

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032102.D
 Acq On : 17 Jan 2018 11:42
 Operator : SJ/JU
 Sample : J1122-27
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G-3

Quant Time: Jan 17 12:41:18 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

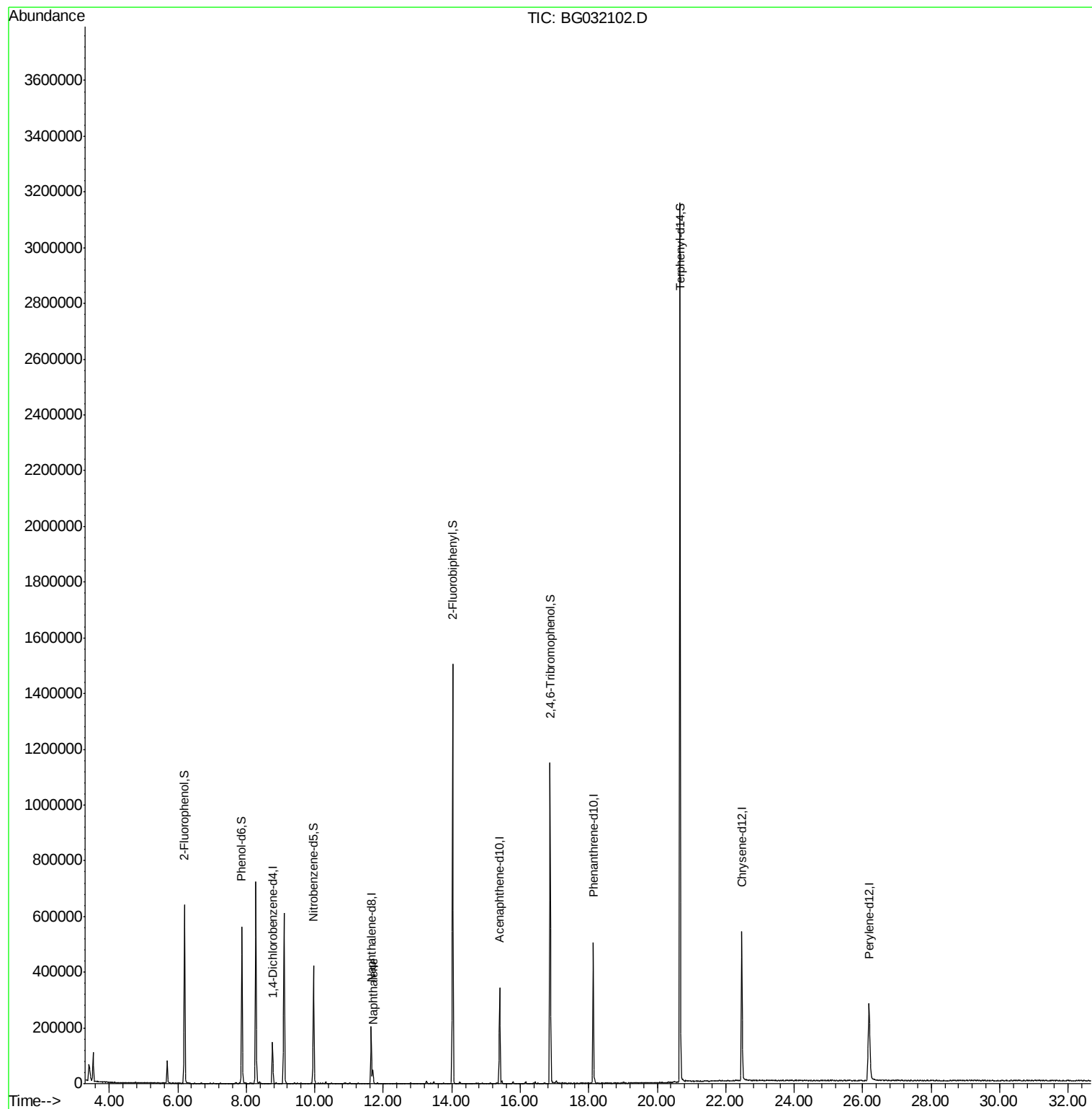
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	51943	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	198624	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	132462	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	337731	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	407883	20.00	ng	-0.02
86) Perylene-d12	26.19	264	413170	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	332336	117.02	ng	0.00
7) Phenol-d6	7.88	99	369136	103.20	ng	0.00
23) Nitrobenzene-d5	9.96	82	267910	91.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	262017	119.54	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	916793	85.82	ng	0.00
78) Terphenyl-d14	20.66	244	1729510	93.63	ng	-0.01
Target Compounds						
31) Naphthalene	11.70	128	48433	4.922	ng	Qvalue 99

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

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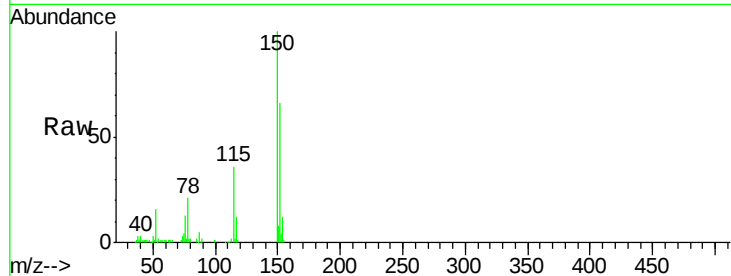


#1

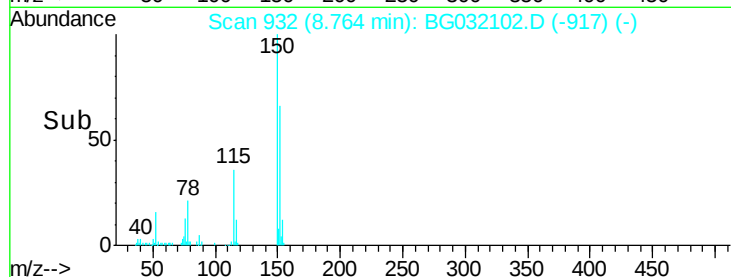
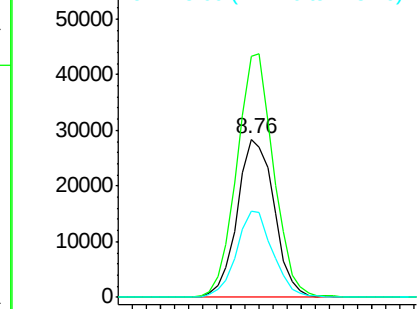
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032102.D
Acq: 17 Jan 2018 11:42

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 51943
Ion Ratio Lower Upper
152 100
150 152.5 126.6 189.8
115 54.6 53.0 79.4



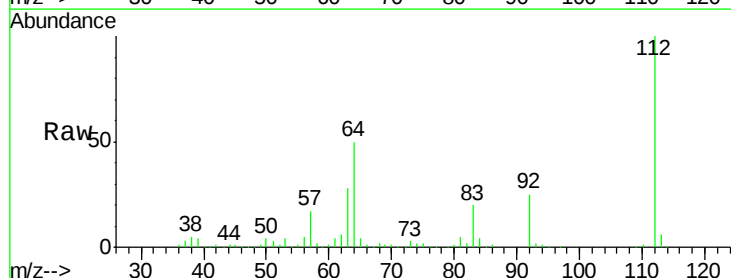
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



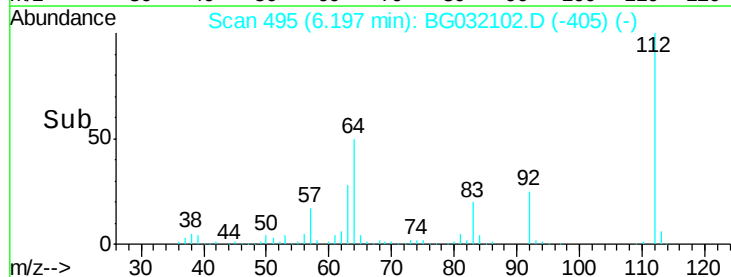
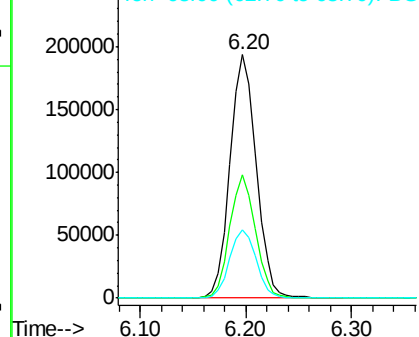
#5

2-Fluorophenol
Concen: 117.017 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032102.D
Acq: 17 Jan 2018 11:42

Tgt Ion:112 Resp: 332336
Ion Ratio Lower Upper
112 100
64 50.4 56.3 84.5#
63 28.1 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: 103.200 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032102.D

Acq: 17 Jan 2018 11:42

Instrument :

BNA_G

ClientSampled :

G-3

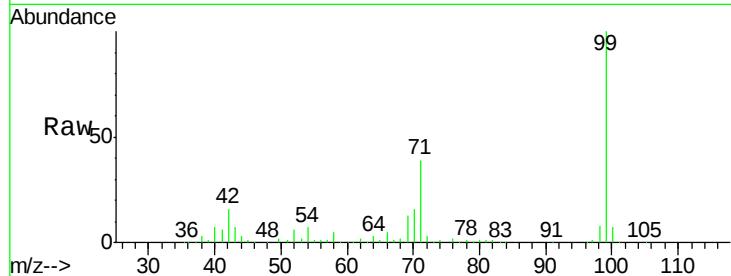
Tgt Ion: 99 Resp: 369136

Ion Ratio Lower Upper

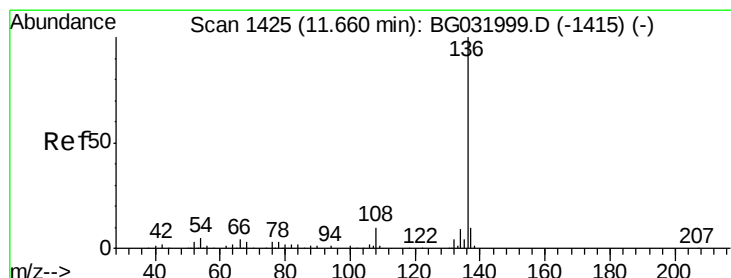
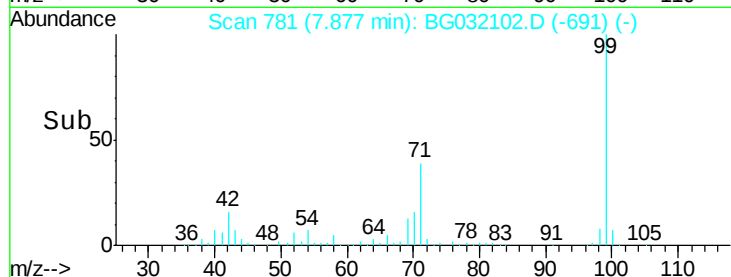
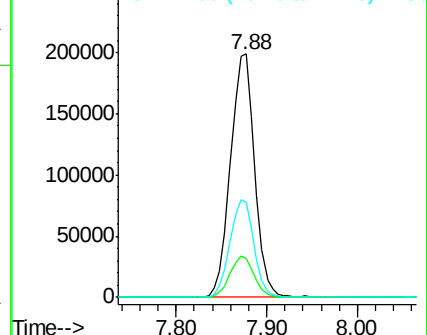
99 100

42 16.0 14.1 21.1

71 39.0 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: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG032102.D

Acq: 17 Jan 2018 11:42

Tgt Ion: 136 Resp: 198624

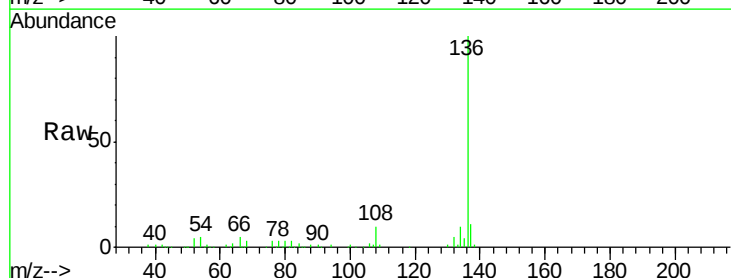
Ion Ratio Lower Upper

136 100

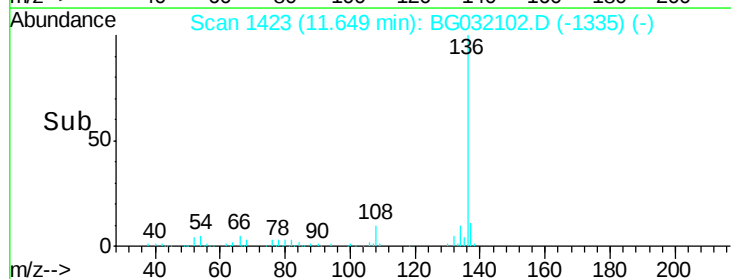
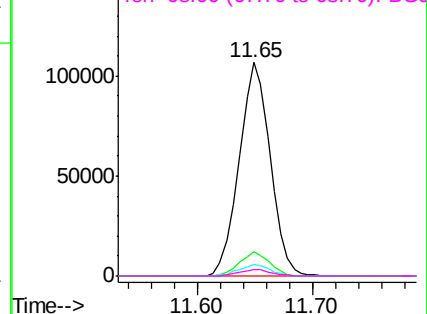
137 11.3 9.2 13.8

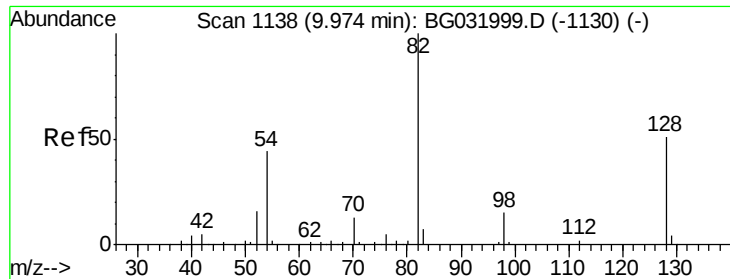
54 5.3 10.3 15.5#

68 3.1 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

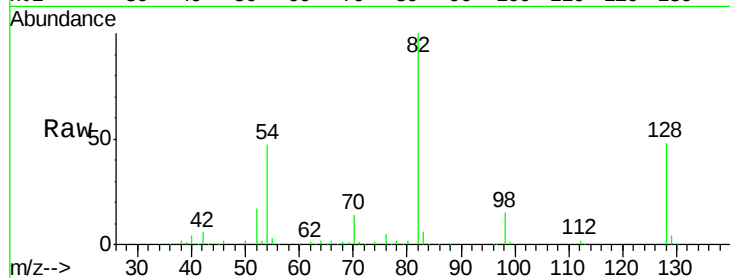




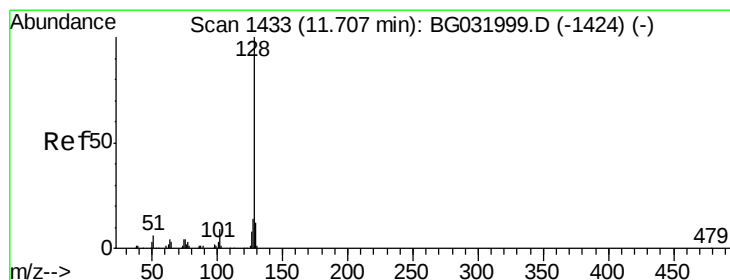
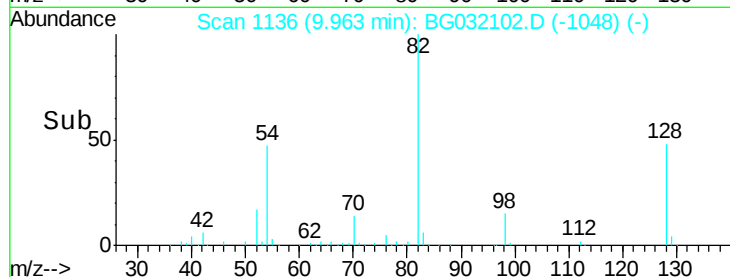
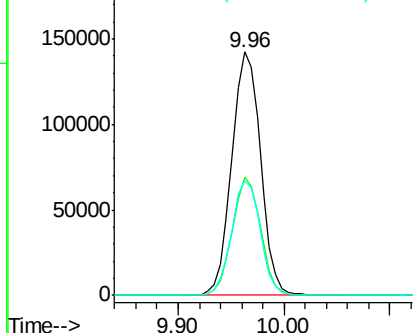
#23
Nitrobenzene-d5
Concen: 91.254 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032102.D
Acq: 17 Jan 2018 11:42

Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 267910
Ion Ratio Lower Upper
82 100
128 48.4 29.7 44.5#
54 47.1 43.1 64.7

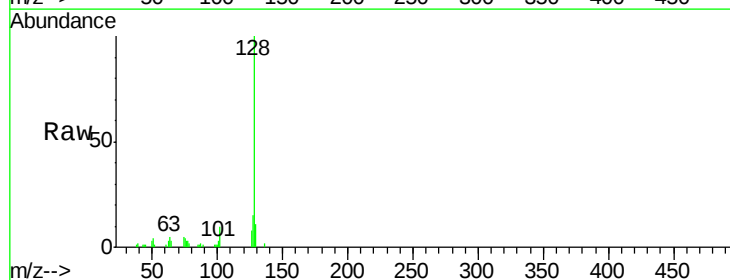


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

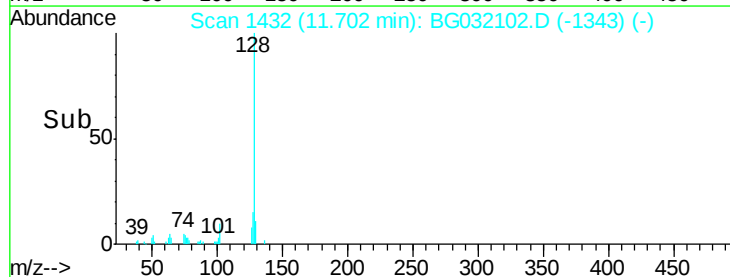
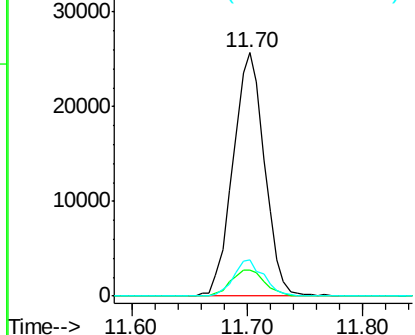


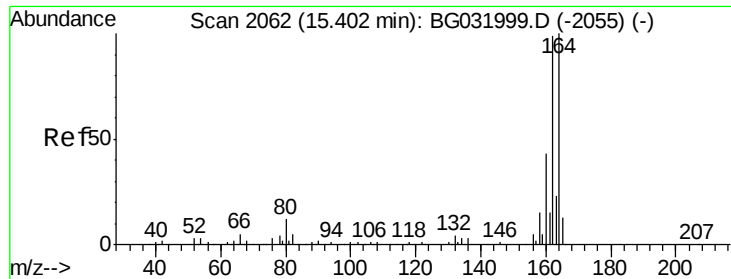
#31
Naphthalene
Concen: 4.922 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BG032102.D
Acq: 17 Jan 2018 11:42

Tgt Ion: 128 Resp: 48433
Ion Ratio Lower Upper
128 100
129 10.5 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

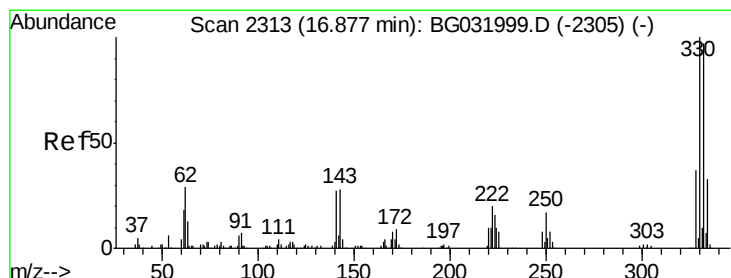
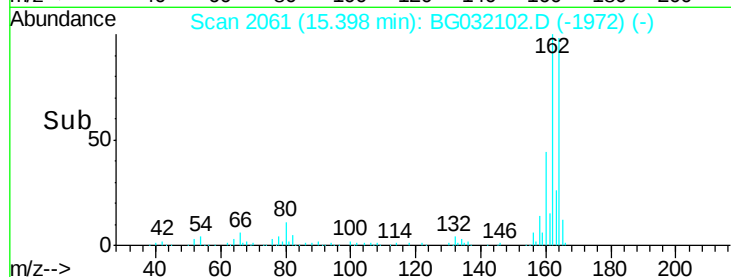
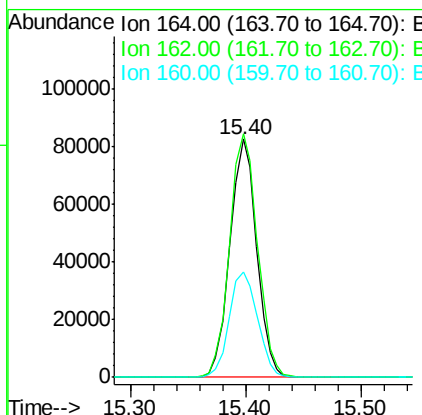
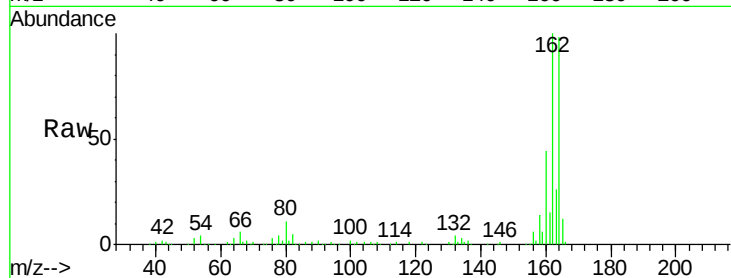




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BG032102.D
 Acq: 17 Jan 2018 11:42

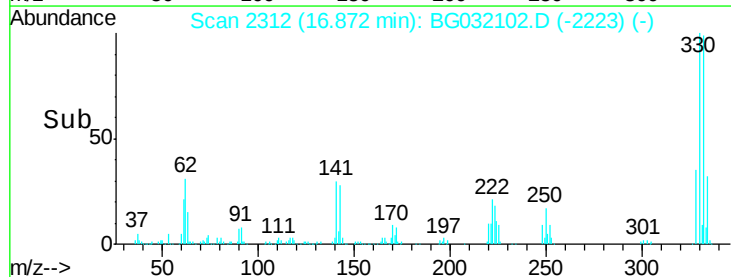
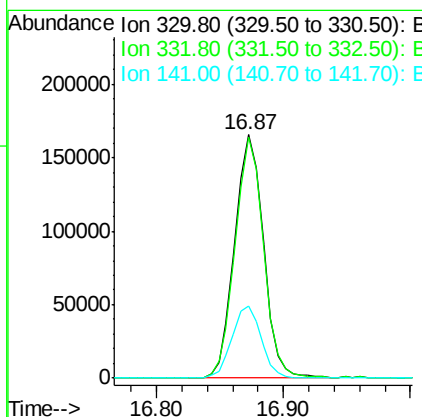
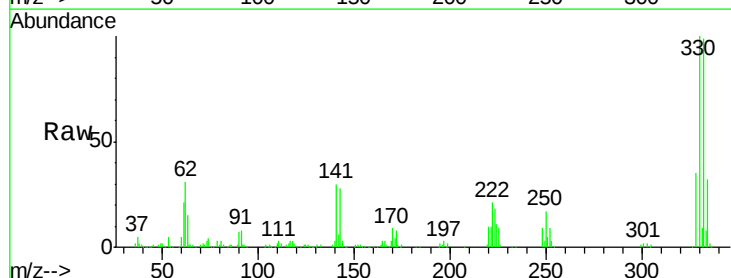
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 ClientSampleId :
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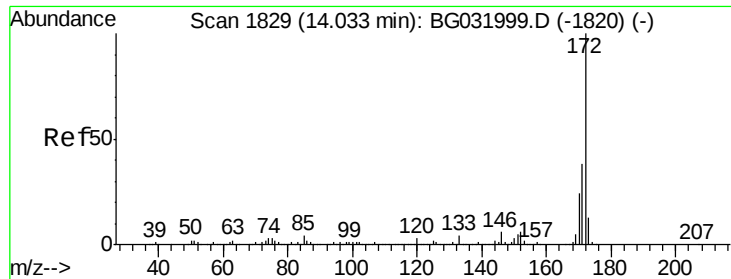
Tgt Ion:164 Resp: 132462
 Ion Ratio Lower Upper
 164 100
 162 102.4 78.8 118.2
 160 44.5 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 119.537 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG032102.D
 Acq: 17 Jan 2018 11:42

Tgt Ion:330 Resp: 262017
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 30.1 25.2 37.8

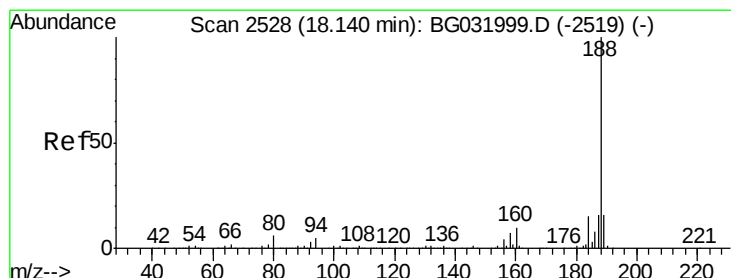
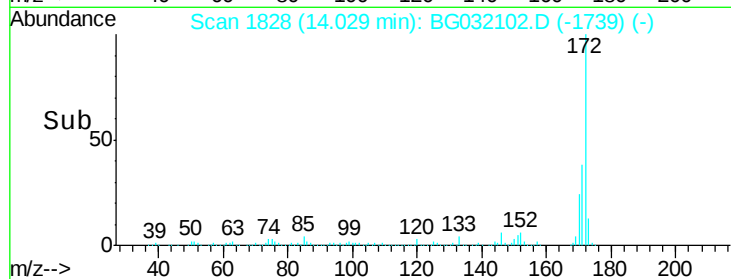
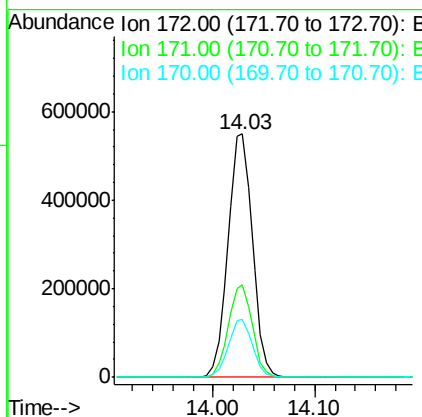
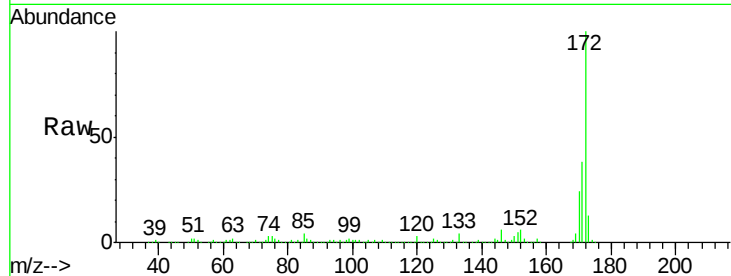




#44
 2-Fluorobiphenyl
 Concen: 85.819 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032102.D
 Acq: 17 Jan 2018 11:42

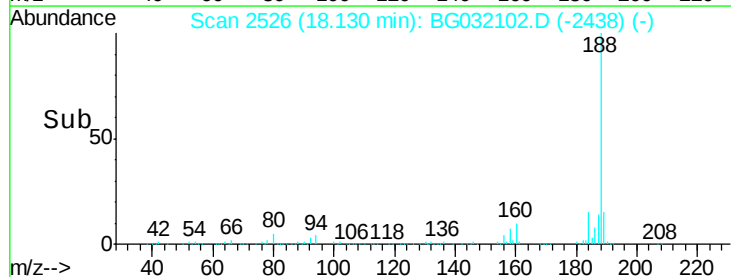
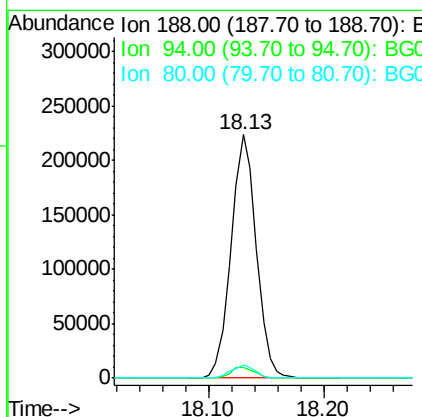
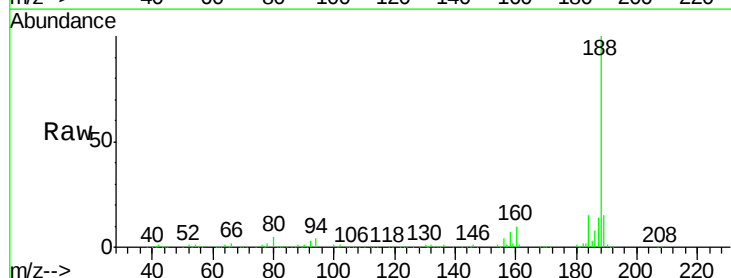
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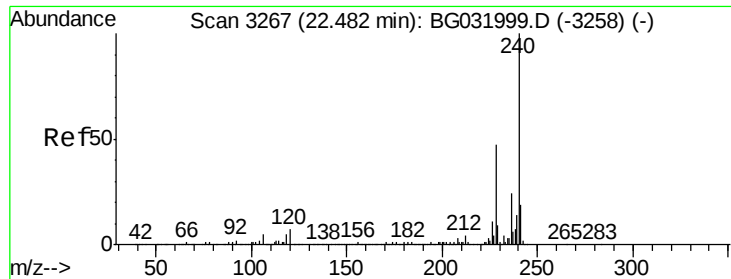
Tgt Ion:172 Resp: 916793
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 23.7 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032102.D
 Acq: 17 Jan 2018 11:42

Tgt Ion:188 Resp: 337731
 Ion Ratio Lower Upper
 188 100
 94 4.4 6.9 10.3#
 80 5.3 7.7 11.5#

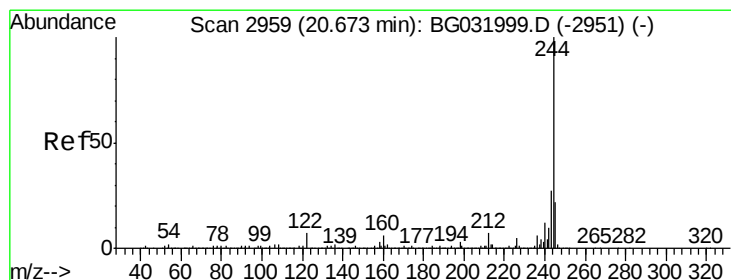
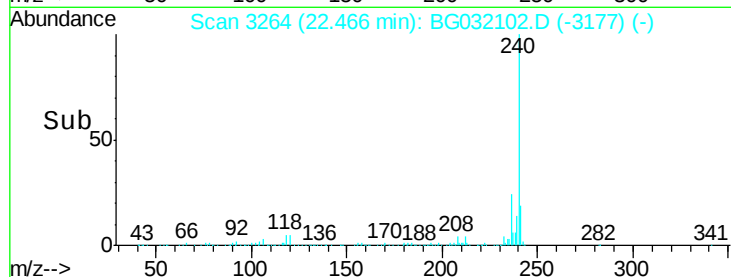
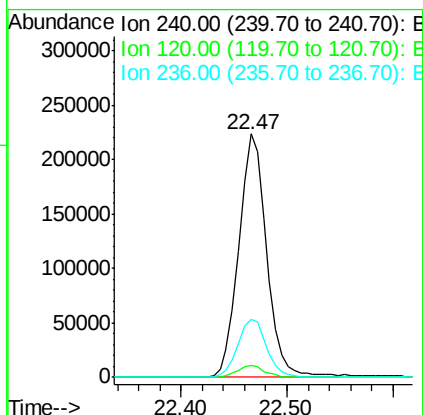
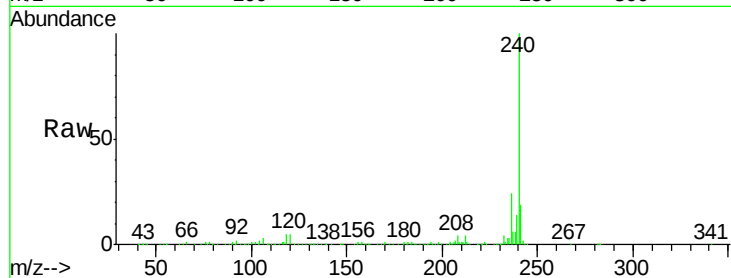




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.47 min Scan# 3264
 Delta R.T. -0.02 min
 Lab File: BG032102.D
 Acq: 17 Jan 2018 11:42

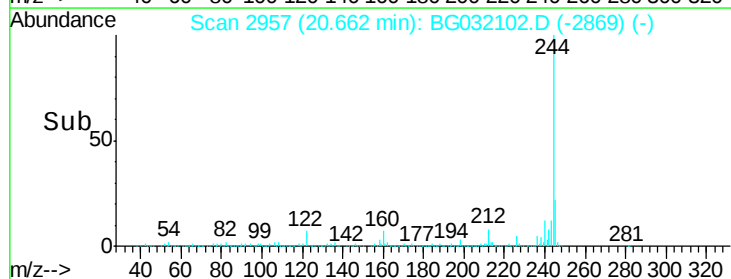
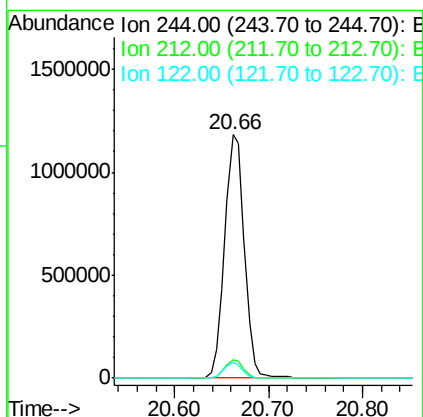
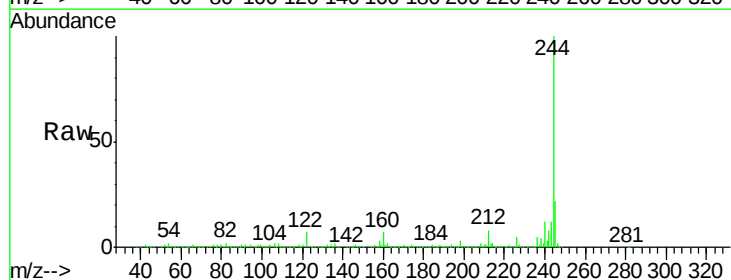
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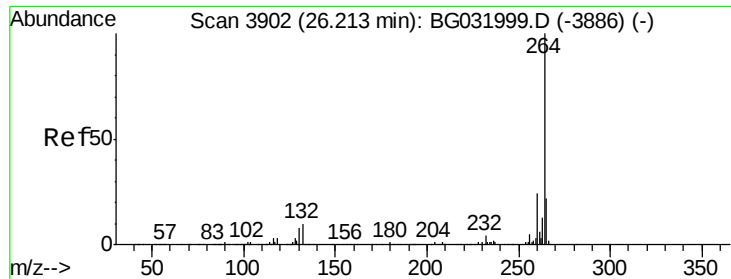
Tgt Ion:240 Resp: 407883
 Ion Ratio Lower Upper
 240 100
 120 5.1 6.8 10.2#
 236 24.1 20.9 31.3



#78
 Terphenyl-d14
 Concen: 93.626 ng
 RT: 20.66 min Scan# 2957
 Delta R.T. -0.01 min
 Lab File: BG032102.D
 Acq: 17 Jan 2018 11:42

Tgt Ion:244 Resp: 1729510
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 6.6 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.19 min Scan# 3897
Delta R.T. -0.03 min
Lab File: BG032102.D
Acq: 17 Jan 2018 11:42

Instrument :
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ClientSampleId :
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Tgt Ion: 264 Resp: 413170

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.3	17.7	26.5

