

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037210.D
 Acq On : 6 Oct 2018 13:18
 Operator : JU/SJ
 Sample : J5204-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-100318-B

Quant Time: Oct 08 05:01:49 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	44008	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	172984	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	110981	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	291826	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	293723	20.00	ng	-0.02
86) Perylene-d12	24.86	264	282501	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	292188	127.33	ng	-0.01
7) Phenol-d6	7.19	99	359428	101.24	ng	-0.02
23) Nitrobenzene-d5	9.19	82	305166	94.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	164690	124.03	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	625068	83.89	ng	-0.02
78) Terphenyl-d14	20.01	244	1090399	97.62	ng	-0.02

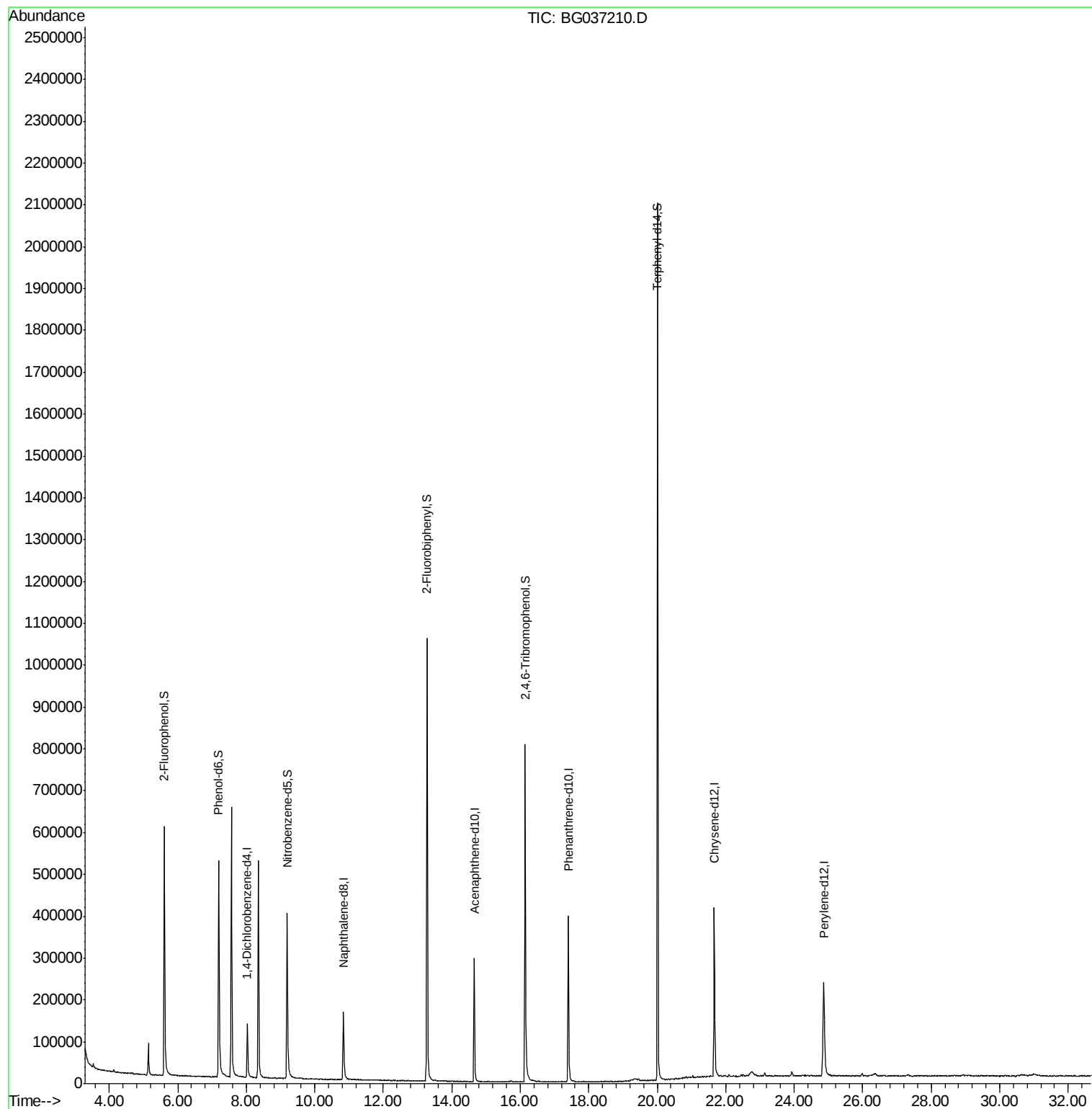
Target Compounds Qvalue

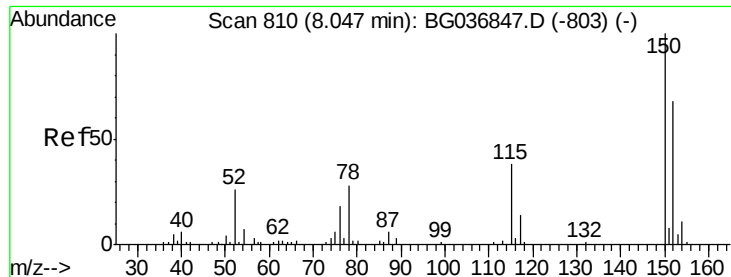
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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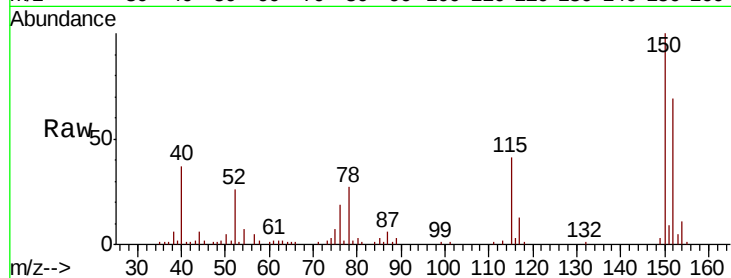


#1

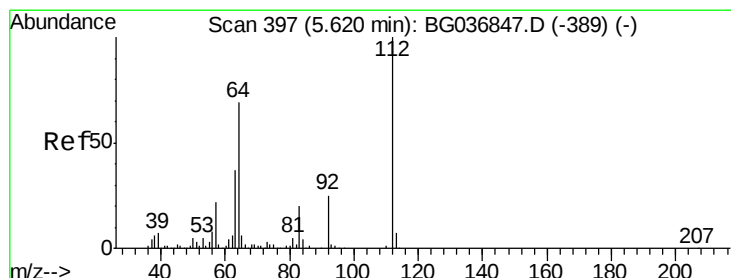
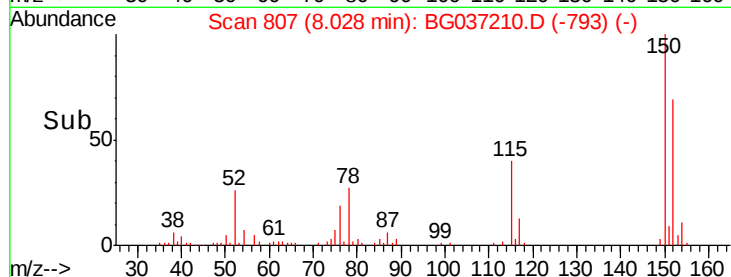
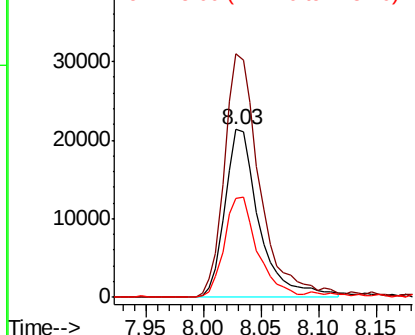
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-B

Tot Ion:152 Resp: 44008
Ion Ratio Lower Upper
152 100
150 145.3 119.5 179.3
115 59.3 44.5 66.7



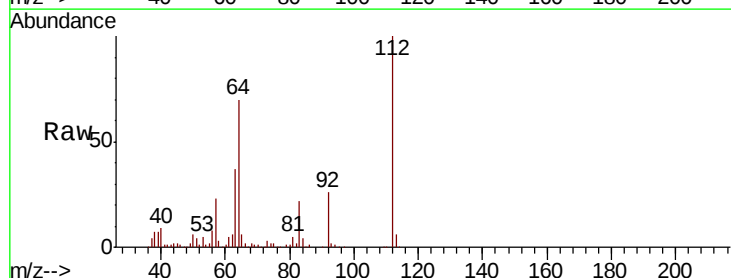
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



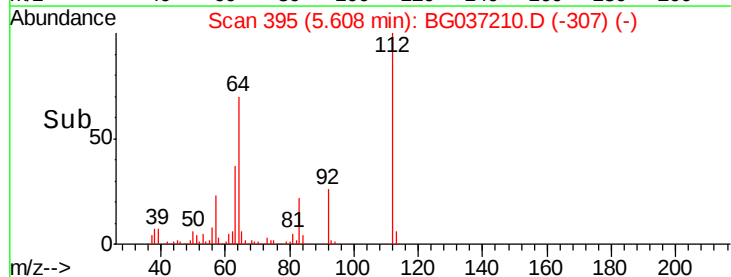
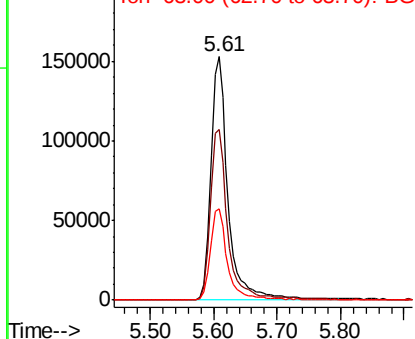
#5

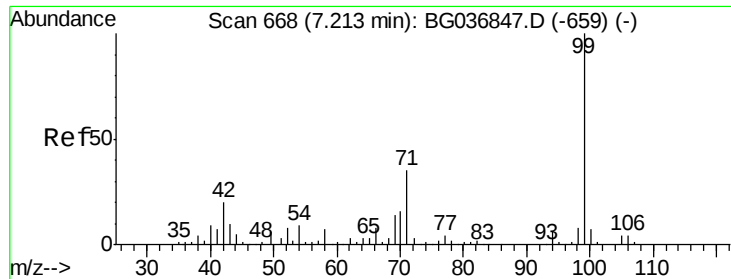
2-Fluorophenol
Concen: 127.330 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Tgt Ion:112 Resp: 292188
Ion Ratio Lower Upper
112 100
64 70.2 57.2 85.8
63 37.5 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: 101.238 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037210.D

Acq: 6 Oct 2018 13:18

Instrument :

BNA_G

ClientSampleId :

SU-04-100318-B

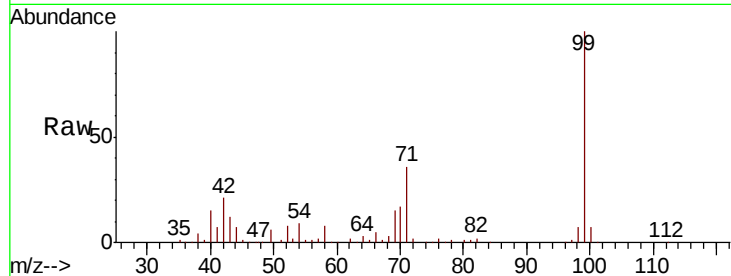
Tot Ion: 99 Resp: 359428

Ion Ratio Lower Upper

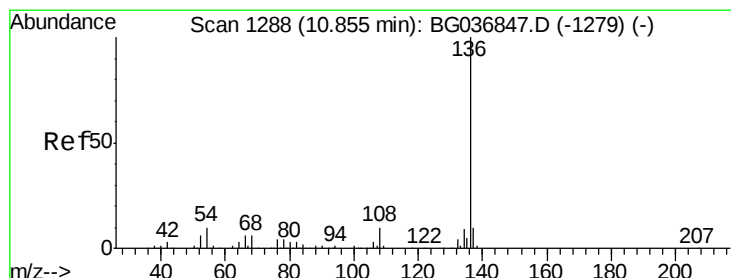
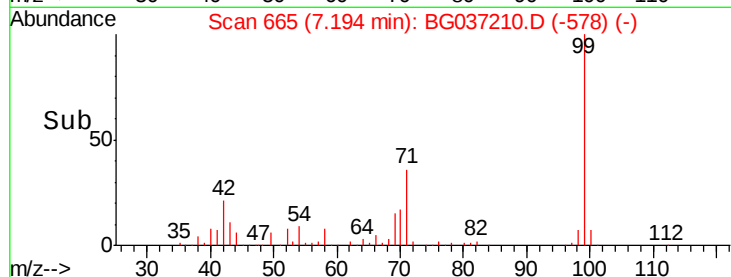
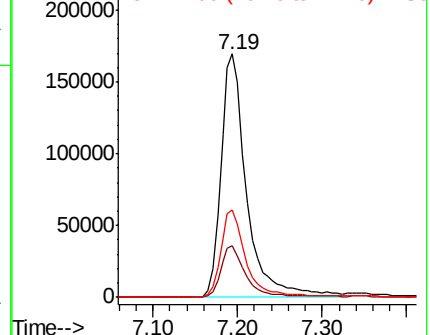
99 100

42 21.1 16.5 24.7

71 36.0 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: BG037210.D

Acq: 6 Oct 2018 13:18

Tgt Ion: 136 Resp: 172984

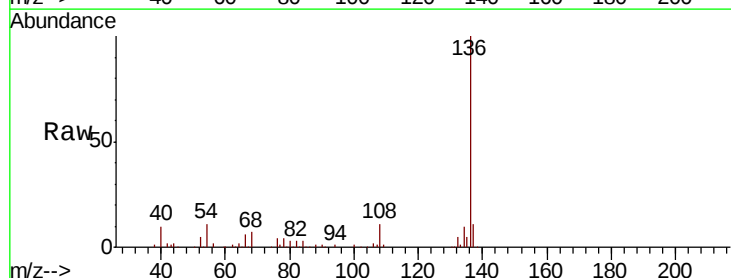
Ion Ratio Lower Upper

136 100

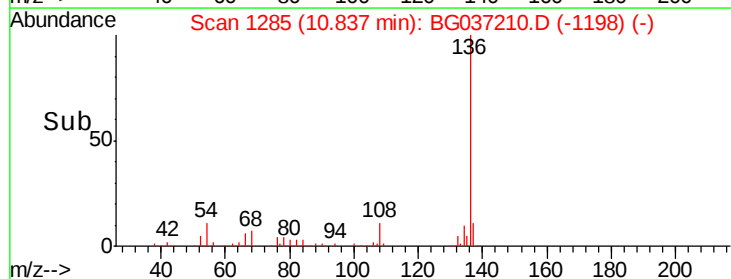
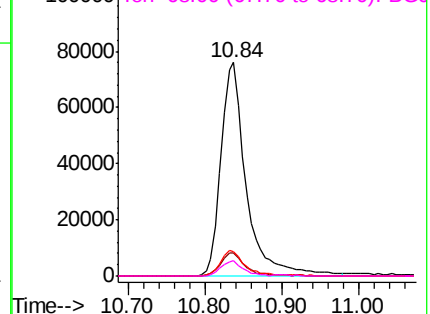
137 10.9 8.8 13.2

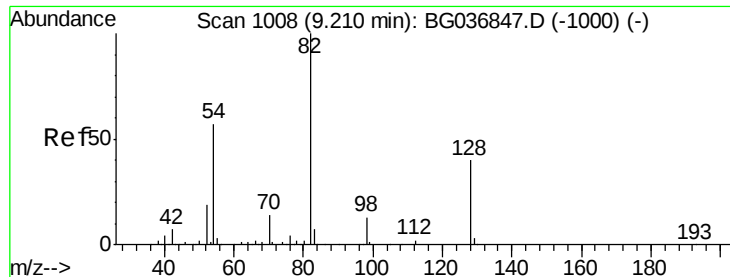
54 11.2 9.2 13.8

68 7.1 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

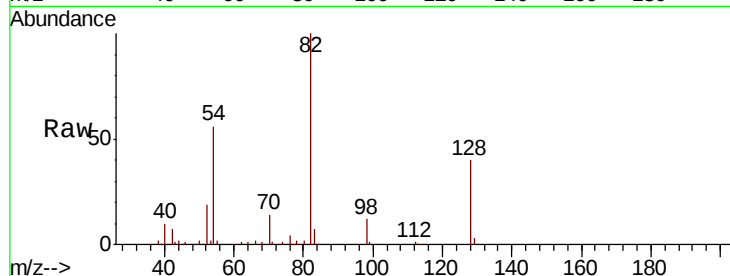




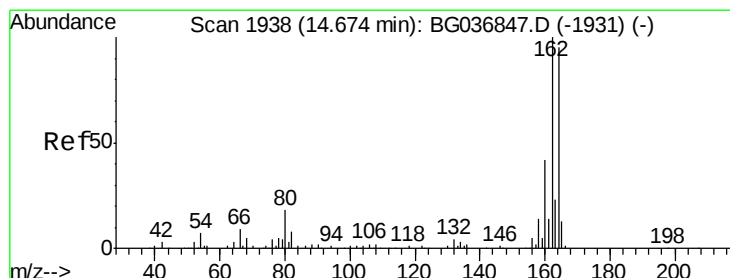
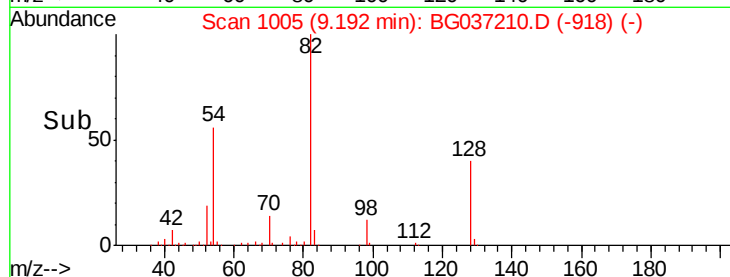
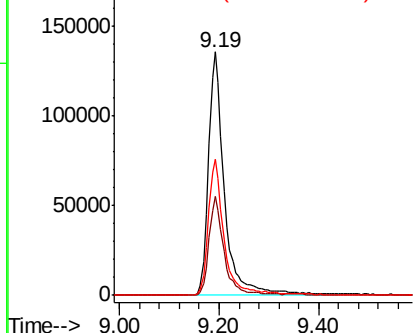
#23
Nitrobenzene-d5
Concen: 94.471 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Instrument :
BNA_G
ClientSampleId :
SU-04-100318-B

Tot Ion: 82 Resp: 305166
Ion Ratio Lower Upper
82 100
128 40.5 33.3 49.9
54 55.9 45.1 67.7

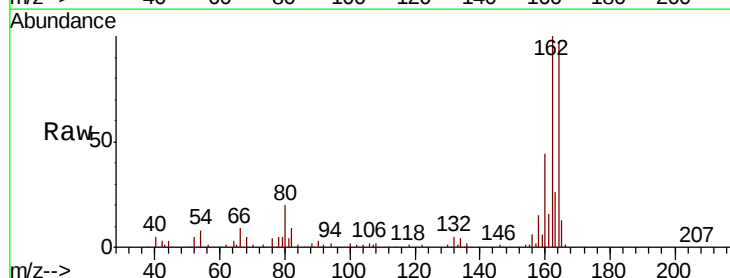


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

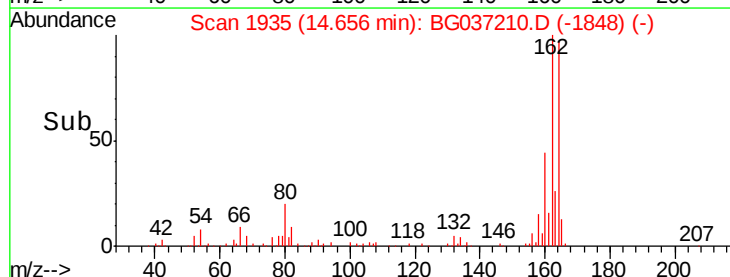
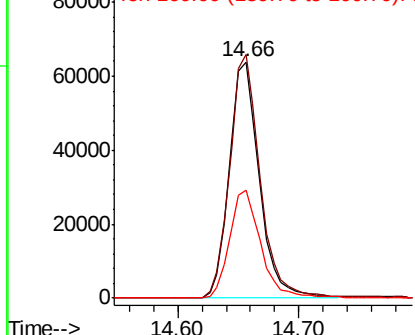


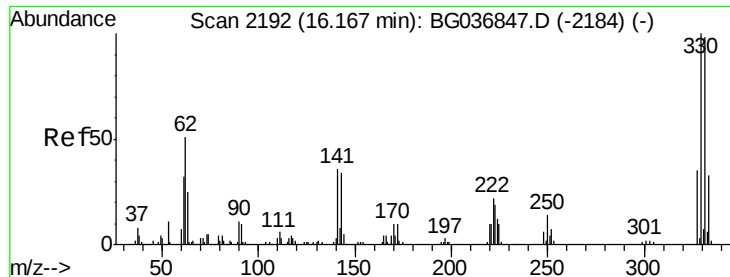
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Tgt Ion:164 Resp: 110981
Ion Ratio Lower Upper
164 100
162 103.2 80.7 121.1
160 45.5 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

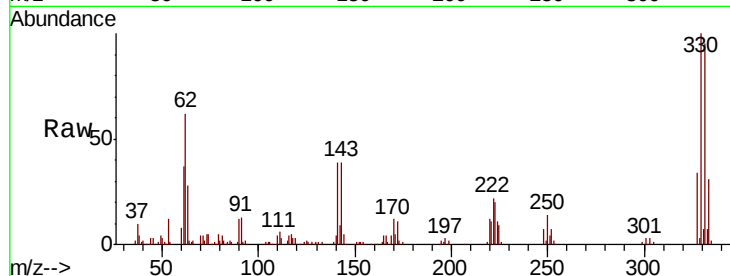




#41
 2,4,6-Tribromophenol
 Concen: 124.030 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037210.D
 Acq: 6 Oct 2018 13:18

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-100318-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.4	113.2
141	39.8	30.7	46.1

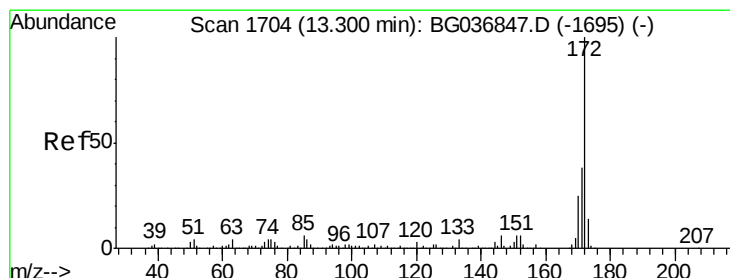
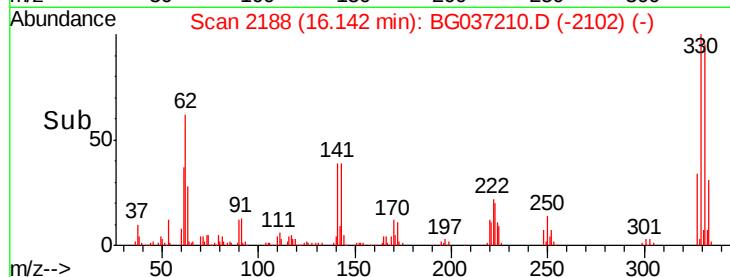
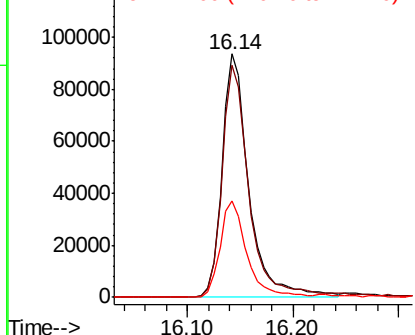


Abundance

Ion 329.80 (329.50 to 330.50): E

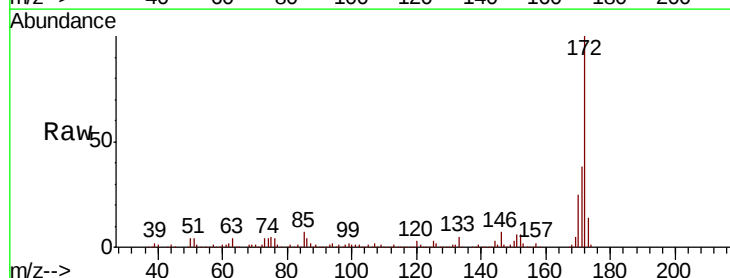
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.886 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037210.D
 Acq: 6 Oct 2018 13:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	24.8	21.0	31.6

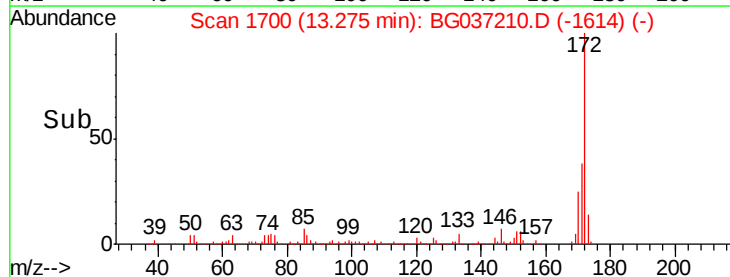
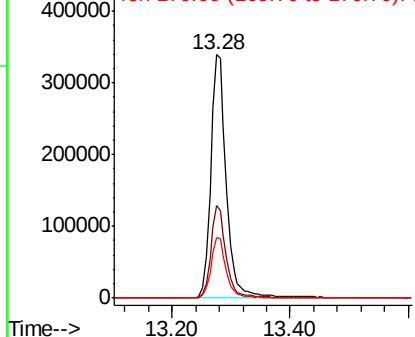


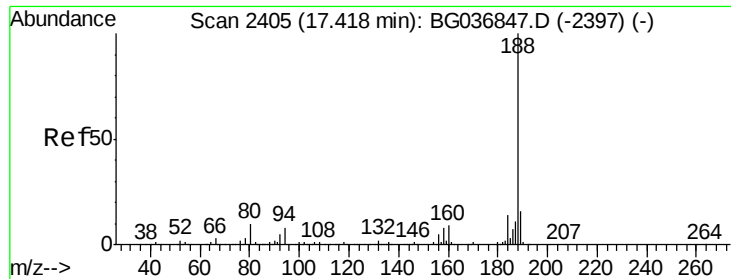
Abundance

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

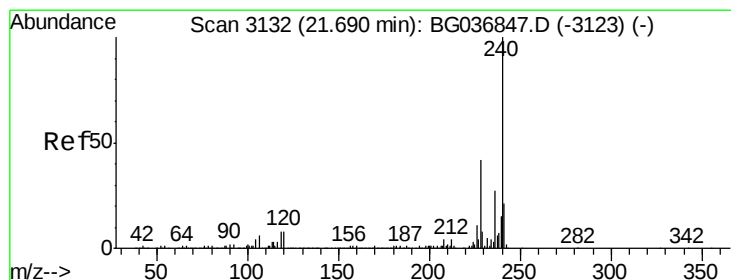
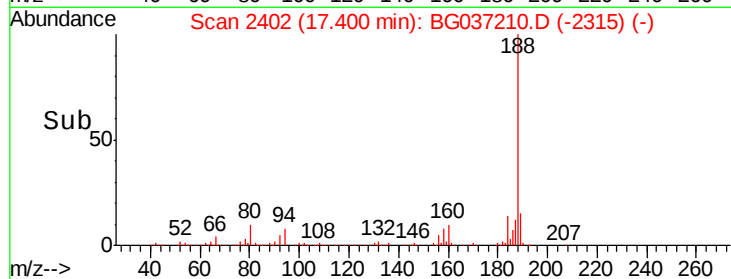
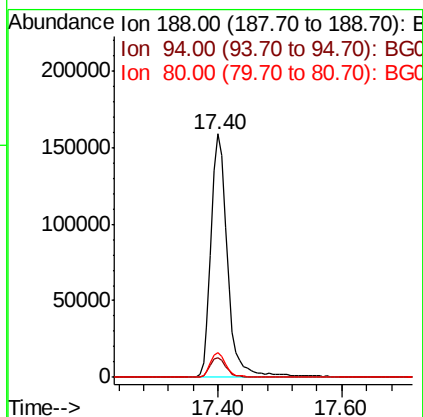
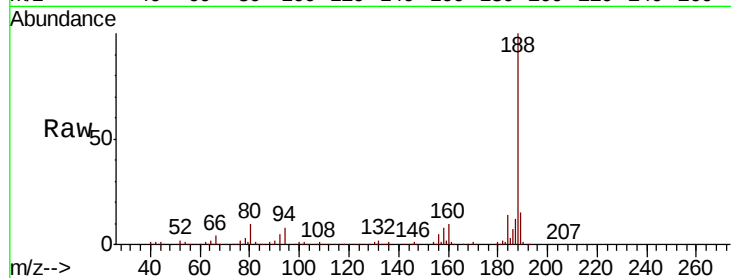




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

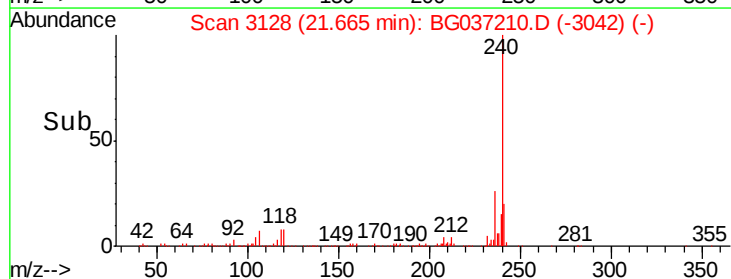
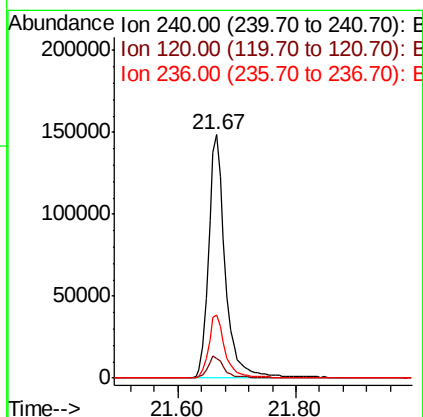
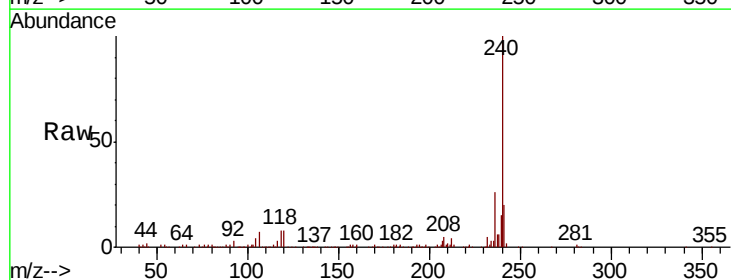
Instrument :
BNA_G
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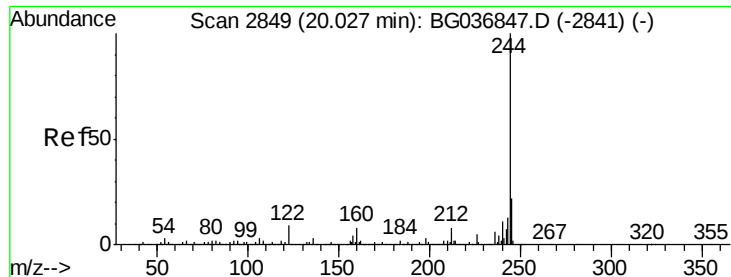
Tot Ion:188 Resp: 291826
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 10.3 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037210.D
Acq: 6 Oct 2018 13:18

Tgt Ion:240 Resp: 293723
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 26.2 21.2 31.8





#78

Terphenyl-d14

Concen: 97.616 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037210.D

Acq: 6 Oct 2018 13:18

Instrument :

BNA_G

ClientSampleId :

SU-04-100318-B

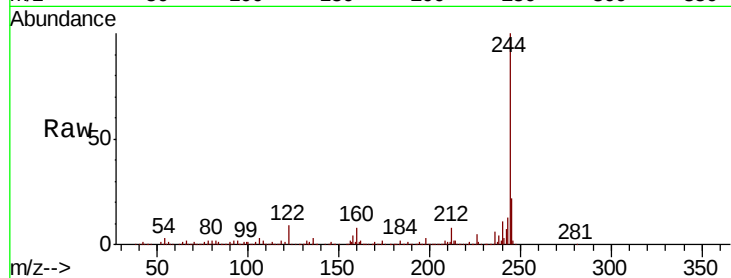
Tot Ion:244 Resp: 1090399

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

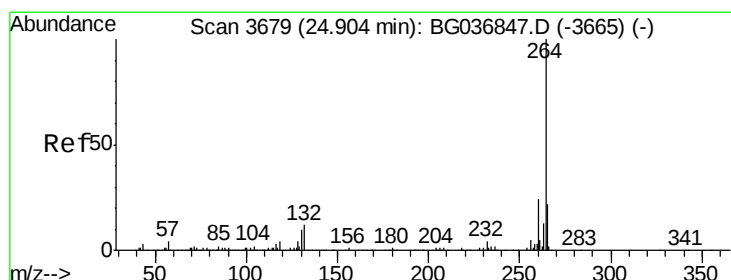
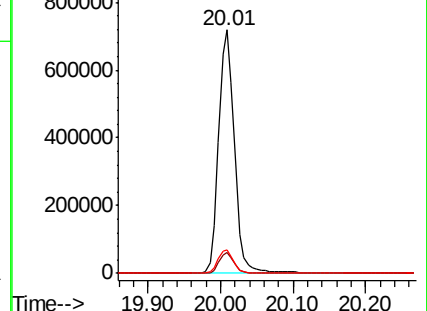
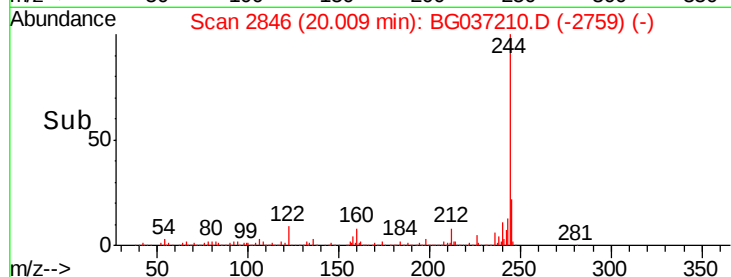
122 9.4 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.04 min

Lab File: BG037210.D

Acq: 6 Oct 2018 13:18

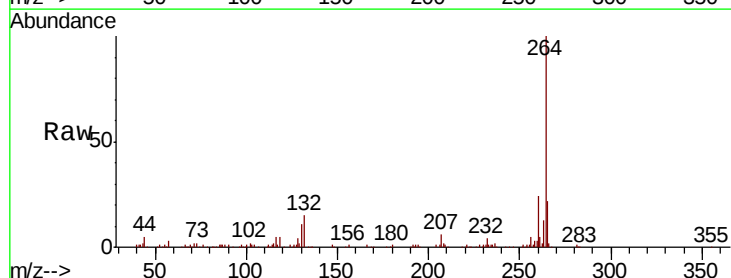
Tgt Ion:264 Resp: 282501

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 21.9 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

