

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032246.D
 Acq On : 24 Jan 2018 4:56
 Operator : SJ/JU
 Sample : J1186-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-5

Quant Time: Jan 24 08:14:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

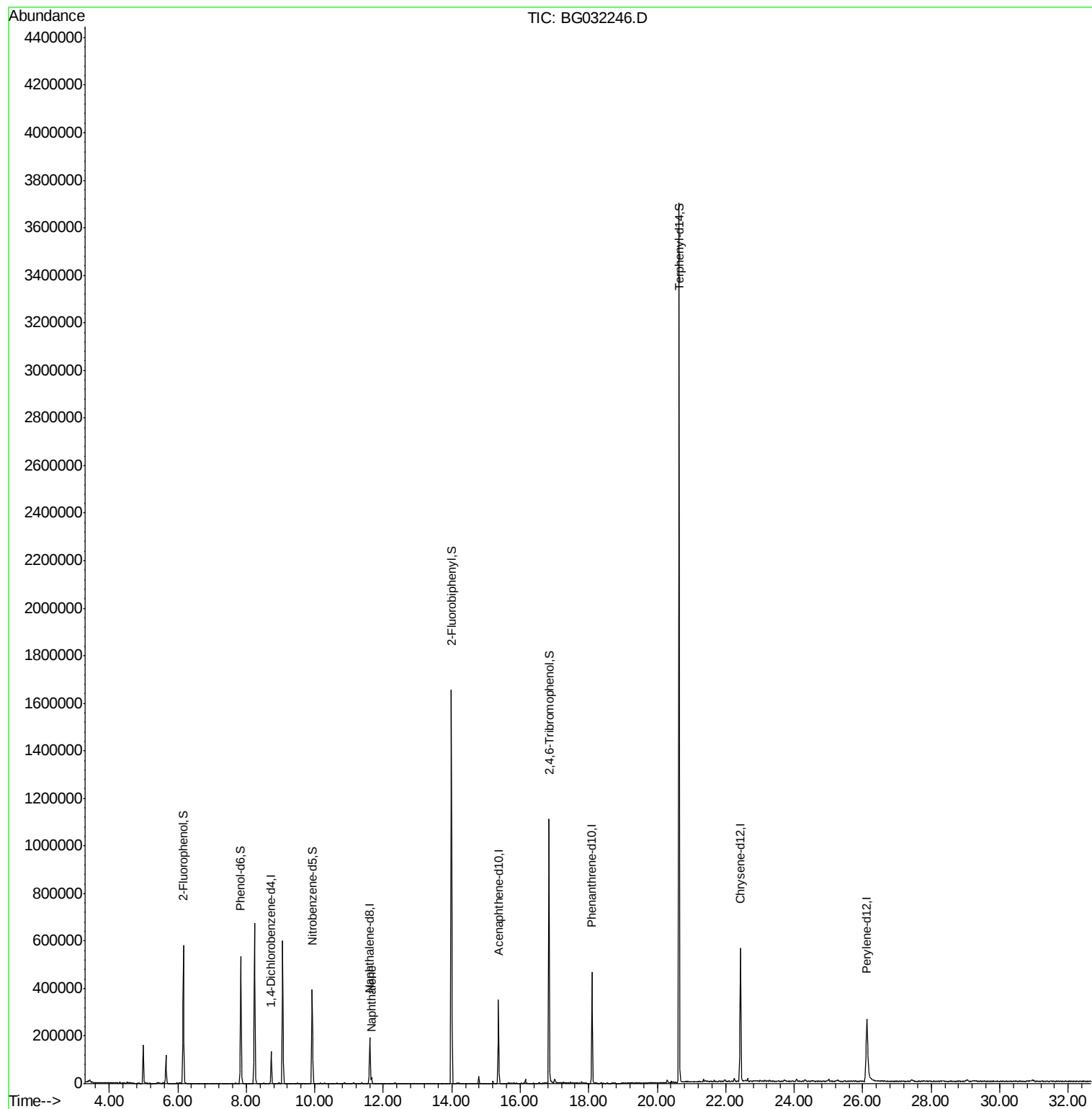
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	43950	20.00	ng	-0.02
21) Naphthalene-d8	11.61	136	184364	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	131979	20.00	ng	-0.02
63) Phenanthrene-d10	18.09	188	324543	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	427382	20.00	ng	-0.02
86) Perylene-d12	26.13	264	451666	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	291285	121.22	ng	0.00
7) Phenol-d6	7.84	99	325640	107.60	ng	0.00
23) Nitrobenzene-d5	9.93	82	248822	91.31	ng	-0.01
41) 2,4,6-Tribromophenol	16.84	330	252892	115.80	ng	-0.02
44) 2-Fluorobiphenyl	13.99	172	1001863	94.13	ng	-0.01
78) Terphenyl-d14	20.64	244	1970529	101.81	ng	-0.01
Target Compounds						
31) Naphthalene	11.66	128	26297	2.879	ng	Qvalue 96

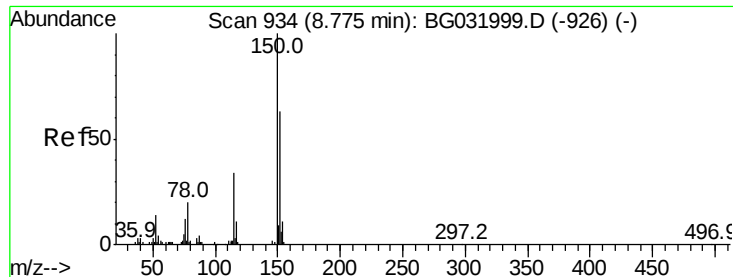
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG032246.D

Acq: 24 Jan 2018 4:56

Instrument :

BNA_G

ClientSampleId :

OWS-5

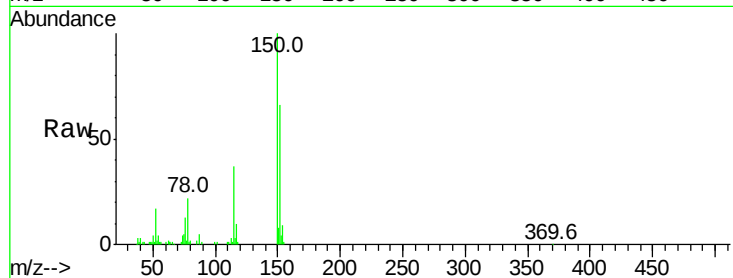
Tot Ion:152 Resp: 43950

Ion Ratio Lower Upper

152 100

150 151.8 126.6 189.8

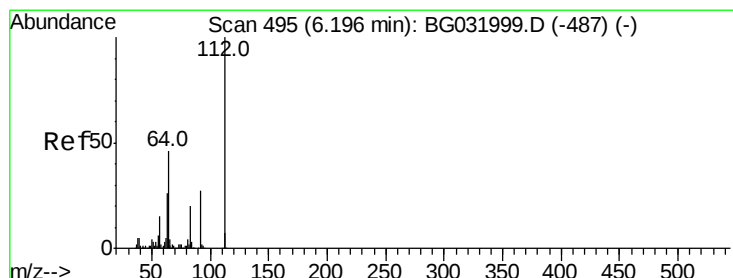
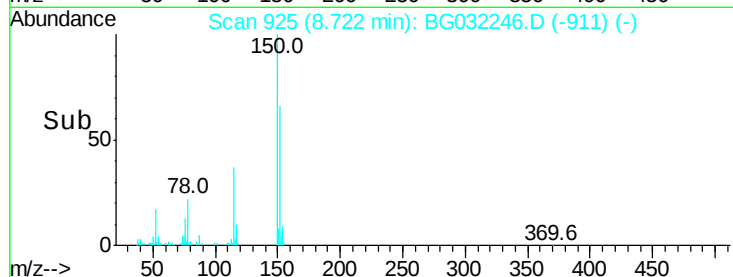
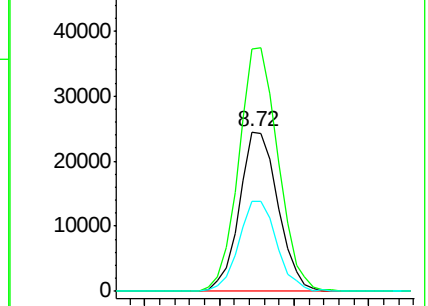
115 56.6 53.0 79.4



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: 121.215 ng

RT: 6.16 min Scan# 489

Delta R.T. -0.01 min

Lab File: BG032246.D

Acq: 24 Jan 2018 4:56

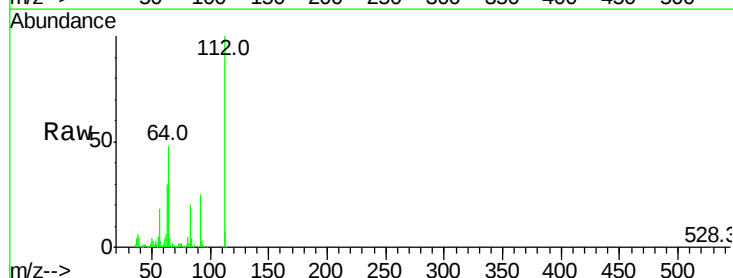
Tgt Ion:112 Resp: 291285

Ion Ratio Lower Upper

112 100

64 47.8 56.3 84.5#

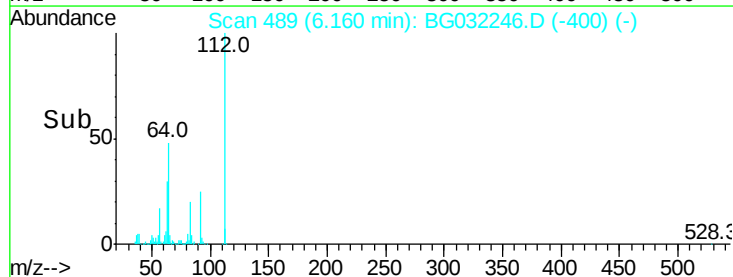
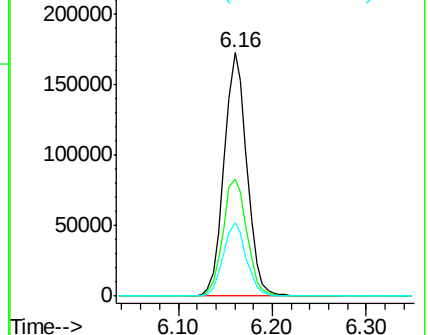
63 30.2 30.1 45.1

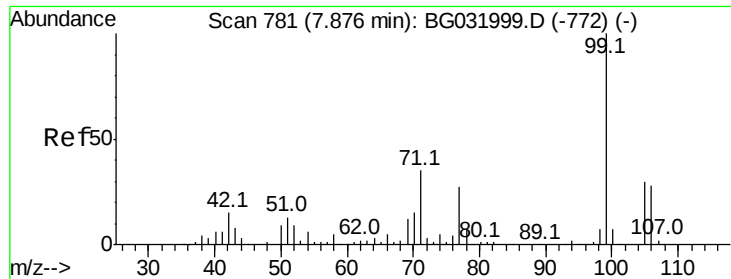


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.597 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG032246.D

Acq: 24 Jan 2018 4:56

Instrument :

BNA_G

ClientSampleId :

OWS-5

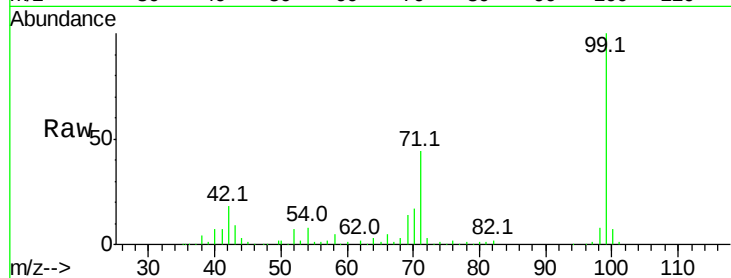
Tot Ion: 99 Resp: 325640

Ion Ratio Lower Upper

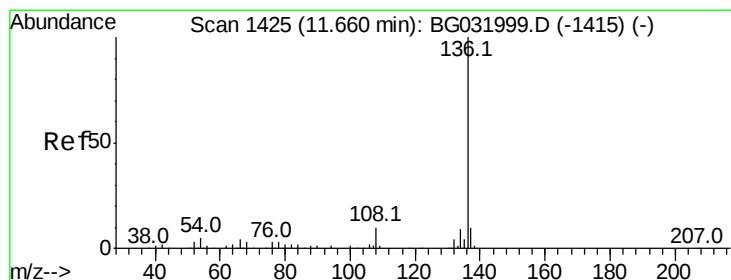
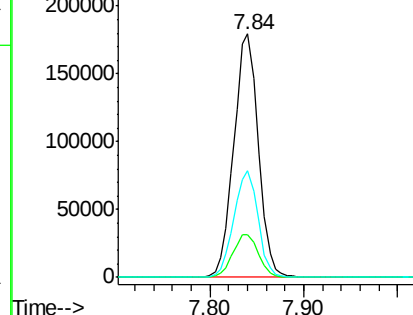
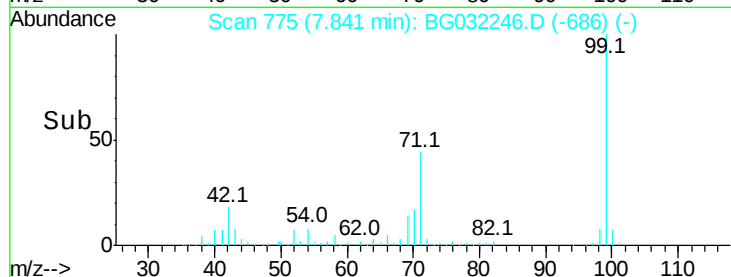
99 100

42 17.7 14.1 21.1

71 43.6 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: 11.61 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BG032246.D

Acq: 24 Jan 2018 4:56

Tgt Ion: 136 Resp: 184364

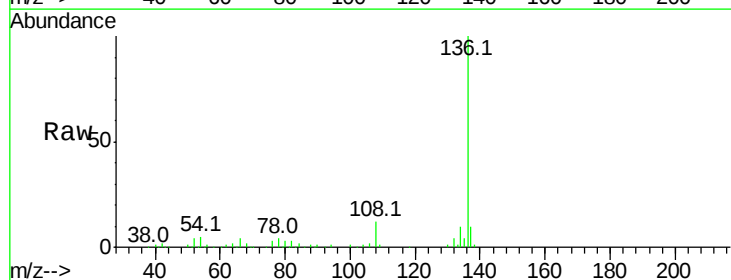
Ion Ratio Lower Upper

136 100

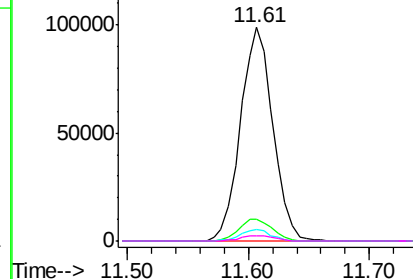
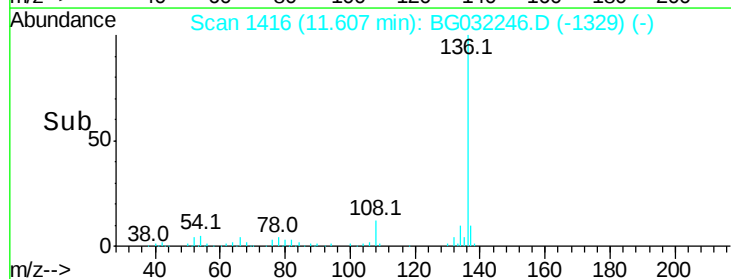
137 10.5 9.2 13.8

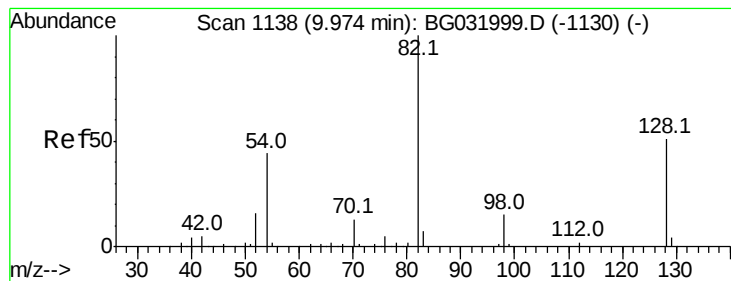
54 5.4 10.3 15.5#

68 2.3 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: 91.308 ng

RT: 9.93 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG032246.D

Acq: 24 Jan 2018 4:56

Instrument :

BNA_G

ClientSampleId :

OWS-5

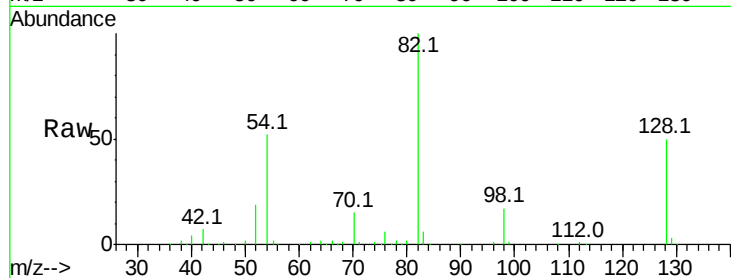
Tot Ion: 82 Resp: 248822

Ion Ratio Lower Upper

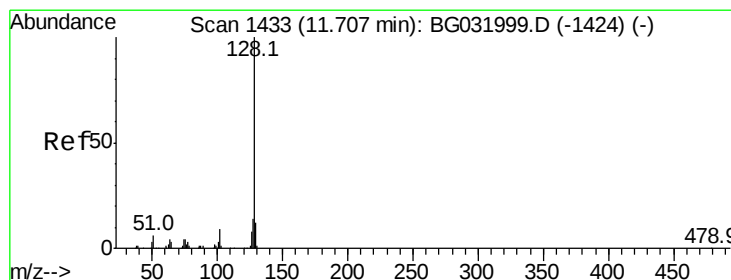
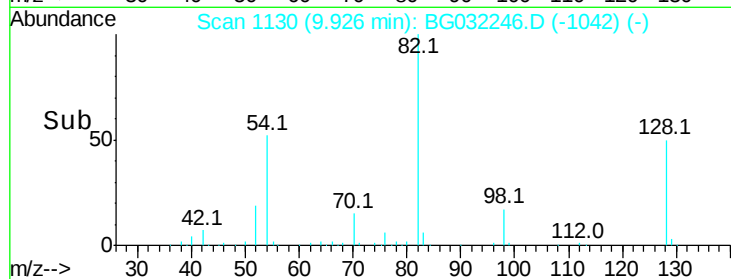
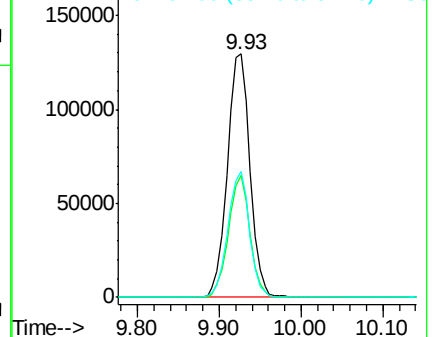
82 100

128 50.0 29.7 44.5#

54 51.9 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: 2.879 ng

RT: 11.66 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BG032246.D

Acq: 24 Jan 2018 4:56

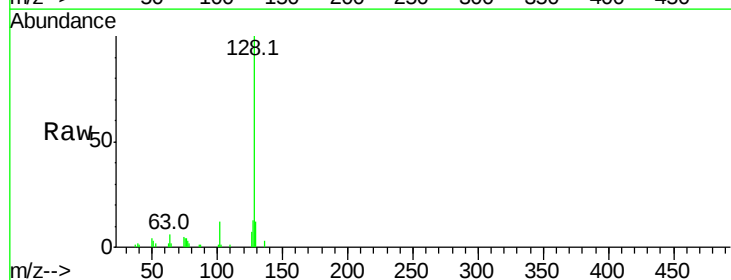
Tgt Ion: 128 Resp: 26297

Ion Ratio Lower Upper

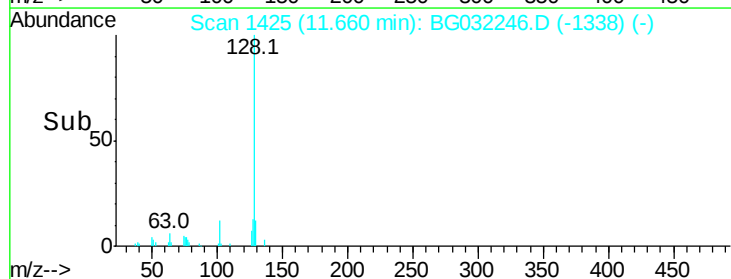
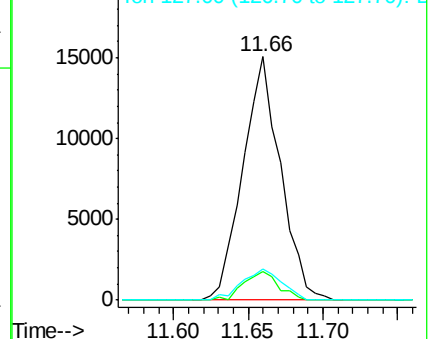
128 100

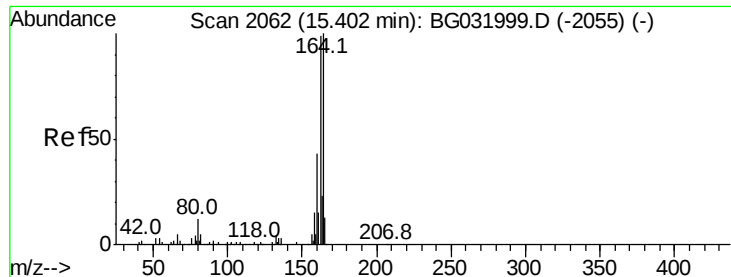
129 11.8 8.6 12.8

127 12.7 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: 15.36 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG032246.D

Acq: 24 Jan 2018 4:56

Instrument :

BNA_G

ClientSampleId :

OWS-5

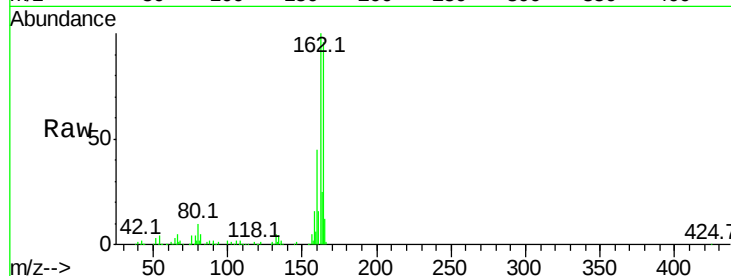
Tot Ion:164 Resp: 131979

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

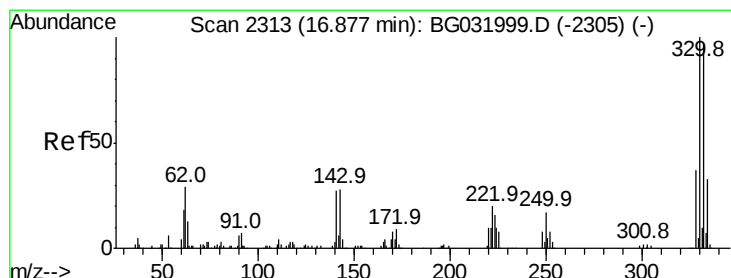
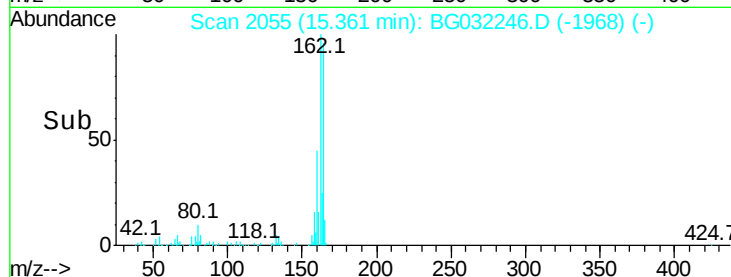
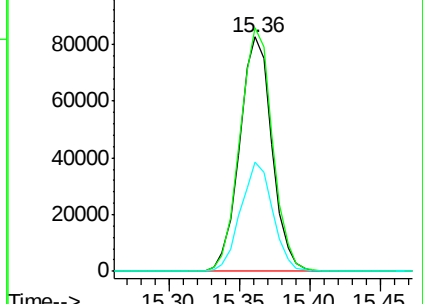
160 46.6 35.4 53.0



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: 115.796 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.02 min

Lab File: BG032246.D

Acq: 24 Jan 2018 4:56

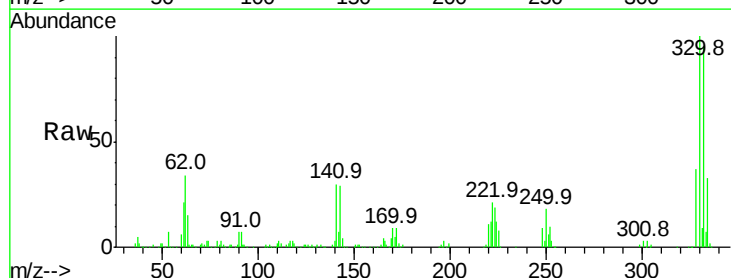
Tgt Ion:330 Resp: 252892

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

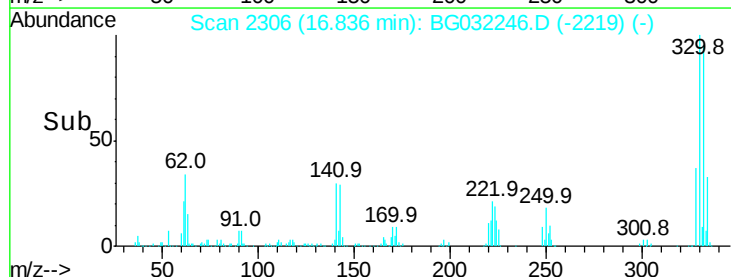
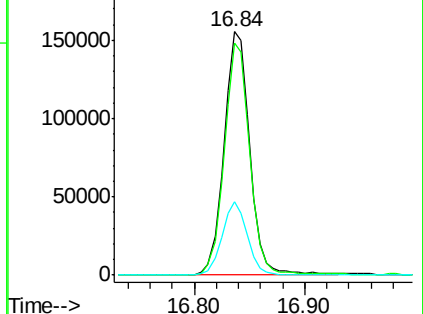
141 29.4 25.2 37.8

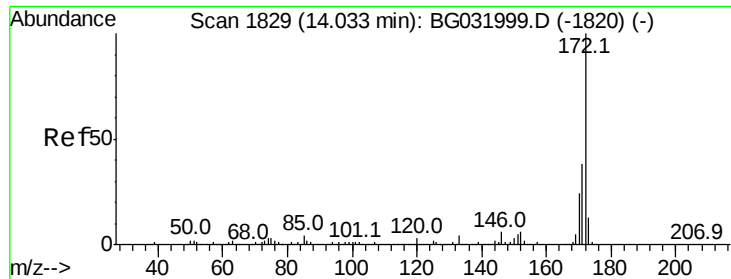


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

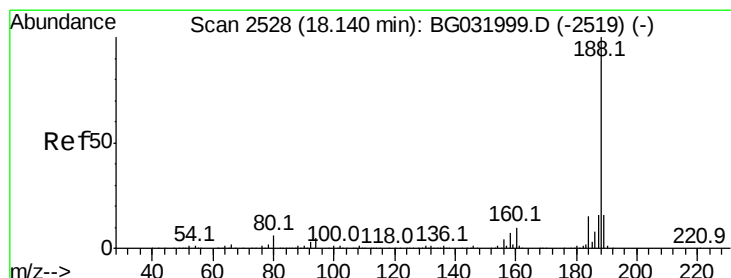
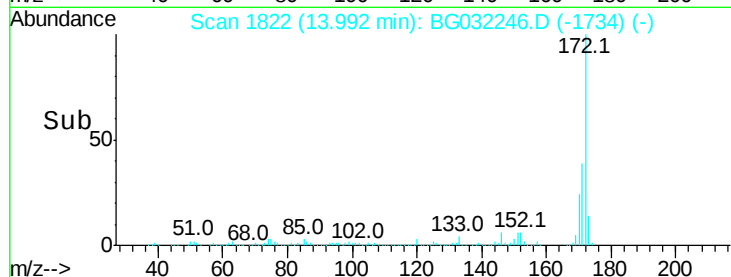
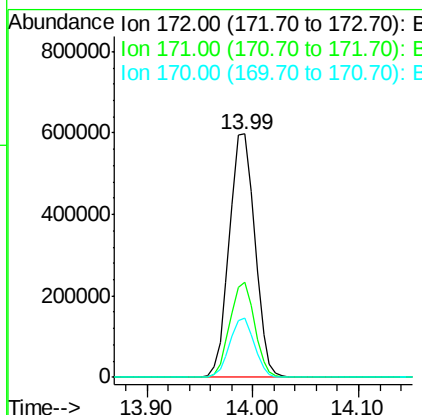
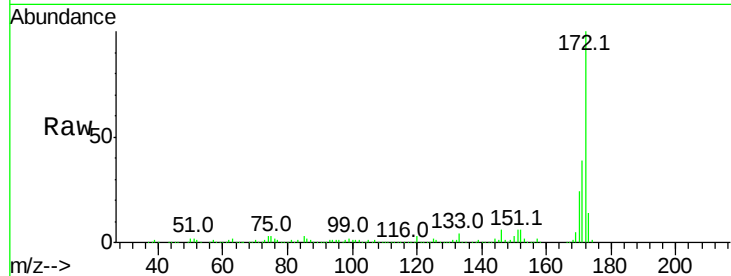




#44
2-Fluorobiphenyl
Concen: 94.126 ng
RT: 13.99 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BG032246.D
Acq: 24 Jan 2018 4:56

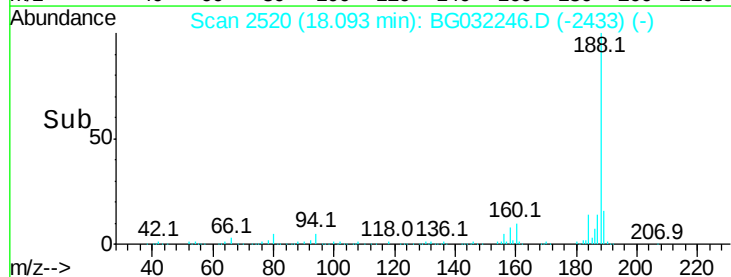
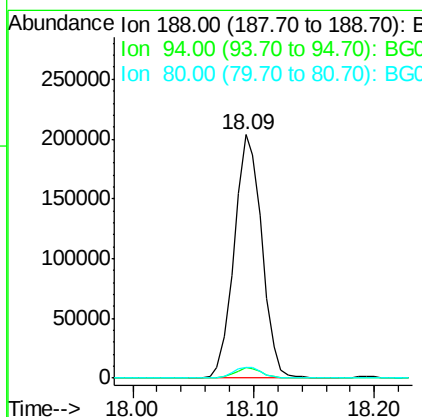
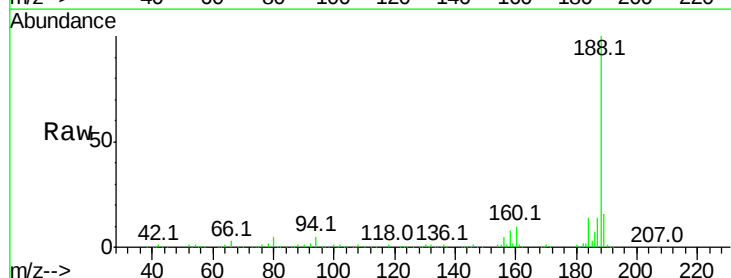
Instrument :
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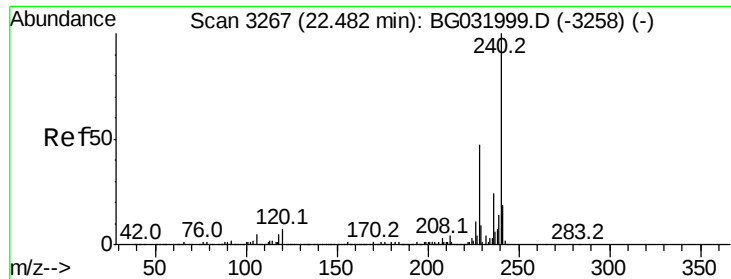
Tot Ion:172 Resp: 1001863
Ion Ratio Lower Upper
172 100
171 39.0 30.0 45.0
170 24.3 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BG032246.D
Acq: 24 Jan 2018 4:56

Tgt Ion:188 Resp: 324543
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 4.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.43 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BG032246.D

Acq: 24 Jan 2018 4:56

Instrument :

BNA_G

ClientSampleId :

OWS-5

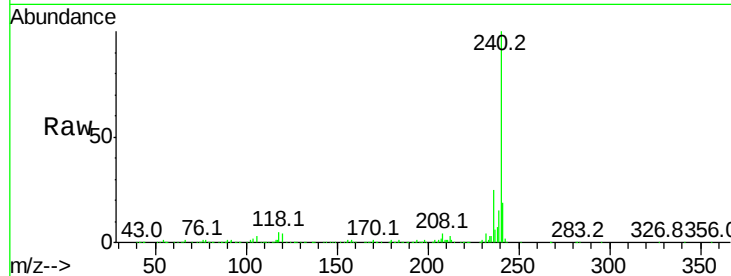
Tot Ion:240 Resp: 427382

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

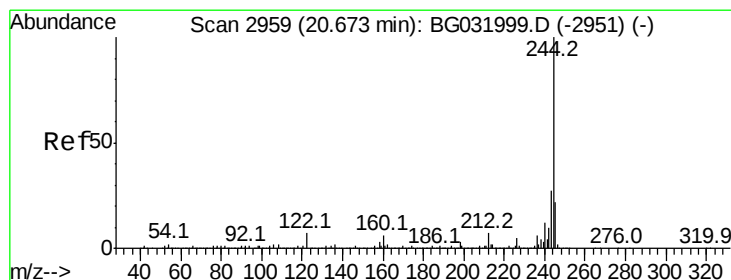
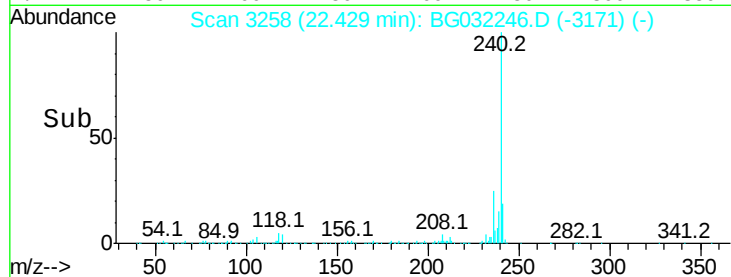
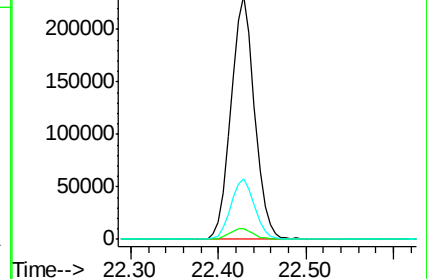
236 25.1 20.9 31.3



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: 101.806 ng

RT: 20.64 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BG032246.D

Acq: 24 Jan 2018 4:56

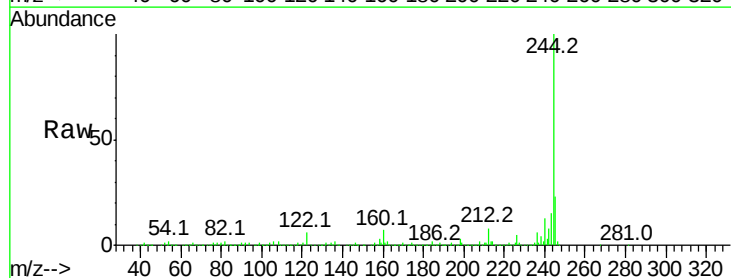
Tgt Ion:244 Resp: 1970529

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

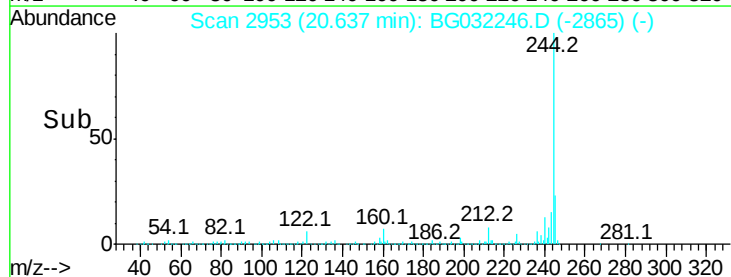
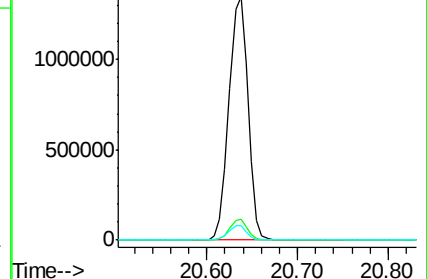
122 5.9 7.0 10.4#

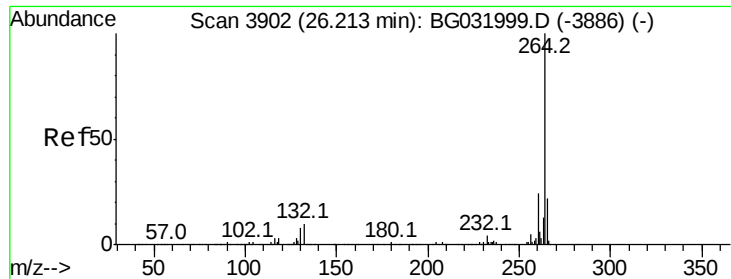


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.13 min Scan# 3887
 Delta R.T. -0.03 min
 Lab File: BG032246.D
 Acq: 24 Jan 2018 4:56

Instrument :
 BNA_G
 ClientSampleId :
 OWS-5

Tot Ion:264 Resp: 451666
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.4 26.0
 265 21.5 17.7 26.5

