

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026581.D
 Acq On : 7 Apr 2017 1:00
 Operator : SJ/MA
 Sample : I2532-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Apr 07 02:04:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	158989	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	645629	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	358139	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	878060	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1100188	20.00	ng	0.00
86) Perylene-d12	24.81	264	1070905	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	584493	65.25	ng	0.00
7) Phenol-d6	7.20	99	458375	38.12	ng	0.00
23) Nitrobenzene-d5	9.20	82	886265	82.54	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	684142	166.81	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2428160	95.08	ng	0.00
78) Terphenyl-d14	19.98	244	3395006	74.94	ng	0.00

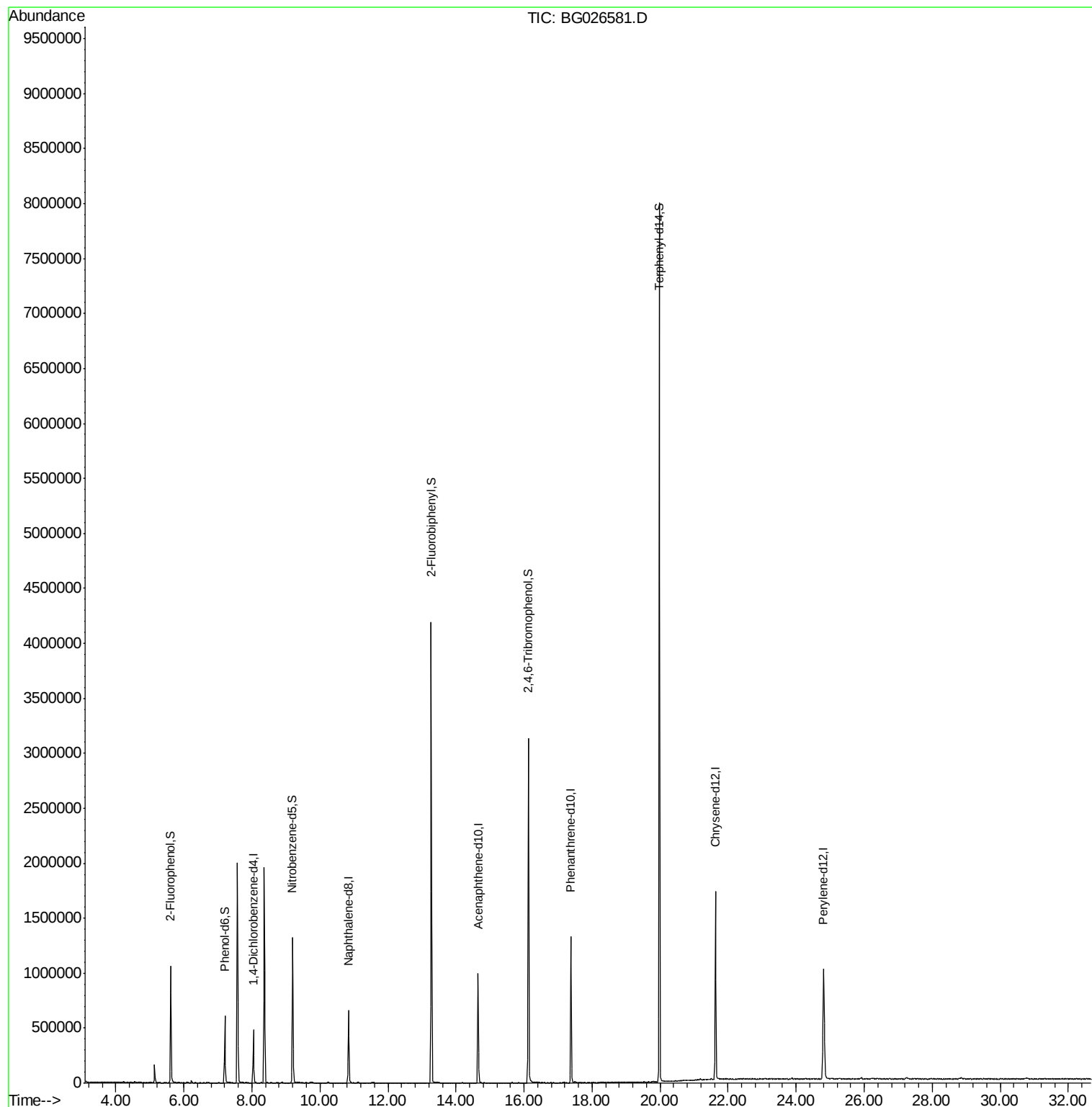
Target Compounds Qvalue

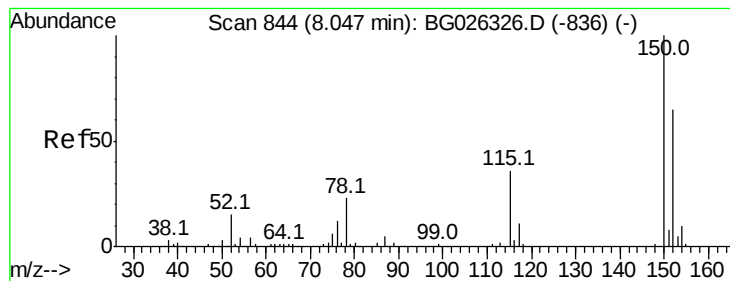
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG026581.D

Acq: 7 Apr 2017 1:00

Instrument :

BNA_G

ClientSampleId :

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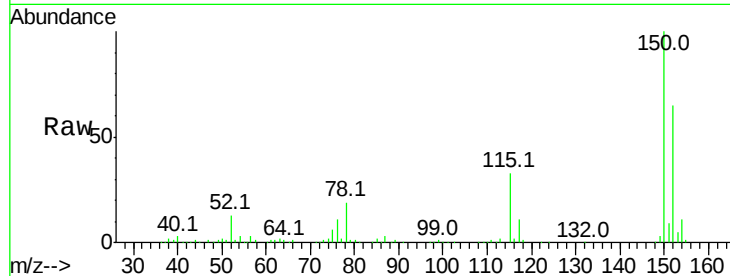
Tot Ion:152 Resp: 158989

Ion Ratio Lower Upper

152 100

150 155.0 114.0 171.0

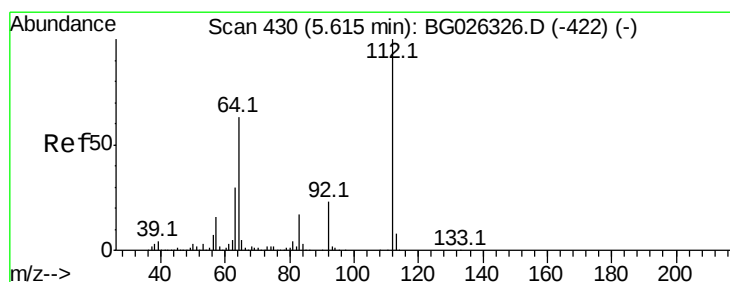
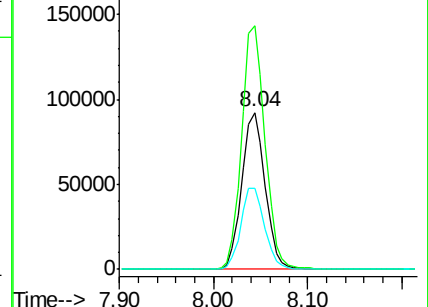
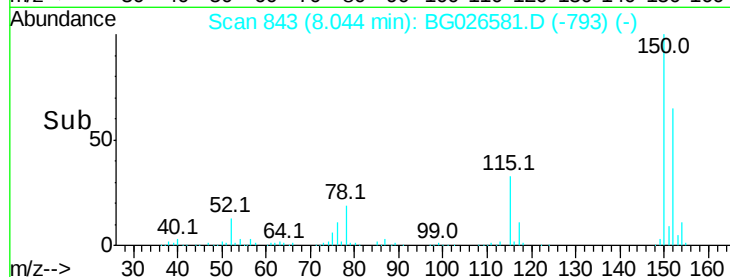
115 51.7 48.1 72.1



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: 65.25 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026581.D

Acq: 7 Apr 2017 1:00

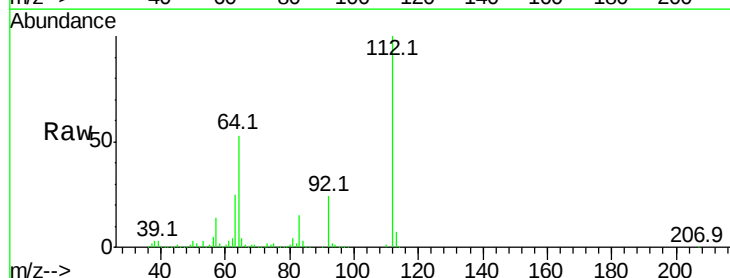
Tgt Ion:112 Resp: 584493

Ion Ratio Lower Upper

112 100

64 53.0 61.8 92.6#

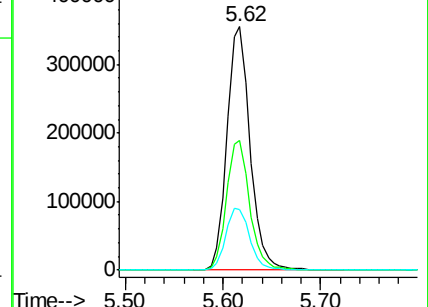
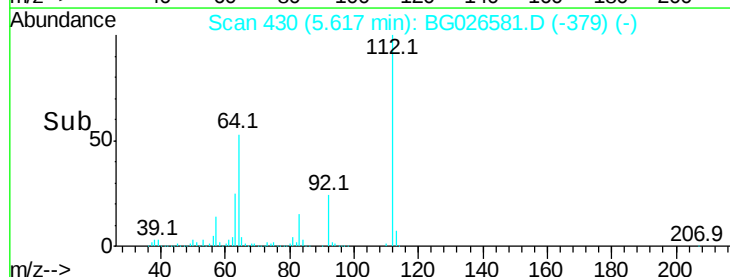
63 25.1 37.2 55.8#

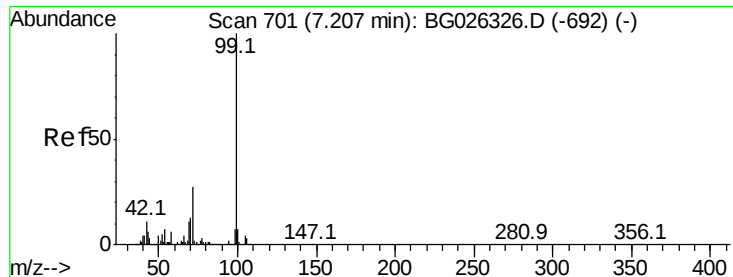


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.12 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026581.D

Acq: 7 Apr 2017 1:00

Instrument :

BNA_G

ClientSampleId :

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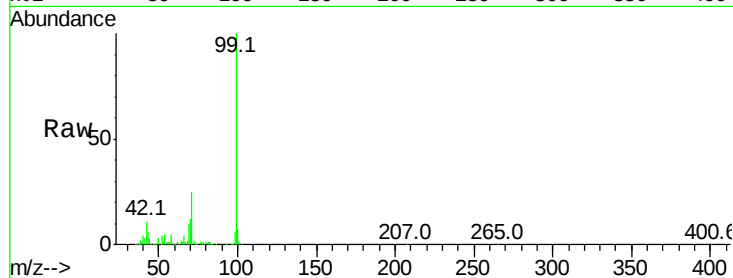
Tot Ion: 99 Resp: 458375

Ion Ratio Lower Upper

99 100

42 10.9 20.5 30.7#

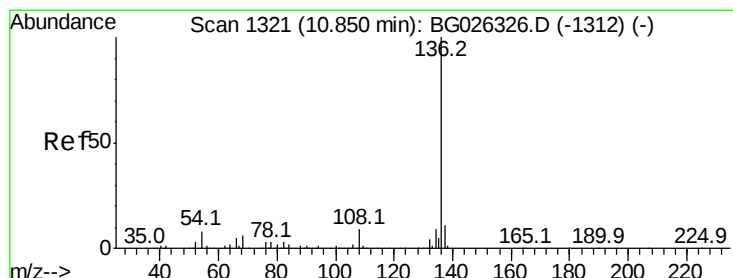
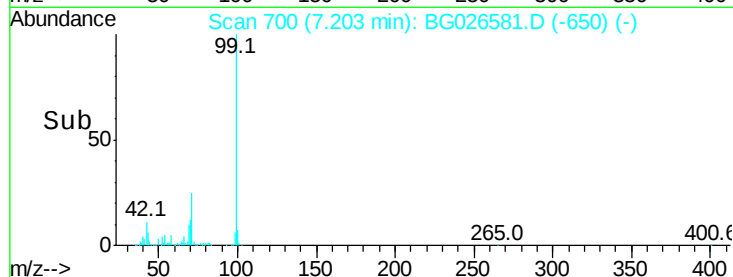
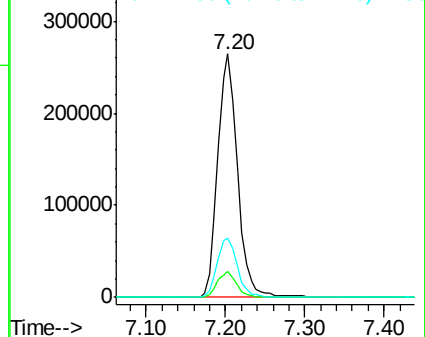
71 24.6 37.6 56.4#



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: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG026581.D

Acq: 7 Apr 2017 1:00

Tgt Ion: 136 Resp: 645629

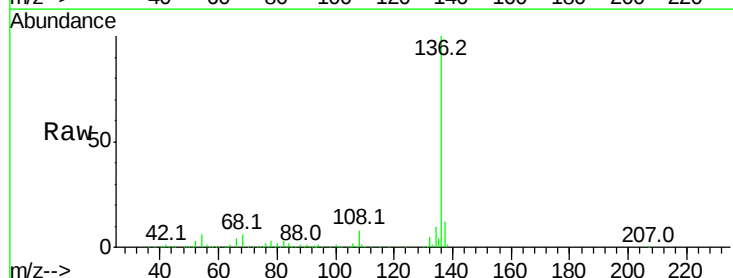
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 5.7 9.3 13.9#

68 5.6 5.1 7.7

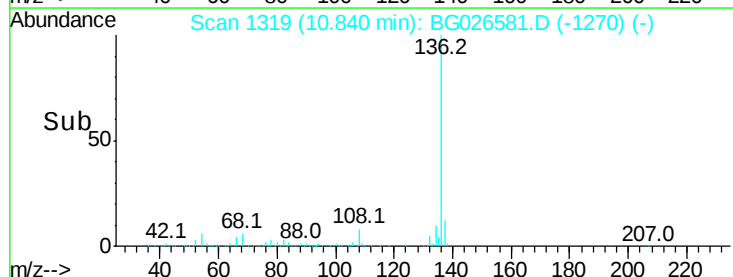
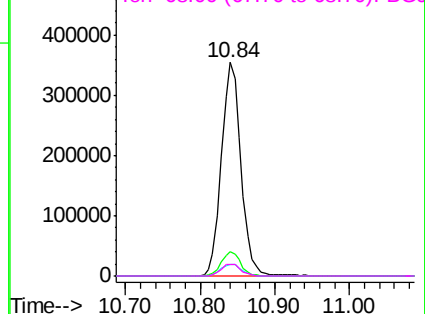


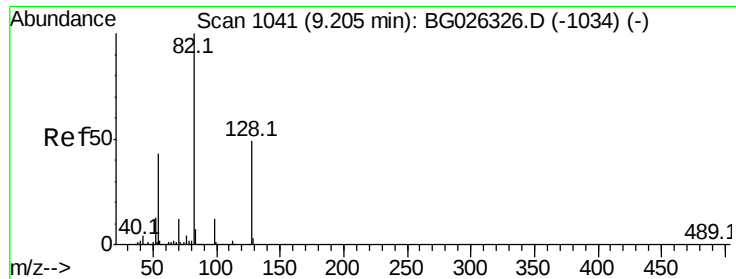
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

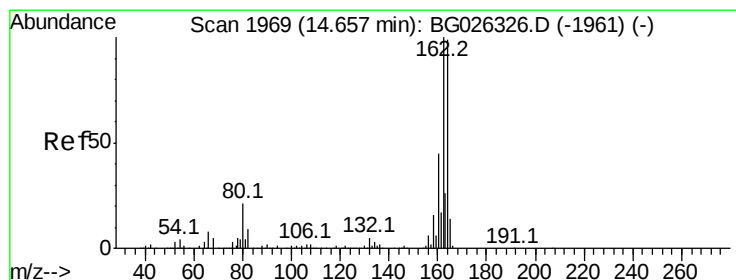
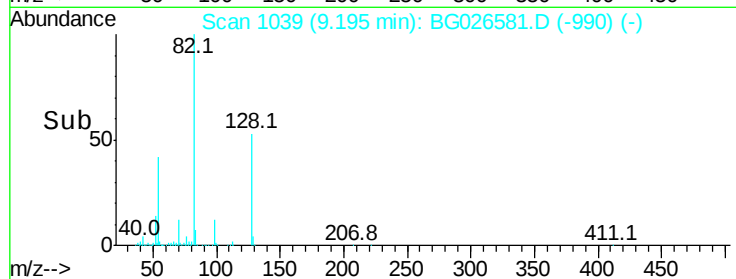
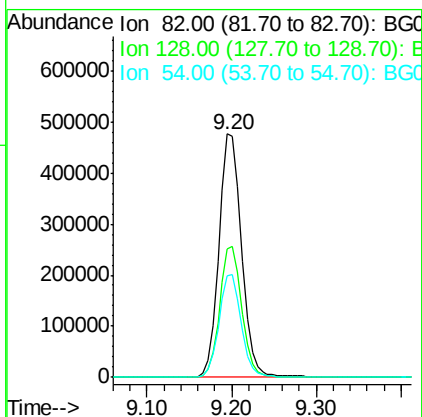
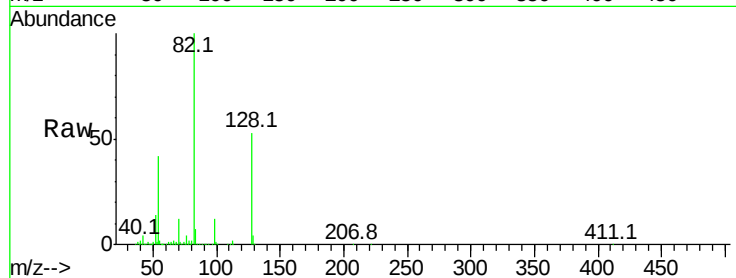




#23
 Nitrobenzene-d5
 Concen: 82.54 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG026581.D
 Acq: 7 Apr 2017 1:00

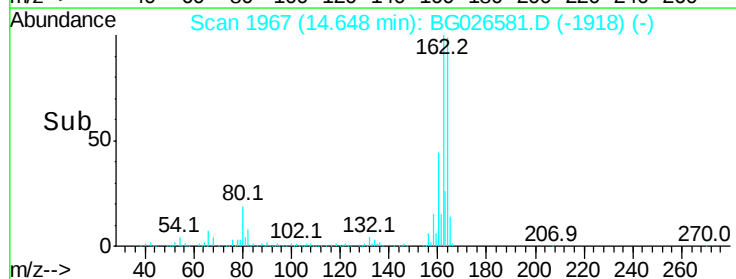
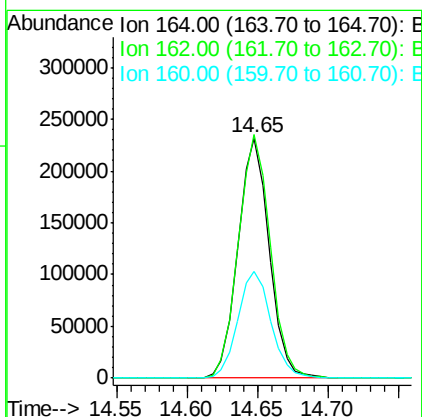
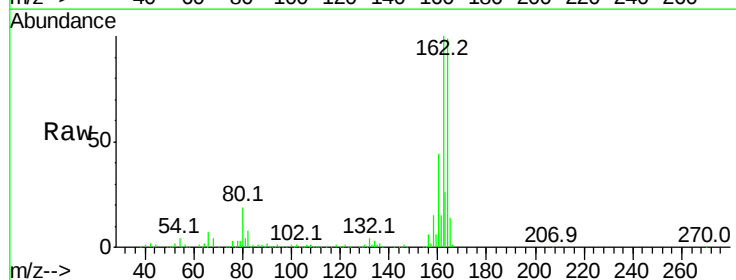
Instrument :
 BNA_G
 ClientSampleId :
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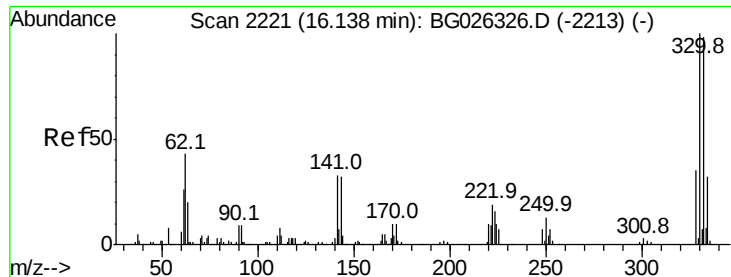
Tot Ion: 82 Resp: 886265
 Ion Ratio Lower Upper
 82 100
 128 53.0 26.4 39.6#
 54 41.9 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG026581.D
 Acq: 7 Apr 2017 1:00

Tgt Ion:164 Resp: 358139
 Ion Ratio Lower Upper
 164 100
 162 101.3 85.1 127.7
 160 44.5 34.7 52.1

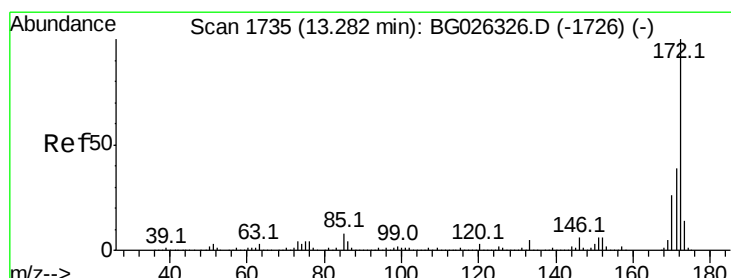
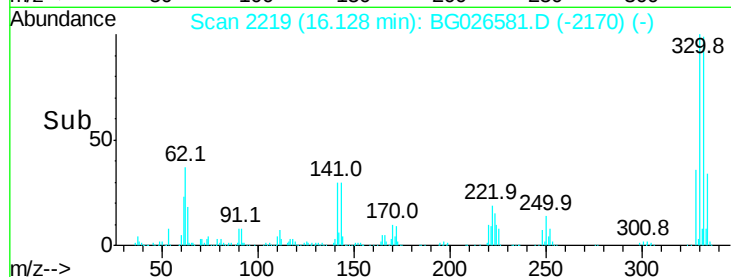
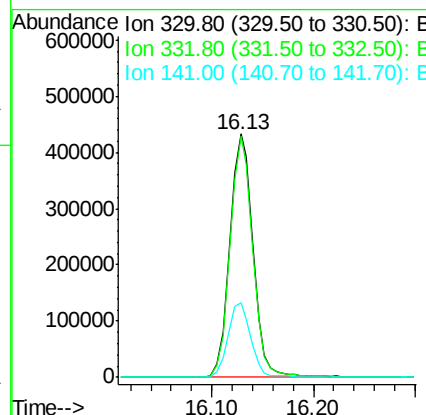
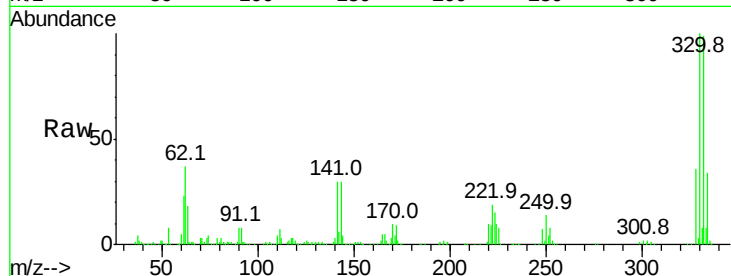




#41
 2,4,6-Tribromophenol
 Concen: 166.81 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026581.D
 Acq: 7 Apr 2017 1:00

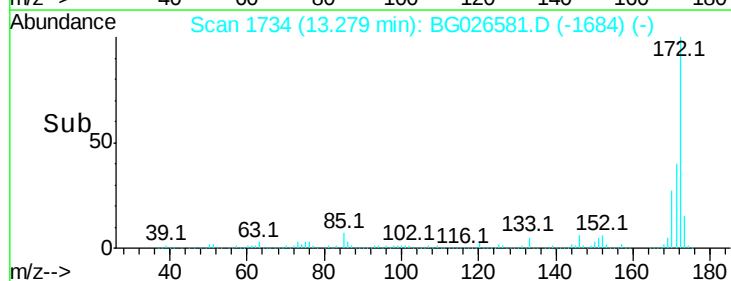
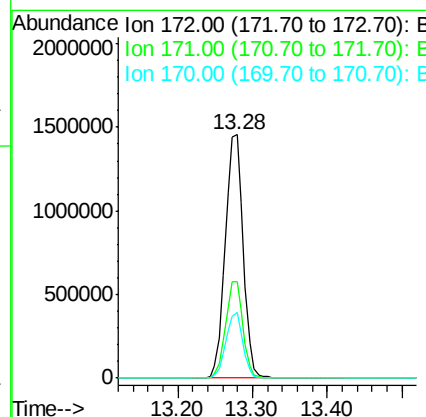
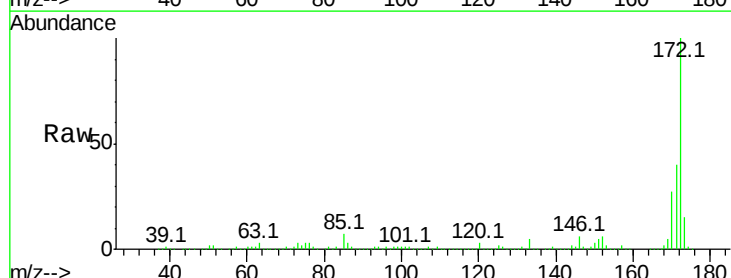
Instrument :
 BNA_G
 ClientSampleId :
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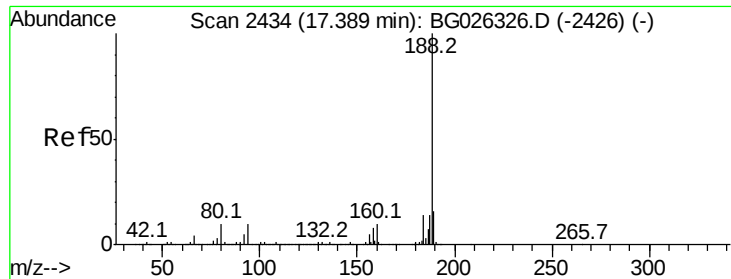
Tot Ion:330 Resp: 684142
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 30.3 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 95.08 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026581.D
 Acq: 7 Apr 2017 1:00

Tgt Ion:172 Resp: 2428160
 Ion Ratio Lower Upper
 172 100
 171 39.6 32.2 48.2
 170 26.8 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026581.D

Acq: 7 Apr 2017 1:00

Instrument :

BNA_G

ClientSampleId :

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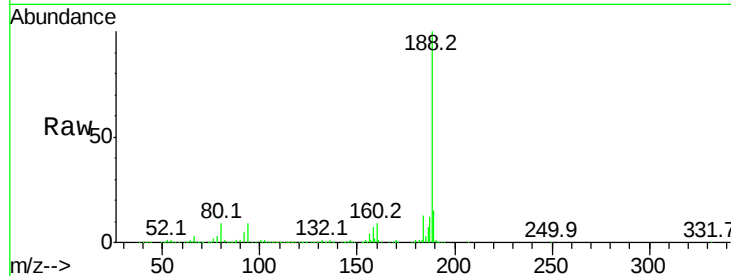
Tot Ion:188 Resp: 878060

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

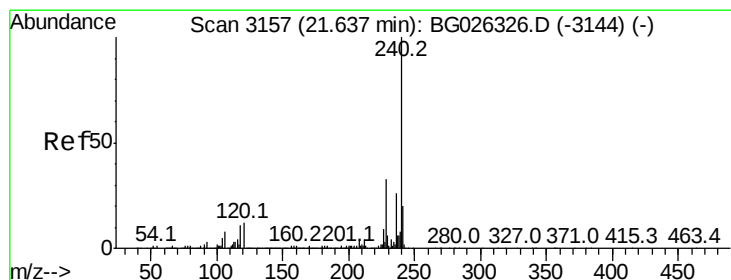
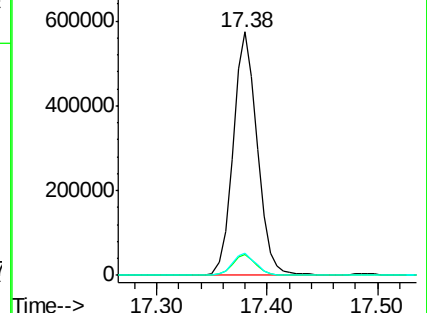
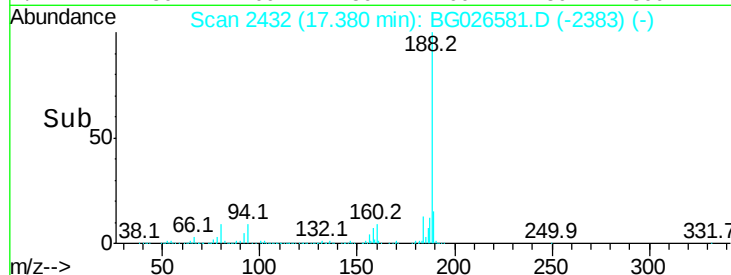
80 9.3 7.5 11.3



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: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026581.D

Acq: 7 Apr 2017 1:00

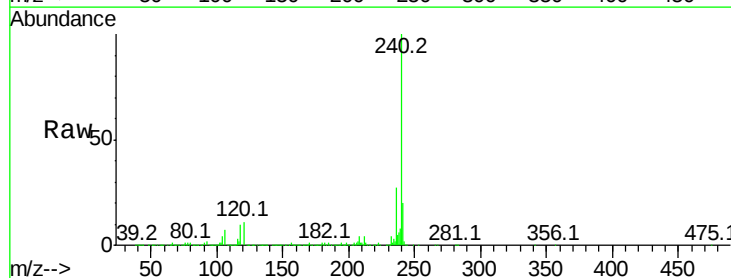
Tgt Ion:240 Resp: 1100188

Ion Ratio Lower Upper

240 100

120 10.5 5.7 8.5#

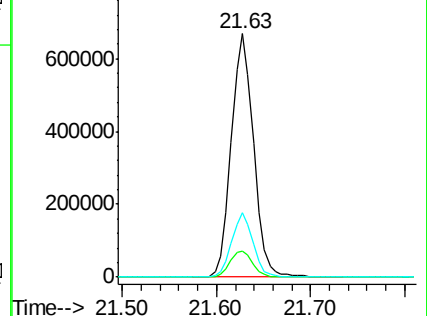
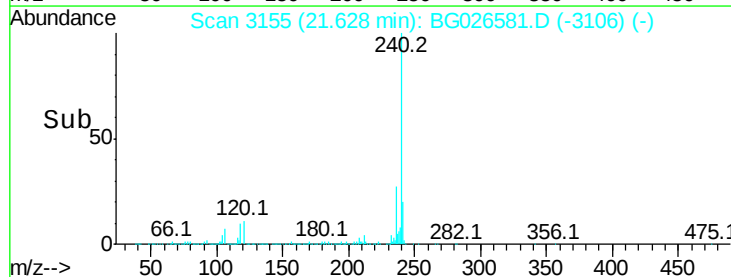
236 26.7 22.2 33.4

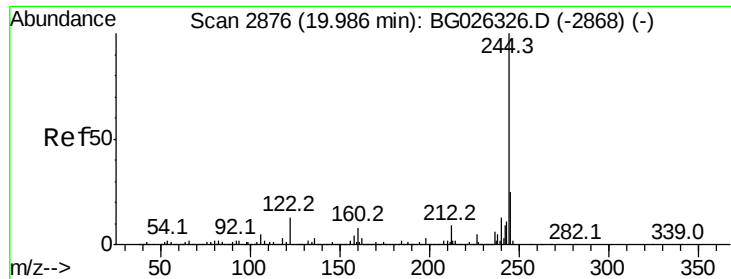


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.94 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026581.D

Acq: 7 Apr 2017 1:00

Instrument :

BNA_G

ClientSampleId :

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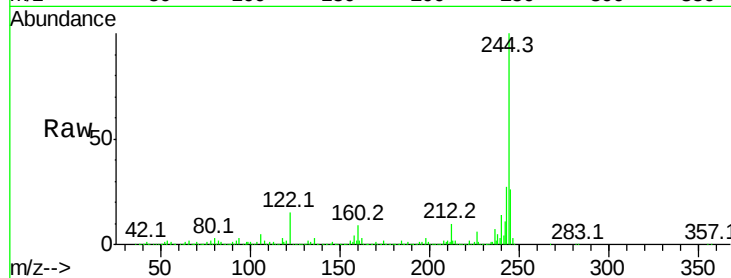
Tot Ion:244 Resp: 3395006

Ion Ratio Lower Upper

244 100

212 9.5 10.0 15.0#

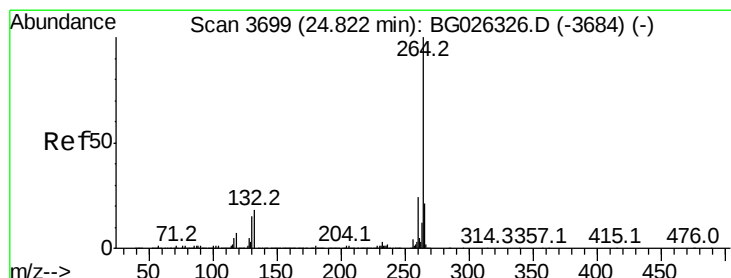
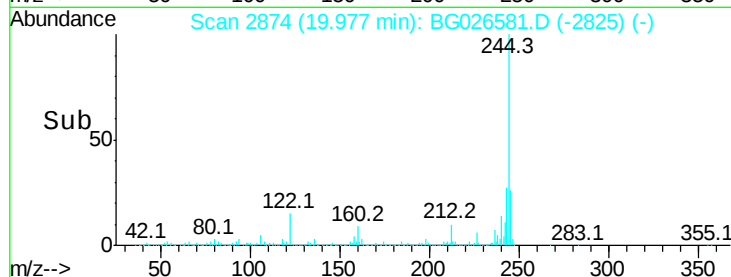
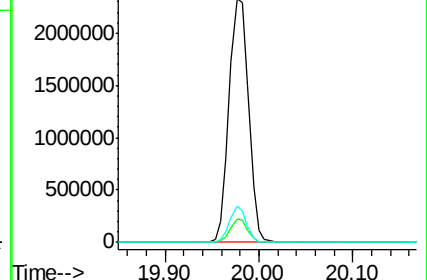
122 14.7 8.6 12.8#



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: 24.81 min Scan# 3696

Delta R.T. -0.02 min

Lab File: BG026581.D

Acq: 7 Apr 2017 1:00

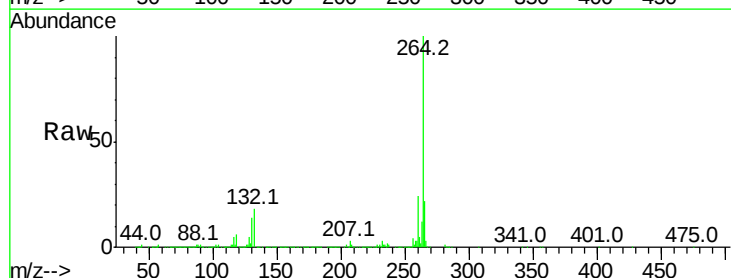
Tgt Ion:264 Resp: 1070905

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 22.2 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

