

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033223.D
 Acq On : 17 Mar 2018 8:07
 Operator : SJ/JU
 Sample : J1931-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1489-1495-98-OILY-SOIL

Quant Time: Mar 19 04:32:45 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	36769	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	145926	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	104466	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	310505	20.00	ng	0.00
75) Chrysene-d12	22.59	240	334857	20.00	ng	-0.01
86) Perylene-d12	26.40	264	357202	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	291736	126.94	ng	0.00
7) Phenol-d6	7.99	99	386297	120.59	ng	-0.02
23) Nitrobenzene-d5	10.09	82	338814	152.25	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	254507	231.70	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	755967	104.37	ng	0.00
78) Terphenyl-d14	20.76	244	1617010	108.49	ng	0.00

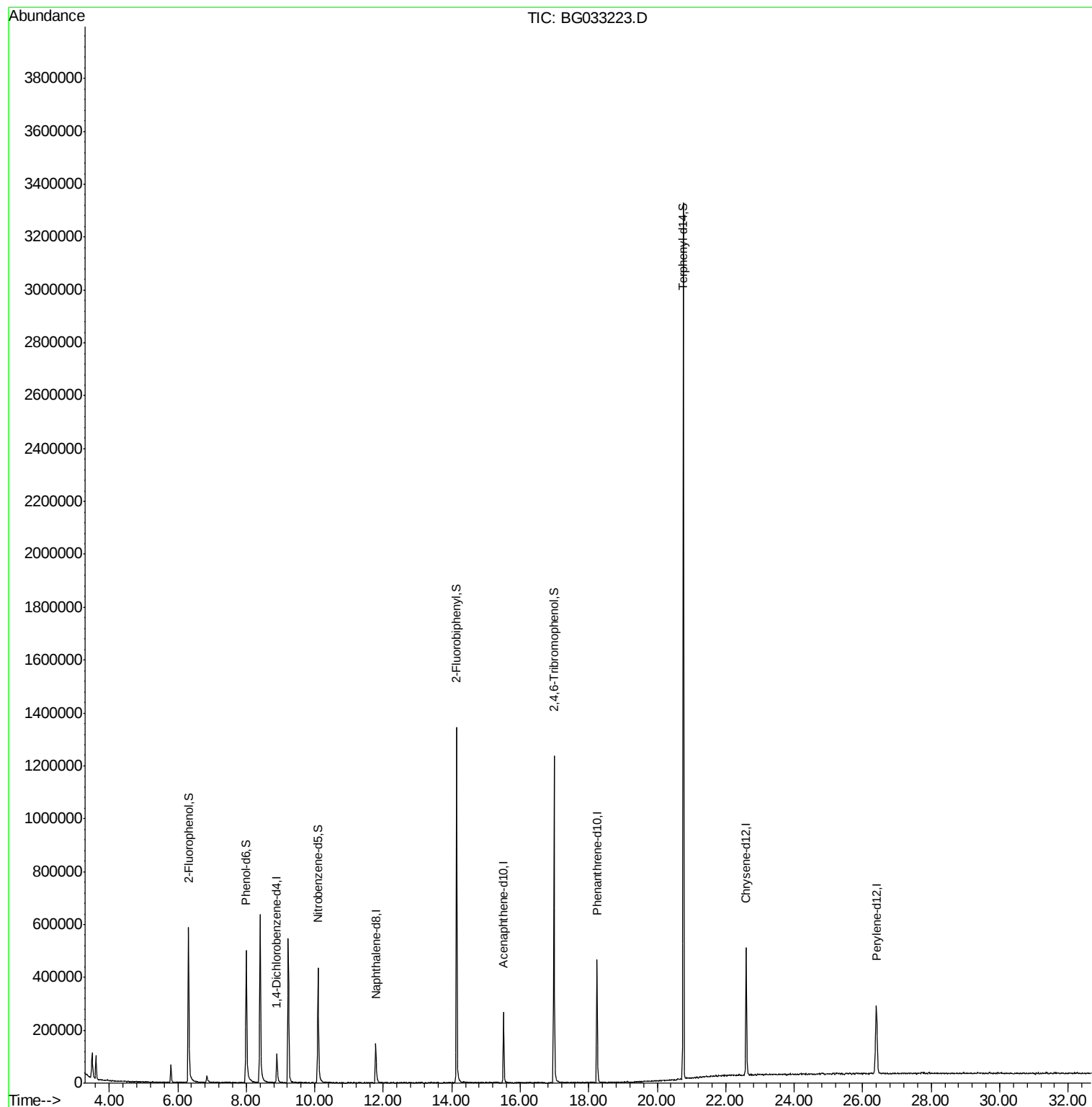
Target Compounds	Qvalue
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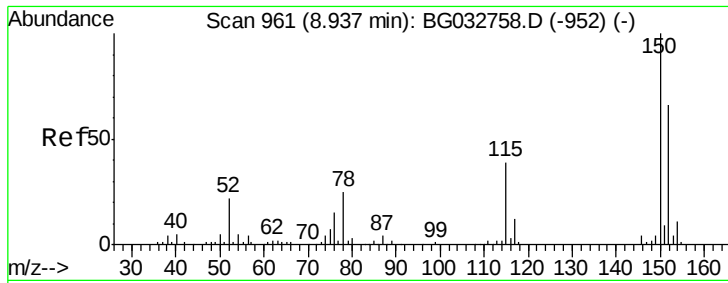
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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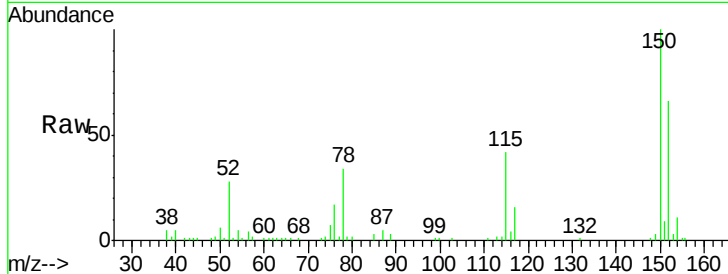


#1

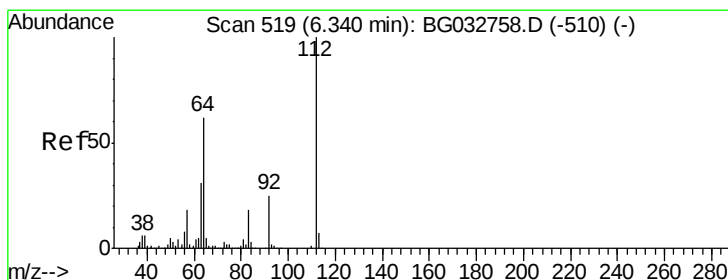
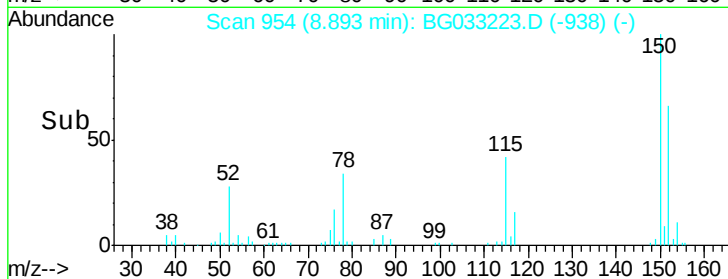
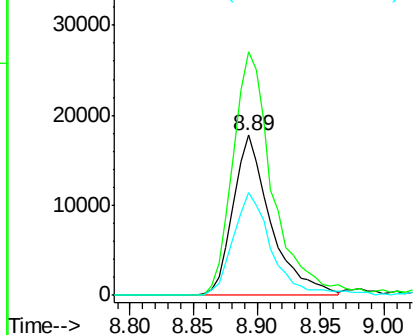
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033223.D
Acq: 17 Mar 2018 8:07

Instrument :
BNA_G
ClientSampleId :
1489-1495-98-OILY-SOIL

Tot Ion:152 Resp: 36769
Ion Ratio Lower Upper
152 100
150 151.9 126.6 189.8
115 64.0 53.0 79.4



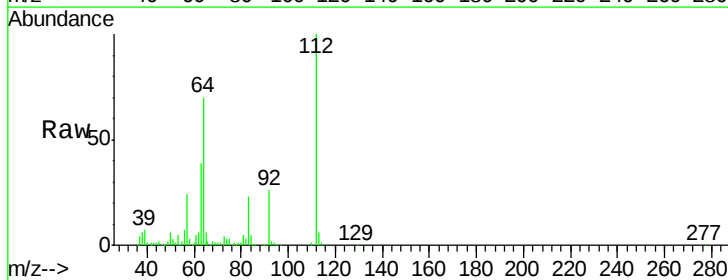
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



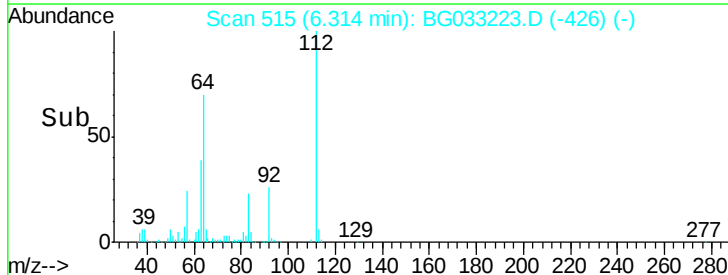
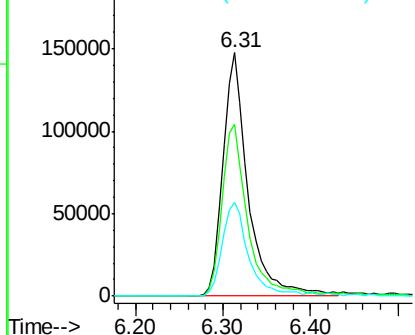
#5

2-Fluorophenol
Concen: 126.937 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033223.D
Acq: 17 Mar 2018 8:07

Tgt Ion:112 Resp: 291736
Ion Ratio Lower Upper
112 100
64 70.4 56.3 84.5
63 38.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 120.587 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.02 min

Lab File: BG033223.D

Acq: 17 Mar 2018 8:07

Instrument :

BNA_G

ClientSampleId :

1489-1495-98-OILY-SOIL

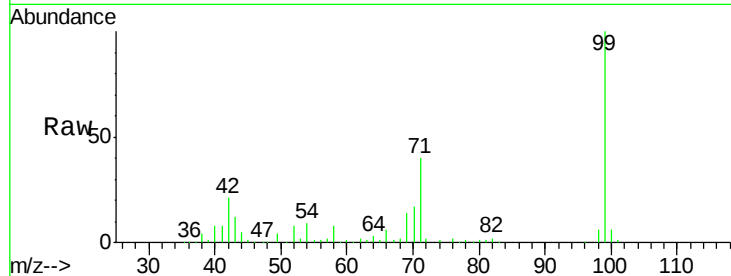
Tot Ion: 99 Resp: 386297

Ion Ratio Lower Upper

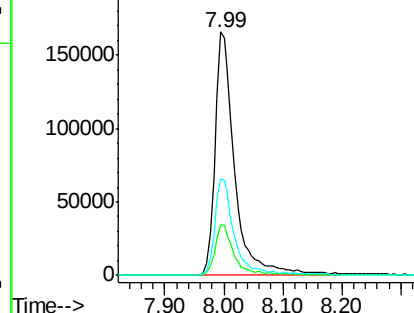
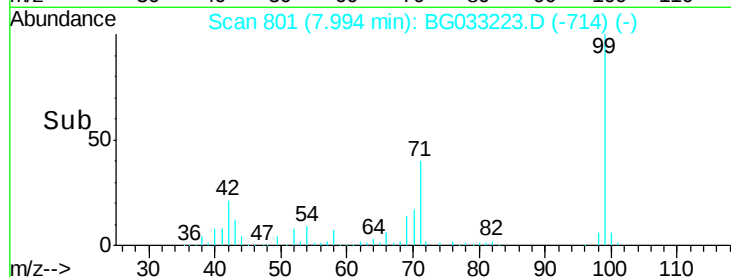
99 100

42 20.9 14.1 21.1

71 39.8 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: BG033223.D

Acq: 17 Mar 2018 8:07

Tgt Ion: 136 Resp: 145926

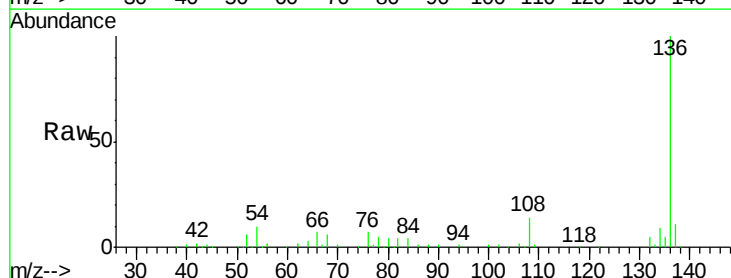
Ion Ratio Lower Upper

136 100

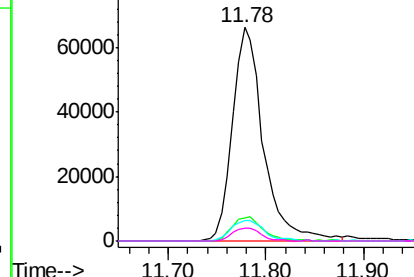
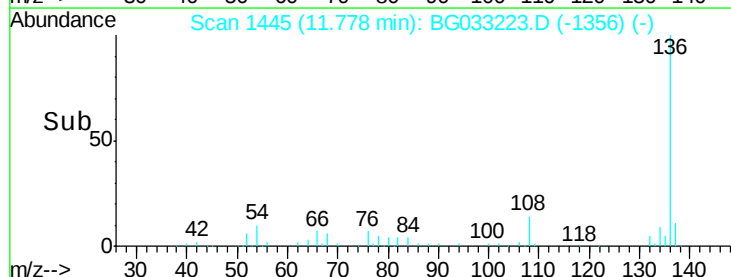
137 10.9 9.2 13.8

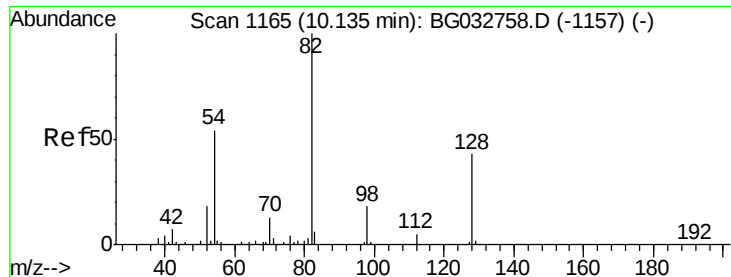
54 9.8 10.3 15.5#

68 5.7 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: 152.246 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033223.D

Acq: 17 Mar 2018 8:07

Instrument :

BNA_G

ClientSampleId :

1489-1495-98-OILY-SOIL

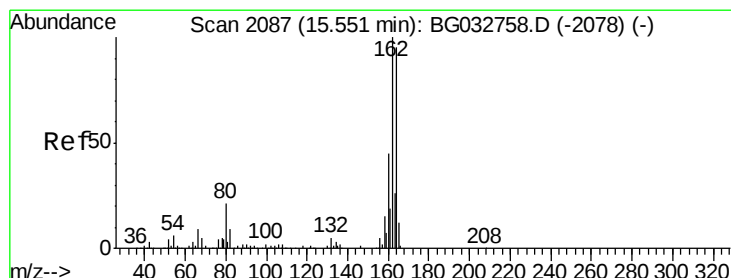
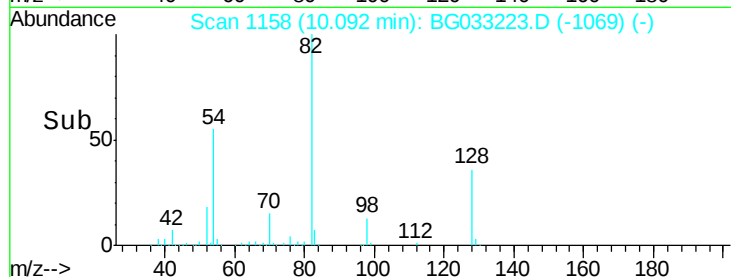
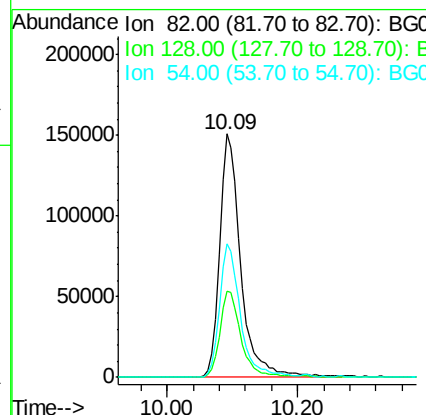
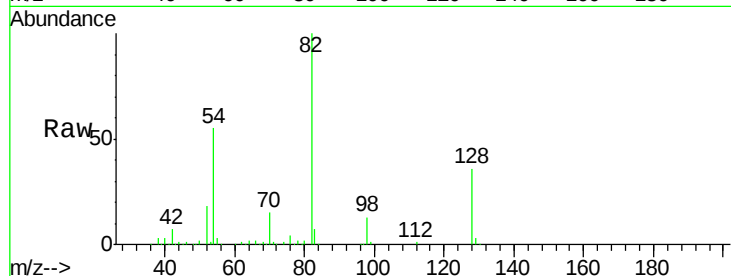
Tot Ion: 82 Resp: 338814

Ion Ratio Lower Upper

82 100

128 35.6 29.7 44.5

54 55.1 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG033223.D

Acq: 17 Mar 2018 8:07

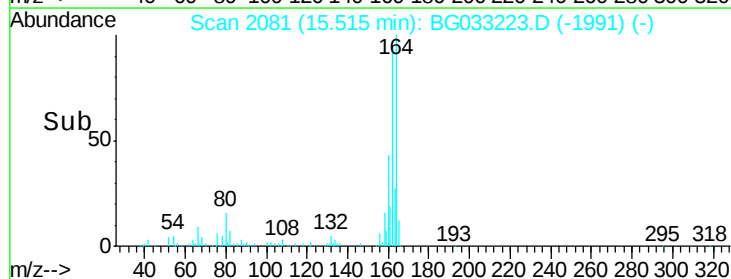
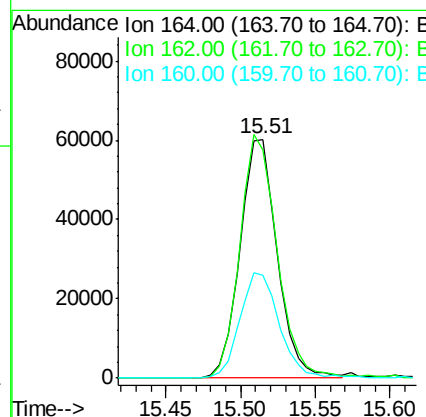
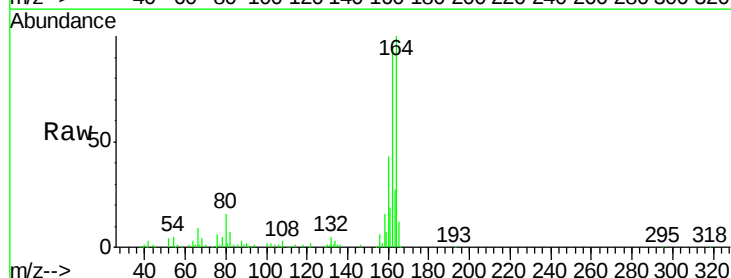
Tgt Ion: 164 Resp: 104466

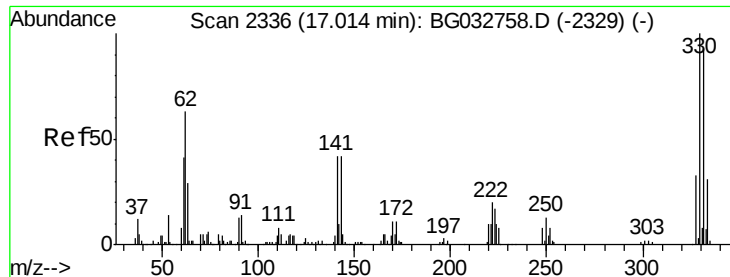
Ion Ratio Lower Upper

164 100

162 95.4 78.8 118.2

160 43.2 35.4 53.0

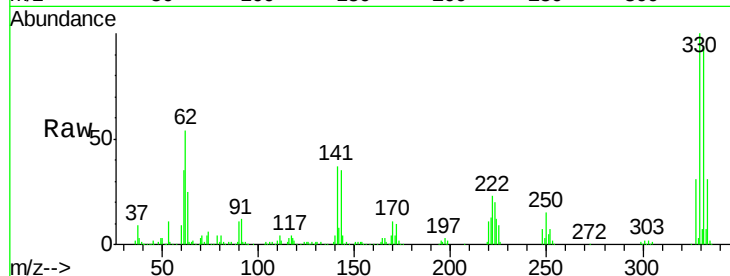




#41
 2,4,6-Tribromophenol
 Concen: 231.702 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BG033223.D
 Acq: 17 Mar 2018 8:07

Instrument :
 BNA_G
 ClientSampleId :
 1489-1495-98-OILY-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	37.1	25.2	37.8

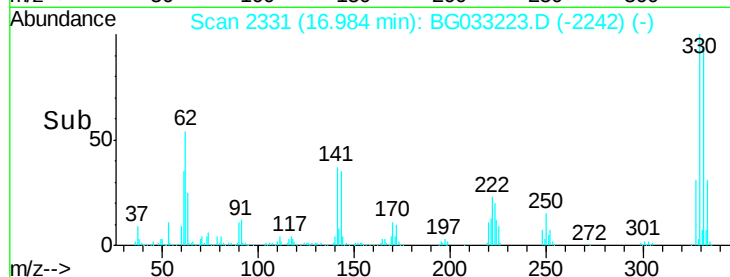
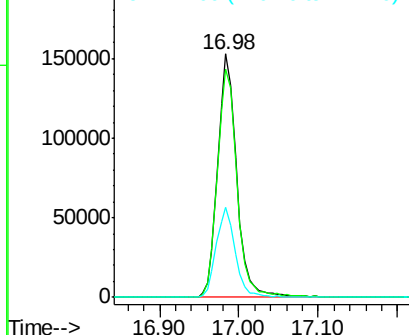


Abundance

Ion 329.80 (329.50 to 330.50): E

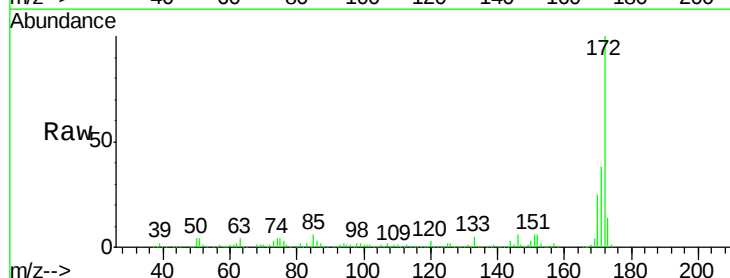
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.368 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033223.D
 Acq: 17 Mar 2018 8:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.8	19.5	29.3

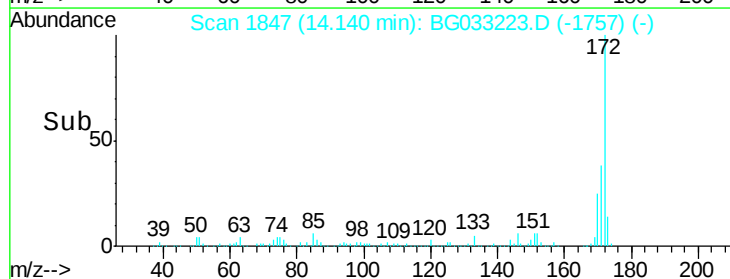
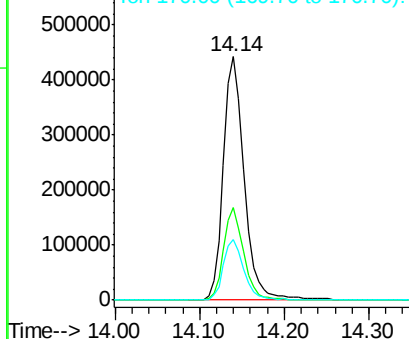


Abundance

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

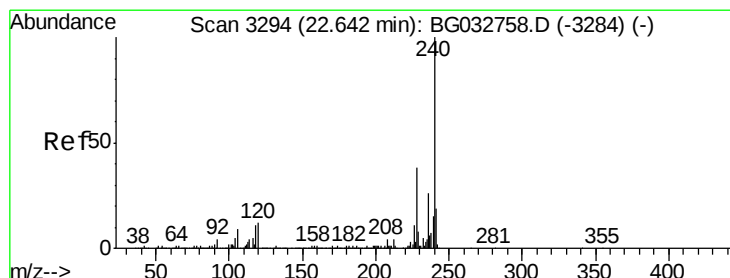
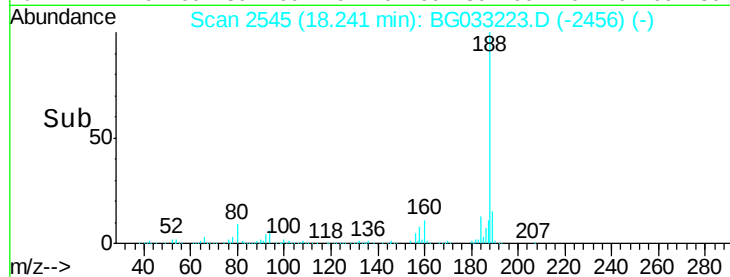
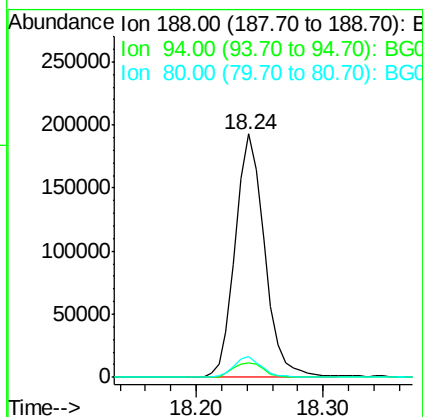
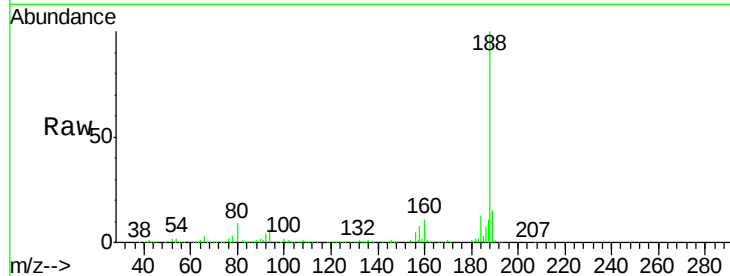




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BG033223.D
Acq: 17 Mar 2018 8:07

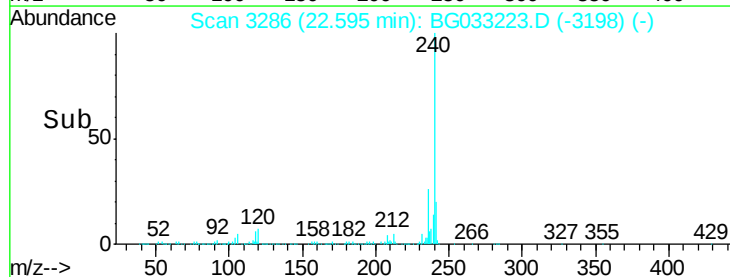
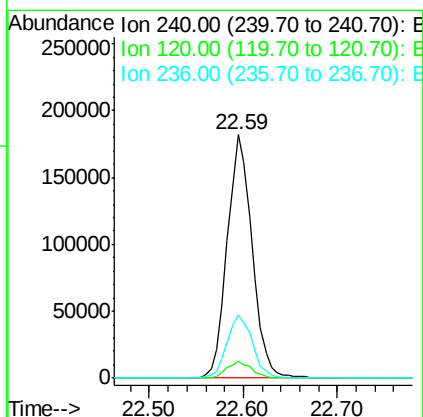
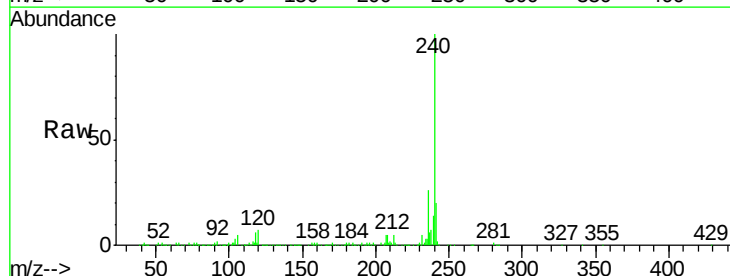
Instrument :
BNA_G
ClientSampleId :
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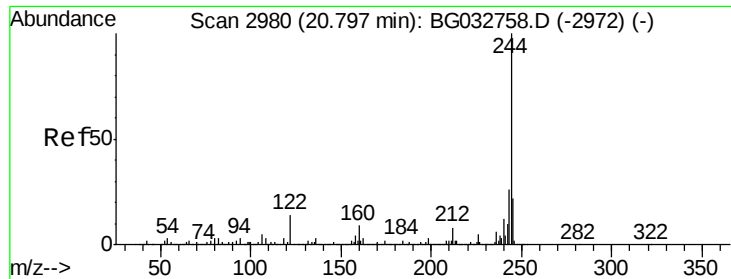
Tot Ion:188 Resp: 310505
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 8.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG033223.D
Acq: 17 Mar 2018 8:07

Tgt Ion:240 Resp: 334857
Ion Ratio Lower Upper
240 100
120 6.8 6.8 10.2
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 108.494 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033223.D

Acq: 17 Mar 2018 8:07

Instrument :

BNA_G

ClientSampleId :

1489-1495-98-OILY-SOIL

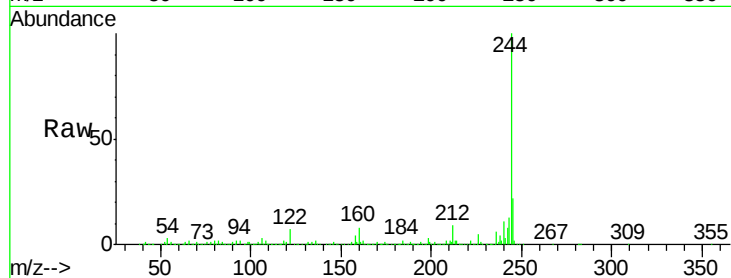
Tot Ion:244 Resp: 1617010

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

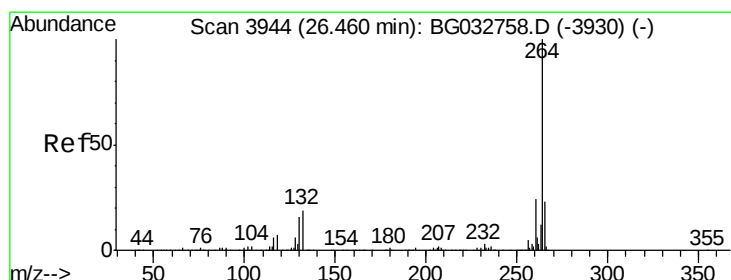
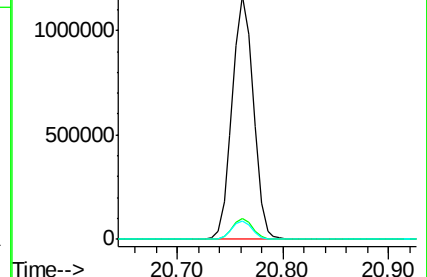
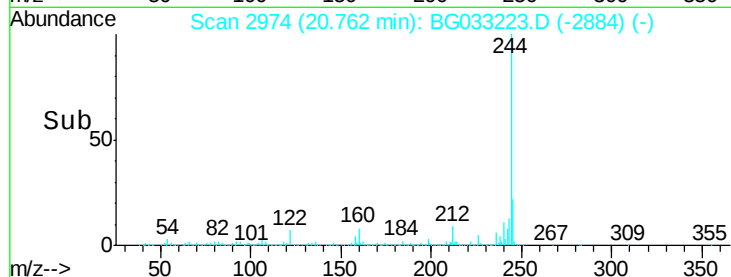
122 7.3 7.0 10.4



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. -0.01 min

Lab File: BG033223.D

Acq: 17 Mar 2018 8:07

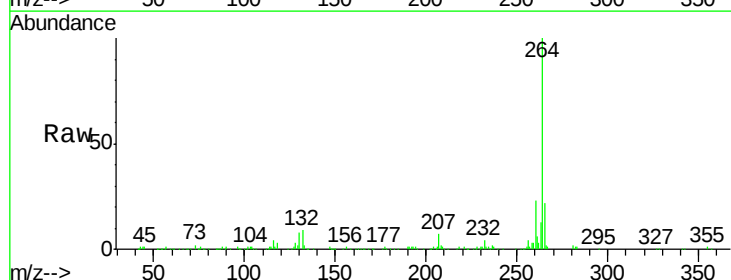
Tgt Ion:264 Resp: 357202

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.5 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

