

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022398.D
 Acq On : 17 Jun 2016 21:54
 Operator : UM/SJ
 Sample : PB91264BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91264BL

Quant Time: Jun 18 01:26:02 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	22542	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	105278	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	68405	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	168229	20.00	ng	-0.03
75) Chrysene-d12	21.70	240	153608	20.00	ng	-0.04
86) Perylene-d12	24.95	264	134806	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	174601	149.76	ng	-0.03
7) Phenol-d6	7.23	99	237840	129.75	ng	-0.02
23) Nitrobenzene-d5	9.22	82	124126	82.20	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	81384	105.29	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	359381	80.06	ng	-0.04
78) Terphenyl-d14	20.02	244	558193	86.27	ng	-0.03

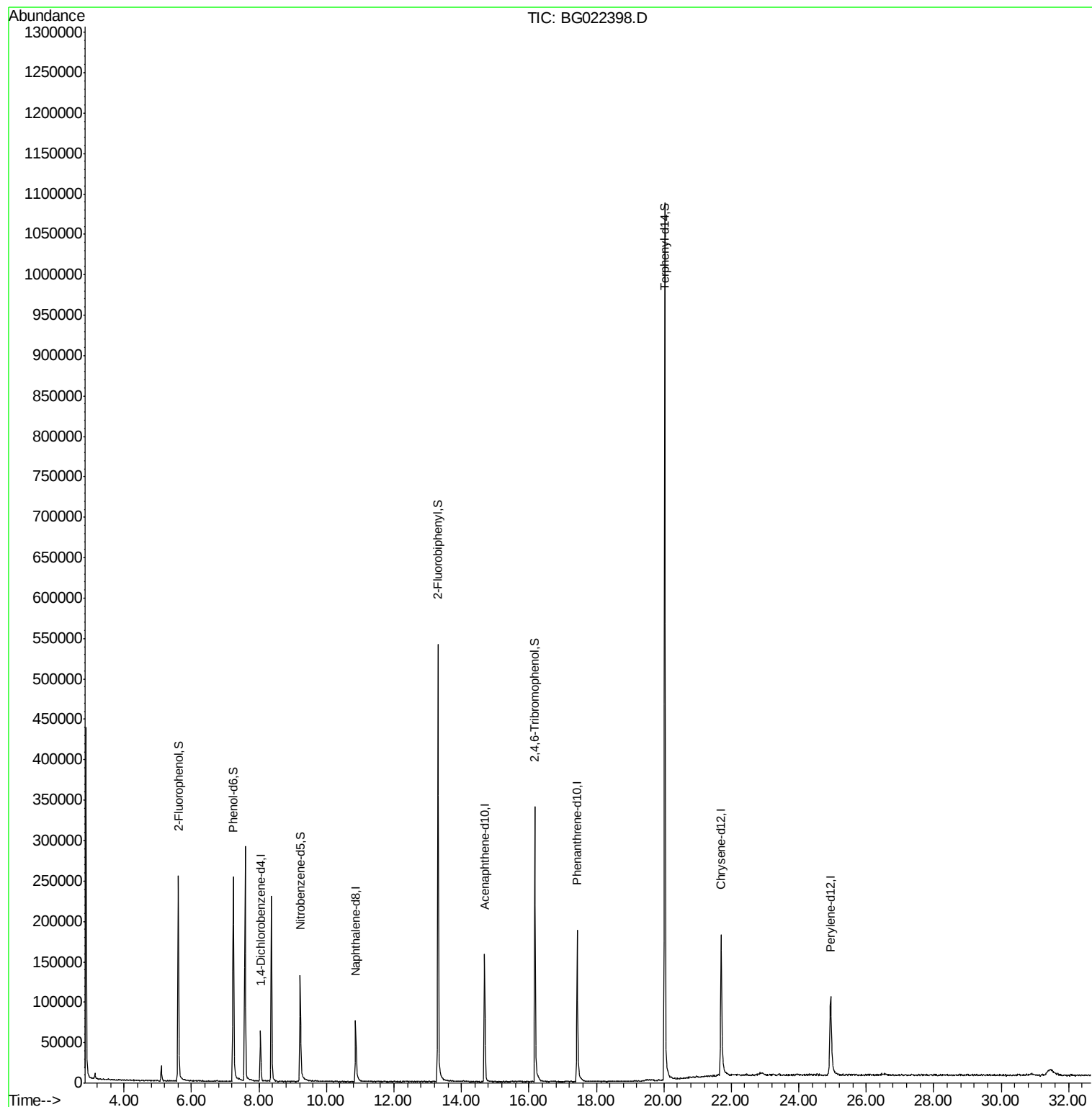
Target Compounds Qvalue

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

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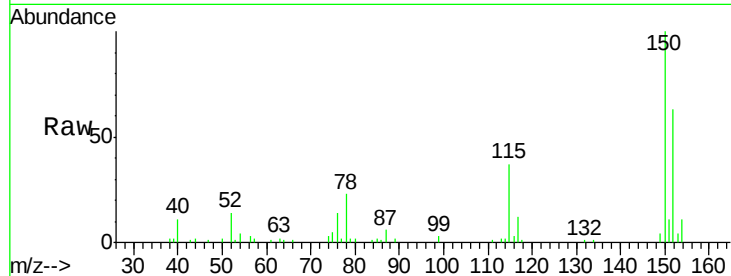


#1

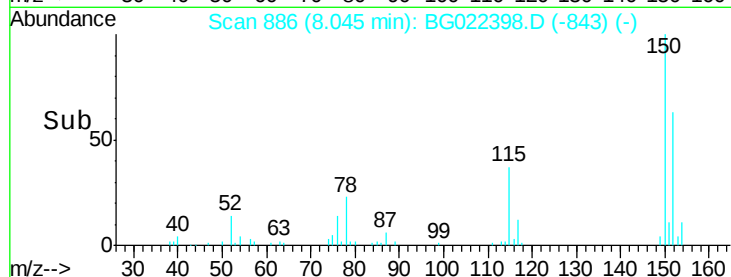
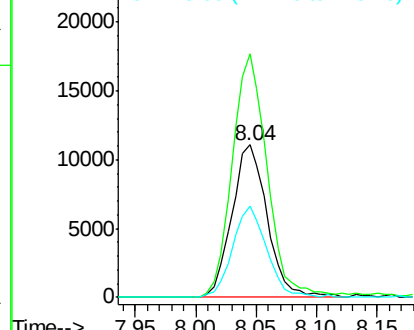
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. -0.05 min
Lab File: BG022398.D
Acq: 17 Jun 2016 21:54

Instrument :
BNA_G
ClientSampleID :
PB91264BL

Tot Ion:152 Resp: 22542
Ion Ratio Lower Upper
152 100
150 159.7 130.1 195.1
115 59.5 62.2 93.2#



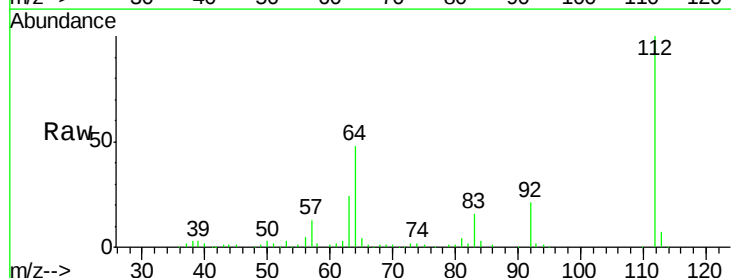
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



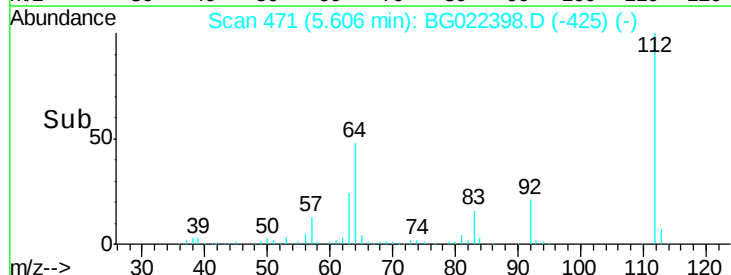
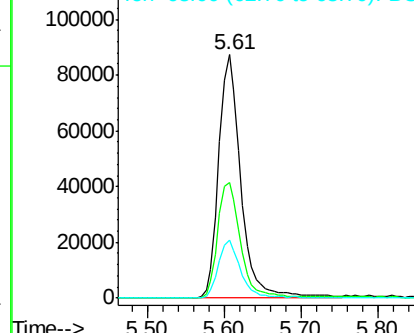
#5

2-Fluorophenol
Concen: 149.76 ng
RT: 5.61 min Scan# 471
Delta R.T. -0.03 min
Lab File: BG022398.D
Acq: 17 Jun 2016 21:54

Tgt Ion:112 Resp: 174601
Ion Ratio Lower Upper
112 100
64 47.7 51.1 76.7#
63 23.6 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: 129.75 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022398.D

Acq: 17 Jun 2016 21:54

Instrument :

BNA_G

ClientSampleId :

PB91264BL

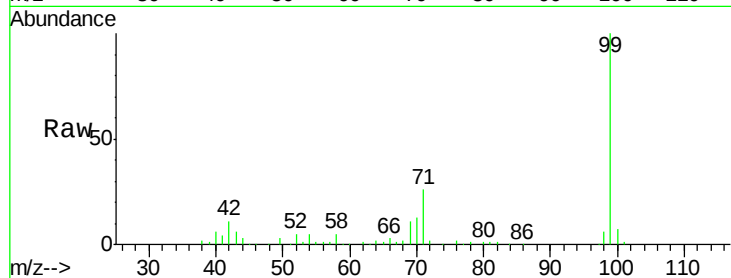
Tot Ion: 99 Resp: 237840

Ion Ratio Lower Upper

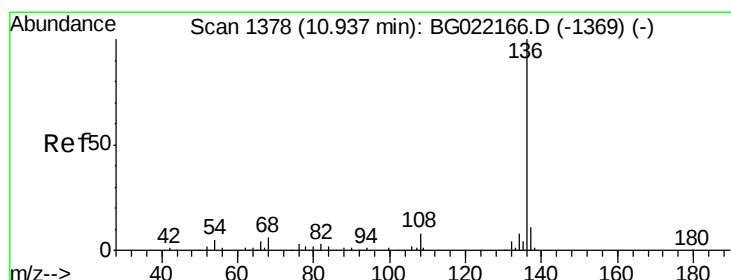
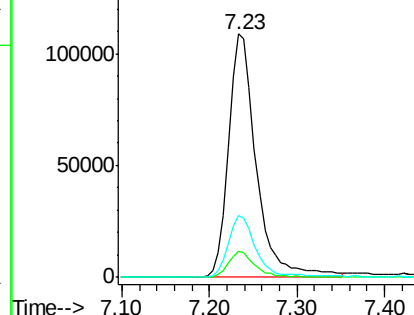
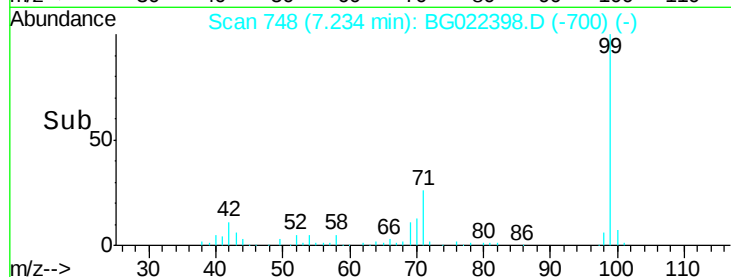
99 100

42 10.9 16.4 24.6#

71 25.5 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: 10.86 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022398.D

Acq: 17 Jun 2016 21:54

Tgt Ion: 136 Resp: 105278

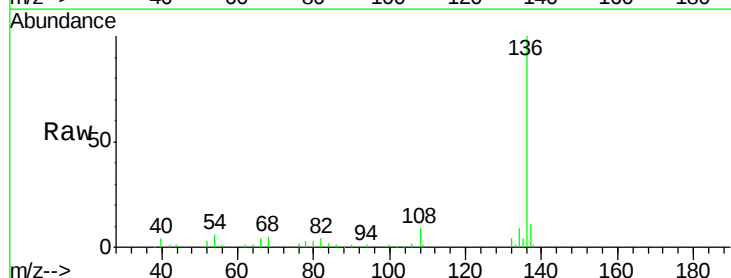
Ion Ratio Lower Upper

136 100

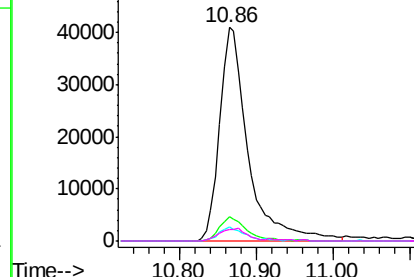
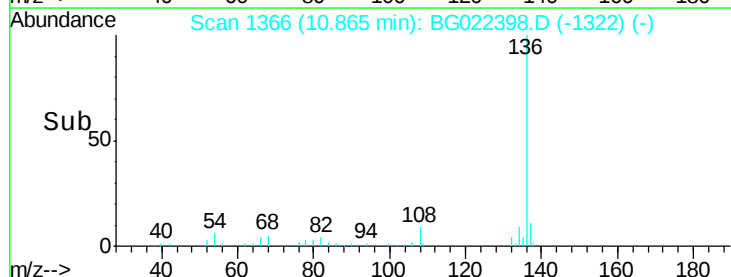
137 11.2 9.0 13.4

54 6.3 9.6 14.4#

68 5.5 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

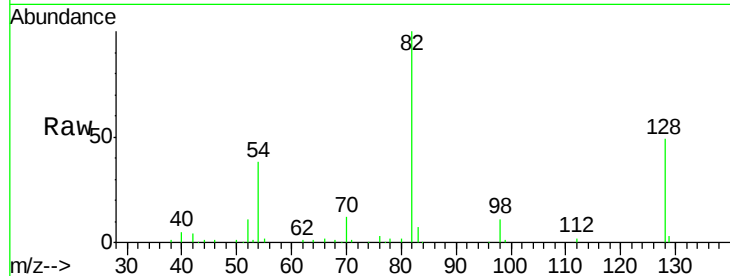




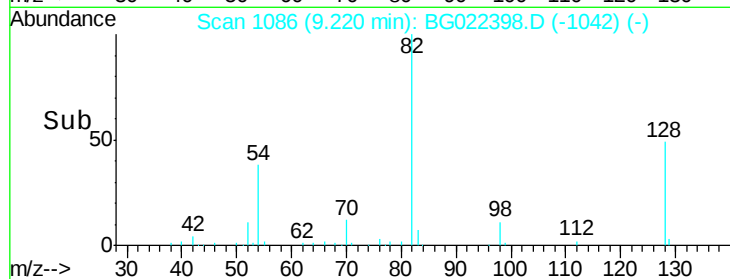
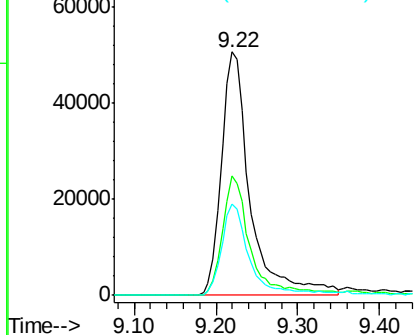
#23
Nitrobenzene-d5
Concen: 82.20 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BG022398.D
Acq: 17 Jun 2016 21:54

Instrument :
BNA_G
ClientSampleId :
PB91264BL

Tot Ion: 82 Resp: 124126
Ion Ratio Lower Upper
82 100
128 49.1 33.4 50.0
54 37.7 46.1 69.1#

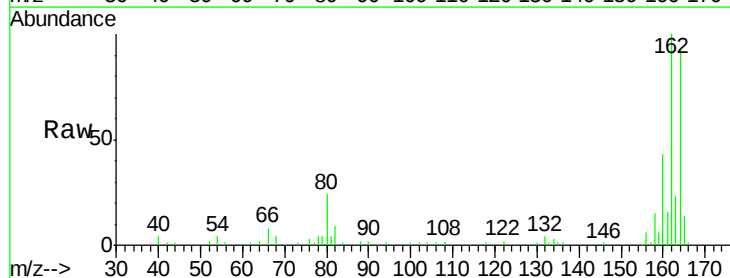


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

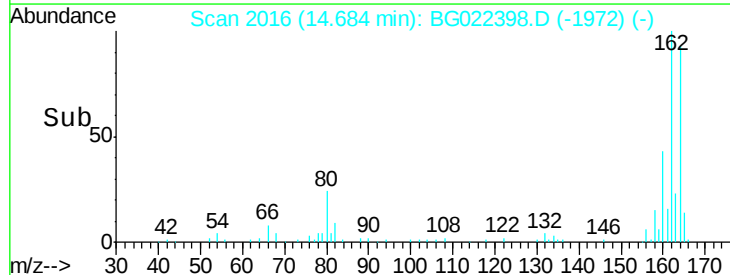
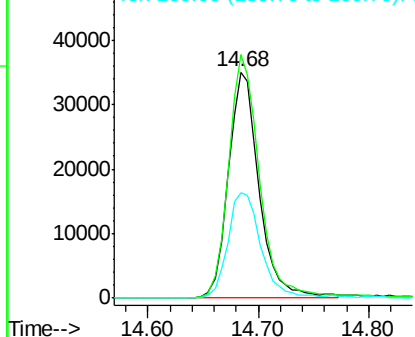


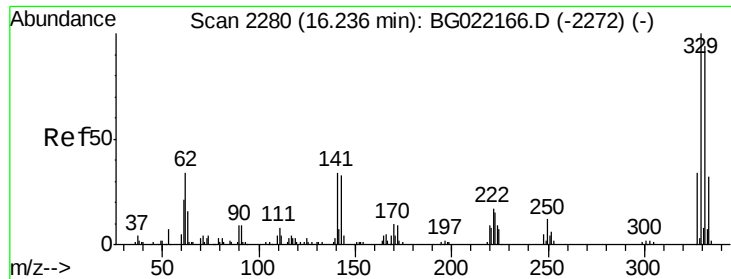
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BG022398.D
Acq: 17 Jun 2016 21:54

Tgt Ion:164 Resp: 68405
Ion Ratio Lower Upper
164 100
162 107.9 78.0 117.0
160 46.9 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

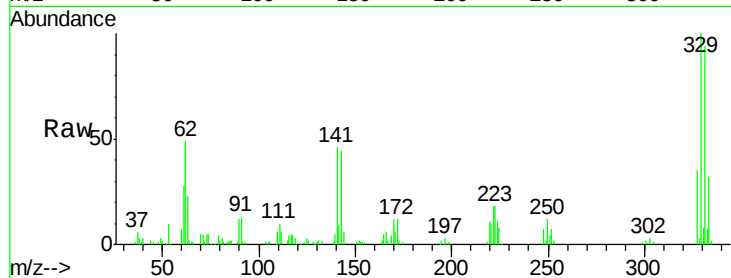




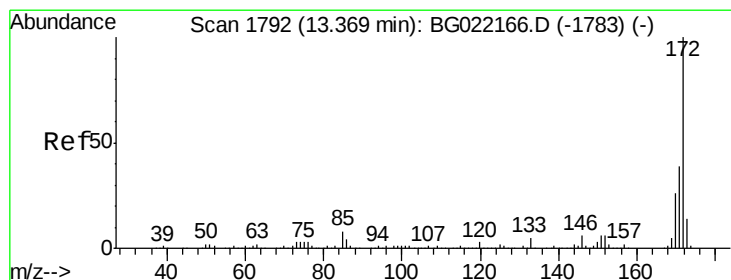
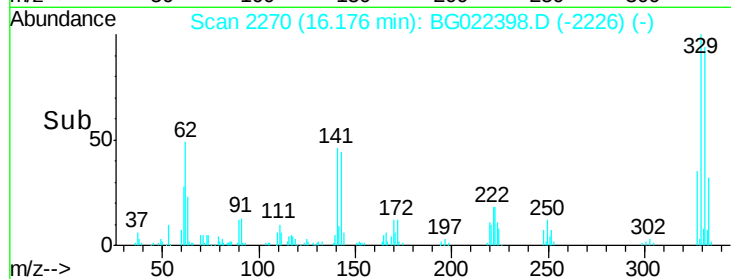
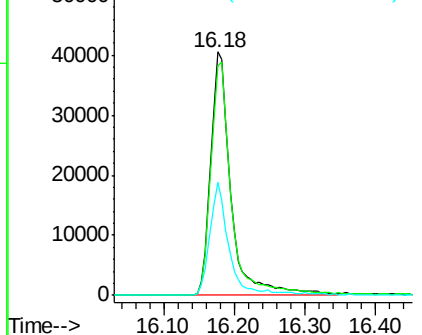
#41
 2,4,6-Tribromophenol
 Concen: 105.29 ng
 RT: 16.18 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BG022398.D
 Acq: 17 Jun 2016 21:54

Instrument :
 BNA_G
 ClientSampled :
 PB91264BL

Tot Ion:330 Resp: 81384
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.0 117.0
 141 43.4 33.8 50.8

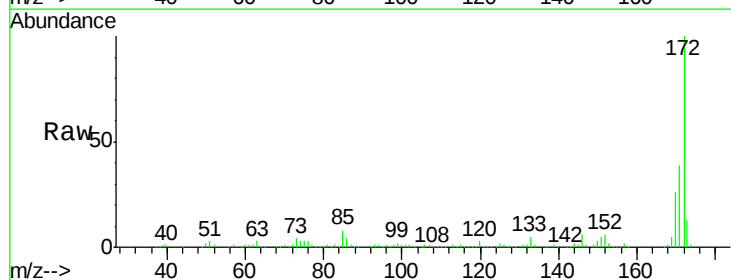


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

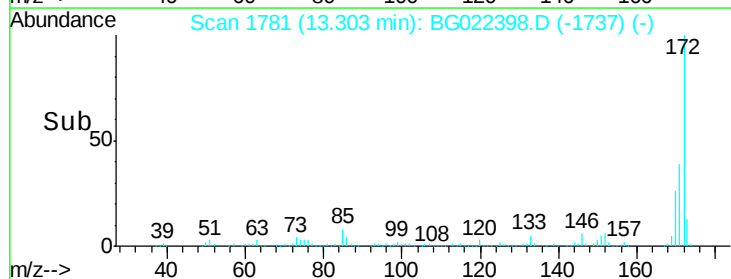
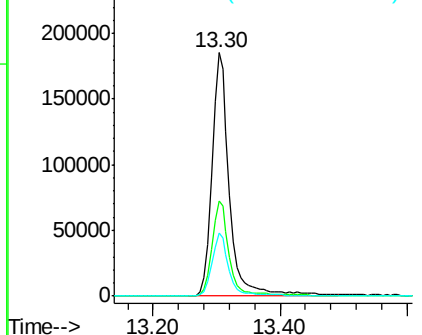


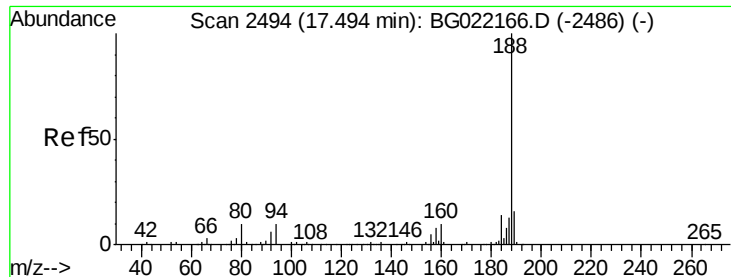
#44
 2-Fluorobiphenyl
 Concen: 80.06 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022398.D
 Acq: 17 Jun 2016 21:54

Tgt Ion:172 Resp: 359381
 Ion Ratio Lower Upper
 172 100
 171 39.2 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

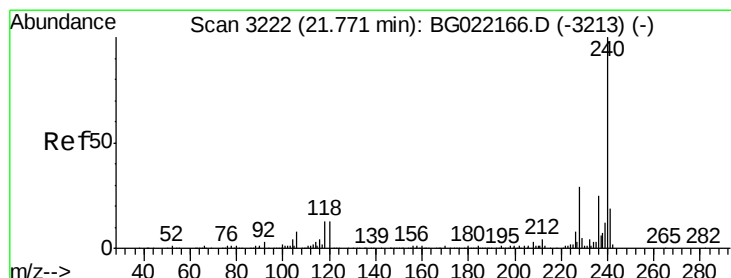
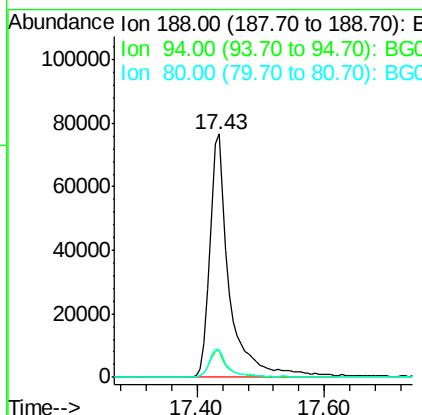
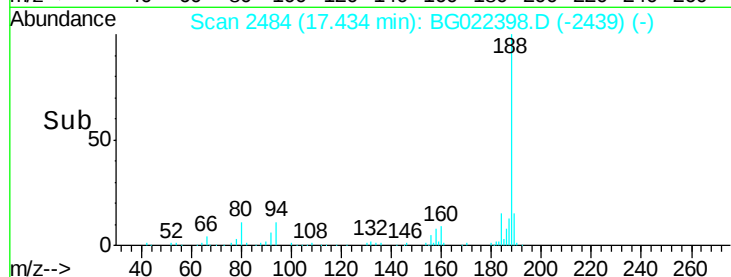
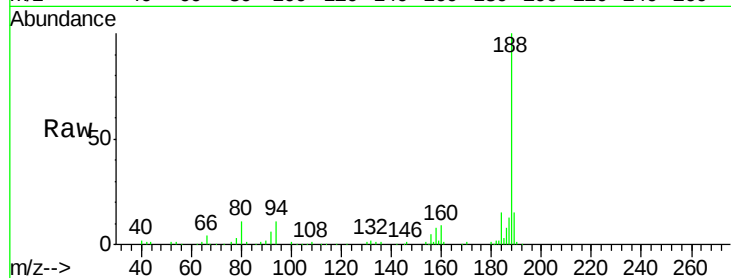




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2484
Delta R.T. -0.03 min
Lab File: BG022398.D
Acq: 17 Jun 2016 21:54

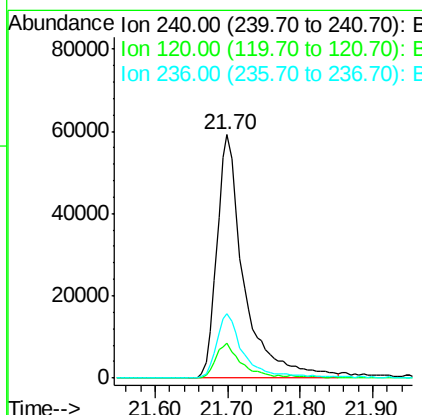
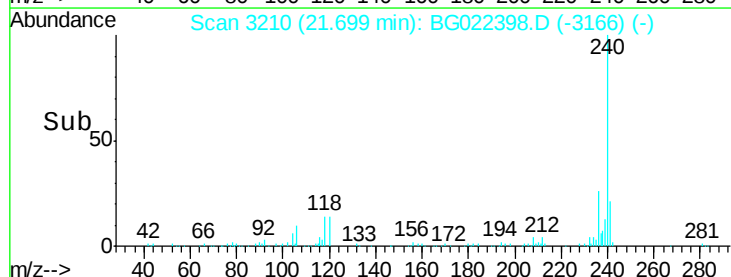
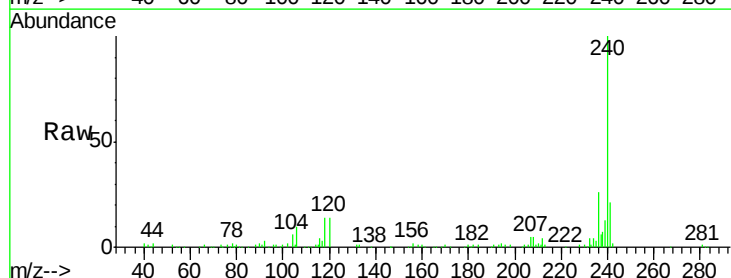
Instrument :
BNA_G
ClientSampleId :
PB91264BL

Tot Ion:188 Resp: 168229
Ion Ratio Lower Upper
188 100
94 11.3 7.5 11.3#
80 11.3 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.70 min Scan# 3210
Delta R.T. -0.04 min
Lab File: BG022398.D
Acq: 17 Jun 2016 21:54

Tgt Ion:240 Resp: 153608
Ion Ratio Lower Upper
240 100
120 14.4 8.4 12.6#
236 26.3 19.6 29.4





#78

Terphenyl-d14

Concen: 86.27 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.03 min

Lab File: BG022398.D

Acq: 17 Jun 2016 21:54

Instrument :

BNA_G

ClientSampleId :

PB91264BL

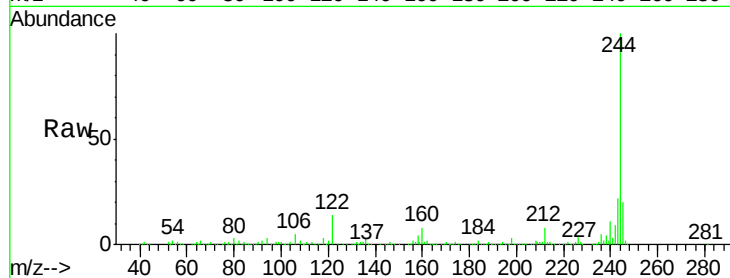
Tot Ion:244 Resp: 558193

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

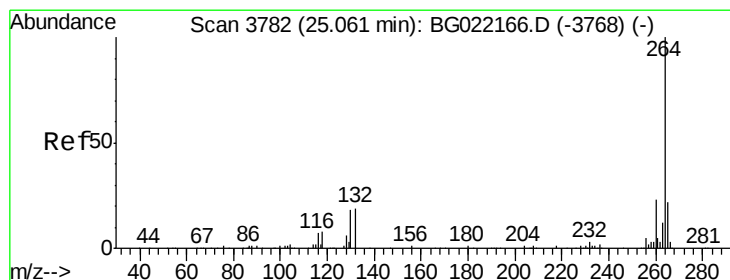
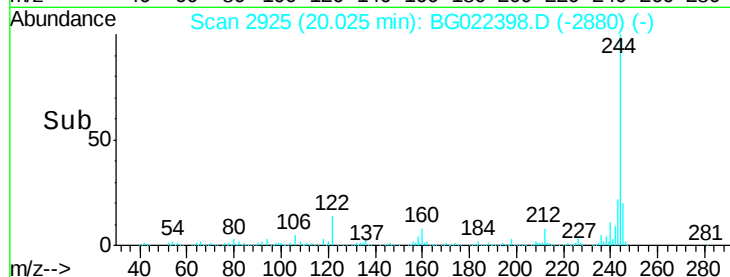
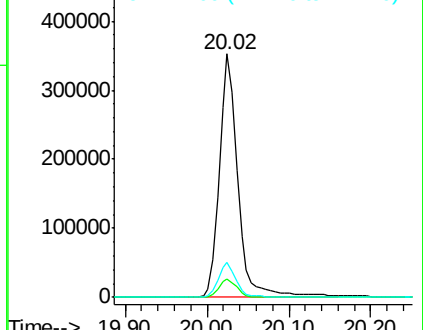
122 14.2 8.6 12.8#



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: 24.95 min Scan# 3763

Delta R.T. -0.06 min

Lab File: BG022398.D

Acq: 17 Jun 2016 21:54

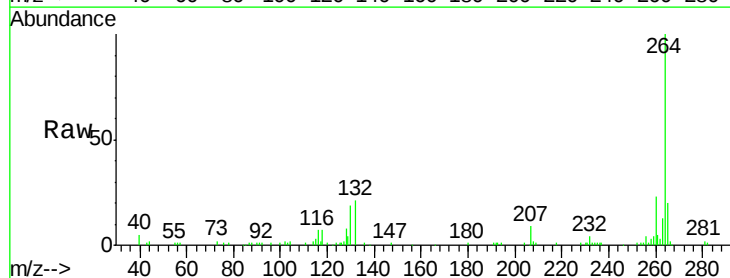
Tgt Ion:264 Resp: 134806

Ion Ratio Lower Upper

264 100

260 23.5 20.2 30.4

265 20.4 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

