

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032293.D
 Acq On : 25 Jan 2018 12:02
 Operator : SJ/JU
 Sample : J1266-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-199

Quant Time: Jan 25 13:22:22 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	36266	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	138337	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	95761	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	272570	20.00	ng	0.00
75) Chrysene-d12	22.42	240	367223	20.00	ng	0.00
86) Perylene-d12	26.10	264	385394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	263810	133.04	ng	0.00
7) Phenol-d6	7.84	99	301235	120.62	ng	0.00
23) Nitrobenzene-d5	9.92	82	219206	107.20	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	263119	166.05	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	763634	98.88	ng	0.00
78) Terphenyl-d14	20.63	244	1696685	102.02	ng	0.00

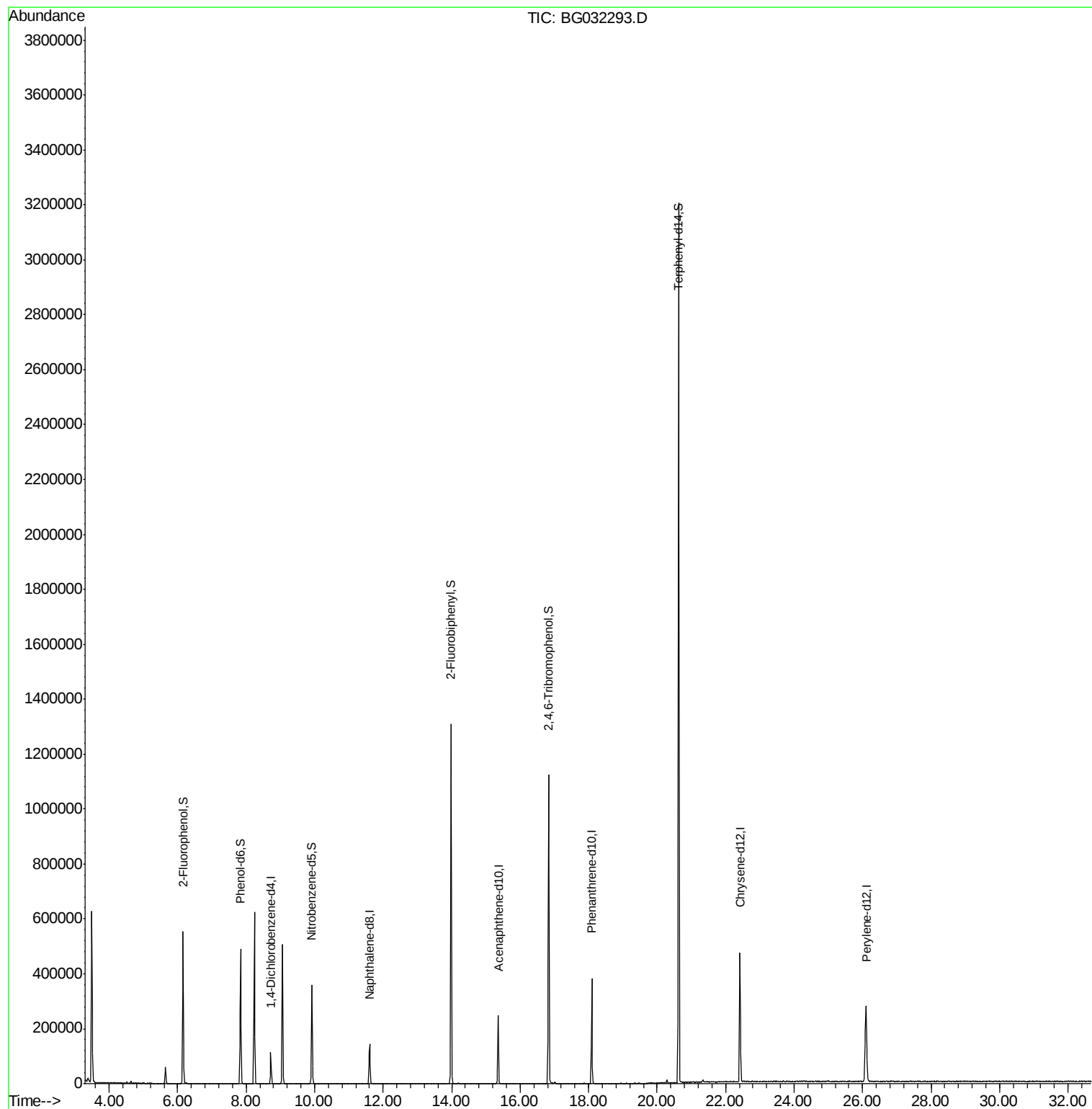
Target Compounds	Qvalue
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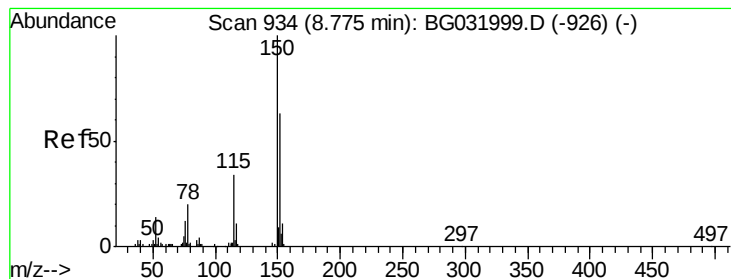
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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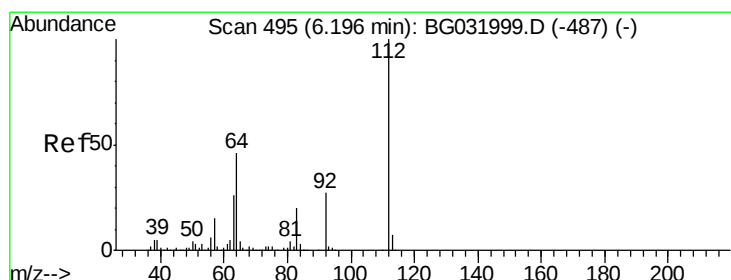
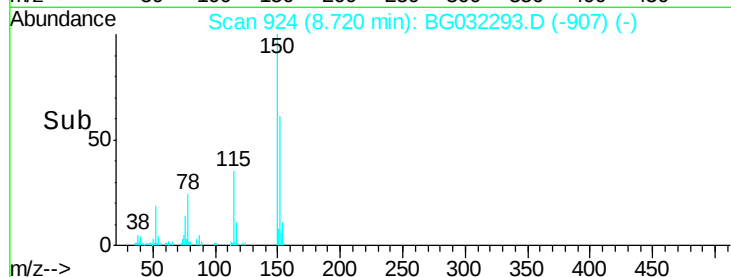
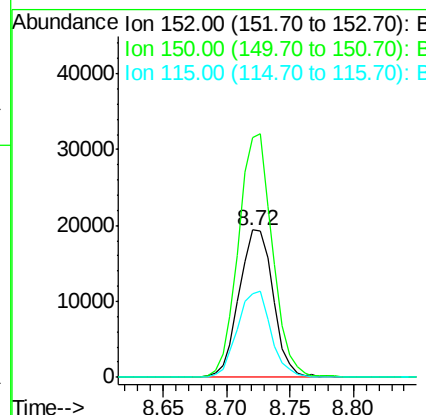
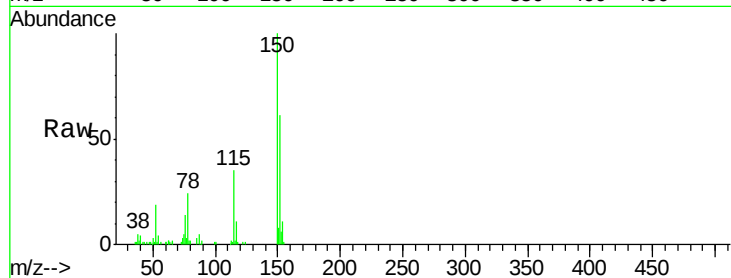


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032293.D
Acq: 25 Jan 2018 12:02

Instrument :
BNA_G
ClientSampleId :
MH-199

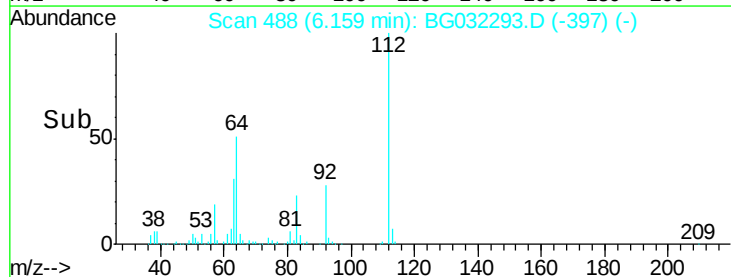
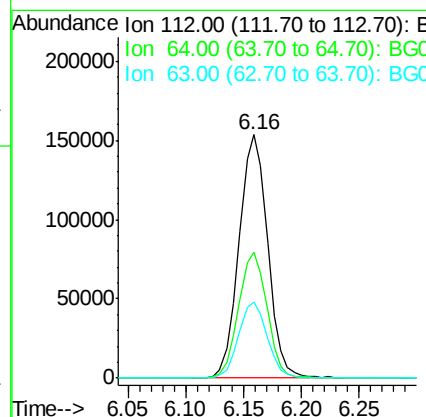
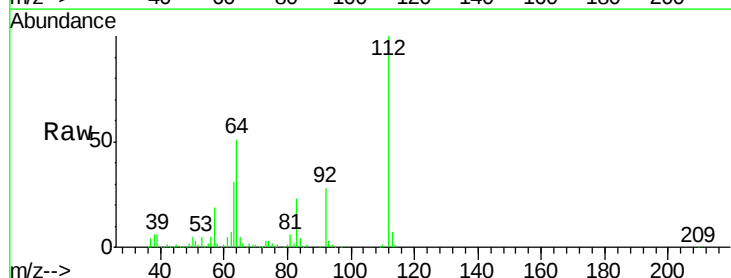
Tgt Ion:152 Resp: 36266
Ion Ratio Lower Upper
152 100
150 163.0 126.6 189.8
115 56.6 53.0 79.4

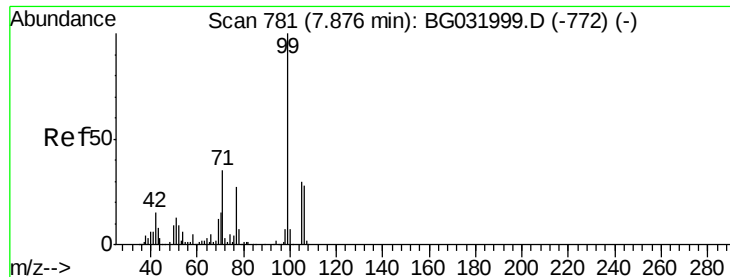


#5

2-Fluorophenol
Concen: 133.042 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032293.D
Acq: 25 Jan 2018 12:02

Tgt Ion:112 Resp: 263810
Ion Ratio Lower Upper
112 100
64 51.5 56.3 84.5#
63 31.0 30.1 45.1





#7

Phenol-d6

Concen: 120.622 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032293.D

Acq: 25 Jan 2018 12:02

Instrument :

BNA_G

ClientSampleId :

MH-199

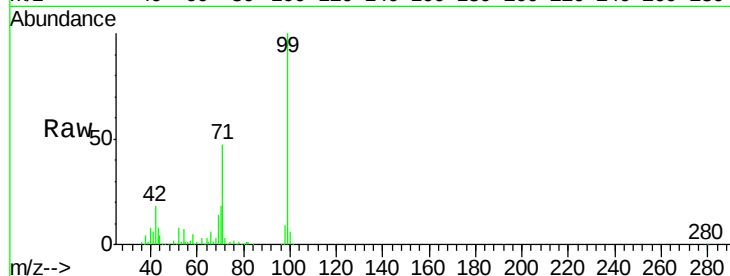
Tgt Ion: 99 Resp: 301235

Ion Ratio Lower Upper

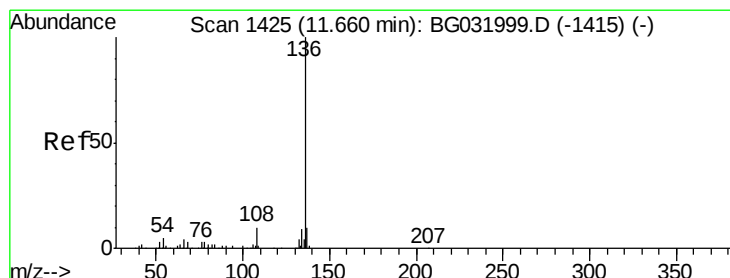
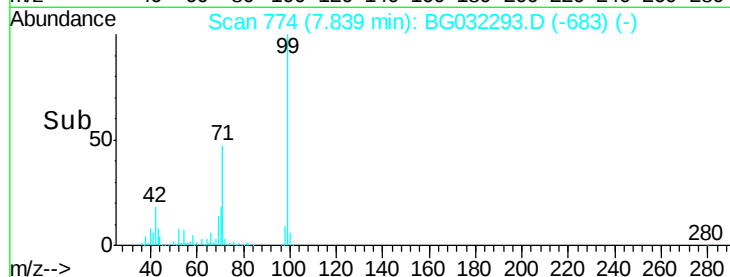
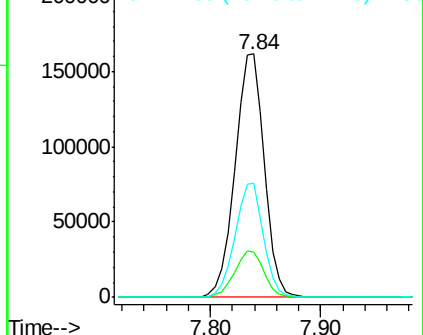
99 100

42 18.4 14.1 21.1

71 46.9 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: 11.60 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BG032293.D

Acq: 25 Jan 2018 12:02

Tgt Ion: 136 Resp: 138337

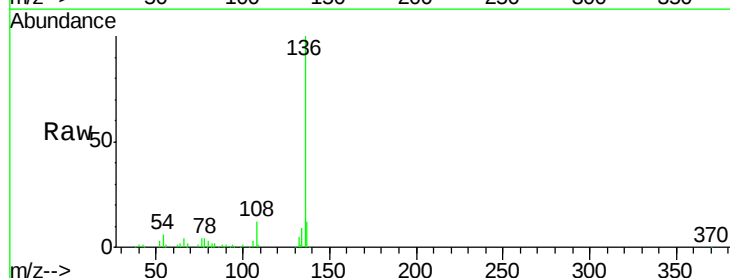
Ion Ratio Lower Upper

136 100

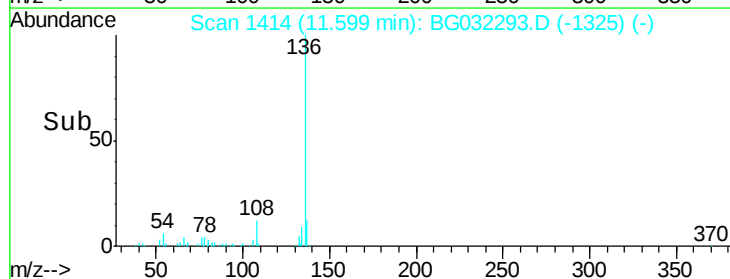
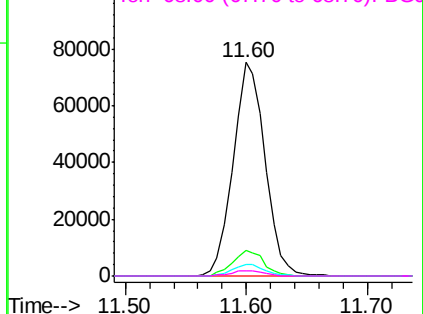
137 11.9 9.2 13.8

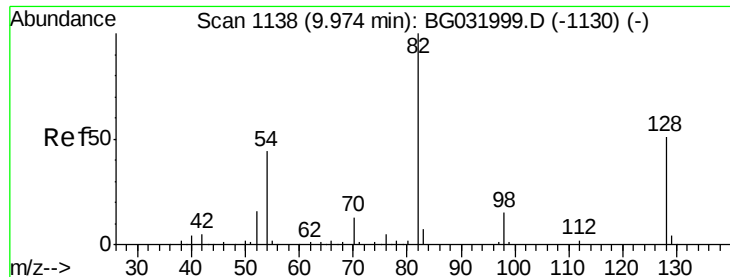
54 5.6 10.3 15.5#

68 2.2 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

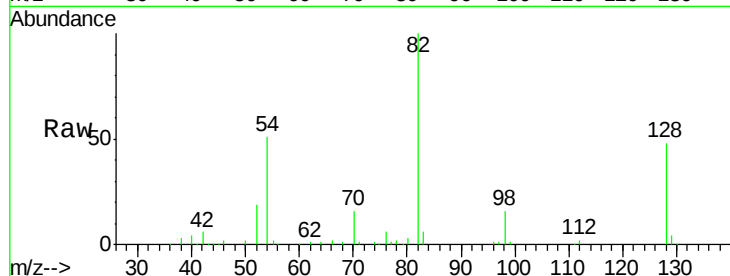




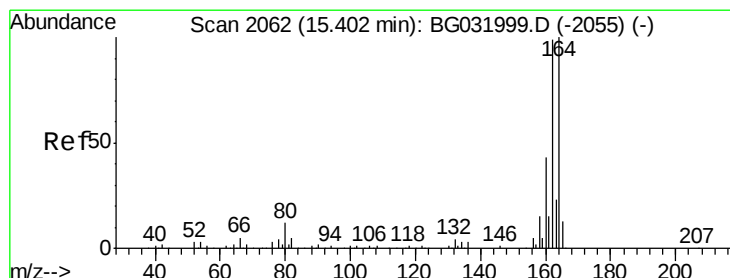
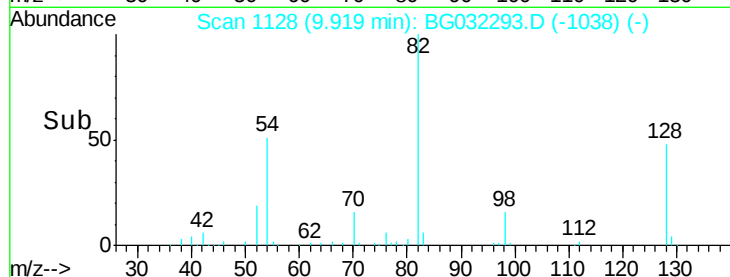
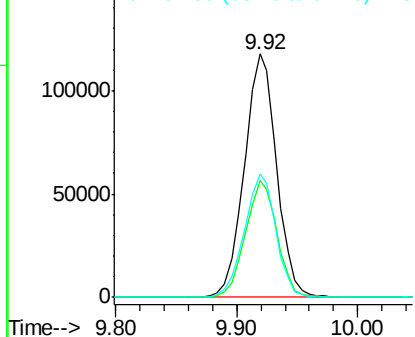
#23
Nitrobenzene-d5
Concen: 107.204 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032293.D
Acq: 25 Jan 2018 12:02

Instrument :
BNA_G
ClientSampleId :
MH-199

Tgt Ion: 82 Resp: 219206
Ion Ratio Lower Upper
82 100
128 47.8 29.7 44.5#
54 50.6 43.1 64.7

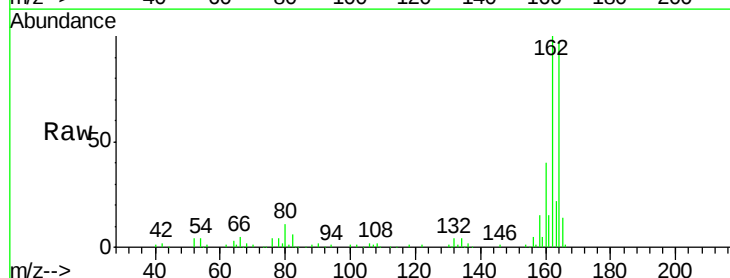


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

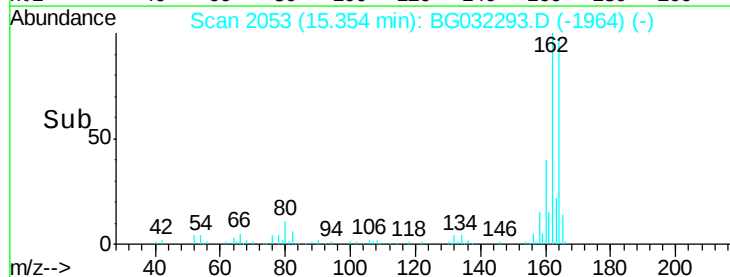
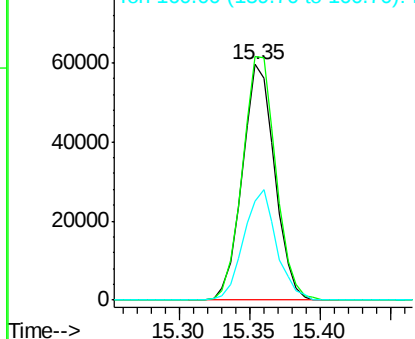


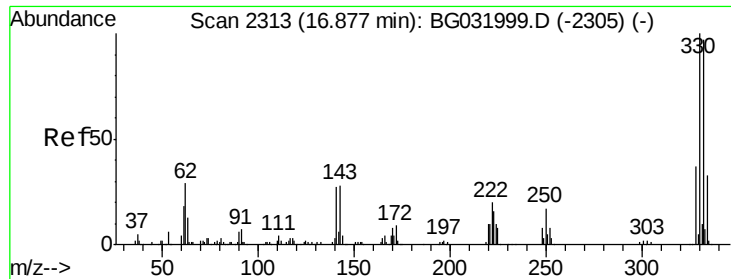
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG032293.D
Acq: 25 Jan 2018 12:02

Tgt Ion: 164 Resp: 95761
Ion Ratio Lower Upper
164 100
162 103.3 78.8 118.2
160 41.8 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

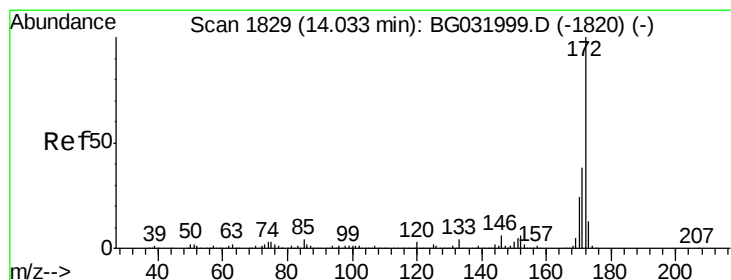
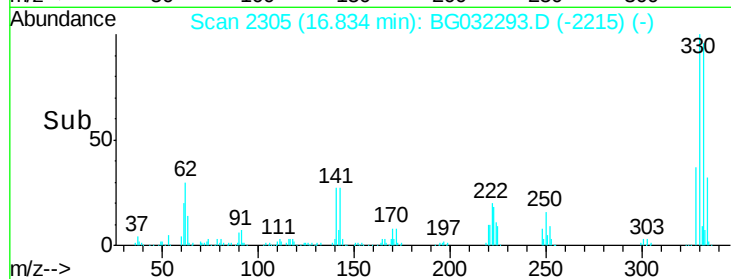
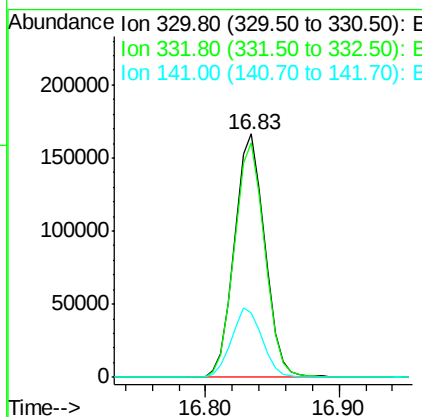
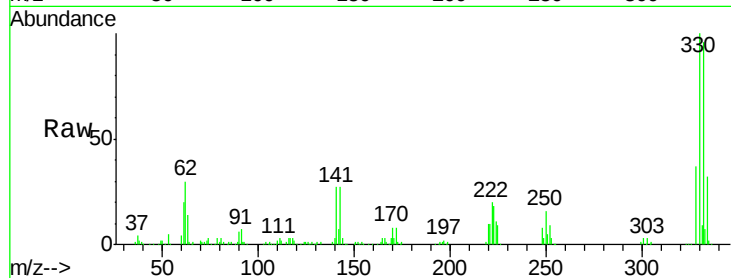




#41
 2,4,6-Tribromophenol
 Concen: 166.045 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG032293.D
 Acq: 25 Jan 2018 12:02

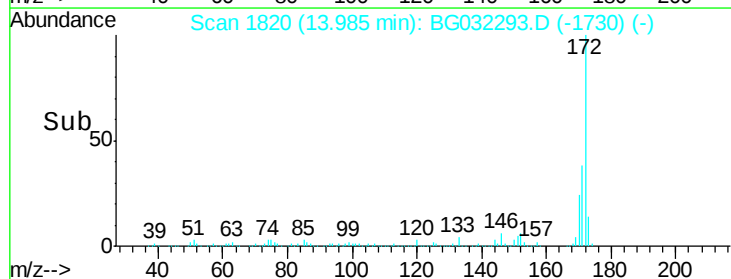
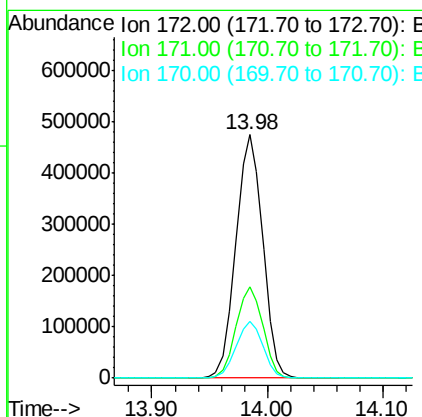
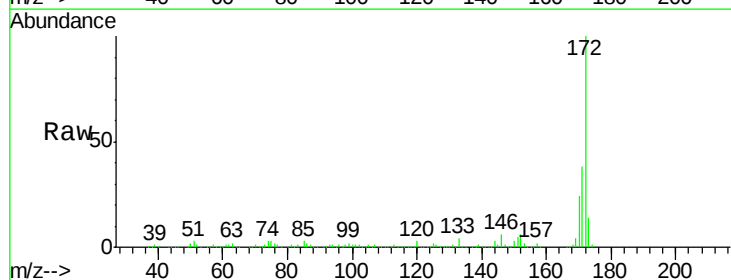
Instrument :
 BNA_G
 ClientSampleId :
 MH-199

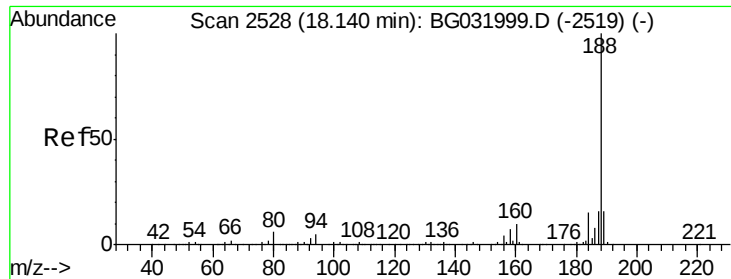
Tgt Ion:330 Resp: 263119
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 29.0 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 98.878 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032293.D
 Acq: 25 Jan 2018 12:02

Tgt Ion:172 Resp: 763634
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 23.5 19.5 29.3

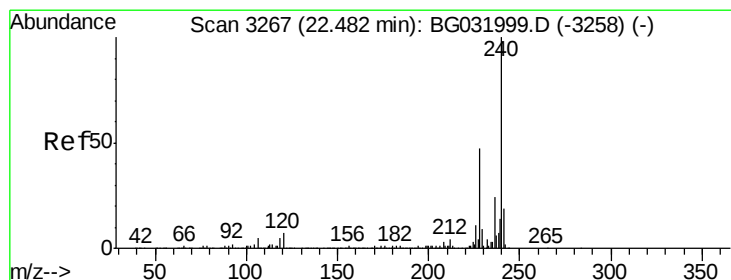
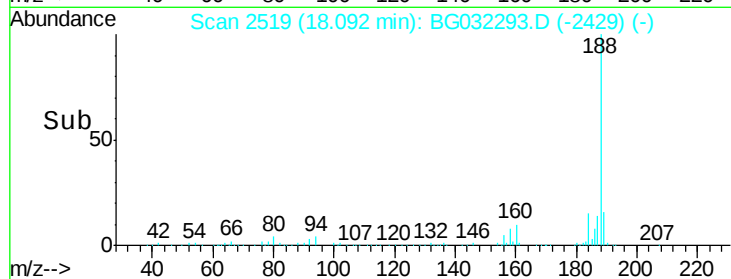
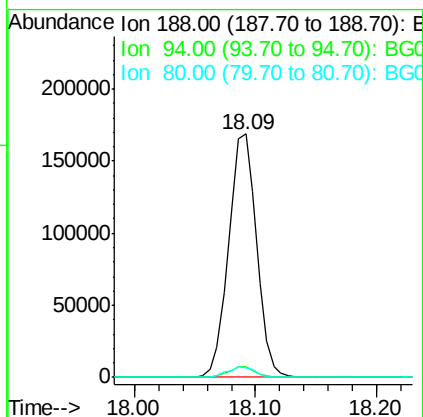
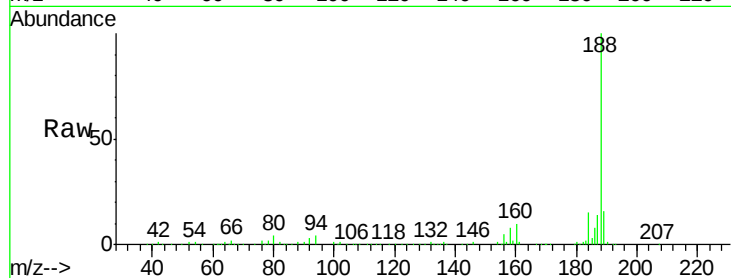




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032293.D
Acq: 25 Jan 2018 12:02

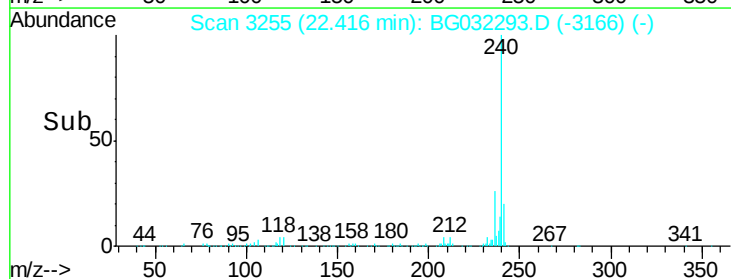
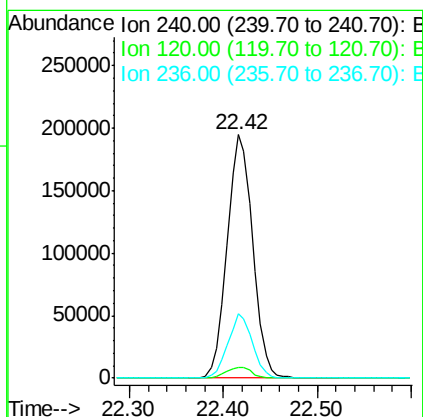
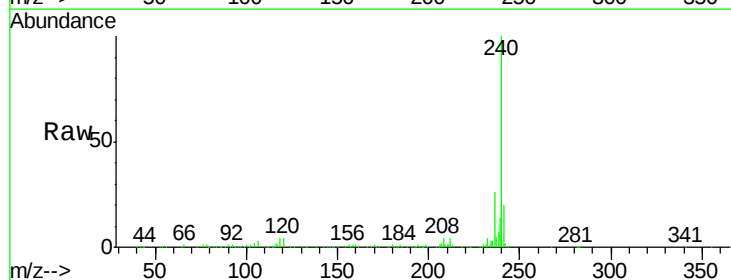
Instrument :
BNA_G
ClientSampleId :
MH-199

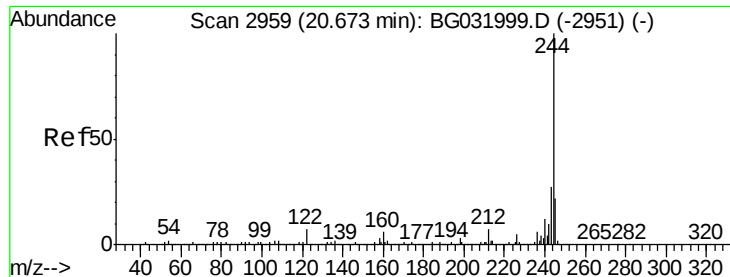
Tgt Ion:188 Resp: 272570
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 3.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032293.D
Acq: 25 Jan 2018 12:02

Tgt Ion:240 Resp: 367223
Ion Ratio Lower Upper
240 100
120 4.2 6.8 10.2#
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 102.019 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG032293.D

Acq: 25 Jan 2018 12:02

Instrument :

BNA_G

ClientSampleId :

MH-199

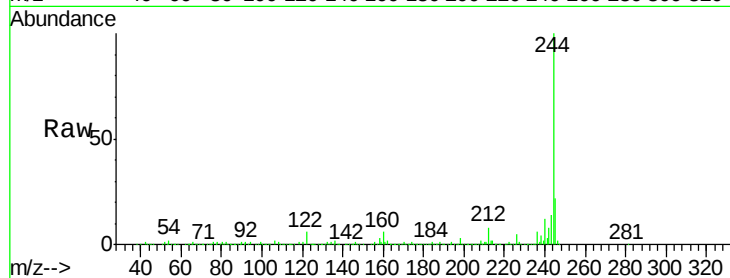
Tgt Ion:244 Resp: 1696685

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

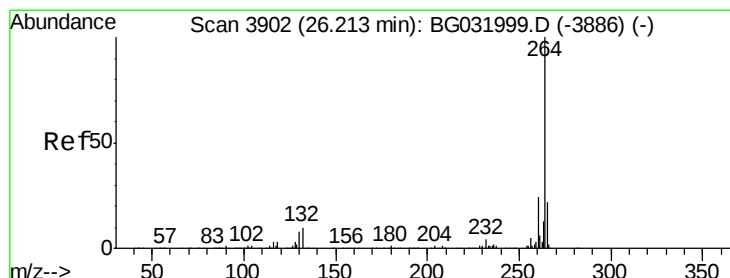
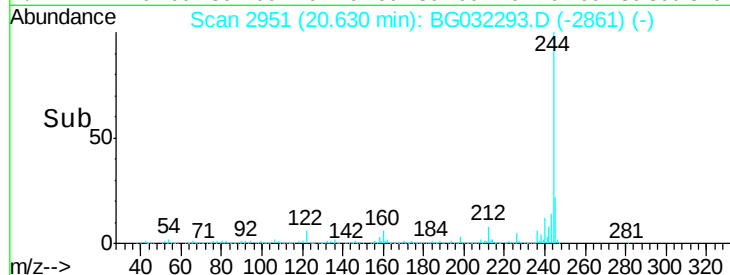
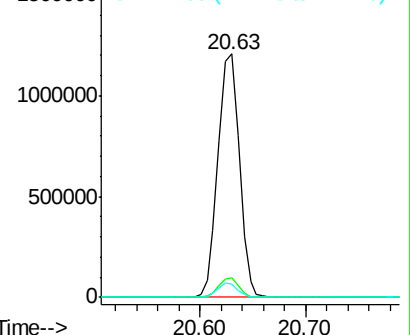
122 5.6 7.0 10.4#



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: BG032293.D

Acq: 25 Jan 2018 12:02

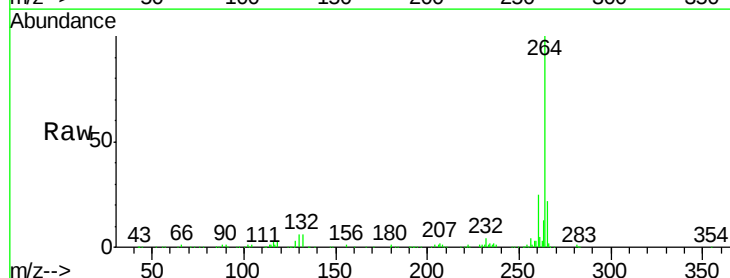
Tgt Ion:264 Resp: 385394

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 22.2 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

