

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN082019\  
 Data File : BN007265.D  
 Acq On : 20 Aug 2019 15:25  
 Operator : HP/JU  
 Sample : SSTDICC1.6  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC1.6

Quant Time: Aug 20 18:03:50 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  | 5100     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.16 | 136  | 18792    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.06 | 164  | 10648    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.80 | 188  | 24609    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.03 | 240  | 25446    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.14 | 264  | 26433    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.04  | 112 | 22352  | 1.97 | ng | 0.00 |
| 5) Phenol-d6                | 6.60  | 99  | 26493  | 1.70 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.54  | 82  | 23344  | 1.82 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.77 | 152 | 52390  | 1.87 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.55 | 330 | 9123   | 1.84 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.68 | 172 | 74504  | 1.88 | ng | 0.00 |
| 25) Fluoranthene-d10        | 18.85 | 212 | 126585 | 1.70 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.47 | 244 | 101943 | 1.82 | ng | 0.00 |

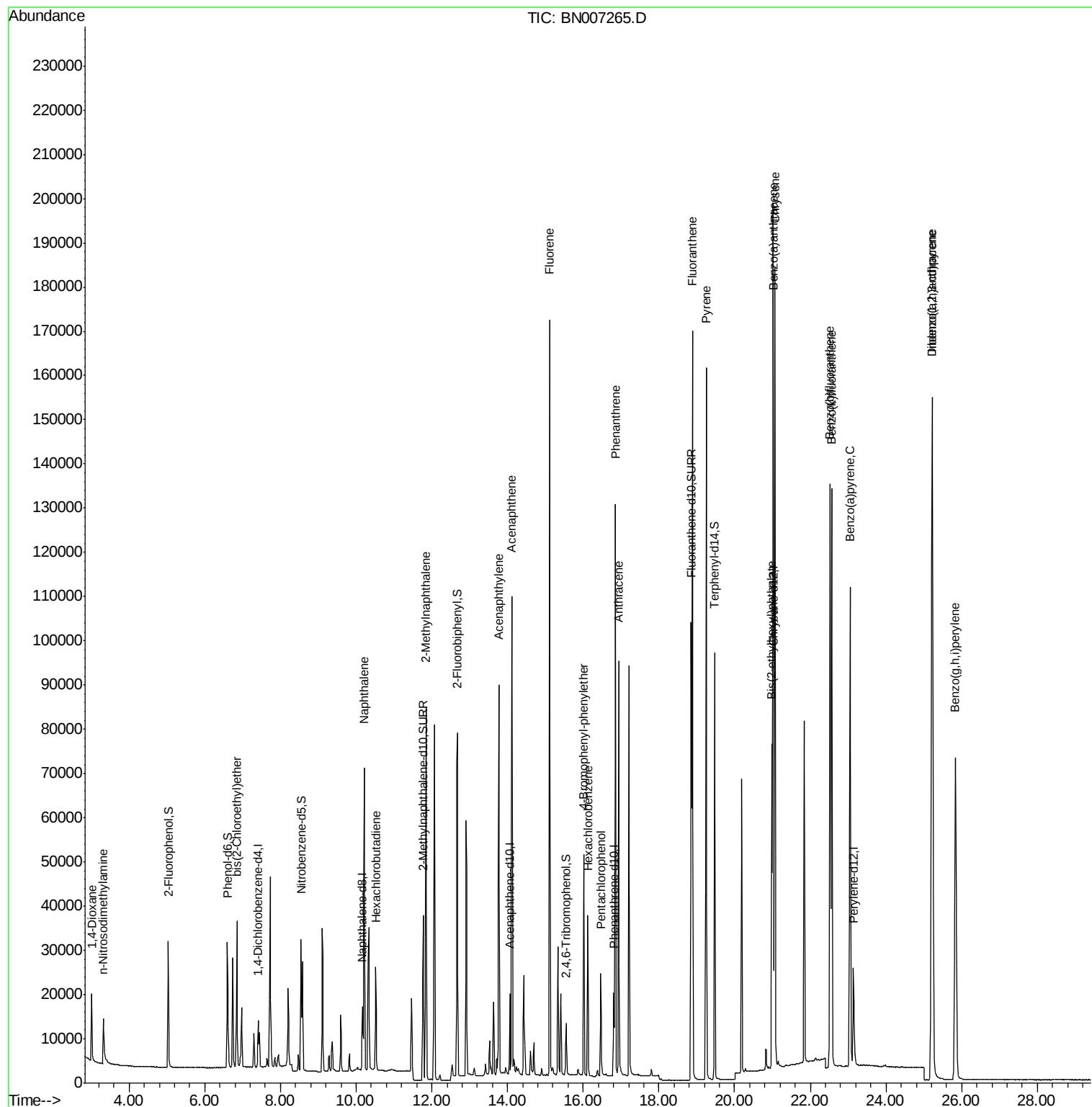
|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.01  | 88  | 10510  | 1.255  | ng | 93   |
| 3) n-Nitrosodimethylamine      | 3.32  | 42  | 8107   | 1.248  | ng | # 98 |
| 6) bis(2-Chloroethyl)ether     | 6.85  | 93  | 24200  | 1.395  | ng | 98   |
| 9) Naphthalene                 | 10.21 | 128 | 86078  | 1.710  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.52 | 225 | 19013  | 1.742  | ng | # 98 |
| 12) 2-Methylnaphthalene        | 11.84 | 142 | 60433  | 1.878  | ng | 99   |
| 16) Acenaphthylene             | 13.77 | 152 | 93773  | 1.865  | ng | 99   |
| 17) Acenaphthene               | 14.11 | 154 | 58973  | 1.747  | ng | 100  |
| 18) Fluorene                   | 15.12 | 166 | 76850  | 1.838  | ng | 99   |
| 20) 4-Bromophenyl-phenylether  | 16.01 | 248 | 23759  | 1.707  | ng | # 82 |
| 21) Hexachlorobenzene          | 16.12 | 284 | 26422  | 1.457  | ng | 99   |
| 22) Pentachlorophenol          | 16.46 | 266 | 11245  | 4.704  | ng | 96   |
| 23) Phenanthrene               | 16.85 | 178 | 125982 | 1.847  | ng | 100  |
| 24) Anthracene                 | 16.94 | 178 | 113742 | 1.924  | ng | 99   |
| 26) Fluoranthene               | 18.88 | 202 | 153273 | 1.790  | ng | 100  |
| 28) Pyrene                     | 19.25 | 202 | 152094 | 1.720  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.02 | 228 | 155192 | 1.979  | ng | 98   |
| 31) Chrysene                   | 21.07 | 228 | 157023 | 1.787  | ng | 98   |
| 32) Bis(2-ethylhexyl)phthalate | 20.98 | 149 | 61463  | 1.683  | ng | 98   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.21 | 276 | 183057 | 1.702  | ng | 100  |
| 35) Benzo(b)fluoranthene       | 22.52 | 252 | 160469 | 1.932  | ng | 97   |
| 36) Benzo(k)fluoranthene       | 22.56 | 252 | 154565 | 1.658  | ng | 97   |
| 37) Benzo(a)pyrene             | 23.05 | 252 | 146197 | 1.815  | ng | 97   |
| 38) Dibenzo(a,h)anthracene     | 25.23 | 278 | 149246 | 1.838  | ng | 98   |
| 39) Benzo(g,h,i)perylene       | 25.83 | 276 | 150045 | 1.763  | ng | 99   |

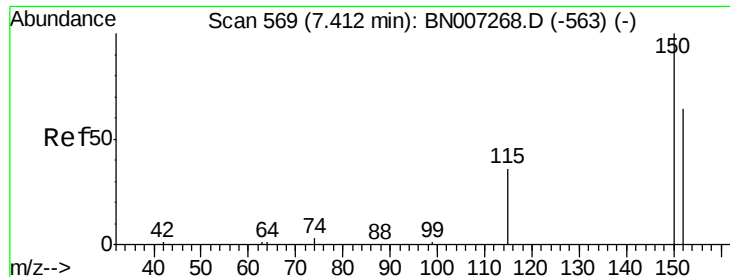
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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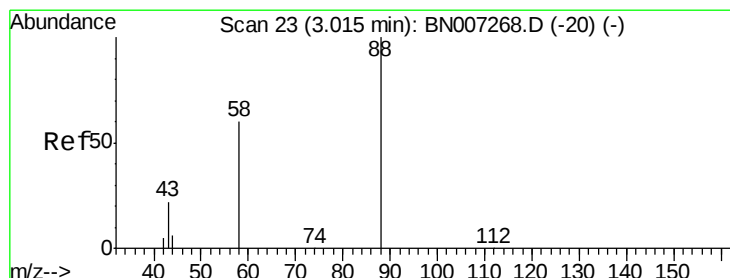
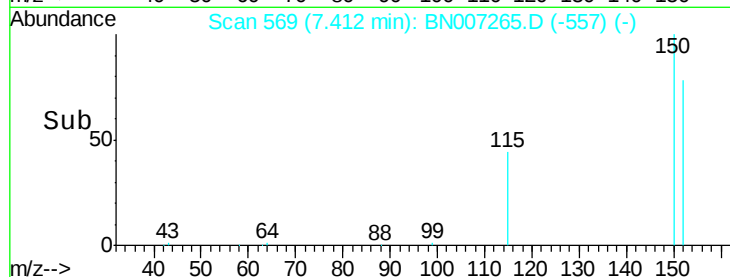
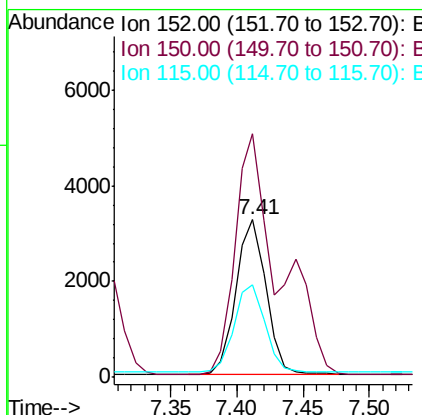
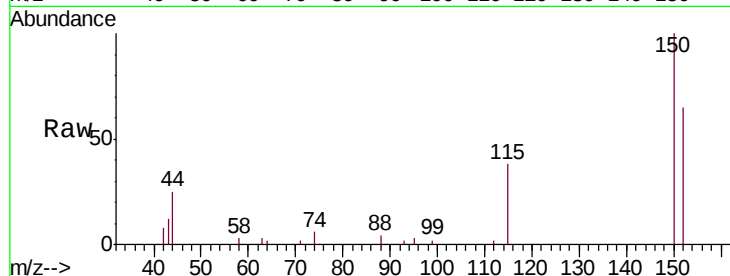




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.41 min Scan# 569  
 Delta R.T. -0.00 min  
 Lab File: BN007265.D  
 Acq: 20 Aug 2019 15:25

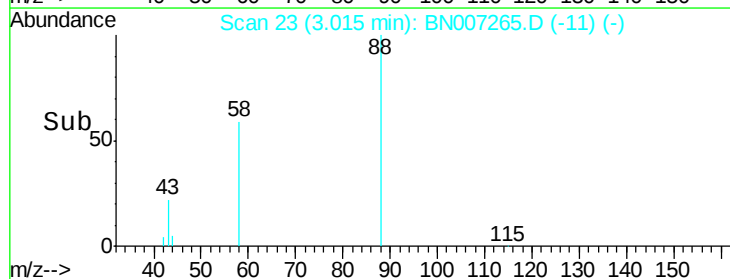
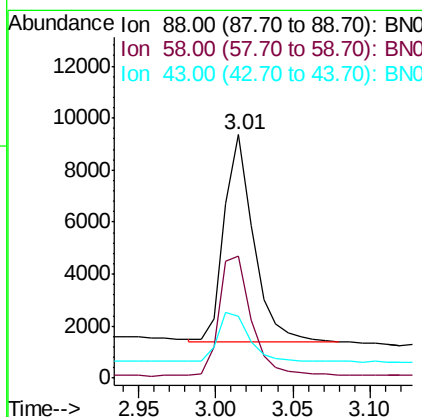
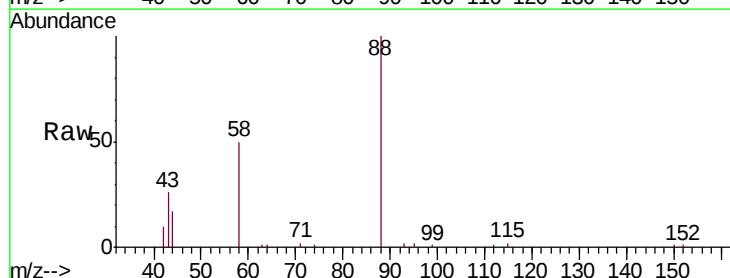
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC1.6

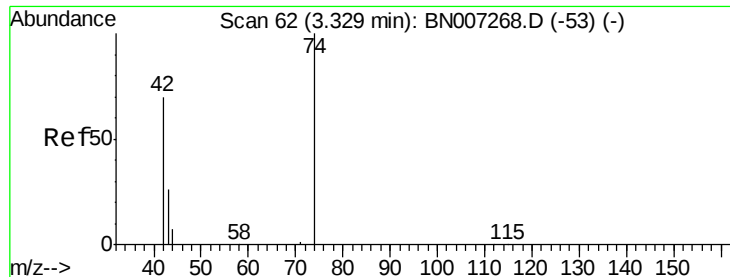
Tgt Ion:152 Resp: 5100  
 Ion Ratio Lower Upper  
 152 100  
 150 154.3 123.8 185.8  
 115 58.3 47.3 70.9



#2  
 1,4-Dioxane  
 Concen: 1.255 ng  
 RT: 3.01 min Scan# 23  
 Delta R.T. -0.00 min  
 Lab File: BN007265.D  
 Acq: 20 Aug 2019 15:25

Tgt Ion: 88 Resp: 10510  
 Ion Ratio Lower Upper  
 88 100  
 58 64.0 45.5 68.3  
 43 25.6 20.4 30.6





#3

n-Nitrosodimethylamine

Concen: 1.248 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

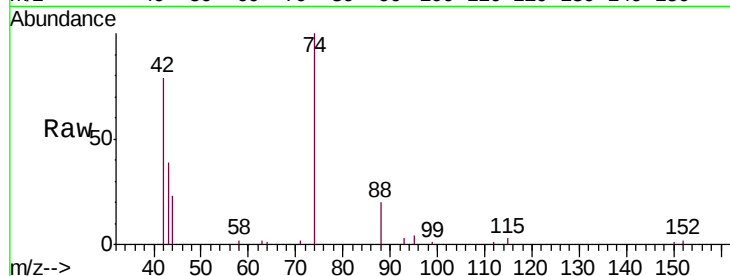
Tgt Ion: 42 Resp: 8107

Ion Ratio Lower Upper

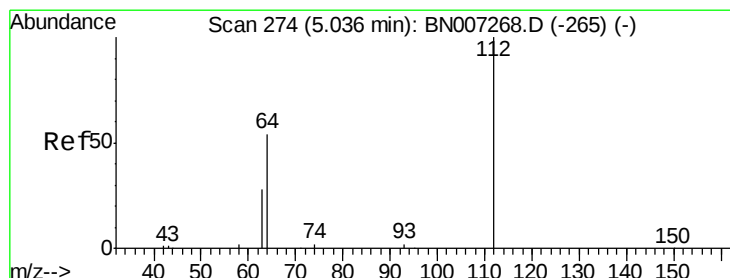
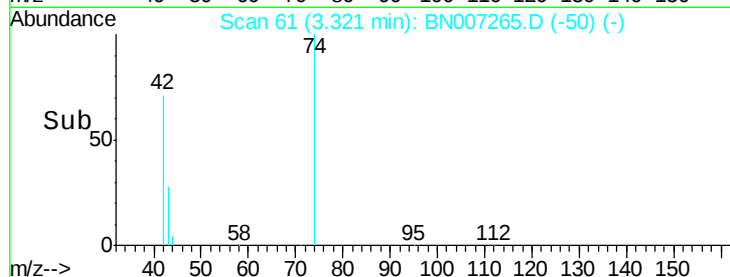
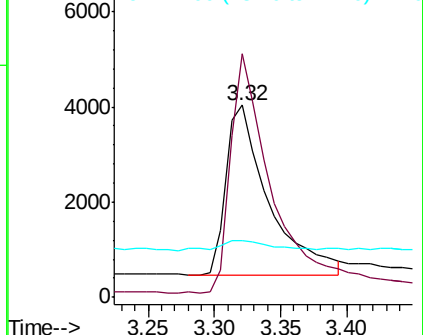
42 100

74 133.5 109.0 163.4

44 7.9 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: 1.972 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

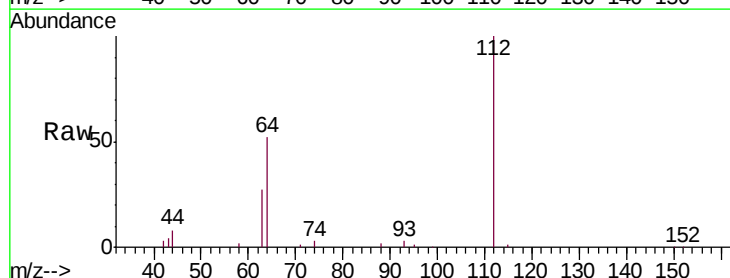
Tgt Ion: 112 Resp: 22352

Ion Ratio Lower Upper

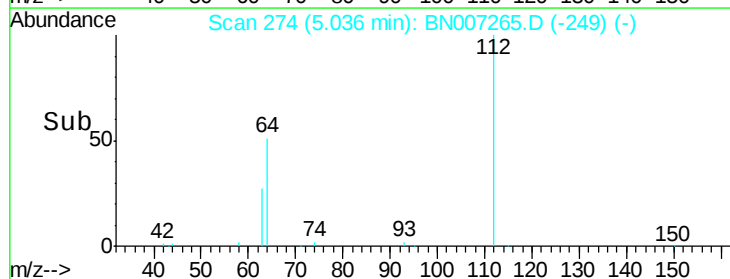
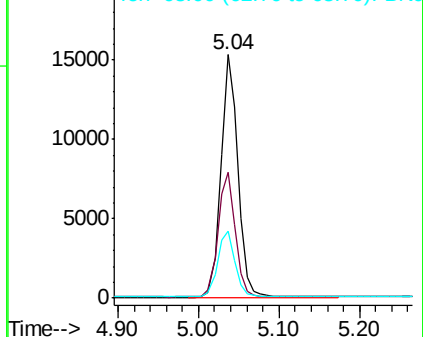
112 100

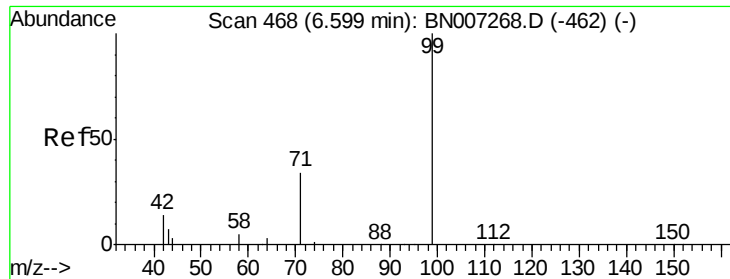
64 51.9 41.8 62.8

63 27.4 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: 1.699 ng

RT: 6.60 min Scan# 468

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

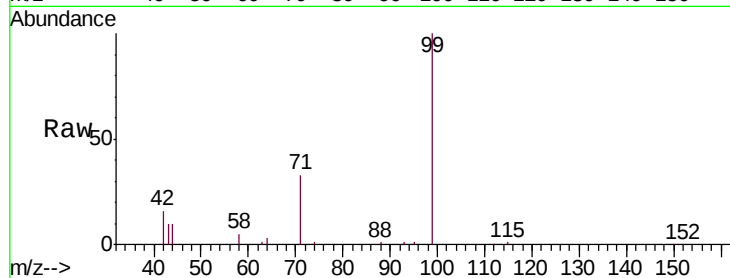
Tgt Ion: 99 Resp: 26493

Ion Ratio Lower Upper

99 100

42 18.0 14.3 21.5

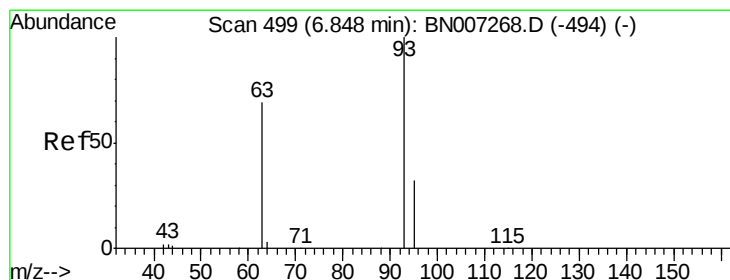
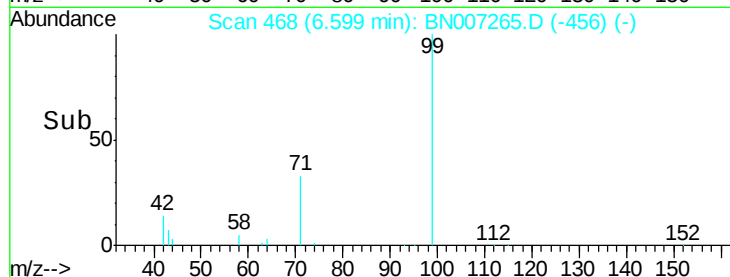
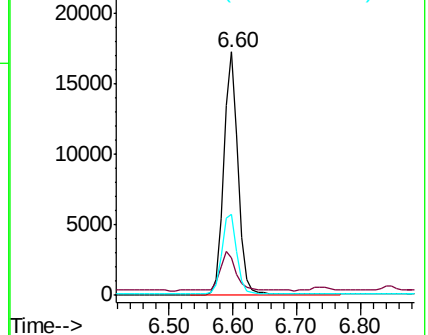
71 34.4 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN007265.D (-456) (-)

Ion 42.00 (41.70 to 42.70): BN007265.D (-456) (-)

Ion 71.00 (70.70 to 71.70): BN007265.D (-456) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.395 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

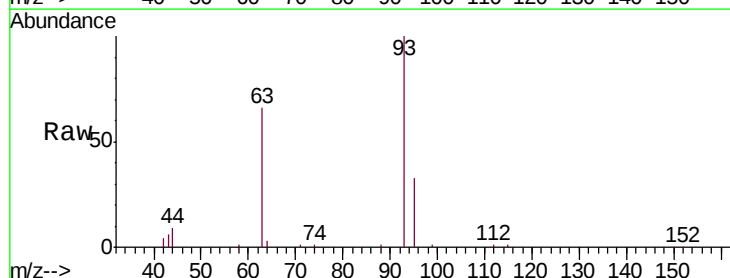
Tgt Ion: 93 Resp: 24200

Ion Ratio Lower Upper

93 100

63 69.7 54.4 81.6

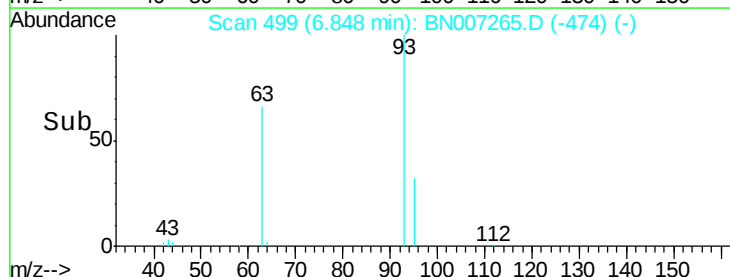
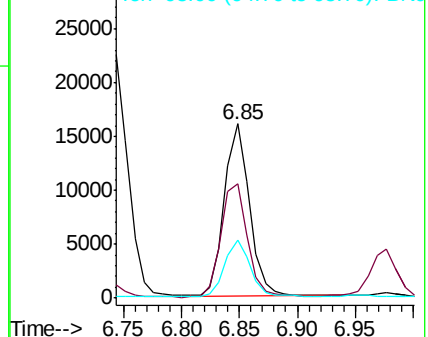
95 33.0 25.5 38.3

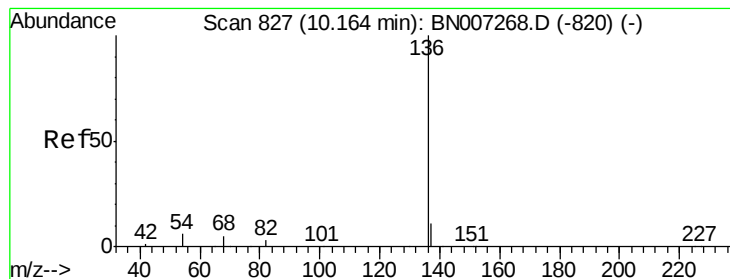


Abundance Ion 93.00 (92.70 to 93.70): BN007265.D (-474) (-)

Ion 63.00 (62.70 to 63.70): BN007265.D (-474) (-)

Ion 95.00 (94.70 to 95.70): BN007265.D (-474) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:136 Resp: 18792

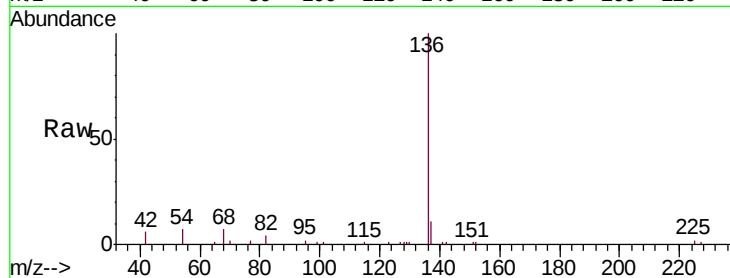
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.7 5.9 8.9

68 6.8 5.6 8.4

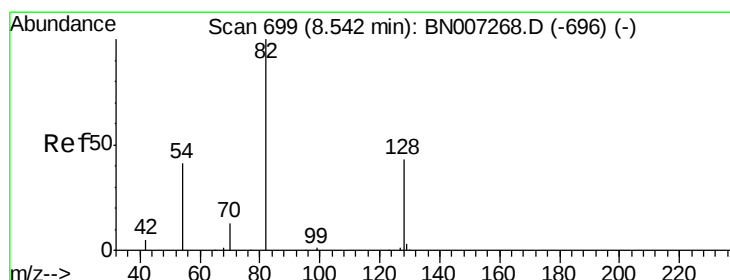
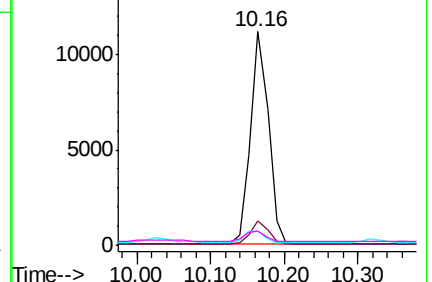
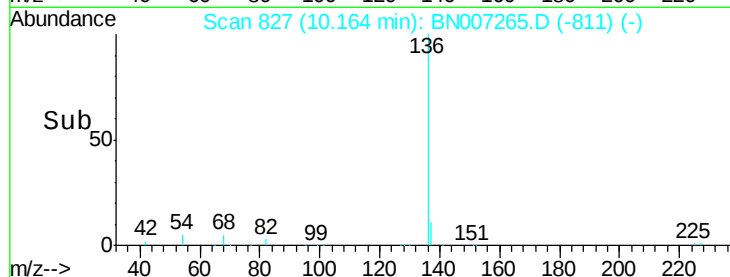


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.822 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

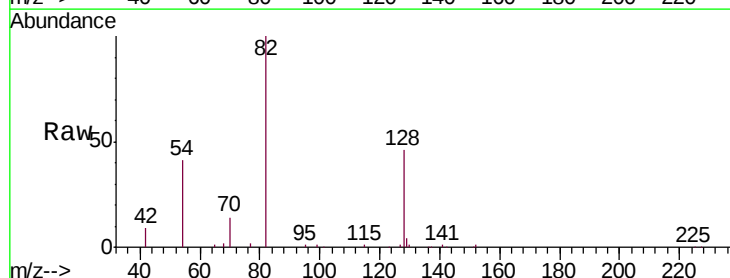
Tgt Ion: 82 Resp: 23344

Ion Ratio Lower Upper

82 100

128 46.2 35.8 53.6

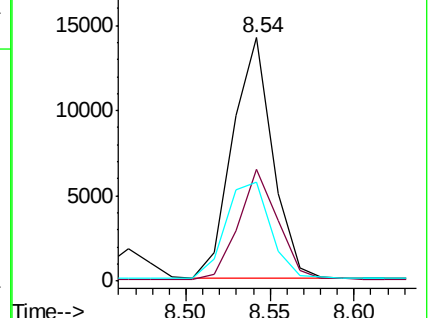
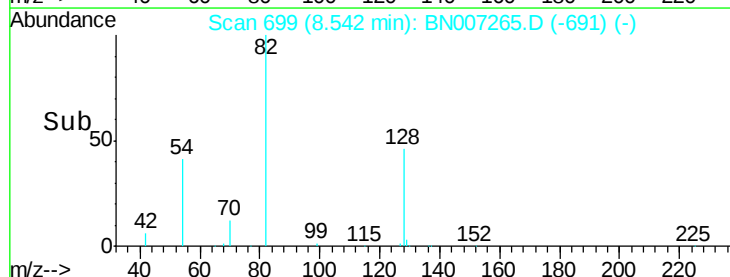
54 40.9 34.7 52.1

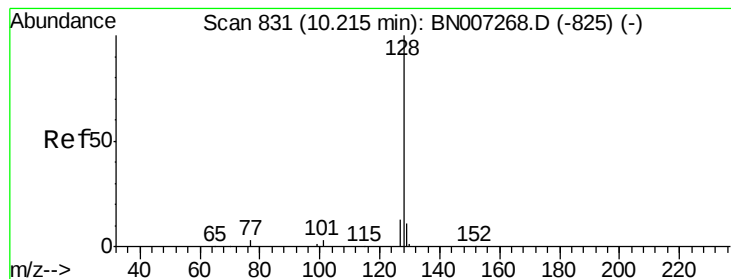


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.710 ng

RT: 10.21 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

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BNA\_N

ClientSampleId :

SSTDICC1.6

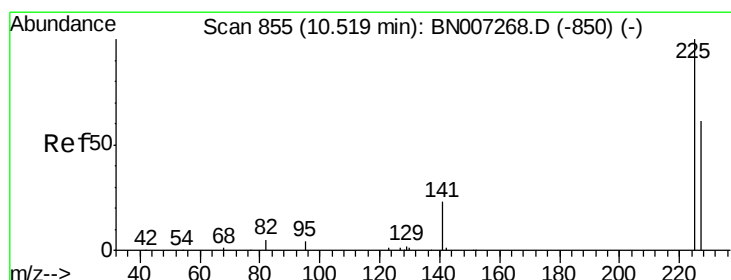
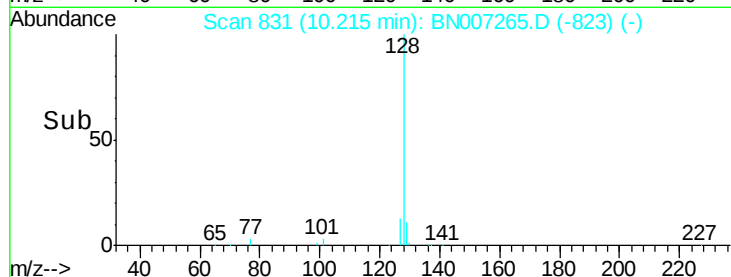
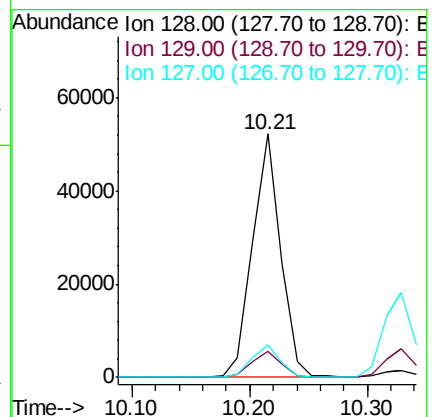
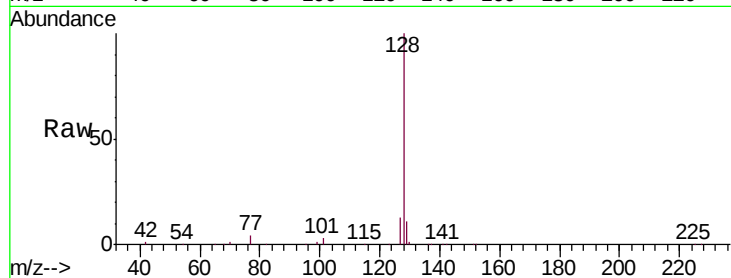
Tgt Ion:128 Resp: 86078

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

127 13.2 10.6 16.0



#10

Hexachlorobutadiene

Concen: 1.742 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

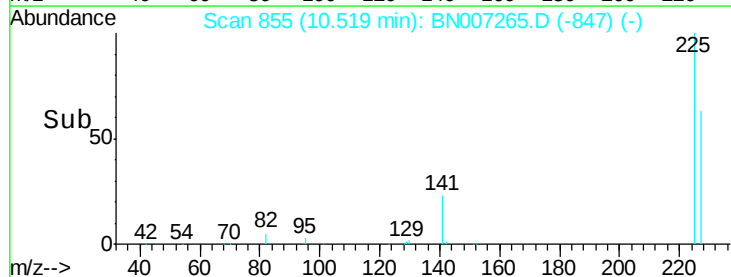
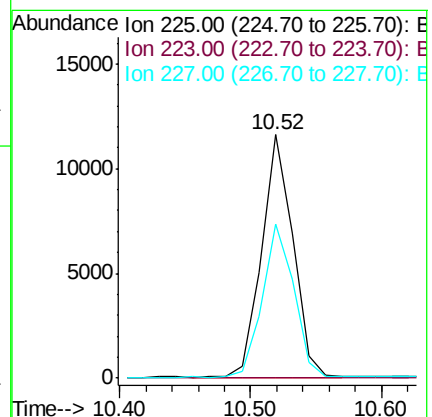
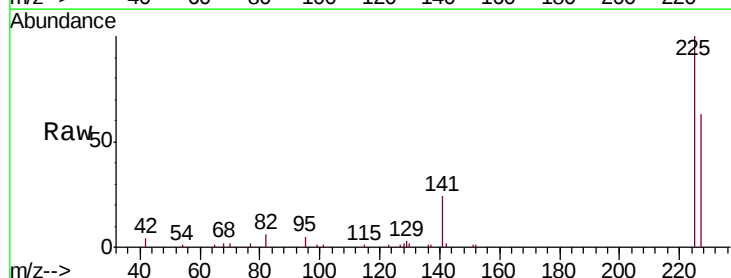
Tgt Ion:225 Resp: 19013

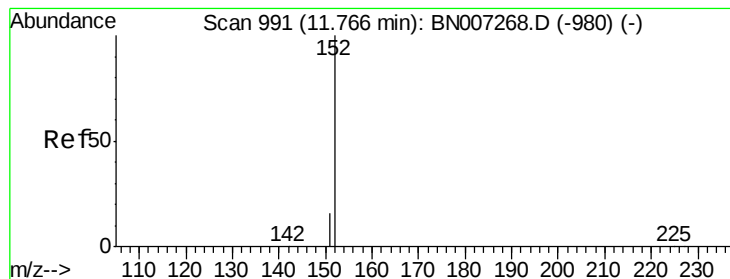
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.9 50.2 75.2





#11

2-Methylnaphthalene-d10

Concen: 1.866 ng

RT: 11.77 min Scan# 991

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

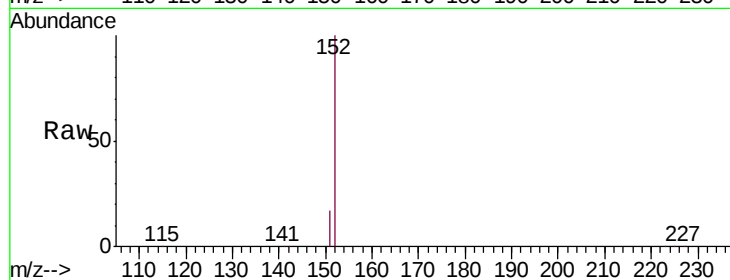
SSTDICC1.6

Tgt Ion:152 Resp: 52390

Ion Ratio Lower Upper

152 100

151 19.2 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

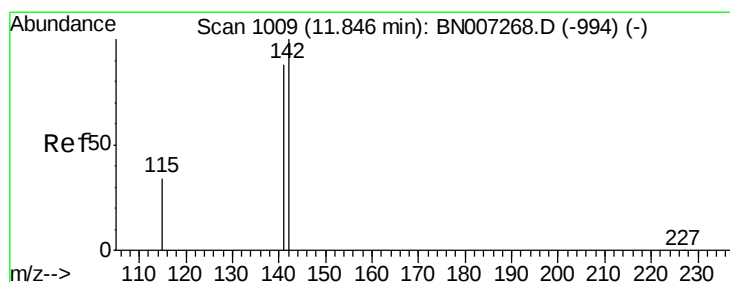
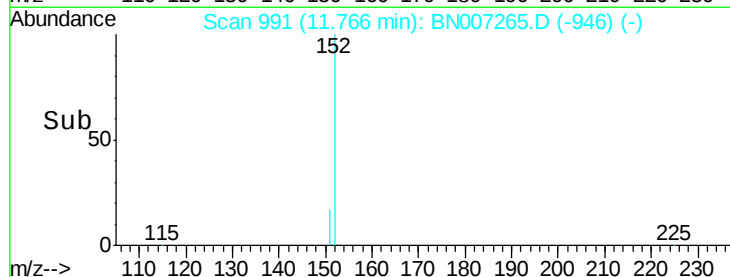
30000

20000

10000

0

Time-->



#12

2-Methylnaphthalene

Concen: 1.878 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

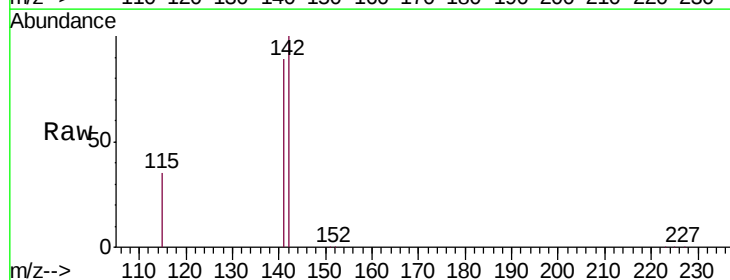
Tgt Ion:142 Resp: 60433

Ion Ratio Lower Upper

142 100

141 89.0 70.7 106.1

115 34.8 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

50000

40000

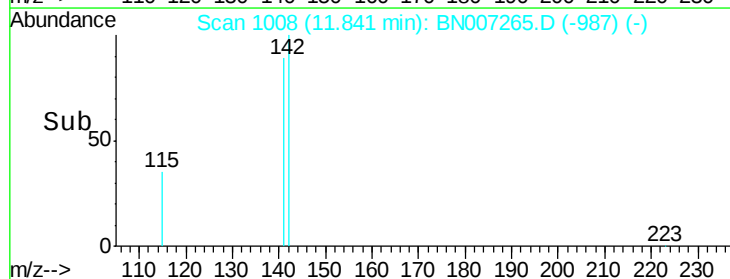
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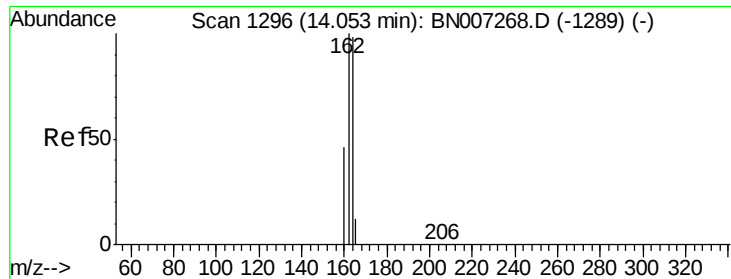
20000

10000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

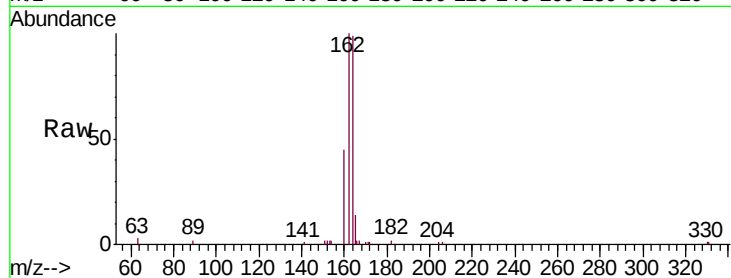
Tgt Ion:164 Resp: 10648

Ion Ratio Lower Upper

164 100

162 101.5 82.0 123.0

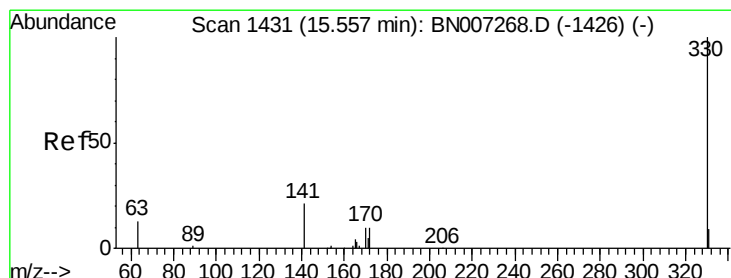
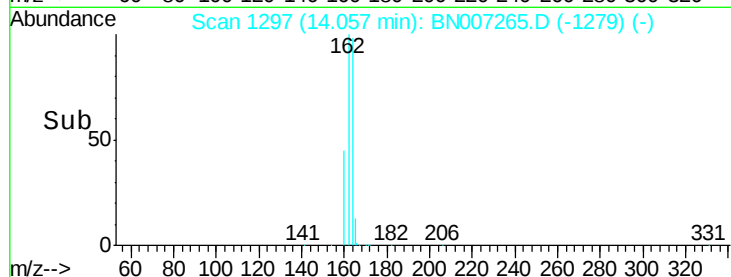
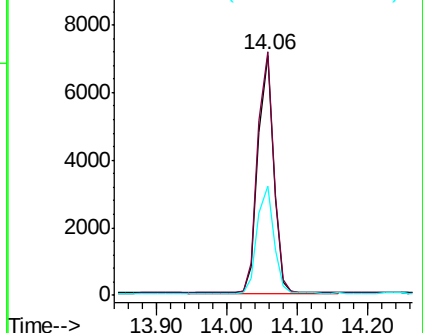
160 45.6 38.2 57.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 1.836 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

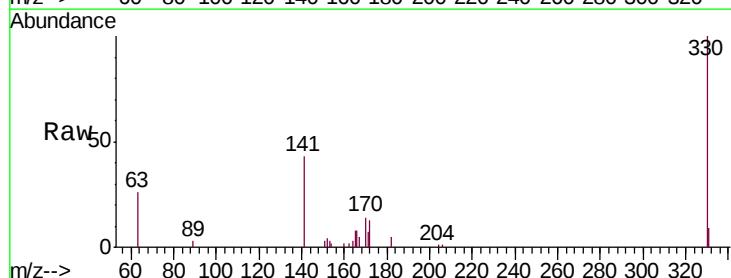
Tgt Ion:330 Resp: 9123

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

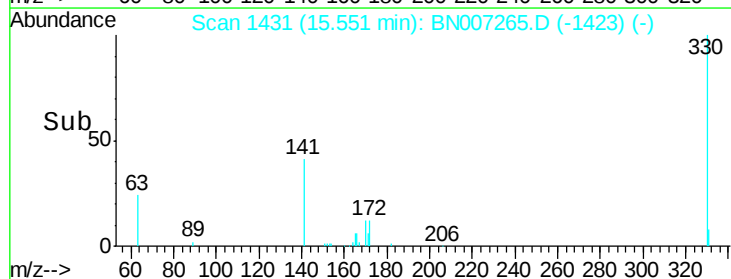
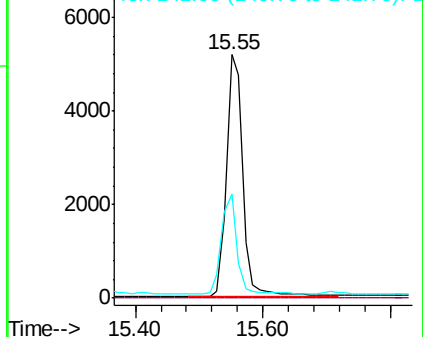
141 39.4 30.3 45.5

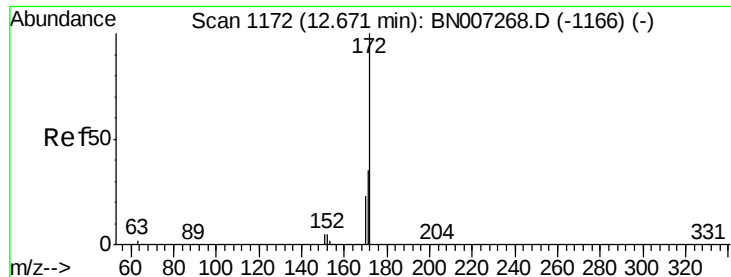


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

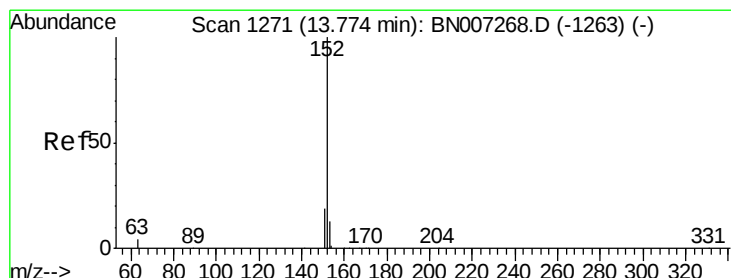
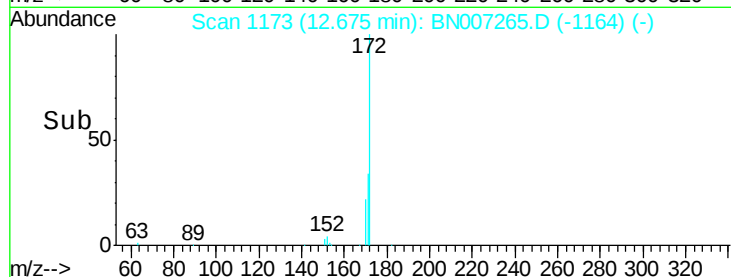
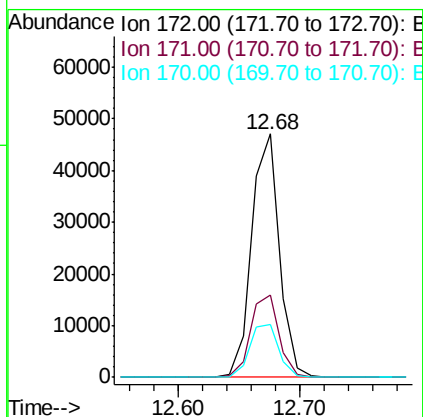
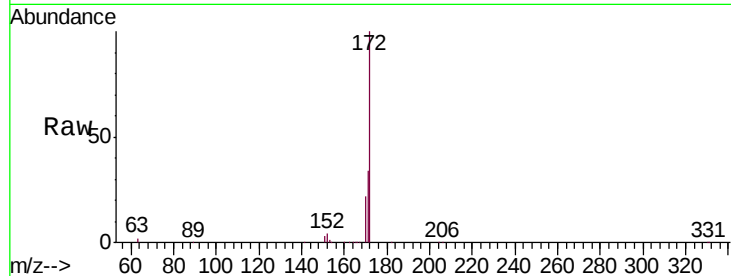




#15  
2-Fluorobiphenyl  
Concen: 1.879 ng  
RT: 12.68 min Scan# 1173  
Delta R.T. 0.00 min  
Lab File: BN007265.D  
Acq: 20 Aug 2019 15:25

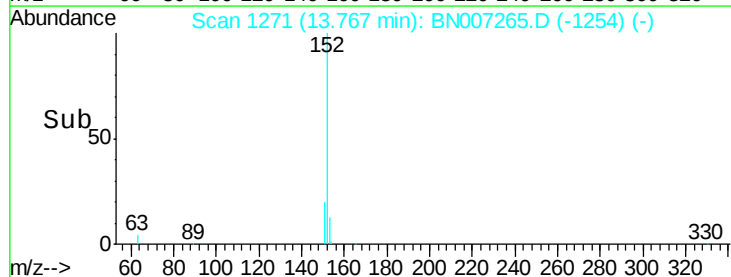
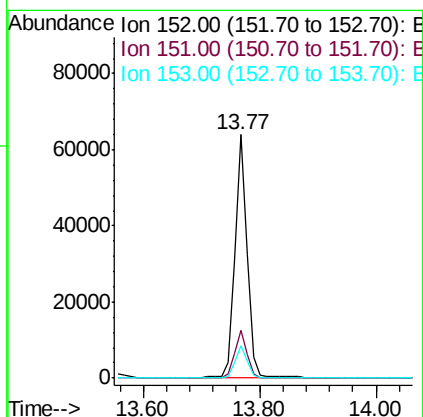
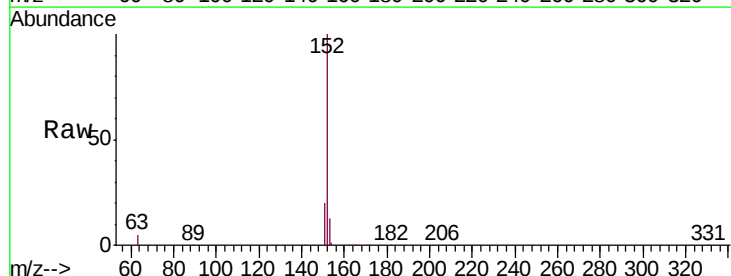
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC1.6

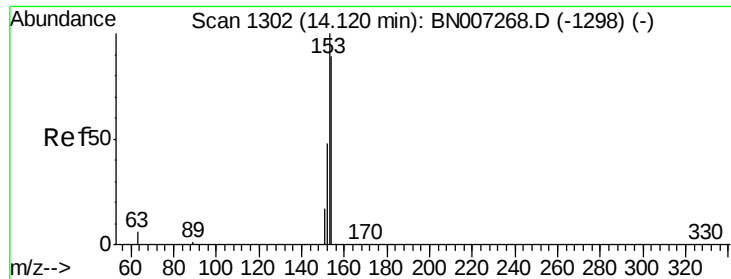
Tgt Ion:172 Resp: 74504  
Ion Ratio Lower Upper  
172 100  
171 33.6 28.6 43.0  
170 21.8 18.7 28.1



#16  
Acenaphthylene  
Concen: 1.865 ng  
RT: 13.77 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: BN007265.D  
Acq: 20 Aug 2019 15:25

Tgt Ion:152 Resp: 93773  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.4 23.2  
153 13.0 10.1 15.1





#17

Acenaphthene

Concen: 1.747 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

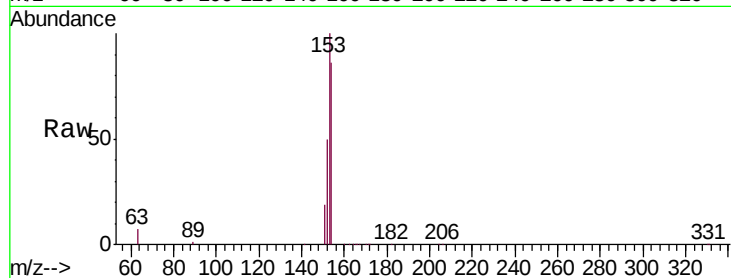
Tgt Ion:154 Resp: 58973

Ion Ratio Lower Upper

154 100

153 112.8 89.9 134.9

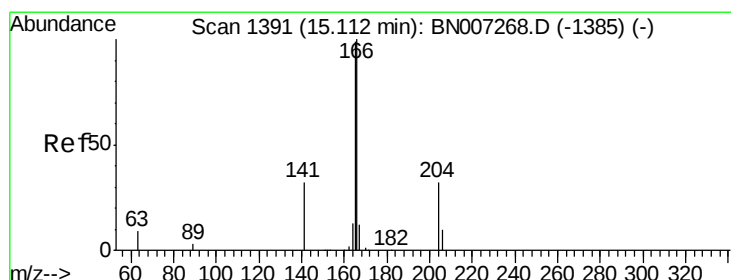
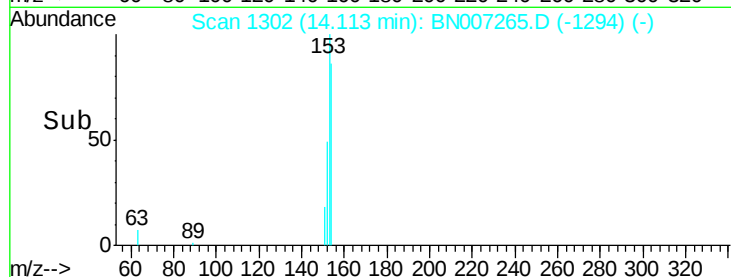
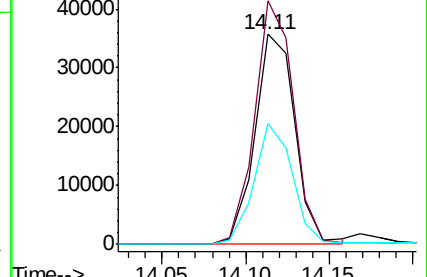
152 54.7 43.9 65.9



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: 1.838 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

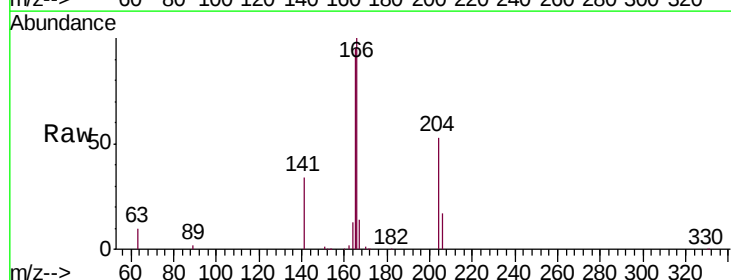
Tgt Ion:166 Resp: 76850

Ion Ratio Lower Upper

166 100

165 97.6 78.3 117.5

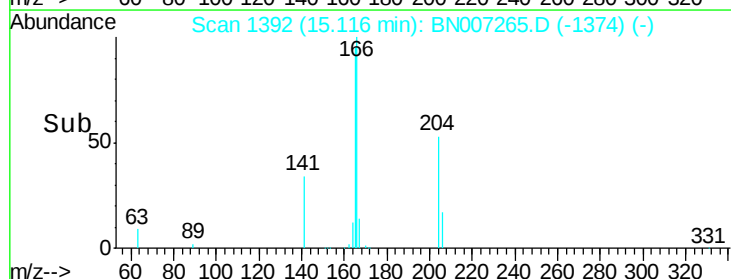
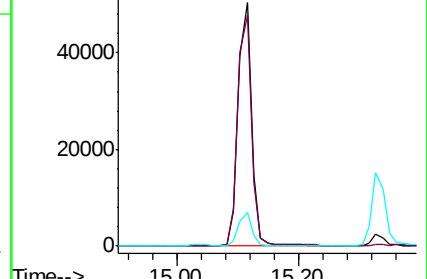
167 13.2 11.1 16.7

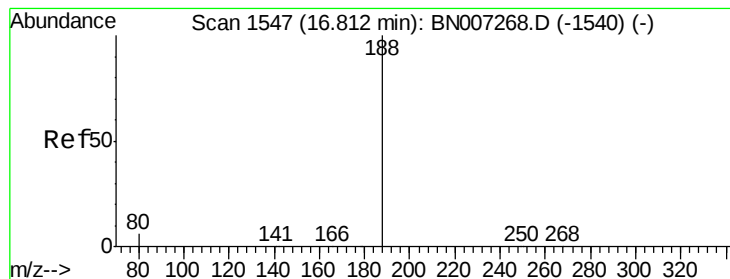


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

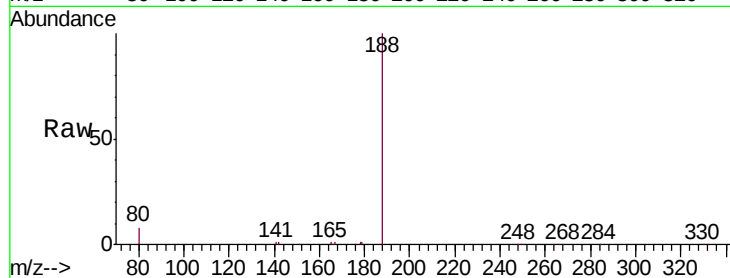
Tgt Ion:188 Resp: 24609

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

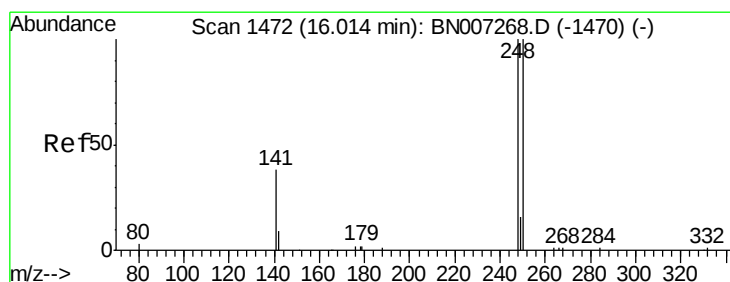
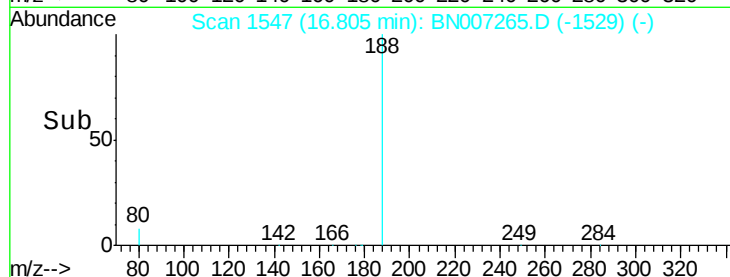
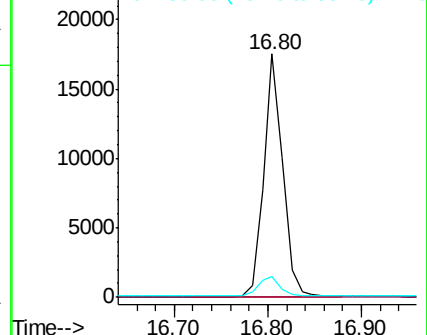
80 8.4 5.2 7.8#



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: 1.707 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

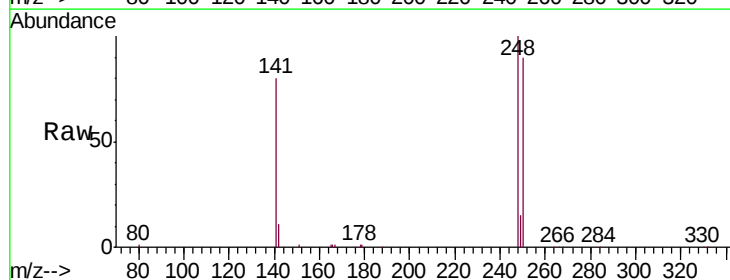
Tgt Ion:248 Resp: 23759

Ion Ratio Lower Upper

248 100

250 90.0 79.6 119.4

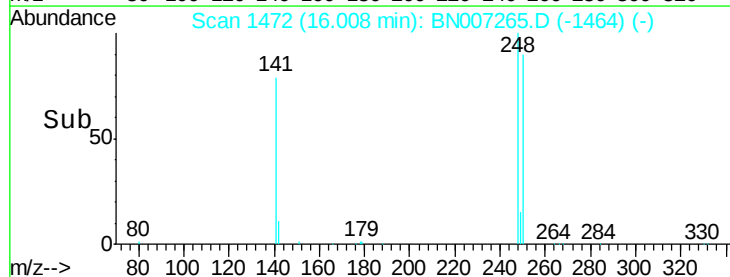
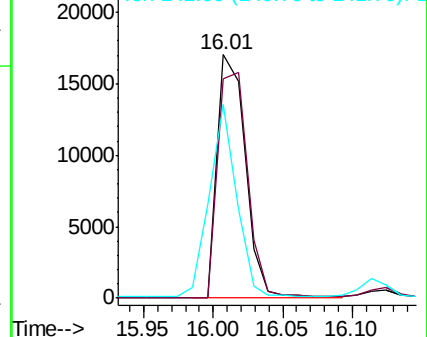
141 79.8 45.1 67.7#

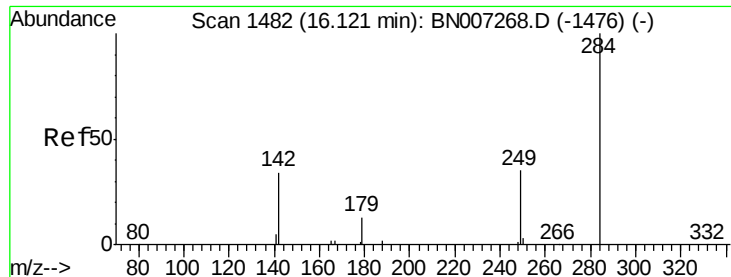


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

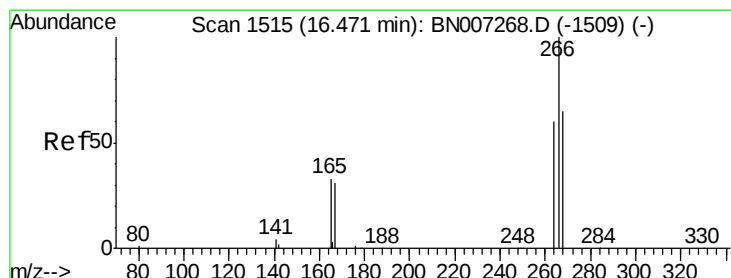
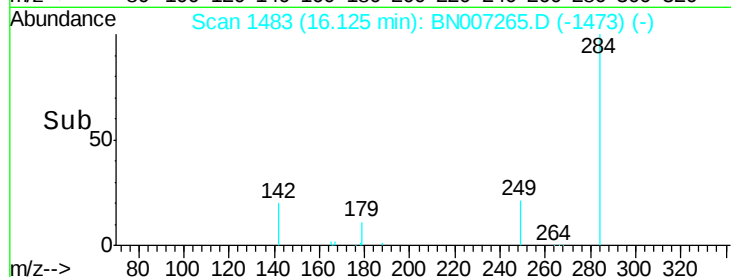
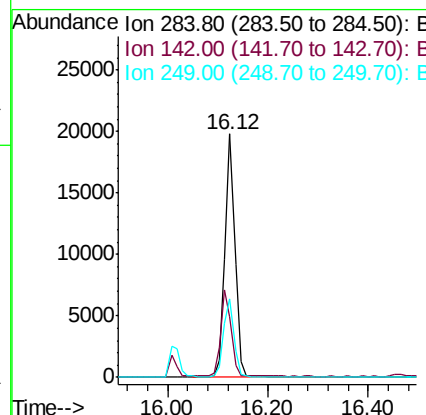
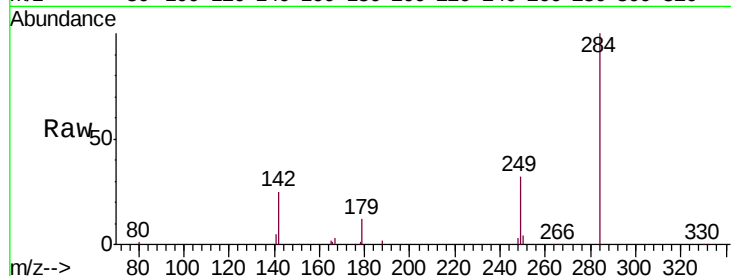




#21  
Hexachlorobenzene  
Concen: 1.457 ng  
RT: 16.12 min Scan# 1483  
Delta R.T. 0.00 min  
Lab File: BN007265.D  
Acq: 20 Aug 2019 15:25

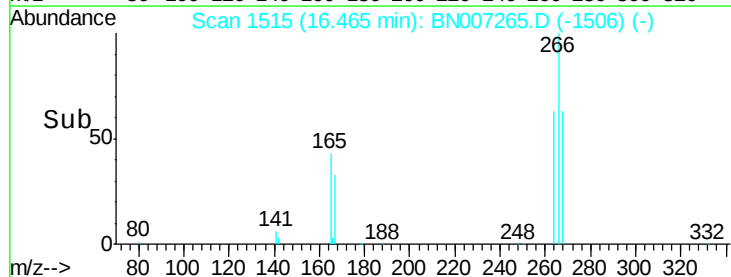
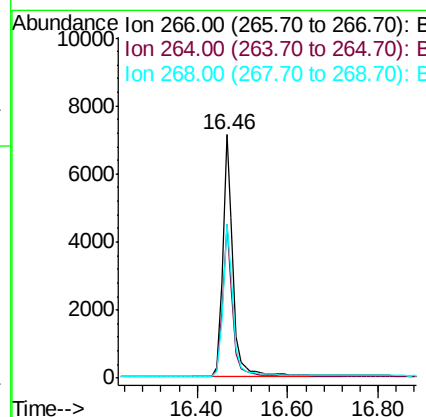
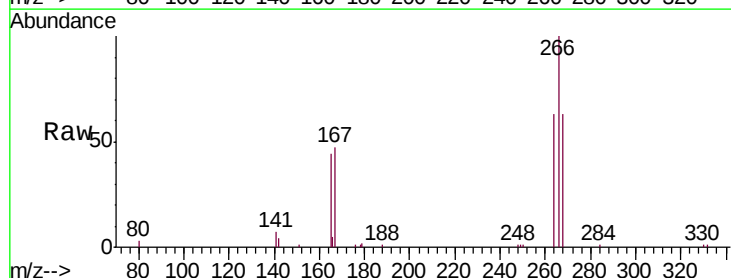
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC1.6

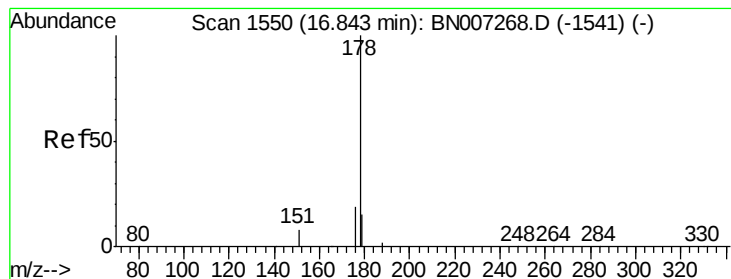
Tgt Ion: 284 Resp: 26422  
Ion Ratio Lower Upper  
284 100  
142 37.2 29.5 44.3  
249 33.3 26.2 39.4



#22  
Pentachlorophenol  
Concen: 4.704 ng  
RT: 16.46 min Scan# 1515  
Delta R.T. -0.01 min  
Lab File: BN007265.D  
Acq: 20 Aug 2019 15:25

Tgt Ion: 266 Resp: 11245  
Ion Ratio Lower Upper  
266 100  
264 63.2 48.7 73.1  
268 63.2 53.5 80.3





#23

Phenanthrene

Concen: 1.847 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

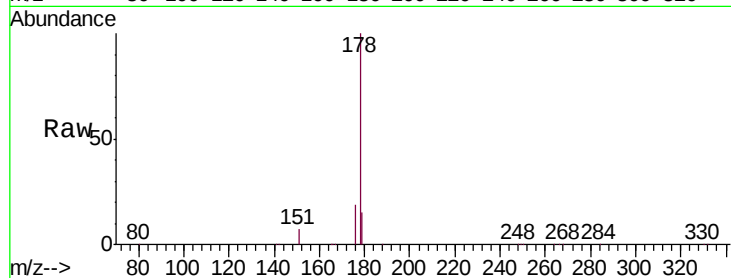
Tgt Ion:178 Resp: 125982

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

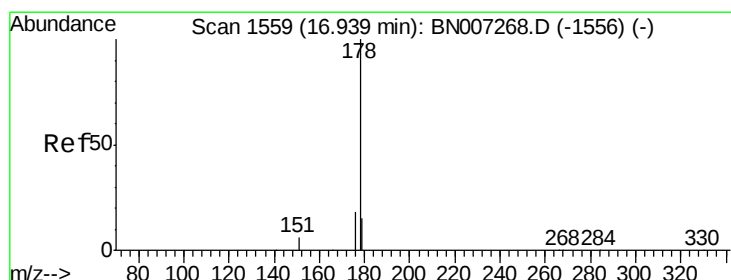
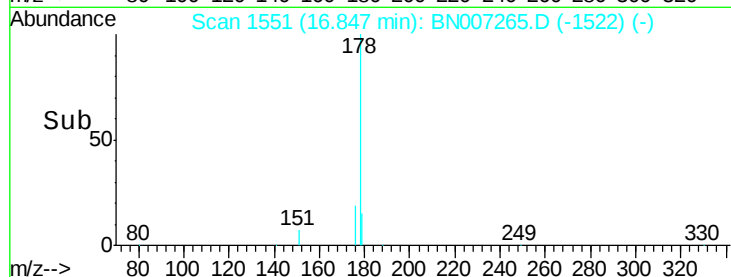
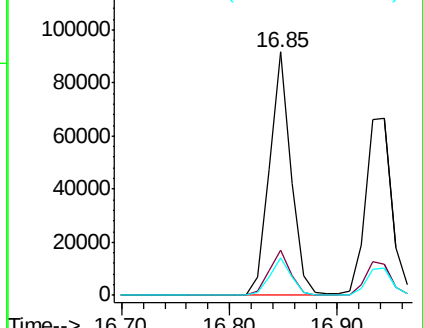
179 15.3 12.3 18.5



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: 1.924 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

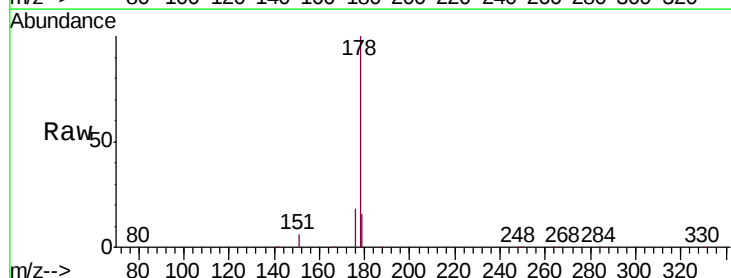
Tgt Ion:178 Resp: 113742

Ion Ratio Lower Upper

178 100

176 18.3 14.3 21.5

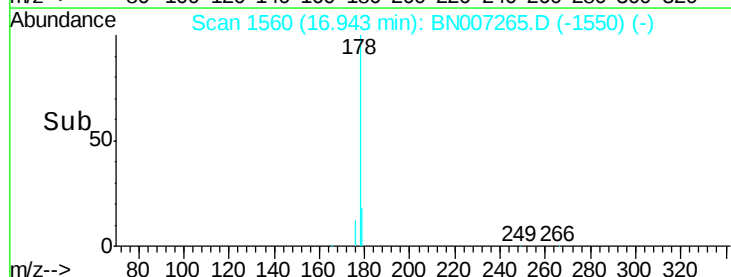
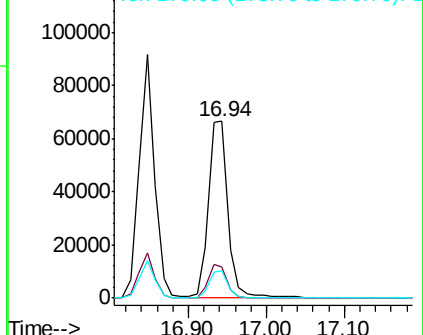
179 15.3 12.3 18.5

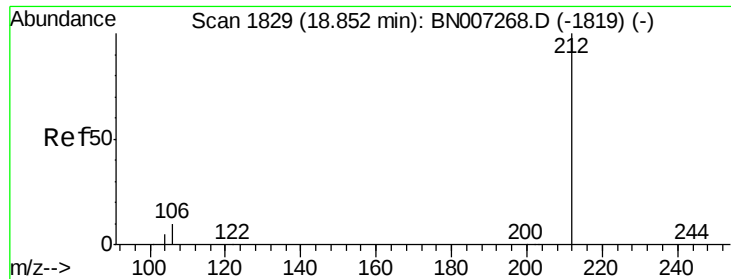


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.703 ng

RT: 18.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

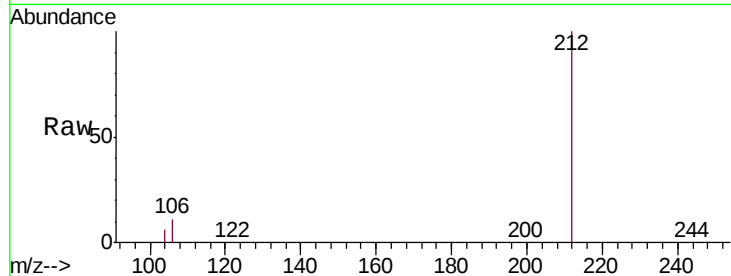
Tgt Ion:212 Resp: 126585

Ion Ratio Lower Upper

212 100

106 10.5 8.2 12.4

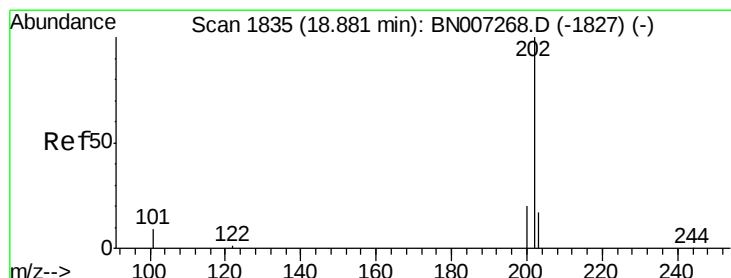
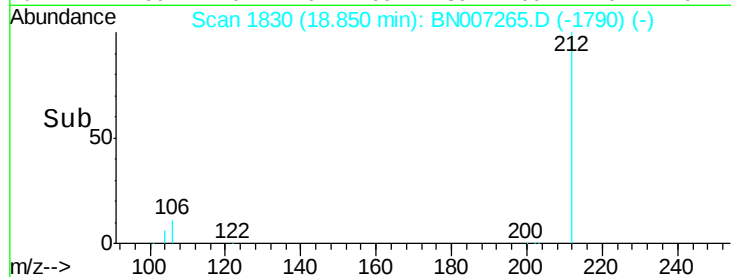
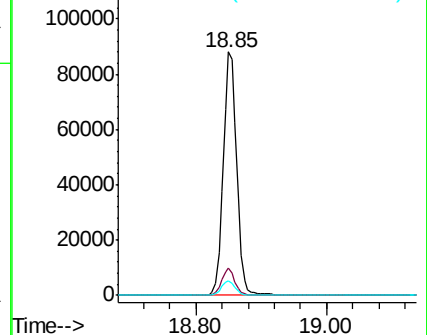
104 5.8 4.7 7.1



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: 1.790 ng

RT: 18.88 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

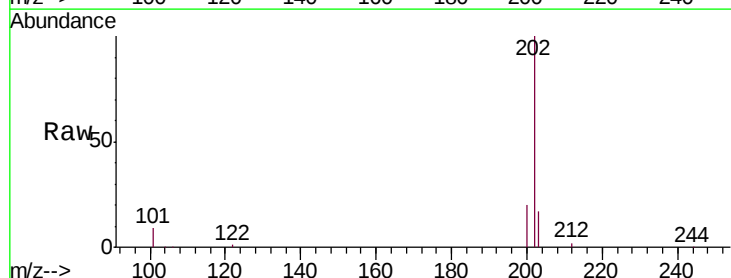
Tgt Ion:202 Resp: 153273

Ion Ratio Lower Upper

202 100

101 9.0 7.2 10.8

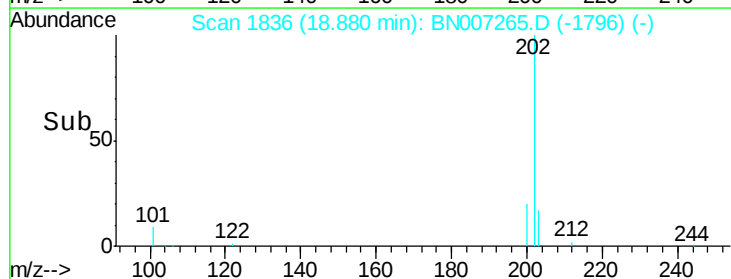
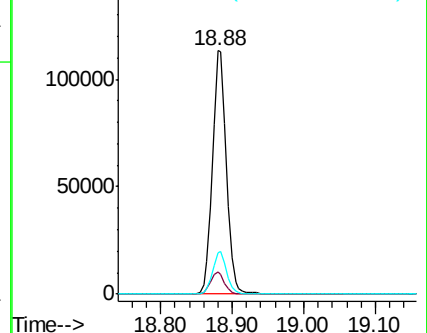
203 17.4 13.8 20.6

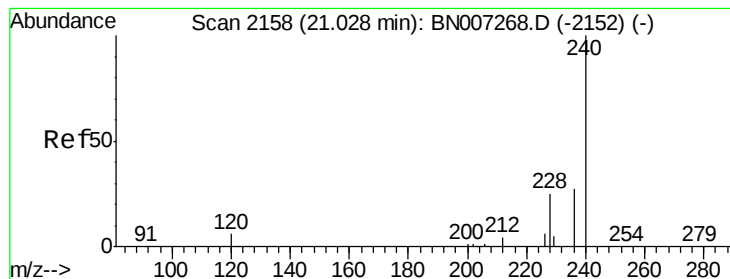


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

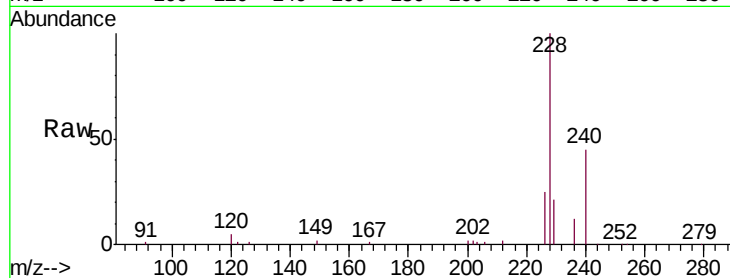
Tgt Ion:240 Resp: 25446

Ion Ratio Lower Upper

240 100

120 11.0 5.6 8.4#

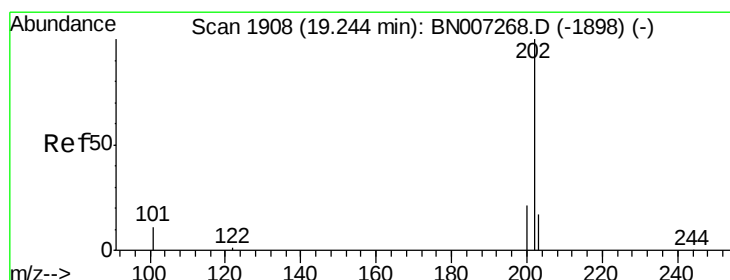
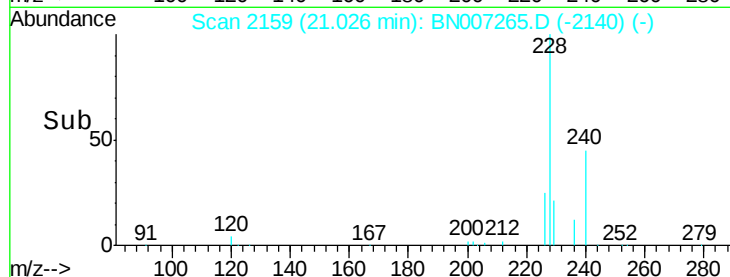
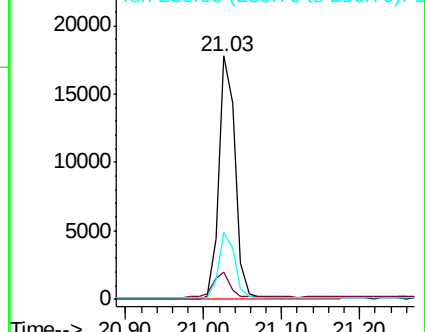
236 27.3 21.6 32.4



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: 1.720 ng

RT: 19.25 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

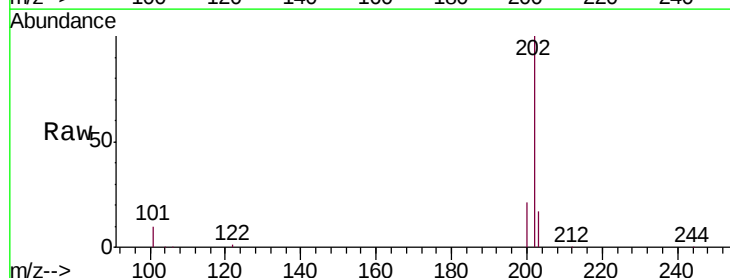
Tgt Ion:202 Resp: 152094

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

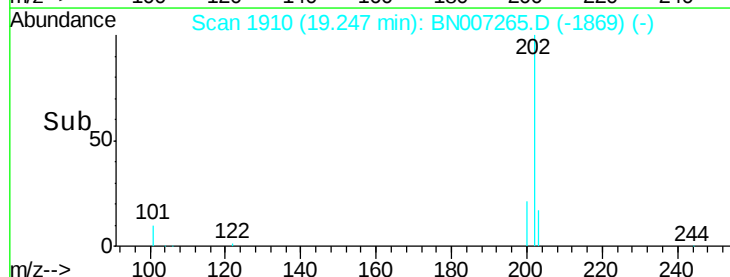
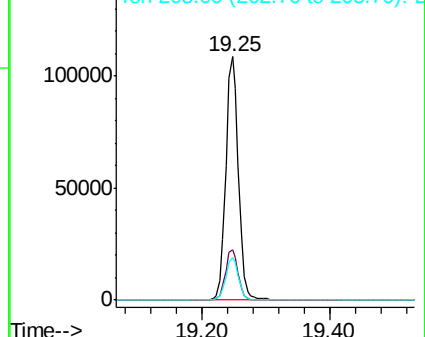
203 17.5 13.9 20.9

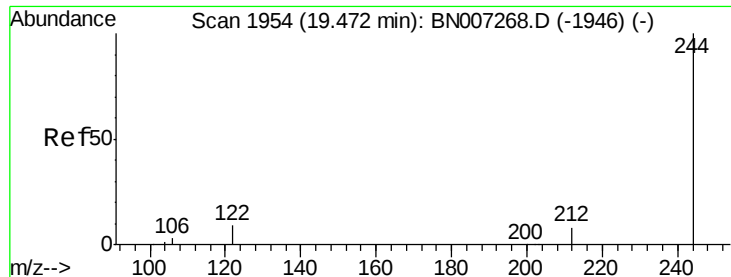


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.818 ng

RT: 19.47 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

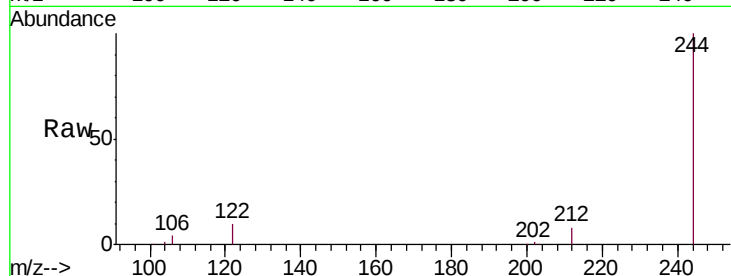
Tgt Ion:244 Resp: 101943

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

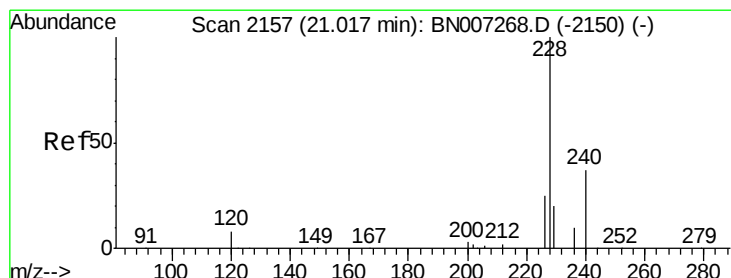
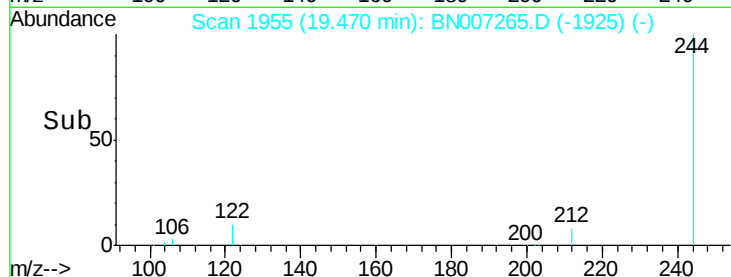
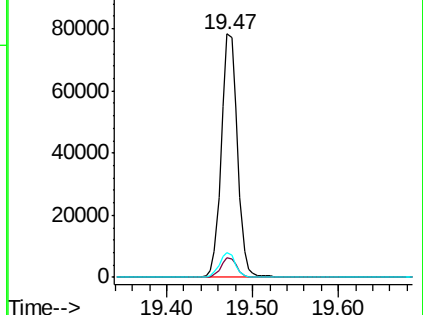
122 10.3 7.9 11.9



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: 1.979 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

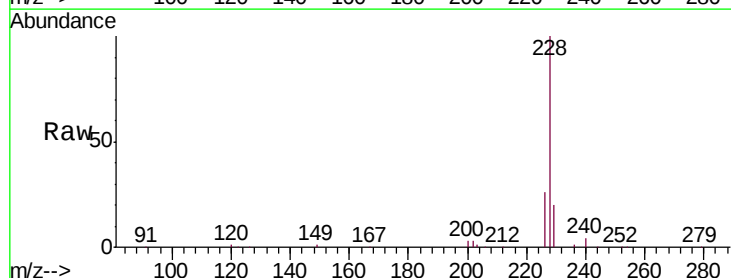
Tgt Ion:228 Resp: 155192

Ion Ratio Lower Upper

228 100

226 26.2 20.6 30.8

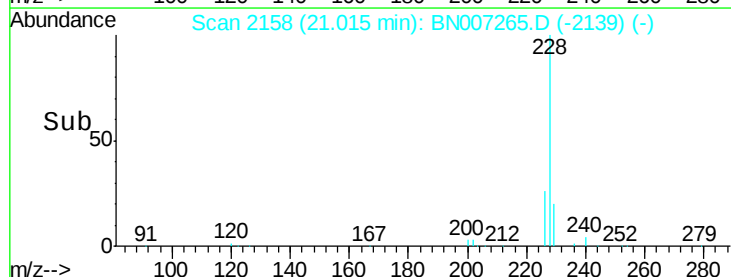
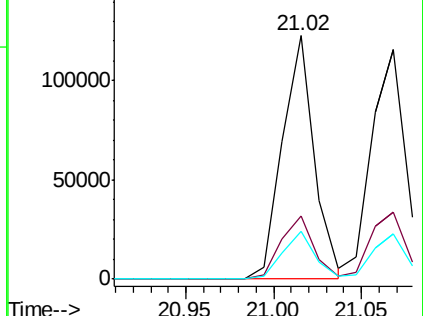
229 19.9 16.9 25.3

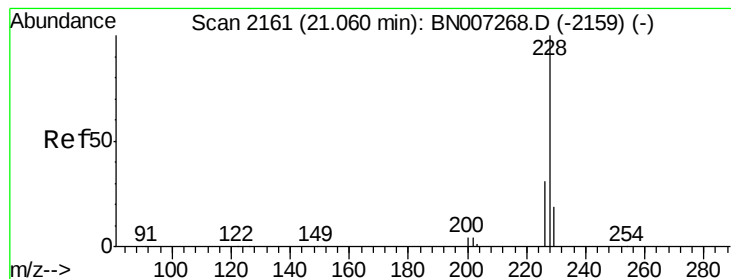


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.787 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

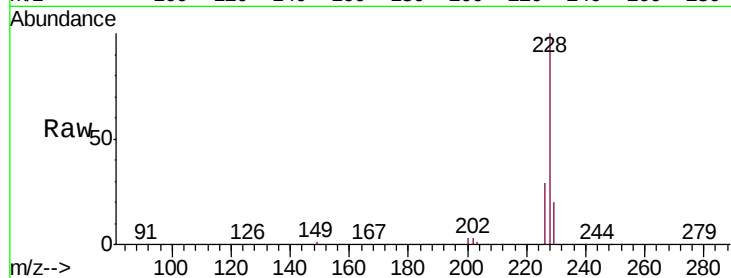
Tgt Ion:228 Resp: 157023

Ion Ratio Lower Upper

228 100

226 28.9 24.6 36.8

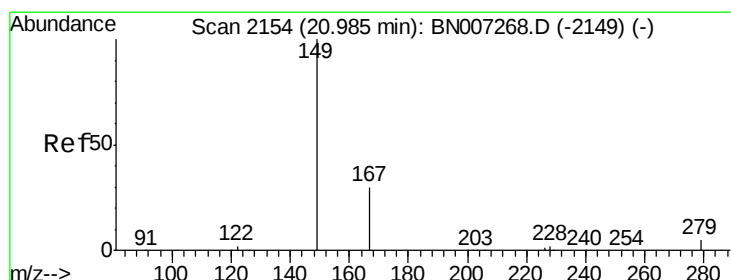
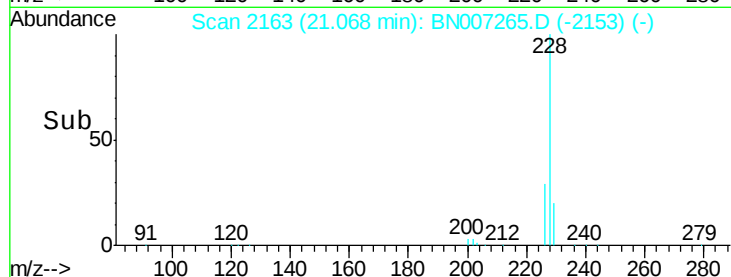
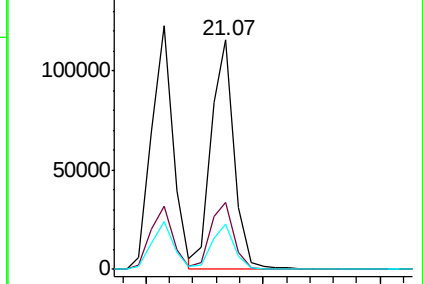
229 19.9 15.6 23.4



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: 1.683 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

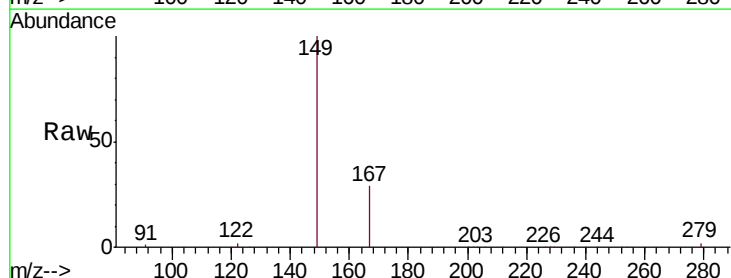
Tgt Ion:149 Resp: 61463

Ion Ratio Lower Upper

149 100

167 28.8 23.8 35.6

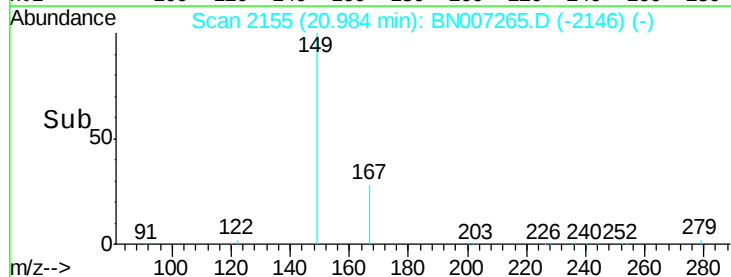
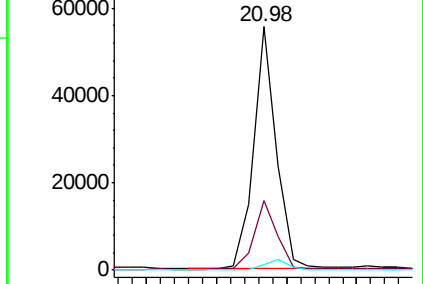
279 4.5 3.8 5.8

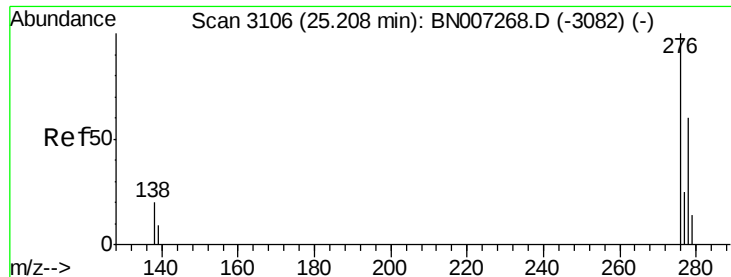


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.702 ng

RT: 25.21 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

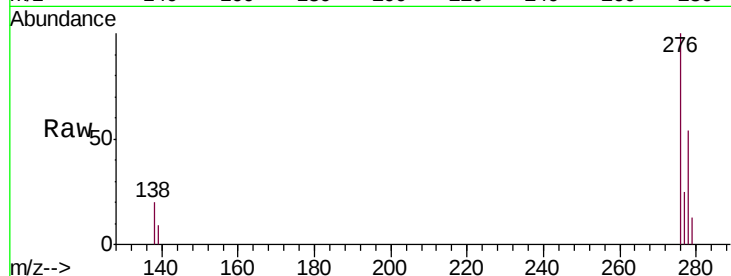
Tgt Ion:276 Resp: 183057

Ion Ratio Lower Upper

276 100

138 21.3 17.1 25.7

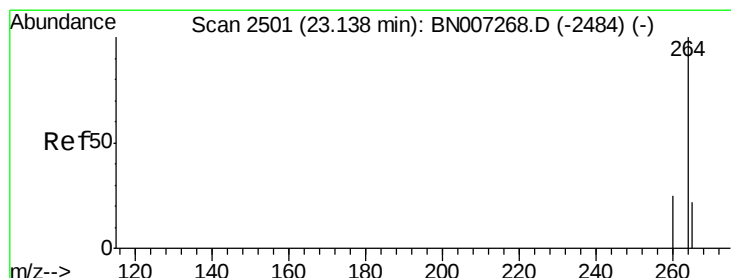
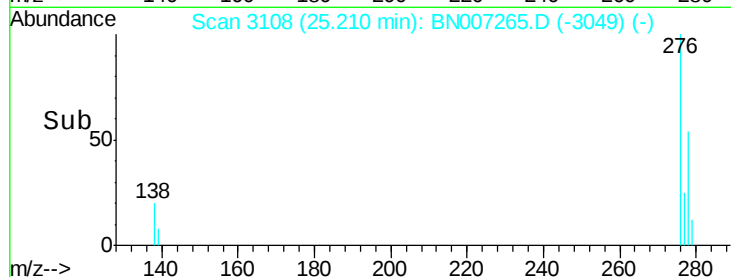
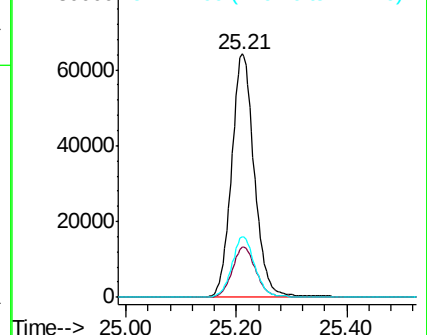
277 25.0 20.1 30.1



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# 2504

Delta R.T. 0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

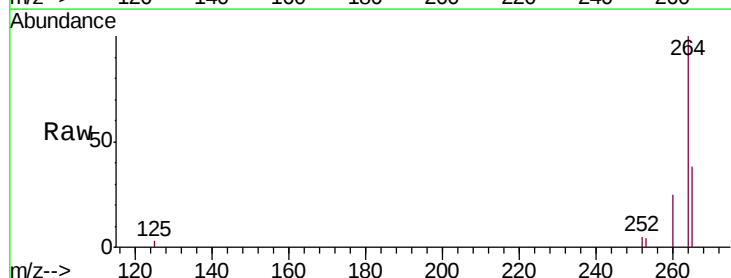
Tgt Ion:264 Resp: 26433

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

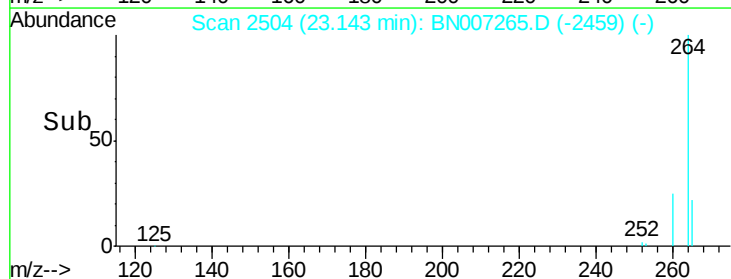
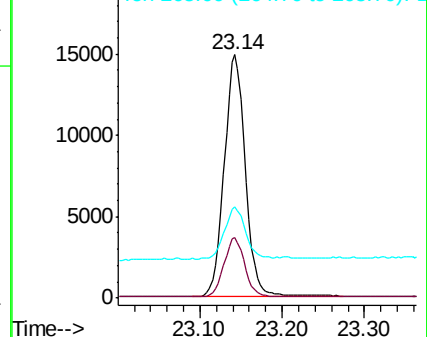
265 37.5 29.0 43.6

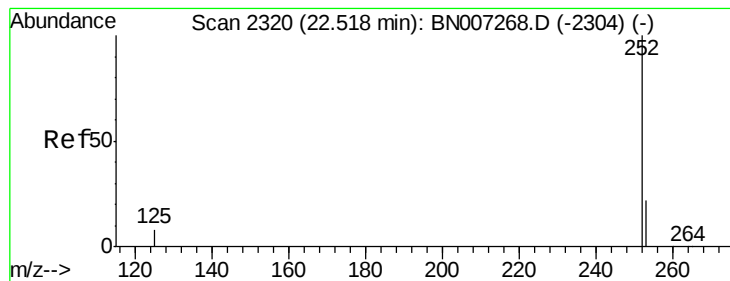


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.932 ng

RT: 22.52 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

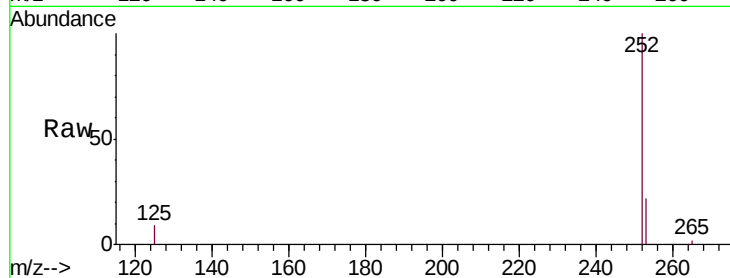
Tgt Ion:252 Resp: 160469

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

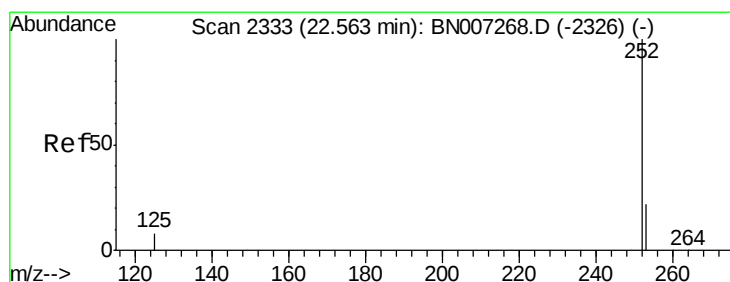
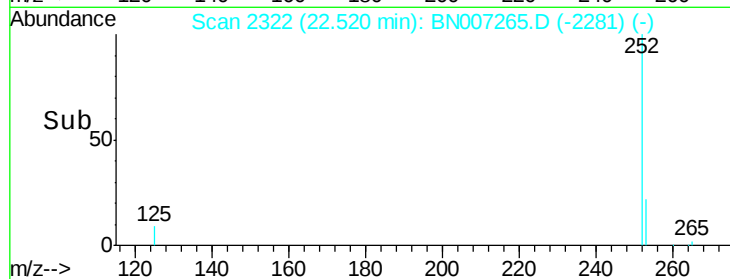
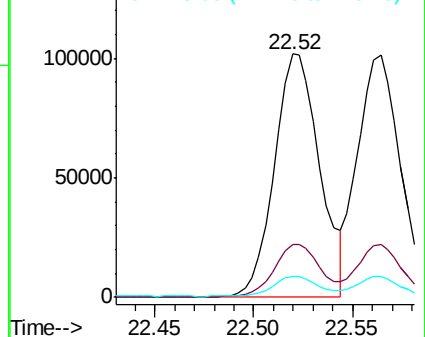
125 8.6 7.8 11.6



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



#36

Benzo(k)fluoranthene

Concen: 1.658 ng

RT: 22.56 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

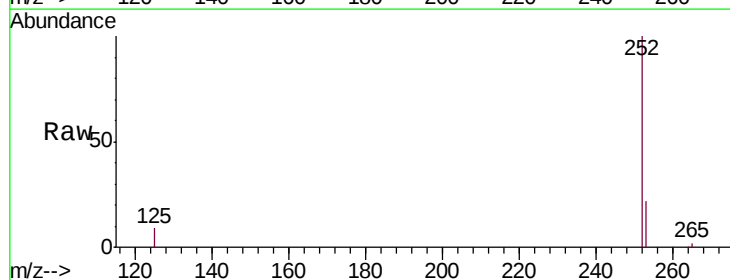
Tgt Ion:252 Resp: 154565

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

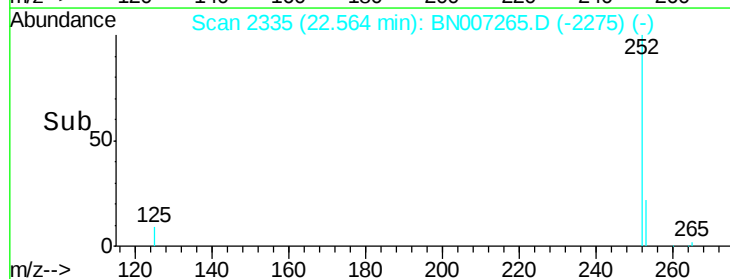
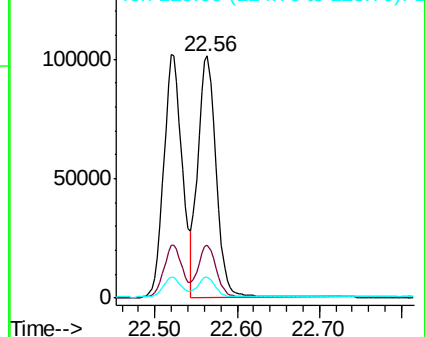
125 8.6 8.0 12.0

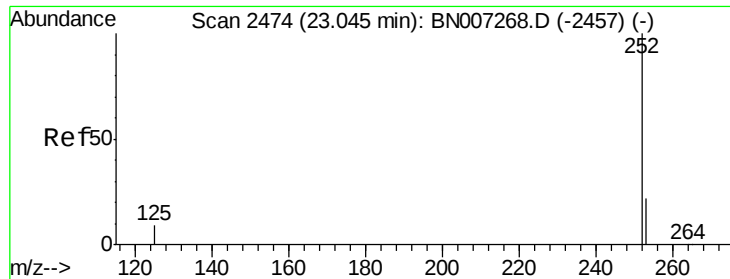


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.815 ng

RT: 23.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6

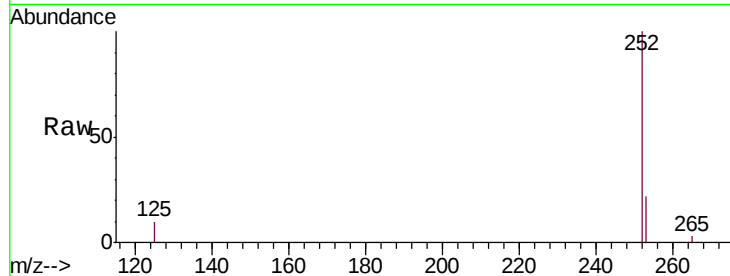
Tgt Ion:252 Resp: 146197

Ion Ratio Lower Upper

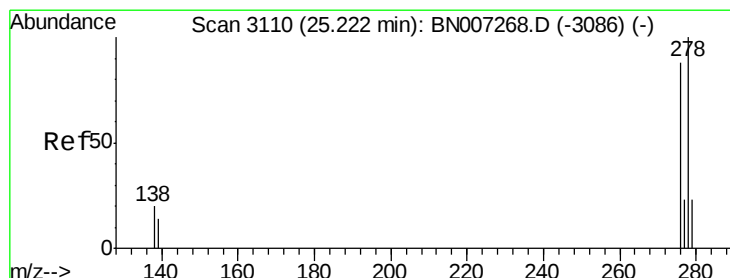
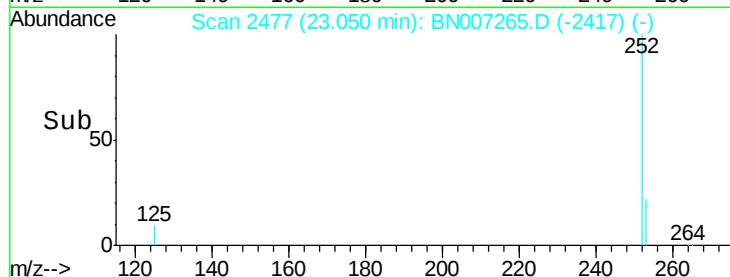
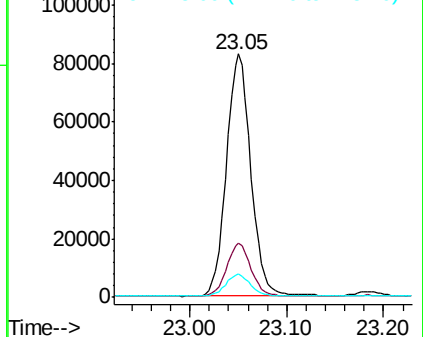
252 100

253 22.0 18.7 28.1

125 9.6 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: 1.838 ng

RT: 25.23 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN007265.D

Acq: 20 Aug 2019 15:25

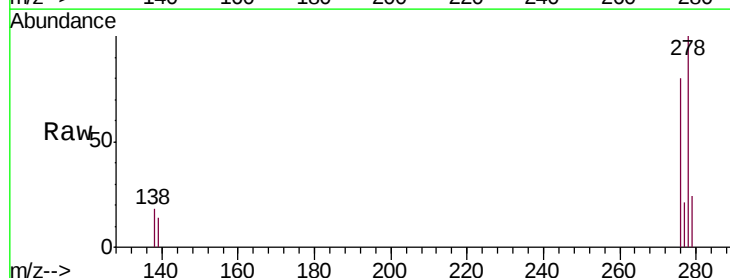
Tgt Ion:278 Resp: 149246

Ion Ratio Lower Upper

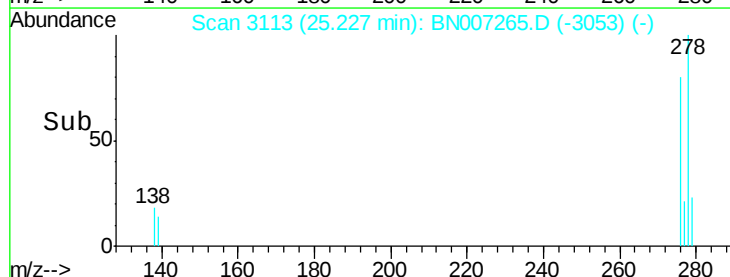
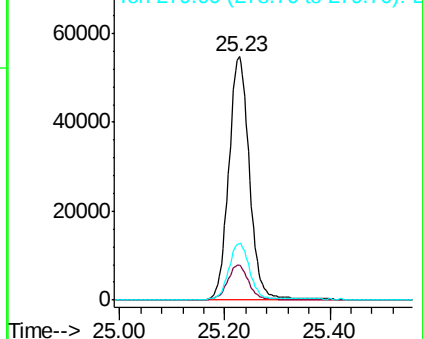
278 100

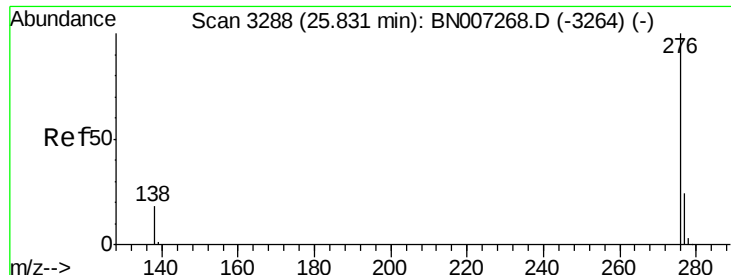
139 14.2 11.8 17.8

279 23.5 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: 1.763 ng

RT: 25.83 min Scan# 3290

Delta R.T. 0.00 min

Lab File: BN007265.D

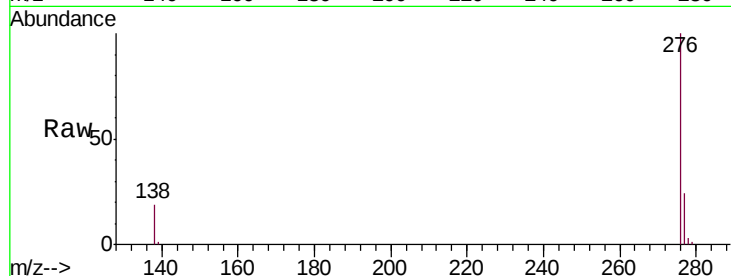
Acq: 20 Aug 2019 15:25

Instrument :

BNA\_N

ClientSampleId :

SSTDICC1.6



Tgt Ion: 276 Resp: 150045

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 18.6 15.3 22.9

