

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072718\
 Data File : BG035941.D
 Acq On : 27 Jul 2018 17:23
 Operator : JU/SJ
 Sample : J4192-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

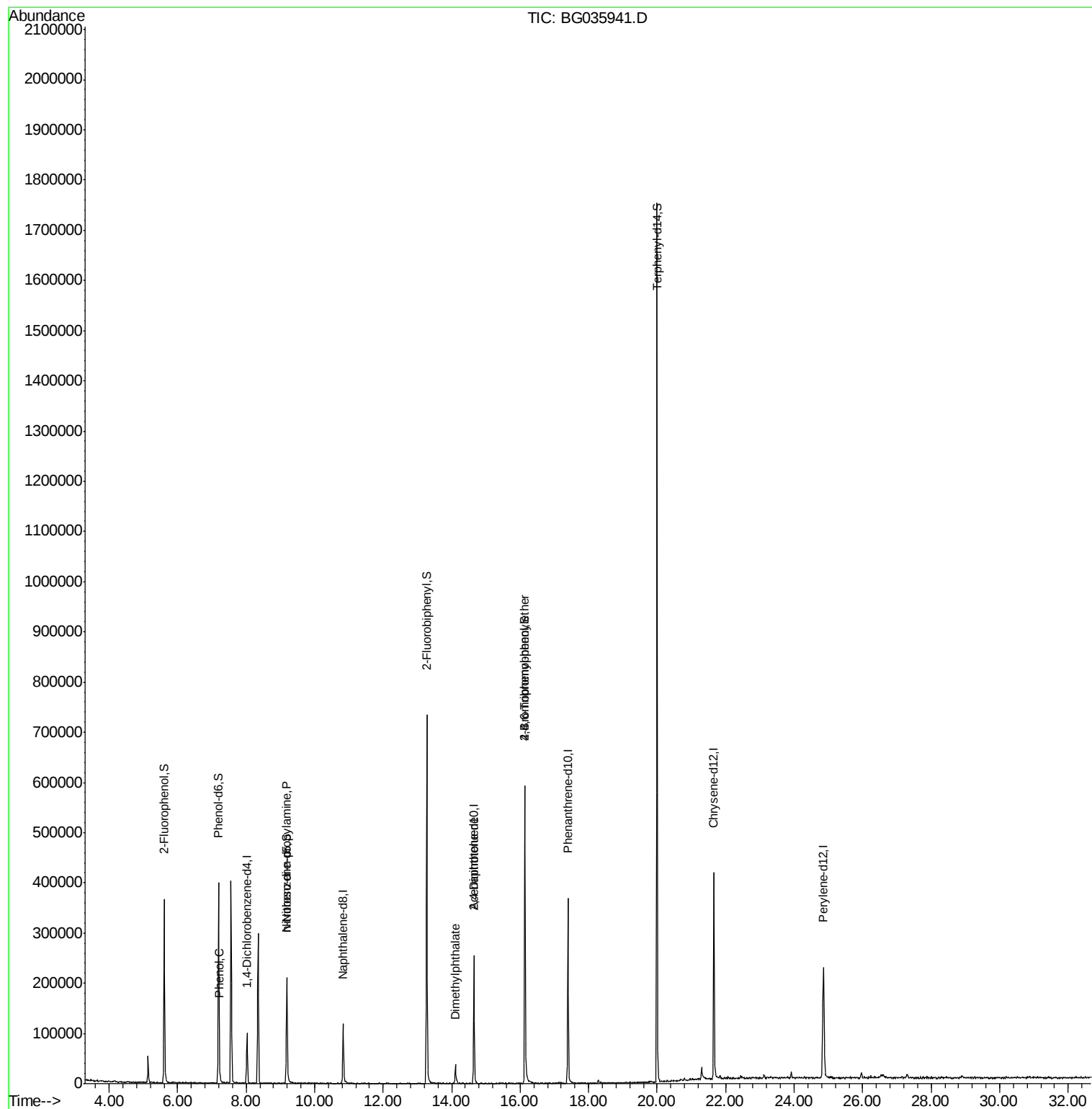
Quant Time: Jul 27 23:14:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30250	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	117142	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	91174	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	268460	20.00	ng	0.00
75) Chrysene-d12	21.65	240	278325	20.00	ng	0.00
86) Perylene-d12	24.85	264	262773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	170277	93.45	ng	0.00
7) Phenol-d6	7.19	99	252390	92.84	ng	0.00
23) Nitrobenzene-d5	9.19	82	161915	57.74	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	120378	100.17	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	417931	61.41	ng	0.00
78) Terphenyl-d14	20.00	244	821267	65.04	ng	0.00
Target Compounds						
10) Phenol	7.22	94	7844	2.856	ng	# 73
19) n-Nitroso-di-n-propylamine	9.19	70	22167	9.683	ng	# 67
49) Dimethylphthalate	14.10	163	36853	4.613	ng	100
56) 2,4-Dinitrotoluene	14.65	165	12166	5.213	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	9141	2.935	ng	# 1

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

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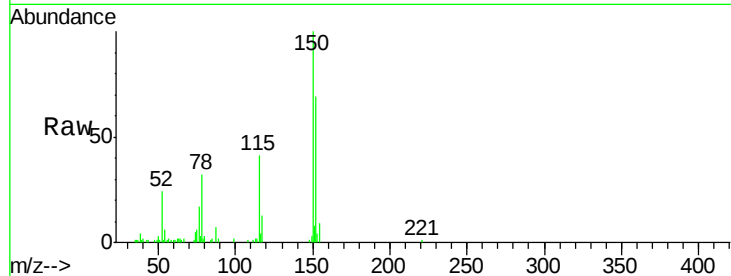




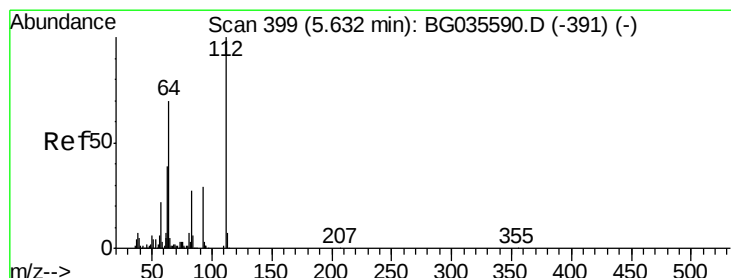
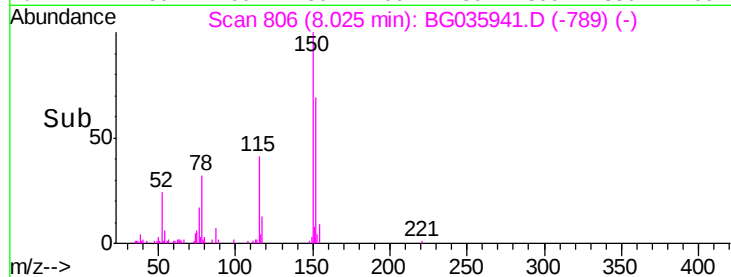
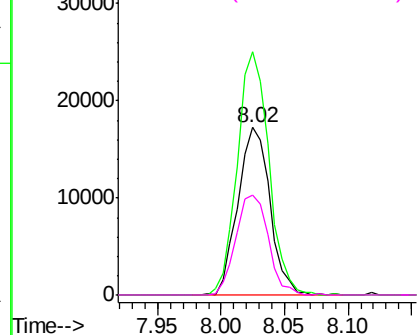
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035941.D
Acq: 27 Jul 2018 17:23

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.4	126.6	189.8
115	60.2	53.0	79.4



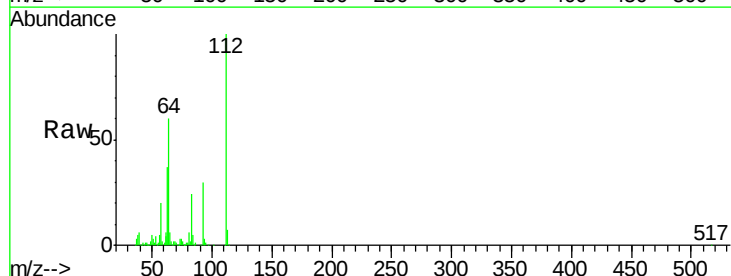
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



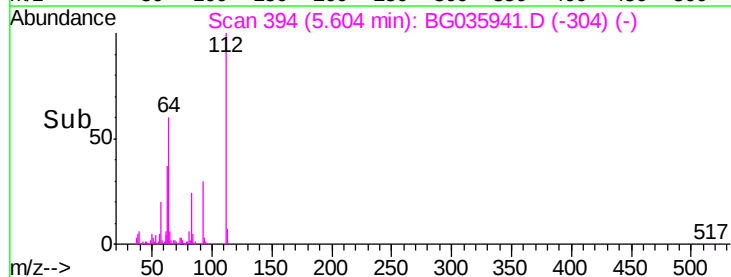
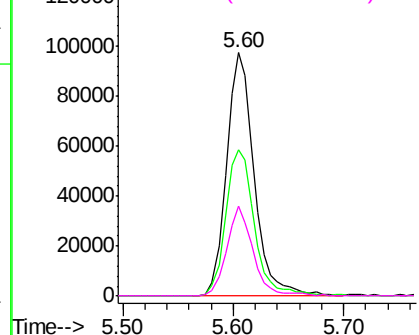
#5

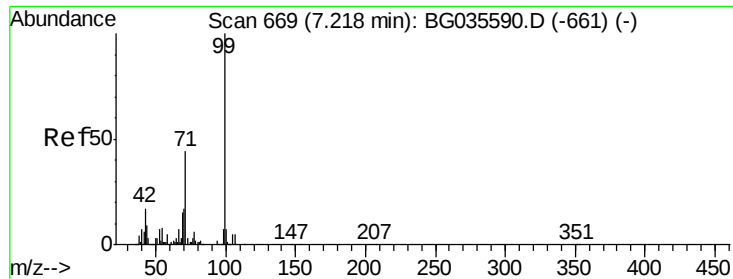
2-Fluorophenol
Concen: 93.454 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035941.D
Acq: 27 Jul 2018 17:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	56.3	84.5
63	37.0	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: 92.843 ng

RT: 7.19 min Scan# 664

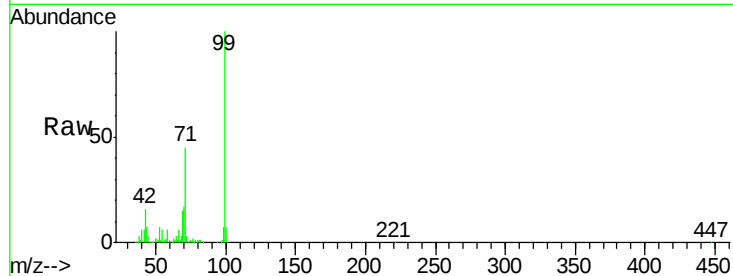
Delta R.T. -0.01 min

Lab File: BG035941.D

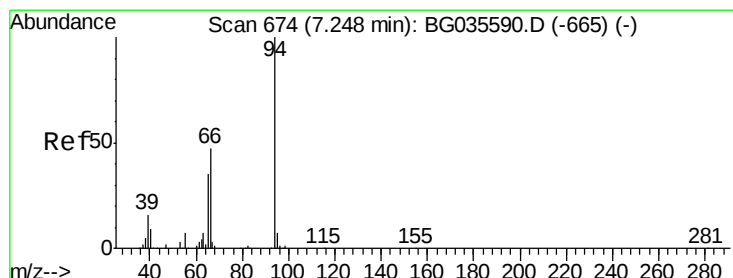
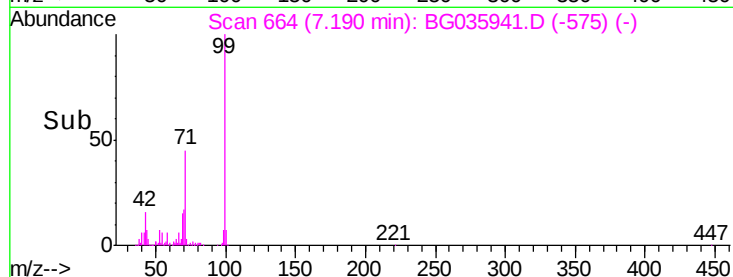
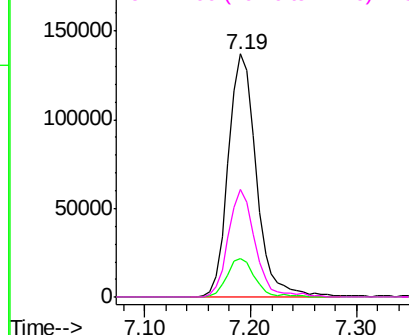
Acq: 27 Jul 2018 17:23

Tgt Ion: 99 Resp: 252390

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.1	21.1
71	44.6	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



#10

Phenol

Concen: 2.856 ng

RT: 7.22 min Scan# 669

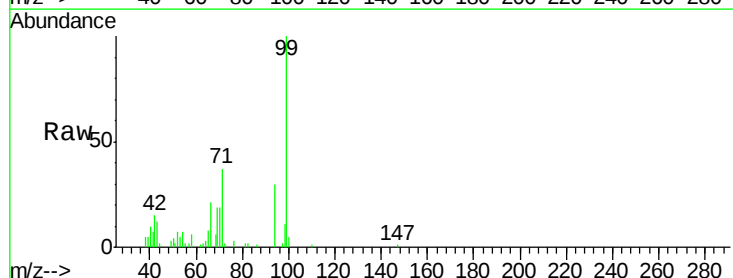
Delta R.T. 0.00 min

Lab File: BG035941.D

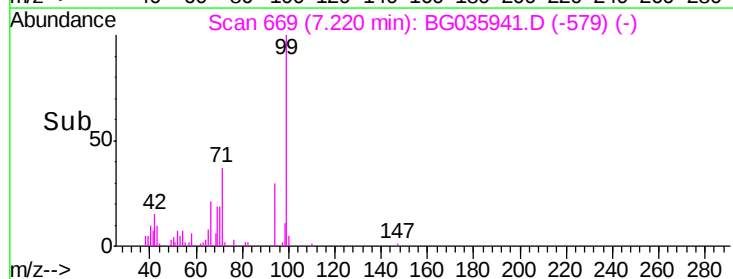
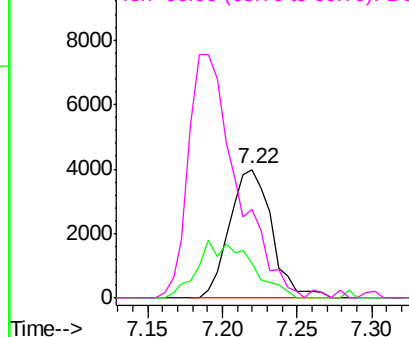
Acq: 27 Jul 2018 17:23

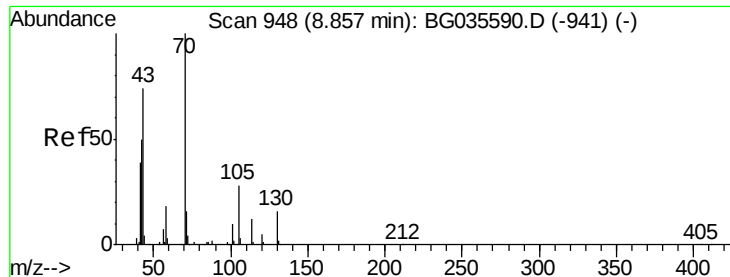
Tgt Ion: 94 Resp: 7844

Ion	Ratio	Lower	Upper
94	100		
65	27.6	11.9	51.9
66	68.9	22.2	62.2



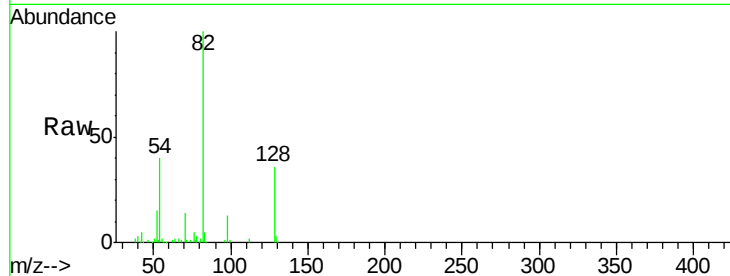
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19
n-Nitroso-di-n-propylamine
Concen: 9.683 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035941.D
Acq: 27 Jul 2018 17:23

Tgt Ion	Ratio	Lower	Upper
70	100		
42	36.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#



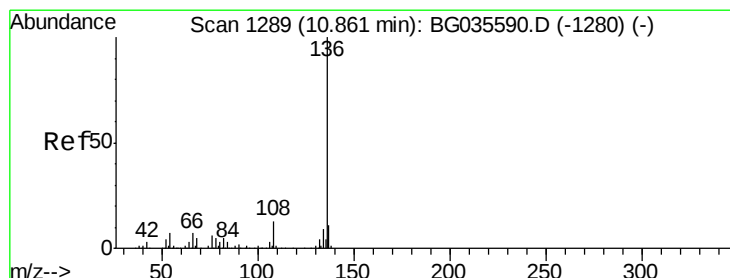
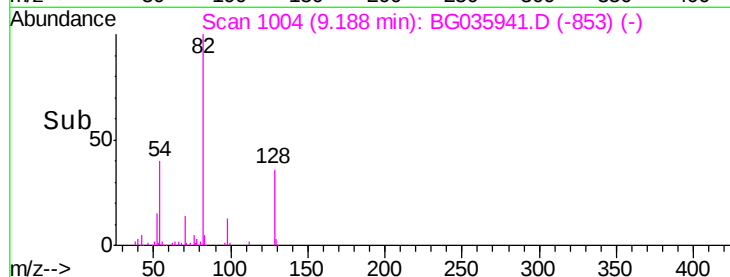
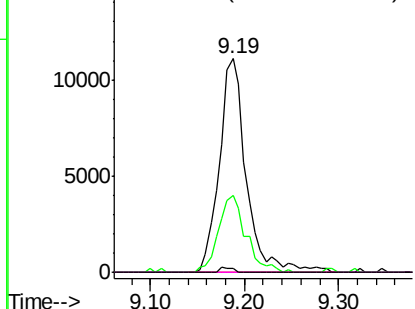
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035941.D
Acq: 27 Jul 2018 17:23

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	6.4	10.3	15.5#
68	6.0	4.5	6.7

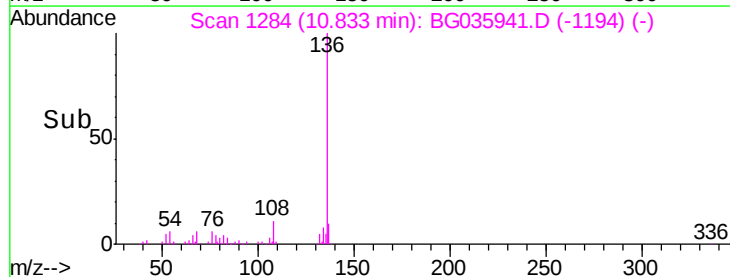
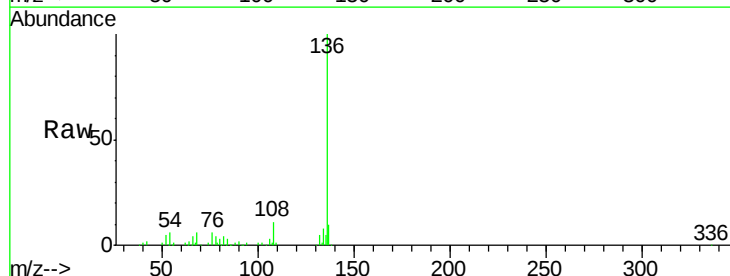
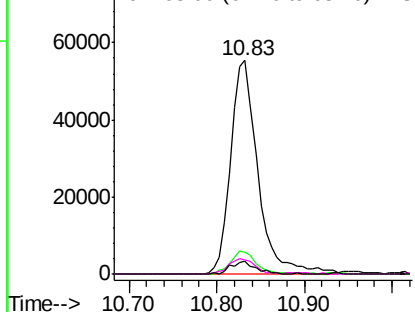
Abundance

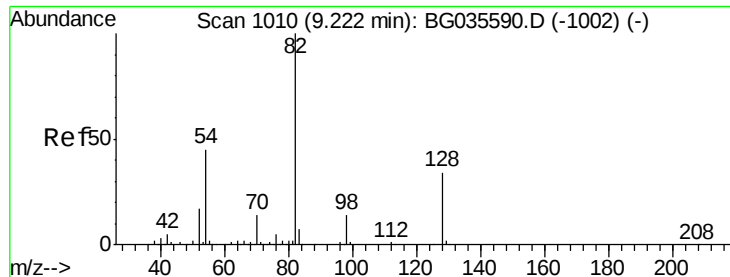
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

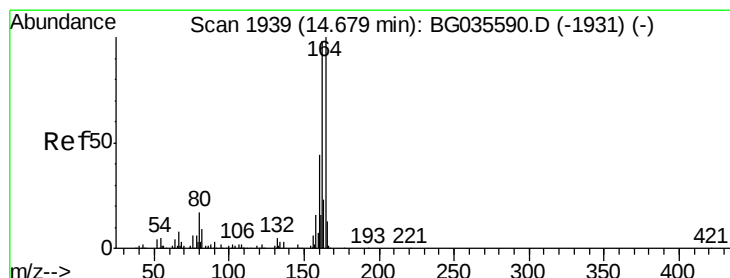
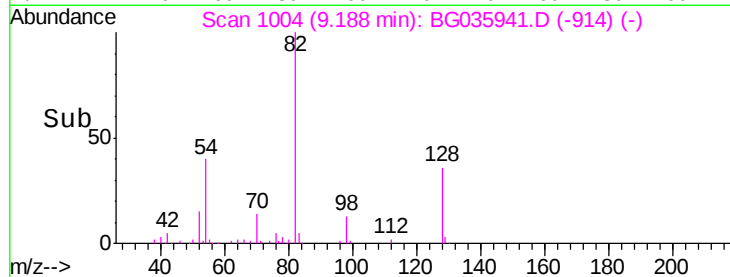
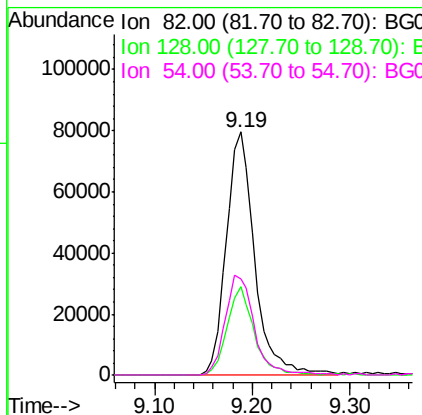
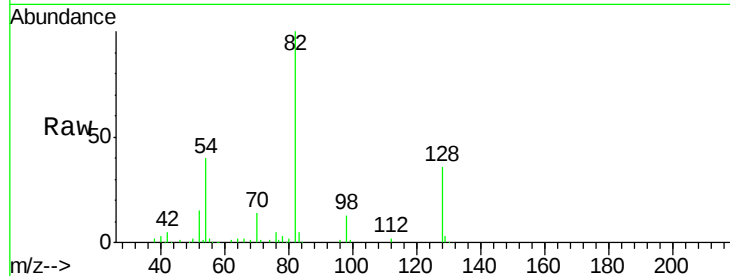
Ion 68.00 (67.70 to 68.70): BGC





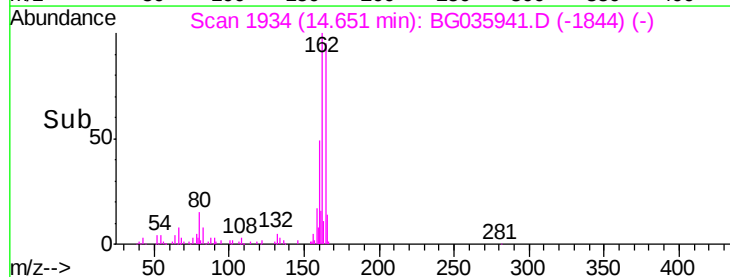
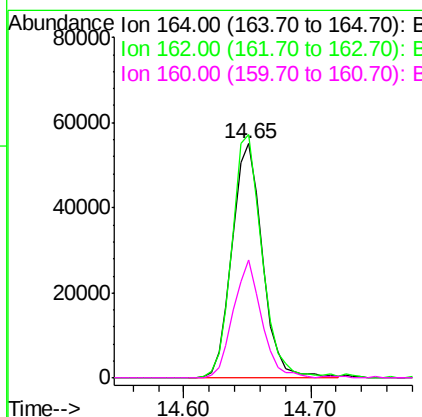
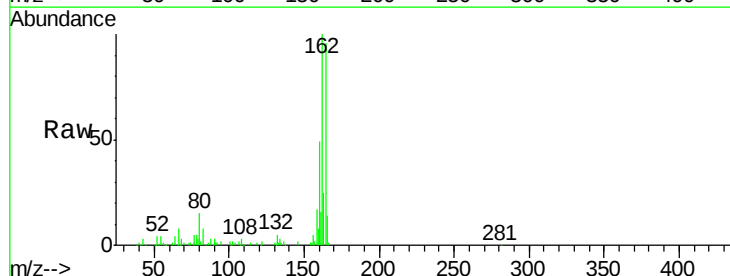
#23
Nitrobenzene-d5
Concen: 57.742 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG035941.D
Acq: 27 Jul 2018 17:23

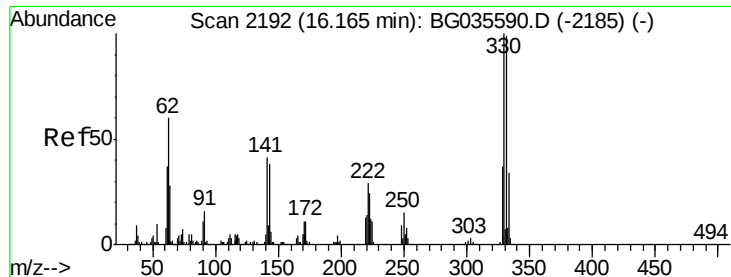
Tgt Ion: 82 Resp: 161915
Ion Ratio Lower Upper
82 100
128 36.3 29.7 44.5
54 39.8 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG035941.D
Acq: 27 Jul 2018 17:23

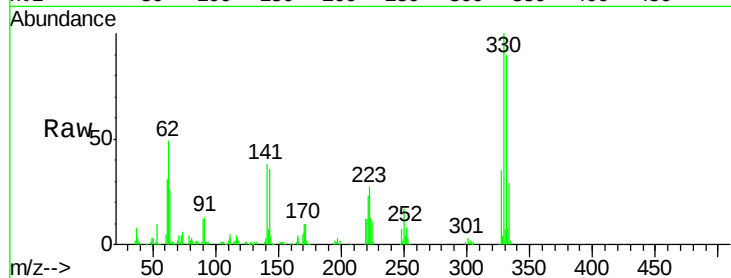
Tgt Ion: 164 Resp: 91174
Ion Ratio Lower Upper
164 100
162 103.8 78.8 118.2
160 50.5 35.4 53.0



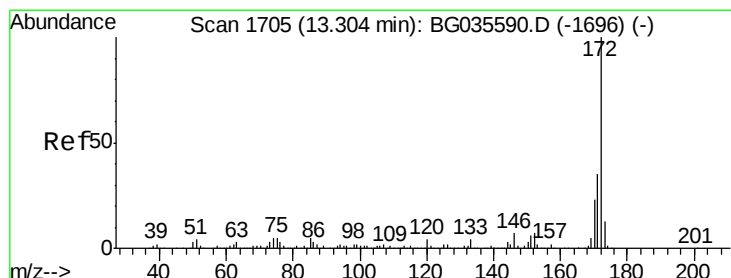
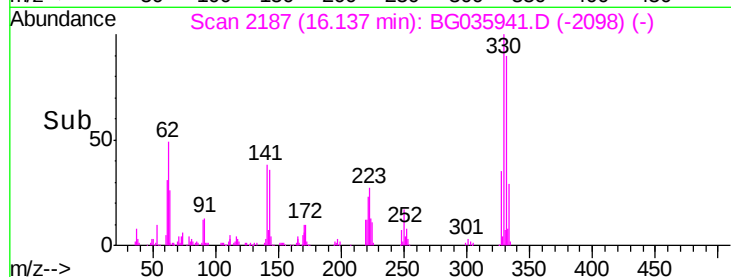
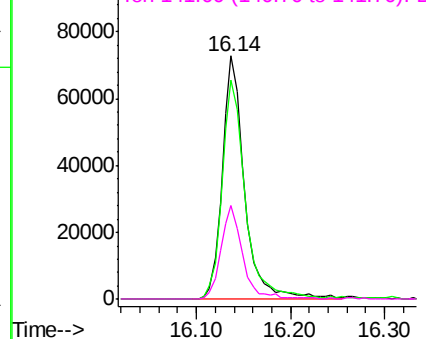


#41
2,4,6-Tribromophenol
Concen: 100.170 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035941.D
Acq: 27 Jul 2018 17:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	38.1	25.2	37.8#

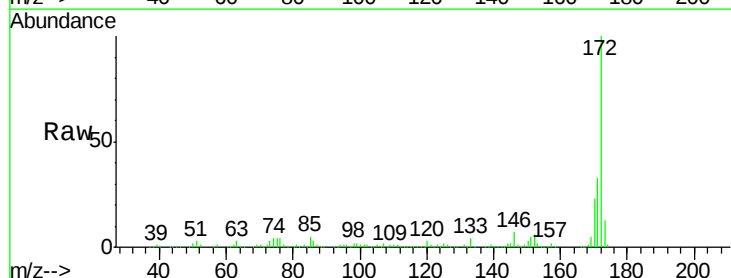


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

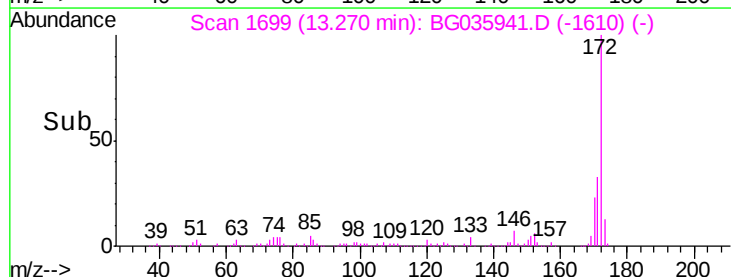
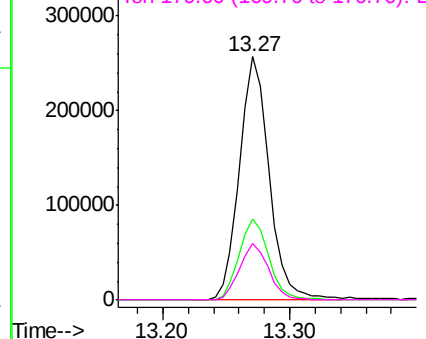


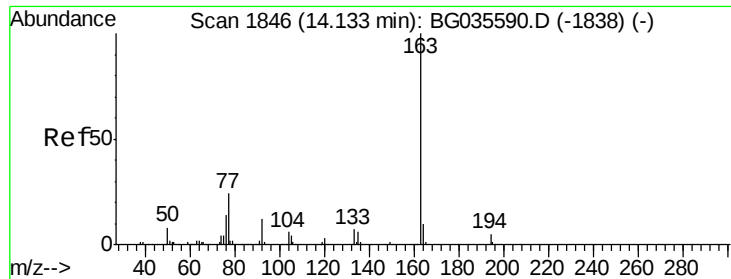
#44
2-Fluorobiphenyl
Concen: 61.412 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035941.D
Acq: 27 Jul 2018 17:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.0	45.0
170	23.1	19.5	29.3



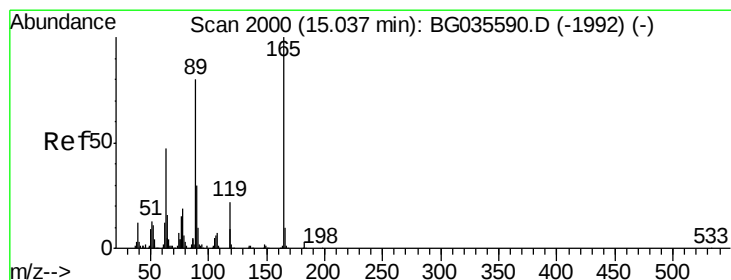
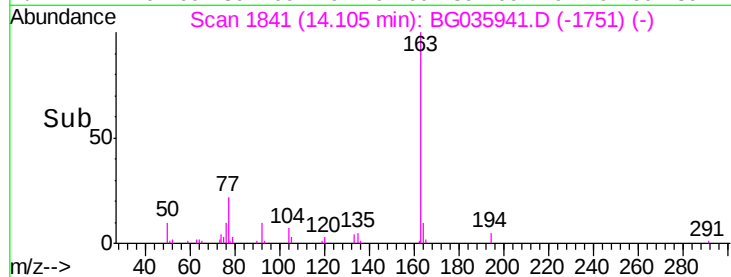
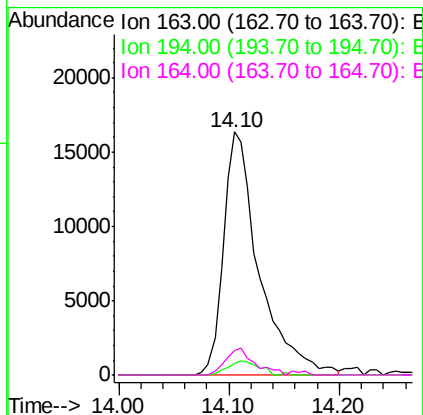
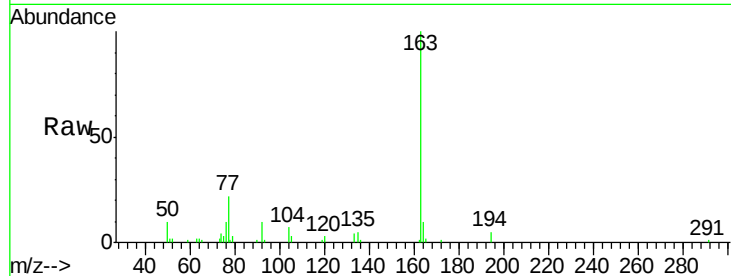
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





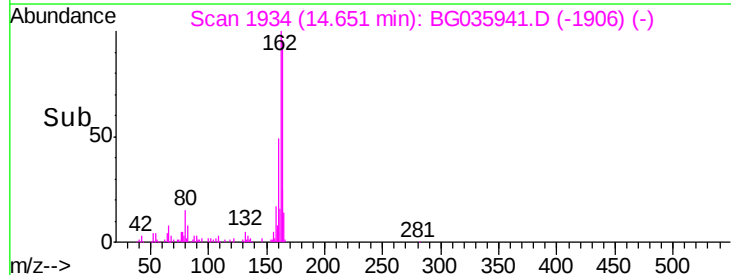
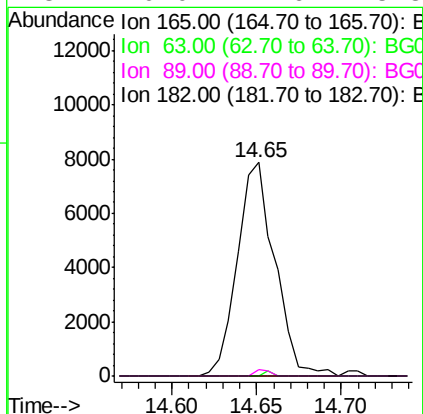
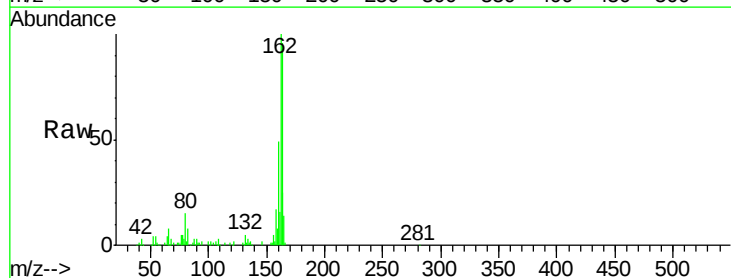
#49
Dimethylphthalate
Concen: 4.613 ng
RT: 14.10 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG035941.D
Acq: 27 Jul 2018 17:23

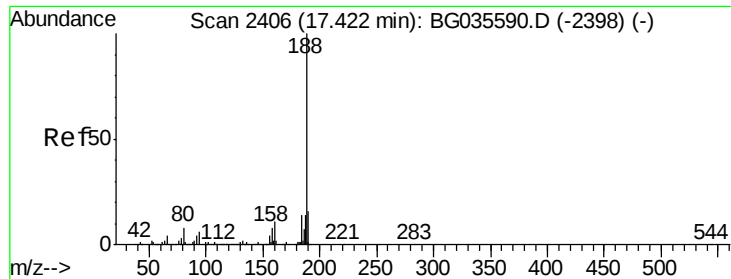
Tgt Ion:163 Resp: 36853
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.3 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 5.213 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.36 min
Lab File: BG035941.D
Acq: 27 Jul 2018 17:23

Tgt Ion:165 Resp: 12166
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.9 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: BG035941.D

Acq: 27 Jul 2018 17:23

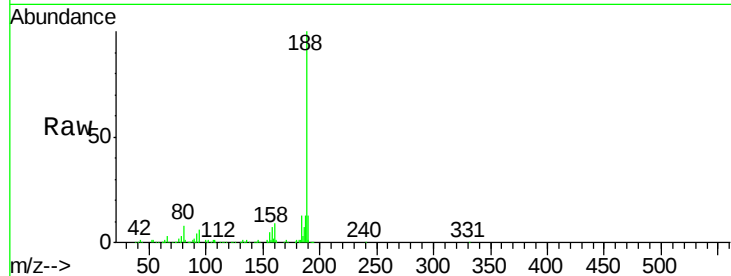
Tgt Ion:188 Resp: 268460

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

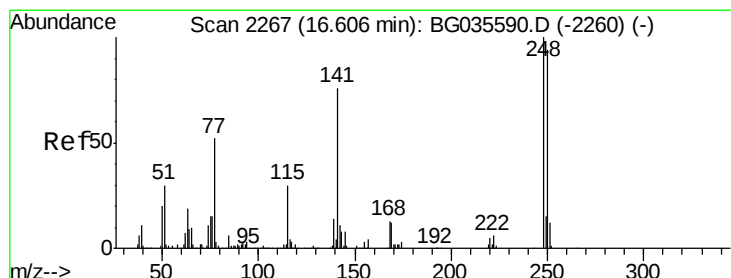
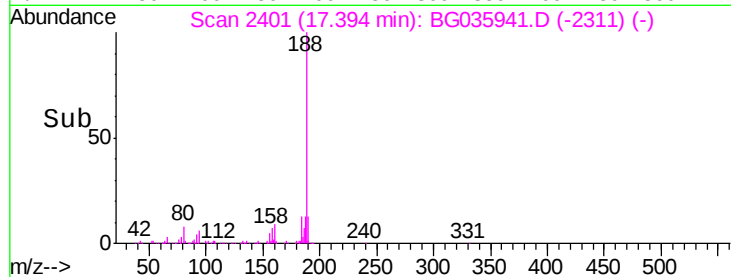
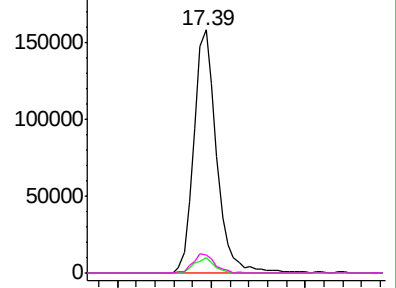
80 7.6 7.7 11.5#



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



#66

4-Bromophenyl-phenylether

Concen: 2.935 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.45 min

Lab File: BG035941.D

Acq: 27 Jul 2018 17:23

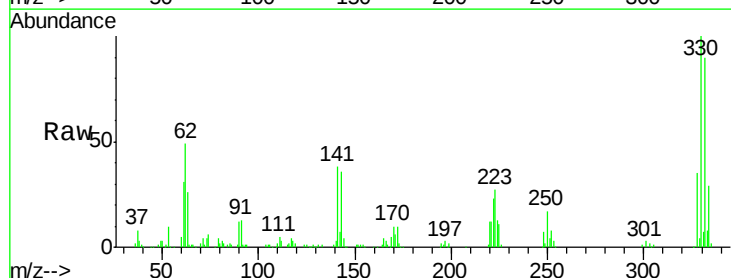
Tgt Ion:248 Resp: 9141

Ion Ratio Lower Upper

248 100

250 227.8 77.1 115.7#

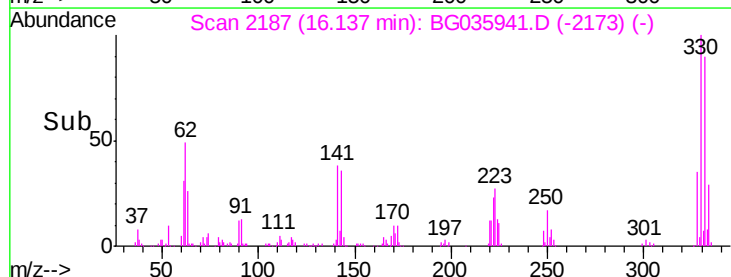
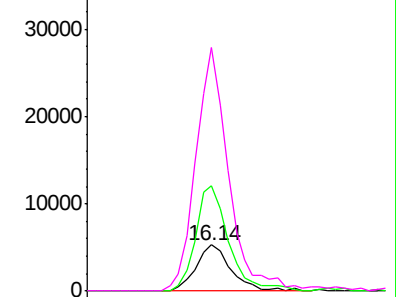
141 524.8 50.8 76.2#



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

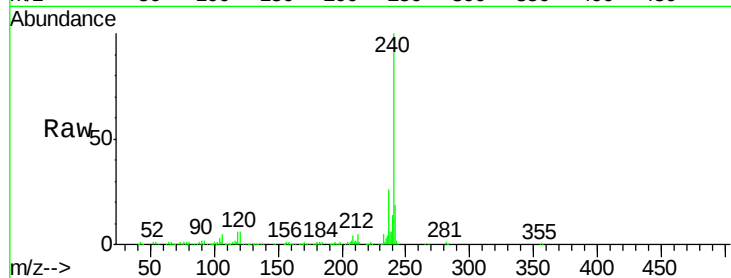
RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

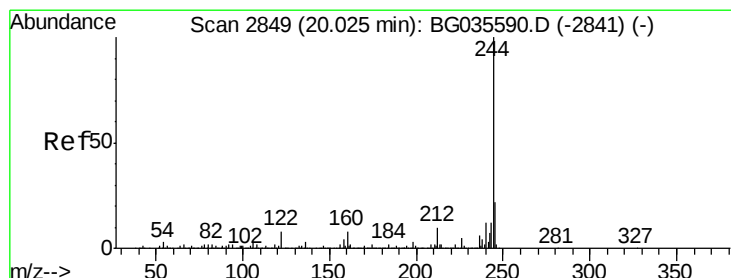
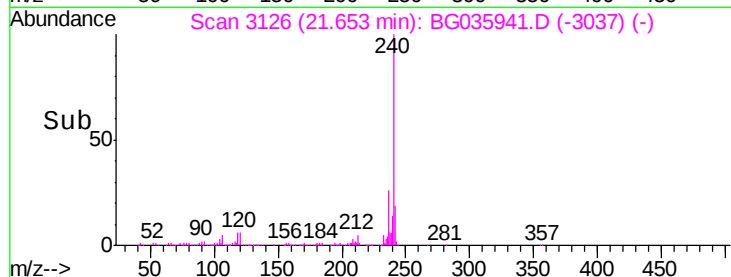
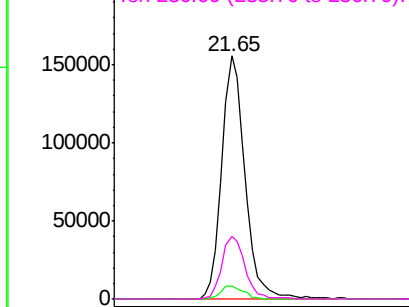
Lab File: BG035941.D

Acq: 27 Jul 2018 17:23

Tgt Ion:	240	Resp:	278325
Ion Ratio	Lower	Upper	
240	100		
120	5.7	6.8	10.2#
236	25.9	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: 65.043 ng

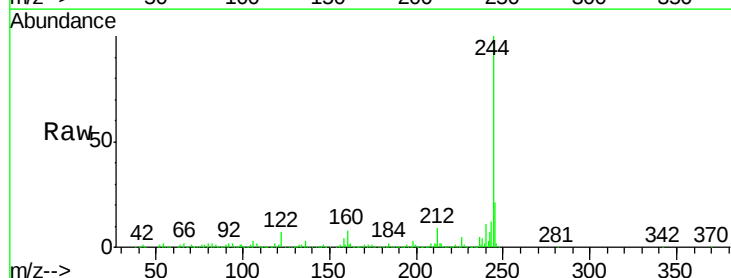
RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

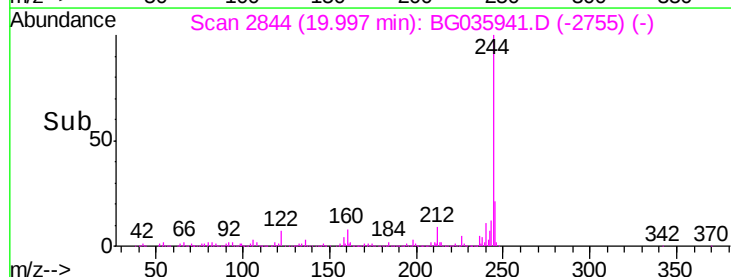
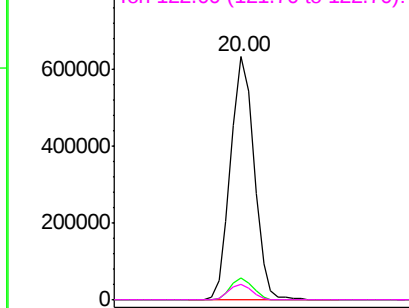
Lab File: BG035941.D

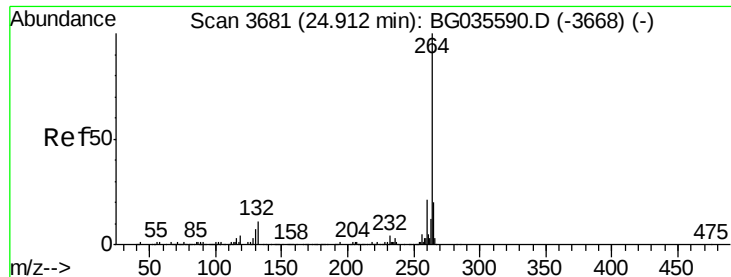
Acq: 27 Jul 2018 17:23

Tgt Ion:	244	Resp:	821267
Ion Ratio	Lower	Upper	
244	100		
212	9.2	5.8	8.8#
122	6.6	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: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035941.D
 Acq: 27 Jul 2018 17:23

Tgt Ion:	264	Resp:	262773
Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.5	17.7	26.5

