

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010318\
Data File : BG031909.D
Acq On : 4 Jan 2018 3:15
Operator : SJ/JU
Sample : J1008-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Quant Time: Jan 04 08:28:47 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	55072	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	220976	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	154429	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	395296	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	440458	20.00	ng	-0.02
86) Perylene-d12	26.23	264	454983	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	370875	122.66	ng	0.00
7) Phenol-d6	7.89	99	437752	111.51	ng	0.00
23) Nitrobenzene-d5	9.99	82	310061	105.95	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	315729	133.99	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1085179	88.20	ng	0.00
78) Terphenyl-d14	20.68	244	1840203	95.45	ng	0.00

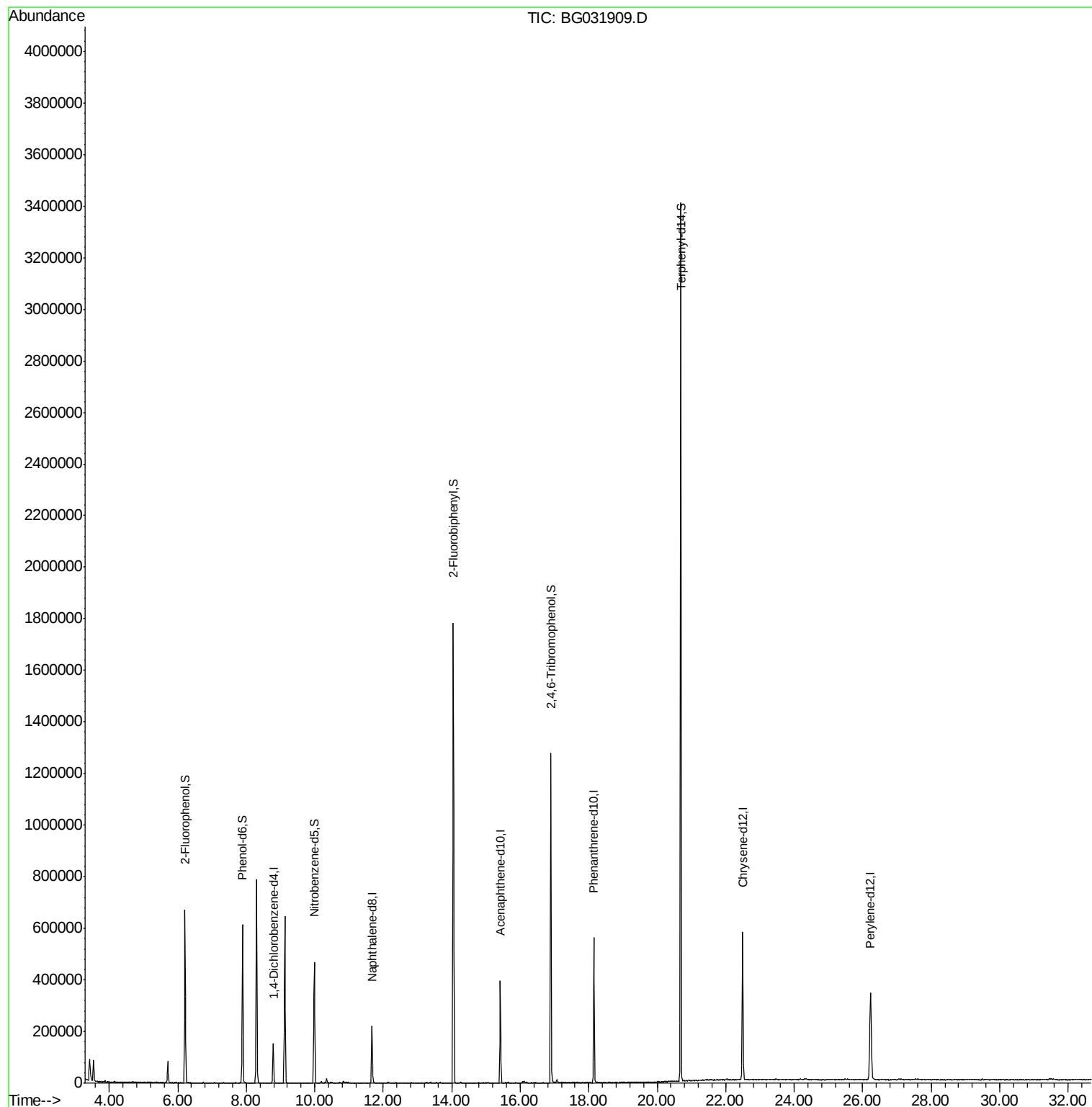
Target Compounds	Qvalue
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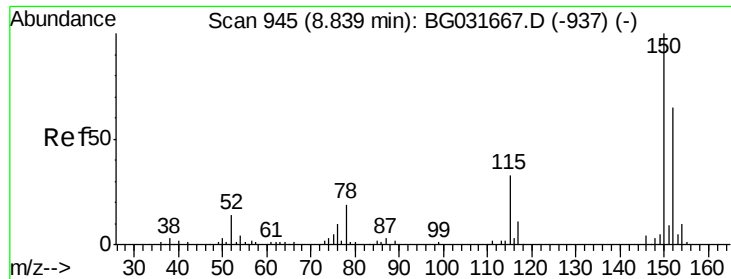
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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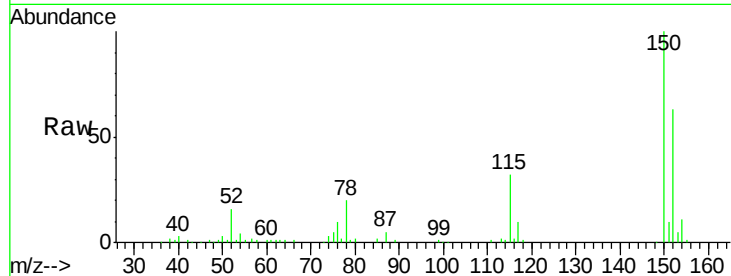


#1

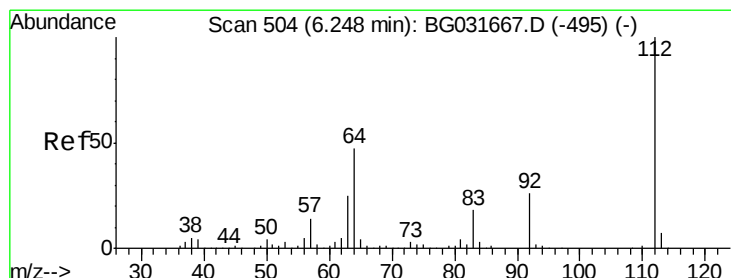
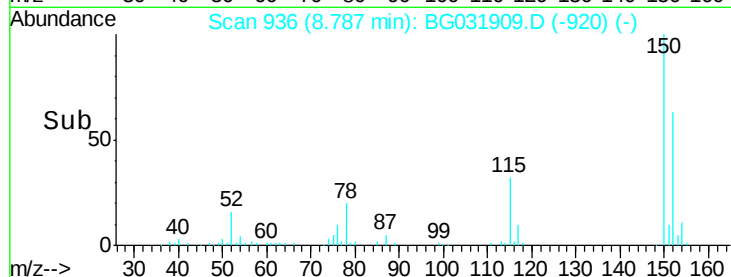
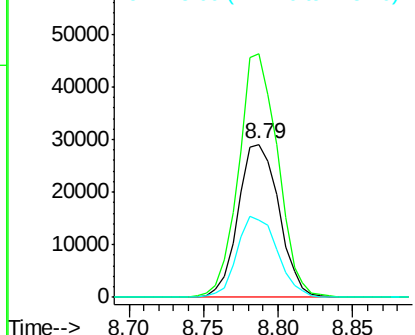
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031909.D
Acq: 4 Jan 2018 3:15

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:152 Resp: 55072
Ion Ratio Lower Upper
152 100
150 159.0 126.6 189.8
115 50.5 53.0 79.4#



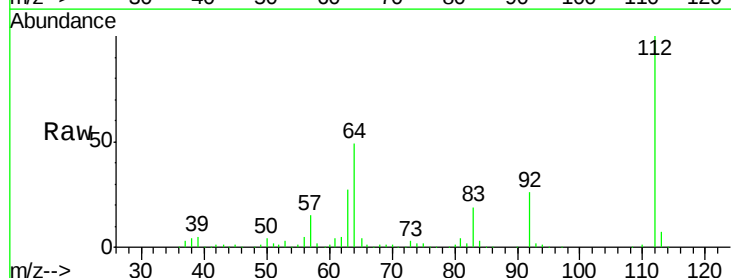
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



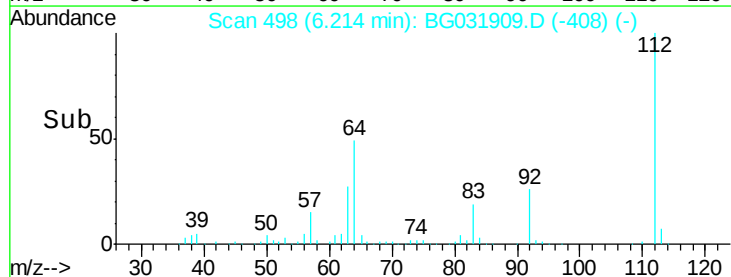
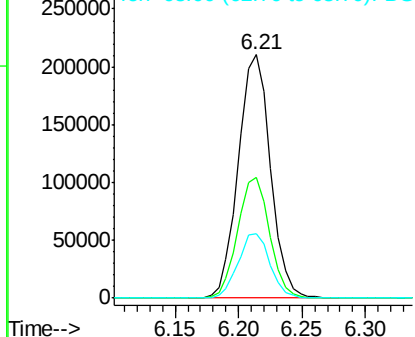
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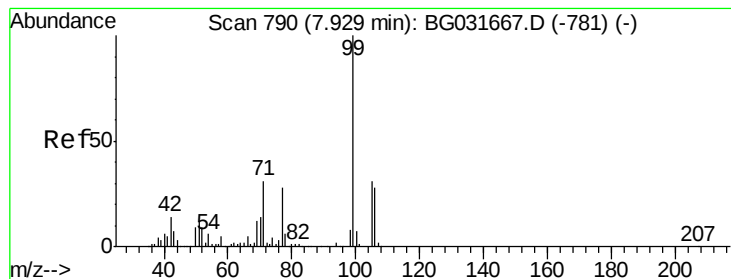
2-Fluorophenol
Concen: 122.659 ng
RT: 6.21 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG031909.D
Acq: 4 Jan 2018 3:15

Tgt Ion:112 Resp: 370875
Ion Ratio Lower Upper
112 100
64 49.4 56.3 84.5#
63 26.6 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: 111.510 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031909.D

Acq: 4 Jan 2018 3:15

Instrument :

BNA_G

ClientSampleId :

SOIL-CUTTINGS

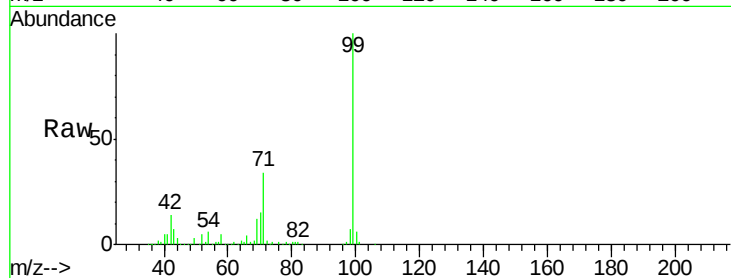
Tgt Ion: 99 Resp: 437752

Ion Ratio Lower Upper

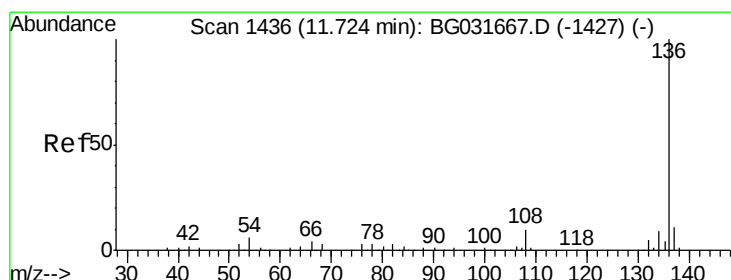
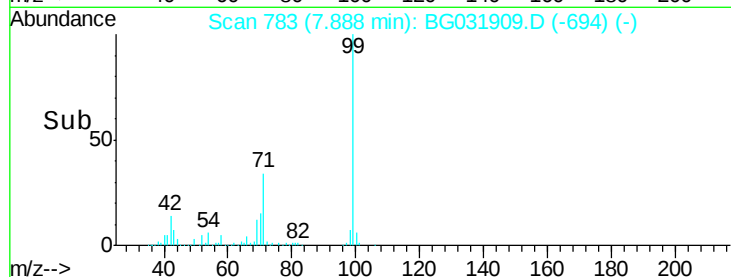
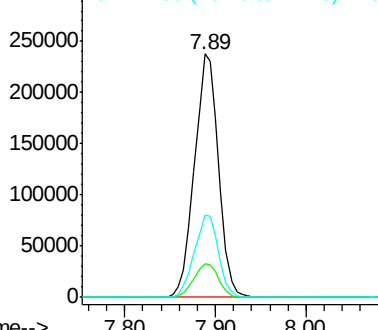
99 100

42 13.8 14.1 21.1#

71 33.7 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: 11.67 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BG031909.D

Acq: 4 Jan 2018 3:15

Tgt Ion: 136 Resp: 220976

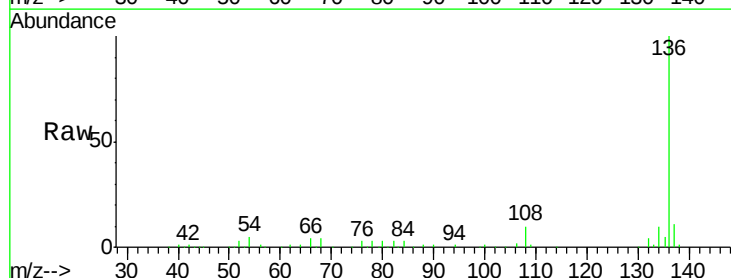
Ion Ratio Lower Upper

136 100

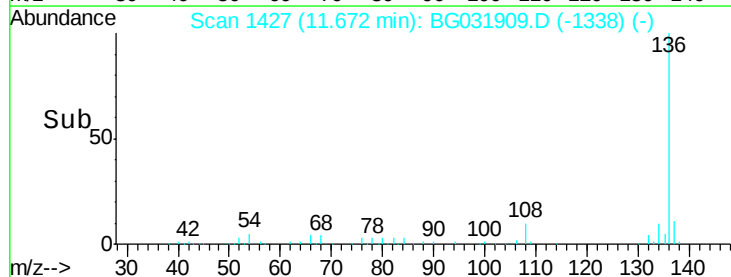
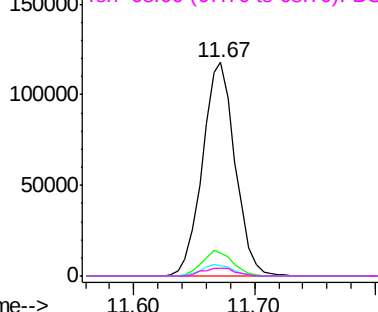
137 10.6 9.2 13.8

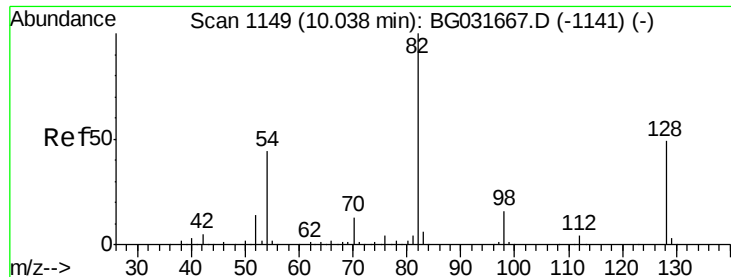
54 4.7 10.3 15.5#

68 3.8 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

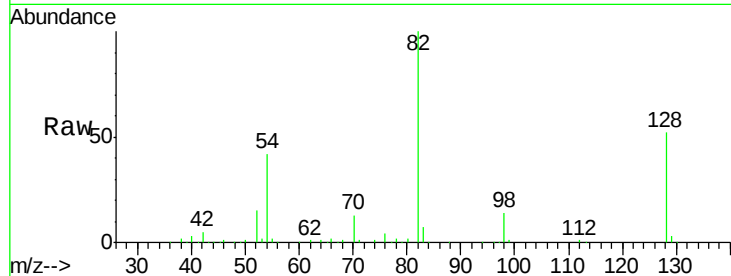




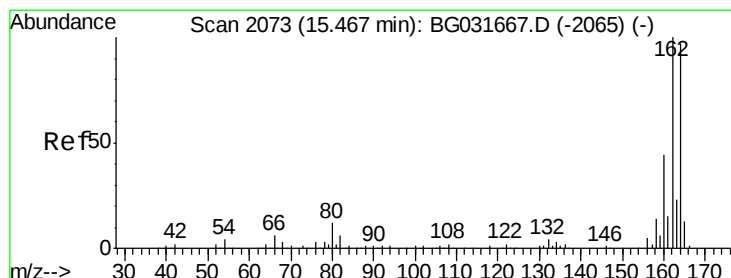
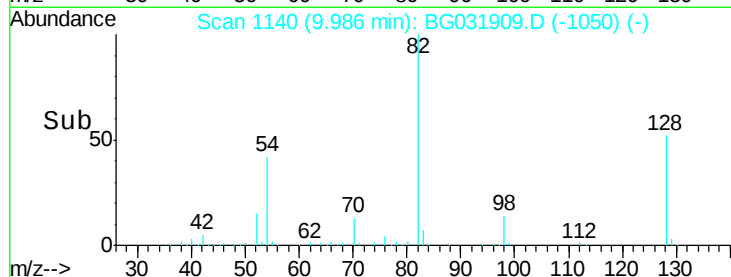
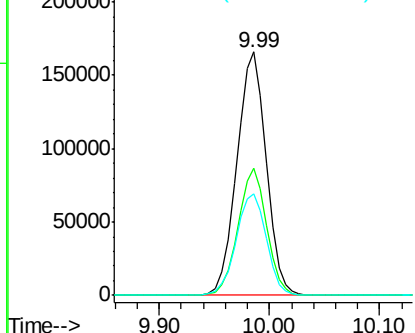
#23
Nitrobenzene-d5
Concen: 105.954 ng
RT: 9.99 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BG031909.D
Acq: 4 Jan 2018 3:15

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 82 Resp: 310061
Ion Ratio Lower Upper
82 100
128 52.3 29.7 44.5#
54 41.5 43.1 64.7#

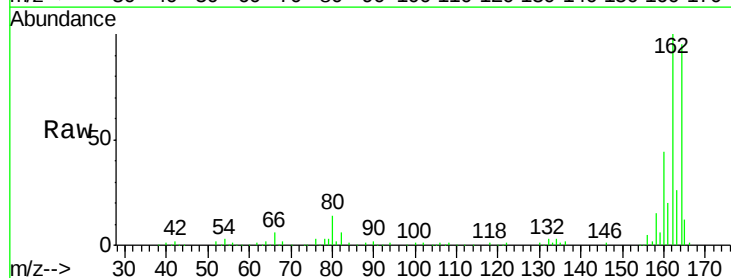


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

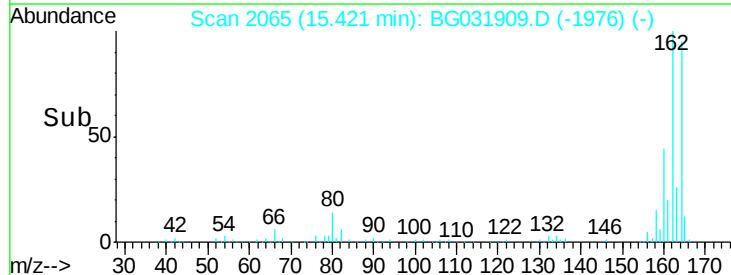
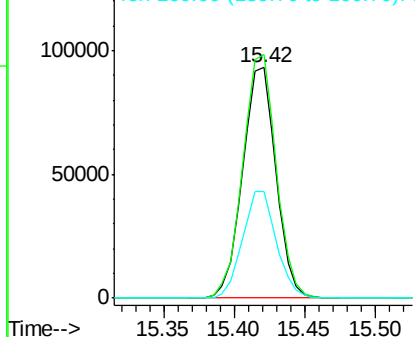


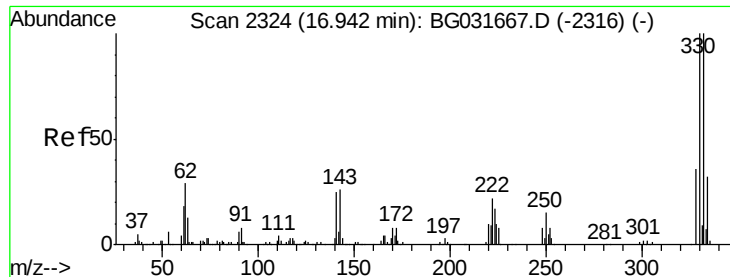
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG031909.D
Acq: 4 Jan 2018 3:15

Tgt Ion: 164 Resp: 154429
Ion Ratio Lower Upper
164 100
162 105.7 78.8 118.2
160 46.3 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

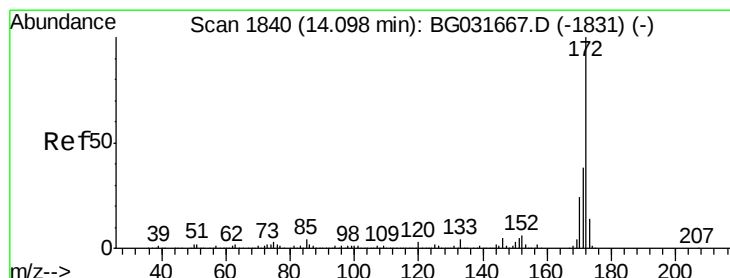
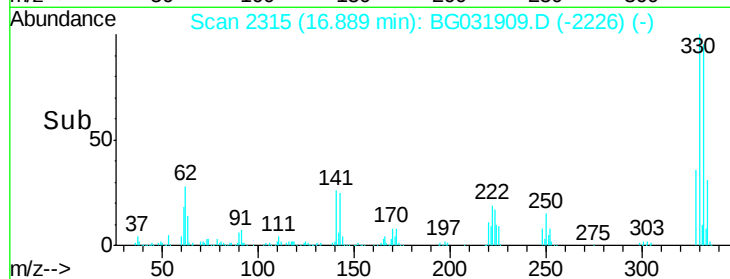
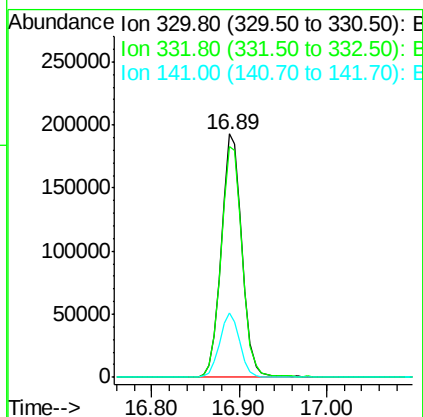
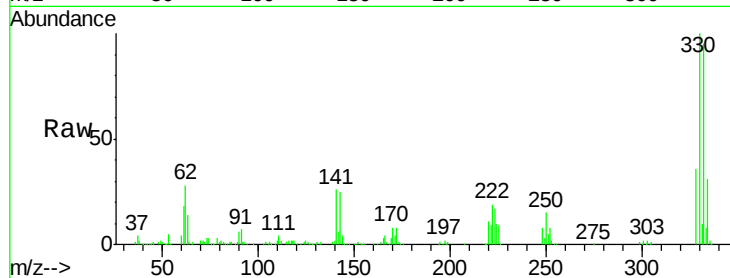




#41
 2,4,6-Tribromophenol
 Concen: 133.989 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031909.D
 Acq: 4 Jan 2018 3:15

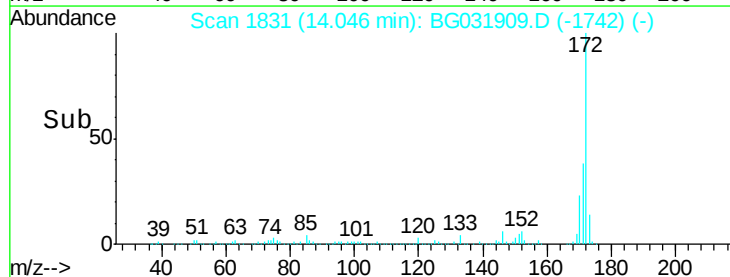
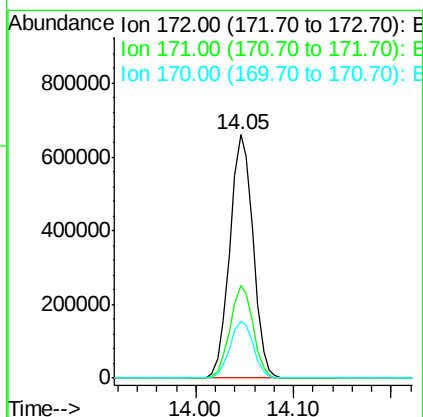
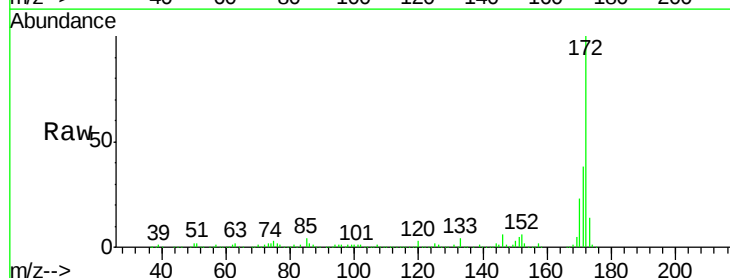
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-CUTTINGS

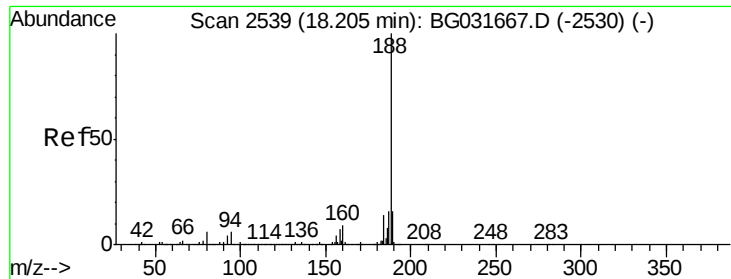
Tgt Ion:330 Resp: 315729
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 25.7 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 88.199 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031909.D
 Acq: 4 Jan 2018 3:15

Tgt Ion:172 Resp: 1085179
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 23.4 19.5 29.3

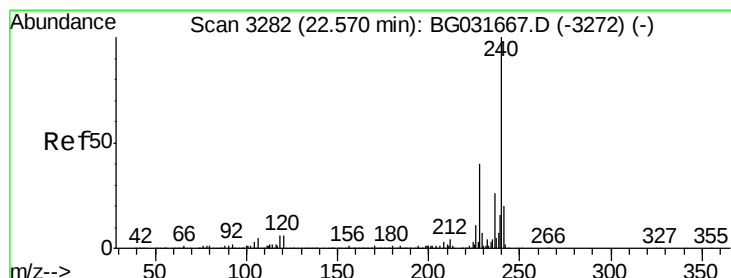
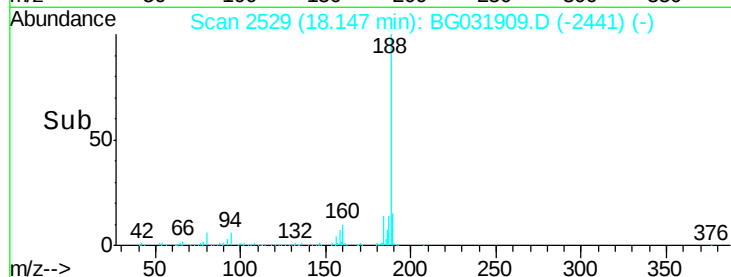
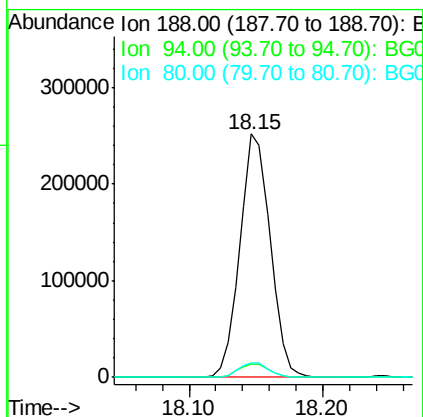
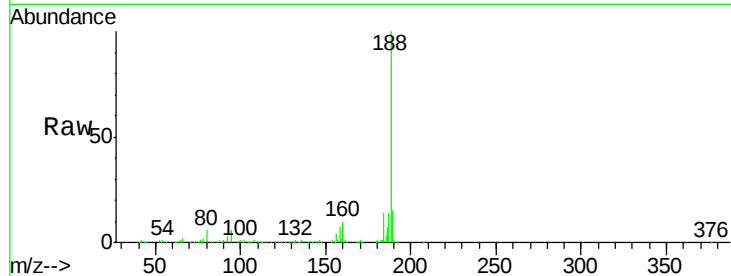




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031909.D
Acq: 4 Jan 2018 3:15

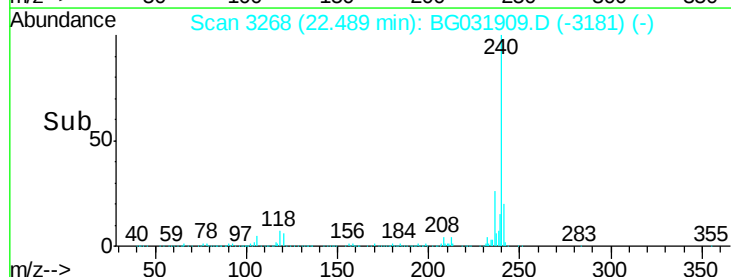
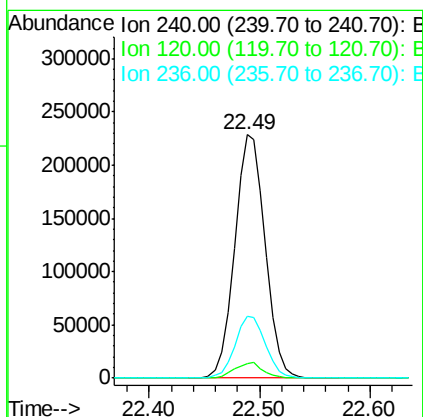
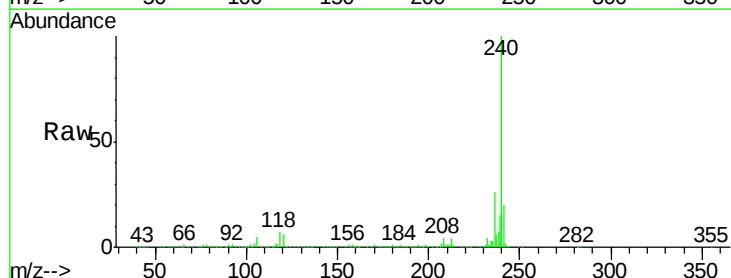
Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

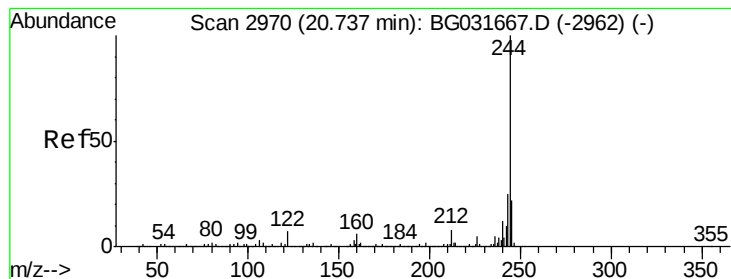
Tgt Ion:188 Resp: 395296
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 5.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031909.D
Acq: 4 Jan 2018 3:15

Tgt Ion:240 Resp: 440458
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 95.451 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031909.D

Acq: 4 Jan 2018 3:15

Instrument :

BNA_G

ClientSampleId :

SOIL-CUTTINGS

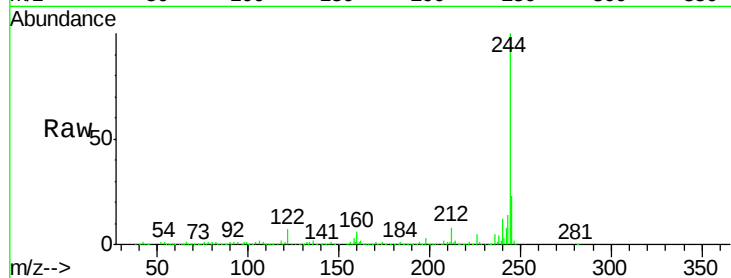
Tgt Ion:244 Resp: 1840203

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

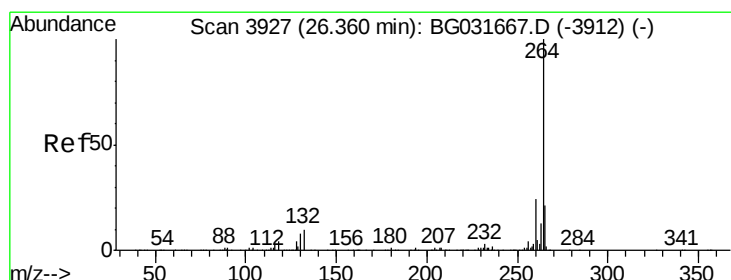
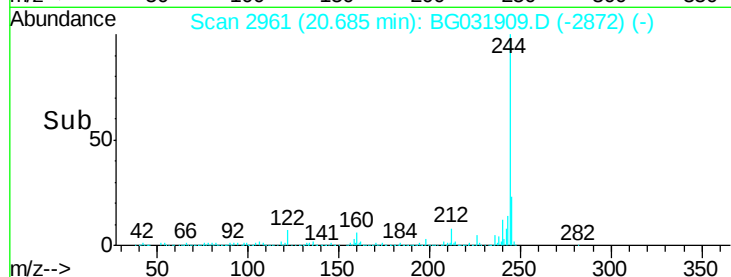
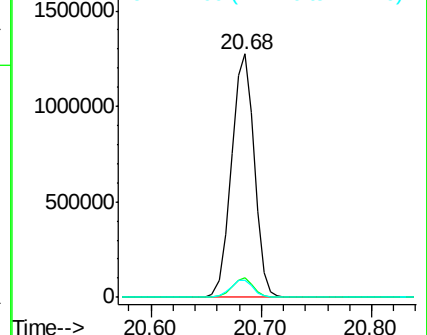
122 7.0 7.0 10.4



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: 26.23 min Scan# 3904

Delta R.T. -0.03 min

Lab File: BG031909.D

Acq: 4 Jan 2018 3:15

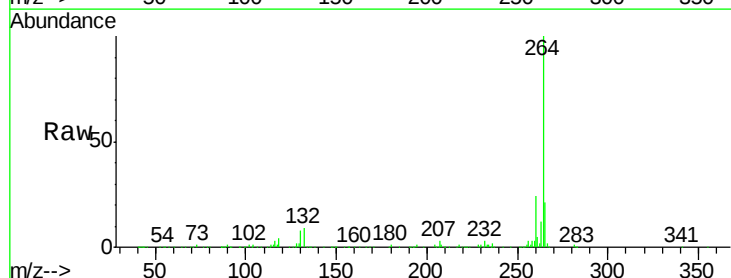
Tgt Ion:264 Resp: 454983

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.7 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

