

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037084.D
 Acq On : 1 Oct 2018 20:15
 Operator : JU/SJ
 Sample : J5154-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

Quant Time: Oct 02 06:39:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

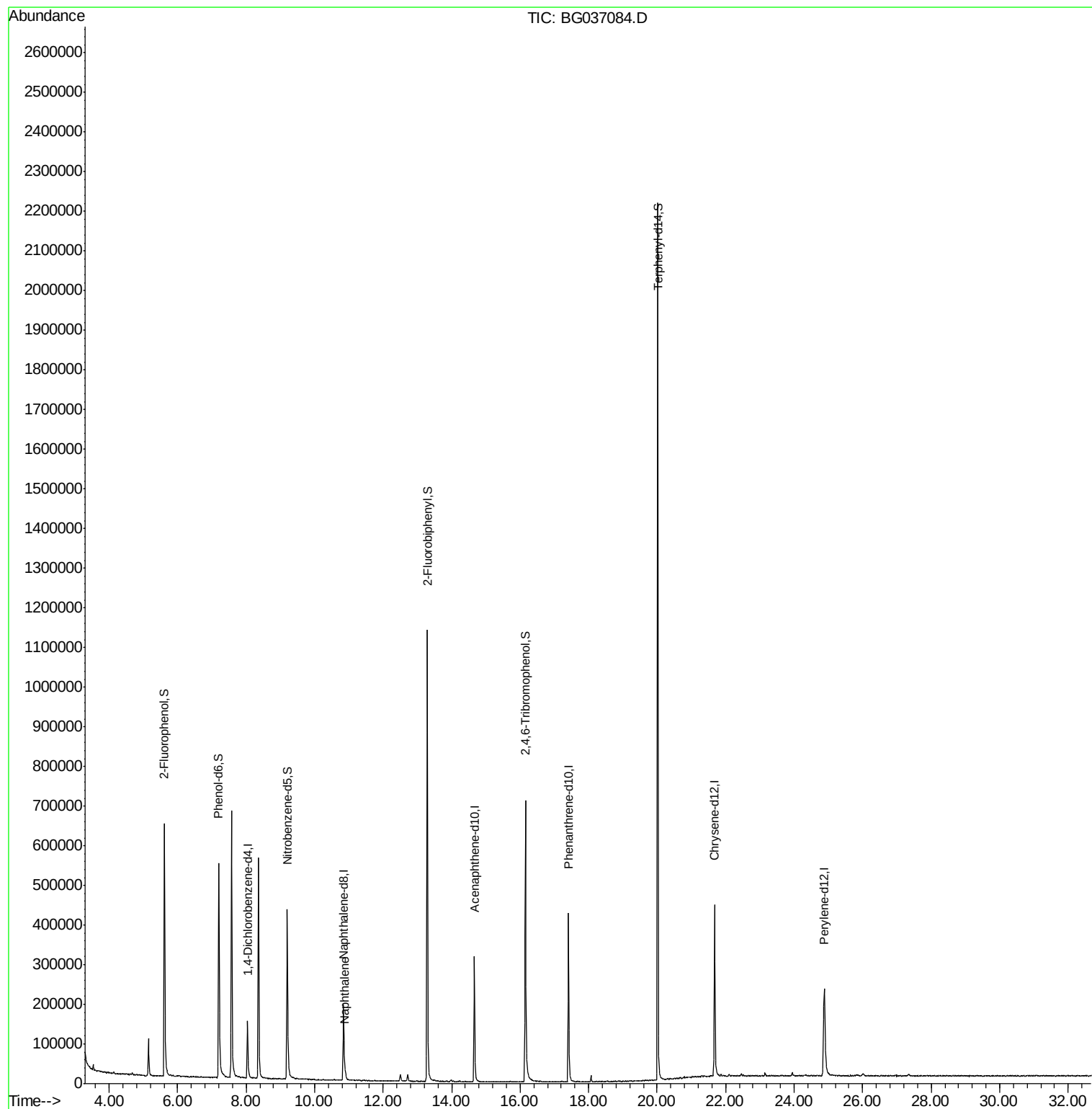
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48061	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	195314	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	118767	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	301296	20.00	ng	0.00
75) Chrysene-d12	21.67	240	312266	20.00	ng	-0.01
86) Perylene-d12	24.88	264	298108	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	306604	122.34	ng	0.00
7) Phenol-d6	7.20	99	367232	94.71	ng	-0.01
23) Nitrobenzene-d5	9.20	82	315899	86.61	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	154587	108.79	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	646164	81.03	ng	-0.01
78) Terphenyl-d14	20.02	244	1115649	93.95	ng	0.00
Target Compounds						
31) Naphthalene	10.89	128	18920	2.036	ng	Qvalue 97

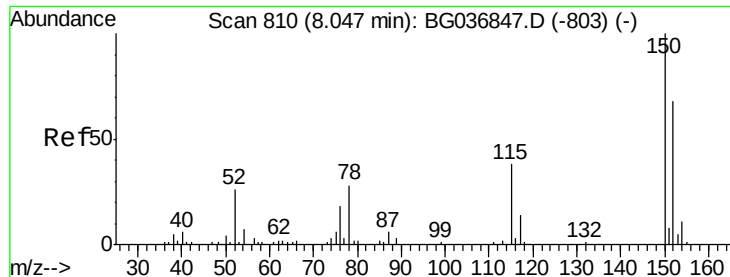
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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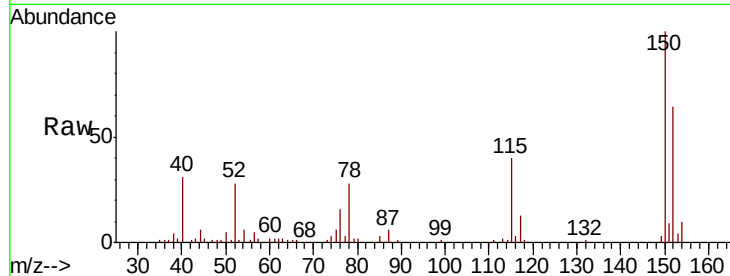


#1

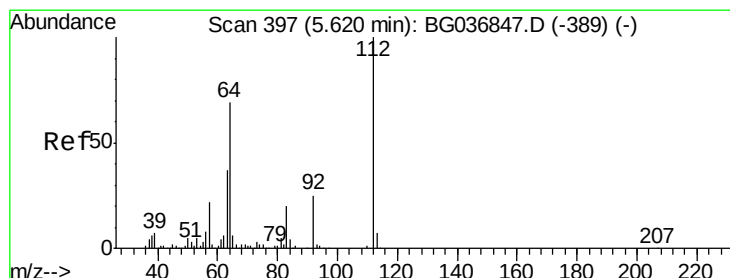
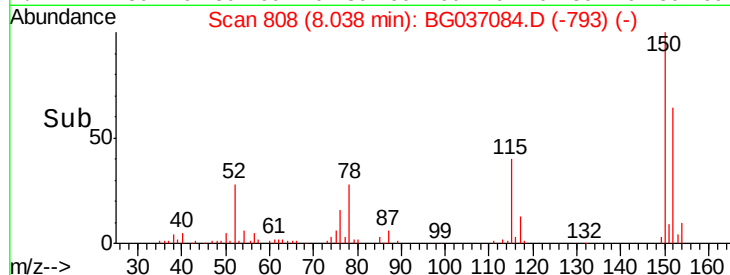
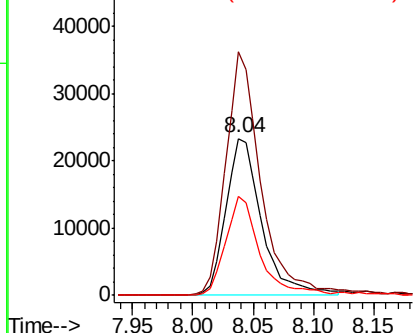
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037084.D
Acq: 1 Oct 2018 20:15

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tot Ion:152 Resp: 48061
Ion Ratio Lower Upper
152 100
150 155.1 119.5 179.3
115 62.7 44.5 66.7



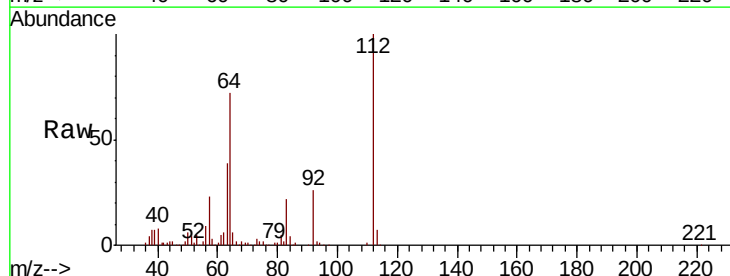
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



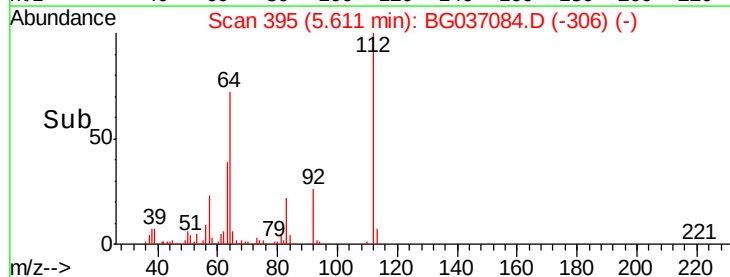
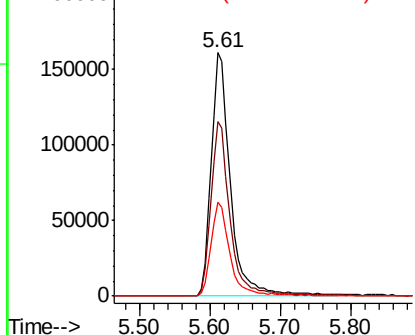
#5

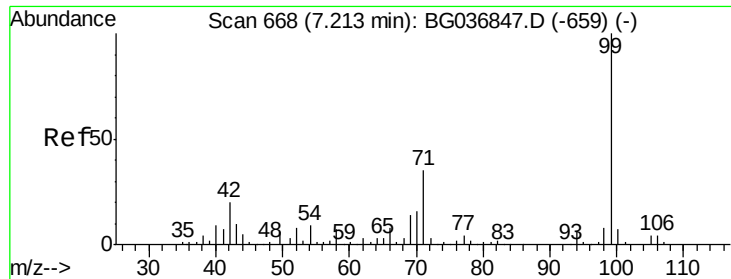
2-Fluorophenol
Concen: 122.345 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037084.D
Acq: 1 Oct 2018 20:15

Tgt Ion:112 Resp: 306604
Ion Ratio Lower Upper
112 100
64 71.7 57.2 85.8
63 38.6 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: 94.713 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG037084.D

Acq: 1 Oct 2018 20:15

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

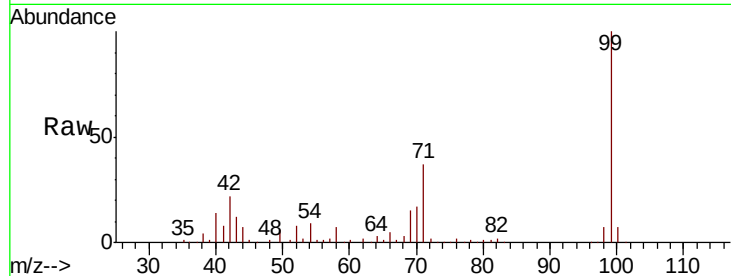
Tot Ion: 99 Resp: 367232

Ion Ratio Lower Upper

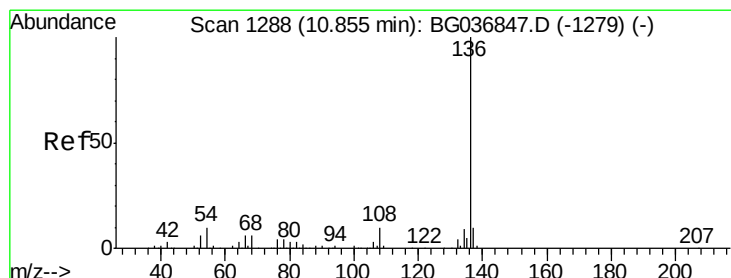
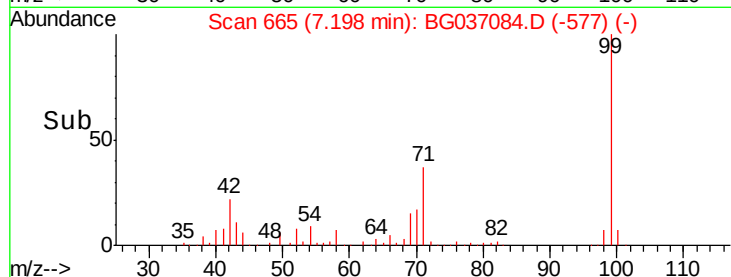
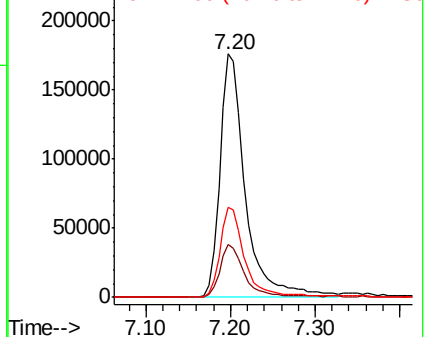
99 100

42 22.0 16.5 24.7

71 36.9 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: 10.84 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BG037084.D

Acq: 1 Oct 2018 20:15

Tgt Ion: 136 Resp: 195314

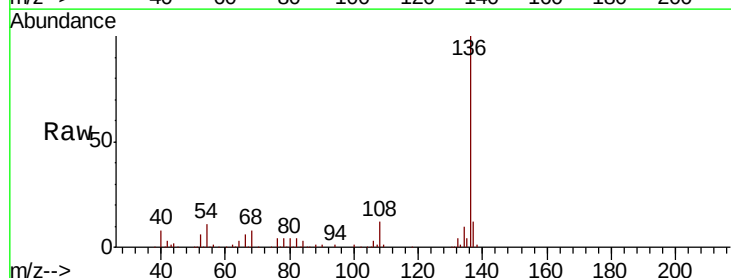
Ion Ratio Lower Upper

136 100

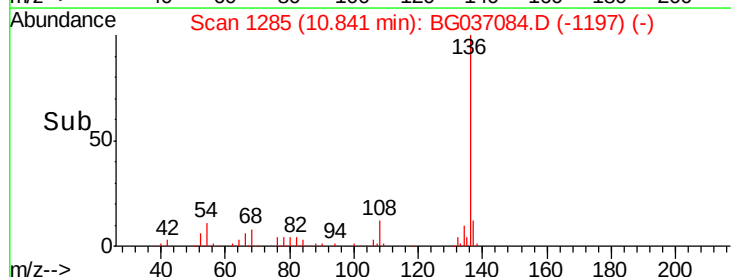
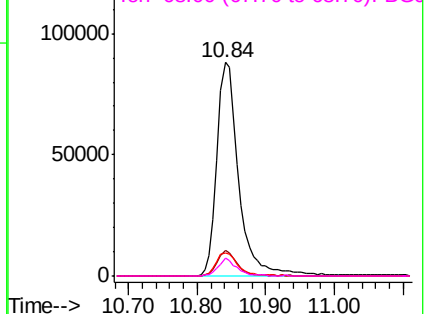
137 11.7 8.8 13.2

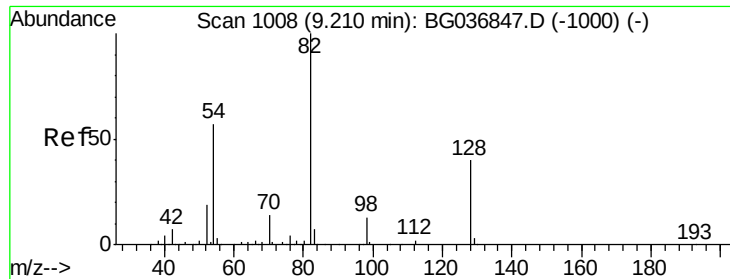
54 10.8 9.2 13.8

68 8.2 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

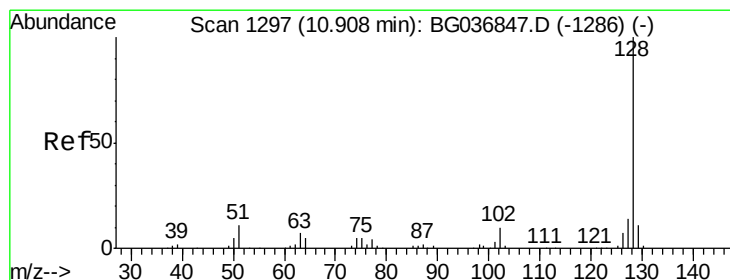
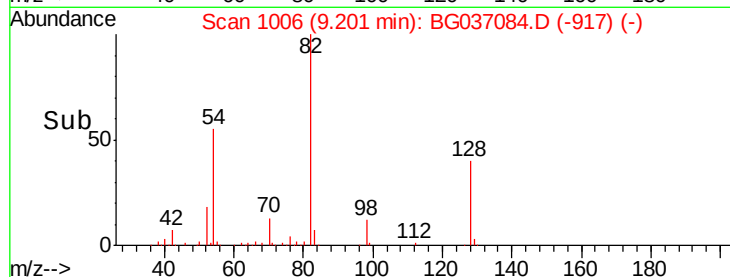
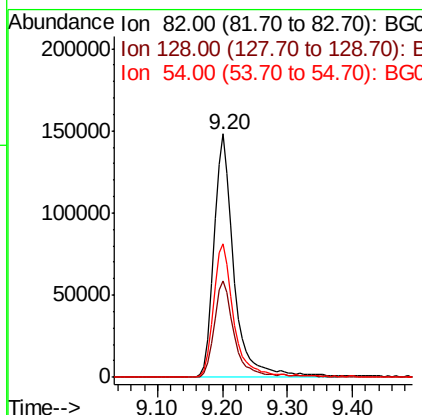
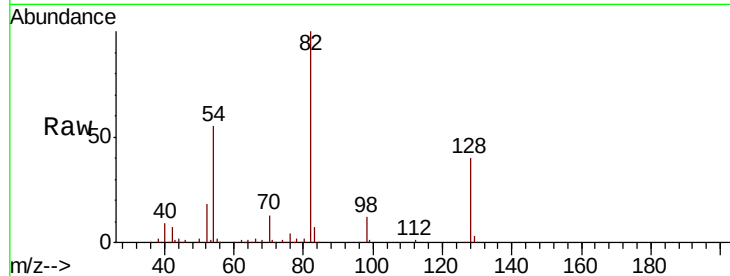




#23
 Nitrobenzene-d5
 Concen: 86.613 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037084.D
 Acq: 1 Oct 2018 20:15

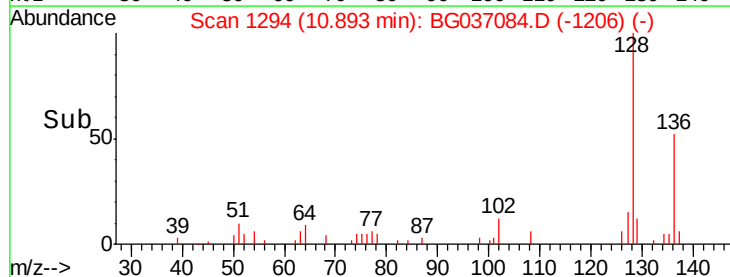
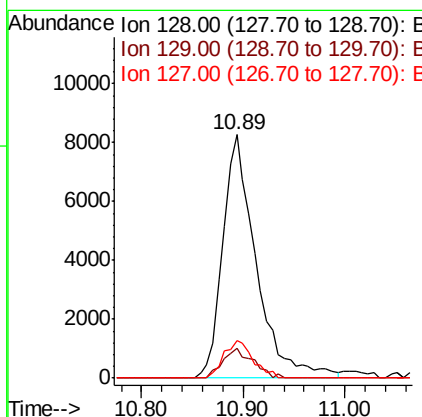
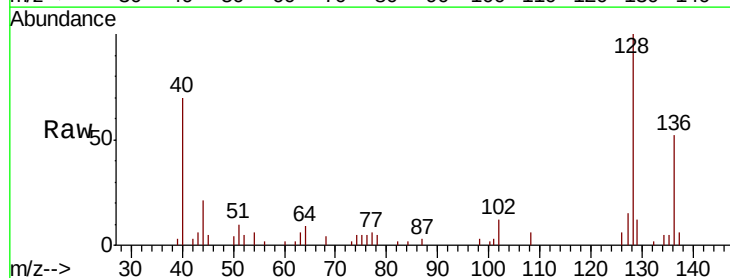
Instrument :
 BNA_G
 ClientSampleId :
 OILY-STONES

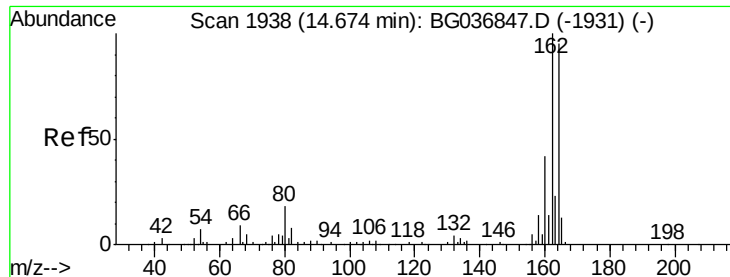
Tot Ion	82	Resp	315899
Ion Ratio	Lower	Upper	
82	100		
128	39.8	33.3	49.9
54	55.1	45.1	67.7



#31
 Naphthalene
 Concen: 2.036 ng
 RT: 10.89 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BG037084.D
 Acq: 1 Oct 2018 20:15

Tgt Ion	128	Resp	18920
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.4	14.2
127	15.4	11.0	16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037084.D

Acq: 1 Oct 2018 20:15

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

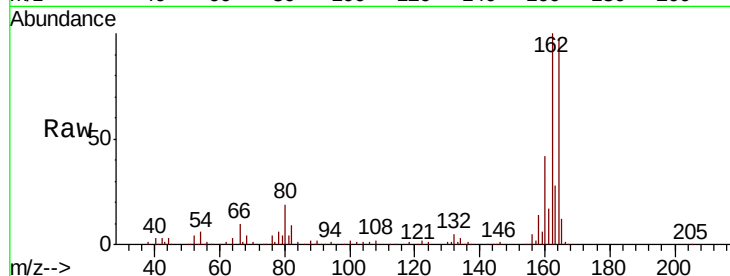
Tot Ion:164 Resp: 118767

Ion Ratio Lower Upper

164 100

162 103.6 80.7 121.1

160 43.6 35.3 52.9

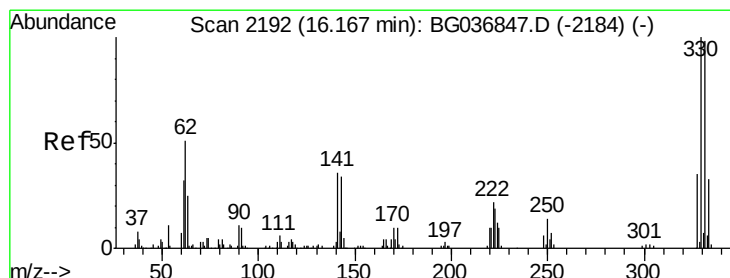
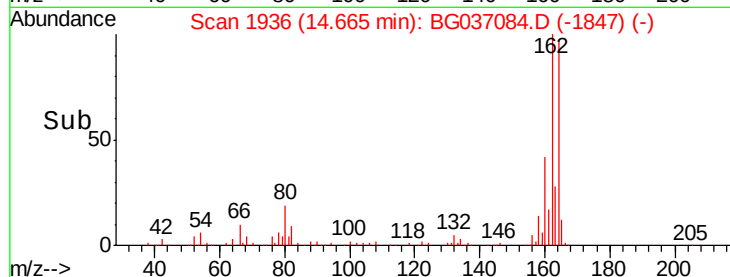
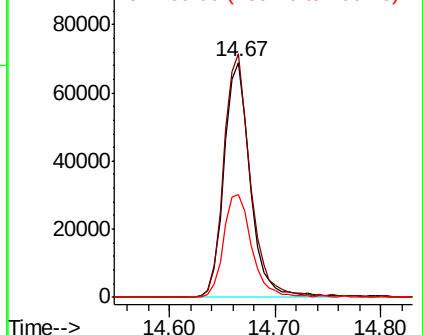


Abundance

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: 108.789 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG037084.D

Acq: 1 Oct 2018 20:15

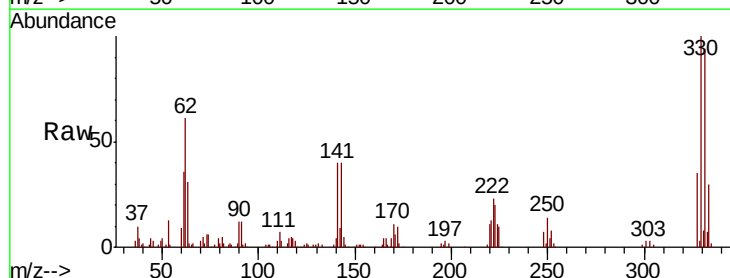
Tgt Ion:330 Resp: 154587

Ion Ratio Lower Upper

330 100

332 94.4 75.4 113.2

141 39.7 30.7 46.1

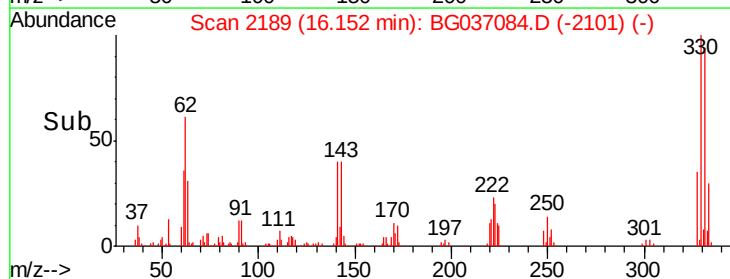
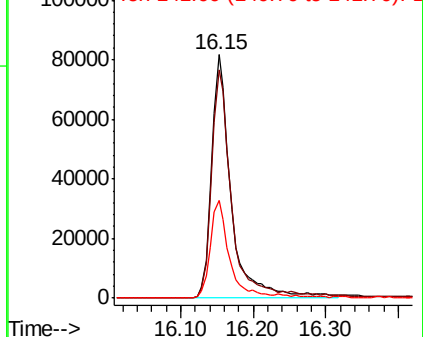


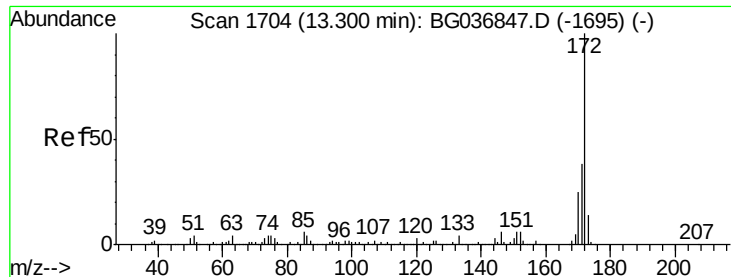
Abundance

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

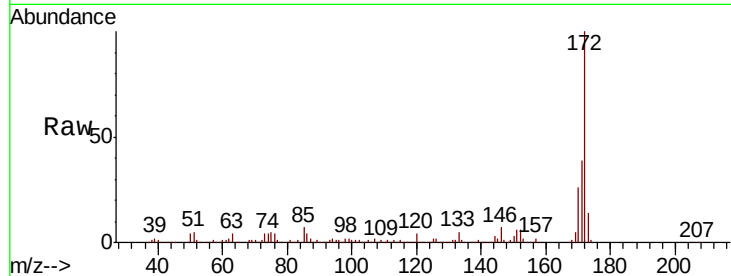




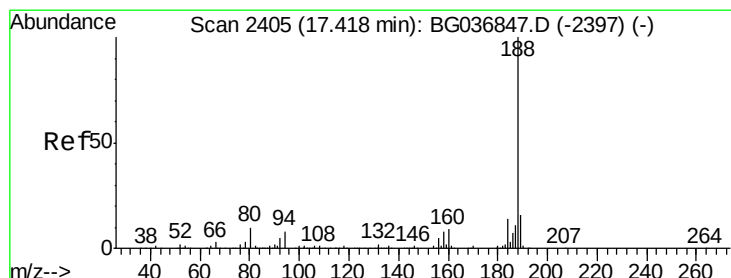
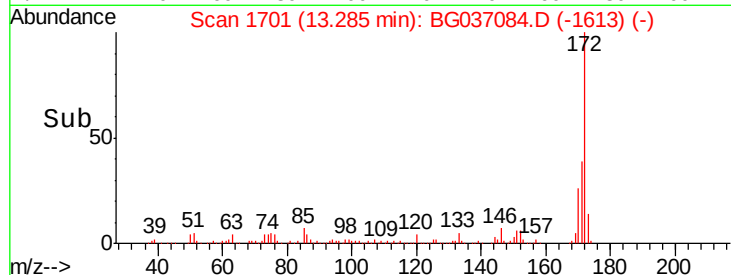
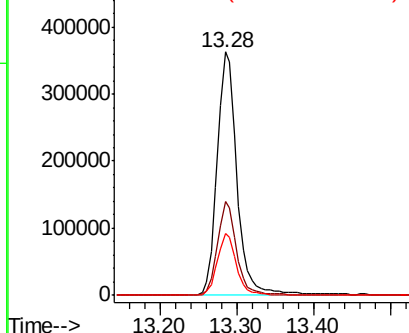
#44
2-Fluorobiphenyl
Concen: 81.032 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BG037084.D
Acq: 1 Oct 2018 20:15

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tot Ion:172 Resp: 646164
Ion Ratio Lower Upper
172 100
171 38.8 31.3 46.9
170 25.6 21.0 31.6

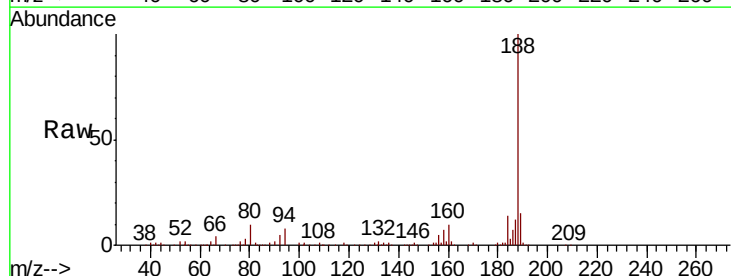


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

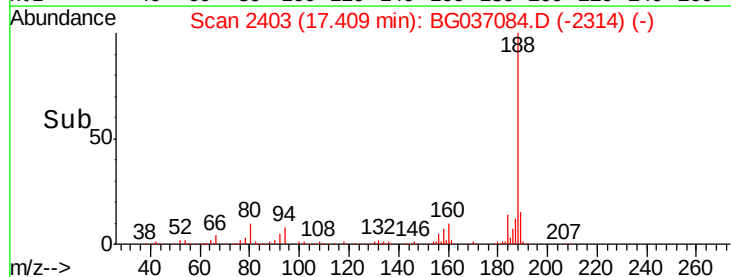
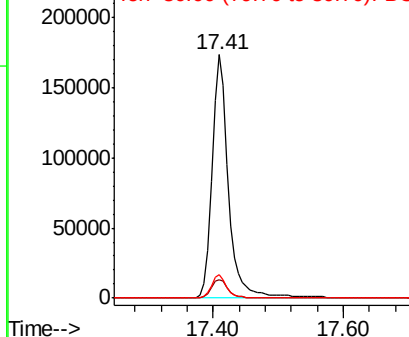


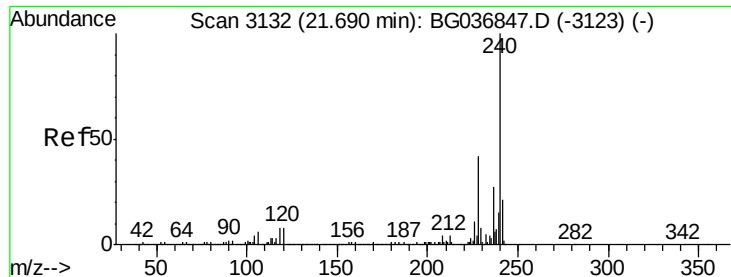
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037084.D
Acq: 1 Oct 2018 20:15

Tgt Ion:188 Resp: 301296
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.9 8.1 12.1



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: 21.67 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG037084.D

Acq: 1 Oct 2018 20:15

Instrument :

BNA_G

ClientSampleId :

OILY-STONES

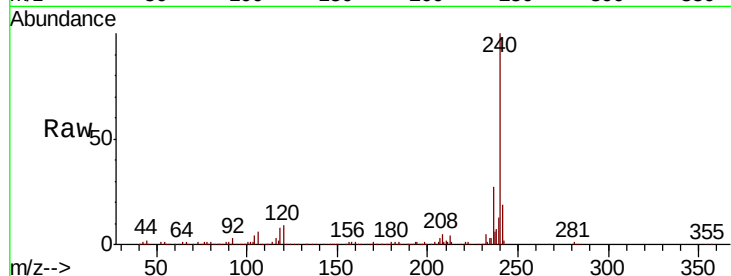
Tot Ion:240 Resp: 312266

Ion Ratio Lower Upper

240 100

120 9.3 6.9 10.3

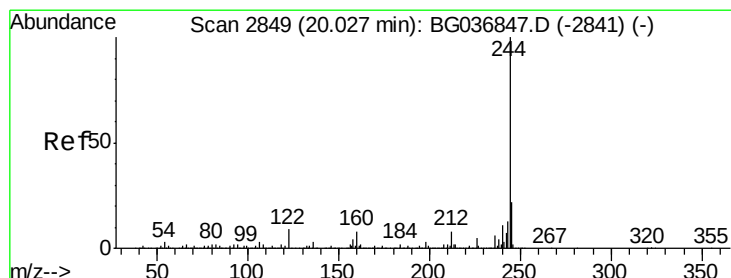
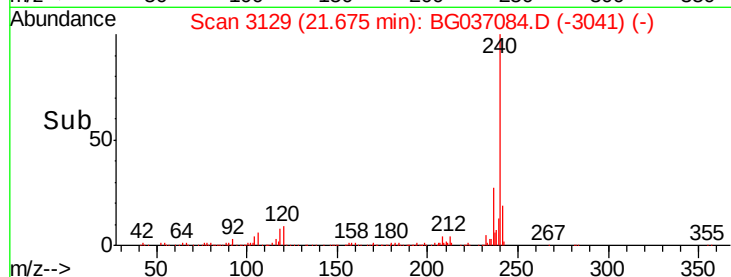
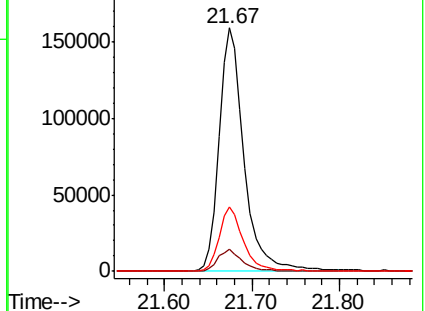
236 26.5 21.2 31.8



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: 93.945 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037084.D

Acq: 1 Oct 2018 20:15

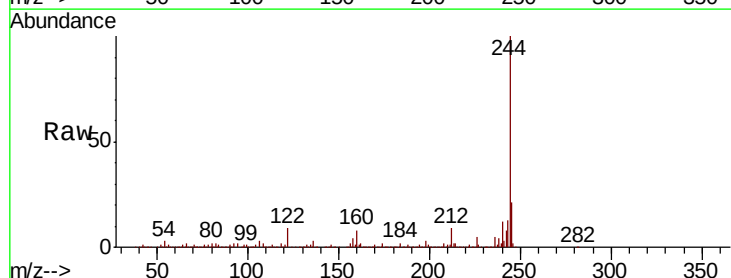
Tgt Ion:244 Resp: 1115649

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

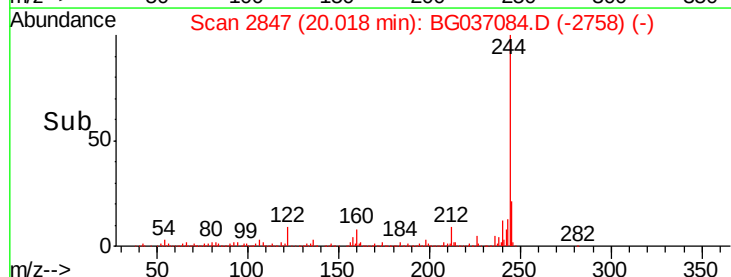
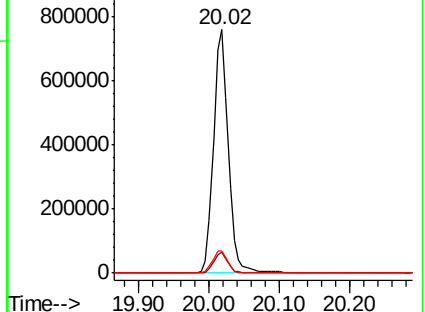
122 9.2 7.1 10.7

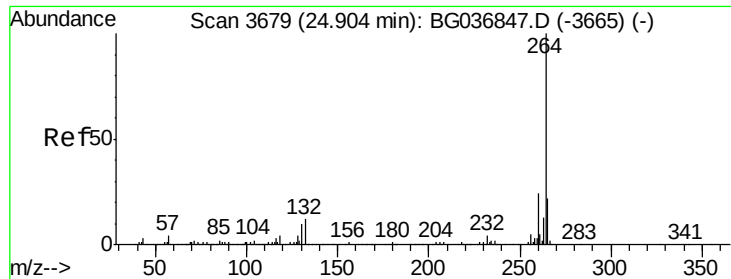


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037084.D
Acq: 1 Oct 2018 20:15

Instrument :
BNA_G
ClientSampleId :
OILY-STONES

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.7	17.4	26.0

