

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\  
 Data File : BF120995.D  
 Acq On : 23 Jul 2020 22:27  
 Operator : JU/CG  
 Sample : L3380-02  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-221

Quant Time: Jul 24 01:49:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 16 14:20:32 2020  
 Response via : Initial Calibration

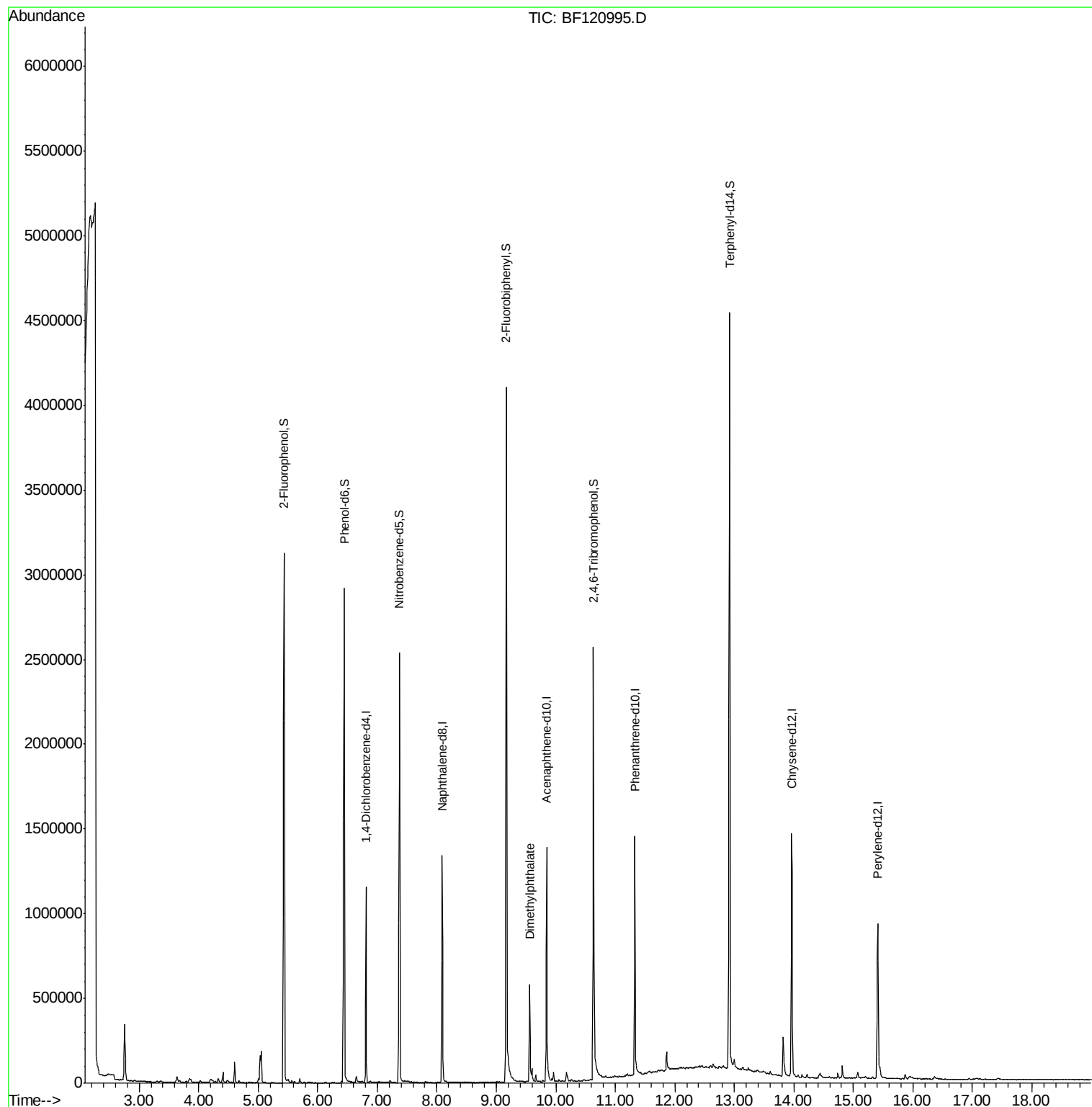
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.81  | 152  | 155152   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.09  | 136  | 576787   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.85  | 164  | 314834   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.33 | 188  | 599891   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 13.96 | 240  | 522082   | 20.00  | ng    | -0.01        |
| 86) Perylene-d12            | 15.41 | 264  | 470894   | 20.00  | ng    | -0.01        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.43  | 112  | 1065658  | 112.60 | ng    | 0.01         |
| 7) Phenol-d6                | 6.45  | 99   | 1151705  | 94.21  | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 890973   | 89.38  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.64 | 330  | 466663   | 135.41 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 1704249  | 80.82  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.92 | 244  | 1770012  | 73.70  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.56  | 163  | 264747   | 11.656 | ng    | Qvalue<br>99 |

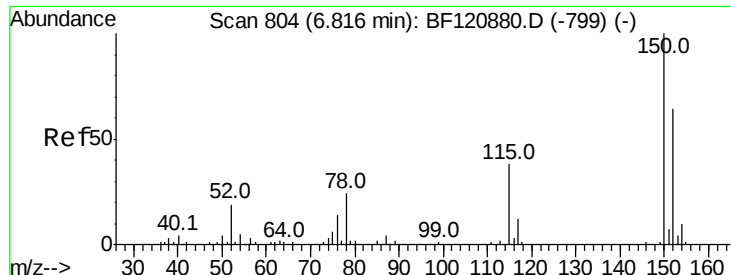
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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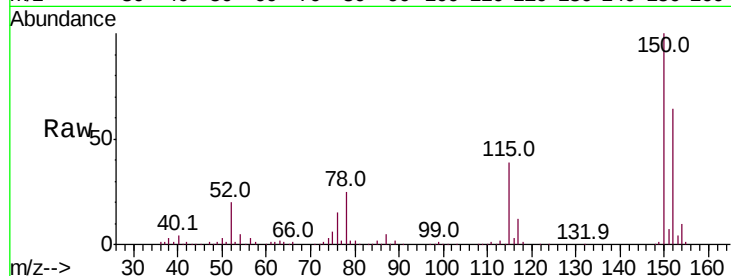


#1

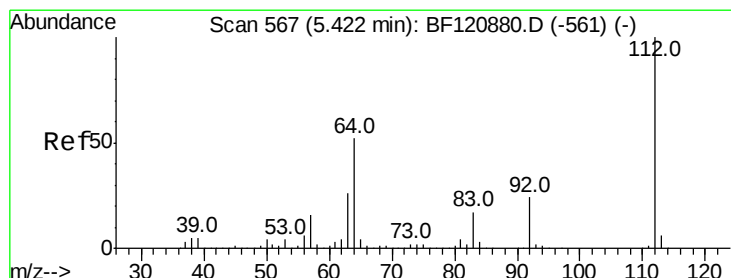
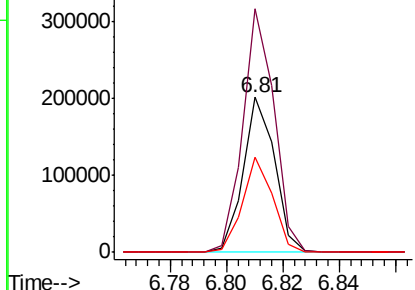
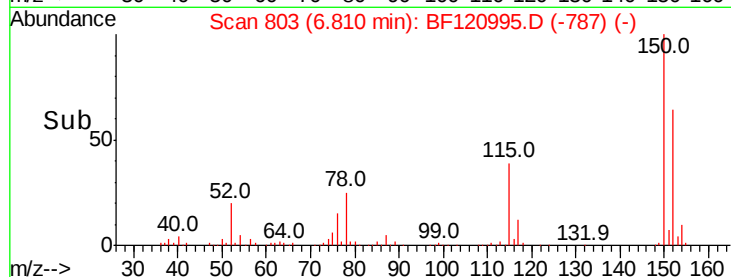
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.81 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BF120995.D  
Acq: 23 Jul 2020 22:27

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-221

Tot Ion:152 Resp: 155152  
Ion Ratio Lower Upper  
152 100  
150 157.0 125.0 187.6  
115 61.2 47.0 70.4



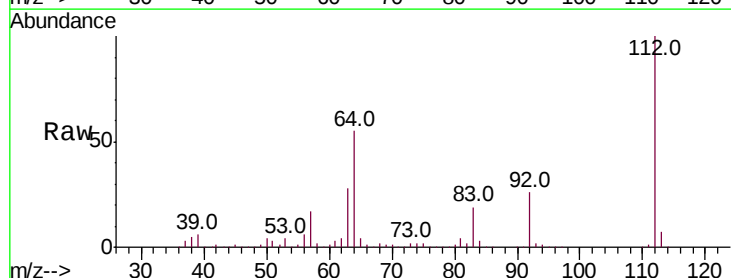
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



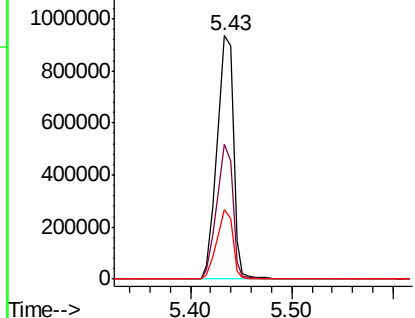
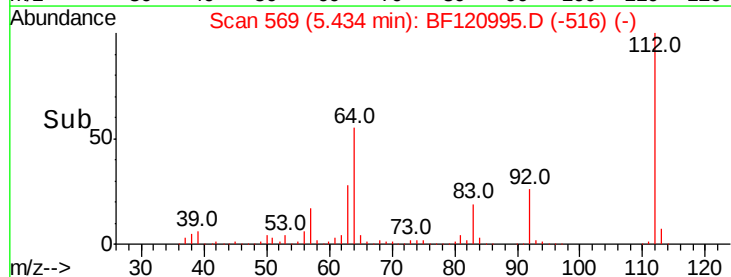
#5

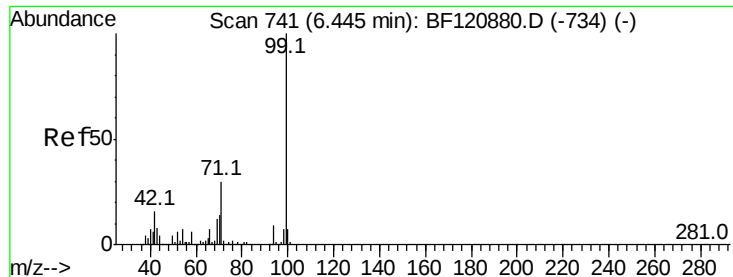
2-Fluorophenol  
Concen: 112.599 ng  
RT: 5.43 min Scan# 569  
Delta R.T. 0.01 min  
Lab File: BF120995.D  
Acq: 23 Jul 2020 22:27

Tgt Ion:112 Resp: 1065658  
Ion Ratio Lower Upper  
112 100  
64 55.4 41.3 61.9  
63 28.4 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.206 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120995.D

Acq: 23 Jul 2020 22:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-221

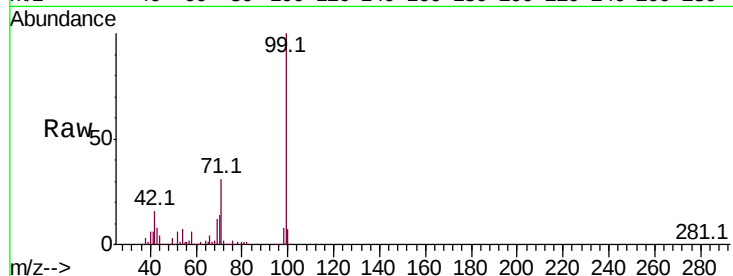
Tot Ion: 99 Resp: 1151705

Ion Ratio Lower Upper

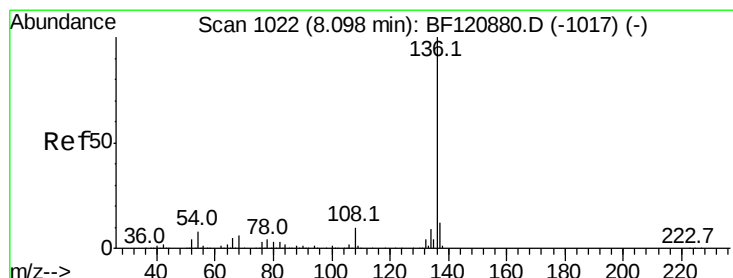
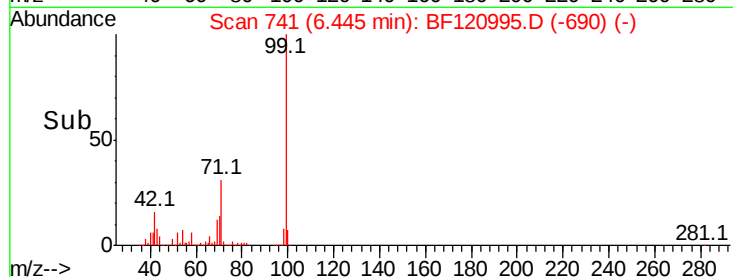
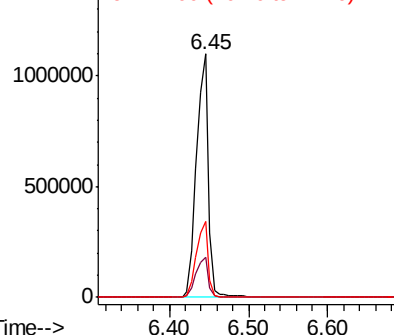
99 100

42 16.3 13.1 19.7

71 31.1 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1  
1500000  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120995.D

Acq: 23 Jul 2020 22:27

Tgt Ion: 136 Resp: 576787

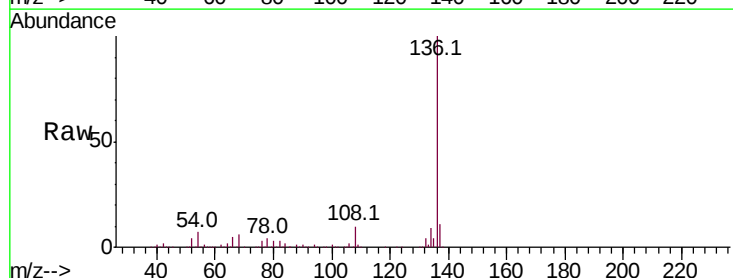
Ion Ratio Lower Upper

136 100

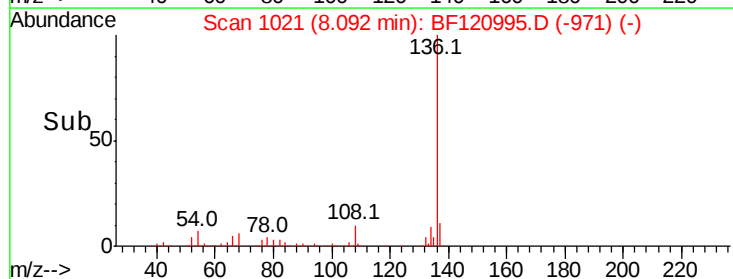
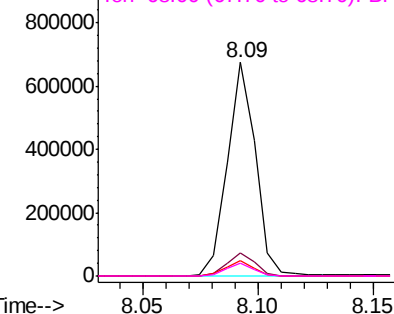
137 11.1 9.3 13.9

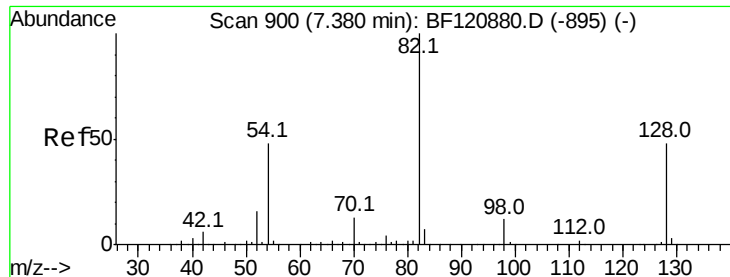
54 7.4 6.3 9.5

68 6.2 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E  
1000000  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

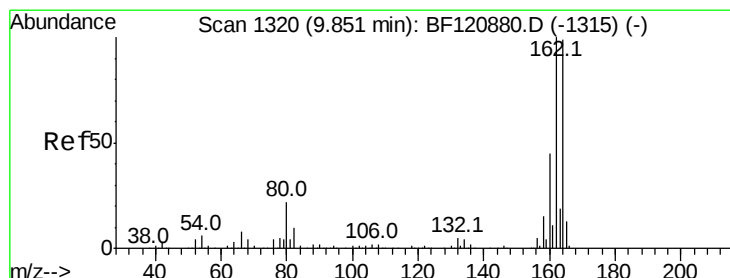
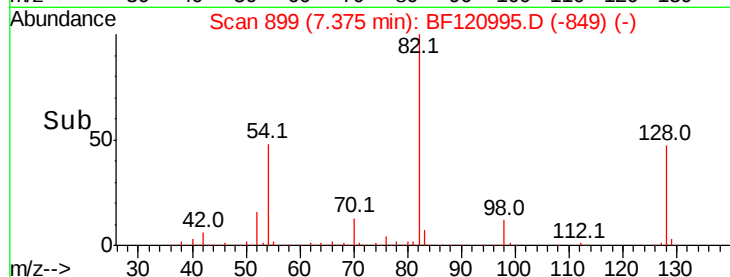
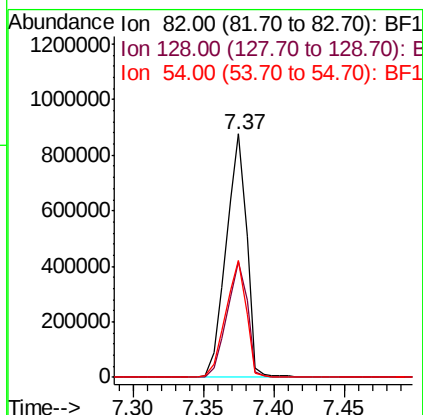
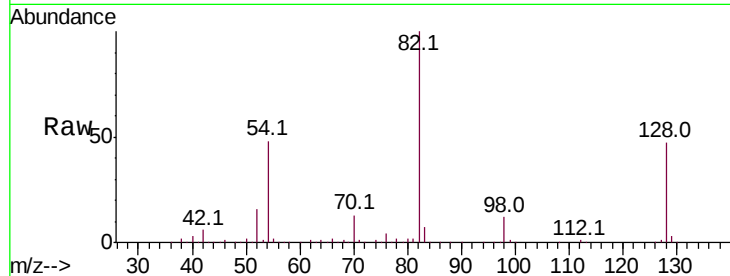




#23  
 Nitrobenzene-d5  
 Concen: 89.382 ng  
 RT: 7.37 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: BF120995.D  
 Acq: 23 Jul 2020 22:27

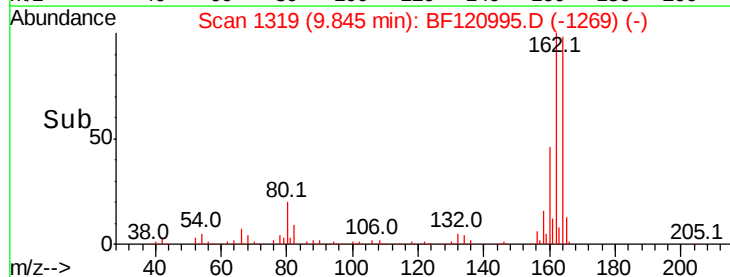
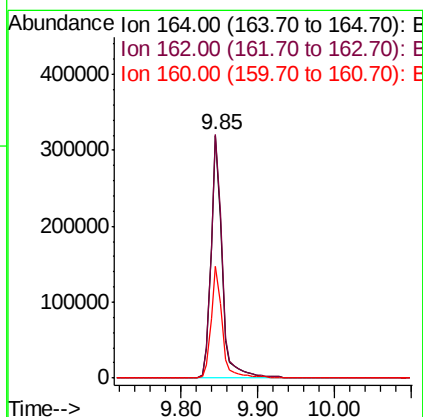
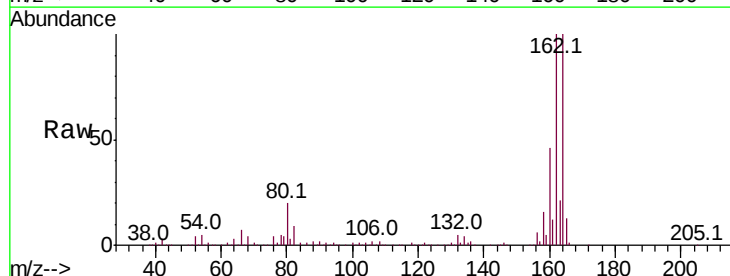
Instrument :  
 BNA\_F  
 ClientSampled :  
 VNJ-221

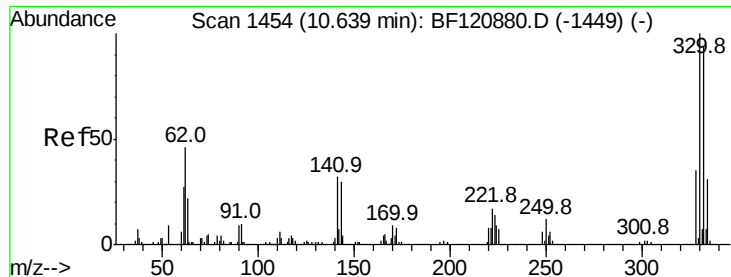
| Tot Ion   | 82   | Resp  | 890973 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 47.2 | 38.2  | 57.4   |
| 54        | 48.2 | 38.7  | 58.1   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.85 min Scan# 1319  
 Delta R.T. -0.01 min  
 Lab File: BF120995.D  
 Acq: 23 Jul 2020 22:27

| Tgt Ion                                              | 164   | Resp  | 314834 |
|------------------------------------------------------|-------|-------|--------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100   | Lower | Upper  |
| 162                                                  | 100.2 | 81.2  | 121.8  |
| 160                                                  | 46.0  | 36.9  | 55.3   |

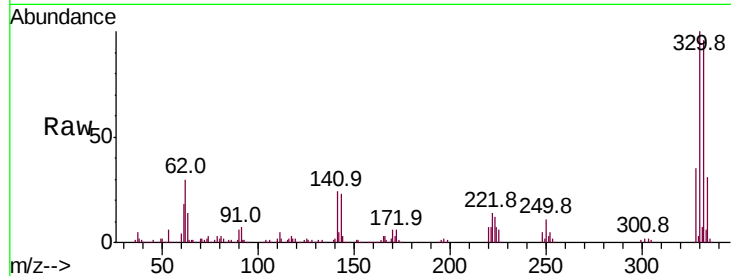




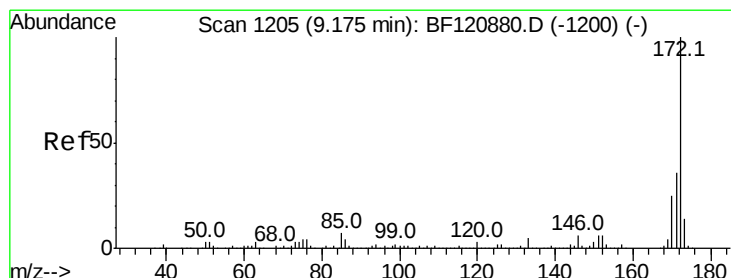
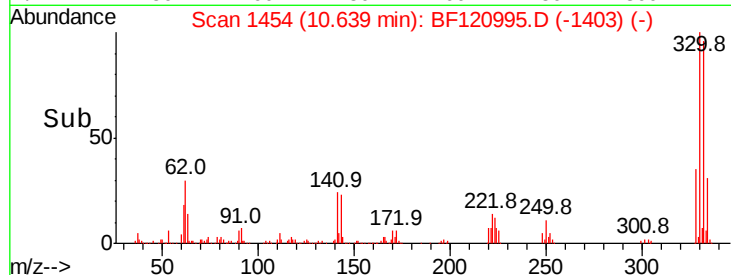
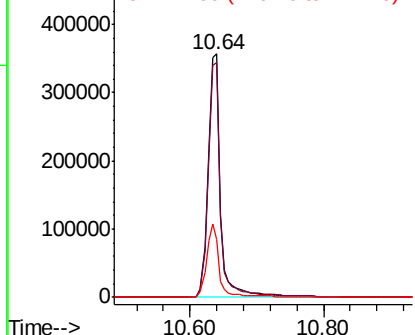
#42  
 2,4,6-Tribromophenol  
 Concen: 135.415 ng  
 RT: 10.64 min Scan# 1454  
 Delta R.T. 0.00 min  
 Lab File: BF120995.D  
 Acq: 23 Jul 2020 22:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-221

Tot Ion:330 Resp: 466663  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 75.5 113.3  
 141 30.8 25.7 38.5

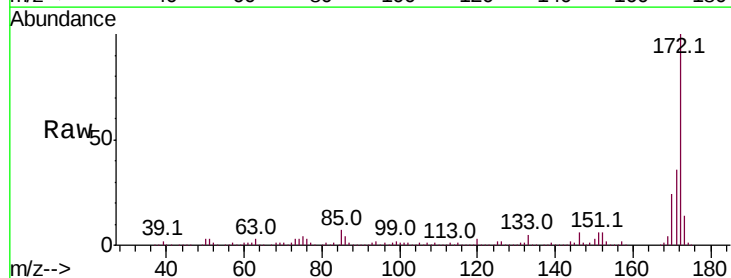


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

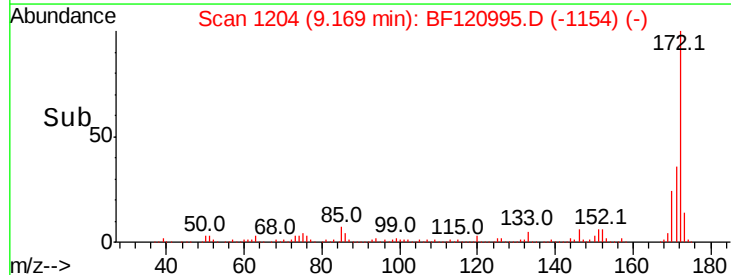
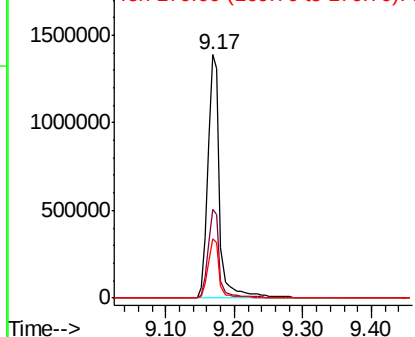


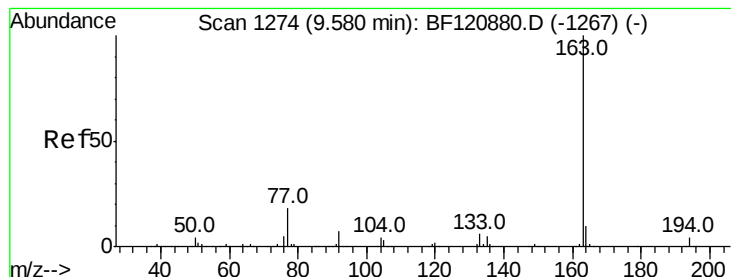
#45  
 2-Fluorobiphenyl  
 Concen: 80.821 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF120995.D  
 Acq: 23 Jul 2020 22:27

Tgt Ion:172 Resp: 1704249  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 29.0 43.4  
 170 24.4 19.6 29.4



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: 11.656 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120995.D

Acq: 23 Jul 2020 22:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-221

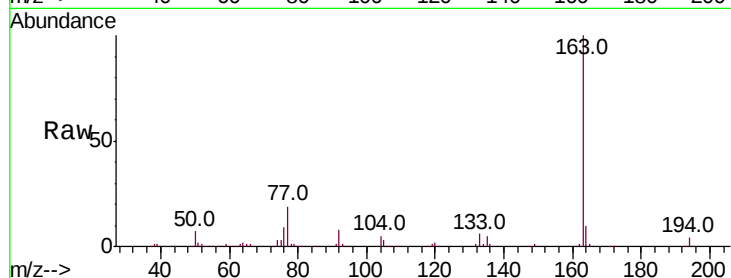
Tot Ion:163 Resp: 264747

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

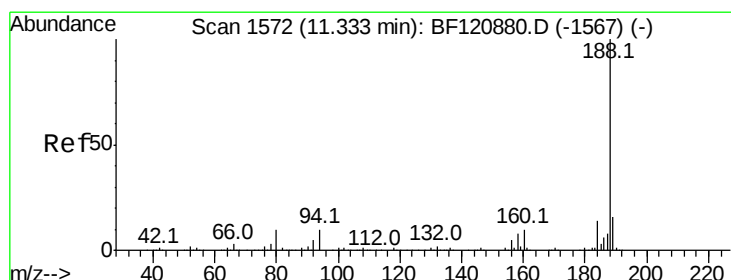
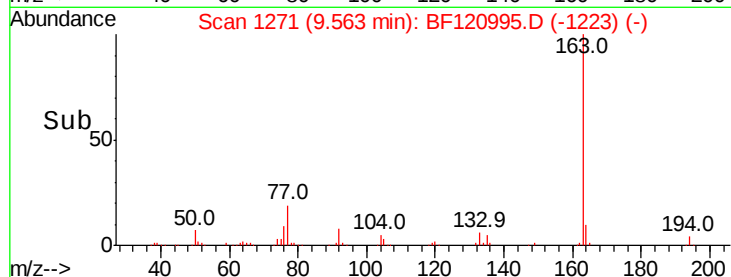
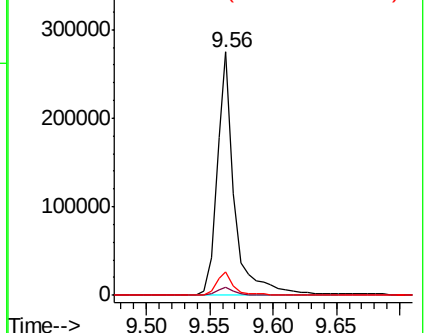
164 9.7 7.9 11.9



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF120995.D

Acq: 23 Jul 2020 22:27

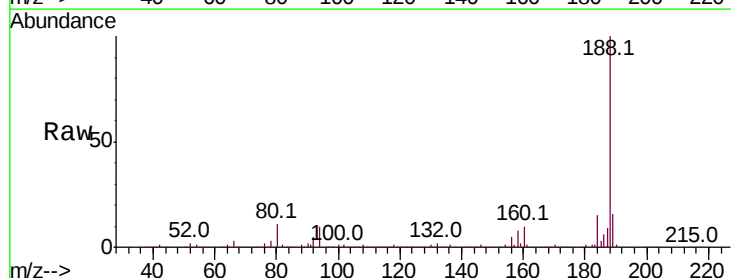
Tgt Ion:188 Resp: 599891

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

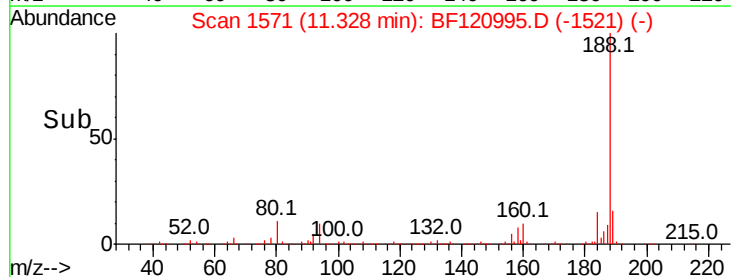
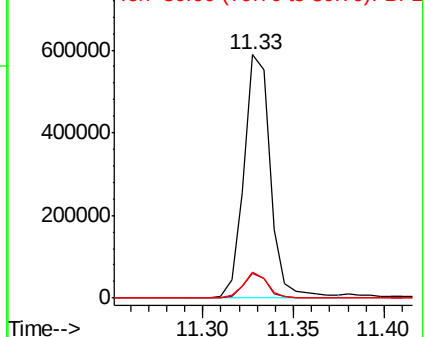
80 10.5 8.3 12.5

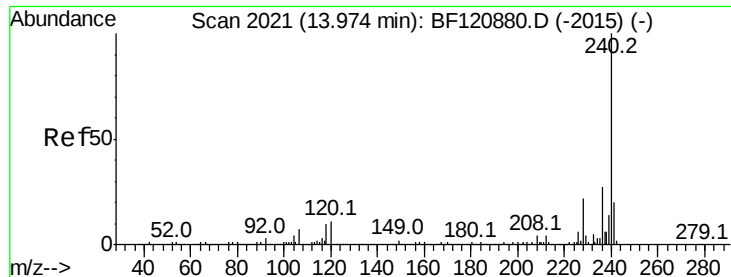


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

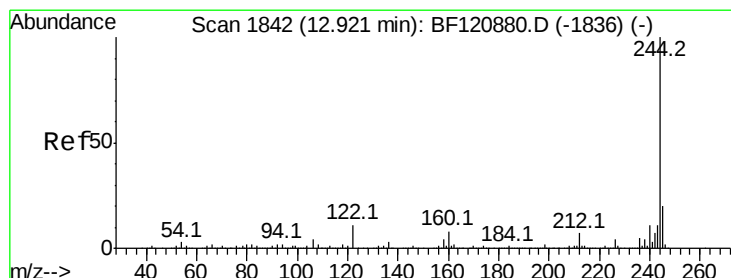
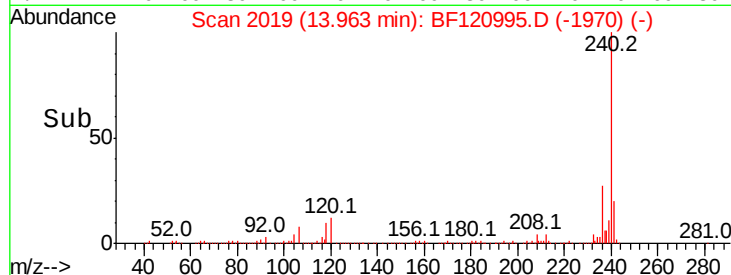
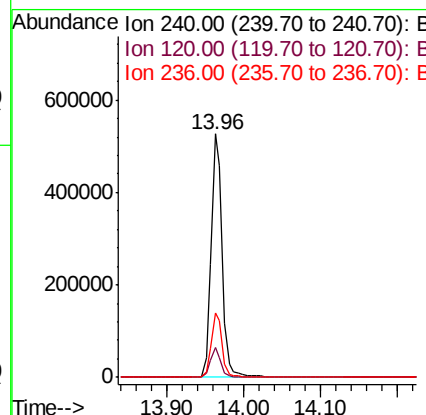
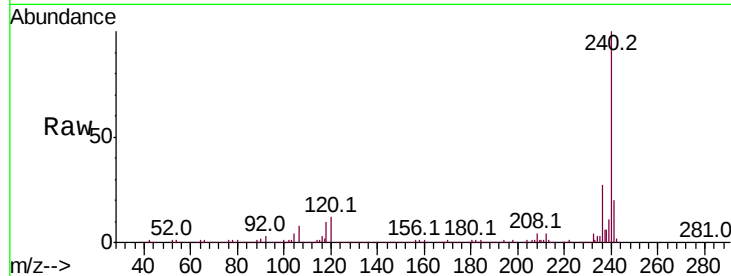




#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 13.96 min Scan# 2019  
 Delta R.T. -0.01 min  
 Lab File: BF120995.D  
 Acq: 23 Jul 2020 22:27

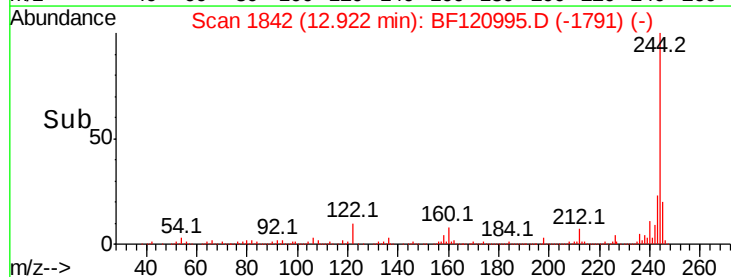
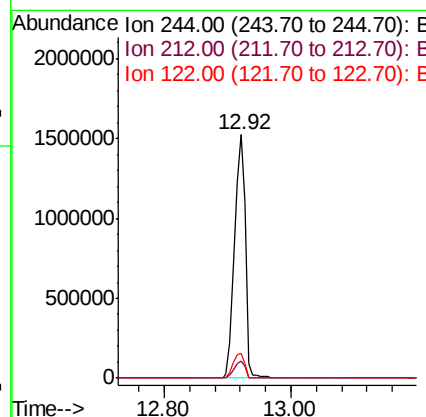
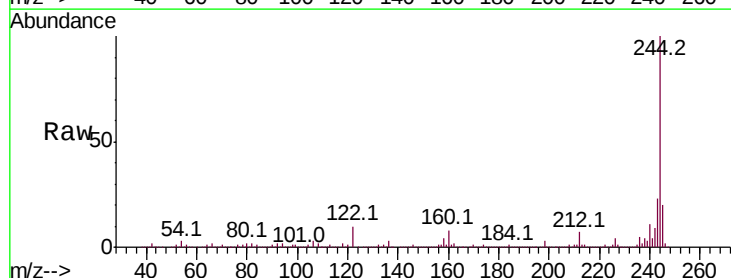
Instrument :  
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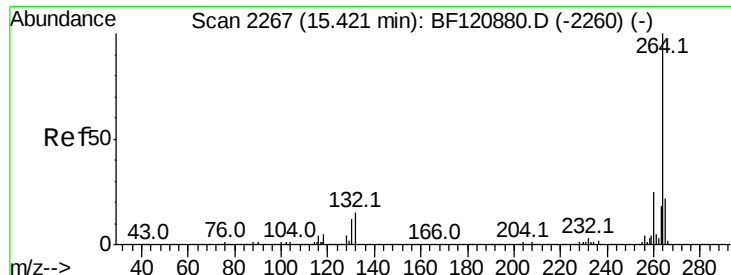
Tot Ion:240 Resp: 522082  
 Ion Ratio Lower Upper  
 240 100  
 120 12.1 9.0 13.4  
 236 26.5 21.7 32.5



#79  
 Terphenyl-d14  
 Concen: 73.698 ng  
 RT: 12.92 min Scan# 1842  
 Delta R.T. 0.00 min  
 Lab File: BF120995.D  
 Acq: 23 Jul 2020 22:27

Tgt Ion:244 Resp: 1770012  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.6 8.4  
 122 10.1 8.9 13.3





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.41 min Scan# 2265  
Delta R.T. -0.01 min  
Lab File: BF120995.D  
Acq: 23 Jul 2020 22:27

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-221

Tot Ion:264 Resp: 470894  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 20.0  | 30.0  |
| 265 | 21.9  | 17.4  | 26.2  |

