

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
 Data File : BG026387.D
 Acq On : 22 Mar 2017 22:36
 Operator : SJ/MA
 Sample : I2350-05
 Misc : L00 20 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-202-217-227-COMP

Quant Time: Mar 23 01:15:15 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

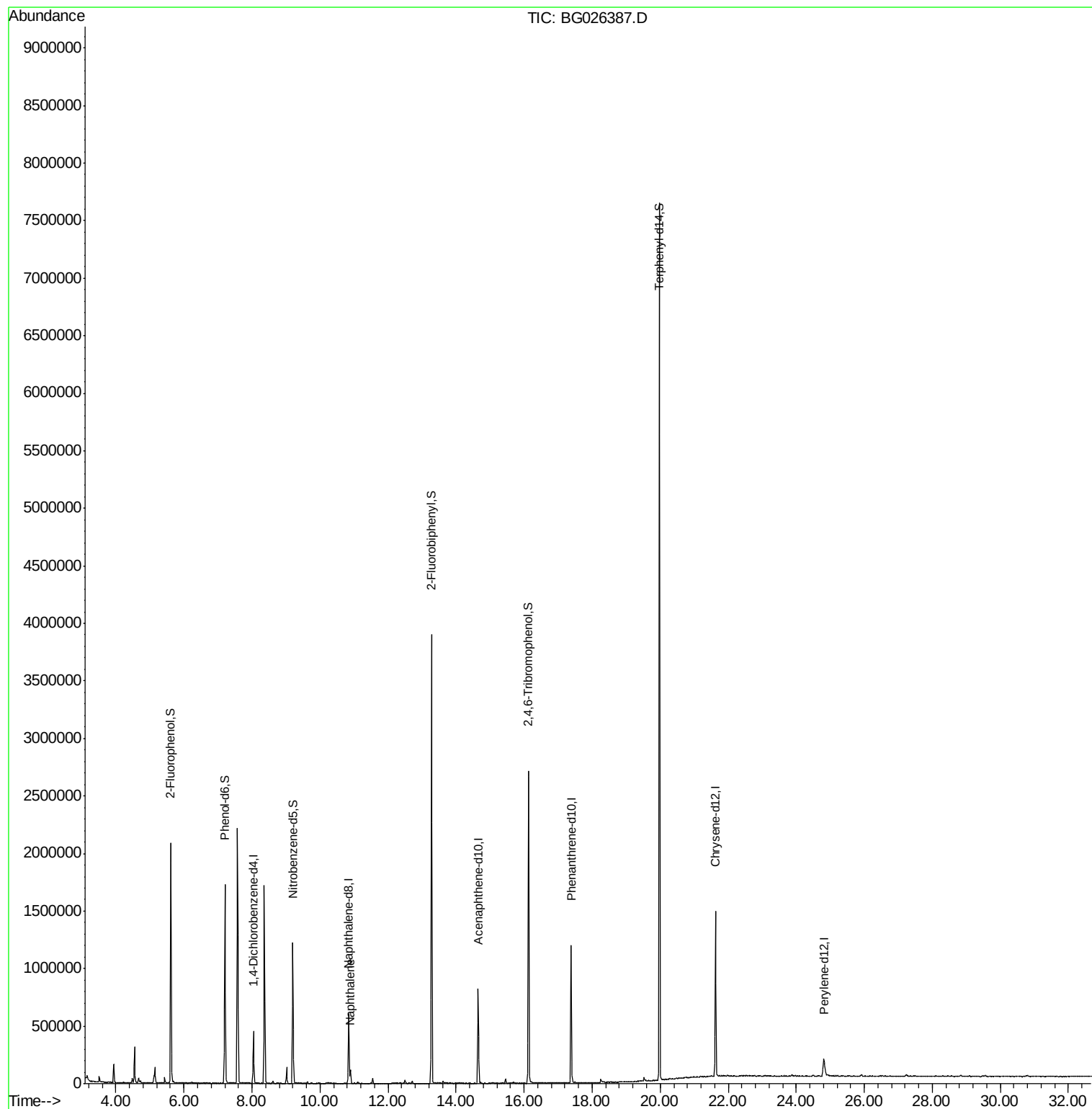
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	145875	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	577130	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	291532	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	788726	20.00	ng	0.00
75) Chrysene-d12	21.63	240	854417	20.00	ng	-0.01
86) Perylene-d12	24.81	264	80401	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1075165	130.82	ng	0.00
7) Phenol-d6	7.21	99	1229400	111.42	ng	0.00
23) Nitrobenzene-d5	9.20	82	799408	83.29	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	596694	178.73	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2123989	102.17	ng	0.00
78) Terphenyl-d14	19.98	244	3112896	88.48	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	112728	3.86	ng	Qvalue 99

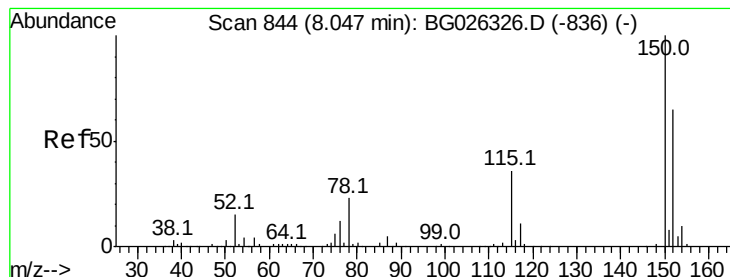
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 20 17:43:27 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202-217-227-COMP

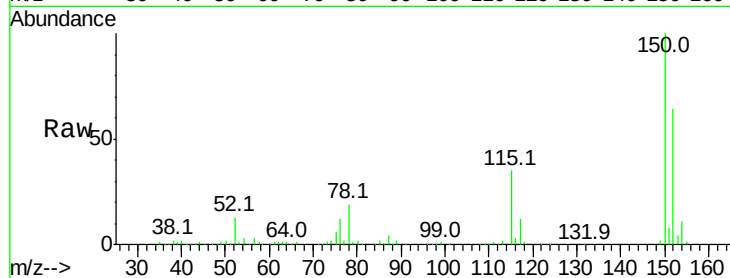
Tot Ion:152 Resp: 145875

Ion Ratio Lower Upper

152 100

150 155.5 114.0 171.0

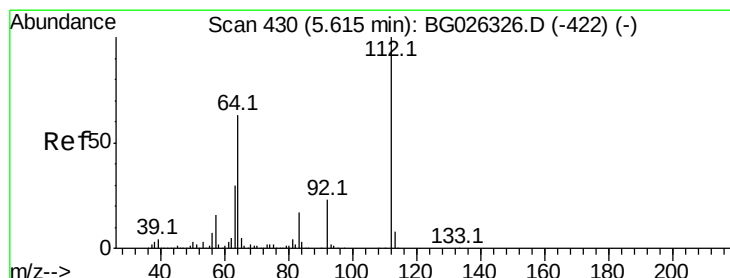
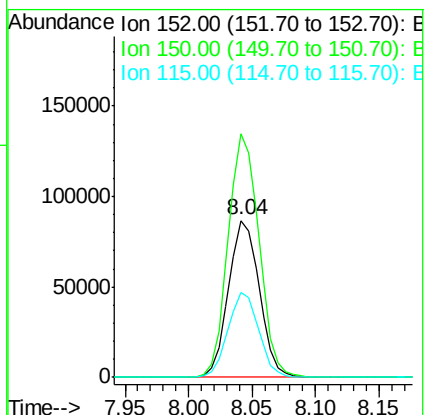
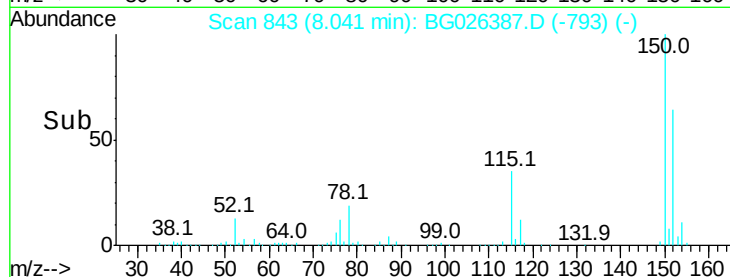
115 53.9 48.1 72.1



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: 130.82 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

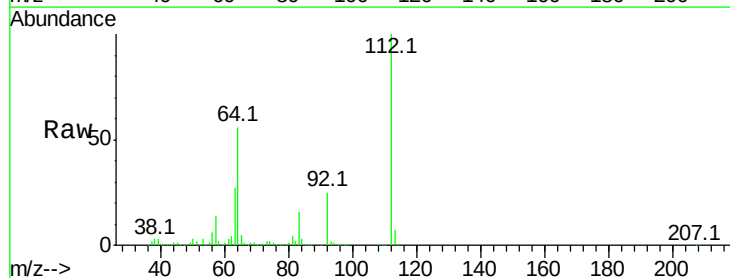
Tgt Ion:112 Resp: 1075165

Ion Ratio Lower Upper

112 100

64 55.6 61.8 92.6#

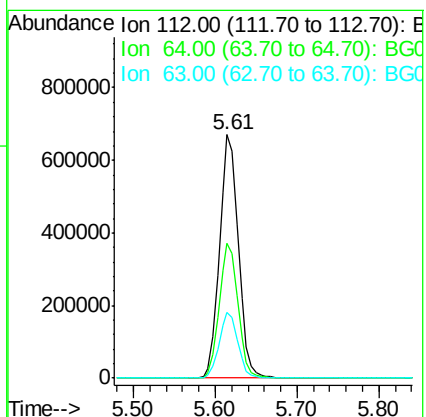
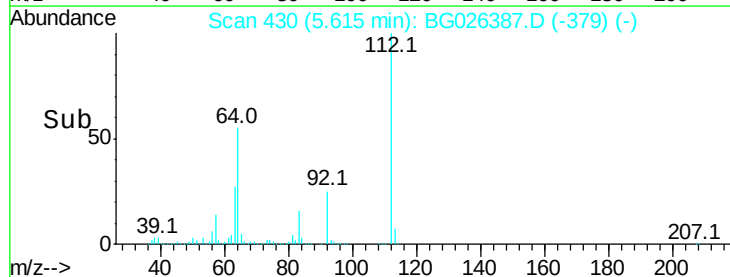
63 26.8 37.2 55.8#

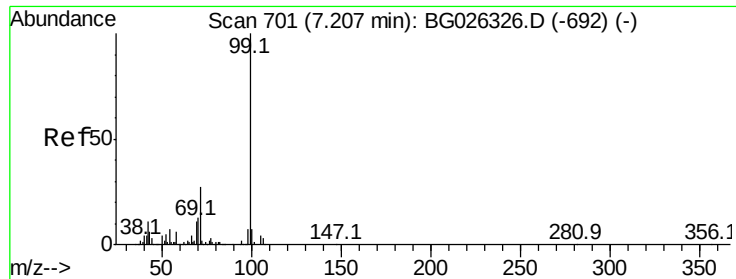


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.42 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202-217-227-COMP

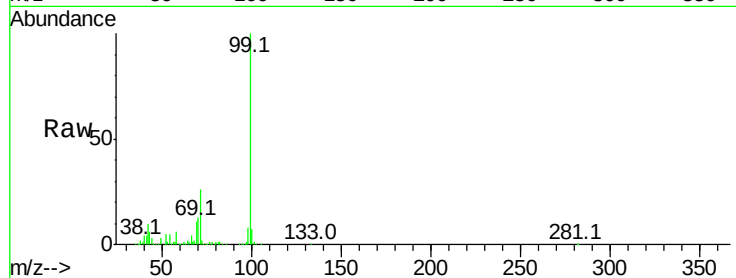
Tot Ion: 99 Resp: 1229400

Ion Ratio Lower Upper

99 100

42 10.2 20.5 30.7#

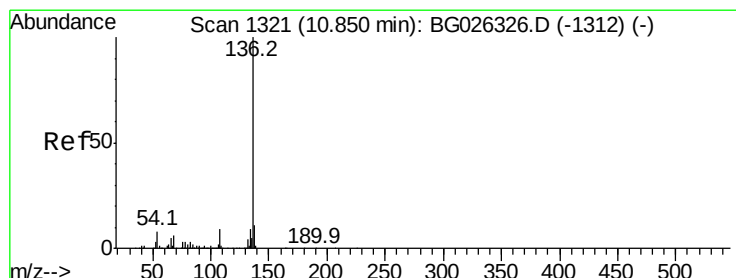
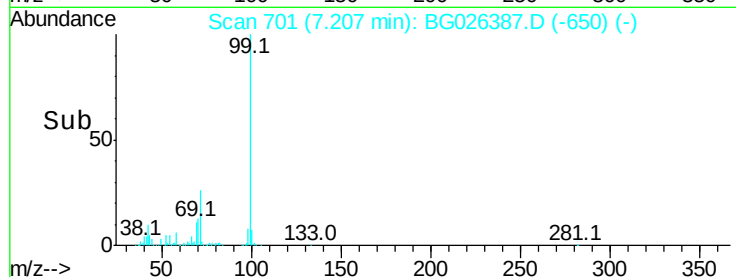
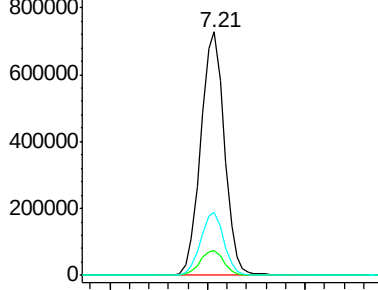
71 25.9 37.6 56.4#



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# 1320

Delta R.T. -0.01 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

Tgt Ion: 136 Resp: 577130

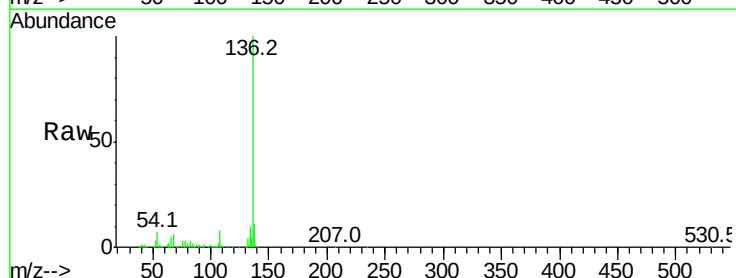
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.6 9.3 13.9#

68 6.2 5.1 7.7

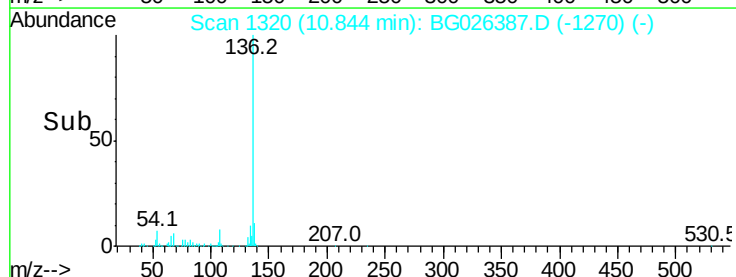
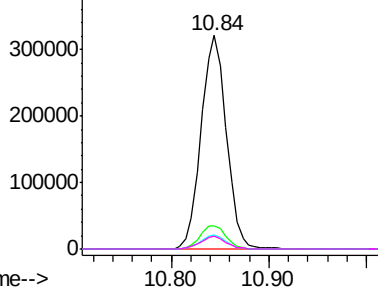


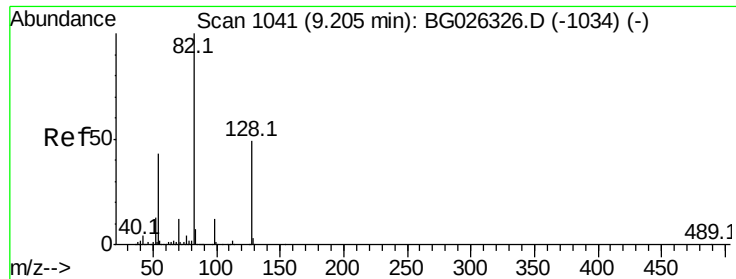
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 83.29 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202-217-227-COMP

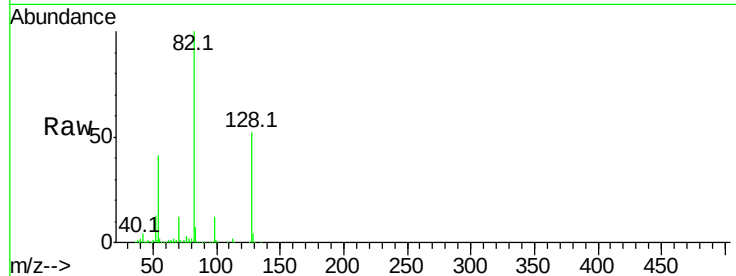
Tot Ion: 82 Resp: 799408

Ion Ratio Lower Upper

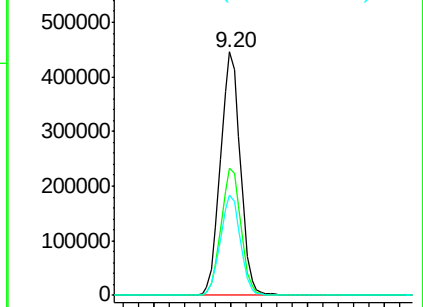
82 100

128 52.0 26.4 39.6#

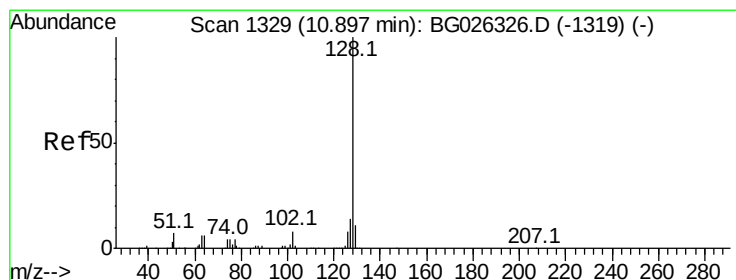
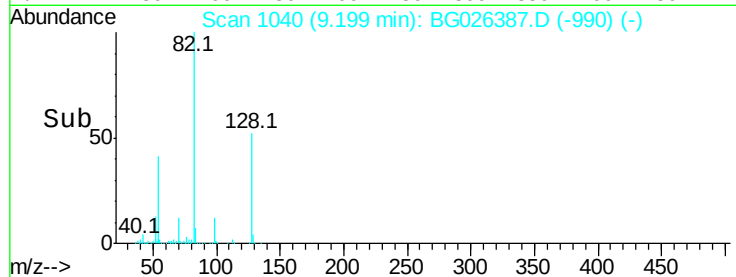
54 41.1 49.4 74.2#



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



Time-->



#31

Naphthalene

Concen: 3.86 ng

RT: 10.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

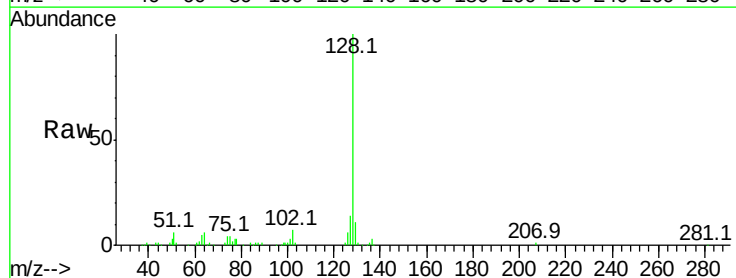
Tgt Ion: 128 Resp: 112728

Ion Ratio Lower Upper

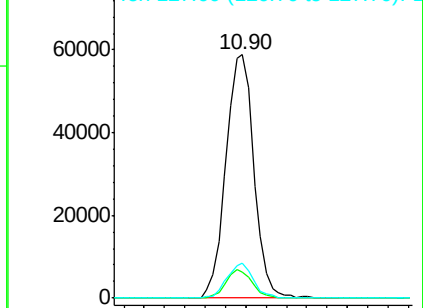
128 100

129 10.9 9.3 13.9

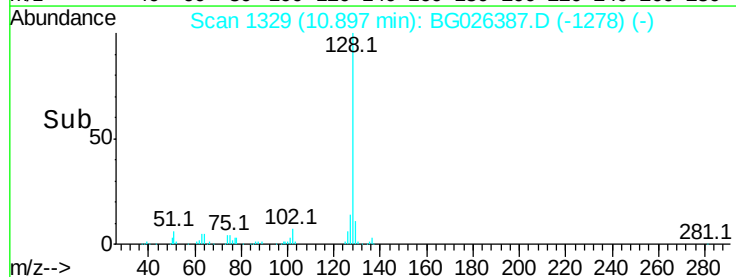
127 14.3 11.4 17.0

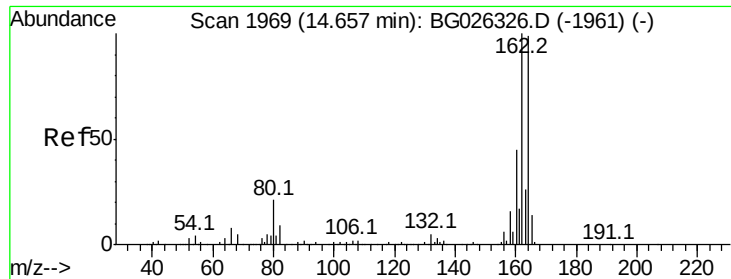


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC



Time-->

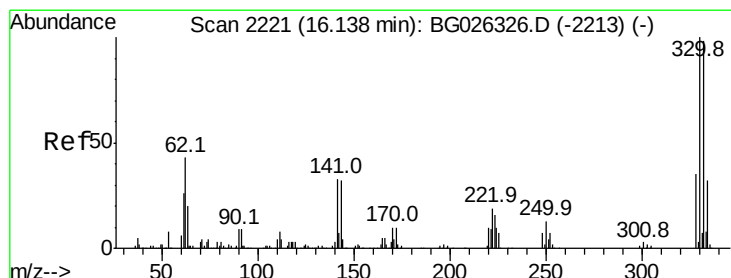
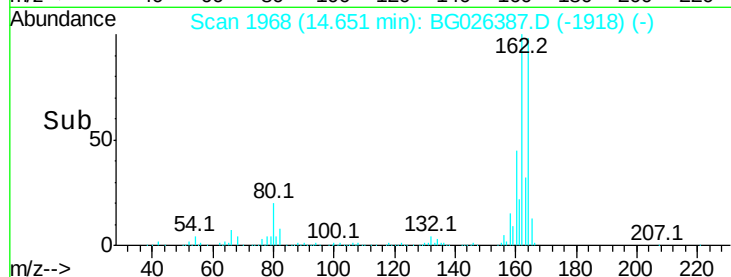
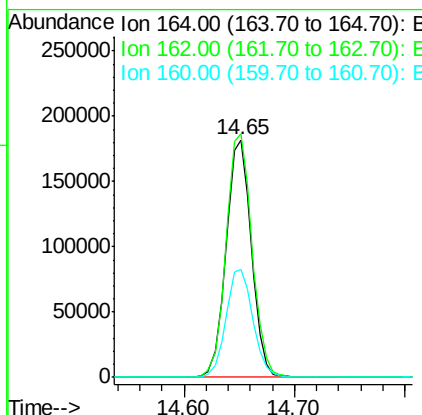
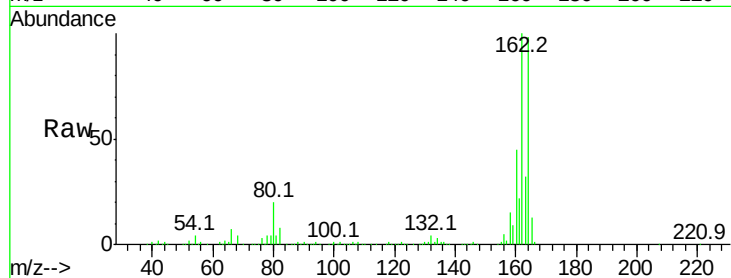




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026387.D
 Acq: 22 Mar 2017 22:36

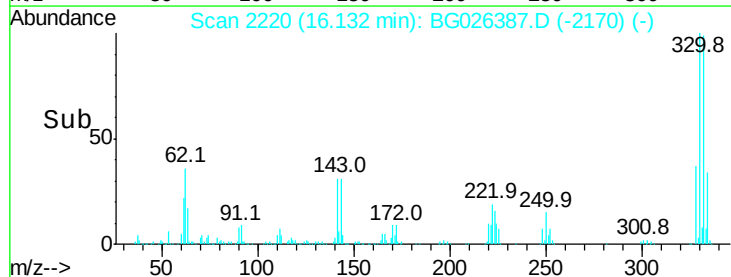
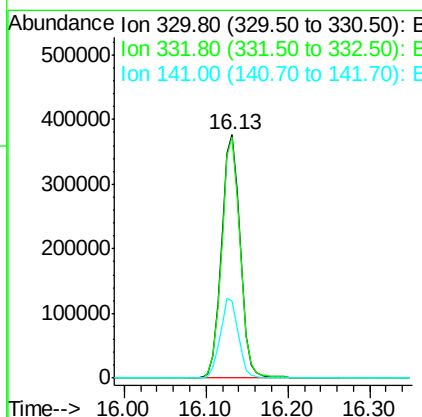
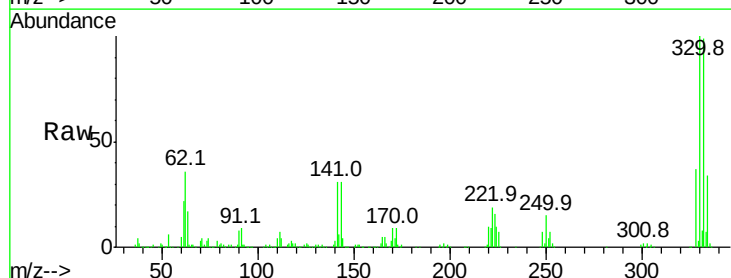
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-202-217-227-COMP

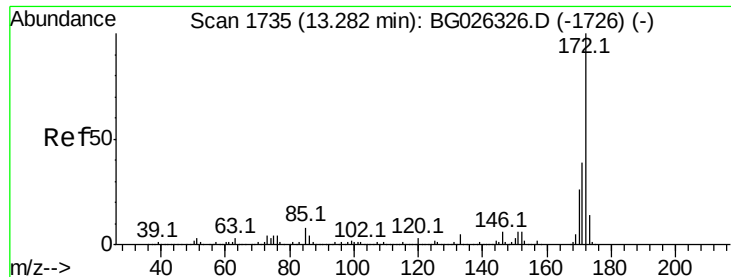
Tot Ion:164 Resp: 291532
 Ion Ratio Lower Upper
 164 100
 162 102.5 85.1 127.7
 160 45.6 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 178.73 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026387.D
 Acq: 22 Mar 2017 22:36

Tgt Ion:330 Resp: 596694
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.3 115.9
 141 32.0 32.1 48.1#





#44

2-Fluorobiphenyl

Concen: 102.17 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

Instrument :

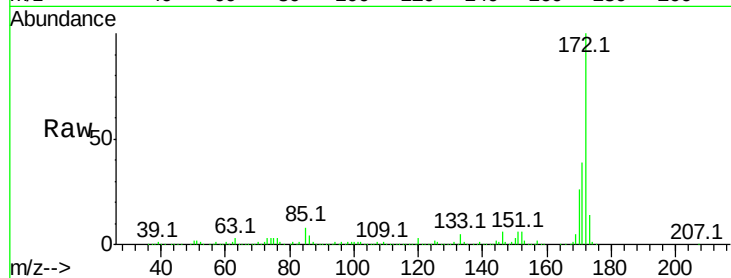
BNA_G

ClientSampleId :

VNJ-202-217-227-COMP

Tot Ion:172 Resp: 2123989

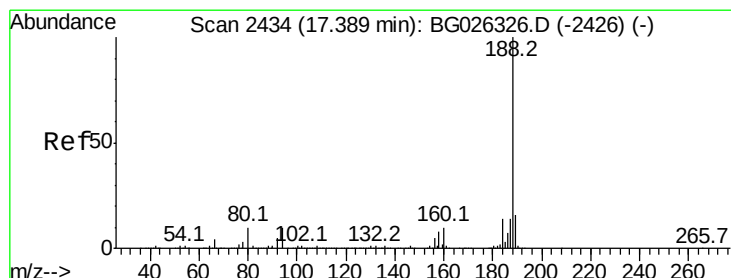
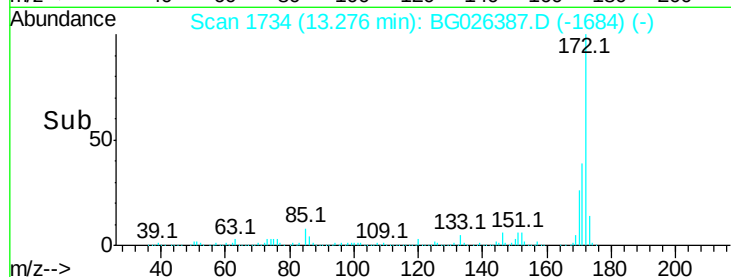
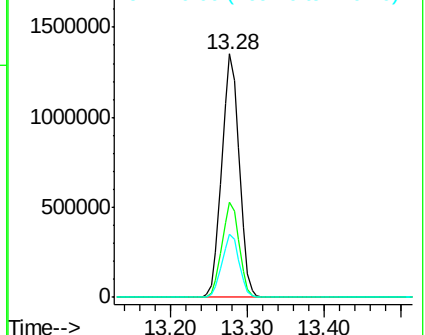
Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.2	48.2
170	26.0	21.8	32.6



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: 17.38 min Scan# 2433

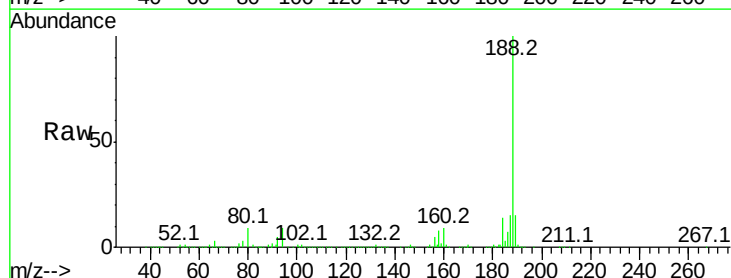
Delta R.T. -0.01 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

Tgt Ion:188 Resp: 788726

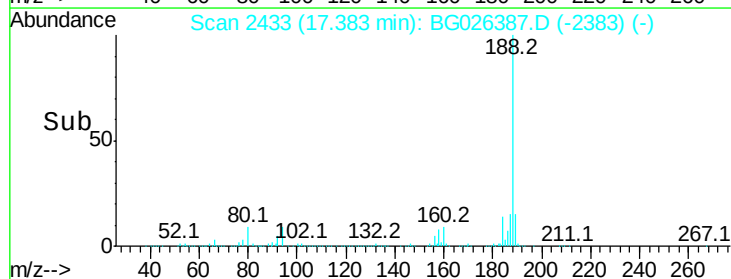
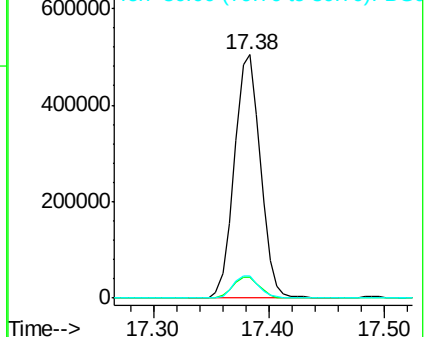
Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.8	8.8
80	9.2	7.5	11.3

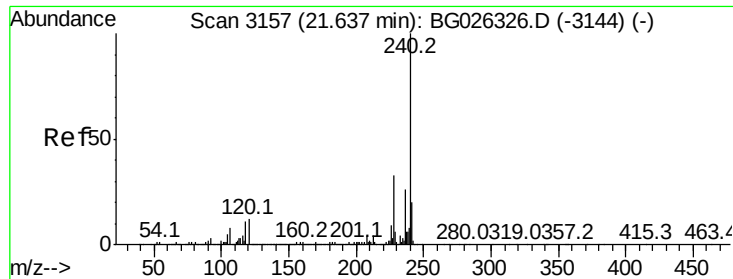


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

Instrument :

BNA_G

ClientSampleId :

VNJ-202-217-227-COMP

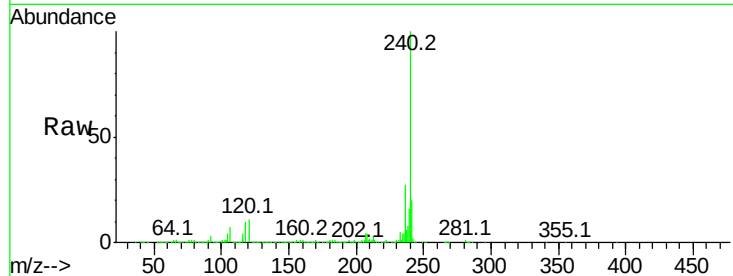
Tot Ion:240 Resp: 854417

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

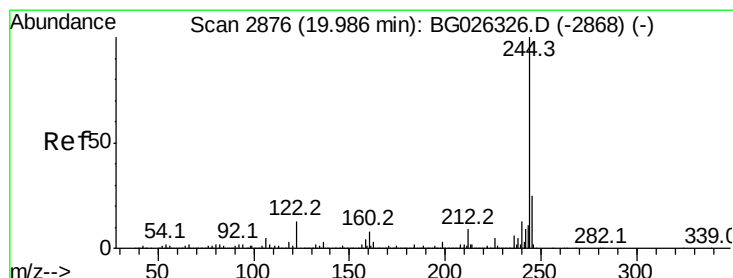
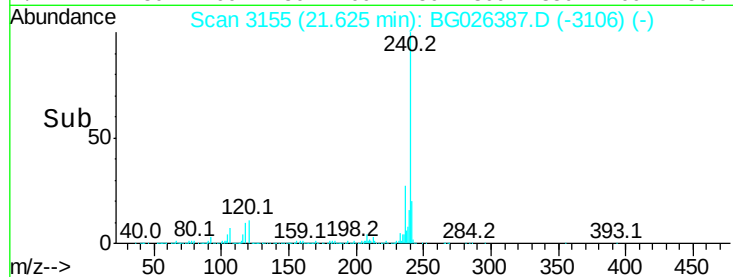
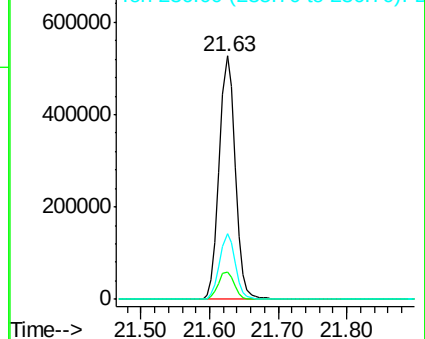
236 26.7 22.2 33.4



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: 88.48 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026387.D

Acq: 22 Mar 2017 22:36

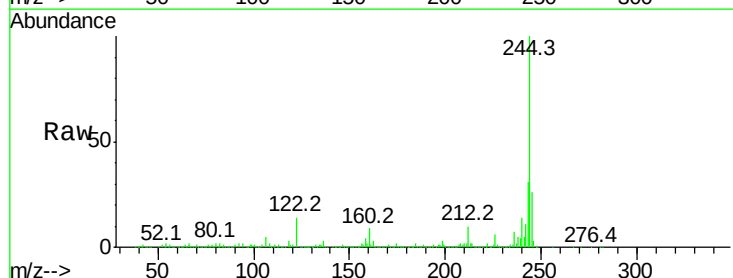
Tgt Ion:244 Resp: 3112896

Ion Ratio Lower Upper

244 100

212 9.5 10.0 15.0#

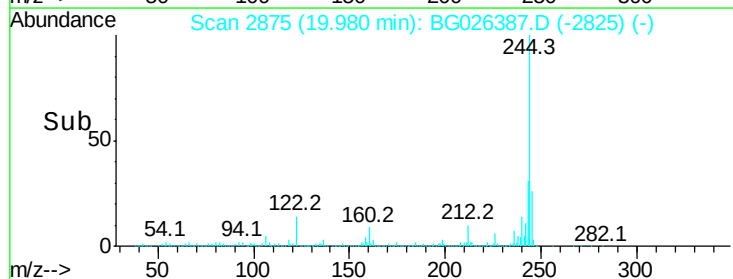
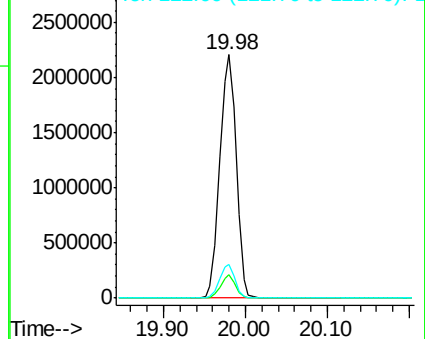
122 13.7 8.6 12.8#

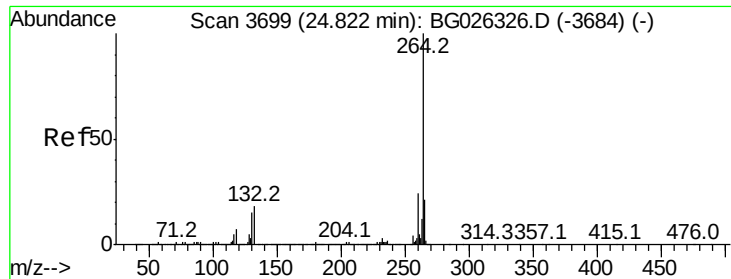


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

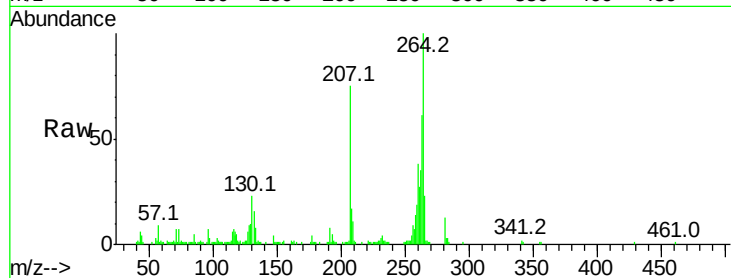




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG026387.D
Acq: 22 Mar 2017 22:36

Instrument :
BNA_G
ClientSampleId :
VNJ-202-217-227-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	38.0	21.8	32.8#
265	22.8	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

