

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
 Data File : BG031731.D
 Acq On : 23 Dec 2017 3:33
 Operator : SJ/JU
 Sample : I7004-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-9-121917

Quant Time: Dec 23 04:36:03 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	51877	20.00	ng	-0.01
21) Naphthalene-d8	11.71	136	212647	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	150151	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	386323	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	443576	20.00	ng	-0.02
86) Perylene-d12	26.34	264	474705	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	148249	52.05	ng	-0.01
7) Phenol-d6	7.92	99	112613	30.45	ng	-0.01
23) Nitrobenzene-d5	10.03	82	251970	89.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	328345	143.31	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	957473	80.04	ng	-0.01
78) Terphenyl-d14	20.73	244	1687732	86.93	ng	-0.01

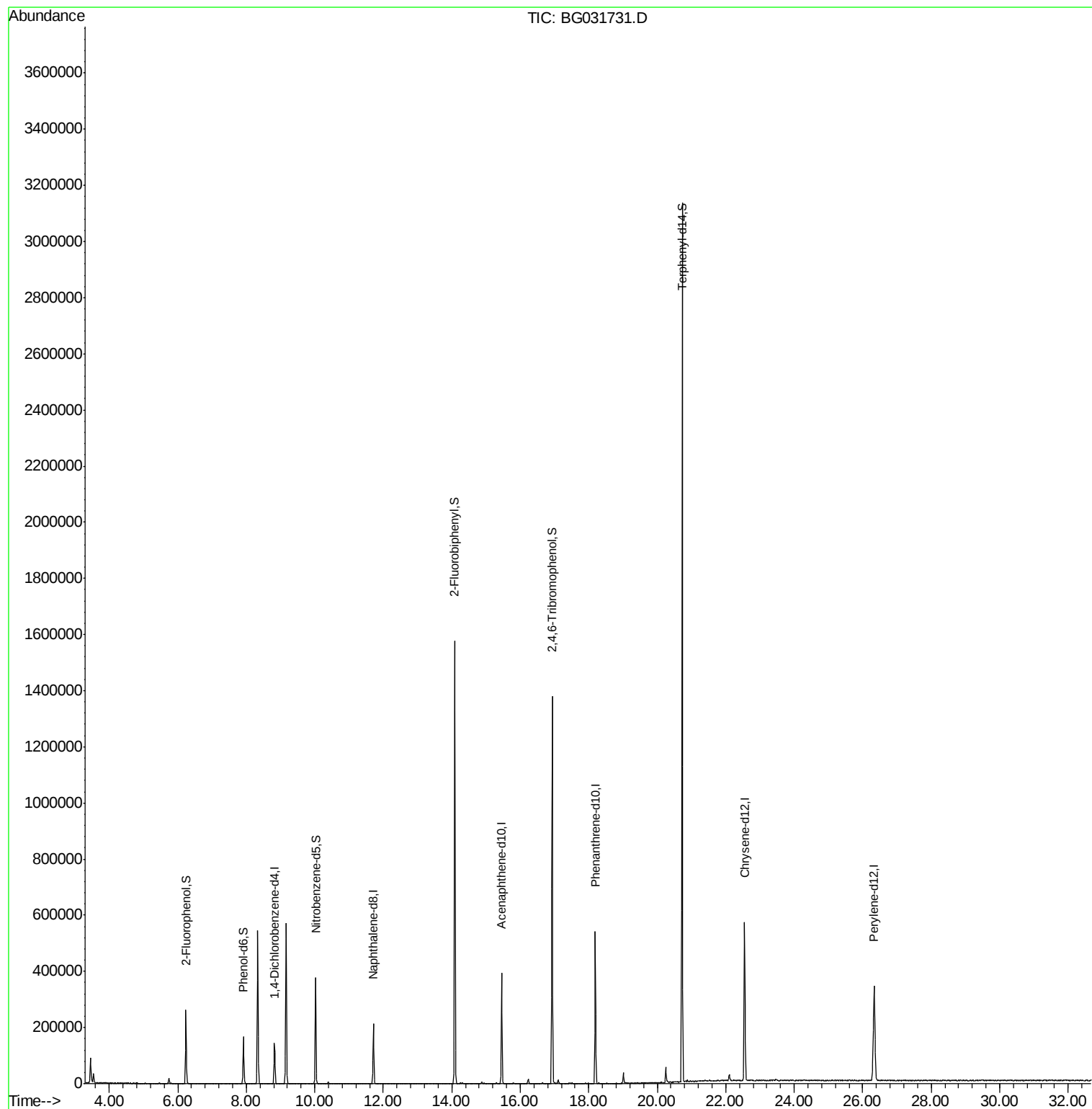
Target Compounds	Qvalue
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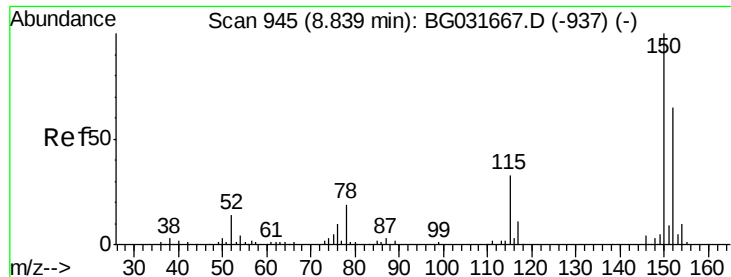
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.01 min

Lab File: BG031731.D

Acq: 23 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

C-MW-9-121917

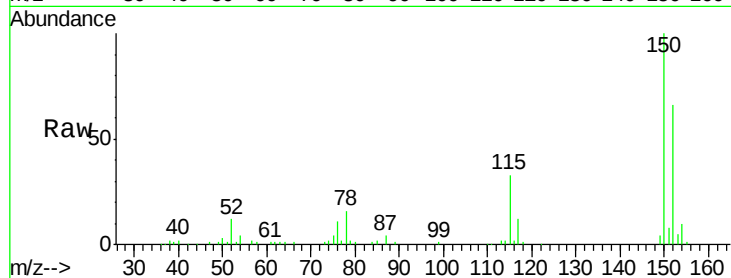
Tgt Ion:152 Resp: 51877

Ion Ratio Lower Upper

152 100

150 152.2 126.6 189.8

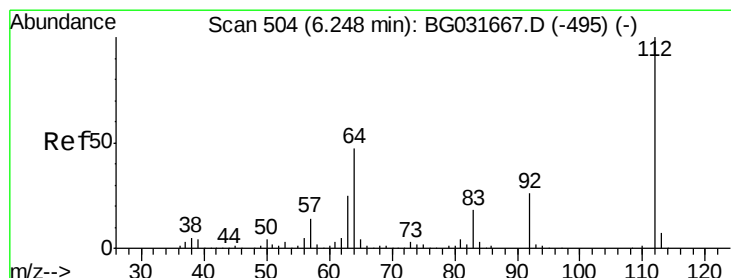
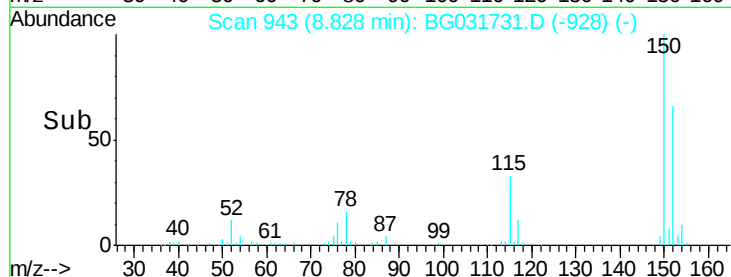
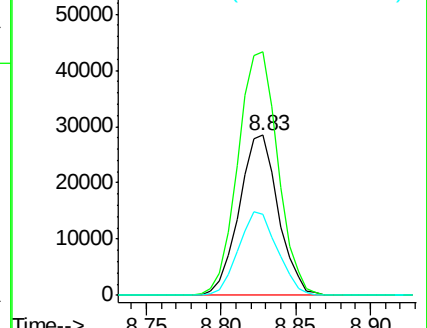
115 50.6 53.0 79.4#



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: 52.050 ng

RT: 6.24 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG031731.D

Acq: 23 Dec 2017 3:33

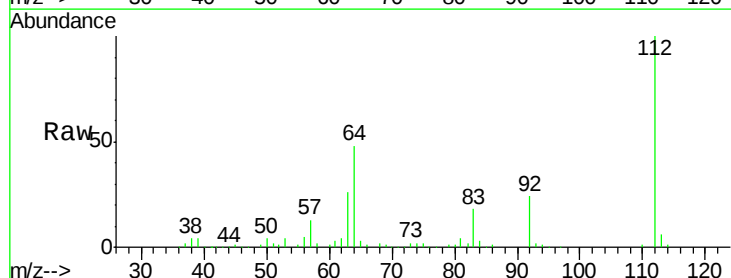
Tgt Ion:112 Resp: 148249

Ion Ratio Lower Upper

112 100

64 47.8 56.3 84.5#

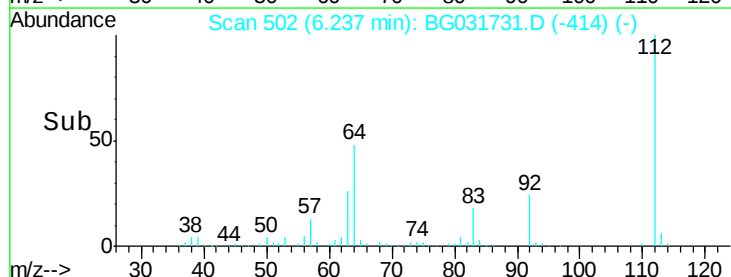
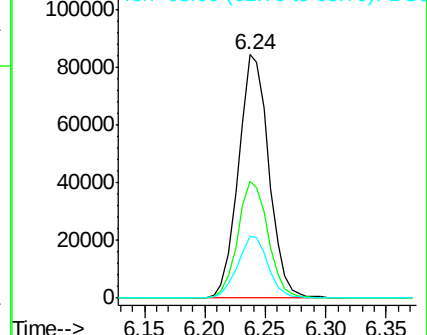
63 25.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.453 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031731.D

Acq: 23 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

C-MW-9-121917

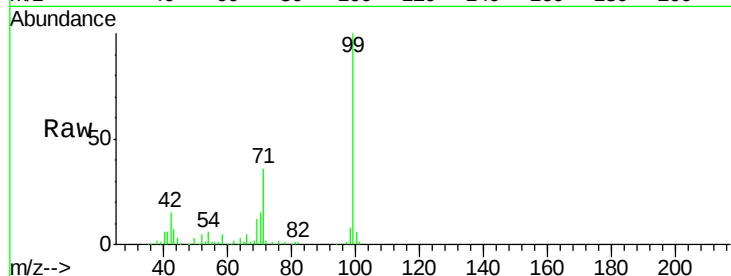
Tgt Ion: 99 Resp: 112613

Ion Ratio Lower Upper

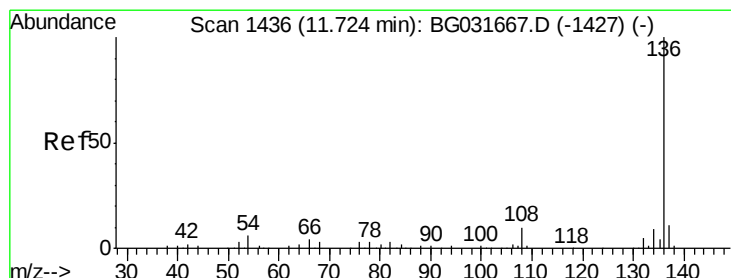
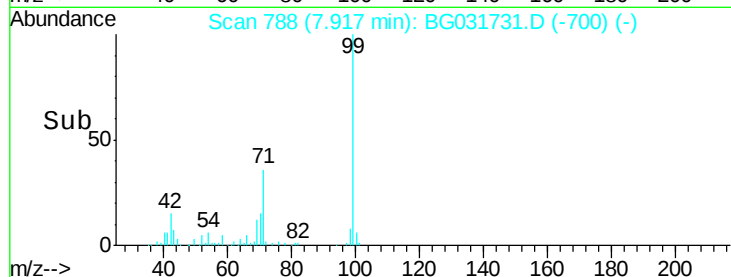
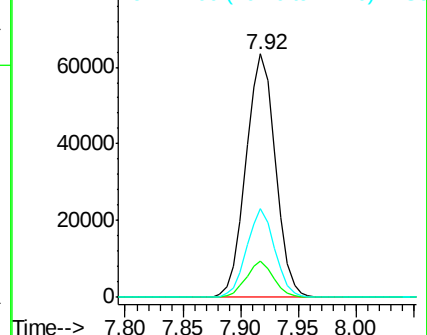
99 100

42 15.0 14.1 21.1

71 36.4 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: 11.71 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031731.D

Acq: 23 Dec 2017 3:33

Tgt Ion: 136 Resp: 212647

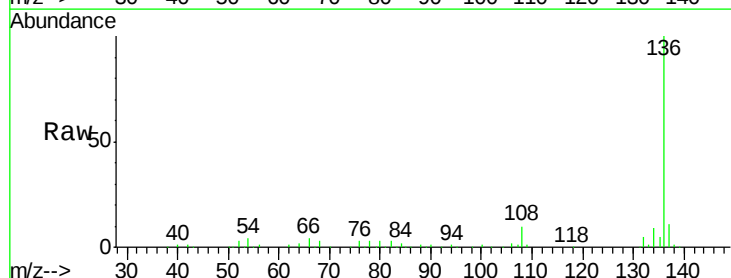
Ion Ratio Lower Upper

136 100

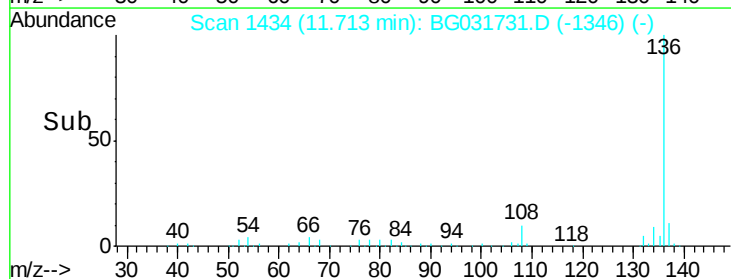
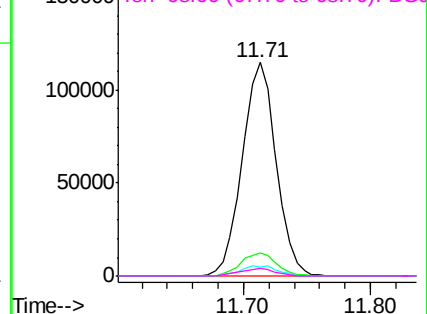
137 10.8 9.2 13.8

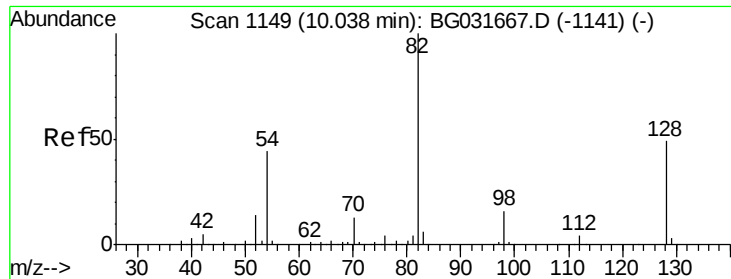
54 4.3 10.3 15.5#

68 3.4 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: 89.476 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG031731.D

Acq: 23 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

C-MW-9-121917

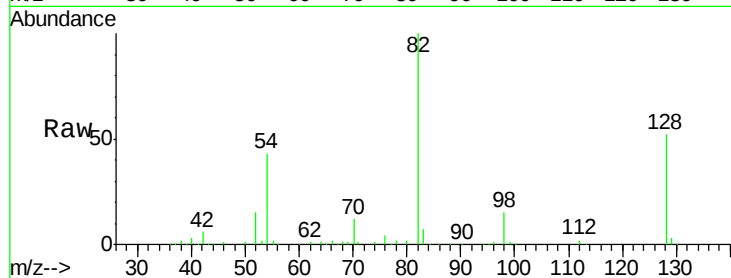
Tgt Ion: 82 Resp: 251970

Ion Ratio Lower Upper

82 100

128 52.3 29.7 44.5#

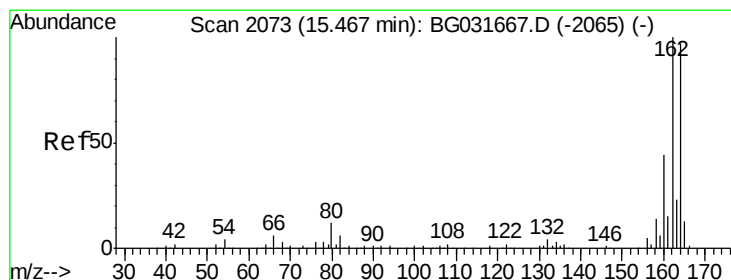
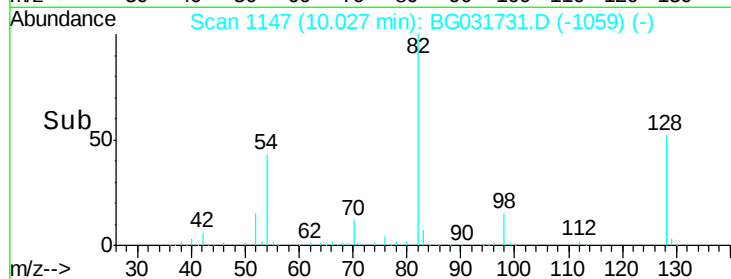
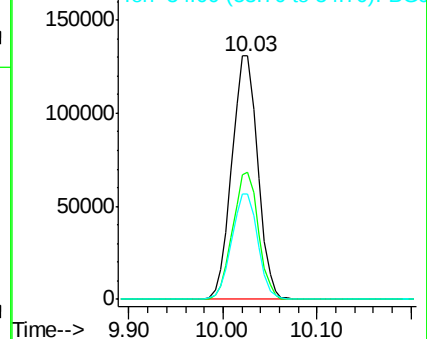
54 43.5 43.1 64.7



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: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031731.D

Acq: 23 Dec 2017 3:33

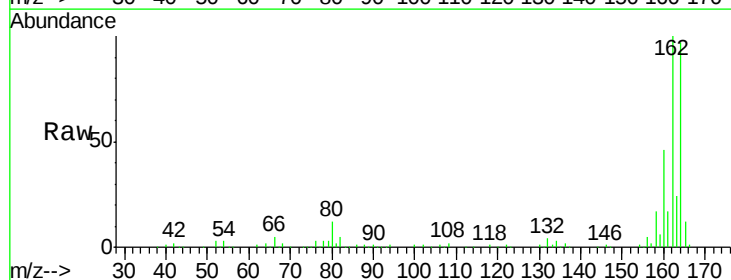
Tgt Ion: 164 Resp: 150151

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

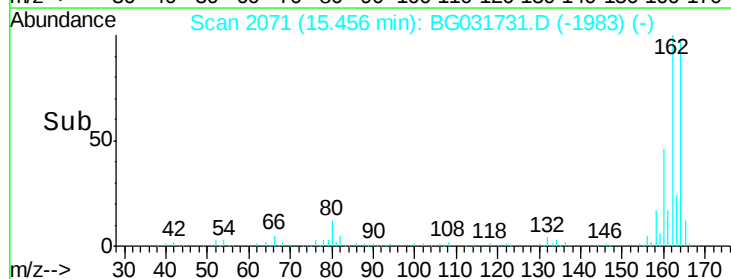
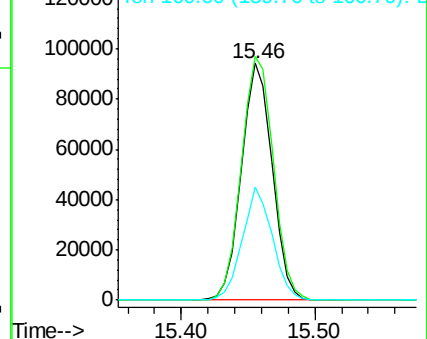
160 47.7 35.4 53.0

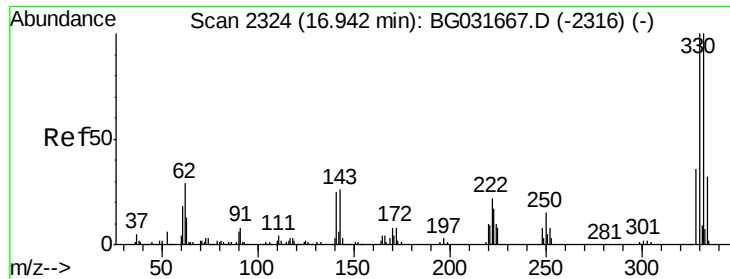


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

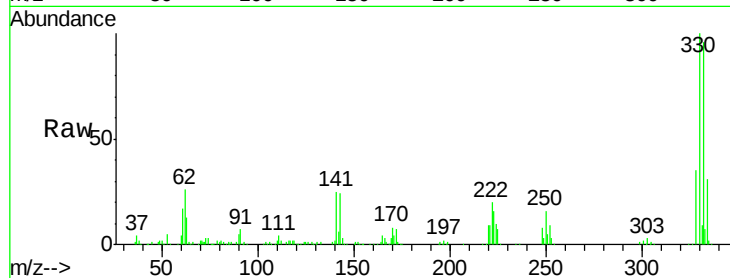




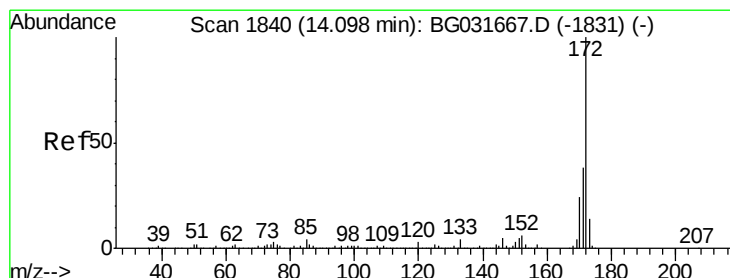
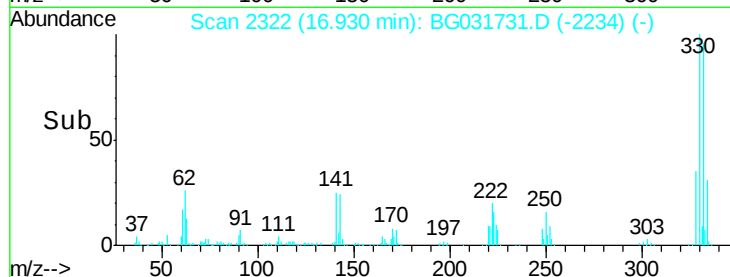
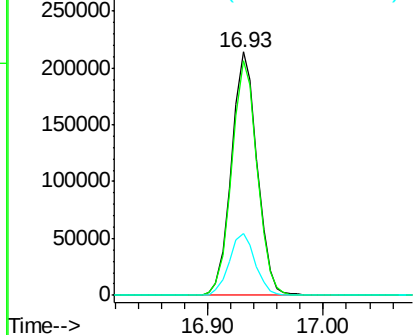
#41
 2,4,6-Tribromophenol
 Concen: 143.313 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031731.D
 Acq: 23 Dec 2017 3:33

Instrument :
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 C-MW-9-121917

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	25.6	25.2	37.8

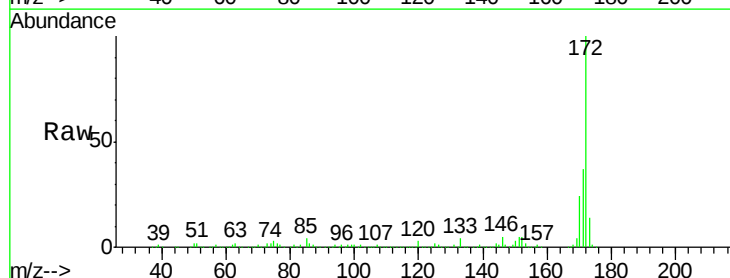


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

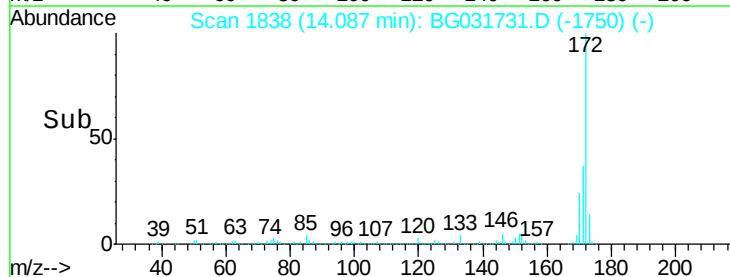
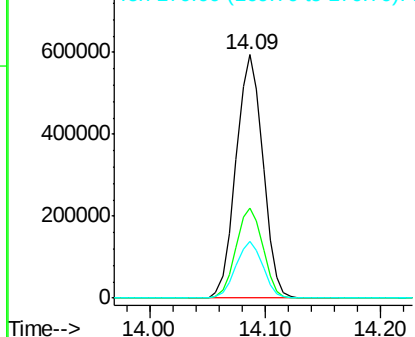


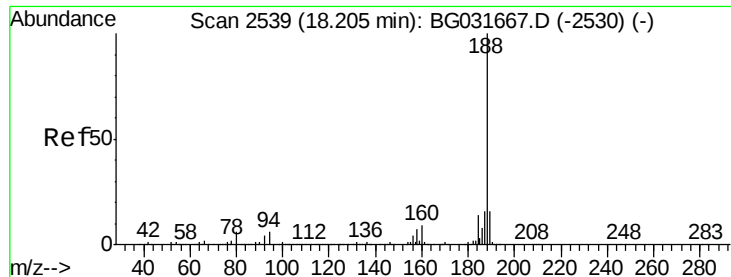
#44
 2-Fluorobiphenyl
 Concen: 80.037 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031731.D
 Acq: 23 Dec 2017 3:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.6	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

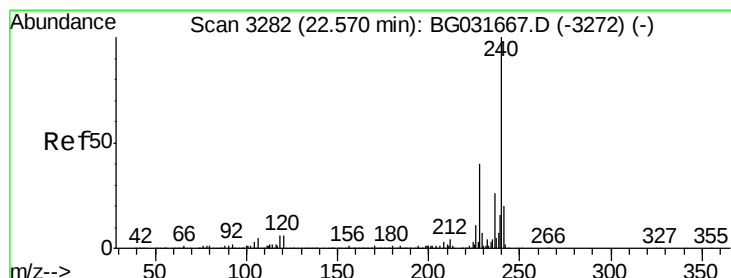
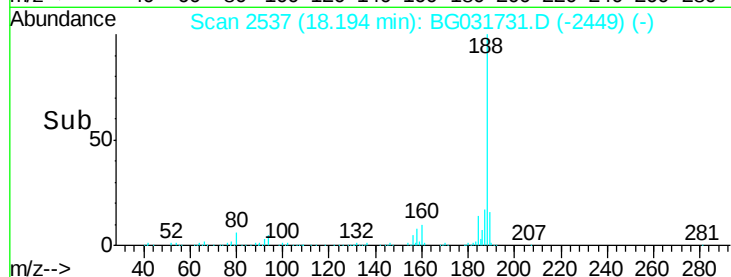
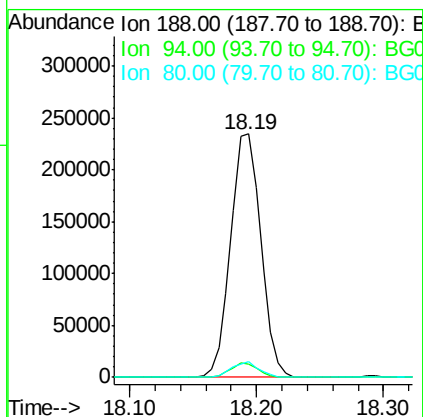
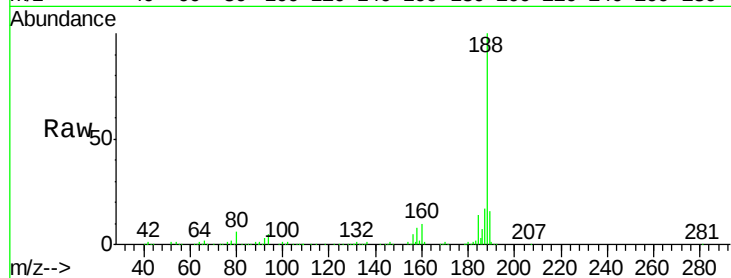




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031731.D
Acq: 23 Dec 2017 3:33

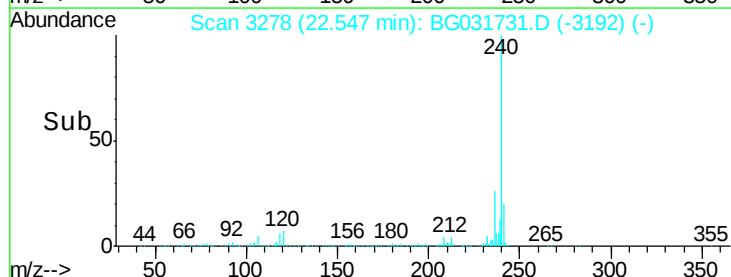
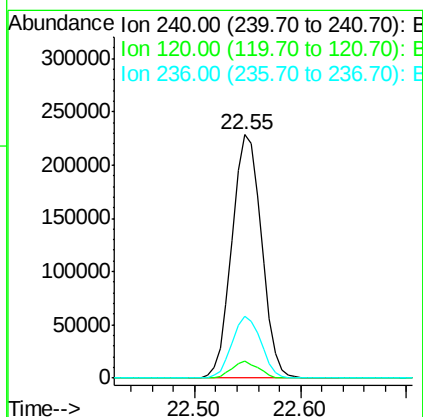
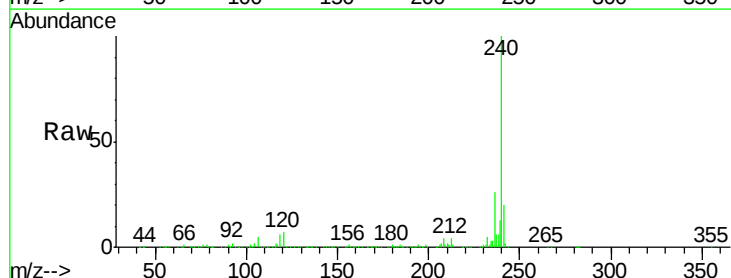
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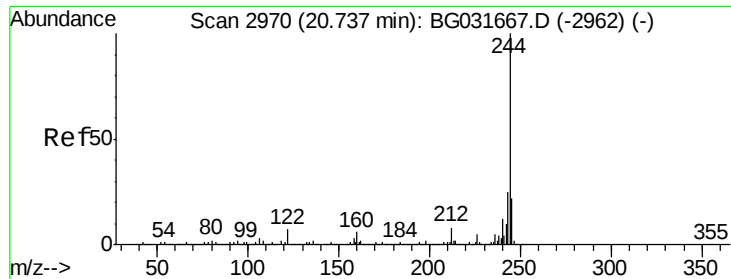
Tgt Ion:188 Resp: 386323
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 6.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031731.D
Acq: 23 Dec 2017 3:33

Tgt Ion:240 Resp: 443576
Ion Ratio Lower Upper
240 100
120 6.8 6.8 10.2
236 25.6 20.9 31.3

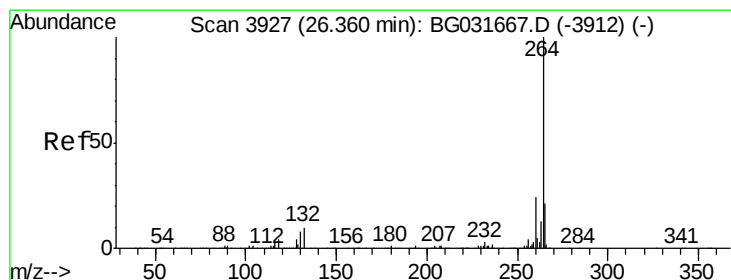
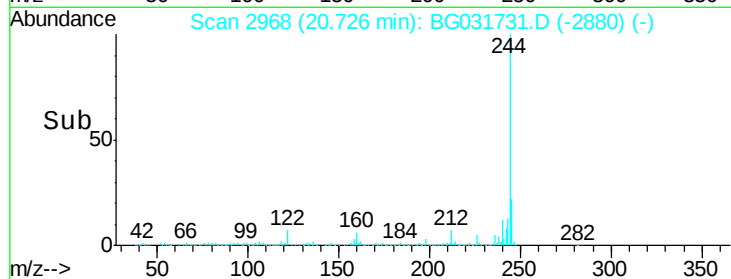
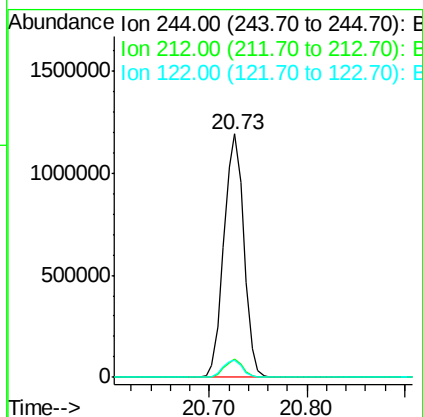
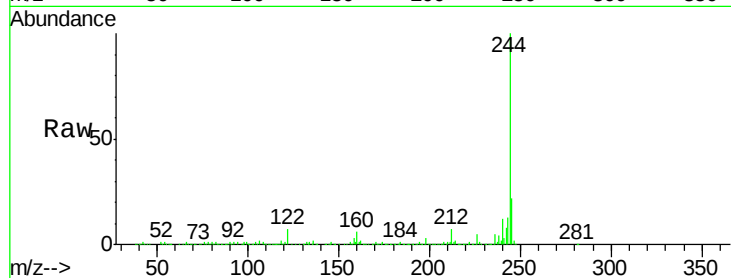




#78
 Terphenyl-d14
 Concen: 86.927 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG031731.D
 Acq: 23 Dec 2017 3:33

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-9-121917

Tgt Ion:244 Resp: 1687732
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 6.9 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.34 min Scan# 3923
 Delta R.T. -0.02 min
 Lab File: BG031731.D
 Acq: 23 Dec 2017 3:33

Tgt Ion:264 Resp: 474705
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.4 26.0
 265 20.8 17.7 26.5

