

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 01:22:43 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

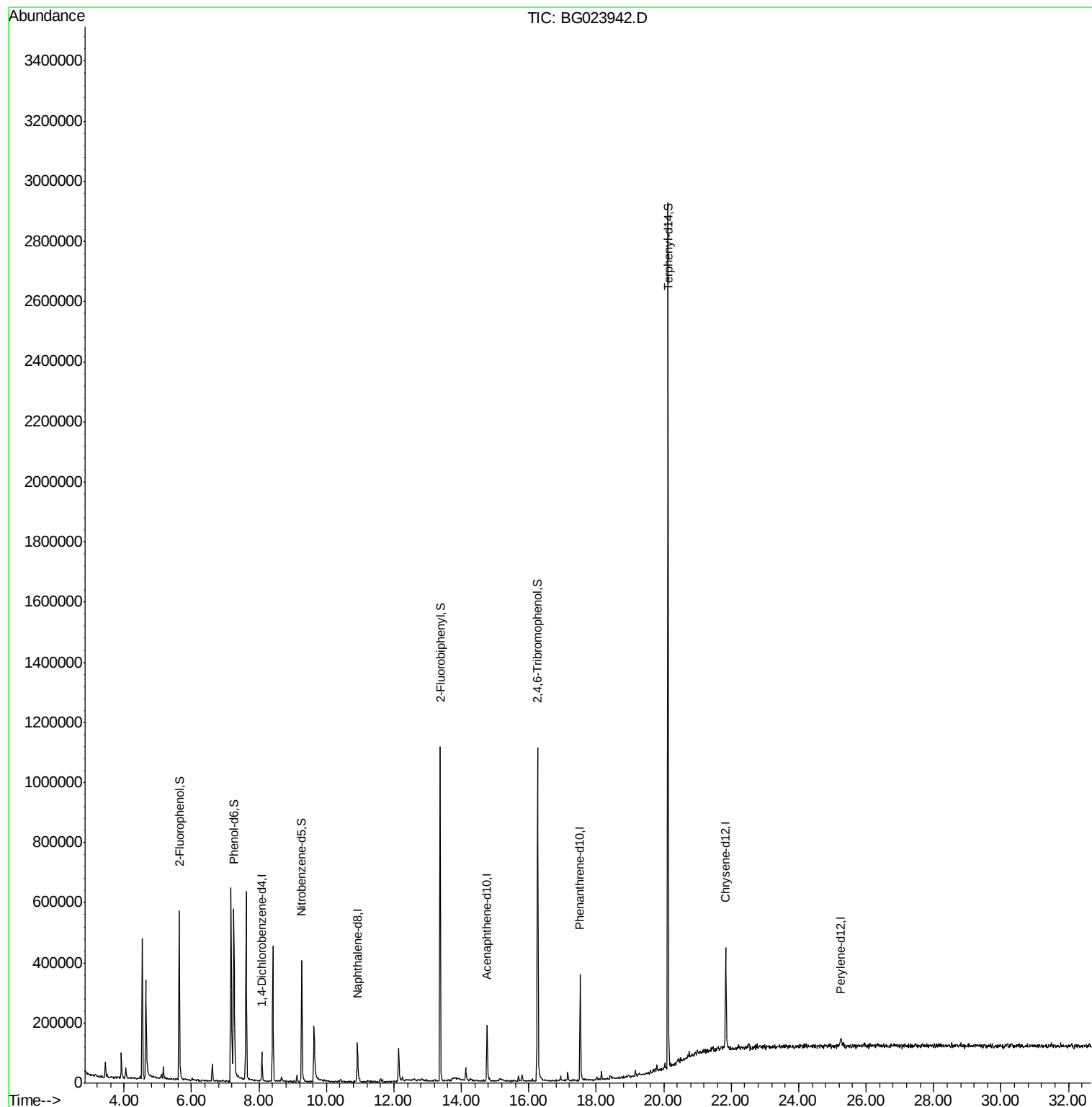
Target Compounds	Qvalue
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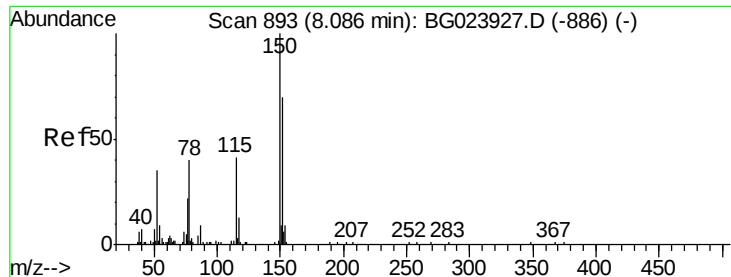
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

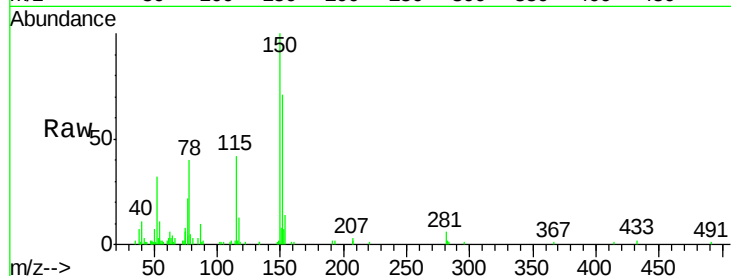
Tgt Ion:152 Resp: 23378

Ion Ratio Lower Upper

152 100

150 140.0 144.7 217.1#

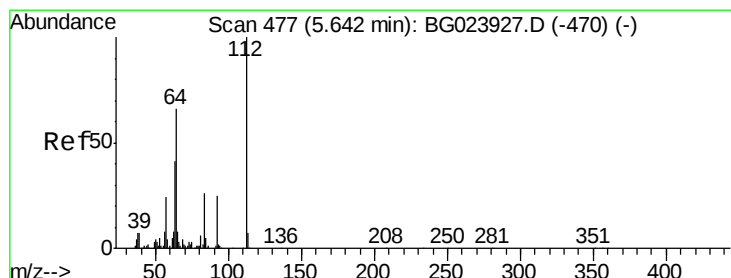
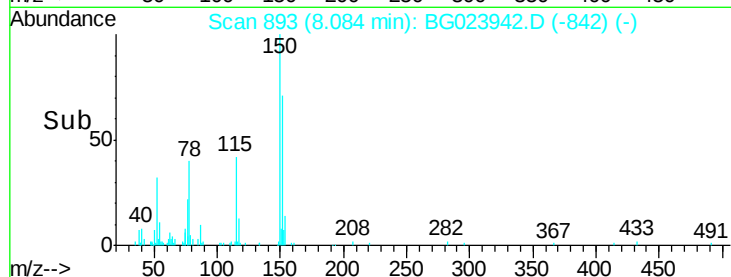
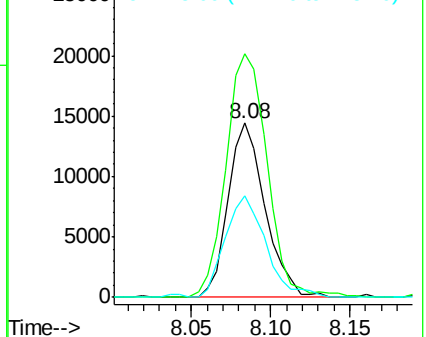
115 58.3 64.0 96.0#



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: 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

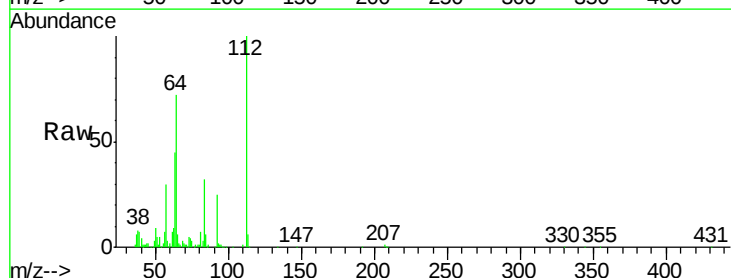
Tgt Ion:112 Resp: 204665

Ion Ratio Lower Upper

112 100

64 72.4 59.0 88.4

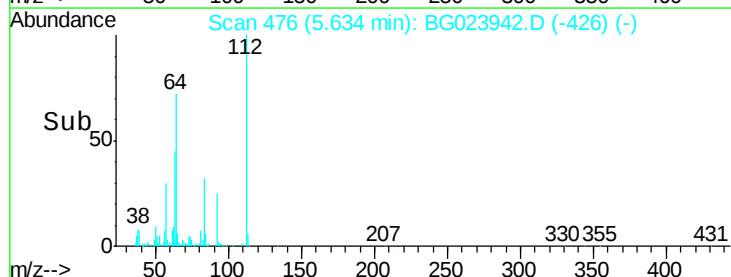
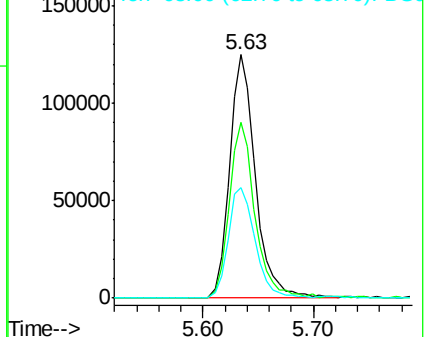
63 45.4 37.8 56.8

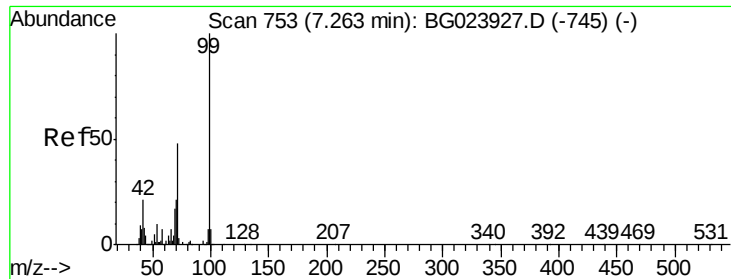


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 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

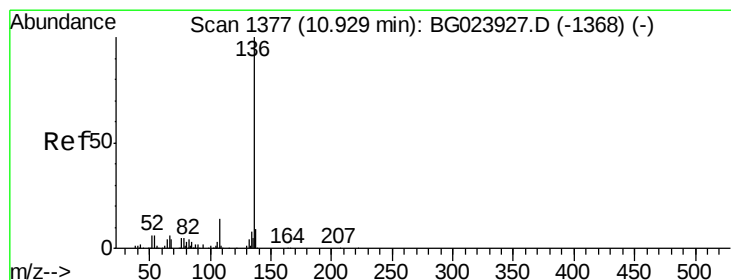
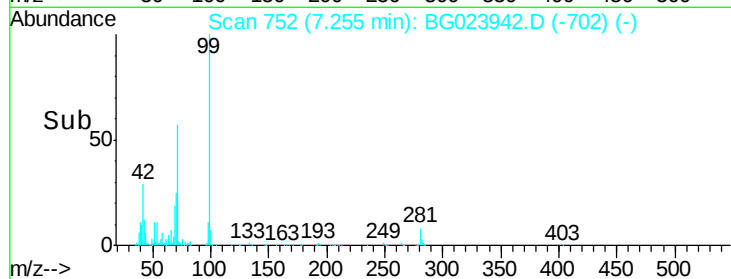
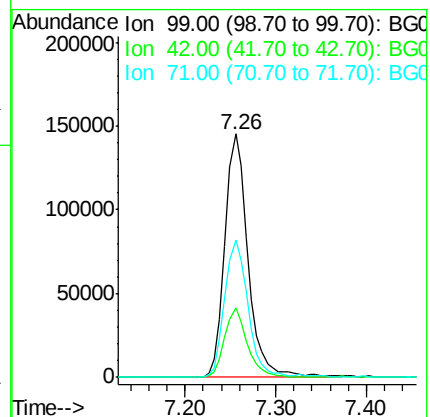
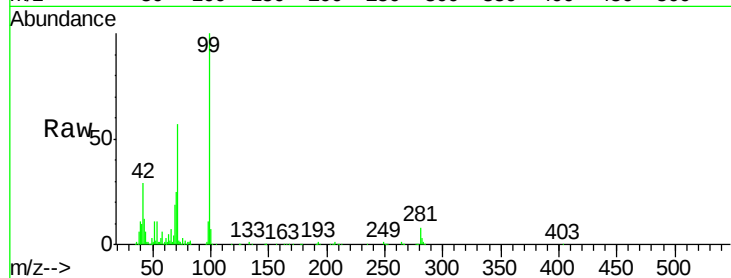
Tgt Ion: 99 Resp: 257491

Ion Ratio Lower Upper

99 100

42 28.6 17.8 26.6#

71 56.5 41.5 62.3



#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

Tgt Ion: 136 Resp: 105275

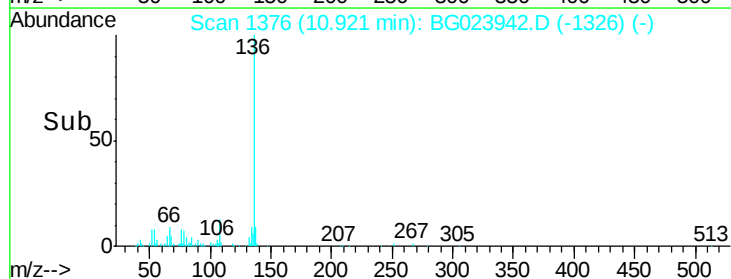
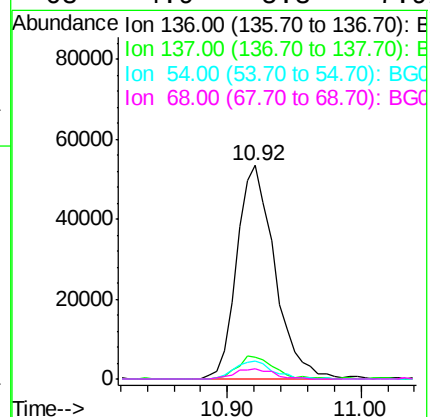
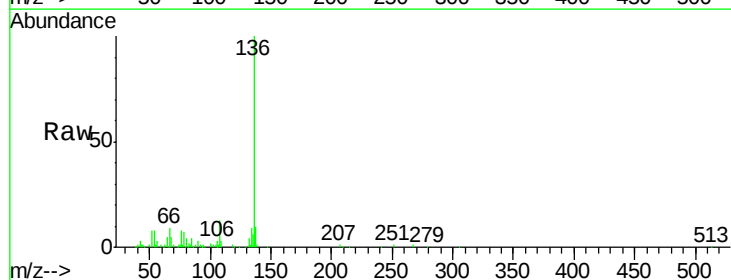
Ion Ratio Lower Upper

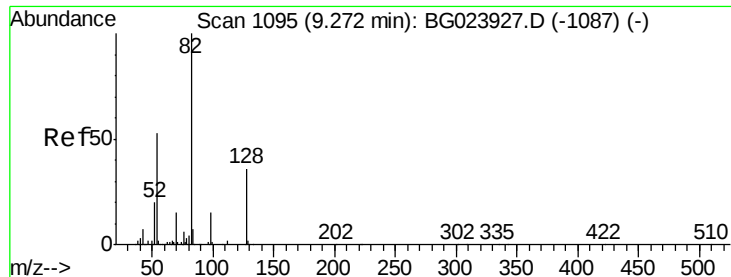
136 100

137 10.2 9.6 14.4

54 8.3 7.3 10.9

68 4.9 5.3 7.9#

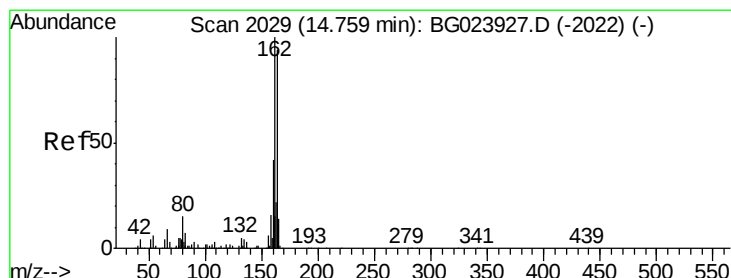
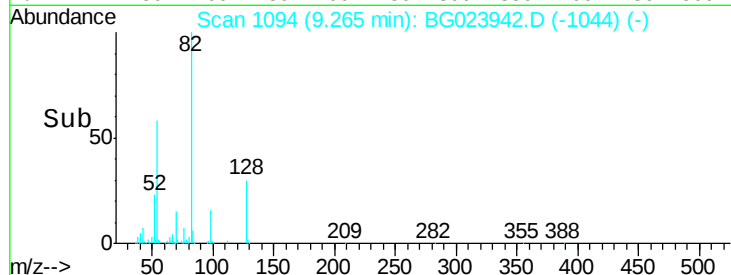
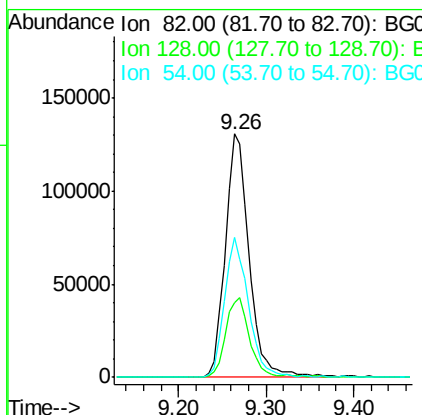
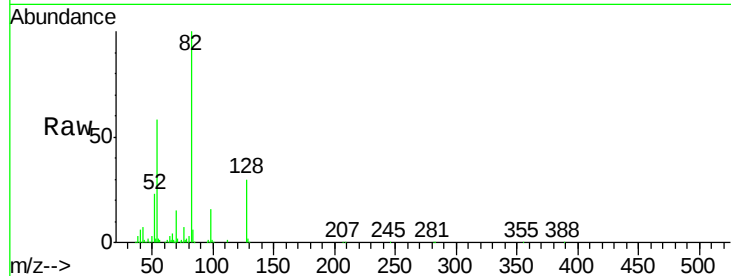




#23
Nitrobenzene-d5
Concen: 102.77 ng
RT: 9.26 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BG023942.D
Acq: 1 Sep 2016 21:05

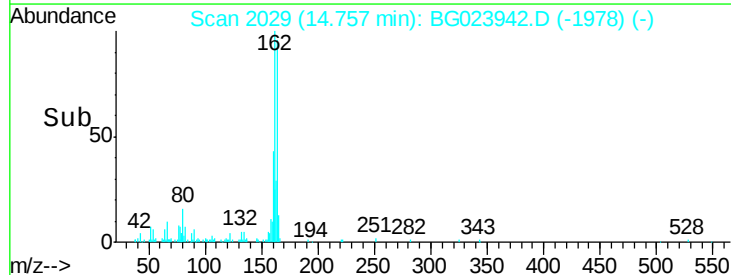
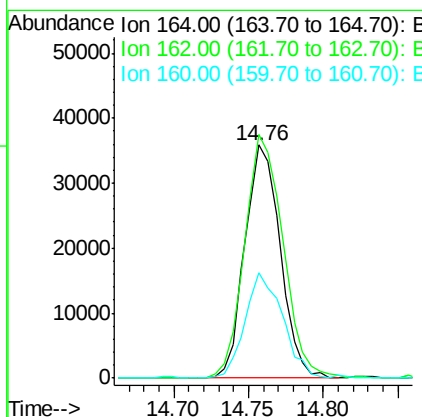
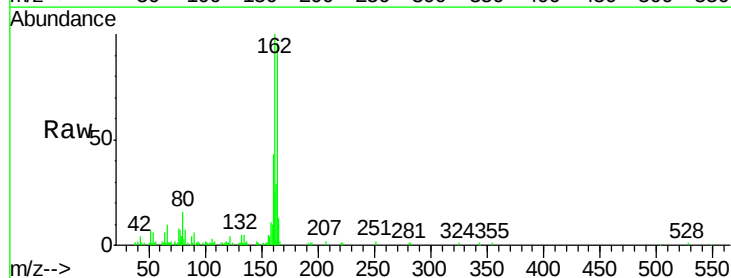
Instrument :
BNA_G
ClientSampleId :
11FT-SOIL

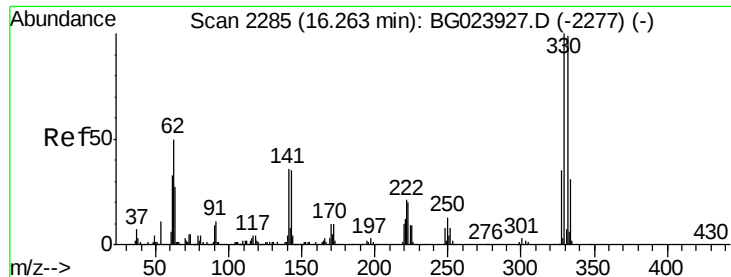
Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.4	24.4	36.6
54	57.6	41.4	62.0



#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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	87.7	131.5
160	45.2	37.2	55.8

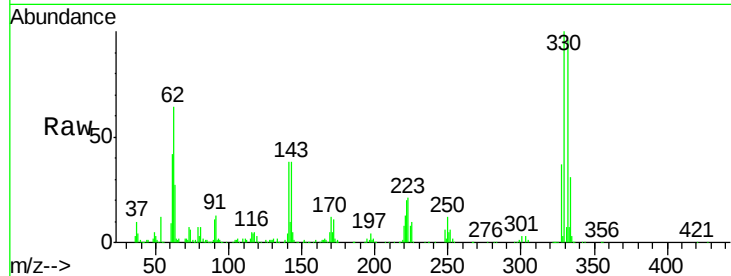




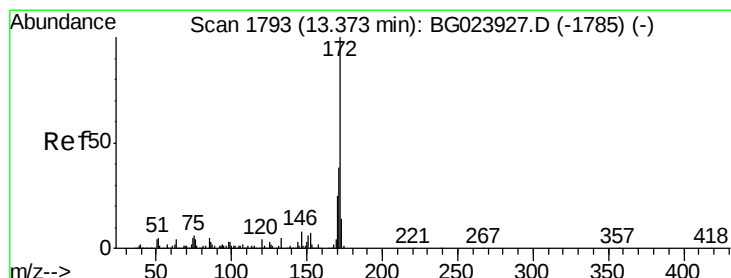
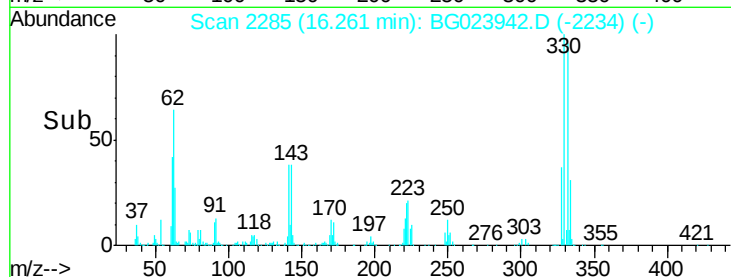
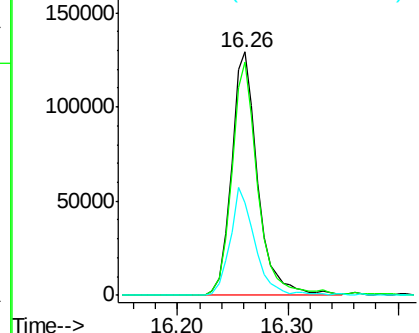
#41
2,4,6-Tribromophenol
Concen: 202.97 ng
RT: 16.26 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BG023942.D
Acq: 1 Sep 2016 21:05

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

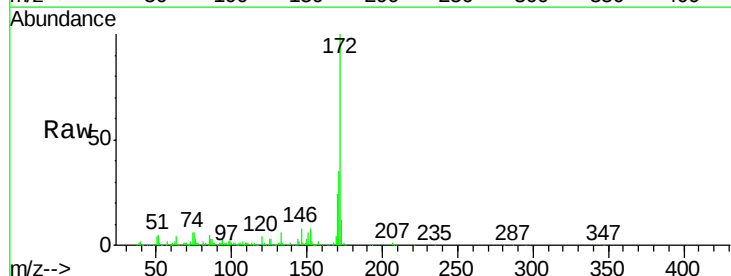


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

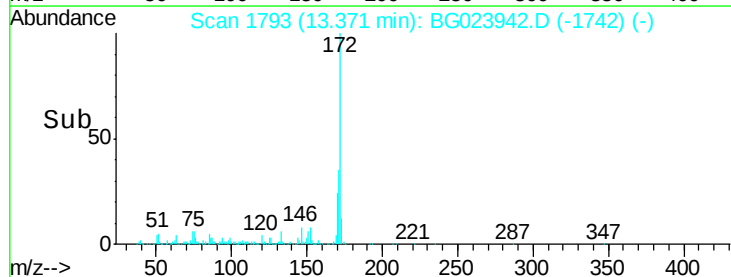
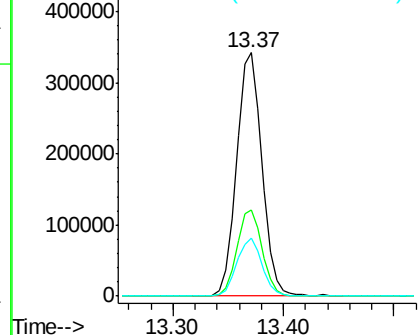


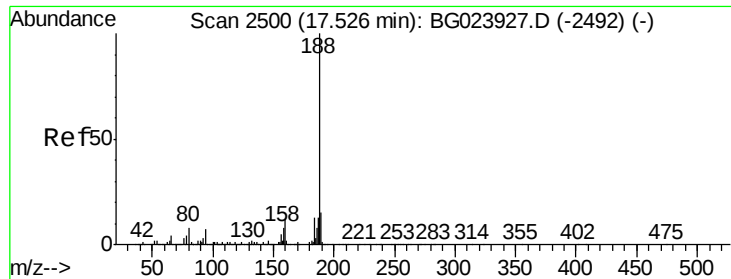
#44
2-Fluorobiphenyl
Concen: 135.05 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG023942.D
Acq: 1 Sep 2016 21:05

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

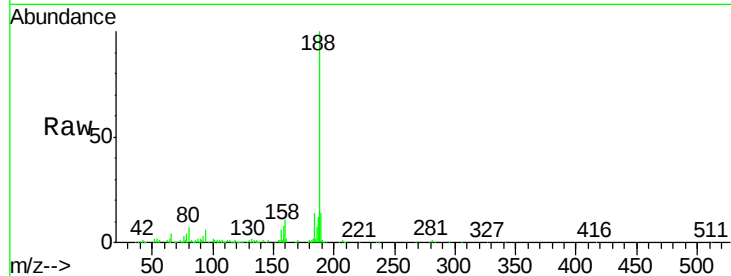




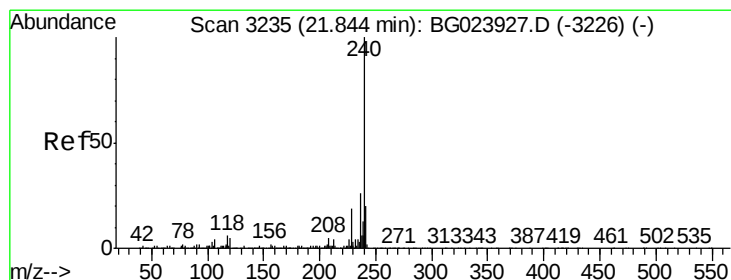
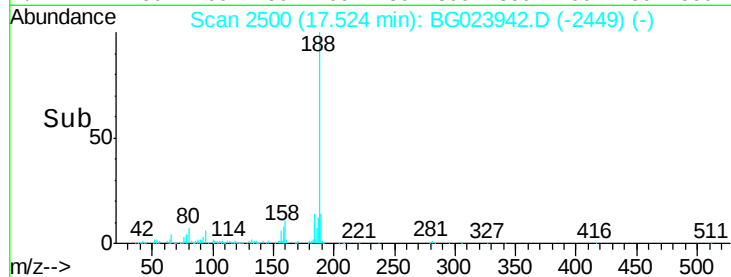
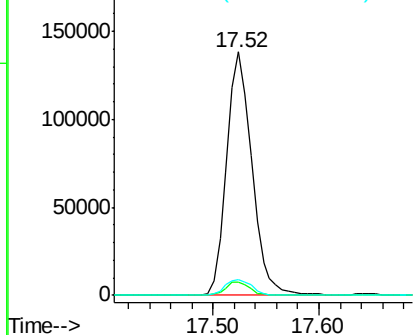
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BG023942.D
Acq: 1 Sep 2016 21:05

Instrument :
BNA_G
ClientSampleId :
11FT-SOIL

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#

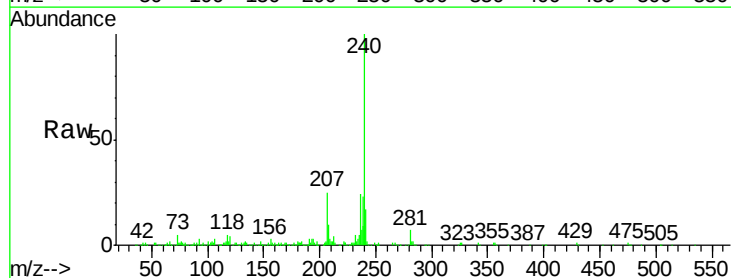


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

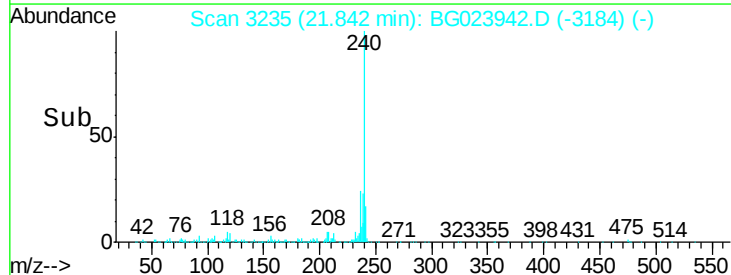
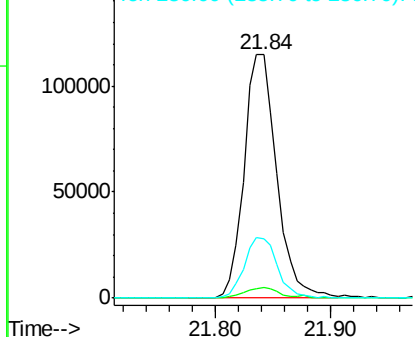


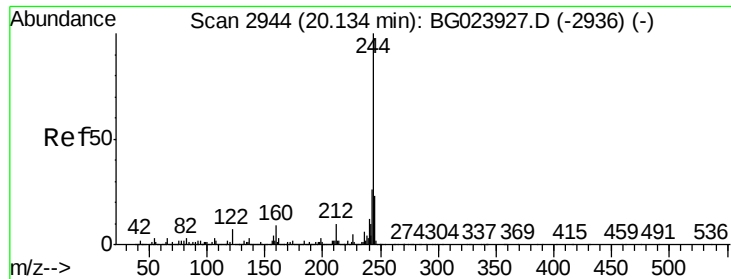
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG023942.D
Acq: 1 Sep 2016 21:05

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



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: 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

Instrument :

BNA_G

ClientSampleId :

11FT-SOIL

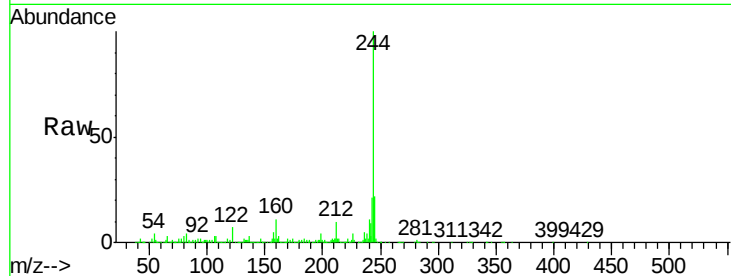
Tgt Ion:244 Resp: 1184571

Ion Ratio Lower Upper

244 100

212 9.7 10.8 16.2#

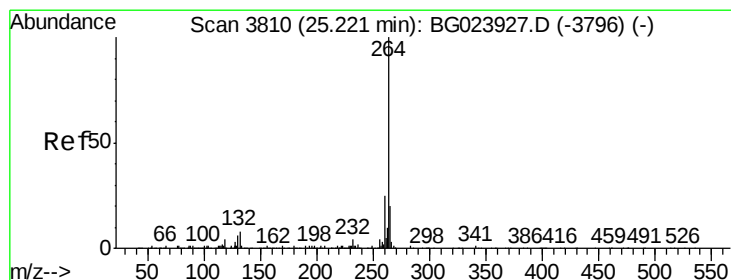
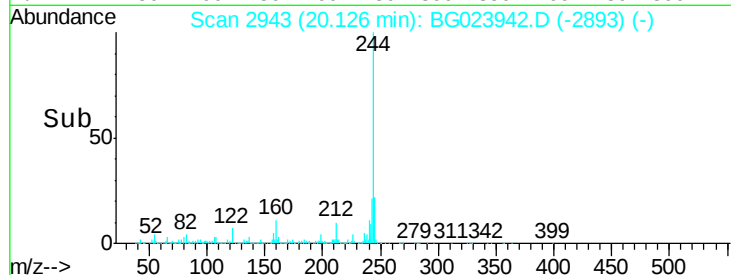
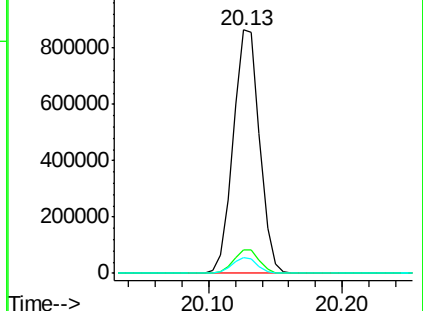
122 6.7 8.0 12.0#



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: 25.24 min Scan# 3814

Delta R.T. 0.02 min

Lab File: BG023942.D

Acq: 1 Sep 2016 21:05

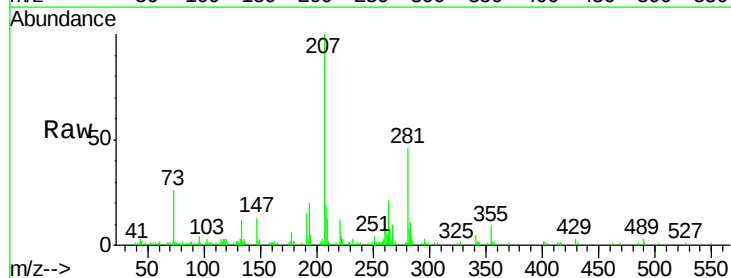
Tgt Ion:264 Resp: 18063

Ion Ratio Lower Upper

264 100

260 37.5 18.4 27.6#

265 36.5 18.9 28.3#



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

