

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019169.D
 Acq On : 12 Oct 2015 22:22
 Operator : UM/NP
 Sample : G3707-03
 Misc : LOD 2PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Oct 13 04:20:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 03:45:00 2015
 Response via : Initial Calibration

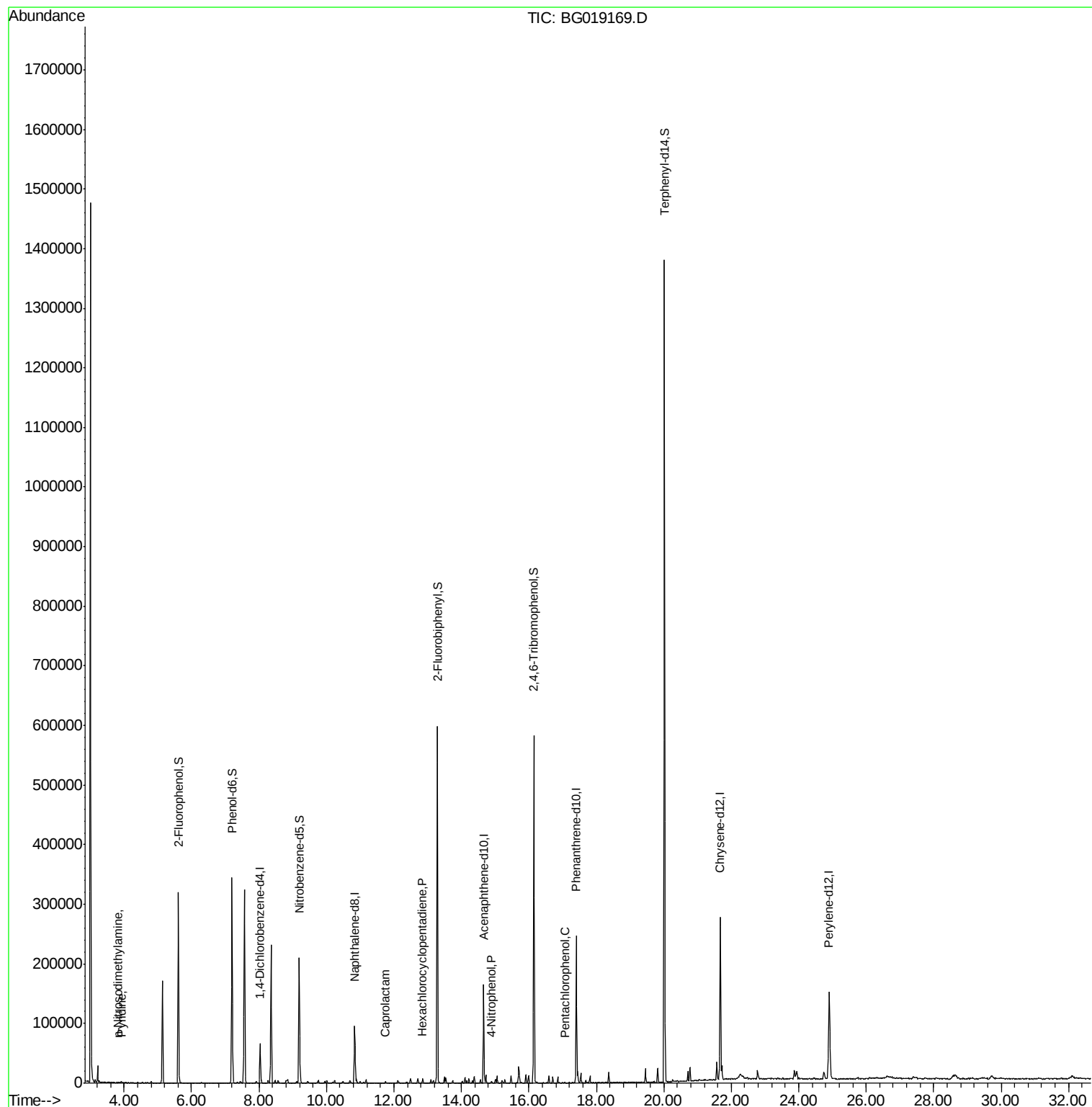
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16917	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	75084	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	53452	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	142208	20.00	ng	0.00
75) Chrysene-d12	21.68	240	168394	20.00	ng	-0.01
86) Perylene-d12	24.90	264	165813	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	115726	139.28	ng	0.00
7) Phenol-d6	7.20	99	175756	137.70	ng	0.00
23) Nitrobenzene-d5	9.19	82	120430	88.62	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	106053	145.60	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	301053	86.60	ng	0.00
78) Terphenyl-d14	20.02	244	559201	87.72	ng	0.00
Target Compounds						
3) Pyridine	3.92	79	842	0.79	ng	# 76
4) n-Nitrosodimethylamine	3.82	42	910	1.50	ng	# 66
35) Caprolactam	11.75	113	218	0.53	ng	# 88
40) Hexachlorocyclopentadiene	12.84	237	562	0.70	ng	82
55) 4-Nitrophenol	14.88	139	568	0.75	ng	91
69) Pentachlorophenol	17.06	266	561	0.63	ng	# 86

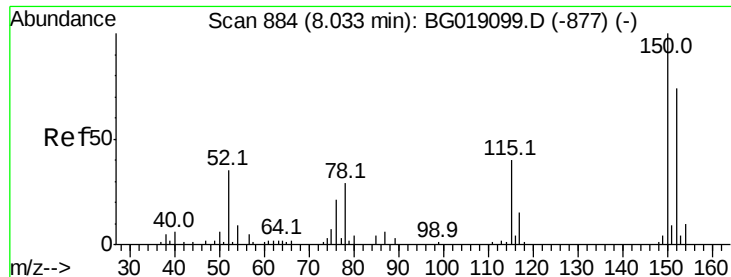
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019169.D
Acq On : 12 Oct 2015 22:22
Operator : UM/NP
Sample : G3707-03
Misc : LOD 2PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Quant Time: Oct 13 04:20:10 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration



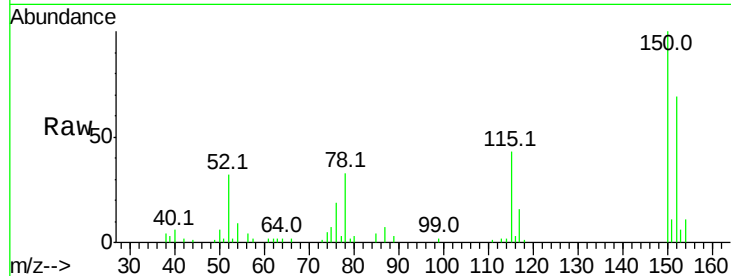


#1

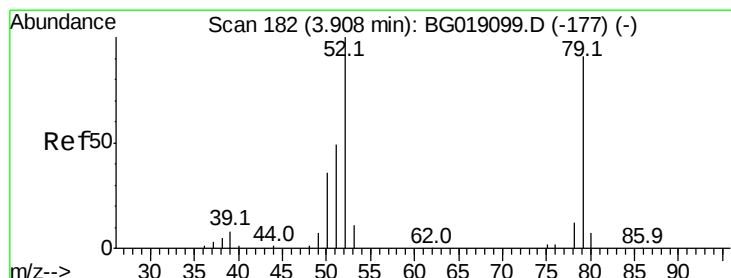
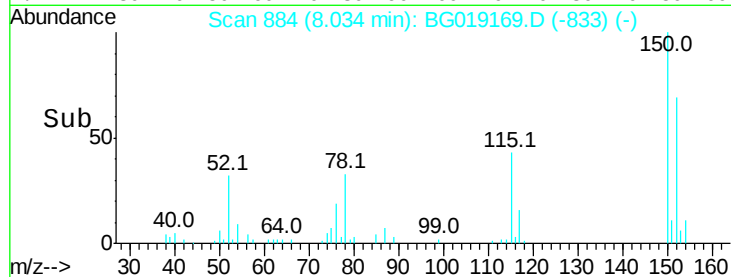
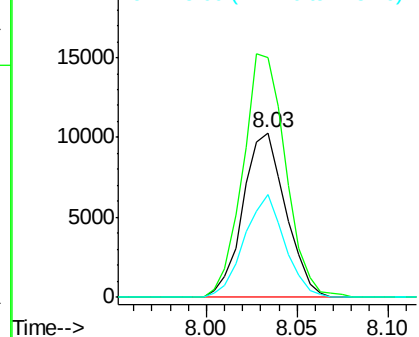
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:152 Resp: 16917
 Ion Ratio Lower Upper
 152 100
 150 145.9 108.2 162.2
 115 62.1 43.2 64.8



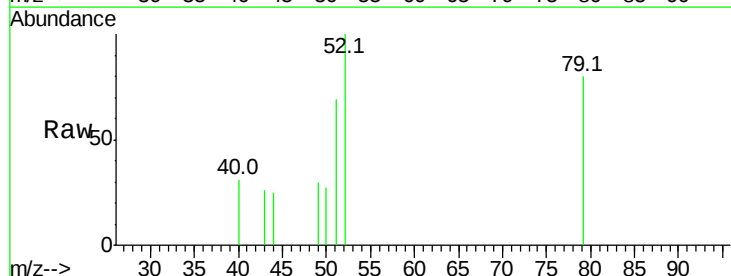
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



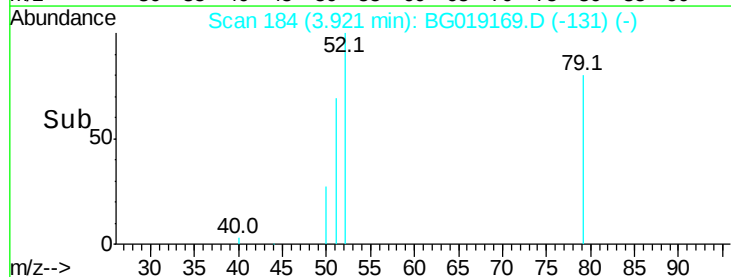
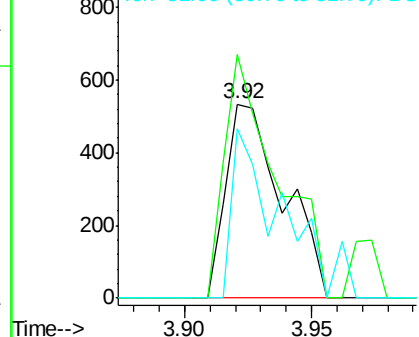
#3

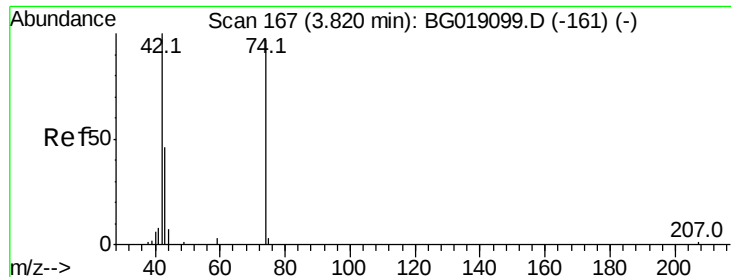
Pyridine
 Concen: 0.79 ng
 RT: 3.92 min Scan# 184
 Delta R.T. 0.01 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion: 79 Resp: 842
 Ion Ratio Lower Upper
 79 100
 52 125.5 88.3 132.5
 51 87.1 44.6 66.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 52.00 (51.70 to 52.70): BGC
 Ion 51.00 (50.70 to 51.70): BGC





#4

n-Nitrosodimethylamine

Concen: 1.50 ng

RT: 3.82 min Scan# 166

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

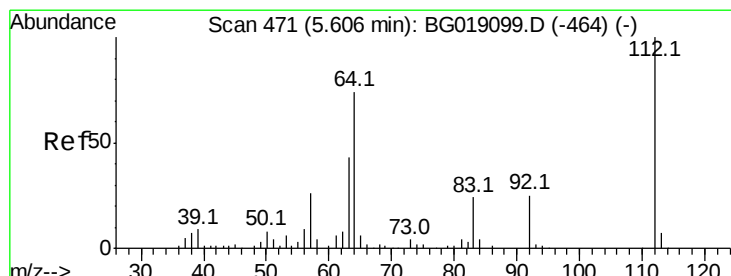
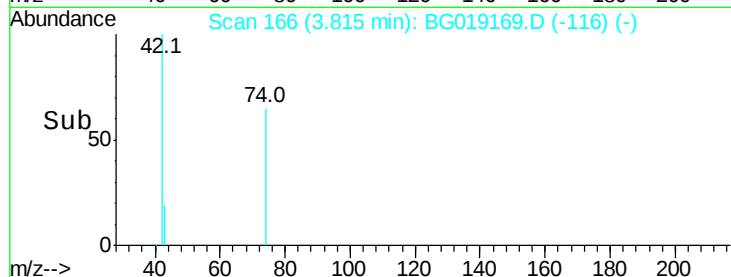
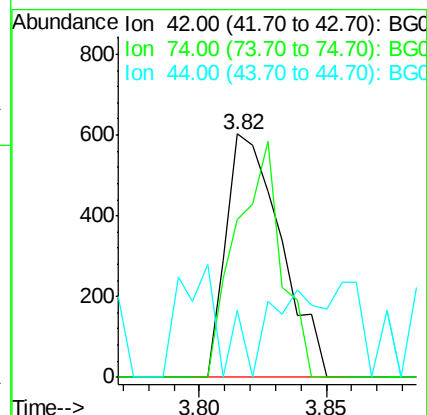
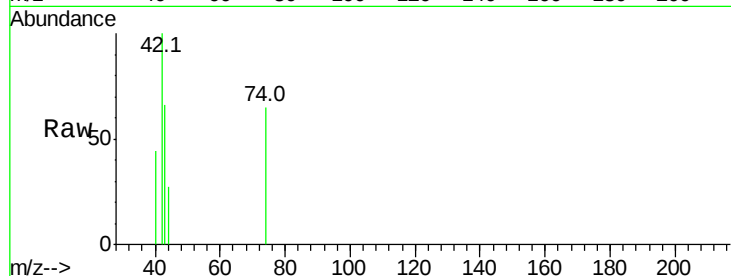
Tot Ion: 42 Resp: 910

Ion Ratio Lower Upper

42 100

74 64.8 77.3 115.9#

44 27.4 7.2 10.8#



#5

2-Fluorophenol

Concen: 139.28 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

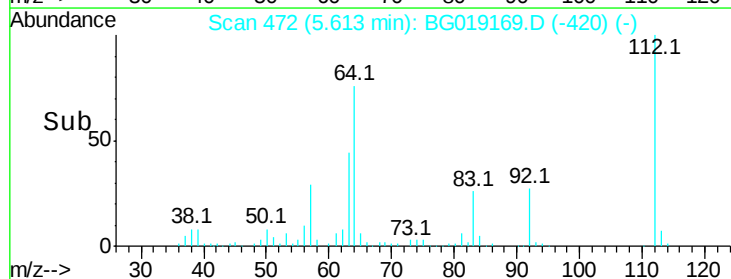
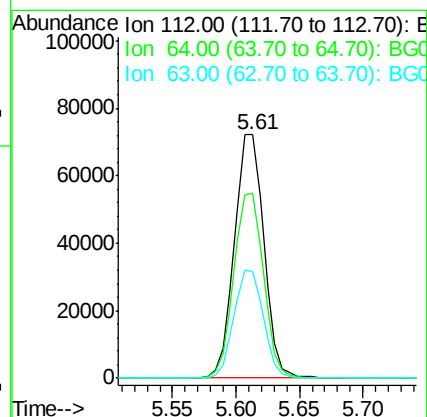
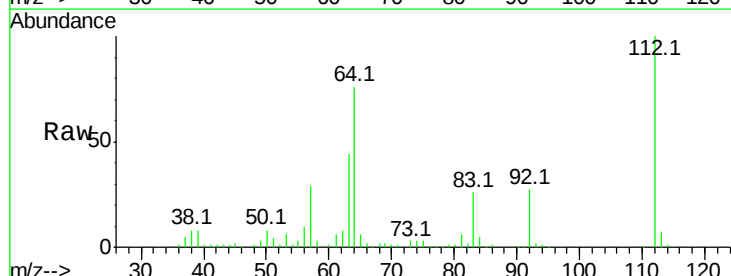
Tgt Ion: 112 Resp: 115726

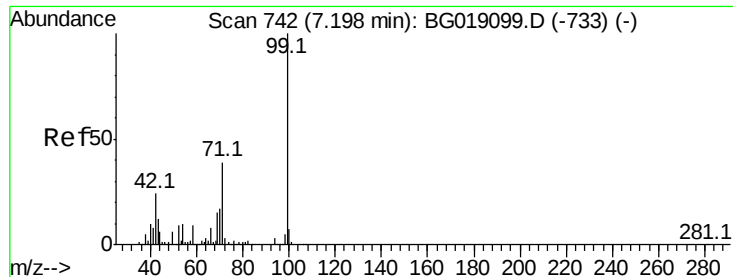
Ion Ratio Lower Upper

112 100

64 75.9 59.0 88.4

63 43.7 34.7 52.1





#7

Phenol-d6

Concen: 137.70 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

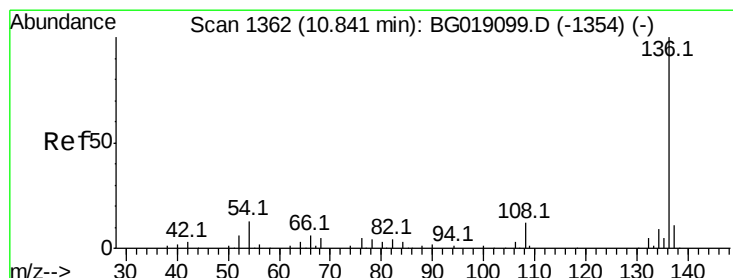
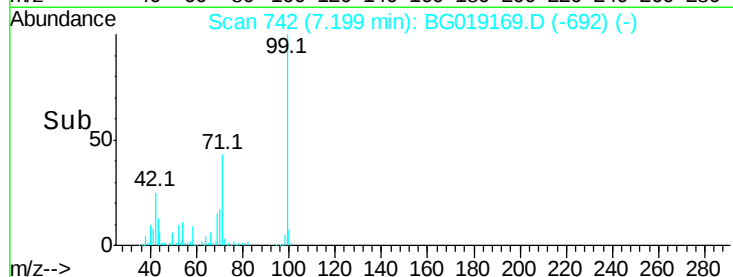
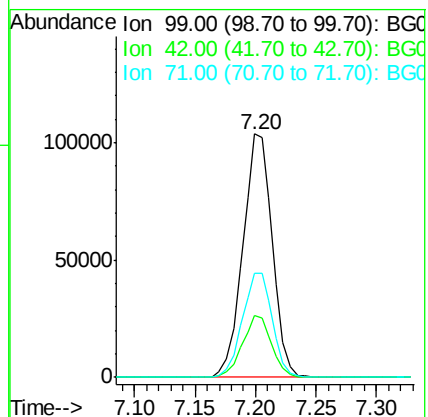
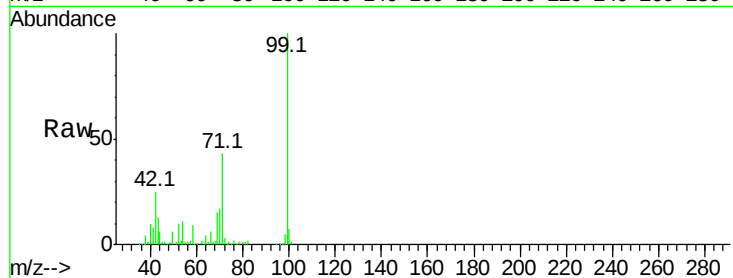
Tot Ion: 99 Resp: 175756

Ion Ratio Lower Upper

99 100

42 25.4 19.5 29.3

71 42.8 31.4 47.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Tgt Ion: 136 Resp: 75084

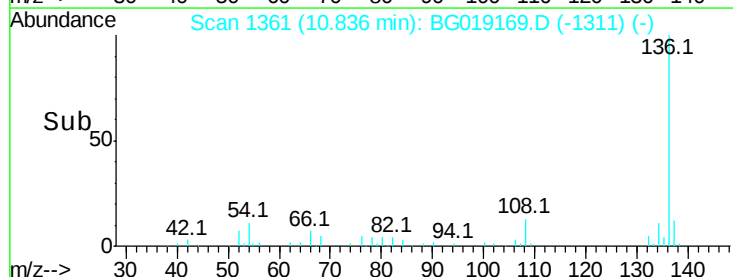
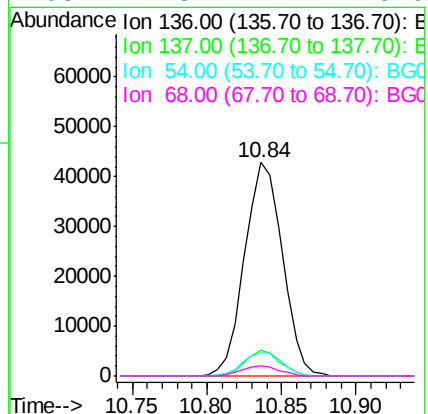
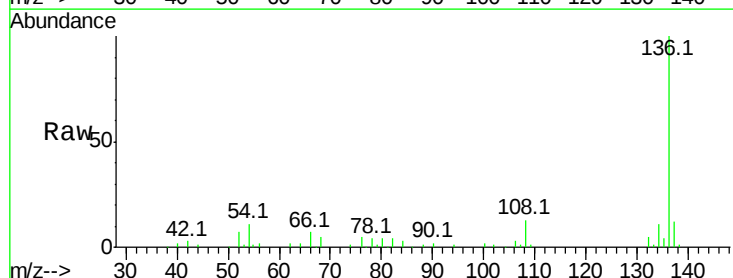
Ion Ratio Lower Upper

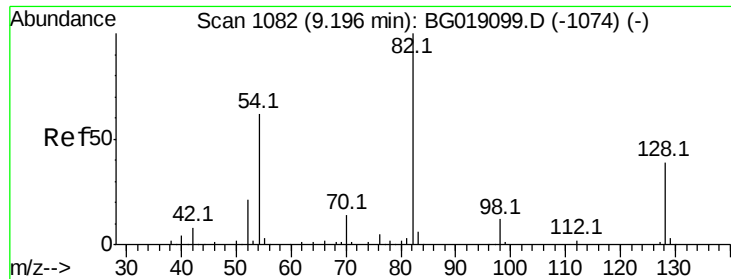
136 100

137 11.9 9.0 13.4

54 10.6 10.1 15.1

68 4.5 4.4 6.6

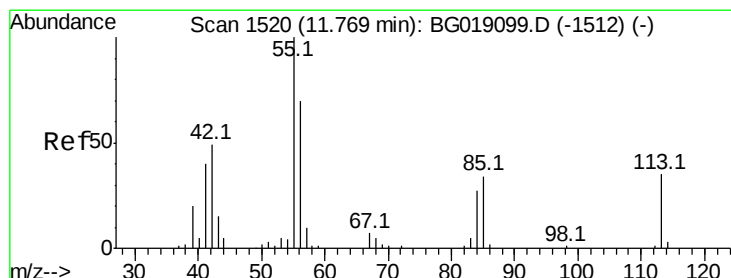
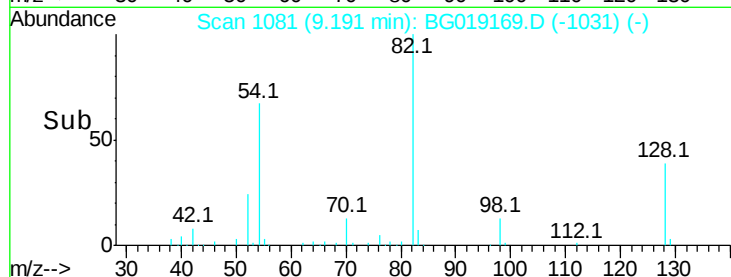
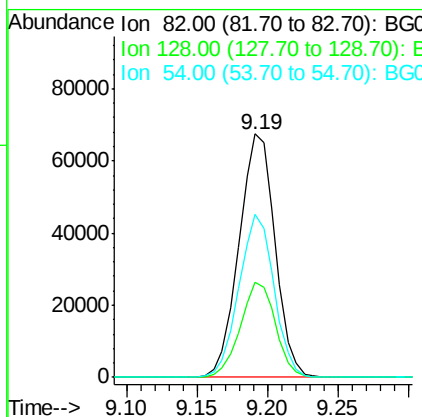
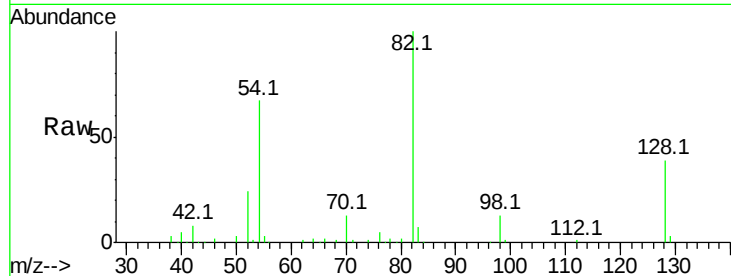




#23
 Nitrobenzene-d5
 Concen: 88.62 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

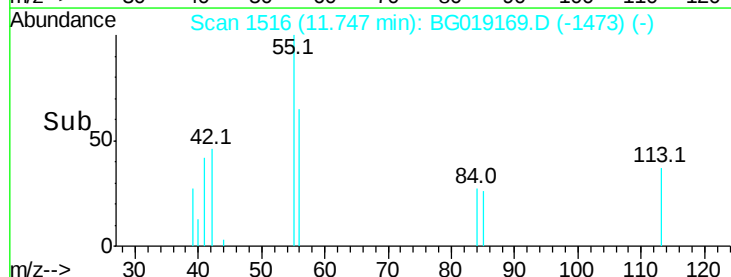
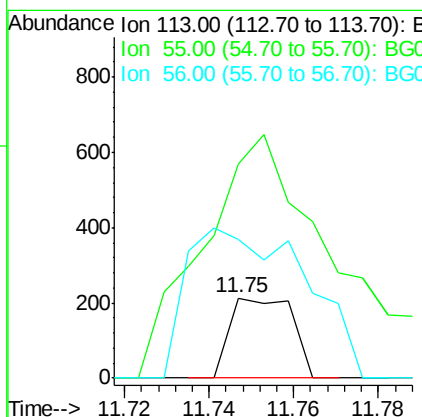
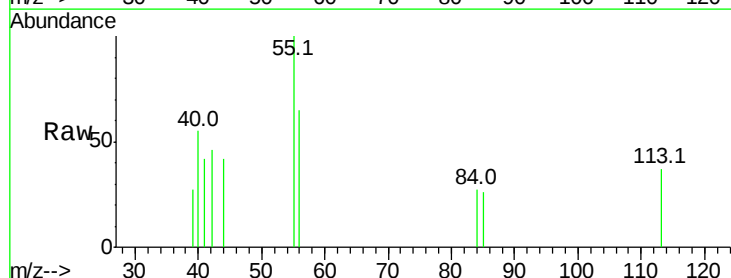
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

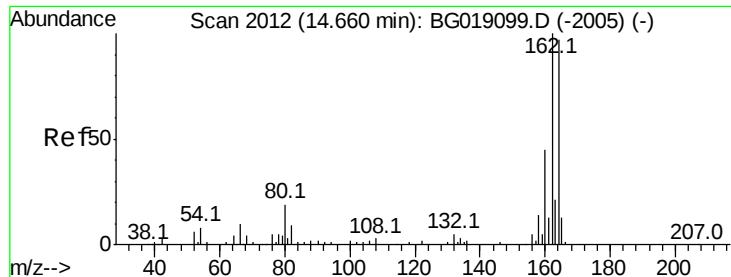
Tot Ion: 82 Resp: 120430
 Ion Ratio Lower Upper
 82 100
 128 39.0 31.4 47.2
 54 66.7 50.0 75.0



#35
 Caprolactam
 Concen: 0.53 ng
 RT: 11.75 min Scan# 1516
 Delta R.T. -0.05 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion: 113 Resp: 218
 Ion Ratio Lower Upper
 113 100
 55 268.1 263.4 303.4
 56 173.7 179.0 219.0#

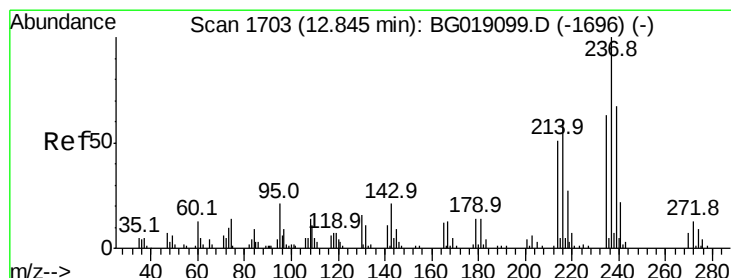
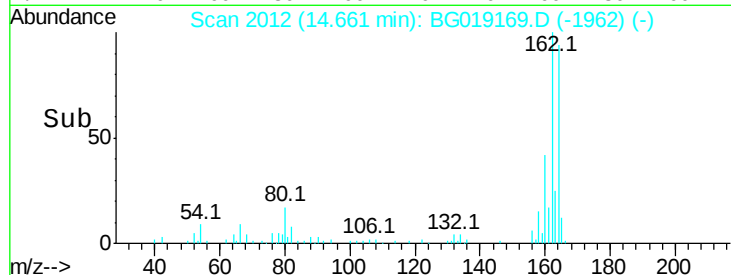
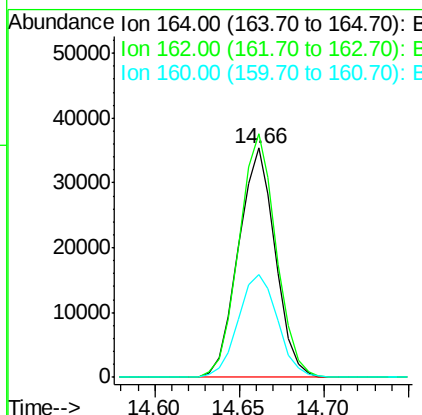
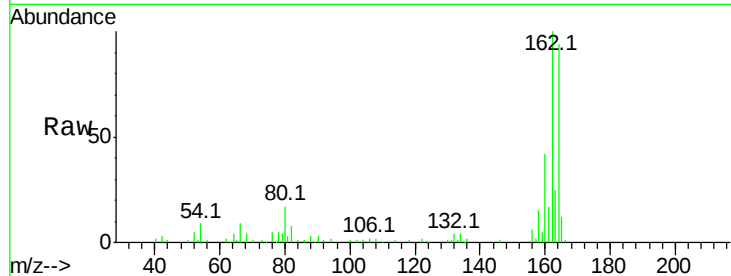




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

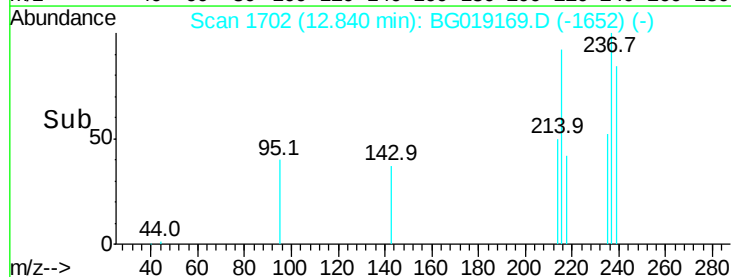
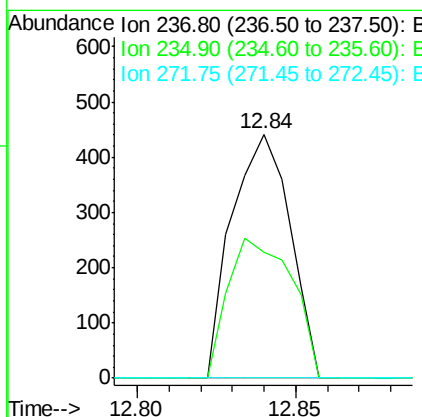
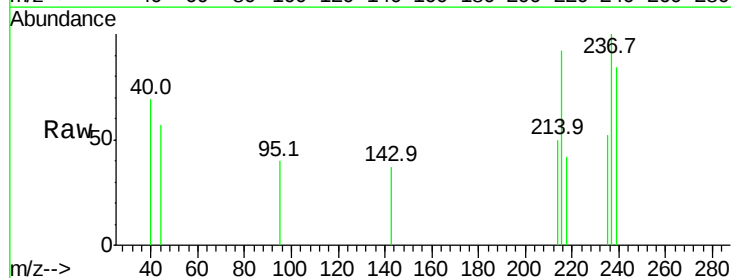
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

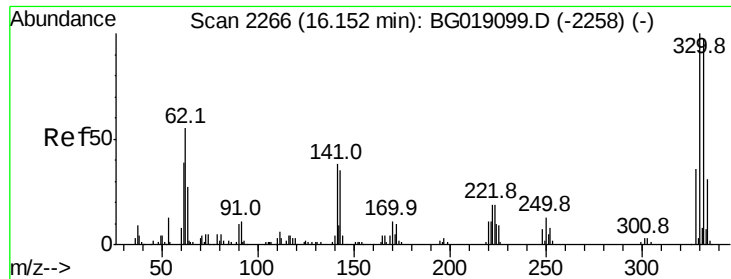
Tot Ion:164 Resp: 53452
Ion Ratio Lower Upper
164 100
162 106.1 82.6 124.0
160 44.6 36.9 55.3



#40
Hexachlorocyclopentadiene
Concen: 0.70 ng
RT: 12.84 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BG019169.D
Acq: 12 Oct 2015 22:22

Tgt Ion:237 Resp: 562
Ion Ratio Lower Upper
237 100
235 51.7 43.2 83.2
272 0.0 0.0 33.2

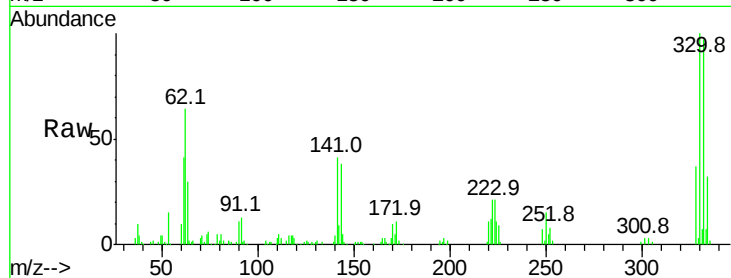




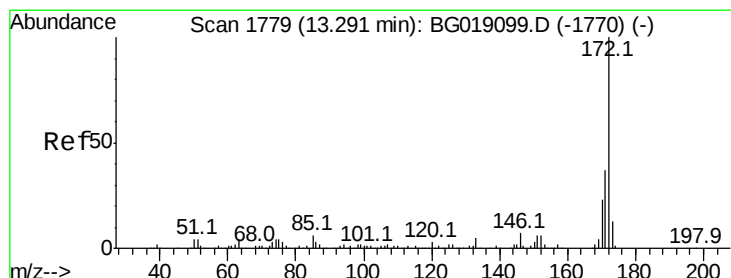
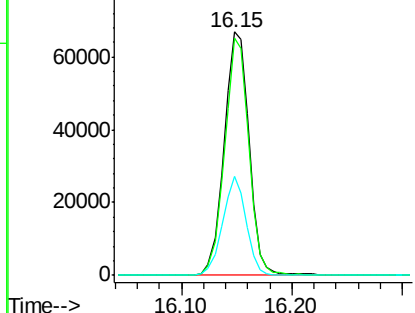
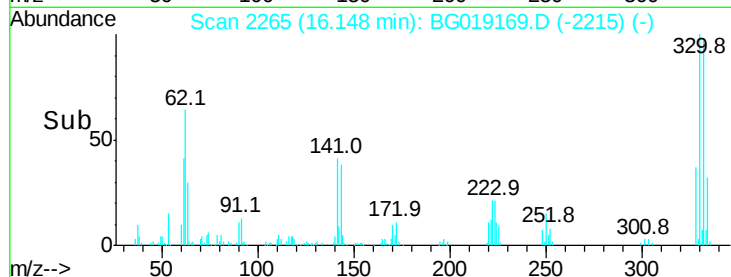
#41
 2,4,6-Tribromophenol
 Concen: 145.60 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:330 Resp: 106053
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.3 115.9
 141 38.0 30.7 46.1

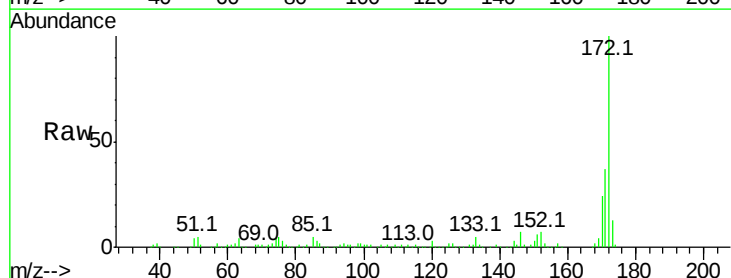


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

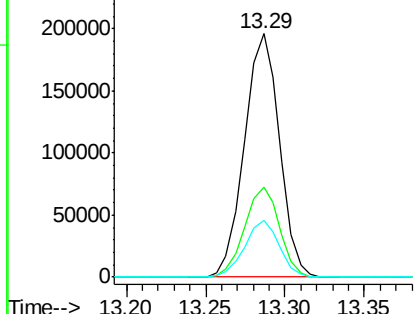
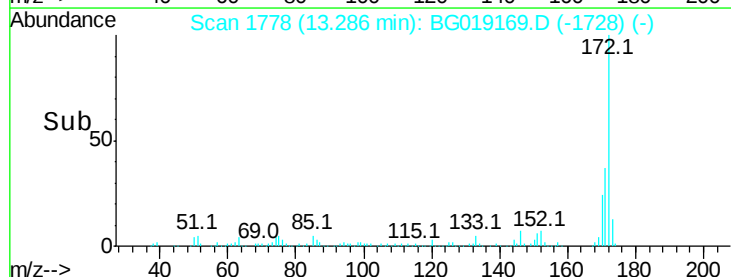


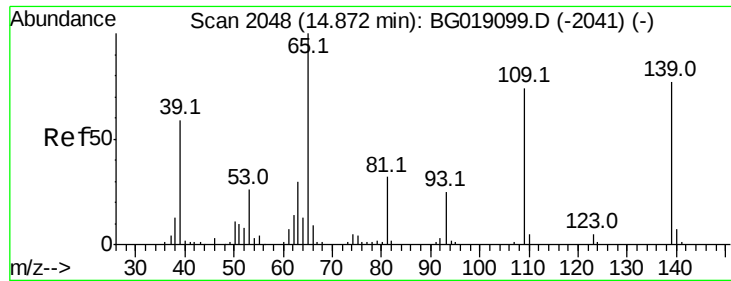
#44
 2-Fluorobiphenyl
 Concen: 86.60 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion:172 Resp: 301053
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.9 44.9
 170 23.5 18.6 27.8



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





#55

4-Nitrophenol

Concen: 0.75 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

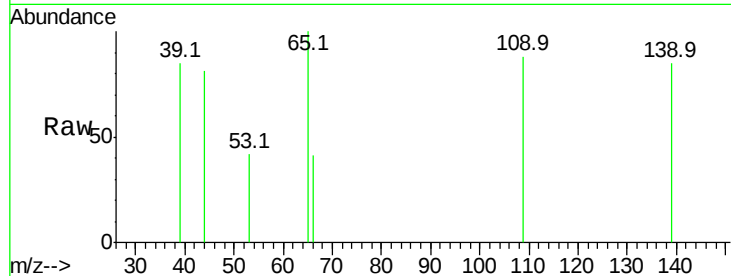
Tot Ion:139 Resp: 568

Ion Ratio Lower Upper

139 100

109 104.4 76.8 116.8

65 118.3 110.0 150.0



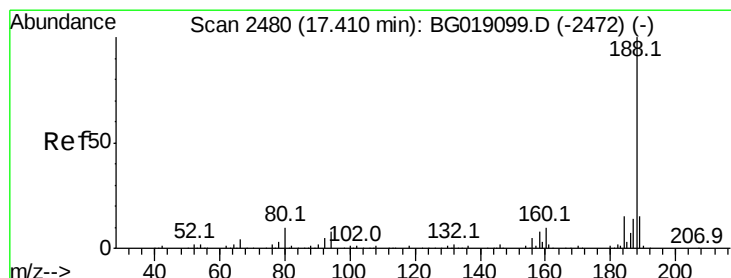
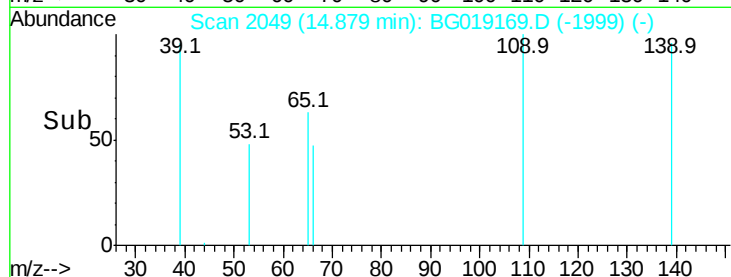
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

14.88

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2479

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

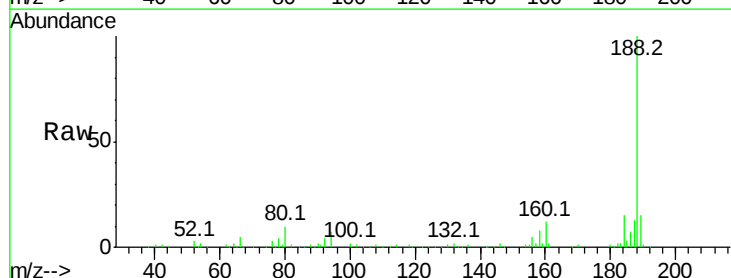
Tgt Ion:188 Resp: 142208

Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

80 9.8 7.6 11.4



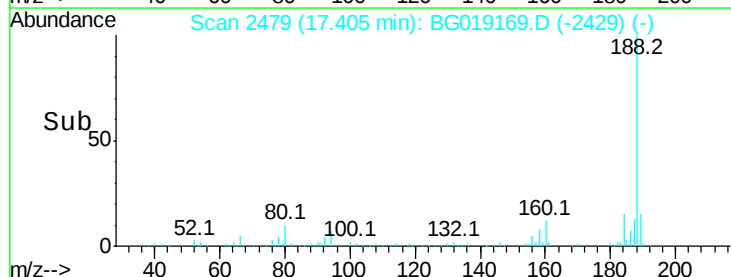
Abundance Ion 188.00 (187.70 to 188.70): E

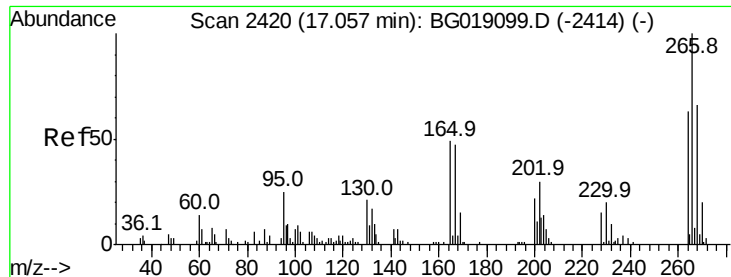
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.41

Time-->

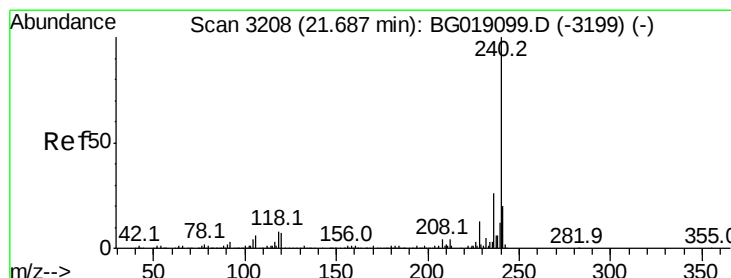
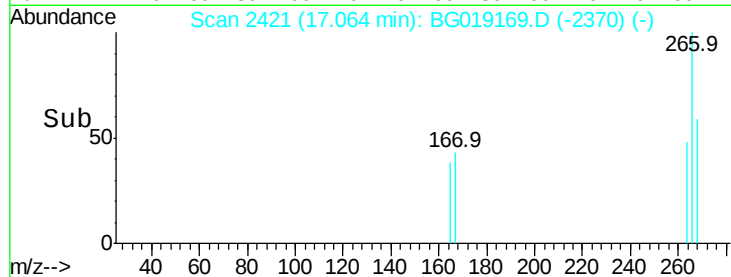
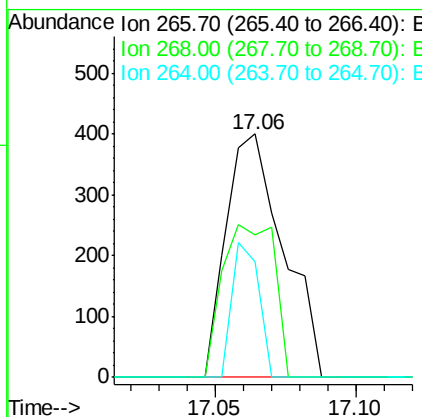
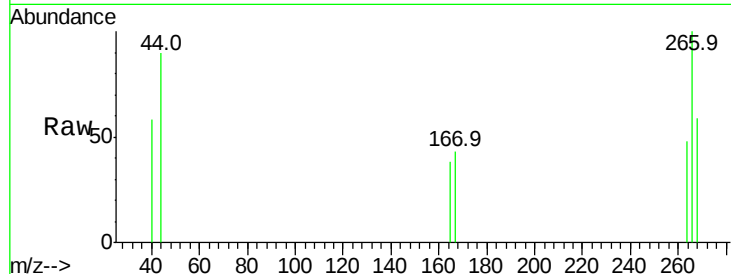




#69
 Pentachlorophenol
 Concen: 0.63 na
 RT: 17.06 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

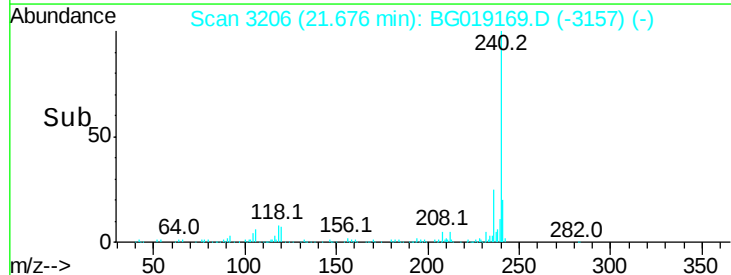
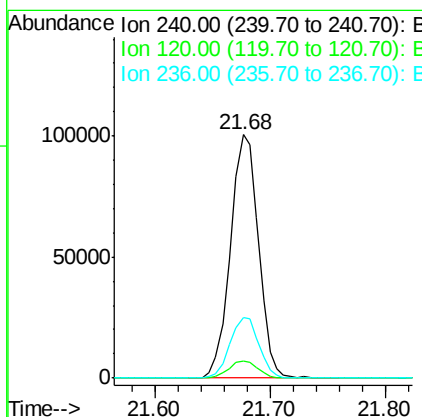
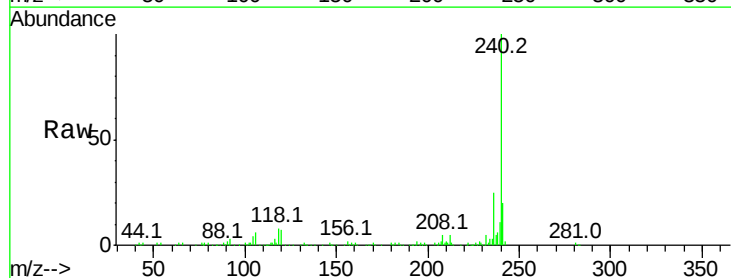
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

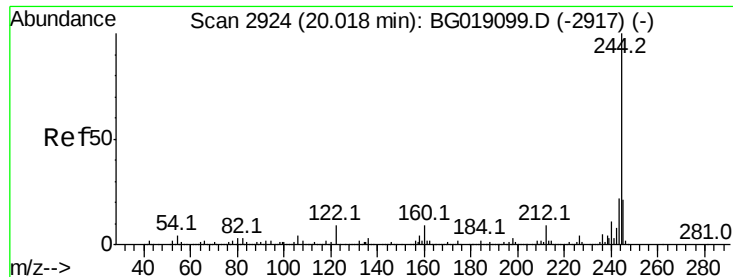
Tot Ion:266 Resp: 561
 Ion Ratio Lower Upper
 266 100
 268 58.5 53.0 79.4
 264 47.5 50.1 75.1#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.68 min Scan# 3206
 Delta R.T. -0.01 min
 Lab File: BG019169.D
 Acq: 12 Oct 2015 22:22

Tgt Ion:240 Resp: 168394
 Ion Ratio Lower Upper
 240 100
 120 7.2 5.8 8.6
 236 25.1 21.2 31.8





#78

Terphenyl-d14

Concen: 87.72 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.00 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

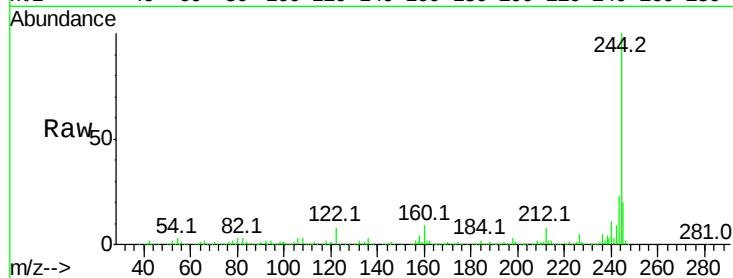
Tot Ion:244 Resp: 559201

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

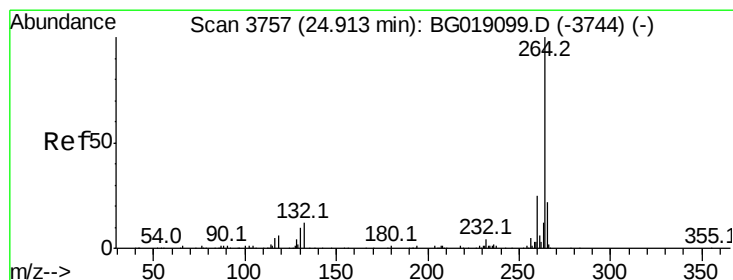
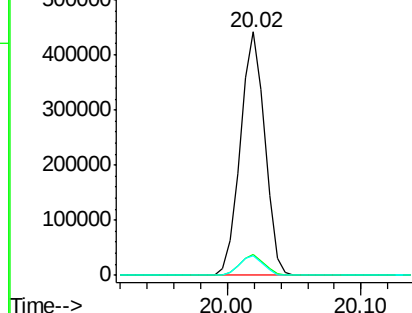
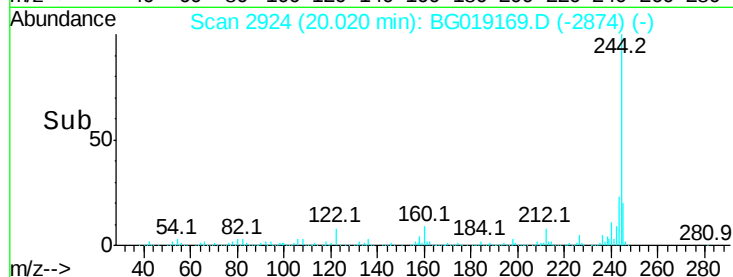
122 8.2 7.4 11.2



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: 20.00 ng

RT: 24.90 min Scan# 3755

Delta R.T. -0.01 min

Lab File: BG019169.D

Acq: 12 Oct 2015 22:22

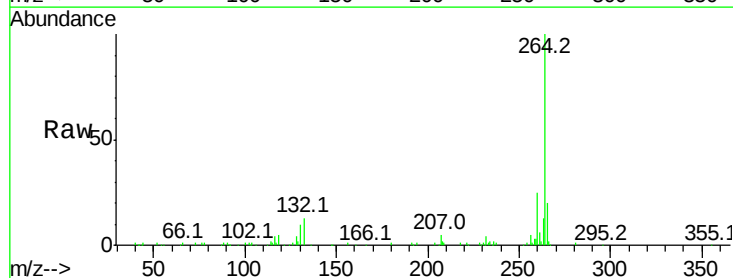
Tgt Ion:264 Resp: 165813

Ion Ratio Lower Upper

264 100

260 24.6 20.1 30.1

265 20.3 17.2 25.8



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

