

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032663.D
 Acq On : 13 Feb 2018 16:42
 Operator : SJ/JU
 Sample : J1520-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

Quant Time: Feb 13 17:35:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	36771	20.00	ng	0.00
21) Naphthalene-d8	11.54	136	140701	20.00	ng	0.00
38) Acenaphthene-d10	15.30	164	102042	20.00	ng	0.00
63) Phenanthrene-d10	18.04	188	273412	20.00	ng	0.00
75) Chrysene-d12	22.37	240	354269	20.00	ng	0.00
86) Perylene-d12	26.01	264	360551	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	252190	137.60	ng	0.00
7) Phenol-d6	7.79	99	277759	110.83	ng	0.00
23) Nitrobenzene-d5	9.87	82	226356	102.25	ng	0.00
41) 2,4,6-Tribromophenol	16.78	330	222258	141.45	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	753187	92.30	ng	0.00
78) Terphenyl-d14	20.59	244	1461685	94.04	ng	0.00

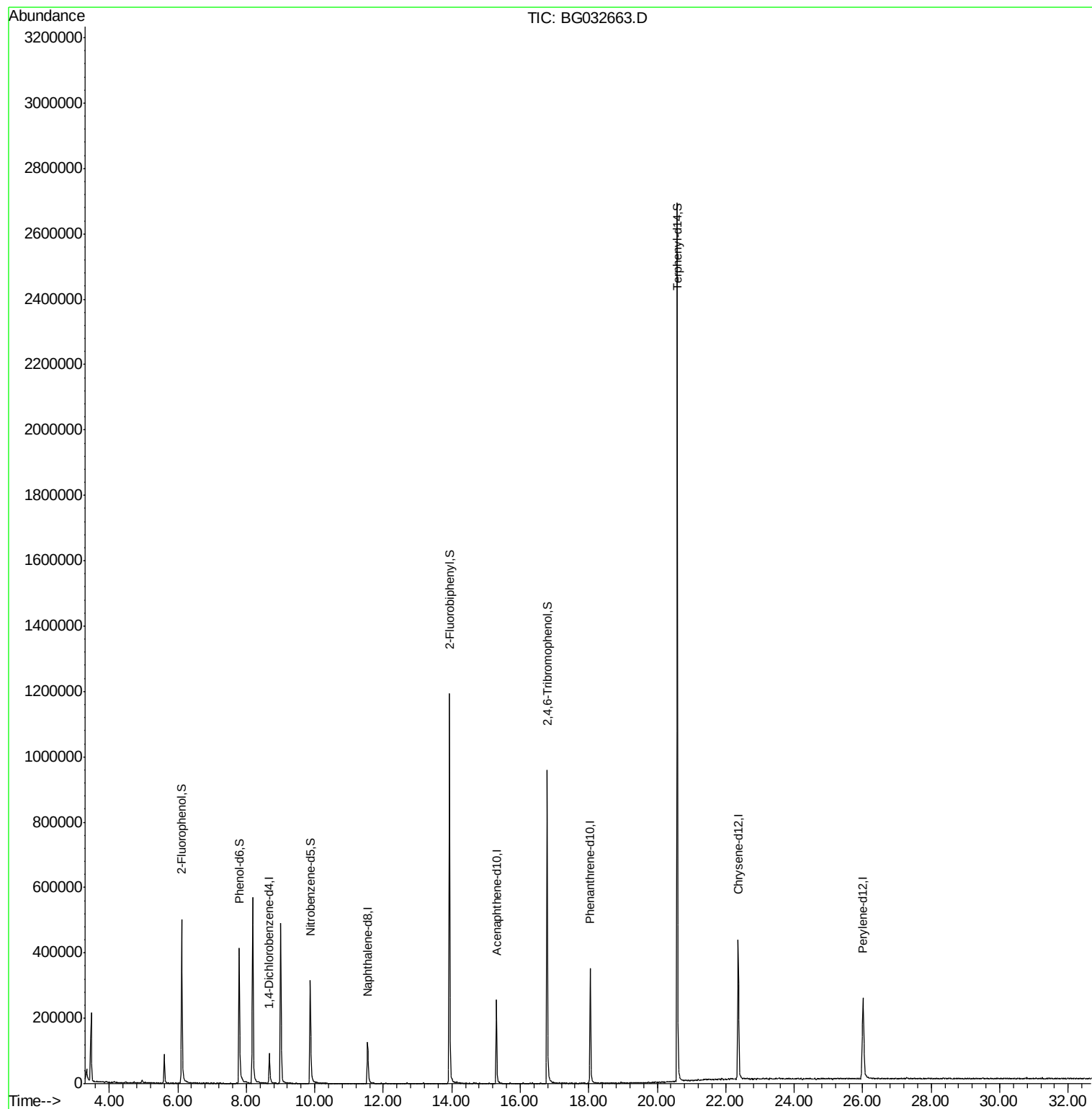
Target Compounds Qvalue

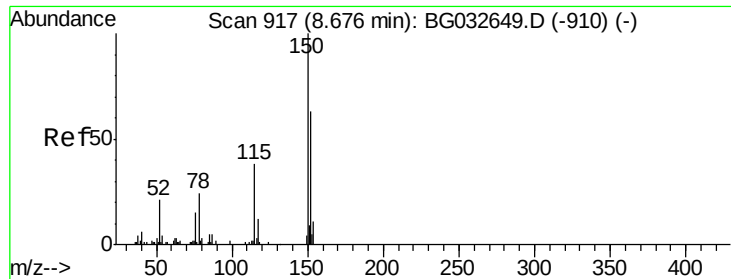
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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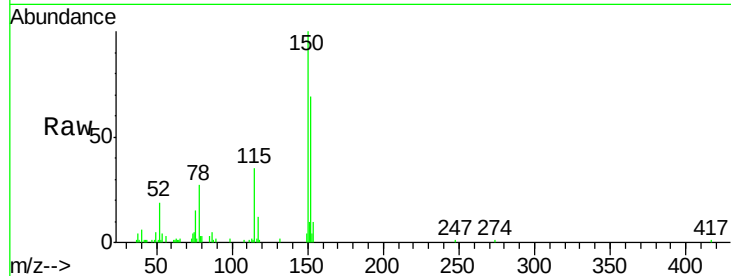


#1

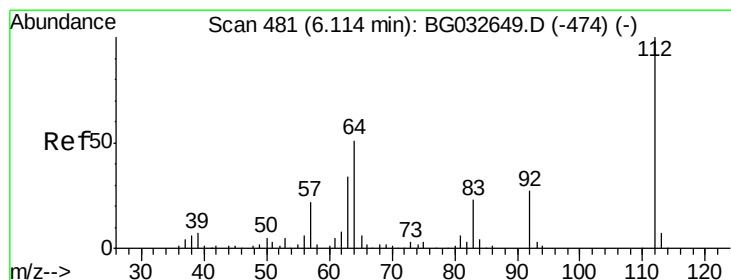
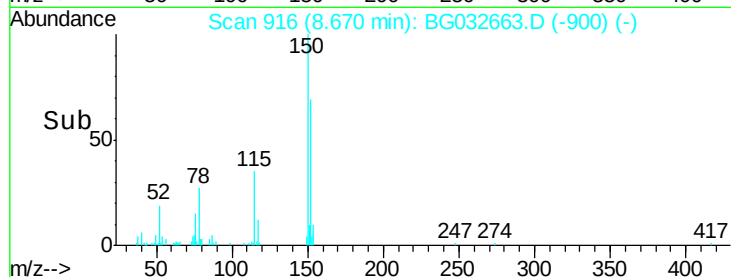
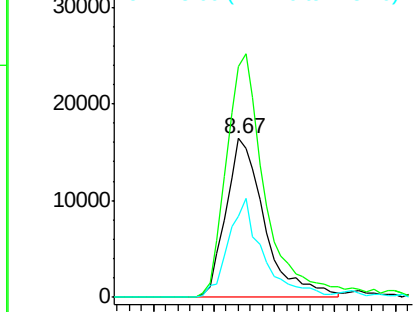
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG032663.D
Acq: 13 Feb 2018 16:42

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tot Ion:152 Resp: 36771
Ion Ratio Lower Upper
152 100
150 145.2 126.6 189.8
115 51.4 53.0 79.4#



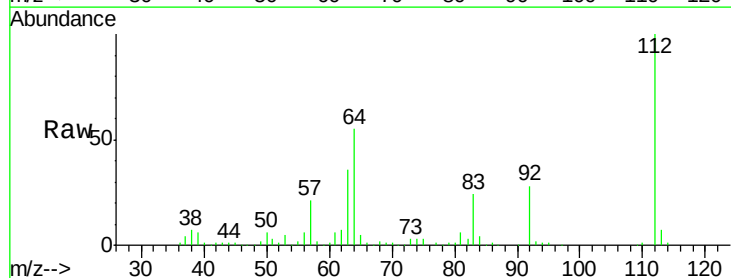
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



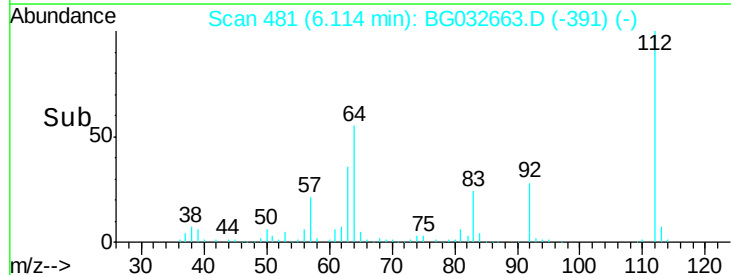
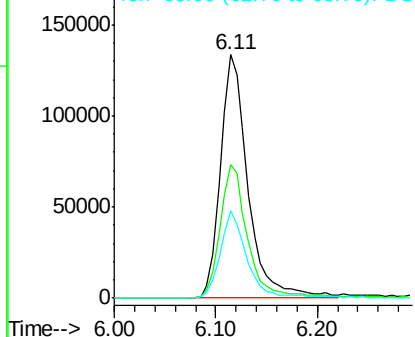
#5

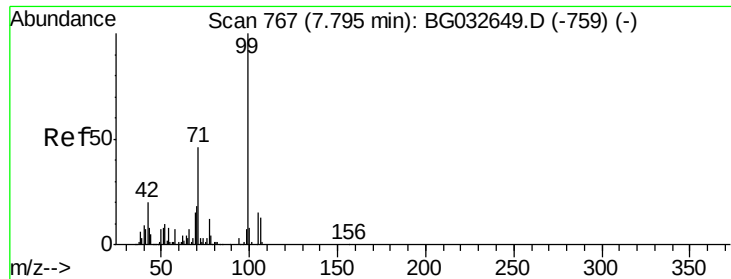
2-Fluorophenol
Concen: 137.603 ng
RT: 6.11 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG032663.D
Acq: 13 Feb 2018 16:42

Tgt Ion:112 Resp: 252190
Ion Ratio Lower Upper
112 100
64 54.7 56.3 84.5#
63 35.9 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: 110.835 ng

RT: 7.79 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG032663.D

Acq: 13 Feb 2018 16:42

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

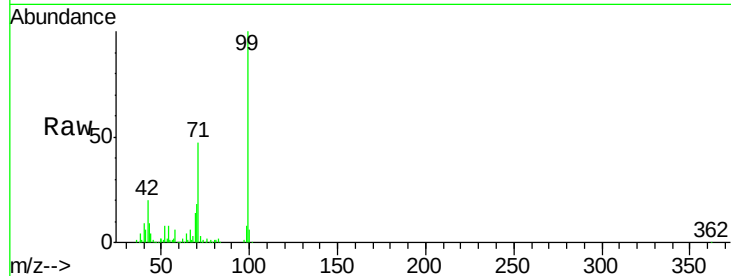
Tot Ion: 99 Resp: 277759

Ion Ratio Lower Upper

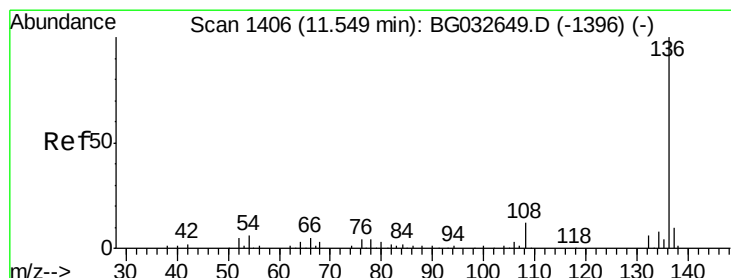
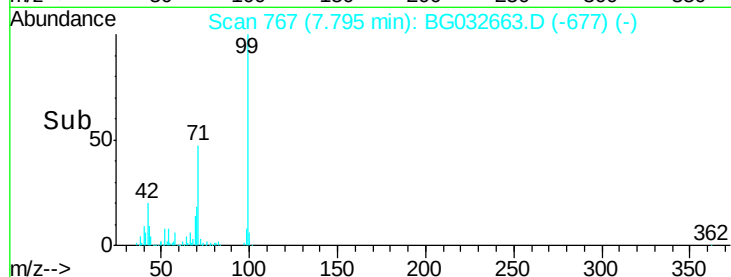
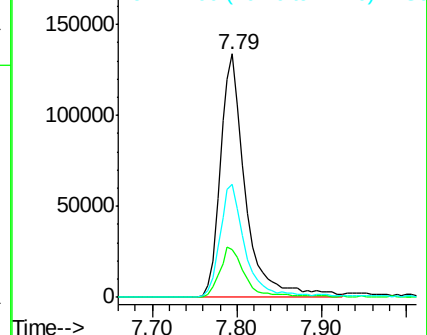
99 100

42 19.8 14.1 21.1

71 46.5 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: 11.54 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG032663.D

Acq: 13 Feb 2018 16:42

Tgt Ion: 136 Resp: 140701

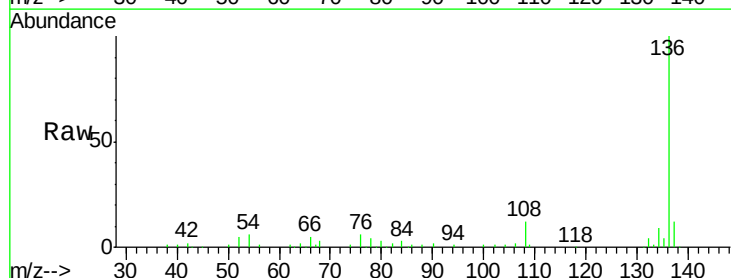
Ion Ratio Lower Upper

136 100

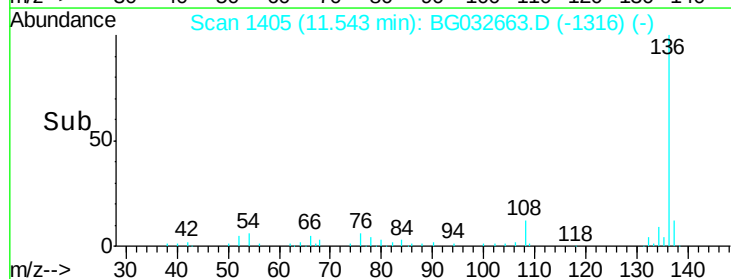
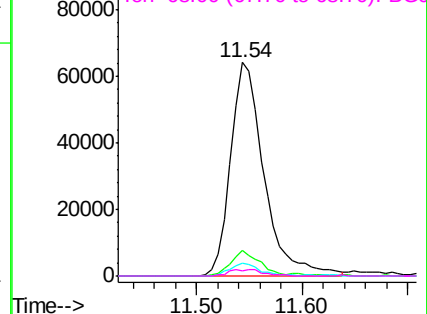
137 11.8 9.2 13.8

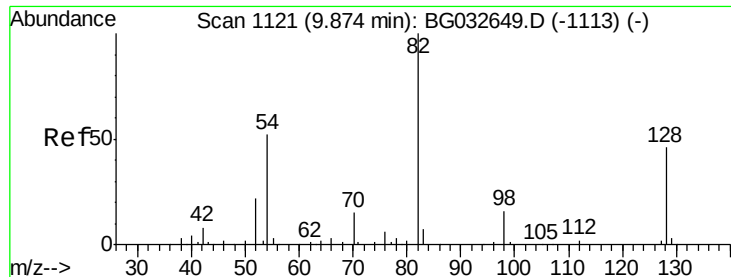
54 5.9 10.3 15.5#

68 2.5 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

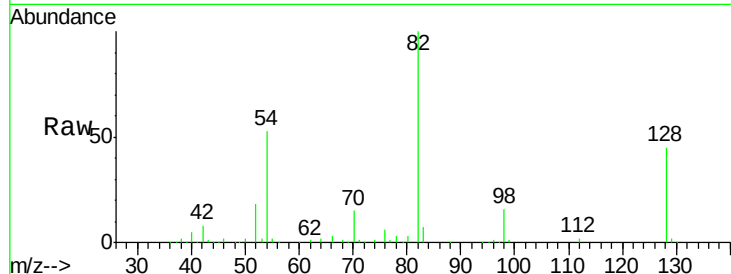




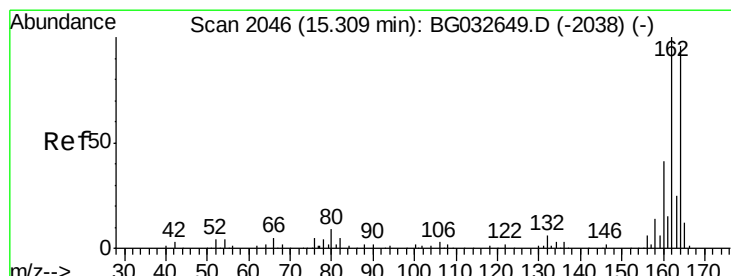
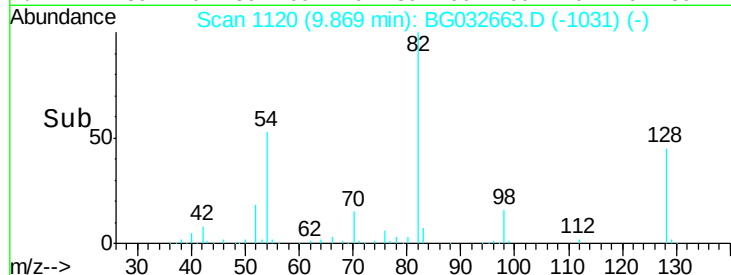
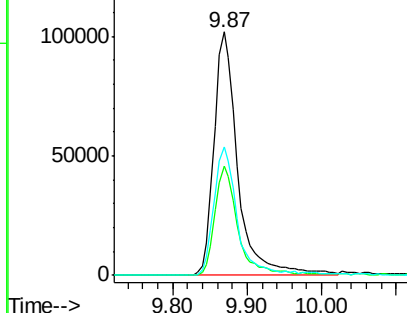
#23
Nitrobenzene-d5
Concen: 102.246 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BG032663.D
Acq: 13 Feb 2018 16:42

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tot Ion: 82 Resp: 226356
Ion Ratio Lower Upper
82 100
128 44.9 29.7 44.5#
54 52.8 43.1 64.7

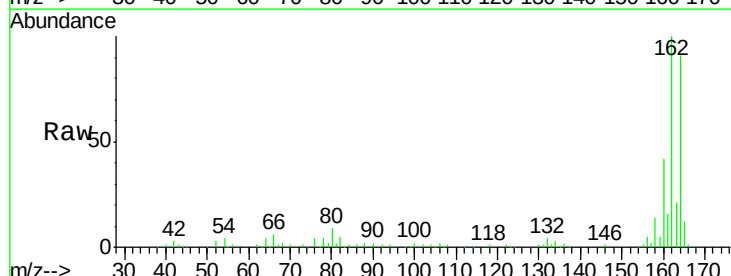


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

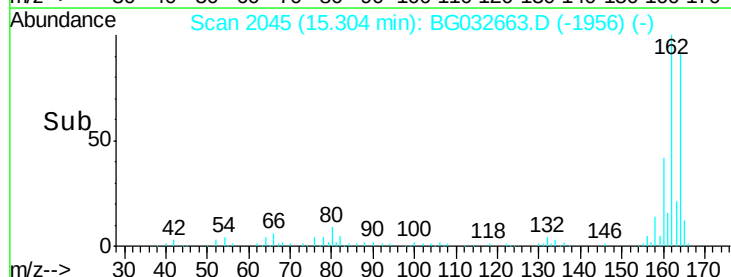
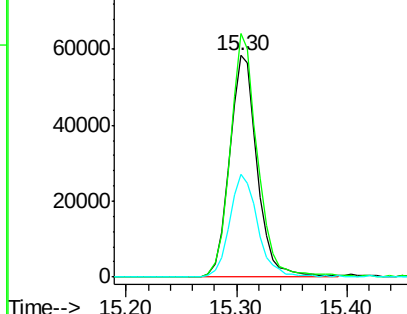


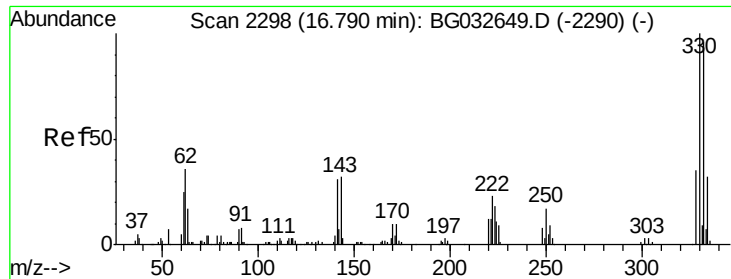
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.30 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG032663.D
Acq: 13 Feb 2018 16:42

Tgt Ion:164 Resp: 102042
Ion Ratio Lower Upper
164 100
162 110.0 78.8 118.2
160 46.5 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: 141.455 ng

RT: 16.78 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BG032663.D

Acq: 13 Feb 2018 16:42

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

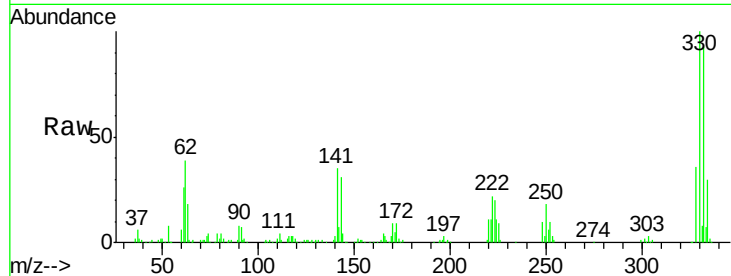
Tot Ion:330 Resp: 22258

Ion Ratio Lower Upper

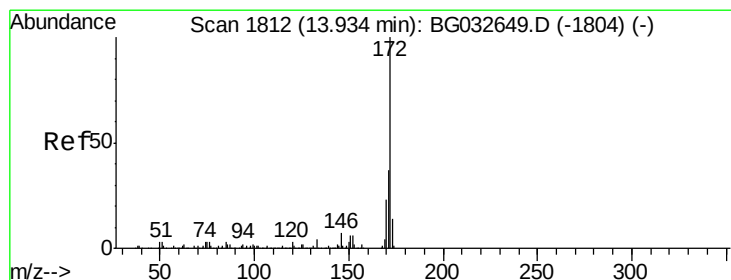
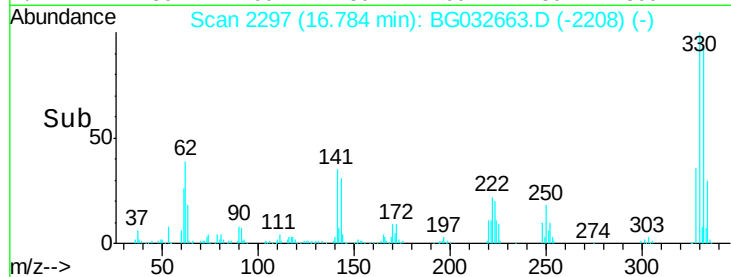
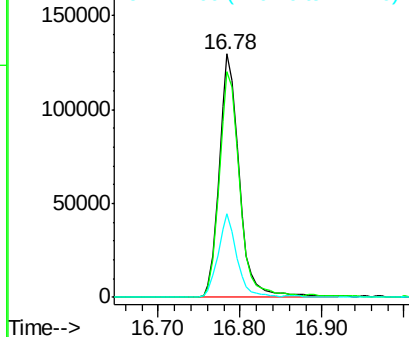
330 100

332 93.7 77.0 115.6

141 32.1 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: 92.303 ng

RT: 13.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BG032663.D

Acq: 13 Feb 2018 16:42

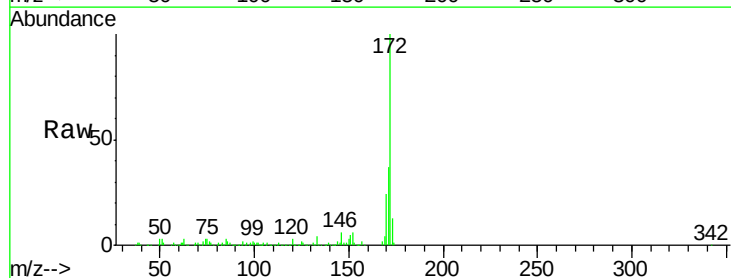
Tgt Ion:172 Resp: 753187

Ion Ratio Lower Upper

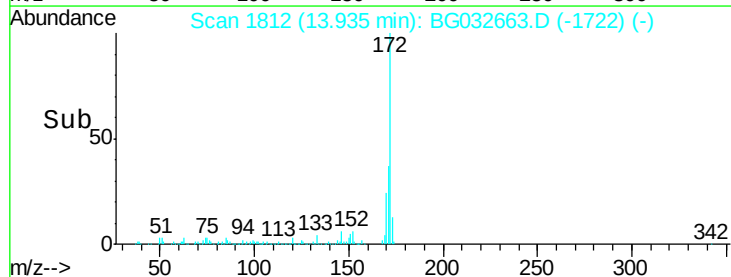
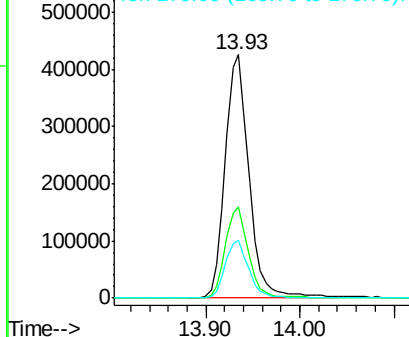
172 100

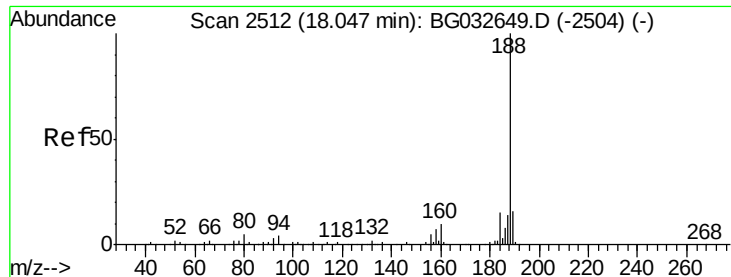
171 37.3 30.0 45.0

170 23.8 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: 18.04 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BG032663.D

Acq: 13 Feb 2018 16:42

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

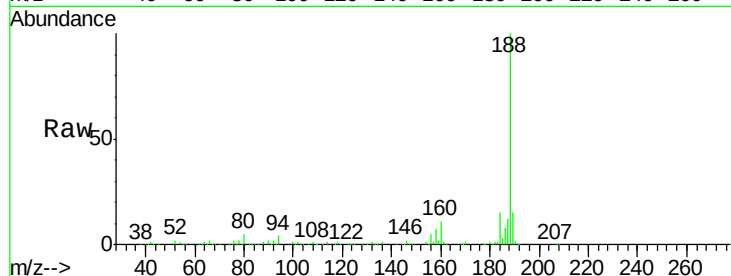
Tot Ion:188 Resp: 273412

Ion Ratio Lower Upper

188 100

94 3.7 6.9 10.3#

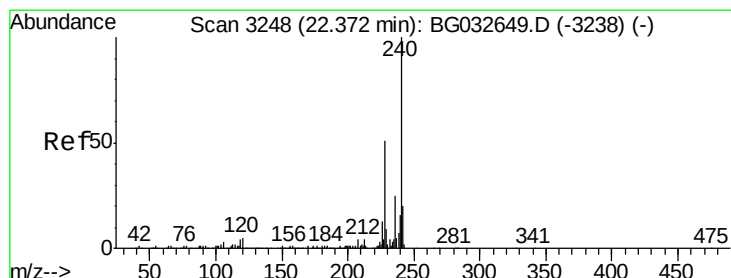
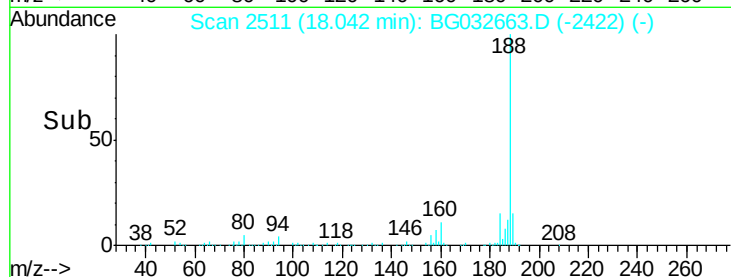
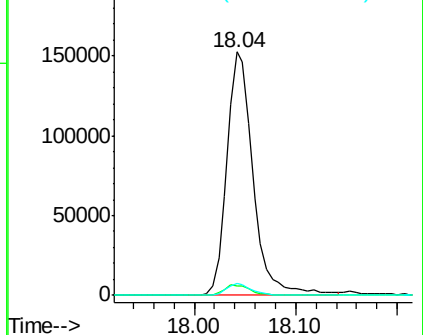
80 4.9 7.7 11.5#



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: 22.37 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG032663.D

Acq: 13 Feb 2018 16:42

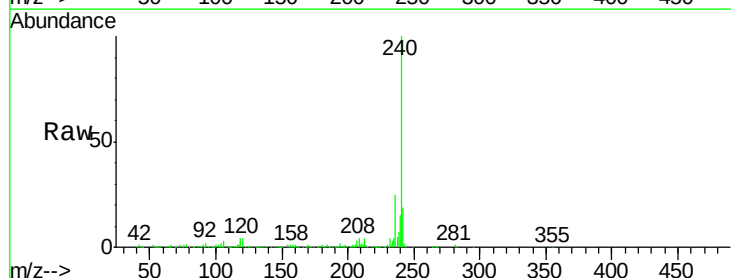
Tgt Ion:240 Resp: 354269

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

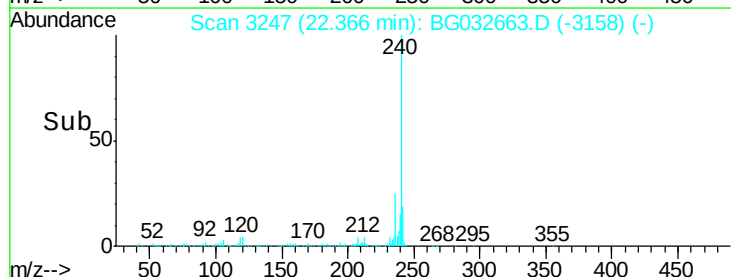
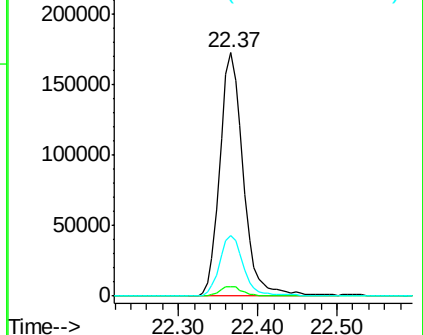
236 25.0 20.9 31.3

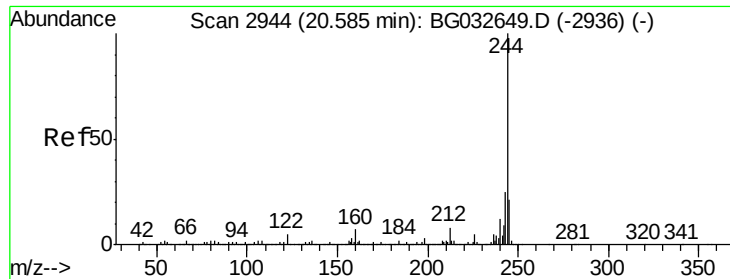


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.038 ng

RT: 20.59 min Scan# 2944

Delta R.T. 0.00 min

Lab File: BG032663.D

Acq: 13 Feb 2018 16:42

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

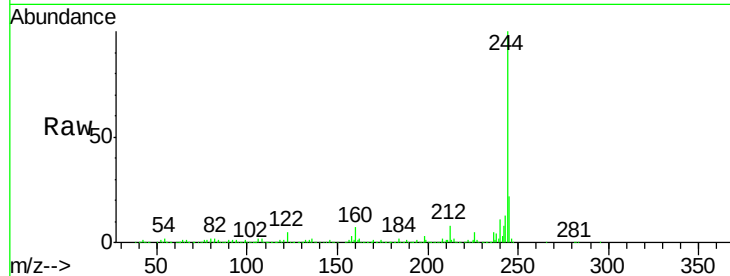
Tot Ion:244 Resp: 1461685

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

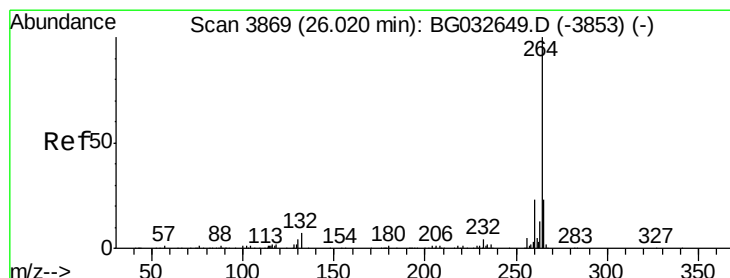
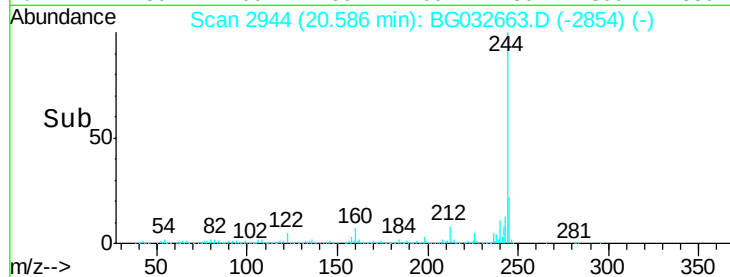
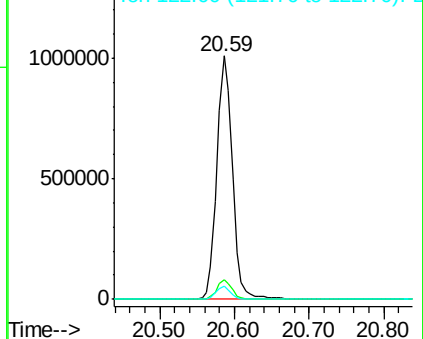
122 5.3 7.0 10.4



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: 26.01 min Scan# 3867

Delta R.T. -0.01 min

Lab File: BG032663.D

Acq: 13 Feb 2018 16:42

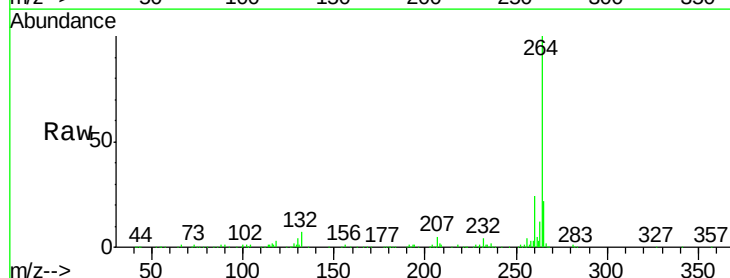
Tgt Ion:264 Resp: 360551

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.6 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

