

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

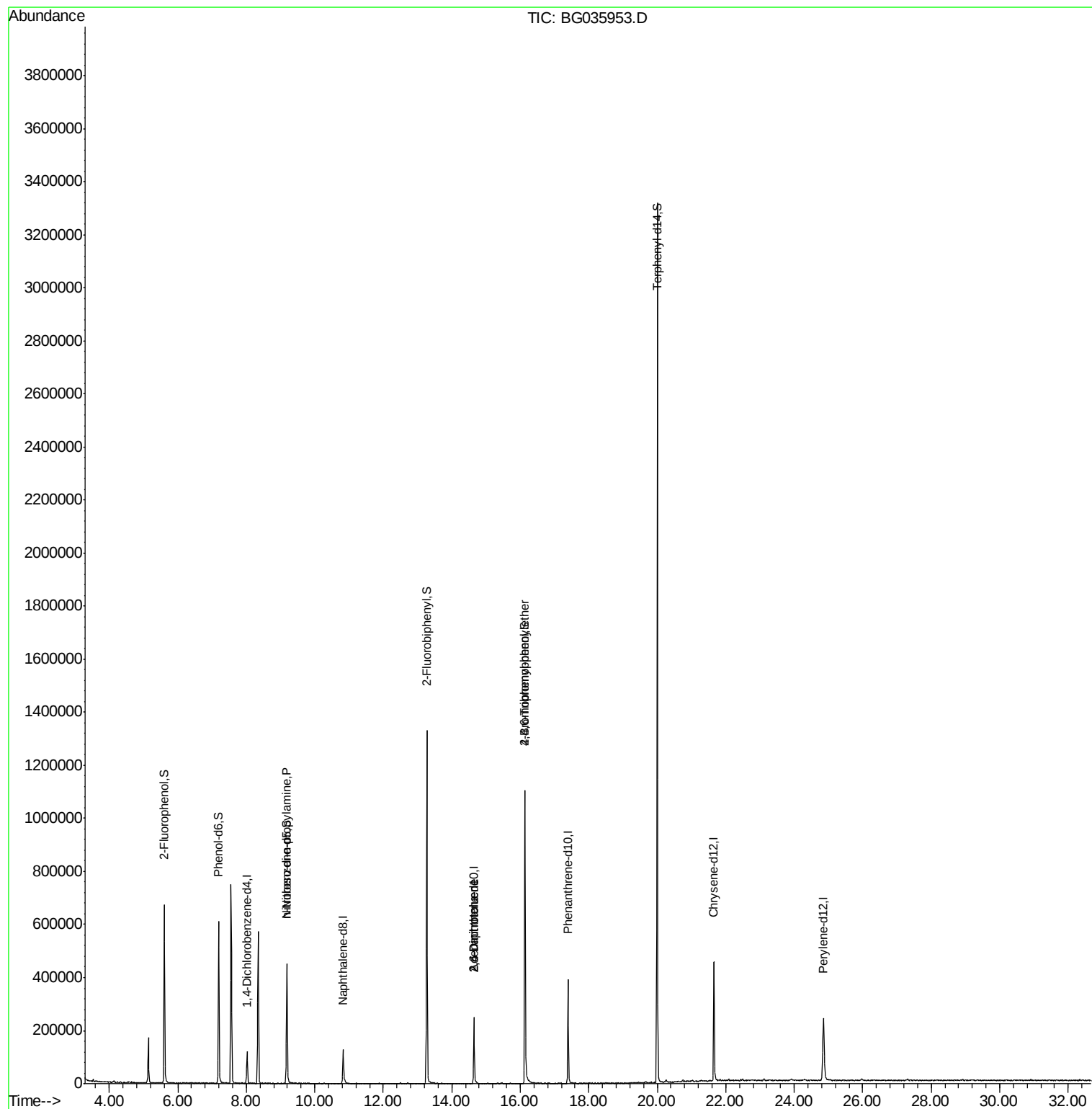
Quant Time: Jul 28 05:36:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

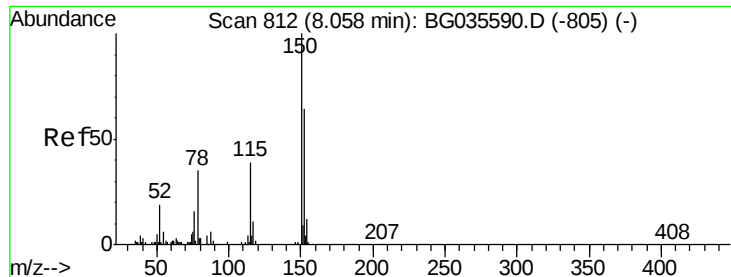
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34570	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	120127	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	93116	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	272672	20.00	ng	0.00
75) Chrysene-d12	21.66	240	309005	20.00	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						
19) n-Nitroso-di-n-propylamine	9.19	70	45229	17.289	ng	# 68
50) 2,6-Dinitrotoluene	14.65	165	12162	7.321	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	12162	5.103	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	18382	5.811	ng	# 1

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

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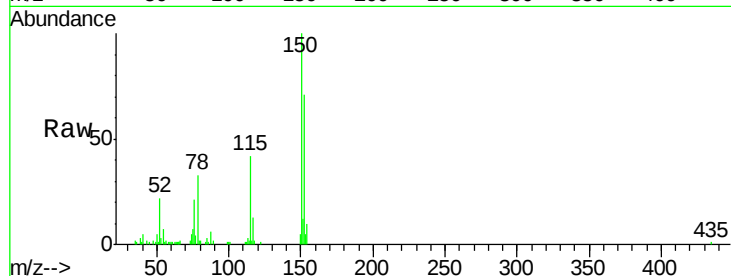




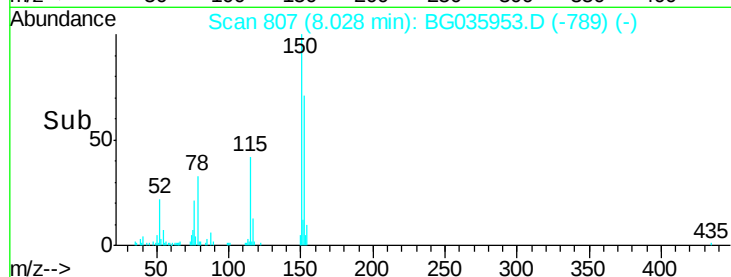
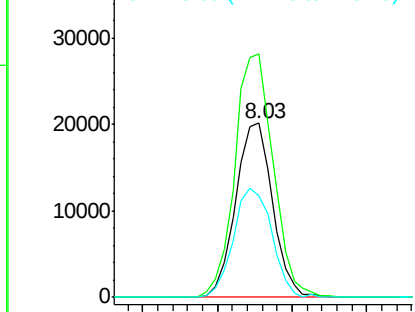
#1

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

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



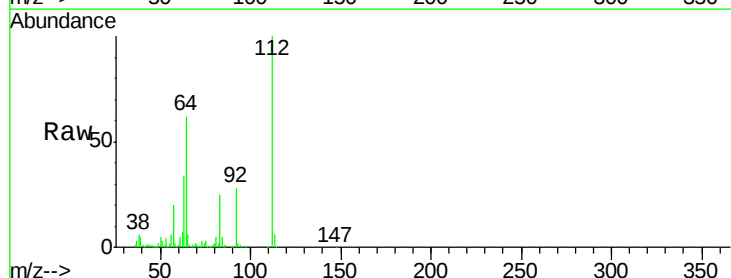
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



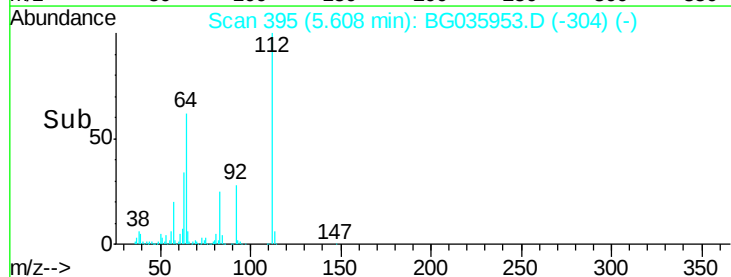
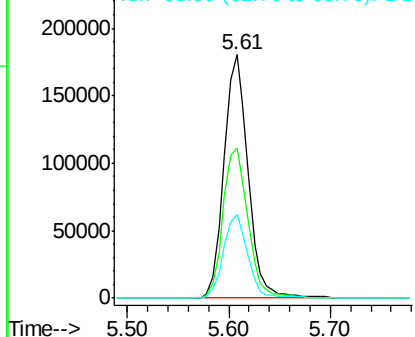
#5

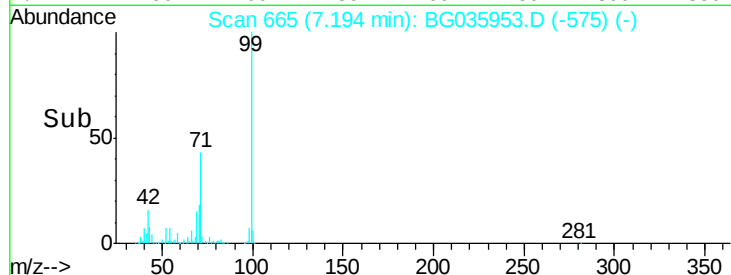
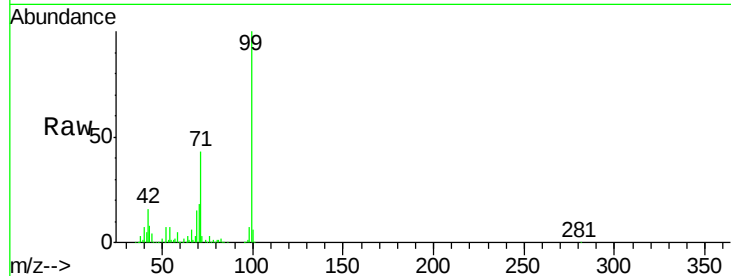
2-Fluorophenol
Concen: 142.681 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035953.D
Acq: 28 Jul 2018 1:52

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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.287 ng

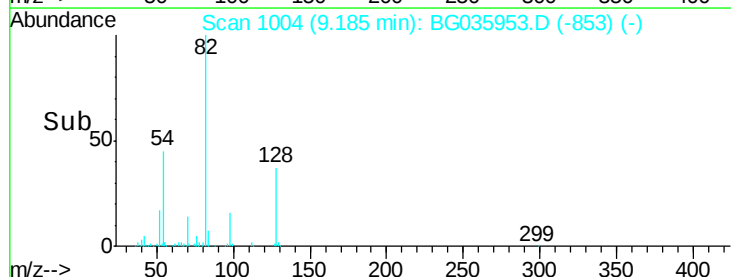
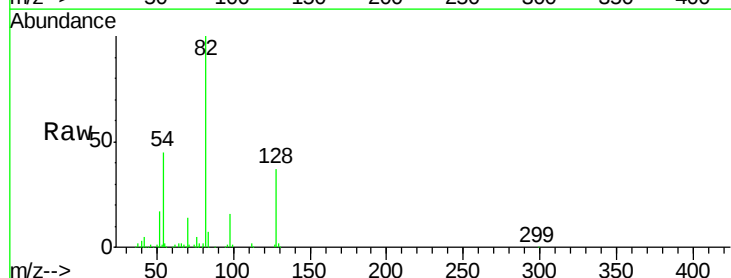
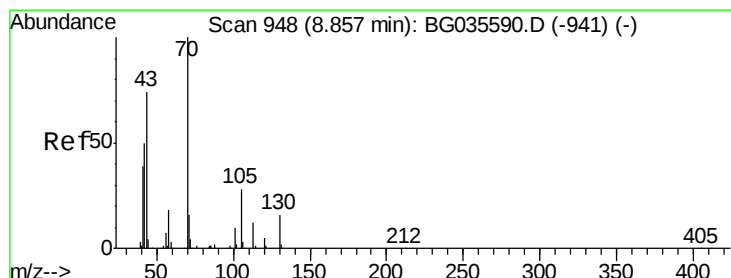
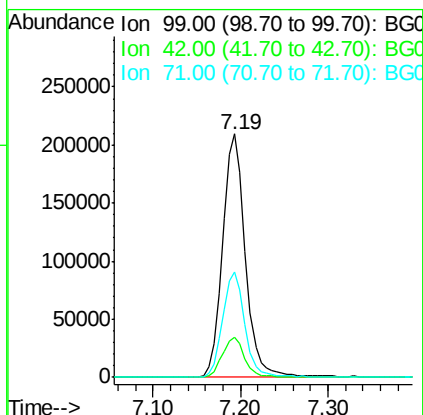
RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035953.D

Acq: 28 Jul 2018 1:52

Tgt Ion:	99	Resp:	376800
Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.1	21.1
71	43.5	26.1	39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 17.289 ng

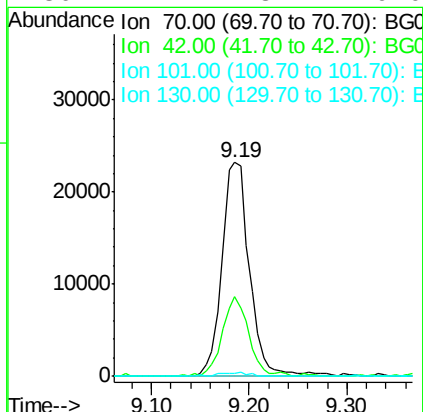
RT: 9.19 min Scan# 1004

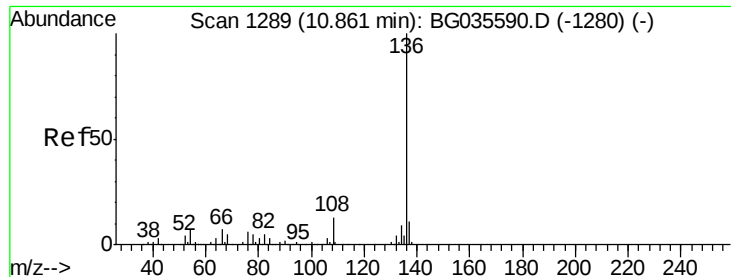
Delta R.T. 0.36 min

Lab File: BG035953.D

Acq: 28 Jul 2018 1:52

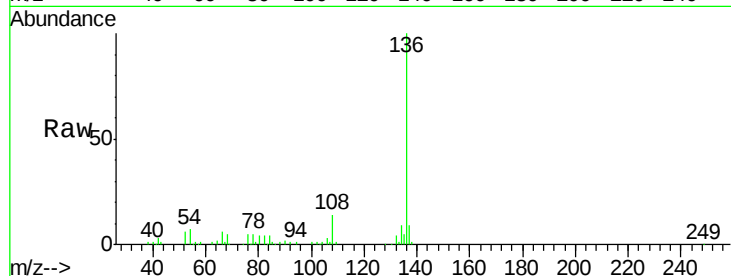
Tgt Ion:	70	Resp:	45229
Ion	Ratio	Lower	Upper
70	100		
42	37.3	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#



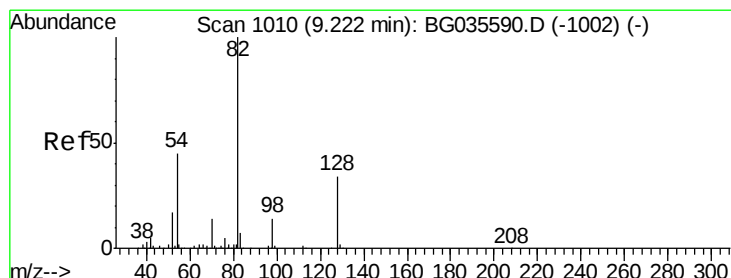
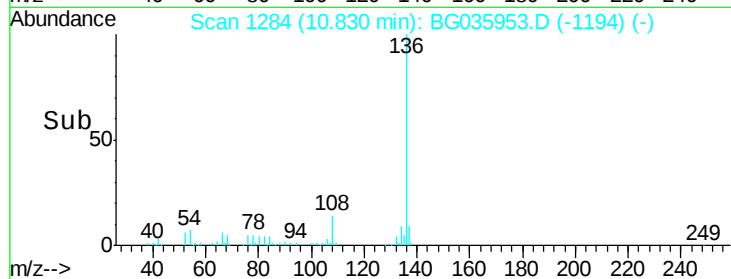
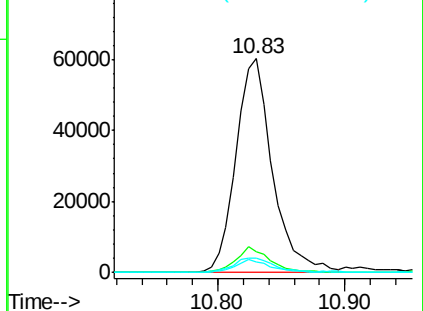


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035953.D
Acq: 28 Jul 2018 1:52

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

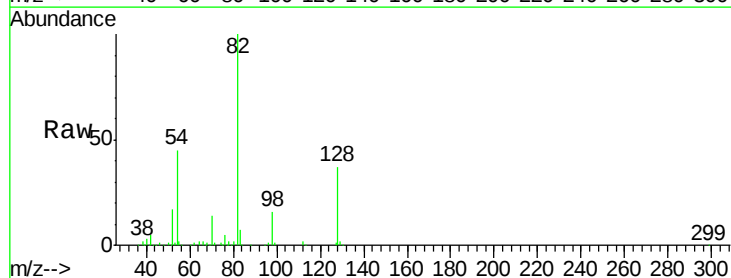


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

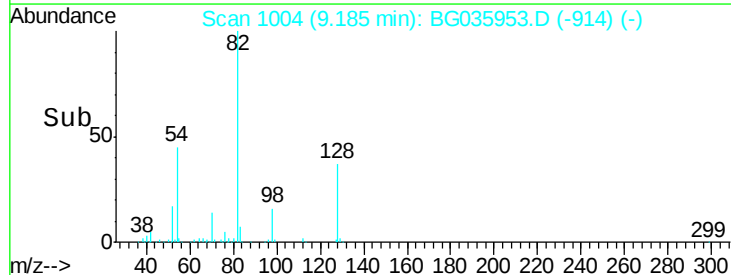
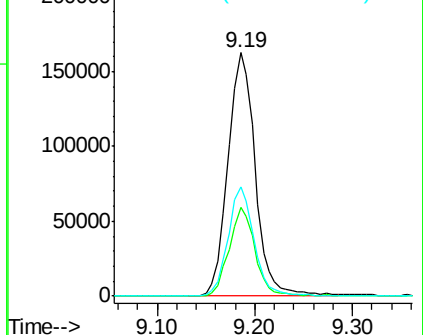


#23
Nitrobenzene-d5
Concen: 110.121 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035953.D
Acq: 28 Jul 2018 1:52

Tgt Ion:	82	Resp:	316664
Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.7	44.5
54	44.6	43.1	64.7



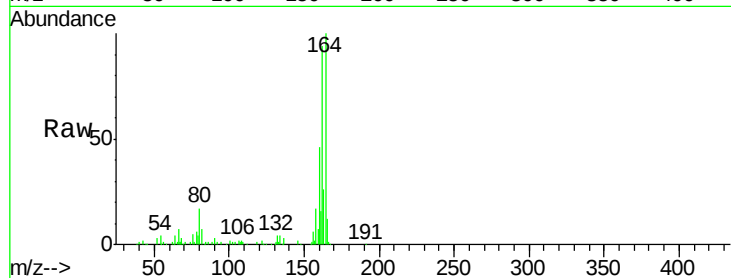
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



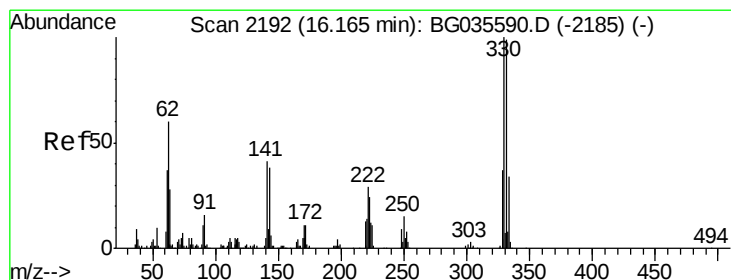
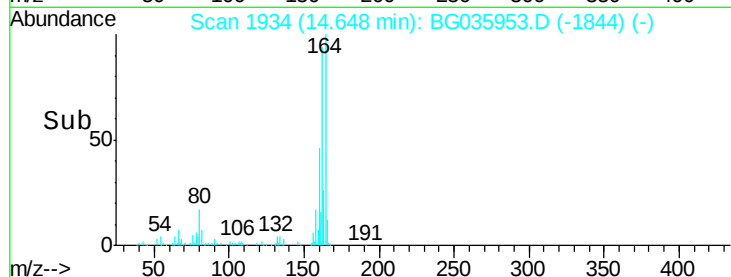
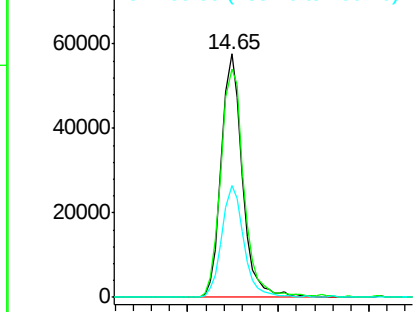


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035953.D
Acq: 28 Jul 2018 1:52

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

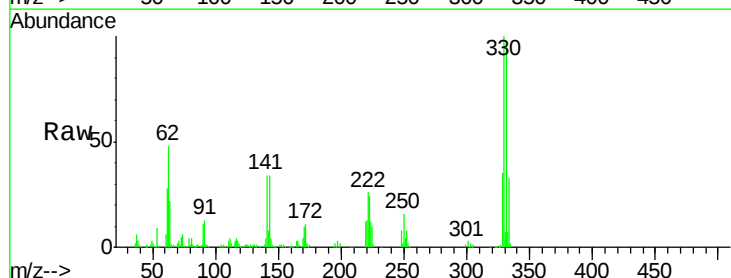


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

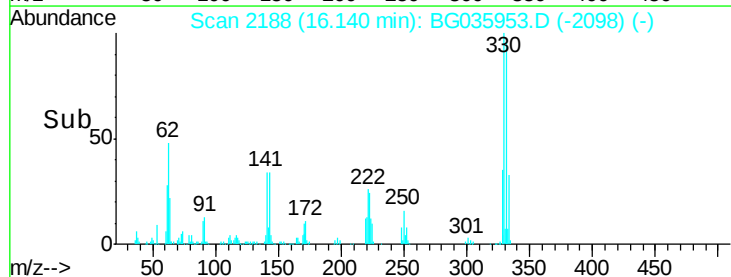
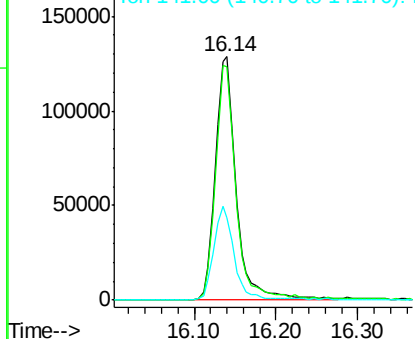


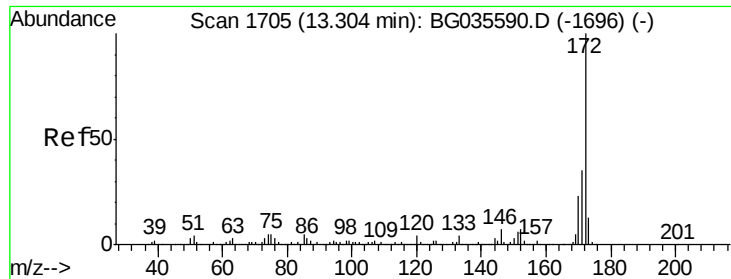
#41
2,4,6-Tribromophenol
Concen: 187.062 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035953.D
Acq: 28 Jul 2018 1:52

Tgt Ion:330 Resp: 229586
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 37.2 25.2 37.8



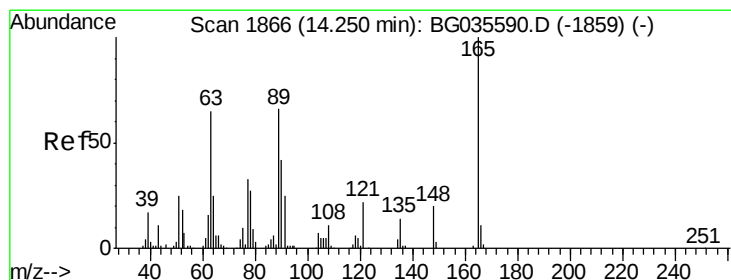
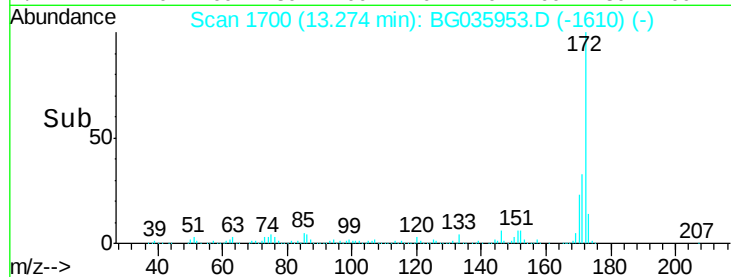
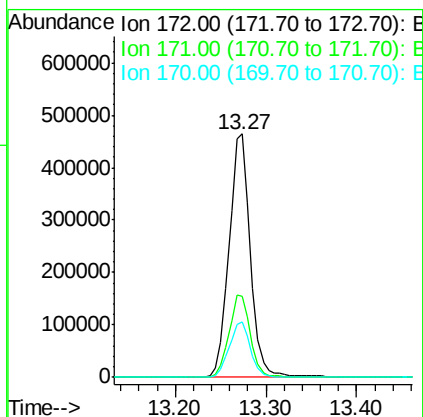
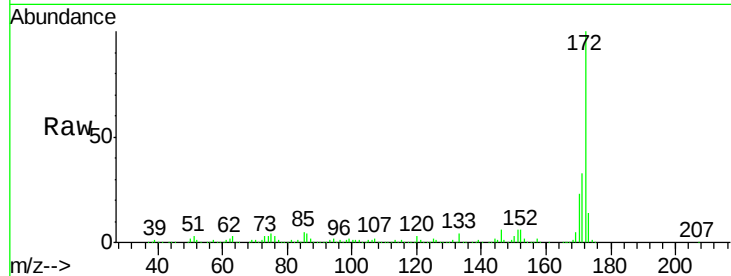
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





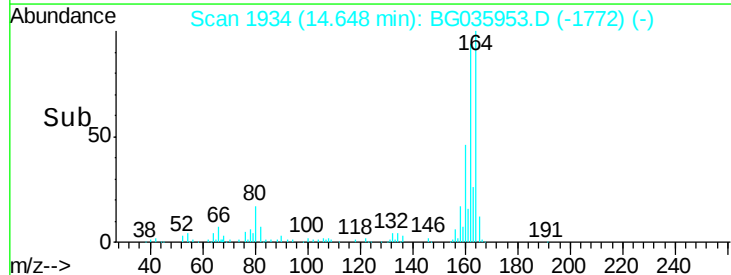
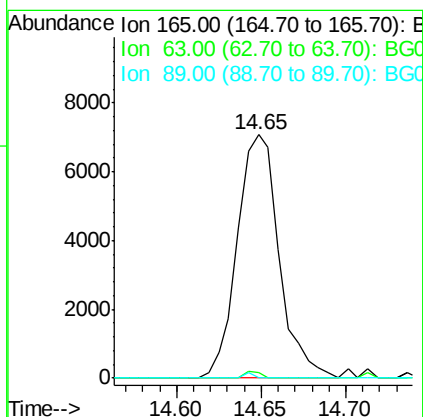
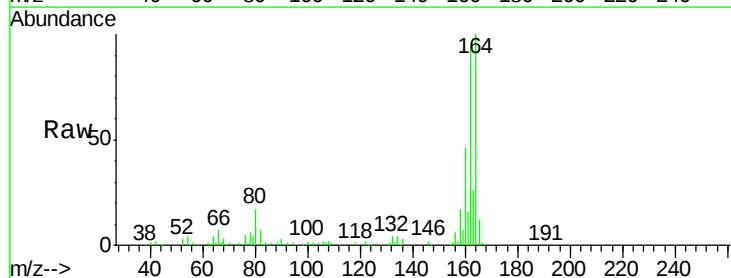
#44
 2-Fluorobiphenyl
 Concen: 109.382 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035953.D
 Acq: 28 Jul 2018 1:52

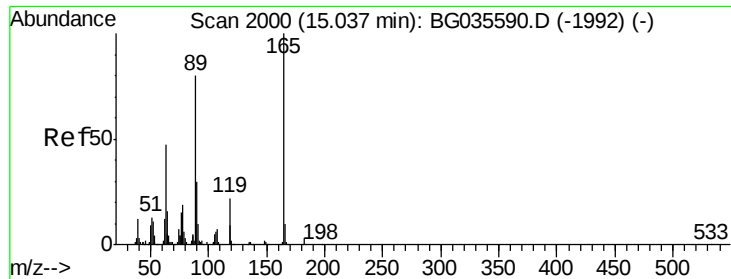
Tgt Ion:	172	Resp:	760238
Ion	Ratio	Lower	Upper
172	100		
171	33.0	30.0	45.0
170	22.6	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.321 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035953.D
 Acq: 28 Jul 2018 1:52

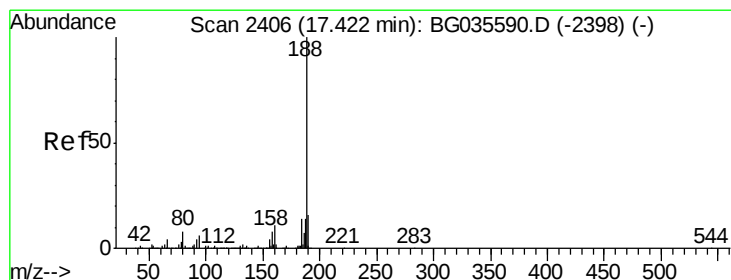
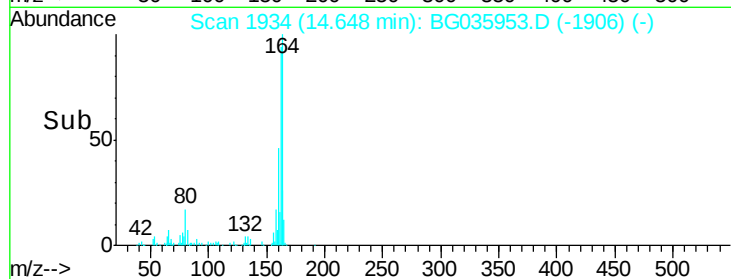
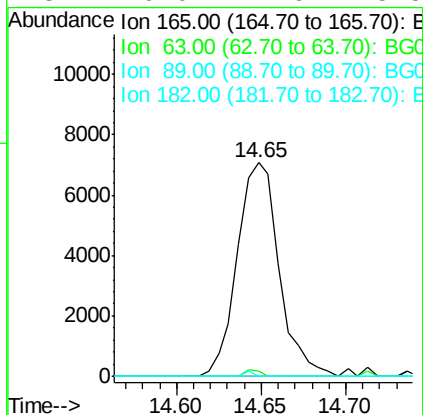
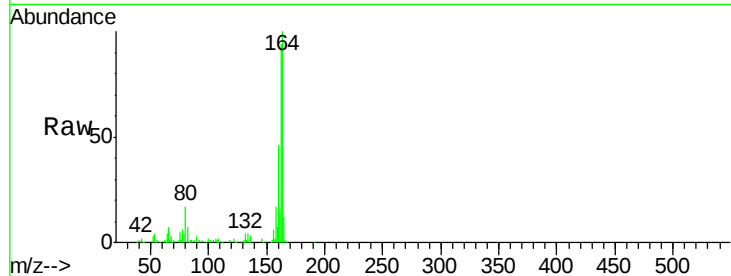
Tgt Ion:	165	Resp:	12162
Ion	Ratio	Lower	Upper
165	100		
63	2.4	52.7	79.1#
89	0.0	49.2	73.8#





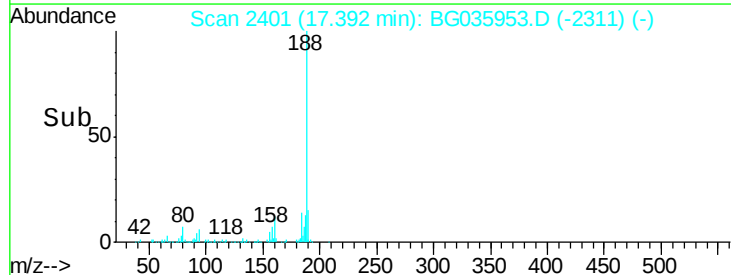
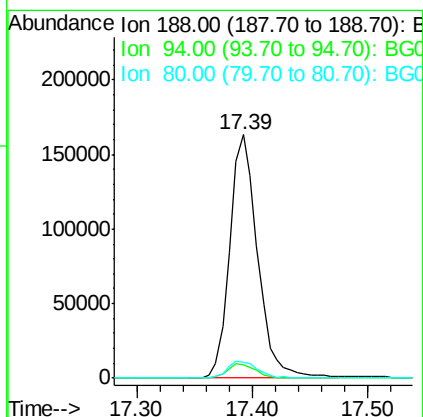
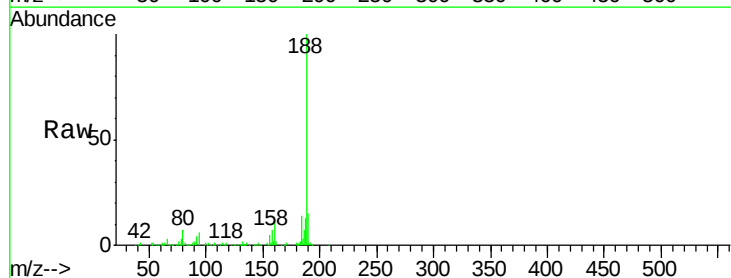
#56
 2,4-Dinitrotoluene
 Concen: 5.103 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035953.D
 Acq: 28 Jul 2018 1:52

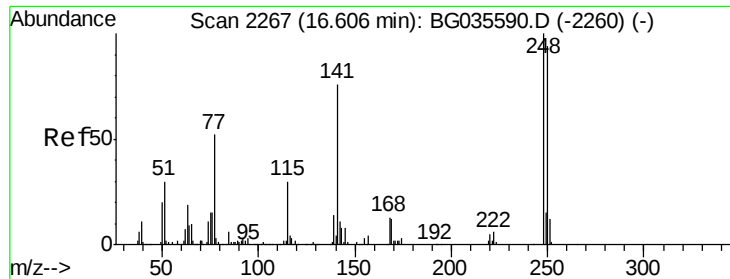
Tgt Ion:	165	Resp:	12162
Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#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

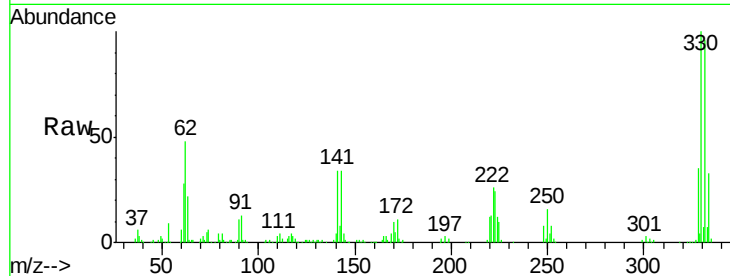
Tgt Ion:	188	Resp:	272672
Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	6.7	7.7	11.5#



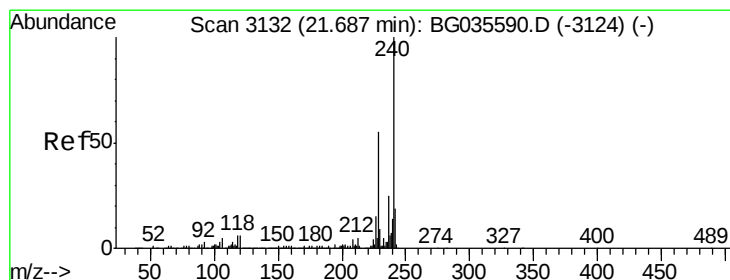
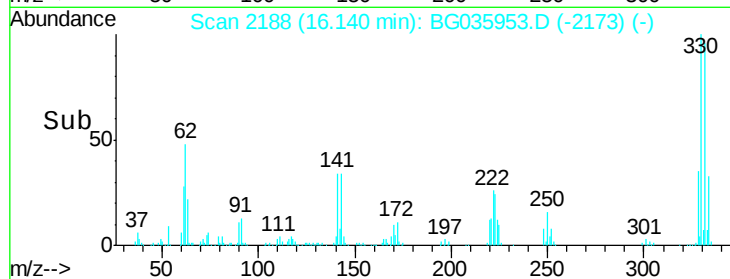
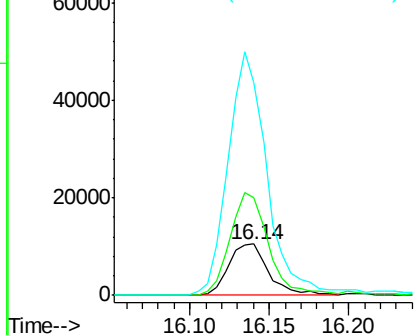


#66
4-Bromophenyl-phenylether
Concen: 5.811 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.44 min
Lab File: BG035953.D
Acq: 28 Jul 2018 1:52

Tgt Ion:248 Resp: 18382
Ion Ratio Lower Upper
248 100
250 190.1 77.1 115.7#
141 413.6 50.8 76.2#

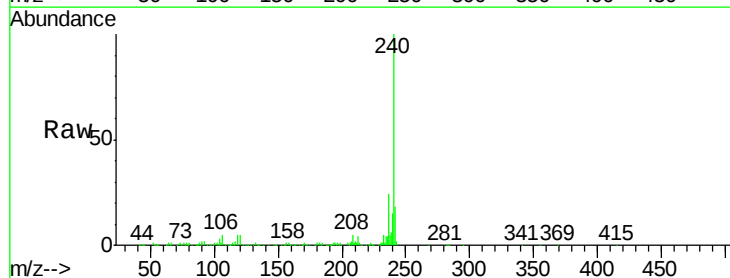


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

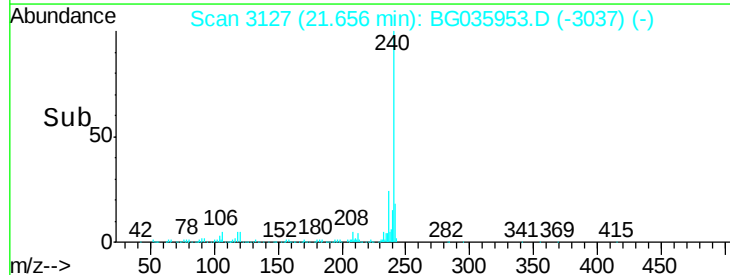
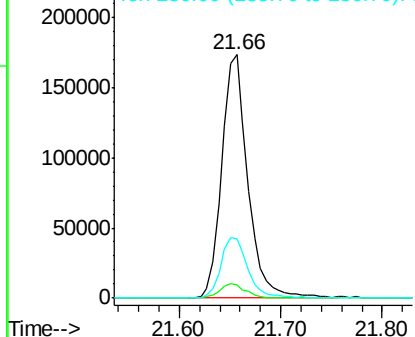


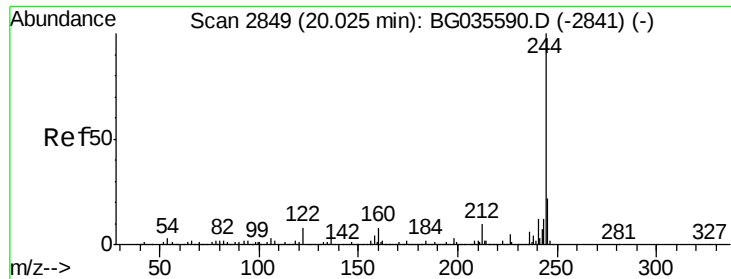
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035953.D
Acq: 28 Jul 2018 1:52

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

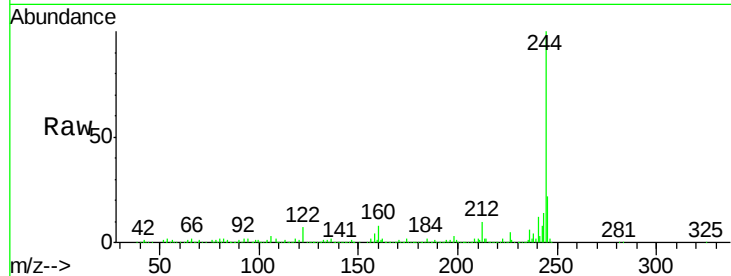
Tgt Ion:244 Resp: 1564332

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

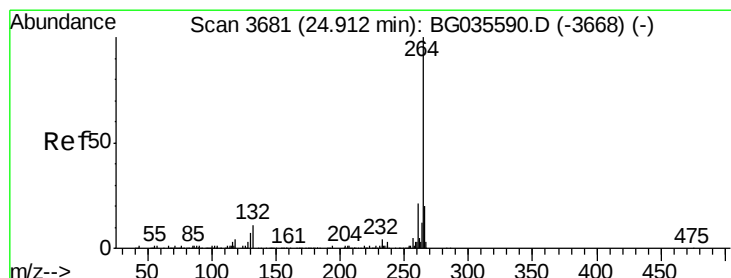
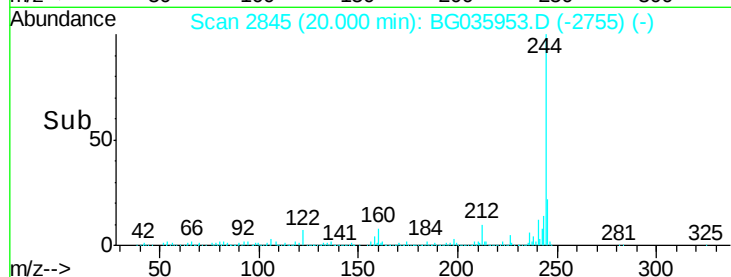
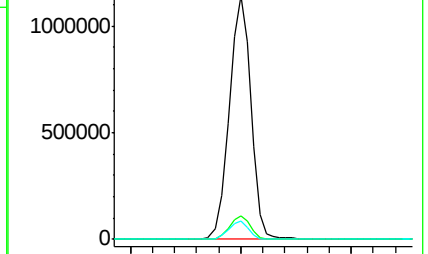
122 7.4 7.0 10.4



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

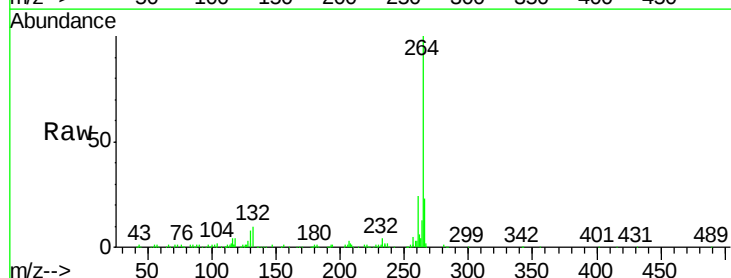
Tgt Ion:264 Resp: 285036

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

