

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032496.D
 Acq On : 1 Feb 2018 19:07
 Operator : SJ/JU
 Sample : J1413-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-1

Quant Time: Feb 02 02:59:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	29429	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	113994	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	81690	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	210990	20.00	ng	0.00
75) Chrysene-d12	22.41	240	275023	20.00	ng	0.00
86) Perylene-d12	26.09	264	298595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	194343	132.64	ng	0.00
7) Phenol-d6	7.84	99	213547	109.22	ng	0.00
23) Nitrobenzene-d5	9.91	82	169126	92.67	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	220476	141.79	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	621550	90.43	ng	0.00
78) Terphenyl-d14	20.62	244	1245841	97.04	ng	0.00

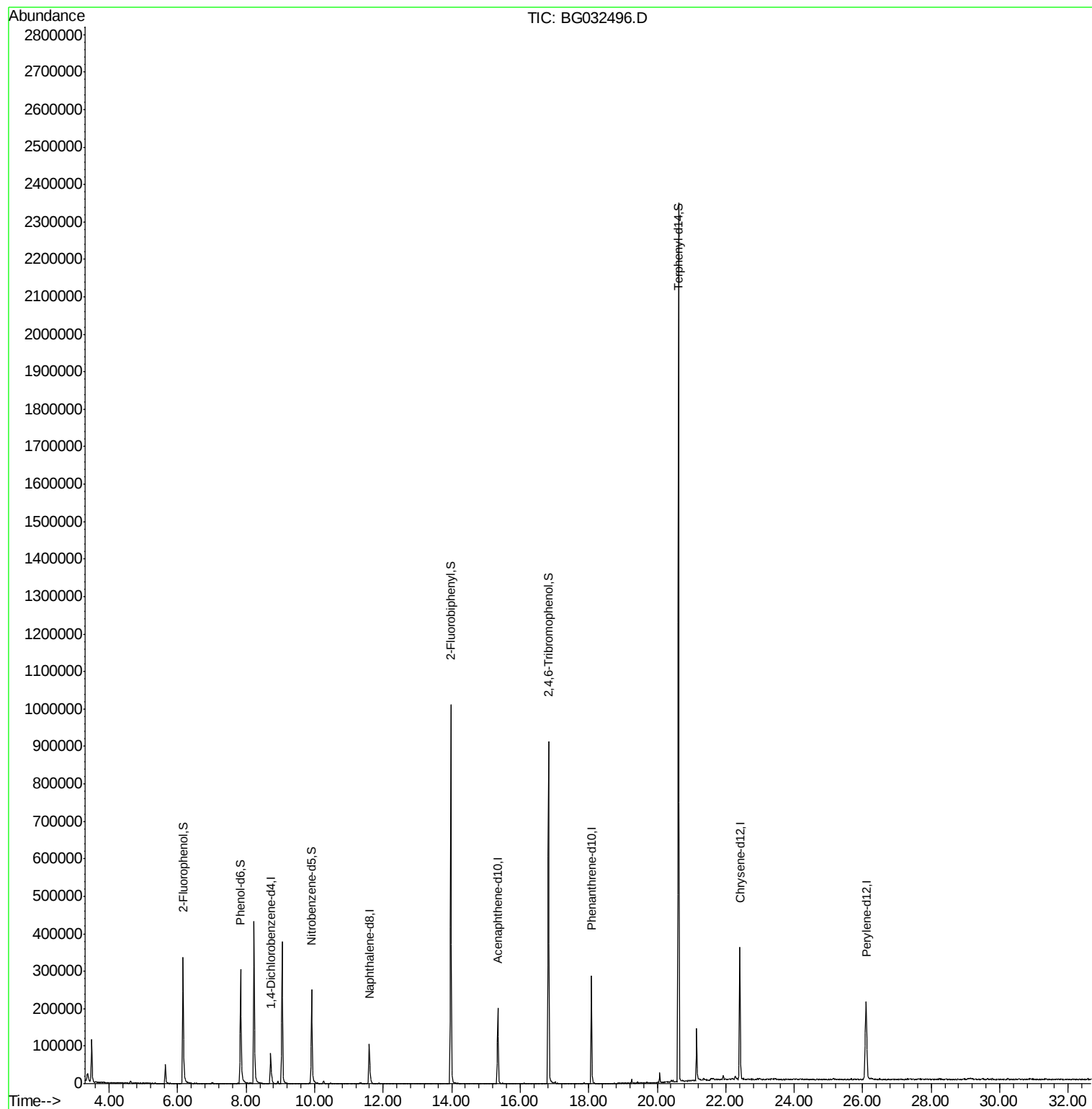
Target Compounds Qvalue

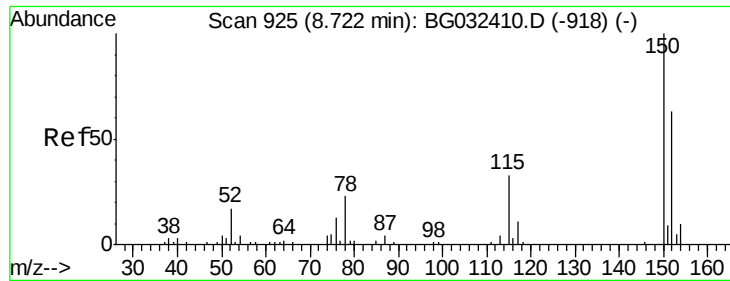
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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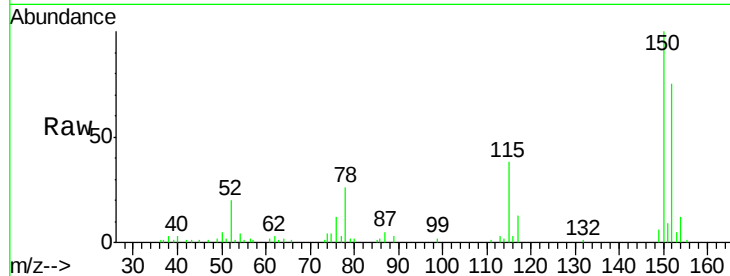


#1

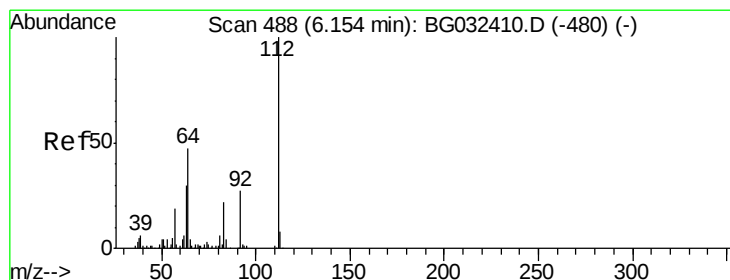
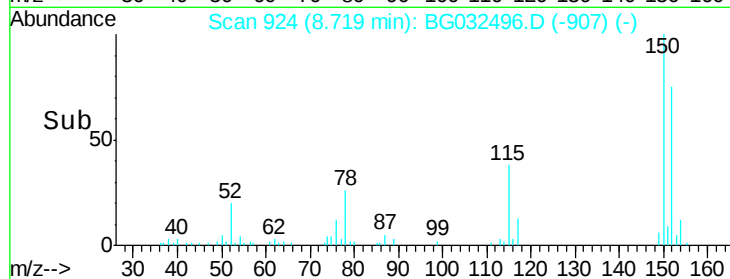
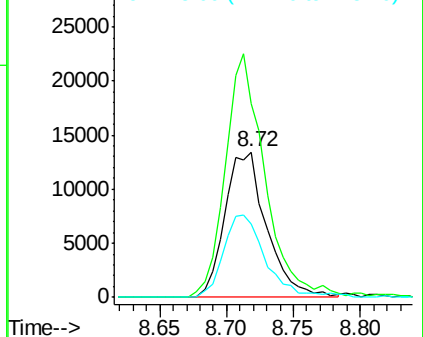
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032496.D
Acq: 1 Feb 2018 19:07

Instrument :
BNA_G
ClientSampled :
SOIL-1

Tot Ion:152 Resp: 29429
Ion Ratio Lower Upper
152 100
150 133.4 126.6 189.8
115 50.5 53.0 79.4#



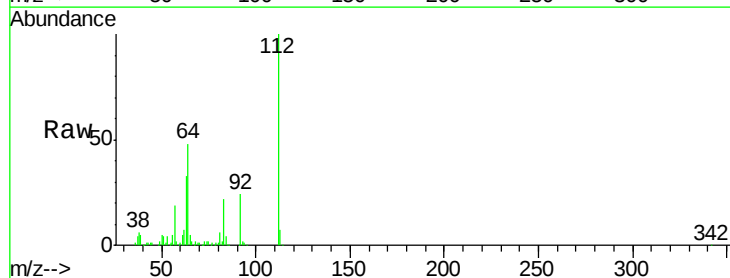
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



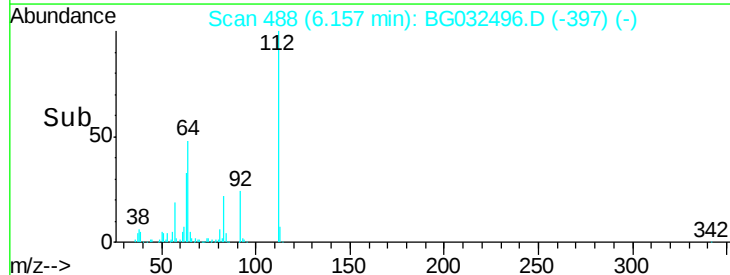
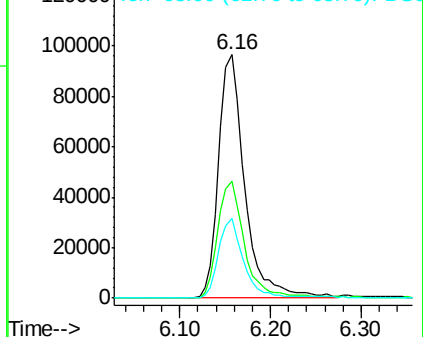
#5

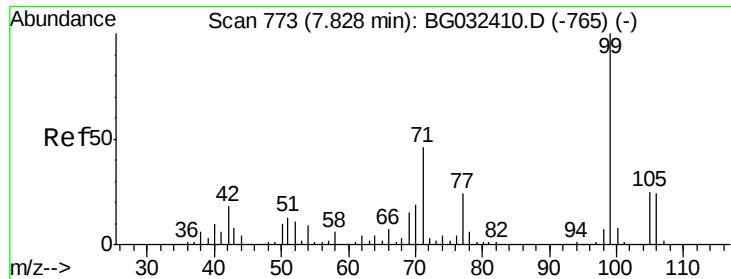
2-Fluorophenol
Concen: 132.641 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032496.D
Acq: 1 Feb 2018 19:07

Tgt Ion:112 Resp: 194343
Ion Ratio Lower Upper
112 100
64 48.3 56.3 84.5#
63 33.0 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: 109.222 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032496.D

Acq: 1 Feb 2018 19:07

Instrument :

BNA_G

ClientSampleId :

SOIL-1

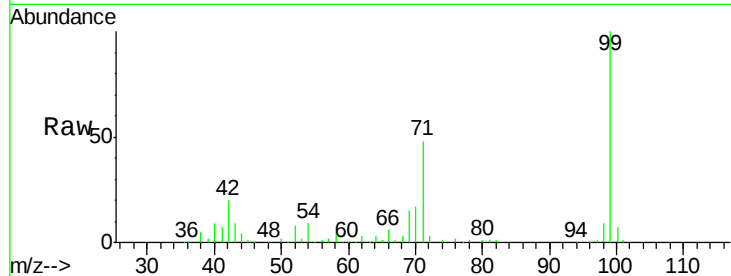
Tot Ion: 99 Resp: 213547

Ion Ratio Lower Upper

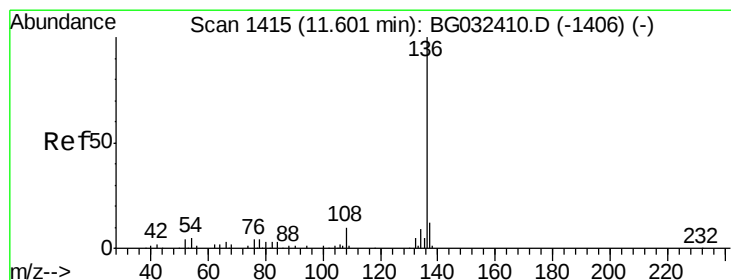
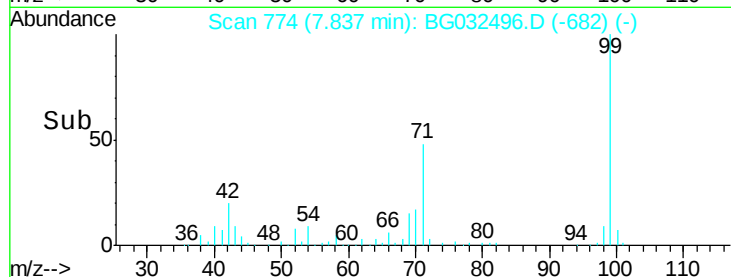
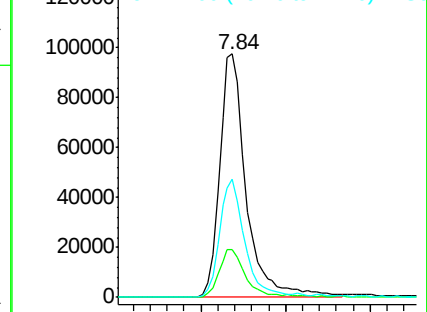
99 100

42 19.7 14.1 21.1

71 48.4 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032496.D

Acq: 1 Feb 2018 19:07

Tgt Ion:136 Resp: 113994

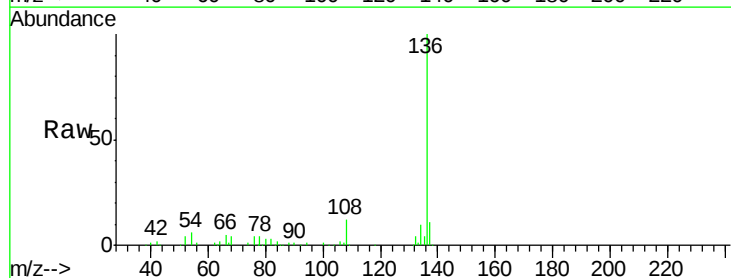
Ion Ratio Lower Upper

136 100

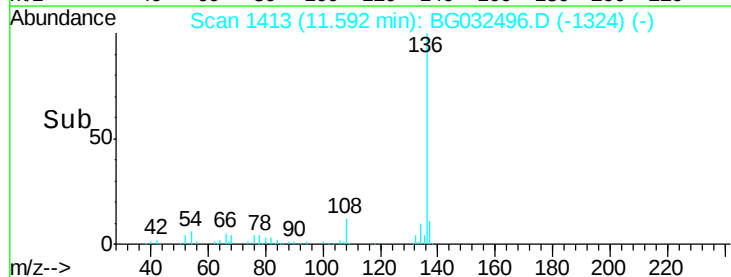
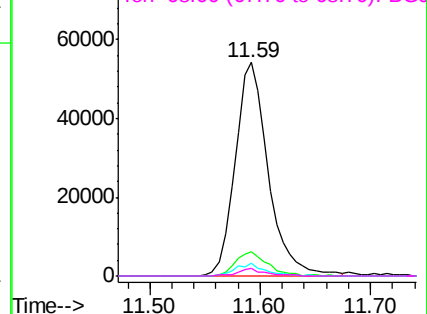
137 11.3 9.2 13.8

54 5.7 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

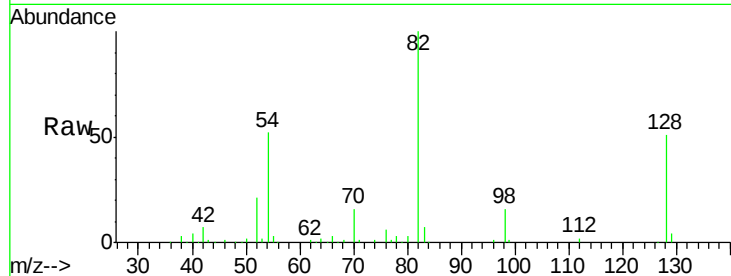




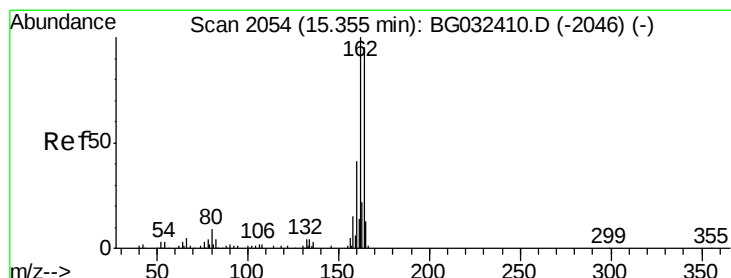
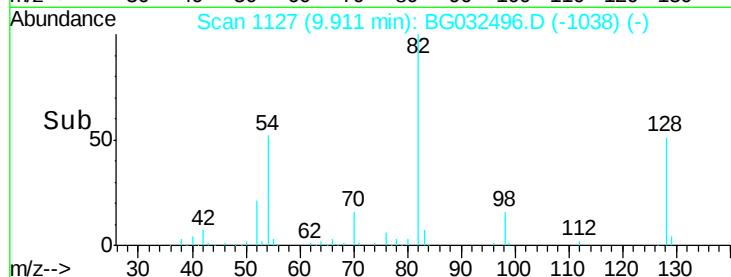
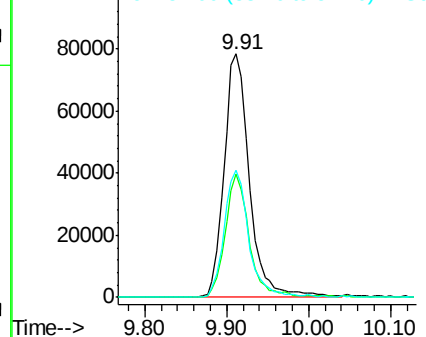
#23
 Nitrobenzene-d5
 Concen: 92.669 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-1

Tot Ion: 82 Resp: 169126
 Ion Ratio Lower Upper
 82 100
 128 50.8 29.7 44.5#
 54 52.4 43.1 64.7

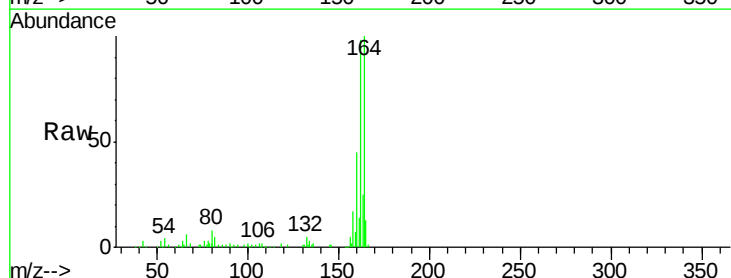


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

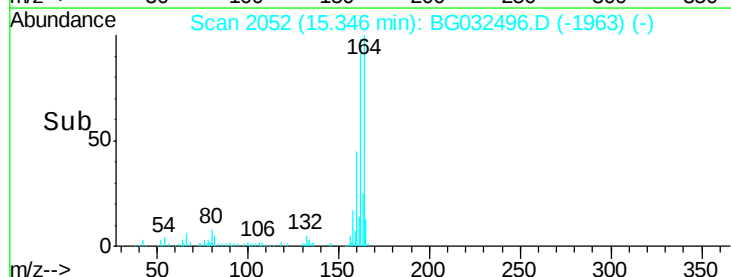
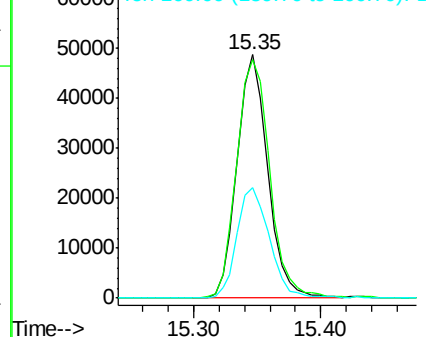


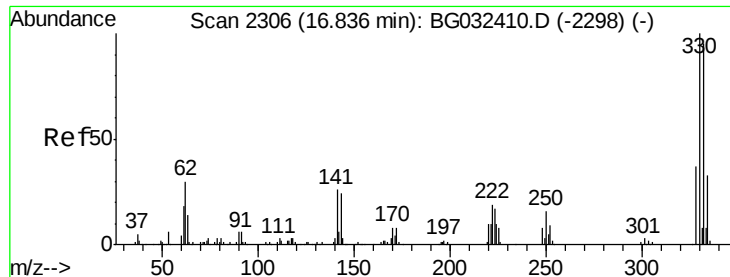
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

Tgt Ion:164 Resp: 81690
 Ion Ratio Lower Upper
 164 100
 162 98.2 78.8 118.2
 160 45.4 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

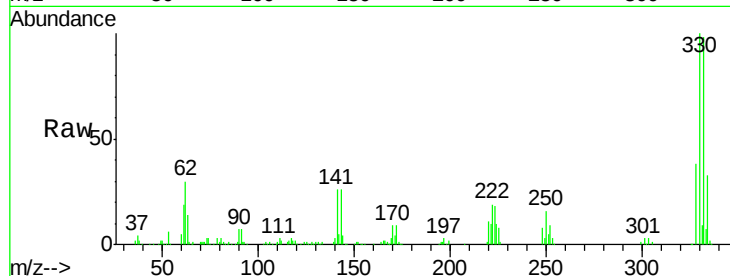




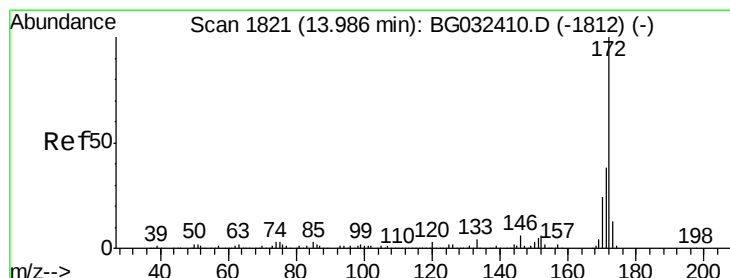
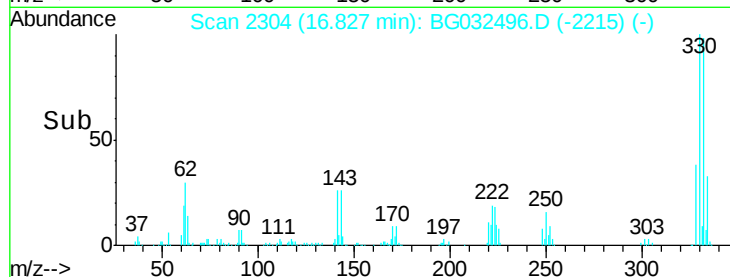
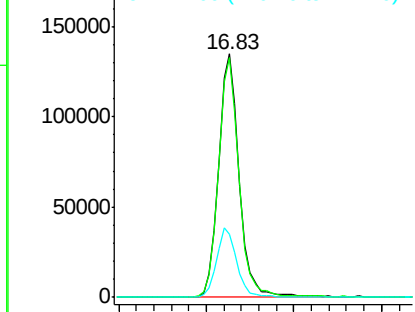
#41
 2,4,6-Tribromophenol
 Concen: 141.788 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	28.1	25.2	37.8

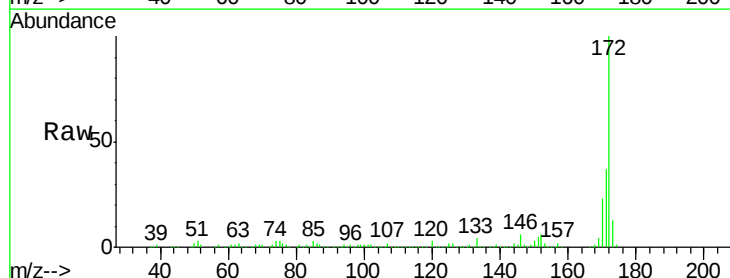


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

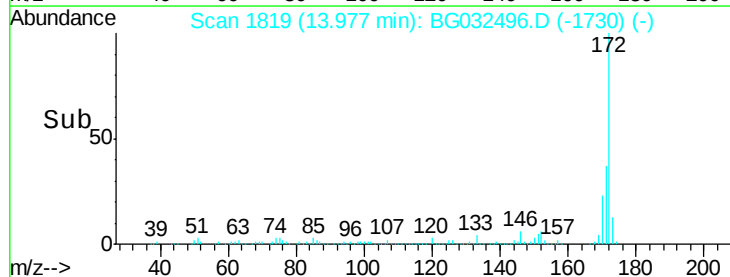
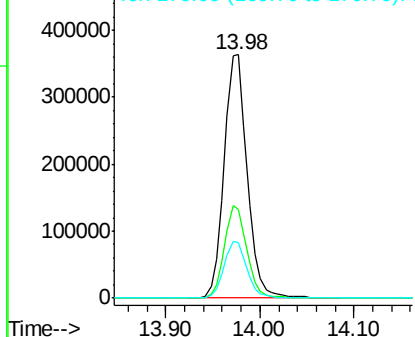


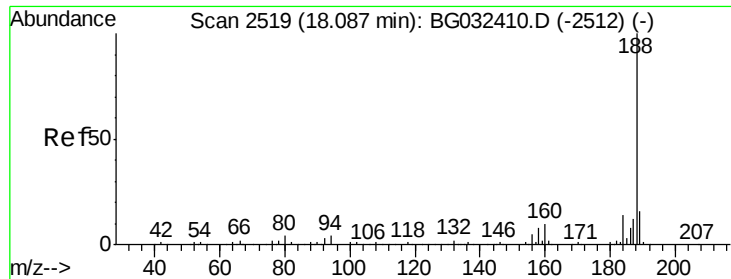
#44
 2-Fluorobiphenyl
 Concen: 90.434 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032496.D
 Acq: 1 Feb 2018 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	22.5	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: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032496.D

Acq: 1 Feb 2018 19:07

Instrument :

BNA_G

ClientSampleId :

SOIL-1

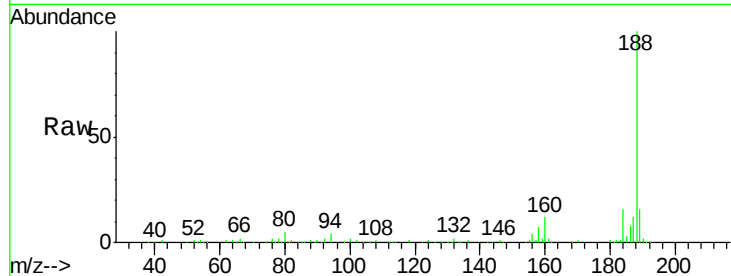
Tot Ion:188 Resp: 210990

Ion Ratio Lower Upper

188 100

94 3.9 6.9 10.3#

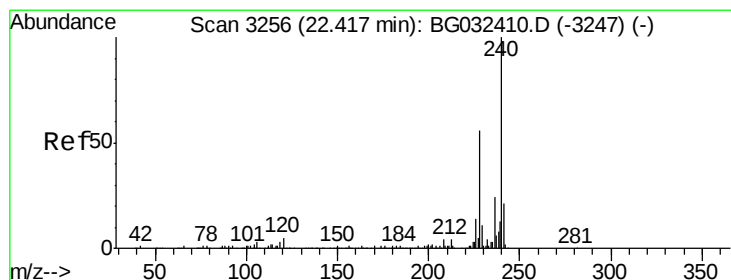
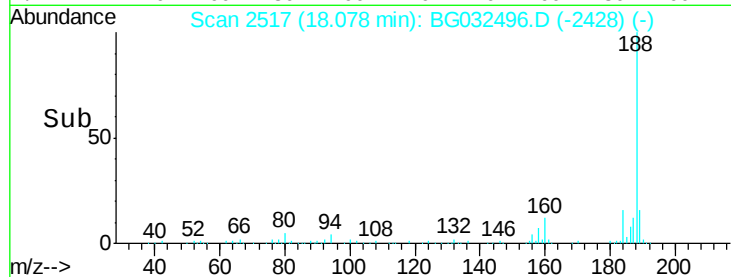
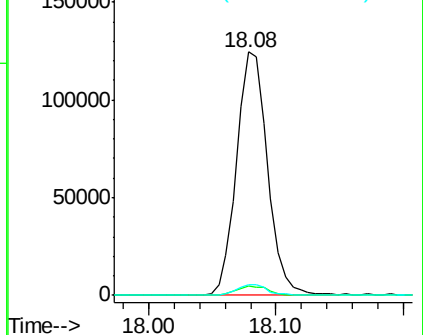
80 4.6 7.7 11.5#



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: 22.41 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BG032496.D

Acq: 1 Feb 2018 19:07

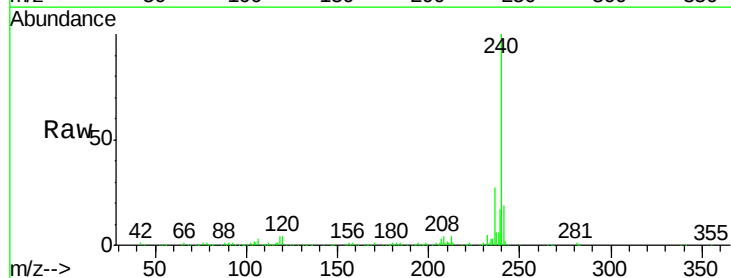
Tgt Ion:240 Resp: 275023

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

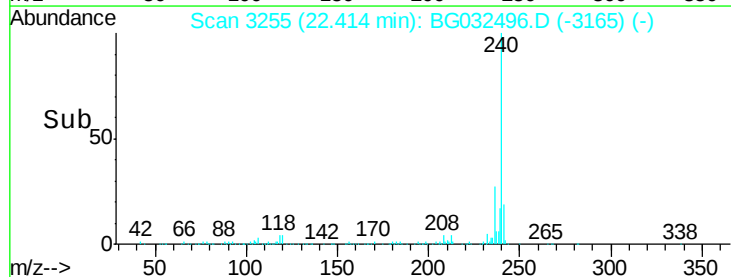
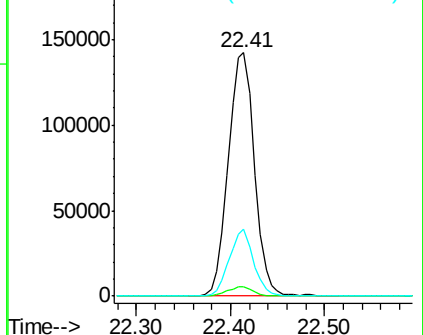
236 27.3 20.9 31.3

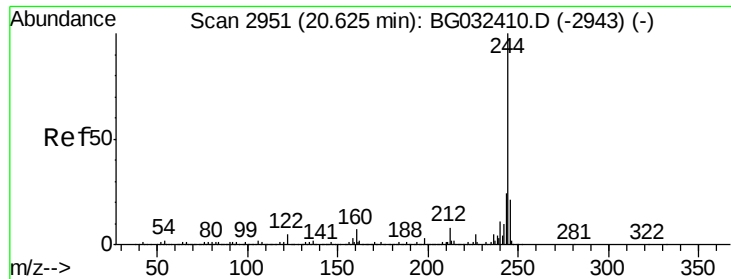


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.035 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032496.D

Acq: 1 Feb 2018 19:07

Instrument :

BNA_G

ClientSampleId :

SOIL-1

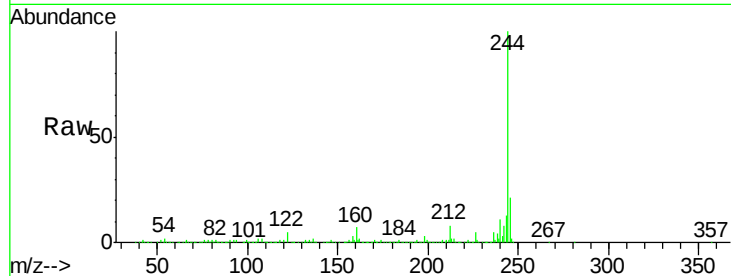
Tot Ion:244 Resp: 1245841

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

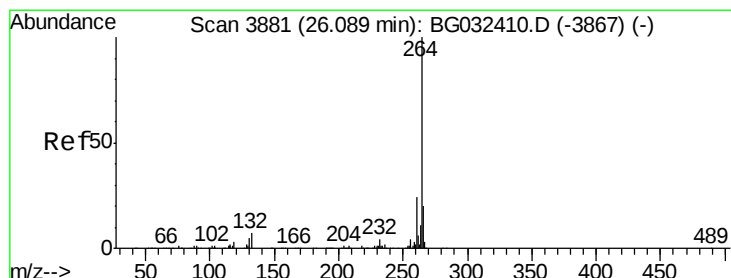
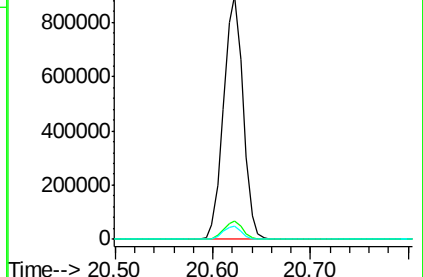
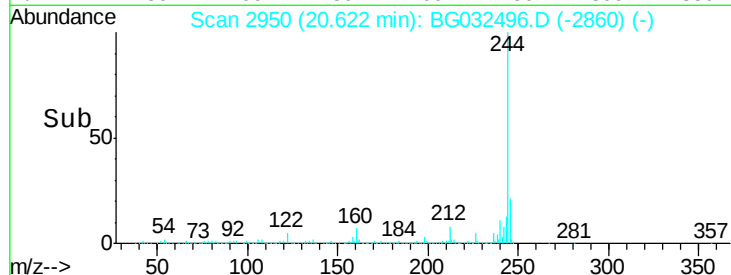
122 5.2 7.0 10.4#



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: 26.09 min Scan# 3881

Delta R.T. 0.00 min

Lab File: BG032496.D

Acq: 1 Feb 2018 19:07

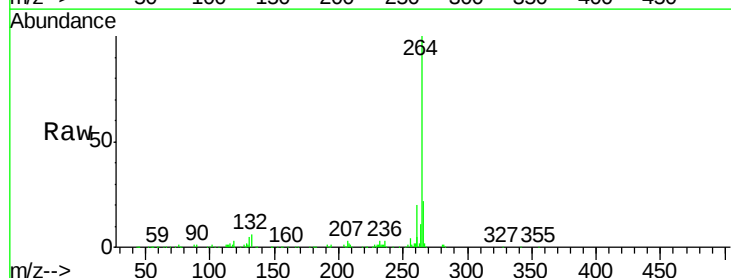
Tgt Ion:264 Resp: 298595

Ion Ratio Lower Upper

264 100

260 19.9 17.4 26.0

265 21.6 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

