

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033173.D
 Acq On : 15 Mar 2018 9:31
 Operator : SJ/JU
 Sample : J1911-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5B-COMP

Quant Time: Mar 15 10:55:04 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	35351	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	164066	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	99819	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	245426	20.00	ng	0.00
75) Chrysene-d12	22.60	240	243646	20.00	ng	0.00
86) Perylene-d12	26.40	264	259367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	324201	146.72	ng	0.00
7) Phenol-d6	8.00	99	401551	130.38	ng	0.00
23) Nitrobenzene-d5	10.10	82	299609	121.86	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	240975	229.60	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	690147	99.72	ng	0.00
78) Terphenyl-d14	20.77	244	1244701	114.78	ng	0.00

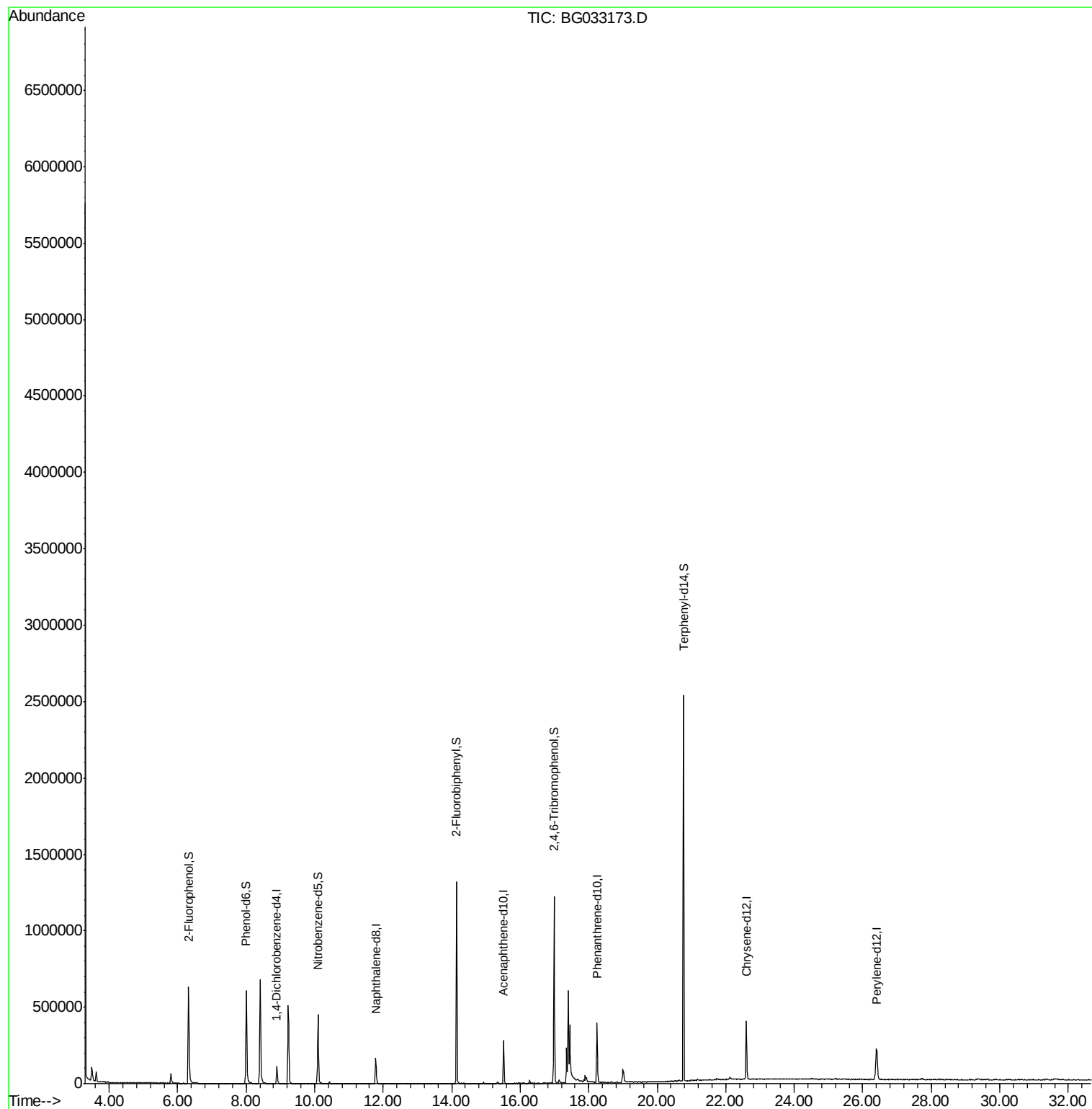
Target Compounds Qvalue

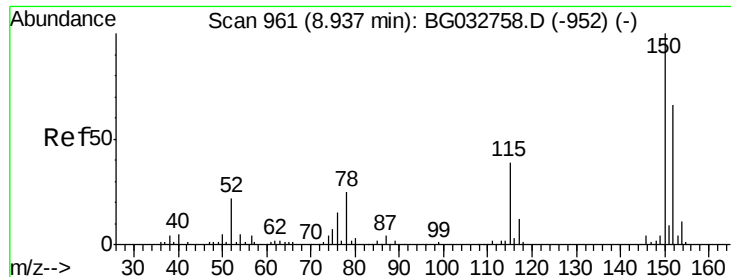
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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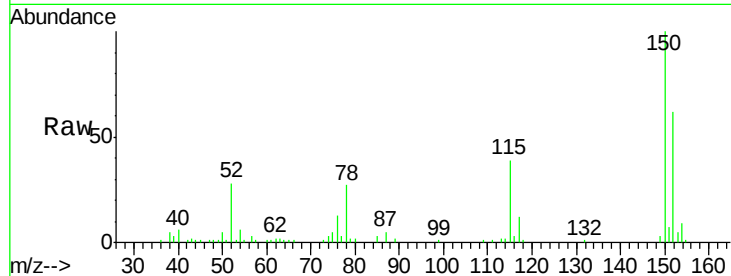


#1

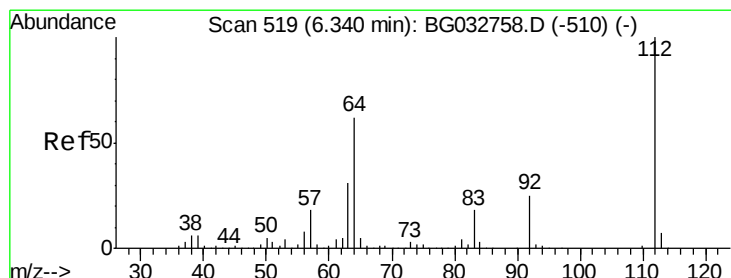
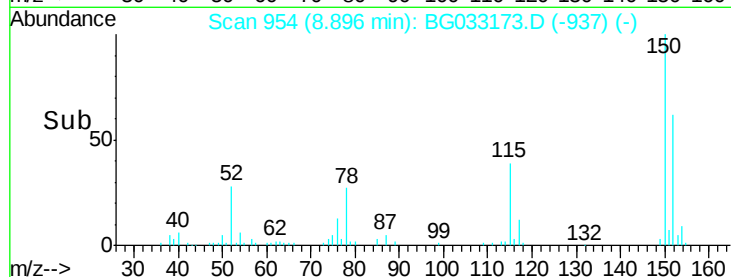
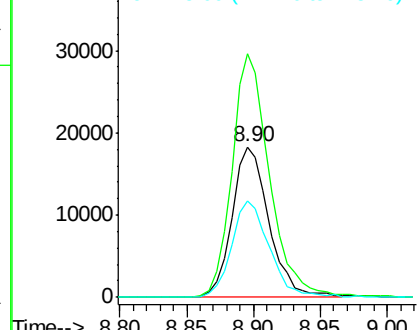
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

Instrument :
BNA_G
ClientSampleId :
TP-5B-COMP

Tot Ion:152 Resp: 35351
Ion Ratio Lower Upper
152 100
150 162.2 126.6 189.8
115 63.9 53.0 79.4



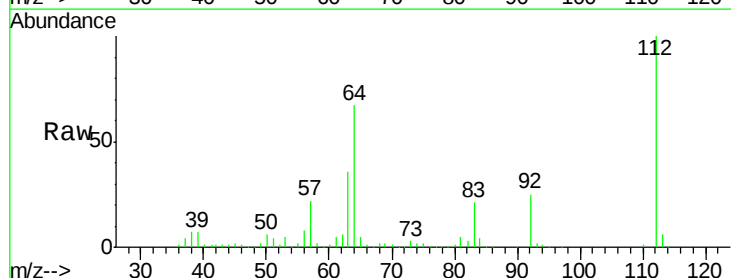
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



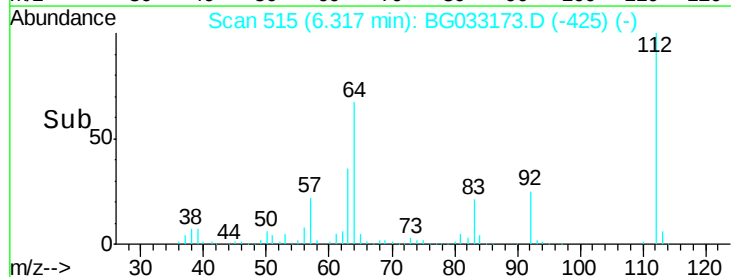
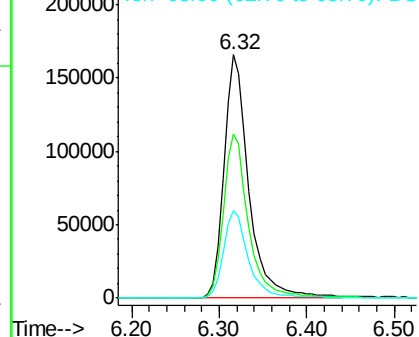
#5

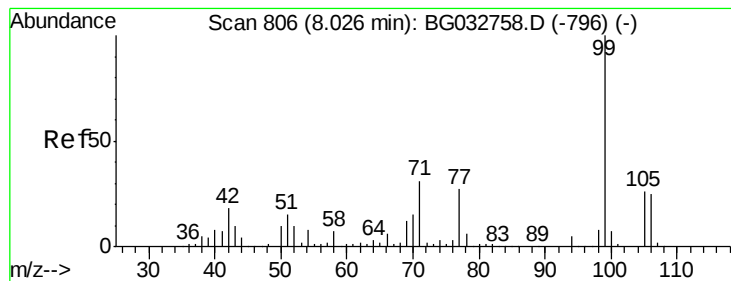
2-Fluorophenol
Concen: 146.721 ng
RT: 6.32 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033173.D
Acq: 15 Mar 2018 9:31

Tgt Ion:112 Resp: 324201
Ion Ratio Lower Upper
112 100
64 67.3 56.3 84.5
63 36.1 30.1 45.1



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: 130.377 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033173.D

Acq: 15 Mar 2018 9:31

Instrument :

BNA_G

ClientSampleId :

TP-5B-COMP

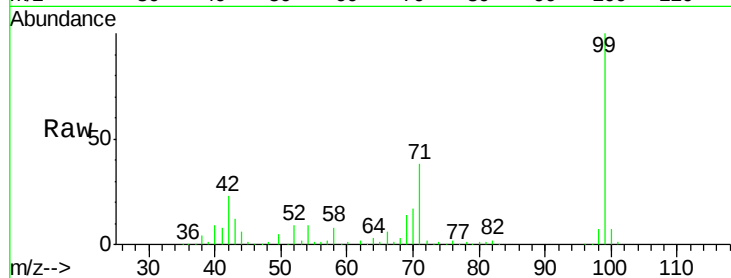
Tot Ion: 99 Resp: 401551

Ion Ratio Lower Upper

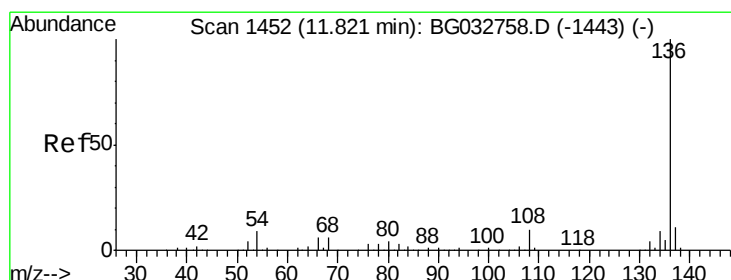
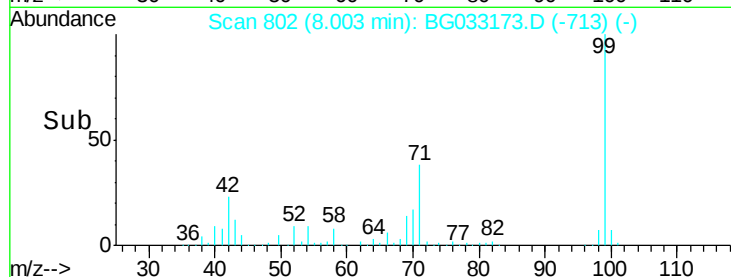
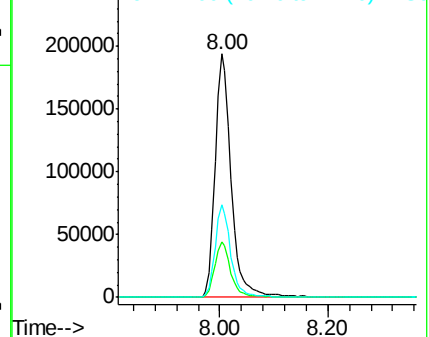
99 100

42 22.6 14.1 21.1#

71 37.8 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: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033173.D

Acq: 15 Mar 2018 9:31

Tgt Ion: 136 Resp: 164066

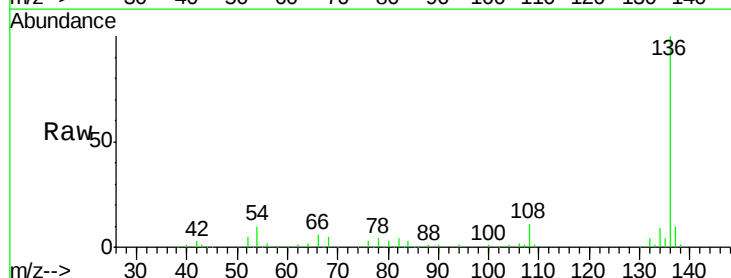
Ion Ratio Lower Upper

136 100

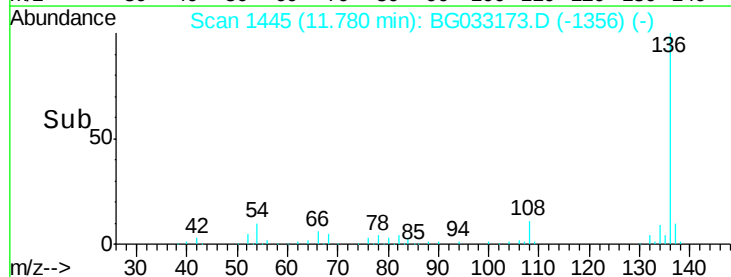
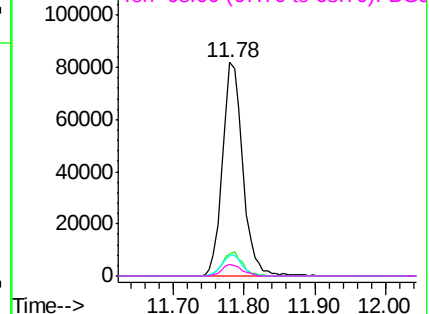
137 10.3 9.2 13.8

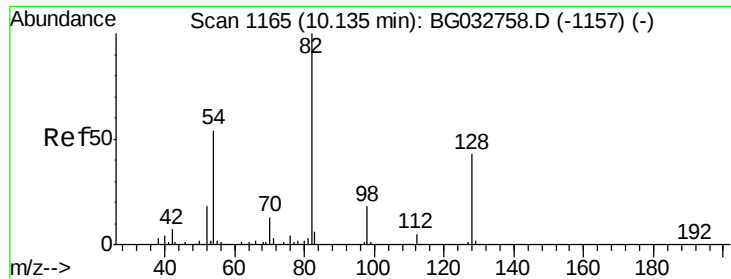
54 9.7 10.3 15.5#

68 5.3 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: 121.860 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033173.D

Acq: 15 Mar 2018 9:31

Instrument :

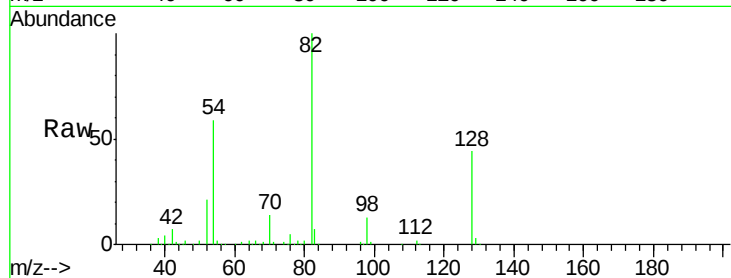
BNA_G

ClientSampleId :

TP-5B-COMP

Tot Ion: 82 Resp: 299609

Ion	Ratio	Lower	Upper
82	100		
128	43.5	29.7	44.5
54	58.6	43.1	64.7

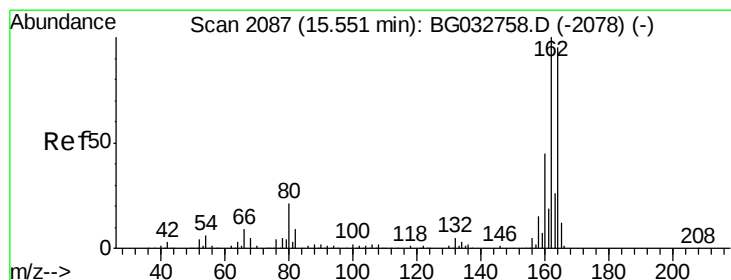
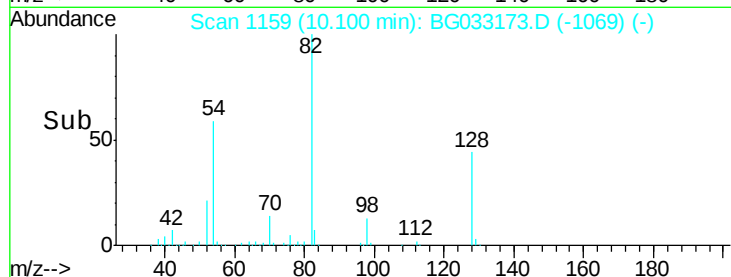
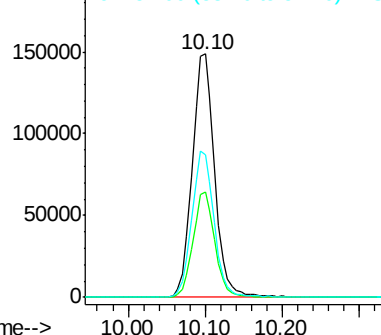


Abundance

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: 15.52 min Scan# 2081

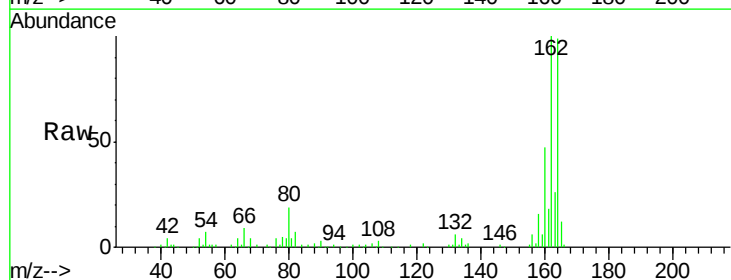
Delta R.T. -0.00 min

Lab File: BG033173.D

Acq: 15 Mar 2018 9:31

Tgt Ion: 164 Resp: 99819

Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	47.8	35.4	53.0

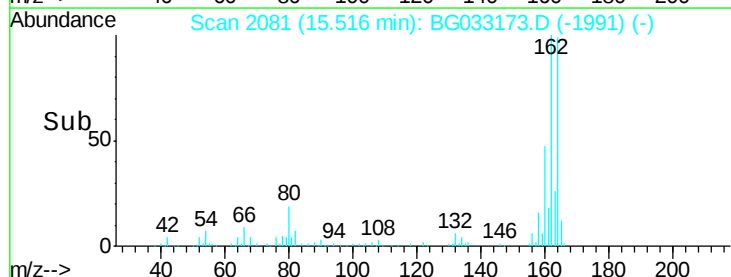
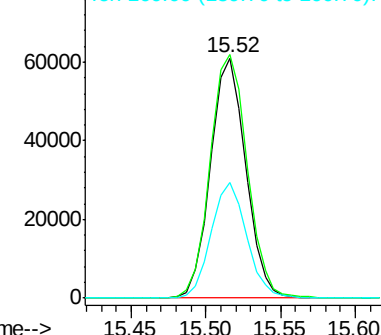


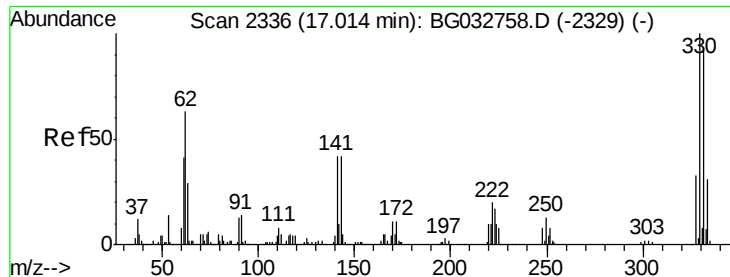
Abundance

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

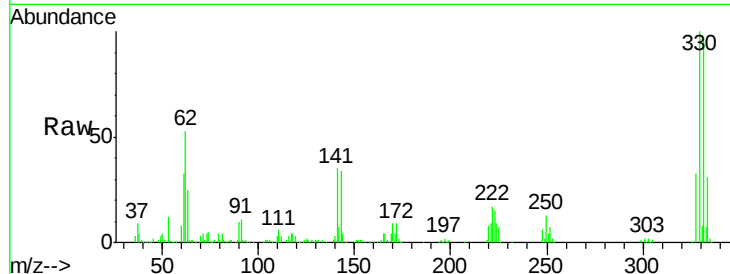




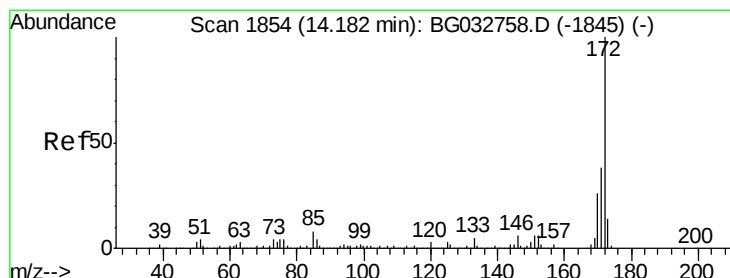
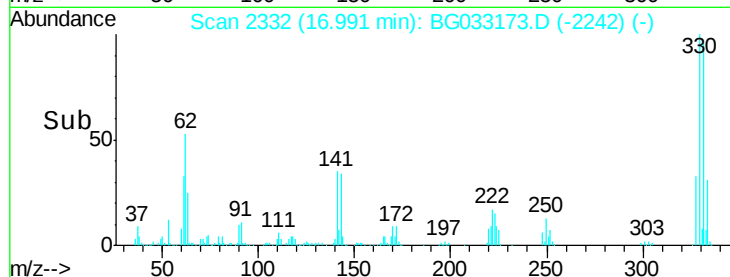
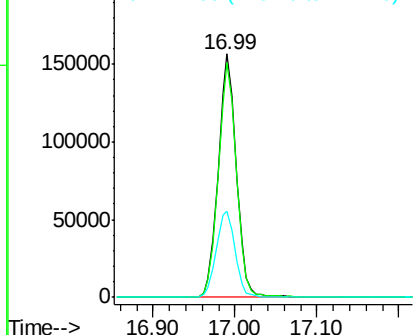
#41
 2,4,6-Tribromophenol
 Concen: 229.596 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033173.D
 Acq: 15 Mar 2018 9:31

Instrument :
 BNA_G
 ClientSampleId :
 TP-5B-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	36.9	25.2	37.8

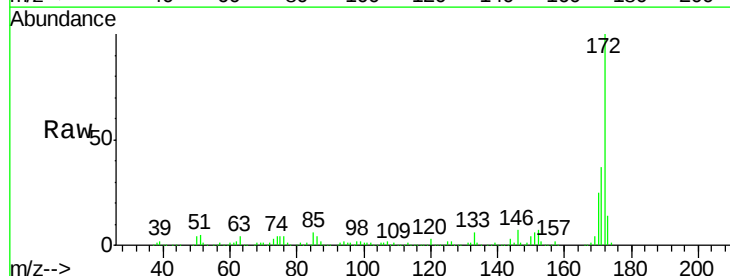


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

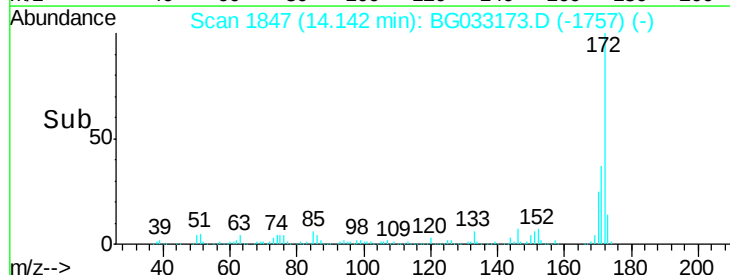
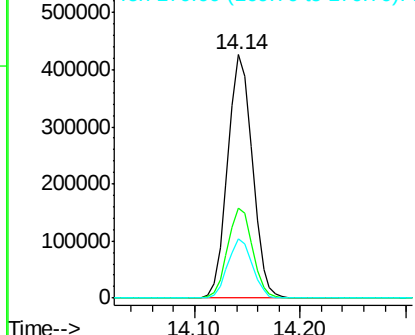


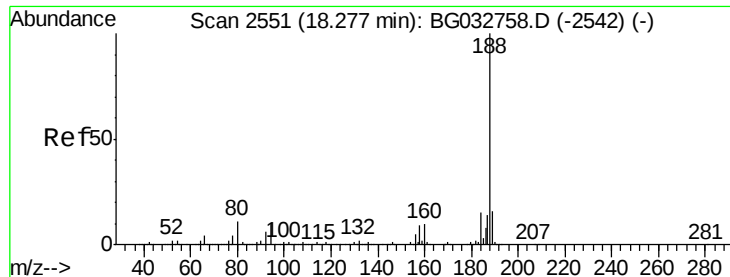
#44
 2-Fluorobiphenyl
 Concen: 99.717 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033173.D
 Acq: 15 Mar 2018 9:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.6	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: 18.24 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BG033173.D

Acq: 15 Mar 2018 9:31

Instrument :

BNA_G

ClientSampleId :

TP-5B-COMP

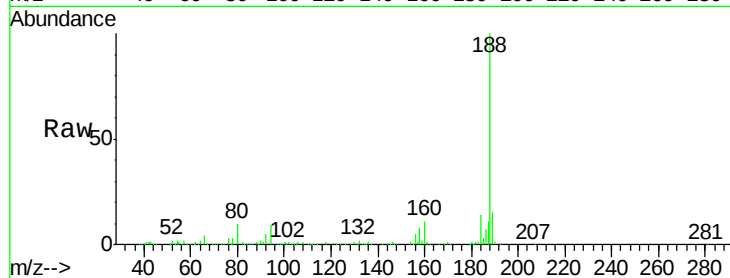
Tot Ion:188 Resp: 245426

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

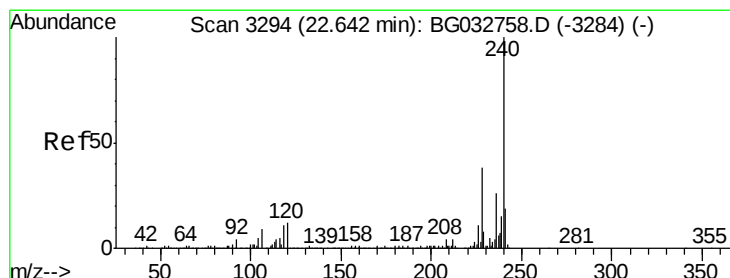
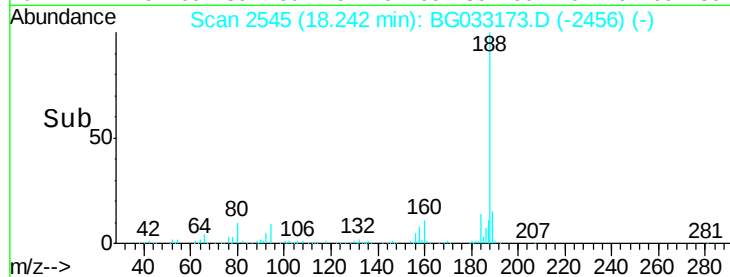
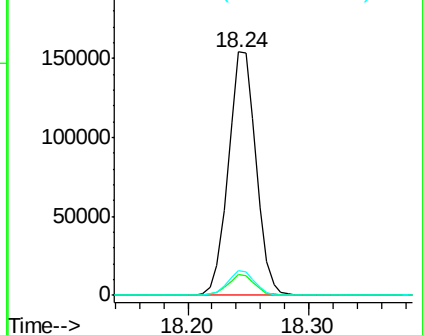
80 10.3 7.7 11.5



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: 22.60 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BG033173.D

Acq: 15 Mar 2018 9:31

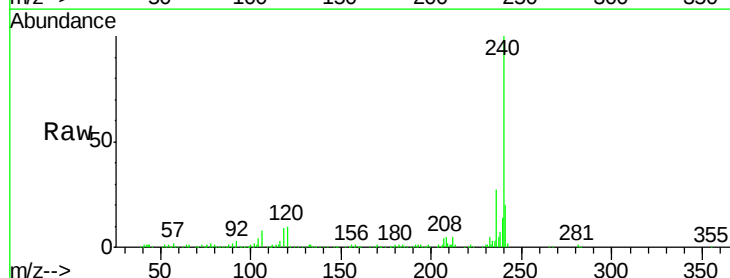
Tgt Ion:240 Resp: 243646

Ion Ratio Lower Upper

240 100

120 9.7 6.8 10.2

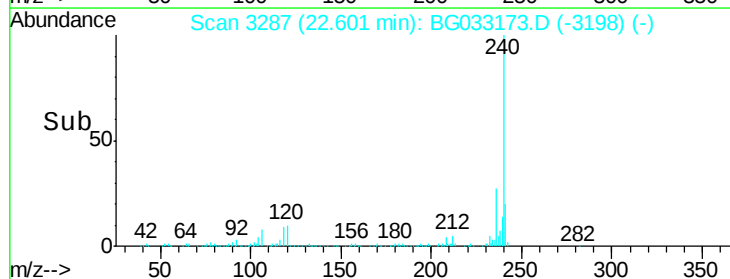
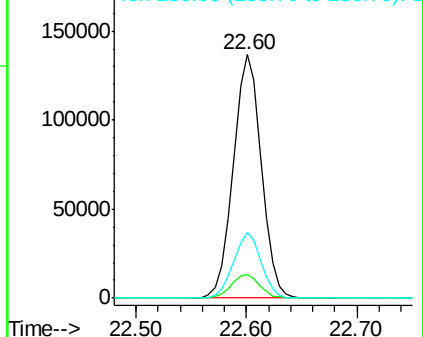
236 27.1 20.9 31.3

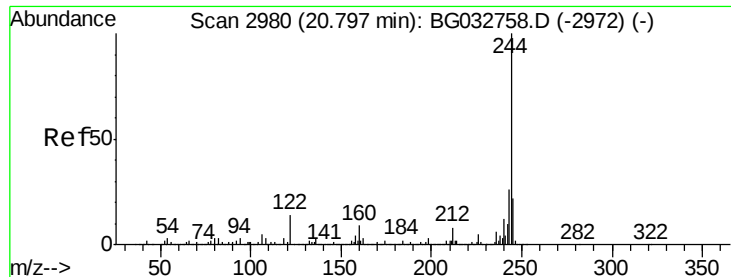


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 114.777 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033173.D

Acq: 15 Mar 2018 9:31

Instrument :

BNA_G

ClientSampleId :

TP-5B-COMP

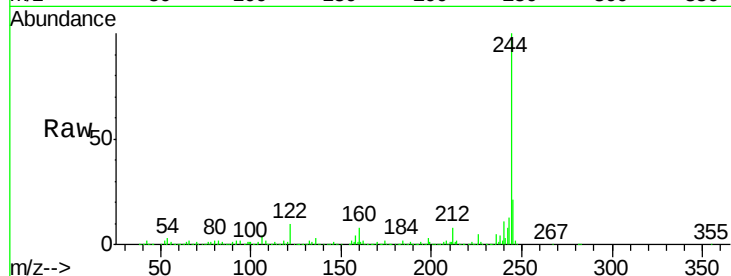
Tot Ion:244 Resp: 1244701

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

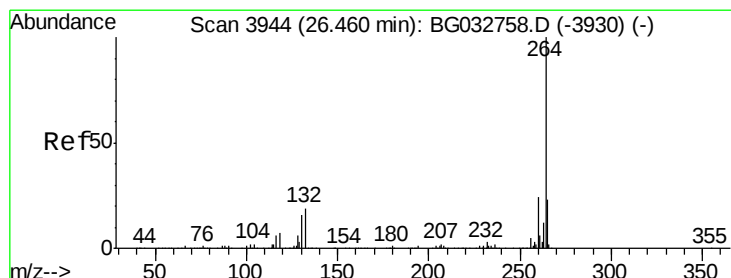
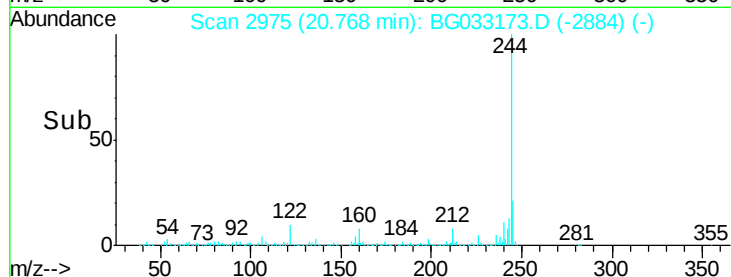
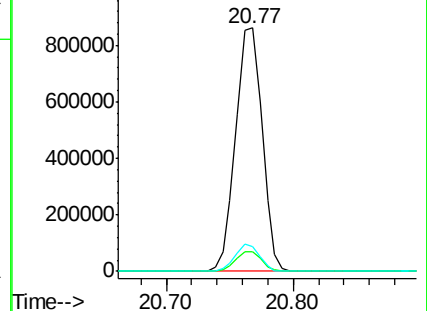
122 9.9 7.0 10.4



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: 26.40 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG033173.D

Acq: 15 Mar 2018 9:31

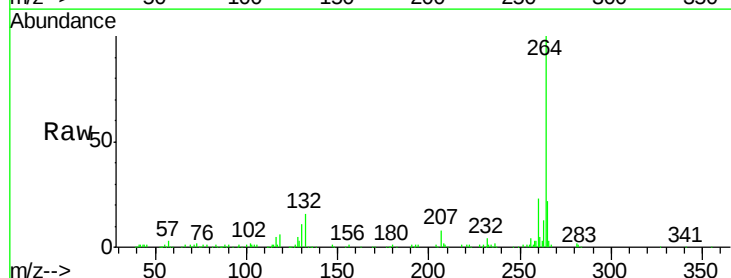
Tgt Ion:264 Resp: 259367

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.5 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

