

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035958.D
 Acq On : 28 Jul 2018 5:07
 Operator : JU/SJ
 Sample : J4180-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

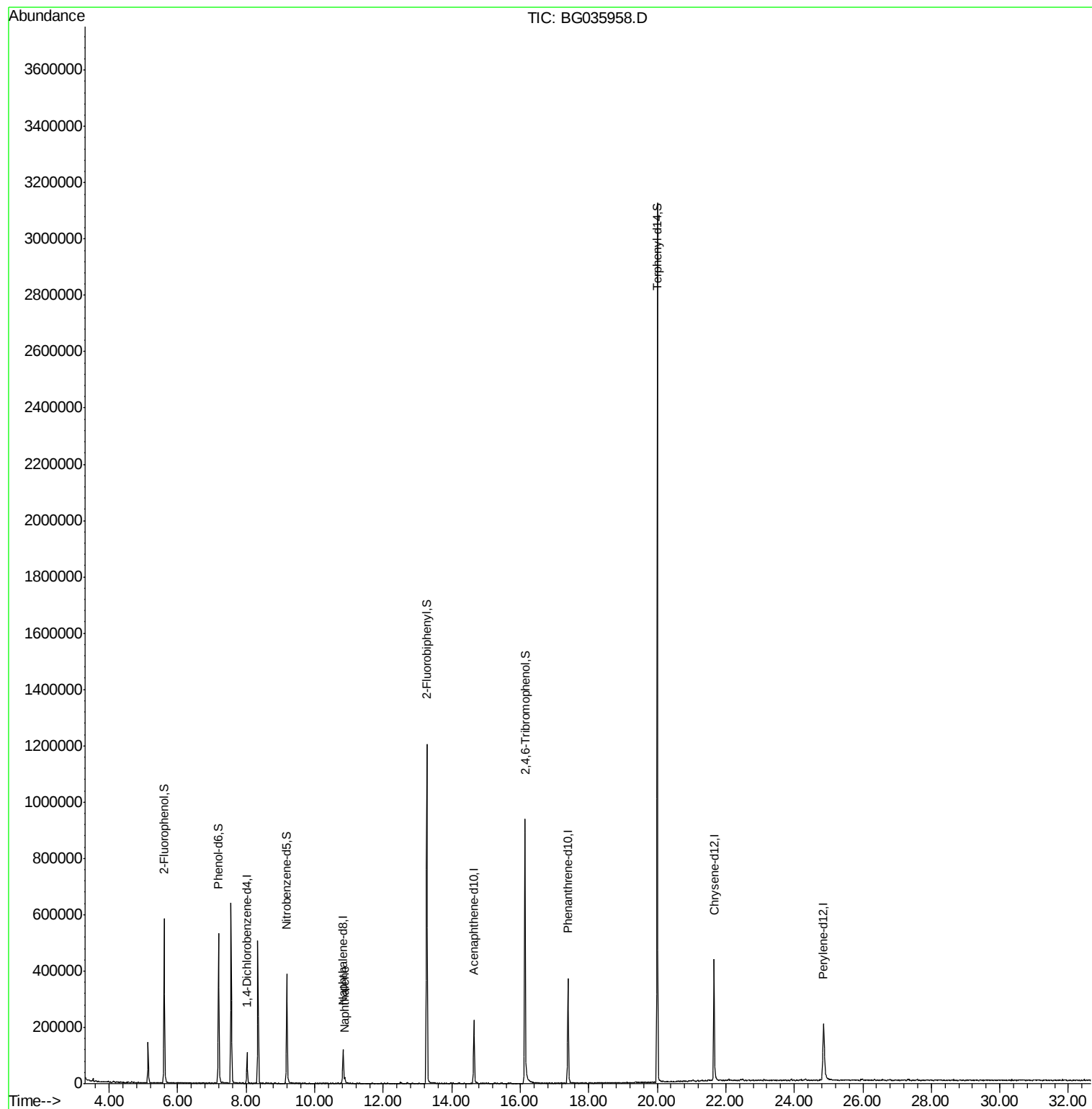
Quant Time: Jul 28 06:58:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

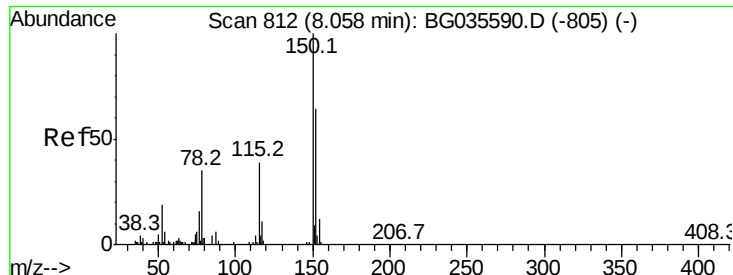
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	31182	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	115843	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	87555	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	273527	20.00	ng	0.00
75) Chrysene-d12	21.65	240	297220	20.00	ng	0.00
86) Perylene-d12	24.86	264	277703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	259596	138.22	ng	0.00
7) Phenol-d6	7.19	99	335677	119.79	ng	0.00
23) Nitrobenzene-d5	9.18	82	282193	101.76	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	194953	168.93	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	685103	104.83	ng	0.00
78) Terphenyl-d14	20.00	244	1460561	108.32	ng	0.00
Target Compounds						
31) Naphthalene	10.88	128	13787	2.285	ng	Qvalue # 90

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

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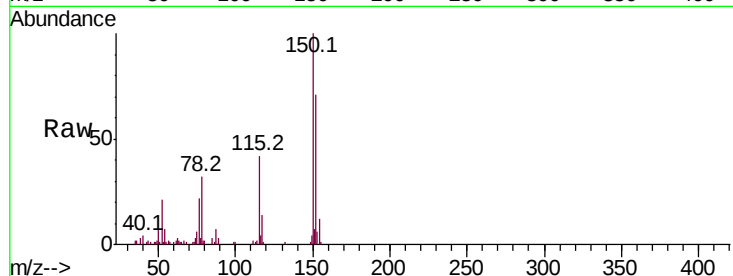




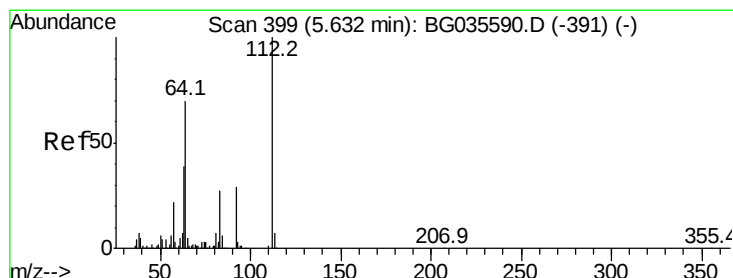
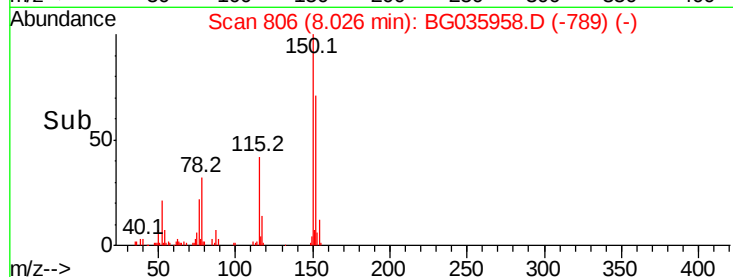
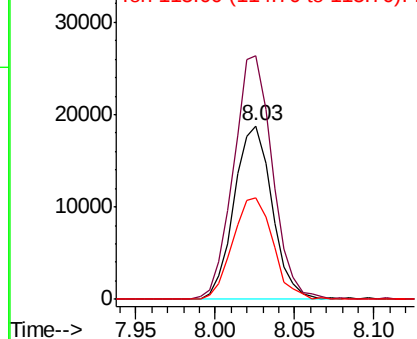
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035958.D
Acq: 28 Jul 2018 5:07

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.2	126.6	189.8
115	58.4	53.0	79.4



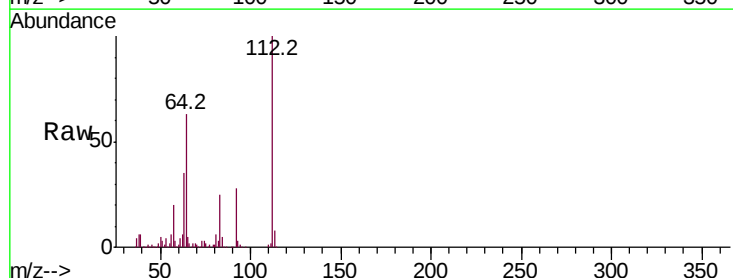
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



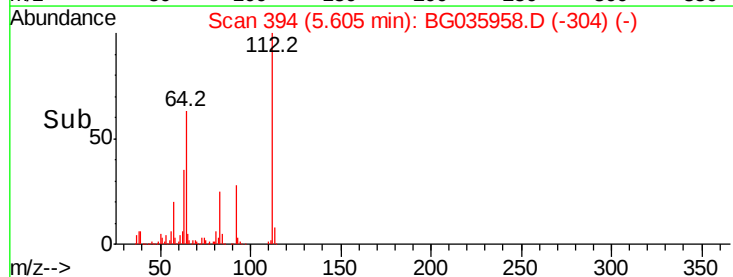
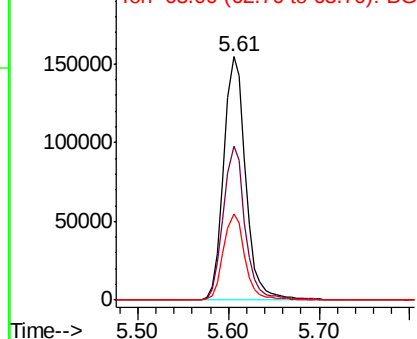
#5

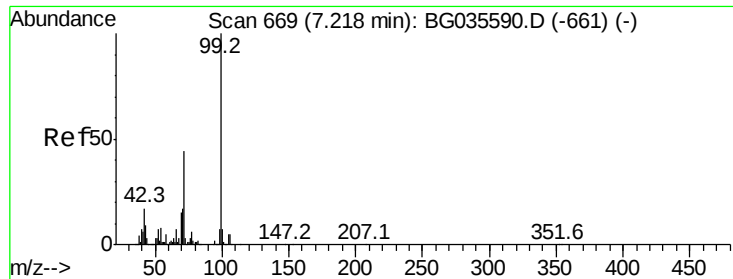
2-Fluorophenol
Concen: 138.218 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035958.D
Acq: 28 Jul 2018 5:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	56.3	84.5
63	35.2	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: 119.790 ng

RT: 7.19 min Scan# 664

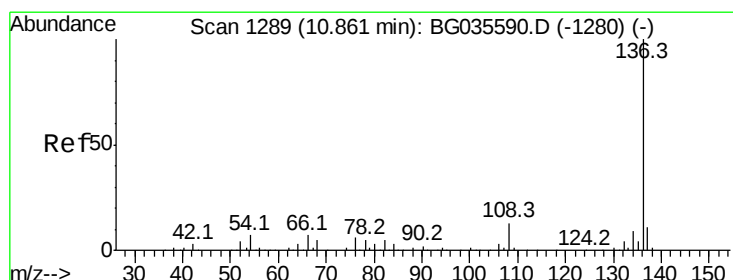
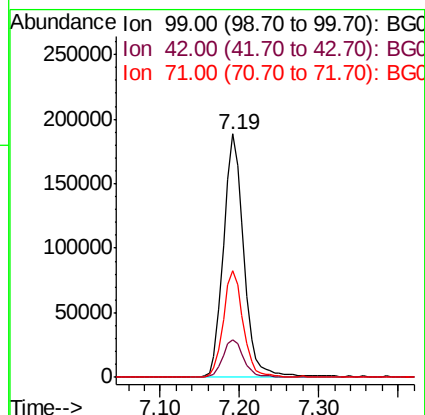
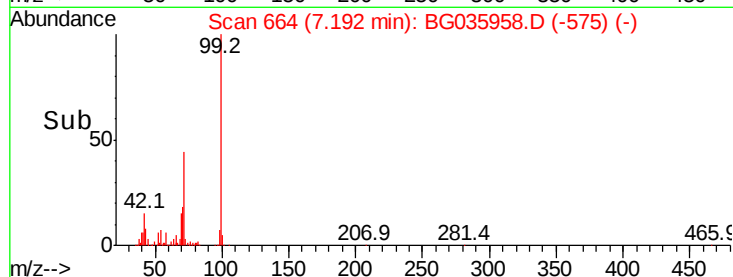
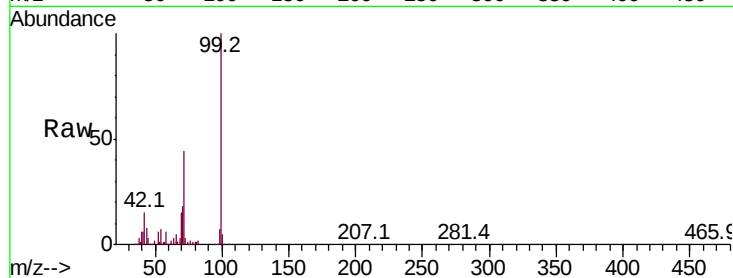
Delta R.T. -0.00 min

Lab File: BG035958.D

Acq: 28 Jul 2018 5:07

Tot Ion: 99 Resp: 335677

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.1	21.1
71	43.6	26.1	39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

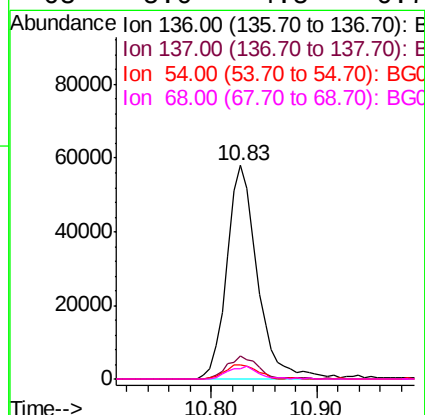
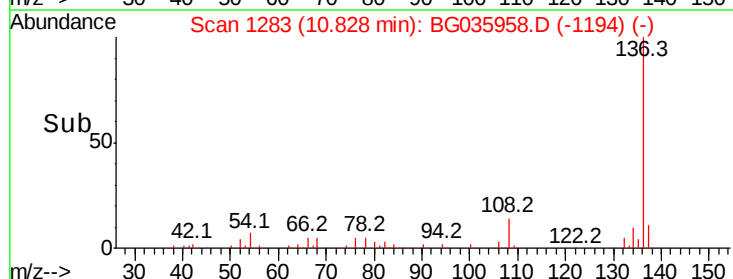
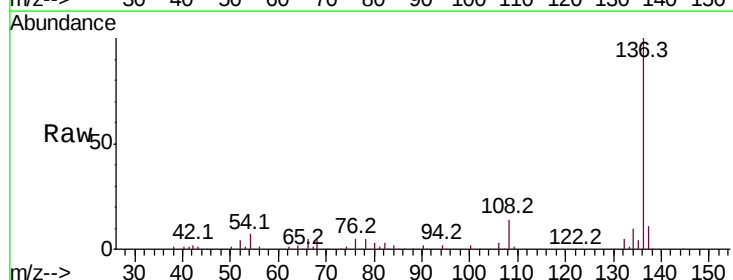
Delta R.T. -0.00 min

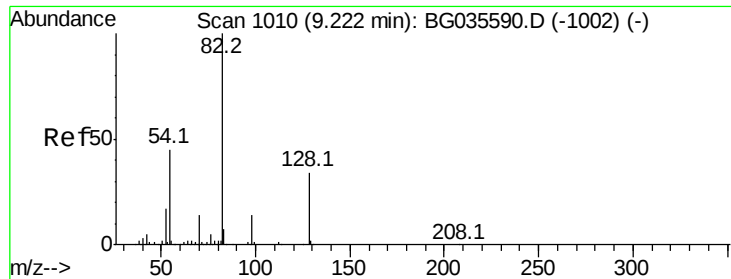
Lab File: BG035958.D

Acq: 28 Jul 2018 5:07

Tgt Ion: 136 Resp: 115843

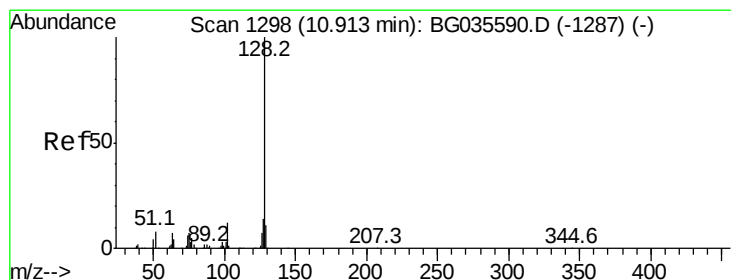
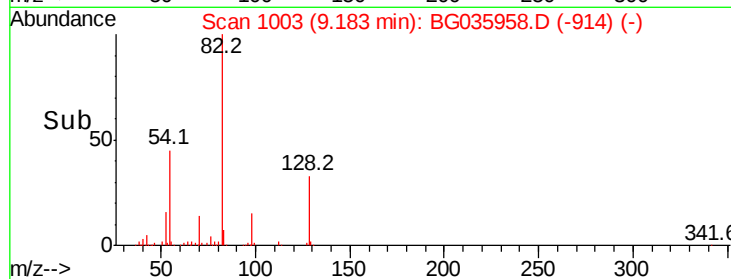
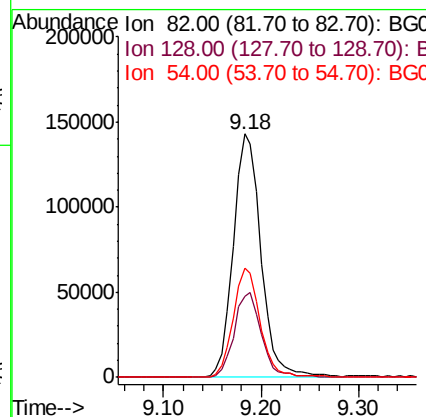
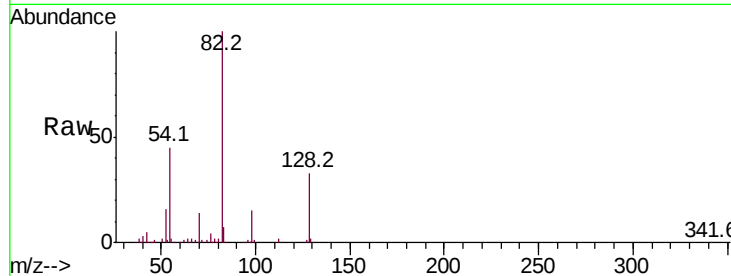
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.7	10.3	15.5#
68	5.0	4.5	6.7





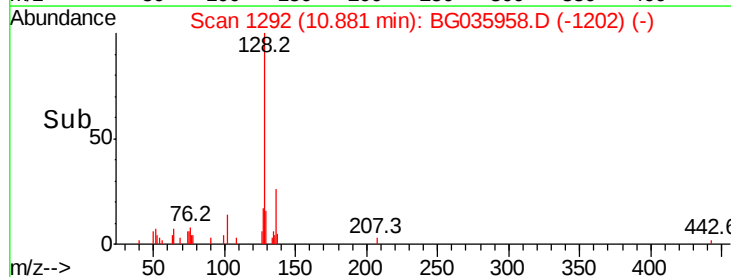
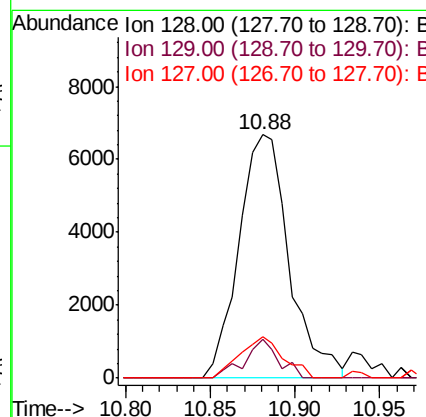
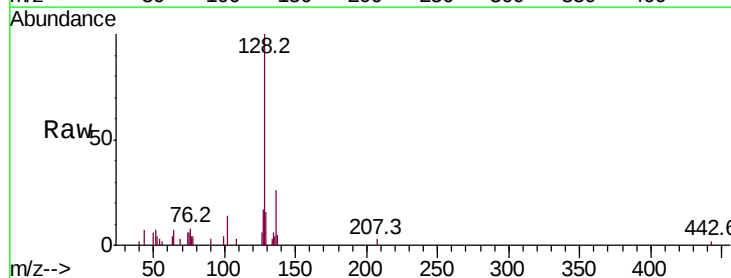
#23
 Nitrobenzene-d5
 Concen: 101.763 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BG035958.D
 Acq: 28 Jul 2018 5:07

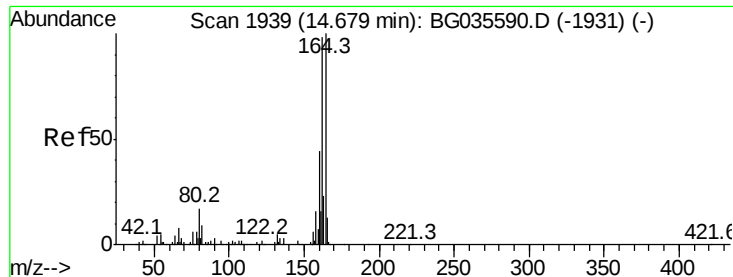
Tot Ion:	82	Resp:	282193
Ion	Ratio	Lower	Upper
82	100		
128	33.2	29.7	44.5
54	44.6	43.1	64.7



#31
 Naphthalene
 Concen: 2.285 ng
 RT: 10.88 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BG035958.D
 Acq: 28 Jul 2018 5:07

Tgt Ion:	128	Resp:	13787
Ion	Ratio	Lower	Upper
128	100		
129	16.2	8.6	12.8#
127	16.9	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: BG035958.D

Acq: 28 Jul 2018 5:07

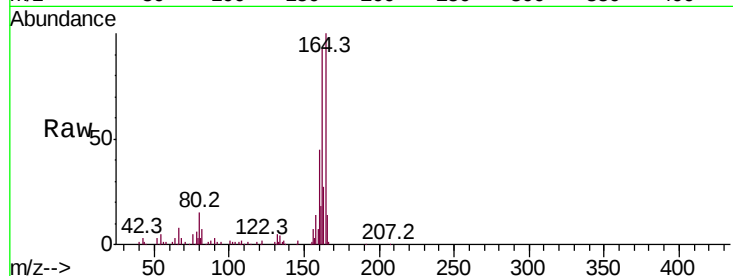
Tot Ion:164 Resp: 87555

Ion Ratio Lower Upper

164 100

162 92.8 78.8 118.2

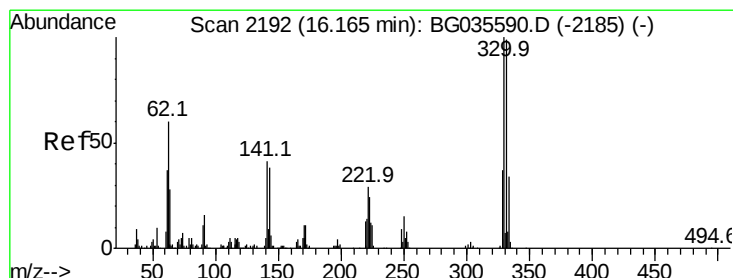
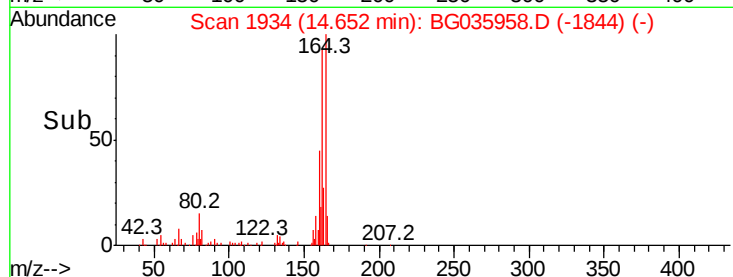
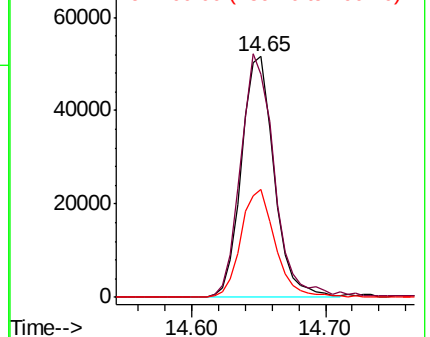
160 45.0 35.4 53.0



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: 168.932 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG035958.D

Acq: 28 Jul 2018 5:07

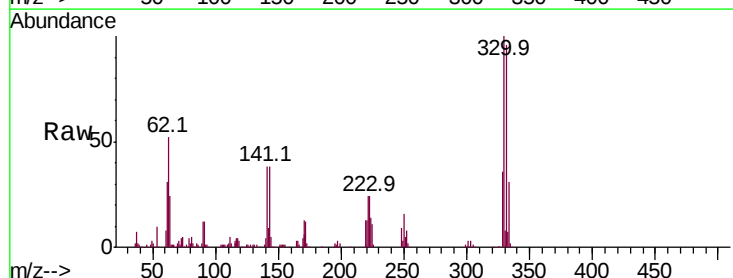
Tgt Ion:330 Resp: 194953

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

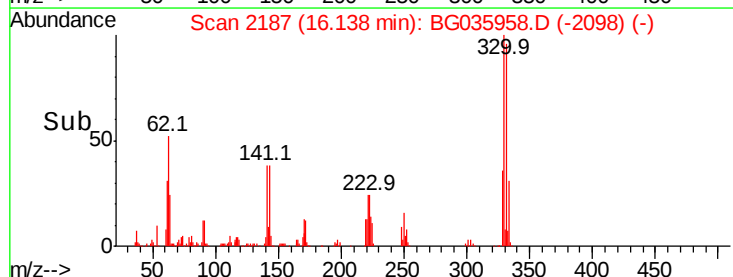
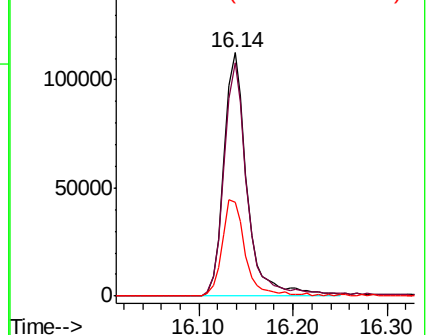
141 38.7 25.2 37.8#

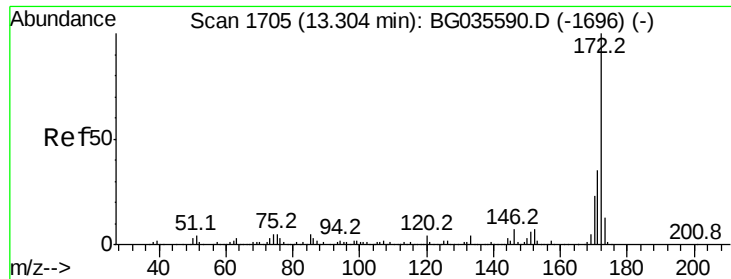


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

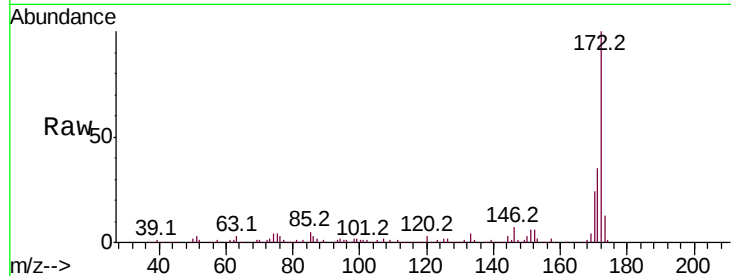
Ion 141.00 (140.70 to 141.70): E



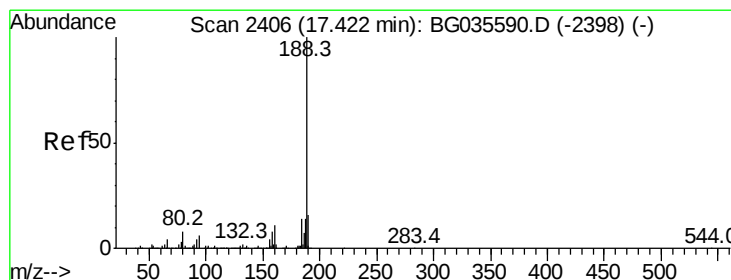
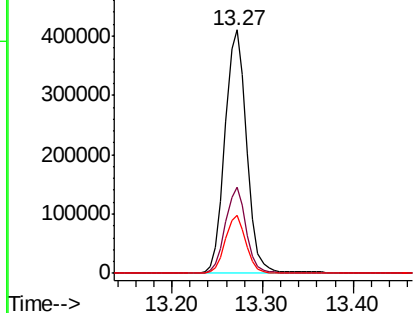
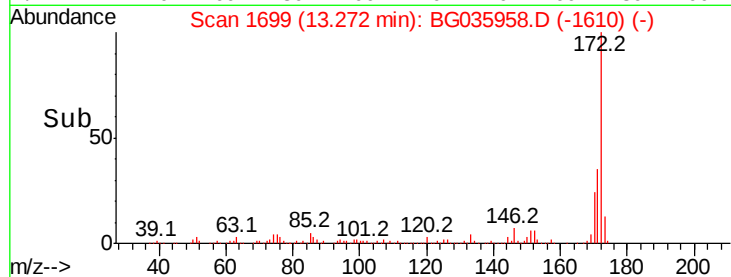


#44
 2-Fluorobiphenyl
 Concen: 104.832 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035958.D
 Acq: 28 Jul 2018 5:07

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	23.6	19.5	29.3

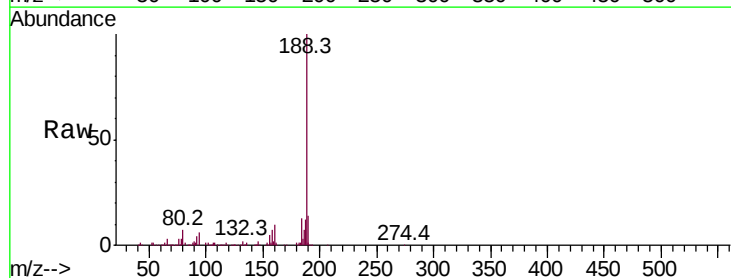


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

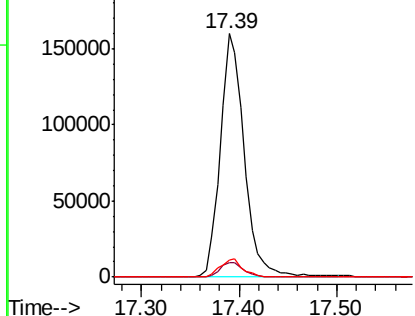
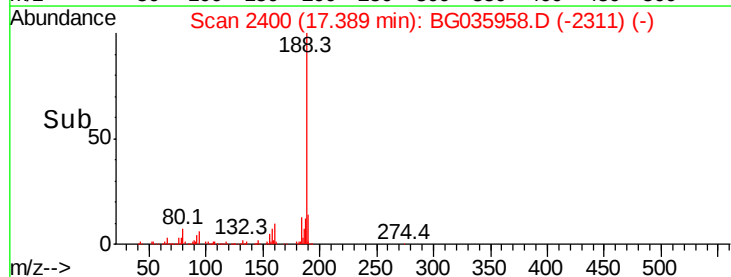


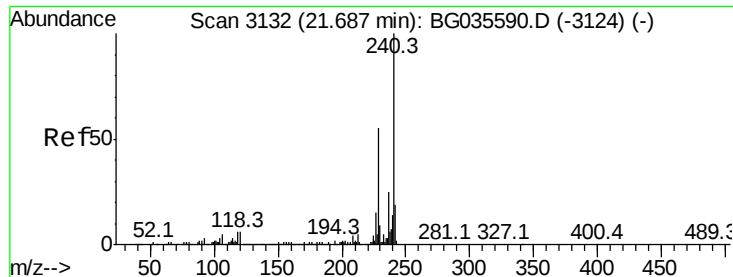
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BG035958.D
 Acq: 28 Jul 2018 5:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	6.9	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





#75

Chrysene-d12

Concen: 20.000 ng

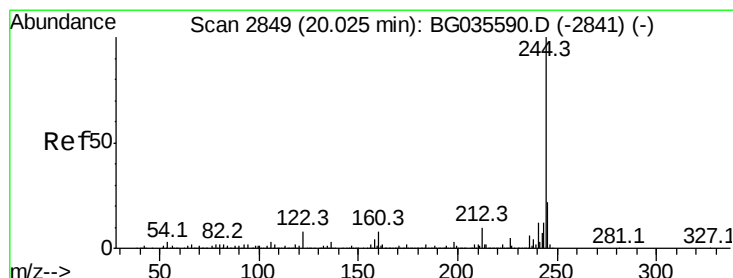
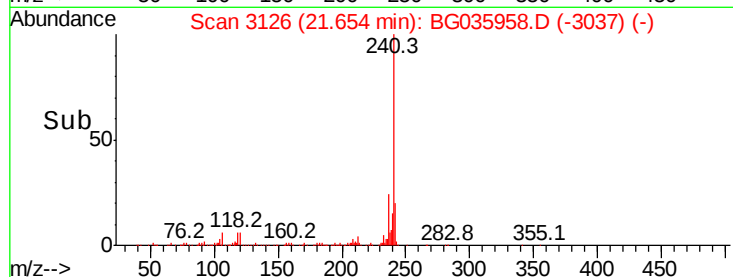
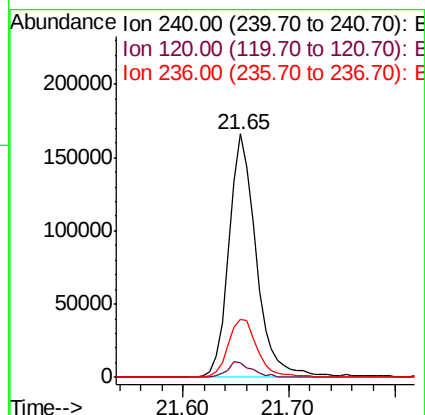
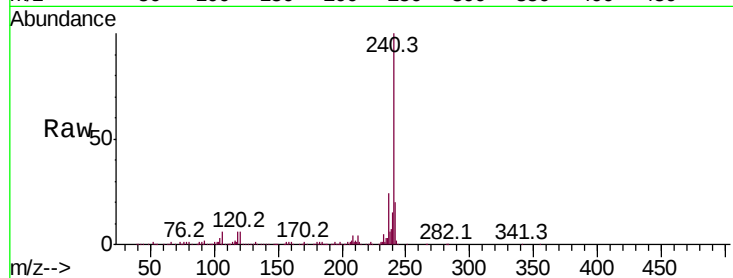
RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG035958.D

Acq: 28 Jul 2018 5:07

Tot Ion:240	Resp:	297220
Ion Ratio	Lower	Upper
240	100	
120	5.9	6.8 10.2#
236	23.8	20.9 31.3



#78

Terphenyl-d14

Concen: 108.321 ng

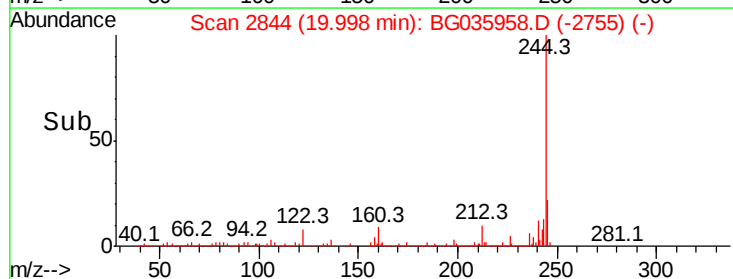
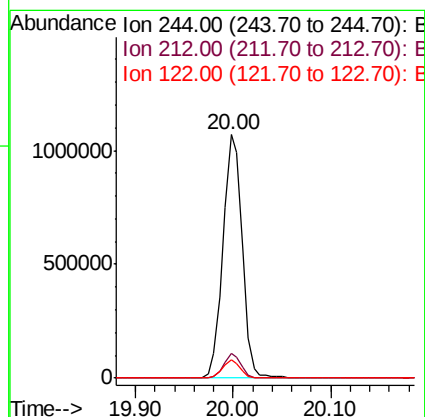
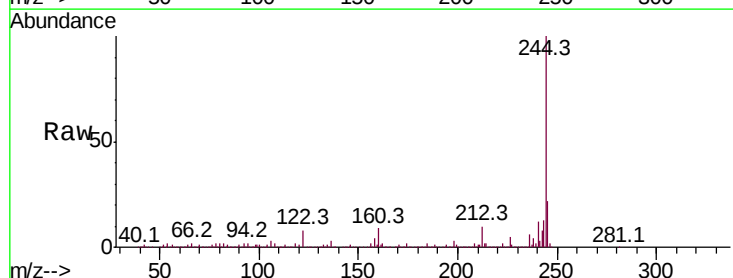
RT: 20.00 min Scan# 2844

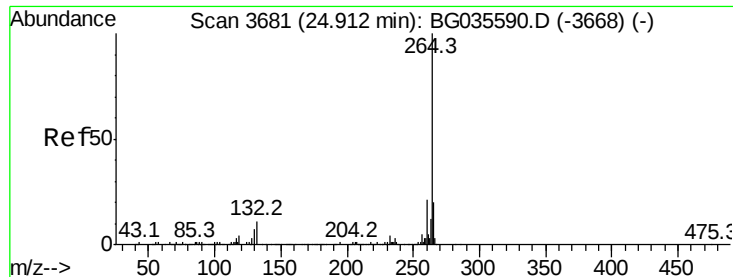
Delta R.T. -0.00 min

Lab File: BG035958.D

Acq: 28 Jul 2018 5:07

Tgt Ion:244	Resp:	1460561
Ion Ratio	Lower	Upper
244	100	
212	10.0	5.8 8.8#
122	7.8	7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BG035958.D
Acq: 28 Jul 2018 5:07

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.4	17.7	26.5

