

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\  
 Data File : BG044442.D  
 Acq On : 14 Feb 2020 17:20  
 Operator : CG/JU  
 Sample : L1523-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-3

Quant Time: Feb 15 06:18:36 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 10 16:11:50 2020  
 Response via : Initial Calibration

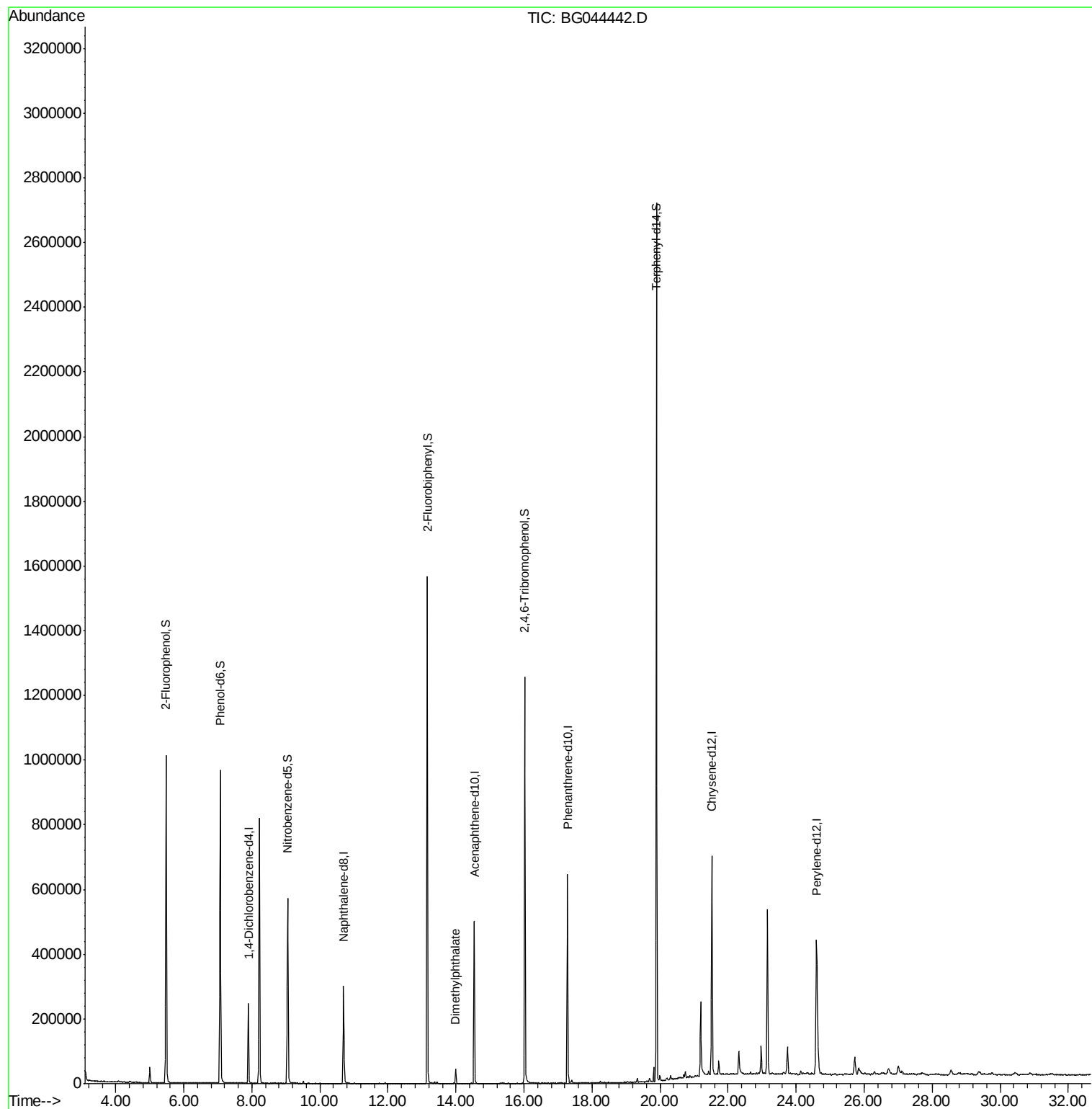
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.90  | 152  | 74049    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.69 | 136  | 294687   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.53 | 164  | 191931   | 20.00  | ng    | -0.01        |
| 64) Phenanthrene-d10        | 17.28 | 188  | 429652   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.52 | 240  | 410885   | 20.00  | ng    | -0.01        |
| 87) Perylene-d12            | 24.60 | 264  | 420799   | 20.00  | ng    | -0.02        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.48  | 112  | 499867   | 119.14 | ng    | 0.00         |
| 7) Phenol-d6                | 7.07  | 99   | 644463   | 114.38 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 9.05  | 82   | 391747   | 75.05  | ng    | -0.01        |
| 42) 2,4,6-Tribromophenol    | 16.02 | 330  | 248525   | 110.30 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 13.16 | 172  | 856436   | 74.72  | ng    | 0.00         |
| 79) Terphenyl-d14           | 19.90 | 244  | 1297153  | 64.93  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 13.99 | 163  | 41735    | 3.025  | ng    | Qvalue<br>97 |

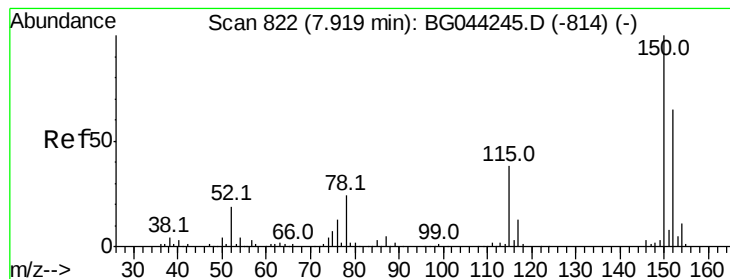
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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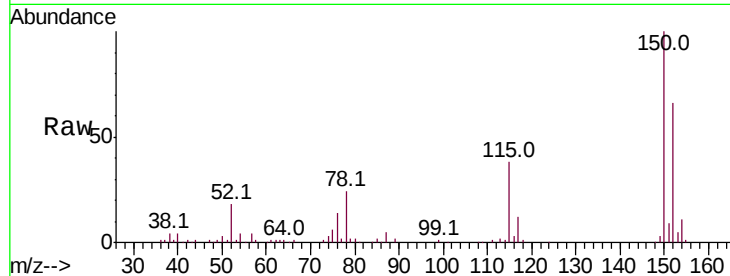


#1

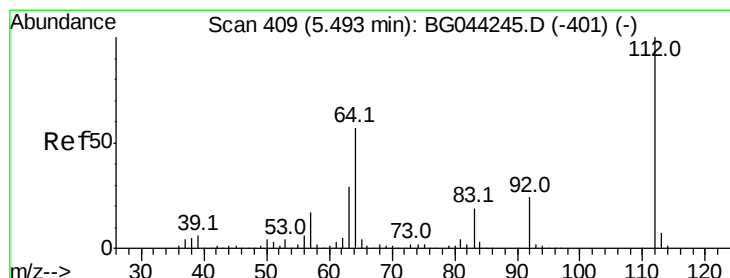
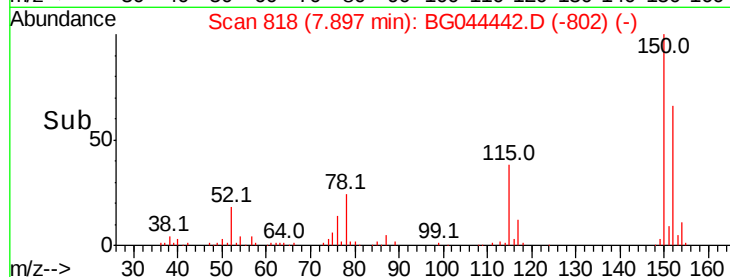
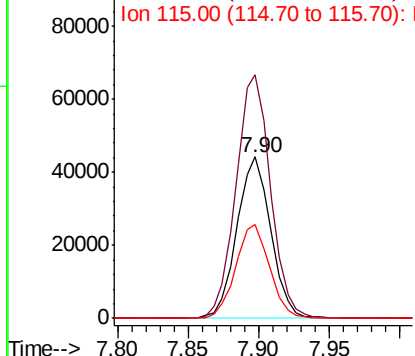
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.90 min Scan# 818  
 Delta R.T. -0.01 min  
 Lab File: BG044442.D  
 Acq: 14 Feb 2020 17:20

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 ClientSampleId :  
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Tot Ion:152 Resp: 74049  
 Ion Ratio Lower Upper  
 152 100  
 150 151.1 122.6 183.8  
 115 58.1 46.0 69.0



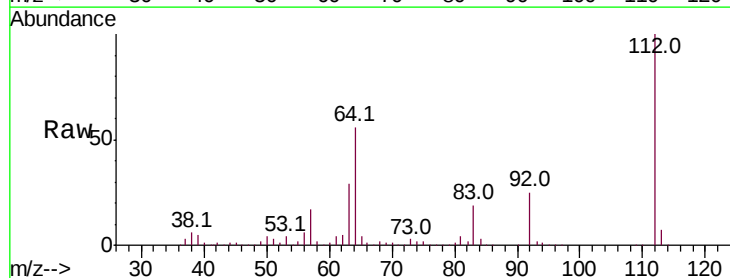
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



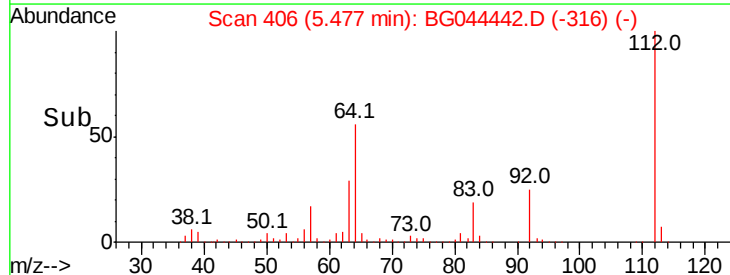
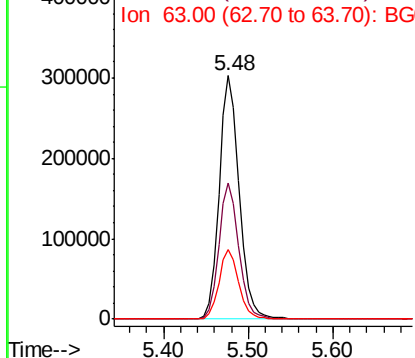
#5

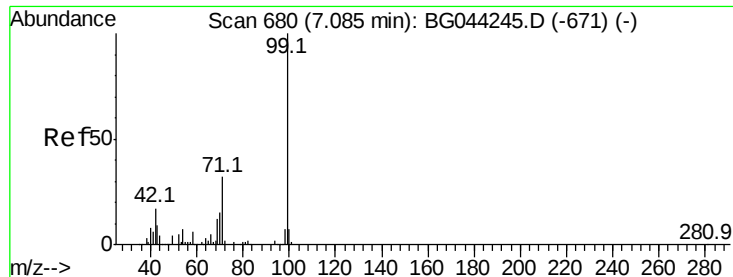
2-Fluorophenol  
 Concen: 119.136 ng  
 RT: 5.48 min Scan# 406  
 Delta R.T. -0.00 min  
 Lab File: BG044442.D  
 Acq: 14 Feb 2020 17:20

Tgt Ion:112 Resp: 499867  
 Ion Ratio Lower Upper  
 112 100  
 64 56.1 45.4 68.2  
 63 28.6 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E  
 Ion 64.00 (63.70 to 64.70): BG  
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 114.382 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044442.D

Acq: 14 Feb 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

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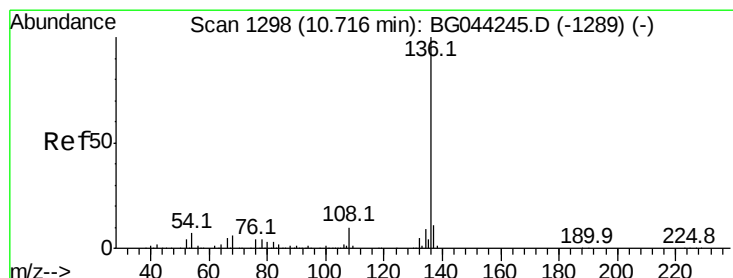
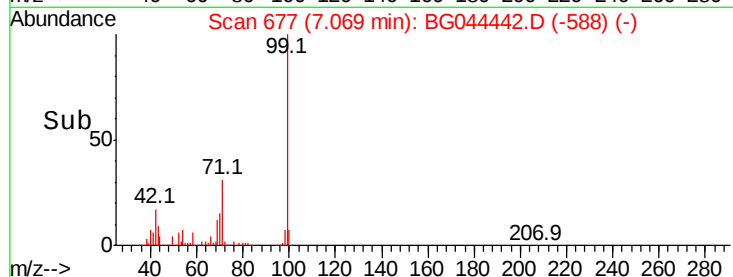
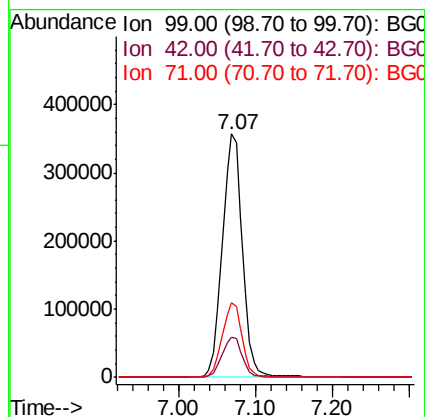
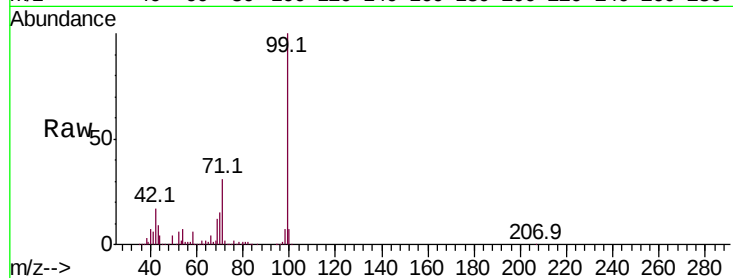
Tot Ion: 99 Resp: 644463

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.6

71 30.8 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044442.D

Acq: 14 Feb 2020 17:20

Tgt Ion: 136 Resp: 294687

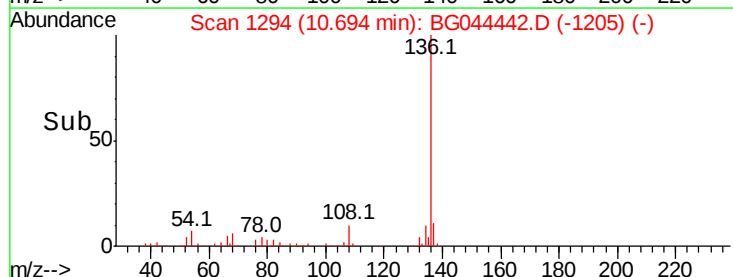
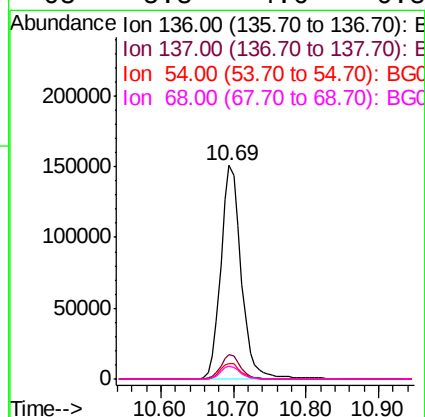
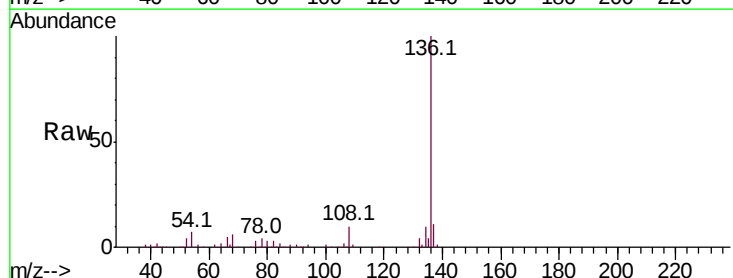
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 7.4 5.8 8.8

68 5.8 4.6 6.8

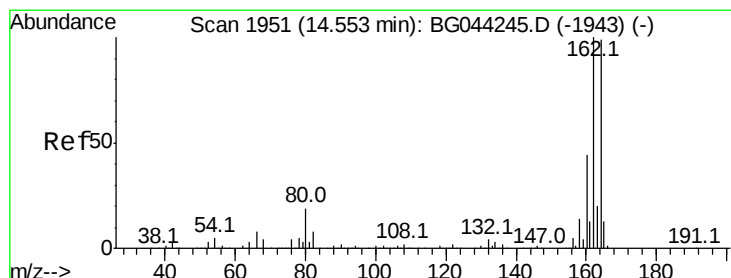
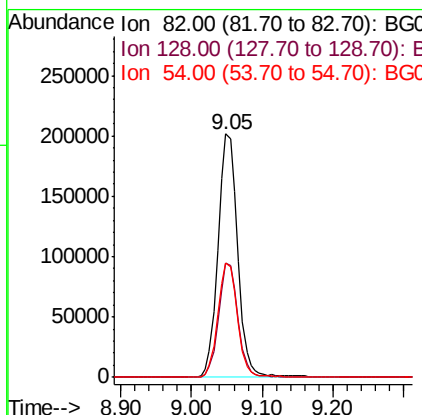
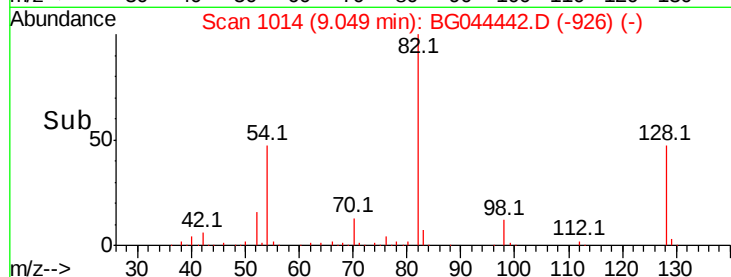
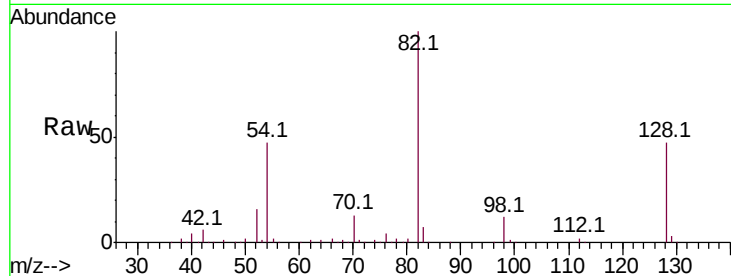




#23  
Nitrobenzene-d5  
Concen: 75.051 ng  
RT: 9.05 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: BG044442.D  
Acq: 14 Feb 2020 17:20

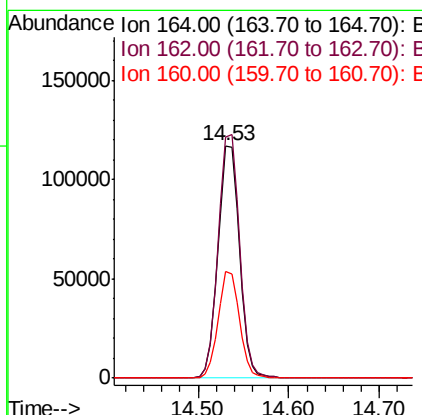
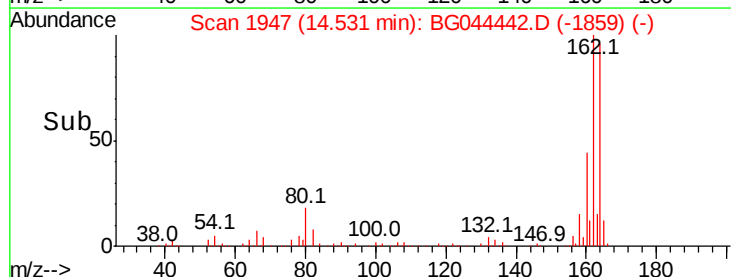
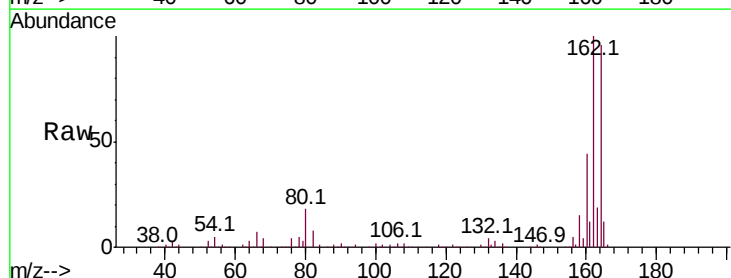
Instrument :  
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ClientSampleId :  
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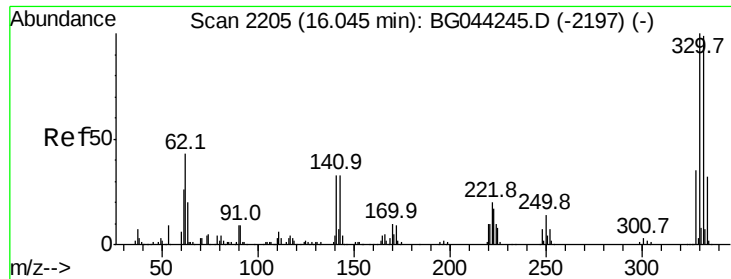
| Tot Ion   | 82    | Resp  | 391747 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 46.8  | 36.5  | 54.7   |
| 54        | 46.9  | 38.6  | 58.0   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.53 min Scan# 1947  
Delta R.T. -0.01 min  
Lab File: BG044442.D  
Acq: 14 Feb 2020 17:20

| Tgt Ion   | 164   | Resp  | 191931 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 104.1 | 80.7  | 121.1  |
| 160       | 46.1  | 35.3  | 52.9   |





#42

2,4,6-Tribromophenol

Concen: 110.301 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044442.D

Acq: 14 Feb 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

COMP-3

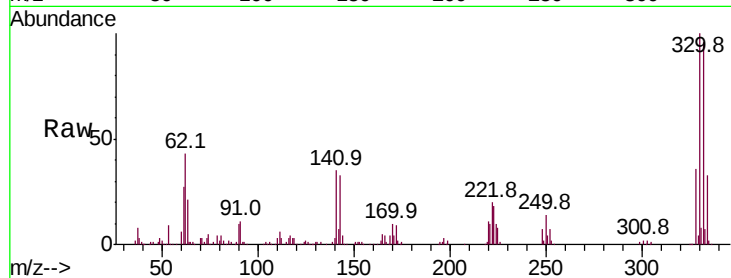
Tot Ion:330 Resp: 248525

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

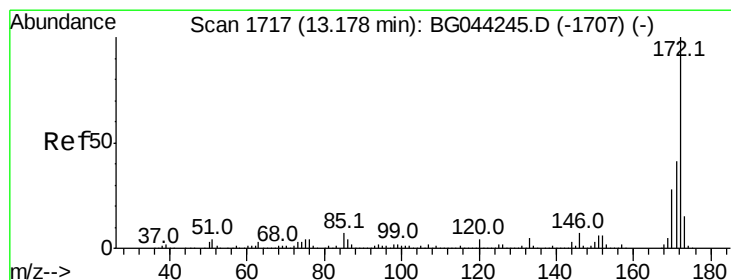
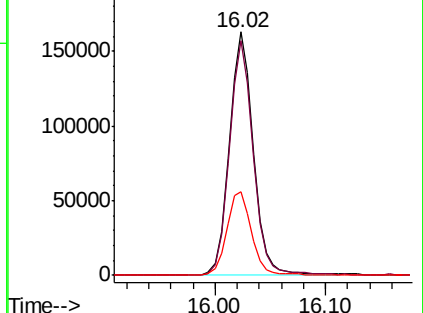
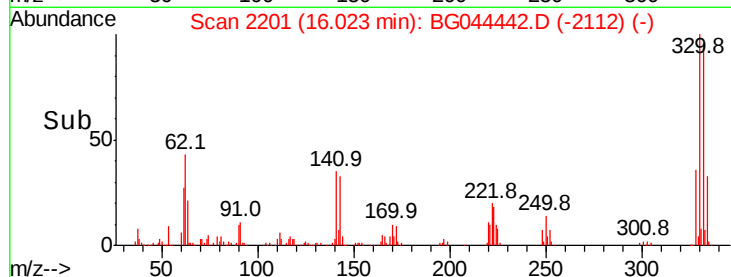
141 35.5 28.3 42.5



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: 74.722 ng

RT: 13.16 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG044442.D

Acq: 14 Feb 2020 17:20

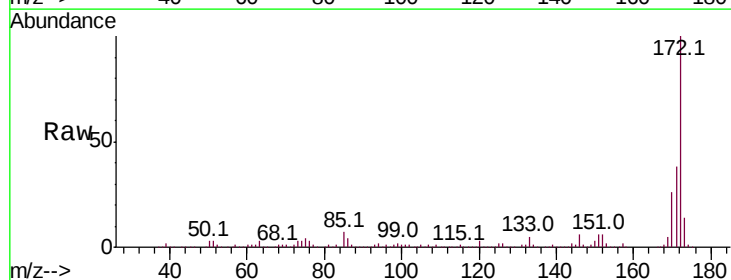
Tgt Ion:172 Resp: 856436

Ion Ratio Lower Upper

172 100

171 38.4 32.9 49.3

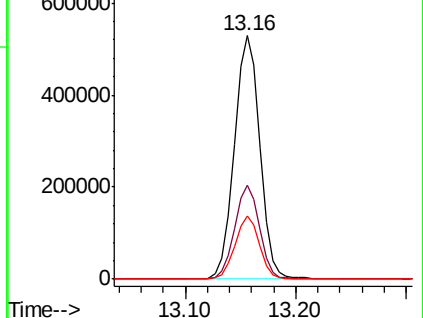
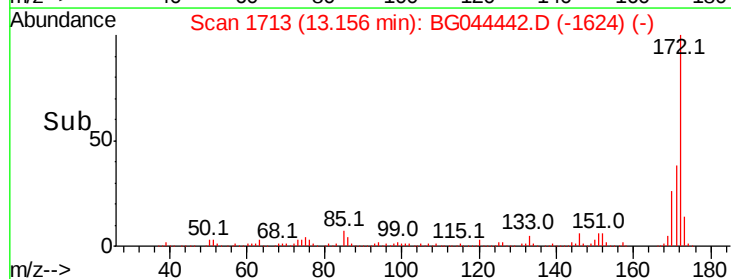
170 25.7 22.0 33.0

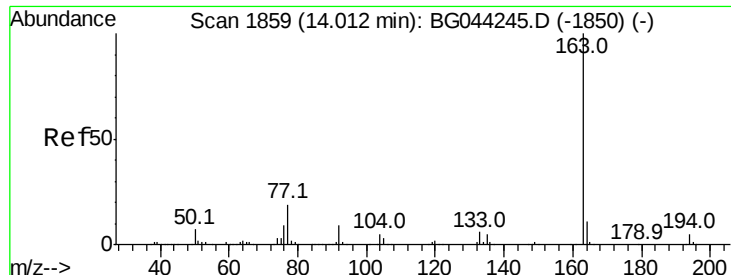


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.025 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044442.D

Acq: 14 Feb 2020 17:20

Instrument :

BNA\_G

ClientSampleId :

COMP-3

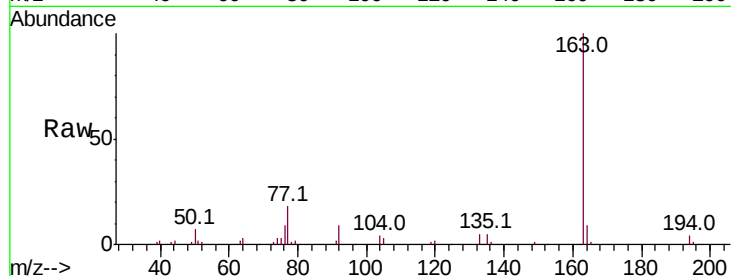
Tot Ion:163 Resp: 41735

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

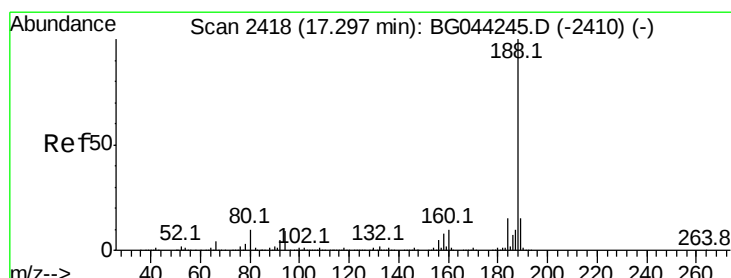
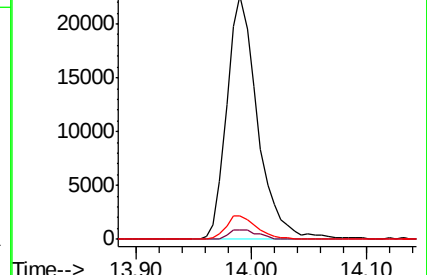
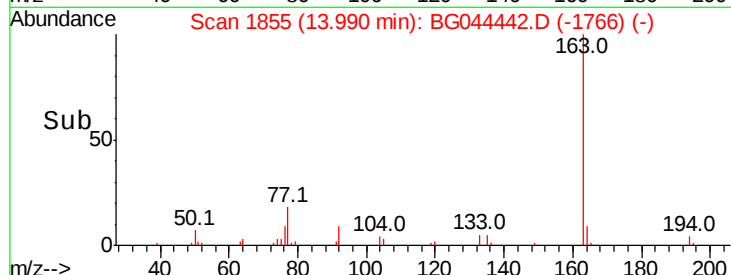
164 9.4 8.7 13.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044442.D

Acq: 14 Feb 2020 17:20

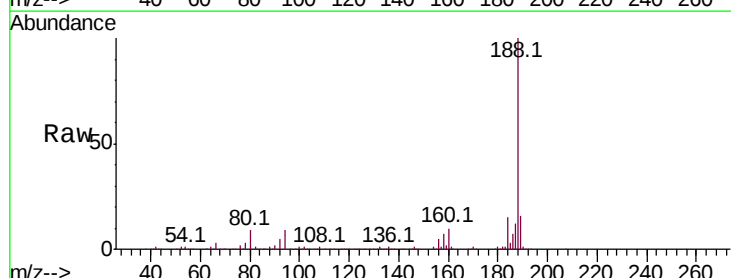
Tgt Ion:188 Resp: 429652

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

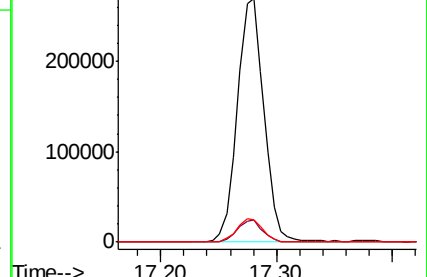
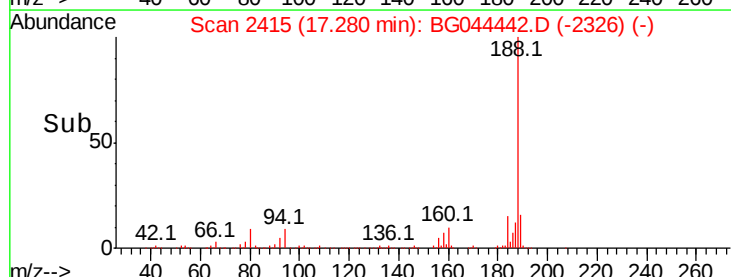
80 9.0 7.7 11.5

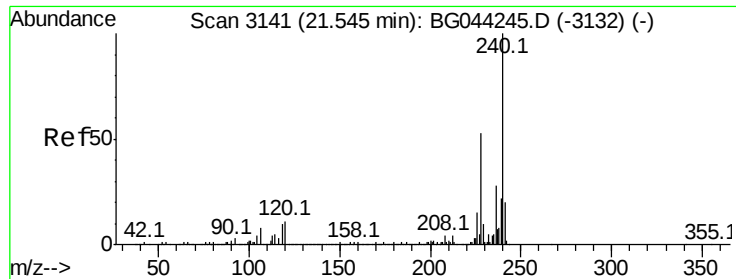


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

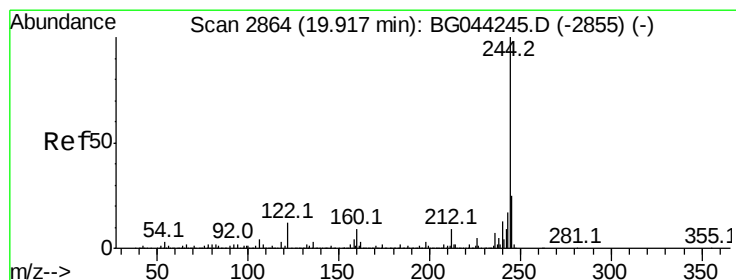
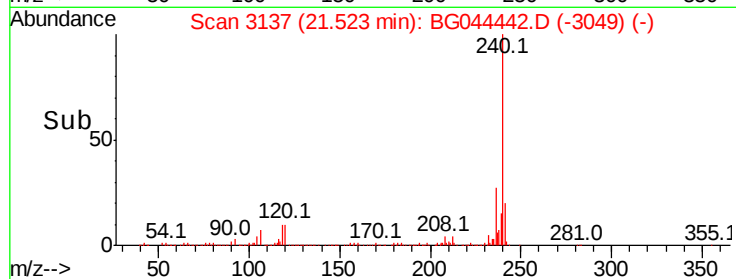
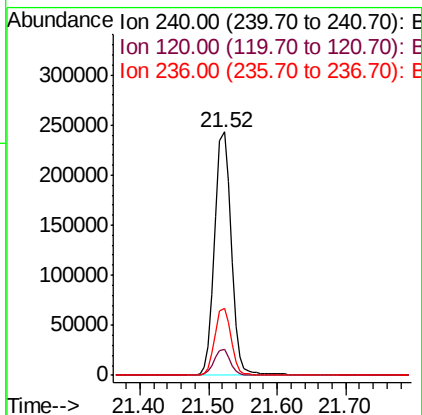
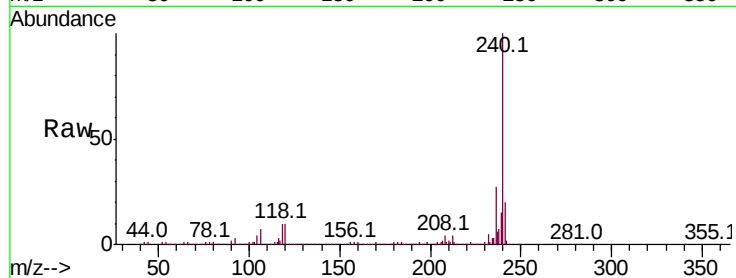




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.52 min Scan# 3137  
 Delta R.T. -0.01 min  
 Lab File: BG044442.D  
 Acq: 14 Feb 2020 17:20

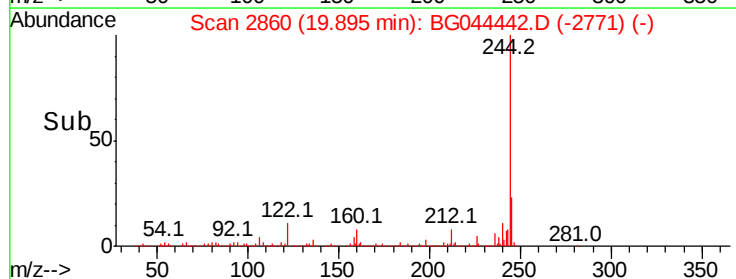
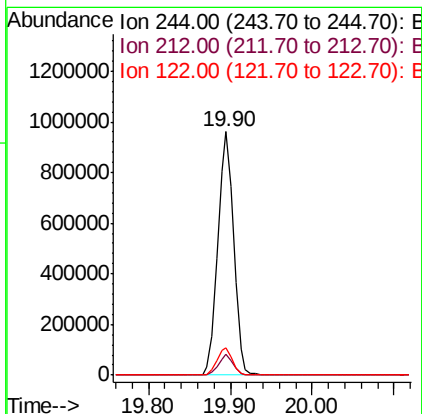
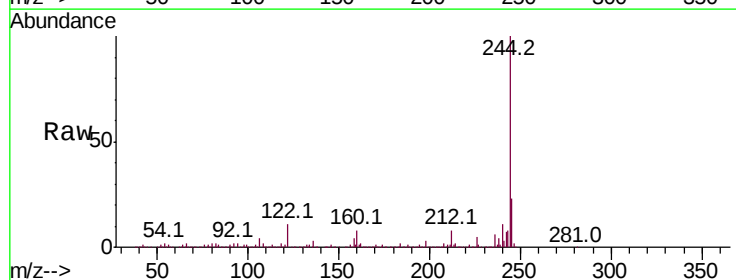
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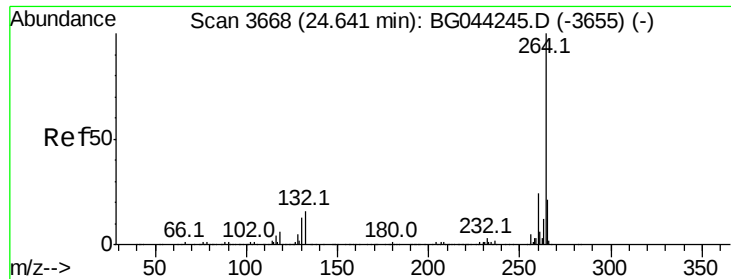
Tot Ion:240 Resp: 410885  
 Ion Ratio Lower Upper  
 240 100  
 120 10.4 8.4 12.6  
 236 27.4 22.1 33.1



#79  
 Terphenyl-d14  
 Concen: 64.935 ng  
 RT: 19.90 min Scan# 2860  
 Delta R.T. -0.01 min  
 Lab File: BG044442.D  
 Acq: 14 Feb 2020 17:20

Tgt Ion:244 Resp: 1297153  
 Ion Ratio Lower Upper  
 244 100  
 212 8.4 7.4 11.2  
 122 11.2 9.8 14.6

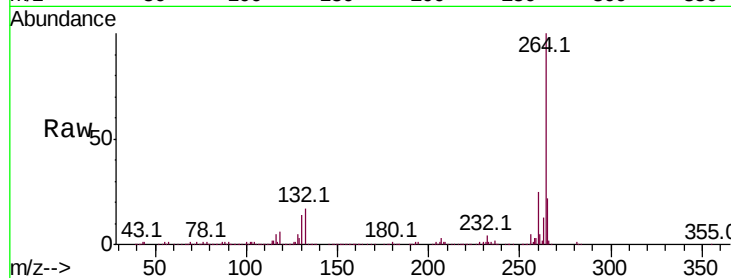




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.60 min Scan# 3661  
Delta R.T. -0.02 min  
Lab File: BG044442.D  
Acq: 14 Feb 2020 17:20

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BNA\_G  
ClientSampleId :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.0  | 19.4  | 29.2  |
| 265     | 21.8  | 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

