

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\  
 Data File : BN009373.D  
 Acq On : 15 Jan 2020 11:02  
 Operator : JU  
 Sample : PB126024BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jan 15 16:11:35 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

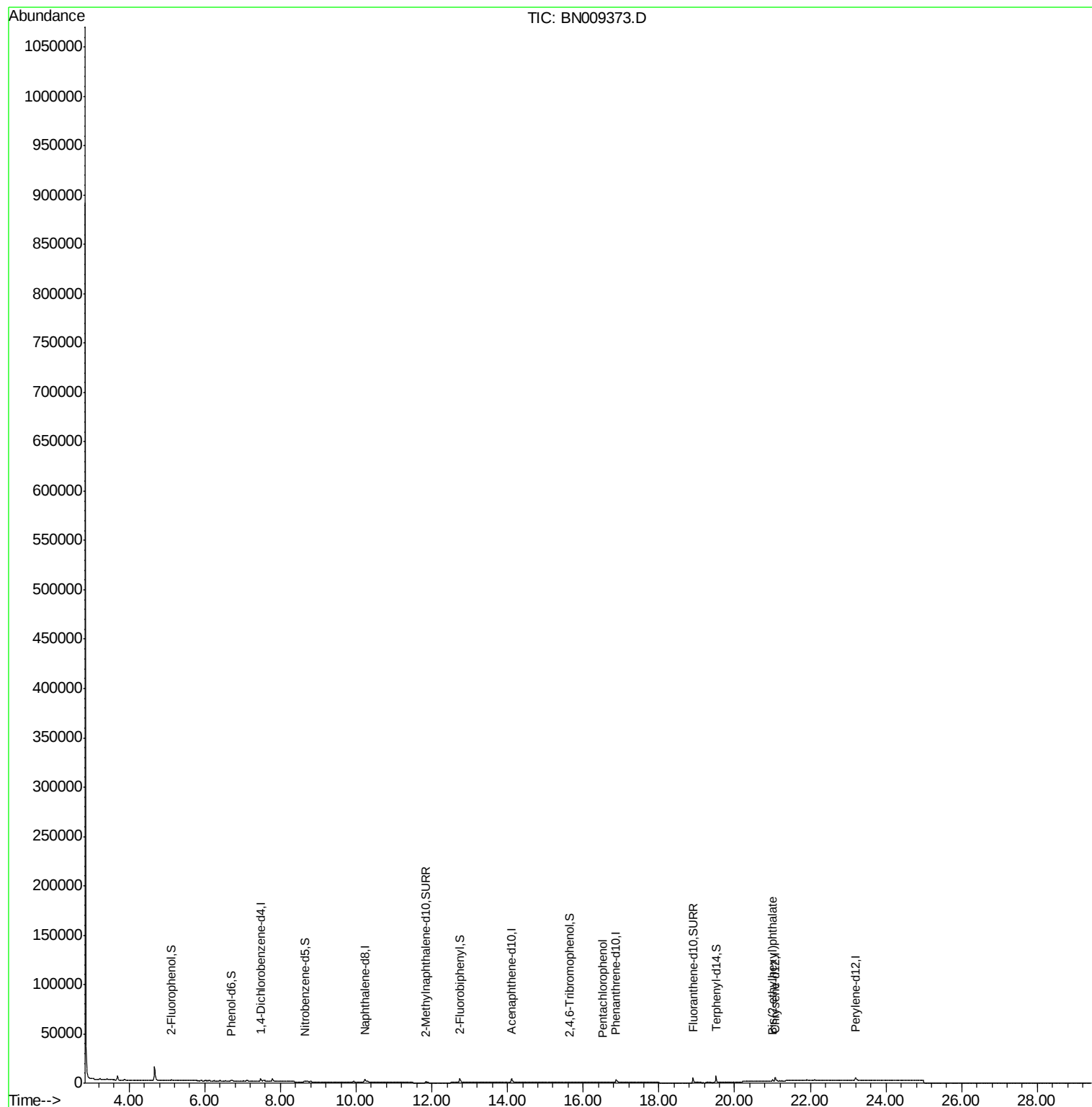
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.48  | 152  | 1384     | 0.40  | ng    | 0.00        |
| 7) Naphthalene-d8              | 10.24 | 136  | 4420     | 0.40  | ng    | 0.01        |
| 13) Acenaphthene-d10           | 14.11 | 164  | 2845     | 0.40  | ng    | 0.00        |
| 19) Phenanthrene-d10           | 16.87 | 188  | 5903     | 0.40  | ng    | 0.00        |
| 27) Chrysene-d12               | 21.07 | 240  | 5695     | 0.40  | ng    | 0.00        |
| 34) Perylene-d12               | 23.19 | 264  | 5675     | 0.40  | ng    | 0.00        |
| System Monitoring Compounds    |       |      |          |       |       |             |
| 4) 2-Fluorophenol              | 5.12  | 112  | 829      | 0.26  | ng    | 0.00        |
| 5) Phenol-d6                   | 6.70  | 99   | 582      | 0.16  | ng    | 0.02        |
| 8) Nitrobenzene-d5             | 8.64  | 82   | 1368     | 0.39  | ng    | 0.01        |
| 11) 2-Methylnaphthalene-d10    | 11.84 | 152  | 3080     | 0.36  | ng    | 0.00        |
| 14) 2,4,6-Tribromophenol       | 15.63 | 330  | 358      | 0.33  | ng    | 0.00        |
| 15) 2-Fluorobiphenyl           | 12.73 | 172  | 5146     | 0.48  | ng    | 0.00        |
| 25) Fluoranthene-d10           | 18.90 | 212  | 8220     | 0.41  | ng    | 0.00        |
| 29) Terphenyl-d14              | 19.51 | 244  | 7738     | 0.57  | ng    | 0.00        |
| Target Compounds               |       |      |          |       |       |             |
| 22) Pentachlorophenol          | 16.51 | 266  | 8        | 0.151 | ng    | Qvalue # 79 |
| 32) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 1630     | 0.197 | ng    | 99          |

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

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
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Quant Time: Jan 15 16:11:35 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



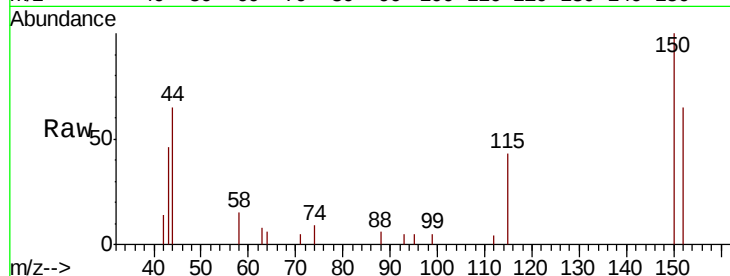


#1

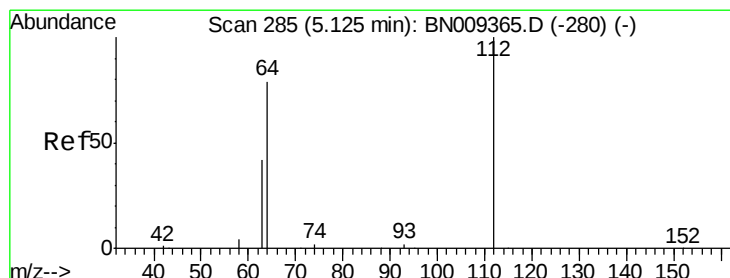
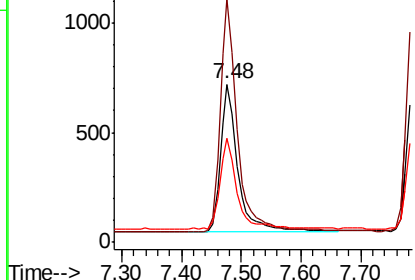
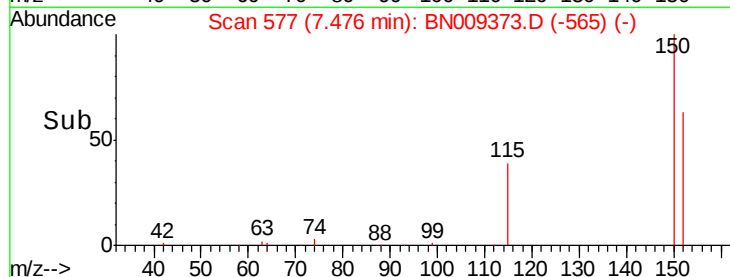
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.48 min Scan# 577  
Delta R.T. -0.00 min  
Lab File: BN009373.D  
Acq: 15 Jan 2020 11:02

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:152 Resp: 1384  
Ion Ratio Lower Upper  
152 100  
150 153.8 125.7 188.5  
115 65.6 53.3 79.9



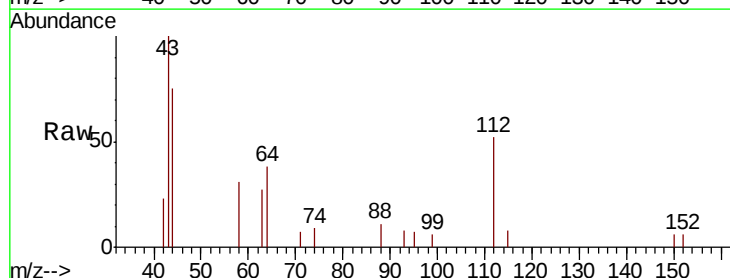
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



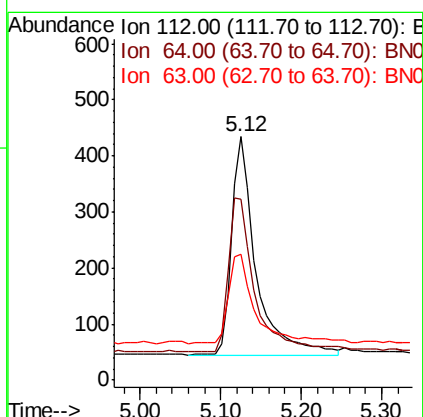
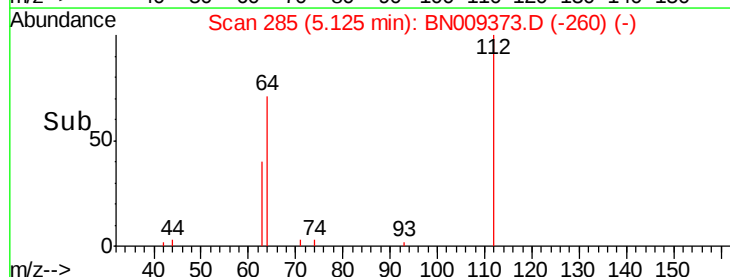
#4

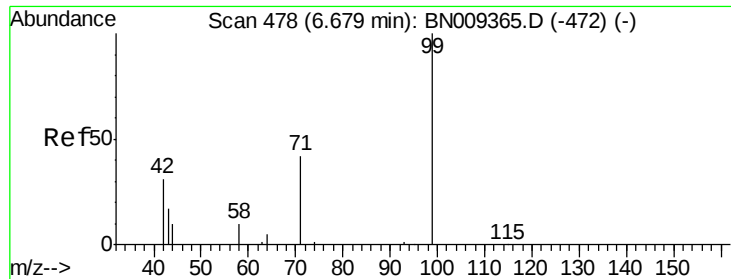
2-Fluorophenol  
Concen: 0.260 ng  
RT: 5.12 min Scan# 285  
Delta R.T. -0.00 min  
Lab File: BN009373.D  
Acq: 15 Jan 2020 11:02

Tgt Ion:112 Resp: 829  
Ion Ratio Lower Upper  
112 100  
64 78.9 61.5 92.3  
63 41.6 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: 0.158 ng

RT: 6.70 min Scan# 480

Delta R.T. 0.02 min

Lab File: BN009373.D

Acq: 15 Jan 2020 11:02

Instrument :

BNA\_N

ClientSampled :

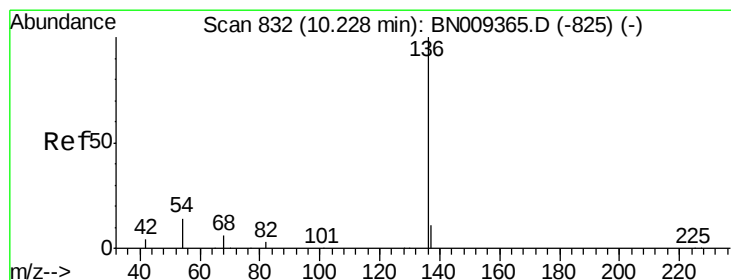
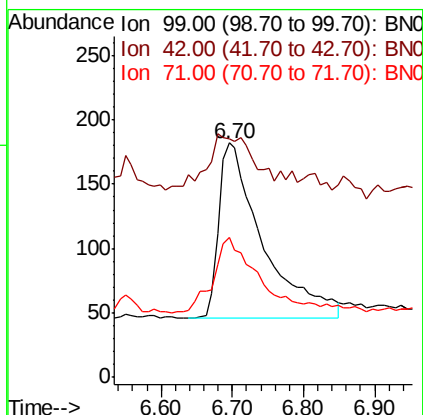
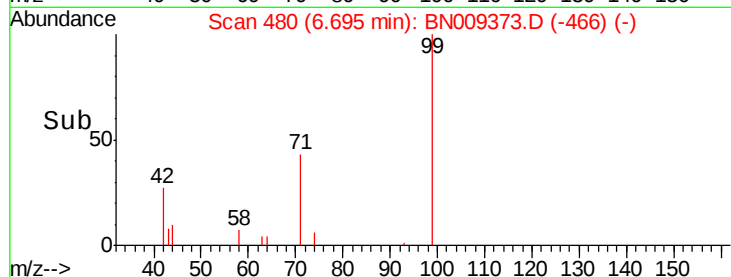
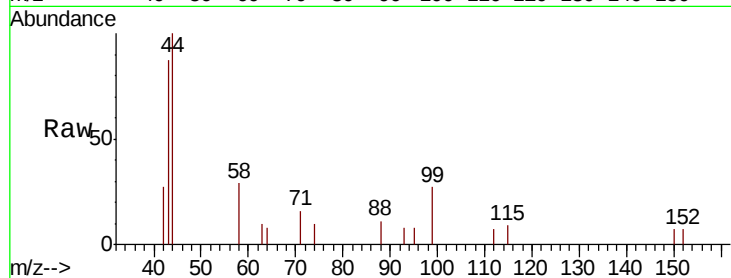
Tot Ion: 99 Resp: 582

Ion Ratio Lower Upper

99 100

42 33.2 27.6 41.4

71 44.7 33.0 49.6



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN009373.D

Acq: 15 Jan 2020 11:02

Tgt Ion: 136 Resp: 4420

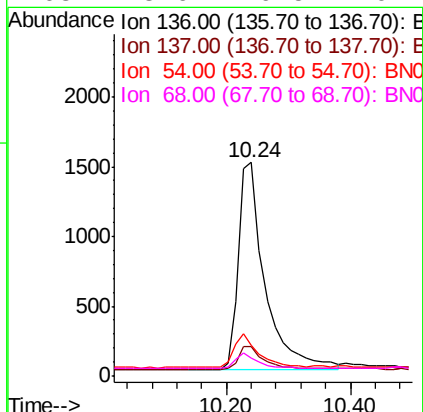
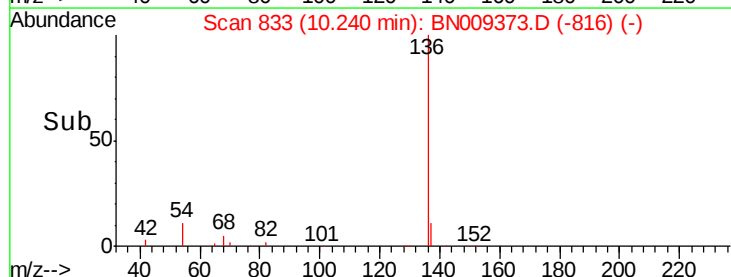
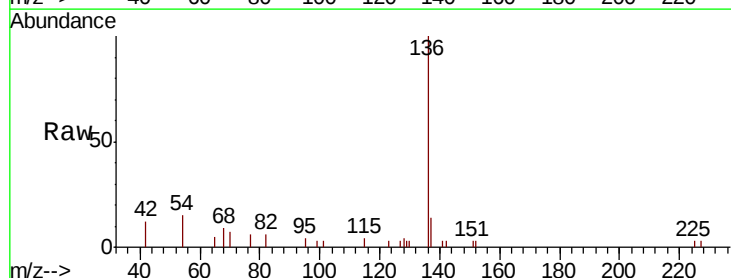
Ion Ratio Lower Upper

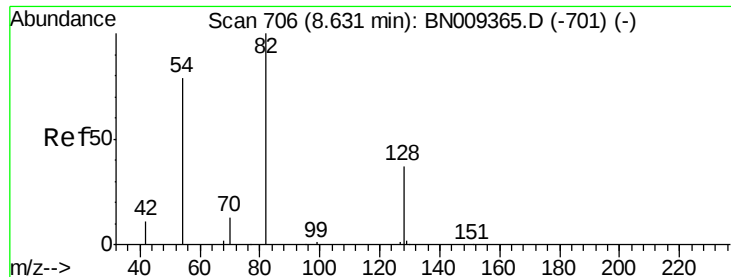
136 100

137 14.0 10.3 15.5

54 14.6 12.6 19.0

68 8.6 6.5 9.7





#8

Nitrobenzene-d5

Concen: 0.388 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN009373.D

Acq: 15 Jan 2020 11:02

Instrument :

BNA\_N

ClientSampleId :

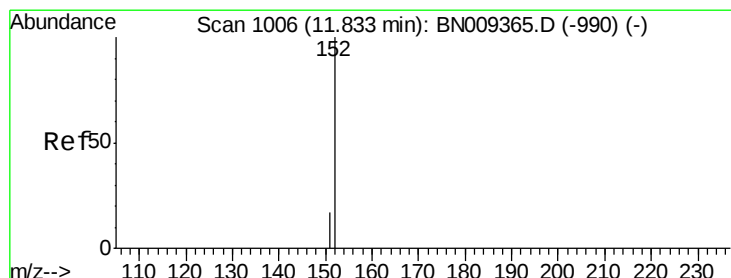
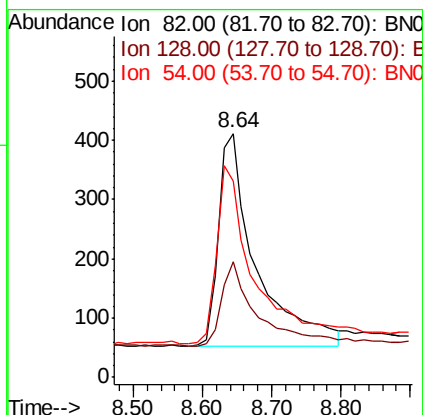
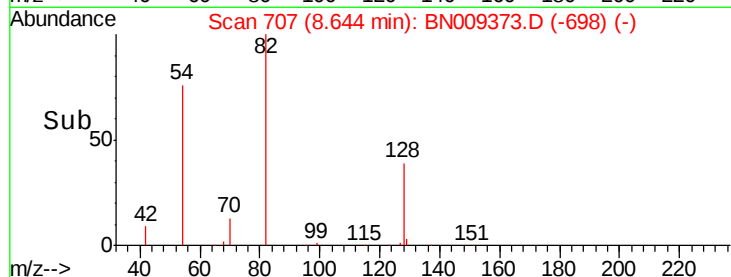
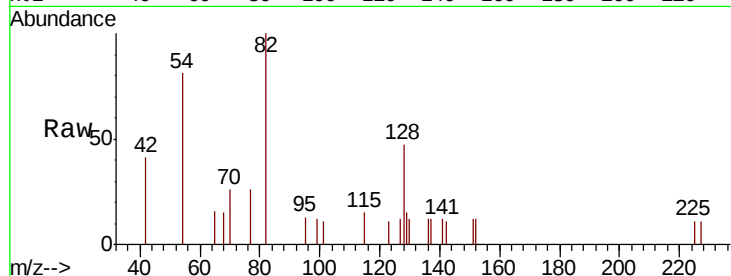
Tot Ion: 82 Resp: 1368

Ion Ratio Lower Upper

82 100

128 47.4 34.8 52.2

54 80.5 65.8 98.6



#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 11.84 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BN009373.D

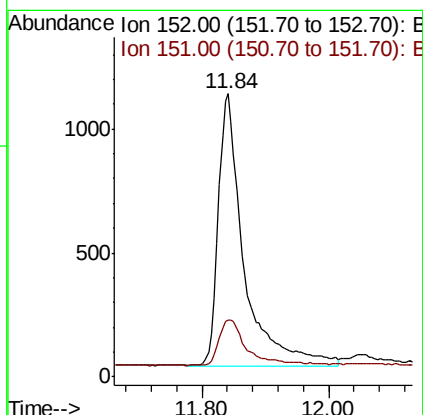
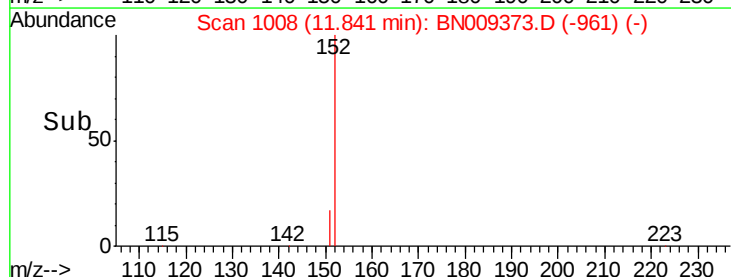
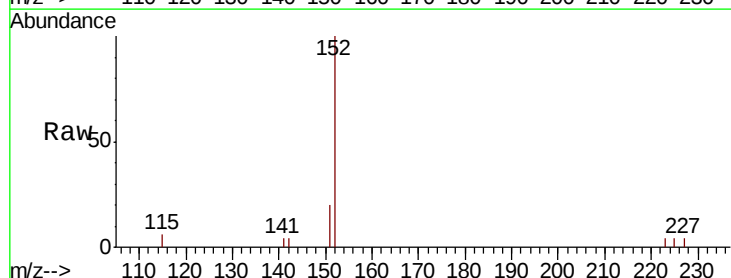
Acq: 15 Jan 2020 11:02

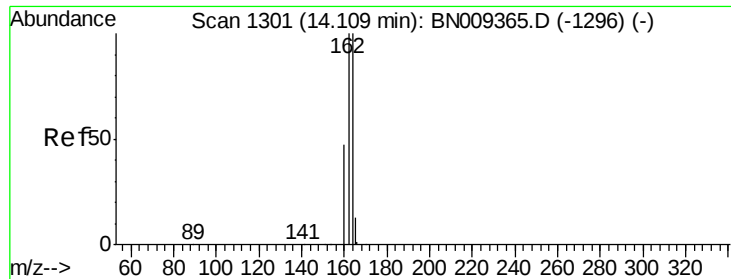
Tgt Ion: 152 Resp: 3080

Ion Ratio Lower Upper

152 100

151 18.7 14.8 22.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN009373.D

Acq: 15 Jan 2020 11:02

Instrument :

BNA\_N

ClientSampleId :

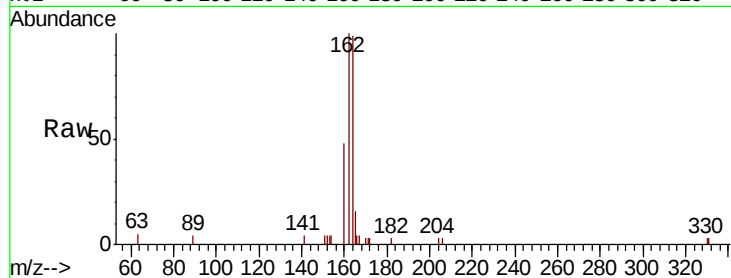
Tot Ion:164 Resp: 2845

Ion Ratio Lower Upper

164 100

162 100.7 79.8 119.6

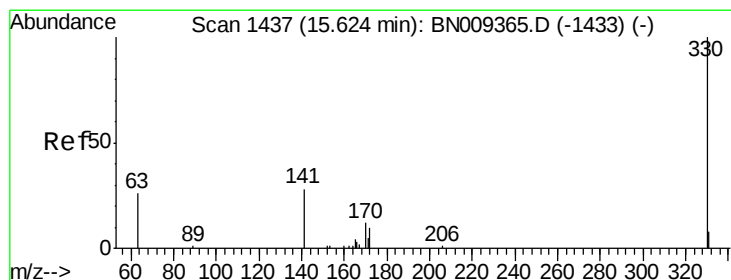
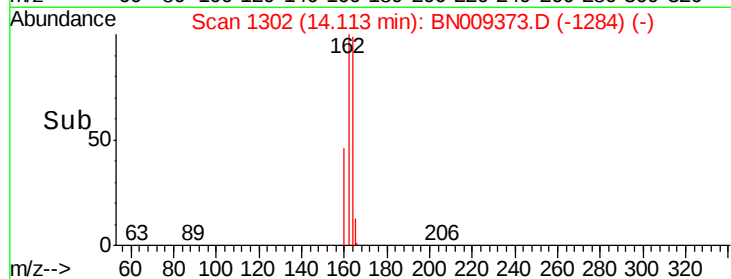
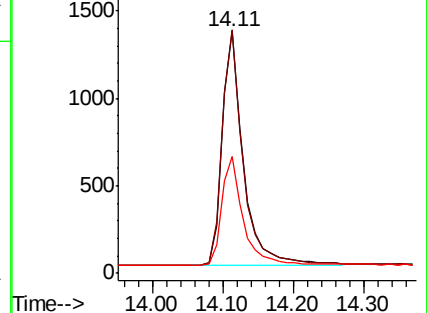
160 48.1 38.4 57.6



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: 0.333 ng

RT: 15.63 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BN009373.D

Acq: 15 Jan 2020 11:02

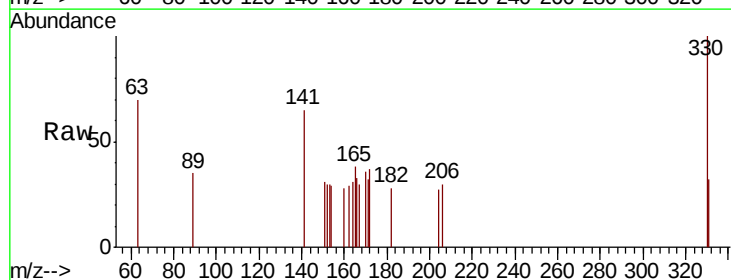
Tgt Ion:330 Resp: 358

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

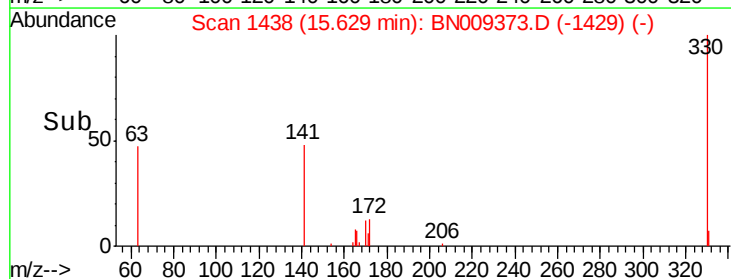
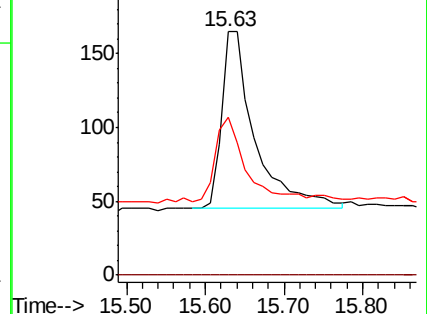
141 42.5 33.1 49.7

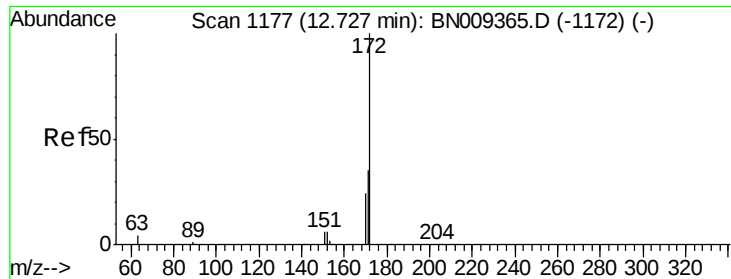


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

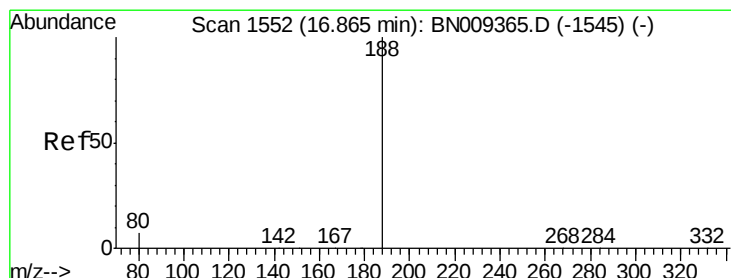
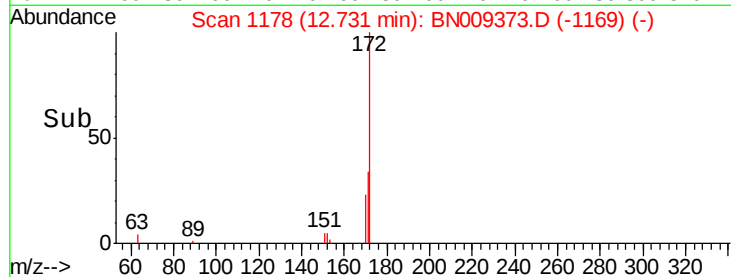
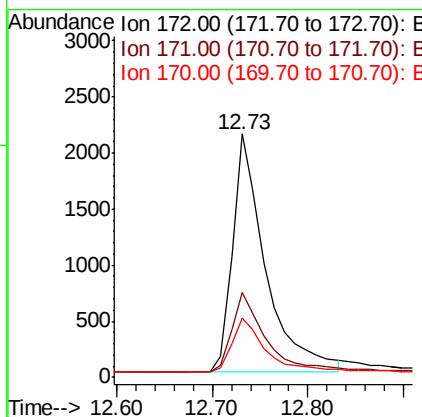
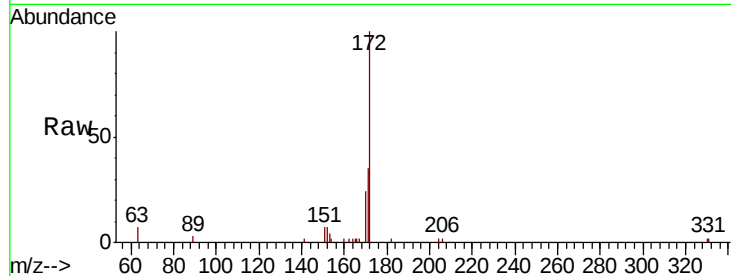




#15  
2-Fluorobiphenyl  
Concen: 0.483 ng  
RT: 12.73 min Scan# 1178  
Delta R.T. 0.00 min  
Lab File: BN009373.D  
Acq: 15 Jan 2020 11:02

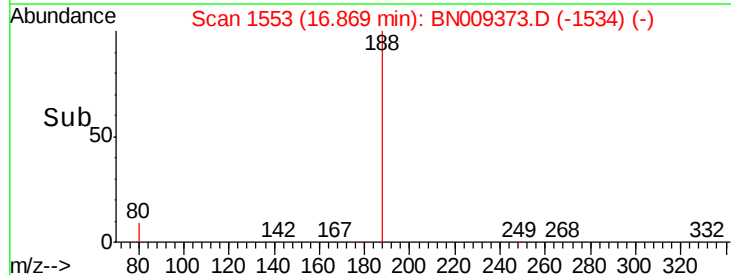
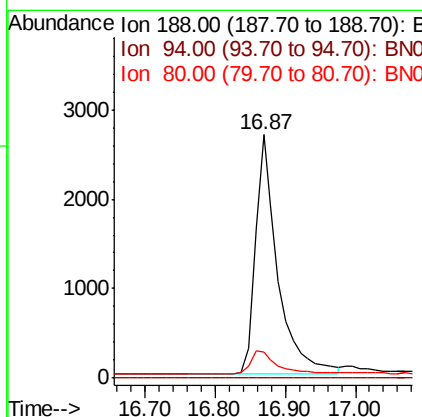
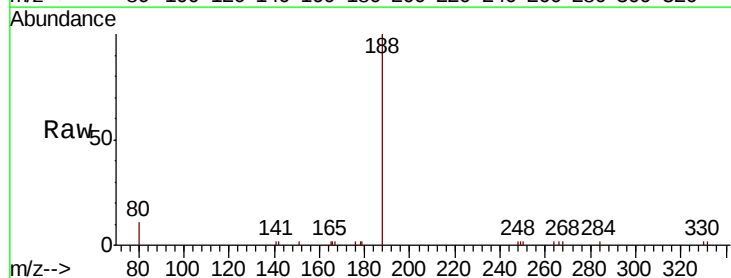
Instrument :  
BNA\_N  
ClientSampleId :

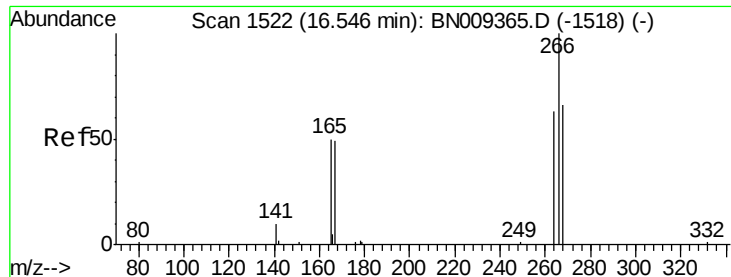
Tot Ion:172 Resp: 5146  
Ion Ratio Lower Upper  
172 100  
171 34.9 29.5 44.3  
170 24.4 20.7 31.1



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.87 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: BN009373.D  
Acq: 15 Jan 2020 11:02

Tgt Ion:188 Resp: 5903  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.7 6.6 10.0#

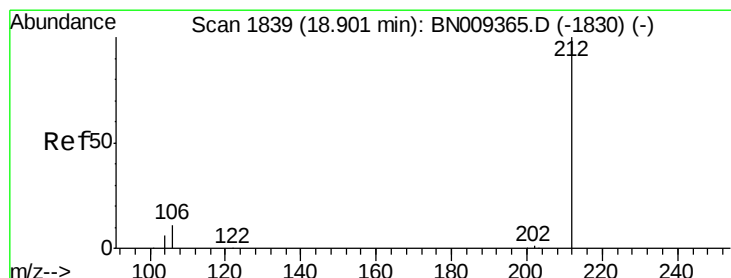
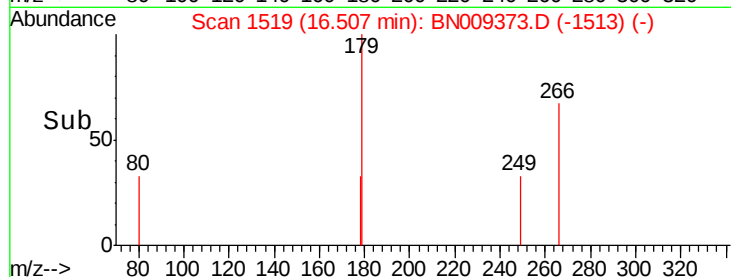
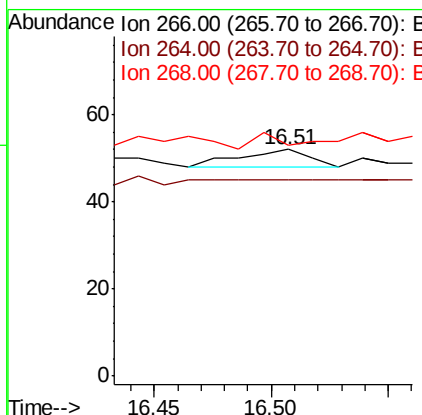
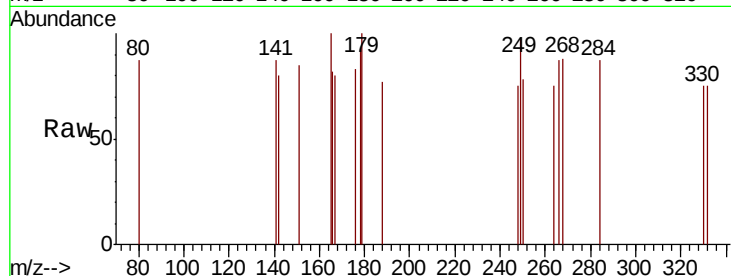




#22  
 Pentachlorophenol  
 Concen: 0.151 ng  
 RT: 16.51 min Scan# 1519  
 Delta R.T. -0.04 min  
 Lab File: BN009373.D  
 Acq: 15 Jan 2020 11:02

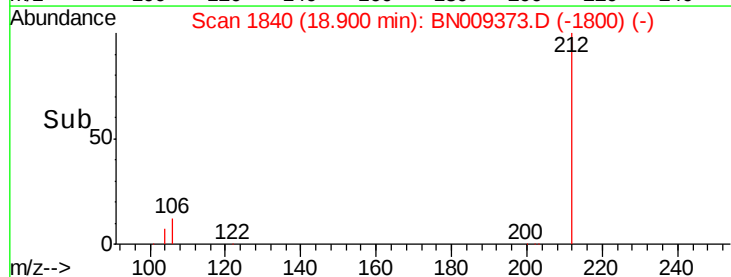
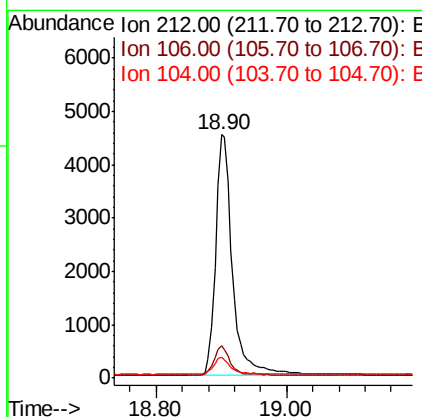
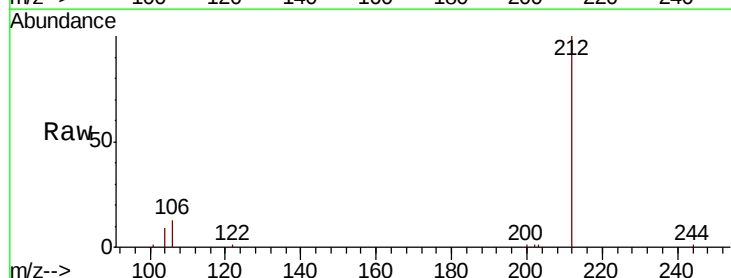
Instrument :  
 BNA\_N  
 ClientSampleId :

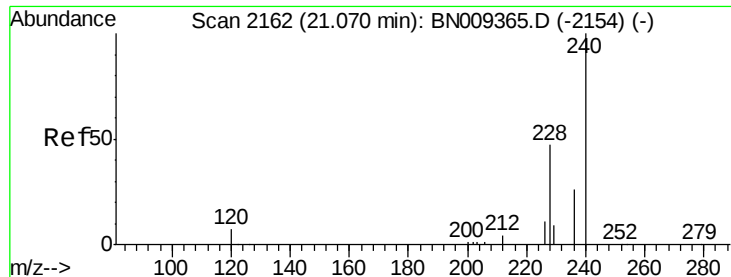
Tot Ion:266 Resp: 8  
 Ion Ratio Lower Upper  
 266 100  
 264 86.5 57.8 86.6  
 268 101.9 63.8 95.6#



#25  
 Fluoranthene-d10  
 Concen: 0.406 ng  
 RT: 18.90 min Scan# 1840  
 Delta R.T. -0.00 min  
 Lab File: BN009373.D  
 Acq: 15 Jan 2020 11:02

Tgt Ion:212 Resp: 8220  
 Ion Ratio Lower Upper  
 212 100  
 106 12.0 9.2 13.8  
 104 7.3 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: BN009373.D

Acq: 15 Jan 2020 11:02

Instrument :

BNA\_N

ClientSampleId :

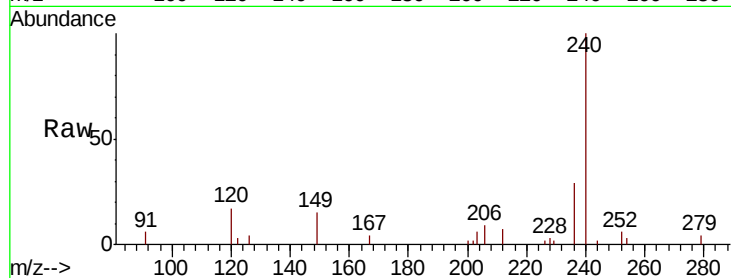
Tot Ion:240 Resp: 5695

Ion Ratio Lower Upper

240 100

120 16.9 8.1 12.1#

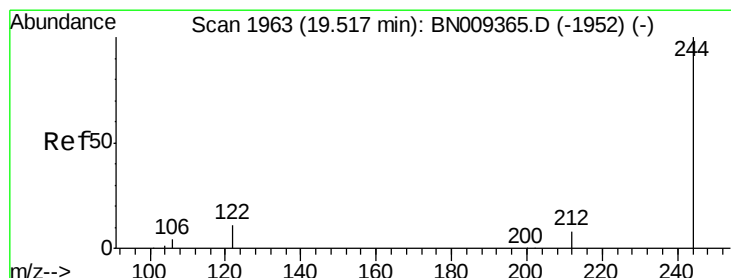
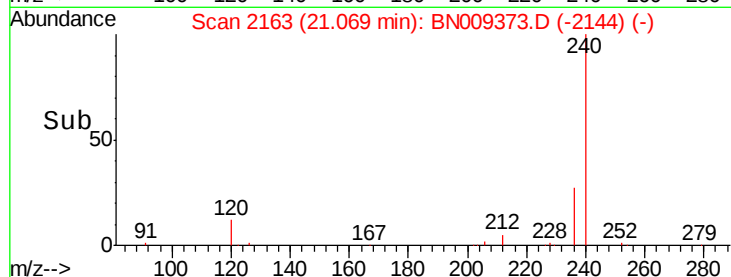
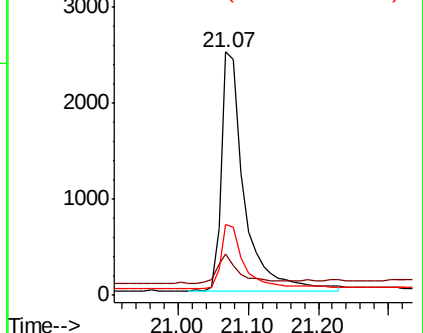
236 29.1 22.2 33.4



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: 0.574 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN009373.D

Acq: 15 Jan 2020 11:02

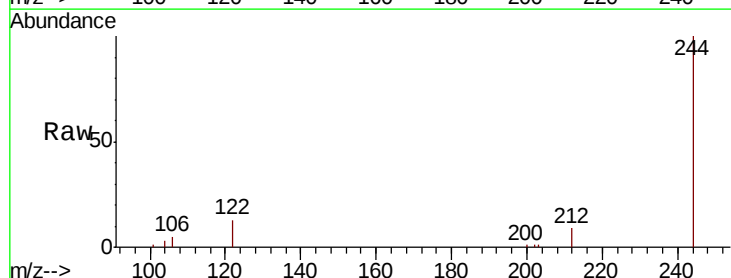
Tgt Ion:244 Resp: 7738

Ion Ratio Lower Upper

244 100

212 9.2 7.5 11.3

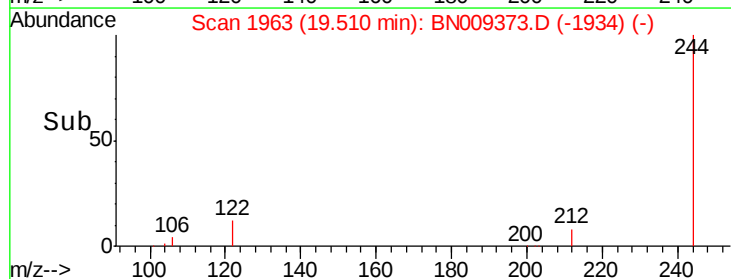
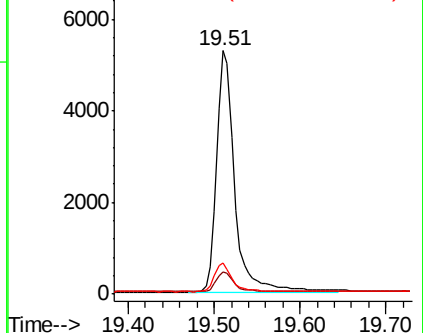
122 12.6 9.8 14.6

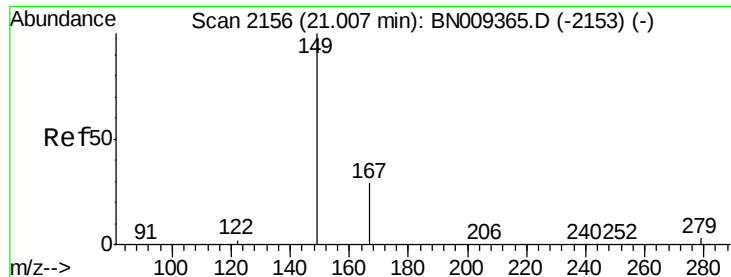


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.197 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009373.D

Acq: 15 Jan 2020 11:02

Instrument :

BNA\_N

ClientSampleId :

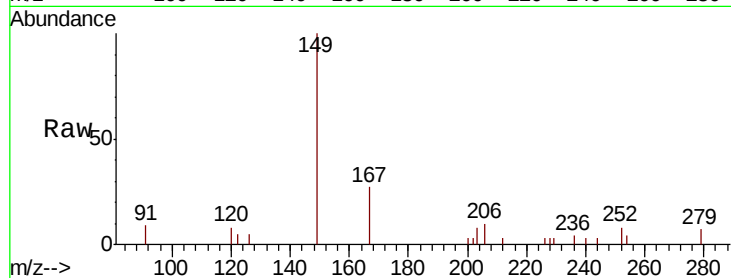
Tot Ion:149 Resp: 1630

Ion Ratio Lower Upper

149 100

167 29.0 22.9 34.3

279 4.0 3.4 5.0

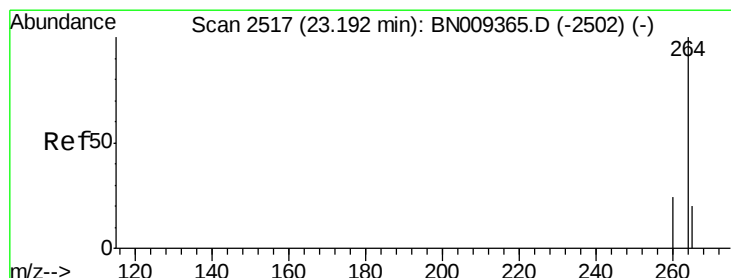
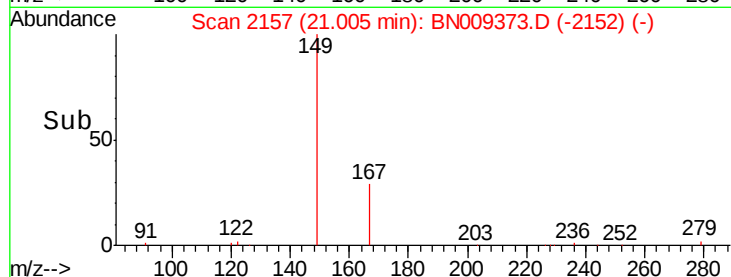
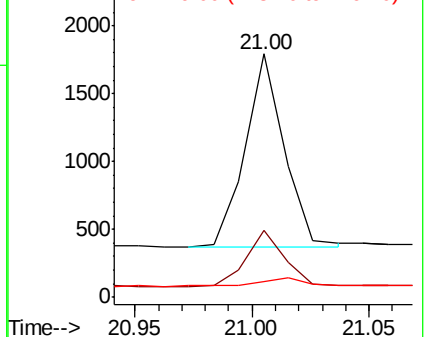


Abundance

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# 2519

Delta R.T. 0.00 min

Lab File: BN009373.D

Acq: 15 Jan 2020 11:02

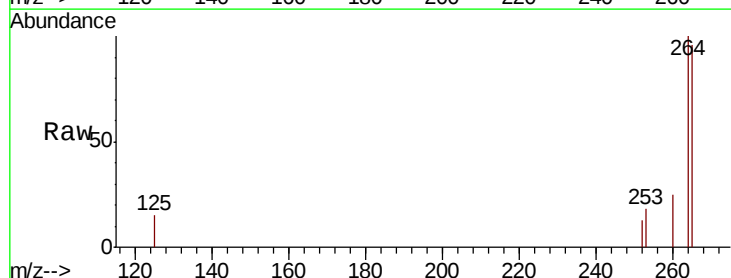
Tgt Ion:264 Resp: 5675

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

265 95.5 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

