

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037212.D
 Acq On : 6 Oct 2018 14:36
 Operator : JU/SJ
 Sample : J5238-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MT-T-5-8

Quant Time: Oct 08 05:04:40 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	8.03	152	46526	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	184451	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	114995	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	291161	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	295800	20.00	ng	-0.02
86) Perylene-d12	24.86	264	281386	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	275164	113.42	ng	-0.01
7) Phenol-d6	7.19	99	346951	92.43	ng	-0.02
23) Nitrobenzene-d5	9.19	82	303942	88.24	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	153580	111.63	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	627315	81.25	ng	-0.02
78) Terphenyl-d14	20.01	244	1050188	93.36	ng	-0.02

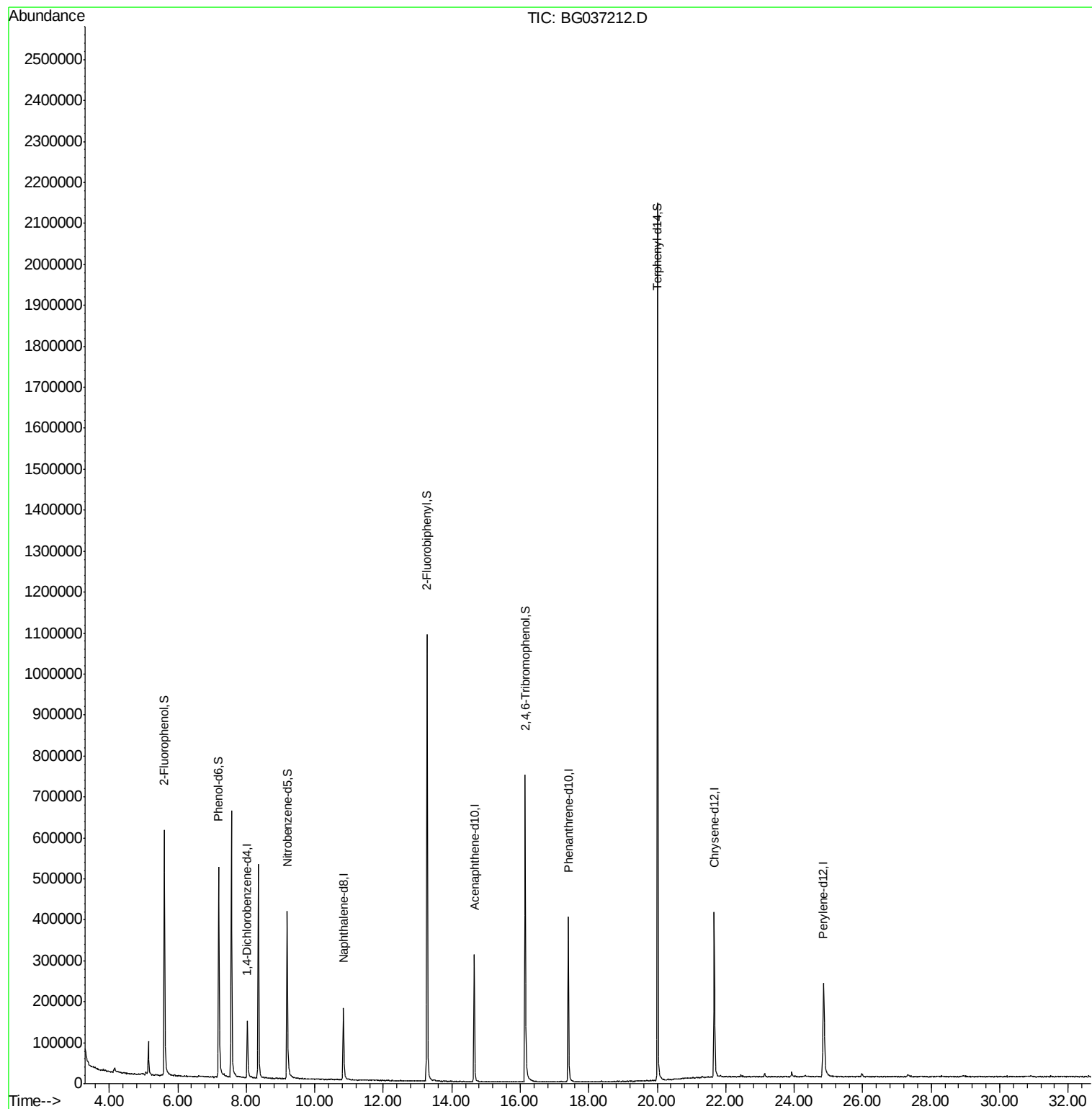
Target Compounds Qvalue

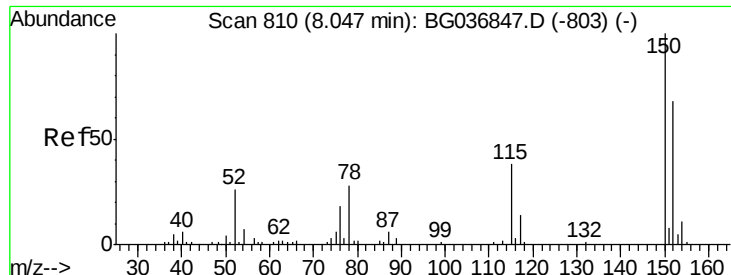
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.02 min

Lab File: BG037212.D

Acq: 6 Oct 2018 14:36

Instrument :

BNA_G

ClientSampleId :

MT-T-5-8

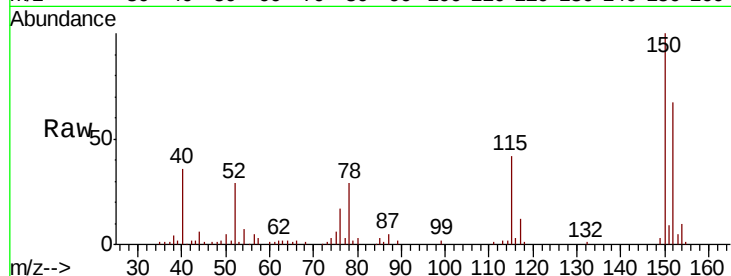
Tot Ion:152 Resp: 46526

Ion Ratio Lower Upper

152 100

150 148.9 119.5 179.3

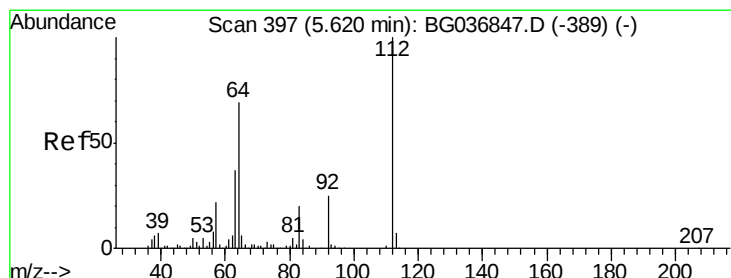
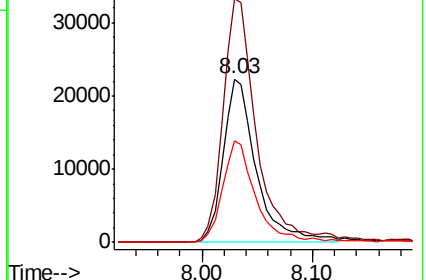
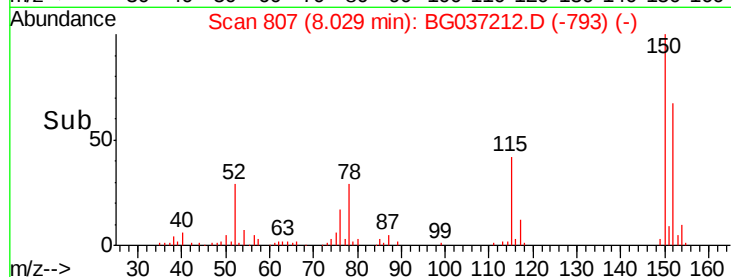
115 61.9 44.5 66.7



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: 113.421 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG037212.D

Acq: 6 Oct 2018 14:36

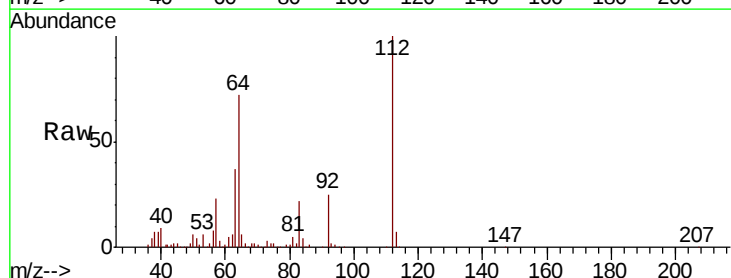
Tgt Ion:112 Resp: 275164

Ion Ratio Lower Upper

112 100

64 71.7 57.2 85.8

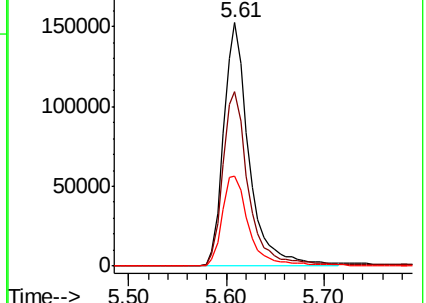
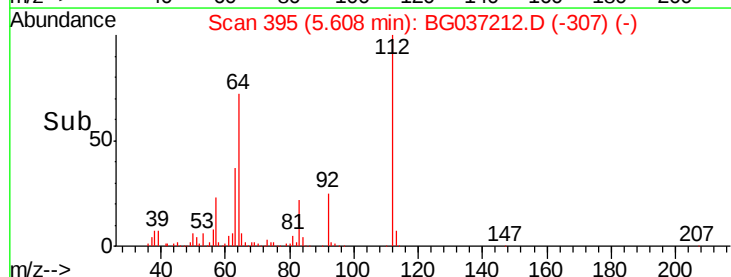
63 37.1 30.8 46.2

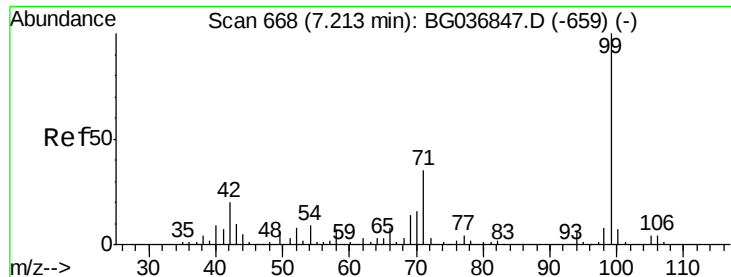


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 92.434 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037212.D

Acq: 6 Oct 2018 14:36

Instrument :

BNA_G

ClientSampleId :

MT-T-5-8

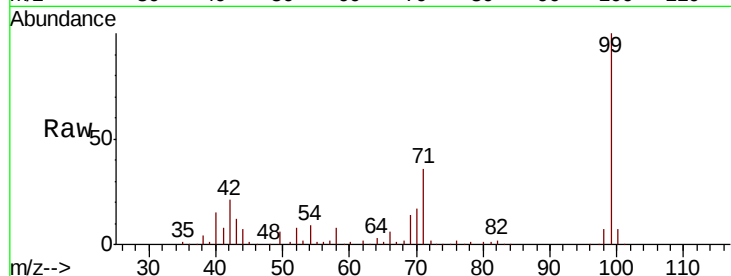
Tot Ion: 99 Resp: 346951

Ion Ratio Lower Upper

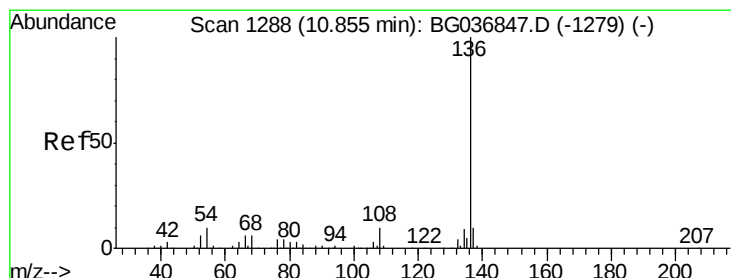
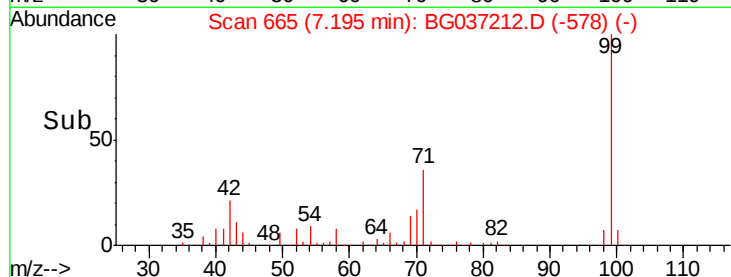
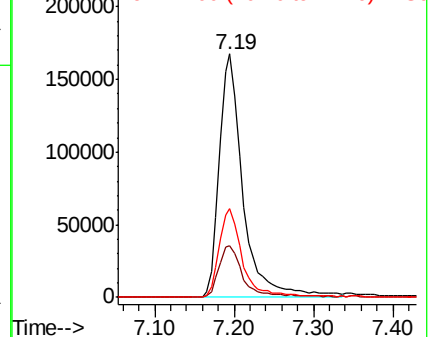
99 100

42 21.4 16.5 24.7

71 36.4 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: 10.84 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG037212.D

Acq: 6 Oct 2018 14:36

Tgt Ion: 136 Resp: 184451

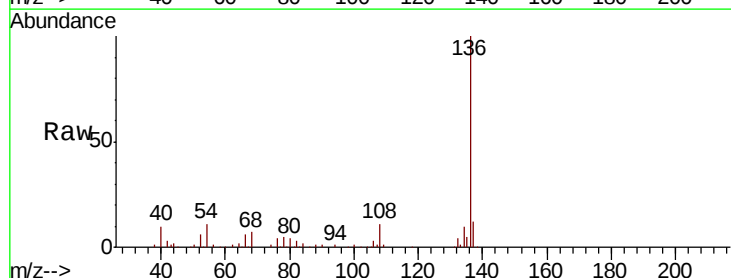
Ion Ratio Lower Upper

136 100

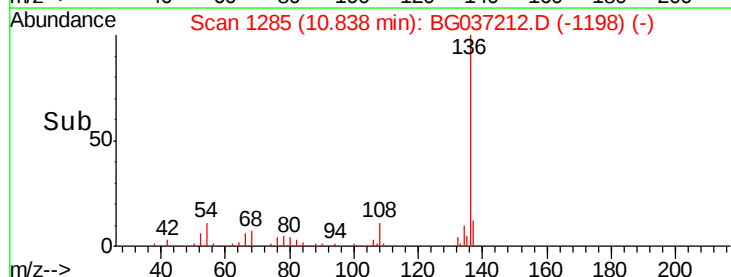
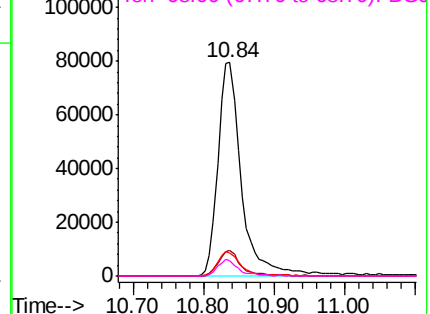
137 11.7 8.8 13.2

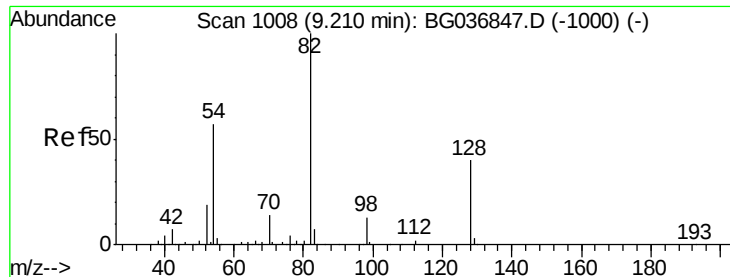
54 11.1 9.2 13.8

68 7.3 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

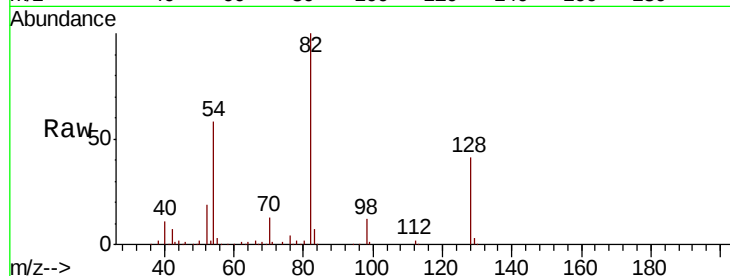




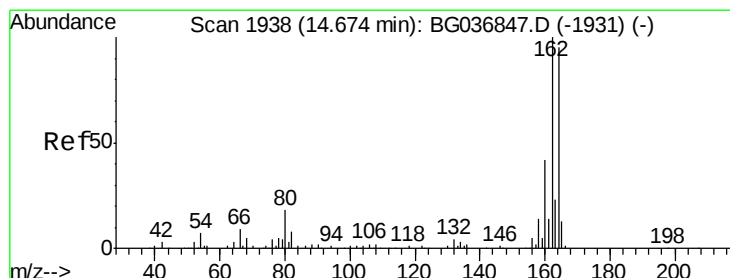
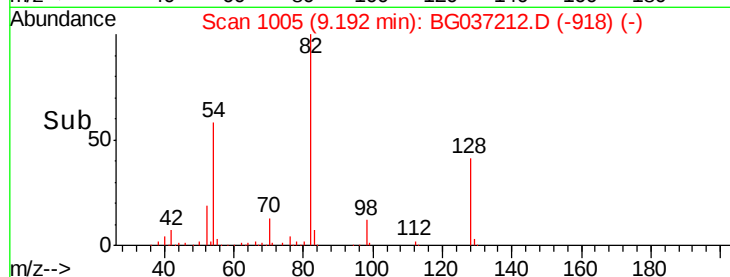
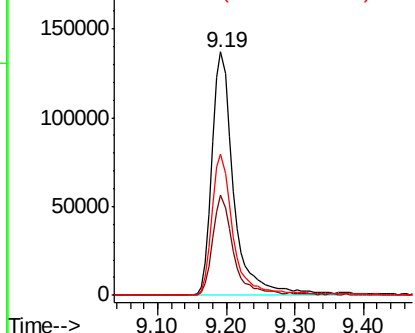
#23
 Nitrobenzene-d5
 Concen: 88.242 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037212.D
 Acq: 6 Oct 2018 14:36

Instrument :
 BNA_G
 ClientSampleId :
 MT-T-5-8

Tot Ion	82	Resp	303942
Ion Ratio	Lower	Upper	
82	100		
128	41.1	33.3	49.9
54	58.0	45.1	67.7

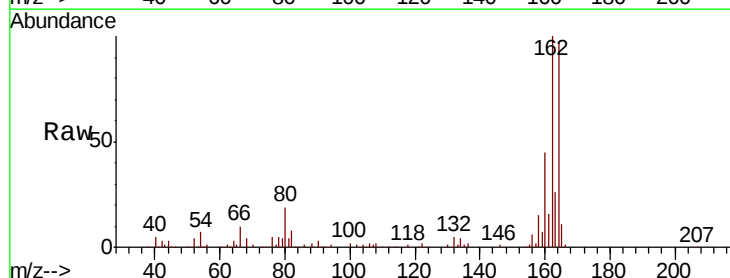


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

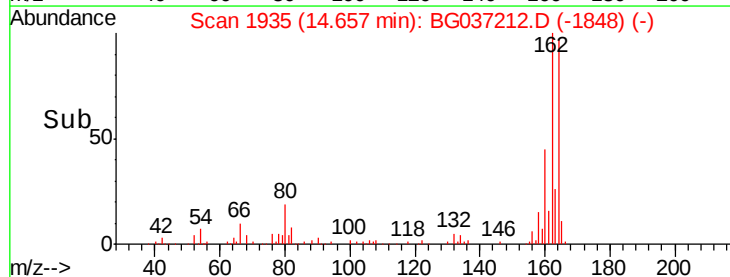
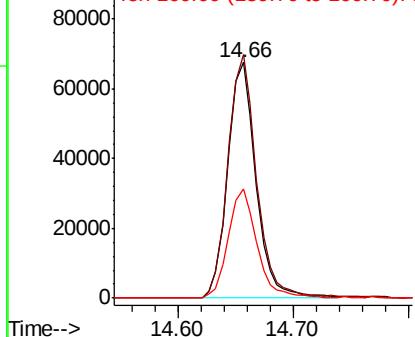


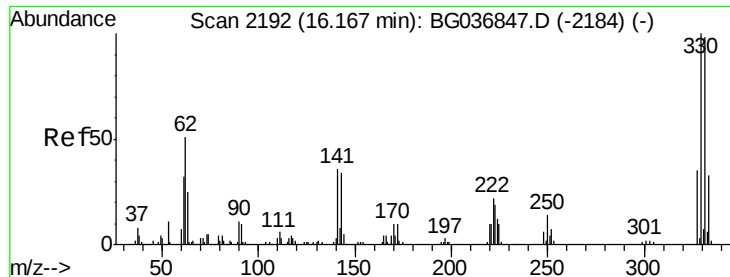
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BG037212.D
 Acq: 6 Oct 2018 14:36

Tgt Ion	164	Resp	114995
Ion Ratio	Lower	Upper	
164	100		
162	103.4	80.7	121.1
160	46.3	35.3	52.9



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

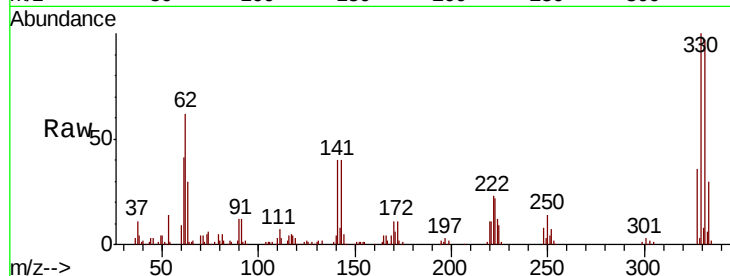




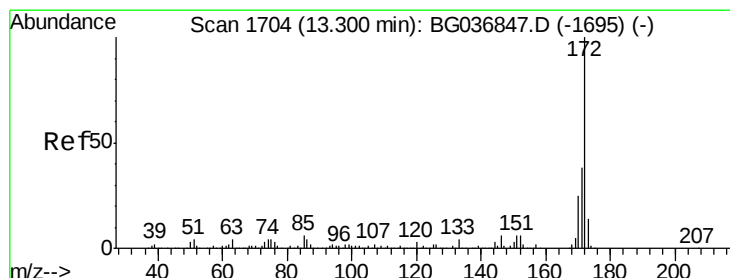
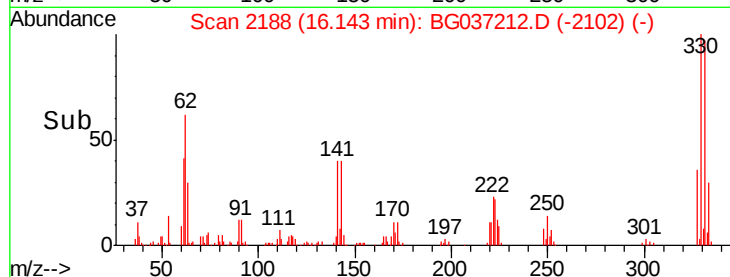
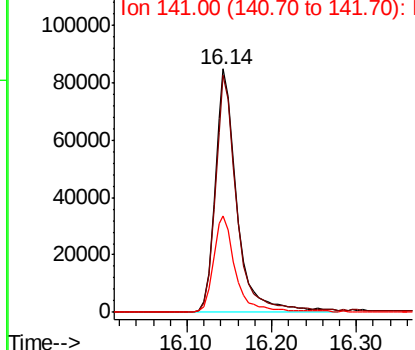
#41
 2,4,6-Tribromophenol
 Concen: 111.626 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037212.D
 Acq: 6 Oct 2018 14:36

Instrument :
 BNA_G
 ClientSampleId :
 MT-T-5-8

Tot Ion:330 Resp: 153580
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.2
 141 40.5 30.7 46.1

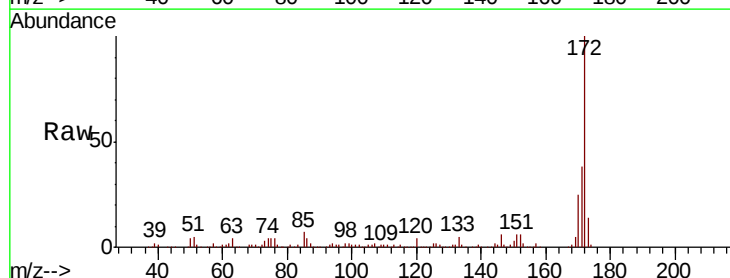


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

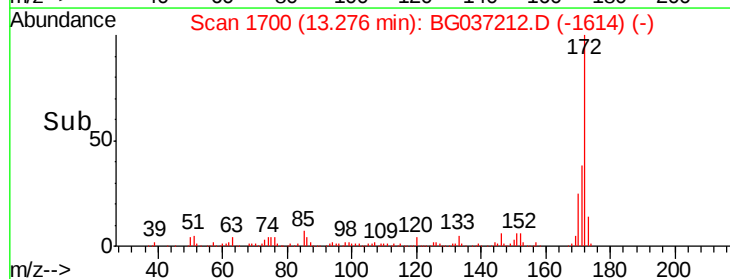
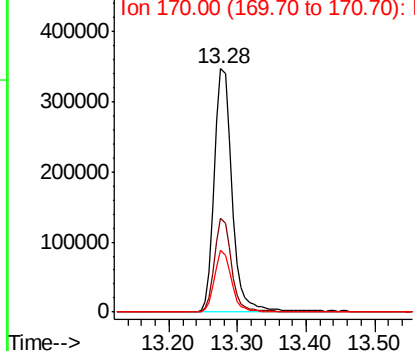


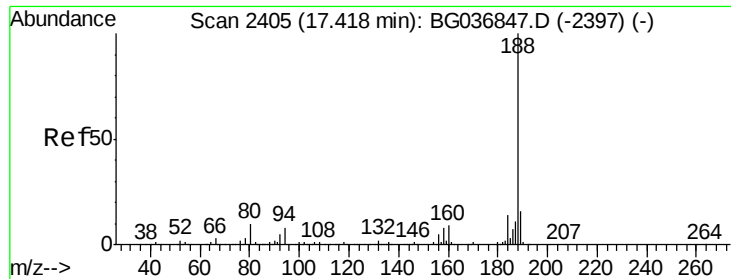
#44
 2-Fluorobiphenyl
 Concen: 81.248 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037212.D
 Acq: 6 Oct 2018 14:36

Tgt Ion:172 Resp: 627315
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.3 46.9
 170 25.4 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

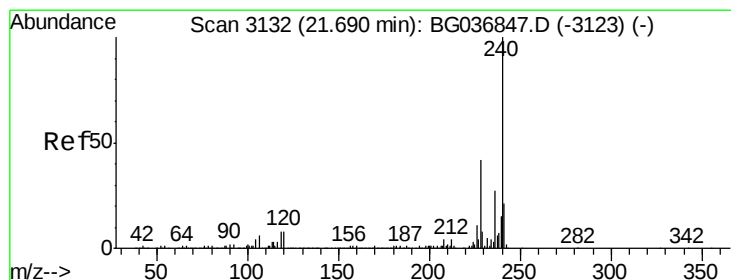
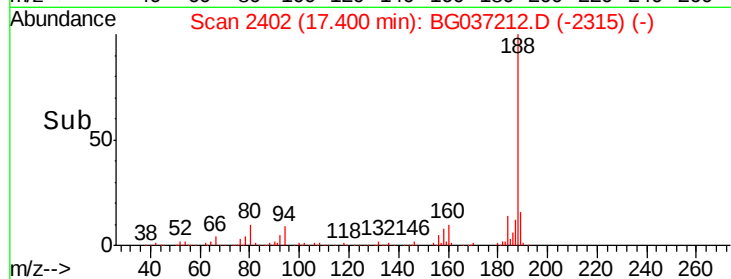
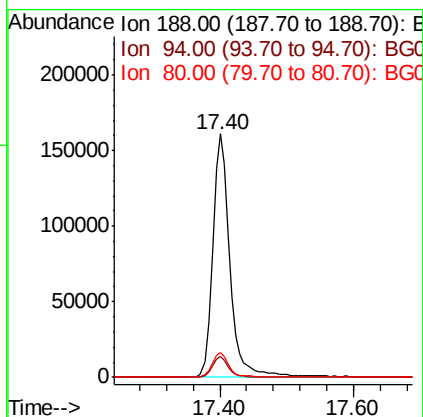
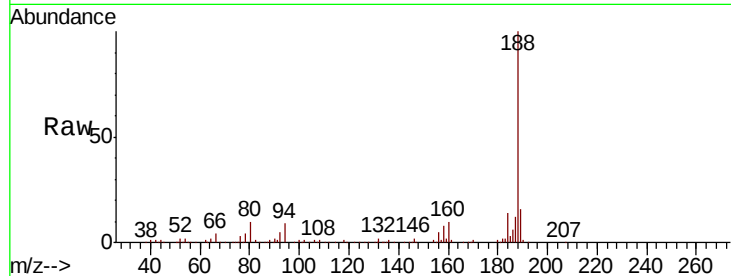




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037212.D
Acq: 6 Oct 2018 14:36

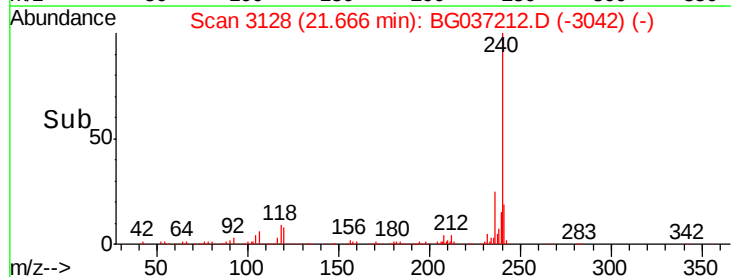
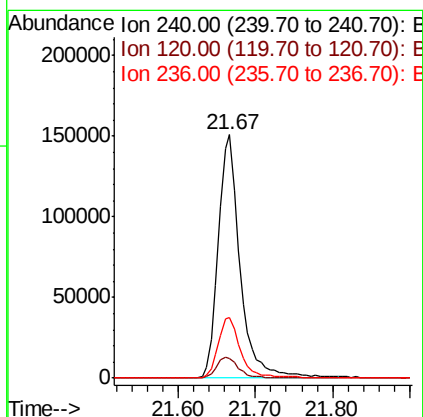
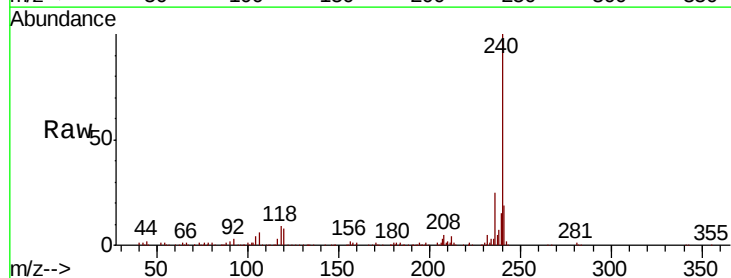
Instrument :
BNA_G
ClientSampleId :
MT-T-5-8

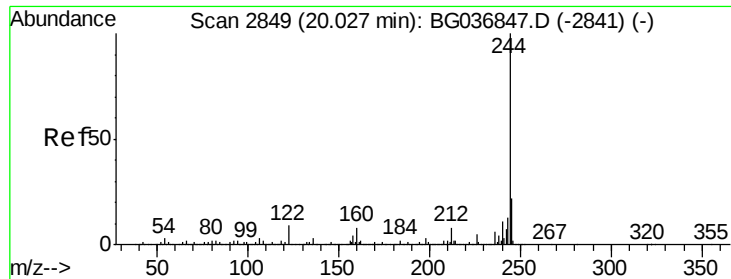
Tot Ion:188 Resp: 291161
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 10.1 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037212.D
Acq: 6 Oct 2018 14:36

Tgt Ion:240 Resp: 295800
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.1 21.2 31.8





#78

Terphenyl-d14

Concen: 93.356 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037212.D

Acq: 6 Oct 2018 14:36

Instrument :

BNA_G

ClientSampleId :

MT-T-5-8

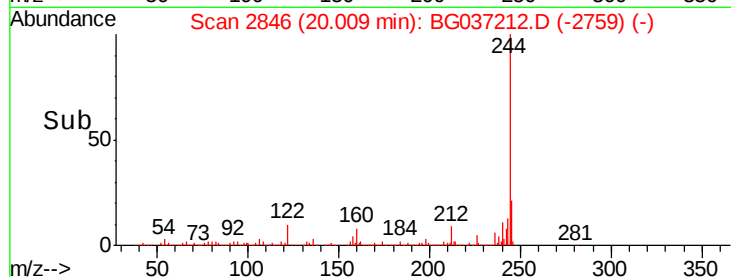
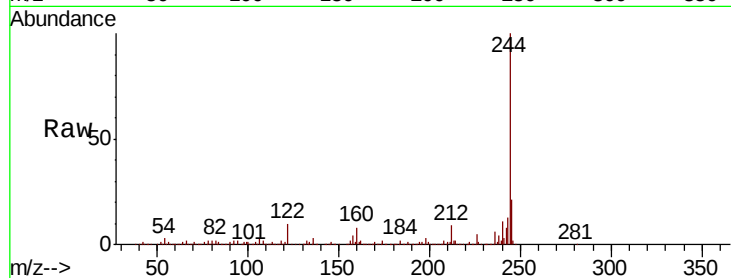
Tot Ion:244 Resp: 1050188

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

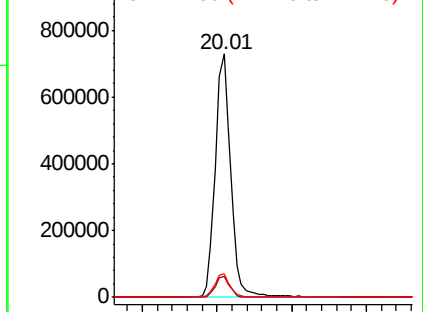
122 9.5 7.1 10.7



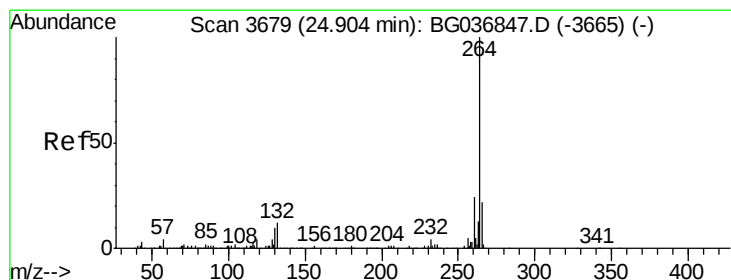
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3671

Delta R.T. -0.05 min

Lab File: BG037212.D

Acq: 6 Oct 2018 14:36

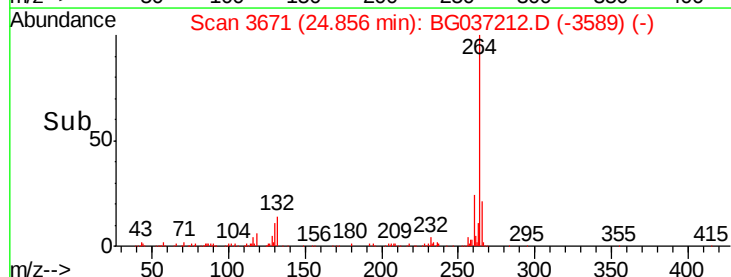
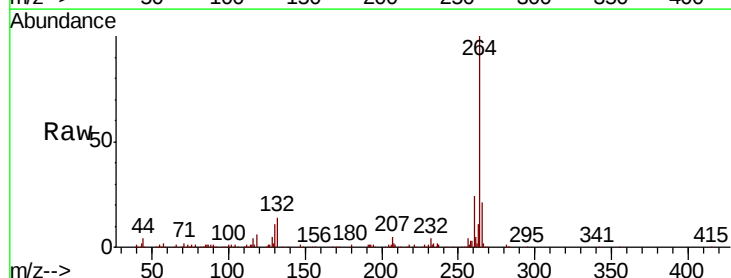
Tgt Ion:264 Resp: 281386

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

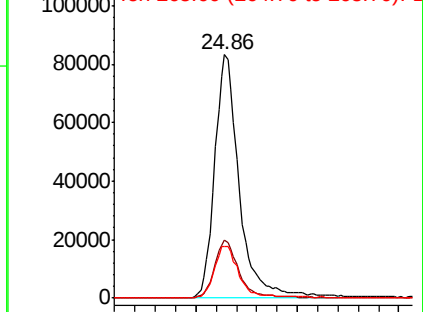
265 21.2 17.4 26.0



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



Time-->