

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037215.D
 Acq On : 6 Oct 2018 16:34
 Operator : JU/SJ
 Sample : J5264-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100318-DBRI-E-U-S

Quant Time: Oct 08 05:16:34 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	42149	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	177496	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	112591	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	262348	20.00	ng	-0.02
75) Chrysene-d12	21.66	240	271945	20.00	ng	-0.03
86) Perylene-d12	24.86	264	255860	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	96169	43.76	ng	-0.01
7) Phenol-d6	7.20	99	82849	24.36	ng	-0.02
23) Nitrobenzene-d5	9.19	82	347096	104.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	125123	92.88	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	754143	99.76	ng	-0.02
78) Terphenyl-d14	20.00	244	1114684	107.78	ng	-0.02

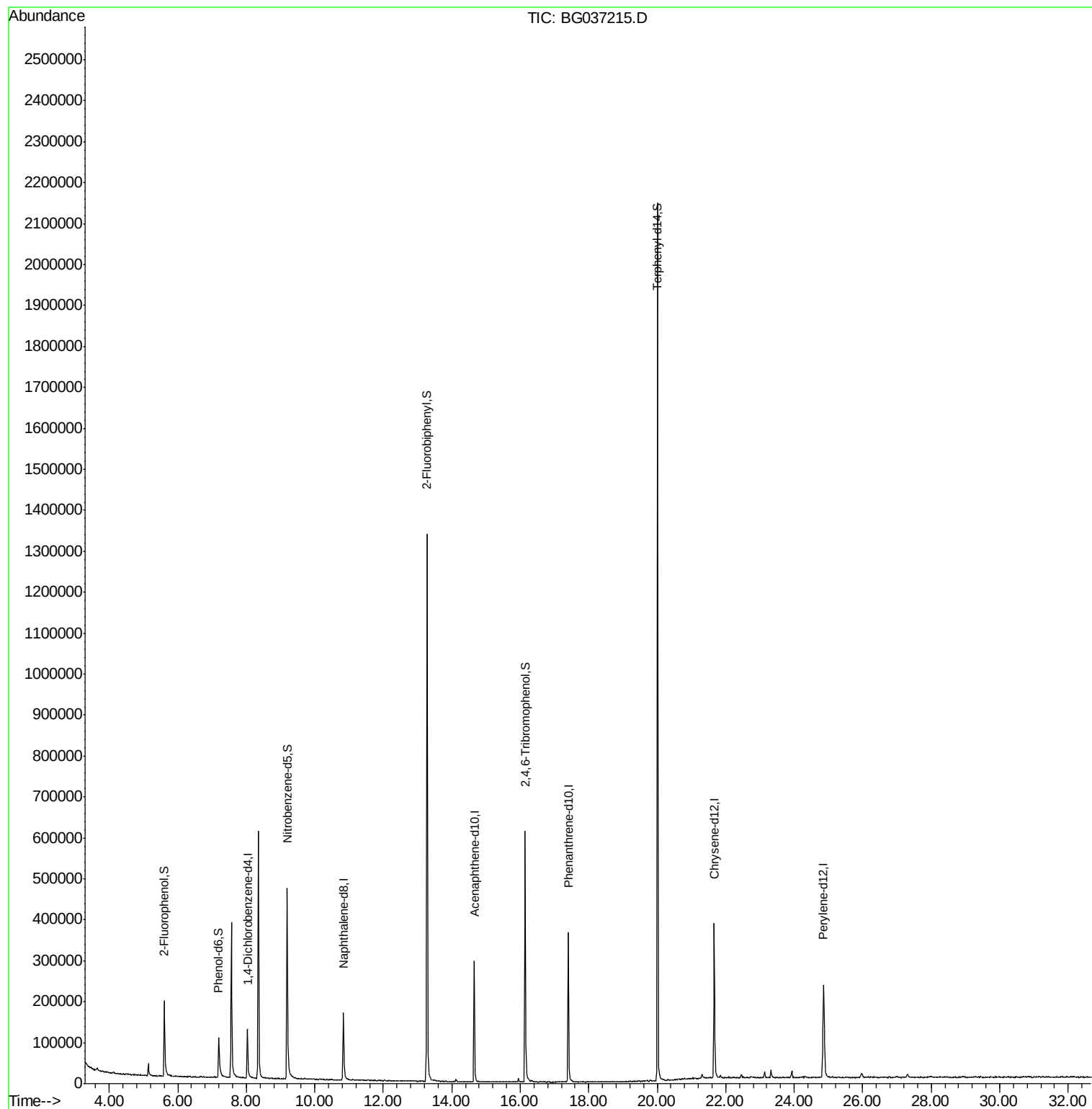
Target Compounds Qvalue

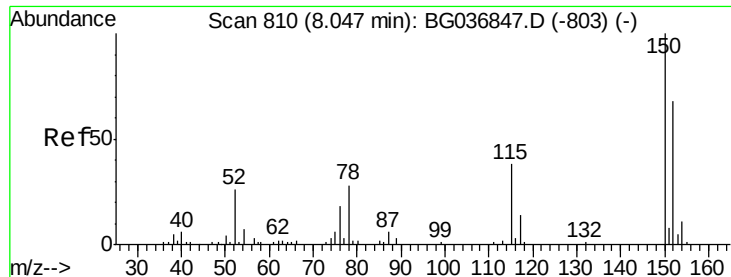
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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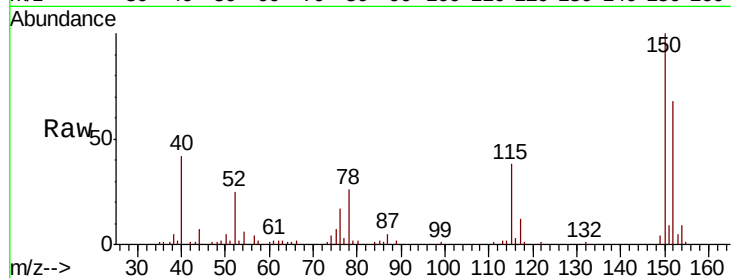


#1

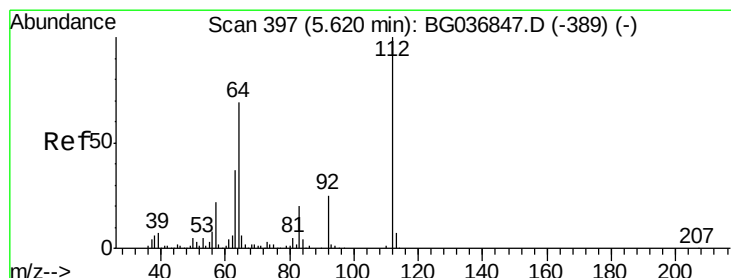
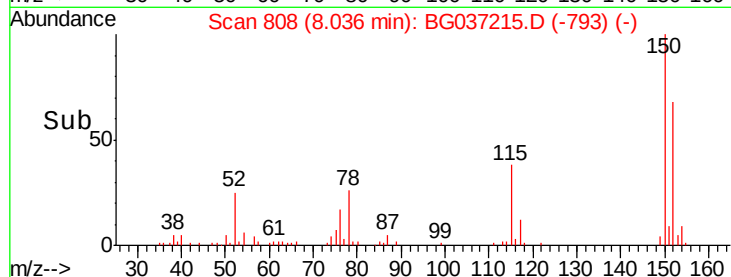
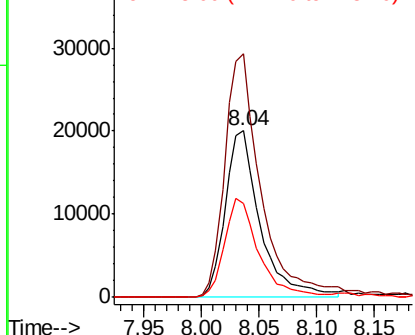
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037215.D
Acq: 6 Oct 2018 16:34

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-S

Tot Ion:152 Resp: 42149
Ion Ratio Lower Upper
152 100
150 146.0 119.5 179.3
115 56.1 44.5 66.7



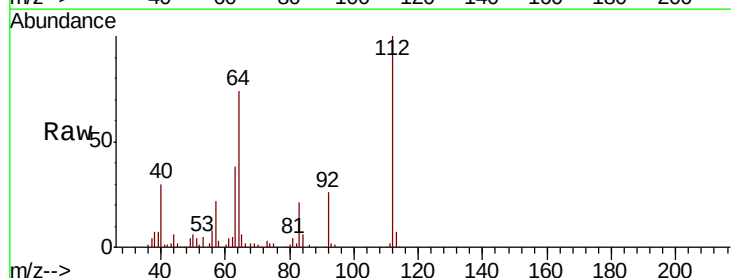
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



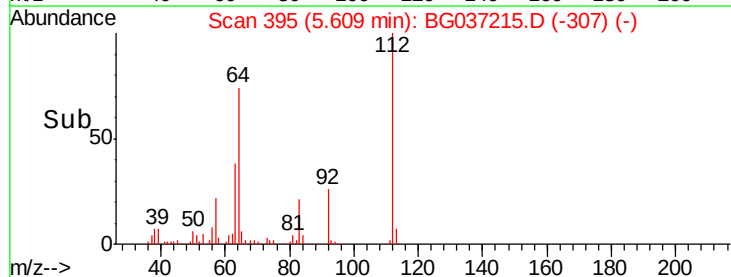
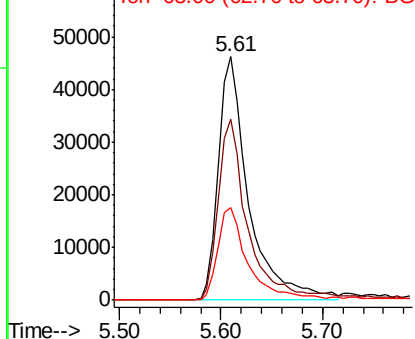
#5

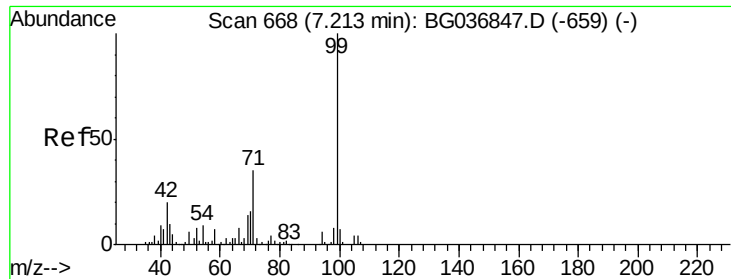
2-Fluorophenol
Concen: 43.757 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037215.D
Acq: 6 Oct 2018 16:34

Tgt Ion:112 Resp: 96169
Ion Ratio Lower Upper
112 100
64 74.1 57.2 85.8
63 37.8 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: 24.365 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037215.D

Acq: 6 Oct 2018 16:34

Instrument :

BNA_G

ClientSampleId :

100318-DBRI-E-U-S

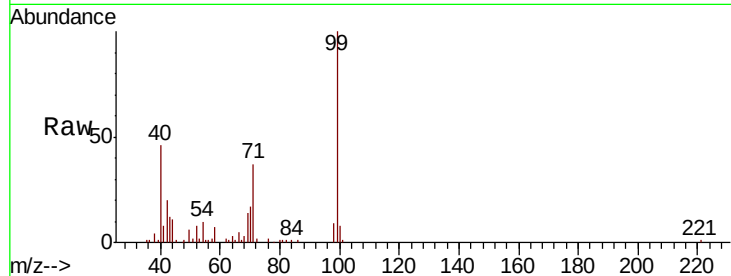
Tot Ion: 99 Resp: 82849

Ion Ratio Lower Upper

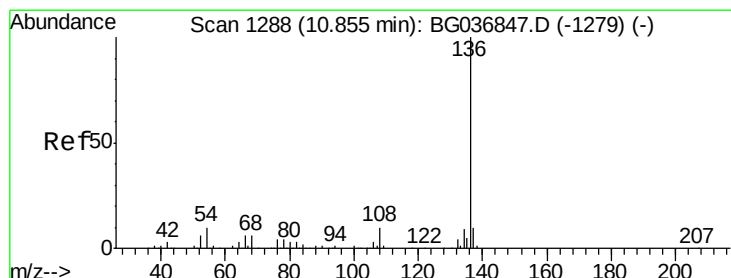
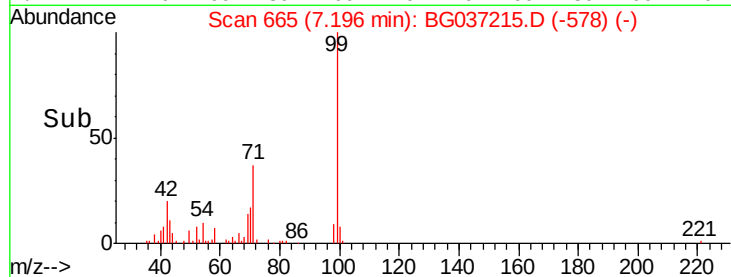
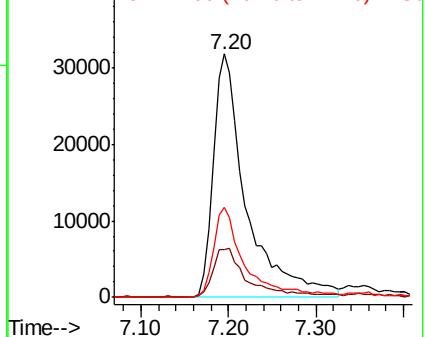
99 100

42 19.8 16.5 24.7

71 36.8 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: 10.83 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BG037215.D

Acq: 6 Oct 2018 16:34

Tgt Ion: 136 Resp: 177496

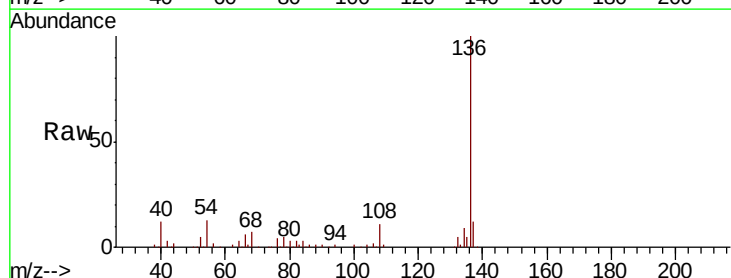
Ion Ratio Lower Upper

136 100

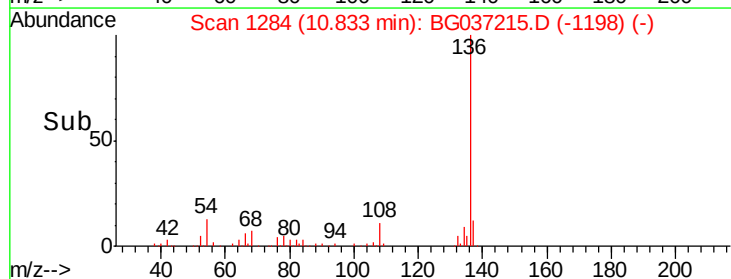
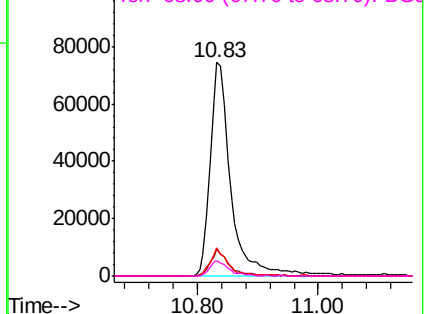
137 12.4 8.8 13.2

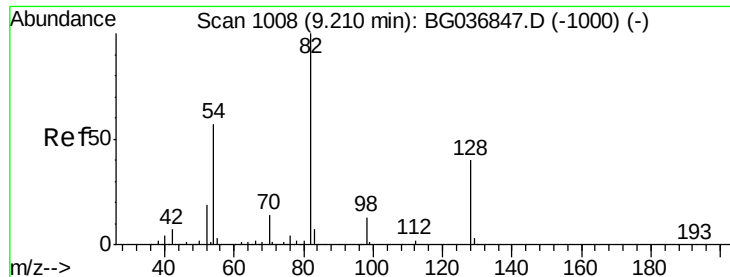
54 12.9 9.2 13.8

68 7.2 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

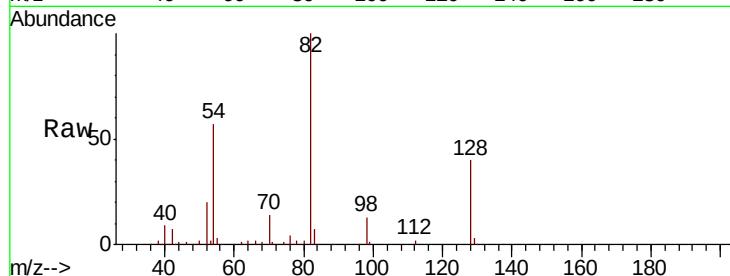




#23
 Nitrobenzene-d5
 Concen: 104.720 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037215.D
 Acq: 6 Oct 2018 16:34

Instrument :
 BNA_G
 ClientSampleId :
 100318-DBRI-E-U-S

Tot Ion	82	Resp	347096
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.3	49.9
54	57.3	45.1	67.7

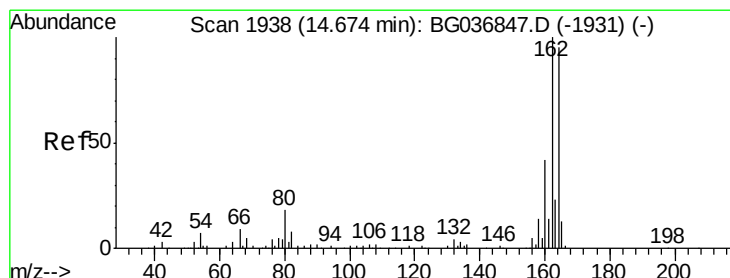
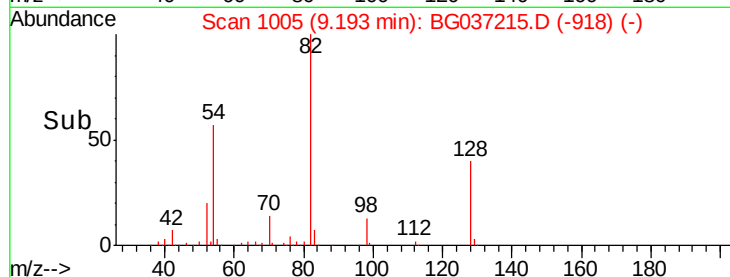
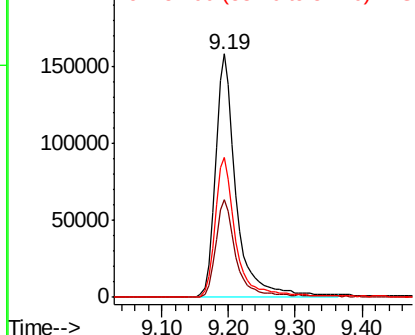


Abundance

Ion 82.00 (81.70 to 82.70): BGC

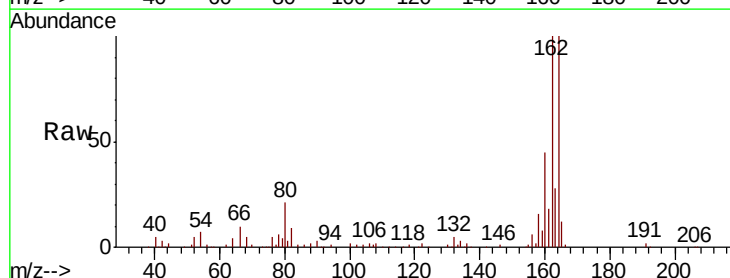
Ion 128.00 (127.70 to 128.70): BGC

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: BG037215.D
 Acq: 6 Oct 2018 16:34

Tgt Ion	164	Resp	112591
Ion Ratio	Lower	Upper	
164	100		
162	99.8	80.7	121.1
160	44.5	35.3	52.9

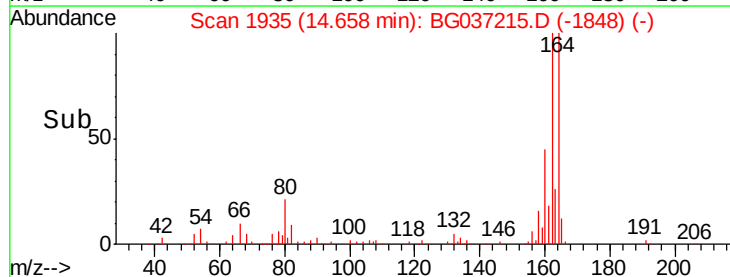
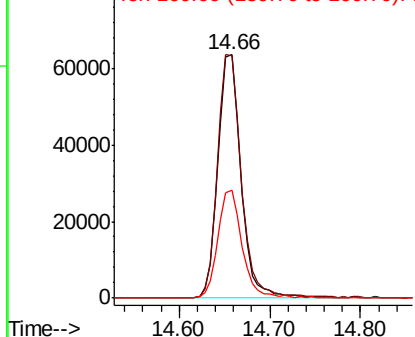


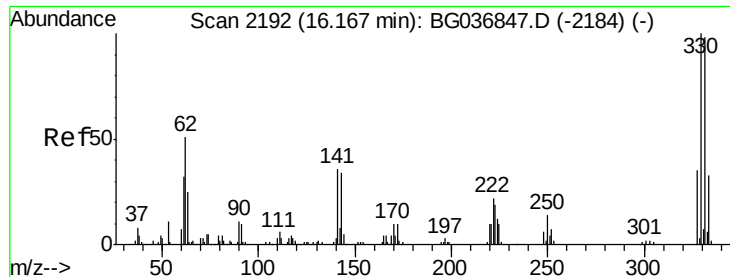
Abundance

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

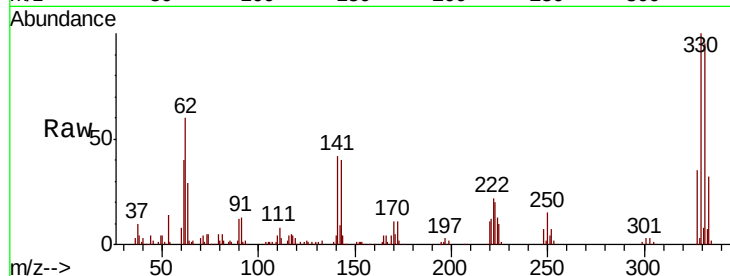




#41
 2,4,6-Tribromophenol
 Concen: 92.884 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037215.D
 Acq: 6 Oct 2018 16:34

Instrument :
 BNA_G
 ClientSampleId :
 100318-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	75.4	113.2
141	40.0	30.7	46.1

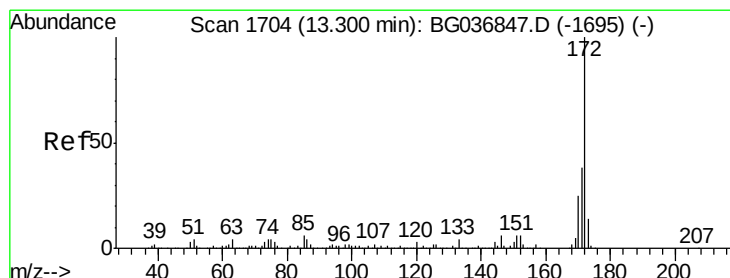
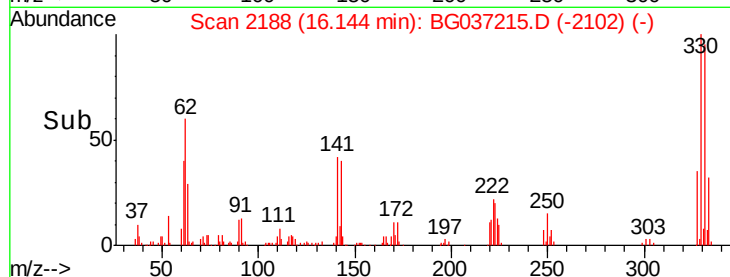
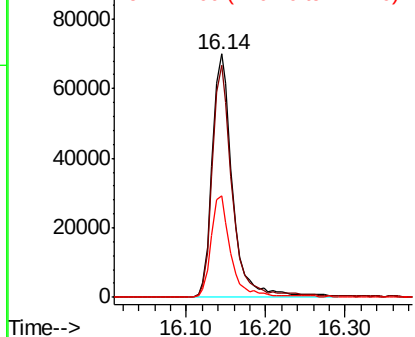


Abundance

Ion 329.80 (329.50 to 330.50): E

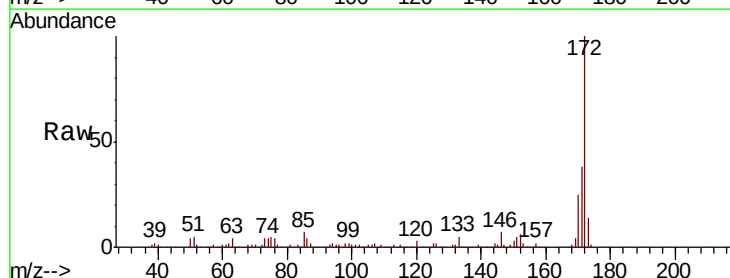
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.760 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037215.D
 Acq: 6 Oct 2018 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	24.6	21.0	31.6

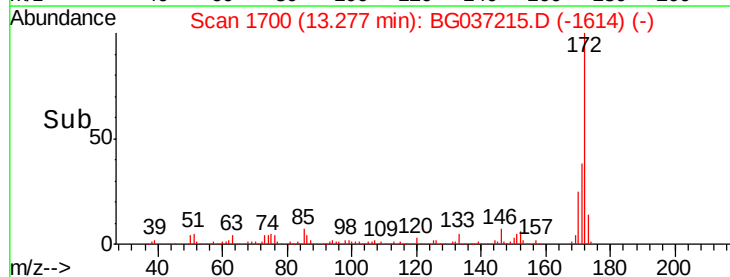
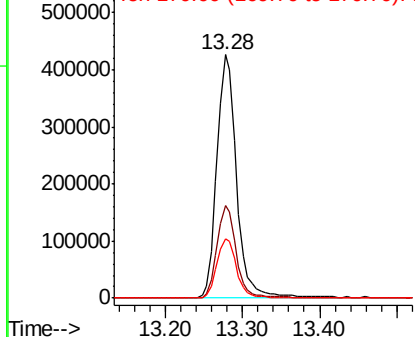


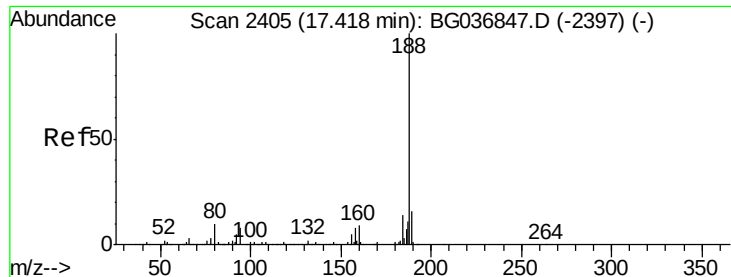
Abundance

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

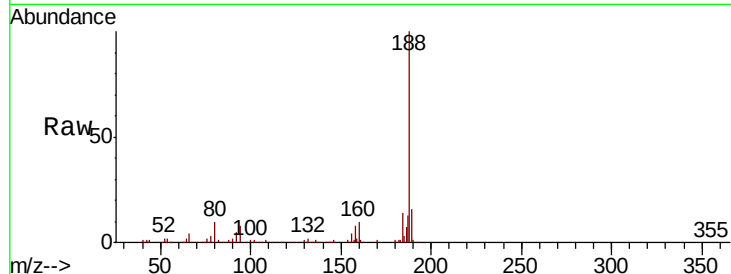




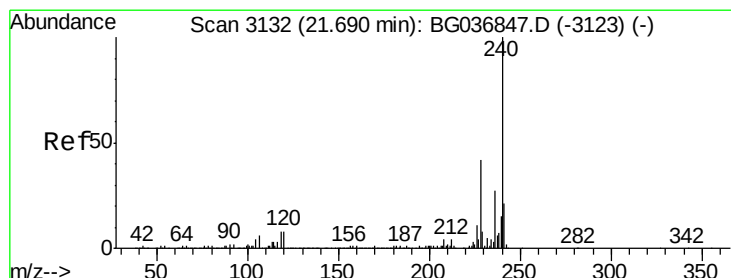
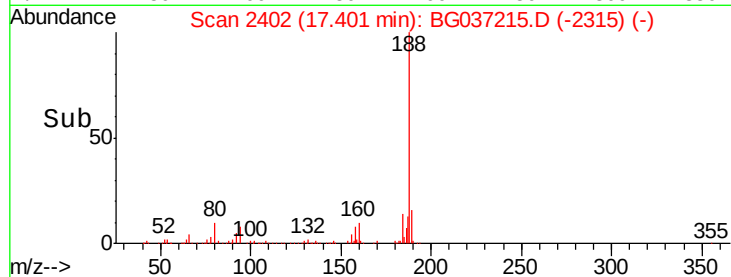
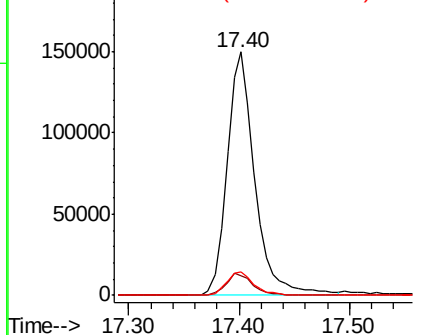
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037215.D
Acq: 6 Oct 2018 16:34

Instrument :
BNA_G
ClientSampleId :
100318-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.6	8.1	12.1

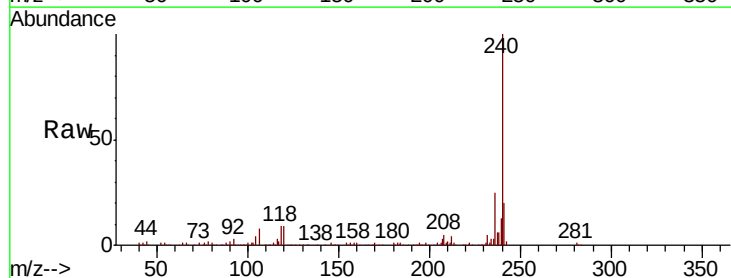


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

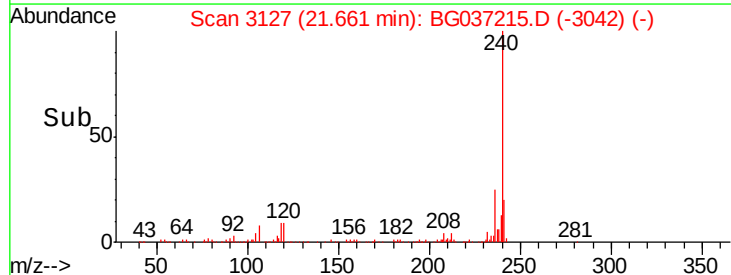
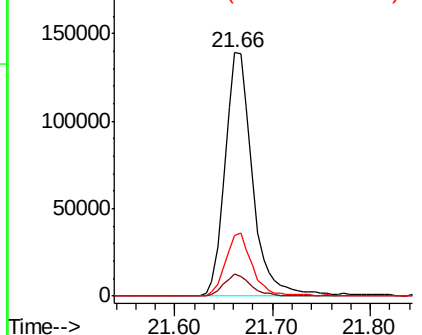


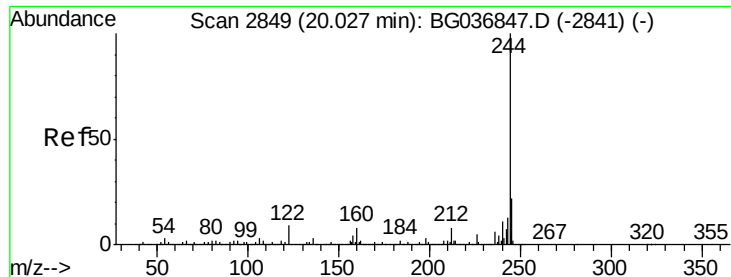
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG037215.D
Acq: 6 Oct 2018 16:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.9	10.3
236	24.7	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: 107.781 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.02 min

Lab File: BG037215.D

Acq: 6 Oct 2018 16:34

Instrument :

BNA_G

ClientSampleId :

100318-DBRI-E-U-S

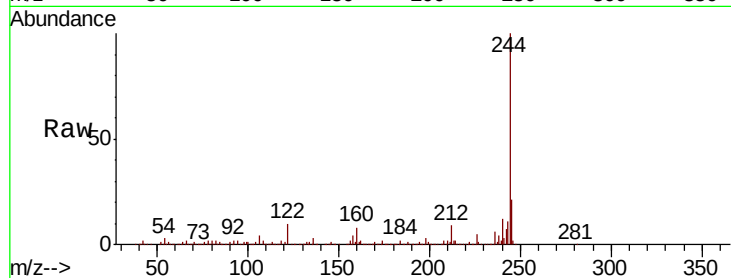
Tot Ion:244 Resp: 1114684

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

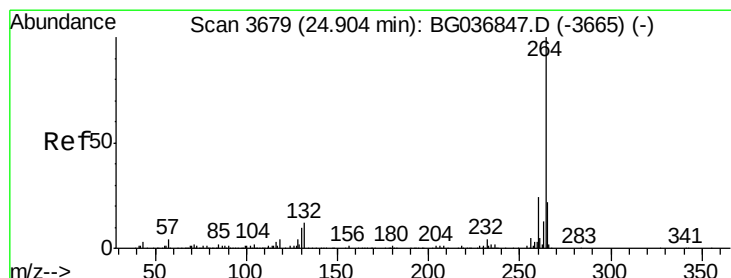
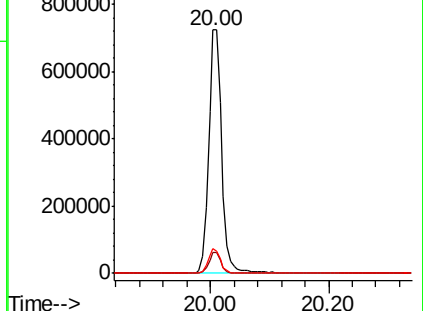
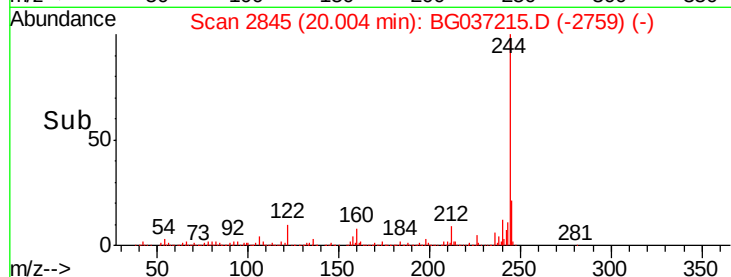
122 10.0 7.1 10.7



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# 3671

Delta R.T. -0.05 min

Lab File: BG037215.D

Acq: 6 Oct 2018 16:34

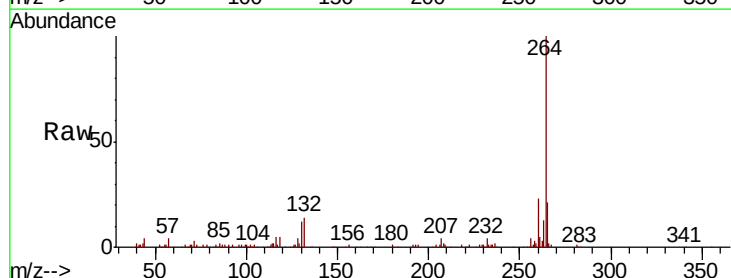
Tgt Ion:264 Resp: 255860

Ion Ratio Lower Upper

264 100

260 22.6 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

