

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031701.D
 Acq On : 22 Dec 2017 8:38
 Operator : SJ/JU
 Sample : I6681-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-121917-C

Quant Time: Dec 22 09:58:50 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 03:38:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	53121	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	205556	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	139291	20.00	ng	0.00
63) Phenanthrene-d10	18.19	188	371104	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	452116	20.00	ng	-0.02
86) Perylene-d12	26.34	264	476404	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	355473	121.88	ng	0.00
7) Phenol-d6	7.92	99	395414	104.42	ng	0.00
23) Nitrobenzene-d5	10.02	82	261655	96.12	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	326357	153.55	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	951538	85.74	ng	0.00
78) Terphenyl-d14	20.73	244	1866924	94.34	ng	0.00

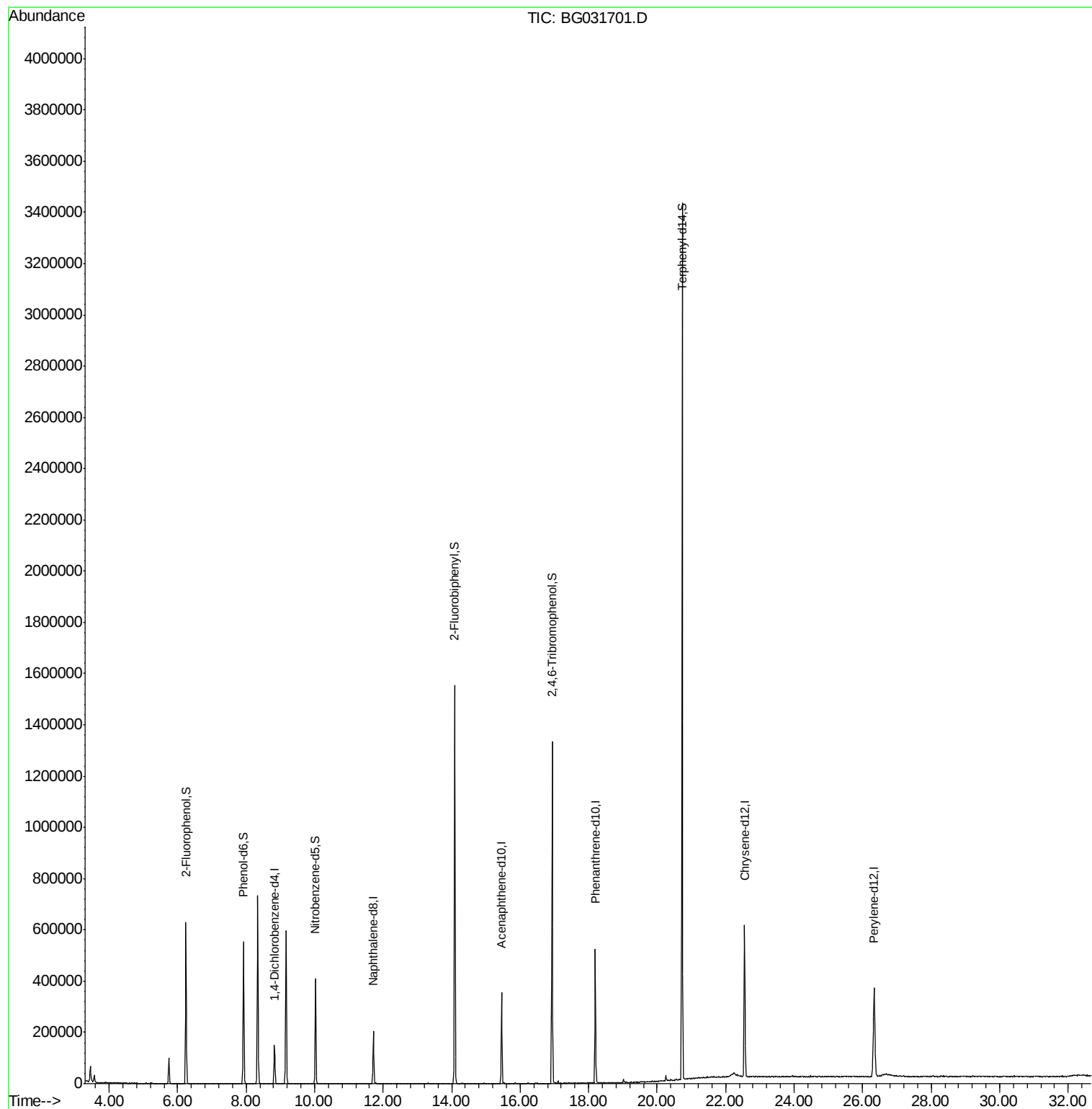
Target Compounds Qvalue

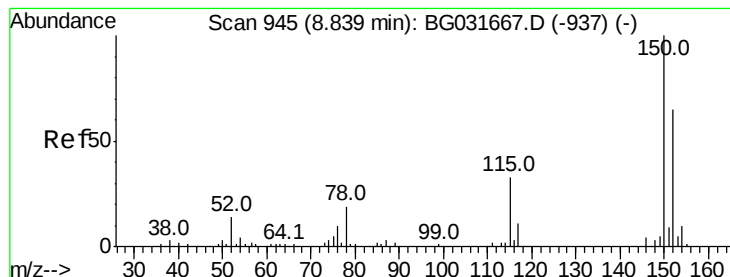
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG031701.D

Acq: 22 Dec 2017 8:38

Instrument :

BNA_G

ClientSampleId :

PL-01-121917-C

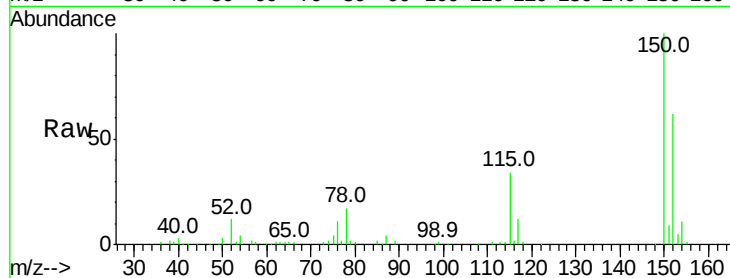
Tot Ion:152 Resp: 53121

Ion Ratio Lower Upper

152 100

150 162.3 126.6 189.8

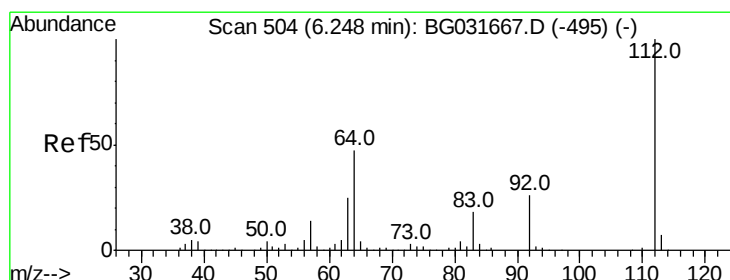
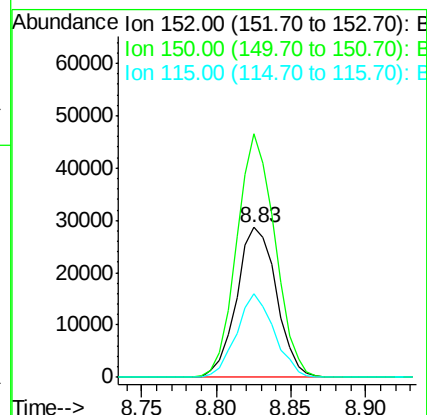
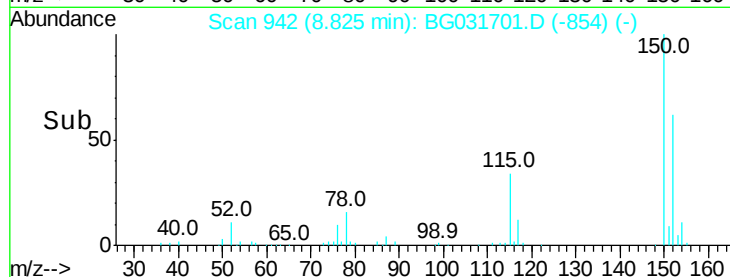
115 55.7 53.0 79.4



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: 121.883 ng

RT: 6.24 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG031701.D

Acq: 22 Dec 2017 8:38

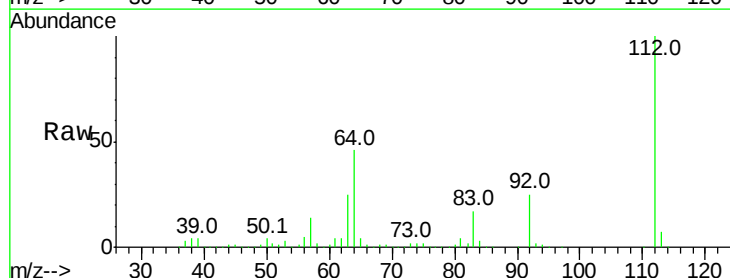
Tgt Ion:112 Resp: 355473

Ion Ratio Lower Upper

112 100

64 46.2 56.3 84.5#

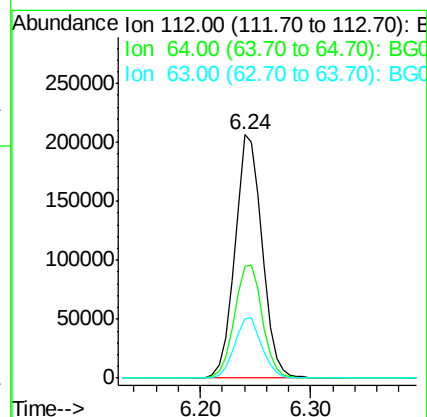
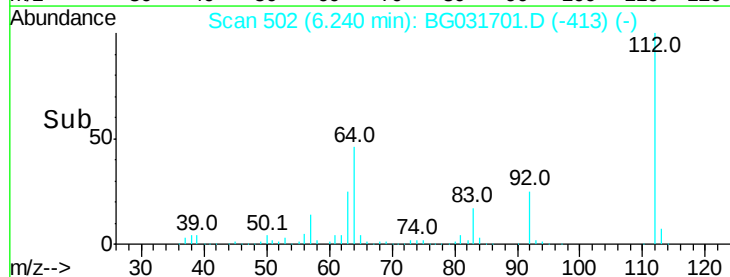
63 24.6 30.1 45.1#

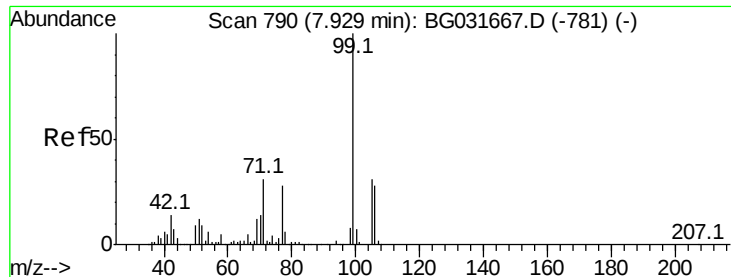


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.424 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031701.D

Acq: 22 Dec 2017 8:38

Instrument :

BNA_G

ClientSampleId :

PL-01-121917-C

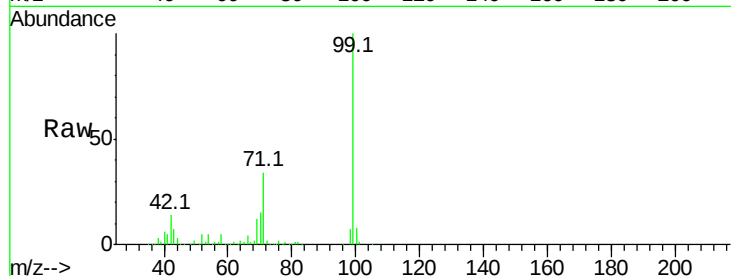
Tot Ion: 99 Resp: 395414

Ion Ratio Lower Upper

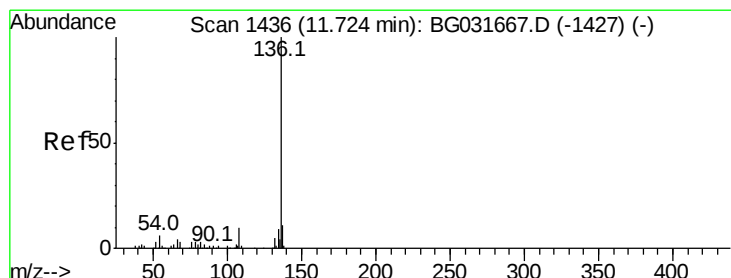
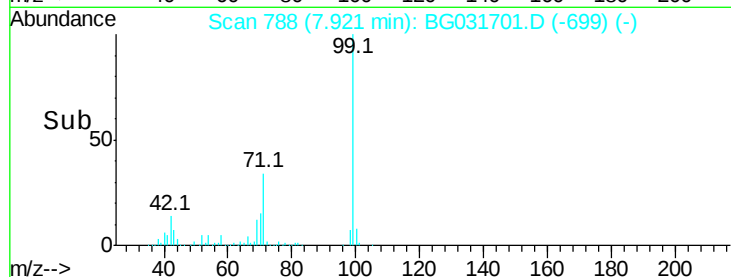
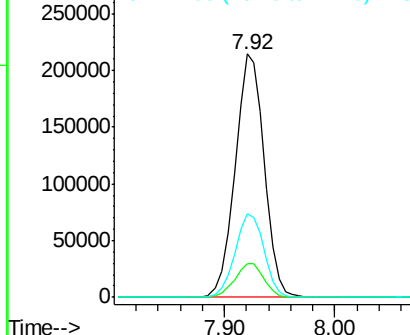
99 100

42 13.7 14.1 21.1#

71 34.3 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: 11.72 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031701.D

Acq: 22 Dec 2017 8:38

Tgt Ion: 136 Resp: 205556

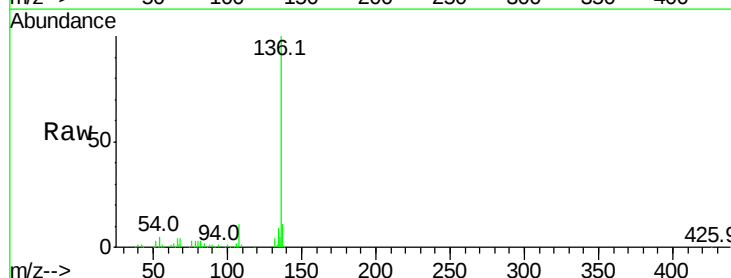
Ion Ratio Lower Upper

136 100

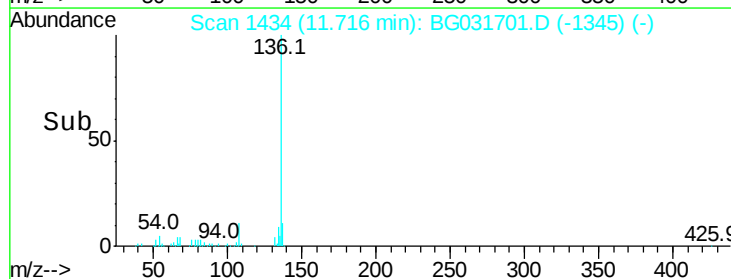
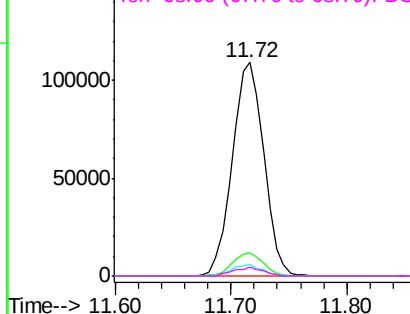
137 10.9 9.2 13.8

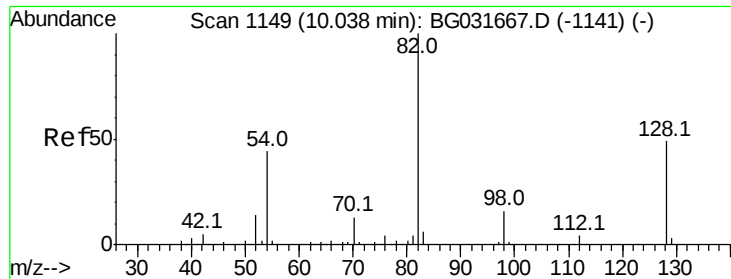
54 5.4 10.3 15.5#

68 4.0 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: 96.120 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BG031701.D

Acq: 22 Dec 2017 8:38

Instrument :

BNA_G

ClientSampleId :

PL-01-121917-C

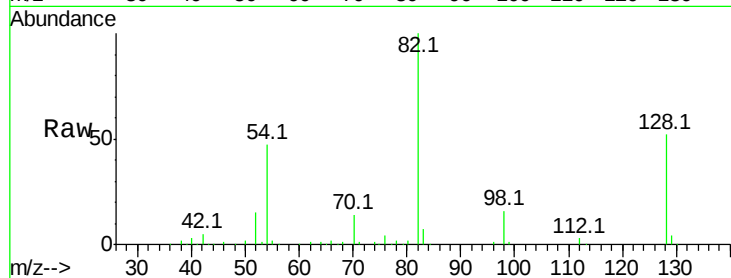
Tot Ion: 82 Resp: 261655

Ion Ratio Lower Upper

82 100

128 52.0 29.7 44.5#

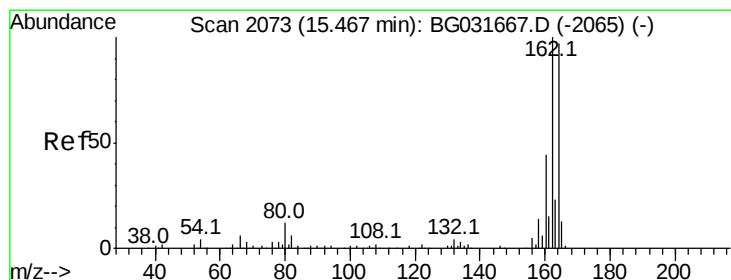
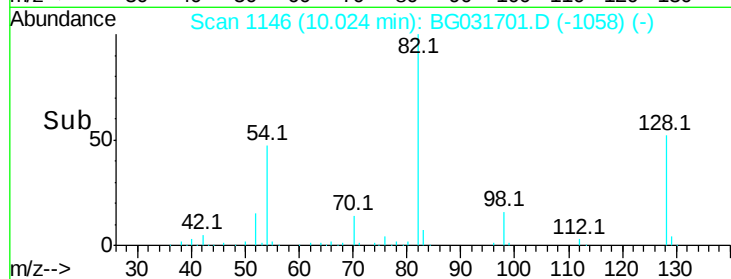
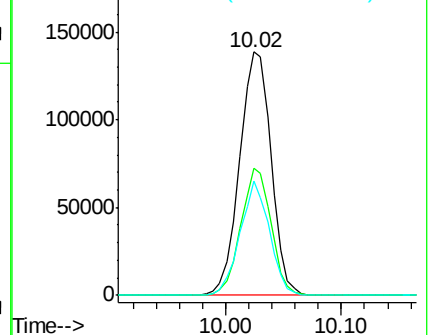
54 46.7 43.1 64.7



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: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031701.D

Acq: 22 Dec 2017 8:38

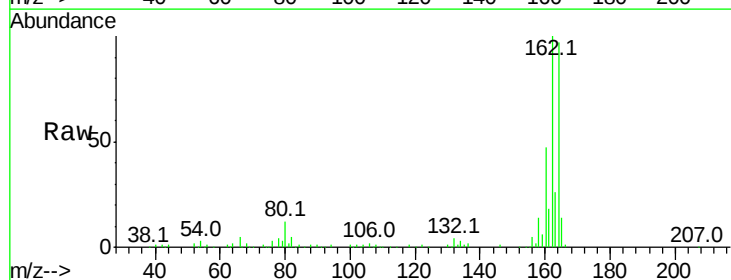
Tgt Ion:164 Resp: 139291

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

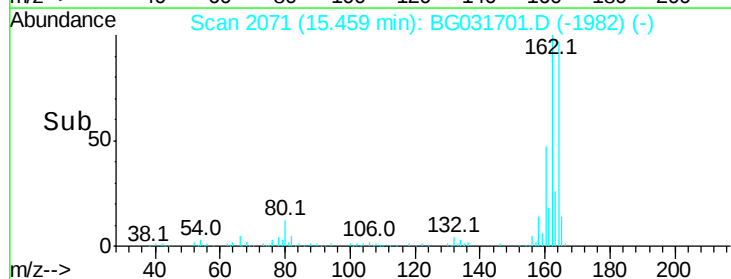
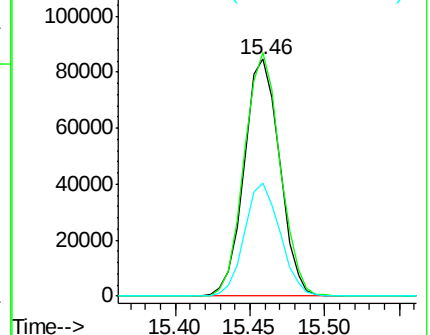
160 47.8 35.4 53.0

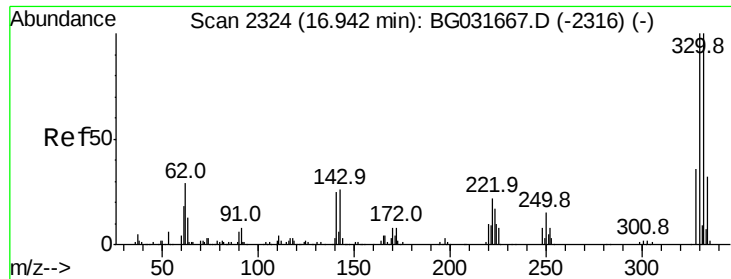


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

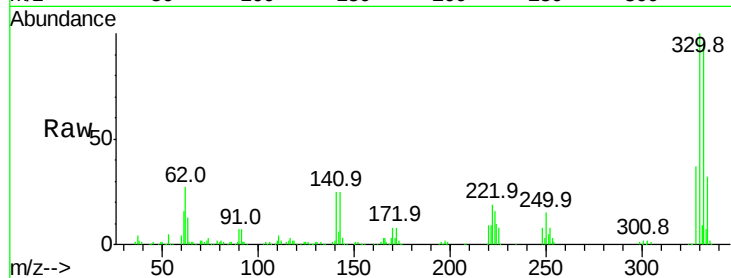




#41
 2,4,6-Tribromophenol
 Concen: 153.552 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031701.D
 Acq: 22 Dec 2017 8:38

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-121917-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	25.4	25.2	37.8

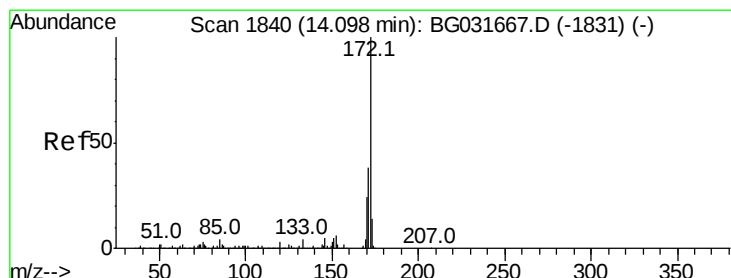
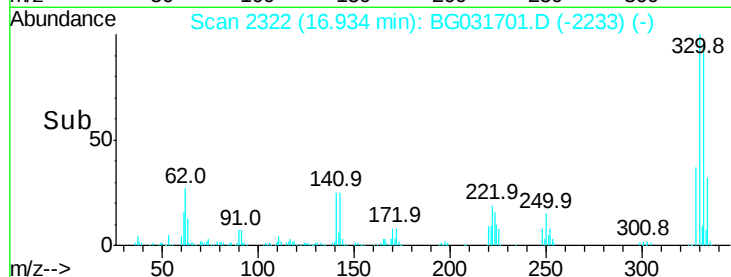
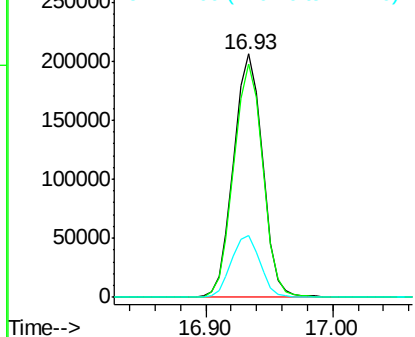


Abundance

Ion 329.80 (329.50 to 330.50): E

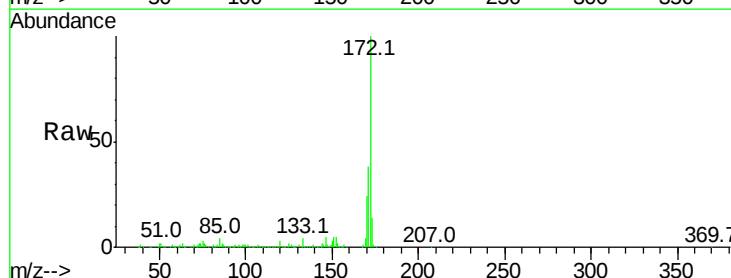
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.742 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031701.D
 Acq: 22 Dec 2017 8:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.8	19.5	29.3

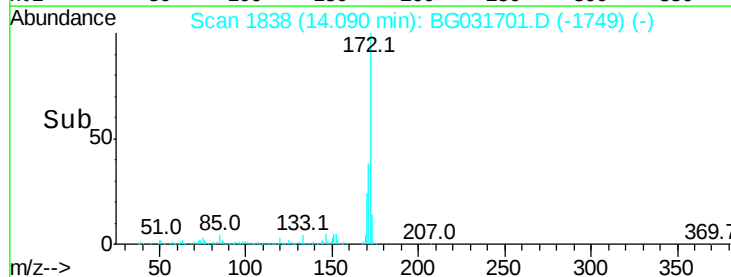
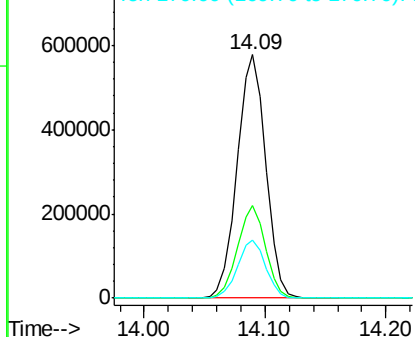


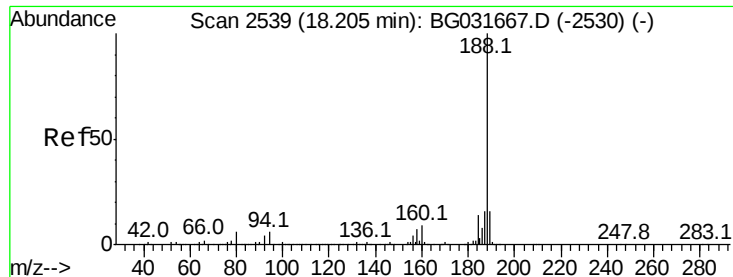
Abundance

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

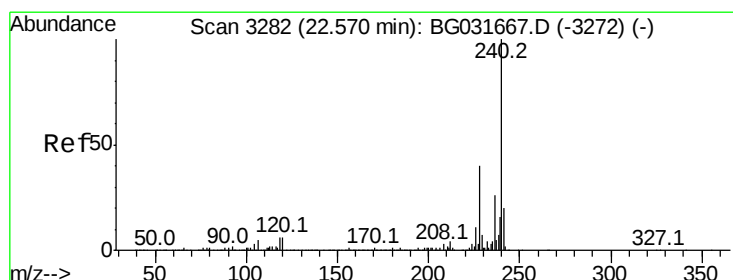
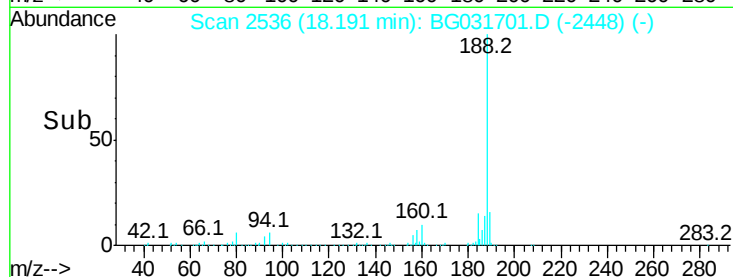
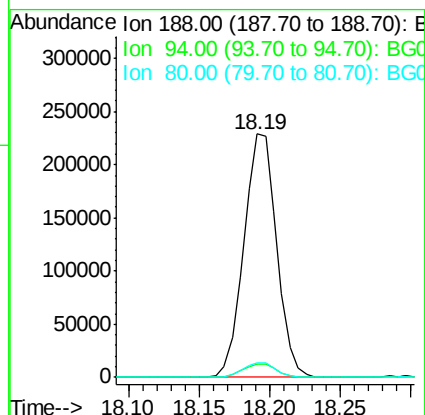
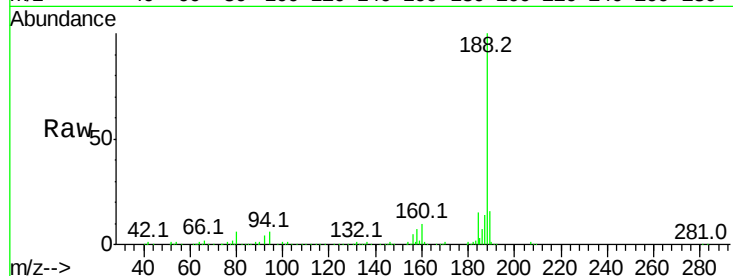




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BG031701.D
Acq: 22 Dec 2017 8:38

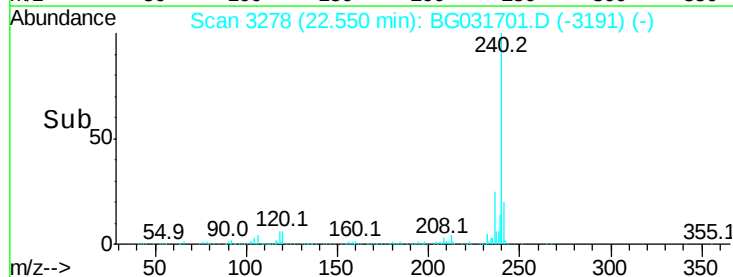
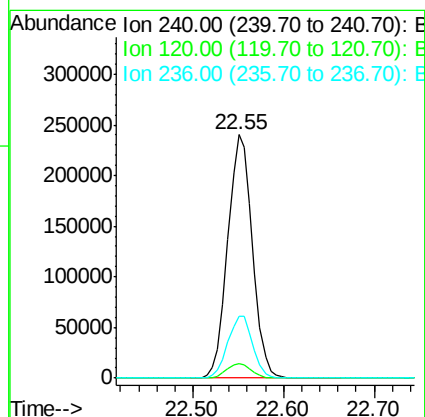
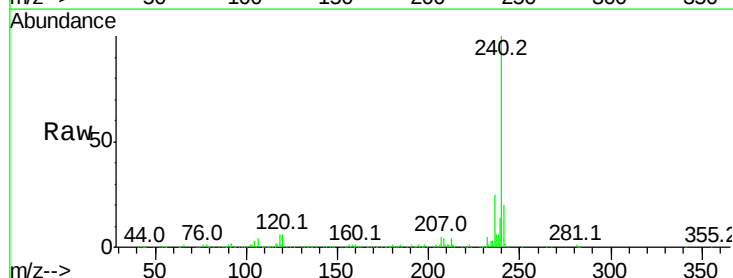
Instrument :
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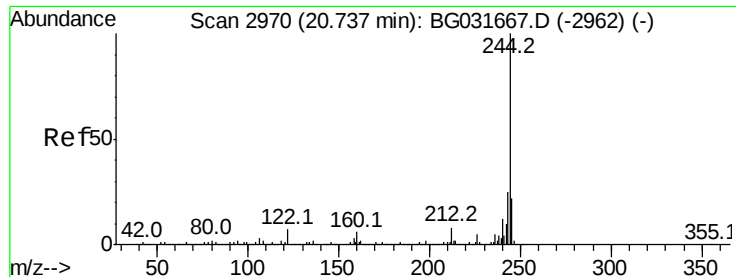
Tot Ion:188 Resp: 371104
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 5.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031701.D
Acq: 22 Dec 2017 8:38

Tgt Ion:240 Resp: 452116
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 94.340 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031701.D

Acq: 22 Dec 2017 8:38

Instrument :

BNA_G

ClientSampleId :

PL-01-121917-C

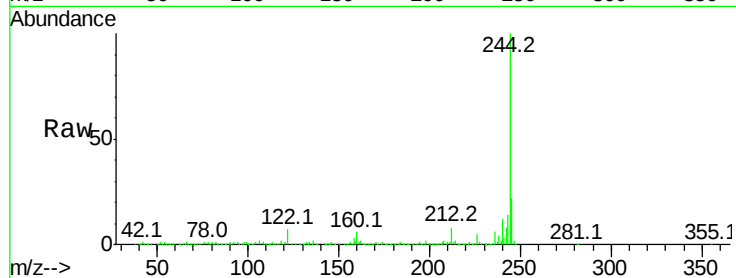
Tot Ion:244 Resp: 1866924

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

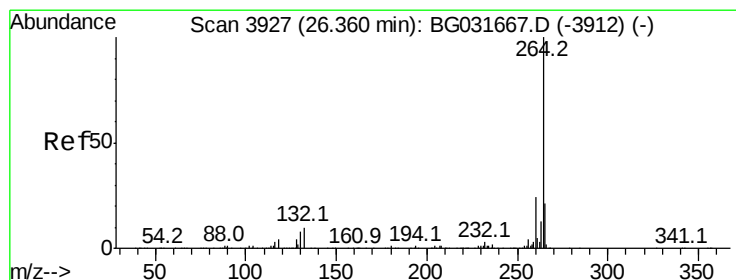
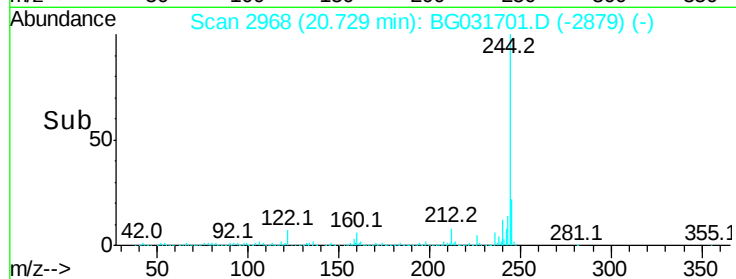
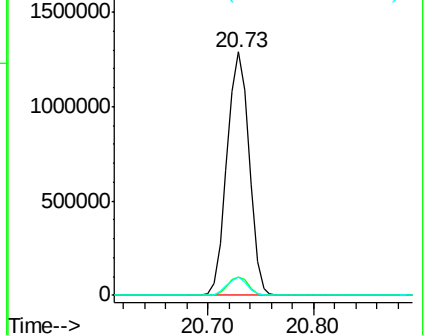
122 7.3 7.0 10.4



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: 26.34 min Scan# 3923

Delta R.T. -0.02 min

Lab File: BG031701.D

Acq: 22 Dec 2017 8:38

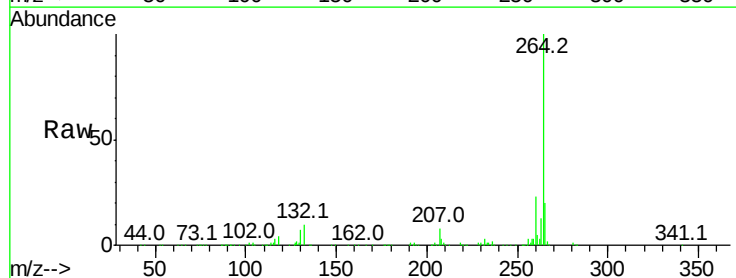
Tgt Ion:264 Resp: 476404

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 19.8 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

