

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012918\
 Data File : BG032437.D
 Acq On : 30 Jan 2018 7:48
 Operator : SJ/JU
 Sample : J1340-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Quant Time: Jan 30 11:06:45 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

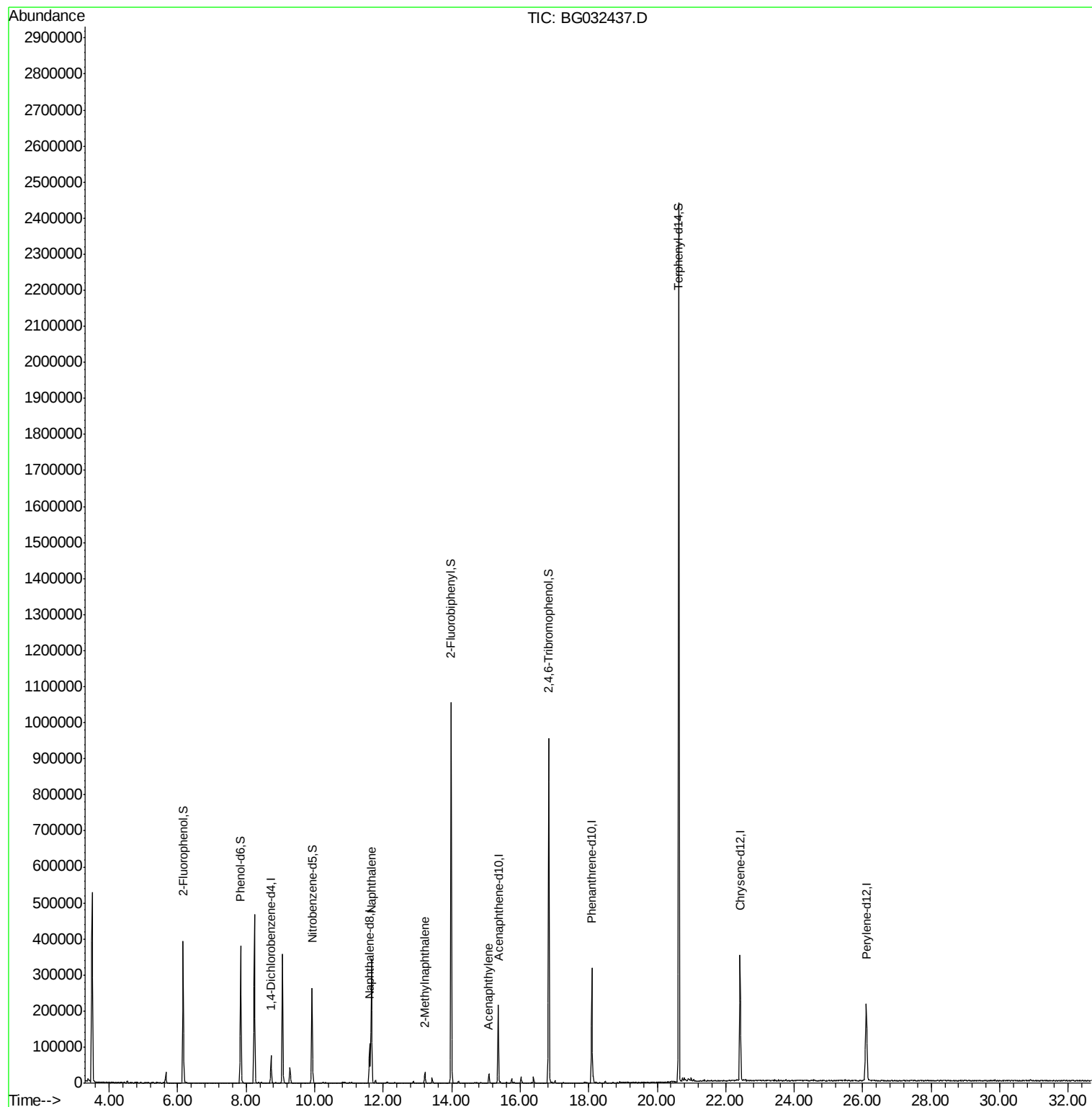
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	24724	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	104017	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	80934	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	224117	20.00	ng	0.00
75) Chrysene-d12	22.42	240	265012	20.00	ng	0.00
86) Perylene-d12	26.10	264	289962	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	186633	151.62	ng	0.00
7) Phenol-d6	7.84	99	228677	139.22	ng	0.00
23) Nitrobenzene-d5	9.92	82	163774	98.34	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	222854	144.66	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	625002	91.79	ng	0.00
78) Terphenyl-d14	20.63	244	1318385	106.56	ng	0.00
Target Compounds						
31) Naphthalene	11.66	128	319609	62.912	ng	Qvalue 99
37) 2-Methylnaphthalene	13.22	142	15930	3.732	ng	96
48) Acenaphthylene	15.08	152	19852	2.450	ng	# 94

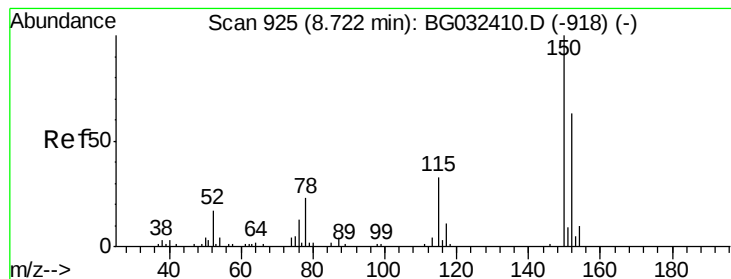
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032437.D
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QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG032437.D

Acq: 30 Jan 2018 7:48

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

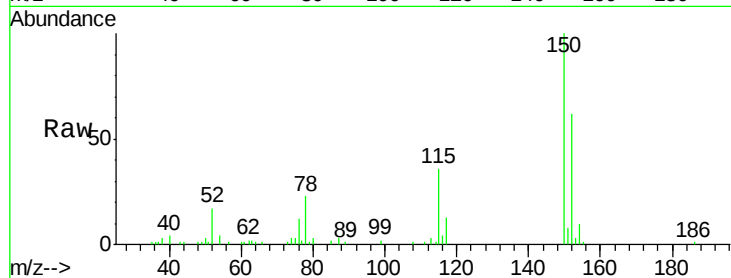
Tgt Ion:152 Resp: 24724

Ion Ratio Lower Upper

152 100

150 161.9 126.6 189.8

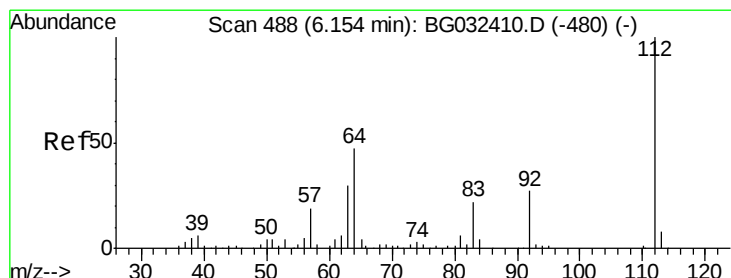
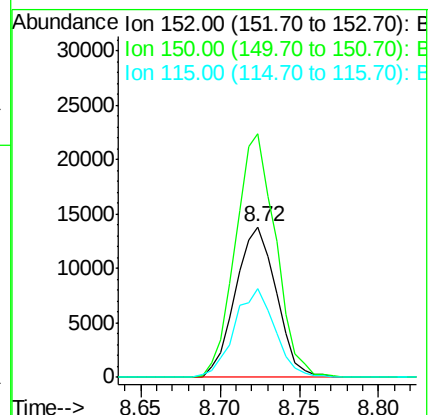
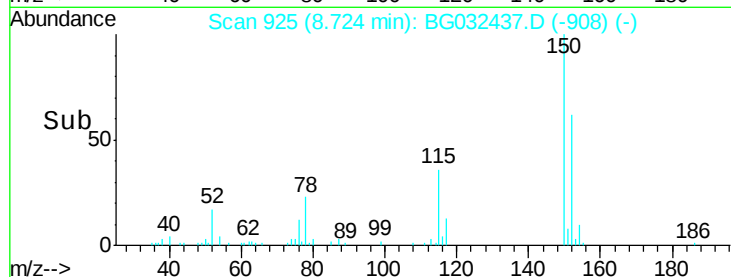
115 59.0 53.0 79.4



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: 151.619 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032437.D

Acq: 30 Jan 2018 7:48

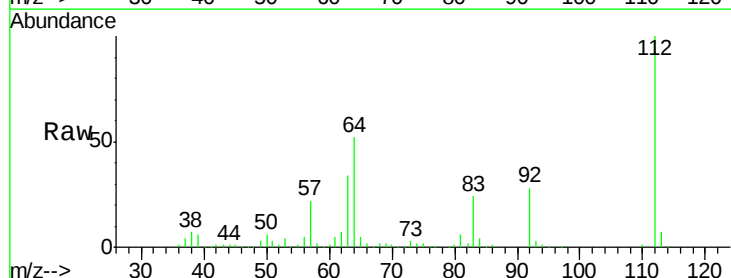
Tgt Ion:112 Resp: 186633

Ion Ratio Lower Upper

112 100

64 51.5 56.3 84.5#

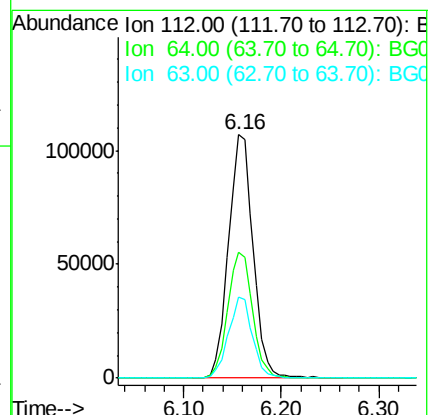
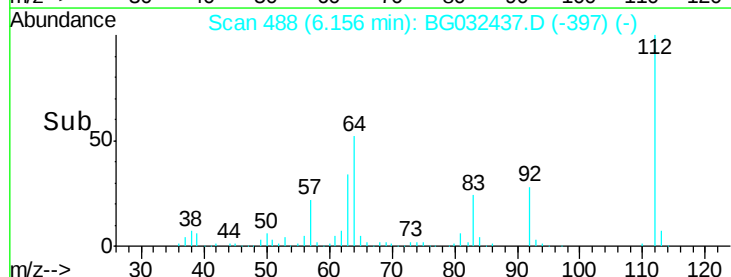
63 33.6 30.1 45.1



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: 139.218 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032437.D

Acq: 30 Jan 2018 7:48

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

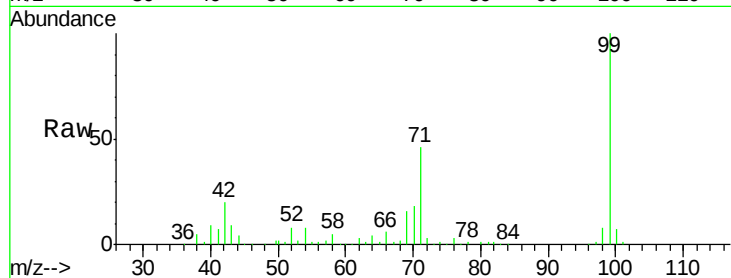
Tgt Ion: 99 Resp: 228677

Ion Ratio Lower Upper

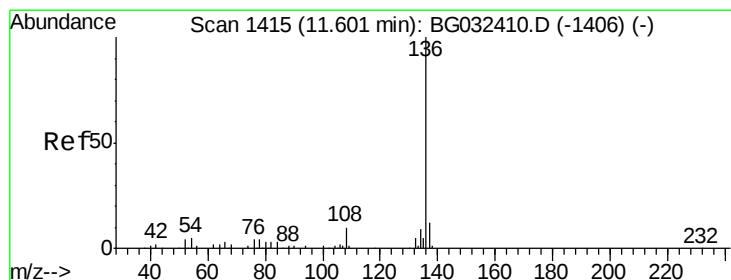
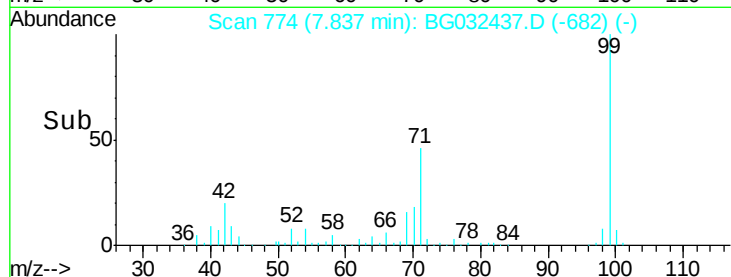
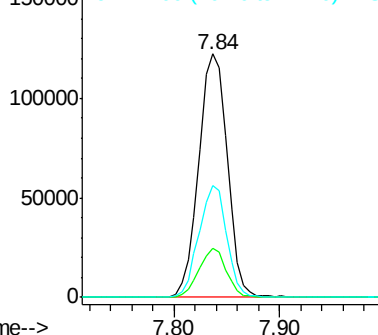
99 100

42 20.1 14.1 21.1

71 45.7 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: 11.60 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BG032437.D

Acq: 30 Jan 2018 7:48

Tgt Ion: 136 Resp: 104017

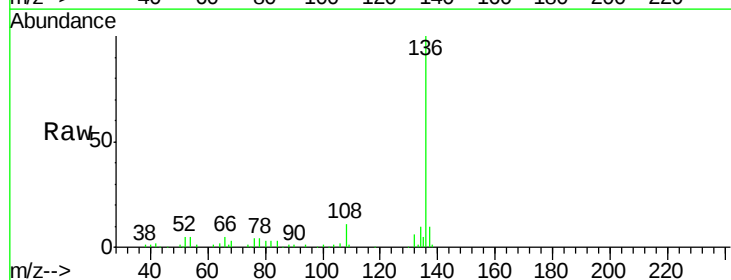
Ion Ratio Lower Upper

136 100

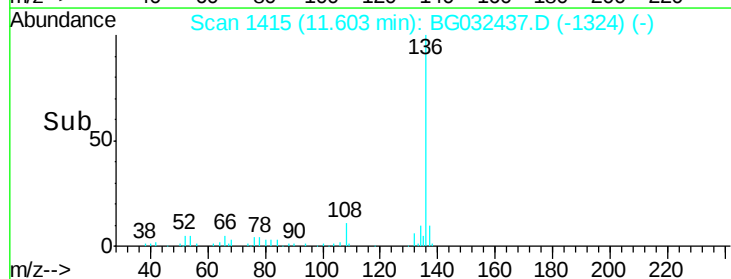
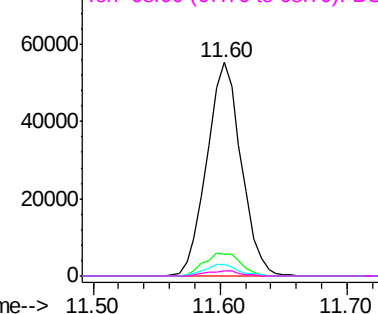
137 10.1 9.2 13.8

54 5.5 10.3 15.5#

68 2.7 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

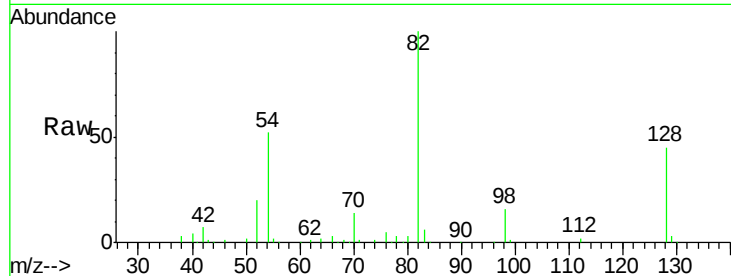




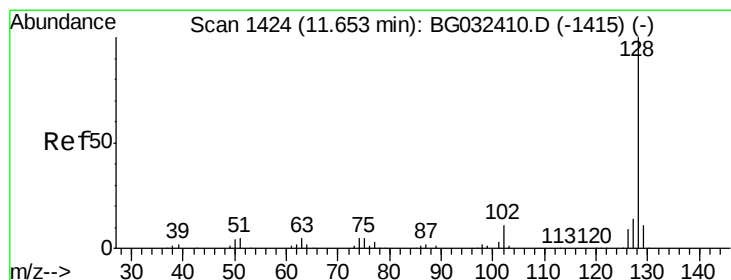
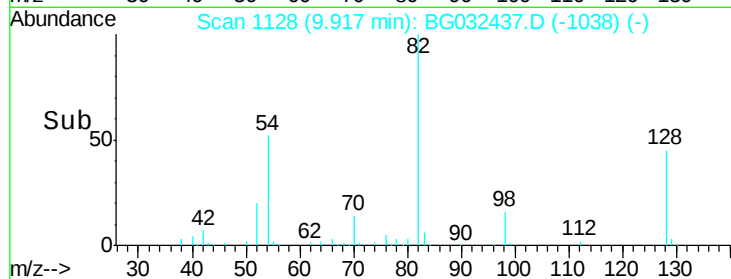
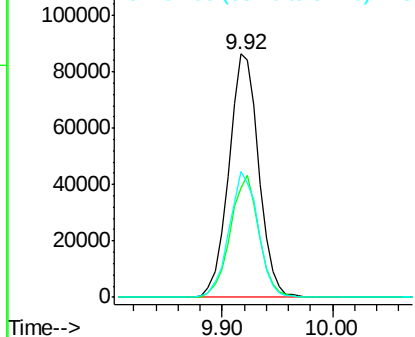
#23
 Nitrobenzene-d5
 Concen: 98.343 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BG032437.D
 Acq: 30 Jan 2018 7:48

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Tgt Ion: 82 Resp: 163774
 Ion Ratio Lower Upper
 82 100
 128 45.1 29.7 44.5#
 54 51.7 43.1 64.7

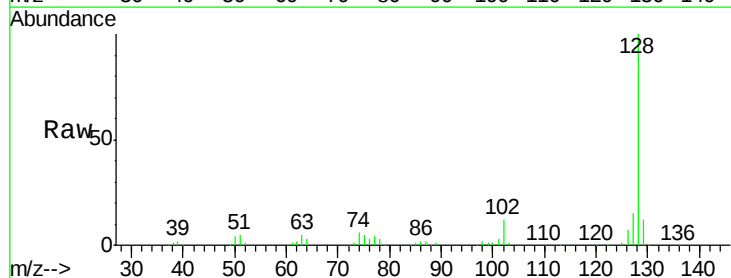


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

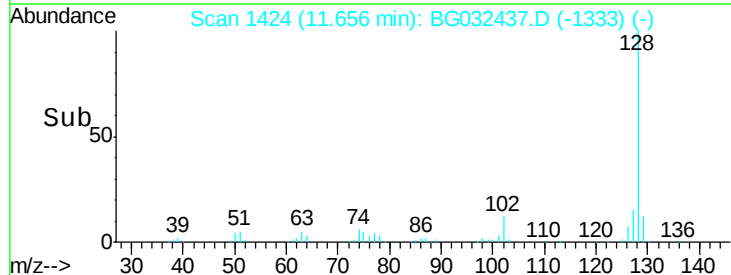
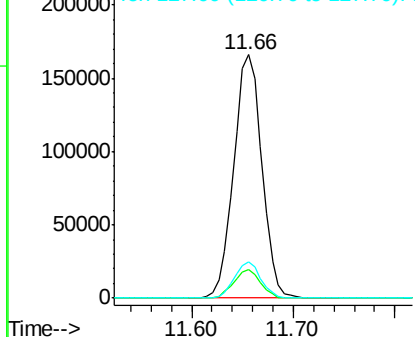


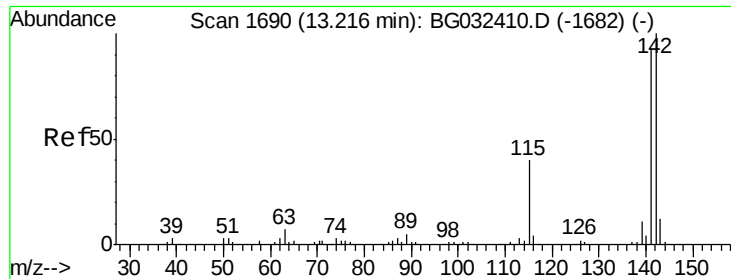
#31
 Naphthalene
 Concen: 62.912 ng
 RT: 11.66 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BG032437.D
 Acq: 30 Jan 2018 7:48

Tgt Ion: 128 Resp: 319609
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.6 12.8
 127 14.8 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

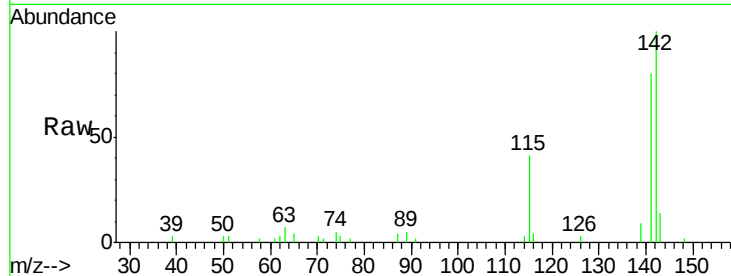




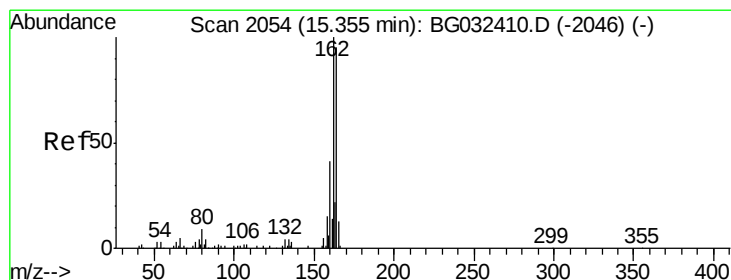
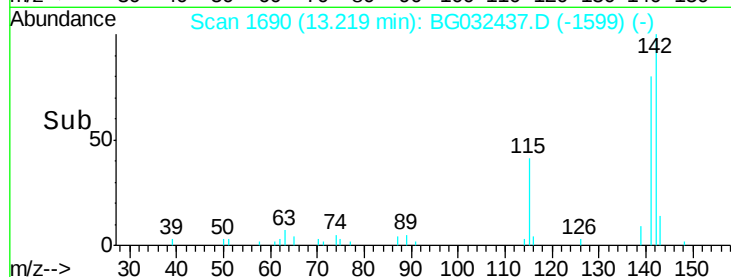
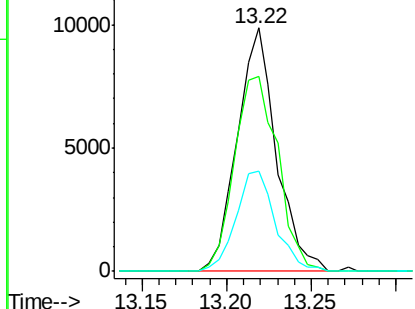
#37
 2-Methylnaphthalene
 Concen: 3.732 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG032437.D
 Acq: 30 Jan 2018 7:48

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Tgt Ion:142 Resp: 15930
 Ion Ratio Lower Upper
 142 100
 141 80.3 67.1 100.7
 115 41.3 30.7 46.1

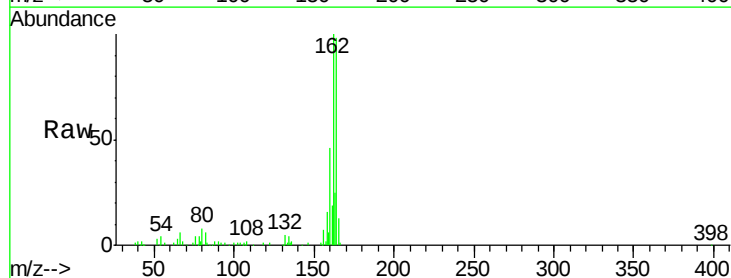


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

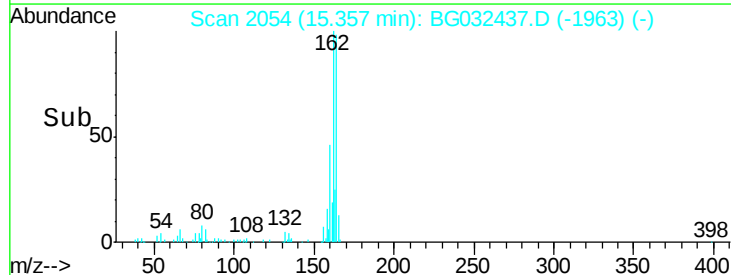
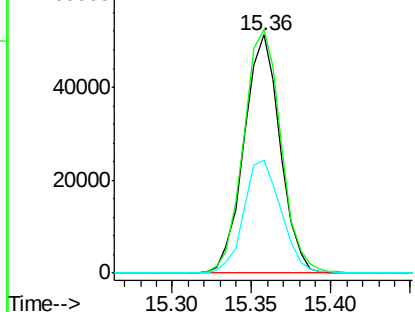


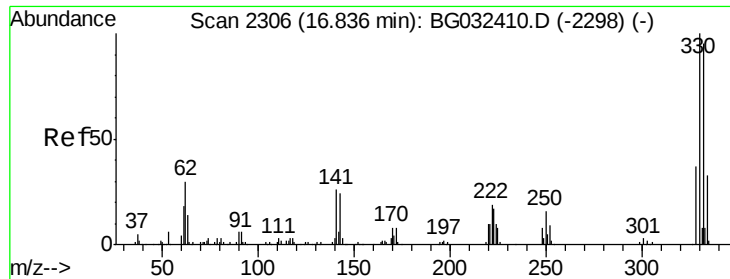
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BG032437.D
 Acq: 30 Jan 2018 7:48

Tgt Ion:164 Resp: 80934
 Ion Ratio Lower Upper
 164 100
 162 102.3 78.8 118.2
 160 47.4 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

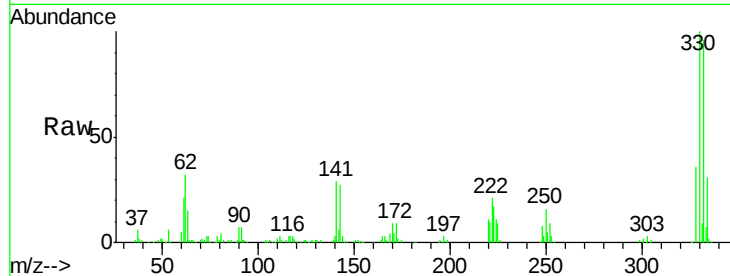




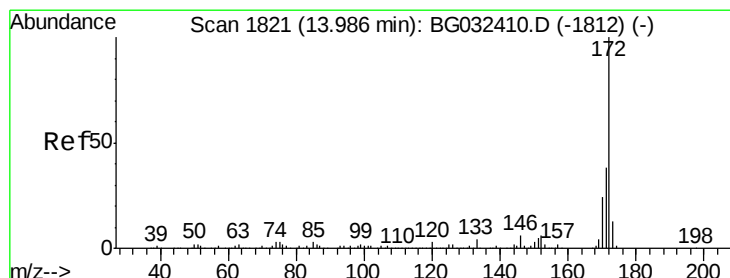
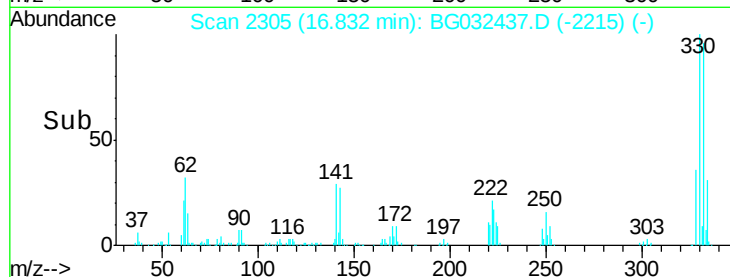
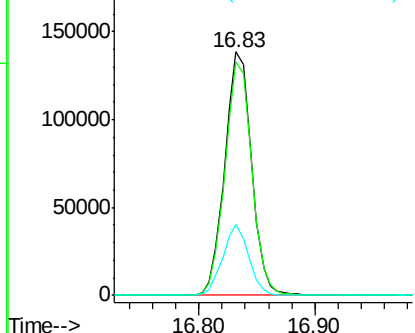
#41
 2,4,6-Tribromophenol
 Concen: 144.656 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG032437.D
 Acq: 30 Jan 2018 7:48

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Tgt Ion:330 Resp: 222854
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 28.2 25.2 37.8

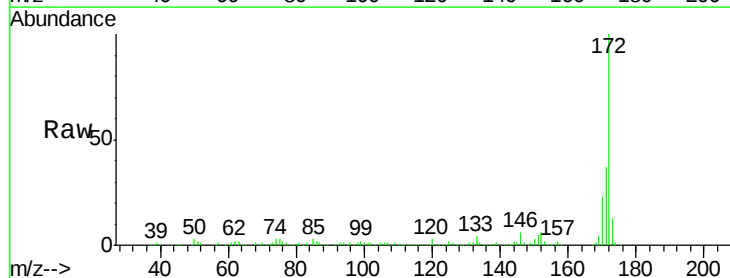


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

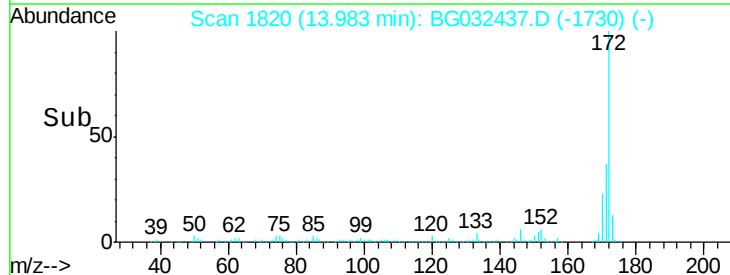
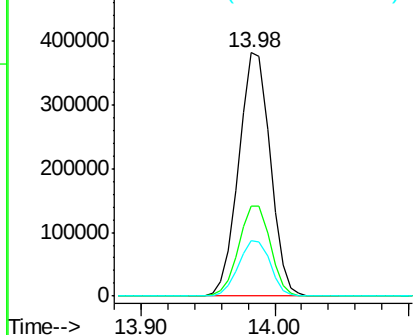


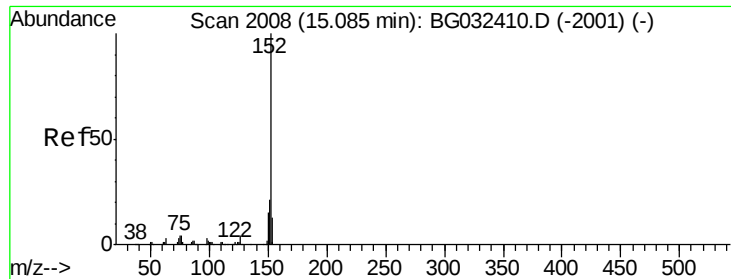
#44
 2-Fluorobiphenyl
 Concen: 91.785 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032437.D
 Acq: 30 Jan 2018 7:48

Tgt Ion:172 Resp: 625002
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 22.9 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





#48

Acenaphthylene

Concen: 2.450 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG032437.D

Acq: 30 Jan 2018 7:48

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

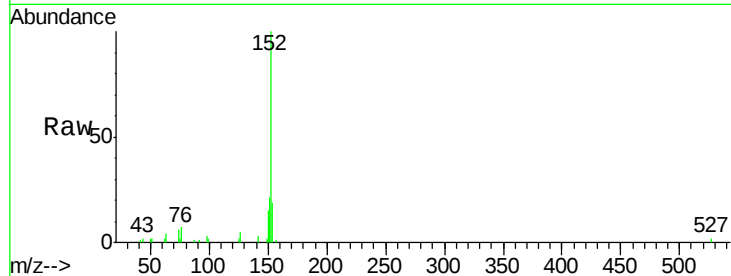
Tgt Ion:152 Resp: 19852

Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

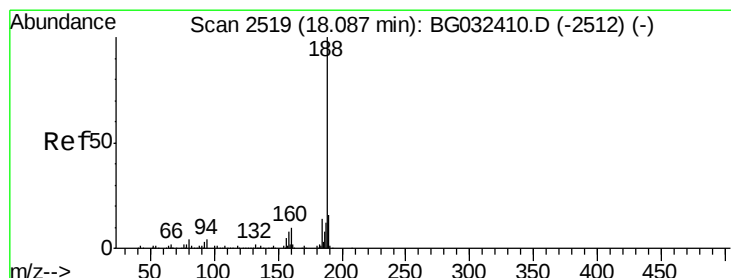
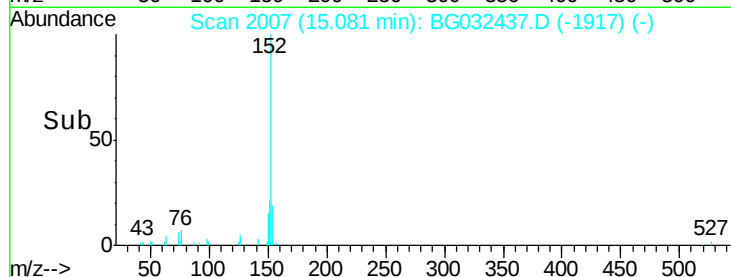
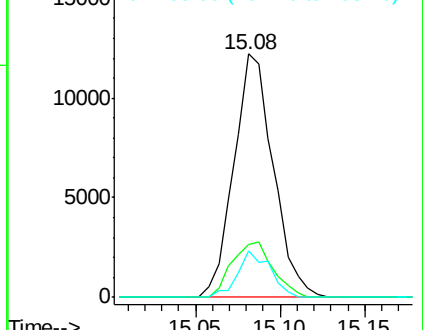
153 18.9 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG032437.D

Acq: 30 Jan 2018 7:48

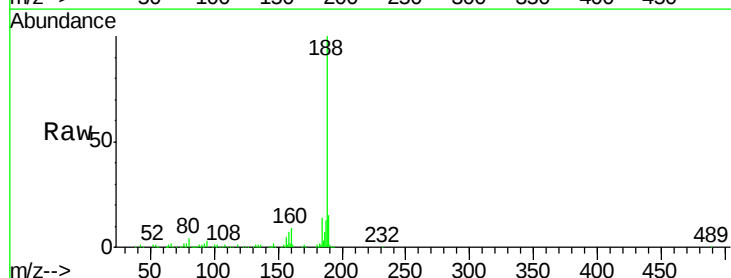
Tgt Ion:188 Resp: 224117

Ion Ratio Lower Upper

188 100

94 3.2 6.9 10.3#

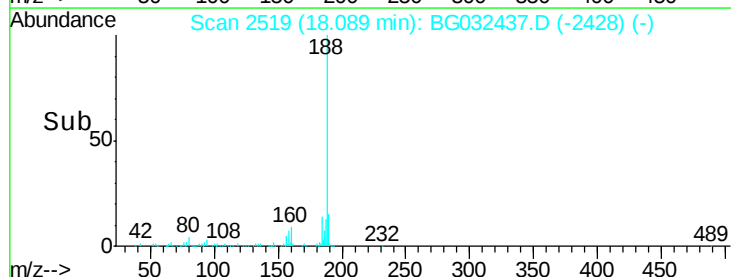
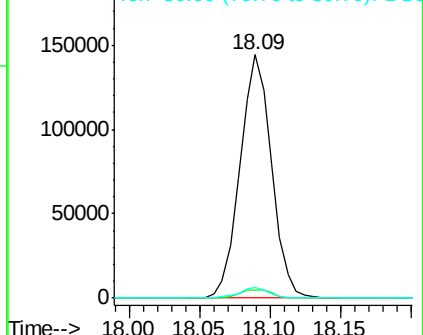
80 4.3 7.7 11.5#

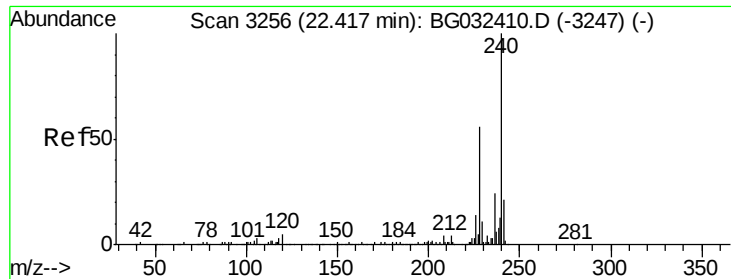


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BG032437.D

Acq: 30 Jan 2018 7:48

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

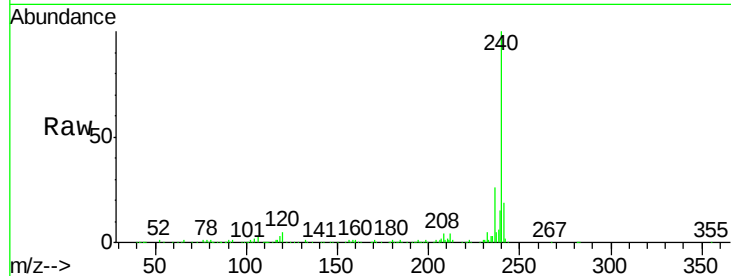
Tgt Ion:240 Resp: 265012

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

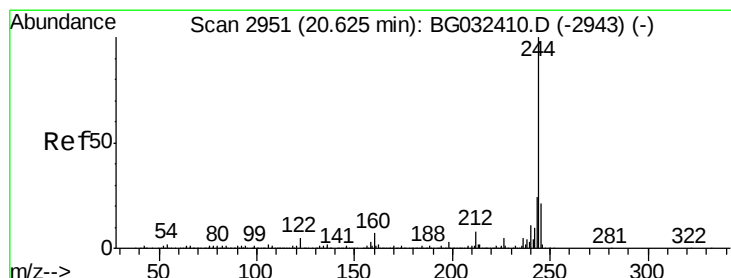
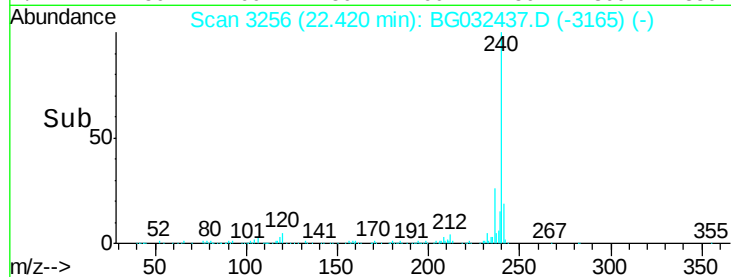
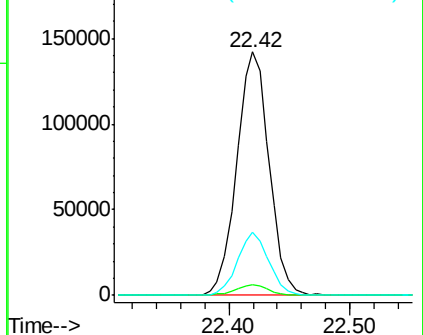
236 26.2 20.9 31.3



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: 106.565 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BG032437.D

Acq: 30 Jan 2018 7:48

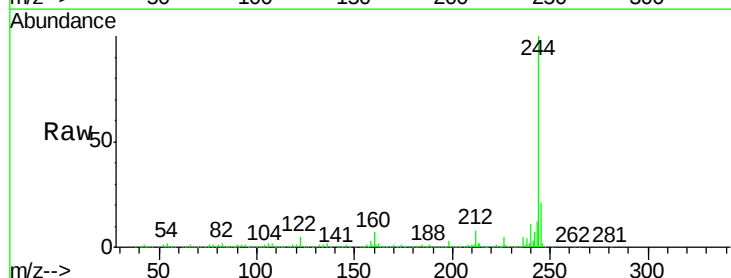
Tgt Ion:244 Resp: 1318385

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

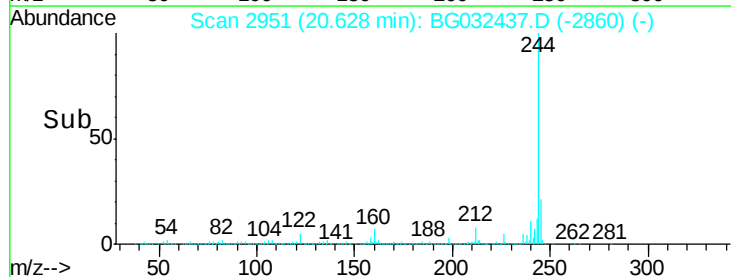
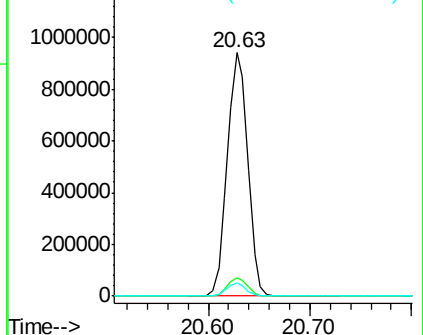
122 5.5 7.0 10.4#

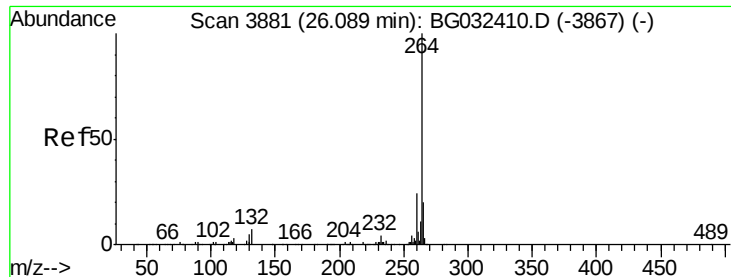


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.10 min Scan# 3883
Delta R.T. 0.01 min
Lab File: BG032437.D
Acq: 30 Jan 2018 7:48

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.9	17.7	26.5

