

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033186.D
 Acq On : 15 Mar 2018 21:02
 Operator : SJ/JU
 Sample : J1913-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-DEBRIS-M8

Quant Time: Mar 16 05:54:28 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

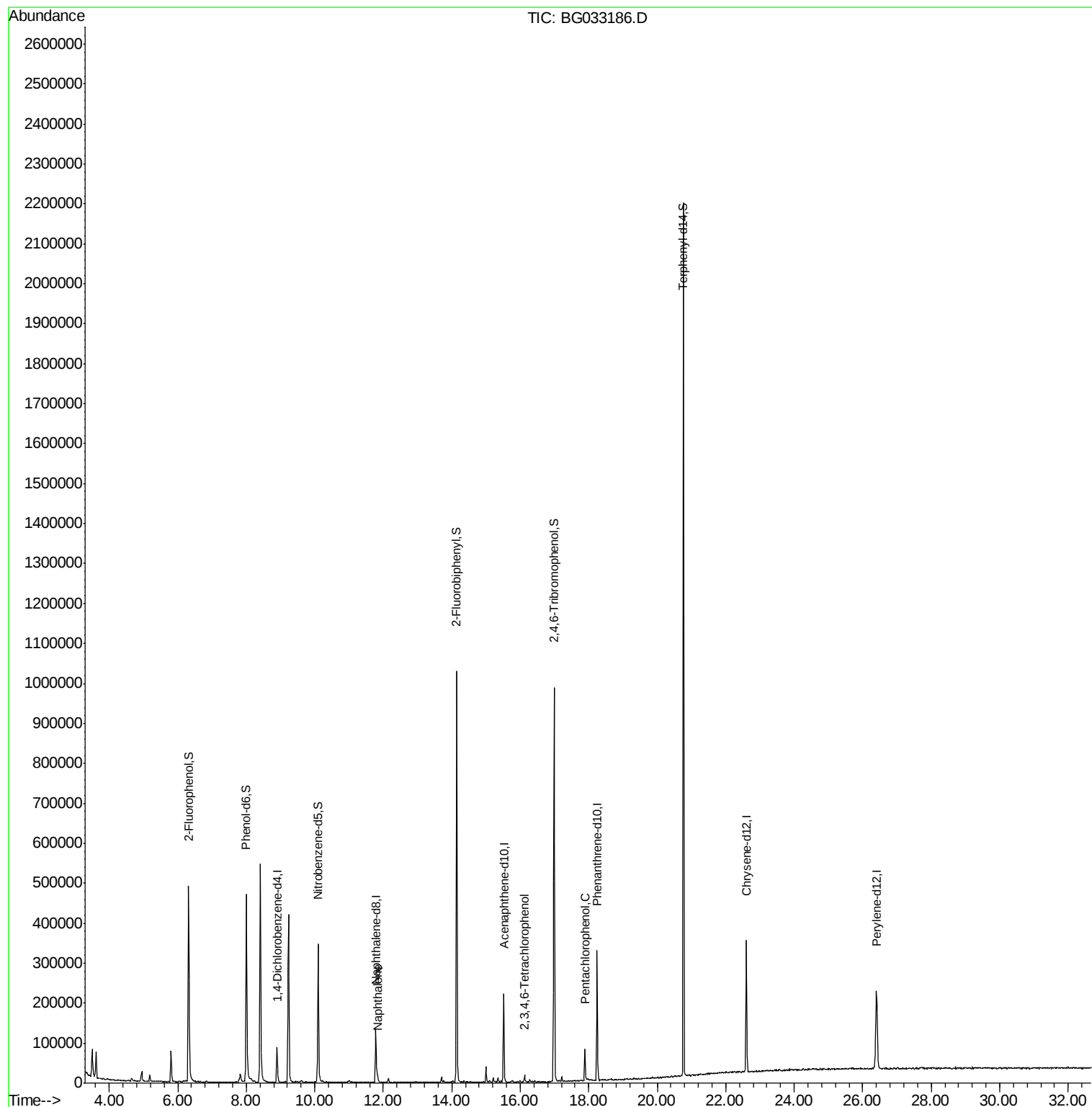
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	30185	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	129509	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	80937	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	209402	20.00	ng	0.00
75) Chrysene-d12	22.60	240	216112	20.00	ng	0.00
86) Perylene-d12	26.40	264	239057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	265885	140.92	ng	0.00
7) Phenol-d6	8.00	99	329182	125.17	ng	-0.01
23) Nitrobenzene-d5	10.10	82	237535	122.35	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	209863	246.60	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	551445	98.26	ng	0.00
78) Terphenyl-d14	20.76	244	1036339	107.74	ng	0.00
Target Compounds						
31) Naphthalene	11.83	128	15517	2.293	ng	# 94
58) 2,3,4,6-Tetrachlorophenol	16.12	232	4999	3.672	ng	# 92
69) Pentachlorophenol	17.89	266	18132	12.030	ng	97

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

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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QLast Update : Wed Mar 14 13:59:34 2018
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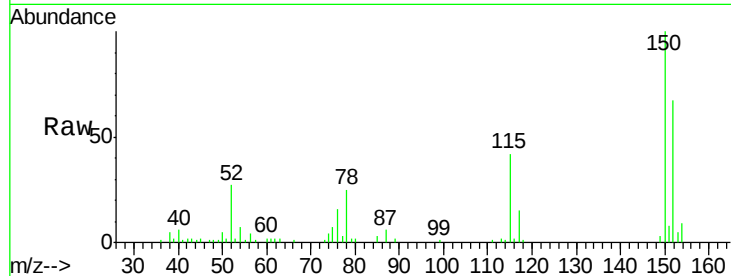


#1

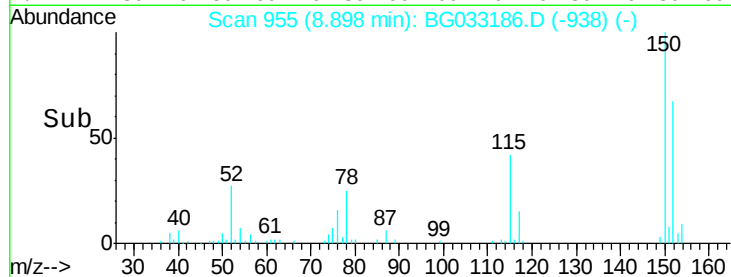
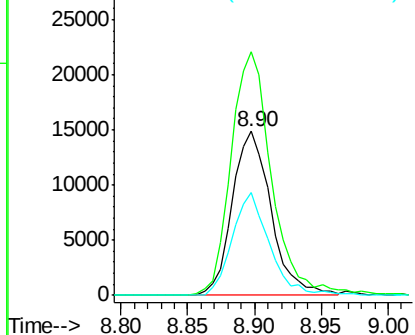
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033186.D
Acq: 15 Mar 2018 21:02

Instrument :
BNA_G
ClientSampleId :
OILY-DEBRIS-M8

Tot Ion:152 Resp: 30185
Ion Ratio Lower Upper
152 100
150 148.4 126.6 189.8
115 62.5 53.0 79.4



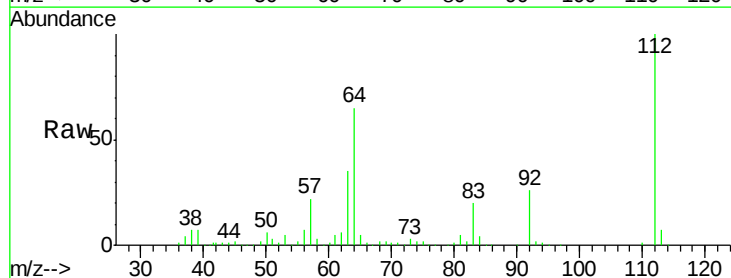
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



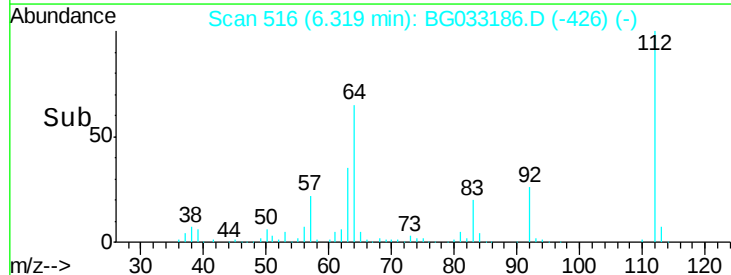
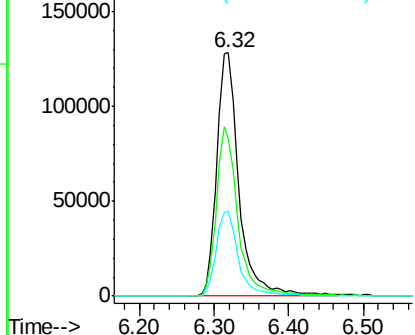
#5

2-Fluorophenol
Concen: 140.923 ng
RT: 6.32 min Scan# 516
Delta R.T. 0.00 min
Lab File: BG033186.D
Acq: 15 Mar 2018 21:02

Tgt Ion:112 Resp: 265885
Ion Ratio Lower Upper
112 100
64 64.6 56.3 84.5
63 35.0 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: 125.172 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033186.D

Acq: 15 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8

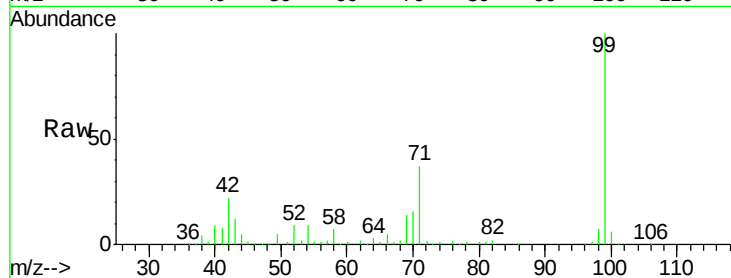
Tot Ion: 99 Resp: 329182

Ion Ratio Lower Upper

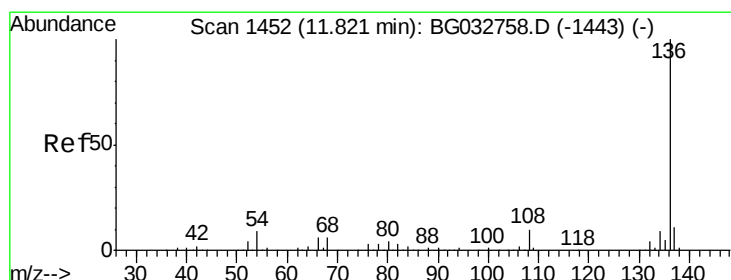
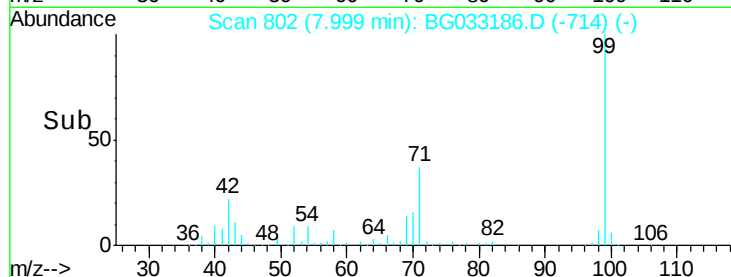
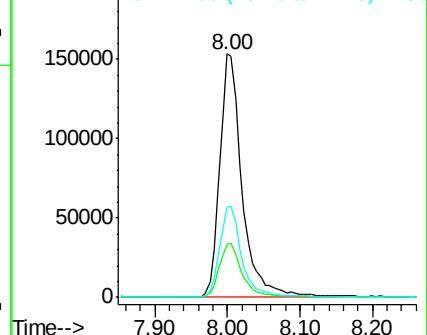
99 100

42 21.8 14.1 21.1#

71 37.2 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. -0.01 min

Lab File: BG033186.D

Acq: 15 Mar 2018 21:02

Tgt Ion: 136 Resp: 129509

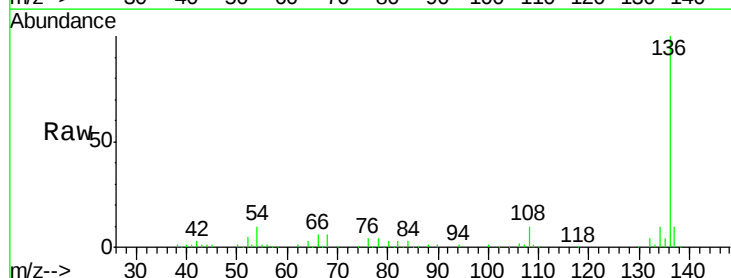
Ion Ratio Lower Upper

136 100

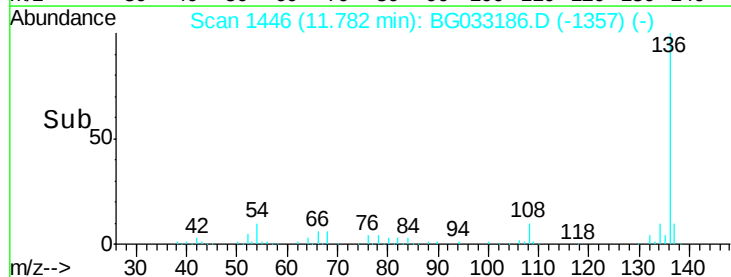
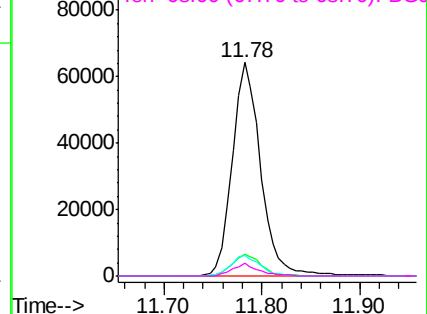
137 10.1 9.2 13.8

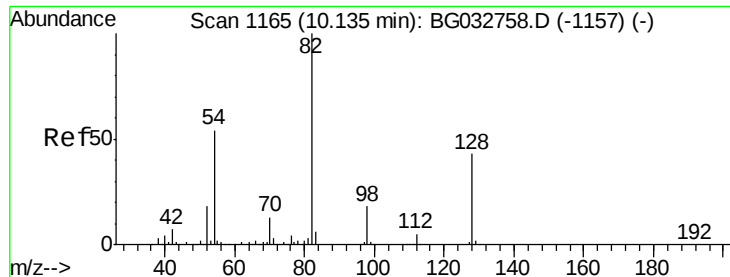
54 9.5 10.3 15.5#

68 5.8 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: 122.348 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG033186.D

Acq: 15 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8

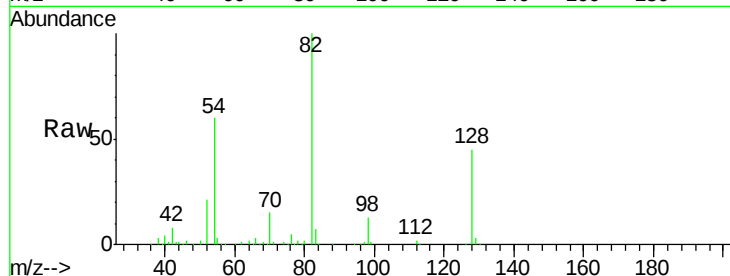
Tot Ion: 82 Resp: 237535

Ion Ratio Lower Upper

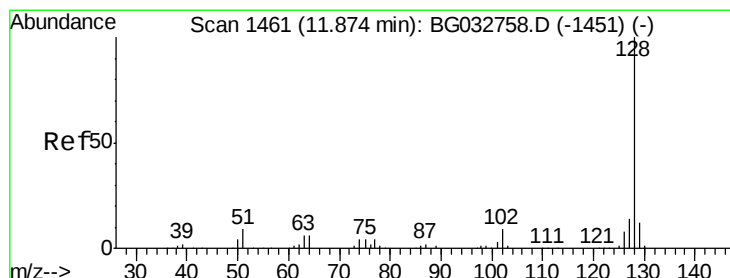
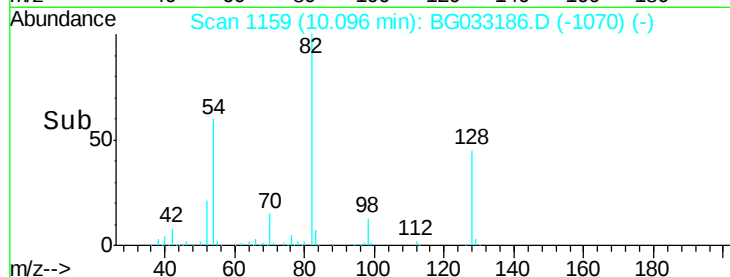
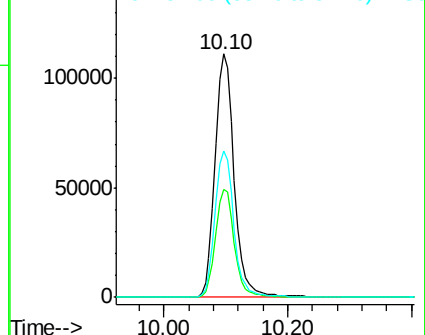
82 100

128 44.6 29.7 44.5#

54 60.3 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



#31

Naphthalene

Concen: 2.293 ng

RT: 11.83 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BG033186.D

Acq: 15 Mar 2018 21:02

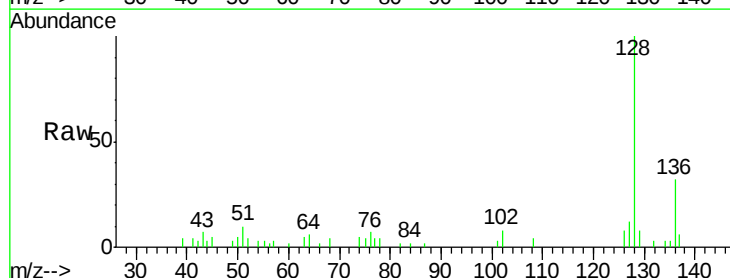
Tgt Ion: 128 Resp: 15517

Ion Ratio Lower Upper

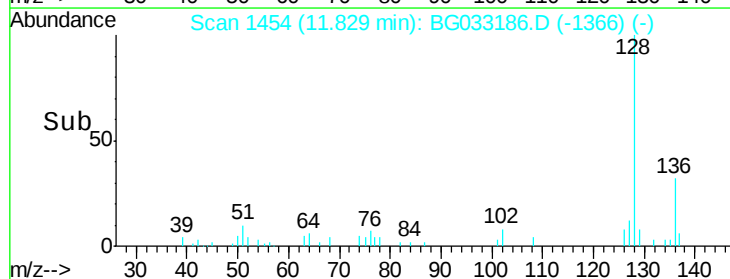
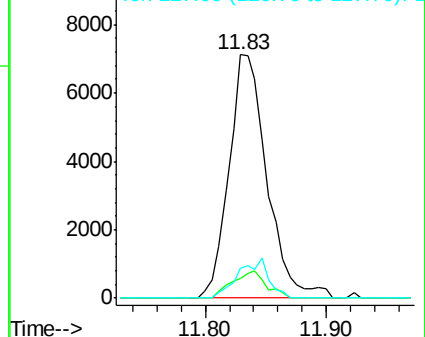
128 100

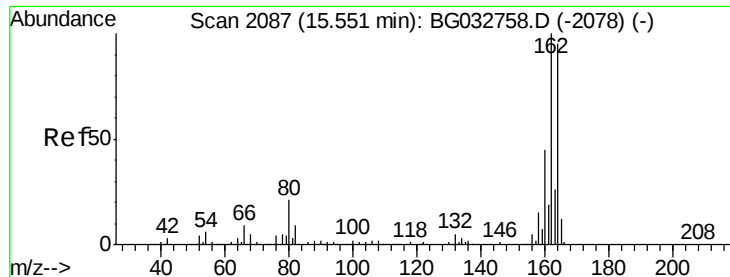
129 8.1 8.6 12.8#

127 12.4 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: 15.52 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BG033186.D

Acq: 15 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8

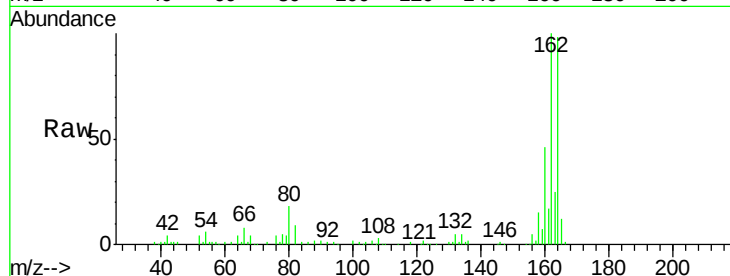
Tot Ion:164 Resp: 80937

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

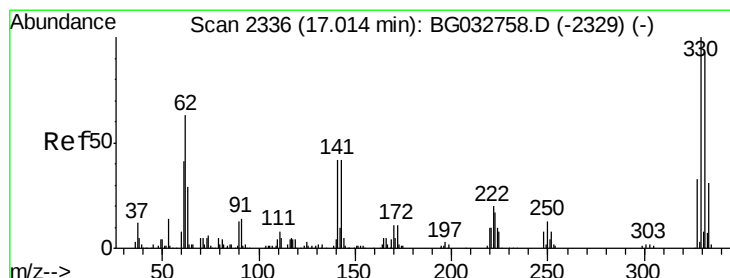
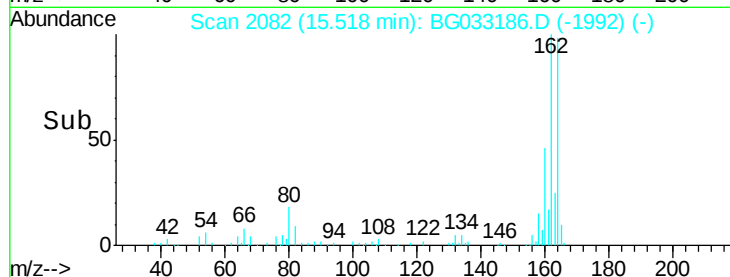
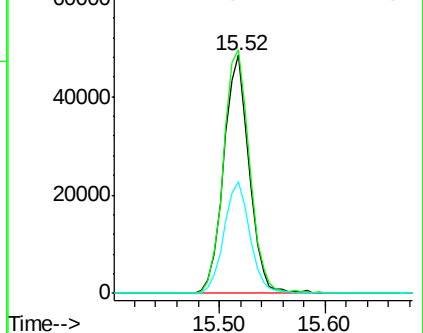
160 47.1 35.4 53.0



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: 246.600 ng

RT: 16.99 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BG033186.D

Acq: 15 Mar 2018 21:02

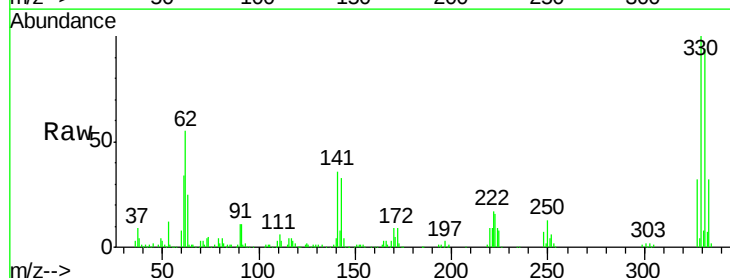
Tgt Ion:330 Resp: 209863

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

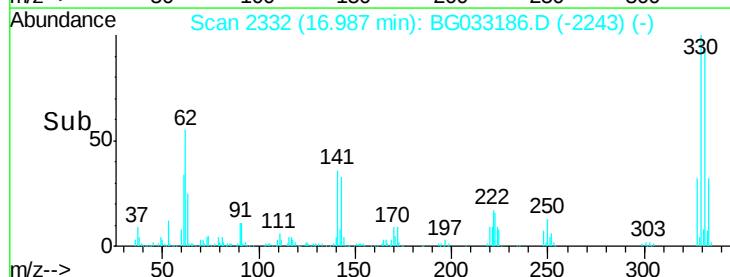
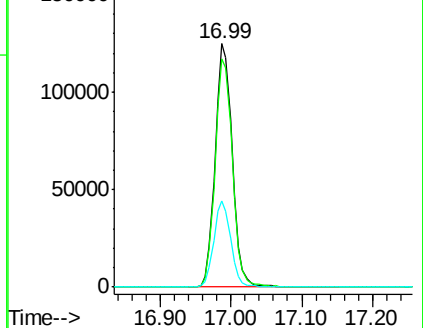
141 35.1 25.2 37.8



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

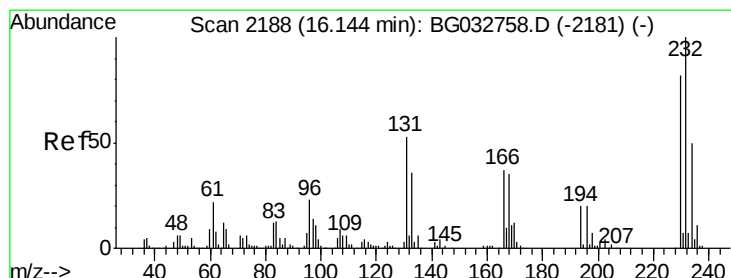
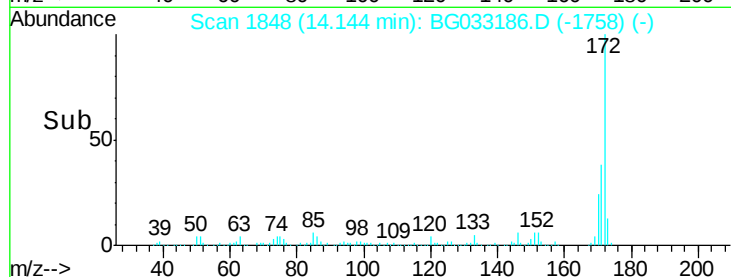
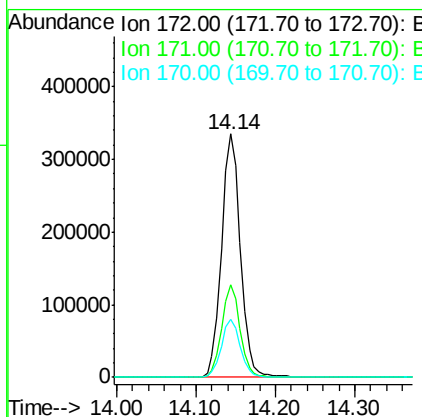
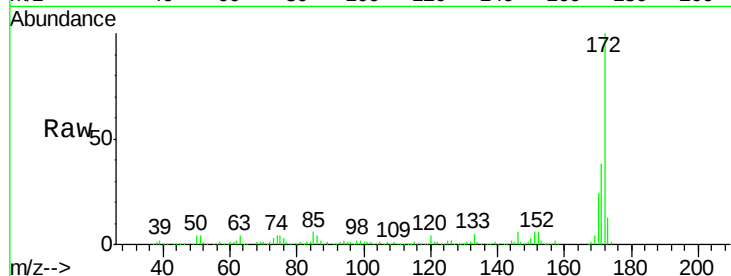




#44
 2-Fluorobiphenyl
 Concen: 98.264 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033186.D
 Acq: 15 Mar 2018 21:02

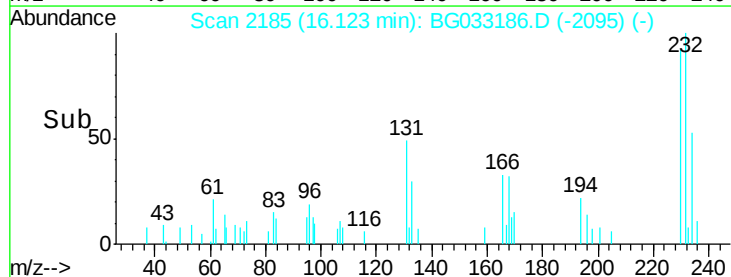
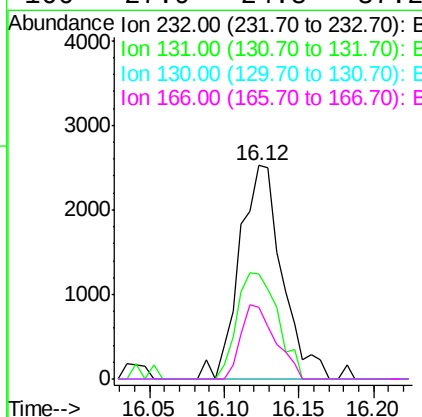
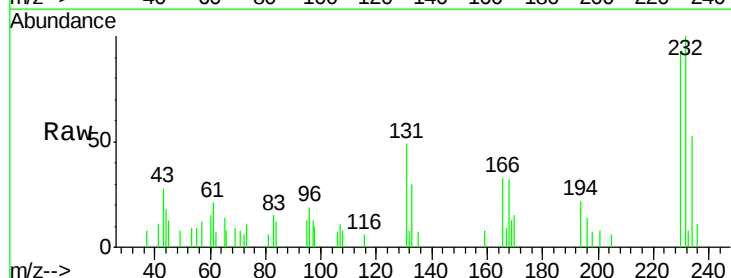
Instrument :
 BNA_G
 ClientSampleId :
 OILY-DEBRIS-M8

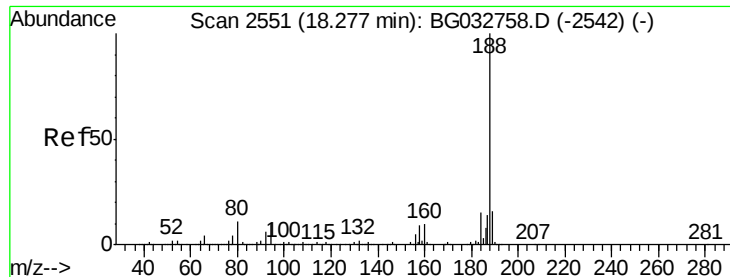
Tot Ion:172 Resp: 551445
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 23.8 19.5 29.3



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.672 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BG033186.D
 Acq: 15 Mar 2018 21:02

Tgt Ion:232 Resp: 4999
 Ion Ratio Lower Upper
 232 100
 131 47.8 33.5 50.3
 130 0.0 2.2 3.2#
 166 27.9 24.8 37.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BG033186.D

Acq: 15 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8

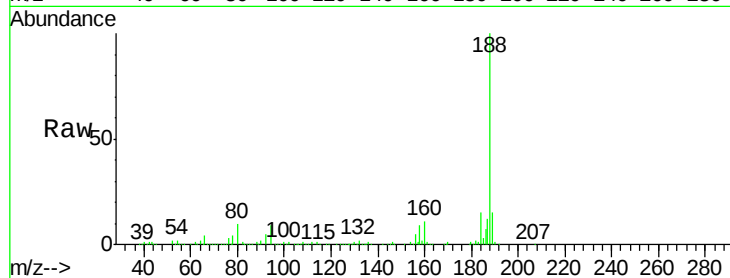
Tot Ion:188 Resp: 209402

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

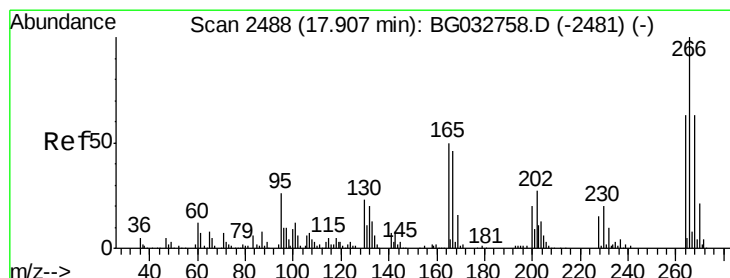
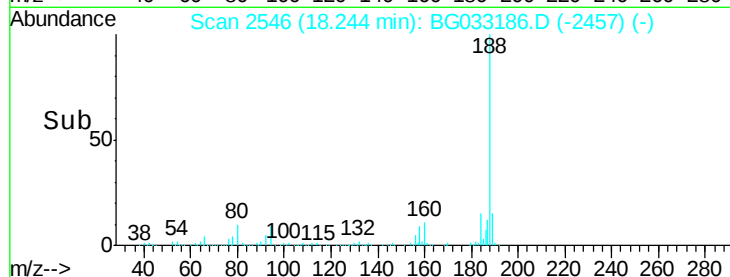
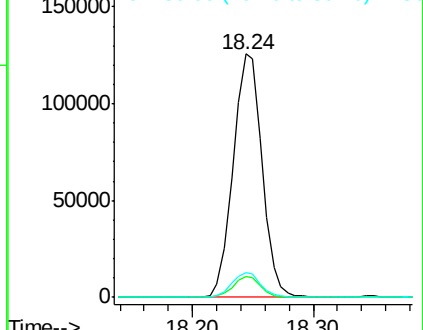
80 10.1 7.7 11.5



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



#69

Pentachlorophenol

Concen: 12.030 ng

RT: 17.89 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG033186.D

Acq: 15 Mar 2018 21:02

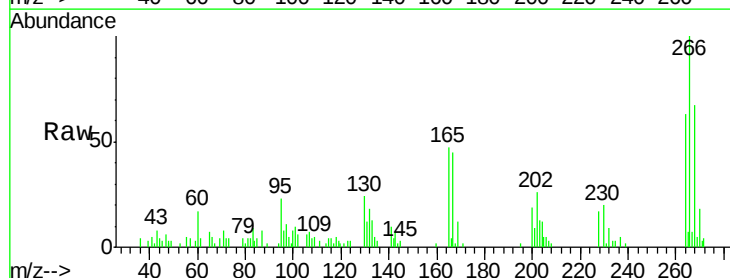
Tgt Ion:266 Resp: 18132

Ion Ratio Lower Upper

266 100

268 67.1 51.1 76.7

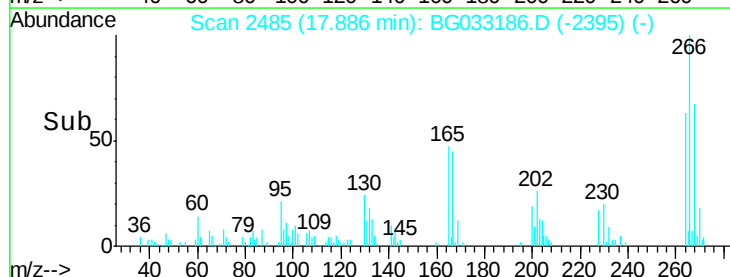
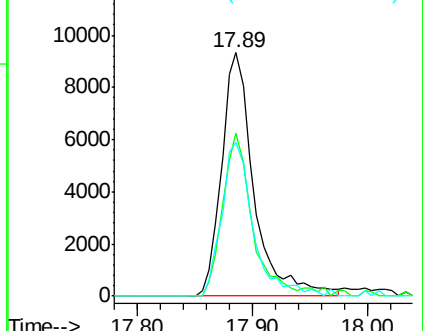
264 63.2 49.6 74.4

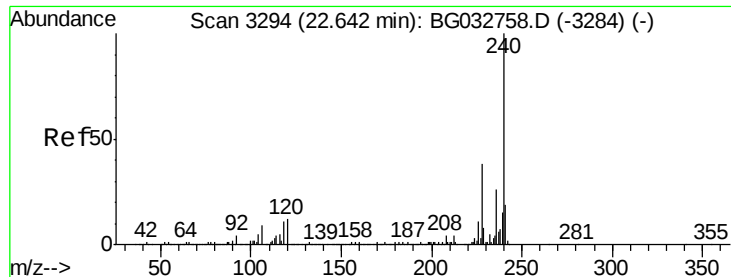


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

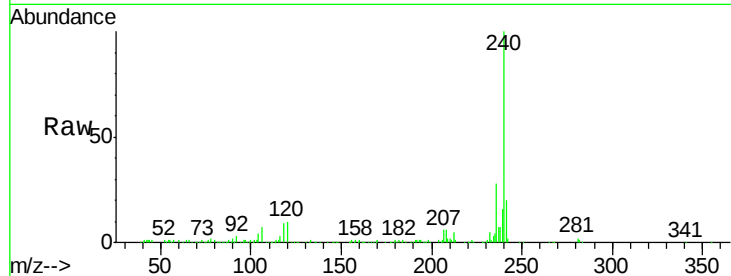




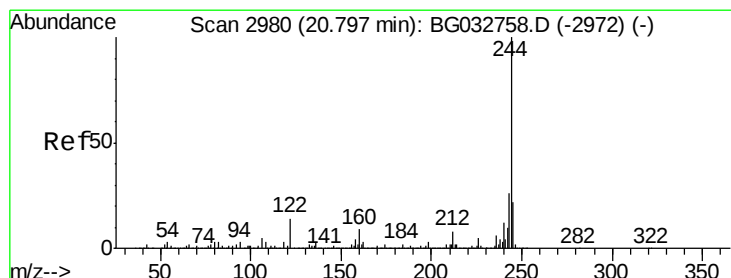
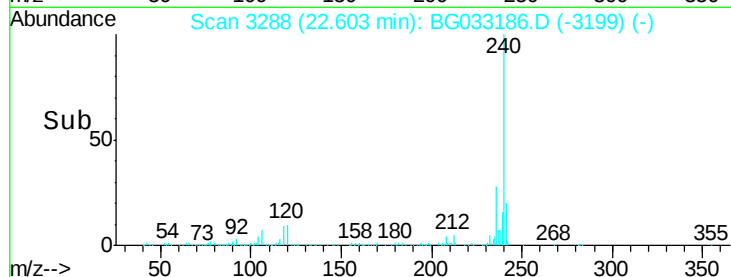
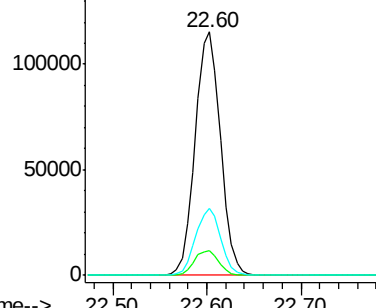
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3288
 Delta R.T. -0.01 min
 Lab File: BG033186.D
 Acq: 15 Mar 2018 21:02

Instrument :
 BNA_G
 ClientSampleId :
 OILY-DEBRIS-M8

Tot Ion:240 Resp: 216112
 Ion Ratio Lower Upper
 240 100
 120 10.0 6.8 10.2
 236 27.6 20.9 31.3

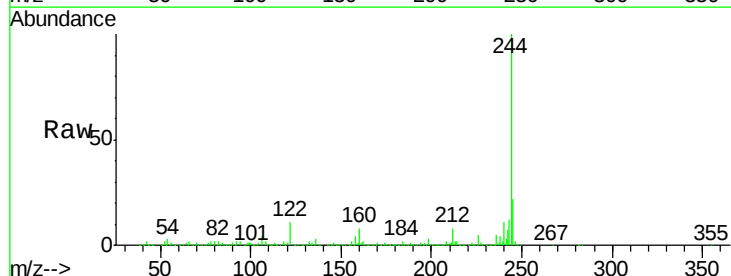


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

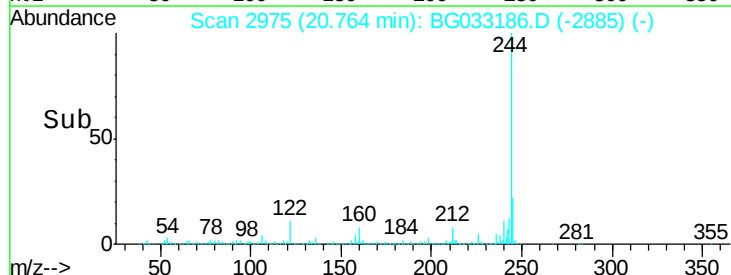
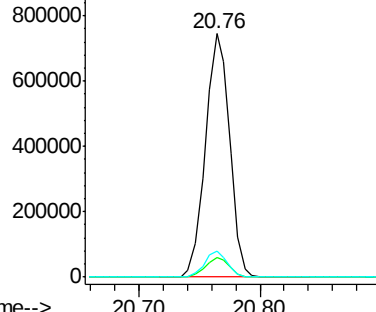


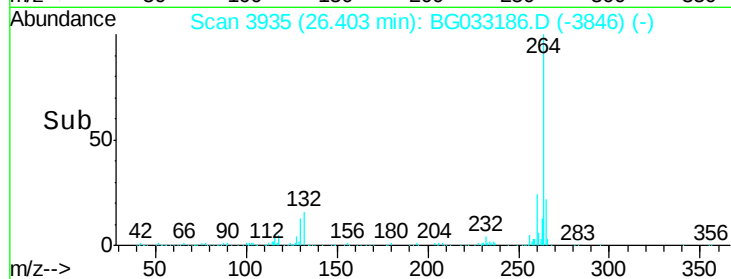
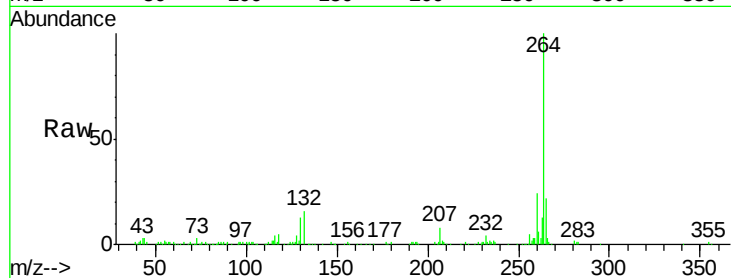
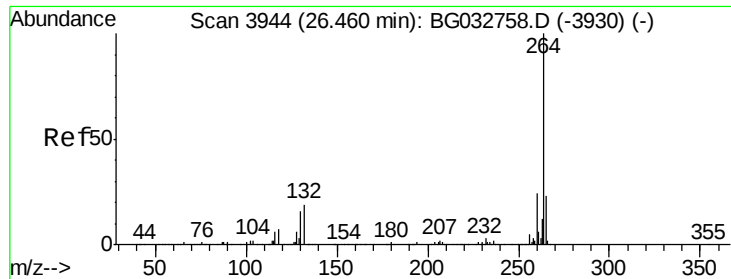
#78
 Terphenyl-d14
 Concen: 107.739 ng
 RT: 20.76 min Scan# 2975
 Delta R.T. 0.00 min
 Lab File: BG033186.D
 Acq: 15 Mar 2018 21:02

Tgt Ion:244 Resp: 1036339
 Ion Ratio Lower Upper
 244 100
 212 8.1 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

Pervlene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3935

Delta R.T. -0.01 min

Lab File: BG033186.D

Acq: 15 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

OILY-DEBRIS-M8

Tot Ion:264 Resp: 239057

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.2 17.7 26.5

