

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090619\  
 Data File : BN007550.D  
 Acq On : 06 Sep 2019 20:12  
 Operator : HP/JU  
 Sample : PB122863BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 07 00:03:14 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 29 12:18:45 2019  
 Response via : Initial Calibration

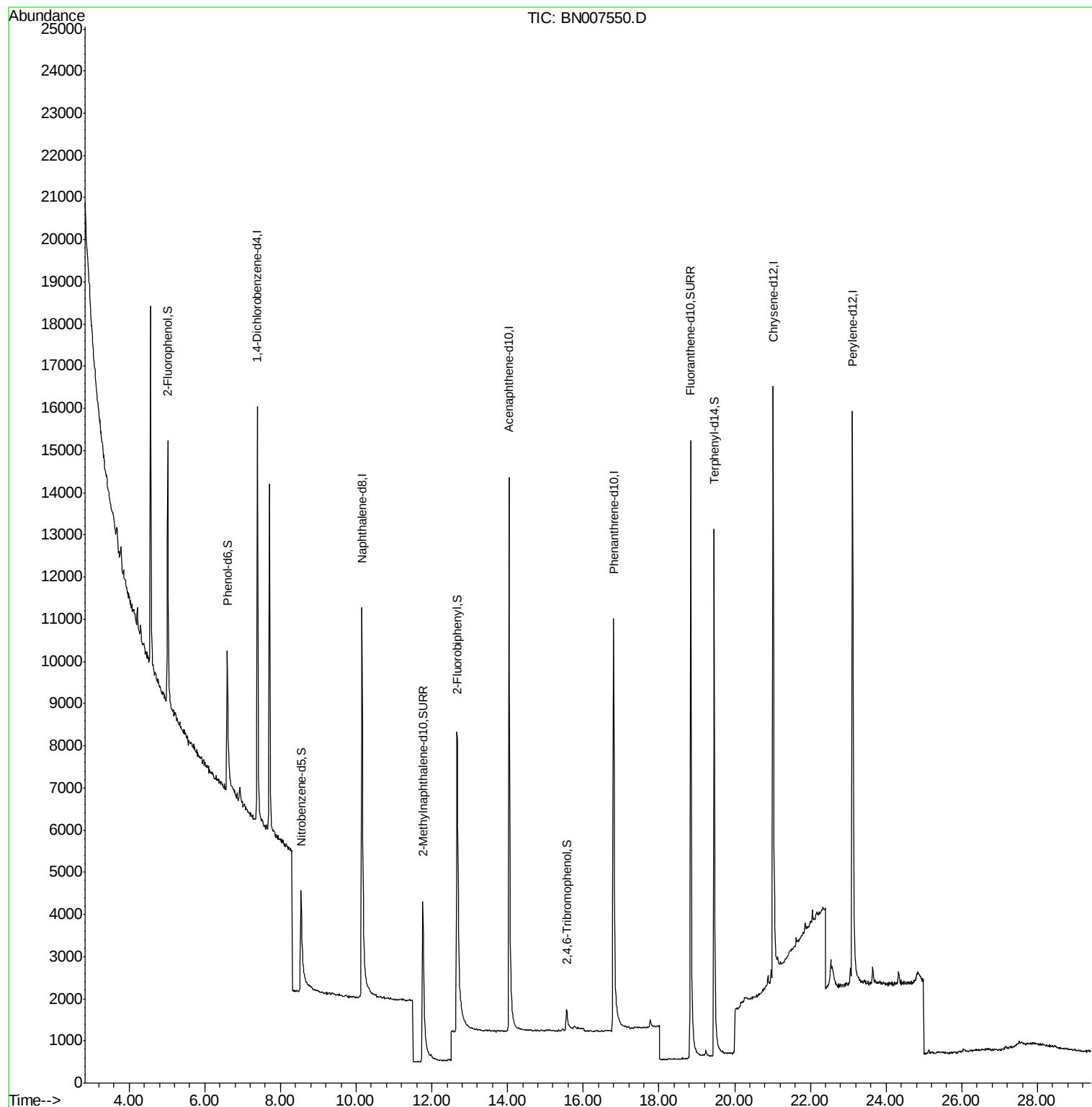
| Internal Standards             | R.T.  | QIon | Response | Conc      | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|-----------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.39  | 152  | 5581     | 0.40      | ng    | -0.02     |
| 7) Naphthalene-d8              | 10.15 | 136  | 20583    | 0.40      | ng    | -0.01     |
| 13) Acenaphthene-d10           | 14.04 | 164  | 10983    | 0.40      | ng    | -0.01     |
| 19) Phenanthrene-d10           | 16.80 | 188  | 22964    | 0.40      | ng    | 0.00      |
| 27) Chrysene-d12               | 21.02 | 240  | 20138    | 0.40      | ng    | 0.00      |
| 34) Perylene-d12               | 23.11 | 264  | 23083    | 0.40      | ng    | -0.01     |
| System Monitoring Compounds    |       |      |          |           |       |           |
| 4) 2-Fluorophenol              | 5.02  | 112  | 5821     | 0.29      | ng    | -0.02     |
| 5) Phenol-d6                   | 6.59  | 99   | 6276     | 0.24      | ng    | 0.00      |
| 8) Nitrobenzene-d5             | 8.54  | 82   | 4817     | 0.27      | ng    | 0.01      |
| 11) 2-Methylnaphthalene-d10    | 11.76 | 152  | 11052    | 0.32      | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol       | 15.56 | 330  | 943      | 0.16      | ng    | 0.00      |
| 15) 2-Fluorobiphenyl           | 12.67 | 172  | 13093    | 0.30      | ng    | 0.01      |
| 25) Fluoranthene-d10           | 18.84 | 212  | 24093    | 0.33      | ng    | 0.00      |
| 29) Terphenyl-d14              | 19.46 | 244  | 17915    | 0.34      | ng    | 0.00      |
| Target Compounds               |       |      |          |           |       |           |
| 32) Bis(2-ethylhexyl)phthalate | 20.96 | 149  | 540      | Below Cal |       | Qvalue 92 |

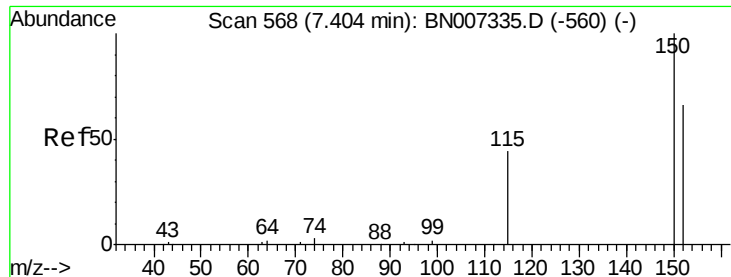
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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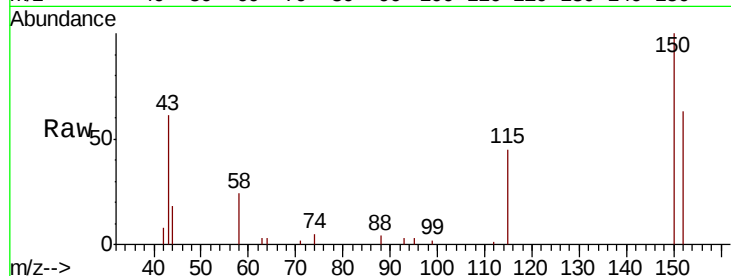


#1

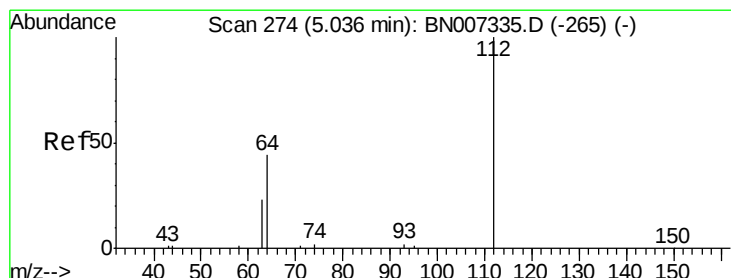
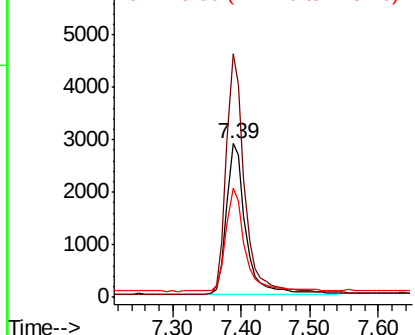
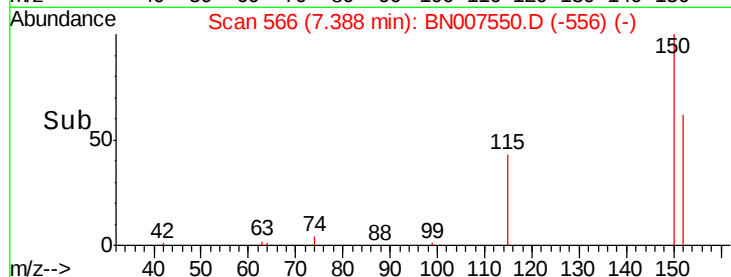
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.39 min Scan# 566  
Delta R.T. -0.02 min  
Lab File: BN007550.D  
Acq: 06 Sep 2019 20:12

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:152 Resp: 5581  
Ion Ratio Lower Upper  
152 100  
150 158.4 109.1 163.7  
115 71.4 59.6 89.4



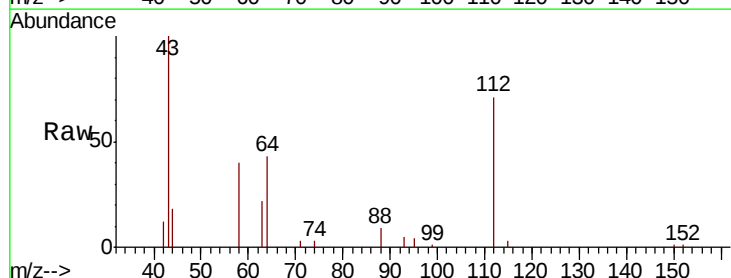
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



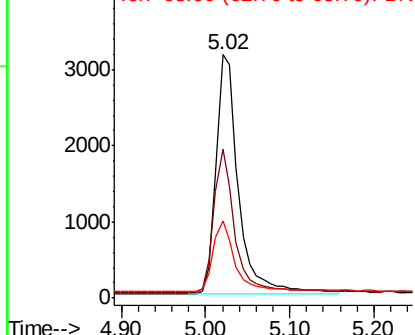
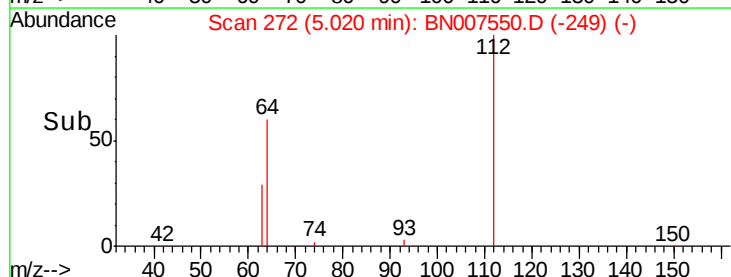
#4

2-Fluorophenol  
Concen: 0.293 ng  
RT: 5.02 min Scan# 272  
Delta R.T. -0.02 min  
Lab File: BN007550.D  
Acq: 06 Sep 2019 20:12

Tgt Ion:112 Resp: 5821  
Ion Ratio Lower Upper  
112 100  
64 57.5 42.3 63.5  
63 28.1 23.6 35.4



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: 0.243 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

Instrument :

BNA\_N

ClientSampleId :

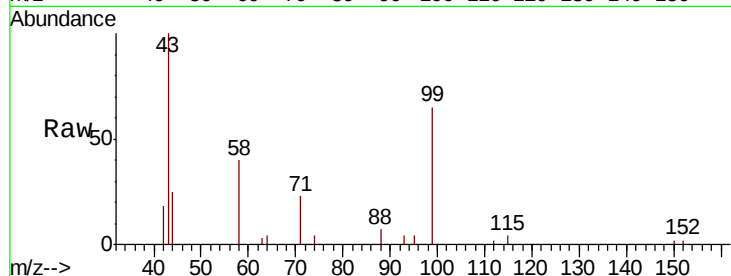
Tot Ion: 99 Resp: 6276

Ion Ratio Lower Upper

99 100

42 10.3 11.2 16.8#

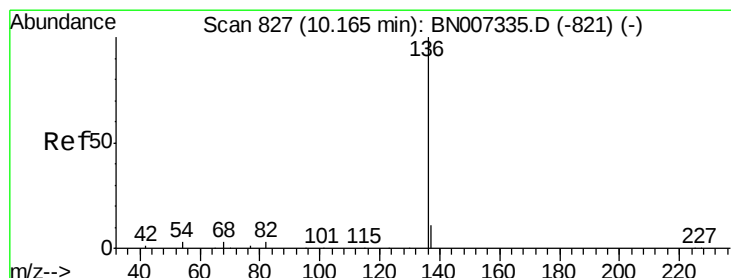
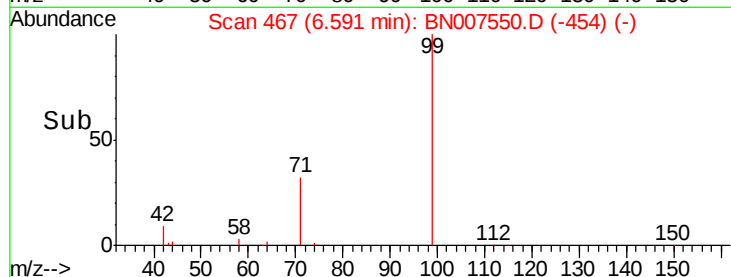
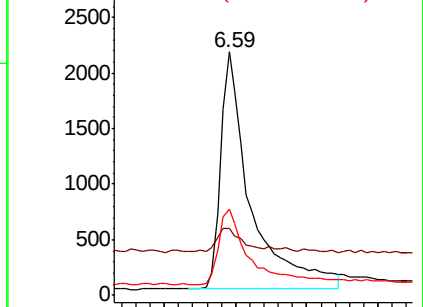
71 33.9 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007550.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007550.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007550.D (-462) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

Tgt Ion: 136 Resp: 20583

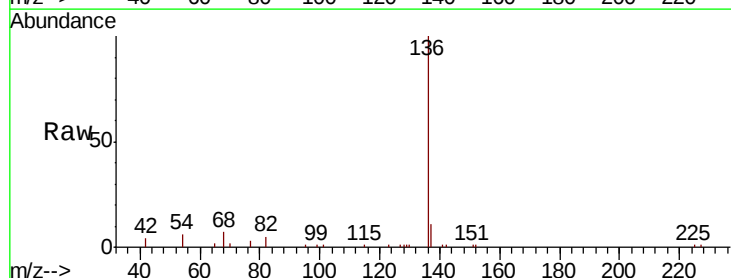
Ion Ratio Lower Upper

136 100

137 11.4 12.9 19.3#

54 5.5 8.6 12.8#

68 7.4 17.0 25.4#

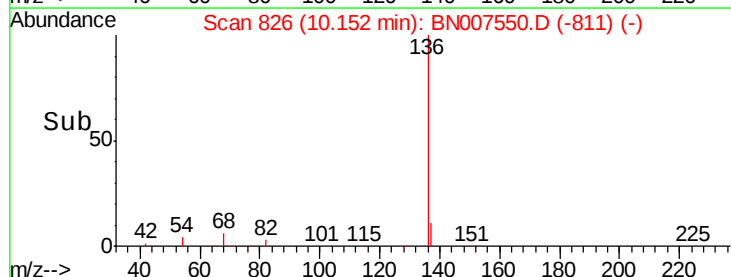
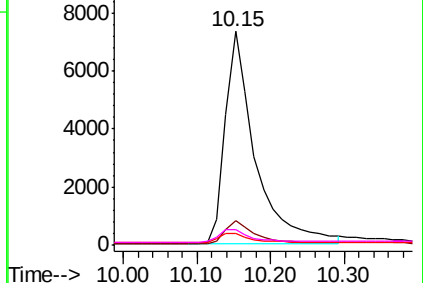


Abundance Ion 136.00 (135.70 to 136.70): BN007550.D (-821) (-)

Ion 137.00 (136.70 to 137.70): BN007550.D (-821) (-)

Ion 54.00 (53.70 to 54.70): BN007550.D (-821) (-)

Ion 68.00 (67.70 to 68.70): BN007550.D (-821) (-)





#8

Nitrobenzene-d5

Concen: 0.269 ng

RT: 8.54 min Scan# 699

Delta R.T. 0.01 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

Instrument :

BNA\_N

ClientSampleId :

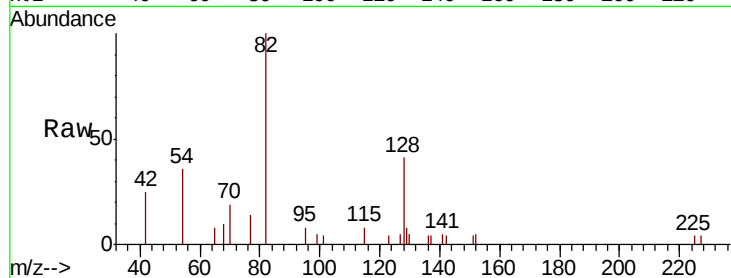
Tot Ion: 82 Resp: 4817

Ion Ratio Lower Upper

82 100

128 40.7 19.7 29.5#

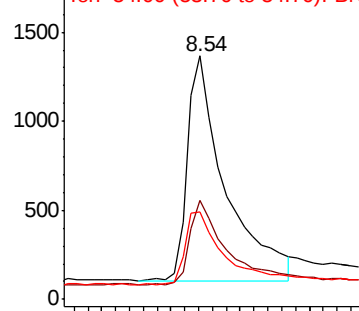
54 35.8 25.8 38.6



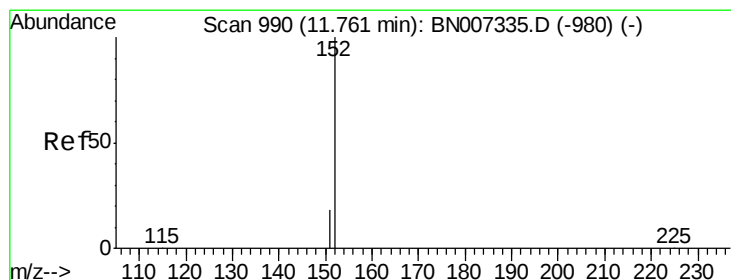
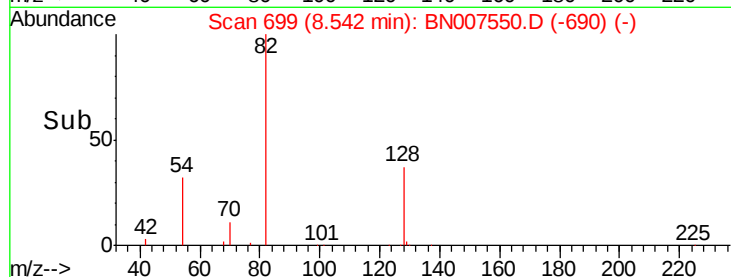
Abundance Ion 82.00 (81.70 to 82.70): BN007550.D (-690) (-)

Ion 128.00 (127.70 to 128.70): BN007550.D (-690) (-)

Ion 54.00 (53.70 to 54.70): BN007550.D (-690) (-)



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.323 ng

RT: 11.76 min Scan# 990

Delta R.T. -0.00 min

Lab File: BN007550.D

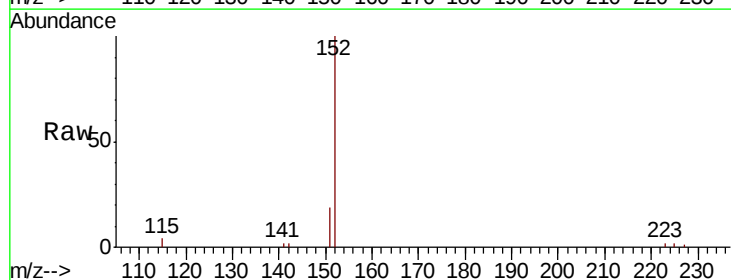
Acq: 06 Sep 2019 20:12

Tgt Ion: 152 Resp: 11052

Ion Ratio Lower Upper

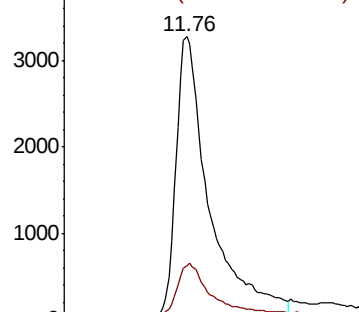
152 100

151 19.1 16.2 24.2

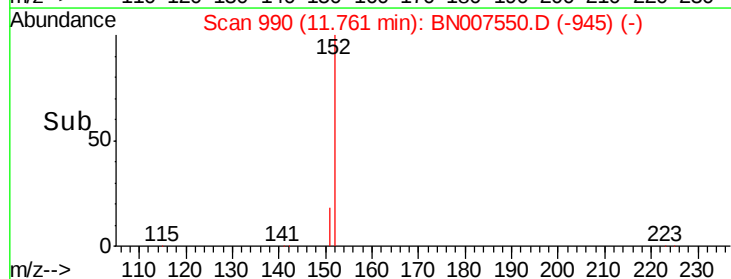


Abundance Ion 152.00 (151.70 to 152.70): BN007550.D (-945) (-)

Ion 151.00 (150.70 to 151.70): BN007550.D (-945) (-)



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

Instrument :

BNA\_N

ClientSampleId :

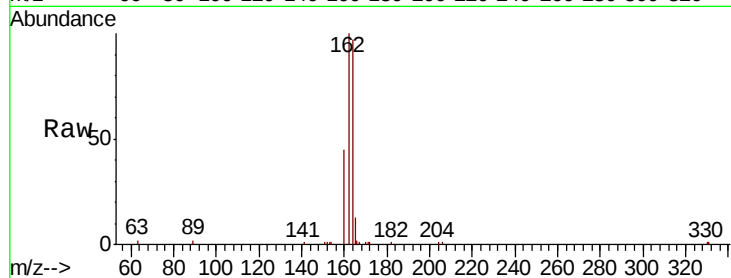
Tot Ion:164 Resp: 10983

Ion Ratio Lower Upper

164 100

162 103.1 83.5 125.3

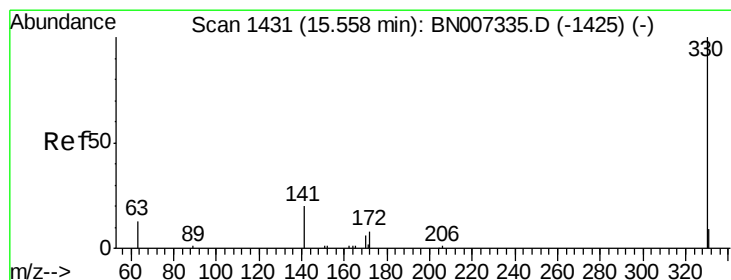
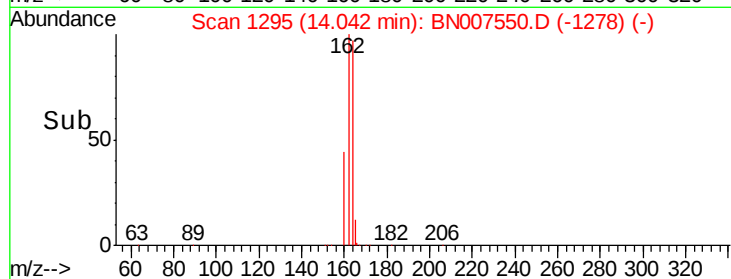
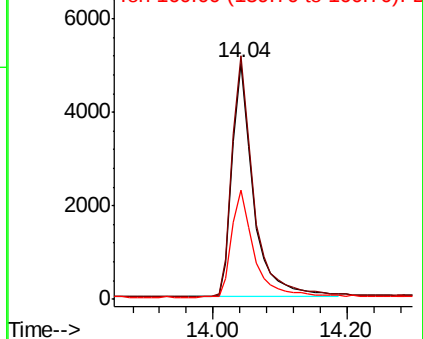
160 46.3 38.2 57.4



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: 0.164 ng

RT: 15.56 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

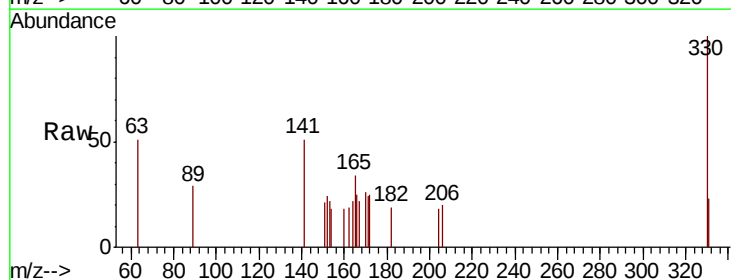
Tgt Ion:330 Resp: 943

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

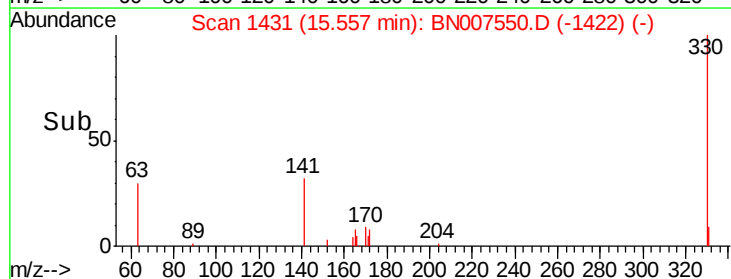
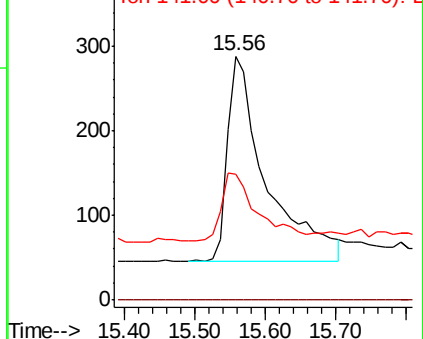
141 30.3 26.9 40.3



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

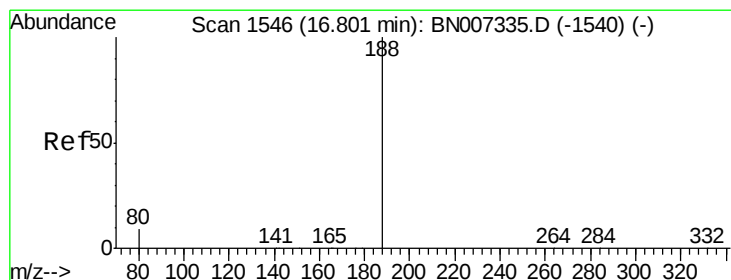
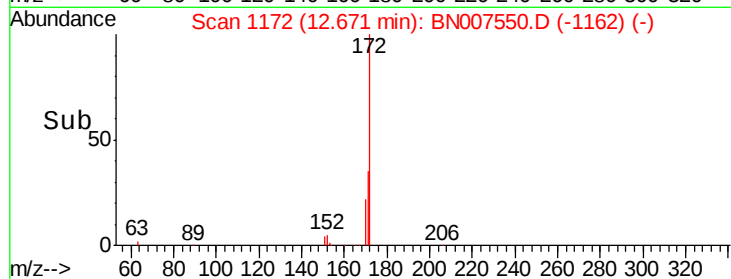
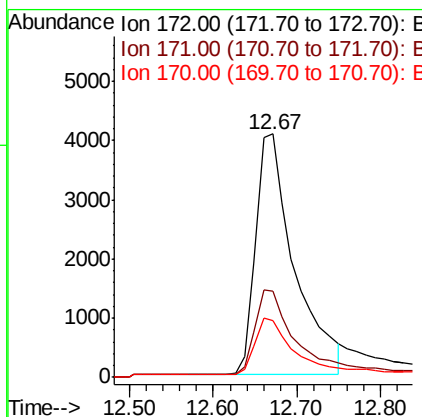
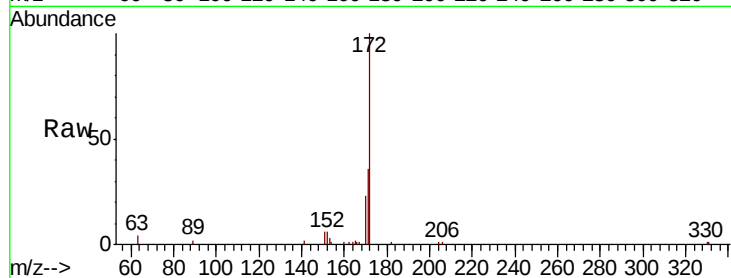




#15  
2-Fluorobiphenyl  
Concen: 0.296 ng  
RT: 12.67 min Scan# 1172  
Delta R.T. 0.01 min  
Lab File: BN007550.D  
Acq: 06 Sep 2019 20:12

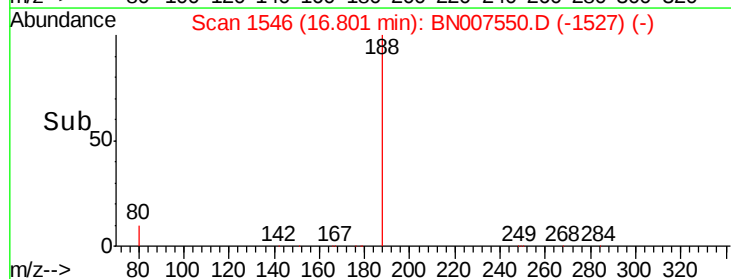
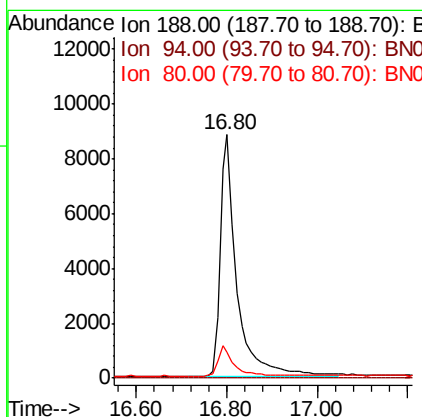
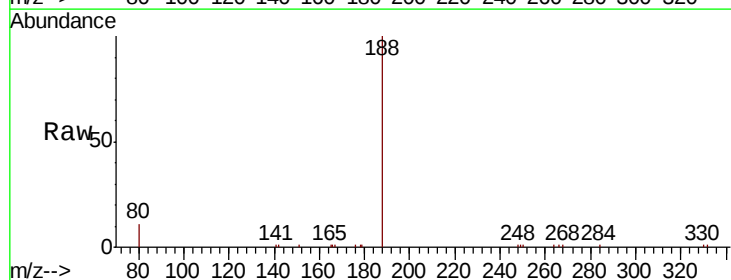
Instrument :  
BNA\_N  
ClientSampled :

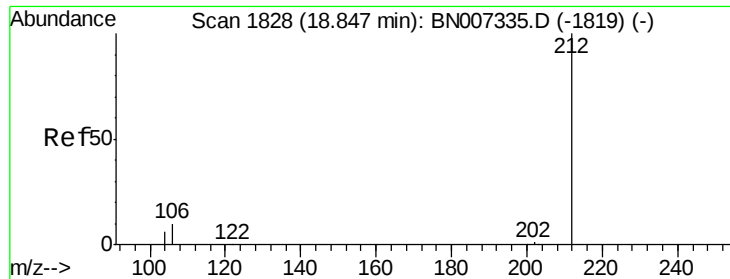
Tot Ion:172 Resp: 13093  
Ion Ratio Lower Upper  
172 100  
171 35.6 30.3 45.5  
170 23.4 20.7 31.1



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.80 min Scan# 1546  
Delta R.T. -0.00 min  
Lab File: BN007550.D  
Acq: 06 Sep 2019 20:12

Tgt Ion:188 Resp: 22964  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.9 11.8 17.8#





#25

Fluoranthene-d10

Concen: 0.326 ng

RT: 18.84 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

Instrument :

BNA\_N

ClientSampleId :

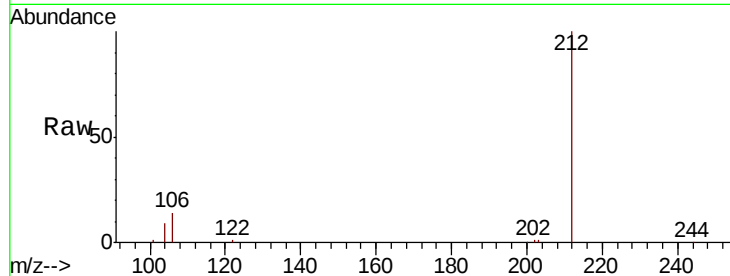
Tot Ion:212 Resp: 24093

Ion Ratio Lower Upper

212 100

106 13.3 9.0 13.4

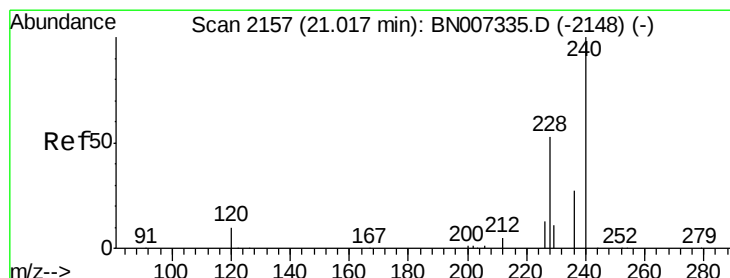
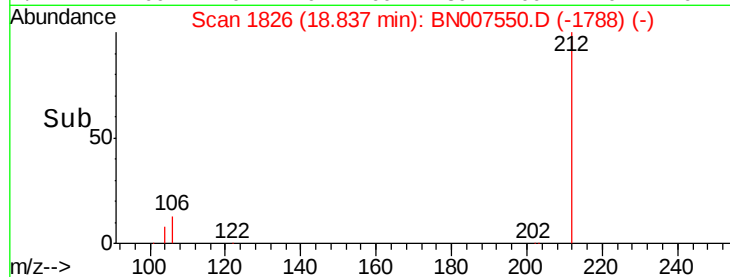
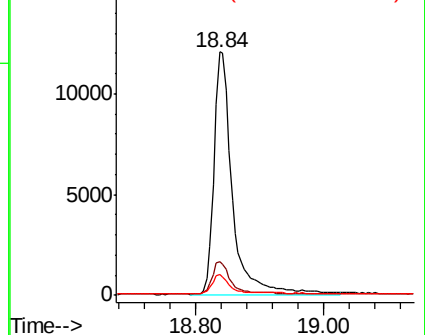
104 7.6 5.4 8.2



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: 21.02 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

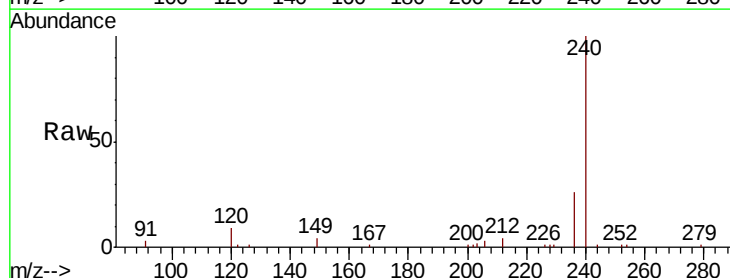
Tgt Ion:240 Resp: 20138

Ion Ratio Lower Upper

240 100

120 9.2 9.6 14.4#

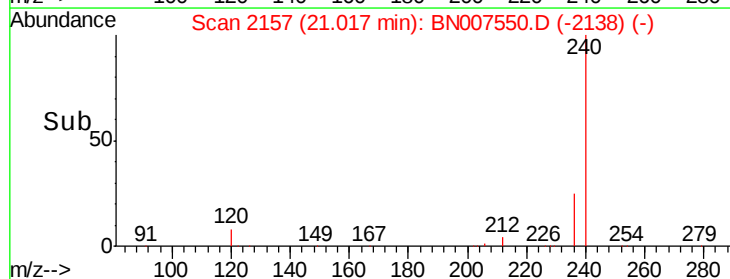
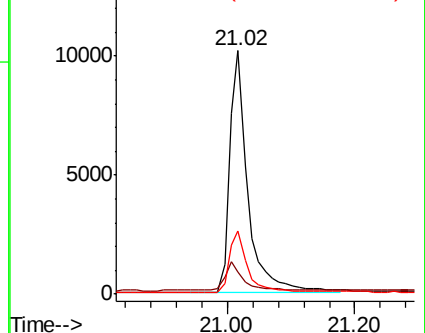
236 25.9 22.2 33.2

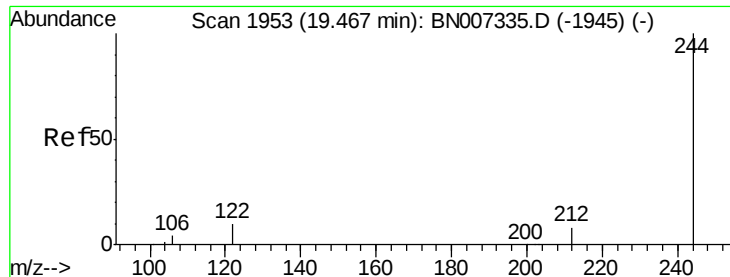


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.340 ng

RT: 19.46 min Scan# 1951

Delta R.T. -0.01 min

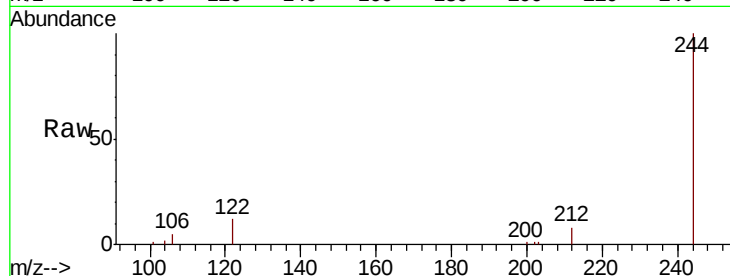
Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

Instrument :

BNA\_N

ClientSampled :



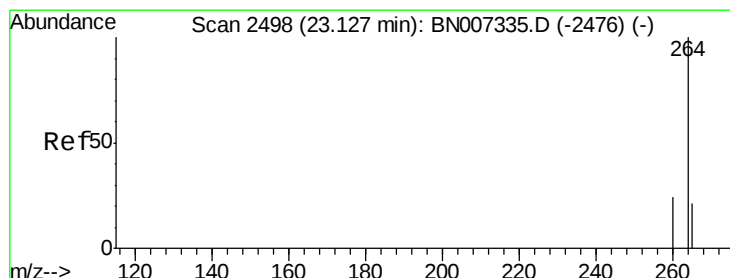
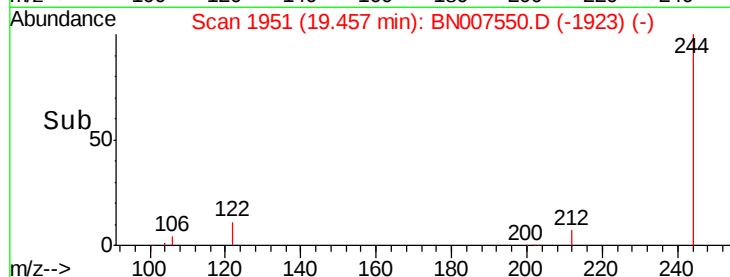
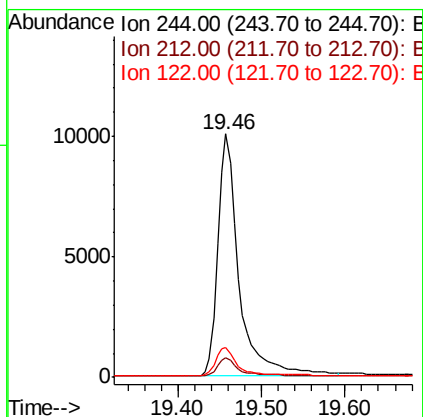
Tot Ion:244 Resp: 17915

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.6

122 12.1 9.6 14.4



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BN007550.D

Acq: 06 Sep 2019 20:12

Tgt Ion:264 Resp: 23083

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 34.5 29.9 44.9

