

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032484.D
 Acq On : 1 Feb 2018 4:03
 Operator : SJ/JU
 Sample : J1384-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-1

Quant Time: Feb 01 05:56:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	24573	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	96403	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	72115	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	199172	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	256744	20.00	ng	-0.01
86) Perylene-d12	26.08	264	283212	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	163323	133.50	ng	0.00
7) Phenol-d6	7.83	99	192171	117.71	ng	0.00
23) Nitrobenzene-d5	9.91	82	150090	97.24	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	221481	161.35	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	554226	91.35	ng	-0.01
78) Terphenyl-d14	20.62	244	1208574	100.83	ng	0.00

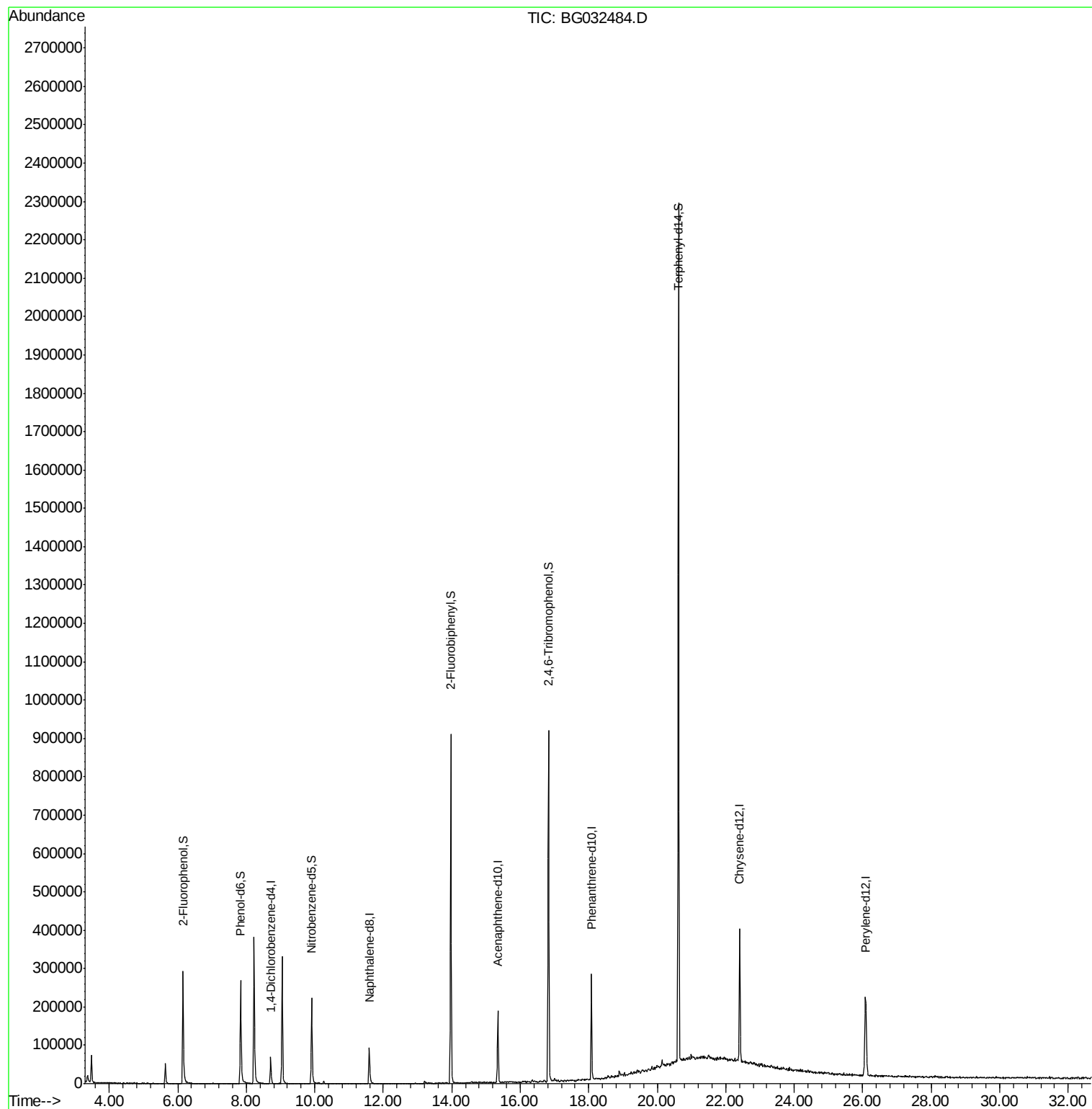
Target Compounds Qvalue

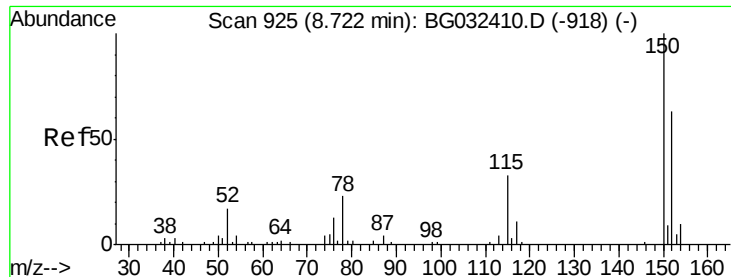
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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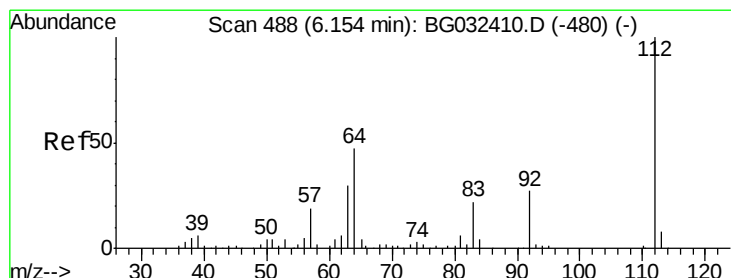
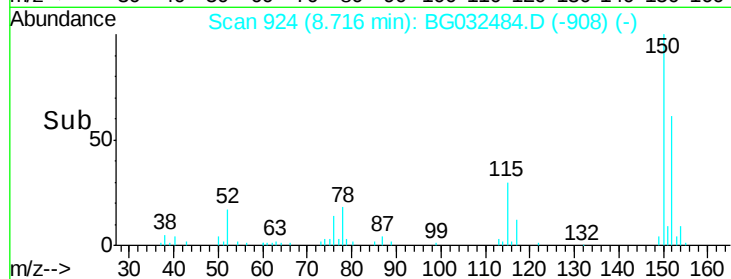
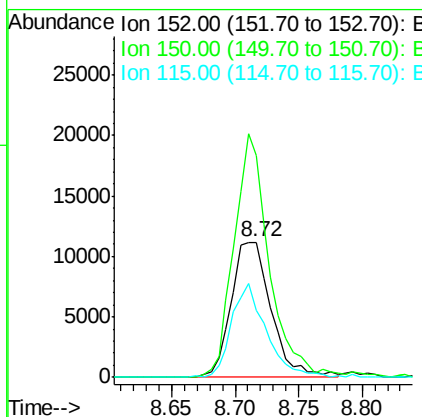
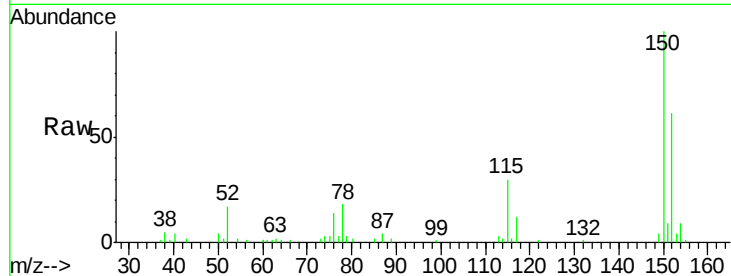


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032484.D
Acq: 1 Feb 2018 4:03

Instrument :
BNA_G
ClientSampleId :
OILY-STONES-1

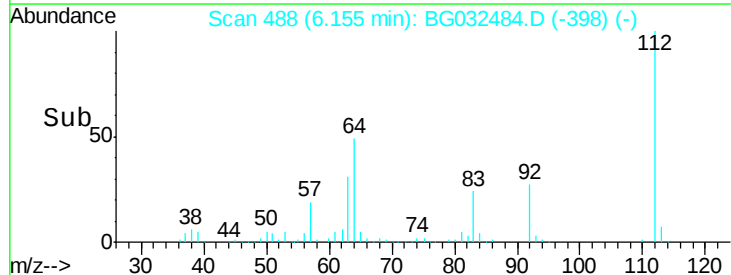
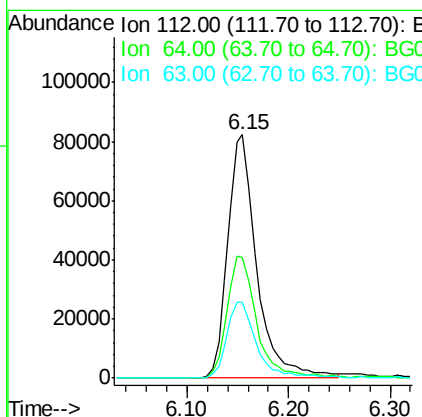
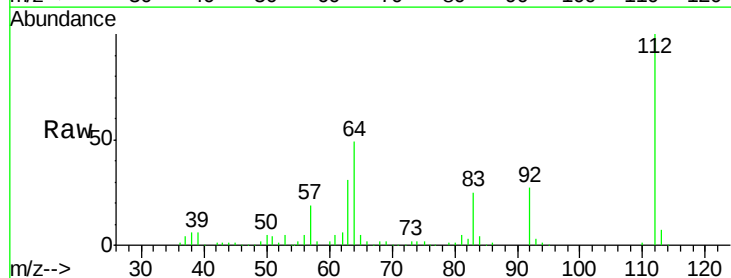
Tot Ion:152 Resp: 24573
Ion Ratio Lower Upper
152 100
150 164.2 126.6 189.8
115 49.5 53.0 79.4#

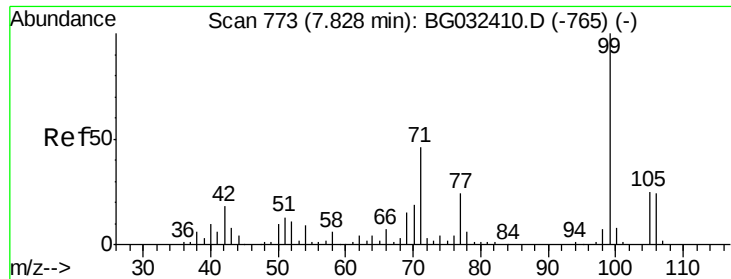


#5

2-Fluorophenol
Concen: 133.498 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032484.D
Acq: 1 Feb 2018 4:03

Tgt Ion:112 Resp: 163323
Ion Ratio Lower Upper
112 100
64 49.4 56.3 84.5#
63 31.5 30.1 45.1





#7

Phenol-d6

Concen: 117.712 ng

RT: 7.83 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-1

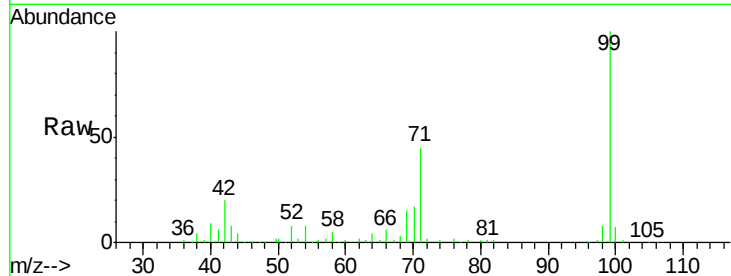
Tot Ion: 99 Resp: 192171

Ion Ratio Lower Upper

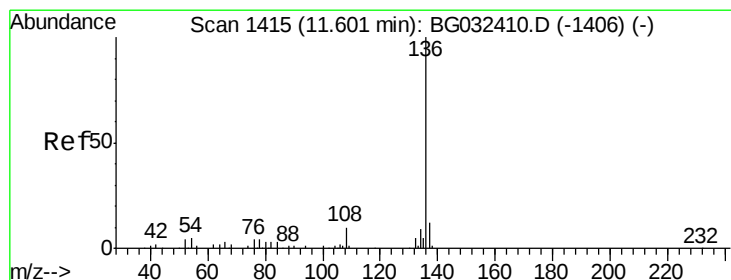
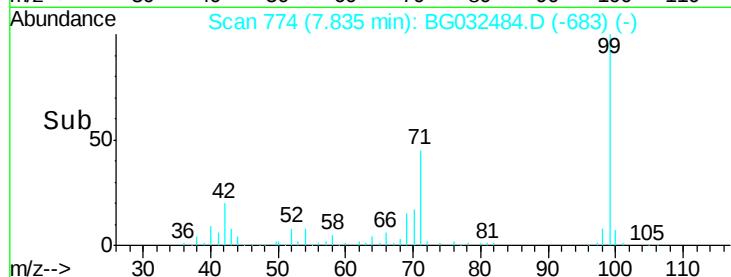
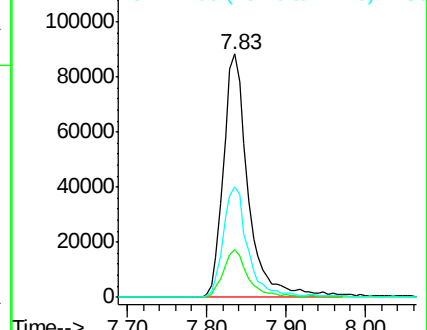
99 100

42 19.6 14.1 21.1

71 45.2 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

Tgt Ion: 136 Resp: 96403

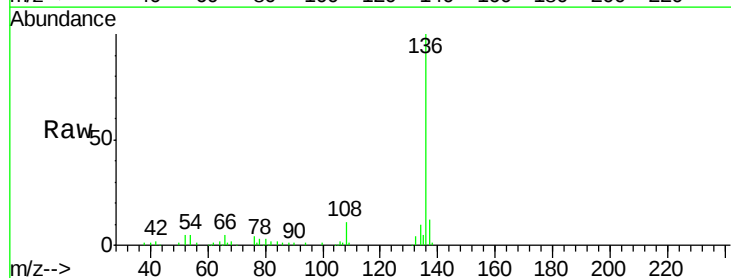
Ion Ratio Lower Upper

136 100

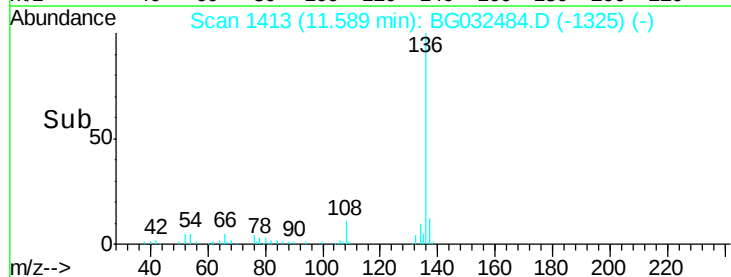
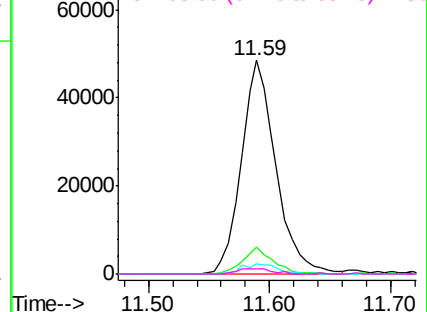
137 12.5 9.2 13.8

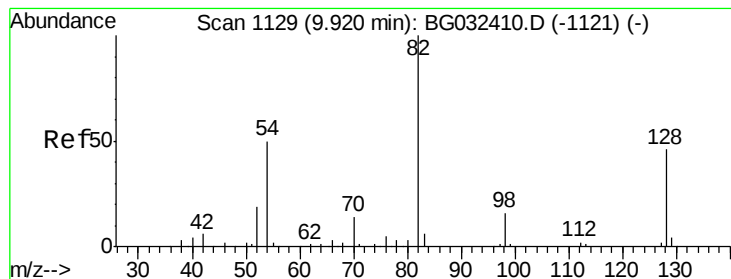
54 5.0 10.3 15.5#

68 2.2 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: 97.245 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-1

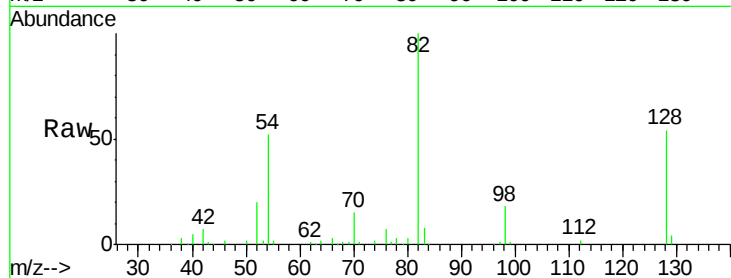
Tot Ion: 82 Resp: 150090

Ion Ratio Lower Upper

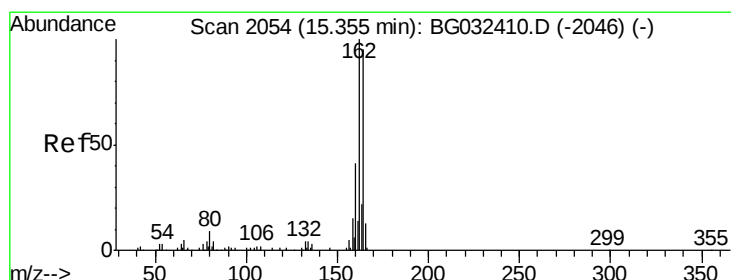
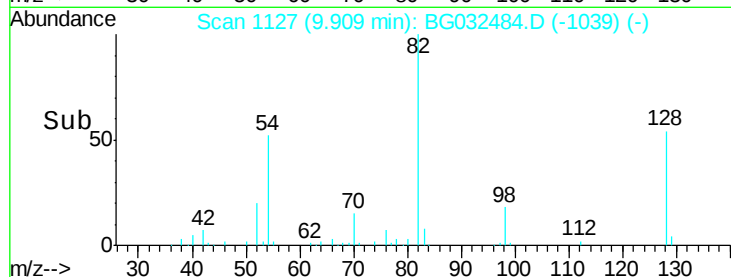
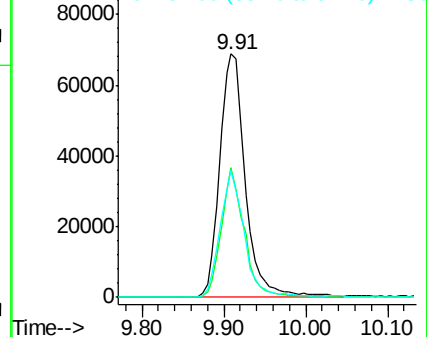
82 100

128 53.5 29.7 44.5#

54 52.4 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

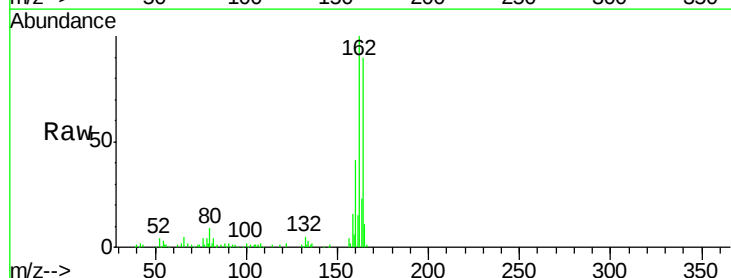
Tgt Ion:164 Resp: 72115

Ion Ratio Lower Upper

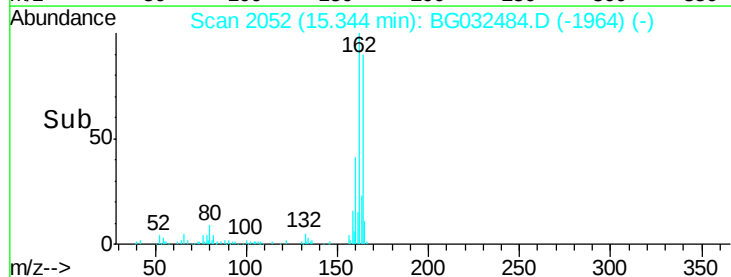
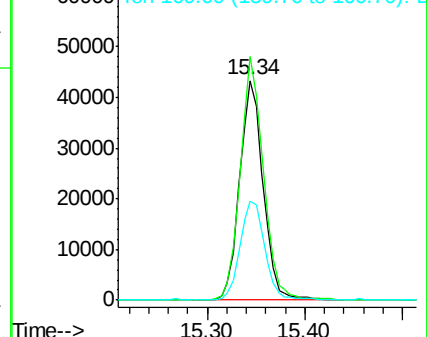
164 100

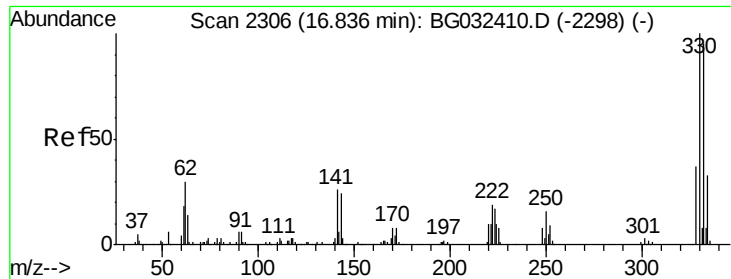
162 110.9 78.8 118.2

160 45.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

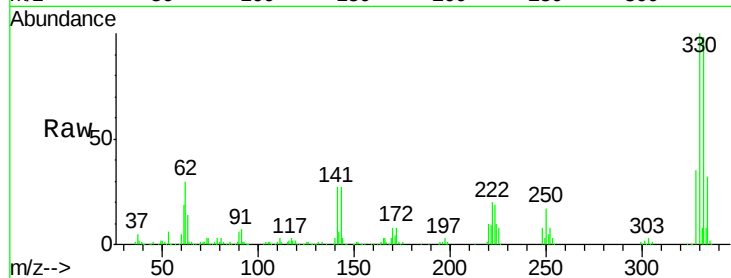




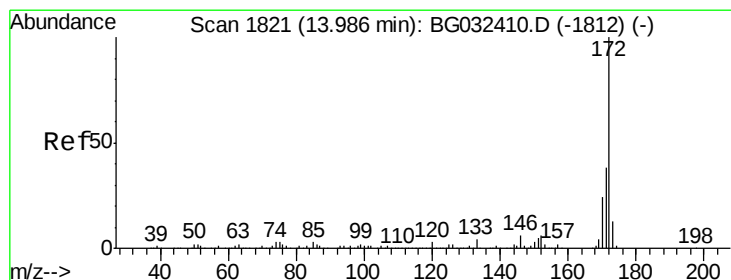
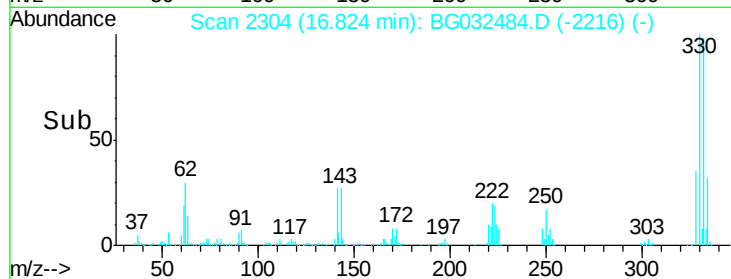
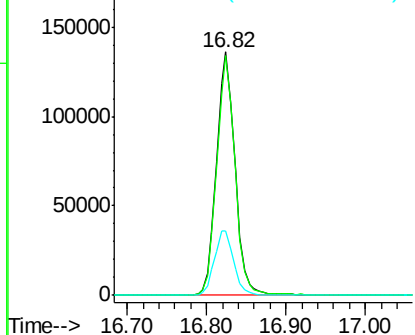
#41
 2,4,6-Tribromophenol
 Concen: 161.346 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032484.D
 Acq: 1 Feb 2018 4:03

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-1

Tot Ion:330 Resp: 221481
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 27.8 25.2 37.8

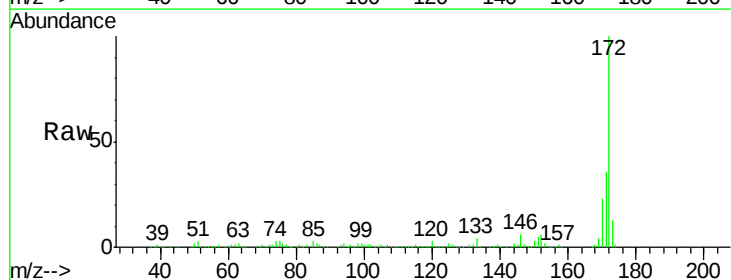


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

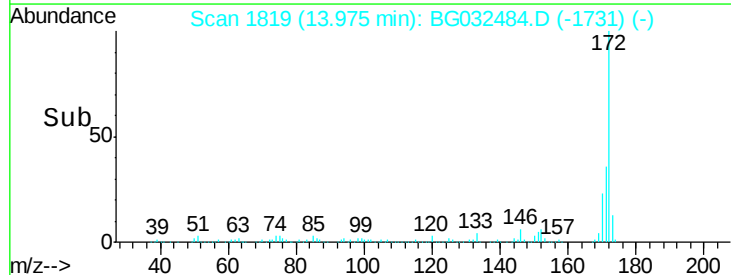
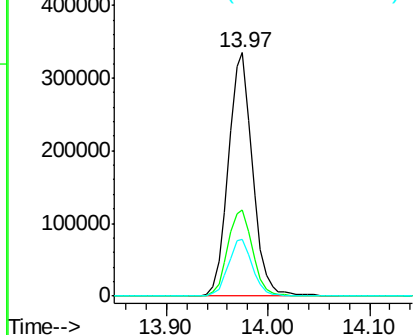


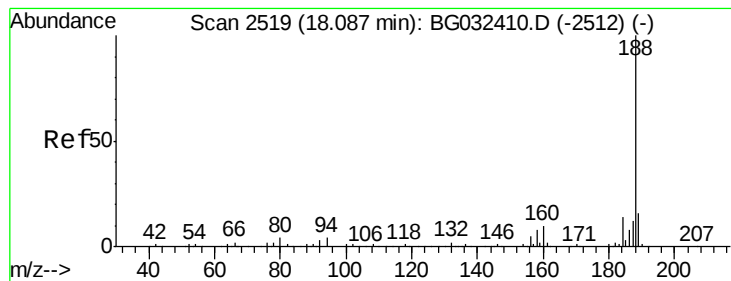
#44
 2-Fluorobiphenyl
 Concen: 91.345 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032484.D
 Acq: 1 Feb 2018 4:03

Tgt Ion:172 Resp: 554226
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 23.4 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: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-1

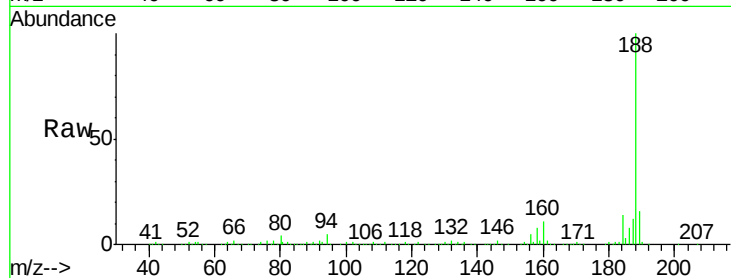
Tot Ion:188 Resp: 199172

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

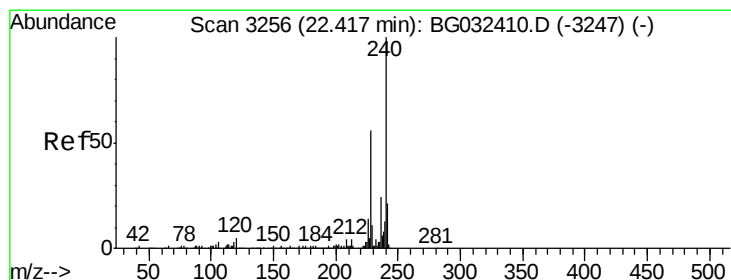
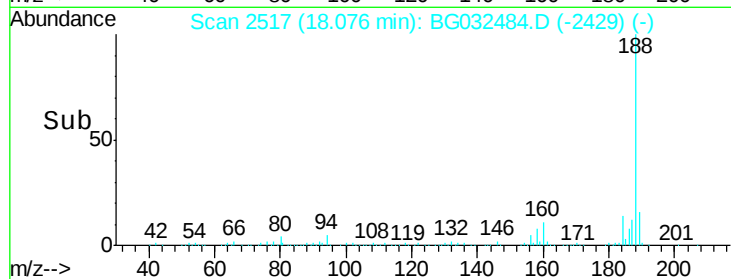
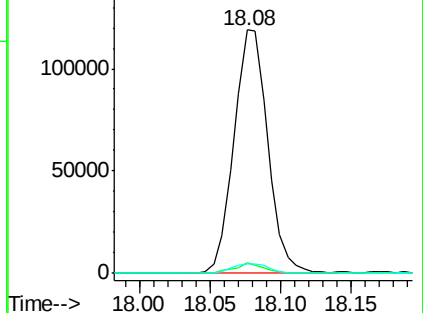
80 4.2 7.7 11.5#



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: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

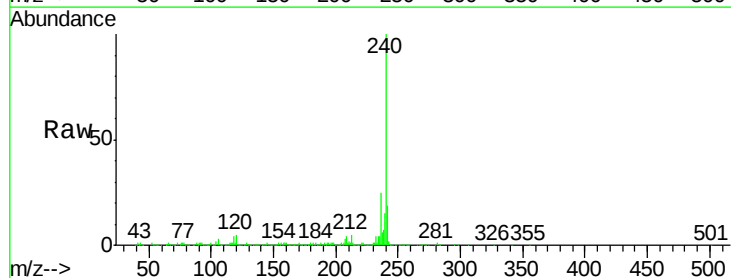
Tgt Ion:240 Resp: 256744

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

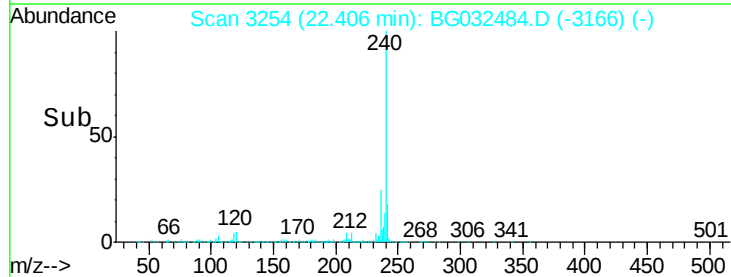
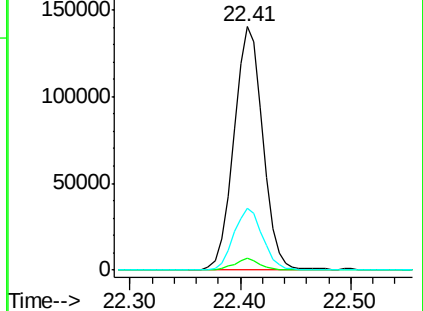
236 25.2 20.9 31.3

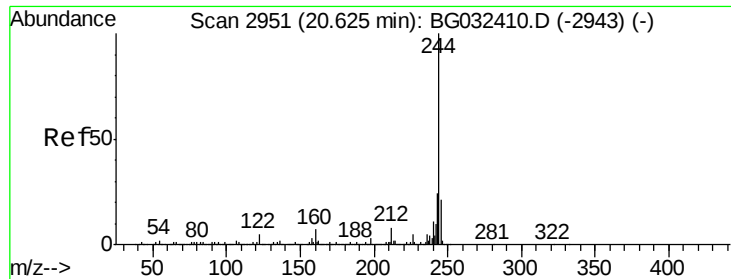


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.834 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-1

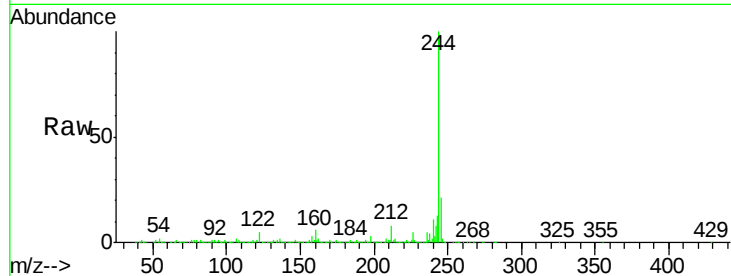
Tot Ion:244 Resp: 1208574

Ion Ratio Lower Upper

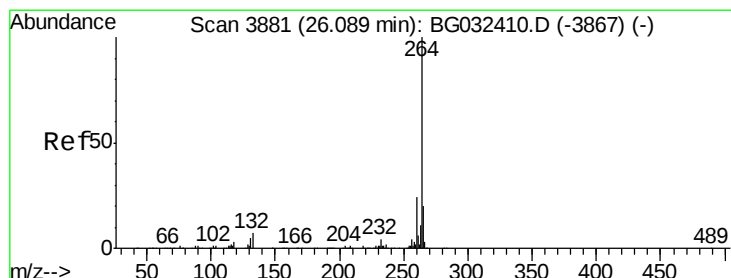
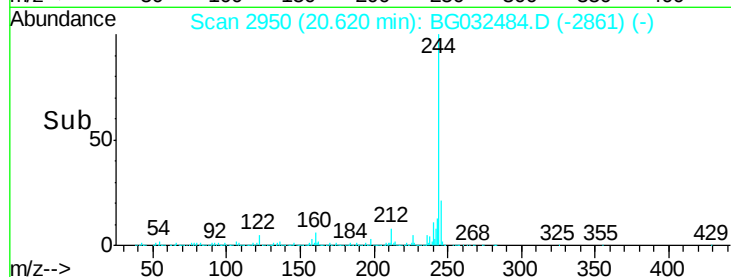
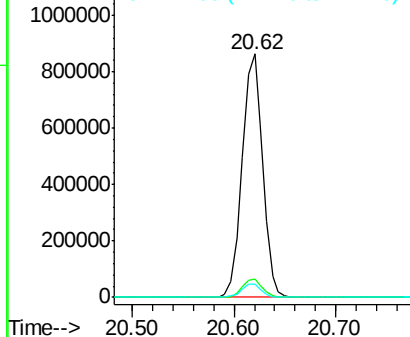
244 100

212 7.7 5.8 8.8

122 5.3 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: 26.08 min Scan# 3879

Delta R.T. -0.01 min

Lab File: BG032484.D

Acq: 1 Feb 2018 4:03

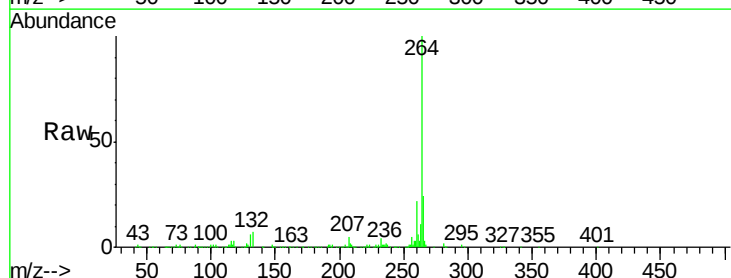
Tgt Ion:264 Resp: 283212

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 23.8 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

