

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\  
 Data File : BG044310.D  
 Acq On : 5 Feb 2020 18:45  
 Operator : CG/JU  
 Sample : L1390-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-3

Quant Time: Feb 06 02:25:41 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 30 16:05:09 2020  
 Response via : Initial Calibration

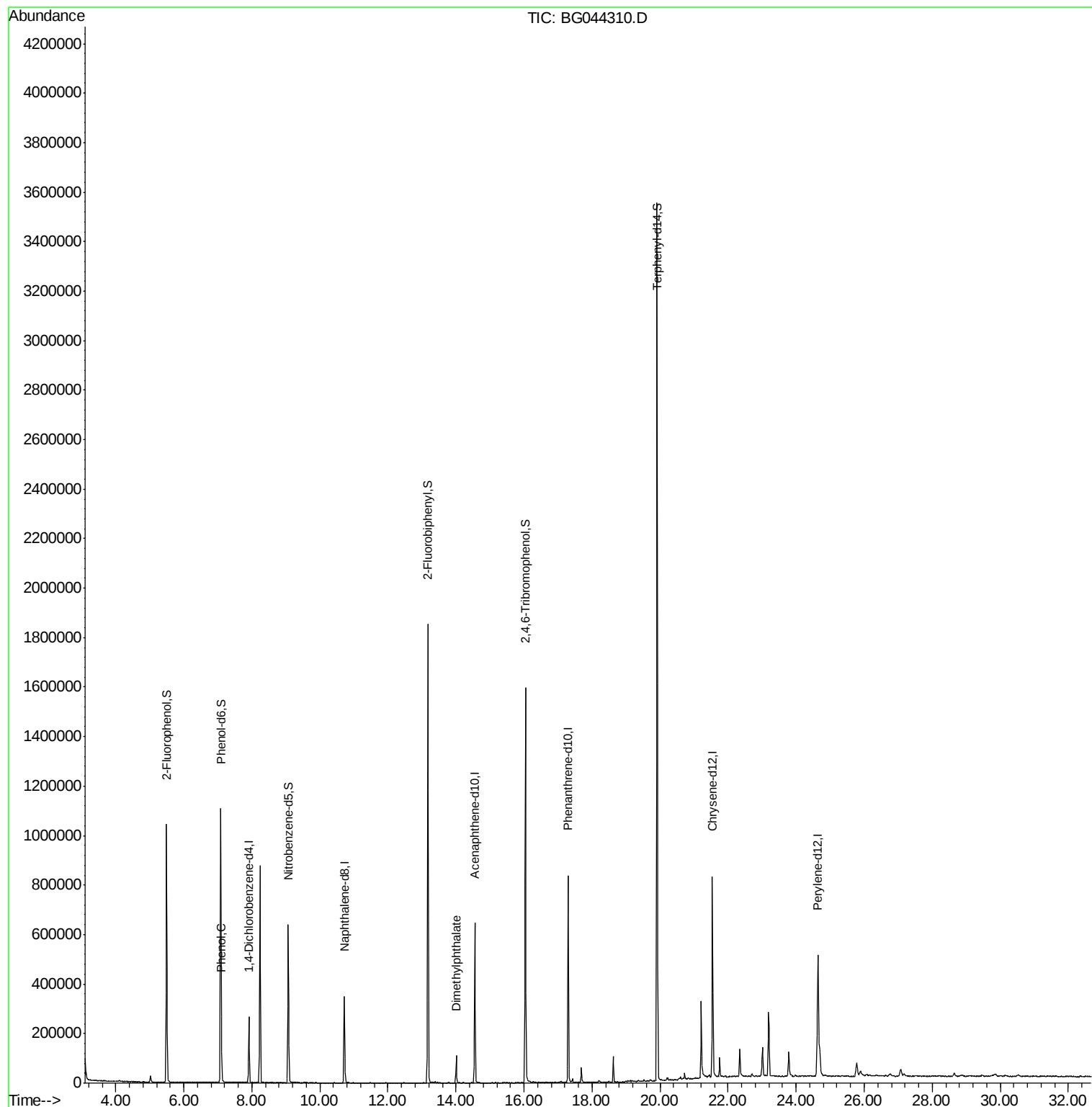
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 78029    | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 10.72 | 136  | 333393   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 14.55 | 164  | 234333   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 17.30 | 188  | 538526   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 21.54 | 240  | 492431   | 20.00  | ng    | 0.00        |
| 87) Perylene-d12            | 24.64 | 264  | 548176   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.49  | 112  | 519969   | 117.61 | ng    | 0.00        |
| 7) Phenol-d6                | 7.09  | 99   | 713784   | 120.22 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 9.07  | 82   | 428353   | 72.54  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 16.04 | 330  | 317737   | 115.50 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 13.17 | 172  | 1006740  | 71.94  | ng    | 0.00        |
| 79) Terphenyl-d14           | 19.91 | 244  | 1669348  | 69.73  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 7.11  | 94   | 14581    | 2.482  | ng    | Qvalue # 73 |
| 50) Dimethylphthalate       | 14.01 | 163  | 88521    | 5.255  | ng    | 99          |

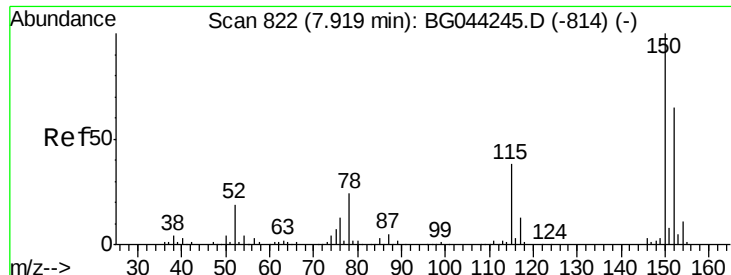
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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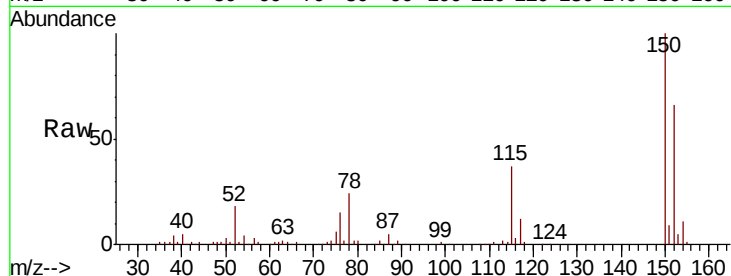


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.91 min Scan# 821  
Delta R.T. -0.00 min  
Lab File: BG044310.D  
Acq: 5 Feb 2020 18:45

Instrument :  
BNA\_G  
ClientSampleID :  
SB-3

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.2 | 122.6 | 183.8 |
| 115     | 55.9  | 46.0  | 69.0  |

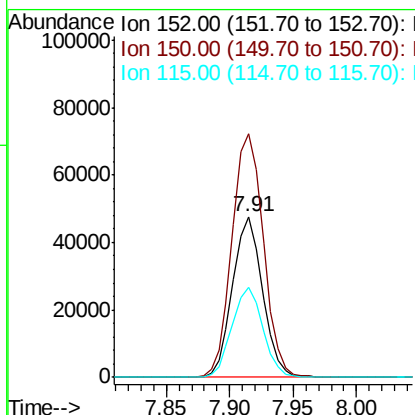
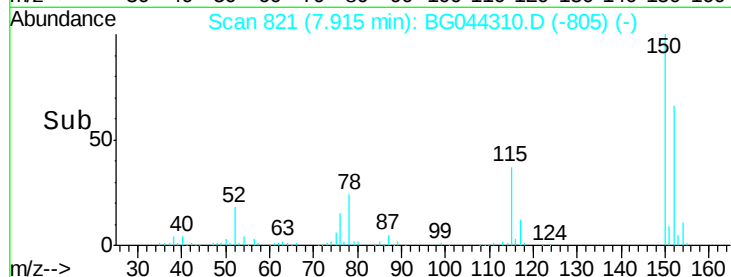


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

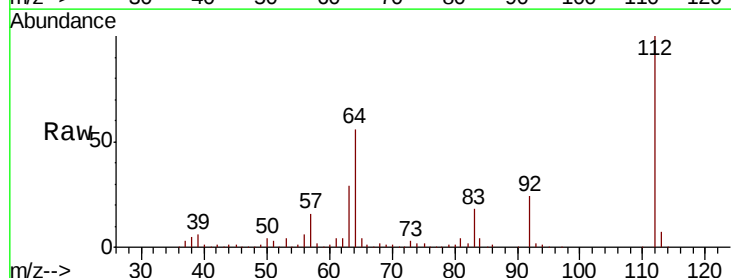
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 117.605 ng  
RT: 5.49 min Scan# 409  
Delta R.T. 0.00 min  
Lab File: BG044310.D  
Acq: 5 Feb 2020 18:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 56.4  | 45.4  | 68.2  |
| 63      | 28.8  | 22.9  | 34.3  |

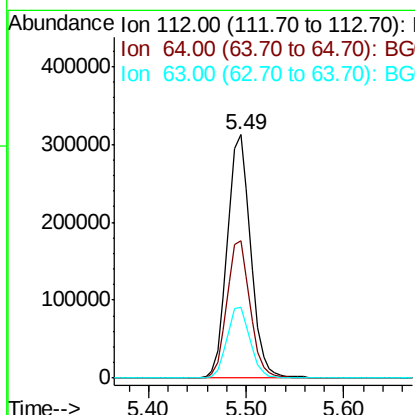
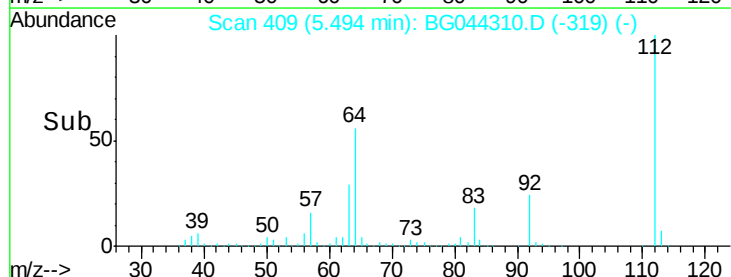


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 120.223 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

Instrument :

BNA\_G

ClientSampled :

SB-3

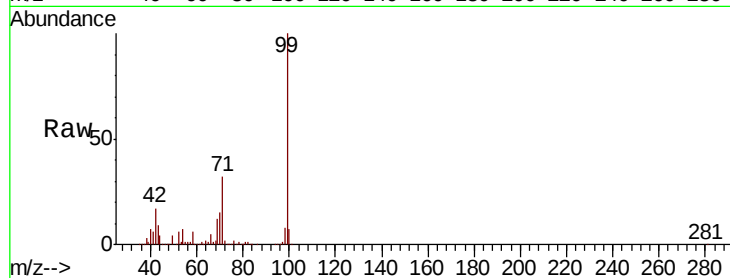
Tot Ion: 99 Resp: 713784

Ion Ratio Lower Upper

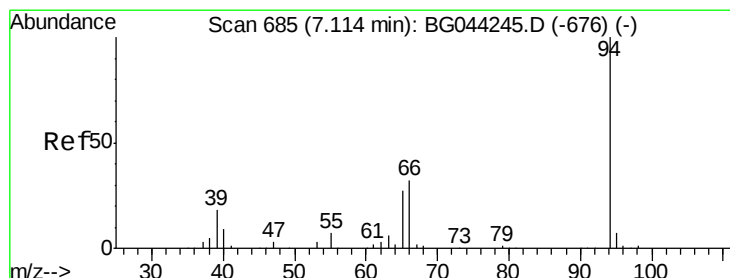
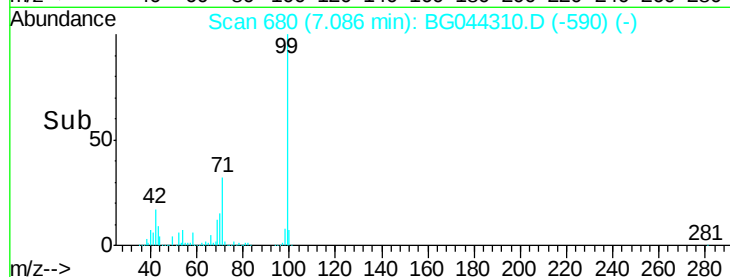
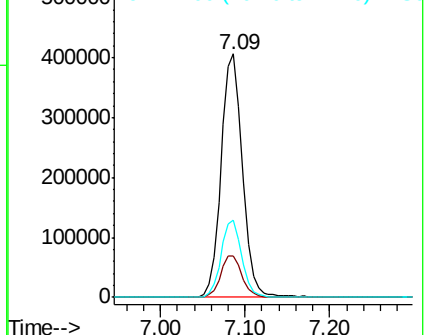
99 100

42 16.9 13.8 20.6

71 31.8 25.5 38.3



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



#10

Phenol

Concen: 2.482 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

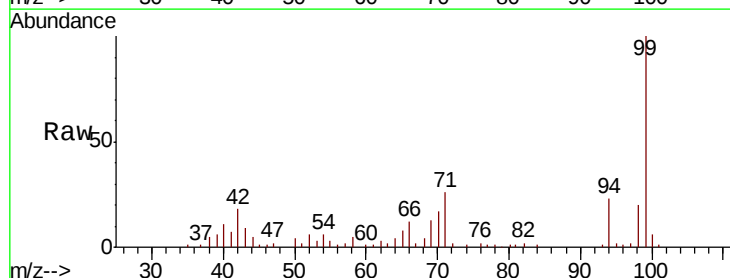
Tgt Ion: 94 Resp: 14581

Ion Ratio Lower Upper

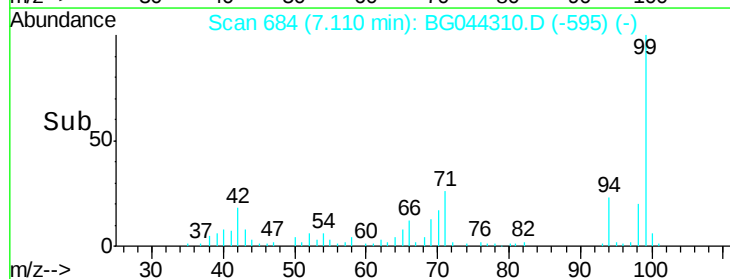
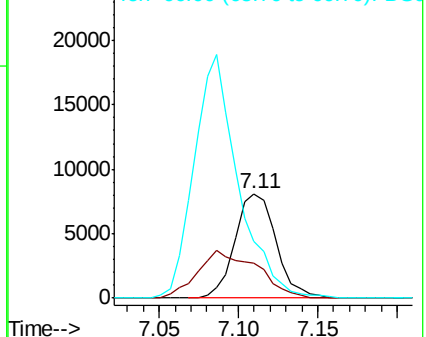
94 100

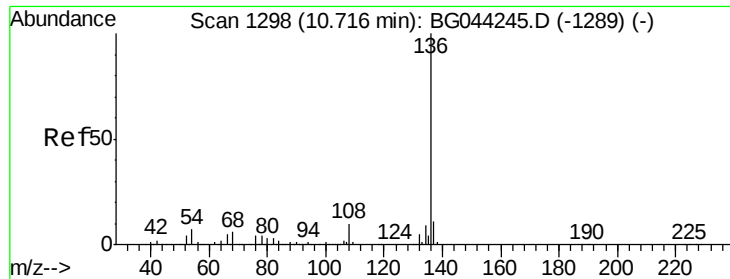
65 33.9 7.0 47.0

66 54.7 12.7 52.7#



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC

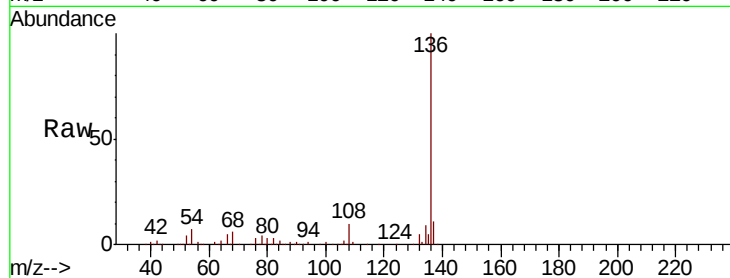




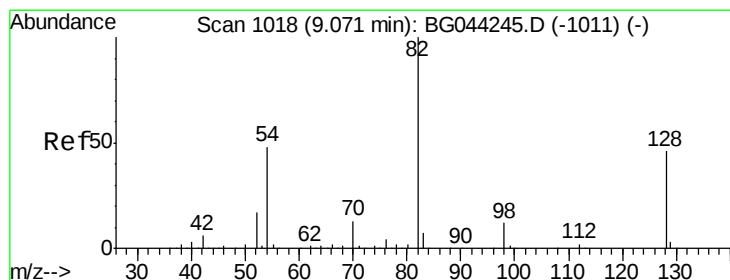
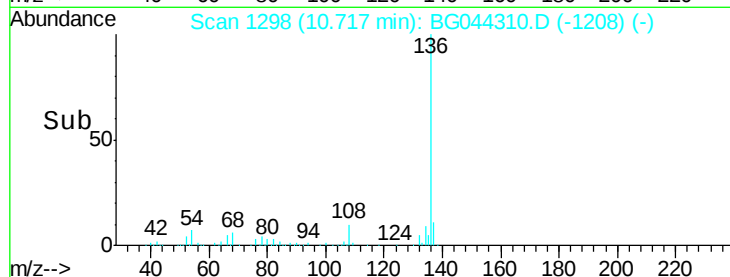
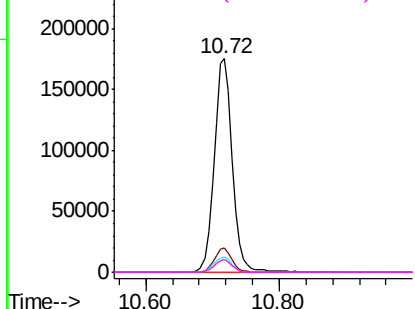
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.72 min Scan# 1298  
Delta R.T. 0.00 min  
Lab File: BG044310.D  
Acq: 5 Feb 2020 18:45

Instrument :  
BNA\_G  
ClientSampleId :  
SB-3

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 333393 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.2    | 8.8   | 13.2   |
| 54 7.5      | 5.8   | 8.8    |
| 68 5.8      | 4.6   | 6.8    |

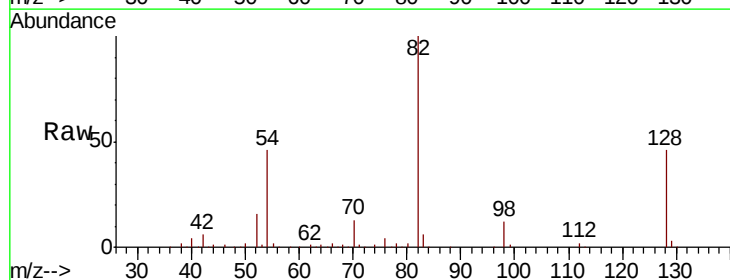


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

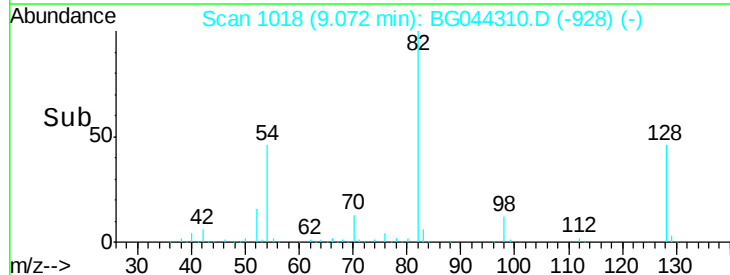
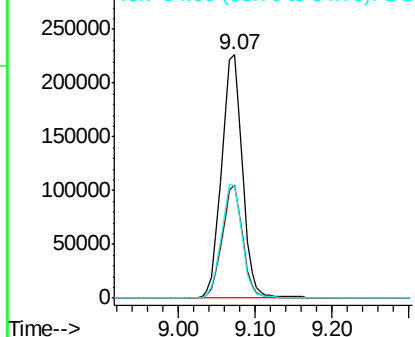


#23  
Nitrobenzene-d5  
Concen: 72.537 ng  
RT: 9.07 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: BG044310.D  
Acq: 5 Feb 2020 18:45

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 82 | Resp: | 428353 |
| Ion | Ratio   | Lower | Upper  |
| 82  | 100     |       |        |
| 128 | 46.3    | 36.5  | 54.7   |
| 54  | 46.1    | 38.6  | 58.0   |



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

Instrument :

BNA\_G

ClientSampleId :

SB-3

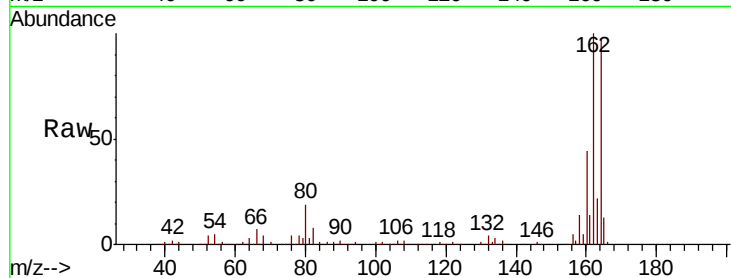
Tot Ion:164 Resp: 234333

Ion Ratio Lower Upper

164 100

162 103.3 80.7 121.1

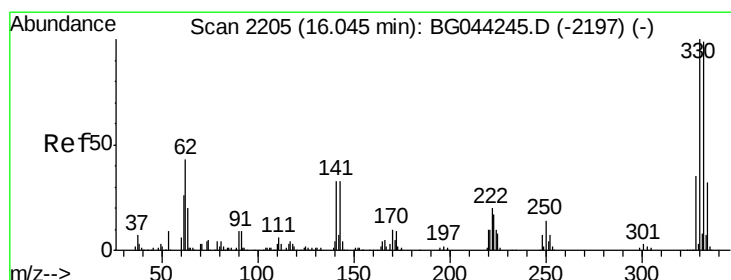
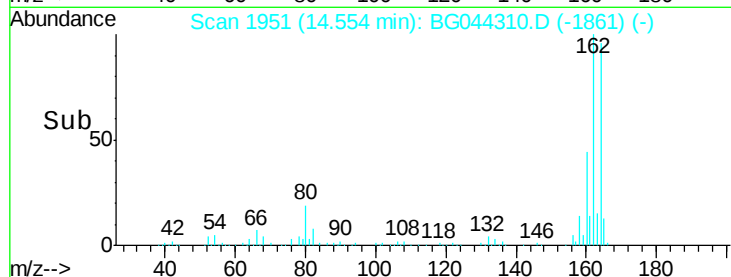
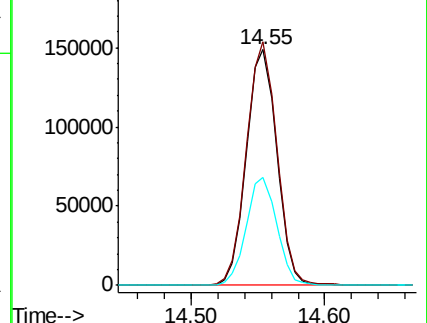
160 46.0 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 115.501 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

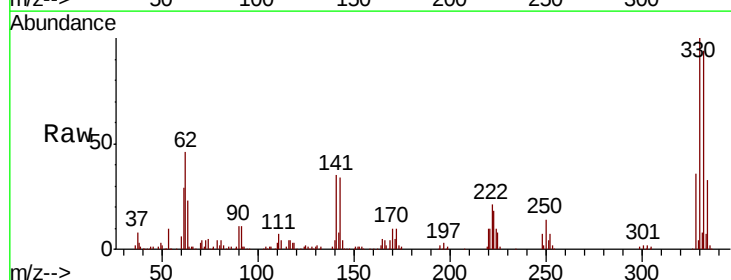
Tgt Ion:330 Resp: 317737

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

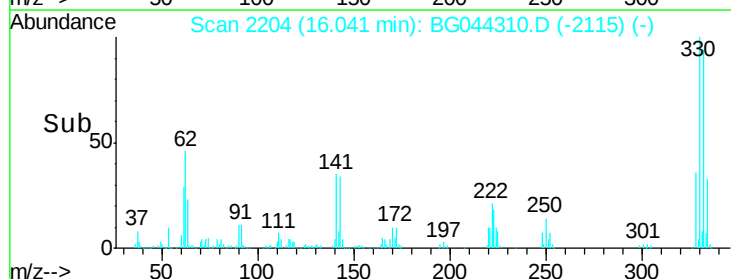
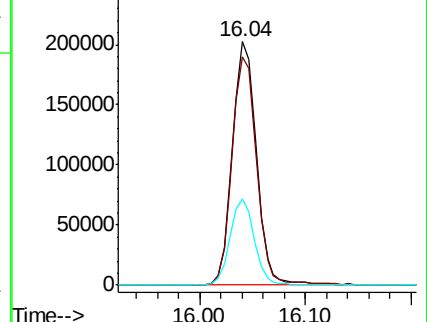
141 35.9 28.3 42.5



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

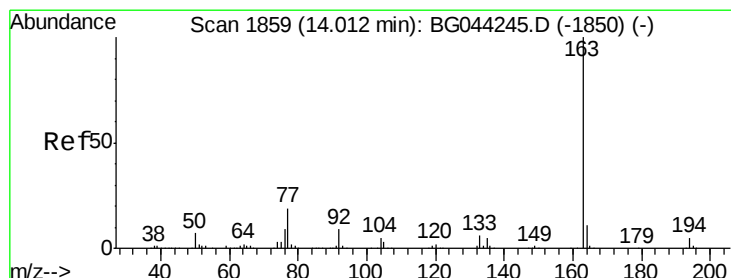
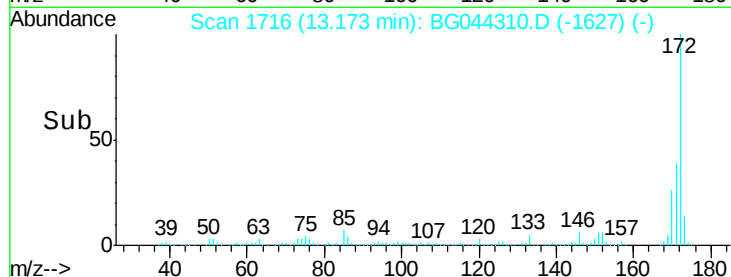
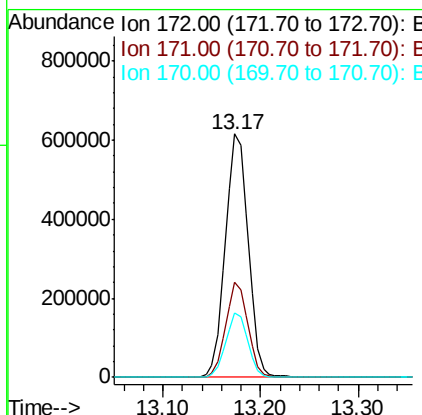
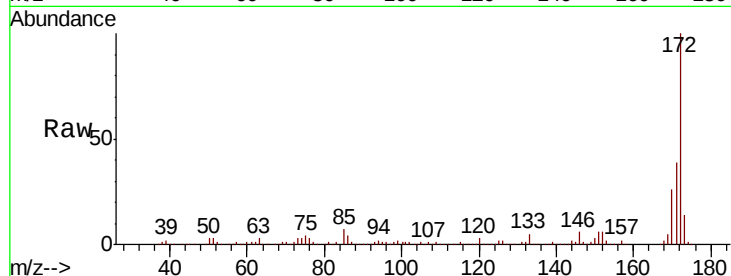




#45  
 2-Fluorobiphenyl  
 Concen: 71.942 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.00 min  
 Lab File: BG044310.D  
 Acq: 5 Feb 2020 18:45

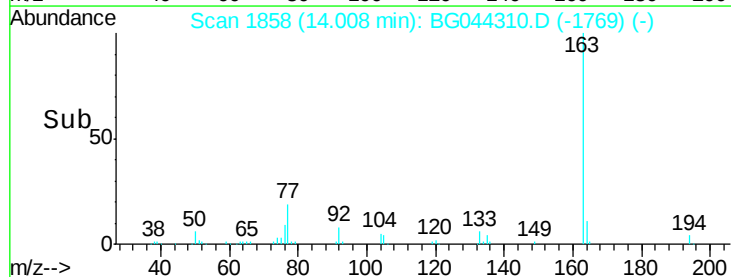
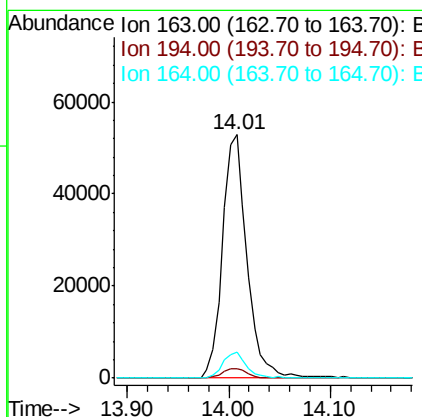
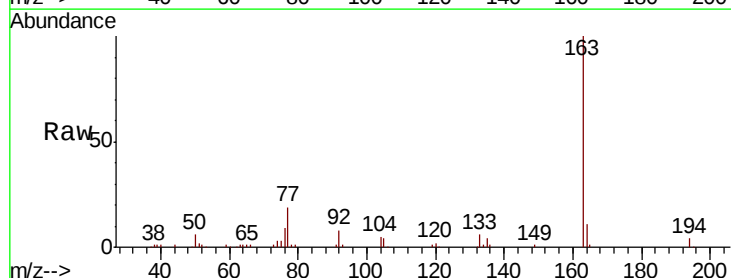
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-3

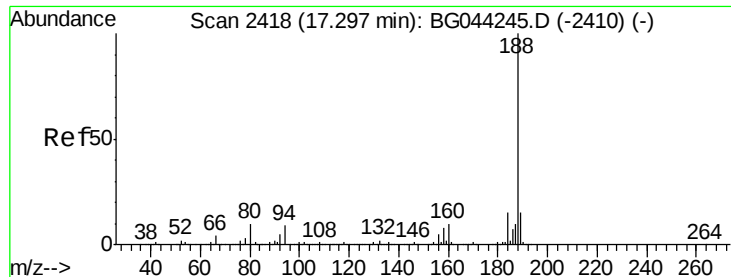
Tot Ion:172 Resp: 1006740  
 Ion Ratio Lower Upper  
 172 100  
 171 39.1 32.9 49.3  
 170 26.2 22.0 33.0



#50  
 Dimethylphthalate  
 Concen: 5.255 ng  
 RT: 14.01 min Scan# 1858  
 Delta R.T. -0.00 min  
 Lab File: BG044310.D  
 Acq: 5 Feb 2020 18:45

Tgt Ion:163 Resp: 88521  
 Ion Ratio Lower Upper  
 163 100  
 194 3.8 3.6 5.4  
 164 10.6 8.7 13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

Instrument :

BNA\_G

ClientSampleId :

SB-3

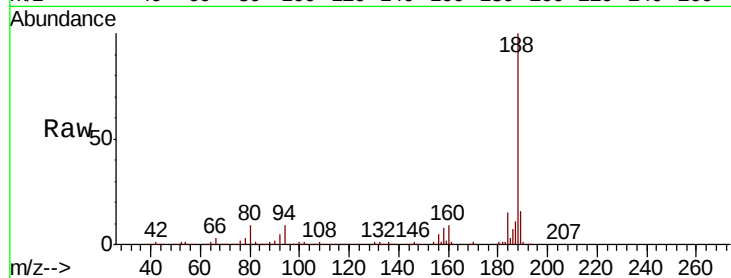
Tot Ion:188 Resp: 538526

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

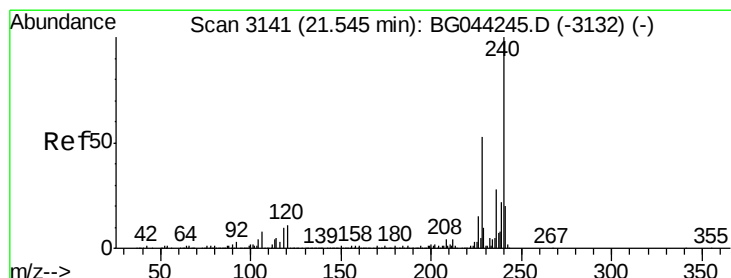
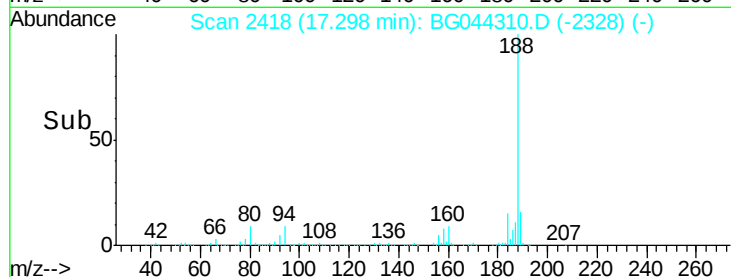
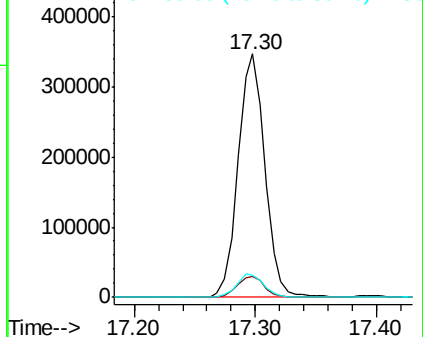
80 9.2 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

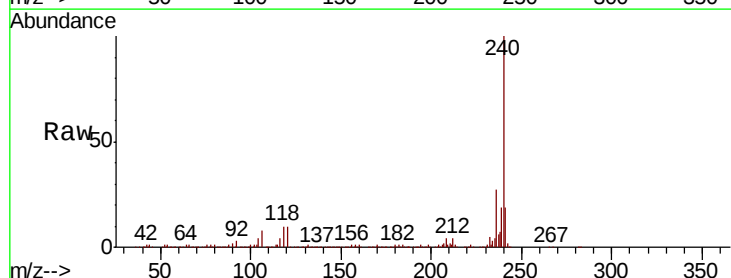
Tgt Ion:240 Resp: 492431

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

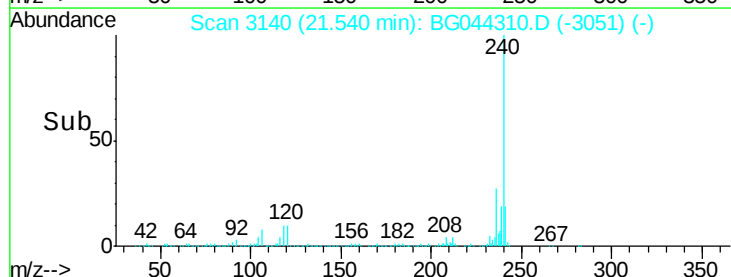
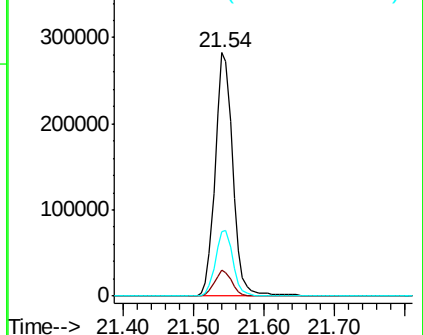
236 26.7 22.1 33.1

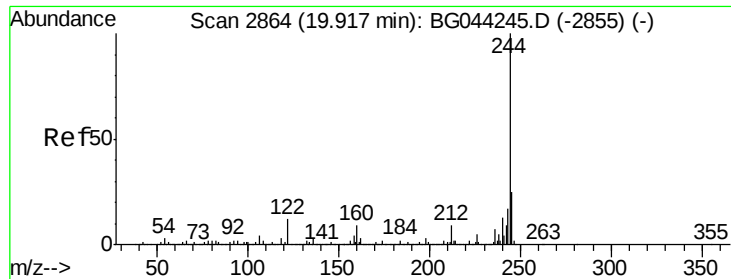


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.728 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

Instrument :

BNA\_G

ClientSampleId :

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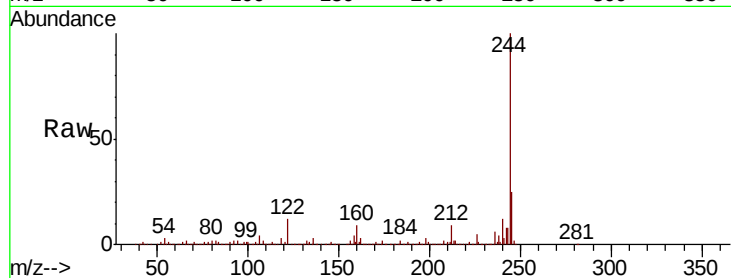
Tot Ion:244 Resp: 1669348

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

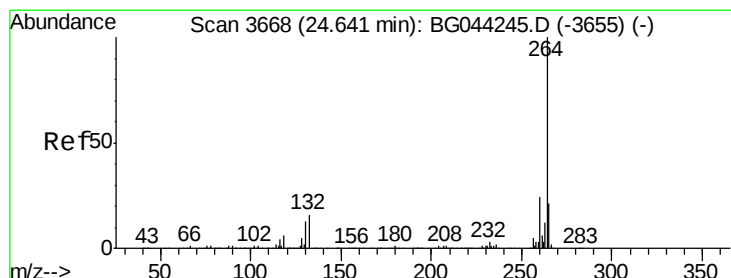
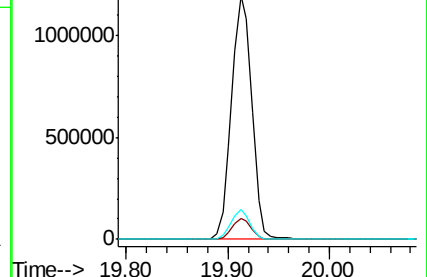
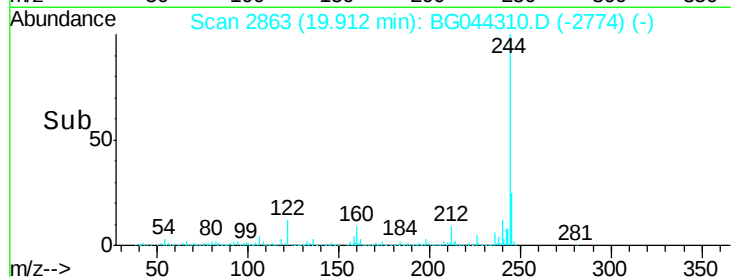
122 12.0 9.8 14.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG044310.D

Acq: 5 Feb 2020 18:45

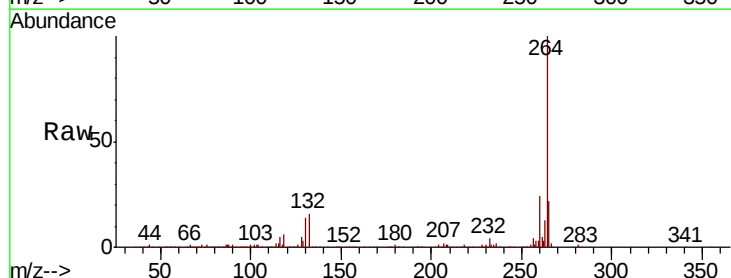
Tgt Ion:264 Resp: 548176

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.9 16.7 25.1



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

