

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\  
 Data File : BG026424.D  
 Acq On : 24 Mar 2017 21:09  
 Operator : SJ/MA  
 Sample : I2378-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 25A-7-9

Quant Time: Mar 24 23:47:57 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

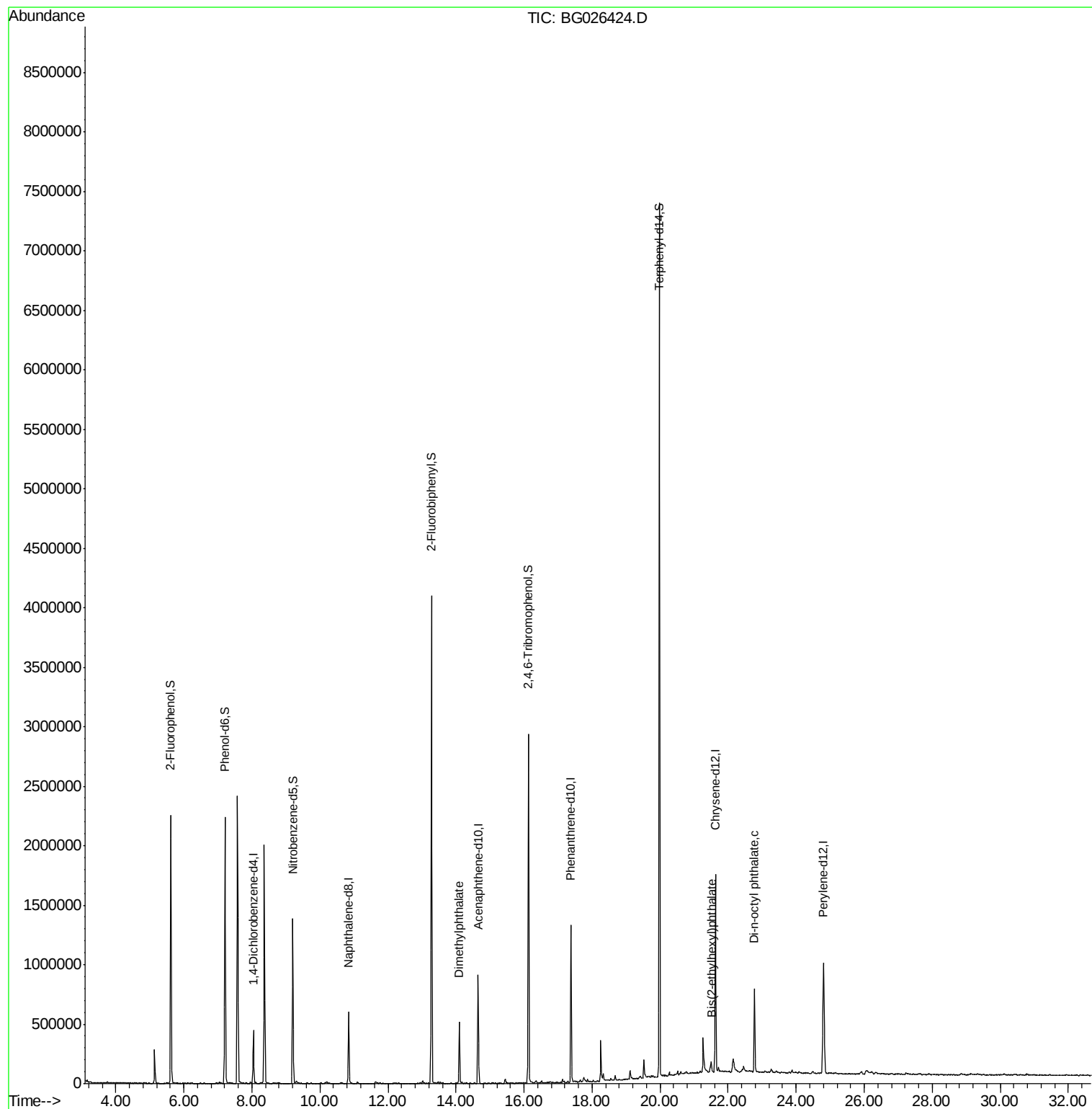
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.04  | 152  | 144048   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 10.84 | 136  | 585792   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10           | 14.65 | 164  | 339094   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10           | 17.38 | 188  | 852083   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12               | 21.63 | 240  | 1032109  | 20.00  | ng    | -0.01    |
| 86) Perylene-d12               | 24.81 | 264  | 998706   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.62  | 112  | 1186572  | 146.21 | ng    | 0.00     |
| 7) Phenol-d6                   | 7.21  | 99   | 1643628  | 150.85 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 9.20  | 82   | 888987   | 91.25  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 16.13 | 330  | 623724   | 160.62 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl           | 13.28 | 172  | 2283313  | 94.43  | ng    | 0.00     |
| 78) Terphenyl-d14              | 19.98 | 244  | 3176070  | 74.73  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 49) Dimethylphthalate          | 14.09 | 163  | 390203   | 15.25  | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.50 | 149  | 76725    | 2.12   | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.77 | 149  | 129532   | 2.10   | ng    | # 81     |

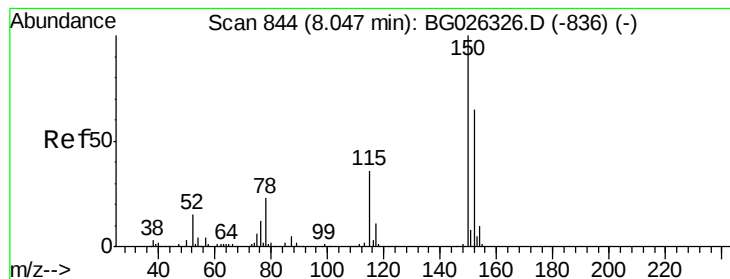
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\  
Data File : BG026424.D  
Acq On : 24 Mar 2017 21:09  
Operator : SJ/MA  
Sample : I2378-06  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
25A-7-9

Quant Time: Mar 24 23:47:57 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG026424.D

Acq: 24 Mar 2017 21:09

Instrument :

BNA\_G

ClientSampleId :

25A-7-9

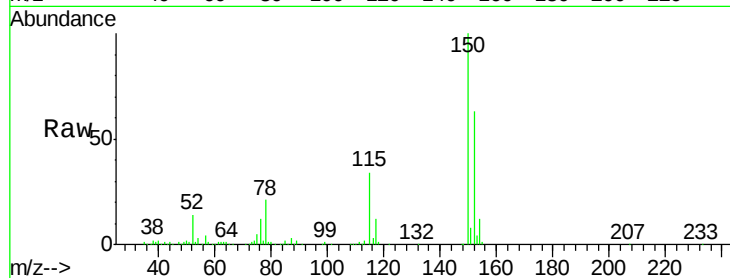
Tot Ion:152 Resp: 144048

Ion Ratio Lower Upper

152 100

150 157.9 114.0 171.0

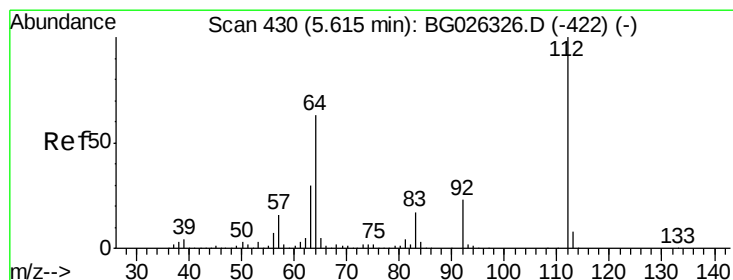
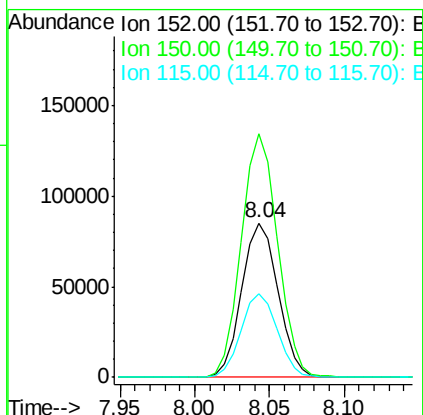
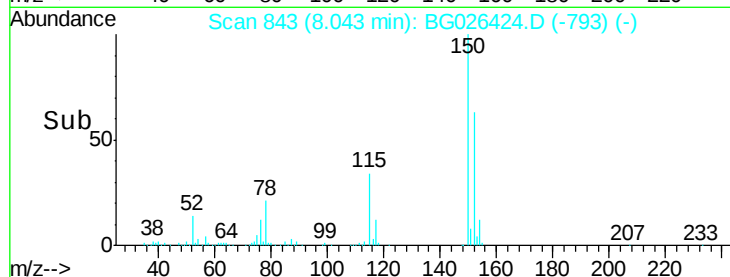
115 53.9 48.1 72.1



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: 146.21 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026424.D

Acq: 24 Mar 2017 21:09

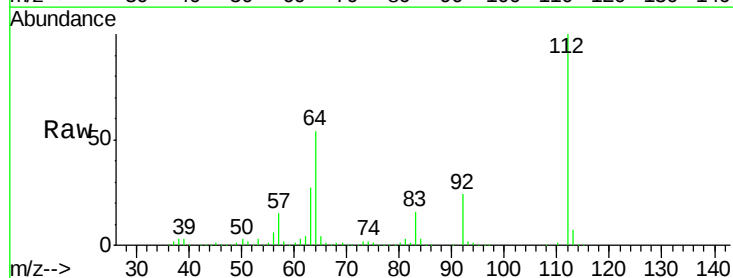
Tgt Ion:112 Resp: 1186572

Ion Ratio Lower Upper

112 100

64 54.3 61.8 92.6#

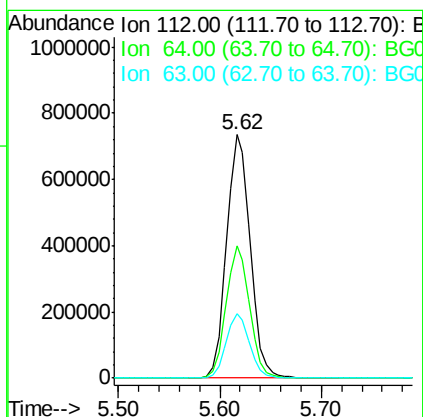
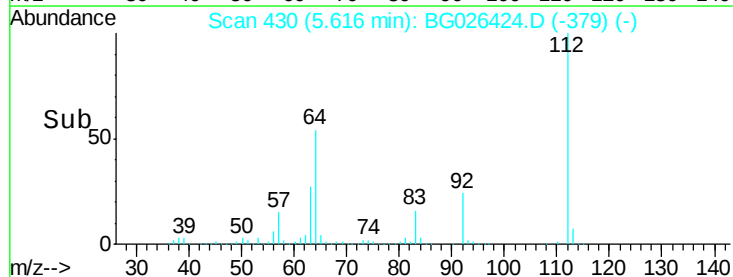
63 26.7 37.2 55.8#

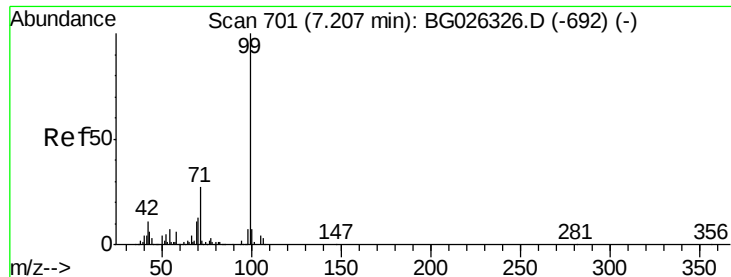


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 150.85 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026424.D

Acq: 24 Mar 2017 21:09

Instrument :

BNA\_G

ClientSampleId :

25A-7-9

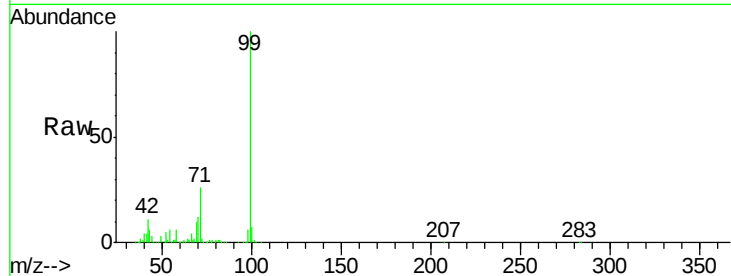
Tot Ion: 99 Resp: 1643628

Ion Ratio Lower Upper

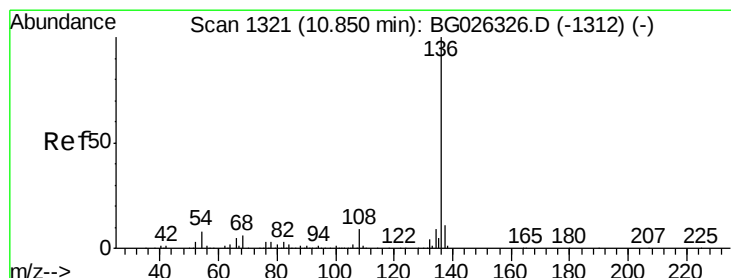
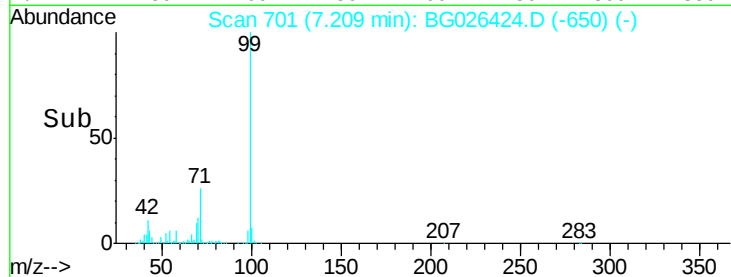
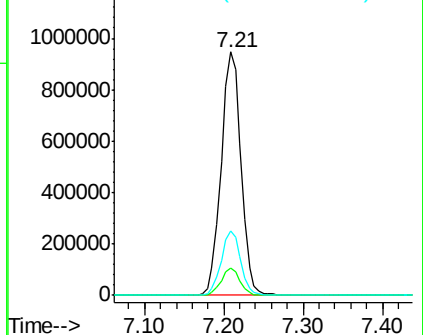
99 100

42 11.0 20.5 30.7#

71 26.4 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: BG026424.D

Acq: 24 Mar 2017 21:09

Tgt Ion: 136 Resp: 585792

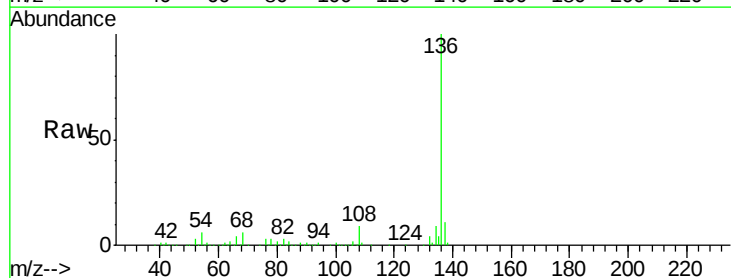
Ion Ratio Lower Upper

136 100

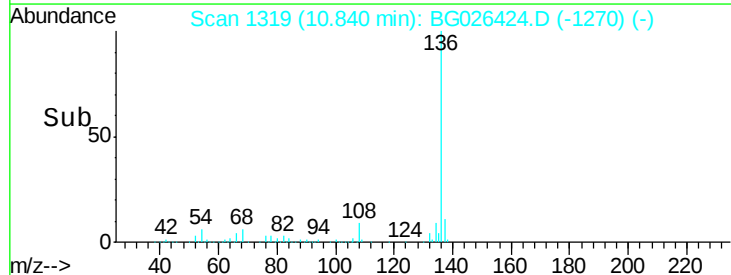
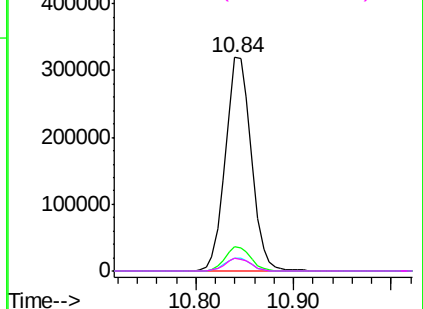
137 11.4 8.9 13.3

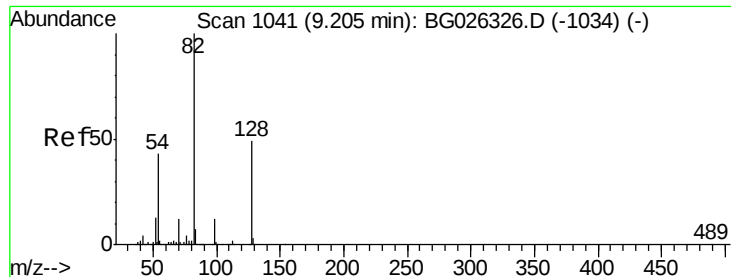
54 6.0 9.3 13.9#

68 5.8 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

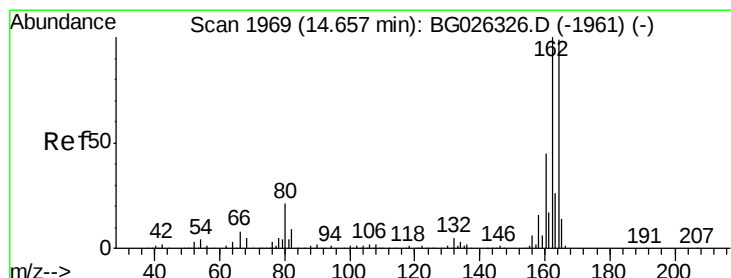
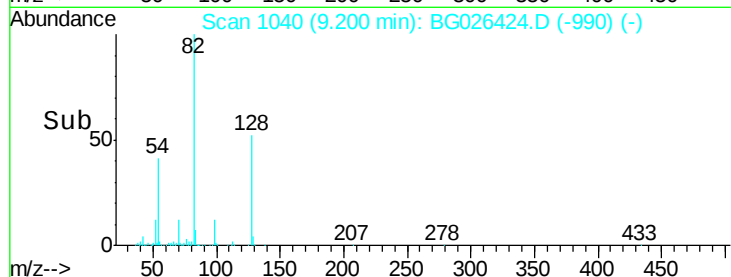
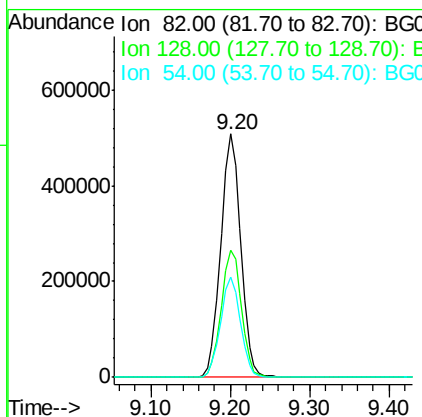
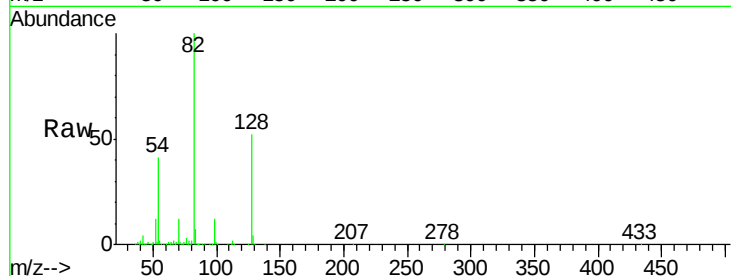




#23  
 Nitrobenzene-d5  
 Concen: 91.25 ng  
 RT: 9.20 min Scan# 1040  
 Delta R.T. -0.00 min  
 Lab File: BG026424.D  
 Acq: 24 Mar 2017 21:09

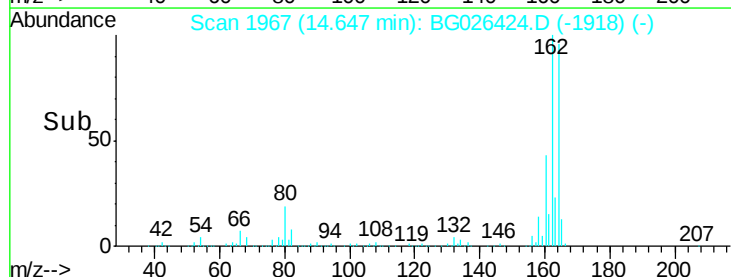
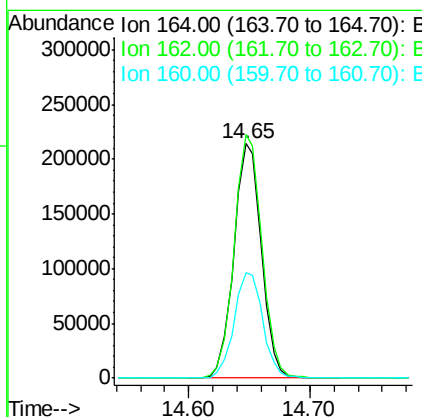
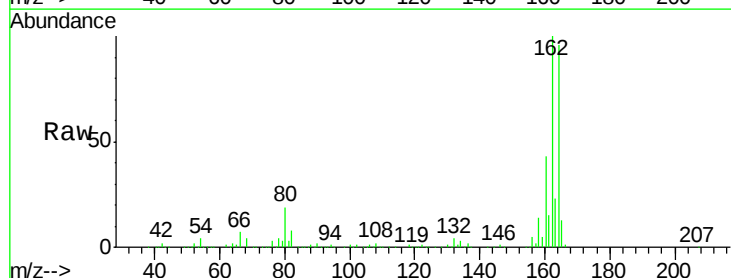
Instrument :  
 BNA\_G  
 ClientSampleId :  
 25A-7-9

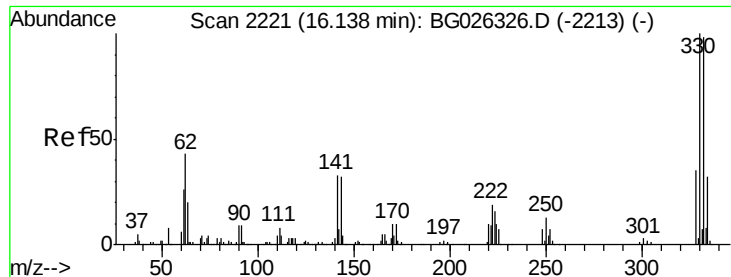
Tot Ion: 82 Resp: 888987  
 Ion Ratio Lower Upper  
 82 100  
 128 52.0 26.4 39.6#  
 54 40.9 49.4 74.2#



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.65 min Scan# 1967  
 Delta R.T. -0.01 min  
 Lab File: BG026424.D  
 Acq: 24 Mar 2017 21:09

Tgt Ion: 164 Resp: 339094  
 Ion Ratio Lower Upper  
 164 100  
 162 103.9 85.1 127.7  
 160 44.9 34.7 52.1

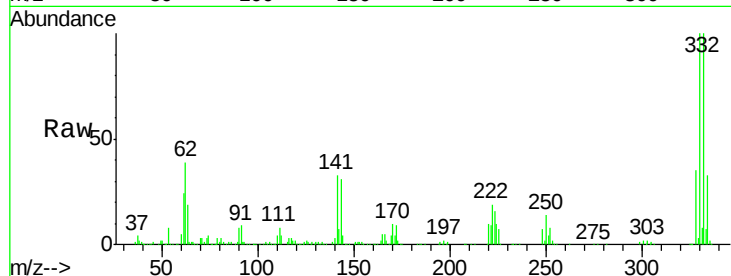




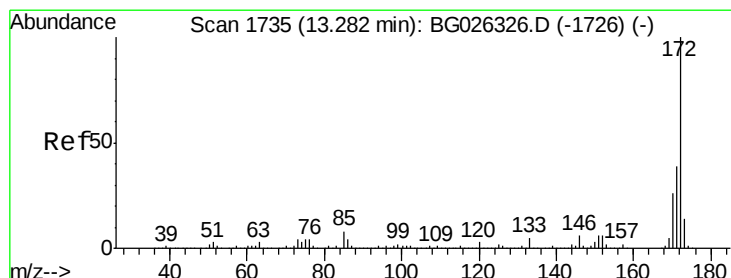
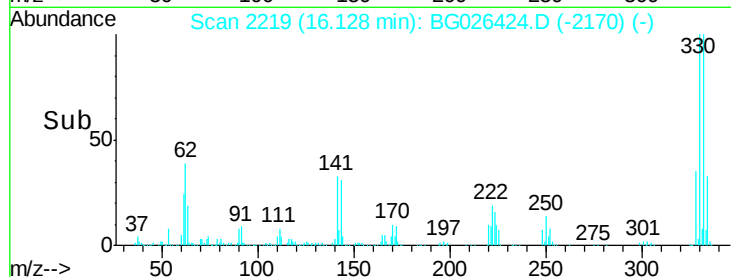
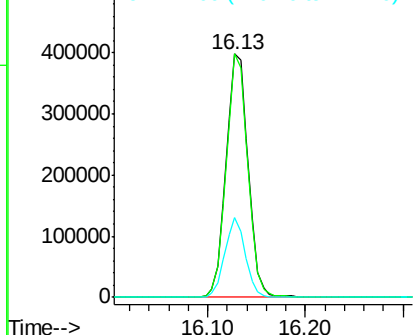
#41  
 2,4,6-Tribromophenol  
 Concen: 160.62 ng  
 RT: 16.13 min Scan# 2219  
 Delta R.T. -0.01 min  
 Lab File: BG026424.D  
 Acq: 24 Mar 2017 21:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 25A-7-9

Tot Ion:330 Resp: 623724  
 Ion Ratio Lower Upper  
 330 100  
 332 97.7 77.3 115.9  
 141 30.5 32.1 48.1#

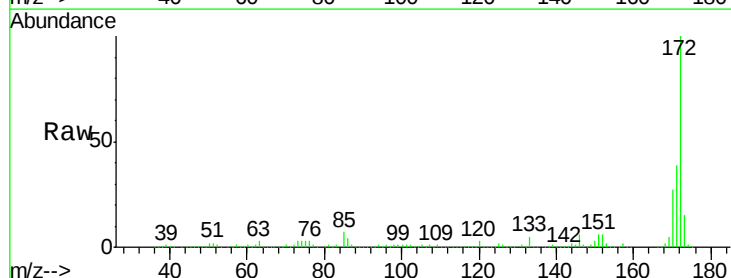


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

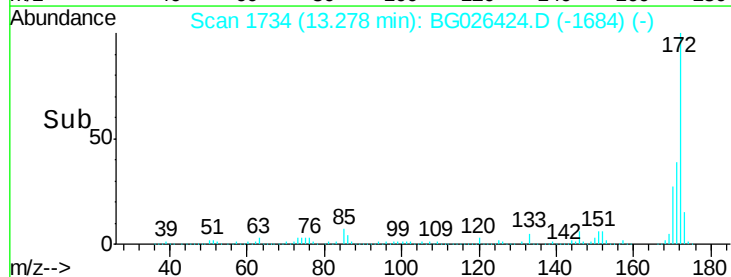
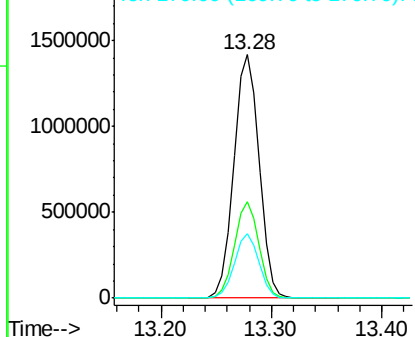


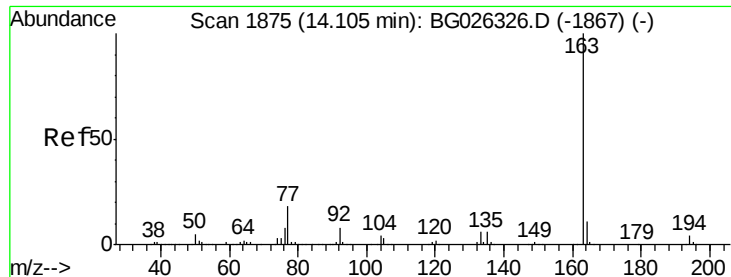
#44  
 2-Fluorobiphenyl  
 Concen: 94.43 ng  
 RT: 13.28 min Scan# 1734  
 Delta R.T. -0.00 min  
 Lab File: BG026424.D  
 Acq: 24 Mar 2017 21:09

Tgt Ion:172 Resp: 2283313  
 Ion Ratio Lower Upper  
 172 100  
 171 39.4 32.2 48.2  
 170 26.5 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





#49

Dimethylphthalate

Concen: 15.25 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG026424.D

Acq: 24 Mar 2017 21:09

Instrument :

BNA\_G

ClientSampleId :

25A-7-9

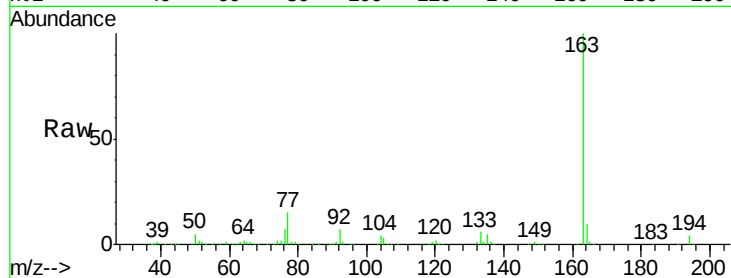
Tot Ion:163 Resp: 390203

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

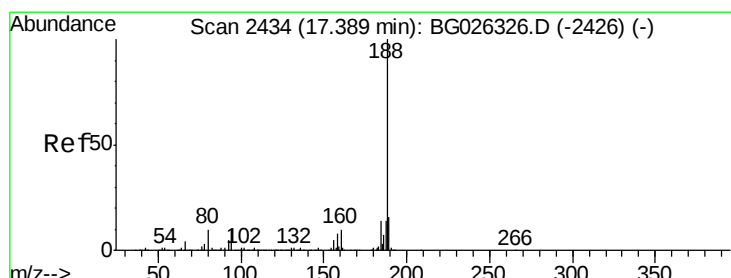
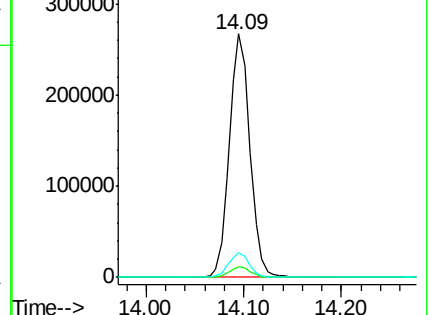
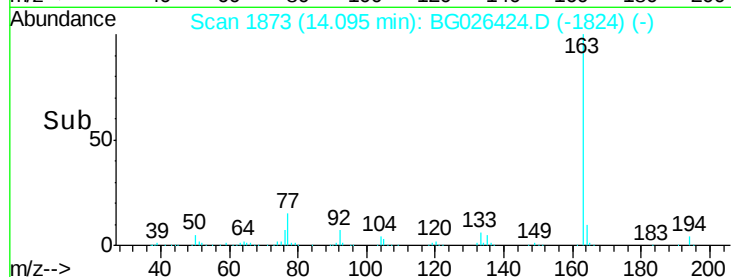
164 10.1 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026424.D

Acq: 24 Mar 2017 21:09

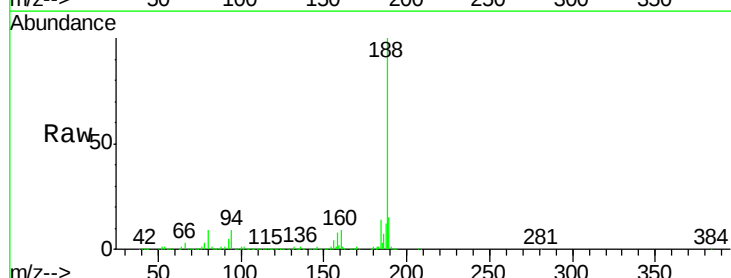
Tgt Ion:188 Resp: 852083

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.8

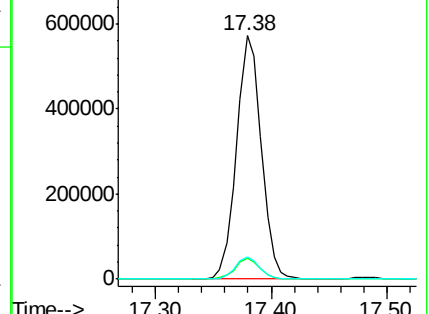
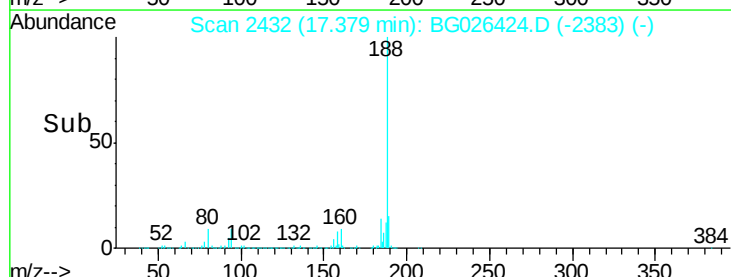
80 9.0 7.5 11.3

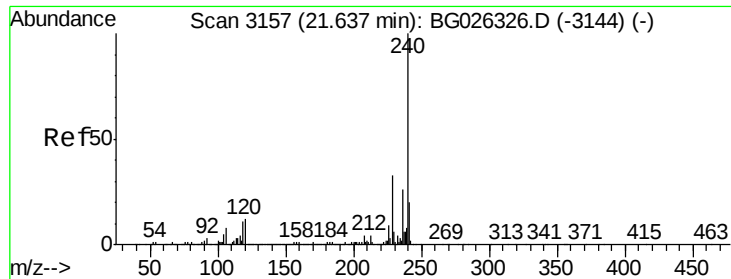


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG026424.D

Acq: 24 Mar 2017 21:09

Instrument :

BNA\_G

ClientSampleId :

25A-7-9

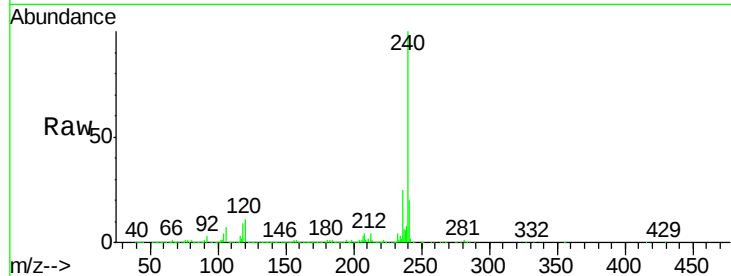
Tot Ion:240 Resp: 1032109

Ion Ratio Lower Upper

240 100

120 10.5 5.7 8.5#

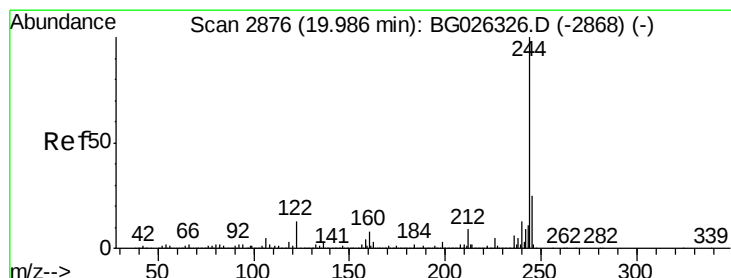
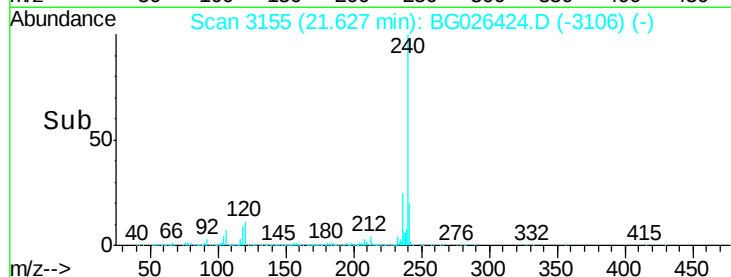
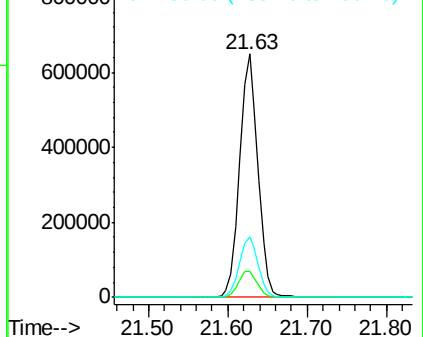
236 25.1 22.2 33.4



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: 74.73 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG026424.D

Acq: 24 Mar 2017 21:09

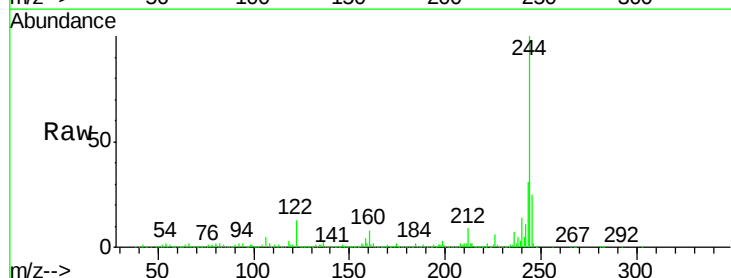
Tgt Ion:244 Resp: 3176070

Ion Ratio Lower Upper

244 100

212 9.3 10.0 15.0#

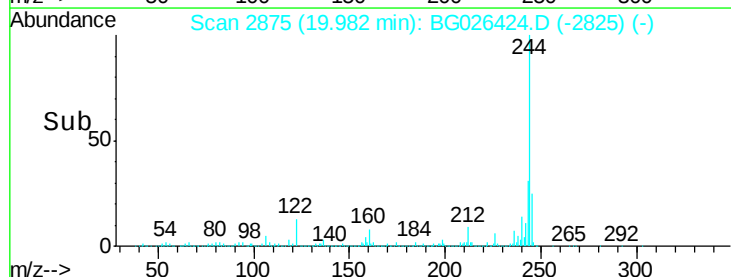
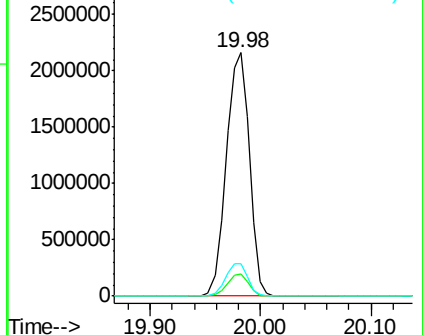
122 13.4 8.6 12.8#

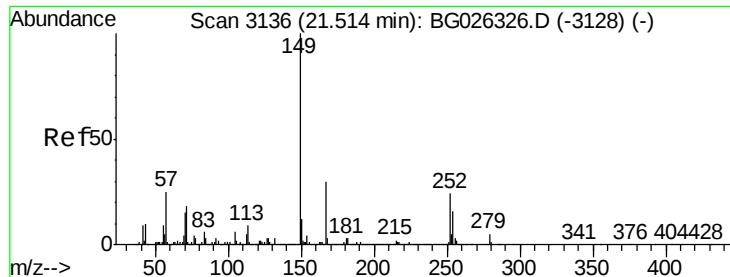


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.12 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG026424.D

Acq: 24 Mar 2017 21:09

Instrument :

BNA\_G

ClientSampleId :

25A-7-9

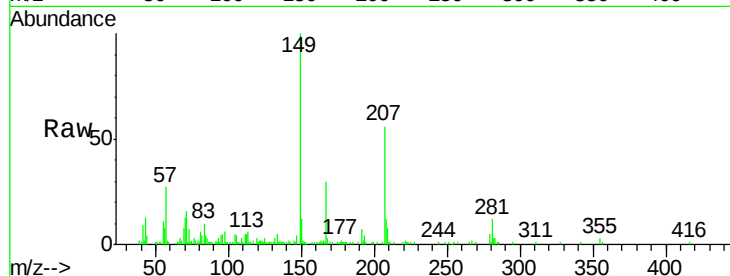
Tot Ion:149 Resp: 76725

Ion Ratio Lower Upper

149 100

167 30.3 23.7 35.5

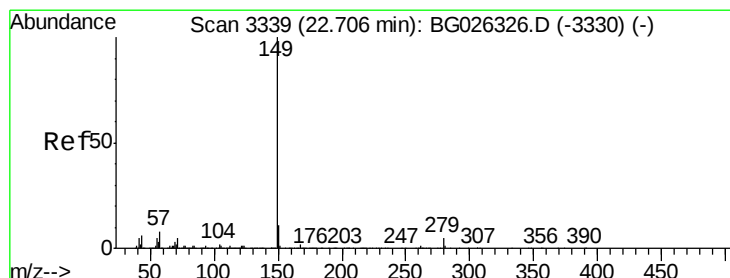
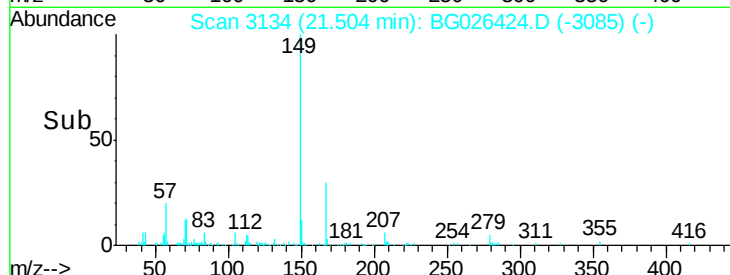
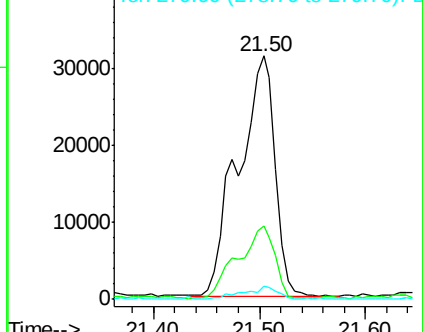
279 5.2 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 2.10 ng

RT: 22.77 min Scan# 3350

Delta R.T. 0.07 min

Lab File: BG026424.D

Acq: 24 Mar 2017 21:09

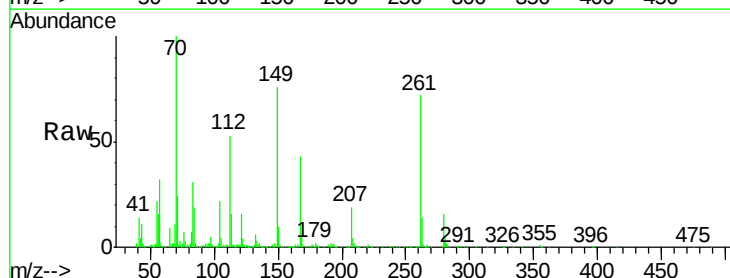
Tgt Ion:149 Resp: 129532

Ion Ratio Lower Upper

149 100

167 59.0 1.4 2.2#

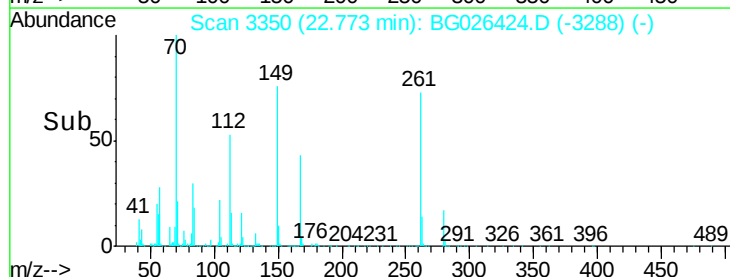
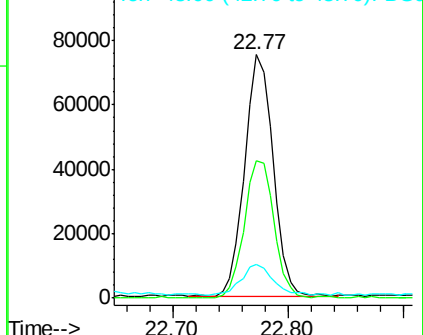
43 14.0 11.8 17.6

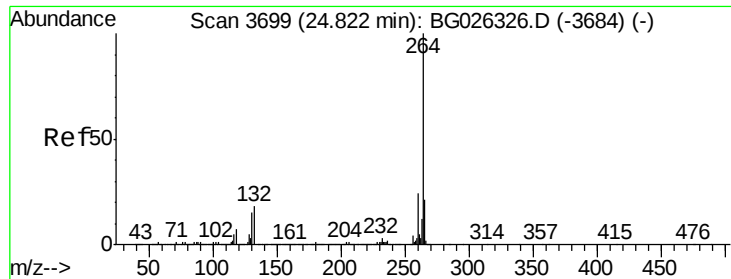


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

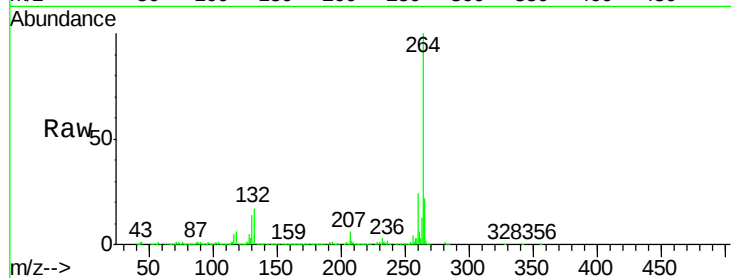




#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 24.81 min Scan# 3696  
Delta R.T. -0.02 min  
Lab File: BG026424.D  
Acq: 24 Mar 2017 21:09

Instrument :  
BNA\_G  
ClientSampleId :  
25A-7-9

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 21.8  | 32.8  |
| 265     | 21.9  | 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

