

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
 Data File : BG029286.D
 Acq On : 17 Oct 2017 00:46
 Operator : SJ/JU
 Sample : I5833-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOIL

Quant Time: Oct 17 04:04:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	67075	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	323547	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	214506	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	491713	20.00	ng	0.00
75) Chrysene-d12	21.80	240	512472	20.00	ng	0.00
86) Perylene-d12	25.11	264	530979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	531164	132.29	ng	0.00
7) Phenol-d6	7.32	99	679376	120.54	ng	0.00
23) Nitrobenzene-d5	9.33	82	466744	91.67	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	356331	128.66	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1262731	86.34	ng	0.00
78) Terphenyl-d14	20.12	244	1879304	83.42	ng	0.00

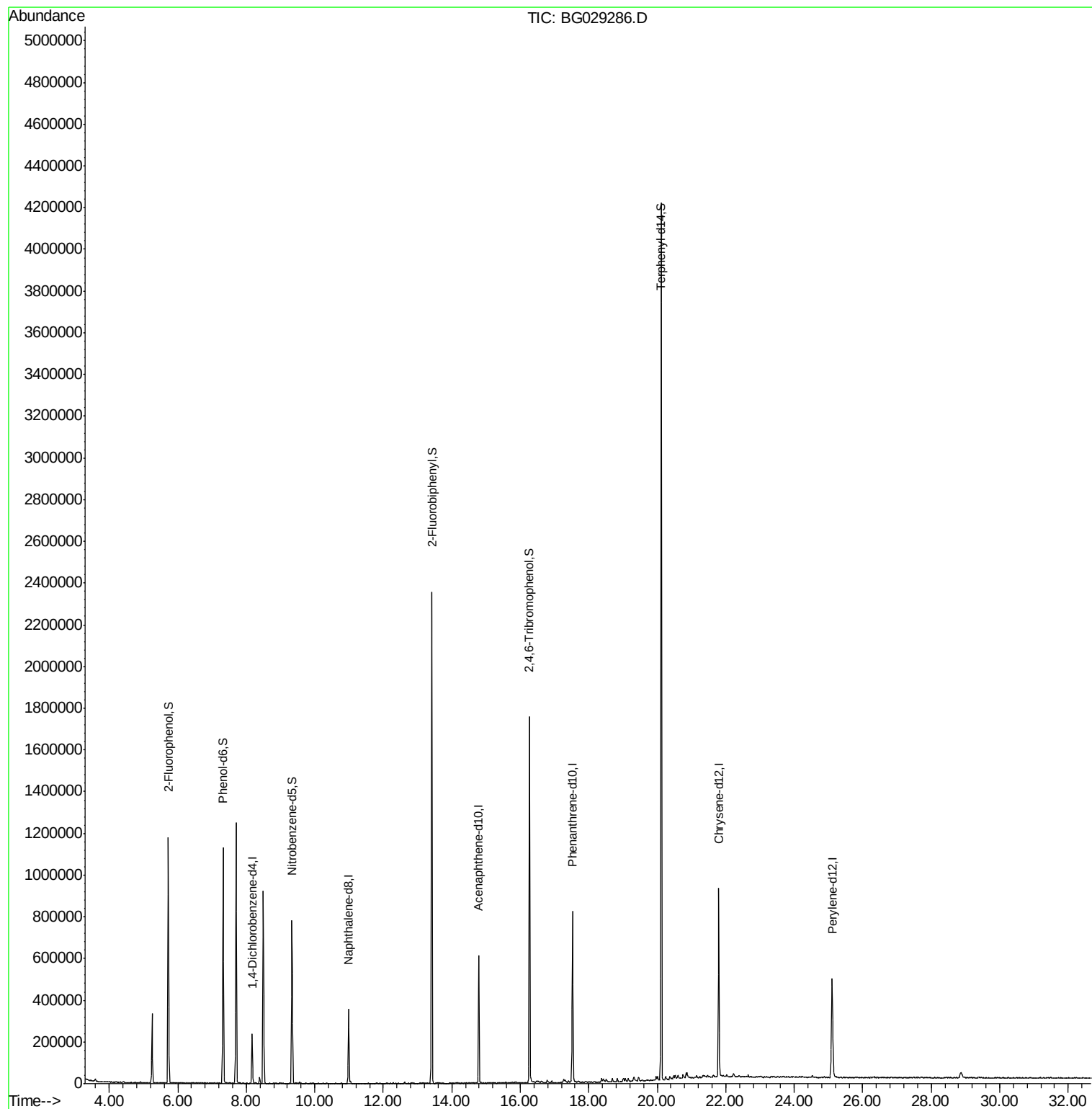
Target Compounds Qvalue

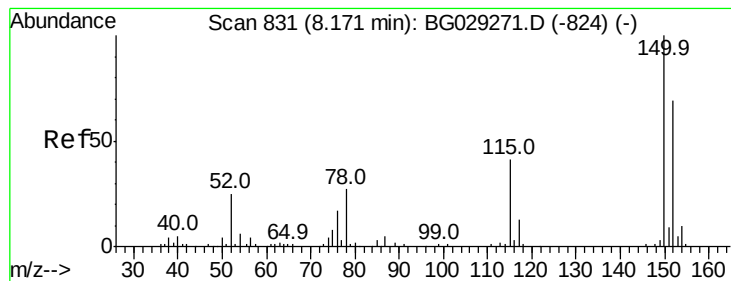
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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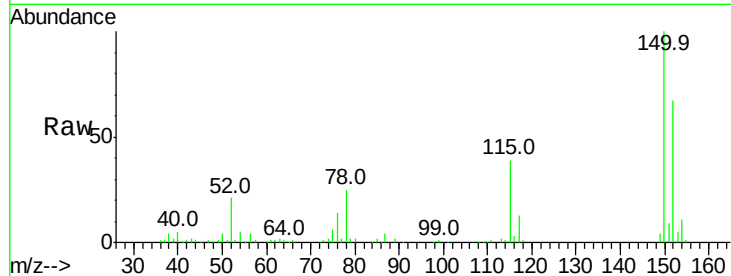


#1

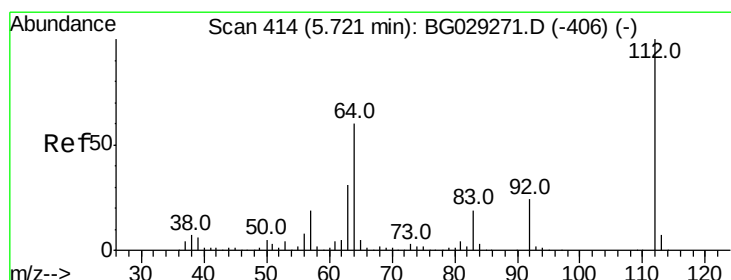
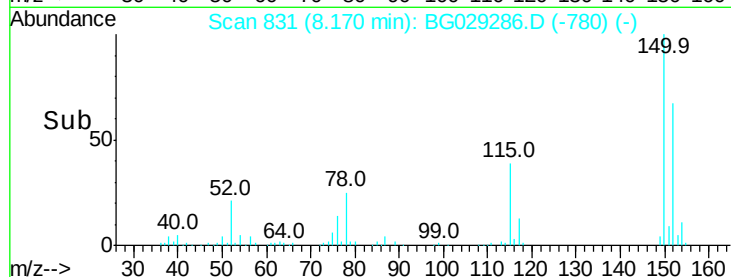
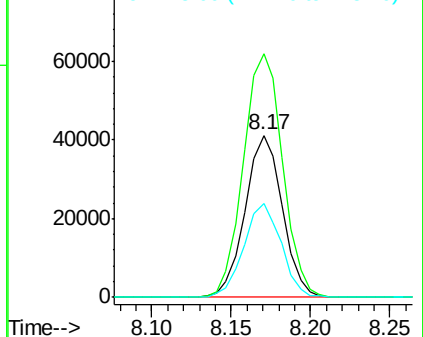
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029286.D
Acq: 17 Oct 2017 00:46

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOIL

Tot Ion:152 Resp: 67075
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 58.3 53.0 79.4



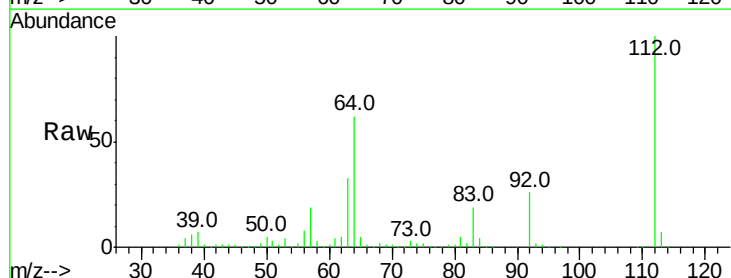
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



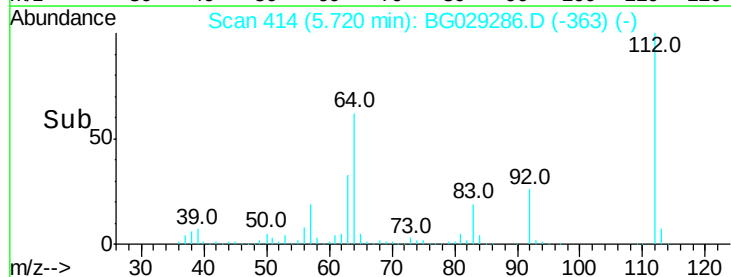
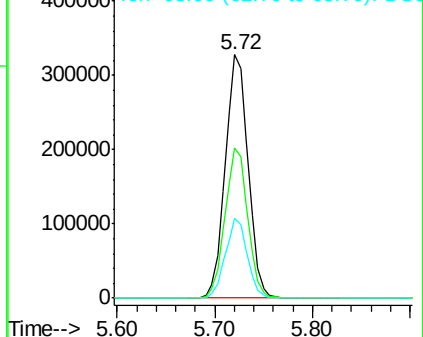
#5

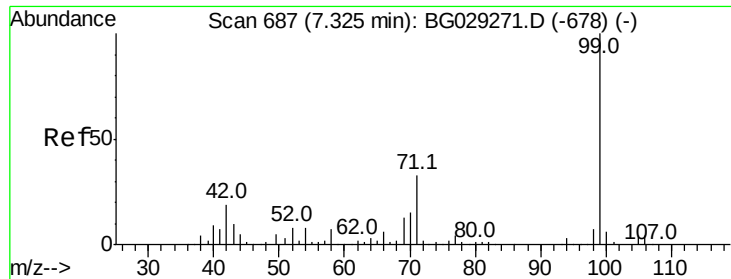
2-Fluorophenol
Concen: 132.290 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029286.D
Acq: 17 Oct 2017 00:46

Tgt Ion:112 Resp: 531164
Ion Ratio Lower Upper
112 100
64 61.9 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: 120.545 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG029286.D

Acq: 17 Oct 2017 00:46

Instrument :

BNA_G

ClientSampleId :

WC-101117-SOIL

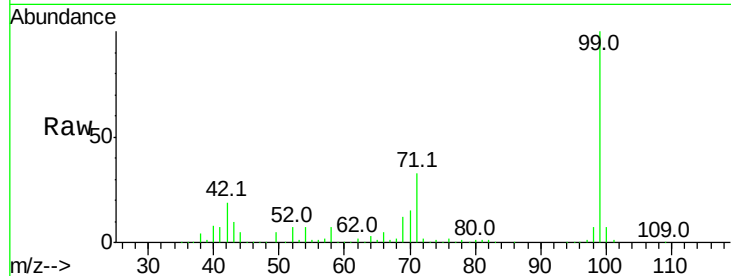
Tot Ion: 99 Resp: 679376

Ion Ratio Lower Upper

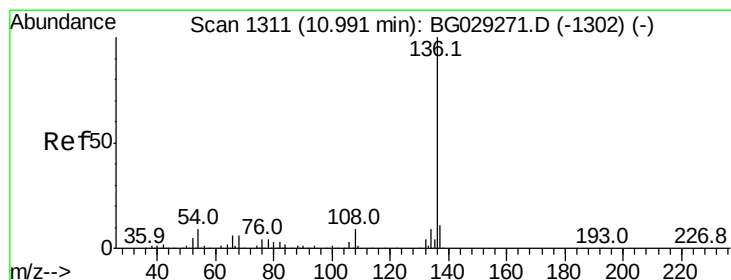
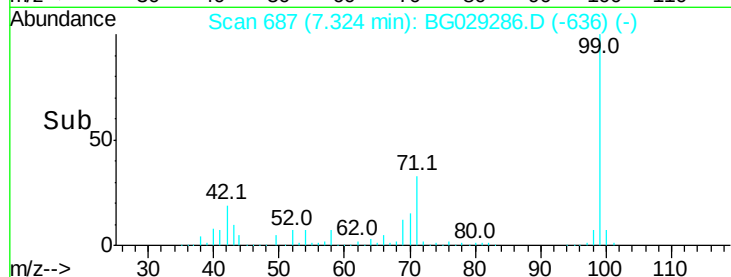
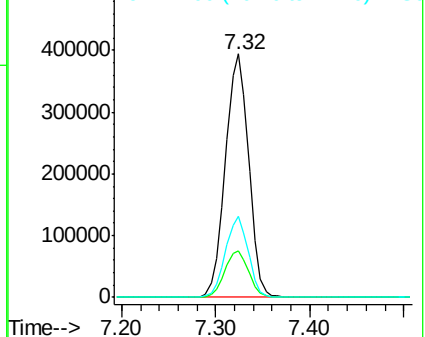
99 100

42 19.2 14.1 21.1

71 33.3 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: 10.99 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG029286.D

Acq: 17 Oct 2017 00:46

Tgt Ion: 136 Resp: 323547

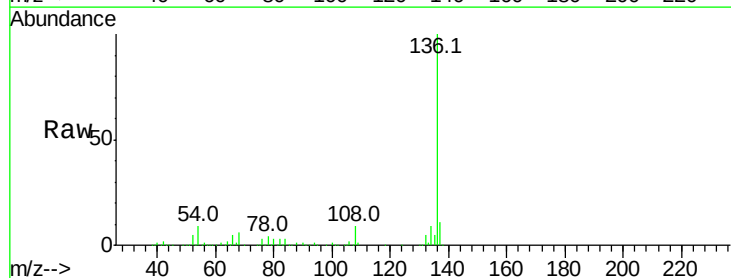
Ion Ratio Lower Upper

136 100

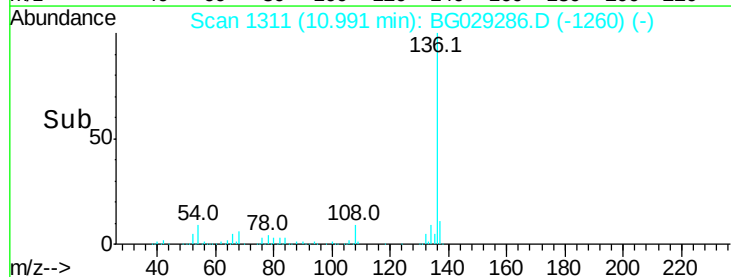
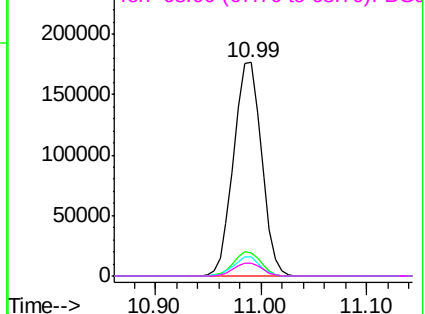
137 10.9 9.2 13.8

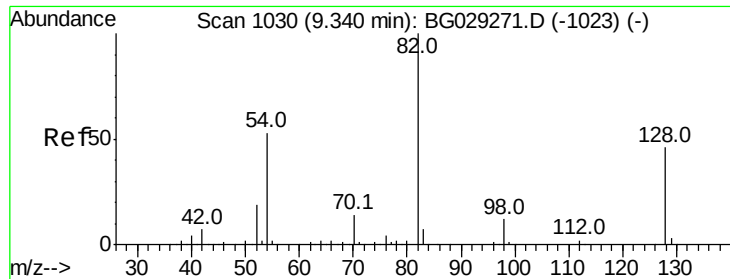
54 9.0 10.3 15.5#

68 5.8 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

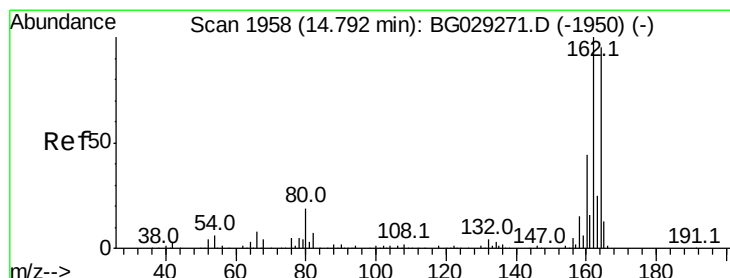
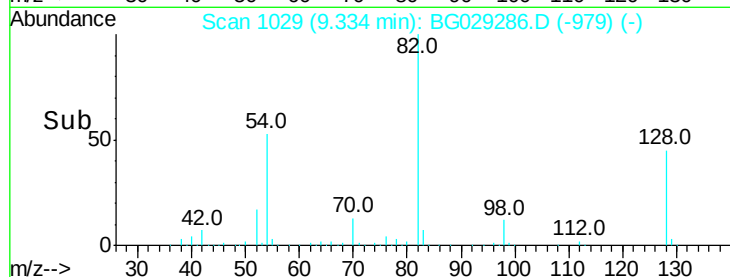
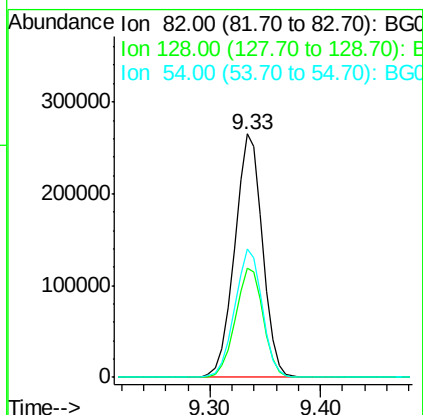
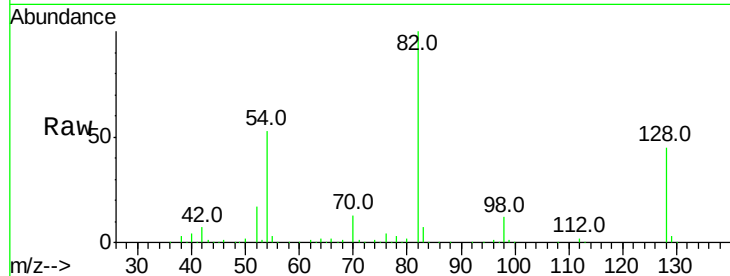




#23
Nitrobenzene-d5
Concen: 91.672 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029286.D
Acq: 17 Oct 2017 00:46

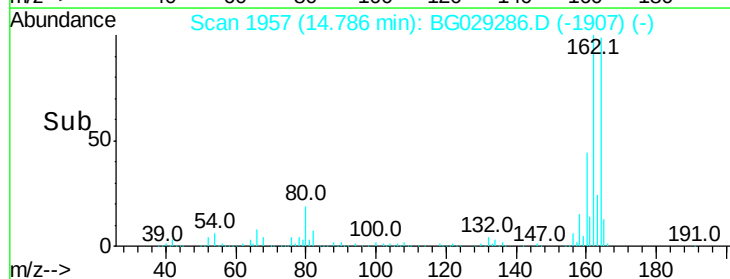
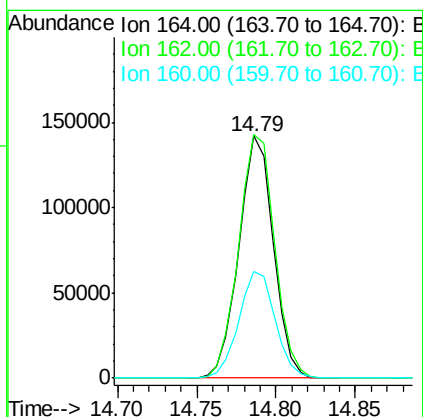
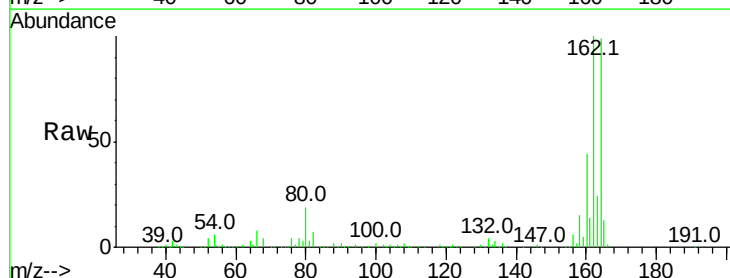
Instrument :
BNA_G
ClientSampleId :
WC-101117-SOIL

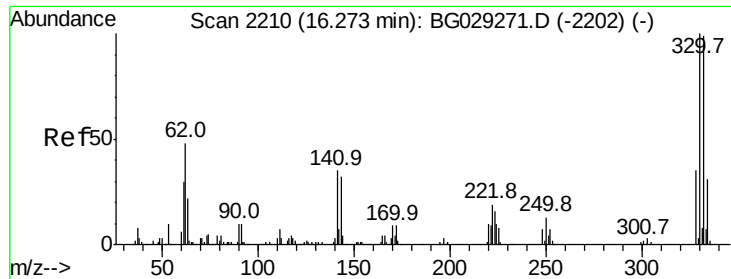
Tot Ion: 82 Resp: 466744
Ion Ratio Lower Upper
82 100
128 45.0 29.7 44.5#
54 52.6 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029286.D
Acq: 17 Oct 2017 00:46

Tgt Ion:164 Resp: 214506
Ion Ratio Lower Upper
164 100
162 100.7 78.8 118.2
160 44.2 35.4 53.0

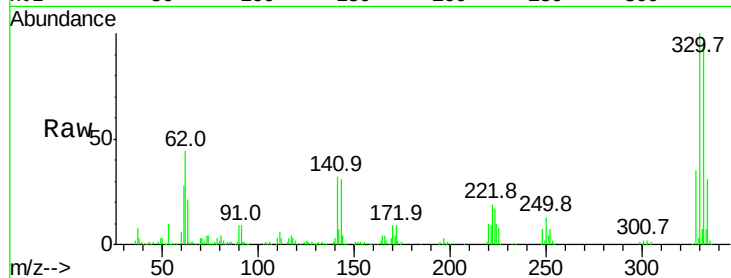




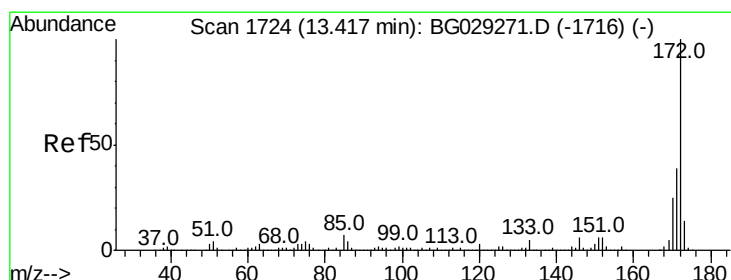
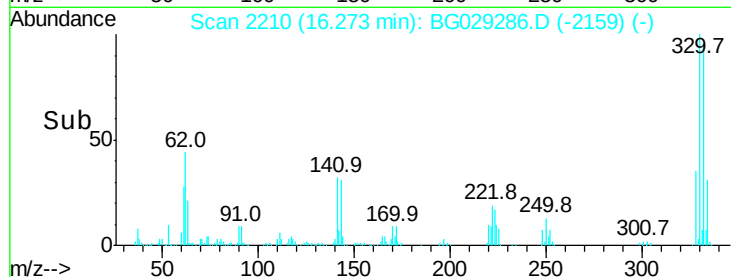
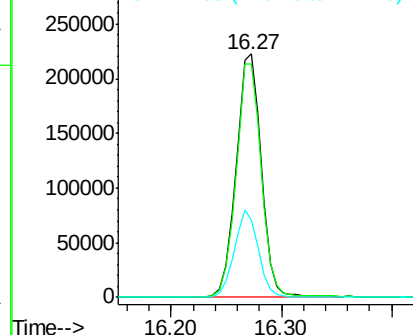
#41
 2,4,6-Tribromophenol
 Concen: 128.663 ng
 RT: 16.27 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG029286.D
 Acq: 17 Oct 2017 00:46

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOIL

Tot Ion:330 Resp: 356331
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 34.2 25.2 37.8

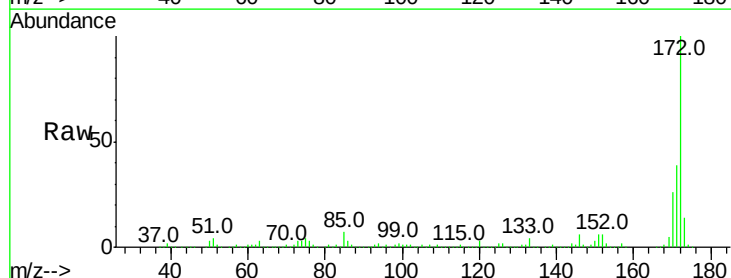


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

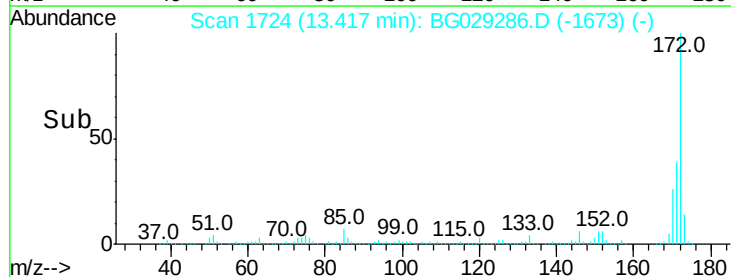
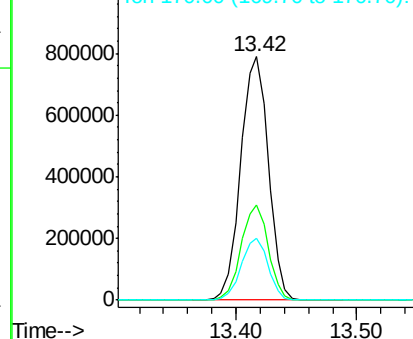


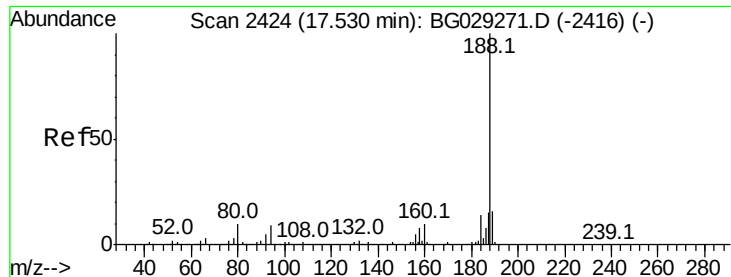
#44
 2-Fluorobiphenyl
 Concen: 86.337 ng
 RT: 13.42 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG029286.D
 Acq: 17 Oct 2017 00:46

Tgt Ion:172 Resp: 1262731
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.0 45.0
 170 25.5 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: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG029286.D

Acq: 17 Oct 2017 00:46

Instrument :

BNA_G

ClientSampleId :

WC-101117-SOIL

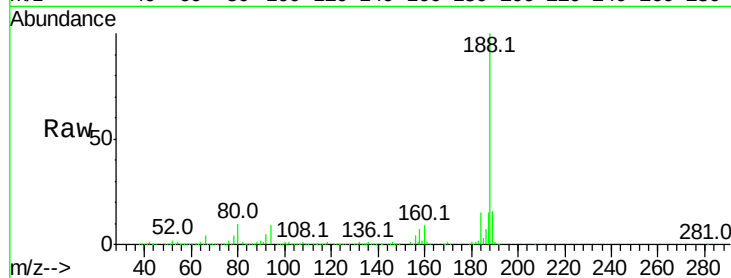
Tot Ion:188 Resp: 491713

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

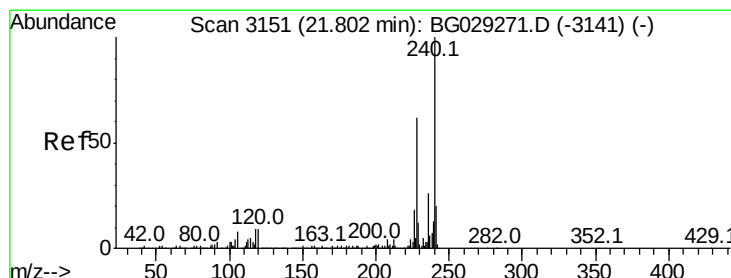
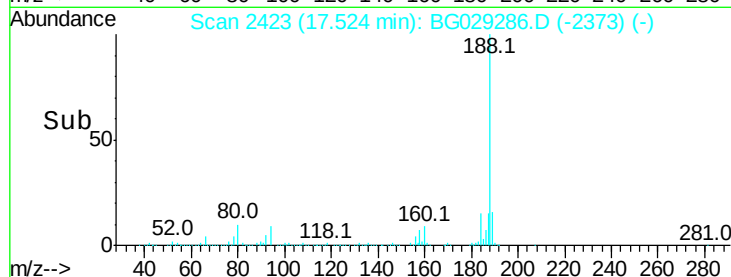
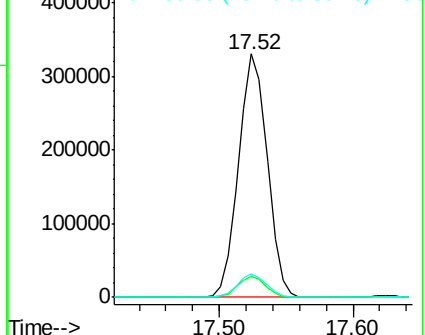
80 9.6 7.7 11.5



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: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG029286.D

Acq: 17 Oct 2017 00:46

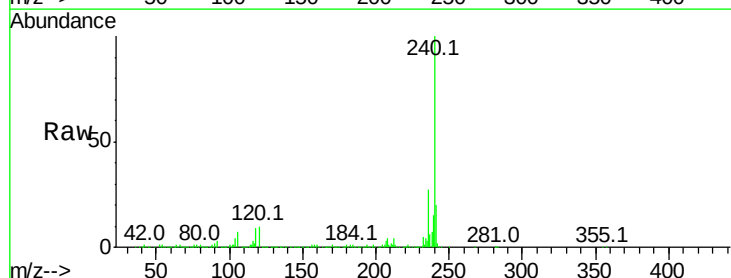
Tgt Ion:240 Resp: 512472

Ion Ratio Lower Upper

240 100

120 10.1 6.8 10.2

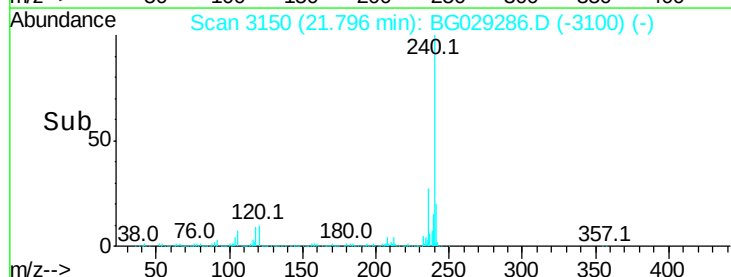
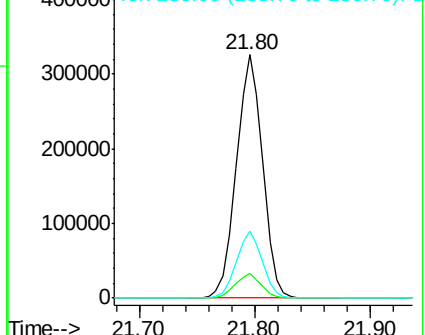
236 27.3 20.9 31.3

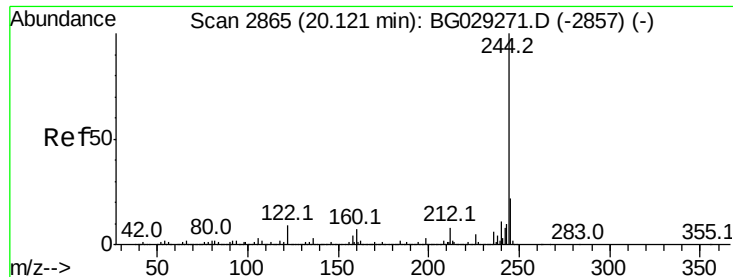


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.425 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029286.D

Acq: 17 Oct 2017 00:46

Instrument :

BNA_G

ClientSampleId :

WC-101117-SOIL

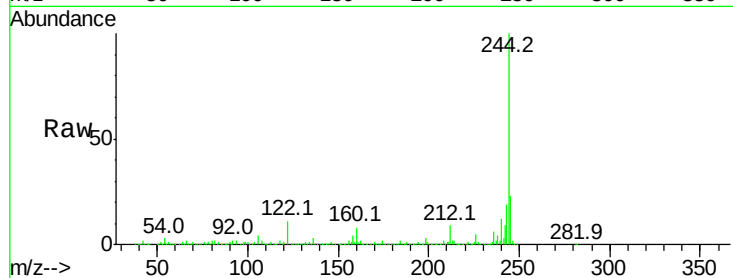
Tot Ion:244 Resp: 1879304

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

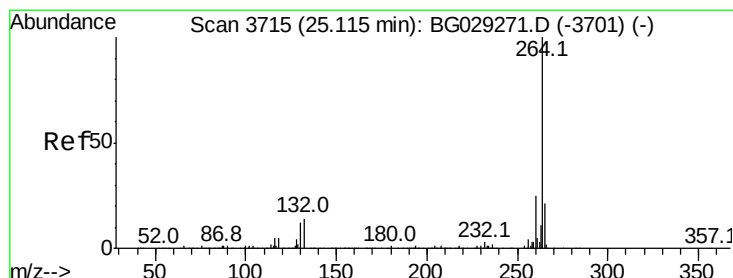
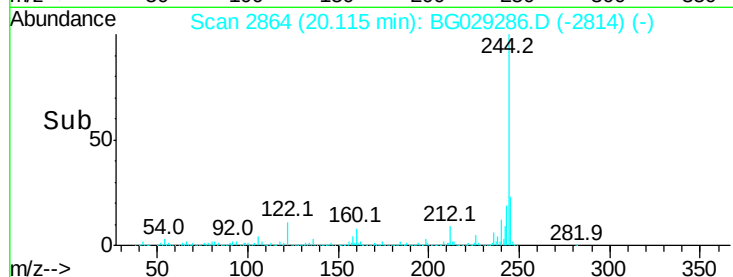
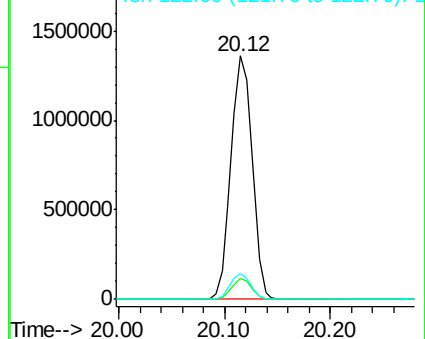
122 10.6 7.0 10.4#



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: 25.11 min Scan# 3714

Delta R.T. -0.01 min

Lab File: BG029286.D

Acq: 17 Oct 2017 00:46

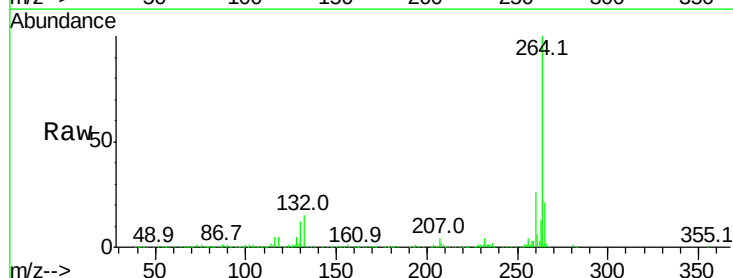
Tgt Ion:264 Resp: 530979

Ion Ratio Lower Upper

264 100

260 25.6 17.4 26.0

265 21.4 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

