

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033221.D
 Acq On : 17 Mar 2018 6:52
 Operator : SJ/JU
 Sample : J1931-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1503-07-OILY-SOIL

Quant Time: Mar 19 04:24:23 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	8.90	152	34794	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	144982	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	102692	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	305351	20.00	ng	0.00
75) Chrysene-d12	22.60	240	331516	20.00	ng	-0.01
86) Perylene-d12	26.39	264	295534	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	310043	142.56	ng	0.00
7) Phenol-d6	8.00	99	408003	134.59	ng	0.00
23) Nitrobenzene-d5	10.10	82	351163	158.39	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	270139	250.18	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	779890	109.53	ng	0.00
78) Terphenyl-d14	20.76	244	1671943	113.31	ng	0.00

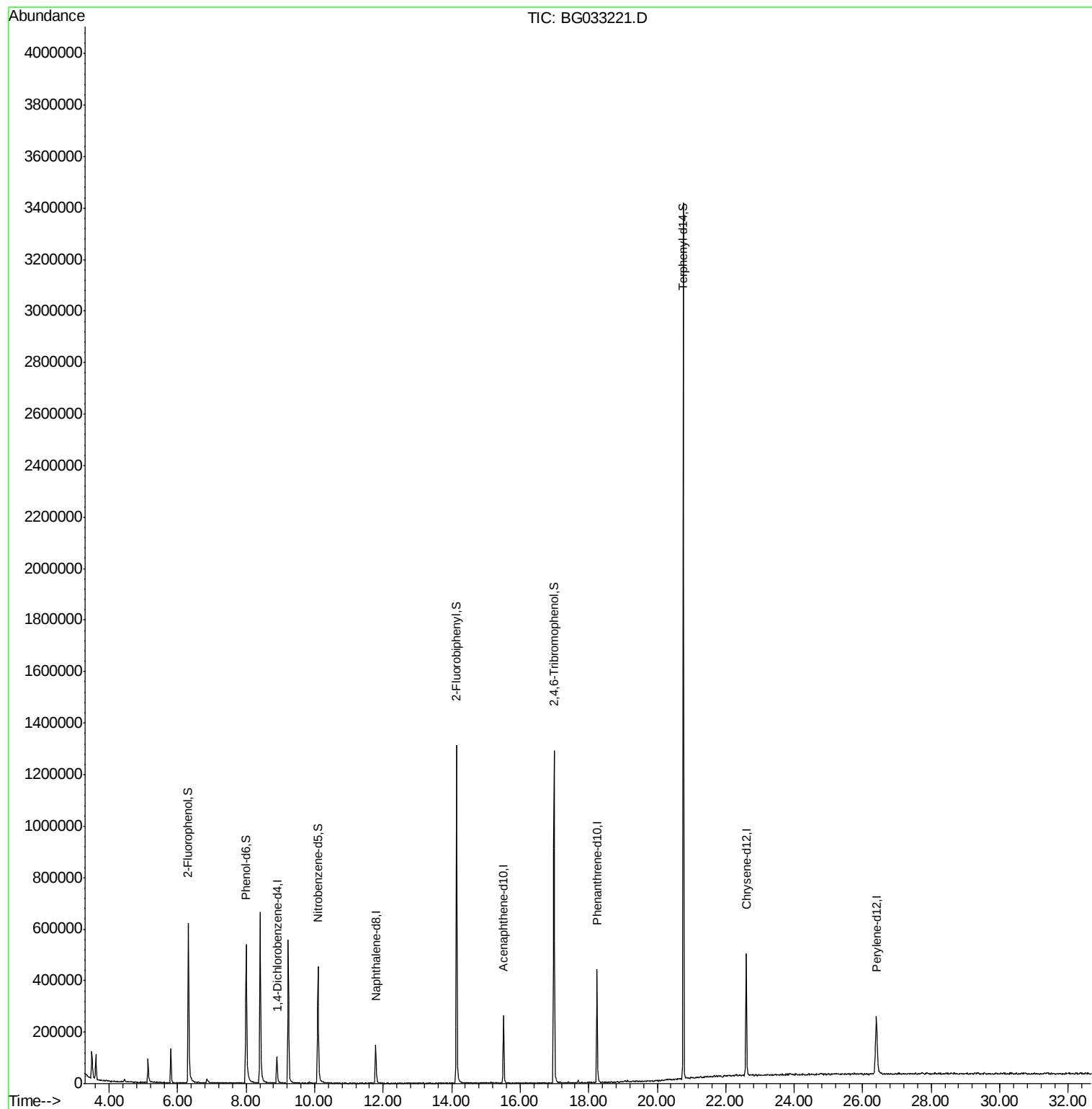
Target Compounds Qvalue

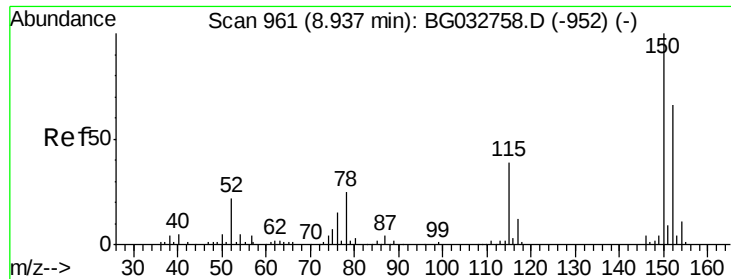
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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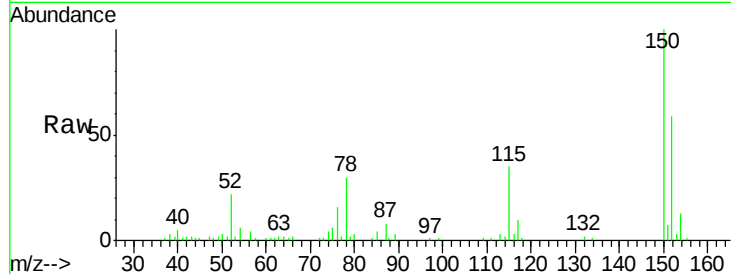


#1

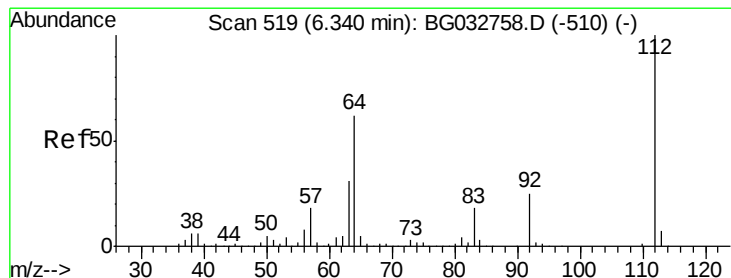
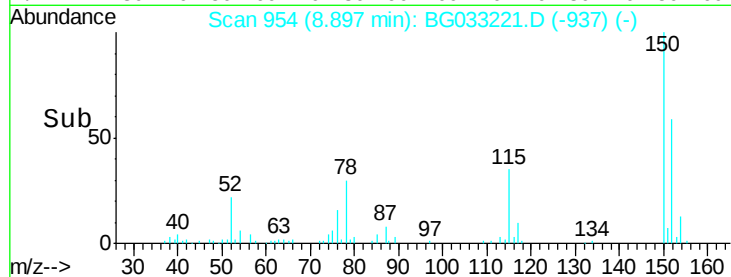
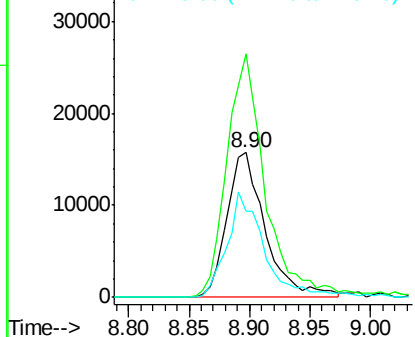
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033221.D
Acq: 17 Mar 2018 6:52

Instrument :
BNA_G
ClientSampleId :
1503-07-OILY-SOIL

Tot Ion:152 Resp: 34794
Ion Ratio Lower Upper
152 100
150 168.2 126.6 189.8
115 59.3 53.0 79.4



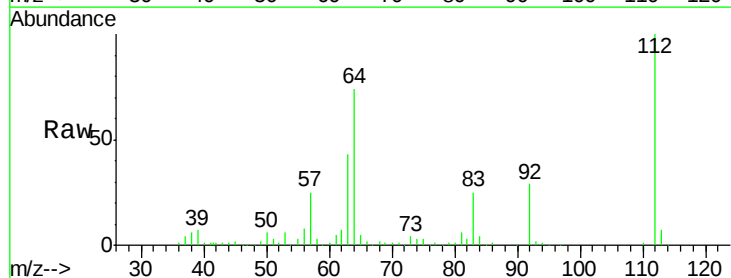
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



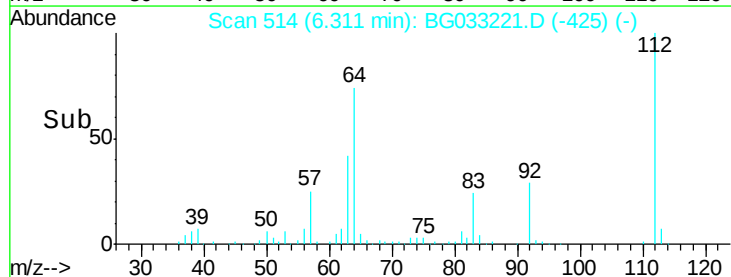
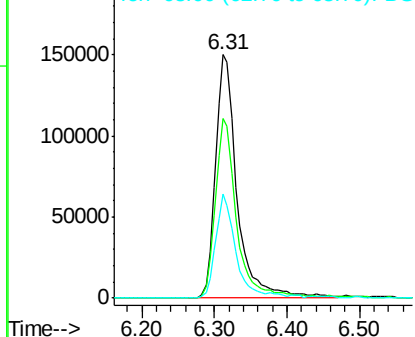
#5

2-Fluorophenol
Concen: 142.560 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.01 min
Lab File: BG033221.D
Acq: 17 Mar 2018 6:52

Tgt Ion:112 Resp: 310043
Ion Ratio Lower Upper
112 100
64 73.9 56.3 84.5
63 42.6 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: 134.592 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033221.D

Acq: 17 Mar 2018 6:52

Instrument :

BNA_G

ClientSampleId :

1503-07-OILY-SOIL

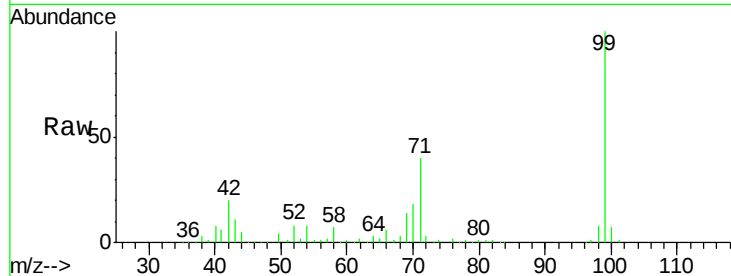
Tot Ion: 99 Resp: 408003

Ion Ratio Lower Upper

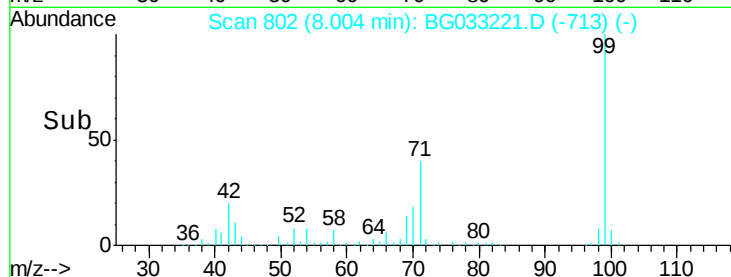
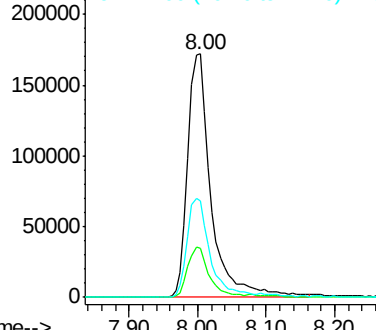
99 100

42 20.3 14.1 21.1

71 39.5 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: BG033221.D

Acq: 17 Mar 2018 6:52

Tgt Ion: 136 Resp: 144982

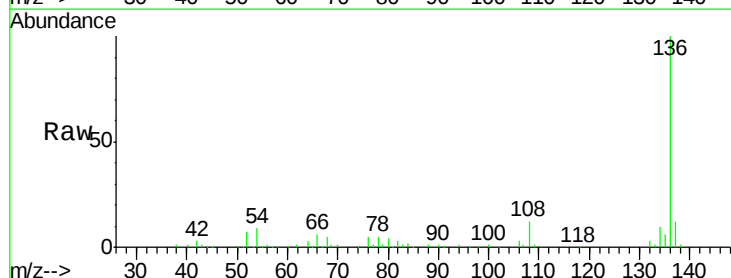
Ion Ratio Lower Upper

136 100

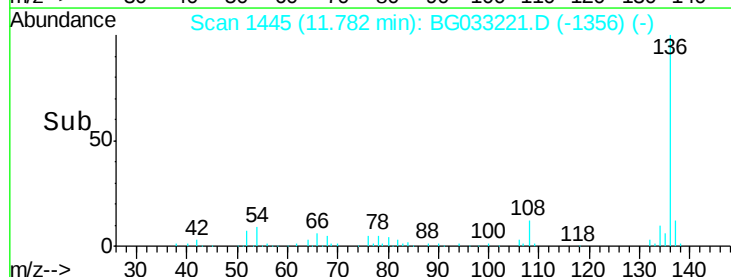
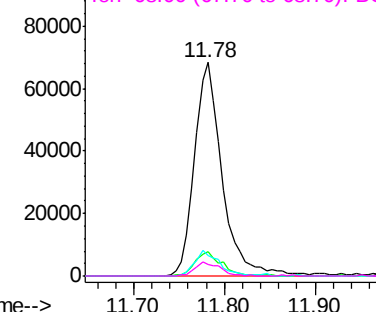
137 11.7 9.2 13.8

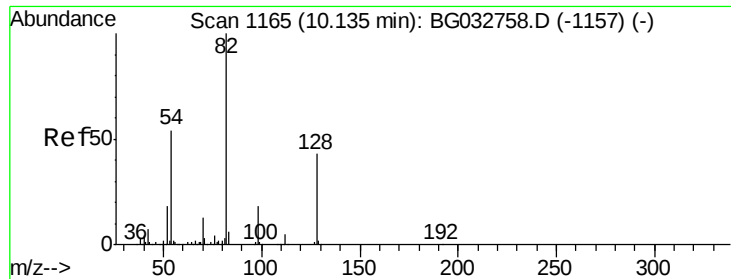
54 9.4 10.3 15.5#

68 6.2 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

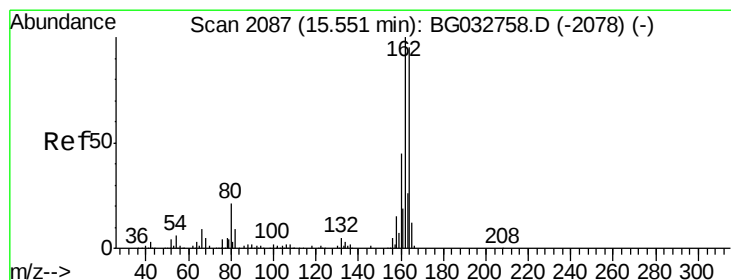
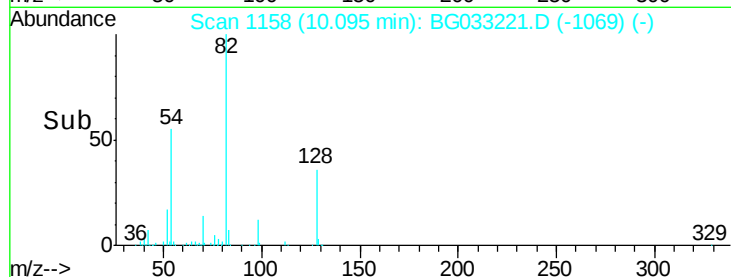
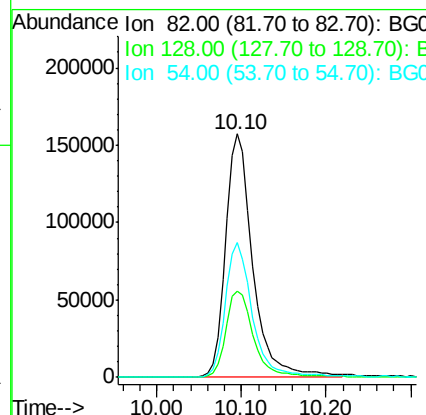
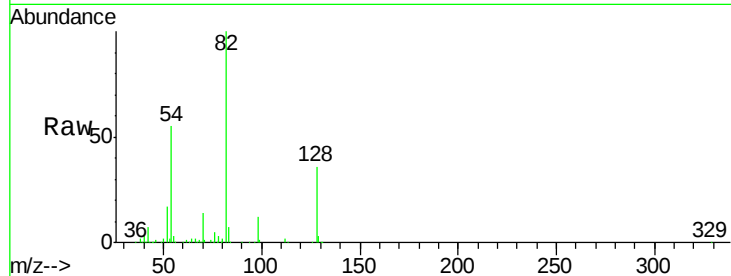




#23
 Nitrobenzene-d5
 Concen: 158.394 ng
 RT: 10.10 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BG033221.D
 Acq: 17 Mar 2018 6:52

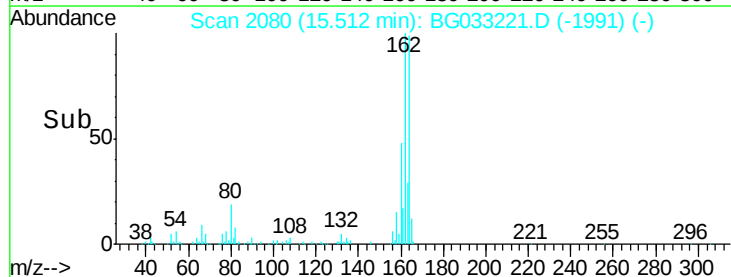
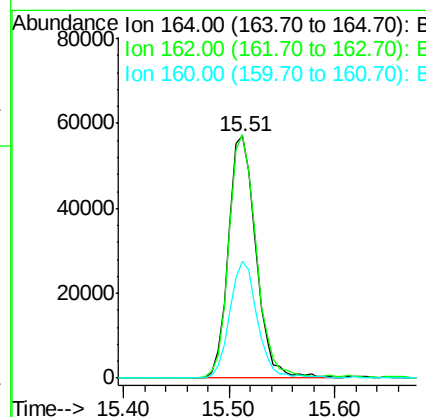
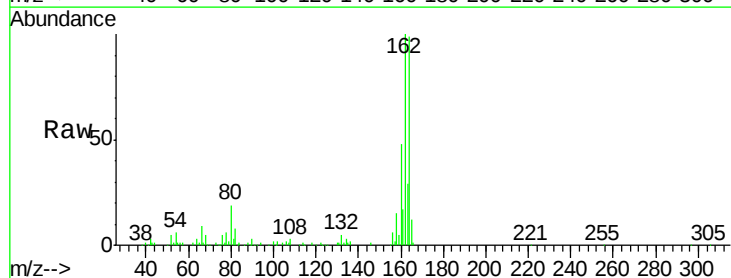
Instrument :
 BNA_G
 ClientSampleId :
 1503-07-OILY-SOIL

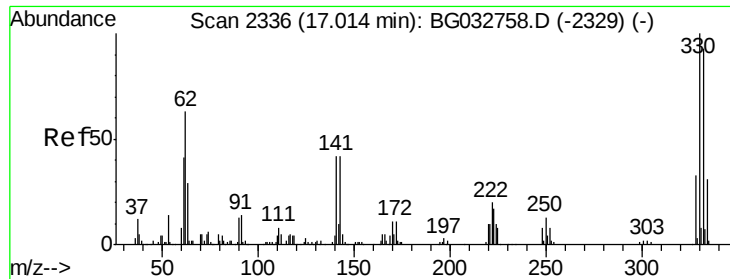
Tot Ion: 82 Resp: 351163
 Ion Ratio Lower Upper
 82 100
 128 35.6 29.7 44.5
 54 55.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG033221.D
 Acq: 17 Mar 2018 6:52

Tgt Ion:164 Resp: 102692
 Ion Ratio Lower Upper
 164 100
 162 100.7 78.8 118.2
 160 48.6 35.4 53.0

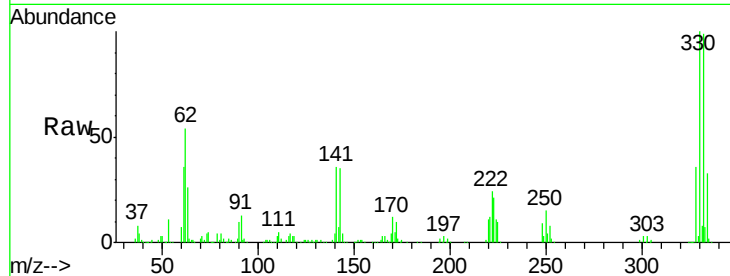




#41
 2,4,6-Tribromophenol
 Concen: 250.182 ng
 RT: 16.99 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BG033221.D
 Acq: 17 Mar 2018 6:52

Instrument :
 BNA_G
 ClientSampleId :
 1503-07-OILY-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	36.0	25.2	37.8

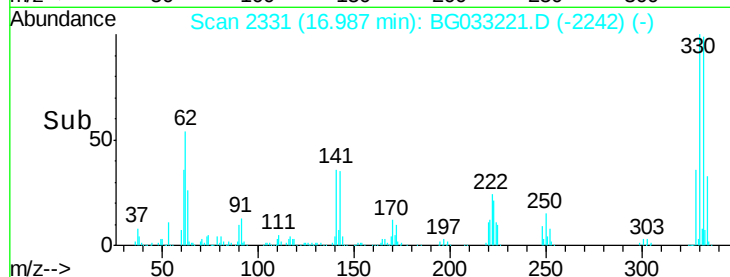
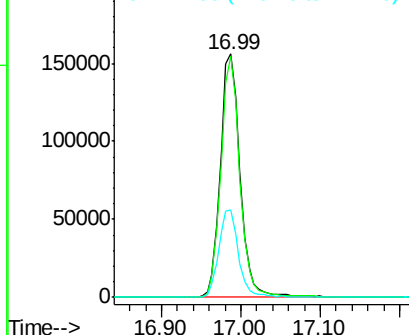


Abundance

Ion 329.80 (329.50 to 330.50): E

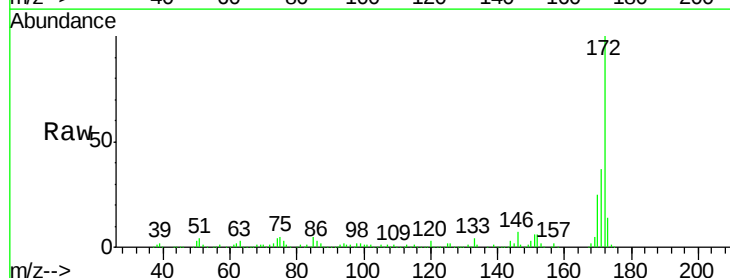
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 109.531 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BG033221.D
 Acq: 17 Mar 2018 6:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.7	19.5	29.3

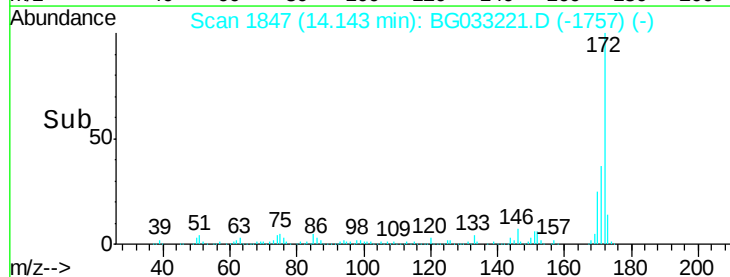
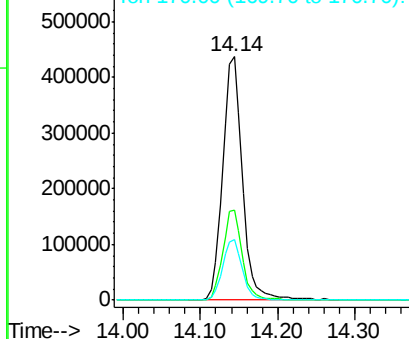


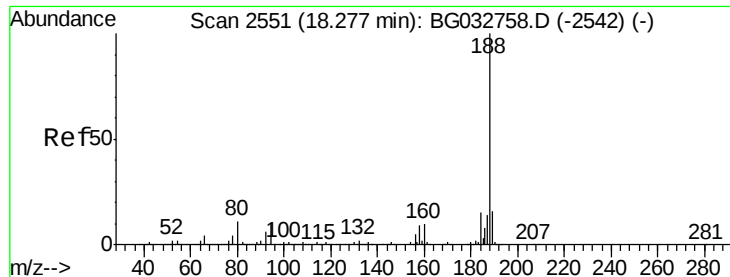
Abundance

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

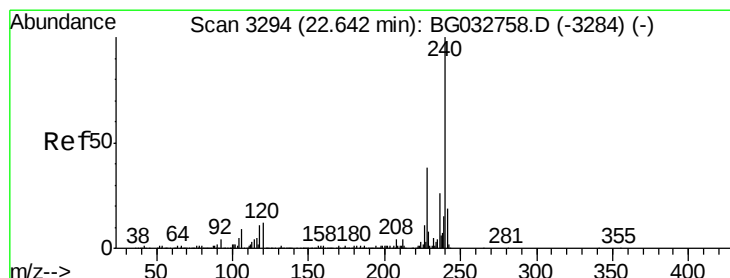
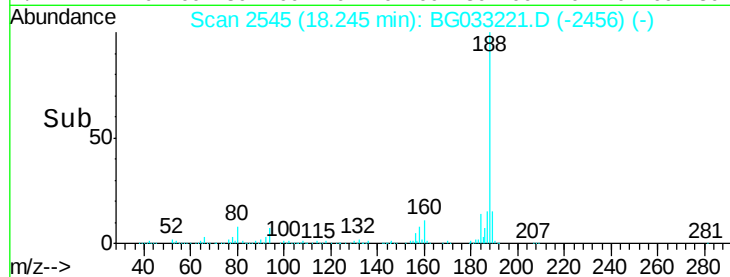
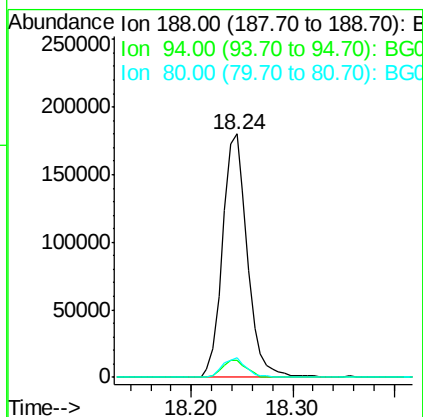
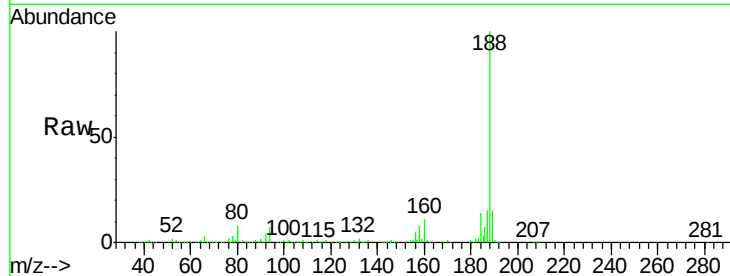




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BG033221.D
Acq: 17 Mar 2018 6:52

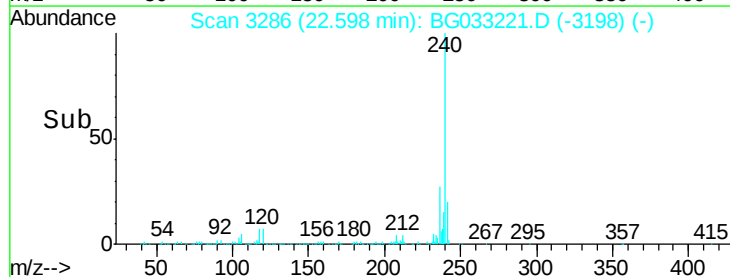
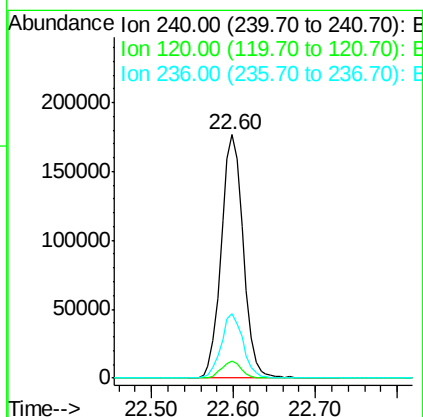
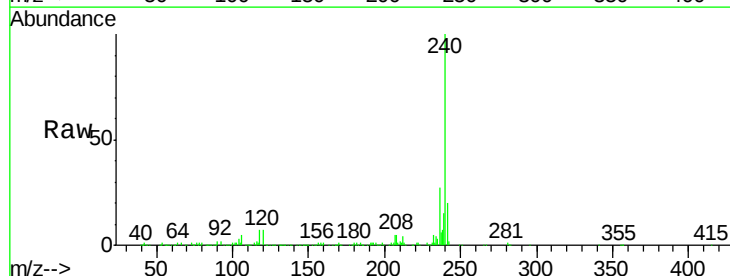
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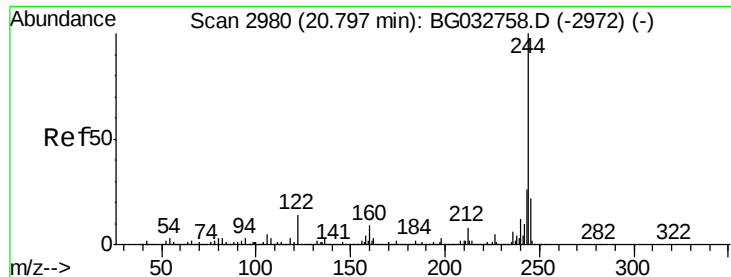
Tot Ion:188 Resp: 305351
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 8.2 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG033221.D
Acq: 17 Mar 2018 6:52

Tgt Ion:240 Resp: 331516
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 113.310 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033221.D

Acq: 17 Mar 2018 6:52

Instrument :

BNA_G

ClientSampleId :

1503-07-OILY-SOIL

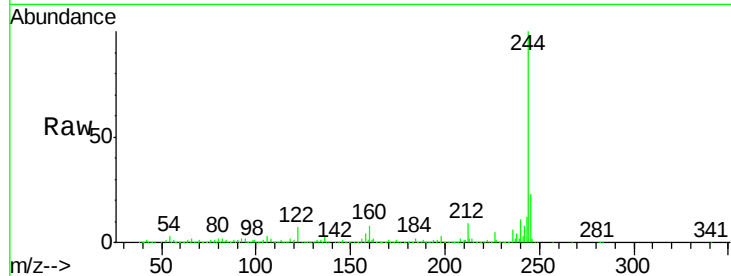
Tot Ion:244 Resp: 1671943

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

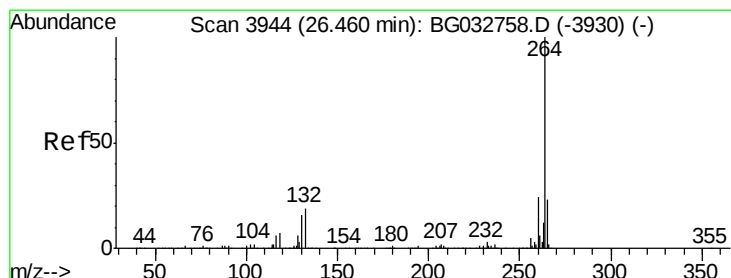
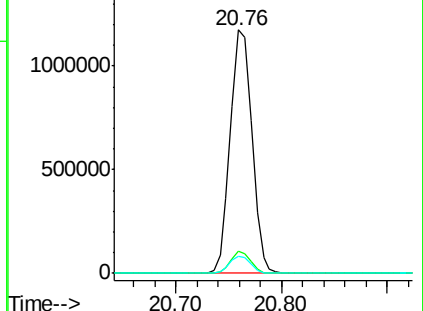
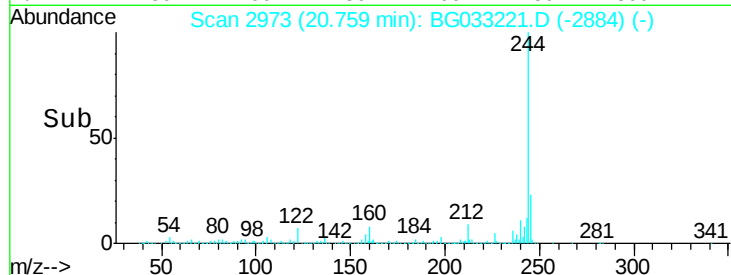
122 7.2 7.0 10.4



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: 26.39 min Scan# 3932

Delta R.T. -0.02 min

Lab File: BG033221.D

Acq: 17 Mar 2018 6:52

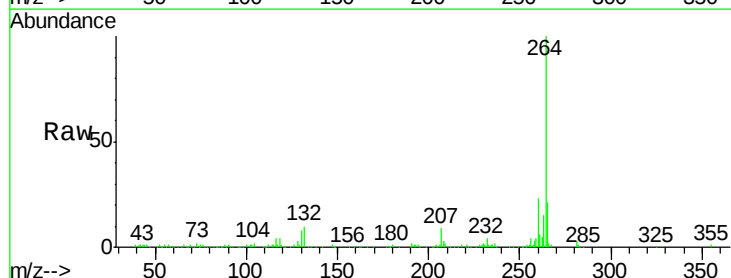
Tgt Ion:264 Resp: 295534

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.4 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

