

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022298.D
 Acq On : 10 Jun 2016 21:43
 Operator : UM/SJ
 Sample : PB91174BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91174BL

Quant Time: Jun 10 23:01:42 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	30465	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	139240	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	80182	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	180136	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	165521	20.00	ng	-0.02
86) Perylene-d12	25.05	264	154787	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	254815	161.72	ng	-0.01
7) Phenol-d6	7.27	99	348337	140.61	ng	0.00
23) Nitrobenzene-d5	9.28	82	180946	90.60	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	109405	120.75	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	456203	86.71	ng	-0.01
78) Terphenyl-d14	20.08	244	698082	100.13	ng	0.00

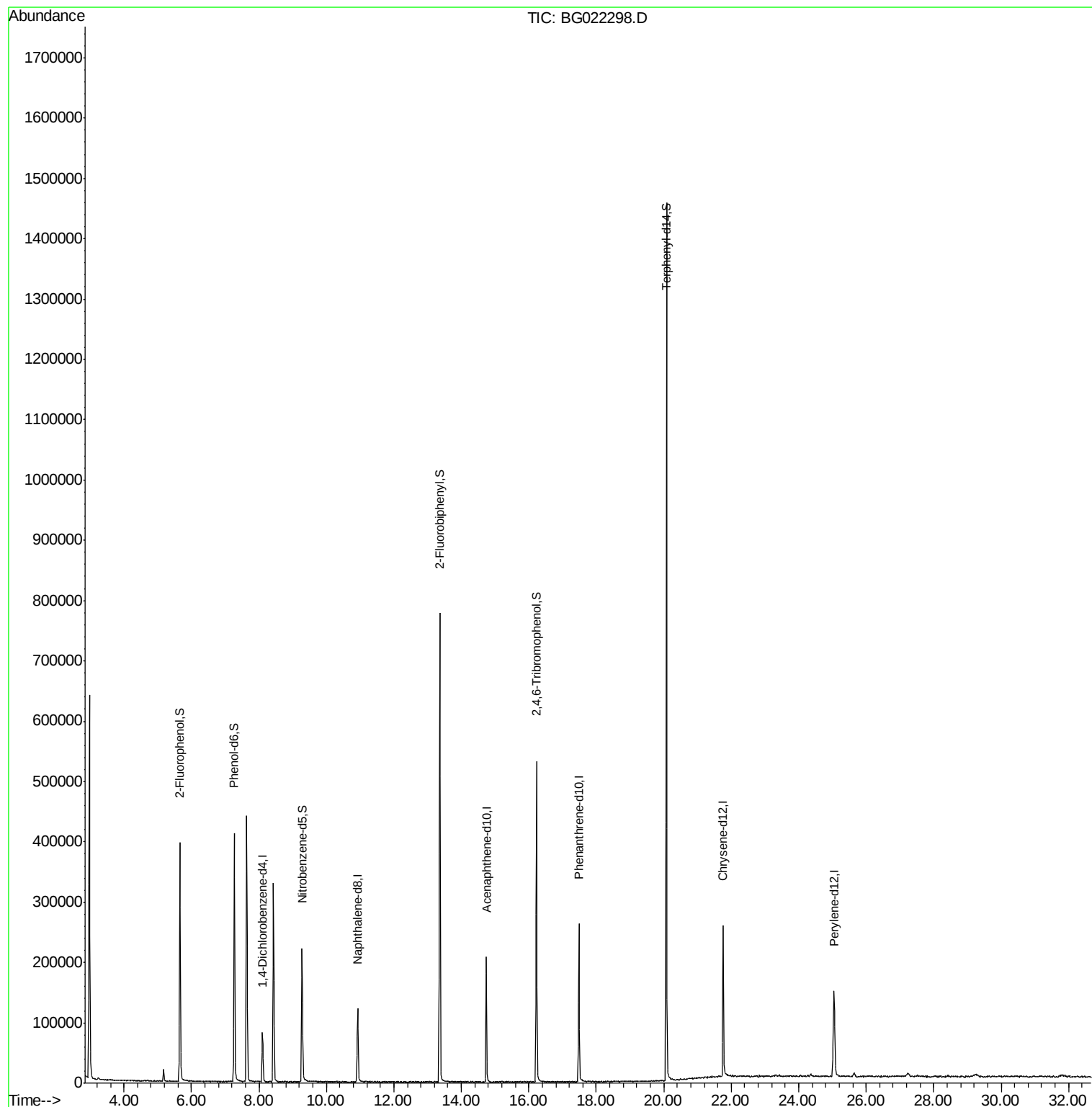
Target Compounds	Qvalue
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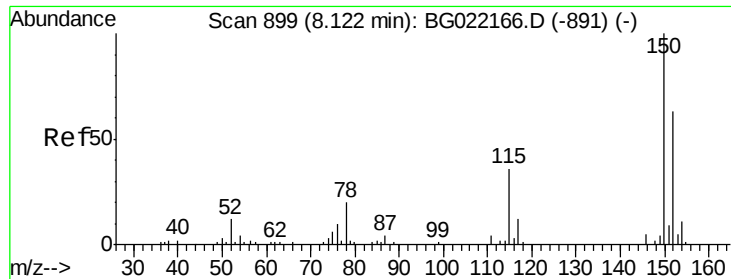
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG022298.D

Acq: 10 Jun 2016 21:43

Instrument :

BNA_G

ClientSampleId :

PB91174BL

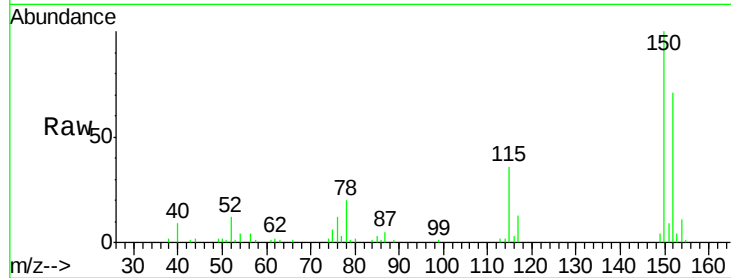
Tgt Ion:152 Resp: 30465

Ion Ratio Lower Upper

152 100

150 140.6 130.1 195.1

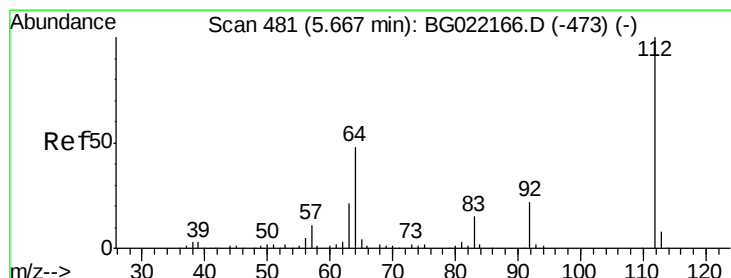
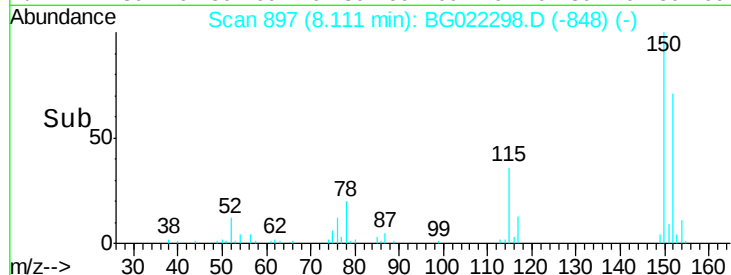
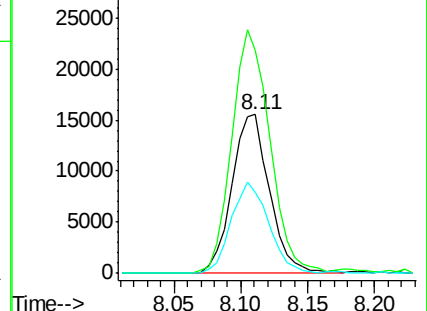
115 51.2 62.2 93.2#



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: 161.72 ng

RT: 5.66 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022298.D

Acq: 10 Jun 2016 21:43

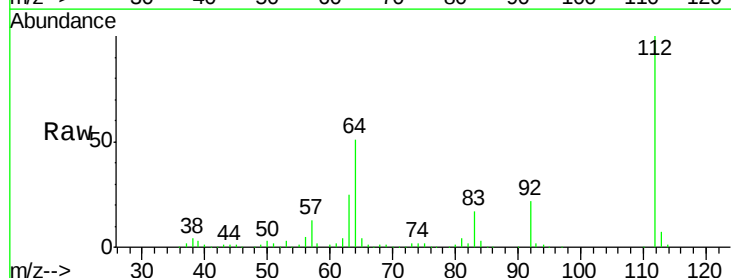
Tgt Ion:112 Resp: 254815

Ion Ratio Lower Upper

112 100

64 50.7 51.1 76.7#

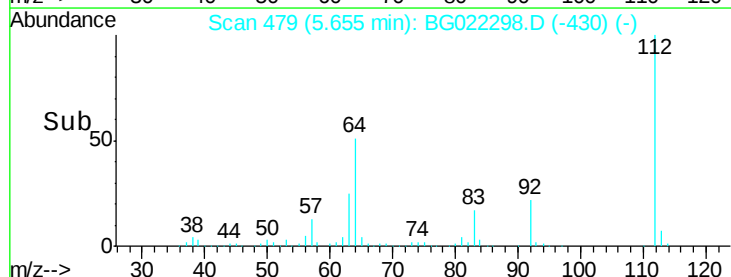
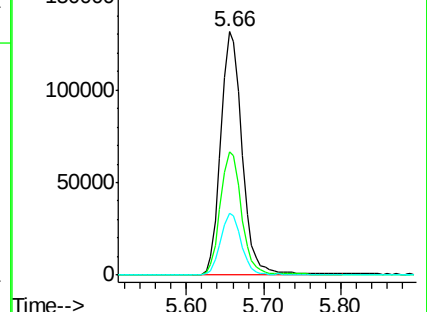
63 25.4 24.6 37.0

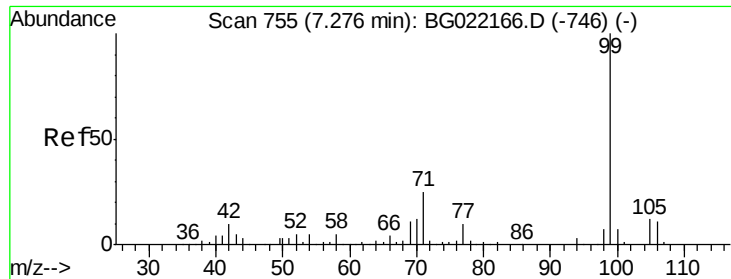


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 140.61 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022298.D

Acq: 10 Jun 2016 21:43

Instrument :

BNA_G

ClientSampleId :

PB91174BL

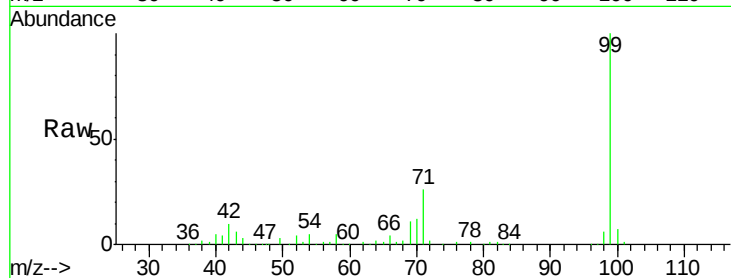
Tgt Ion: 99 Resp: 348337

Ion Ratio Lower Upper

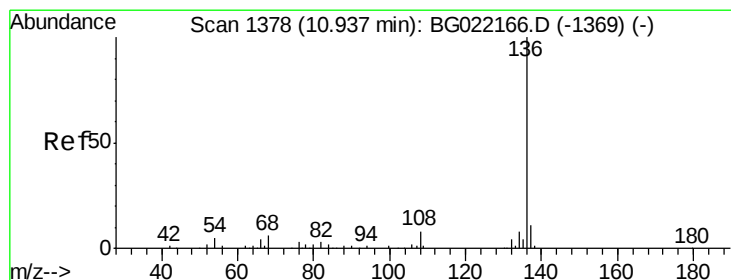
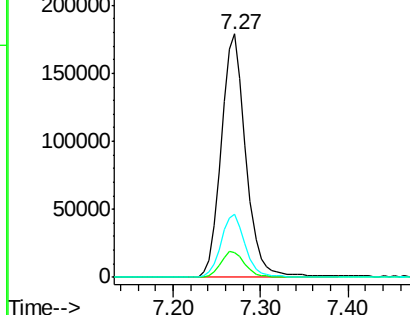
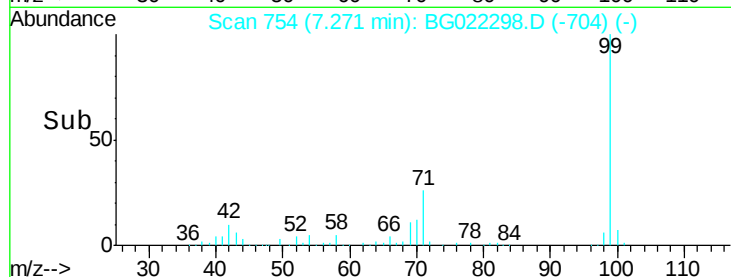
99 100

42 10.2 16.4 24.6#

71 25.7 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: 10.93 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG022298.D

Acq: 10 Jun 2016 21:43

Tgt Ion: 136 Resp: 139240

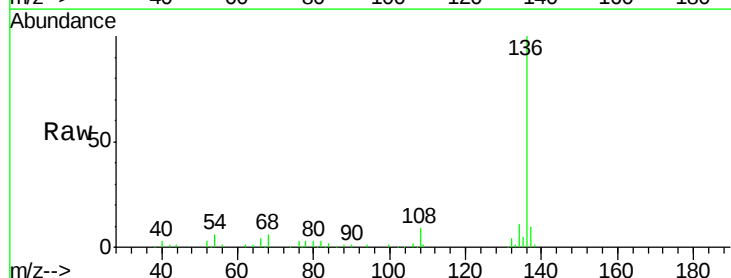
Ion Ratio Lower Upper

136 100

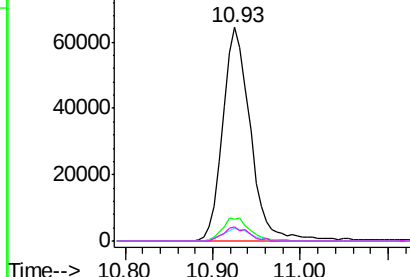
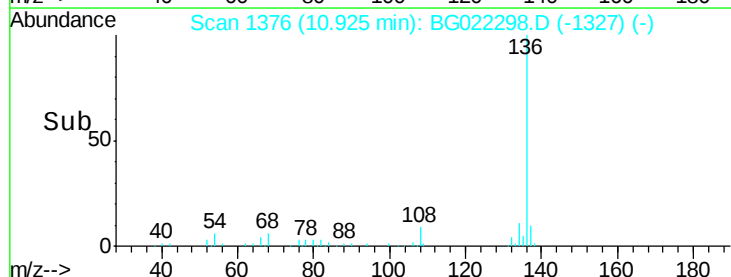
137 10.4 9.0 13.4

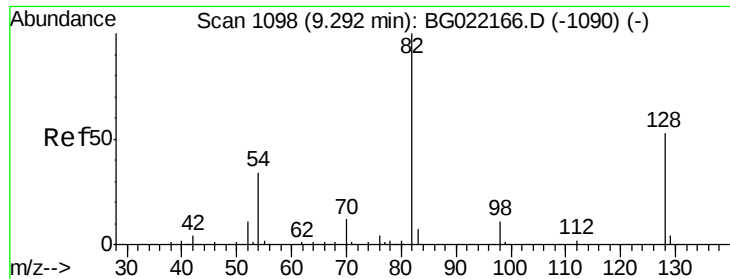
54 5.8 9.6 14.4#

68 6.4 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

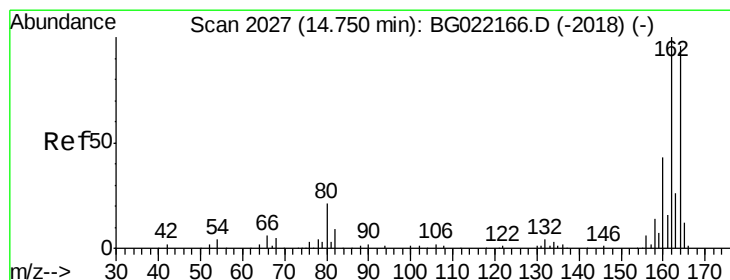
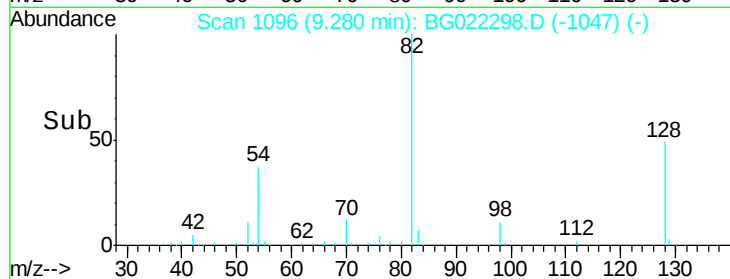
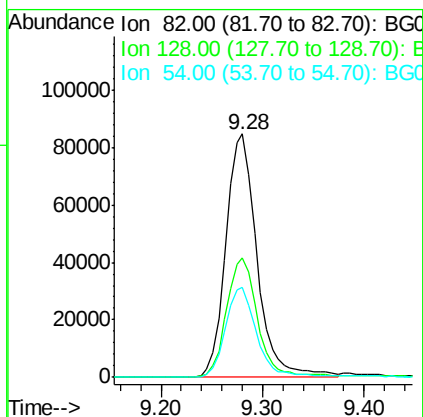
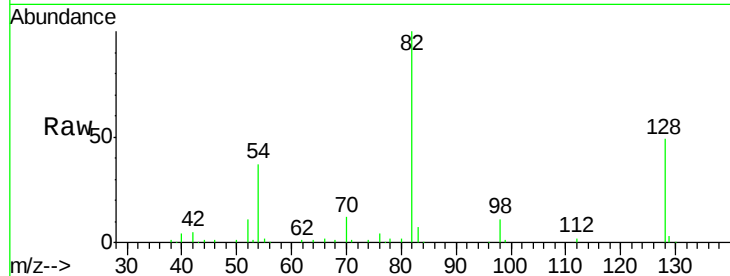




#23
 Nitrobenzene-d5
 Concen: 90.60 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG022298.D
 Acq: 10 Jun 2016 21:43

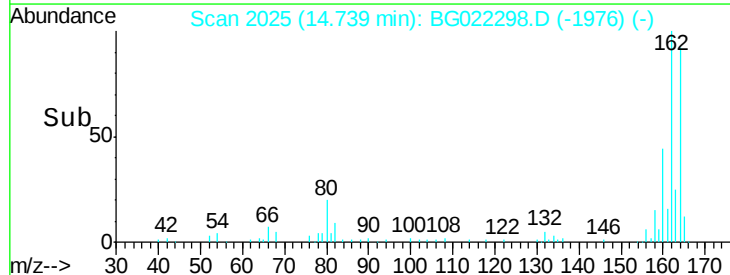
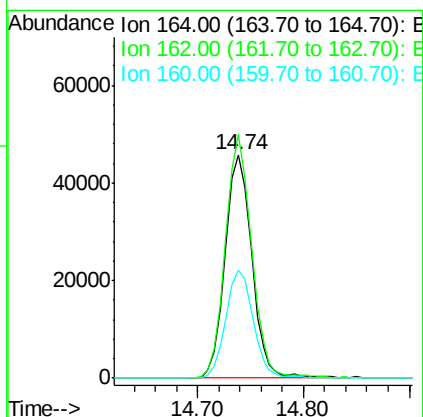
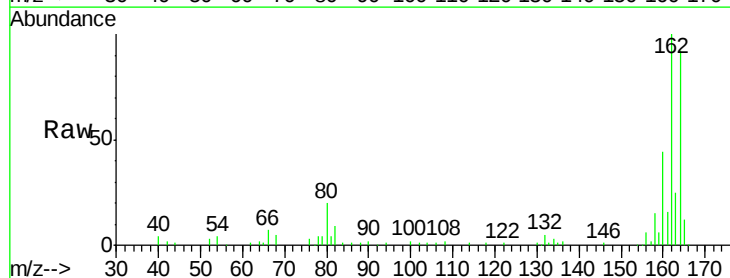
Instrument :
 BNA_G
 ClientSampleId :
 PB91174BL

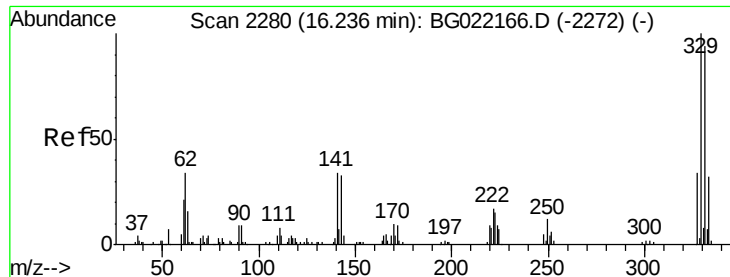
Tgt Ion: 82 Resp: 180946
 Ion Ratio Lower Upper
 82 100
 128 49.1 33.4 50.0
 54 37.0 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022298.D
 Acq: 10 Jun 2016 21:43

Tgt Ion: 164 Resp: 80182
 Ion Ratio Lower Upper
 164 100
 162 109.1 78.0 117.0
 160 48.4 32.9 49.3

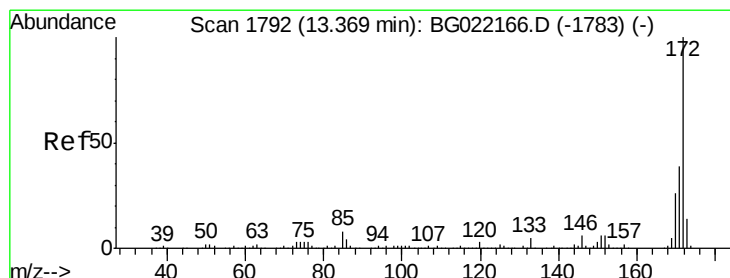
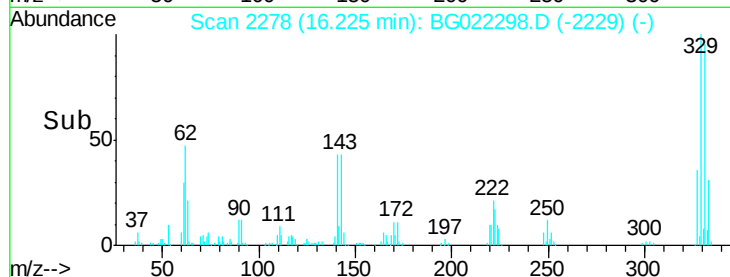
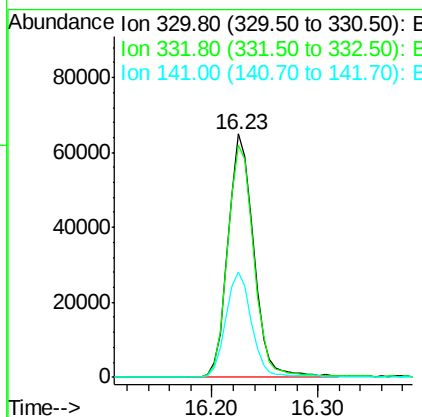
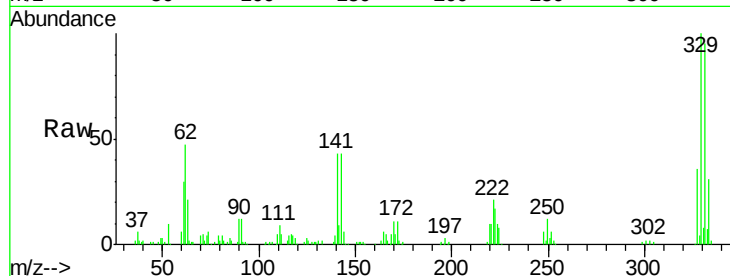




#41
 2,4,6-Tribromophenol
 Concen: 120.75 ng
 RT: 16.23 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG022298.D
 Acq: 10 Jun 2016 21:43

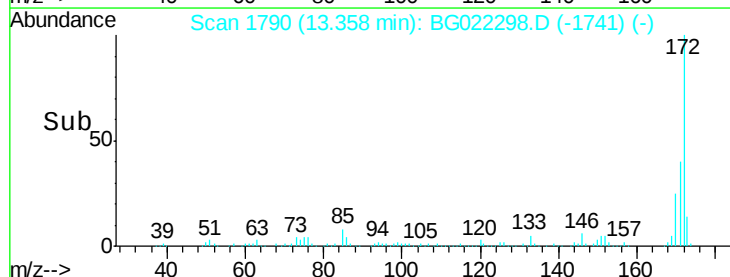
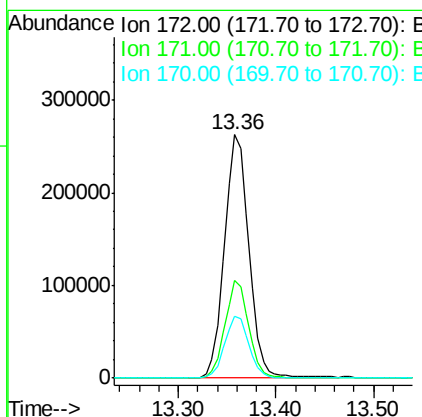
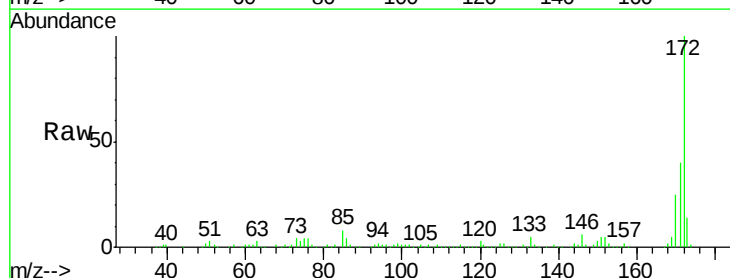
Instrument :
 BNA_G
 ClientSampleId :
 PB91174BL

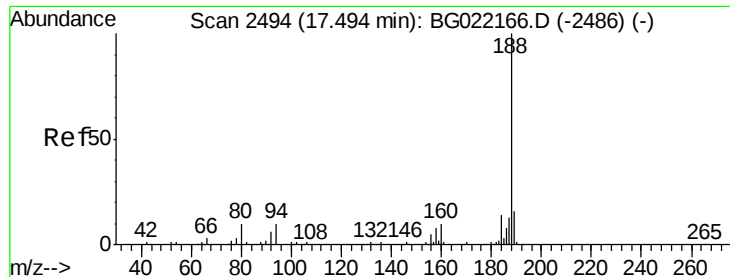
Tgt Ion:330 Resp: 109405
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.0 117.0
 141 43.4 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 86.71 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG022298.D
 Acq: 10 Jun 2016 21:43

Tgt Ion:172 Resp: 456203
 Ion Ratio Lower Upper
 172 100
 171 39.9 27.8 41.6
 170 25.4 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG022298.D

Acq: 10 Jun 2016 21:43

Instrument :

BNA_G

ClientSampleId :

PB91174BL

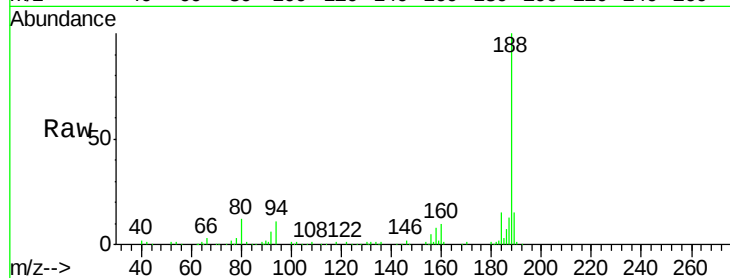
Tgt Ion:188 Resp: 180136

Ion Ratio Lower Upper

188 100

94 11.4 7.5 11.3#

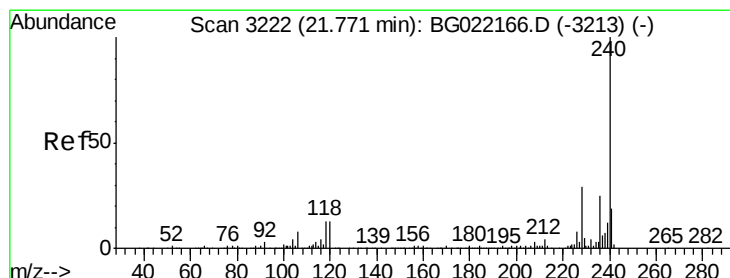
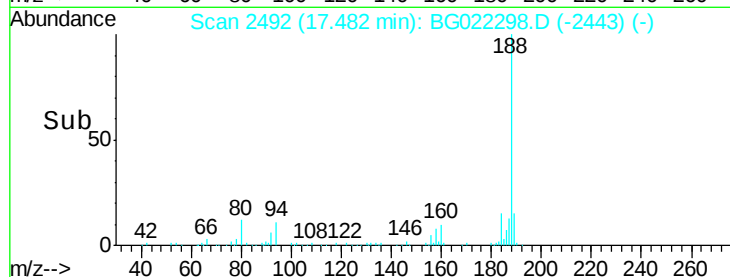
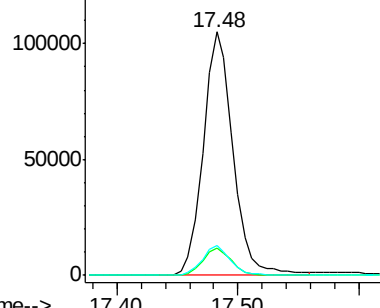
80 12.0 8.6 13.0



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: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG022298.D

Acq: 10 Jun 2016 21:43

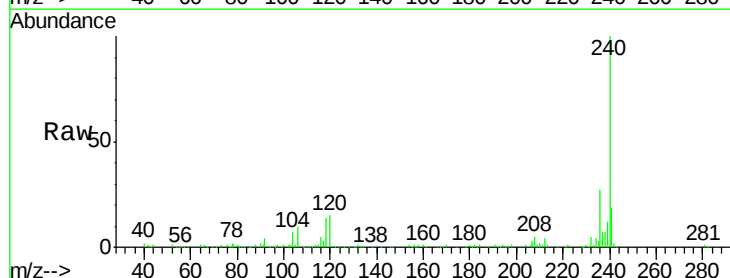
Tgt Ion:240 Resp: 165521

Ion Ratio Lower Upper

240 100

120 15.1 8.4 12.6#

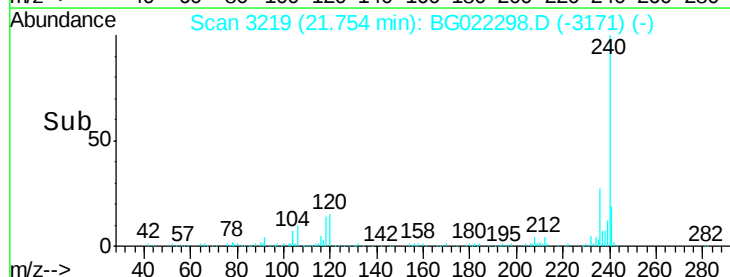
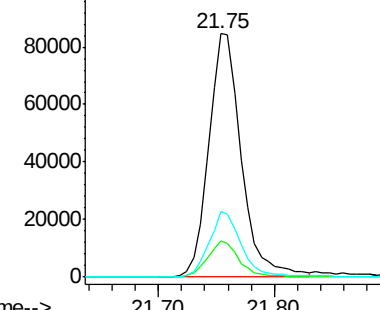
236 26.8 19.6 29.4

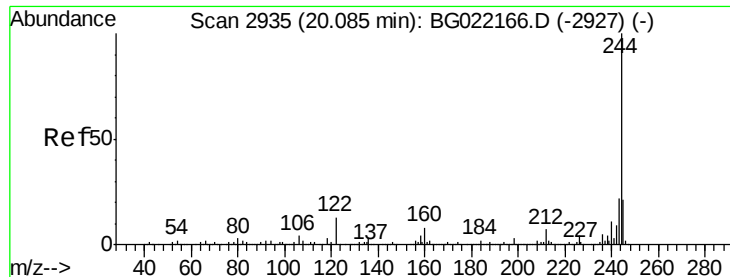


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.13 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022298.D

Acq: 10 Jun 2016 21:43

Instrument :

BNA_G

ClientSampleId :

PB91174BL

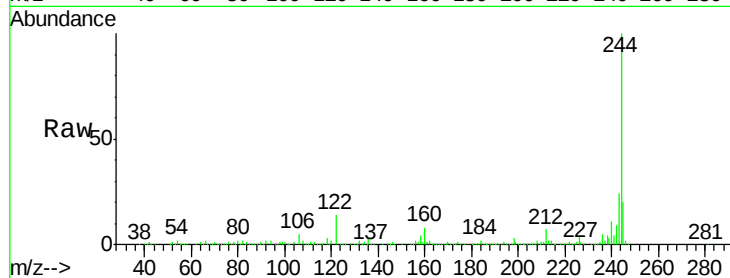
Tgt Ion:244 Resp: 698082

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

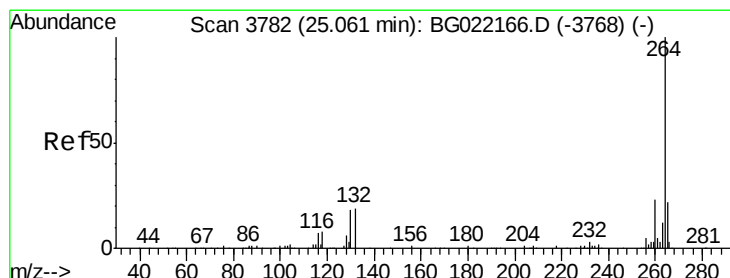
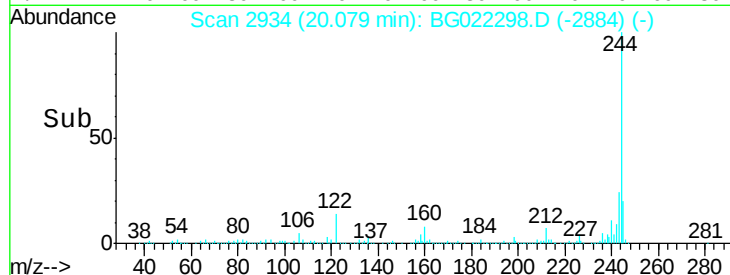
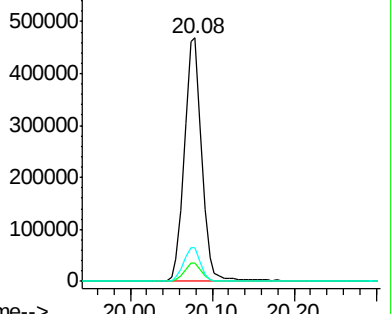
122 13.6 8.6 12.8#



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: 25.05 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BG022298.D

Acq: 10 Jun 2016 21:43

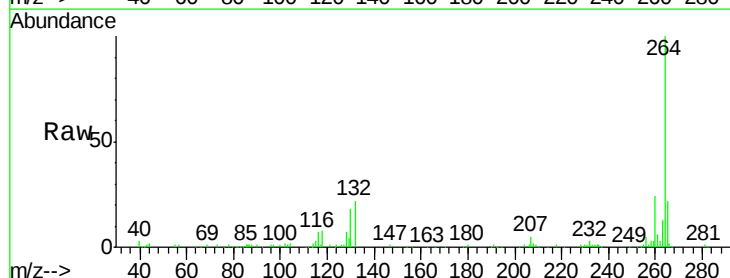
Tgt Ion:264 Resp: 154787

Ion Ratio Lower Upper

264 100

260 24.2 20.2 30.4

265 21.7 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

