

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035947.D
 Acq On : 27 Jul 2018 21:18
 Operator : JU/SJ
 Sample : PB111523BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 28 00:41:28 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

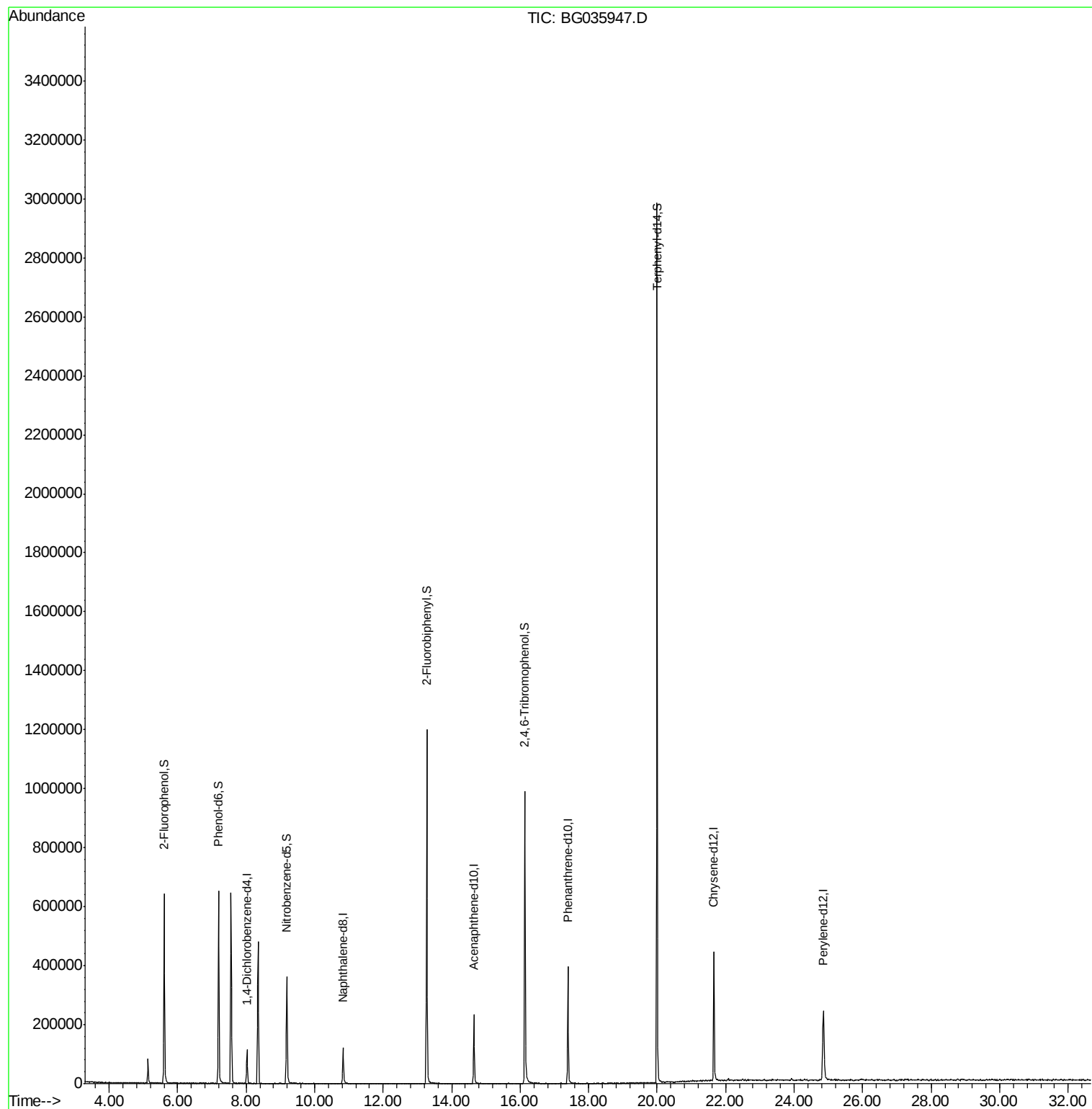
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31583	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	121797	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	92861	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	281697	20.00	ng	0.00
75) Chrysene-d12	21.65	240	306188	20.00	ng	0.00
86) Perylene-d12	24.85	264	284479	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	287486	151.12	ng	0.00
7) Phenol-d6	7.19	99	416460	146.73	ng	0.00
23) Nitrobenzene-d5	9.19	82	266379	91.36	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	200997	164.22	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	677534	97.75	ng	0.00
78) Terphenyl-d14	20.00	244	1419871	102.22	ng	0.00

Target Compounds Qvalue

(#) = 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: BG035947.D

Acq: 27 Jul 2018 21:18

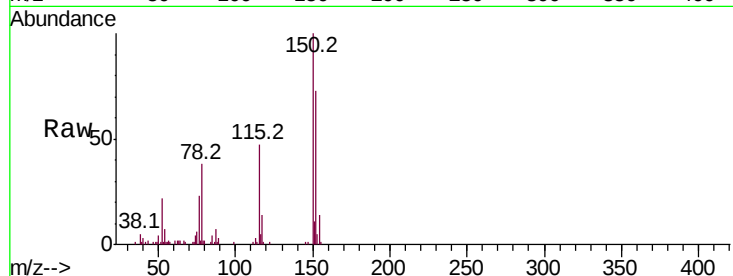
Tot Ion:152 Resp: 31583

Ion Ratio Lower Upper

152 100

150 137.7 126.6 189.8

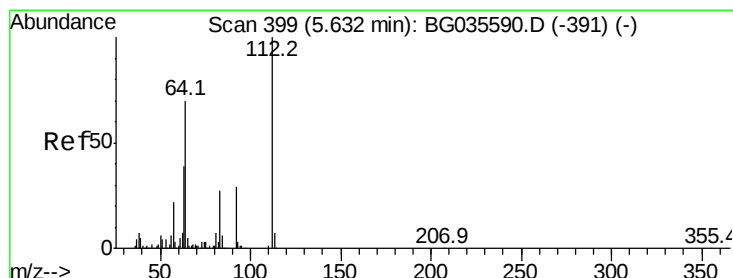
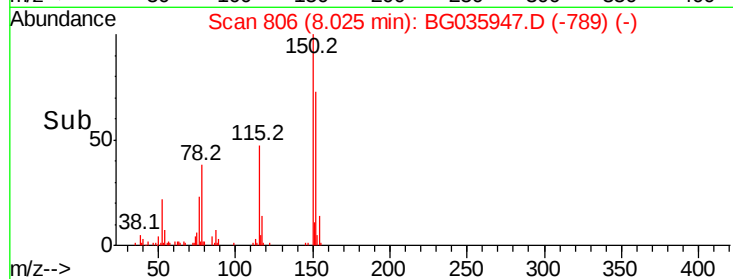
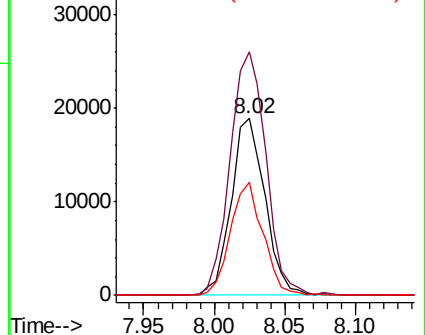
115 64.2 53.0 79.4



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: 151.124 ng

RT: 5.60 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG035947.D

Acq: 27 Jul 2018 21:18

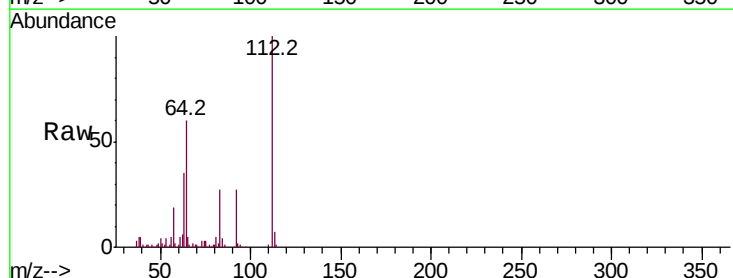
Tgt Ion:112 Resp: 287486

Ion Ratio Lower Upper

112 100

64 59.6 56.3 84.5

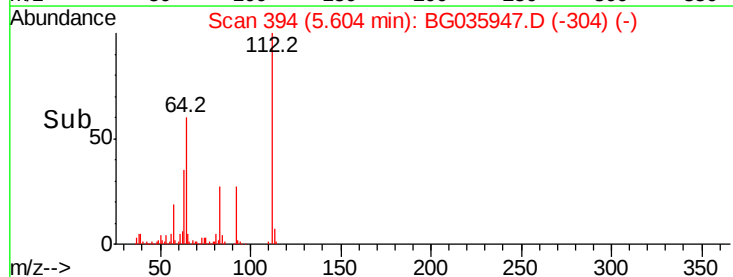
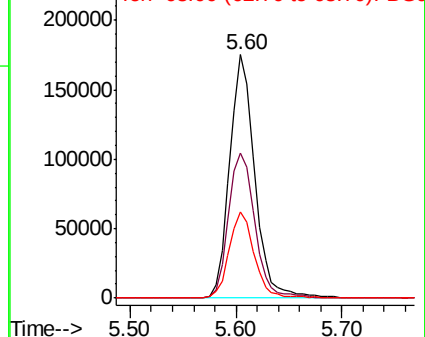
63 35.3 30.1 45.1



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: 146.732 ng

RT: 7.19 min Scan# 664

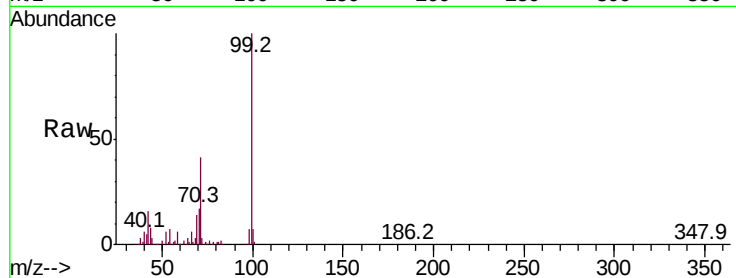
Delta R.T. -0.01 min

Lab File: BG035947.D

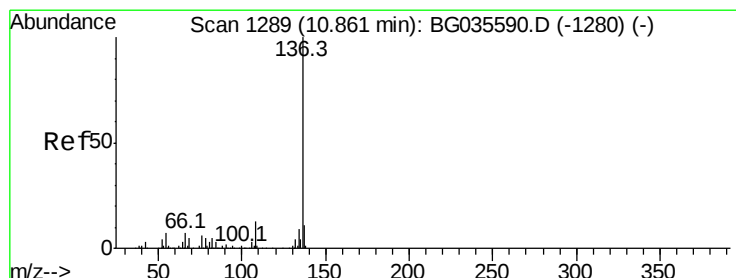
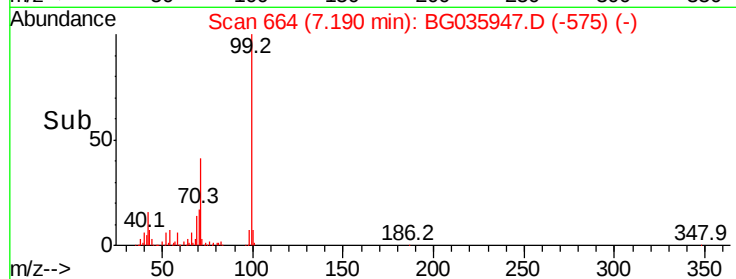
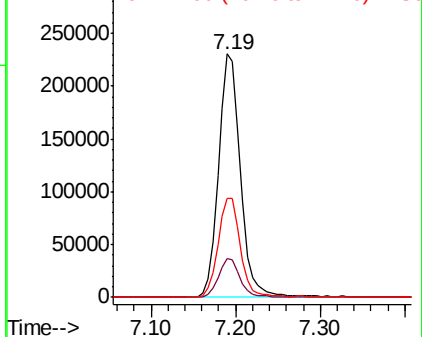
Acq: 27 Jul 2018 21:18

Tot Ion: 99 Resp: 416460

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	40.9	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# 1283

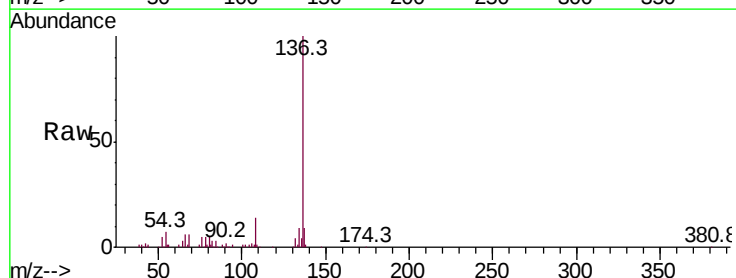
Delta R.T. -0.01 min

Lab File: BG035947.D

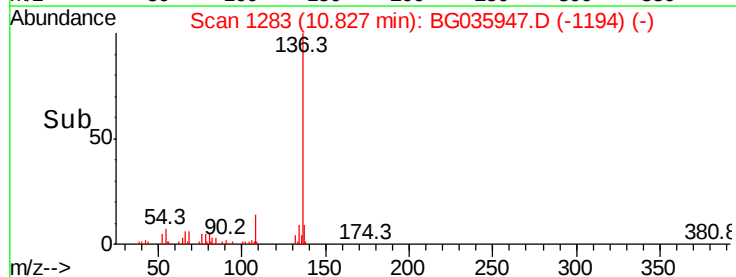
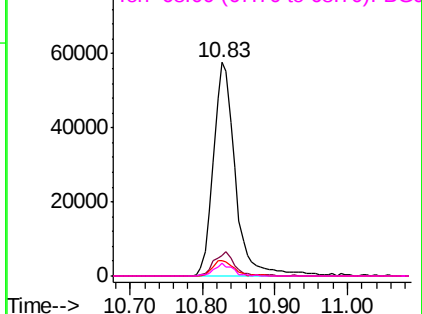
Acq: 27 Jul 2018 21:18

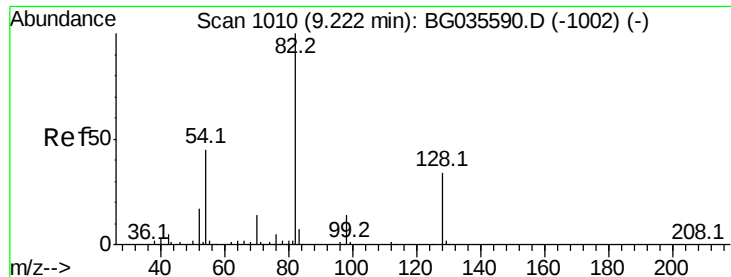
Tgt Ion: 136 Resp: 121797

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	7.3	10.3	15.5#
68	6.1	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: 91.364 ng

RT: 9.19 min Scan# 1004

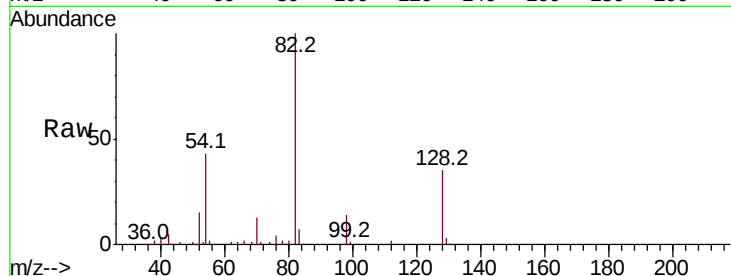
Delta R.T. 0.00 min

Lab File: BG035947.D

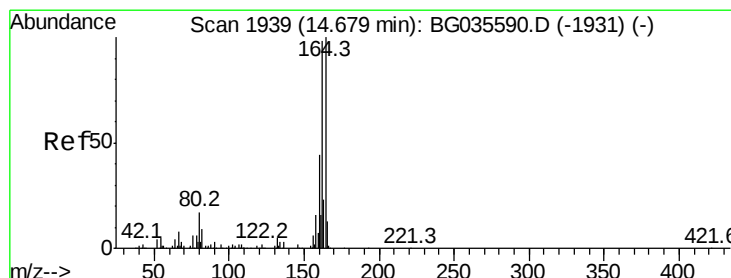
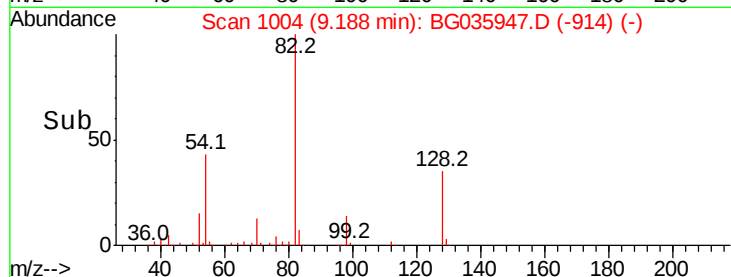
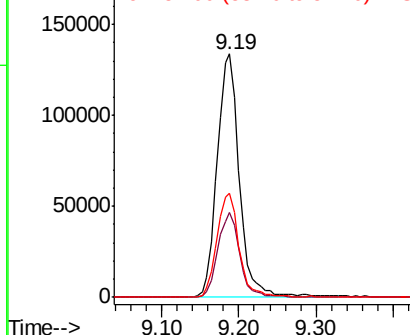
Acq: 27 Jul 2018 21:18

Tot Ion: 82 Resp: 266379

Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	42.7	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

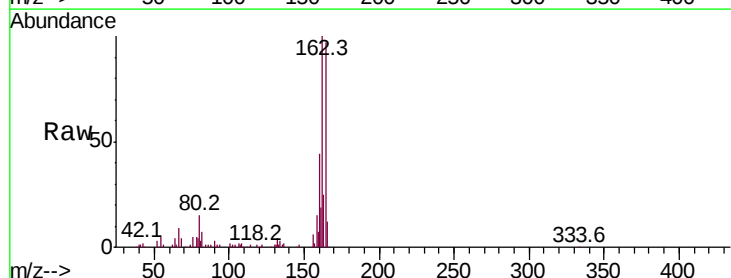
Delta R.T. 0.00 min

Lab File: BG035947.D

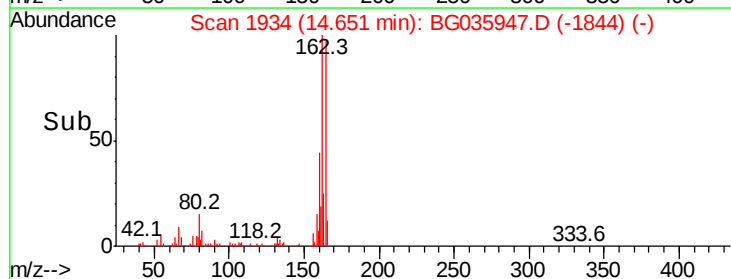
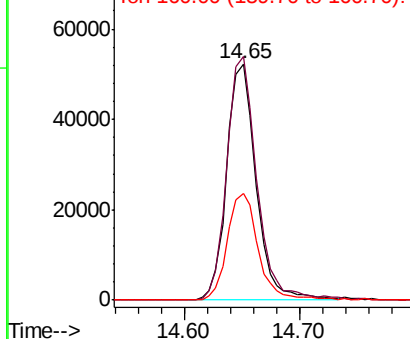
Acq: 27 Jul 2018 21:18

Tgt Ion: 164 Resp: 92861

Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	45.3	35.4	53.0



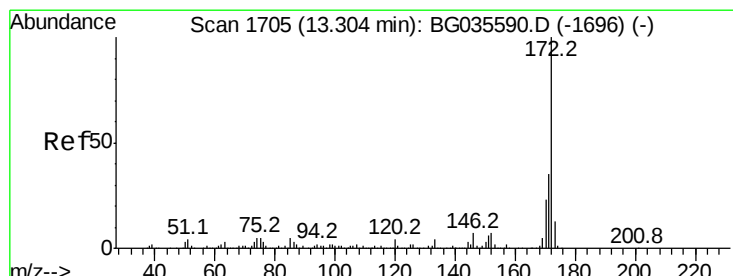
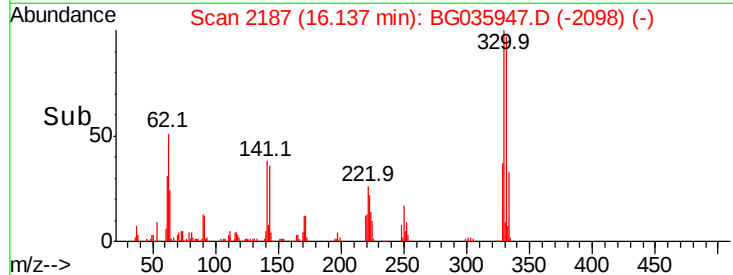
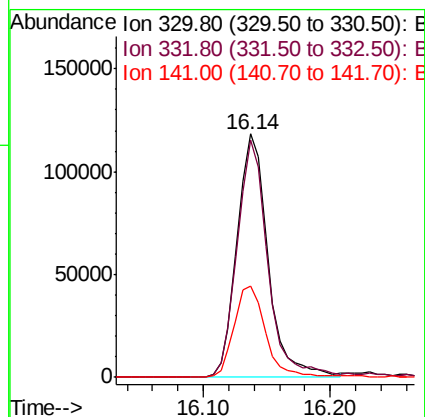
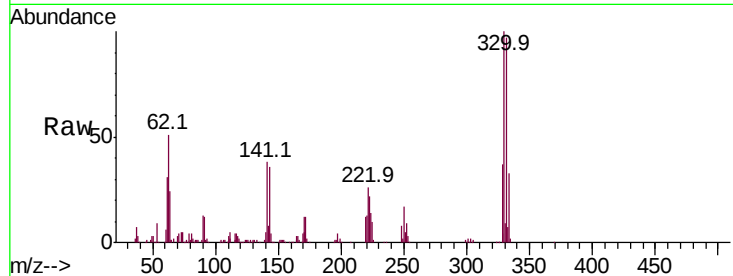
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





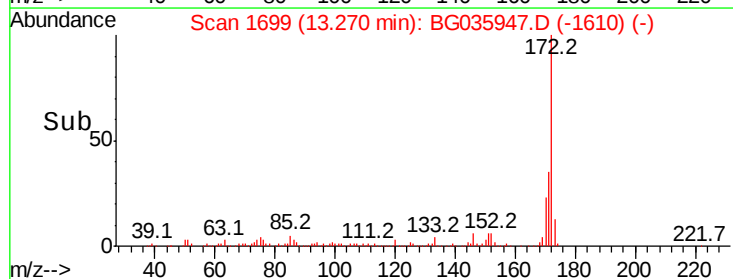
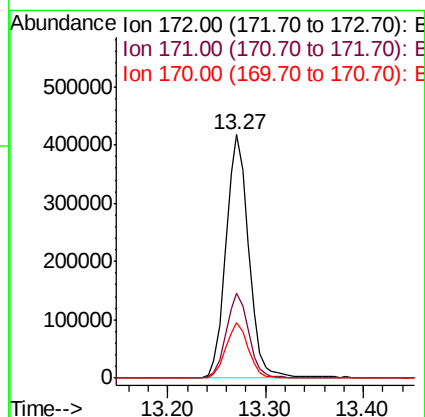
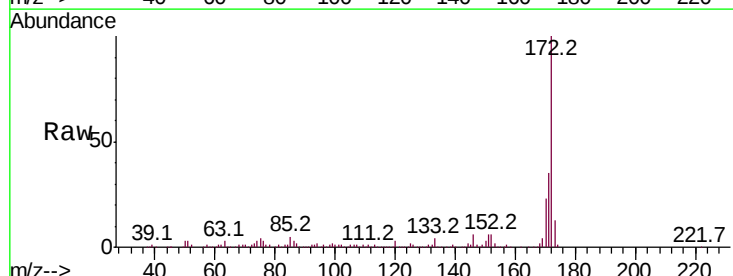
#41
 2,4,6-Tribromophenol
 Concen: 164.218 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035947.D
 Acq: 27 Jul 2018 21:18

Tot Ion:	330	Resp:	200997
Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	38.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 97.750 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035947.D
 Acq: 27 Jul 2018 21:18

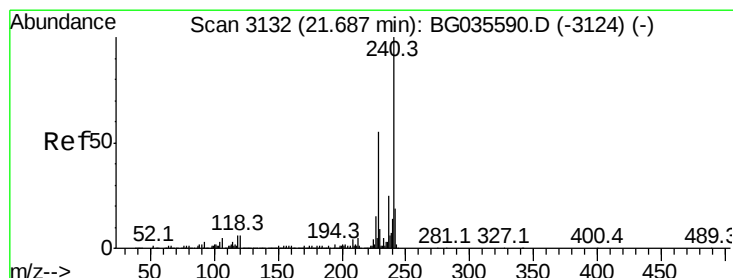
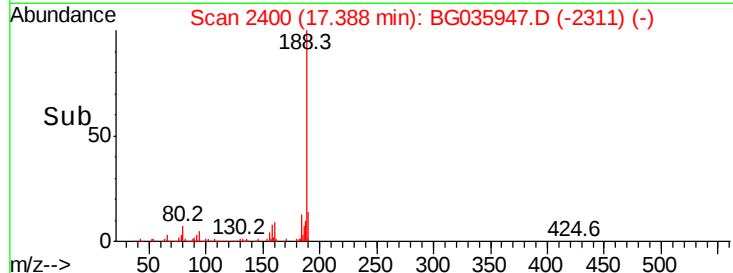
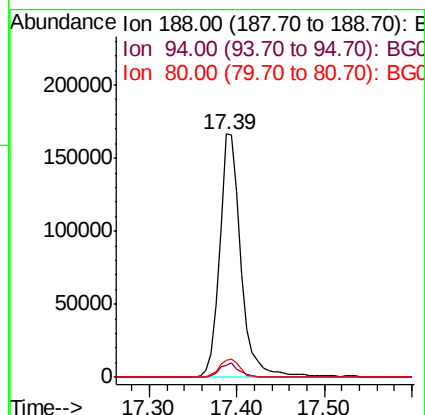
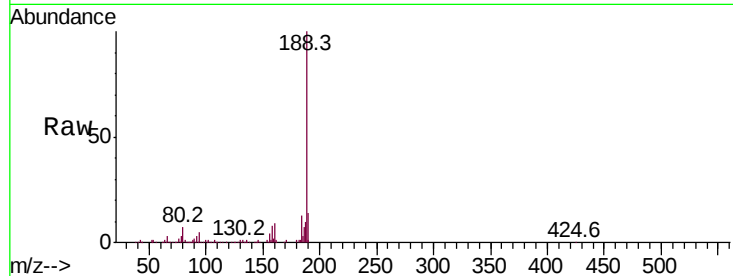
Tgt Ion:	172	Resp:	677534
Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	22.7	19.5	29.3





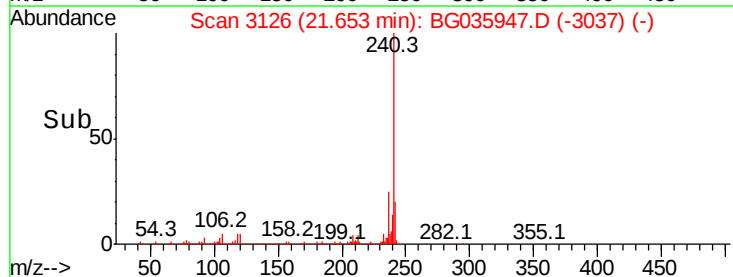
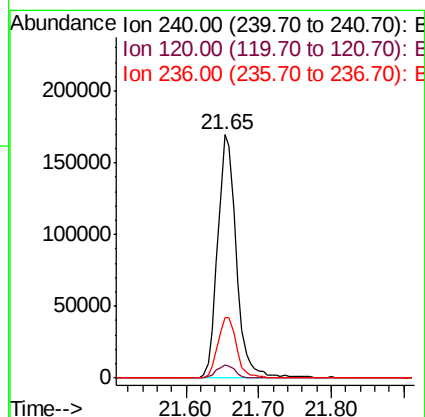
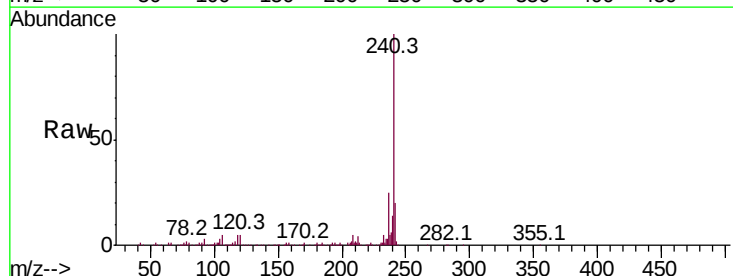
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG035947.D
Acq: 27 Jul 2018 21:18

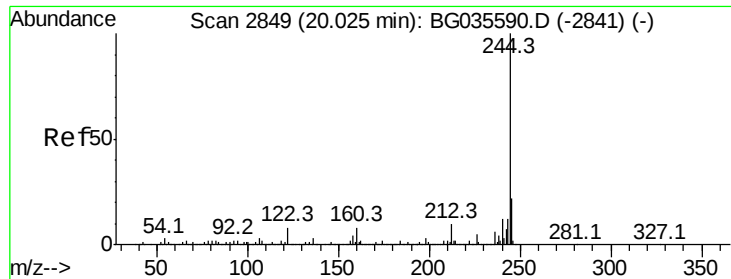
Tot Ion	Ratio	Lower	Upper
188	100		
94	4.7	6.9	10.3#
80	7.2	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035947.D
Acq: 27 Jul 2018 21:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	24.9	20.9	31.3





#78

Terphenyl-d14

Concen: 102.219 ng

RT: 20.00 min Scan# 2844

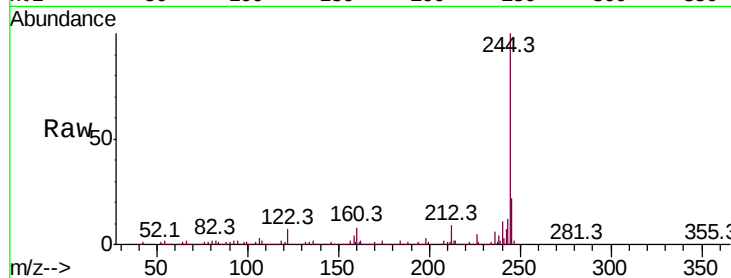
Delta R.T. -0.01 min

Lab File: BG035947.D

Acq: 27 Jul 2018 21:18

Tot Ion:244 Resp: 1419871

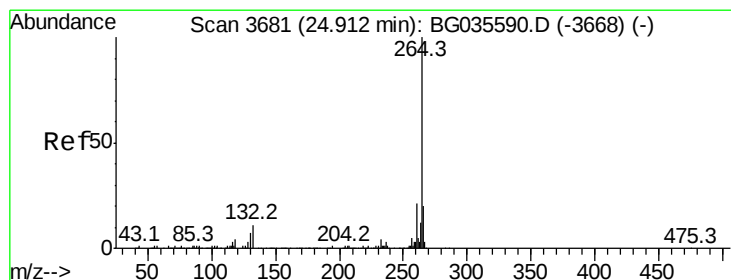
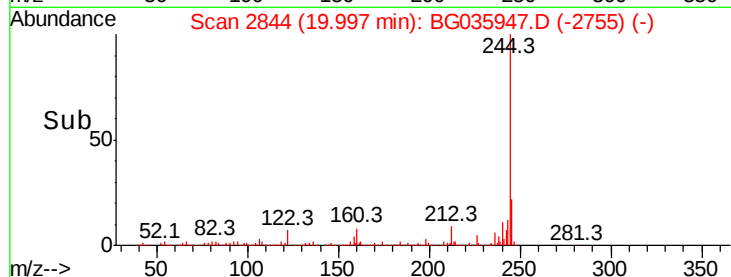
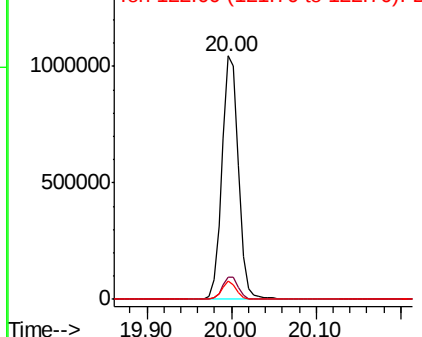
Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	7.3	7.0	10.4



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# 3670

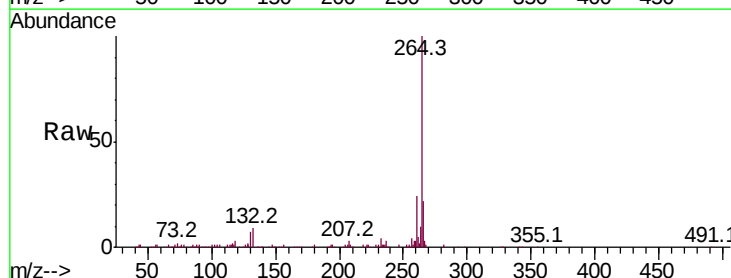
Delta R.T. -0.01 min

Lab File: BG035947.D

Acq: 27 Jul 2018 21:18

Tgt Ion:264 Resp: 284479

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.6	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

