

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035938.D
 Acq On : 27 Jul 2018 15:26
 Operator : JU/SJ
 Sample : PB111517BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 27 17:14:49 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

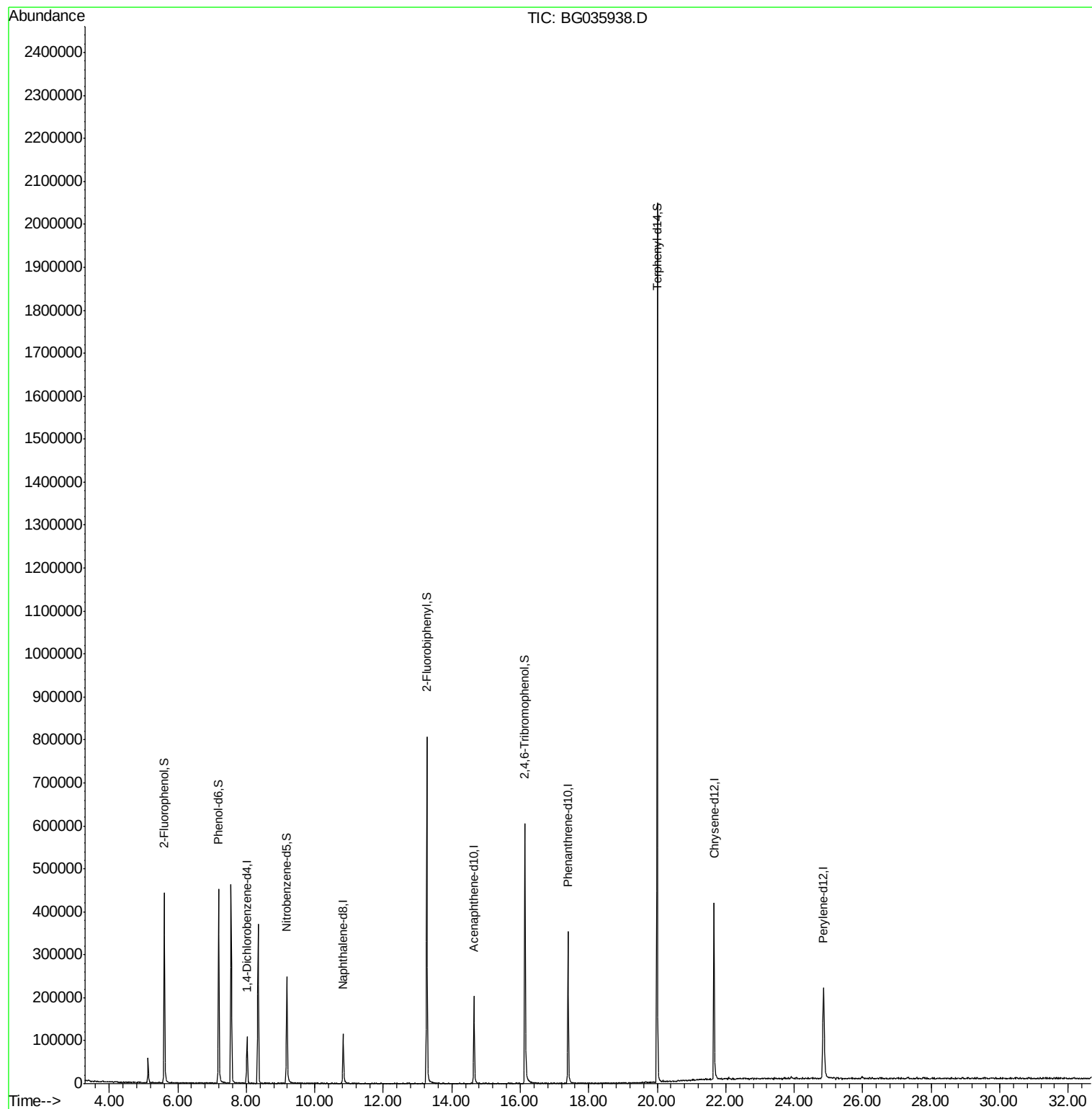
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31470	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	105351	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	82823	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	261699	20.00	ng	0.00
75) Chrysene-d12	21.66	240	294034	20.00	ng	0.00
86) Perylene-d12	24.85	264	263382	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	204833	108.06	ng	0.00
7) Phenol-d6	7.19	99	295510	104.49	ng	0.00
23) Nitrobenzene-d5	9.19	82	184890	73.31	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	130276	119.34	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	481646	77.91	ng	0.00
78) Terphenyl-d14	20.00	244	1032461	77.40	ng	0.00

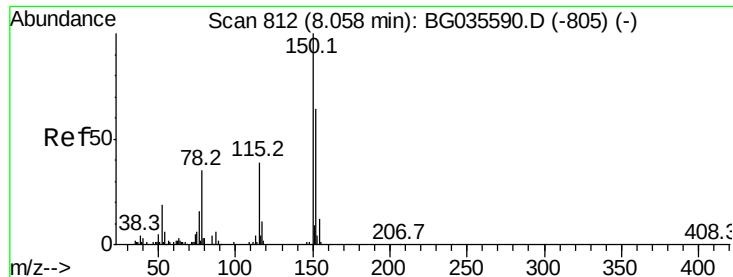
Target Compounds Qvalue

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

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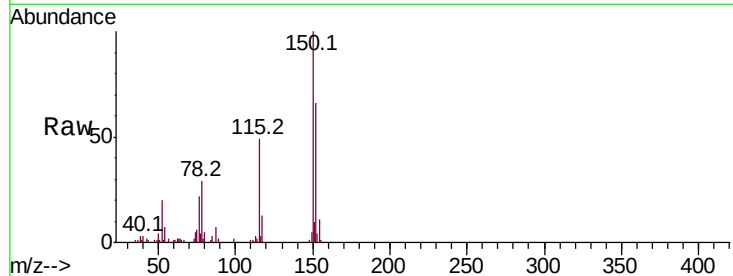




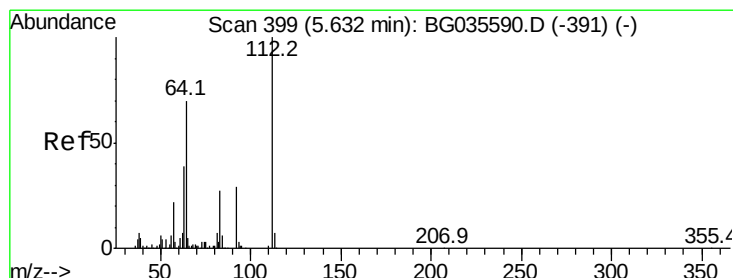
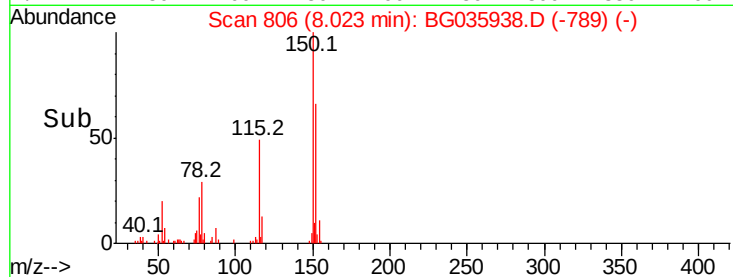
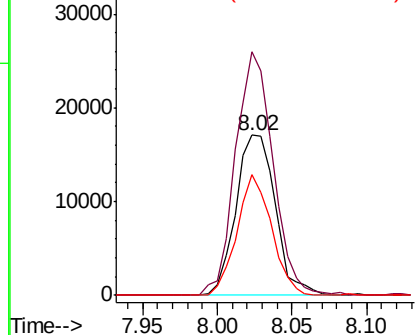
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.6	189.8
115	75.1	53.0	79.4



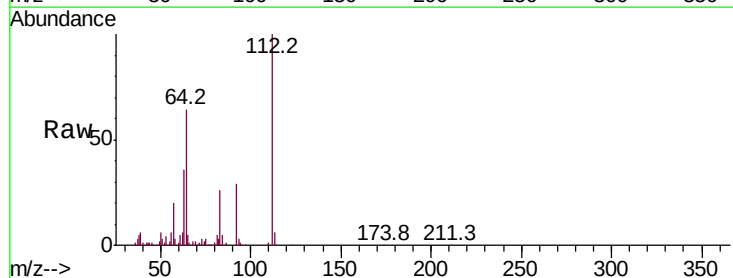
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



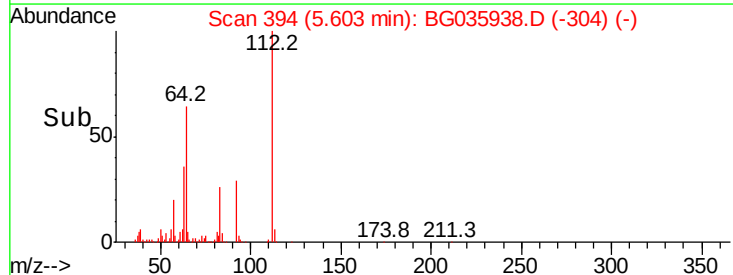
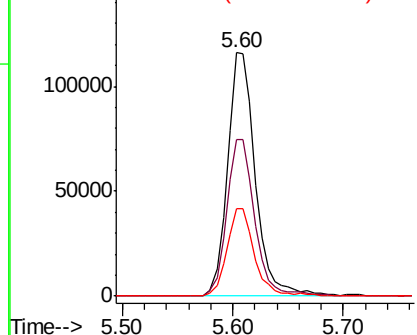
#5

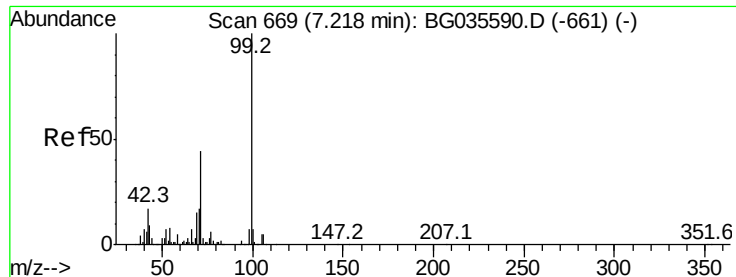
2-Fluorophenol
Concen: 108.062 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	56.3	84.5
63	36.0	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: 104.491 ng

RT: 7.19 min Scan# 665

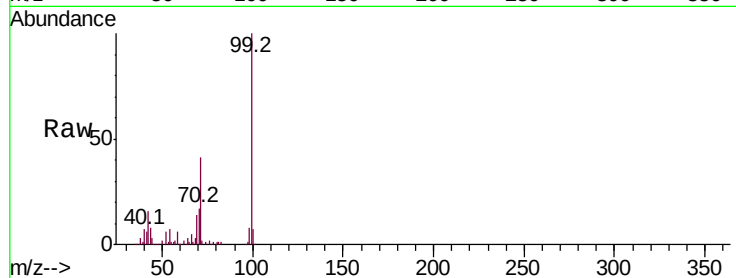
Delta R.T. -0.00 min

Lab File: BG035938.D

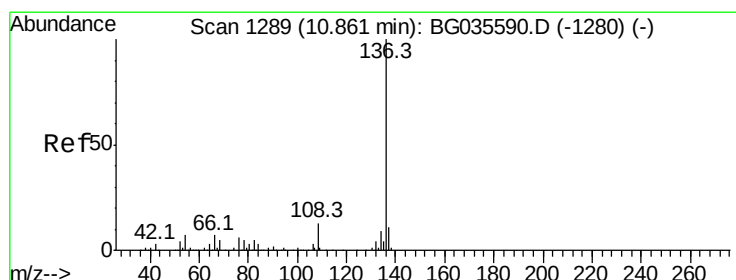
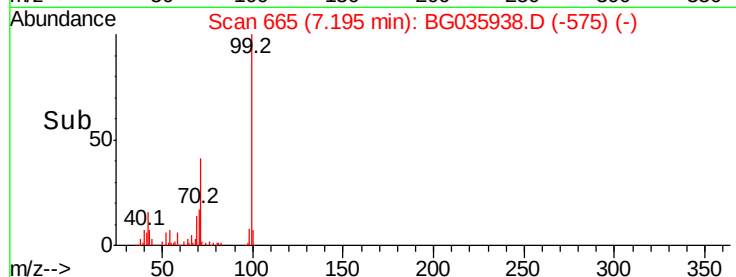
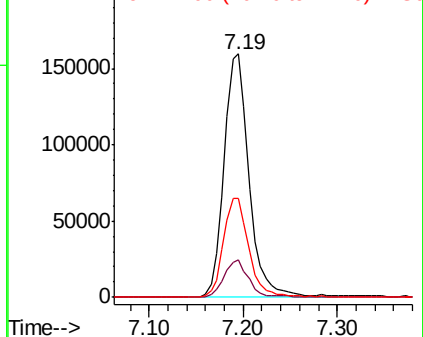
Acq: 27 Jul 2018 15:26

Tot Ion: 99 Resp: 295510

Ion	Ratio	Lower	Upper
99	100		
42	15.6	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# 1284

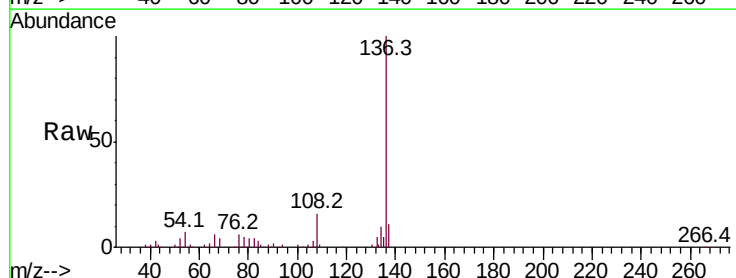
Delta R.T. -0.00 min

Lab File: BG035938.D

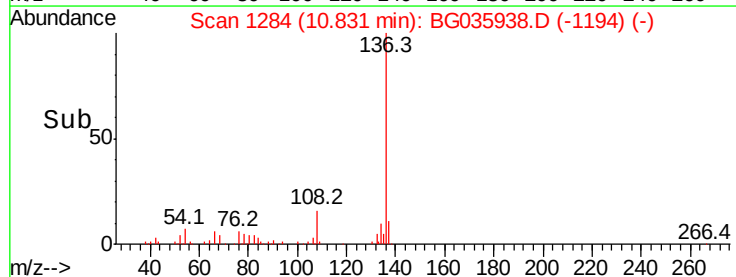
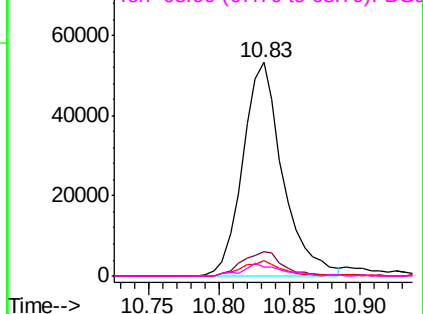
Acq: 27 Jul 2018 15:26

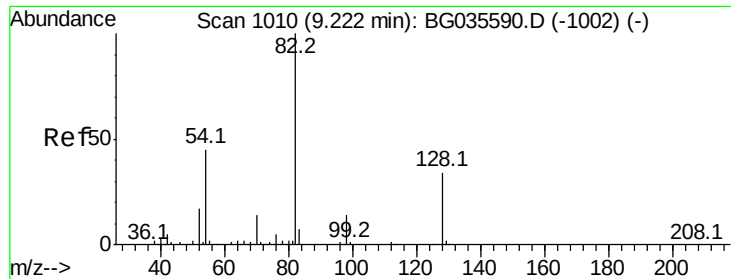
Tgt Ion: 136 Resp: 105351

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.9	10.3	15.5#
68	4.1	4.5	6.7#



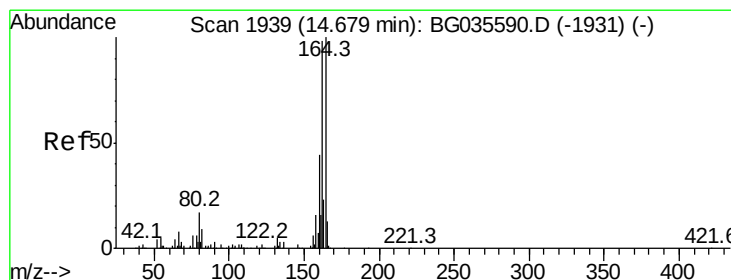
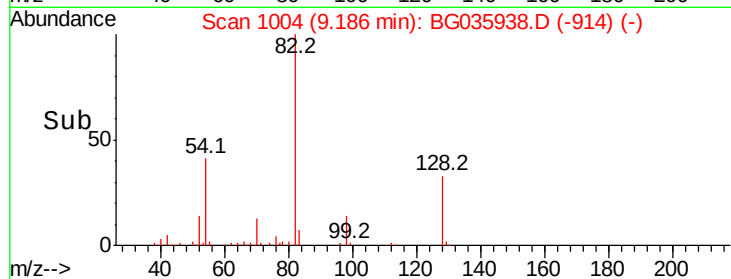
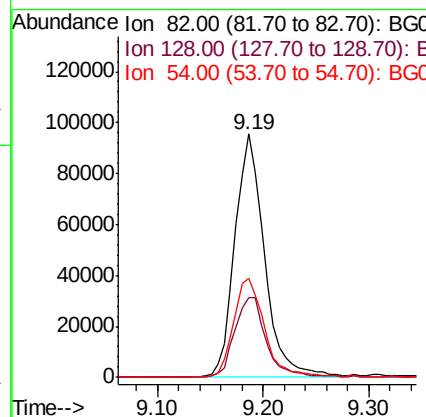
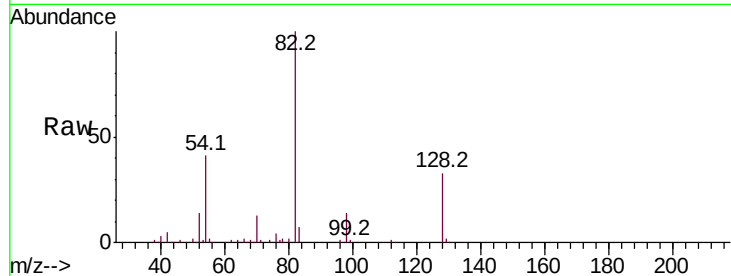
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





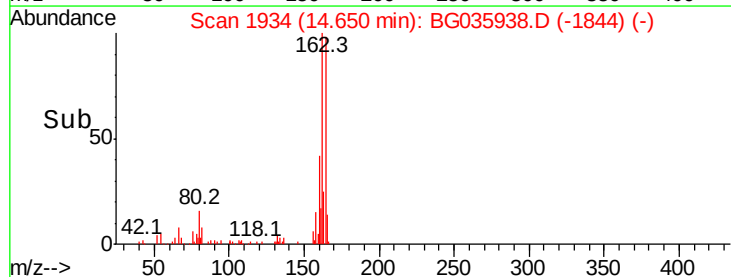
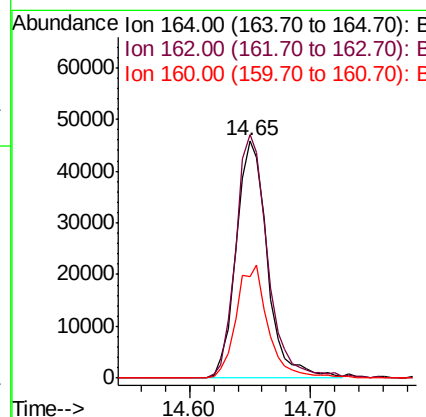
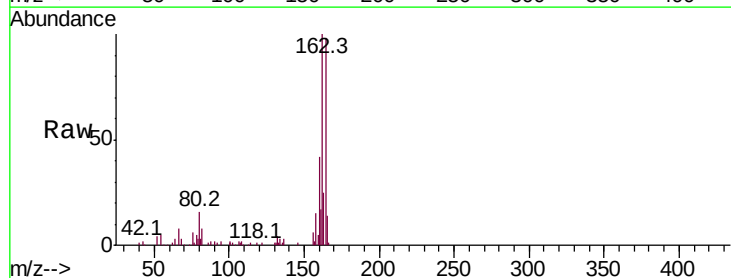
#23
 Nitrobenzene-d5
 Concen: 73.314 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035938.D
 Acq: 27 Jul 2018 15:26

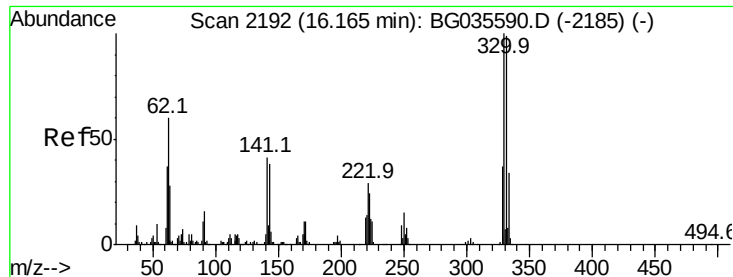
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.9	29.7	44.5
54	40.6	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035938.D
 Acq: 27 Jul 2018 15:26

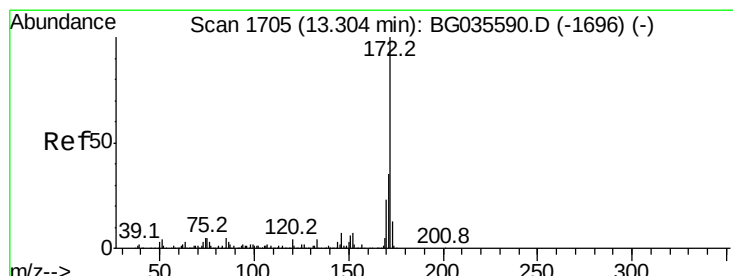
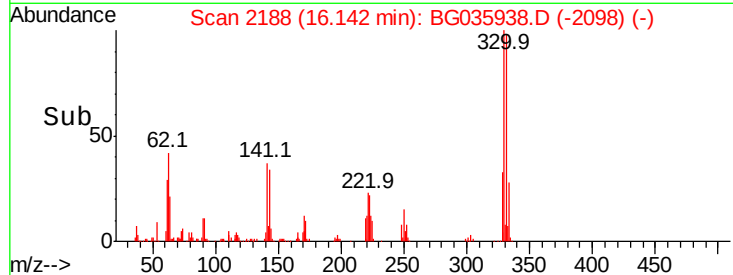
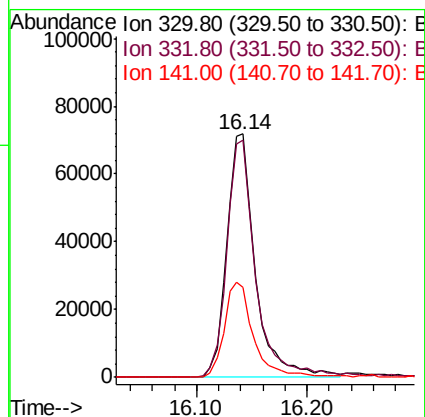
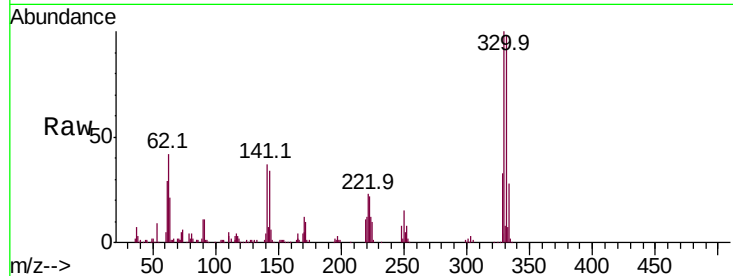
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	42.7	35.4	53.0





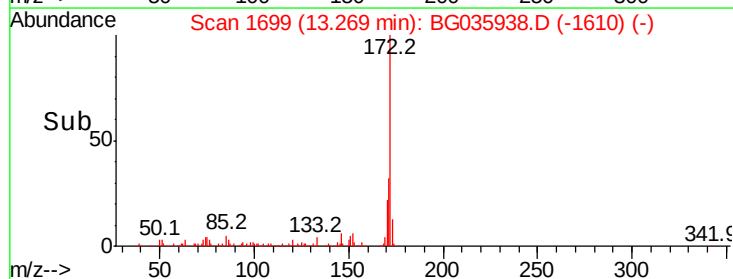
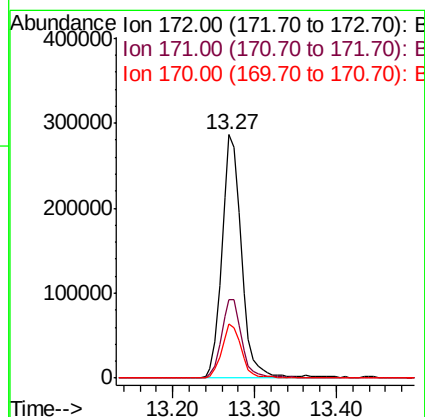
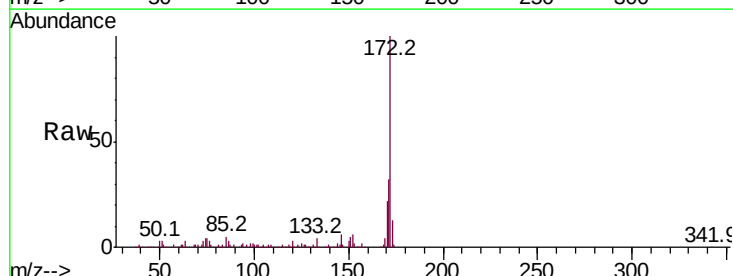
#41
2,4,6-Tribromophenol
Concen: 119.337 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

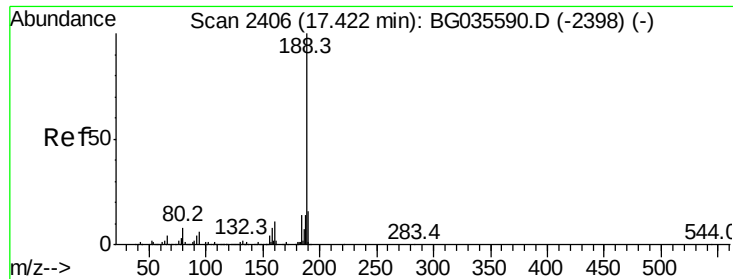
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	39.4	25.2	37.8#



#44
2-Fluorobiphenyl
Concen: 77.911 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035938.D
Acq: 27 Jul 2018 15:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.4	30.0	45.0
170	22.4	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

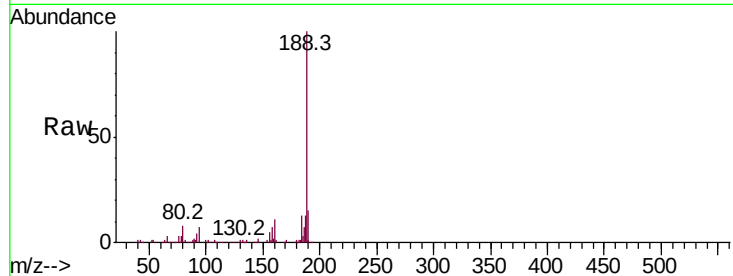
Delta R.T. -0.00 min

Lab File: BG035938.D

Acq: 27 Jul 2018 15:26

Tot Ion:188 Resp: 261699

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.8	7.7	11.5

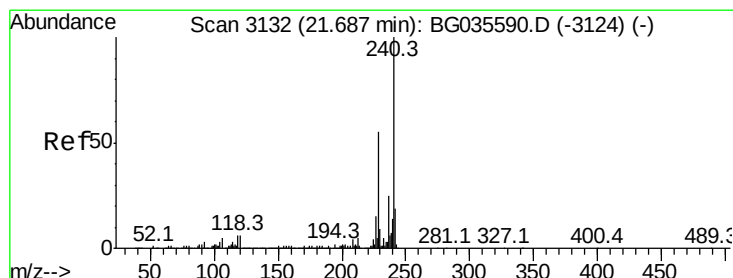
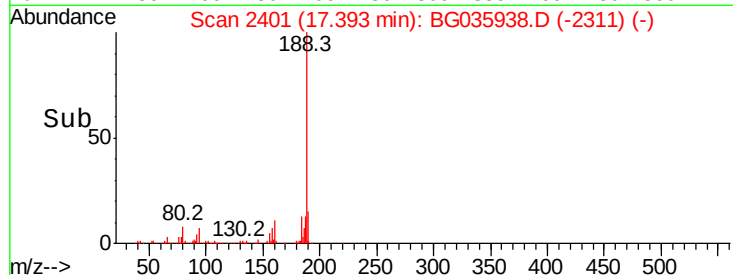
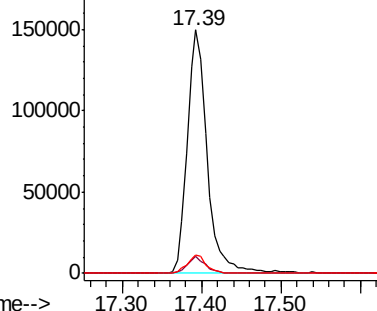


Abundance Ion 188.00 (187.70 to 188.70): E

200000

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

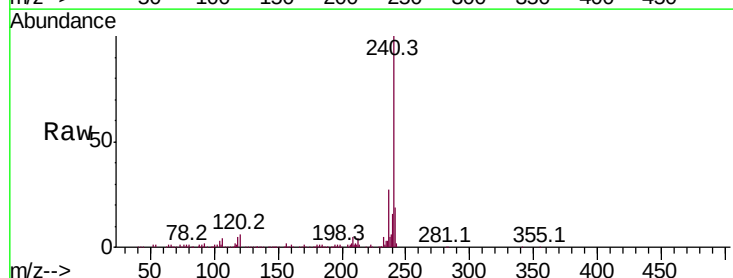
Delta R.T. -0.00 min

Lab File: BG035938.D

Acq: 27 Jul 2018 15:26

Tgt Ion:240 Resp: 294034

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	27.2	20.9	31.3

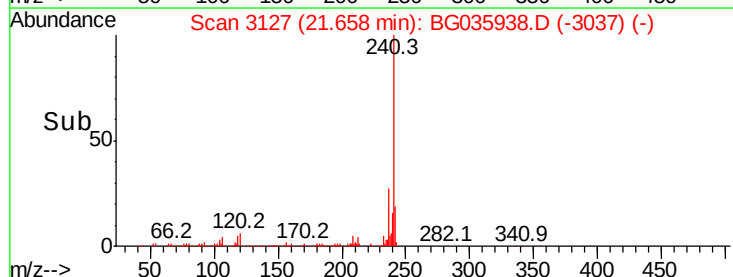
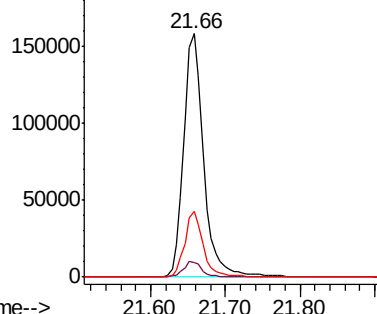


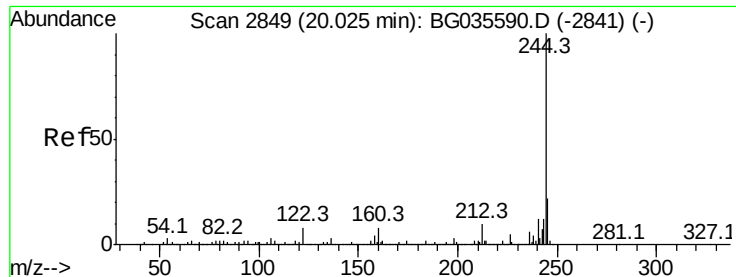
Abundance Ion 240.00 (239.70 to 240.70): E

200000

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.401 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035938.D

Acq: 27 Jul 2018 15:26

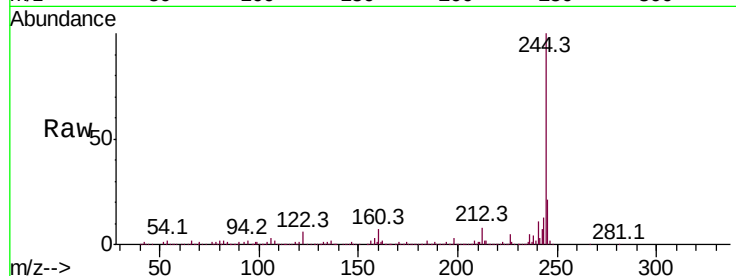
Tot Ion:244 Resp: 1032461

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	6.5	7.0	10.4

244 100

212 8.2 5.8 8.8

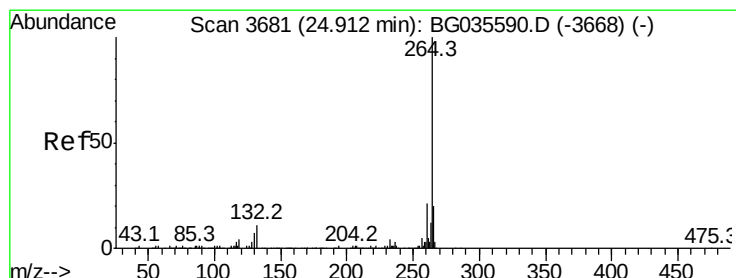
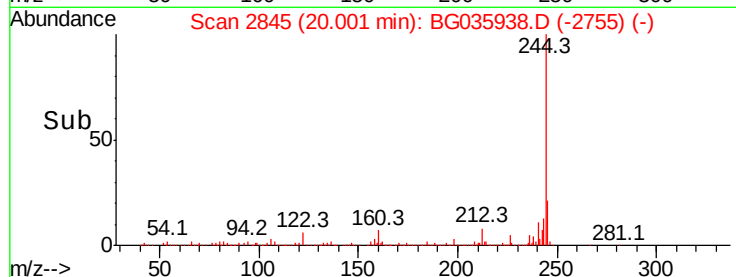
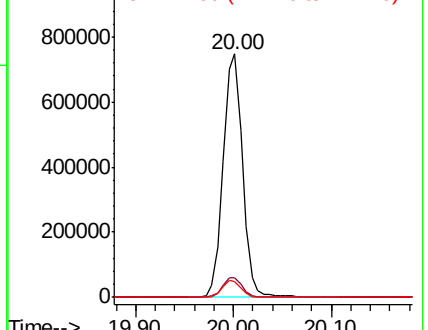
122 6.5 7.0 10.4



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: BG035938.D

Acq: 27 Jul 2018 15:26

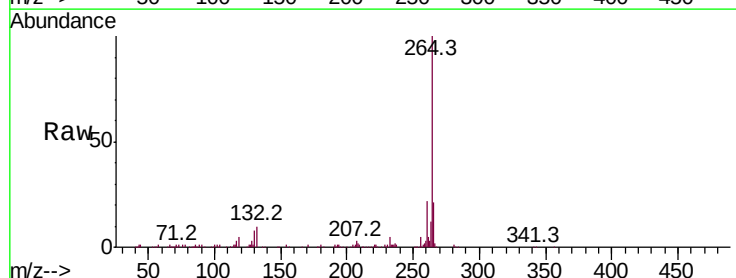
Tgt Ion:264 Resp: 263382

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	21.2	17.7	26.5

264 100

260 22.2 17.4 26.0

265 21.2 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

