

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022202.D
 Acq On : 7 Jun 2016 13:21
 Operator : UM/SJ
 Sample : H3424-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CTM-6(5-7.5)

Quant Time: Jun 07 15:20:10 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

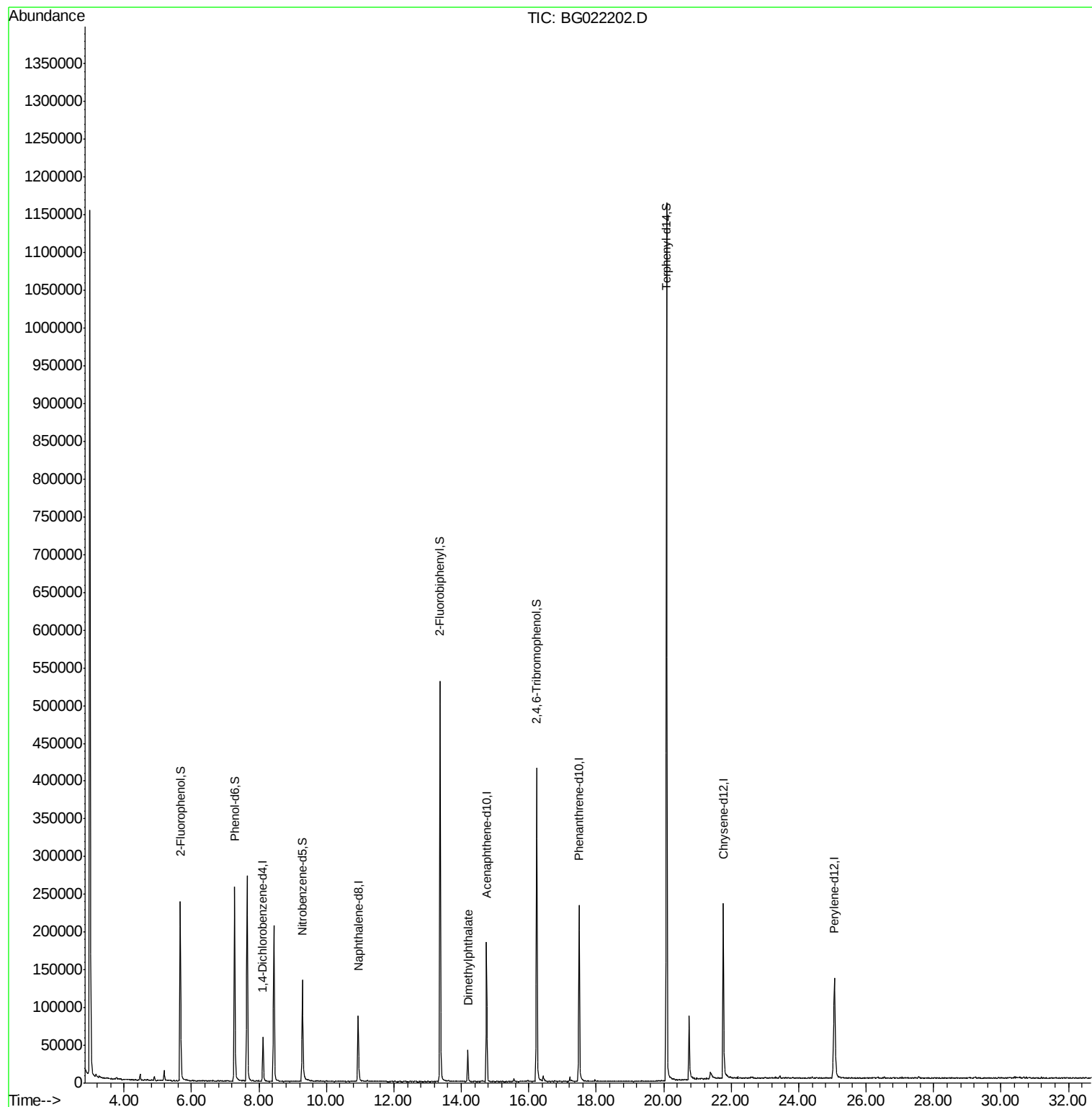
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	22955	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	107940	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	73503	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	175084	20.00	ng	0.00
75) Chrysene-d12	21.76	240	172521	20.00	ng	0.00
86) Perylene-d12	25.07	264	167246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	163957	138.10	ng	0.00
7) Phenol-d6	7.27	99	231970	124.27	ng	0.00
23) Nitrobenzene-d5	9.29	82	114858	74.19	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	95512	115.00	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	342846	71.08	ng	0.00
78) Terphenyl-d14	20.08	244	561296	77.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	38353	6.29	ng	Qvalue 98

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

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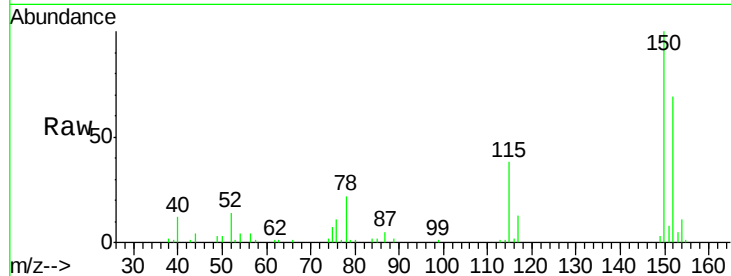


#1

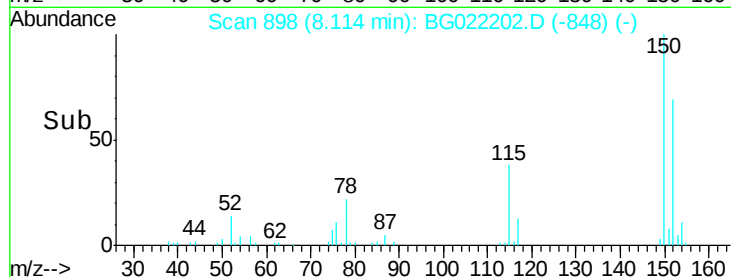
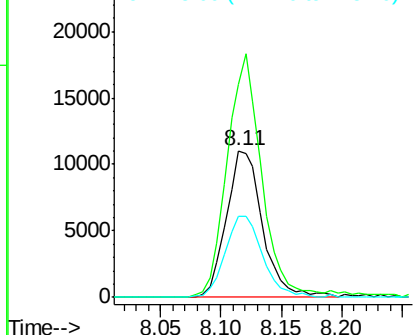
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022202.D
Acq: 7 Jun 2016 13:21

Instrument :
BNA_G
ClientSampleId :
CTM-6(5-7.5)

Tgt Ion:152 Resp: 22955
Ion Ratio Lower Upper
152 100
150 145.3 130.1 195.1
115 55.6 62.2 93.2#



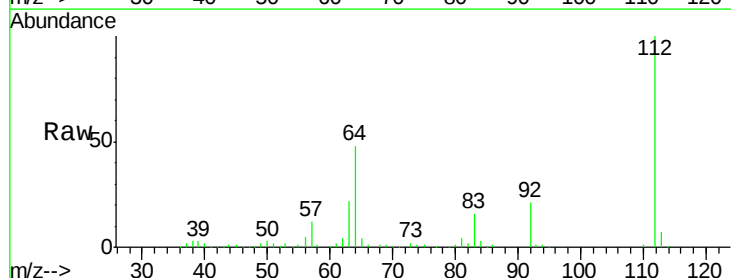
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



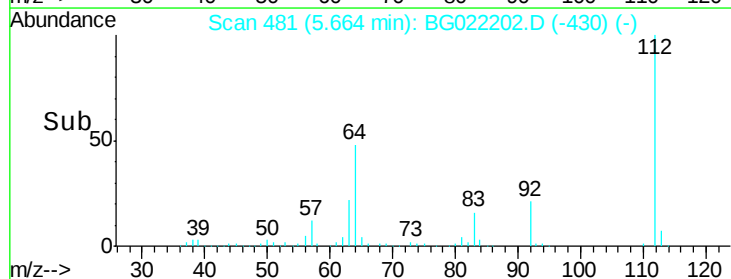
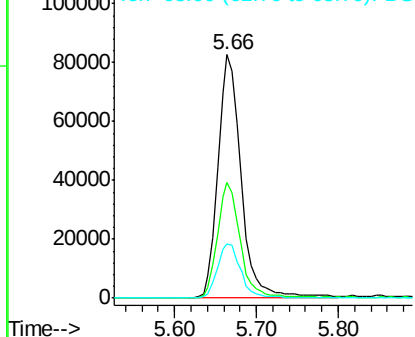
#5

2-Fluorophenol
Concen: 138.10 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG022202.D
Acq: 7 Jun 2016 13:21

Tgt Ion:112 Resp: 163957
Ion Ratio Lower Upper
112 100
64 47.7 51.1 76.7#
63 22.3 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: 124.27 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022202.D

Acq: 7 Jun 2016 13:21

Instrument :

BNA_G

ClientSampleId :

CTM-6(5-7.5)

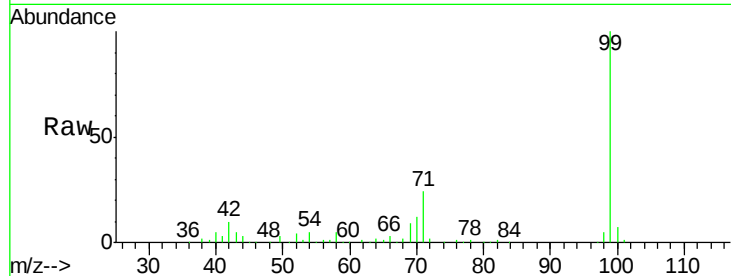
Tgt Ion: 99 Resp: 231970

Ion Ratio Lower Upper

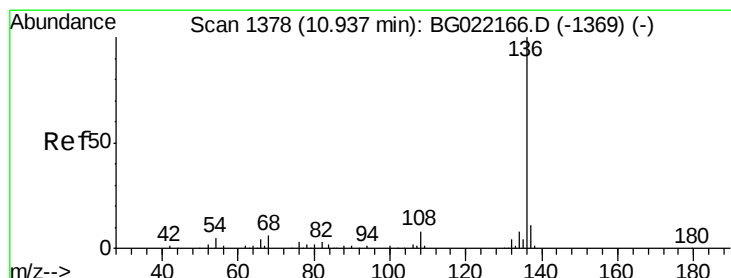
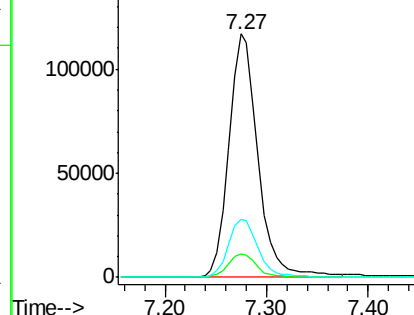
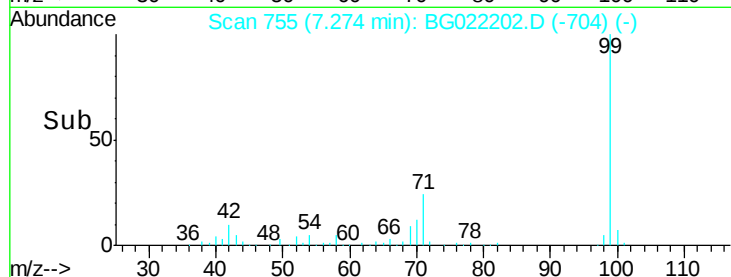
99 100

42 9.7 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: BG022202.D

Acq: 7 Jun 2016 13:21

Tgt Ion: 136 Resp: 107940

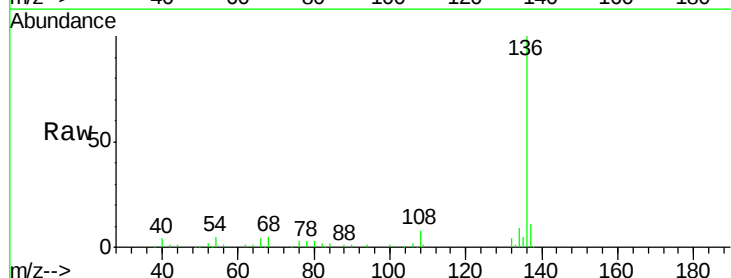
Ion Ratio Lower Upper

136 100

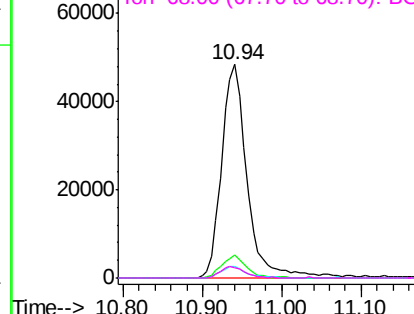
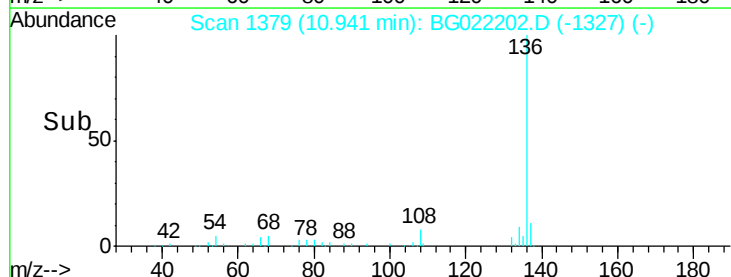
137 10.8 9.0 13.4

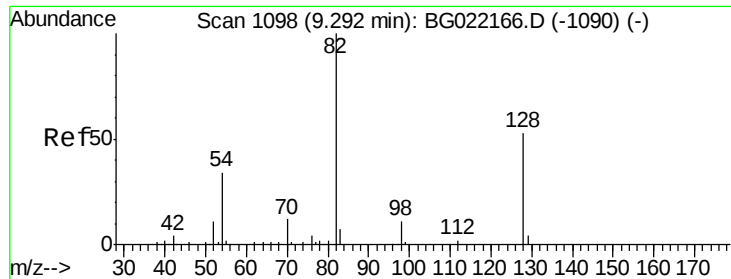
54 5.1 9.6 14.4#

68 4.5 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

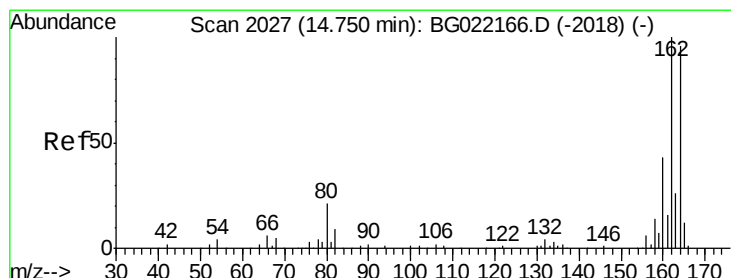
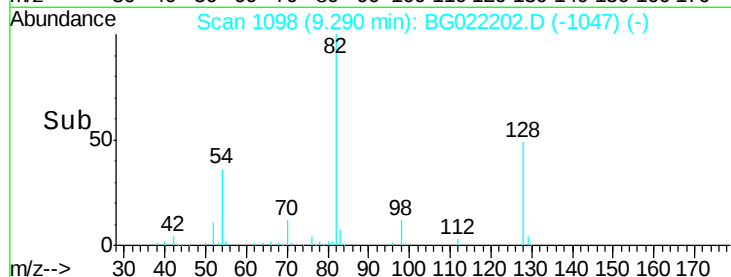
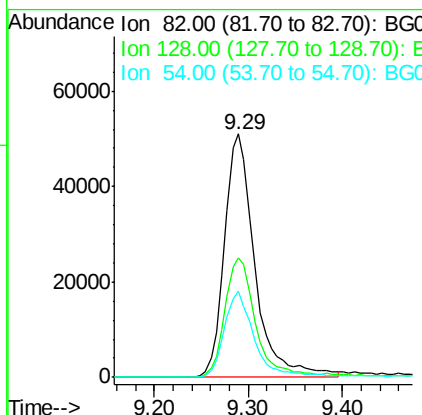
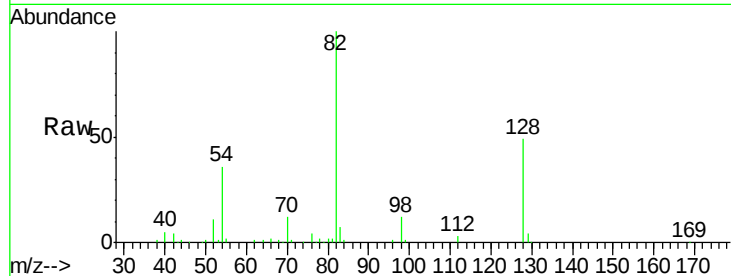




#23
 Nitrobenzene-d5
 Concen: 74.19 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022202.D
 Acq: 7 Jun 2016 13:21

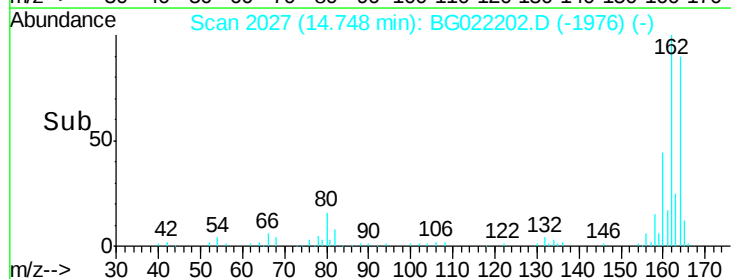
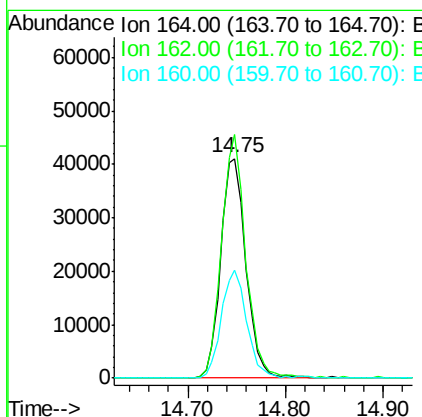
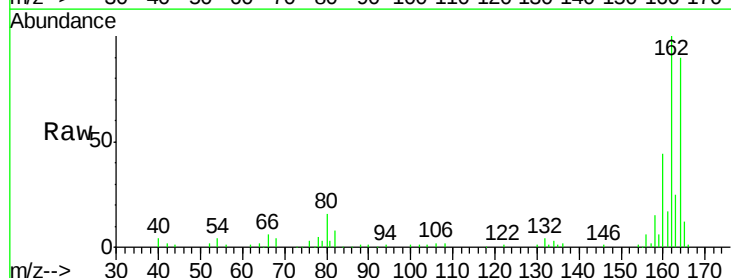
Instrument :
 BNA_G
 ClientSampleId :
 CTM-6(5-7.5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.1	33.4	50.0
54	35.6	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: BG022202.D
 Acq: 7 Jun 2016 13:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	111.0	78.0	117.0
160	49.3	32.9	49.3





#41

2,4,6-Tribromophenol

Concen: 115.00 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022202.D

Acq: 7 Jun 2016 13:21

Instrument :

BNA_G

ClientSampleId :

CTM-6(5-7.5)

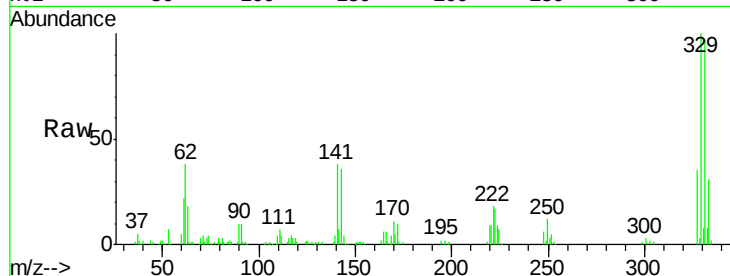
Tgt Ion:330 Resp: 95512

Ion Ratio Lower Upper

330 100

332 98.2 78.0 117.0

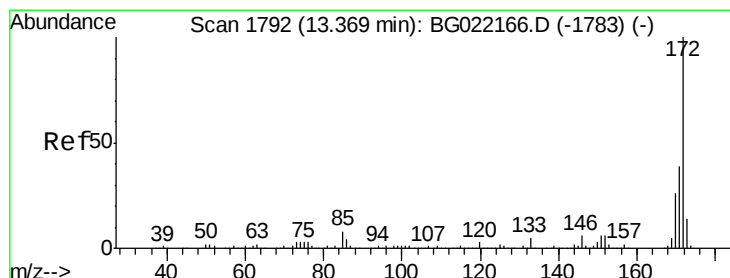
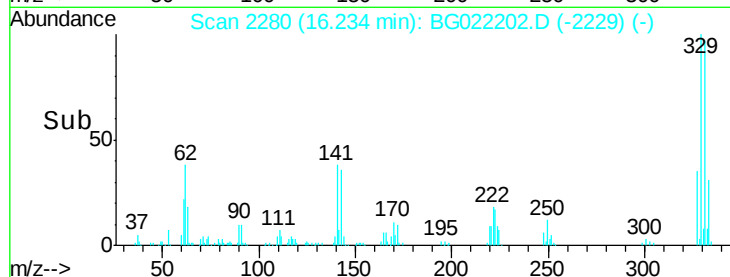
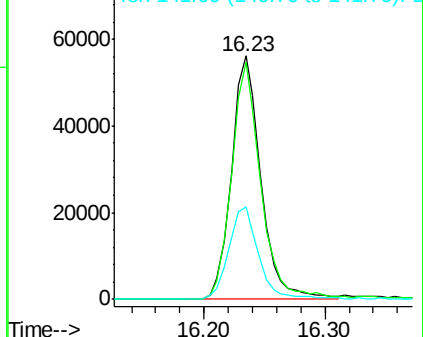
141 38.7 33.8 50.8



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: 71.08 ng

RT: 13.37 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG022202.D

Acq: 7 Jun 2016 13:21

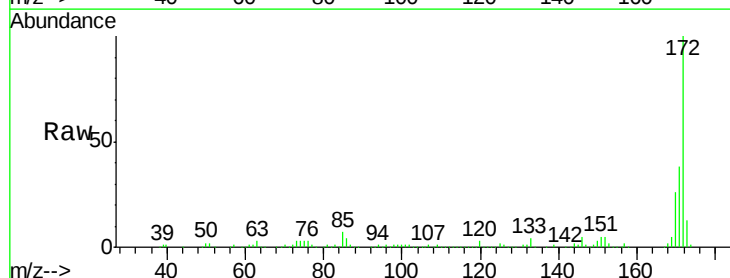
Tgt Ion:172 Resp: 342846

Ion Ratio Lower Upper

172 100

171 38.3 27.8 41.6

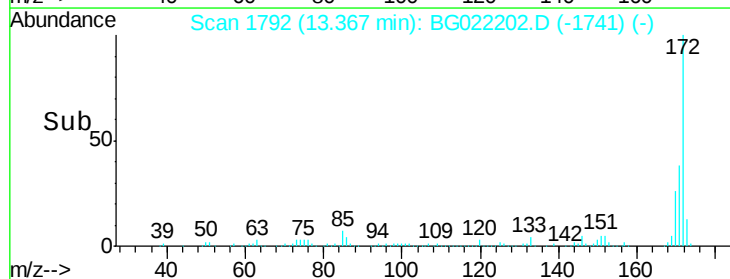
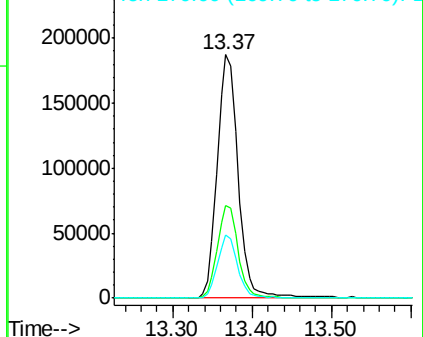
170 25.8 19.6 29.4



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

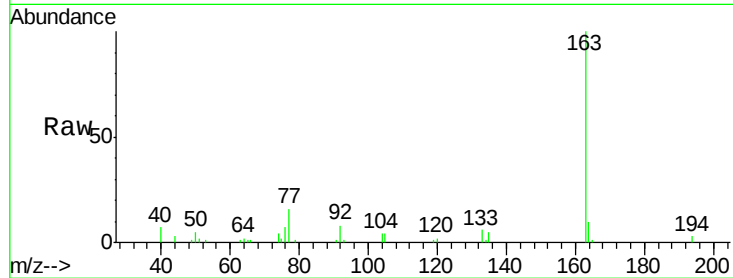




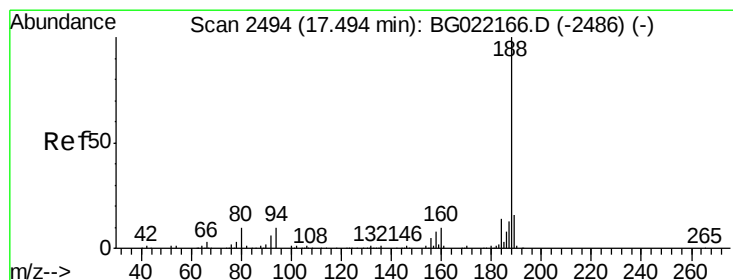
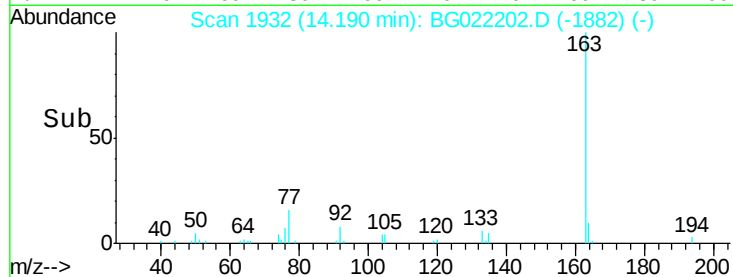
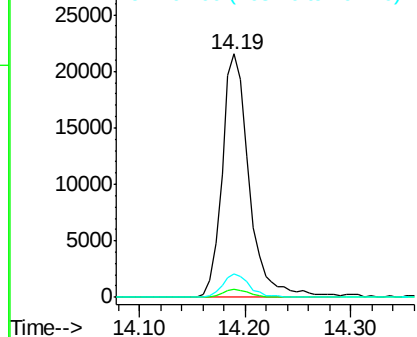
#49
Dimethylphthalate
Concen: 6.29 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG022202.D
Acq: 7 Jun 2016 13:21

Instrument :
BNA_G
ClientSampleId :
CTM-6(5-7.5)

Tgt Ion:163 Resp: 38353
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.6
164 9.6 8.1 12.1

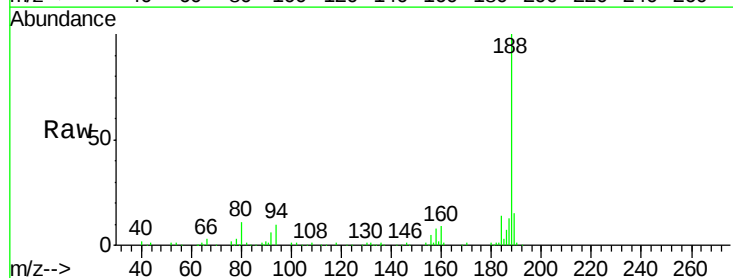


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

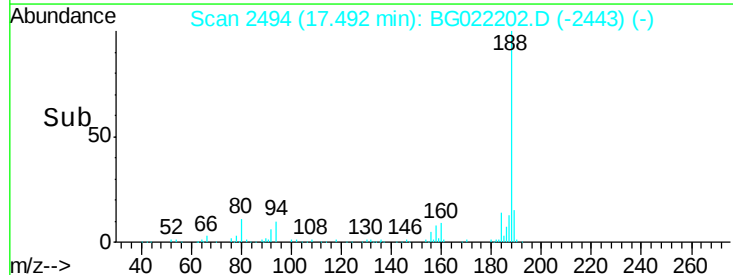
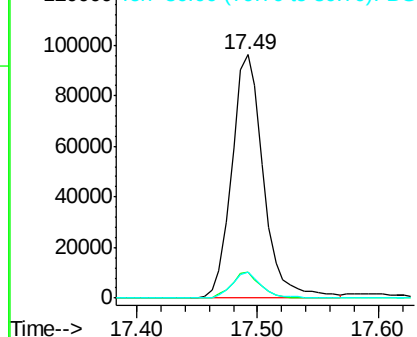


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022202.D
Acq: 7 Jun 2016 13:21

Tgt Ion:188 Resp: 175084
Ion Ratio Lower Upper
188 100
94 10.5 7.5 11.3
80 10.6 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: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022202.D

Acq: 7 Jun 2016 13:21

Instrument :

BNA_G

ClientSampleId :

CTM-6(5-7.5)

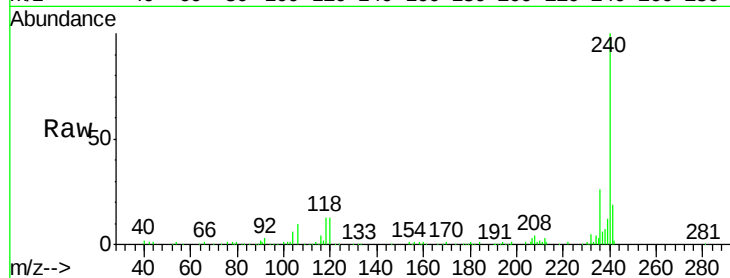
Tgt Ion:240 Resp: 172521

Ion Ratio Lower Upper

240 100

120 13.2 8.4 12.6#

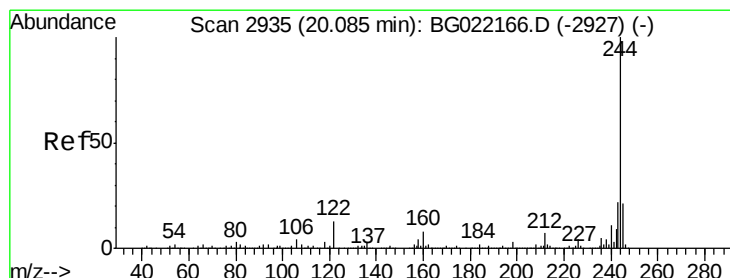
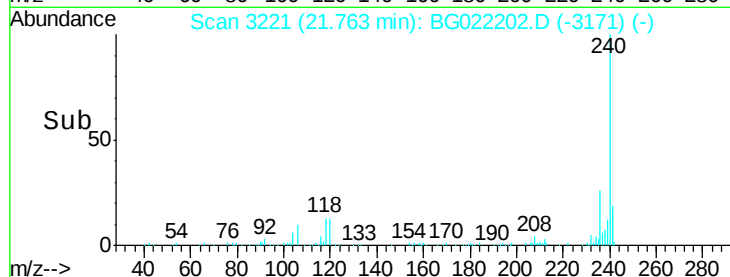
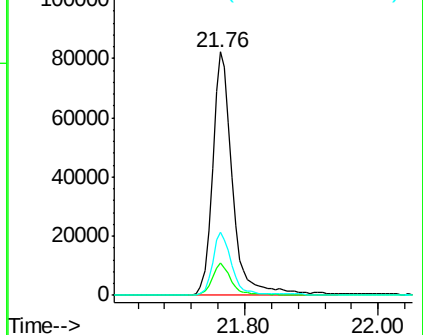
236 26.2 19.6 29.4



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: 77.24 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022202.D

Acq: 7 Jun 2016 13:21

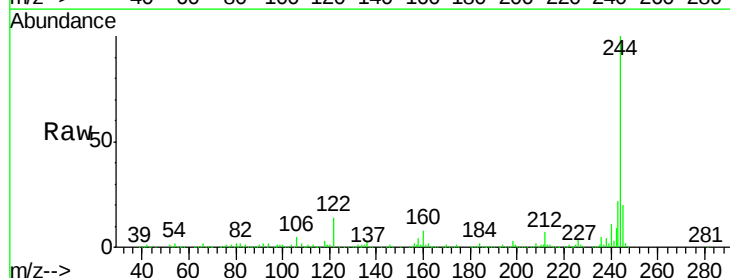
Tgt Ion:244 Resp: 561296

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

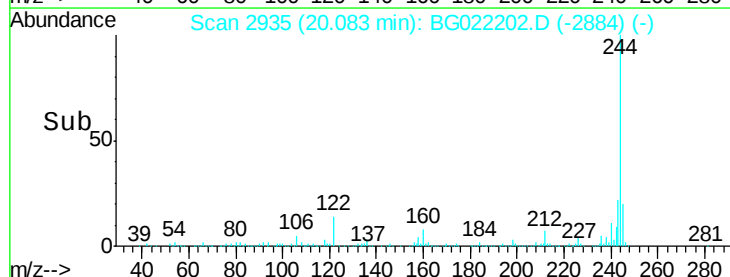
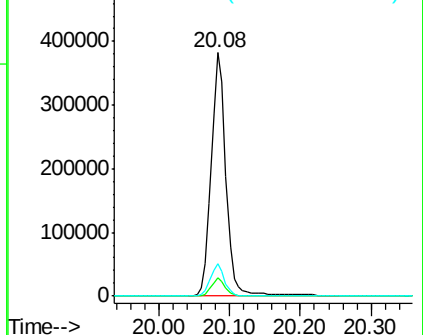
122 13.5 8.6 12.8#

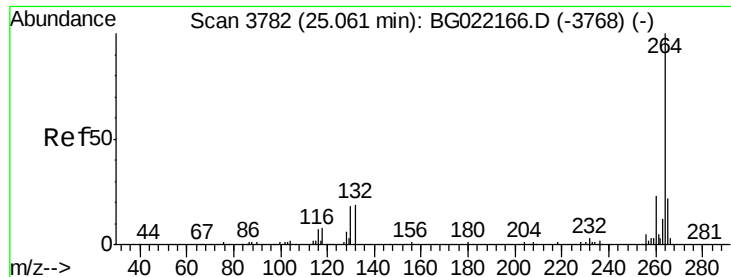


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

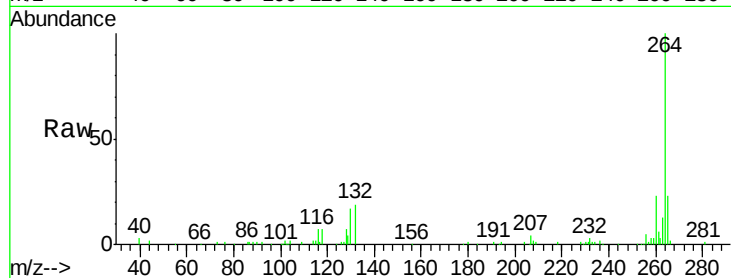




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3783
Delta R.T. 0.00 min
Lab File: BG022202.D
Acq: 7 Jun 2016 13:21

Instrument :
BNA_G
ClientSampleId :
CTM-6(5-7.5)

Tgt Ion:264 Resp: 167246
Ion Ratio Lower Upper
264 100
260 22.7 20.2 30.4
265 22.5 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

