

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092616\
 Data File : BG024144.D
 Acq On : 26 Sep 2016 16:03
 Operator : UM/SJ
 Sample : H4865-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL

Quant Time: Sep 27 01:02:51 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

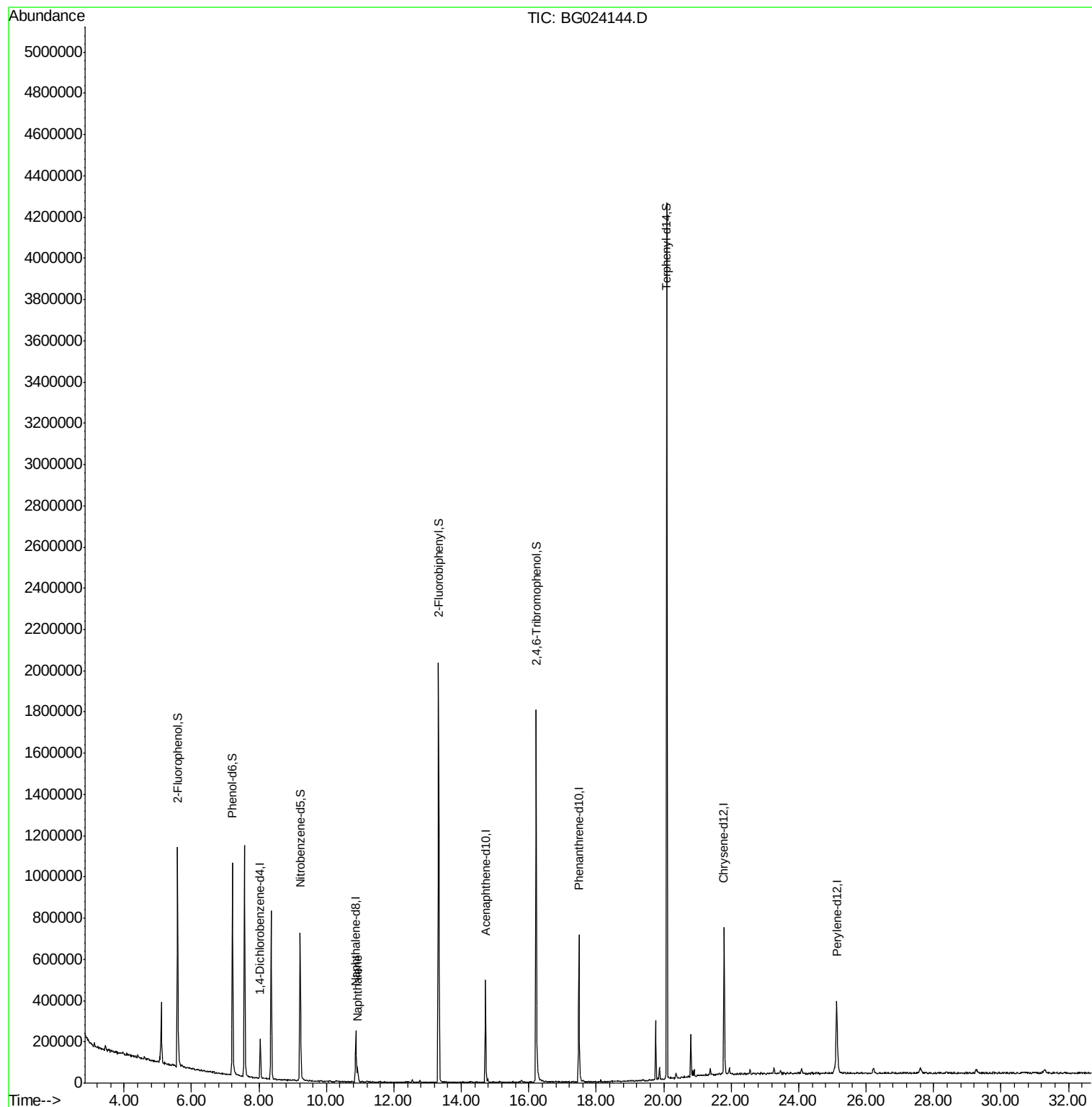
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48755	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	214483	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	181199	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	436951	20.00	ng	0.00
75) Chrysene-d12	21.79	240	448716	20.00	ng	0.00
86) Perylene-d12	25.13	264	419229	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	426323	151.49	ng	0.00
7) Phenol-d6	7.21	99	615397	129.96	ng	0.00
23) Nitrobenzene-d5	9.22	82	490860	90.20	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	330011	126.71	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	998145	92.60	ng	0.00
78) Terphenyl-d14	20.09	244	1710029	78.03	ng	0.00
Target Compounds						
31) Naphthalene	10.92	128	64418	5.93	ng	Qvalue 97

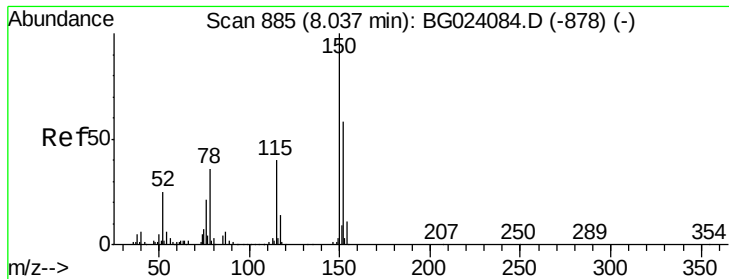
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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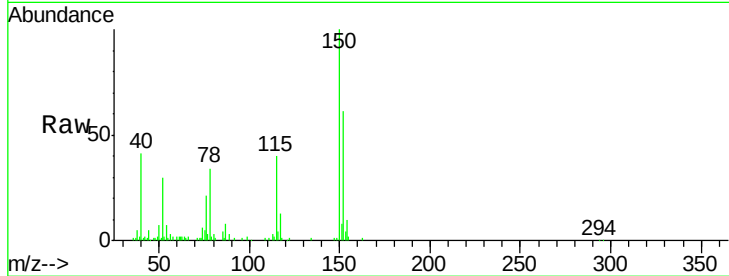


#1

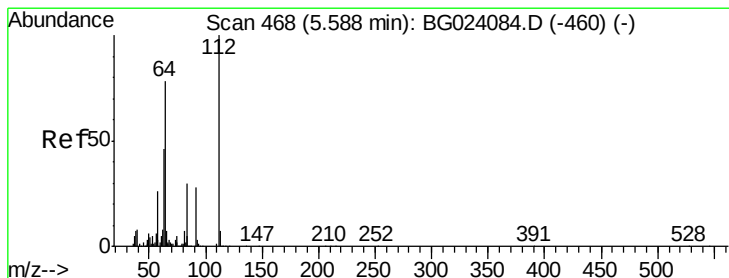
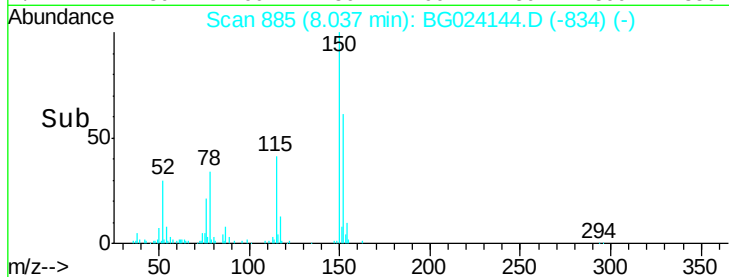
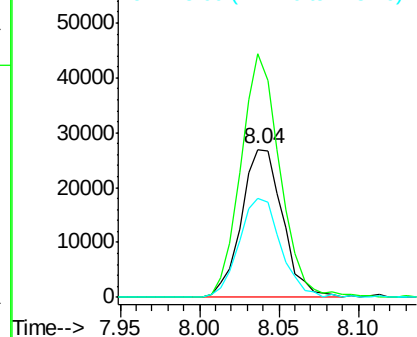
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG024144.D
Acq: 26 Sep 2016 16:03

Instrument :
BNA_G
ClientSampleId :
SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	144.7	217.1
115	66.5	64.0	96.0



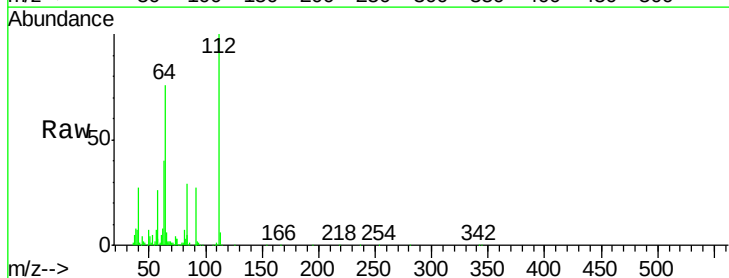
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



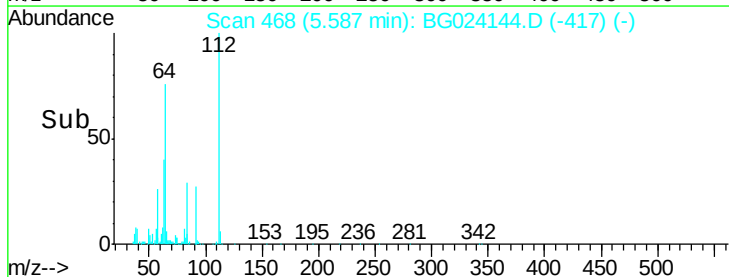
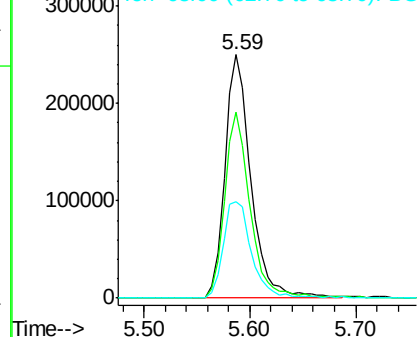
#5

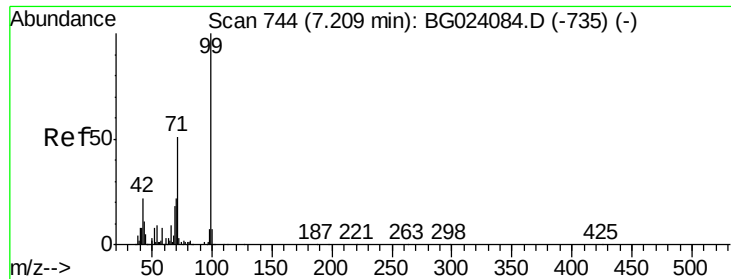
2-Fluorophenol
Concen: 151.49 ng
RT: 5.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: BG024144.D
Acq: 26 Sep 2016 16:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.4	59.0	88.4
63	39.7	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: 129.96 ng

RT: 7.21 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG024144.D

Acq: 26 Sep 2016 16:03

Instrument :

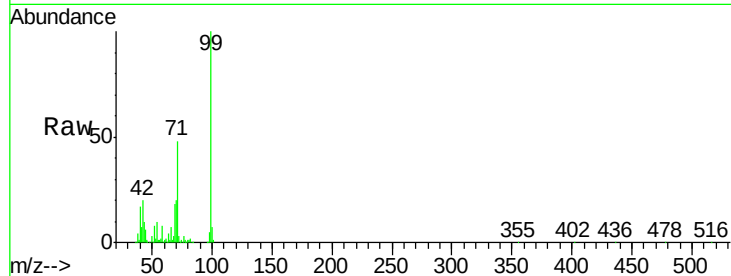
BNA_G

ClientSampleId :

SOIL

Tot Ion: 99 Resp: 615397

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.8	26.6
71	47.6	41.5	62.3

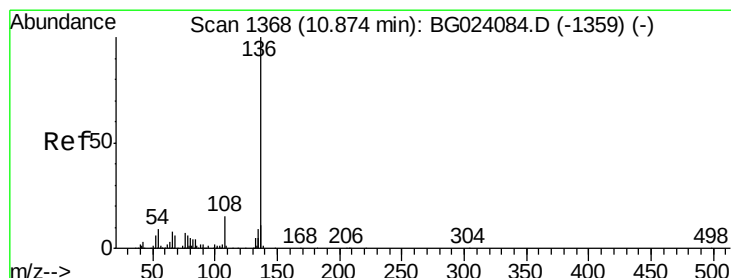
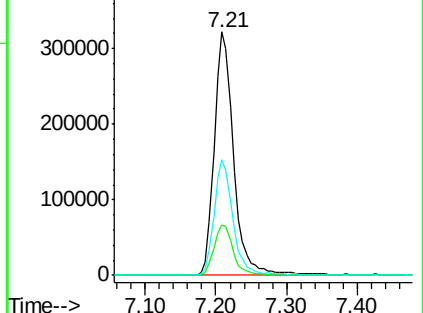
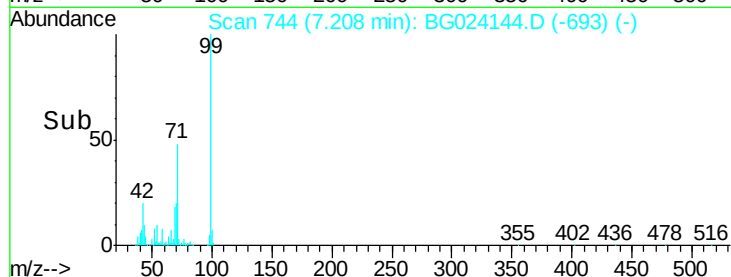


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1368

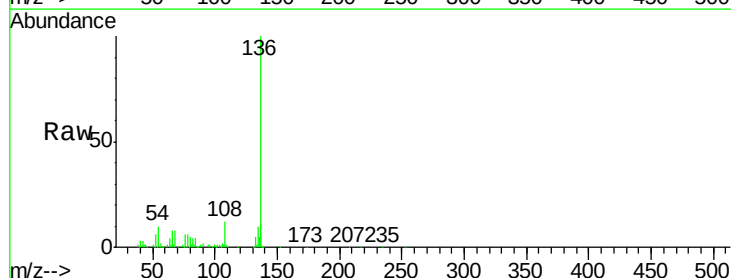
Delta R.T. -0.00 min

Lab File: BG024144.D

Acq: 26 Sep 2016 16:03

Tgt Ion: 136 Resp: 214483

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.4	7.3	10.9
68	7.8	5.3	7.9



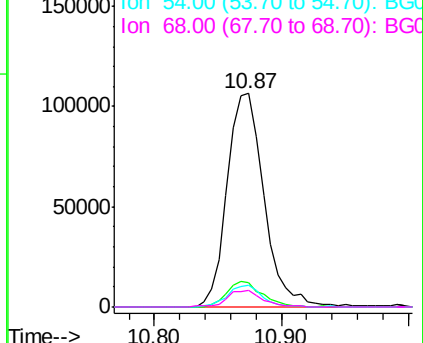
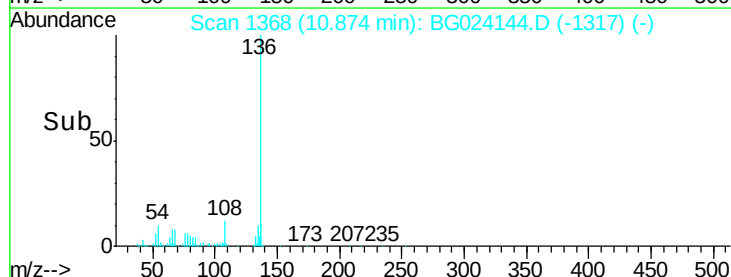
Abundance

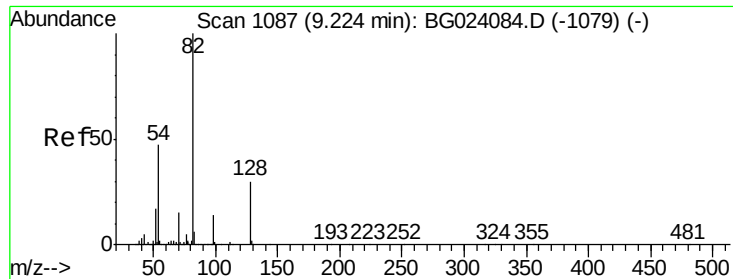
Ion 136.00 (135.70 to 136.70): BGC

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

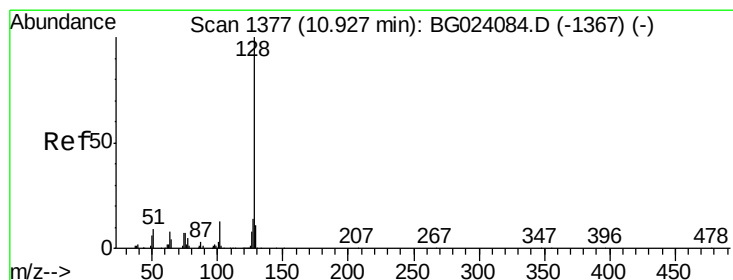
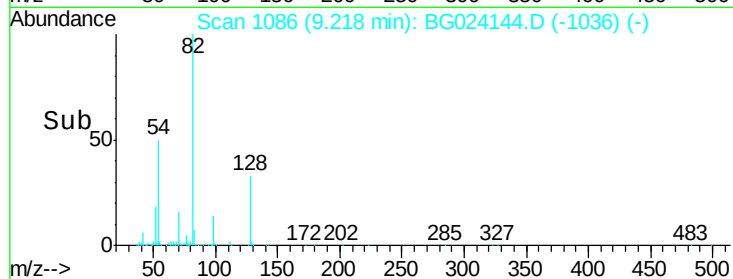
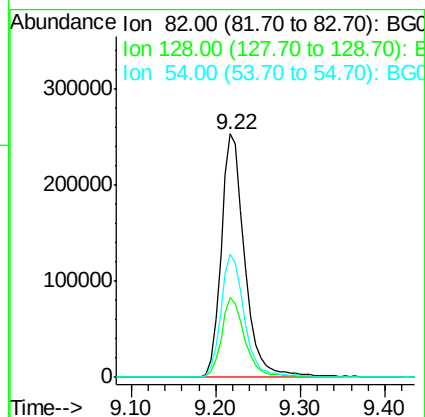
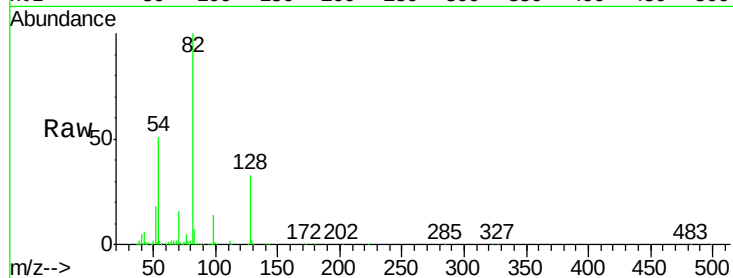




#23
 Nitrobenzene-d5
 Concen: 90.20 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BG024144.D
 Acq: 26 Sep 2016 16:03

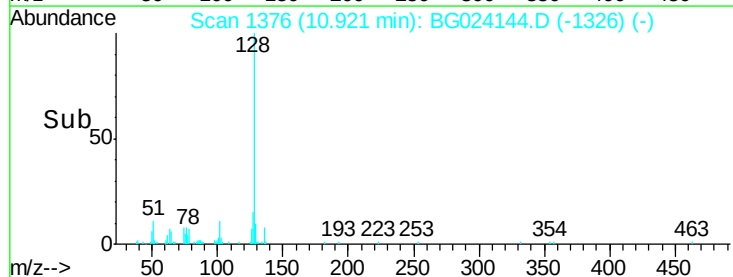
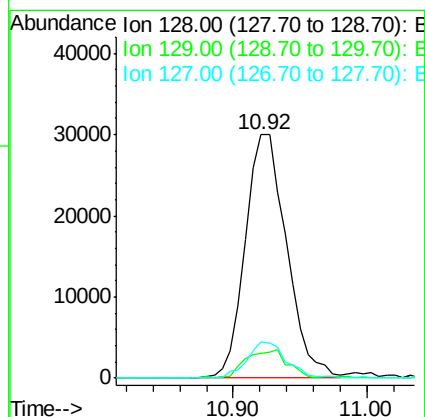
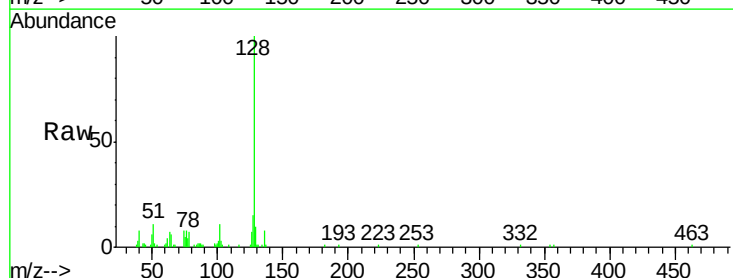
Instrument :
 BNA_G
 ClientSampleId :
 SOIL

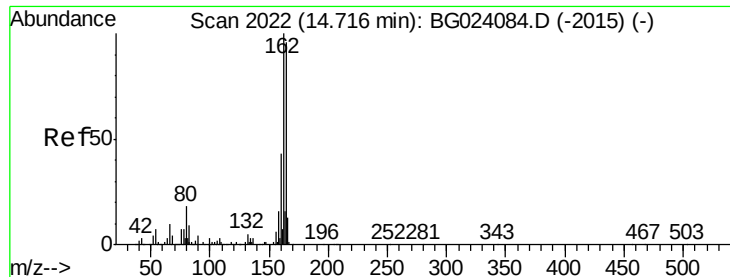
Tot Ion	82	Resp	490860
Ion Ratio	Lower	Upper	
82	100		
128	32.6	24.4	36.6
54	50.6	41.4	62.0



#31
 Naphthalene
 Concen: 5.93 ng
 RT: 10.92 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BG024144.D
 Acq: 26 Sep 2016 16:03

Tgt Ion	128	Resp	64418
Ion Ratio	Lower	Upper	
128	100		
129	10.4	9.4	14.0
127	14.9	11.3	16.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG024144.D

Acq: 26 Sep 2016 16:03

Instrument :

BNA_G

ClientSampled :

SOIL

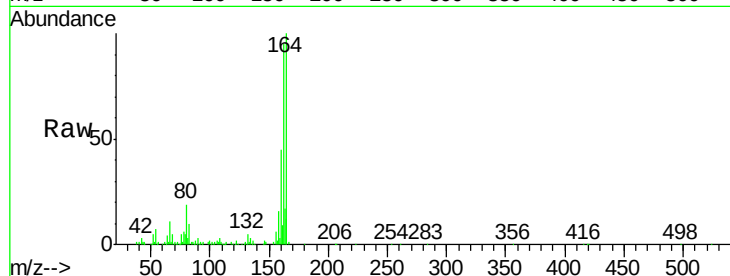
Tot Ion:164 Resp: 181199

Ion Ratio Lower Upper

164 100

162 95.3 87.7 131.5

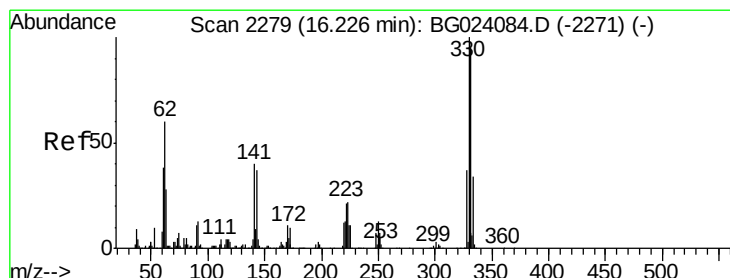
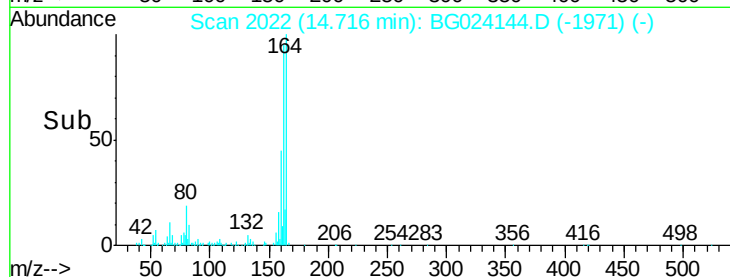
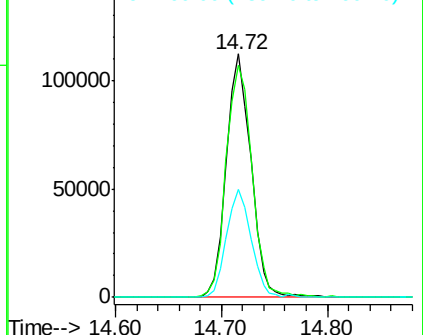
160 44.5 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 126.71 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG024144.D

Acq: 26 Sep 2016 16:03

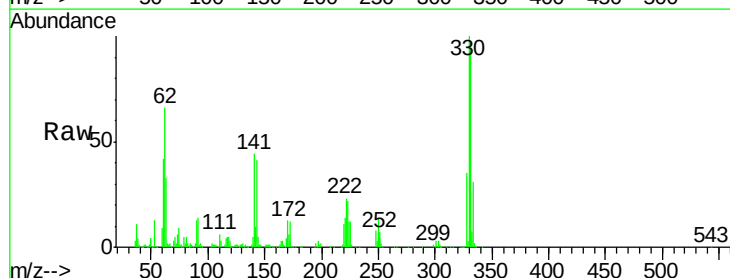
Tgt Ion:330 Resp: 330011

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

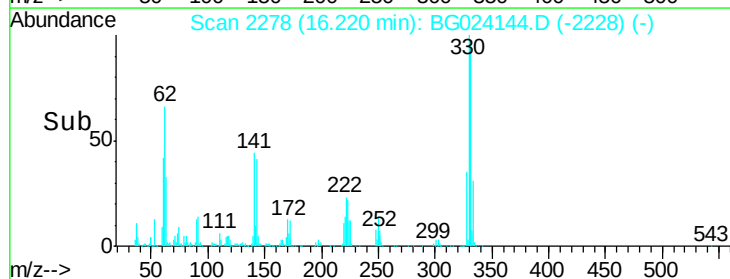
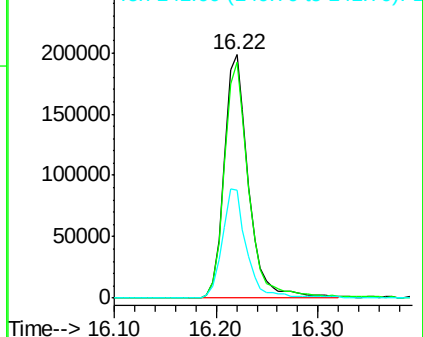
141 43.9 31.7 47.5

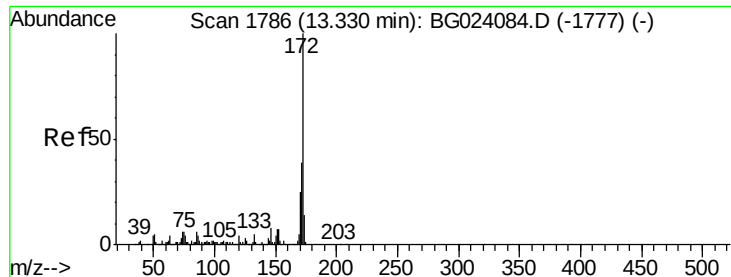


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

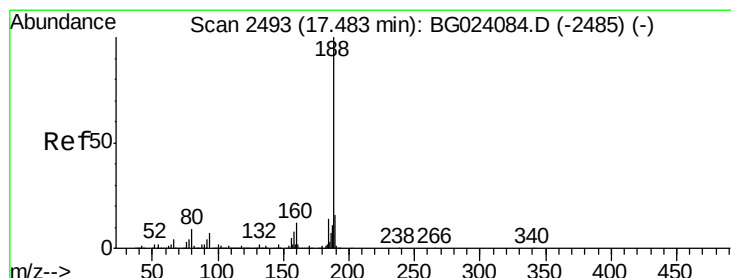
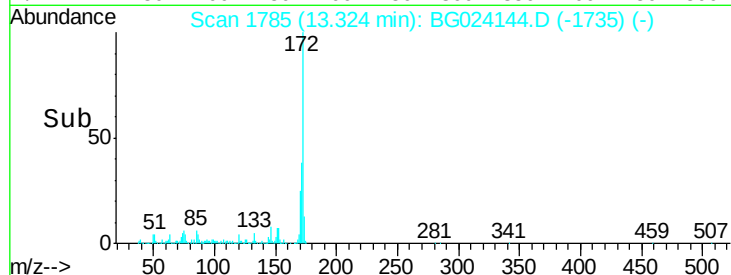
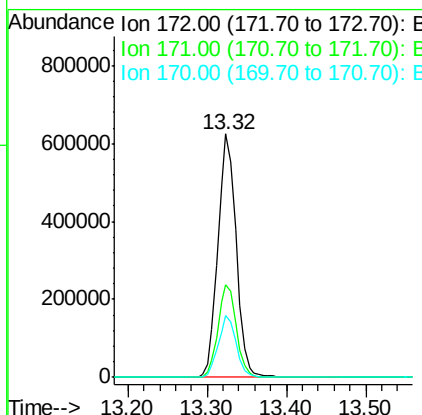
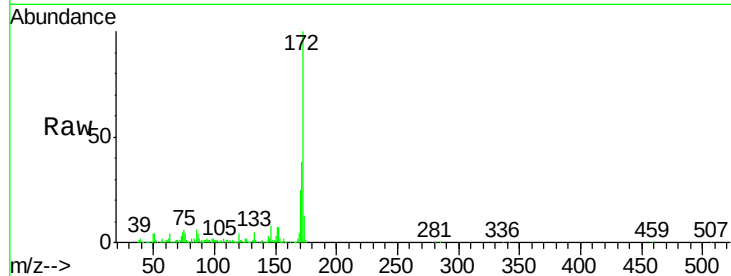




#44
2-Fluorobiphenyl
Concen: 92.60 ng
RT: 13.32 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG024144.D
Acq: 26 Sep 2016 16:03

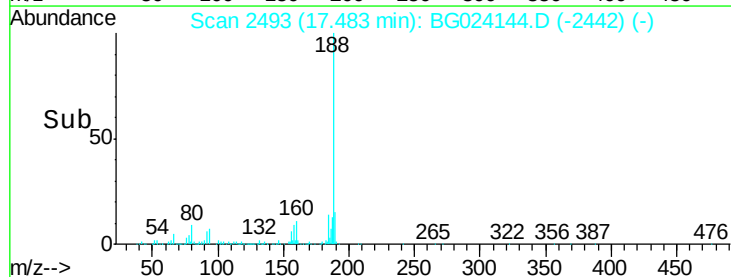
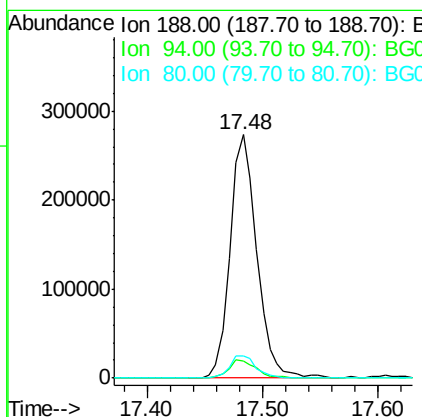
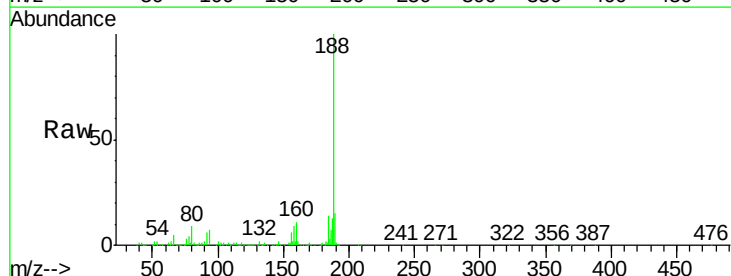
Instrument :
BNA_G
ClientSampled :
SOIL

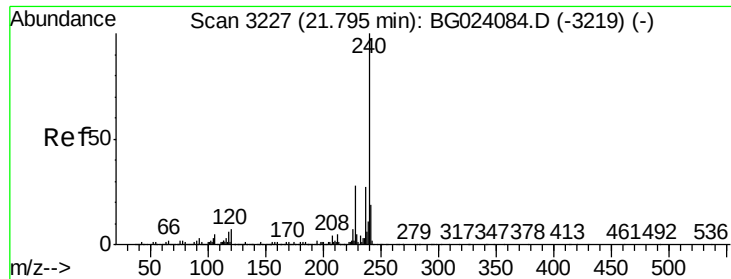
Tot Ion:172 Resp: 998145
Ion Ratio Lower Upper
172 100
171 38.1 31.6 47.4
170 25.3 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024144.D
Acq: 26 Sep 2016 16:03

Tgt Ion:188 Resp: 436951
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 9.2 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BG024144.D

Acq: 26 Sep 2016 16:03

Instrument :

BNA_G

ClientSampleId :

SOIL

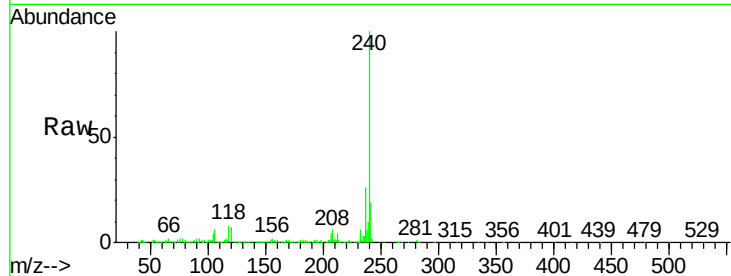
Tot Ion:240 Resp: 448716

Ion Ratio Lower Upper

240 100

120 7.2 4.1 6.1#

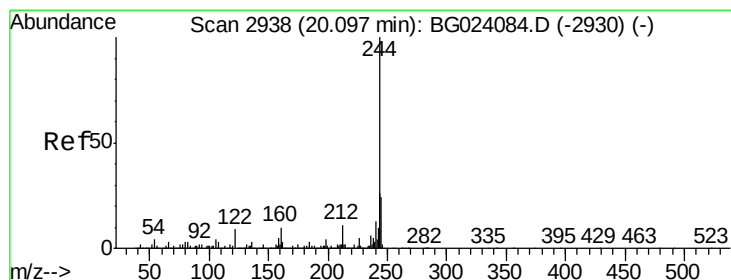
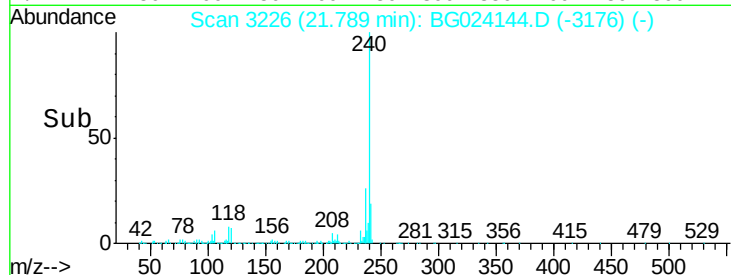
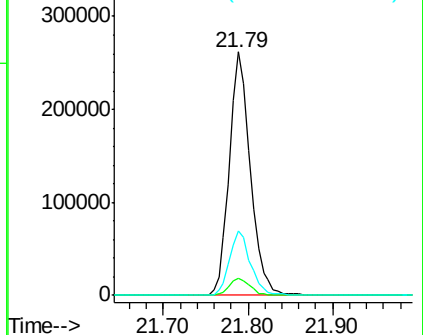
236 26.3 21.1 31.7



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: 78.03 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG024144.D

Acq: 26 Sep 2016 16:03

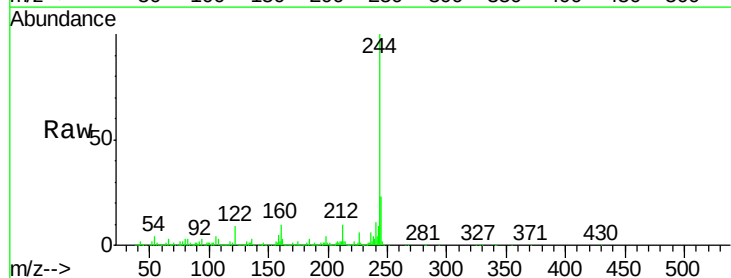
Tgt Ion:244 Resp: 1710029

Ion Ratio Lower Upper

244 100

212 10.3 10.8 16.2#

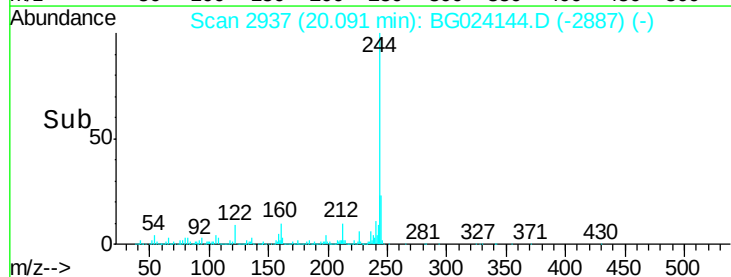
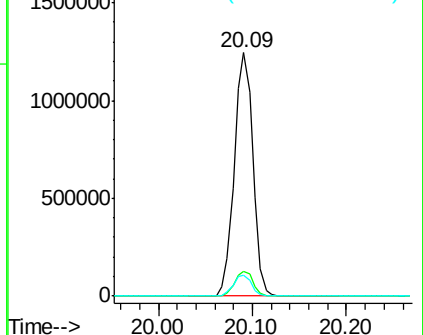
122 8.7 8.0 12.0

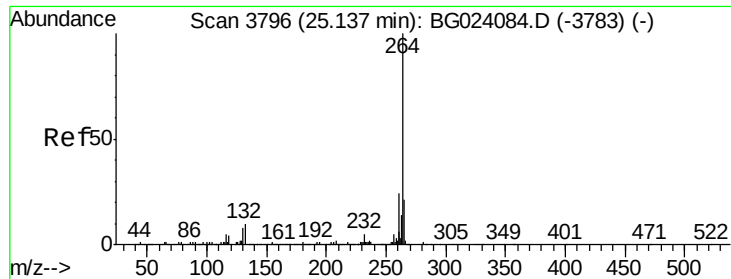


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.13 min Scan# 3794
 Delta R.T. -0.01 min
 Lab File: BG024144.D
 Acq: 26 Sep 2016 16:03

Instrument :
 BNA_G
 ClientSampleId :
 SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.1	18.9	28.3

