

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
 Data File : BG022526.D
 Acq On : 24 Jun 2016 5:34
 Operator : UM/SJ
 Sample : H3684-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL

Quant Time: Jun 24 07:29:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 07:27:04 2016
 Response via : Initial Calibration

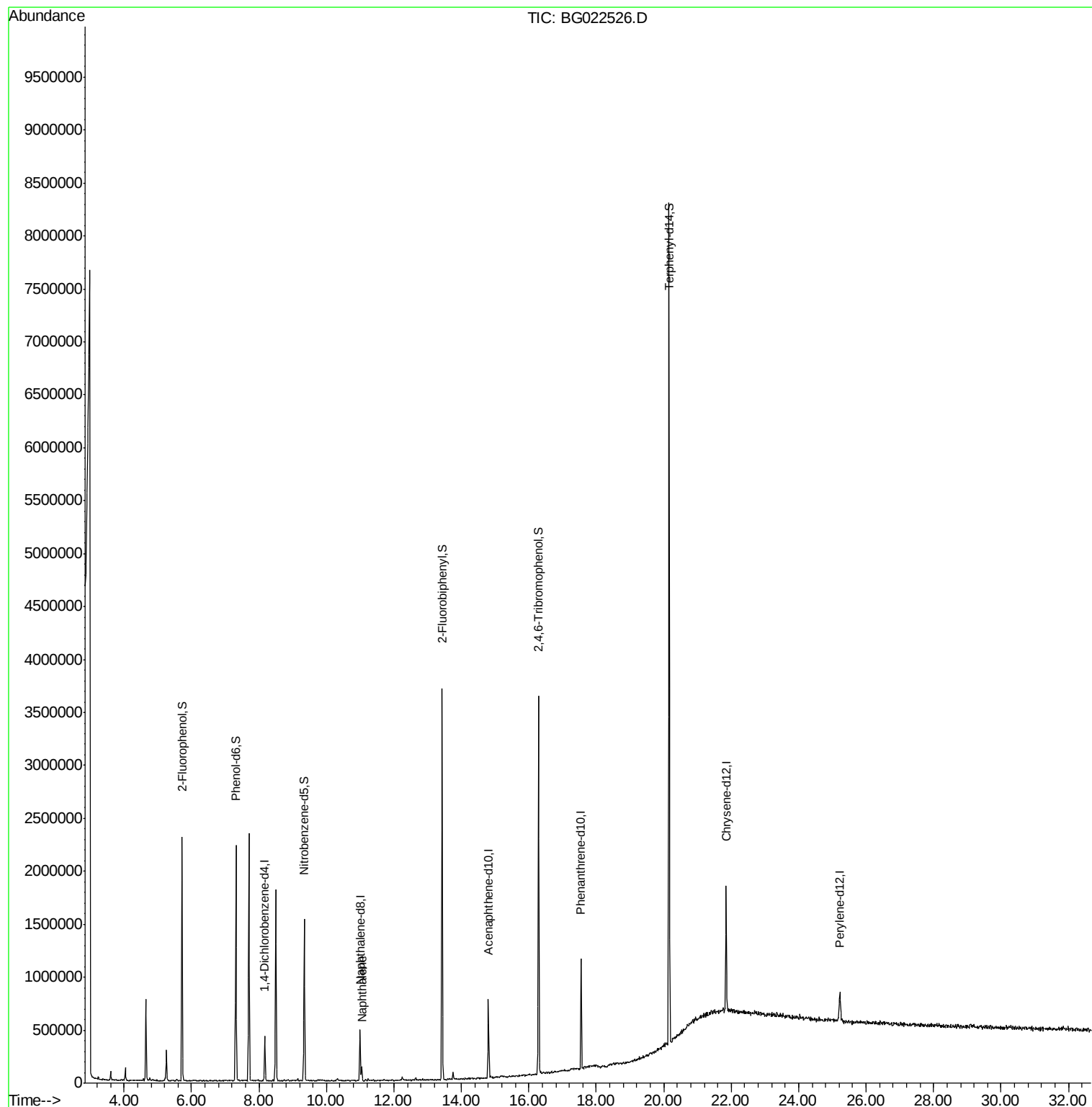
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	92377	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	376751	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	245935	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	625180	20.00	ng	0.00
75) Chrysene-d12	21.85	240	738771	20.00	ng	0.00
86) Perylene-d12	25.22	264	194226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	836846	146.69	ng	0.00
7) Phenol-d6	7.32	99	1101272	138.33	ng	0.00
23) Nitrobenzene-d5	9.34	82	919036	104.69	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	643176	167.89	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1745881	108.47	ng	0.00
78) Terphenyl-d14	20.16	244	2761824	123.18	ng	0.00
Target Compounds						
31) Naphthalene	11.05	128	97310	5.25	ng	Qvalue 99

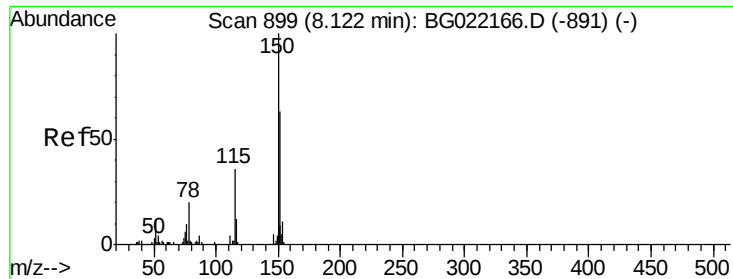
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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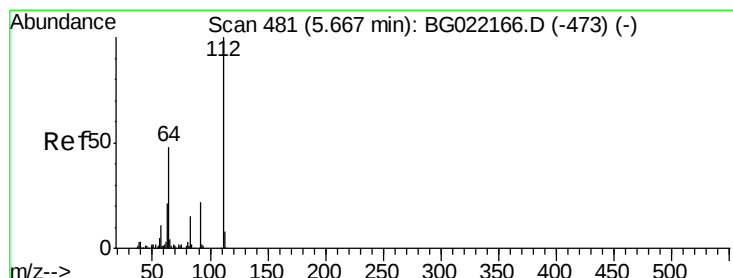
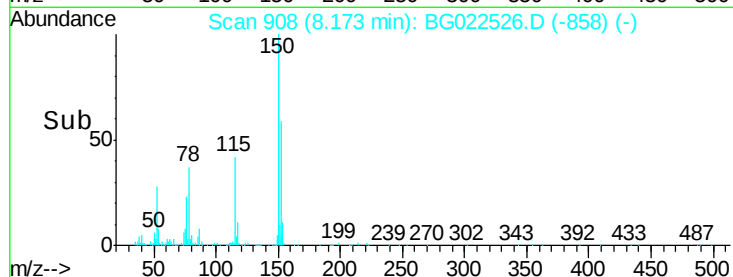
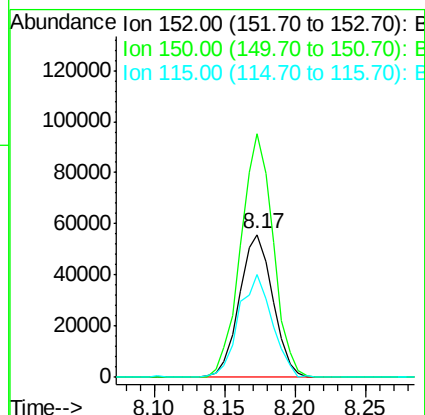
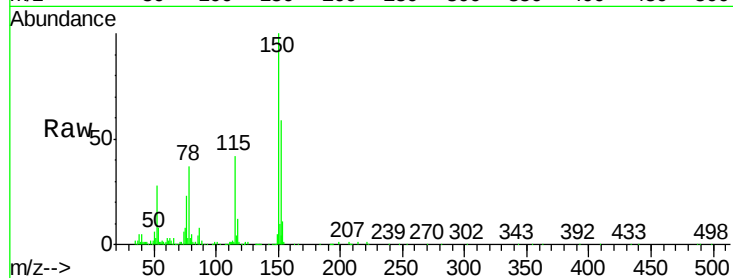


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG022526.D
Acq: 24 Jun 2016 5:34

Instrument :
BNA_G
ClientSampled :
SOIL

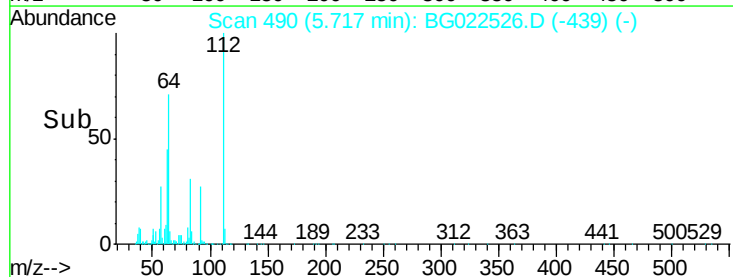
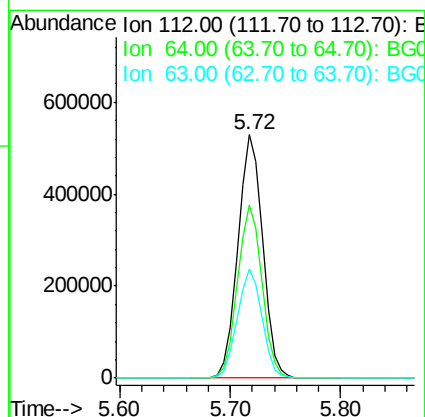
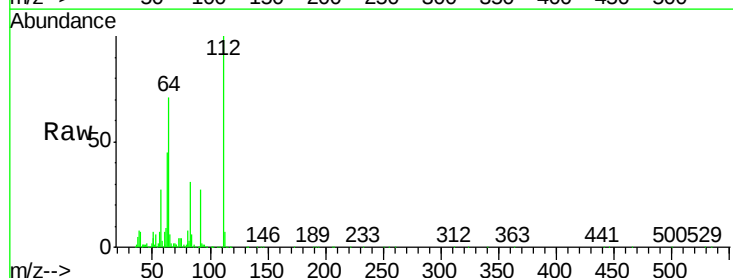
Tot Ion:152 Resp: 92377
Ion Ratio Lower Upper
152 100
150 170.6 144.7 217.1
115 72.4 64.0 96.0

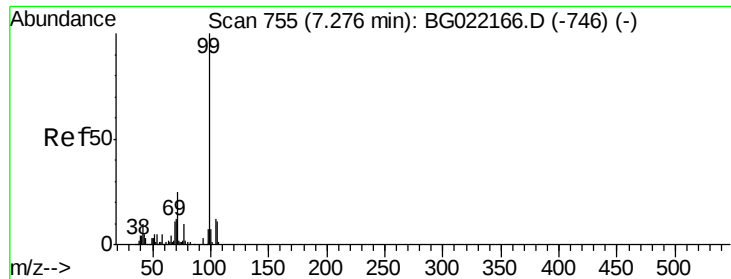


#5

2-Fluorophenol
Concen: 146.69 ng
RT: 5.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG022526.D
Acq: 24 Jun 2016 5:34

Tgt Ion:112 Resp: 836846
Ion Ratio Lower Upper
112 100
64 70.9 59.0 88.4
63 45.1 37.8 56.8





#7

Phenol-d6

Concen: 138.33 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.00 min

Lab File: BG022526.D

Acq: 24 Jun 2016 5:34

Instrument :

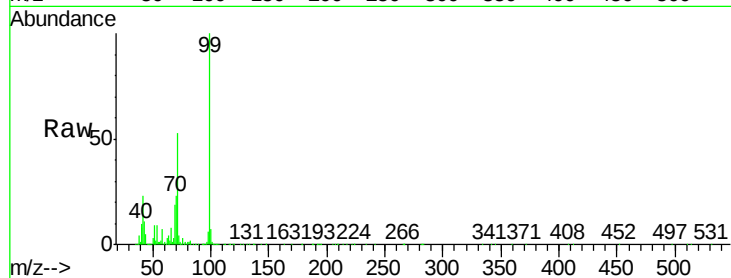
BNA_G

ClientSampleId :

SOIL

Tot Ion: 99 Resp: 1101272

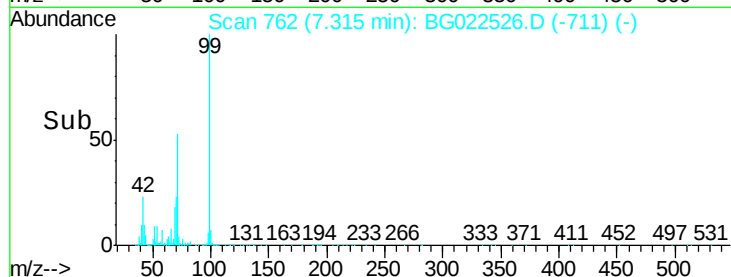
Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.8	26.6
71	53.1	41.5	62.3



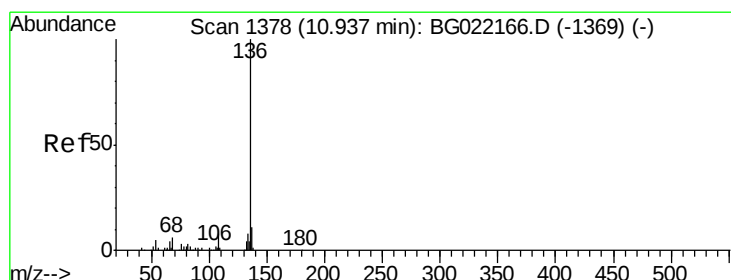
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 1389

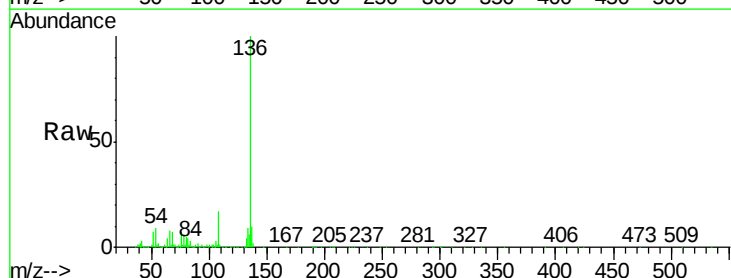
Delta R.T. 0.00 min

Lab File: BG022526.D

Acq: 24 Jun 2016 5:34

Tgt Ion: 136 Resp: 376751

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	8.9	7.3	10.9
68	6.6	5.3	7.9

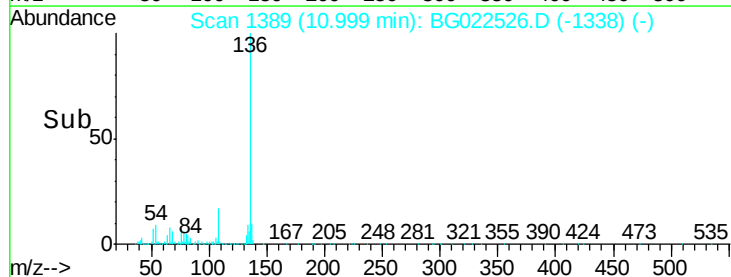


Abundance Ion 136.00 (135.70 to 136.70): BGC

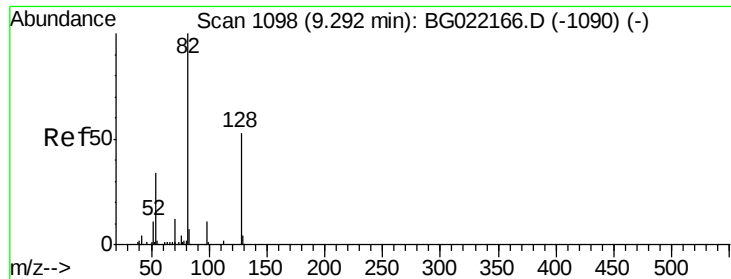
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



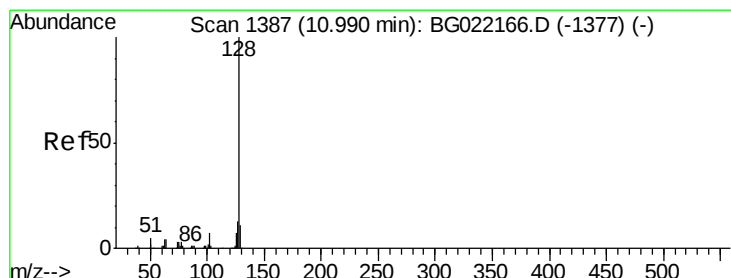
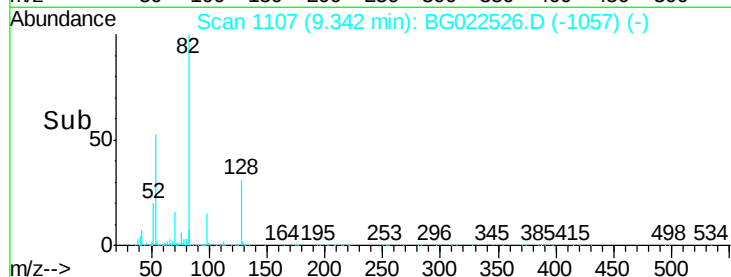
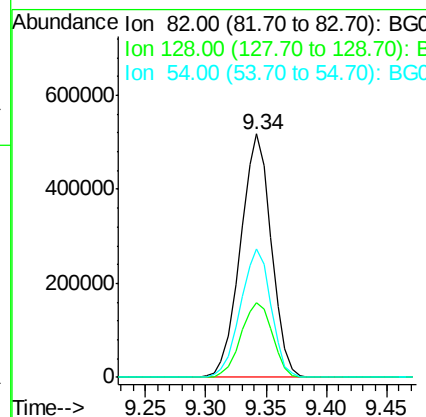
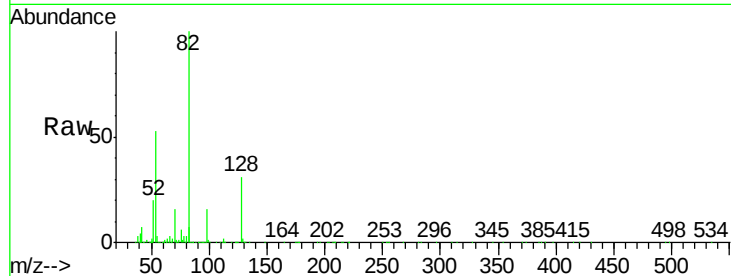
Time-->



#23
Nitrobenzene-d5
Concen: 104.69 ng
RT: 9.34 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BG022526.D
Acq: 24 Jun 2016 5:34

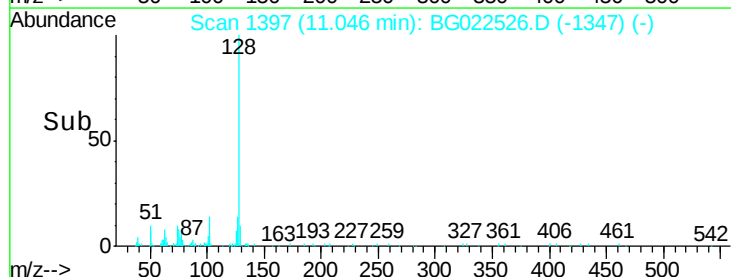
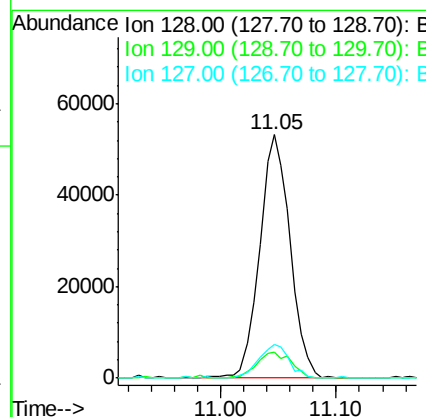
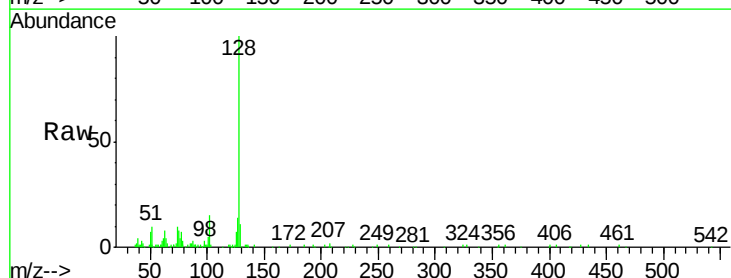
Instrument :
BNA_G
ClientSampleId :
SOIL

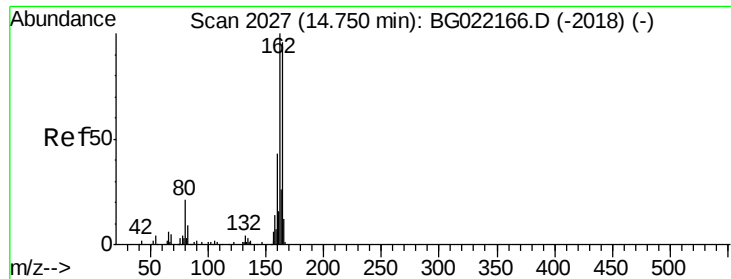
Tot Ion: 82 Resp: 919036
Ion Ratio Lower Upper
82 100
128 30.9 24.4 36.6
54 53.0 41.4 62.0



#31
Naphthalene
Concen: 5.25 ng
RT: 11.05 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BG022526.D
Acq: 24 Jun 2016 5:34

Tgt Ion: 128 Resp: 97310
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.0
127 14.0 11.3 16.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BG022526.D

Acq: 24 Jun 2016 5:34

Instrument :

BNA_G

ClientSampleId :

SOIL

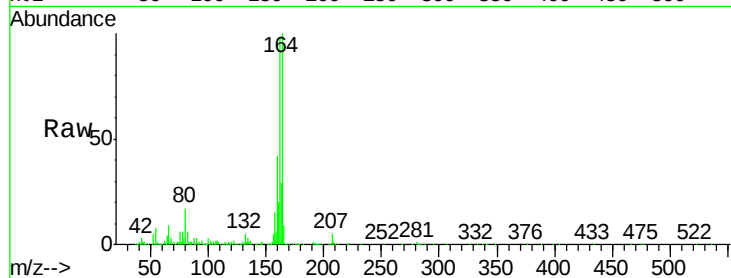
Tot Ion:164 Resp: 245935

Ion Ratio Lower Upper

164 100

162 98.5 87.7 131.5

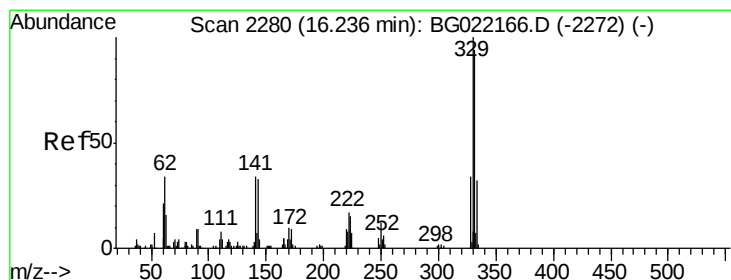
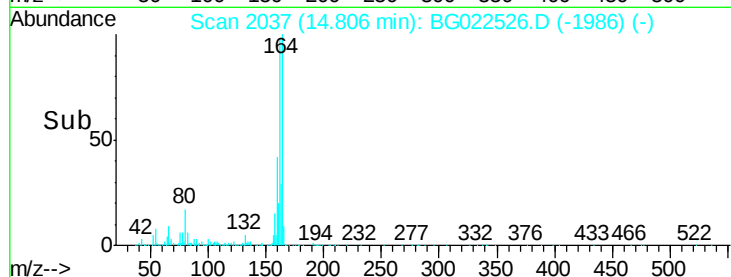
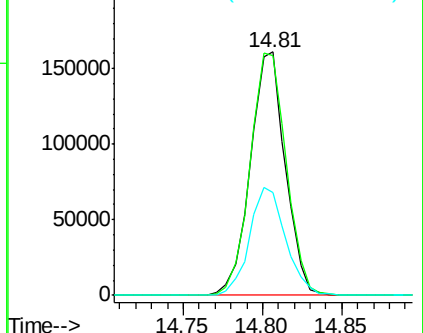
160 42.3 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 167.89 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BG022526.D

Acq: 24 Jun 2016 5:34

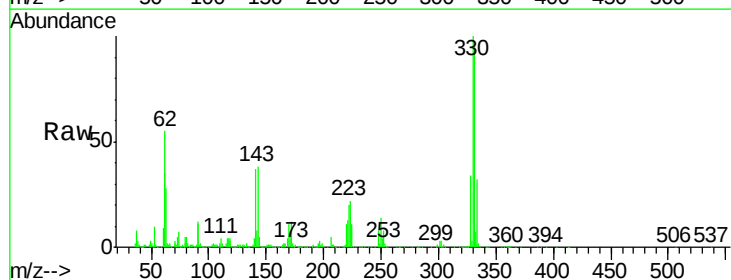
Tgt Ion:330 Resp: 643176

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

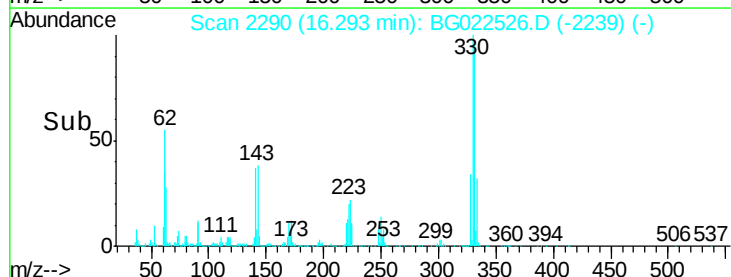
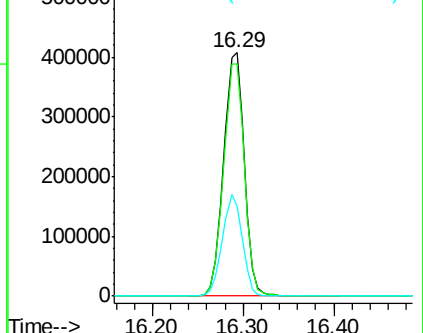
141 40.1 31.7 47.5

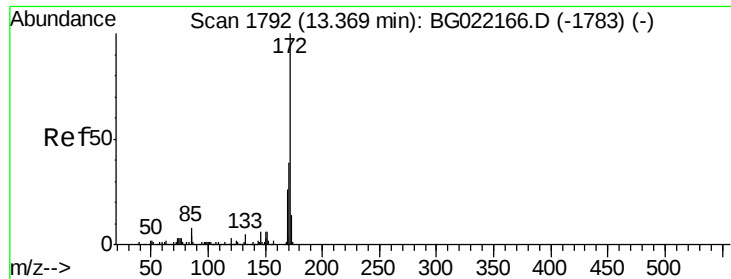


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 108.47 ng

RT: 13.43 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BG022526.D

Acq: 24 Jun 2016 5:34

Instrument :

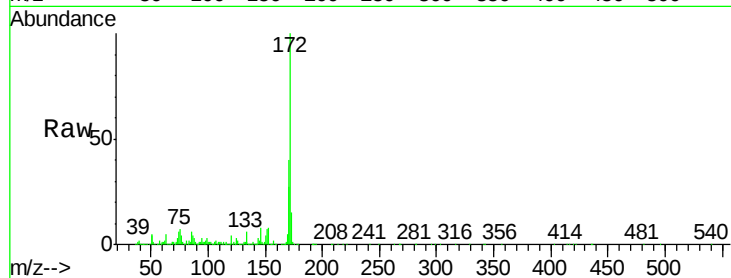
BNA_G

ClientSampled :

SOIL

Tot Ion:172 Resp: 1745881

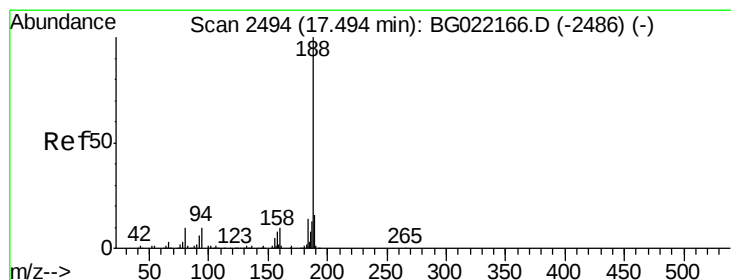
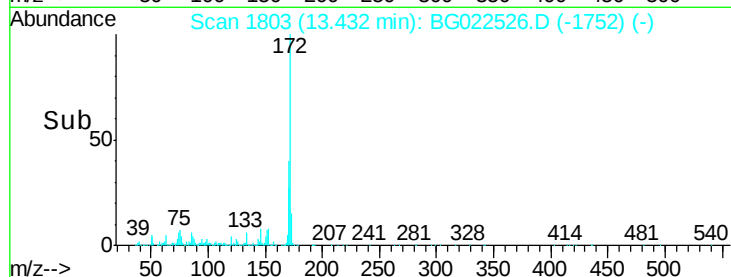
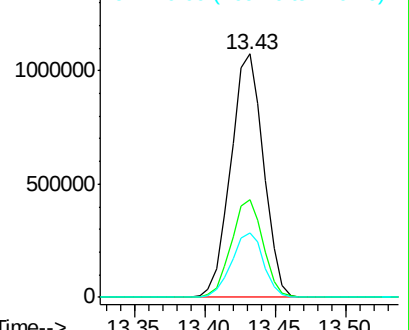
Ion	Ratio	Lower	Upper
172	100		
171	40.3	31.6	47.4
170	26.5	21.3	31.9



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: 17.55 min Scan# 2504

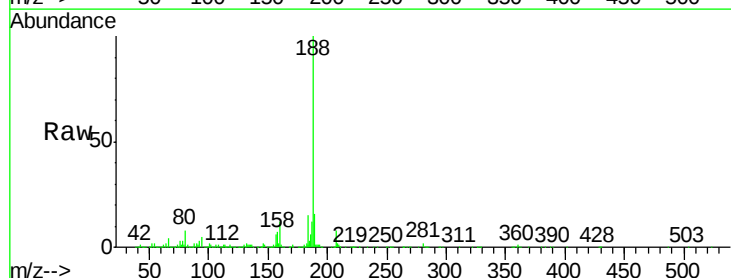
Delta R.T. -0.00 min

Lab File: BG022526.D

Acq: 24 Jun 2016 5:34

Tgt Ion:188 Resp: 625180

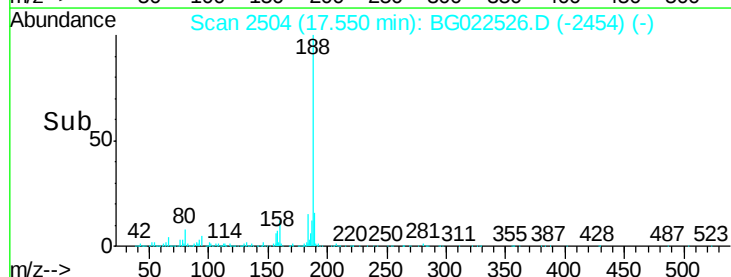
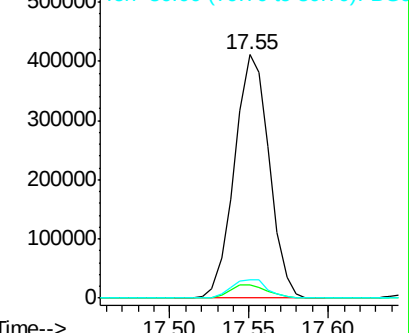
Ion	Ratio	Lower	Upper
188	100		
94	5.2	5.2	7.8
80	7.7	7.2	10.8

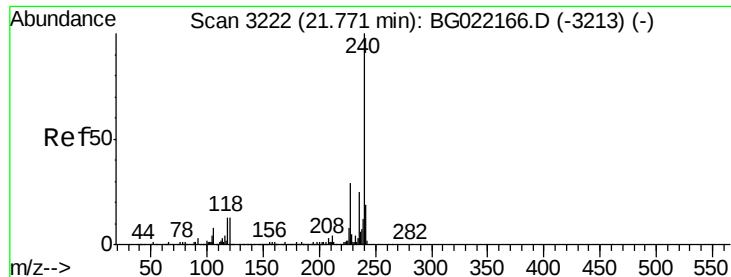


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

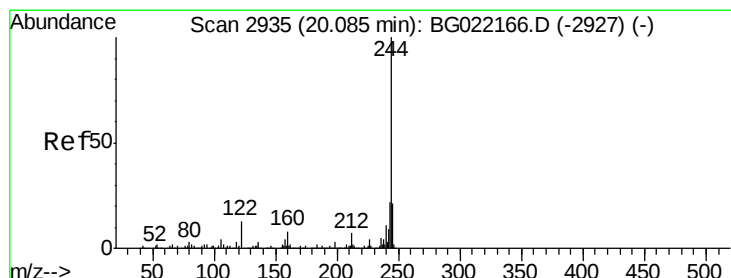
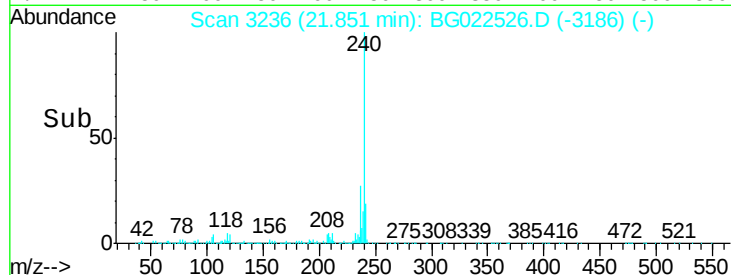
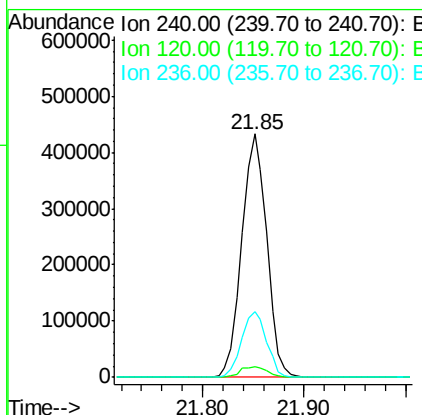
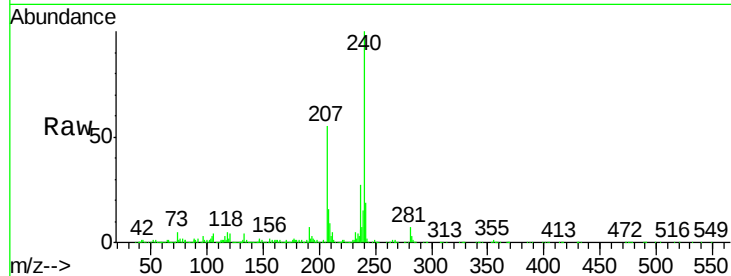




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. -0.00 min
 Lab File: BG022526.D
 Acq: 24 Jun 2016 5:34

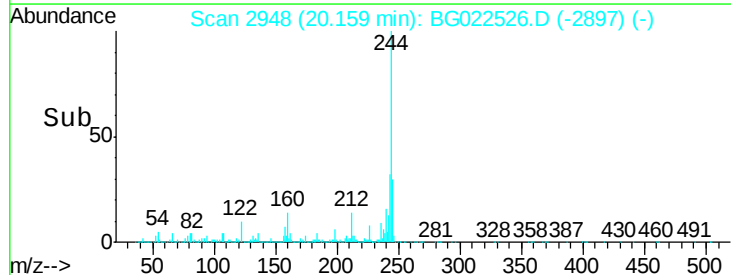
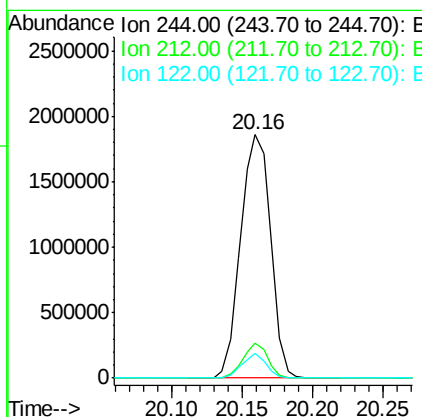
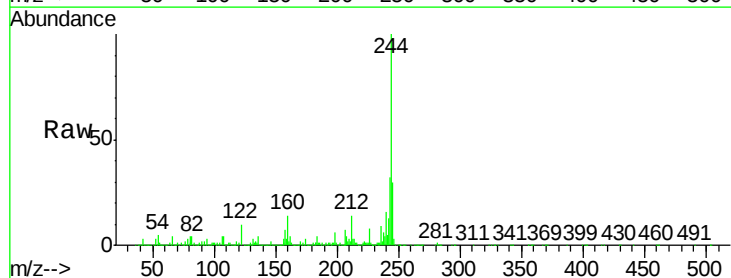
Instrument :
 BNA_G
 ClientSampleId :
 SOIL

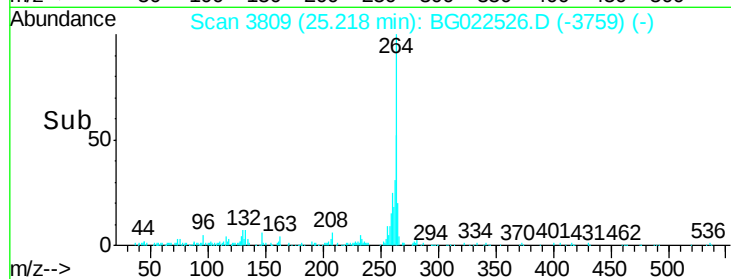
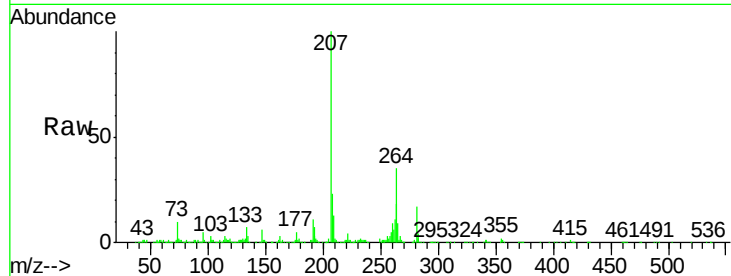
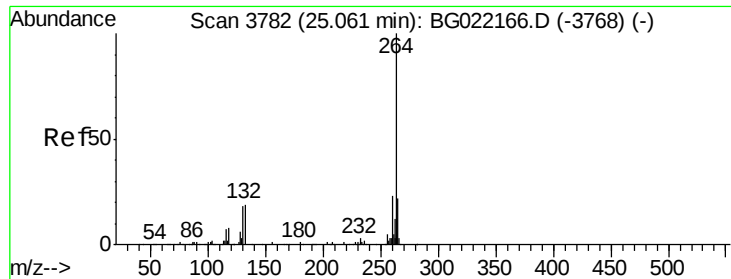
Tot Ion:240 Resp: 738771
 Ion Ratio Lower Upper
 240 100
 120 4.4 4.1 6.1
 236 27.1 21.1 31.7



#78
 Terphenyl-d14
 Concen: 123.18 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BG022526.D
 Acq: 24 Jun 2016 5:34

Tgt Ion:244 Resp: 2761824
 Ion Ratio Lower Upper
 244 100
 212 14.5 10.8 16.2
 122 10.1 8.0 12.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.22 min Scan# 3809
 Delta R.T. -0.00 min
 Lab File: BG022526.D
 Acq: 24 Jun 2016 5:34

Instrument :
 BNA_G
 ClientSampleId :
 SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.4	27.6
265	24.9	18.9	28.3

