

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\  
 Data File : BN009380.D  
 Acq On : 15 Jan 2020 15:56  
 Operator : JU  
 Sample : PB126027BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jan 15 17:31:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 14 09:33:55 2020  
 Response via : Initial Calibration

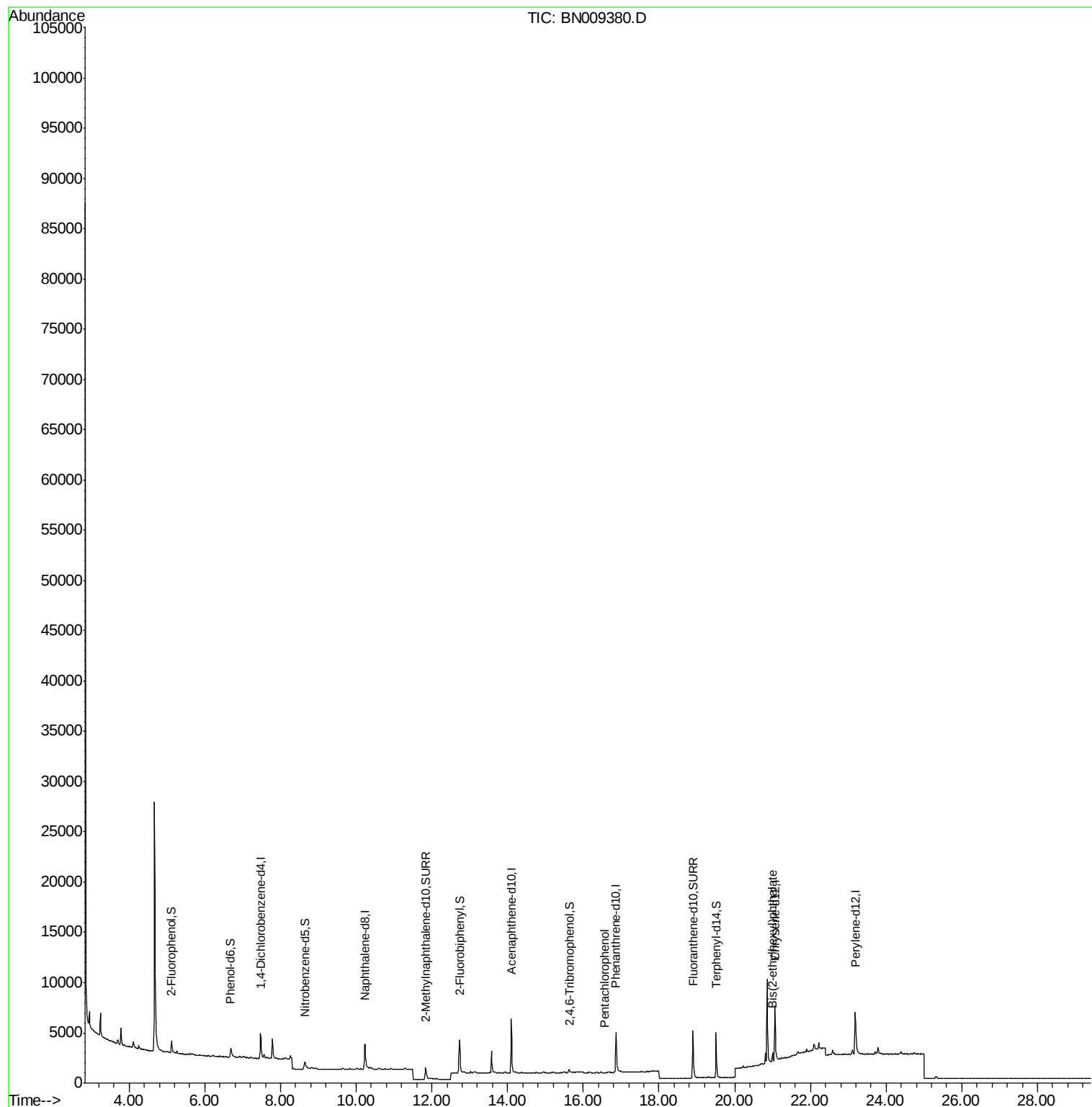
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.48  | 152  | 1531     | 0.40  | ng    | 0.00        |
| 7) Naphthalene-d8              | 10.24 | 136  | 4953     | 0.40  | ng    | 0.01        |
| 13) Acenaphthene-d10           | 14.10 | 164  | 3258     | 0.40  | ng    | 0.00        |
| 19) Phenanthrene-d10           | 16.86 | 188  | 7232     | 0.40  | ng    | 0.00        |
| 27) Chrysene-d12               | 21.07 | 240  | 6688     | 0.40  | ng    | 0.00        |
| 34) Perylene-d12               | 23.19 | 264  | 6895     | 0.40  | ng    | 0.00        |
| System Monitoring Compounds    |       |      |          |       |       |             |
| 4) 2-Fluorophenol              | 5.12  | 112  | 1080     | 0.31  | ng    | 0.00        |
| 5) Phenol-d6                   | 6.69  | 99   | 1251     | 0.31  | ng    | 0.00        |
| 8) Nitrobenzene-d5             | 8.64  | 82   | 1136     | 0.29  | ng    | 0.01        |
| 11) 2-Methylnaphthalene-d10    | 11.83 | 152  | 2607     | 0.27  | ng    | 0.00        |
| 14) 2,4,6-Tribromophenol       | 15.63 | 330  | 294      | 0.24  | ng    | 0.00        |
| 15) 2-Fluorobiphenyl           | 12.73 | 172  | 3889     | 0.32  | ng    | 0.00        |
| 25) Fluoranthene-d10           | 18.90 | 212  | 6978     | 0.28  | ng    | 0.00        |
| 29) Terphenyl-d14              | 19.51 | 244  | 5239     | 0.33  | ng    | 0.00        |
| Target Compounds               |       |      |          |       |       |             |
| 22) Pentachlorophenol          | 16.56 | 266  | 3        | 0.147 | ng    | Qvalue # 75 |
| 32) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 782      | 0.080 | ng    | 96          |

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

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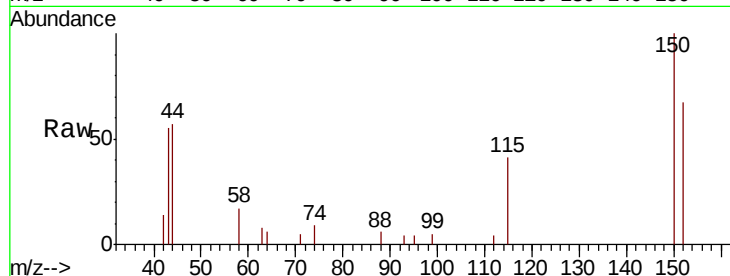


#1

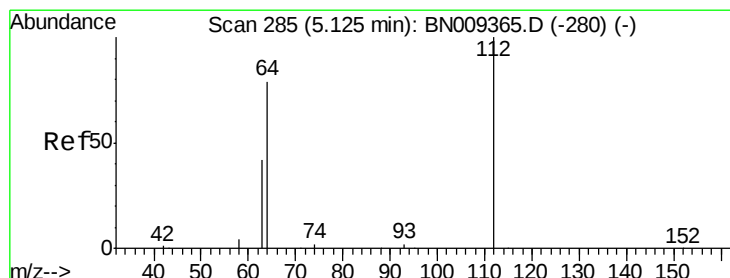
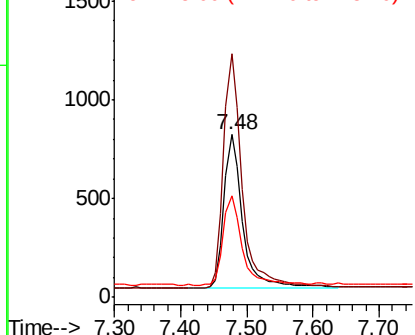
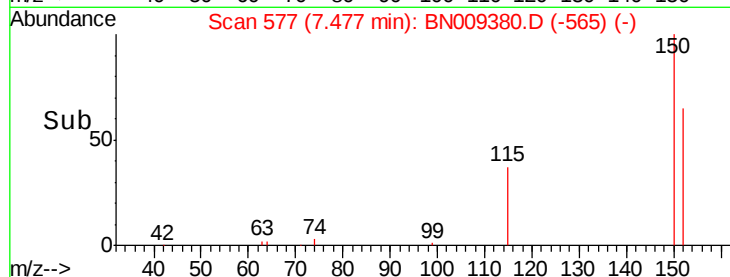
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.48 min Scan# 577  
Delta R.T. -0.00 min  
Lab File: BN009380.D  
Acq: 15 Jan 2020 15:56

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:152 Resp: 1531  
Ion Ratio Lower Upper  
152 100  
150 149.9 125.7 188.5  
115 62.2 53.3 79.9



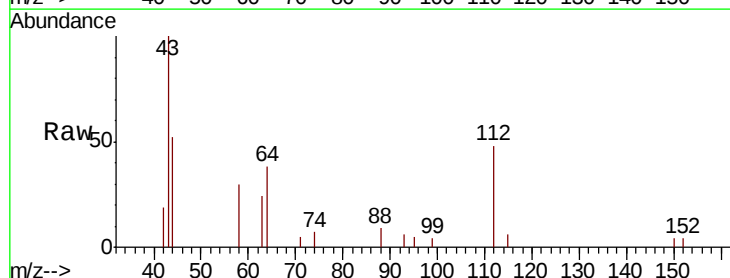
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



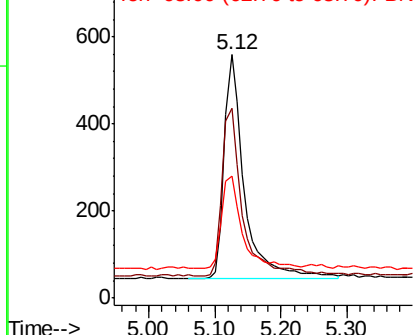
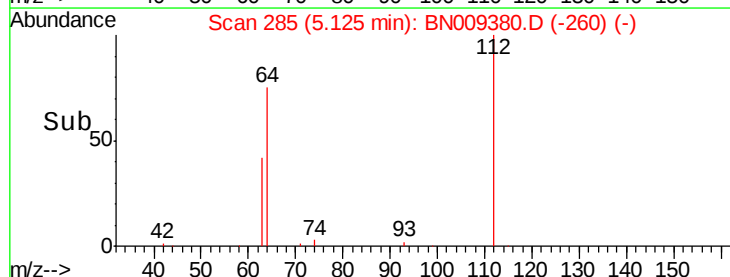
#4

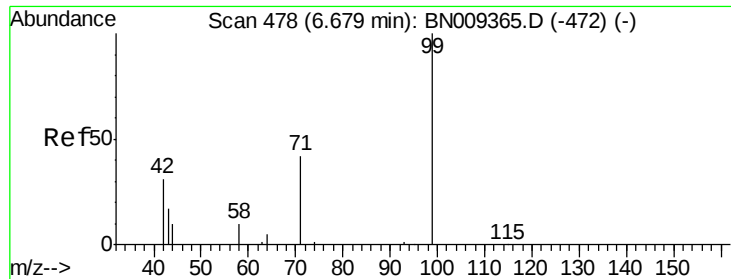
2-Fluorophenol  
Concen: 0.306 ng  
RT: 5.12 min Scan# 285  
Delta R.T. -0.00 min  
Lab File: BN009380.D  
Acq: 15 Jan 2020 15:56

Tgt Ion:112 Resp: 1080  
Ion Ratio Lower Upper  
112 100  
64 77.0 61.5 92.3  
63 42.4 35.0 52.4



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





#5

Phenol-d6

Concen: 0.307 ng

RT: 6.69 min Scan# 479

Delta R.T. 0.01 min

Lab File: BN009380.D

Acq: 15 Jan 2020 15:56

Instrument :

BNA\_N

ClientSampleId :

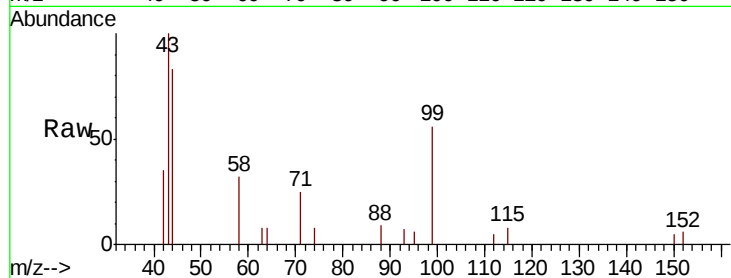
Tot Ion: 99 Resp: 1251

Ion Ratio Lower Upper

99 100

42 33.0 27.6 41.4

71 40.5 33.0 49.6



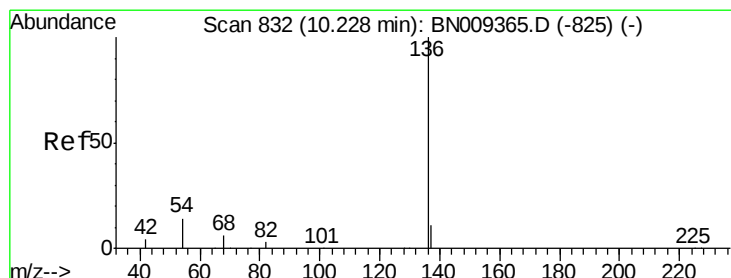
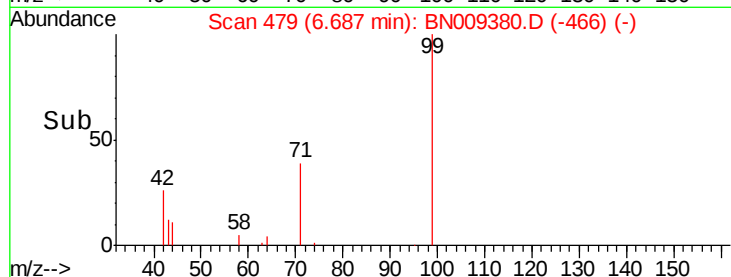
Abundance Ion 99.00 (98.70 to 99.70): BN009365.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009365.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009365.D (-472) (-)

6.69

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN009380.D

Acq: 15 Jan 2020 15:56

Tgt Ion: 136 Resp: 4953

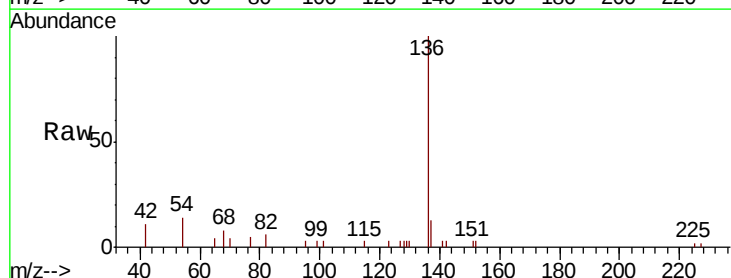
Ion Ratio Lower Upper

136 100

137 13.1 10.3 15.5

54 14.3 12.6 19.0

68 7.7 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN009365.D (-825) (-)

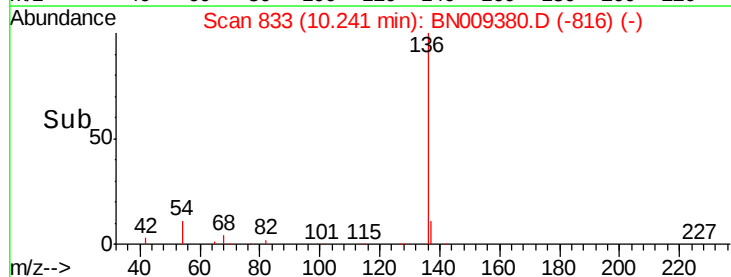
Ion 137.00 (136.70 to 137.70): BN009365.D (-825) (-)

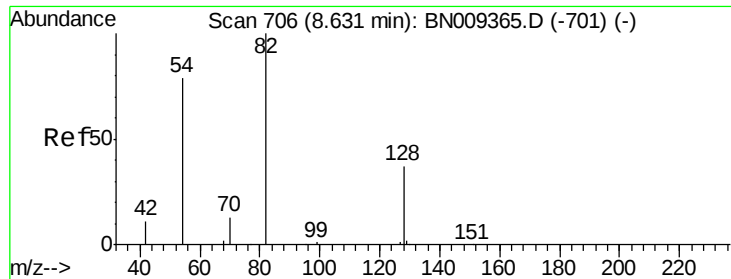
Ion 54.00 (53.70 to 54.70): BN009365.D (-825) (-)

Ion 68.00 (67.70 to 68.70): BN009365.D (-825) (-)

10.24

Time-->

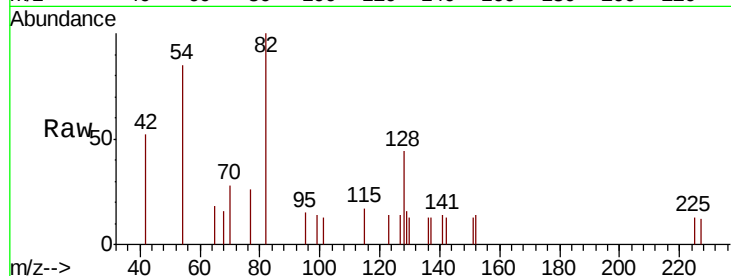




#8  
 Nitrobenzene-d5  
 Concen: 0.288 ng  
 RT: 8.64 min Scan# 707  
 Delta R.T. 0.01 min  
 Lab File: BN009380.D  
 Acq: 15 Jan 2020 15:56

Instrument :  
 BNA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.4  | 34.8  | 52.2  |
| 54      | 84.8  | 65.8  | 98.6  |

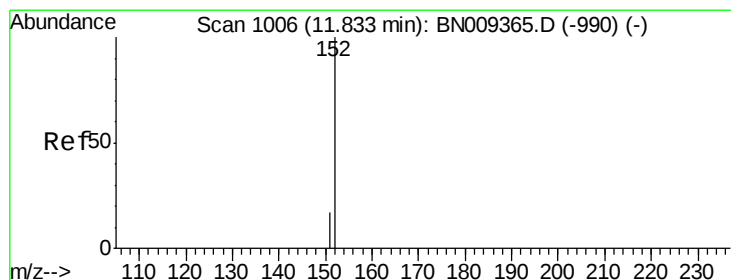
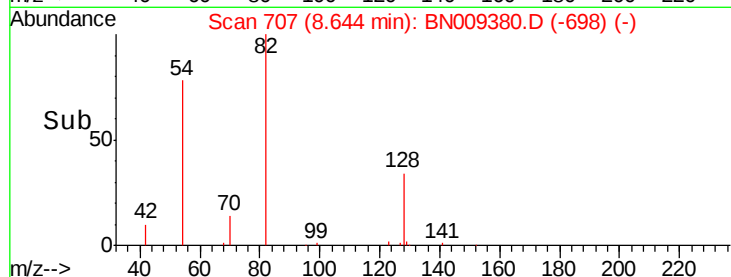
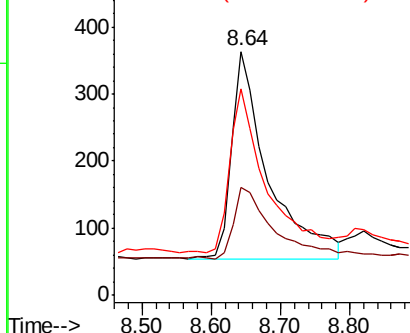


Abundance

Ion 82.00 (81.70 to 82.70): BN009365.D (-701) (-)

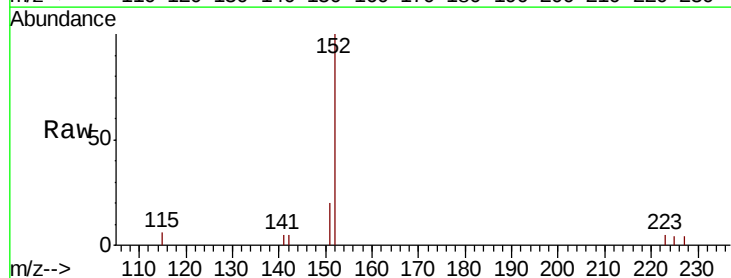
Ion 128.00 (127.70 to 128.70): BN009365.D (-701) (-)

Ion 54.00 (53.70 to 54.70): BN009365.D (-701) (-)



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.272 ng  
 RT: 11.83 min Scan# 1006  
 Delta R.T. -0.00 min  
 Lab File: BN009380.D  
 Acq: 15 Jan 2020 15:56

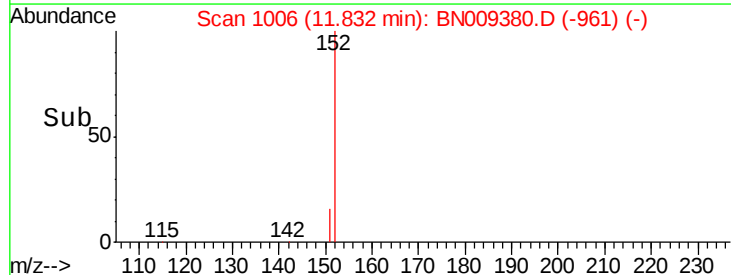
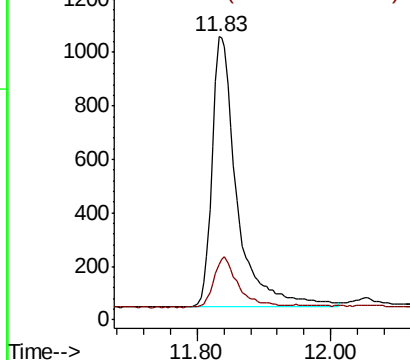
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 17.9  | 14.8  | 22.2  |

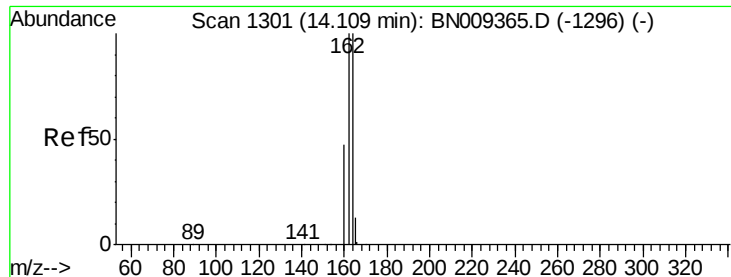


Abundance

Ion 152.00 (151.70 to 152.70): BN009365.D (-990) (-)

Ion 151.00 (150.70 to 151.70): BN009365.D (-990) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN009380.D

Acq: 15 Jan 2020 15:56

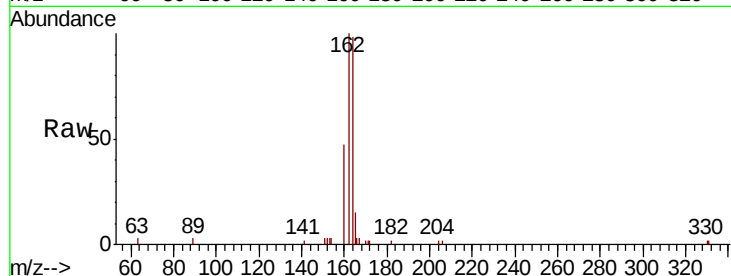
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:164 Resp: 3258

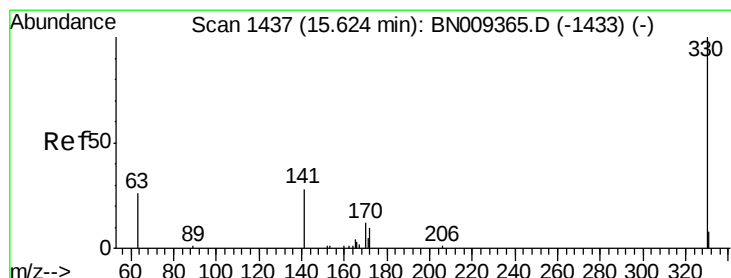
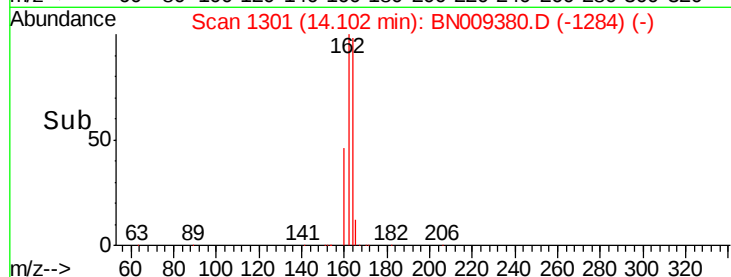
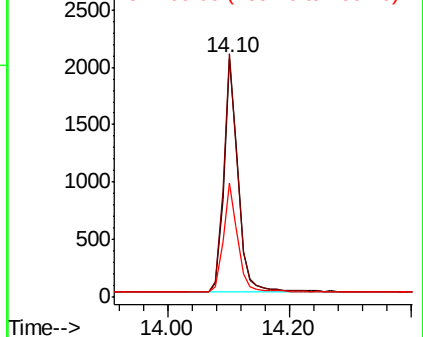
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.1 | 79.8  | 119.6 |
| 160 | 47.9  | 38.4  | 57.6  |



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.239 ng

RT: 15.63 min Scan# 1438

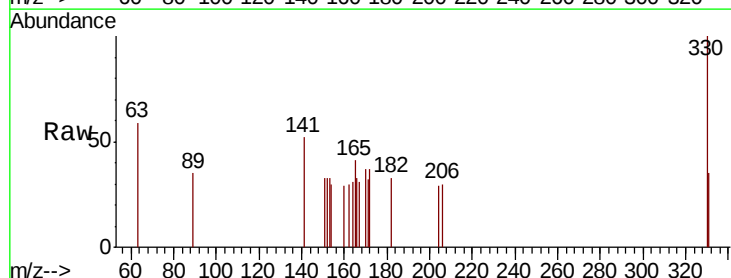
Delta R.T. 0.00 min

Lab File: BN009380.D

Acq: 15 Jan 2020 15:56

Tgt Ion:330 Resp: 294

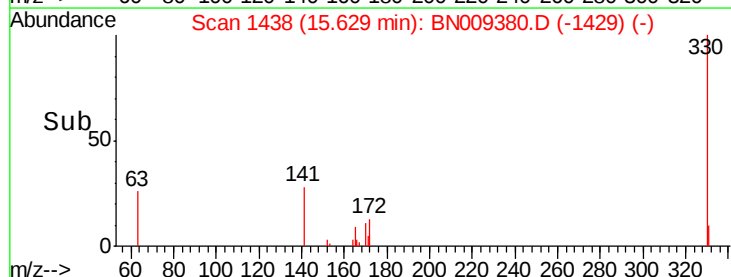
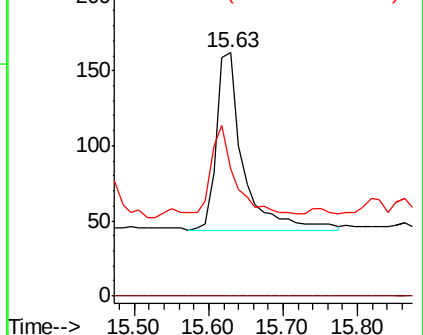
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 0.0   | 0.0   | 0.0   |
| 141 | 41.5  | 33.1  | 49.7  |

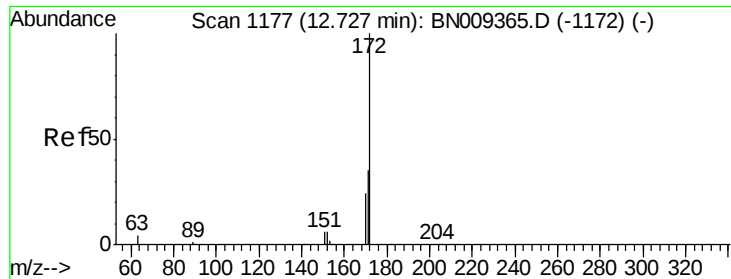


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

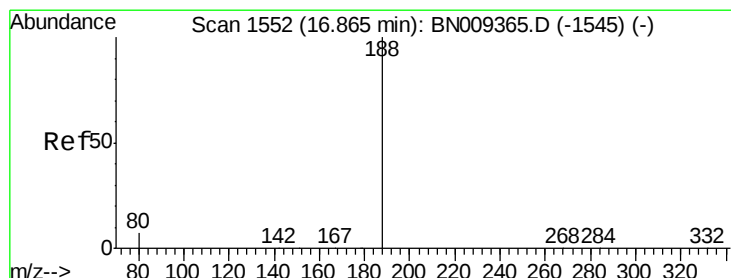
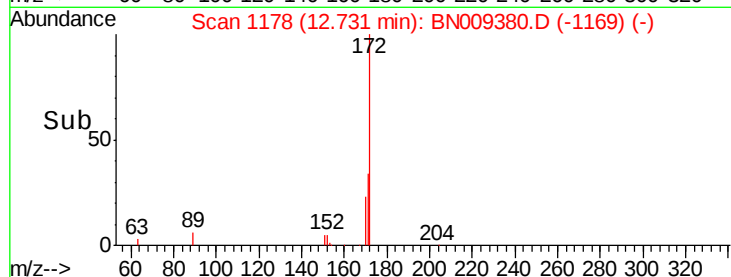
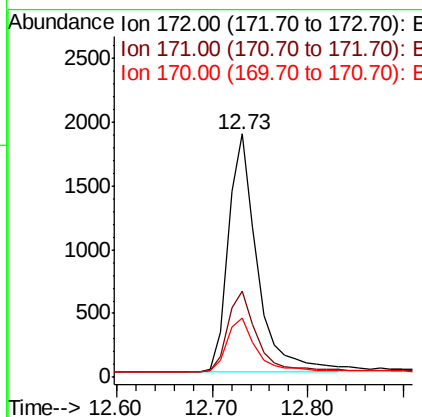
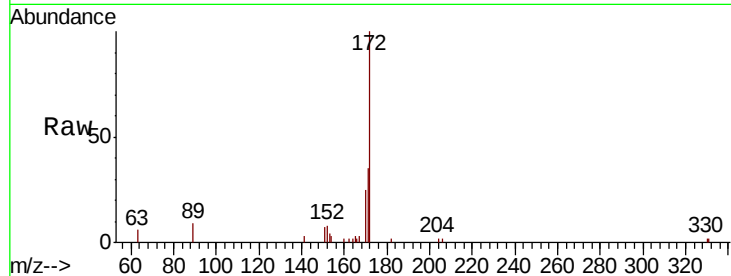




#15  
2-Fluorobiphenyl  
Concen: 0.319 ng  
RT: 12.73 min Scan# 1178  
Delta R.T. 0.00 min  
Lab File: BN009380.D  
Acq: 15 Jan 2020 15:56

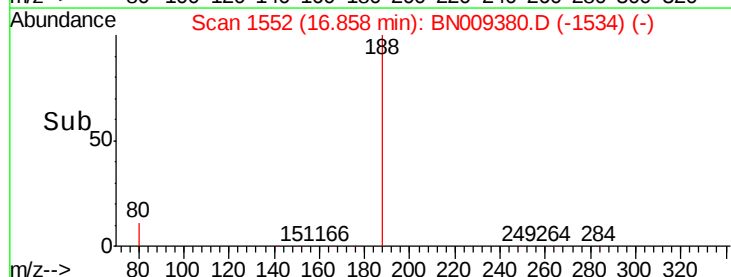
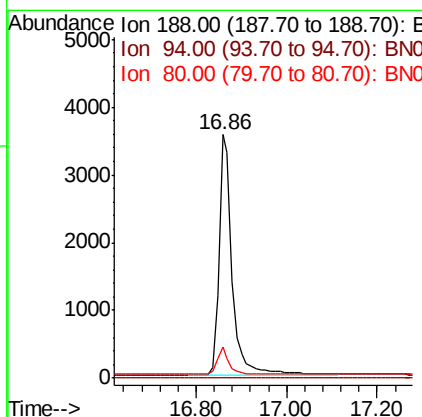
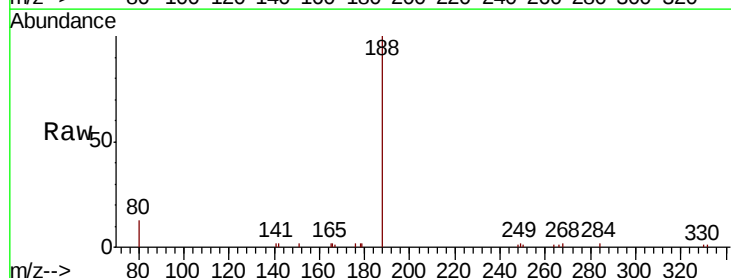
Instrument :  
BNA\_N  
ClientSampled :

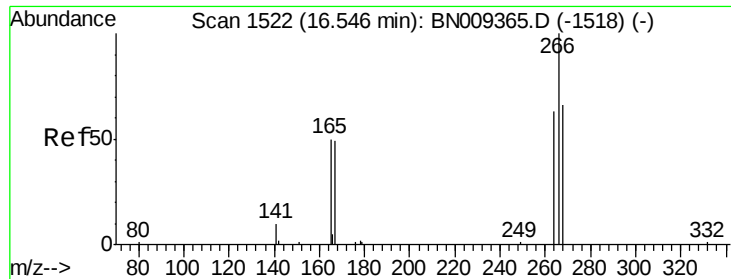
Tot Ion:172 Resp: 3889  
Ion Ratio Lower Upper  
172 100  
171 35.3 29.5 44.3  
170 24.5 20.7 31.1



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.86 min Scan# 1552  
Delta R.T. -0.01 min  
Lab File: BN009380.D  
Acq: 15 Jan 2020 15:56

Tgt Ion:188 Resp: 7232  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.7 6.6 10.0#

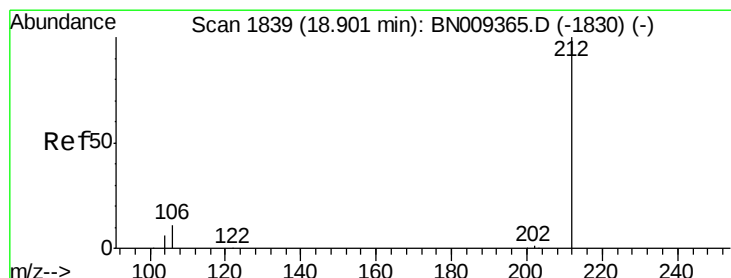
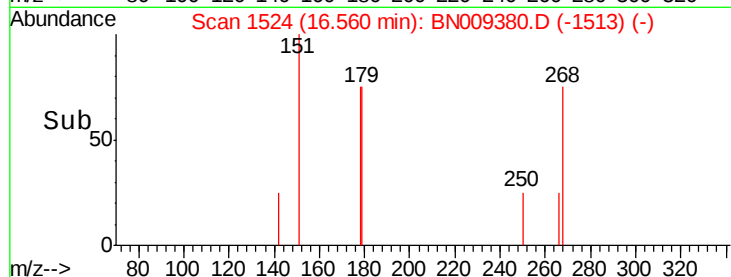
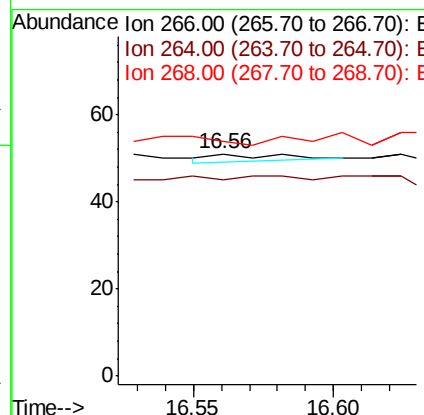
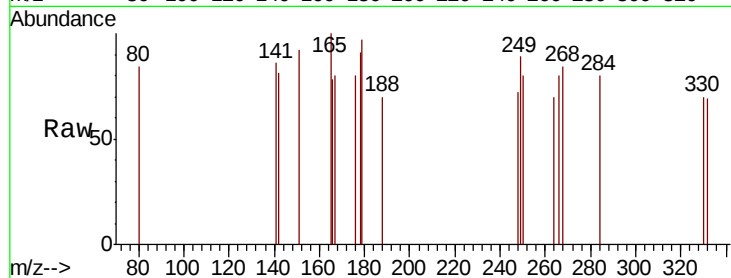




#22  
 Pentachlorophenol  
 Concen: 0.147 ng  
 RT: 16.56 min Scan# 1524  
 Delta R.T. 0.02 min  
 Lab File: BN009380.D  
 Acq: 15 Jan 2020 15:56

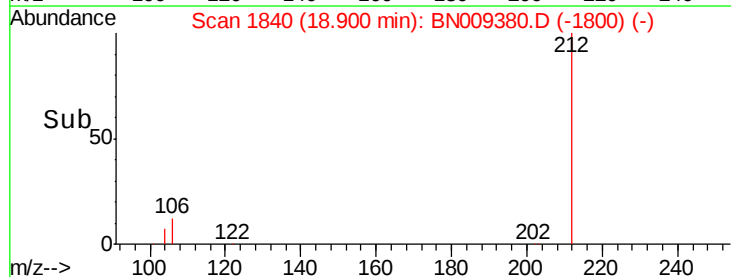
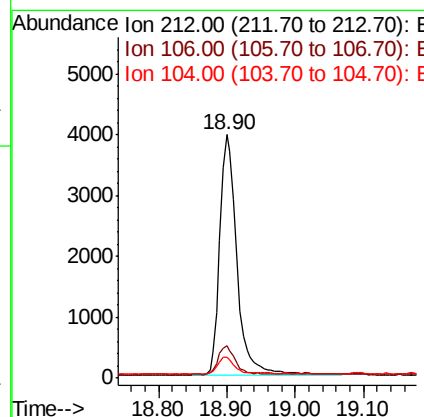
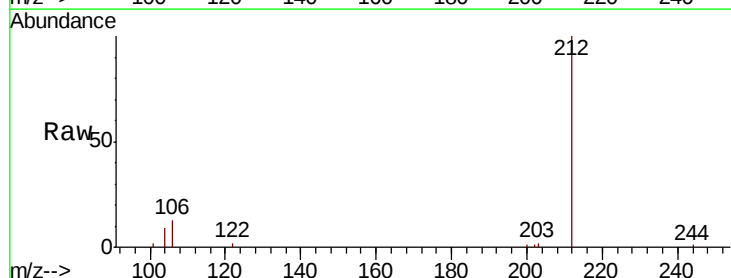
Instrument :  
 BNA\_N  
 ClientSampleId :

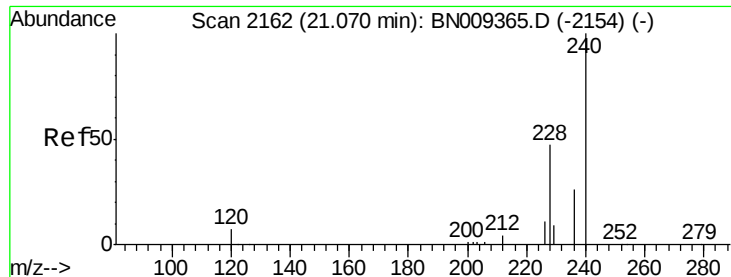
Tot Ion:266 Resp: 3  
 Ion Ratio Lower Upper  
 266 100  
 264 88.2 57.8 86.6#  
 268 105.9 63.8 95.6#



#25  
 Fluoranthene-d10  
 Concen: 0.281 ng  
 RT: 18.90 min Scan# 1840  
 Delta R.T. -0.00 min  
 Lab File: BN009380.D  
 Acq: 15 Jan 2020 15:56

Tgt Ion:212 Resp: 6978  
 Ion Ratio Lower Upper  
 212 100  
 106 11.8 9.2 13.8  
 104 6.6 5.4 8.0

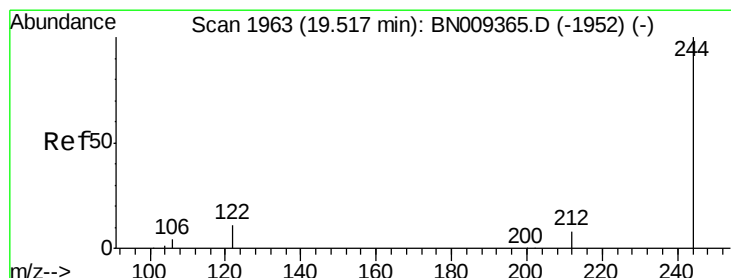
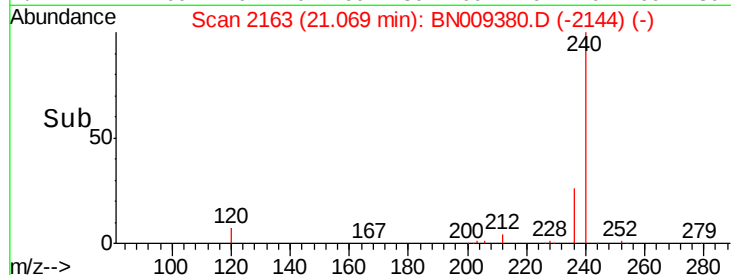
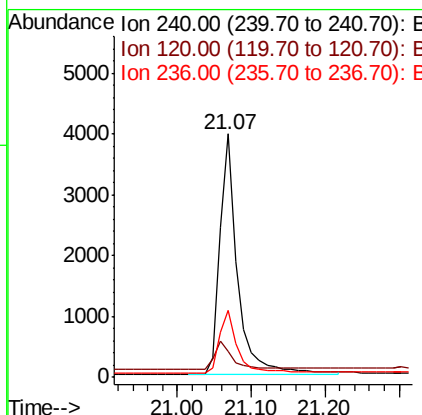
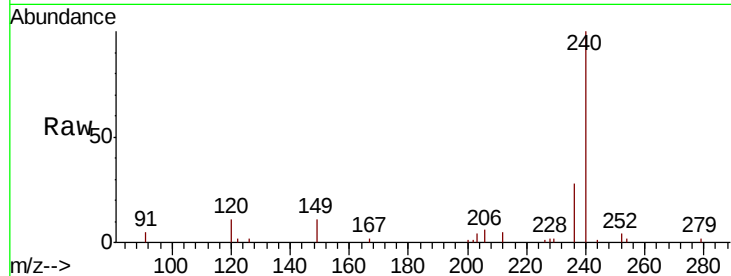




#27  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.07 min Scan# 2163  
 Delta R.T. -0.00 min  
 Lab File: BN009380.D  
 Acq: 15 Jan 2020 15:56

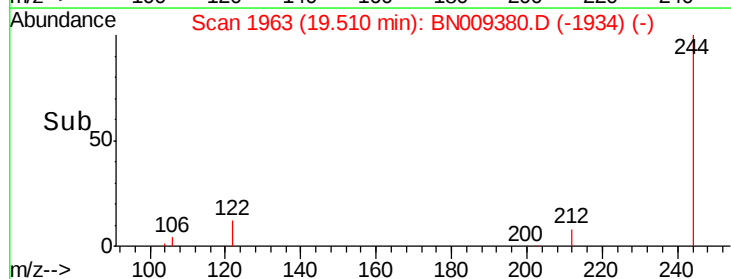
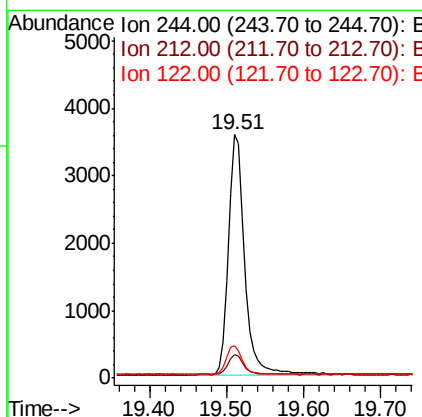
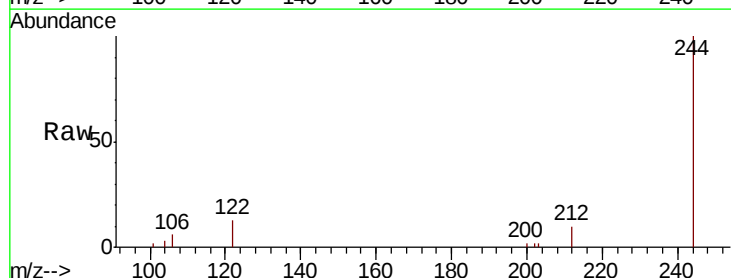
Instrument :  
 BNA\_N  
 ClientSampleId :

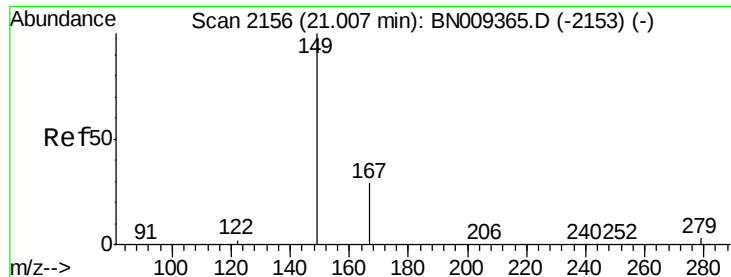
Tot Ion:240 Resp: 6688  
 Ion Ratio Lower Upper  
 240 100  
 120 10.7 8.1 12.1  
 236 27.6 22.2 33.4



#29  
 Terphenyl-d14  
 Concen: 0.331 ng  
 RT: 19.51 min Scan# 1963  
 Delta R.T. -0.01 min  
 Lab File: BN009380.D  
 Acq: 15 Jan 2020 15:56

Tgt Ion:244 Resp: 5239  
 Ion Ratio Lower Upper  
 244 100  
 212 9.7 7.5 11.3  
 122 13.2 9.8 14.6

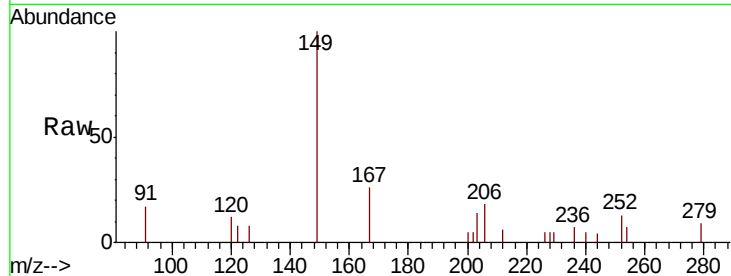




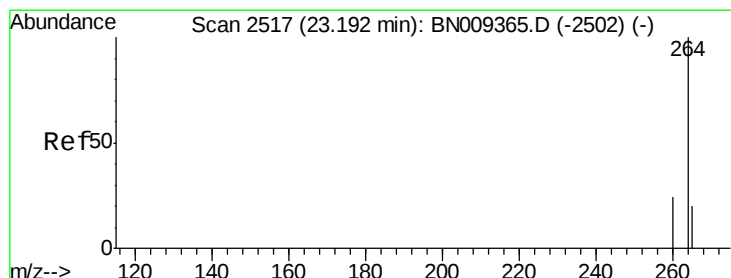
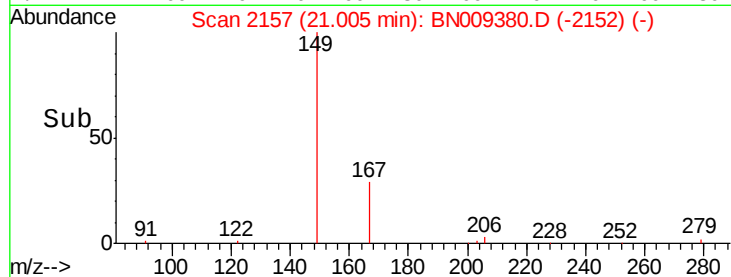
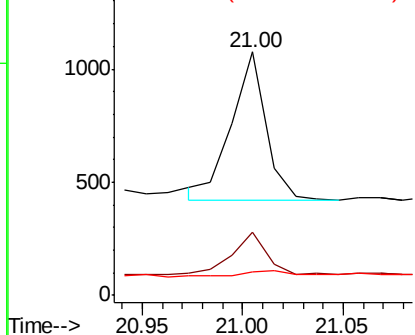
#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.080 ng  
 RT: 21.00 min Scan# 2157  
 Delta R.T. -0.00 min  
 Lab File: BN009380.D  
 Acq: 15 Jan 2020 15:56

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:149 Resp: 782  
 Ion Ratio Lower Upper  
 149 100  
 167 26.5 22.9 34.3  
 279 4.9 3.4 5.0

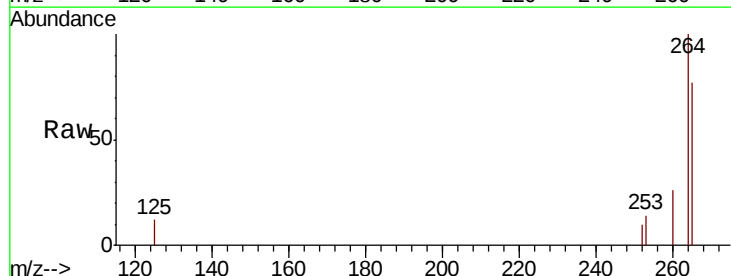


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.19 min Scan# 2517  
 Delta R.T. -0.01 min  
 Lab File: BN009380.D  
 Acq: 15 Jan 2020 15:56

Tgt Ion:264 Resp: 6895  
 Ion Ratio Lower Upper  
 264 100  
 260 25.7 20.1 30.1  
 265 77.2 68.2 102.4



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

