

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022426.D
 Acq On : 18 Jun 2016 16:39
 Operator : UM/SJ
 Sample : H3607-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-23D

Quant Time: Jun 20 01:22:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

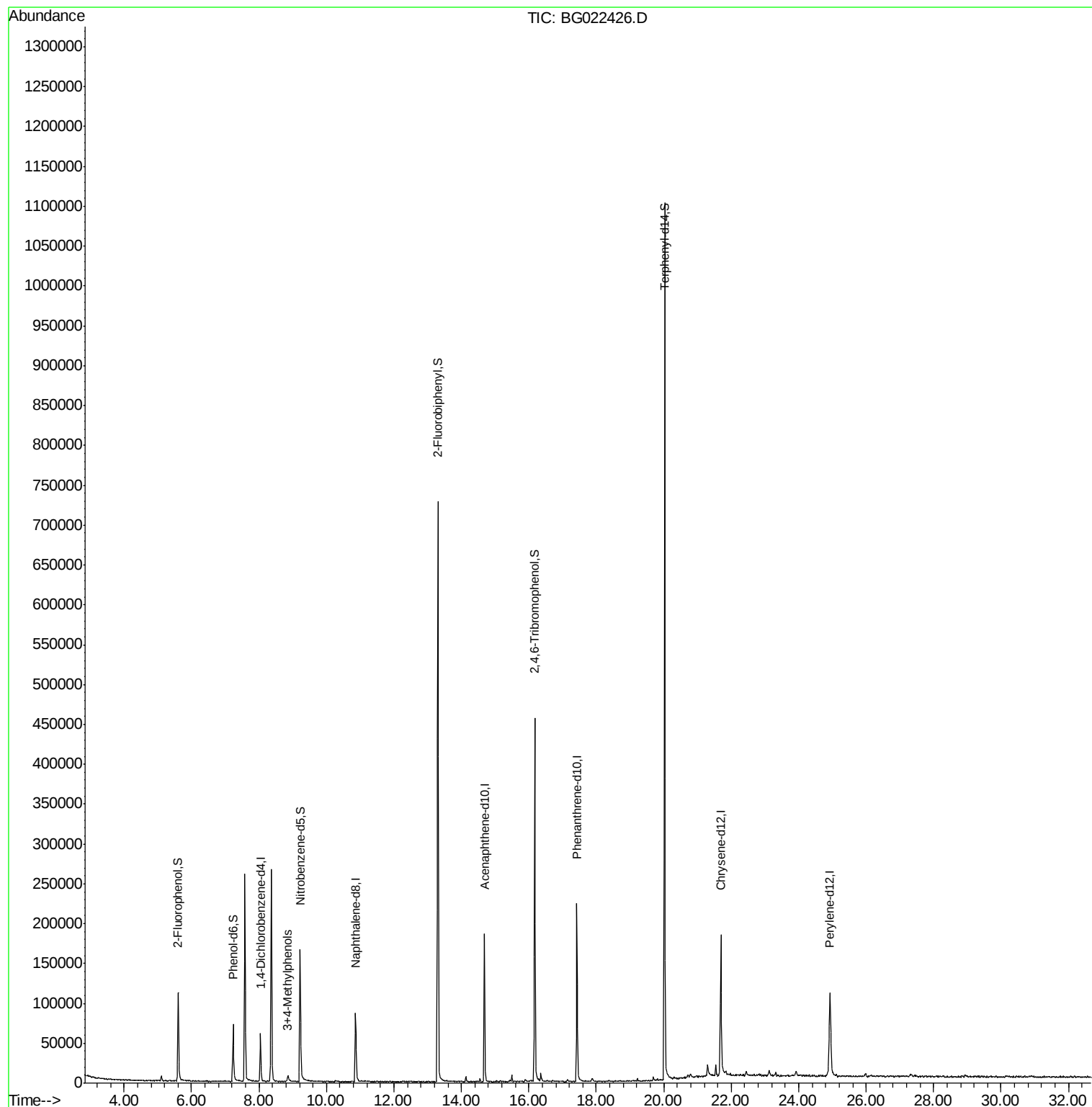
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	21833	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	106633	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	73575	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	157913	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	134457	20.00	ng	-0.05
86) Perylene-d12	24.92	264	122181	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	81349	72.04	ng	-0.03
7) Phenol-d6	7.23	99	72405	40.78	ng	-0.02
23) Nitrobenzene-d5	9.22	82	145888	95.38	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	94666	113.87	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	438725	90.87	ng	-0.04
78) Terphenyl-d14	20.02	244	521670	92.11	ng	-0.04
Target Compounds						
20) 3+4-Methylphenols	8.85	107	10411	5.31	ng	Qvalue 91

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

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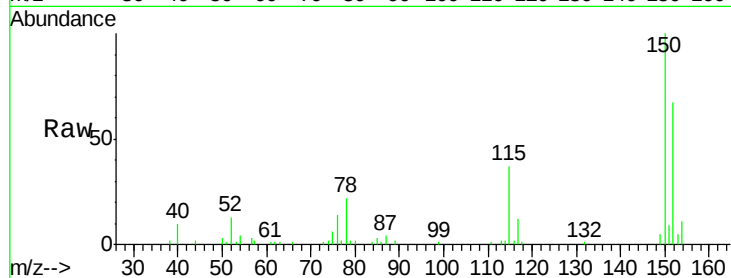


#1

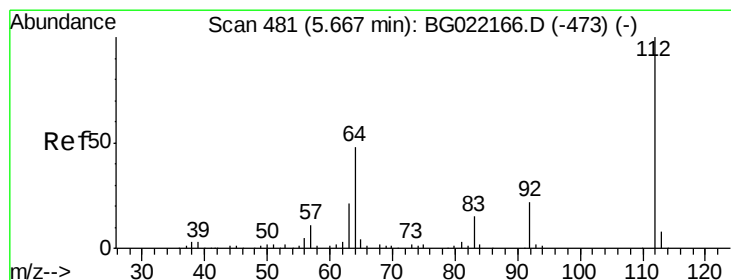
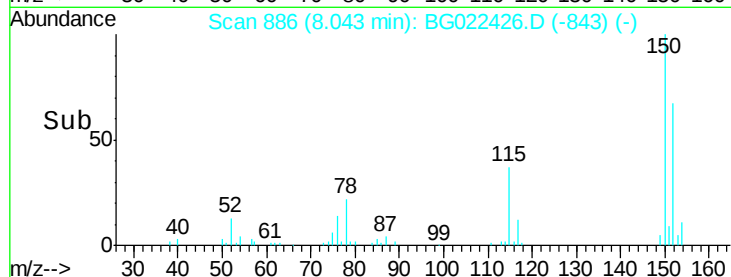
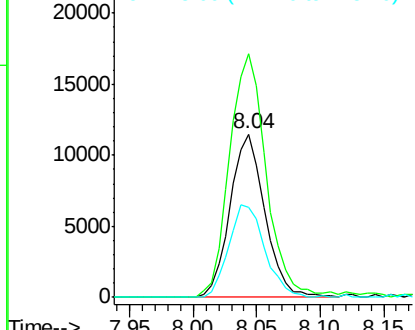
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. -0.05 min
Lab File: BG022426.D
Acq: 18 Jun 2016 16:39

Instrument :
BNA_G
ClientSampleId :
TE-MW-2-23D

Tot Ion:152 Resp: 21833
Ion Ratio Lower Upper
152 100
150 149.4 130.1 195.1
115 55.1 62.2 93.2#



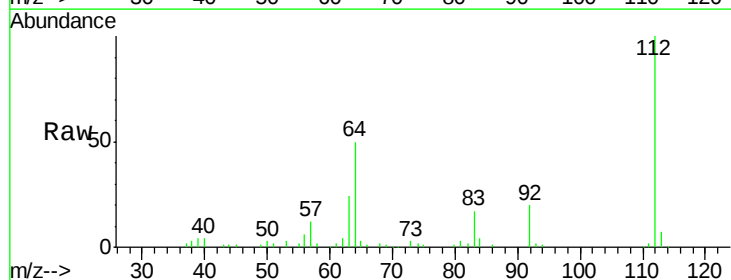
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



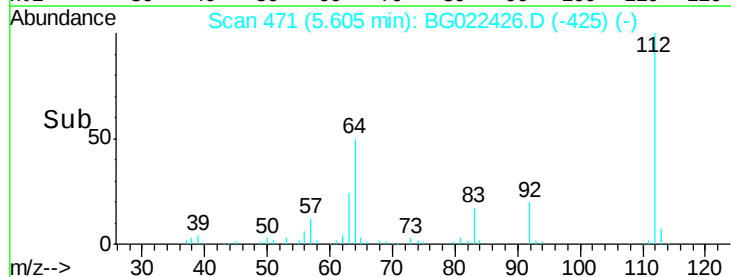
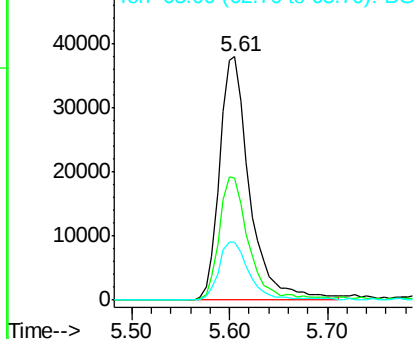
#5

2-Fluorophenol
Concen: 72.04 ng
RT: 5.61 min Scan# 471
Delta R.T. -0.03 min
Lab File: BG022426.D
Acq: 18 Jun 2016 16:39

Tgt Ion:112 Resp: 81349
Ion Ratio Lower Upper
112 100
64 50.0 51.1 76.7#
63 23.8 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: 40.78 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022426.D

Acq: 18 Jun 2016 16:39

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-23D

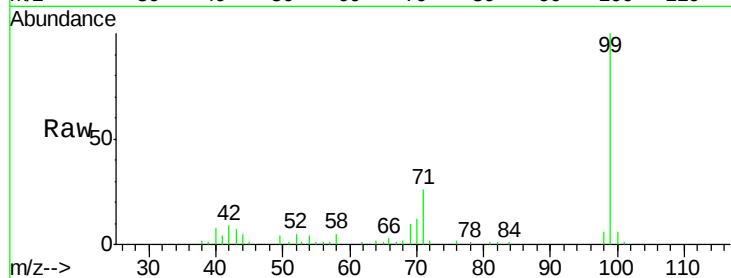
Tot Ion: 99 Resp: 72405

Ion Ratio Lower Upper

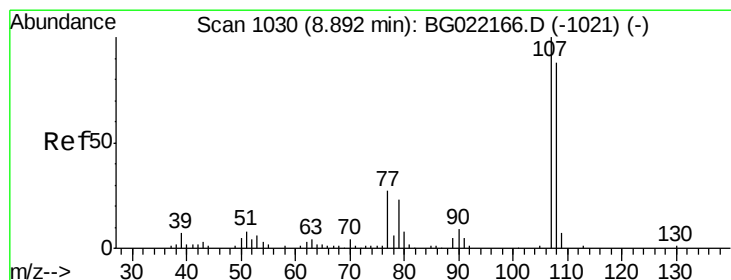
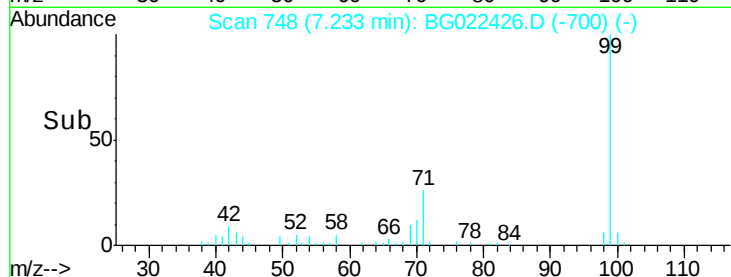
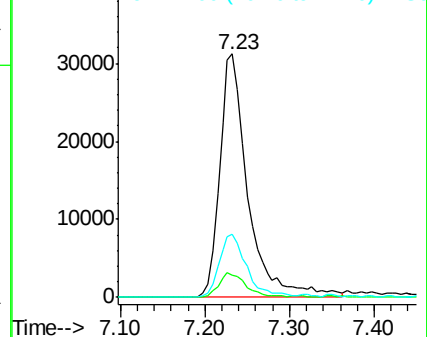
99 100

42 9.2 16.4 24.6#

71 26.1 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



#20

3+4-Methylphenols

Concen: 5.31 ng

RT: 8.85 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG022426.D

Acq: 18 Jun 2016 16:39

Tgt Ion: 107 Resp: 10411

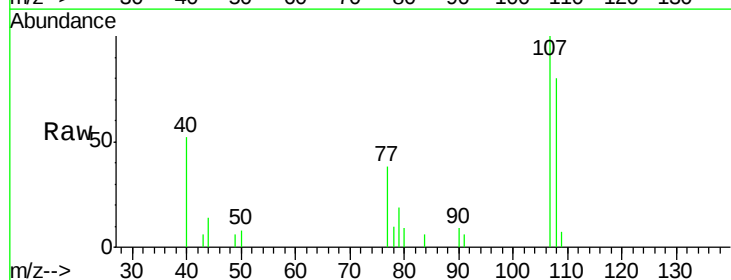
Ion Ratio Lower Upper

107 100

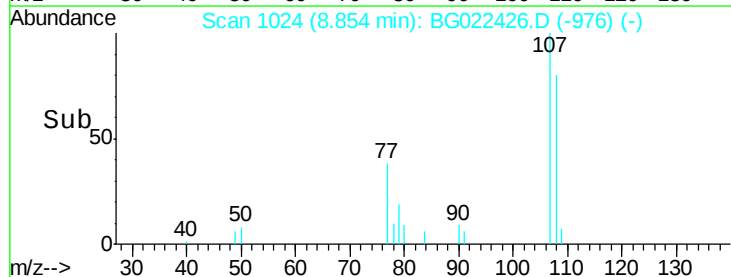
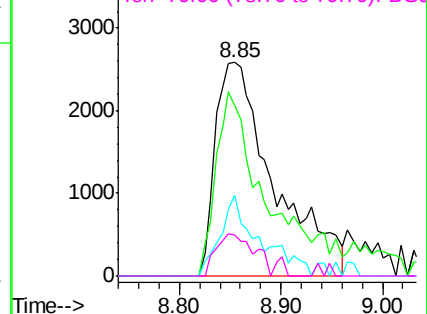
108 79.9 66.2 106.2

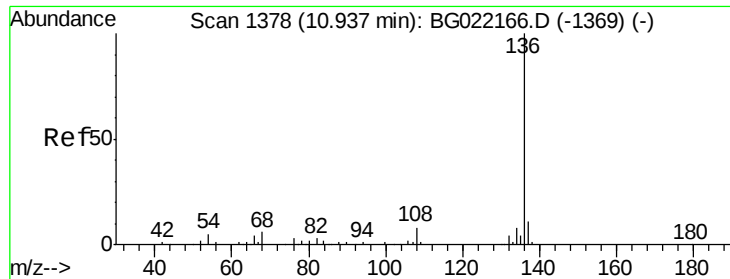
77 37.9 11.5 51.5

79 19.2 5.6 45.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

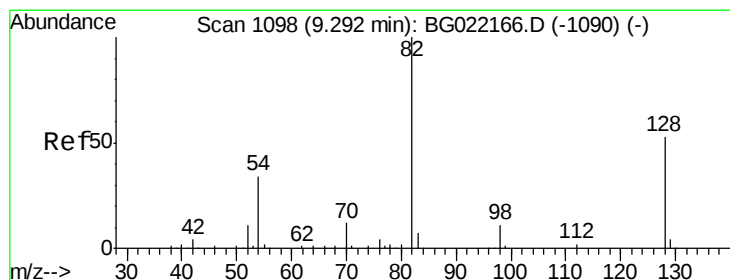
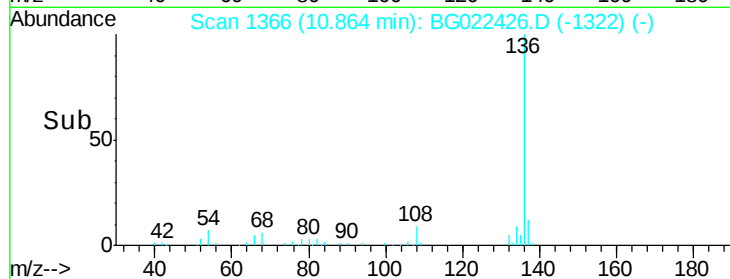
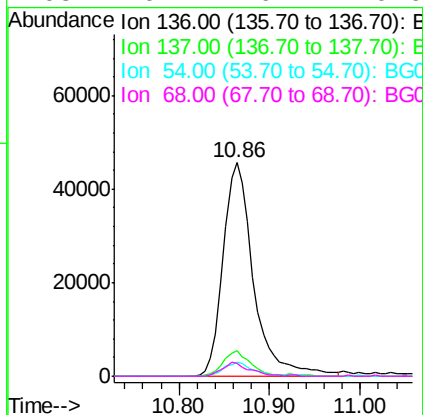
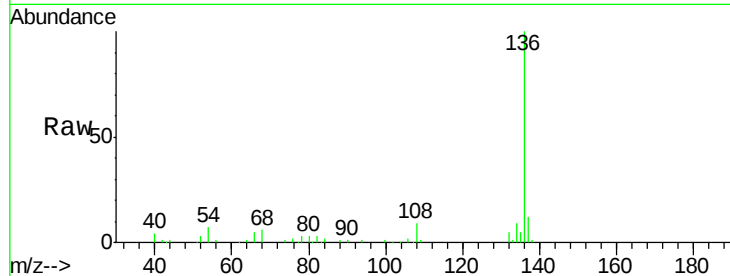




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1366
Delta R.T. -0.04 min
Lab File: BG022426.D
Acq: 18 Jun 2016 16:39

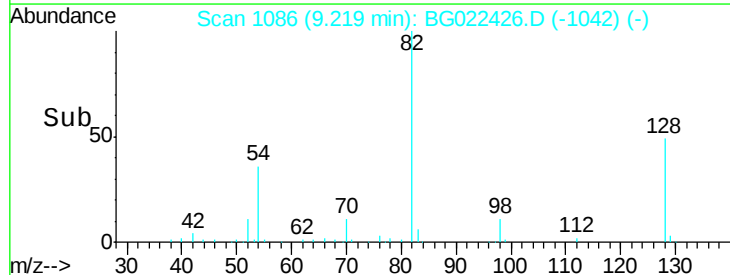
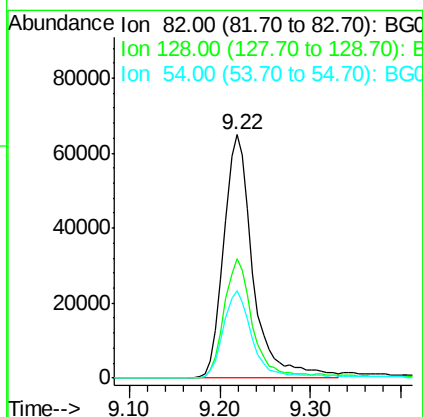
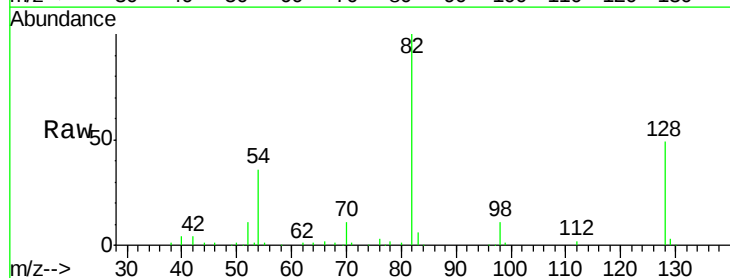
Instrument :
BNA_G
ClientSampleId :
TE-MW-2-23D

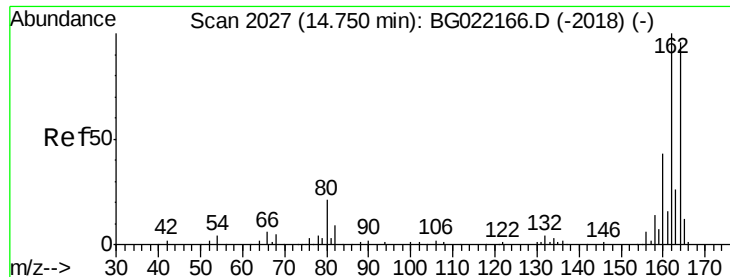
Tot Ion:136	Resp:	106633
Ion	Ratio	Lower Upper
136	100	
137	12.3	9.0 13.4
54	6.8	9.6 14.4#
68	6.1	6.4 9.6#



#23
Nitrobenzene-d5
Concen: 95.38 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BG022426.D
Acq: 18 Jun 2016 16:39

Tgt Ion: 82	Resp:	145888
Ion	Ratio	Lower Upper
82	100	
128	48.9	33.4 50.0
54	35.8	46.1 69.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.04 min

Lab File: BG022426.D

Acq: 18 Jun 2016 16:39

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-23D

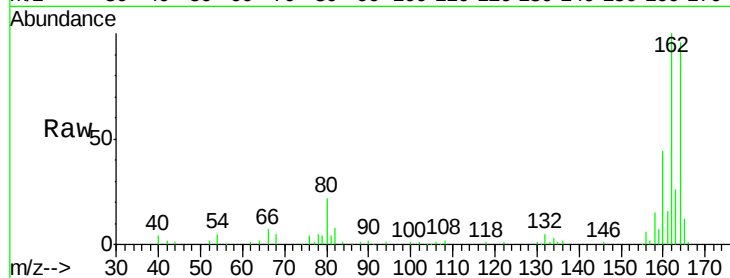
Tot Ion:164 Resp: 73575

Ion Ratio Lower Upper

164 100

162 104.5 78.0 117.0

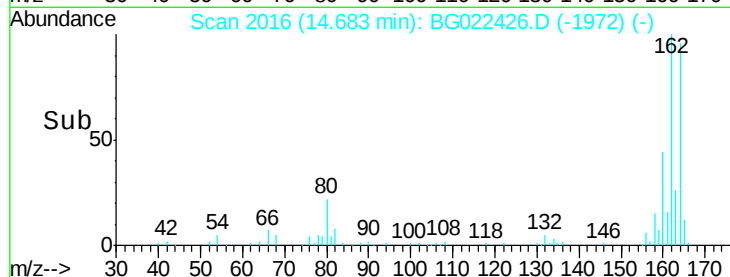
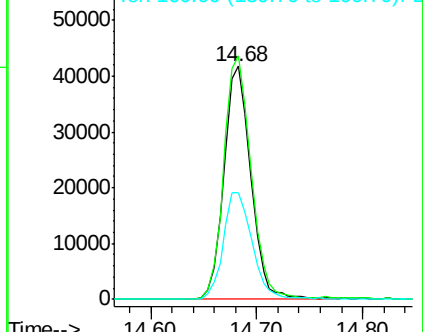
160 45.6 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 113.87 ng

RT: 16.18 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BG022426.D

Acq: 18 Jun 2016 16:39

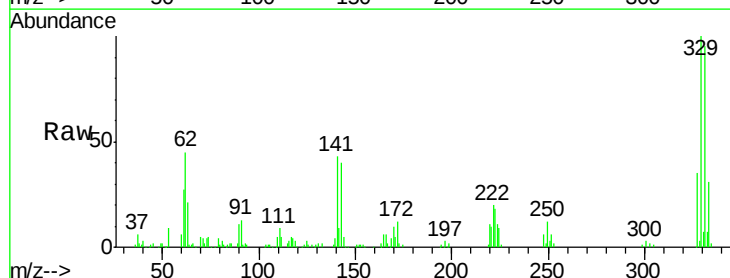
Tgt Ion:330 Resp: 94666

Ion Ratio Lower Upper

330 100

332 94.0 78.0 117.0

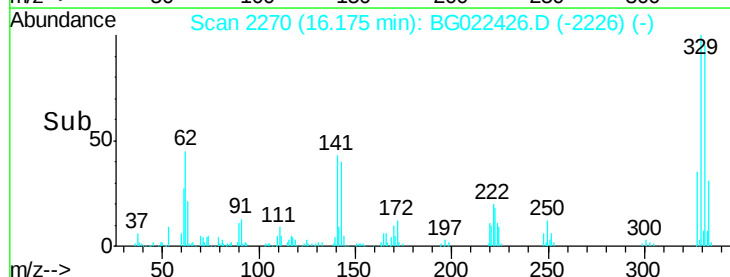
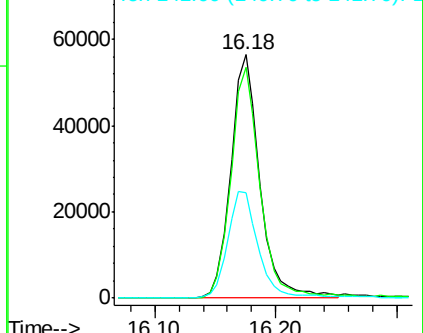
141 47.0 33.8 50.8

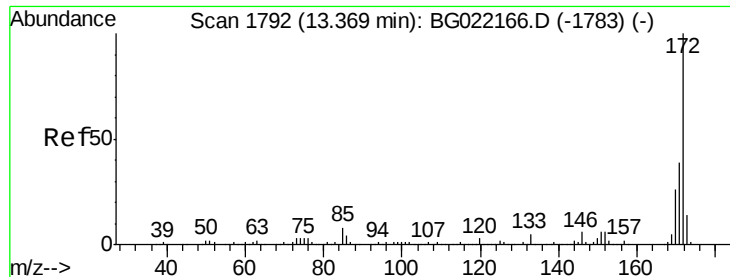


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

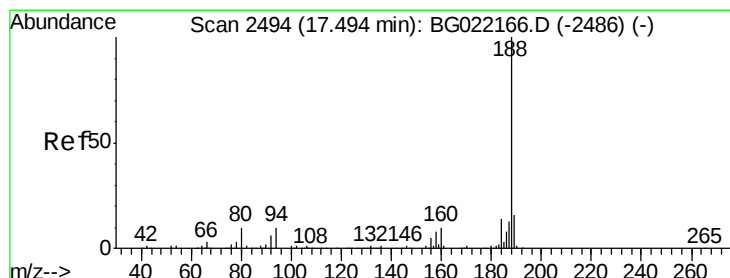
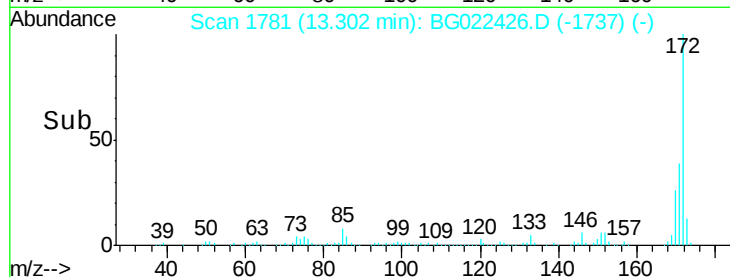
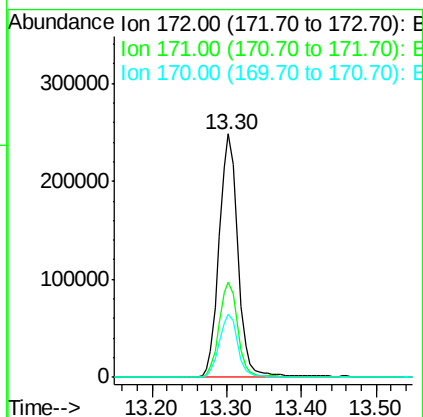
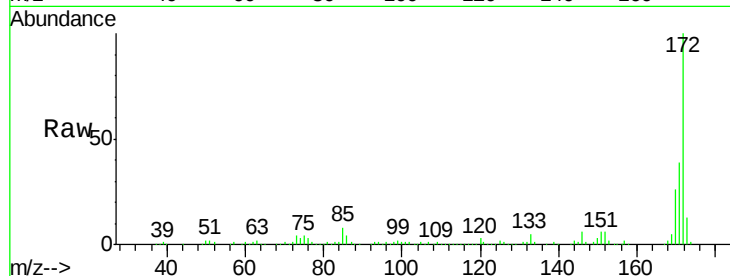




#44
 2-Fluorobiphenyl
 Concen: 90.87 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022426.D
 Acq: 18 Jun 2016 16:39

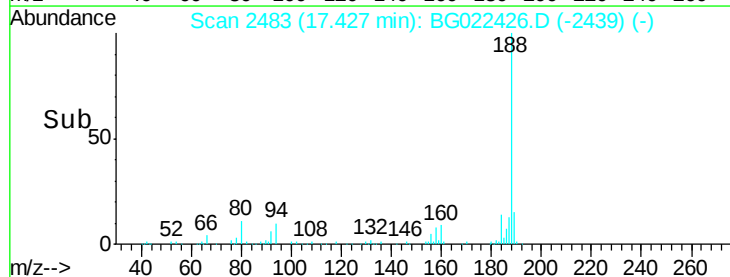
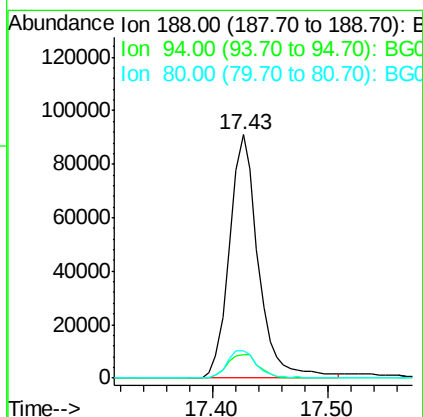
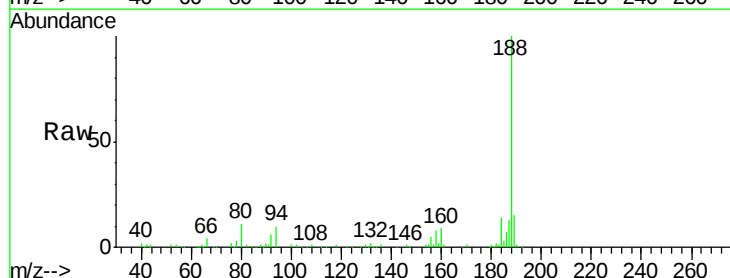
Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-23D

Tot Ion:172 Resp: 438725
 Ion Ratio Lower Upper
 172 100
 171 39.1 27.8 41.6
 170 25.7 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.43 min Scan# 2483
 Delta R.T. -0.04 min
 Lab File: BG022426.D
 Acq: 18 Jun 2016 16:39

Tgt Ion:188 Resp: 157913
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.5 11.3
 80 11.3 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.69 min Scan# 3208

Delta R.T. -0.05 min

Lab File: BG022426.D

Acq: 18 Jun 2016 16:39

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-23D

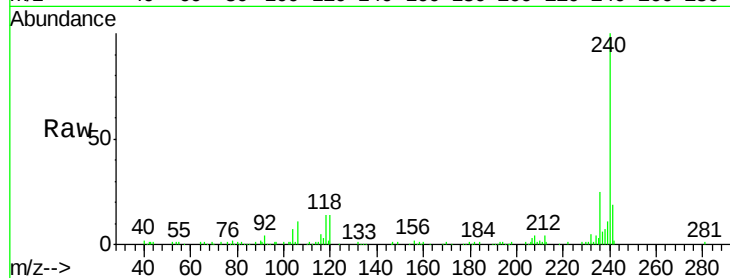
Tot Ion:240 Resp: 134457

Ion Ratio Lower Upper

240 100

120 13.8 8.4 12.6#

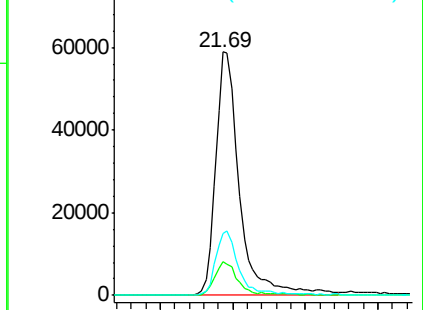
236 25.3 19.6 29.4



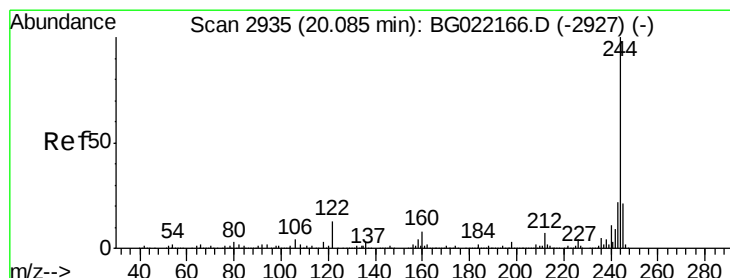
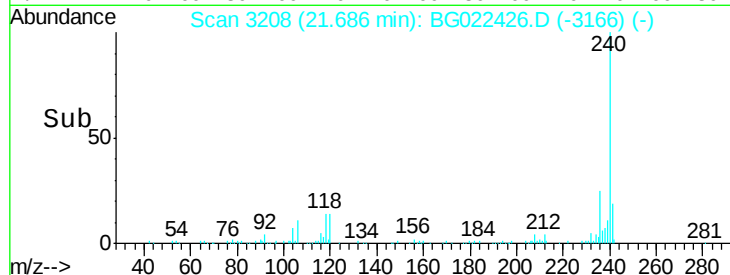
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 92.11 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.04 min

Lab File: BG022426.D

Acq: 18 Jun 2016 16:39

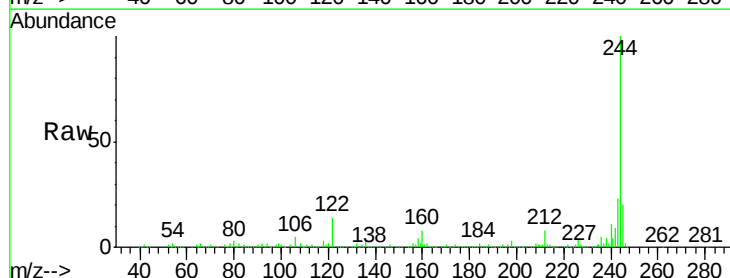
Tgt Ion:244 Resp: 521670

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

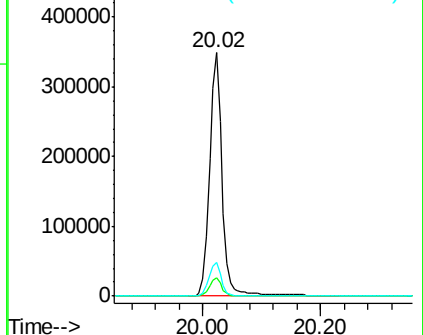
122 13.8 8.6 12.8#



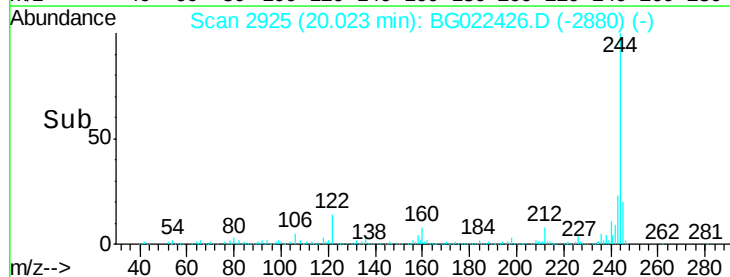
Abundance Ion 244.00 (243.70 to 244.70): E

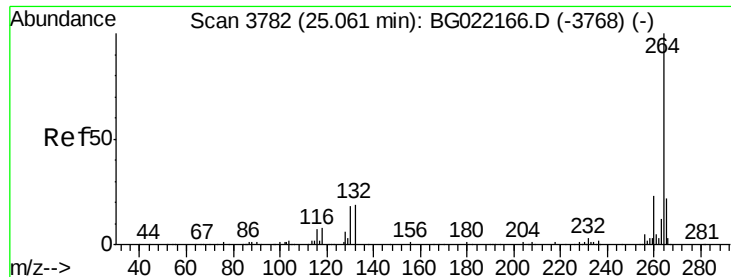
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

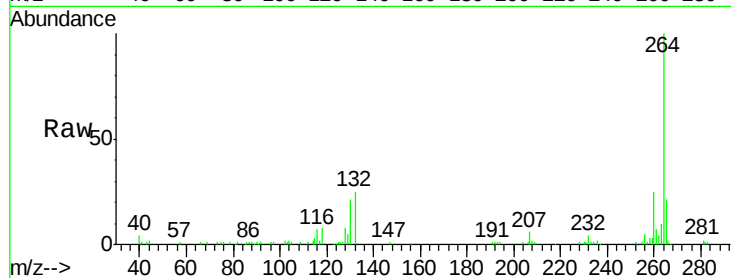




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.92 min Scan# 3759
 Delta R.T. -0.09 min
 Lab File: BG022426.D
 Acq: 18 Jun 2016 16:39

Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-23D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.4
265	21.3	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

