

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111120\  
 Data File : BN012549.D  
 Acq On : 12 Nov 2020 02:37  
 Operator : CG/JU  
 Sample : PB132943BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB132943BL

Quant Time: Nov 12 04:17:38 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 05 05:46:47 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|----------|------|-------|----------|
| -----                       |        |      |          |      |       |          |
| Internal Standards          |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.465  | 152  | 318      | 0.40 | ng    | #-0.02   |
| 7) Naphthalene-d8           | 10.250 | 136  | 1236     | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.116 | 164  | 775      | 0.40 | ng    | -0.03    |
| 19) Phenanthrene-d10        | 16.871 | 188  | 1636     | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12            | 21.078 | 240  | 1840     | 0.40 | ng    | #-0.02   |
| 36) Perylene-d12            | 23.193 | 264  | 2210     | 0.40 | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.074  | 112  | 355      | 0.32 | ng    | -0.02    |
| 5) Phenol-d6                | 6.660  | 99   | 333      | 0.26 | ng    | -0.02    |
| 8) Nitrobenzene-d5          | 8.641  | 82   | 621      | 0.42 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 11.855 | 152  | 517      | 0.26 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.638 | 330  | 154      | 0.27 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.746 | 172  | 1152     | 0.38 | ng    | -0.01    |
| 27) Fluoranthene-d10        | 18.913 | 212  | 1738     | 0.34 | ng    | -0.01    |
| 31) Terphenyl-d14           | 19.519 | 244  | 2514     | 0.57 | ng    | -0.02    |

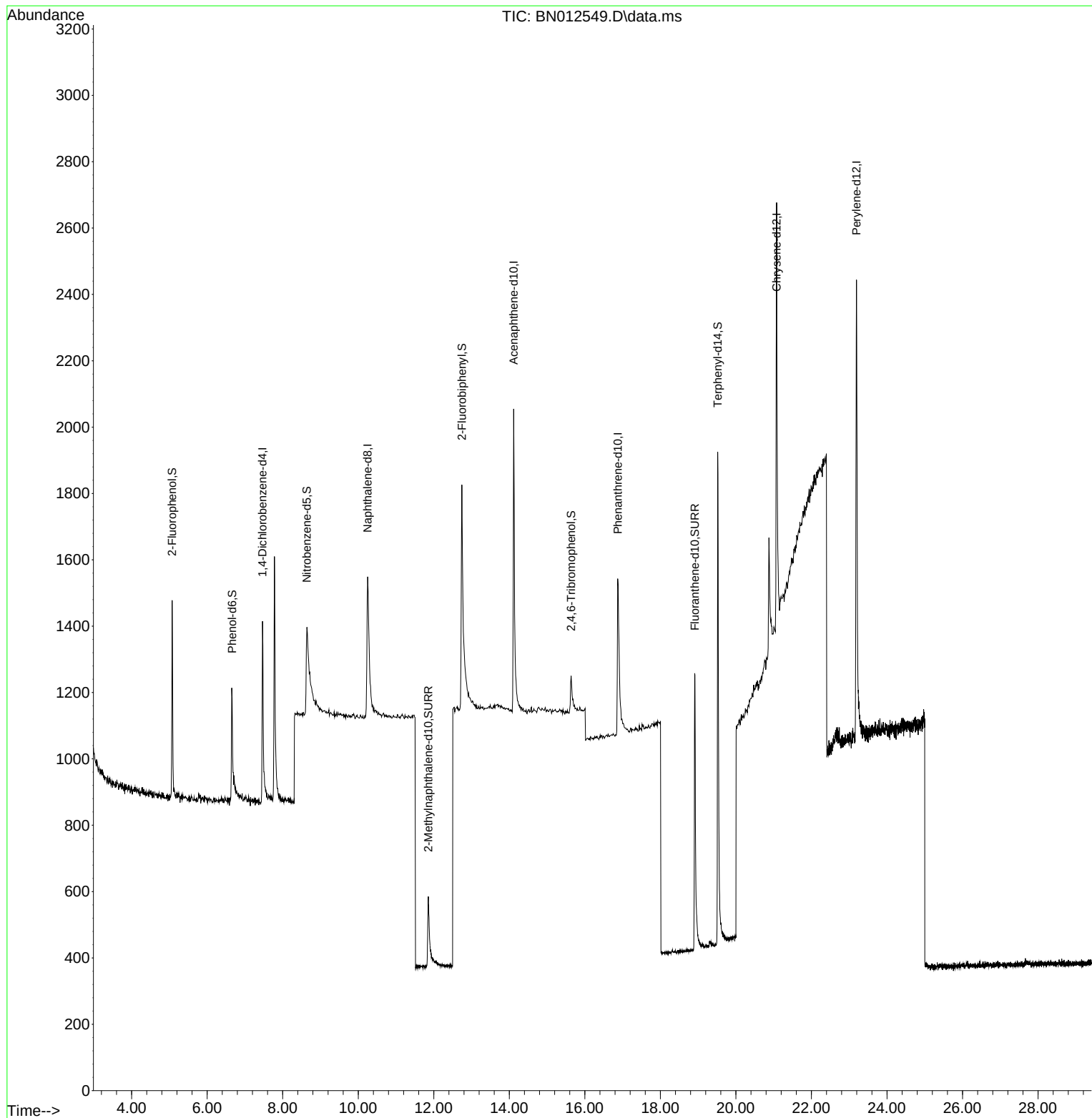
Target Compounds Qvalue

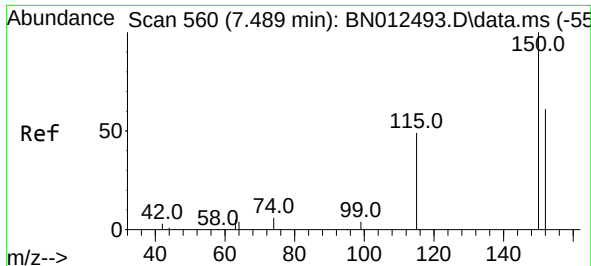
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111120\  
Data File : BN012549.D  
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Sample : PB132943BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB132943BL

Quant Time: Nov 12 04:17:38 2020  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 05 05:46:47 2020  
Response via : Initial Calibration

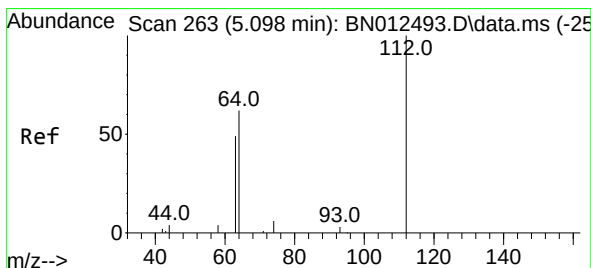
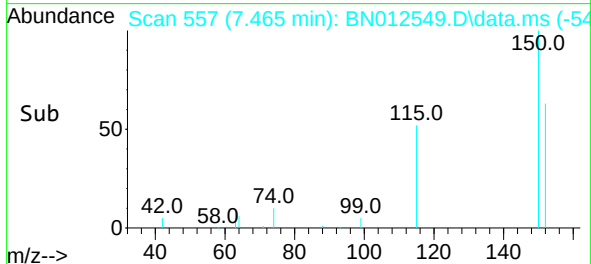
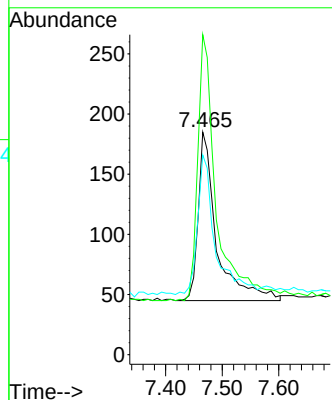
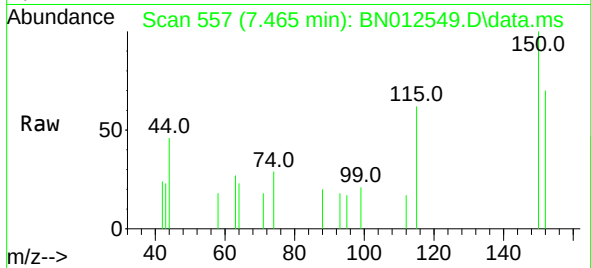




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.465 min Scan# 557  
 Delta R.T. -0.024 min  
 Lab File: BN012549.D  
 Acq: 12 Nov 2020 02:37

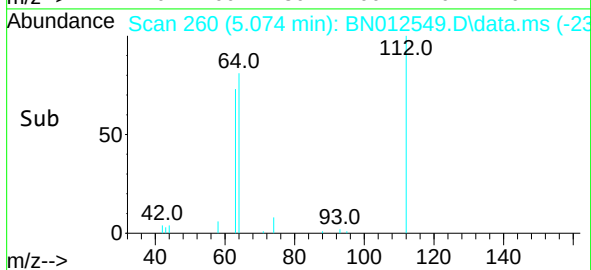
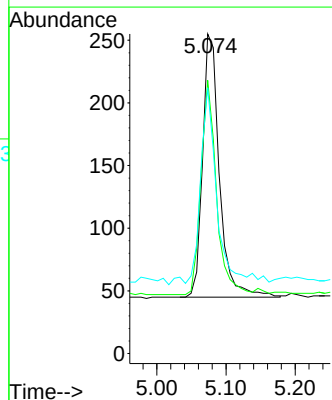
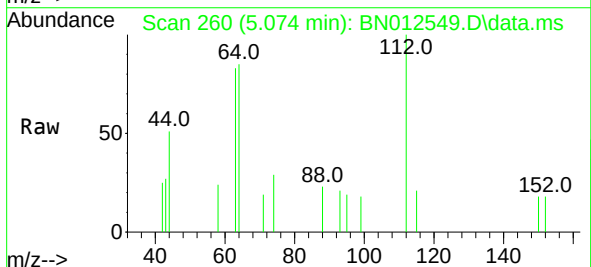
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB132943BL

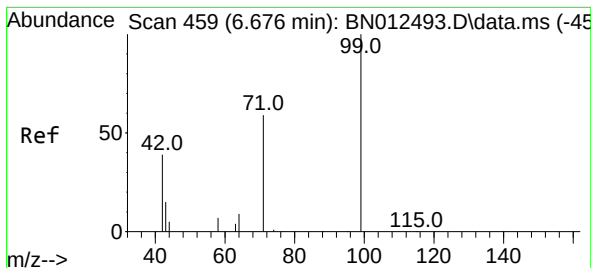
Tgt Ion:152 Resp: 318  
 Ion Ratio Lower Upper  
 152 100  
 150 143.8 116.6 174.8  
 115 89.7 52.9 79.3#



#4  
 2-Fluorophenol  
 Concen: 0.32 ng  
 RT: 5.074 min Scan# 260  
 Delta R.T. -0.024 min  
 Lab File: BN012549.D  
 Acq: 12 Nov 2020 02:37

Tgt Ion:112 Resp: 355  
 Ion Ratio Lower Upper  
 112 100  
 64 74.9 49.5 74.3#  
 63 74.6 32.0 48.0#





#5

Phenol-d6

Concen: 0.26 ng

RT: 6.660 min Scan# 457

Delta R.T. -0.016 min

Lab File: BN012549.D

Acq: 12 Nov 2020 02:37

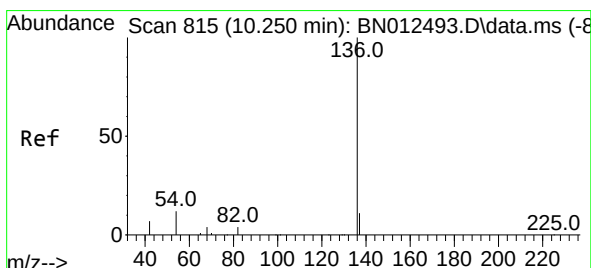
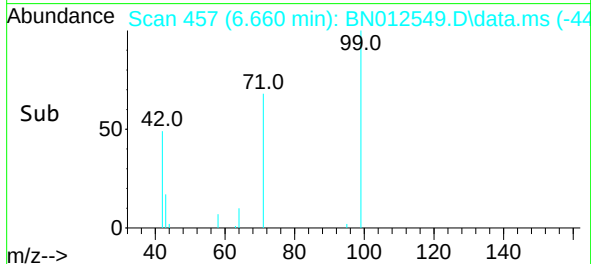
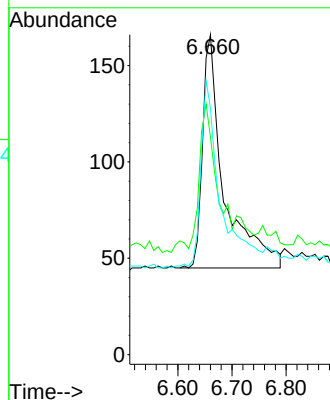
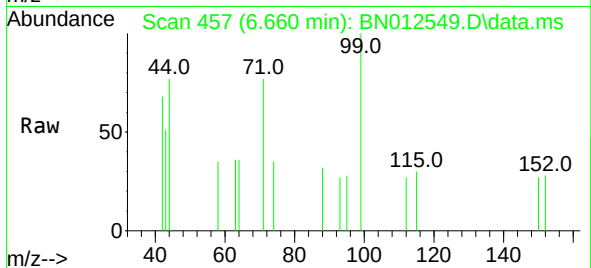
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 333   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 57.4  | 22.4  | 33.6# |
| 71       | 73.9  | 37.8  | 56.6# |

Instrument :

BNA\_N

ClientSampleId :

PB132943BL



#7

Naphthalene-d8

Concen: 0.40 ng

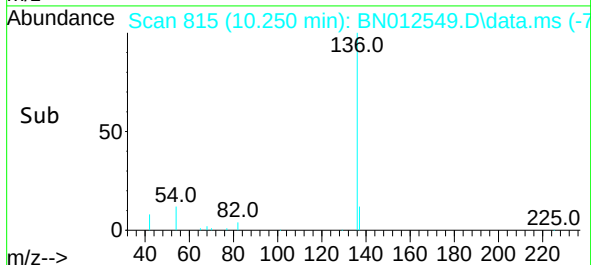
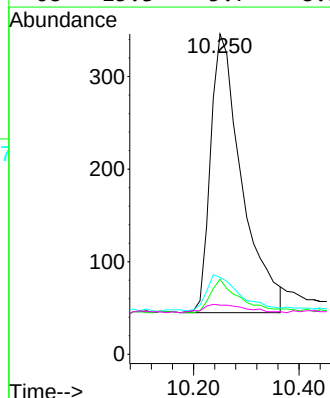
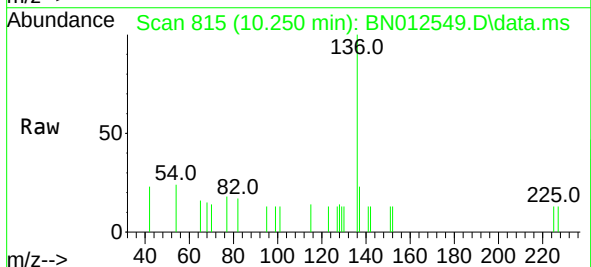
RT: 10.250 min Scan# 815

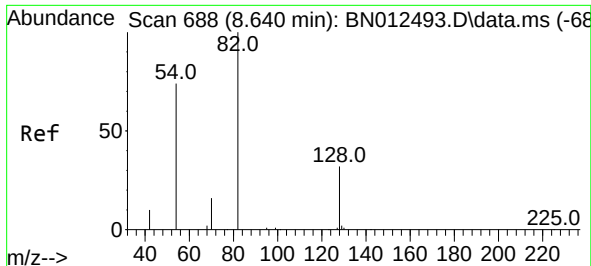
Delta R.T. 0.000 min

Lab File: BN012549.D

Acq: 12 Nov 2020 02:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 1236  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 23.4  | 10.6  | 15.8# |
| 54       | 24.0  | 8.6   | 12.8# |
| 68       | 15.3  | 5.7   | 8.5#  |

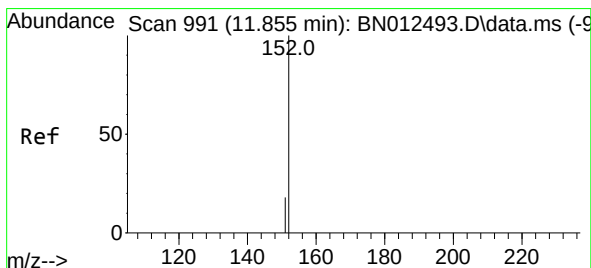
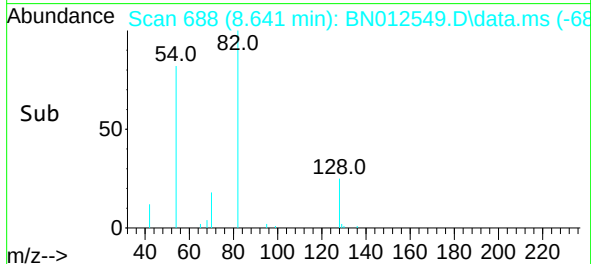
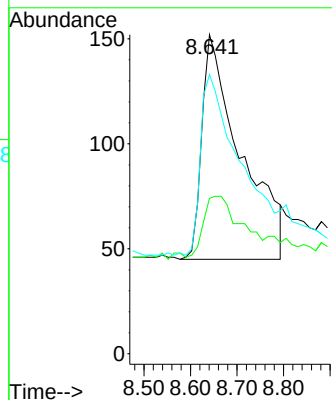
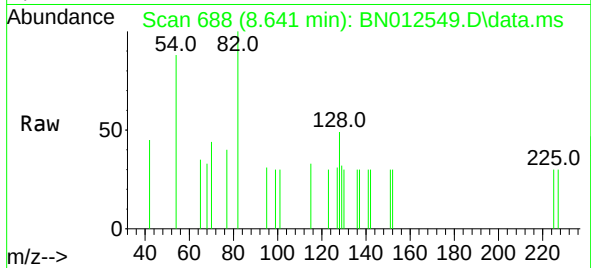




#8  
Nitrobenzene-d5  
Concen: 0.42 ng  
RT: 8.641 min Scan# 688  
Delta R.T. 0.000 min  
Lab File: BN012549.D  
Acq: 12 Nov 2020 02:37

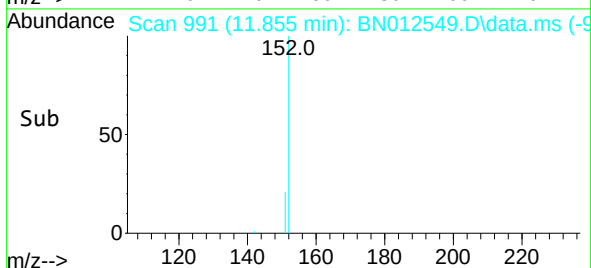
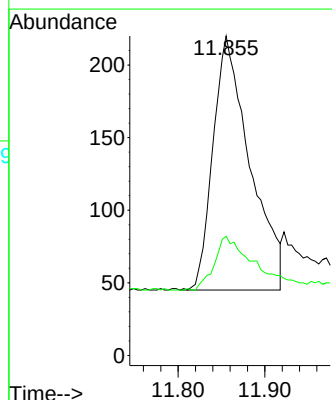
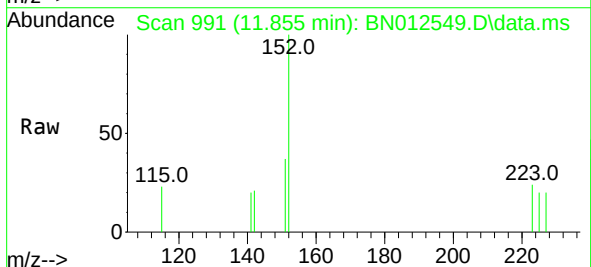
Instrument :  
BNA\_N  
ClientSampleId :  
PB132943BL

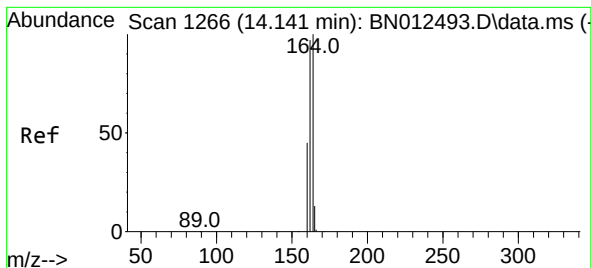
Tgt Ion: 82 Resp: 621  
Ion Ratio Lower Upper  
82 100  
128 48.7 30.6 46.0#  
54 87.5 48.3 72.5#



#11  
2-Methylnaphthalene-d10  
Concen: 0.26 ng  
RT: 11.855 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: BN012549.D  
Acq: 12 Nov 2020 02:37

Tgt Ion:152 Resp: 517  
Ion Ratio Lower Upper  
152 100  
151 23.8 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.116 min Scan# 1264

Delta R.T. -0.025 min

Lab File: BN012549.D

Acq: 12 Nov 2020 02:37

Instrument :

BNA\_N

ClientSampleId :

PB132943BL

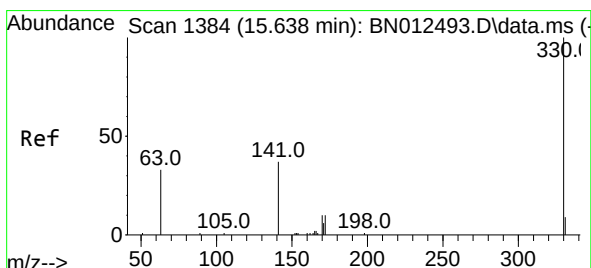
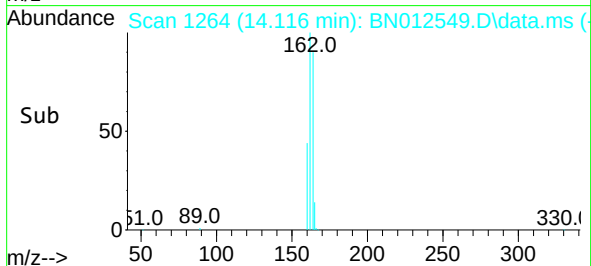
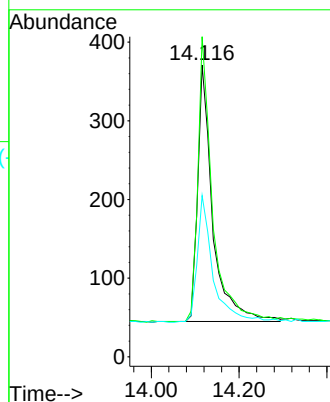
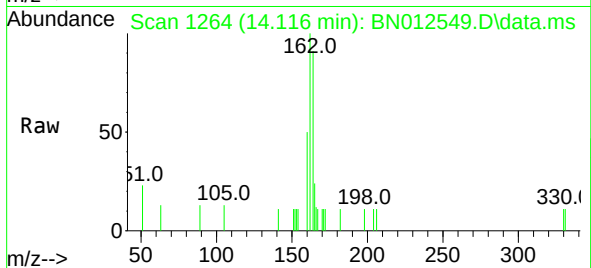
Tgt Ion:164 Resp: 775

Ion Ratio Lower Upper

164 100

162 109.7 80.6 120.8

160 55.3 39.5 59.3



#14

2,4,6-Tribromophenol

Concen: 0.27 ng

RT: 15.638 min Scan# 1384

Delta R.T. 0.000 min

Lab File: BN012549.D

Acq: 12 Nov 2020 02:37

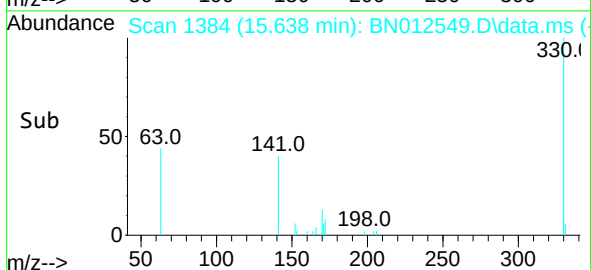
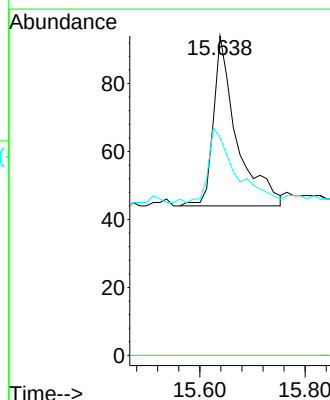
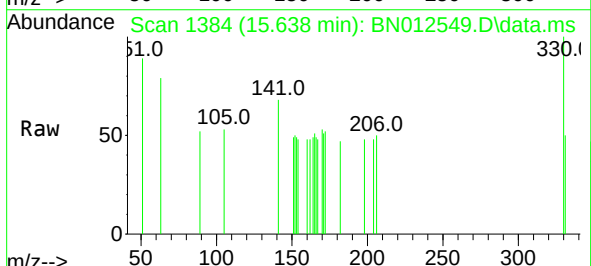
Tgt Ion:330 Resp: 154

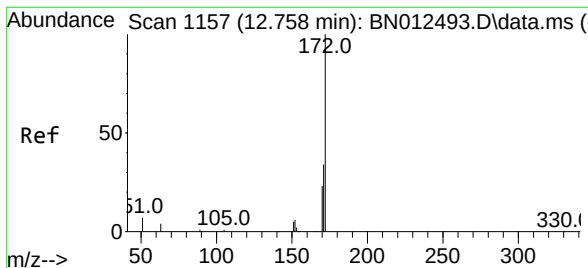
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 50.6 34.4 51.6

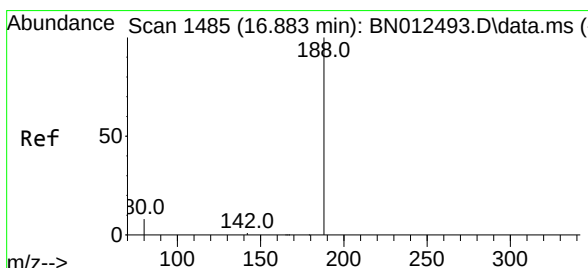
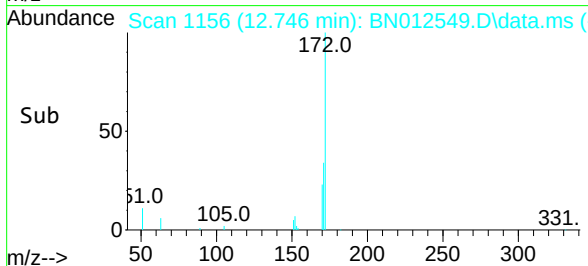
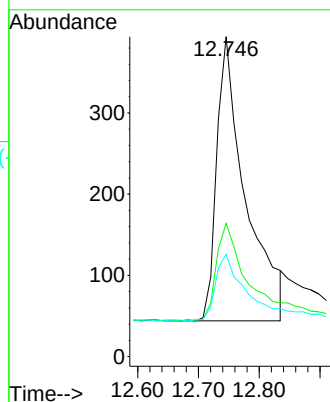
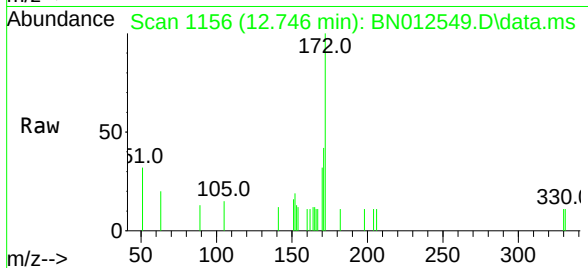




#15  
2-Fluorobiphenyl  
Concen: 0.38 ng  
RT: 12.746 min Scan# 1156  
Delta R.T. -0.013 min  
Lab File: BN012549.D  
Acq: 12 Nov 2020 02:37

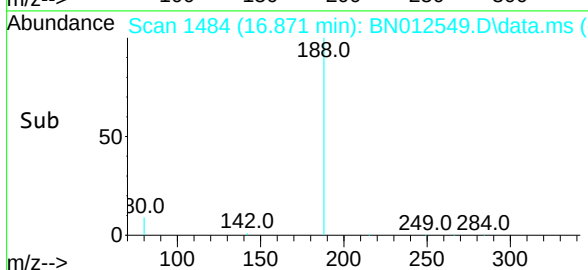
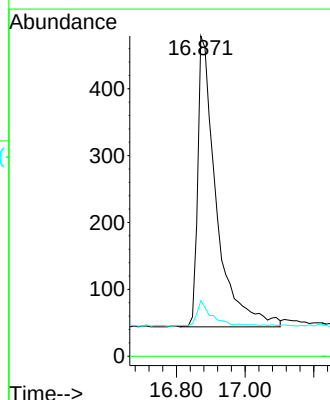
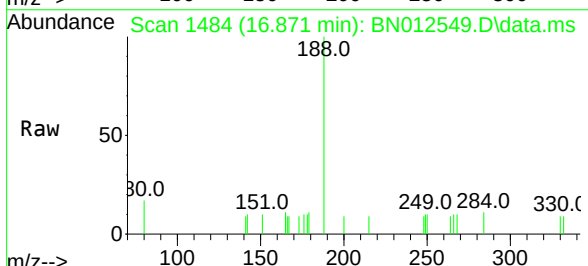
Instrument :  
BNA\_N  
ClientSampleId :  
PB132943BL

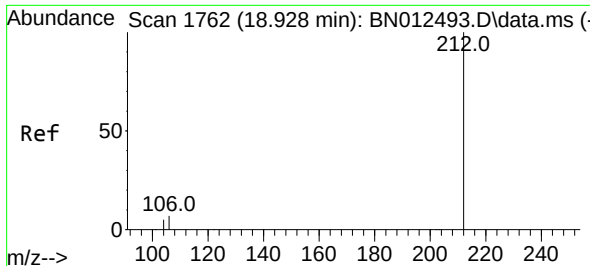
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|-------------|-------|------------|
| Tgt Ion:172 | Resp: | 1152       |
| Ion Ratio   | Lower | Upper      |
| 172         | 100   |            |
| 171         | 41.6  | 28.2 42.4  |
| 170         | 32.0  | 20.0 30.0# |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.871 min Scan# 1484  
Delta R.T. -0.012 min  
Lab File: BN012549.D  
Acq: 12 Nov 2020 02:37

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 1636     |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 0.0   | 0.0 0.0  |
| 80          | 17.3  | 5.0 7.4# |

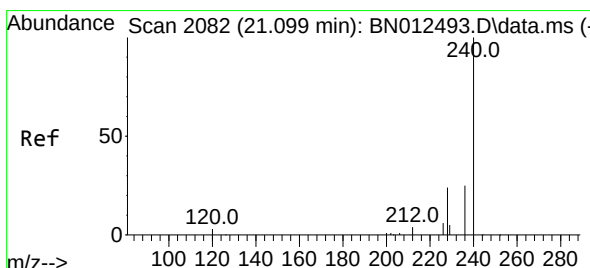
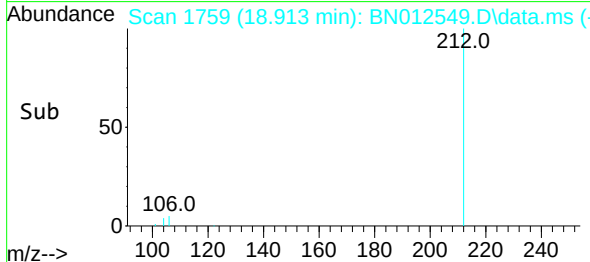
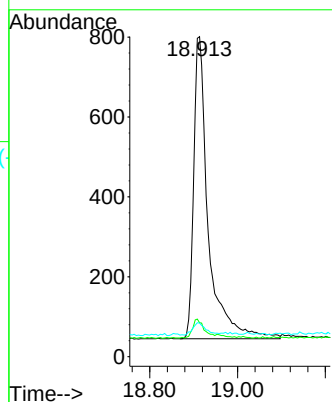
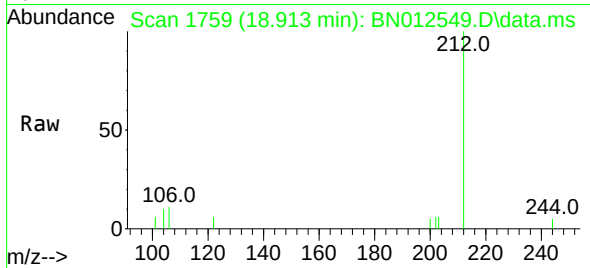




#27  
Fluoranthene-d10  
Concen: 0.34 ng  
RT: 18.913 min Scan# 1759  
Delta R.T. -0.015 min  
Lab File: BN012549.D  
Acq: 12 Nov 2020 02:37

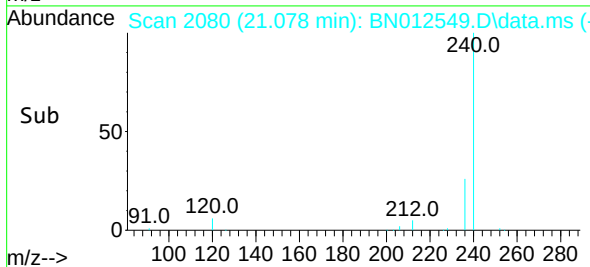
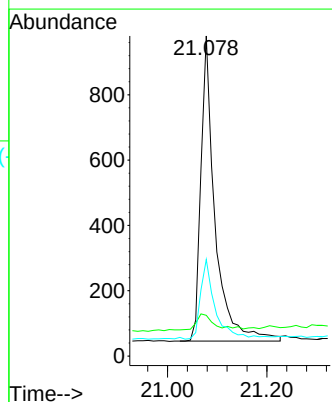
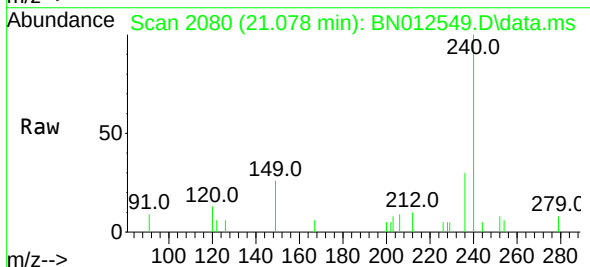
Instrument :  
BNA\_N  
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Tgt Ion:212 Resp: 1738  
Ion Ratio Lower Upper  
212 100  
106 4.9 6.8 10.2#  
104 3.7 4.1 6.1#

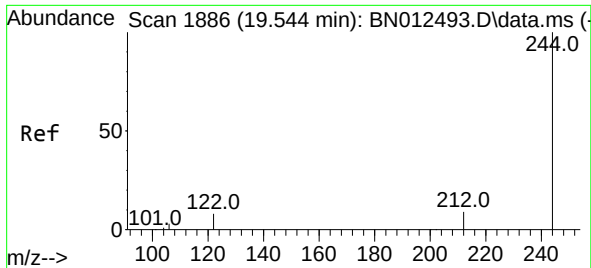


#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.078 min Scan# 2080  
Delta R.T. -0.021 min  
Lab File: BN012549.D  
Acq: 12 Nov 2020 02:37

Tgt Ion:240 Resp: 1840  
Ion Ratio Lower Upper  
240 100  
120 12.8 5.3 7.9#  
236 30.2 21.8 32.8



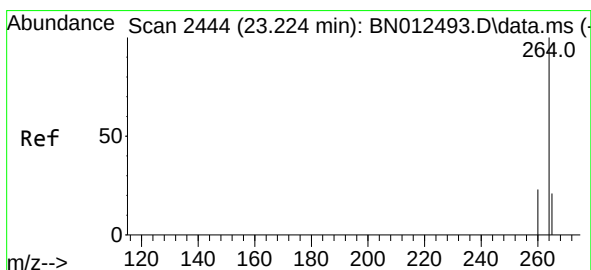
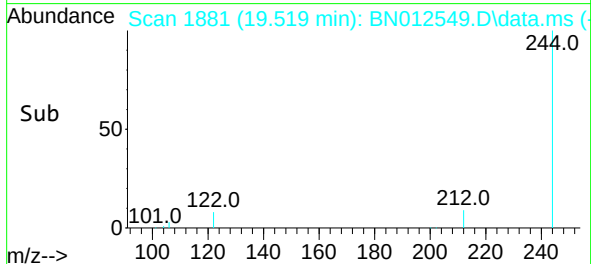
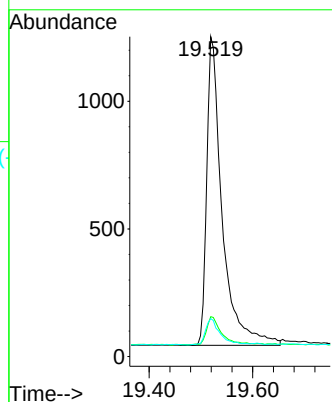
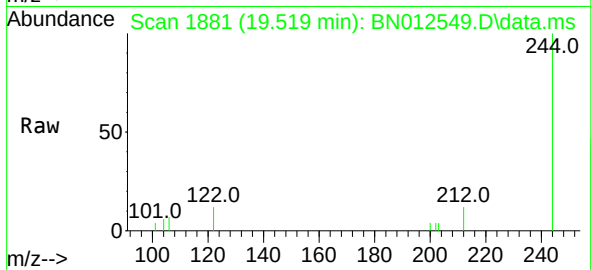




#31  
Terphenyl-d14  
Concen: 0.57 ng  
RT: 19.519 min Scan# 1881  
Delta R.T. -0.025 min  
Lab File: BN012549.D  
Acq: 12 Nov 2020 02:37

Instrument :  
BNA\_N  
ClientSampleId :  
PB132943BL

Tgt Ion:244 Resp: 2514  
Ion Ratio Lower Upper  
244 100  
212 12.5 7.3 10.9#  
122 11.9 7.3 10.9#



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.193 min Scan# 2435  
Delta R.T. -0.031 min  
Lab File: BN012549.D  
Acq: 12 Nov 2020 02:37

Tgt Ion:264 Resp: 2210  
Ion Ratio Lower Upper  
264 100  
260 27.8 19.8 29.6  
265 74.0 51.4 77.0

