

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031769.D
 Acq On : 26 Dec 2017 19:46
 Operator : SJ/JU
 Sample : PB105319TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105319TB

Quant Time: Dec 27 05:48:30 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	8.81	152	42157	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	176071	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	124194	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	340825	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	426770	20.00	ng	-0.06
86) Perylene-d12	26.27	264	455349	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	346197	149.57	ng	-0.02
7) Phenol-d6	7.91	99	431649	143.64	ng	-0.02
23) Nitrobenzene-d5	10.00	82	220286	94.47	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	312377	164.84	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	862451	87.16	ng	-0.03
78) Terphenyl-d14	20.70	244	1744907	93.41	ng	-0.03

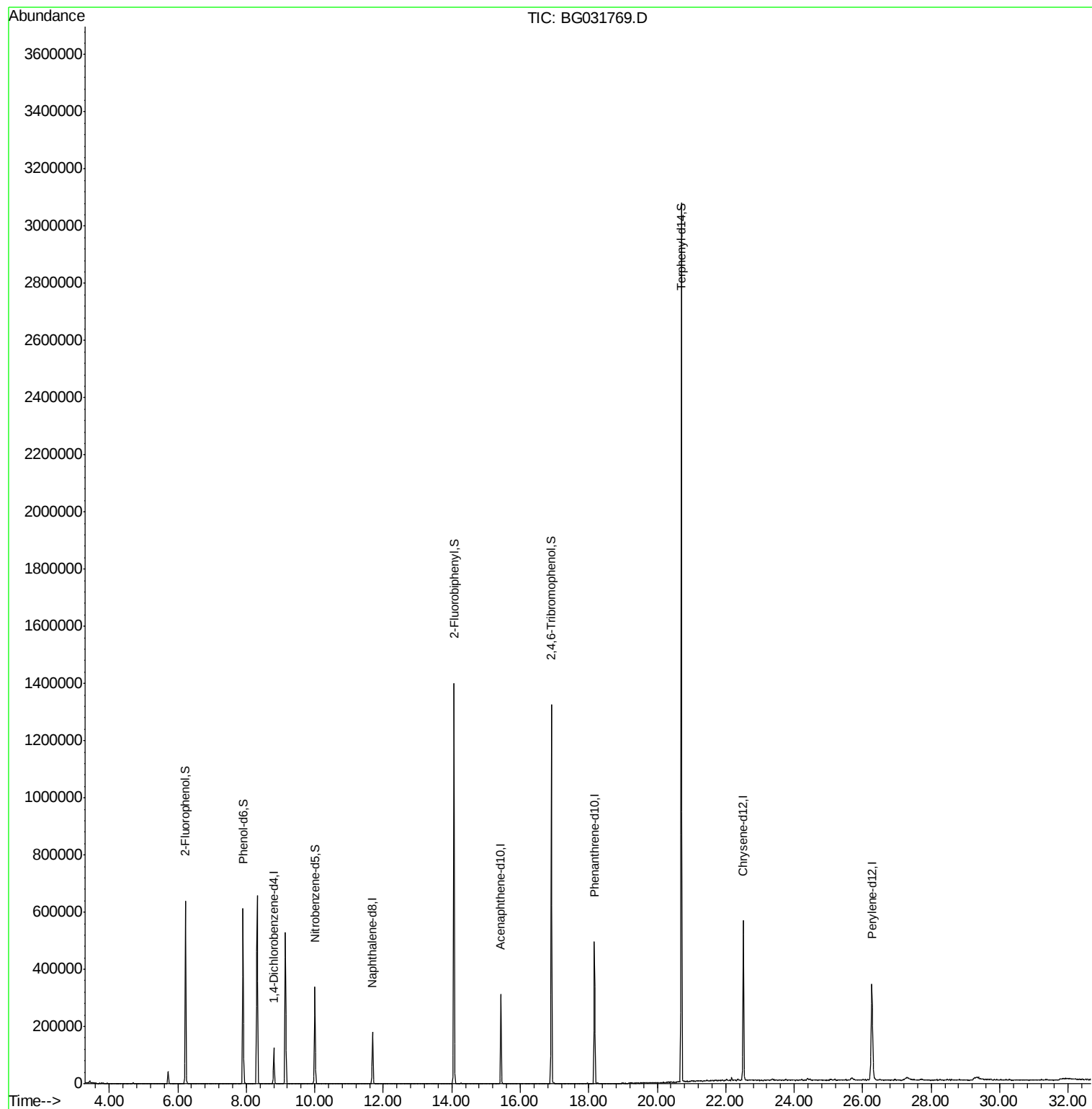
Target Compounds Qvalue

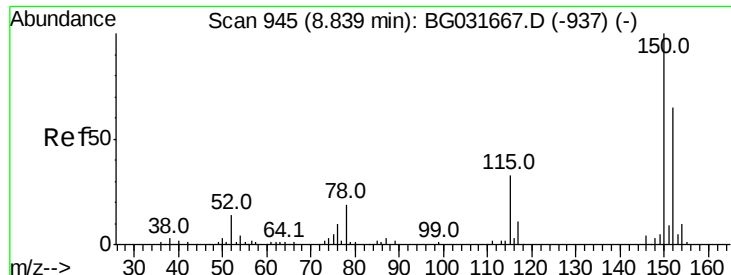
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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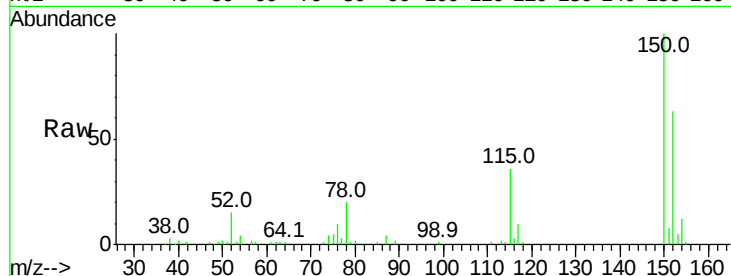


#1

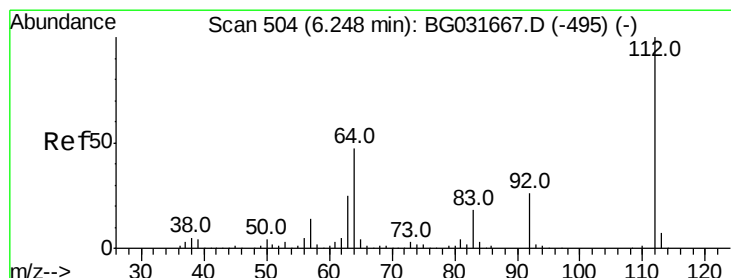
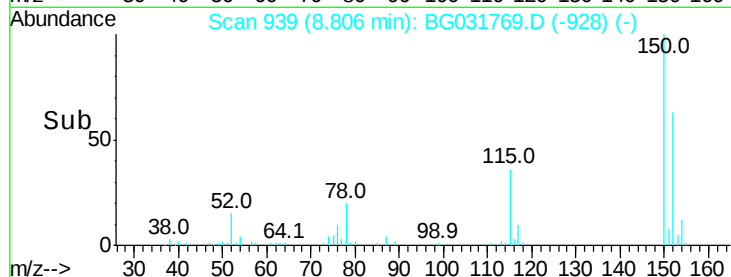
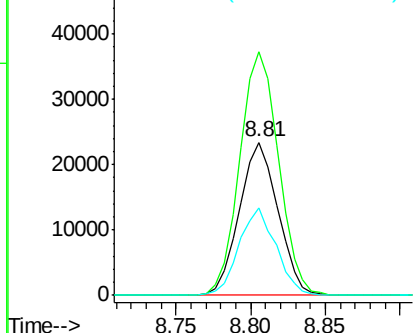
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Instrument :
BNA_G
ClientSampleId :
PB105319TB

Tot Ion:152 Resp: 42157
Ion Ratio Lower Upper
152 100
150 159.4 126.6 189.8
115 57.2 53.0 79.4



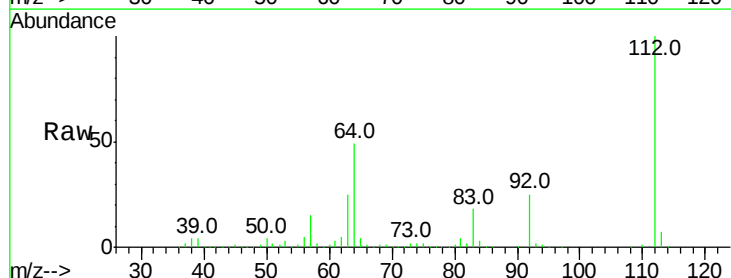
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



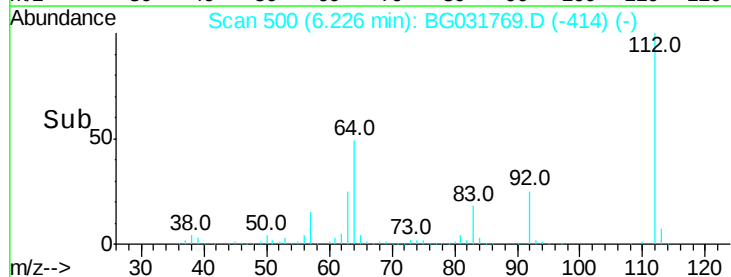
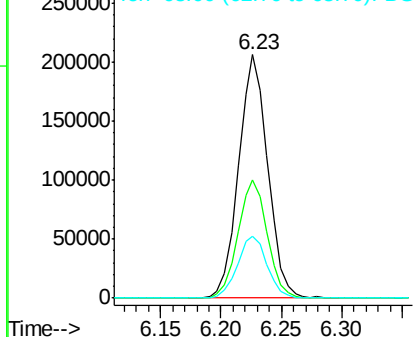
#5

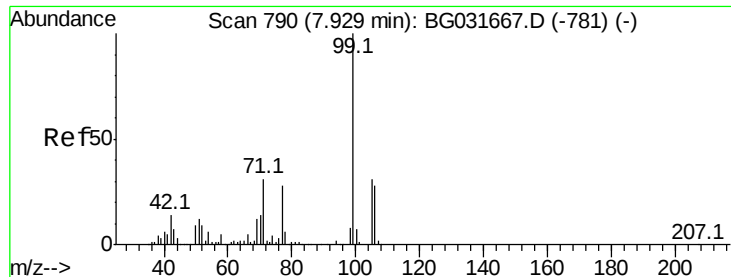
2-Fluorophenol
Concen: 149.574 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Tgt Ion:112 Resp: 346197
Ion Ratio Lower Upper
112 100
64 48.8 56.3 84.5#
63 25.3 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: 143.641 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031769.D

Acq: 26 Dec 2017 19:46

Instrument :

BNA_G

ClientSampleId :

PB105319TB

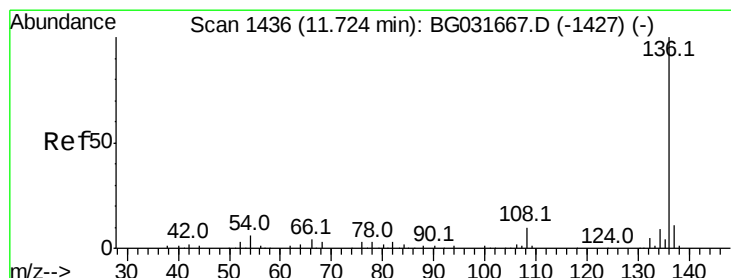
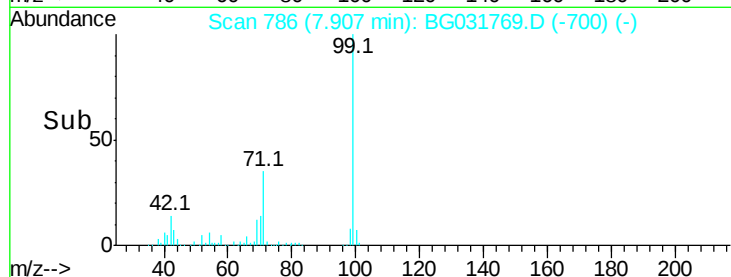
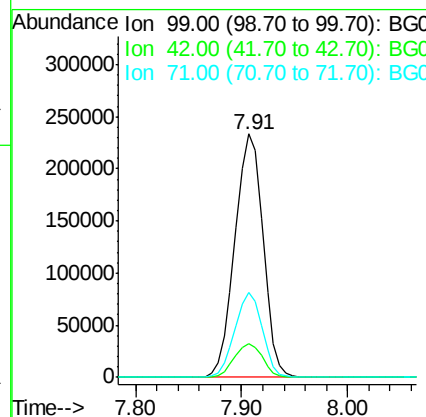
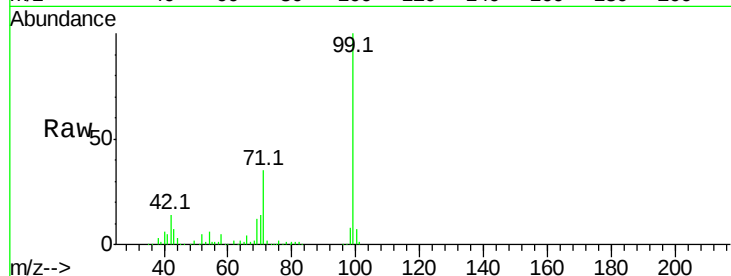
Tot Ion: 99 Resp: 431649

Ion Ratio Lower Upper

99 100

42 13.9 14.1 21.1#

71 35.0 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031769.D

Acq: 26 Dec 2017 19:46

Tgt Ion: 136 Resp: 176071

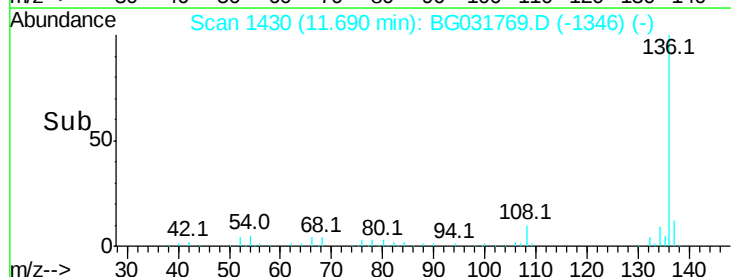
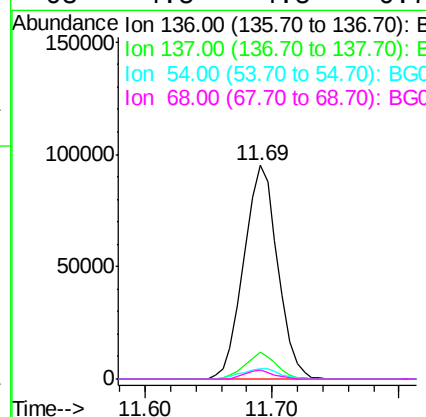
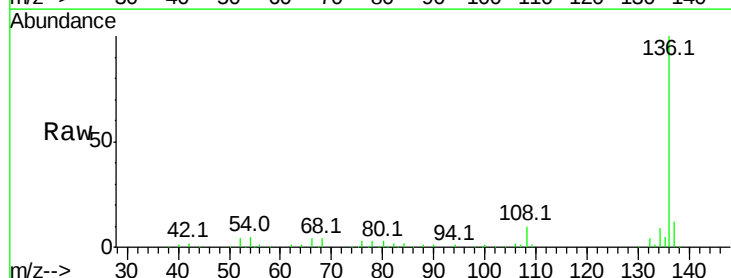
Ion Ratio Lower Upper

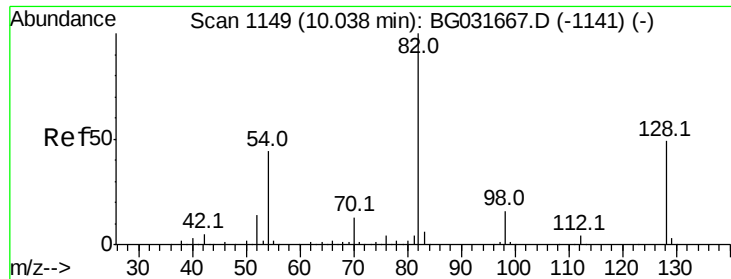
136 100

137 12.5 9.2 13.8

54 5.1 10.3 15.5#

68 4.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 94.475 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BG031769.D

Acq: 26 Dec 2017 19:46

Instrument :

BNA_G

ClientSampleId :

PB105319TB

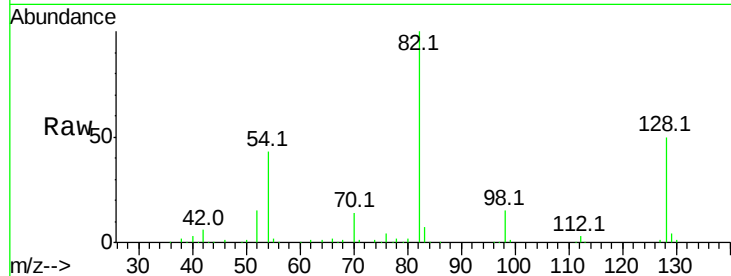
Tot Ion: 82 Resp: 220286

Ion Ratio Lower Upper

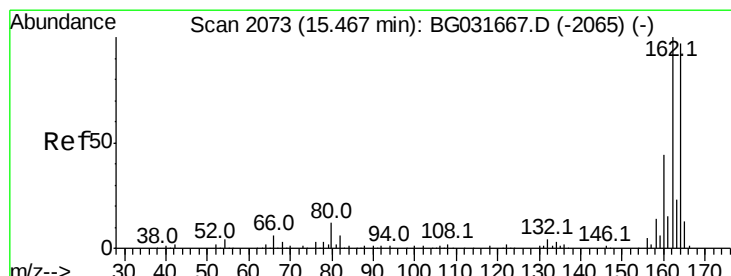
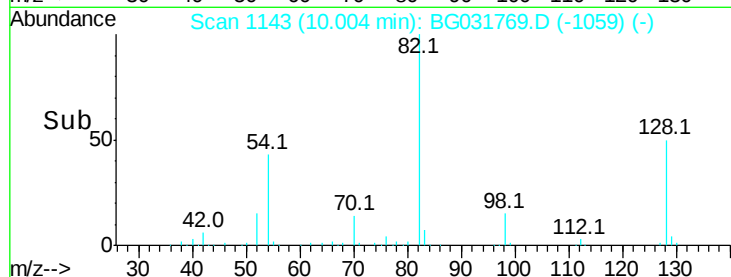
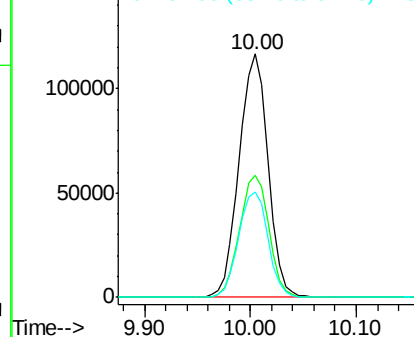
82 100

128 50.3 29.7 44.5#

54 43.4 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: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031769.D

Acq: 26 Dec 2017 19:46

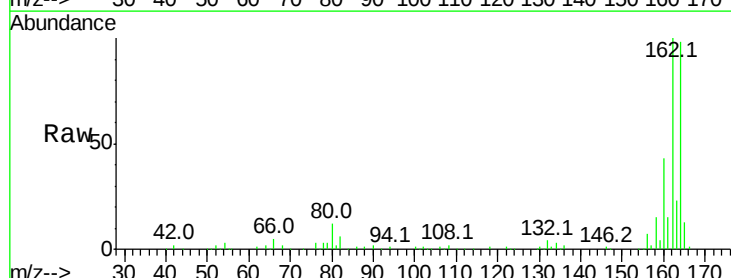
Tgt Ion:164 Resp: 124194

Ion Ratio Lower Upper

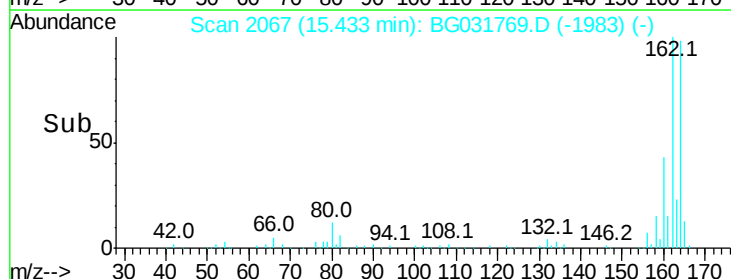
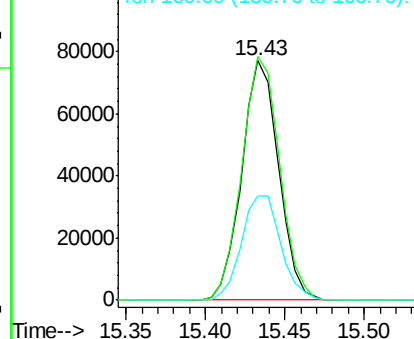
164 100

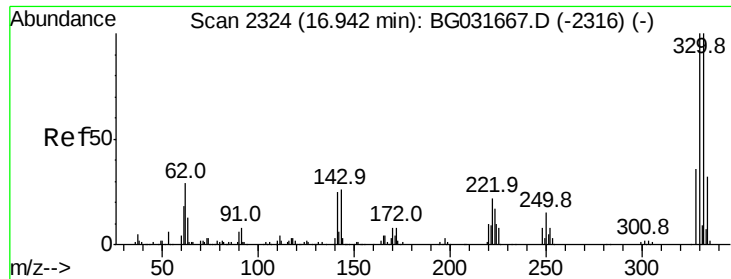
162 101.7 78.8 118.2

160 43.7 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

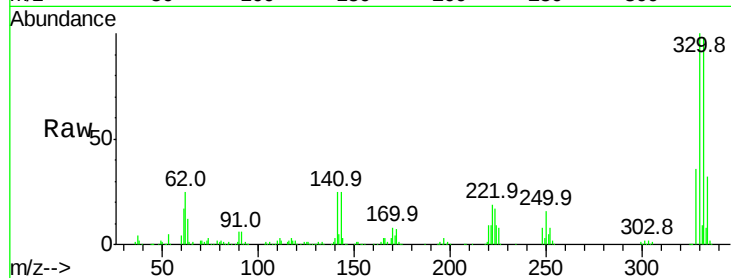




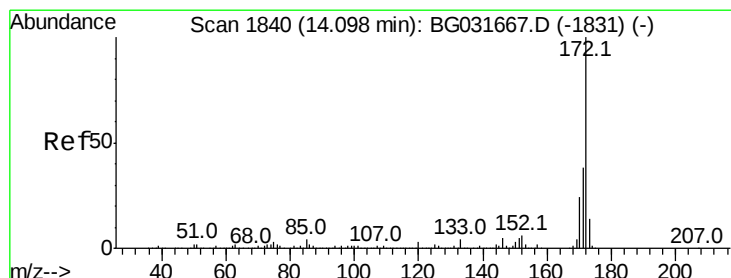
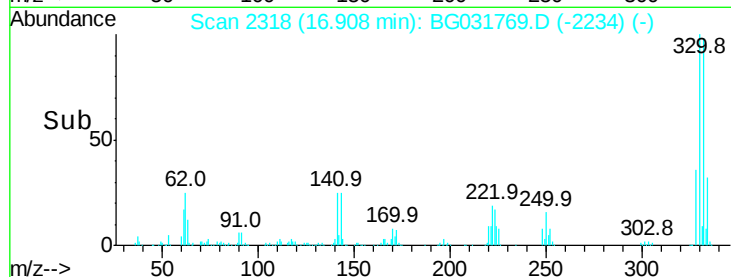
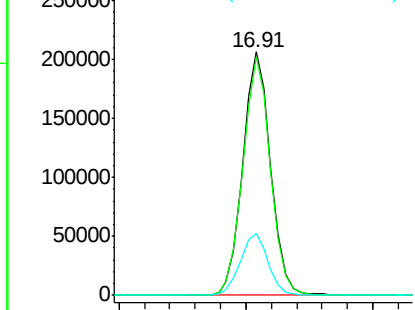
#41
 2,4,6-Tribromophenol
 Concen: 164.840 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031769.D
 Acq: 26 Dec 2017 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PB105319TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	25.3	25.2	37.8

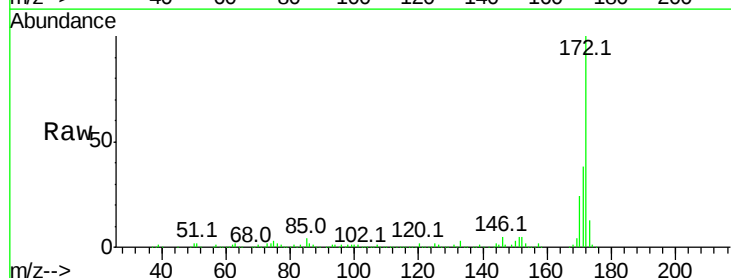


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

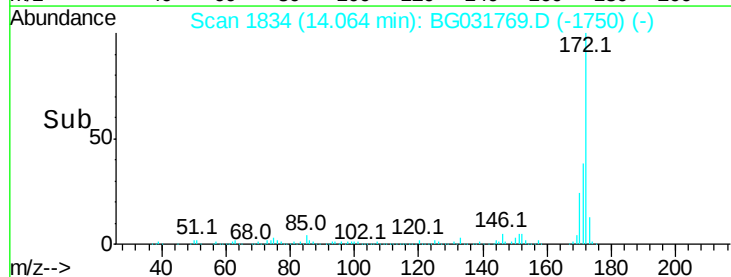
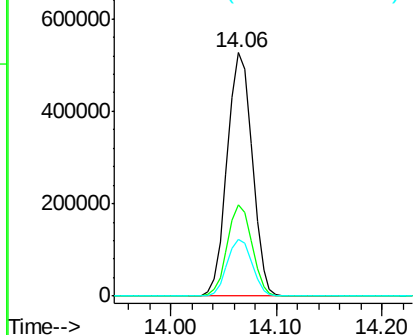


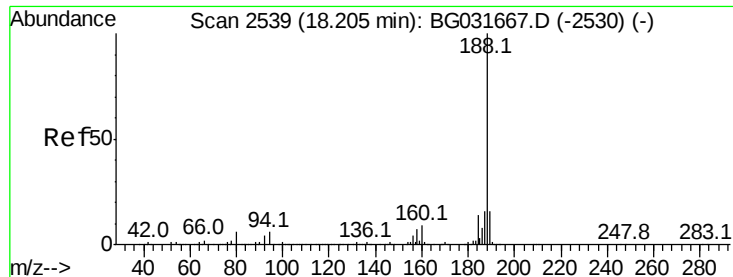
#44
 2-Fluorobiphenyl
 Concen: 87.161 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031769.D
 Acq: 26 Dec 2017 19:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.5	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

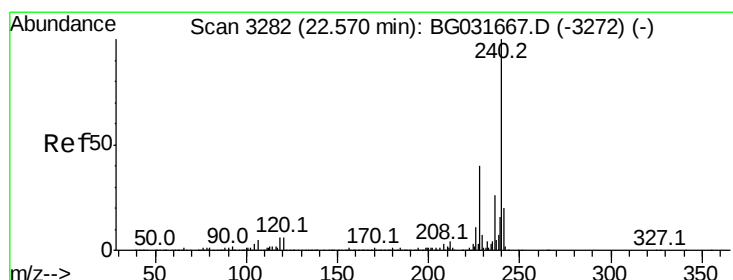
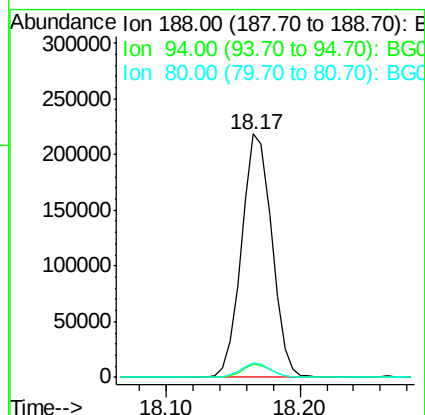
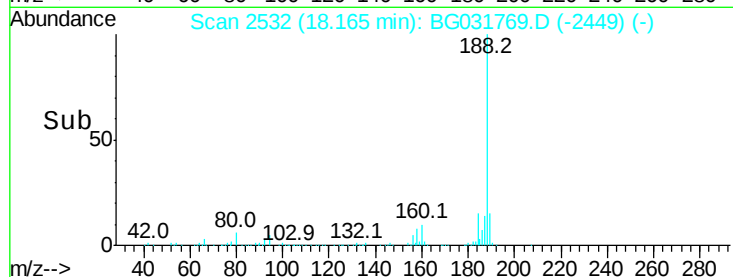
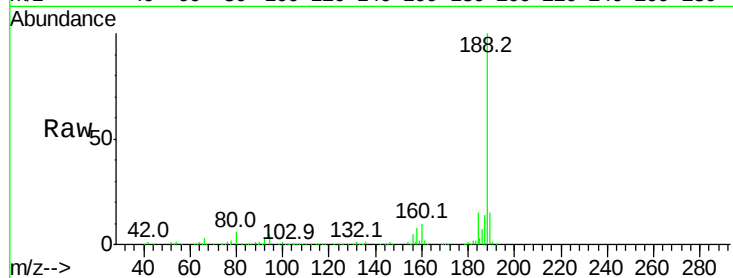




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

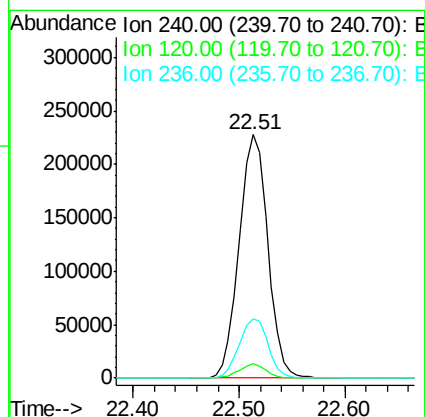
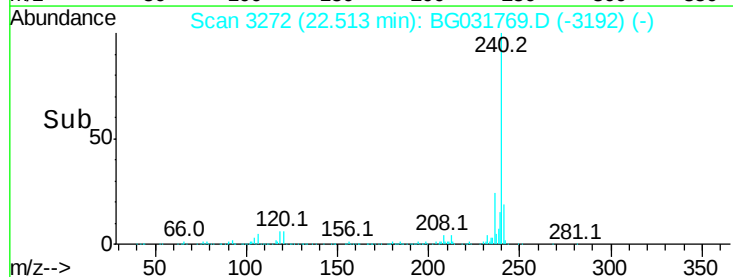
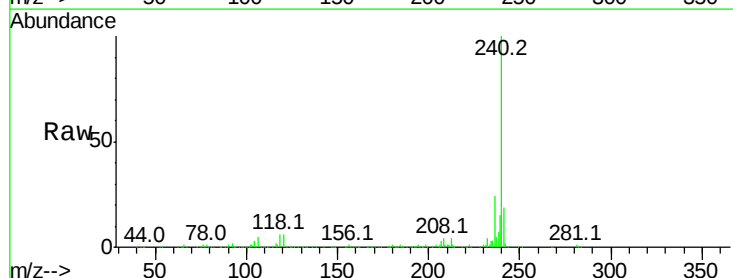
Instrument :
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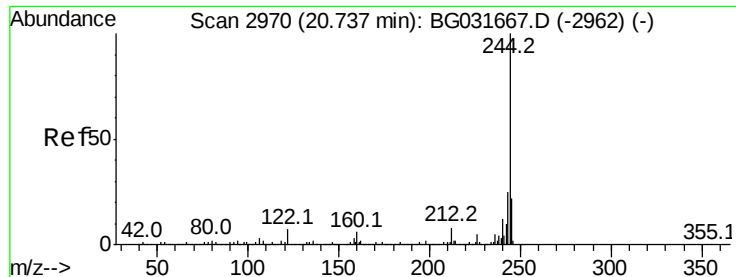
Tot Ion:188 Resp: 340825
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 5.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031769.D
Acq: 26 Dec 2017 19:46

Tgt Ion:240 Resp: 426770
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 24.4 20.9 31.3





#78

Terphenyl-d14

Concen: 93.411 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.03 min

Lab File: BG031769.D

Acq: 26 Dec 2017 19:46

Instrument :

BNA_G

ClientSampleId :

PB105319TB

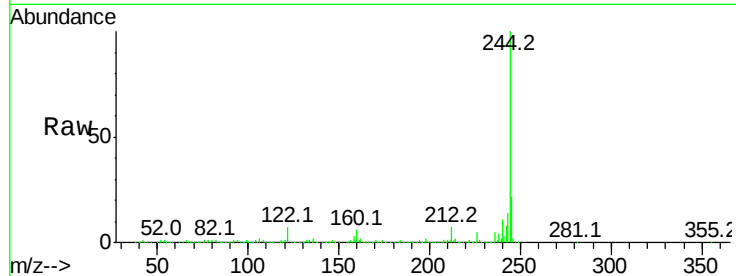
Tot Ion:244 Resp: 1744907

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

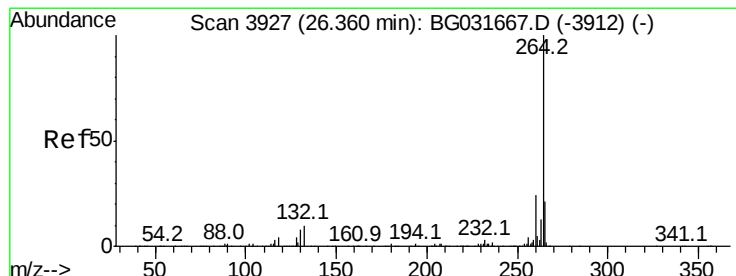
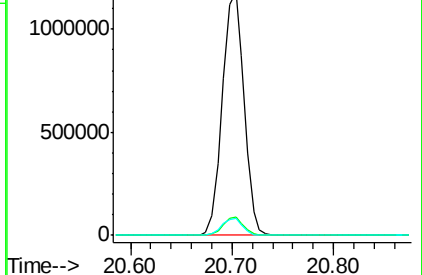
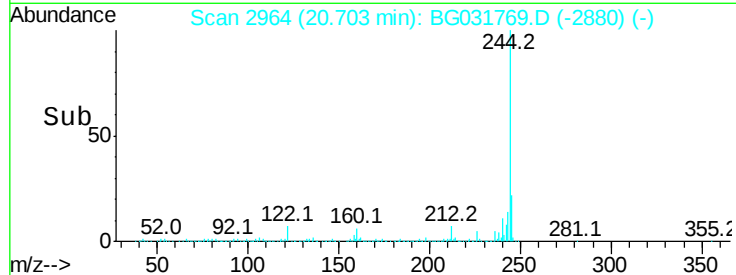
122 6.9 7.0 10.4#



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: 26.27 min Scan# 3911

Delta R.T. -0.09 min

Lab File: BG031769.D

Acq: 26 Dec 2017 19:46

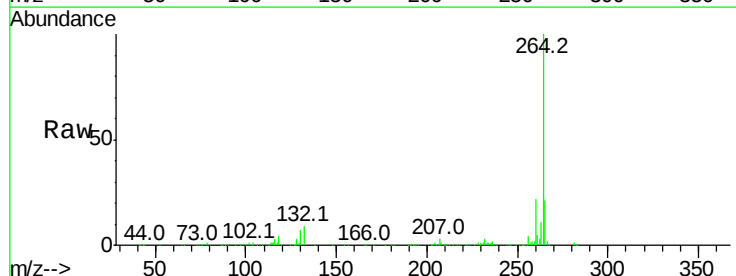
Tgt Ion:264 Resp: 455349

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.4 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

