

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\  
 Data File : BG044655.D  
 Acq On : 3 Mar 2020 7:00  
 Operator : CG/JU  
 Sample : L1743-06  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C-9

Manual Integrations  
 APPROVED

mohammad  
 3/3/2020 12:28:49 PM

Quant Time: Mar 03 08:25:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 24 16:11:23 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|-------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.80  | 152  | 67597m   | 20.00 | ng    | -0.07        |
| 21) Naphthalene-d8          | 10.60 | 136  | 304540   | 20.00 | ng    | -0.07        |
| 39) Acenaphthene-d10        | 14.45 | 164  | 204295   | 20.00 | ng    | -0.07        |
| 64) Phenanthrene-d10        | 17.20 | 188  | 435362   | 20.00 | ng    | -0.06        |
| 76) Chrysene-d12            | 21.43 | 240  | 395029   | 20.00 | ng    | -0.07        |
| 87) Perylene-d12            | 24.45 | 264  | 442565   | 20.00 | ng    | -0.12        |
| System Monitoring Compounds |       |      |          |       |       |              |
| 5) 2-Fluorophenol           | 5.37  | 112  | 419262   | 99.52 | ng    | -0.07        |
| 7) Phenol-d6                | 6.98  | 99   | 562670   | 97.57 | ng    | -0.07        |
| 23) Nitrobenzene-d5         | 8.96  | 82   | 344594   | 58.29 | ng    | -0.07        |
| 42) 2,4,6-Tribromophenol    | 15.94 | 330  | 228803   | 78.99 | ng    | -0.07        |
| 45) 2-Fluorobiphenyl        | 13.08 | 172  | 837736   | 58.72 | ng    | -0.06        |
| 79) Terphenyl-d14           | 19.82 | 244  | 1245340  | 59.68 | ng    | -0.06        |
| Target Compounds            |       |      |          |       |       |              |
| 50) Dimethylphthalate       | 13.91 | 163  | 75447    | 4.576 | ng    | Qvalue<br>98 |

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

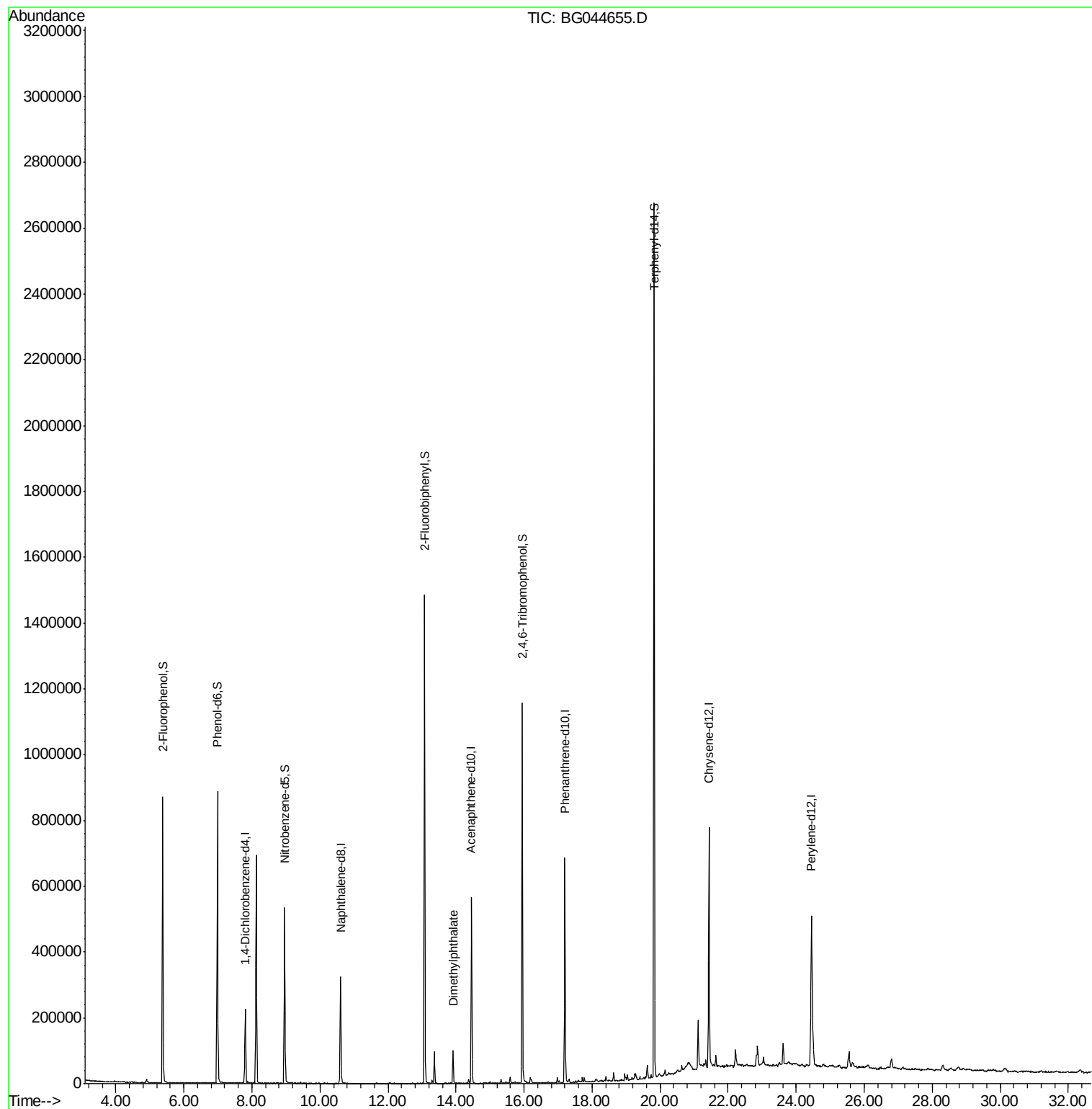
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\  
Data File : BG044655.D  
Acq On : 3 Mar 2020 7:00  
Operator : CG/JU  
Sample : L1743-06  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

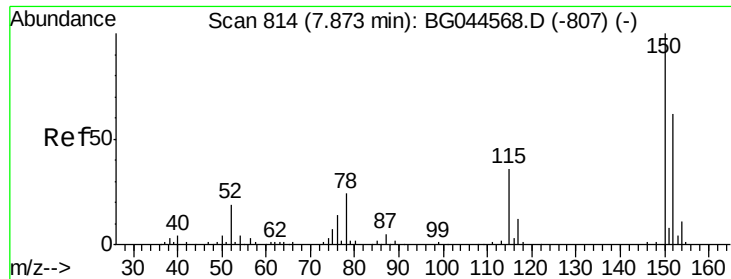
Instrument :  
BNA\_G  
ClientSampleId :  
C-9

Manual Integrations  
APPROVED

mohammad  
3/3/2020 12:28:49 PM

Quant Time: Mar 03 08:25:53 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 24 16:11:23 2020  
Response via : Initial Calibration





#1

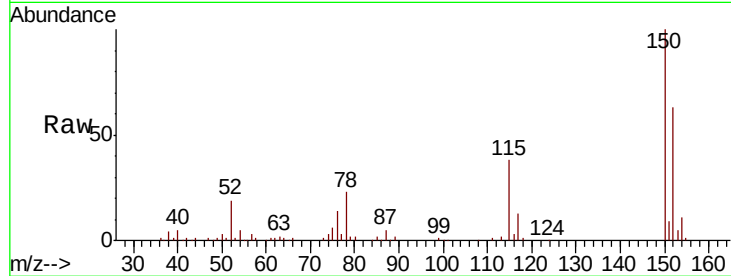
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng/ml  
RT: 7.80 min Scan# 802  
Delta R.T. -0.07 min  
Lab File: BG044655.D  
Acq: 3 Mar 2020 7:00

Instrument :  
BNA\_G  
ClientSampled :  
C-9

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.8 | 128.9 | 193.3 |
| 115     | 60.4  | 47.0  | 70.4  |

Manual Integrations  
APPROVED

mohammad  
3/3/2020 12:28:49 PM



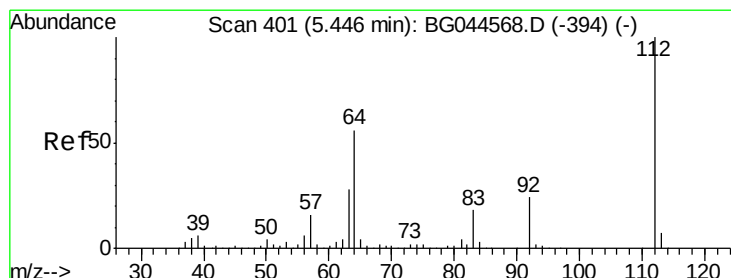
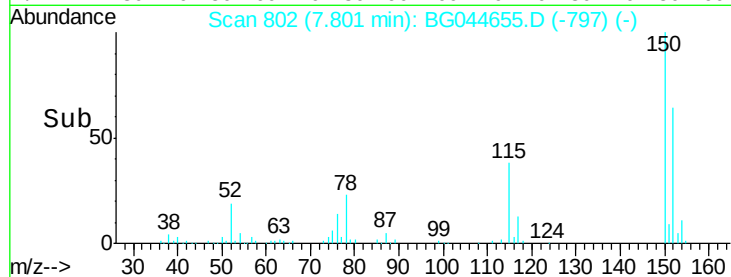
Abundance

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

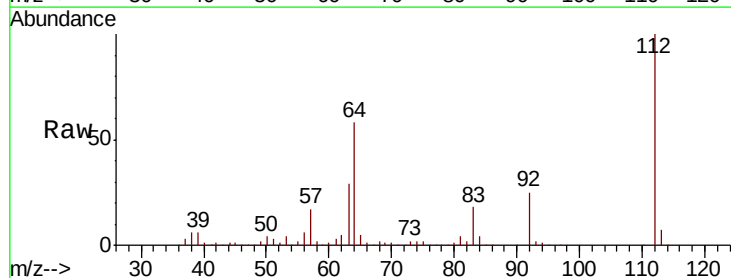
Time-->



#5

2-Fluorophenol  
Concen: 99.515 ng/ml  
RT: 5.37 min Scan# 389  
Delta R.T. -0.07 min  
Lab File: BG044655.D  
Acq: 3 Mar 2020 7:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 57.9  | 44.8  | 67.2  |
| 63      | 29.1  | 22.3  | 33.5  |



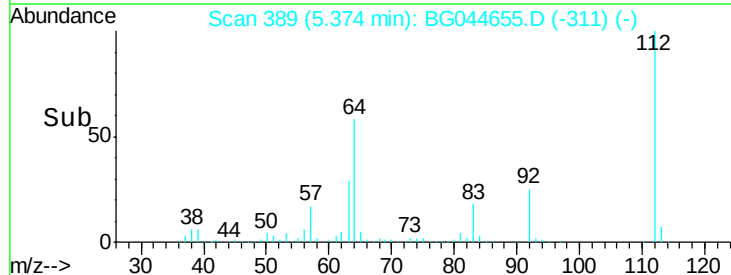
Abundance

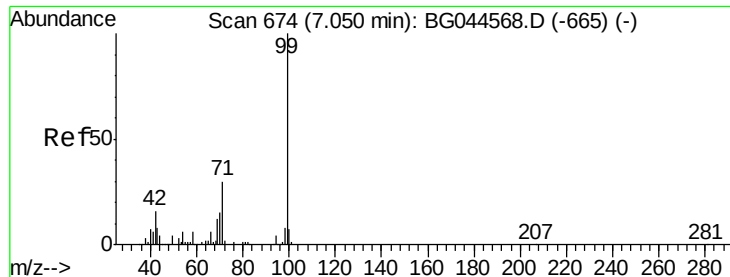
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0

Time-->





#7

Phenol-d6

Concen: 97.570 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044655.D

Acq: 3 Mar 2020 7:00

Instrument :

BNA\_G

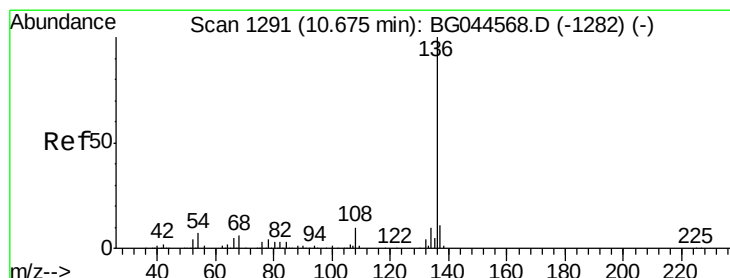
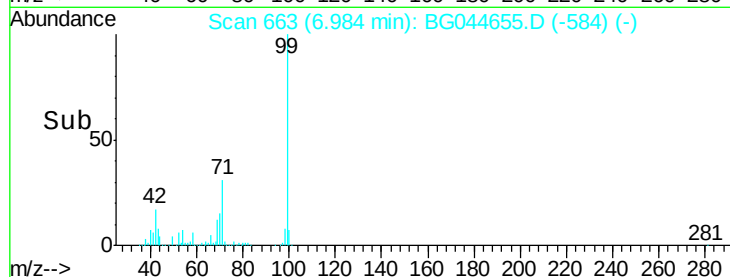
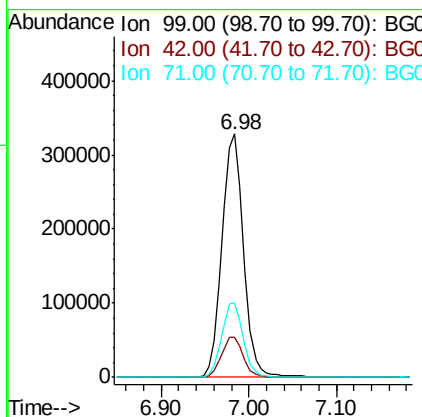
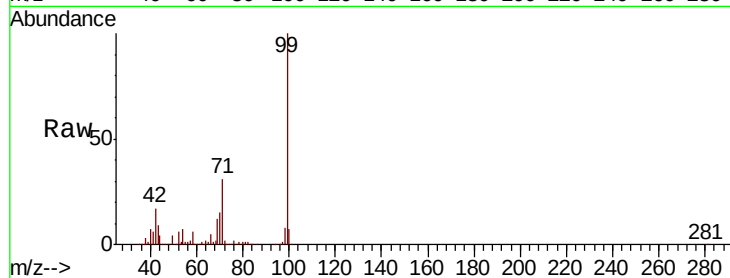
ClientSampleId :

C-9

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 562670 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 16.5  | 12.8  | 19.2   |
| 71       | 30.8  | 24.4  | 36.6   |

Manual Integrations  
APPROVED

mohammad  
3/3/2020 12:28:49 PM



#21

Naphthalene-d8

Concen: 20.000 ng

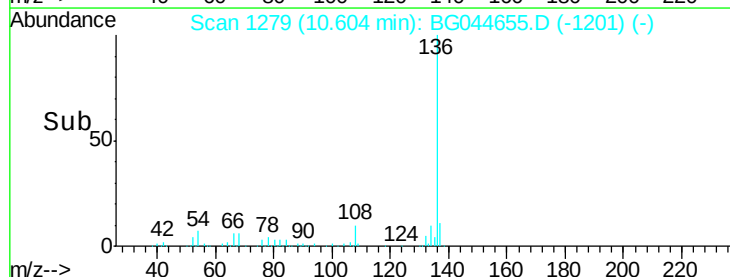
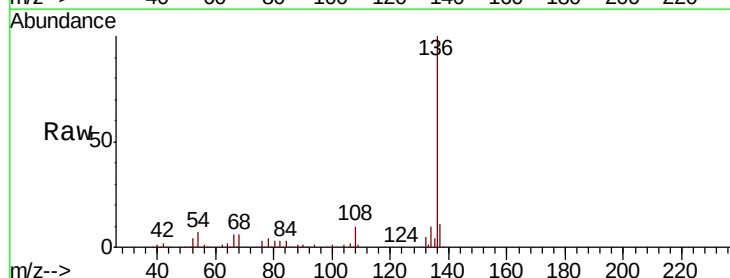
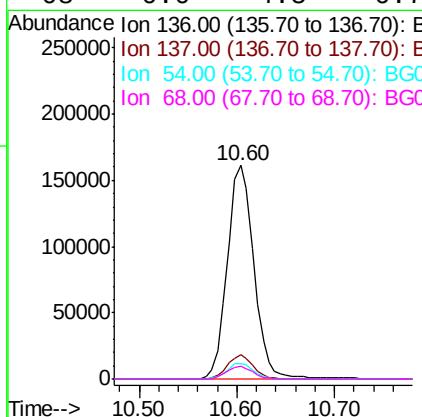
RT: 10.60 min Scan# 1279

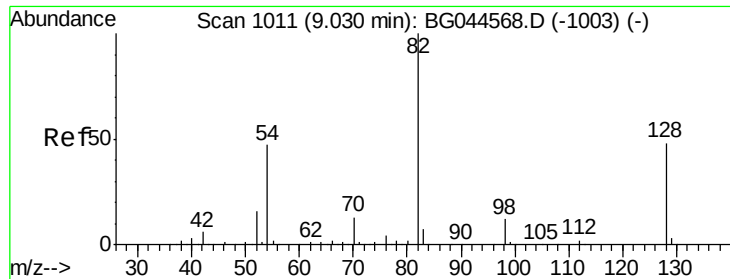
Delta R.T. -0.07 min

Lab File: BG044655.D

Acq: 3 Mar 2020 7:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 304540 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 8.8   | 13.2   |
| 54       | 7.4   | 5.7   | 8.5    |
| 68       | 6.0   | 4.5   | 6.7    |





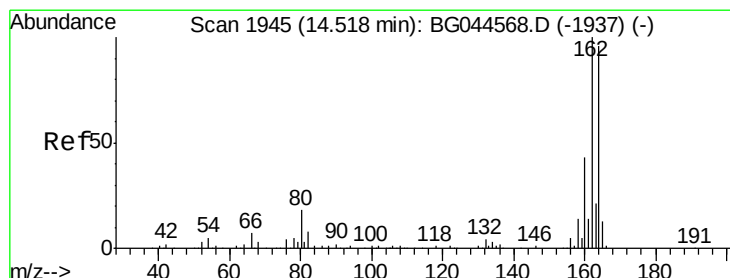
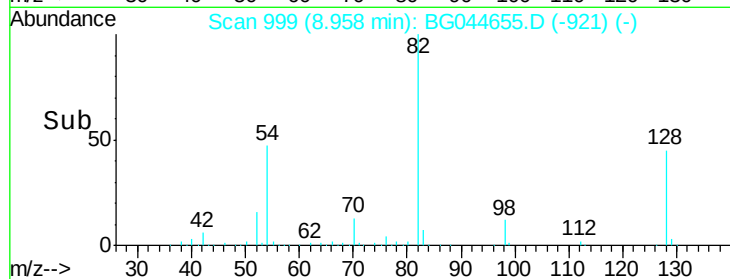
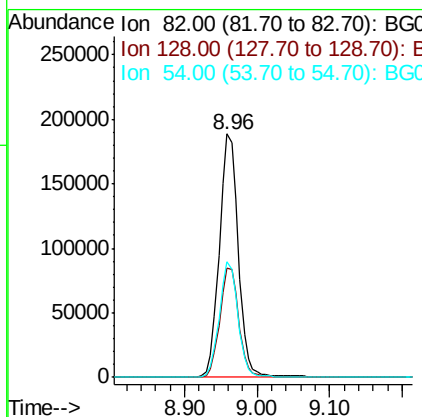
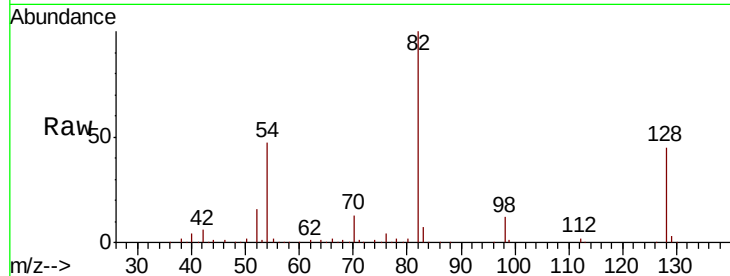
#23  
Nitrobenzene-d5  
Concen: 58.294 ng  
RT: 8.96 min Scan# 999  
Delta R.T. -0.07 min  
Lab File: BG044655.D  
Acq: 3 Mar 2020 7:00

Instrument :  
BNA\_G  
ClientSampled :  
C-9

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.8  | 38.1  | 57.1  |
| 54      | 47.4  | 37.5  | 56.3  |

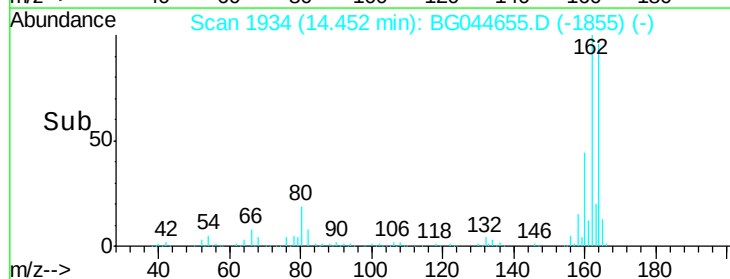
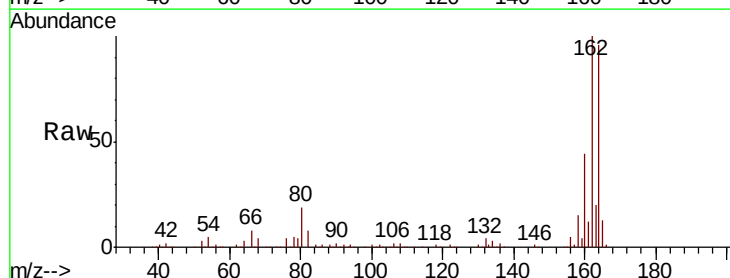
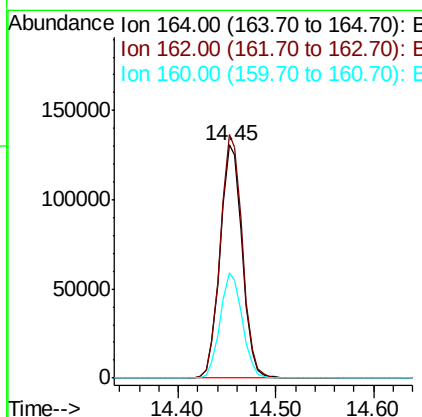
Manual Integrations  
APPROVED

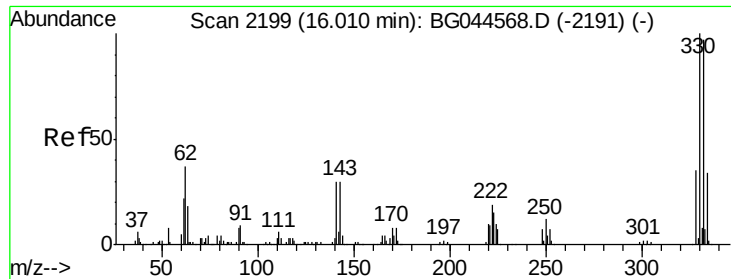
mohammad  
3/3/2020 12:28:49 PM



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.45 min Scan# 1934  
Delta R.T. -0.07 min  
Lab File: BG044655.D  
Acq: 3 Mar 2020 7:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.6 | 83.6  | 125.4 |
| 160     | 45.5  | 36.2  | 54.4  |





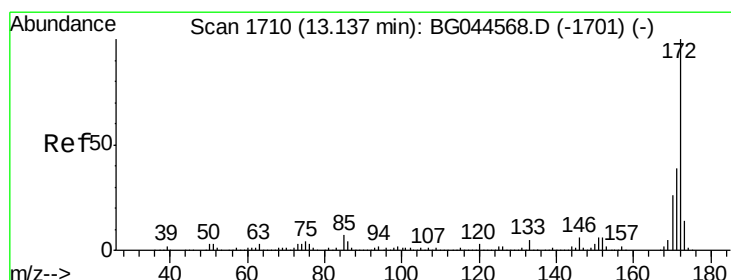
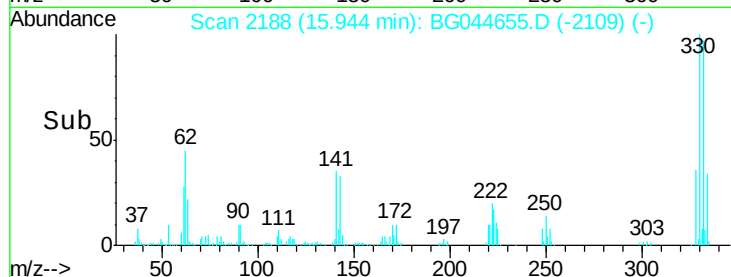
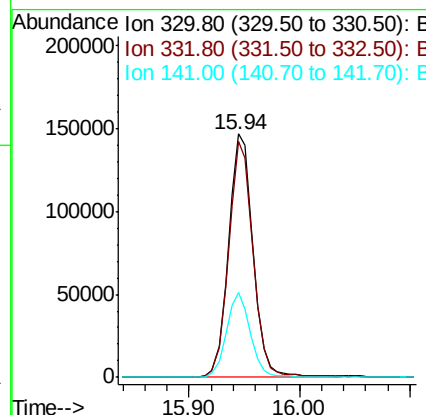
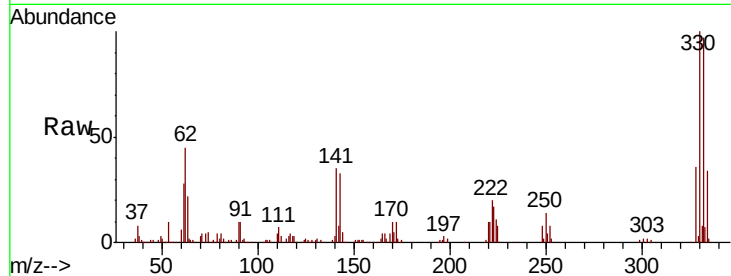
#42  
 2,4,6-Tribromophenol  
 Concen: 78.986 ng  
 RT: 15.94 min Scan# 2188  
 Delta R.T. -0.07 min  
 Lab File: BG044655.D  
 Acq: 3 Mar 2020 7:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C-9

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 228803 |       |       |
| 332     | 97.0  |        | 77.4  | 116.0 |
| 141     | 34.1  |        | 26.1  | 39.1  |

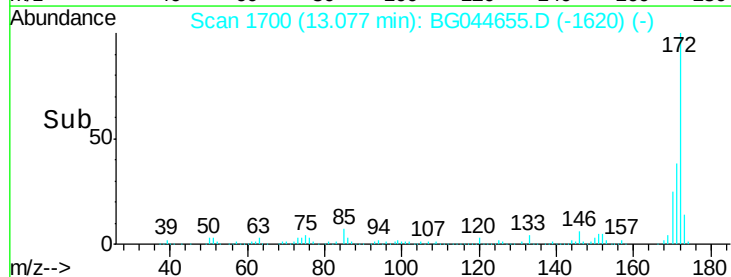
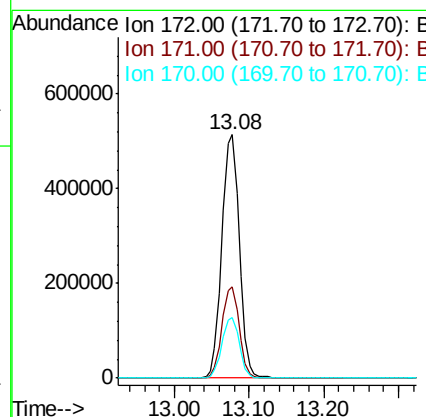
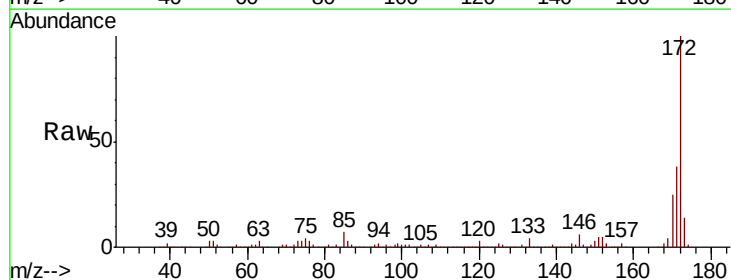
Manual Integrations  
 APPROVED

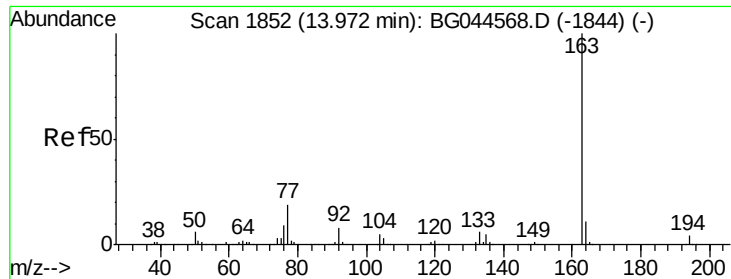
mohammad  
 3/3/2020 12:28:49 PM



#45  
 2-Fluorobiphenyl  
 Concen: 58.720 ng  
 RT: 13.08 min Scan# 1700  
 Delta R.T. -0.06 min  
 Lab File: BG044655.D  
 Acq: 3 Mar 2020 7:00

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 837736 |       |       |
| 171     | 37.7  |        | 31.3  | 46.9  |
| 170     | 24.9  |        | 21.0  | 31.4  |





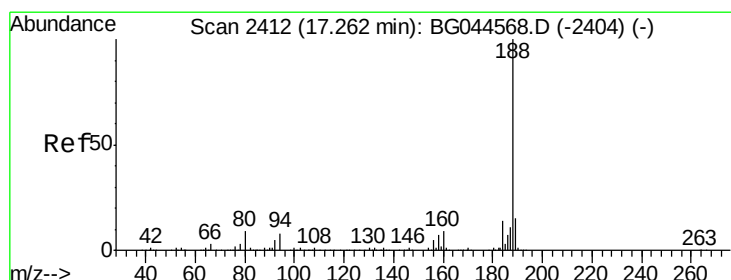
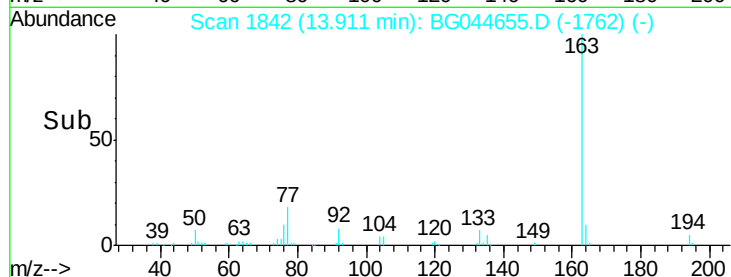
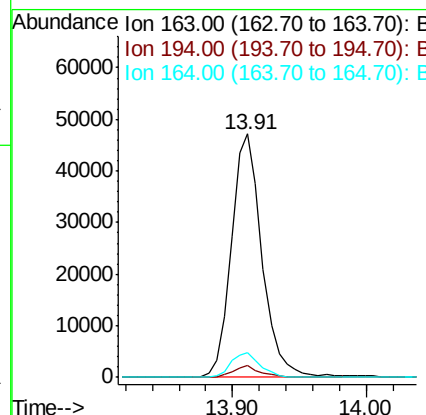
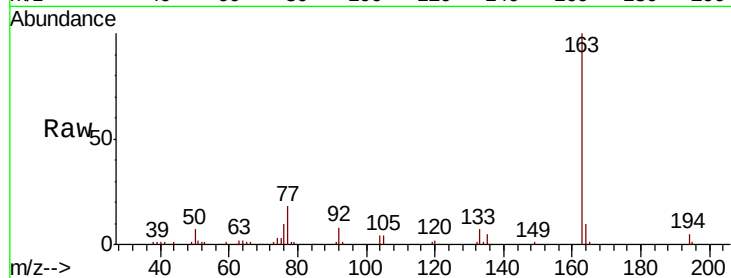
#50  
Dimethylphthalate  
Concen: 4.576 ng  
RT: 13.91 min Scan# 1842  
Delta R.T. -0.06 min  
Lab File: BG044655.D  
Acq: 3 Mar 2020 7:00

Instrument :  
BNA\_G  
ClientSampleId :  
C-9

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.8   | 3.4   | 5.0   |
| 164     | 9.9   | 8.7   | 13.1  |

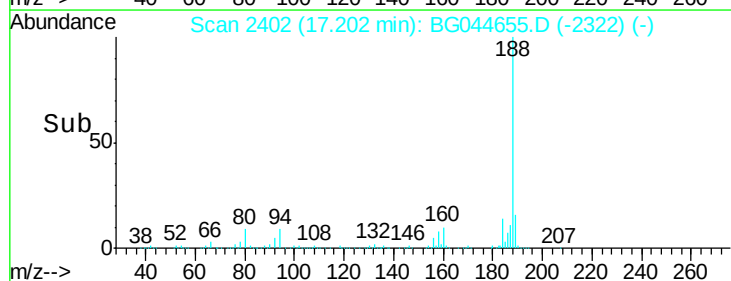
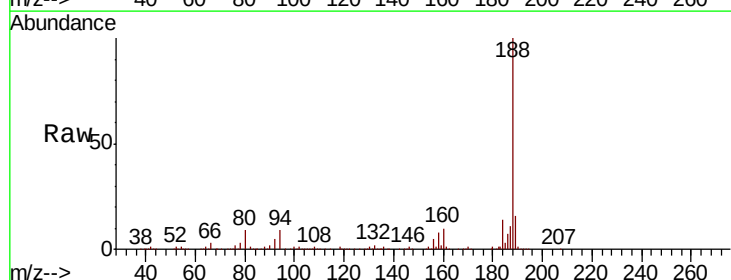
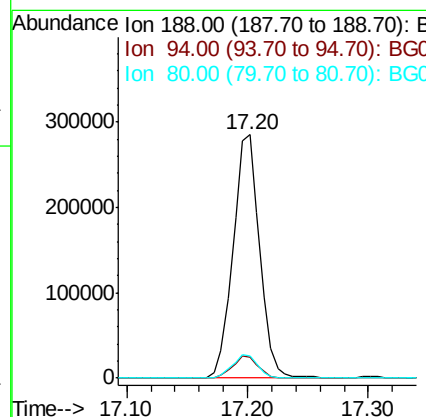
Manual Integrations  
APPROVED

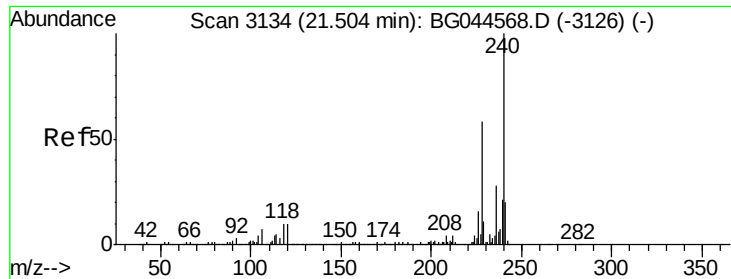
mohammad  
3/3/2020 12:28:49 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.20 min Scan# 2402  
Delta R.T. -0.06 min  
Lab File: BG044655.D  
Acq: 3 Mar 2020 7:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.7   | 6.7   | 10.1  |
| 80      | 8.9   | 7.6   | 11.4  |





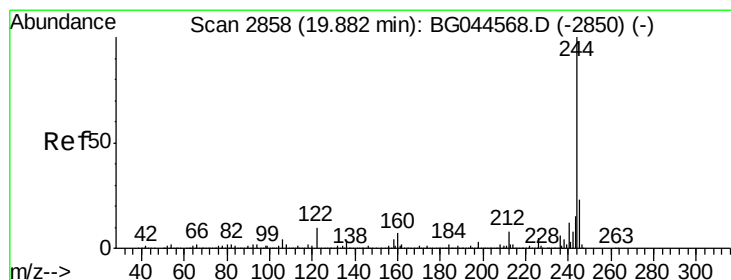
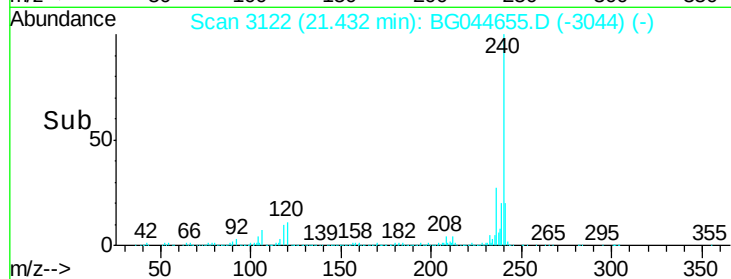
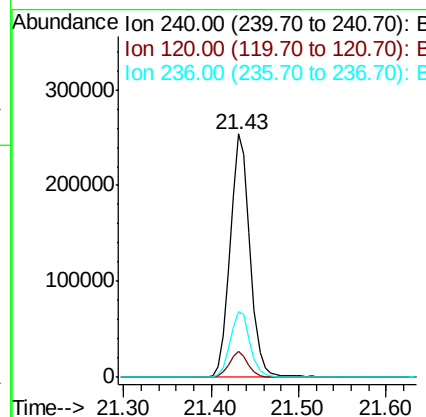
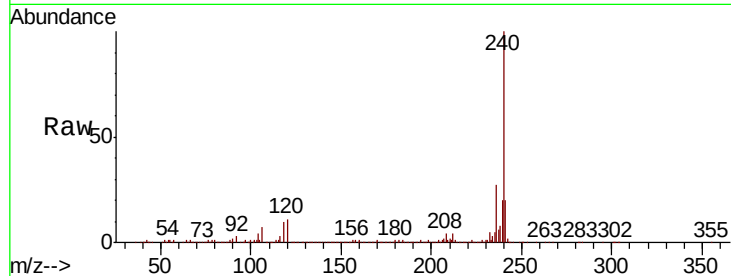
#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.43 min Scan# 3122  
 Delta R.T. -0.07 min  
 Lab File: BG044655.D  
 Acq: 3 Mar 2020 7:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C-9

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.5  | 8.3   | 12.5  |
| 236     | 27.0  | 22.3  | 33.5  |

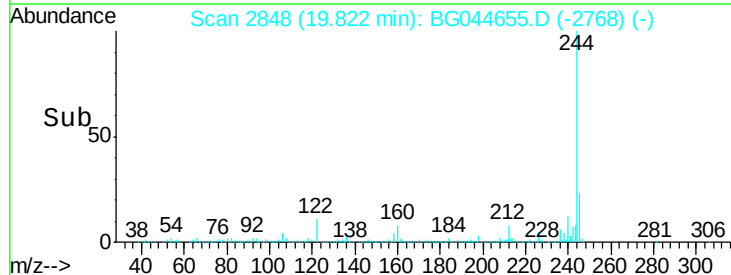
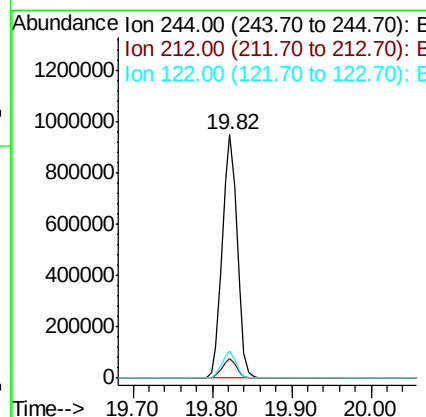
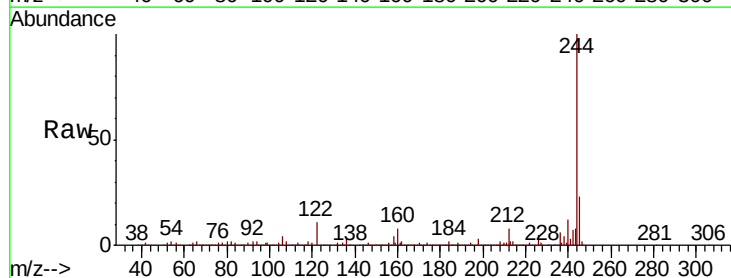
Manual Integrations  
 APPROVED

mohammad  
 3/3/2020 12:28:49 PM

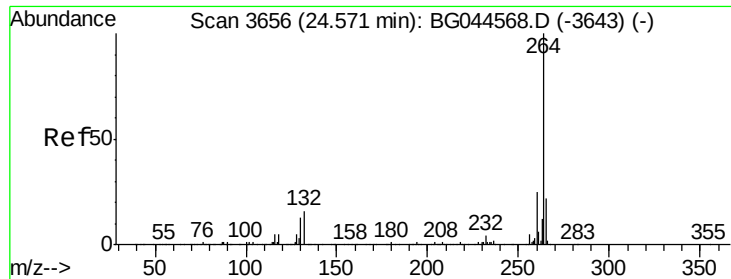


#79  
 Terphenyl-d14  
 Concen: 59.679 ng  
 RT: 19.82 min Scan# 2848  
 Delta R.T. -0.06 min  
 Lab File: BG044655.D  
 Acq: 3 Mar 2020 7:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 6.5   | 9.7   |
| 122     | 11.0  | 8.2   | 12.4  |







#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 24.45 min Scan# 3635  
 Delta R.T. -0.12 min  
 Lab File: BG044655.D  
 Acq: 3 Mar 2020 7:00

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C-9

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.3  | 19.7  | 29.5  |
| 265     | 22.3  | 17.8  | 26.8  |

Manual Integrations  
 APPROVED

mohammad  
 3/3/2020 12:28:49 PM

