

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
 Data File : BG023942.D
 Acq On : 1 Sep 2016 21:05
 Operator : UM/SJ
 Sample : H4635-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOIL

Quant Time: Sep 02 01:04:11 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

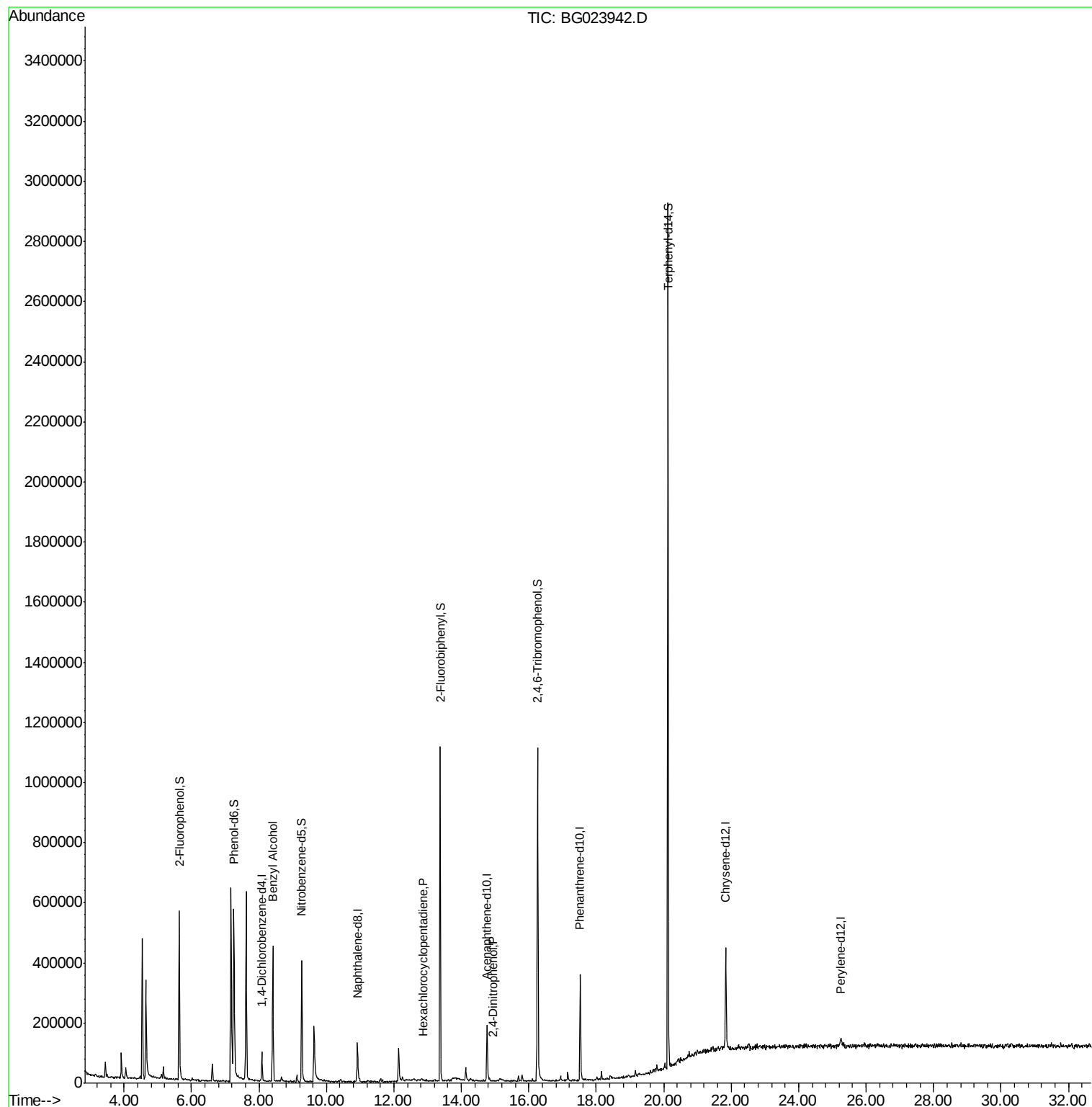
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	23378	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	105275	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	58692	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	229240	20.00	ng	0.00
75) Chrysene-d12	21.84	240	225557	20.00	ng	0.00
86) Perylene-d12	25.24	264	18063	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	204665	153.70	ng	0.00
7) Phenol-d6	7.26	99	257491	125.62	ng	0.00
23) Nitrobenzene-d5	9.26	82	242339	102.77	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	214624	202.97	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	552851	135.05	ng	0.00
78) Terphenyl-d14	20.13	244	1184571	119.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.41	79	4680	2.59	ng	# 73
40) Hexachlorocyclopentadiene	12.88	237	59	7.13	ng	# 26
53) 2,4-Dinitrophenol	14.93	184	61	6.58	ng	# 10

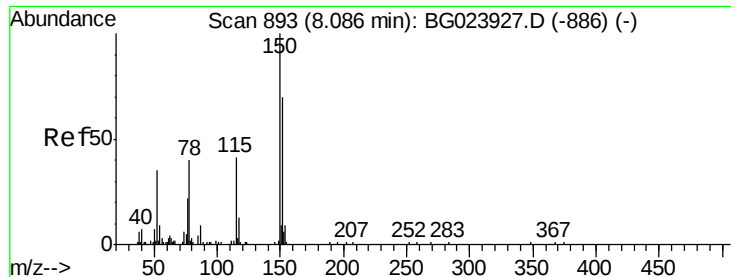
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG023942.D

Acq: 1 Sep 2016 21:05

Instrument :

BNA_G

ClientSampleId :

11FT-SOIL

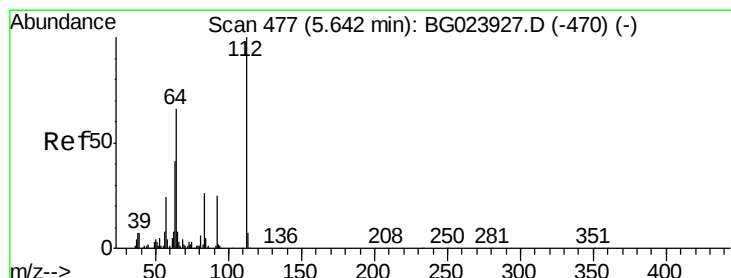
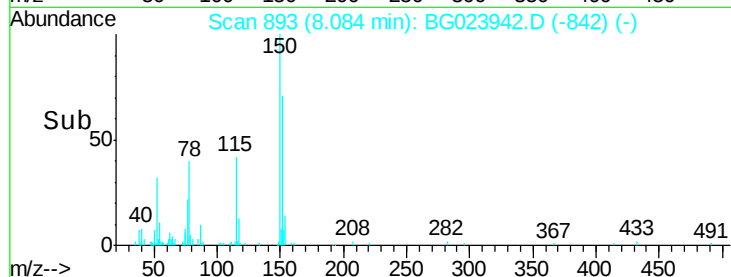
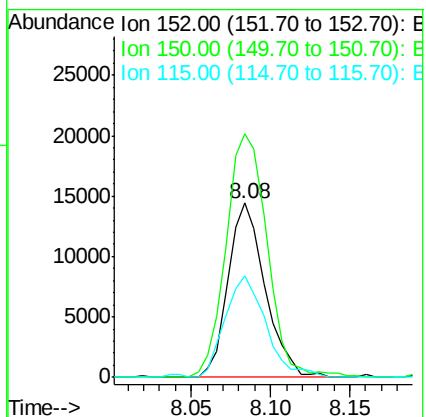
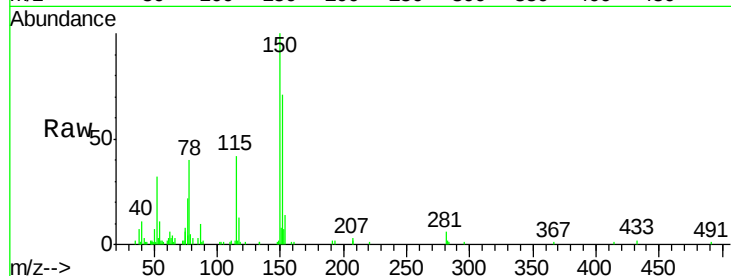
Tgt Ion:152 Resp: 23378

Ion Ratio Lower Upper

152 100

150 140.0 144.7 217.1#

115 58.3 64.0 96.0#



#5

2-Fluorophenol

Concen: 153.70 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.01 min

Lab File: BG023942.D

Acq: 1 Sep 2016 21:05

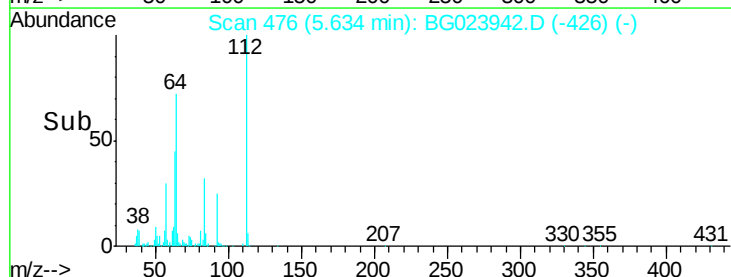
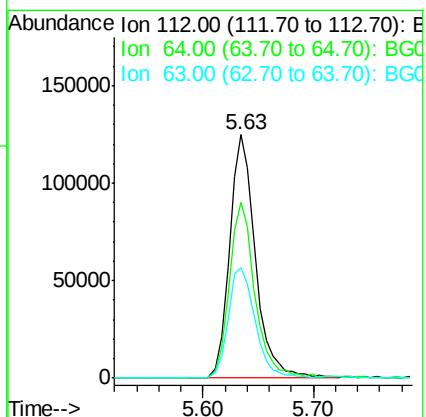
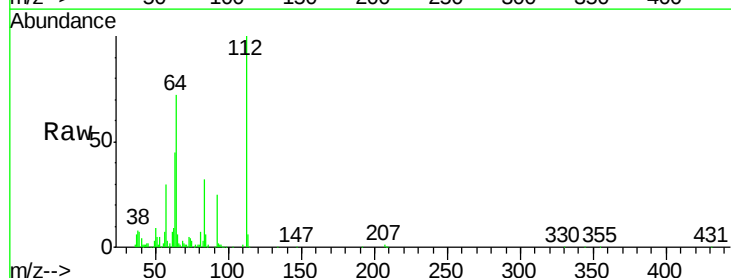
Tgt Ion:112 Resp: 204665

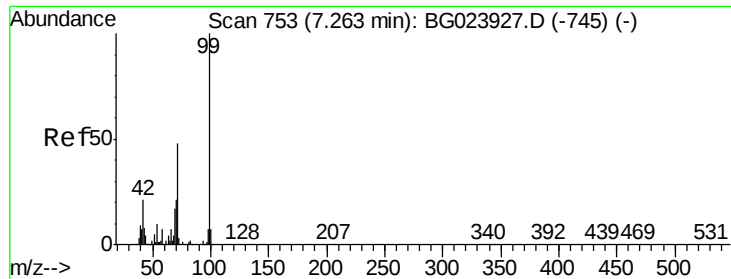
Ion Ratio Lower Upper

112 100

64 72.4 59.0 88.4

63 45.4 37.8 56.8





#7

Phenol-d6

Concen: 125.62 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG023942.D

Acq: 1 Sep 2016 21:05

Instrument :

BNA_G

ClientSampleId :

11FT-SOIL

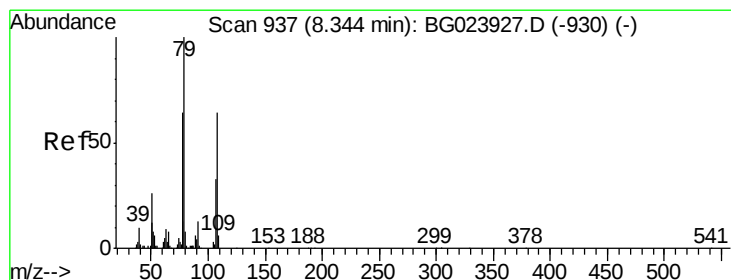
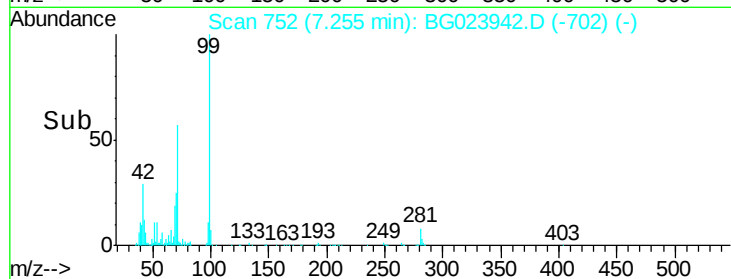
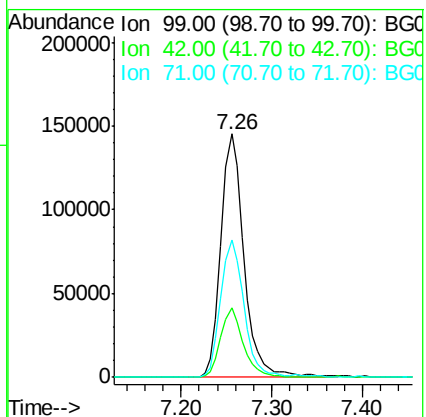
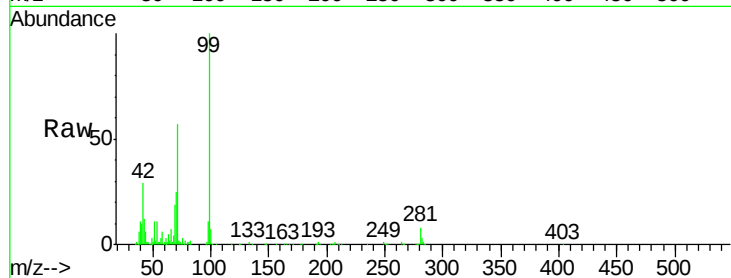
Tgt Ion: 99 Resp: 257491

Ion Ratio Lower Upper

99 100

42 28.6 17.8 26.6#

71 56.5 41.5 62.3



#15

Benzyl Alcohol

Concen: 2.59 ng

RT: 8.41 min Scan# 948

Delta R.T. 0.06 min

Lab File: BG023942.D

Acq: 1 Sep 2016 21:05

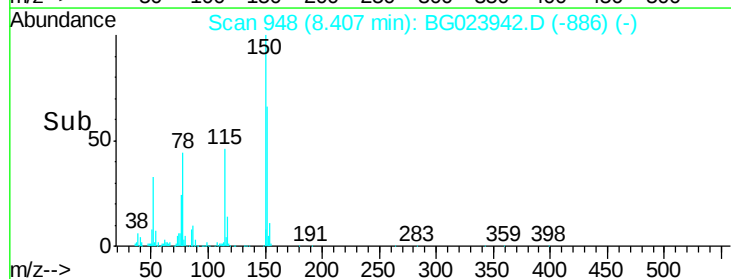
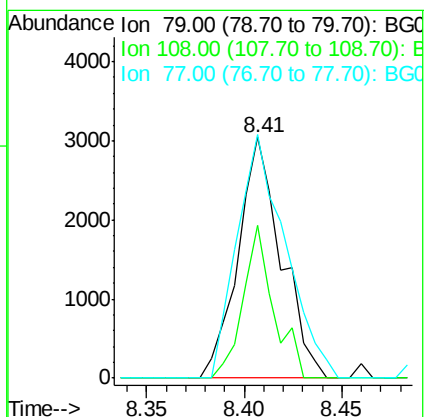
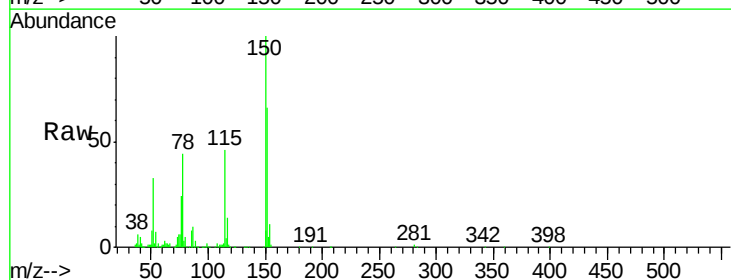
Tgt Ion: 79 Resp: 4680

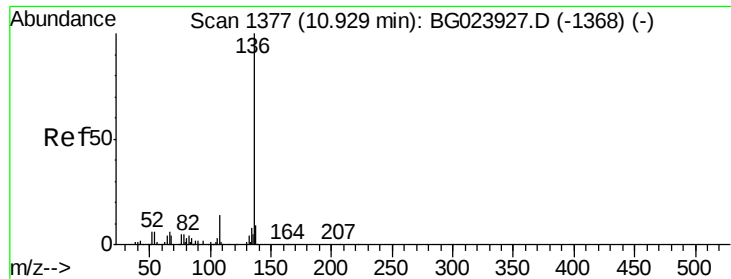
Ion Ratio Lower Upper

79 100

108 63.4 46.5 69.7

77 101.1 52.3 78.5#

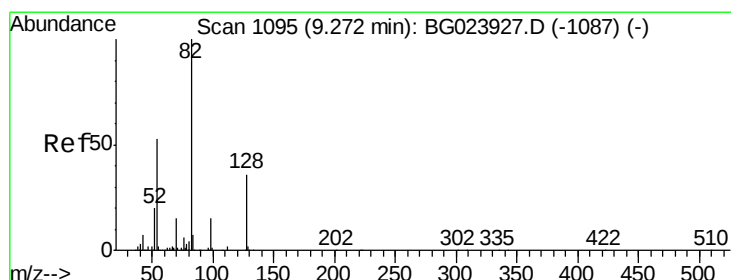
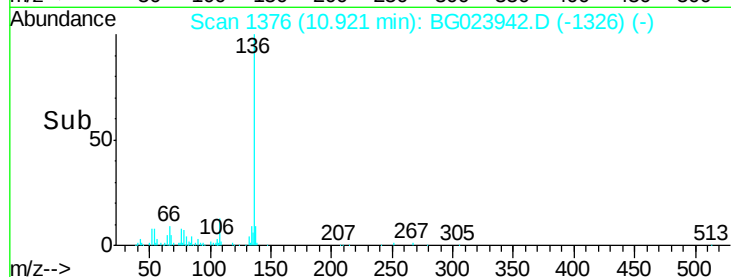
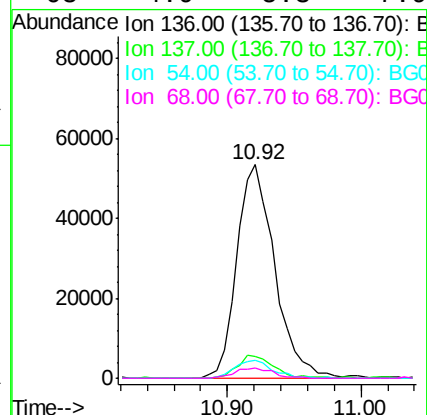
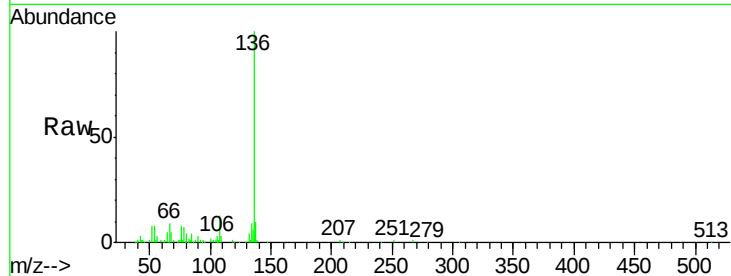




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG023942.D
Acq: 1 Sep 2016 21:05

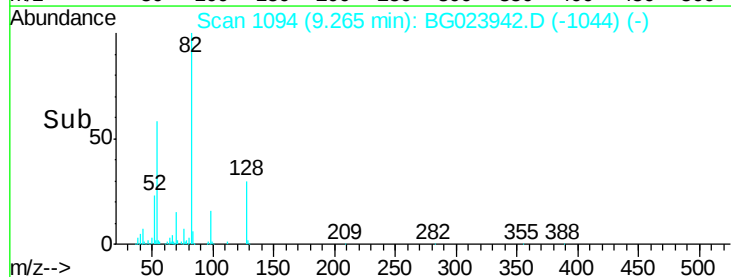
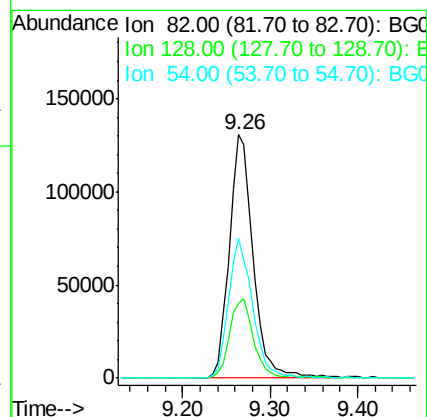
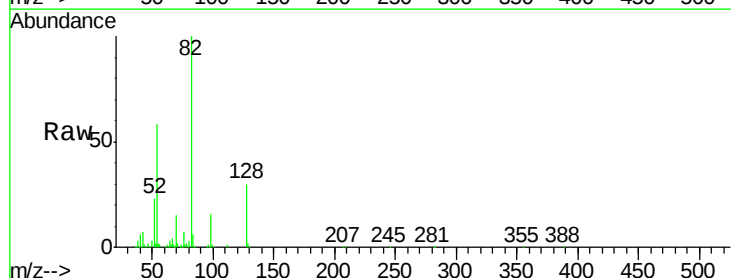
Instrument :
BNA_G
ClientSampleId :
11FT-SOIL

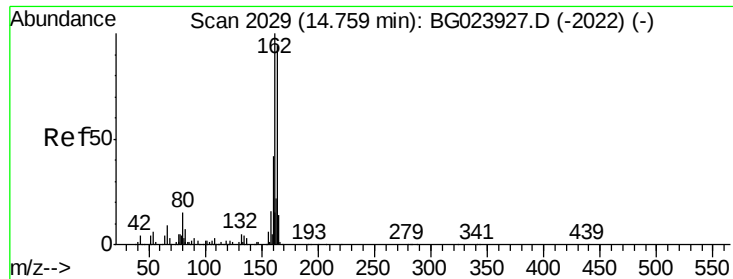
Tgt Ion:	136	Resp:	105275
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	8.3	7.3	10.9
68	4.9	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 102.77 ng
RT: 9.26 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BG023942.D
Acq: 1 Sep 2016 21:05

Tgt Ion:	82	Resp:	242339
Ion	Ratio	Lower	Upper
82	100		
128	30.4	24.4	36.6
54	57.6	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG023942.D

Acq: 1 Sep 2016 21:05

Instrument :

BNA_G

ClientSampleId :

11FT-SOIL

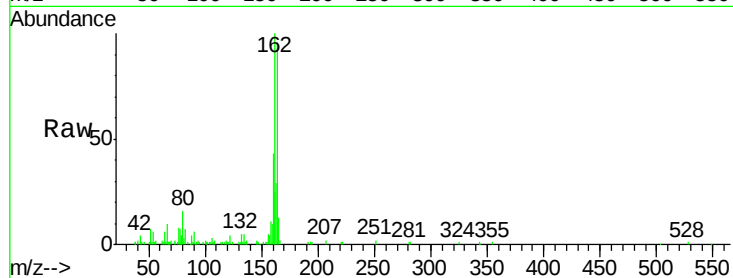
Tgt Ion:164 Resp: 58692

Ion Ratio Lower Upper

164 100

162 104.5 87.7 131.5

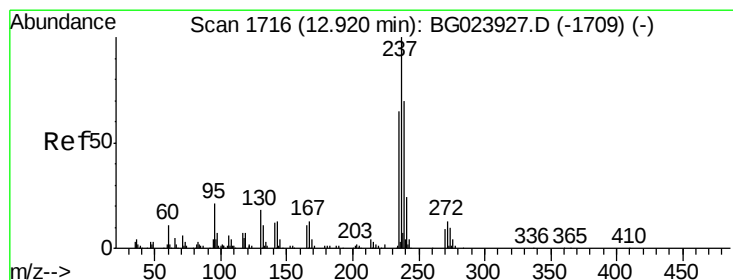
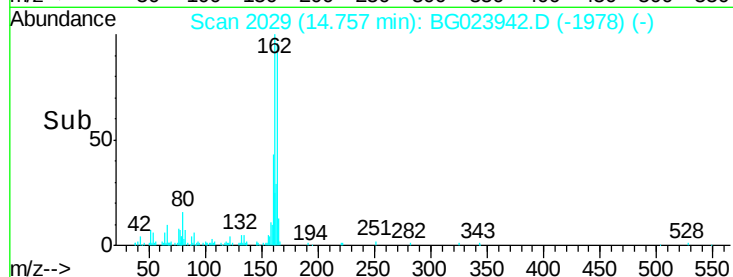
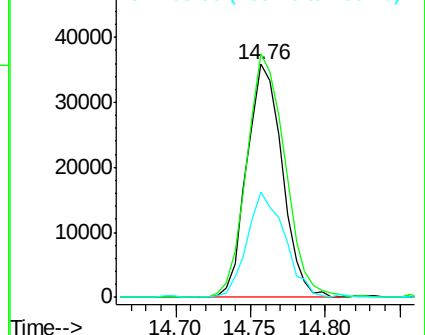
160 45.2 37.2 55.8



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: 7.13 ng

RT: 12.88 min Scan# 1709

Delta R.T. -0.04 min

Lab File: BG023942.D

Acq: 1 Sep 2016 21:05

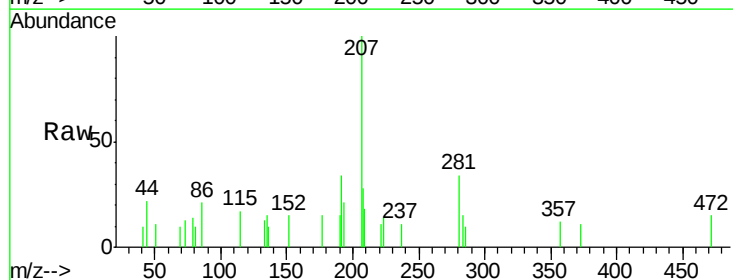
Tgt Ion:237 Resp: 59

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

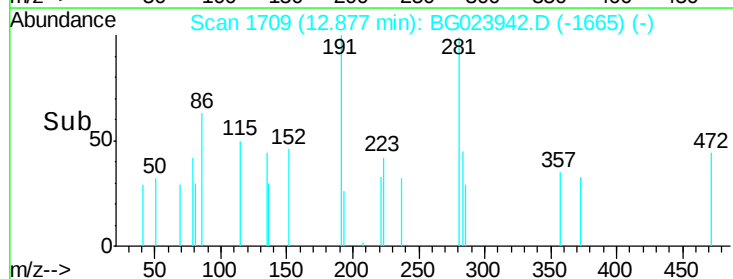
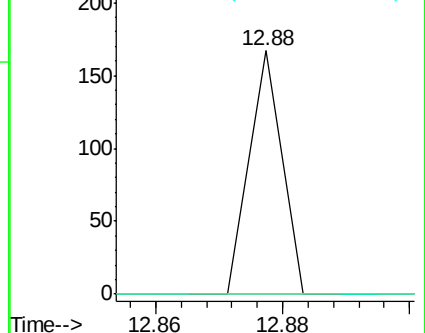
272 0.0 0.0 30.9

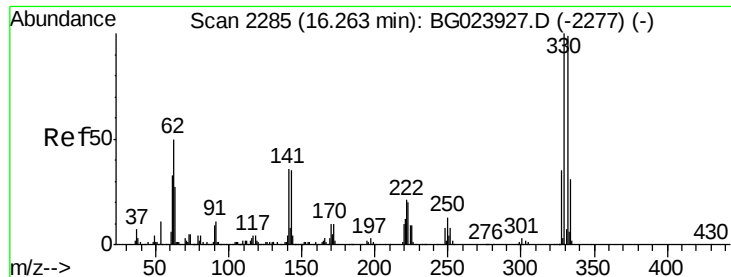


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

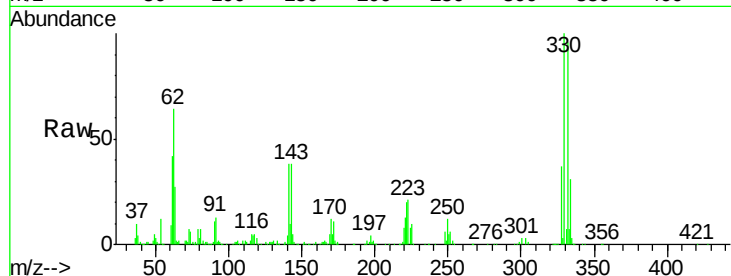




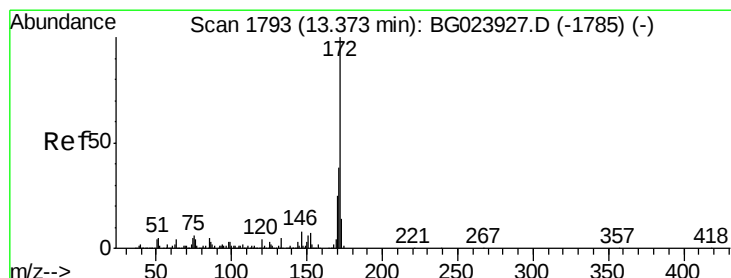
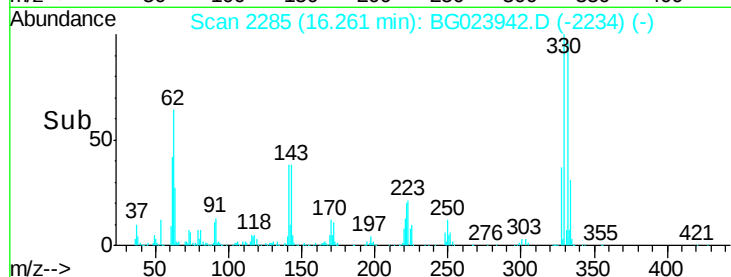
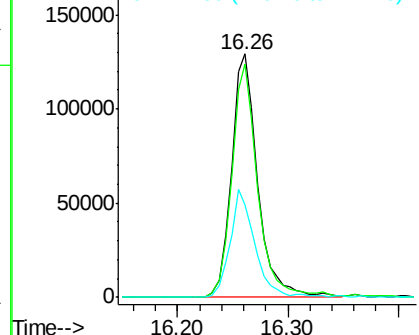
#41
 2,4,6-Tribromophenol
 Concen: 202.97 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG023942.D
 Acq: 1 Sep 2016 21:05

Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOIL

Tgt Ion:330 Resp: 214624
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.4 116.2
 141 42.2 31.7 47.5

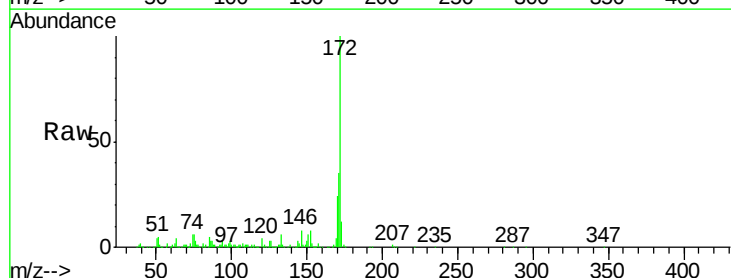


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

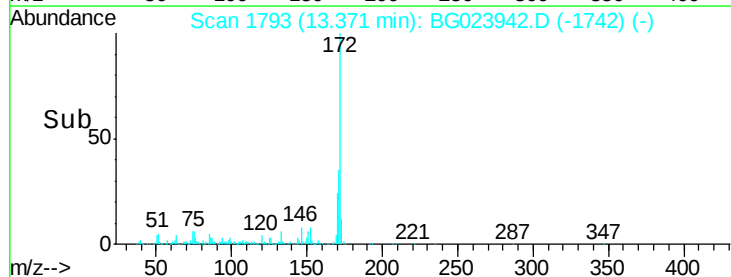
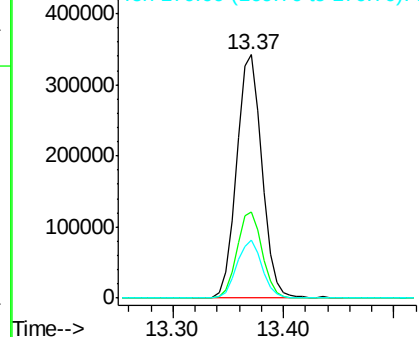


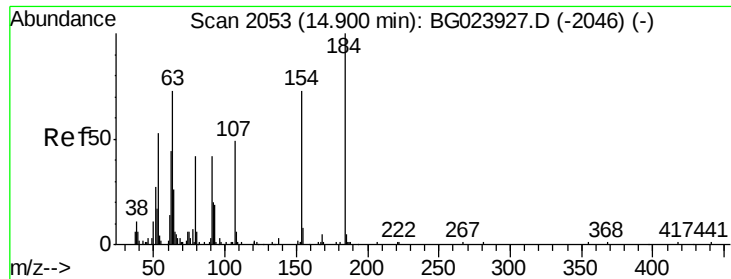
#44
 2-Fluorobiphenyl
 Concen: 135.05 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG023942.D
 Acq: 1 Sep 2016 21:05

Tgt Ion:172 Resp: 552851
 Ion Ratio Lower Upper
 172 100
 171 35.4 31.6 47.4
 170 23.6 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

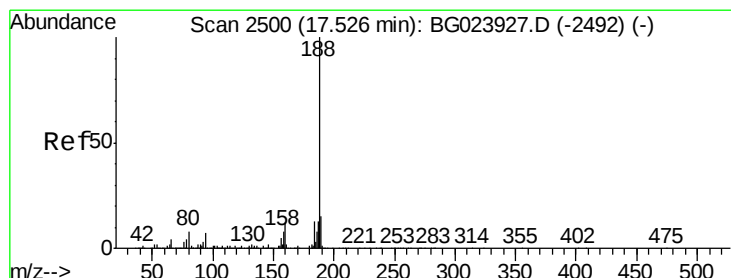
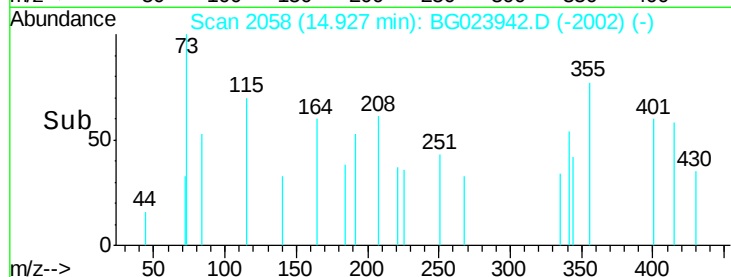
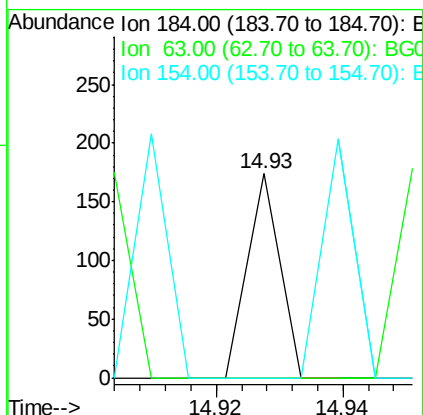
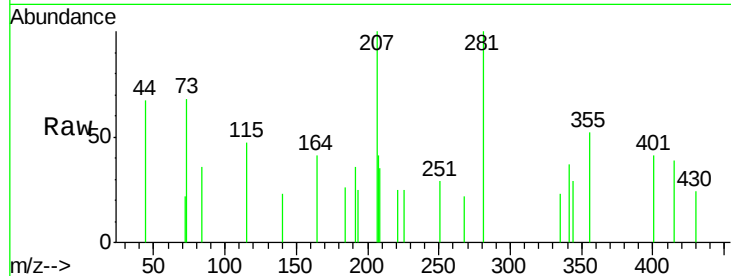




#53
 2,4-Dinitrophenol
 Concen: 6.58 ng
 RT: 14.93 min Scan# 2058
 Delta R.T. 0.03 min
 Lab File: BG023942.D
 Acq: 1 Sep 2016 21:05

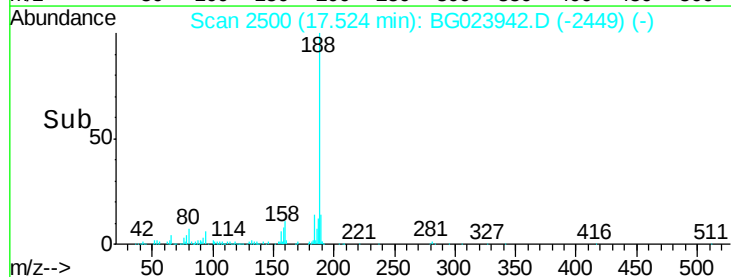
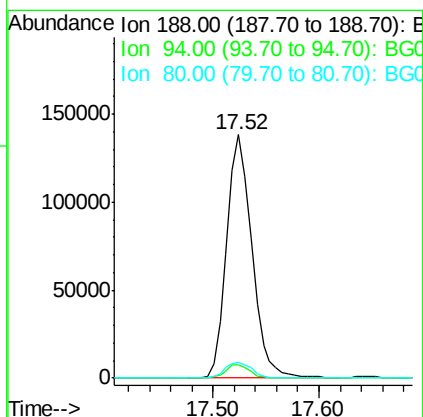
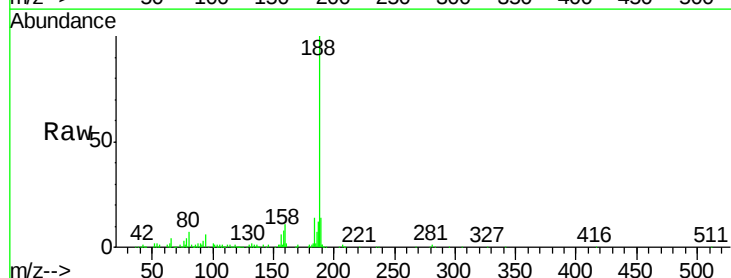
Instrument :
 BNA_G
 ClientSampled :
 11FT-SOIL

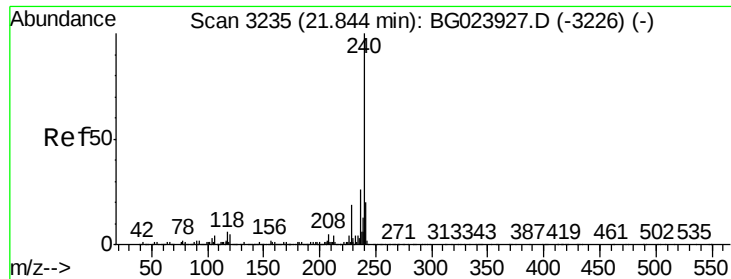
Tgt Ion:184 Resp: 61
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.6 89.4#
 154 0.0 67.4 101.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.52 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG023942.D
 Acq: 1 Sep 2016 21:05

Tgt Ion:188 Resp: 229240
 Ion Ratio Lower Upper
 188 100
 94 5.7 5.2 7.8
 80 6.7 7.2 10.8#

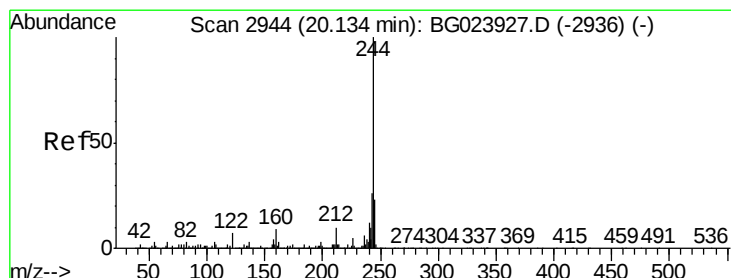
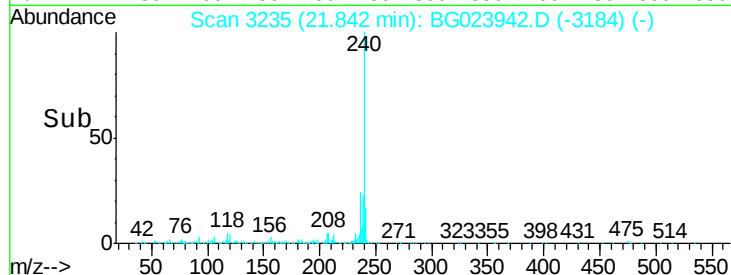
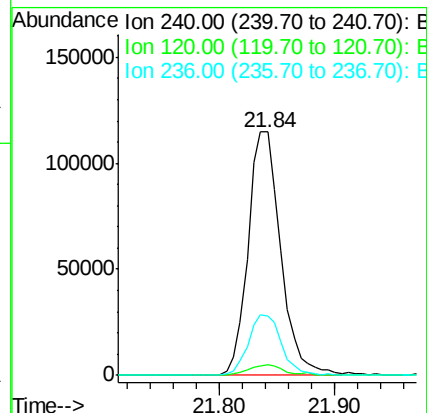
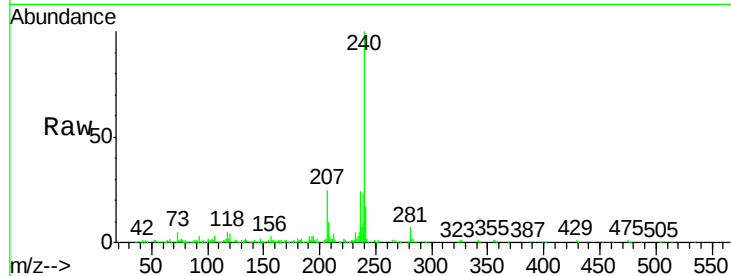




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG023942.D
Acq: 1 Sep 2016 21:05

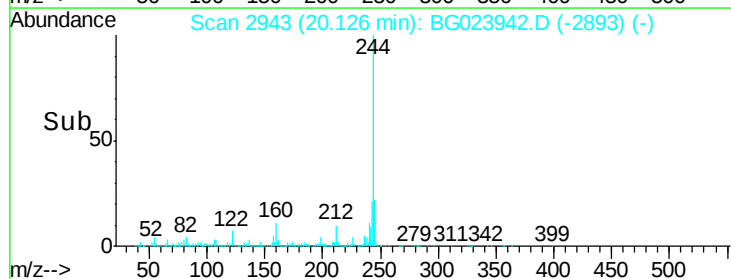
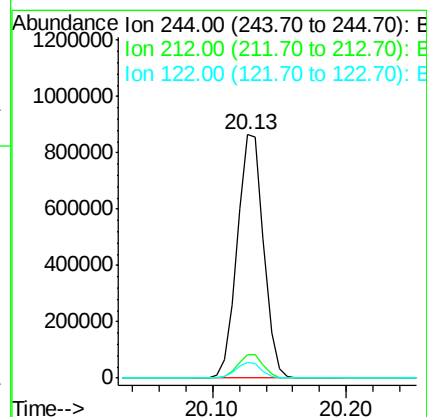
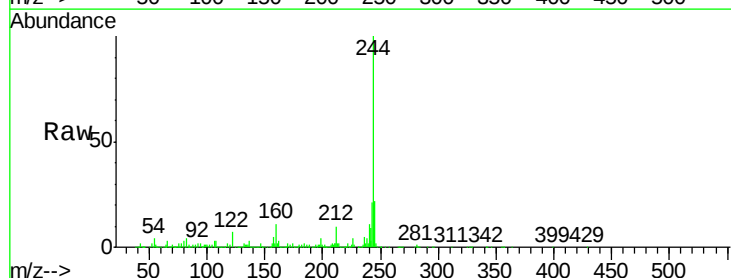
Instrument :
BNA_G
ClientSampleId :
11FT-SOIL

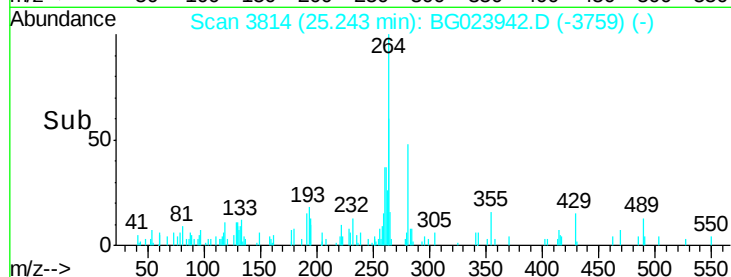
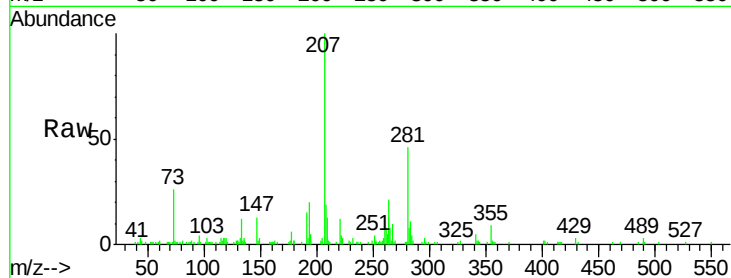
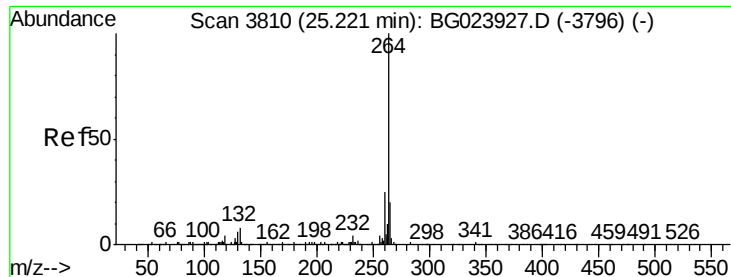
Tgt Ion:240 Resp: 225557
Ion Ratio Lower Upper
240 100
120 4.3 4.1 6.1
236 24.2 21.1 31.7



#78
Terphenyl-d14
Concen: 119.60 ng
RT: 20.13 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BG023942.D
Acq: 1 Sep 2016 21:05

Tgt Ion:244 Resp: 1184571
Ion Ratio Lower Upper
244 100
212 9.7 10.8 16.2#
122 6.7 8.0 12.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.24 min Scan# 3814

Delta R.T. 0.02 min

Lab File: BG023942.D

Acq: 1 Sep 2016 21:05

Instrument :

BNA_G

ClientSampleId :

11FT-SOIL

Tgt Ion:264 Resp: 18063

Ion Ratio Lower Upper

264 100

260 37.5 18.4 27.6#

265 36.5 18.9 28.3#

