

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032550.D
 Acq On : 6 Feb 2018 1:18
 Operator : SJ/JU
 Sample : J1442-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIRST-FLOOR-CHASSIS-WASH

Quant Time: Feb 06 04:48:14 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

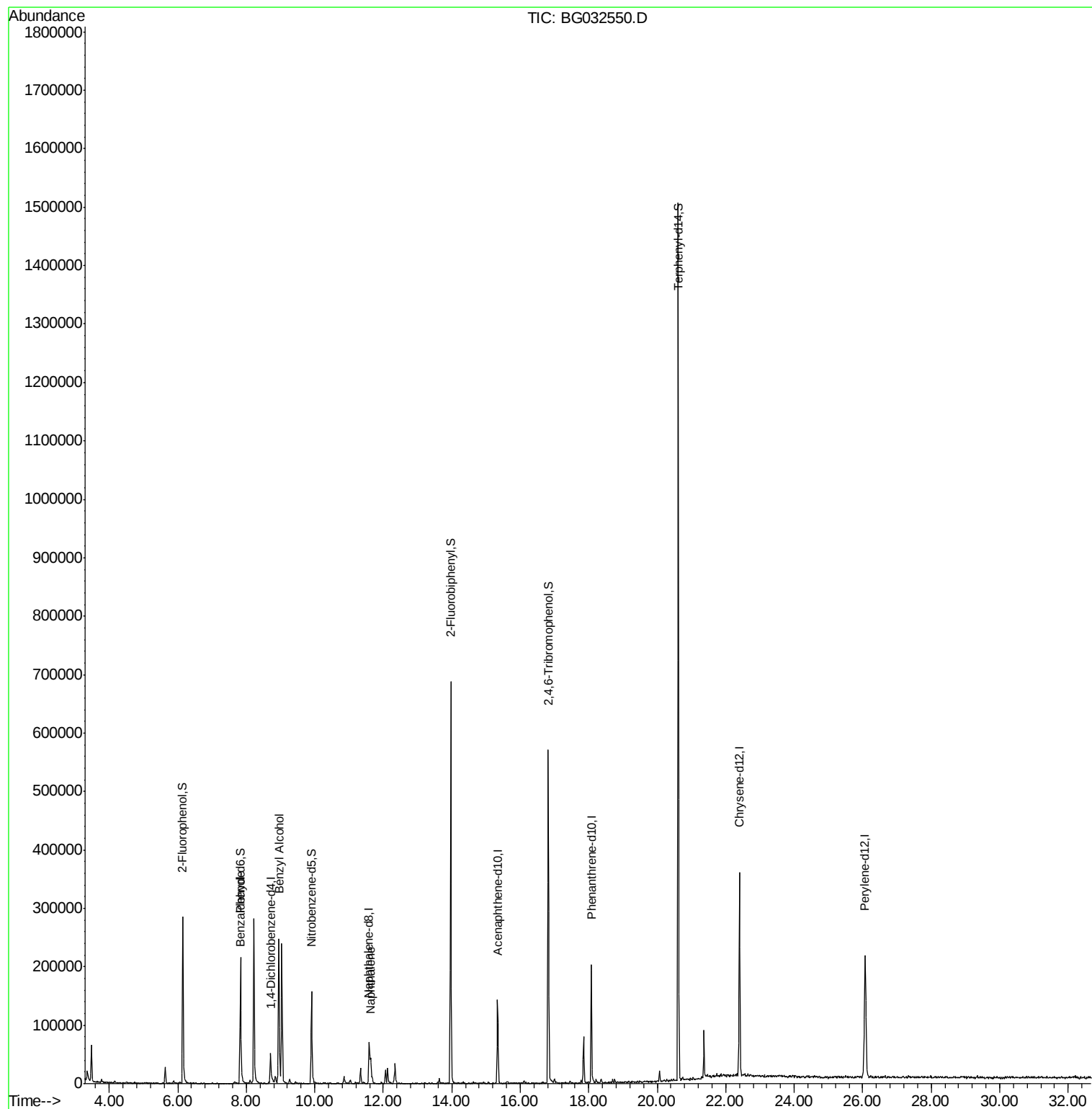
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	17741	20.00	ng	-0.02
21) Naphthalene-d8	11.58	136	76728	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	56490	20.00	ng	-0.02
63) Phenanthrene-d10	18.08	188	147177	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	268787	20.00	ng	-0.02
86) Perylene-d12	26.07	264	294584	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	160285	181.47	ng	-0.01
7) Phenol-d6	7.83	99	149902	127.18	ng	0.00
23) Nitrobenzene-d5	9.90	82	104380	84.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	160451	149.22	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	415507	87.42	ng	-0.02
78) Terphenyl-d14	20.61	244	803057	64.00	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.81	77	5671	9.316	ng	Qvalue # 84
15) Benzyl Alcohol	8.95	79	105265	108.364	ng	95
31) Naphthalene	11.64	128	35266	9.411	ng	98

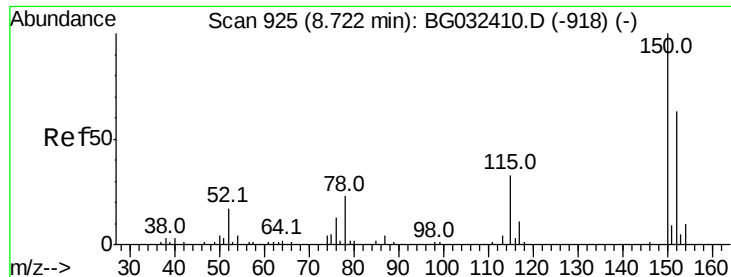
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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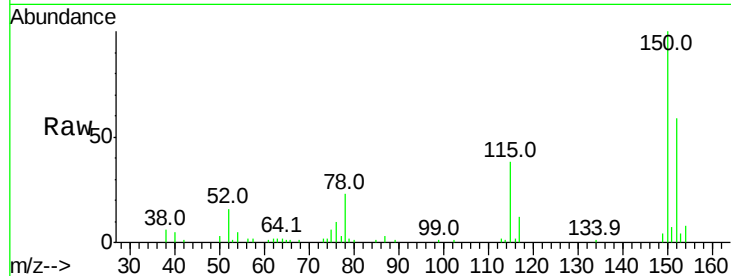


#1

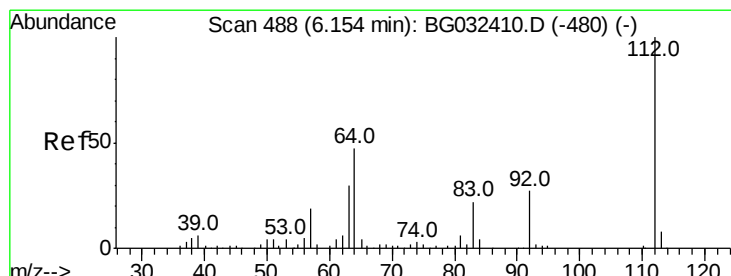
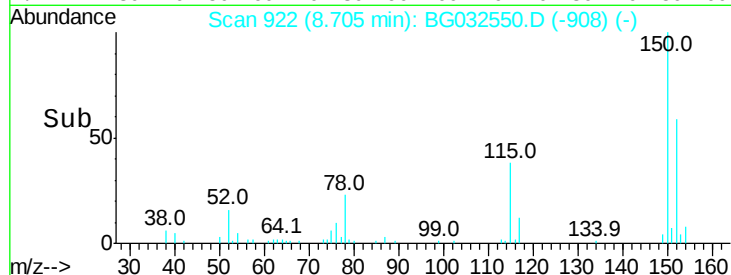
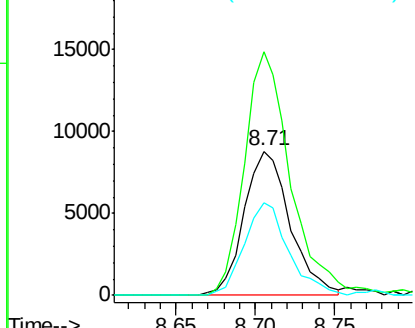
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG032550.D
 Acq: 6 Feb 2018 1:18

Instrument :
 BNA_G
 ClientSampleId :
 FIRST-FLOOR-CHASSIS-WASH

Tot Ion:152 Resp: 17741
 Ion Ratio Lower Upper
 152 100
 150 169.2 126.6 189.8
 115 64.1 53.0 79.4



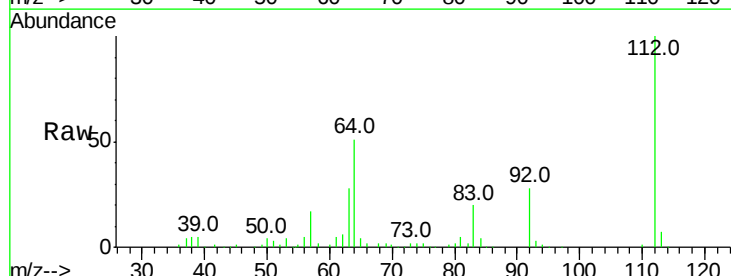
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



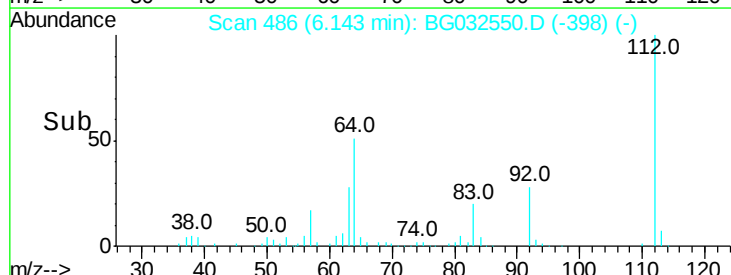
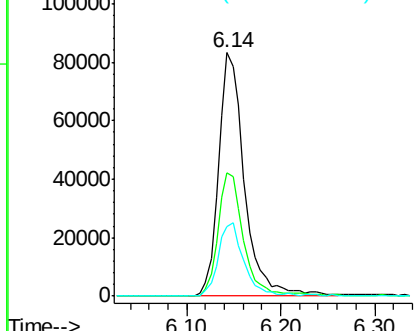
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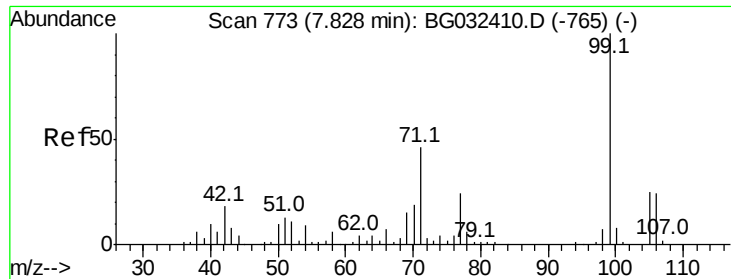
2-Fluorophenol
 Concen: 181.468 ng
 RT: 6.14 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BG032550.D
 Acq: 6 Feb 2018 1:18

Tgt Ion:112 Resp: 160285
 Ion Ratio Lower Upper
 112 100
 64 50.5 56.3 84.5#
 63 28.4 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: 127.181 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032550.D

Acq: 6 Feb 2018 1:18

Instrument :

BNA_G

ClientSampleId :

FIRST-FLOOR-CHASSIS-WASH

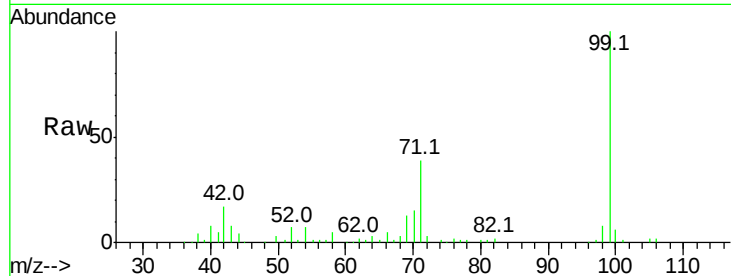
Tot Ion: 99 Resp: 149902

Ion Ratio Lower Upper

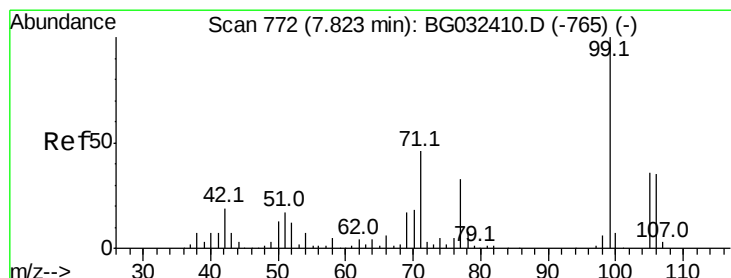
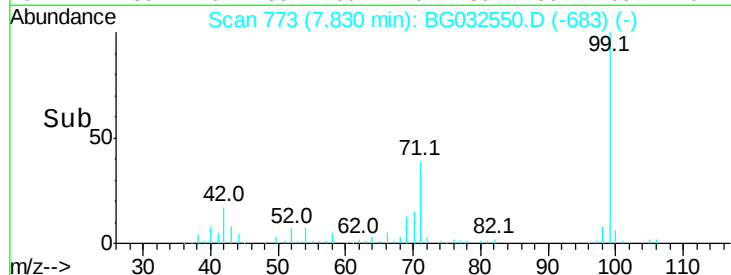
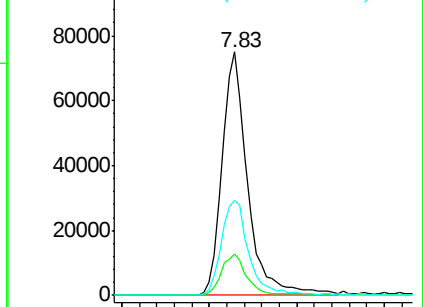
99 100

42 16.8 14.1 21.1

71 39.3 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



#9

Benzaldehyde

Concen: 9.316 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032550.D

Acq: 6 Feb 2018 1:18

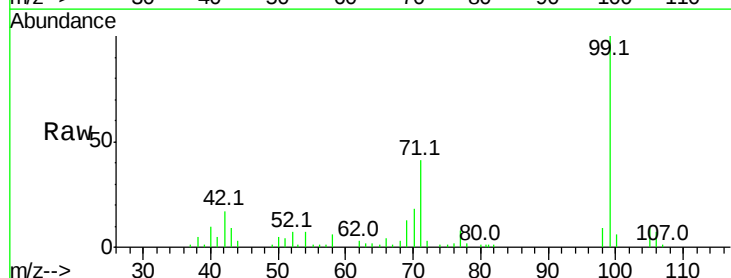
Tgt Ion: 77 Resp: 5671

Ion Ratio Lower Upper

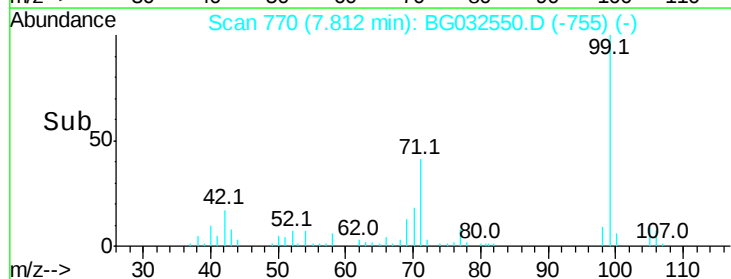
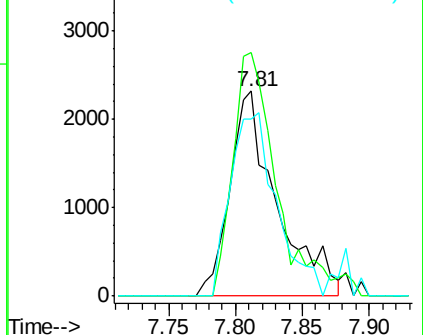
77 100

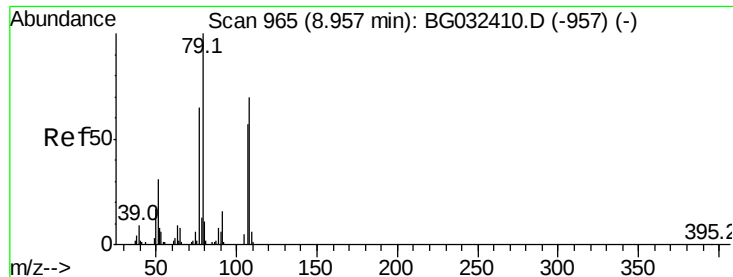
105 118.7 71.3 111.3#

106 86.1 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#15

Benzyl Alcohol

Concen: 108.364 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032550.D

Acq: 6 Feb 2018 1:18

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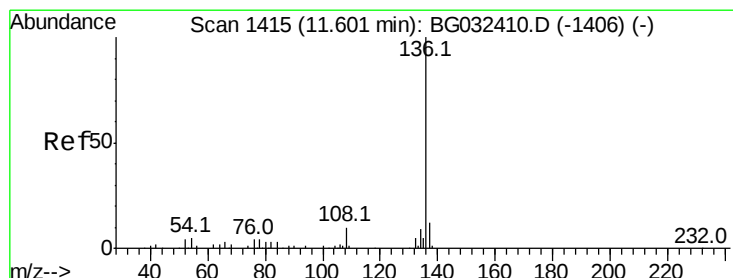
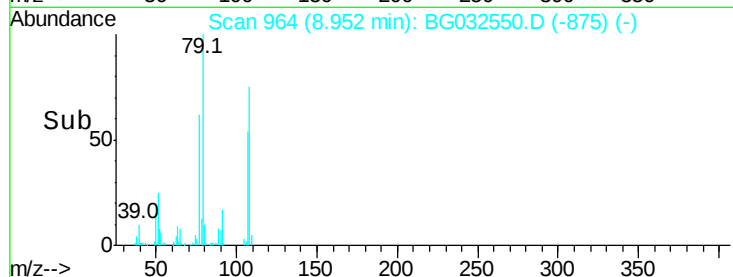
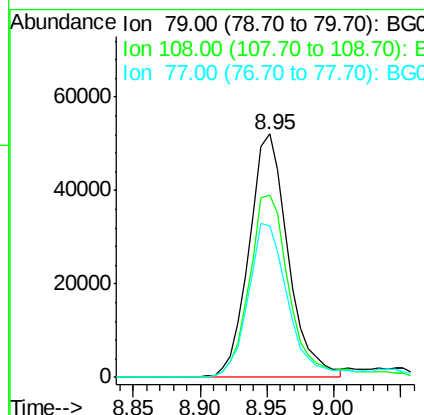
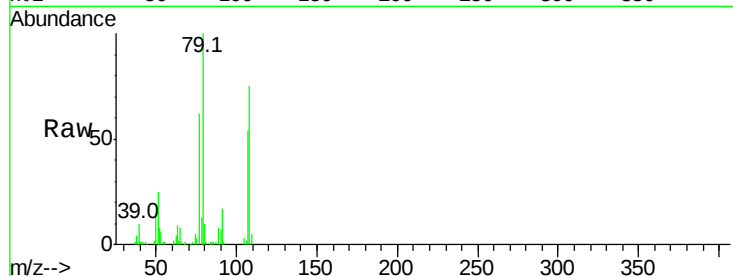
Tot Ion: 79 Resp: 105265

Ion Ratio Lower Upper

79 100

108 74.9 57.2 85.8

77 62.3 46.1 69.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.58 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BG032550.D

Acq: 6 Feb 2018 1:18

Tgt Ion: 136 Resp: 76728

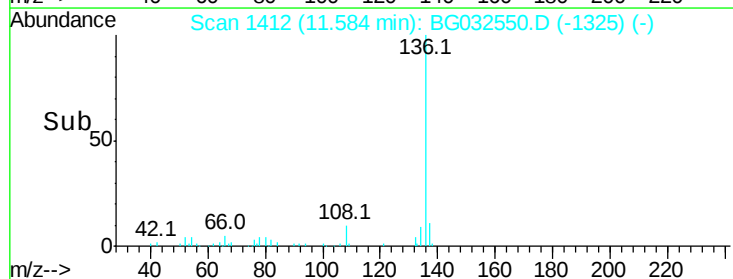
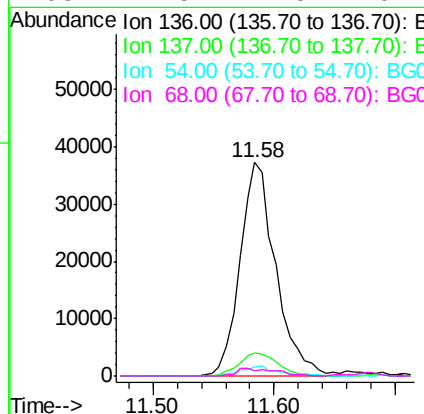
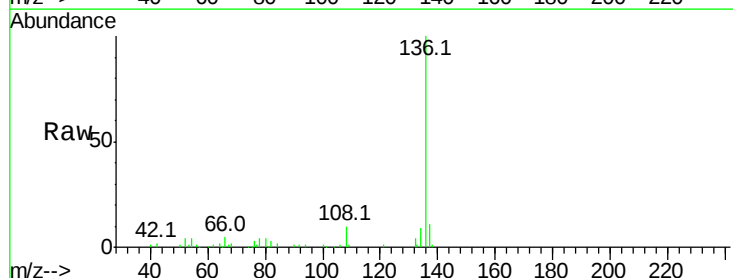
Ion Ratio Lower Upper

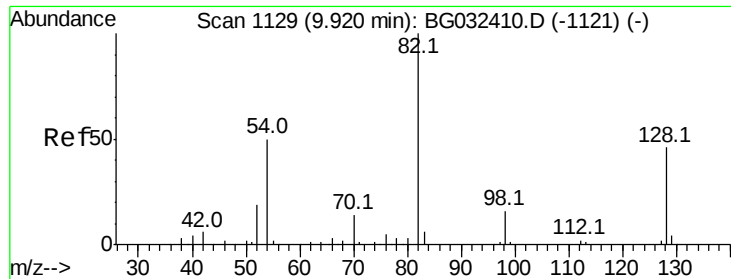
136 100

137 10.8 9.2 13.8

54 4.3 10.3 15.5#

68 2.5 4.5 6.7#

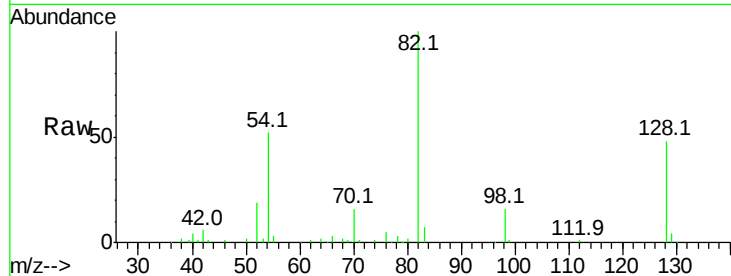




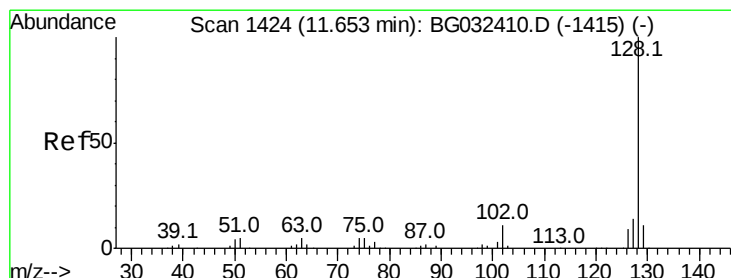
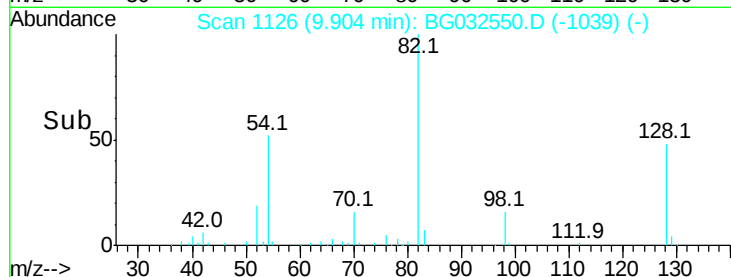
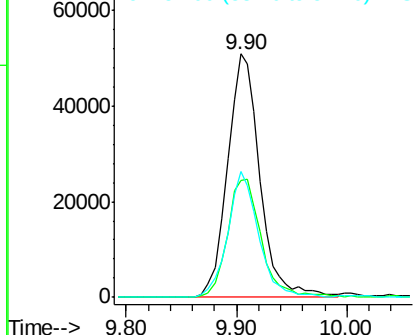
#23
Nitrobenzene-d5
Concen: 84.971 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BG032550.D
Acq: 6 Feb 2018 1:18

Instrument :
BNA_G
ClientSampleId :
FIRST-FLOOR-CHASSIS-WASH

Tot Ion: 82 Resp: 104380
Ion Ratio Lower Upper
82 100
128 47.9 29.7 44.5#
54 51.7 43.1 64.7

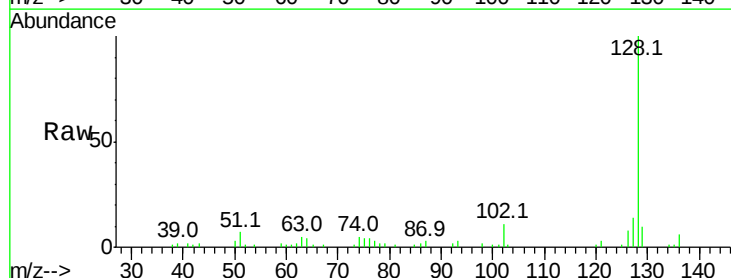


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

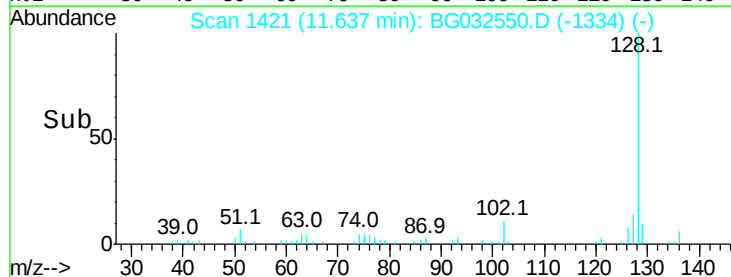
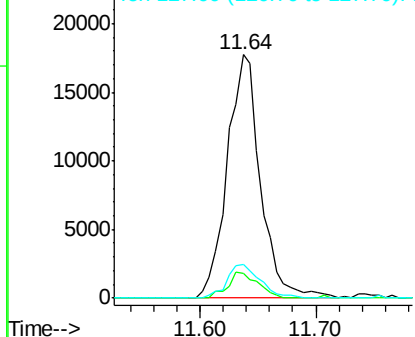


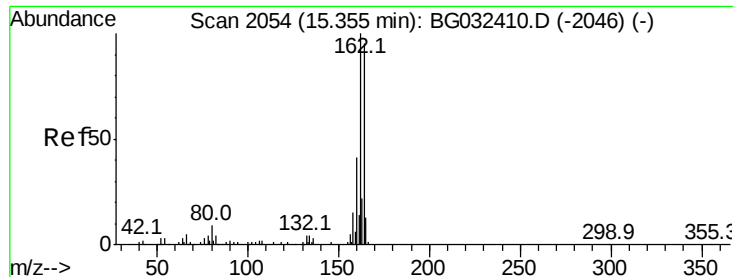
#31
Naphthalene
Concen: 9.411 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG032550.D
Acq: 6 Feb 2018 1:18

Tgt Ion: 128 Resp: 35266
Ion Ratio Lower Upper
128 100
129 10.0 8.6 12.8
127 14.0 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: 15.34 min Scan# 2051

Delta R.T. -0.02 min

Lab File: BG032550.D

Acq: 6 Feb 2018 1:18

Instrument :

BNA_G

ClientSampleId :

FIRST-FLOOR-CHASSIS-WASH

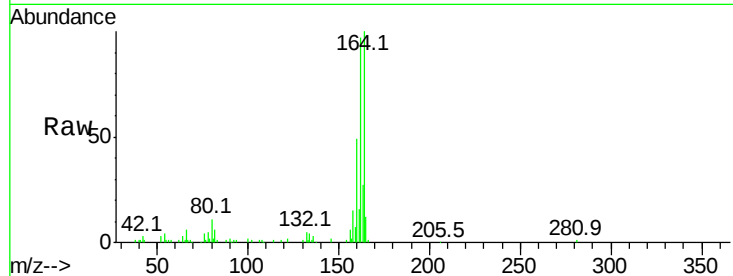
Tot Ion:164 Resp: 56490

Ion Ratio Lower Upper

164 100

162 96.6 78.8 118.2

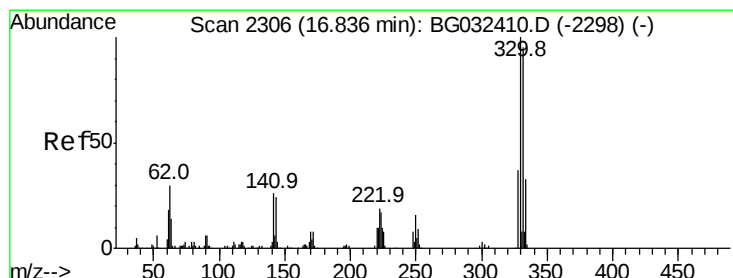
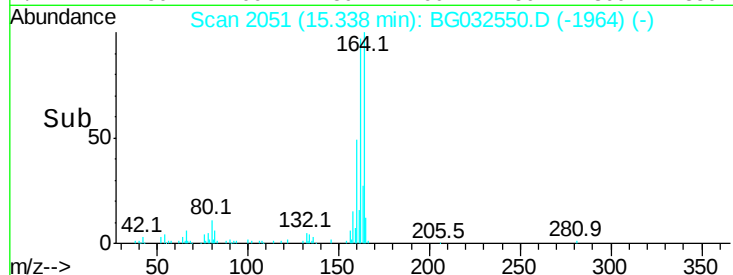
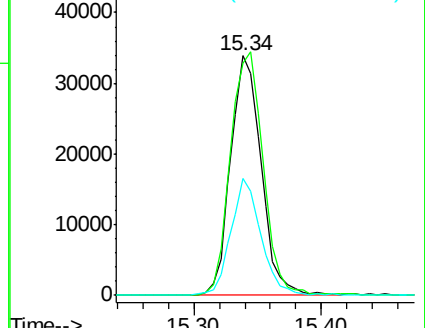
160 49.0 35.4 53.0



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: 149.217 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BG032550.D

Acq: 6 Feb 2018 1:18

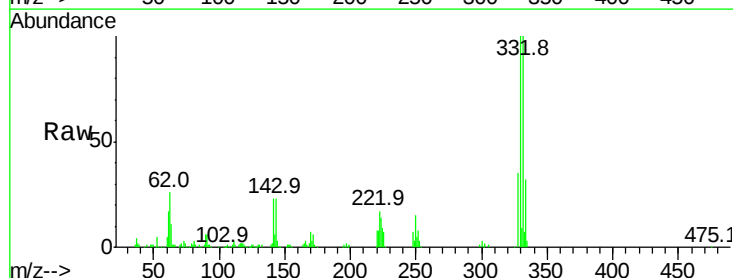
Tgt Ion:330 Resp: 160451

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

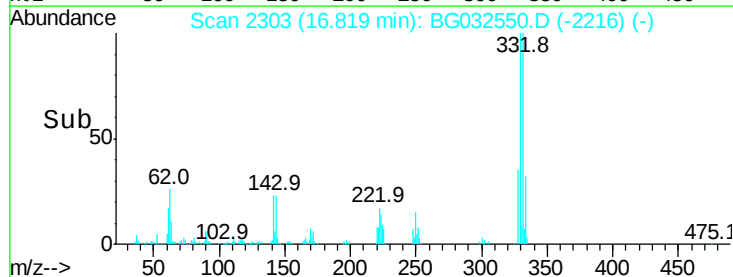
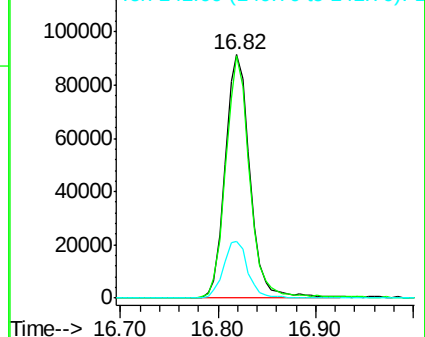
141 23.4 25.2 37.8#

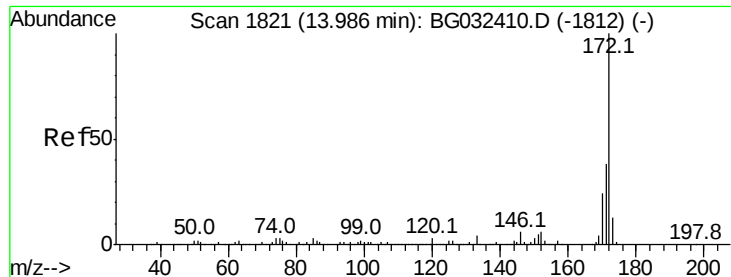


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

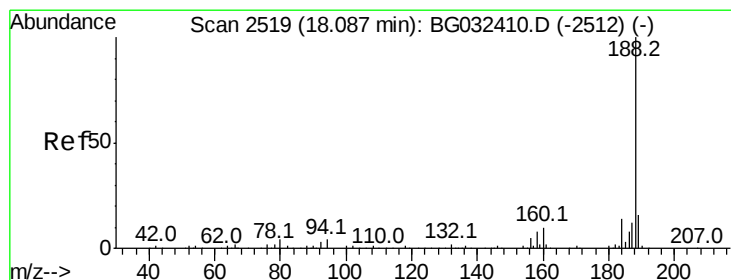
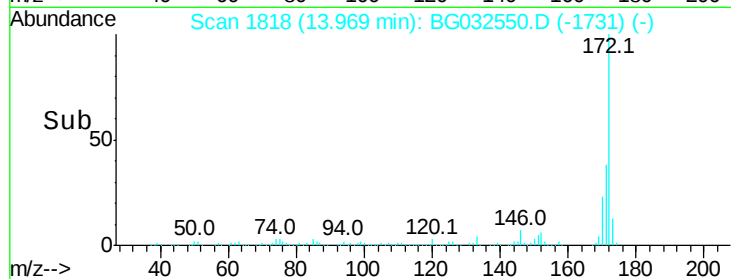
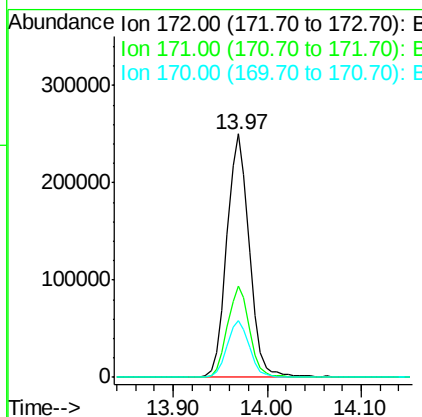
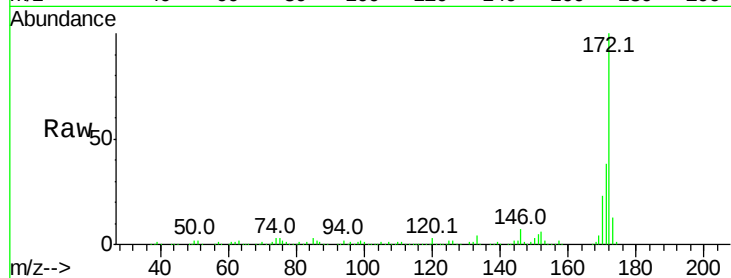




#44
 2-Fluorobiphenyl
 Concen: 87.424 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032550.D
 Acq: 6 Feb 2018 1:18

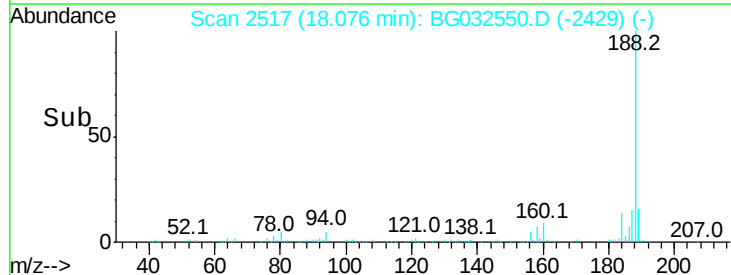
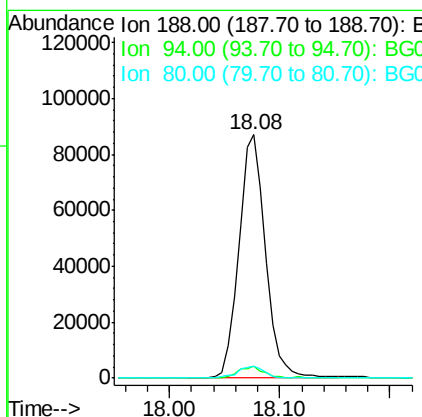
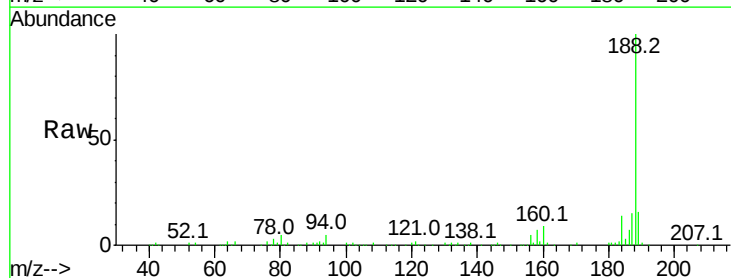
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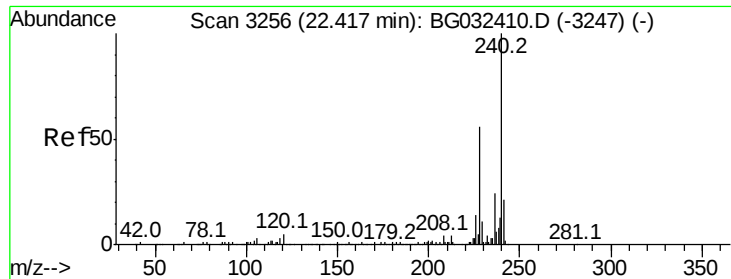
Tot Ion:172 Resp: 415507
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 23.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032550.D
 Acq: 6 Feb 2018 1:18

Tgt Ion:188 Resp: 147177
 Ion Ratio Lower Upper
 188 100
 94 4.8 6.9 10.3#
 80 4.9 7.7 11.5#

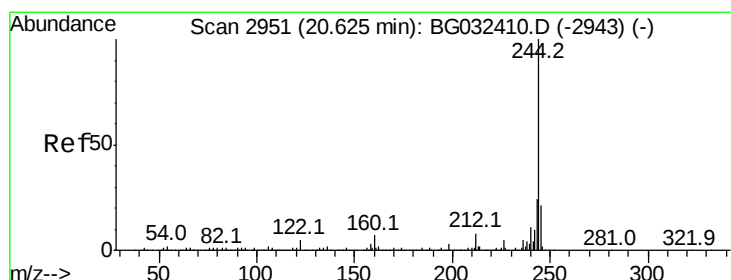
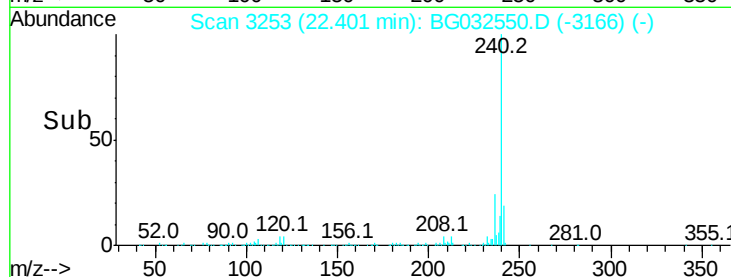
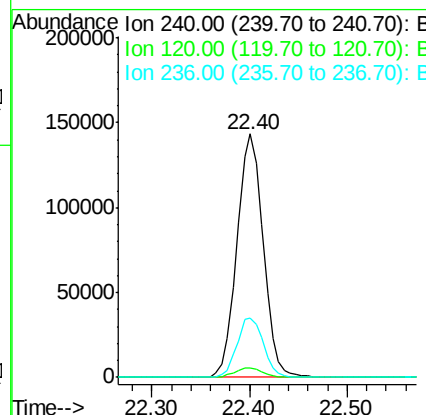
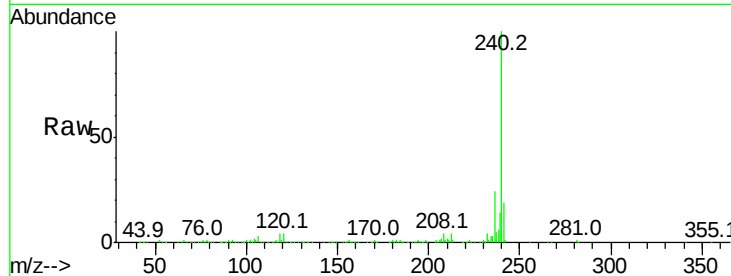




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.40 min Scan# 3253
 Delta R.T. -0.02 min
 Lab File: BG032550.D
 Acq: 6 Feb 2018 1:18

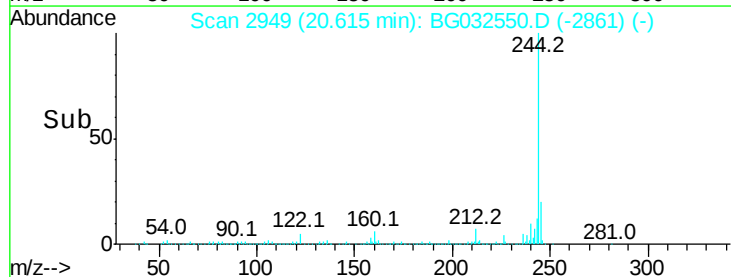
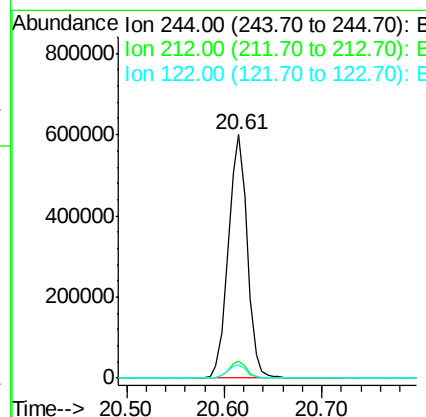
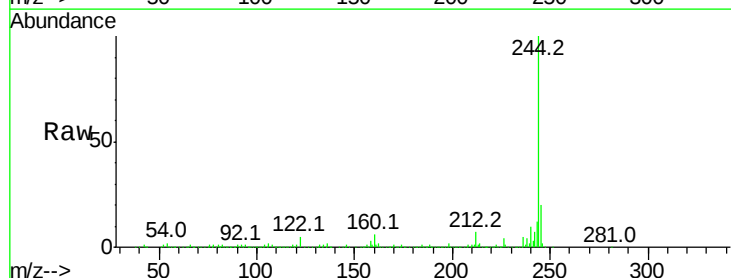
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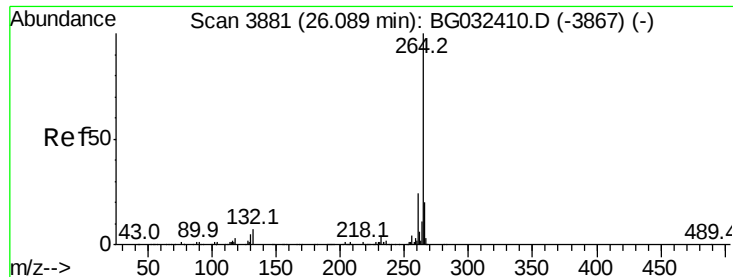
Tot Ion:240 Resp: 268787
 Ion Ratio Lower Upper
 240 100
 120 4.0 6.8 10.2#
 236 24.1 20.9 31.3



#78
 Terphenyl-d14
 Concen: 63.999 ng
 RT: 20.61 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BG032550.D
 Acq: 6 Feb 2018 1:18

Tgt Ion:244 Resp: 803057
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 5.4 7.0 10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3877
Delta R.T. -0.02 min
Lab File: BG032550.D
Acq: 6 Feb 2018 1:18

Instrument :
BNA_G
ClientSampleId :
FIRST-FLOOR-CHASSIS-WASH

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.3	17.7	26.5

