

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN082019\  
 Data File : BN007269.D  
 Acq On : 20 Aug 2019 17:50  
 Operator : HP/JU  
 Sample : SSTDICC0.2  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.2

Quant Time: Aug 20 18:26:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 20 17:50:18 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.41  | 152  | 4757     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.16 | 136  | 17565    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.06 | 164  | 9917     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.80 | 188  | 23479    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.03 | 240  | 23778    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.14 | 264  | 25863    | 0.40 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.04  | 112  | 3550     | 0.34 | ng    | 0.00     |
| 5) Phenol-d6                | 6.60  | 99   | 5119     | 0.35 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.54  | 82   | 2528     | 0.21 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 11.77 | 152  | 5799     | 0.22 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.55 | 330  | 1183     | 0.26 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.68 | 172  | 8195     | 0.22 | ng    | 0.00     |
| 25) Fluoranthene-d10        | 18.85 | 212  | 13918    | 0.20 | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.47 | 244  | 11662    | 0.22 | ng    | 0.00     |

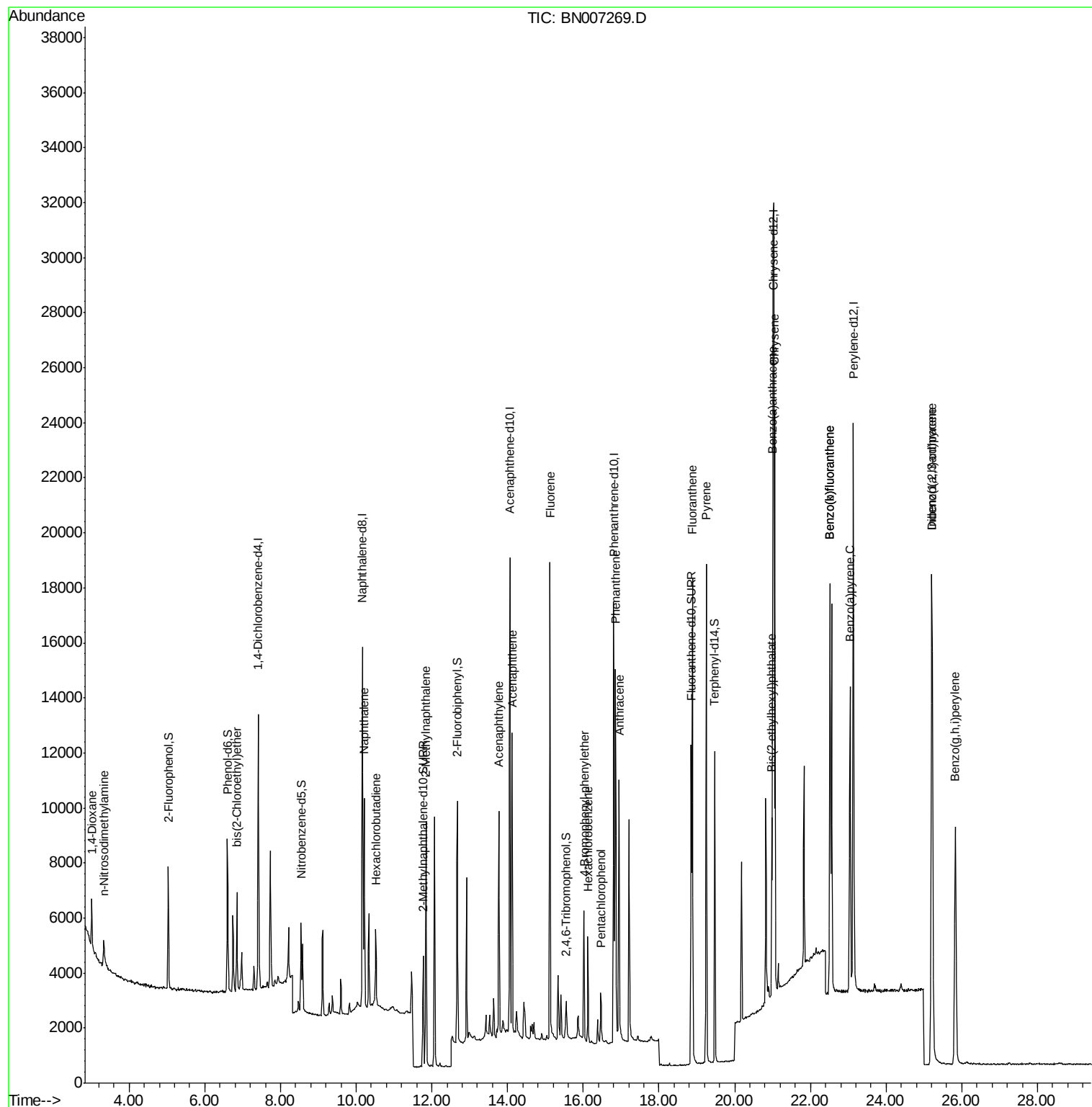
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.01  | 88   | 1587     | 0.203 | ng    | 90     |
| 3) n-Nitrosodimethylamine      | 3.33  | 42   | 724      | 0.119 | ng    | # 82   |
| 6) bis(2-Chloroethyl)ether     | 6.85  | 93   | 2751     | 0.170 | ng    | 98     |
| 9) Naphthalene                 | 10.22 | 128  | 9563     | 0.203 | ng    | 98     |
| 10) Hexachlorobutadiene        | 10.52 | 225  | 2116     | 0.207 | ng    | # 99   |
| 12) 2-Methylnaphthalene        | 11.84 | 142  | 6546     | 0.218 | ng    | 97     |
| 16) Acenaphthylene             | 13.77 | 152  | 9453     | 0.202 | ng    | 98     |
| 17) Acenaphthene               | 14.12 | 154  | 6249     | 0.199 | ng    | 99     |
| 18) Fluorene                   | 15.12 | 166  | 8283     | 0.213 | ng    | 100    |
| 20) 4-Bromophenyl-phenylether  | 16.02 | 248  | 2861     | 0.215 | ng    | 94     |
| 21) Hexachlorobenzene          | 16.12 | 284  | 2965     | 0.171 | ng    | 98     |
| 22) Pentachlorophenol          | 16.46 | 266  | 1017     | 0.446 | ng    | 98     |
| 23) Phenanthrene               | 16.85 | 178  | 13796    | 0.212 | ng    | 100    |
| 24) Anthracene                 | 16.94 | 178  | 12093    | 0.214 | ng    | 99     |
| 26) Fluoranthene               | 18.88 | 202  | 16676    | 0.204 | ng    | 100    |
| 28) Pyrene                     | 19.25 | 202  | 17212    | 0.208 | ng    | 99     |
| 30) Benzo(a)anthracene         | 21.00 | 228  | 16228    | 0.221 | ng    | 96     |
| 31) Chrysene                   | 21.06 | 228  | 17438    | 0.212 | ng    | 99     |
| 32) Bis(2-ethylhexyl)phthalate | 20.98 | 149  | 6075     | 0.178 | ng    | 99     |
| 33) Indeno(1,2,3-cd)pyrene     | 25.20 | 276  | 21590    | 0.215 | ng    | 100    |
| 35) Benzo(b)fluoranthene       | 22.52 | 252  | 18152    | 0.223 | ng    | # 97   |
| 36) Benzo(k)fluoranthene       | 22.52 | 252  | 18152    | 0.199 | ng    | 97     |
| 37) Benzo(a)pyrene             | 23.04 | 252  | 16197    | 0.206 | ng    | # 95   |
| 38) Dibenzo(a,h)anthracene     | 25.22 | 278  | 17438    | 0.219 | ng    | 96     |
| 39) Benzo(g,h,i)perylene       | 25.83 | 276  | 17650    | 0.212 | ng    | 99     |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN082019\  
Data File : BN007269.D  
Acq On : 20 Aug 2019 17:50  
Operator : HP/JU  
Sample : SSTDICC0.2  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2

Quant Time: Aug 20 18:26:01 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 20 17:50:18 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. 0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.2

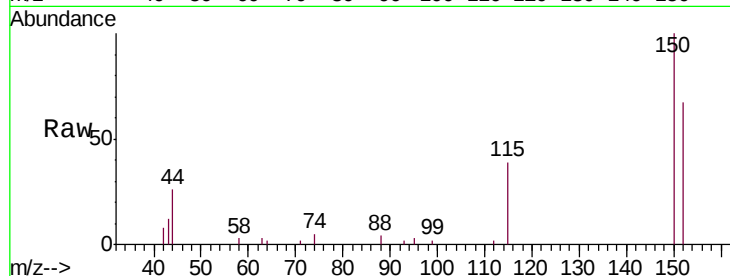
Tgt Ion:152 Resp: 4757

Ion Ratio Lower Upper

152 100

150 150.0 123.8 185.8

115 58.0 47.3 70.9



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

6000

5000

4000

3000

2000

1000

0

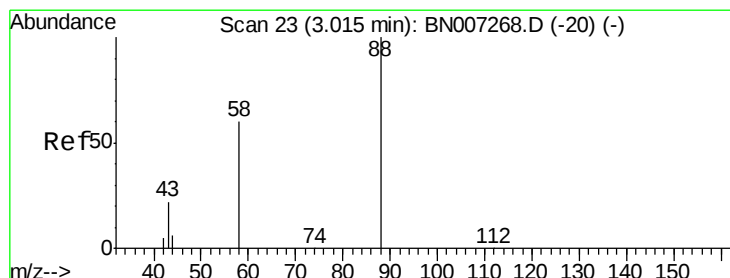
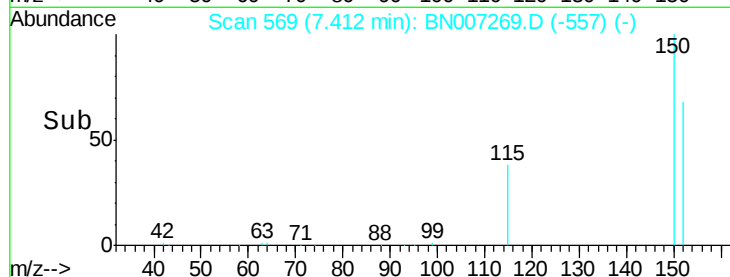
7.41

7.30

7.40

7.50

Time-->



#2

1,4-Dioxane

Concen: 0.203 ng

RT: 3.01 min Scan# 23

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

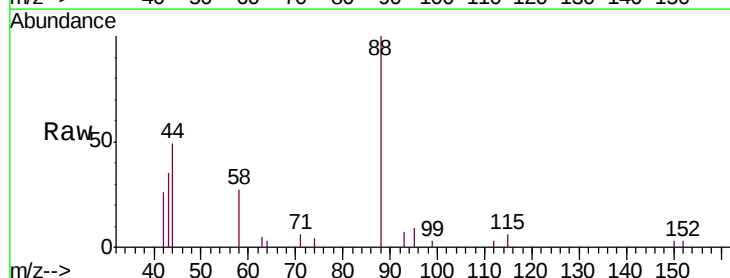
Tgt Ion: 88 Resp: 1587

Ion Ratio Lower Upper

88 100

58 47.3 45.5 68.3

43 24.5 20.4 30.6



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

3000

2500

2000

1500

1000

500

0

3.01

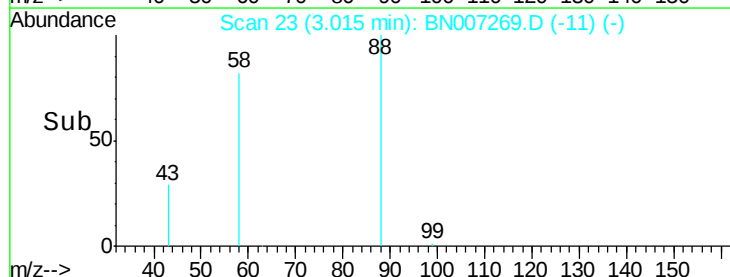
2.95

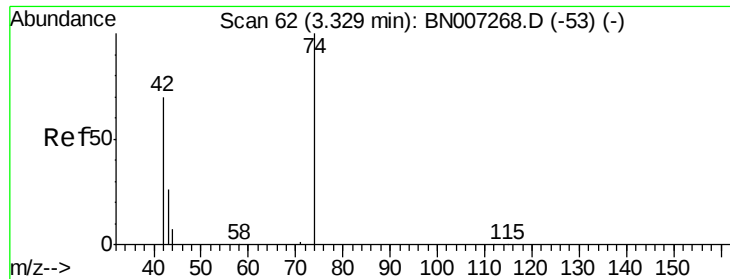
3.00

3.05

3.10

Time-->



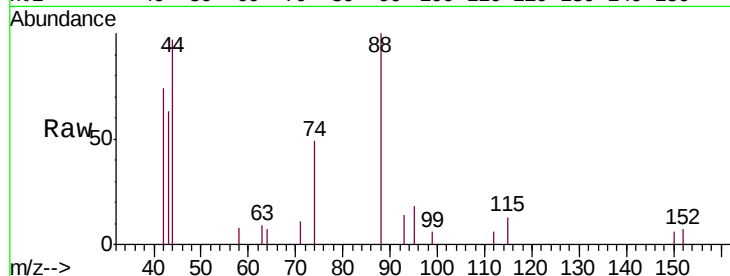


#3

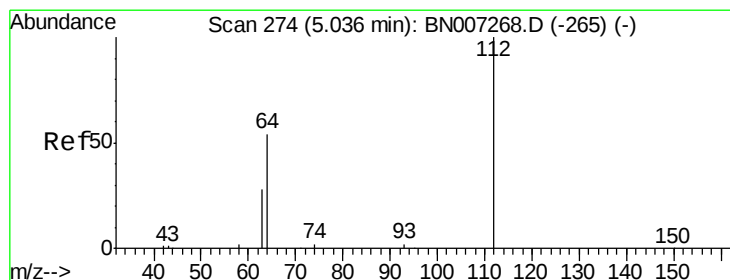
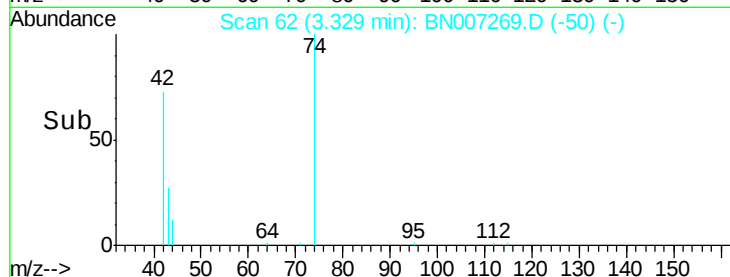
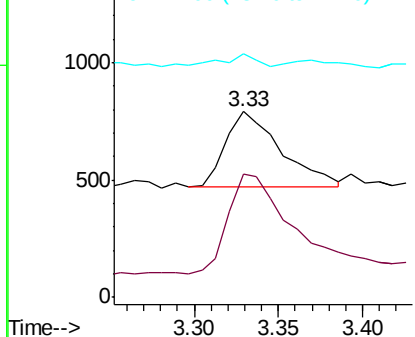
n-Nitrosodimethylamine  
 Concen: 0.119 ng  
 RT: 3.33 min Scan# 62  
 Delta R.T. -0.00 min  
 Lab File: BN007269.D  
 Acq: 20 Aug 2019 17:50

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.2

Tgt Ion: 42 Resp: 724  
 Ion Ratio Lower Upper  
 42 100  
 74 157.9 109.0 163.4  
 44 11.0 4.2 6.2#



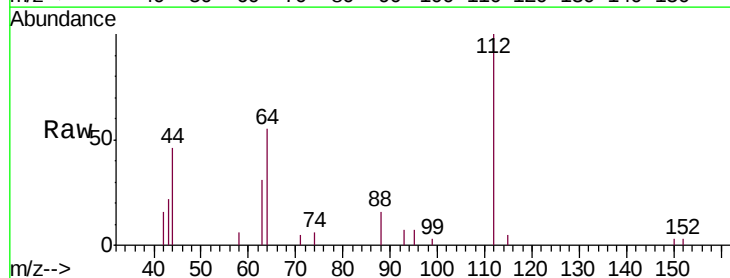
Abundance Ion 42.00 (41.70 to 42.70): BNC  
 Ion 74.00 (73.70 to 74.70): BNC  
 Ion 44.00 (43.70 to 44.70): BNC



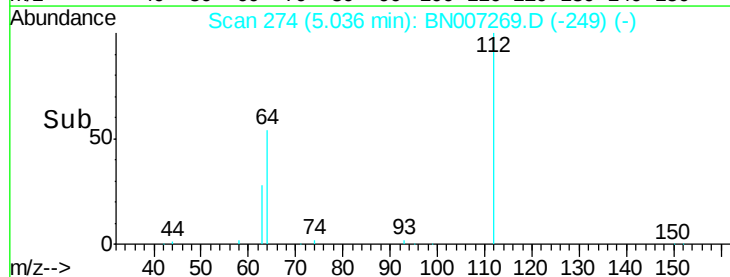
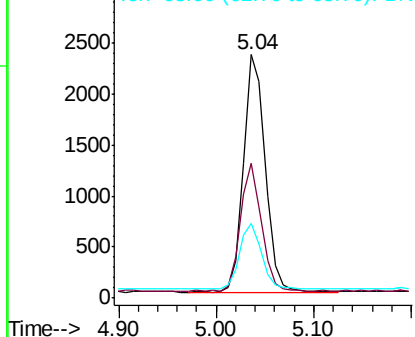
#4

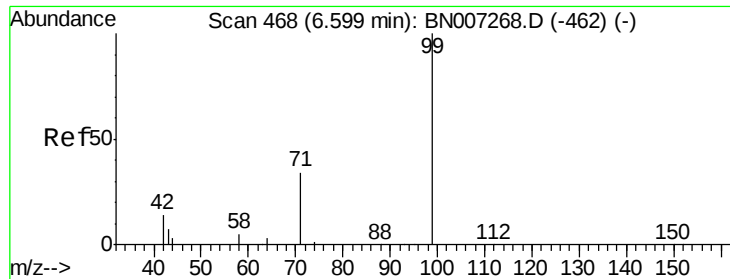
2-Fluorophenol  
 Concen: 0.336 ng  
 RT: 5.04 min Scan# 274  
 Delta R.T. -0.00 min  
 Lab File: BN007269.D  
 Acq: 20 Aug 2019 17:50

Tgt Ion: 112 Resp: 3550  
 Ion Ratio Lower Upper  
 112 100  
 64 52.7 41.8 62.8  
 63 28.3 22.6 34.0



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





#5

Phenol-d6

Concen: 0.352 ng

RT: 6.60 min Scan# 468

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.2

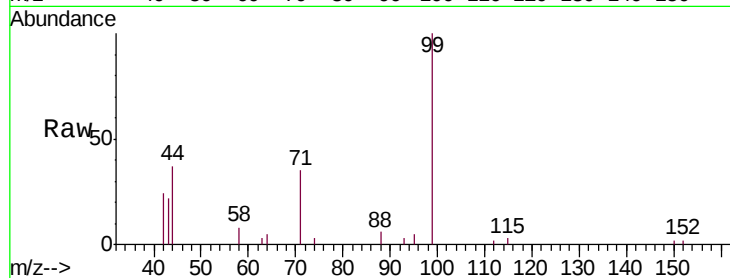
Tgt Ion: 99 Resp: 5119

Ion Ratio Lower Upper

99 100

42 19.1 14.3 21.5

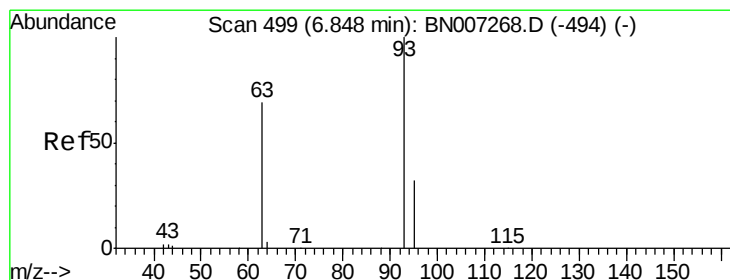
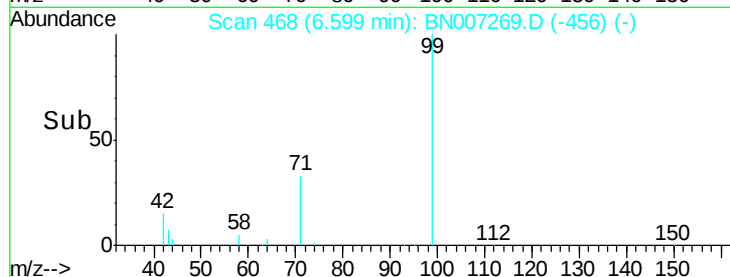
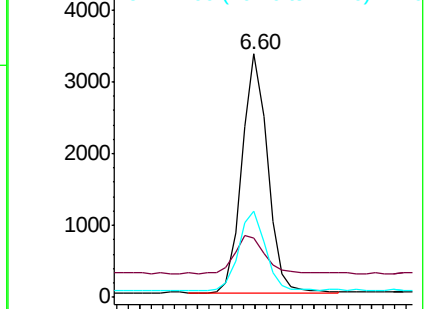
71 34.0 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN007269.D (-456) (-)

Ion 42.00 (41.70 to 42.70): BN007269.D (-456) (-)

Ion 71.00 (70.70 to 71.70): BN007269.D (-456) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.170 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

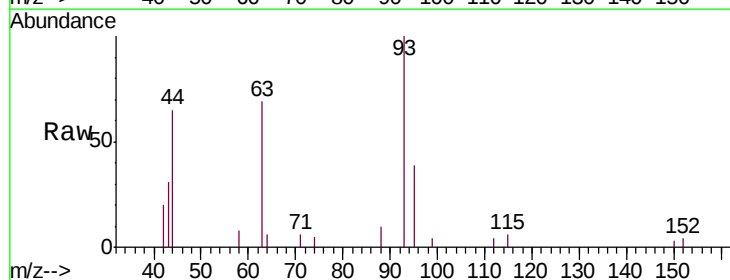
Tgt Ion: 93 Resp: 2751

Ion Ratio Lower Upper

93 100

63 69.1 54.4 81.6

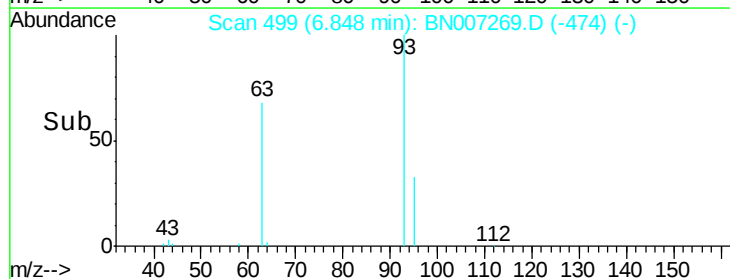
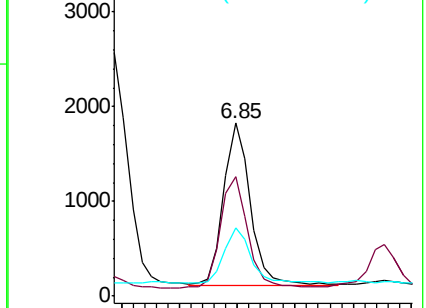
95 33.5 25.5 38.3

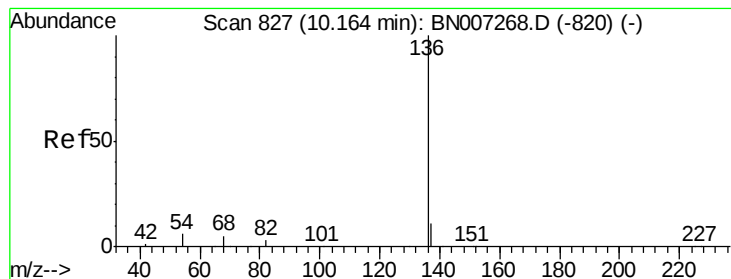


Abundance Ion 93.00 (92.70 to 93.70): BN007269.D (-474) (-)

Ion 63.00 (62.70 to 63.70): BN007269.D (-474) (-)

Ion 95.00 (94.70 to 95.70): BN007269.D (-474) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.2

Tgt Ion:136 Resp: 17565

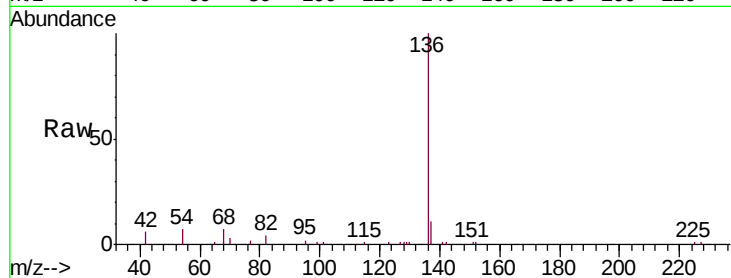
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.1 5.9 8.9

68 6.8 5.6 8.4

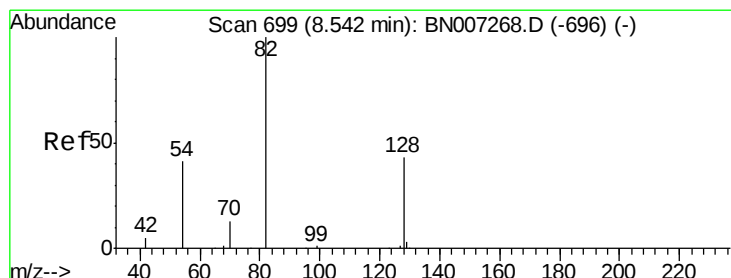
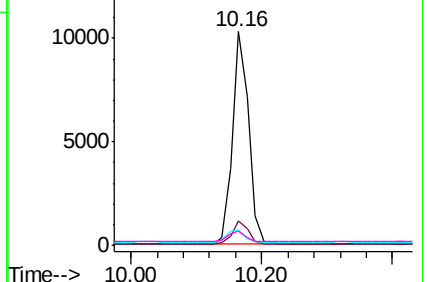
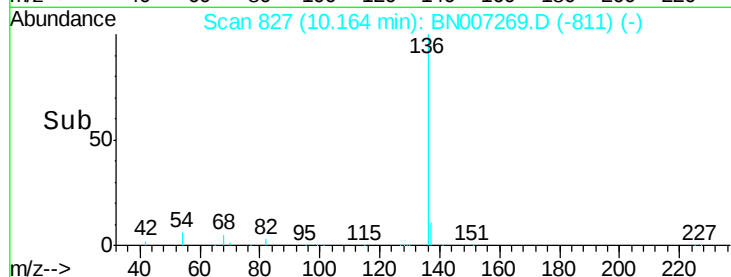


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.211 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

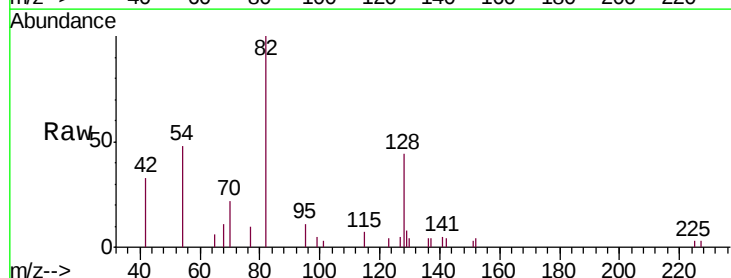
Tgt Ion: 82 Resp: 2528

Ion Ratio Lower Upper

82 100

128 44.4 35.8 53.6

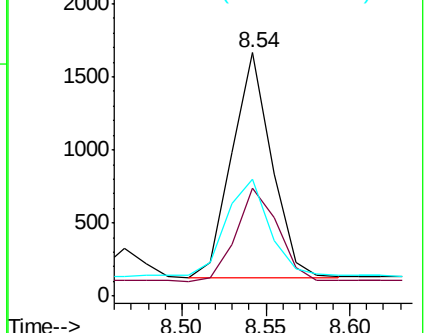
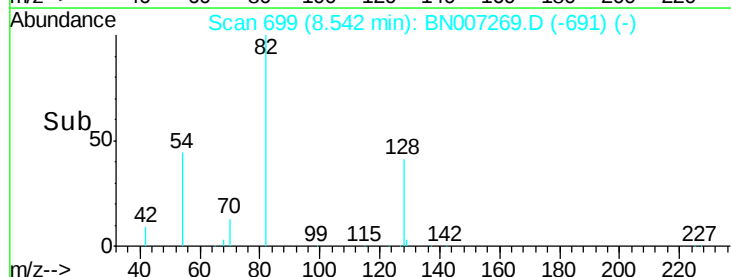
54 48.0 34.7 52.1

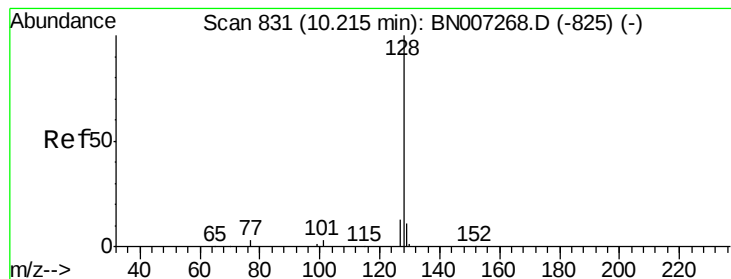


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.203 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.2

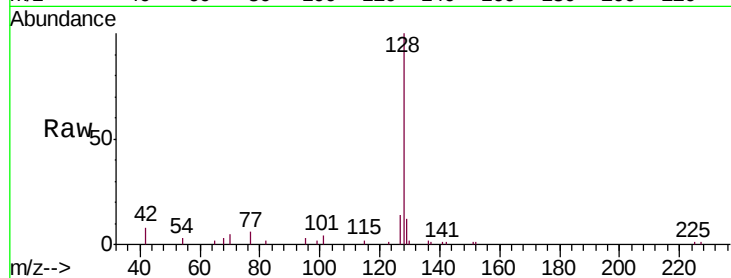
Tgt Ion:128 Resp: 9563

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

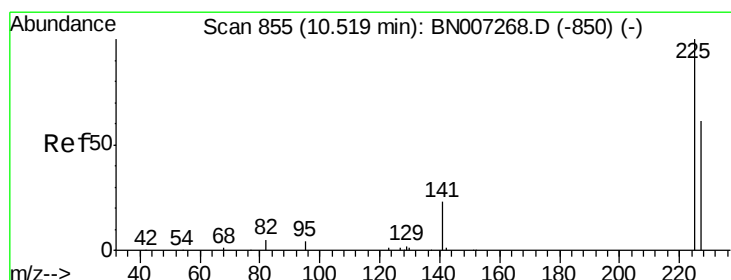
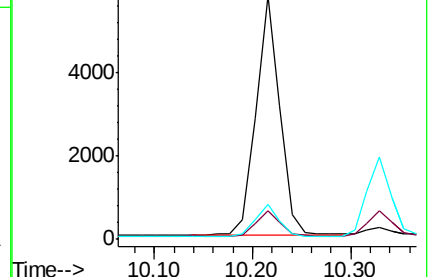
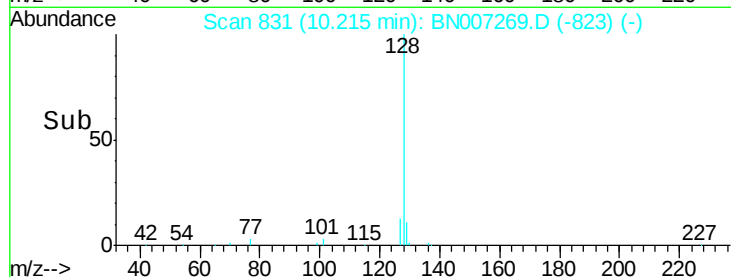
127 14.2 10.6 16.0



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: 0.207 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

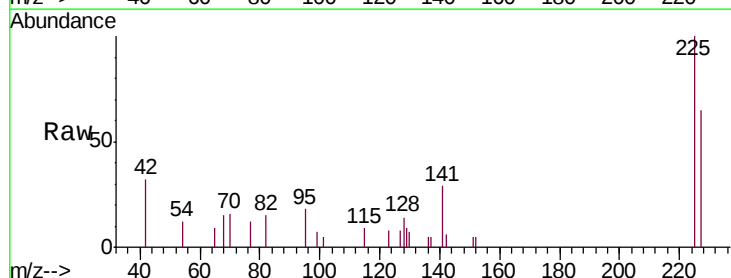
Tgt Ion:225 Resp: 2116

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

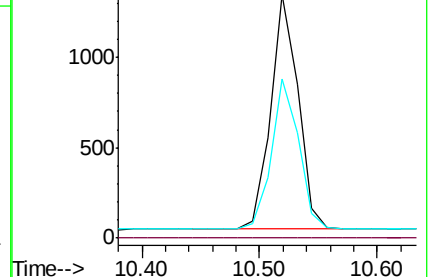
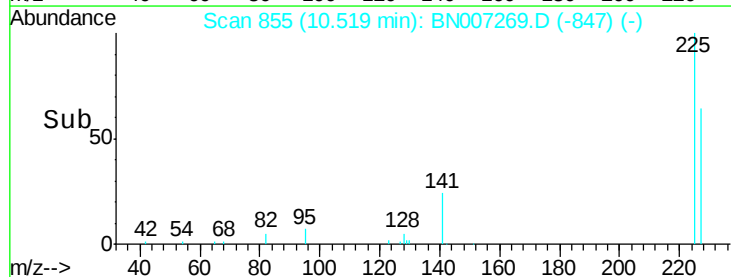
227 63.8 50.2 75.2

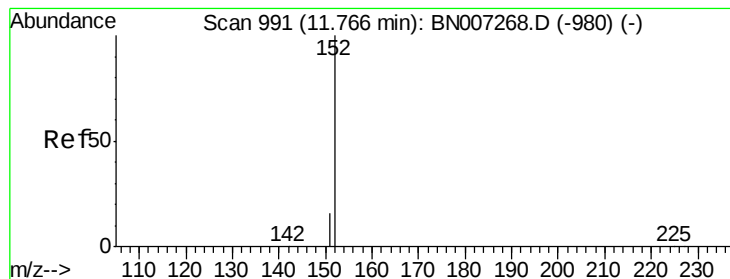


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.221 ng

RT: 11.77 min Scan# 992

Delta R.T. 0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

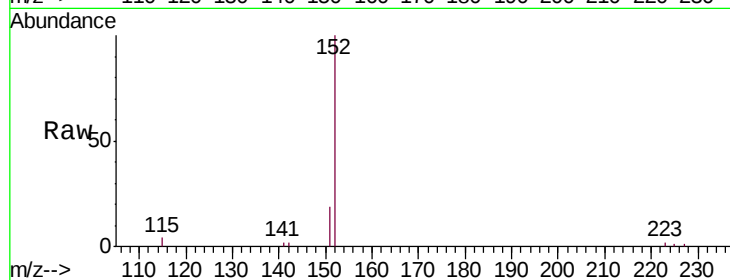
SSTDIC0.2

Tgt Ion:152 Resp: 5799

Ion Ratio Lower Upper

152 100

151 18.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.77

4000

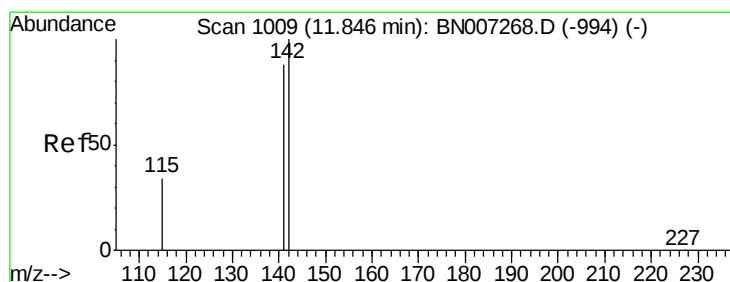
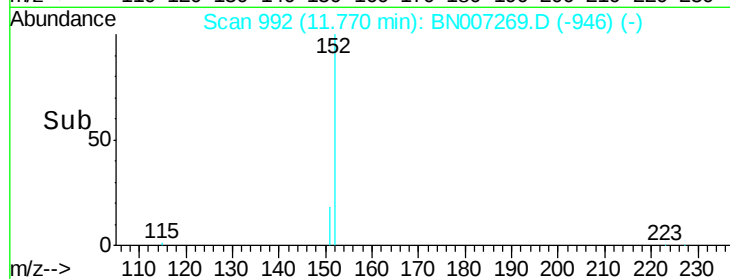
3000

2000

1000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.218 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

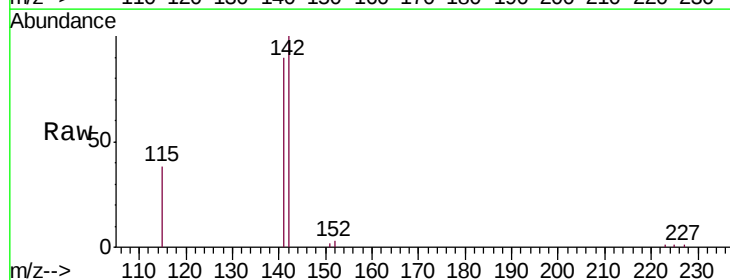
Tgt Ion:142 Resp: 6546

Ion Ratio Lower Upper

142 100

141 89.7 70.7 106.1

115 38.2 28.1 42.1



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

11.84

5000

4000

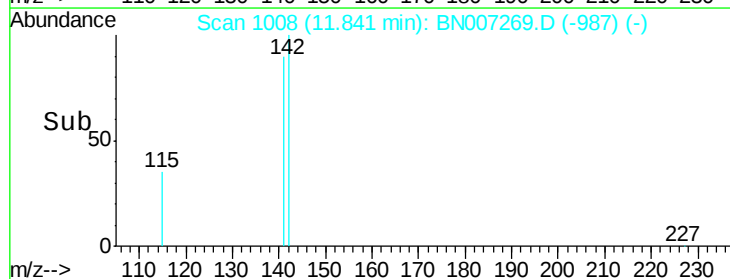
3000

2000

1000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.2

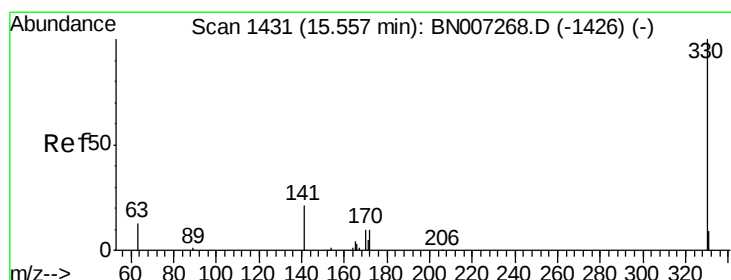
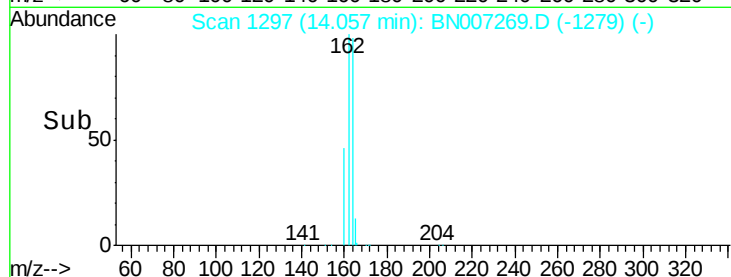
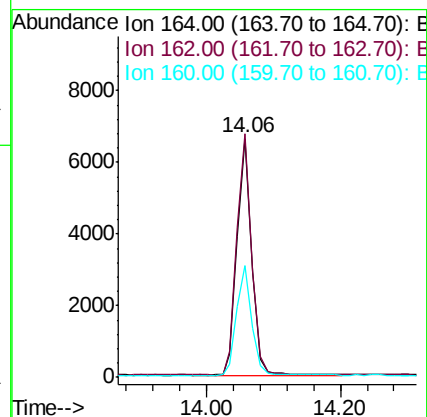
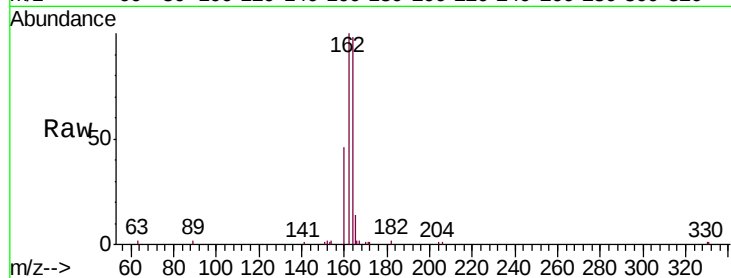
Tgt Ion:164 Resp: 9917

Ion Ratio Lower Upper

164 100

162 101.9 82.0 123.0

160 46.9 38.2 57.4



#14

2,4,6-Tribromophenol

Concen: 0.256 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

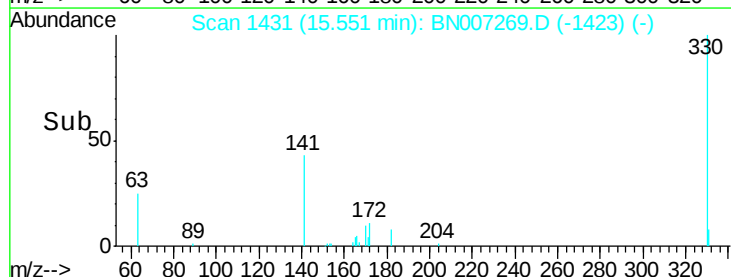
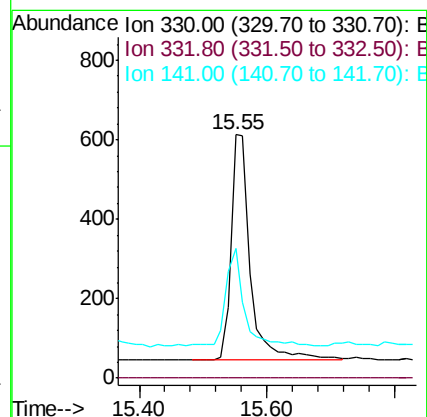
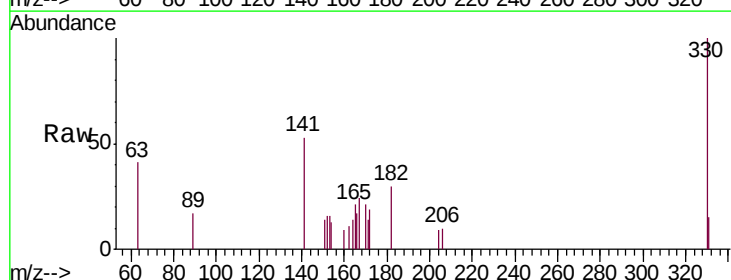
Tgt Ion:330 Resp: 1183

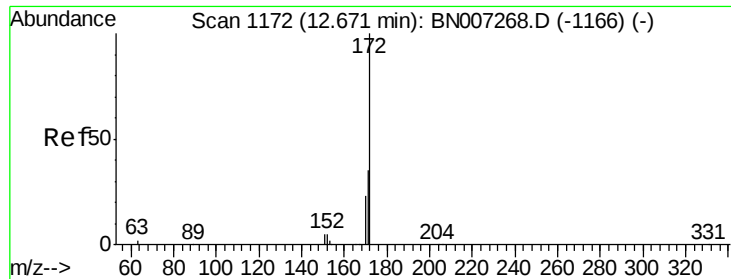
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 40.3 30.3 45.5

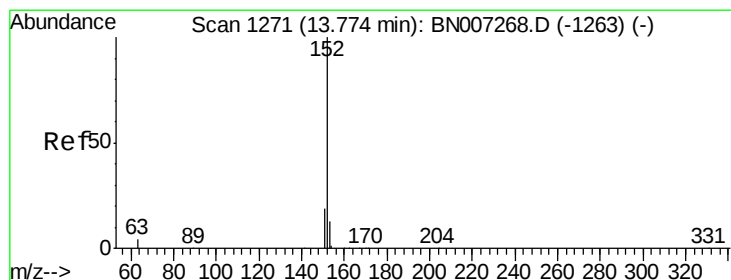
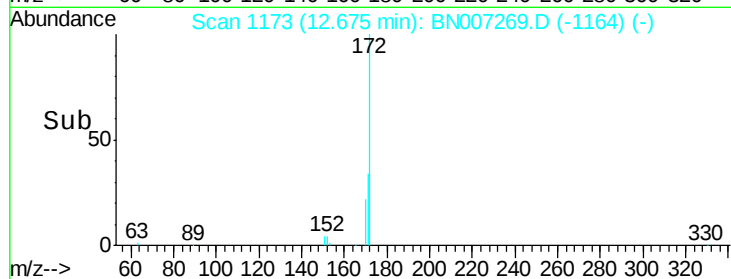
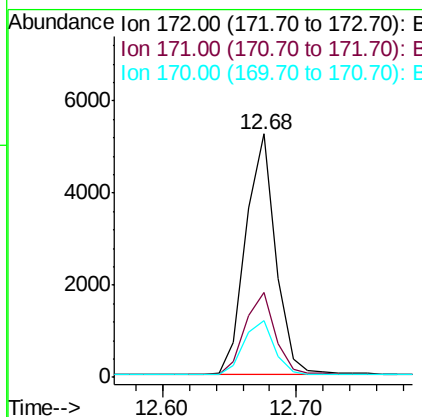
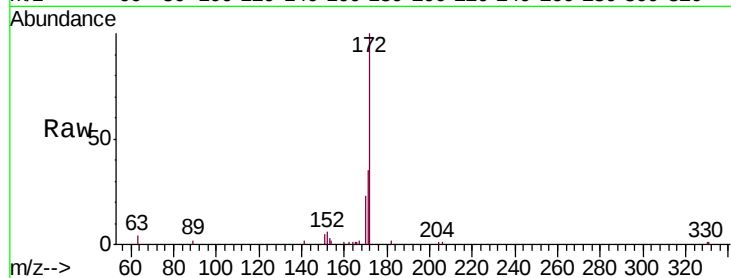




#15  
2-Fluorobiphenyl  
Concen: 0.222 ng  
RT: 12.68 min Scan# 1173  
Delta R.T. 0.00 min  
Lab File: BN007269.D  
Acq: 20 Aug 2019 17:50

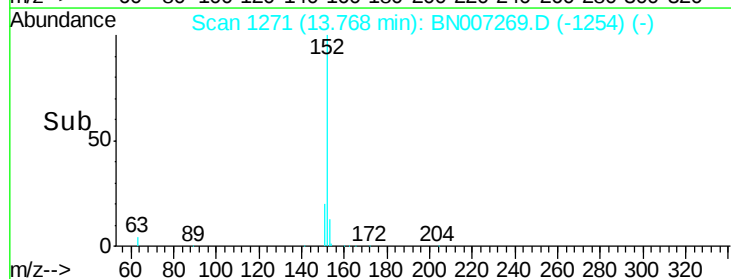
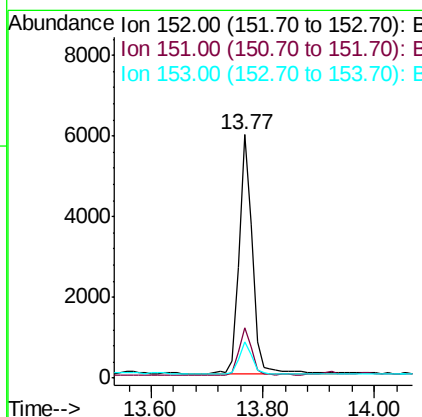
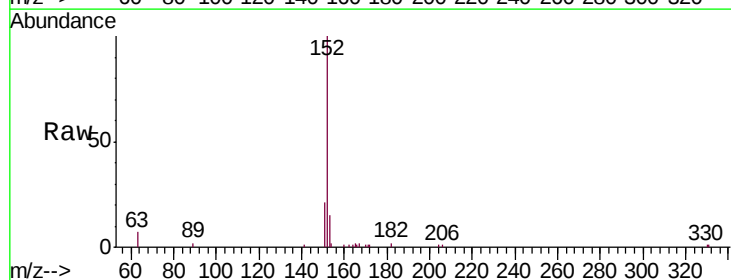
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.2

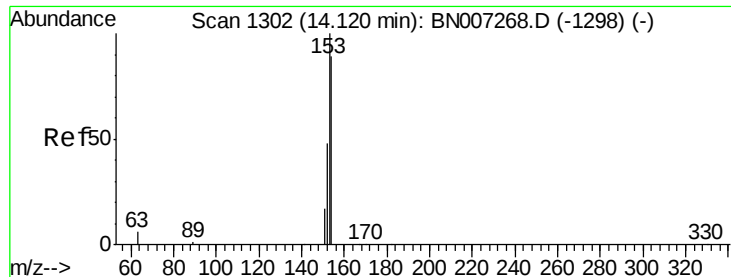
Tgt Ion:172 Resp: 8195  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.6 43.0  
170 23.1 18.7 28.1



#16  
Acenaphthylene  
Concen: 0.202 ng  
RT: 13.77 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: BN007269.D  
Acq: 20 Aug 2019 17:50

Tgt Ion:152 Resp: 9453  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.4 23.2  
153 13.3 10.1 15.1





#17

Acenaphthene

Concen: 0.199 ng

RT: 14.12 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.2

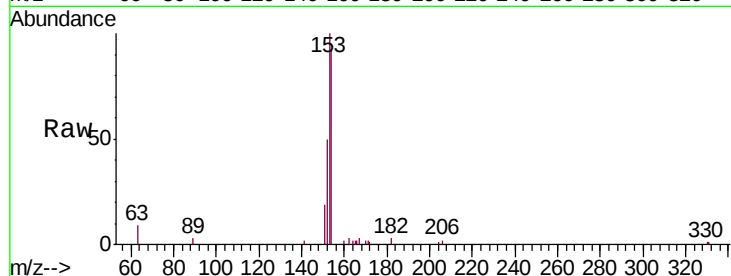
Tgt Ion:154 Resp: 6249

Ion Ratio Lower Upper

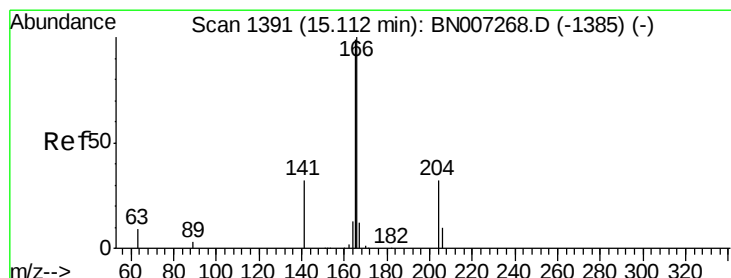
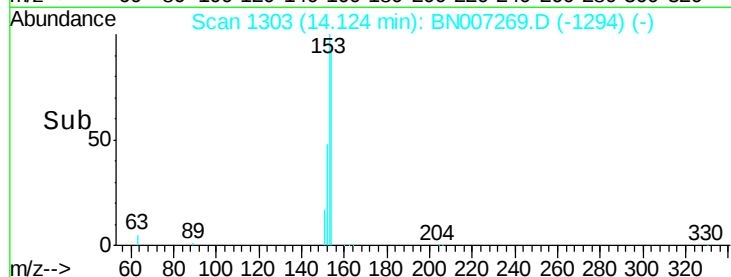
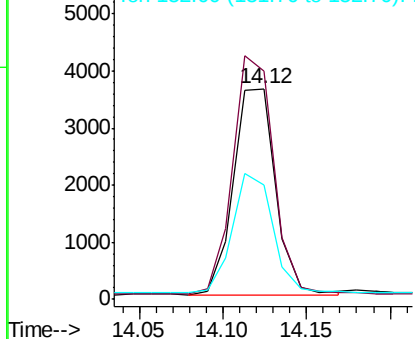
154 100

153 112.7 89.9 134.9

152 55.8 43.9 65.9



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.213 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

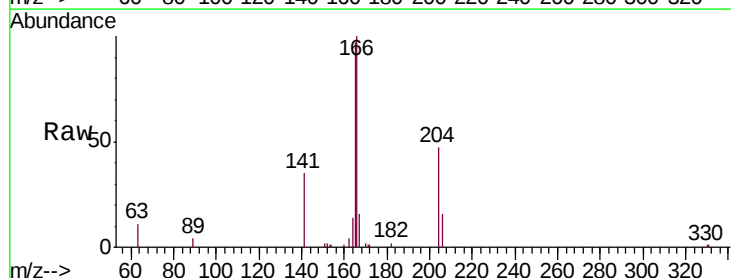
Tgt Ion:166 Resp: 8283

Ion Ratio Lower Upper

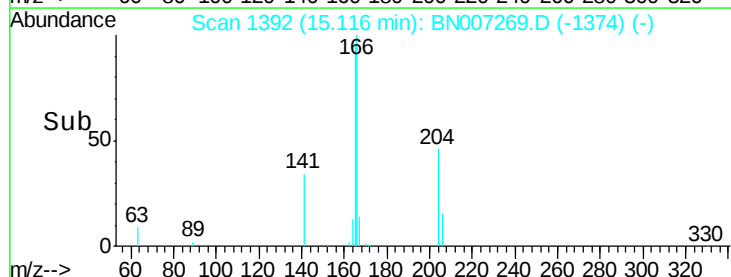
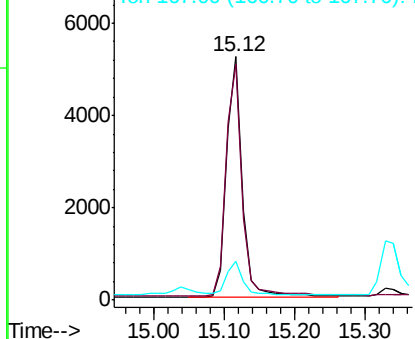
166 100

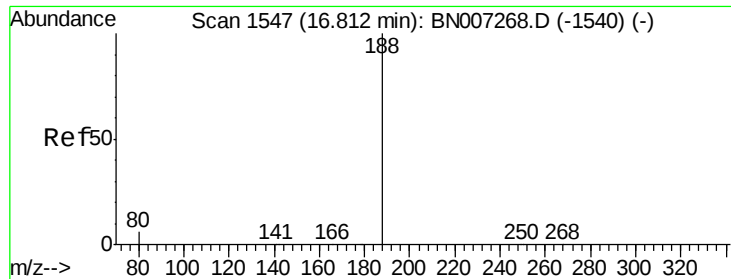
165 98.1 78.3 117.5

167 13.8 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.2

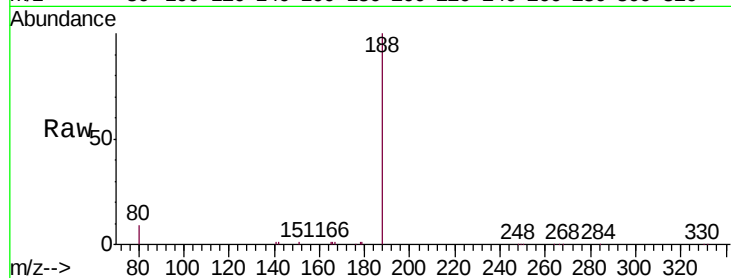
Tgt Ion:188 Resp: 23479

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

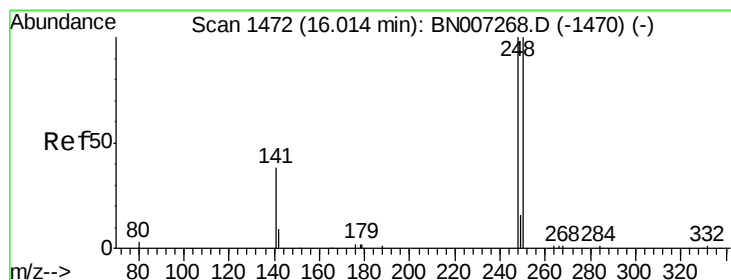
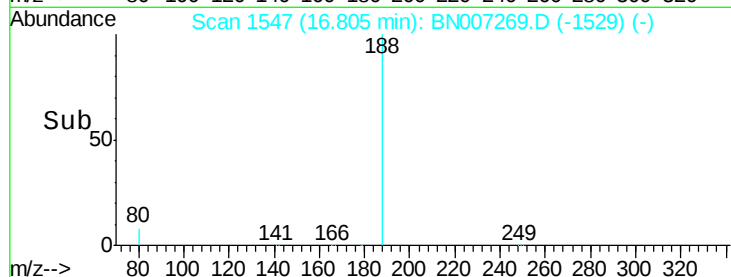
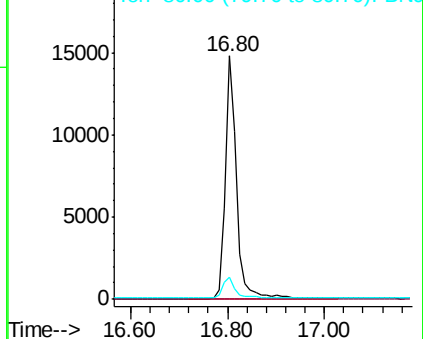
80 9.0 5.2 7.8#



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: 0.215 ng

RT: 16.02 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

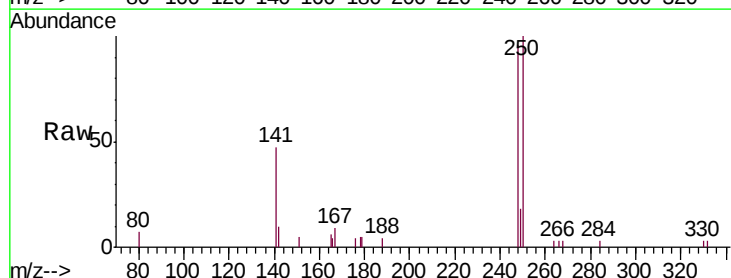
Tgt Ion:248 Resp: 2861

Ion Ratio Lower Upper

248 100

250 103.8 79.6 119.4

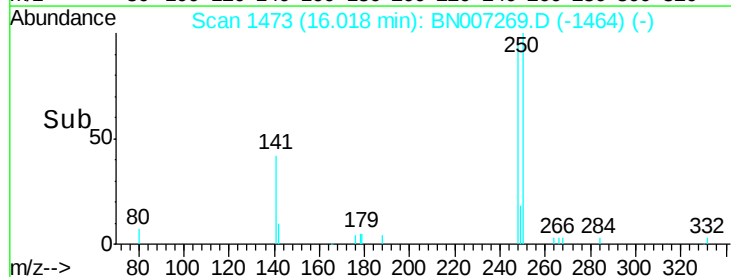
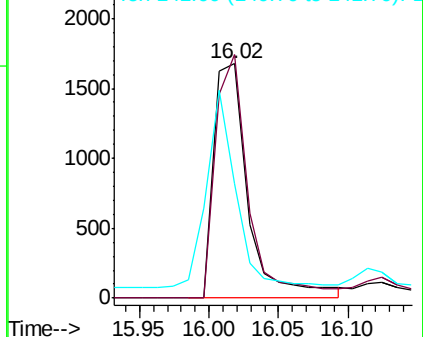
141 48.9 45.1 67.7

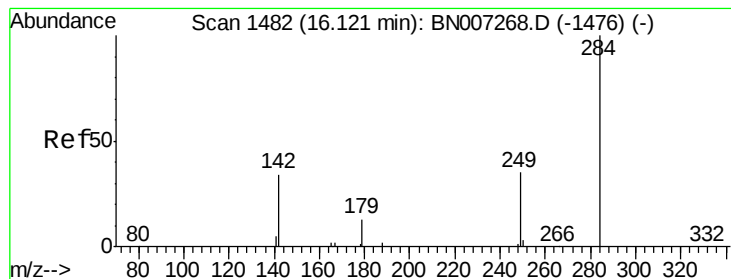


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.171 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.2

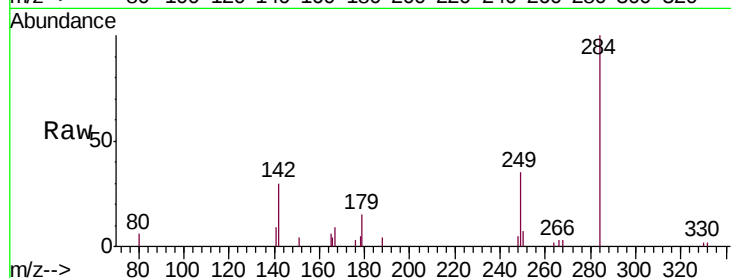
Tgt Ion:284 Resp: 2965

Ion Ratio Lower Upper

284 100

142 39.3 29.5 44.3

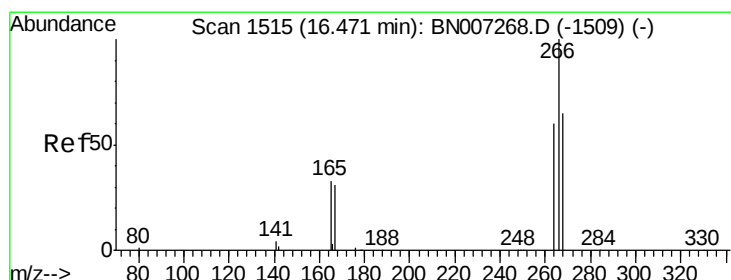
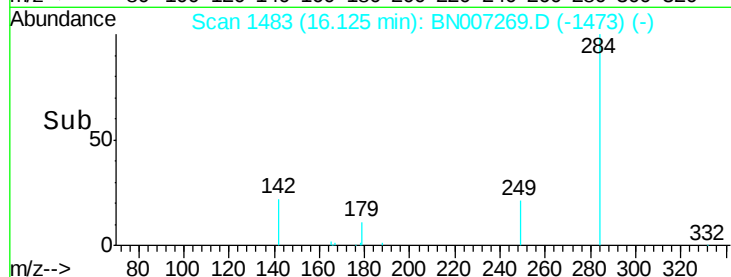
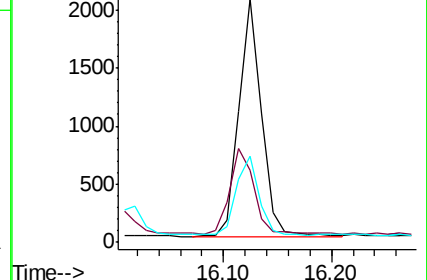
249 33.2 26.2 39.4



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: 0.446 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

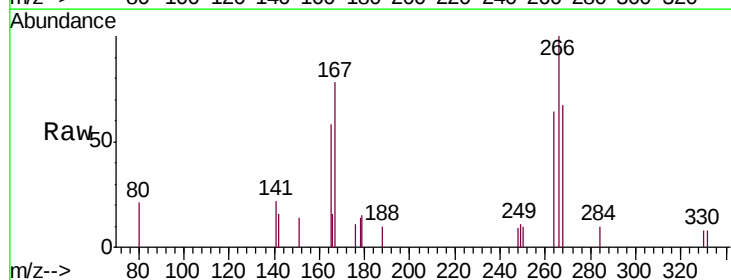
Tgt Ion:266 Resp: 1017

Ion Ratio Lower Upper

266 100

264 63.8 48.7 73.1

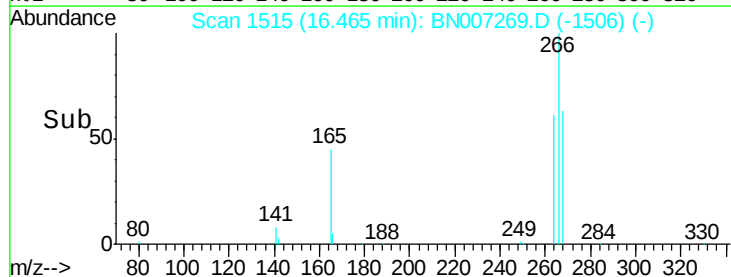
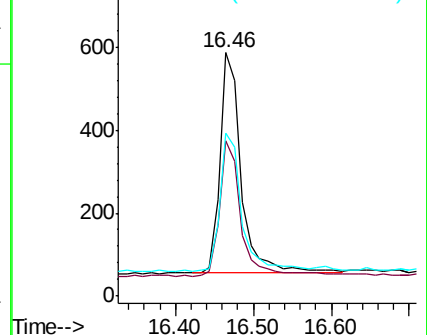
268 67.0 53.5 80.3

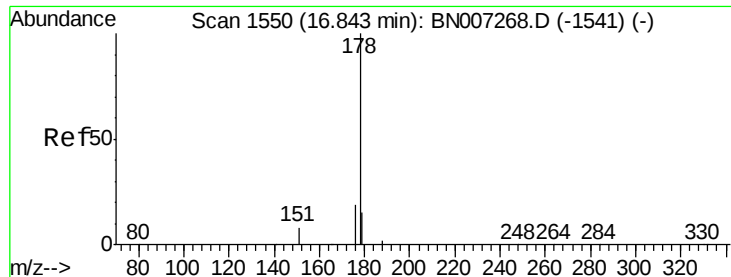


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.212 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.2

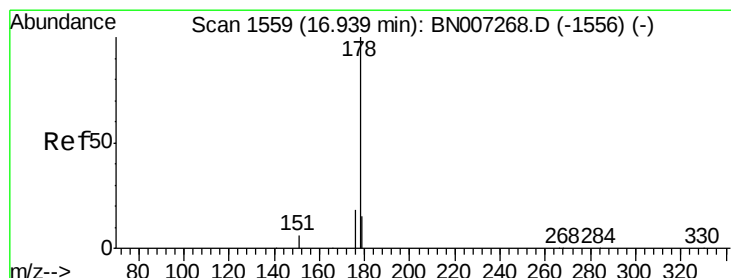
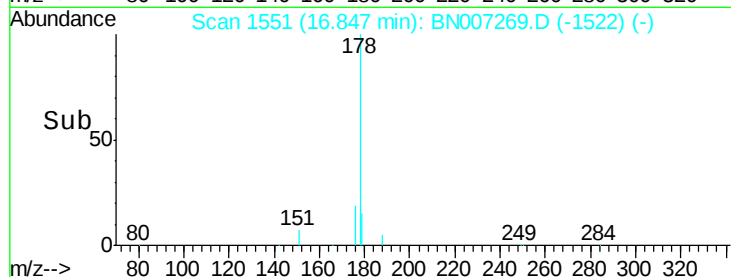
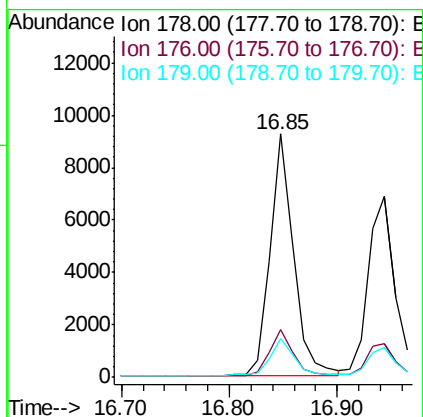
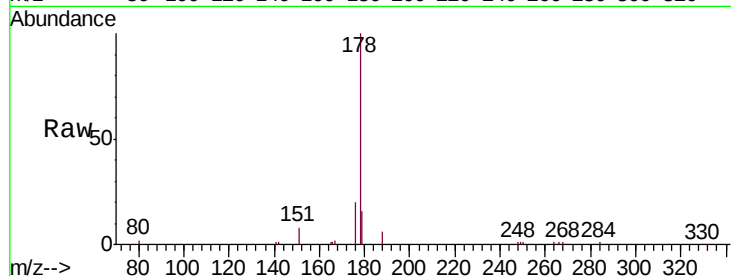
Tgt Ion:178 Resp: 13796

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.6 12.3 18.5



#24

Anthracene

Concen: 0.214 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

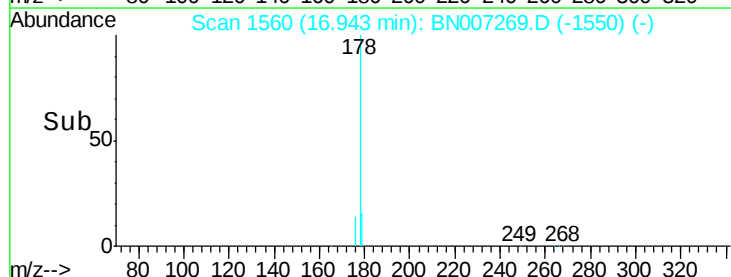
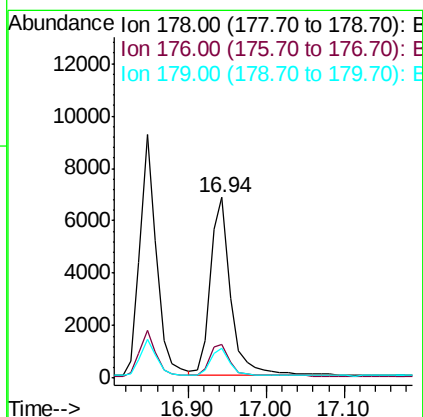
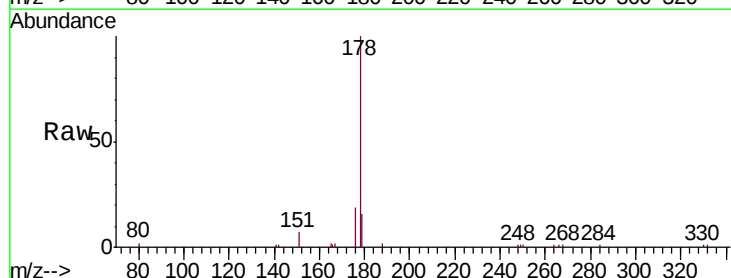
Tgt Ion:178 Resp: 12093

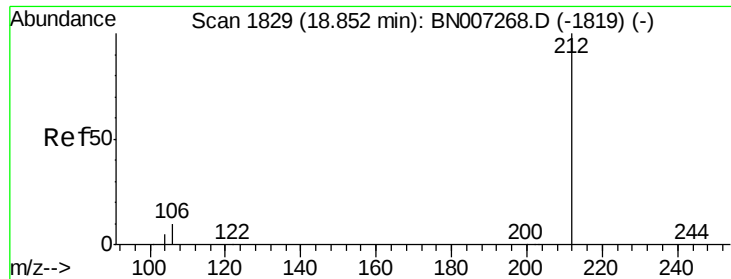
Ion Ratio Lower Upper

178 100

176 18.3 14.3 21.5

179 15.1 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.196 ng

RT: 18.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.2

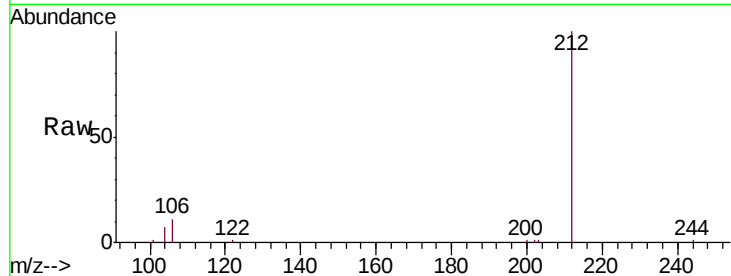
Tgt Ion:212 Resp: 13918

Ion Ratio Lower Upper

212 100

106 10.7 8.2 12.4

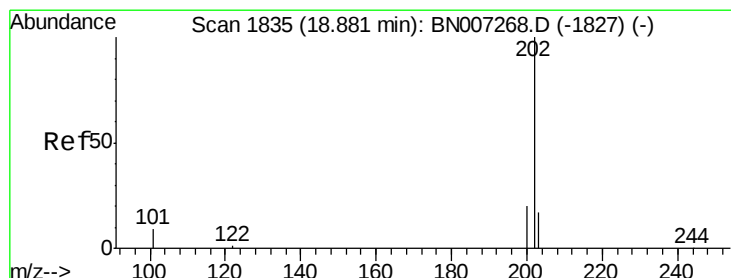
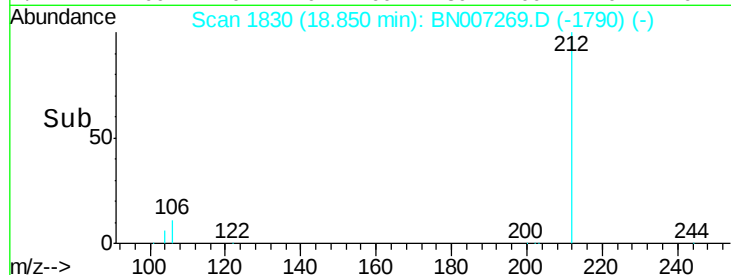
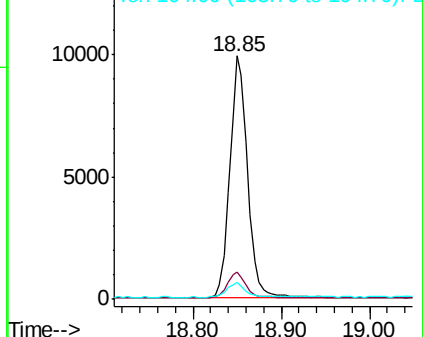
104 5.9 4.7 7.1



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



#26

Fluoranthene

Concen: 0.204 ng

RT: 18.88 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

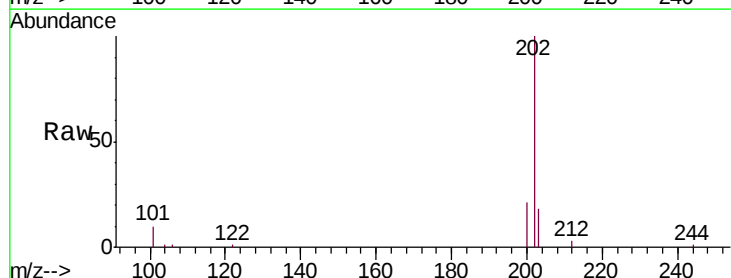
Tgt Ion:202 Resp: 16676

Ion Ratio Lower Upper

202 100

101 9.1 7.2 10.8

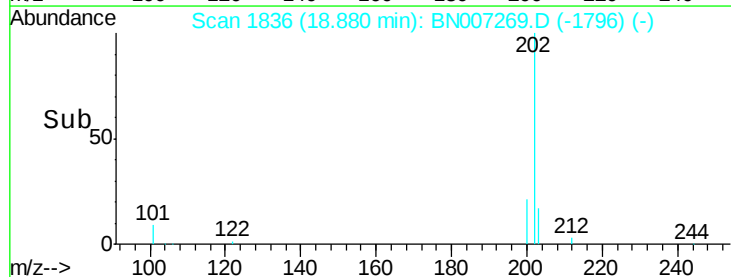
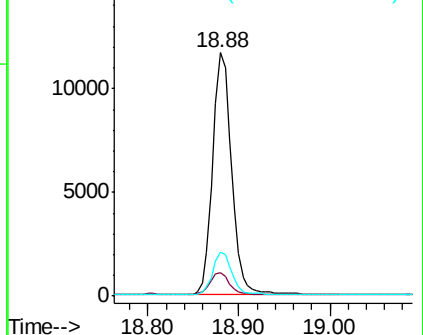
203 17.4 13.8 20.6

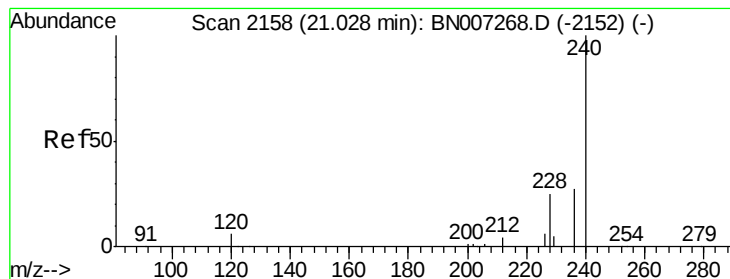


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.03 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.2

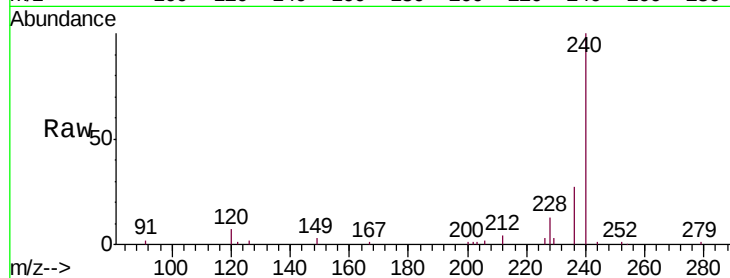
Tgt Ion:240 Resp: 23778

Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

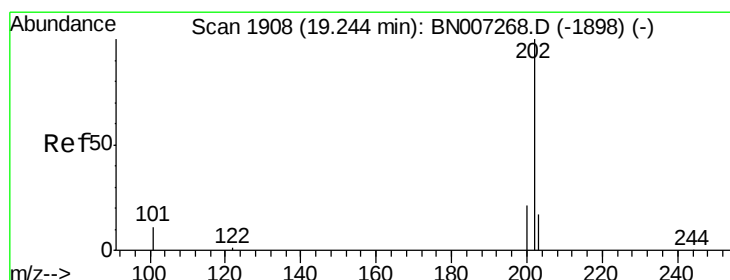
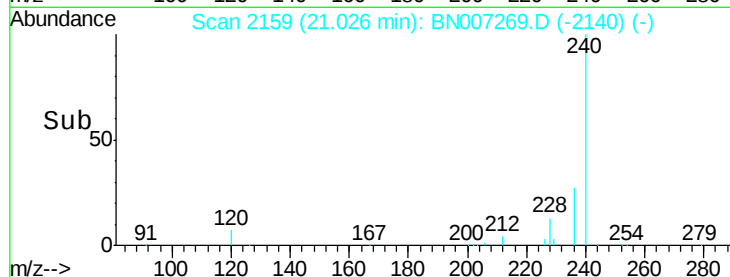
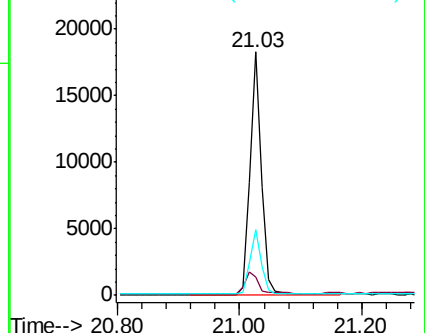
236 26.9 21.6 32.4



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



#28

Pyrene

Concen: 0.208 ng

RT: 19.25 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

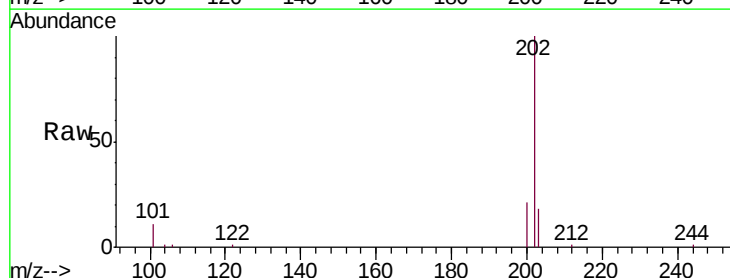
Tgt Ion:202 Resp: 17212

Ion Ratio Lower Upper

202 100

200 20.5 16.7 25.1

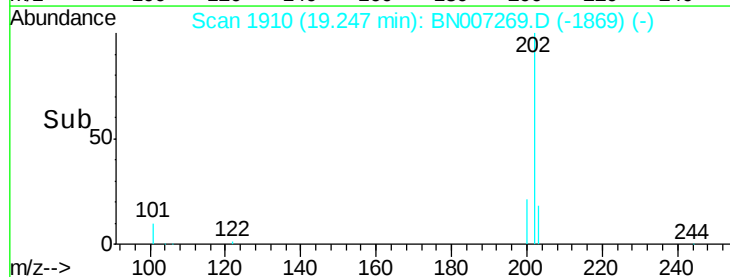
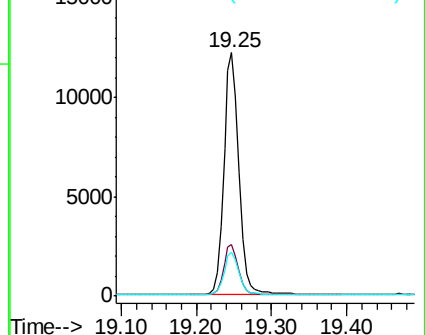
203 17.3 13.9 20.9



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: 0.223 ng

RT: 19.47 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

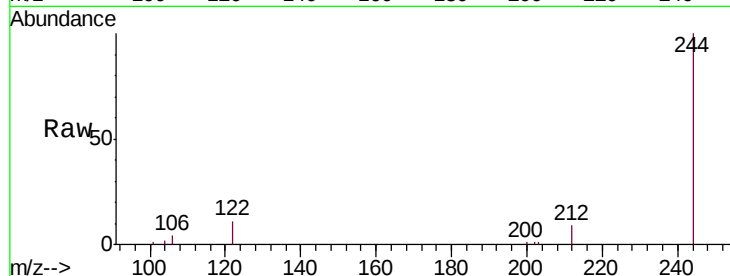
Tgt Ion:244 Resp: 11662

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

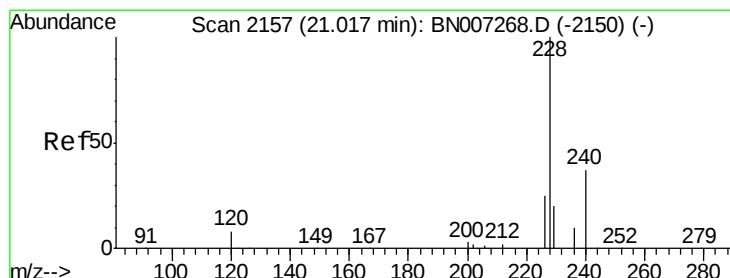
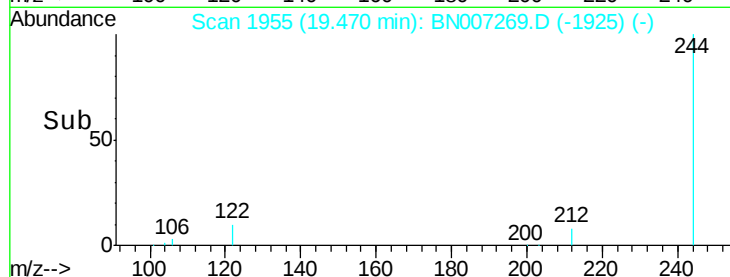
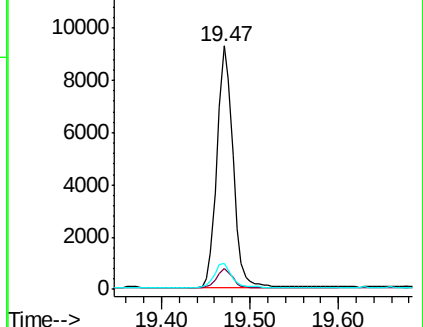
122 10.7 7.9 11.9



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: 0.221 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

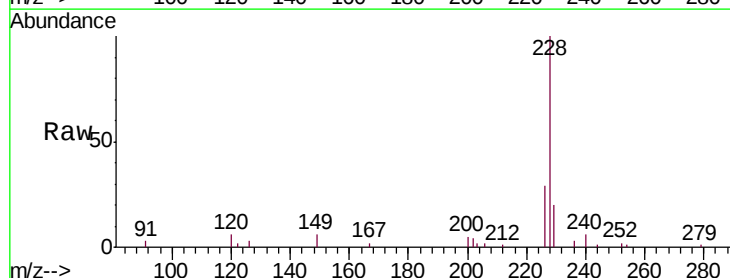
Tgt Ion:228 Resp: 16228

Ion Ratio Lower Upper

228 100

226 28.7 20.6 30.8

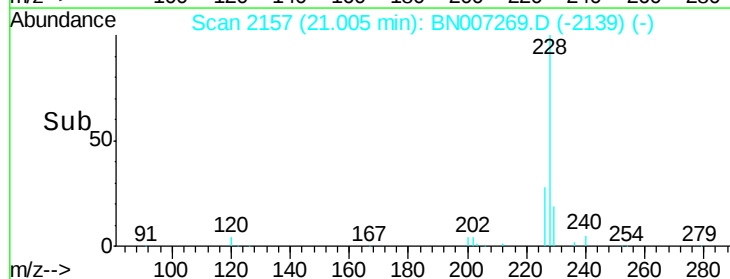
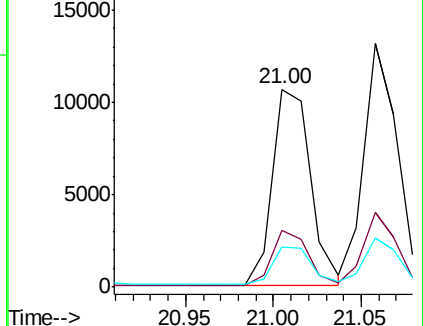
229 20.0 16.9 25.3



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: 0.212 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

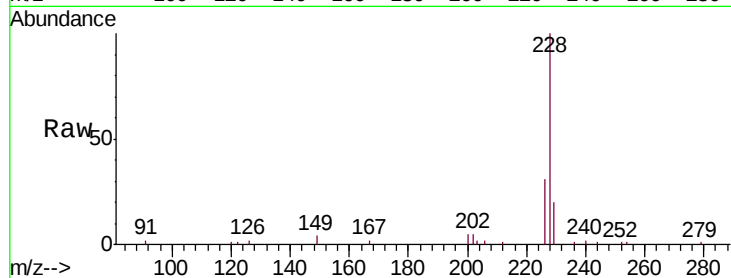
Tgt Ion:228 Resp: 17438

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

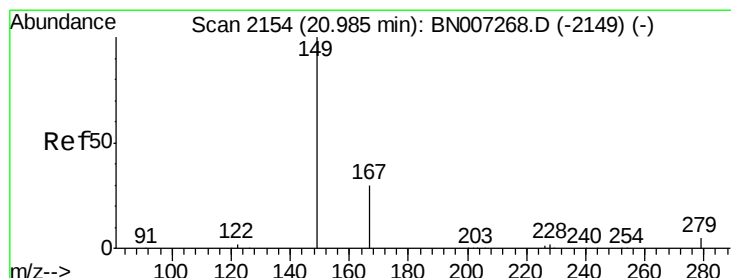
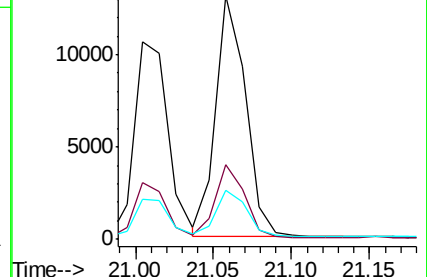
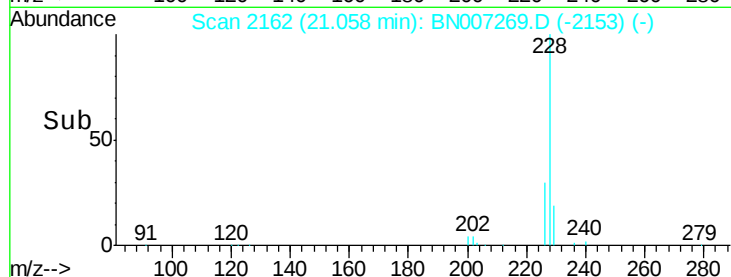
229 20.1 15.6 23.4



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.178 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

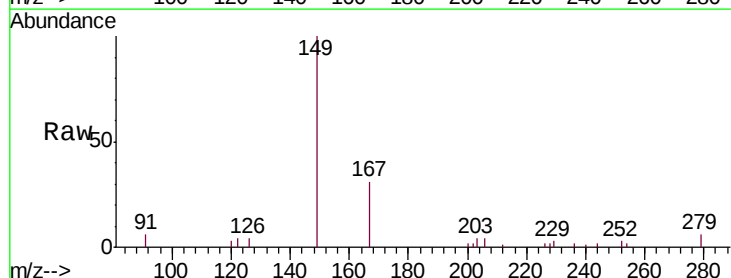
Tgt Ion:149 Resp: 6075

Ion Ratio Lower Upper

149 100

167 30.2 23.8 35.6

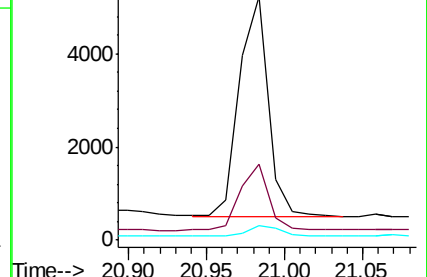
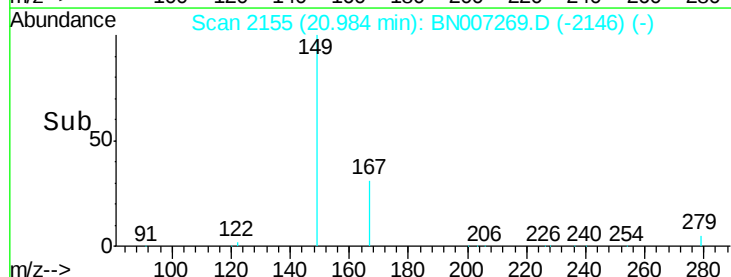
279 4.7 3.8 5.8

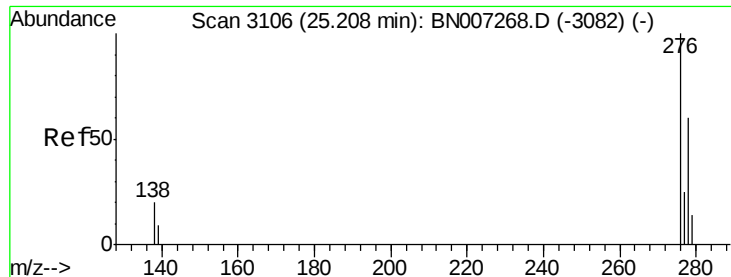


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.215 ng

RT: 25.20 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDIC0.2

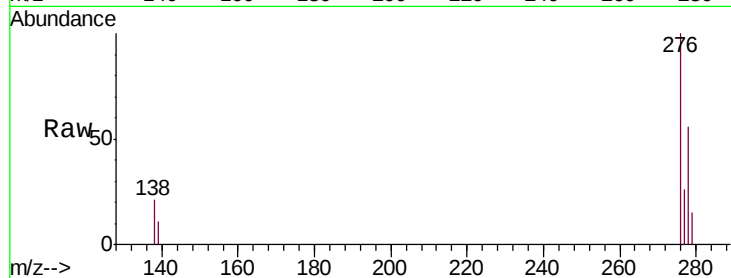
Tgt Ion:276 Resp: 21590

Ion Ratio Lower Upper

276 100

138 21.3 17.1 25.7

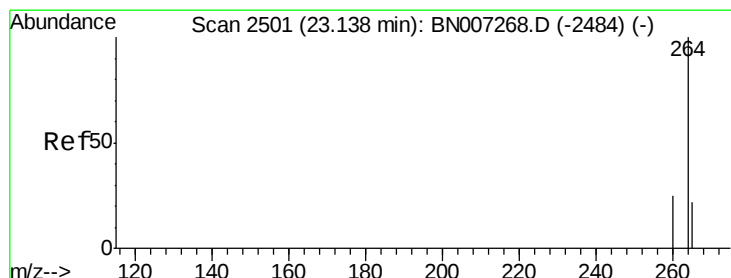
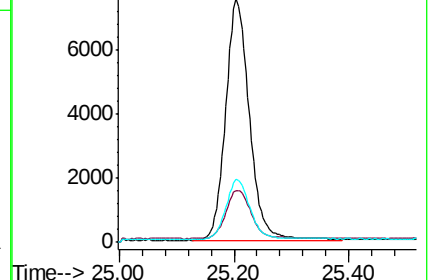
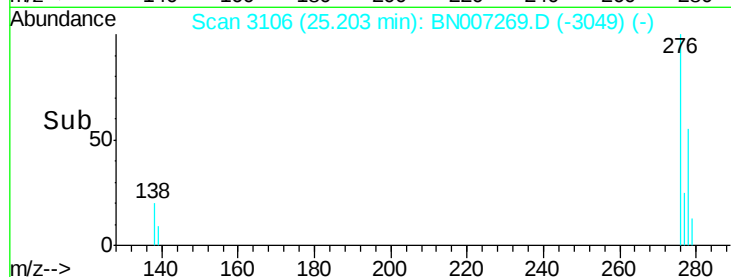
277 24.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.14 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

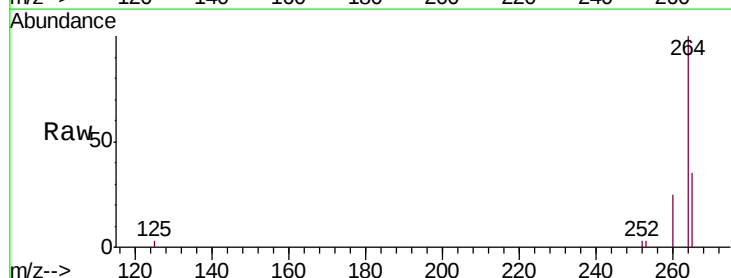
Tgt Ion:264 Resp: 25863

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

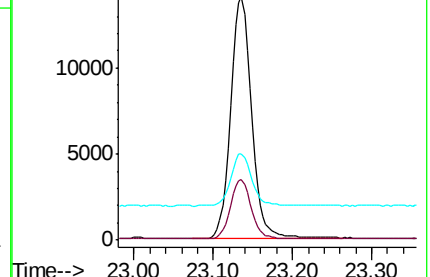
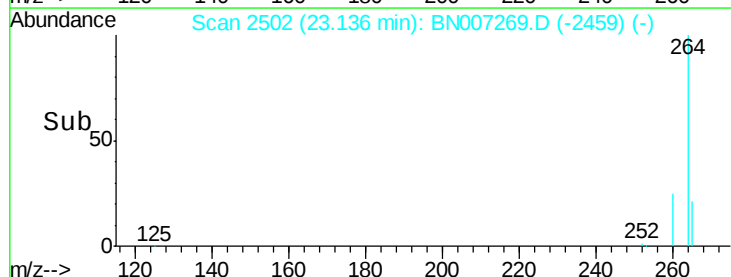
265 35.2 29.0 43.6

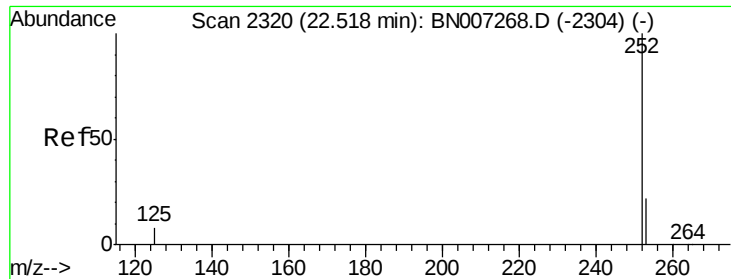


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

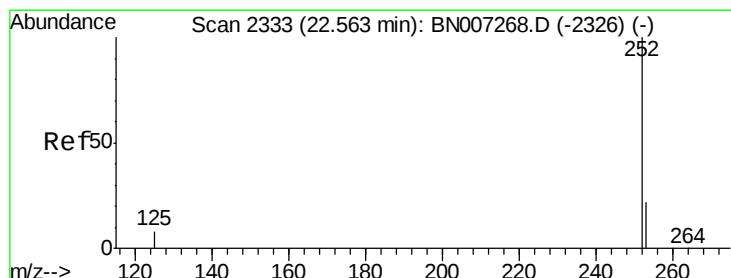
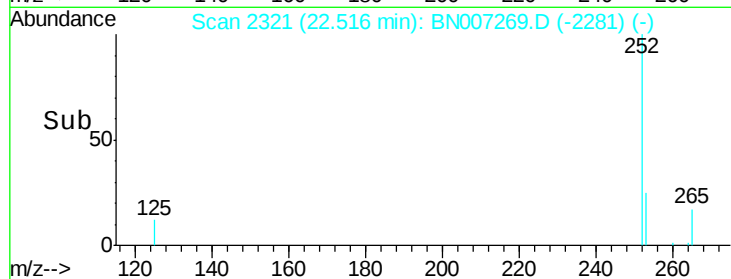
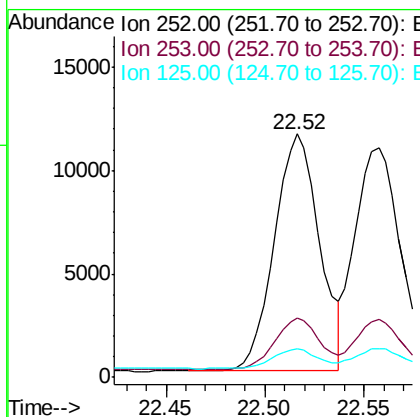
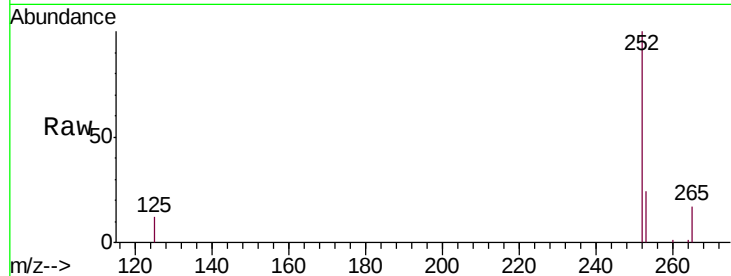




#35  
Benzo(b)fluoranthene  
Concen: 0.223 ng  
RT: 22.52 min Scan# 2321  
Delta R.T. -0.00 min  
Lab File: BN007269.D  
Acq: 20 Aug 2019 17:50

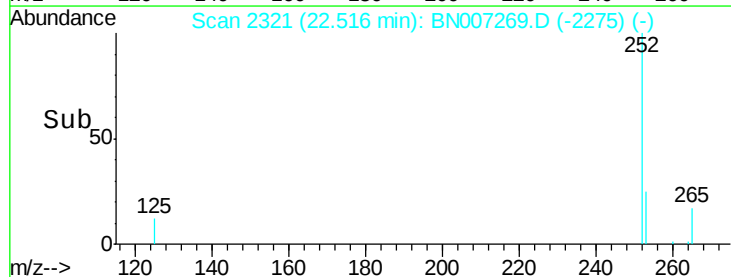
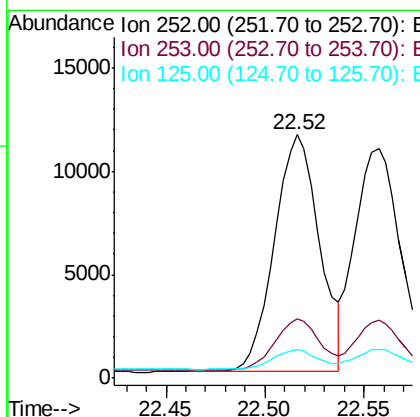
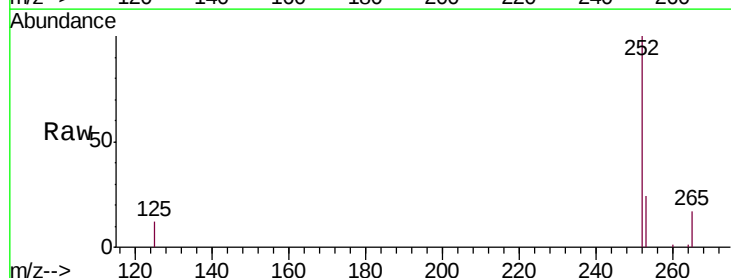
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.2

Tgt Ion:252 Resp: 18152  
Ion Ratio Lower Upper  
252 100  
253 24.2 18.5 27.7  
125 11.9 7.8 11.6#



#36  
Benzo(k)fluoranthene  
Concen: 0.199 ng  
RT: 22.52 min Scan# 2321  
Delta R.T. -0.05 min  
Lab File: BN007269.D  
Acq: 20 Aug 2019 17:50

Tgt Ion:252 Resp: 18152  
Ion Ratio Lower Upper  
252 100  
253 24.2 18.4 27.6  
125 11.9 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.206 ng

RT: 23.04 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2

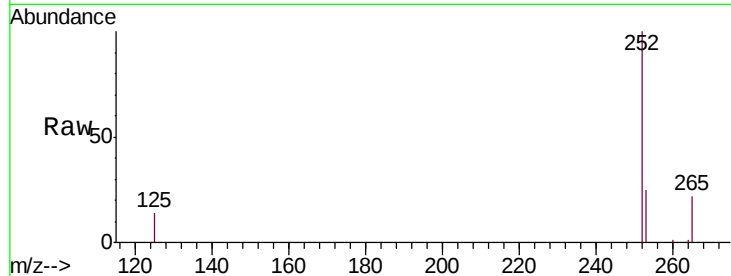
Tgt Ion:252 Resp: 16197

Ion Ratio Lower Upper

252 100

253 25.4 18.7 28.1

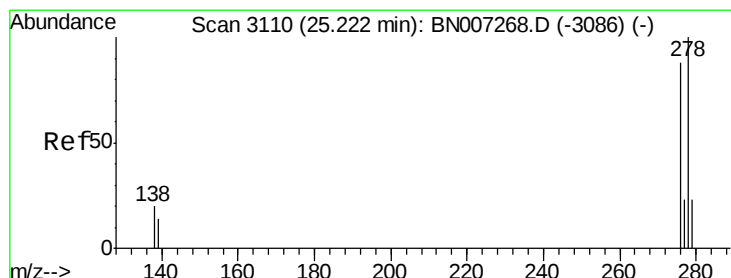
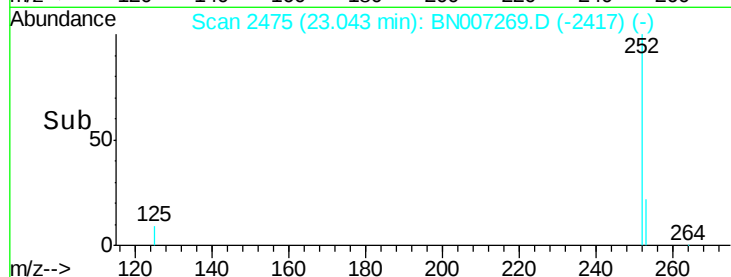
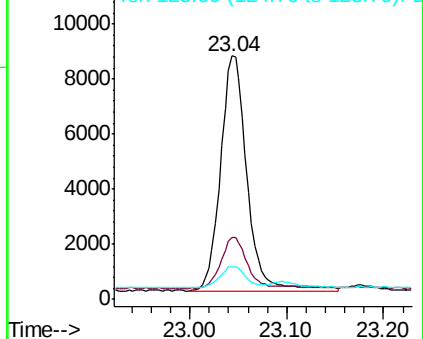
125 13.6 8.7 13.1#



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: 0.219 ng

RT: 25.22 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BN007269.D

Acq: 20 Aug 2019 17:50

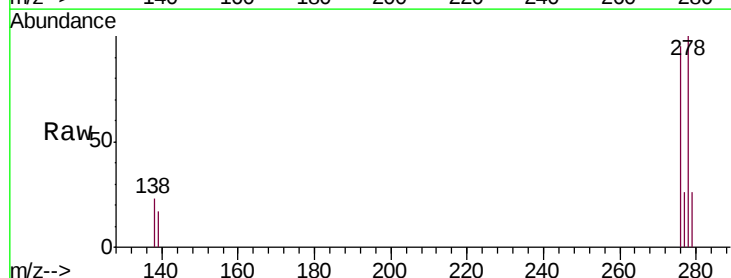
Tgt Ion:278 Resp: 17438

Ion Ratio Lower Upper

278 100

139 16.8 11.8 17.8

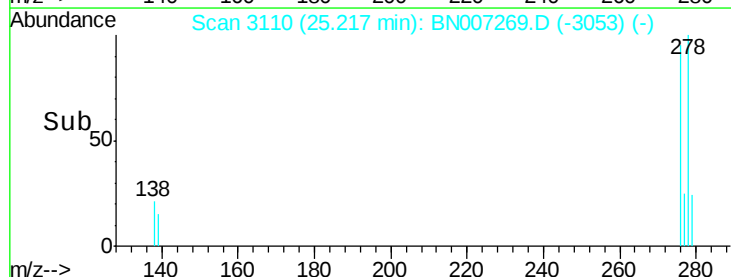
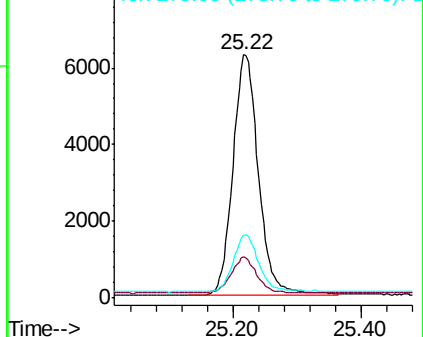
279 26.1 19.8 29.6

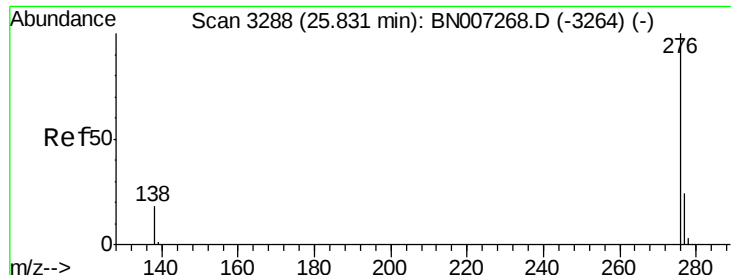


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.212 ng

RT: 25.83 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BN007269.D

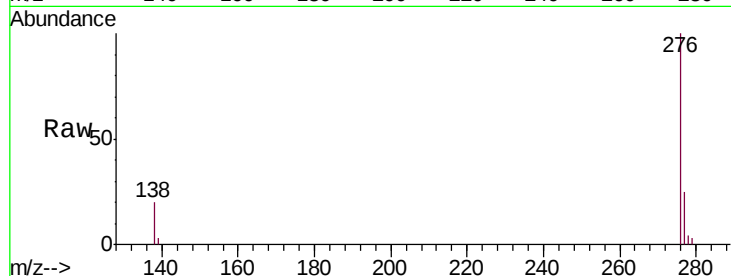
Acq: 20 Aug 2019 17:50

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.2



Tgt Ion: 276 Resp: 17650

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 19.8 15.3 22.9

