

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060716\
 Data File : BG022222.D
 Acq On : 8 Jun 2016 2:47
 Operator : UM/SJ
 Sample : H3424-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CTM-5(7.5-10)

Quant Time: Jun 08 03:49:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

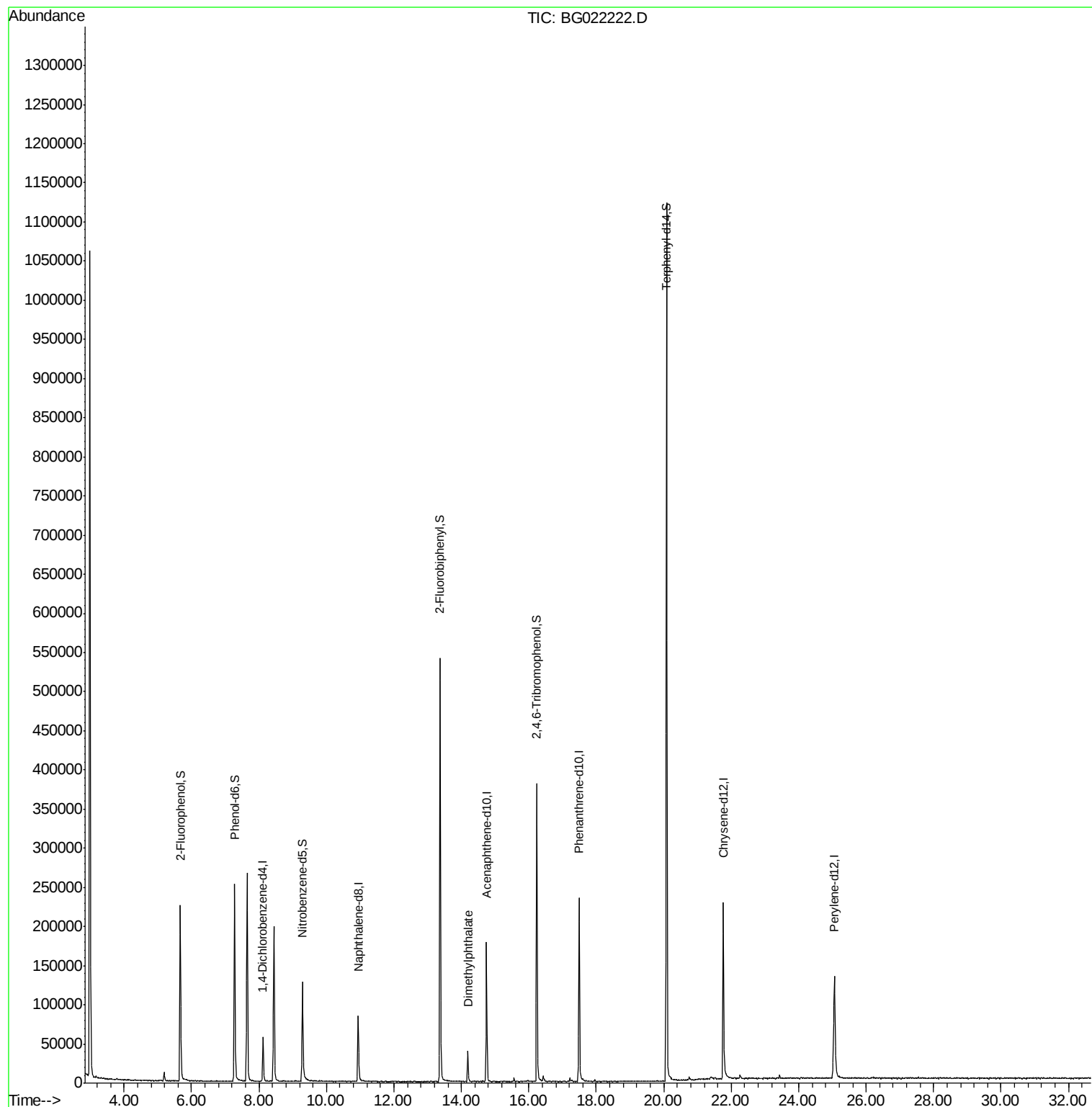
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	22043	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	107860	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	72475	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	171913	20.00	ng	0.00
75) Chrysene-d12	21.76	240	169395	20.00	ng	0.00
86) Perylene-d12	25.06	264	159772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	153897	134.99	ng	0.00
7) Phenol-d6	7.27	99	229351	127.95	ng	0.00
23) Nitrobenzene-d5	9.29	82	116551	75.34	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	89247	108.98	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	340276	71.55	ng	0.00
78) Terphenyl-d14	20.08	244	551881	77.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	37697	6.27	ng	Qvalue # 99

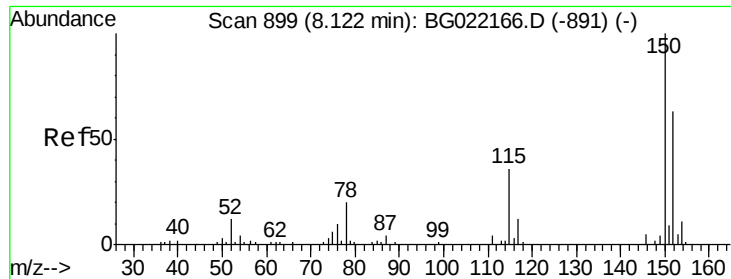
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022222.D

Acq: 8 Jun 2016 2:47

Instrument :

BNA_G

ClientSampleId :

CTM-5(7.5-10)

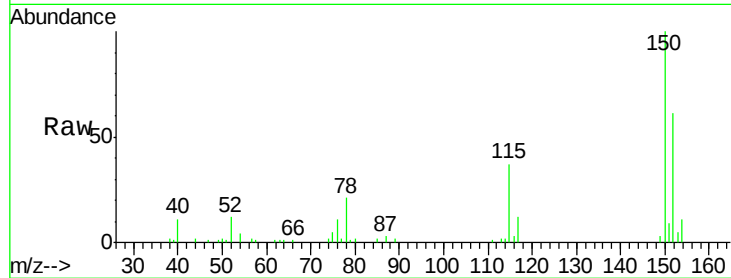
Tgt Ion:152 Resp: 22043

Ion Ratio Lower Upper

152 100

150 163.9 130.1 195.1

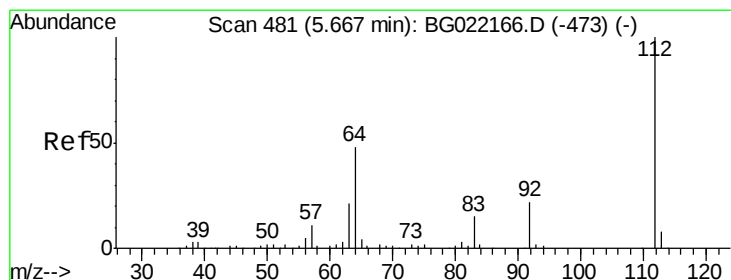
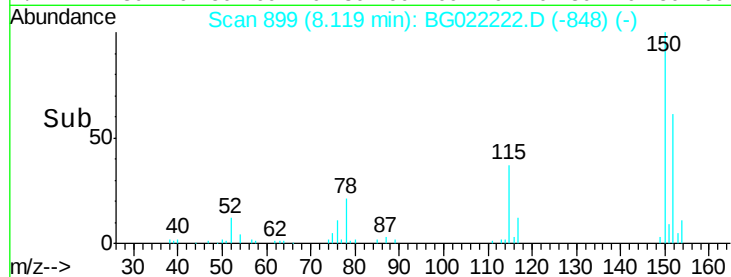
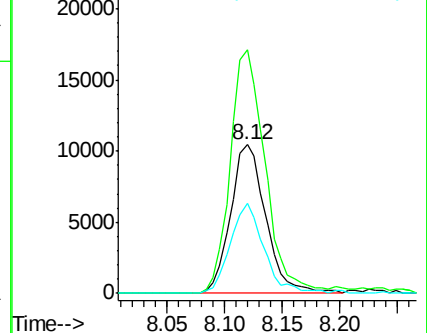
115 60.9 62.2 93.2#



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: 134.99 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022222.D

Acq: 8 Jun 2016 2:47

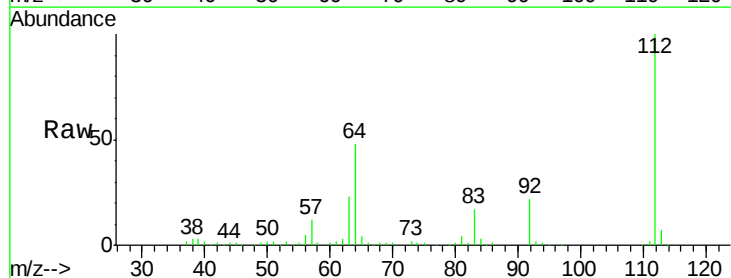
Tgt Ion:112 Resp: 153897

Ion Ratio Lower Upper

112 100

64 47.7 51.1 76.7#

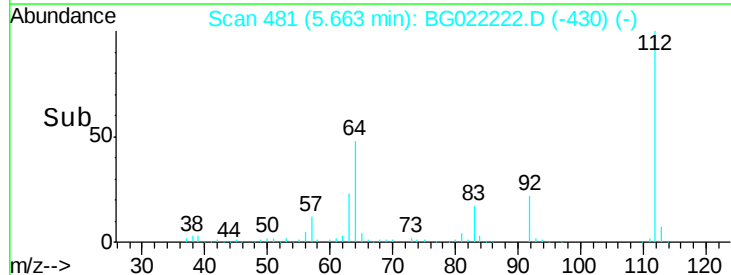
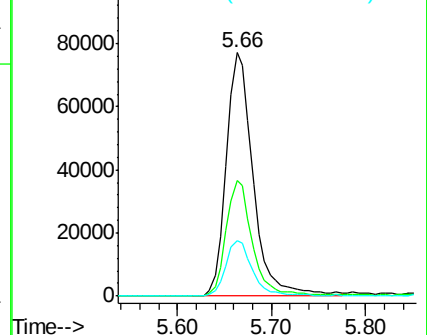
63 22.9 24.6 37.0#

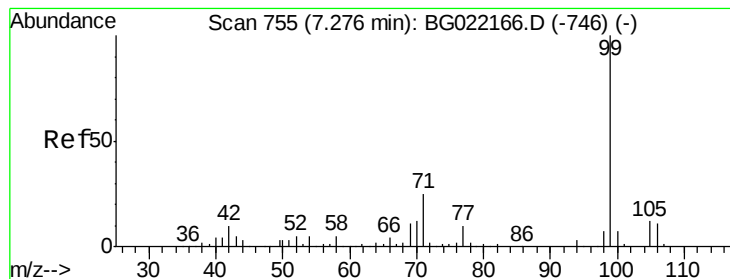


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.95 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022222.D

Acq: 8 Jun 2016 2:47

Instrument :

BNA_G

ClientSampleId :

CTM-5(7.5-10)

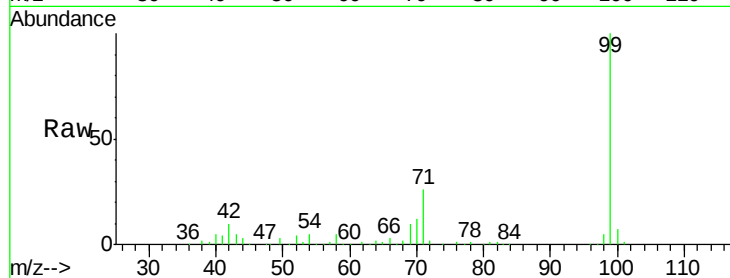
Tgt Ion: 99 Resp: 229351

Ion Ratio Lower Upper

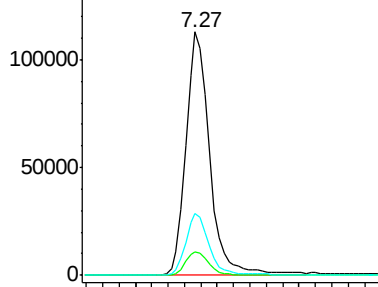
99 100

42 9.7 16.4 24.6#

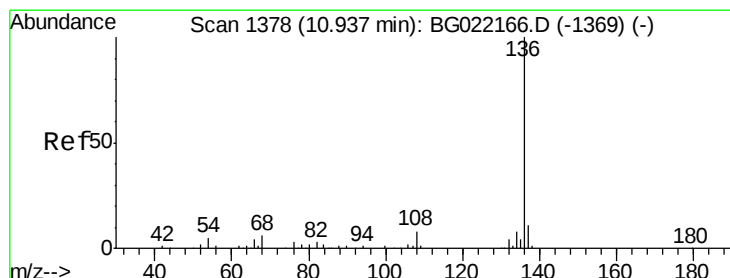
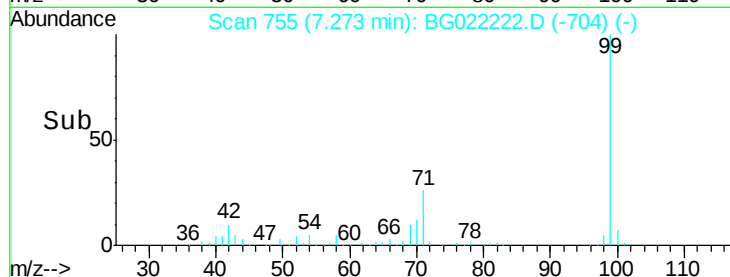
71 25.6 25.0 37.4



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BG022222.D

Acq: 8 Jun 2016 2:47

Tgt Ion: 136 Resp: 107860

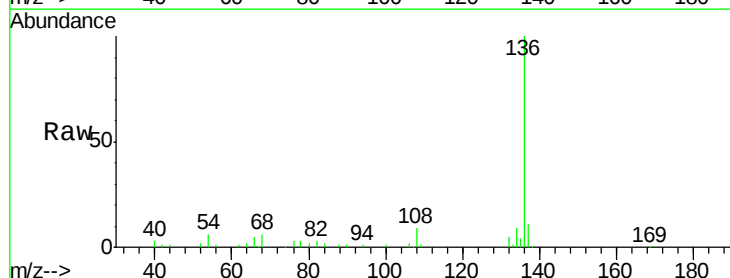
Ion Ratio Lower Upper

136 100

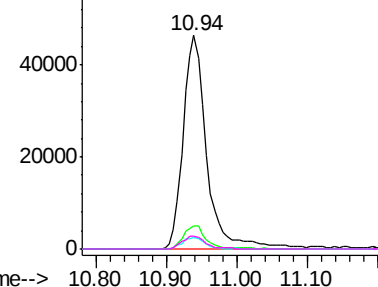
137 10.5 9.0 13.4

54 5.5 9.6 14.4#

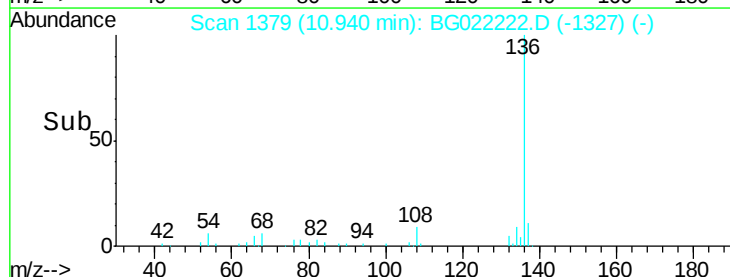
68 6.2 6.4 9.6#

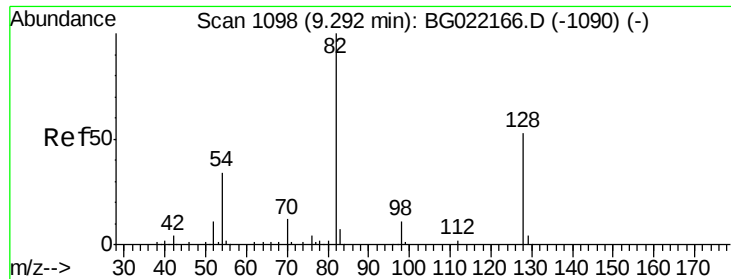


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

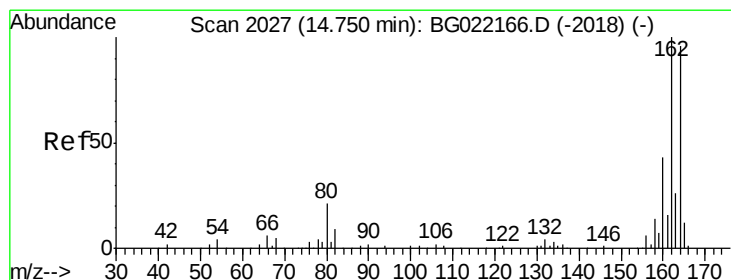
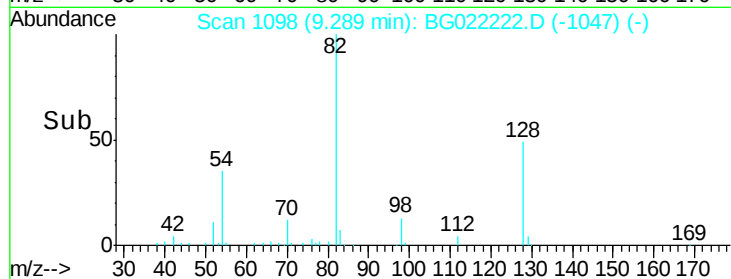
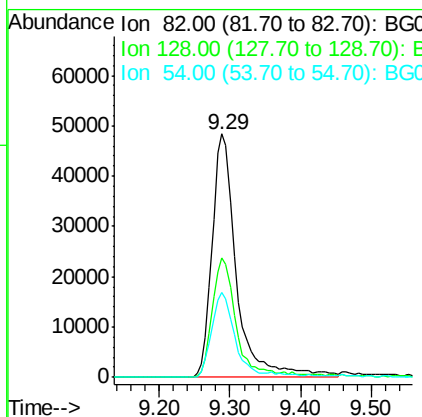
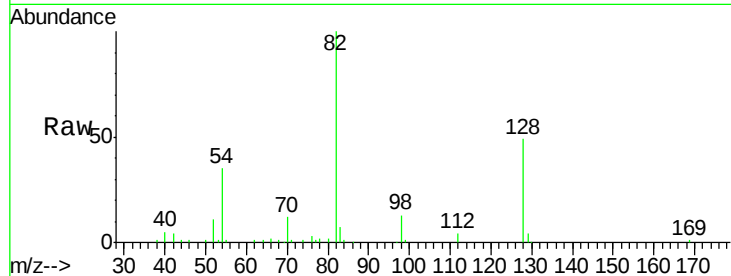




#23
 Nitrobenzene-d5
 Concen: 75.34 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022222.D
 Acq: 8 Jun 2016 2:47

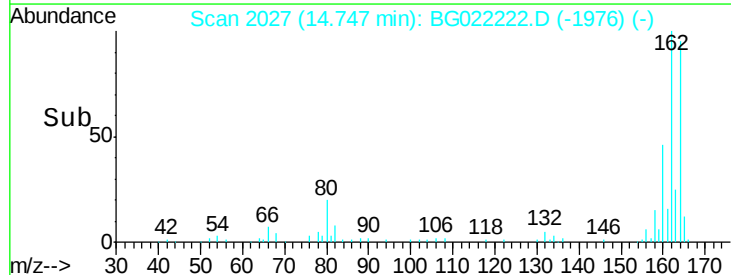
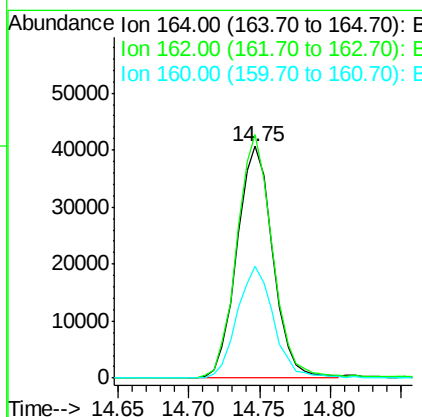
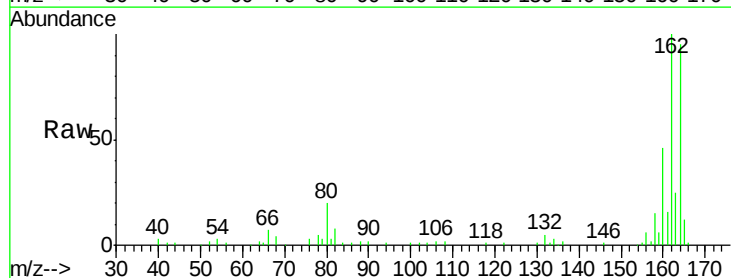
Instrument :
 BNA_G
 ClientSampleId :
 CTM-5(7.5-10)

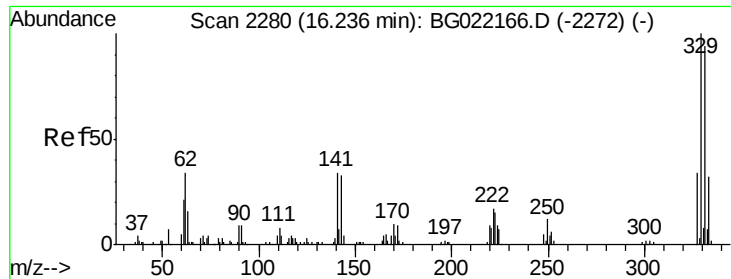
Tgt Ion: 82 Resp: 116551
 Ion Ratio Lower Upper
 82 100
 128 49.2 33.4 50.0
 54 35.0 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022222.D
 Acq: 8 Jun 2016 2:47

Tgt Ion: 164 Resp: 72475
 Ion Ratio Lower Upper
 164 100
 162 105.1 78.0 117.0
 160 48.0 32.9 49.3

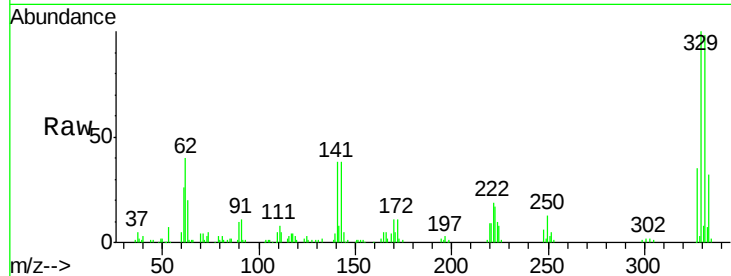




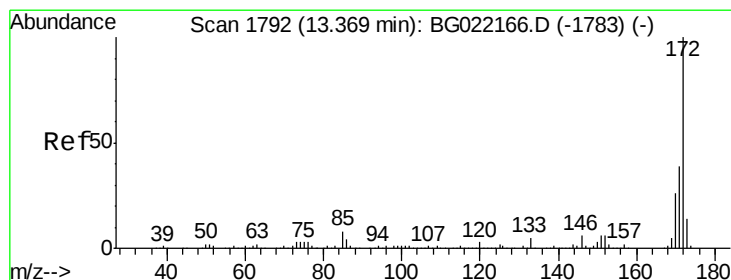
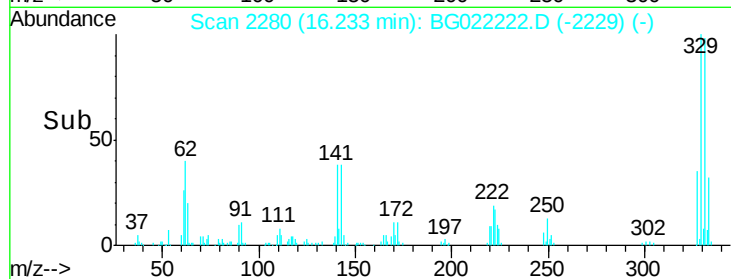
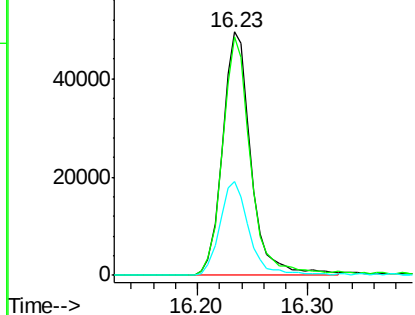
#41
 2,4,6-Tribromophenol
 Concen: 108.98 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022222.D
 Acq: 8 Jun 2016 2:47

Instrument :
 BNA_G
 ClientSampleId :
 CTM-5(7.5-10)

Tgt Ion:330 Resp: 89247
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.0 117.0
 141 39.8 33.8 50.8

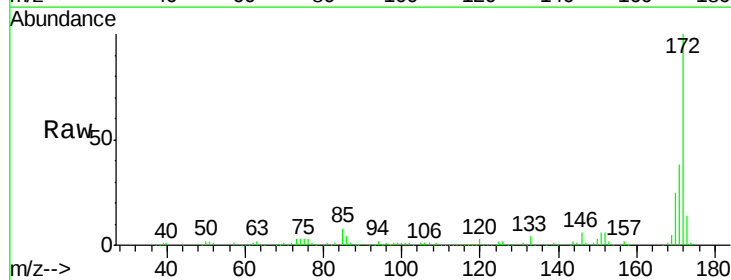


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

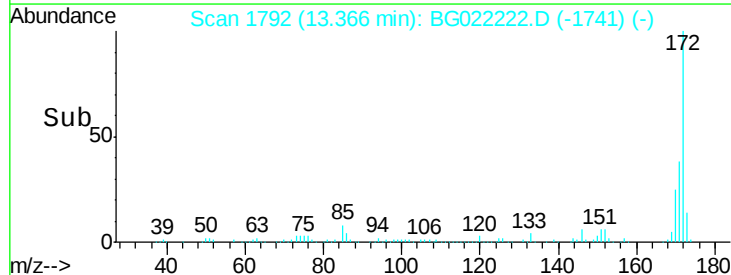
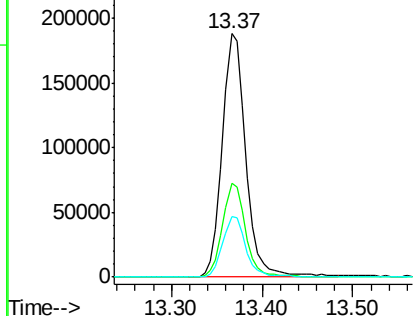


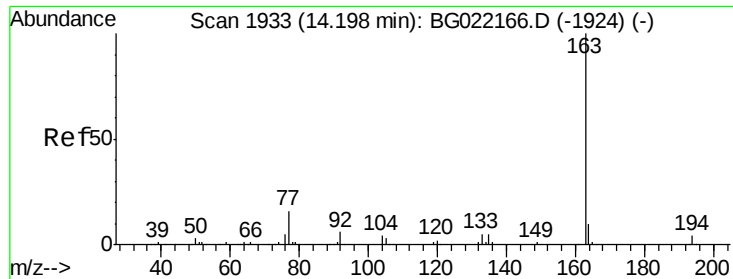
#44
 2-Fluorobiphenyl
 Concen: 71.55 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022222.D
 Acq: 8 Jun 2016 2:47

Tgt Ion:172 Resp: 340276
 Ion Ratio Lower Upper
 172 100
 171 38.5 27.8 41.6
 170 24.9 19.6 29.4



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





#49

Dimethylphthalate

Concen: 6.27 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG022222.D

Acq: 8 Jun 2016 2:47

Instrument :

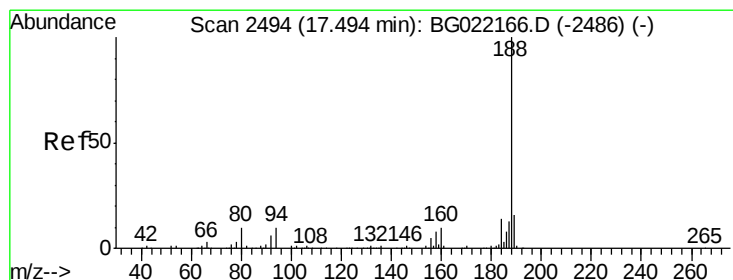
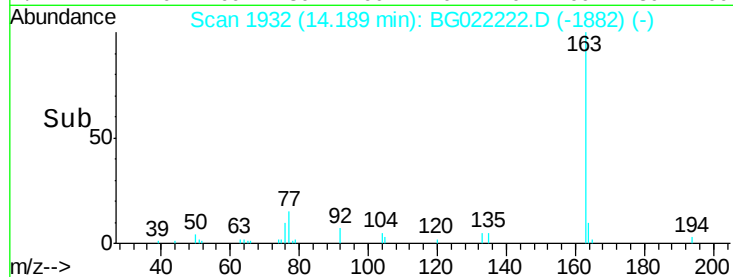
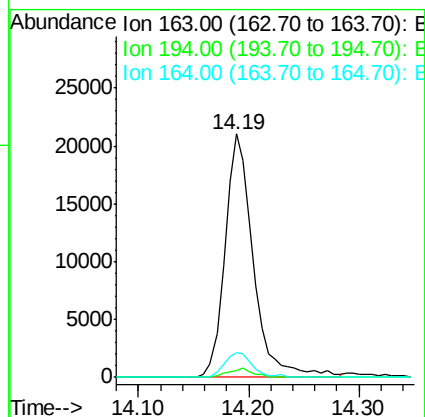
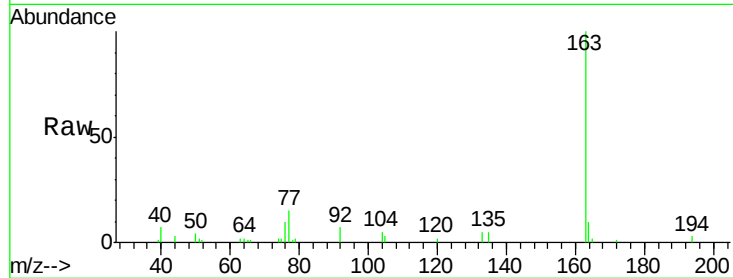
BNA_G

ClientSampleId :

CTM-5(7.5-10)

Tgt Ion:163 Resp: 37697

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.6#
164	10.3	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

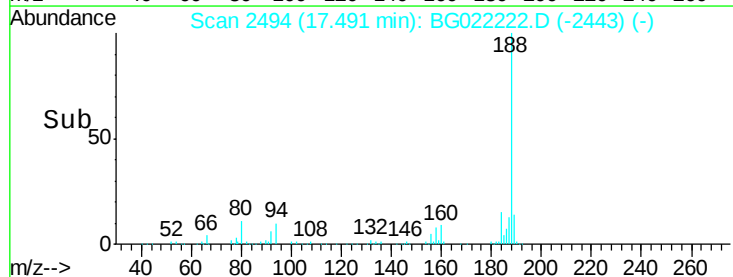
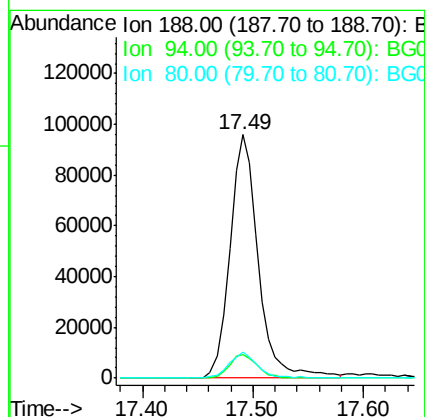
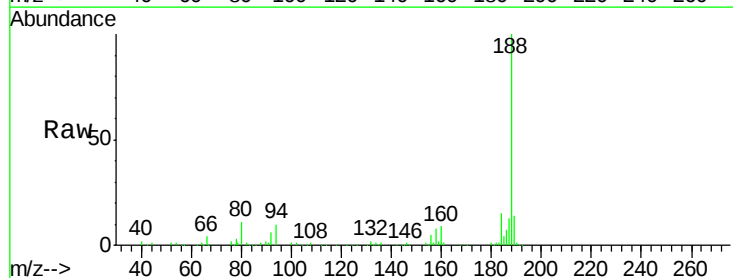
Delta R.T. -0.00 min

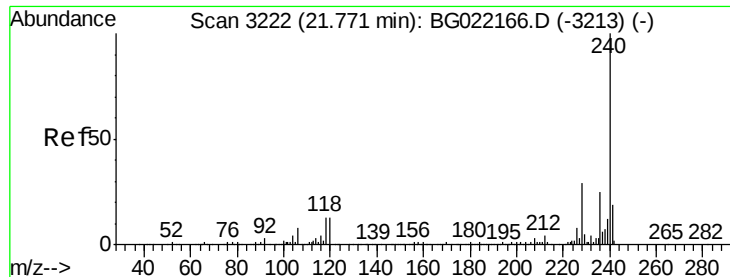
Lab File: BG022222.D

Acq: 8 Jun 2016 2:47

Tgt Ion:188 Resp: 171913

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	10.6	8.6	13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022222.D

Acq: 8 Jun 2016 2:47

Instrument :

BNA_G

ClientSampleId :

CTM-5(7.5-10)

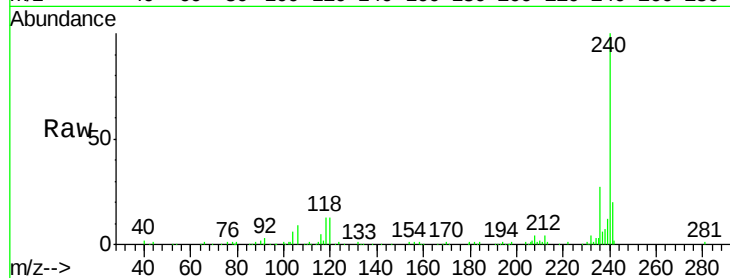
Tgt Ion:240 Resp: 169395

Ion Ratio Lower Upper

240 100

120 12.9 8.4 12.6#

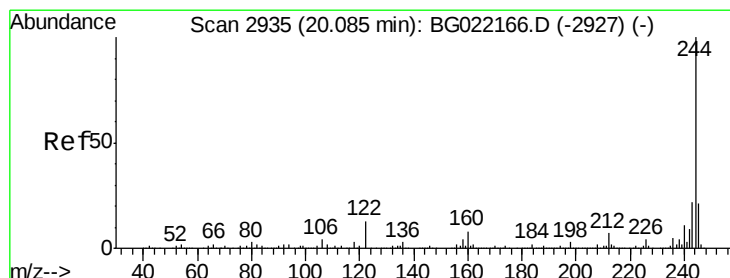
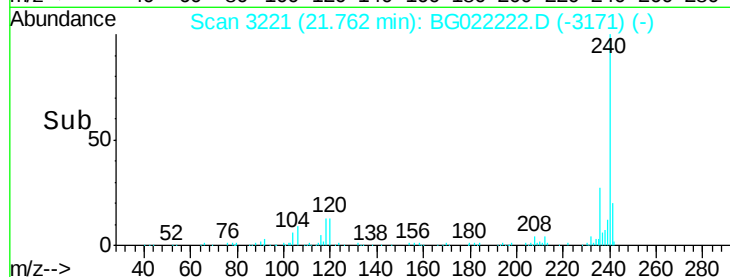
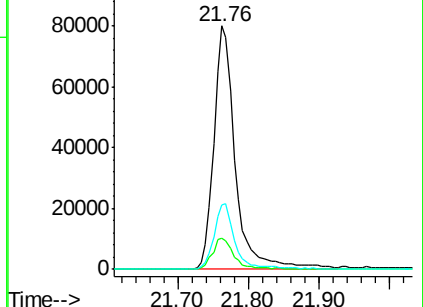
236 26.6 19.6 29.4



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: 77.35 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022222.D

Acq: 8 Jun 2016 2:47

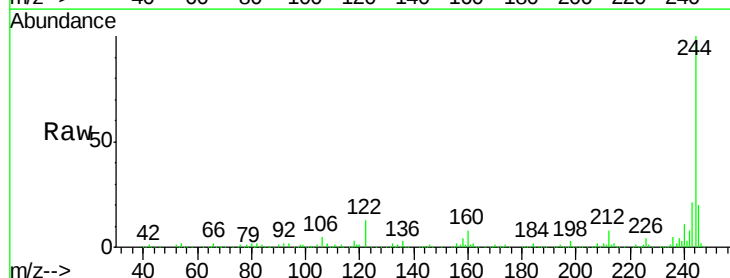
Tgt Ion:244 Resp: 551881

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

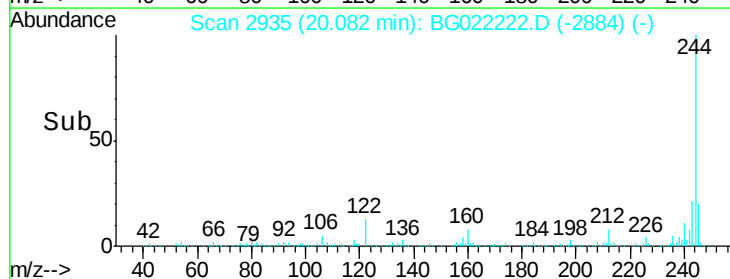
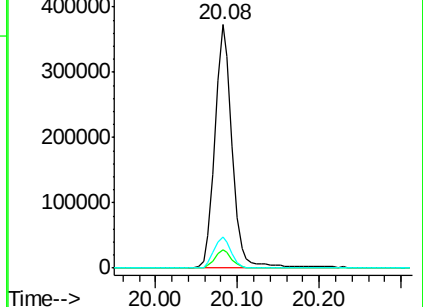
122 12.9 8.6 12.8#

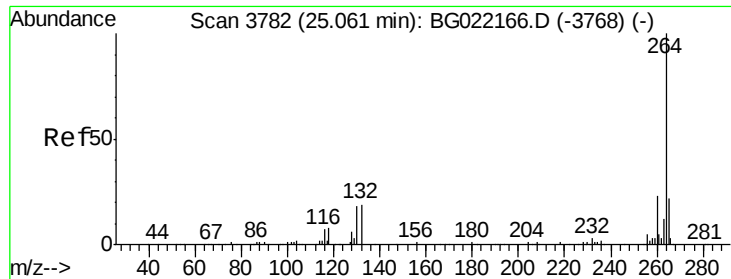


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. -0.00 min
Lab File: BG022222.D
Acq: 8 Jun 2016 2:47

Instrument :
BNA_G
ClientSampleId :
CTM-5(7.5-10)

Tgt Ion: 264 Resp: 159772
Ion Ratio Lower Upper
264 100
260 24.4 20.2 30.4
265 22.1 17.8 26.8

