

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035964.D
 Acq On : 28 Jul 2018 9:01
 Operator : JU/SJ
 Sample : J4177-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 30 00:58:23 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

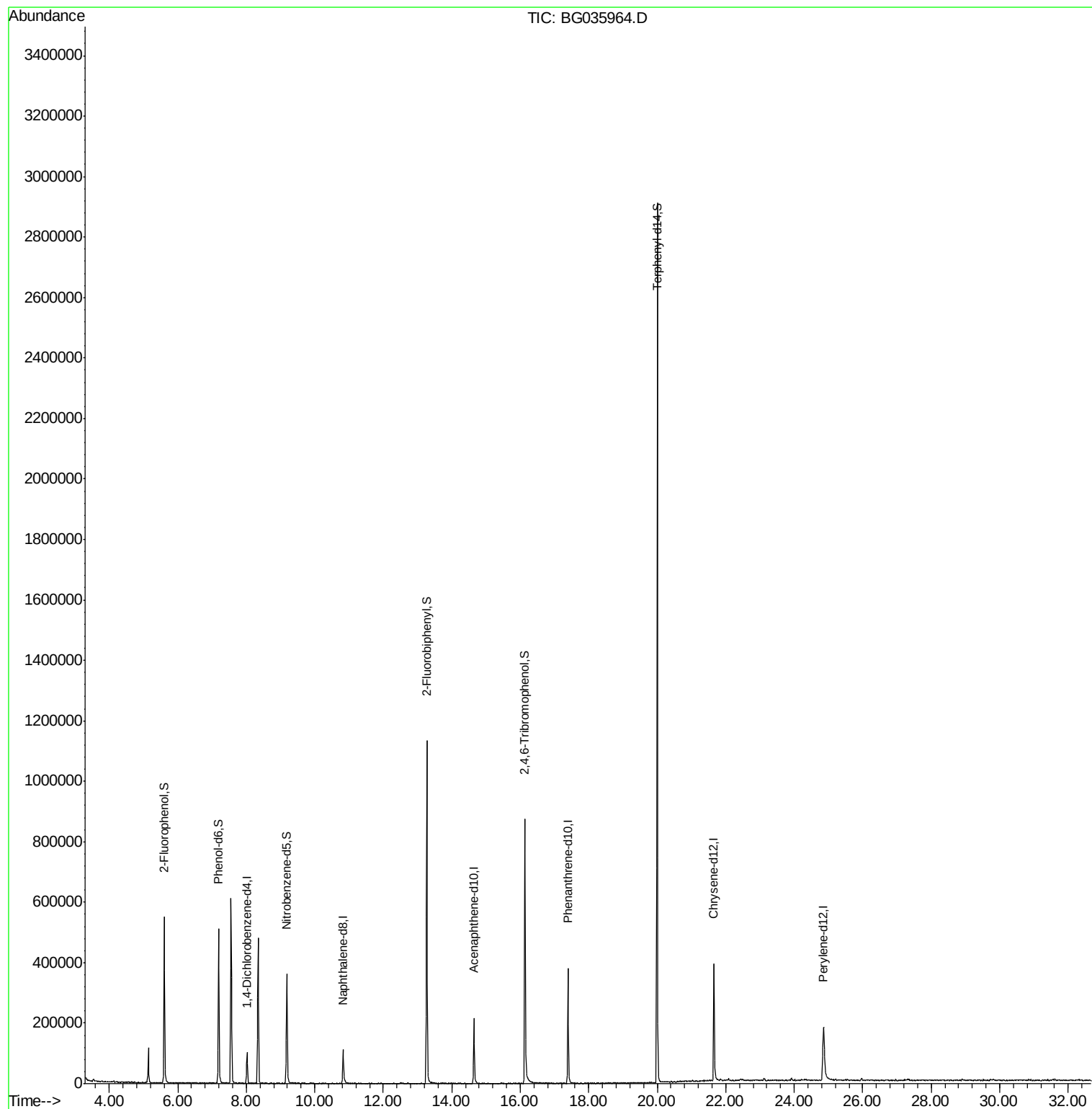
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29158	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	112392	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	86255	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	267146	20.00	ng	0.00
75) Chrysene-d12	21.65	240	296340	20.00	ng	0.00
86) Perylene-d12	24.85	264	265179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	247158	140.73	ng	0.00
7) Phenol-d6	7.19	99	332950	127.06	ng	0.00
23) Nitrobenzene-d5	9.19	82	256261	95.25	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	181013	159.22	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	652777	101.39	ng	0.00
78) Terphenyl-d14	20.00	244	1428938	106.29	ng	0.00

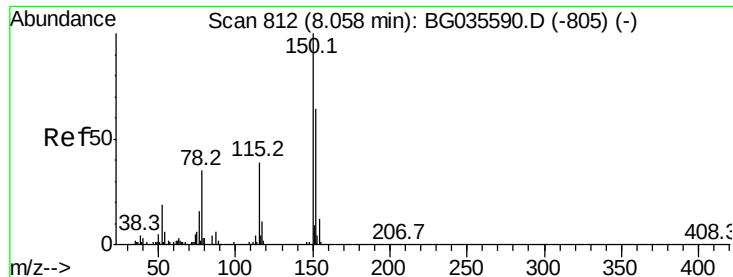
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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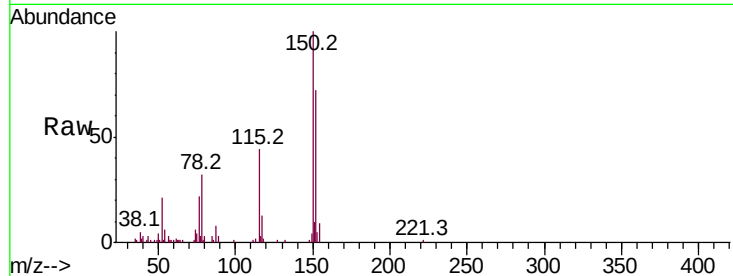




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.3	126.6	189.8
115	61.4	53.0	79.4

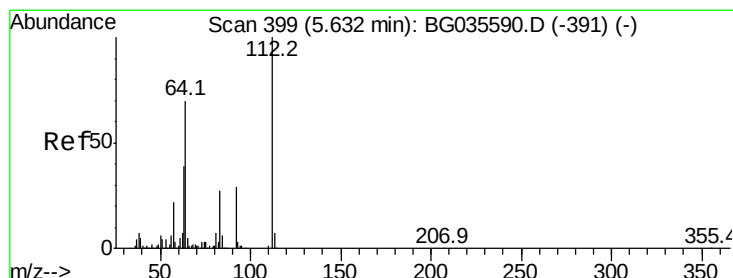
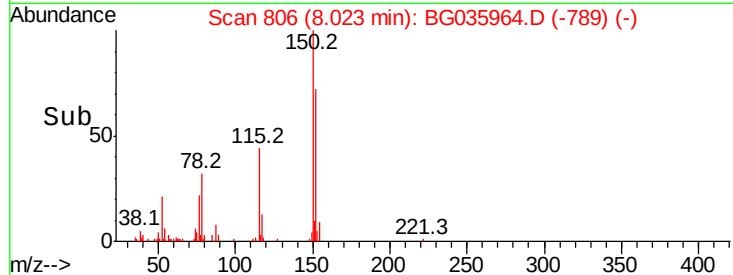
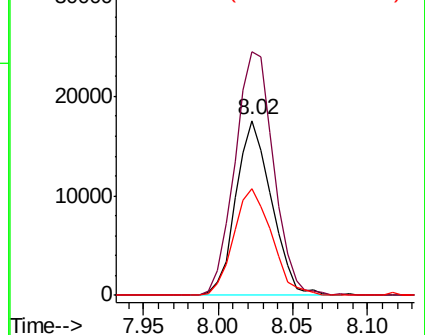


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

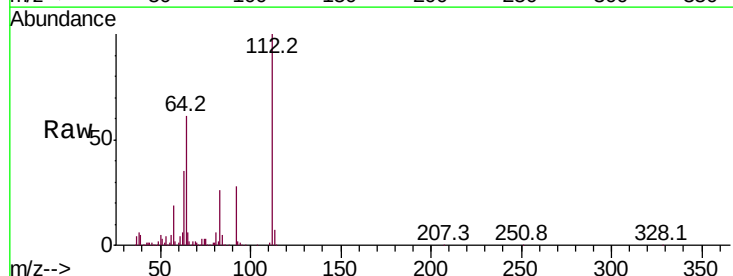
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.730 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035964.D
Acq: 28 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	56.3	84.5
63	34.6	30.1	45.1

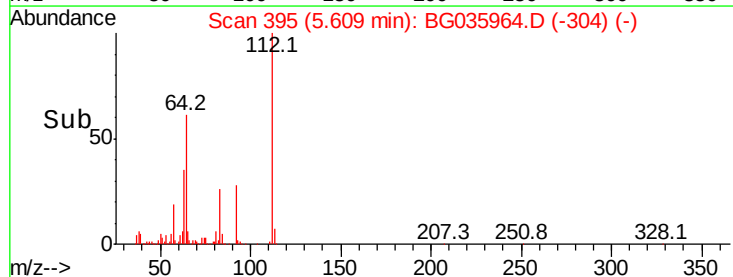
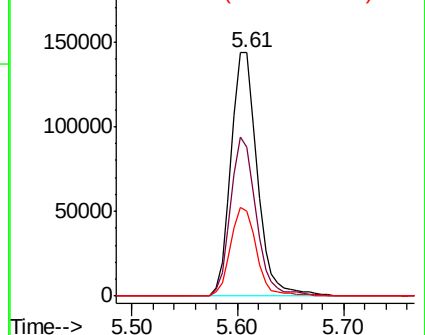


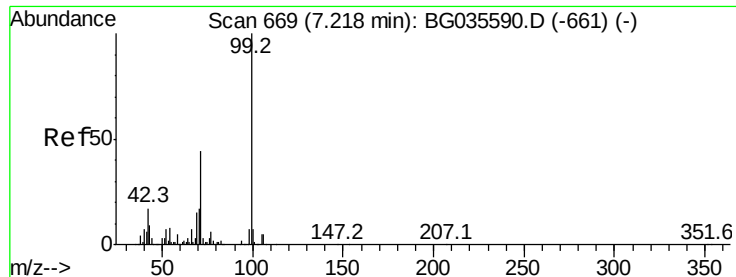
Abundance

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: 127.065 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035964.D

Acq: 28 Jul 2018 9:01

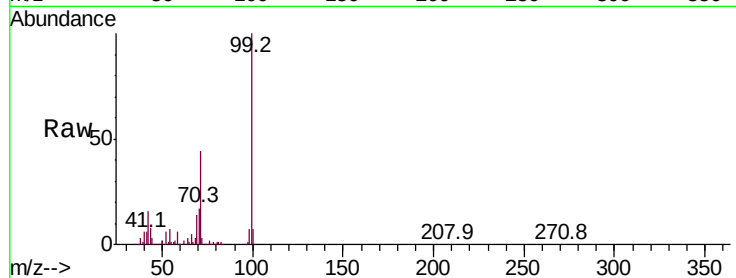
Tot Ion: 99 Resp: 332950

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

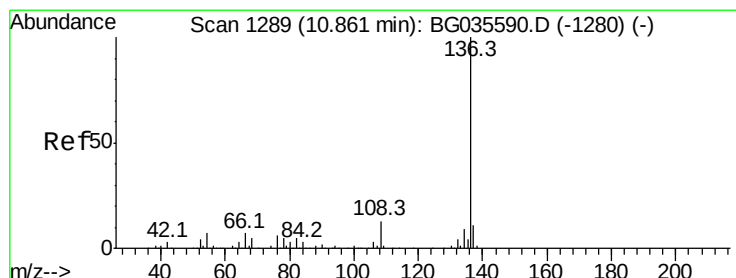
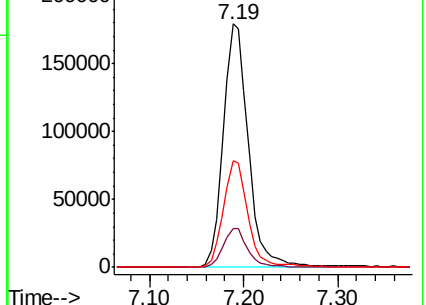
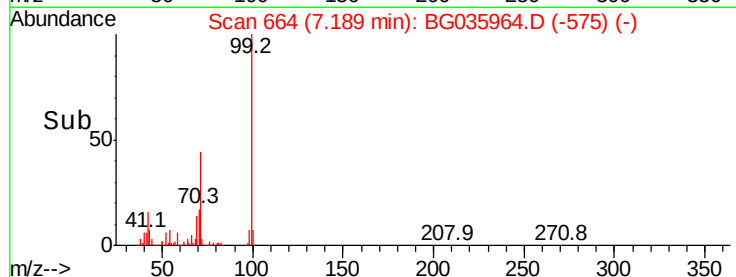
71 43.7 26.1 39.1#



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: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG035964.D

Acq: 28 Jul 2018 9:01

Tgt Ion: 136 Resp: 112392

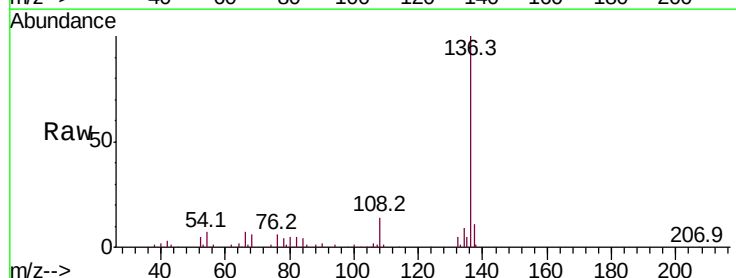
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.4 10.3 15.5#

68 5.7 4.5 6.7

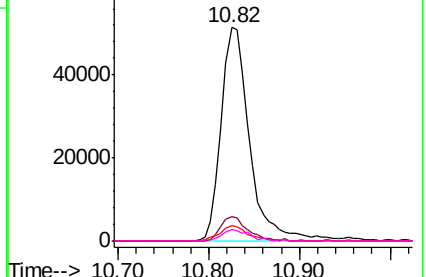
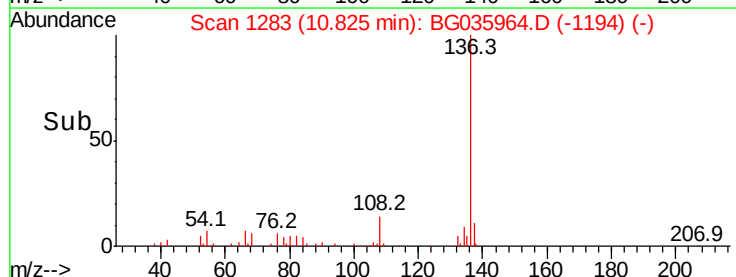


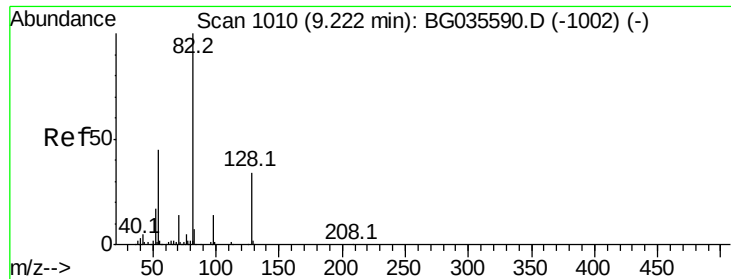
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.249 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035964.D

Acq: 28 Jul 2018 9:01

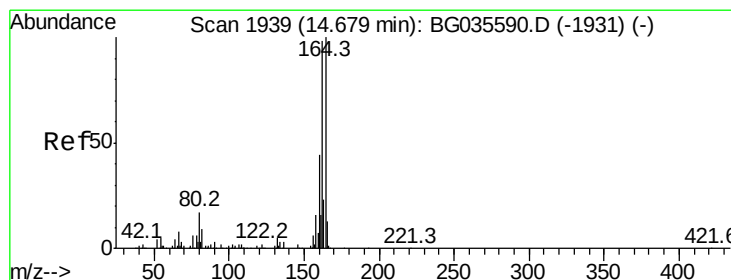
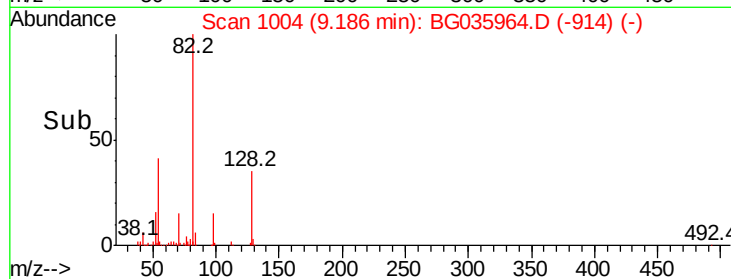
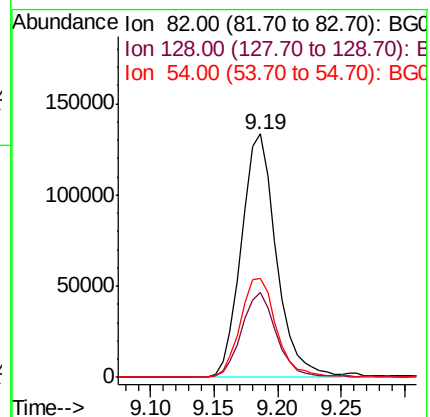
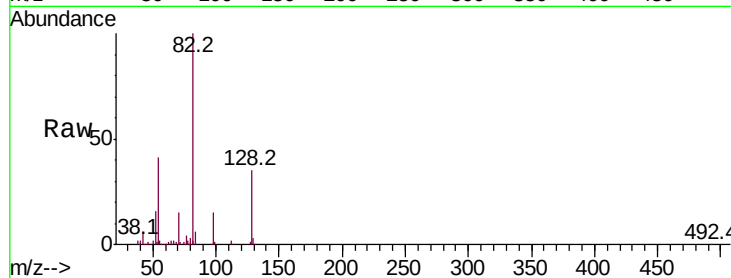
Tot Ion: 82 Resp: 256261

Ion Ratio Lower Upper

82 100

128 34.9 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: BG035964.D

Acq: 28 Jul 2018 9:01

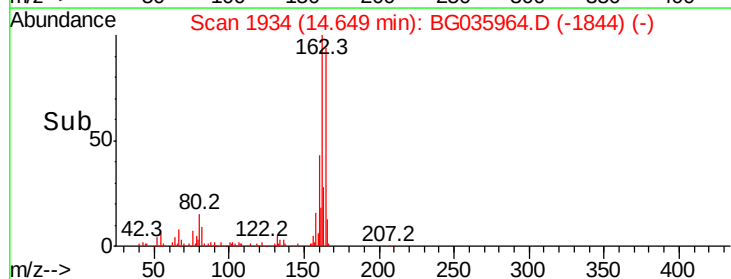
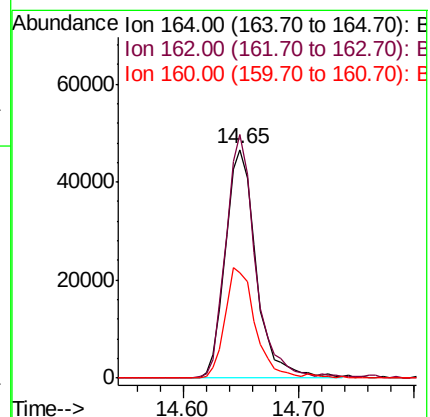
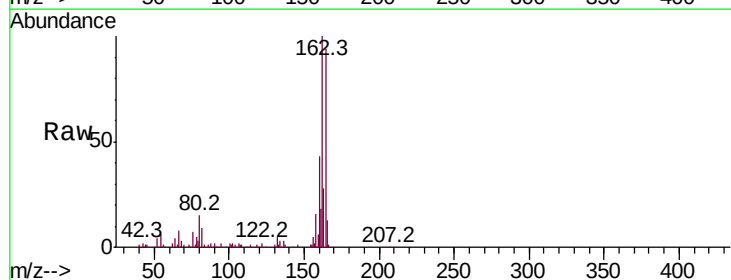
Tgt Ion: 164 Resp: 86255

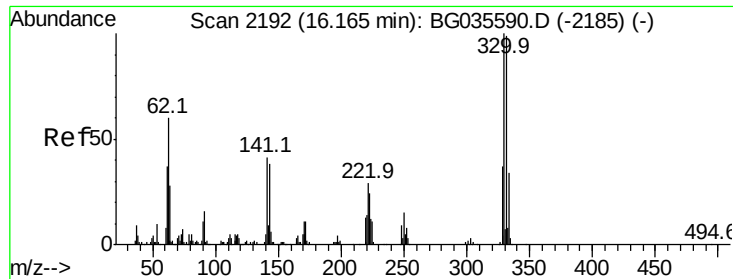
Ion Ratio Lower Upper

164 100

162 106.6 78.8 118.2

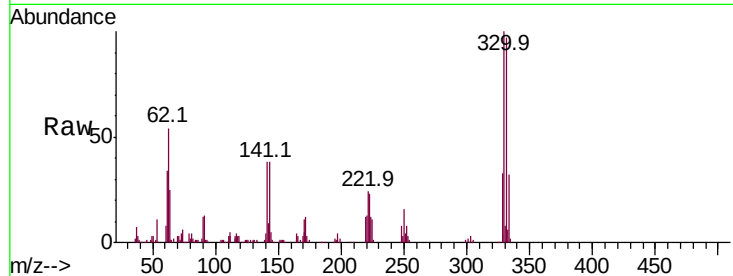
160 46.0 35.4 53.0



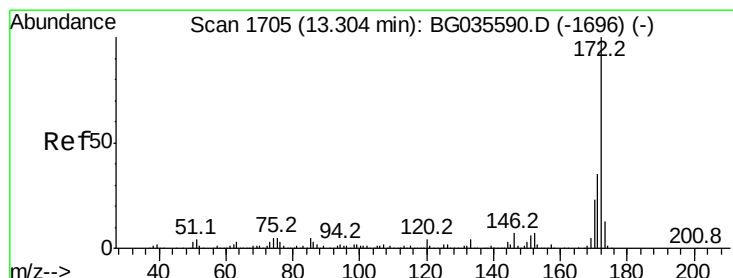
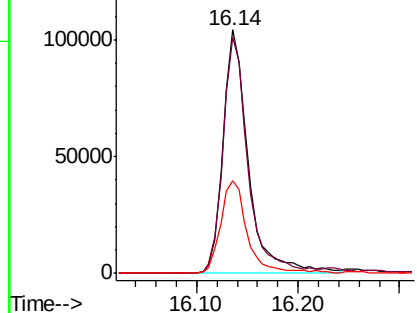
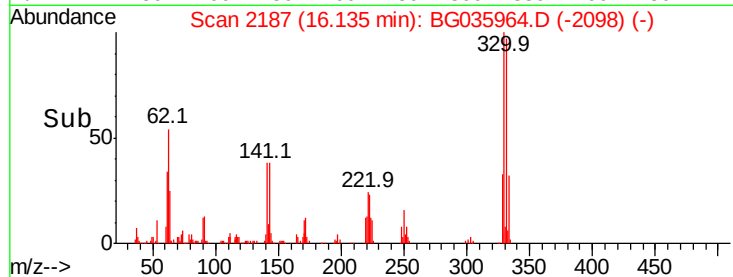


#41
 2,4,6-Tribromophenol
 Concen: 159.217 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035964.D
 Acq: 28 Jul 2018 9:01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	39.5	25.2	37.8#

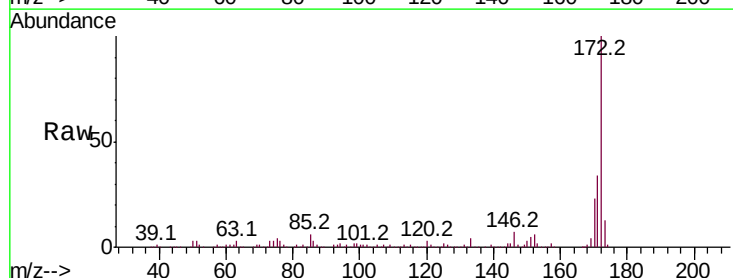


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

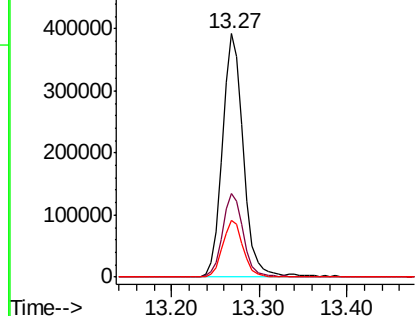
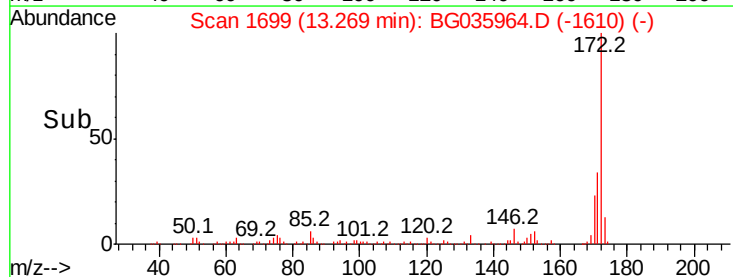


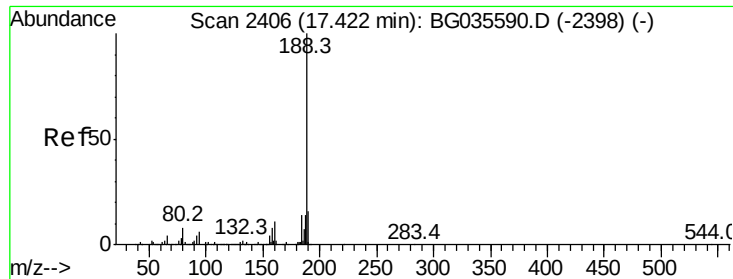
#44
 2-Fluorobiphenyl
 Concen: 101.391 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035964.D
 Acq: 28 Jul 2018 9:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	23.3	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: BG035964.D

Acq: 28 Jul 2018 9:01

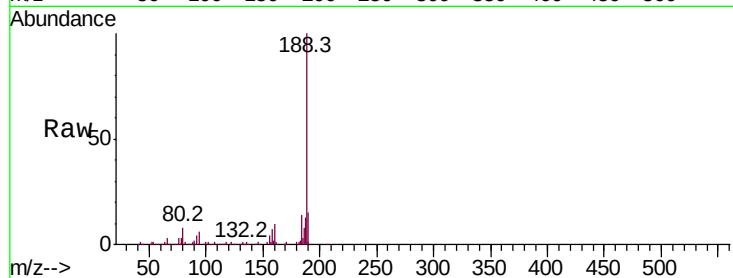
Tot Ion:188 Resp: 267146

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): BG

Ion 80.00 (79.70 to 80.70): BG

200000

17.39

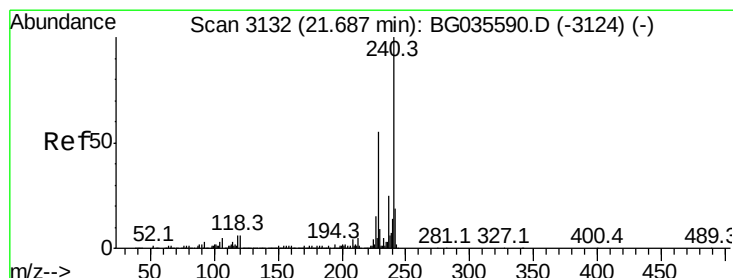
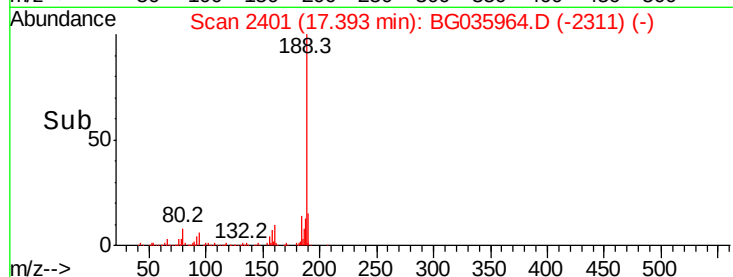
150000

100000

50000

0

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035964.D

Acq: 28 Jul 2018 9:01

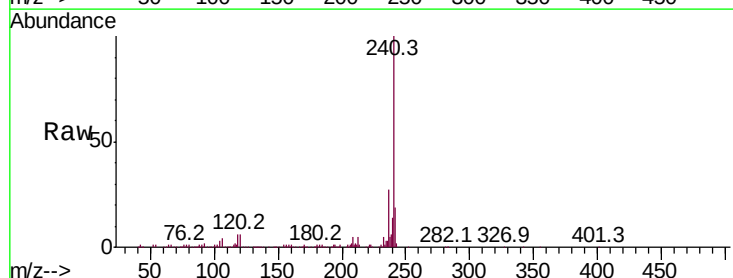
Tgt Ion:240 Resp: 296340

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

236 27.3 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

200000

21.65

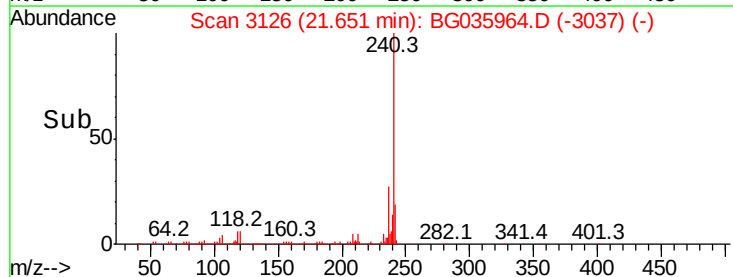
150000

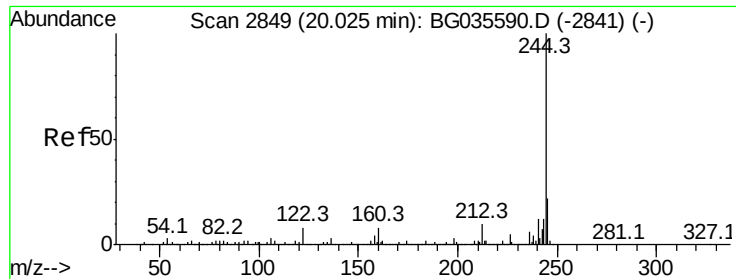
100000

50000

0

Time-->





#78

Terphenyl-d14

Concen: 106.290 ng

RT: 20.00 min Scan# 2845

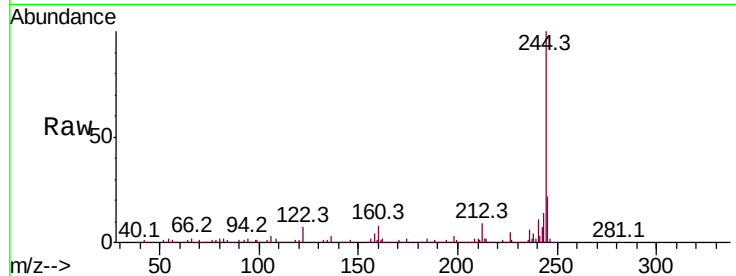
Delta R.T. -0.00 min

Lab File: BG035964.D

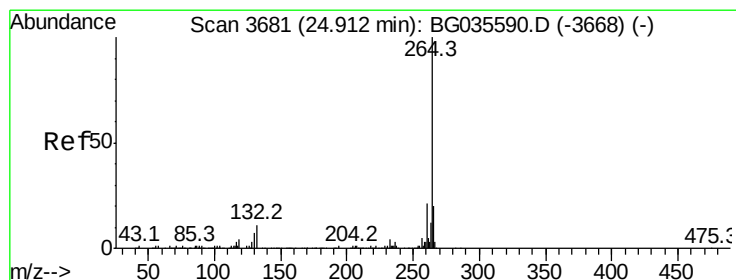
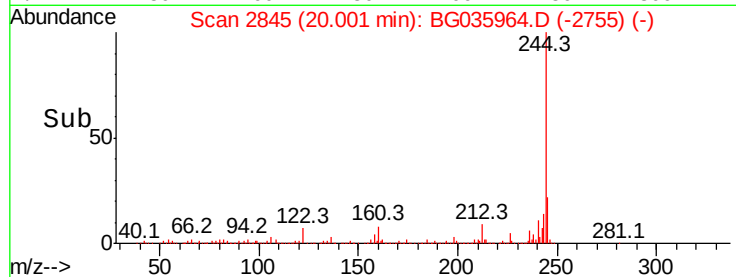
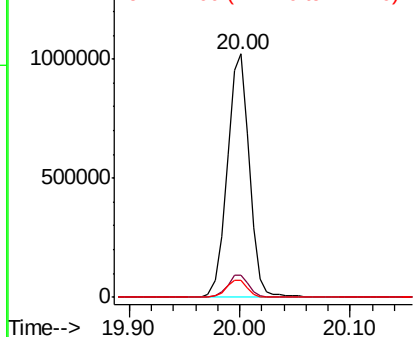
Acq: 28 Jul 2018 9:01

Tot Ion:244 Resp: 1428938

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	7.0	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

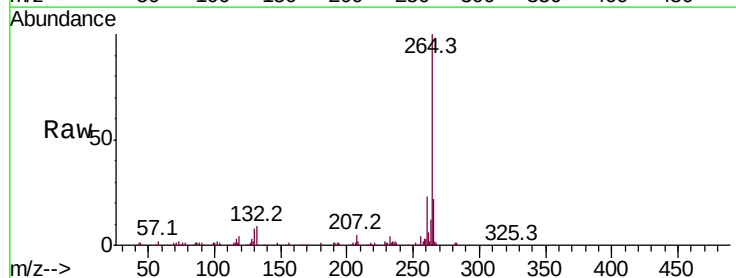
Delta R.T. -0.01 min

Lab File: BG035964.D

Acq: 28 Jul 2018 9:01

Tgt Ion:264 Resp: 265179

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	22.1	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

