

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022491.D
 Acq On : 22 Jun 2016 8:15
 Operator : UM/SJ
 Sample : H3601-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 14:00:59 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:27:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	18462	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	86234	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	57250	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	128925	20.00	ng	0.00
75) Chrysene-d12	21.65	240	114556	20.00	ng	0.00
86) Perylene-d12	24.85	264	102172	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	171159	179.25	ng	0.00
7) Phenol-d6	7.17	99	234725	156.35	ng	-0.01
23) Nitrobenzene-d5	9.16	82	129797	104.94	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	71558	110.62	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	374784	99.76	ng	0.00
78) Terphenyl-d14	19.98	244	545444	113.04	ng	0.00

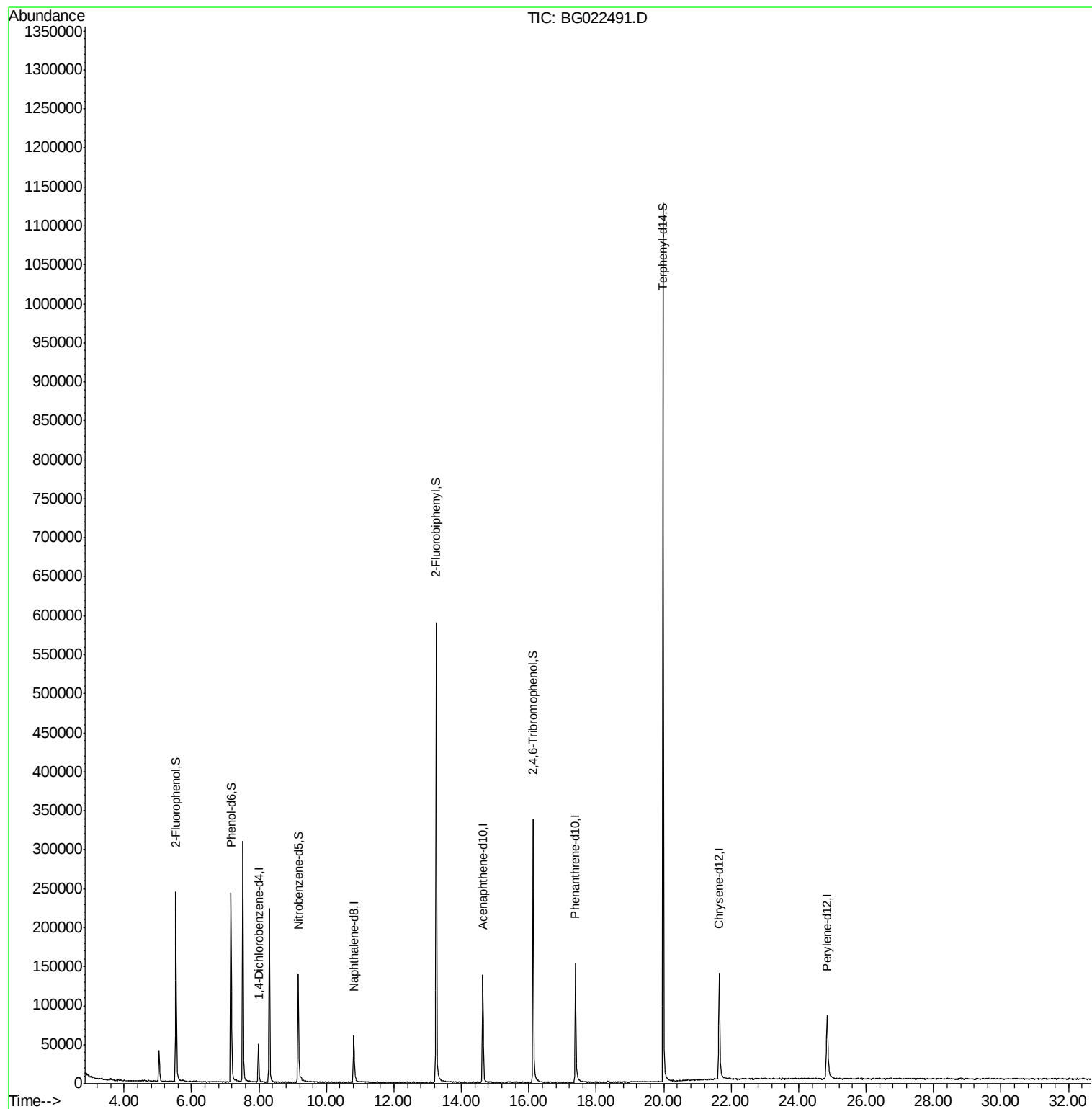
Target Compounds Qvalue

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

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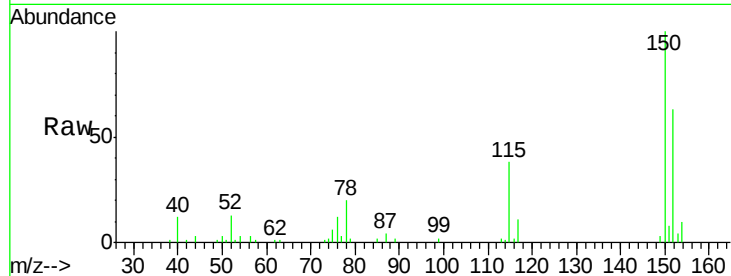


#1

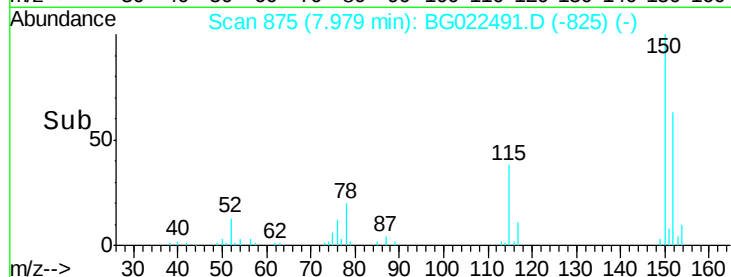
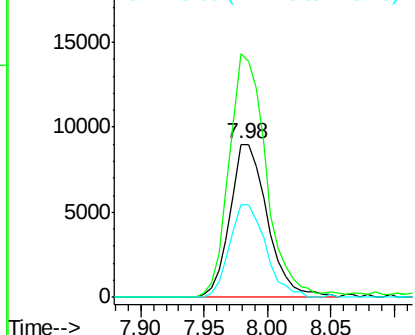
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.01 min
Lab File: BG022491.D
Acq: 22 Jun 2016 8:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	130.1	195.1
115	60.6	62.2	93.2



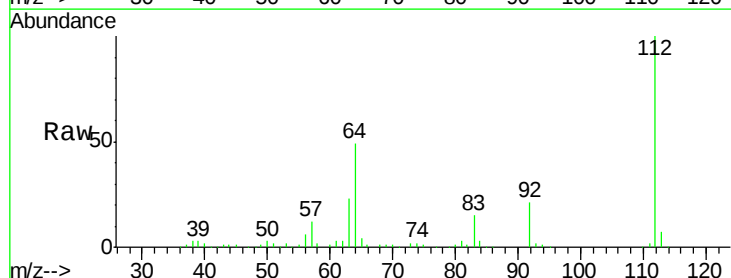
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



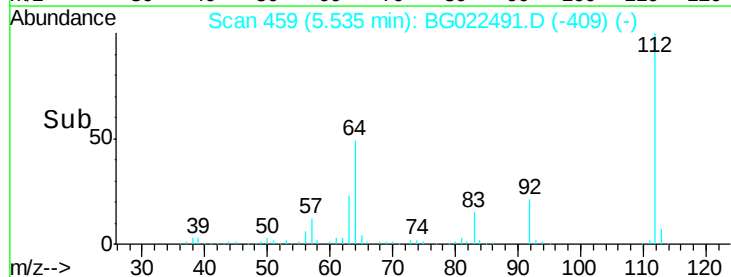
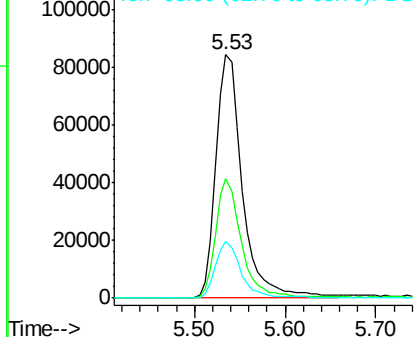
#5

2-Fluorophenol
Concen: 179.25 ng
RT: 5.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BG022491.D
Acq: 22 Jun 2016 8:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	51.1	76.7
63	23.2	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: 156.35 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG022491.D

Acq: 22 Jun 2016 8:15

Instrument :

BNA_G

ClientSampled :

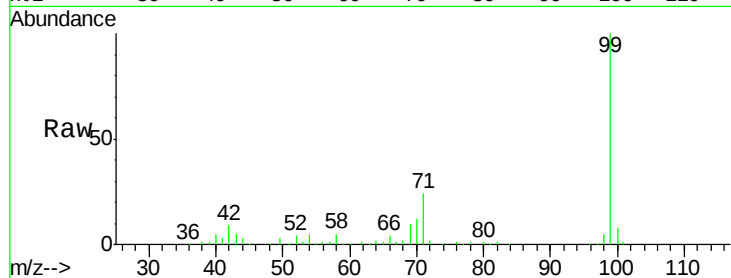
Tot Ion: 99 Resp: 234725

Ion Ratio Lower Upper

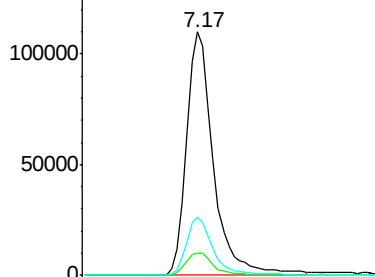
99 100

42 8.9 16.4 24.6#

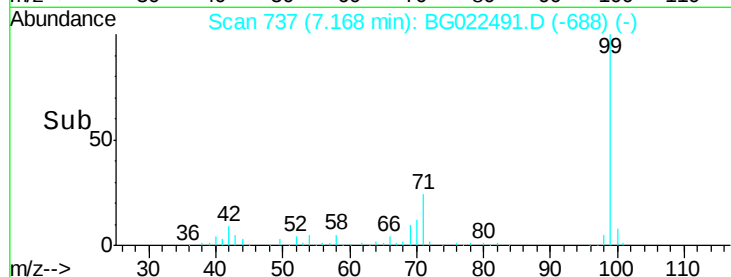
71 23.6 25.0 37.4#



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: 10.81 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BG022491.D

Acq: 22 Jun 2016 8:15

Tgt Ion: 136 Resp: 86234

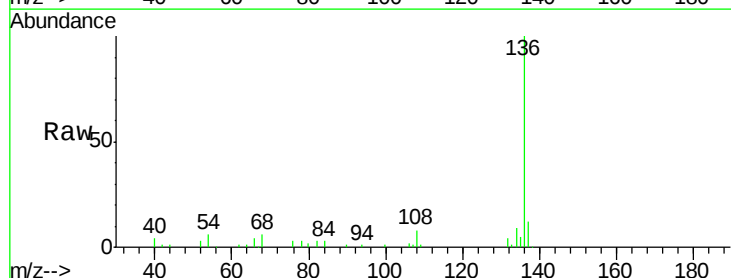
Ion Ratio Lower Upper

136 100

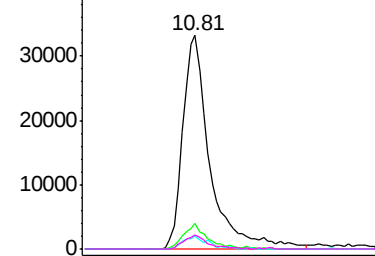
137 12.1 9.0 13.4

54 6.1 9.6 14.4#

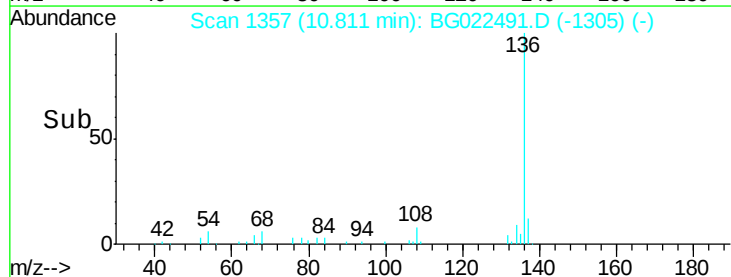
68 6.3 6.4 9.6#

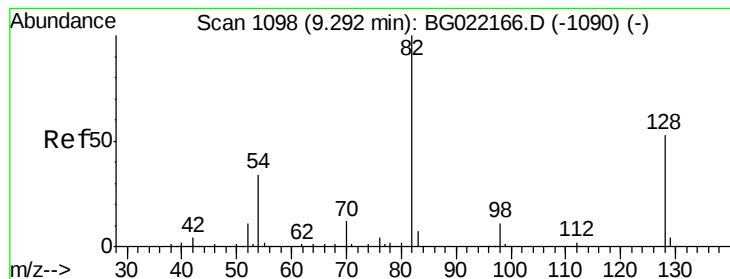


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->





#23

Nitrobenzene-d5

Concen: 104.94 ng

RT: 9.16 min Scan# 1076

Delta R.T. -0.00 min

Lab File: BG022491.D

Acq: 22 Jun 2016 8:15

Instrument :

BNA_G

ClientSampleId :

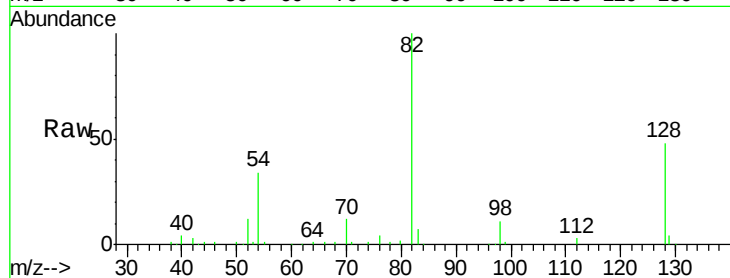
Tot Ion: 82 Resp: 129797

Ion Ratio Lower Upper

82 100

128 48.4 33.4 50.0

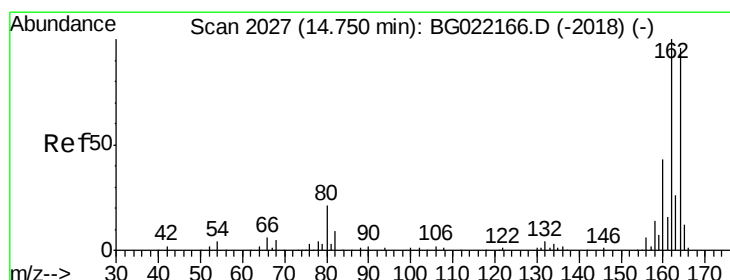
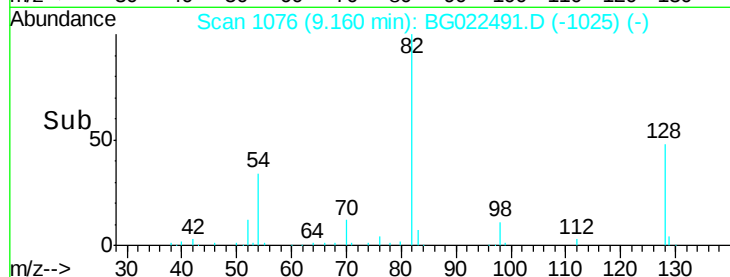
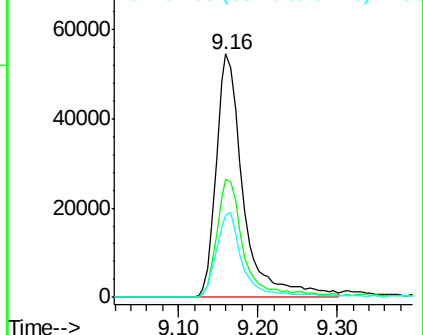
54 33.6 46.1 69.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG022491.D

Acq: 22 Jun 2016 8:15

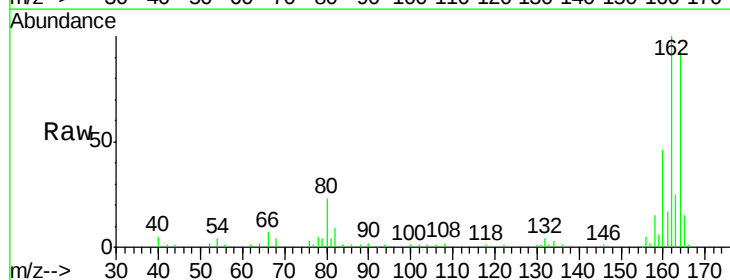
Tgt Ion:164 Resp: 57250

Ion Ratio Lower Upper

164 100

162 107.3 78.0 117.0

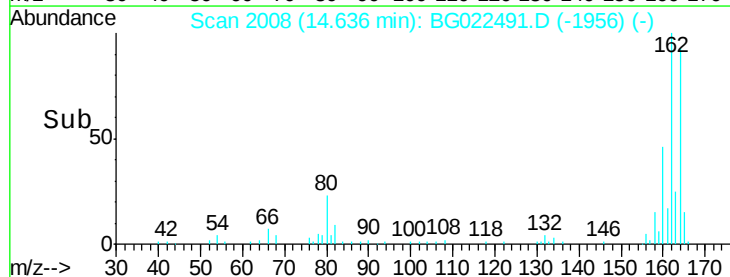
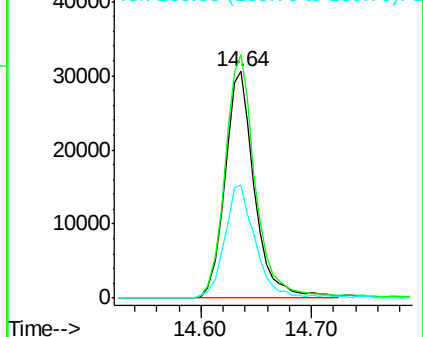
160 49.7 32.9 49.3#



Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

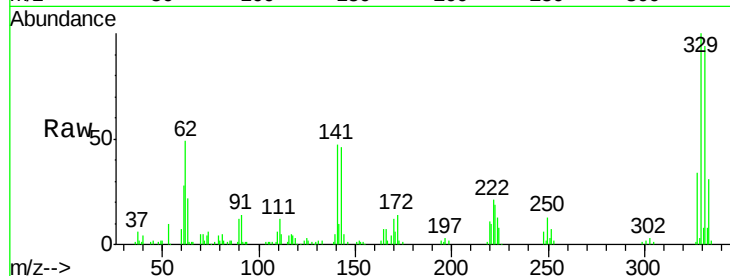




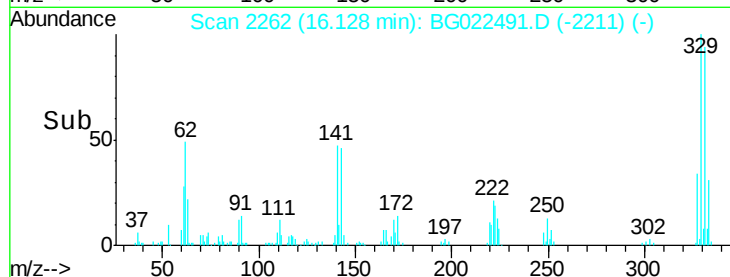
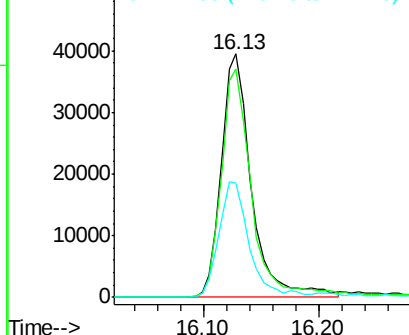
#41
 2,4,6-Tribromophenol
 Concen: 110.62 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG022491.D
 Acq: 22 Jun 2016 8:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	47.8	33.8	50.8

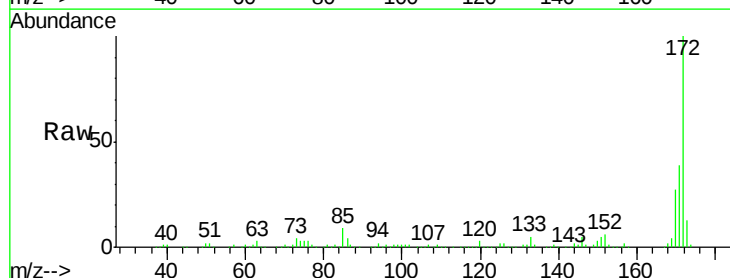


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

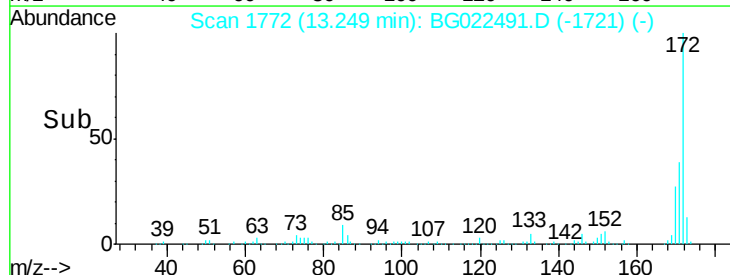
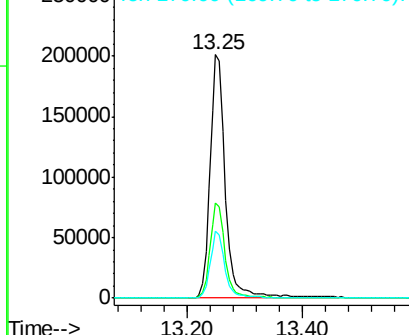


#44
 2-Fluorobiphenyl
 Concen: 99.76 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG022491.D
 Acq: 22 Jun 2016 8:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	27.8	41.6
170	27.3	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

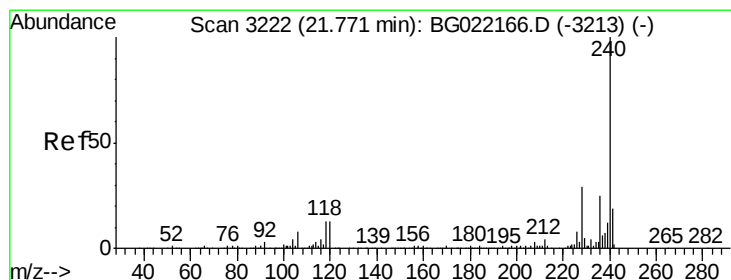
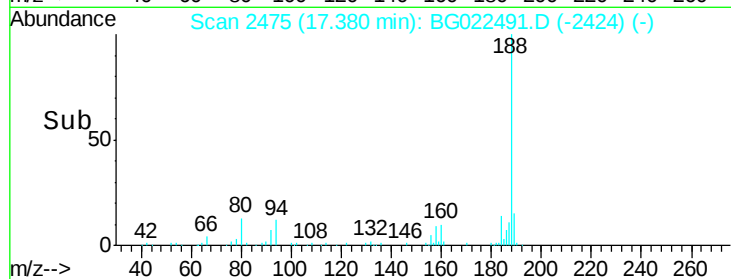
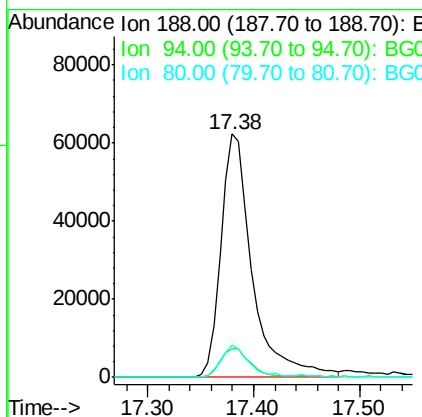
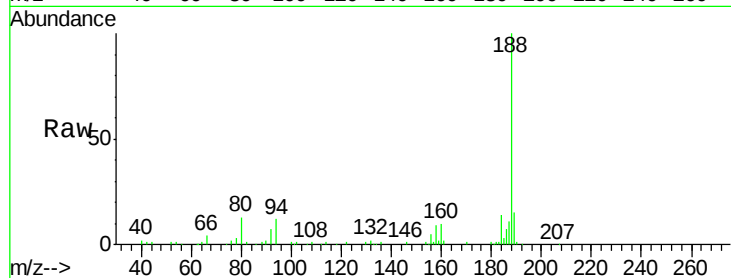




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG022491.D
Acq: 22 Jun 2016 8:15

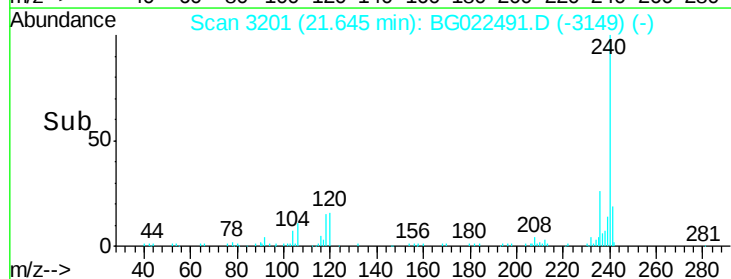
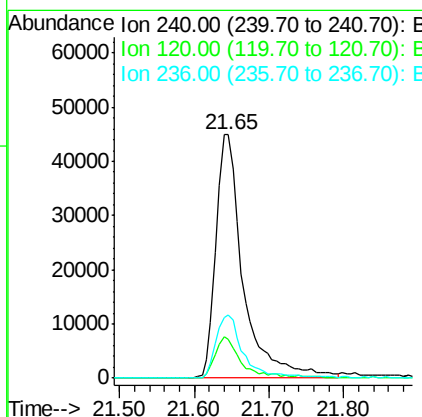
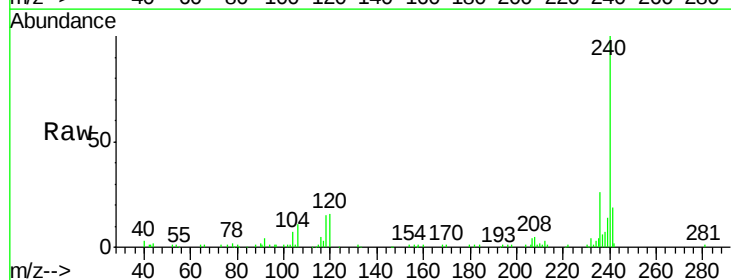
Instrument :
BNA_G
ClientSampleId :

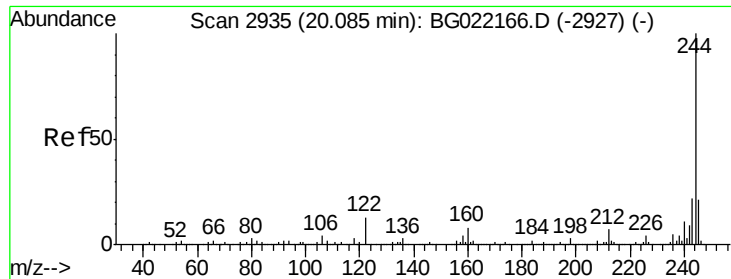
Tot Ion:188 Resp: 128925
Ion Ratio Lower Upper
188 100
94 11.7 7.5 11.3#
80 13.1 8.6 13.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3201
Delta R.T. 0.00 min
Lab File: BG022491.D
Acq: 22 Jun 2016 8:15

Tgt Ion:240 Resp: 114556
Ion Ratio Lower Upper
240 100
120 16.0 8.4 12.6#
236 25.8 19.6 29.4

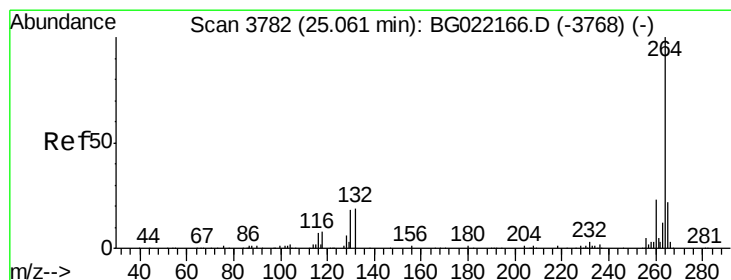
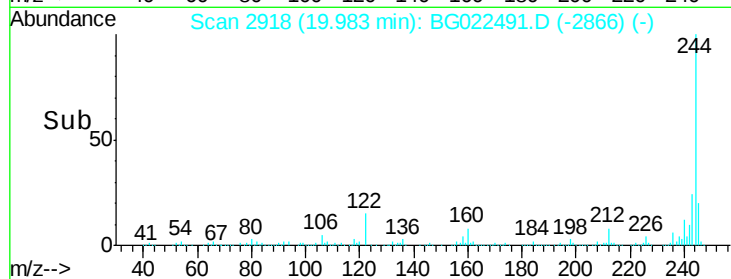
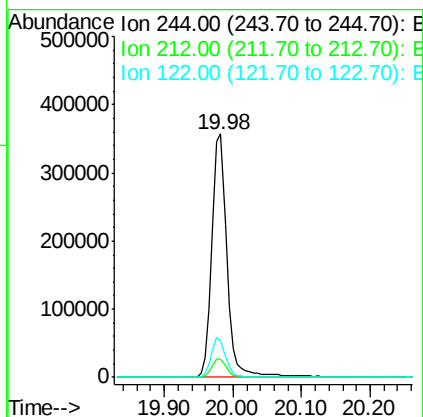
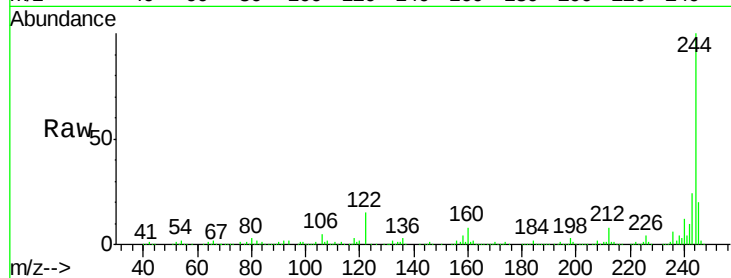




#78
 Terphenyl-d14
 Concen: 113.04 ng
 RT: 19.98 min Scan# 2918
 Delta R.T. 0.00 min
 Lab File: BG022491.D
 Acq: 22 Jun 2016 8:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 545444
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 15.1 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.85 min Scan# 3746
 Delta R.T. 0.01 min
 Lab File: BG022491.D
 Acq: 22 Jun 2016 8:15

Tgt Ion:264 Resp: 102172
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.2 30.4
 265 23.1 17.8 26.8

