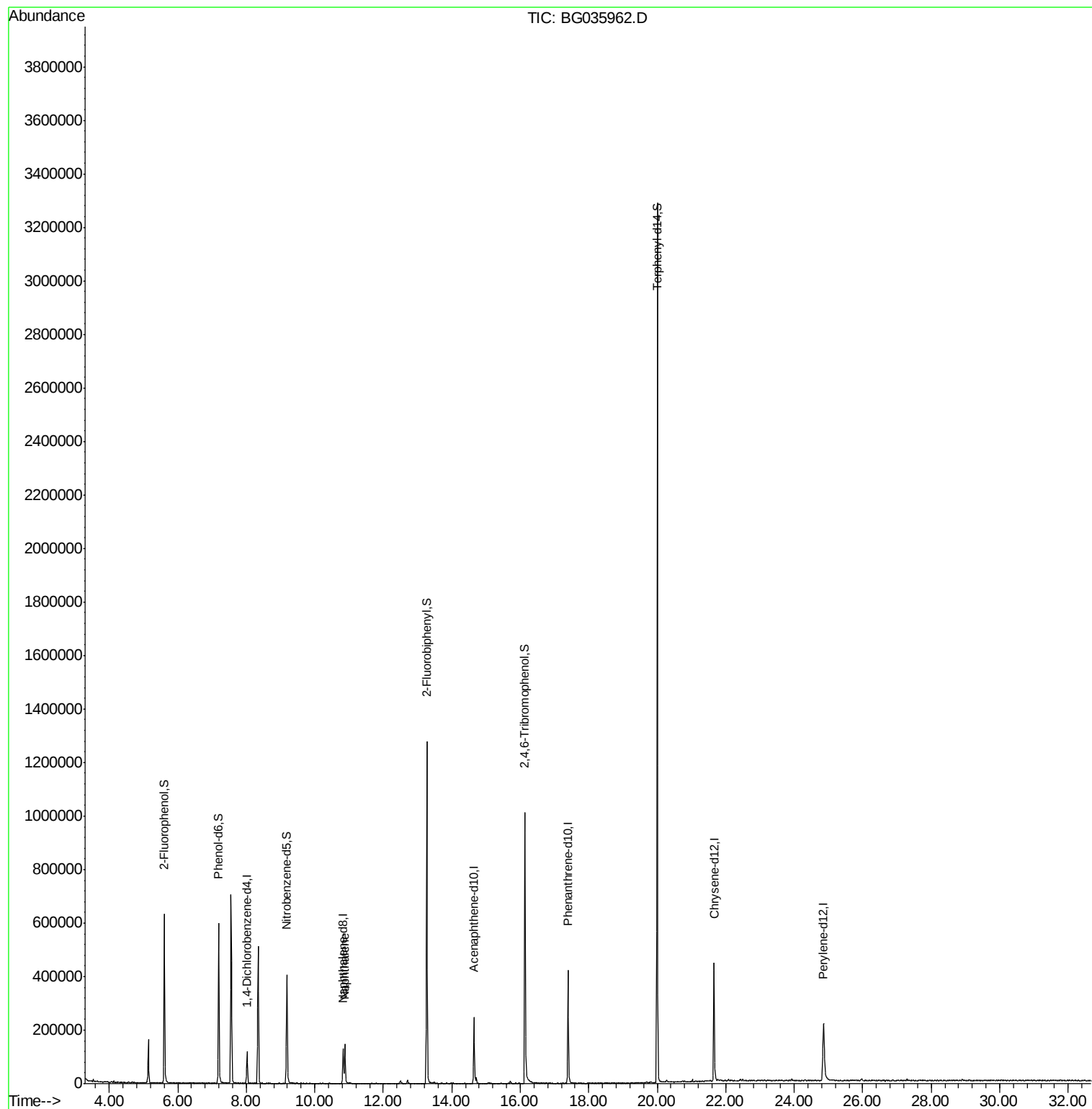
Quant Time: Jul 30 00:51:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31782	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	121571	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	95593	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	294629	20.00	ng	0.00
75) Chrysene-d12	21.66	240	322352	20.00	ng	0.00
86) Perylene-d12	24.86	264	288008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	277460	144.94	ng	0.00
7) Phenol-d6	7.19	99	369567	129.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	292296	100.44	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	202830	160.98	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	723213	101.36	ng	0.00
78) Terphenyl-d14	20.00	244	1549479	105.96	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.88	128	129593	20.464	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG035962.D

Acq: 28 Jul 2018 7:43

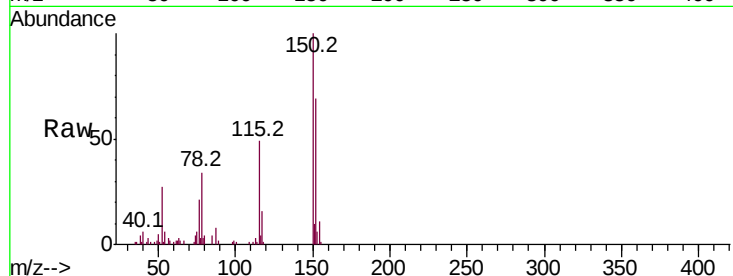
Tot Ion:152 Resp: 31782

Ion Ratio Lower Upper

152 100

150 144.3 126.6 189.8

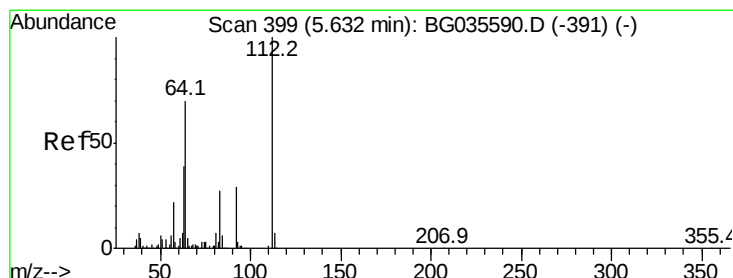
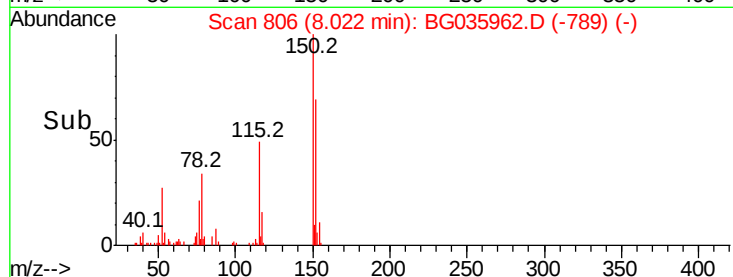
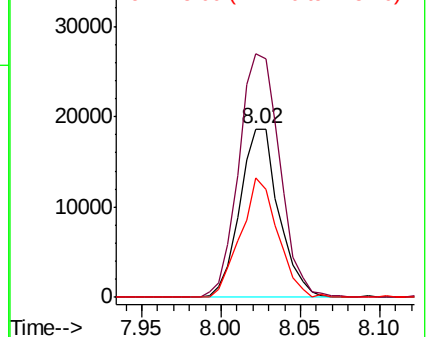
115 71.0 53.0 79.4



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: 144.940 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035962.D

Acq: 28 Jul 2018 7:43

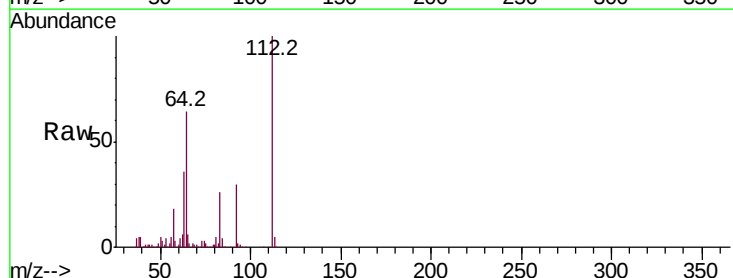
Tgt Ion:112 Resp: 277460

Ion Ratio Lower Upper

112 100

64 63.6 56.3 84.5

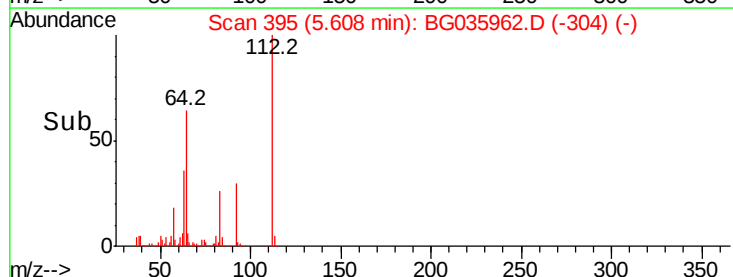
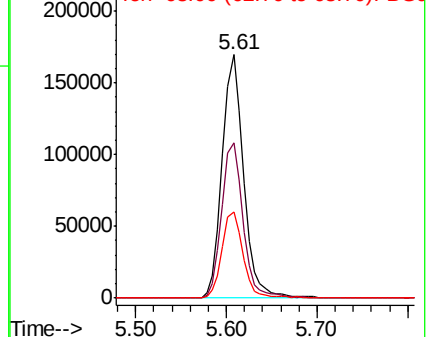
63 35.5 30.1 45.1

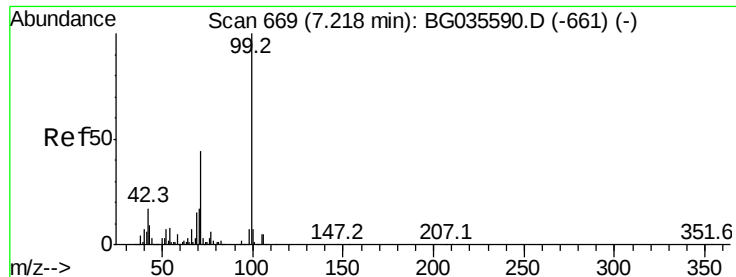


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 129.395 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035962.D

Acq: 28 Jul 2018 7:43

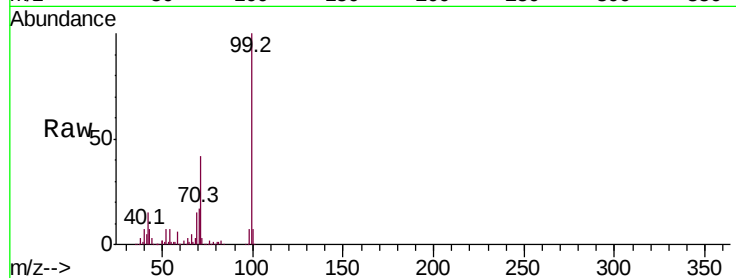
Tot Ion: 99 Resp: 369567

Ion Ratio Lower Upper

99 100

42 15.5 14.1 21.1

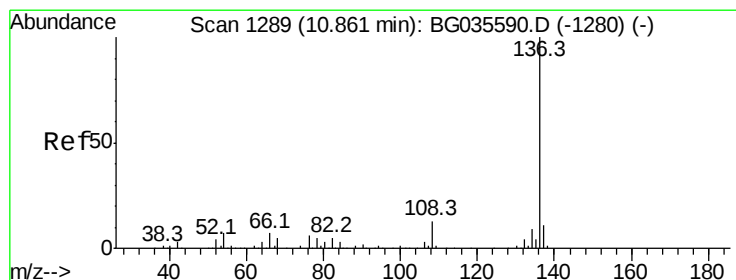
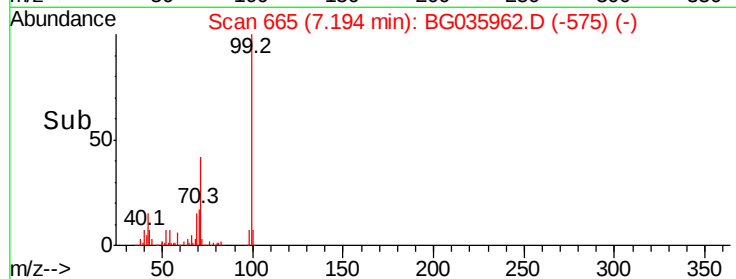
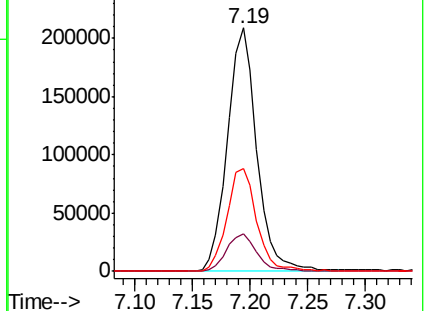
71 42.0 26.1 39.1#



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: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035962.D

Acq: 28 Jul 2018 7:43

Tgt Ion: 136 Resp: 121571

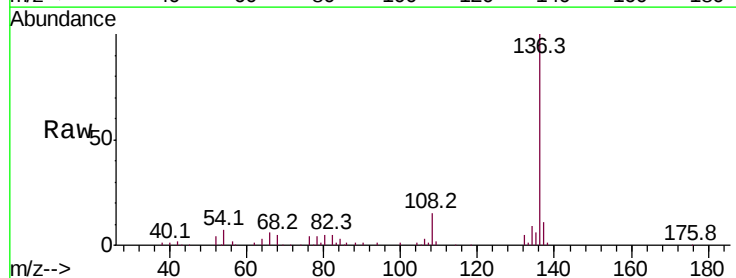
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 6.8 10.3 15.5#

68 4.9 4.5 6.7

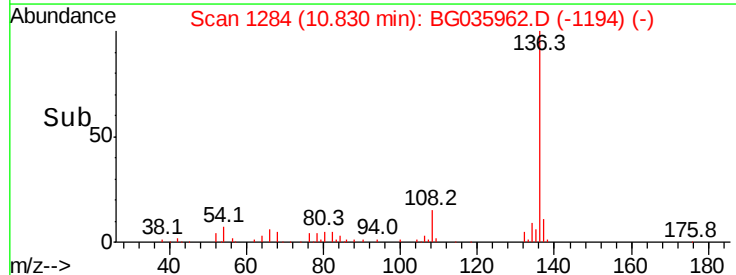
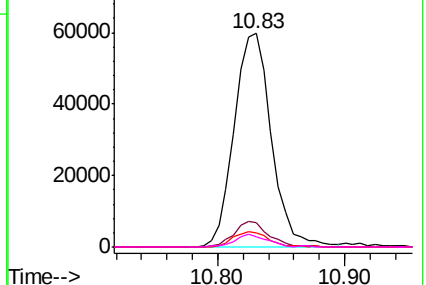


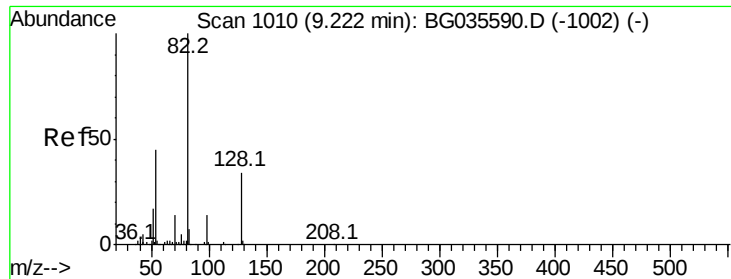
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

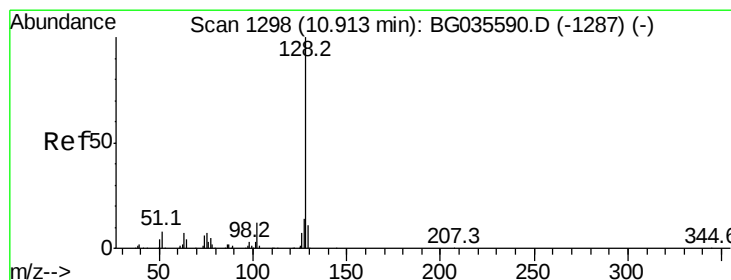
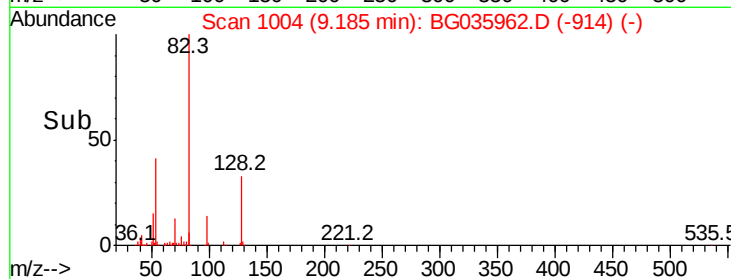
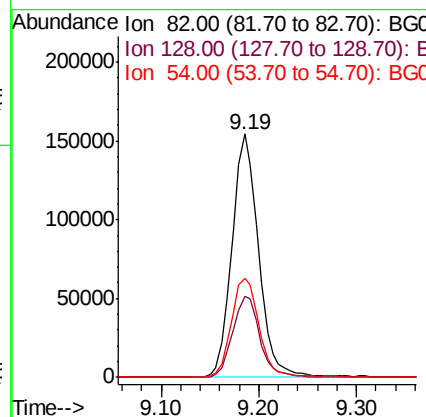
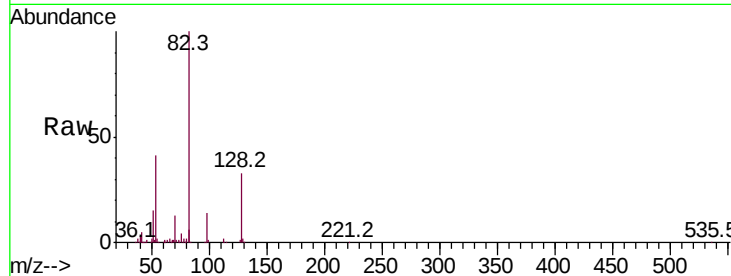
Ion 68.00 (67.70 to 68.70): BGC





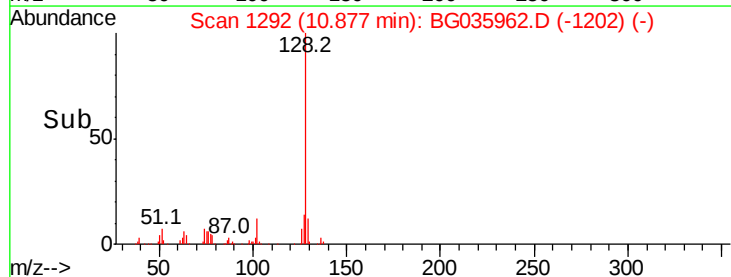
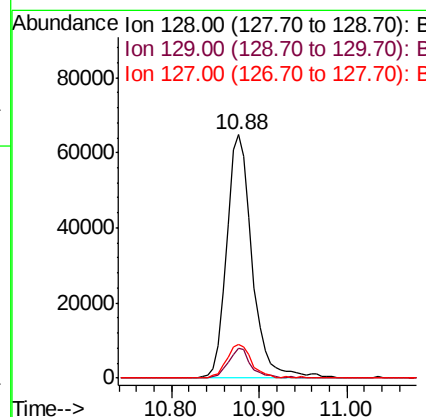
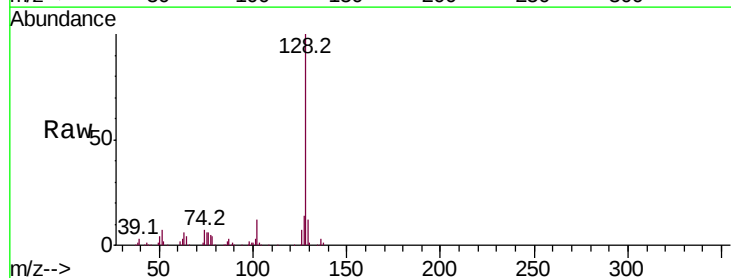
#23
 Nitrobenzene-d5
 Concen: 100.440 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

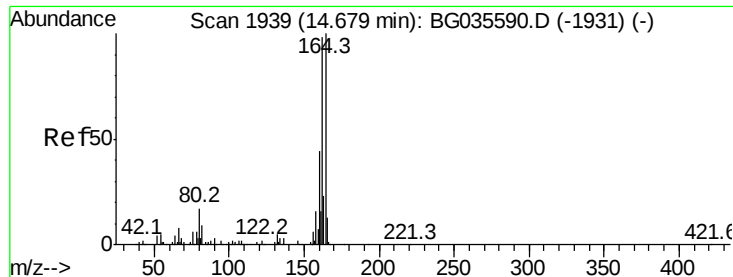
Tot Ion	82	Resp	292296
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
54	40.7	43.1	64.7#



#31
 Naphthalene
 Concen: 20.464 ng
 RT: 10.88 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

Tgt Ion	128	Resp	129593
Ion Ratio	100		
Lower	8.6		
Upper	12.8		
129	12.2	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

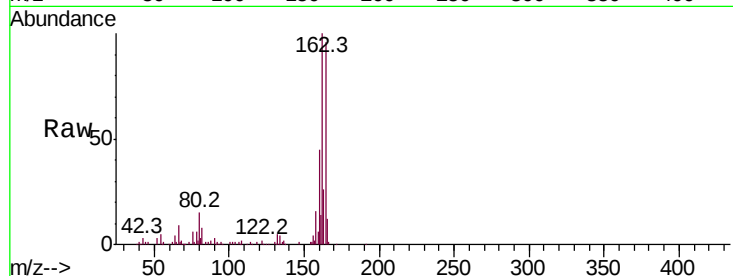
Delta R.T. -0.00 min

Lab File: BG035962.D

Acq: 28 Jul 2018 7:43

Tot Ion:164 Resp: 95593

Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	46.6	35.4	53.0

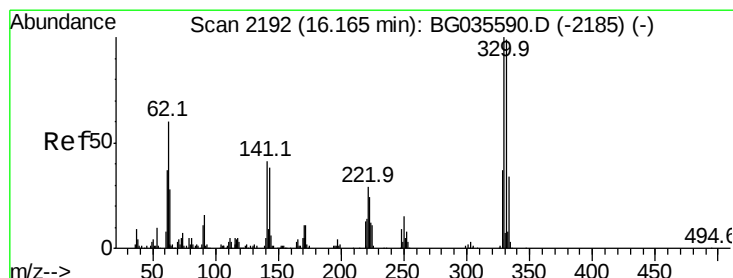
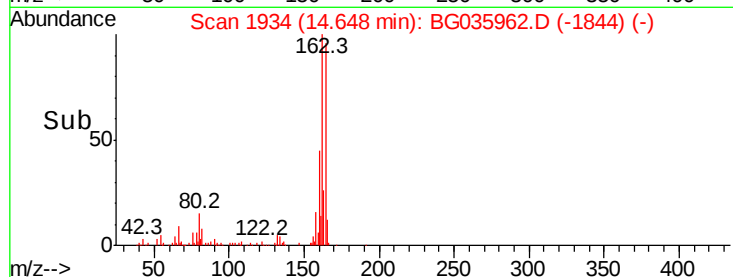
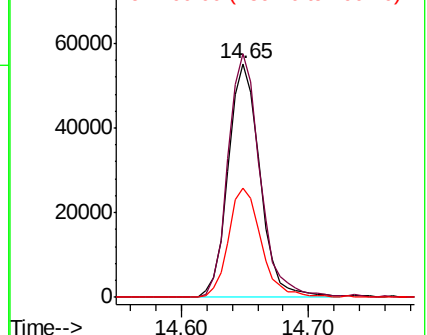


Abundance

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



#41

2,4,6-Tribromophenol

Concen: 160.979 ng

RT: 16.13 min Scan# 2187

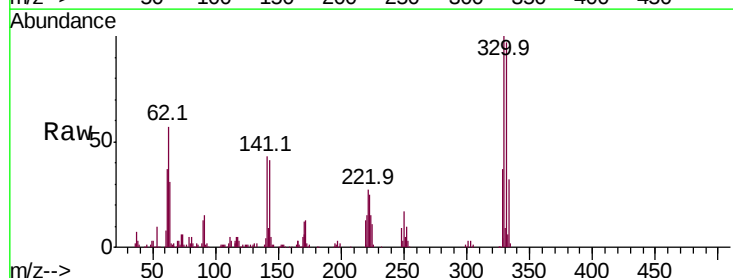
Delta R.T. -0.01 min

Lab File: BG035962.D

Acq: 28 Jul 2018 7:43

Tgt Ion:330 Resp: 202830

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	39.9	25.2	37.8#

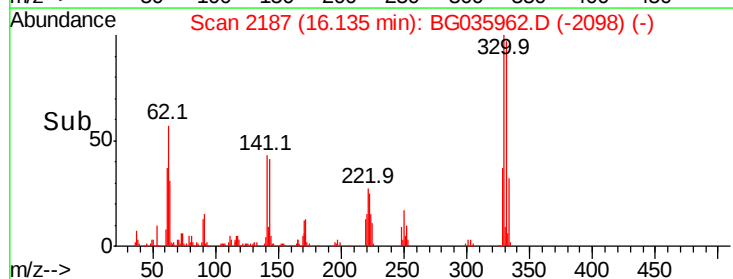
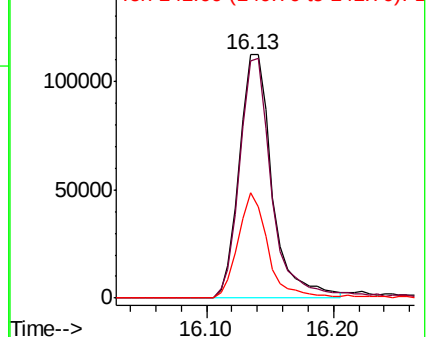


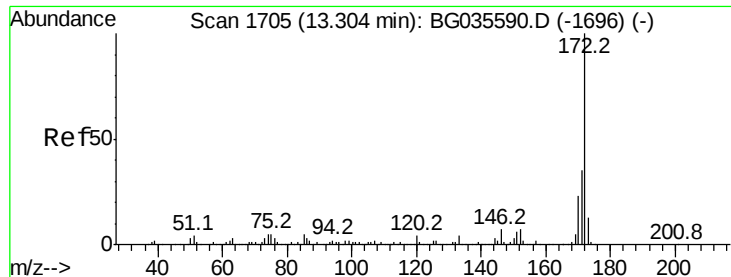
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

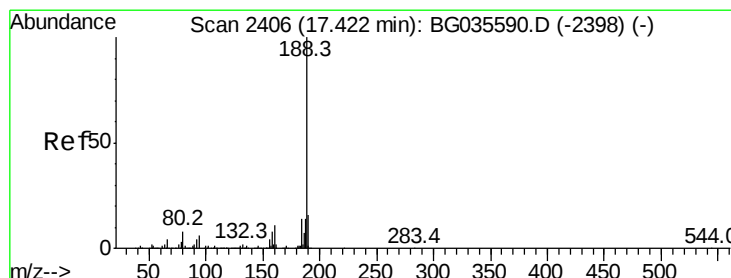
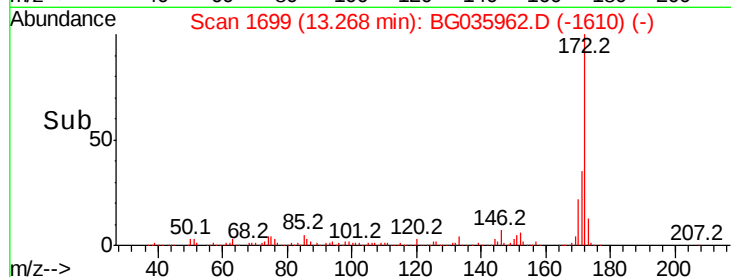
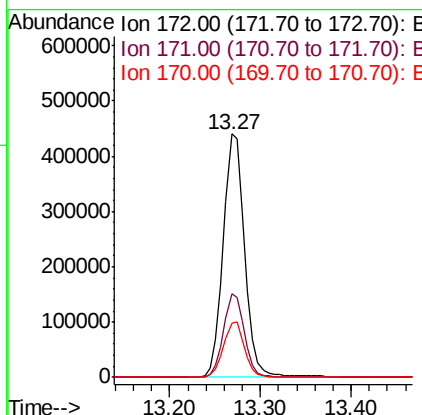
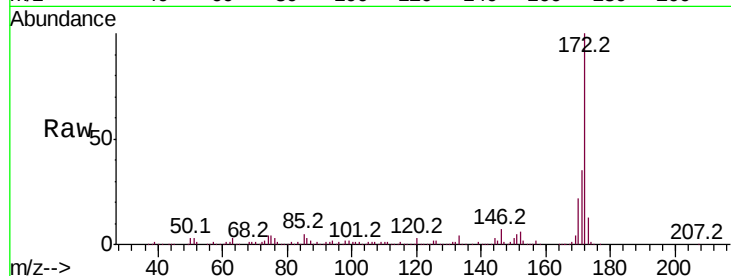
Ion 141.00 (140.70 to 141.70): E





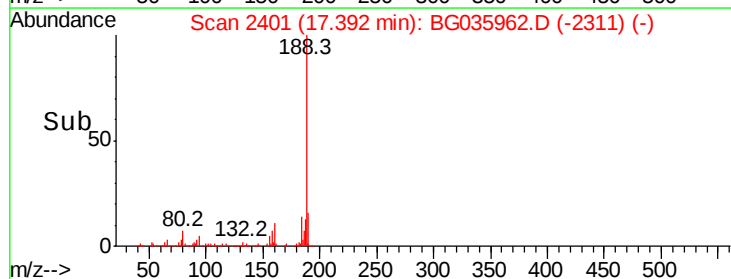
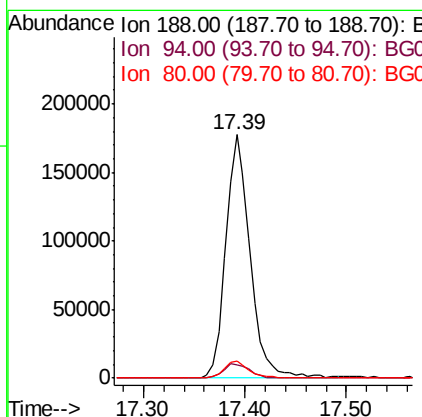
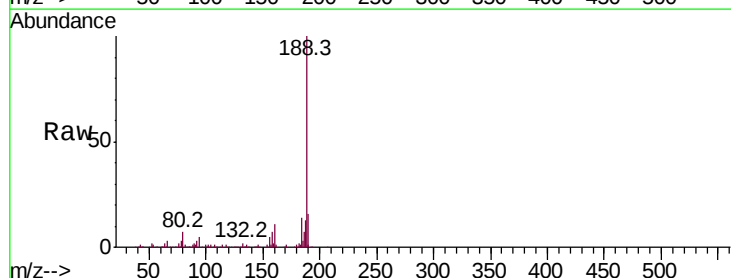
#44
 2-Fluorobiphenyl
 Concen: 101.359 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

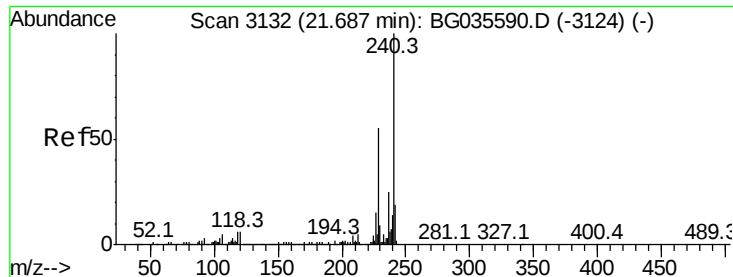
Tot Ion:	172	Resp:	723213
Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	22.0	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

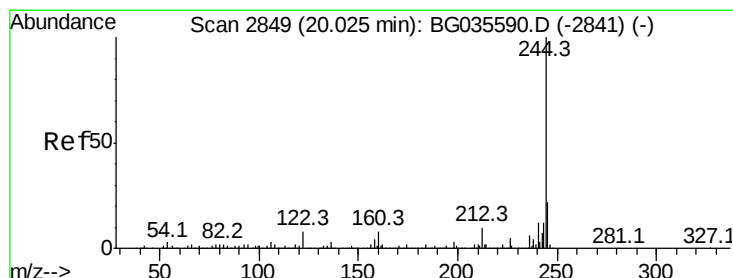
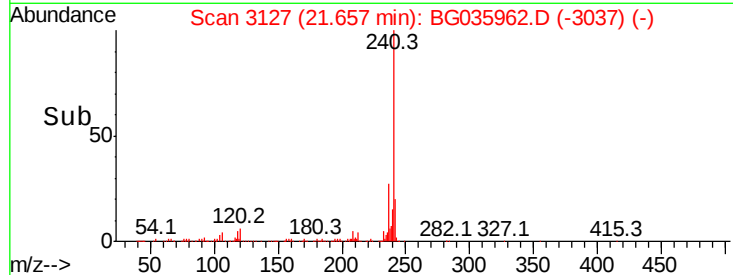
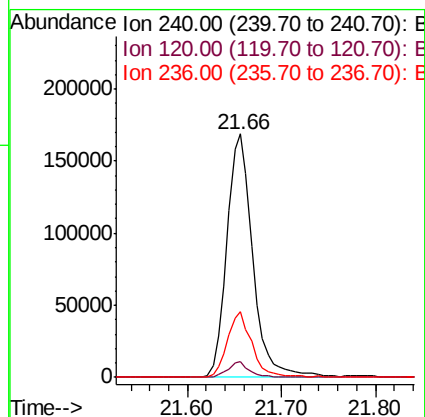
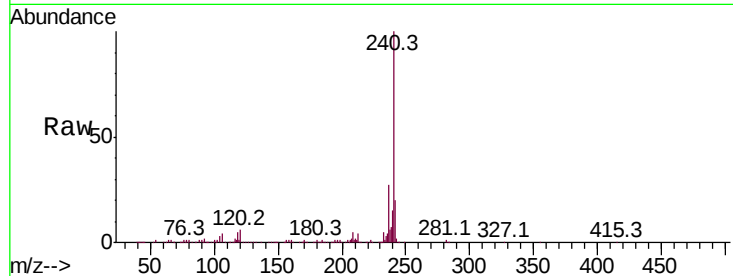
Tgt Ion:	188	Resp:	294629
Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	6.8	7.7	11.5#





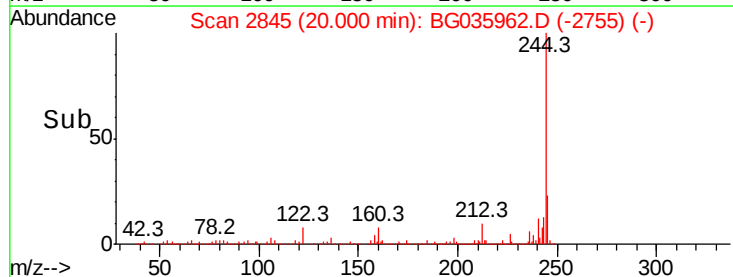
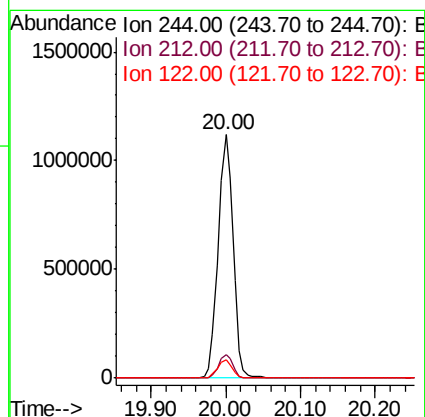
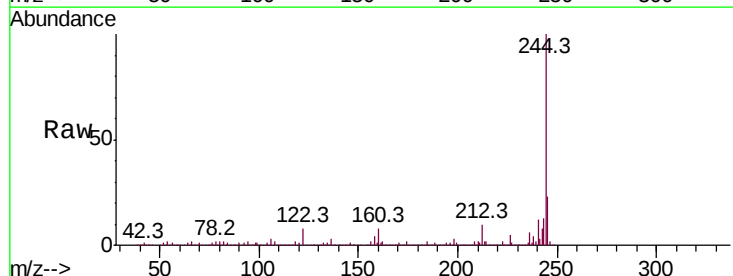
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

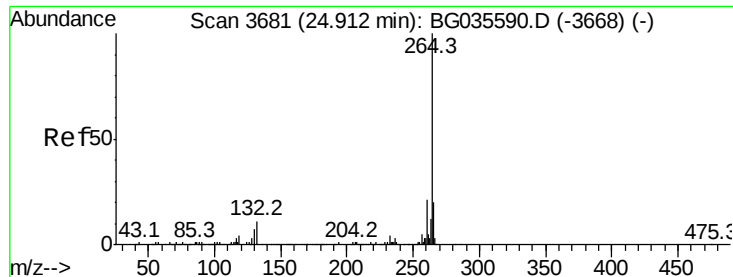
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	27.0	20.9	31.3



#78
 Terphenyl-d14
 Concen: 105.956 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035962.D
 Acq: 28 Jul 2018 7:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.6	7.0	10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG035962.D
Acq: 28 Jul 2018 7:43

Tot Ion:	264	Resp:	288008
Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	19.2	17.7	26.5

