

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035959.D
 Acq On : 28 Jul 2018 5:46
 Operator : JU/SJ
 Sample : J4189-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 28 07:00:14 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

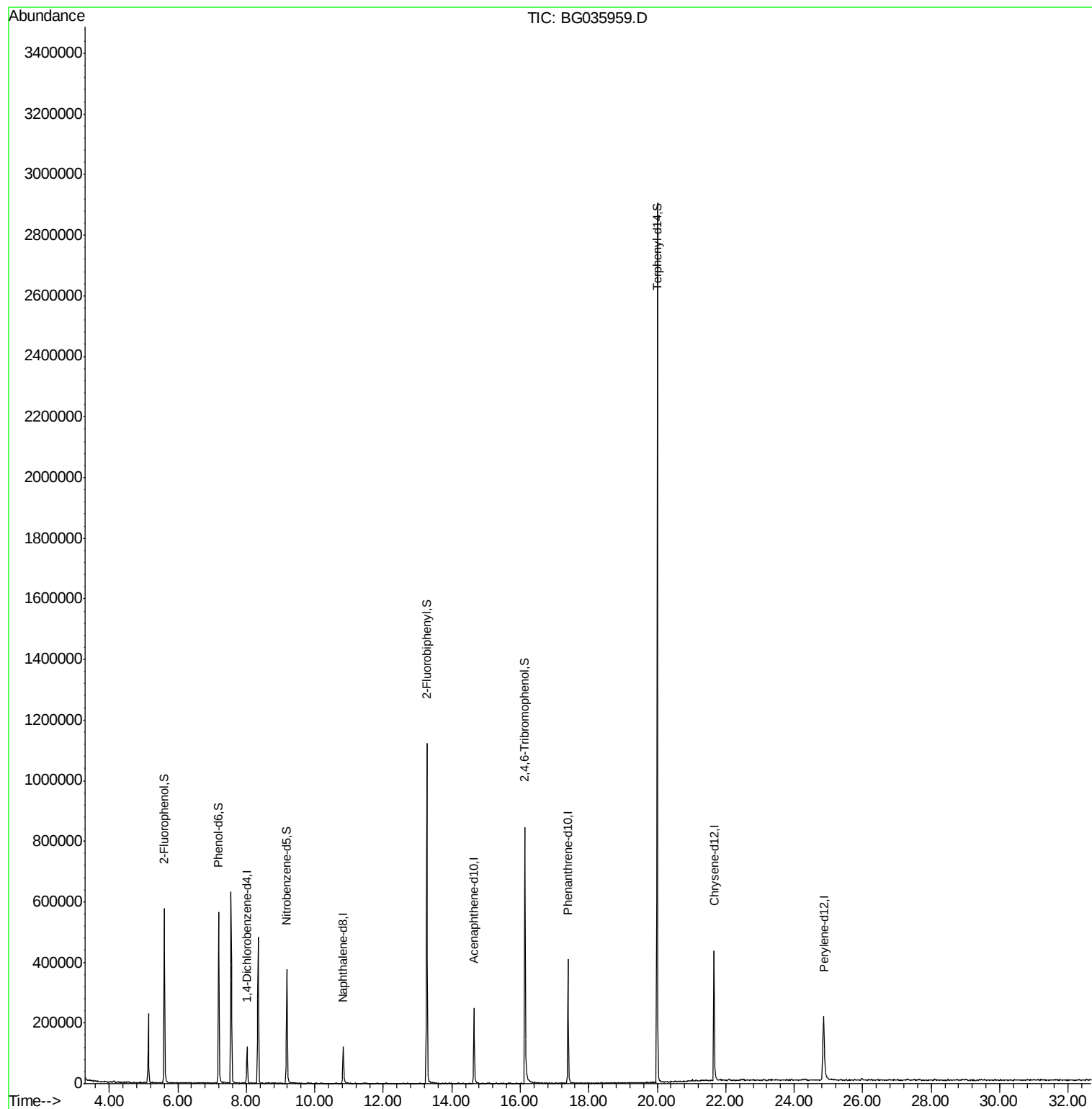
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32697	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	123004	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	94915	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	287417	20.00	ng	0.00
75) Chrysene-d12	21.65	240	314963	20.00	ng	0.00
86) Perylene-d12	24.86	264	284572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	257820	130.91	ng	0.00
7) Phenol-d6	7.19	99	359991	122.51	ng	0.00
23) Nitrobenzene-d5	9.19	82	265470	90.16	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	169402	135.41	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	659757	93.13	ng	0.00
78) Terphenyl-d14	20.00	244	1374997	96.23	ng	0.00

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

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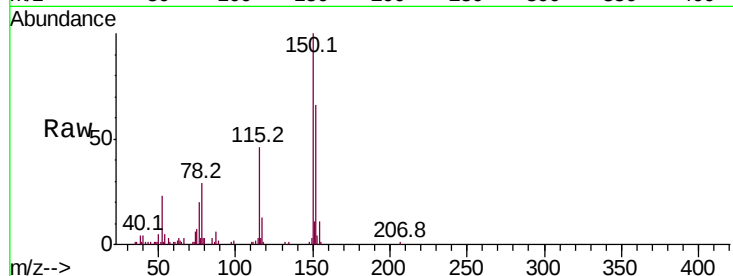




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035959.D
Acq: 28 Jul 2018 5:46

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	126.6	189.8
115	70.0	53.0	79.4

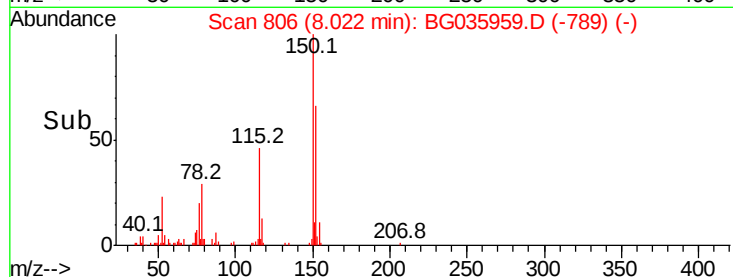
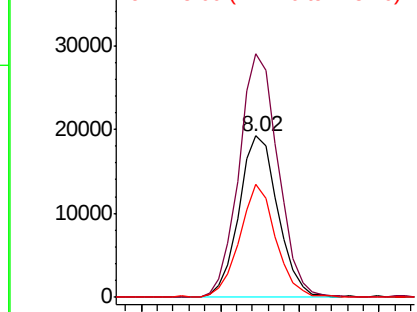


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

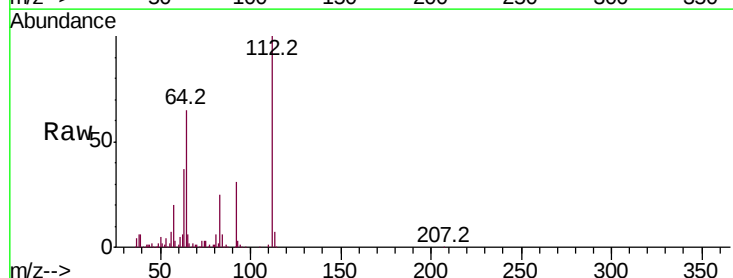
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.912 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035959.D
Acq: 28 Jul 2018 5:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.3	84.5
63	36.6	30.1	45.1

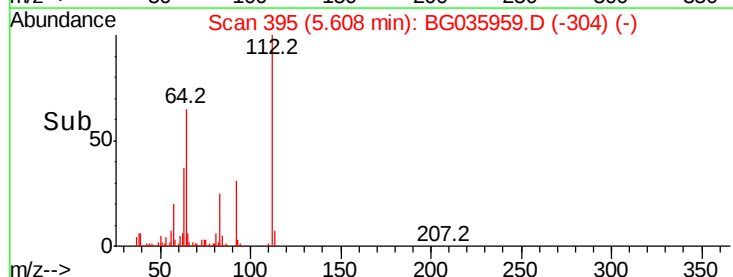
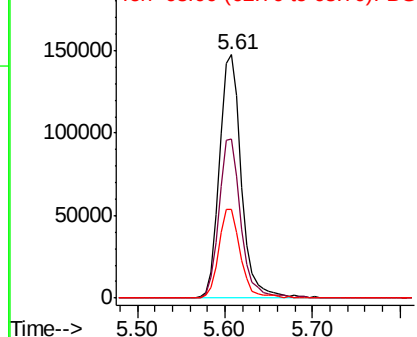


Abundance

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: 122.515 ng

RT: 7.19 min Scan# 665

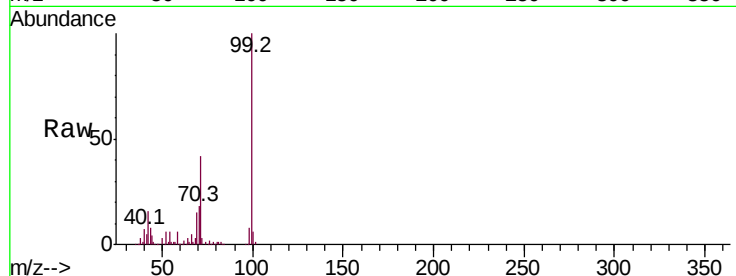
Delta R.T. -0.00 min

Lab File: BG035590.D

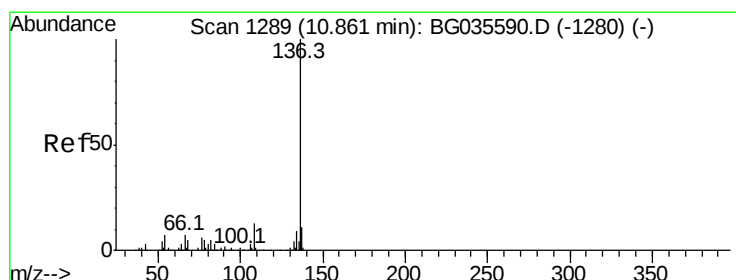
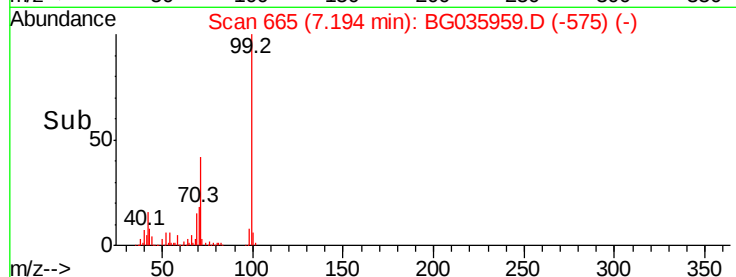
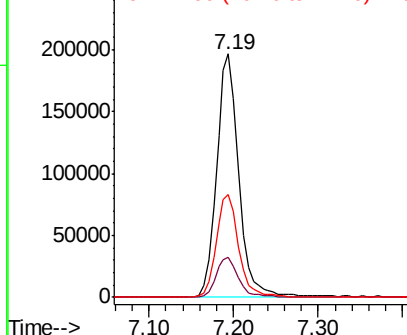
Acq: 28 Jul 2018 5:46

Tot Ion: 99 Resp: 359991

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	42.3	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

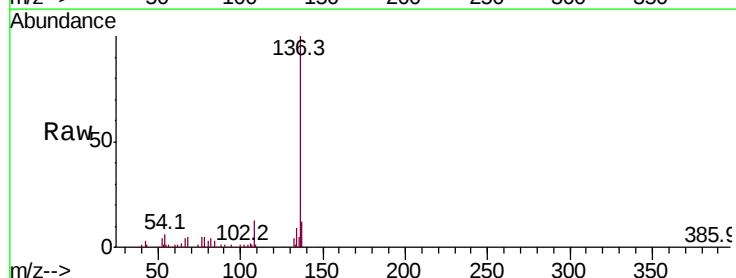
Delta R.T. -0.00 min

Lab File: BG035590.D

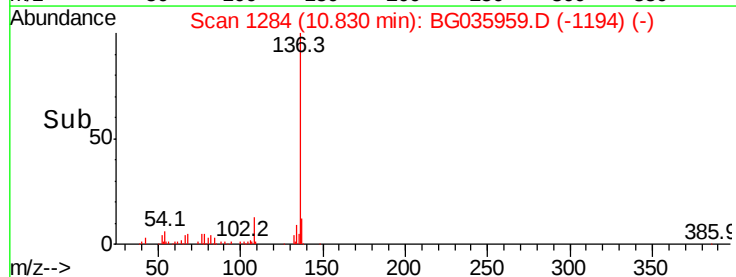
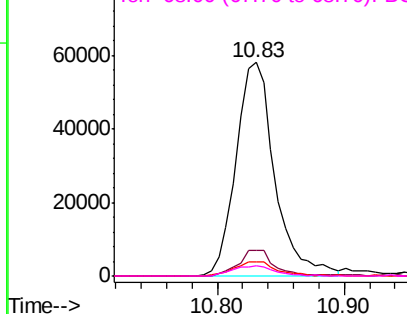
Acq: 28 Jul 2018 5:46

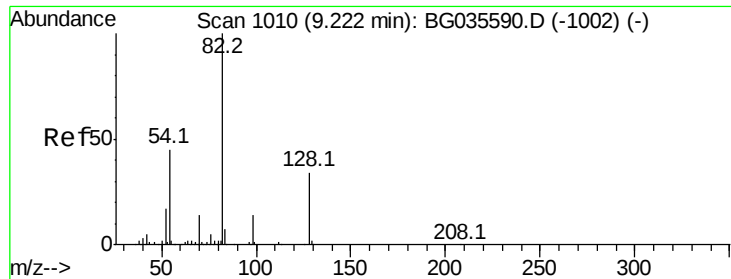
Tgt Ion: 136 Resp: 123004

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	6.3	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: 90.159 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035590.D

Acq: 28 Jul 2018 5:46

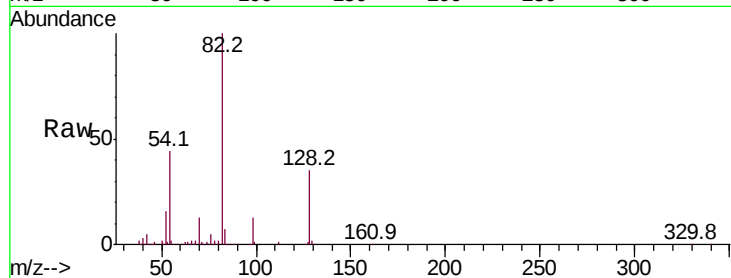
Tot Ion: 82 Resp: 265470

Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	43.8	43.1	64.7

82 100

128 34.7 29.7 44.5

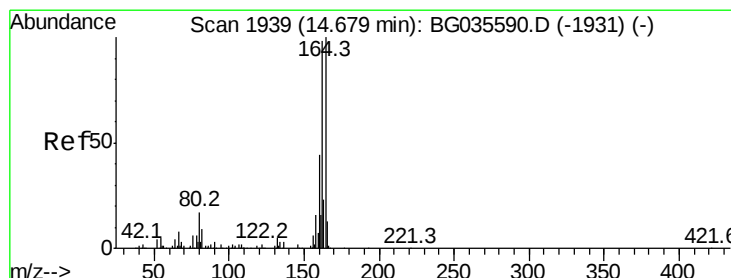
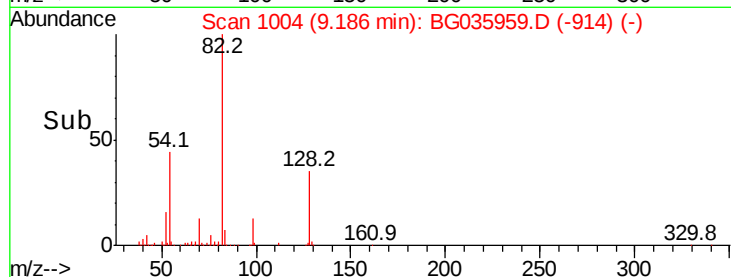
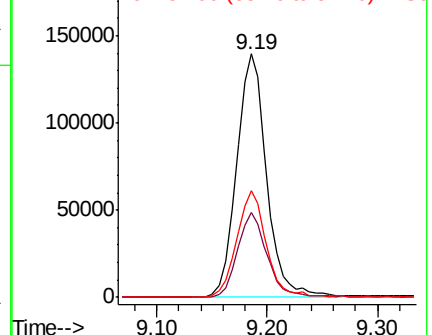
54 43.8 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BG035590.D (-1002) (-)

Ion 128.00 (127.70 to 128.70): BG035590.D (-1002) (-)

Ion 54.00 (53.70 to 54.70): BG035590.D (-1002) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035590.D

Acq: 28 Jul 2018 5:46

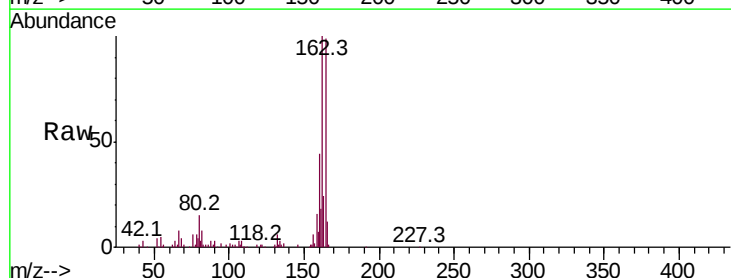
Tgt Ion: 164 Resp: 94915

Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	44.5	35.4	53.0

164 100

162 101.0 78.8 118.2

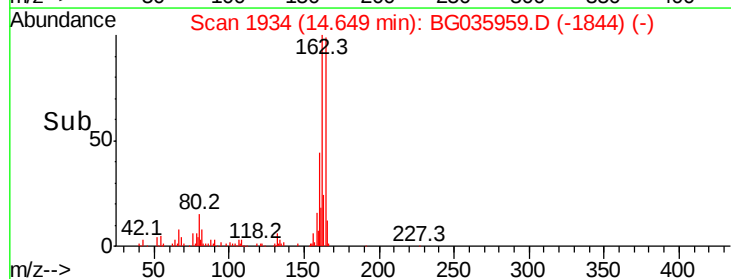
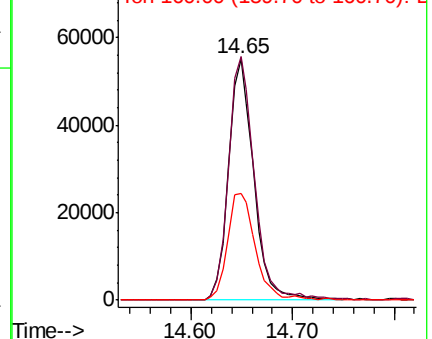
160 44.5 35.4 53.0

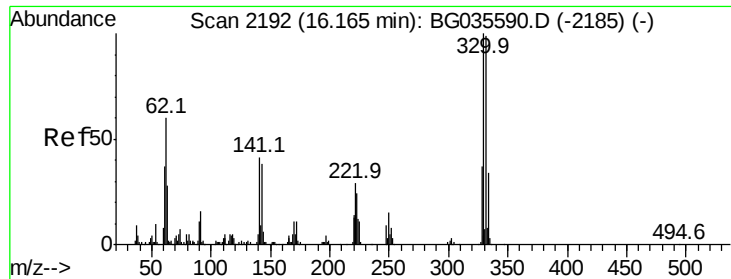


Abundance Ion 164.00 (163.70 to 164.70): BG035590.D (-1931) (-)

Ion 162.00 (161.70 to 162.70): BG035590.D (-1931) (-)

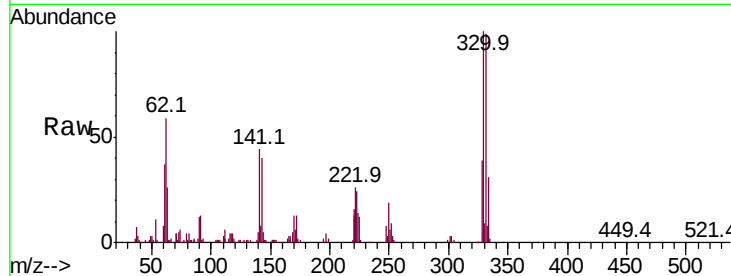
Ion 160.00 (159.70 to 160.70): BG035590.D (-1931) (-)





#41
 2,4,6-Tribromophenol
 Concen: 135.409 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG0355959.D
 Acq: 28 Jul 2018 5:46

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	40.2	25.2	37.8#

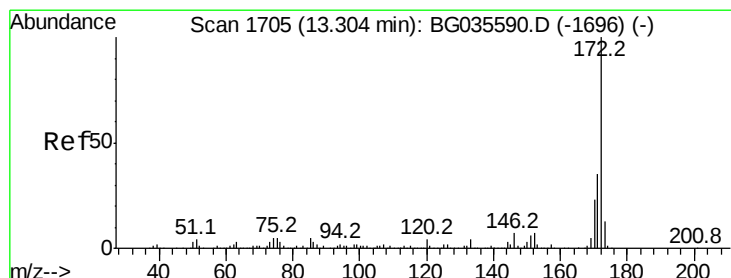
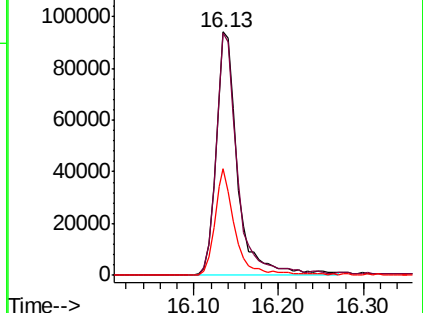
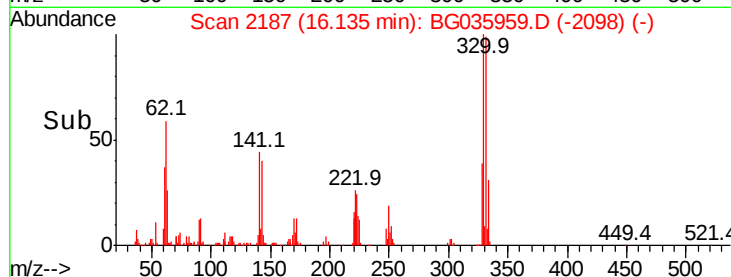


Abundance

Ion 329.80 (329.50 to 330.50): E

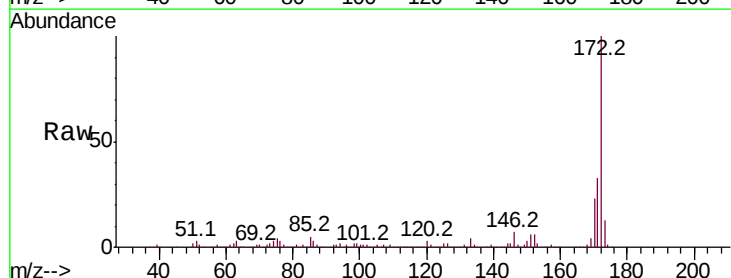
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.126 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG0355959.D
 Acq: 28 Jul 2018 5:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	23.0	19.5	29.3

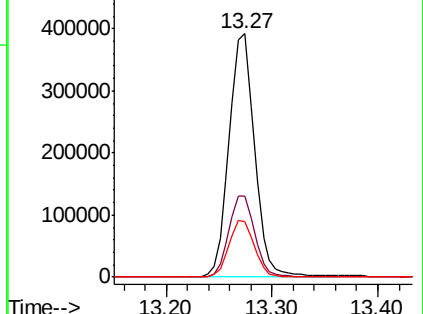
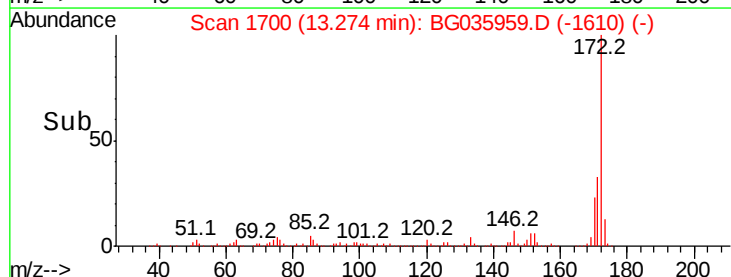


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

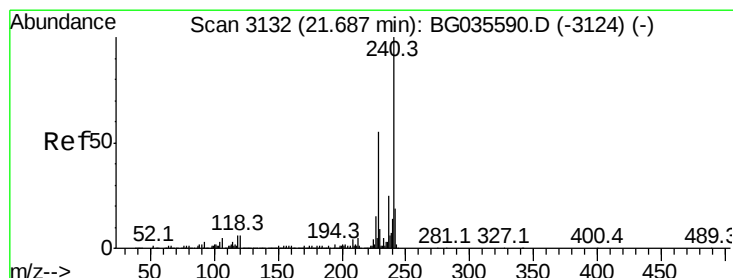
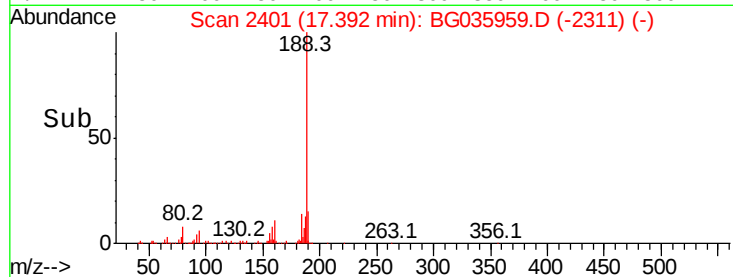
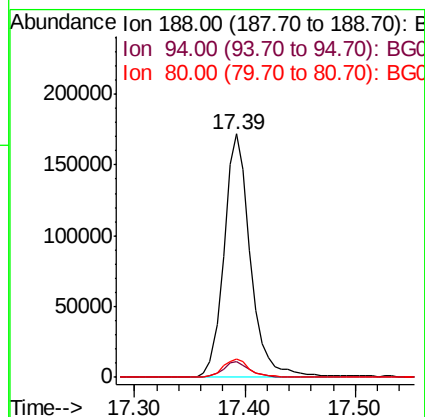
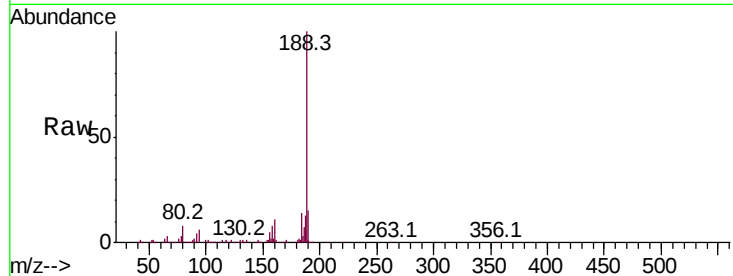
Ion 170.00 (169.70 to 170.70): E





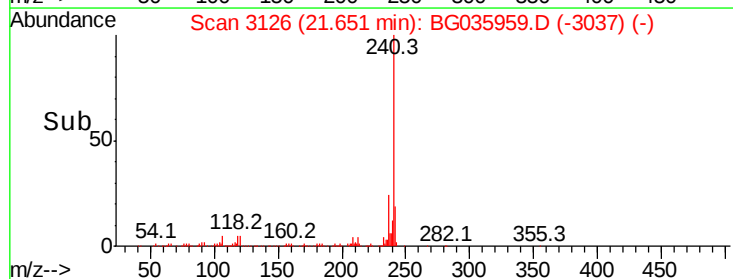
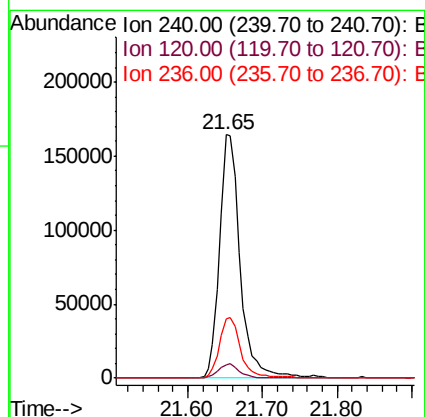
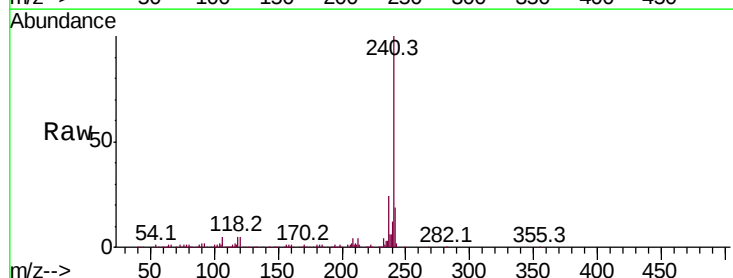
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035959.D
Acq: 28 Jul 2018 5:46

Tot Ion:188 Resp: 287417
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.7 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: BG035959.D
Acq: 28 Jul 2018 5:46

Tgt Ion:240 Resp: 314963
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 24.4 20.9 31.3





#78

Terphenyl-d14

Concen: 96.231 ng

RT: 20.00 min Scan# 2845

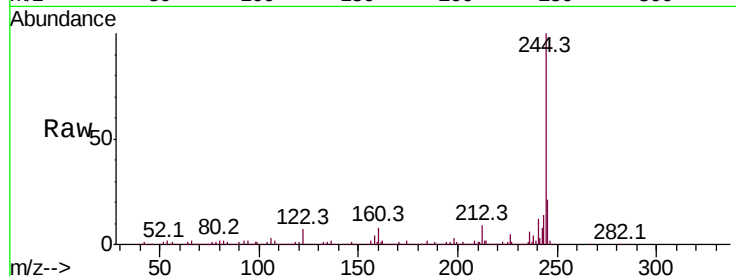
Delta R.T. -0.00 min

Lab File: BG0355959.D

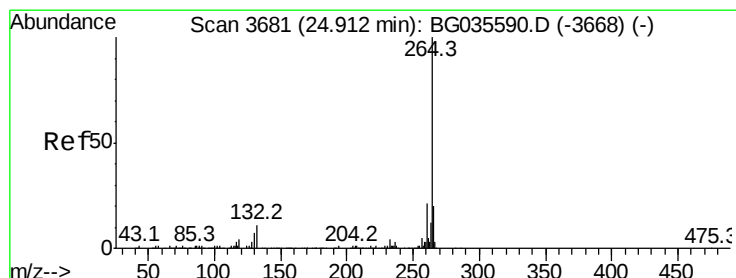
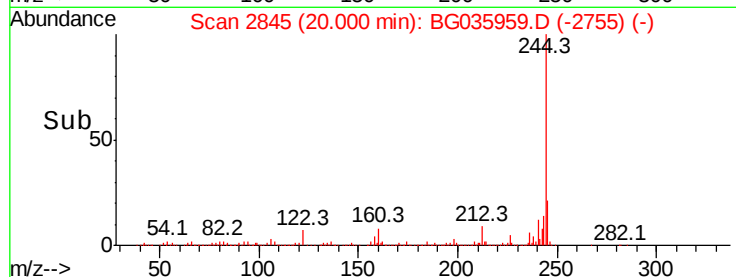
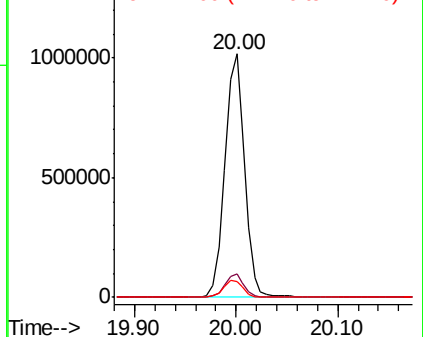
Acq: 28 Jul 2018 5:46

Tot Ion:244 Resp: 1374997

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	6.7	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: 24.86 min Scan# 3672

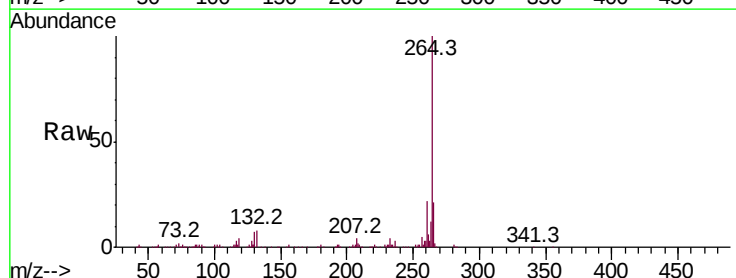
Delta R.T. -0.00 min

Lab File: BG0355959.D

Acq: 28 Jul 2018 5:46

Tgt Ion:264 Resp: 284572

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.0	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

