

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022335.D
 Acq On : 14 Jun 2016 15:06
 Operator : UM/SJ
 Sample : PB91324BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91324BL

Quant Time: Jun 15 02:21:36 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	8.07	152	21850	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	106488	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	74375	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	205551	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	179924	20.00	ng	-0.01
86) Perylene-d12	25.00	264	164691	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	158657	140.39	ng	-0.02
7) Phenol-d6	7.24	99	233920	131.65	ng	-0.01
23) Nitrobenzene-d5	9.25	82	119507	78.24	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	110338	131.29	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	343794	70.44	ng	-0.01
78) Terphenyl-d14	20.05	244	657015	86.69	ng	0.00

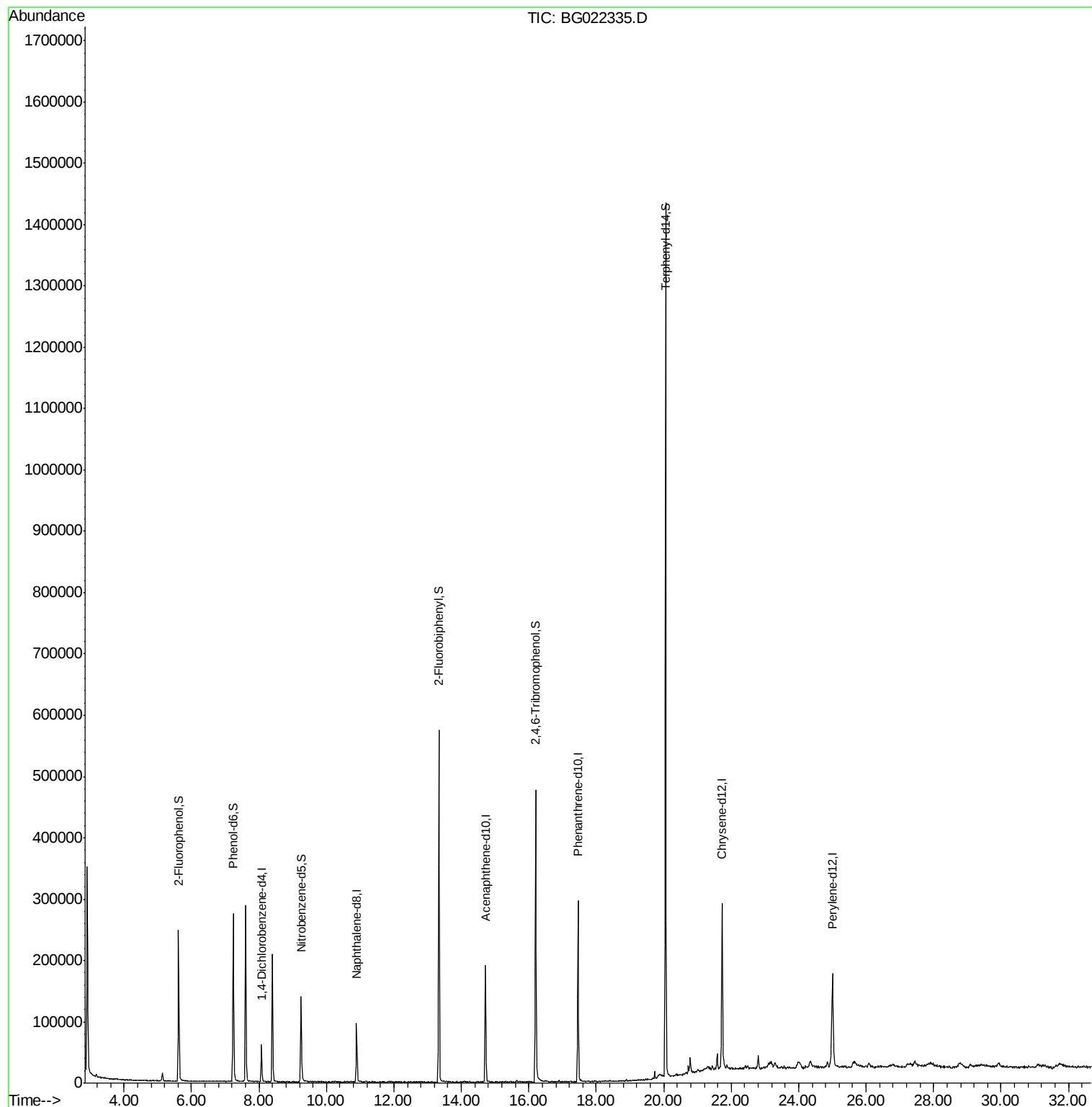
Target Compounds Qvalue

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

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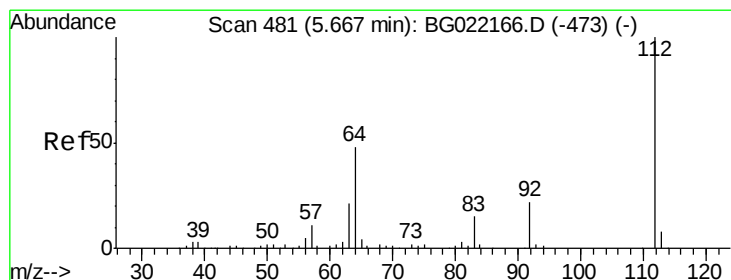
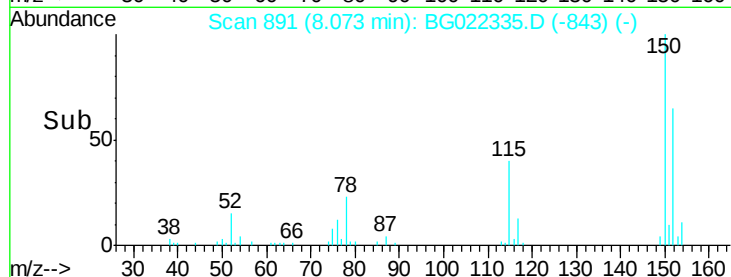
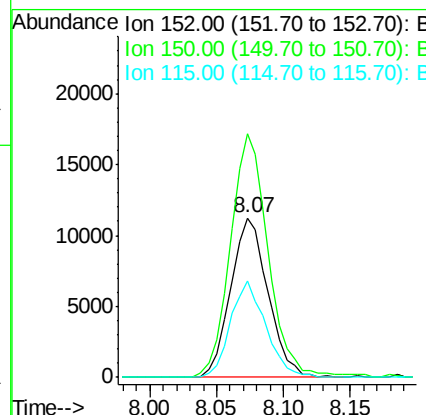
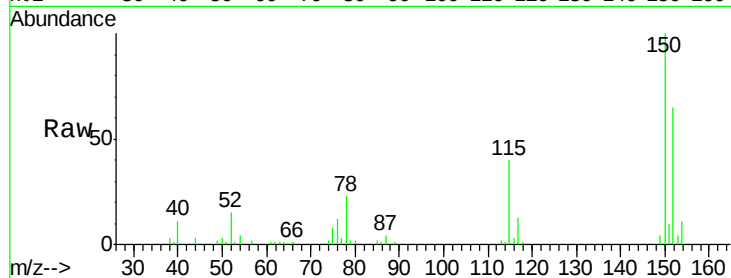


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 891
Delta R.T. -0.02 min
Lab File: BG022335.D
Acq: 14 Jun 2016 15:06

Instrument :
BNA_G
ClientSampleId :
PB91324BL

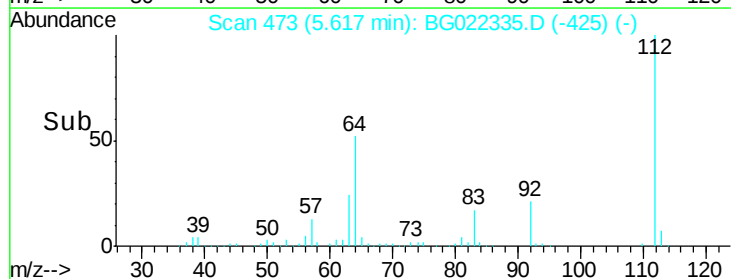
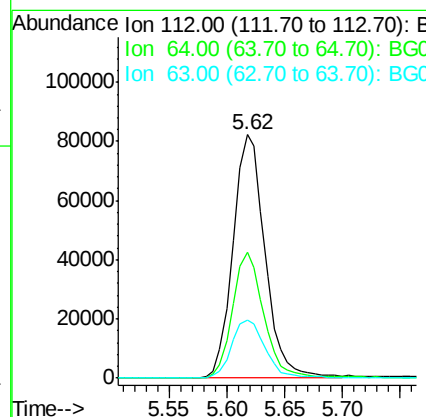
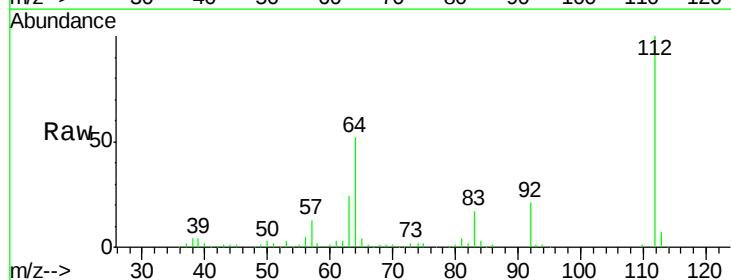
Tot Ion:152 Resp: 21850
Ion Ratio Lower Upper
152 100
150 152.8 130.1 195.1
115 60.6 62.2 93.2#



#5

2-Fluorophenol
Concen: 140.39 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022335.D
Acq: 14 Jun 2016 15:06

Tgt Ion:112 Resp: 158657
Ion Ratio Lower Upper
112 100
64 51.9 51.1 76.7
63 23.7 24.6 37.0#





#7

Phenol-d6

Concen: 131.65 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG022335.D

Acq: 14 Jun 2016 15:06

Instrument :

BNA_G

ClientSampleId :

PB91324BL

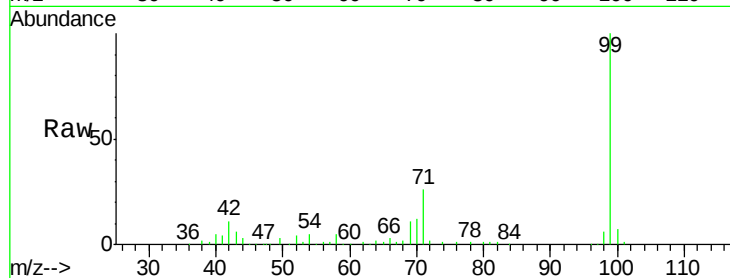
Tot Ion: 99 Resp: 233920

Ion Ratio Lower Upper

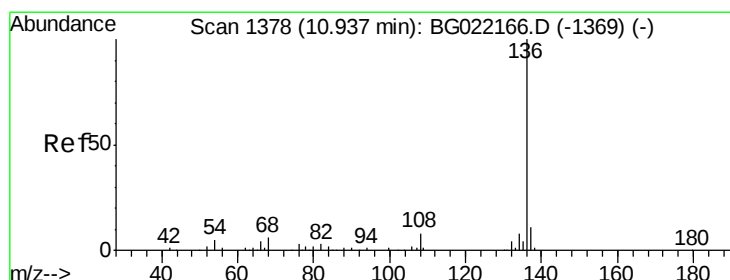
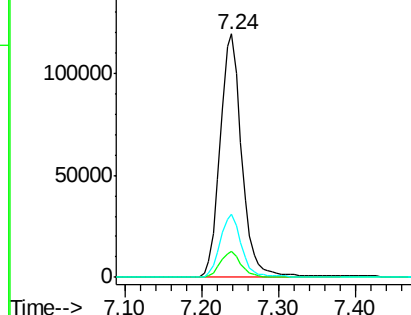
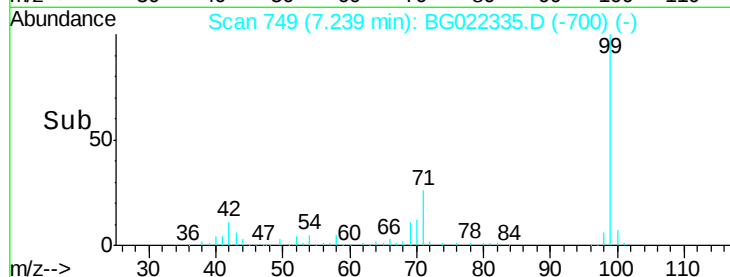
99 100

42 10.7 16.4 24.6#

71 25.8 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: 10.89 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022335.D

Acq: 14 Jun 2016 15:06

Tgt Ion: 136 Resp: 106488

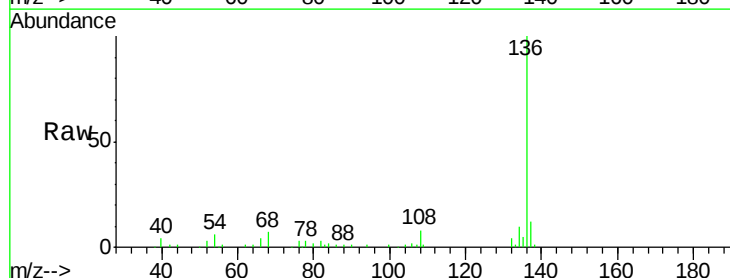
Ion Ratio Lower Upper

136 100

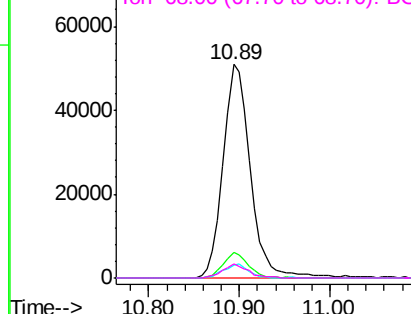
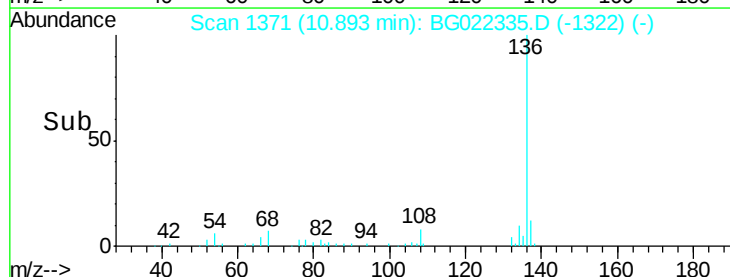
137 12.0 9.0 13.4

54 6.0 9.6 14.4#

68 6.5 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

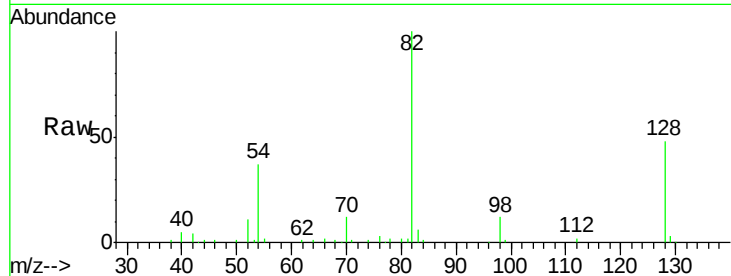




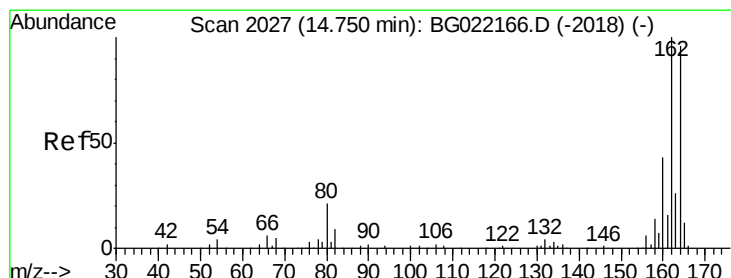
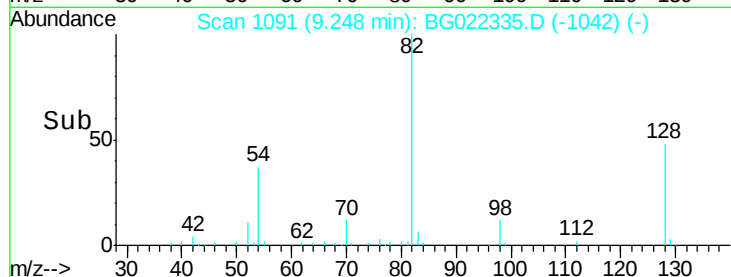
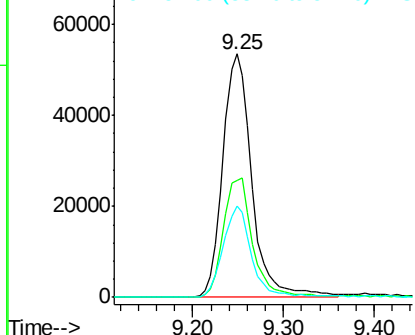
#23
 Nitrobenzene-d5
 Concen: 78.24 ng
 RT: 9.25 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BG022335.D
 Acq: 14 Jun 2016 15:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91324BL

Tot Ion	82	Resp	119507
Ion Ratio	100	Lower	Upper
128	47.8	33.4	50.0
54	37.4	46.1	69.1#

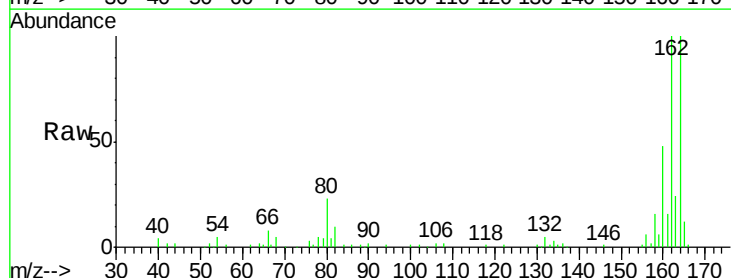


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

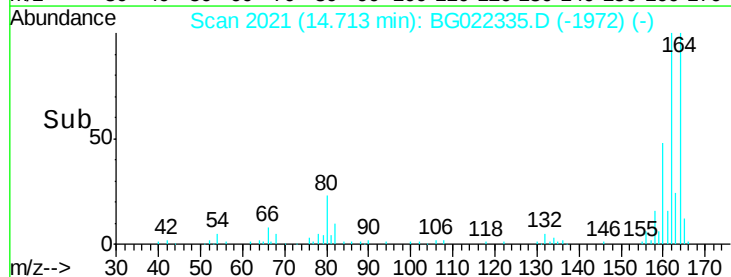
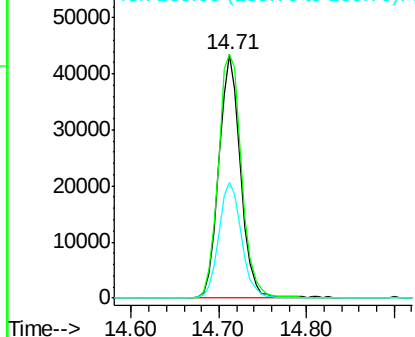


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BG022335.D
 Acq: 14 Jun 2016 15:06

Tgt Ion	164	Resp	74375
Ion Ratio	100	Lower	Upper
162	100.0	78.0	117.0
160	47.7	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

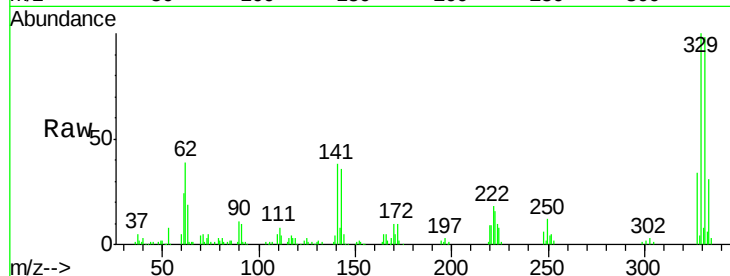




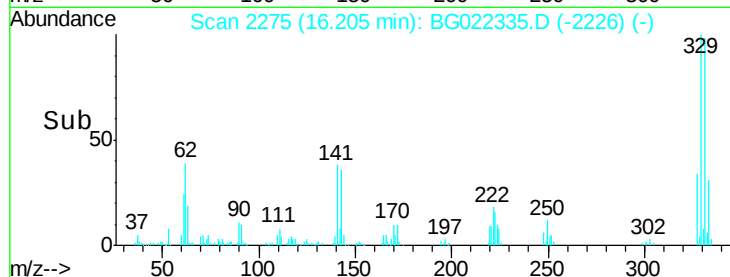
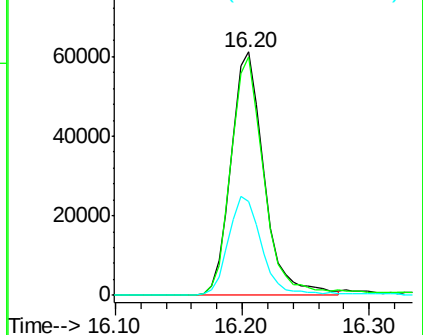
#41
 2,4,6-Tribromophenol
 Concen: 131.29 ng
 RT: 16.20 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG022335.D
 Acq: 14 Jun 2016 15:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91324BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	78.0	117.0
141	41.6	33.8	50.8

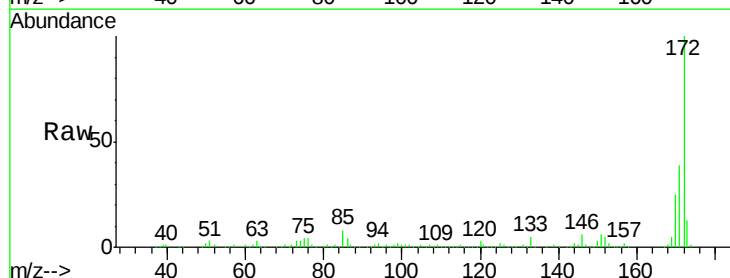


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

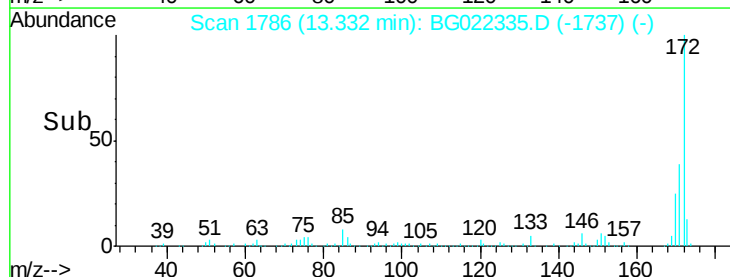
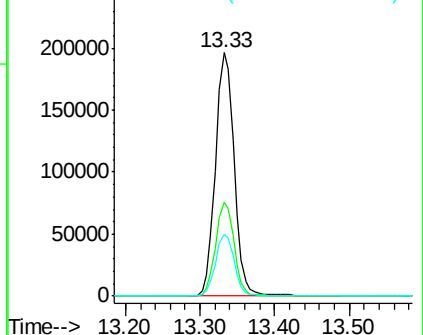


#44
 2-Fluorobiphenyl
 Concen: 70.44 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG022335.D
 Acq: 14 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	27.8	41.6
170	25.2	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

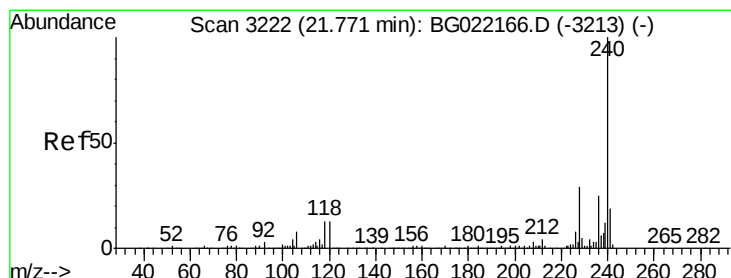
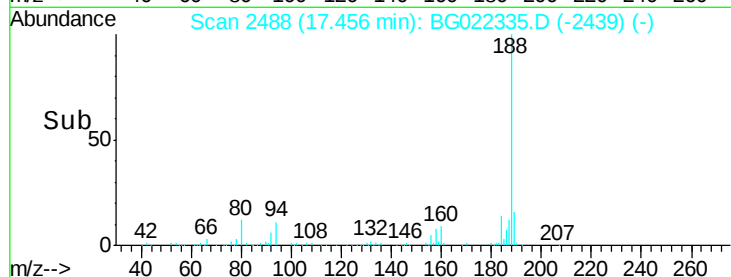
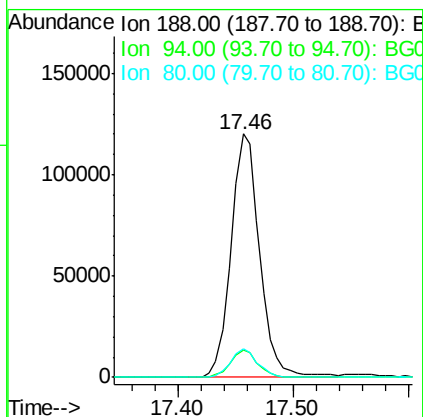
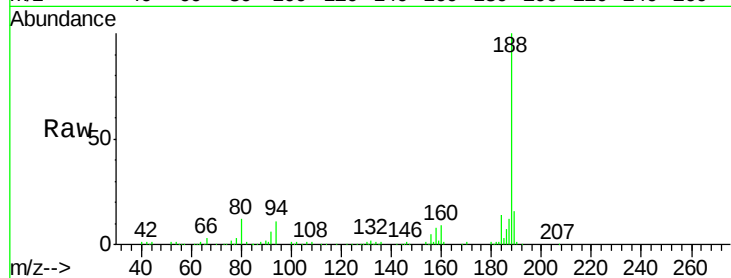




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.46 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BG022335.D
Acq: 14 Jun 2016 15:06

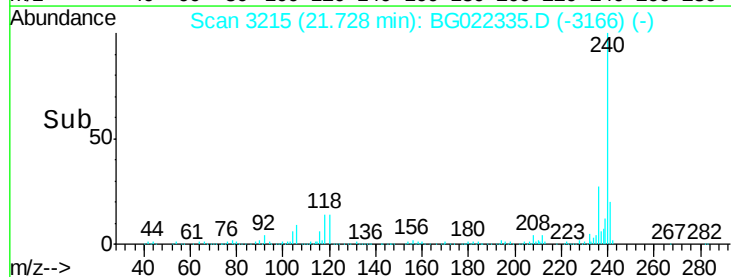
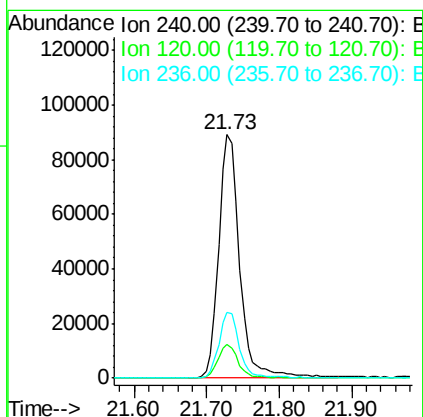
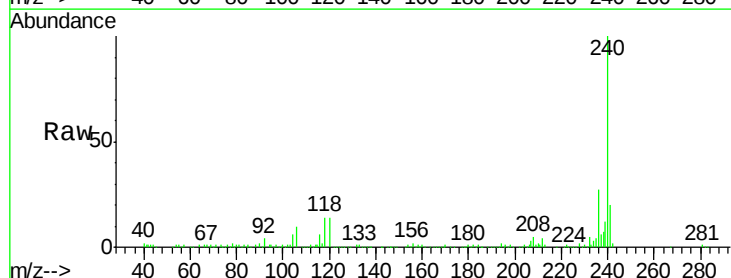
Instrument :
BNA_G
ClientSampleId :
PB91324BL

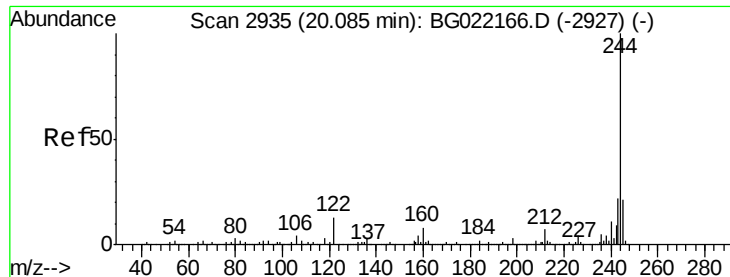
Tot Ion:188 Resp: 205551
Ion Ratio Lower Upper
188 100
94 11.0 7.5 11.3
80 11.6 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.73 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BG022335.D
Acq: 14 Jun 2016 15:06

Tgt Ion:240 Resp: 179924
Ion Ratio Lower Upper
240 100
120 13.9 8.4 12.6#
236 26.9 19.6 29.4





#78

Terphenyl-d14

Concen: 86.69 ng

RT: 20.05 min Scan# 2930

Delta R.T. -0.01 min

Lab File: BG022335.D

Acq: 14 Jun 2016 15:06

Instrument :

BNA_G

ClientSampleId :

PB91324BL

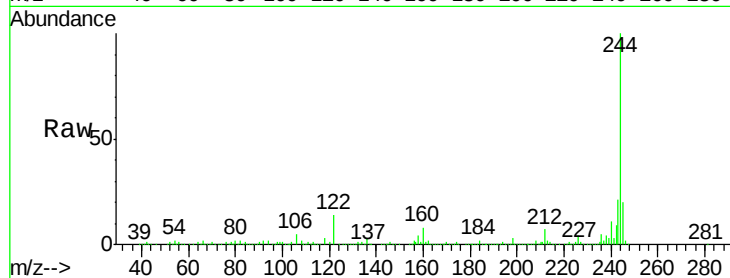
Tot Ion:244 Resp: 657015

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

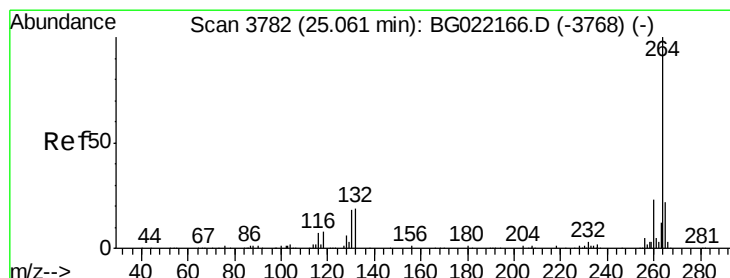
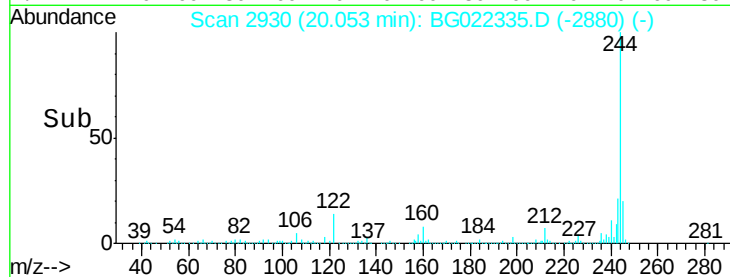
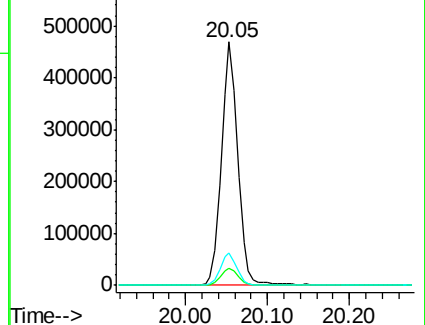
122 13.6 8.6 12.8#



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: 25.00 min Scan# 3772

Delta R.T. -0.01 min

Lab File: BG022335.D

Acq: 14 Jun 2016 15:06

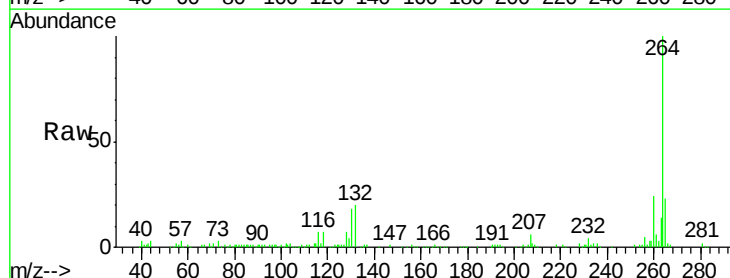
Tgt Ion:264 Resp: 164691

Ion Ratio Lower Upper

264 100

260 24.4 20.2 30.4

265 23.1 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

