

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031710.D
 Acq On : 22 Dec 2017 14:23
 Operator : SJ/JU
 Sample : I6971-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121517-DBRI-E-U-S

Quant Time: Dec 22 15:08:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	55985	20.00	ng	-0.01
21) Naphthalene-d8	11.71	136	227018	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	160860	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	425376	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	492589	20.00	ng	-0.02
86) Perylene-d12	26.34	264	524874	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	127211	41.39	ng	0.00
7) Phenol-d6	7.92	99	100560	25.20	ng	-0.01
23) Nitrobenzene-d5	10.03	82	293963	97.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	257001	104.71	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	1100356	85.86	ng	-0.01
78) Terphenyl-d14	20.73	244	1880129	87.20	ng	-0.01

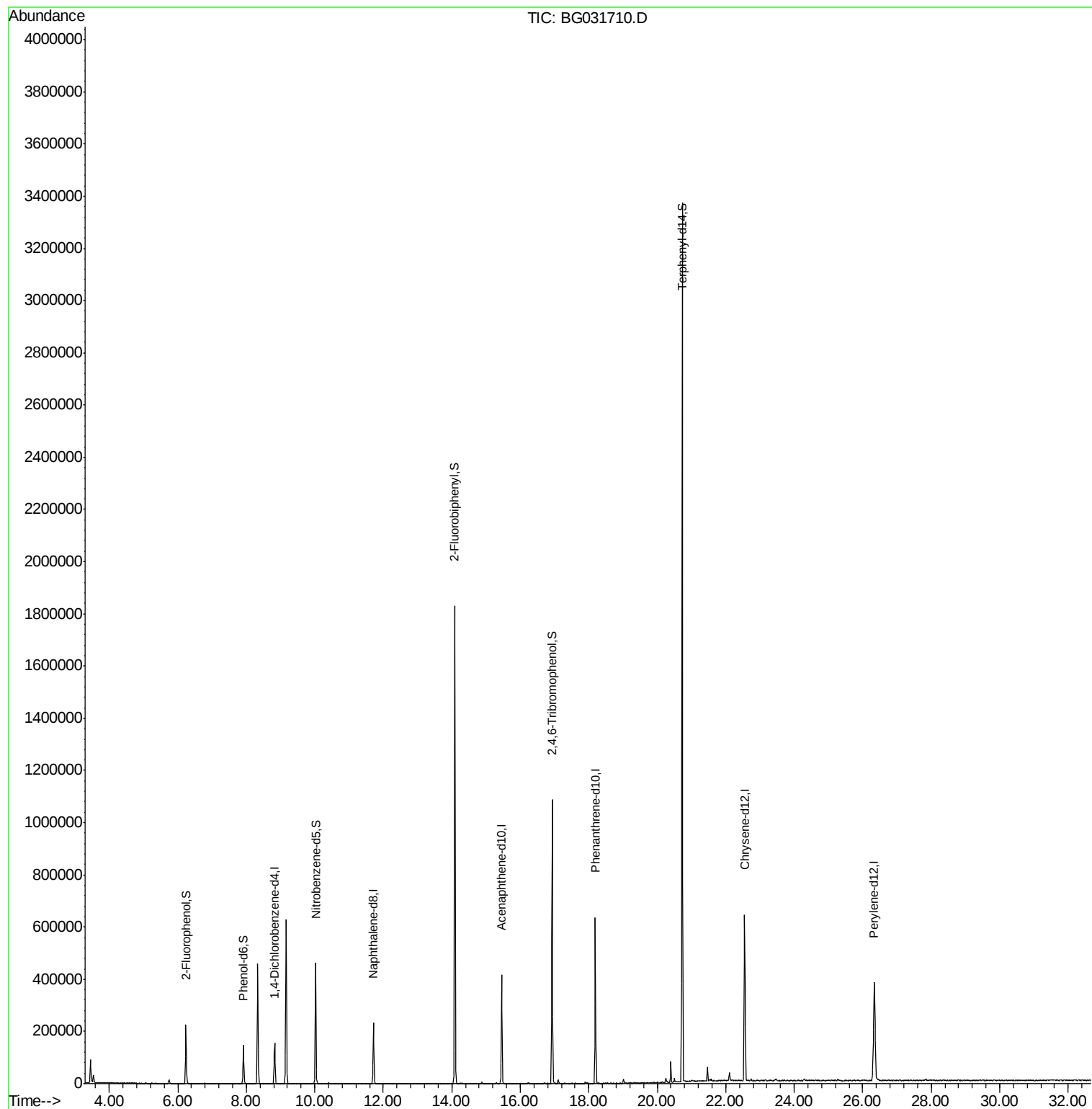
Target Compounds Qvalue

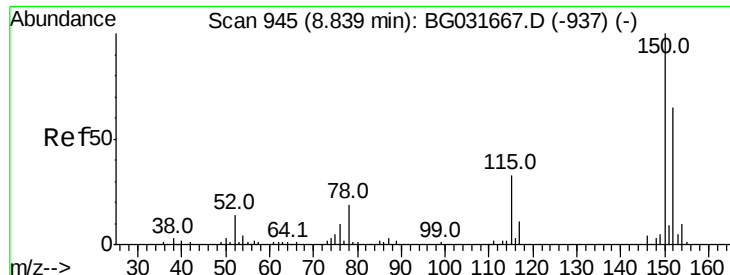
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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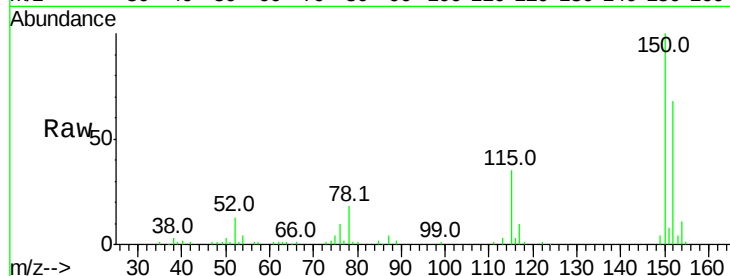


#1

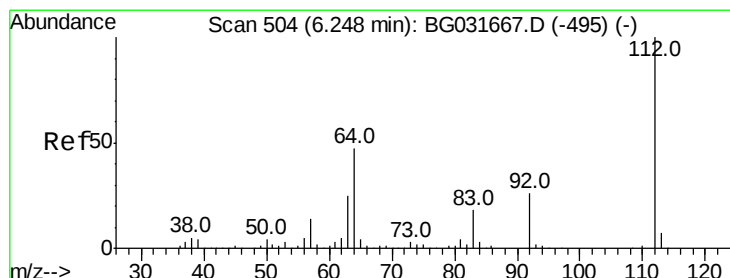
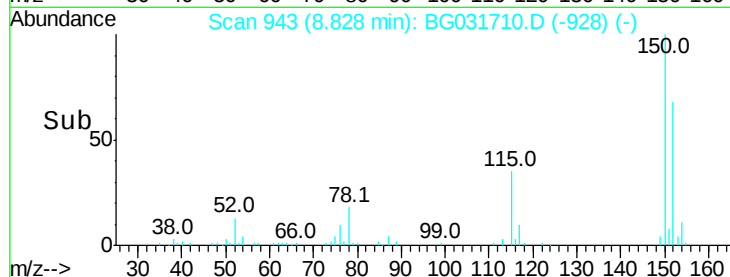
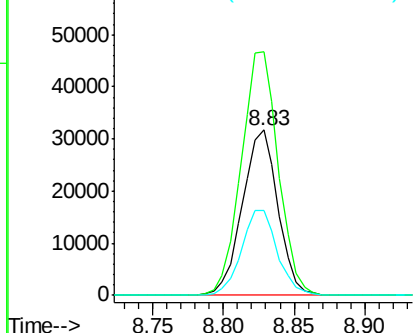
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031710.D
Acq: 22 Dec 2017 14:23

Instrument :
BNA_G
ClientSampleId :
121517-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	126.6	189.8
115	51.4	53.0	79.4#



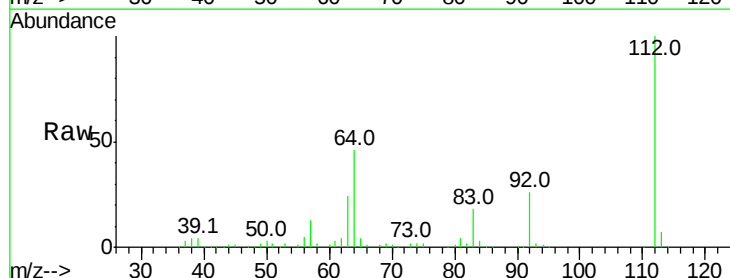
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



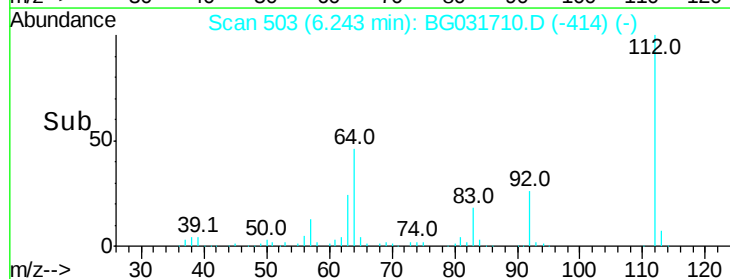
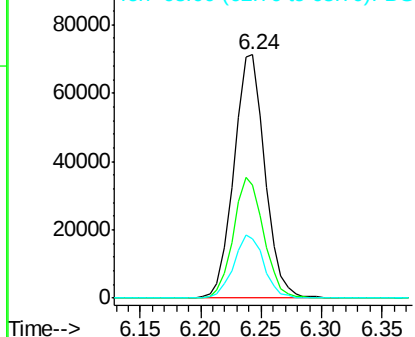
#5

2-Fluorophenol
Concen: 41.386 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031710.D
Acq: 22 Dec 2017 14:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.3	56.3	84.5#
63	24.3	30.1	45.1#



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: 25.198 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031710.D

Acq: 22 Dec 2017 14:23

Instrument :

BNA_G

ClientSampleId :

121517-DBRI-E-U-S

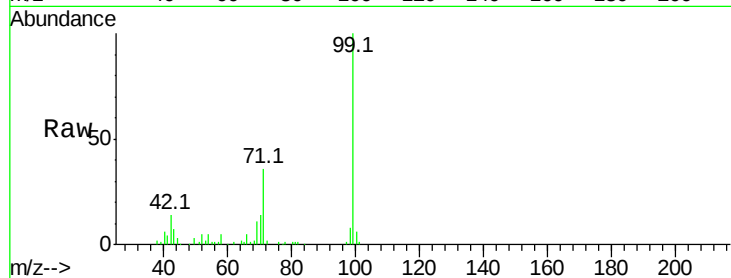
Tot Ion: 99 Resp: 100560

Ion Ratio Lower Upper

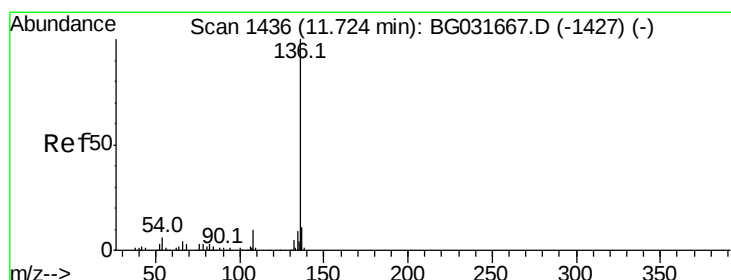
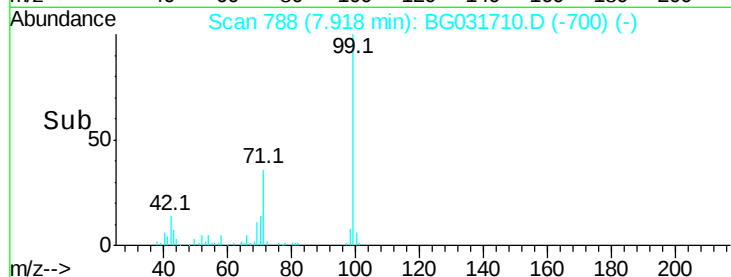
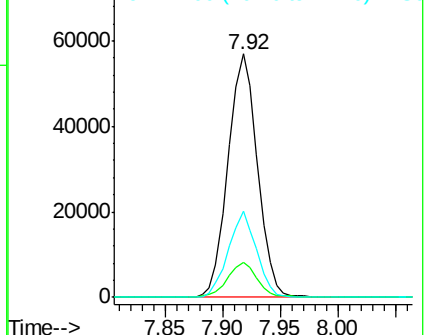
99 100

42 14.2 14.1 21.1

71 35.7 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: 11.71 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031710.D

Acq: 22 Dec 2017 14:23

Tgt Ion: 136 Resp: 227018

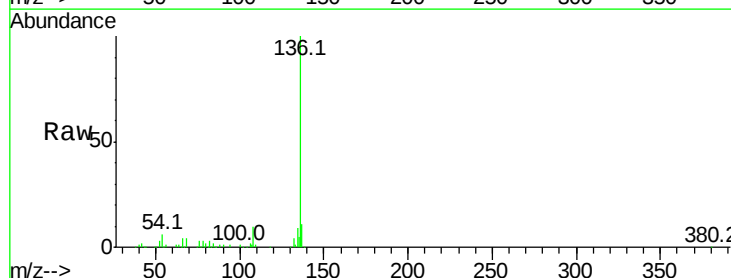
Ion Ratio Lower Upper

136 100

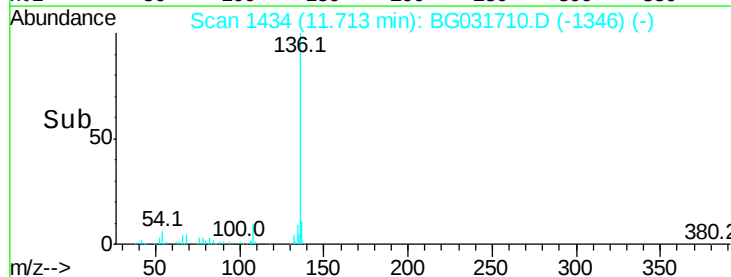
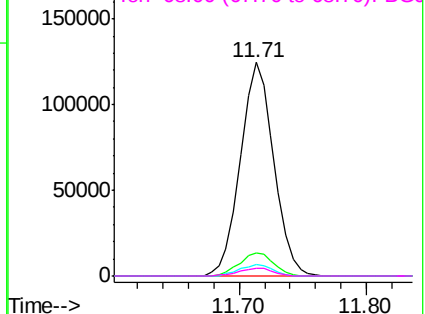
137 10.6 9.2 13.8

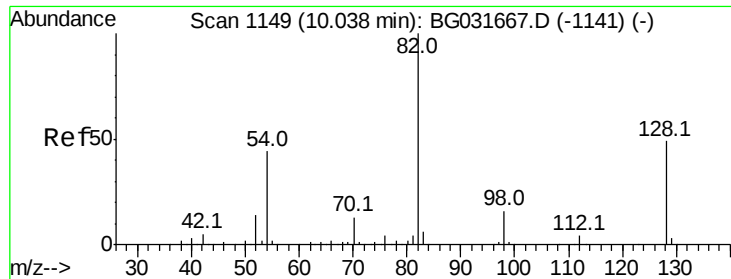
54 5.6 10.3 15.5#

68 3.7 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: 97.780 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG031710.D

Acq: 22 Dec 2017 14:23

Instrument :

BNA_G

ClientSampleId :

121517-DBRI-E-U-S

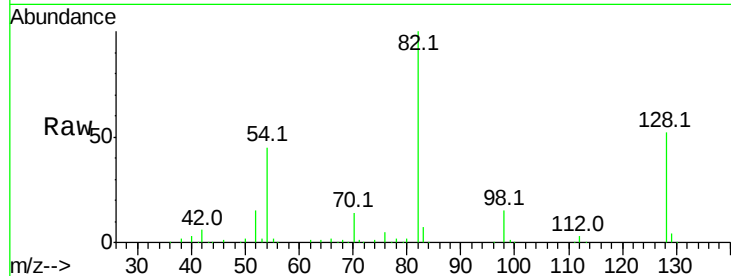
Tot Ion: 82 Resp: 293963

Ion Ratio Lower Upper

82 100

128 52.4 29.7 44.5#

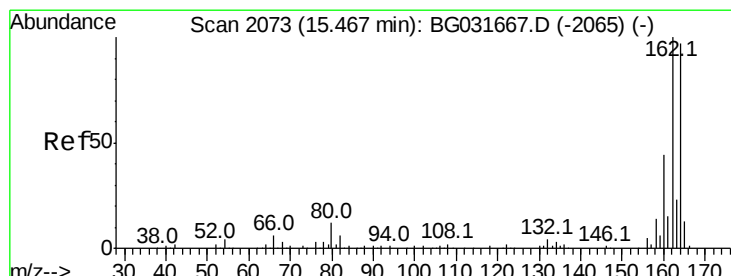
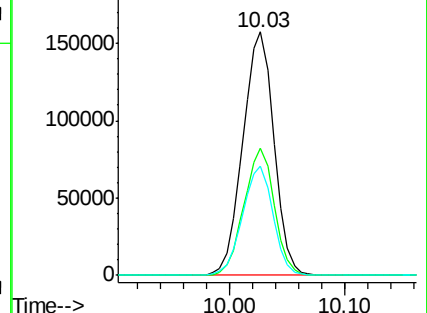
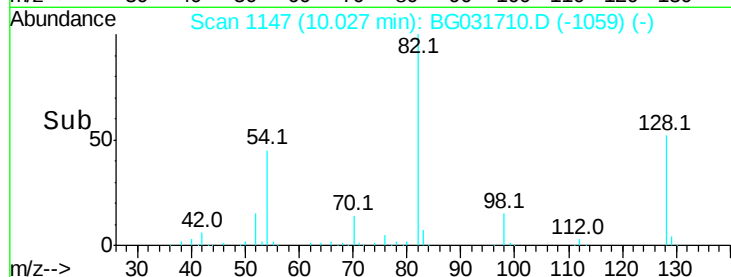
54 44.7 43.1 64.7



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: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031710.D

Acq: 22 Dec 2017 14:23

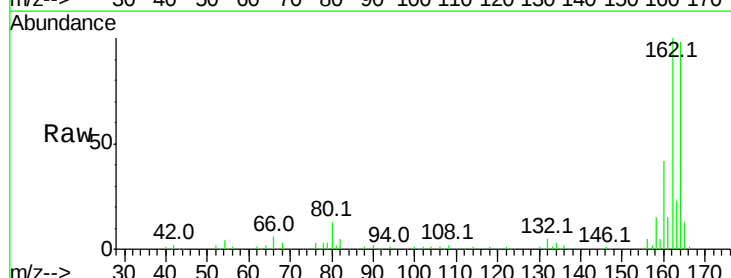
Tgt Ion:164 Resp: 160860

Ion Ratio Lower Upper

164 100

162 102.4 78.8 118.2

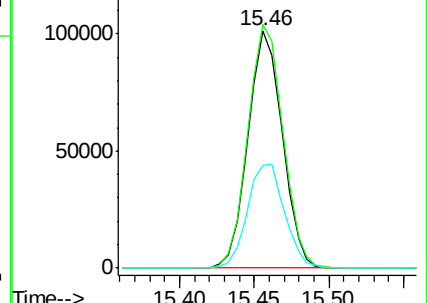
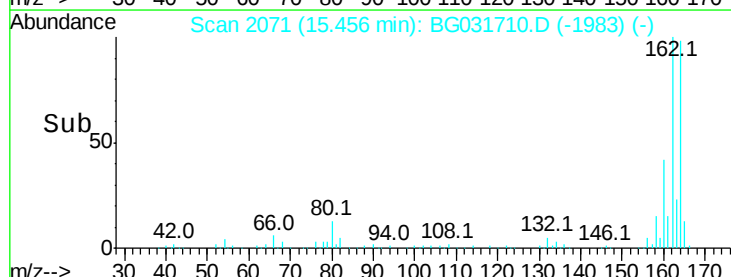
160 43.1 35.4 53.0

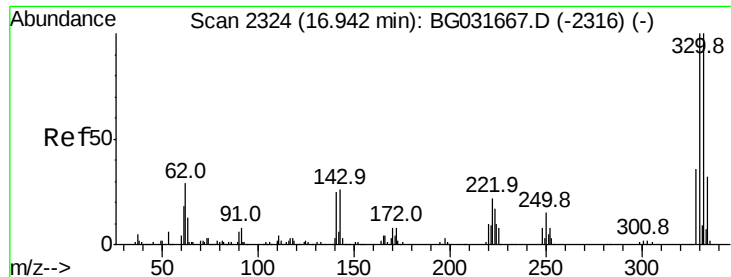


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

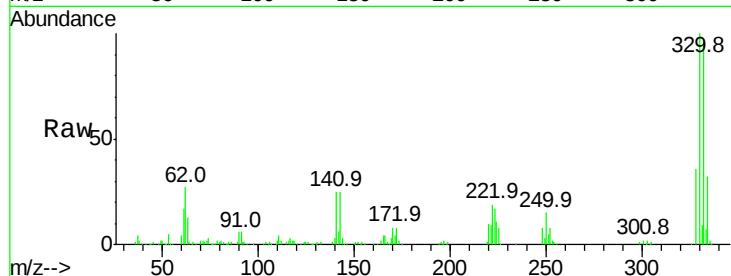




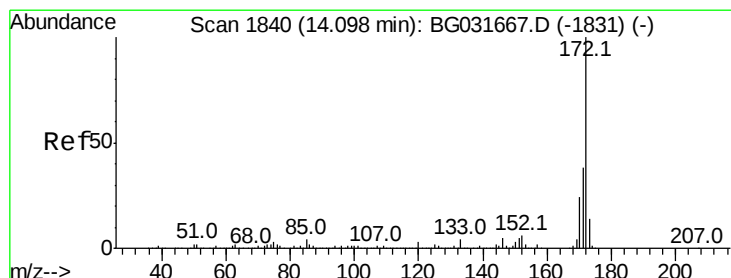
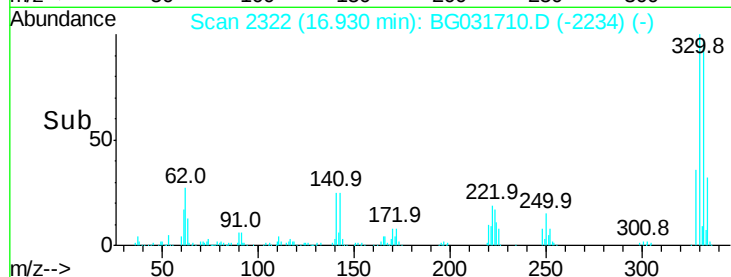
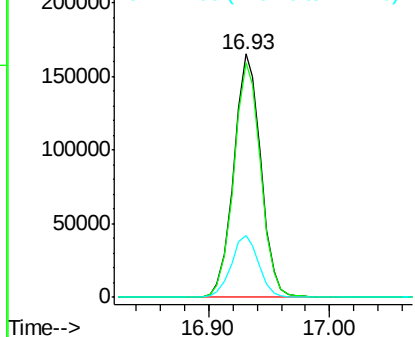
#41
 2,4,6-Tribromophenol
 Concen: 104.706 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031710.D
 Acq: 22 Dec 2017 14:23

Instrument :
 BNA_G
 ClientSampleId :
 121517-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	25.6	25.2	37.8

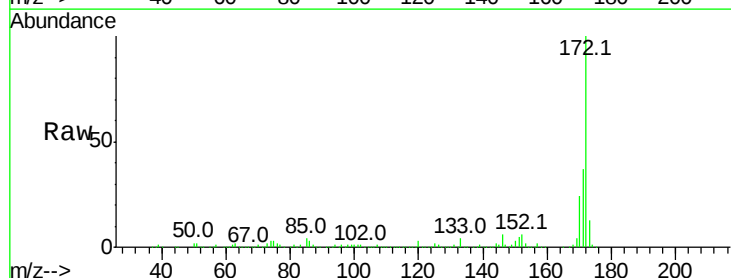


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

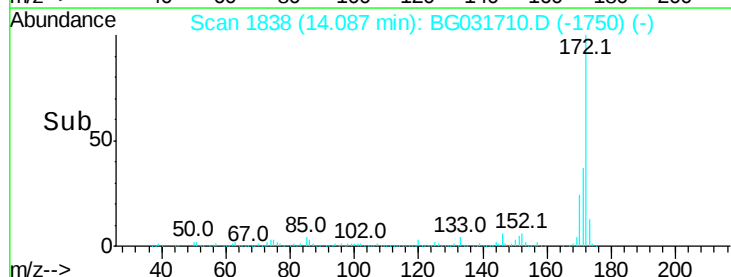
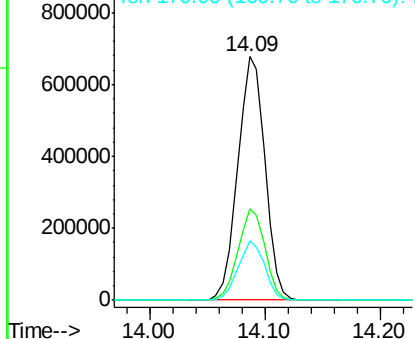


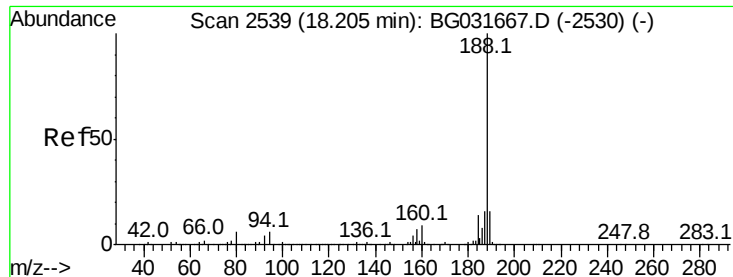
#44
 2-Fluorobiphenyl
 Concen: 85.857 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031710.D
 Acq: 22 Dec 2017 14:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.3	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

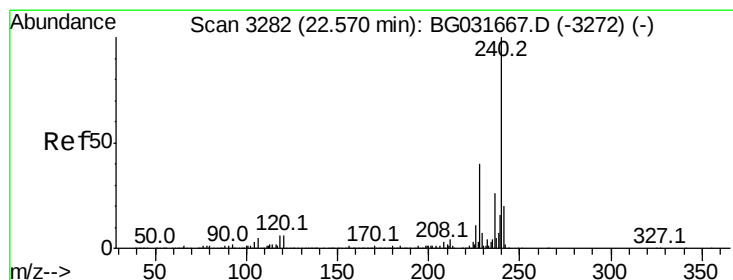
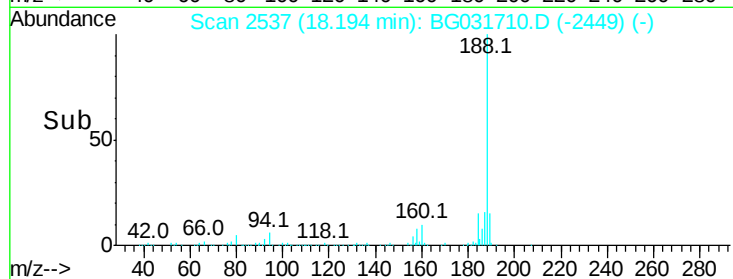
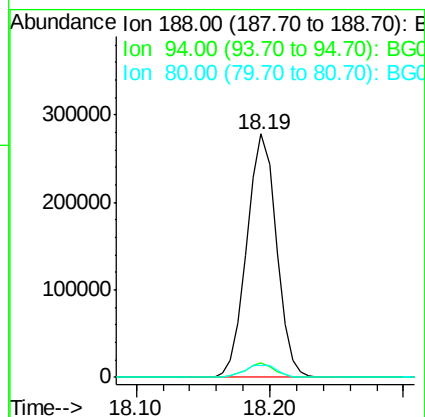
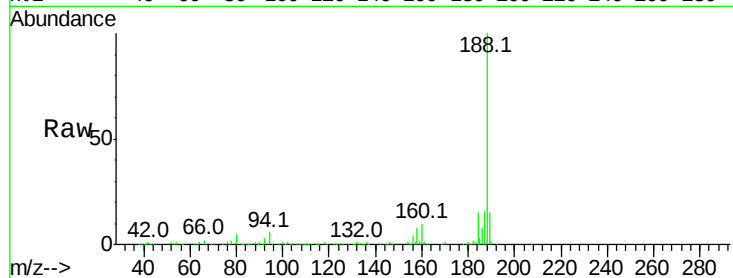




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031710.D
Acq: 22 Dec 2017 14:23

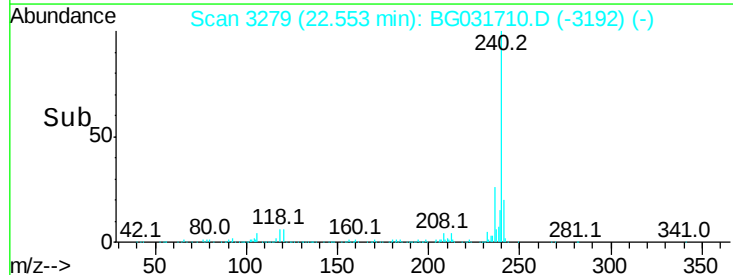
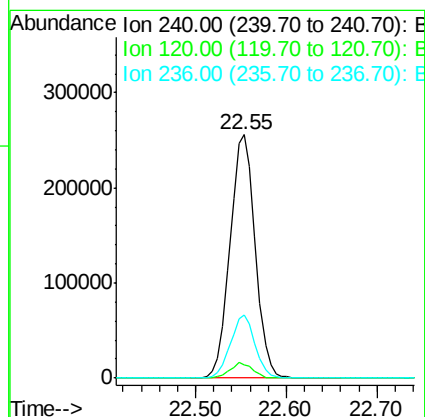
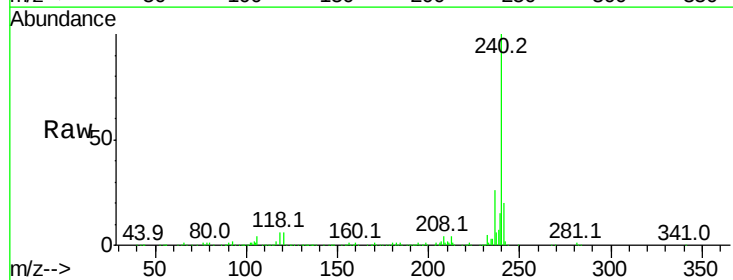
Instrument :
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121517-DBRI-E-U-S

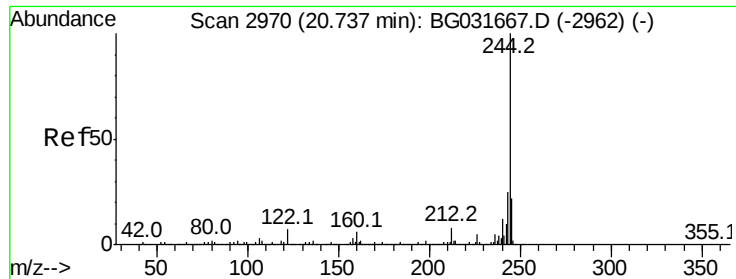
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	5.0	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031710.D
Acq: 22 Dec 2017 14:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	26.1	20.9	31.3





#78

Terphenyl-d14

Concen: 87.201 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031710.D

Acq: 22 Dec 2017 14:23

Instrument :

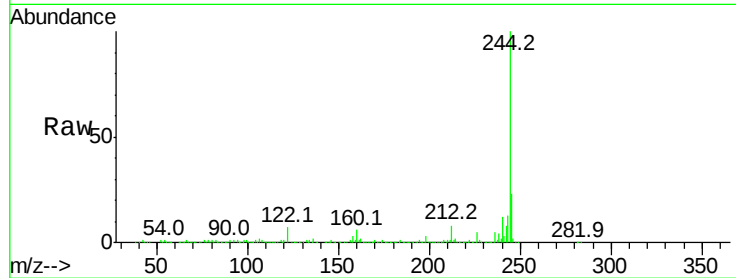
BNA_G

ClientSampleId :

121517-DBRI-E-U-S

Tot Ion:244 Resp: 1880129

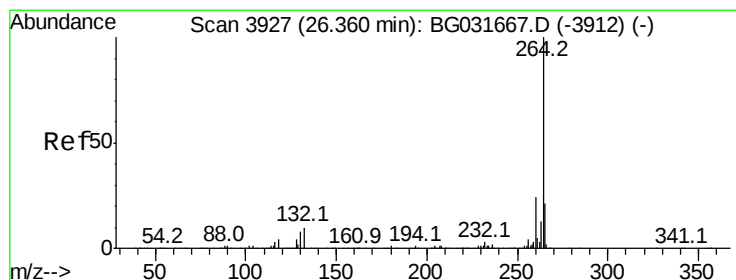
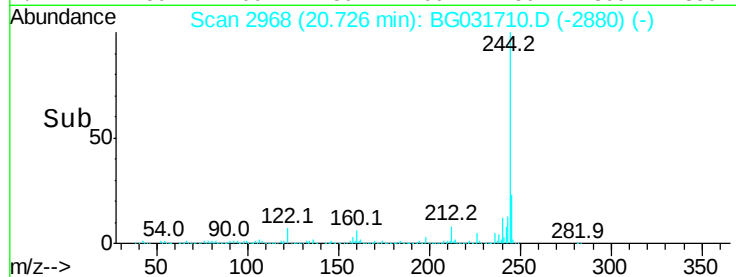
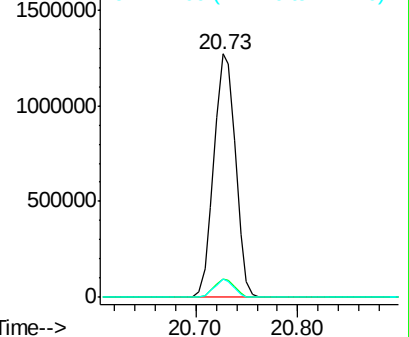
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	7.3	7.0	10.4



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: 26.34 min Scan# 3923

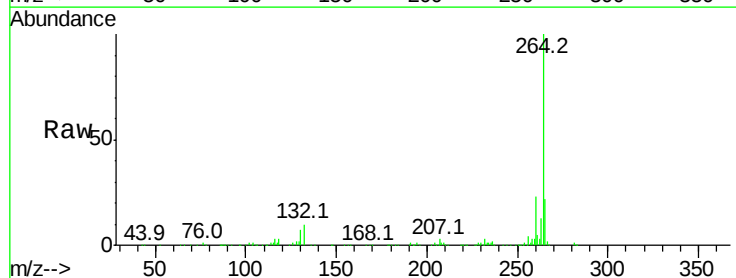
Delta R.T. -0.02 min

Lab File: BG031710.D

Acq: 22 Dec 2017 14:23

Tgt Ion:264 Resp: 524874

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.8	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

