

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035953.D
 Acq On : 28 Jul 2018 1:52
 Operator : JU/SJ
 Sample : J4152-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 28 06:43:46 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

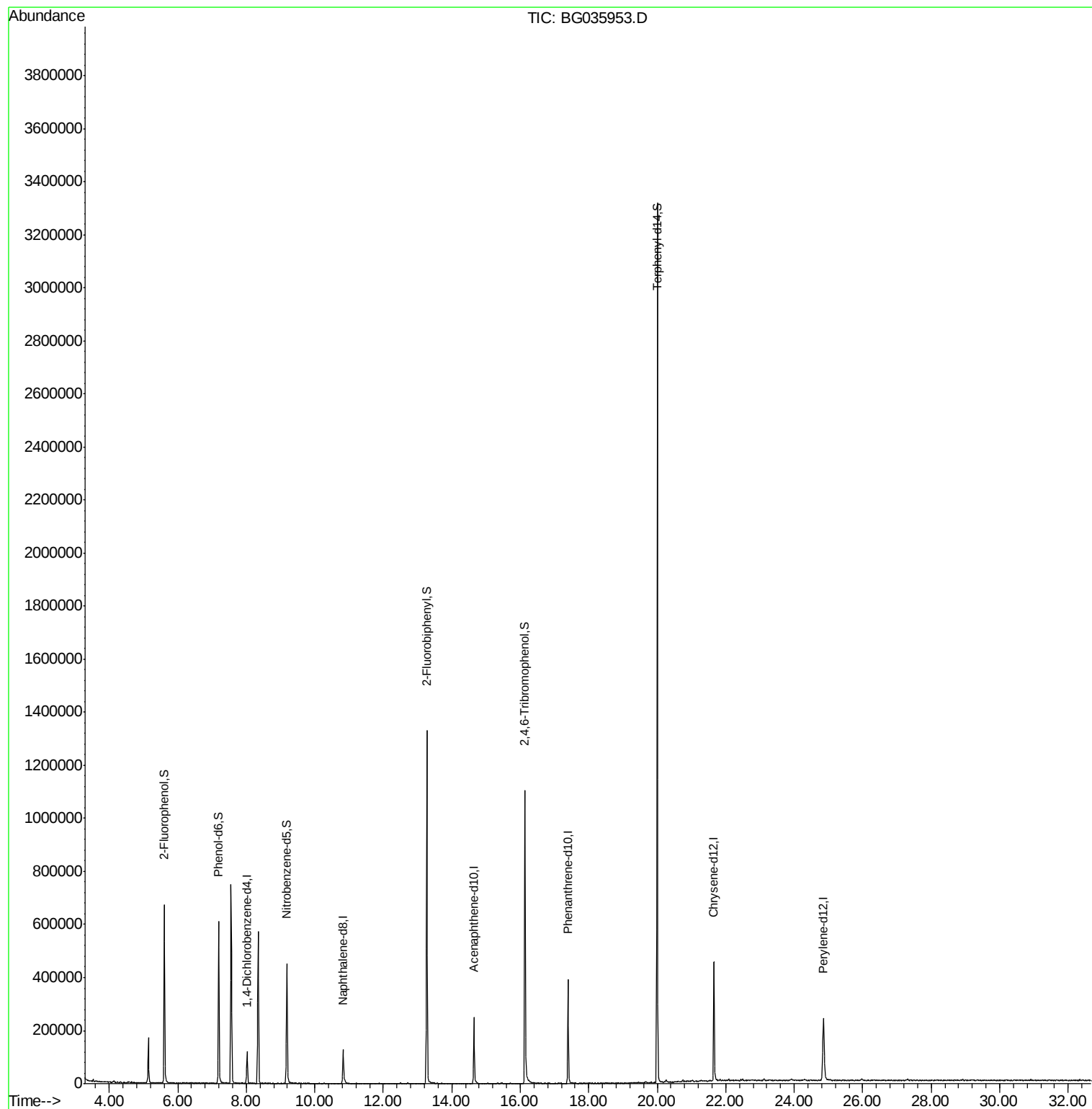
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34570	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	120127	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	93116	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	272672	20.00	ng	0.00
75) Chrysene-d12	21.66	240	309005	20.00	ng	0.00
86) Perylene-d12	24.85	264	285036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	297096	142.68	ng	0.00
7) Phenol-d6	7.19	99	376800	121.29	ng	0.00
23) Nitrobenzene-d5	9.19	82	316664	110.12	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	229586	187.06	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	760238	109.38	ng	0.00
78) Terphenyl-d14	20.00	244	1564332	111.59	ng	0.00

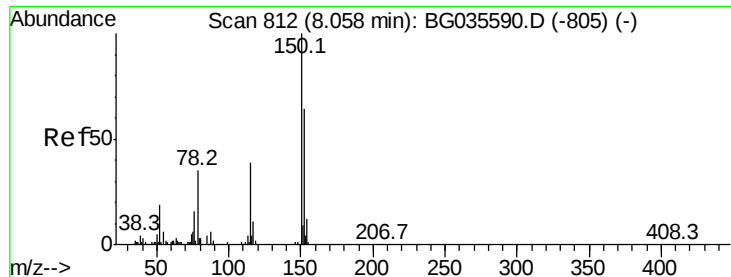
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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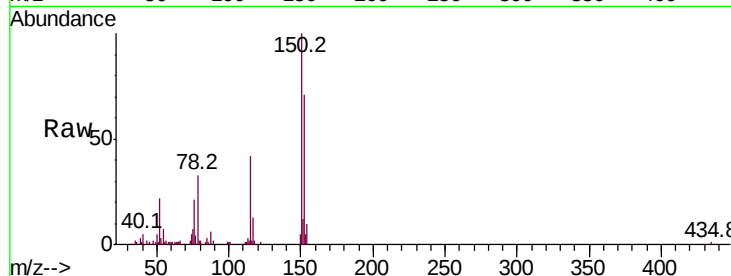




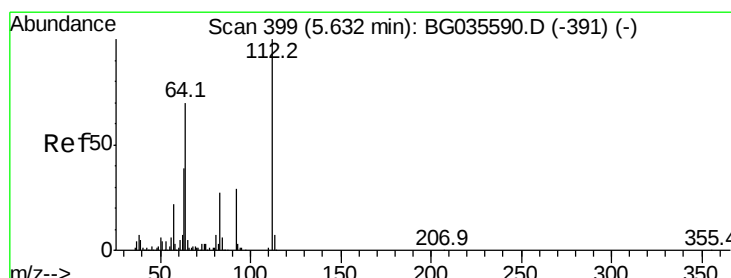
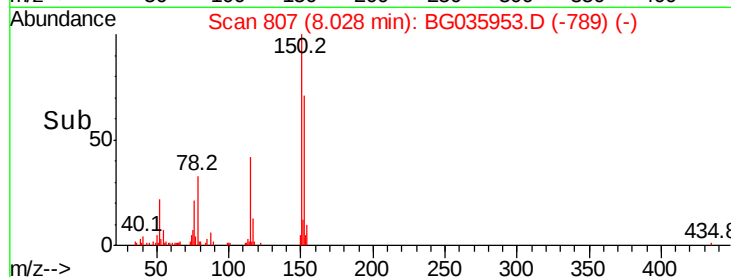
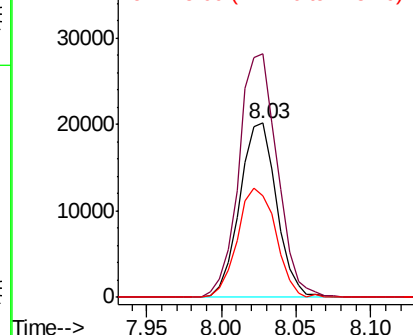
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035953.D
Acq: 28 Jul 2018 1:52

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.0	126.6	189.8
115	58.3	53.0	79.4



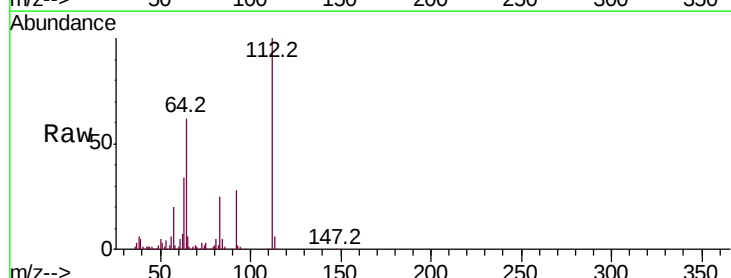
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



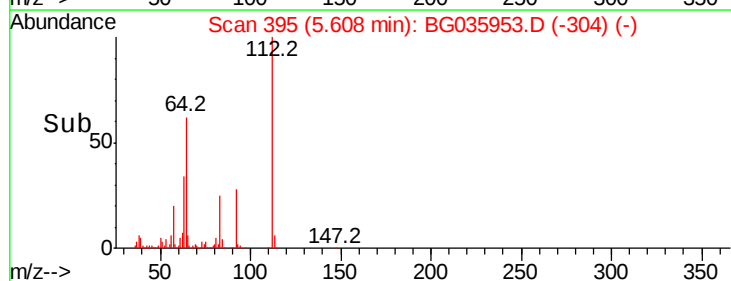
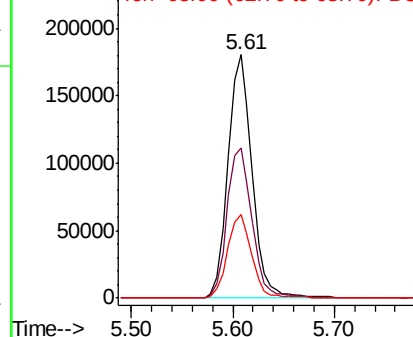
#5

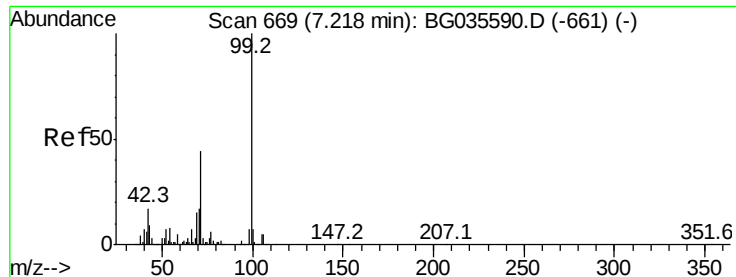
2-Fluorophenol
Concen: 142.681 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035953.D
Acq: 28 Jul 2018 1:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	56.3	84.5
63	34.2	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 121.287 ng

RT: 7.19 min Scan# 665

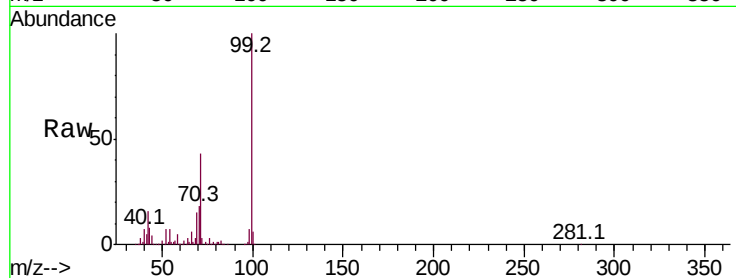
Delta R.T. -0.00 min

Lab File: BG035953.D

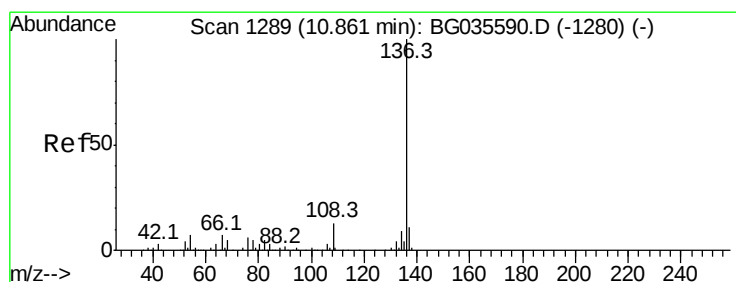
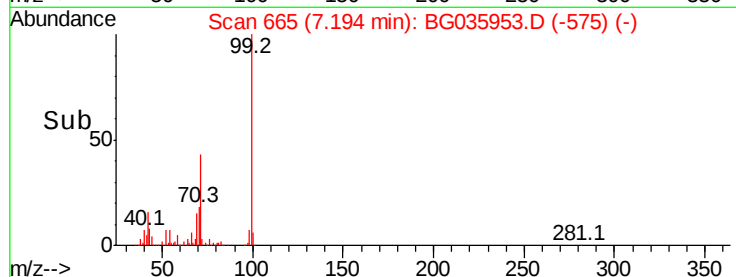
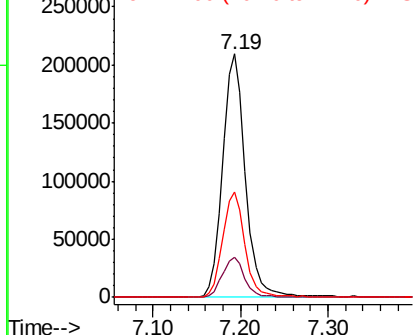
Acq: 28 Jul 2018 1:52

Tot Ion: 99 Resp: 376800

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.1	21.1
71	43.5	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# 1284

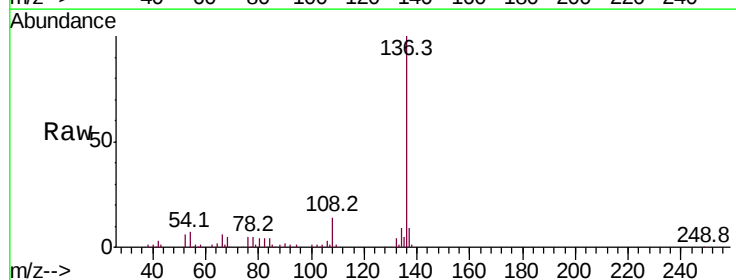
Delta R.T. -0.00 min

Lab File: BG035953.D

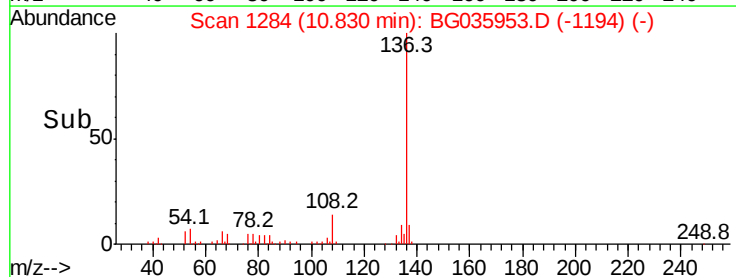
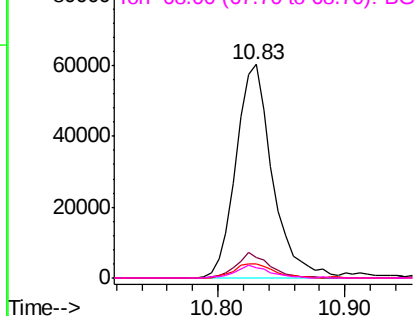
Acq: 28 Jul 2018 1:52

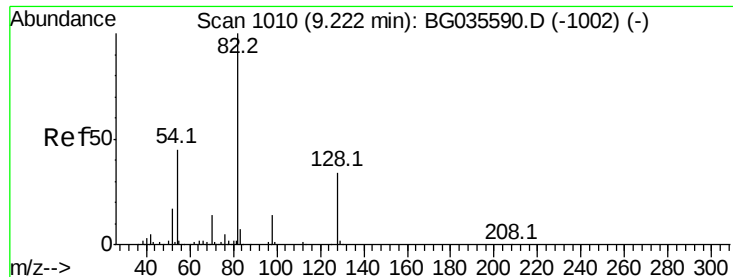
Tgt Ion: 136 Resp: 120127

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	6.7	10.3	15.5#
68	4.6	4.5	6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 110.121 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035953.D

Acq: 28 Jul 2018 1:52

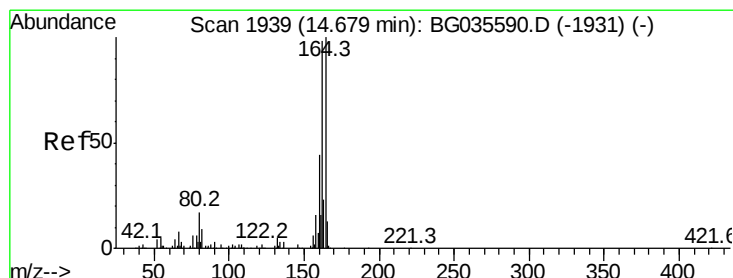
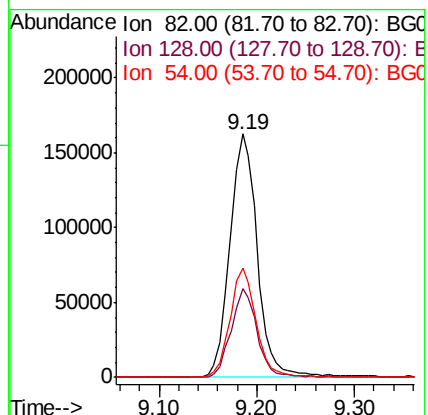
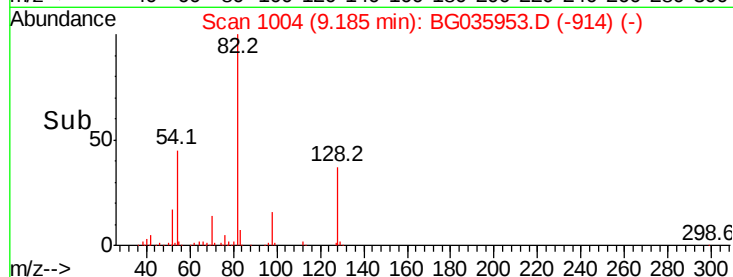
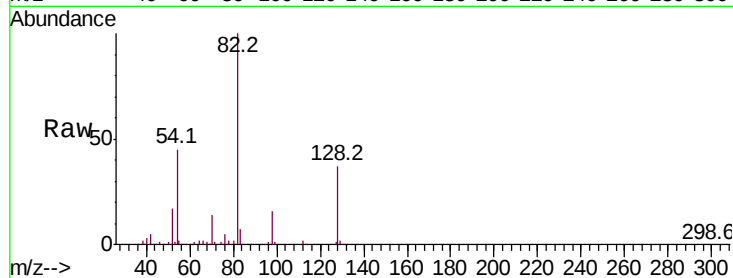
Tot Ion: 82 Resp: 316664

Ion Ratio Lower Upper

82 100

128 36.6 29.7 44.5

54 44.6 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: BG035953.D

Acq: 28 Jul 2018 1:52

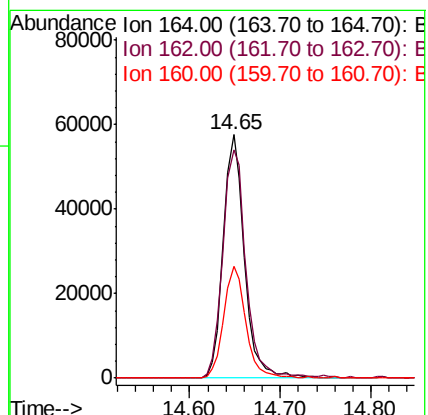
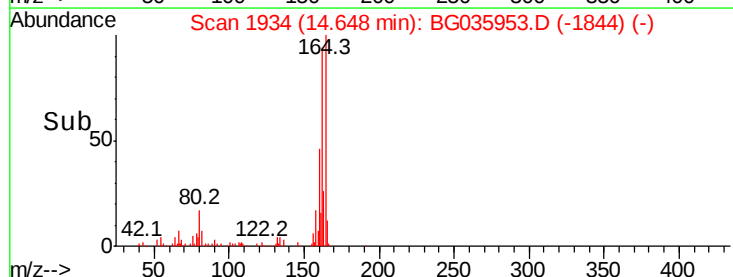
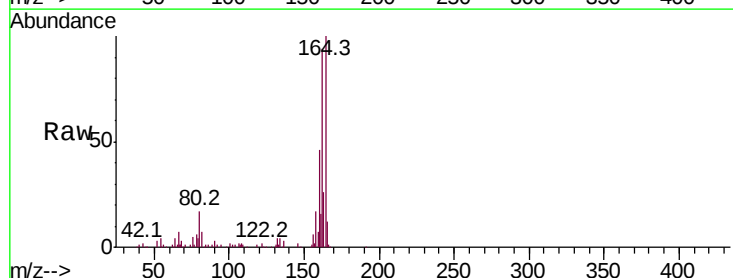
Tgt Ion: 164 Resp: 93116

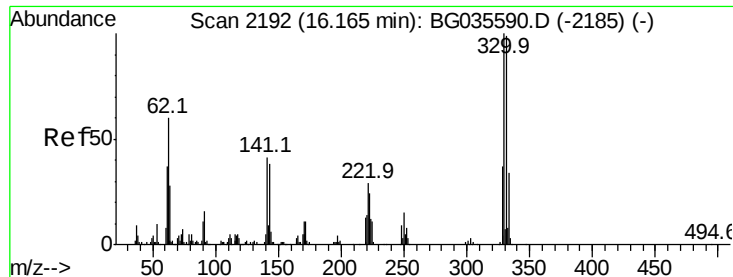
Ion Ratio Lower Upper

164 100

162 94.0 78.8 118.2

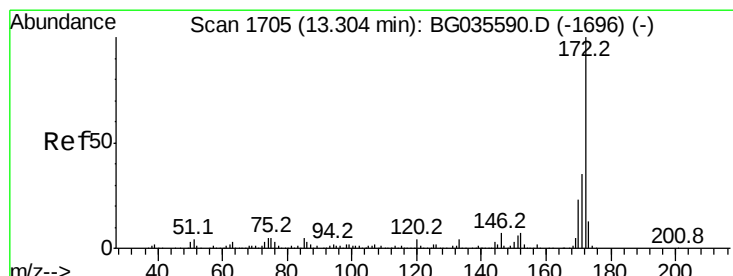
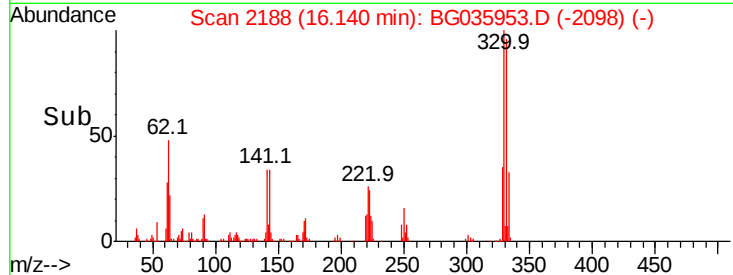
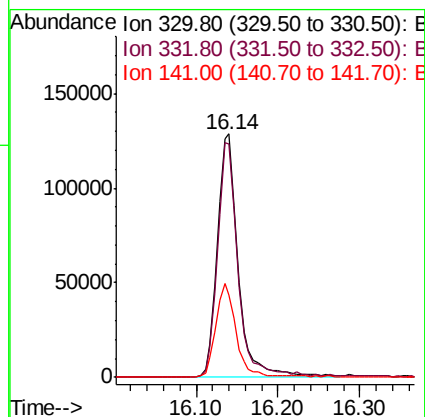
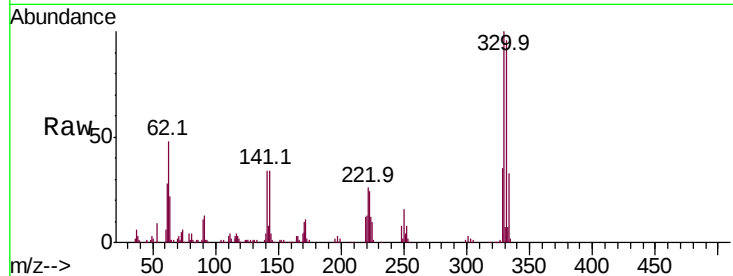
160 46.0 35.4 53.0





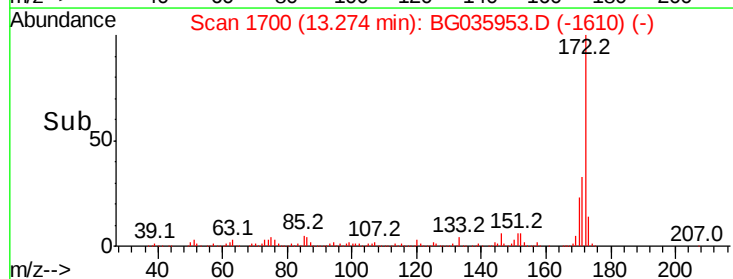
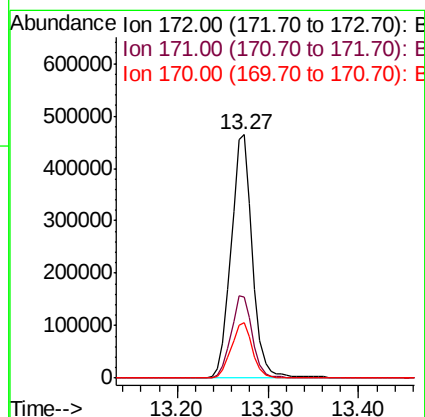
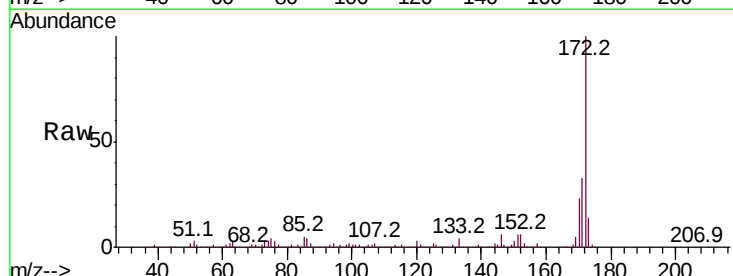
#41
 2,4,6-Tribromophenol
 Concen: 187.062 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035953.D
 Acq: 28 Jul 2018 1:52

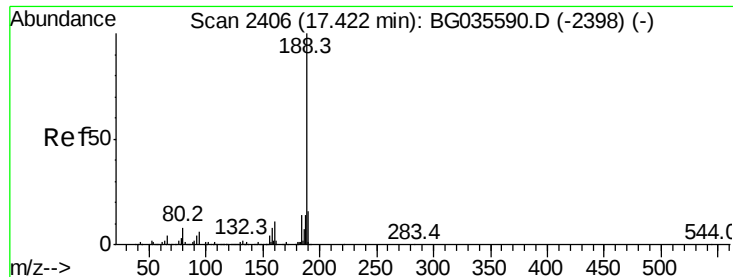
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	37.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 109.382 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035953.D
 Acq: 28 Jul 2018 1:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.0	30.0	45.0
170	22.6	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035953.D

Acq: 28 Jul 2018 1:52

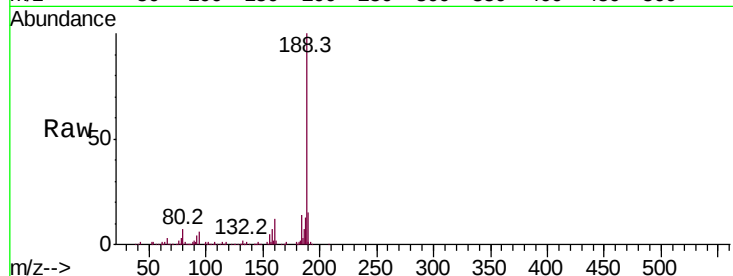
Tot Ion:188 Resp: 272672

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

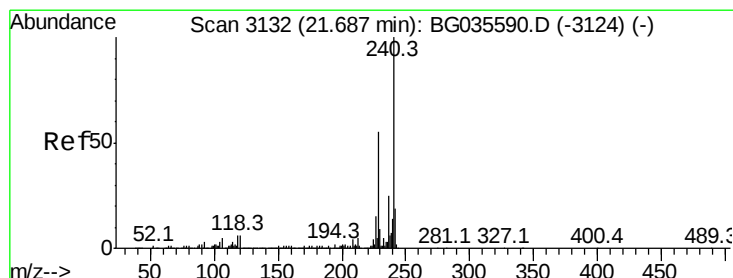
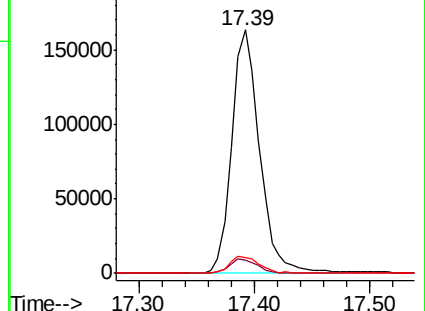
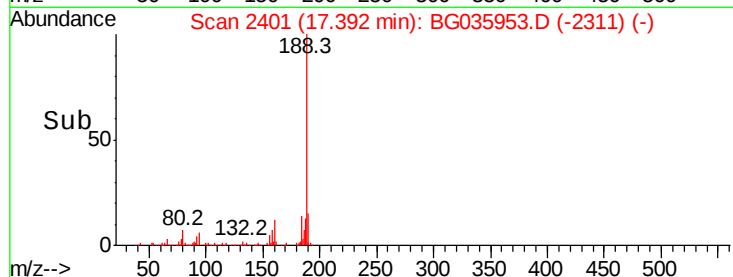
80 6.7 7.7 11.5#



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: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035953.D

Acq: 28 Jul 2018 1:52

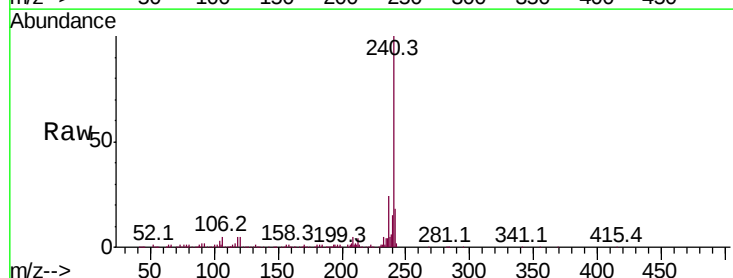
Tgt Ion:240 Resp: 309005

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

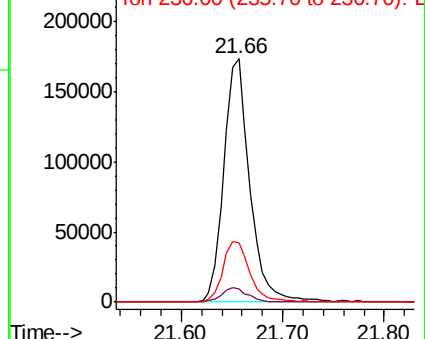
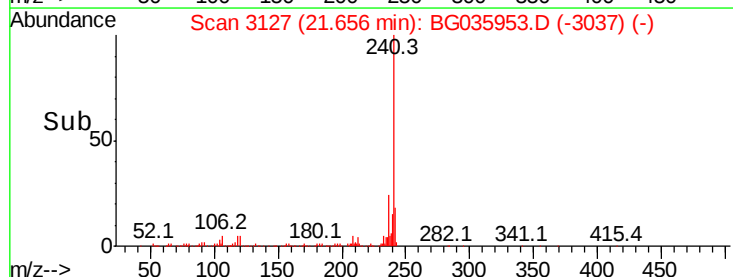
236 24.5 20.9 31.3

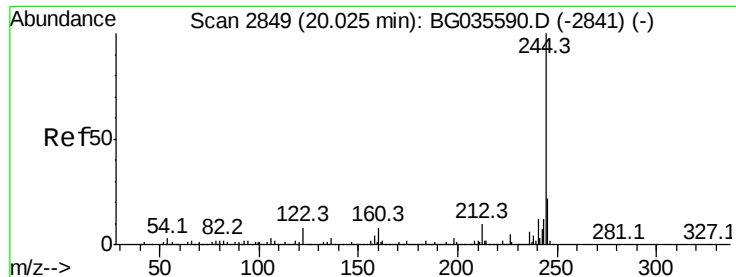


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 111.592 ng

RT: 20.00 min Scan# 2845

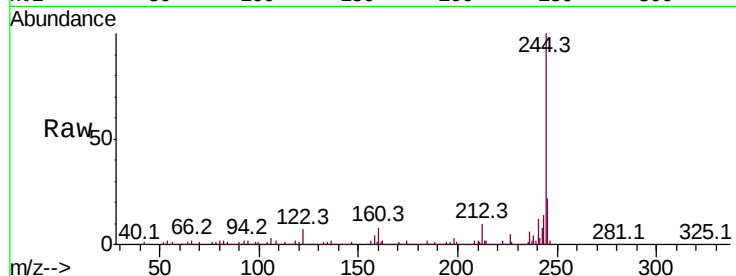
Delta R.T. -0.00 min

Lab File: BG035953.D

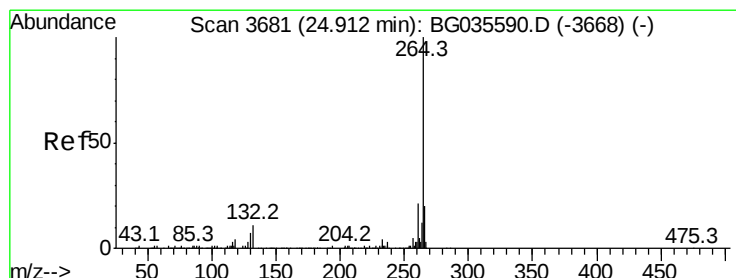
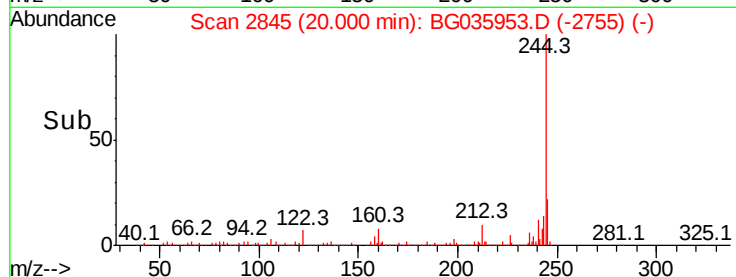
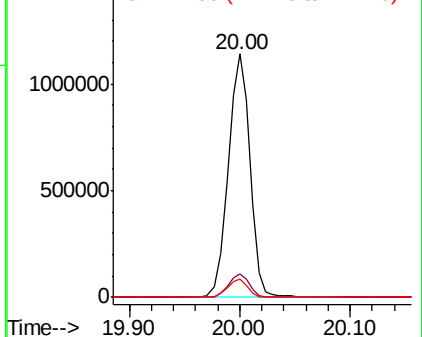
Acq: 28 Jul 2018 1:52

Tot Ion:244 Resp: 1564332

Ion	Ratio	Lower	Upper
244	100		
212	9.6	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: 24.85 min Scan# 3671

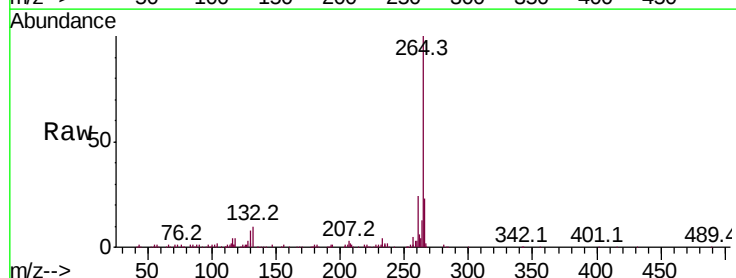
Delta R.T. -0.01 min

Lab File: BG035953.D

Acq: 28 Jul 2018 1:52

Tgt Ion:264 Resp: 285036

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.7	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

