

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033219.D
 Acq On : 17 Mar 2018 5:37
 Operator : SJ/JU
 Sample : J1931-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1483-OILY-DEBRIS

Quant Time: Mar 19 04:17:12 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

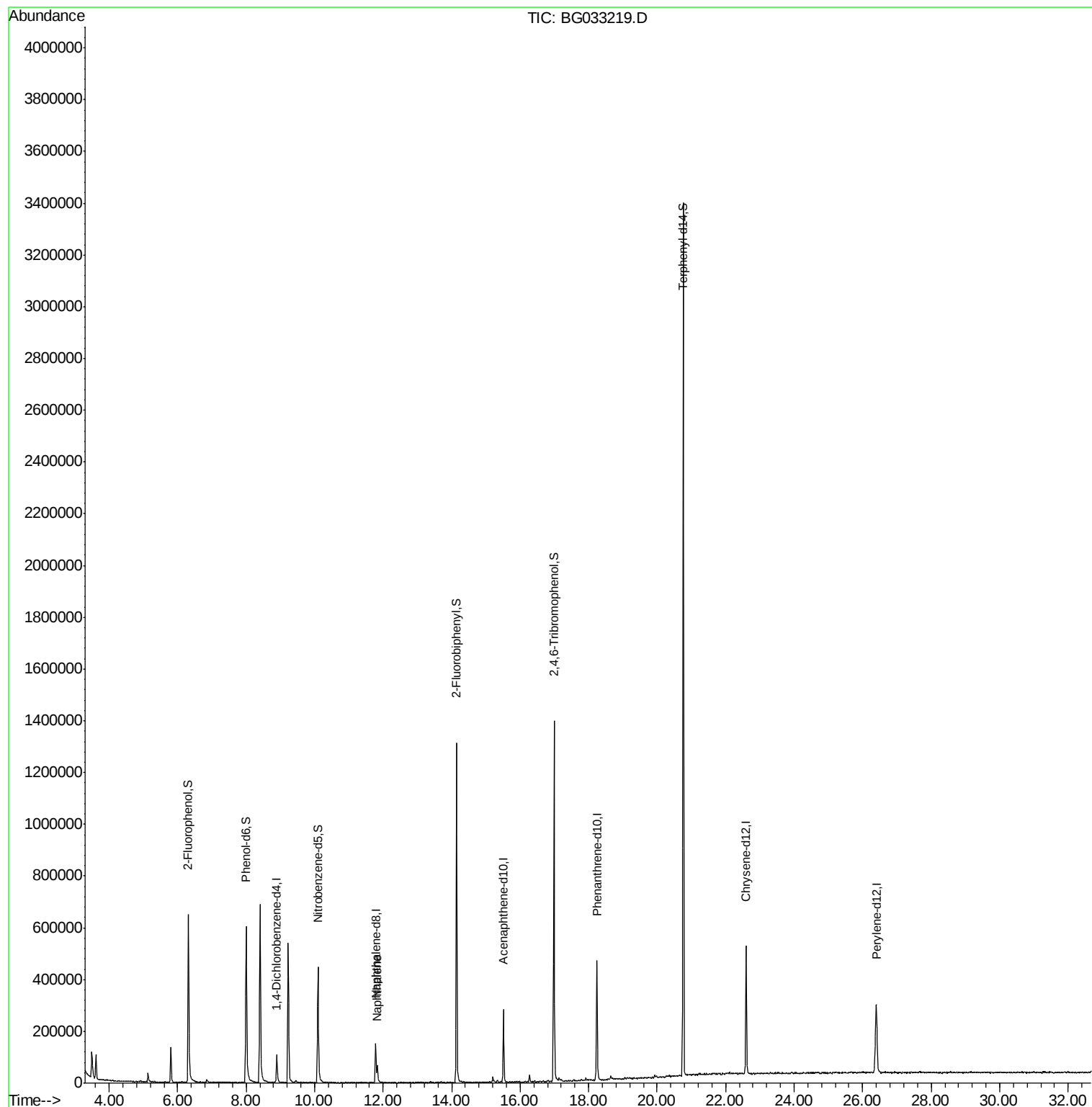
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	36641	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	148268	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	107405	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	317394	20.00	ng	0.00
75) Chrysene-d12	22.60	240	343452	20.00	ng	-0.01
86) Perylene-d12	26.40	264	364016	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	326701	142.65	ng	0.00
7) Phenol-d6	8.00	99	442271	138.54	ng	-0.01
23) Nitrobenzene-d5	10.09	82	340430	150.67	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	289802	256.61	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	773646	103.89	ng	0.00
78) Terphenyl-d14	20.76	244	1665967	108.98	ng	0.00
Target Compounds						
31) Naphthalene	11.83	128	57584	7.433	ng	Qvalue 98

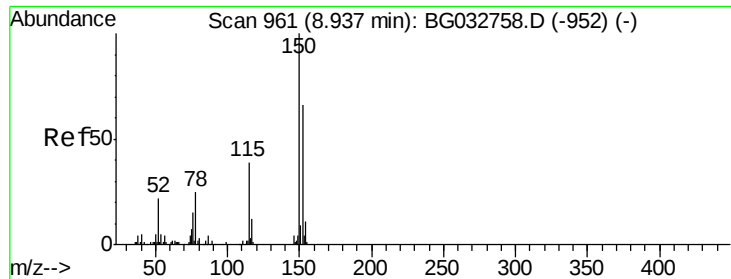
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration



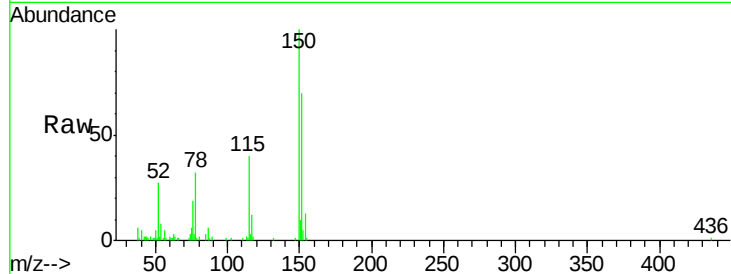


#1

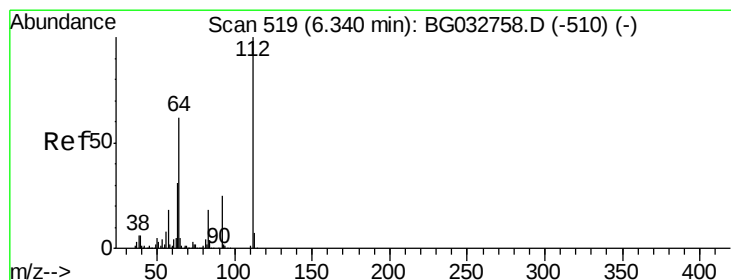
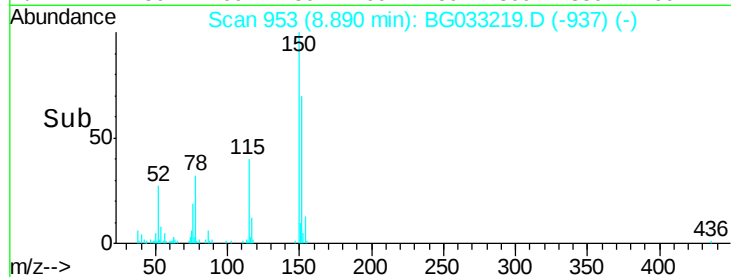
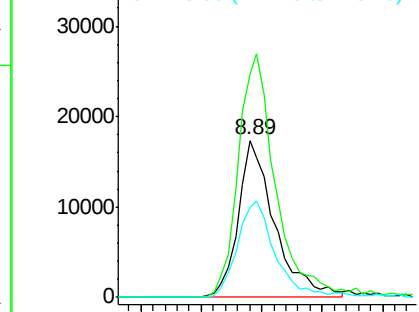
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033219.D
Acq: 17 Mar 2018 5:37

Instrument :
BNA_G
ClientSampleId :
1483-OILY-DEBRIS

Tot Ion:152 Resp: 36641
Ion Ratio Lower Upper
152 100
150 142.4 126.6 189.8
115 57.6 53.0 79.4



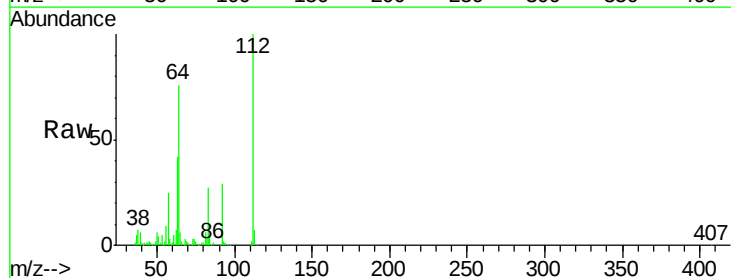
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



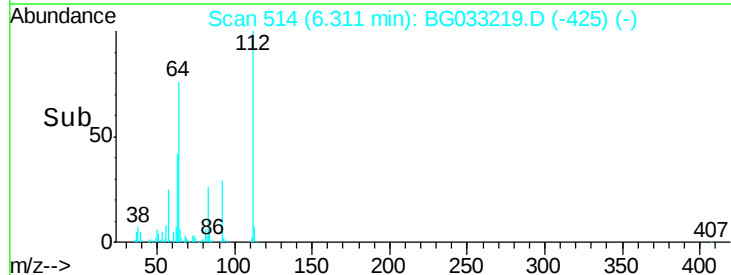
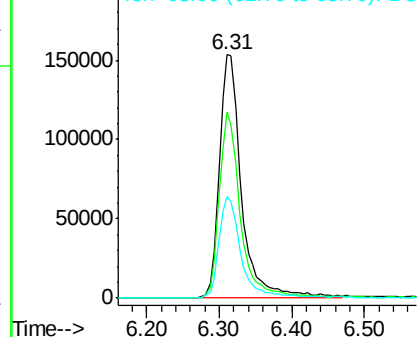
#5

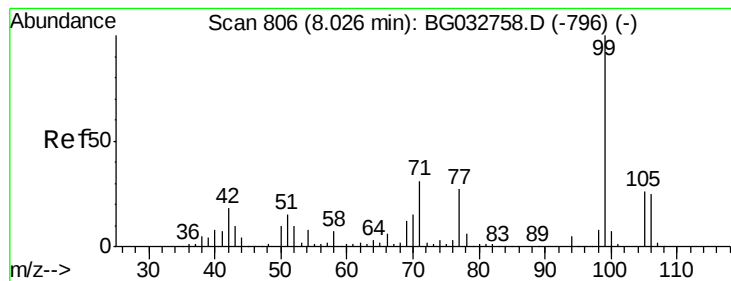
2-Fluorophenol
Concen: 142.647 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.01 min
Lab File: BG033219.D
Acq: 17 Mar 2018 5:37

Tgt Ion:112 Resp: 326701
Ion Ratio Lower Upper
112 100
64 76.5 56.3 84.5
63 41.8 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: 138.542 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033219.D

Acq: 17 Mar 2018 5:37

Instrument :

BNA_G

ClientSampleId :

1483-OILY-DEBRIS

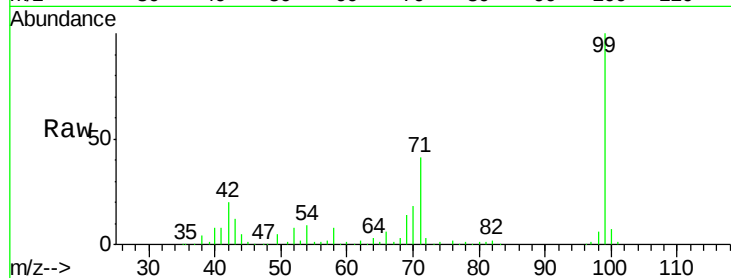
Tot Ion: 99 Resp: 442271

Ion Ratio Lower Upper

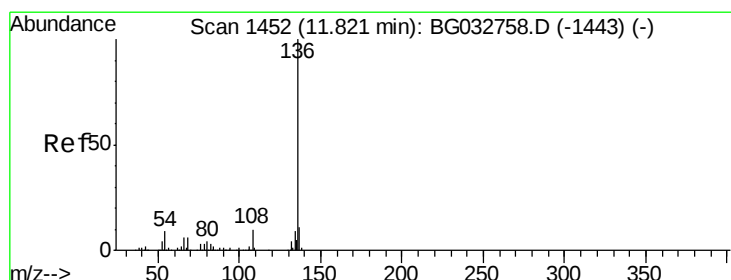
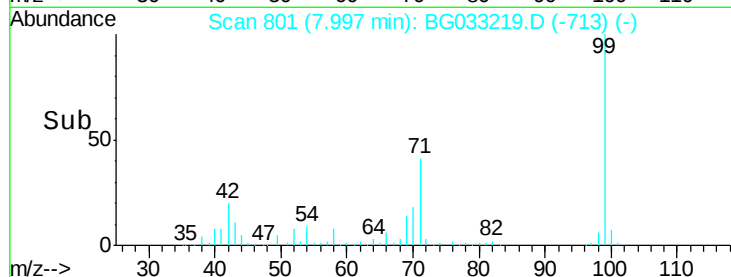
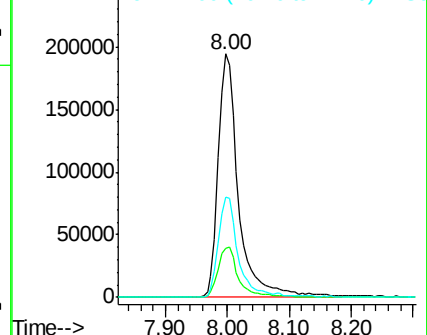
99 100

42 20.4 14.1 21.1

71 41.3 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: BG033219.D

Acq: 17 Mar 2018 5:37

Tgt Ion: 136 Resp: 148268

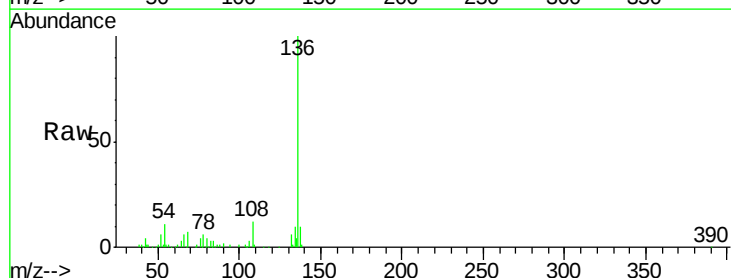
Ion Ratio Lower Upper

136 100

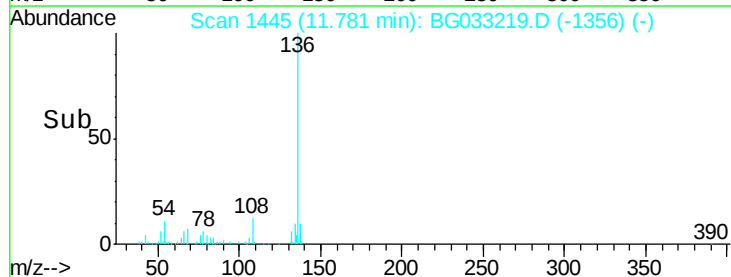
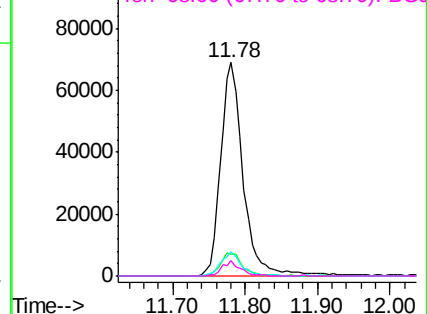
137 10.2 9.2 13.8

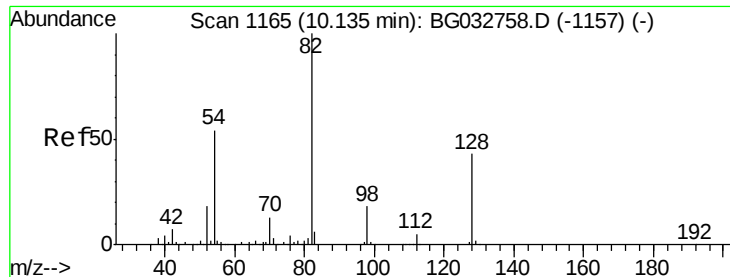
54 11.4 10.3 15.5

68 6.9 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: 150.665 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033219.D

Acq: 17 Mar 2018 5:37

Instrument :

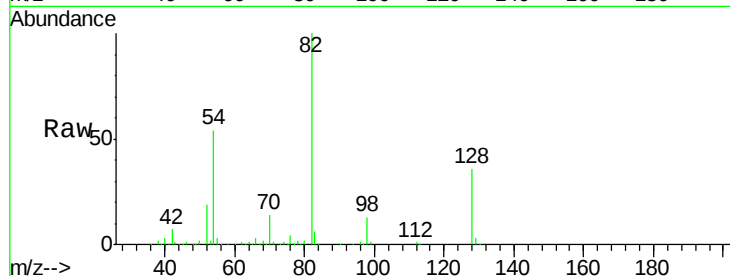
BNA_G

ClientSampleId :

1483-OILY-DEBRIS

Tot Ion: 82 Resp: 340430

Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.7	44.5
54	54.4	43.1	64.7

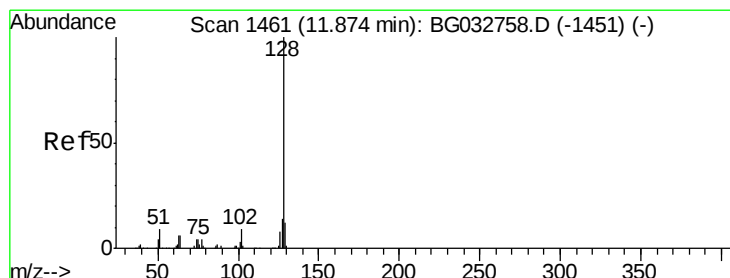
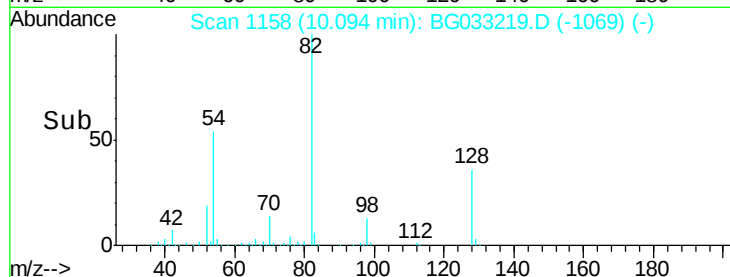
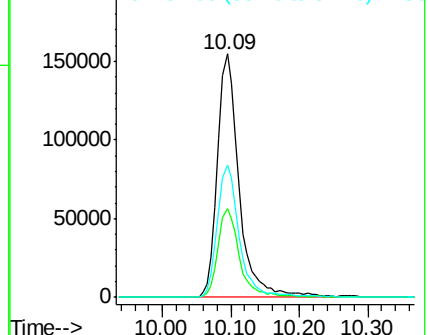


Abundance

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



#31

Naphthalene

Concen: 7.433 ng

RT: 11.83 min Scan# 1454

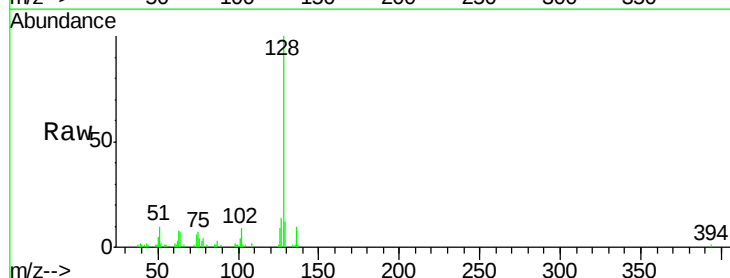
Delta R.T. -0.01 min

Lab File: BG033219.D

Acq: 17 Mar 2018 5:37

Tgt Ion: 128 Resp: 57584

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	14.4	11.6	17.4

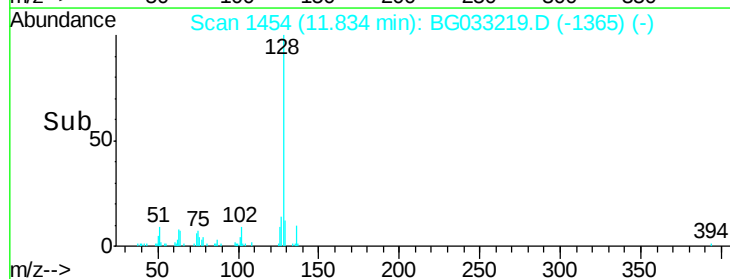
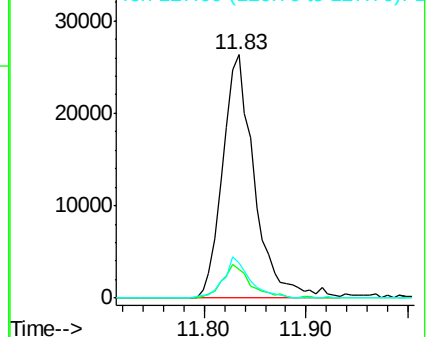


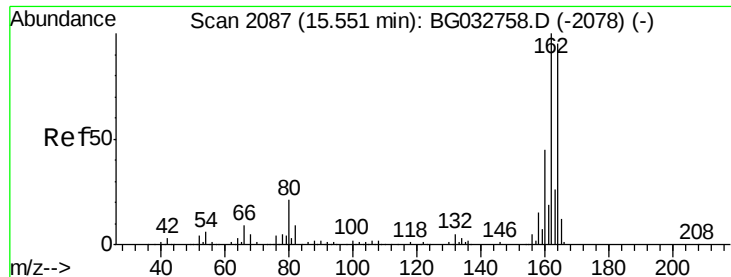
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033219.D

Acq: 17 Mar 2018 5:37

Instrument :

BNA_G

ClientSampleId :

1483-OILY-DEBRIS

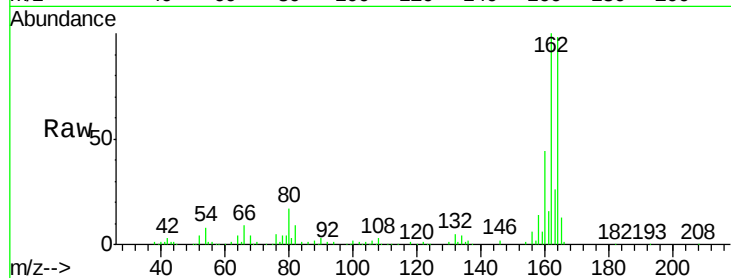
Tot Ion:164 Resp: 107405

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

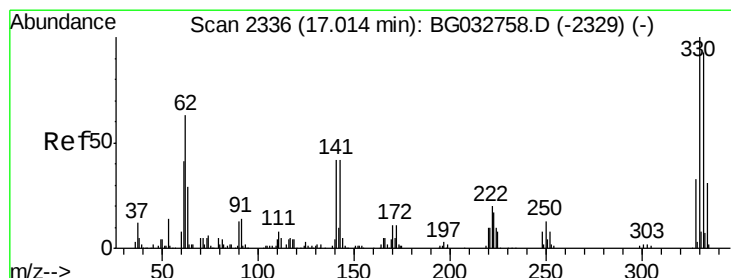
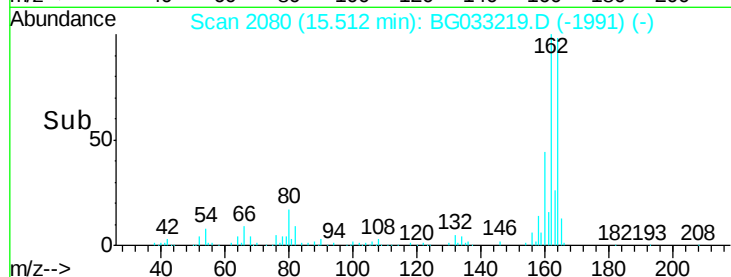
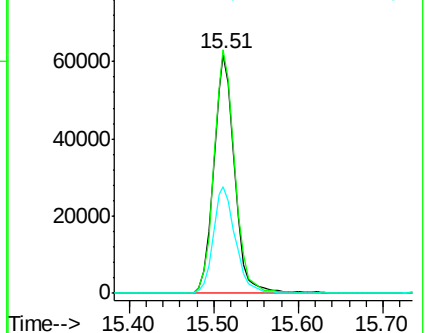
160 45.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 256.615 ng

RT: 16.99 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG033219.D

Acq: 17 Mar 2018 5:37

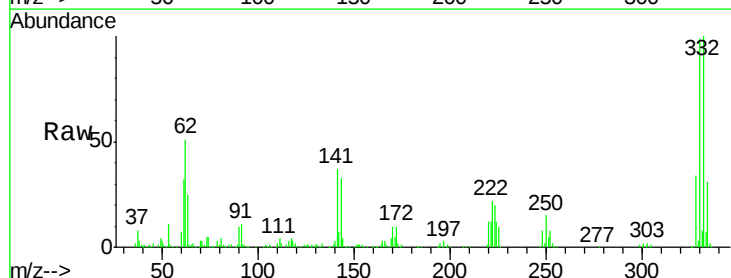
Tgt Ion:330 Resp: 289802

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

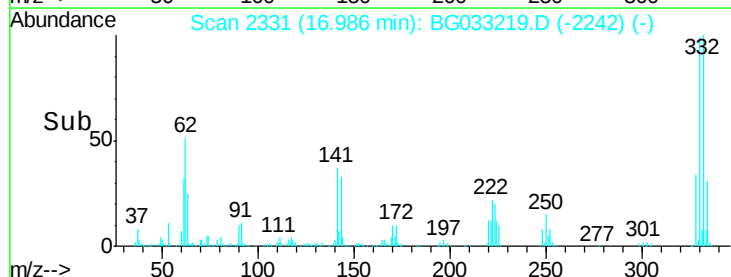
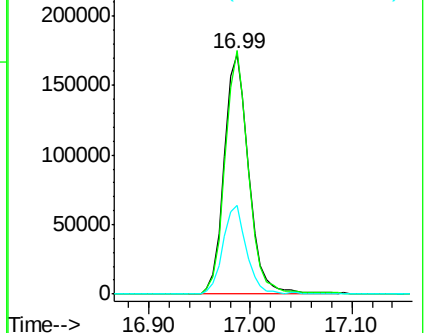
141 35.3 25.2 37.8

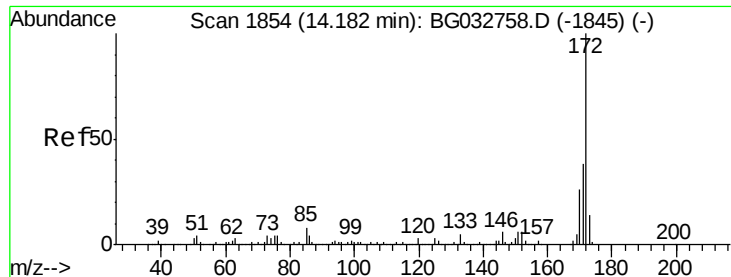


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

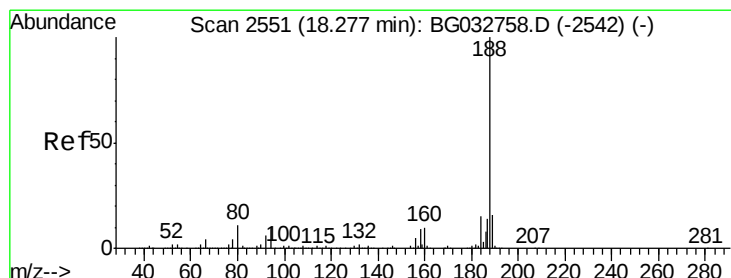
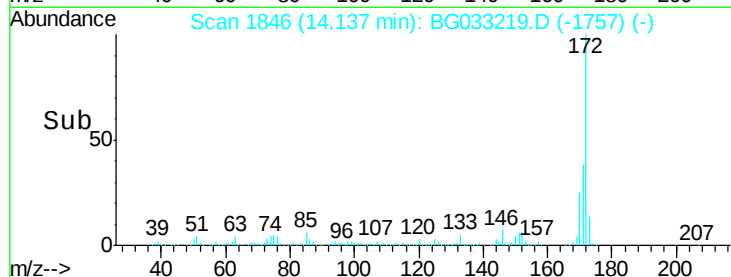
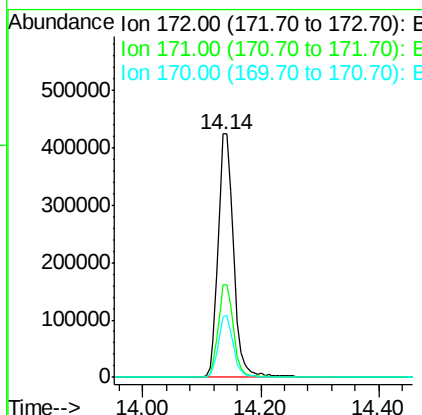
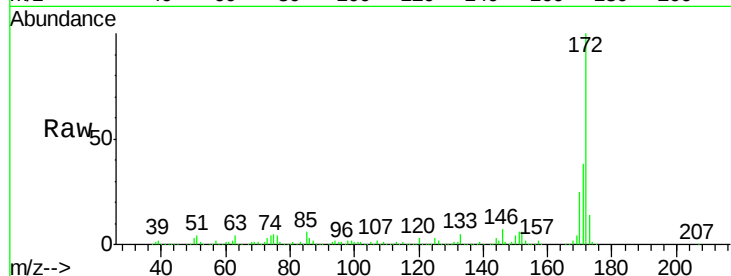




#44
 2-Fluorobiphenyl
 Concen: 103.886 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BG033219.D
 Acq: 17 Mar 2018 5:37

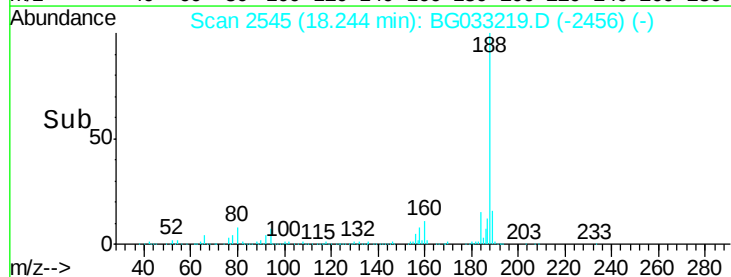
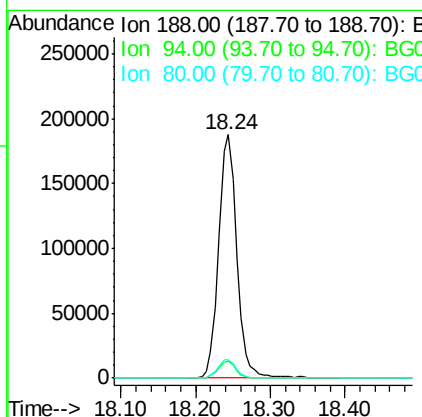
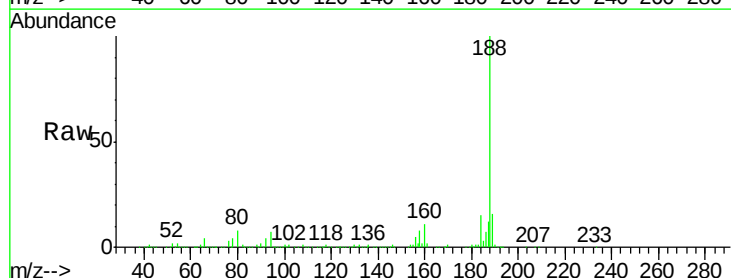
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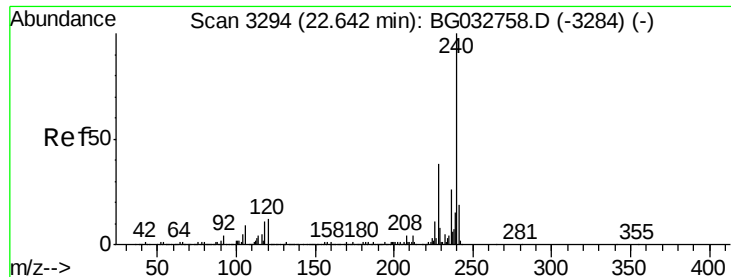
Tot Ion:172 Resp: 773646
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 24.8 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BG033219.D
 Acq: 17 Mar 2018 5:37

Tgt Ion:188 Resp: 317394
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.9 10.3#
 80 7.7 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: BG033219.D

Acq: 17 Mar 2018 5:37

Instrument :

BNA_G

ClientSampleId :

1483-OILY-DEBRIS

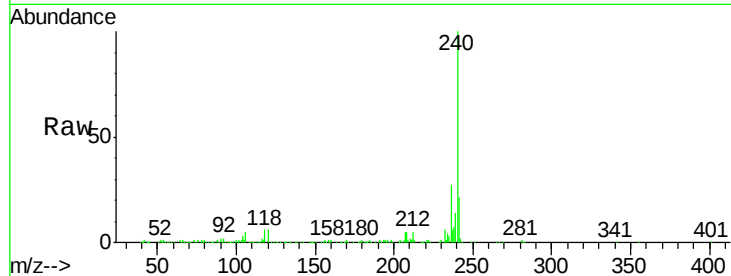
Tot Ion:240 Resp: 343452

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

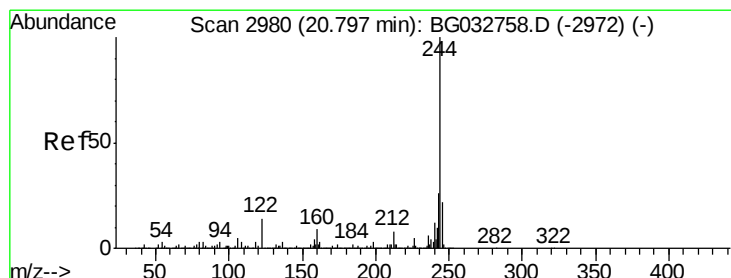
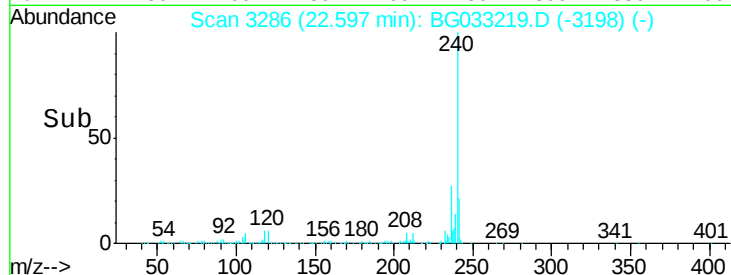
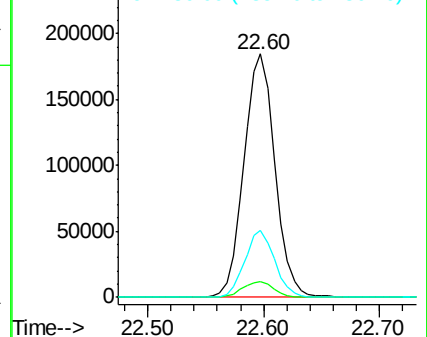
236 27.3 20.9 31.3



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: 108.981 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033219.D

Acq: 17 Mar 2018 5:37

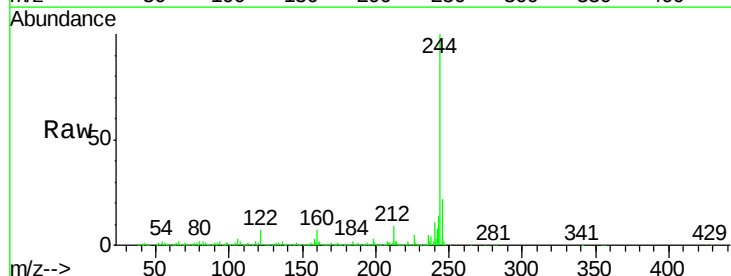
Tgt Ion:244 Resp: 1665967

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

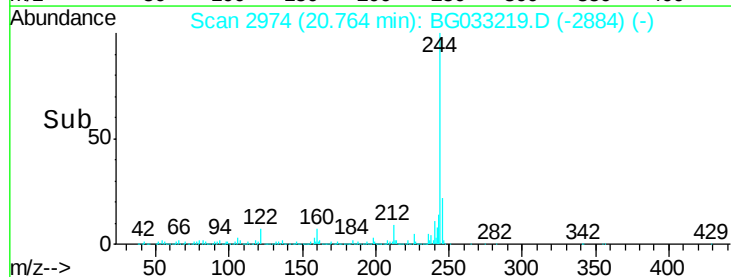
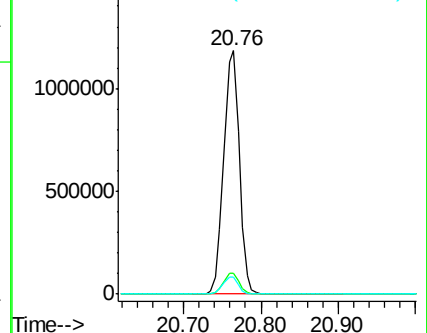
122 6.8 7.0 10.4#

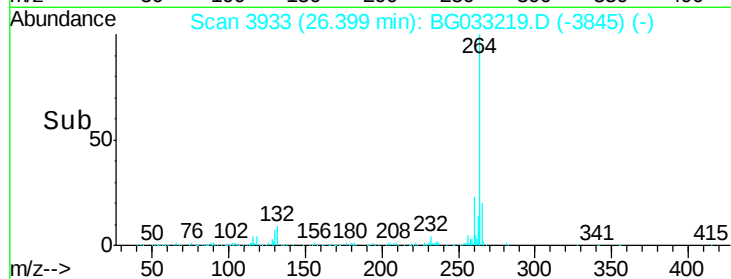
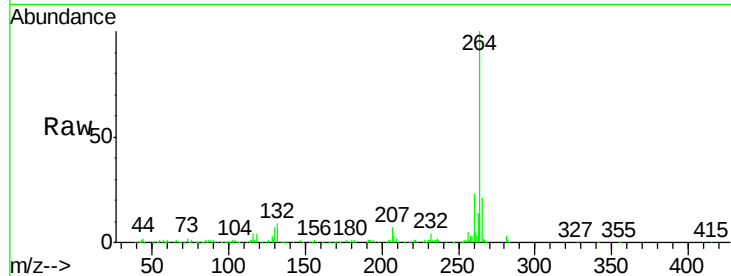
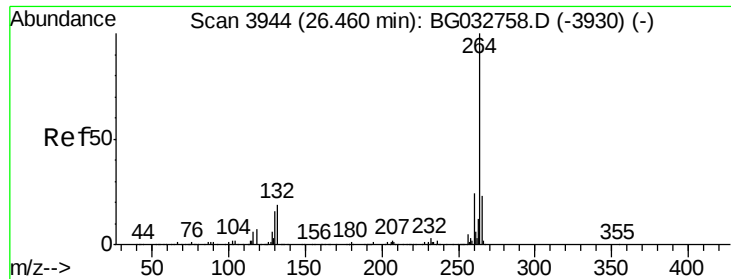


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3933

Delta R.T. -0.01 min

Lab File: BG033219.D

Acq: 17 Mar 2018 5:37

Instrument :

BNA_G

ClientSampleId :

1483-OILY-DEBRIS

Tot Ion:264 Resp: 364016

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 20.5 17.7 26.5

