

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031827.D
 Acq On : 28 Dec 2017 16:19
 Operator : SJ/JU
 Sample : I6685-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Dec 28 17:07:50 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 11:08:55 2017
 Response via : Initial Calibration

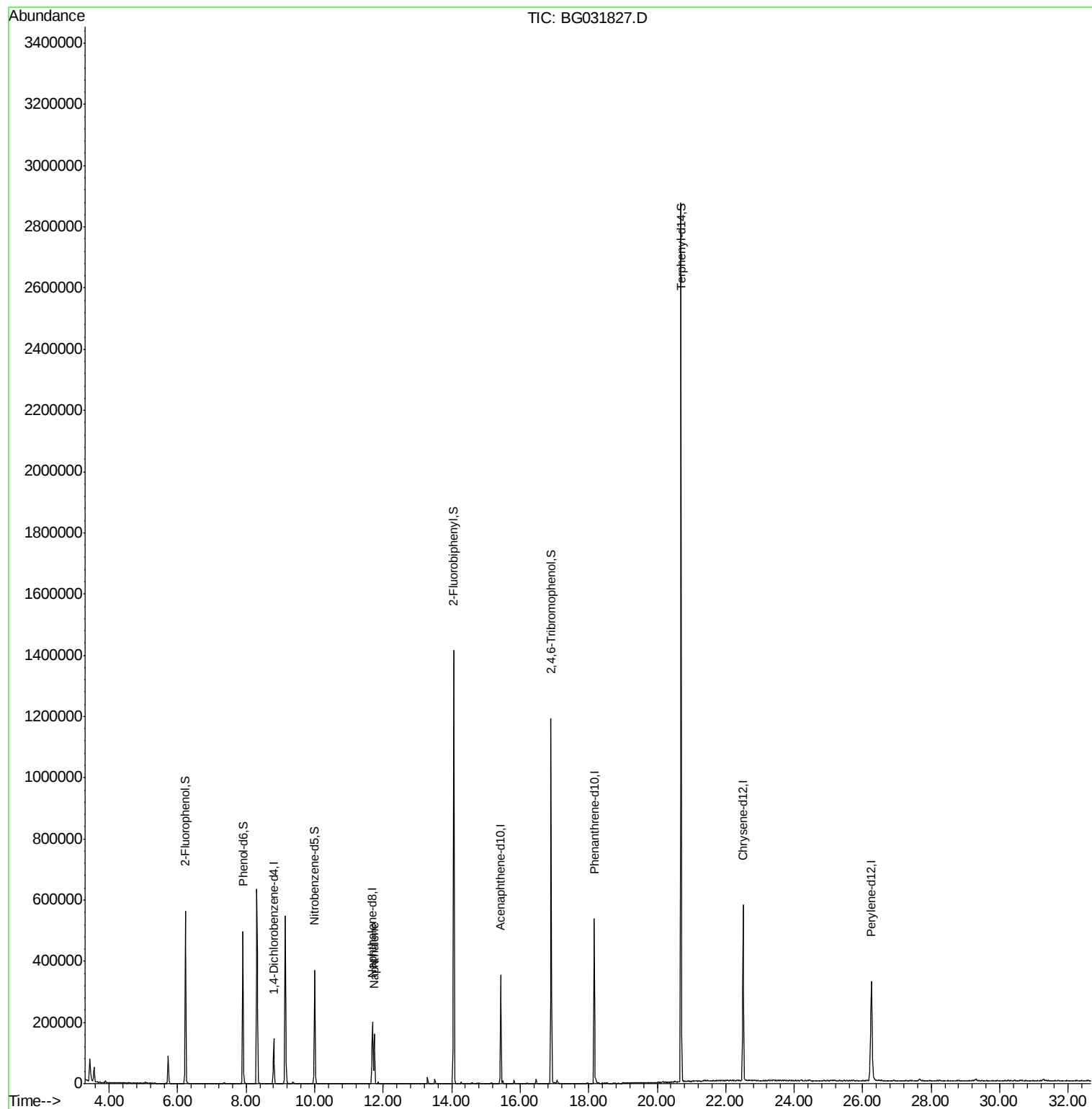
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	53067	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	205028	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	139425	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	373903	20.00	ng	-0.04
75) Chrysene-d12	22.50	240	449866	20.00	ng	-0.07
86) Perylene-d12	26.25	264	467554	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	309668	106.29	ng	-0.02
7) Phenol-d6	7.90	99	350154	92.57	ng	-0.03
23) Nitrobenzene-d5	10.00	82	238237	87.74	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	287969	135.36	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	861874	77.59	ng	-0.04
78) Terphenyl-d14	20.69	244	1613145	81.92	ng	-0.04
Target Compounds						
31) Naphthalene	11.74	128	163958	15.846	ng	Qvalue 97

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

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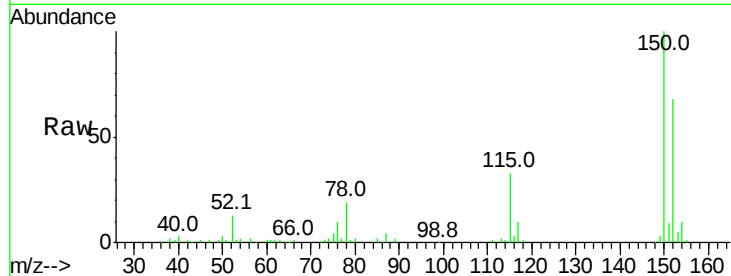


#1

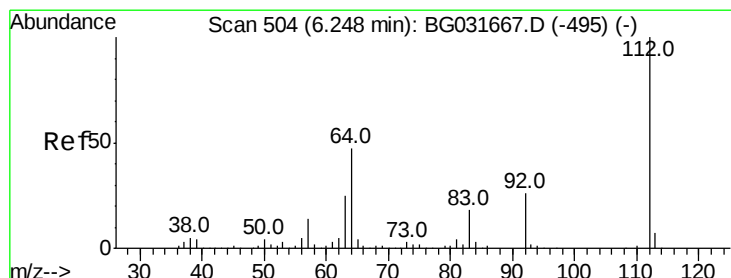
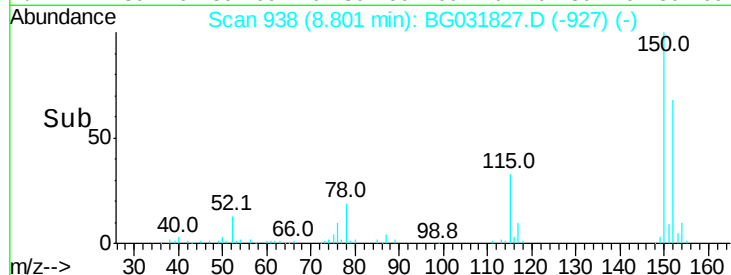
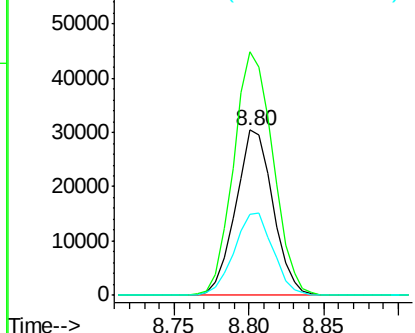
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.80 min Scan# 938
 Delta R.T. -0.04 min
 Lab File: BG031827.D
 Acq: 28 Dec 2017 16:19

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

Tot Ion:152 Resp: 53067
 Ion Ratio Lower Upper
 152 100
 150 147.1 126.6 189.8
 115 48.8 53.0 79.4#



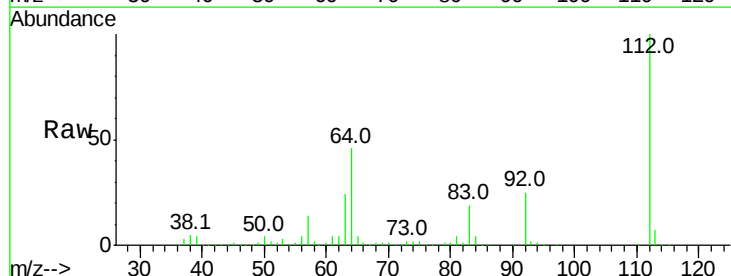
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



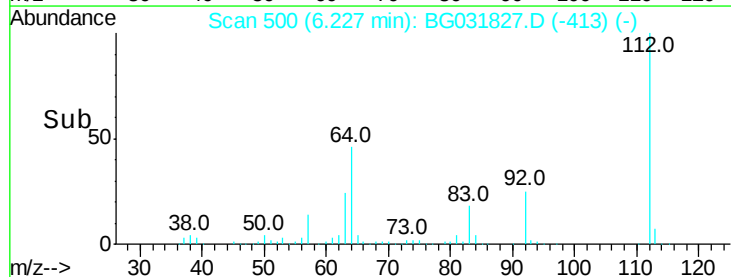
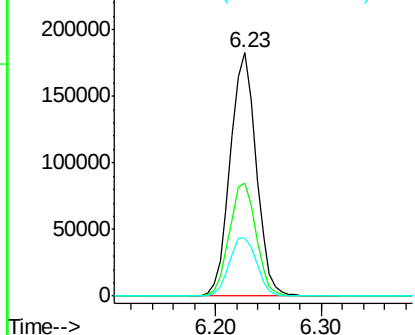
#5

2-Fluorophenol
 Concen: 106.285 ng
 RT: 6.23 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BG031827.D
 Acq: 28 Dec 2017 16:19

Tgt Ion:112 Resp: 309668
 Ion Ratio Lower Upper
 112 100
 64 46.2 56.3 84.5#
 63 23.7 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: 92.566 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031827.D

Acq: 28 Dec 2017 16:19

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-A

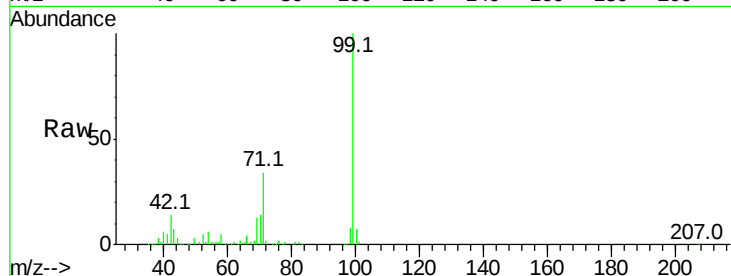
Tot Ion: 99 Resp: 350154

Ion Ratio Lower Upper

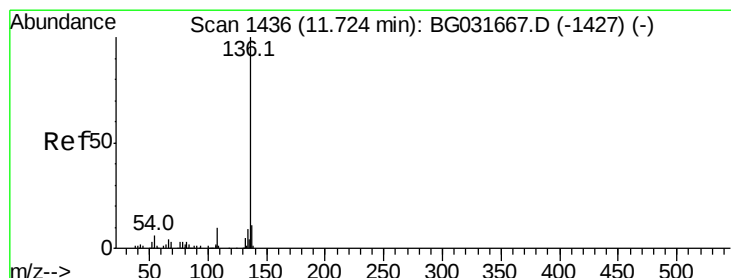
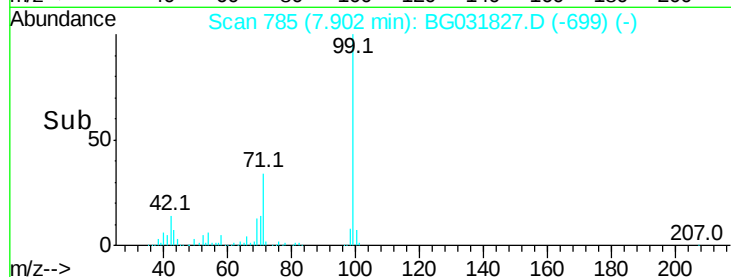
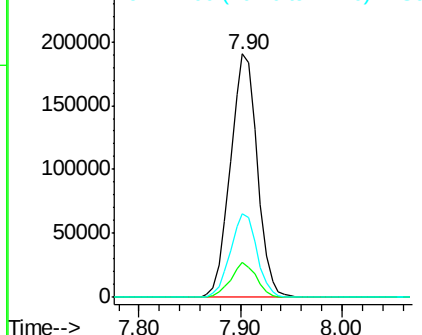
99 100

42 14.5 14.1 21.1

71 34.4 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: 11.69 min Scan# 1429

Delta R.T. -0.04 min

Lab File: BG031827.D

Acq: 28 Dec 2017 16:19

Tgt Ion: 136 Resp: 205028

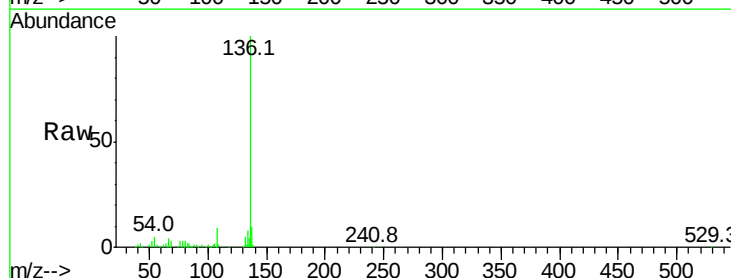
Ion Ratio Lower Upper

136 100

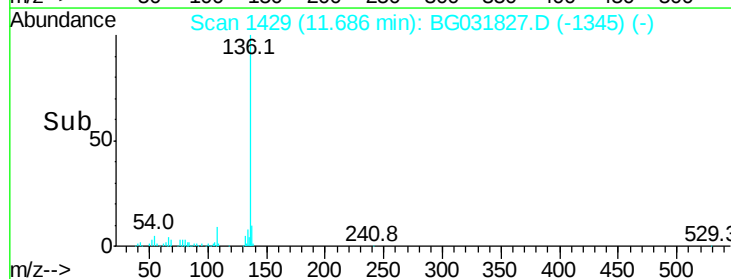
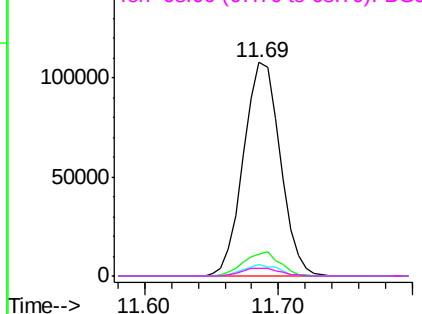
137 10.3 9.2 13.8

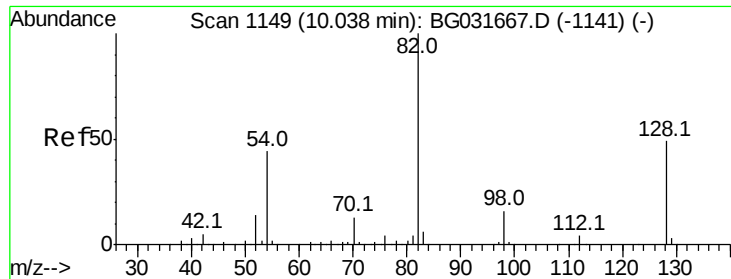
54 5.4 10.3 15.5#

68 3.5 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: 87.743 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.04 min

Lab File: BG031827.D

Acq: 28 Dec 2017 16:19

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-A

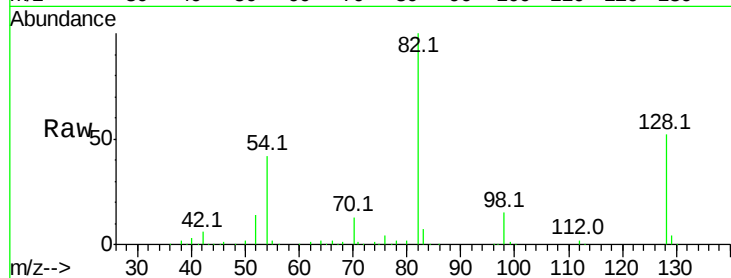
Tot Ion: 82 Resp: 238237

Ion Ratio Lower Upper

82 100

128 51.7 29.7 44.5#

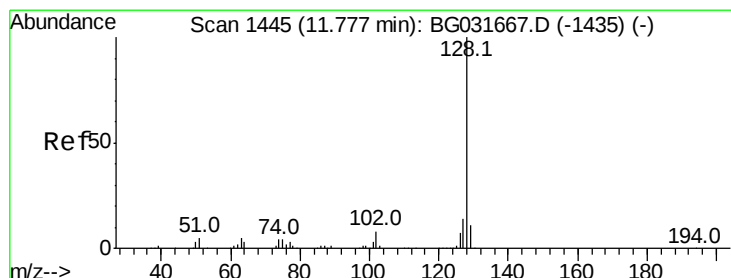
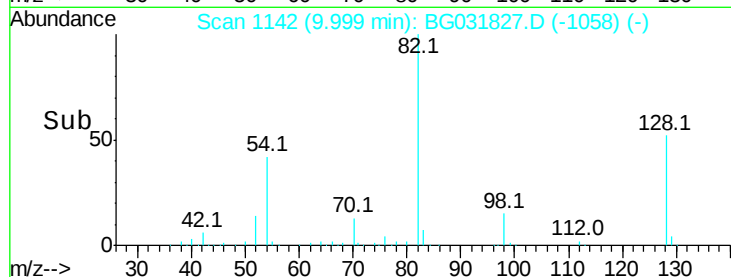
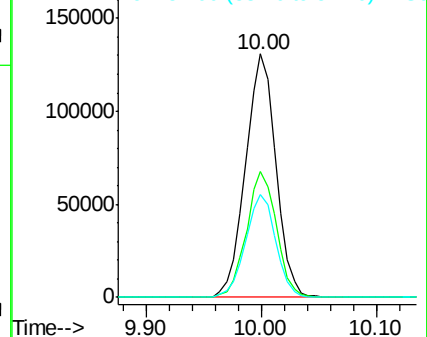
54 42.1 43.1 64.7#



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



#31

Naphthalene

Concen: 15.846 ng

RT: 11.74 min Scan# 1438

Delta R.T. -0.04 min

Lab File: BG031827.D

Acq: 28 Dec 2017 16:19

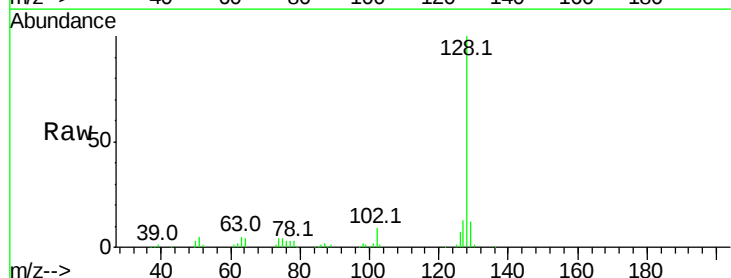
Tgt Ion:128 Resp: 163958

Ion Ratio Lower Upper

128 100

129 11.9 8.6 12.8

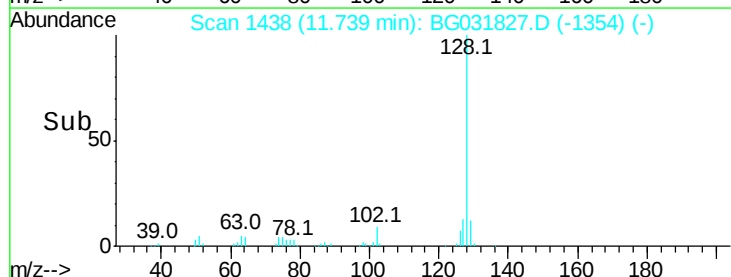
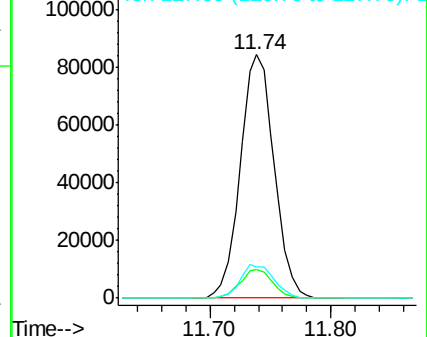
127 13.0 11.6 17.4

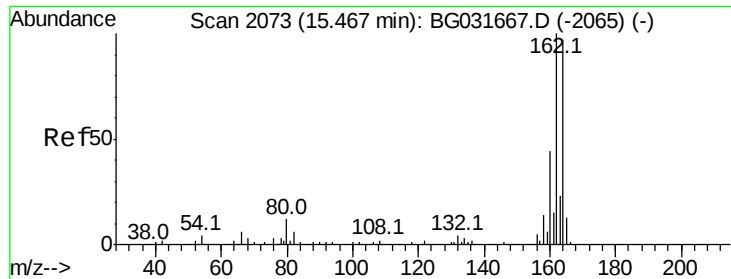


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.43 min Scan# 2066

Delta R.T. -0.04 min

Lab File: BG031827.D

Acq: 28 Dec 2017 16:19

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-A

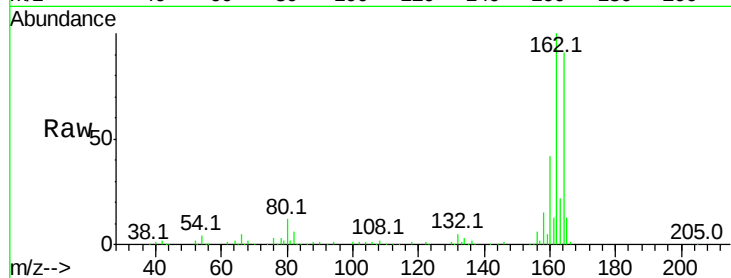
Tot Ion:164 Resp: 139425

Ion Ratio Lower Upper

164 100

162 110.4 78.8 118.2

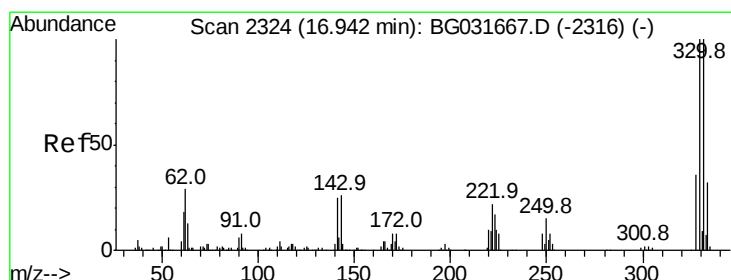
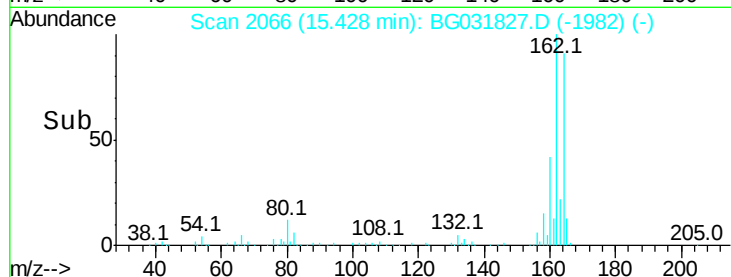
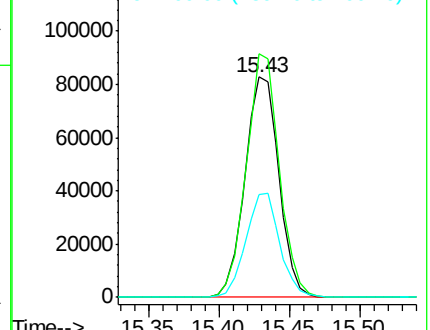
160 46.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 135.360 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.04 min

Lab File: BG031827.D

Acq: 28 Dec 2017 16:19

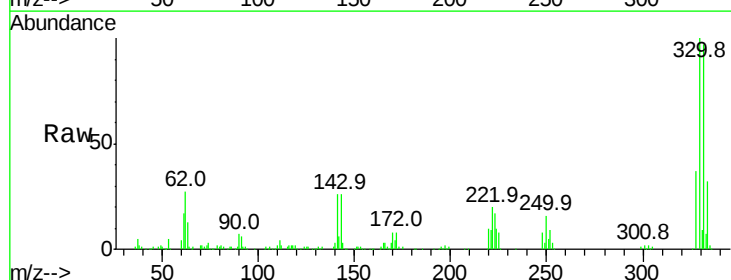
Tgt Ion:330 Resp: 287969

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

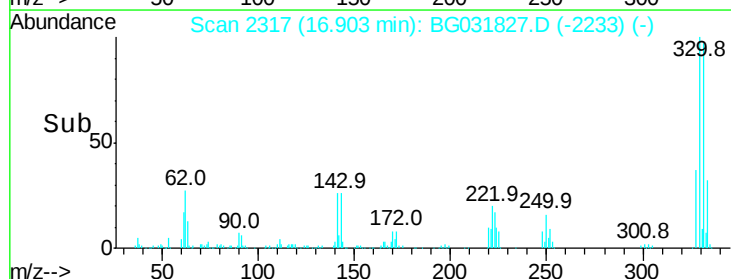
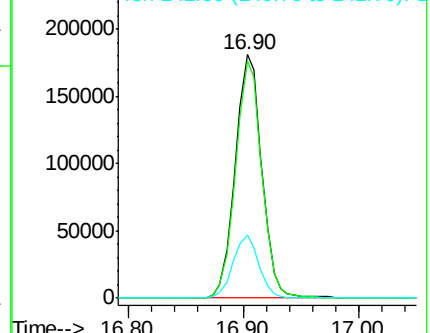
141 25.2 25.2 37.8#



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

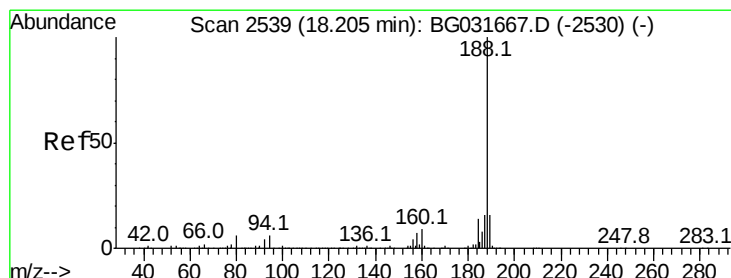
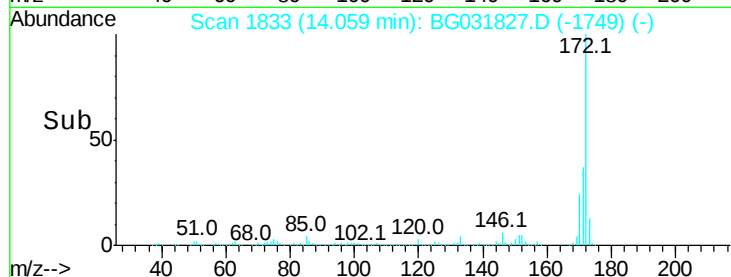
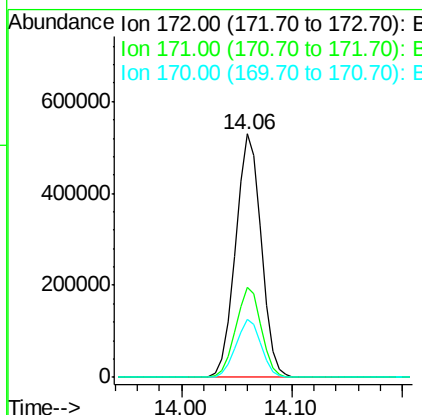
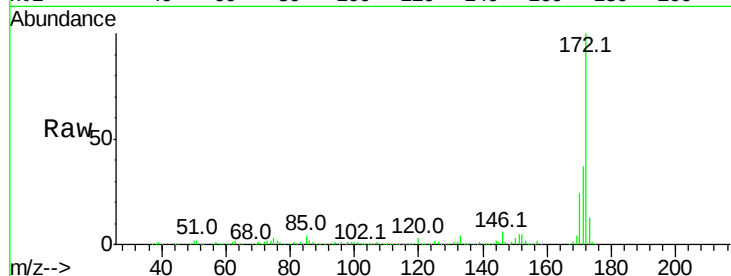




#44
 2-Fluorobiphenyl
 Concen: 77.588 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. -0.04 min
 Lab File: BG031827.D
 Acq: 28 Dec 2017 16:19

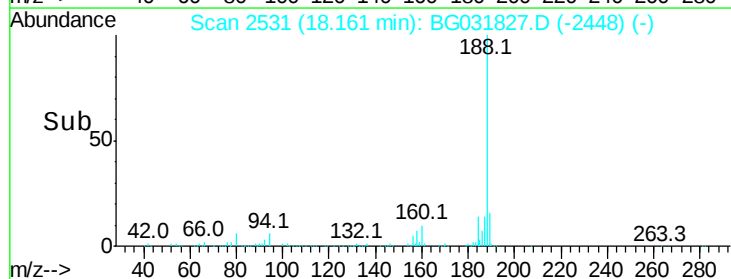
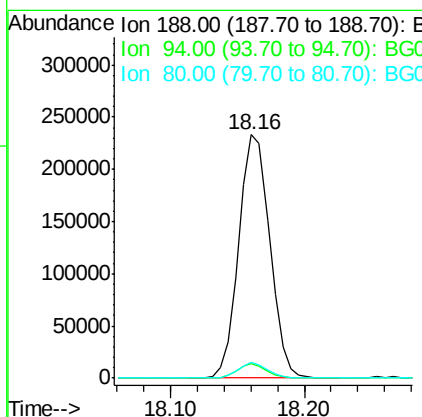
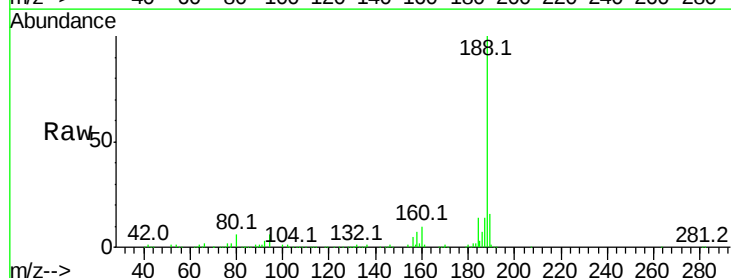
Instrument :
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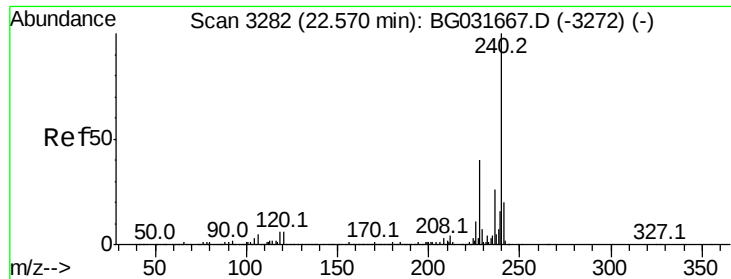
Tot Ion:172 Resp: 861874
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 23.8 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.16 min Scan# 2531
 Delta R.T. -0.04 min
 Lab File: BG031827.D
 Acq: 28 Dec 2017 16:19

Tgt Ion:188 Resp: 373903
 Ion Ratio Lower Upper
 188 100
 94 6.0 6.9 10.3#
 80 6.3 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.50 min Scan# 3270

Delta R.T. -0.07 min

Lab File: BG031827.D

Acq: 28 Dec 2017 16:19

Instrument :

BNA_G

ClientSampleId :

AU-05-122617-A

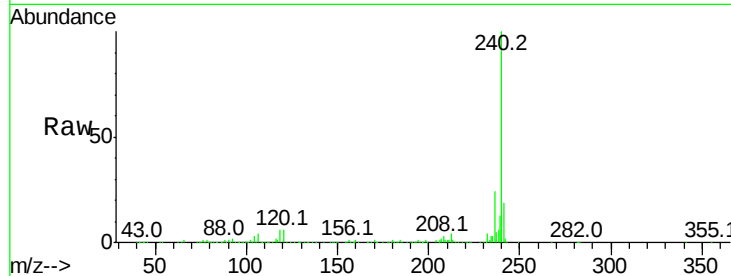
Tot Ion:240 Resp: 449866

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

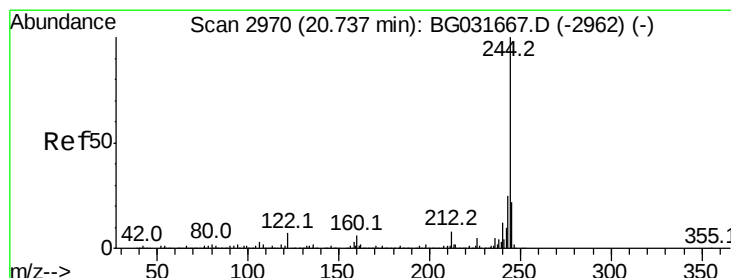
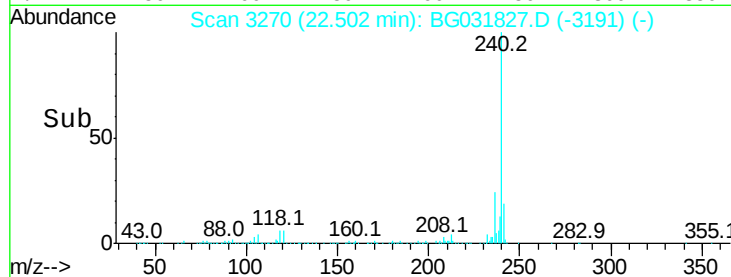
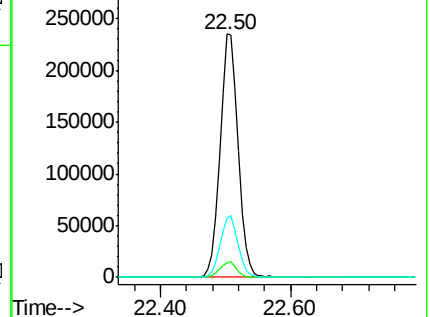
236 24.4 20.9 31.3



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



#78

Terphenyl-d14

Concen: 81.924 ng

RT: 20.69 min Scan# 2962

Delta R.T. -0.04 min

Lab File: BG031827.D

Acq: 28 Dec 2017 16:19

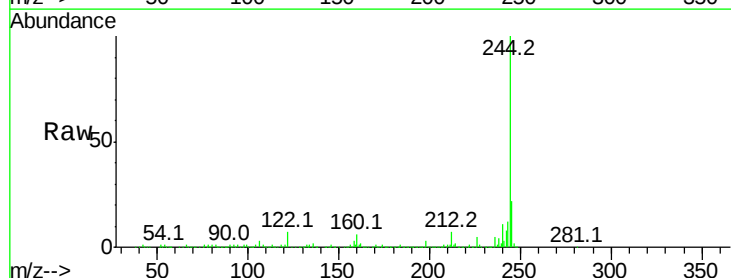
Tgt Ion:244 Resp: 1613145

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

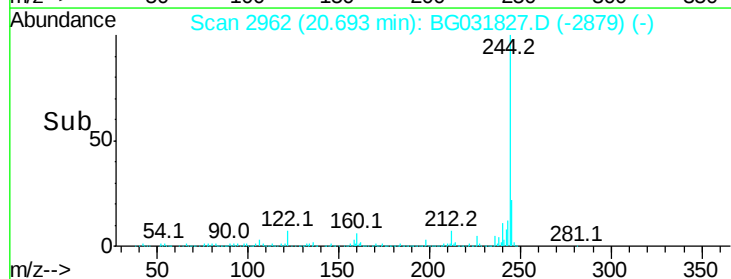
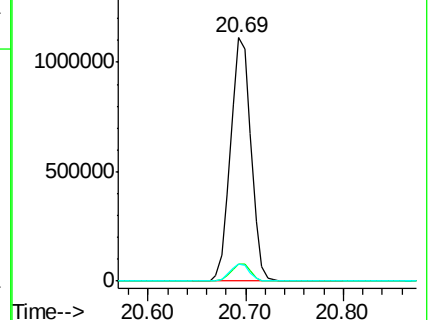
122 6.8 7.0 10.4#

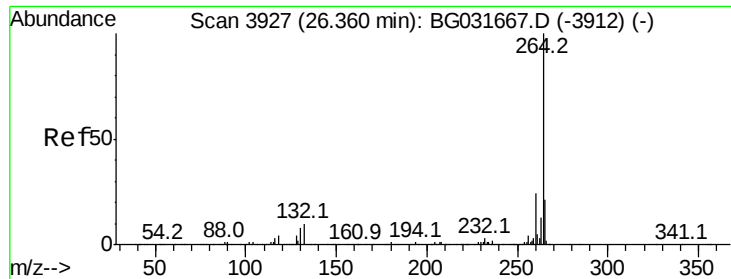


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

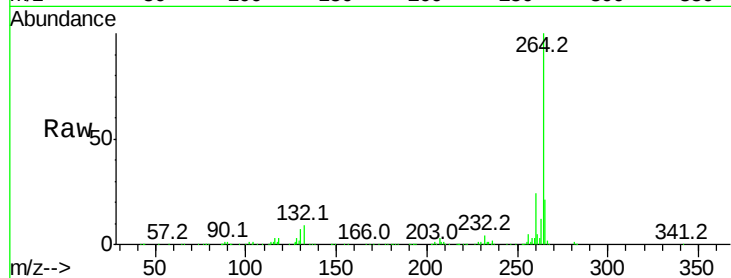




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.25 min Scan# 3908
 Delta R.T. -0.11 min
 Lab File: BG031827.D
 Acq: 28 Dec 2017 16:19

Instrument :
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 ClientSampleId :
 AU-05-122617-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.9	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

