

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031437.D
 Acq On : 9 Dec 2017 2:51
 Operator : SJ/JU
 Sample : I6680-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-120617-B

Quant Time: Dec 09 05:45:54 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	52533	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	215425	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	139726	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	363282	20.00	ng	0.00
75) Chrysene-d12	21.76	240	424591	20.00	ng	0.00
86) Perylene-d12	25.06	264	400022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	382138	124.74	ng	0.00
7) Phenol-d6	7.29	99	462334	112.02	ng	0.00
23) Nitrobenzene-d5	9.29	82	345974	95.17	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	225207	99.64	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	919865	94.60	ng	0.00
78) Terphenyl-d14	20.08	244	1751757	91.10	ng	0.00

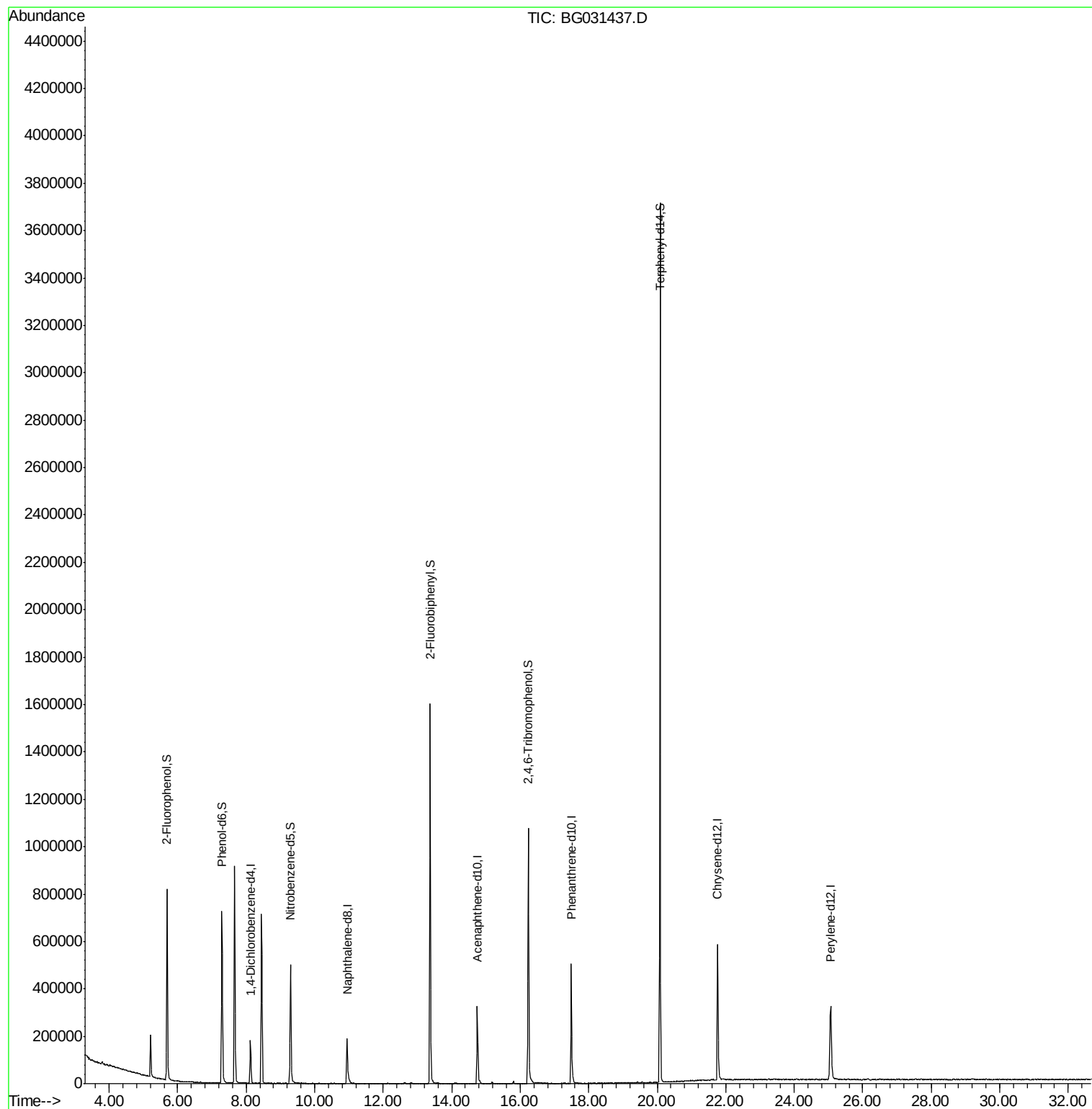
Target Compounds	Qvalue
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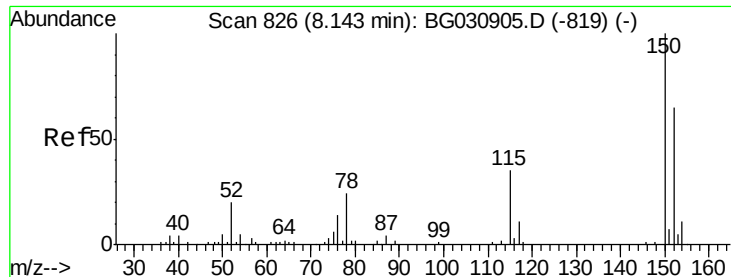
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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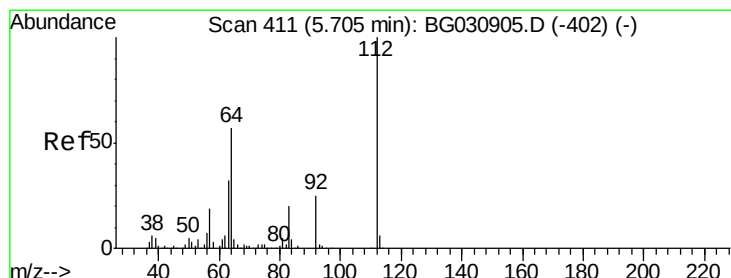
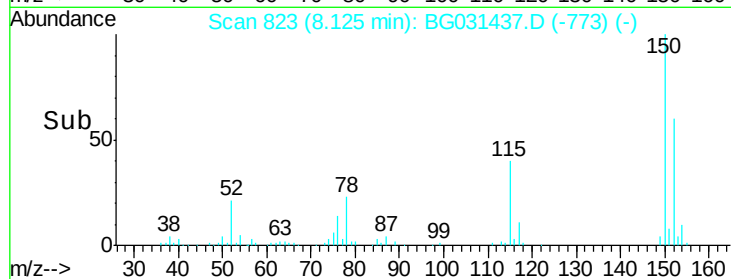
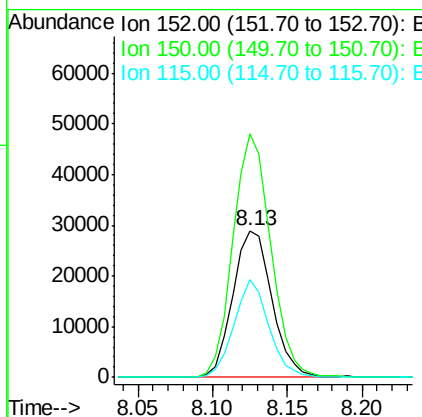
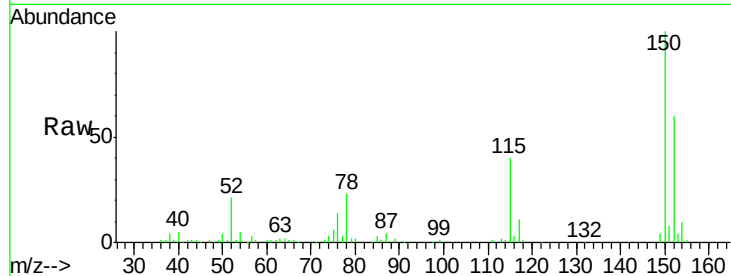


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031437.D
Acq: 9 Dec 2017 2:51

Instrument :
BNA_G
ClientSampleId :
CL-01-120617-B

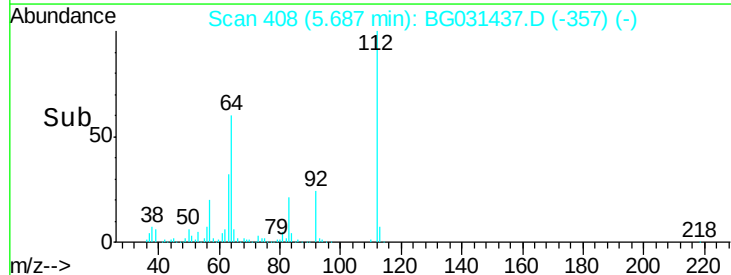
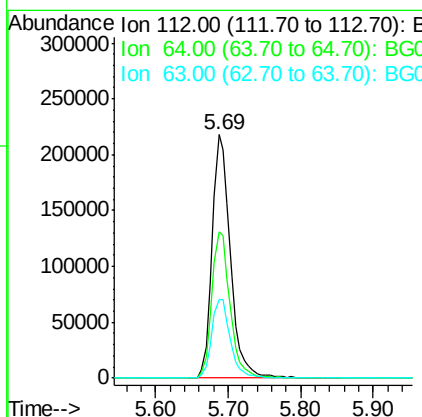
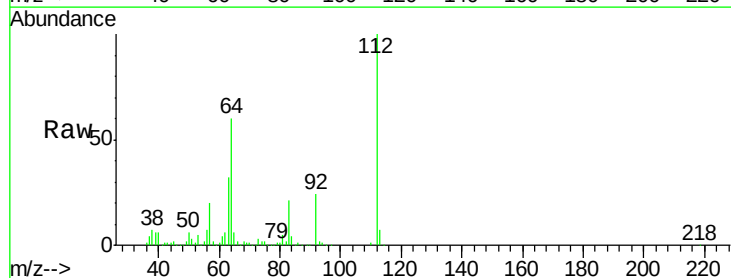
Tgt Ion:152 Resp: 52533
Ion Ratio Lower Upper
152 100
150 166.0 126.6 189.8
115 66.9 53.0 79.4

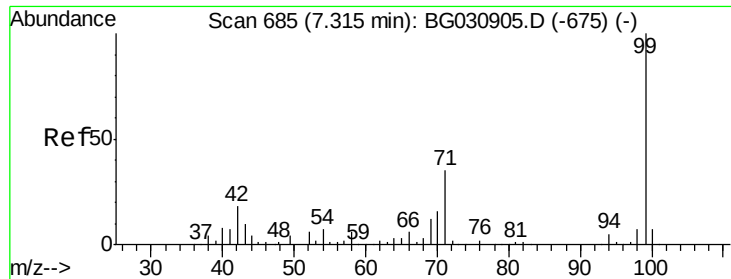


#5

2-Fluorophenol
Concen: 124.736 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031437.D
Acq: 9 Dec 2017 2:51

Tgt Ion:112 Resp: 382138
Ion Ratio Lower Upper
112 100
64 60.0 56.3 84.5
63 32.5 30.1 45.1





#7

Phenol-d6

Concen: 112.018 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031437.D

Acq: 9 Dec 2017 2:51

Instrument :

BNA_G

ClientSampleId :

CL-01-120617-B

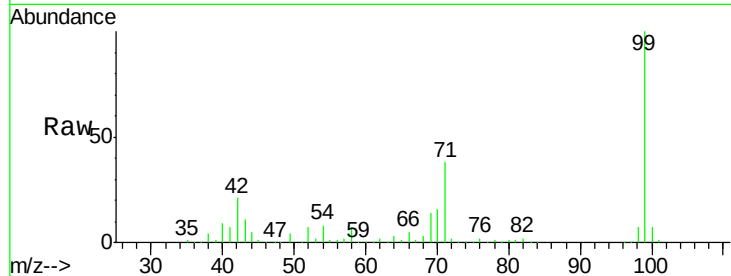
Tgt Ion: 99 Resp: 462334

Ion Ratio Lower Upper

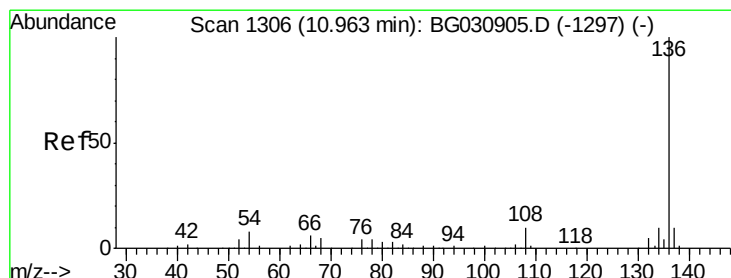
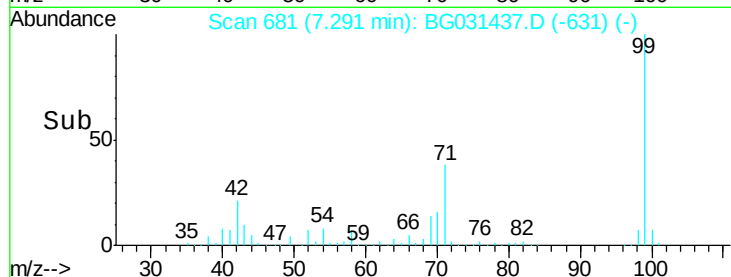
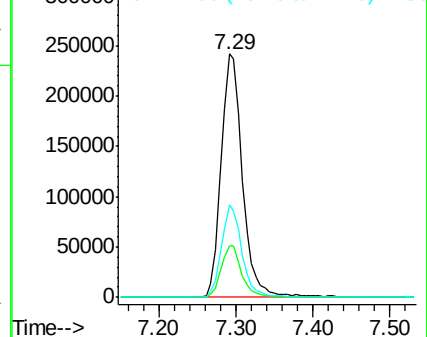
99 100

42 21.1 14.1 21.1

71 37.9 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: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031437.D

Acq: 9 Dec 2017 2:51

Tgt Ion: 136 Resp: 215425

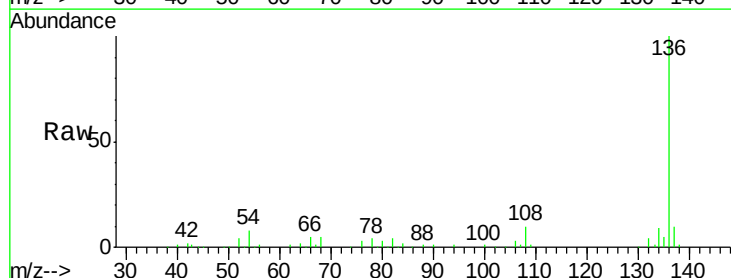
Ion Ratio Lower Upper

136 100

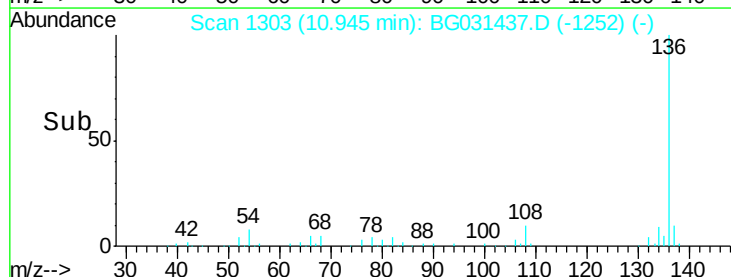
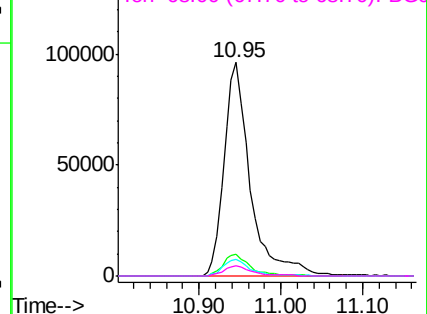
137 10.1 9.2 13.8

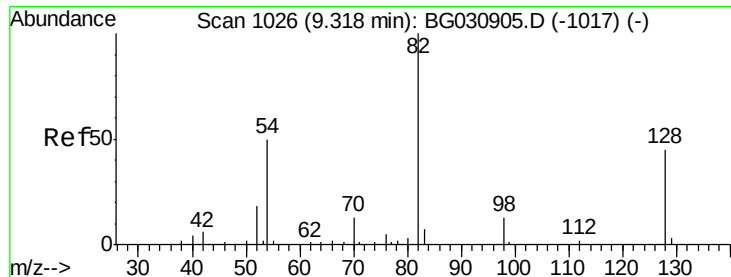
54 7.9 10.3 15.5#

68 5.0 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

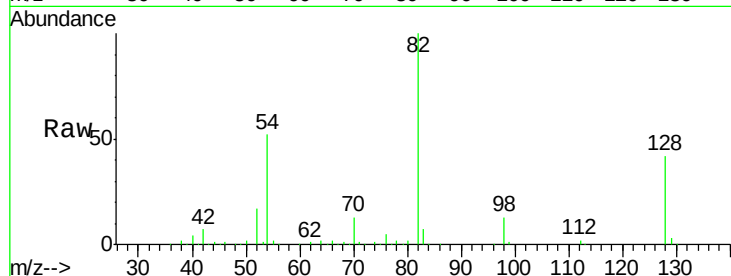




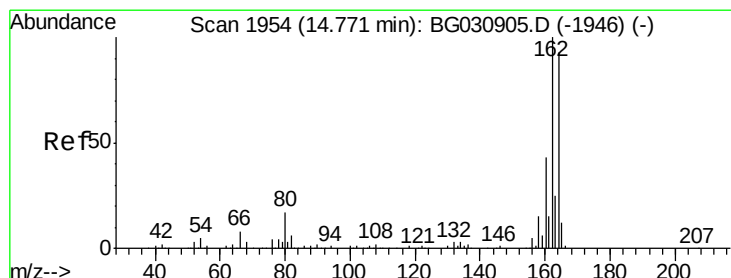
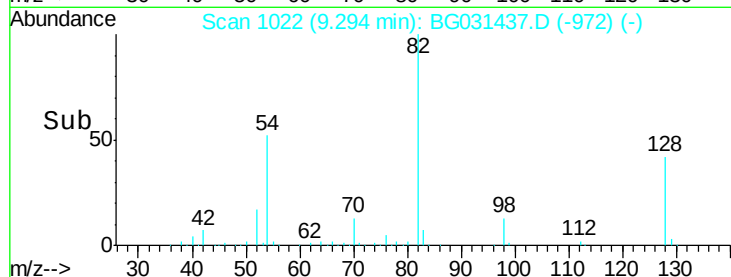
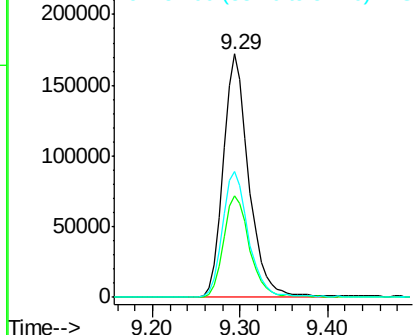
#23
 Nitrobenzene-d5
 Concen: 95.166 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG031437.D
 Acq: 9 Dec 2017 2:51

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-120617-B

Tgt Ion: 82 Resp: 345974
 Ion Ratio Lower Upper
 82 100
 128 41.6 29.7 44.5
 54 51.9 43.1 64.7

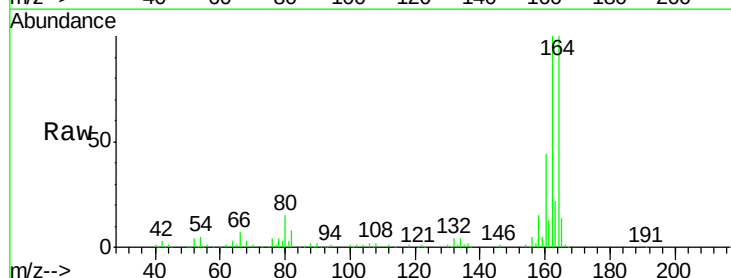


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

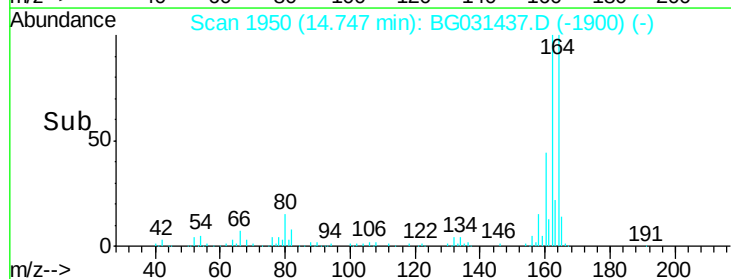
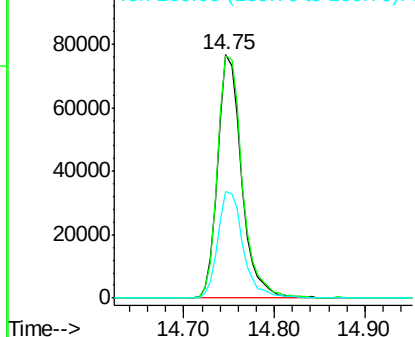


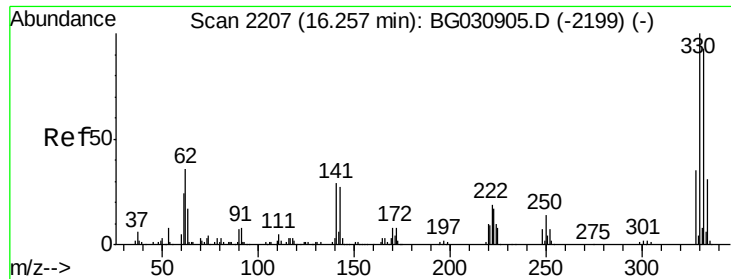
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: BG031437.D
 Acq: 9 Dec 2017 2:51

Tgt Ion: 164 Resp: 139726
 Ion Ratio Lower Upper
 164 100
 162 99.6 78.8 118.2
 160 43.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

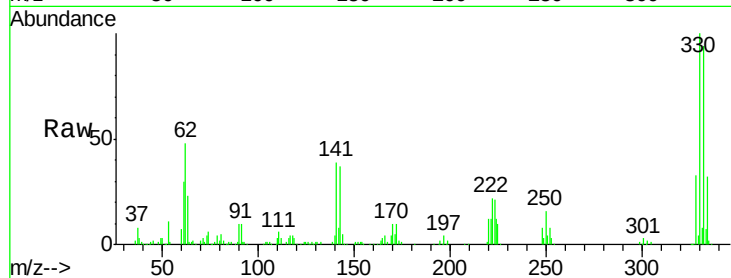




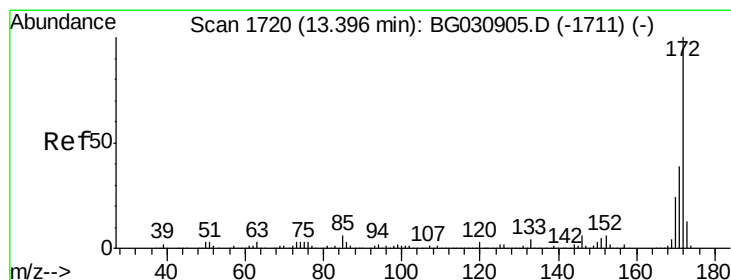
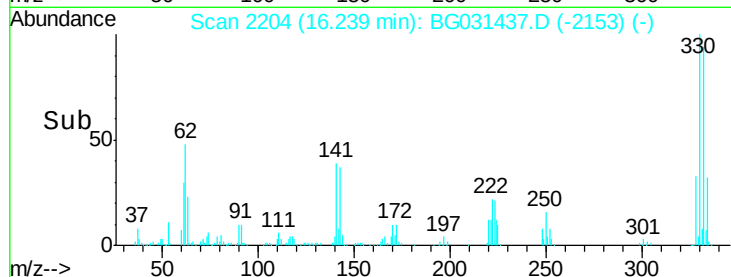
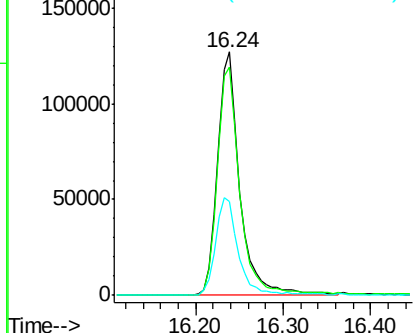
#41
 2,4,6-Tribromophenol
 Concen: 99.635 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031437.D
 Acq: 9 Dec 2017 2:51

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-120617-B

Tgt Ion:330 Resp: 225207
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 40.7 25.2 37.8#

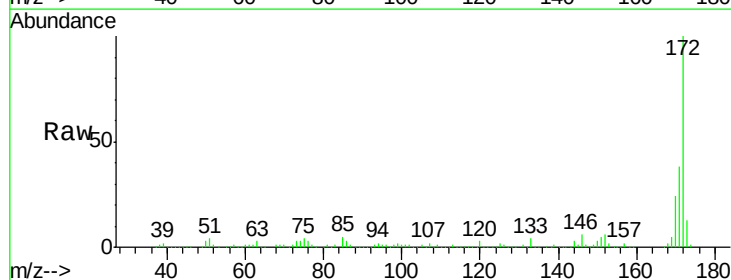


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

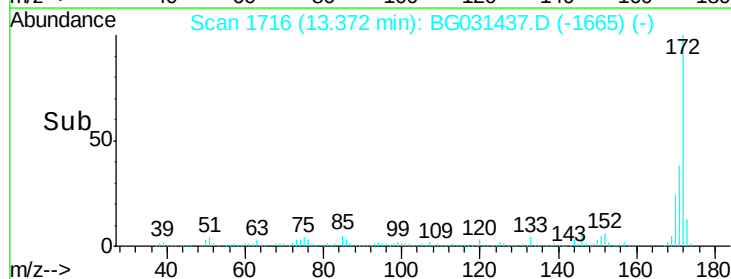
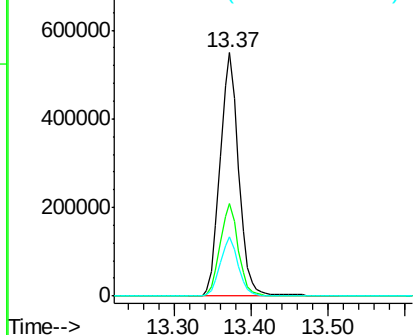


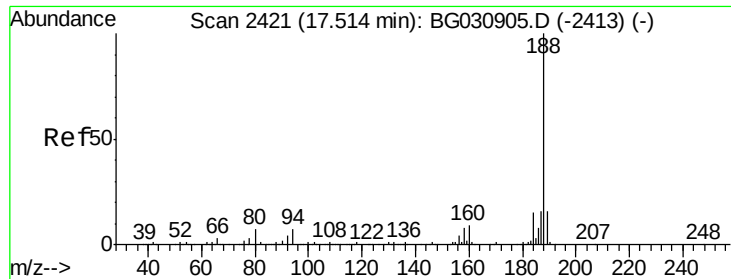
#44
 2-Fluorobiphenyl
 Concen: 94.595 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031437.D
 Acq: 9 Dec 2017 2:51

Tgt Ion:172 Resp: 919865
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 24.5 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG031437.D

Acq: 9 Dec 2017 2:51

Instrument :

BNA_G

ClientSampleId :

CL-01-120617-B

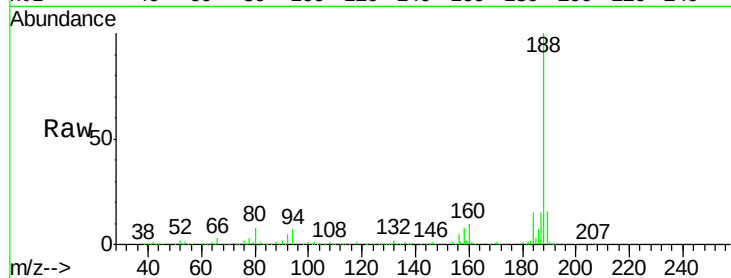
Tgt Ion:188 Resp: 363282

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

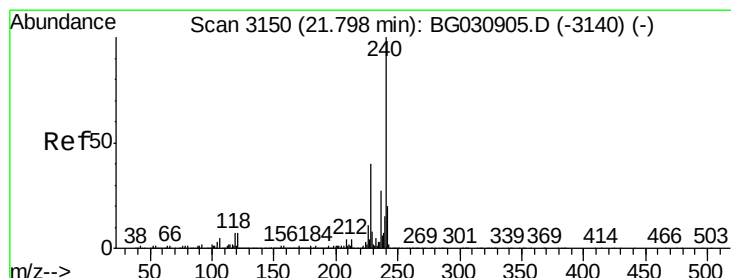
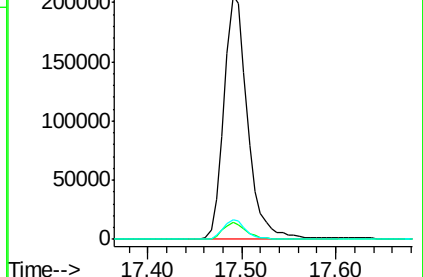
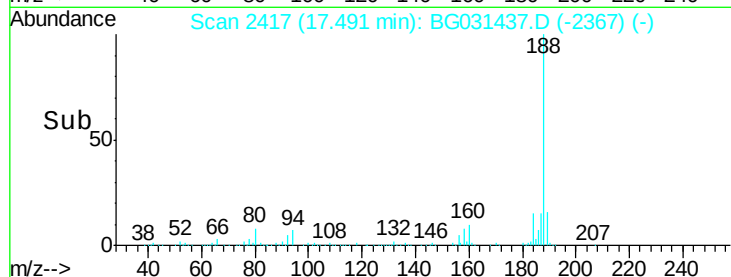
80 8.1 7.7 11.5



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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG031437.D

Acq: 9 Dec 2017 2:51

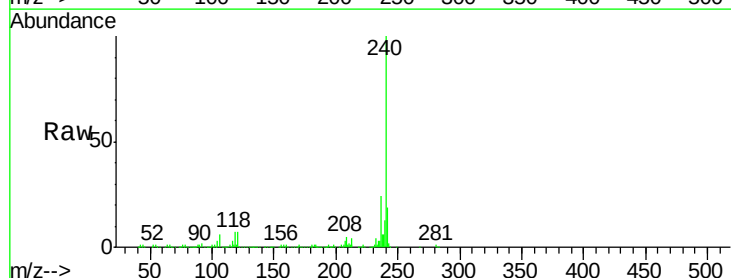
Tgt Ion:240 Resp: 424591

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

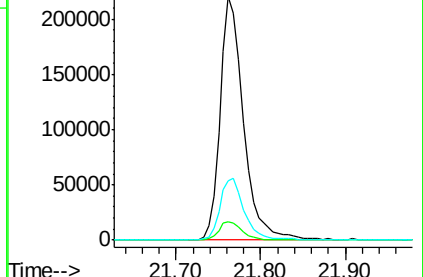
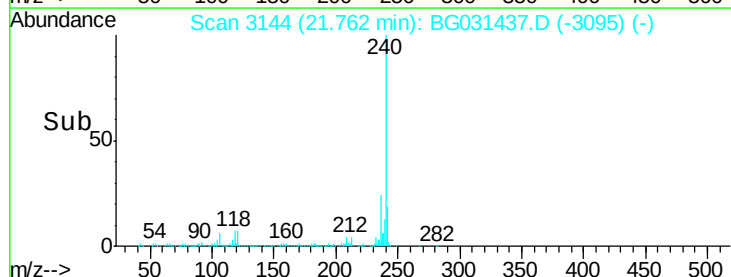
236 24.2 20.9 31.3

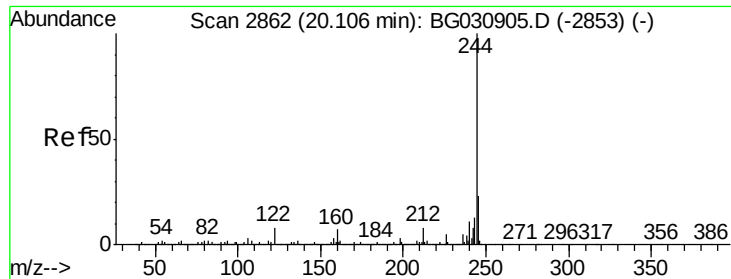


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.100 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031437.D

Acq: 9 Dec 2017 2:51

Instrument :

BNA_G

ClientSampleId :

CL-01-120617-B

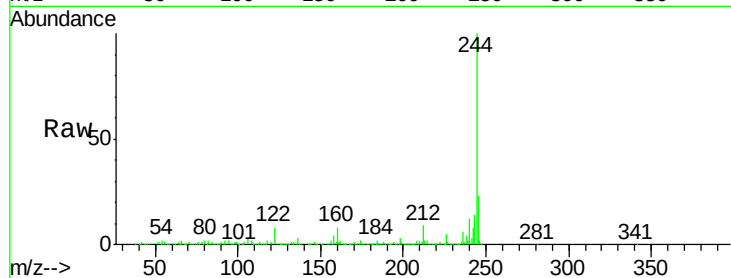
Tgt Ion:244 Resp: 1751757

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

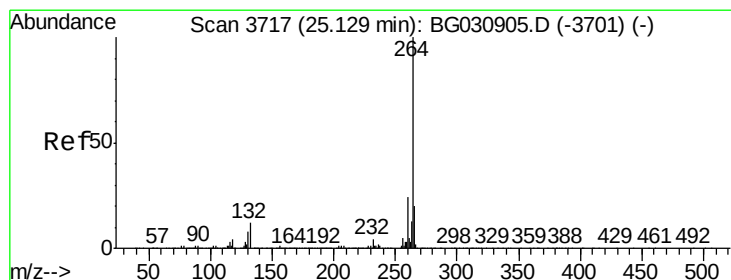
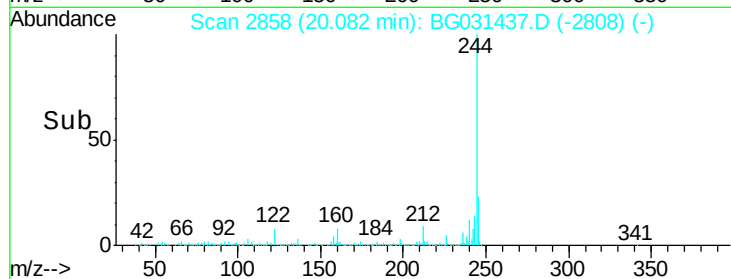
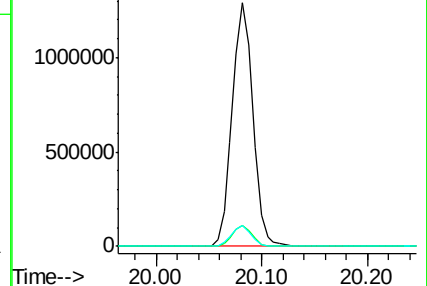
122 8.4 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG031437.D

Acq: 9 Dec 2017 2:51

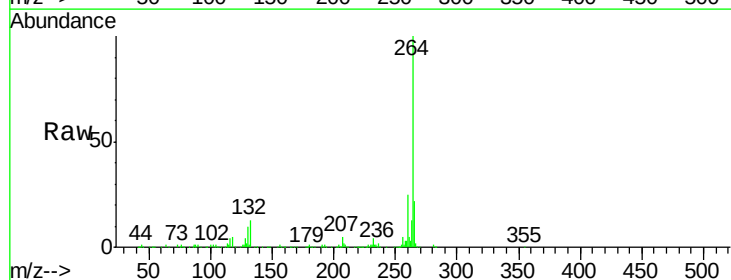
Tgt Ion:264 Resp: 400022

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.8 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

