

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032283.D
 Acq On : 25 Jan 2018 5:47
 Operator : SJ/JU
 Sample : J1022-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-012218

Quant Time: Jan 25 07:52:18 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	42321	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	159903	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	112892	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	315421	20.00	ng	0.00
75) Chrysene-d12	22.42	240	407703	20.00	ng	0.00
86) Perylene-d12	26.10	264	419039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	311036	134.42	ng	0.00
7) Phenol-d6	7.84	99	353250	121.21	ng	0.00
23) Nitrobenzene-d5	9.92	82	257567	108.98	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	305548	163.56	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	871491	95.72	ng	0.00
78) Terphenyl-d14	20.63	244	1839291	99.61	ng	0.00

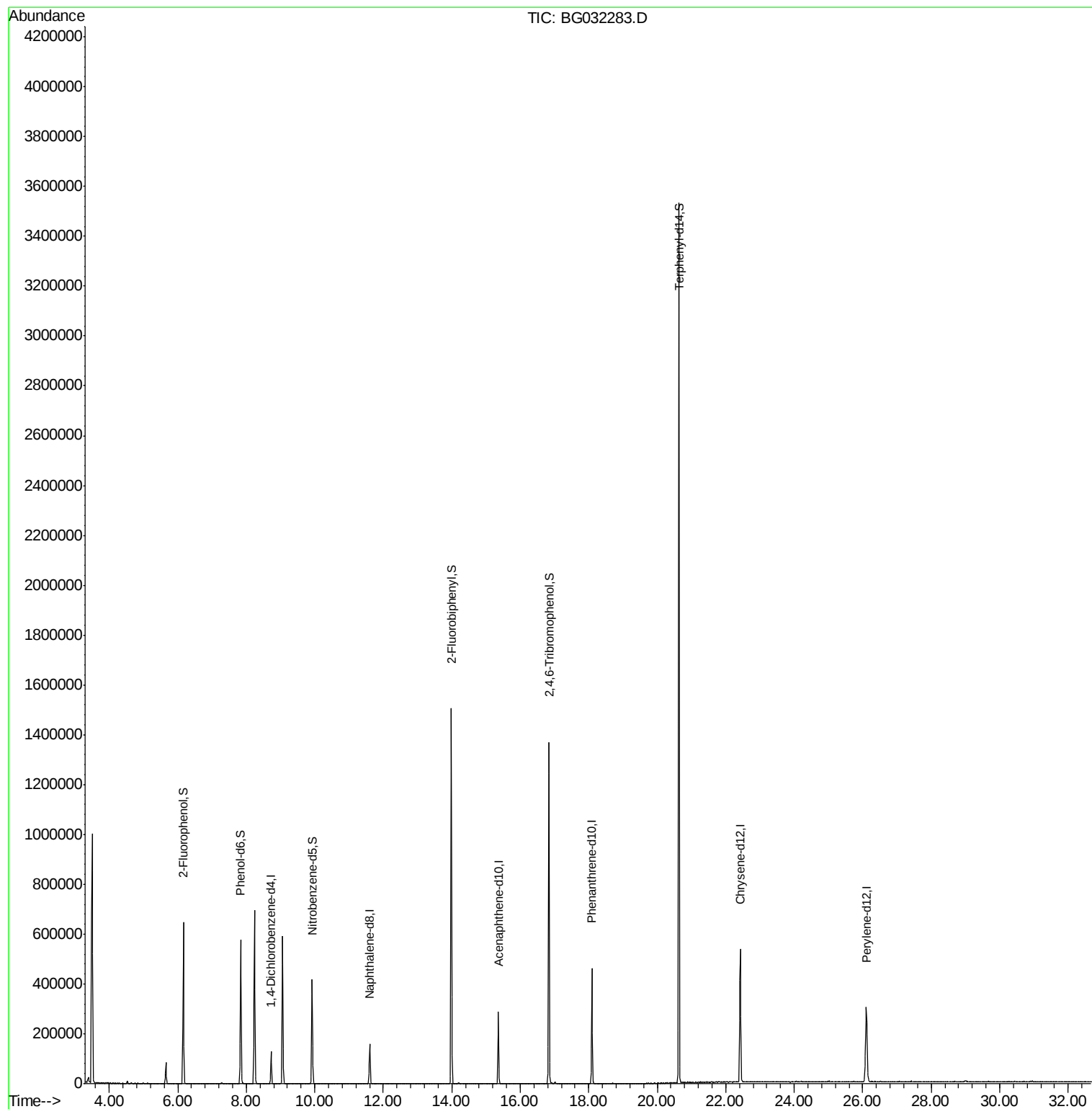
Target Compounds	Qvalue
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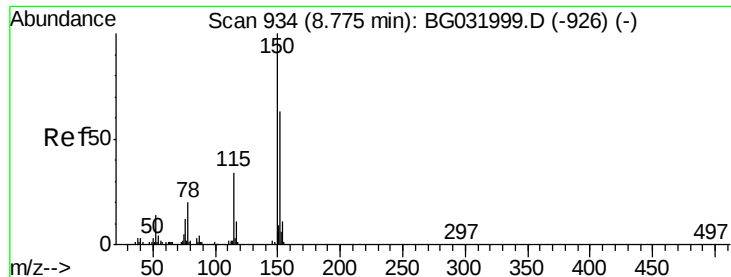
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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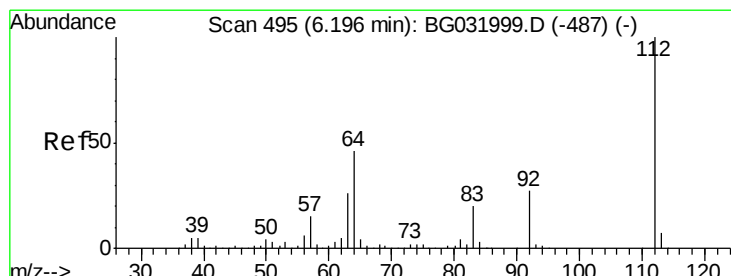
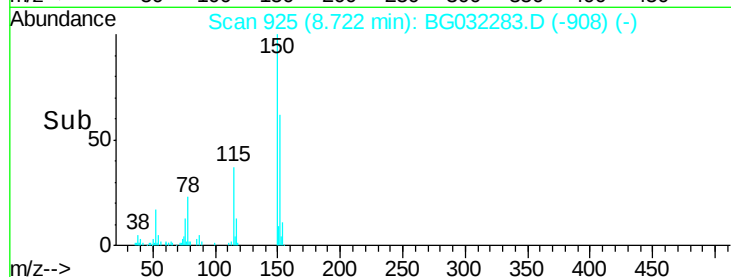
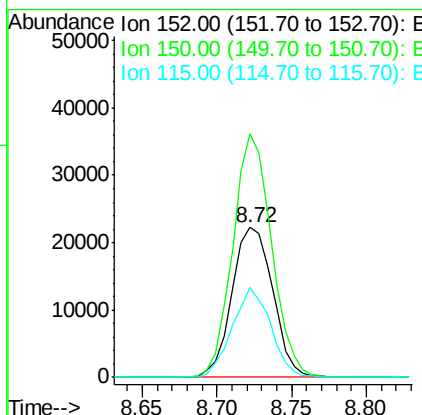
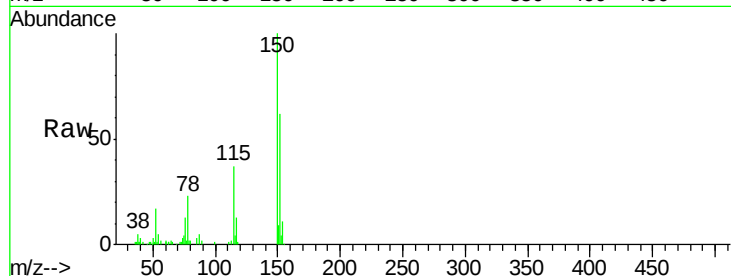


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032283.D
Acq: 25 Jan 2018 5:47

Instrument :
BNA_G
ClientSampleId :
SU-04-012218

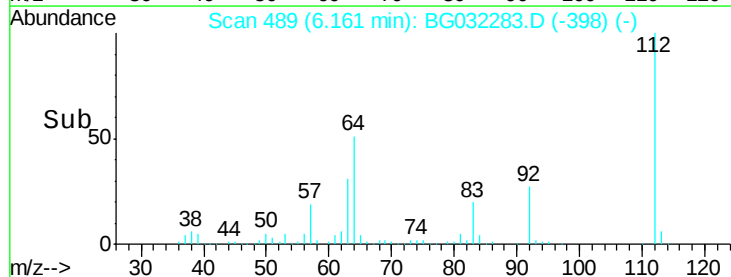
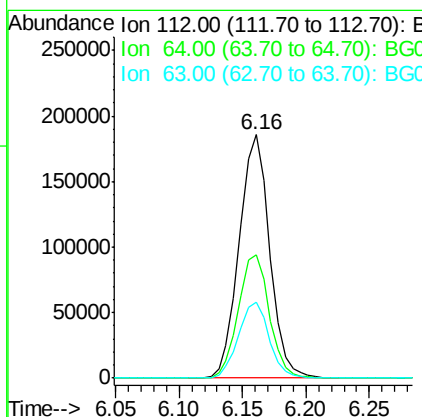
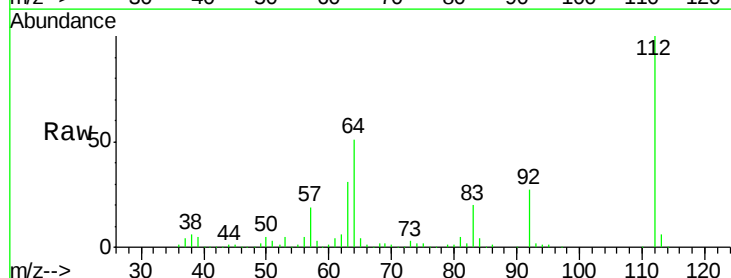
Tgt Ion:152 Resp: 42321
Ion Ratio Lower Upper
152 100
150 162.4 126.6 189.8
115 60.4 53.0 79.4

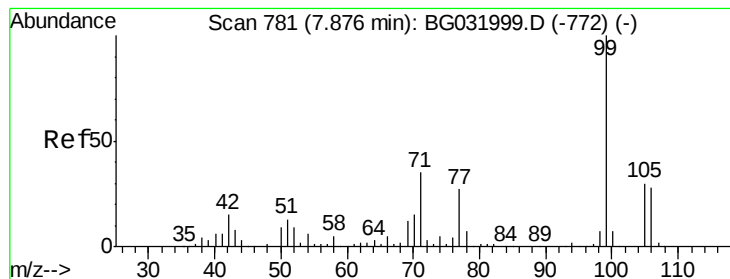


#5

2-Fluorophenol
Concen: 134.416 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.00 min
Lab File: BG032283.D
Acq: 25 Jan 2018 5:47

Tgt Ion:112 Resp: 311036
Ion Ratio Lower Upper
112 100
64 50.5 56.3 84.5#
63 31.4 30.1 45.1





#7

Phenol-d6

Concen: 121.213 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032283.D

Acq: 25 Jan 2018 5:47

Instrument :

BNA_G

ClientSampleId :

SU-04-012218

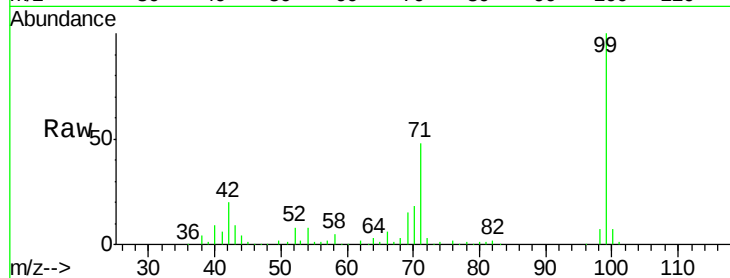
Tgt Ion: 99 Resp: 353250

Ion Ratio Lower Upper

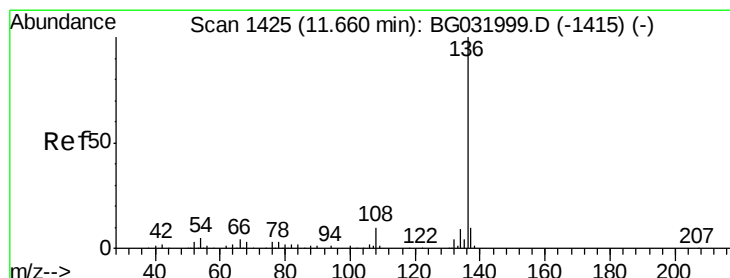
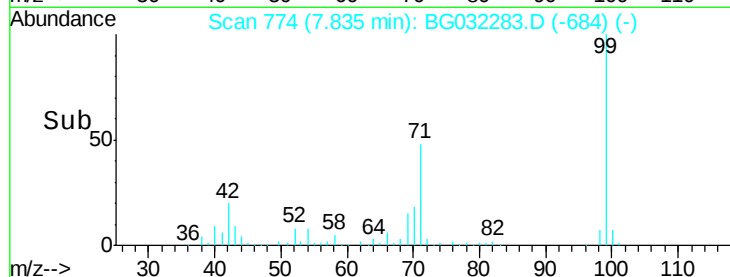
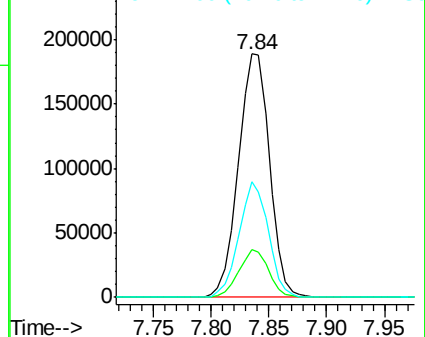
99 100

42 19.8 14.1 21.1

71 47.7 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: 11.61 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BG032283.D

Acq: 25 Jan 2018 5:47

Tgt Ion: 136 Resp: 159903

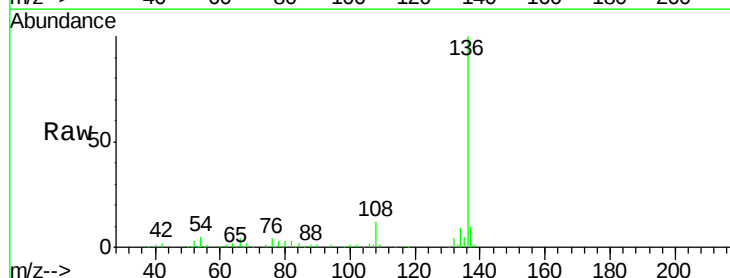
Ion Ratio Lower Upper

136 100

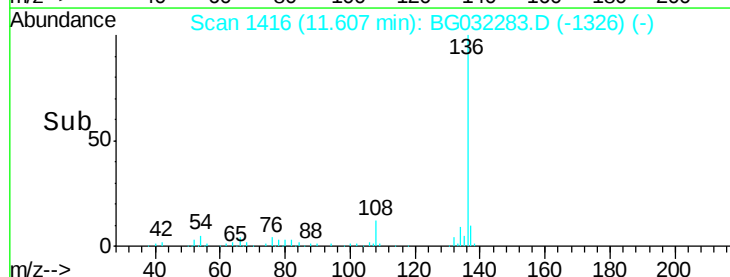
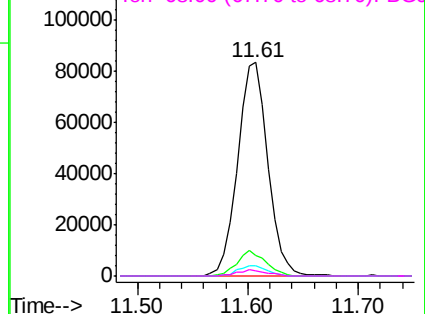
137 9.7 9.2 13.8

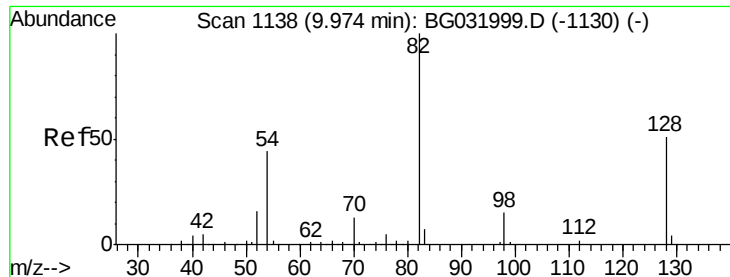
54 5.1 10.3 15.5#

68 2.3 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

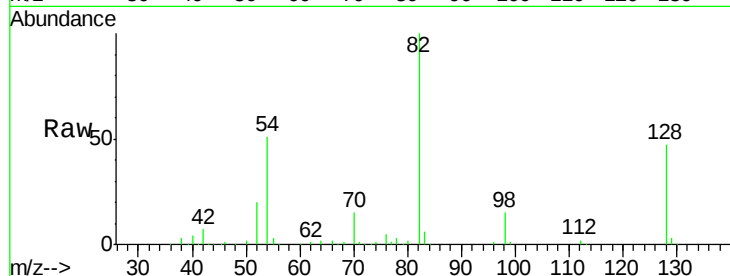




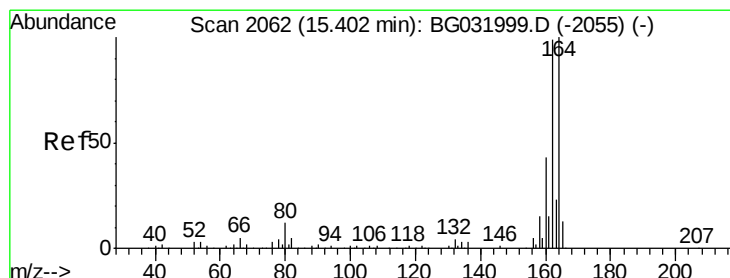
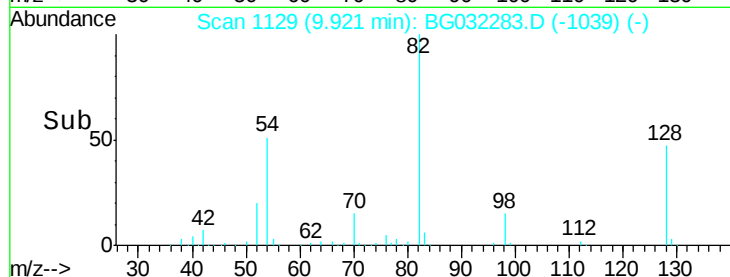
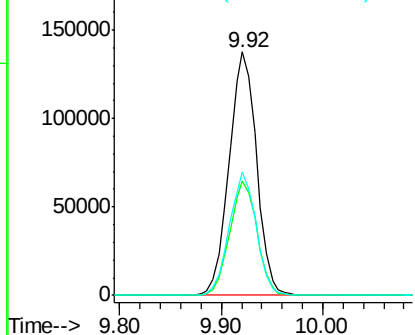
#23
 Nitrobenzene-d5
 Concen: 108.975 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG032283.D
 Acq: 25 Jan 2018 5:47

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-012218

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	29.7	44.5#
54	50.5	43.1	64.7

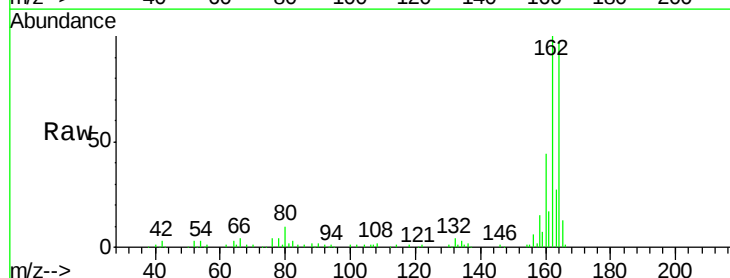


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

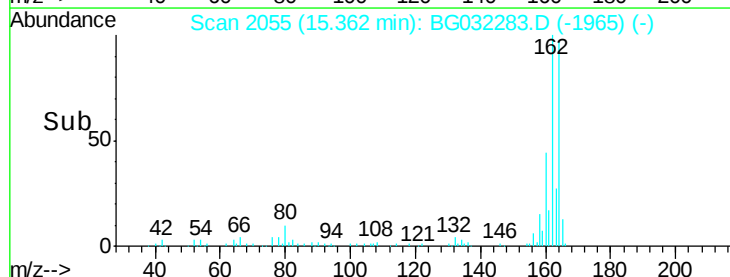
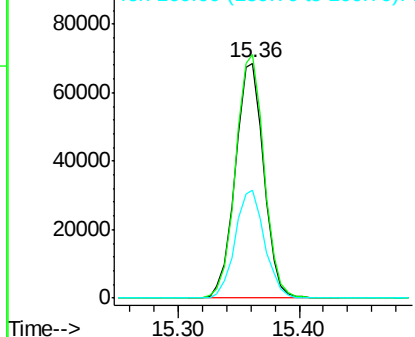


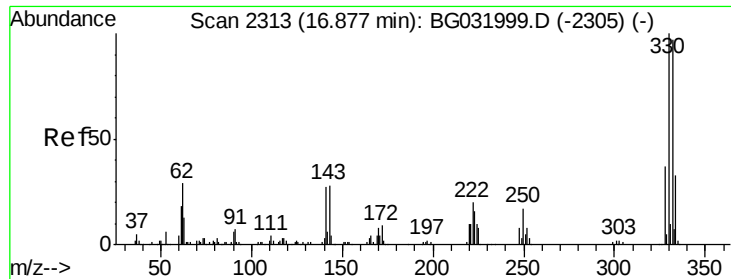
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG032283.D
 Acq: 25 Jan 2018 5:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	45.9	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

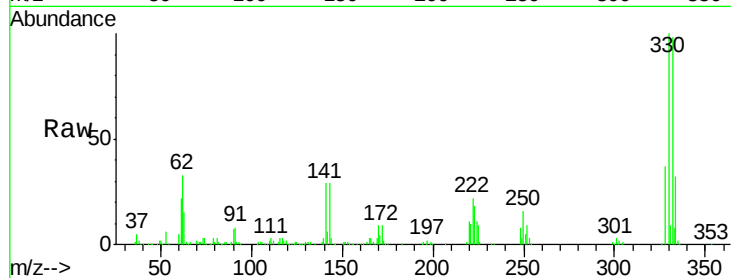




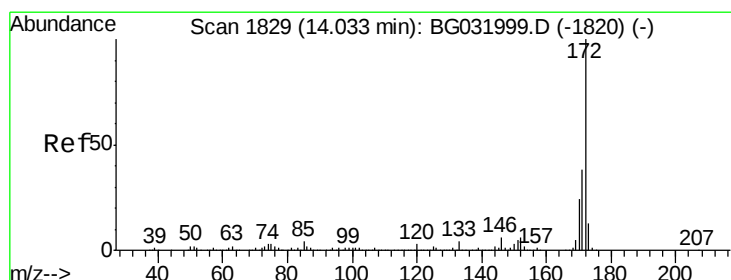
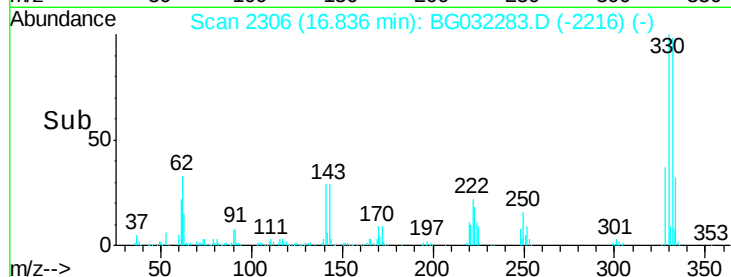
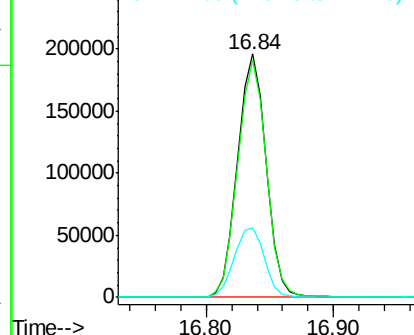
#41
 2,4,6-Tribromophenol
 Concen: 163.561 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG032283.D
 Acq: 25 Jan 2018 5:47

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-012218

Tgt Ion:330 Resp: 305548
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 30.1 25.2 37.8

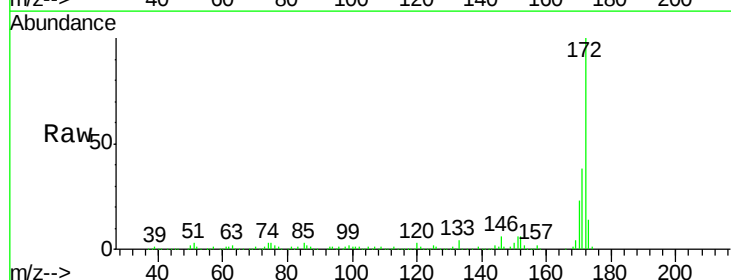


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

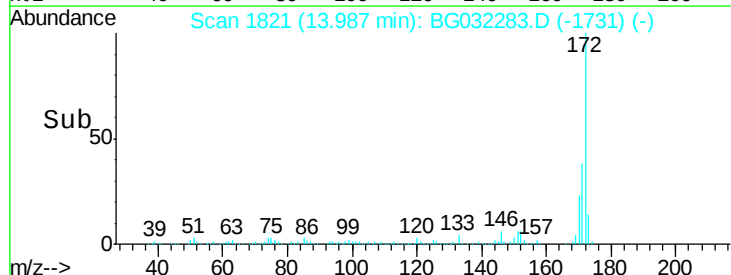
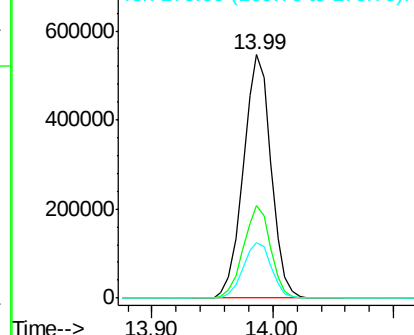


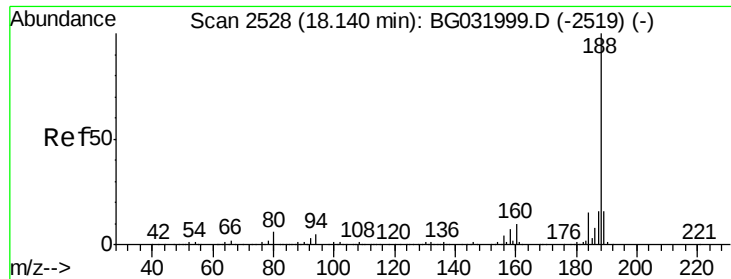
#44
 2-Fluorobiphenyl
 Concen: 95.720 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032283.D
 Acq: 25 Jan 2018 5:47

Tgt Ion:172 Resp: 871491
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 22.8 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

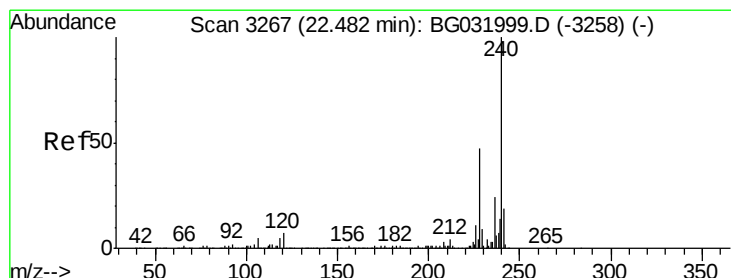
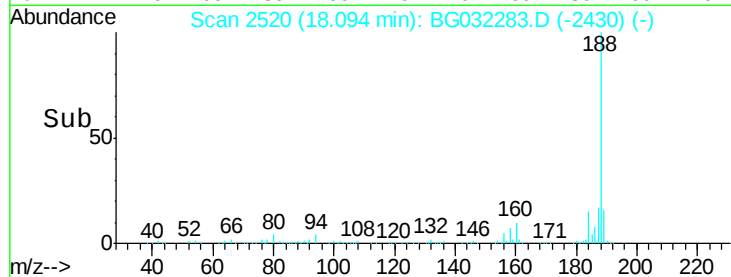
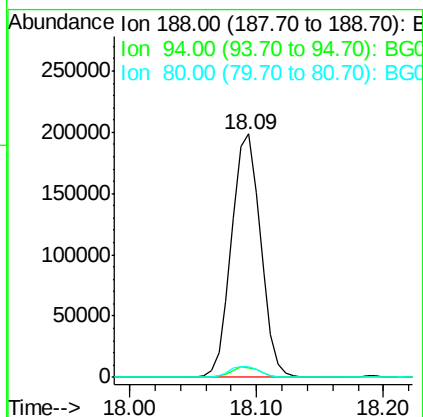
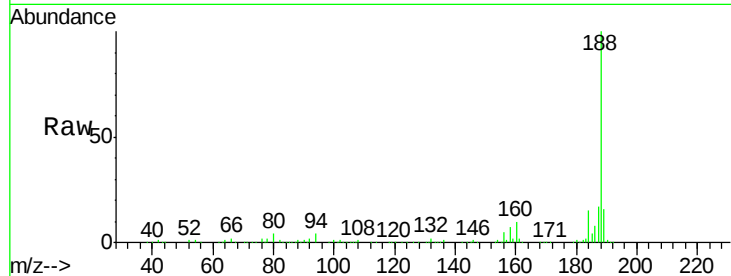




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG032283.D
Acq: 25 Jan 2018 5:47

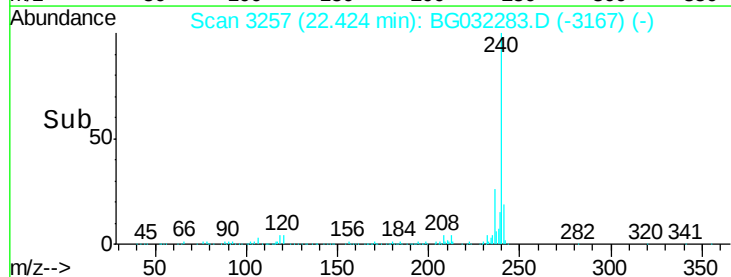
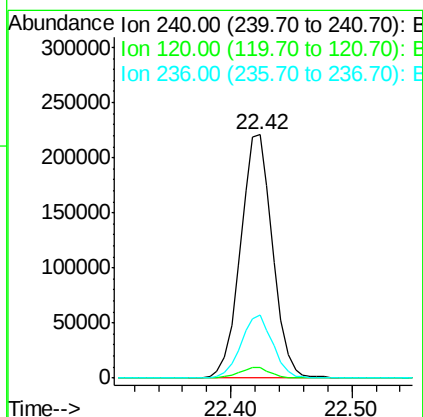
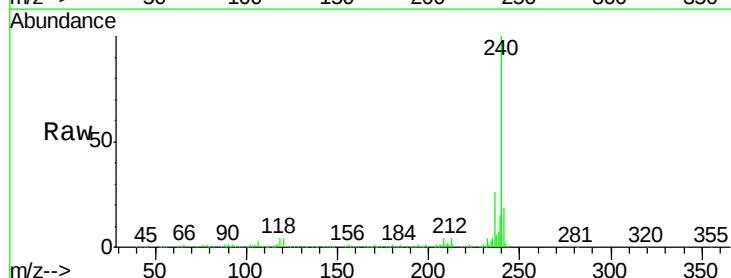
Instrument :
BNA_G
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SU-04-012218

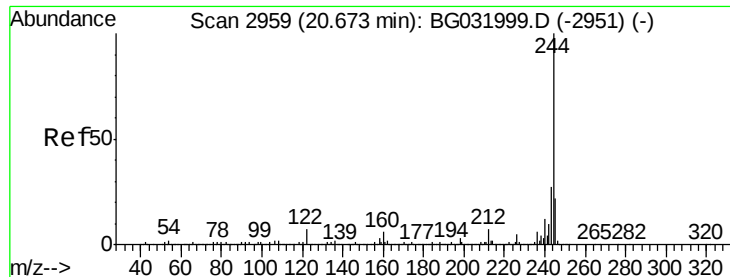
Tgt Ion:188 Resp: 315421
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 4.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3257
Delta R.T. -0.00 min
Lab File: BG032283.D
Acq: 25 Jan 2018 5:47

Tgt Ion:240 Resp: 407703
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 99.613 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BG032283.D

Acq: 25 Jan 2018 5:47

Instrument :

BNA_G

ClientSampleId :

SU-04-012218

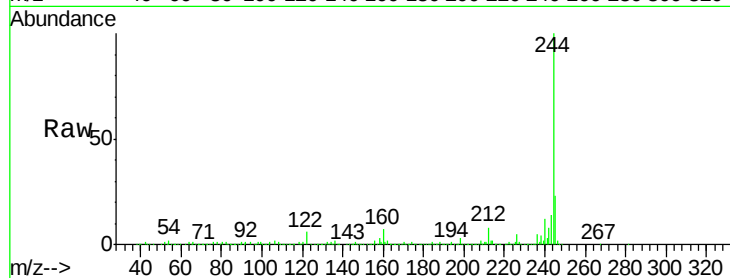
Tgt Ion:244 Resp: 1839291

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

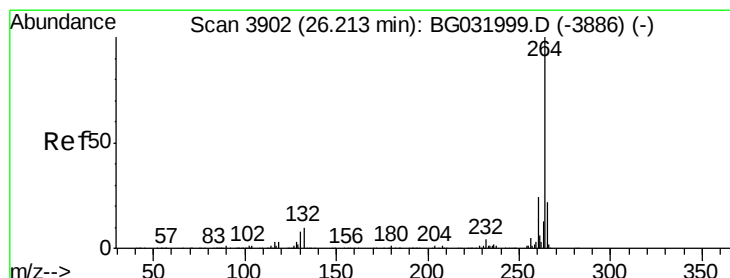
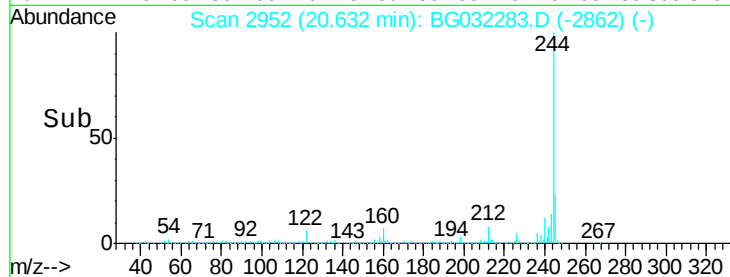
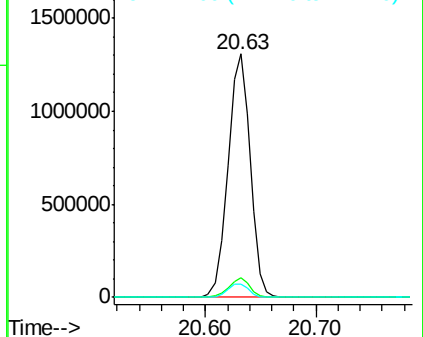
122 5.7 7.0 10.4#



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: BG032283.D

Acq: 25 Jan 2018 5:47

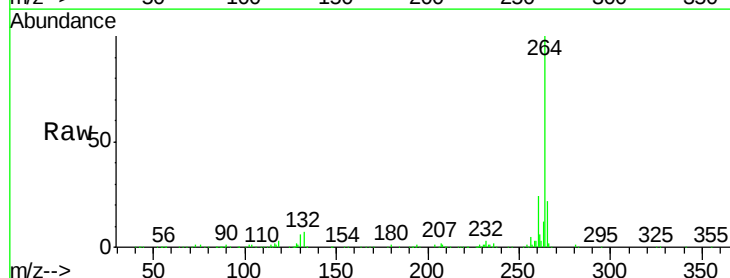
Tgt Ion:264 Resp: 419039

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.3 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

