

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035942.D
 Acq On : 27 Jul 2018 18:02
 Operator : JU/SJ
 Sample : J4192-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

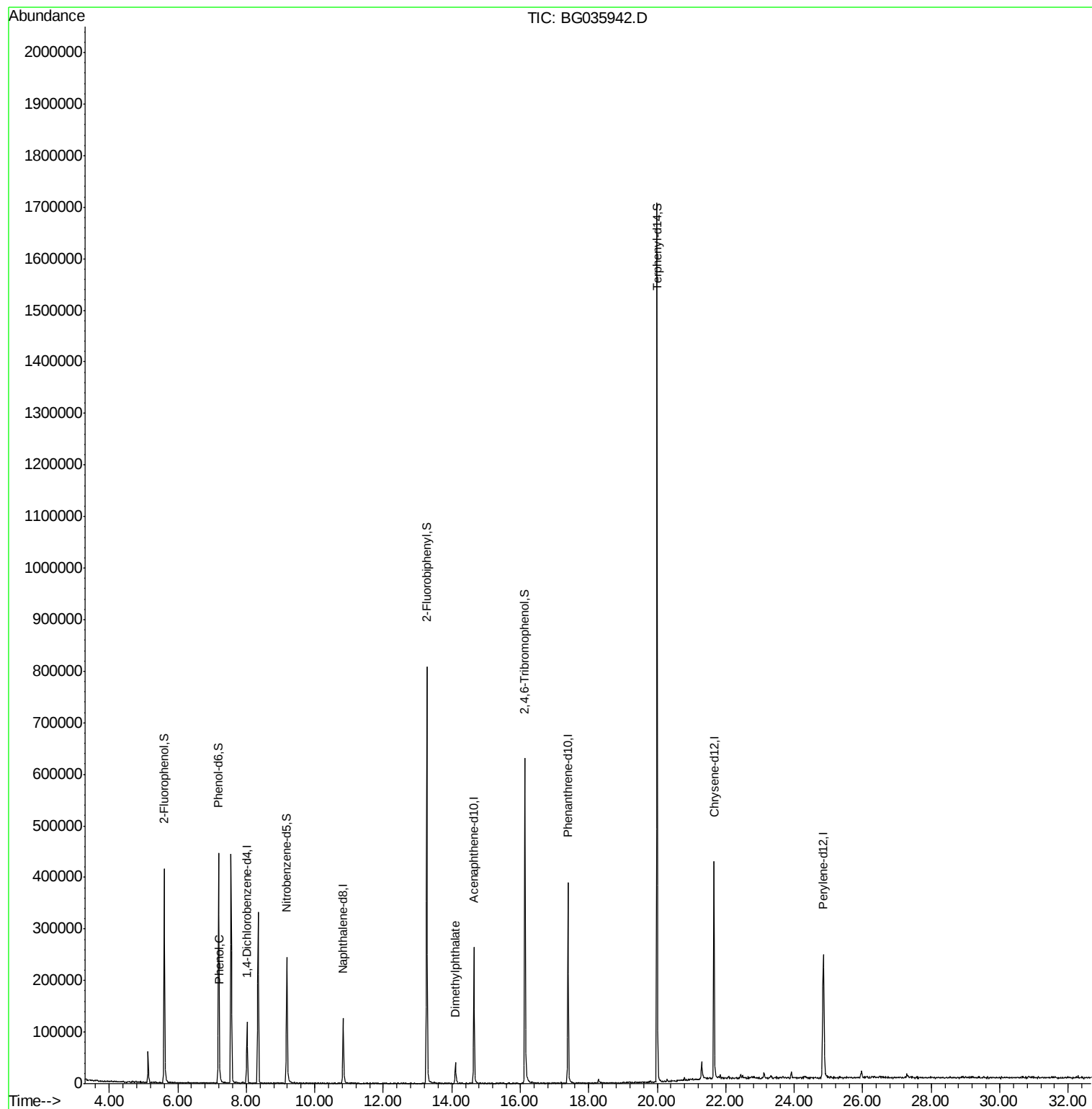
Quant Time: Jul 28 00:12:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31037	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	124230	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	94320	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	273283	20.00	ng	0.00
75) Chrysene-d12	21.66	240	288231	20.00	ng	0.00
86) Perylene-d12	24.85	264	276605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	193494	103.50	ng	0.00
7) Phenol-d6	7.19	99	284505	102.00	ng	0.00
23) Nitrobenzene-d5	9.19	82	185221	62.28	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	127428	102.50	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	466524	66.27	ng	0.00
78) Terphenyl-d14	20.00	244	884026	67.61	ng	0.00
Target Compounds						
10) Phenol	7.22	94	8374	2.972	ng	Qvalue # 81
49) Dimethylphthalate	14.10	163	38826	4.698	ng	# 97

(#) = 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: BG035942.D

Acq: 27 Jul 2018 18:02

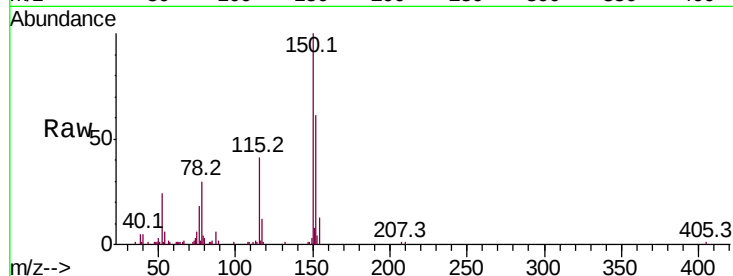
Tot Ion:152 Resp: 31037

Ion Ratio Lower Upper

152 100

150 163.6 126.6 189.8

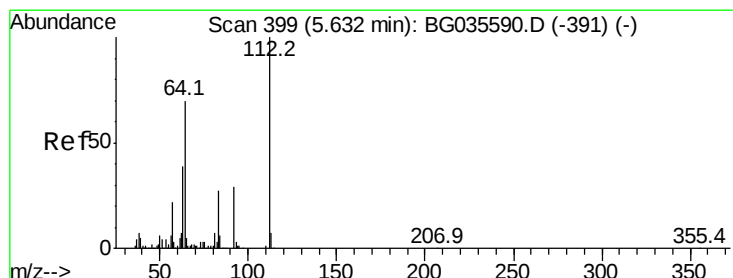
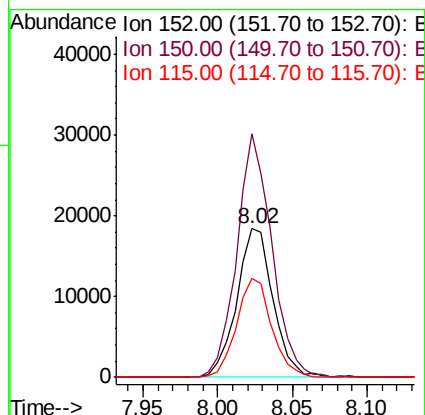
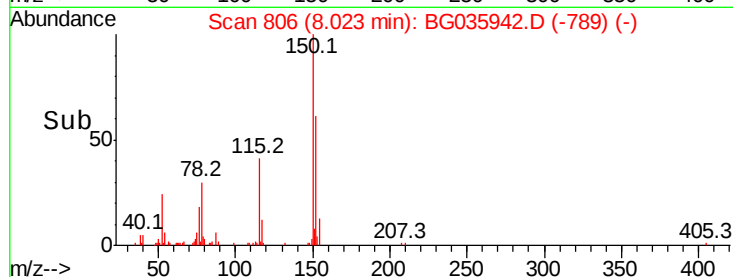
115 66.5 53.0 79.4



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: 103.504 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG035942.D

Acq: 27 Jul 2018 18:02

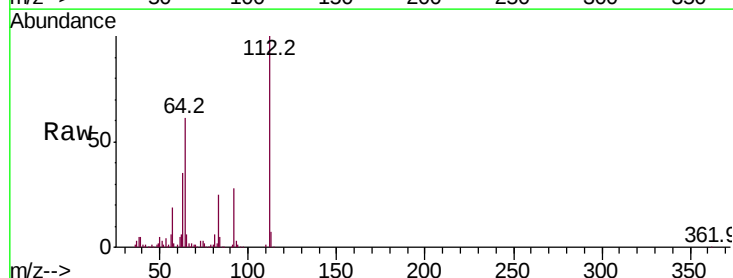
Tgt Ion:112 Resp: 193494

Ion Ratio Lower Upper

112 100

64 61.4 56.3 84.5

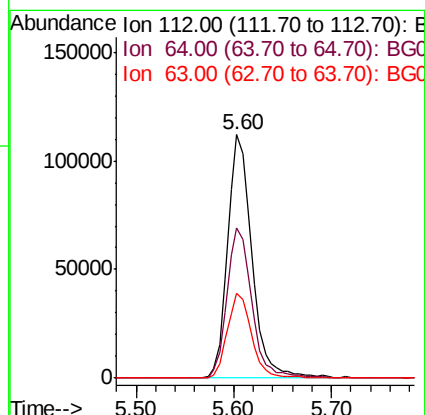
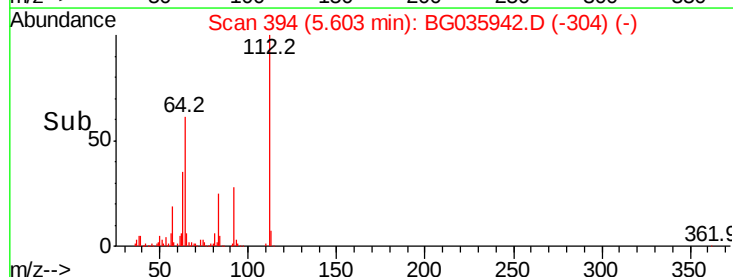
63 34.7 30.1 45.1



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: 102.003 ng

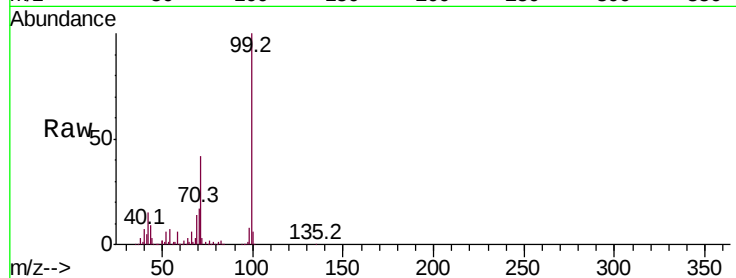
RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

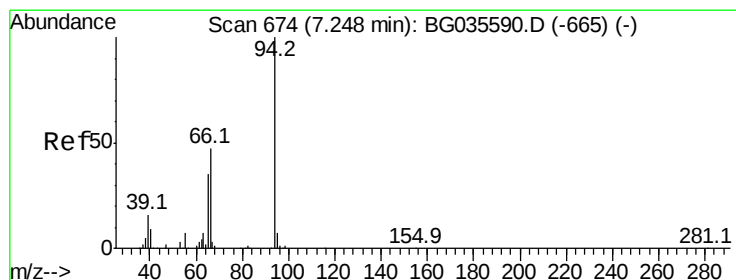
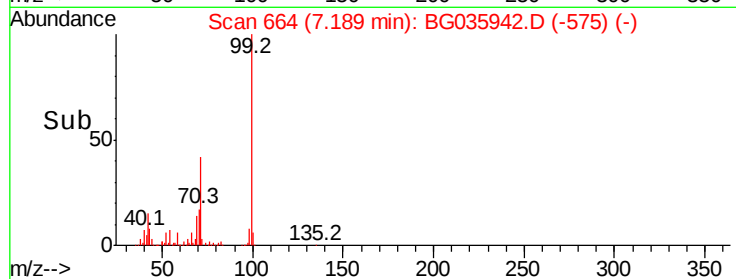
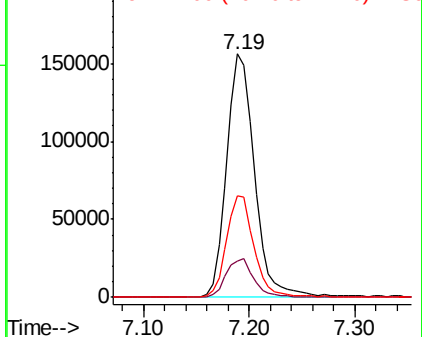
Lab File: BG035942.D

Acq: 27 Jul 2018 18:02

Tot Ion:	99	Resp:	284505
Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.1	21.1
71	41.8	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: 2.972 ng

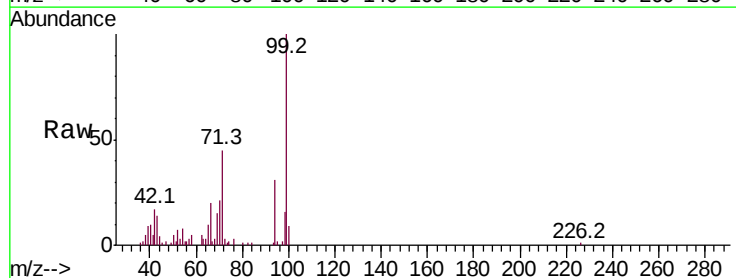
RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

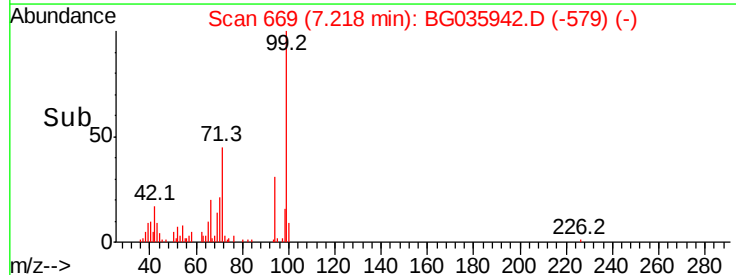
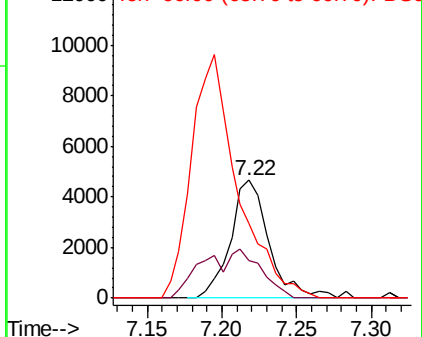
Lab File: BG035942.D

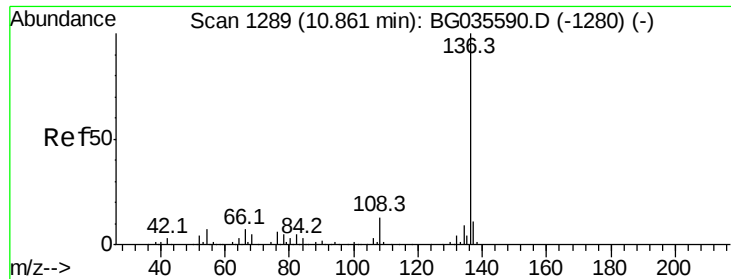
Acq: 27 Jul 2018 18:02

Tgt Ion:	94	Resp:	8374
Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.9	51.9
66	63.1	22.2	62.2#



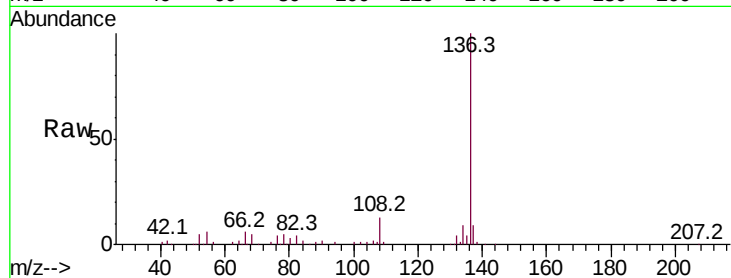
Abundance Ion 94.00 (93.70 to 94.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 66.00 (65.70 to 66.70): BGC



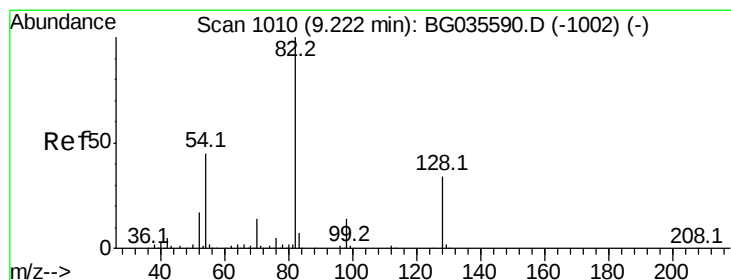
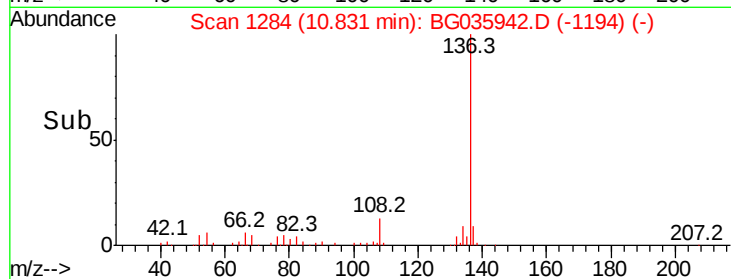
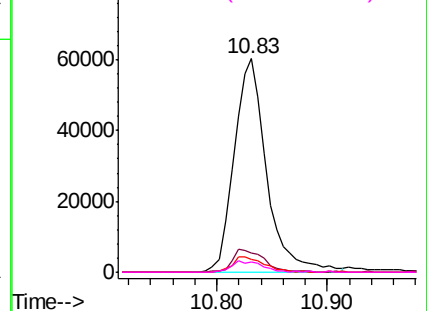


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

Tot Ion:136	Resp:	124230
Ion Ratio	Lower	Upper
136 100		
137 8.9	9.2	13.8#
54 6.2	10.3	15.5#
68 4.7	4.5	6.7

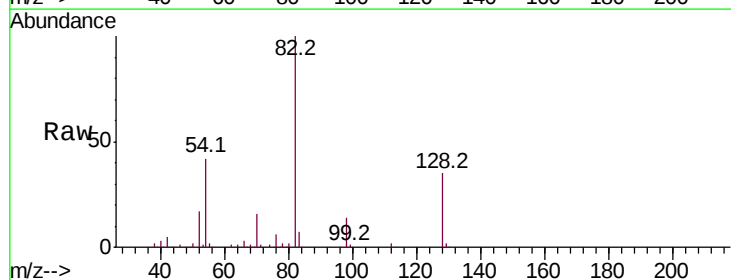


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

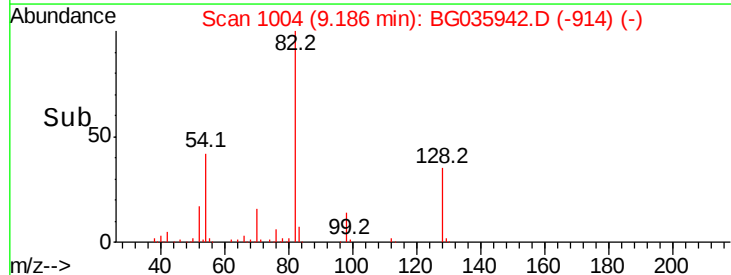
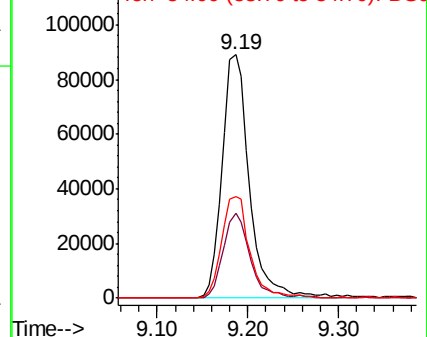


#23
Nitrobenzene-d5
Concen: 62.284 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

Tgt	Ion: 82	Resp:	185221
Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	41.6	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

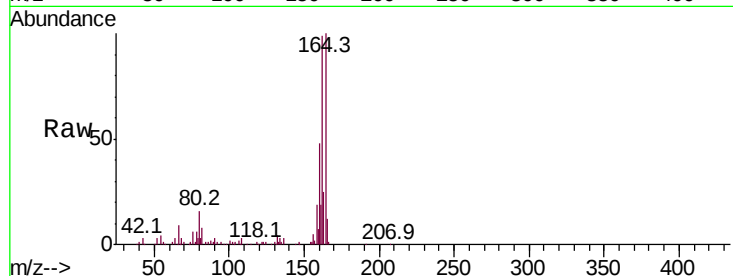
Delta R.T. -0.00 min

Lab File: BG035942.D

Acq: 27 Jul 2018 18:02

Tot Ion:164 Resp: 94320

Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	48.4	35.4	53.0

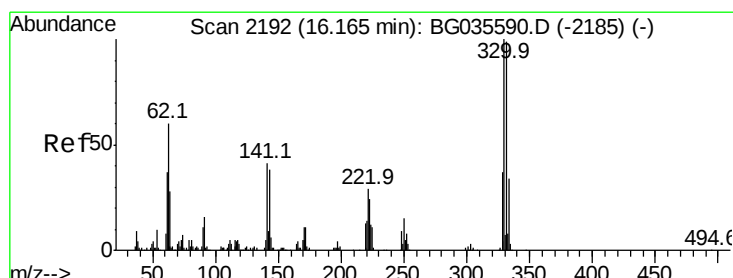
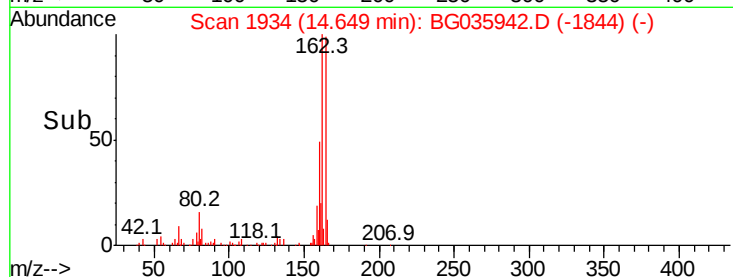
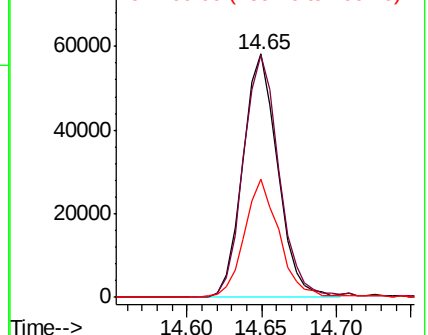


Abundance

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: 102.500 ng

RT: 16.14 min Scan# 2187

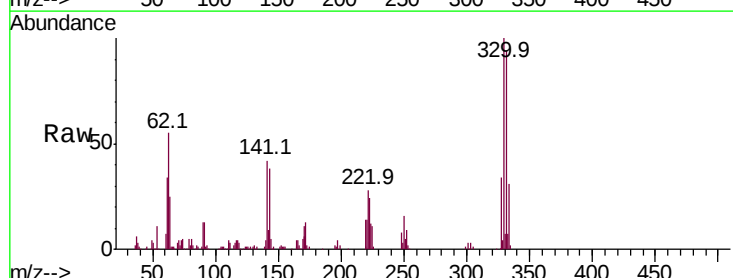
Delta R.T. -0.01 min

Lab File: BG035942.D

Acq: 27 Jul 2018 18:02

Tgt Ion:330 Resp: 127428

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	40.0	25.2	37.8

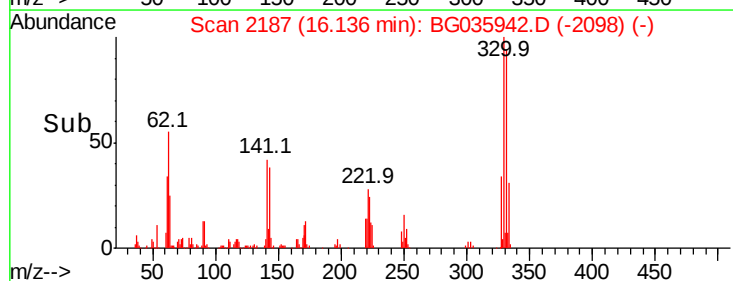
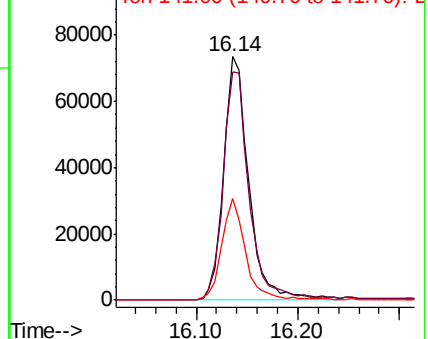


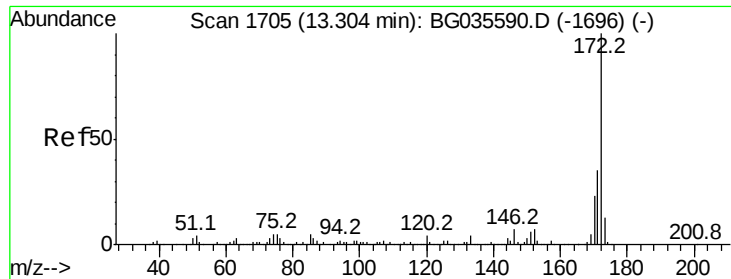
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

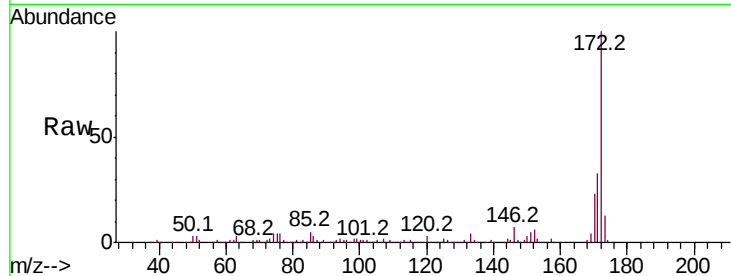
Ion 141.00 (140.70 to 141.70): E



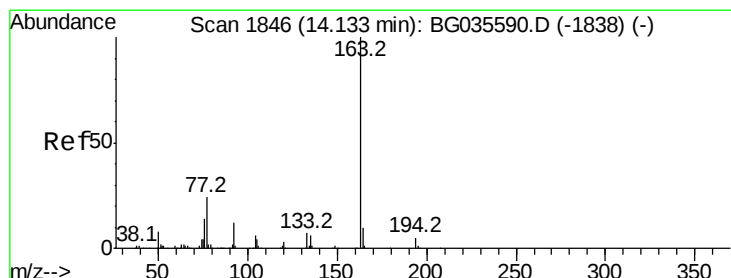
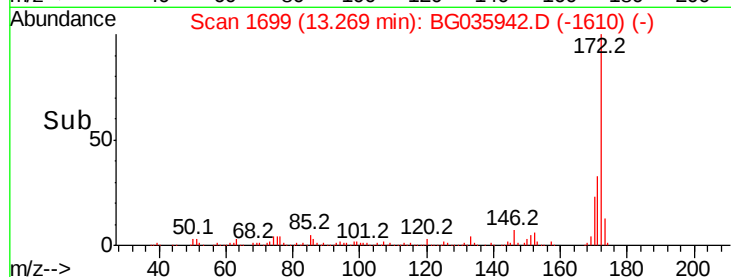
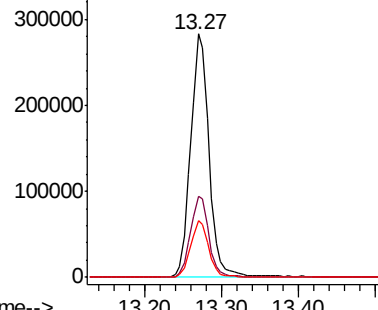


#44
2-Fluorobiphenyl
Concen: 66.266 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

Tot Ion:	172	Resp:	466524
Ion	Ratio	Lower	Upper
172	100		
171	33.2	30.0	45.0
170	23.1	19.5	29.3

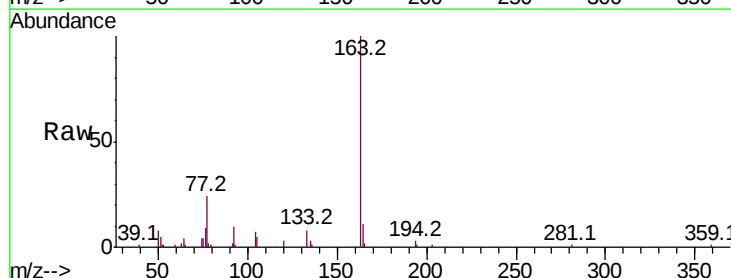


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

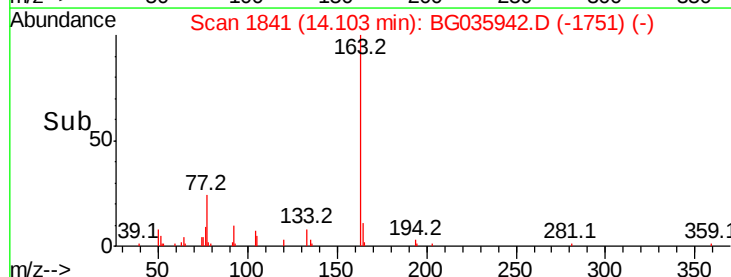
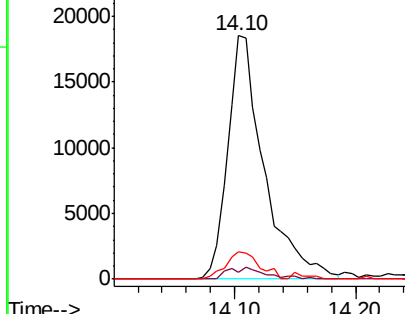


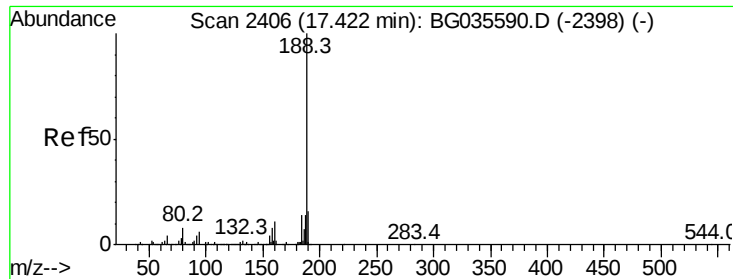
#49
Dimethylphthalate
Concen: 4.698 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

Tgt Ion:	163	Resp:	38826
Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.4	5.2#
164	11.0	8.2	12.4



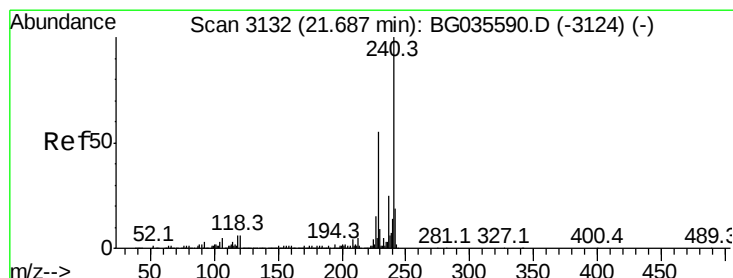
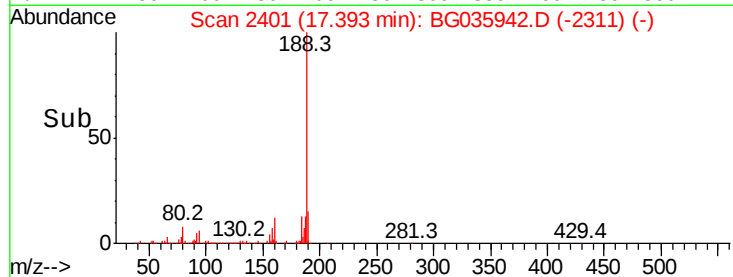
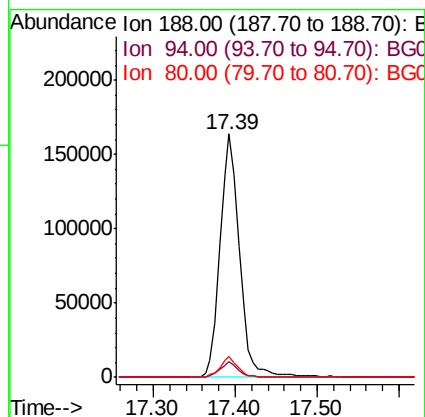
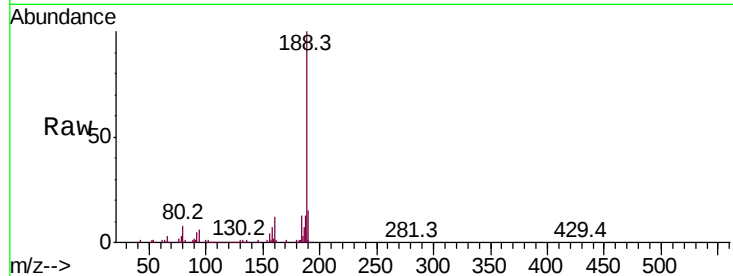
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





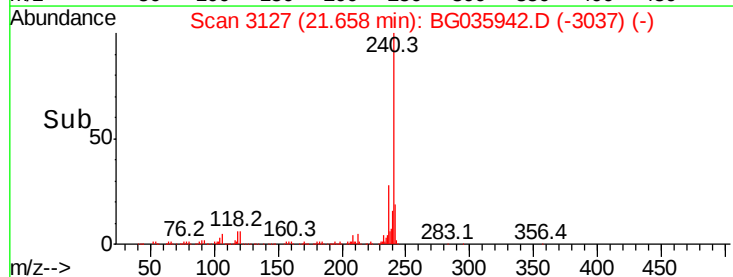
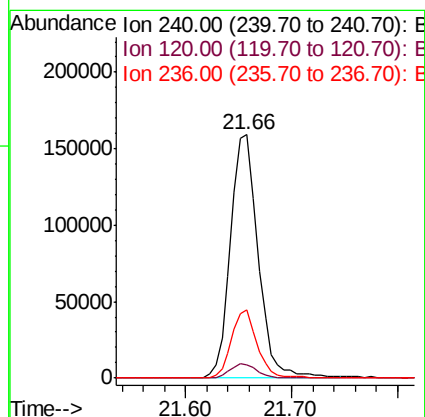
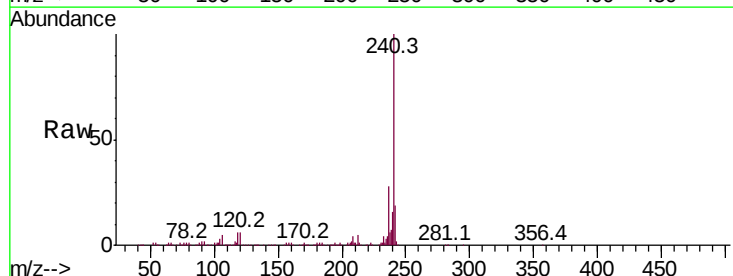
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

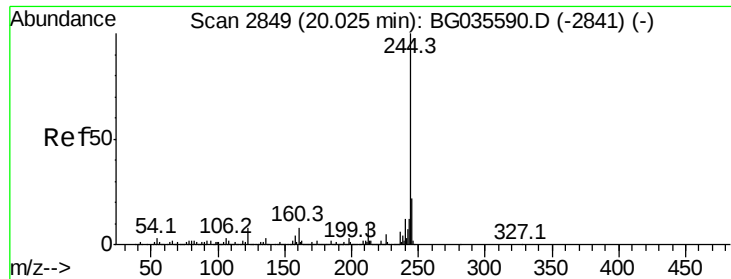
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	8.5	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035942.D
Acq: 27 Jul 2018 18:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	28.2	20.9	31.3





#78

Terphenyl-d14

Concen: 67.608 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035942.D

Acq: 27 Jul 2018 18:02

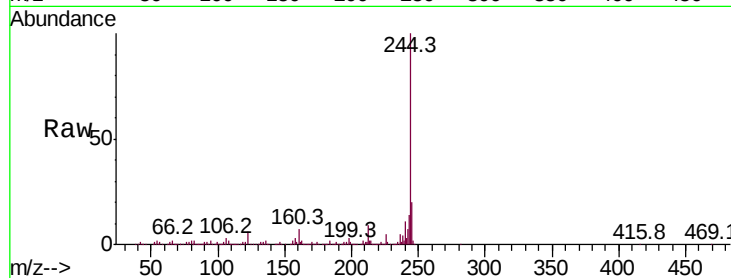
Tot Ion:244 Resp: 884026

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	6.0	7.0	10.4#

244 100

212 8.9 5.8 8.8#

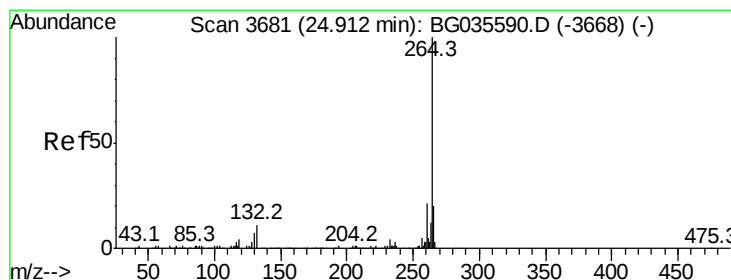
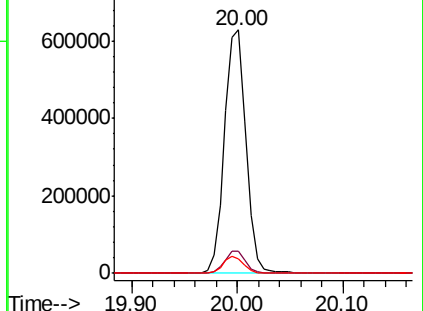
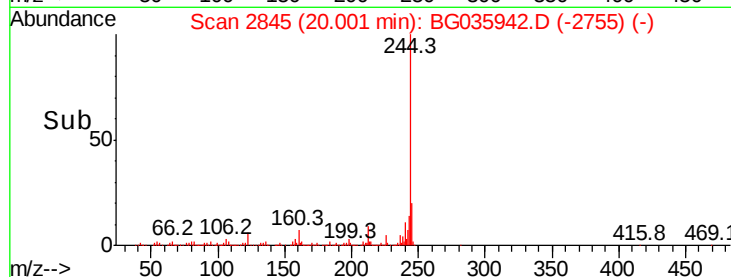
122 6.0 7.0 10.4#



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: BG035942.D

Acq: 27 Jul 2018 18:02

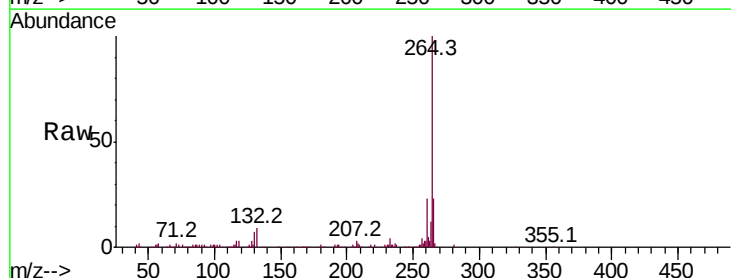
Tgt Ion:264 Resp: 276605

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	23.4	17.7	26.5

264 100

260 23.1 17.4 26.0

265 23.4 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

