

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
 Data File : BG023978.D
 Acq On : 9 Sep 2016 17:40
 Operator : UM/SJ
 Sample : H4715-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Sep 09 18:15:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:25:57 2016
 Response via : Initial Calibration

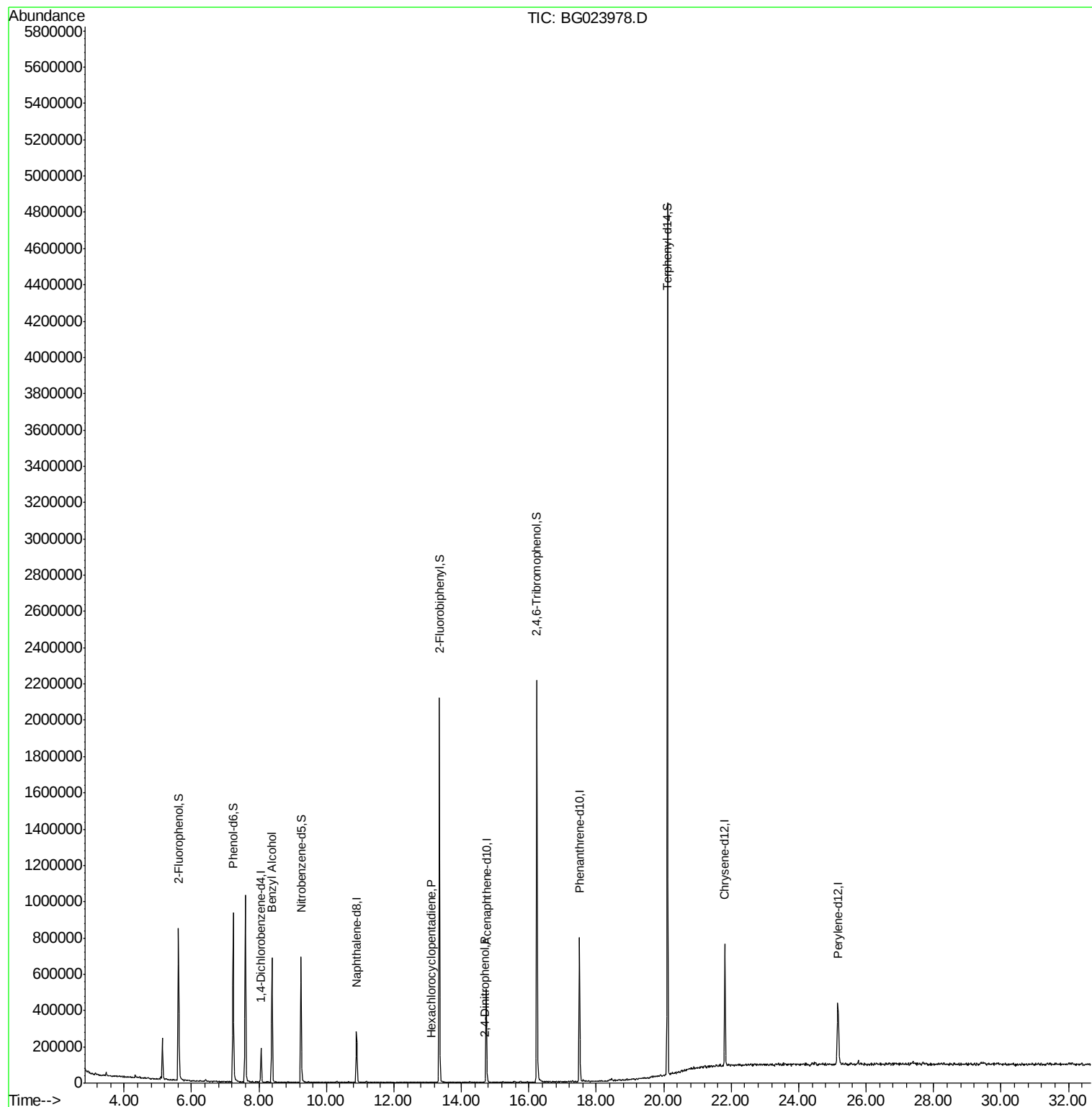
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45891	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	222927	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	178158	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	482574	20.00	ng	0.01
75) Chrysene-d12	21.81	240	435466	20.00	ng	0.00
86) Perylene-d12	25.16	264	400698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	341337	130.59	ng	0.00
7) Phenol-d6	7.23	99	499436	124.13	ng	0.00
23) Nitrobenzene-d5	9.24	82	435087	87.13	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	415107	129.32	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	996251	80.17	ng	0.00
78) Terphenyl-d14	20.11	244	1965989	102.82	ng	0.02
Target Compounds						
15) Benzyl Alcohol	8.38	79	7259	2.05	ng	# 70
40) Hexachlorocyclopentadiene	13.11	237	56	7.10	ng	# 26
53) 2,4-Dinitrophenol	14.70	184	94	6.55	ng	# 10

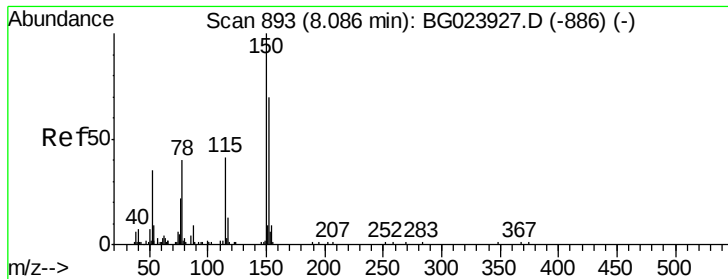
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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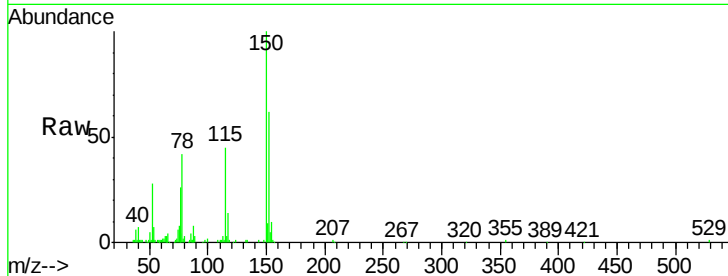


#1

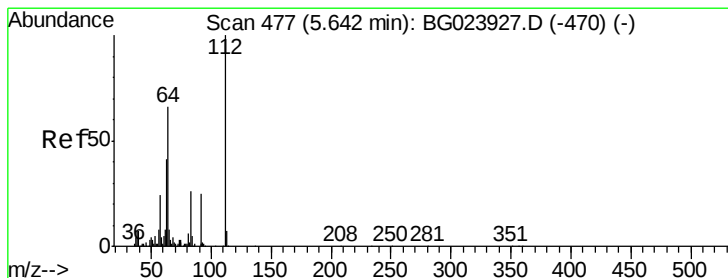
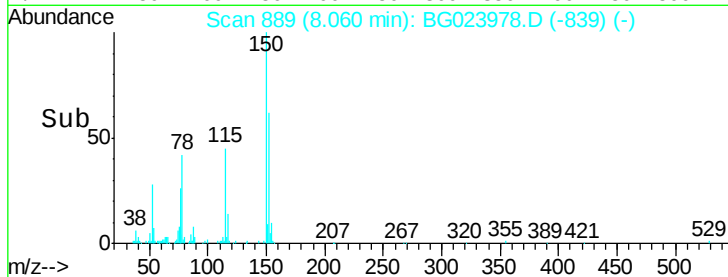
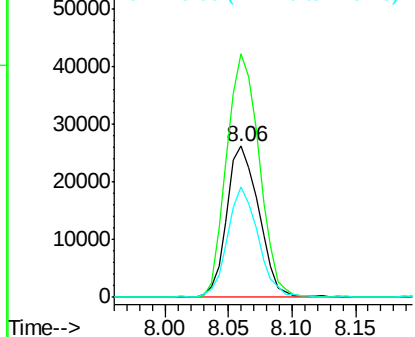
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 889
Delta R.T. -0.00 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:152 Resp: 45891
Ion Ratio Lower Upper
152 100
150 161.3 144.7 217.1
115 73.3 64.0 96.0



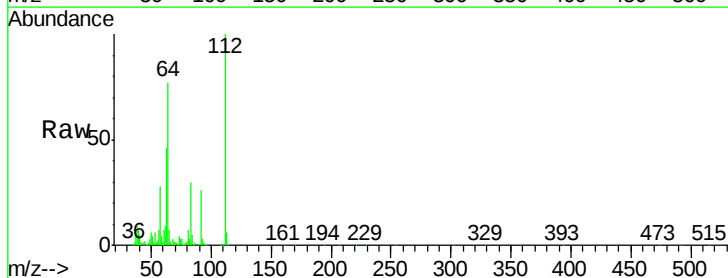
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



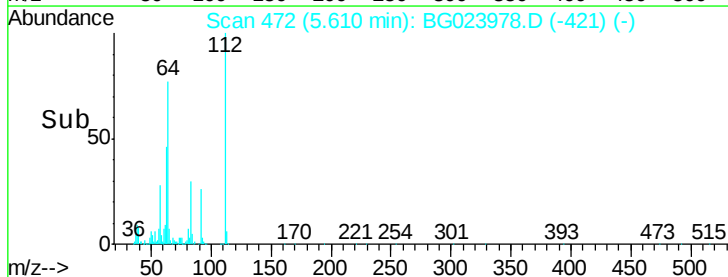
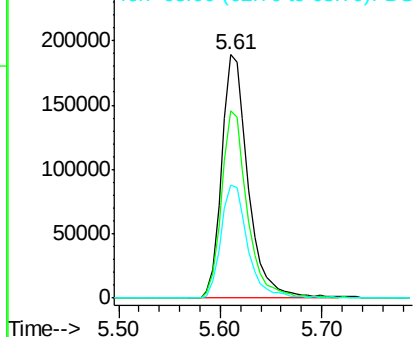
#5

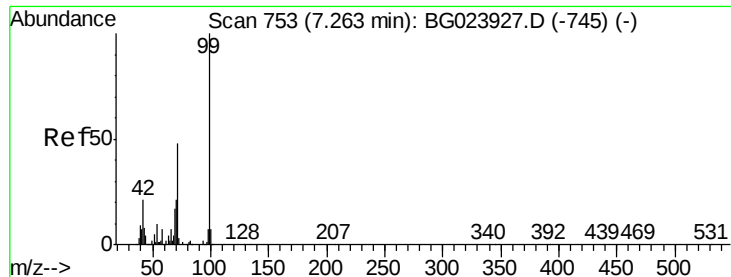
2-Fluorophenol
Concen: 130.59 ng
RT: 5.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Tgt Ion:112 Resp: 341337
Ion Ratio Lower Upper
112 100
64 76.9 59.0 88.4
63 46.4 37.8 56.8



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: 124.13 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG023978.D

Acq: 9 Sep 2016 17:40

Instrument :

BNA_G

ClientSampleId :

SOIL-CUTTINGS

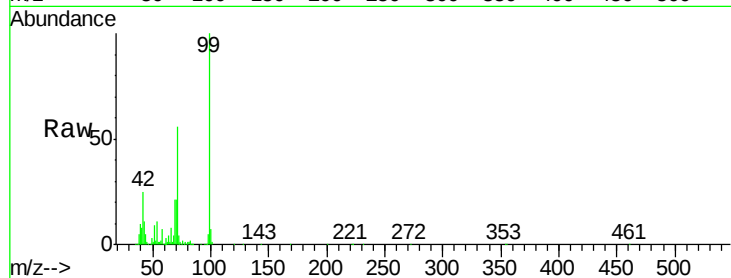
Tgt Ion: 99 Resp: 499436

Ion Ratio Lower Upper

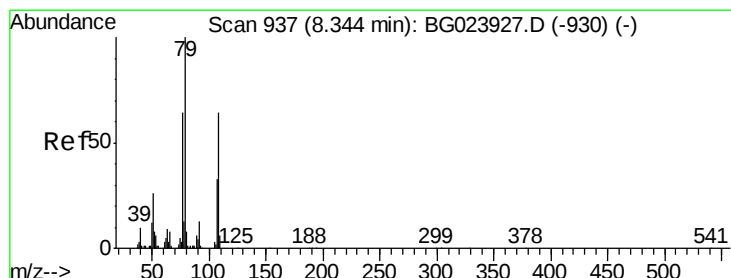
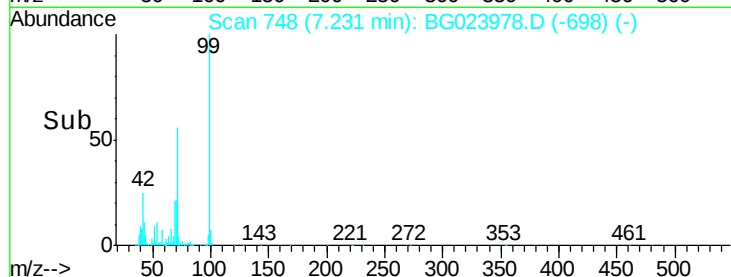
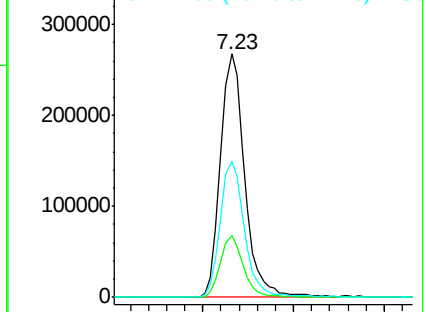
99 100

42 25.4 17.8 26.6

71 56.1 41.5 62.3



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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 8.38 min Scan# 944

Delta R.T. 0.07 min

Lab File: BG023978.D

Acq: 9 Sep 2016 17:40

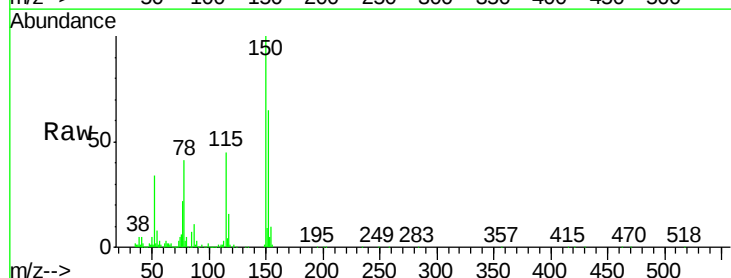
Tgt Ion: 79 Resp: 7259

Ion Ratio Lower Upper

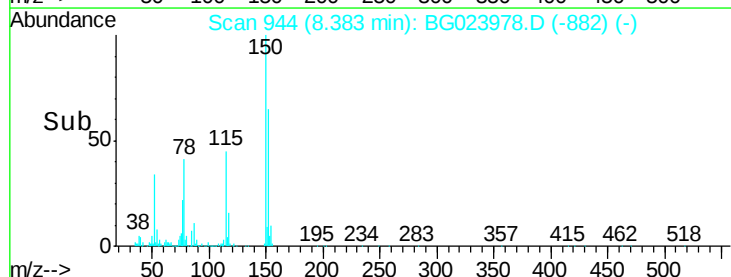
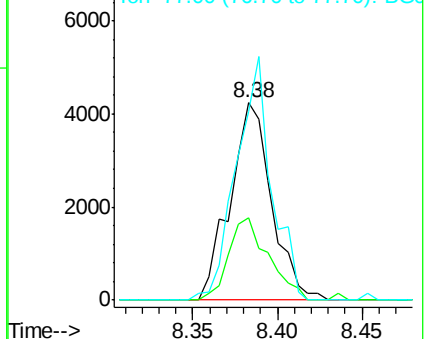
79 100

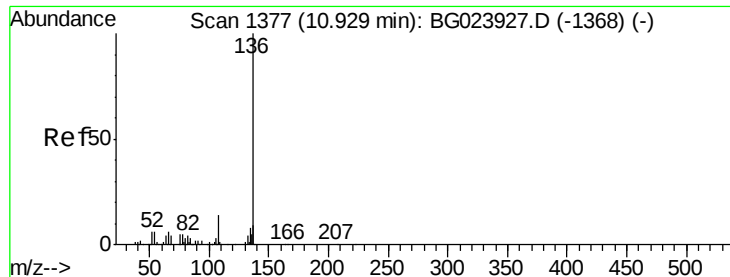
108 41.9 46.5 69.7#

77 95.5 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

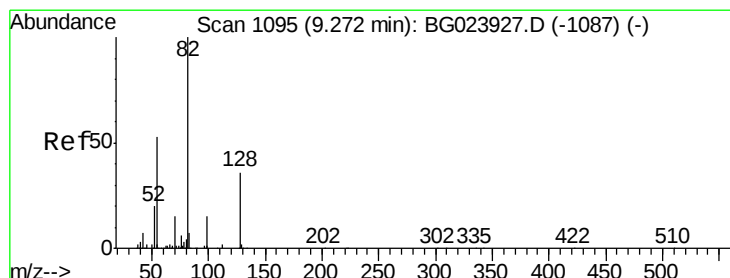
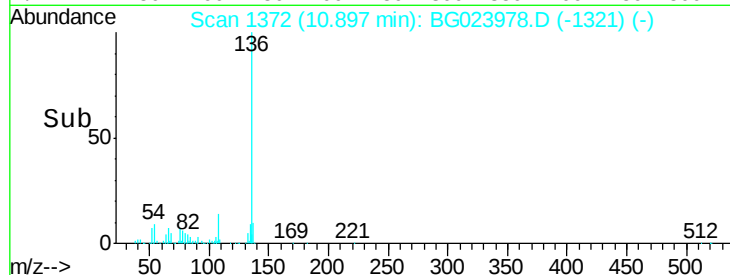
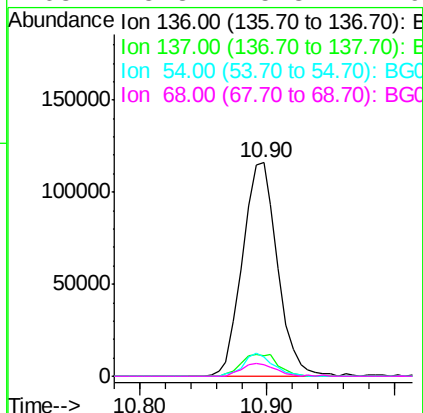
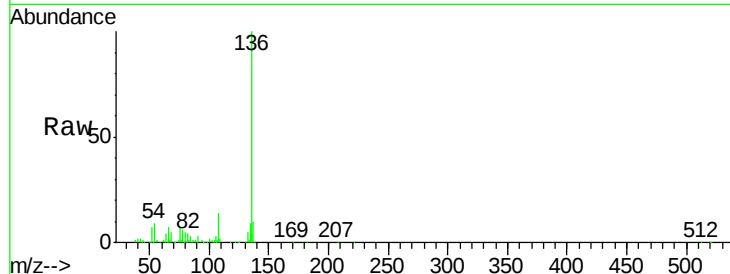




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.90 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

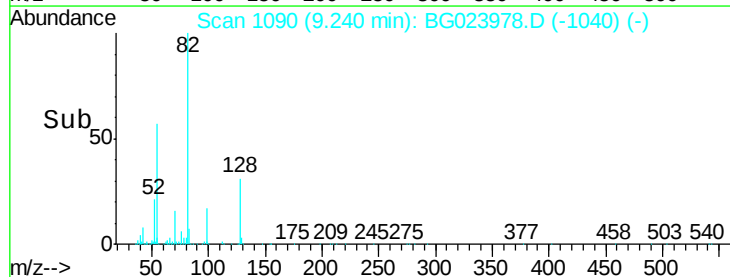
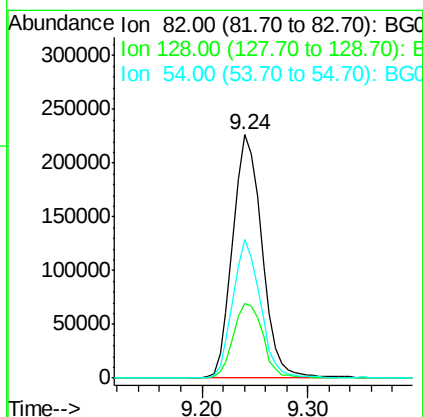
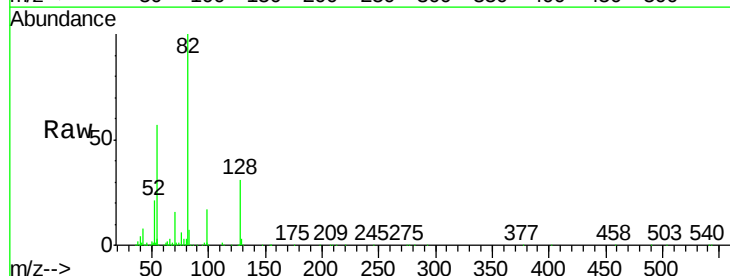
Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

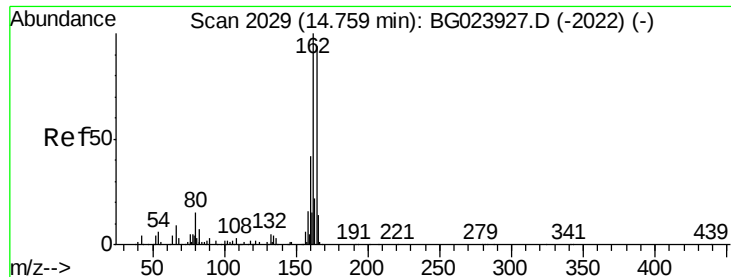
Tgt Ion:	136	Resp:	222927
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.6	14.4
54	8.9	7.3	10.9
68	5.3	5.3	7.9



#23
Nitrobenzene-d5
Concen: 87.13 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Tgt Ion:	82	Resp:	435087
Ion	Ratio	Lower	Upper
82	100		
128	30.7	24.4	36.6
54	56.9	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BG023978.D

Acq: 9 Sep 2016 17:40

Instrument :

BNA_G

ClientSampleId :

SOIL-CUTTINGS

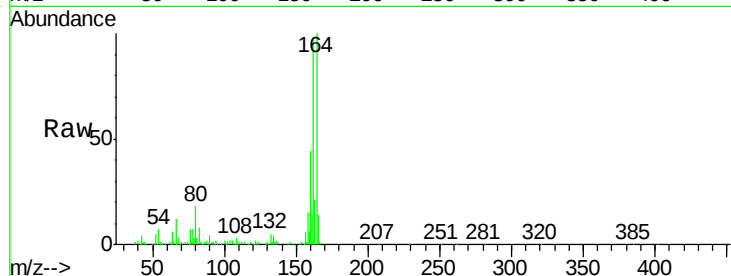
Tgt Ion:164 Resp: 178158

Ion Ratio Lower Upper

164 100

162 97.9 87.7 131.5

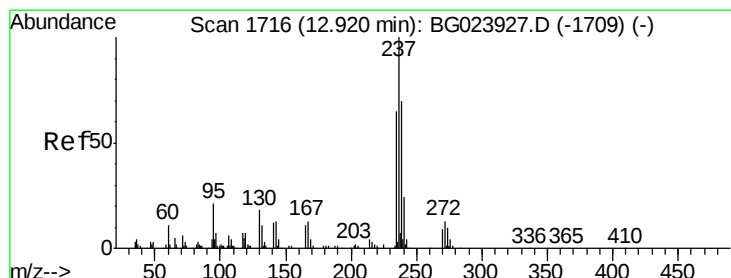
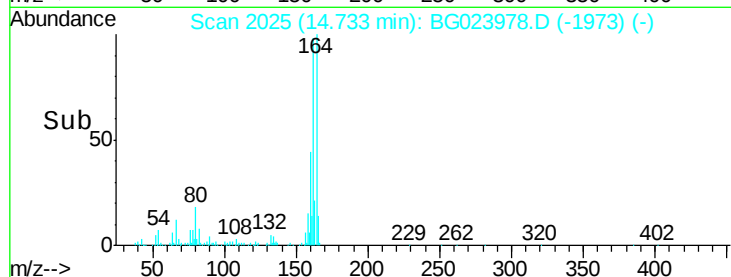
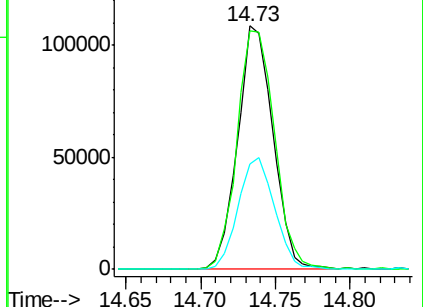
160 43.5 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 7.10 ng

RT: 13.11 min Scan# 1748

Delta R.T. 0.22 min

Lab File: BG023978.D

Acq: 9 Sep 2016 17:40

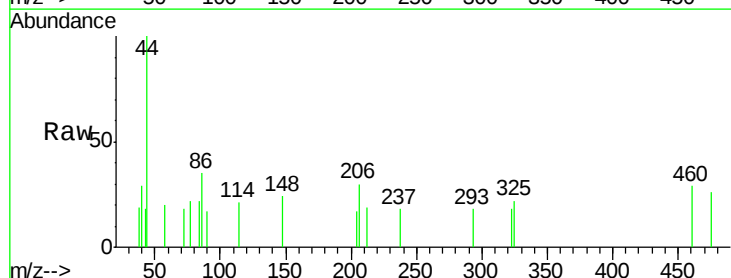
Tgt Ion:237 Resp: 56

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

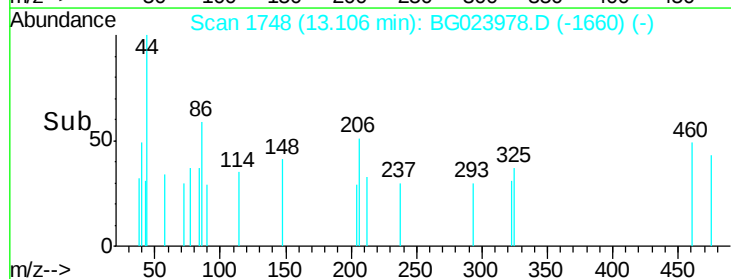
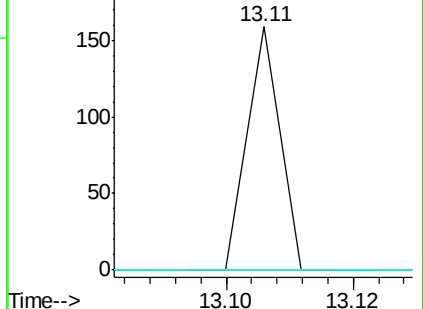
272 0.0 0.0 30.9

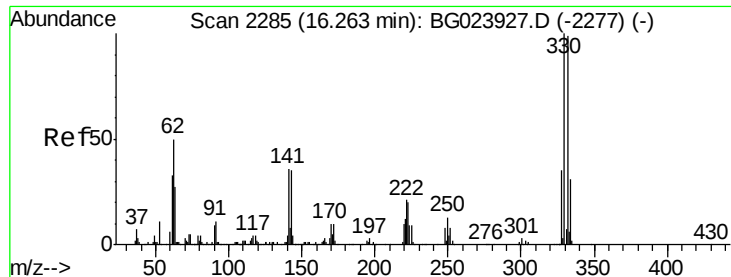


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

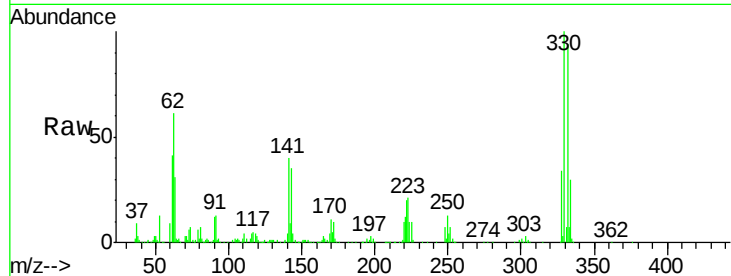




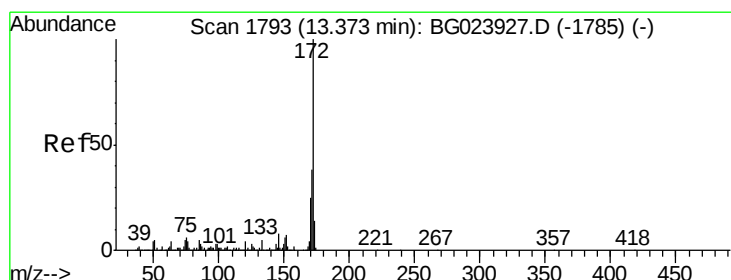
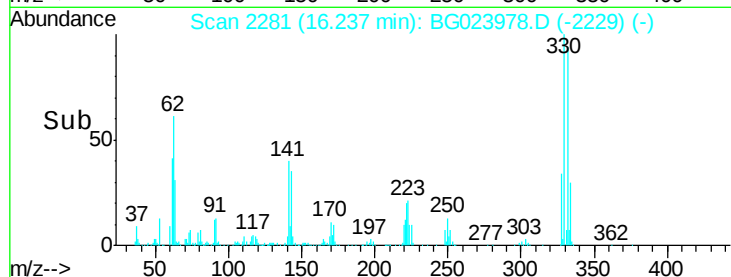
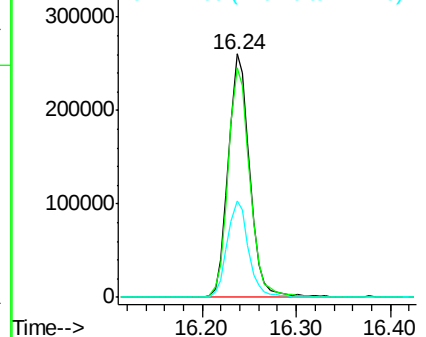
#41
 2,4,6-Tribromophenol
 Concen: 129.32 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. 0.01 min
 Lab File: BG023978.D
 Acq: 9 Sep 2016 17:40

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-CUTTINGS

Tgt Ion:330 Resp: 415107
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 39.6 31.7 47.5

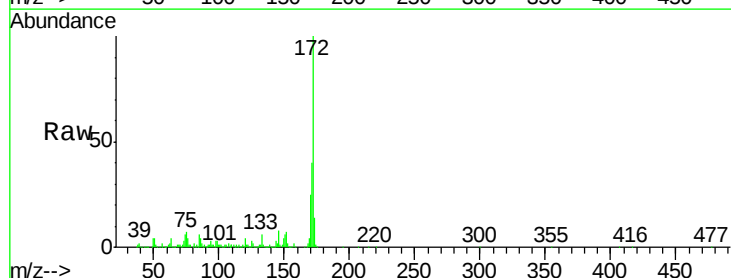


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

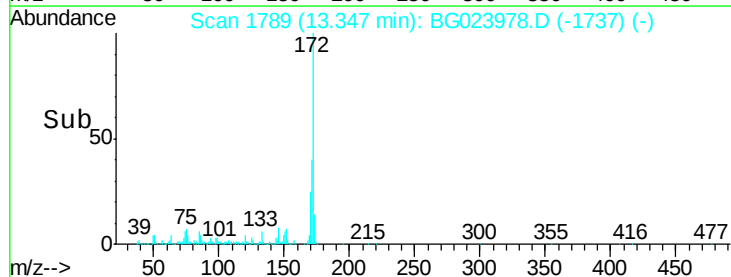
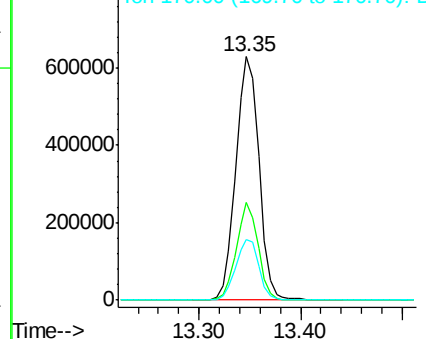


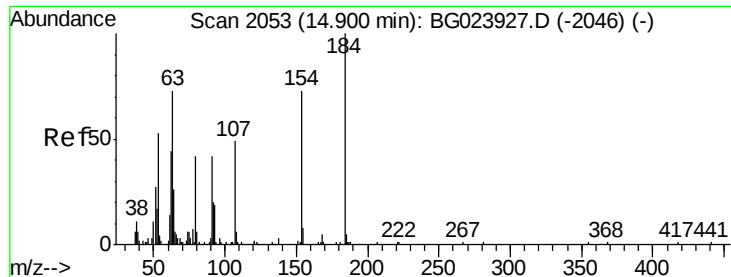
#44
 2-Fluorobiphenyl
 Concen: 80.17 ng
 RT: 13.35 min Scan# 1789
 Delta R.T. 0.01 min
 Lab File: BG023978.D
 Acq: 9 Sep 2016 17:40

Tgt Ion:172 Resp: 996251
 Ion Ratio Lower Upper
 172 100
 171 39.9 31.6 47.4
 170 24.9 21.3 31.9



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

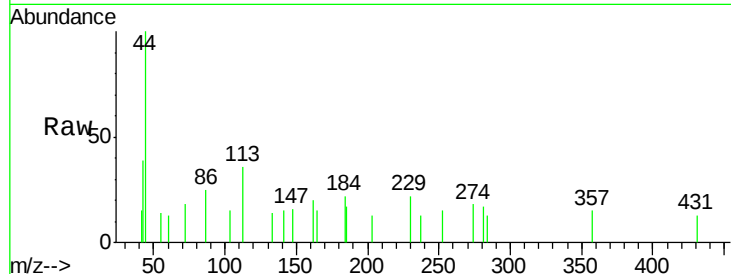




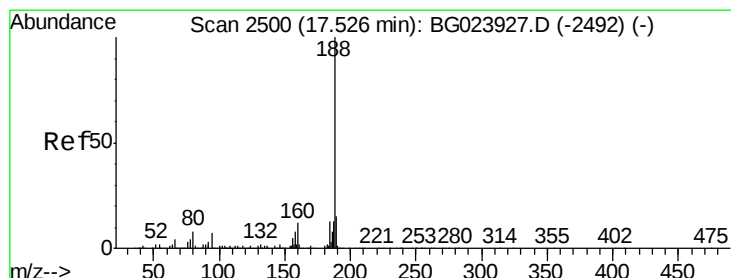
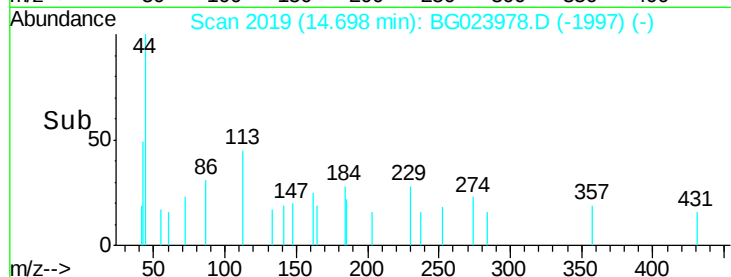
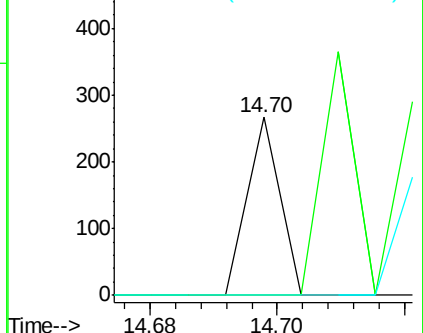
#53
2,4-Dinitrophenol
Concen: 6.55 ng
RT: 14.70 min Scan# 2019
Delta R.T. -0.17 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:184 Resp: 94
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 67.4 101.0#

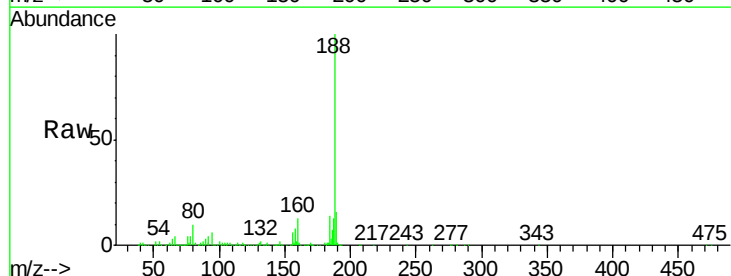


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

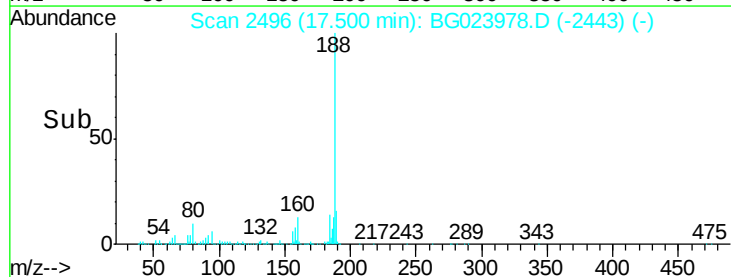
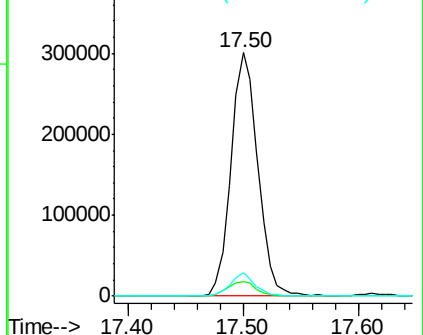


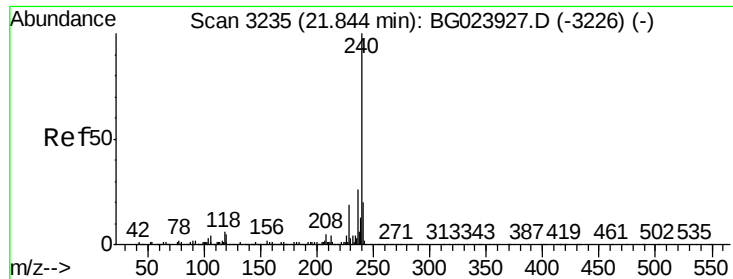
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. 0.01 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Tgt Ion:188 Resp: 482574
Ion Ratio Lower Upper
188 100
94 6.1 5.2 7.8
80 9.7 7.2 10.8



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: 21.81 min Scan# 3230

Delta R.T. 0.01 min

Lab File: BG023978.D

Acq: 9 Sep 2016 17:40

Instrument :

BNA_G

ClientSampleId :

SOIL-CUTTINGS

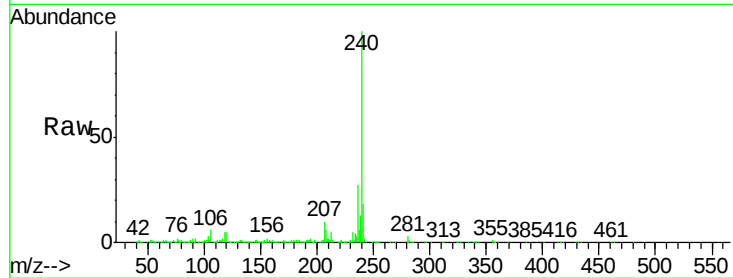
Tgt Ion:240 Resp: 435466

Ion Ratio Lower Upper

240 100

120 5.1 4.1 6.1

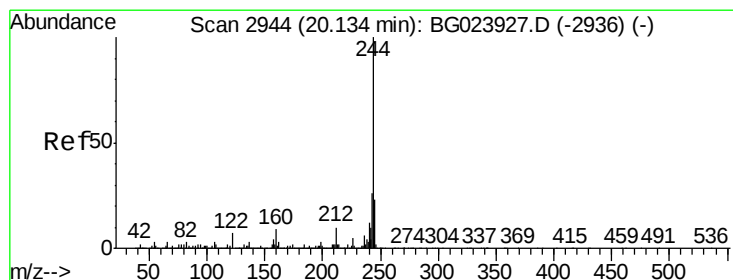
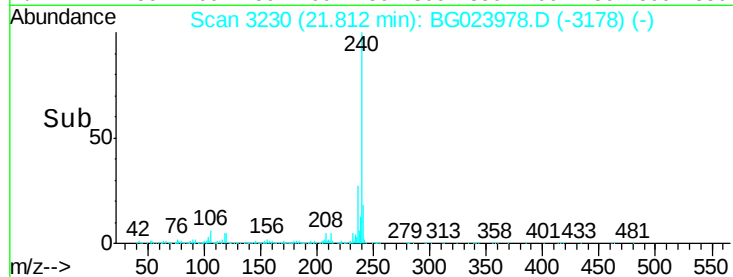
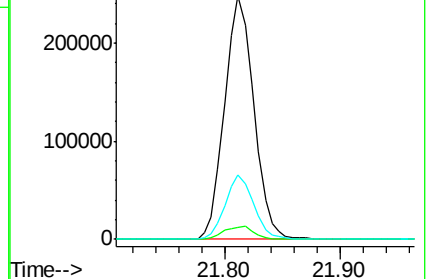
236 26.6 21.1 31.7



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: 102.82 ng

RT: 20.11 min Scan# 2941

Delta R.T. 0.02 min

Lab File: BG023978.D

Acq: 9 Sep 2016 17:40

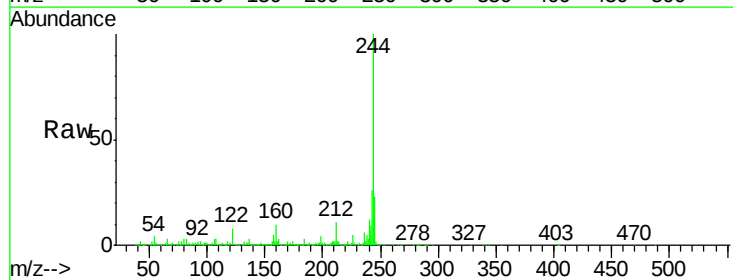
Tgt Ion:244 Resp: 1965989

Ion Ratio Lower Upper

244 100

212 10.7 10.8 16.2#

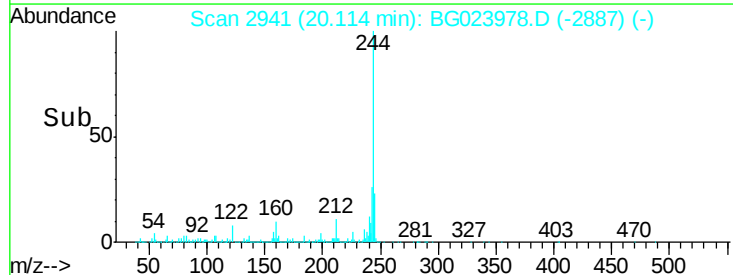
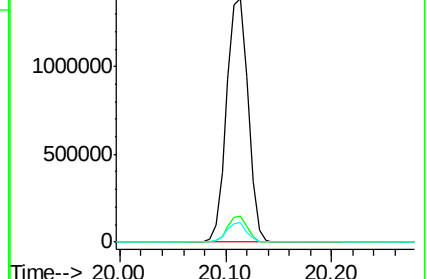
122 7.8 8.0 12.0#

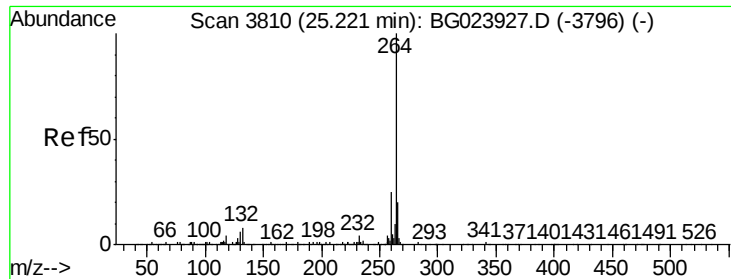


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.16 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.4	27.6
265	21.3	18.9	28.3

