

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
 Data File : BG025985.D
 Acq On : 28 Feb 2017 5:02
 Operator : SJ/MA
 Sample : I2000-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-NORTH(0-2)

Quant Time: Feb 28 05:50:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 15:48:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	88059	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	408416	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	284650	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	823354	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	862993	20.00	ng	-0.02
86) Perylene-d12	24.85	264	833428	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	786741	155.55	ng	-0.01
7) Phenol-d6	7.23	99	1024827	136.92	ng	0.00
23) Nitrobenzene-d5	9.23	82	627833	97.01	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	571156	217.18	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1712114	105.10	ng	-0.01
78) Terphenyl-d14	20.00	244	2876428	81.07	ng	-0.02

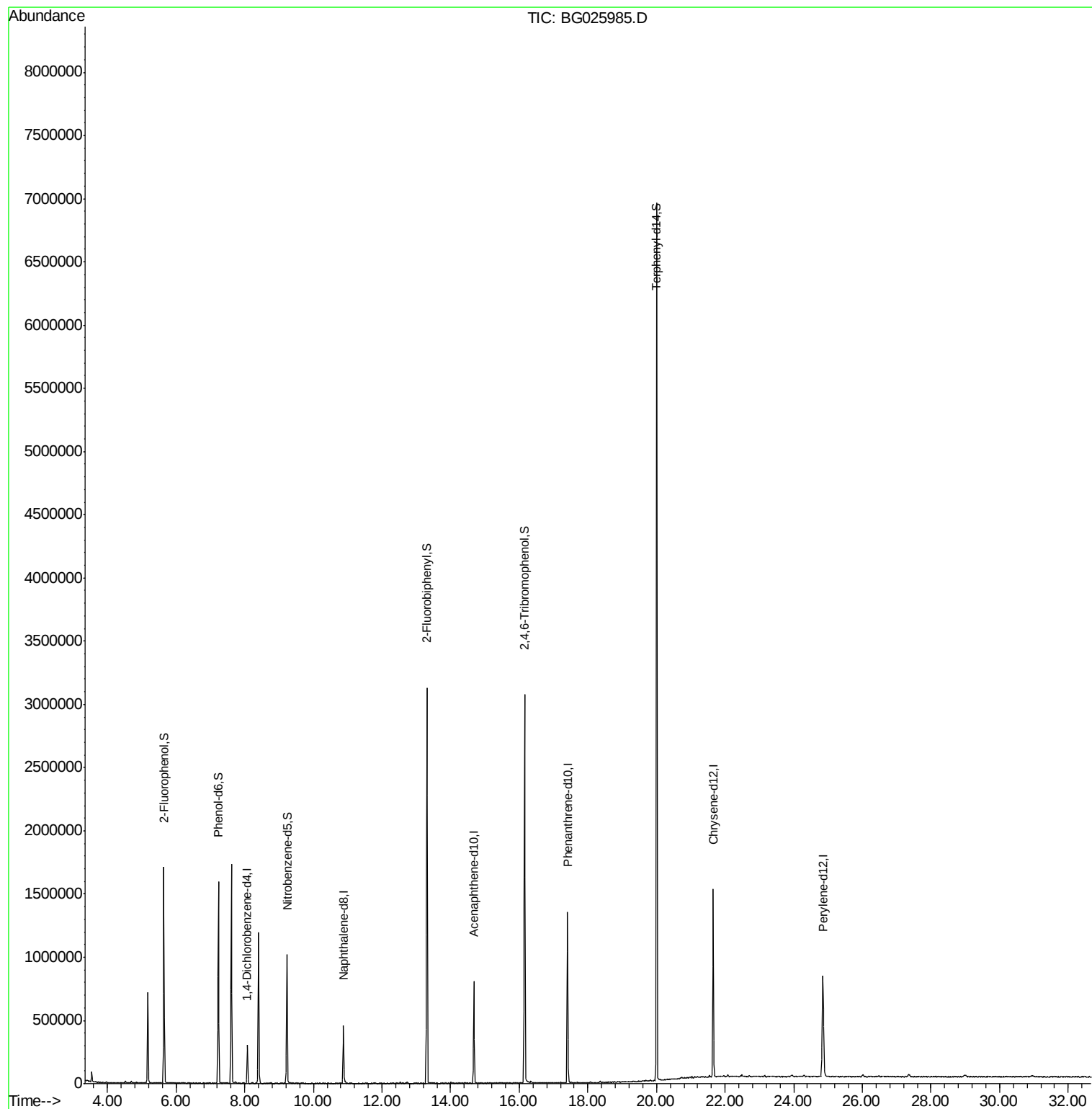
Target Compounds Qvalue

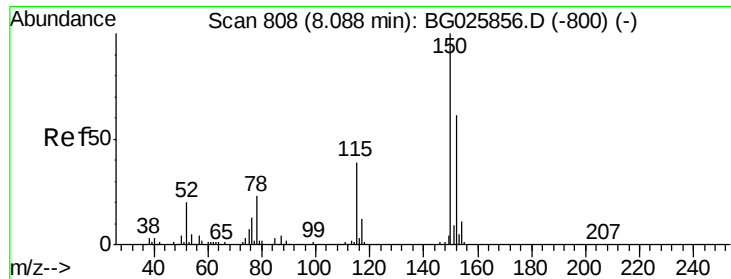
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG025985.D

Acq: 28 Feb 2017 5:02

Instrument :

BNA_G

ClientSampleId :

SP-NORTH(0-2)

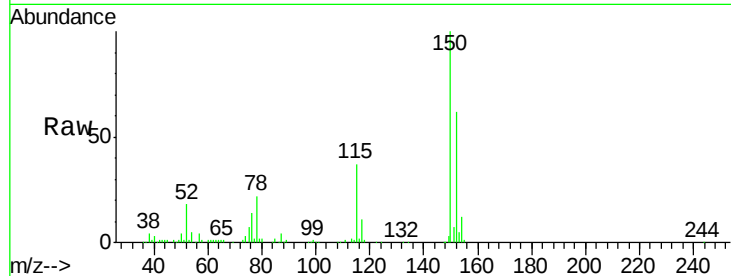
Tot Ion:152 Resp: 88059

Ion Ratio Lower Upper

152 100

150 161.3 114.0 171.0

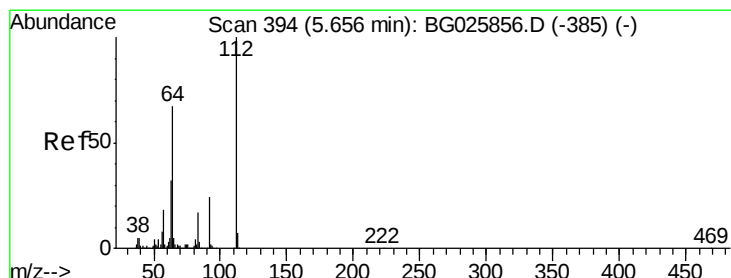
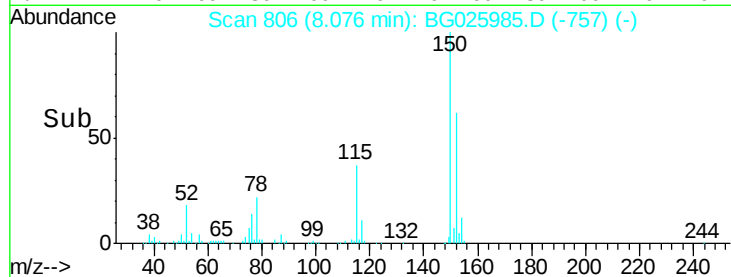
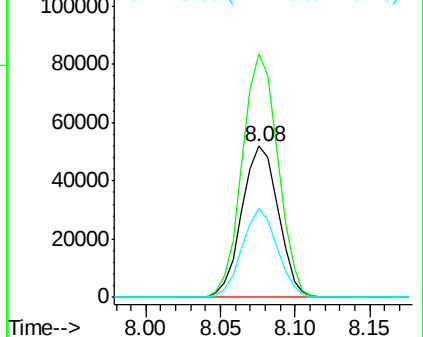
115 58.9 48.1 72.1



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: 155.55 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG025985.D

Acq: 28 Feb 2017 5:02

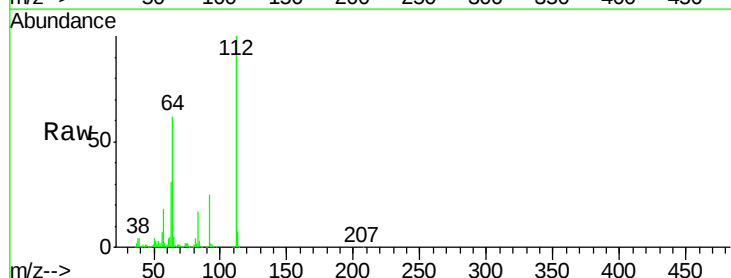
Tgt Ion:112 Resp: 786741

Ion Ratio Lower Upper

112 100

64 62.3 61.8 92.6

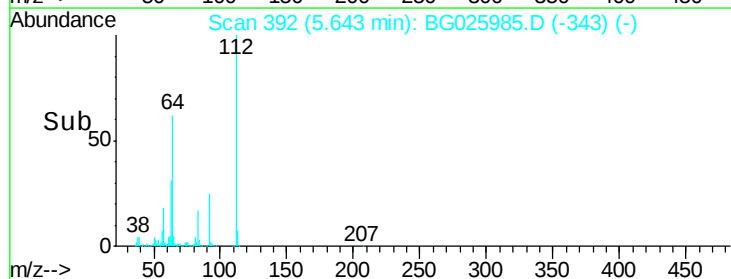
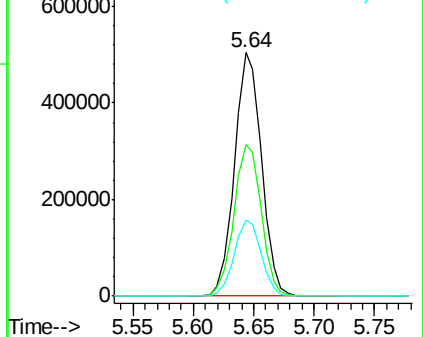
63 30.9 37.2 55.8#

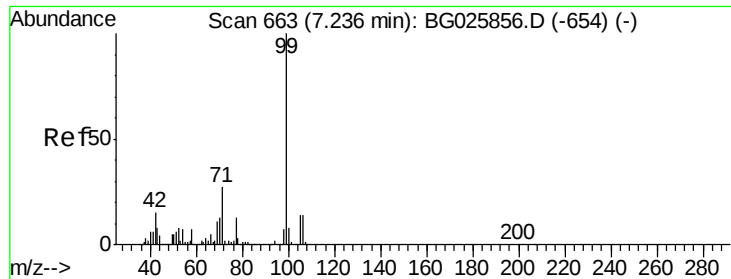


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.92 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG025985.D

Acq: 28 Feb 2017 5:02

Instrument :

BNA_G

ClientSampleId :

SP-NORTH(0-2)

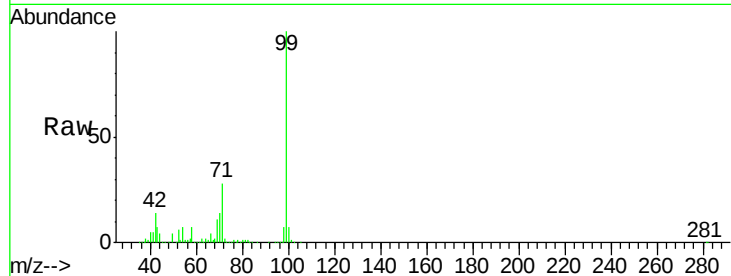
Tot Ion: 99 Resp: 1024827

Ion Ratio Lower Upper

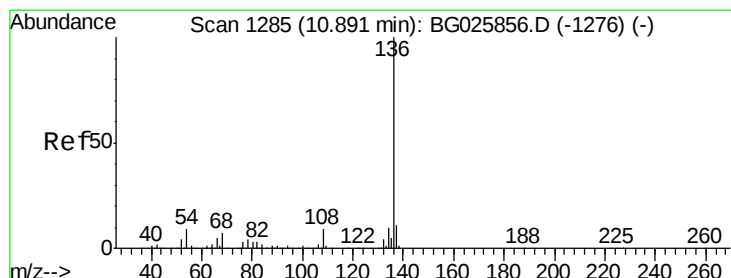
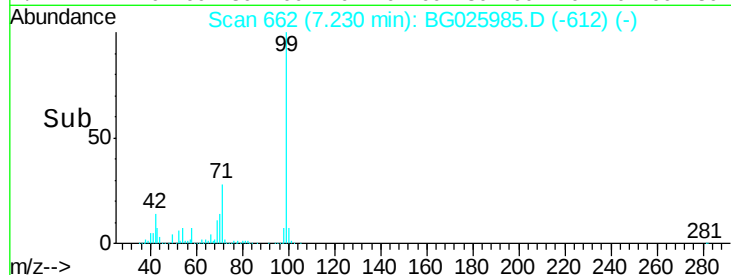
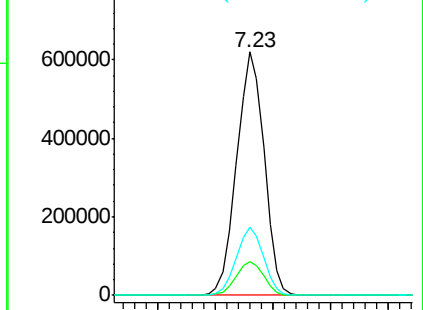
99 100

42 14.1 20.5 30.7#

71 27.8 37.6 56.4#



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: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG025985.D

Acq: 28 Feb 2017 5:02

Tgt Ion: 136 Resp: 408416

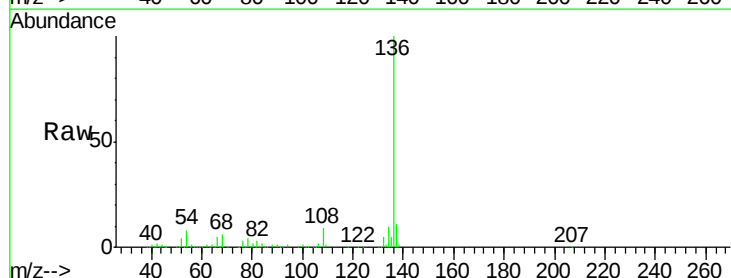
Ion Ratio Lower Upper

136 100

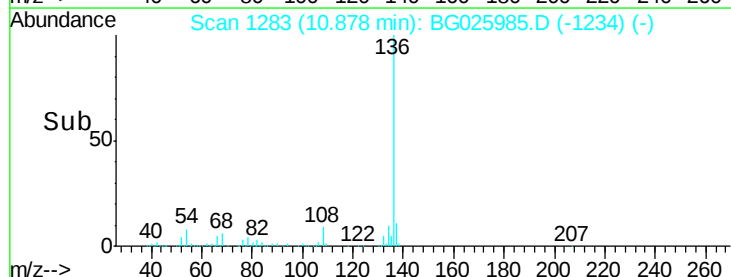
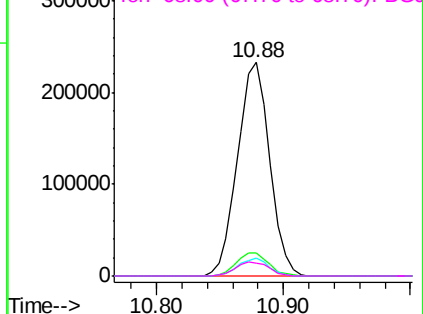
137 10.9 8.9 13.3

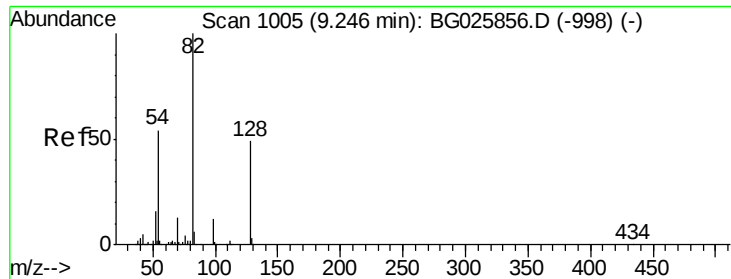
54 8.5 9.3 13.9#

68 6.0 5.1 7.7



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

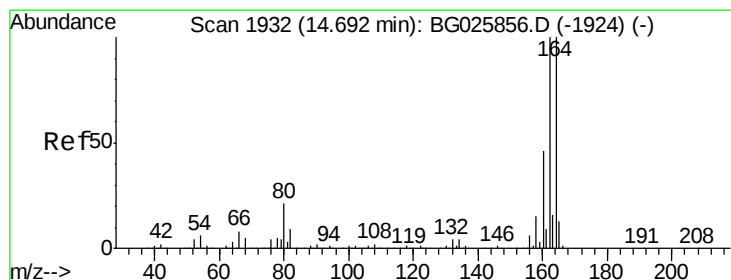
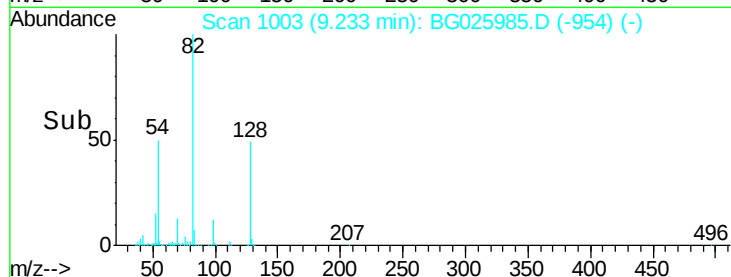
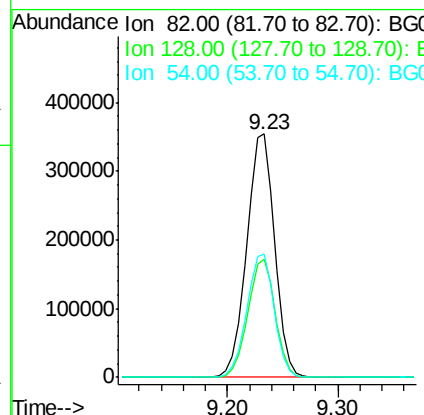
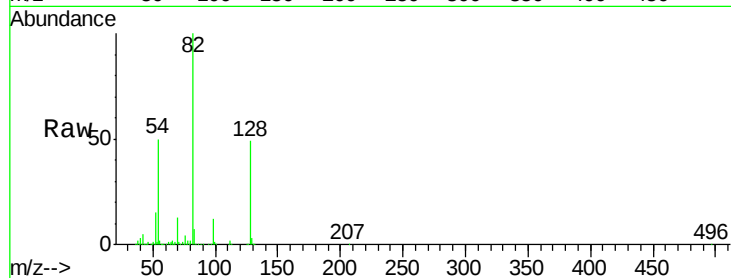




#23
 Nitrobenzene-d5
 Concen: 97.01 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG025985.D
 Acq: 28 Feb 2017 5:02

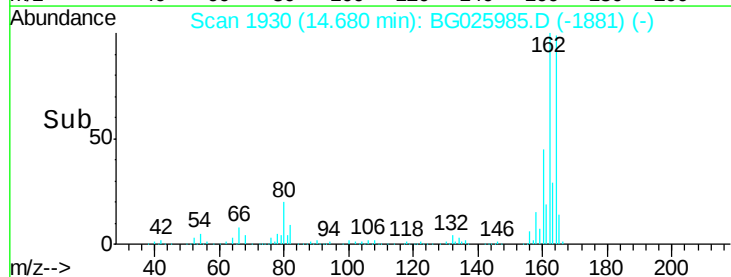
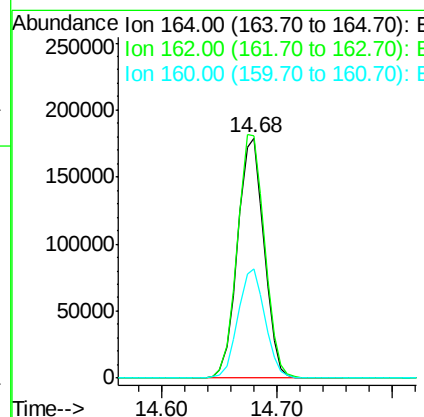
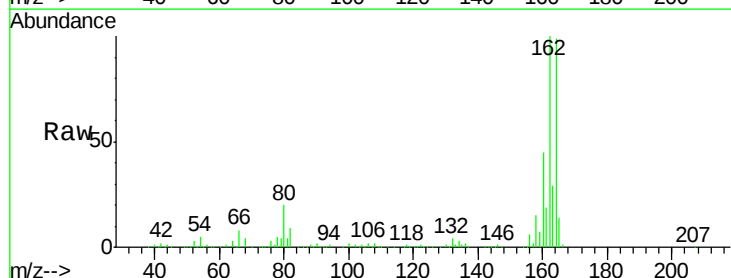
Instrument :
 BNA_G
 ClientSampleId :
 SP-NORTH(0-2)

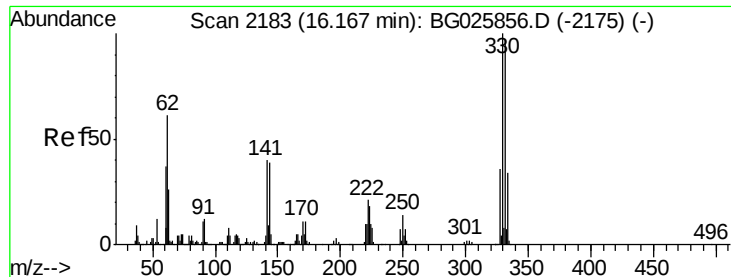
Tot Ion: 82 Resp: 627833
 Ion Ratio Lower Upper
 82 100
 128 48.8 26.4 39.6#
 54 50.5 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG025985.D
 Acq: 28 Feb 2017 5:02

Tgt Ion: 164 Resp: 284650
 Ion Ratio Lower Upper
 164 100
 162 100.6 85.1 127.7
 160 45.7 34.7 52.1

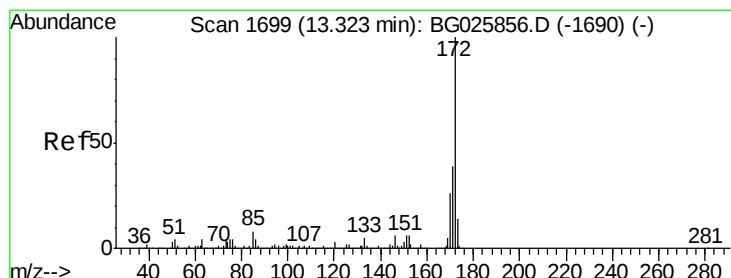
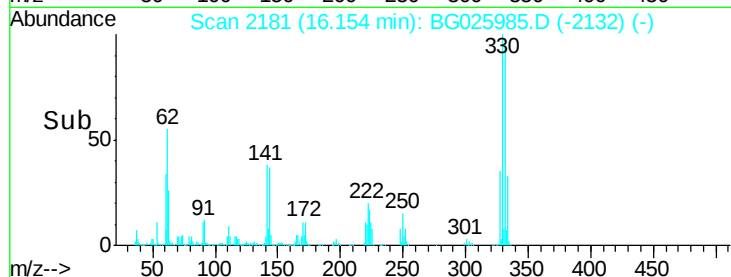
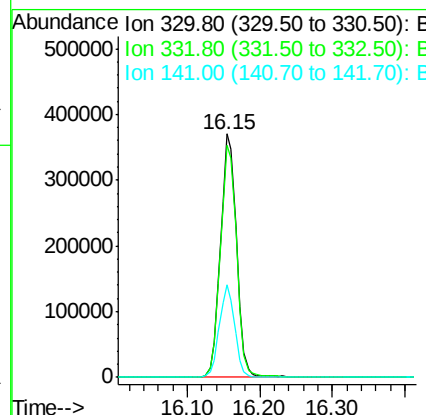
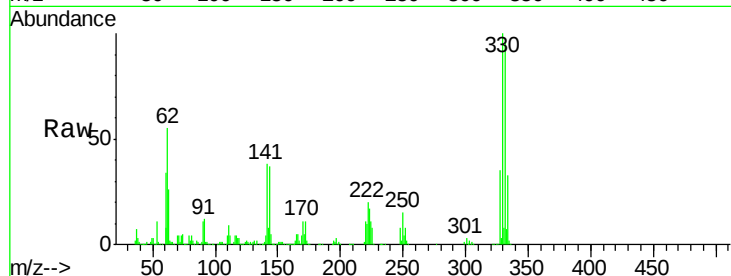




#41
 2,4,6-Tribromophenol
 Concen: 217.18 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG025985.D
 Acq: 28 Feb 2017 5:02

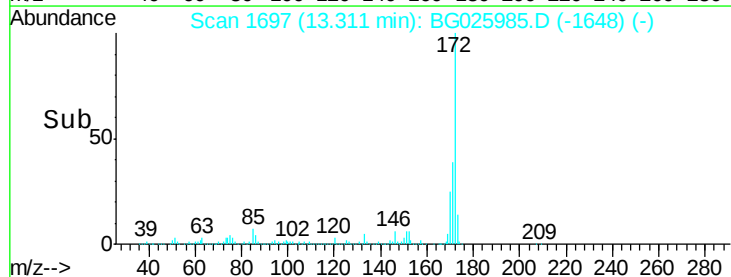
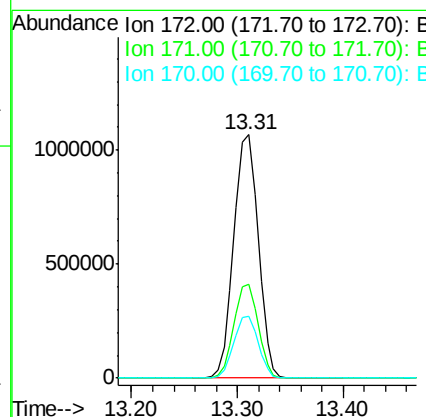
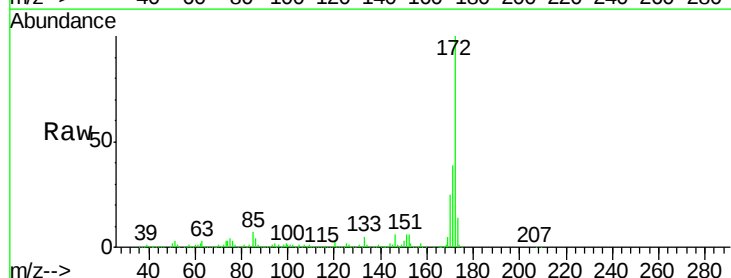
Instrument :
 BNA_G
 ClientSampleId :
 SP-NORTH(0-2)

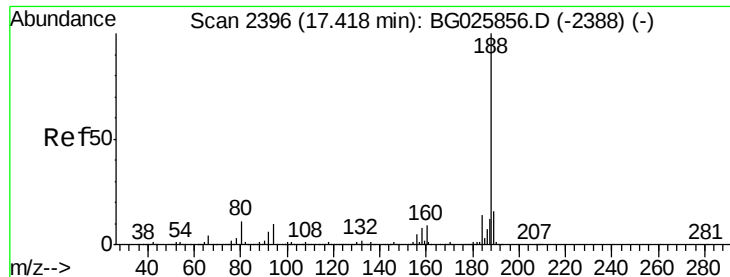
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	36.3	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 105.10 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG025985.D
 Acq: 28 Feb 2017 5:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.2	48.2
170	25.5	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG025985.D

Acq: 28 Feb 2017 5:02

Instrument :

BNA_G

ClientSampleId :

SP-NORTH(0-2)

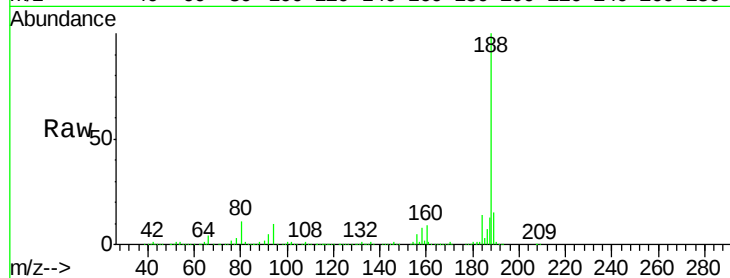
Tot Ion:188 Resp: 823354

Ion Ratio Lower Upper

188 100

94 9.6 5.8 8.8#

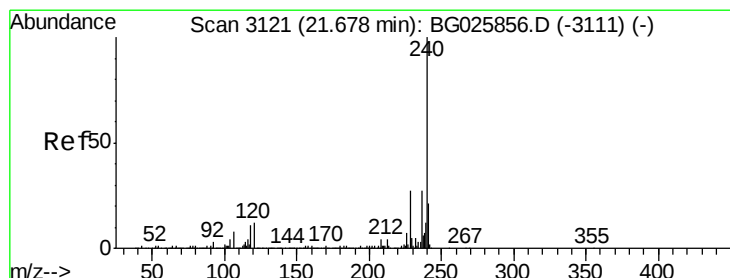
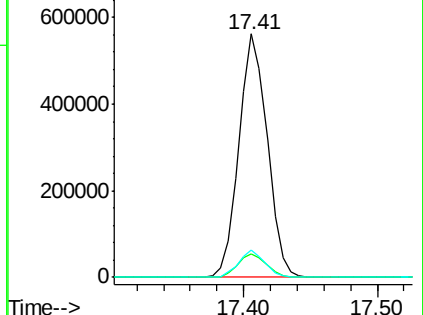
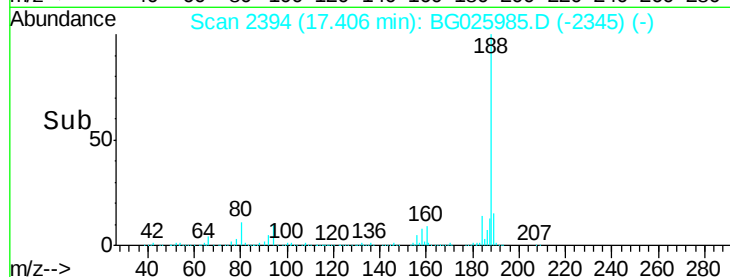
80 11.2 7.5 11.3



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: 21.65 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BG025985.D

Acq: 28 Feb 2017 5:02

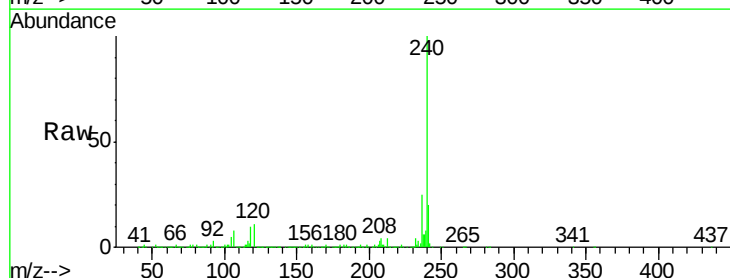
Tgt Ion:240 Resp: 862993

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

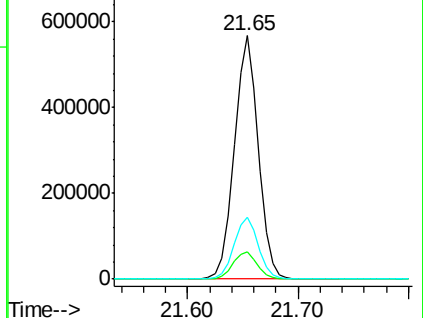
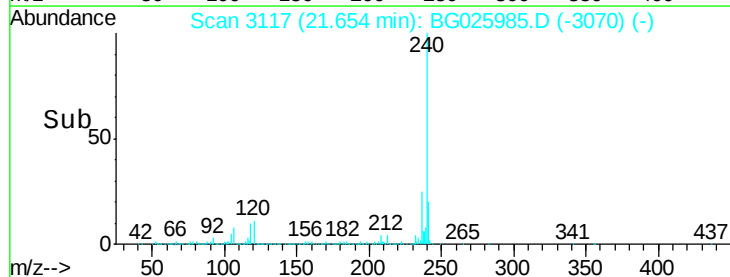
236 25.4 22.2 33.4

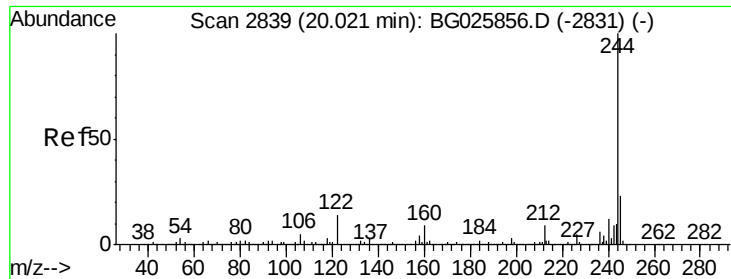


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.07 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG025985.D

Acq: 28 Feb 2017 5:02

Instrument :

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ClientSampleId :

SP-NORTH(0-2)

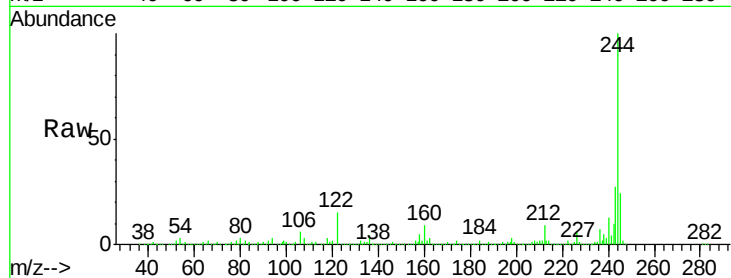
Tot Ion:244 Resp: 2876428

Ion Ratio Lower Upper

244 100

212 9.3 10.0 15.0#

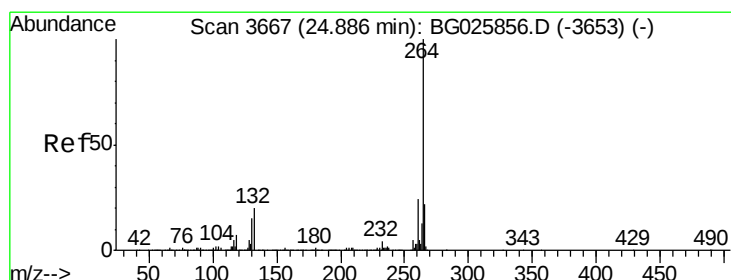
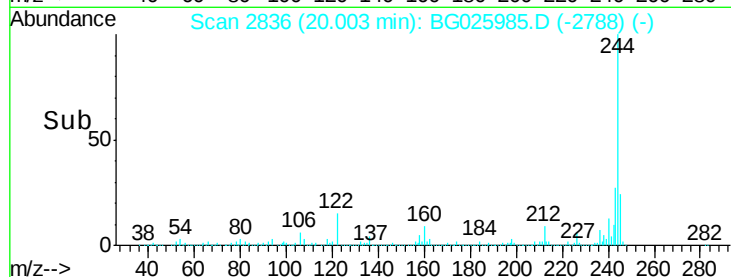
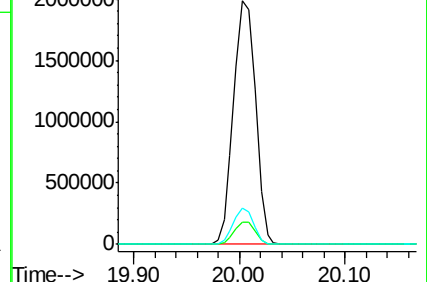
122 14.8 8.6 12.8#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3661

Delta R.T. -0.04 min

Lab File: BG025985.D

Acq: 28 Feb 2017 5:02

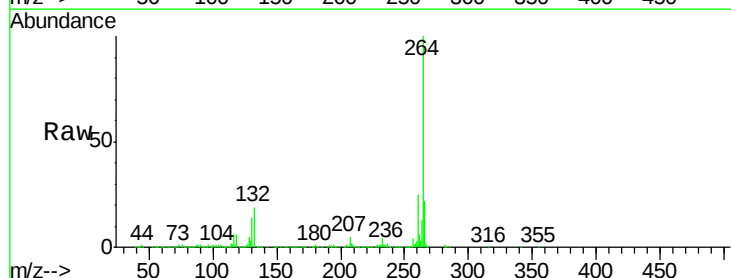
Tgt Ion:264 Resp: 833428

Ion Ratio Lower Upper

264 100

260 24.8 21.8 32.8

265 22.0 18.2 27.4



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

