

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033284.D
 Acq On : 21 Mar 2018 2:42
 Operator : SJ/JU
 Sample : J1975-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SOIL

Quant Time: Mar 21 03:50:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	38975	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	162693	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	125906	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	339242	20.00	ng	0.00
75) Chrysene-d12	22.60	240	335531	20.00	ng	0.00
86) Perylene-d12	26.40	264	352896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	325887	156.79	ng	0.00
7) Phenol-d6	7.99	99	448598	125.61	ng	0.00
23) Nitrobenzene-d5	10.09	82	362269	102.30	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	266377	141.46	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	861314	98.76	ng	0.00
78) Terphenyl-d14	20.76	244	1649537	105.14	ng	0.00

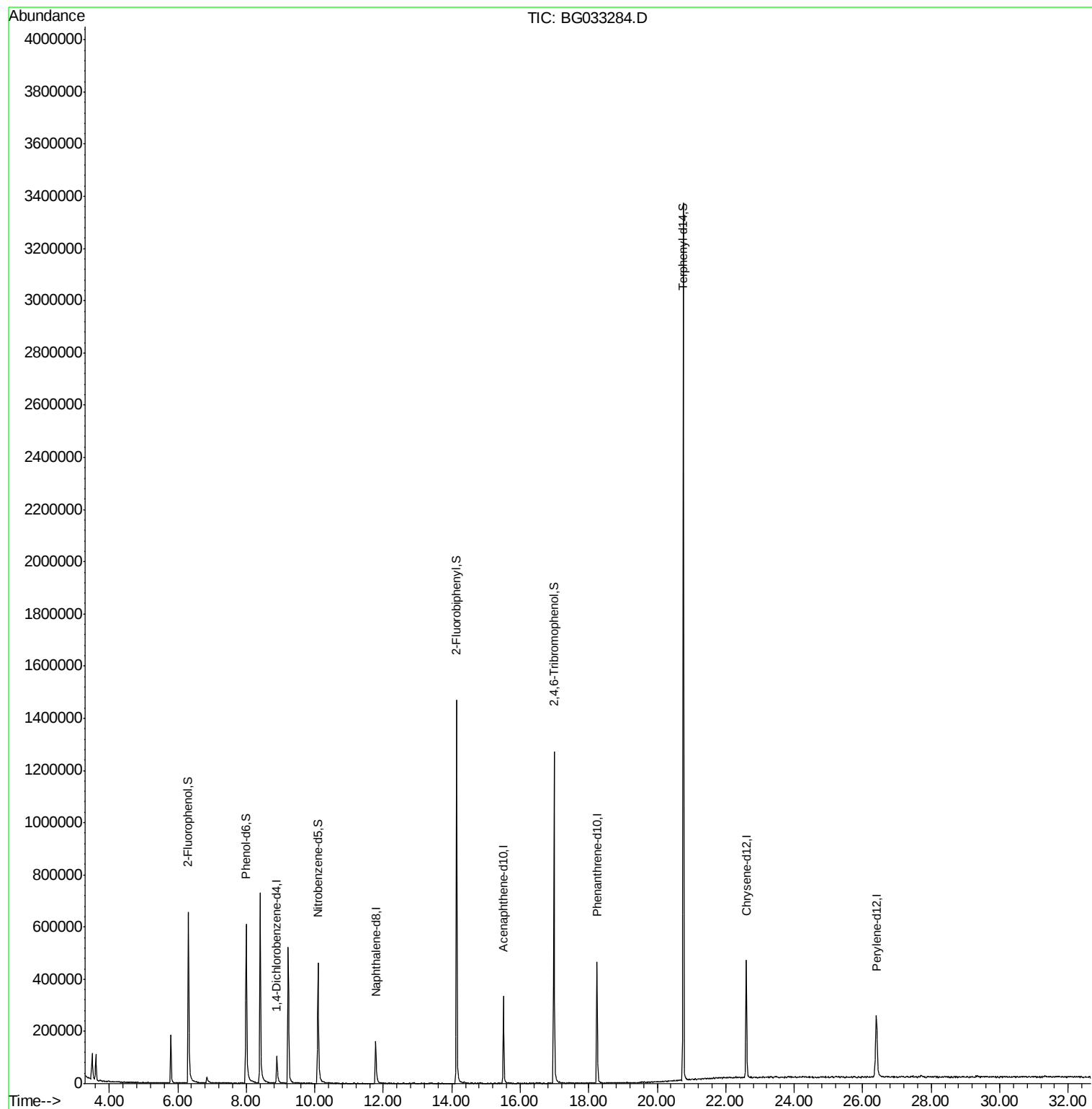
Target Compounds Qvalue

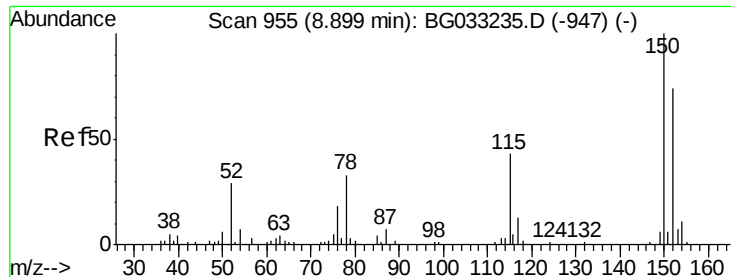
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG033284.D

Acq: 21 Mar 2018 2:42

Instrument :

BNA_G

ClientSampleId :

FS-SOIL

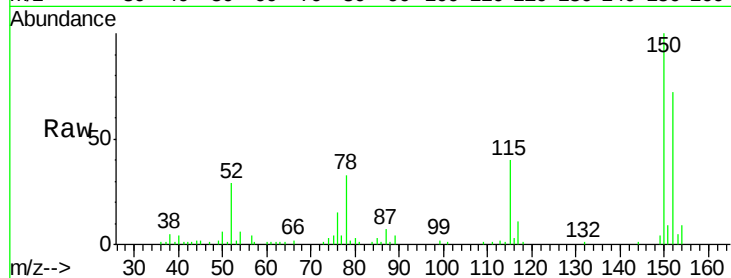
Tot Ion:152 Resp: 38975

Ion Ratio Lower Upper

152 100

150 138.8 126.6 189.8

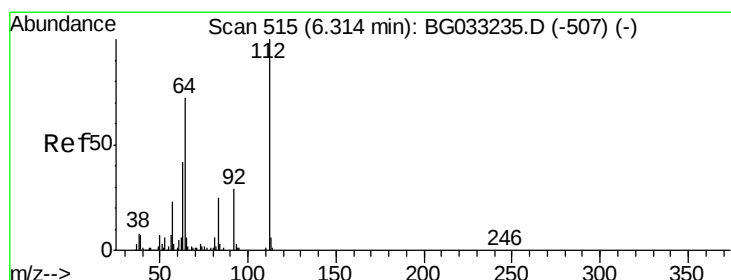
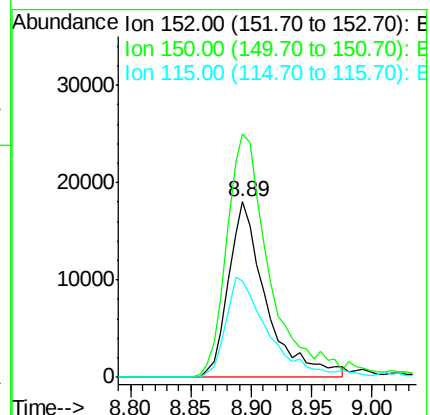
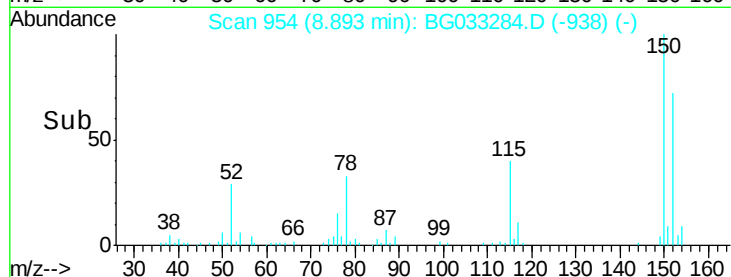
115 55.1 53.0 79.4



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: 156.787 ng

RT: 6.31 min Scan# 514

Delta R.T. -0.01 min

Lab File: BG033284.D

Acq: 21 Mar 2018 2:42

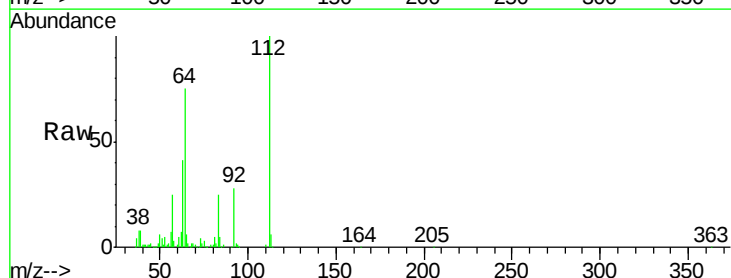
Tgt Ion:112 Resp: 325887

Ion Ratio Lower Upper

112 100

64 75.0 56.3 84.5

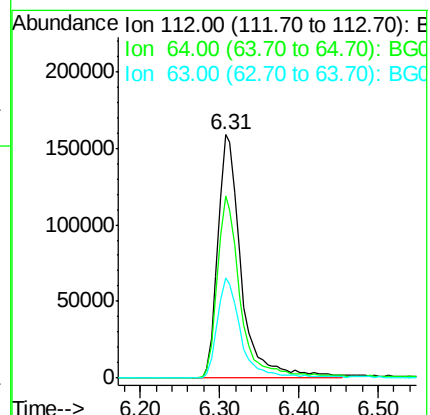
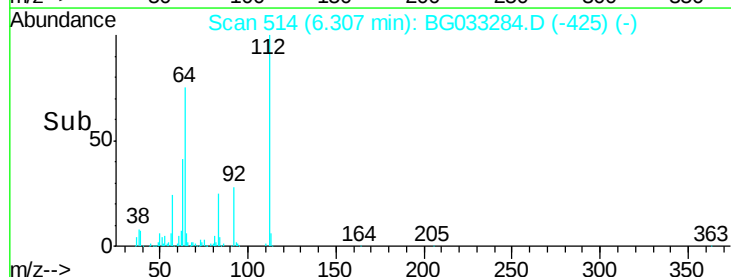
63 41.1 30.1 45.1

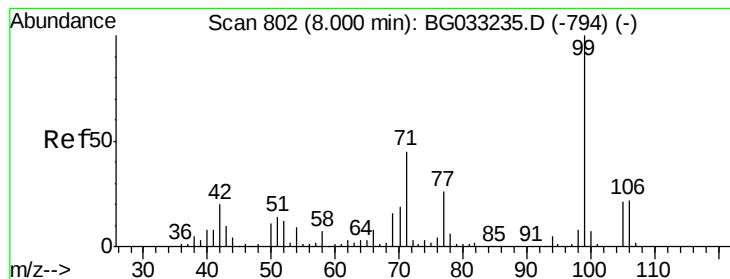


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 125.610 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033284.D

Acq: 21 Mar 2018 2:42

Instrument :

BNA_G

ClientSampled :

FS-SOIL

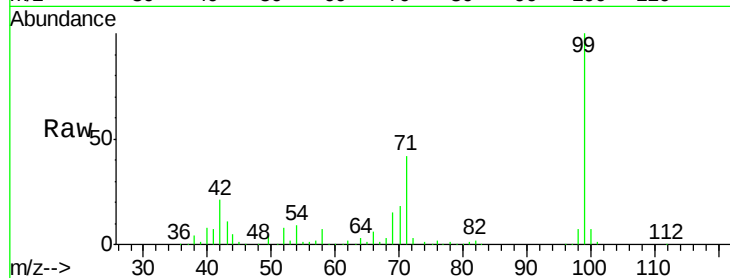
Tot Ion: 99 Resp: 448598

Ion Ratio Lower Upper

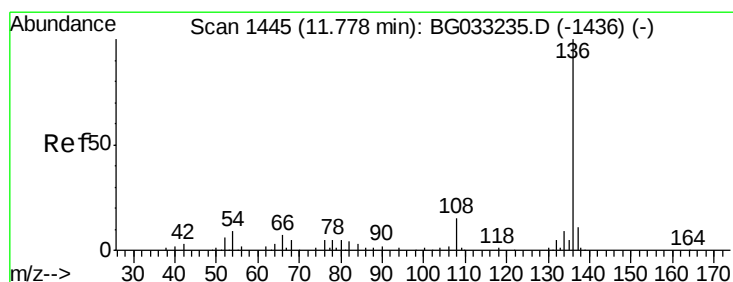
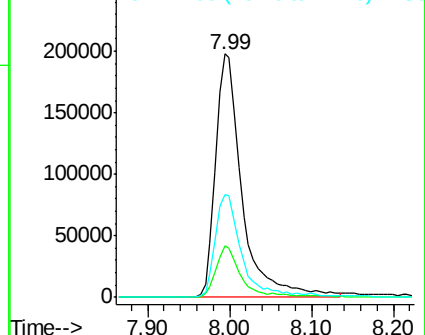
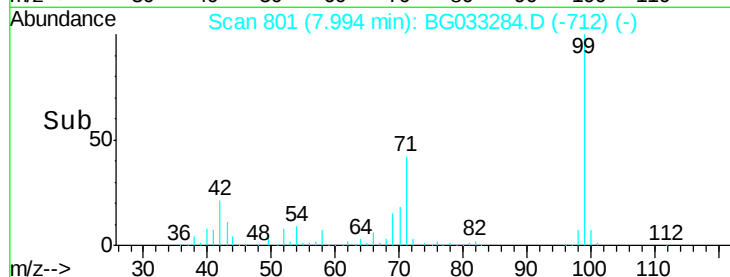
99 100

42 21.2 14.1 21.1#

71 42.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033284.D

Acq: 21 Mar 2018 2:42

Tgt Ion: 136 Resp: 162693

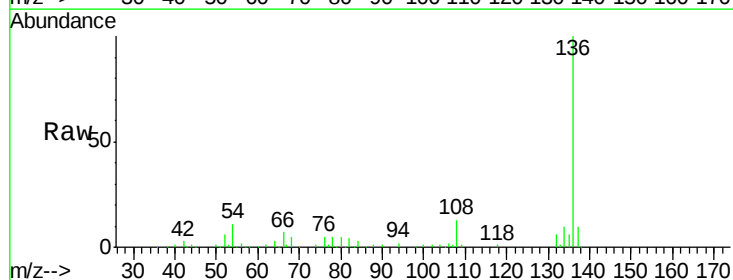
Ion Ratio Lower Upper

136 100

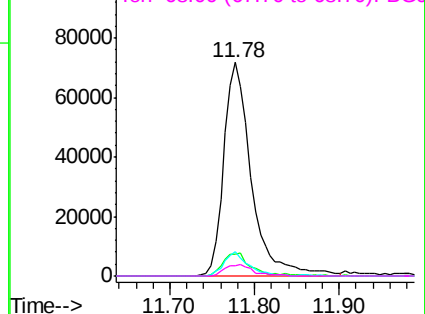
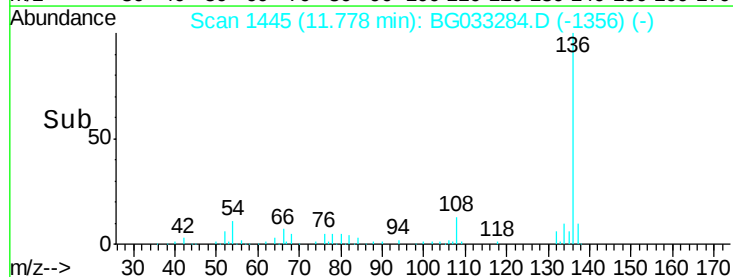
137 10.0 9.2 13.8

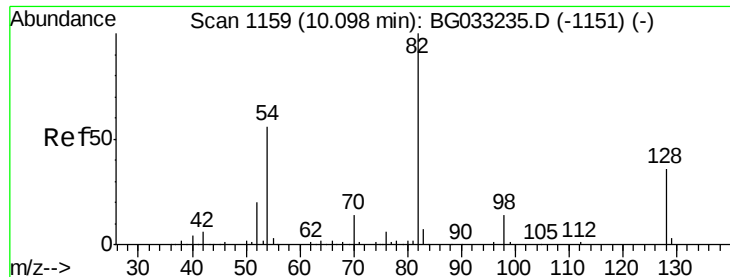
54 11.2 10.3 15.5

68 5.0 4.5 6.7



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

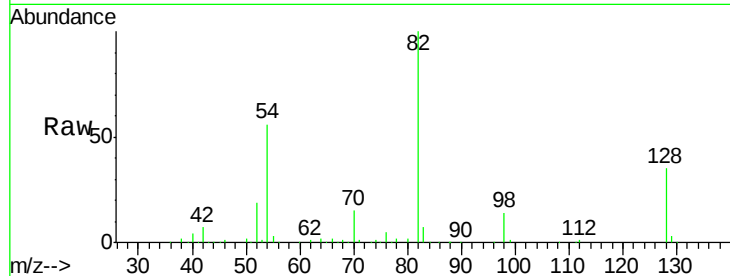




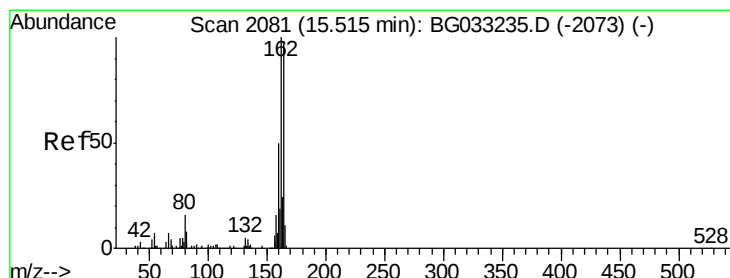
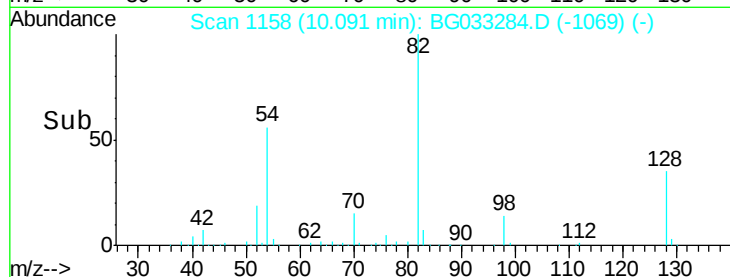
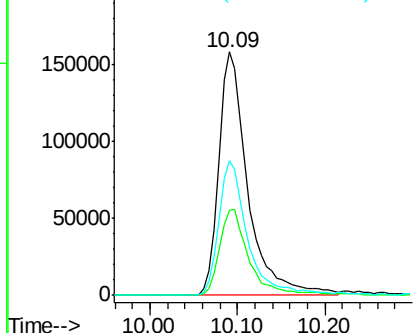
#23
Nitrobenzene-d5
Concen: 102.304 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

Instrument :
BNA_G
ClientSampled :
FS-SOIL

Tot Ion: 82 Resp: 362269
Ion Ratio Lower Upper
82 100
128 34.8 29.7 44.5
54 55.5 43.1 64.7

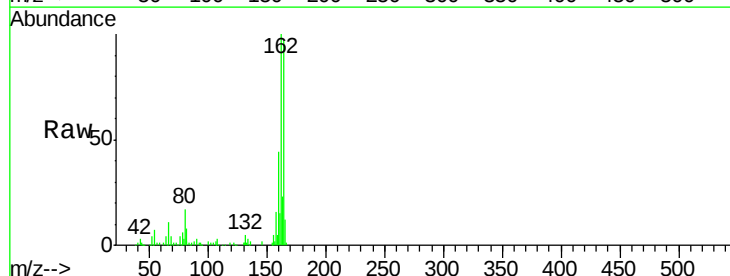


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

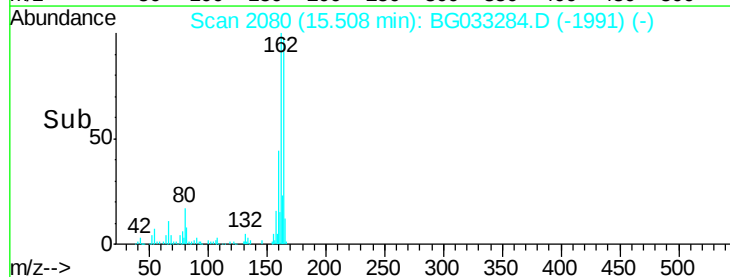
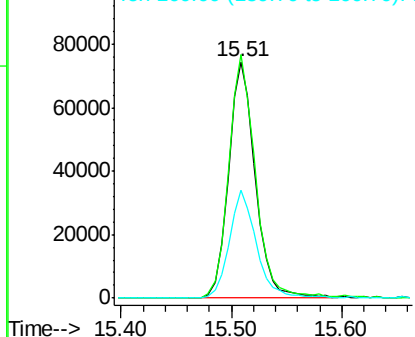


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

Tgt Ion:164 Resp: 125906
Ion Ratio Lower Upper
164 100
162 103.2 78.8 118.2
160 45.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

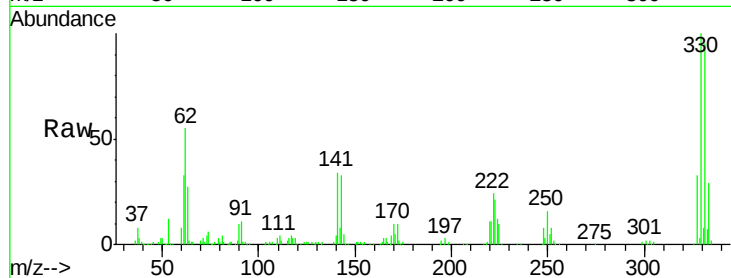




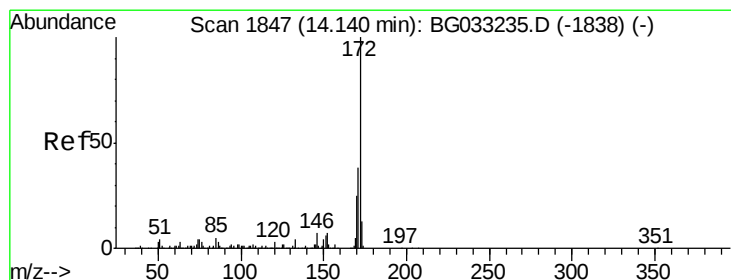
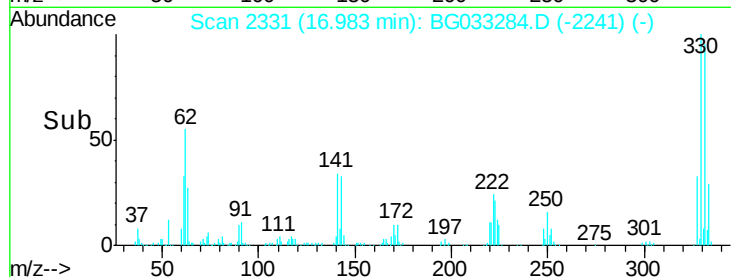
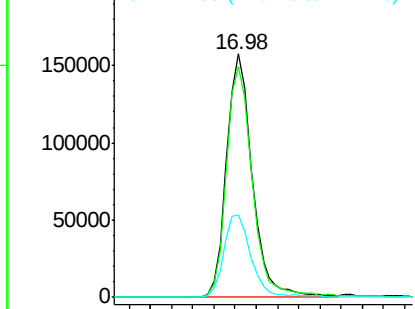
#41
 2,4,6-Tribromophenol
 Concen: 141.459 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033284.D
 Acq: 21 Mar 2018 2:42

Instrument :
 BNA_G
 ClientSampleId :
 FS-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	36.5	25.2	37.8

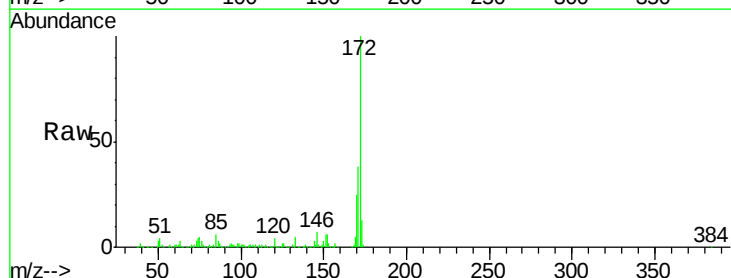


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

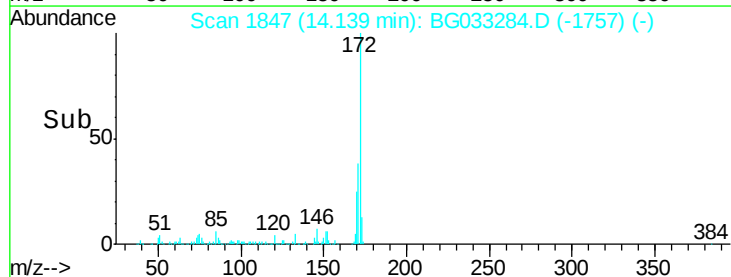
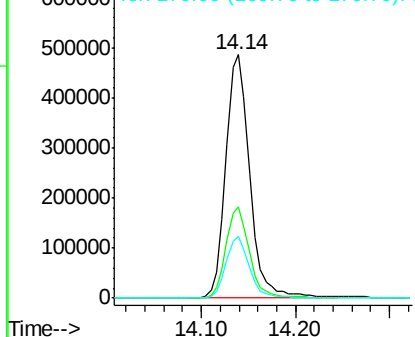


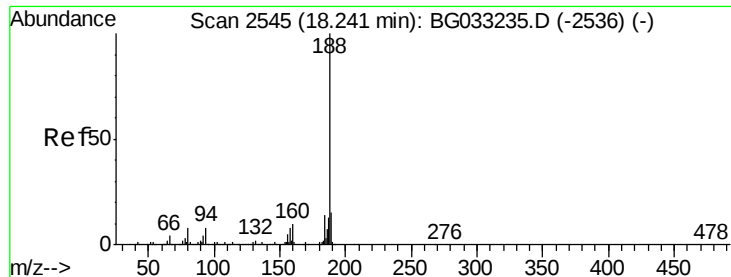
#44
 2-Fluorobiphenyl
 Concen: 98.758 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033284.D
 Acq: 21 Mar 2018 2:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.3	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

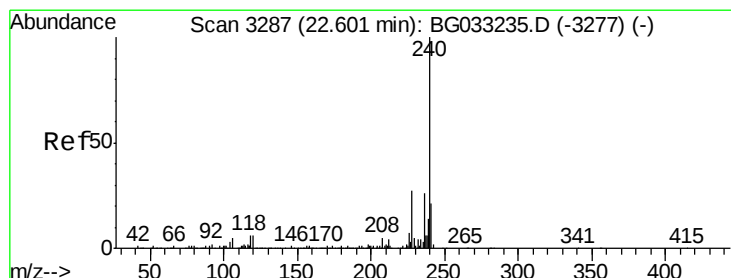
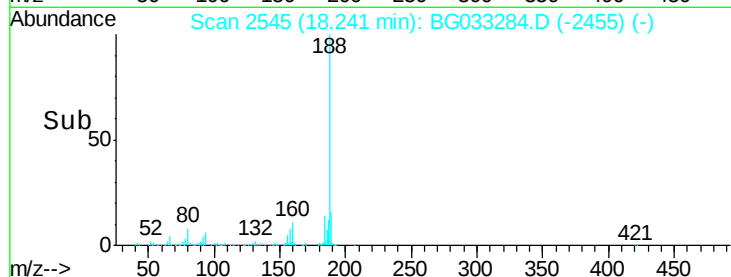
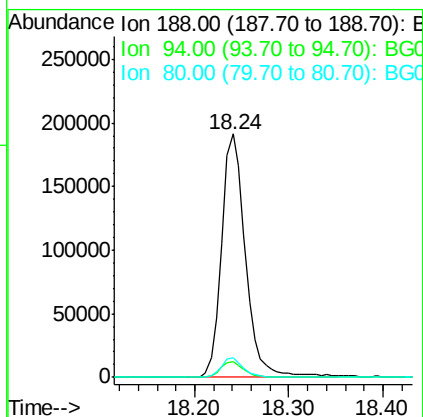
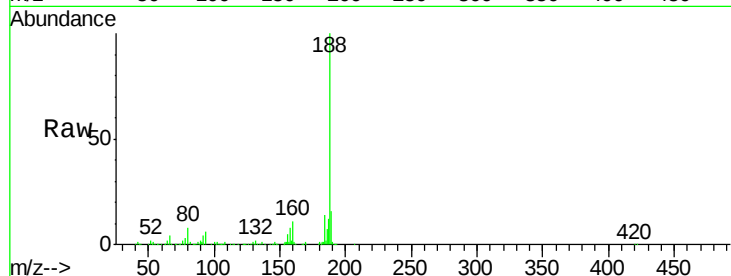




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

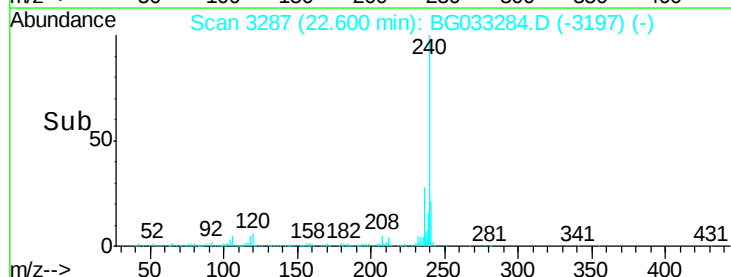
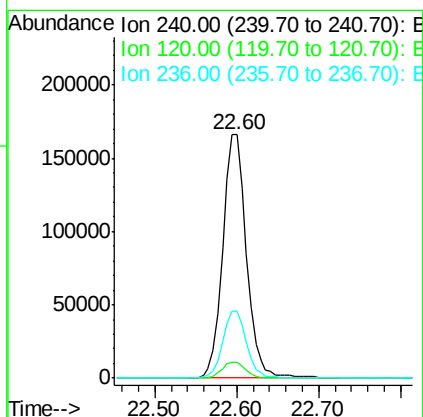
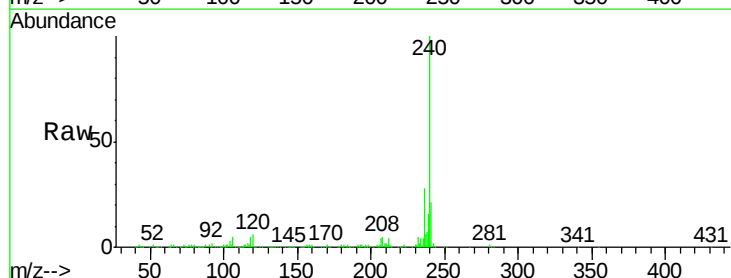
Instrument :
BNA_G
ClientSampleId :
FS-SOIL

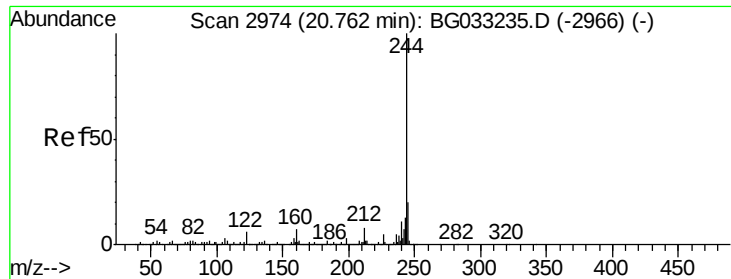
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	8.1	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BG033284.D
Acq: 21 Mar 2018 2:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	27.5	20.9	31.3





#78

Terphenyl-d14

Concen: 105.138 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033284.D

Acq: 21 Mar 2018 2:42

Instrument :

BNA_G

ClientSampleId :

FS-SOIL

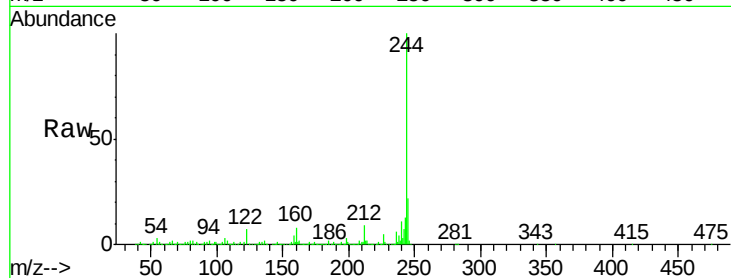
Tot Ion:244 Resp: 1649537

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

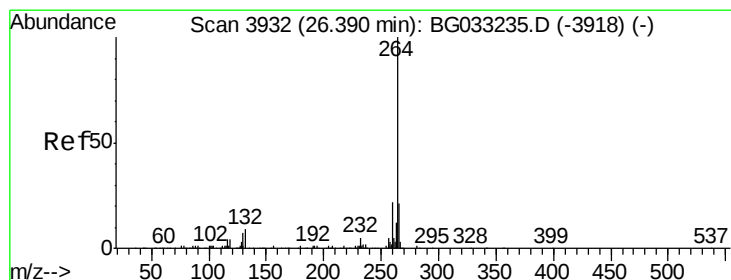
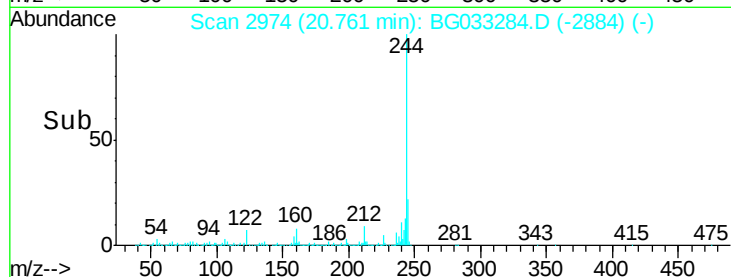
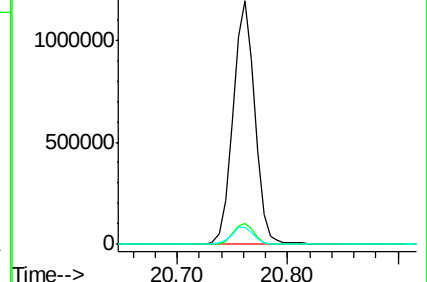
122 7.1 7.0 10.4



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: 26.40 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BG033284.D

Acq: 21 Mar 2018 2:42

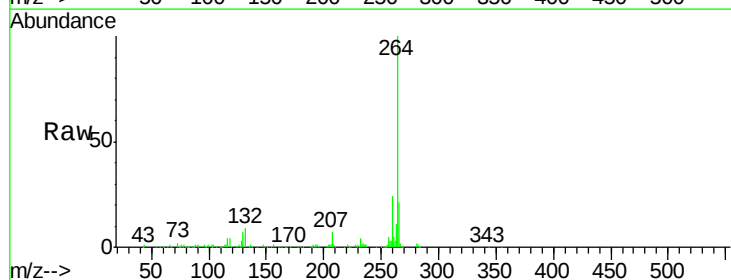
Tgt Ion:264 Resp: 352896

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.9 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

