

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042120\  
 Data File : BN010568.D  
 Acq On : 21 Apr 2020 16:09  
 Operator : CG/JU  
 Sample : L2338-09  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-FB01-20200414

Quant Time: Apr 21 17:00:30 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 21 13:19:17 2020  
 Response via : Initial Calibration

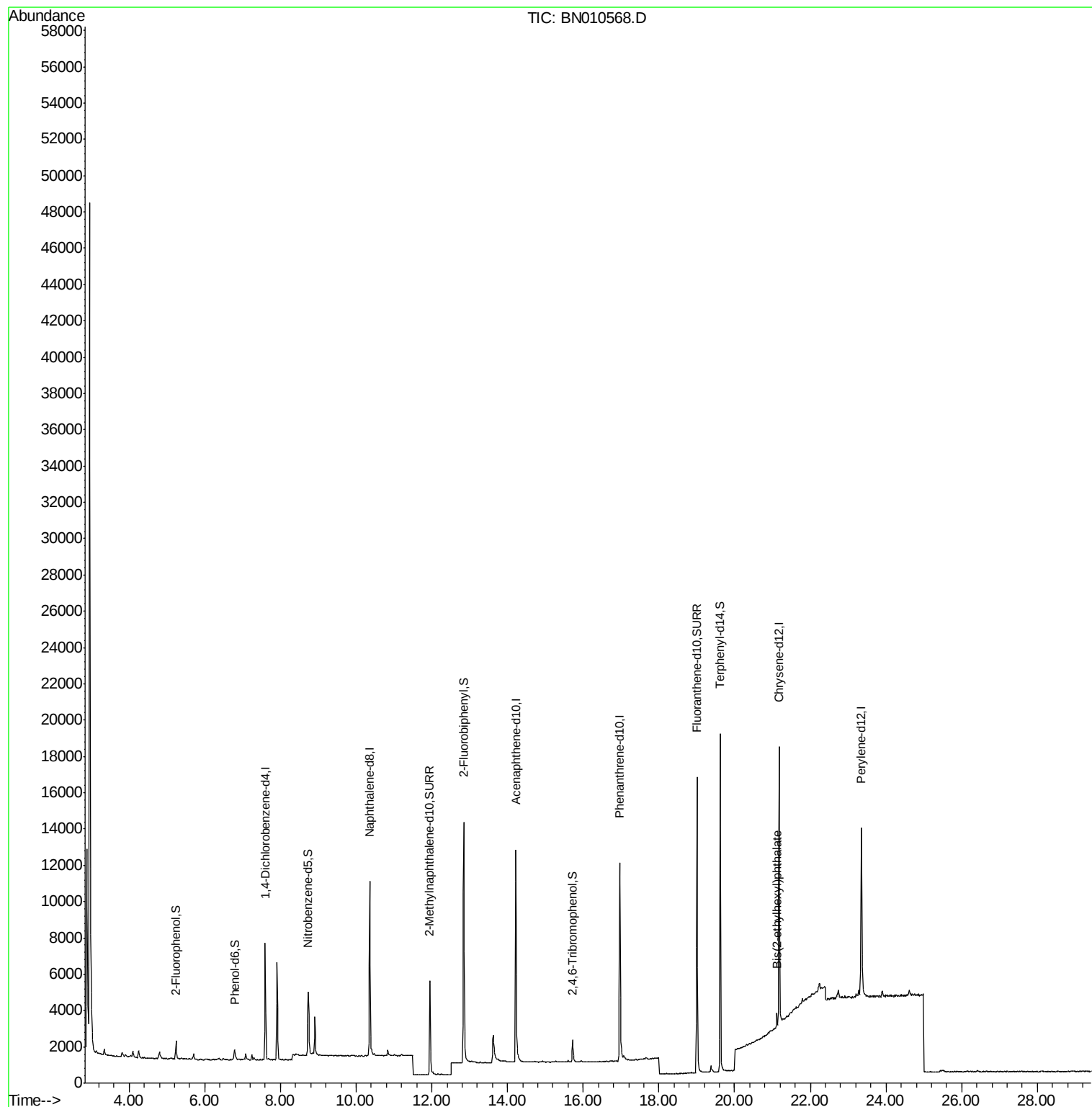
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.60  | 152  | 3303     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.35 | 136  | 13400    | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.22 | 164  | 8256     | 0.40  | ng    | 0.01     |
| 19) Phenanthrene-d10           | 16.96 | 188  | 18031    | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.17 | 240  | 14974    | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 23.35 | 264  | 13486    | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.24  | 112  | 1071     | 0.15  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.79  | 99   | 769      | 0.08  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.73  | 82   | 3611     | 0.39  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 11.95 | 152  | 7988     | 0.36  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.72 | 330  | 1166     | 0.30  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 12.84 | 172  | 13594    | 0.45  | ng    | 0.00     |
| 25) Fluoranthene-d10           | 19.00 | 212  | 20184    | 0.37  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.62 | 244  | 20482    | 0.60  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.11 | 149  | 703      | 0.028 | ng    | 97       |

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

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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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BP-FB01-20200414

Quant Time: Apr 21 17:00:30 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 21 13:19:17 2020  
Response via : Initial Calibration



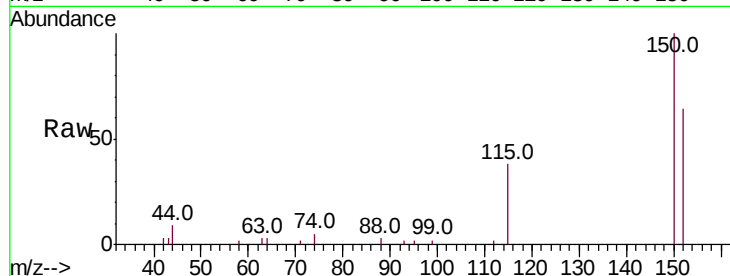


#1

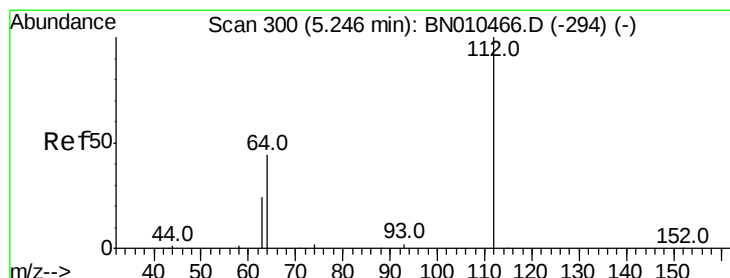
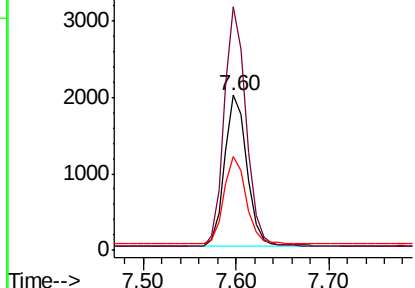
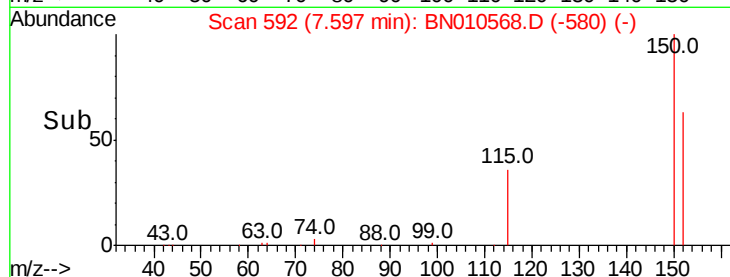
1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.60 min Scan# 592  
 Delta R.T. 0.00 min  
 Lab File: BN010568.D  
 Acq: 21 Apr 2020 16:09

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-FB01-20200414

Tot Ion:152 Resp: 3303  
 Ion Ratio Lower Upper  
 152 100  
 150 157.3 121.8 182.6  
 115 60.3 45.5 68.3



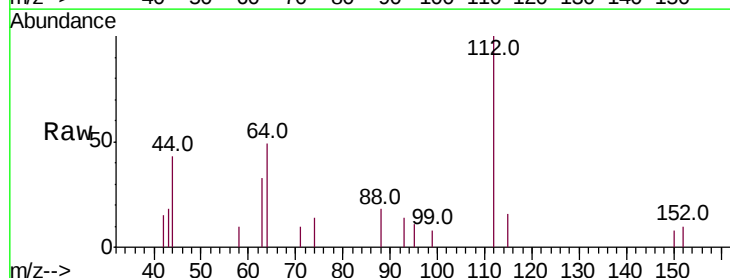
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



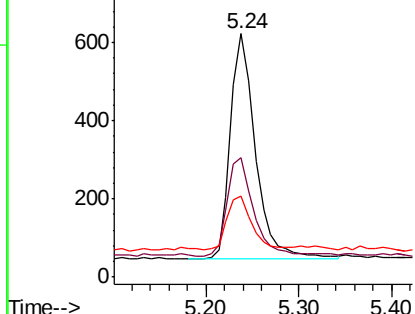
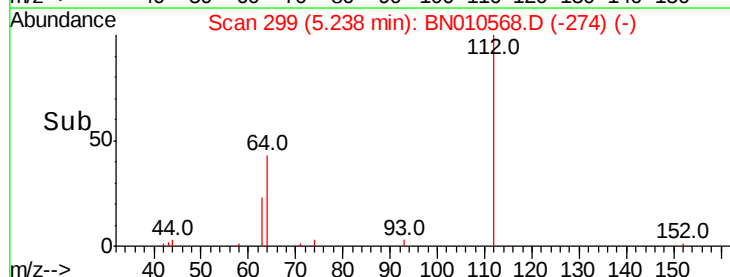
#4

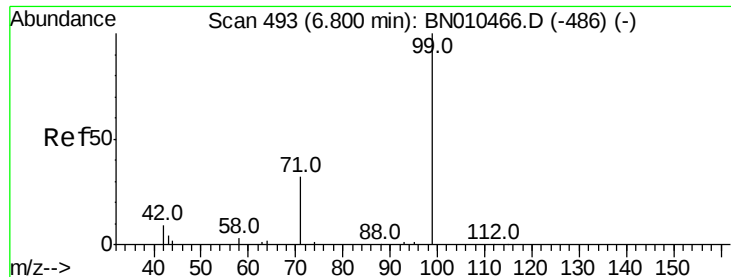
2-Fluorophenol  
 Concen: 0.148 ng  
 RT: 5.24 min Scan# 299  
 Delta R.T. 0.00 min  
 Lab File: BN010568.D  
 Acq: 21 Apr 2020 16:09

Tgt Ion:112 Resp: 1071  
 Ion Ratio Lower Upper  
 112 100  
 64 45.1 35.8 53.8  
 63 24.7 19.9 29.9



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: 0.081 ng

RT: 6.79 min Scan# 492

Delta R.T. 0.01 min

Lab File: BN010568.D

Acq: 21 Apr 2020 16:09

Instrument :

BNA\_N

ClientSampleId :

BP-FB01-20200414

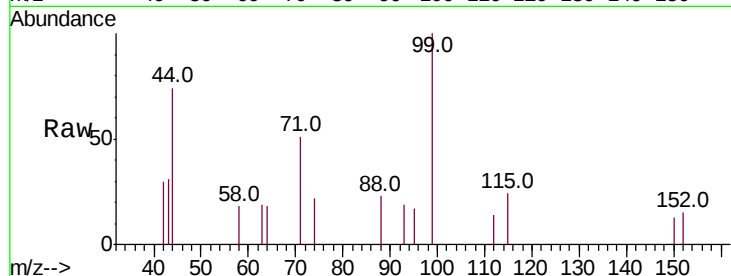
Tot Ion: 99 Resp: 769

Ion Ratio Lower Upper

99 100

42 15.7 9.8 14.6#

71 49.7 27.8 41.8#

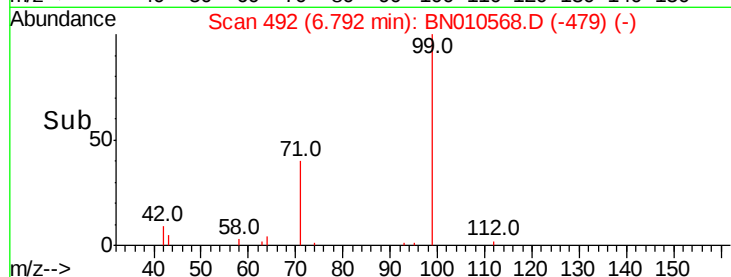


Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)

Time-->



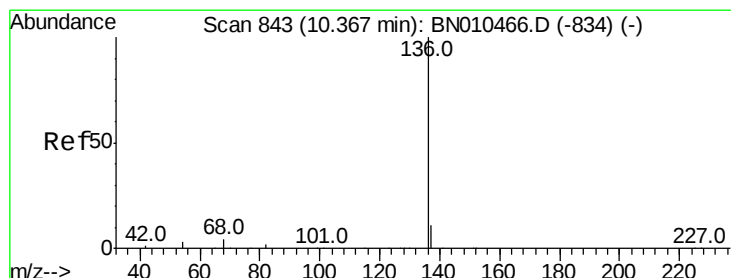
Abundance

Ion 99.00 (98.70 to 99.70): BN010568.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010568.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010568.D (-479) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010568.D

Acq: 21 Apr 2020 16:09

Tgt Ion: 136 Resp: 13400

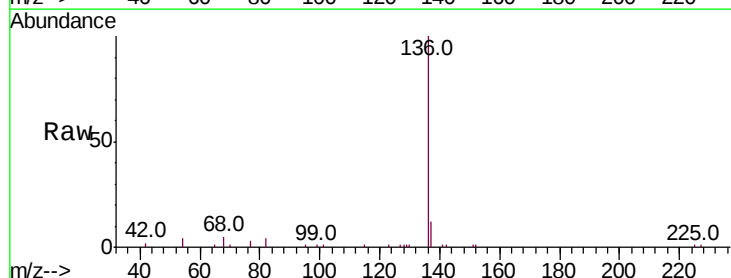
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 3.9 2.6 4.0

68 4.9 3.4 5.2



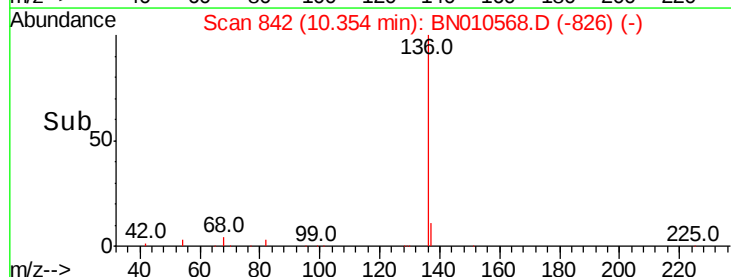
Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)

Time-->



Abundance

Ion 136.00 (135.70 to 136.70): BN010568.D (-826) (-)

Ion 137.00 (136.70 to 137.70): BN010568.D (-826) (-)

Ion 54.00 (53.70 to 54.70): BN010568.D (-826) (-)

Ion 68.00 (67.70 to 68.70): BN010568.D (-826) (-)

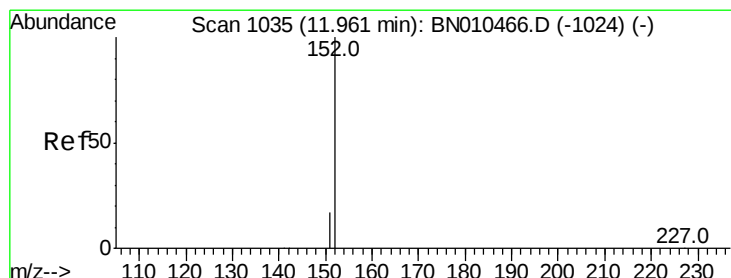
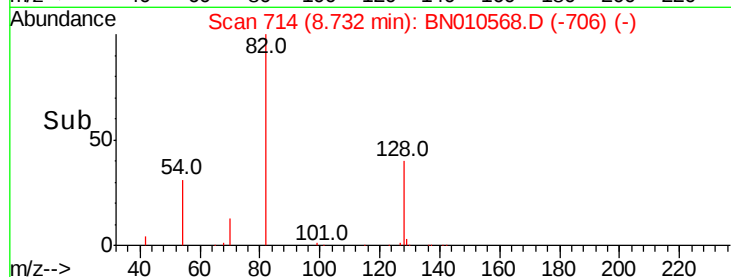
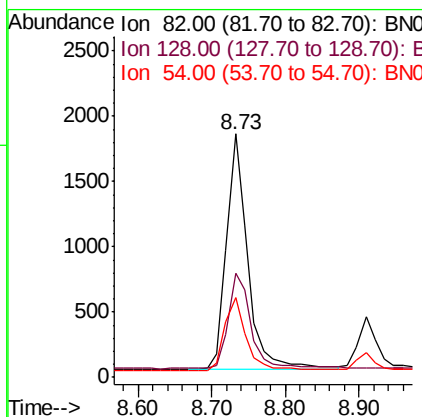
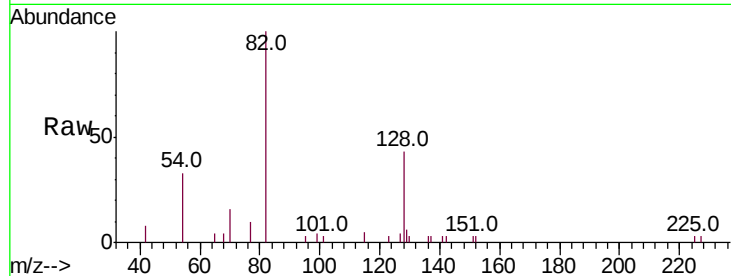
Time-->



#8  
 Nitrobenzene-d5  
 Concen: 0.385 ng  
 RT: 8.73 min Scan# 714  
 Delta R.T. 0.00 min  
 Lab File: BN010568.D  
 Acq: 21 Apr 2020 16:09

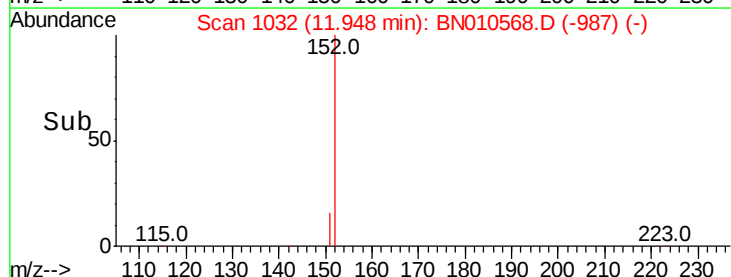
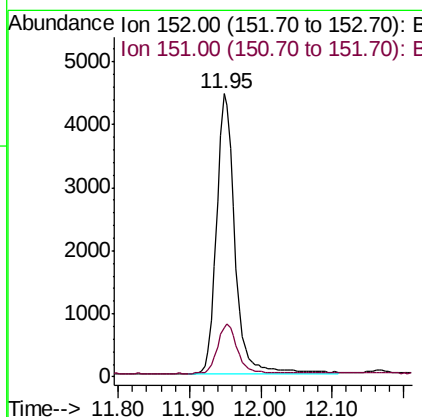
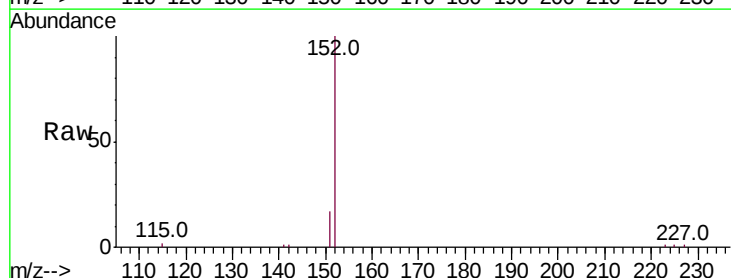
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-FB01-20200414

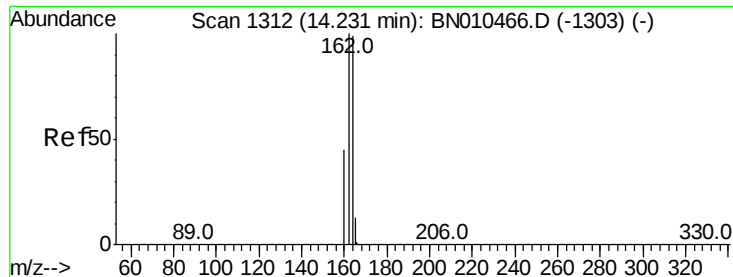
| Tot Ion   | 82    | Resp  | 3611 |
|-----------|-------|-------|------|
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 42.6  | 41.3  | 61.9 |
| 54        | 32.9  | 23.4  | 35.0 |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.363 ng  
 RT: 11.95 min Scan# 1032  
 Delta R.T. 0.00 min  
 Lab File: BN010568.D  
 Acq: 21 Apr 2020 16:09

| Tgt Ion   | 152   | Resp  | 7988 |
|-----------|-------|-------|------|
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 19.4  | 15.3  | 22.9 |





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BN010568.D

Acq: 21 Apr 2020 16:09

Instrument :

BNA\_N

ClientSampleId :

BP-FB01-20200414

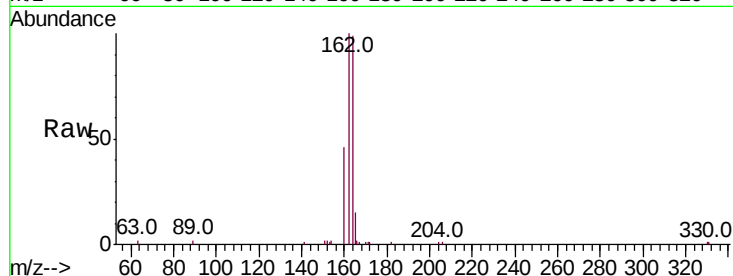
Tot Ion:164 Resp: 8256

Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

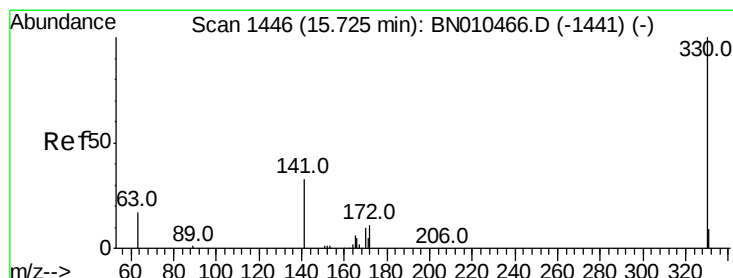
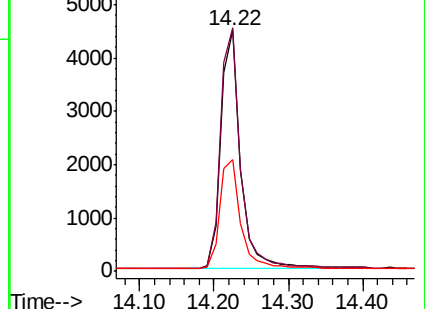
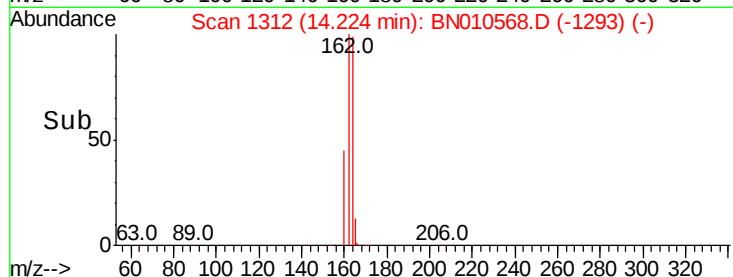
160 46.5 36.5 54.7



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: 0.300 ng

RT: 15.72 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BN010568.D

Acq: 21 Apr 2020 16:09

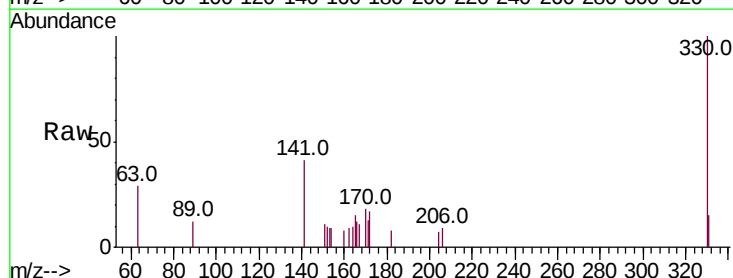
Tgt Ion:330 Resp: 1166

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

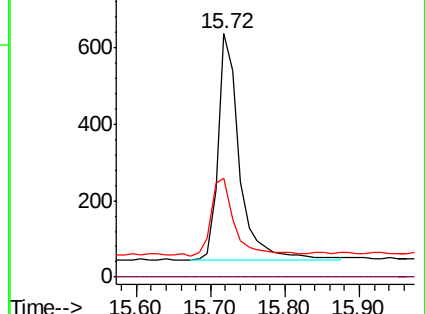
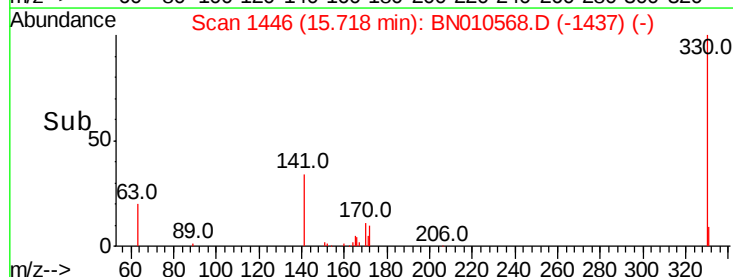
141 35.9 28.1 42.1

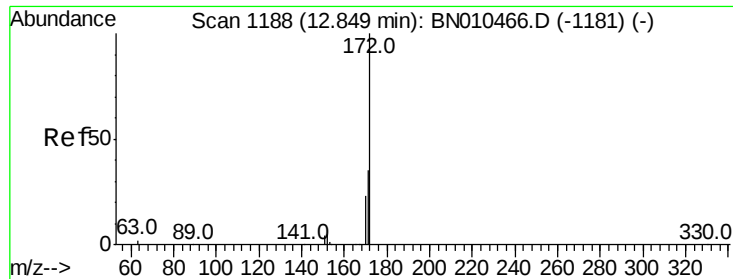


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

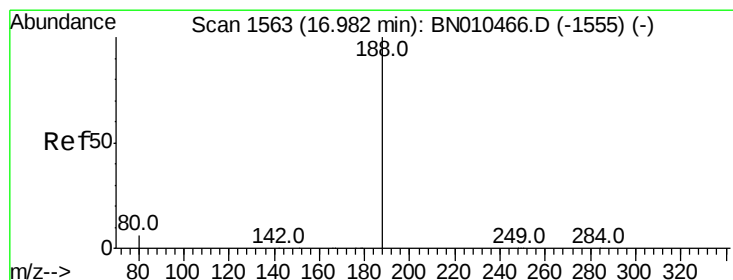
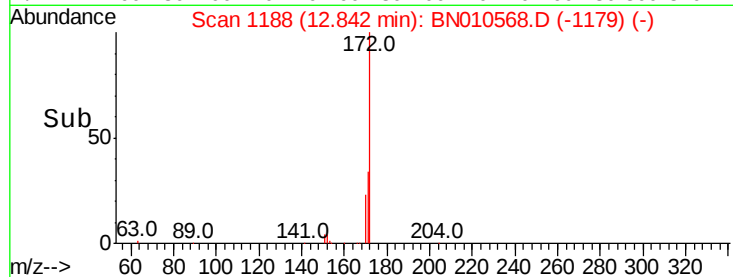
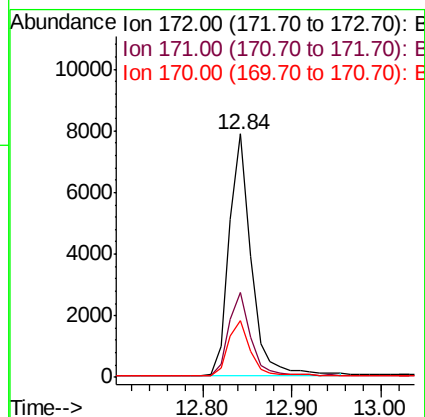
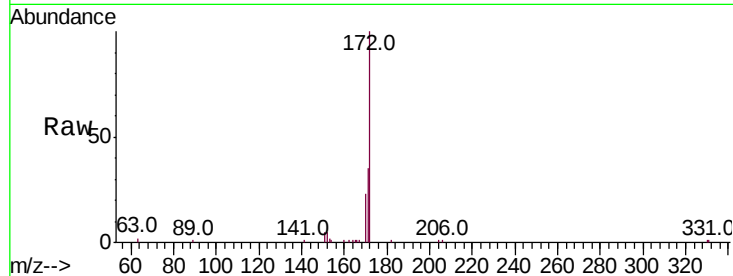




#15  
2-Fluorobiphenyl  
Concen: 0.452 ng  
RT: 12.84 min Scan# 1188  
Delta R.T. 0.00 min  
Lab File: BN010568.D  
Acq: 21 Apr 2020 16:09

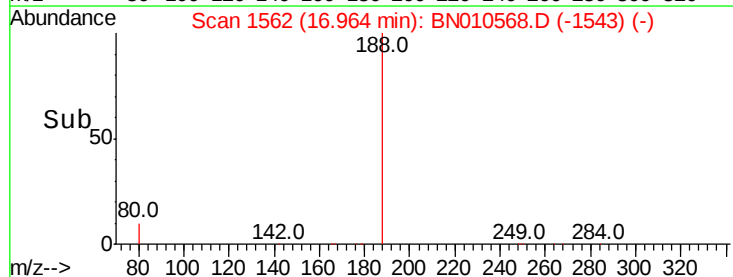
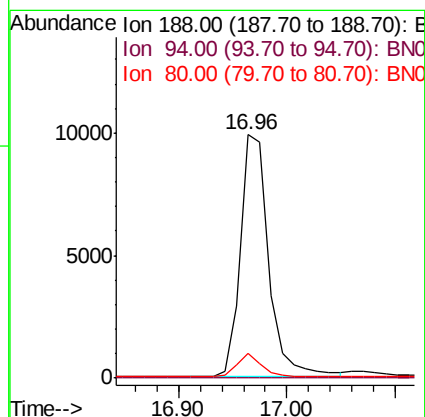
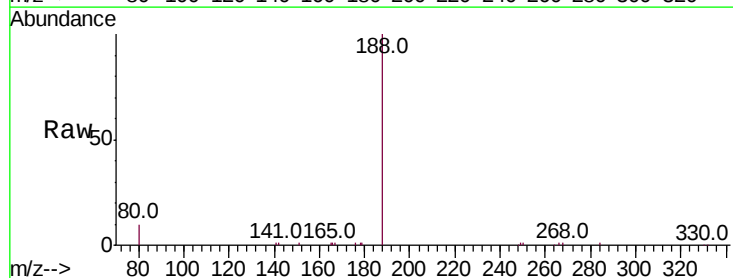
Instrument :  
BNA\_N  
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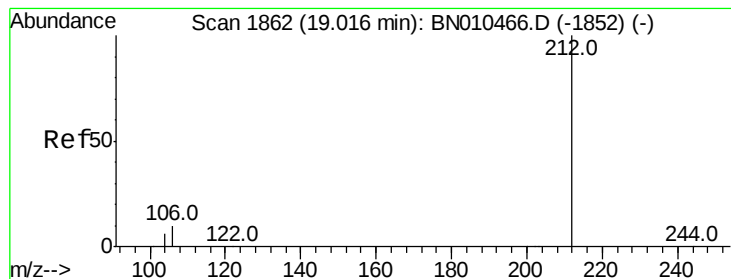
Tot Ion:172 Resp: 13594  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.2 42.2  
170 23.1 18.4 27.6



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.96 min Scan# 1562  
Delta R.T. 0.00 min  
Lab File: BN010568.D  
Acq: 21 Apr 2020 16:09

Tgt Ion:188 Resp: 18031  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.1 5.0 7.6#





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.00 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BN010568.D

Acq: 21 Apr 2020 16:09

Instrument :

BNA\_N

ClientSampleId :

BP-FB01-20200414

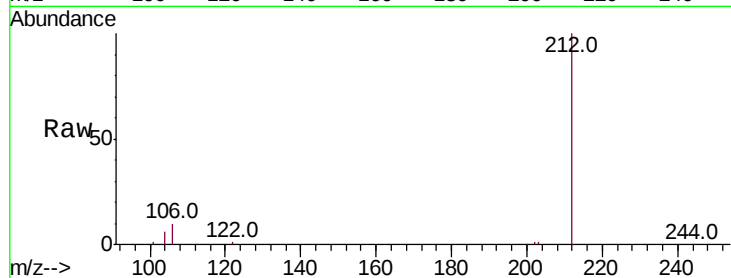
Tot Ion:212 Resp: 20184

Ion Ratio Lower Upper

212 100

106 9.9 7.8 11.6

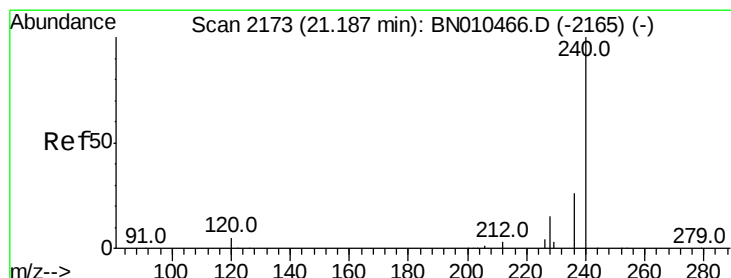
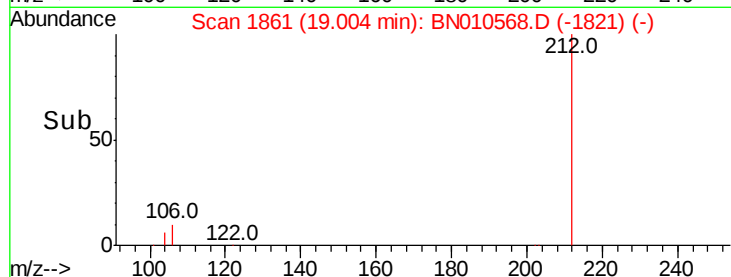
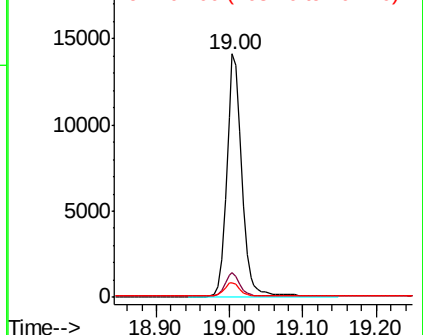
104 5.9 4.5 6.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010568.D

Acq: 21 Apr 2020 16:09

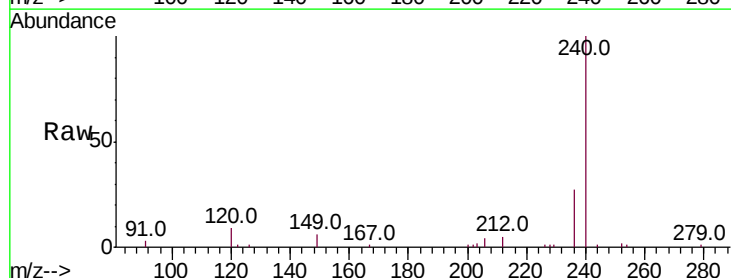
Tgt Ion:240 Resp: 14974

Ion Ratio Lower Upper

240 100

120 8.5 4.8 7.2#

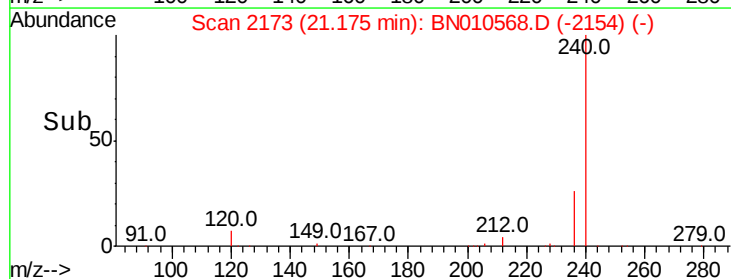
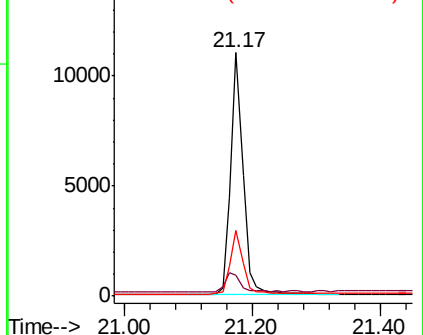
236 26.8 21.4 32.0

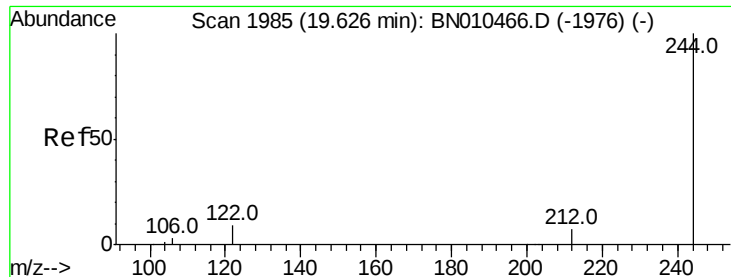


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.598 ng

RT: 19.62 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BN010568.D

Acq: 21 Apr 2020 16:09

Instrument :

BNA\_N

ClientSampleId :

BP-FB01-20200414

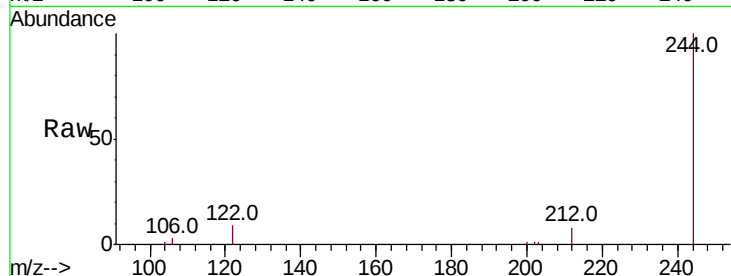
Tot Ion:244 Resp: 20482

Ion Ratio Lower Upper

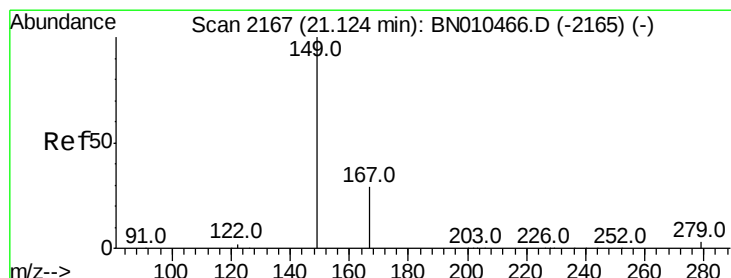
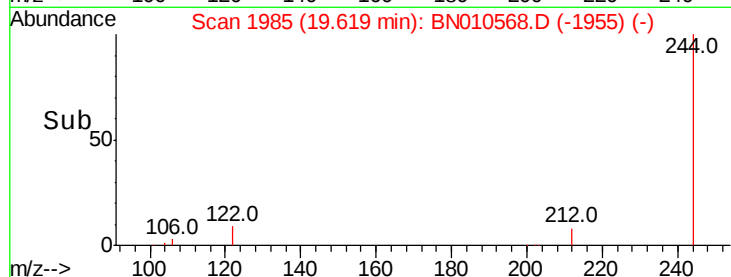
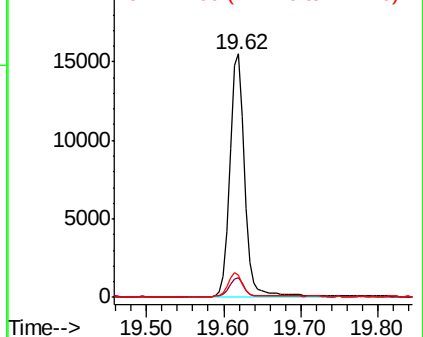
244 100

212 7.9 6.2 9.4

122 9.0 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.028 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010568.D

Acq: 21 Apr 2020 16:09

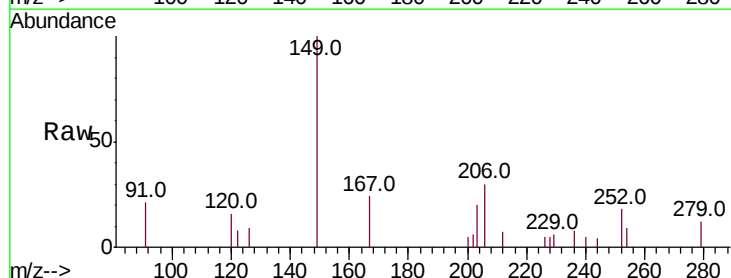
Tgt Ion:149 Resp: 703

Ion Ratio Lower Upper

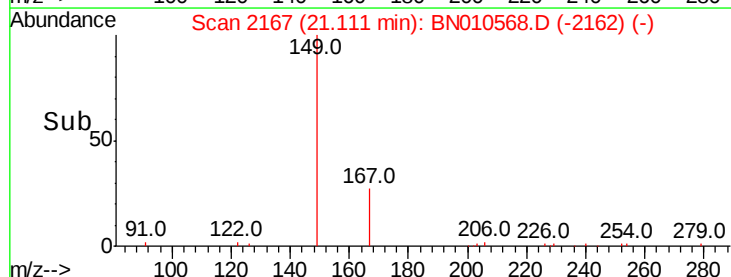
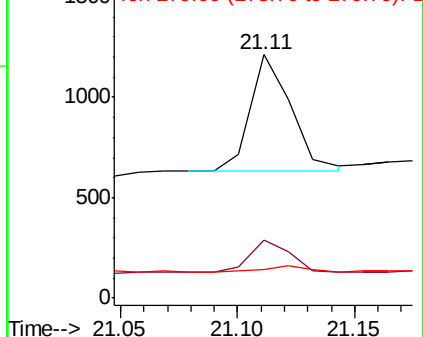
149 100

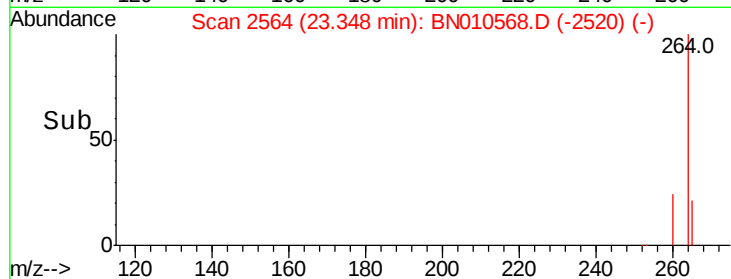
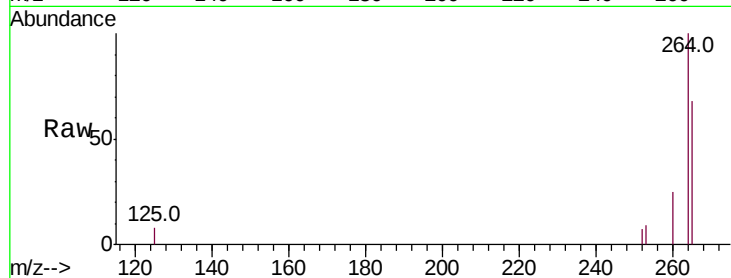
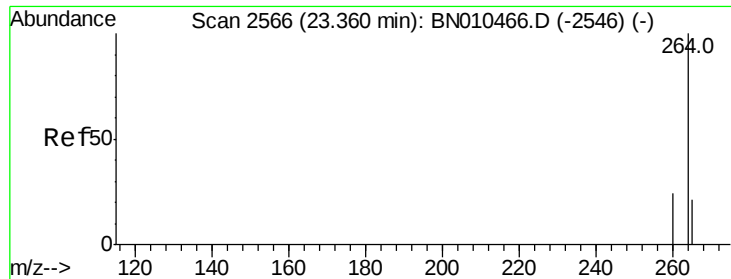
167 27.9 23.4 35.0

279 6.0 4.0 6.0



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

Pervlene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BN010568.D

Acq: 21 Apr 2020 16:09

Instrument :

BNA\_N

ClientSampleId :

BP-FB01-20200414

Tot Ion:264 Resp: 13486

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.8

265 67.7 42.3 63.5#

