

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026383.D
 Acq On : 22 Mar 2017 19:59
 Operator : SJ/MA
 Sample : I2348-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMP

Quant Time: Mar 23 01:14:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	132779	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	553530	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	324648	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	820512	20.00	ng	0.00
75) Chrysene-d12	21.63	240	965739	20.00	ng	-0.01
86) Perylene-d12	24.80	264	683282	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	954131	127.54	ng	0.00
7) Phenol-d6	7.21	99	1190112	118.50	ng	0.00
23) Nitrobenzene-d5	9.20	82	725095	78.77	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	592668	159.41	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1998721	86.34	ng	0.00
78) Terphenyl-d14	19.98	244	3055821	76.85	ng	0.00

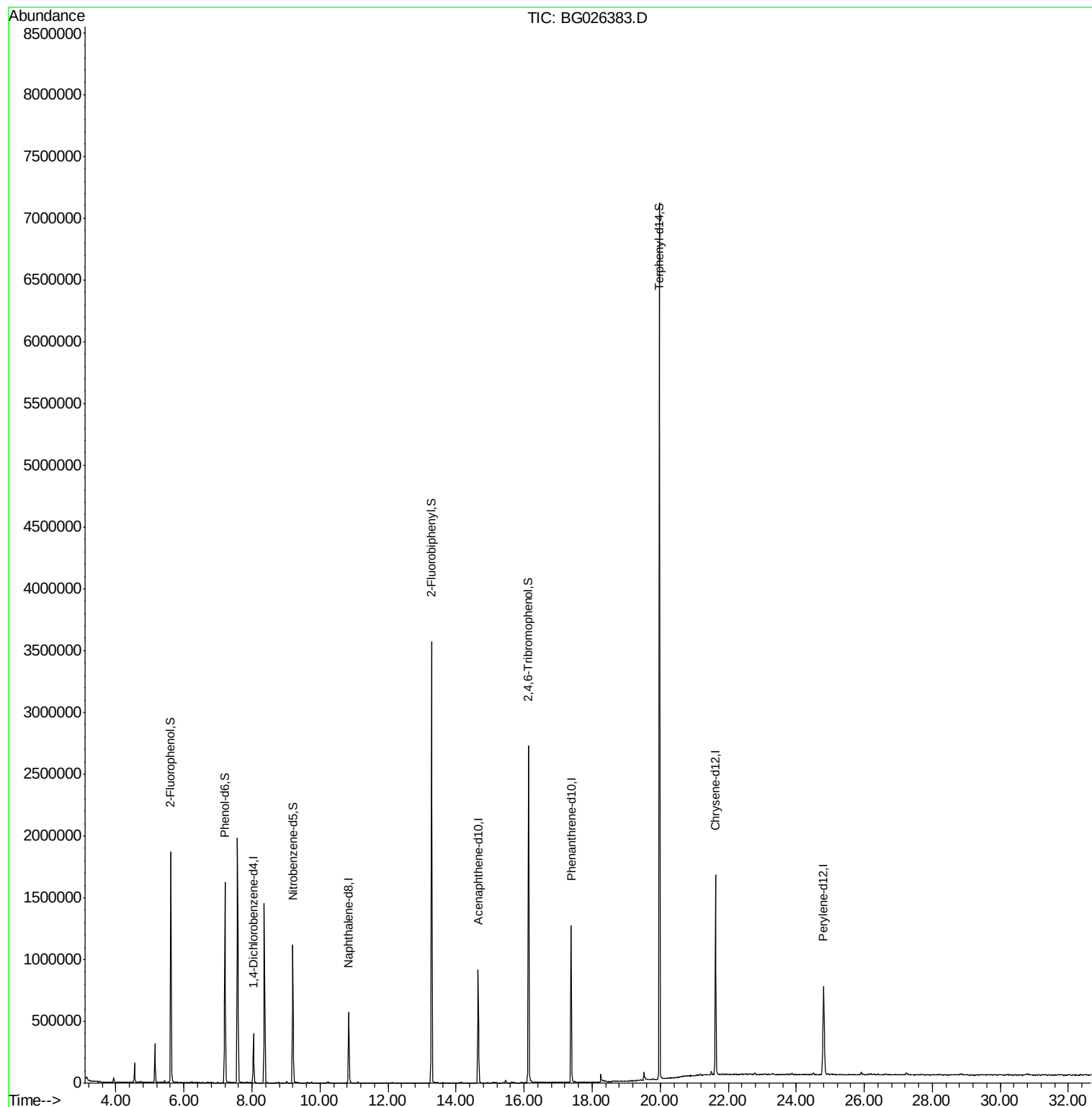
Target Compounds Qvalue

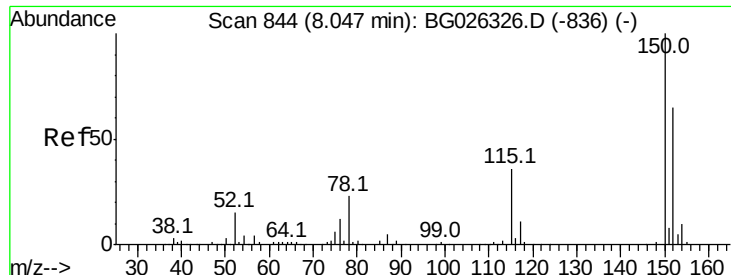
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026383.D

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BNA_G

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JFC-SOIL-COMP

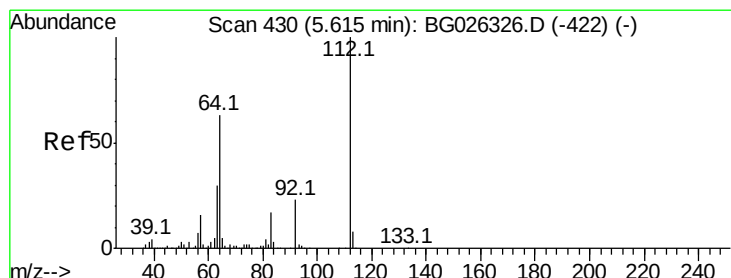
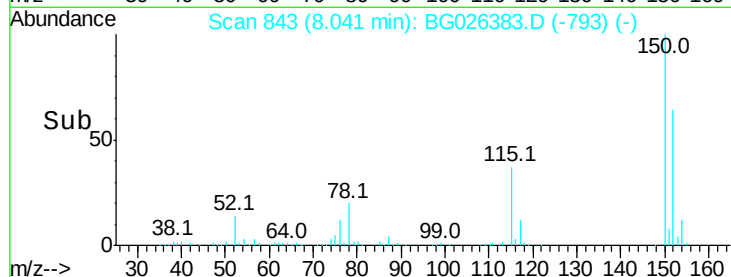
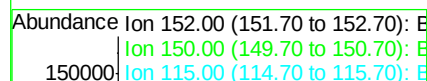
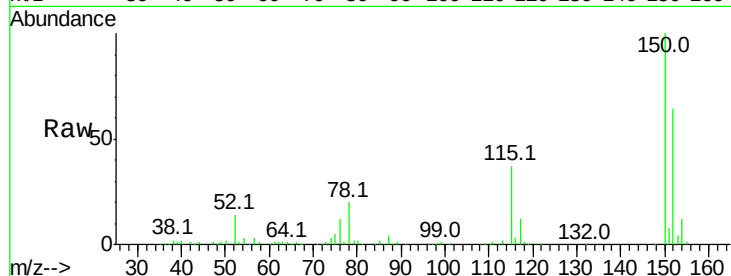
Tot Ion:152 Resp: 132779

Ion Ratio Lower Upper

152 100

150 156.8 114.0 171.0

115 57.8 48.1 72.1



#5

2-Fluorophenol

Concen: 127.54 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026383.D

Acq: 22 Mar 2017 19:59

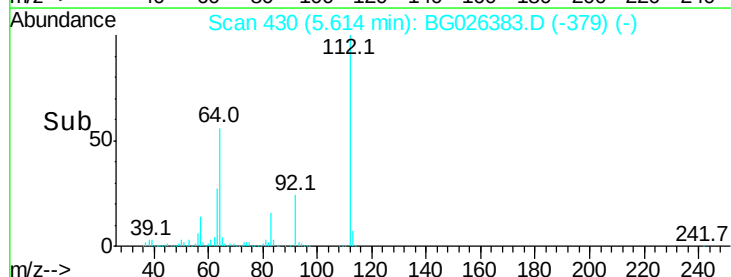
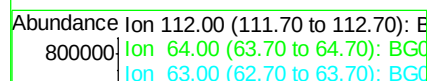
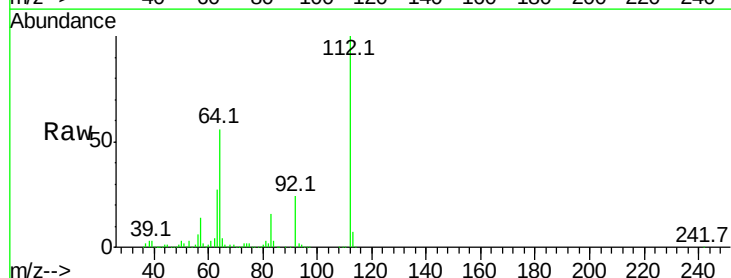
Tgt Ion:112 Resp: 954131

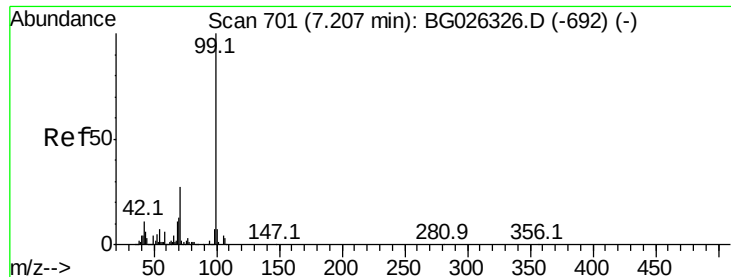
Ion Ratio Lower Upper

112 100

64 55.5 61.8 92.6#

63 27.1 37.2 55.8#





#7

Phenol-d6

Concen: 118.50 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026383.D

Acq: 22 Mar 2017 19:59

Instrument :

BNA_G

ClientSampleId :

JFC-SOIL-COMP

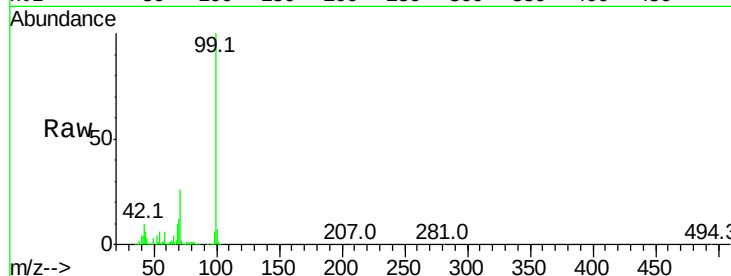
Tot Ion: 99 Resp: 1190112

Ion Ratio Lower Upper

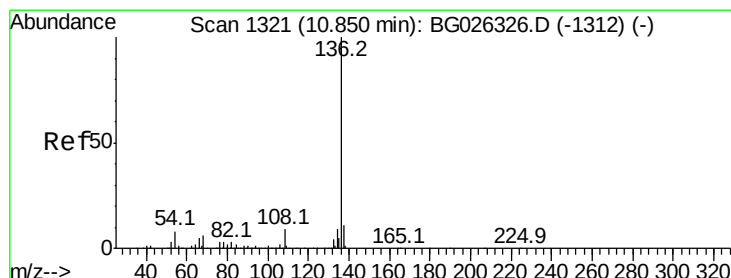
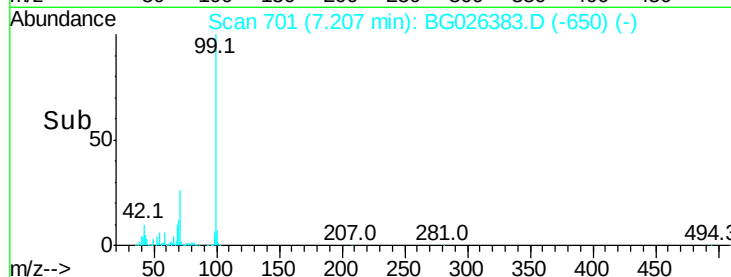
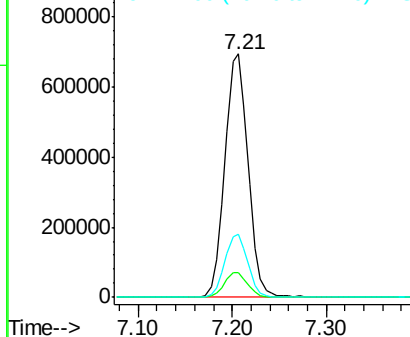
99 100

42 10.4 20.5 30.7#

71 26.1 37.6 56.4#



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: 20.00 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026383.D

Acq: 22 Mar 2017 19:59

Tgt Ion: 136 Resp: 553530

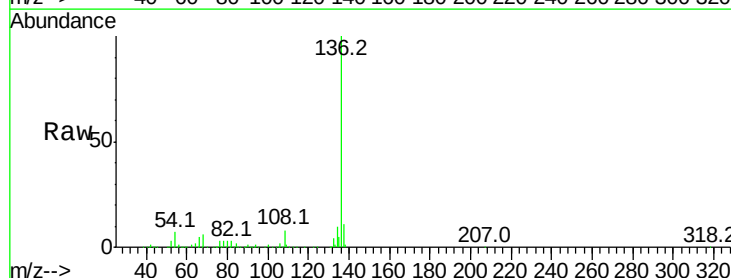
Ion Ratio Lower Upper

136 100

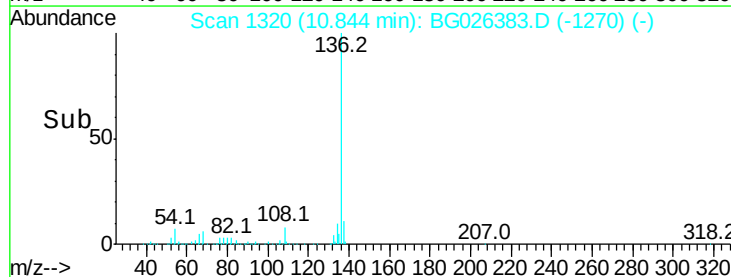
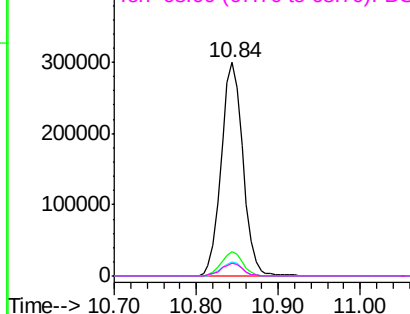
137 11.2 8.9 13.3

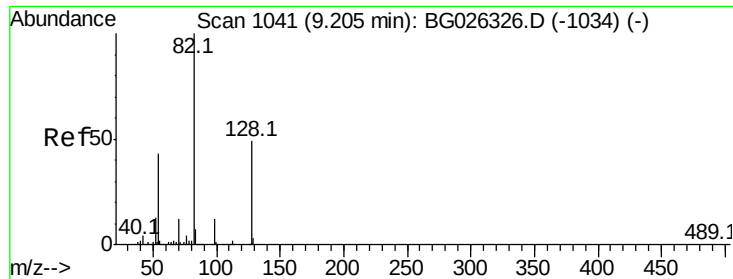
54 6.6 9.3 13.9#

68 6.1 5.1 7.7



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

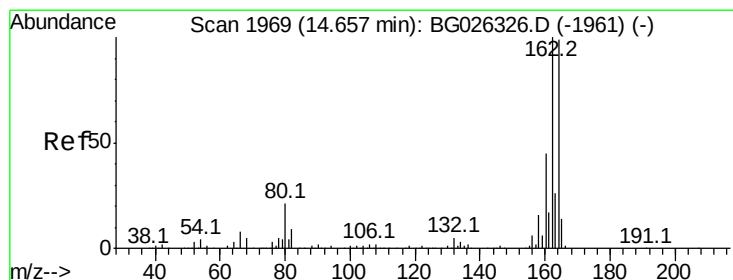
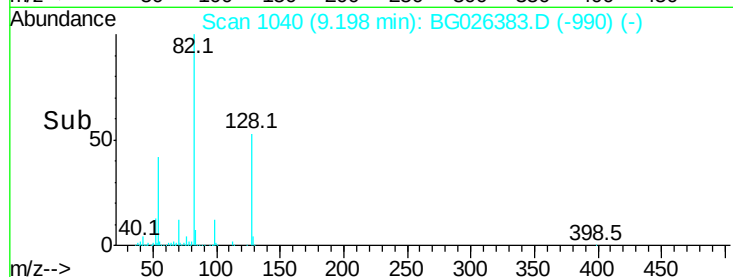
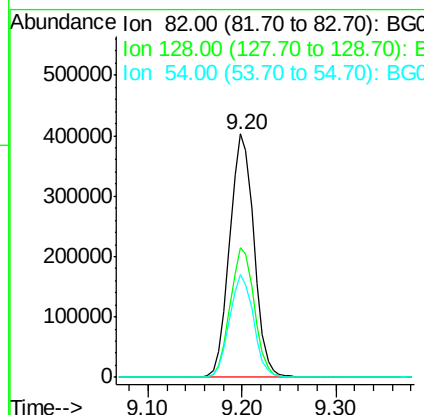
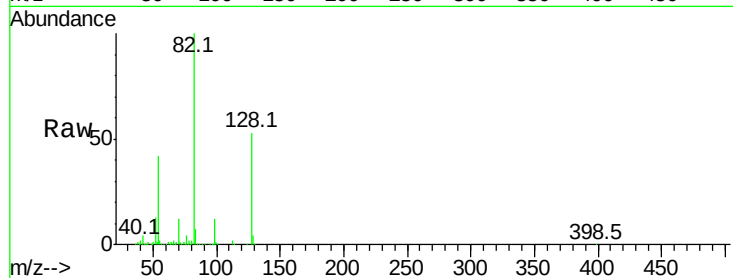




#23
 Nitrobenzene-d5
 Concen: 78.77 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026383.D
 Acq: 22 Mar 2017 19:59

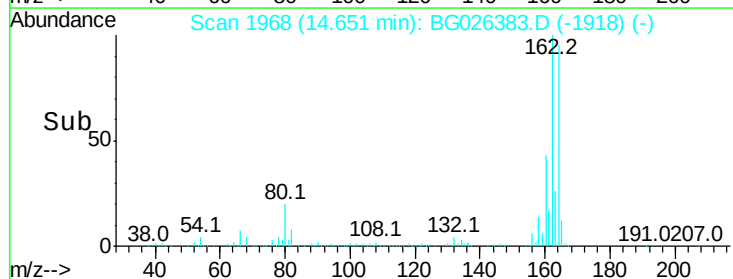
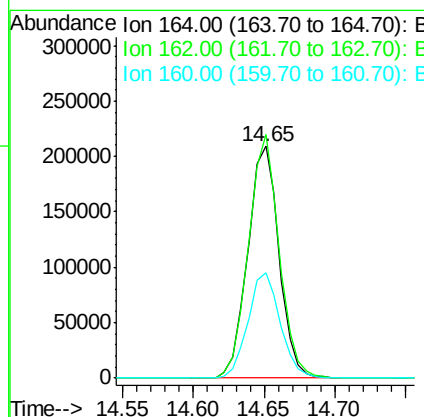
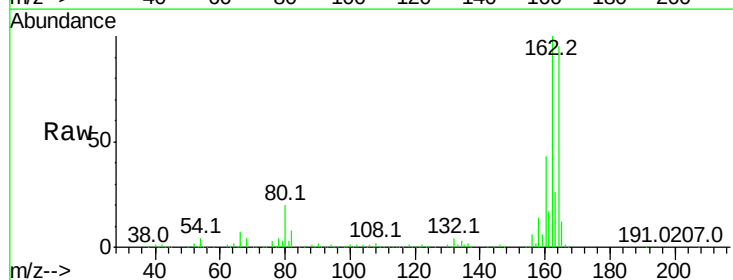
Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMP

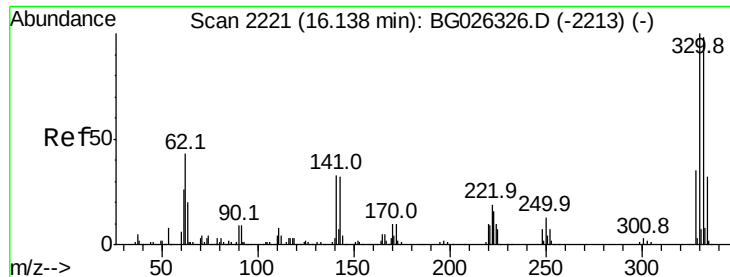
Tot Ion	82	Resp	725095
Ion Ratio	100	Lower	Upper
128	53.2	26.4	39.6#
54	42.5	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026383.D
 Acq: 22 Mar 2017 19:59

Tgt Ion	164	Resp	324648
Ion Ratio	100	Lower	Upper
162	105.0	85.1	127.7
160	45.3	34.7	52.1

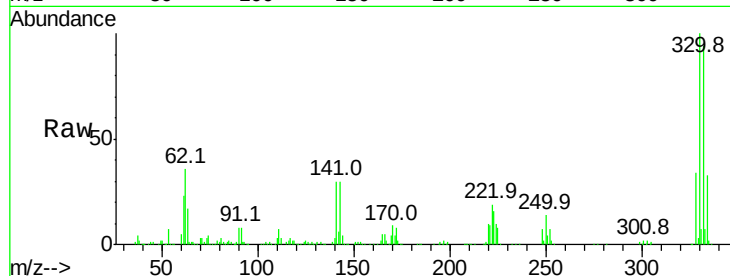




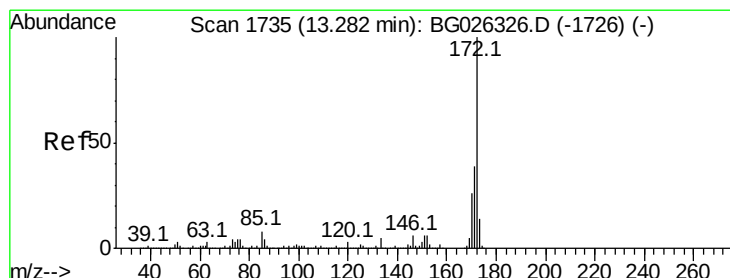
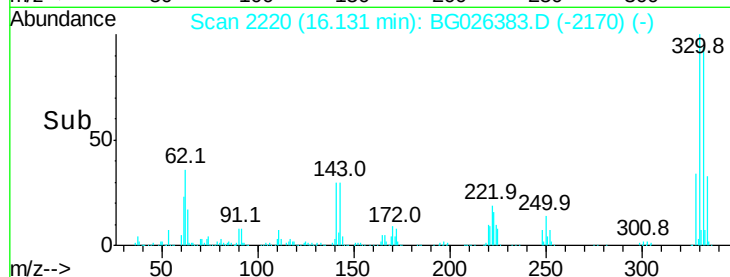
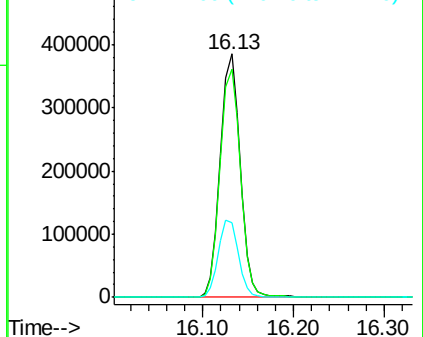
#41
 2,4,6-Tribromophenol
 Concen: 159.41 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026383.D
 Acq: 22 Mar 2017 19:59

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	32.1	32.1	48.1

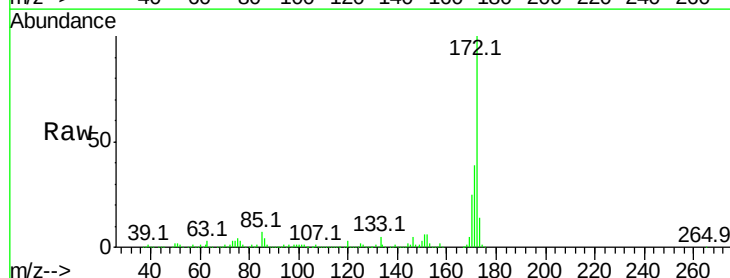


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

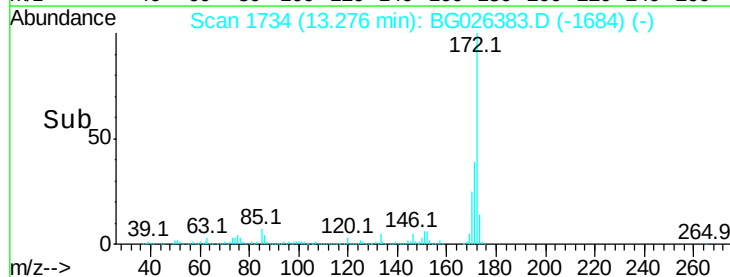
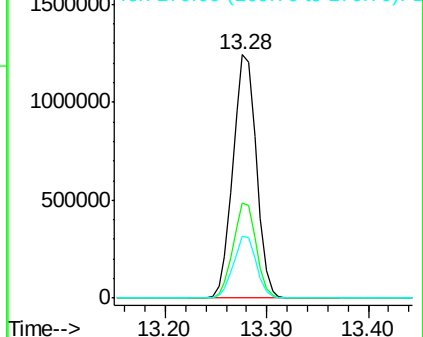


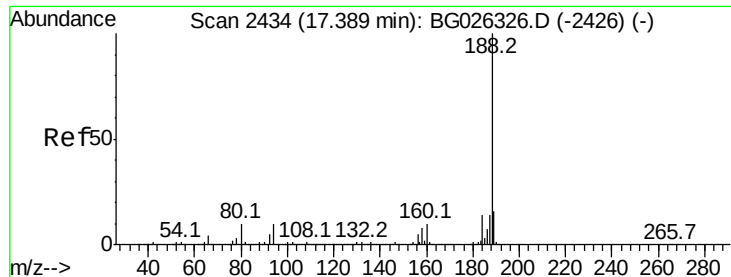
#44
 2-Fluorobiphenyl
 Concen: 86.34 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026383.D
 Acq: 22 Mar 2017 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.2	48.2
170	25.2	21.8	32.6



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

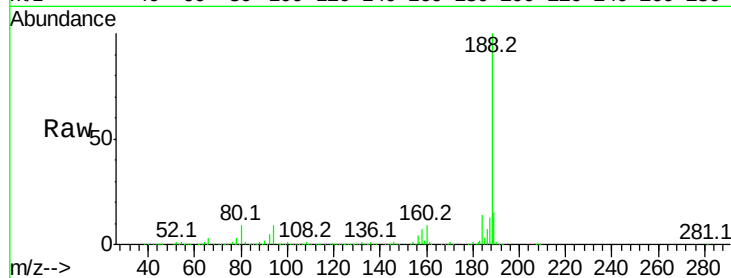




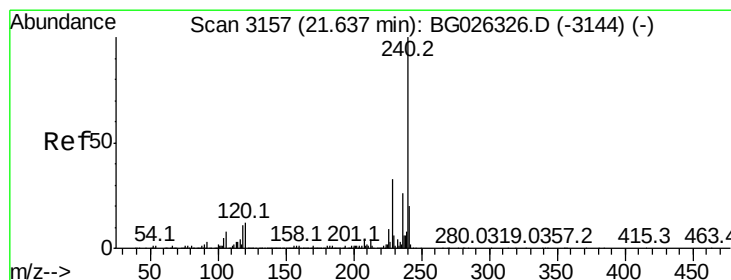
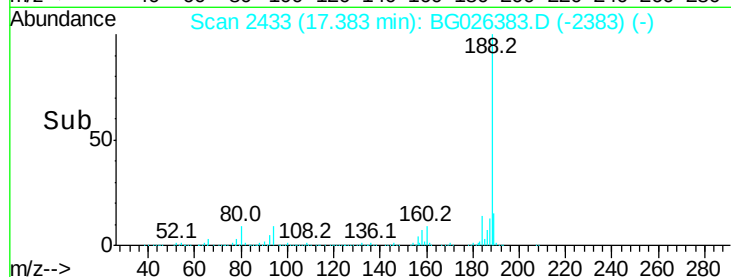
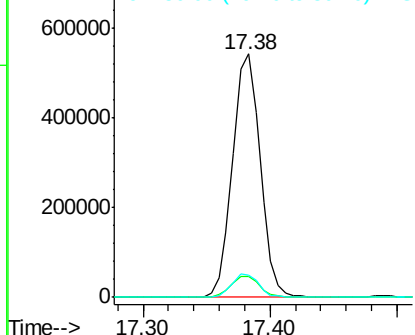
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026383.D
Acq: 22 Mar 2017 19:59

Instrument :
BNA_G
ClientSampleId :
JFC-SOIL-COMP

Tot Ion:188 Resp: 820512
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.8#
80 8.9 7.5 11.3

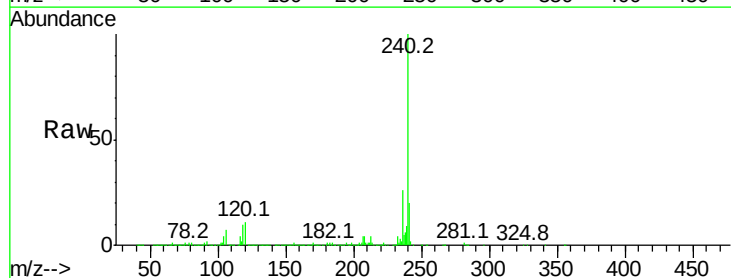


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

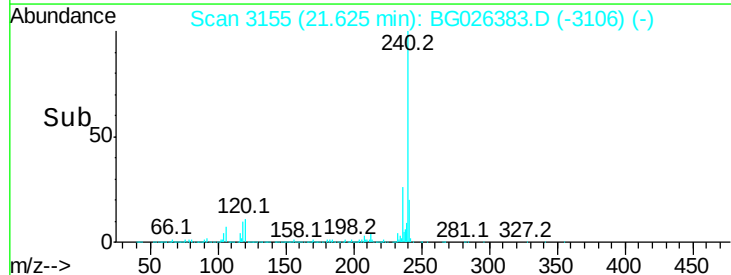
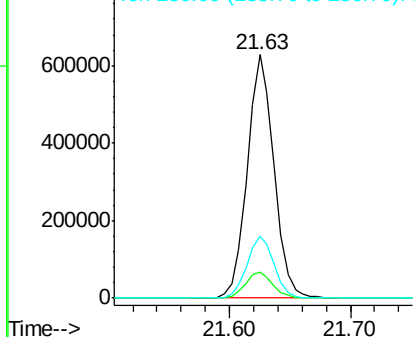


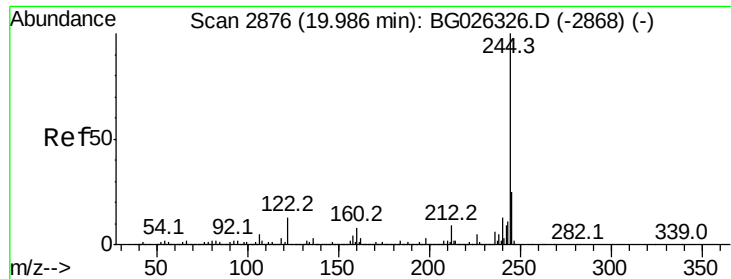
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026383.D
Acq: 22 Mar 2017 19:59

Tgt Ion:240 Resp: 965739
Ion Ratio Lower Upper
240 100
120 10.9 5.7 8.5#
236 25.5 22.2 33.4



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

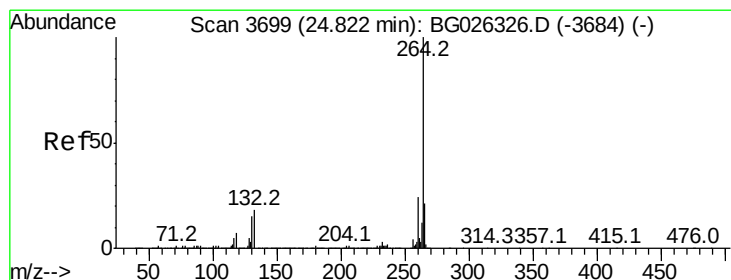
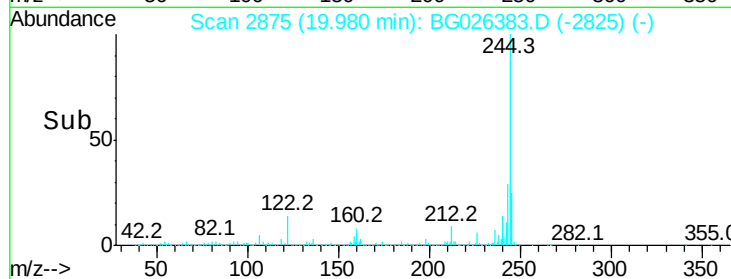
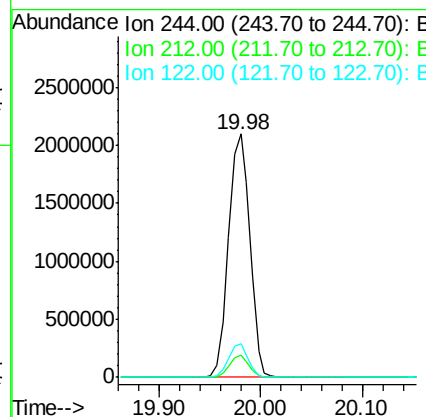
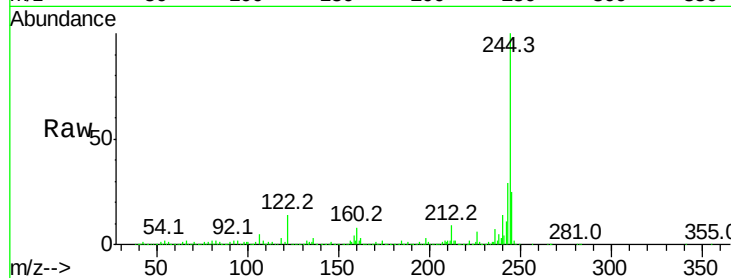




#78
 Terphenyl-d14
 Concen: 76.85 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.01 min
 Lab File: BG026383.D
 Acq: 22 Mar 2017 19:59

Instrument :
 BNA_G
 ClientSampleId :
 JFC-SOIL-COMP

Tot Ion:244 Resp: 3055821
 Ion Ratio Lower Upper
 244 100
 212 9.1 10.0 15.0#
 122 13.7 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.80 min Scan# 3696
 Delta R.T. -0.02 min
 Lab File: BG026383.D
 Acq: 22 Mar 2017 19:59

Tgt Ion:264 Resp: 683282
 Ion Ratio Lower Upper
 264 100
 260 25.5 21.8 32.8
 265 22.8 18.2 27.4

