

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\  
 Data File : BN010467.D  
 Acq On : 13 Apr 2020 14:59  
 Operator : CG/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Apr 13 15:31:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 13 14:54:53 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 4478     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.37 | 136  | 17998    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.24 | 164  | 11463    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.97 | 188  | 25703    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.19 | 240  | 26198    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.36 | 264  | 23318    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.25  | 112 | 7527  | 0.85 | ng | 0.00 |
| 5) Phenol-d6                | 6.80  | 99  | 9956  | 0.90 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.74  | 82  | 9535  | 0.83 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.96 | 152 | 22856 | 0.80 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.73 | 330 | 4068  | 0.92 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.85 | 172 | 32228 | 0.73 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.01 | 212 | 59744 | 0.77 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.62 | 244 | 46069 | 0.81 | ng | 0.00 |

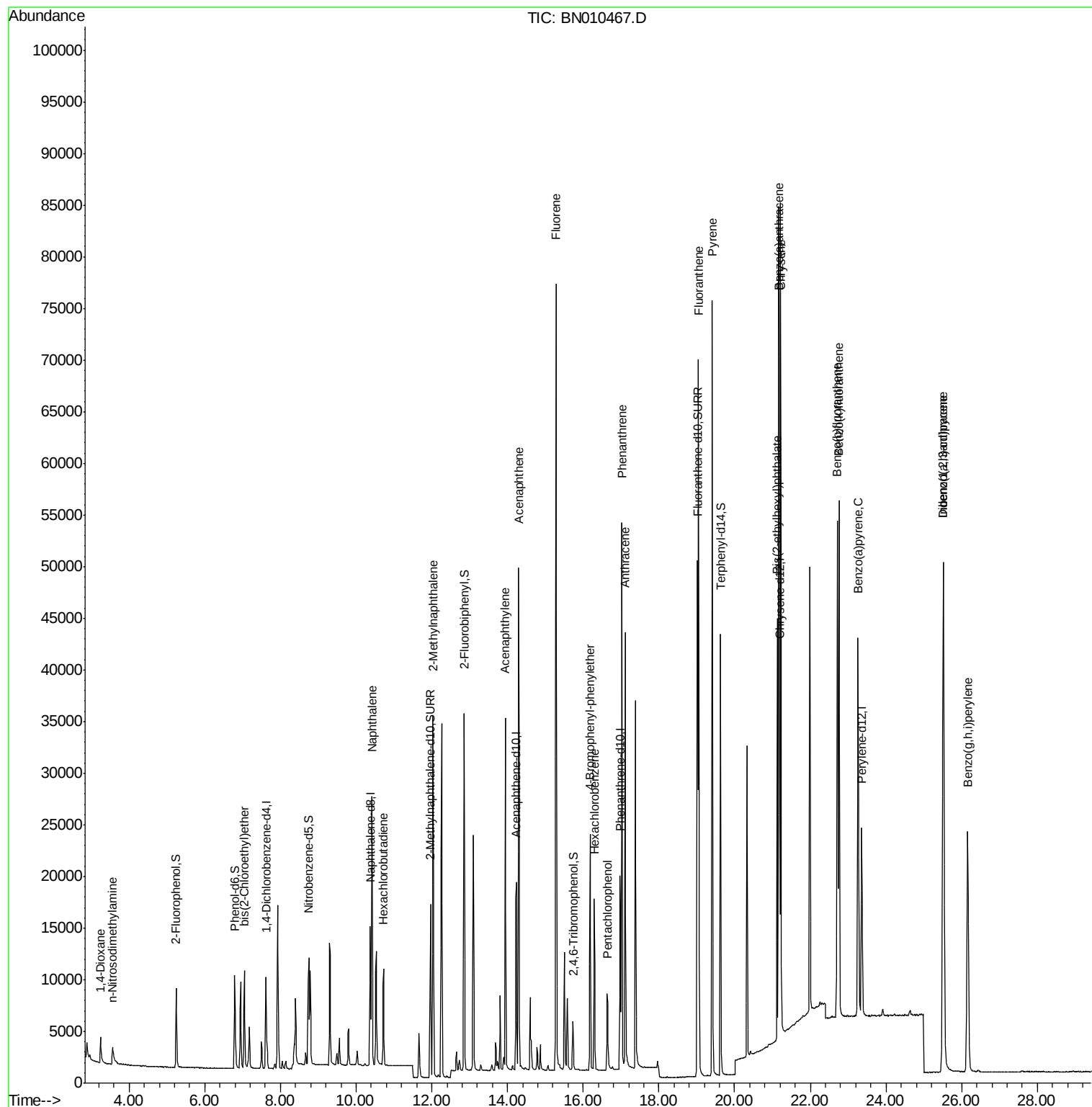
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.25  | 88  | 2581  | 0.614  | ng | 98   |
| 3) n-Nitrosodimethylamine      | 3.55  | 42  | 1641  | 0.462  | ng | # 91 |
| 6) bis(2-Chloroethyl)ether     | 7.04  | 93  | 8696  | 0.821  | ng | 98   |
| 9) Naphthalene                 | 10.42 | 128 | 34464 | 0.768  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.72 | 225 | 8327  | 0.765  | ng | # 99 |
| 12) 2-Methylnaphthalene        | 12.03 | 142 | 24801 | 0.797  | ng | 100  |
| 16) Acenaphthylene             | 13.95 | 152 | 37843 | 0.841  | ng | 100  |
| 17) Acenaphthene               | 14.29 | 154 | 23858 | 0.744  | ng | 99   |
| 18) Fluorene                   | 15.28 | 166 | 31869 | 0.749  | ng | 100  |
| 20) 4-Bromophenyl-phenylether  | 16.18 | 248 | 11099 | 0.712  | ng | # 83 |
| 21) Hexachlorobenzene          | 16.29 | 284 | 12370 | 0.772  | ng | 98   |
| 22) Pentachlorophenol          | 16.65 | 266 | 4496  | 0.820  | ng | 98   |
| 23) Phenanthrene               | 17.02 | 178 | 53642 | 0.759  | ng | 99   |
| 24) Anthracene                 | 17.11 | 178 | 48567 | 0.804  | ng | 100  |
| 26) Fluoranthene               | 19.05 | 202 | 67044 | 0.774  | ng | 100  |
| 28) Pyrene                     | 19.41 | 202 | 67680 | 0.830  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.16 | 228 | 65793 | 0.789  | ng | 100  |
| 31) Chrysene                   | 21.22 | 228 | 65295 | 0.730  | ng | 100  |
| 32) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 32221 | 1.144  | ng | 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.51 | 276 | 58760 | 0.613  | ng | 100  |
| 35) Benzo(b)fluoranthene       | 22.71 | 252 | 58139 | 0.734  | ng | 96   |
| 36) Benzo(k)fluoranthene       | 22.76 | 252 | 58539 | 0.726  | ng | 96   |
| 37) Benzo(a)pyrene             | 23.26 | 252 | 51363 | 0.768  | ng | 94   |
| 38) Dibenzo(a,h)anthracene     | 25.52 | 278 | 47789 | 0.661  | ng | 96   |
| 39) Benzo(g,h,i)perylene       | 26.16 | 276 | 47582 | 0.654  | ng | 99   |

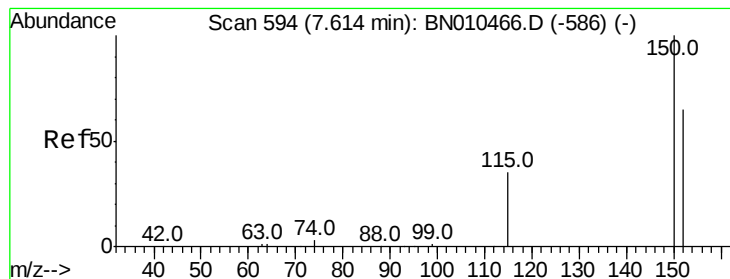
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 13 14:54:53 2020  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 594

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

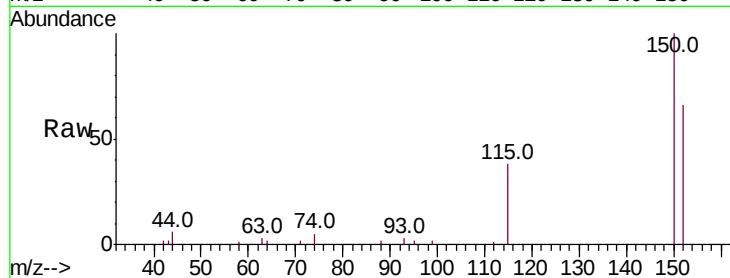
Tot Ion:152 Resp: 4478

Ion Ratio Lower Upper

152 100

150 150.6 121.8 182.6

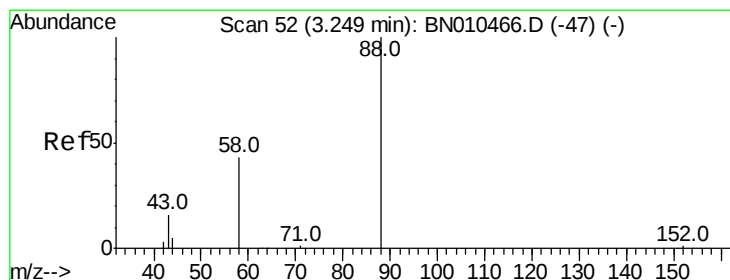
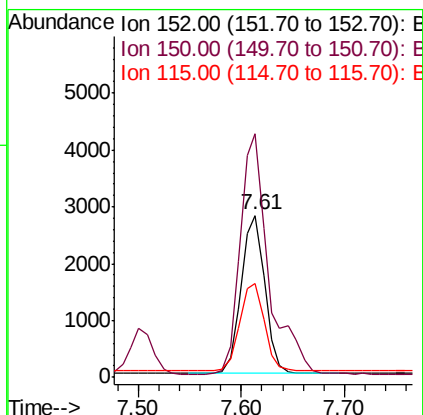
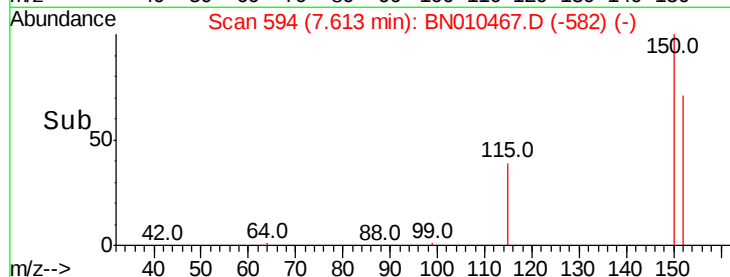
115 57.7 45.5 68.3



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



#2

1,4-Dioxane

Concen: 0.614 ng

RT: 3.25 min Scan# 52

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

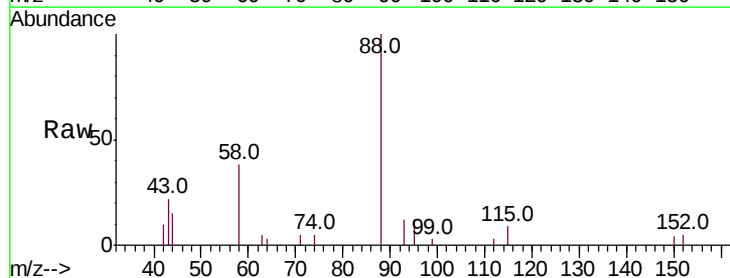
Tgt Ion: 88 Resp: 2581

Ion Ratio Lower Upper

88 100

58 47.0 36.5 54.7

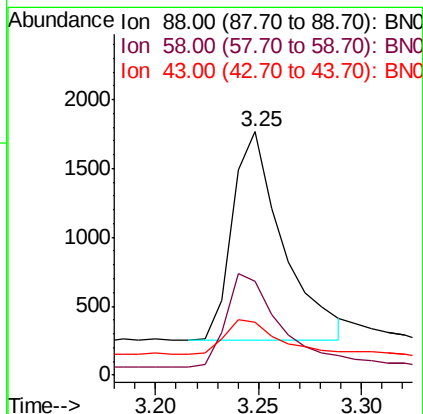
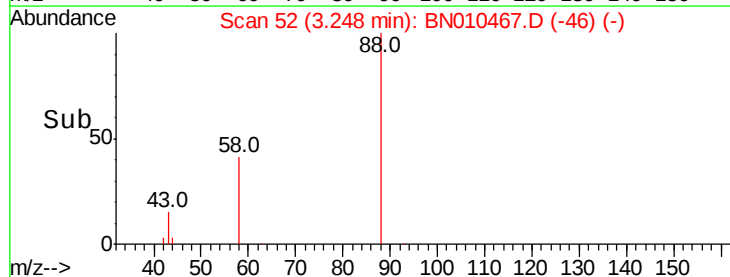
43 17.1 13.2 19.8



Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



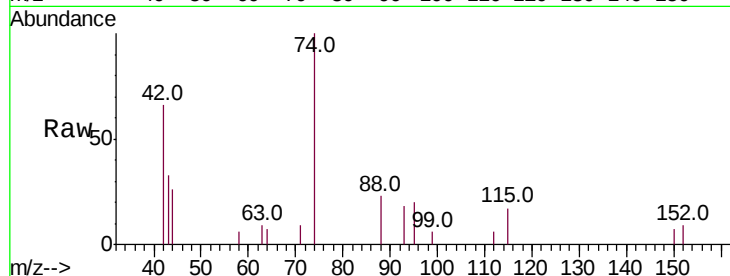


#3

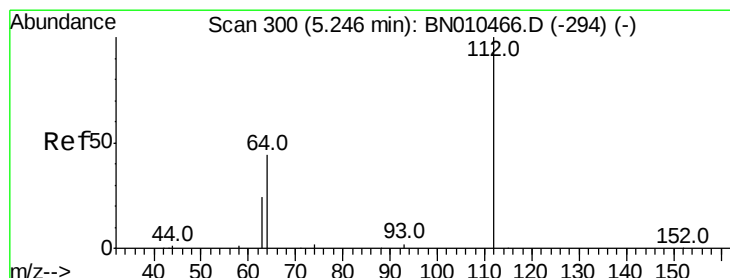
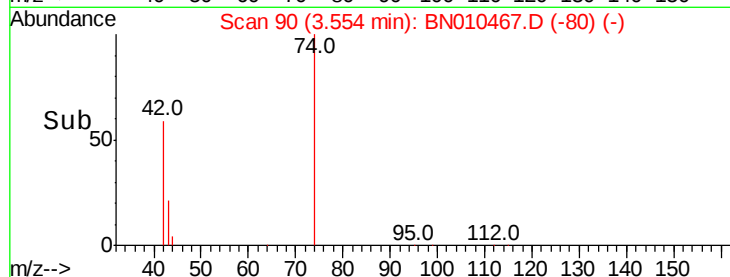
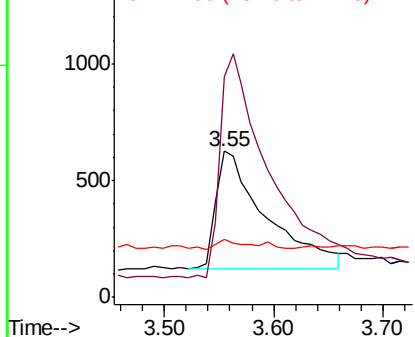
n-Nitrosodimethylamine  
 Concen: 0.462 ng  
 RT: 3.55 min Scan# 90  
 Delta R.T. -0.02 min  
 Lab File: BN010467.D  
 Acq: 13 Apr 2020 14:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

Tot Ion: 42 Resp: 1641  
 Ion Ratio Lower Upper  
 42 100  
 74 189.5 162.2 243.4  
 44 5.5 2.4 3.6#



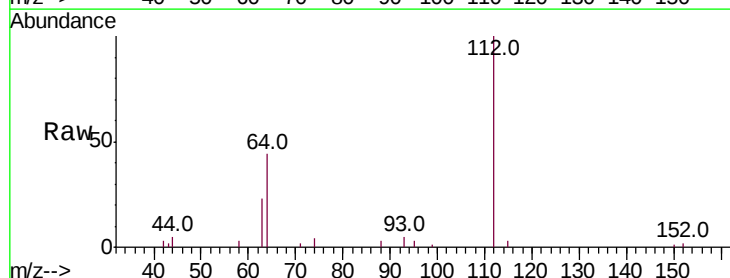
Abundance Ion 42.00 (41.70 to 42.70): BN0  
 Ion 74.00 (73.70 to 74.70): BN0  
 Ion 44.00 (43.70 to 44.70): BN0



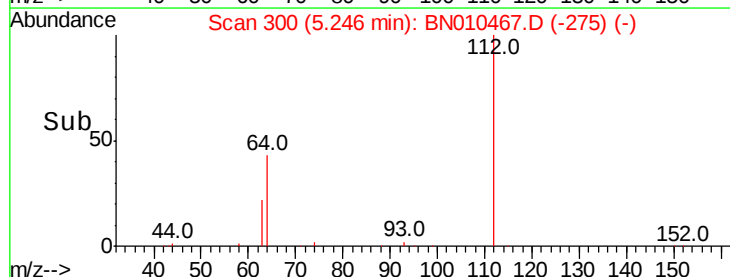
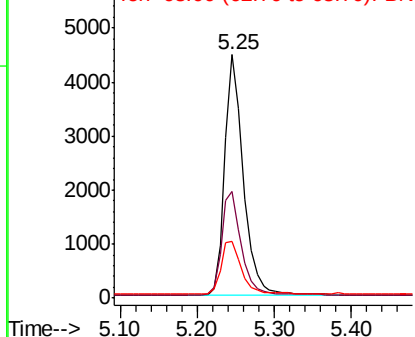
#4

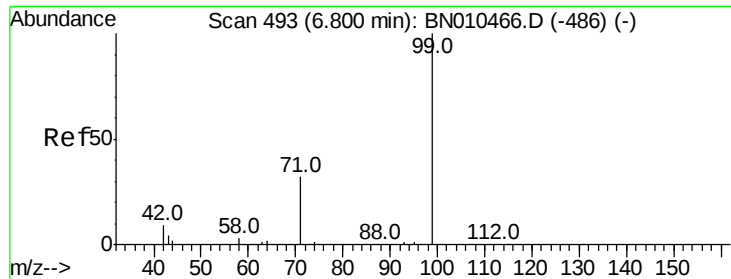
2-Fluorophenol  
 Concen: 0.849 ng  
 RT: 5.25 min Scan# 300  
 Delta R.T. -0.00 min  
 Lab File: BN010467.D  
 Acq: 13 Apr 2020 14:59

Tgt Ion: 112 Resp: 7527  
 Ion Ratio Lower Upper  
 112 100  
 64 45.3 35.8 53.8  
 63 23.6 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): E  
 Ion 64.00 (63.70 to 64.70): BN0  
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.903 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

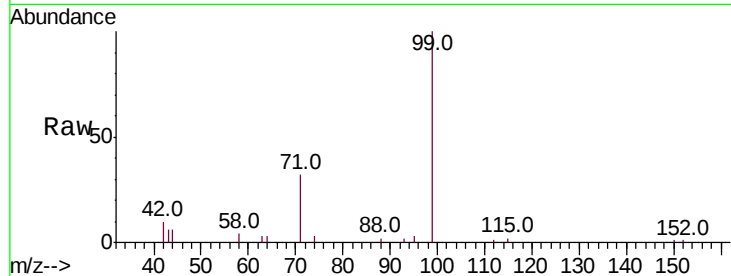
Tot Ion: 99 Resp: 9956

Ion Ratio Lower Upper

99 100

42 12.1 9.8 14.6

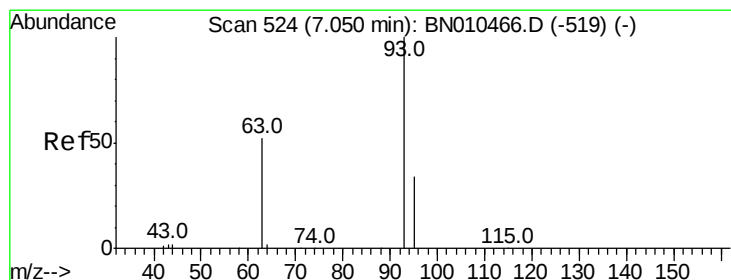
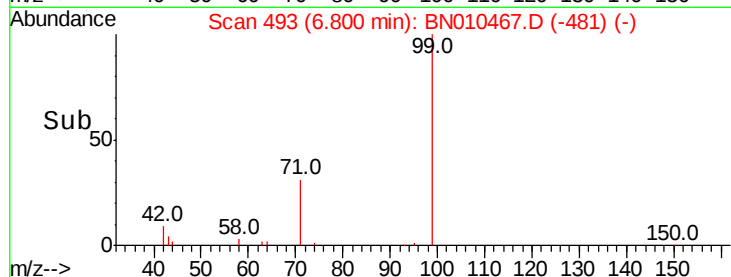
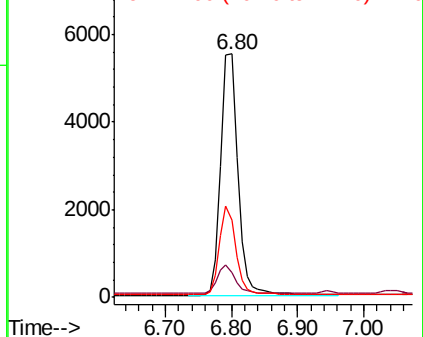
71 35.0 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.821 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

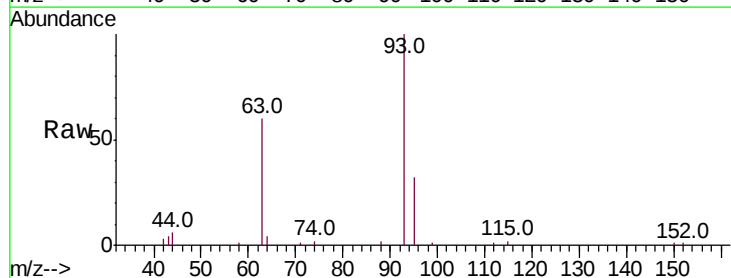
Tgt Ion: 93 Resp: 8696

Ion Ratio Lower Upper

93 100

63 55.0 44.6 66.8

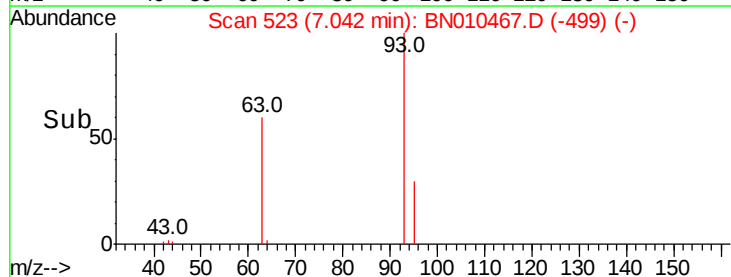
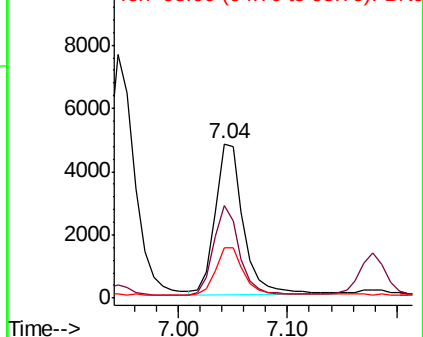
95 31.0 26.5 39.7

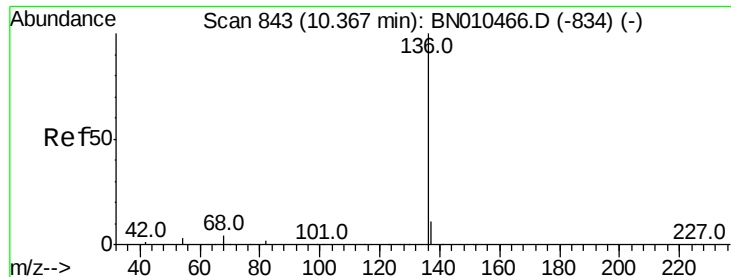


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 17998

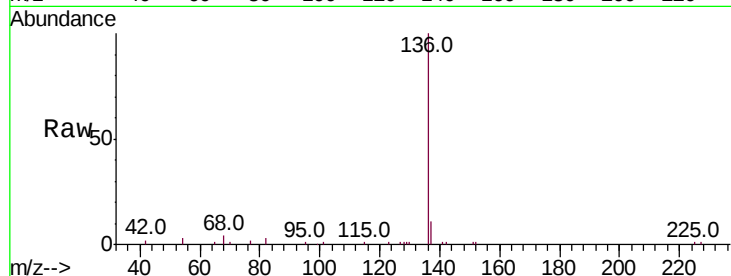
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 3.4 2.6 4.0

68 4.3 3.4 5.2

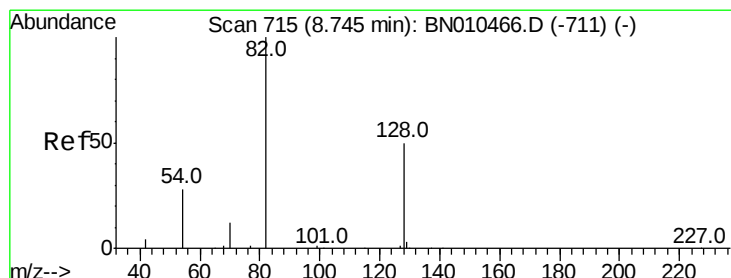
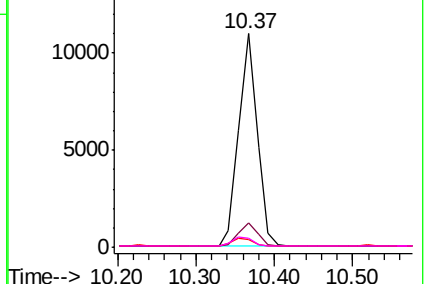
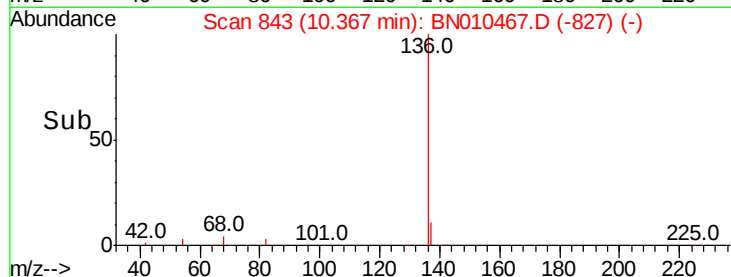


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.827 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

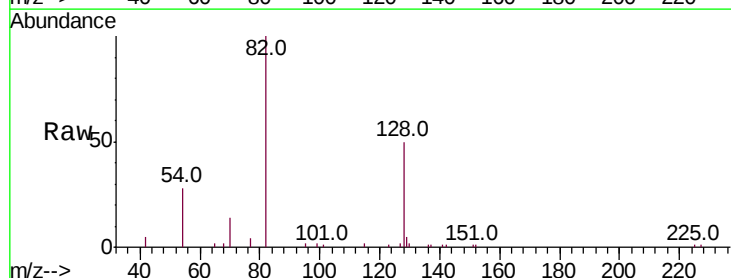
Tgt Ion: 82 Resp: 9535

Ion Ratio Lower Upper

82 100

128 49.9 41.3 61.9

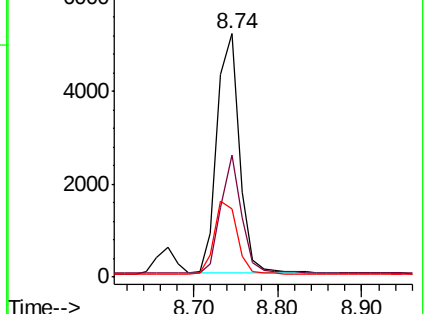
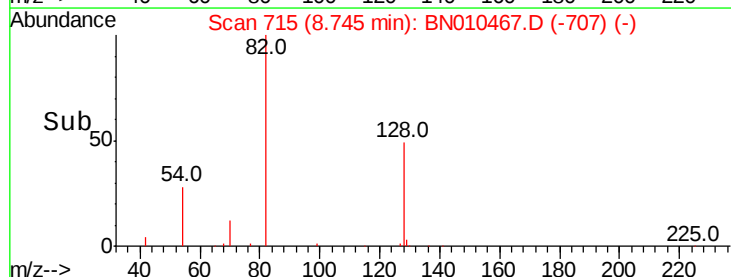
54 28.2 23.4 35.0

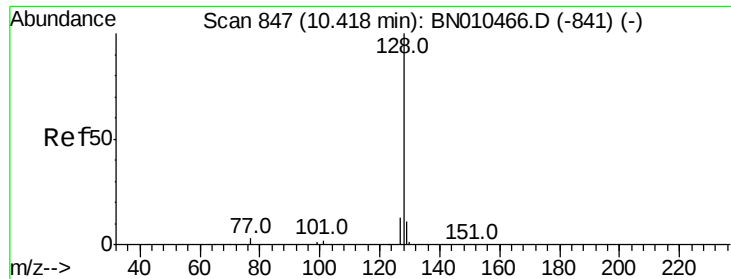


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.768 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

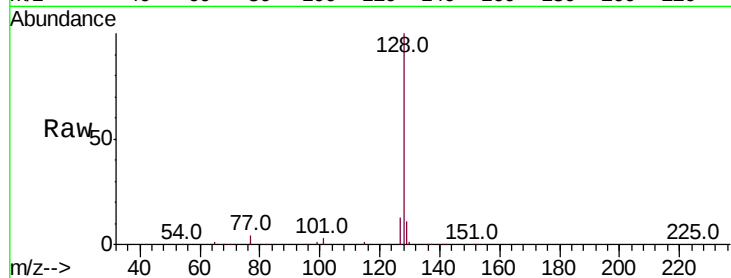
Tot Ion:128 Resp: 34464

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

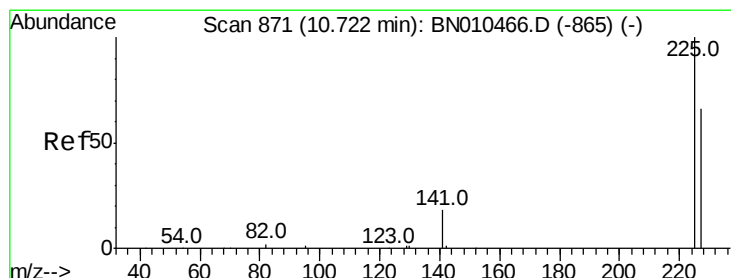
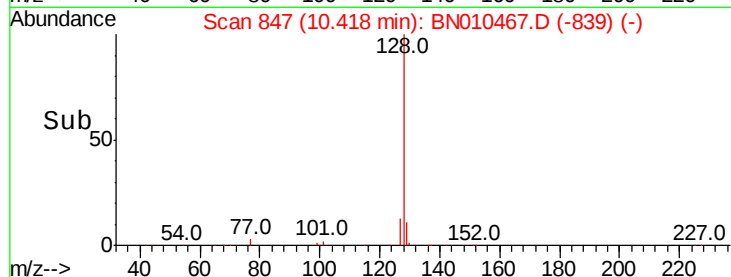
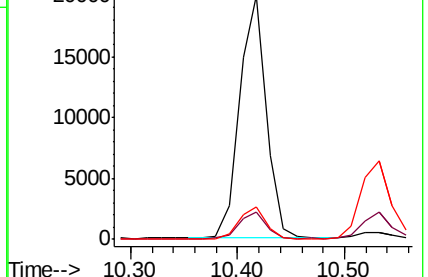
127 13.3 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.765 ng

RT: 10.72 min Scan# 871

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

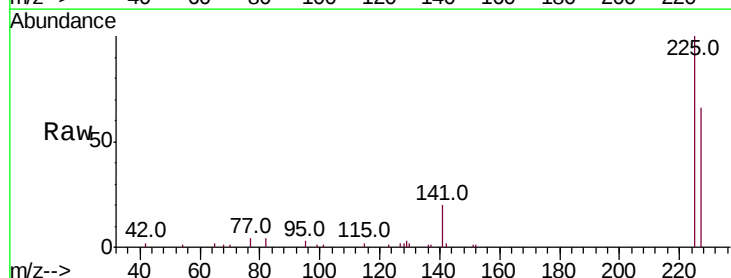
Tgt Ion:225 Resp: 8327

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

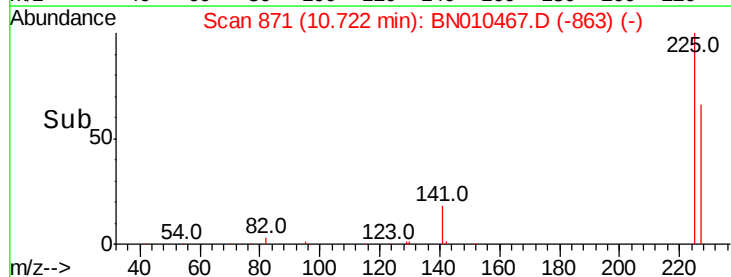
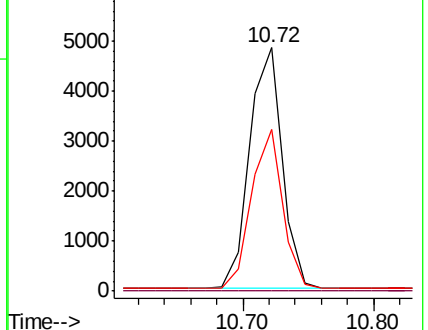
227 62.8 50.6 76.0

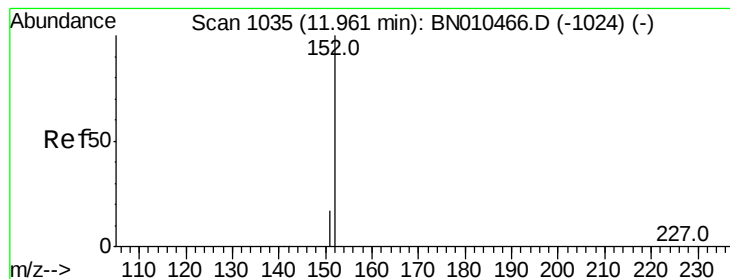


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.795 ng

RT: 11.96 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

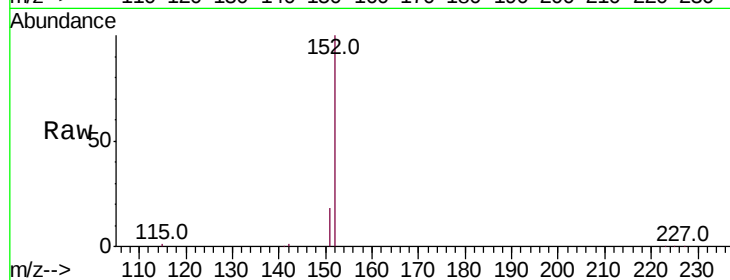
SSTDIC0.8

Tot Ion:152 Resp: 22856

Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

15000

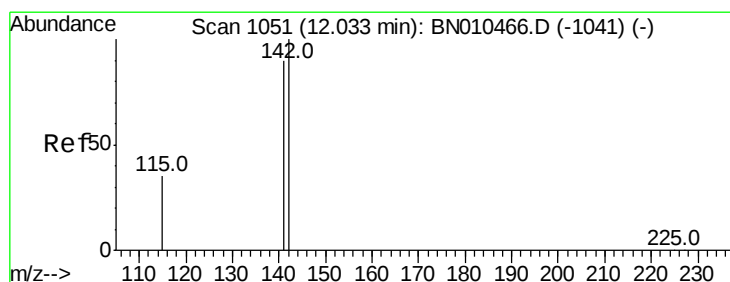
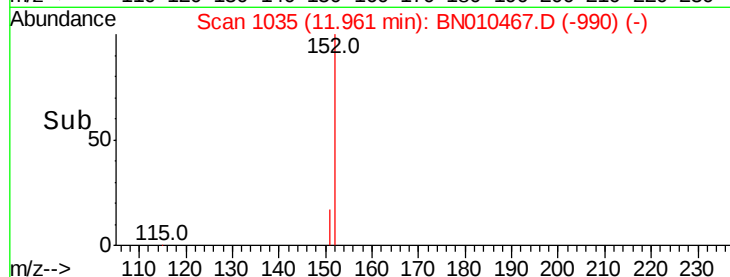
10000

5000

0

11.96

Time-->



#12

2-Methylnaphthalene

Concen: 0.797 ng

RT: 12.03 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

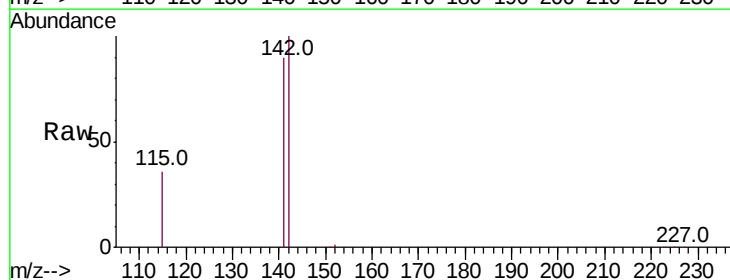
Tgt Ion:142 Resp: 24801

Ion Ratio Lower Upper

142 100

141 89.8 71.9 107.9

115 35.6 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

20000

15000

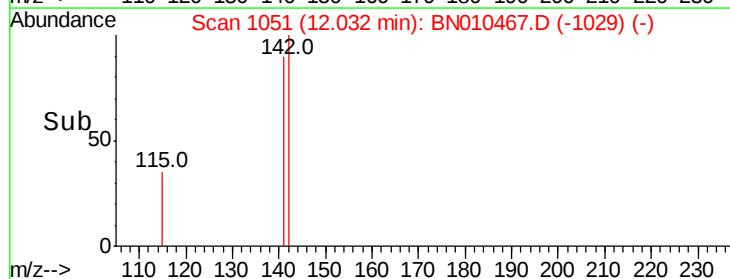
10000

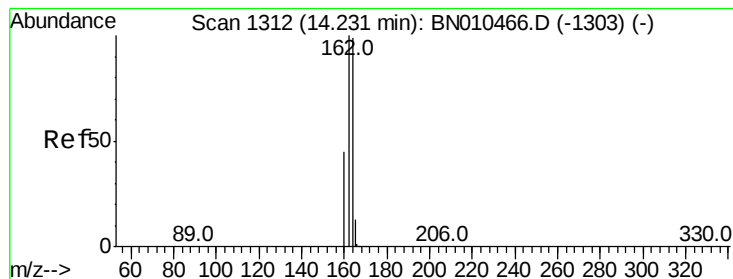
5000

0

12.03

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.8

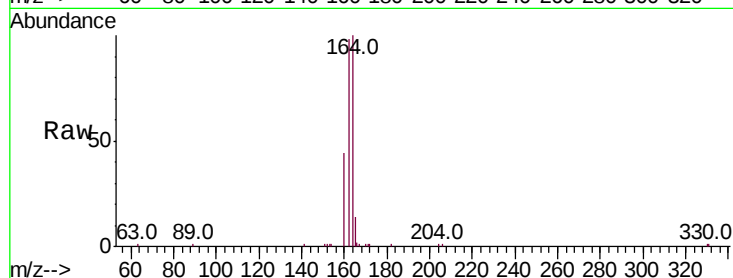
Tot Ion:164 Resp: 11463

Ion Ratio Lower Upper

164 100

162 97.8 80.6 121.0

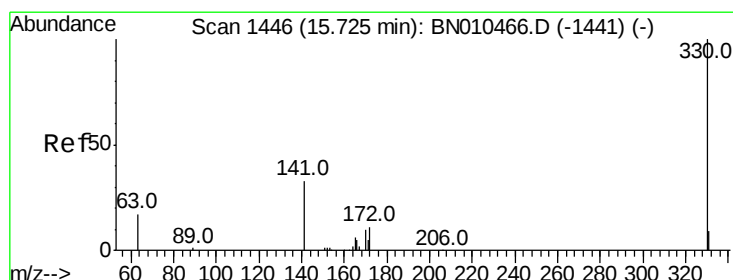
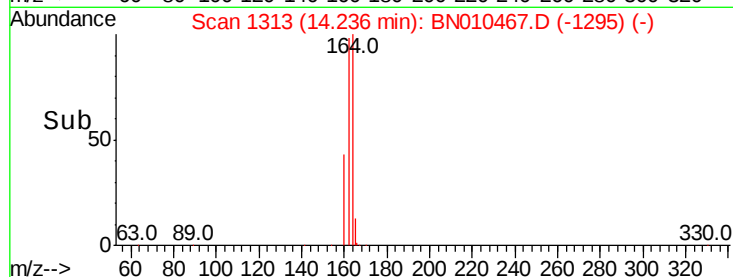
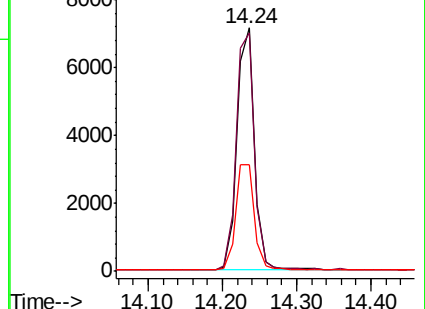
160 43.7 36.5 54.7



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: 0.923 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

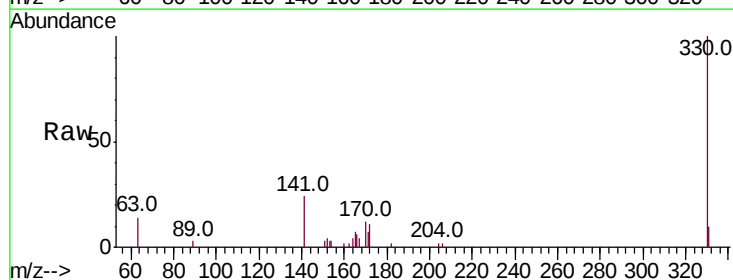
Tgt Ion:330 Resp: 4068

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

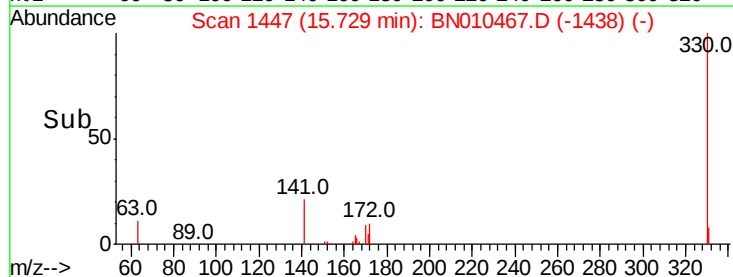
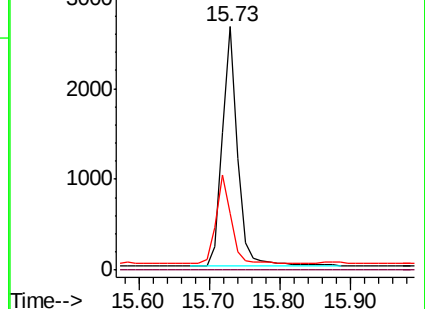
141 36.8 28.1 42.1

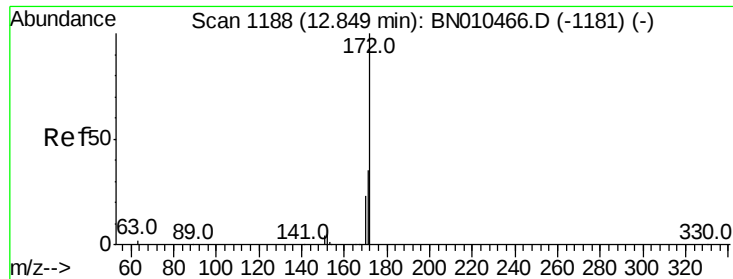


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

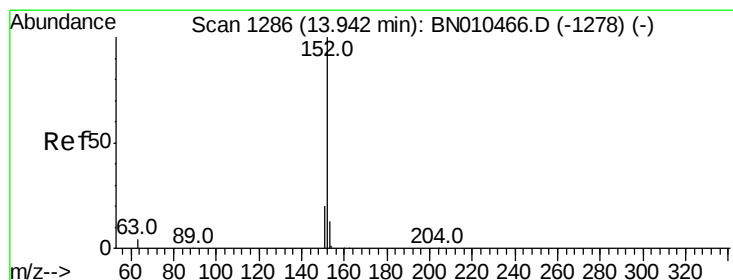
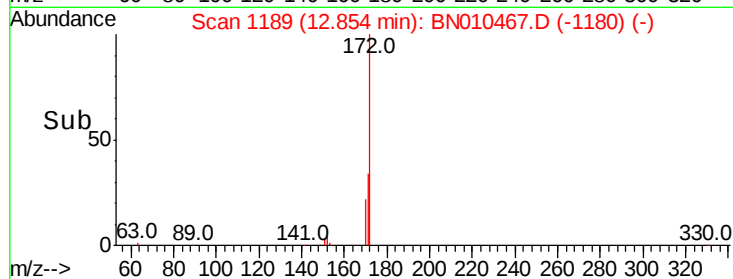
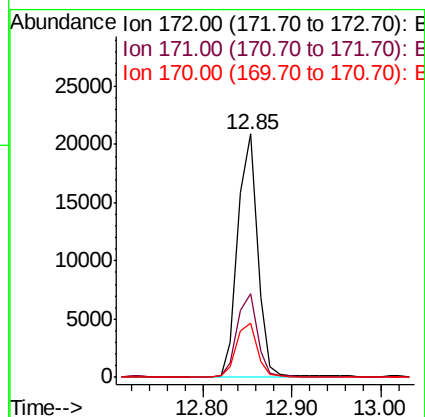
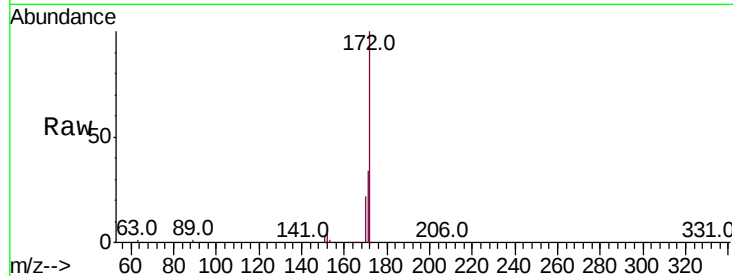




#15  
2-Fluorobiphenyl  
Concen: 0.735 ng  
RT: 12.85 min Scan# 1189  
Delta R.T. 0.00 min  
Lab File: BN010467.D  
Acq: 13 Apr 2020 14:59

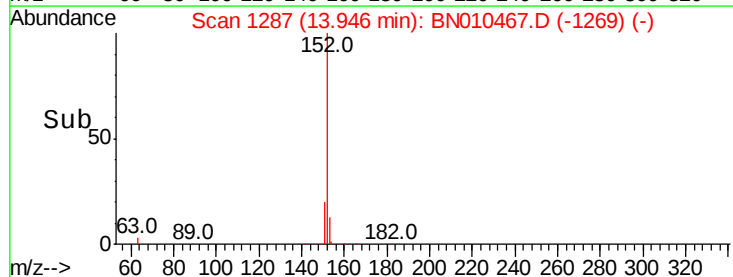
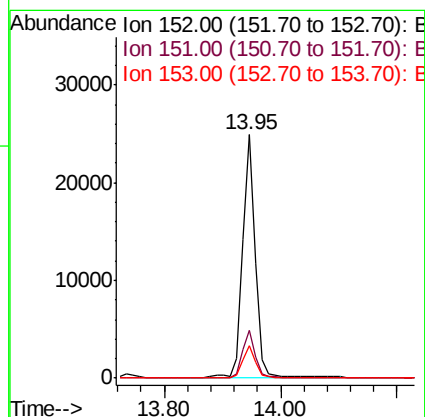
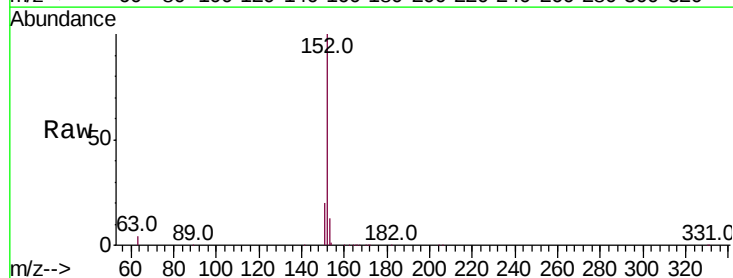
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.8

Tot Ion:172 Resp: 32228  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.2 42.2  
170 22.3 18.4 27.6



#16  
Acenaphthylene  
Concen: 0.841 ng  
RT: 13.95 min Scan# 1287  
Delta R.T. 0.00 min  
Lab File: BN010467.D  
Acq: 13 Apr 2020 14:59

Tgt Ion:152 Resp: 37843  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.7 23.5  
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.744 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

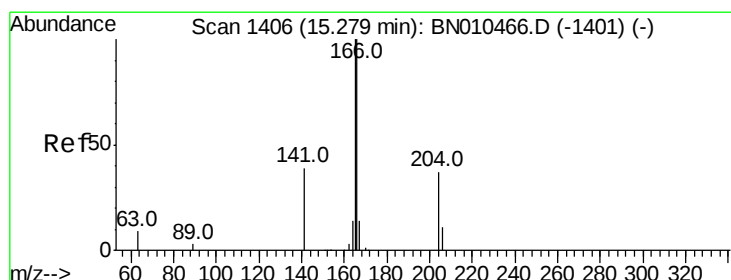
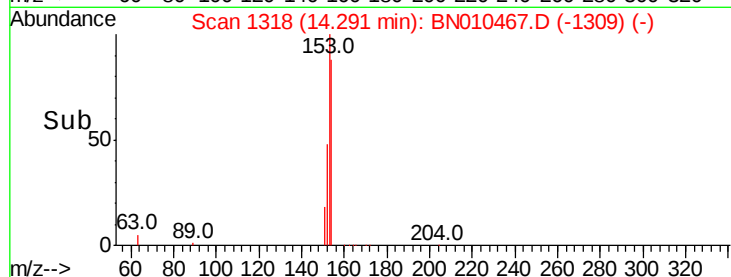
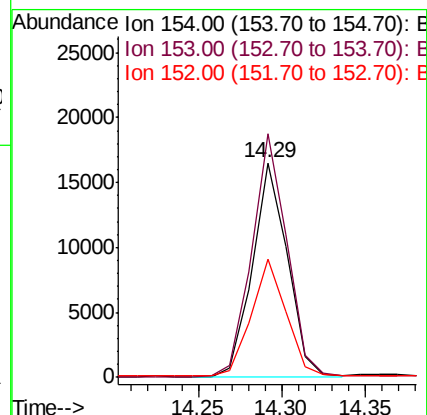
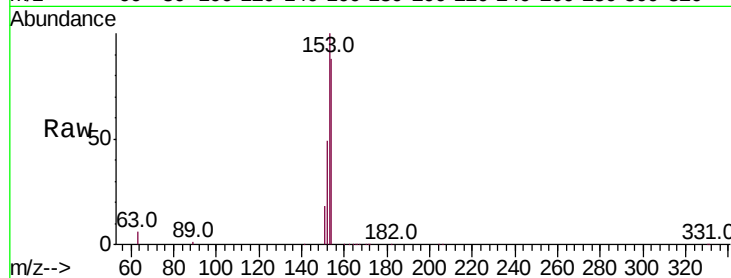
Tot Ion:154 Resp: 23858

Ion Ratio Lower Upper

154 100

153 114.6 91.0 136.4

152 55.4 44.6 67.0



#18

Fluorene

Concen: 0.749 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

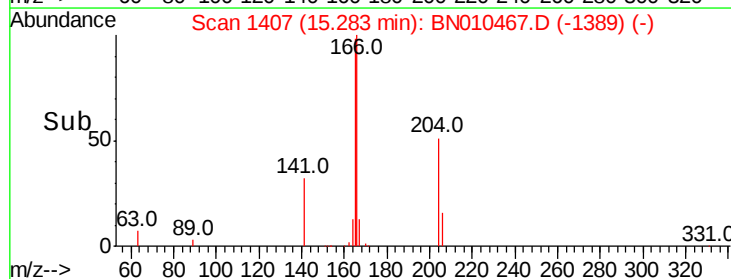
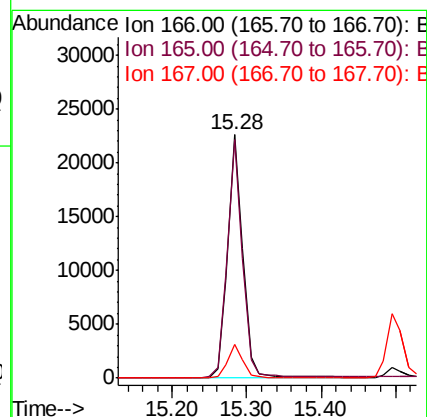
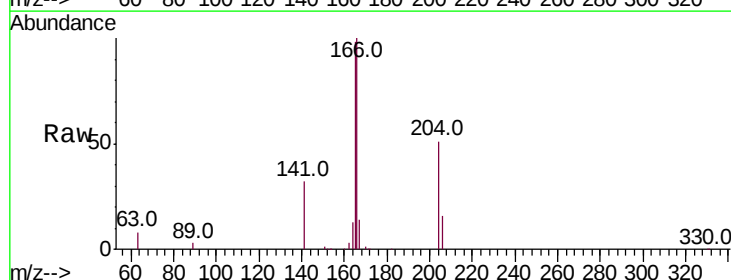
Tgt Ion:166 Resp: 31869

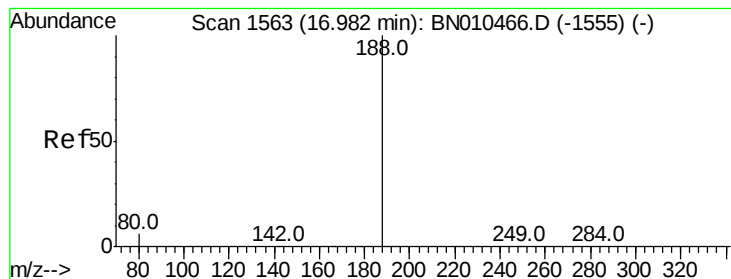
Ion Ratio Lower Upper

166 100

165 97.6 78.4 117.6

167 13.6 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.97 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

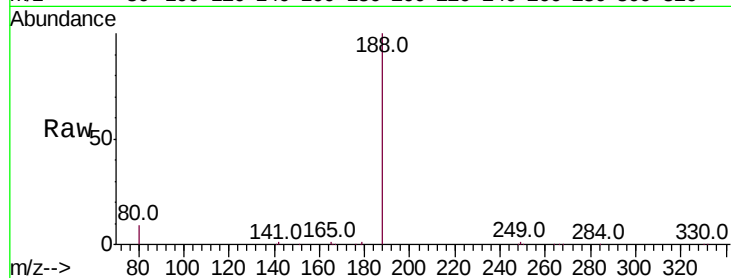
Tot Ion:188 Resp: 25703

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

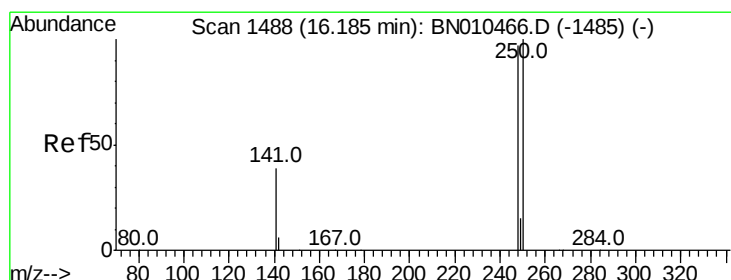
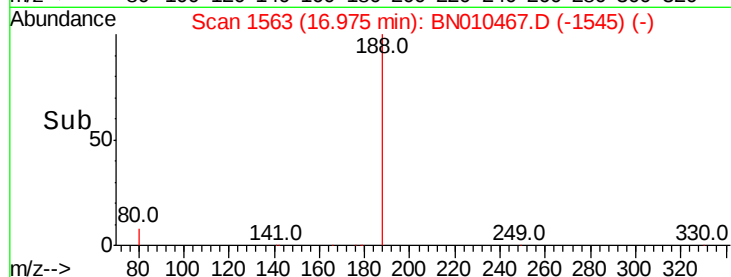
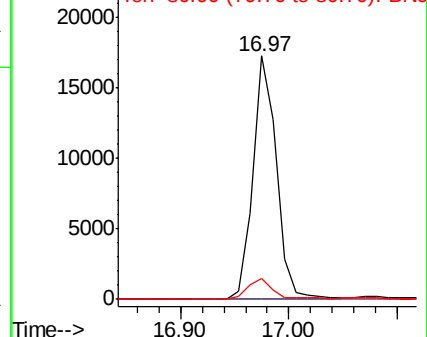
80 8.7 5.0 7.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.712 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

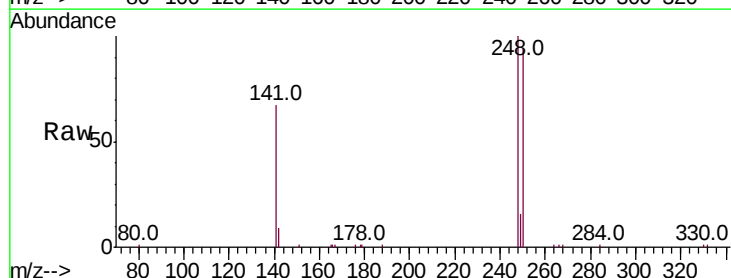
Tgt Ion:248 Resp: 11099

Ion Ratio Lower Upper

248 100

250 93.5 82.3 123.5

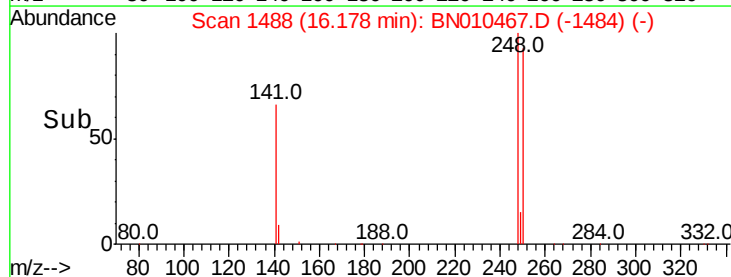
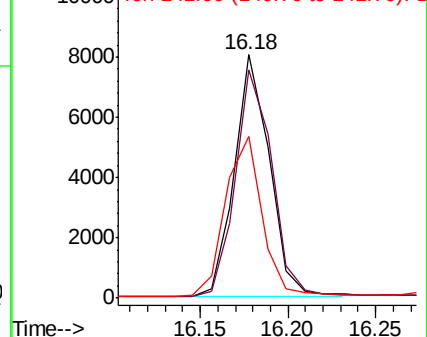
141 66.6 35.2 52.8#

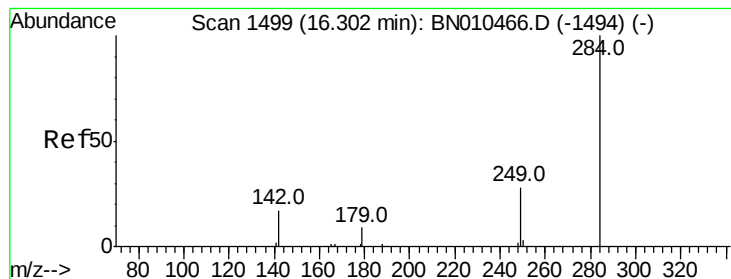


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.772 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

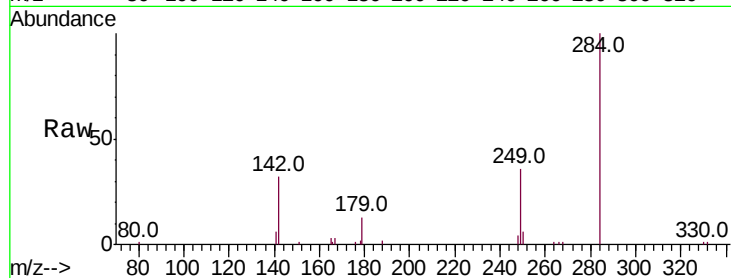
Tot Ion:284 Resp: 12370

Ion Ratio Lower Upper

284 100

142 32.6 25.5 38.3

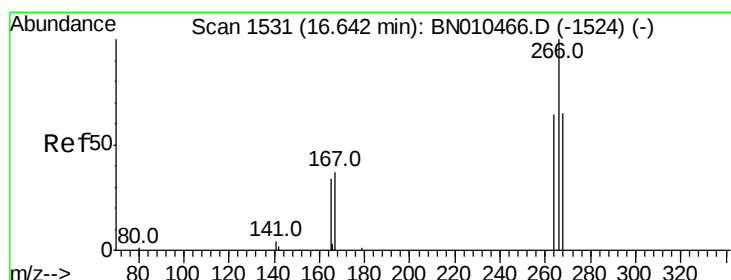
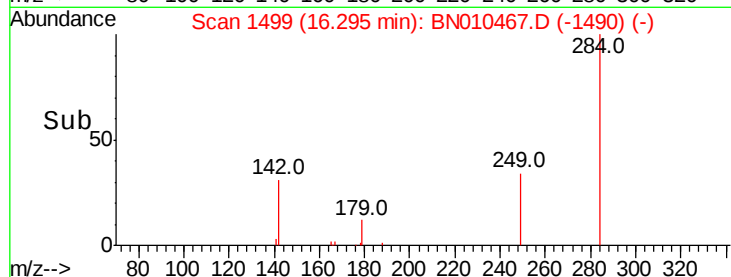
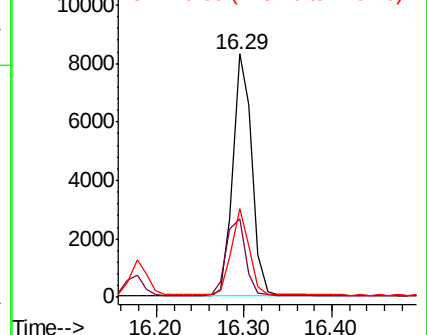
249 33.4 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.820 ng

RT: 16.65 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

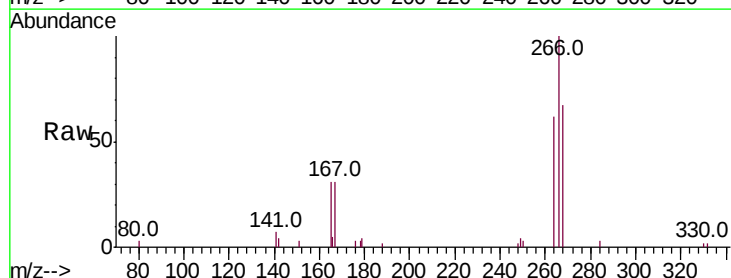
Tgt Ion:266 Resp: 4496

Ion Ratio Lower Upper

266 100

264 61.6 51.8 77.6

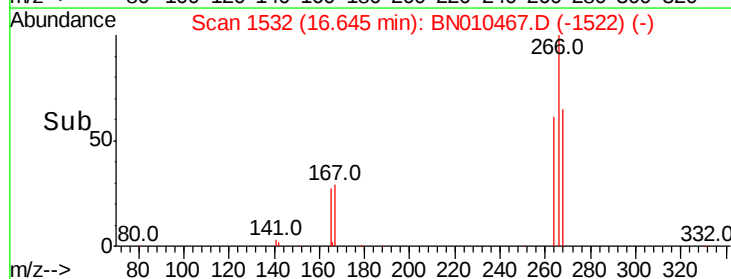
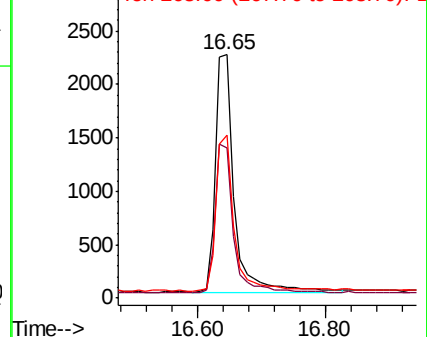
268 67.1 53.7 80.5



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.759 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

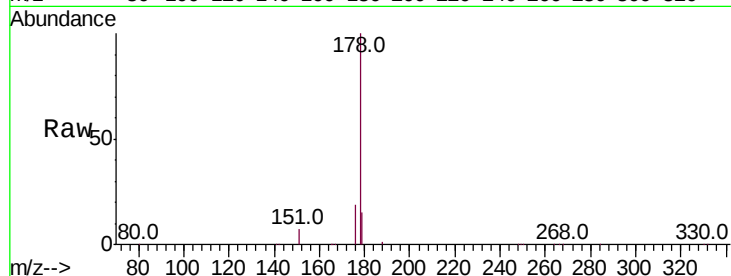
Tot Ion:178 Resp: 53642

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

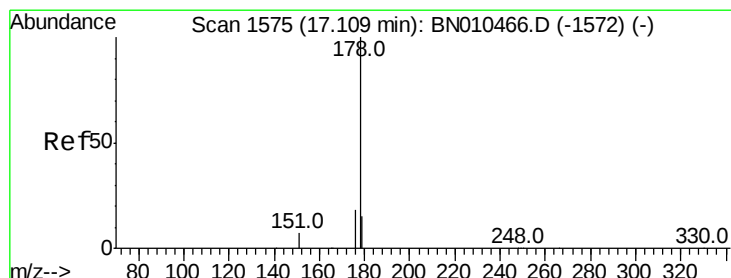
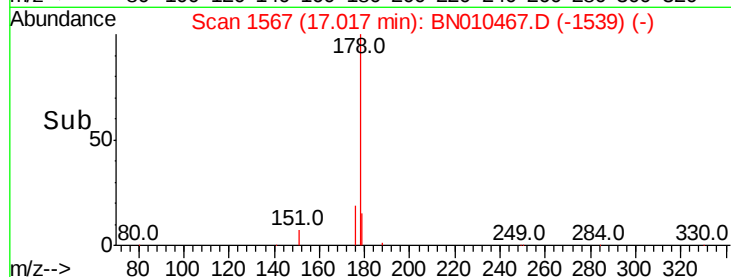
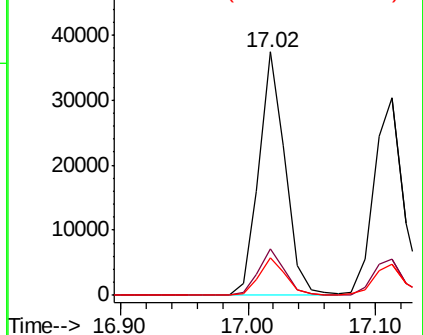
179 15.2 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.804 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

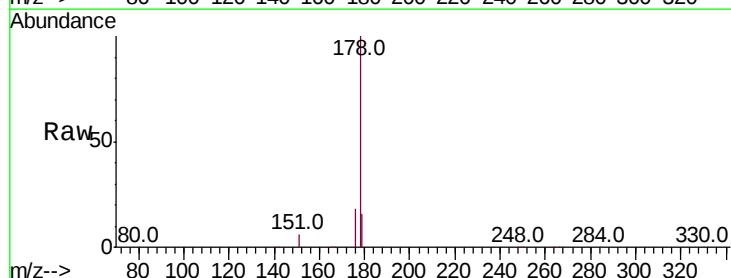
Tgt Ion:178 Resp: 48567

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

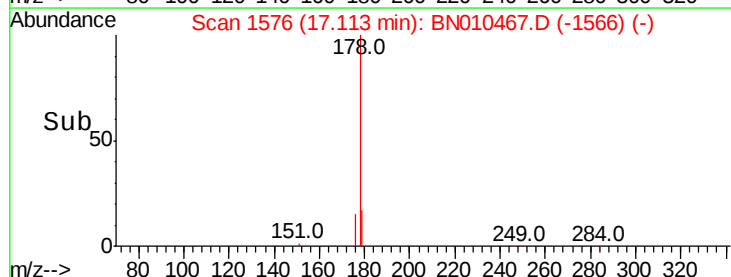
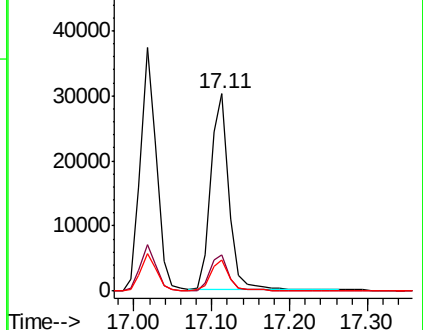
179 15.5 12.2 18.2

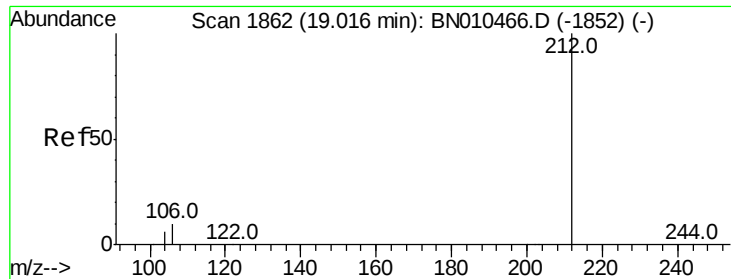


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

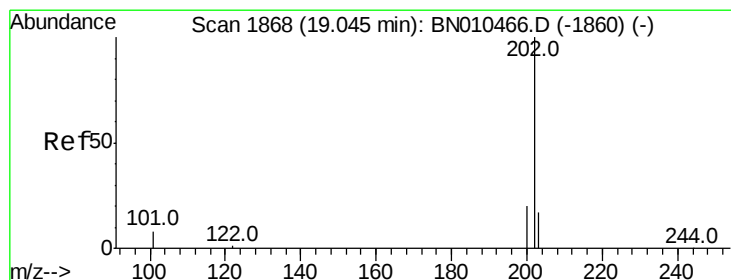
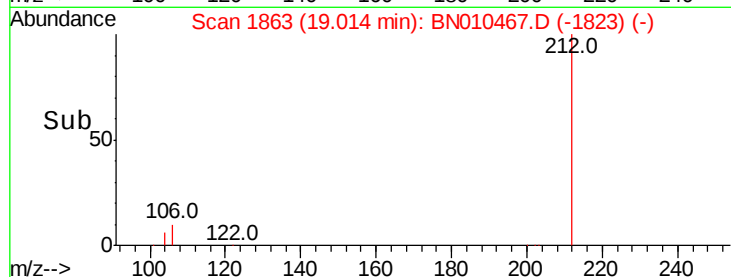
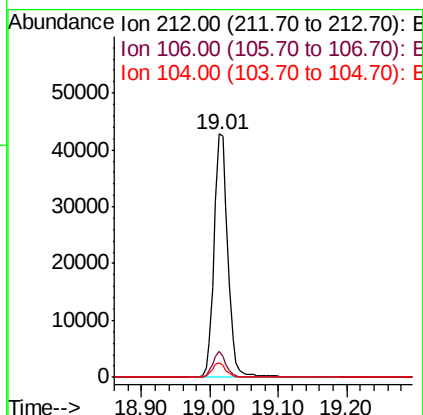
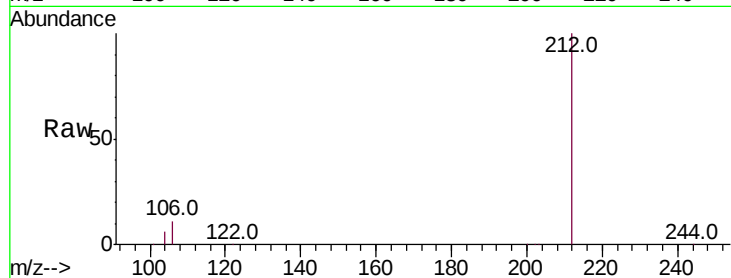




#25  
 Fluoranthene-d10  
 Concen: 0.771 ng  
 RT: 19.01 min Scan# 1863  
 Delta R.T. -0.00 min  
 Lab File: BN010467.D  
 Acq: 13 Apr 2020 14:59

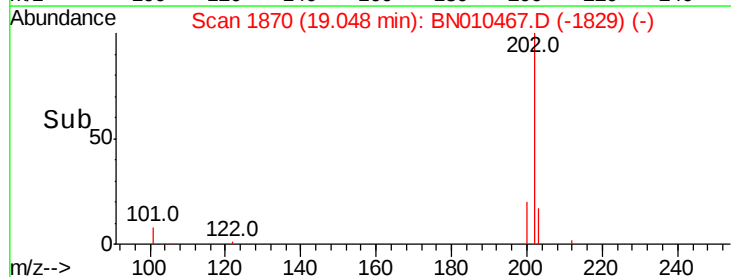
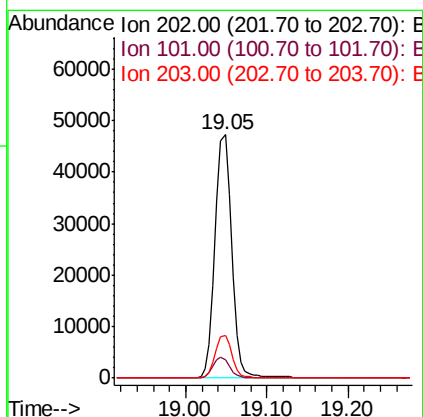
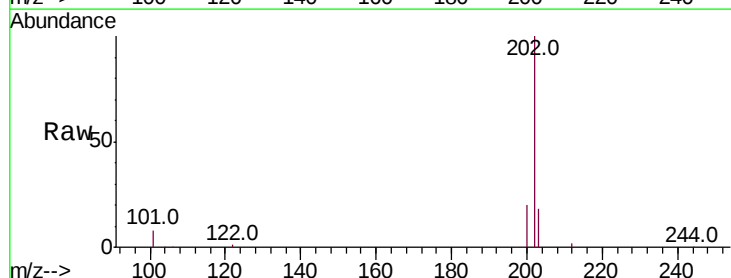
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

Tot Ion:212 Resp: 59744  
 Ion Ratio Lower Upper  
 212 100  
 106 9.8 7.8 11.6  
 104 5.7 4.5 6.7



#26  
 Fluoranthene  
 Concen: 0.774 ng  
 RT: 19.05 min Scan# 1870  
 Delta R.T. 0.00 min  
 Lab File: BN010467.D  
 Acq: 13 Apr 2020 14:59

Tgt Ion:202 Resp: 67044  
 Ion Ratio Lower Upper  
 202 100  
 101 8.5 6.9 10.3  
 203 17.2 13.9 20.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

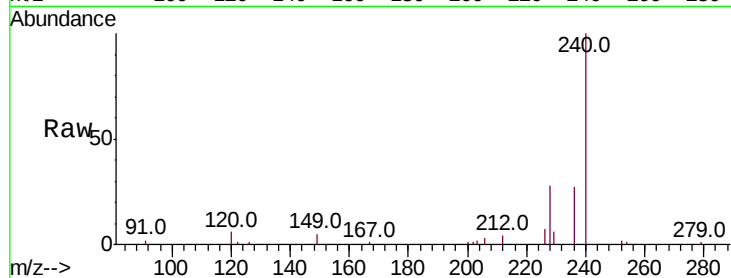
Tot Ion:240 Resp: 26198

Ion Ratio Lower Upper

240 100

120 6.5 4.8 7.2

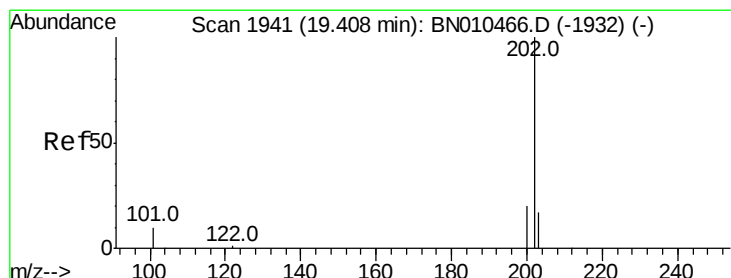
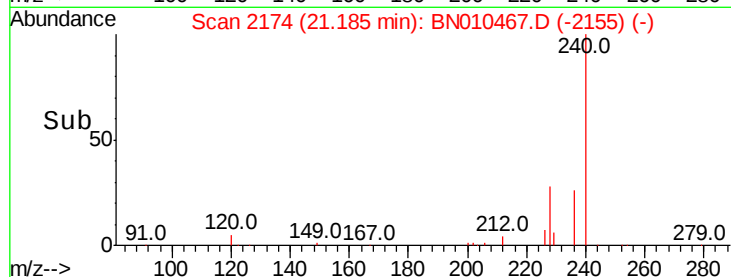
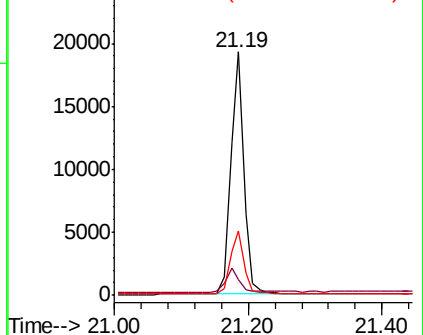
236 26.7 21.4 32.0



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



#28

Pyrene

Concen: 0.830 ng

RT: 19.41 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

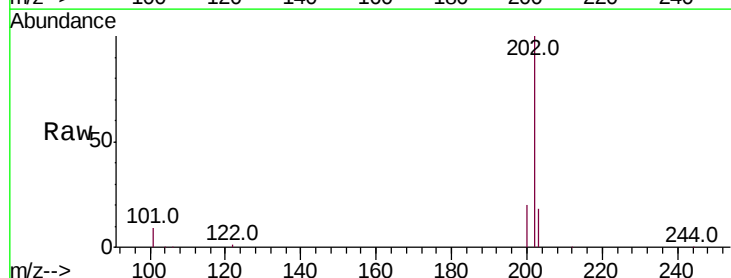
Tgt Ion:202 Resp: 67680

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

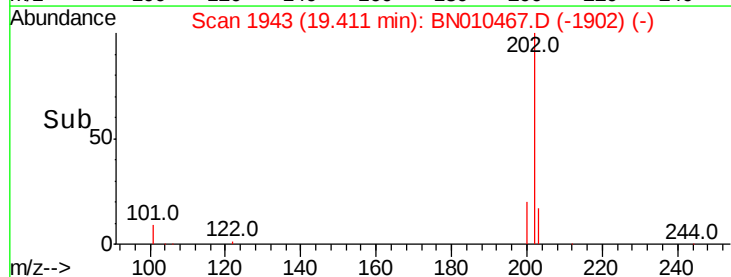
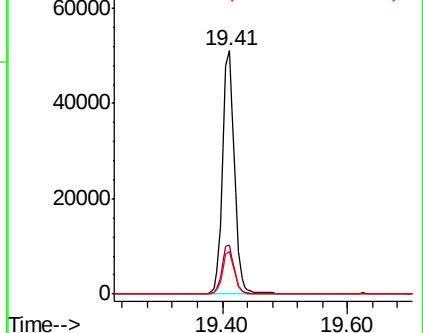
203 17.4 14.0 21.0

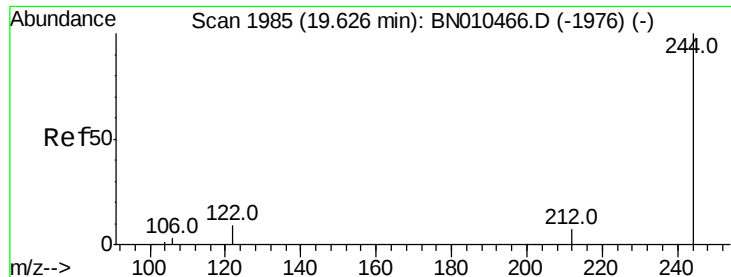


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.814 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

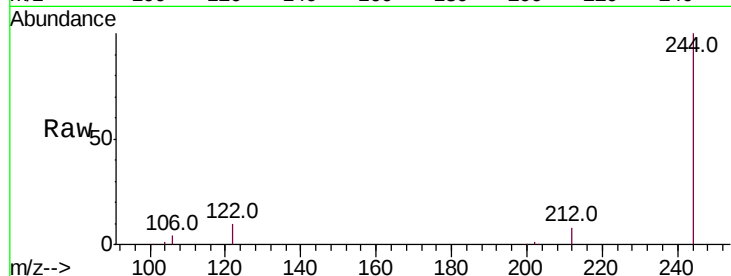
Tot Ion:244 Resp: 46069

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

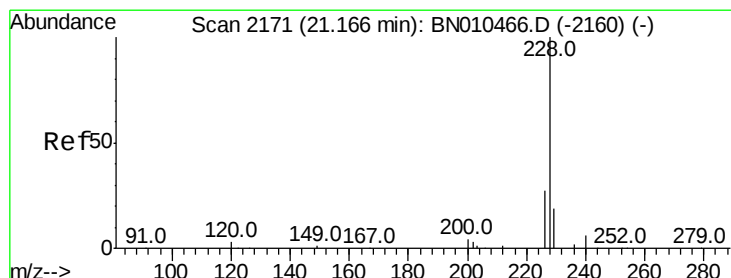
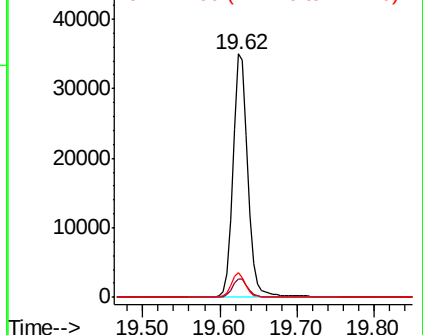
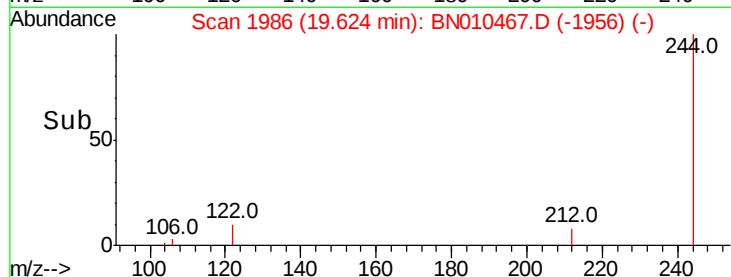
122 9.9 7.8 11.8



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



#30

Benzo(a)anthracene

Concen: 0.789 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

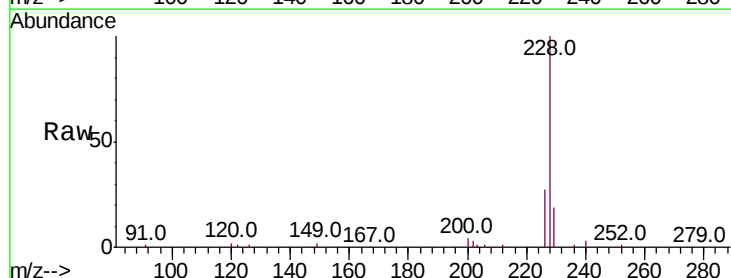
Tgt Ion:228 Resp: 65793

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

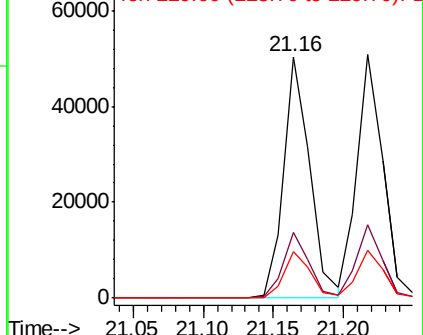
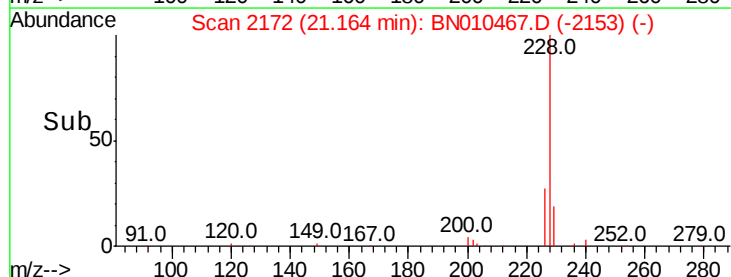
229 19.5 15.6 23.4

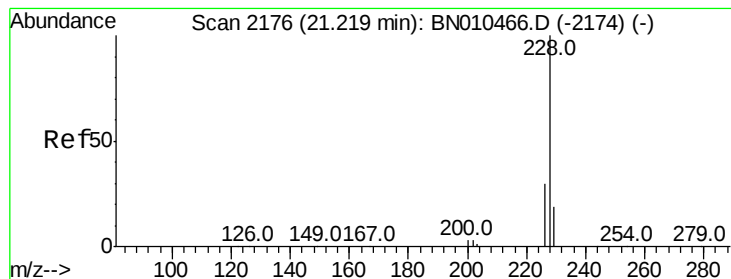


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.730 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

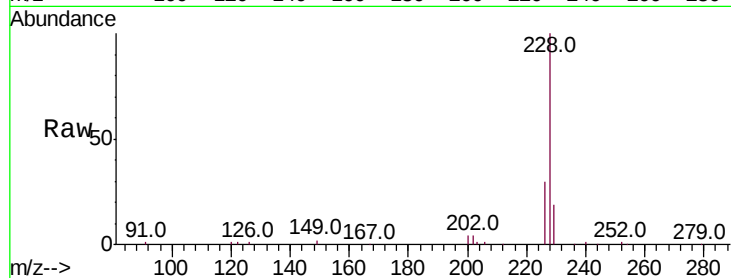
BNA\_N

ClientSampleId :

SSTDIC0.8

Tot Ion:228 Resp: 65295

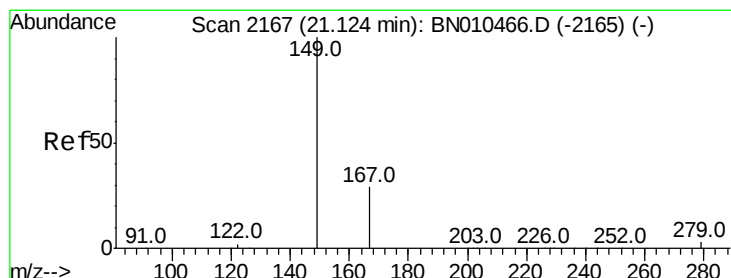
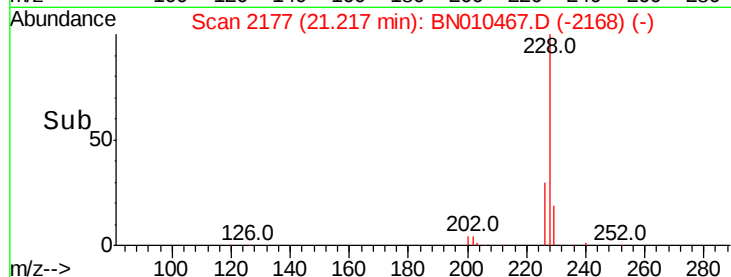
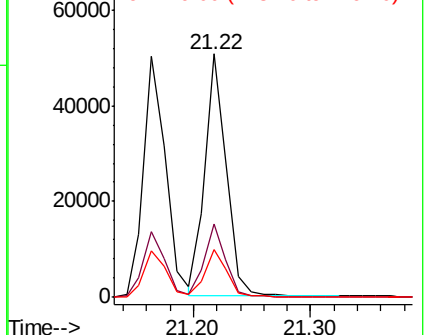
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.9  | 24.0  | 36.0  |
| 229 | 19.4  | 15.8  | 23.6  |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.144 ng

RT: 21.12 min Scan# 2168

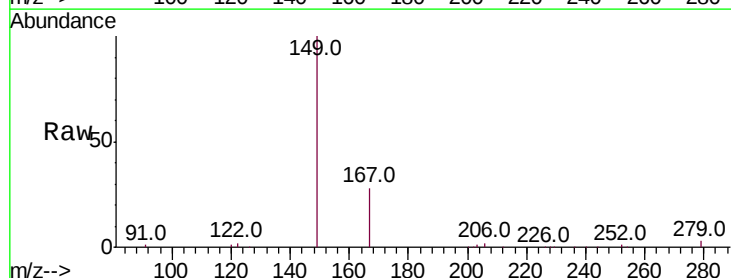
Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Tgt Ion:149 Resp: 32221

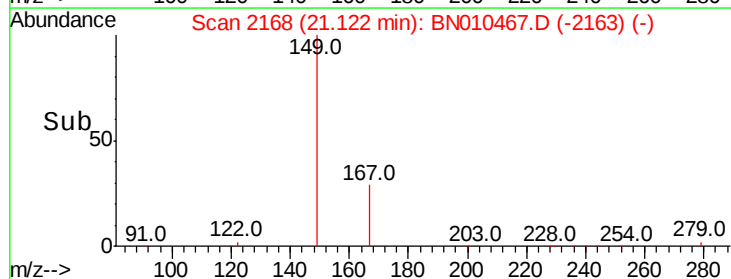
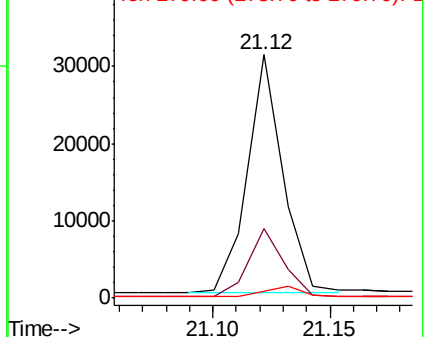
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.9  | 23.4  | 35.0  |
| 279 | 4.7   | 4.0   | 6.0   |

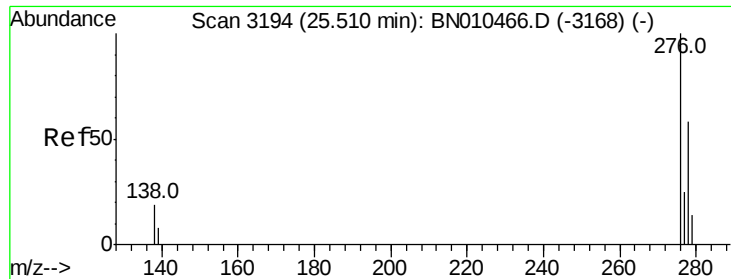


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

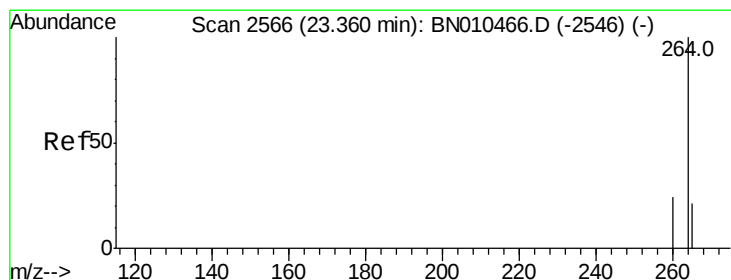
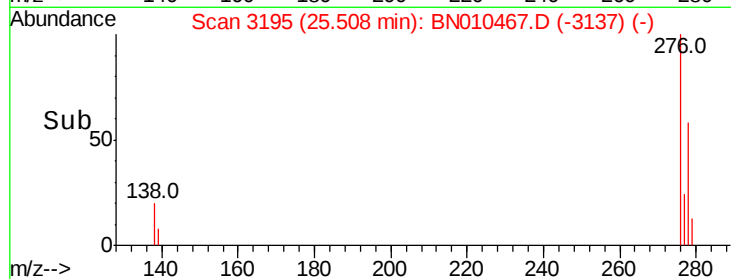
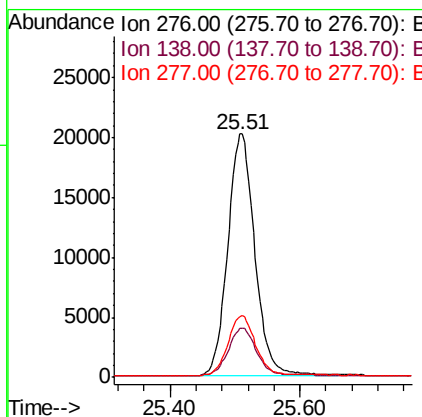
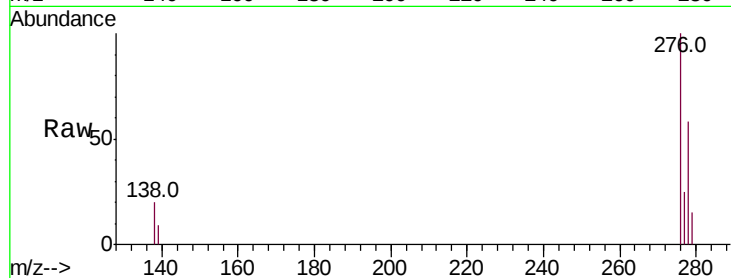




#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.613 ng  
 RT: 25.51 min Scan# 3195  
 Delta R.T. -0.00 min  
 Lab File: BN010467.D  
 Acq: 13 Apr 2020 14:59

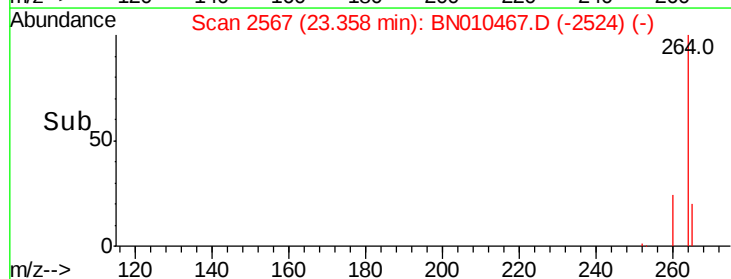
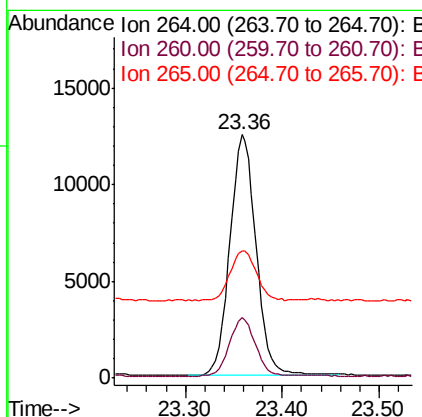
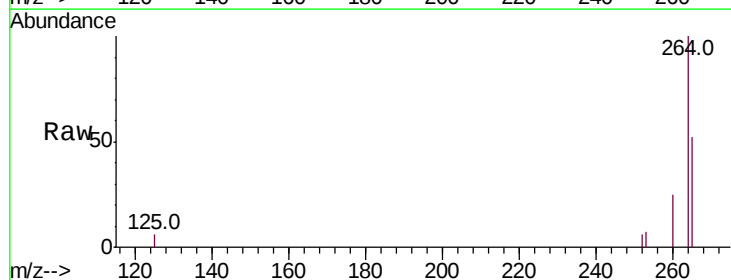
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.8

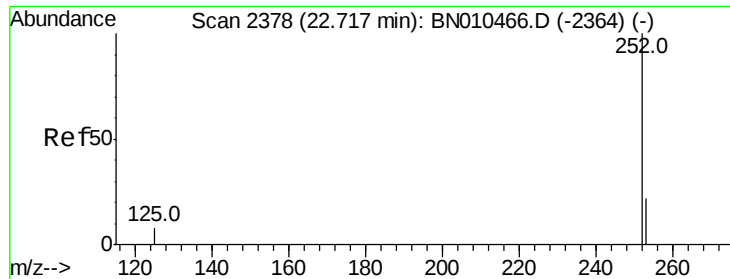
Tot Ion:276 Resp: 58760  
 Ion Ratio Lower Upper  
 276 100  
 138 20.4 16.4 24.6  
 277 24.9 19.8 29.6



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.36 min Scan# 2567  
 Delta R.T. -0.00 min  
 Lab File: BN010467.D  
 Acq: 13 Apr 2020 14:59

Tgt Ion:264 Resp: 23318  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 19.8 29.8  
 265 52.3 42.3 63.5





#35

Benzo(b)fluoranthene

Concen: 0.734 ng

RT: 22.71 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

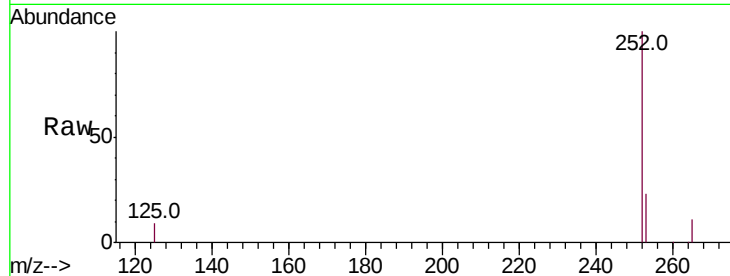
Tot Ion:252 Resp: 58139

Ion Ratio Lower Upper

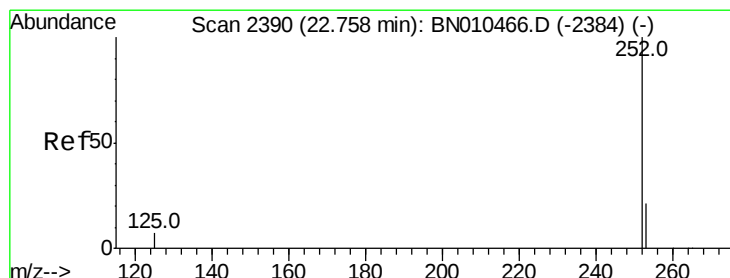
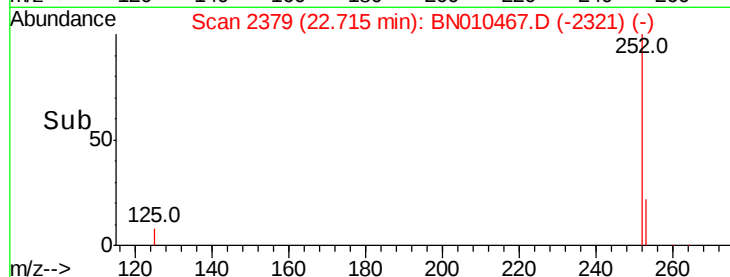
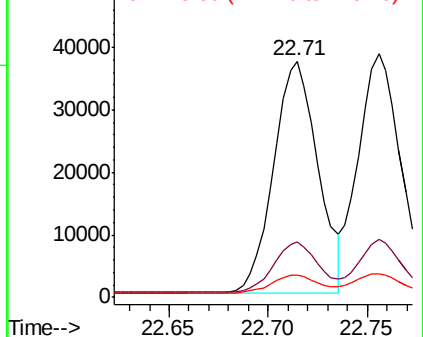
252 100

253 23.5 20.2 30.4

125 9.5 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.726 ng

RT: 22.76 min Scan# 2391

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

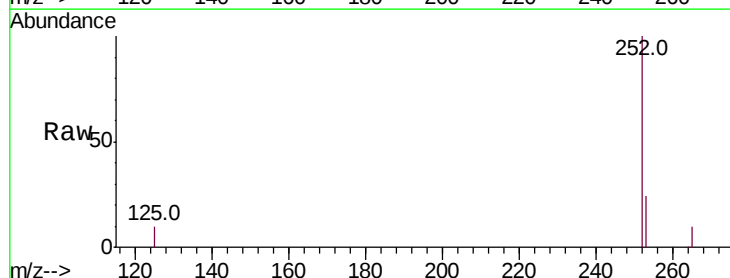
Tgt Ion:252 Resp: 58539

Ion Ratio Lower Upper

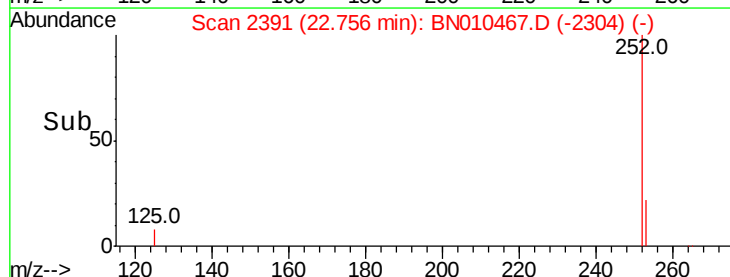
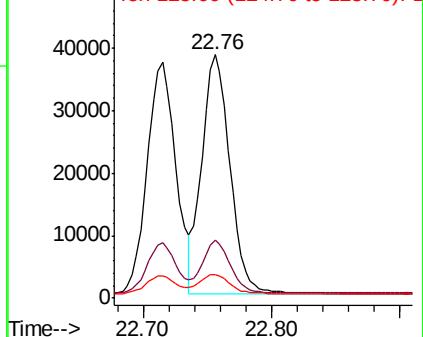
252 100

253 23.8 20.1 30.1

125 9.9 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.768 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.8

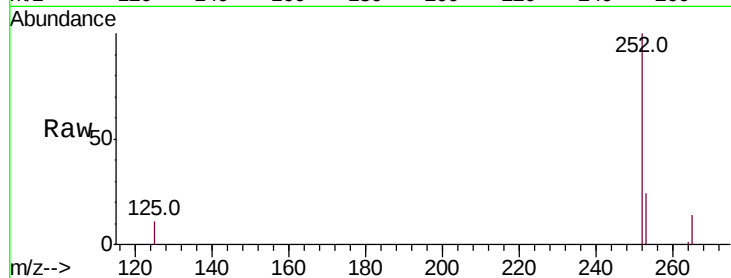
Tot Ion:252 Resp: 51363

Ion Ratio Lower Upper

252 100

253 24.2 21.8 32.8

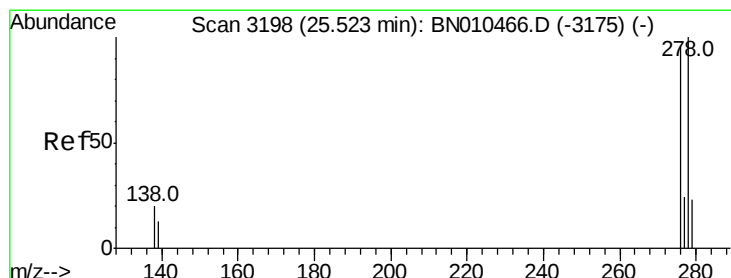
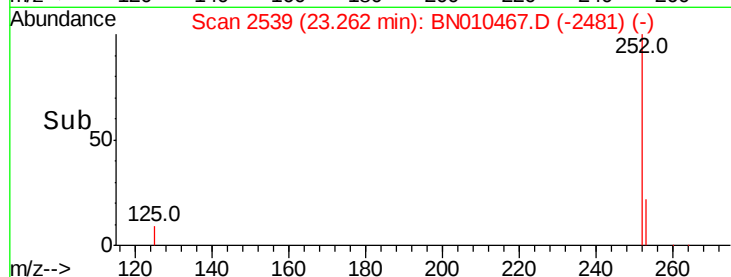
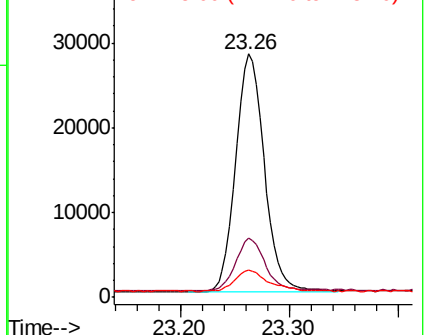
125 11.2 11.0 16.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.661 ng

RT: 25.52 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

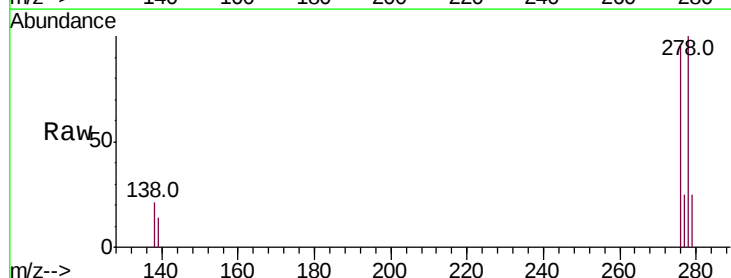
Tgt Ion:278 Resp: 47789

Ion Ratio Lower Upper

278 100

139 14.1 12.3 18.5

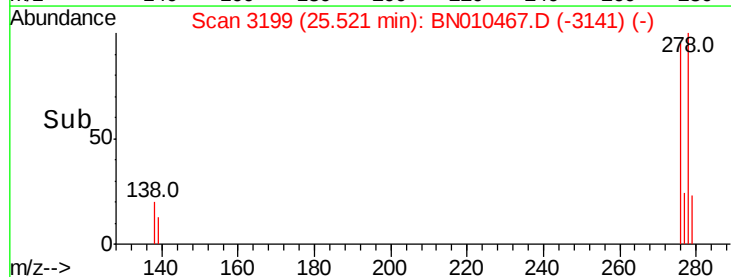
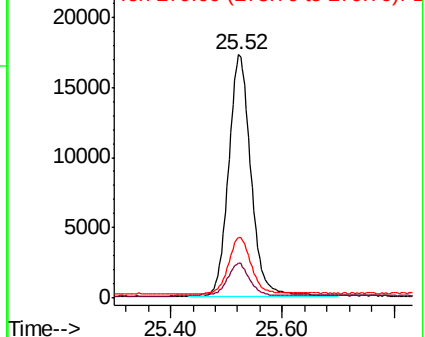
279 25.1 21.9 32.9

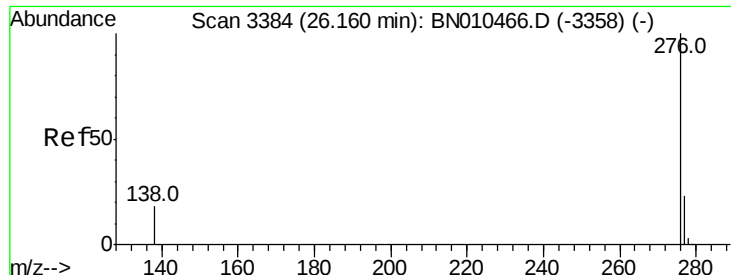


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.654 ng

RT: 26.16 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BN010467.D

Acq: 13 Apr 2020 14:59

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.8

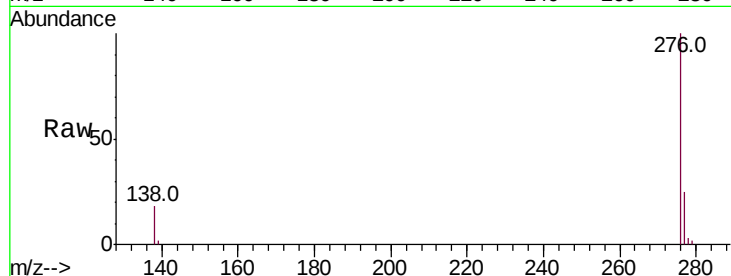
Tot Ion:276 Resp: 47582

Ion Ratio Lower Upper

276 100

277 24.7 20.2 30.2

138 18.4 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

