

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035934.D
 Acq On : 27 Jul 2018 12:50
 Operator : JU/SJ
 Sample : PB111458BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 27 14:24:00 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

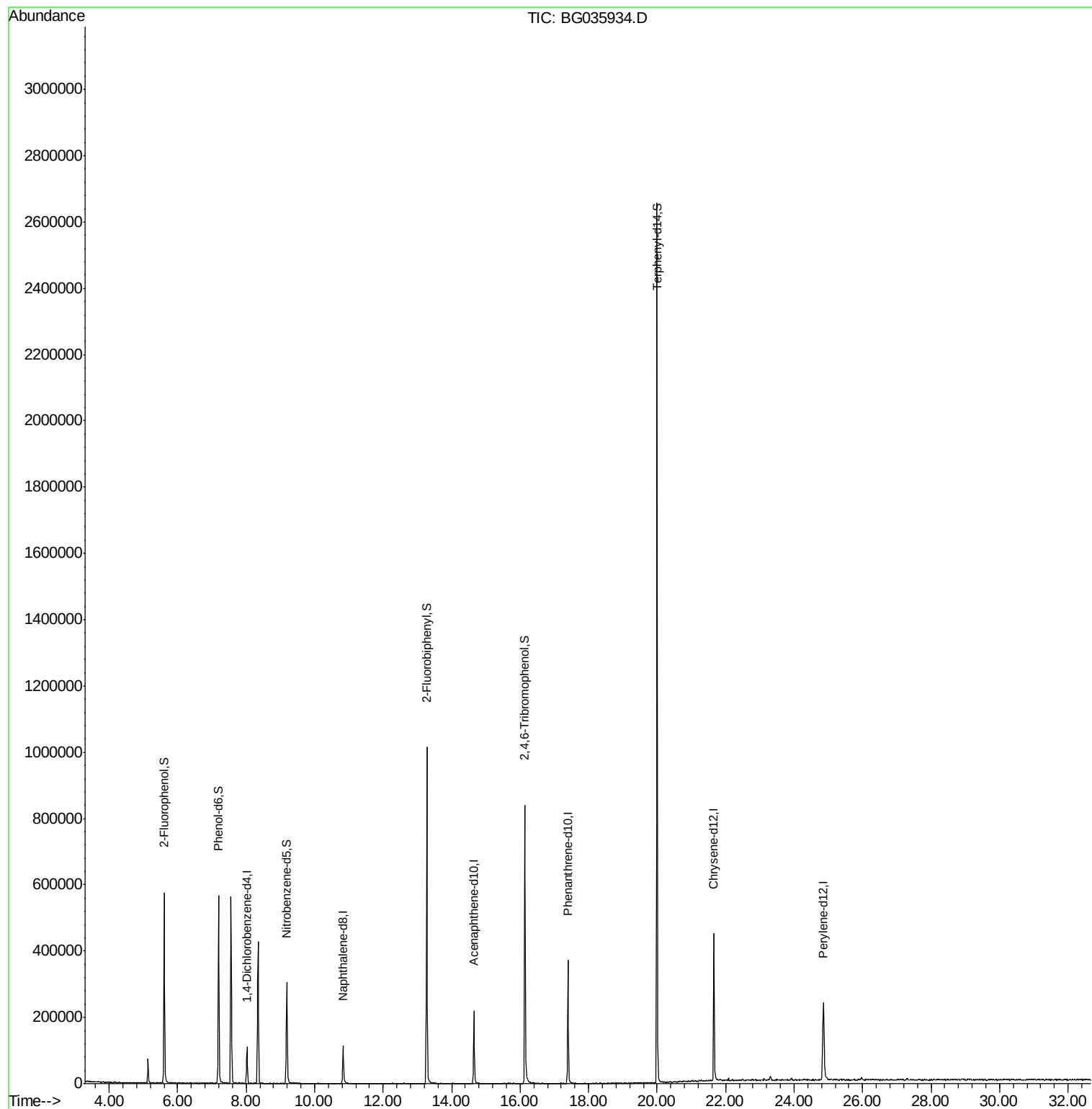
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	31157	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	112105	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	88677	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	269870	20.00	ng	0.00
75) Chrysene-d12	21.65	240	299882	20.00	ng	0.00
86) Perylene-d12	24.86	264	277220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	251646	134.09	ng	0.00
7) Phenol-d6	7.19	99	354218	126.51	ng	0.00
23) Nitrobenzene-d5	9.18	82	223200	83.17	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	166517	142.47	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	574588	86.81	ng	0.00
78) Terphenyl-d14	20.00	244	1293427	95.07	ng	0.00

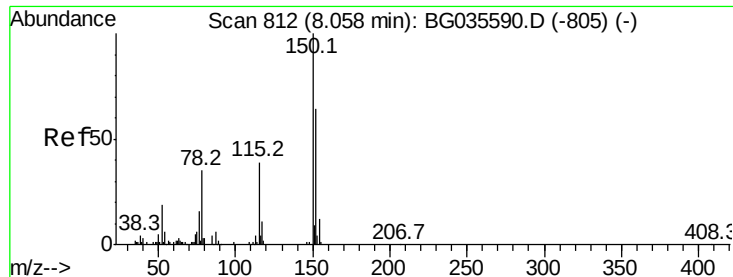
Target Compounds Qvalue

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

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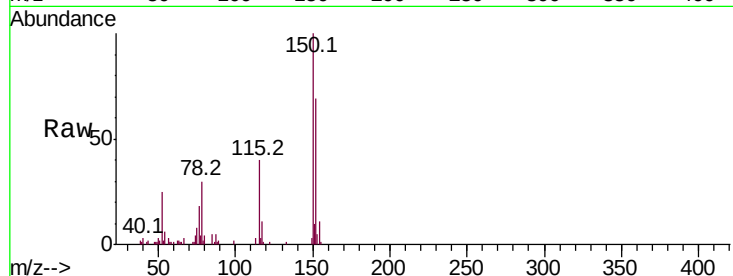




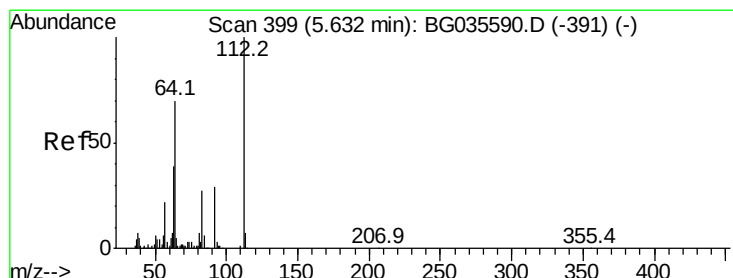
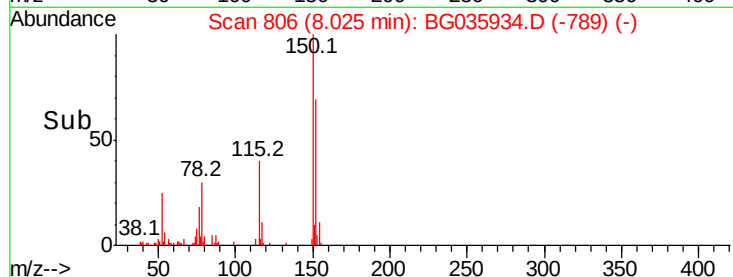
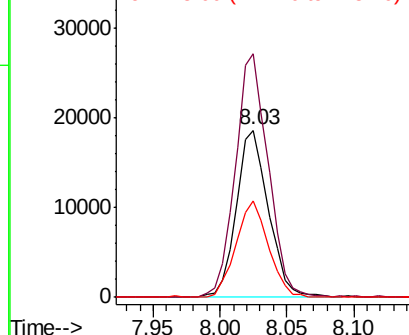
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035934.D
Acq: 27 Jul 2018 12:50

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	126.6	189.8
115	57.9	53.0	79.4



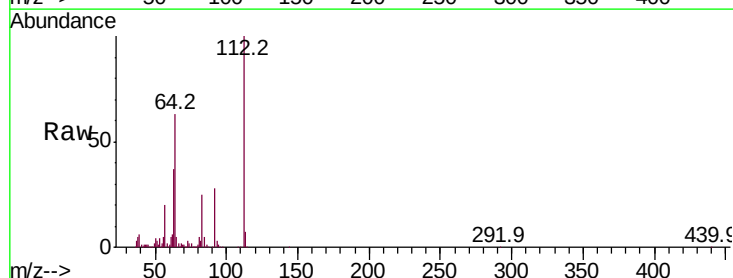
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



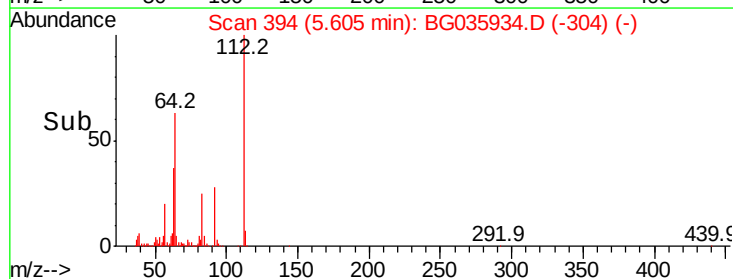
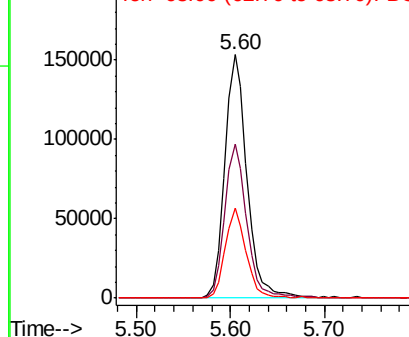
#5

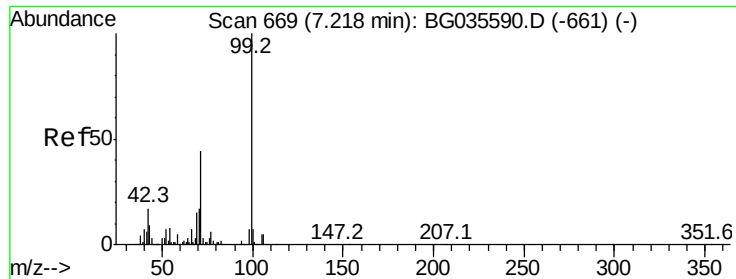
2-Fluorophenol
Concen: 134.092 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035934.D
Acq: 27 Jul 2018 12:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	56.3	84.5
63	36.8	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: 126.508 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035934.D

Acq: 27 Jul 2018 12:50

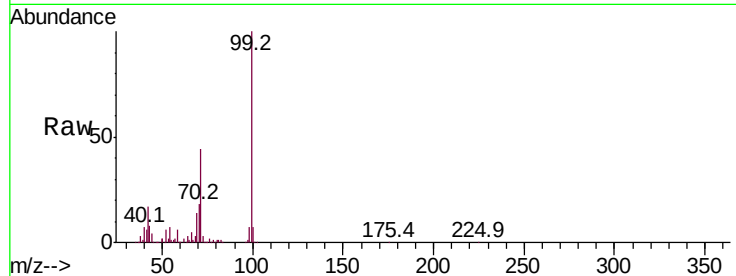
Tot Ion: 99 Resp: 354218

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

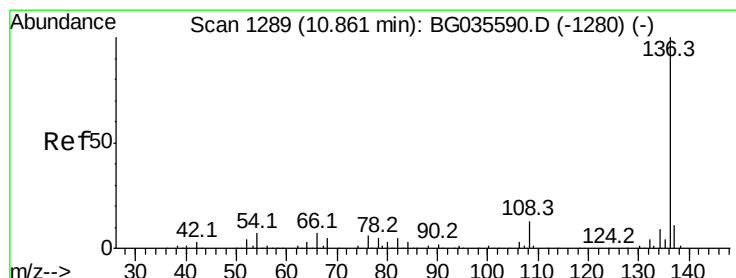
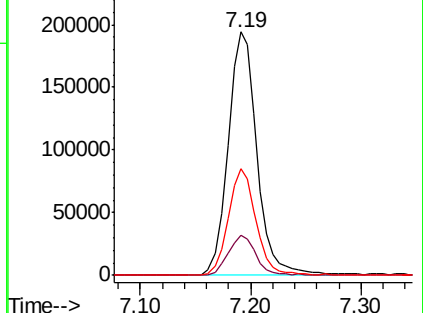
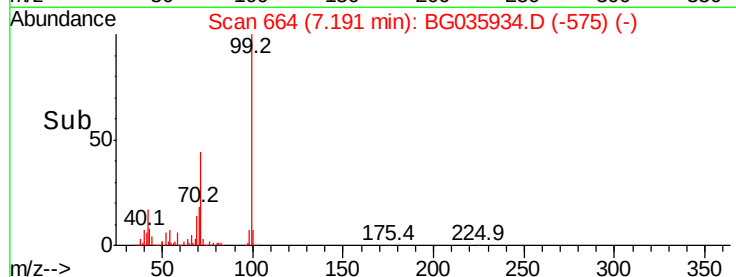
71 43.7 26.1 39.1#



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# 1283

Delta R.T. -0.01 min

Lab File: BG035934.D

Acq: 27 Jul 2018 12:50

Tgt Ion:136 Resp: 112105

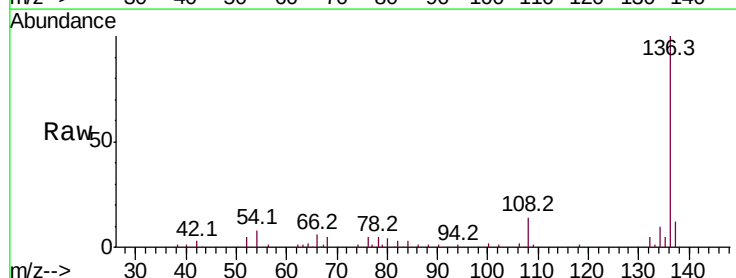
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 8.2 10.3 15.5#

68 4.8 4.5 6.7

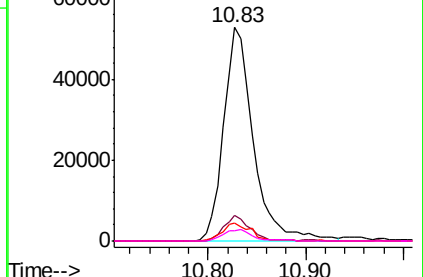
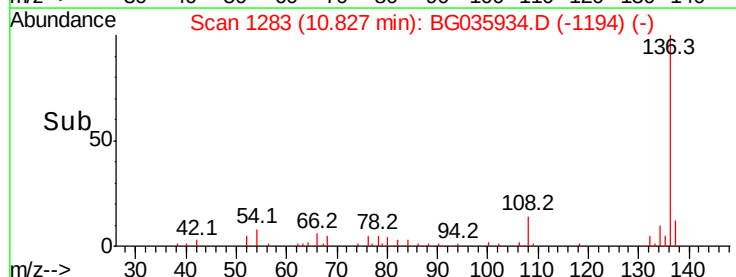


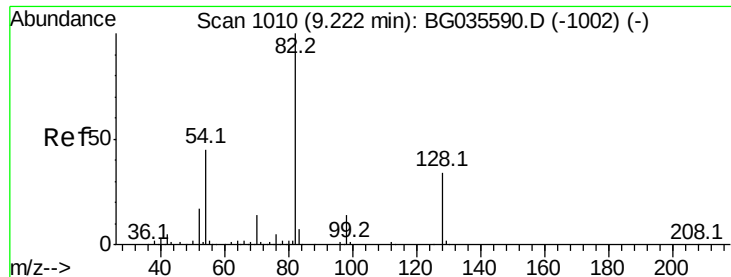
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 83.173 ng

RT: 9.18 min Scan# 1003

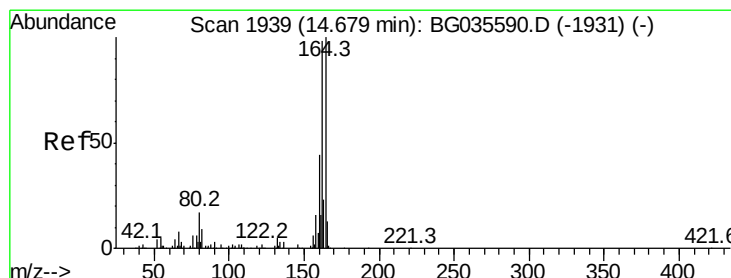
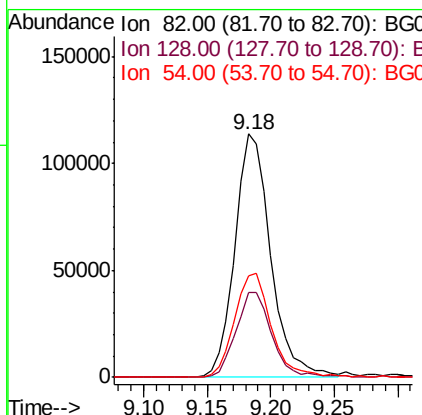
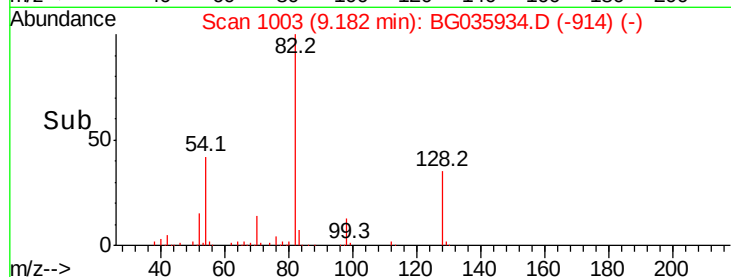
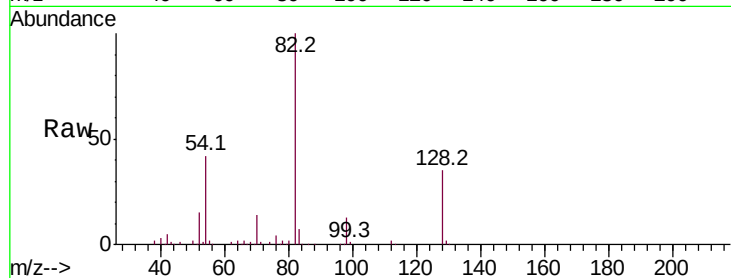
Delta R.T. -0.01 min

Lab File: BG035934.D

Acq: 27 Jul 2018 12:50

Tot Ion: 82 Resp: 223200

Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	41.7	43.1	64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

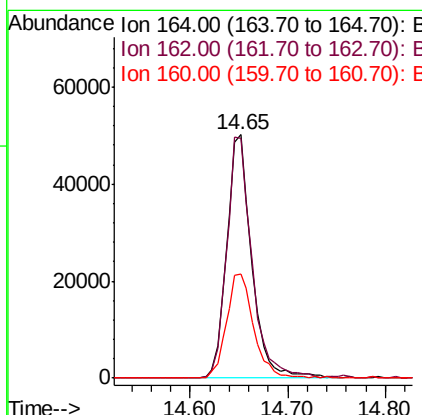
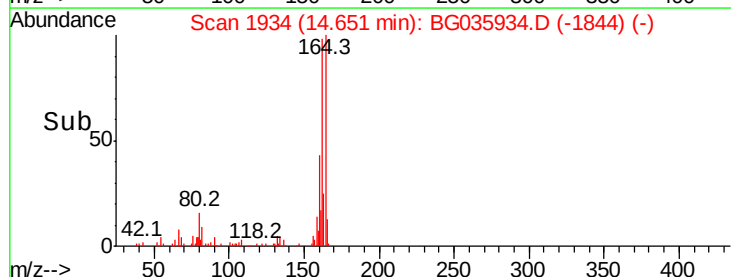
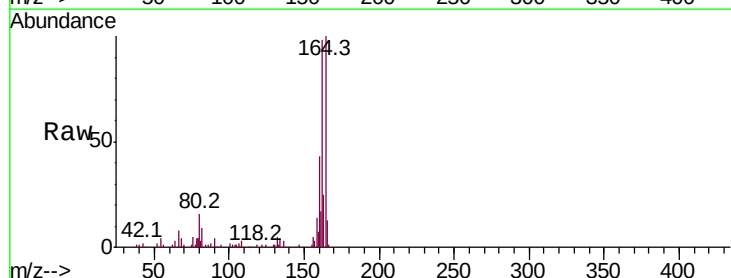
Delta R.T. 0.00 min

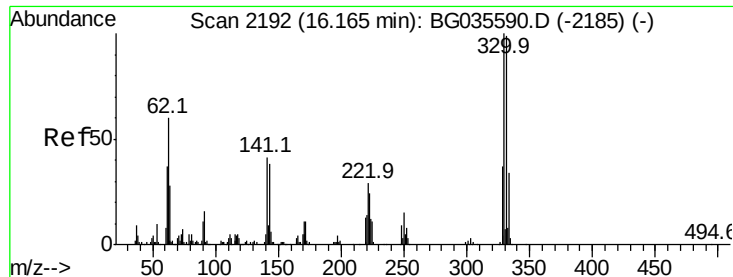
Lab File: BG035934.D

Acq: 27 Jul 2018 12:50

Tgt Ion: 164 Resp: 88677

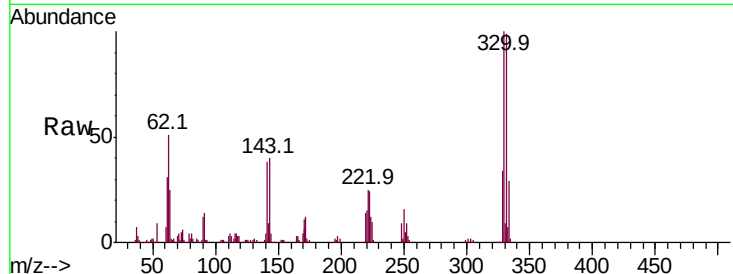
Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.8	118.2
160	42.9	35.4	53.0



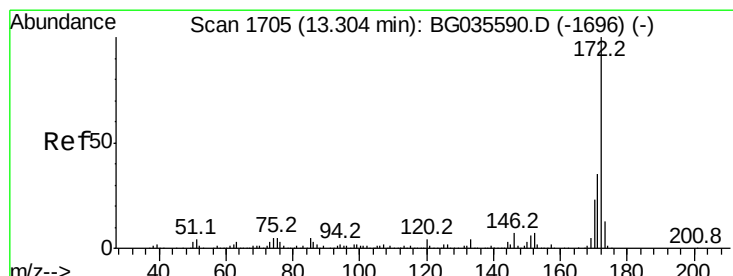
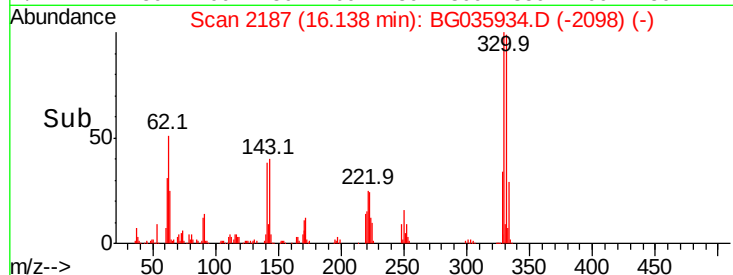
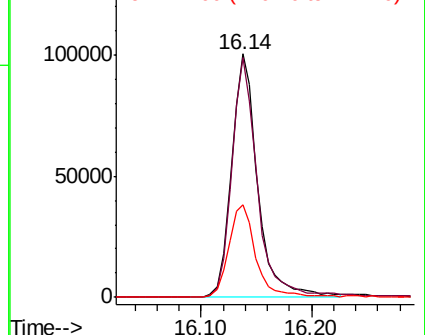


#41
2,4,6-Tribromophenol
Concen: 142.466 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035934.D
Acq: 27 Jul 2018 12:50

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	39.7	25.2	37.8#

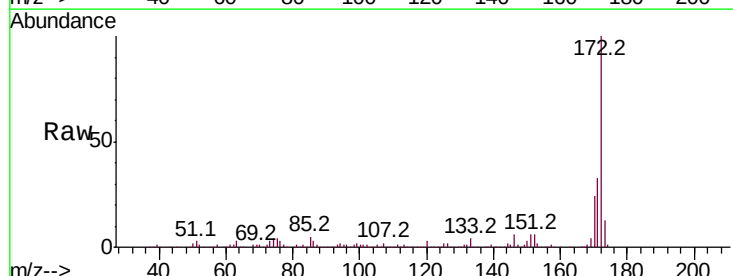


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

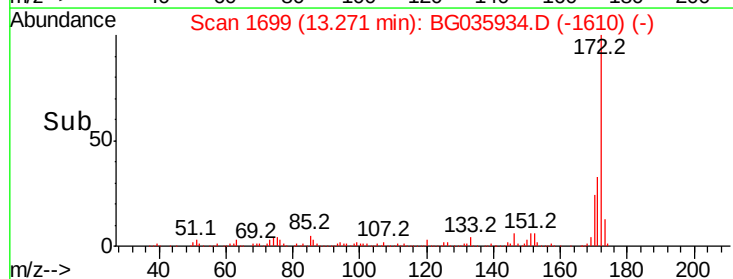
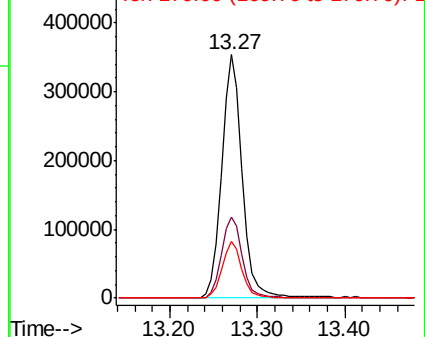


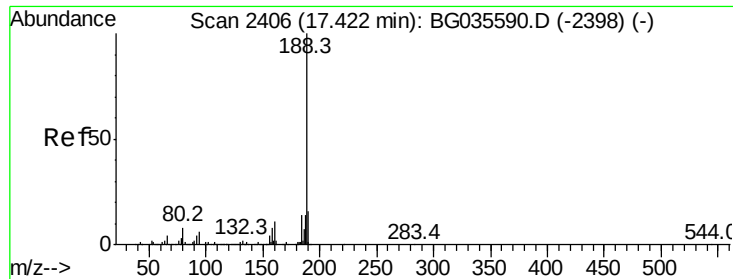
#44
2-Fluorobiphenyl
Concen: 86.809 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035934.D
Acq: 27 Jul 2018 12:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.3	30.0	45.0
170	23.5	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: BG035934.D

Acq: 27 Jul 2018 12:50

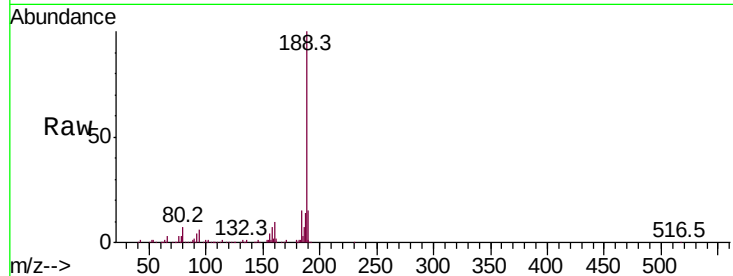
Tot Ion:188 Resp: 269870

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

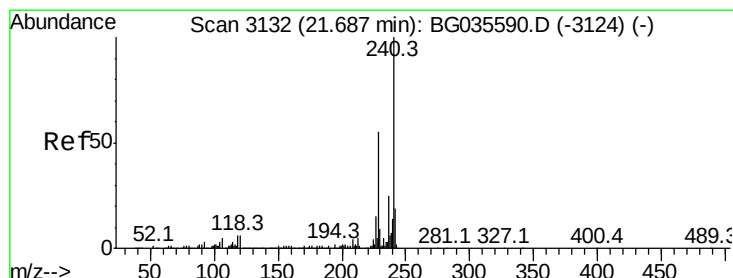
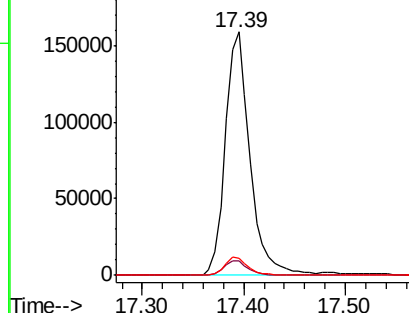
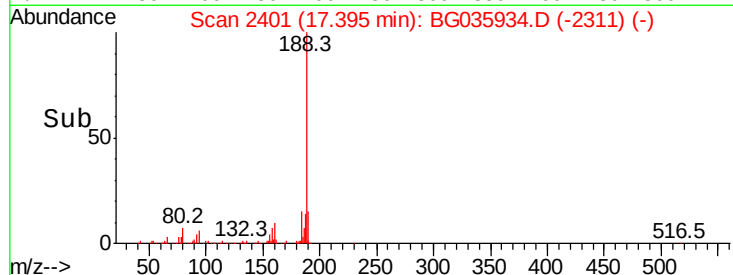
80 7.0 7.7 11.5#



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: BG035934.D

Acq: 27 Jul 2018 12:50

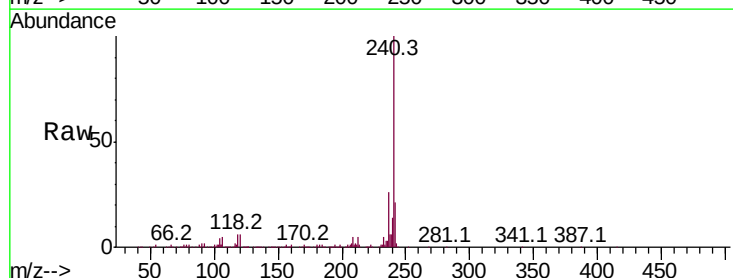
Tgt Ion:240 Resp: 299882

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

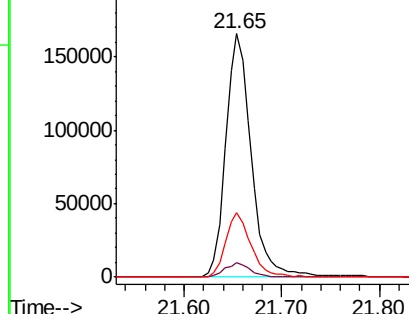
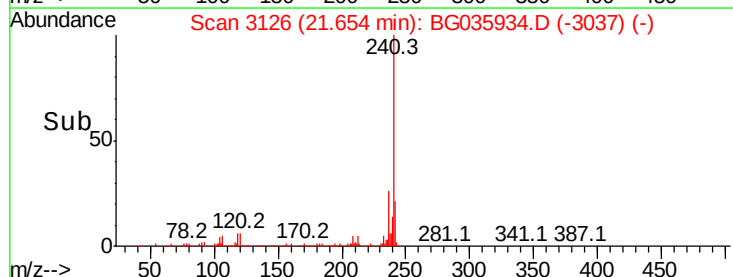
236 26.3 20.9 31.3

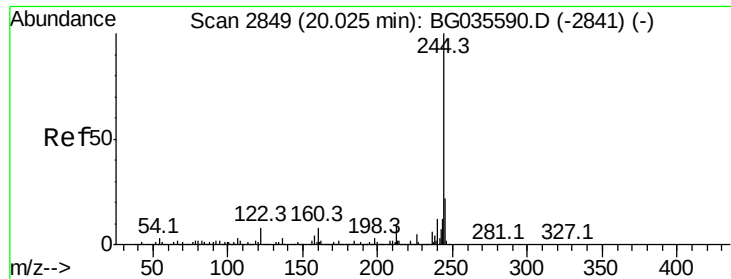


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.074 ng

RT: 20.00 min Scan# 2844

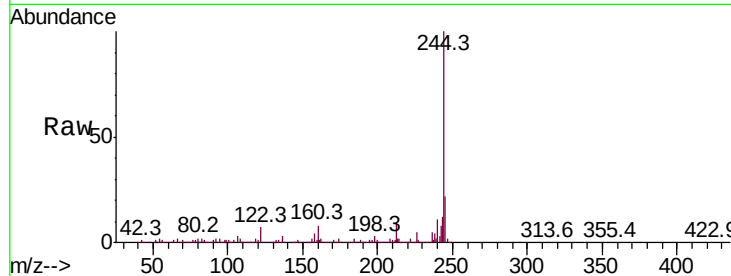
Delta R.T. -0.01 min

Lab File: BG035934.D

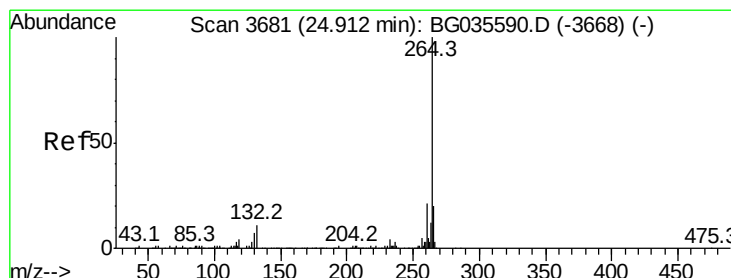
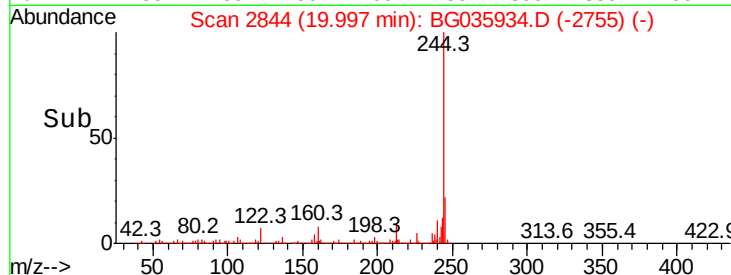
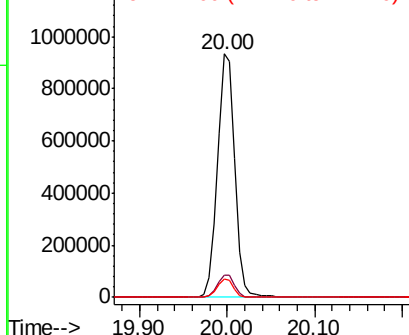
Acq: 27 Jul 2018 12:50

Tot Ion:244 Resp: 1293427

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	7.4	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

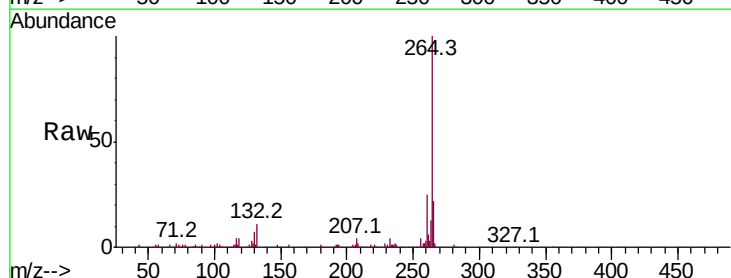
Delta R.T. -0.01 min

Lab File: BG035934.D

Acq: 27 Jul 2018 12:50

Tgt Ion:264 Resp: 277220

Ion	Ratio	Lower	Upper
264	100		
260	25.3	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

