

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022201.D
 Acq On : 7 Jun 2016 12:41
 Operator : UM/SJ
 Sample : H3424-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CTM-4(5-7.5)

Quant Time: Jun 07 15:20:00 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

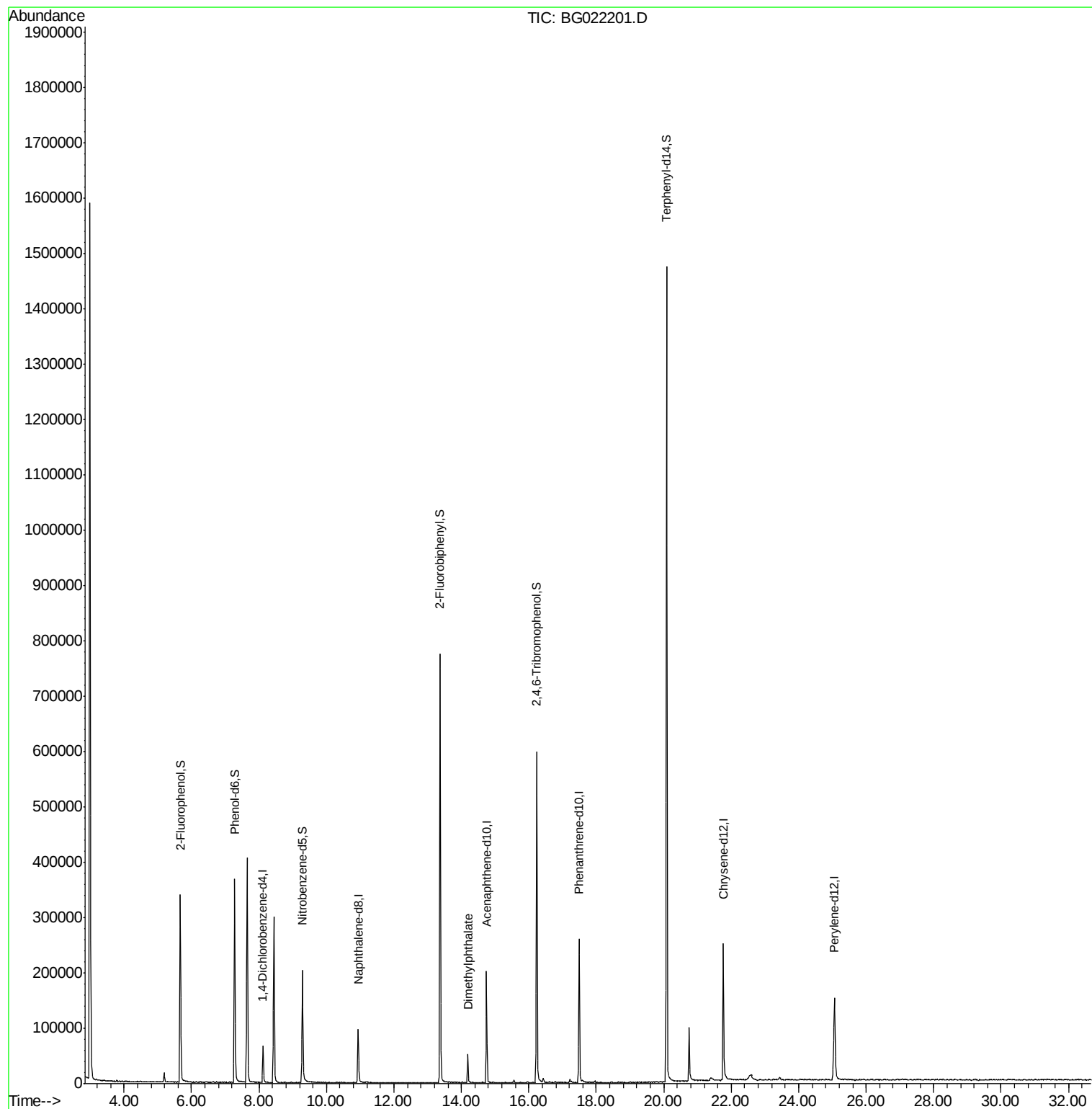
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	26295	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	121523	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	78594	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	189460	20.00	ng	0.00
75) Chrysene-d12	21.77	240	184356	20.00	ng	0.00
86) Perylene-d12	25.06	264	173455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	229987	169.11	ng	0.00
7) Phenol-d6	7.28	99	335195	156.76	ng	0.00
23) Nitrobenzene-d5	9.29	82	170338	97.72	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	140143	157.81	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	474733	92.05	ng	0.00
78) Terphenyl-d14	20.09	244	759849	97.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	47961	7.36	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: BG022201.D

Acq: 7 Jun 2016 12:41

Instrument :

BNA_G

ClientSampleId :

CTM-4(5-7.5)

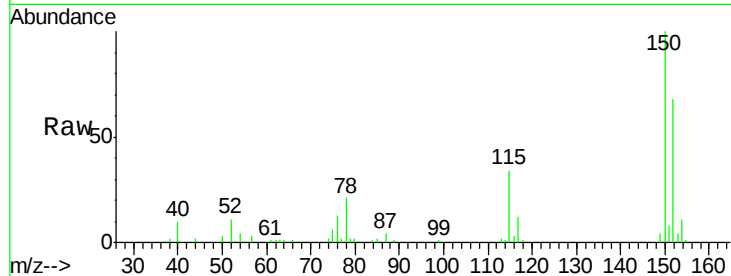
Tgt Ion:152 Resp: 26295

Ion Ratio Lower Upper

152 100

150 146.2 130.1 195.1

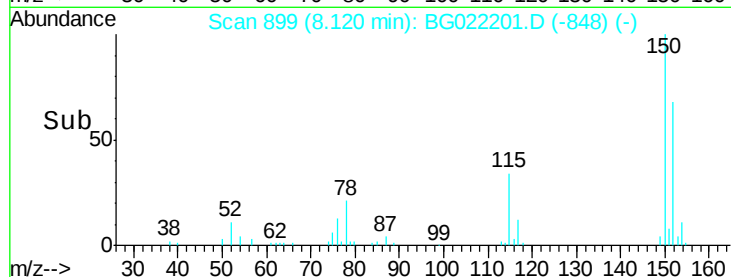
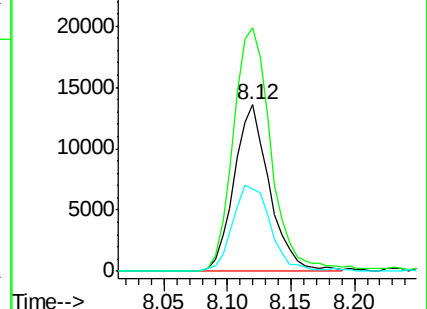
115 49.5 62.2 93.2#



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: 169.11 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022201.D

Acq: 7 Jun 2016 12:41

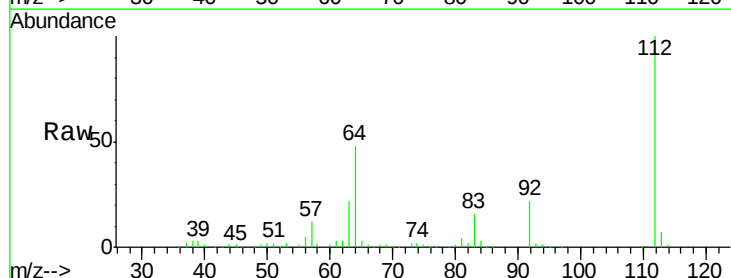
Tgt Ion:112 Resp: 229987

Ion Ratio Lower Upper

112 100

64 47.8 51.1 76.7#

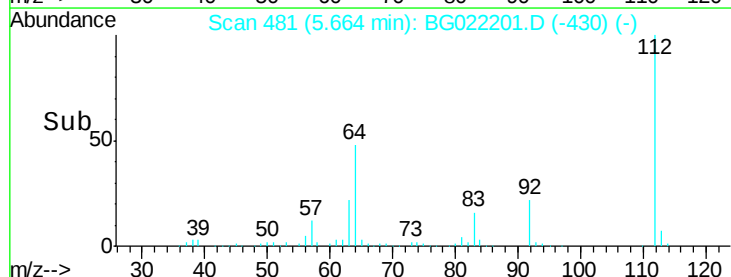
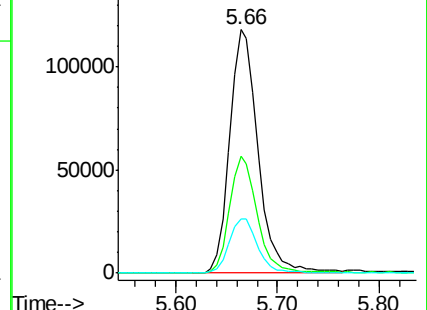
63 22.5 24.6 37.0#



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: 156.76 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022201.D

Acq: 7 Jun 2016 12:41

Instrument :

BNA_G

ClientSampleId :

CTM-4(5-7.5)

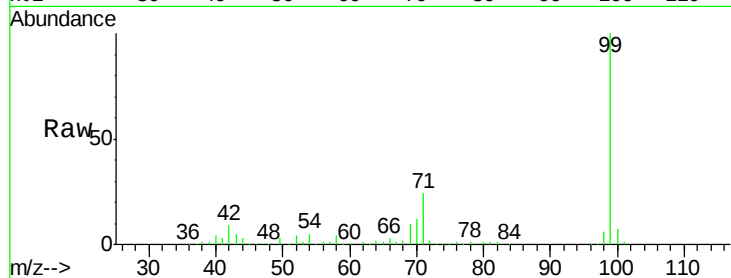
Tgt Ion: 99 Resp: 335195

Ion Ratio Lower Upper

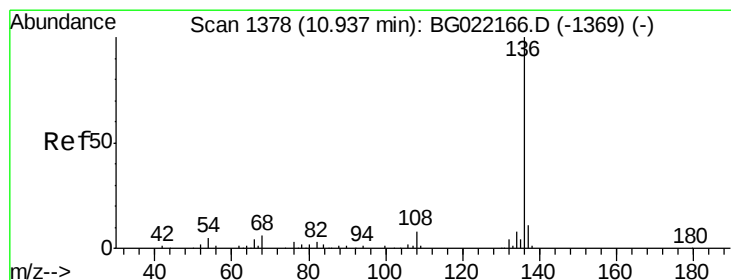
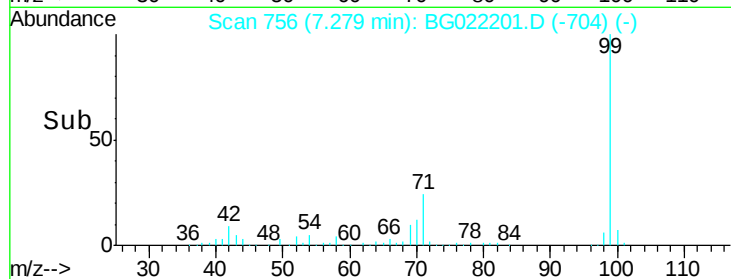
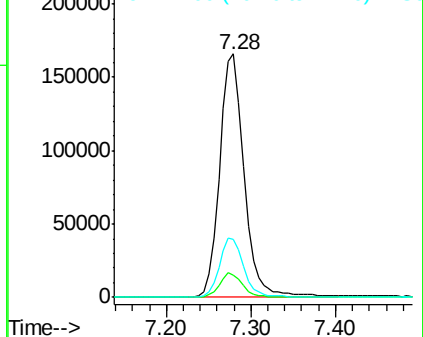
99 100

42 9.3 16.4 24.6#

71 23.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BG022201.D

Acq: 7 Jun 2016 12:41

Tgt Ion: 136 Resp: 121523

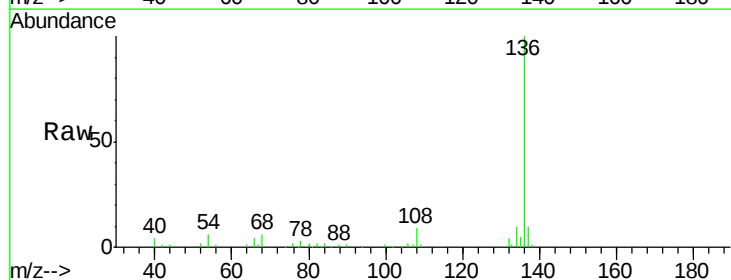
Ion Ratio Lower Upper

136 100

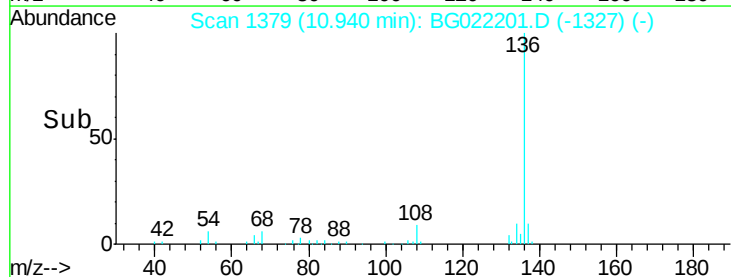
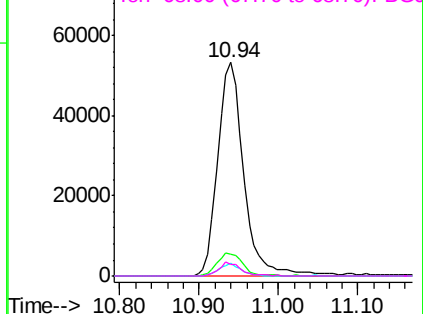
137 10.0 9.0 13.4

54 5.8 9.6 14.4#

68 5.7 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

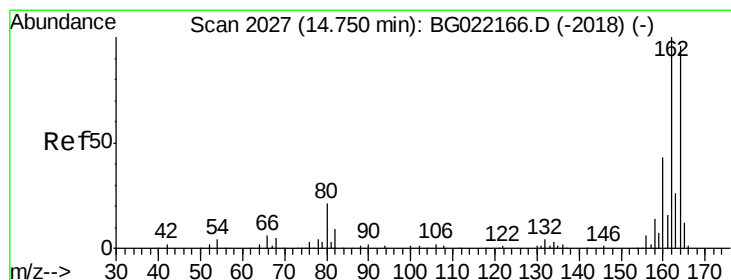
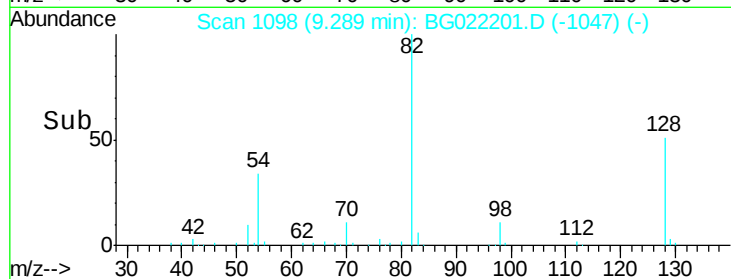
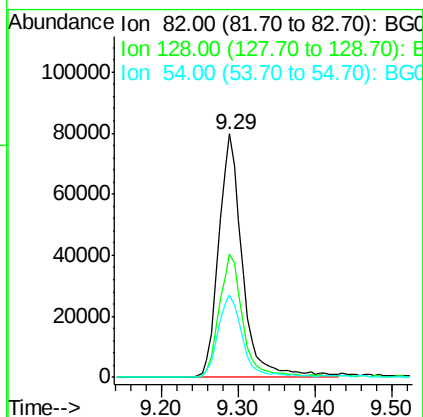
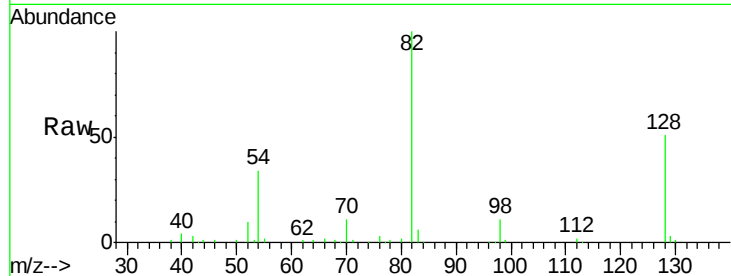




#23
Nitrobenzene-d5
Concen: 97.72 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022201.D
Acq: 7 Jun 2016 12:41

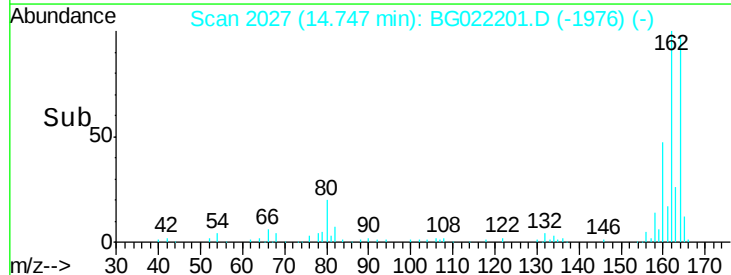
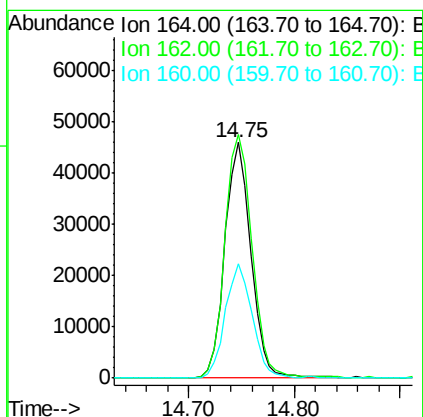
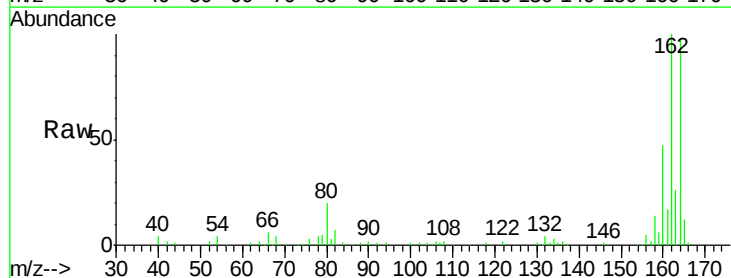
Instrument :
BNA_G
ClientSampleId :
CTM-4(5-7.5)

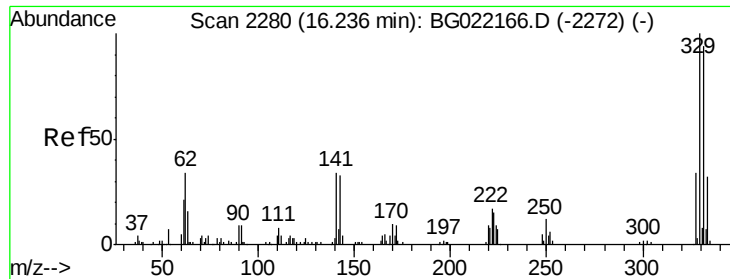
Tgt Ion: 82 Resp: 170338
Ion Ratio Lower Upper
82 100
128 50.6 33.4 50.0#
54 33.9 46.1 69.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022201.D
Acq: 7 Jun 2016 12:41

Tgt Ion: 164 Resp: 78594
Ion Ratio Lower Upper
164 100
162 103.4 78.0 117.0
160 48.6 32.9 49.3

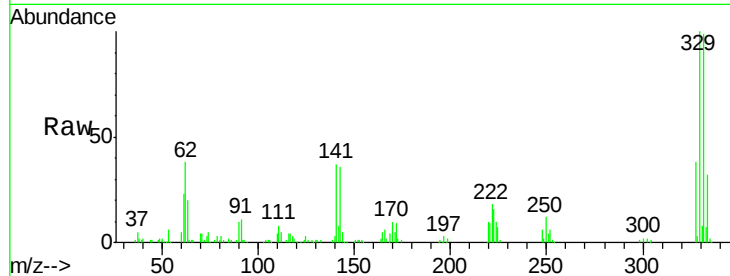




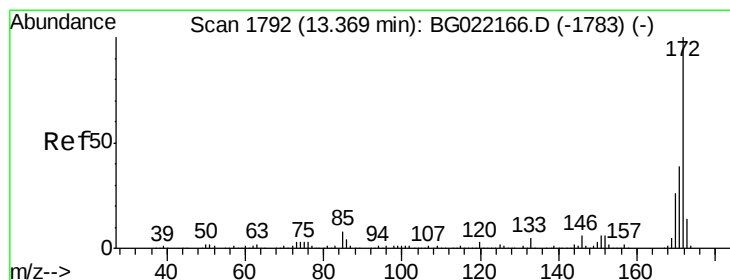
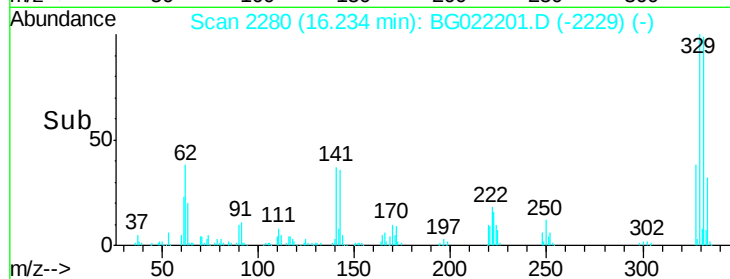
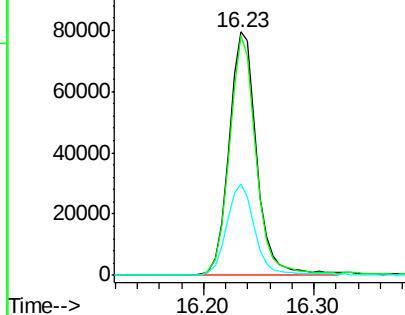
#41
 2,4,6-Tribromophenol
 Concen: 157.81 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022201.D
 Acq: 7 Jun 2016 12:41

Instrument :
 BNA_G
 ClientSampleId :
 CTM-4(5-7.5)

Tgt Ion:330 Resp: 140143
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.0 117.0
 141 37.9 33.8 50.8

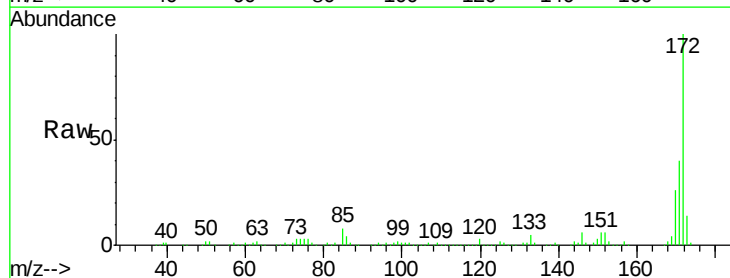


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

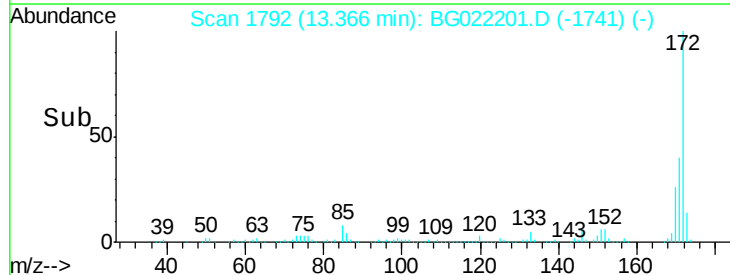
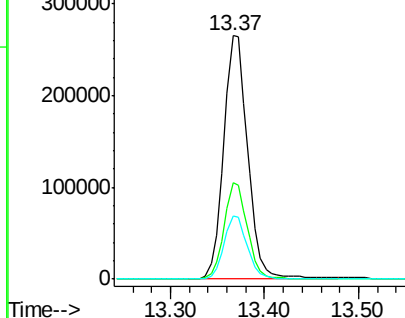


#44
 2-Fluorobiphenyl
 Concen: 92.05 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022201.D
 Acq: 7 Jun 2016 12:41

Tgt Ion:172 Resp: 474733
 Ion Ratio Lower Upper
 172 100
 171 39.5 27.8 41.6
 170 26.1 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: 7.36 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG022201.D

Acq: 7 Jun 2016 12:41

Instrument :

BNA_G

ClientSampleId :

CTM-4(5-7.5)

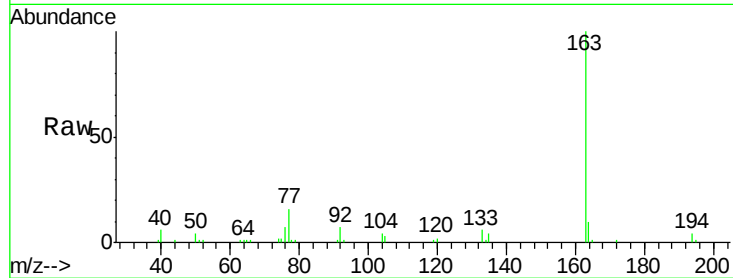
Tgt Ion:163 Resp: 47961

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

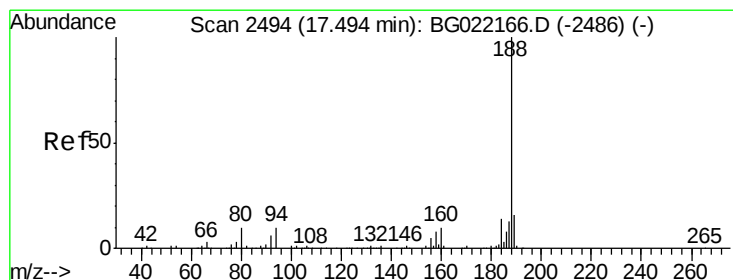
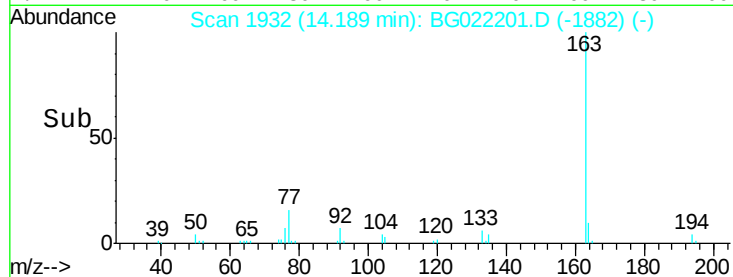
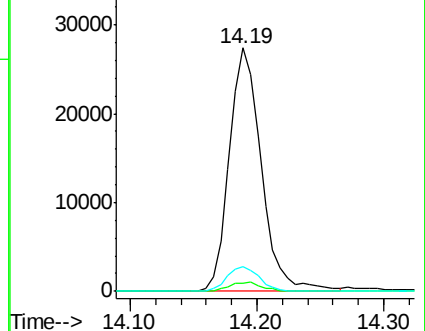
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022201.D

Acq: 7 Jun 2016 12:41

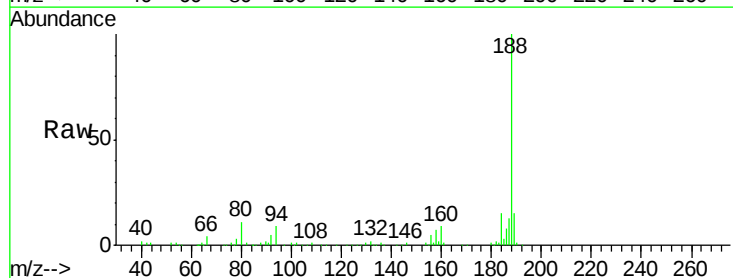
Tgt Ion:188 Resp: 189460

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

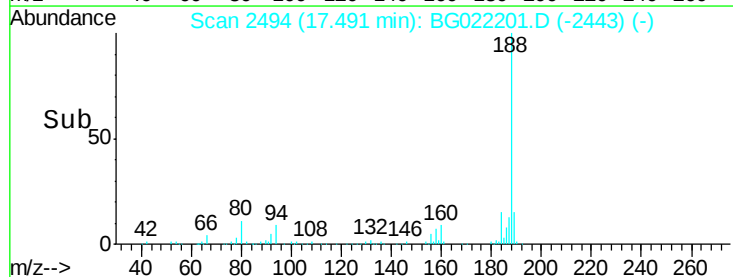
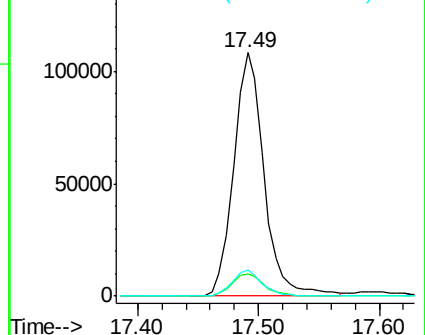
80 10.5 8.6 13.0



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: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022201.D

Acq: 7 Jun 2016 12:41

Instrument :

BNA_G

ClientSampleId :

CTM-4(5-7.5)

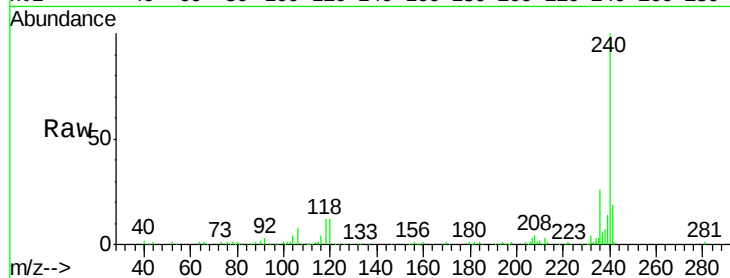
Tgt Ion:240 Resp: 184356

Ion Ratio Lower Upper

240 100

120 12.1 8.4 12.6

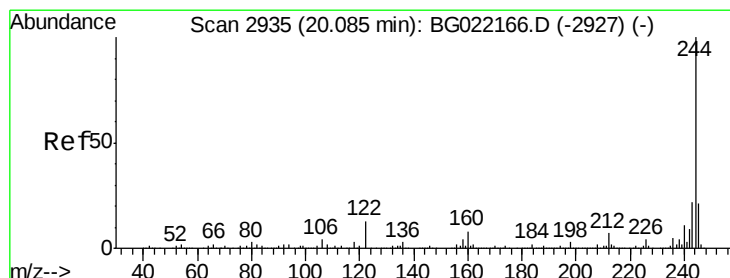
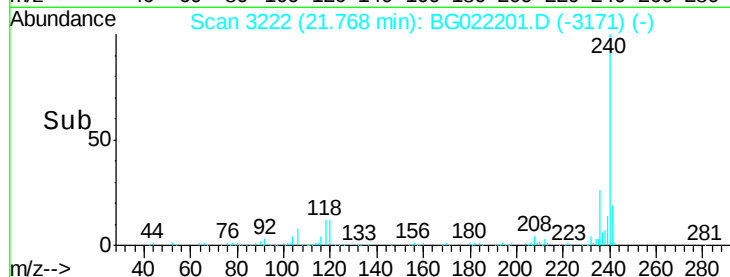
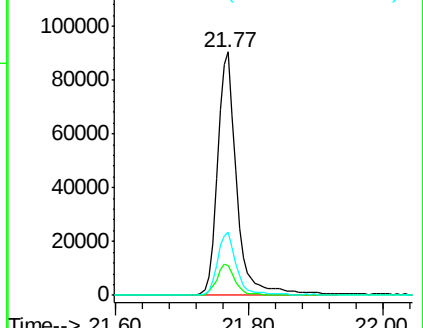
236 25.9 19.6 29.4



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: 97.85 ng

RT: 20.09 min Scan# 2936

Delta R.T. 0.00 min

Lab File: BG022201.D

Acq: 7 Jun 2016 12:41

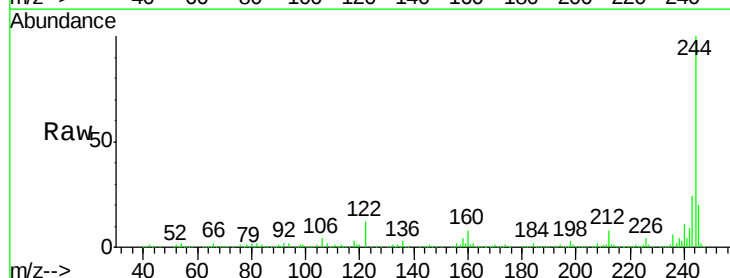
Tgt Ion:244 Resp: 759849

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

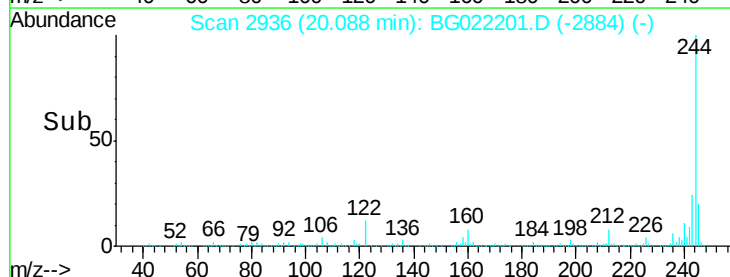
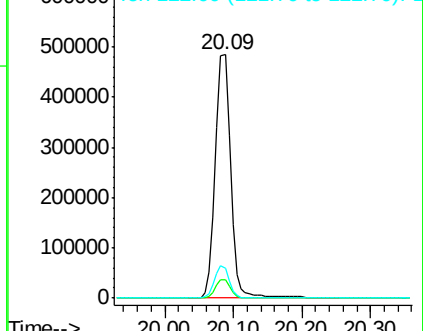
122 12.5 8.6 12.8

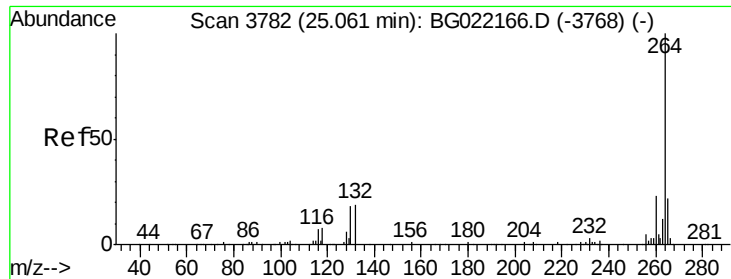


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

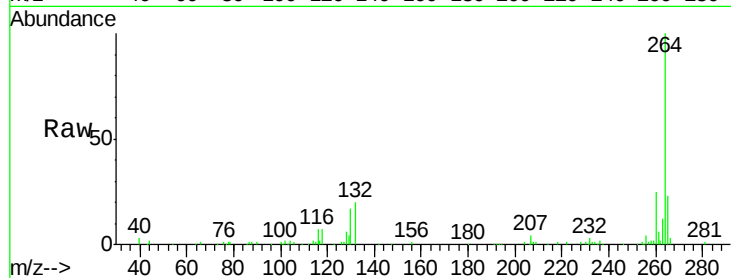




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. -0.00 min
Lab File: BG022201.D
Acq: 7 Jun 2016 12:41

Instrument :
BNA_G
ClientSampleId :
CTM-4(5-7.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	23.4	17.8	26.8



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

