

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
 Data File : BG032202.D
 Acq On : 21 Jan 2018 5:57
 Operator : SJ/JU
 Sample : J1212-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

Quant Time: Jan 22 06:29:48 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	41571	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	163412	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	110344	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	304849	20.00	ng	0.00
75) Chrysene-d12	22.44	240	431693	20.00	ng	0.00
86) Perylene-d12	26.15	264	450974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.18	112	301850	132.80	ng	0.00
7) Phenol-d6	7.85	99	335943	117.35	ng	0.00
23) Nitrobenzene-d5	9.94	82	250986	103.91	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	259546	142.14	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	873025	98.10	ng	0.00
78) Terphenyl-d14	20.65	244	1888909	96.61	ng	0.00

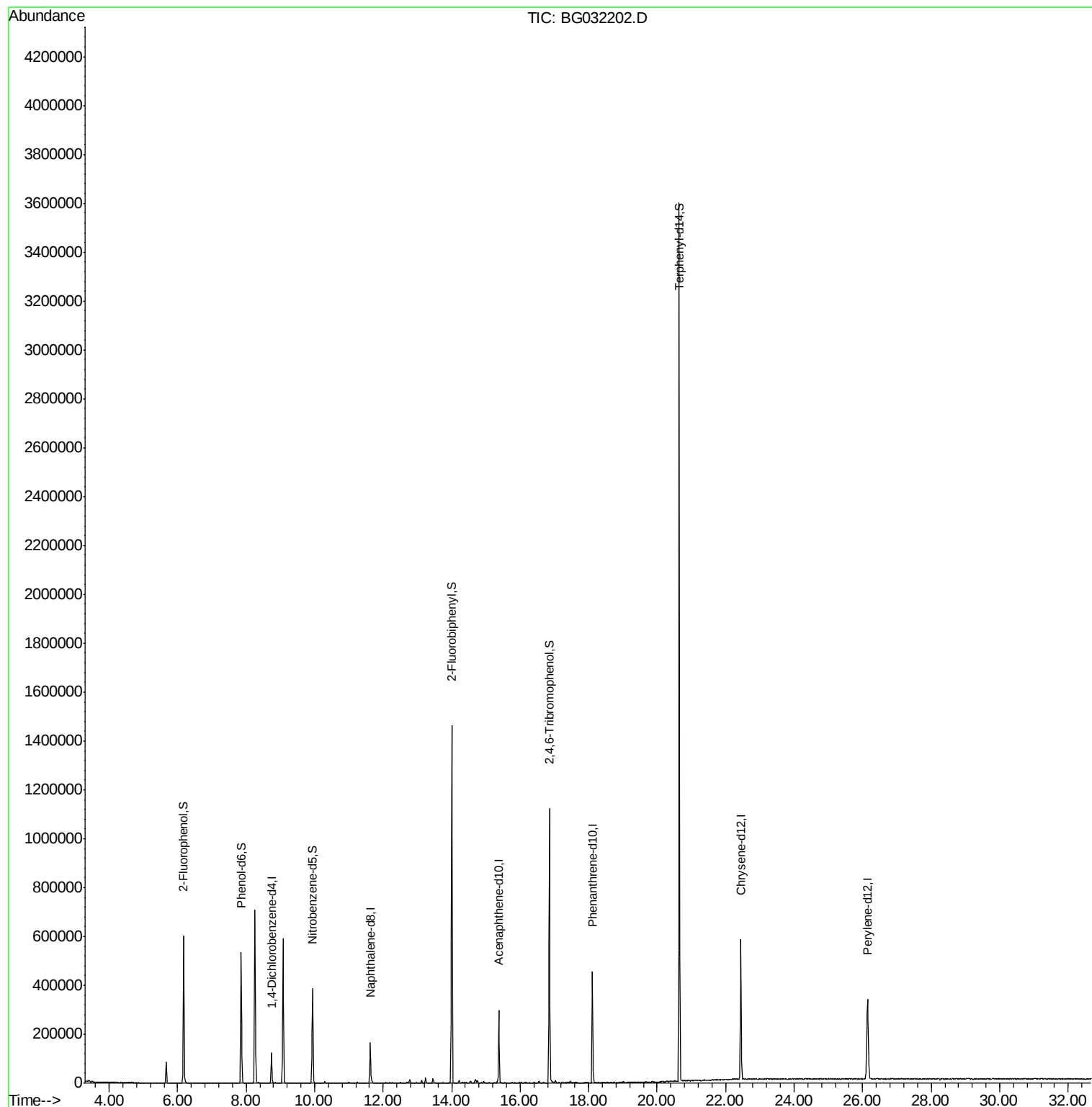
Target Compounds Qvalue

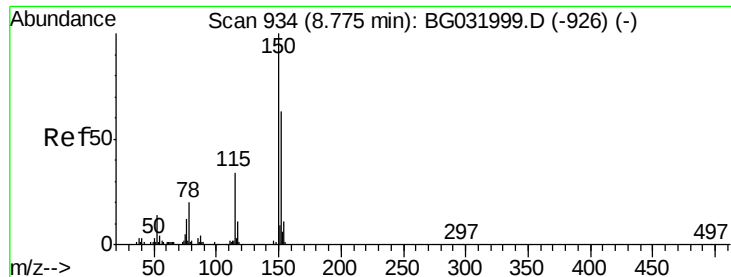
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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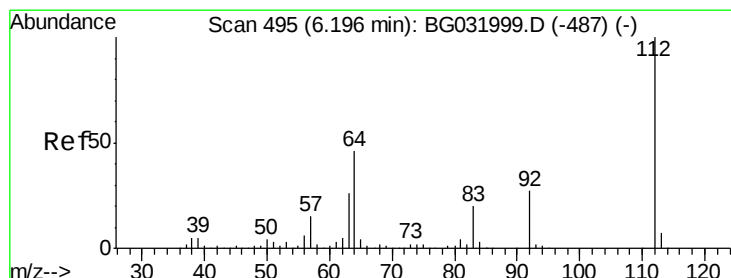
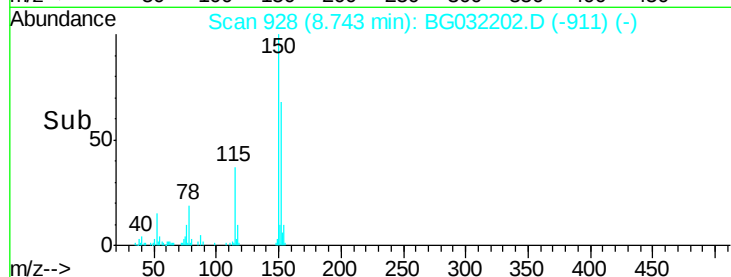
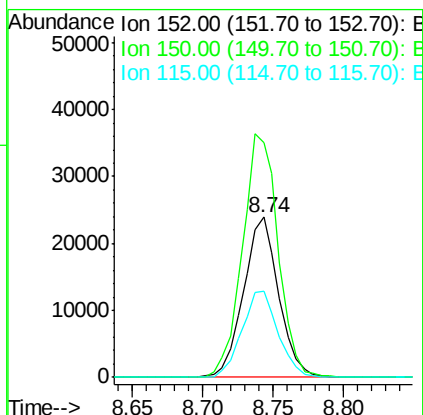
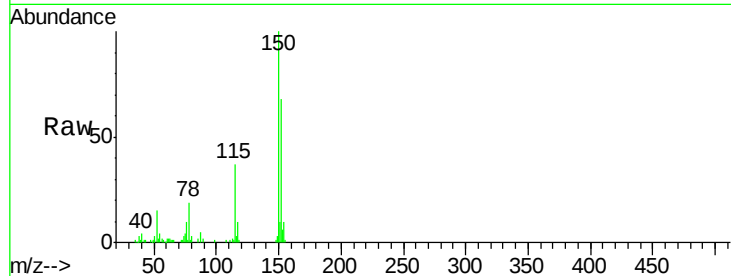


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032202.D
Acq: 21 Jan 2018 5:57

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

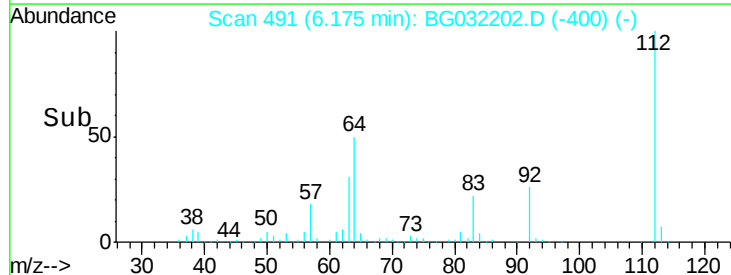
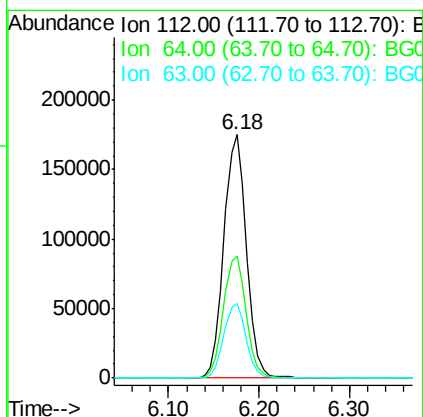
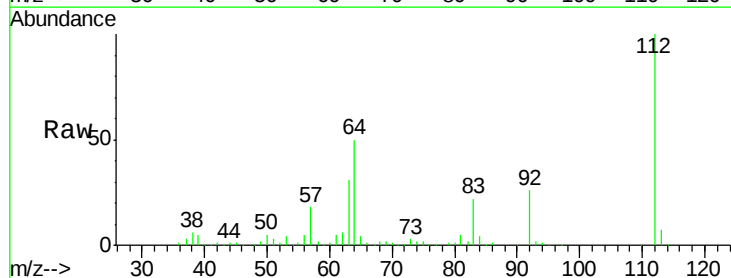
Tot Ion:152 Resp: 41571
Ion Ratio Lower Upper
152 100
150 147.1 126.6 189.8
115 54.0 53.0 79.4

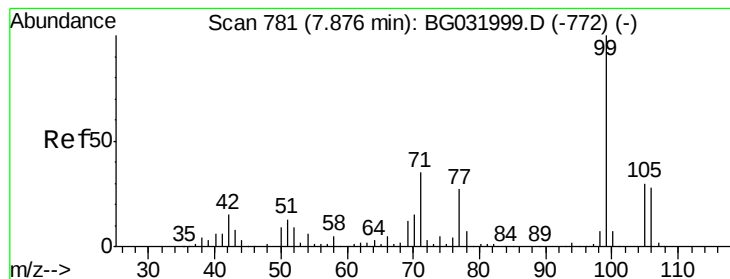


#5

2-Fluorophenol
Concen: 132.800 ng
RT: 6.18 min Scan# 491
Delta R.T. 0.01 min
Lab File: BG032202.D
Acq: 21 Jan 2018 5:57

Tgt Ion:112 Resp: 301850
Ion Ratio Lower Upper
112 100
64 50.1 56.3 84.5#
63 30.8 30.1 45.1





#7

Phenol-d6

Concen: 117.354 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032202.D

Acq: 21 Jan 2018 5:57

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

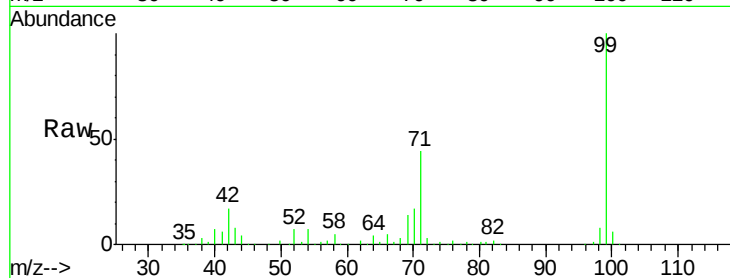
Tot Ion: 99 Resp: 335943

Ion Ratio Lower Upper

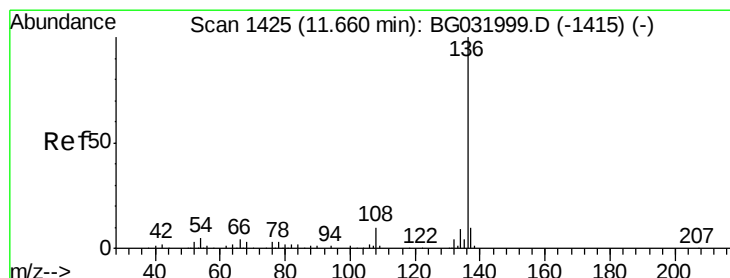
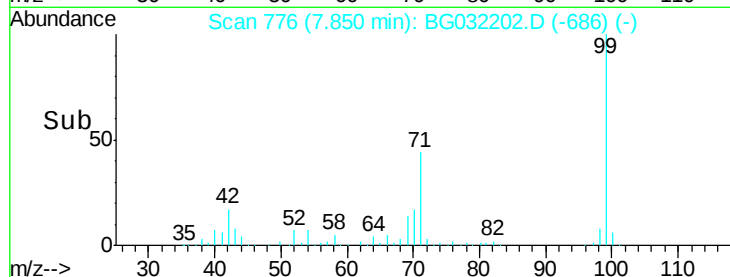
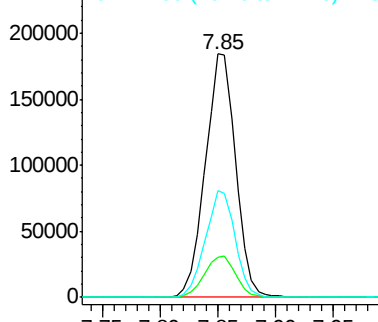
99 100

42 16.7 14.1 21.1

71 43.7 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# 1418

Delta R.T. -0.01 min

Lab File: BG032202.D

Acq: 21 Jan 2018 5:57

Tgt Ion: 136 Resp: 163412

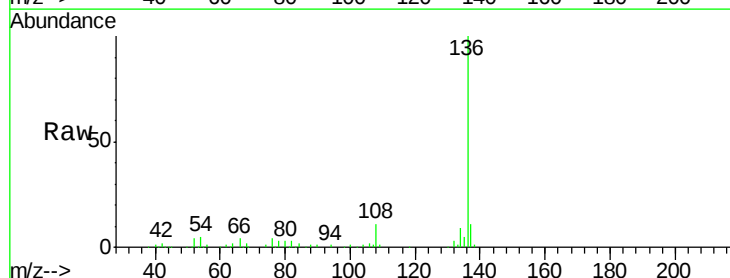
Ion Ratio Lower Upper

136 100

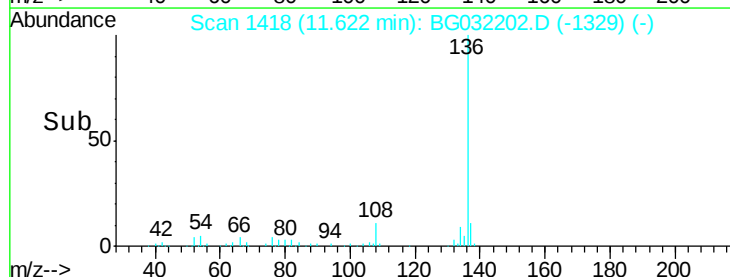
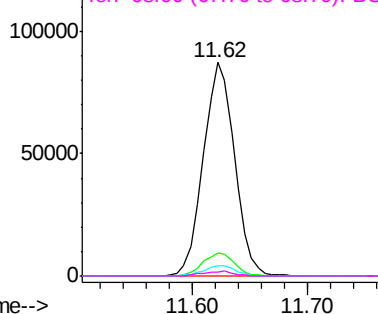
137 10.8 9.2 13.8

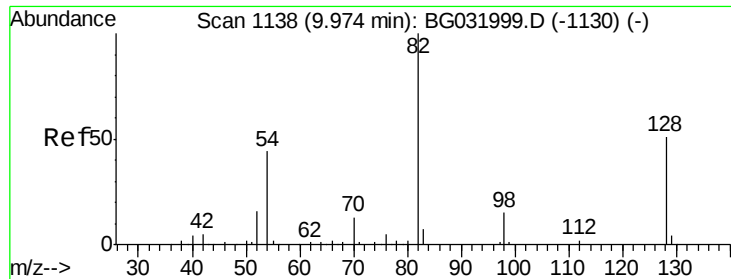
54 4.9 10.3 15.5#

68 2.4 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

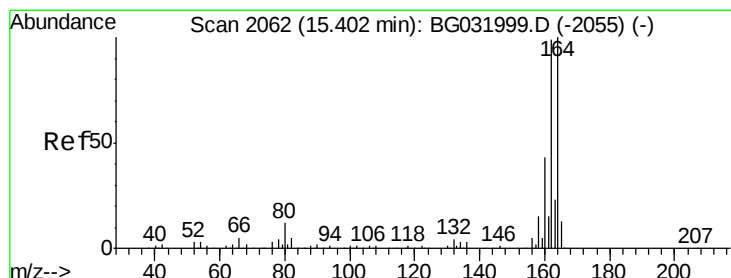
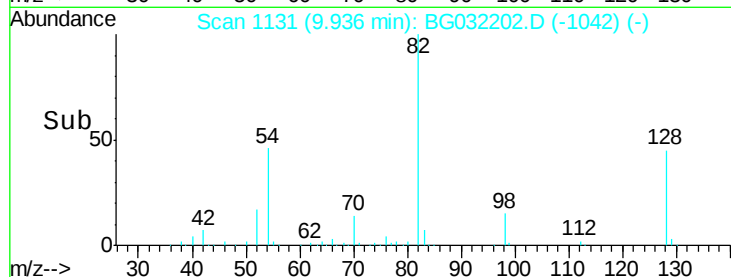
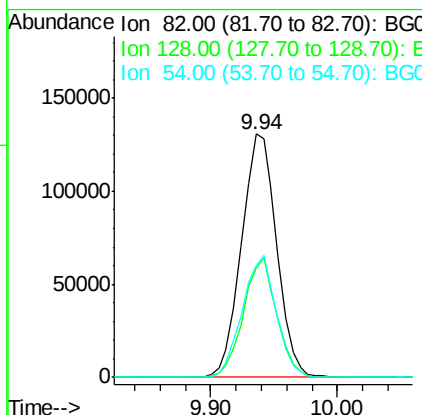
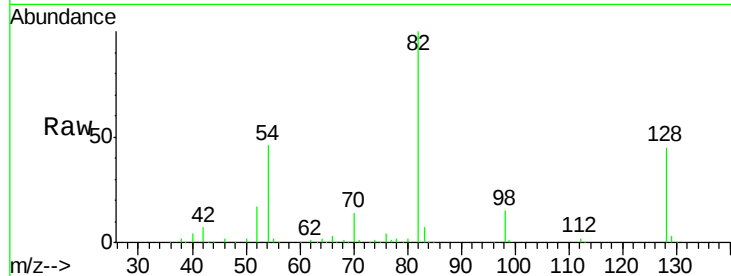




#23
 Nitrobenzene-d5
 Concen: 103.911 ng
 RT: 9.94 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BG032202.D
 Acq: 21 Jan 2018 5:57

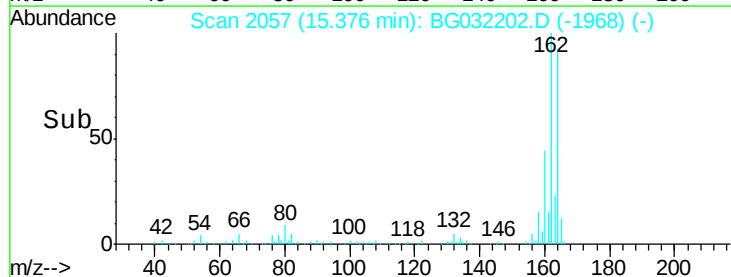
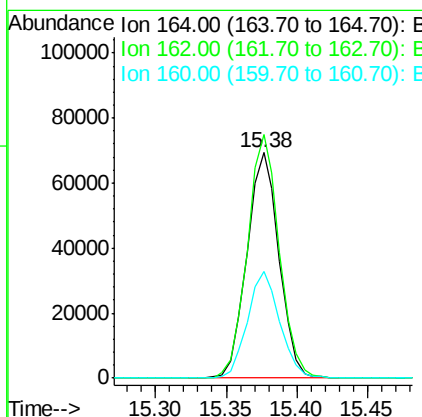
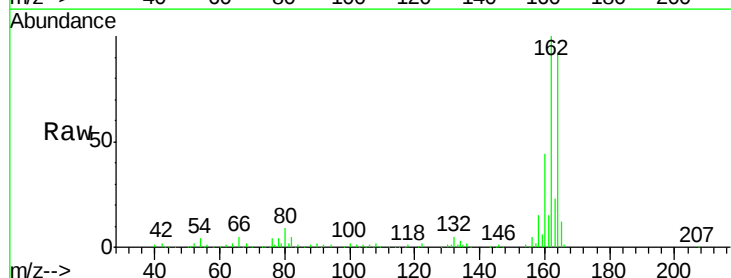
Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

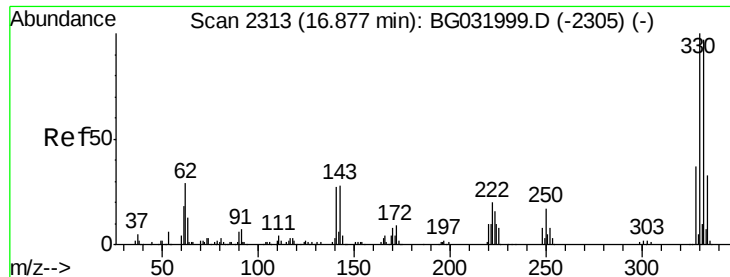
Tot Ion: 82 Resp: 250986
 Ion Ratio Lower Upper
 82 100
 128 44.9 29.7 44.5#
 54 46.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BG032202.D
 Acq: 21 Jan 2018 5:57

Tgt Ion:164 Resp: 110344
 Ion Ratio Lower Upper
 164 100
 162 108.1 78.8 118.2
 160 47.6 35.4 53.0

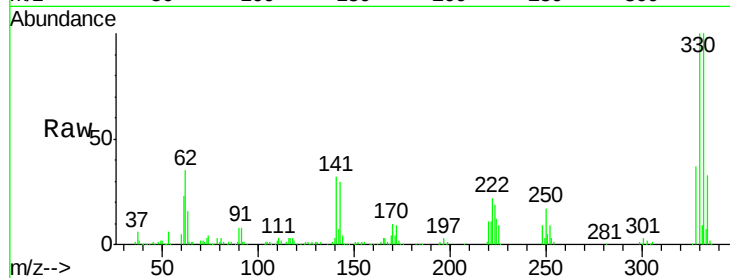




#41
 2,4,6-Tribromophenol
 Concen: 142.144 ng
 RT: 16.85 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: BG032202.D
 Acq: 21 Jan 2018 5:57

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	29.7	25.2	37.8

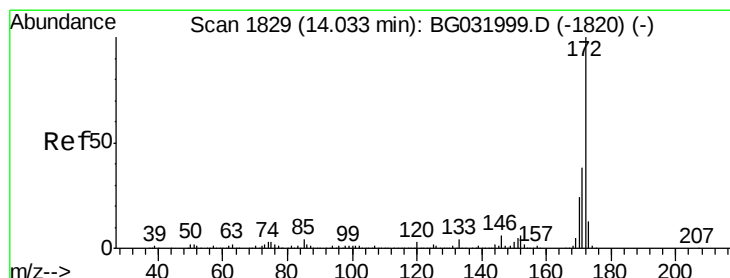
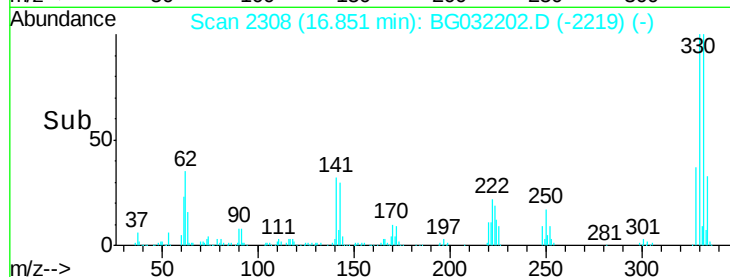
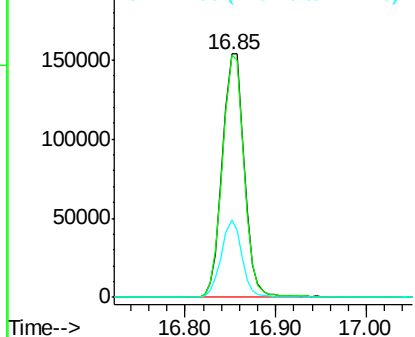


Abundance

Ion 329.80 (329.50 to 330.50): E

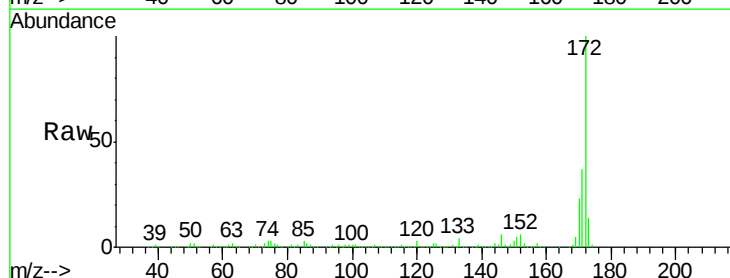
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.103 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG032202.D
 Acq: 21 Jan 2018 5:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.1	19.5	29.3

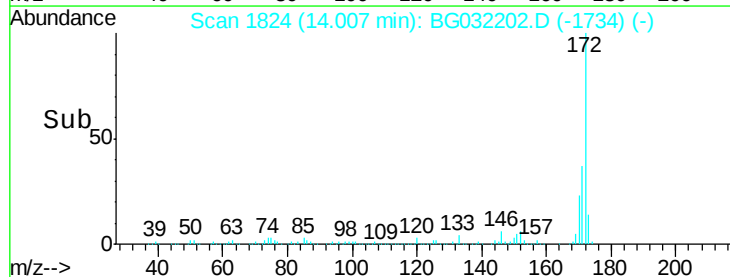
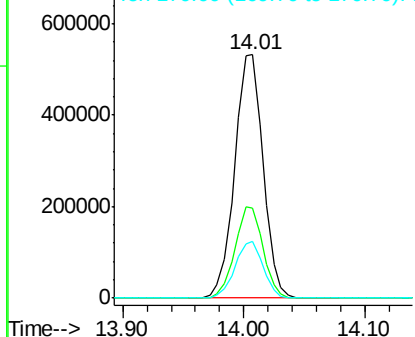


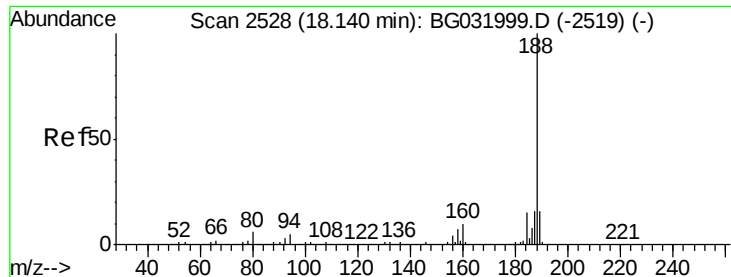
Abundance

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

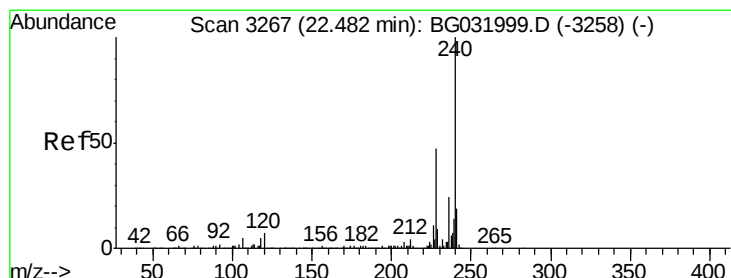
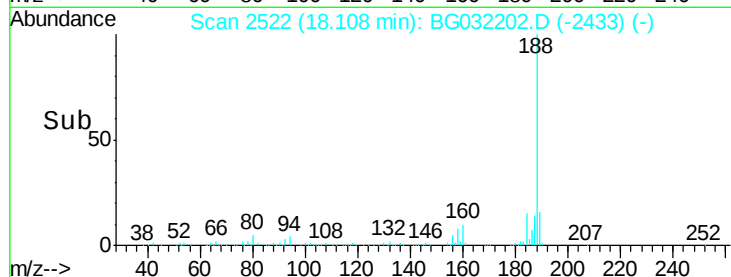
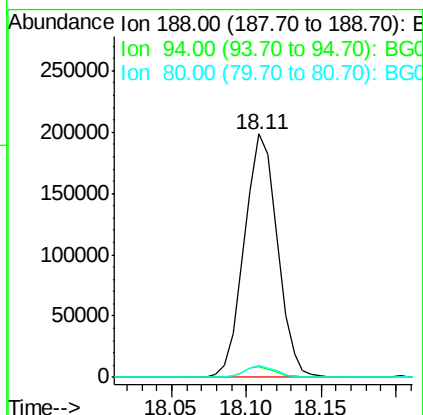
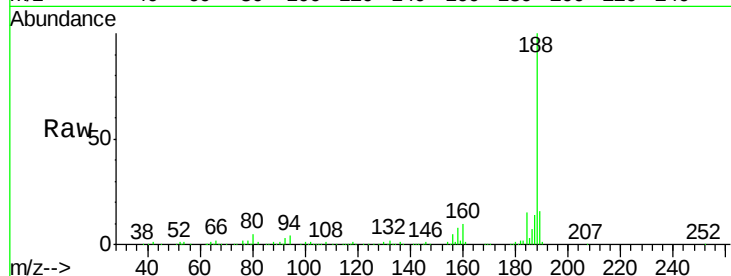




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BG032202.D
Acq: 21 Jan 2018 5:57

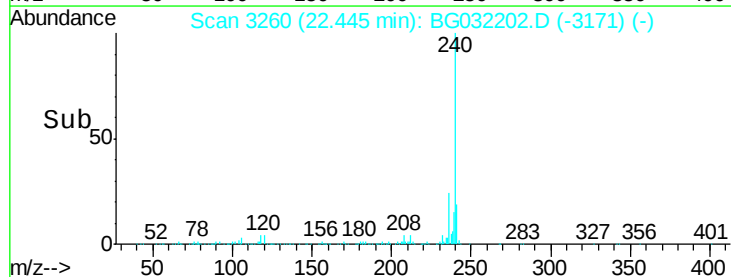
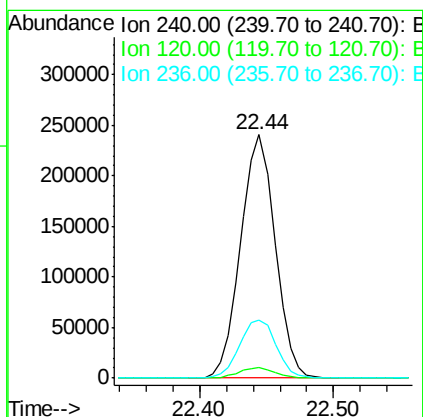
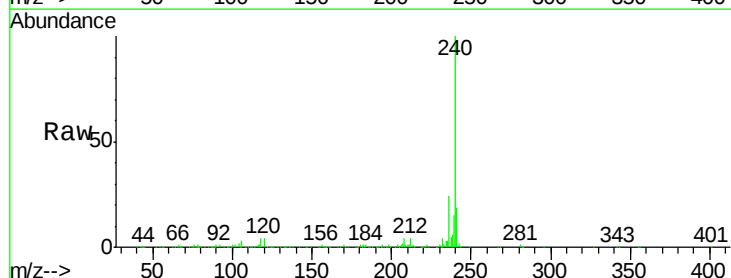
Instrument :
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ClientSampleId :
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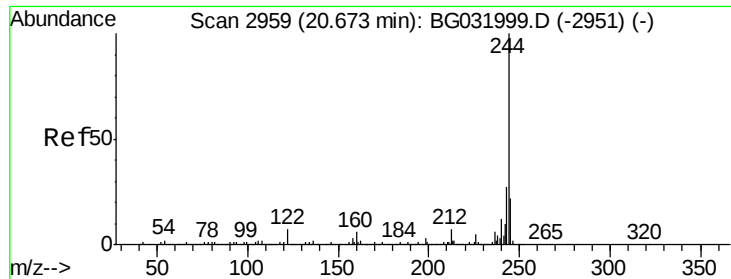
Tot Ion:188 Resp: 304849
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 4.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.00 min
Lab File: BG032202.D
Acq: 21 Jan 2018 5:57

Tgt Ion:240 Resp: 431693
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 23.9 20.9 31.3





#78

Terphenyl-d14

Concen: 96.615 ng

RT: 20.65 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BG032202.D

Acq: 21 Jan 2018 5:57

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

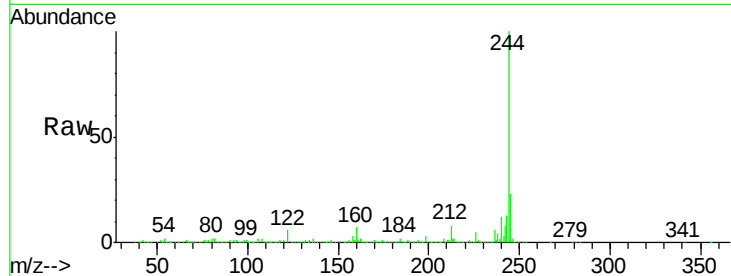
Tot Ion:244 Resp: 1888909

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

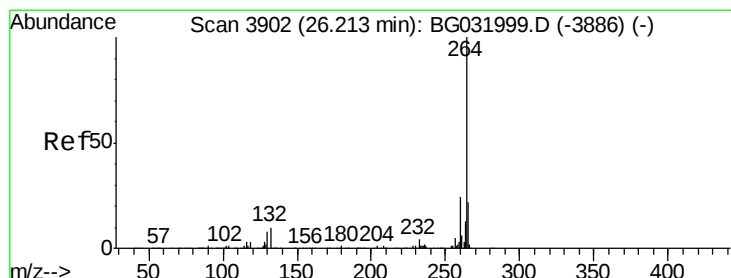
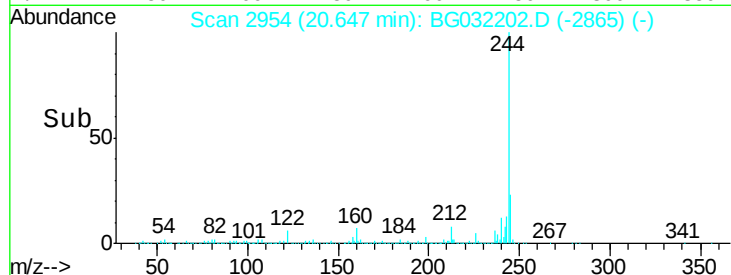
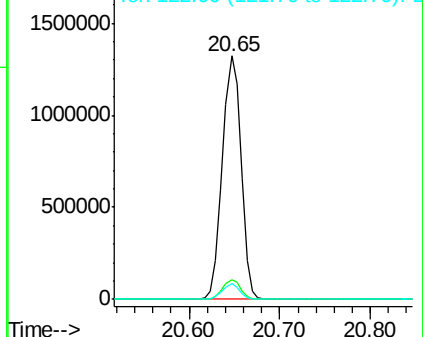
122 6.3 7.0 10.4#



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: 26.15 min Scan# 3890

Delta R.T. -0.00 min

Lab File: BG032202.D

Acq: 21 Jan 2018 5:57

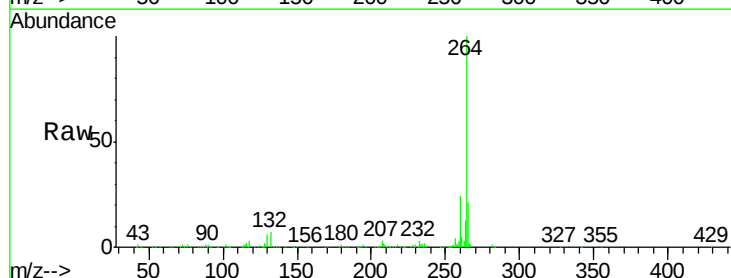
Tgt Ion:264 Resp: 450974

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 21.0 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

