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 Data File : BG031413.D
 Acq On : 8 Dec 2017 00:11
 Operator : SJ/JU
 Sample : I6765-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB010B

Quant Time: Dec 08 02:53:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

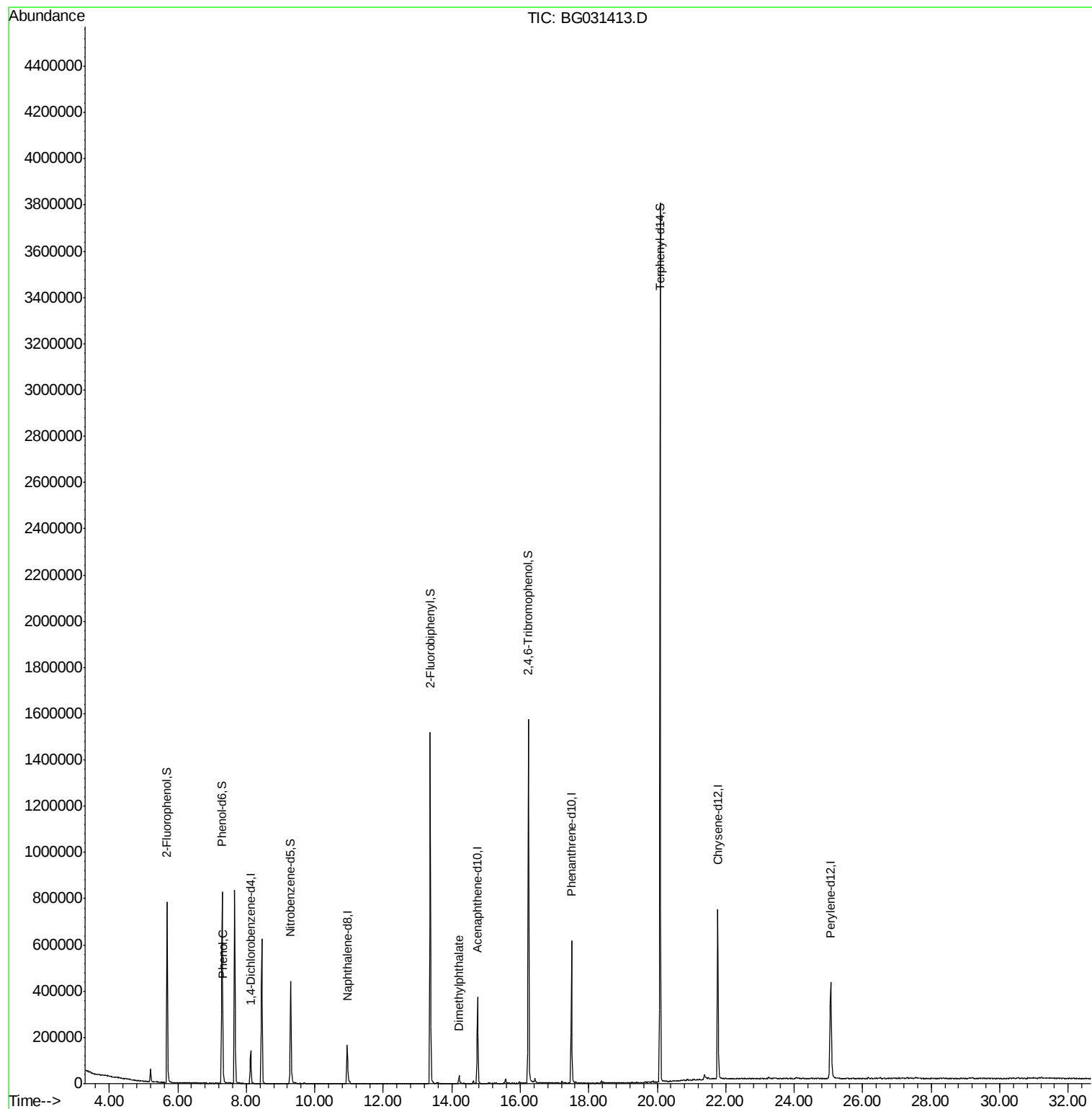
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	42772	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	192897	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	140613	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	433665	20.00	ng	0.00
75) Chrysene-d12	21.77	240	500392	20.00	ng	0.00
86) Perylene-d12	25.06	264	484538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	387538	155.37	ng	0.00
7) Phenol-d6	7.29	99	519385	154.56	ng	0.00
23) Nitrobenzene-d5	9.29	82	314316	96.56	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	313280	137.73	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	910322	93.02	ng	0.00
78) Terphenyl-d14	20.08	244	1896935	83.71	ng	0.00
Target Compounds						
10) Phenol	7.32	94	20716	5.936	ng	90
49) Dimethylphthalate	14.21	163	37405	3.077	ng	99

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

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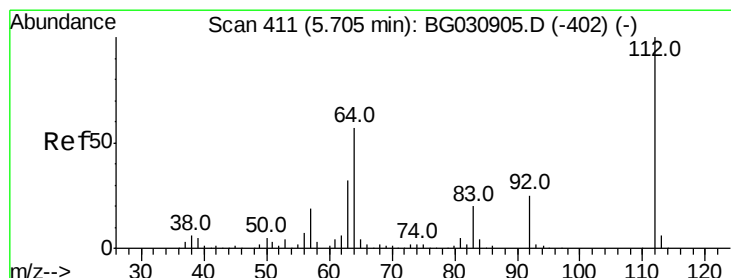
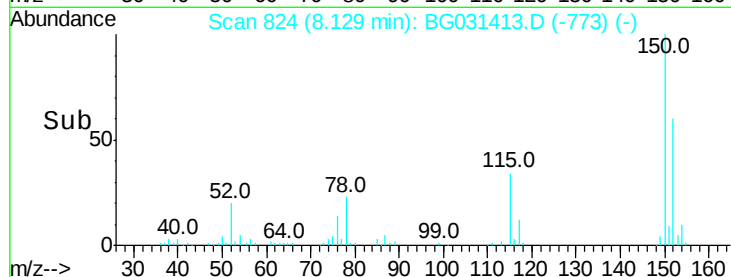
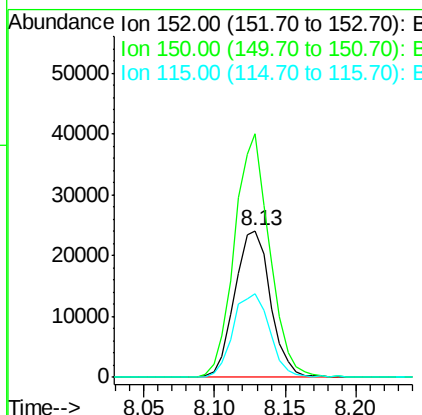
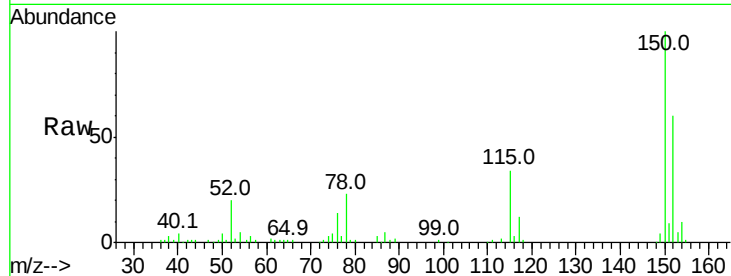


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG031413.D
Acq: 8 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
SOIL-SB010B

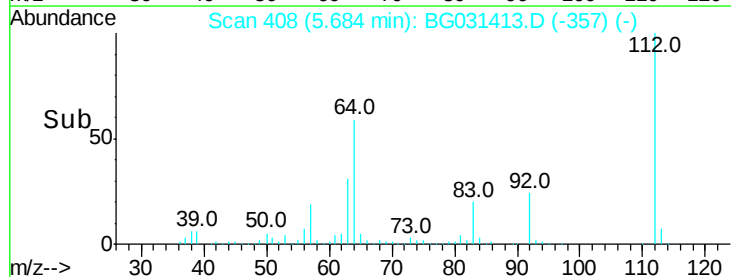
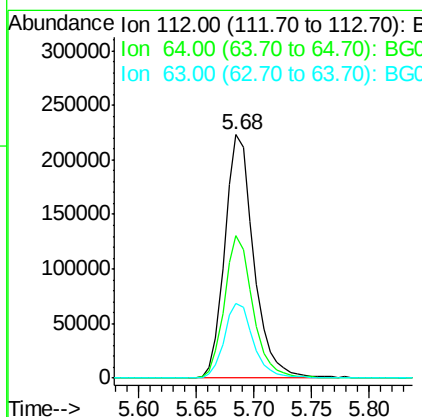
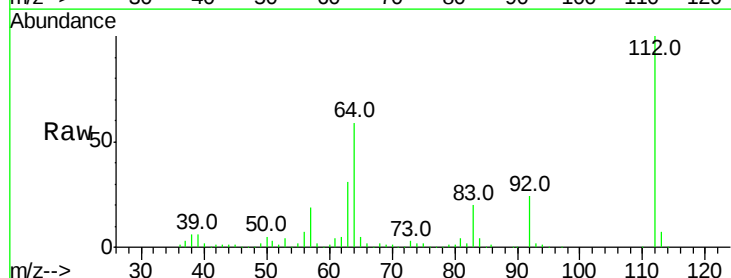
Tot Ion:152 Resp: 42772
Ion Ratio Lower Upper
152 100
150 165.8 126.6 189.8
115 56.7 53.0 79.4

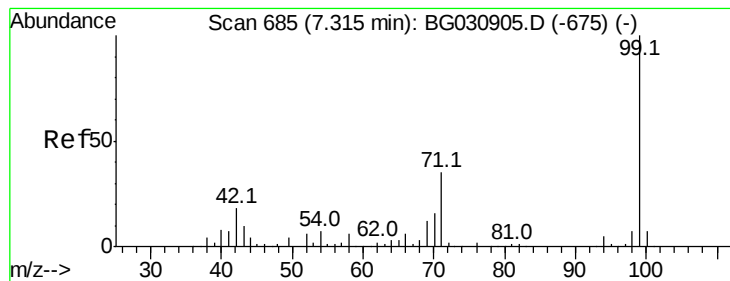


#5

2-Fluorophenol
Concen: 155.367 ng
RT: 5.68 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031413.D
Acq: 8 Dec 2017 00:11

Tgt Ion:112 Resp: 387538
Ion Ratio Lower Upper
112 100
64 58.5 56.3 84.5
63 30.9 30.1 45.1





#7

Phenol-d6

Concen: 154.559 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031413.D

Acq: 8 Dec 2017 00:11

Instrument :

BNA_G

ClientSampleId :

SOIL-SB010B

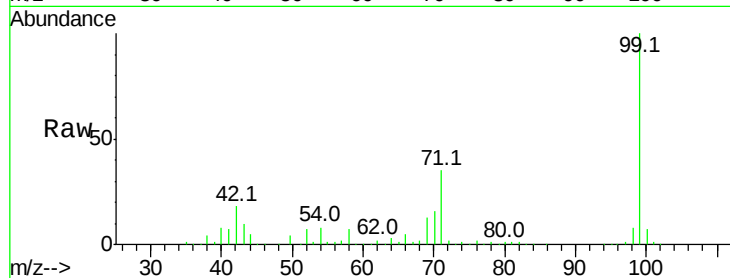
Tot Ion: 99 Resp: 519385

Ion Ratio Lower Upper

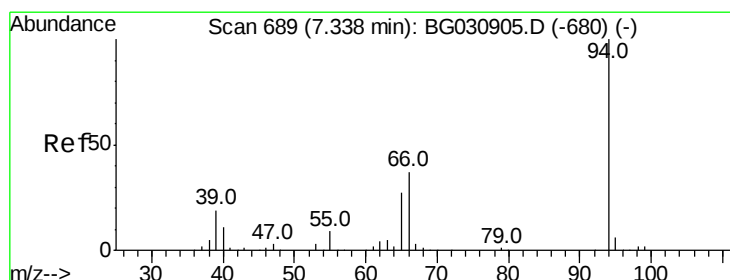
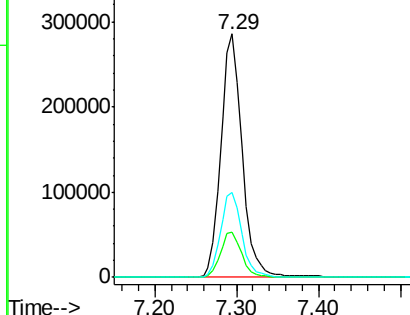
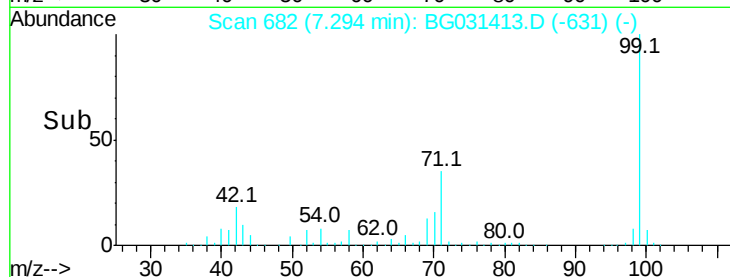
99 100

42 18.4 14.1 21.1

71 35.0 26.1 39.1



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



#10

Phenol

Concen: 5.936 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG031413.D

Acq: 8 Dec 2017 00:11

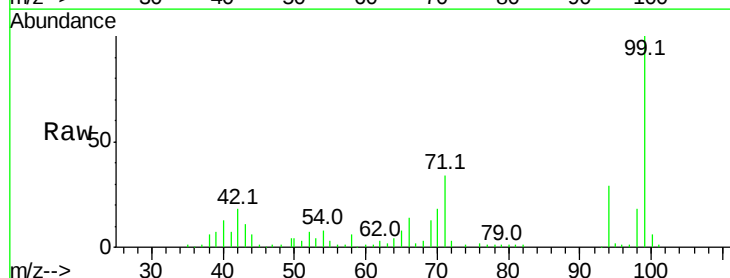
Tgt Ion: 94 Resp: 20716

Ion Ratio Lower Upper

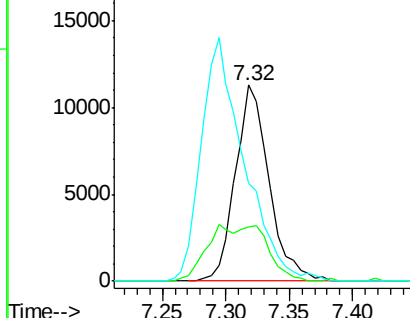
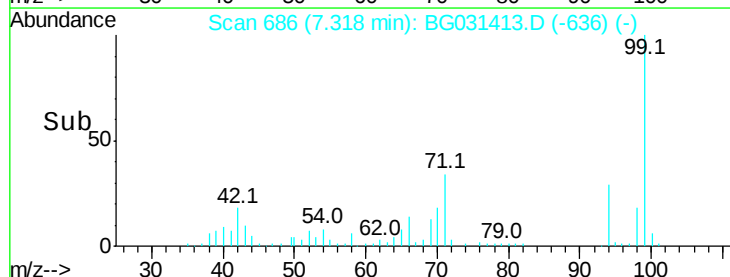
94 100

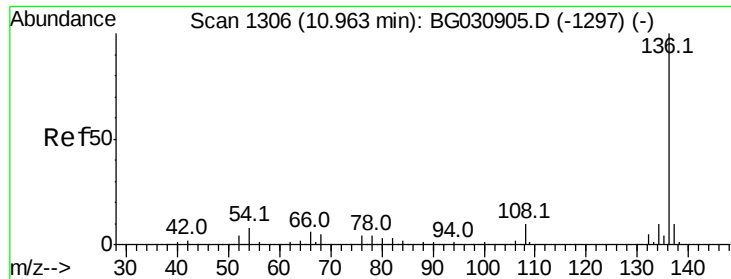
65 27.7 11.9 51.9

66 49.9 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

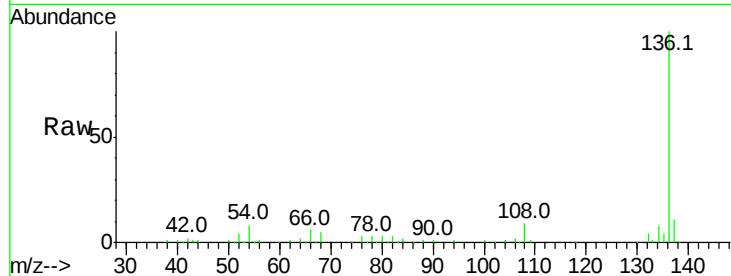




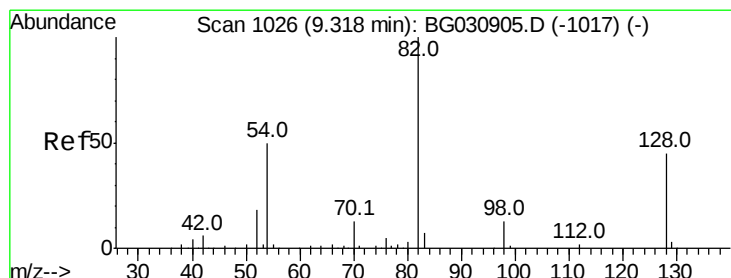
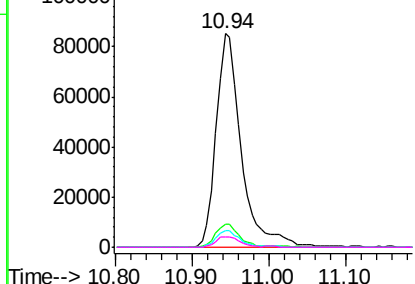
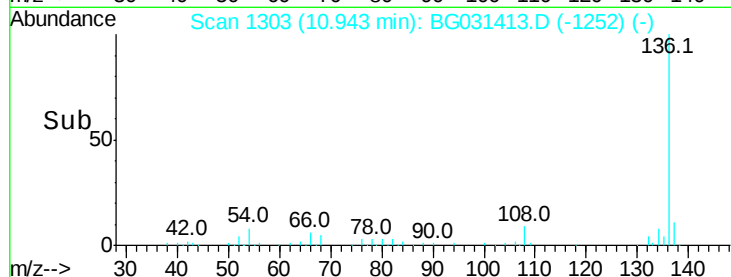
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031413.D
Acq: 8 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
SOIL-SB010B

Tot Ion:136	Resp:	192897
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.2 13.8
54	7.9	10.3 15.5#
68	4.5	4.5 6.7

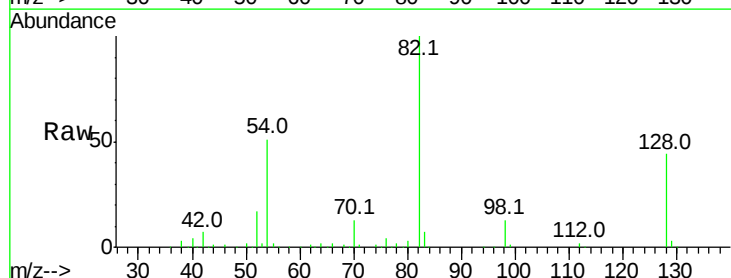


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

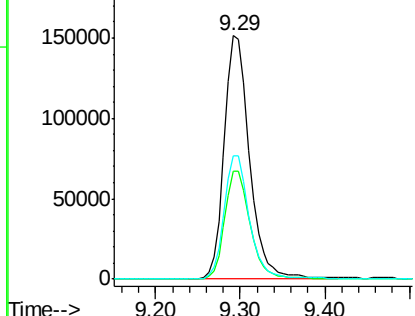
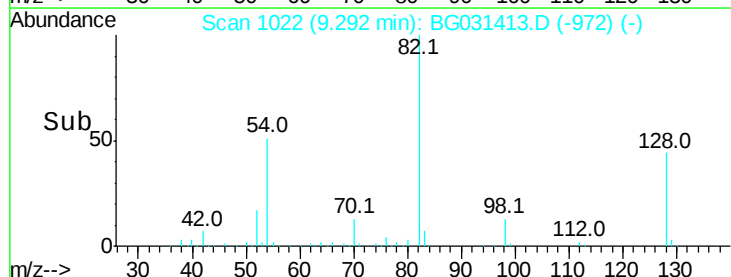


#23
Nitrobenzene-d5
Concen: 96.555 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031413.D
Acq: 8 Dec 2017 00:11

Tgt Ion: 82	Resp:	314316
Ion	Ratio	Lower Upper
82	100	
128	44.4	29.7 44.5
54	50.7	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG031413.D

Acq: 8 Dec 2017 00:11

Instrument :

BNA_G

ClientSampleId :

SOIL-SB010B

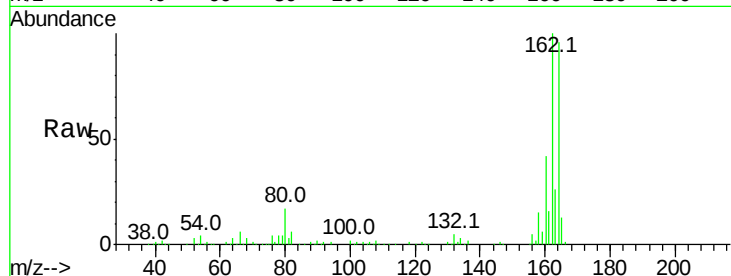
Tot Ion:164 Resp: 140613

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

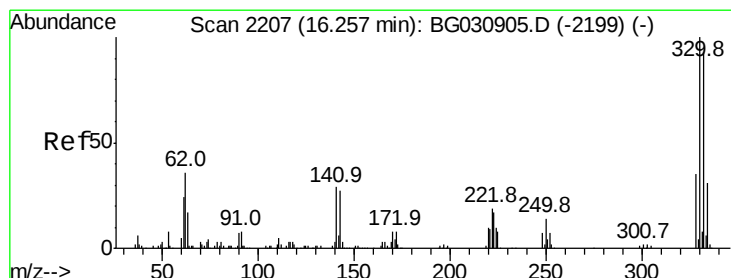
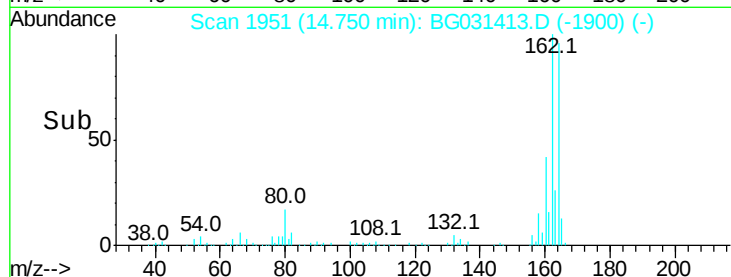
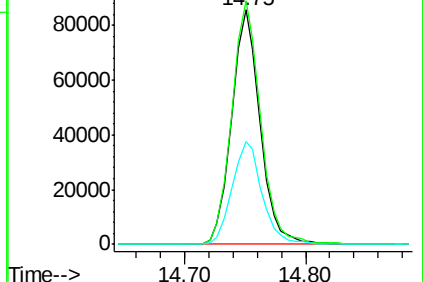
160 44.1 35.4 53.0



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: 137.726 ng

RT: 16.24 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG031413.D

Acq: 8 Dec 2017 00:11

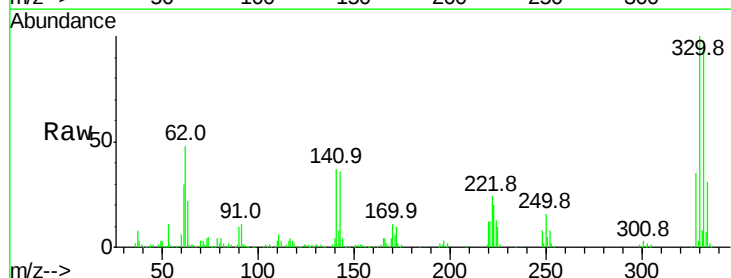
Tgt Ion:330 Resp: 313280

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

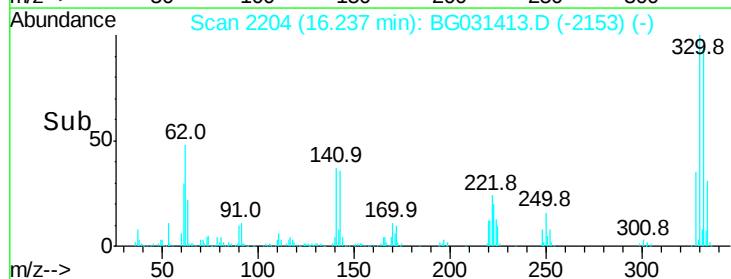
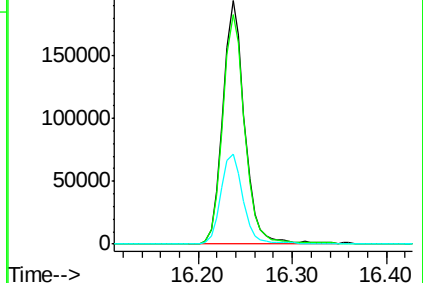
141 38.1 25.2 37.8#

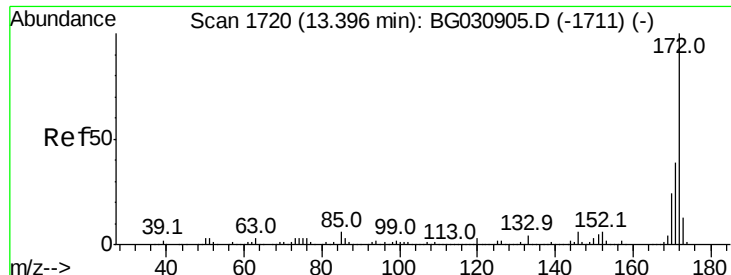


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

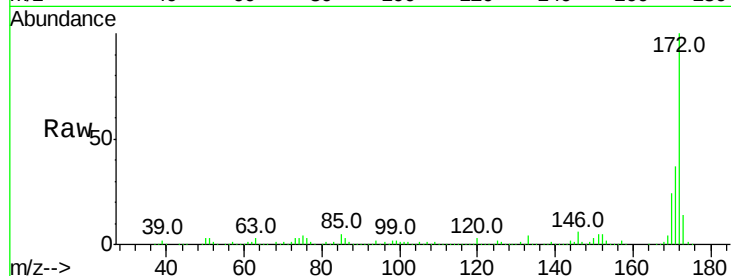




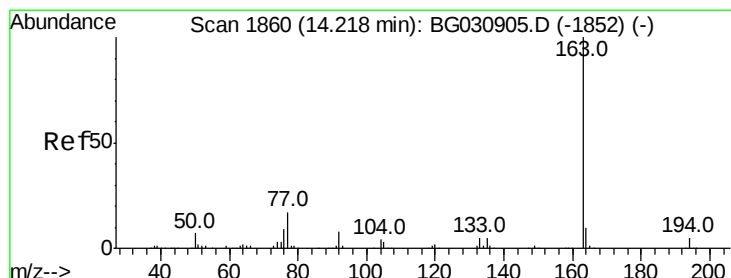
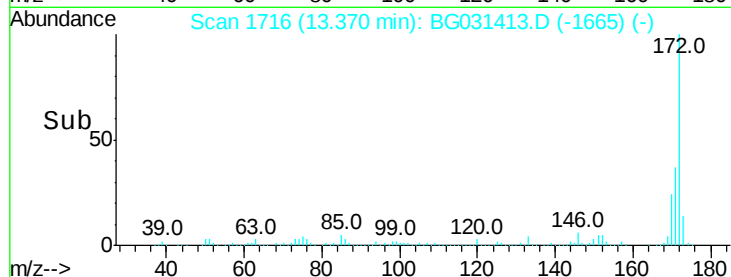
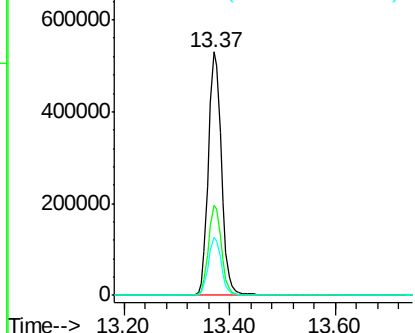
#44
2-Fluorobiphenyl
Concen: 93.024 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031413.D
Acq: 8 Dec 2017 00:11

Instrument :
BNA_G
ClientSampleId :
SOIL-SB010B

Tot Ion:172 Resp: 910322
Ion Ratio Lower Upper
172 100
171 36.8 30.0 45.0
170 23.9 19.5 29.3

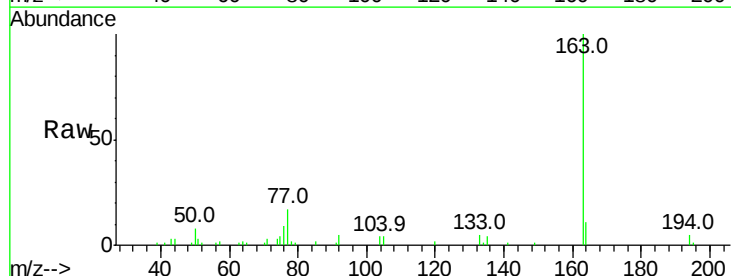


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

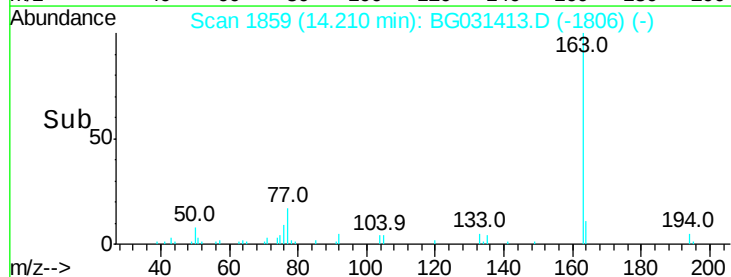
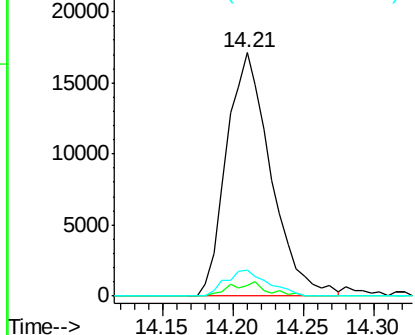


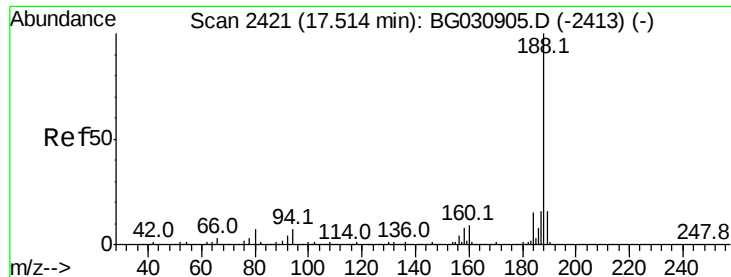
#49
Dimethylphthalate
Concen: 3.077 ng
RT: 14.21 min Scan# 1859
Delta R.T. 0.01 min
Lab File: BG031413.D
Acq: 8 Dec 2017 00:11

Tgt Ion:163 Resp: 37405
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

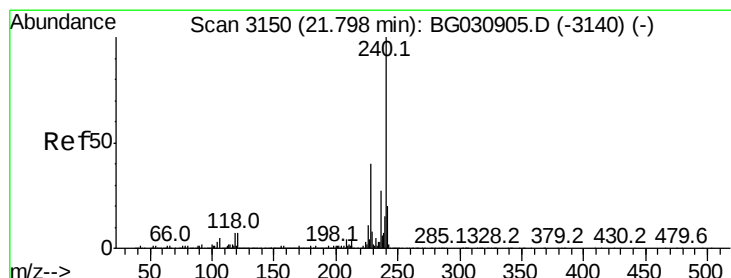
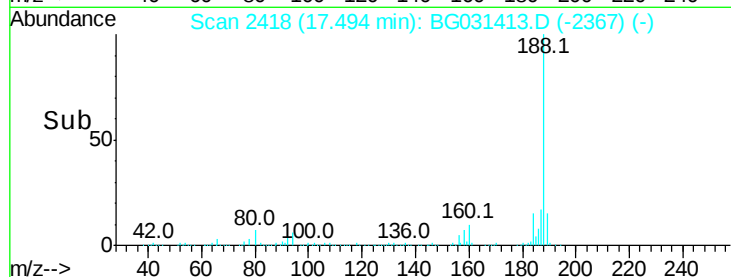
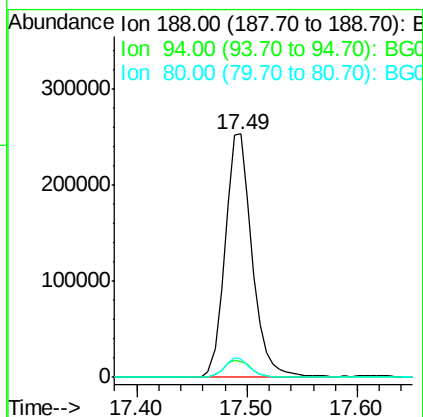
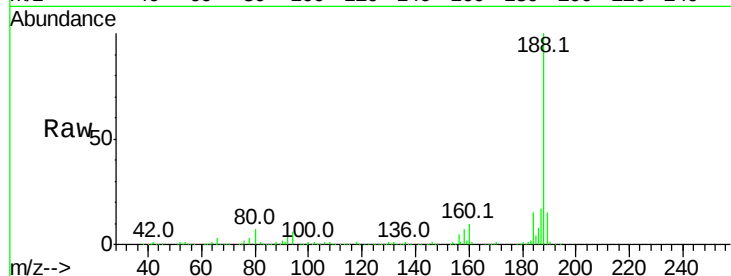




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG031413.D
Acq: 8 Dec 2017 00:11

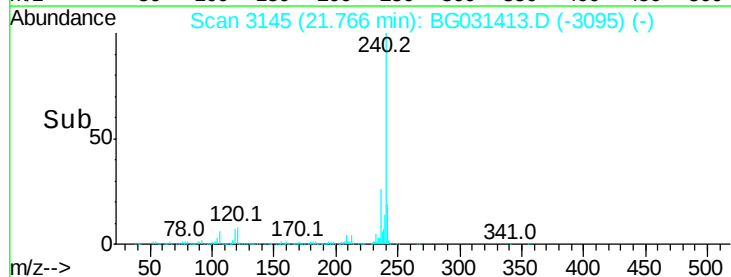
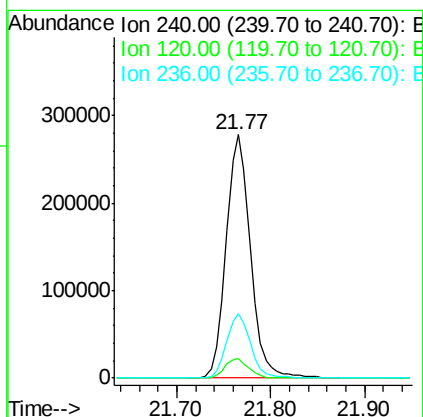
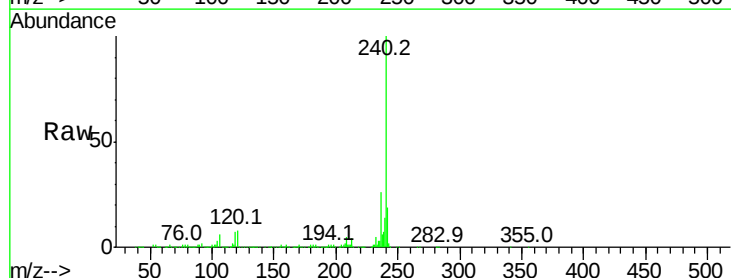
Instrument :
BNA_G
ClientSampleId :
SOIL-SB010B

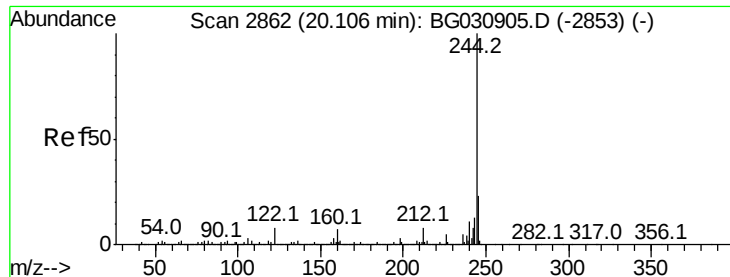
Tot Ion:188 Resp: 433665
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031413.D
Acq: 8 Dec 2017 00:11

Tgt Ion:240 Resp: 500392
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 83.706 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031413.D

Acq: 8 Dec 2017 00:11

Instrument :

BNA_G

ClientSampleId :

SOIL-SB010B

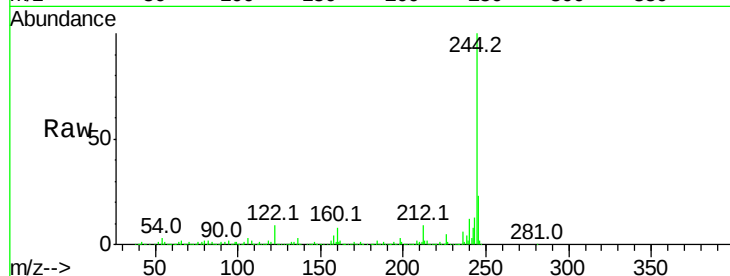
Tot Ion:244 Resp: 1896935

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

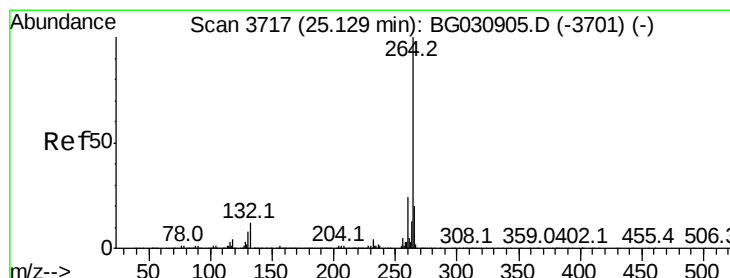
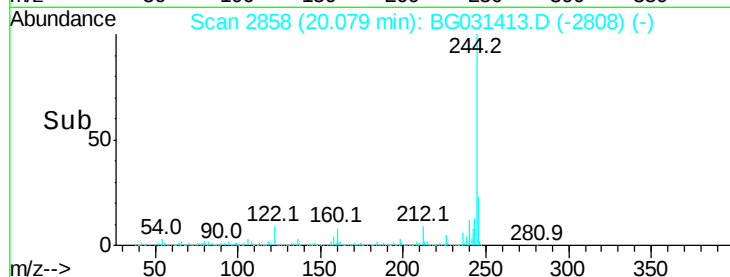
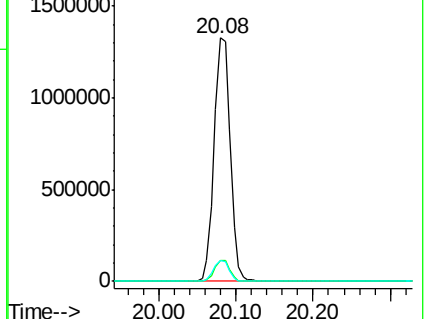
122 8.7 7.0 10.4



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: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG031413.D

Acq: 8 Dec 2017 00:11

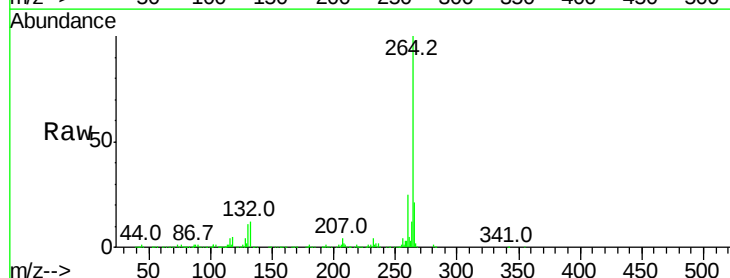
Tgt Ion:264 Resp: 484538

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 20.8 17.7 26.5



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

