

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035932.D
 Acq On : 27 Jul 2018 11:33
 Operator : JU/SJ
 Sample : PB111401BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 27 14:16:29 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

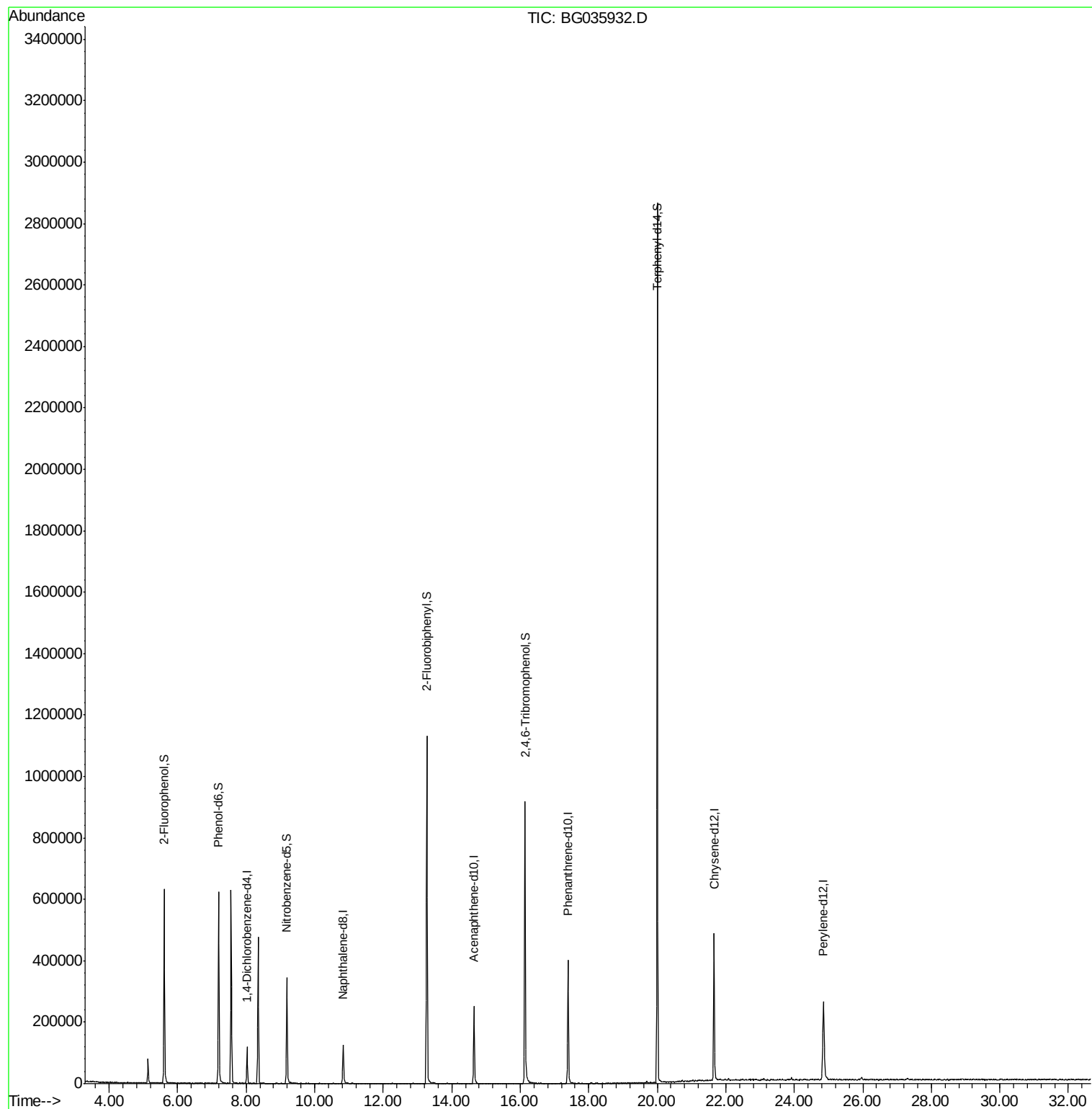
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34672	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	126079	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	95671	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	290984	20.00	ng	0.00
75) Chrysene-d12	21.65	240	330303	20.00	ng	0.00
86) Perylene-d12	24.86	264	313043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	278652	133.43	ng	0.00
7) Phenol-d6	7.19	99	397272	127.50	ng	0.00
23) Nitrobenzene-d5	9.18	82	254022	84.17	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	199054	157.85	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	648497	90.81	ng	0.00
78) Terphenyl-d14	20.00	244	1425347	95.12	ng	0.00

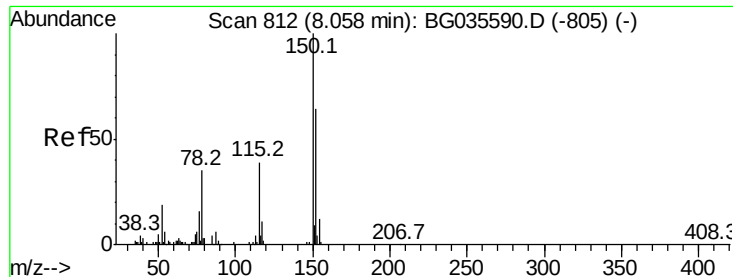
Target Compounds Qvalue

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

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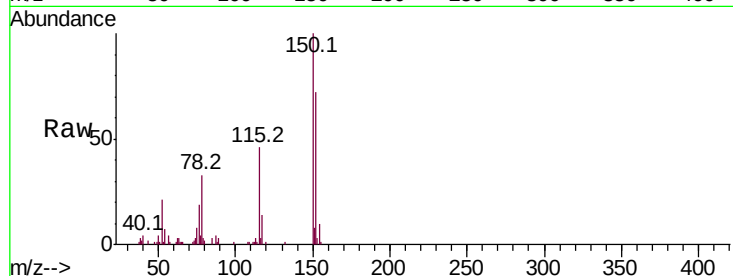




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035932.D
Acq: 27 Jul 2018 11:33

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.1	126.6	189.8
115	63.8	53.0	79.4

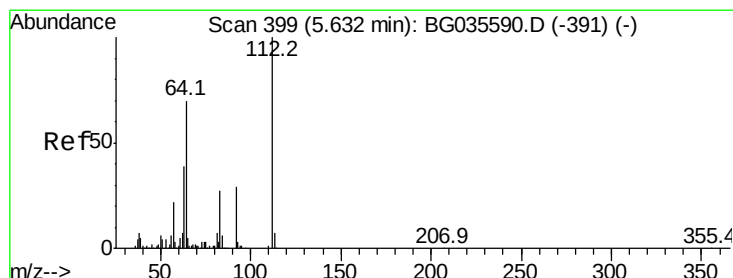
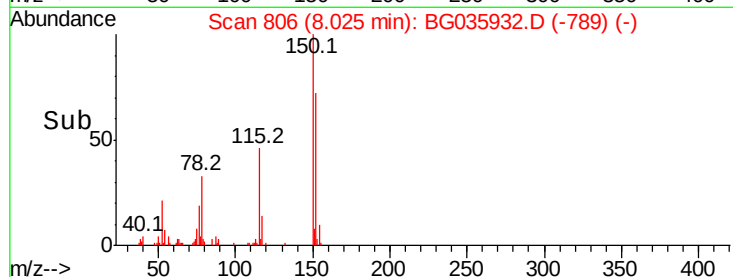
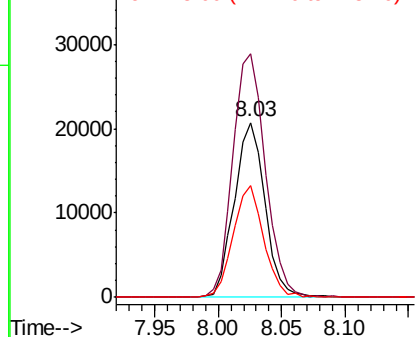


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

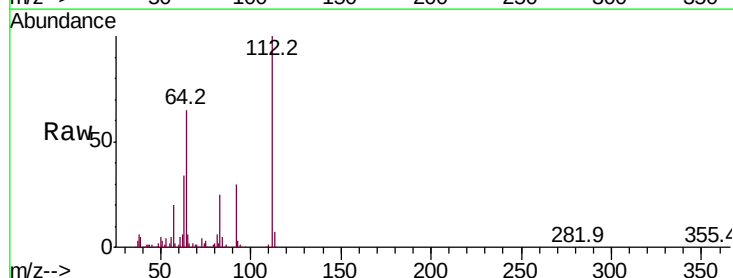
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.430 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035932.D
Acq: 27 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	56.3	84.5
63	33.9	30.1	45.1

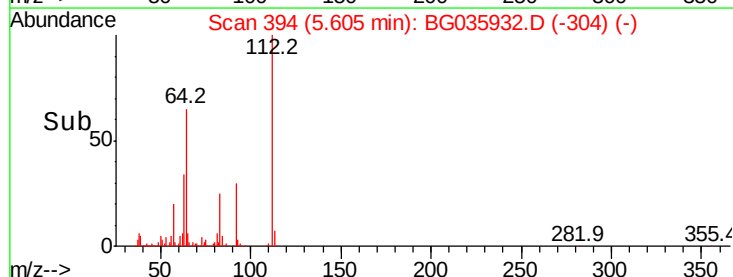
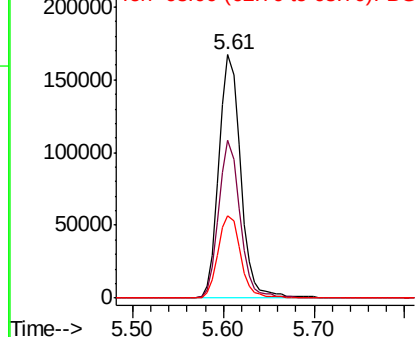


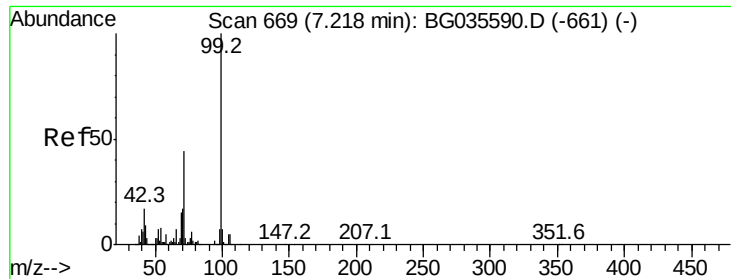
Abundance

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: 127.501 ng

RT: 7.19 min Scan# 664

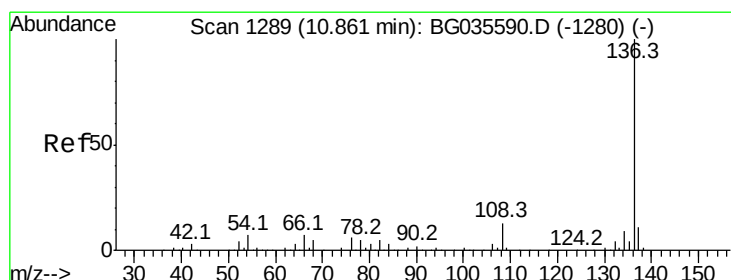
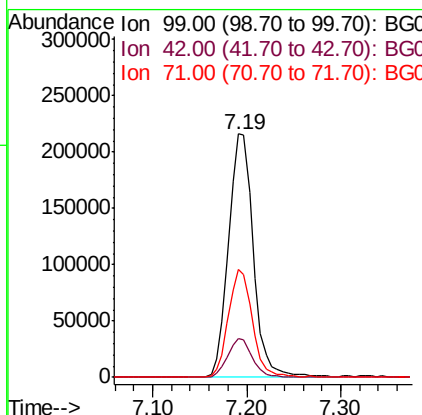
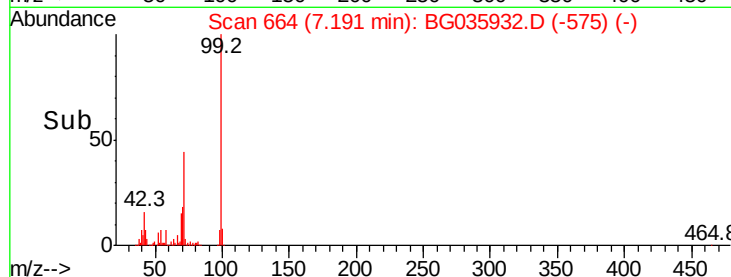
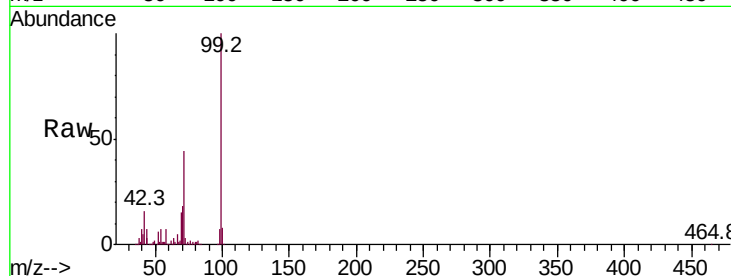
Delta R.T. -0.00 min

Lab File: BG035932.D

Acq: 27 Jul 2018 11:33

Tot Ion: 99 Resp: 397272

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.1	21.1
71	44.3	26.1	39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

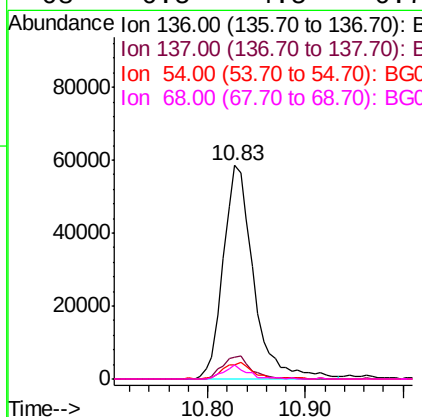
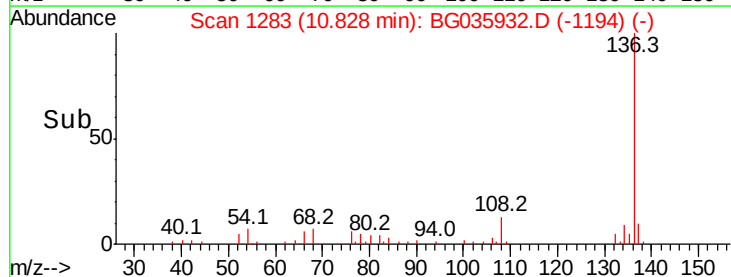
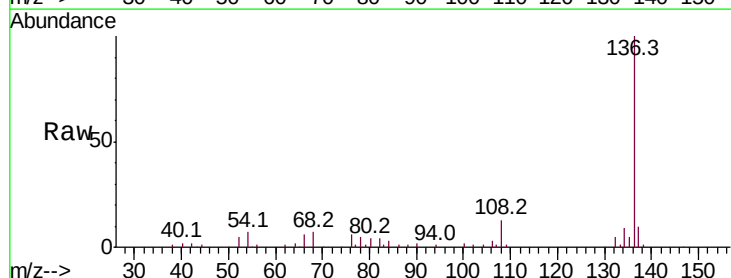
Delta R.T. -0.00 min

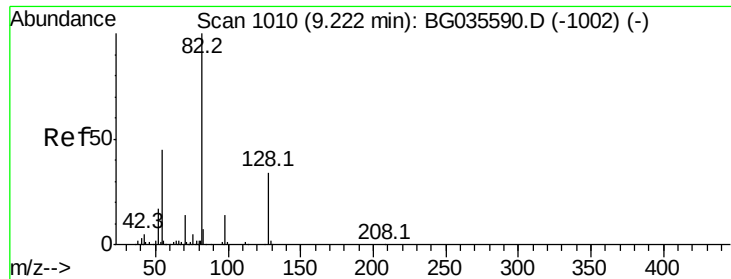
Lab File: BG035932.D

Acq: 27 Jul 2018 11:33

Tgt Ion: 136 Resp: 126079

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	6.8	10.3	15.5#
68	6.5	4.5	6.7





#23

Nitrobenzene-d5

Concen: 84.167 ng

RT: 9.18 min Scan# 1003

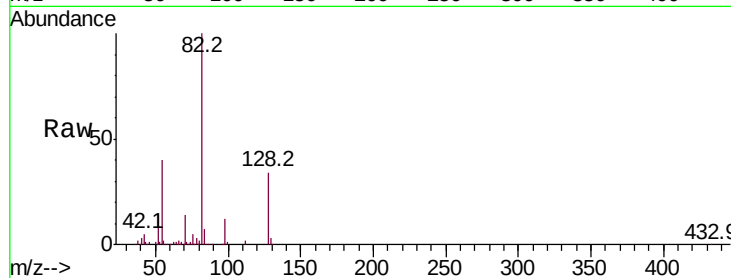
Delta R.T. -0.00 min

Lab File: BG035932.D

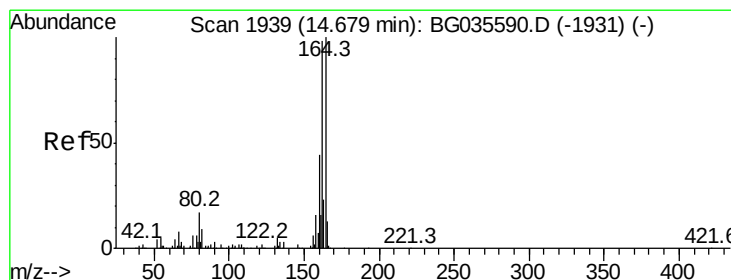
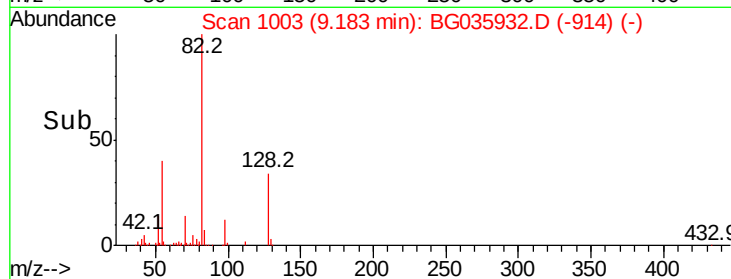
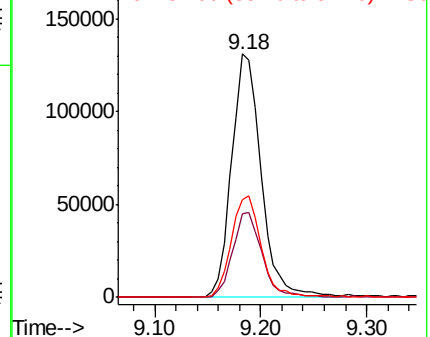
Acq: 27 Jul 2018 11:33

Tot Ion: 82 Resp: 254022

Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	40.2	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

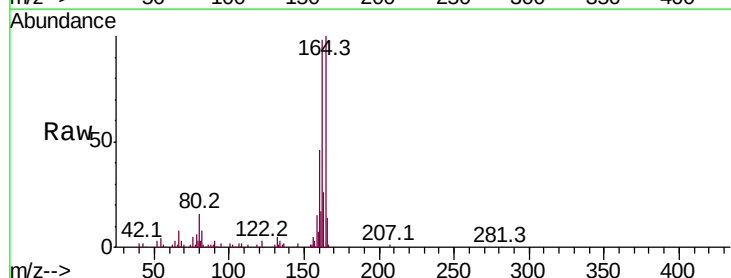
Delta R.T. 0.00 min

Lab File: BG035932.D

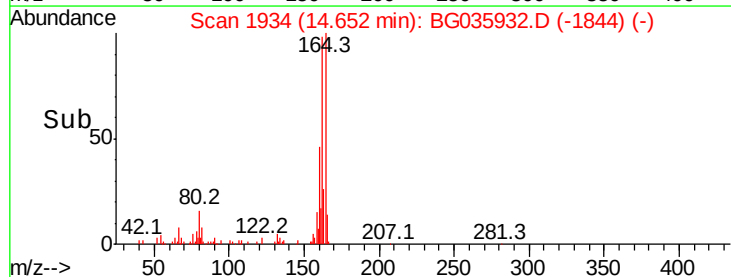
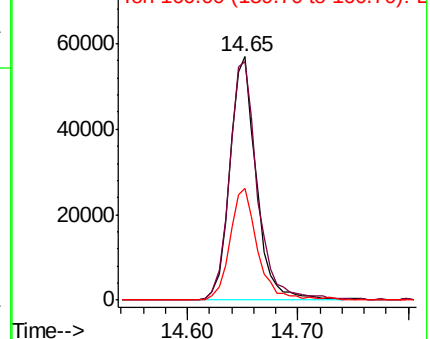
Acq: 27 Jul 2018 11:33

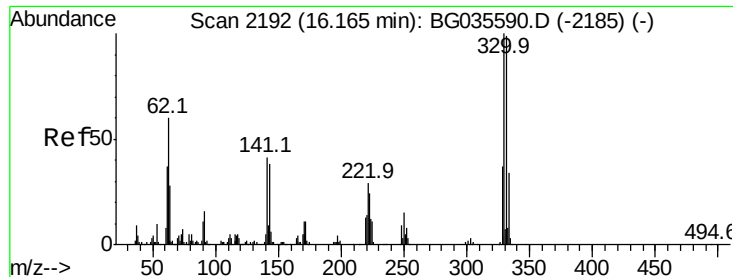
Tgt Ion: 164 Resp: 95671

Ion	Ratio	Lower	Upper
164	100		
162	97.8	78.8	118.2
160	45.7	35.4	53.0



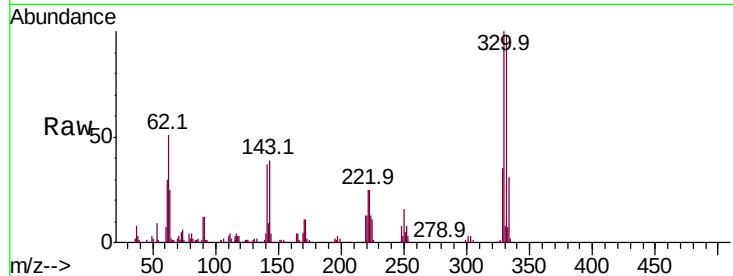
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



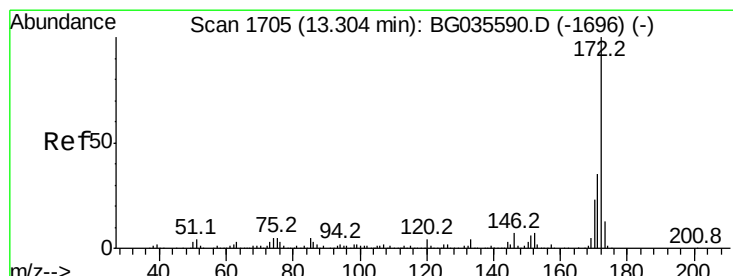
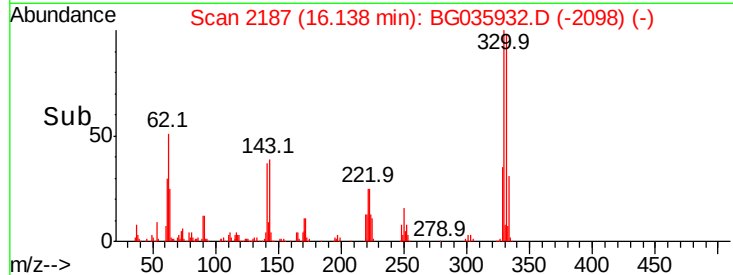
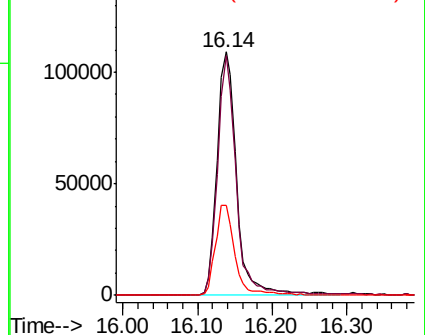


#41
 2,4,6-Tribromophenol
 Concen: 157.853 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG035932.D
 Acq: 27 Jul 2018 11:33

Tot Ion:330	Resp:	199054
Ion Ratio	Lower	Upper
330	100	
332	93.4	77.0 115.6
141	36.2	25.2 37.8

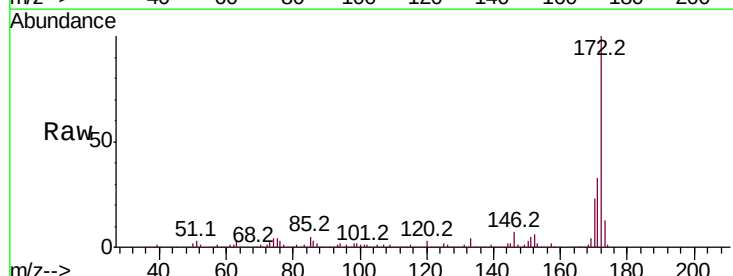


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

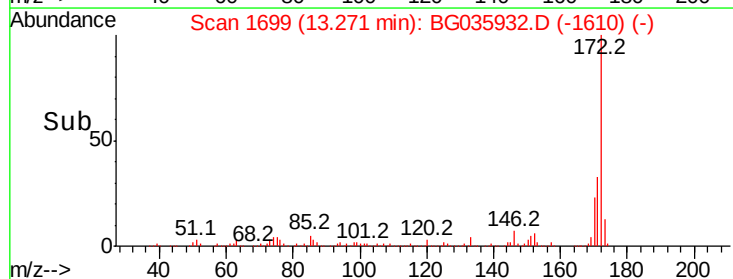
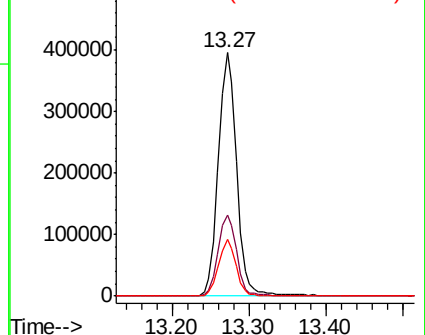


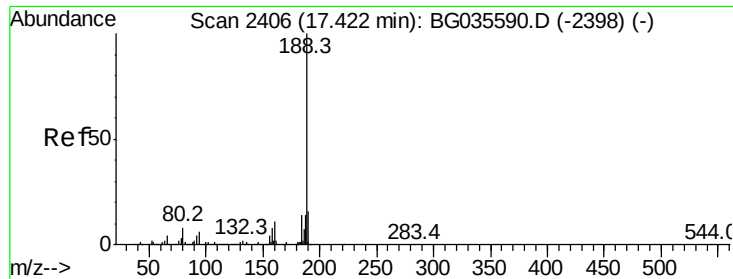
#44
 2-Fluorobiphenyl
 Concen: 90.813 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035932.D
 Acq: 27 Jul 2018 11:33

Tgt Ion:172	Resp:	648497
Ion Ratio	Lower	Upper
172	100	
171	33.3	30.0 45.0
170	23.1	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: 17.40 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035932.D

Acq: 27 Jul 2018 11:33

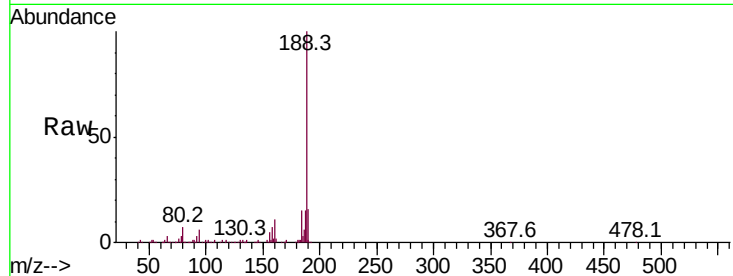
Tot Ion:188 Resp: 290984

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

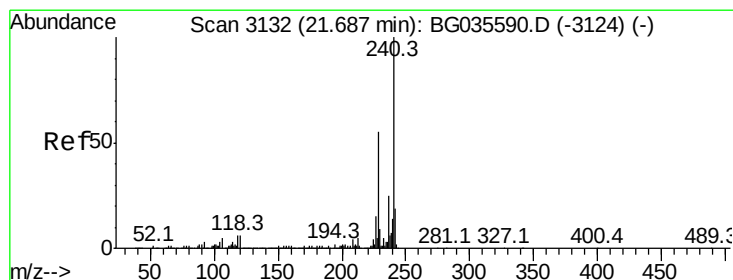
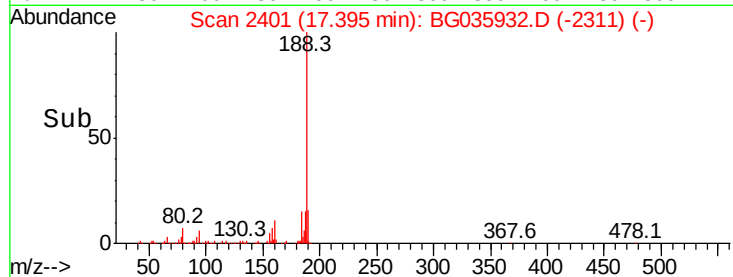
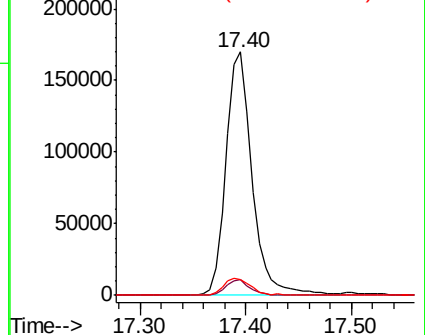
80 6.6 7.7 11.5#



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. -0.00 min

Lab File: BG035932.D

Acq: 27 Jul 2018 11:33

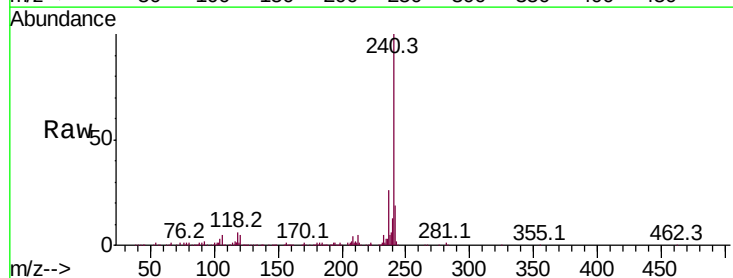
Tgt Ion:240 Resp: 330303

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

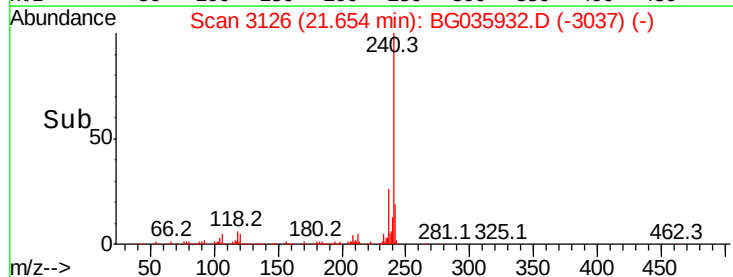
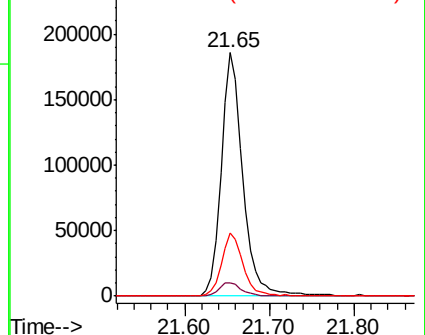
236 26.0 20.9 31.3

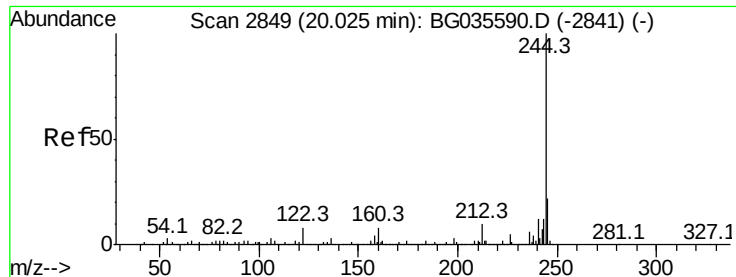


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.122 ng

RT: 20.00 min Scan# 2844

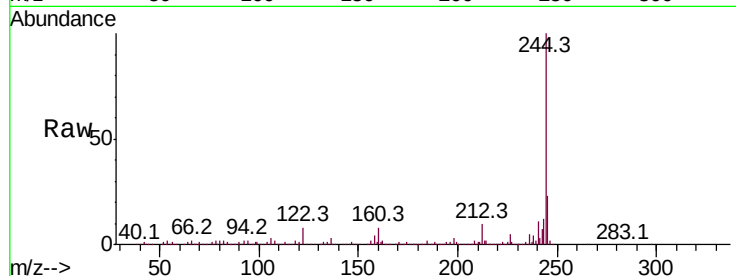
Delta R.T. -0.00 min

Lab File: BG035932.D

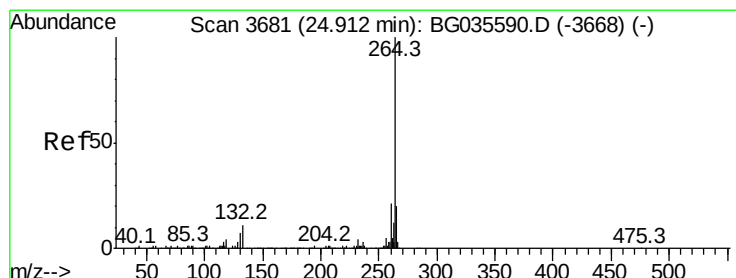
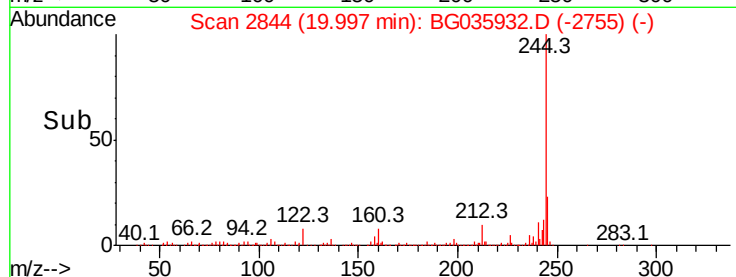
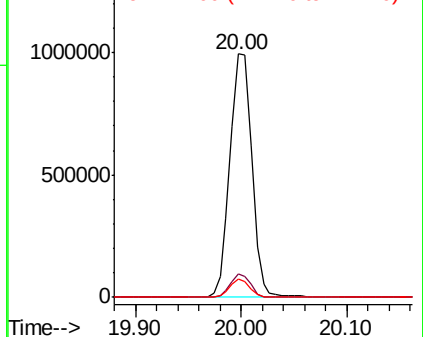
Acq: 27 Jul 2018 11:33

Tot Ion:244 Resp: 1425347

Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	7.6	7.0	10.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3671

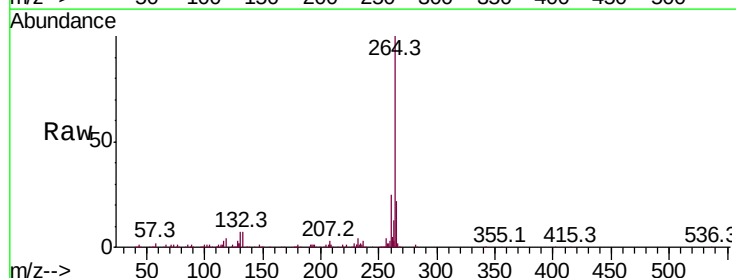
Delta R.T. -0.00 min

Lab File: BG035932.D

Acq: 27 Jul 2018 11:33

Tgt Ion:264 Resp: 313043

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	21.9	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

