

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036647.D
 Acq On : 11 Sep 2018 5:25
 Operator : JU/SJ
 Sample : J4829-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-3-4FT

Quant Time: Sep 11 07:35:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

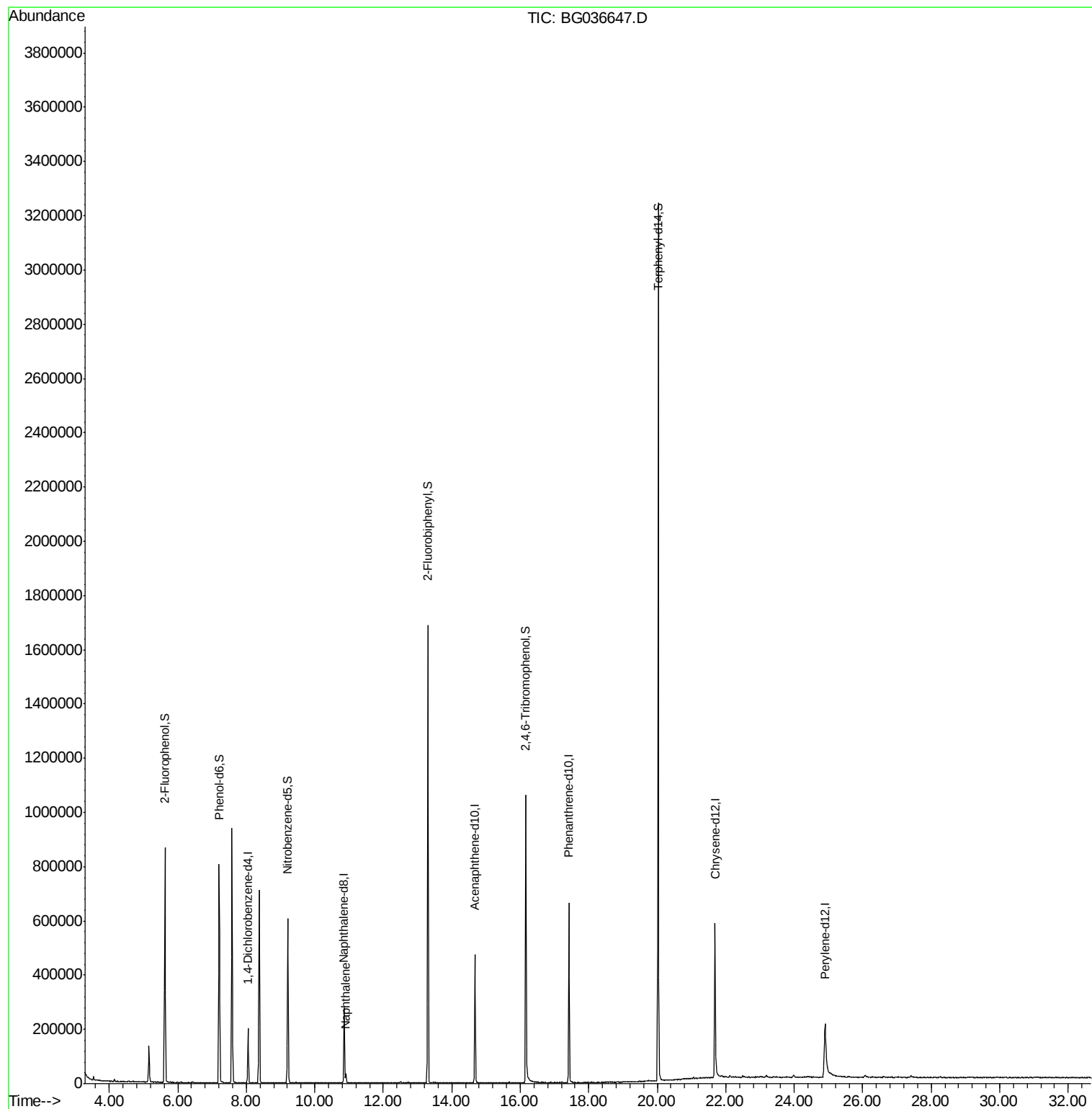
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56588	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	243266	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	168520	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	419018	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	423029	20.00	ng	-0.01
86) Perylene-d12	24.90	264	320313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	375393	105.23	ng	0.00
7) Phenol-d6	7.21	99	471574	92.33	ng	-0.01
23) Nitrobenzene-d5	9.22	82	376099	83.88	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	212180	105.52	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	881377	74.68	ng	-0.01
78) Terphenyl-d14	20.03	244	1530578	84.57	ng	0.00
Target Compounds						
31) Naphthalene	10.91	128	29234	2.404	ng	Qvalue 99

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

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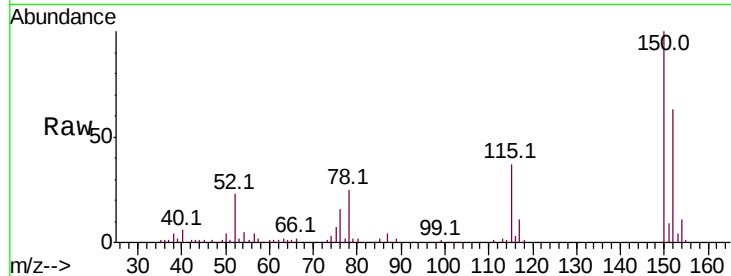


#1

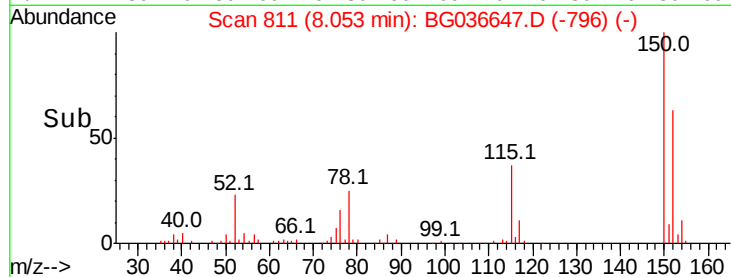
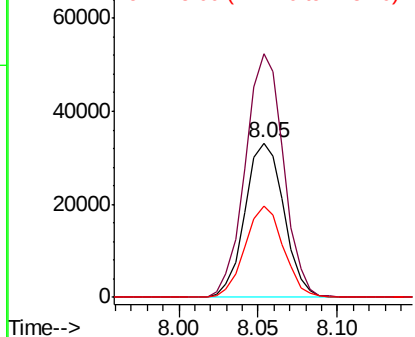
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036647.D
Acq: 11 Sep 2018 5:25

Instrument :
BNA_G
ClientSampleId :
OILY-STONES-3-4FT

Tot Ion:152 Resp: 56588
Ion Ratio Lower Upper
152 100
150 157.7 119.5 179.3
115 58.9 44.5 66.7



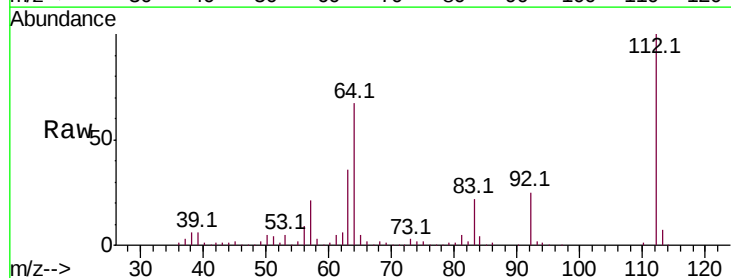
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



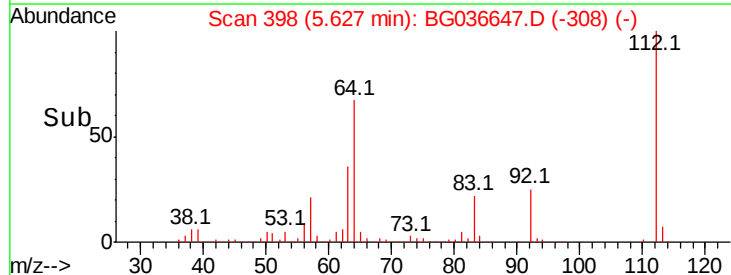
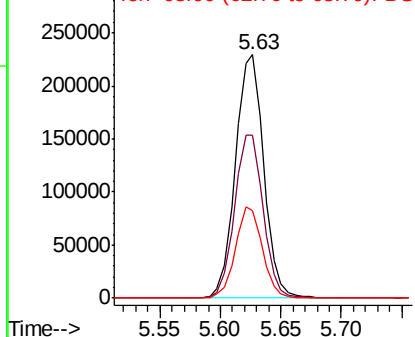
#5

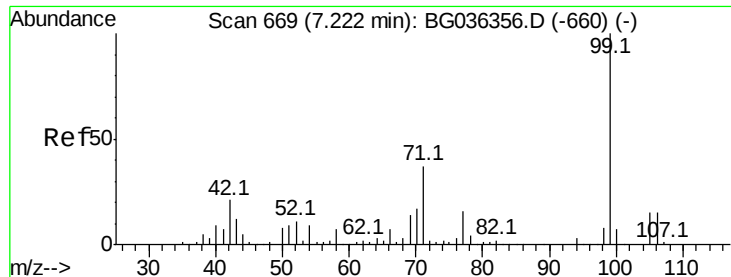
2-Fluorophenol
Concen: 105.231 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036647.D
Acq: 11 Sep 2018 5:25

Tgt Ion:112 Resp: 375393
Ion Ratio Lower Upper
112 100
64 67.2 57.2 85.8
63 35.9 30.8 46.2



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: 92.330 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036647.D

Acq: 11 Sep 2018 5:25

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-3-4FT

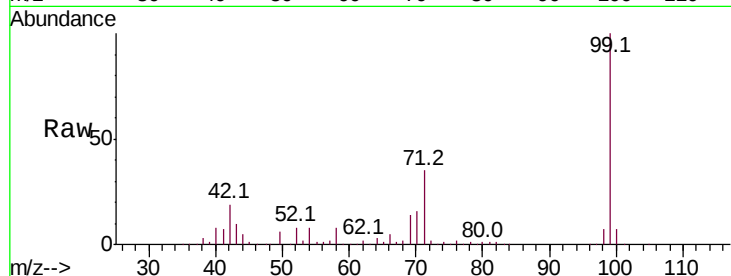
Tot Ion: 99 Resp: 471574

Ion Ratio Lower Upper

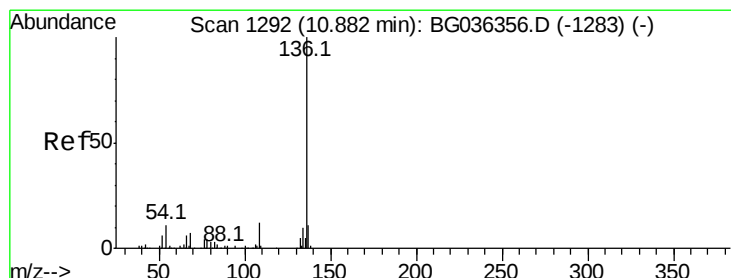
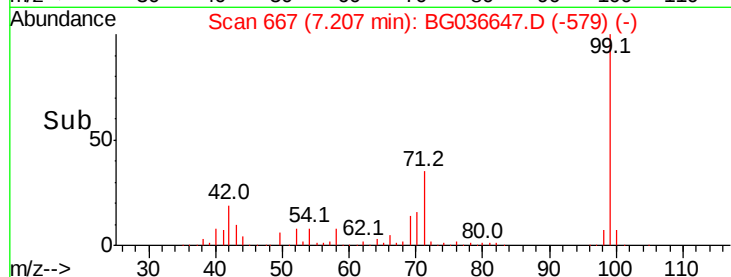
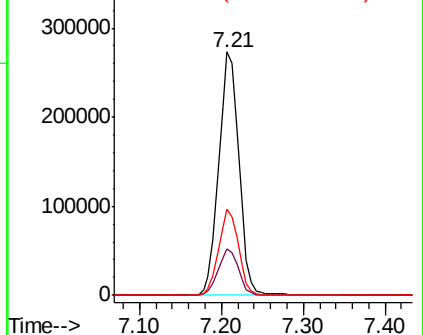
99 100

42 18.9 16.5 24.7

71 35.4 29.4 44.2



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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036647.D

Acq: 11 Sep 2018 5:25

Tgt Ion: 136 Resp: 243266

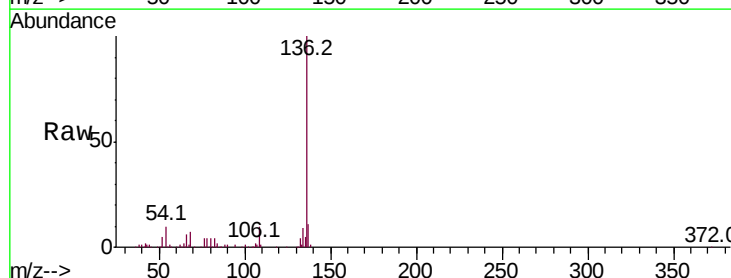
Ion Ratio Lower Upper

136 100

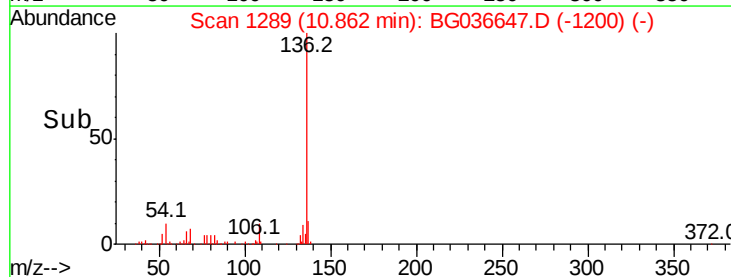
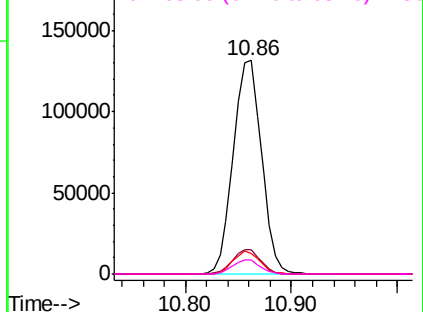
137 11.2 8.8 13.2

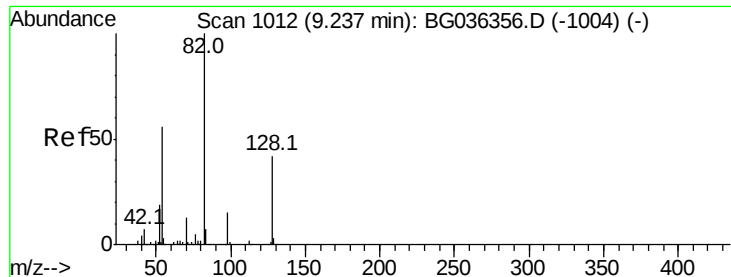
54 9.6 9.2 13.8

68 6.9 5.8 8.6



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

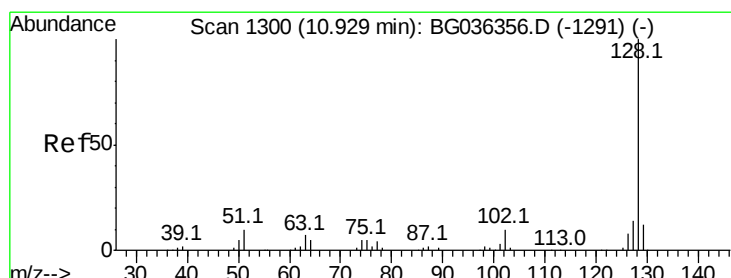
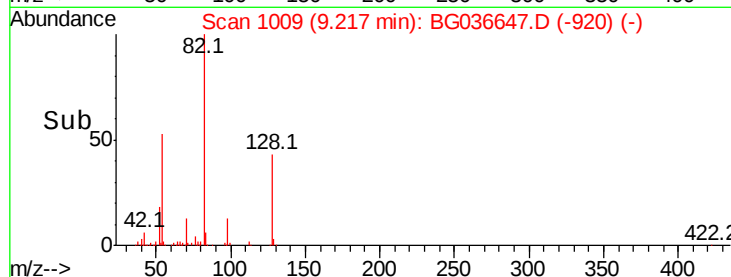
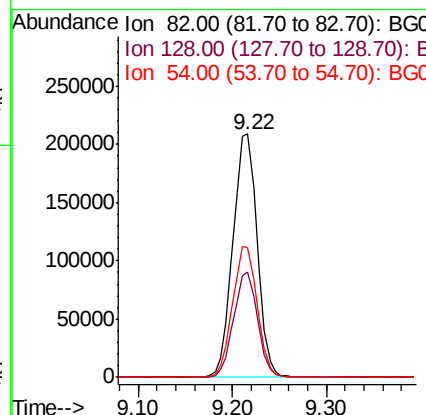
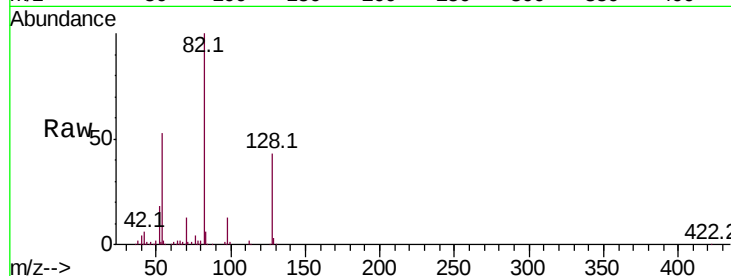




#23
 Nitrobenzene-d5
 Concen: 83.883 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036647.D
 Acq: 11 Sep 2018 5:25

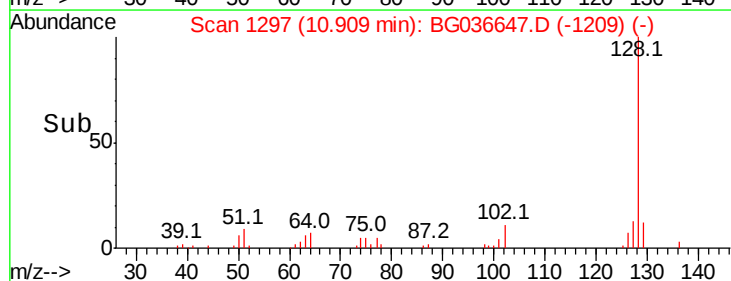
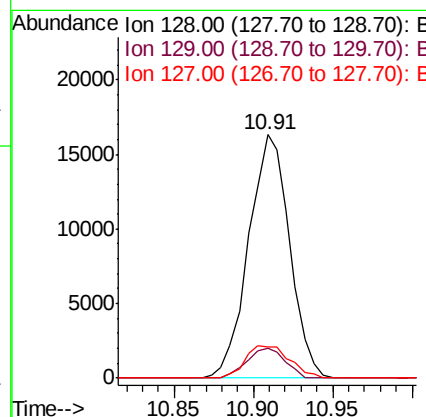
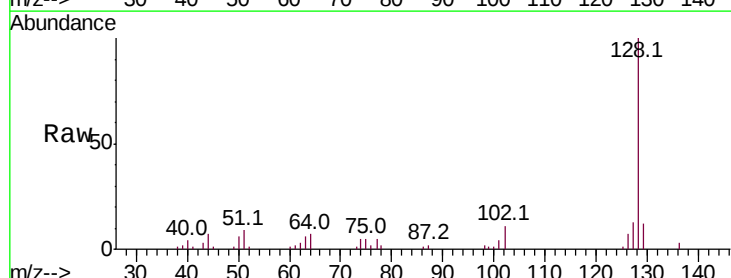
Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-3-4FT

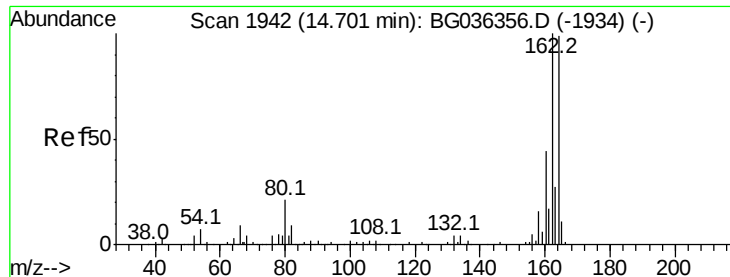
Tot Ion: 82 Resp: 376099
 Ion Ratio Lower Upper
 82 100
 128 43.2 33.3 49.9
 54 53.0 45.1 67.7



#31
 Naphthalene
 Concen: 2.404 ng
 RT: 10.91 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG036647.D
 Acq: 11 Sep 2018 5:25

Tgt Ion: 128 Resp: 29234
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.4 14.2
 127 13.0 11.0 16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036647.D

Acq: 11 Sep 2018 5:25

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-3-4FT

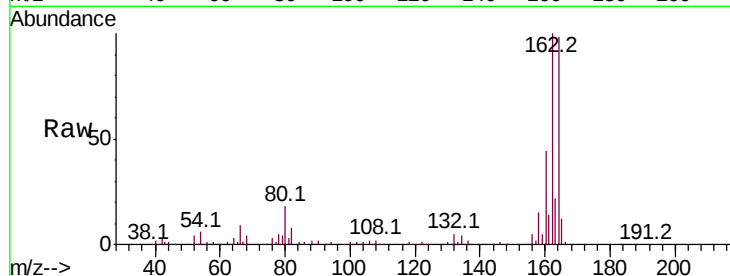
Tot Ion:164 Resp: 168520

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

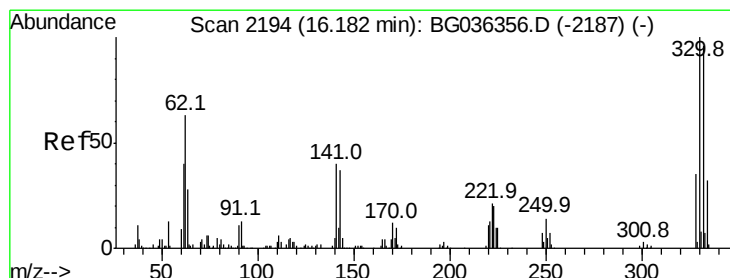
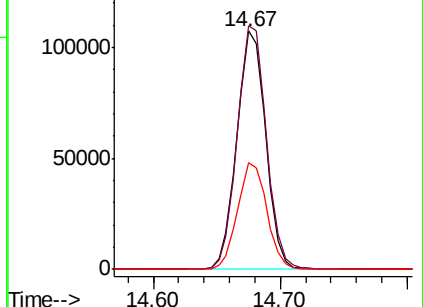
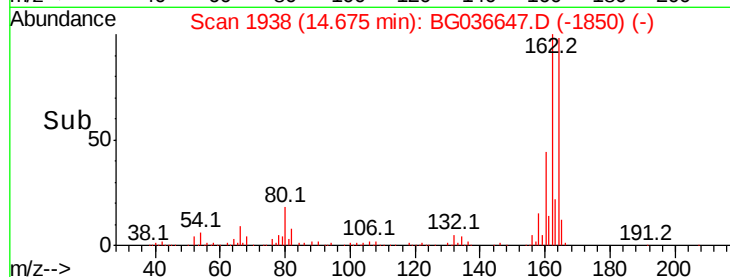
160 44.5 35.3 52.9



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: 105.519 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036647.D

Acq: 11 Sep 2018 5:25

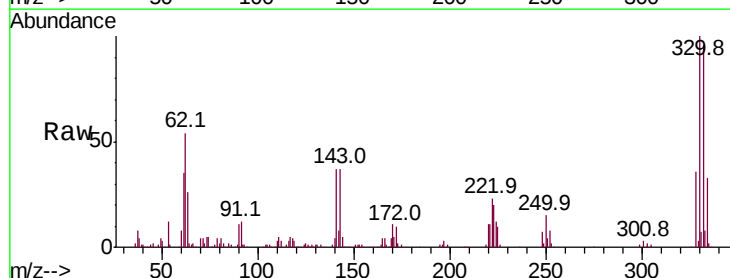
Tgt Ion:330 Resp: 212180

Ion Ratio Lower Upper

330 100

332 97.2 75.4 113.2

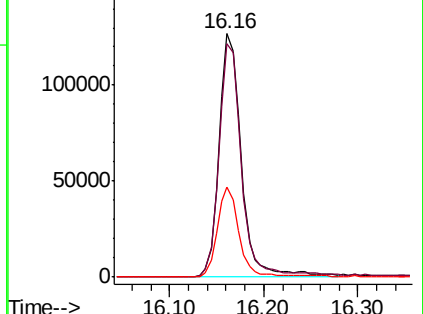
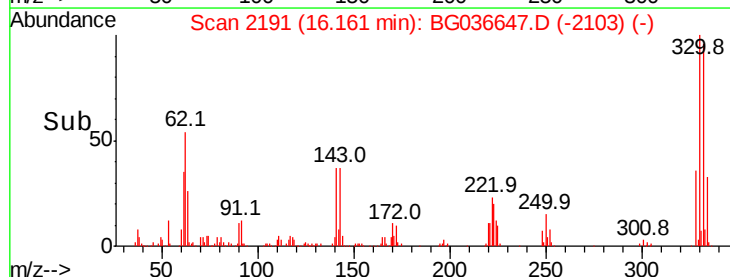
141 36.3 30.7 46.1

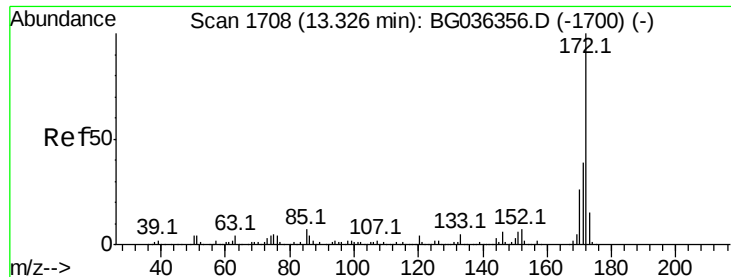


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

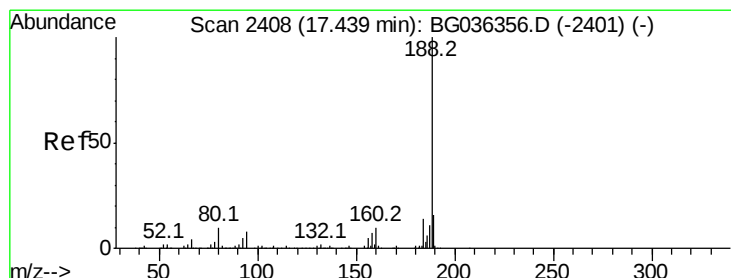
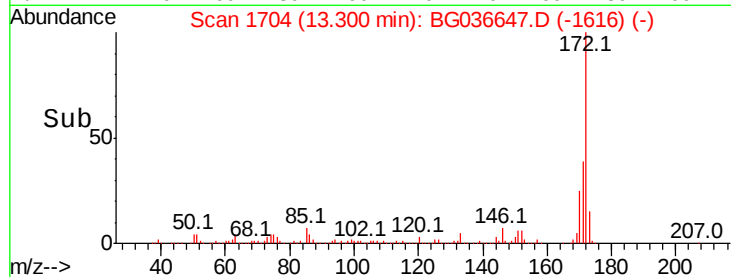
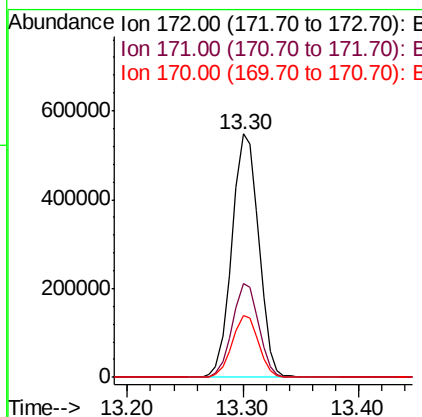
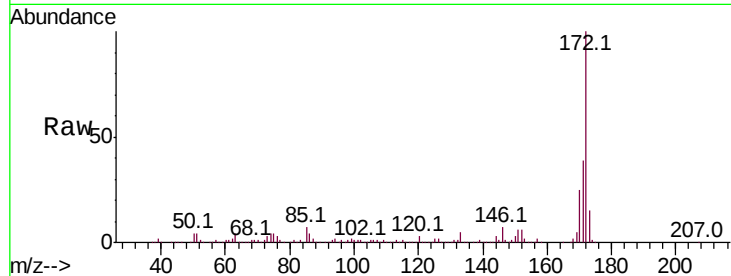




#44
 2-Fluorobiphenyl
 Concen: 74.676 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036647.D
 Acq: 11 Sep 2018 5:25

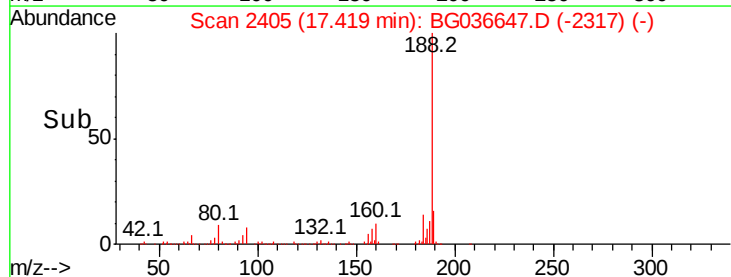
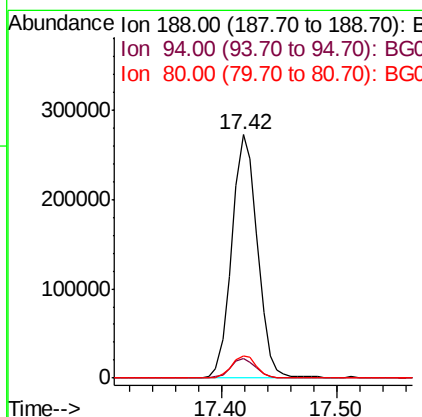
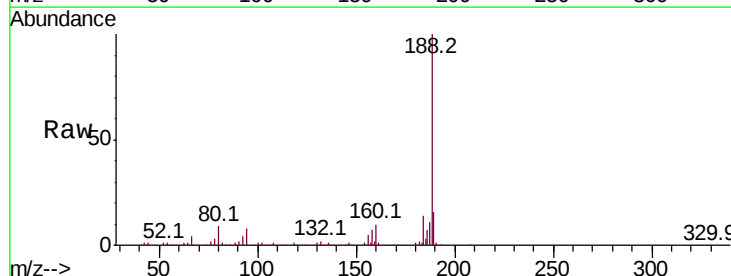
Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES-3-4FT

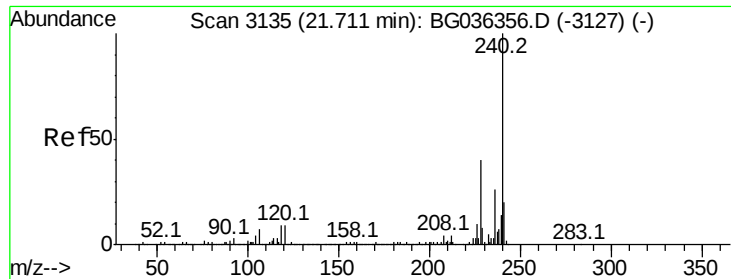
Tot Ion:172 Resp: 881377
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.3 46.9
 170 25.5 21.0 31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036647.D
 Acq: 11 Sep 2018 5:25

Tgt Ion:188 Resp: 419018
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.7 10.1
 80 9.2 8.1 12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036647.D

Acq: 11 Sep 2018 5:25

Instrument :

BNA_G

ClientSampleId :

OILY-STONES-3-4FT

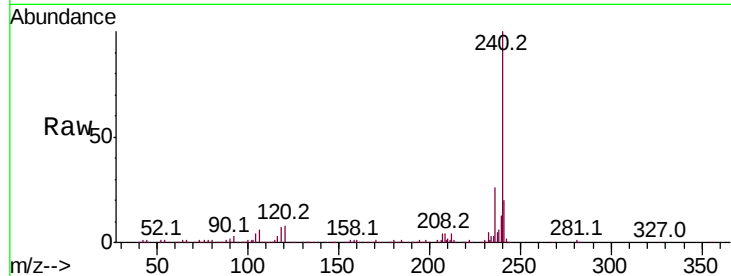
Tot Ion:240 Resp: 423029

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

236 25.7 21.2 31.8

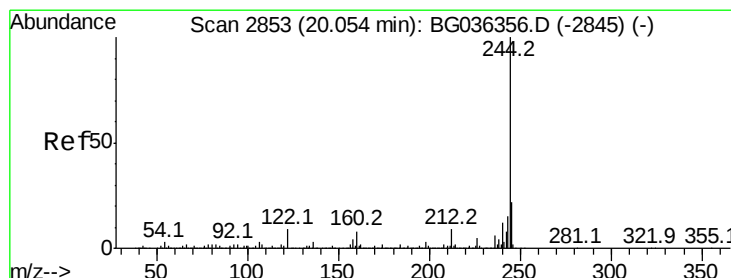
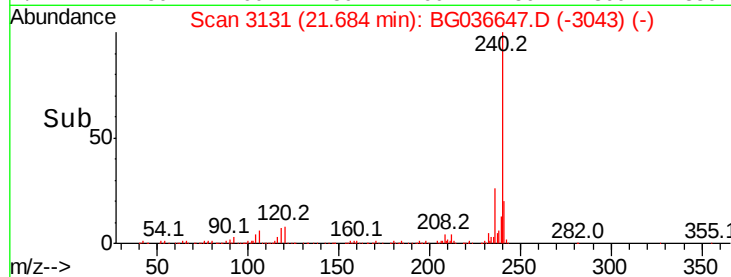
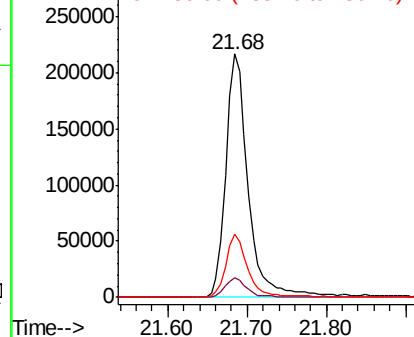


Abundance

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: 84.568 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036647.D

Acq: 11 Sep 2018 5:25

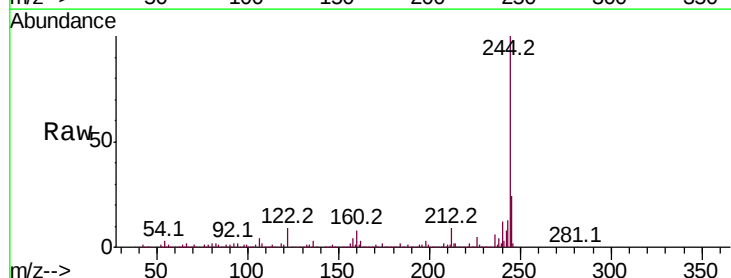
Tgt Ion:244 Resp: 1530578

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

122 9.4 7.1 10.7

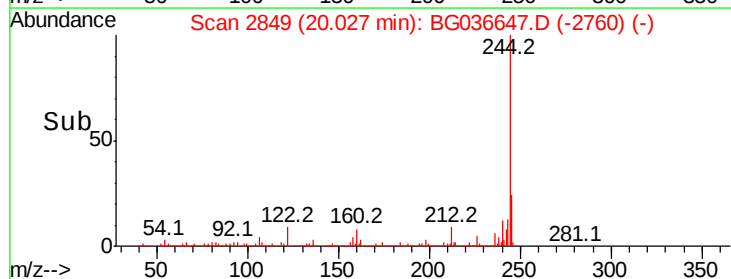
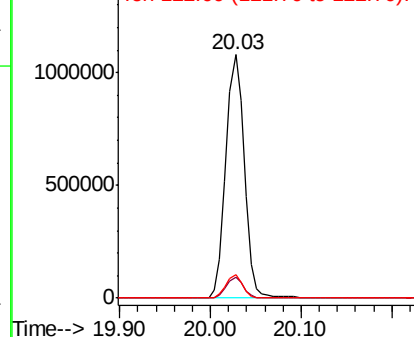


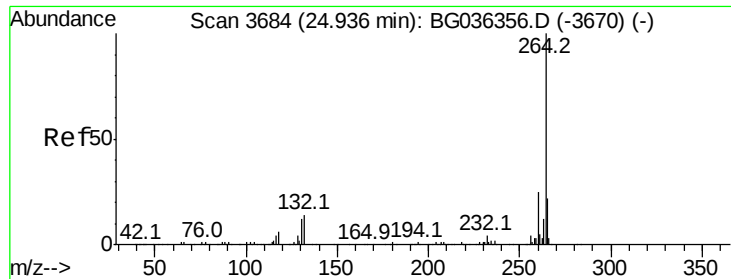
Abundance

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: 24.90 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036647.D
Acq: 11 Sep 2018 5:25

Instrument :
BNA_G
ClientSampleId :
OILY-STONES-3-4FT

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	20.5	17.4	26.0

