

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035963.D
 Acq On : 28 Jul 2018 8:22
 Operator : JU/SJ
 Sample : J4189-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 30 00:55:14 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

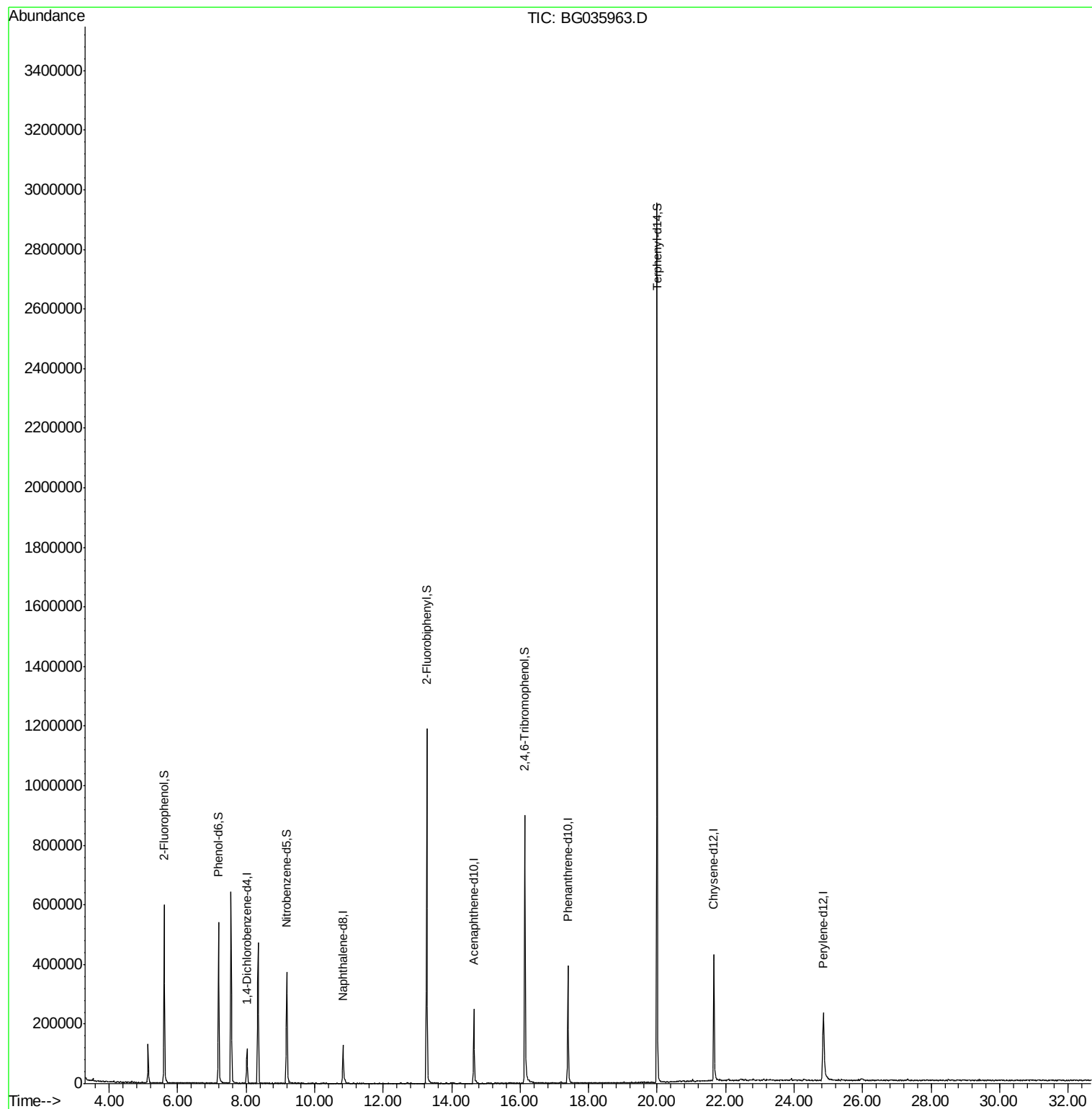
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33222	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	119624	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	94599	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	282094	20.00	ng	0.00
75) Chrysene-d12	21.65	240	317735	20.00	ng	0.00
86) Perylene-d12	24.85	264	292997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	256889	128.38	ng	0.00
7) Phenol-d6	7.19	99	340505	114.05	ng	0.00
23) Nitrobenzene-d5	9.19	82	276886	96.69	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	192858	154.67	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	664693	94.14	ng	0.00
78) Terphenyl-d14	20.00	244	1443785	100.16	ng	0.00

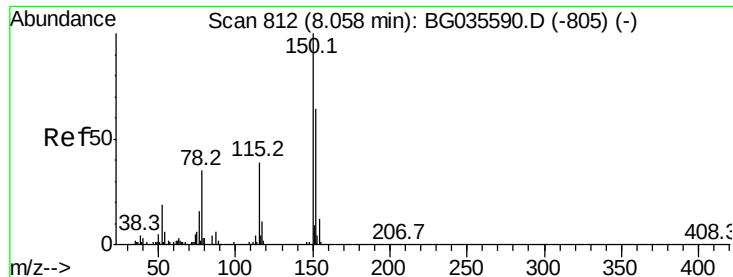
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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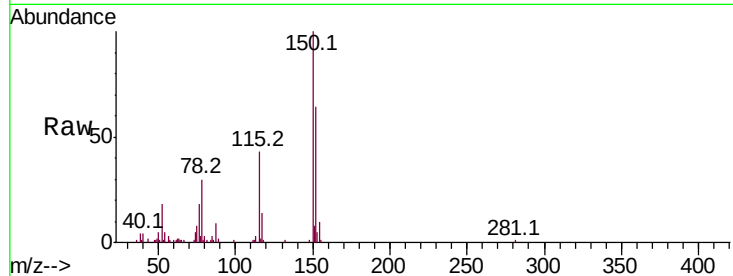




#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BG035963.D
 Acq: 28 Jul 2018 8:22

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	66.9	53.0	79.4

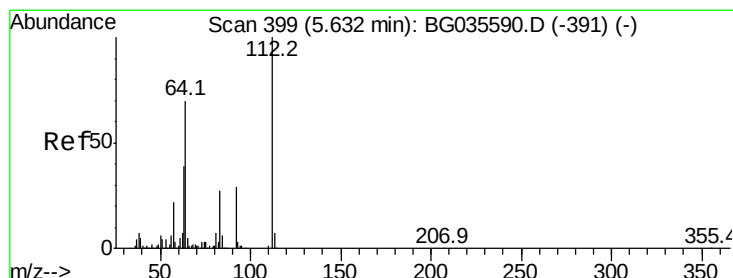
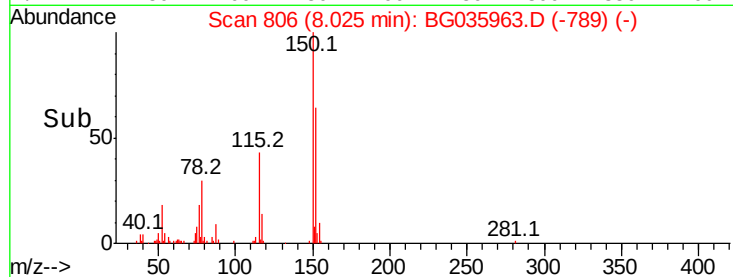
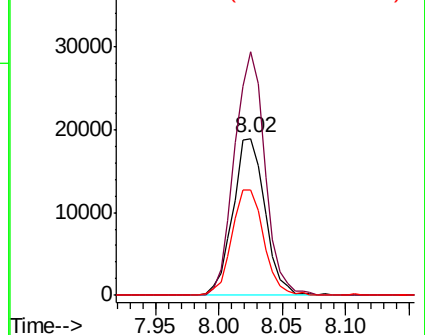


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

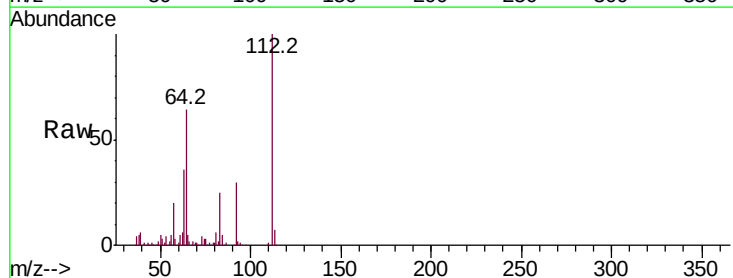
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 128.378 ng
 RT: 5.60 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: BG035963.D
 Acq: 28 Jul 2018 8:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	56.3	84.5
63	36.0	30.1	45.1

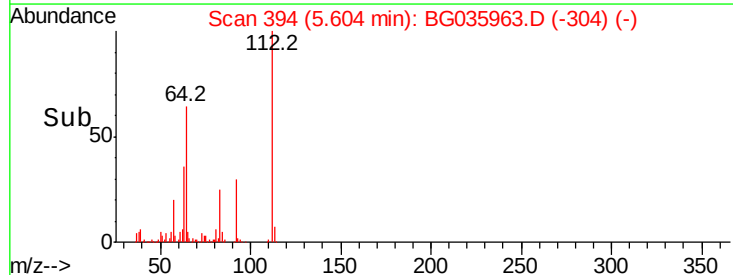
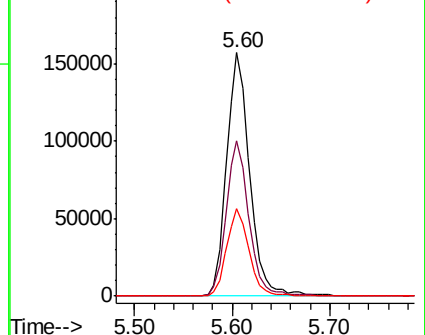


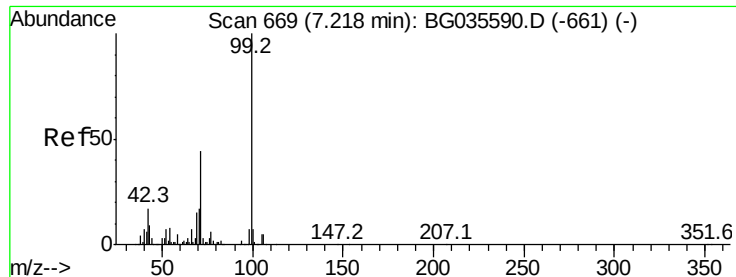
Abundance

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: 114.052 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

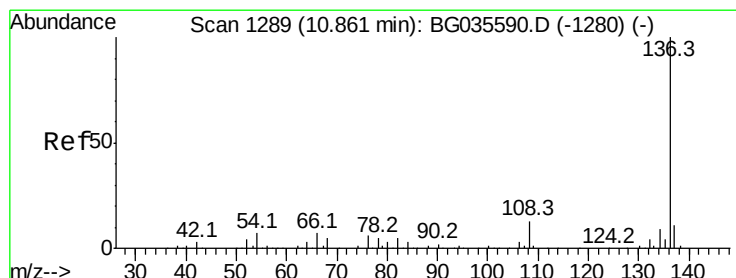
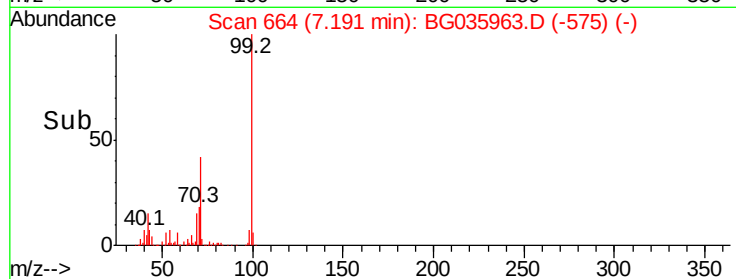
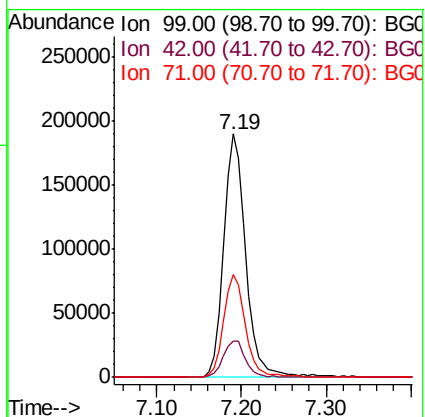
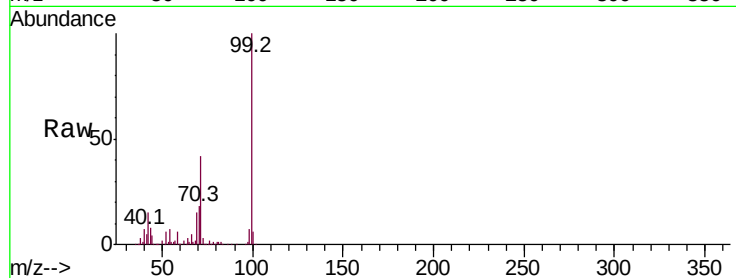
Lab File: BG035963.D

Acq: 28 Jul 2018 8:22

Tot Ion: 99 Resp: 340505

Ion Ratio Lower Upper

99	100		
42	15.0	14.1	21.1
71	42.0	26.1	39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

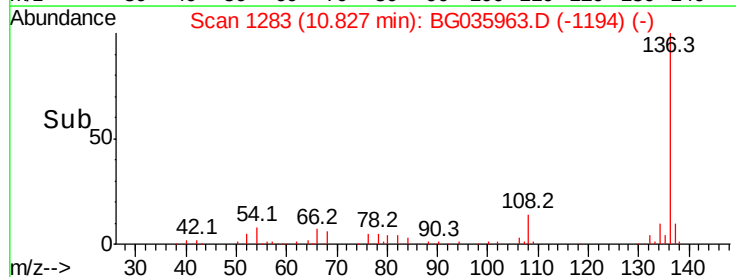
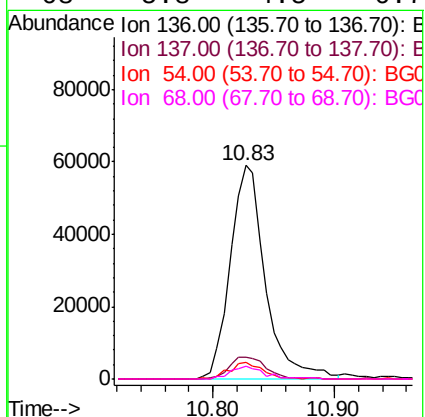
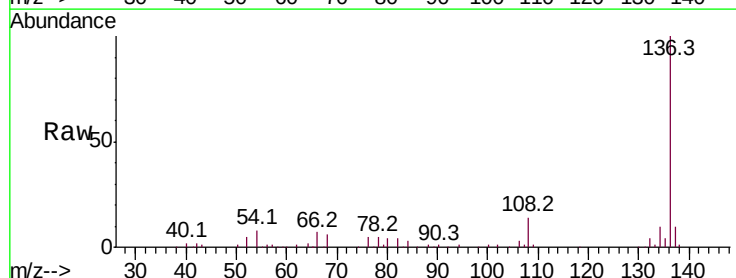
Lab File: BG035963.D

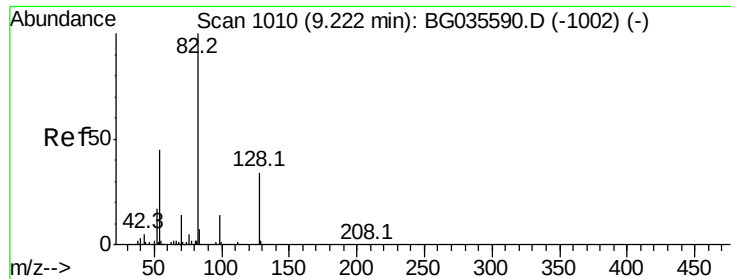
Acq: 28 Jul 2018 8:22

Tgt Ion: 136 Resp: 119624

Ion Ratio Lower Upper

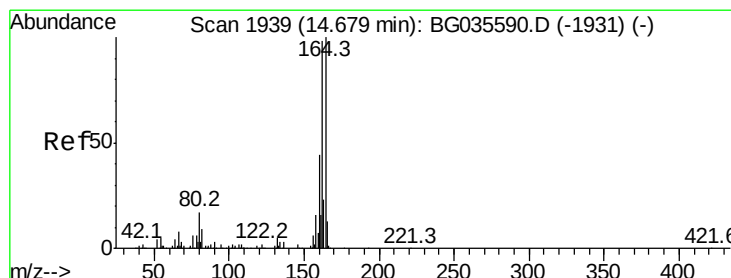
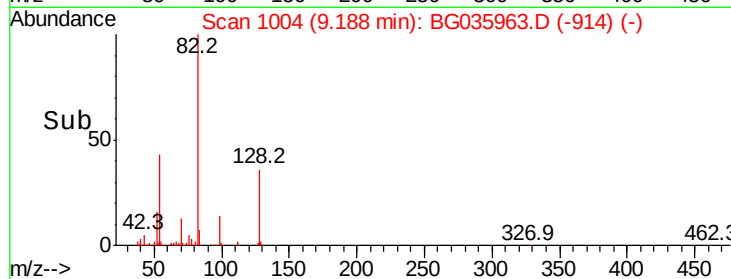
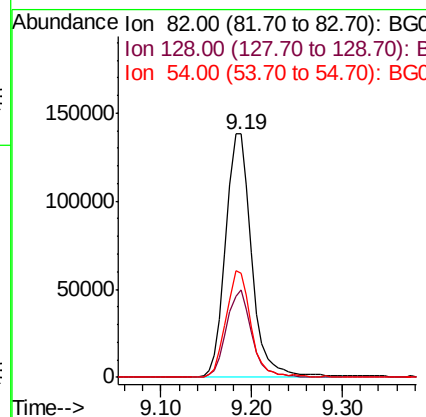
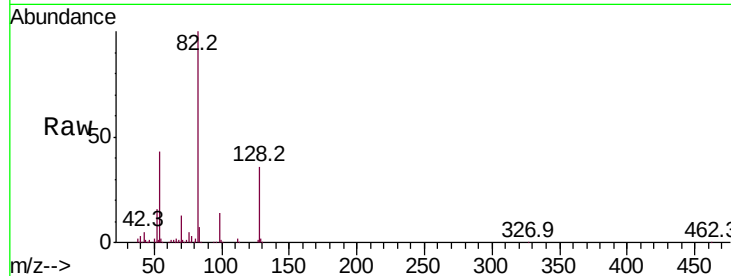
136	100		
137	10.3	9.2	13.8
54	7.7	10.3	15.5#
68	5.8	4.5	6.7





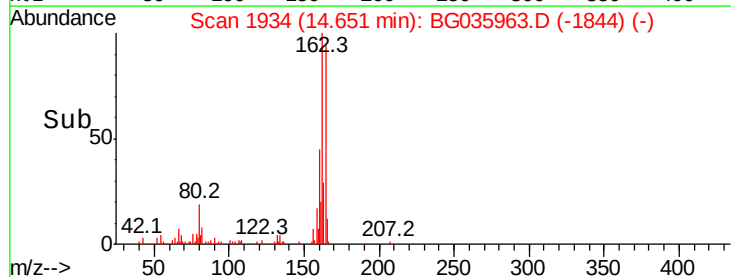
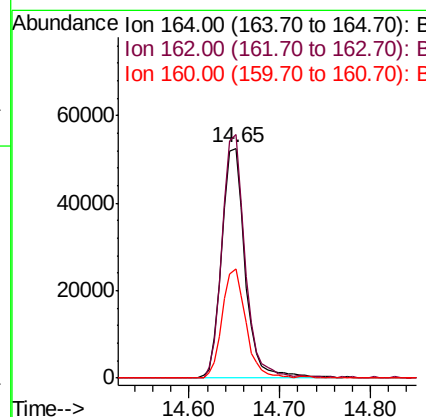
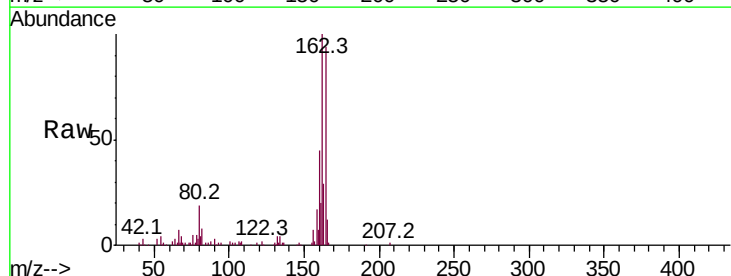
#23
 Nitrobenzene-d5
 Concen: 96.693 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BG035963.D
 Acq: 28 Jul 2018 8:22

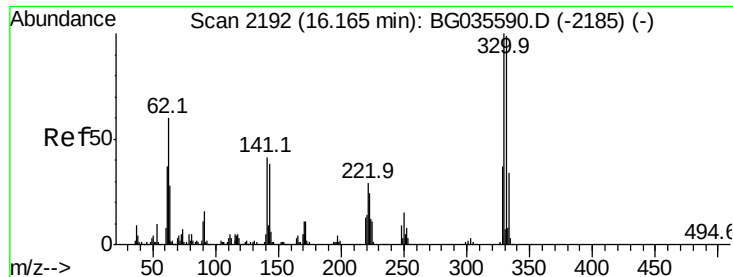
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.7	44.5
54	42.6	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BG035963.D
 Acq: 28 Jul 2018 8:22

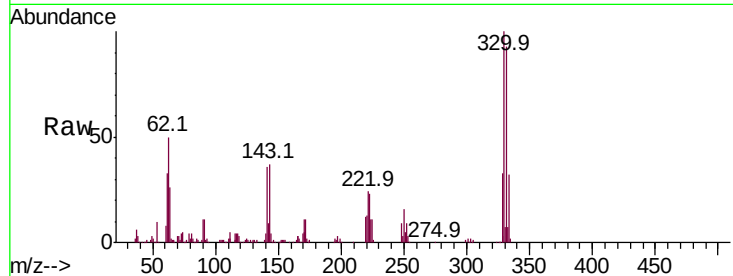
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	78.8	118.2
160	47.7	35.4	53.0





#41
2,4,6-Tribromophenol
Concen: 154.673 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035963.D
Acq: 28 Jul 2018 8:22

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.5	77.0	115.6
141	38.3	25.2	37.8#

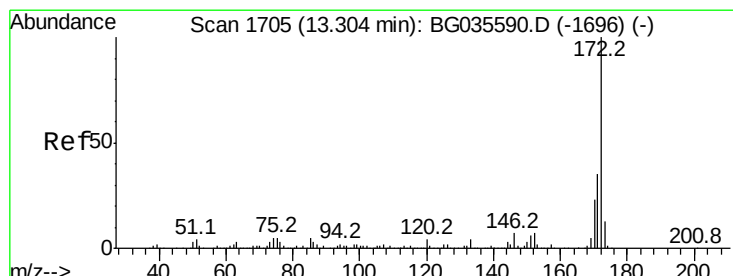
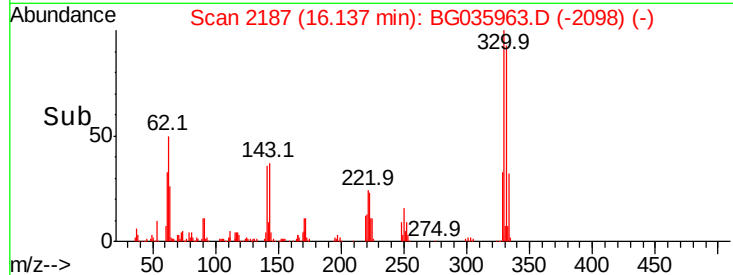
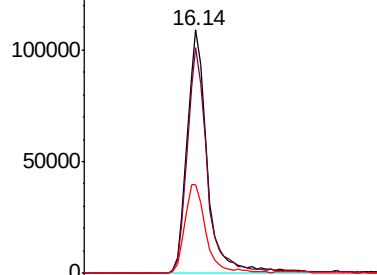


Abundance

Ion 329.80 (329.50 to 330.50): E

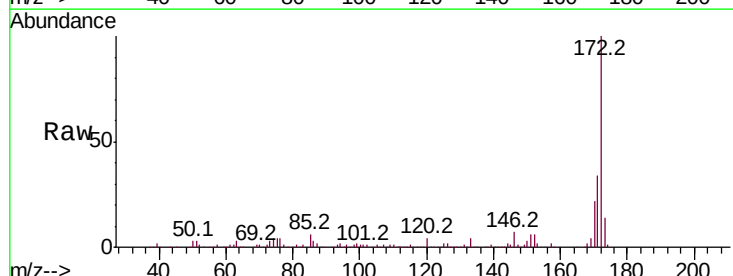
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 94.136 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035963.D
Acq: 28 Jul 2018 8:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	21.9	19.5	29.3

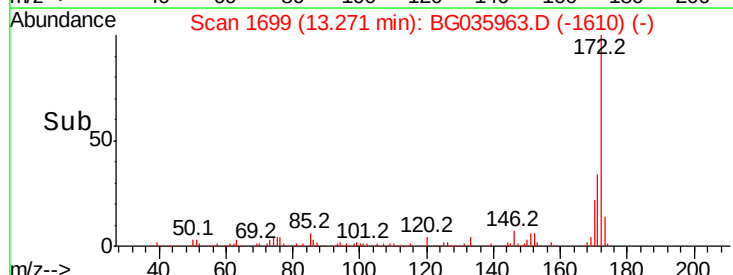
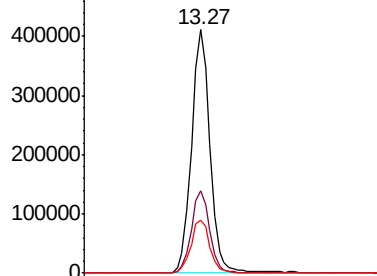


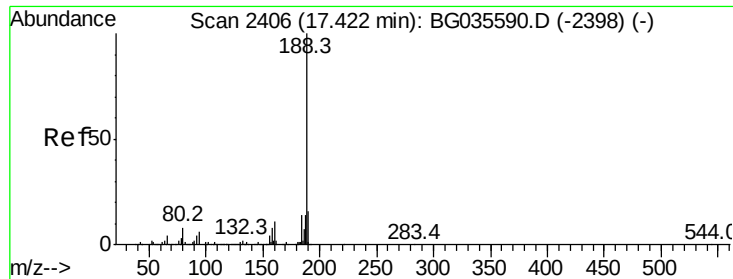
Abundance

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: BG035963.D

Acq: 28 Jul 2018 8:22

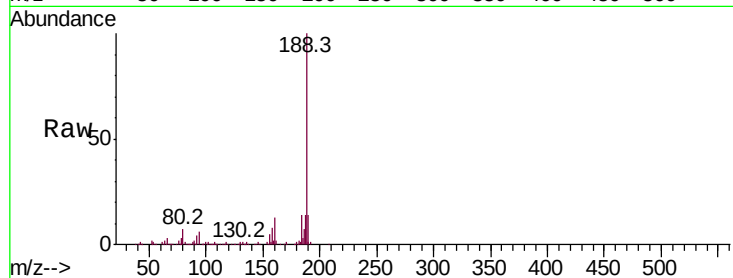
Tot Ion:188 Resp: 282094

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

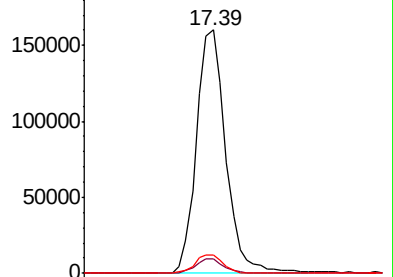
80 7.5 7.7 11.5#



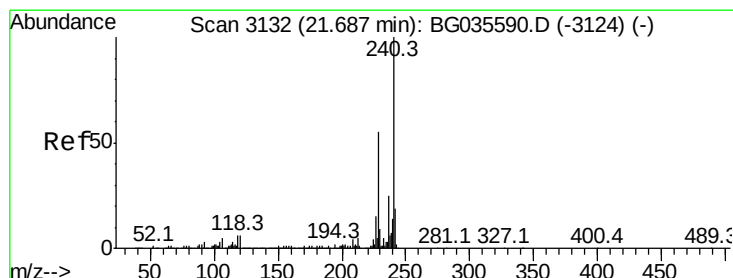
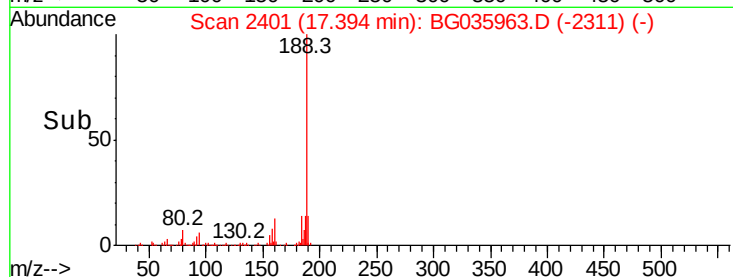
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.30 17.40 17.50



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035963.D

Acq: 28 Jul 2018 8:22

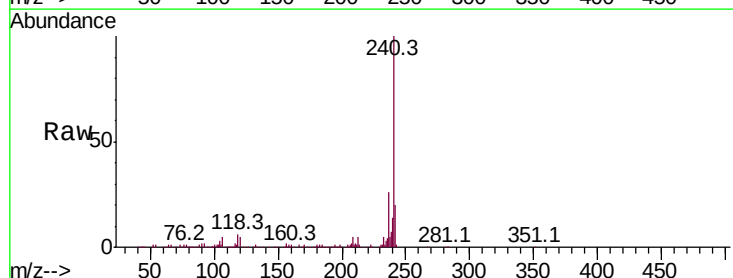
Tgt Ion:240 Resp: 317735

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

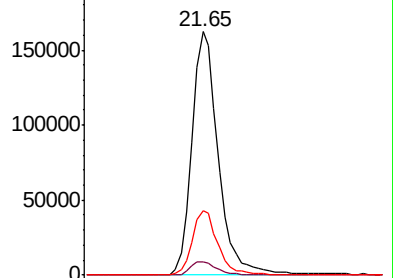
236 26.5 20.9 31.3



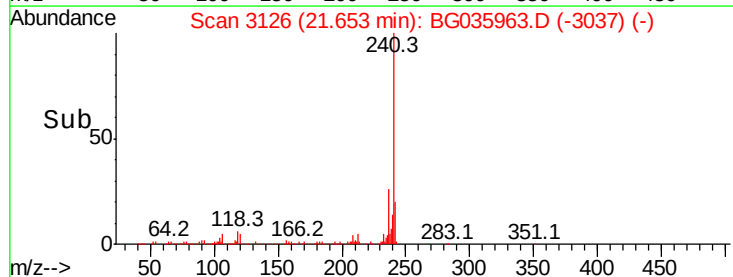
Abundance Ion 240.00 (239.70 to 240.70): E

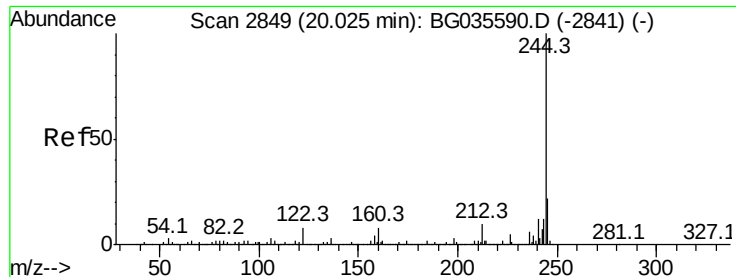
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80





#78

Terphenyl-d14

Concen: 100.163 ng

RT: 20.00 min Scan# 2844

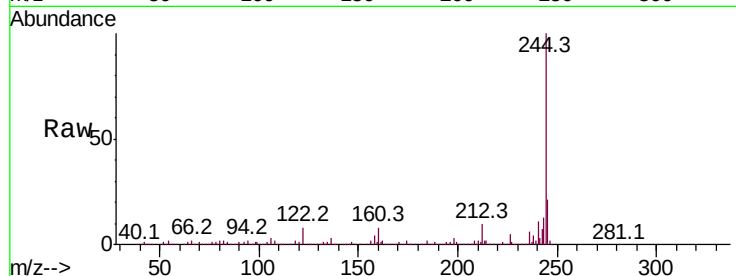
Delta R.T. -0.01 min

Lab File: BG035963.D

Acq: 28 Jul 2018 8:22

Tot Ion:244 Resp: 1443785

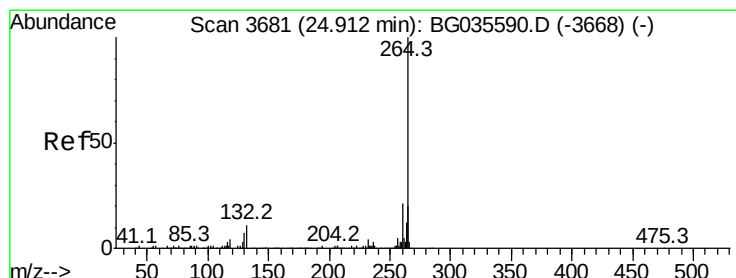
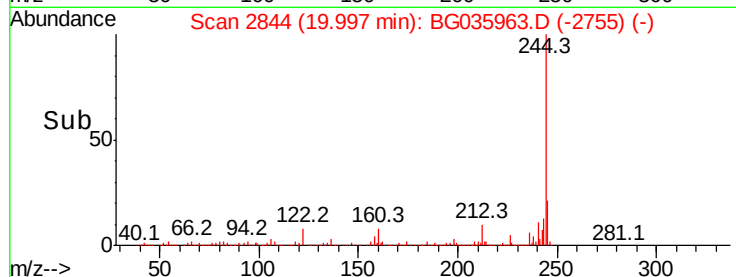
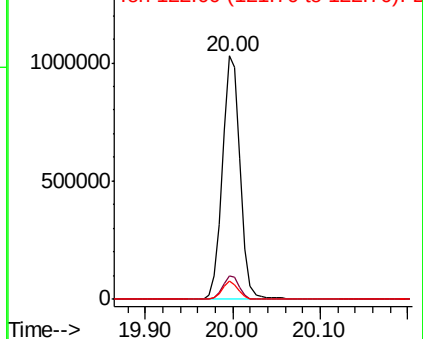
Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	7.5	7.0	10.4



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: 24.85 min Scan# 3671

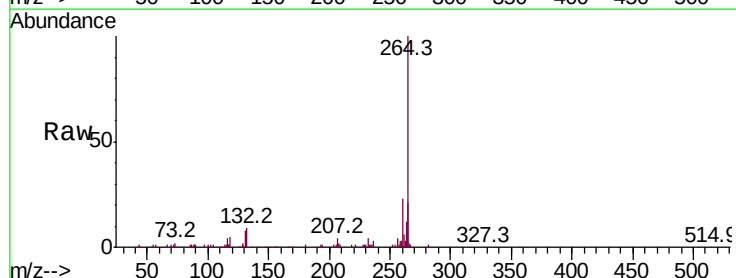
Delta R.T. -0.01 min

Lab File: BG035963.D

Acq: 28 Jul 2018 8:22

Tgt Ion:264 Resp: 292997

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.3	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

