

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032294.D
 Acq On : 25 Jan 2018 12:40
 Operator : SJ/JU
 Sample : J1266-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-200

Quant Time: Jan 25 13:27:50 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	36635	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	139261	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	95592	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	275528	20.00	ng	0.00
75) Chrysene-d12	22.42	240	369505	20.00	ng	0.00
86) Perylene-d12	26.10	264	384068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	274573	137.08	ng	0.00
7) Phenol-d6	7.84	99	313957	124.45	ng	0.00
23) Nitrobenzene-d5	9.92	82	230376	111.92	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	276956	175.09	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	797195	103.41	ng	0.00
78) Terphenyl-d14	20.63	244	1764769	105.46	ng	0.00

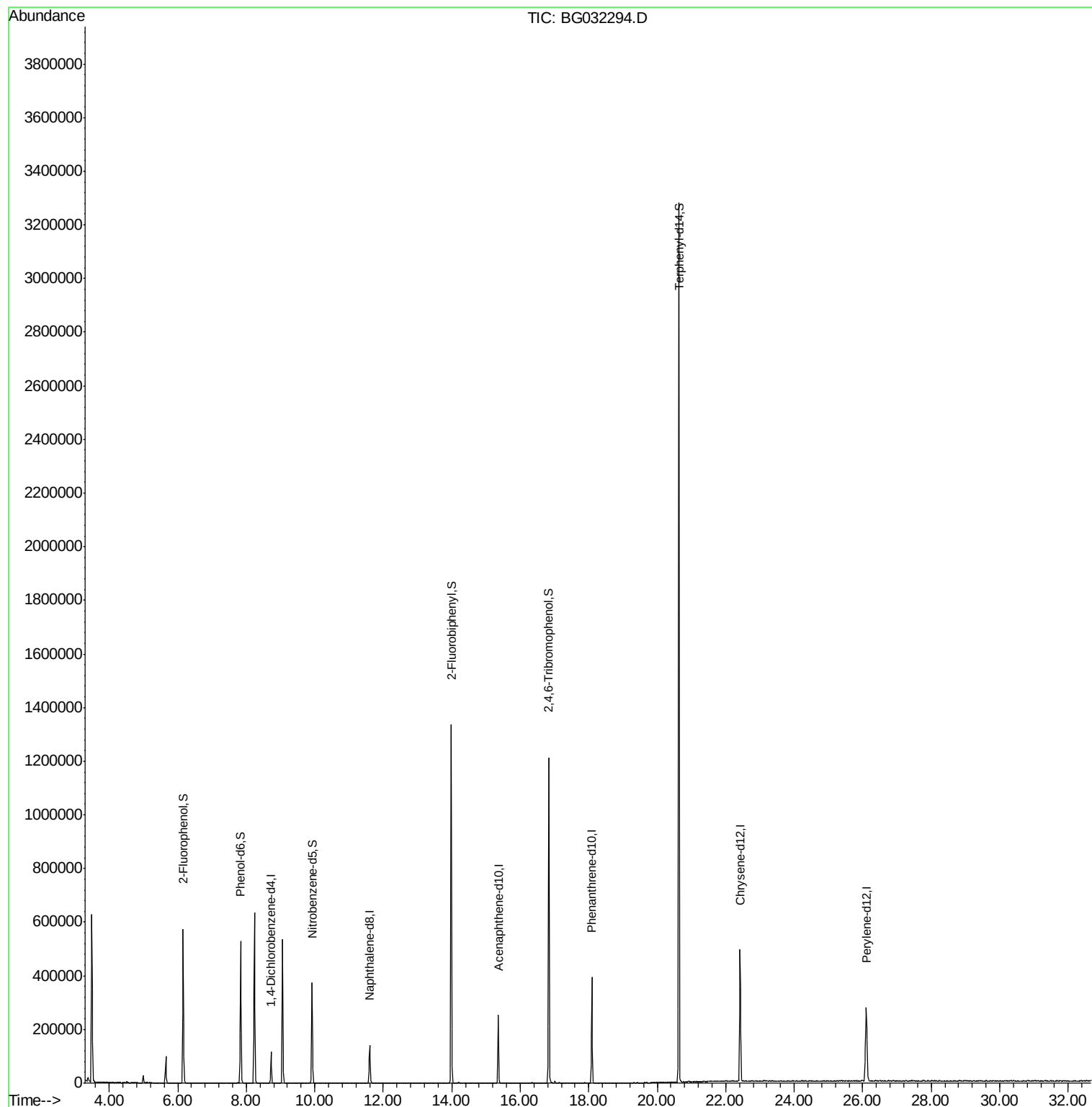
Target Compounds	Qvalue
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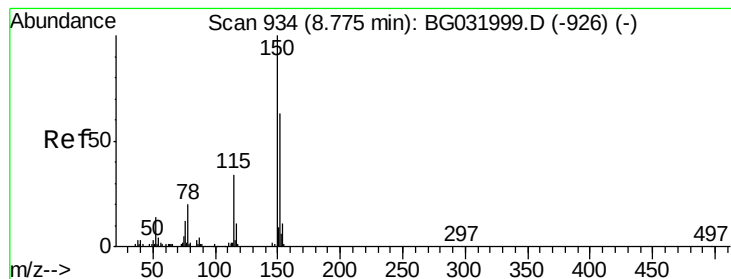
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG032294.D

Acq: 25 Jan 2018 12:40

Instrument :

BNA_G

ClientSampleId :

MH-200

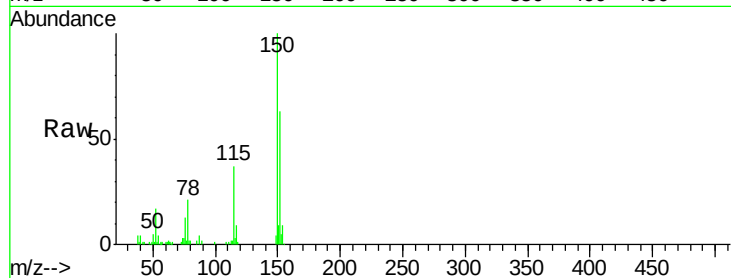
Tgt Ion:152 Resp: 36635

Ion Ratio Lower Upper

152 100

150 159.9 126.6 189.8

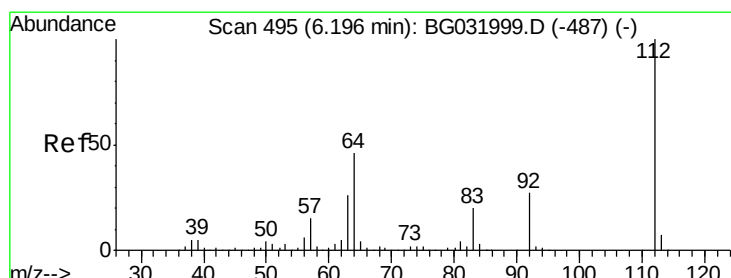
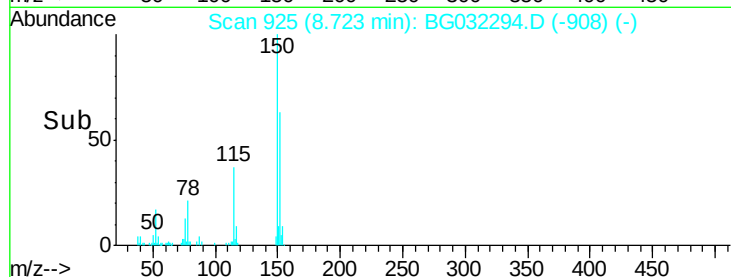
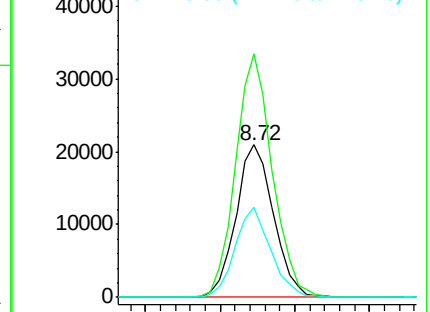
115 58.8 53.0 79.4



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: 137.075 ng

RT: 6.16 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG032294.D

Acq: 25 Jan 2018 12:40

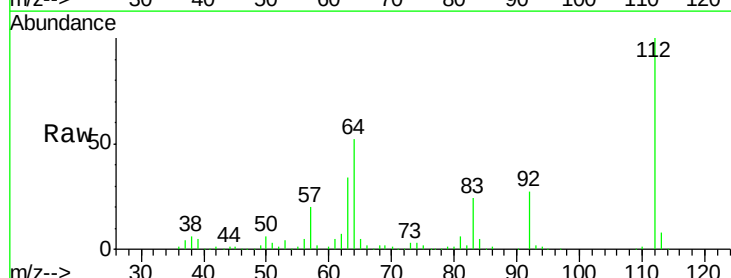
Tgt Ion:112 Resp: 274573

Ion Ratio Lower Upper

112 100

64 51.7 56.3 84.5#

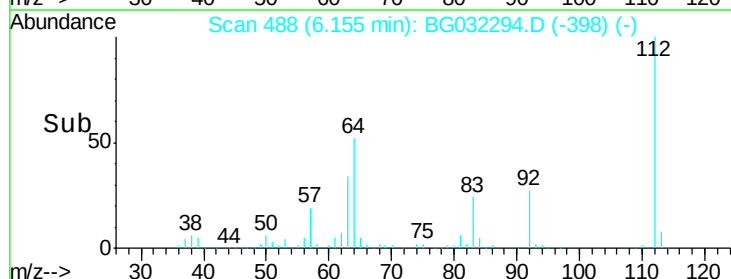
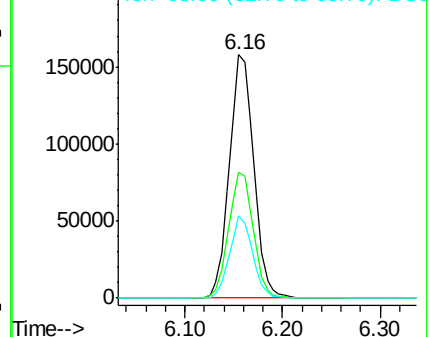
63 33.8 30.1 45.1

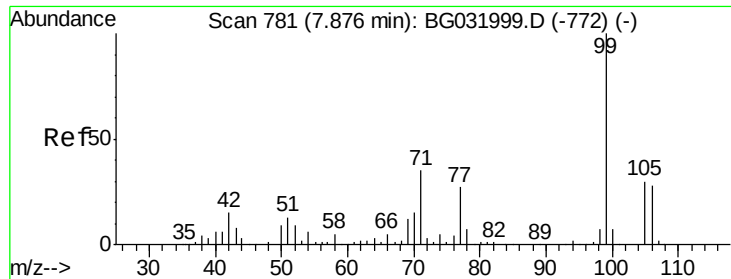


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.450 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032294.D

Acq: 25 Jan 2018 12:40

Instrument :

BNA_G

ClientSampleId :

MH-200

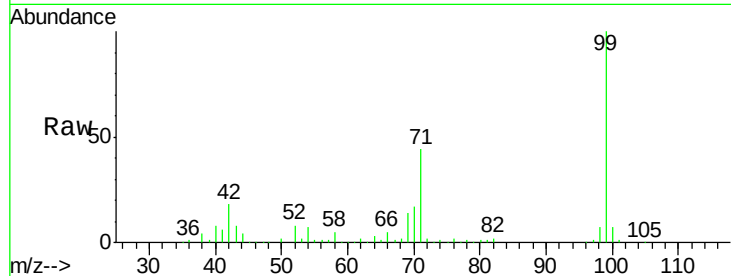
Tgt Ion: 99 Resp: 313957

Ion Ratio Lower Upper

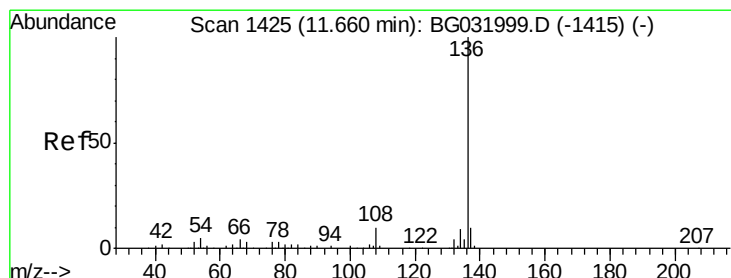
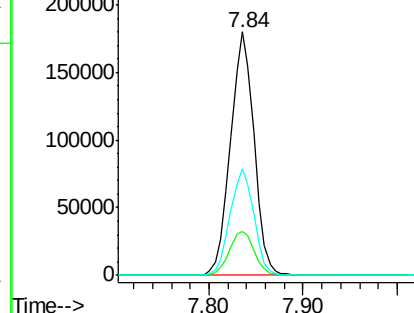
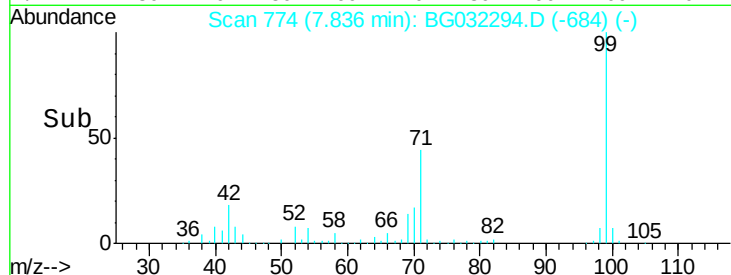
99 100

42 18.2 14.1 21.1

71 43.6 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. -0.01 min

Lab File: BG032294.D

Acq: 25 Jan 2018 12:40

Tgt Ion: 136 Resp: 139261

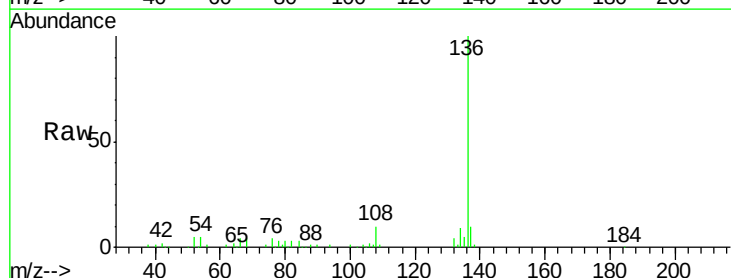
Ion Ratio Lower Upper

136 100

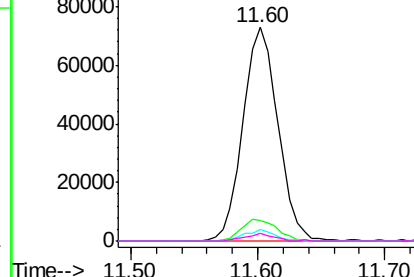
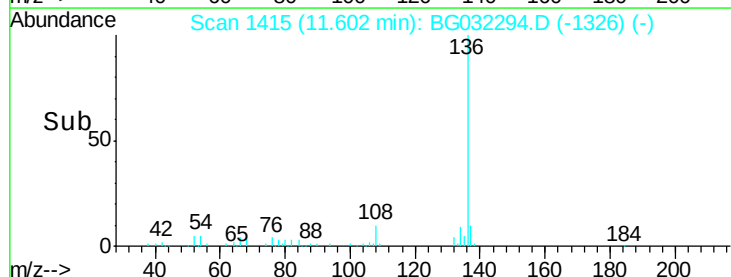
137 9.8 9.2 13.8

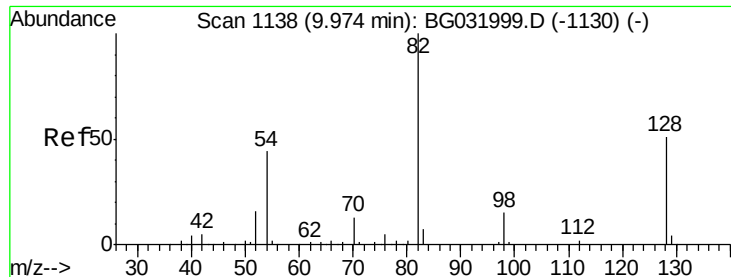
54 5.3 10.3 15.5#

68 3.6 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: 111.919 ng

RT: 9.92 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG032294.D

Acq: 25 Jan 2018 12:40

Instrument :

BNA_G

ClientSampleId :

MH-200

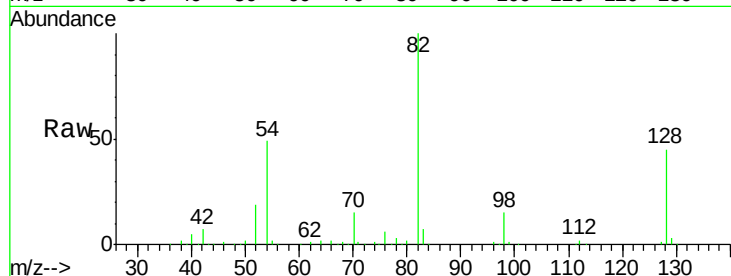
Tgt Ion: 82 Resp: 230376

Ion Ratio Lower Upper

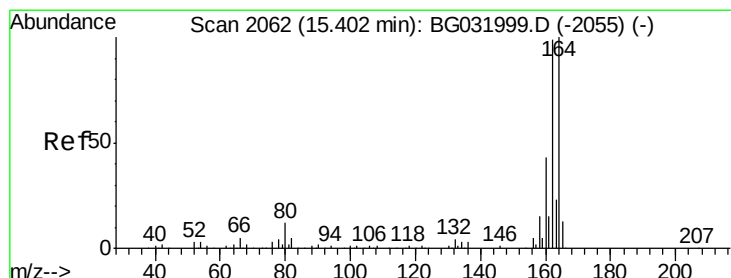
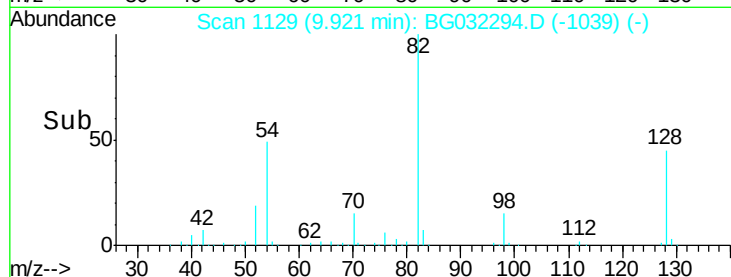
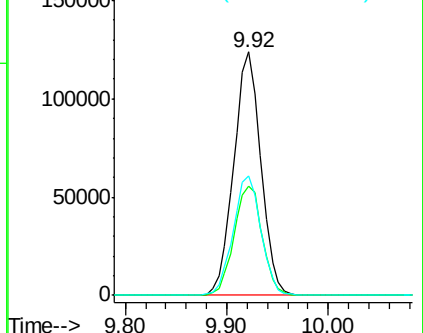
82 100

128 44.9 29.7 44.5#

54 49.2 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# 2054

Delta R.T. -0.01 min

Lab File: BG032294.D

Acq: 25 Jan 2018 12:40

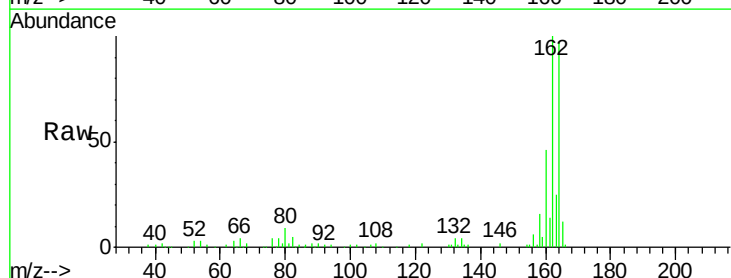
Tgt Ion: 164 Resp: 95592

Ion Ratio Lower Upper

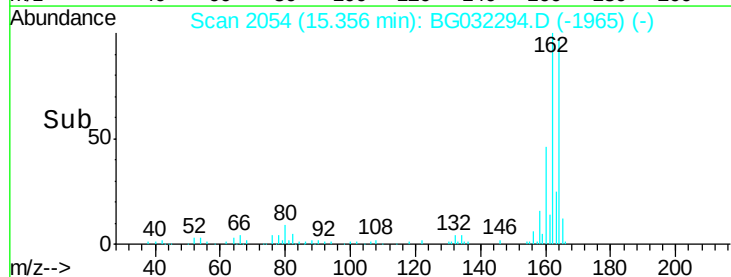
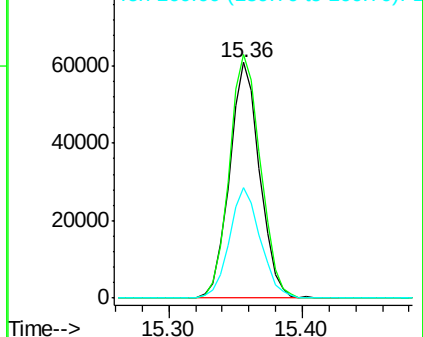
164 100

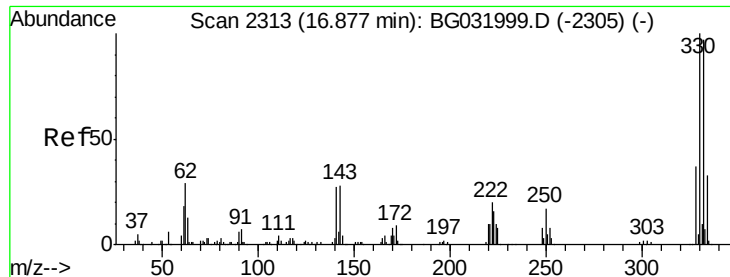
162 103.3 78.8 118.2

160 47.1 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

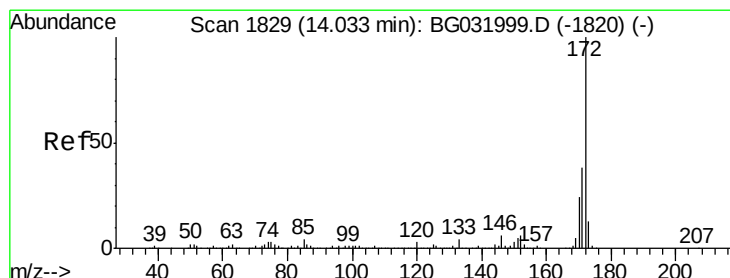
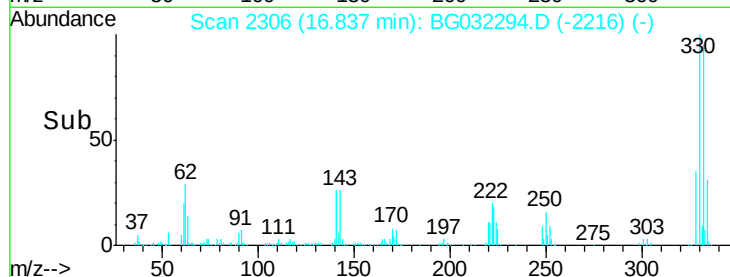
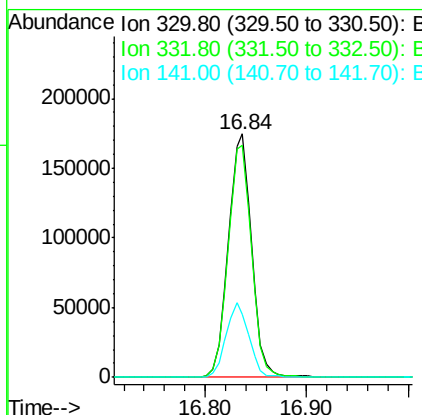
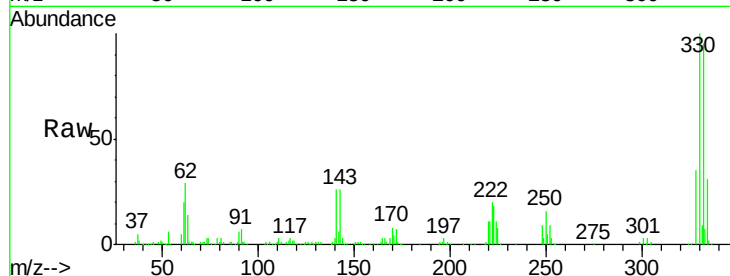




#41
 2,4,6-Tribromophenol
 Concen: 175.086 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG032294.D
 Acq: 25 Jan 2018 12:40

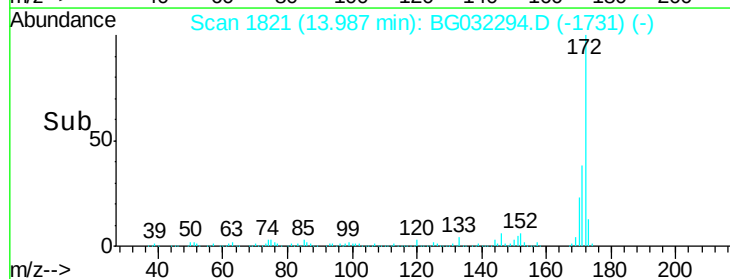
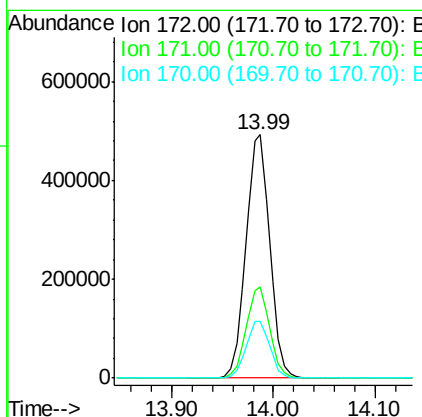
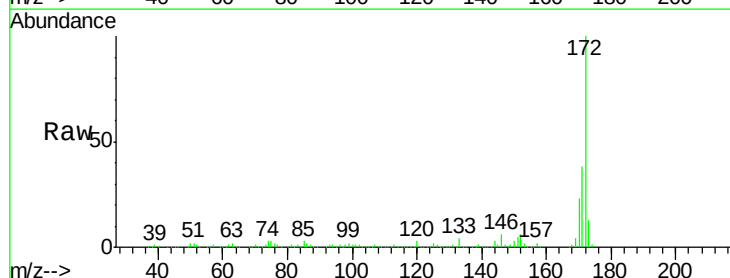
Instrument :
 BNA_G
 ClientSampleId :
 MH-200

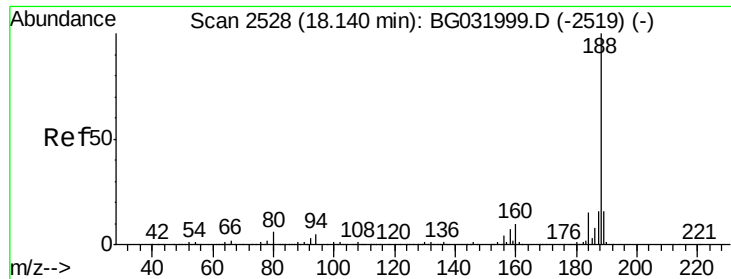
Tgt Ion:330 Resp: 276956
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 29.9 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 103.406 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032294.D
 Acq: 25 Jan 2018 12:40

Tgt Ion:172 Resp: 797195
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 23.2 19.5 29.3

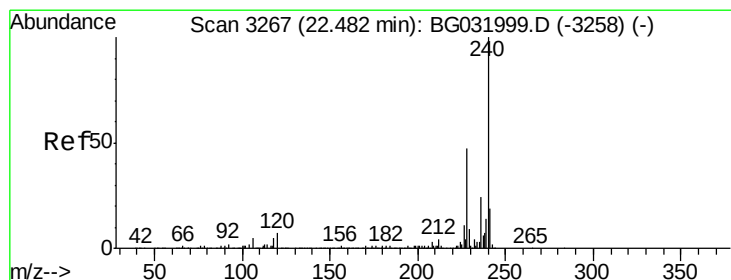
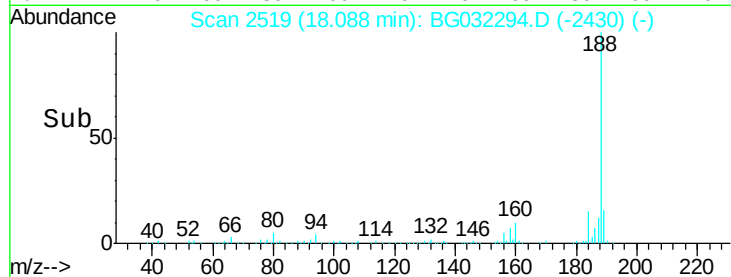
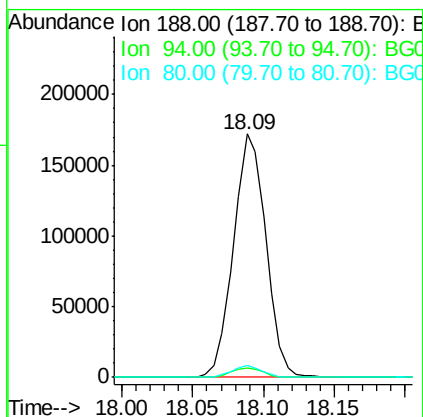
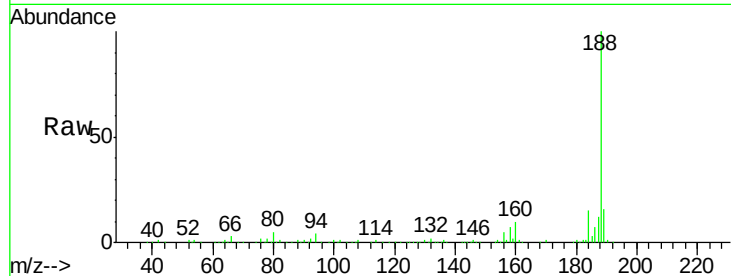




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032294.D
Acq: 25 Jan 2018 12:40

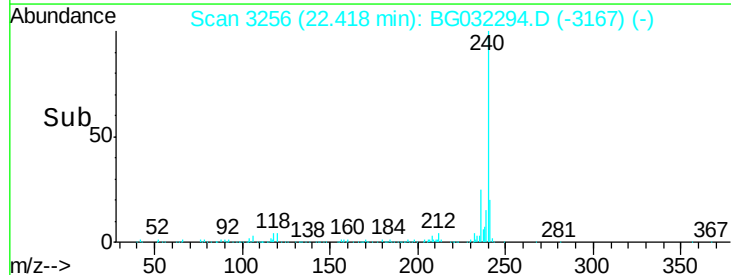
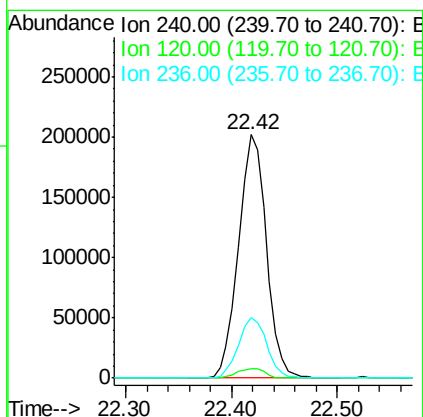
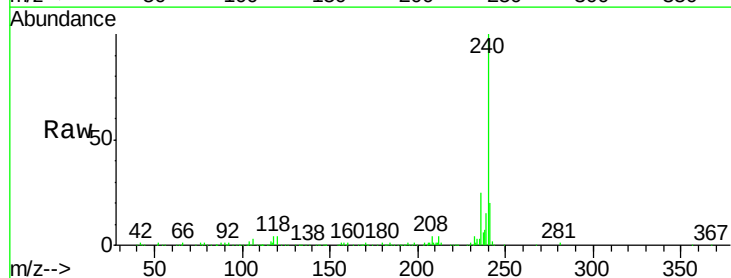
Instrument :
BNA_G
ClientSampleId :
MH-200

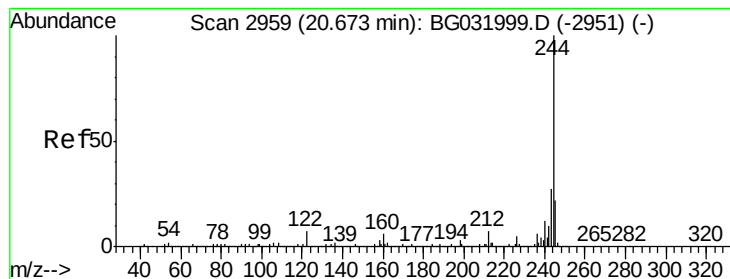
Tgt Ion:188 Resp: 275528
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 5.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032294.D
Acq: 25 Jan 2018 12:40

Tgt Ion:240 Resp: 369505
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 105.457 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BG032294.D

Acq: 25 Jan 2018 12:40

Instrument :

BNA_G

ClientSampleId :

MH-200

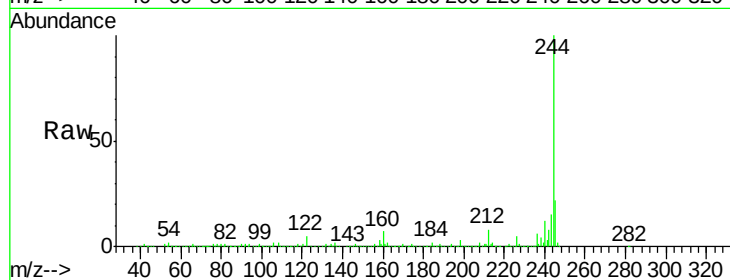
Tgt Ion:244 Resp: 1764769

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

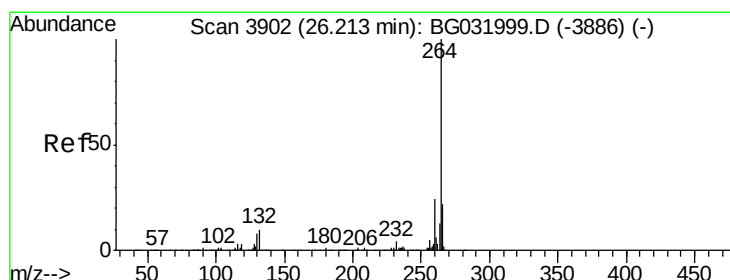
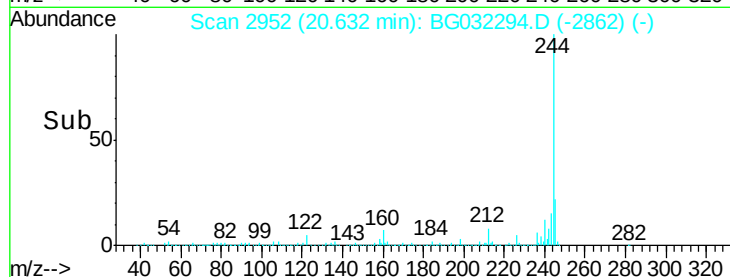
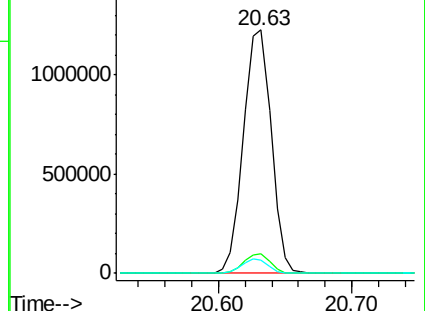
122 5.5 7.0 10.4#



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: BG032294.D

Acq: 25 Jan 2018 12:40

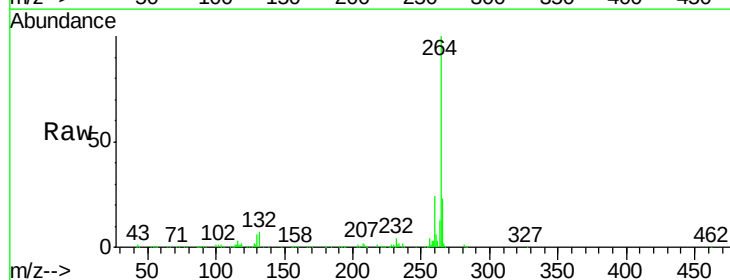
Tgt Ion:264 Resp: 384068

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.5 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

