

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035952.D
 Acq On : 28 Jul 2018 1:13
 Operator : JU/SJ
 Sample : PB111438BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 28 06:41:59 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

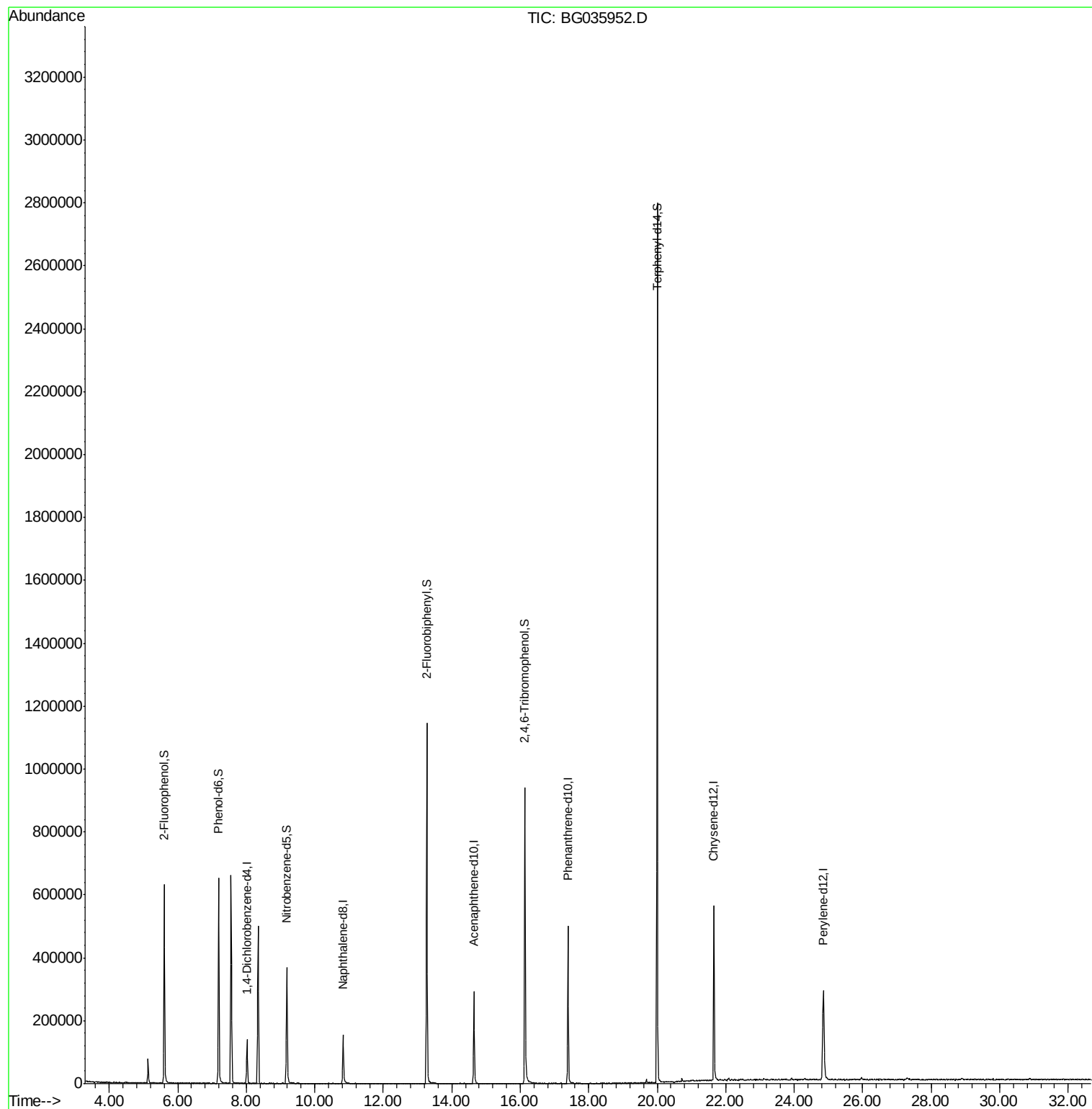
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38370	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	147380	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	115372	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	346435	20.00	ng	0.00
75) Chrysene-d12	21.65	240	371289	20.00	ng	0.00
86) Perylene-d12	24.85	264	347249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	284171	122.96	ng	0.00
7) Phenol-d6	7.19	99	410402	119.02	ng	0.00
23) Nitrobenzene-d5	9.19	82	261887	74.23	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	195701	128.69	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	662103	76.89	ng	0.00
78) Terphenyl-d14	20.00	244	1365957	81.10	ng	0.00

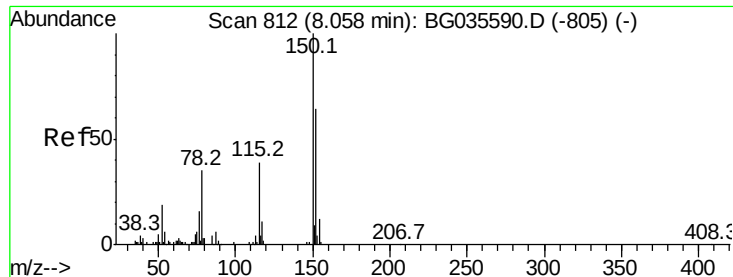
Target Compounds Qvalue

(#) = 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: BG035952.D

Acq: 28 Jul 2018 1:13

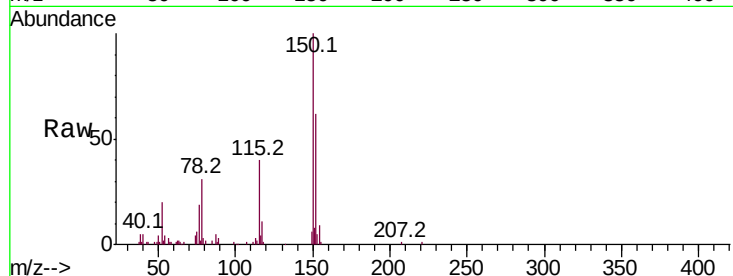
Tot Ion:152 Resp: 38370

Ion Ratio Lower Upper

152 100

150 162.0 126.6 189.8

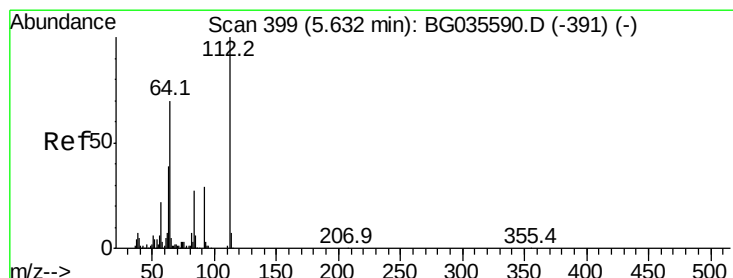
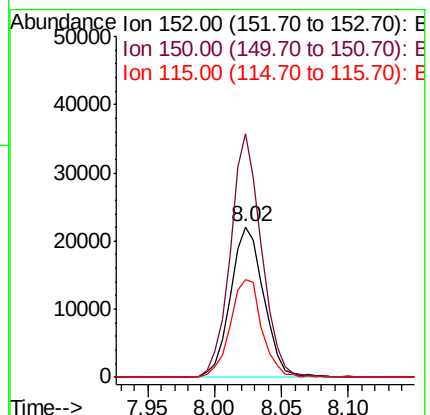
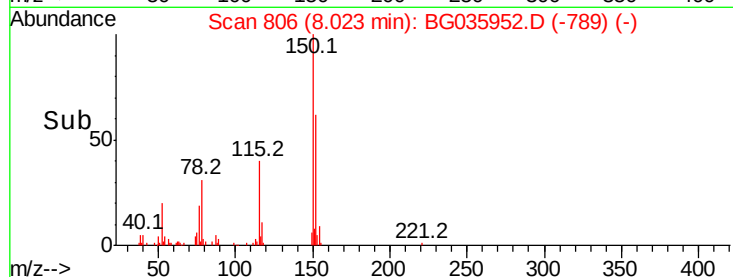
115 64.7 53.0 79.4



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: 122.958 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG035952.D

Acq: 28 Jul 2018 1:13

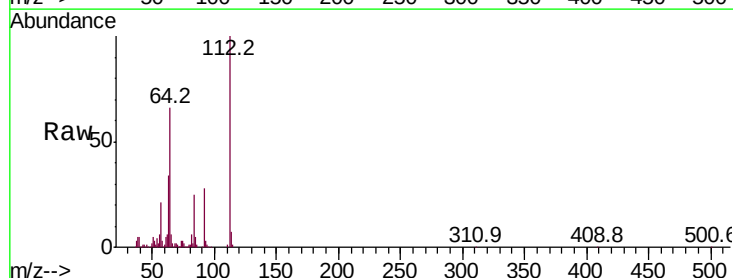
Tgt Ion:112 Resp: 284171

Ion Ratio Lower Upper

112 100

64 66.3 56.3 84.5

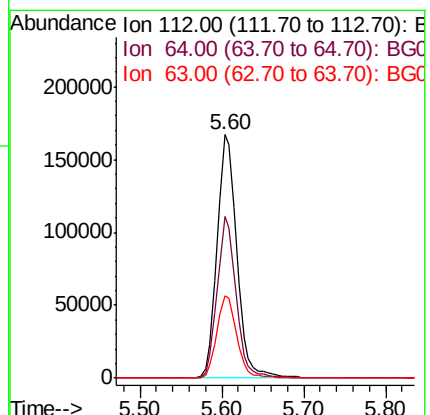
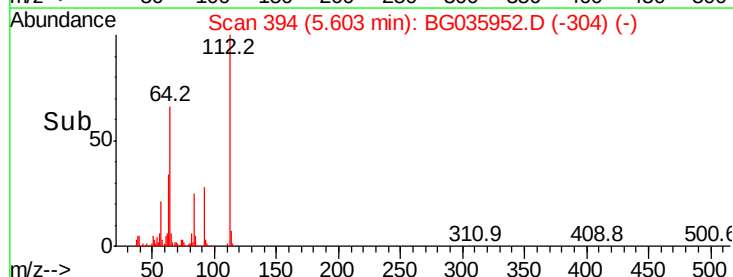
63 33.7 30.1 45.1

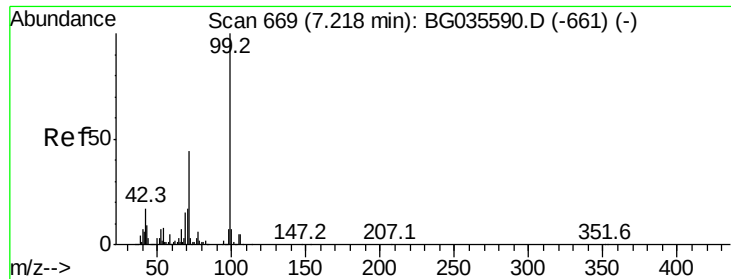


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.021 ng

RT: 7.19 min Scan# 664

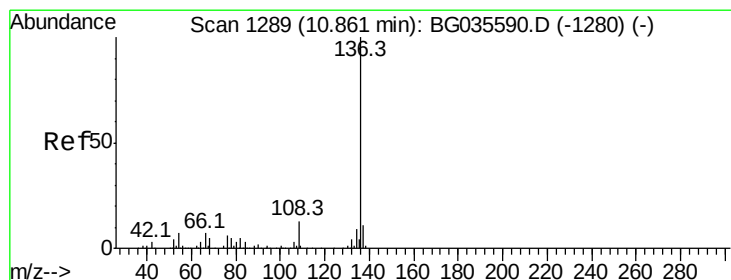
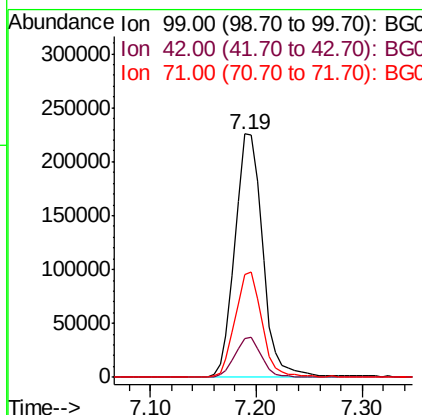
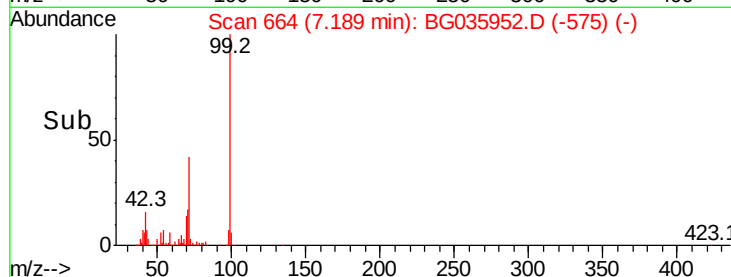
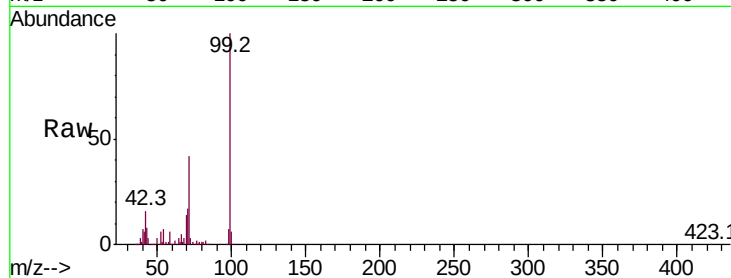
Delta R.T. -0.01 min

Lab File: BG035952.D

Acq: 28 Jul 2018 1:13

Tot Ion: 99 Resp: 410402

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.1	21.1
71	42.1	26.1	39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

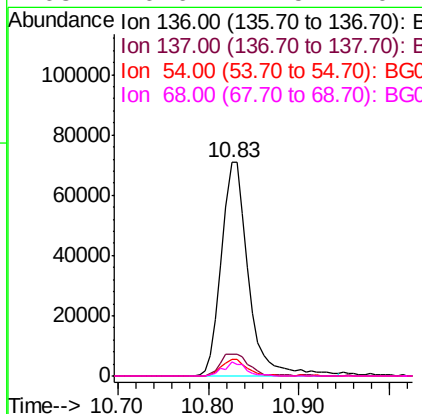
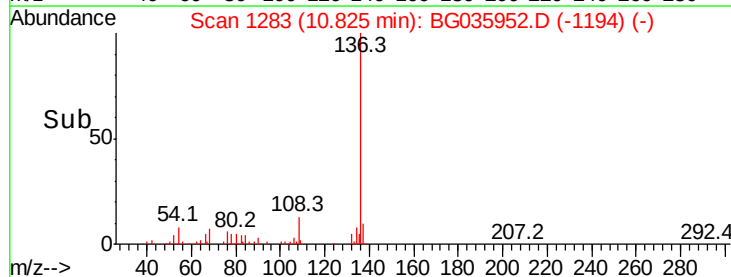
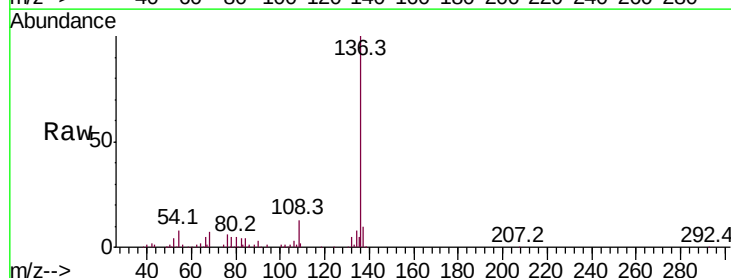
Delta R.T. -0.01 min

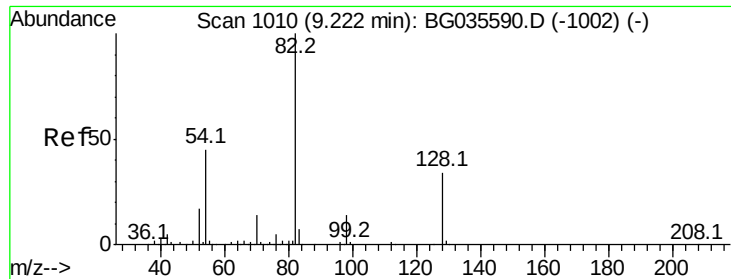
Lab File: BG035952.D

Acq: 28 Jul 2018 1:13

Tgt Ion: 136 Resp: 147380

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	7.9	10.3	15.5#
68	6.6	4.5	6.7





#23

Nitrobenzene-d5

Concen: 74.232 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035952.D

Acq: 28 Jul 2018 1:13

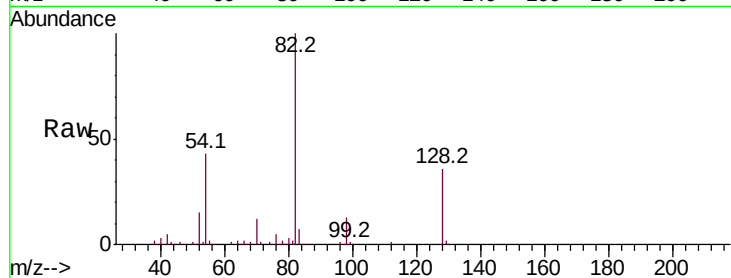
Tot Ion: 82 Resp: 261887

Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	43.2	43.1	64.7

82 100

128 35.7 29.7 44.5

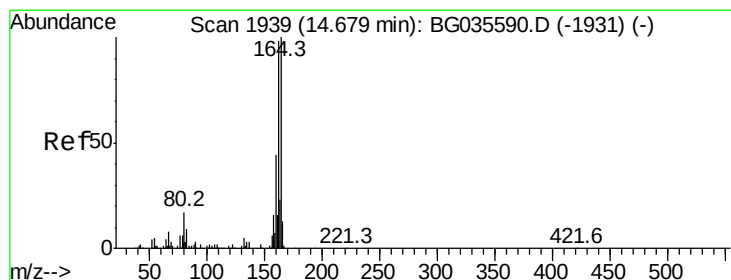
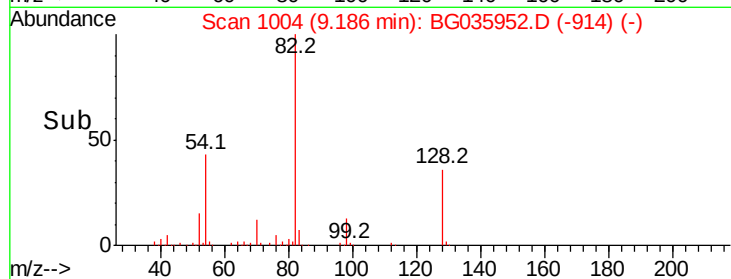
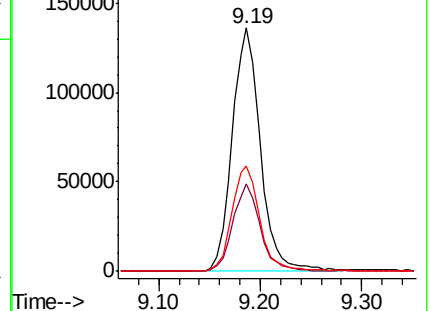
54 43.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035952.D

Acq: 28 Jul 2018 1:13

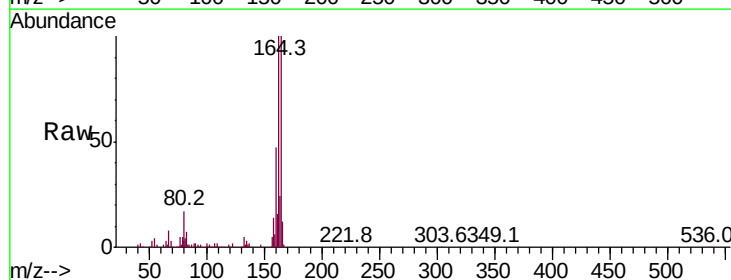
Tgt Ion: 164 Resp: 115372

Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.8	118.2
160	47.0	35.4	53.0

164 100

162 99.6 78.8 118.2

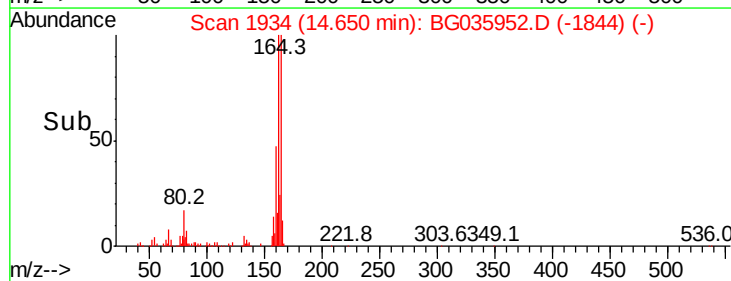
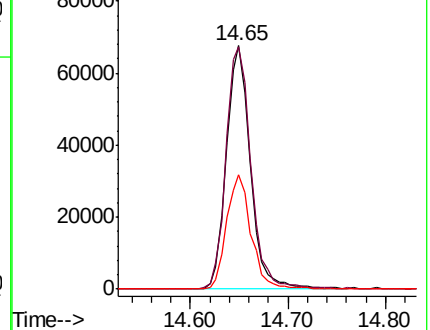
160 47.0 35.4 53.0

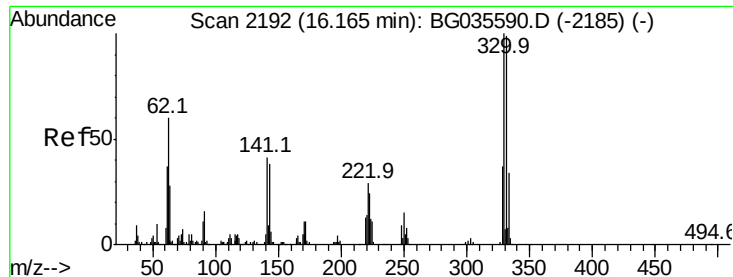


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

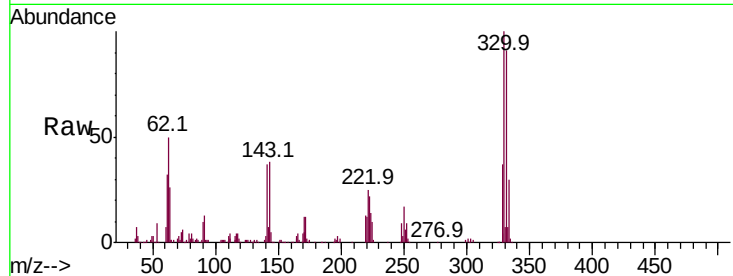
Ion 160.00 (159.70 to 160.70): BGC



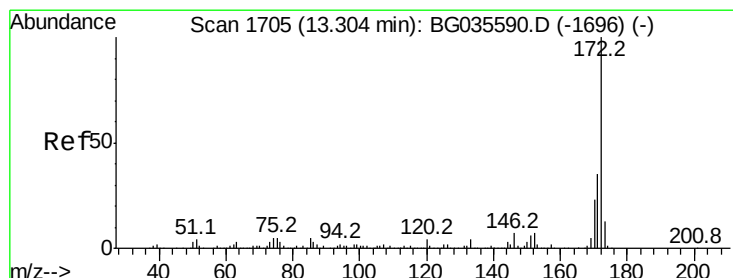
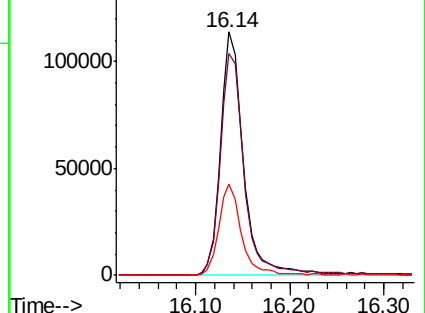
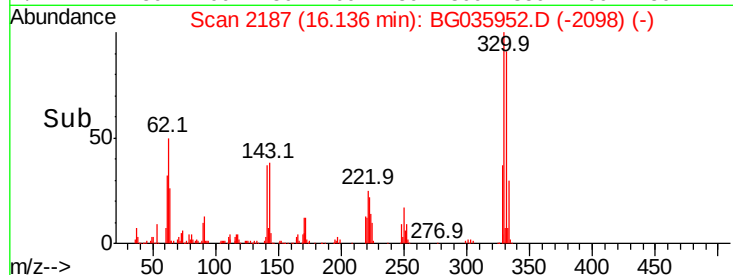


#41
 2,4,6-Tribromophenol
 Concen: 128.693 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035952.D
 Acq: 28 Jul 2018 1:13

Tot Ion:	330	Resp:	195701
Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	36.2	25.2	37.8

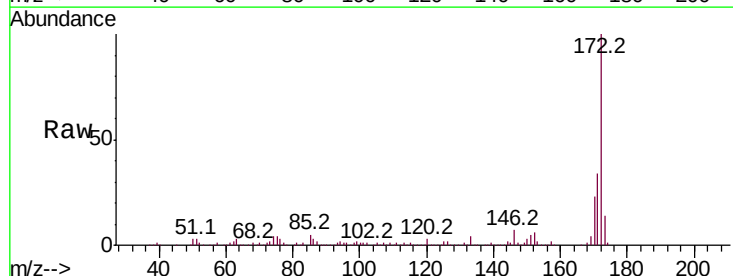


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

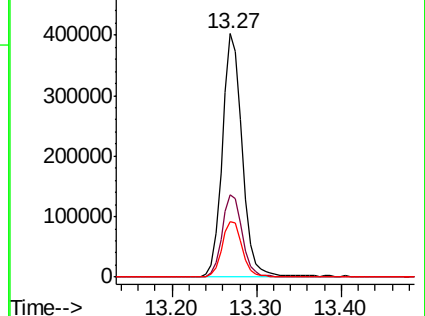
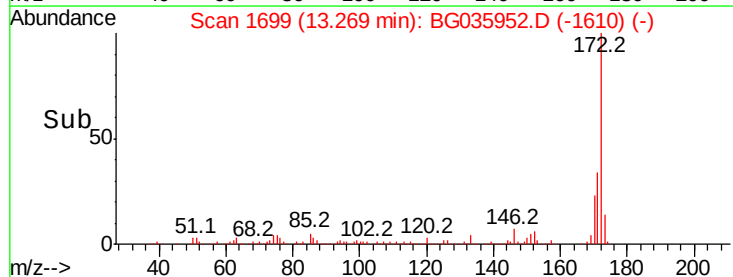


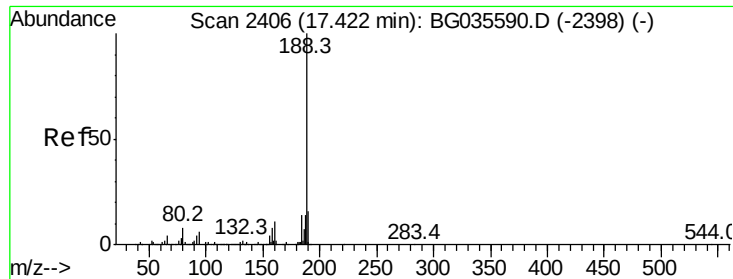
#44
 2-Fluorobiphenyl
 Concen: 76.886 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035952.D
 Acq: 28 Jul 2018 1:13

Tgt Ion:	172	Resp:	662103
Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	22.8	19.5	29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035952.D

Acq: 28 Jul 2018 1:13

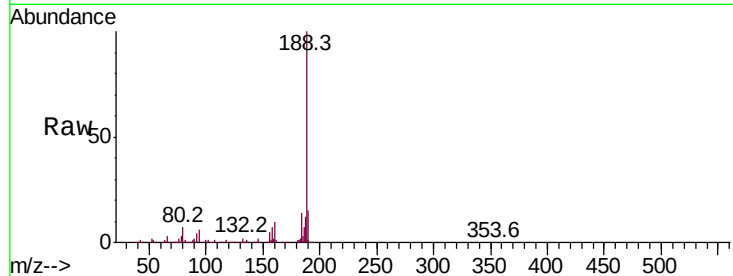
Tot Ion:188 Resp: 346435

Ion Ratio Lower Upper

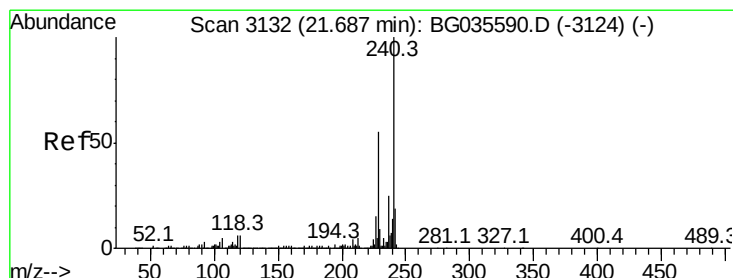
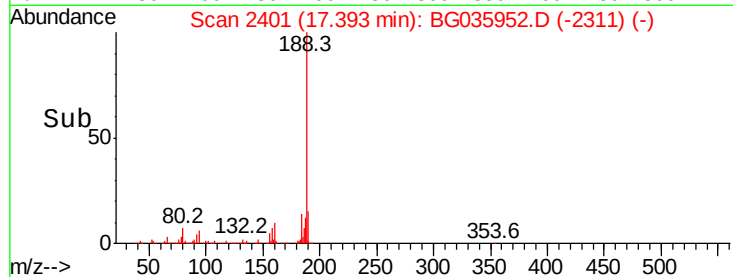
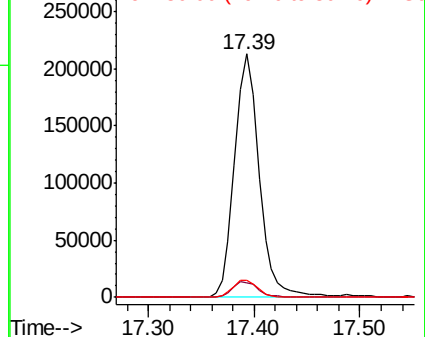
188 100

94 6.2 6.9 10.3#

80 7.2 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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035952.D

Acq: 28 Jul 2018 1:13

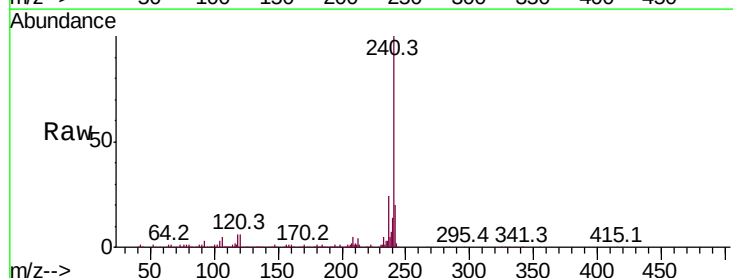
Tgt Ion:240 Resp: 371289

Ion Ratio Lower Upper

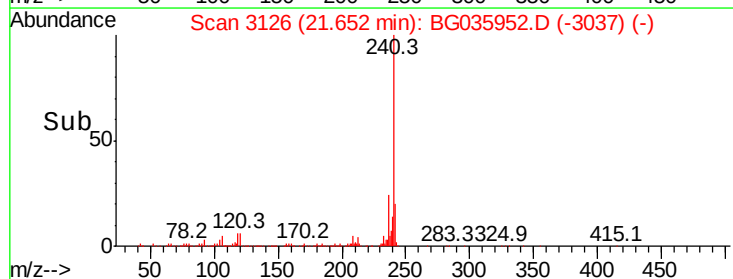
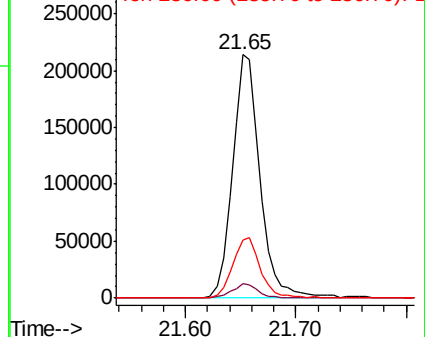
240 100

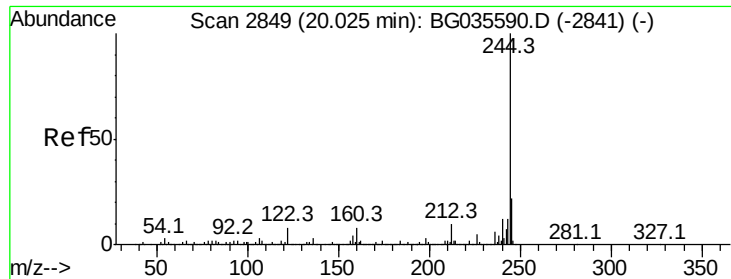
120 5.8 6.8 10.2#

236 23.9 20.9 31.3



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

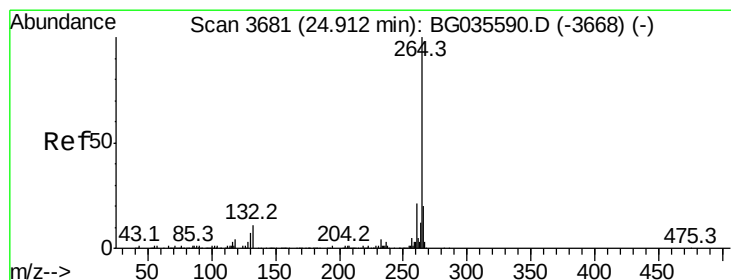
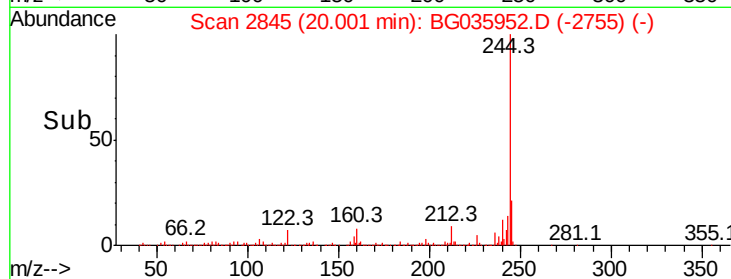
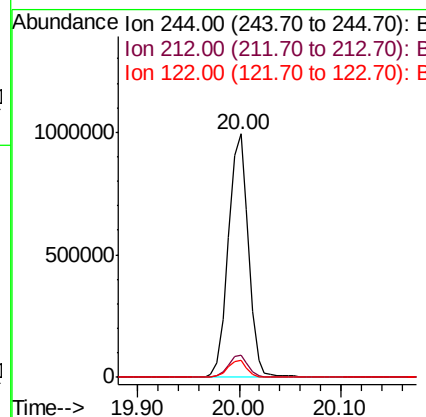
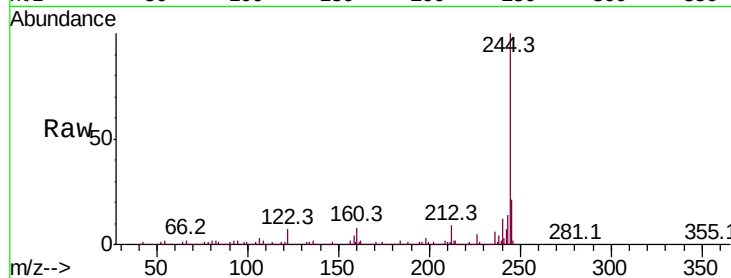




#78
 Terphenyl-d14
 Concen: 81.095 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035952.D
 Acq: 28 Jul 2018 1:13

Tot Ion:244 Resp: 1365957

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	6.9	7.0	10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035952.D
 Acq: 28 Jul 2018 1:13

Tgt Ion:264 Resp: 347249

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	22.8	17.7	26.5

