

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033225.D
 Acq On : 17 Mar 2018 9:22
 Operator : SJ/JU
 Sample : J1931-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1480-OILY-DEBRIS

Quant Time: Mar 19 04:38:38 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	44596	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	172033	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	125946	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	367250	20.00	ng	0.00
75) Chrysene-d12	22.60	240	392454	20.00	ng	-0.01
86) Perylene-d12	26.40	264	421341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	374464	134.34	ng	0.00
7) Phenol-d6	8.00	99	490951	126.36	ng	-0.01
23) Nitrobenzene-d5	10.09	82	389808	148.82	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	338223	255.40	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	901002	103.18	ng	0.00
78) Terphenyl-d14	20.76	244	1856849	106.30	ng	0.00

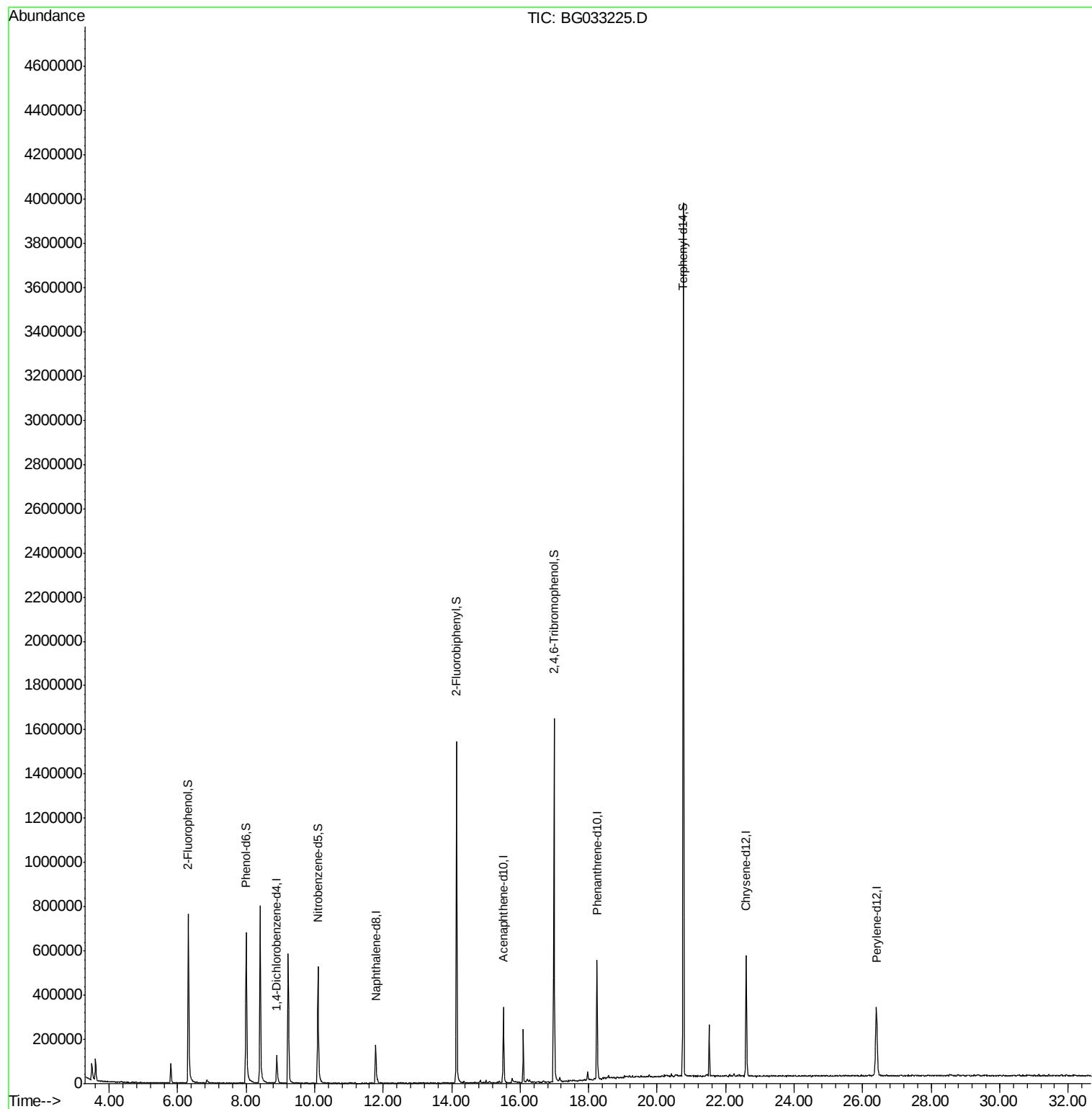
Target Compounds Qvalue

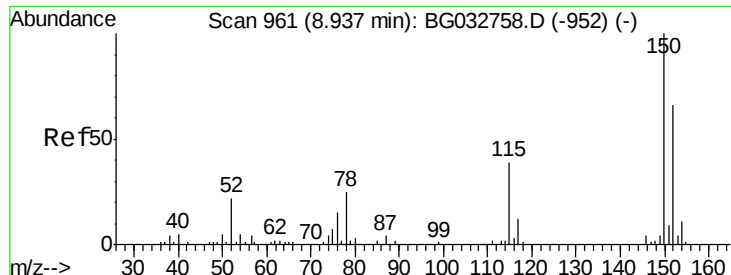
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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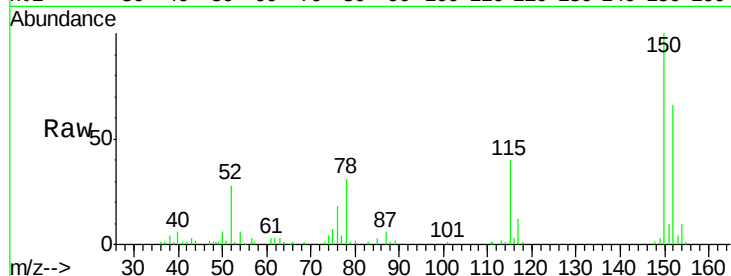


#1

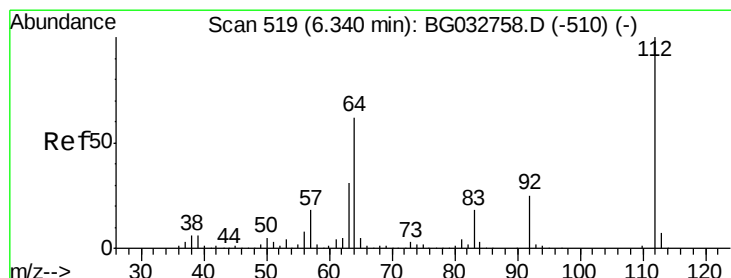
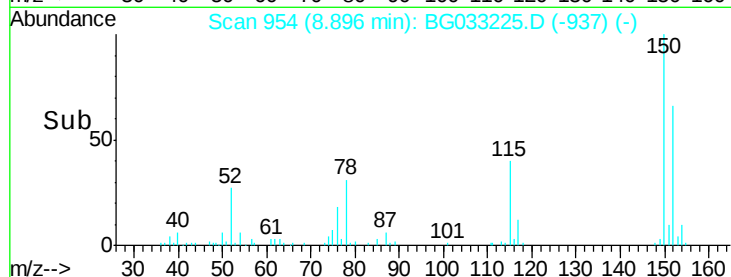
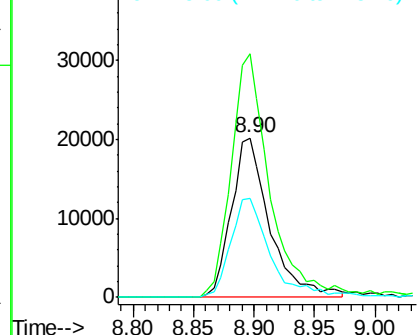
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033225.D
Acq: 17 Mar 2018 9:22

Instrument :
BNA_G
ClientSampleId :
1480-OILY-DEBRIS

Tot Ion:152 Resp: 44596
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 61.6 53.0 79.4



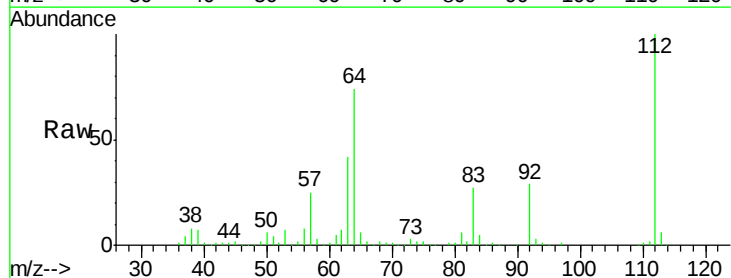
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



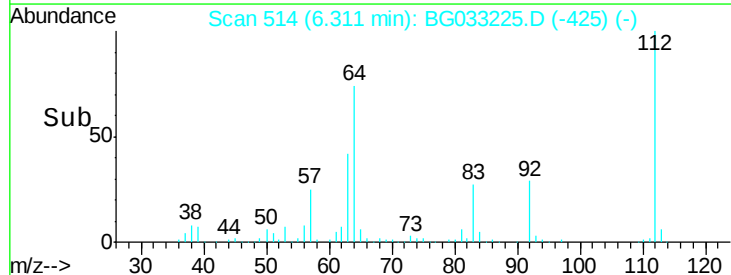
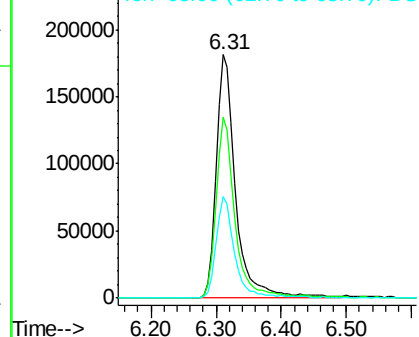
#5

2-Fluorophenol
Concen: 134.337 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.01 min
Lab File: BG033225.D
Acq: 17 Mar 2018 9:22

Tgt Ion:112 Resp: 374464
Ion Ratio Lower Upper
112 100
64 74.1 56.3 84.5
63 41.7 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: 126.358 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

Instrument :

BNA_G

ClientSampleId :

1480-OILY-DEBRIS

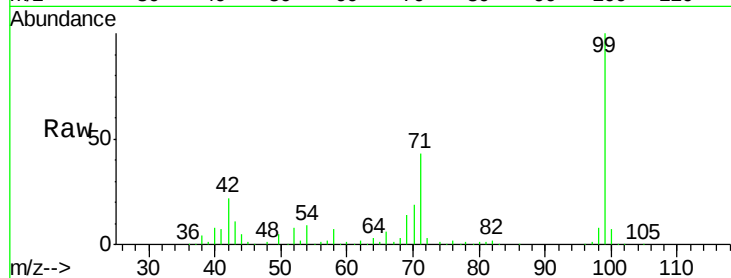
Tot Ion: 99 Resp: 490951

Ion Ratio Lower Upper

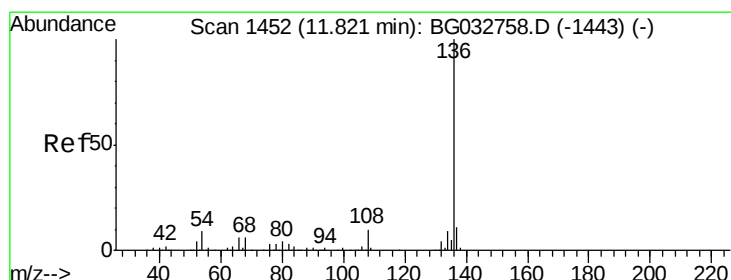
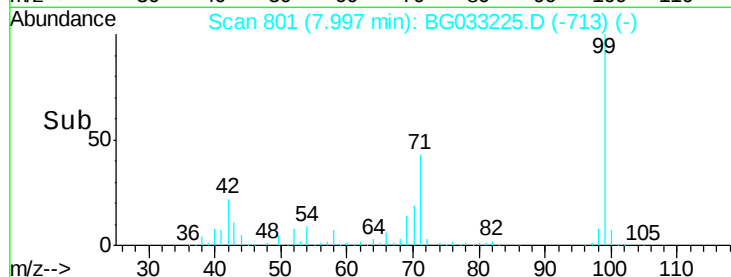
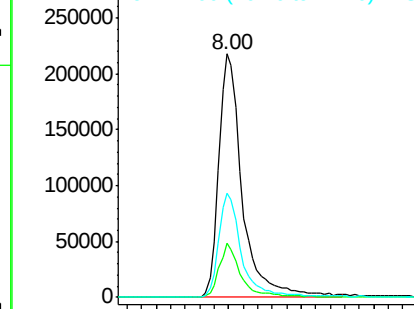
99 100

42 22.1 14.1 21.1#

71 42.6 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# 1445

Delta R.T. -0.01 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

Tgt Ion: 136 Resp: 172033

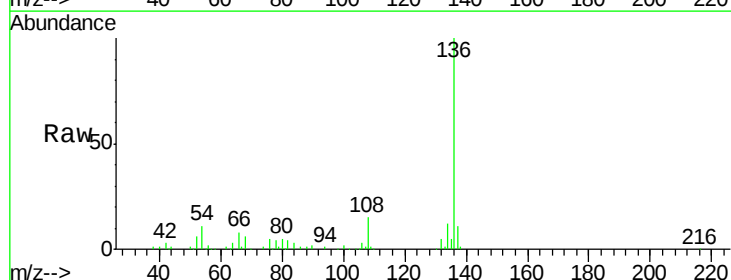
Ion Ratio Lower Upper

136 100

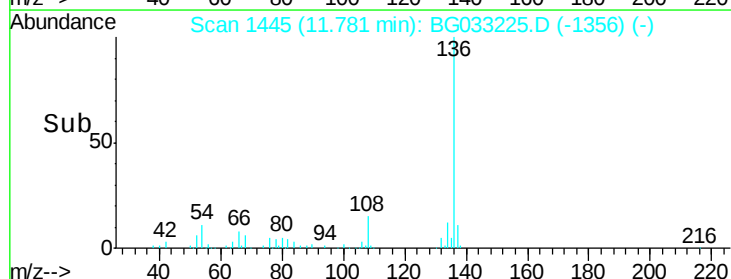
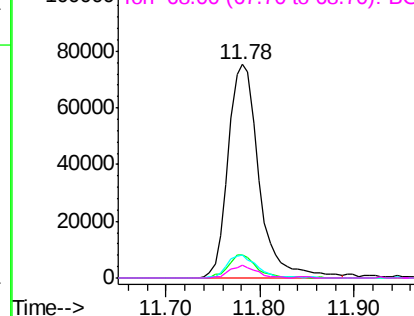
137 10.6 9.2 13.8

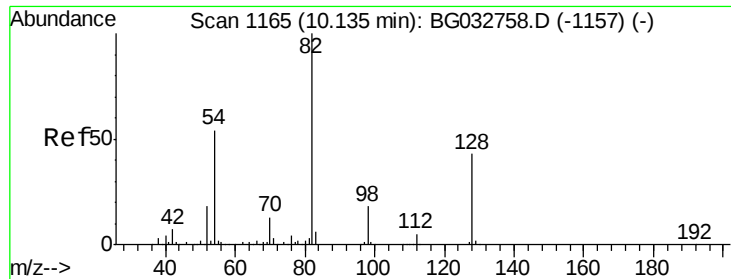
54 10.5 10.3 15.5

68 6.1 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

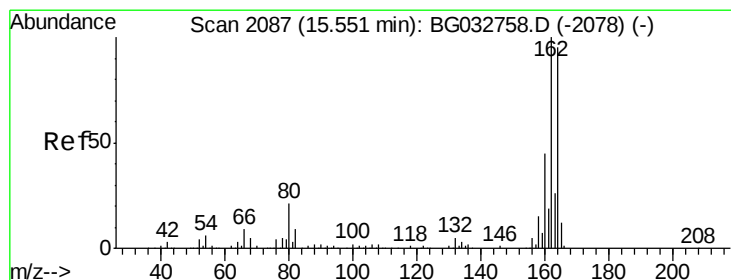
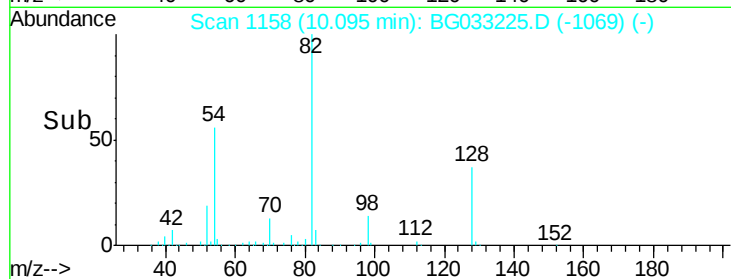
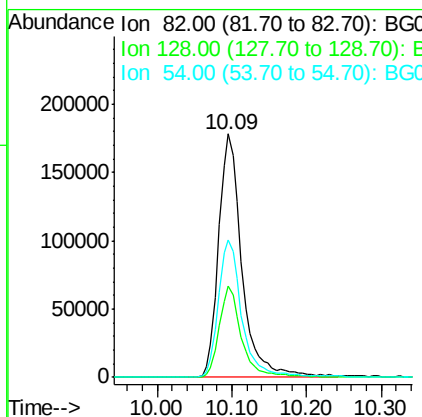
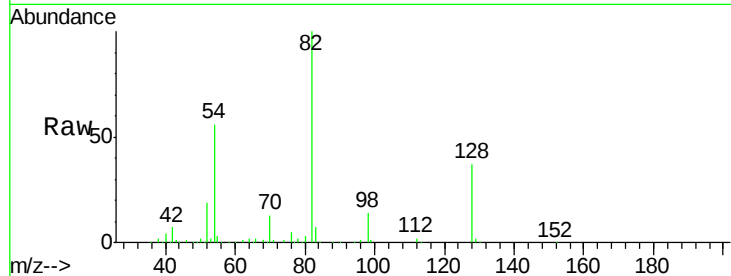




#23
Nitrobenzene-d5
Concen: 148.817 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG033225.D
Acq: 17 Mar 2018 9:22

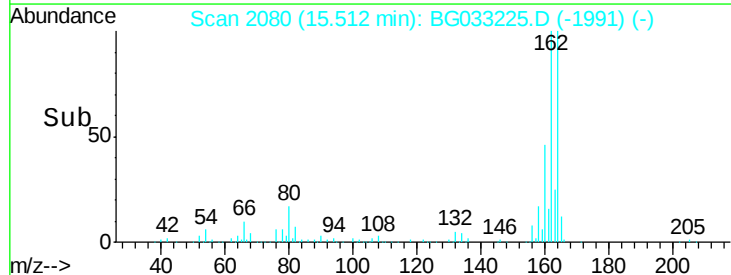
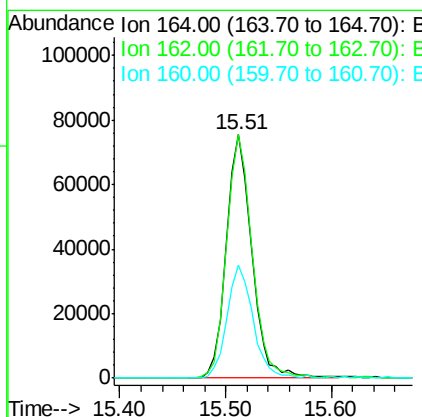
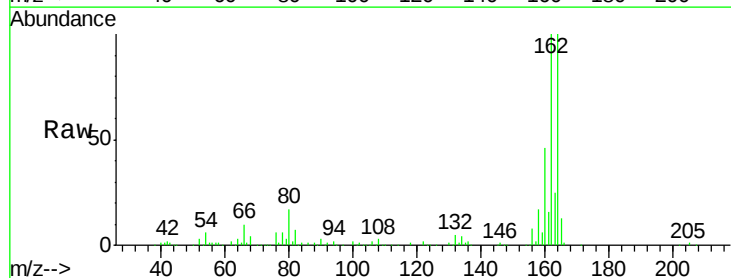
Instrument :
BNA_G
ClientSampleId :
1480-OILY-DEBRIS

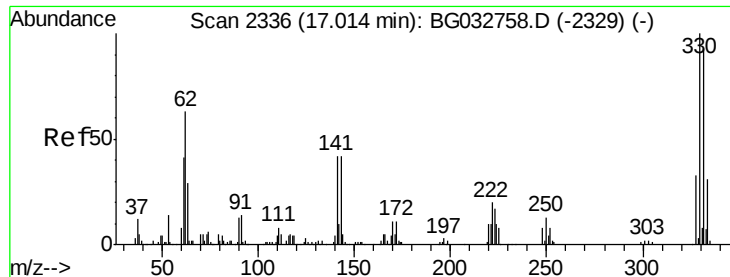
Tot Ion	82	Resp	389808
Ion Ratio	Lower	Upper	
82	100		
128	37.4	29.7	44.5
54	56.3	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG033225.D
Acq: 17 Mar 2018 9:22

Tgt Ion	164	Resp	125946
Ion Ratio	Lower	Upper	
164	100		
162	100.1	78.8	118.2
160	46.4	35.4	53.0

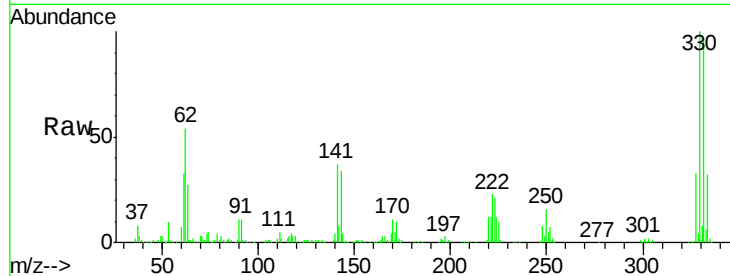




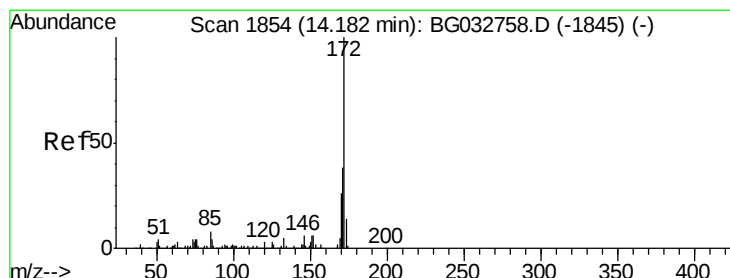
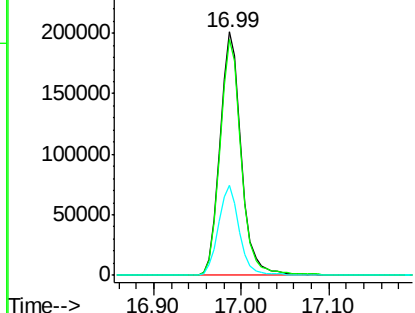
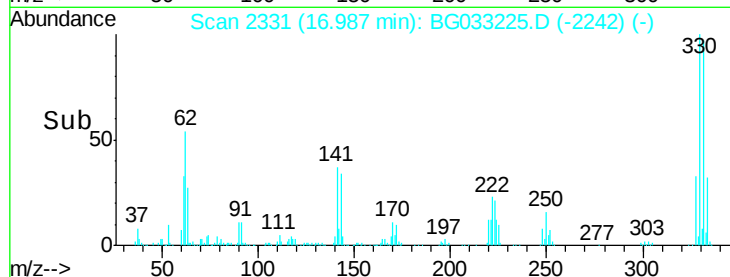
#41
 2,4,6-Tribromophenol
 Concen: 255.402 ng
 RT: 16.99 min Scan# 2331
 Delta R.T. -0.01 min
 Lab File: BG033225.D
 Acq: 17 Mar 2018 9:22

Instrument :
 BNA_G
 ClientSampleId :
 1480-OILY-DEBRIS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	36.5	25.2	37.8

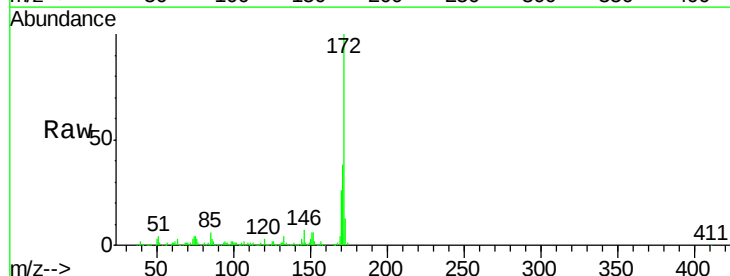


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

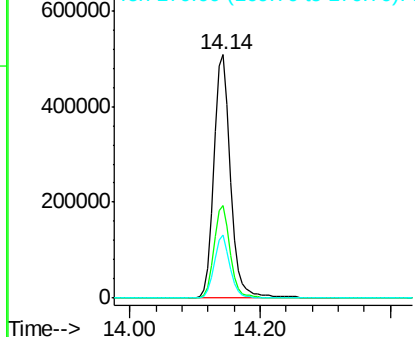
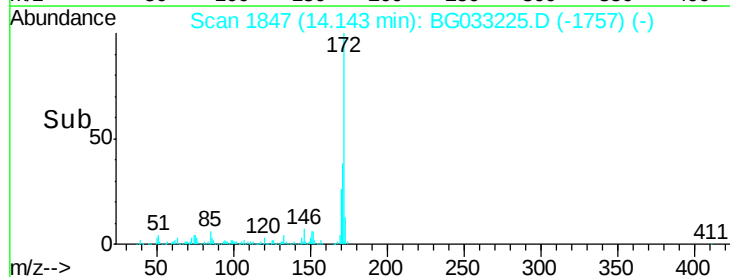


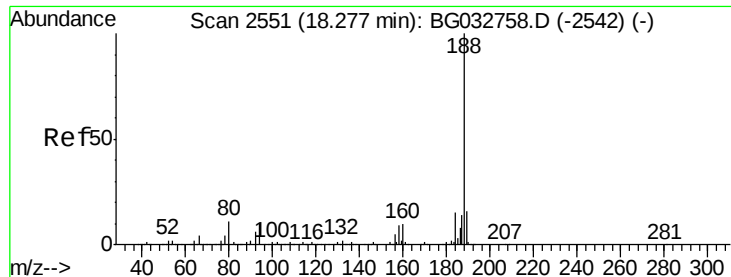
#44
 2-Fluorobiphenyl
 Concen: 103.177 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033225.D
 Acq: 17 Mar 2018 9:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	25.9	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

Instrument :

BNA_G

ClientSampleId :

1480-OILY-DEBRIS

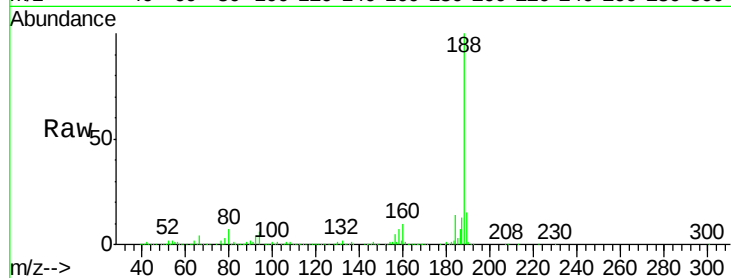
Tot Ion:188 Resp: 367250

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

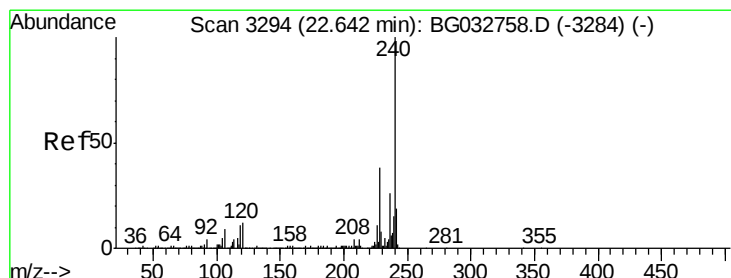
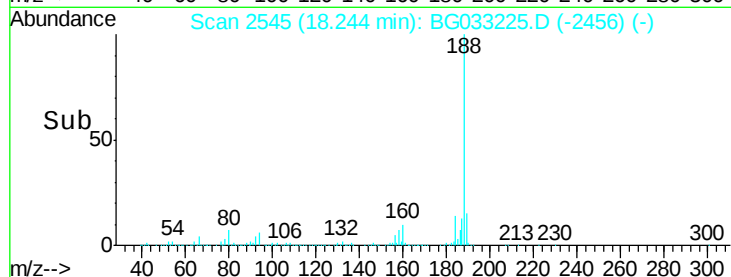
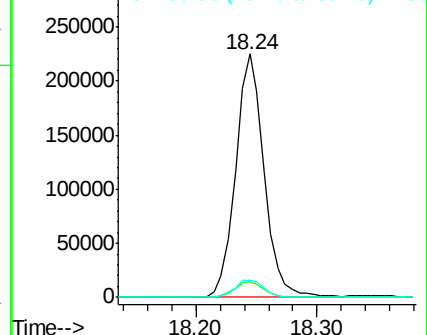
80 6.9 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3286

Delta R.T. -0.01 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

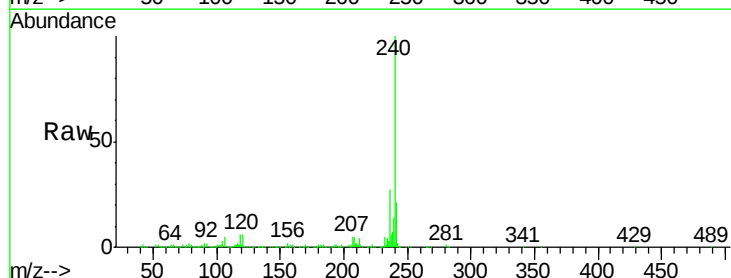
Tgt Ion:240 Resp: 392454

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

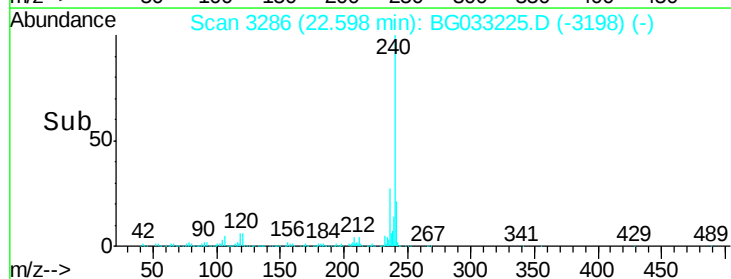
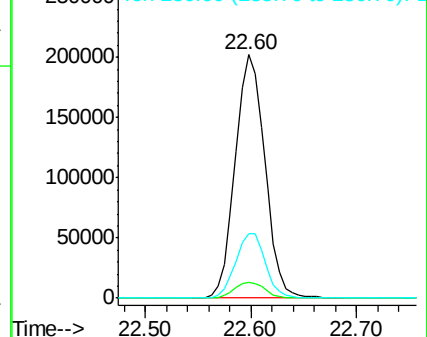
236 26.6 20.9 31.3

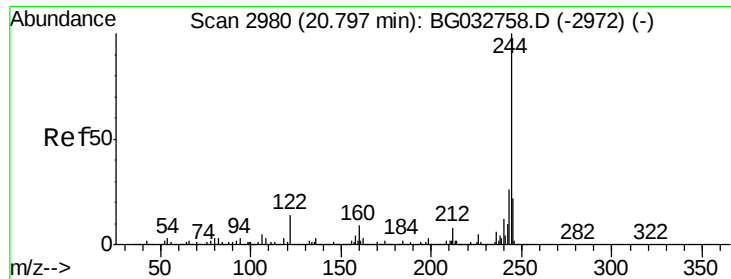


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 106.301 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

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1480-OILY-DEBRIS

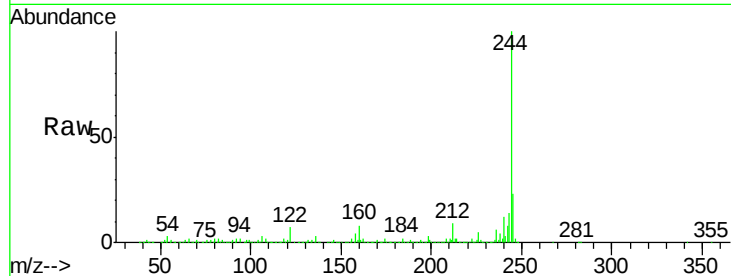
Tot Ion:244 Resp: 1856849

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

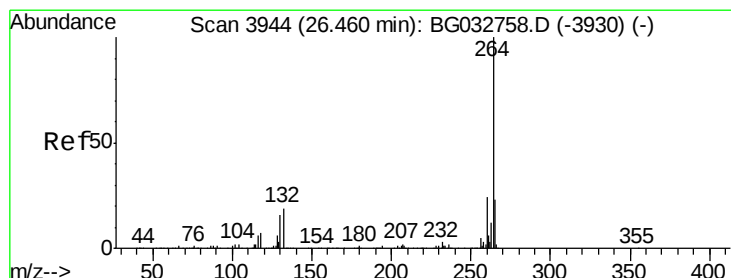
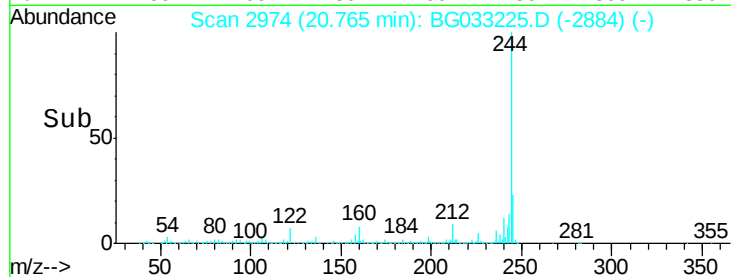
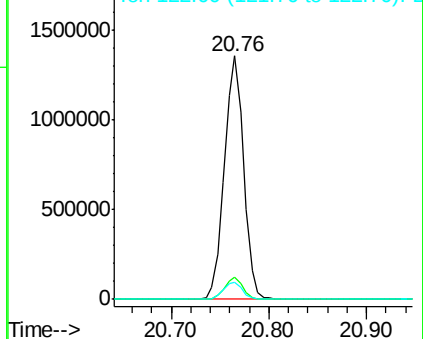
122 7.1 7.0 10.4



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. -0.01 min

Lab File: BG033225.D

Acq: 17 Mar 2018 9:22

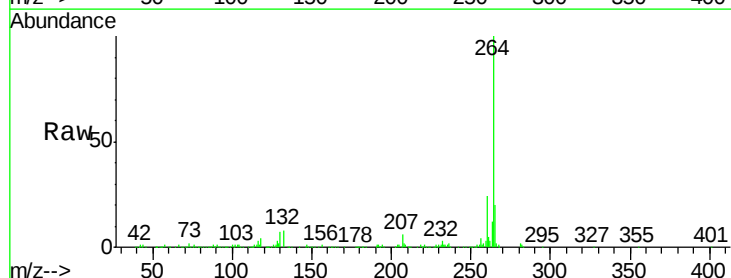
Tgt Ion:264 Resp: 421341

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.3 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

