

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032291.D
 Acq On : 25 Jan 2018 10:47
 Operator : SJ/JU
 Sample : J1258-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PIERS

Quant Time: Jan 25 11:26:56 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	8.73	152	34809	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	139060	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	96491	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	268515	20.00	ng	0.00
75) Chrysene-d12	22.42	240	370563	20.00	ng	0.00
86) Perylene-d12	26.10	264	385528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	267550	140.58	ng	0.00
7) Phenol-d6	7.84	99	309036	128.93	ng	0.00
23) Nitrobenzene-d5	9.92	82	222946	108.47	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	264768	165.82	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	780865	100.34	ng	0.00
78) Terphenyl-d14	20.63	244	1753093	104.46	ng	0.00

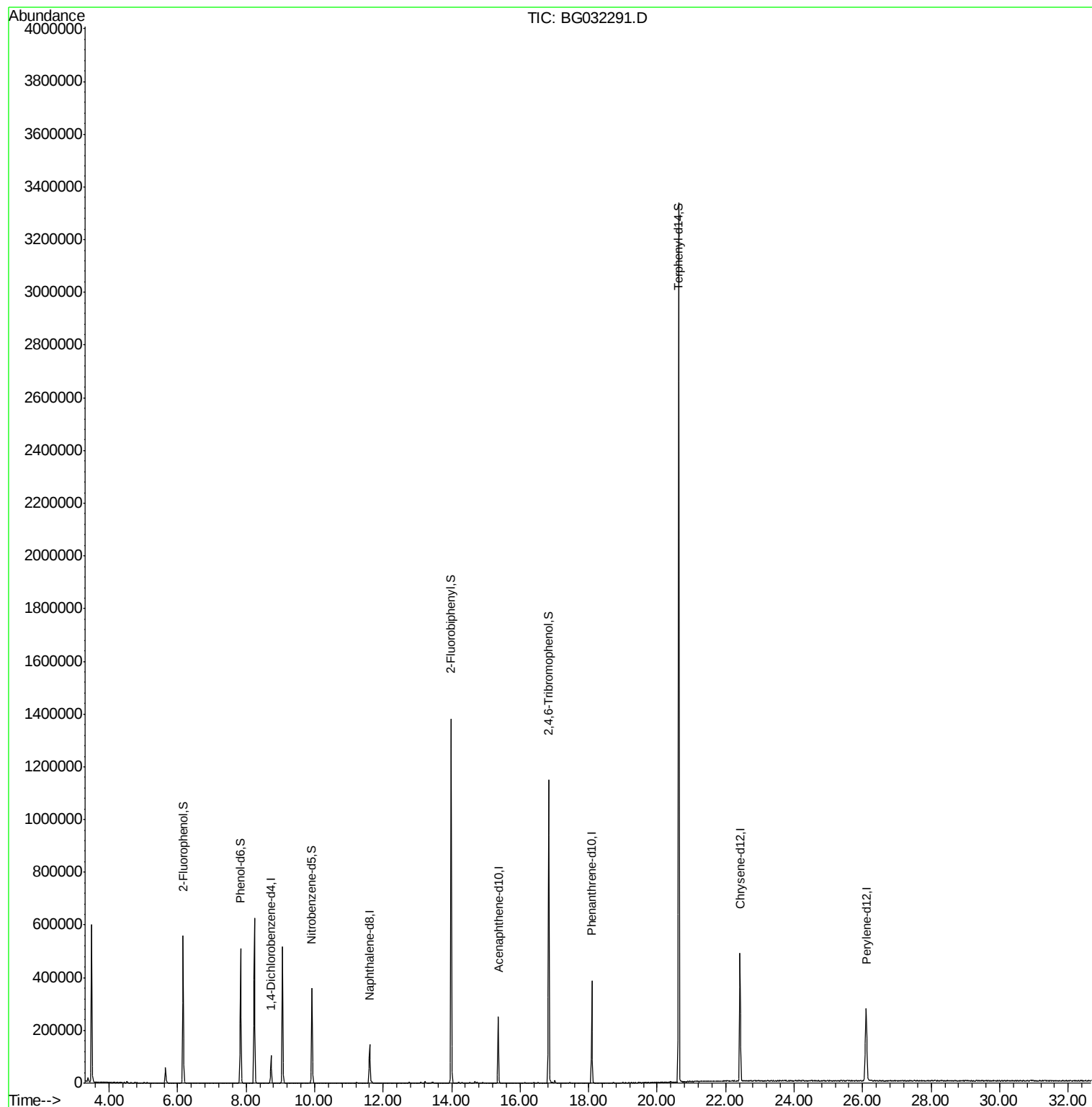
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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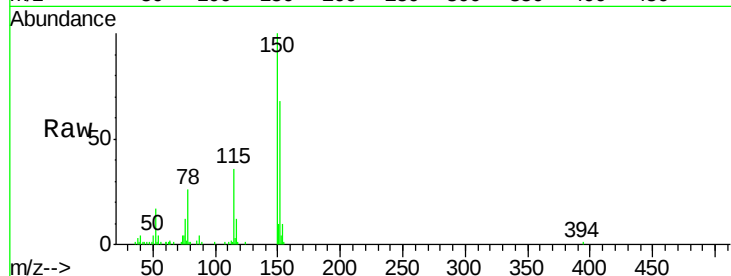


#1

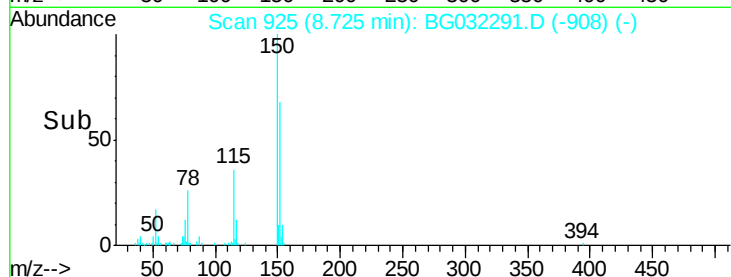
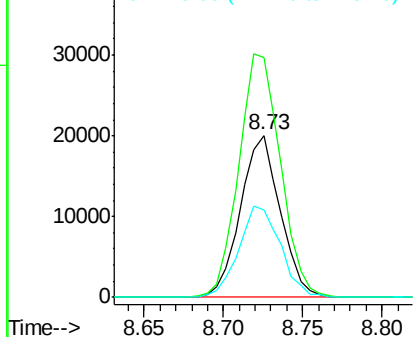
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032291.D
Acq: 25 Jan 2018 10:47

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PIERS

Tgt Ion:152 Resp: 34809
Ion Ratio Lower Upper
152 100
150 147.8 126.6 189.8
115 53.9 53.0 79.4



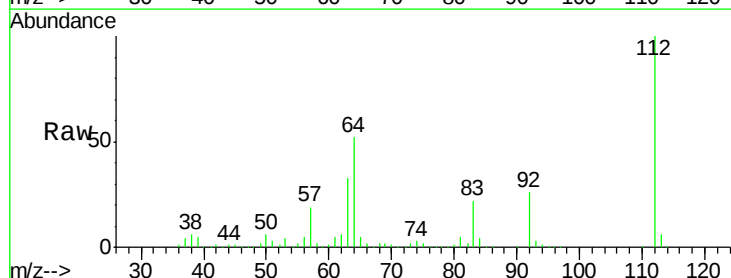
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



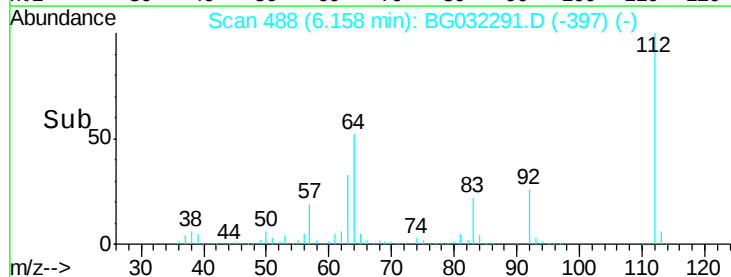
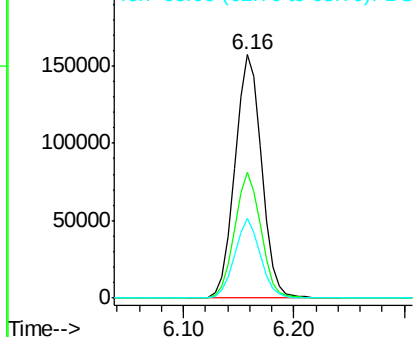
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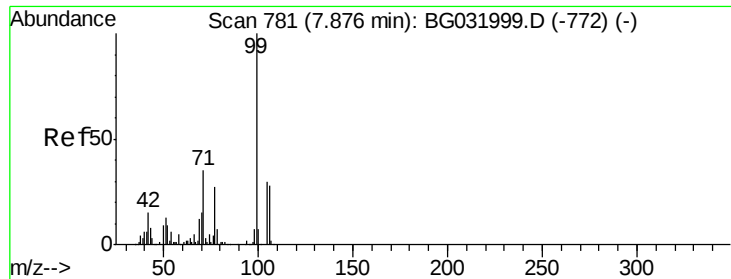
2-Fluorophenol
Concen: 140.576 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032291.D
Acq: 25 Jan 2018 10:47

Tgt Ion:112 Resp: 267550
Ion Ratio Lower Upper
112 100
64 51.9 56.3 84.5#
63 32.8 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: 128.925 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PIERS

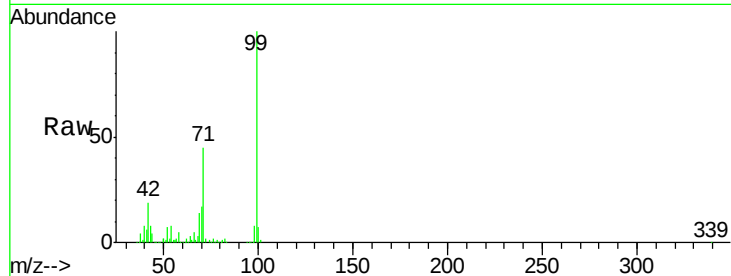
Tgt Ion: 99 Resp: 309036

Ion Ratio Lower Upper

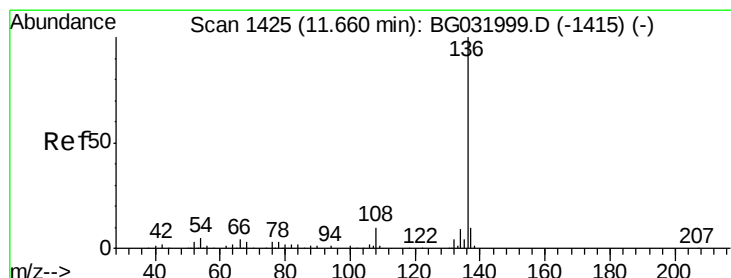
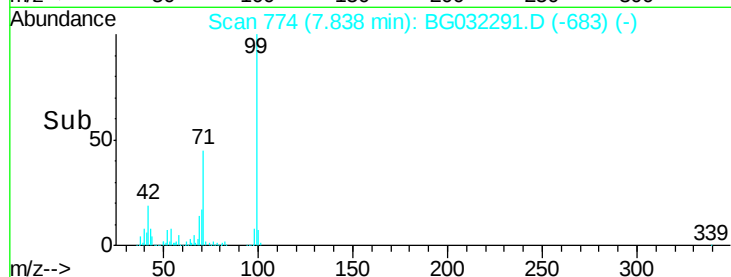
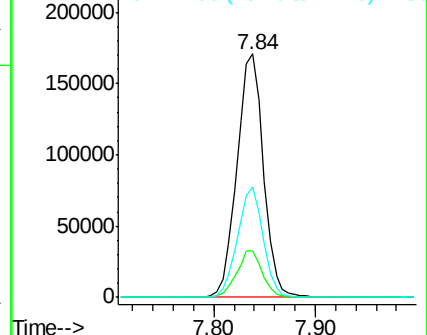
99 100

42 19.0 14.1 21.1

71 45.2 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: BG032291.D

Acq: 25 Jan 2018 10:47

Tgt Ion: 136 Resp: 139060

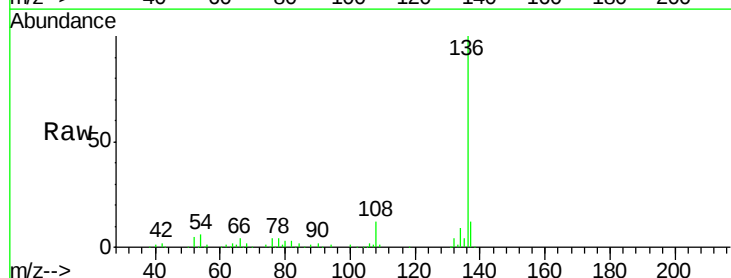
Ion Ratio Lower Upper

136 100

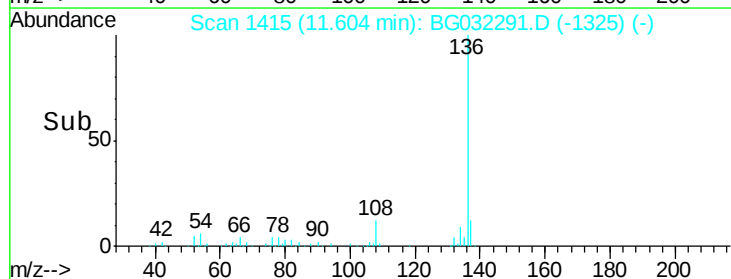
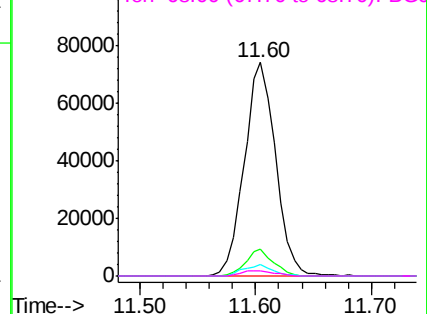
137 12.4 9.2 13.8

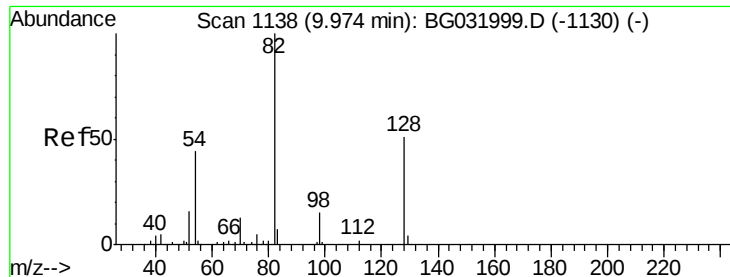
54 5.6 10.3 15.5#

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

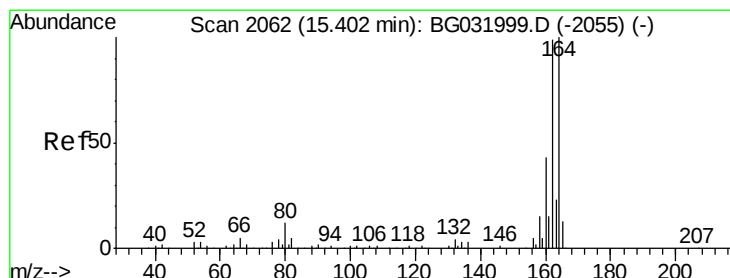
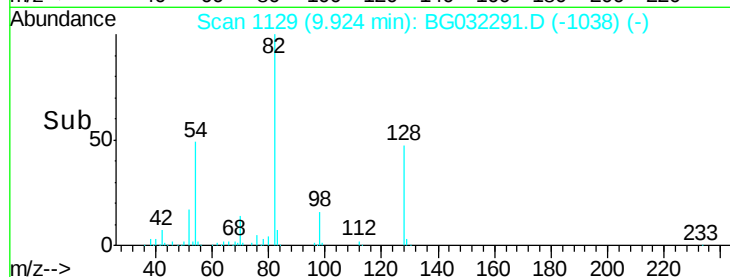
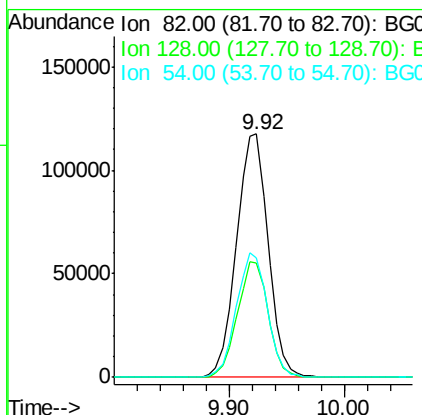
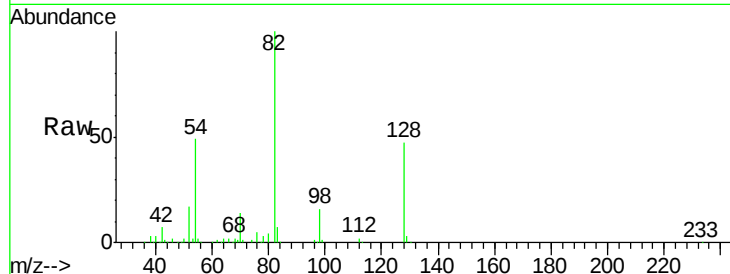




#23
 Nitrobenzene-d5
 Concen: 108.466 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BG032291.D
 Acq: 25 Jan 2018 10:47

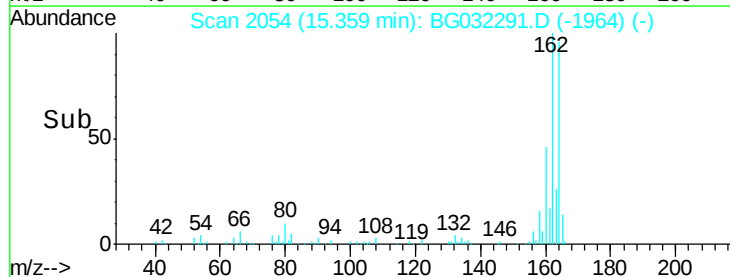
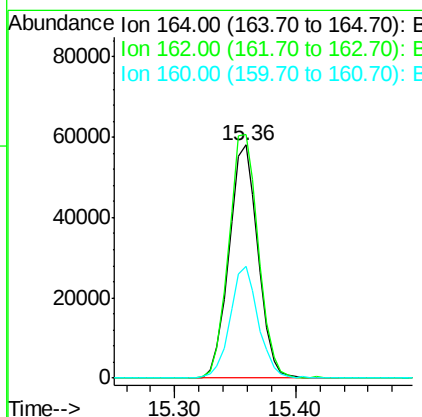
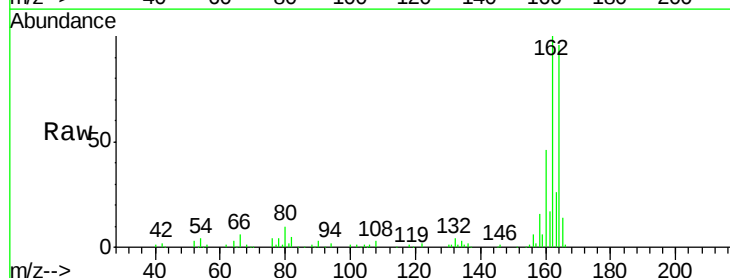
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PIERS

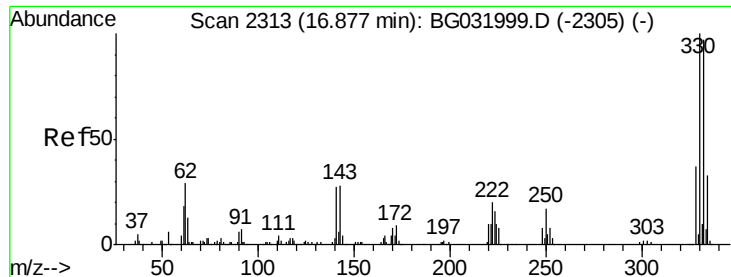
Tgt Ion: 82 Resp: 222946
 Ion Ratio Lower Upper
 82 100
 128 46.8 29.7 44.5#
 54 48.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG032291.D
 Acq: 25 Jan 2018 10:47

Tgt Ion: 164 Resp: 96491
 Ion Ratio Lower Upper
 164 100
 162 104.5 78.8 118.2
 160 48.1 35.4 53.0

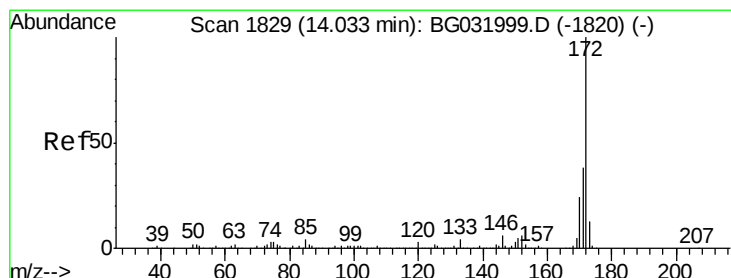
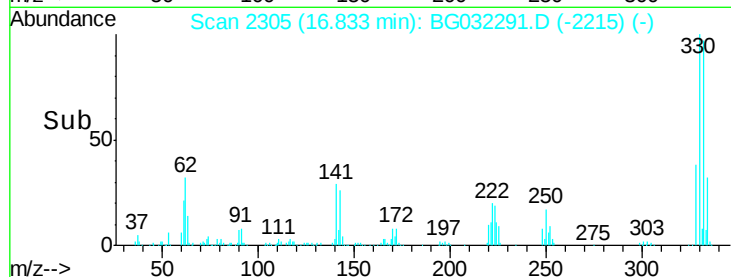
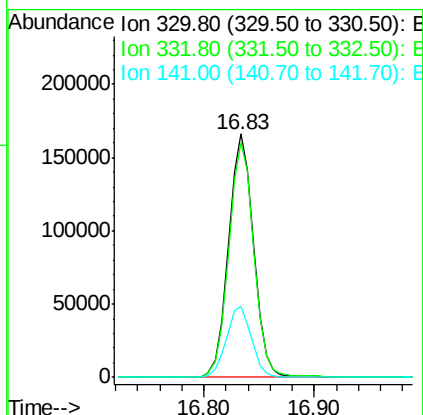
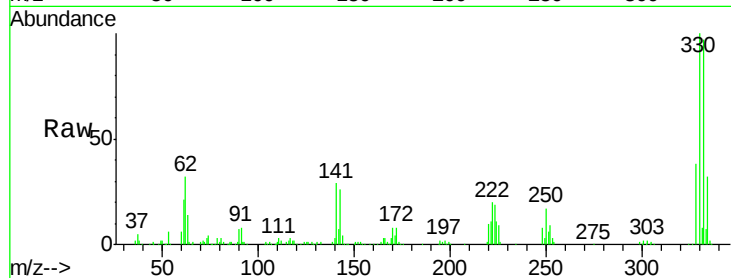




#41
 2,4,6-Tribromophenol
 Concen: 165.822 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG032291.D
 Acq: 25 Jan 2018 10:47

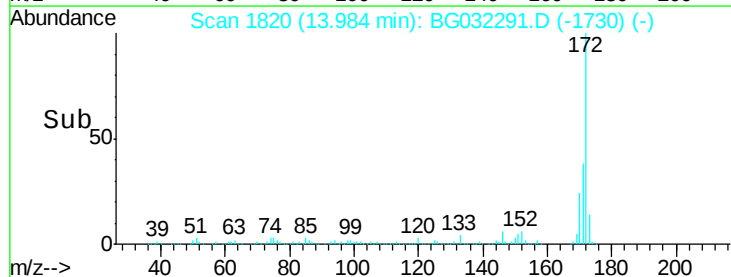
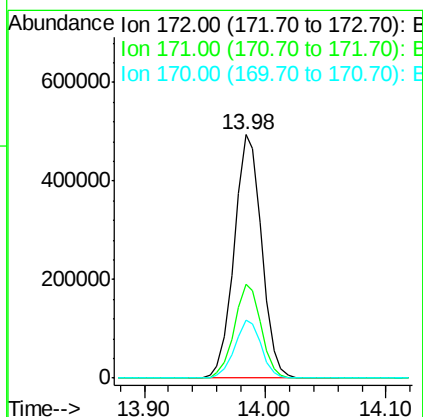
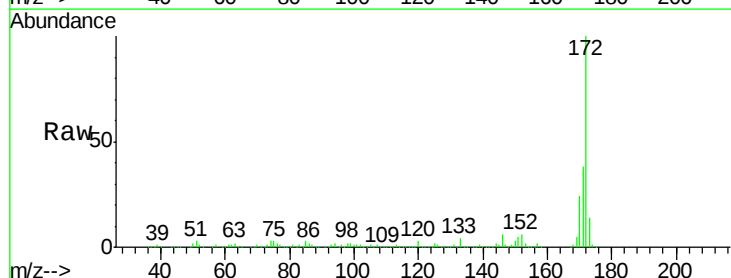
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PIERS

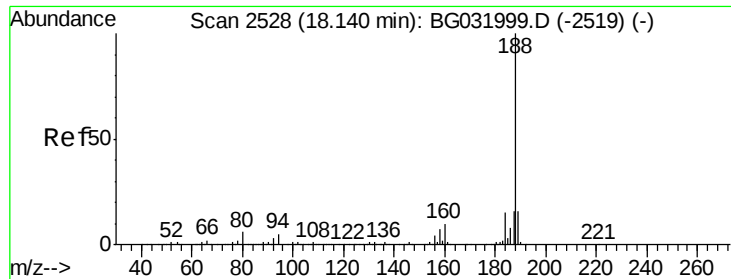
Tgt Ion:330 Resp: 264768
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 29.2 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 100.345 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032291.D
 Acq: 25 Jan 2018 10:47

Tgt Ion:172 Resp: 780865
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.0 45.0
 170 24.1 19.5 29.3

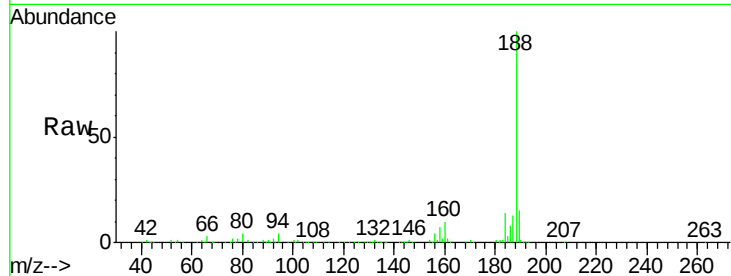




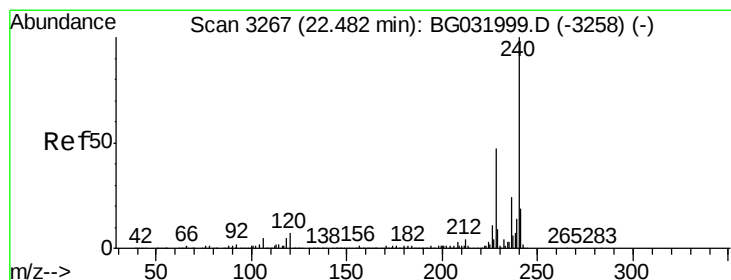
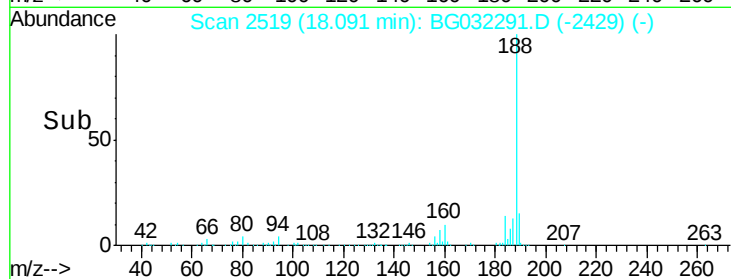
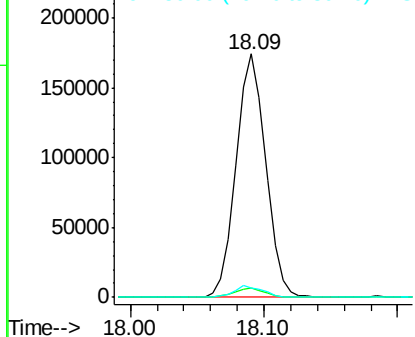
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032291.D
Acq: 25 Jan 2018 10:47

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PIERS

Tgt Ion:188 Resp: 268515
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 3.9 7.7 11.5#

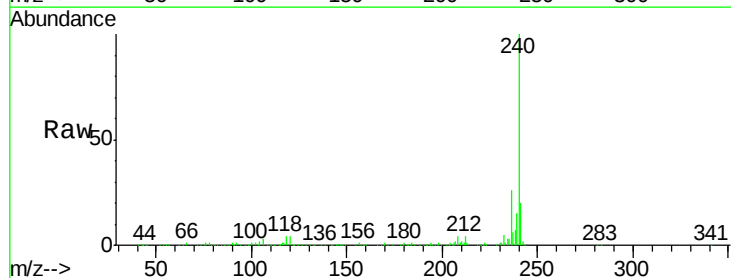


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

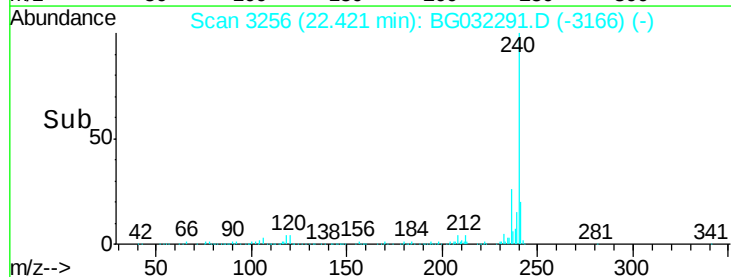
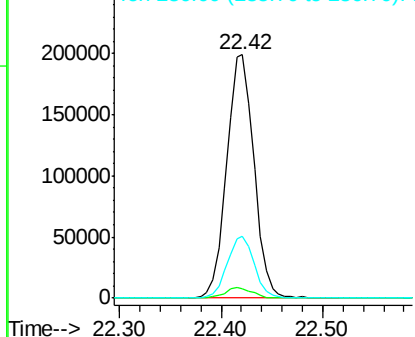


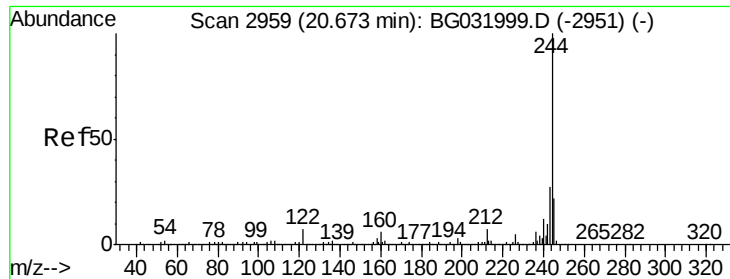
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BG032291.D
Acq: 25 Jan 2018 10:47

Tgt Ion:240 Resp: 370563
Ion Ratio Lower Upper
240 100
120 3.7 6.8 10.2#
236 25.7 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: 104.460 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PIERS

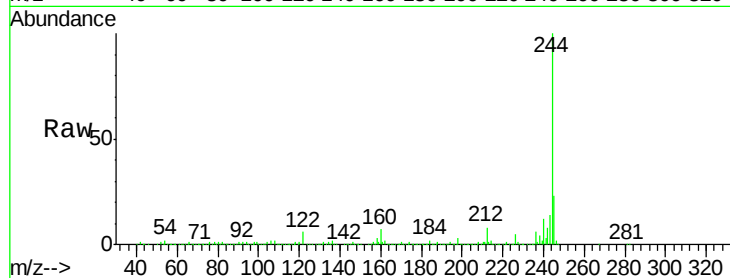
Tgt Ion:244 Resp: 1753093

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

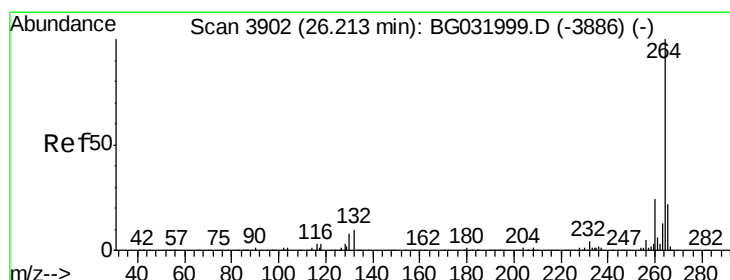
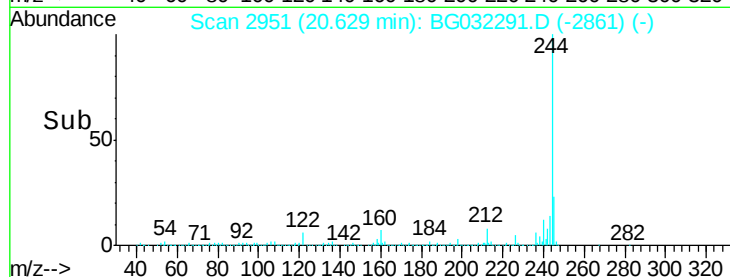
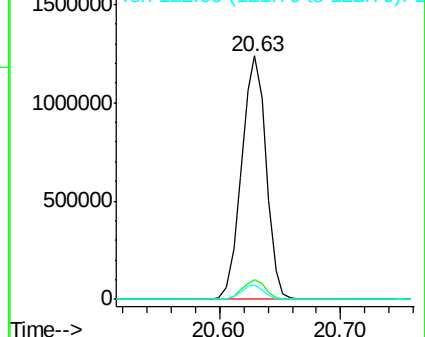
122 5.9 7.0 10.4#



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. -0.00 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

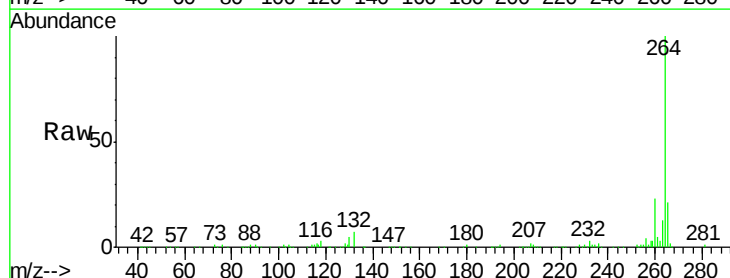
Tgt Ion:264 Resp: 385528

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 20.9 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

