

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\  
 Data File : BN007587.D  
 Acq On : 11 Sep 2019 14:41  
 Operator : HP/JU  
 Sample : K4697-02  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GW507-K2-10.0-15.0-090419

Quant Time: Sep 11 16:21:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 11 14:14:20 2019  
 Response via : Initial Calibration

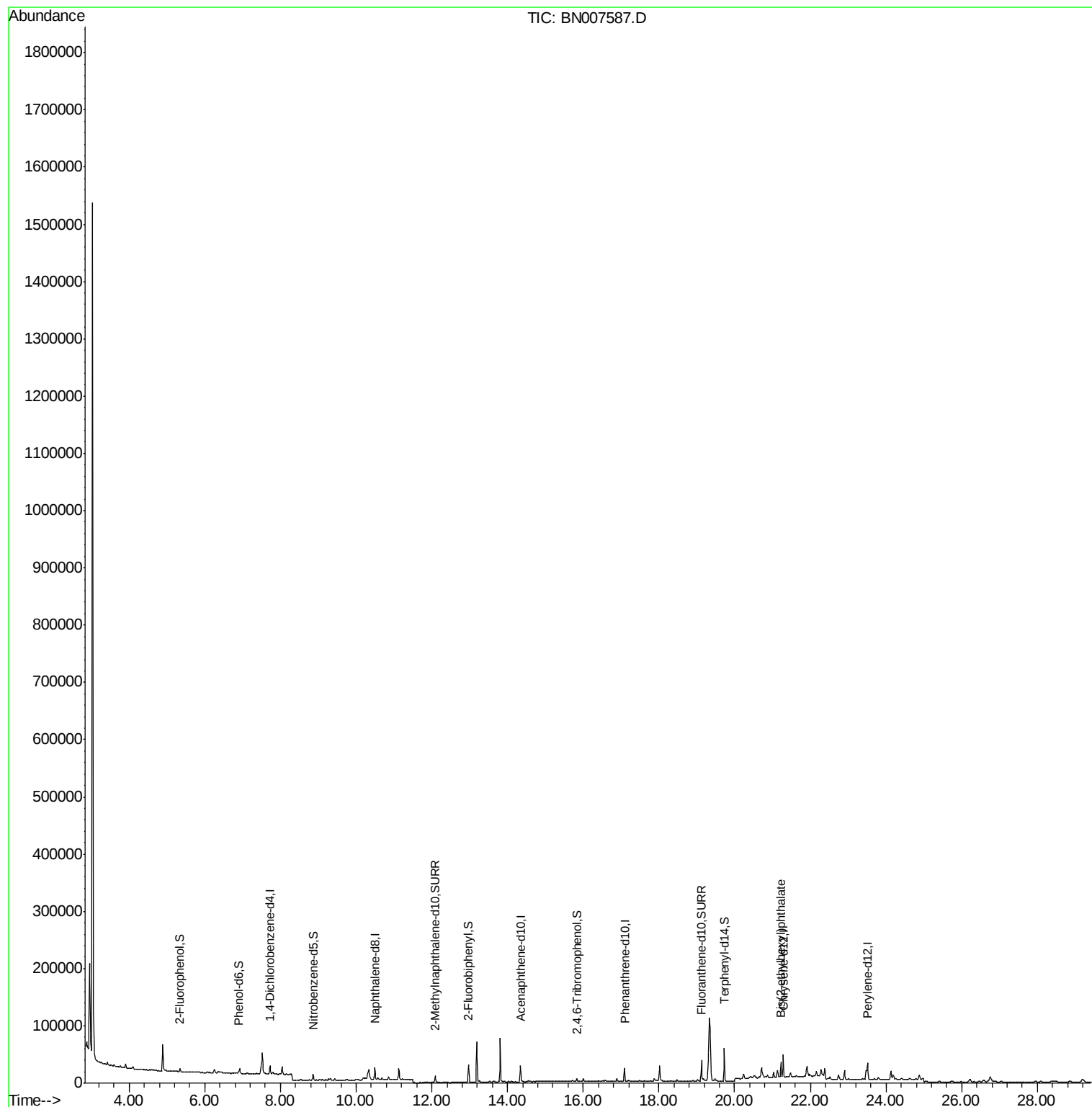
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.73  | 152  | 6615     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.49 | 136  | 26320    | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10           | 14.35 | 164  | 16064    | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.09 | 188  | 33476    | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.28 | 240  | 33741    | 0.40  | ng    | -0.01    |
| 34) Perylene-d12               | 23.51 | 264  | 37093    | 0.40  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.34  | 112  | 3851     | 0.19  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.90  | 99   | 3567     | 0.13  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.86  | 82   | 9147     | 0.57  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10    | 12.09 | 152  | 16998    | 0.37  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.83 | 330  | 3323     | 0.54  | ng    | -0.01    |
| 15) 2-Fluorobiphenyl           | 12.96 | 172  | 26982    | 0.41  | ng    | -0.01    |
| 25) Fluoranthene-d10           | 19.12 | 212  | 41810    | 0.38  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.73 | 244  | 55916    | 0.64  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.23 | 149  | 23436    | 0.567 | ng    | 98       |

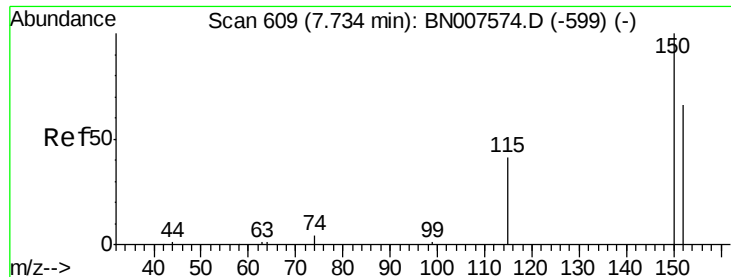
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 11 14:14:20 2019  
Response via : Initial Calibration



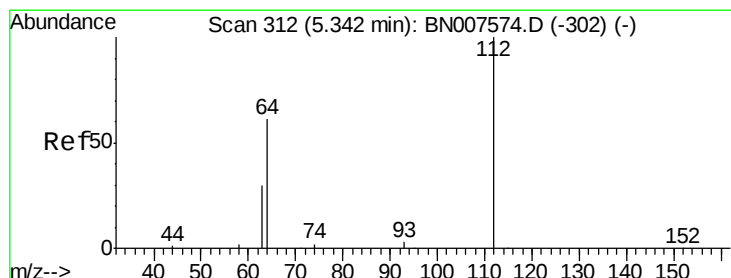
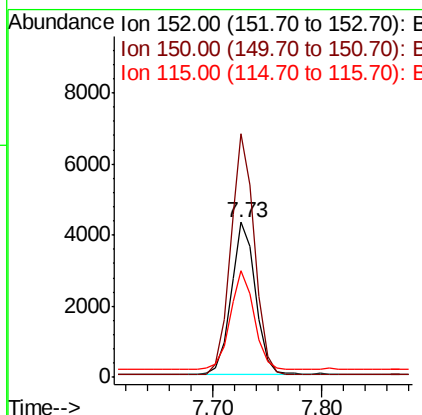
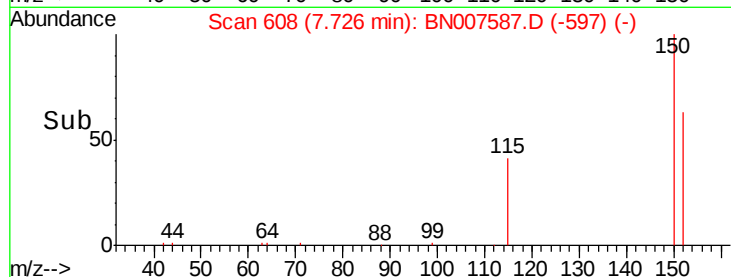
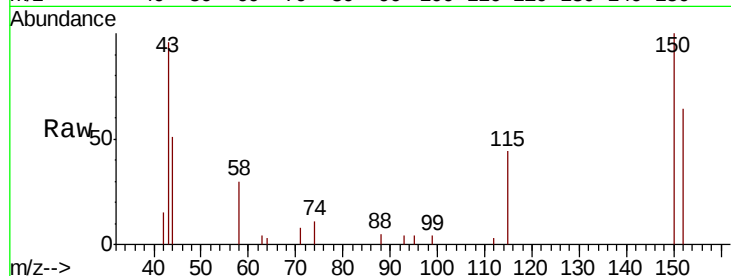


#1

1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.73 min Scan# 608  
Delta R.T. -0.01 min  
Lab File: BN007587.D  
Acq: 11 Sep 2019 14:41

Instrument :  
BNA\_N  
ClientSampleId :  
GW507-K2-10.0-15.0-090419

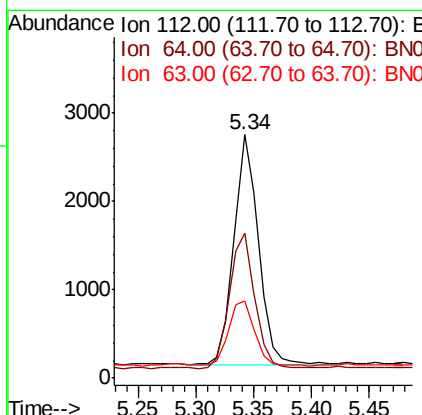
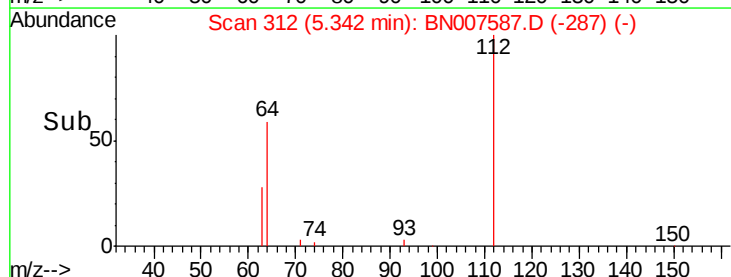
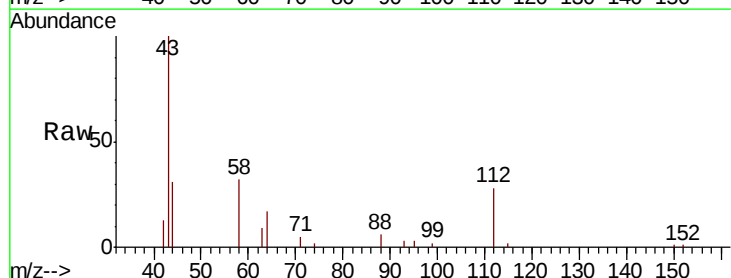
Tot Ion:152 Resp: 6615  
Ion Ratio Lower Upper  
152 100  
150 157.2 119.5 179.3  
115 68.7 53.0 79.6

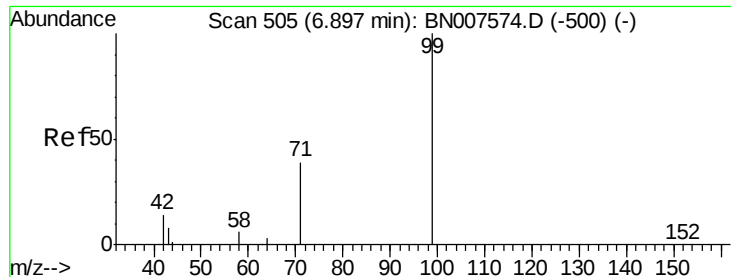


#4

2-Fluorophenol  
Concen: 0.191 ng  
RT: 5.34 min Scan# 312  
Delta R.T. -0.00 min  
Lab File: BN007587.D  
Acq: 11 Sep 2019 14:41

Tgt Ion:112 Resp: 3851  
Ion Ratio Lower Upper  
112 100  
64 59.6 49.2 73.8  
63 30.0 26.0 39.0





#5

Phenol-d6

Concen: 0.130 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

Instrument :

BNA\_N

ClientSampleId :

GW507-K2-10.0-15.0-090419

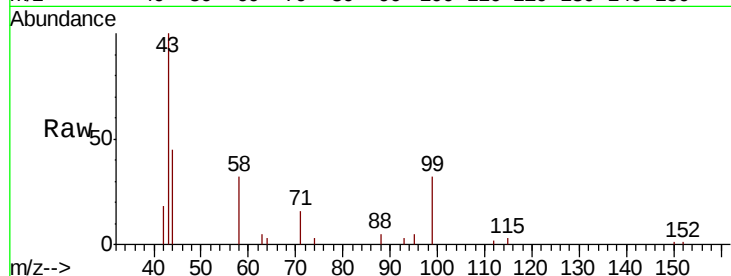
Tot Ion: 99 Resp: 3567

Ion Ratio Lower Upper

99 100

42 32.3 11.8 17.8#

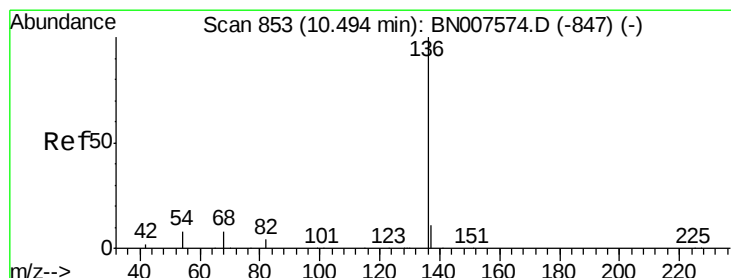
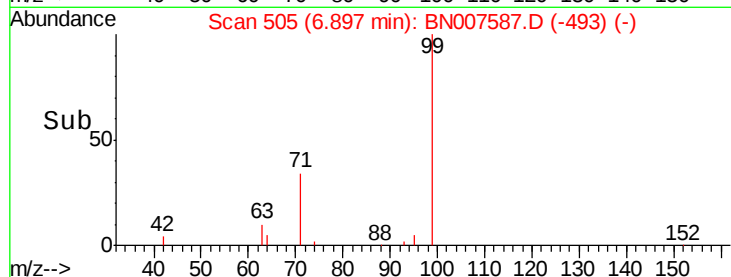
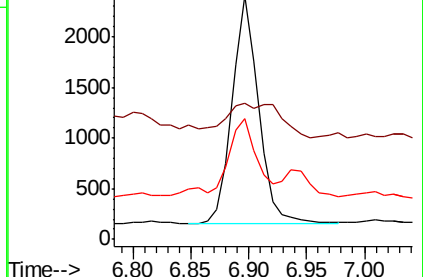
71 37.1 28.8 43.2



Abundance Ion 99.00 (98.70 to 99.70): BN007574.D (-500) (-)

Ion 42.00 (41.70 to 42.70): BN007574.D (-500) (-)

Ion 71.00 (70.70 to 71.70): BN007574.D (-500) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 853

Delta R.T. 0.00 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

Tgt Ion: 136 Resp: 26320

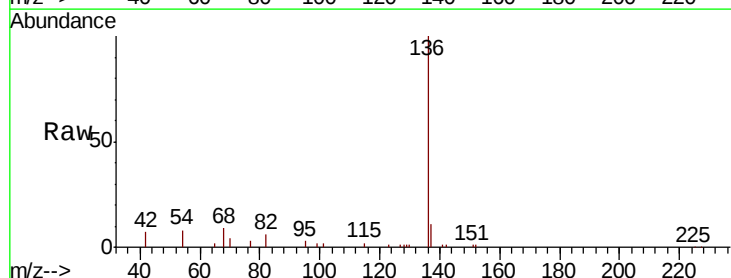
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.1 7.5 11.3

68 9.3 7.9 11.9

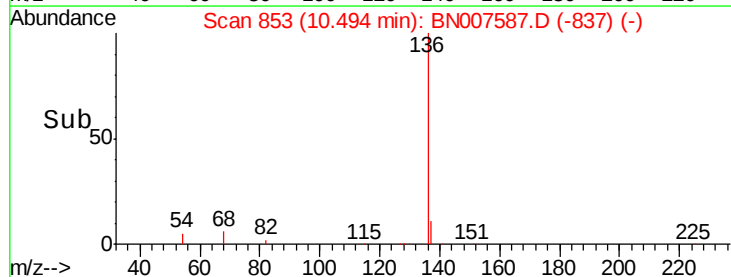
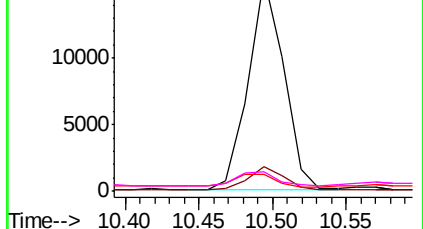


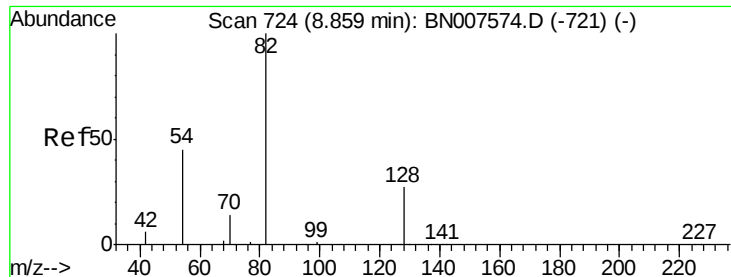
Abundance Ion 136.00 (135.70 to 136.70): BN007574.D (-847) (-)

Ion 137.00 (136.70 to 137.70): BN007574.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007574.D (-847) (-)

Ion 68.00 (67.70 to 68.70): BN007574.D (-847) (-)





#8

Nitrobenzene-d5

Concen: 0.570 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

Instrument :

BNA\_N

ClientSampleId :

GW507-K2-10.0-15.0-090419

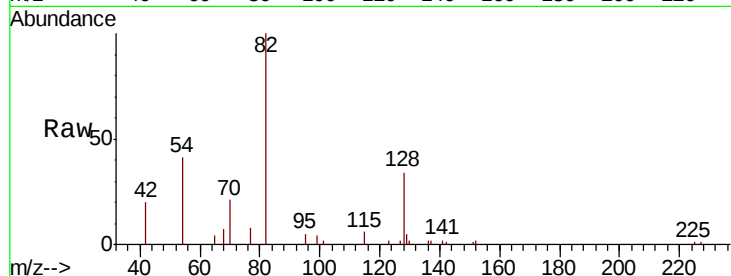
Tot Ion: 82 Resp: 9147

Ion Ratio Lower Upper

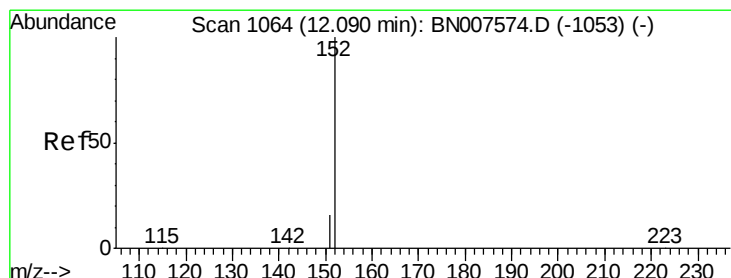
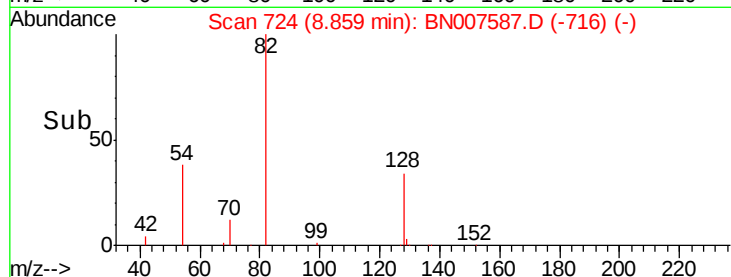
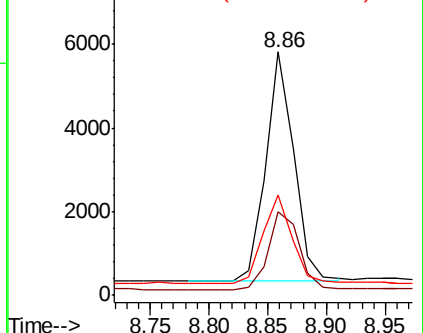
82 100

128 34.2 23.4 35.2

54 41.3 38.2 57.2



Abundance Ion 82.00 (81.70 to 82.70): BNC  
Ion 128.00 (127.70 to 128.70): BNC  
Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 12.09 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BN007587.D

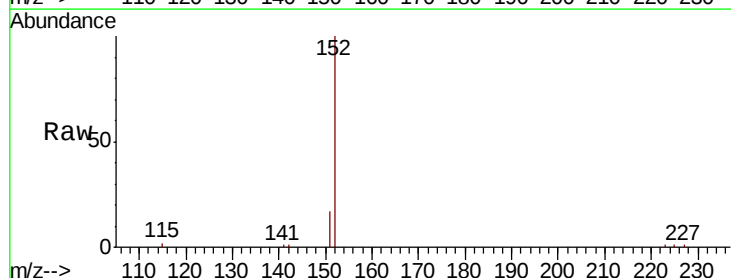
Acq: 11 Sep 2019 14:41

Tgt Ion: 152 Resp: 16998

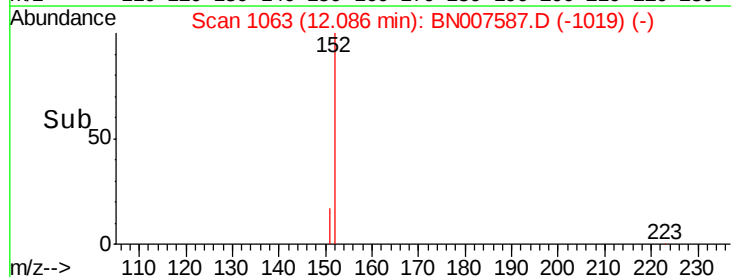
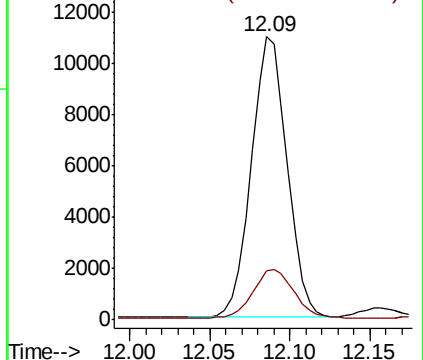
Ion Ratio Lower Upper

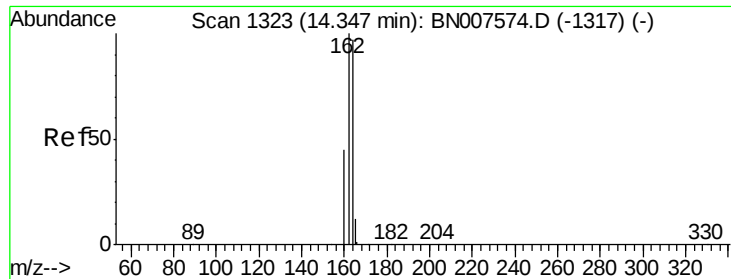
152 100

151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BNC  
Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.35 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

Instrument :

BNA\_N

ClientSampleId :

GW507-K2-10.0-15.0-090419

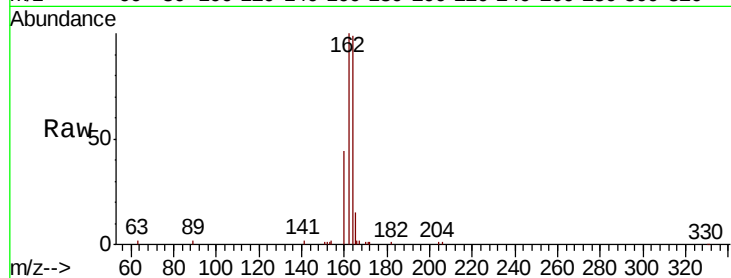
Tot Ion:164 Resp: 16064

Ion Ratio Lower Upper

164 100

162 100.6 82.2 123.2

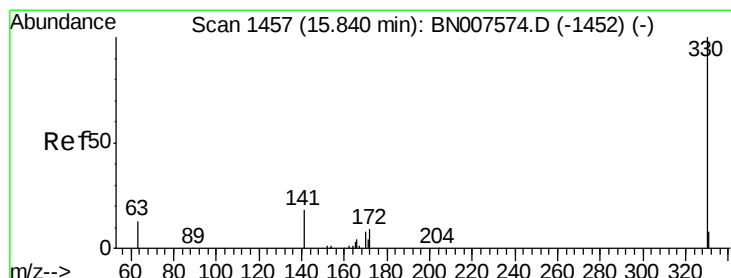
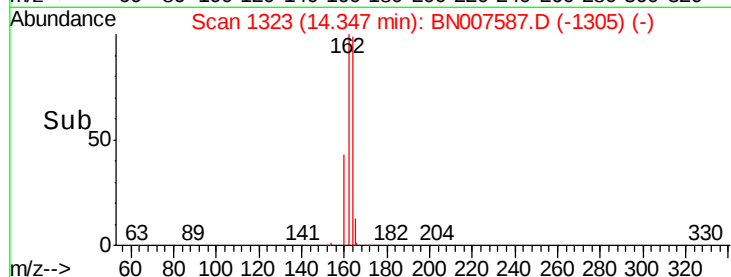
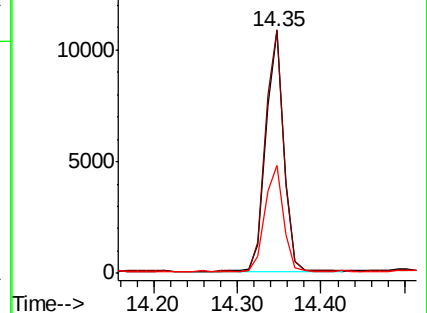
160 44.6 37.4 56.0



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: 0.544 ng

RT: 15.83 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

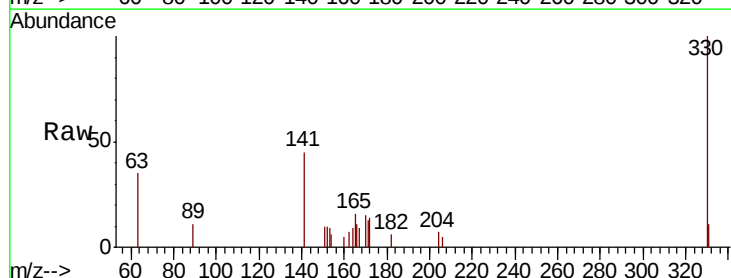
Tgt Ion:330 Resp: 3323

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

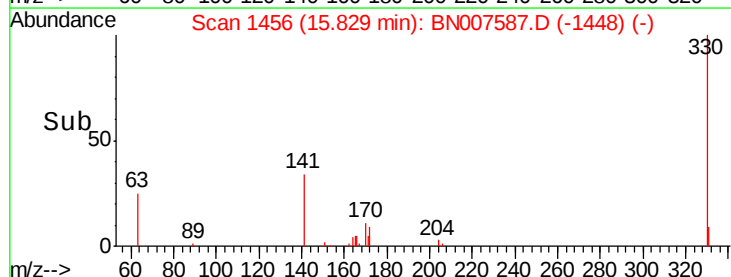
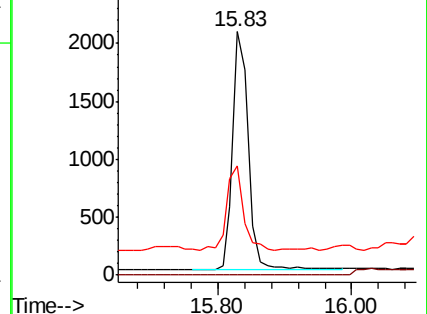
141 38.1 30.6 45.8

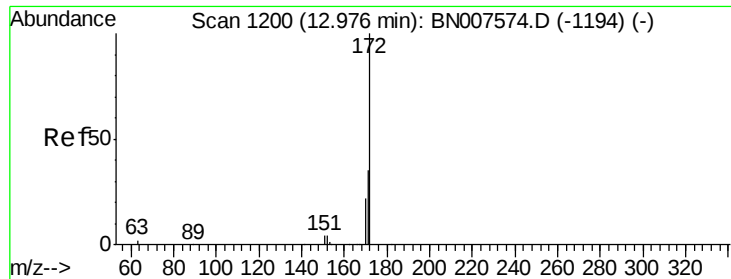


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

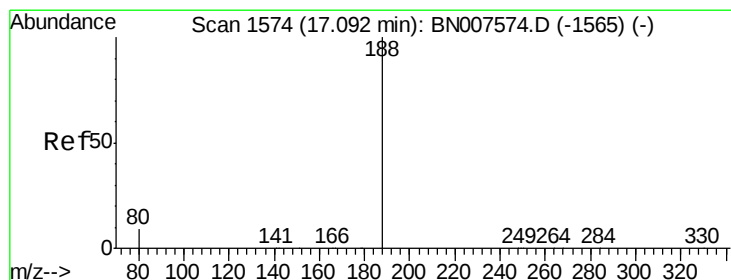
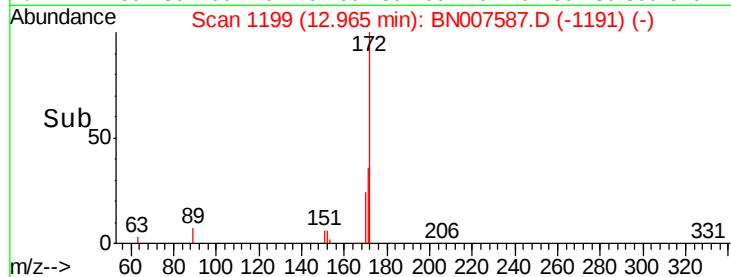
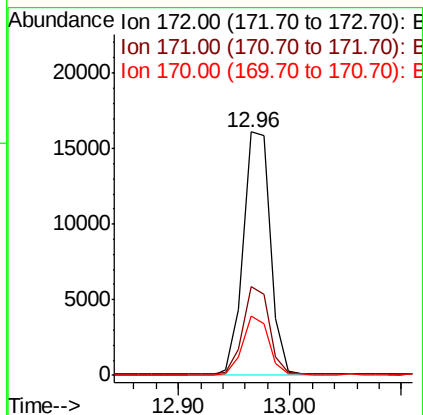
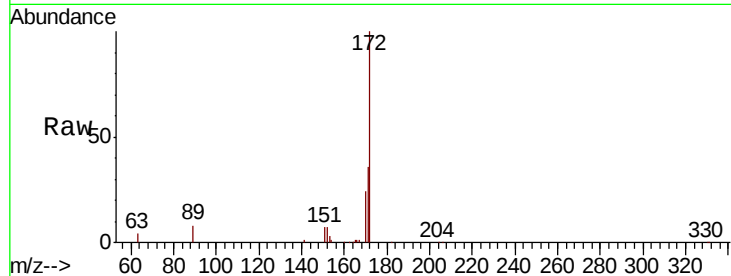




#15  
2-Fluorobiphenyl  
Concen: 0.406 ng  
RT: 12.96 min Scan# 1199  
Delta R.T. -0.01 min  
Lab File: BN007587.D  
Acq: 11 Sep 2019 14:41

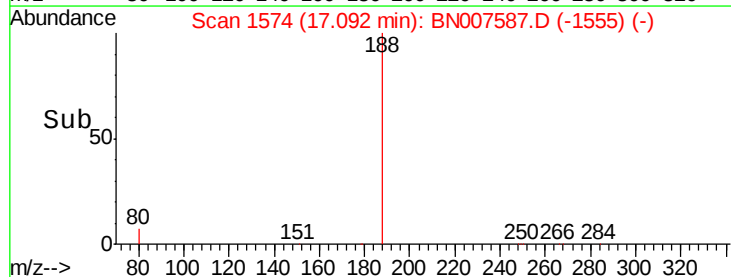
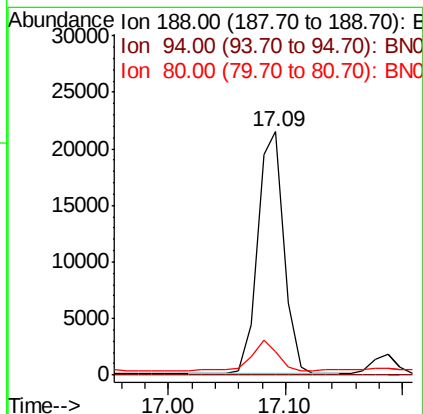
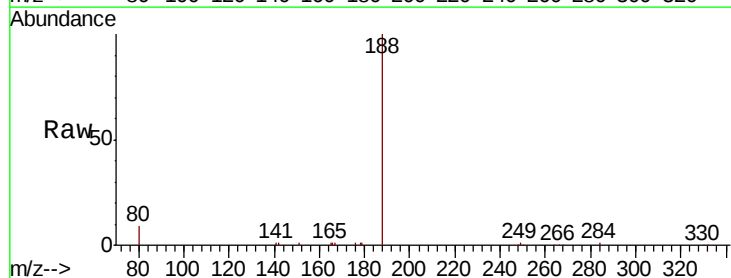
Instrument :  
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GW507-K2-10.0-15.0-090419

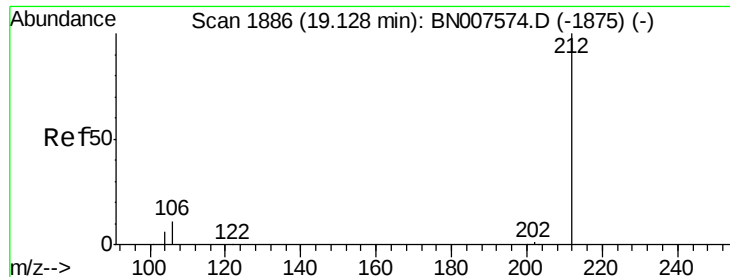
Tot Ion:172 Resp: 26982  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.2 42.2  
170 24.4 18.3 27.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.09 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: BN007587.D  
Acq: 11 Sep 2019 14:41

Tgt Ion:188 Resp: 33476  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.4 8.1 12.1





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

Instrument :

BNA\_N

ClientSampleId :

GW507-K2-10.0-15.0-090419

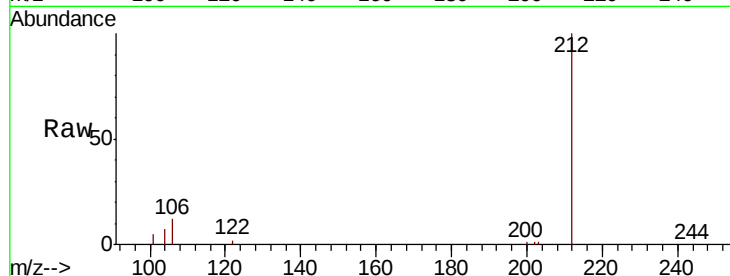
Tot Ion:212 Resp: 41810

Ion Ratio Lower Upper

212 100

106 12.9 9.7 14.5

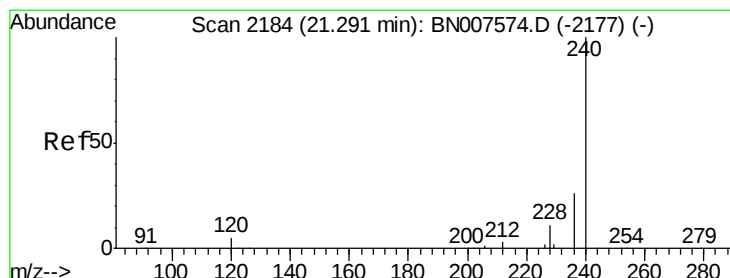
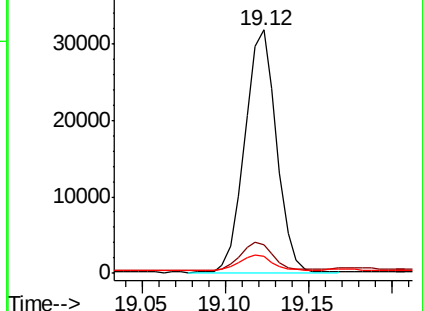
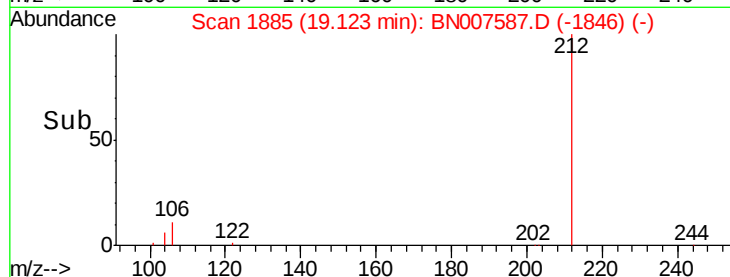
104 6.8 5.5 8.3



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: 21.28 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

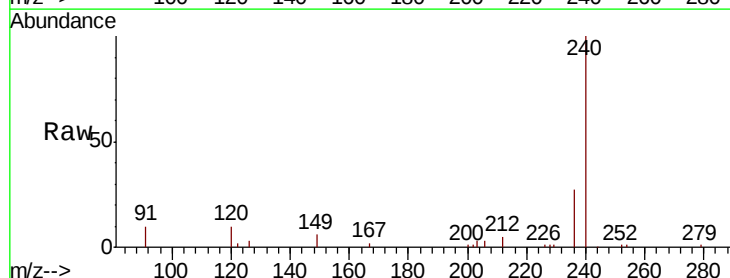
Tgt Ion:240 Resp: 33741

Ion Ratio Lower Upper

240 100

120 10.1 5.0 7.4#

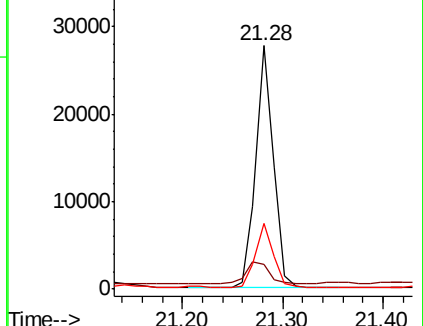
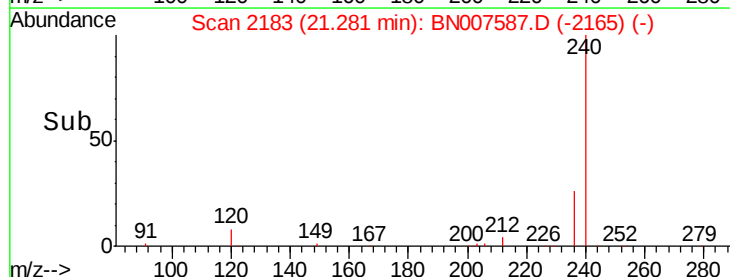
236 27.1 20.6 31.0

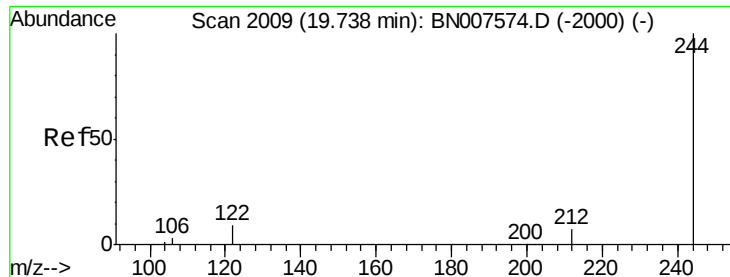


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.637 ng

RT: 19.73 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

Instrument :

BNA\_N

ClientSampleId :

GW507-K2-10.0-15.0-090419

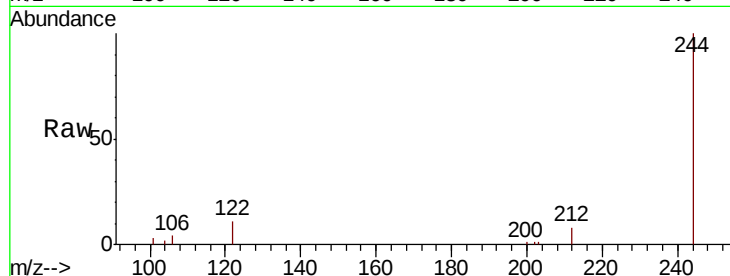
Tot Ion:244 Resp: 55916

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

122 10.8 7.8 11.6

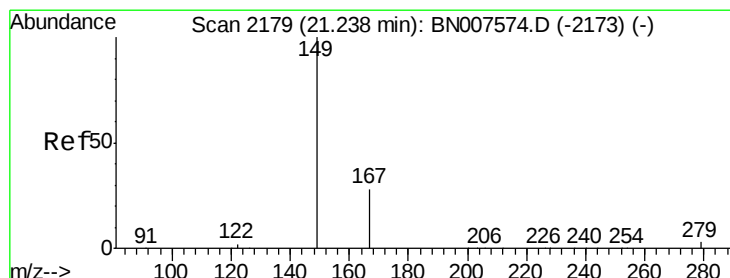
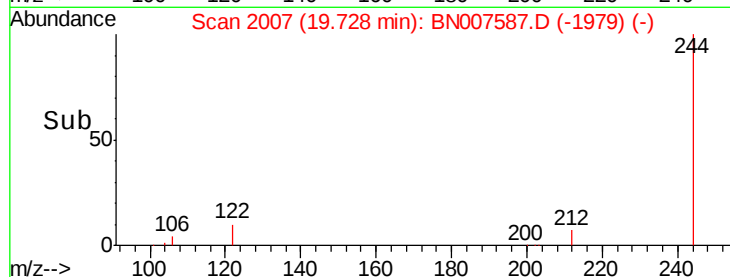
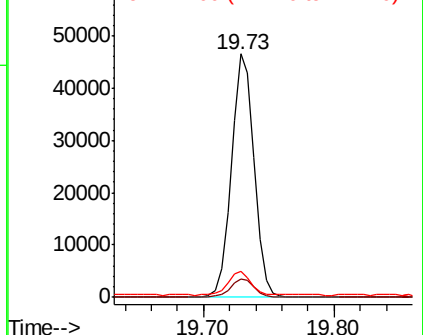


Abundance

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: 0.567 ng

RT: 21.23 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

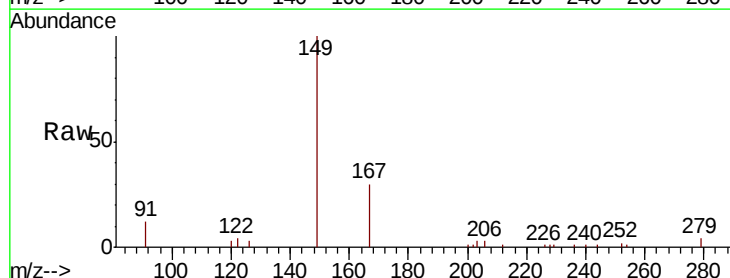
Tgt Ion:149 Resp: 23436

Ion Ratio Lower Upper

149 100

167 28.6 22.1 33.1

279 4.9 3.9 5.9

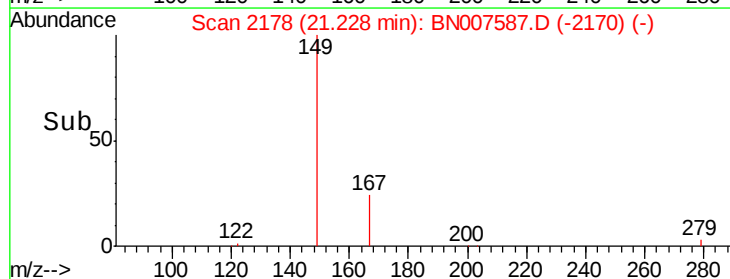
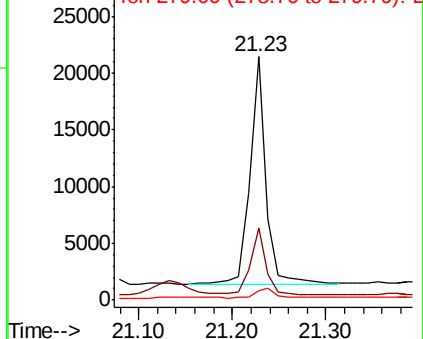


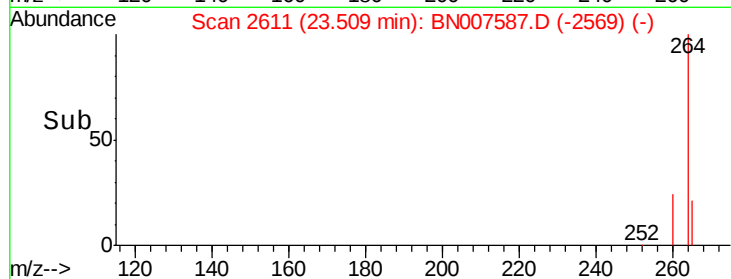
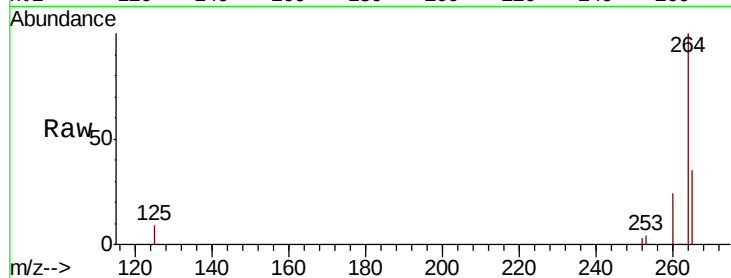
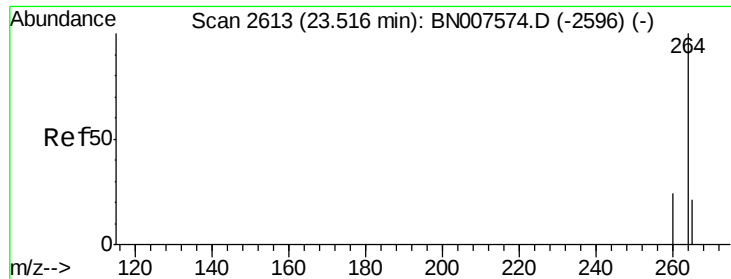
Abundance

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: 23.51 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BN007587.D

Acq: 11 Sep 2019 14:41

Instrument :

BNA\_N

ClientSampleId :

GW507-K2-10.0-15.0-090419

Tot Ion:264 Resp: 37093

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 35.3 25.6 38.4

