

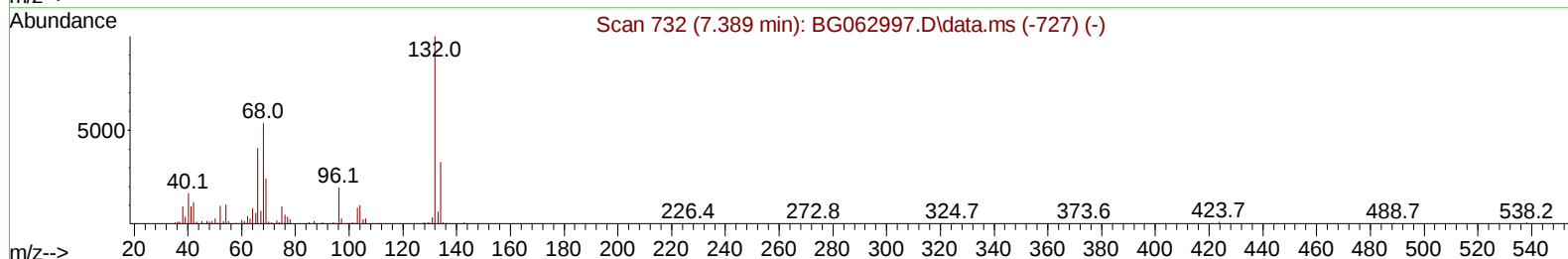
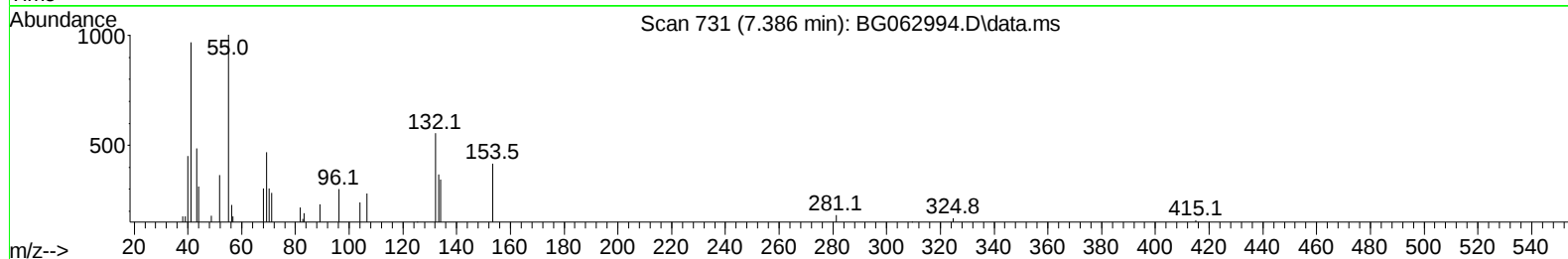
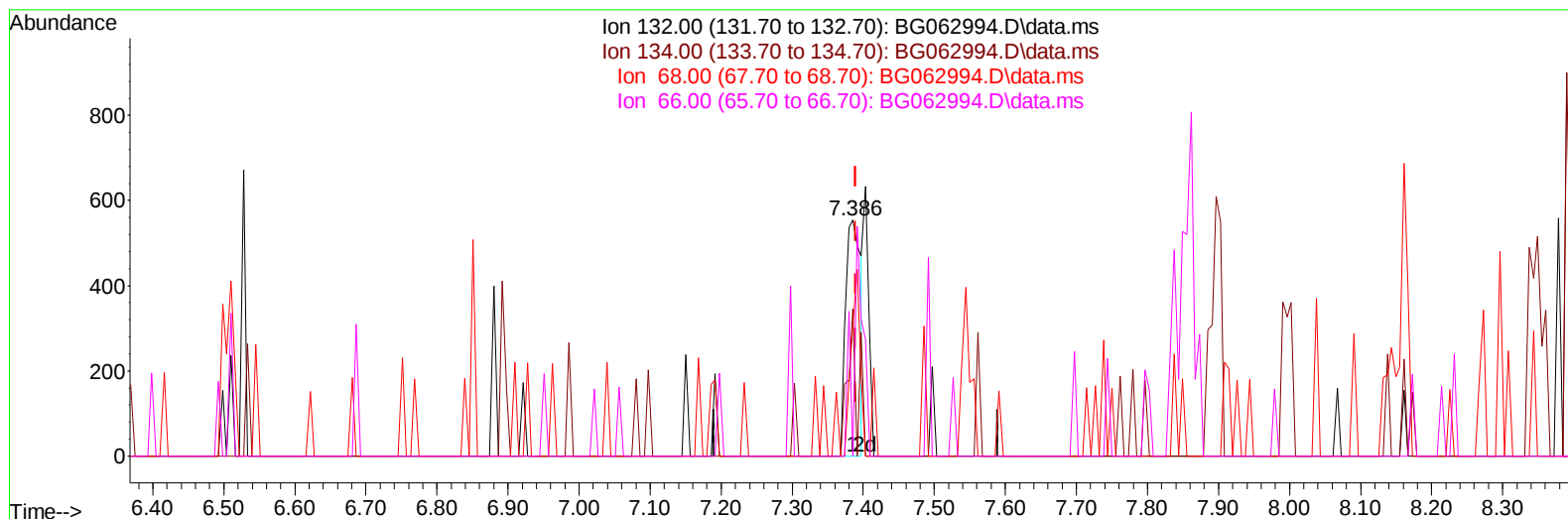
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
Data File : BG062994.D  
Acq On : 23 Sep 2024 15:53  
Operator : RC/JU  
Sample : P3899-16MEDL 20X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC52MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 23 16:32:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 18 00:45:18 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
Supervised By :mohammad ahmed 09/26/2024



TIC: BG062994.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.386min (-0.004) 0.58 ng/u1

response 832

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 132.00 | 100.00 | 100.00 |
| 134.00 | 32.40  | 62.45# |
| 68.00  | 46.00  | 55.05  |
| 66.00  | 39.40  | 0.00#  |

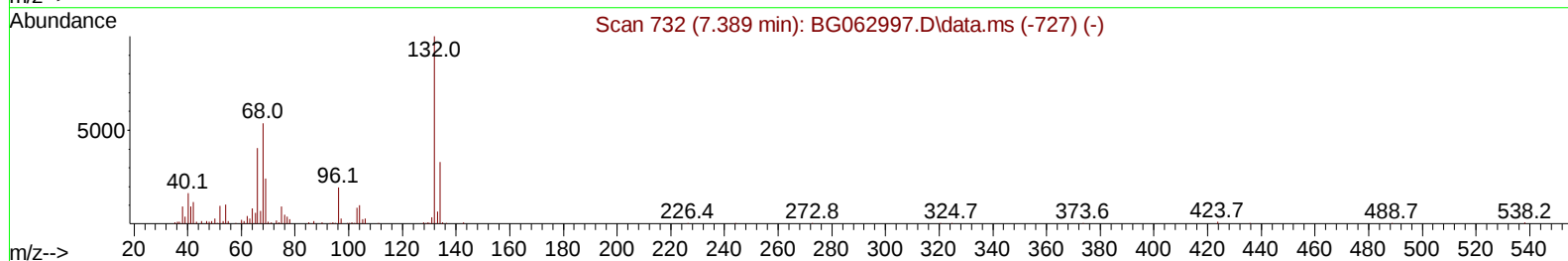
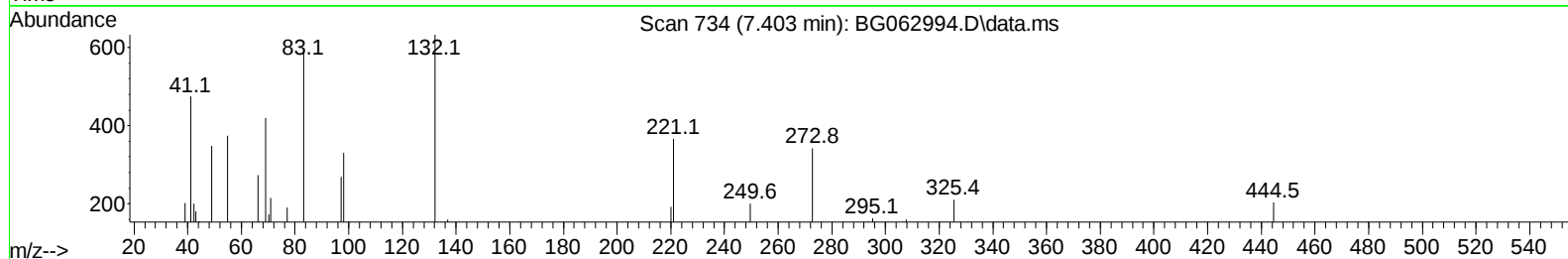
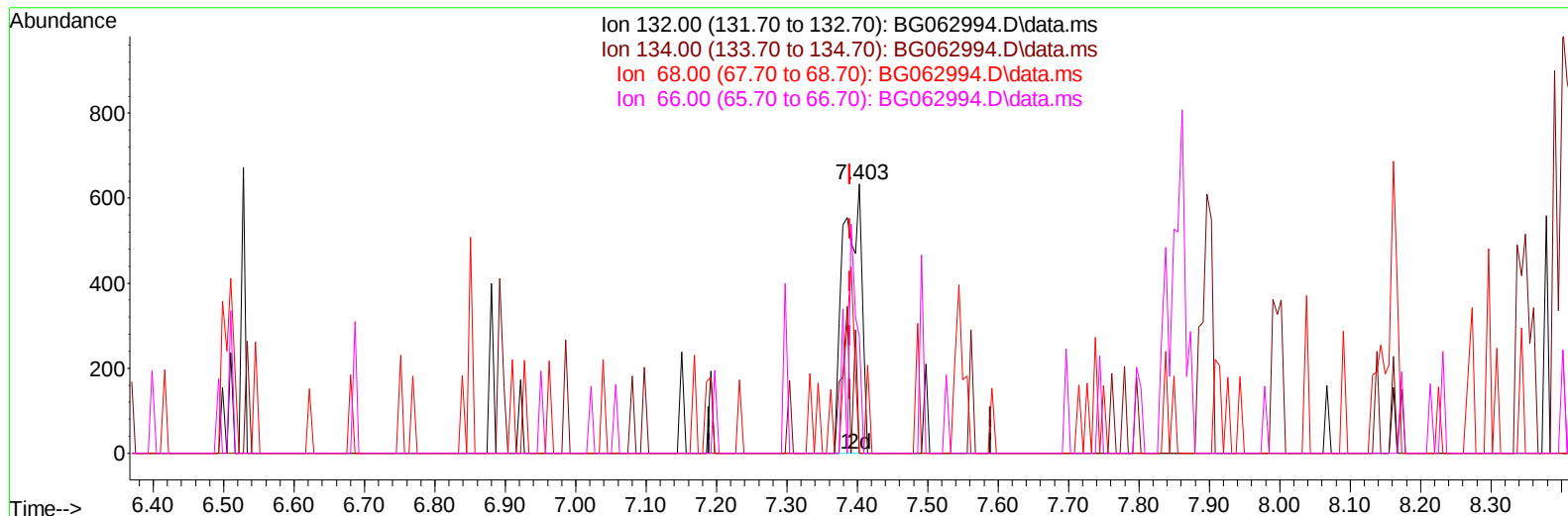
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
Data File : BG062994.D  
Acq On : 23 Sep 2024 15:53  
Operator : RC/JU  
Sample : P3899-16MEDL 20X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC52MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 23 16:32:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 18 00:45:18 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
Supervised By :mohammad ahmed 09/26/2024



TIC: BG062994.D\data.ms

(11) 2-Chlorophenol-d4 (S)

7.403min (+ 0.014) 0.79 ng/ul m

response 1147

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 132.00 | 100.00 | 100.00 |
| 134.00 | 32.40  | 0.00#  |
| 68.00  | 46.00  | 0.00#  |
| 66.00  | 39.40  | 43.29  |

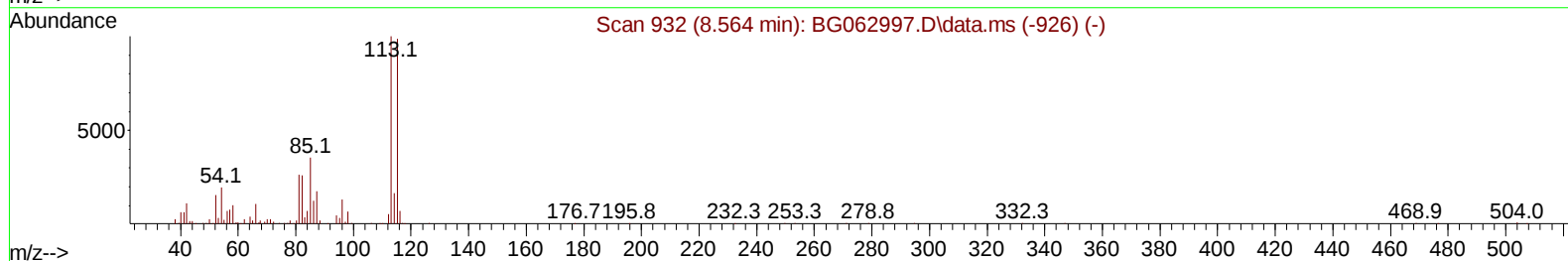
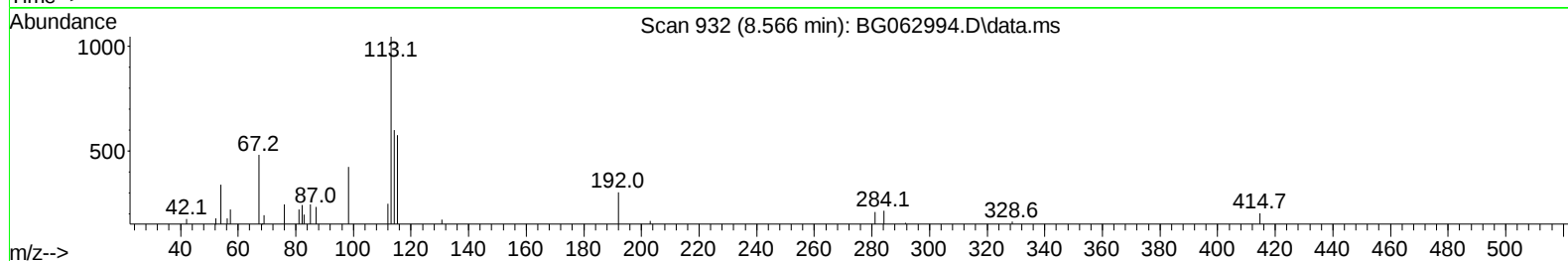
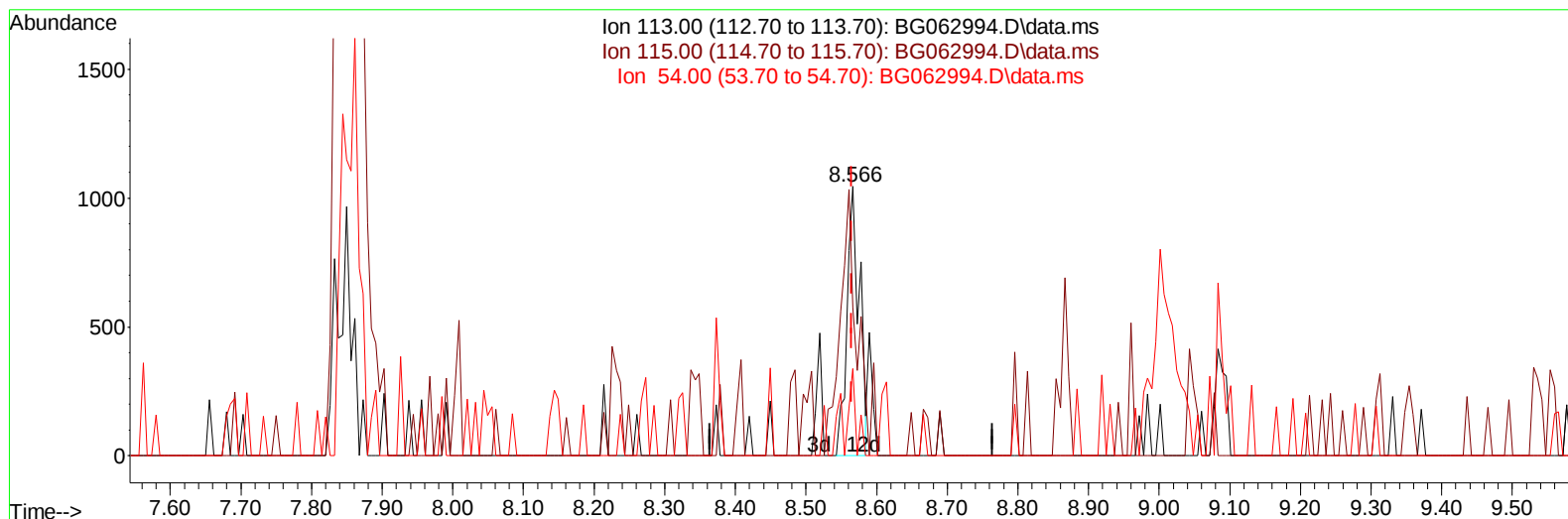
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
Data File : BG062994.D  
Acq On : 23 Sep 2024 15:53  
Operator : RC/JU  
Sample : P3899-16MEDL 20X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC52MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 23 16:32:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 18 00:45:18 2024  
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Reviewed By :Yogesh Patel 09/25/2024  
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TIC: BG062994.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.566min (+ 0.002) 0.80 ng/u1

response 1297

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 115.00 | 99.00  | 54.93# |
| 54.00  | 17.30  | 32.44# |
| 0.00   | 0.00   | 0.00   |

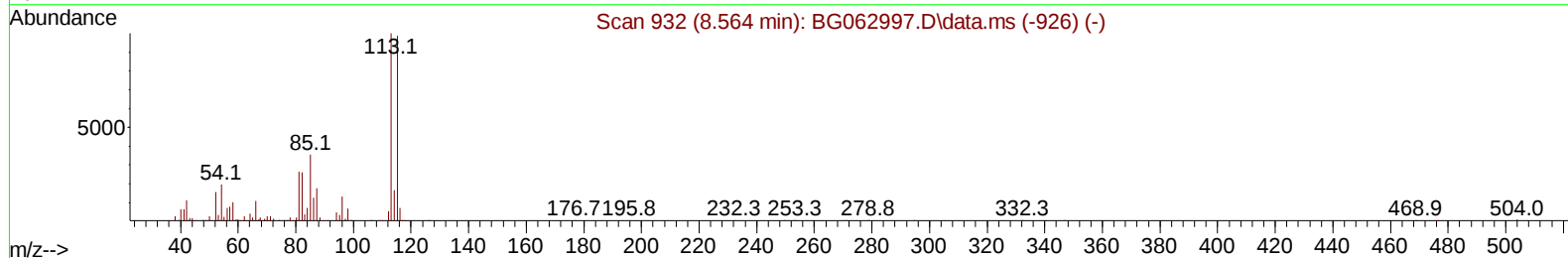
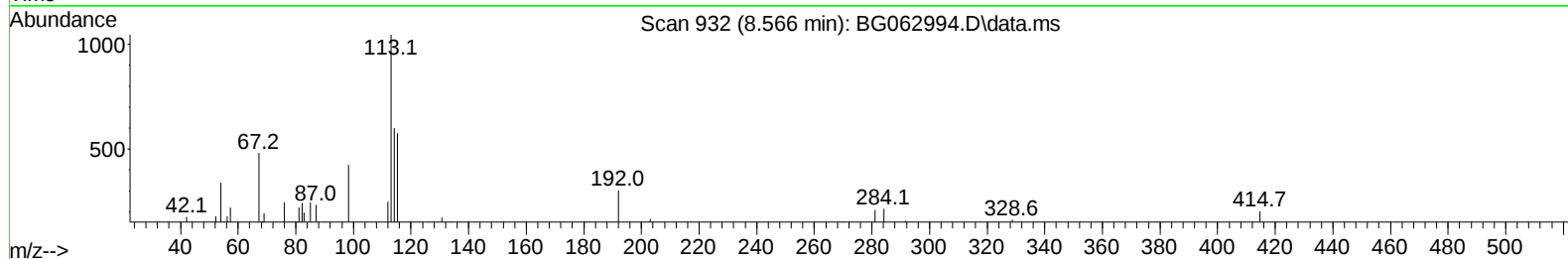
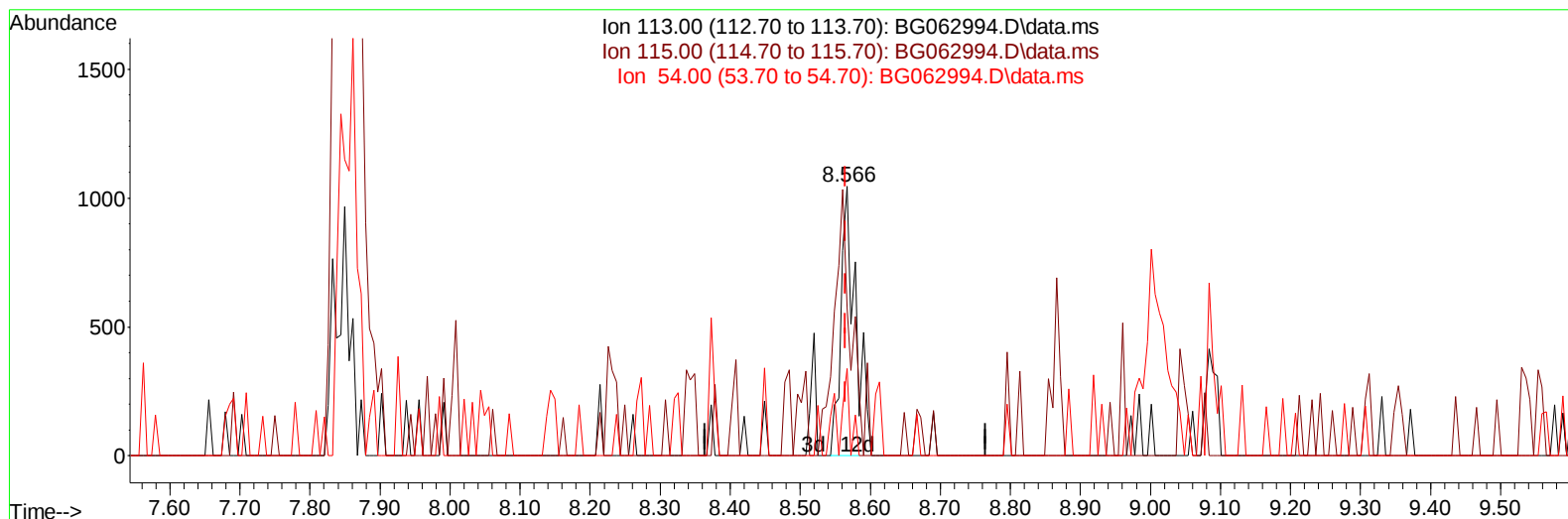
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
Data File : BG062994.D  
Acq On : 23 Sep 2024 15:53  
Operator : RC/JU  
Sample : P3899-16MEDL 20X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC52MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 23 16:32:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 18 00:45:18 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
Supervised By :mohammad ahmed 09/26/2024



TIC: BG062994.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.566min (+ 0.002) 0.95 ng/u1 m

response 1530

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 115.00 | 99.00  | 54.93# |
| 54.00  | 17.30  | 32.44# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
Data File : BG062994.D  
Acq On : 23 Sep 2024 15:53  
Operator : RC/JU  
Sample : P3899-16MEDL 20X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA\_G

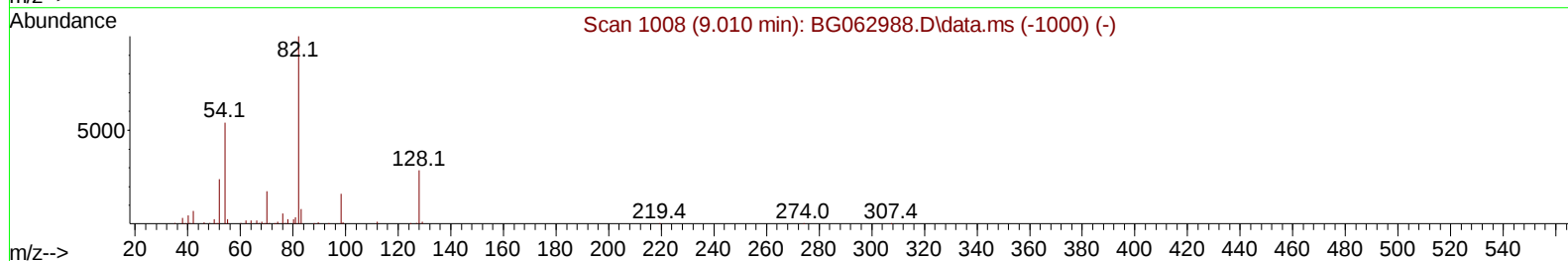
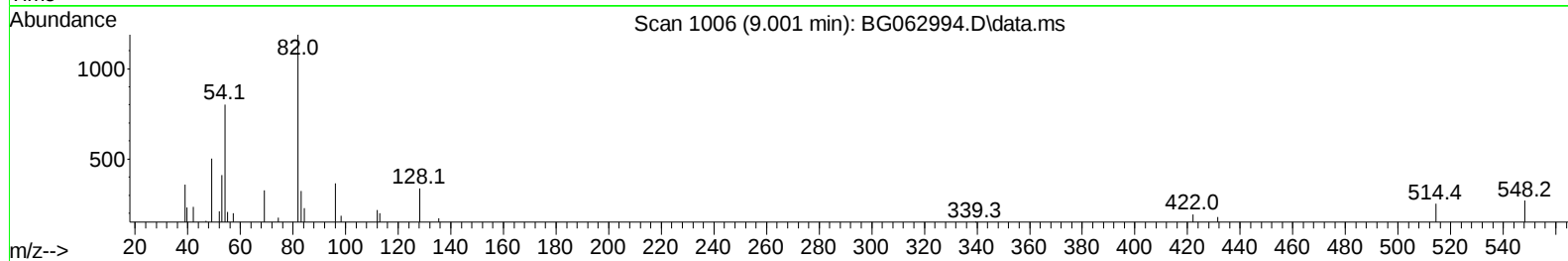
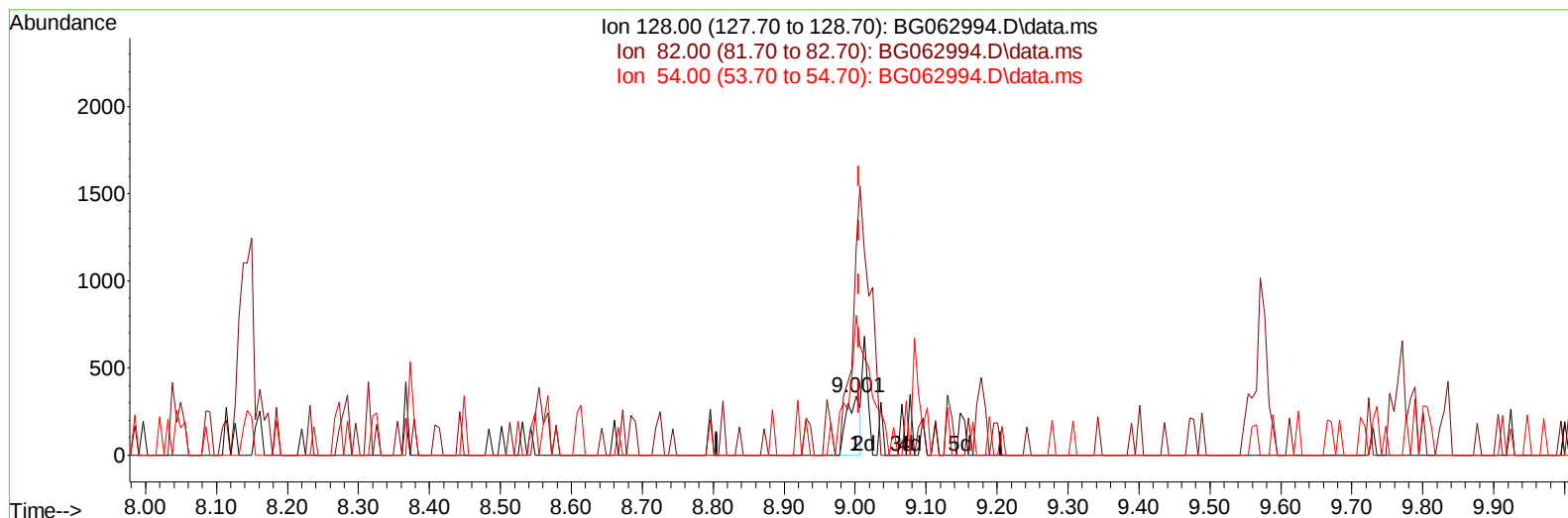
ClientSampleId :

DDC52MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 23 16:29:25 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 18 00:45:18 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
Supervised By :mohammad ahmed 09/26/2024



TIC: BG062994.D\data.ms

**(21) Nitrobenzene-d5 (S)**

9.001min (-0.004) 0.61 ng/u1

response 457

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100.00 | 100.00  |
| 82.00  | 265.60 | 352.52# |
| 54.00  | 113.30 | 238.28# |
| 0.00   | 0.00   | 0.00    |

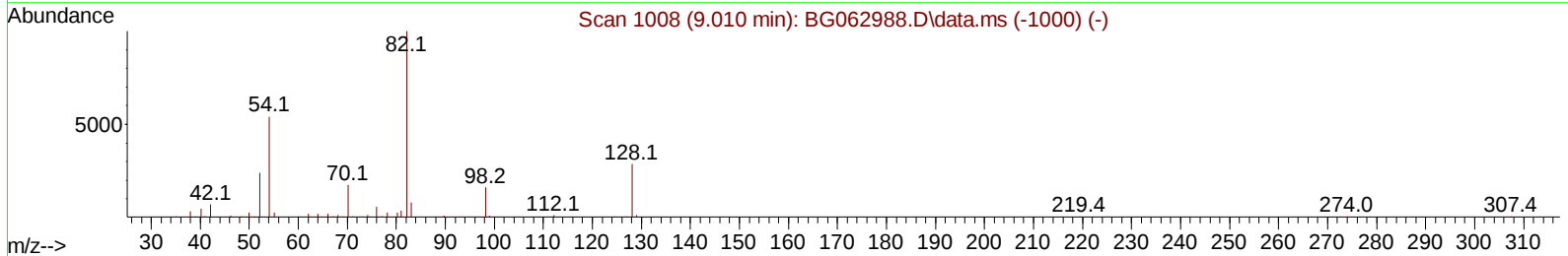
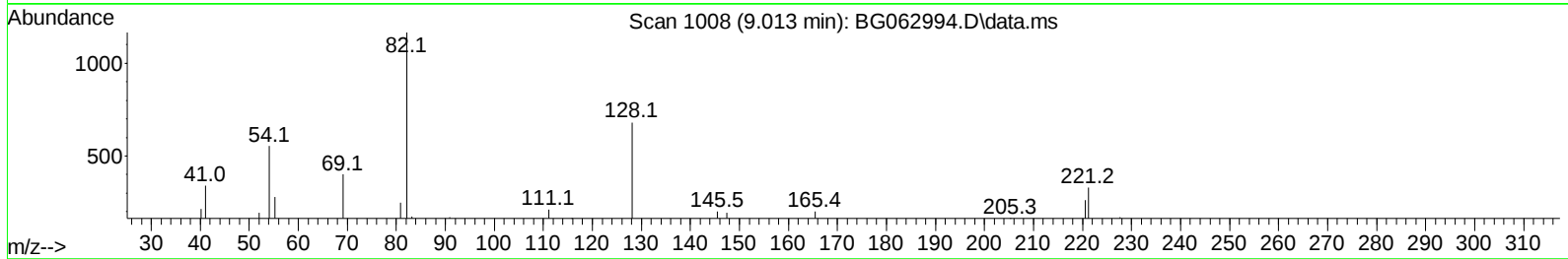
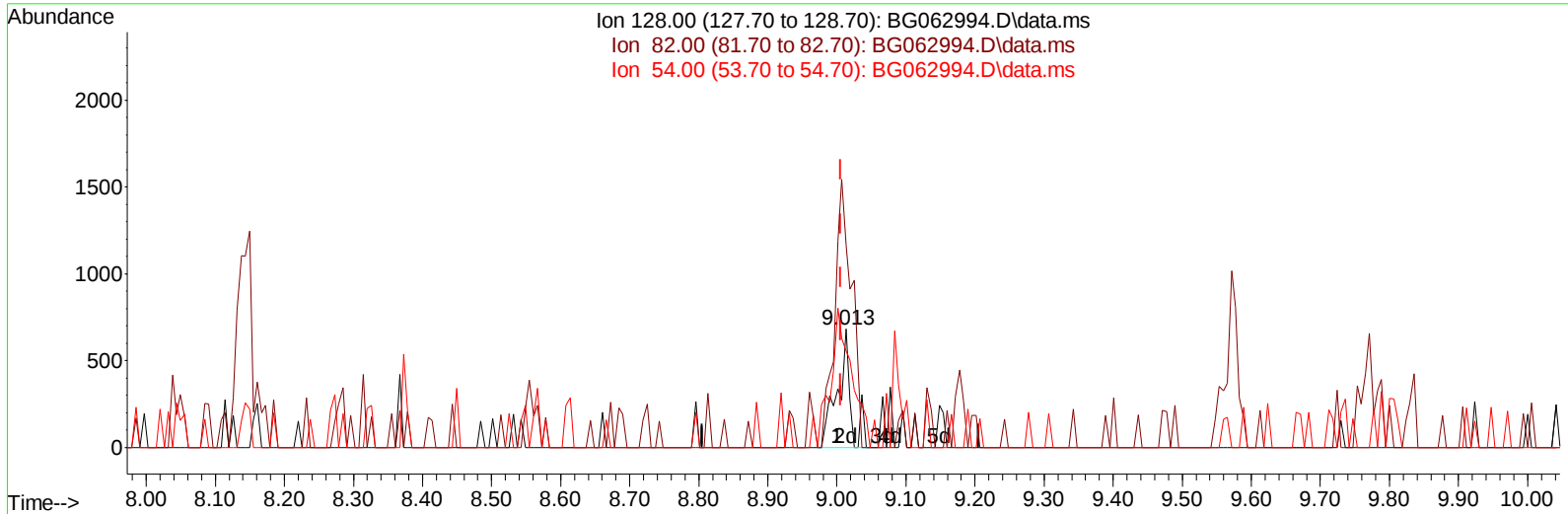
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG062994.D  
 Acq On : 23 Sep 2024 15:53  
 Operator : RC/JU  
 Sample : P3899-16MEDL 20X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC52MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 23 16:29:25 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024



TIC: BG062994.D\data.ms

(21) Nitrobenzene-d5 (S)

9.013min (+ 0.008) 1.21 ng/ul m

response 902

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 128.00 | 100.00 | 100.00  |
| 82.00  | 265.60 | 171.07# |
| 54.00  | 113.30 | 81.35#  |
| 0.00   | 0.00   | 0.00    |

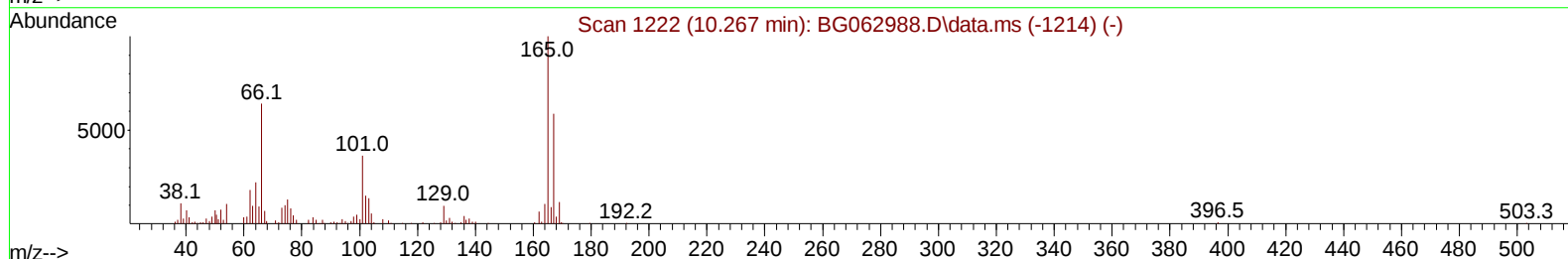
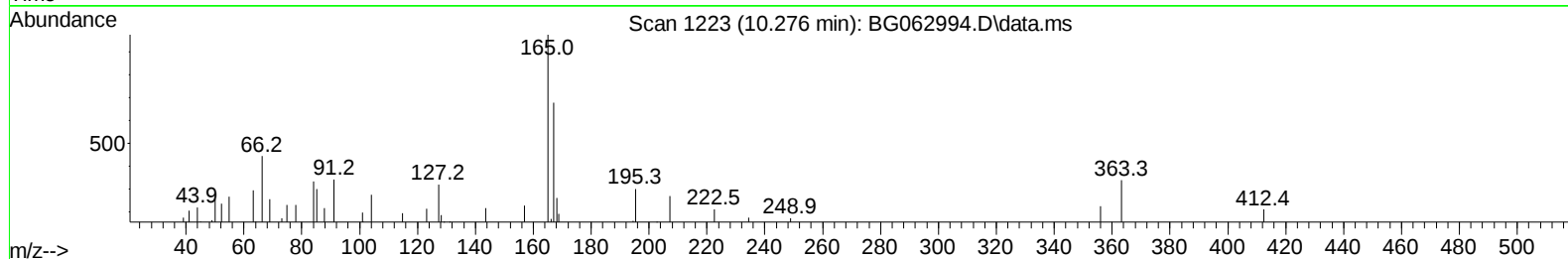
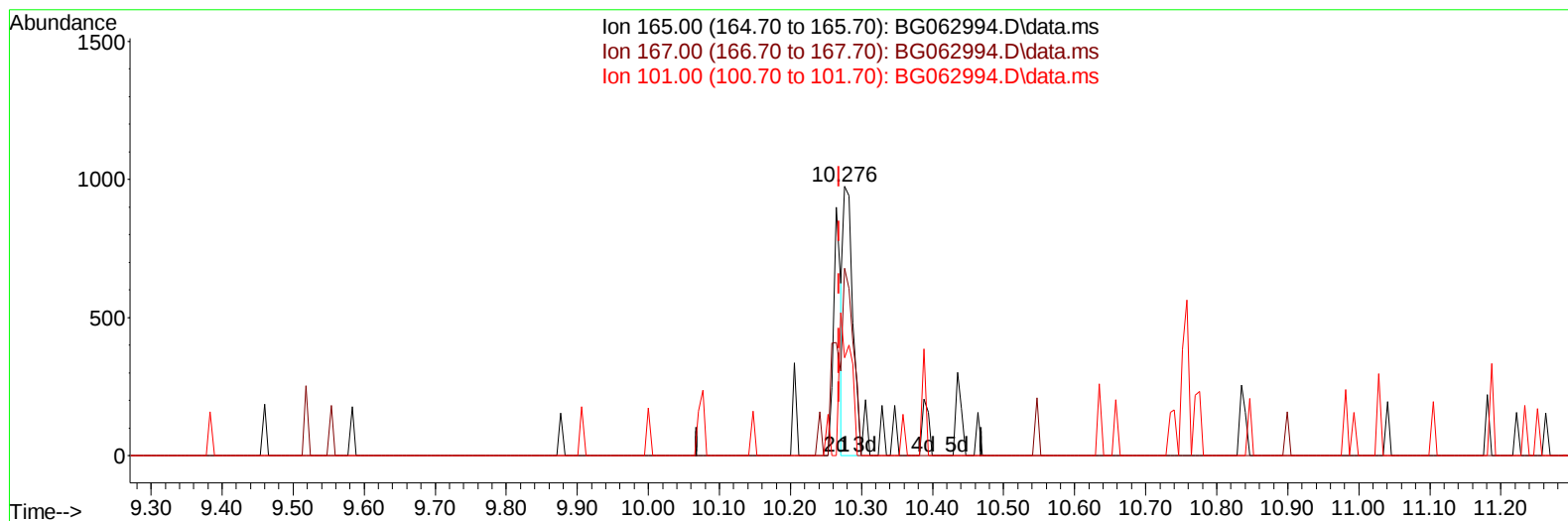
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
Data File : BG062994.D  
Acq On : 23 Sep 2024 15:53  
Operator : RC/JU  
Sample : P3899-16MEDL 20X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC52MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 23 16:29:25 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 18 00:45:18 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
Supervised By :mohammad ahmed 09/26/2024



TIC: BG062994.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.276min (+ 0.008) 0.53 ng/u1

response 929

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 63.10  | 69.54  |
| 101.00 | 31.20  | 36.51  |
| 0.00   | 0.00   | 0.00   |

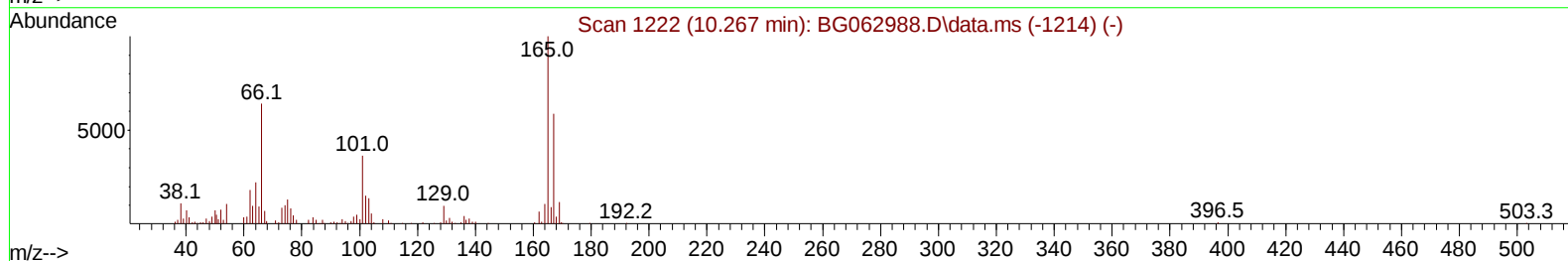
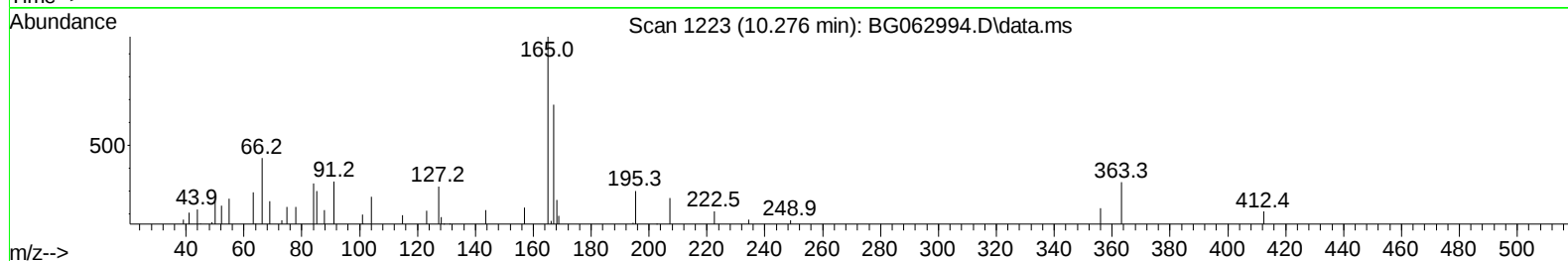
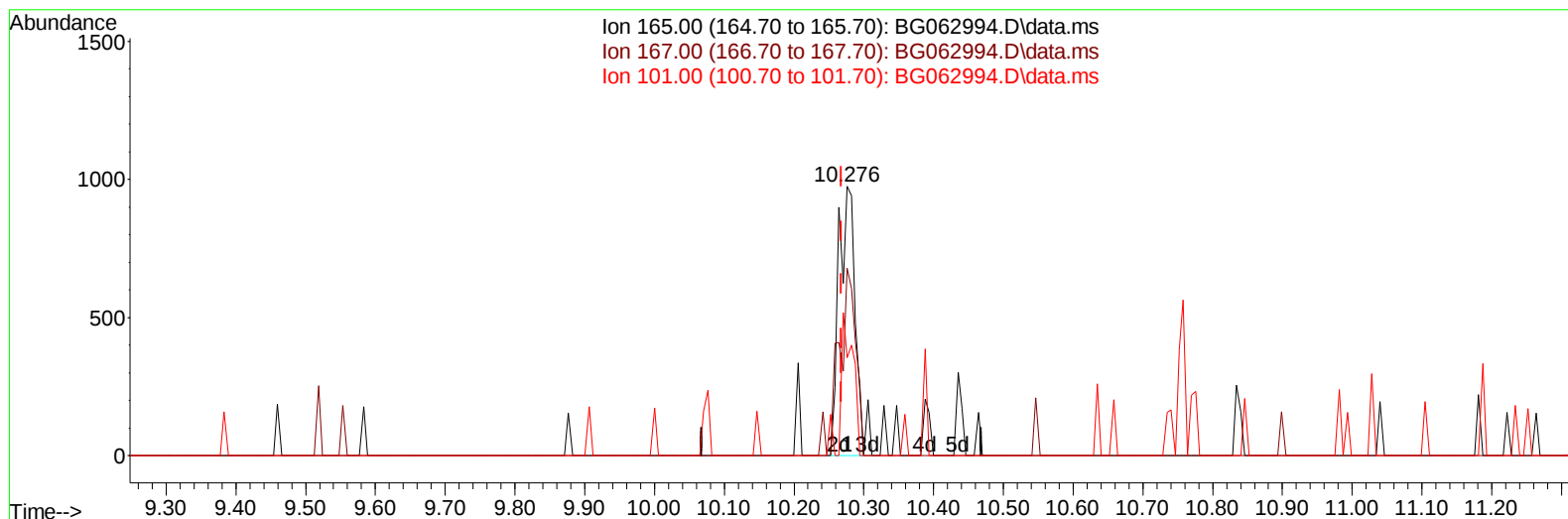
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
Data File : BG062994.D  
Acq On : 23 Sep 2024 15:53  
Operator : RC/JU  
Sample : P3899-16MEDL 20X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC52MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 23 16:29:25 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 18 00:45:18 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
Supervised By :mohammad ahmed 09/26/2024



TIC: BG062994.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.276min (+ 0.008) 0.93 ng/ul m

response 1626

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 63.10  | 69.54  |
| 101.00 | 31.20  | 20.21# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092324\  
 Data File : BG062994.D  
 Acq On : 23 Sep 2024 15:53  
 Operator : RC/JU  
 Sample : P3899-16MEDL 20X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC52MEDL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024  
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 24 00:45:15 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 18 00:45:18 2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.856  | 152  | 21210    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.646 | 136  | 93313    | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.489 | 164  | 85034    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.239 | 188  | 226820   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.487 | 240  | 263674   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 24.530 | 264  | 318767   | 20.000 | ng/ul  | 0.01     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0        | 0.000  | ng/uL  |          |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul  |          |
| 7) Phenol-d5                  | 7.027  | 99   | 2247     | 1.021  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.192  | 67   | 1440     | 1.169  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.403  | 132  | 1147m    | 0.794  | ng/ul  | 0.01     |
| 15) 4-Methylphenol-d8         | 8.566  | 113  | 1530m    | 0.949  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.013  | 128  | 902m     | 1.213  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul  |          |
| 28) 2,4-Dichlorophenol-d3     | 10.276 | 165  | 1626m    | 0.929  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.776 | 131  | 2370     | 1.088  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.896 | 166  | 7889     | 1.248  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.178 | 160  | 8289     | 1.174  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul  |          |
| 60) Fluorene-d10              | 15.476 | 176  | 6594     | 1.120  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/ul  |          |
| 73) Anthracene-d10            | 17.333 | 188  | 11457    | 1.069  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.636 | 212  | 18073    | 1.132  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.324 | 264  | 17670    | 1.051  | ng/ul  | 0.01     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 36) 2-Methylnaphthalene       | 12.303 | 142  | 4298     | 1.151  | ng/ul# | 72       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.112 | 232  | 11520    | 6.489  | ng/ul# | 96       |
| 71) Pentachlorophenol         | 16.892 | 266  | 135568   | 81.657 | ng/ul  | 89       |
| -----                         |        |      |          |        |        |          |

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

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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DDC52MEDL

Manual IntegrationsAPPROVED

Quant Time: Sep 24 00:45:15 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091724.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 18 00:45:18 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2024  
Supervised By :mohammad ahmed 09/26/2024

