

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032109.D
 Acq On : 17 Jan 2018 20:28
 Operator : SJ/JU
 Sample : J1156-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

Quant Time: Jan 18 06:19:12 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

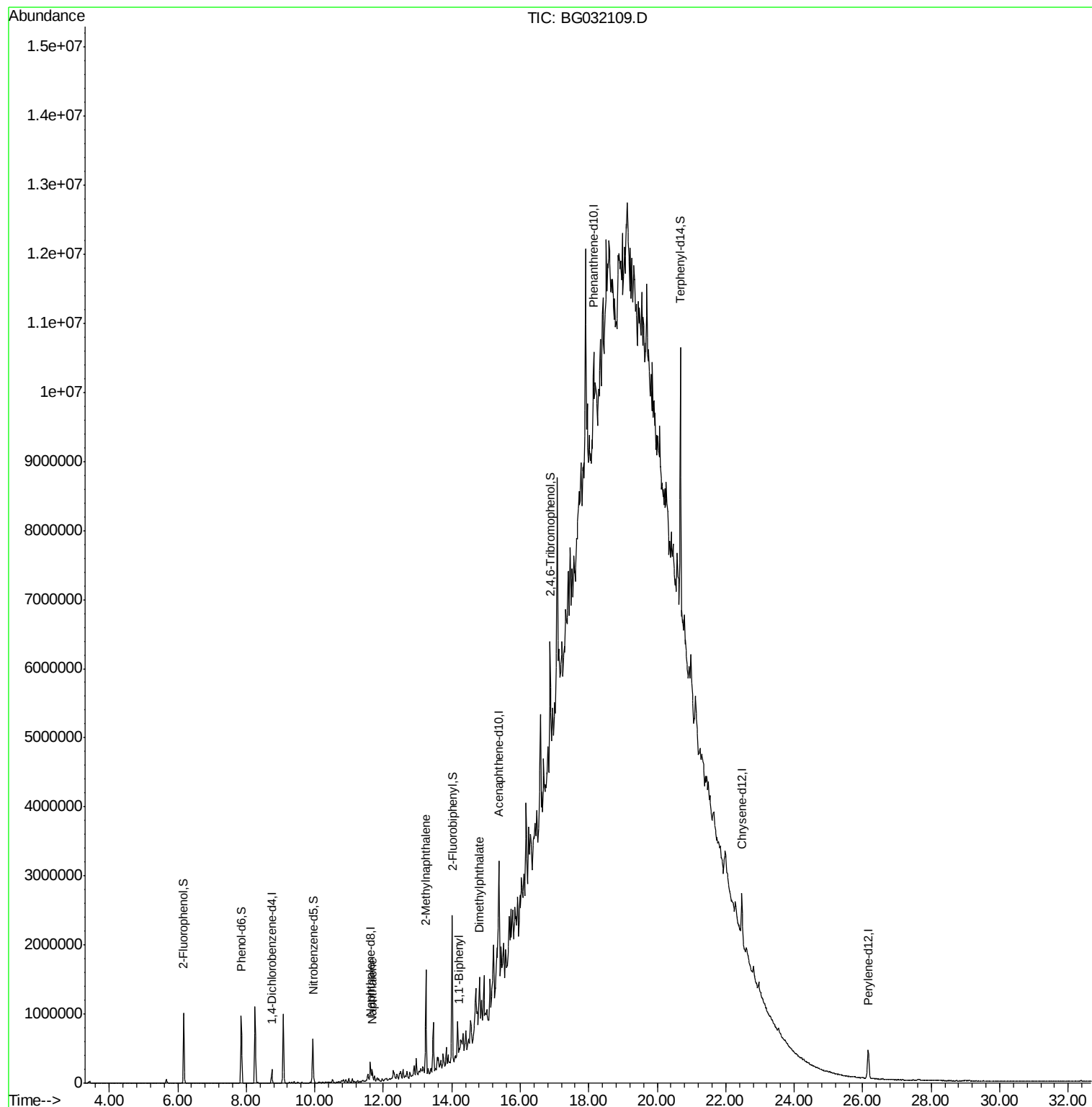
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	68535	20.00	ng	-0.03
21) Naphthalene-d8	11.62	136	260990	20.00	ng	-0.04
38) Acenaphthene-d10	15.38	164	156777	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	357601	20.00	ng	0.00
75) Chrysene-d12	22.47	240	482158	20.00	ng	-0.01
86) Perylene-d12	26.16	264	542034	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	513817	137.12	ng	-0.02
7) Phenol-d6	7.85	99	636055	134.77	ng	-0.02
23) Nitrobenzene-d5	9.94	82	414806	107.53	ng	-0.03
41) 2,4,6-Tribromophenol	16.87	330	406765	156.79	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	1248061	98.71	ng	-0.02
78) Terphenyl-d14	20.67	244	2054077	94.07	ng	0.00
Target Compounds						
31) Naphthalene	11.68	128	147775	11.430	ng	Qvalue 99
37) 2-Methylnaphthalene	13.25	142	791679	77.128	ng	95
45) 1,1'-Biphenyl	14.22	154	57722	4.295	ng	97
49) Dimethylphthalate	14.81	163	86701	6.320	ng	# 61

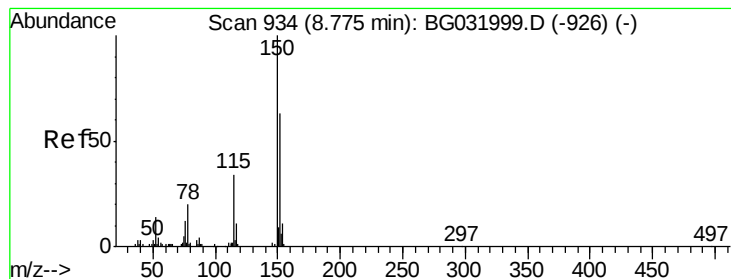
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.03 min

Lab File: BG032109.D

Acq: 17 Jan 2018 20:28

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

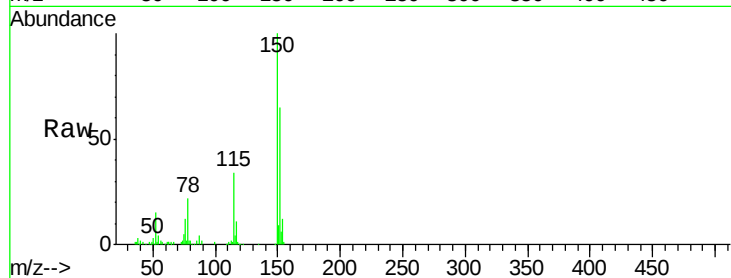
Tgt Ion:152 Resp: 68535

Ion Ratio Lower Upper

152 100

150 154.4 126.6 189.8

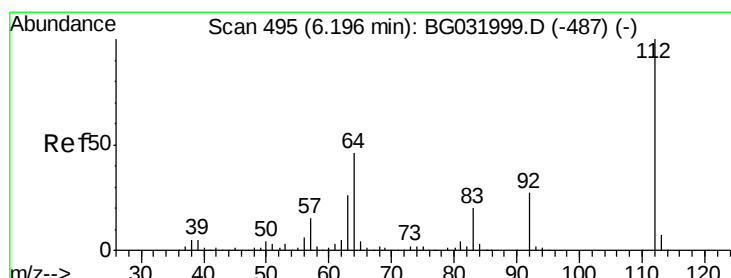
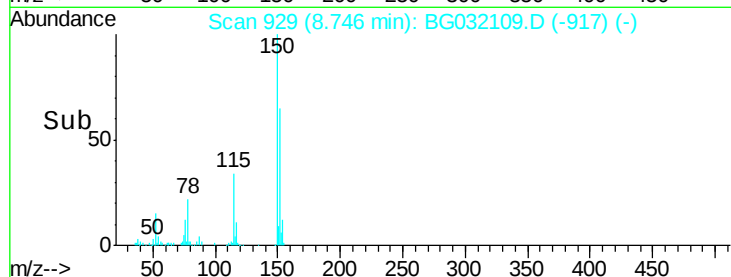
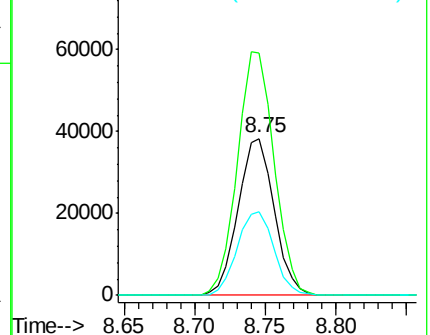
115 53.2 53.0 79.4



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: 137.118 ng

RT: 6.17 min Scan# 491

Delta R.T. -0.02 min

Lab File: BG032109.D

Acq: 17 Jan 2018 20:28

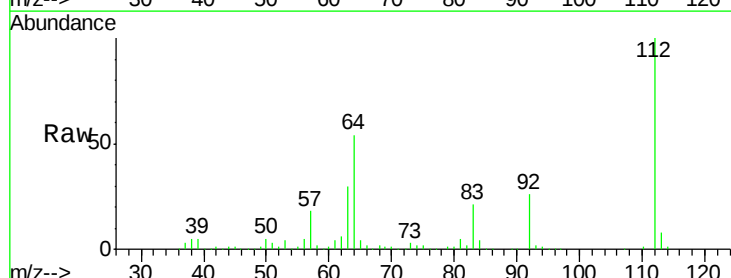
Tgt Ion:112 Resp: 513817

Ion Ratio Lower Upper

112 100

64 54.5 56.3 84.5#

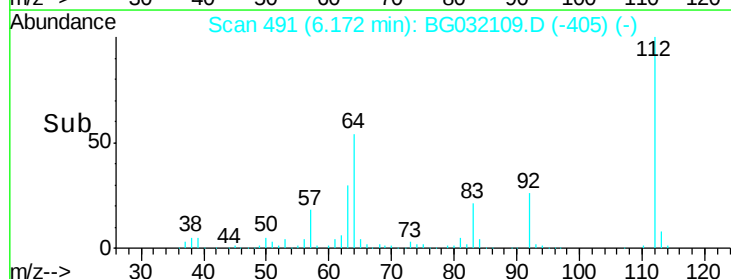
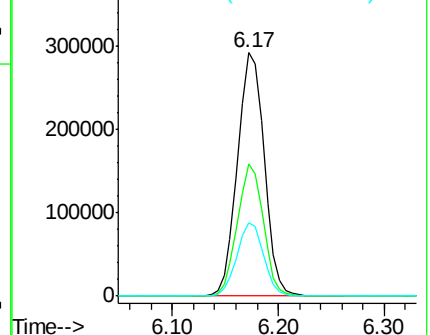
63 30.1 30.1 45.1#

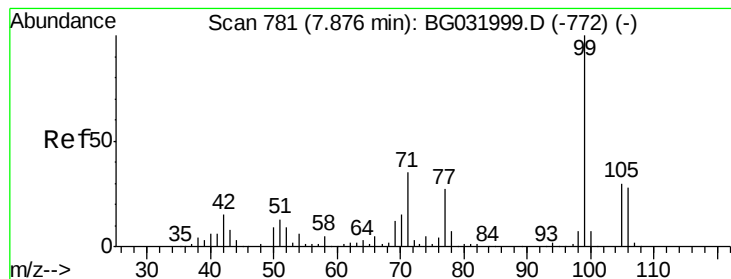


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.773 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.02 min

Lab File: BG032109.D

Acq: 17 Jan 2018 20:28

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

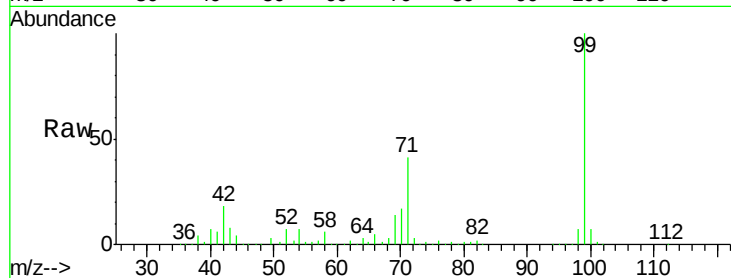
Tgt Ion: 99 Resp: 636055

Ion Ratio Lower Upper

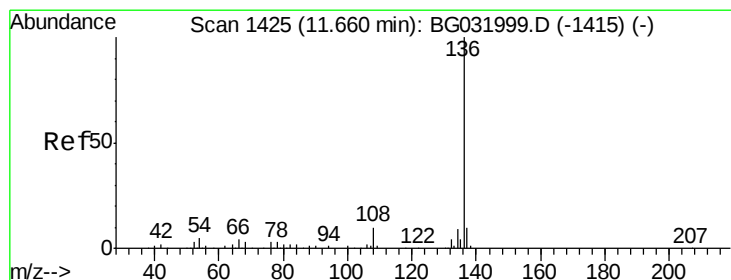
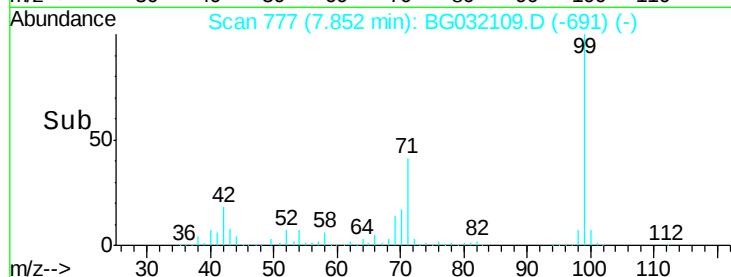
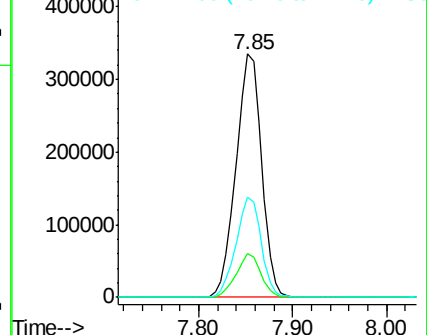
99 100

42 17.9 14.1 21.1

71 41.0 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: 11.62 min Scan# 1419

Delta R.T. -0.04 min

Lab File: BG032109.D

Acq: 17 Jan 2018 20:28

Tgt Ion: 136 Resp: 260990

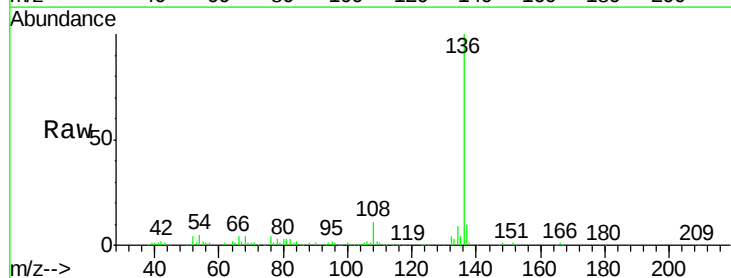
Ion Ratio Lower Upper

136 100

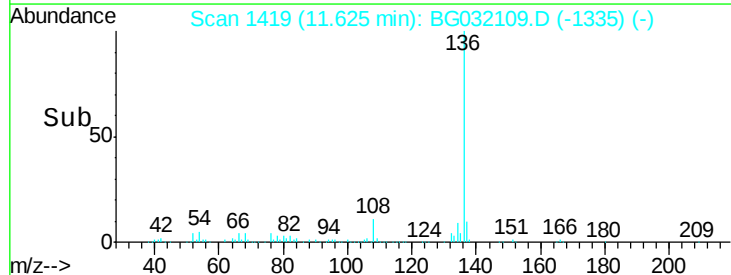
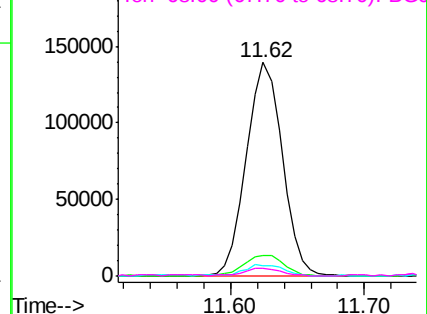
137 9.8 9.2 13.8

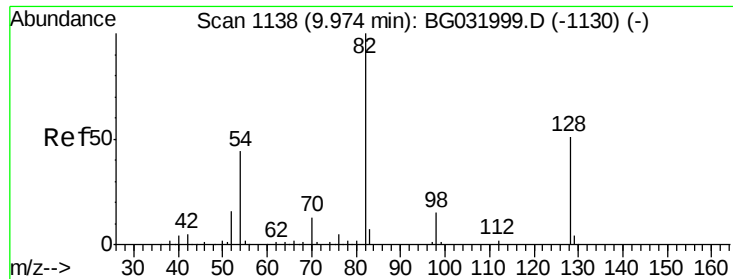
54 5.1 10.3 15.5#

68 3.9 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

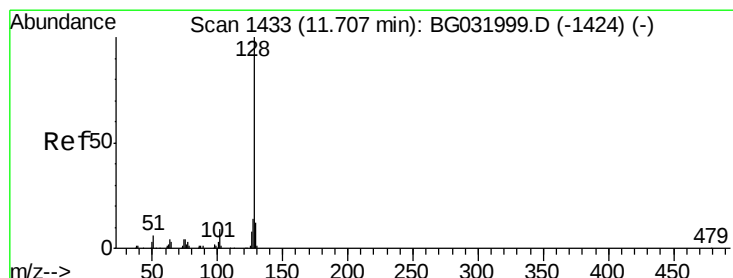
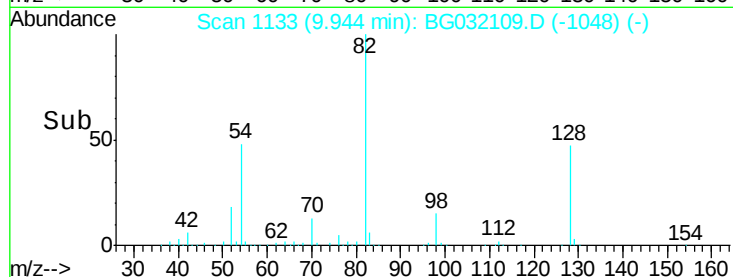
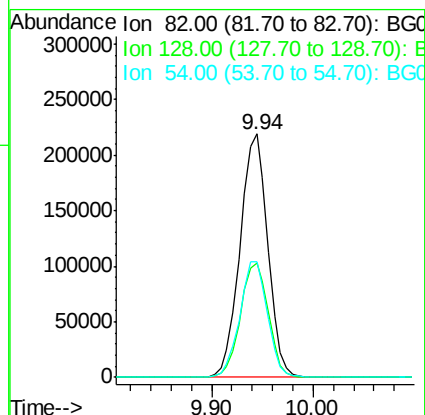
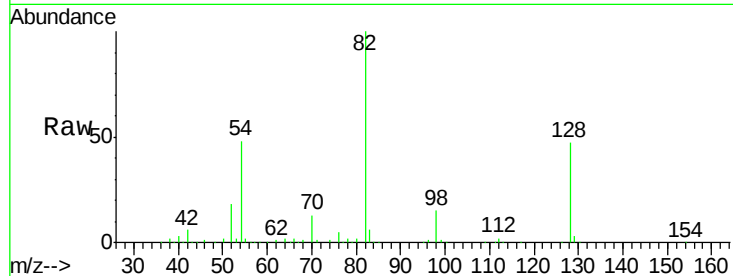




#23
Nitrobenzene-d5
Concen: 107.527 ng
RT: 9.94 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BG032109.D
Acq: 17 Jan 2018 20:28

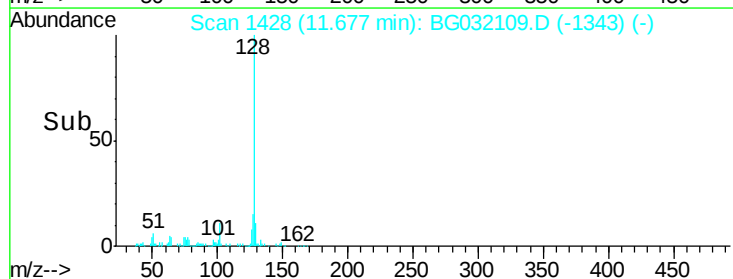
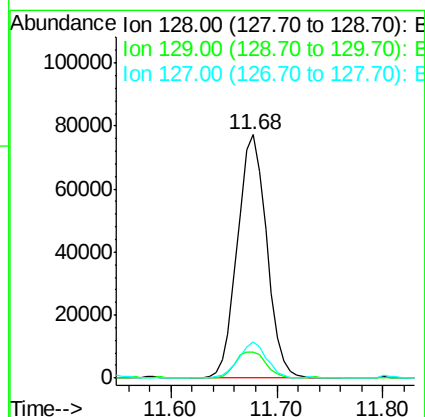
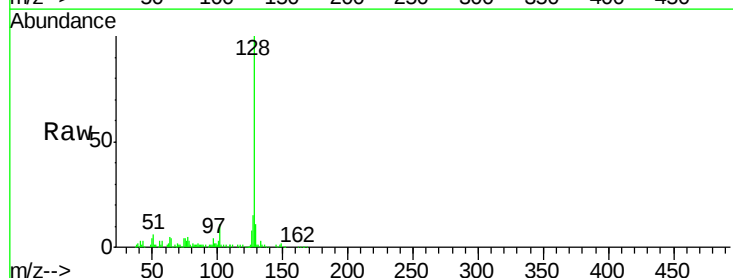
Instrument :
BNA_G
ClientSampled :
OILY-STONES

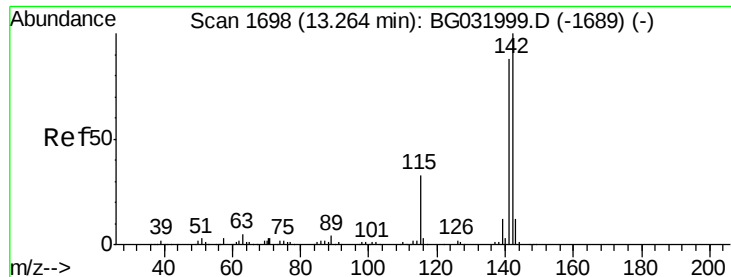
Tgt Ion: 82 Resp: 414806
Ion Ratio Lower Upper
82 100
128 46.8 29.7 44.5#
54 47.5 43.1 64.7



#31
Naphthalene
Concen: 11.430 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.03 min
Lab File: BG032109.D
Acq: 17 Jan 2018 20:28

Tgt Ion: 128 Resp: 147775
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 15.1 11.6 17.4

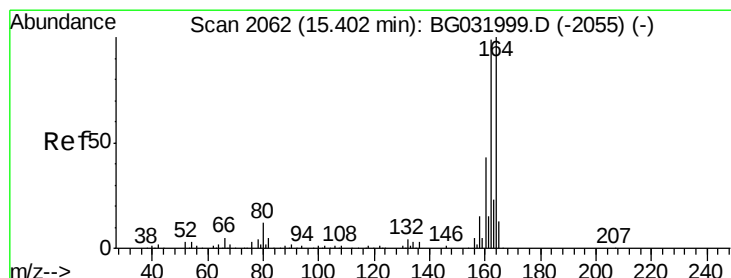
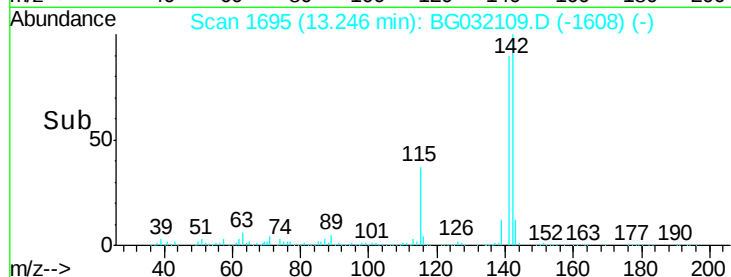
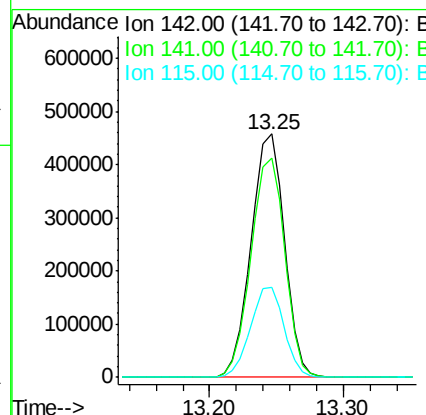
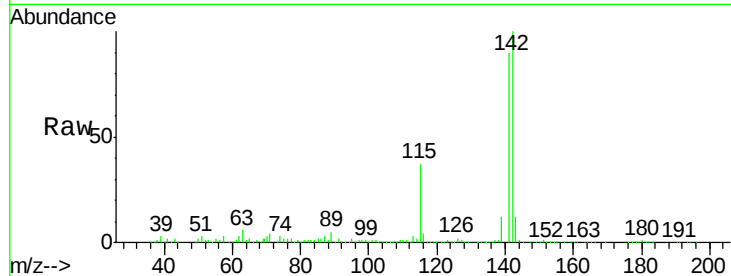




#37
2-Methylnaphthalene
Concen: 77.128 ng
RT: 13.25 min Scan# 1695
Delta R.T. -0.02 min
Lab File: BG032109.D
Acq: 17 Jan 2018 20:28

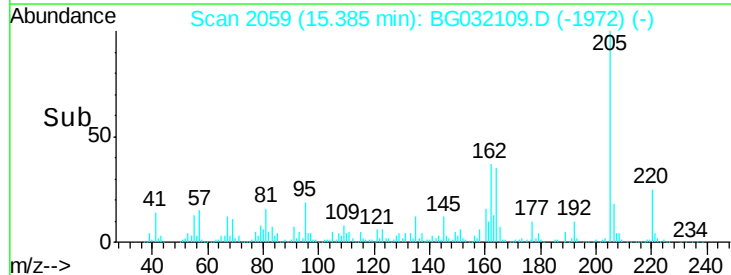
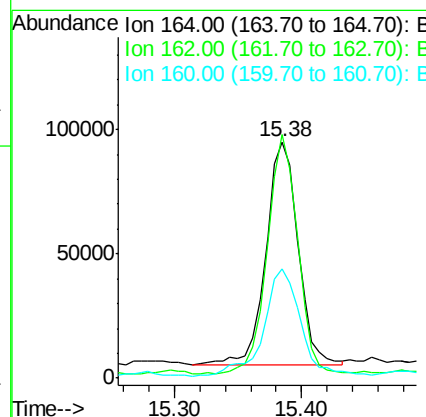
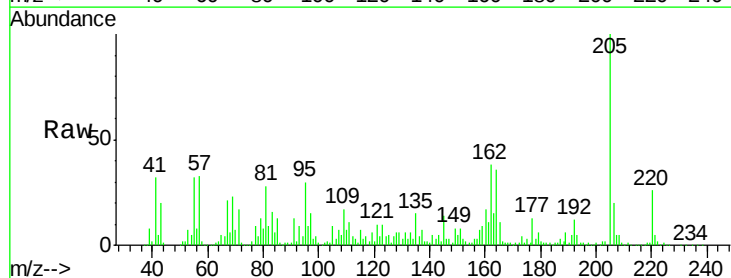
Instrument :
BNA_G
ClientSampleId :
OILY-STONES

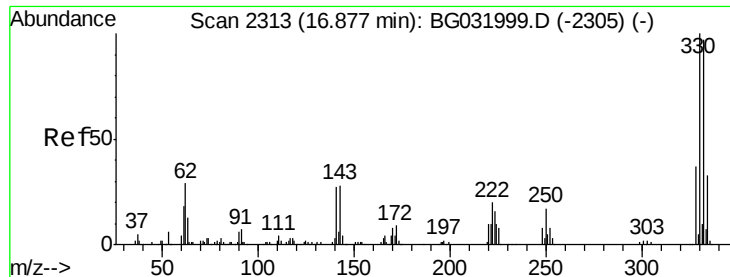
Tgt Ion:142 Resp: 791679
Ion Ratio Lower Upper
142 100
141 90.0 67.1 100.7
115 36.9 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BG032109.D
Acq: 17 Jan 2018 20:28

Tgt Ion:164 Resp: 156777
Ion Ratio Lower Upper
164 100
162 103.1 78.8 118.2
160 46.4 35.4 53.0

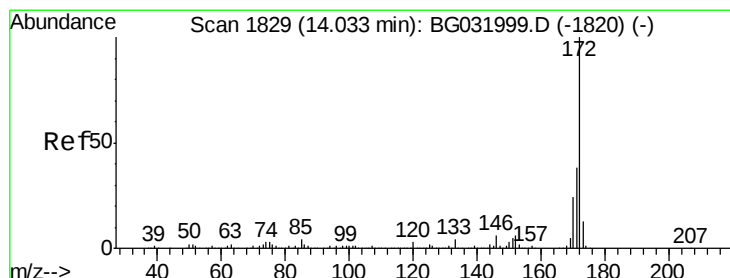
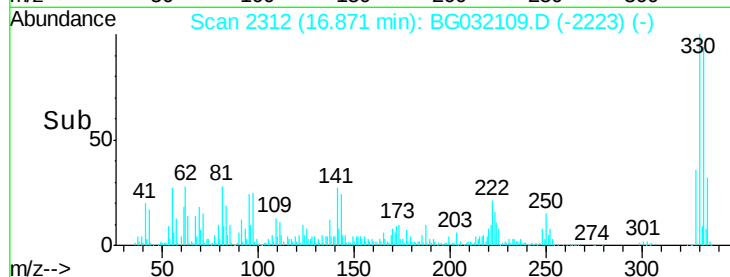
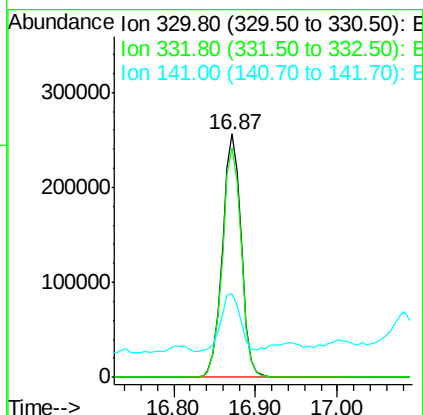
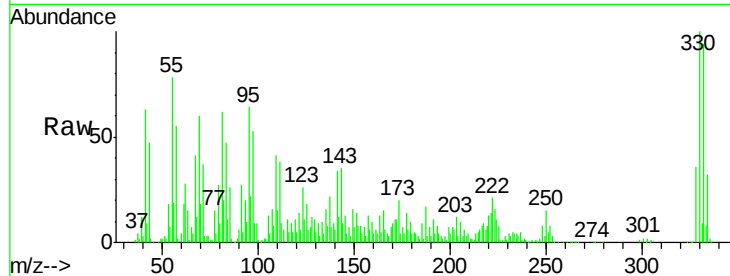




#41
 2,4,6-Tribromophenol
 Concen: 156.792 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BG032109.D
 Acq: 17 Jan 2018 20:28

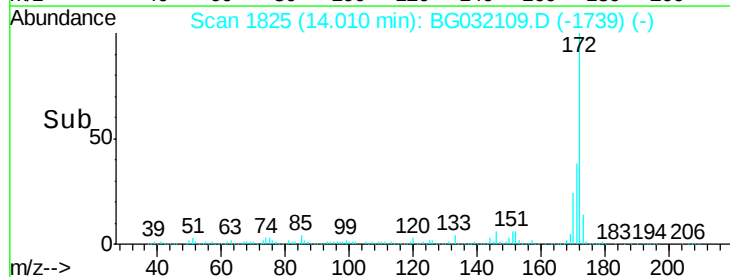
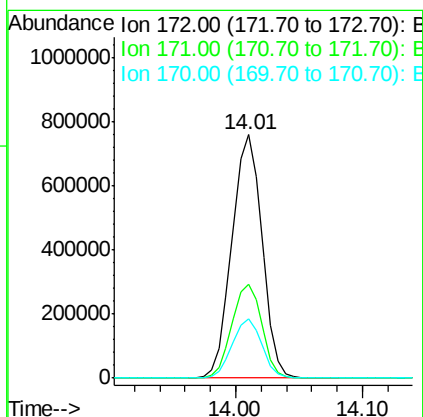
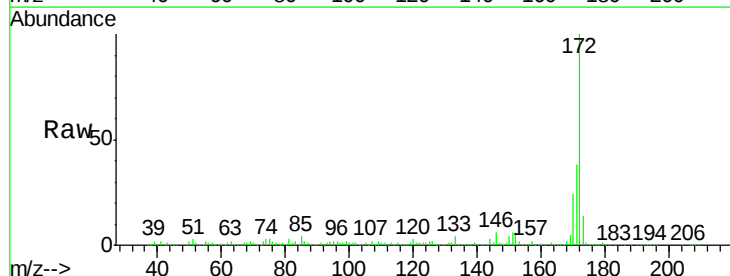
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 ClientSampleId :
 OILY-STONES

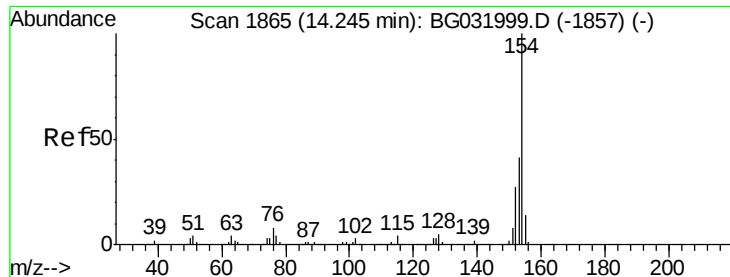
Tgt Ion:330 Resp: 406765
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 24.3 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 98.709 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BG032109.D
 Acq: 17 Jan 2018 20:28

Tgt Ion:172 Resp: 1248061
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 24.4 19.5 29.3

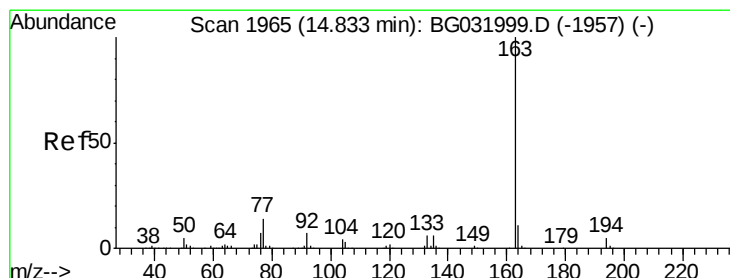
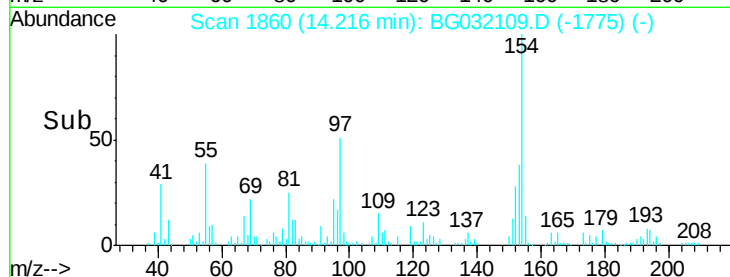
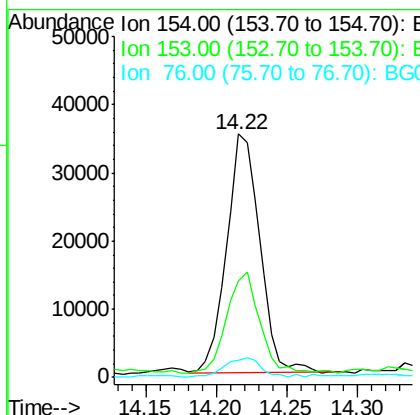
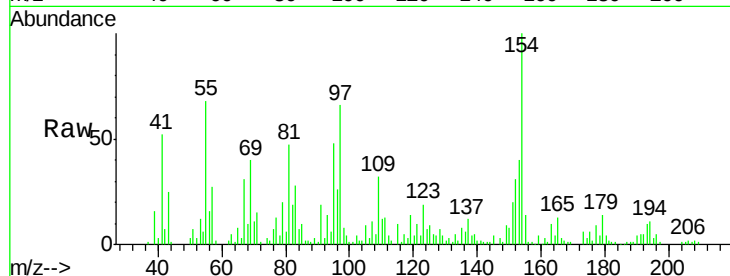




#45
 1,1'-Biphenyl
 Concen: 4.295 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. -0.03 min
 Lab File: BG032109.D
 Acq: 17 Jan 2018 20:28

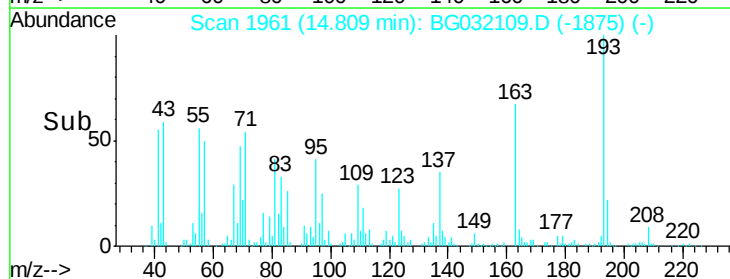
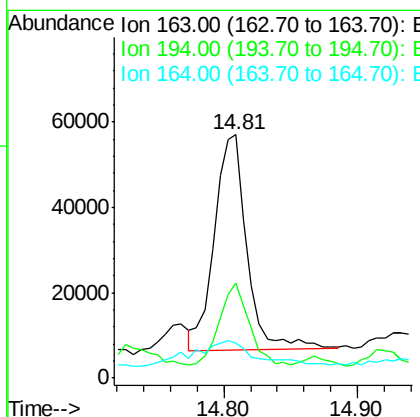
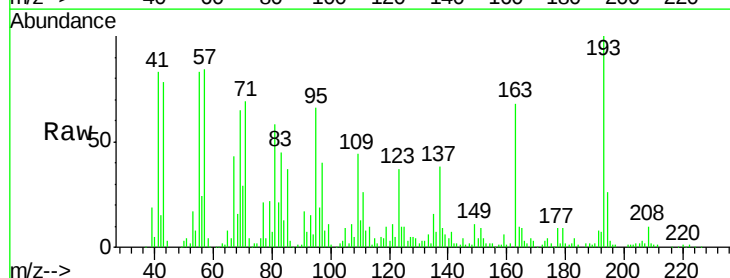
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 ClientSampleId :
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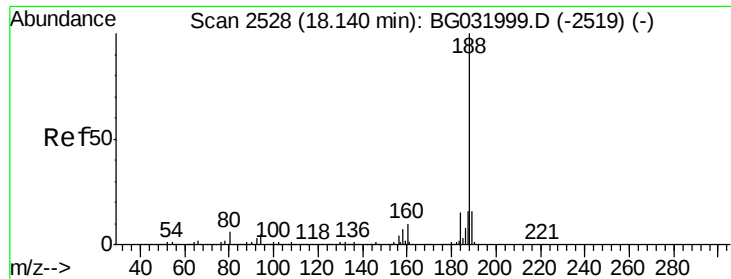
Tgt Ion:154 Resp: 57722
 Ion Ratio Lower Upper
 154 100
 153 39.7 19.8 59.8
 76 6.9 0.0 31.9



#49
 Dimethylphthalate
 Concen: 6.320 ng
 RT: 14.81 min Scan# 1961
 Delta R.T. -0.02 min
 Lab File: BG032109.D
 Acq: 17 Jan 2018 20:28

Tgt Ion:163 Resp: 86701
 Ion Ratio Lower Upper
 163 100
 194 38.8 3.4 5.2#
 164 14.5 8.2 12.4#

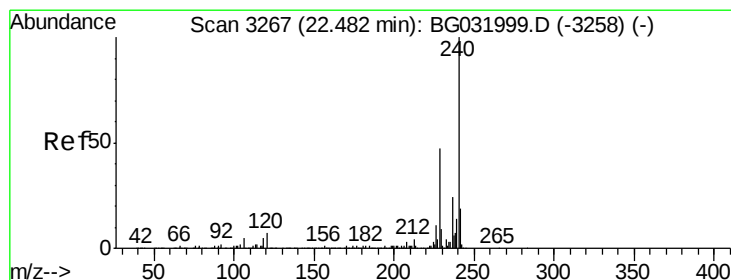
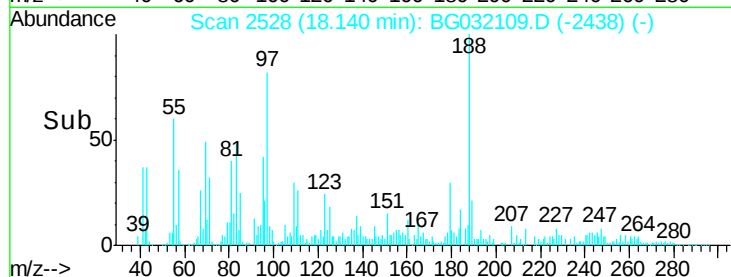
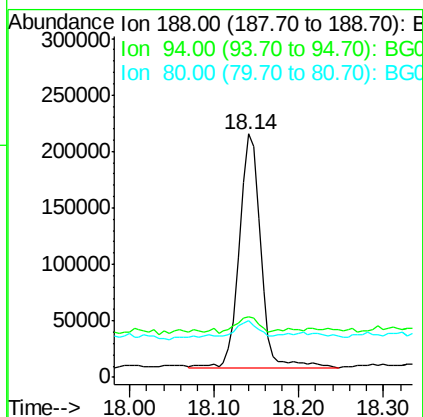
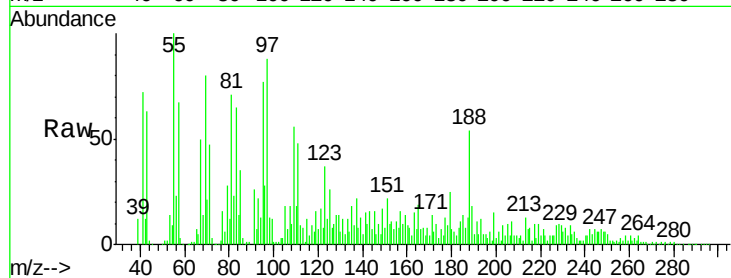




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG032109.D
Acq: 17 Jan 2018 20:28

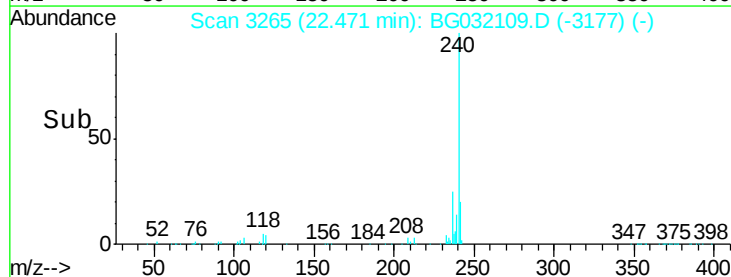
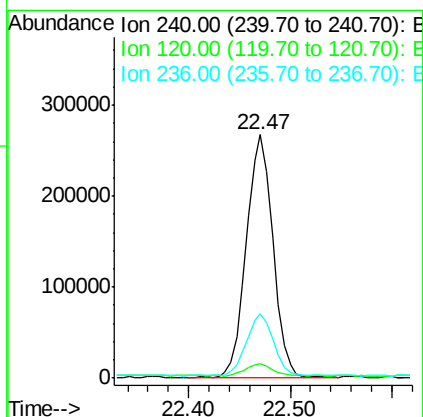
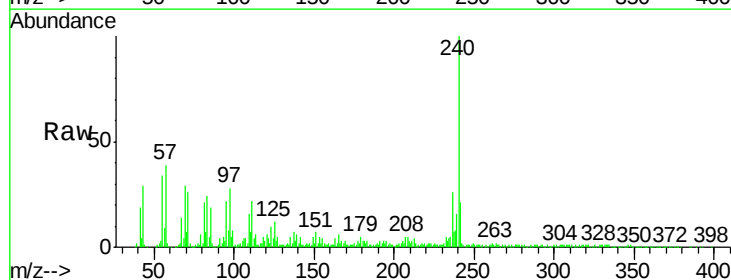
Instrument :
BNA_G
ClientSampleId :
OILY-STONES

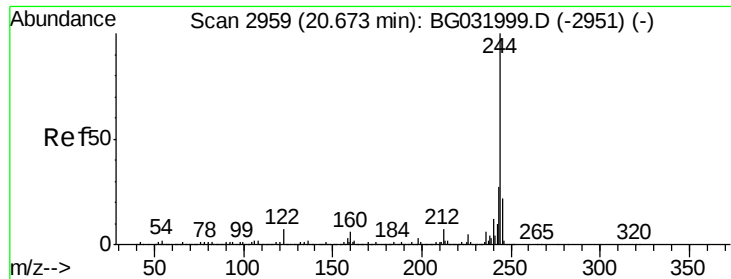
Tgt Ion:188 Resp: 357601
Ion Ratio Lower Upper
188 100
94 24.9 6.9 10.3#
80 23.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BG032109.D
Acq: 17 Jan 2018 20:28

Tgt Ion:240 Resp: 482158
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 94.067 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.00 min

Lab File: BG032109.D

Acq: 17 Jan 2018 20:28

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

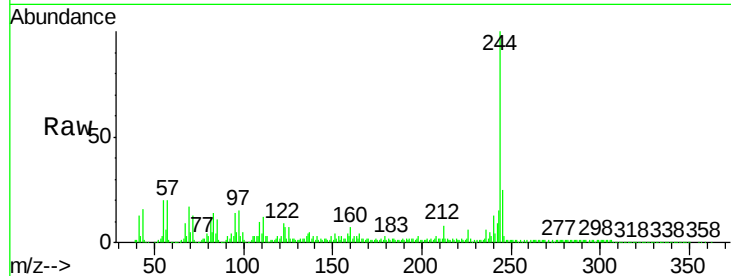
Tgt Ion:244 Resp: 2054077

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

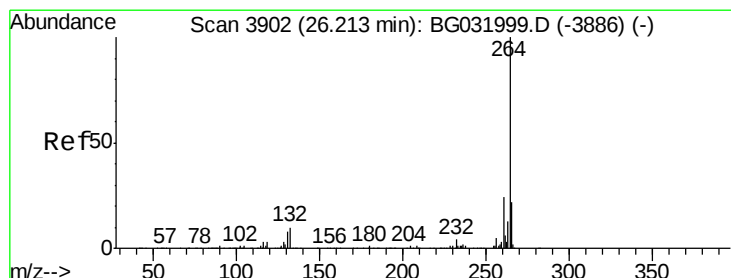
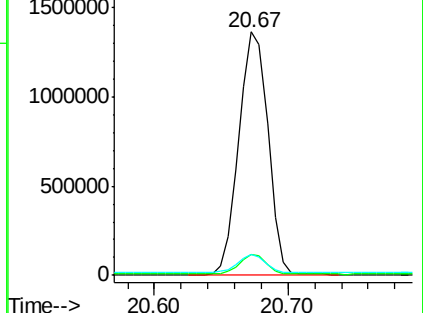
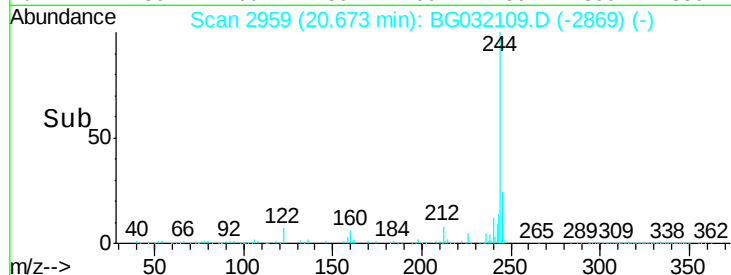
122 8.7 7.0 10.4



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: 26.16 min Scan# 3893

Delta R.T. -0.05 min

Lab File: BG032109.D

Acq: 17 Jan 2018 20:28

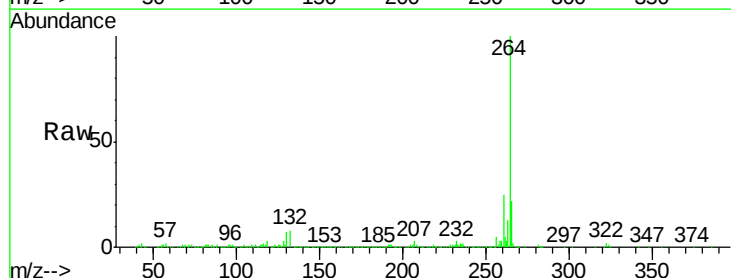
Tgt Ion:264 Resp: 542034

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 21.9 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

