

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033182.D
 Acq On : 15 Mar 2018 18:31
 Operator : SJ/JU
 Sample : J1913-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL-124029

Quant Time: Mar 16 05:30:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	33087	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	144301	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	80186	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	202627	20.00	ng	0.00
75) Chrysene-d12	22.60	240	214798	20.00	ng	0.00
86) Perylene-d12	26.41	264	235623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	299048	144.60	ng	0.00
7) Phenol-d6	8.01	99	351000	121.76	ng	0.00
23) Nitrobenzene-d5	10.10	82	267372	123.50	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	207443	246.04	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	589882	106.10	ng	0.00
78) Terphenyl-d14	20.77	244	1069827	111.90	ng	0.00

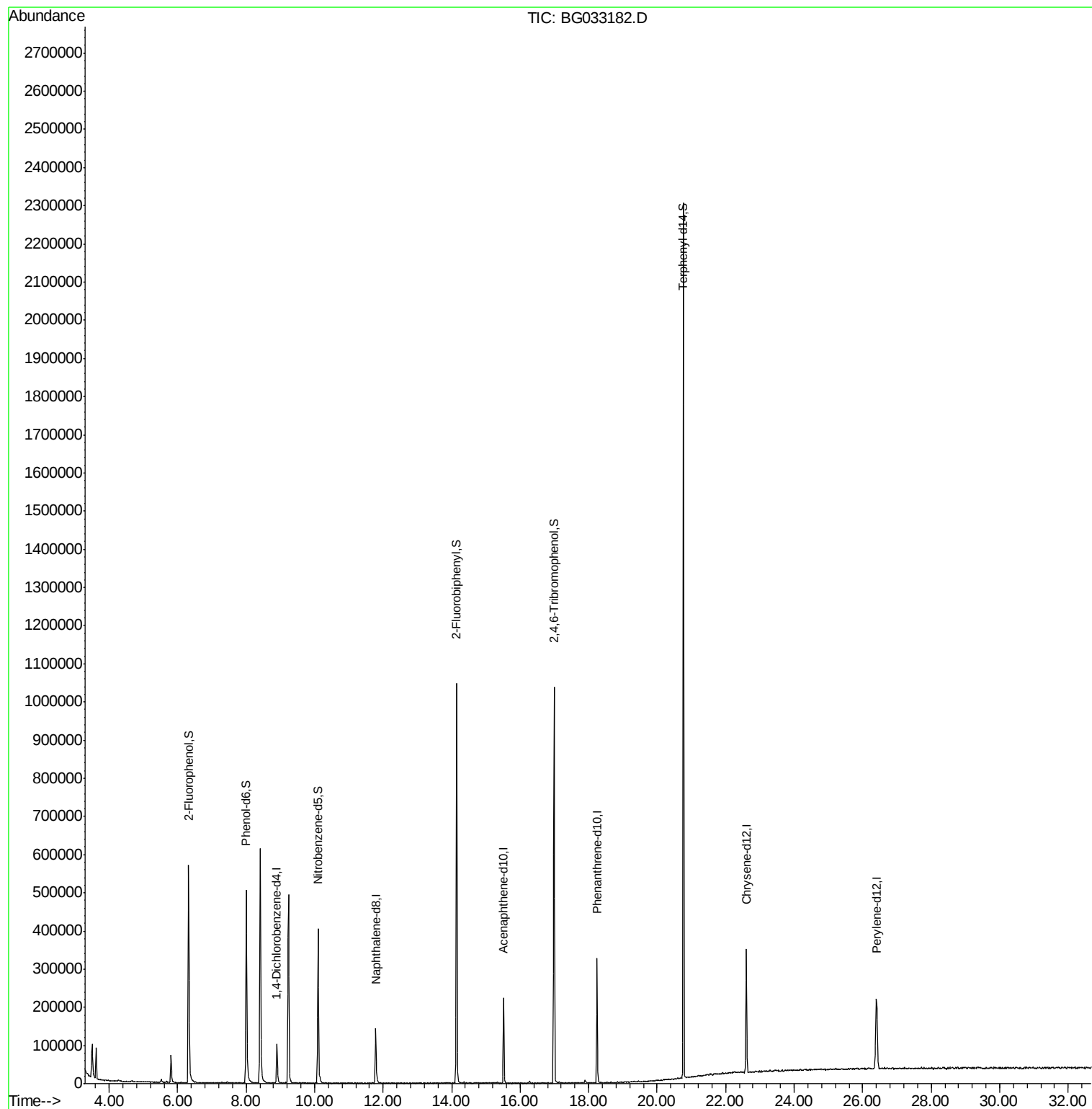
Target Compounds Qvalue

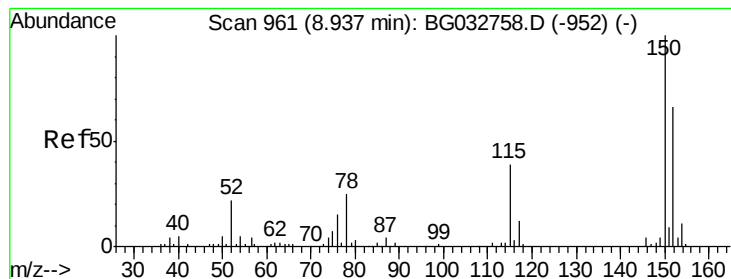
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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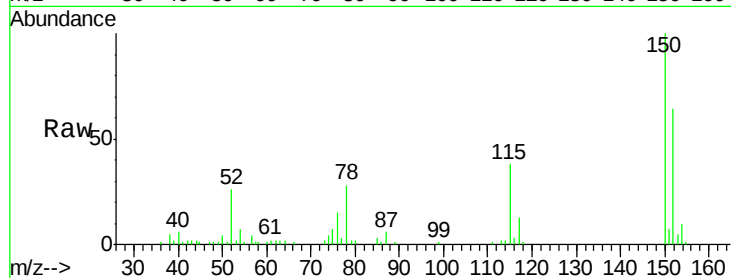


#1

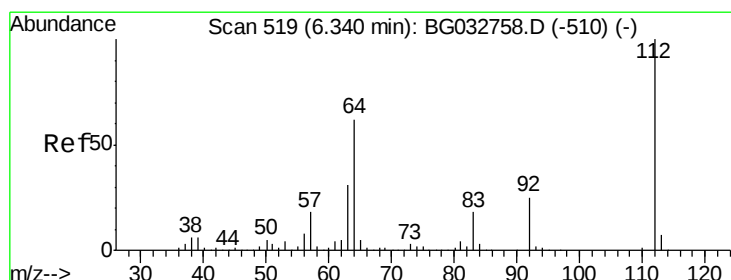
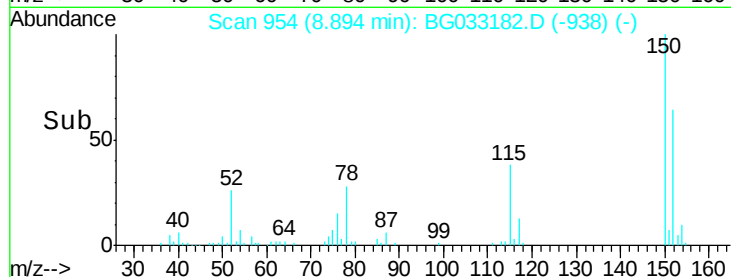
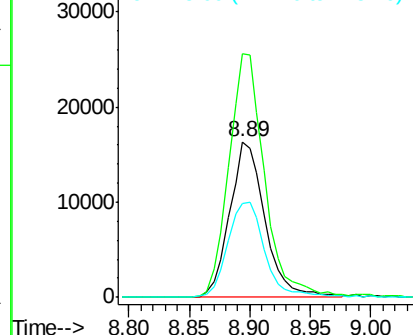
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033182.D
Acq: 15 Mar 2018 18:31

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029

Tot Ion:152 Resp: 33087
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 60.3 53.0 79.4



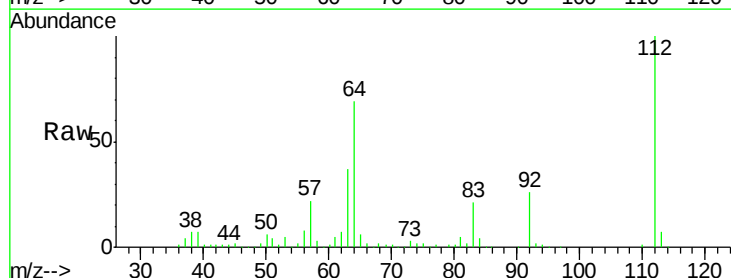
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



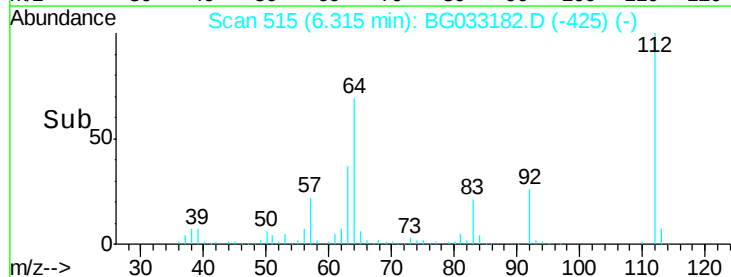
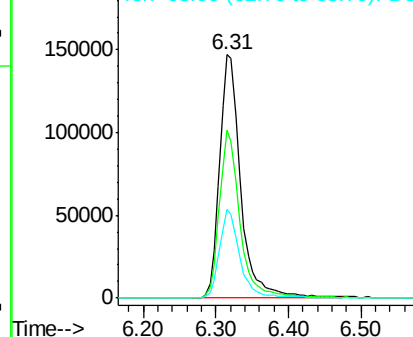
#5

2-Fluorophenol
Concen: 144.599 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033182.D
Acq: 15 Mar 2018 18:31

Tgt Ion:112 Resp: 299048
Ion Ratio Lower Upper
112 100
64 69.2 56.3 84.5
63 36.5 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: 121.762 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033182.D

Acq: 15 Mar 2018 18:31

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029

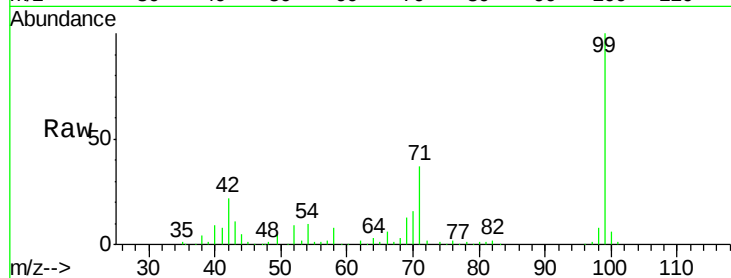
Tot Ion: 99 Resp: 351000

Ion Ratio Lower Upper

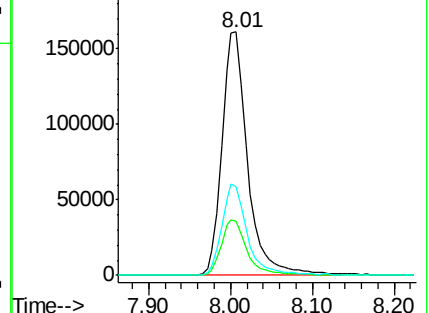
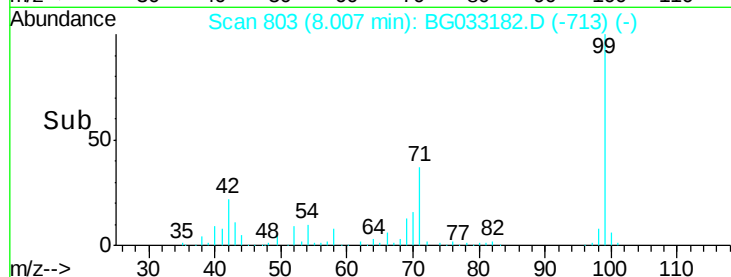
99 100

42 22.1 14.1 21.1#

71 36.6 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# 1446

Delta R.T. -0.00 min

Lab File: BG033182.D

Acq: 15 Mar 2018 18:31

Tgt Ion: 136 Resp: 144301

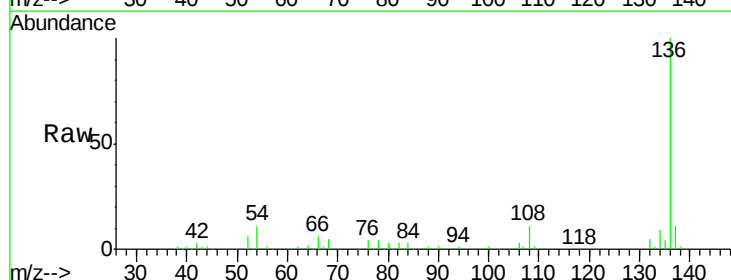
Ion Ratio Lower Upper

136 100

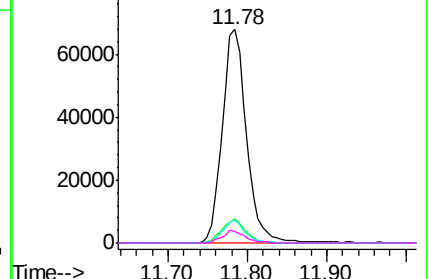
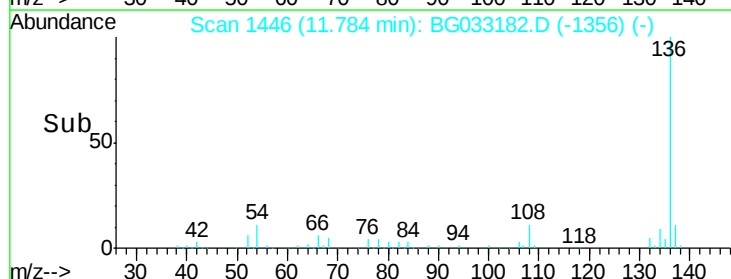
137 11.2 9.2 13.8

54 10.6 10.3 15.5

68 5.2 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: 123.498 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033182.D

Acq: 15 Mar 2018 18:31

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029

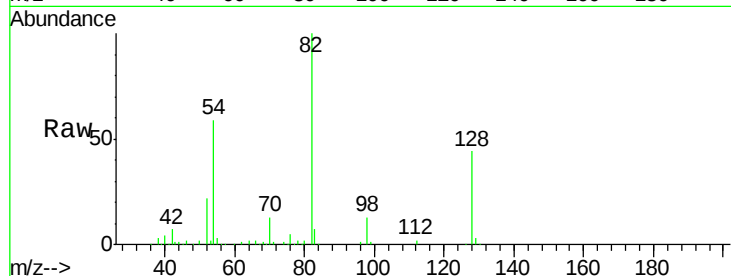
Tot Ion: 82 Resp: 267372

Ion Ratio Lower Upper

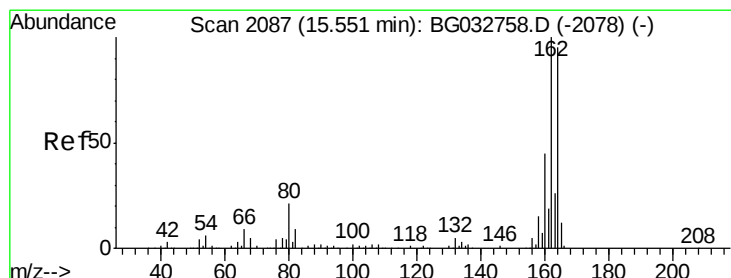
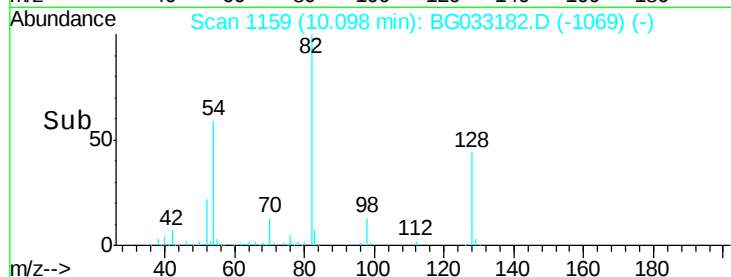
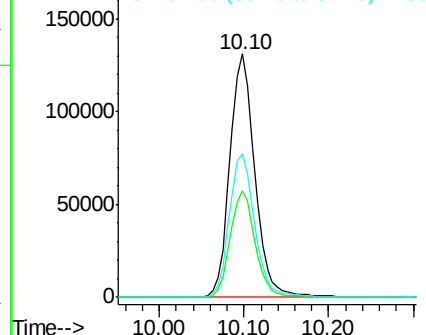
82 100

128 43.6 29.7 44.5

54 59.3 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# 2081

Delta R.T. -0.00 min

Lab File: BG033182.D

Acq: 15 Mar 2018 18:31

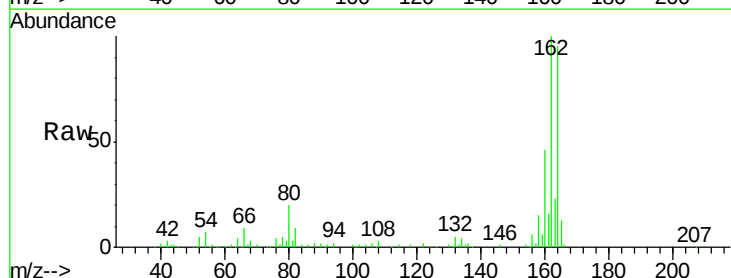
Tgt Ion:164 Resp: 80186

Ion Ratio Lower Upper

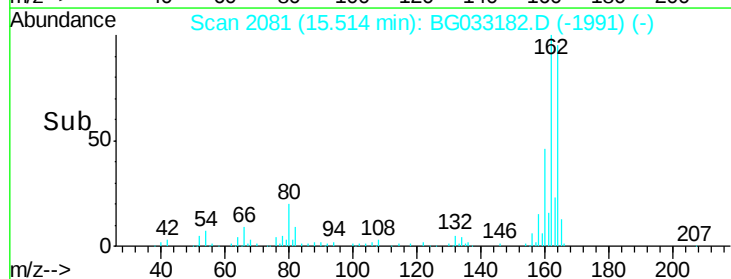
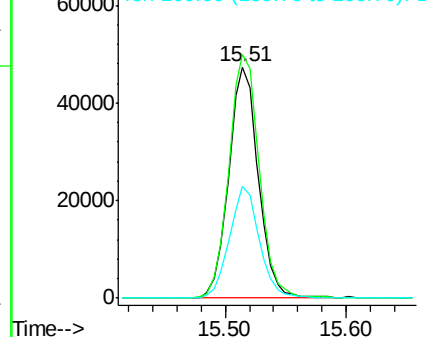
164 100

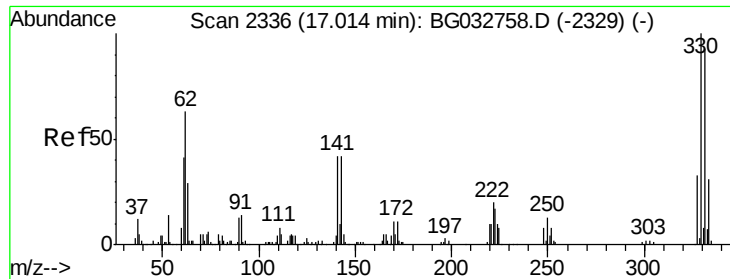
162 105.5 78.8 118.2

160 48.3 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

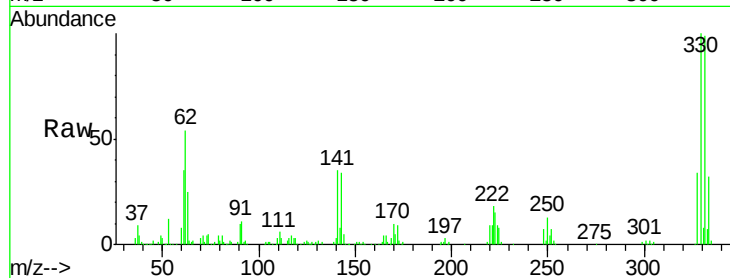




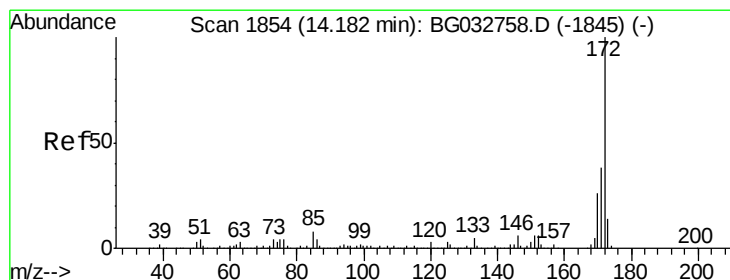
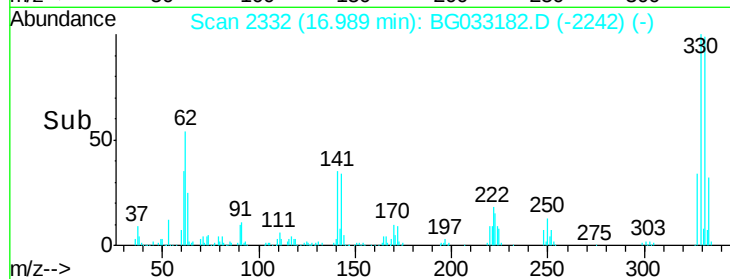
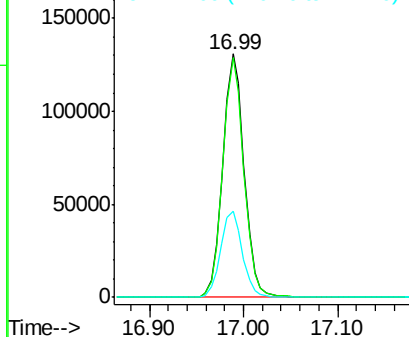
#41
 2,4,6-Tribromophenol
 Concen: 246.040 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033182.D
 Acq: 15 Mar 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL-124029

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	36.3	25.2	37.8

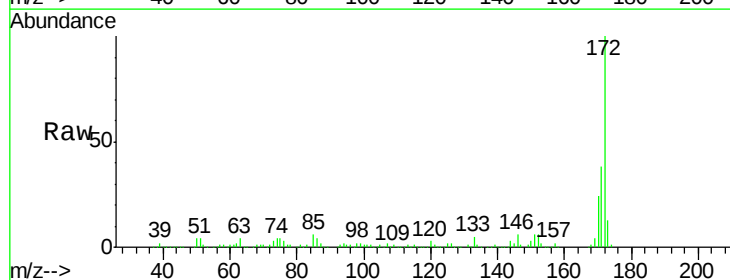


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

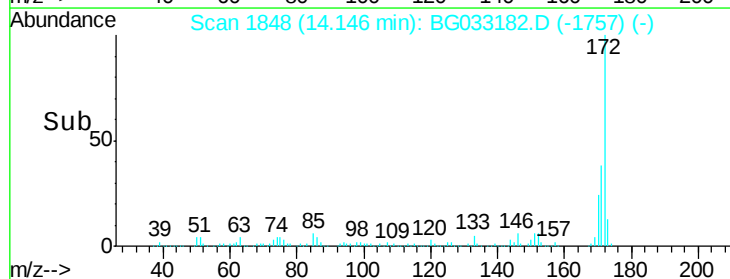
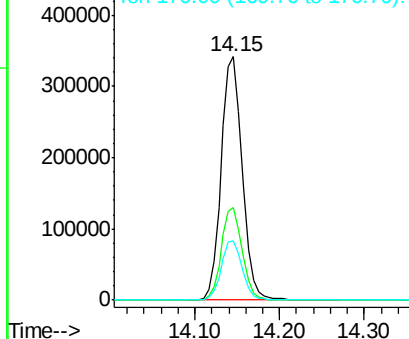


#44
 2-Fluorobiphenyl
 Concen: 106.098 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033182.D
 Acq: 15 Mar 2018 18:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.1	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

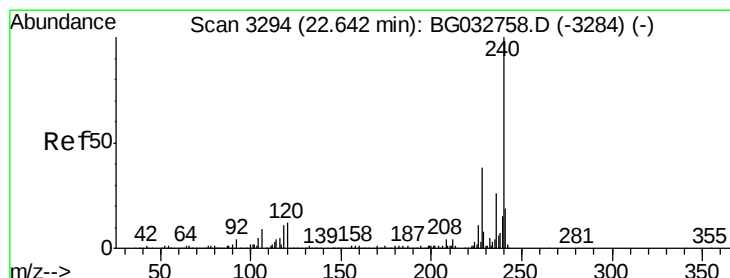
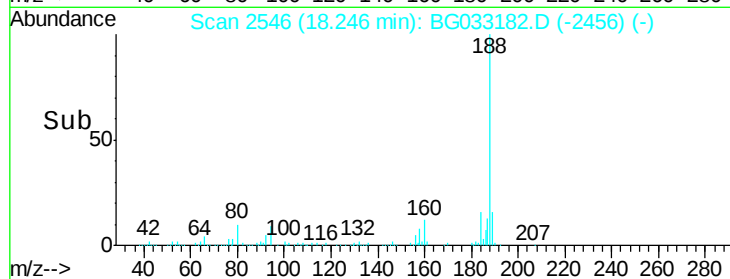
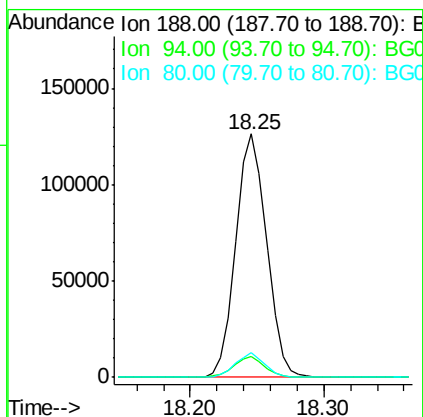
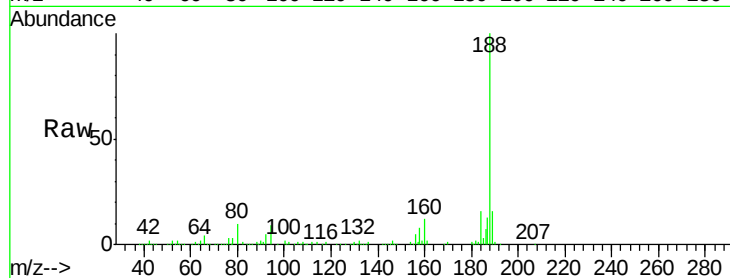




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BG033182.D
Acq: 15 Mar 2018 18:31

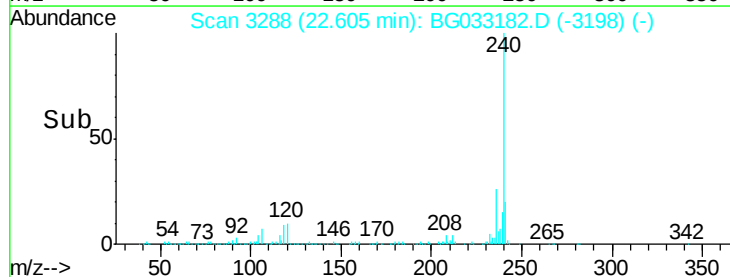
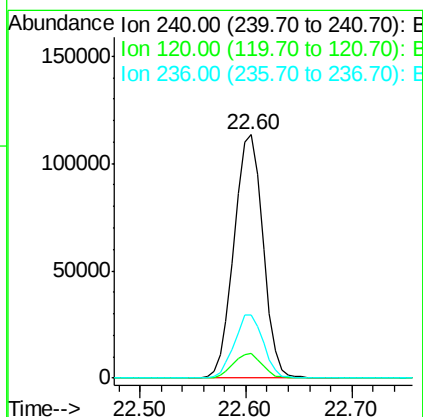
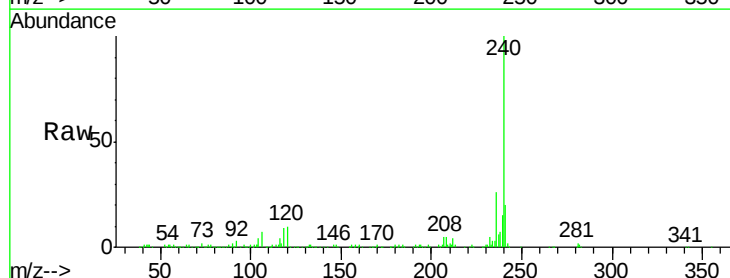
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029

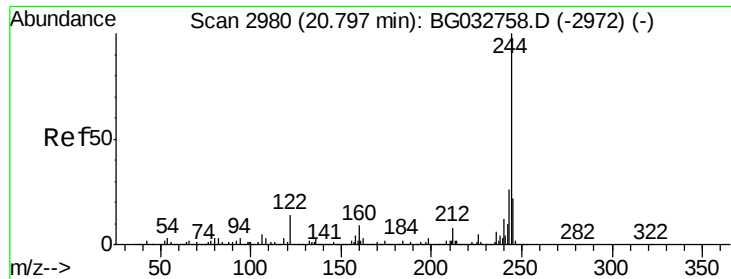
Tot Ion:188 Resp: 202627
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG033182.D
Acq: 15 Mar 2018 18:31

Tgt Ion:240 Resp: 214798
Ion Ratio Lower Upper
240 100
120 9.9 6.8 10.2
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 111.901 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033182.D

Acq: 15 Mar 2018 18:31

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029

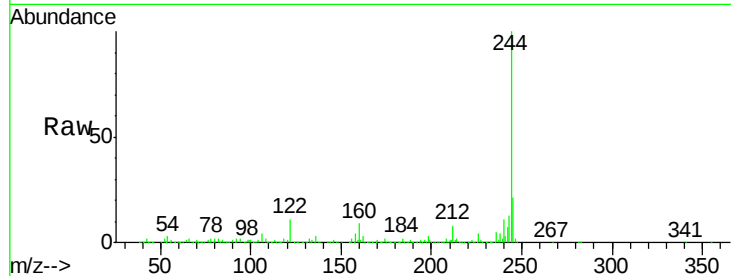
Tot Ion:244 Resp: 1069827

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

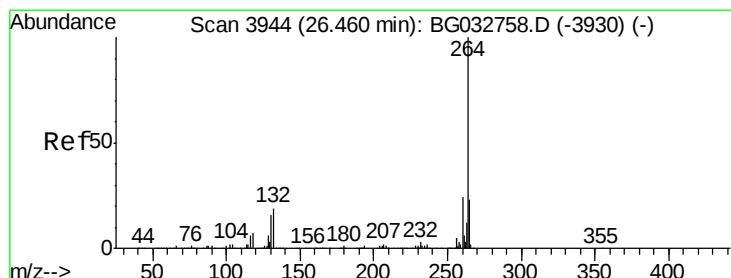
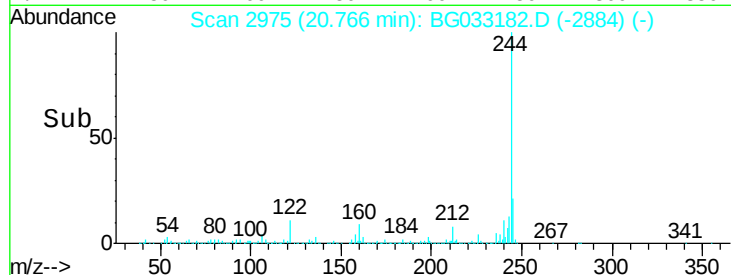
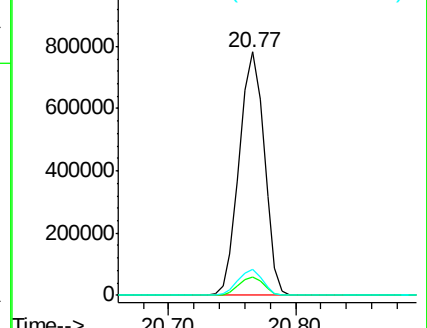
122 10.6 7.0 10.4#



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: 26.41 min Scan# 3935

Delta R.T. -0.00 min

Lab File: BG033182.D

Acq: 15 Mar 2018 18:31

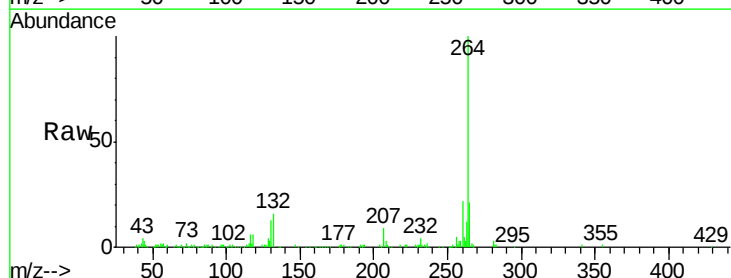
Tgt Ion:264 Resp: 235623

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 20.7 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

