

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032777.D
 Acq On : 22 Feb 2018 3:30
 Operator : SJ/JU
 Sample : J1623-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-8

Quant Time: Feb 22 07:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 21 15:45:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	83943	20.00	ng	-0.01
21) Naphthalene-d8	11.82	136	357849	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	196397	20.00	ng	-0.01
63) Phenanthrene-d10	18.27	188	438243	20.00	ng	-0.01
75) Chrysene-d12	22.63	240	418707	20.00	ng	-0.02
86) Perylene-d12	26.44	264	447042	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	634581	120.94	ng	0.00
7) Phenol-d6	8.02	99	758096	103.66	ng	0.00
23) Nitrobenzene-d5	10.12	82	527859	100.34	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	299791	145.17	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1194213	87.70	ng	-0.01
78) Terphenyl-d14	20.79	244	1657776	88.95	ng	0.00

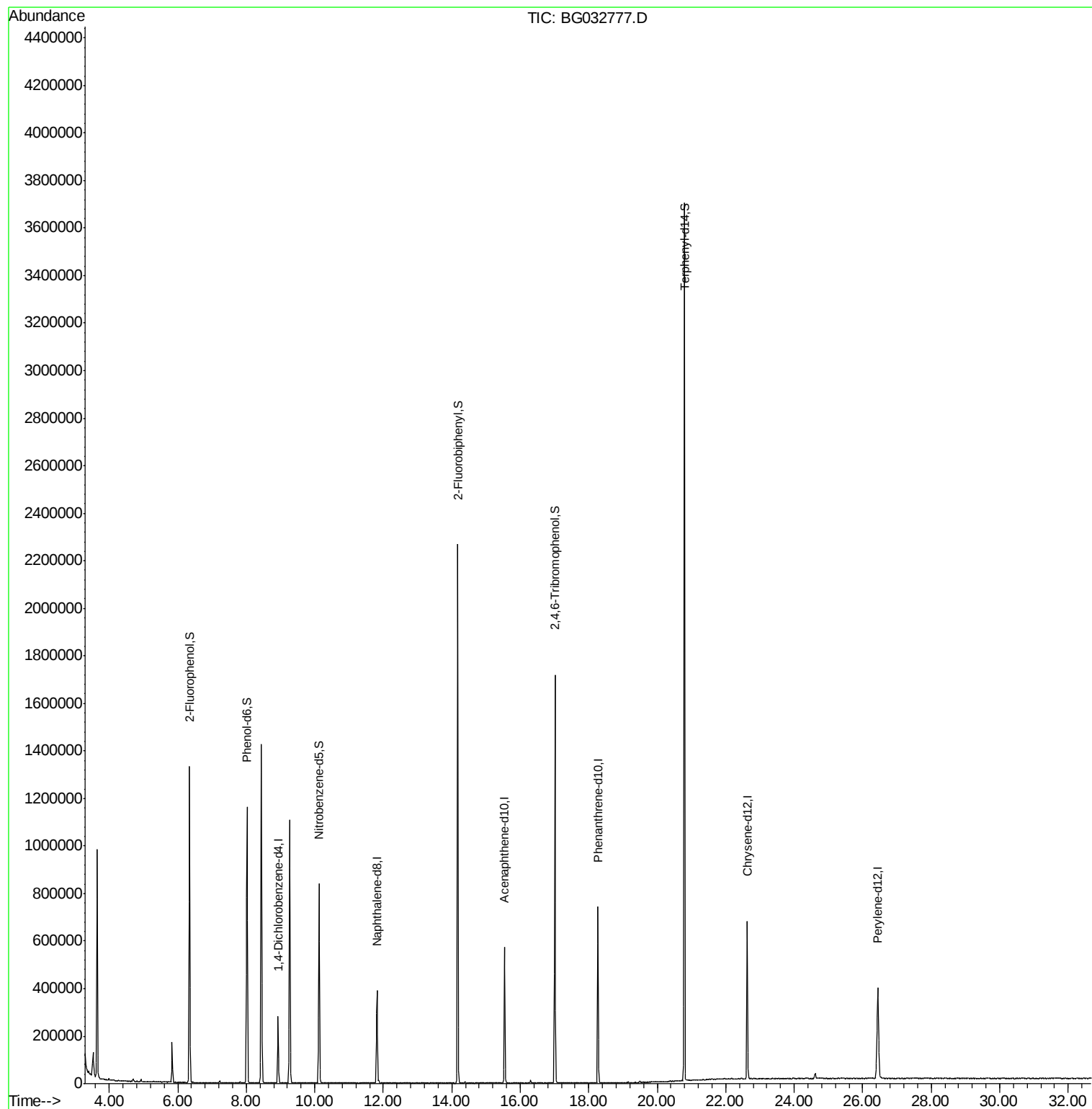
Target Compounds Qvalue

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

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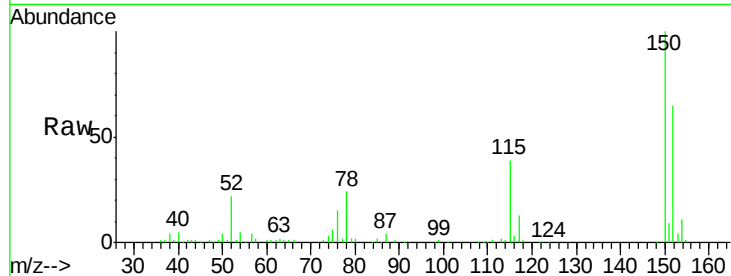


#1

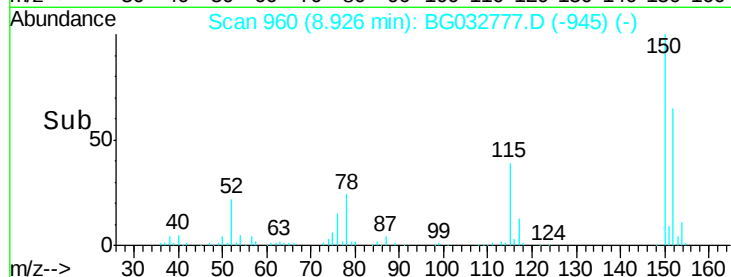
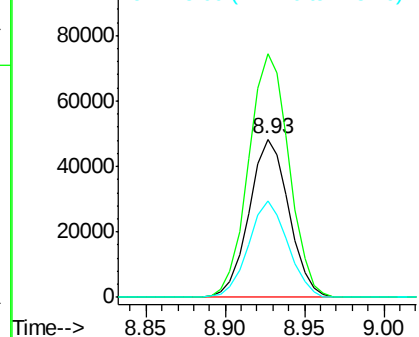
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Instrument :
BNA_G
ClientSampled :
TP-7-8

Tot Ion:152 Resp: 83943
Ion Ratio Lower Upper
152 100
150 154.2 126.6 189.8
115 60.8 53.0 79.4



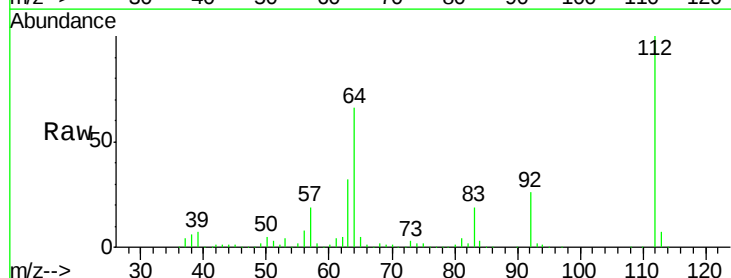
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



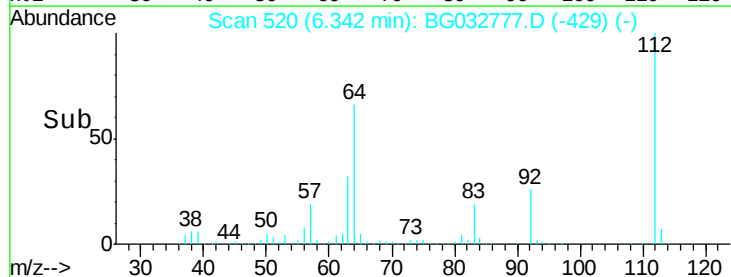
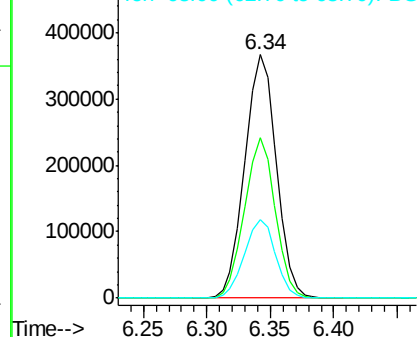
#5

2-Fluorophenol
Concen: 120.944 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.00 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Tgt Ion:112 Resp: 634581
Ion Ratio Lower Upper
112 100
64 65.7 56.3 84.5
63 32.5 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: 103.658 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampled :

TP-7-8

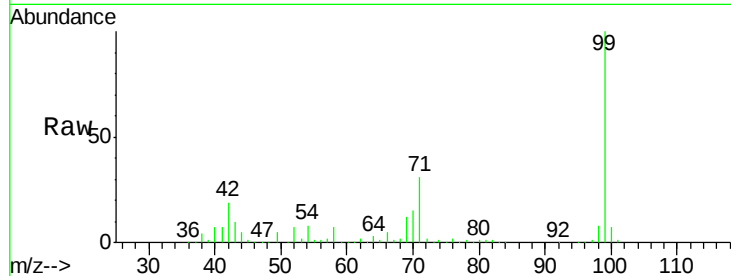
Tot Ion: 99 Resp: 758096

Ion Ratio Lower Upper

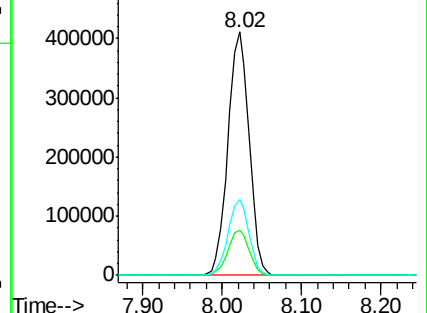
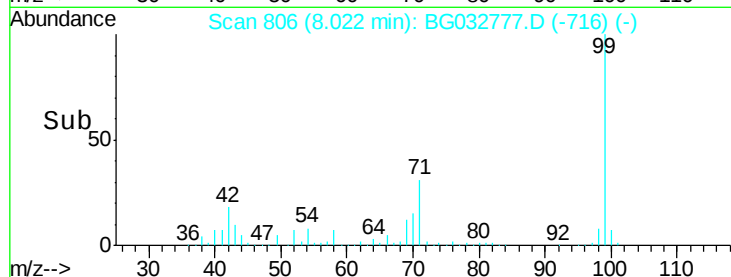
99 100

42 18.5 14.1 21.1

71 31.1 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: 11.82 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Tgt Ion: 136 Resp: 357849

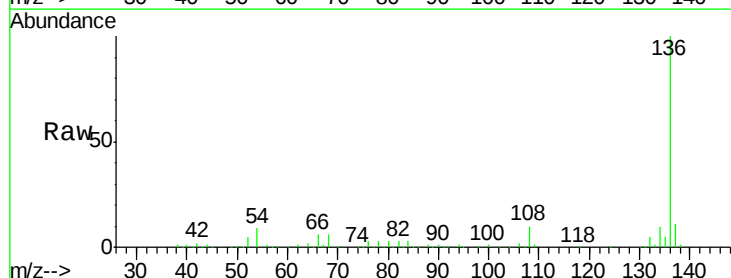
Ion Ratio Lower Upper

136 100

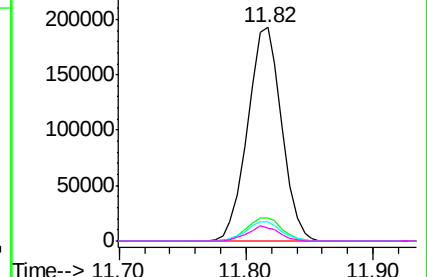
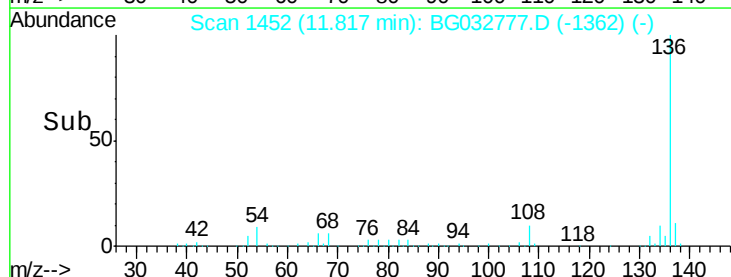
137 10.9 9.2 13.8

54 9.0 10.3 15.5#

68 5.8 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

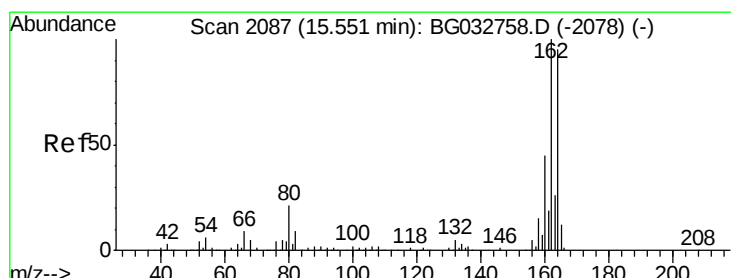
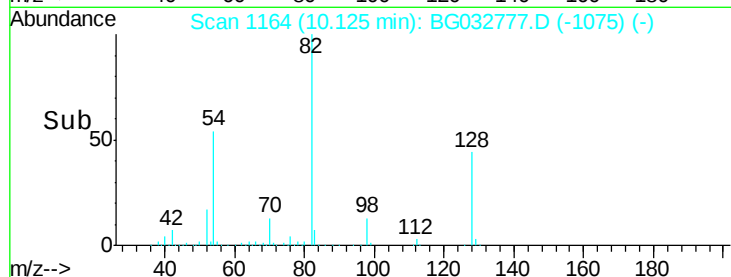
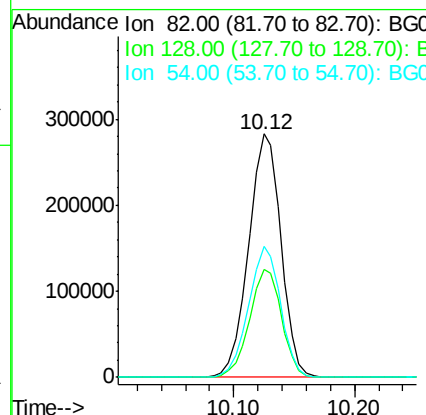
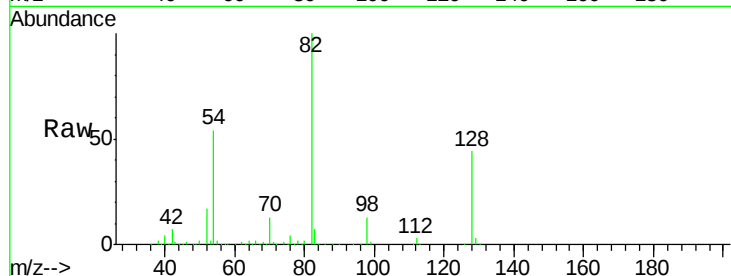




#23
 Nitrobenzene-d5
 Concen: 100.339 ng
 RT: 10.12 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BG032777.D
 Acq: 22 Feb 2018 3:30

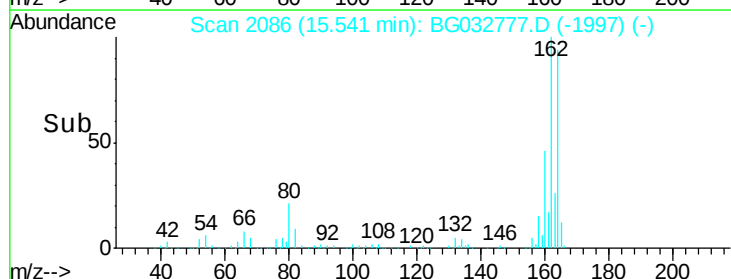
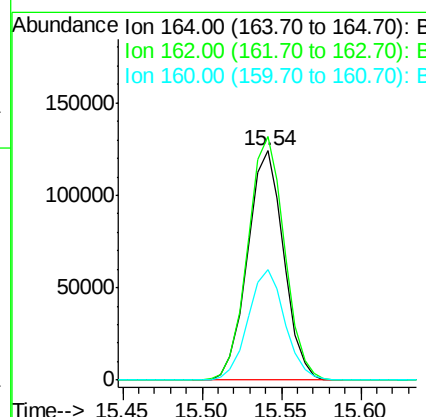
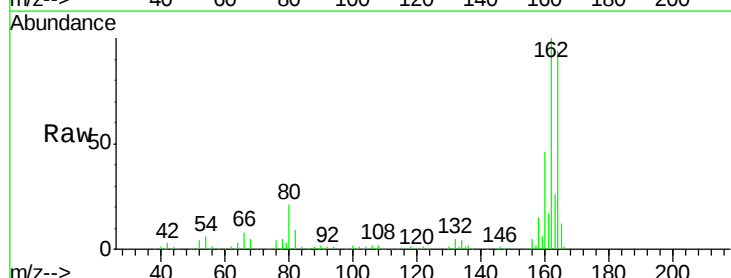
Instrument :
 BNA_G
 ClientSampled :
 TP-7-8

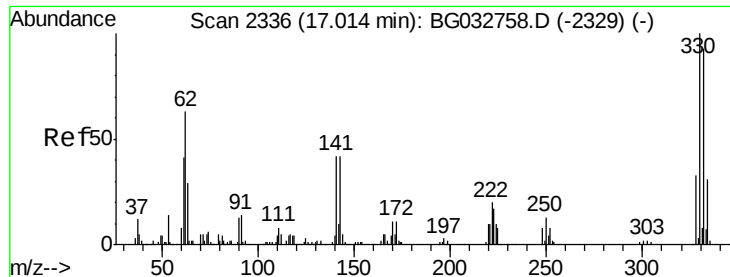
Tot Ion	82	Resp	527859
Ion Ratio	100	Lower	Upper
128	44.5	29.7	44.5
54	53.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BG032777.D
 Acq: 22 Feb 2018 3:30

Tgt Ion	164	Resp	196397
Ion Ratio	100	Lower	Upper
162	106.2	78.8	118.2
160	48.3	35.4	53.0

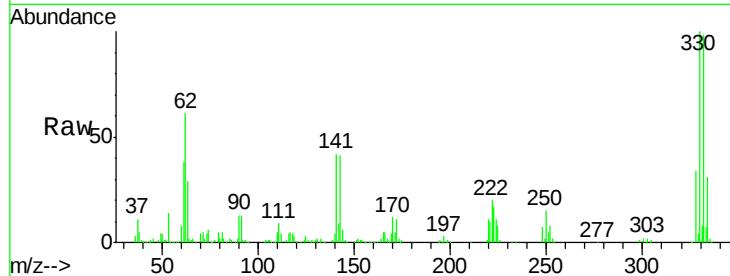




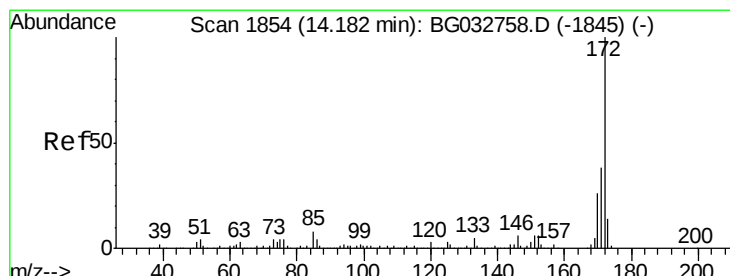
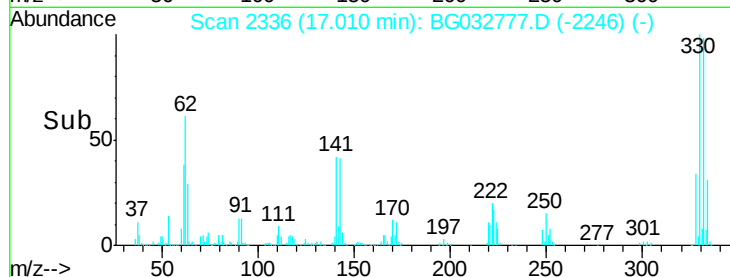
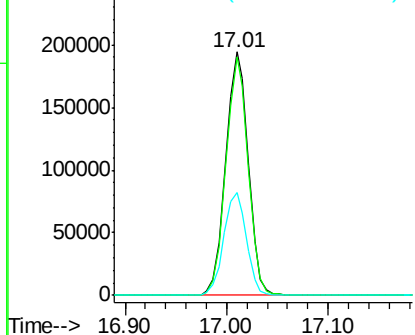
#41
 2,4,6-Tribromophenol
 Concen: 145.174 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032777.D
 Acq: 22 Feb 2018 3:30

Instrument :
 BNA_G
 ClientSampled :
 TP-7-8

Tot Ion:330 Resp: 299791
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 42.6 25.2 37.8#

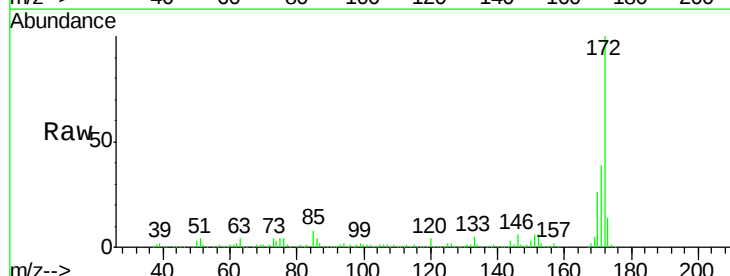


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

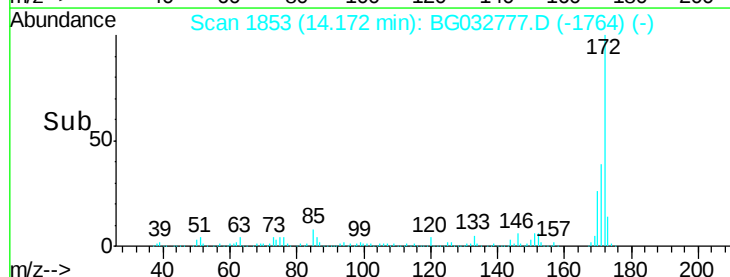
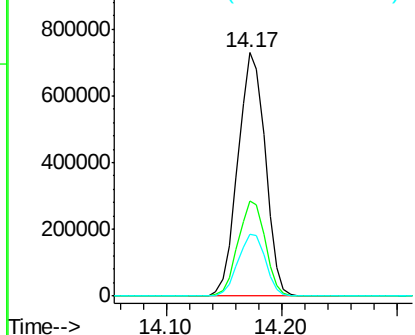


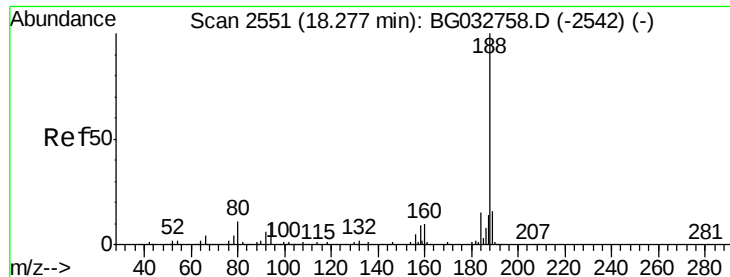
#44
 2-Fluorobiphenyl
 Concen: 87.698 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG032777.D
 Acq: 22 Feb 2018 3:30

Tgt Ion:172 Resp: 1194213
 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: 20.000 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampleId :

TP-7-8

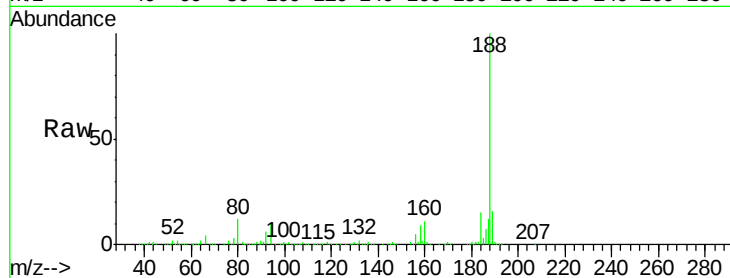
Tot Ion:188 Resp: 438243

Ion Ratio Lower Upper

188 100

94 10.0 6.9 10.3

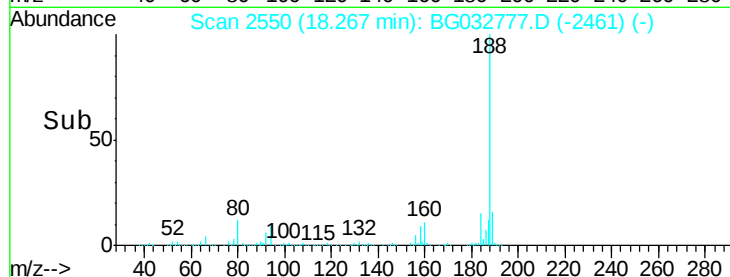
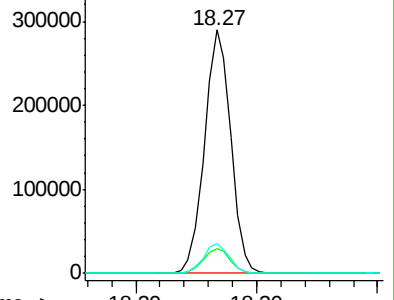
80 12.2 7.7 11.5#



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: 22.63 min Scan# 3292

Delta R.T. -0.02 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

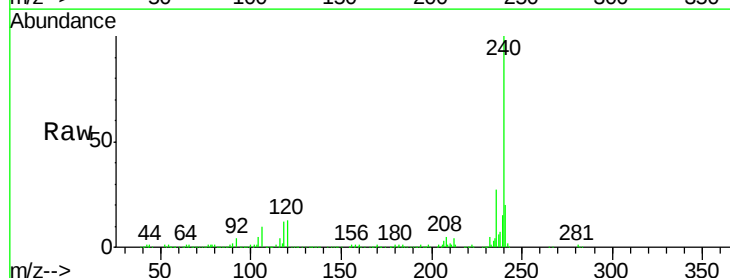
Tgt Ion:240 Resp: 418707

Ion Ratio Lower Upper

240 100

120 13.4 6.8 10.2#

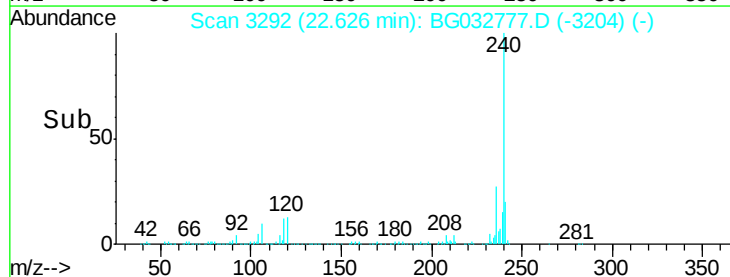
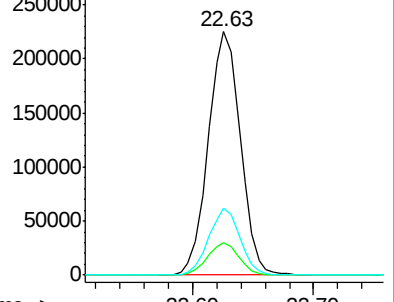
236 27.4 20.9 31.3

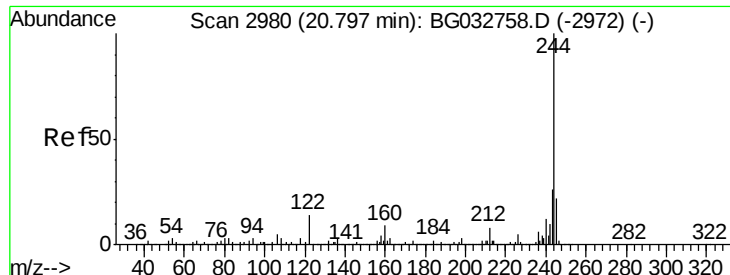


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.954 ng

RT: 20.79 min Scan# 2980

Delta R.T. -0.00 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampleId :

TP-7-8

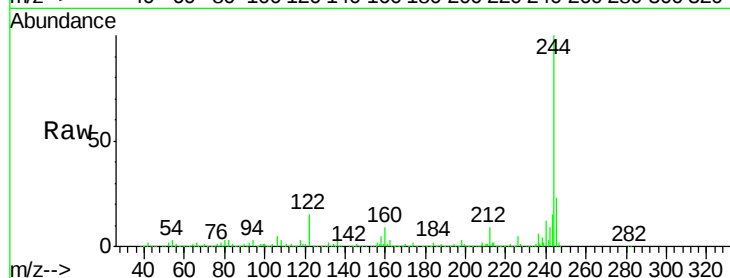
Tot Ion:244 Resp: 1657776

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

122 14.6 7.0 10.4#

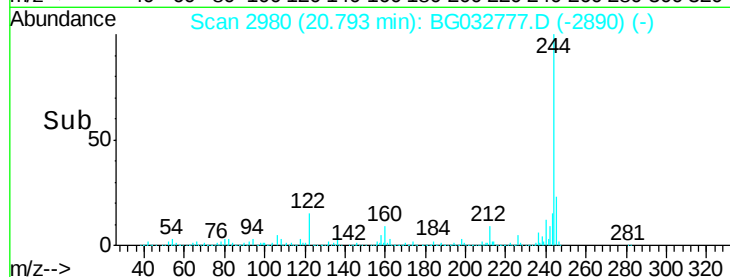


Abundance Ion 244.00 (243.70 to 244.70): E

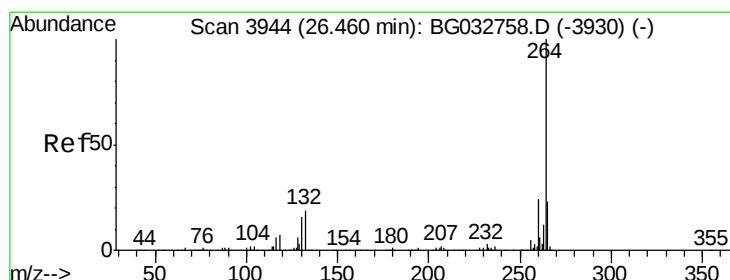
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.44 min Scan# 3941

Delta R.T. -0.02 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

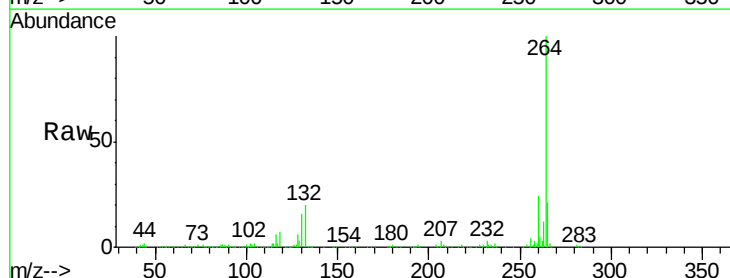
Tgt Ion:264 Resp: 447042

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.3 17.7 26.5

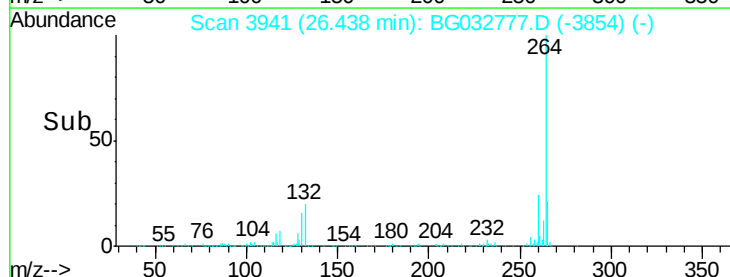


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->