

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032796.D
 Acq On : 23 Feb 2018 18:56
 Operator : SJ/JU
 Sample : J1652-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-4248

Quant Time: Feb 23 21:57:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 17:04:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	74896	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	318802	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	175717	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	419877	20.00	ng	0.00
75) Chrysene-d12	22.63	240	418809	20.00	ng	0.00
86) Perylene-d12	26.44	264	441707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	634763	135.59	ng	0.00
7) Phenol-d6	8.02	99	761108	116.64	ng	0.00
23) Nitrobenzene-d5	10.13	82	504967	107.01	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	304739	164.94	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1111303	91.21	ng	0.00
78) Terphenyl-d14	20.79	244	1784273	95.72	ng	0.00

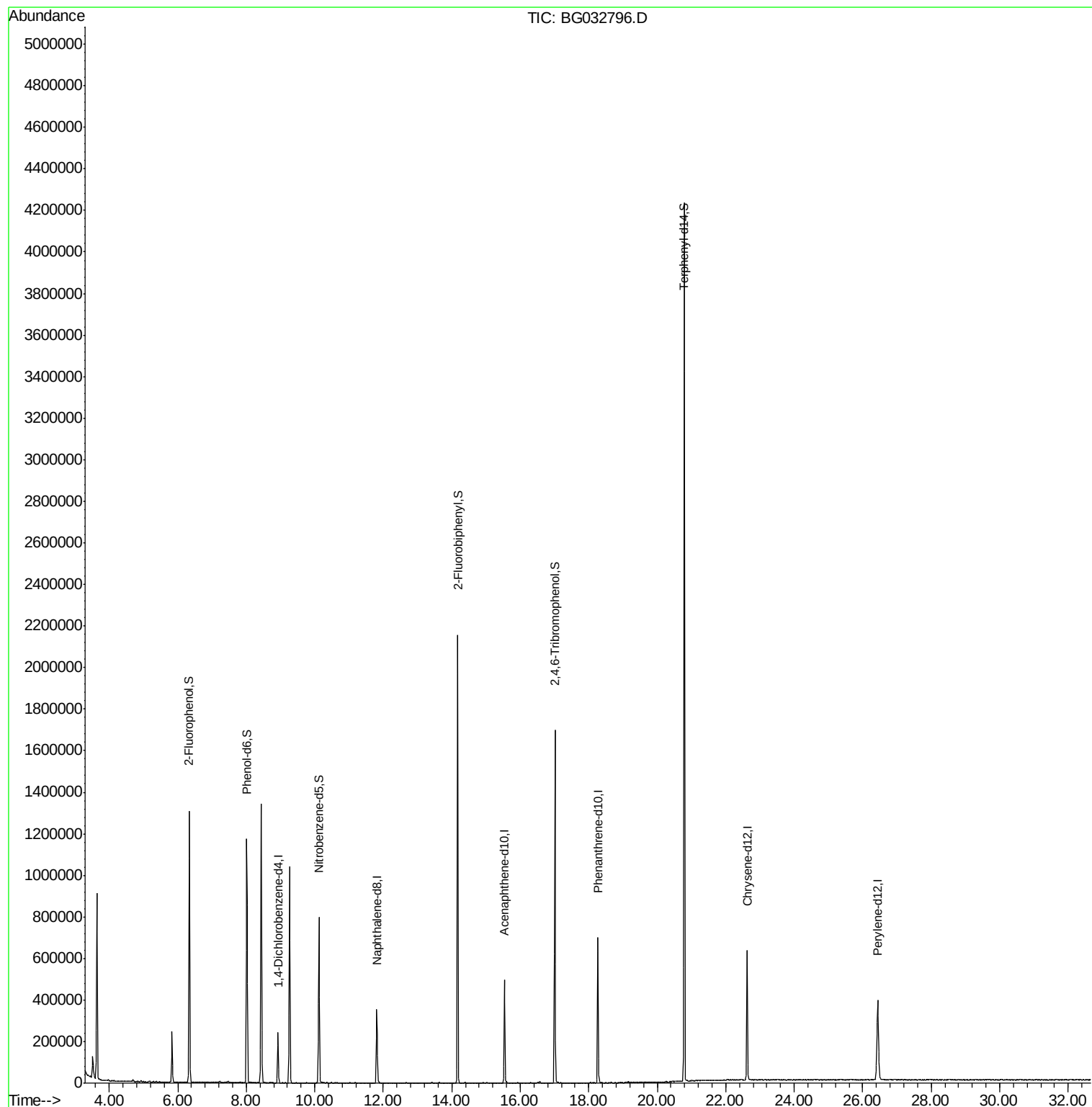
Target Compounds Qvalue

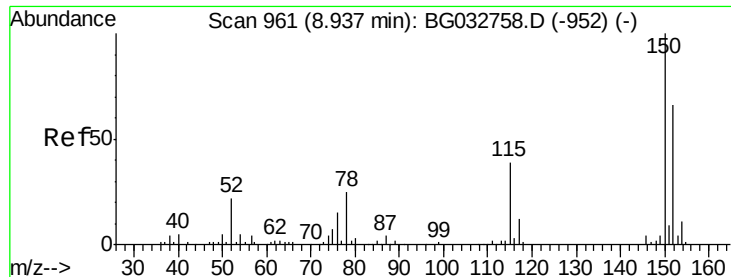
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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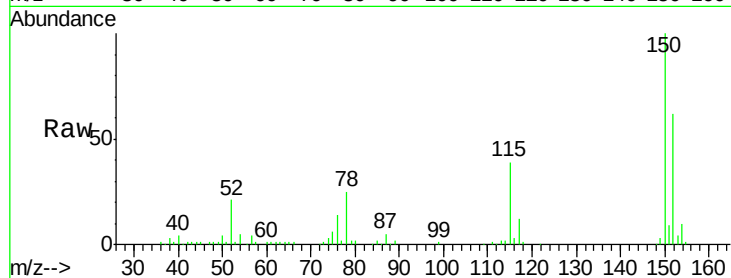


#1

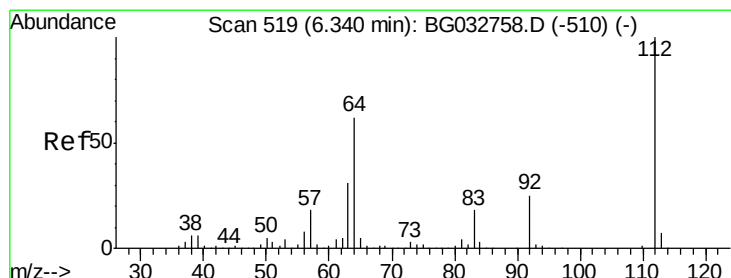
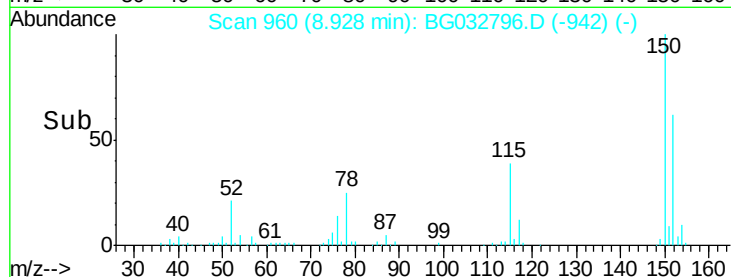
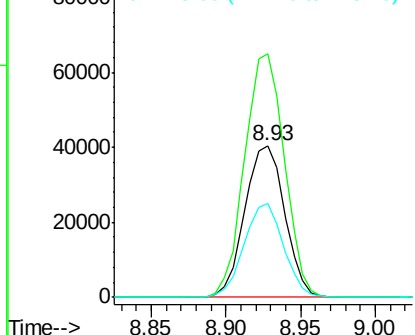
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032796.D
Acq: 23 Feb 2018 18:56

Instrument :
BNA_G
ClientSampleId :
RT-4248

Tot Ion:152 Resp: 74896
Ion Ratio Lower Upper
152 100
150 160.1 126.6 189.8
115 61.8 53.0 79.4



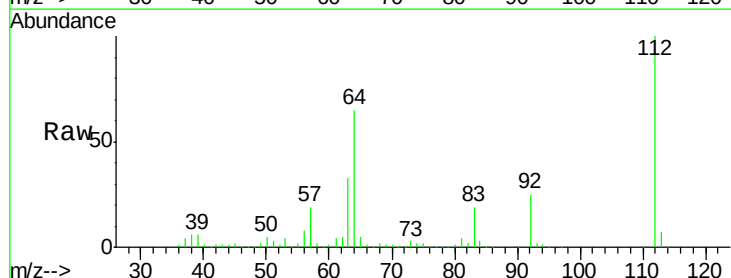
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



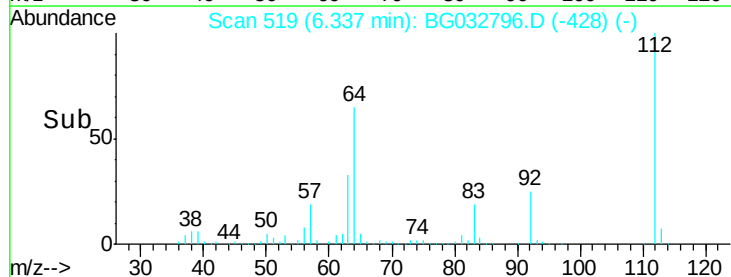
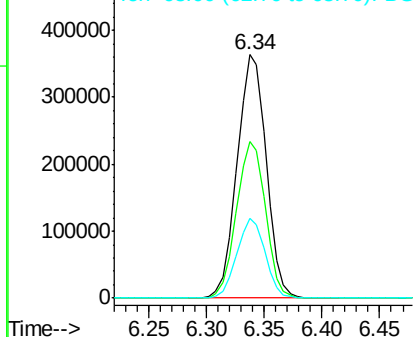
#5

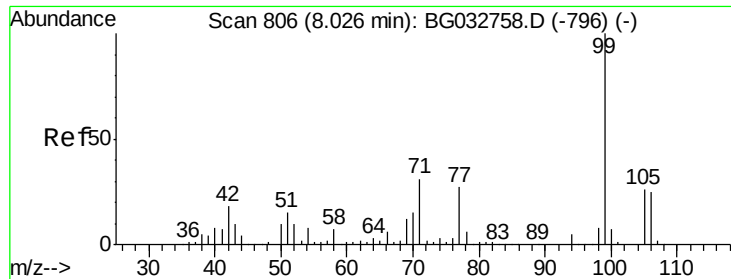
2-Fluorophenol
Concen: 135.59 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032796.D
Acq: 23 Feb 2018 18:56

Tgt Ion:112 Resp: 634763
Ion Ratio Lower Upper
112 100
64 64.6 56.3 84.5
63 32.8 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: 116.64 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032796.D

Acq: 23 Feb 2018 18:56

Instrument :

BNA_G

ClientSampled :

RT-4248

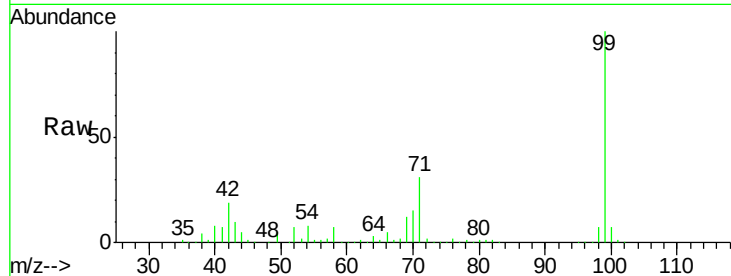
Tot Ion: 99 Resp: 761108

Ion Ratio Lower Upper

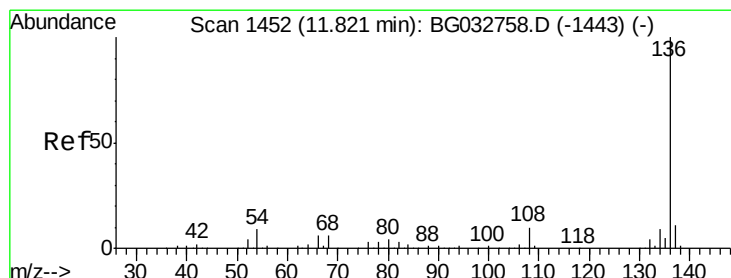
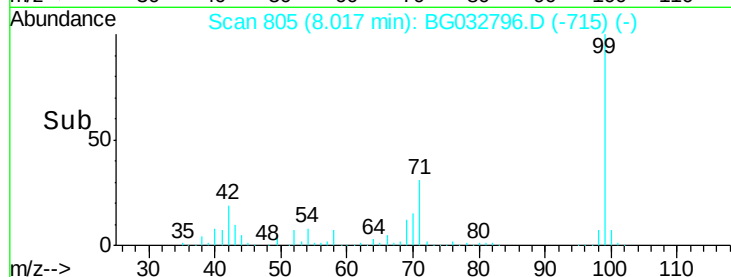
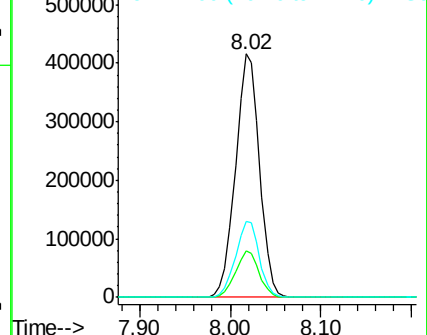
99 100

42 19.1 14.1 21.1

71 30.9 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: 20.00 ng

RT: 11.81 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BG032796.D

Acq: 23 Feb 2018 18:56

Tgt Ion: 136 Resp: 318802

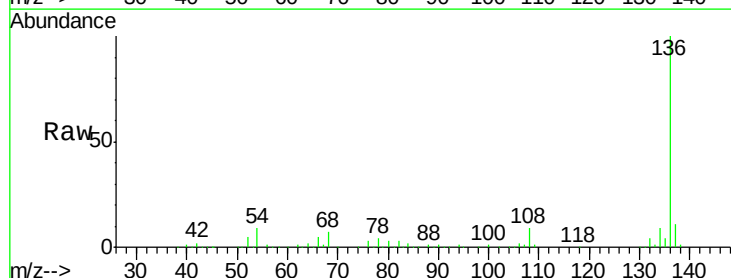
Ion Ratio Lower Upper

136 100

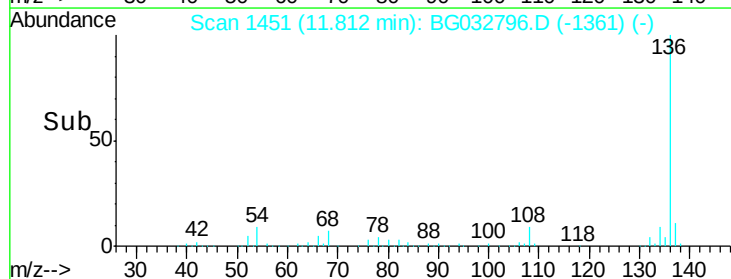
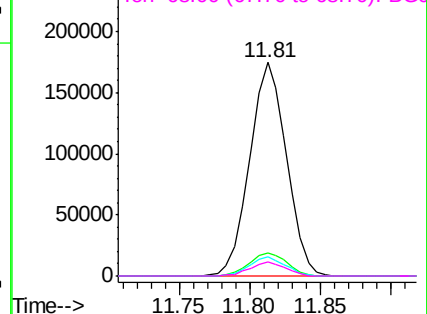
137 10.9 9.2 13.8

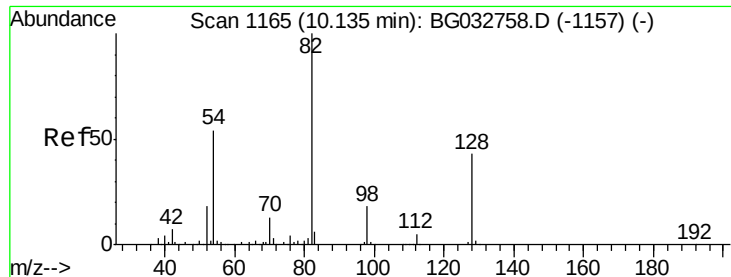
54 9.0 10.3 15.5#

68 6.7 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

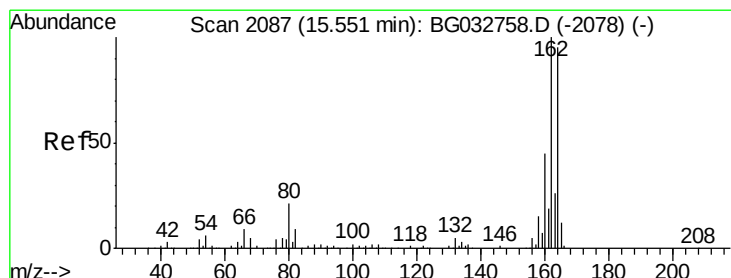
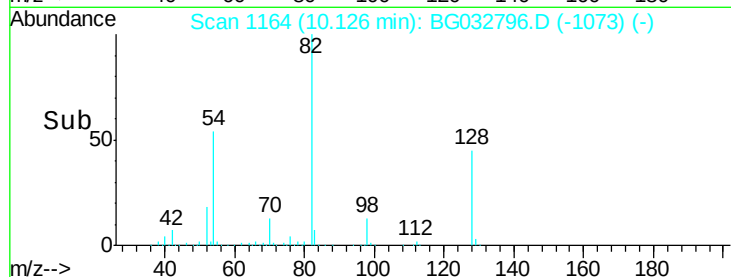
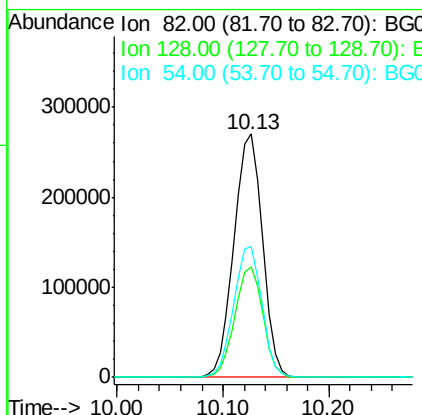
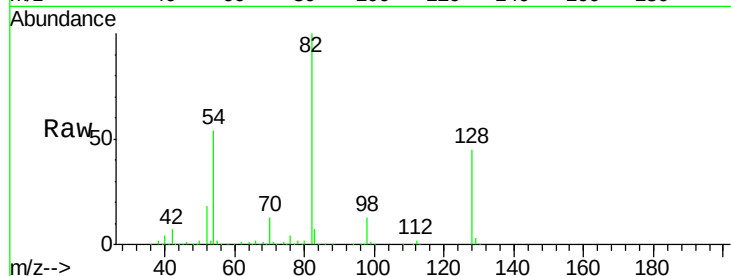




#23
 Nitrobenzene-d5
 Concen: 107.01 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG032796.D
 Acq: 23 Feb 2018 18:56

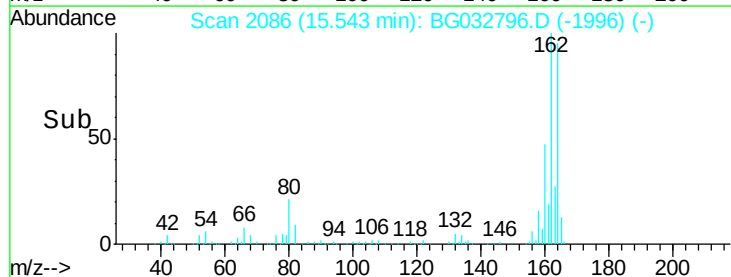
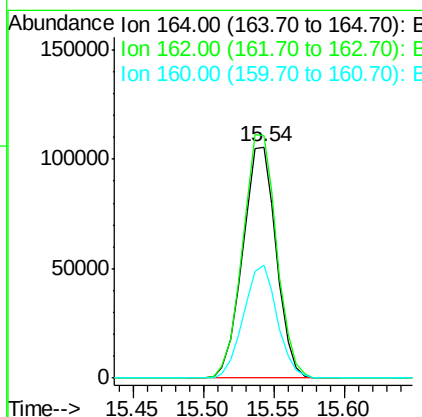
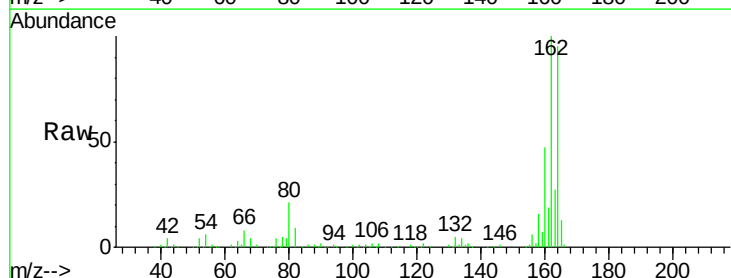
Instrument :
 BNA_G
 ClientSampled :
 RT-4248

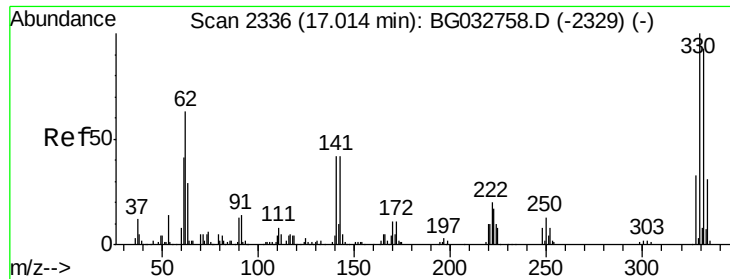
Tot Ion	82	Resp	504967
Ion Ratio	Lower	Upper	
82	100		
128	45.3	29.7	44.5#
54	53.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG032796.D
 Acq: 23 Feb 2018 18:56

Tgt Ion	164	Resp	175717
Ion Ratio	Lower	Upper	
164	100		
162	104.8	78.8	118.2
160	49.0	35.4	53.0

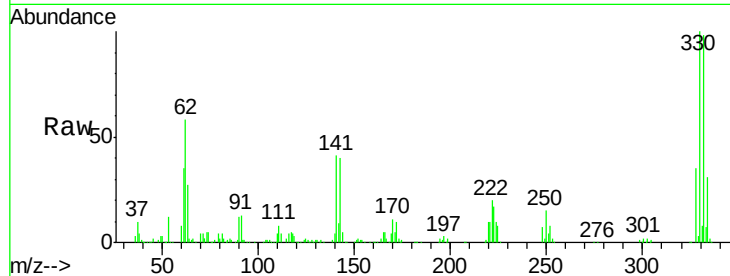




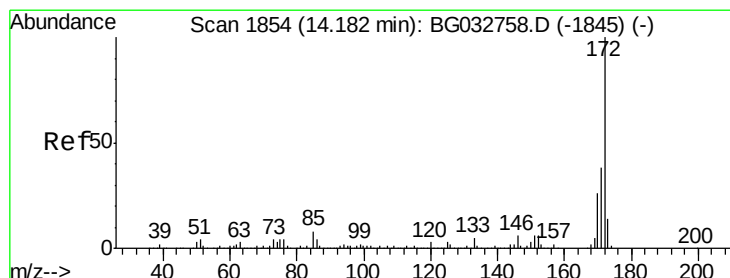
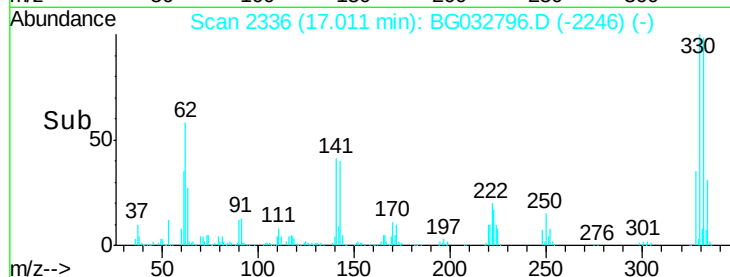
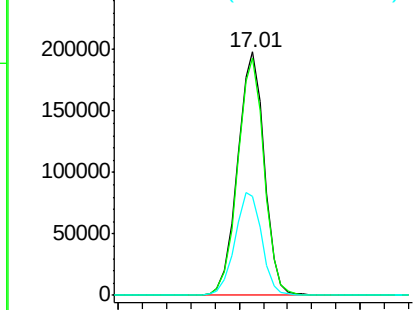
#41
 2,4,6-Tribromophenol
 Concen: 164.94 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032796.D
 Acq: 23 Feb 2018 18:56

Instrument :
 BNA_G
 ClientSampleID :
 RT-4248

Tot Ion:330 Resp: 304739
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 42.5 25.2 37.8#

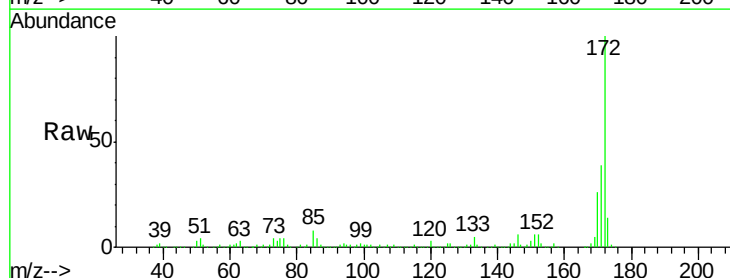


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

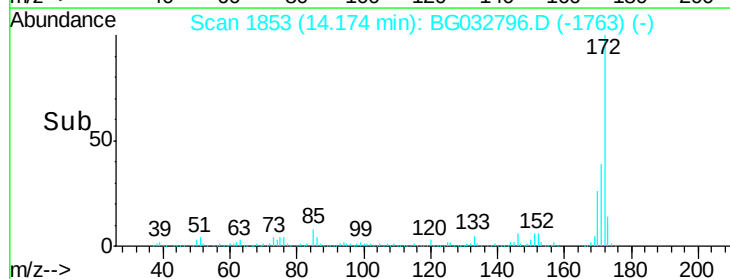
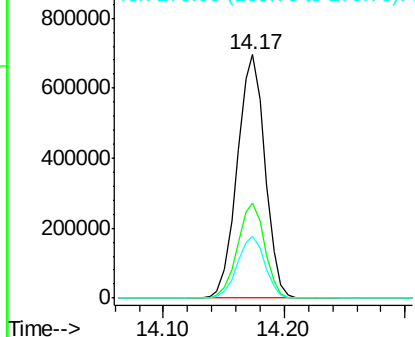


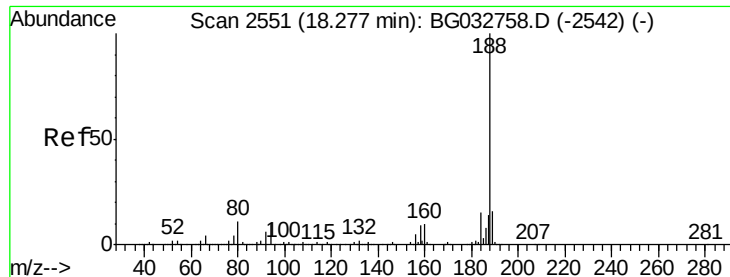
#44
 2-Fluorobiphenyl
 Concen: 91.21 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG032796.D
 Acq: 23 Feb 2018 18:56

Tgt Ion:172 Resp: 1111303
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.0 45.0
 170 25.6 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: 20.00 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BG032796.D

Acq: 23 Feb 2018 18:56

Instrument :

BNA_G

ClientSampleId :

RT-4248

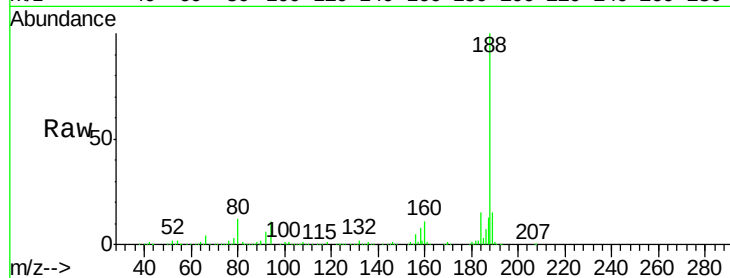
Tot Ion:188 Resp: 419877

Ion Ratio Lower Upper

188 100

94 10.7 6.9 10.3#

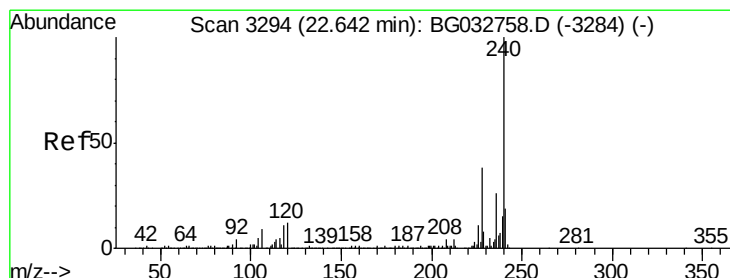
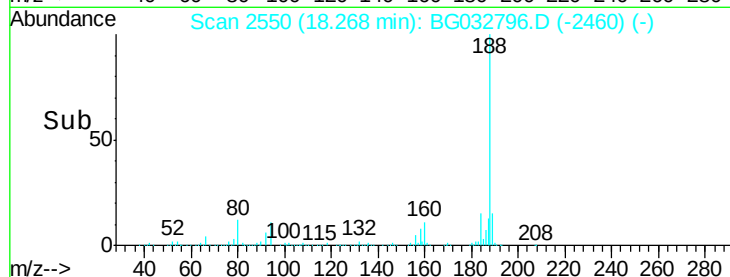
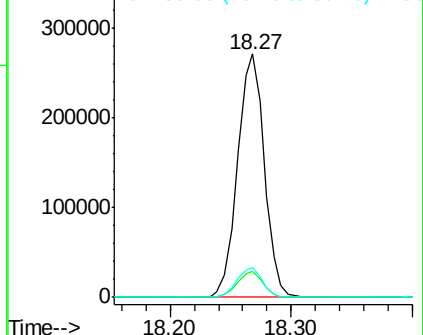
80 12.3 7.7 11.5#



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: 20.00 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.00 min

Lab File: BG032796.D

Acq: 23 Feb 2018 18:56

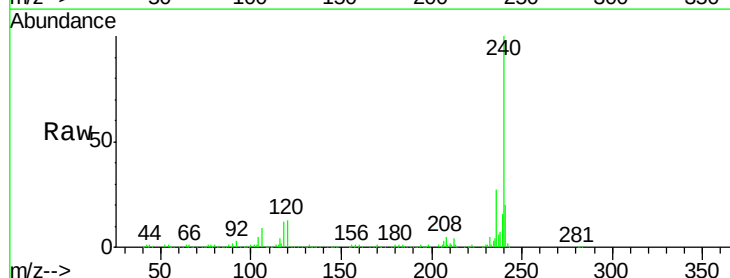
Tgt Ion:240 Resp: 418809

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

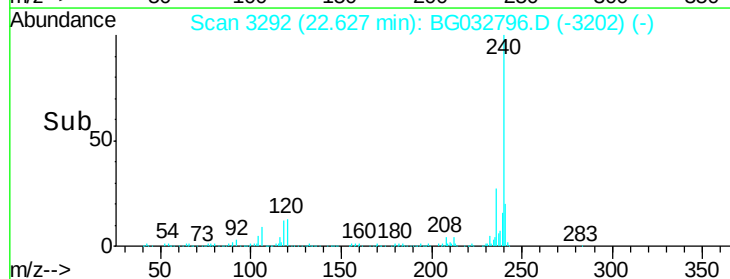
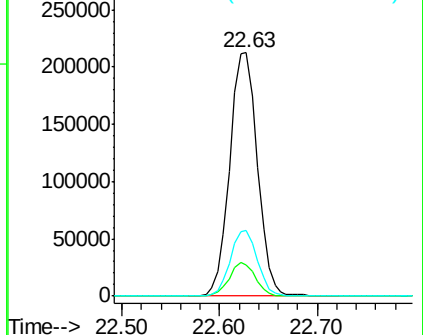
236 27.0 20.9 31.3

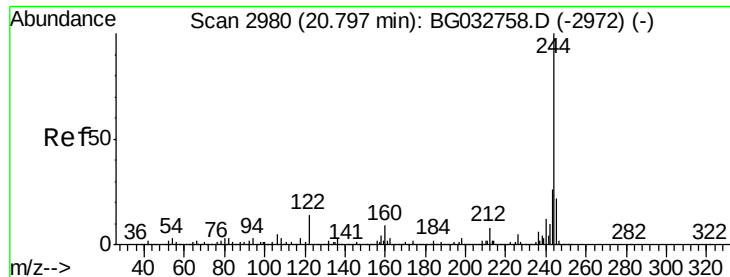


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

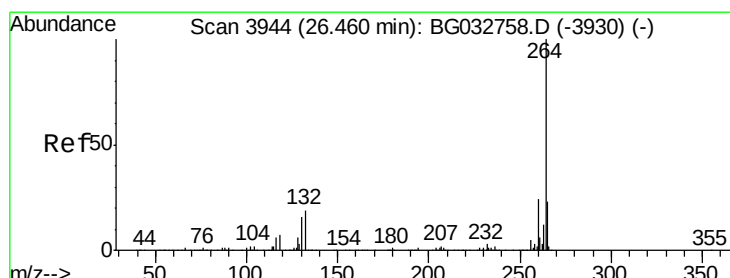
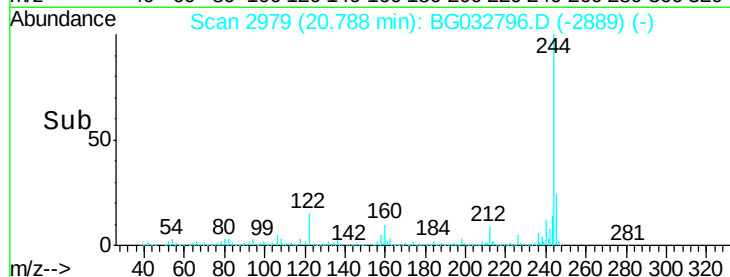
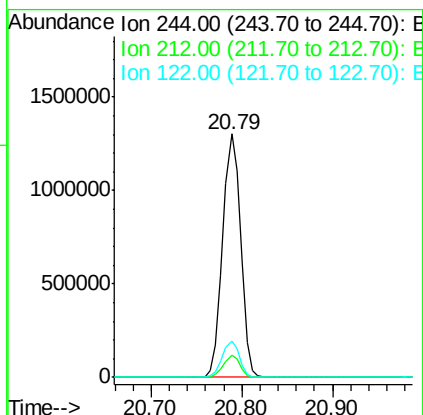
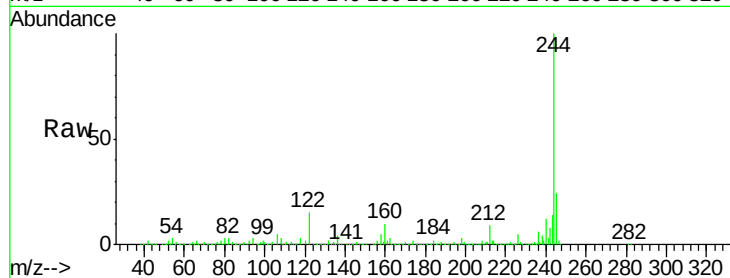




#78
 Terphenyl-d14
 Concen: 95.72 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG032796.D
 Acq: 23 Feb 2018 18:56

Instrument :
 BNA_G
 ClientSampleId :
 RT-4248

Tot Ion:244 Resp: 1784273
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 15.0 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.44 min Scan# 3941
 Delta R.T. -0.01 min
 Lab File: BG032796.D
 Acq: 23 Feb 2018 18:56

Tgt Ion:264 Resp: 441707
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.4 26.0
 265 22.5 17.7 26.5

