

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031832.D
 Acq On : 28 Dec 2017 19:27
 Operator : SJ/JU
 Sample : I6685-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-D

Quant Time: Dec 29 06:52:42 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	51467	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	199369	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	134259	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	362408	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	433715	20.00	ng	-0.06
86) Perylene-d12	26.27	264	449740	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	387003	136.96	ng	-0.02
7) Phenol-d6	7.91	99	438009	119.39	ng	-0.02
23) Nitrobenzene-d5	10.00	82	294075	111.38	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	358020	174.76	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	1018436	95.21	ng	-0.03
78) Terphenyl-d14	20.70	244	1959519	103.22	ng	-0.04

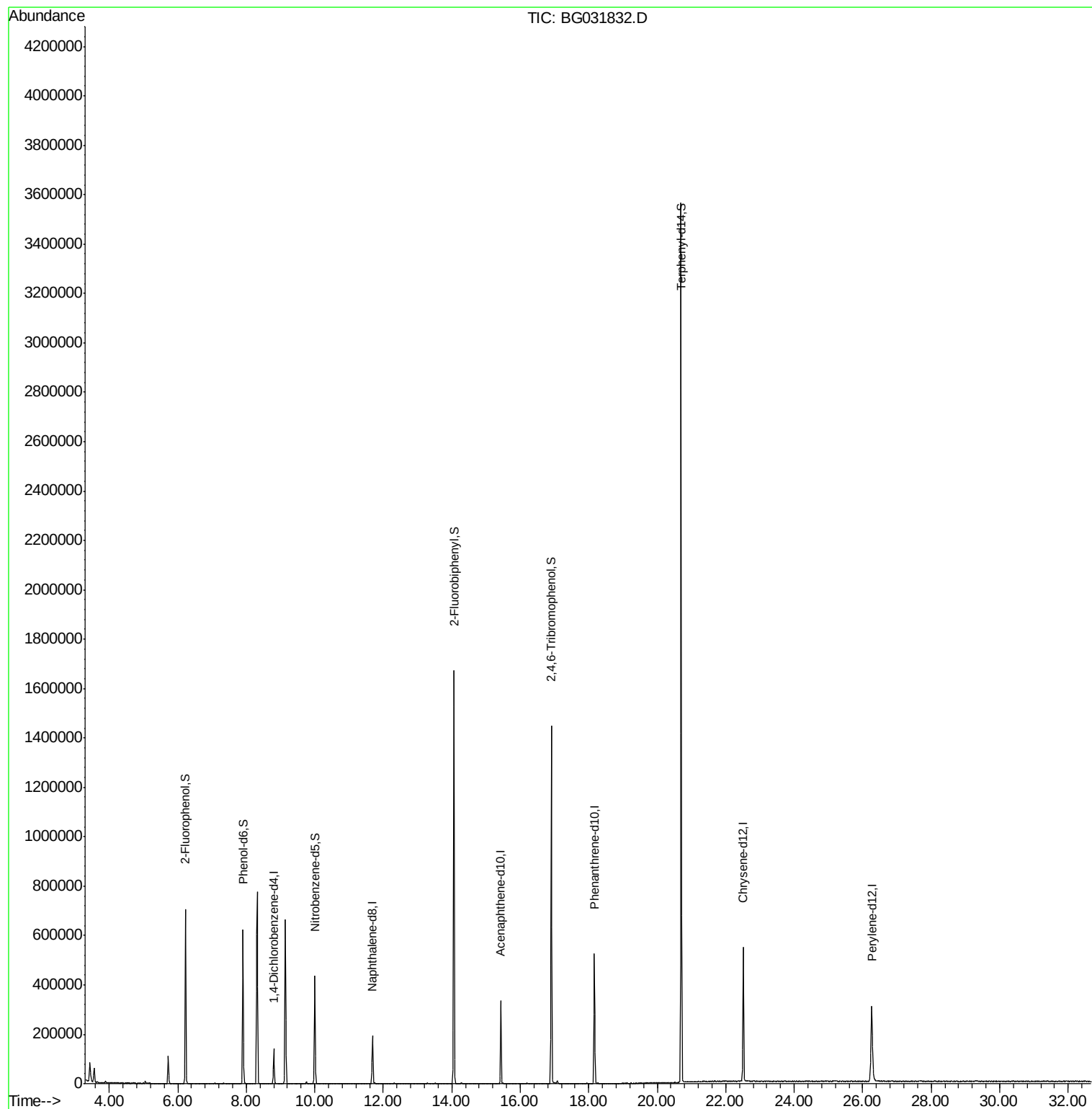
Target Compounds Qvalue

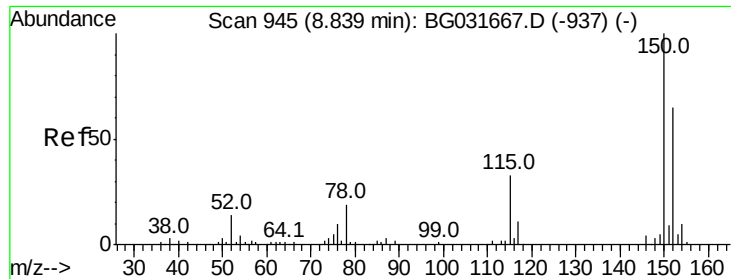
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG031832.D

Acq: 28 Dec 2017 19:27

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-D

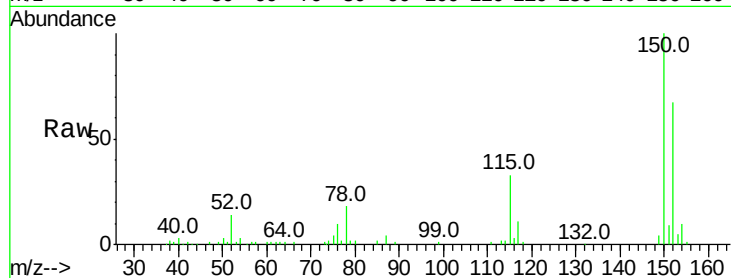
Tot Ion:152 Resp: 51467

Ion Ratio Lower Upper

152 100

150 149.1 126.6 189.8

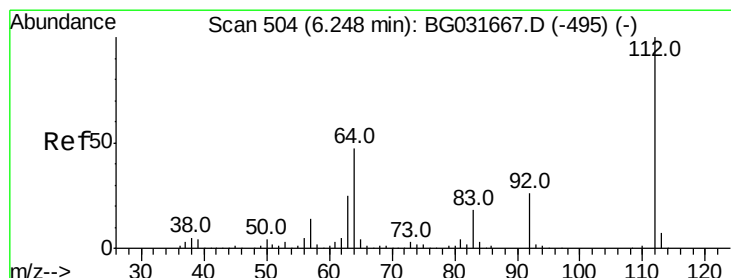
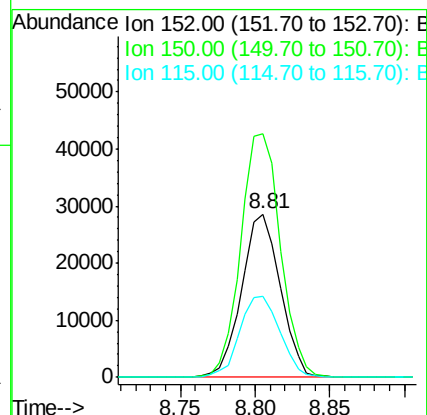
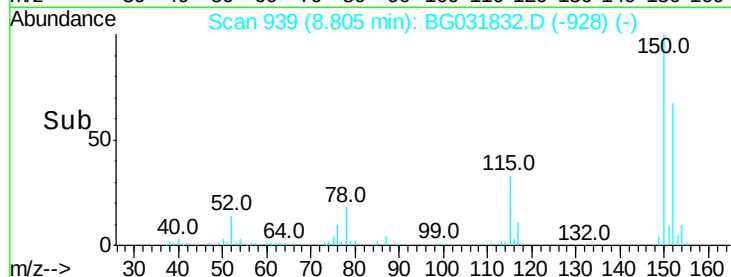
115 49.4 53.0 79.4#



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: 136.958 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031832.D

Acq: 28 Dec 2017 19:27

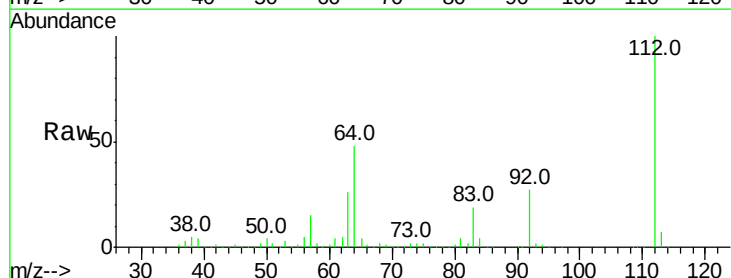
Tgt Ion:112 Resp: 387003

Ion Ratio Lower Upper

112 100

64 48.3 56.3 84.5#

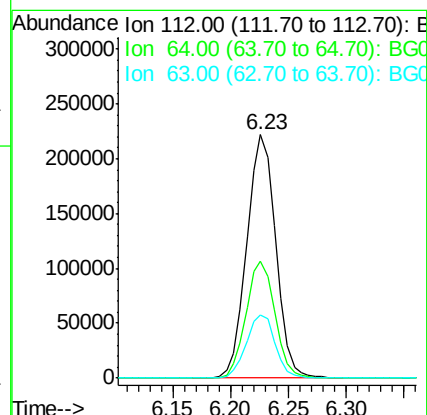
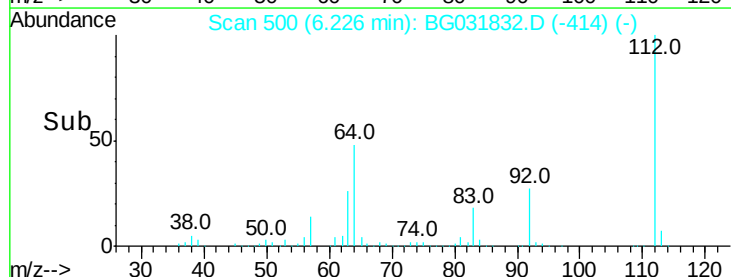
63 26.2 30.1 45.1#

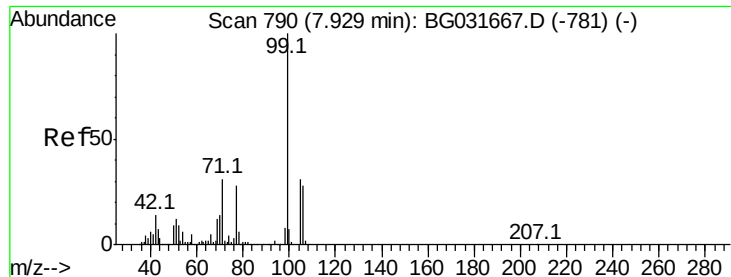


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 119.391 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031832.D

Acq: 28 Dec 2017 19:27

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-D

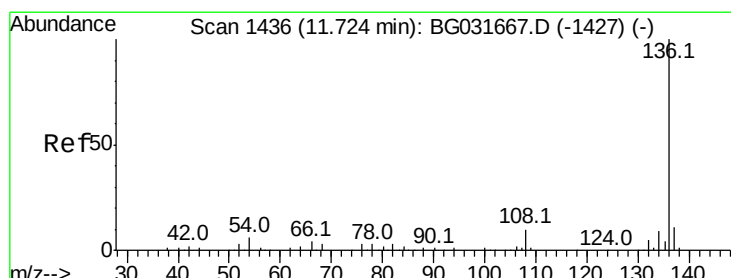
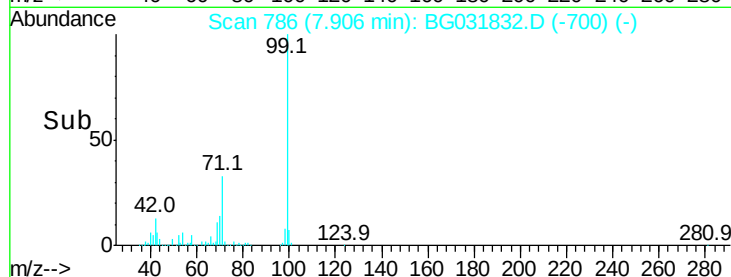
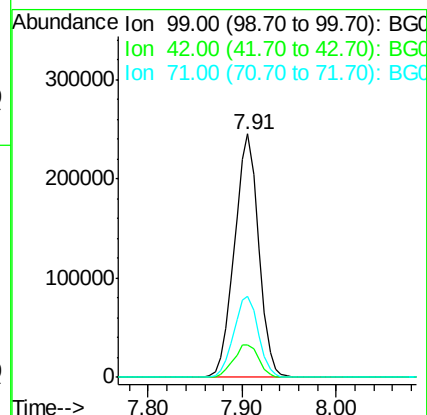
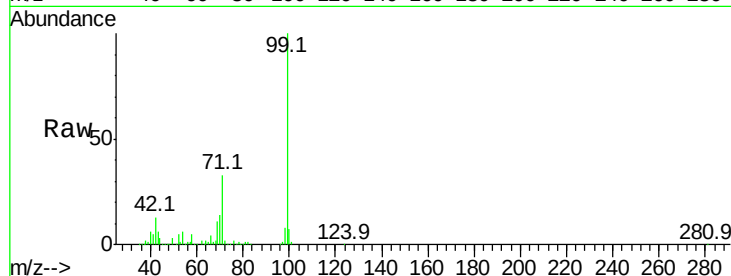
Tot Ion: 99 Resp: 438009

Ion Ratio Lower Upper

99 100

42 13.4 14.1 21.1#

71 33.3 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: BG031832.D

Acq: 28 Dec 2017 19:27

Tgt Ion: 136 Resp: 199369

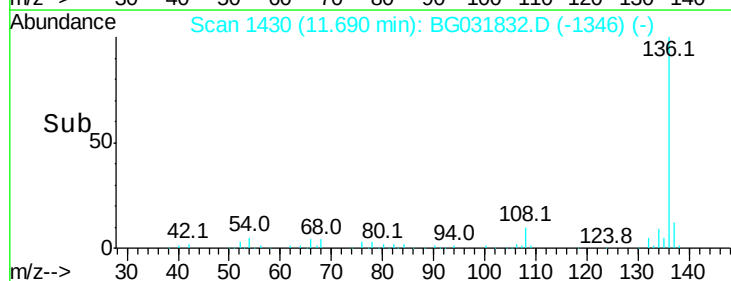
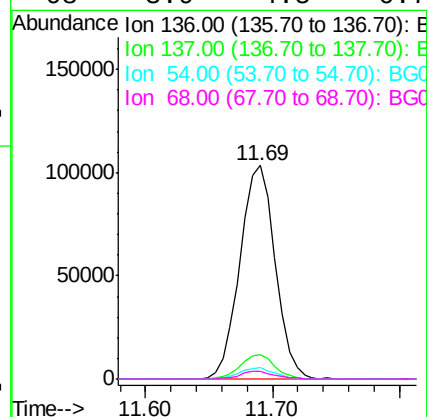
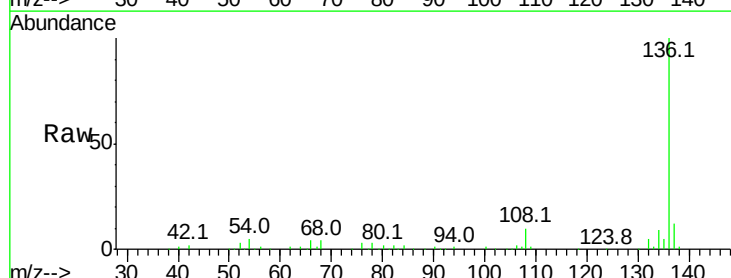
Ion Ratio Lower Upper

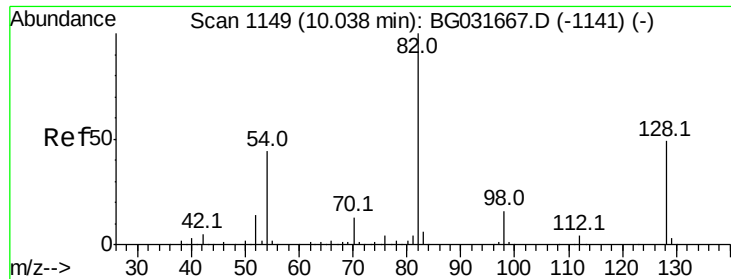
136 100

137 11.5 9.2 13.8

54 5.2 10.3 15.5#

68 3.9 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 111.383 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.04 min

Lab File: BG031832.D

Acq: 28 Dec 2017 19:27

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-D

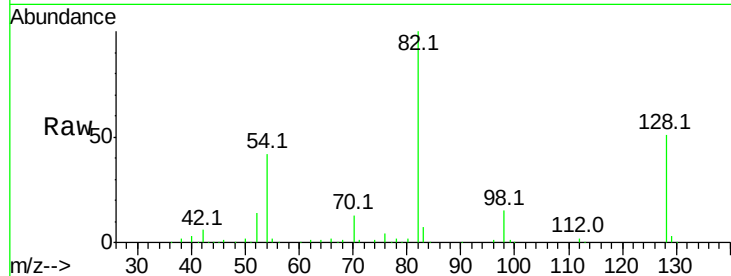
Tot Ion: 82 Resp: 294075

Ion Ratio Lower Upper

82 100

128 50.6 29.7 44.5#

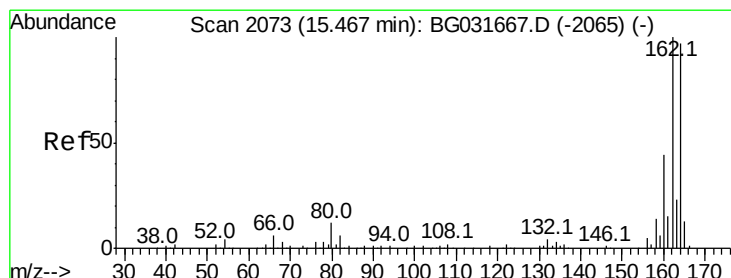
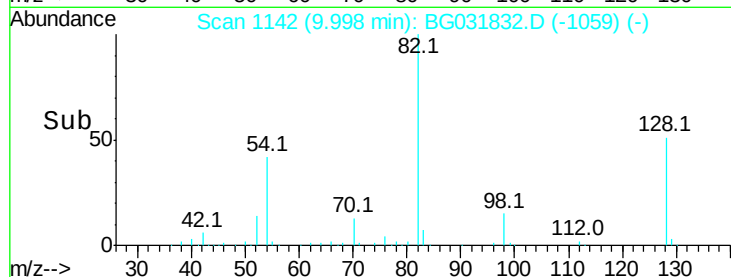
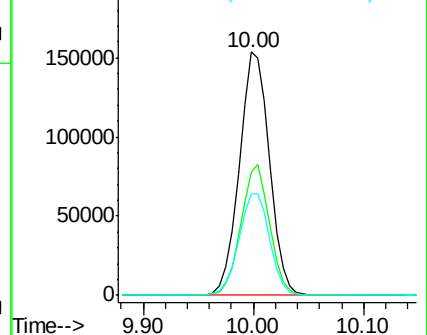
54 41.6 43.1 64.7#



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: BG031832.D

Acq: 28 Dec 2017 19:27

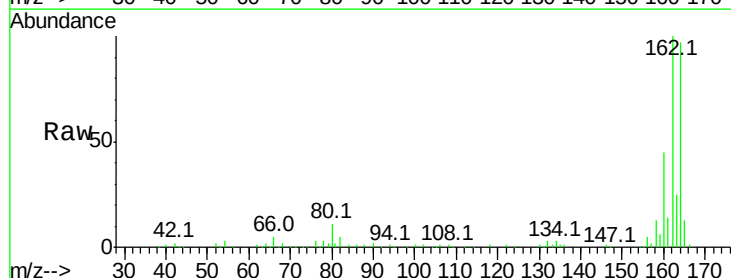
Tgt Ion:164 Resp: 134259

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

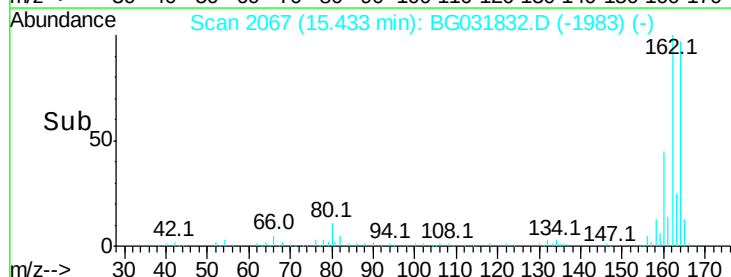
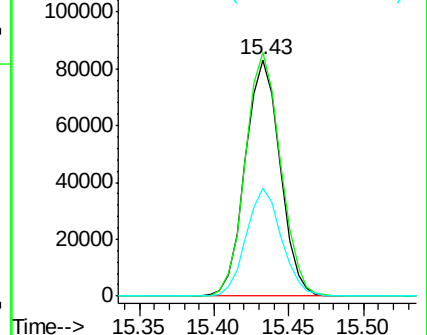
160 45.9 35.4 53.0

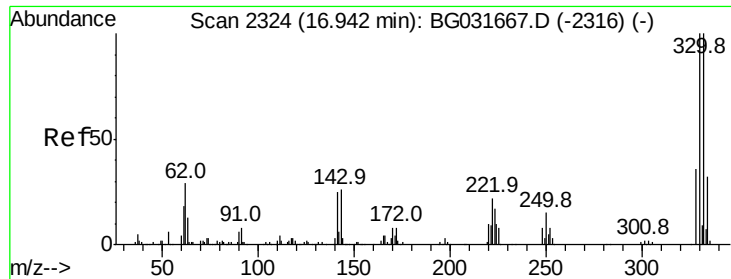


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

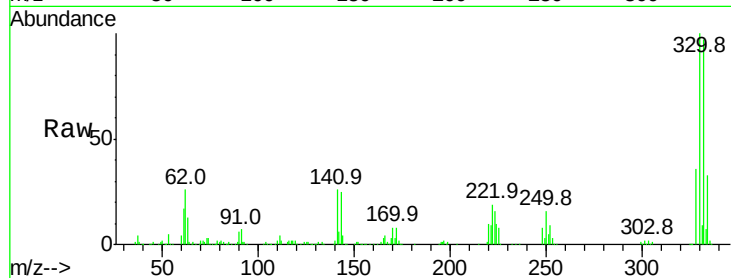




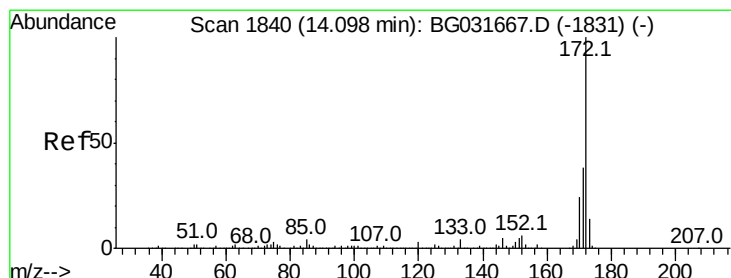
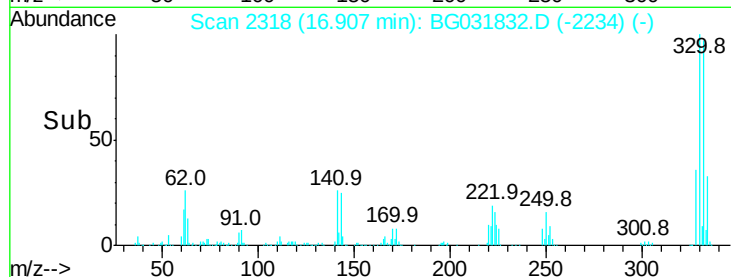
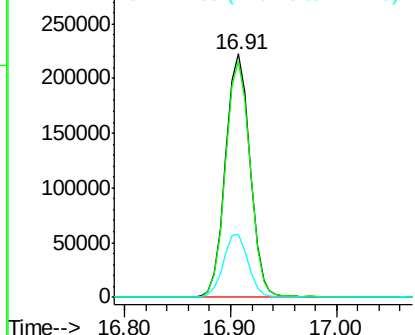
#41
 2,4,6-Tribromophenol
 Concen: 174.763 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031832.D
 Acq: 28 Dec 2017 19:27

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-122617-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	26.2	25.2	37.8

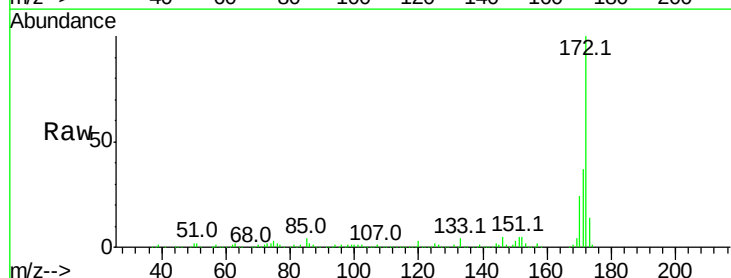


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

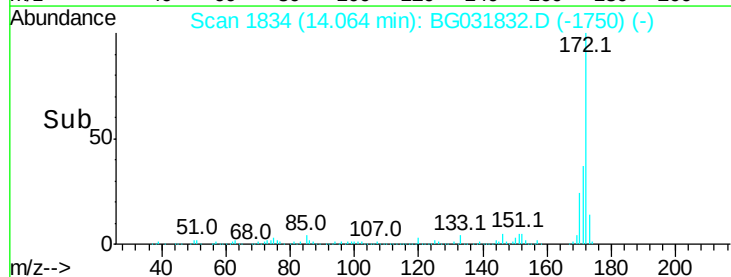
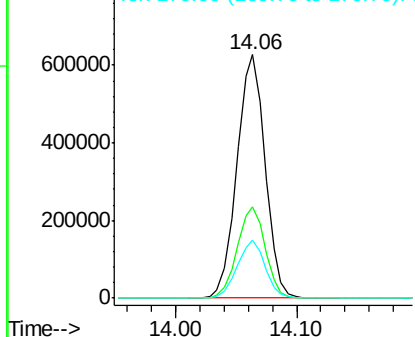


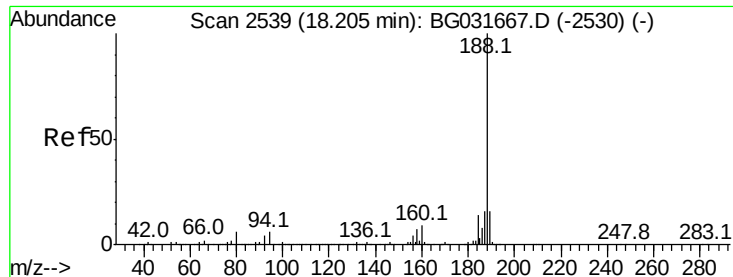
#44
 2-Fluorobiphenyl
 Concen: 95.209 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031832.D
 Acq: 28 Dec 2017 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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

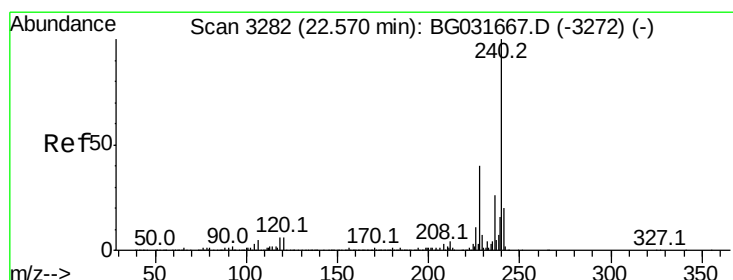
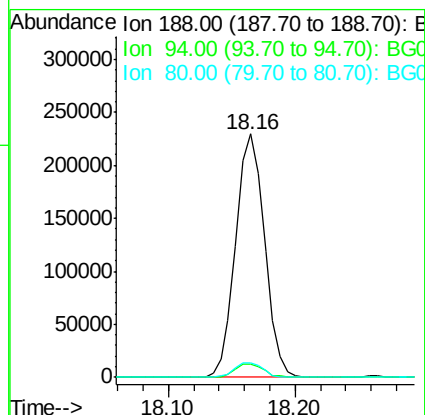
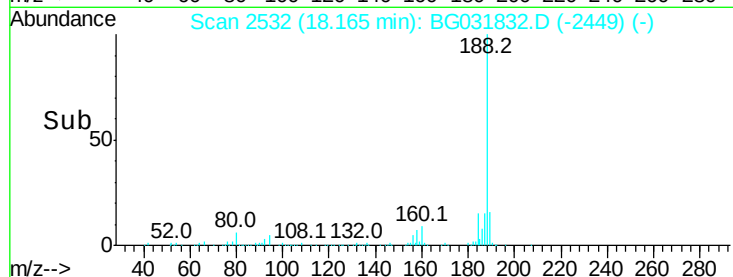
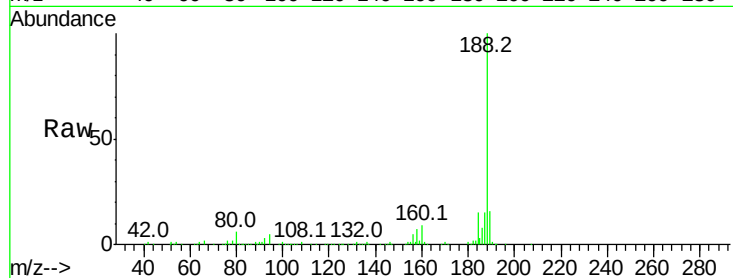




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

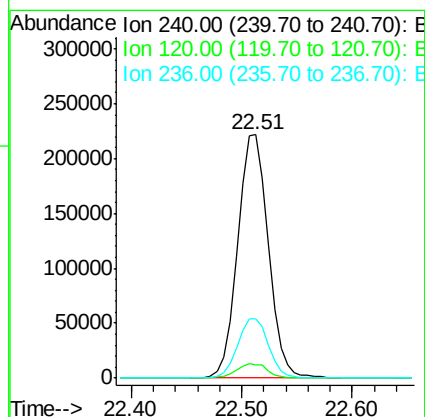
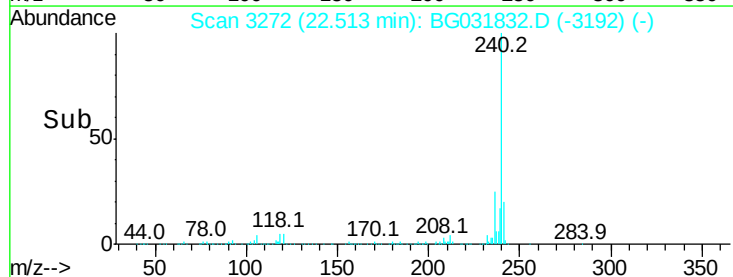
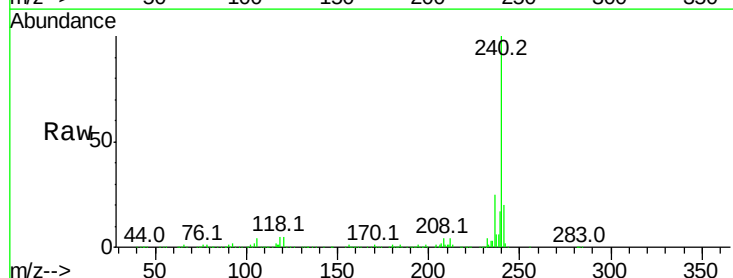
Instrument :
BNA_G
ClientSampleId :
AU-05-122617-D

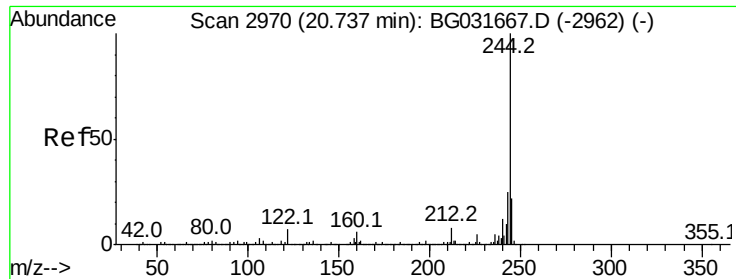
Tot Ion:188 Resp: 362408
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 6.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031832.D
Acq: 28 Dec 2017 19:27

Tgt Ion:240 Resp: 433715
Ion Ratio Lower Upper
240 100
120 5.3 6.8 10.2#
236 24.6 20.9 31.3





#78

Terphenyl-d14

Concen: 103.220 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031832.D

Acq: 28 Dec 2017 19:27

Instrument :

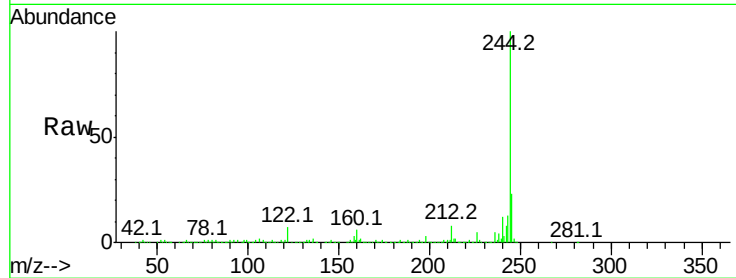
BNA_G

ClientSampleId :

AU-05-122617-D

Tot Ion:244 Resp: 1959519

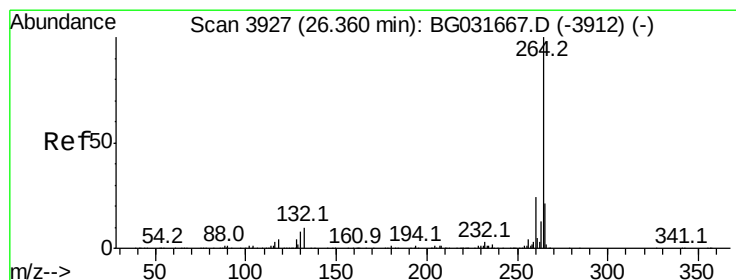
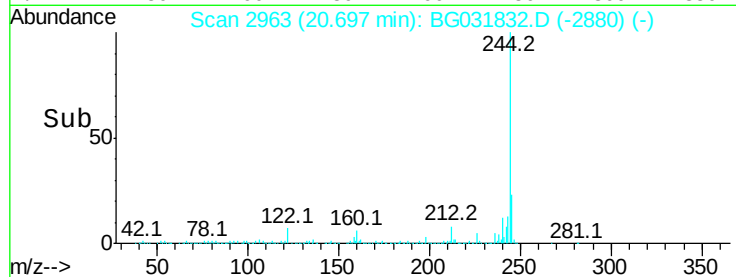
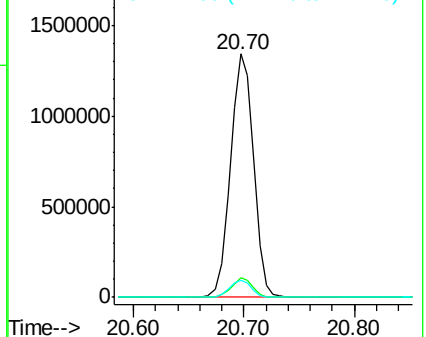
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	7.3	7.0	10.4



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: 26.27 min Scan# 3911

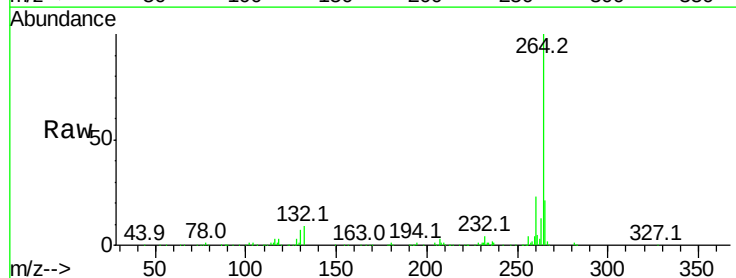
Delta R.T. -0.09 min

Lab File: BG031832.D

Acq: 28 Dec 2017 19:27

Tgt Ion:264 Resp: 449740

Ion	Ratio	Lower	Upper
264	100		
260	22.7	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

