

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032281.D
 Acq On : 25 Jan 2018 4:32
 Operator : SJ/JU
 Sample : J1015-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-012218-D

Quant Time: Jan 25 07:48:18 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

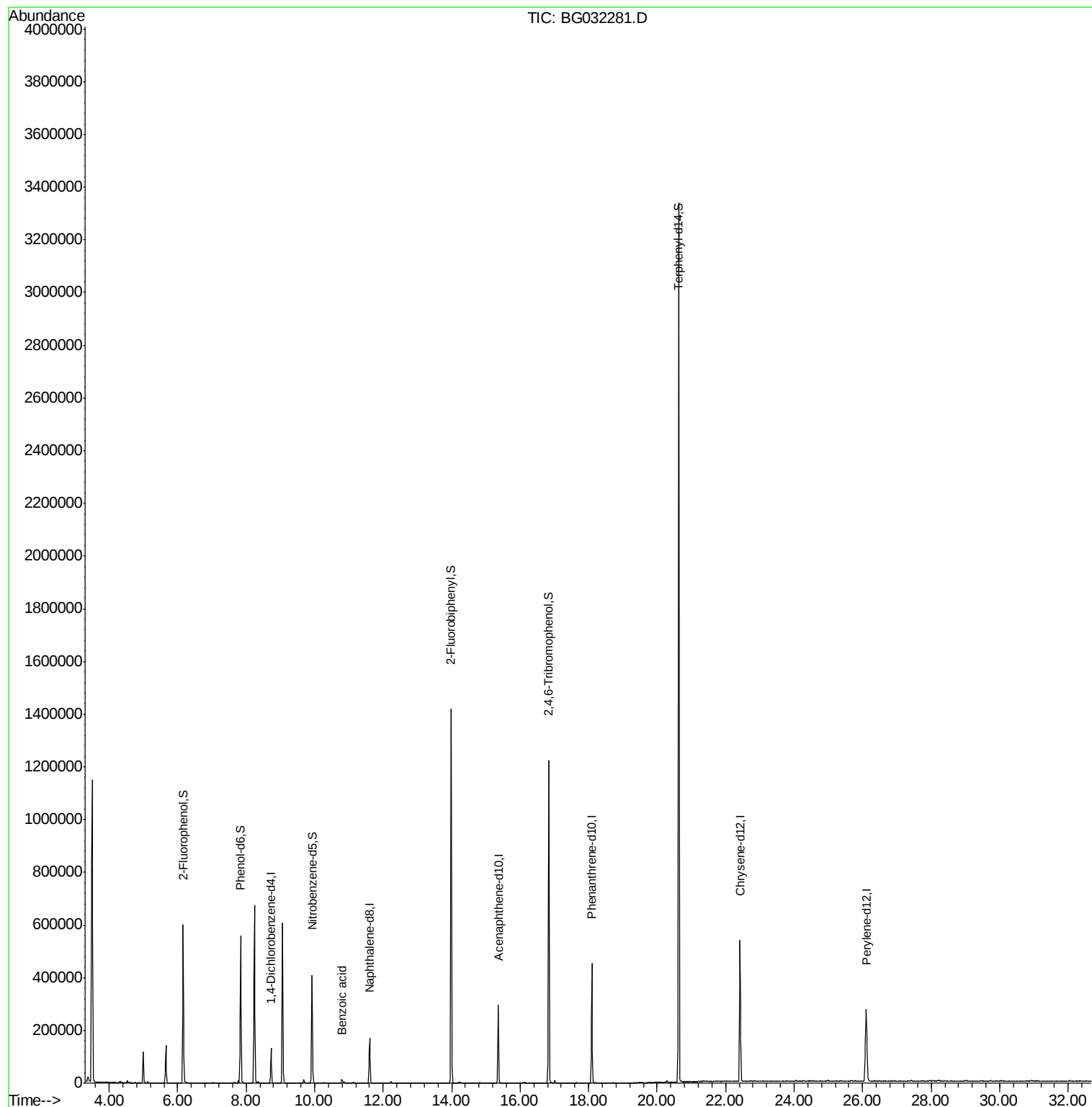
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	44170	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	165793	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	109087	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	303894	20.00	ng	0.00
75) Chrysene-d12	22.42	240	405158	20.00	ng	0.00
86) Perylene-d12	26.10	264	365471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	299488	124.01	ng	0.00
7) Phenol-d6	7.84	99	340652	112.00	ng	0.00
23) Nitrobenzene-d5	9.92	82	255718	104.35	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	270314	149.75	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	857841	97.51	ng	0.00
78) Terphenyl-d14	20.63	244	1792751	97.70	ng	0.00
Target Compounds						
32) Benzoic acid	10.80	122	6910	8.593	ng	Qvalue 93

(#) = 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# 924

Delta R.T. -0.00 min

Lab File: BG032281.D

Acq: 25 Jan 2018 4:32

Instrument :

BNA_G

ClientSampleId :

CL-01-012218-D

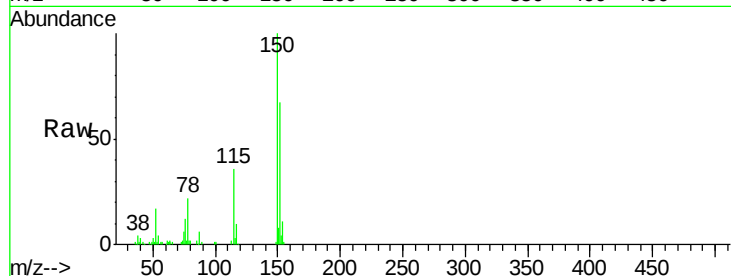
Tgt Ion:152 Resp: 44170

Ion Ratio Lower Upper

152 100

150 149.2 126.6 189.8

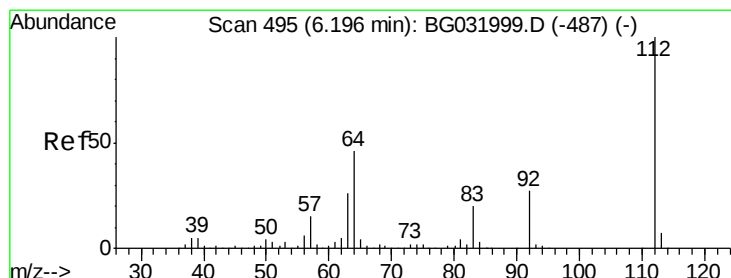
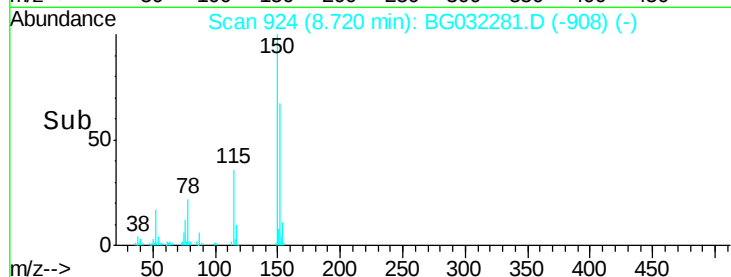
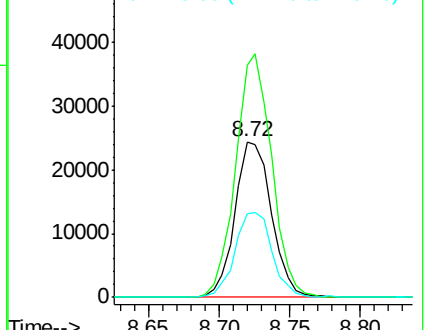
115 54.1 53.0 79.4



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



#5

2-Fluorophenol

Concen: 124.008 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032281.D

Acq: 25 Jan 2018 4:32

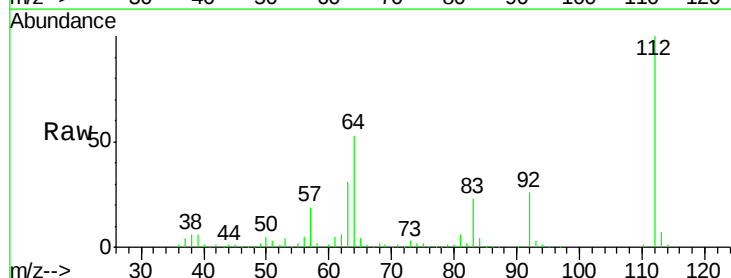
Tgt Ion:112 Resp: 299488

Ion Ratio Lower Upper

112 100

64 52.8 56.3 84.5#

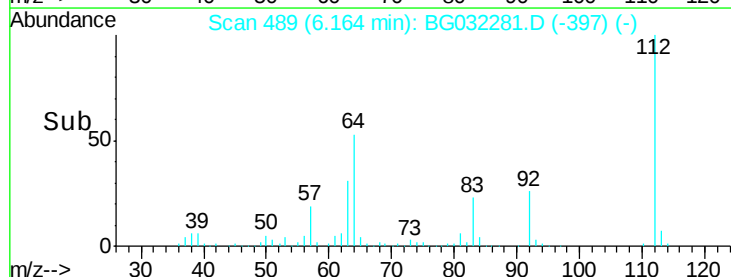
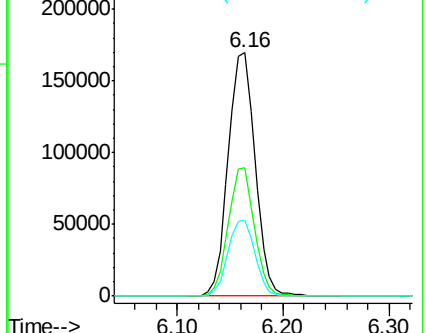
63 31.1 30.1 45.1

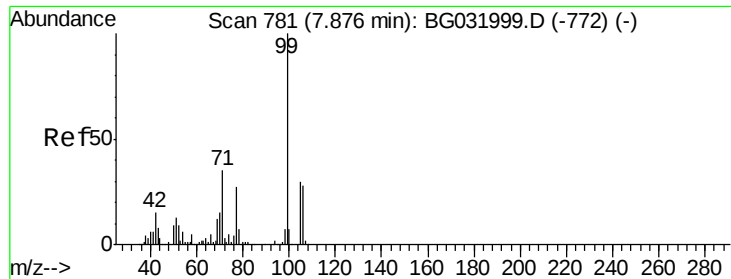


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.997 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032281.D

Acq: 25 Jan 2018 4:32

Instrument :

BNA_G

ClientSampleId :

CL-01-012218-D

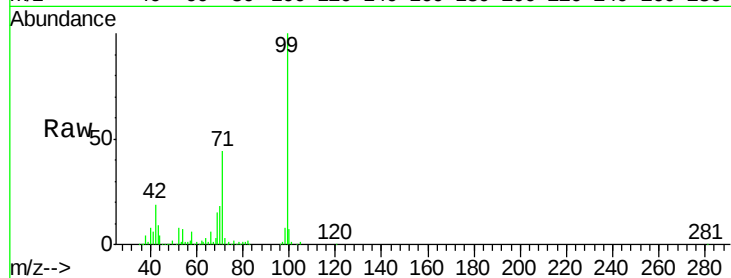
Tgt Ion: 99 Resp: 340652

Ion Ratio Lower Upper

99 100

42 18.6 14.1 21.1

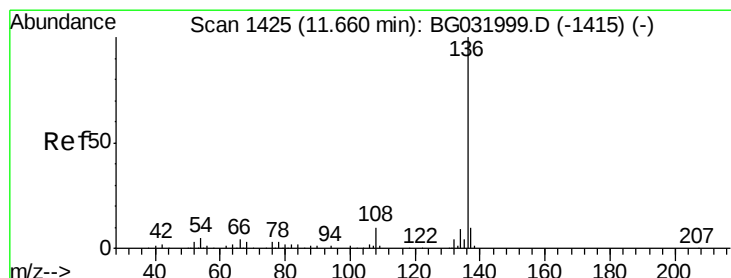
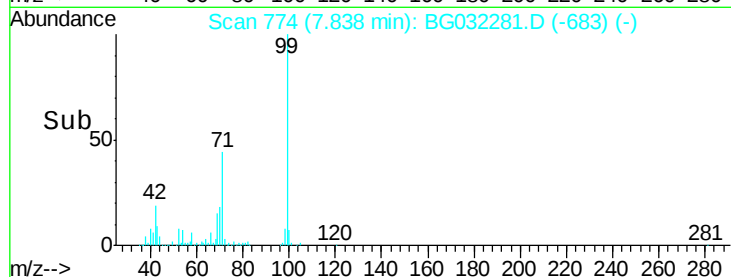
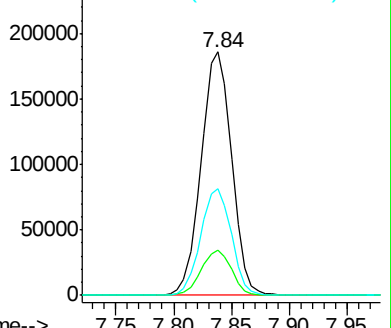
71 44.0 26.1 39.1#



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: 11.60 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BG032281.D

Acq: 25 Jan 2018 4:32

Tgt Ion: 136 Resp: 165793

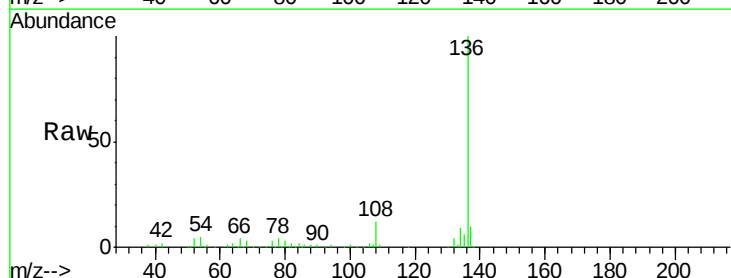
Ion Ratio Lower Upper

136 100

137 9.7 9.2 13.8

54 4.8 10.3 15.5#

68 2.8 4.5 6.7#

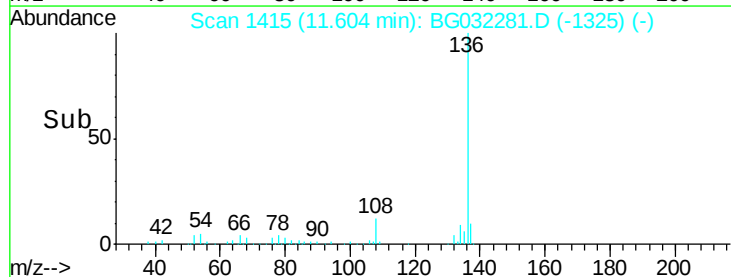
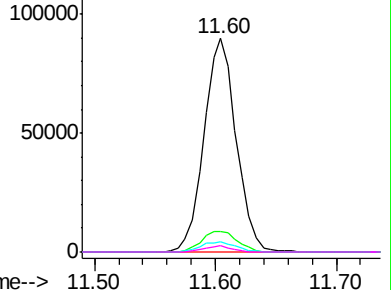


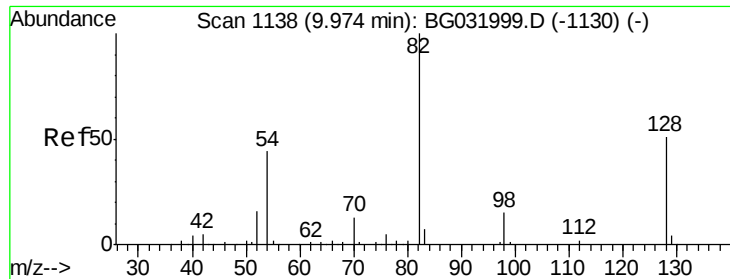
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

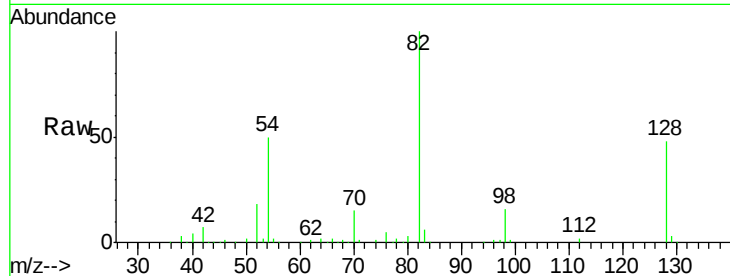




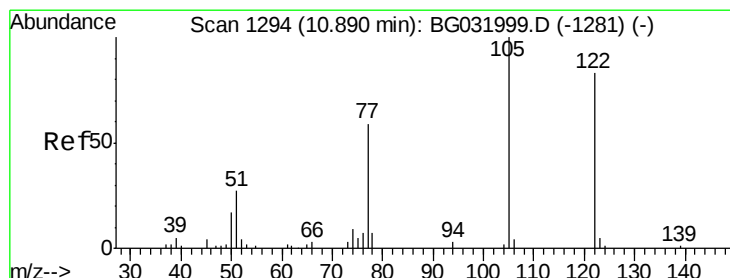
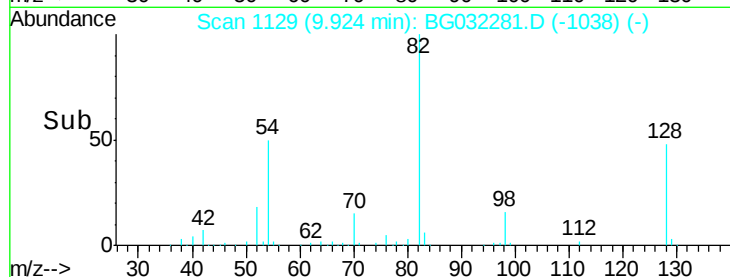
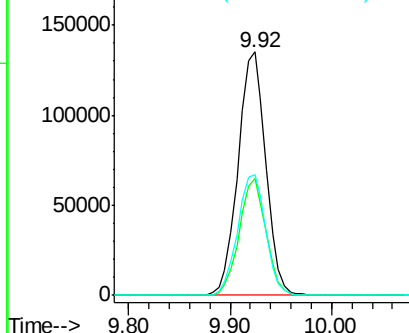
#23
Nitrobenzene-d5
Concen: 104.349 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-D

Tgt Ion: 82 Resp: 255718
Ion Ratio Lower Upper
82 100
128 48.1 29.7 44.5#
54 49.8 43.1 64.7

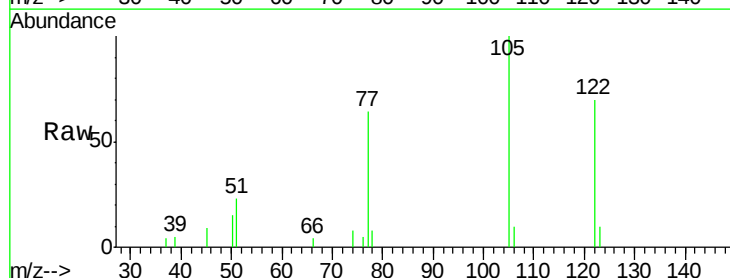


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

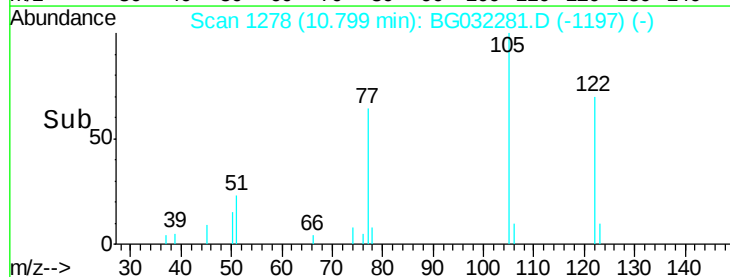
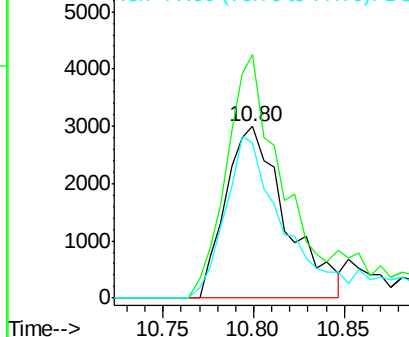


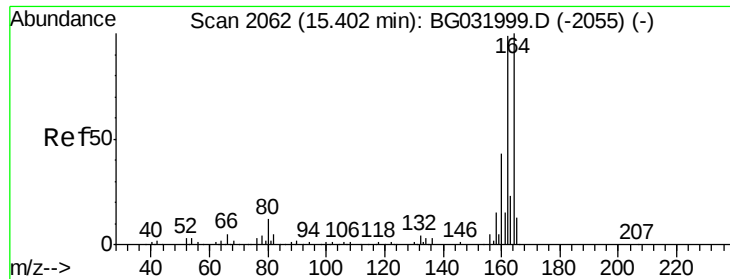
#32
Benzoic acid
Concen: 8.593 ng
RT: 10.80 min Scan# 1278
Delta R.T. -0.06 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Tgt Ion: 122 Resp: 6910
Ion Ratio Lower Upper
122 100
105 142.1 123.5 163.5
77 90.5 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG032281.D

Acq: 25 Jan 2018 4:32

Instrument :

BNA_G

ClientSampleId :

CL-01-012218-D

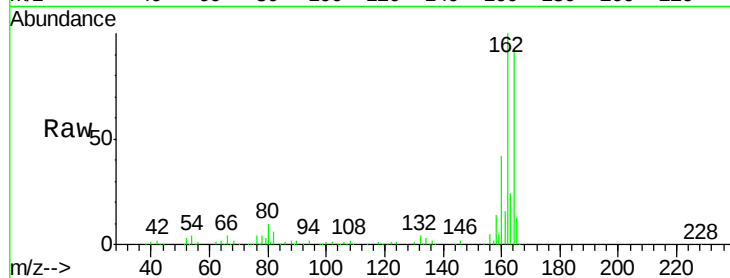
Tgt Ion:164 Resp: 109087

Ion Ratio Lower Upper

164 100

162 108.4 78.8 118.2

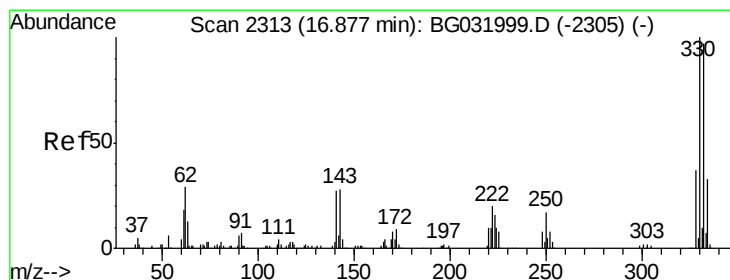
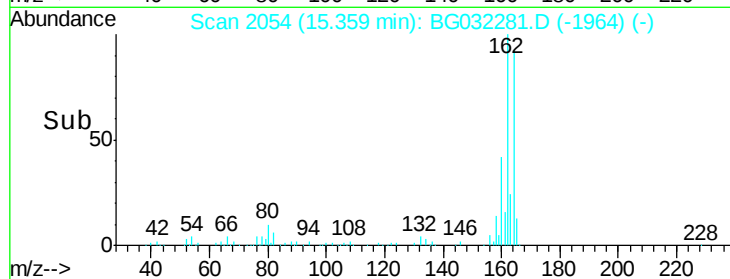
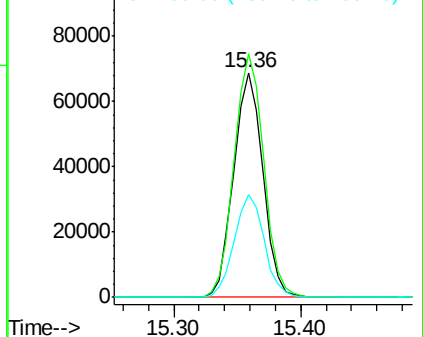
160 45.8 35.4 53.0



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: 149.747 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG032281.D

Acq: 25 Jan 2018 4:32

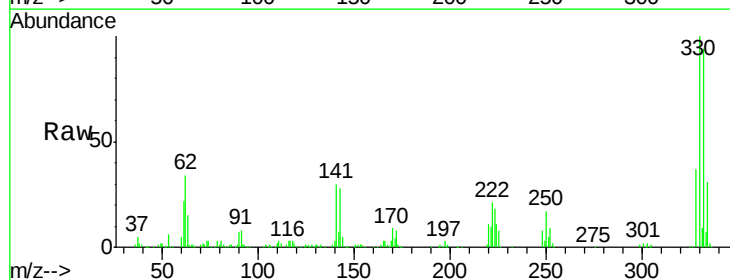
Tgt Ion:330 Resp: 270314

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

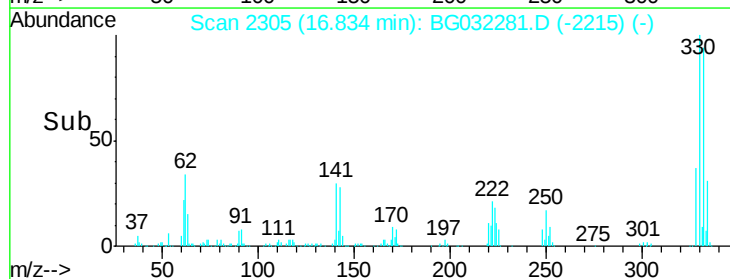
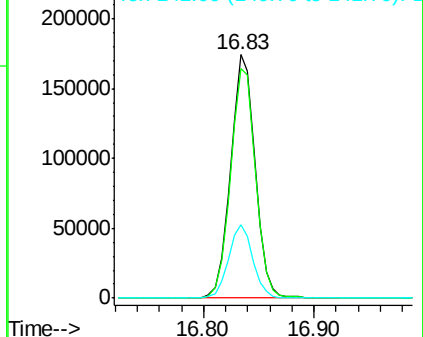
141 30.0 25.2 37.8

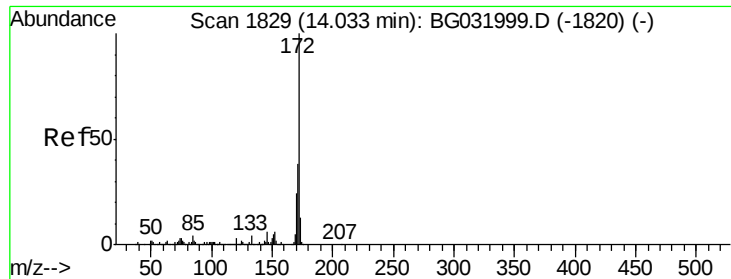


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 97.508 ng

RT: 13.99 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BG032281.D

Acq: 25 Jan 2018 4:32

Instrument :

BNA_G

ClientSampleId :

CL-01-012218-D

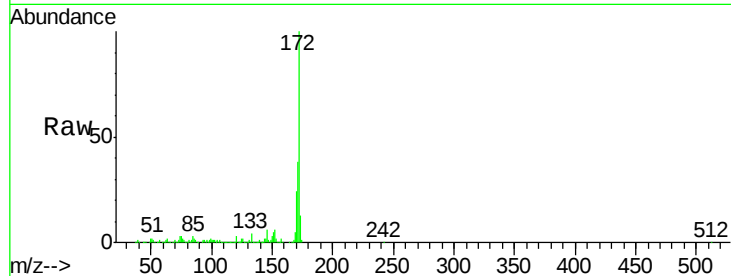
Tgt Ion:172 Resp: 857841

Ion Ratio Lower Upper

172 100

171 37.7 30.0 45.0

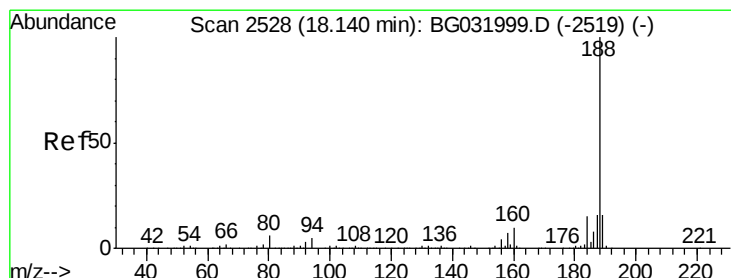
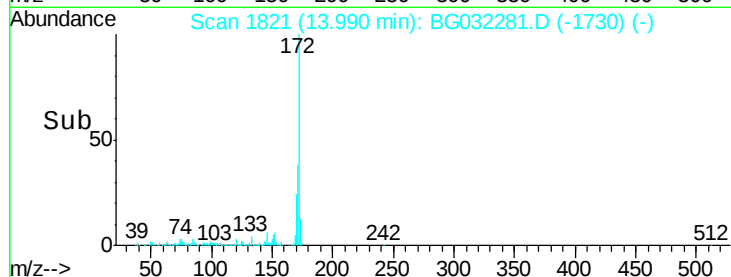
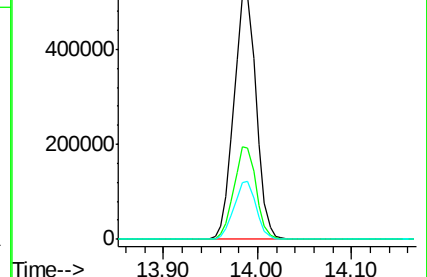
170 23.6 19.5 29.3



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: 18.09 min Scan# 2519

Delta R.T. -0.00 min

Lab File: BG032281.D

Acq: 25 Jan 2018 4:32

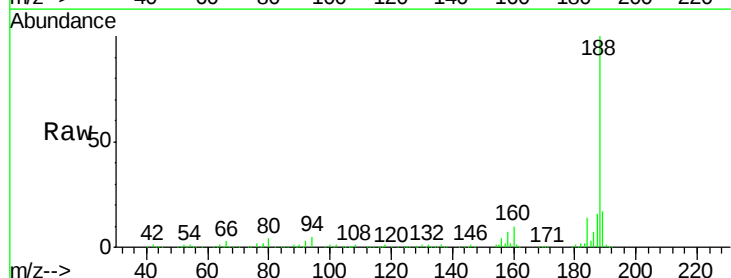
Tgt Ion:188 Resp: 303894

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

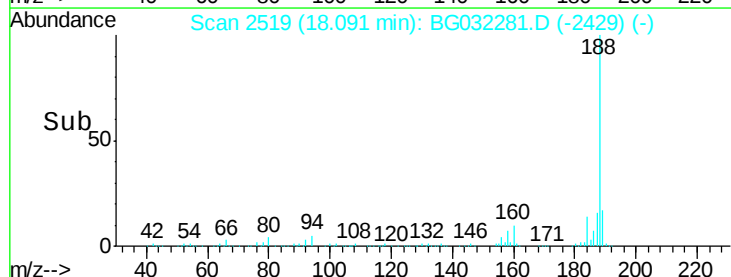
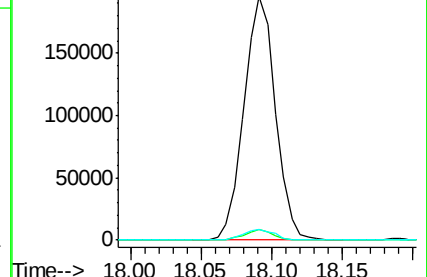
80 4.4 7.7 11.5#

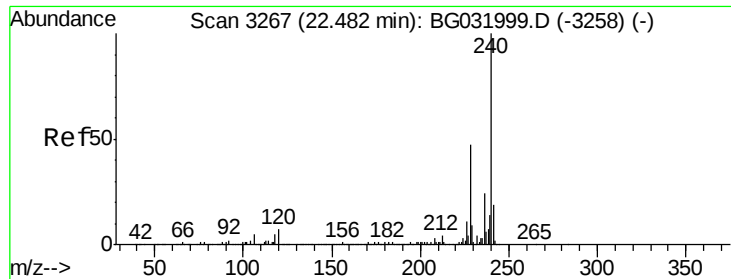


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG032281.D

Acq: 25 Jan 2018 4:32

Instrument :

BNA_G

ClientSampleId :

CL-01-012218-D

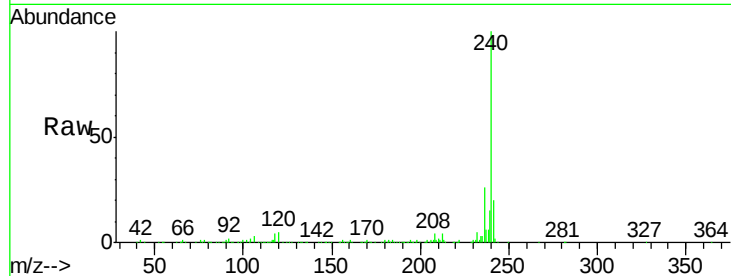
Tgt Ion:240 Resp: 405158

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

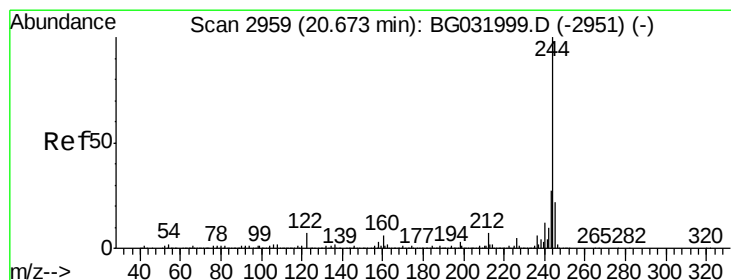
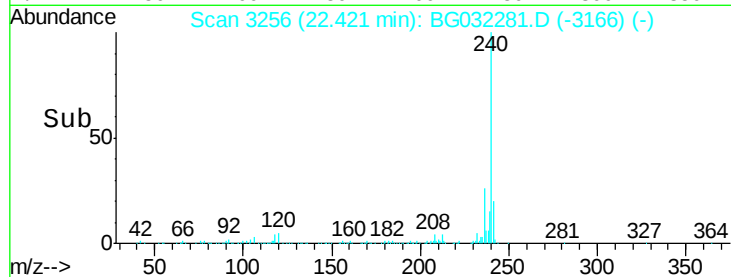
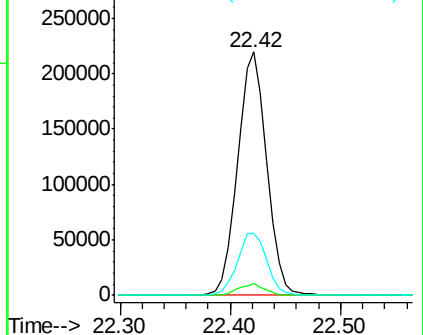
236 25.6 20.9 31.3



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: 97.702 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG032281.D

Acq: 25 Jan 2018 4:32

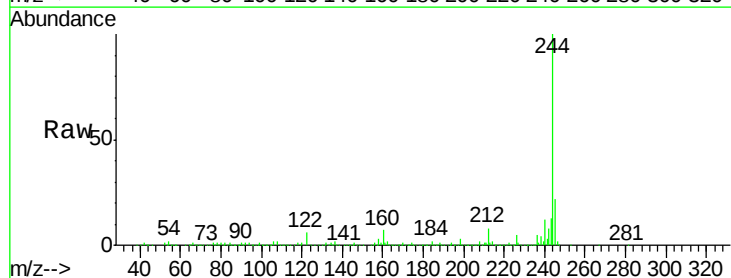
Tgt Ion:244 Resp: 1792751

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

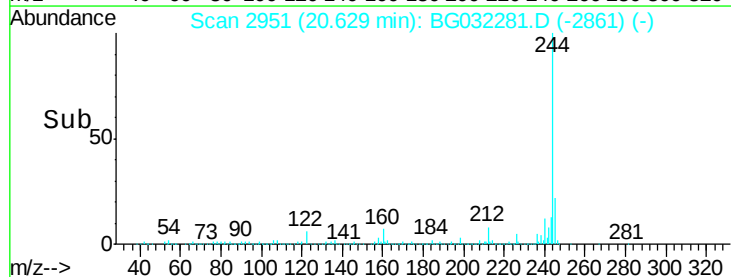
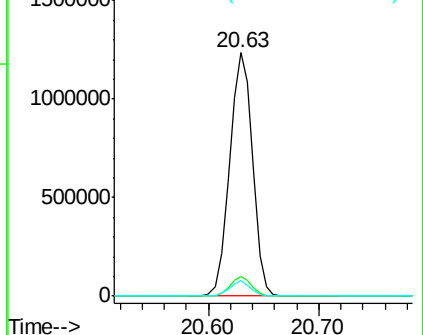
122 6.2 7.0 10.4#

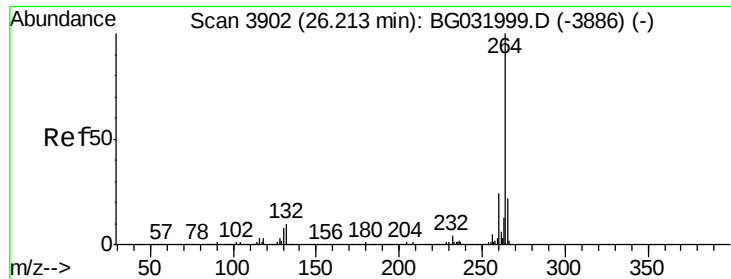


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3882
Delta R.T. -0.01 min
Lab File: BG032281.D
Acq: 25 Jan 2018 4:32

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-D

Tgt Ion: 264 Resp: 365471

Ion	Ratio	Lower	Upper
264	100		
260	20.9	17.4	26.0
265	20.0	17.7	26.5

