

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\  
 Data File : BE098269.D  
 Acq On : 29 Nov 2018 12:04  
 Operator : SJ/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Nov 29 13:10:15 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 29 12:12:21 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.86  | 152  | 1435     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.67 | 136  | 5807     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.53 | 164  | 3466     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.28 | 188  | 8687     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.46 | 240  | 12399    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.02 | 264  | 12294    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.45  | 112 | 2904  | 0.75 | ng | 0.00 |
| 5) Phenol-d6                | 7.04  | 99  | 4184  | 0.69 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.02  | 82  | 4687  | 0.86 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152 | 7359  | 0.72 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.02 | 330 | 1311  | 1.17 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.14 | 172 | 11155 | 0.74 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.31 | 212 | 95299 | 0.90 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.91 | 244 | 20005 | 0.70 | ng | 0.00 |

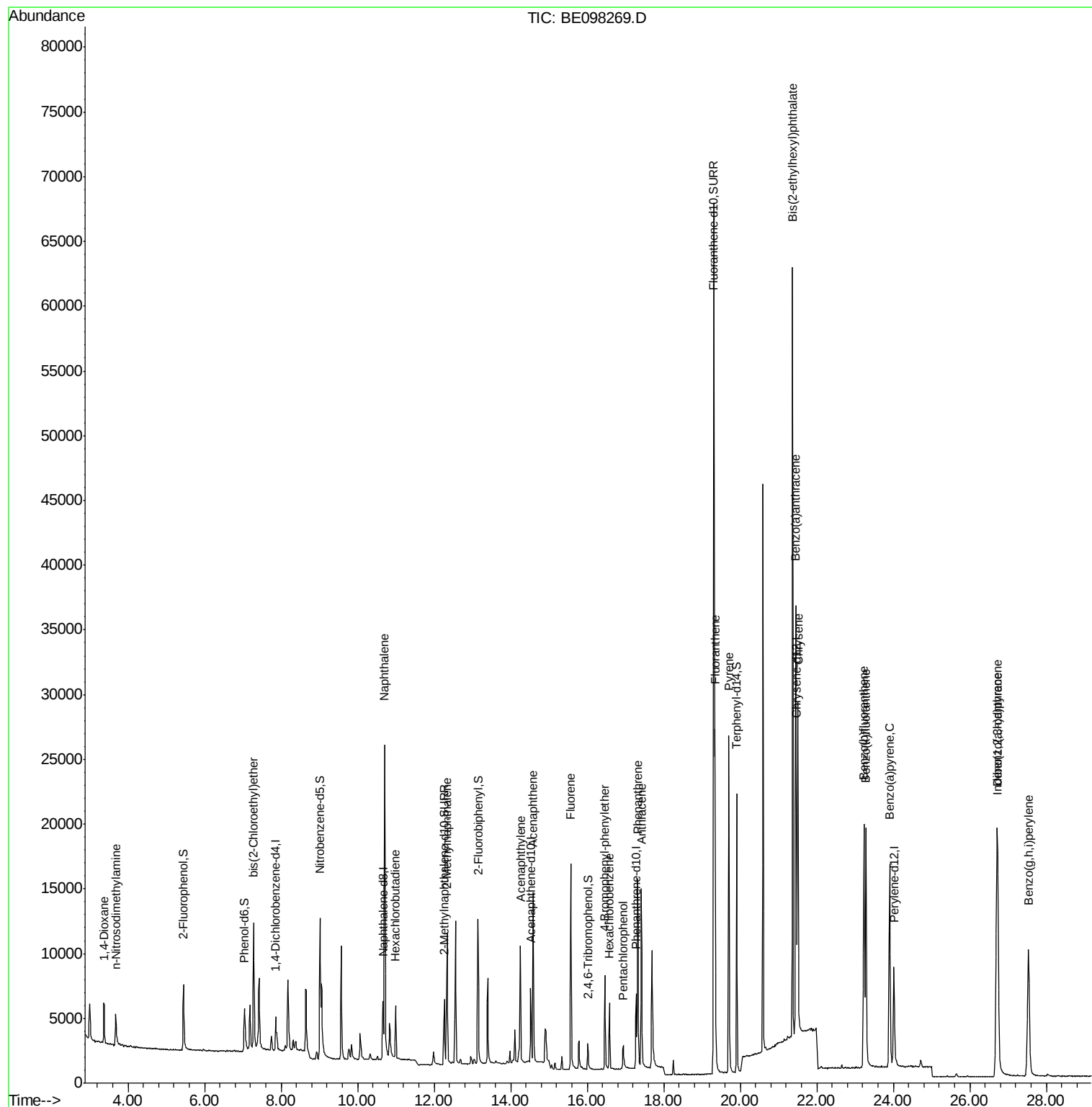
|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.37  | 88  | 2011  | 0.893  | ng | 99    |
| 3) n-Nitrosodimethylamine      | 3.68  | 42  | 2099  | 0.829  | ng | # 100 |
| 6) bis(2-Chloroethyl)ether     | 7.28  | 93  | 3795  | 0.733  | ng | 96    |
| 9) Naphthalene                 | 10.70 | 128 | 45752 | 0.774  | ng | 99    |
| 10) Hexachlorobutadiene        | 10.99 | 225 | 2871  | 0.828  | ng | 99    |
| 12) 2-Methylnaphthalene        | 12.34 | 142 | 7477  | 0.718  | ng | 99    |
| 16) Acenaphthylene             | 14.25 | 152 | 12659 | 0.767  | ng | 99    |
| 17) Acenaphthene               | 14.59 | 154 | 7664  | 0.778  | ng | 99    |
| 18) Fluorene                   | 15.57 | 166 | 10192 | 0.812  | ng | 99    |
| 20) 4-Bromophenyl-phenylether  | 16.46 | 248 | 3809  | 0.708  | ng | 93    |
| 21) Hexachlorobenzene          | 16.58 | 284 | 3923  | 0.707  | ng | 99    |
| 22) Pentachlorophenol          | 16.94 | 266 | 1402  | 1.830  | ng | 94    |
| 23) Phenanthrene               | 17.31 | 178 | 16914 | 0.757  | ng | 98    |
| 24) Anthracene                 | 17.41 | 178 | 16007 | 0.789  | ng | 99    |
| 26) Fluoranthene               | 19.34 | 202 | 23814 | 0.888  | ng | 100   |
| 28) Pyrene                     | 19.70 | 202 | 25340 | 0.699  | ng | 100   |
| 30) Benzo(a)anthracene         | 21.45 | 228 | 28131 | 0.784  | ng | 99    |
| 31) Chrysene                   | 21.51 | 228 | 28807 | 0.781  | ng | 99    |
| 32) Bis(2-ethylhexyl)phthalate | 21.37 | 149 | 65497 | 1.171  | ng | 100   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.70 | 276 | 30830 | 0.976  | ng | 99    |
| 35) Benzo(b)fluoranthene       | 23.23 | 252 | 27138 | 0.782  | ng | 95    |
| 36) Benzo(k)fluoranthene       | 23.28 | 252 | 29411 | 0.750  | ng | 97    |
| 37) Benzo(a)pyrene             | 23.90 | 252 | 26624 | 0.781  | ng | 95    |
| 38) Dibenzo(a,h)anthracene     | 26.73 | 278 | 25668 | 0.939  | ng | 93    |
| 39) Benzo(g,h,i)perylene       | 27.53 | 276 | 25691 | 0.873  | ng | 97    |

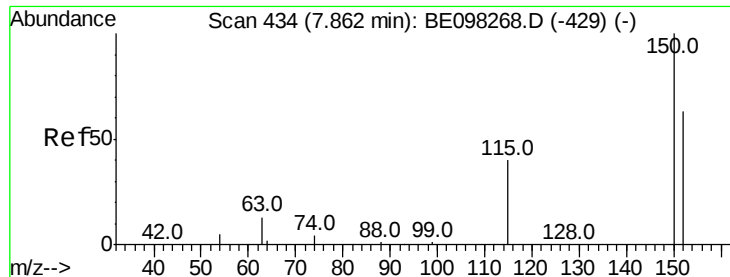
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 29 12:12:21 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

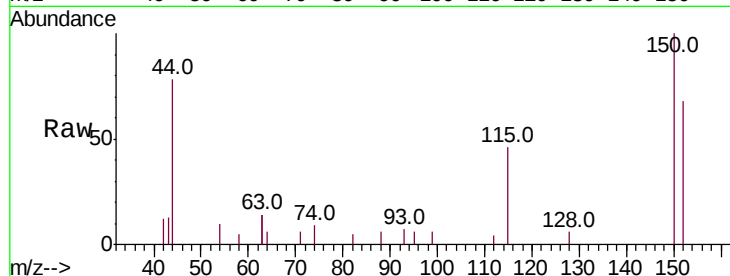
Tot Ion:152 Resp: 1435

Ion Ratio Lower Upper

152 100

150 147.5 124.2 186.4

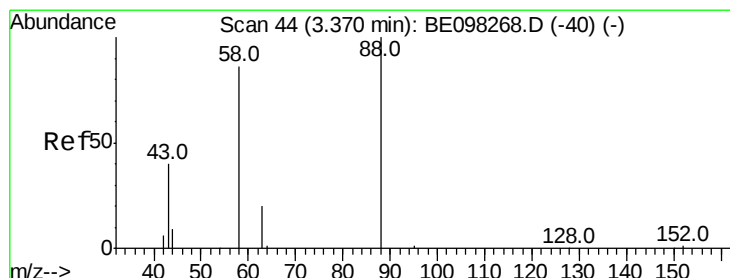
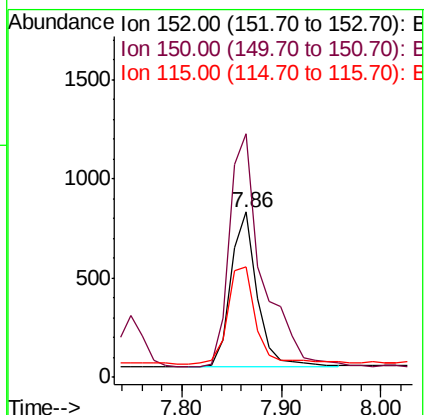
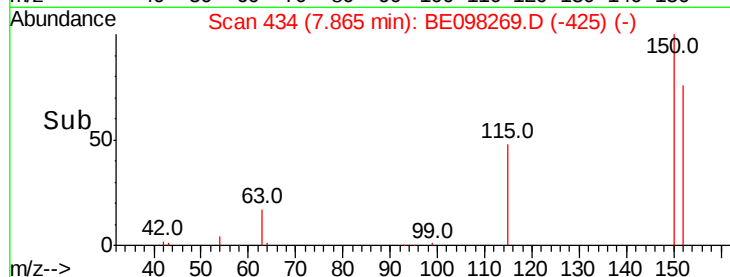
115 67.3 53.9 80.9



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



#2

1,4-Dioxane

Concen: 0.893 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

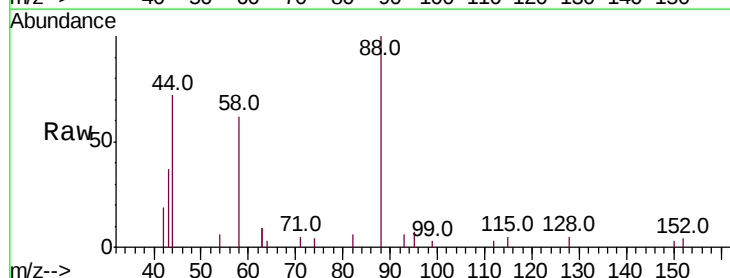
Tgt Ion: 88 Resp: 2011

Ion Ratio Lower Upper

88 100

58 92.7 75.0 112.6

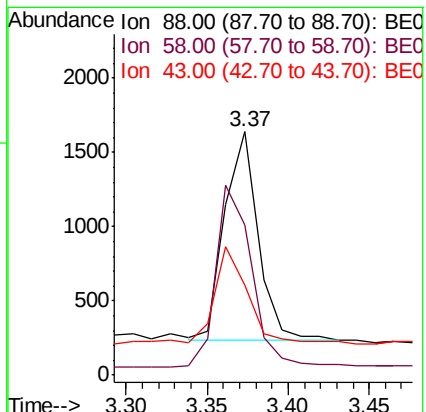
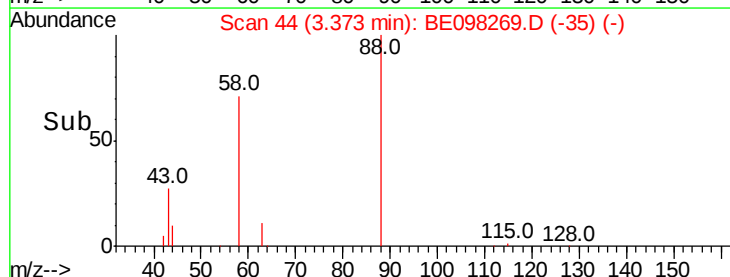
43 48.6 38.3 57.5

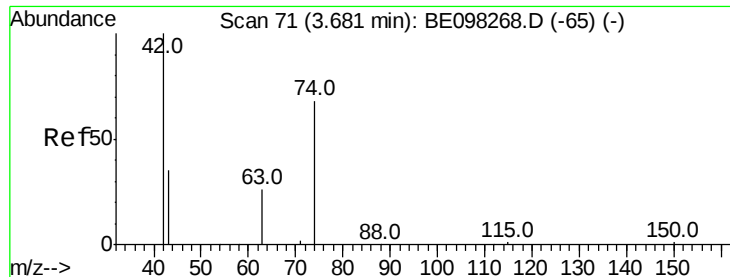


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.829 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

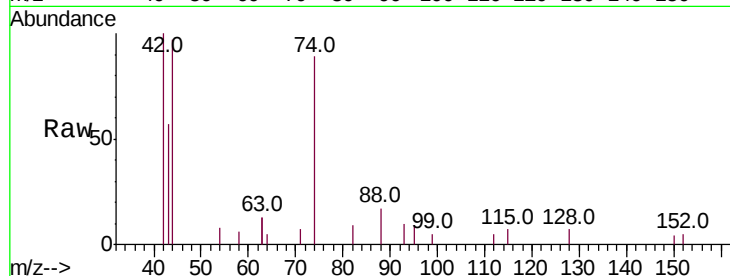
Tot Ion: 42 Resp: 2099

Ion Ratio Lower Upper

42 100

74 88.6 0.0 0.0#

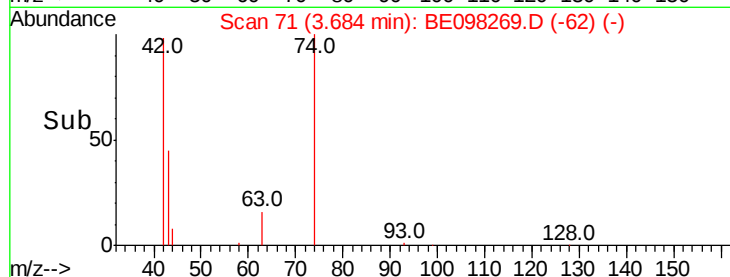
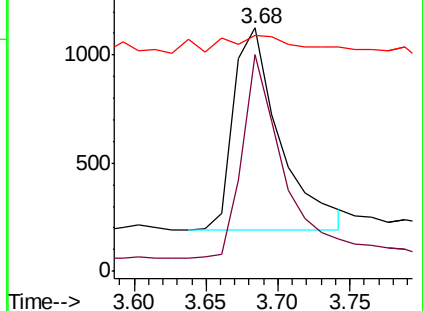
44 15.2 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.755 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

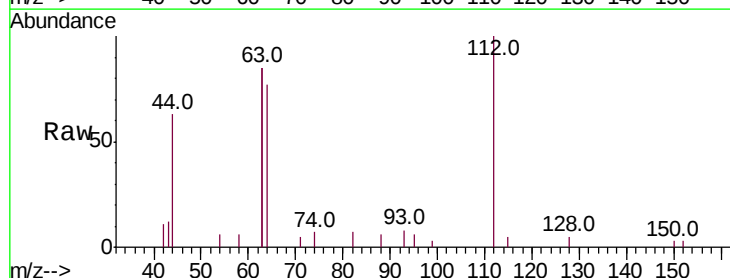
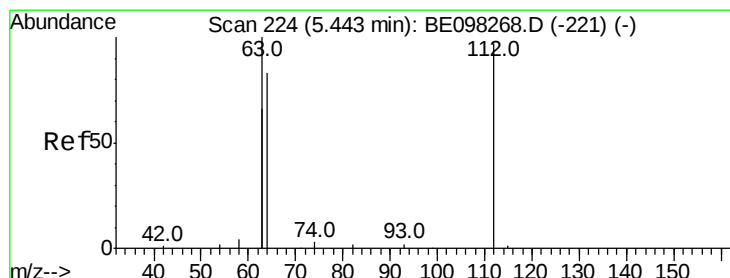
Tgt Ion: 112 Resp: 2904

Ion Ratio Lower Upper

112 100

64 79.5 59.8 89.8

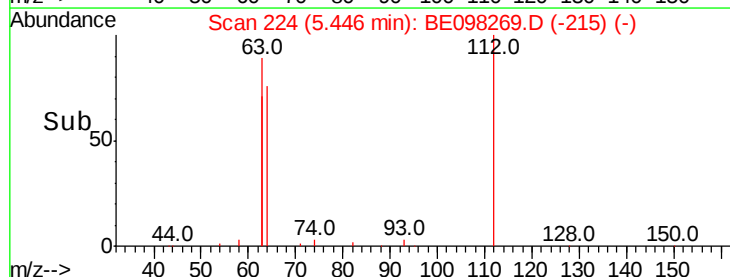
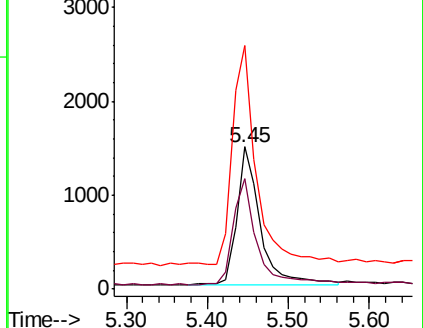
63 163.5 133.7 200.5

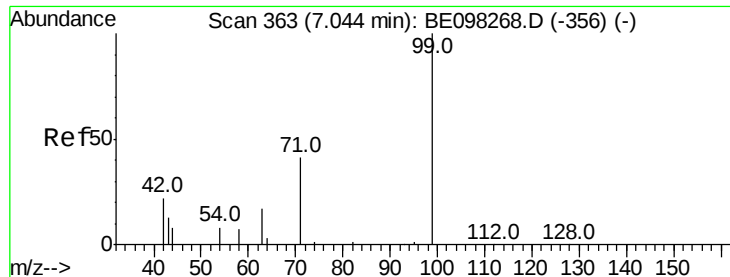


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.692 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

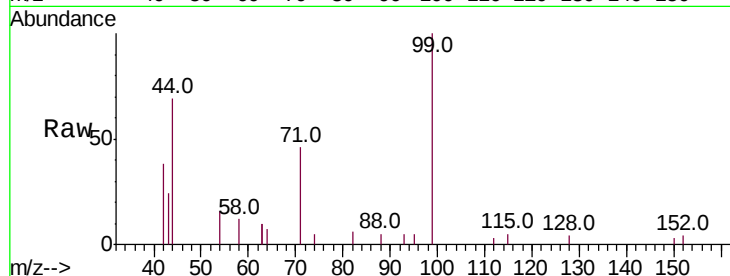
Tot Ion: 99 Resp: 4184

Ion Ratio Lower Upper

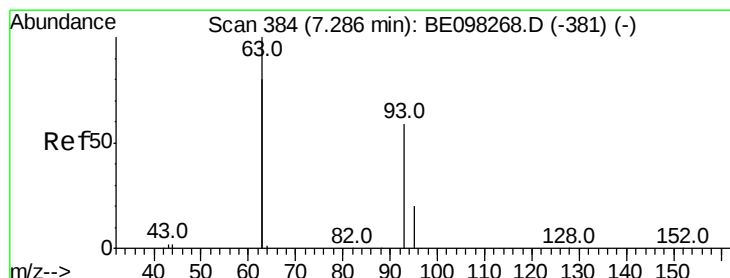
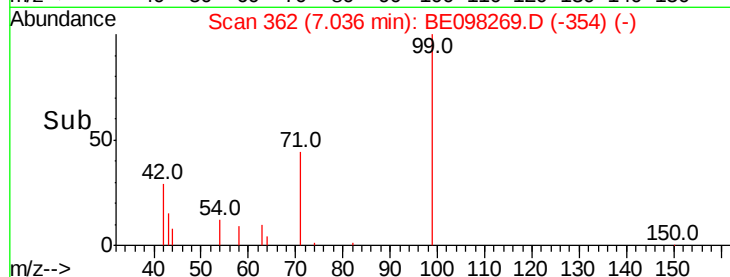
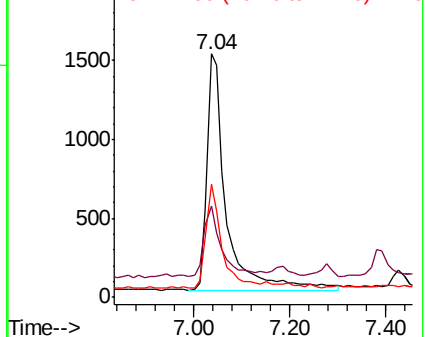
99 100

42 27.6 26.3 39.5

71 36.9 33.6 50.4



Abundance Ion 99.00 (98.70 to 99.70): BE0  
Ion 42.00 (41.70 to 42.70): BE0  
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.733 ng

RT: 7.28 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

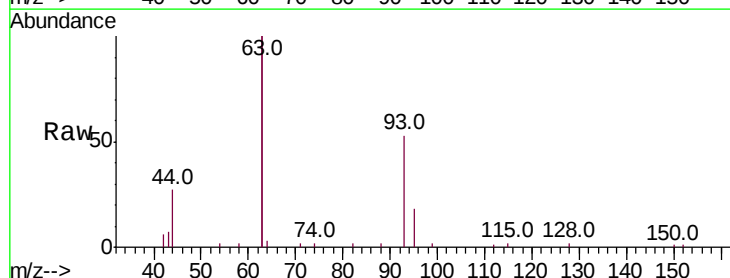
Tgt Ion: 93 Resp: 3795

Ion Ratio Lower Upper

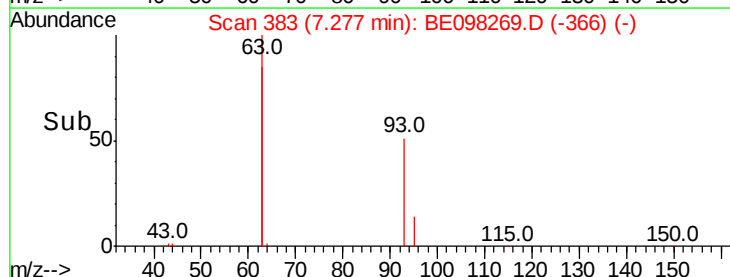
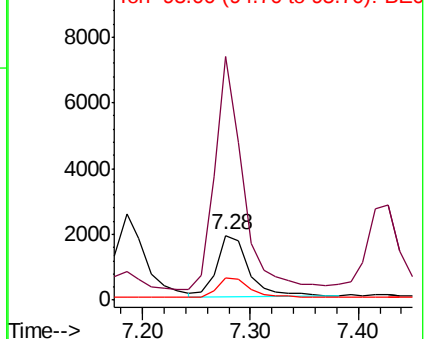
93 100

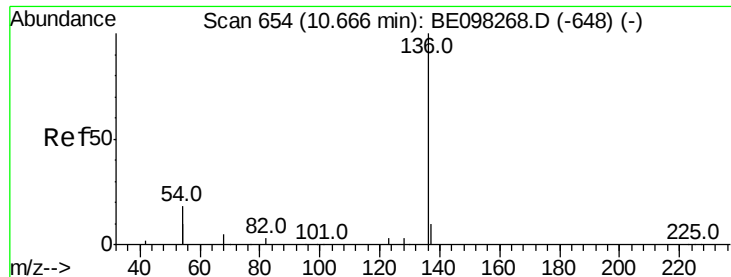
63 338.6 264.4 396.6

95 33.0 26.6 40.0



Abundance Ion 93.00 (92.70 to 93.70): BE0  
Ion 63.00 (62.70 to 63.70): BE0  
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 5807

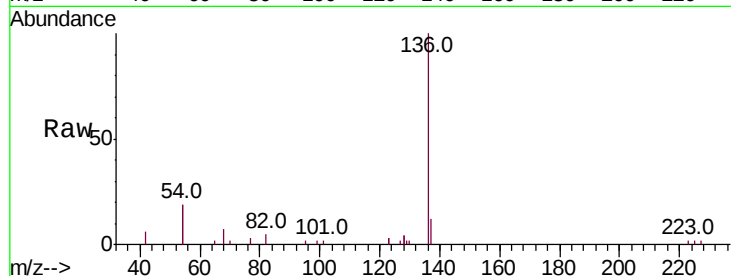
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 37.7 28.4 42.6

68 7.1 5.4 8.0

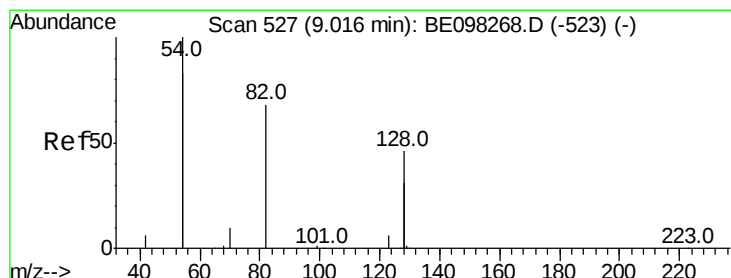
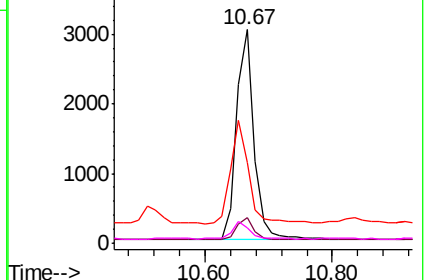
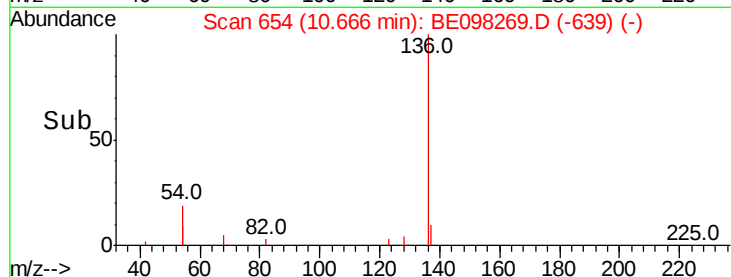


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.855 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

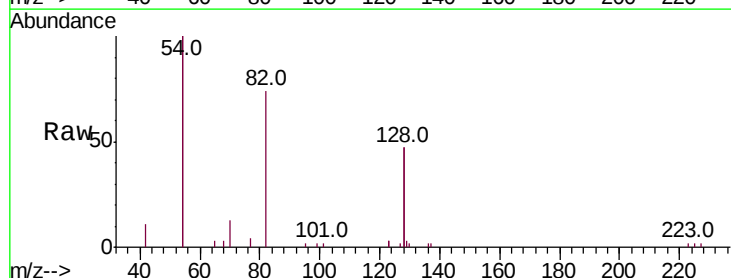
Tgt Ion: 82 Resp: 4687

Ion Ratio Lower Upper

82 100

128 128.7 102.4 153.6

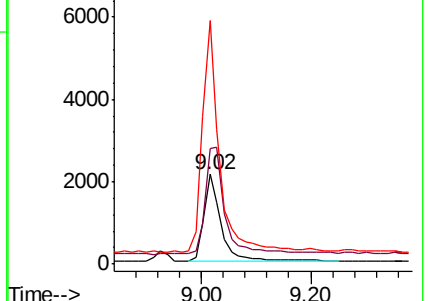
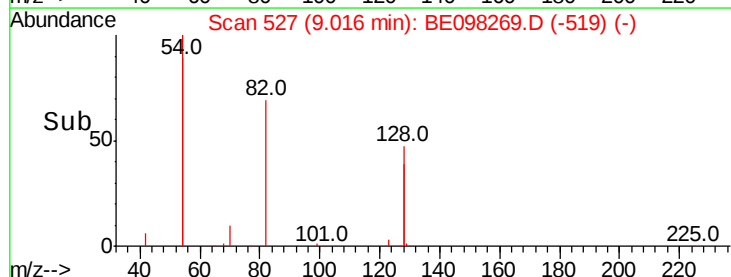
54 270.9 221.8 332.8

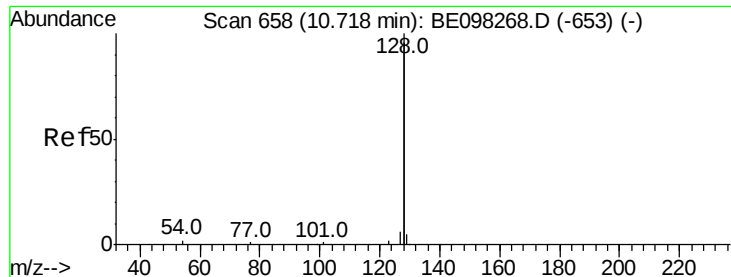


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.774 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

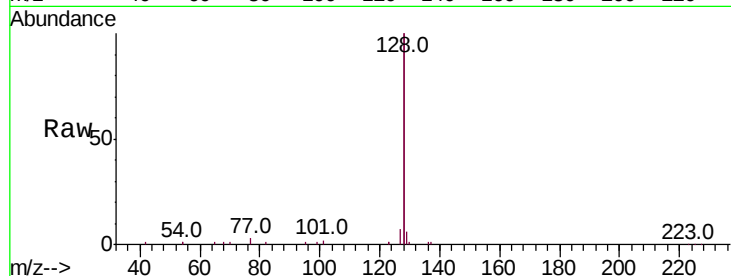
Tot Ion:128 Resp: 45752

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

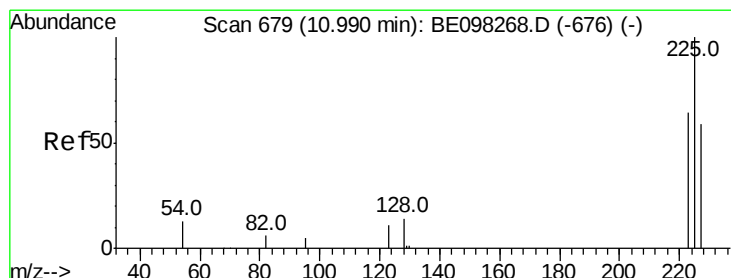
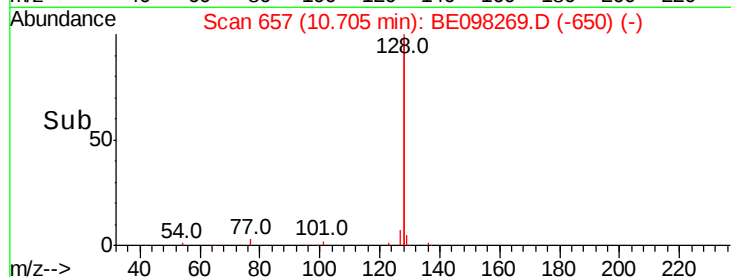
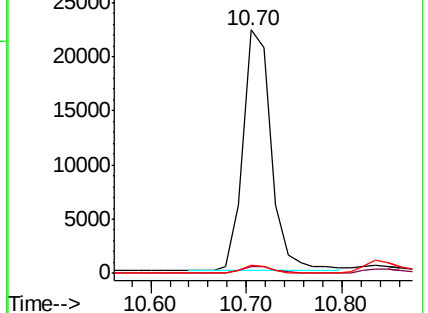
127 3.6 2.7 4.1



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: 0.828 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

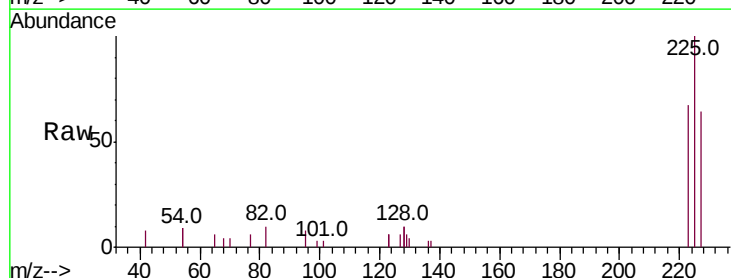
Tgt Ion:225 Resp: 2871

Ion Ratio Lower Upper

225 100

223 63.6 49.4 74.0

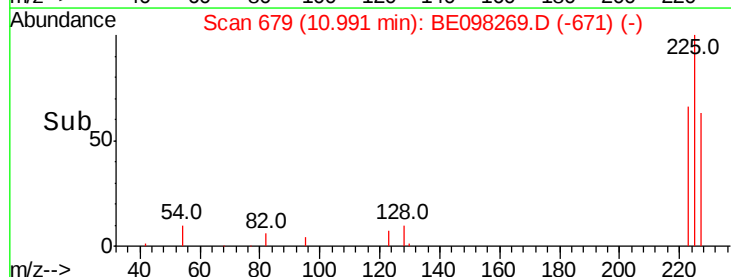
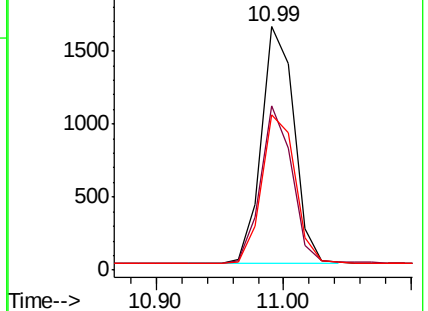
227 65.3 52.0 78.0

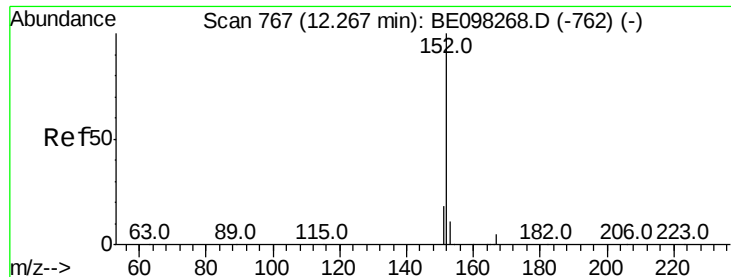


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

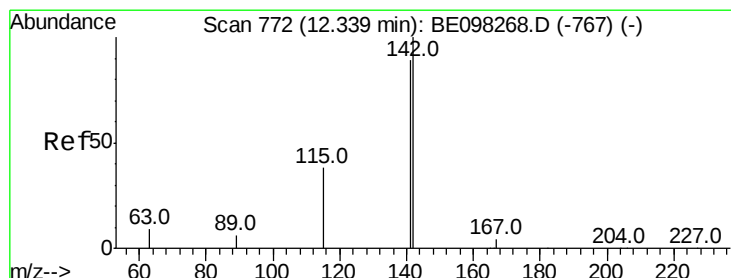
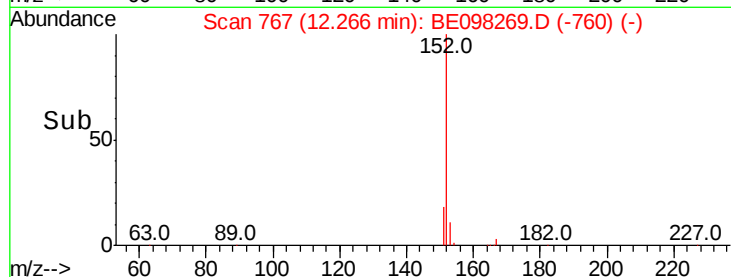
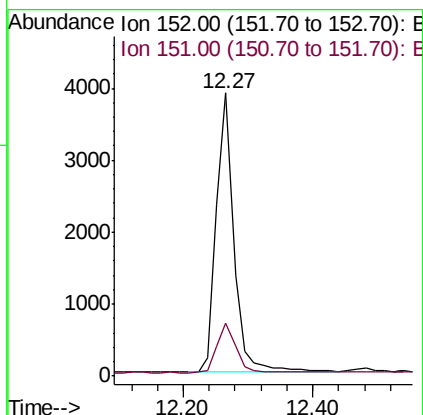
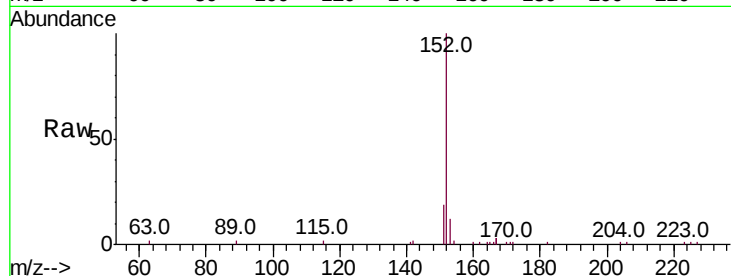




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.722 ng  
 RT: 12.27 min Scan# 767  
 Delta R.T. -0.00 min  
 Lab File: BE098269.D  
 Acq: 29 Nov 2018 12:04

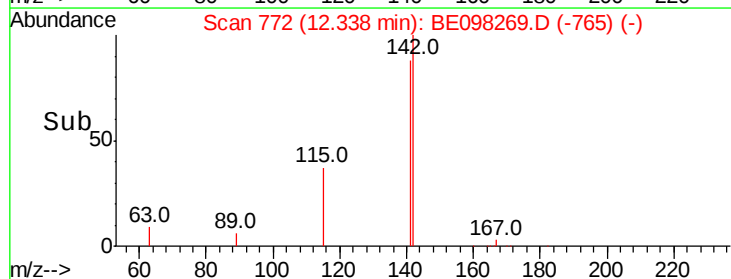
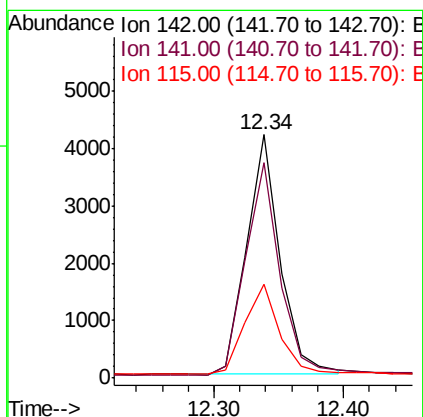
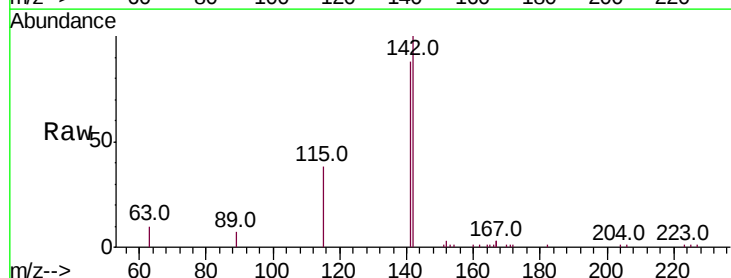
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

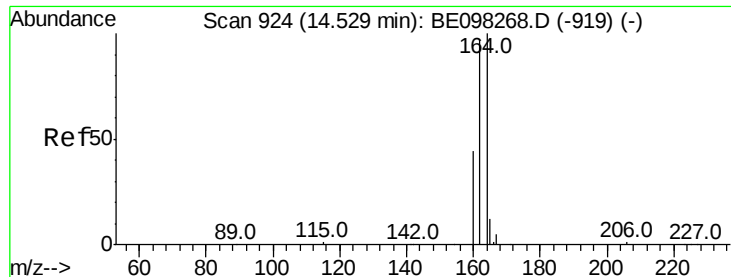
Tot Ion:152 Resp: 7359  
 Ion Ratio Lower Upper  
 152 100  
 151 19.3 16.2 24.4



#12  
 2-Methylnaphthalene  
 Concen: 0.718 ng  
 RT: 12.34 min Scan# 772  
 Delta R.T. -0.00 min  
 Lab File: BE098269.D  
 Acq: 29 Nov 2018 12:04

Tgt Ion:142 Resp: 7477  
 Ion Ratio Lower Upper  
 142 100  
 141 88.5 71.0 106.6  
 115 38.5 32.2 48.2

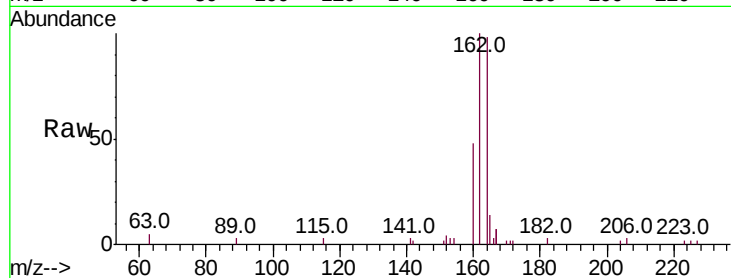




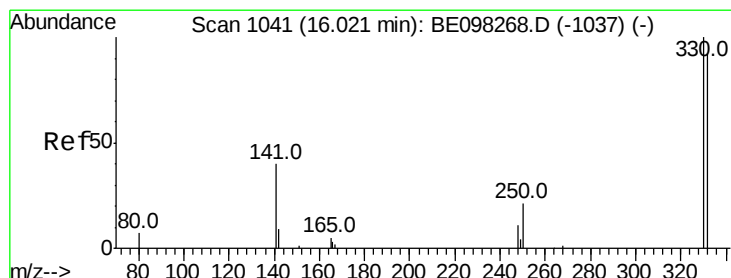
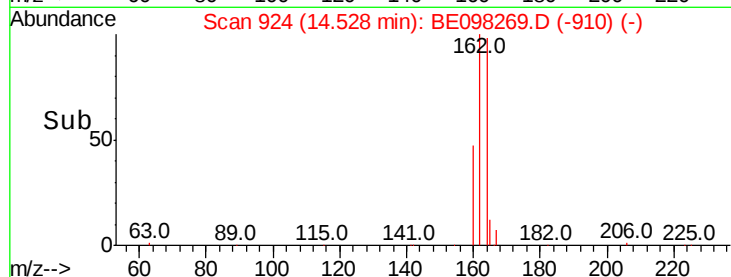
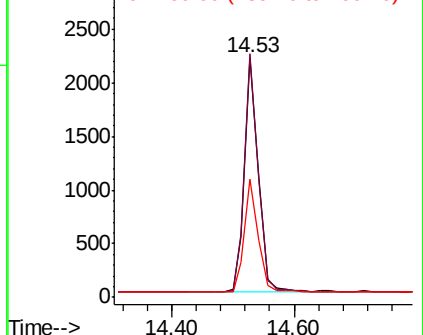
#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.53 min Scan# 924  
Delta R.T. -0.00 min  
Lab File: BE098269.D  
Acq: 29 Nov 2018 12:04

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

Tot Ion:164 Resp: 3466  
Ion Ratio Lower Upper  
164 100  
162 101.8 77.6 116.4  
160 49.1 36.0 54.0

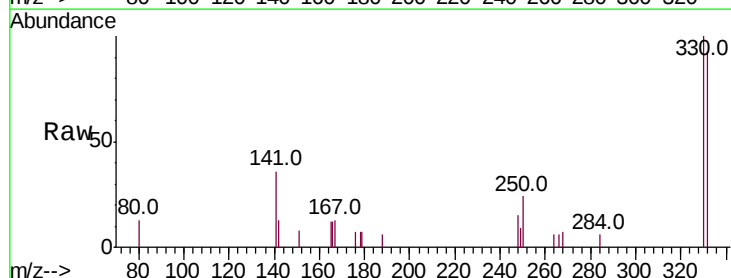


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

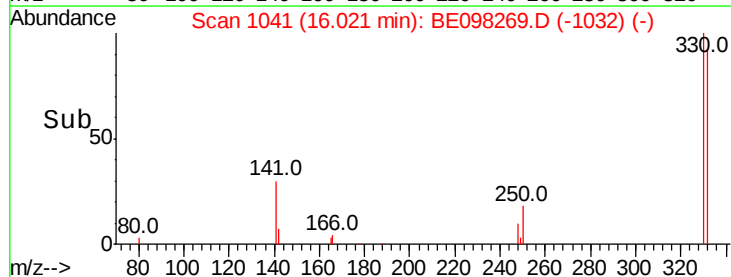
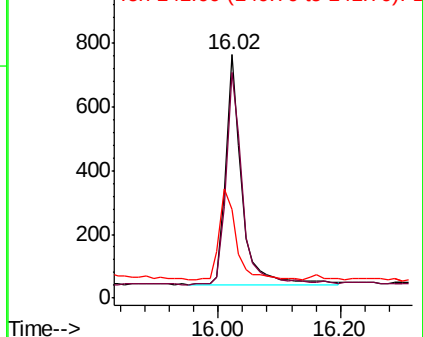


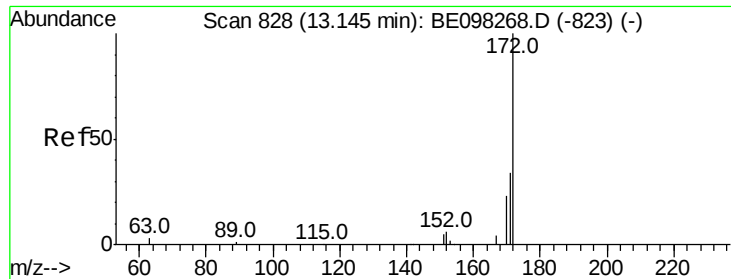
#14  
2,4,6-Tribromophenol  
Concen: 1.174 ng  
RT: 16.02 min Scan# 1041  
Delta R.T. 0.00 min  
Lab File: BE098269.D  
Acq: 29 Nov 2018 12:04

Tgt Ion:330 Resp: 1311  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.2 114.4  
141 42.6 39.0 58.4



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

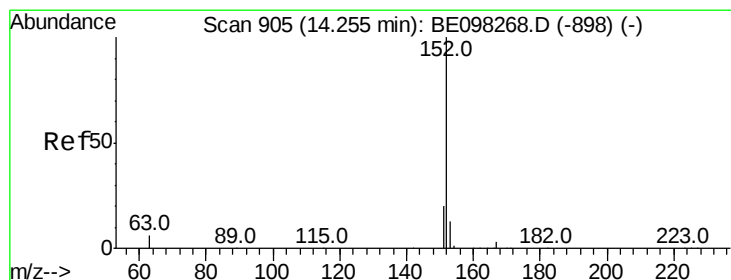
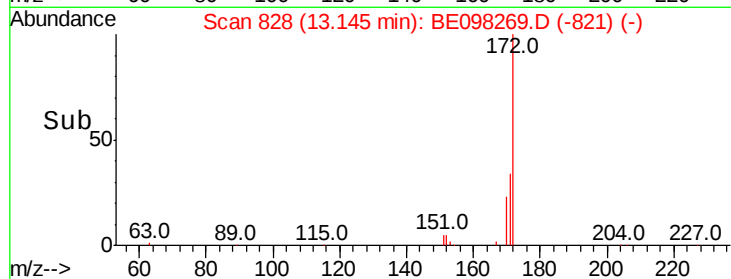
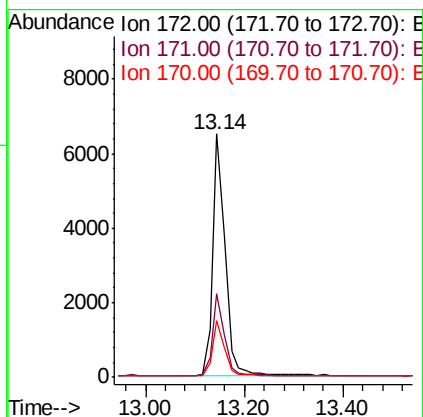
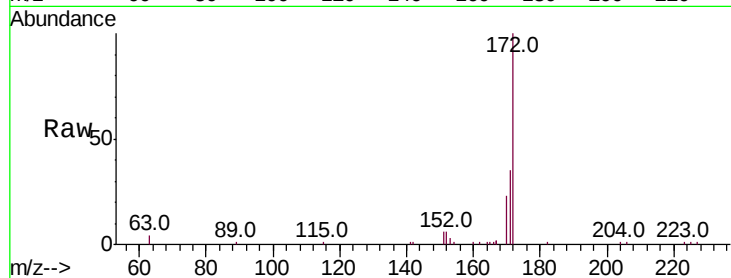




#15  
 2-Fluorobiphenyl  
 Concen: 0.740 ng  
 RT: 13.14 min Scan# 828  
 Delta R.T. -0.00 min  
 Lab File: BE098269.D  
 Acq: 29 Nov 2018 12:04

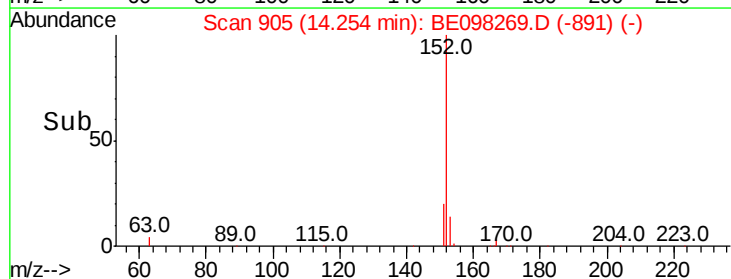
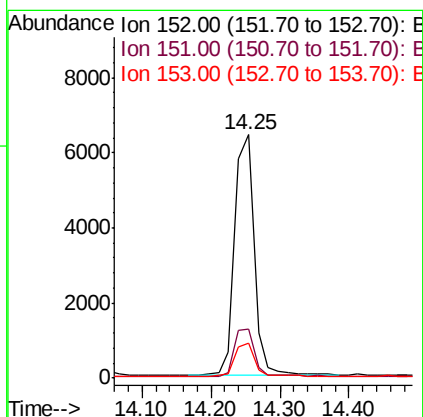
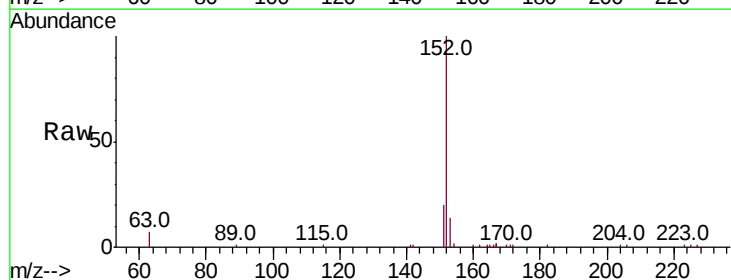
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

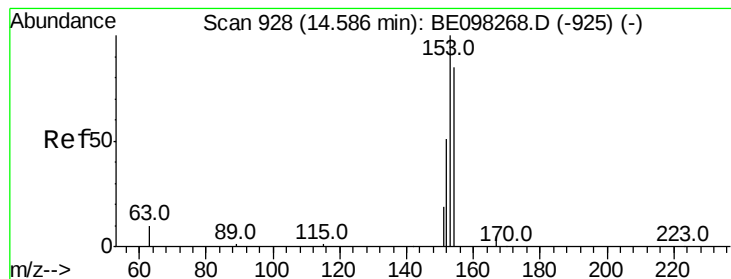
Tot Ion:172 Resp: 11155  
 Ion Ratio Lower Upper  
 172 100  
 171 34.5 27.5 41.3  
 170 23.4 19.6 29.4



#16  
 Acenaphthylene  
 Concen: 0.767 ng  
 RT: 14.25 min Scan# 905  
 Delta R.T. -0.00 min  
 Lab File: BE098269.D  
 Acq: 29 Nov 2018 12:04

Tgt Ion:152 Resp: 12659  
 Ion Ratio Lower Upper  
 152 100  
 151 19.9 15.5 23.3  
 153 13.3 10.6 16.0





#17

Acenaphthene

Concen: 0.778 ng

RT: 14.59 min Scan# 928

Delta R.T. -0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

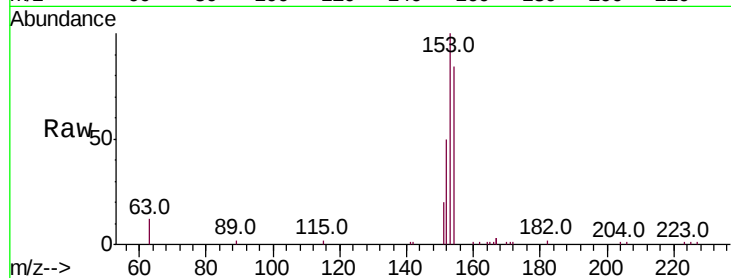
Tot Ion:154 Resp: 7664

Ion Ratio Lower Upper

154 100

153 115.1 91.8 137.6

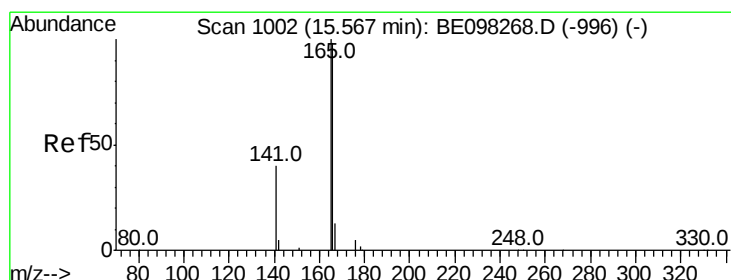
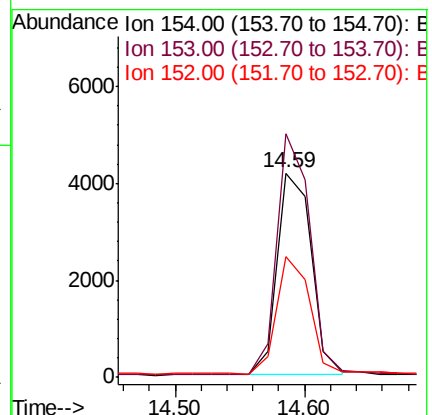
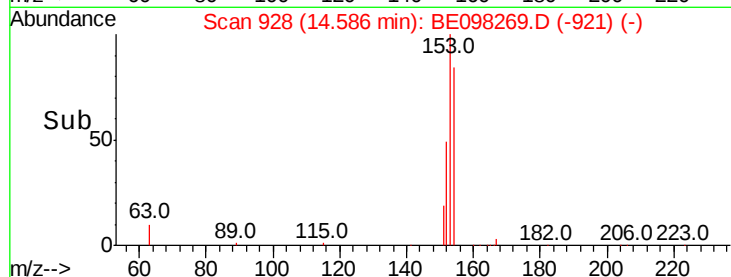
152 56.0 45.5 68.3



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: 0.812 ng

RT: 15.57 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

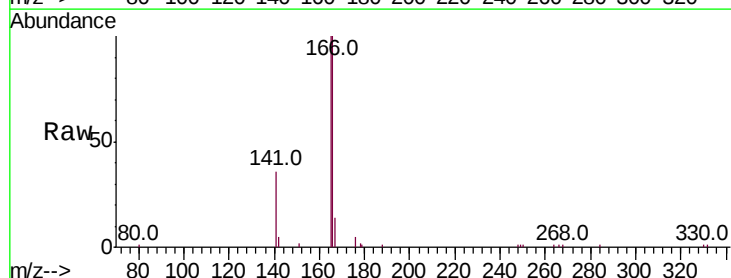
Tgt Ion:166 Resp: 10192

Ion Ratio Lower Upper

166 100

165 97.9 79.3 118.9

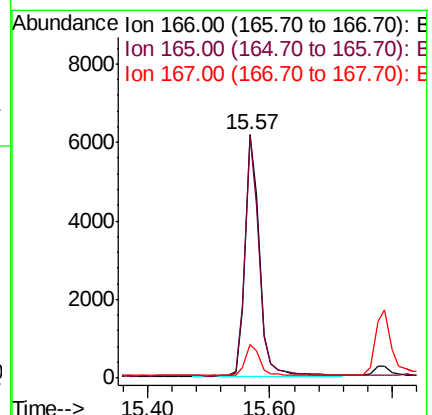
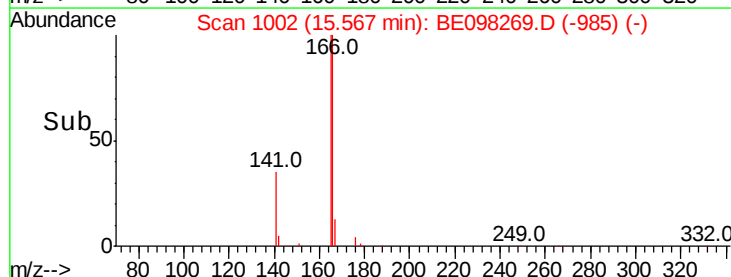
167 13.5 11.3 16.9

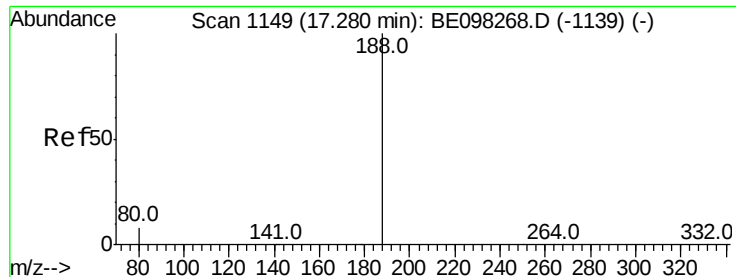


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

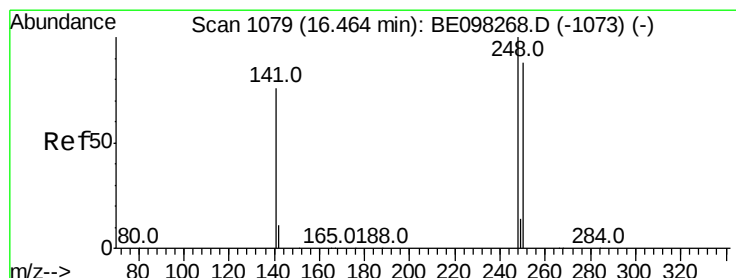
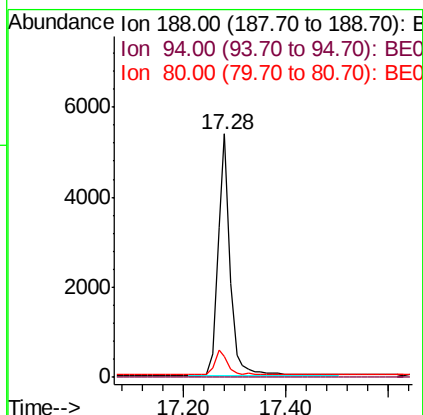
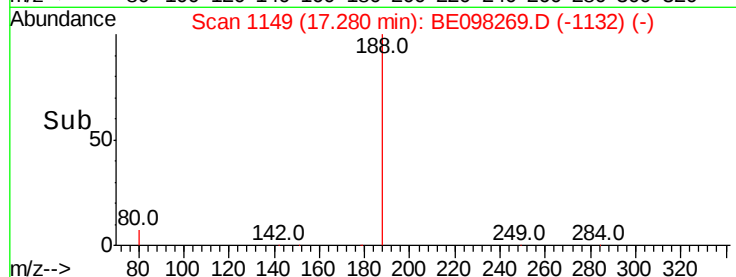
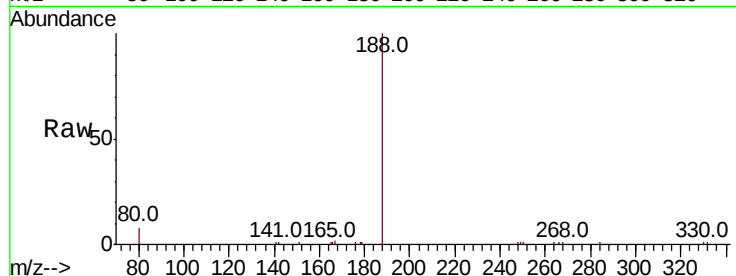
Tot Ion:188 Resp: 8687

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 7.2 10.8



#20

4-Bromophenyl-phenylether

Concen: 0.708 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

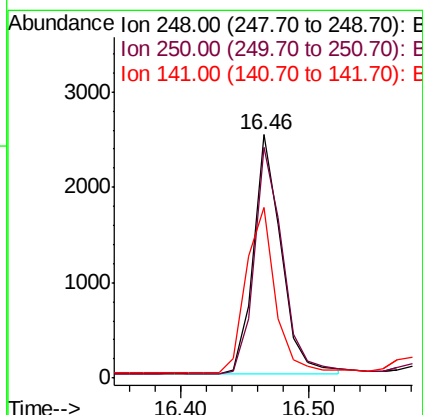
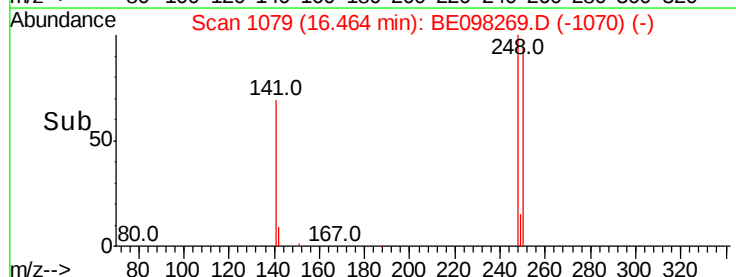
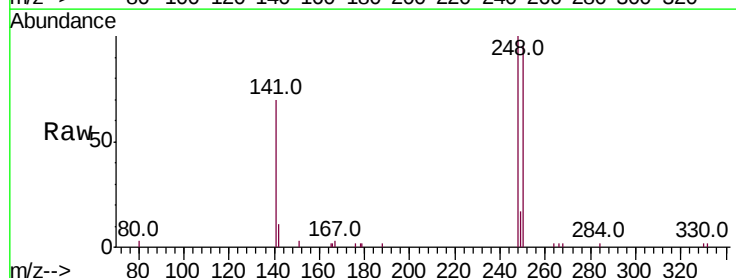
Tgt Ion:248 Resp: 3809

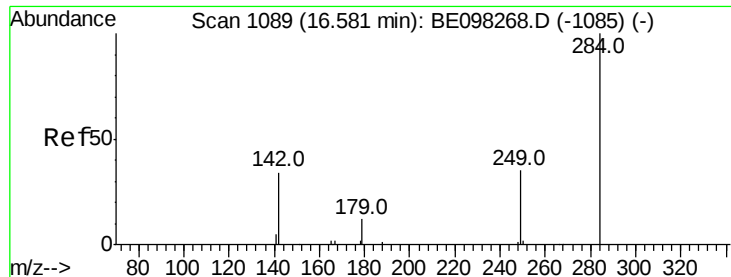
Ion Ratio Lower Upper

248 100

250 94.7 71.0 106.6

141 70.1 62.1 93.1





#21

Hexachlorobenzene

Concen: 0.707 ng

RT: 16.58 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

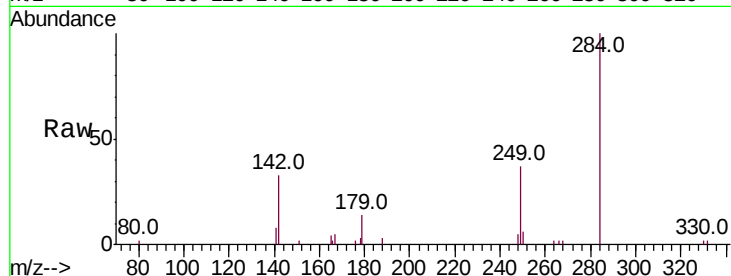
Tot Ion:284 Resp: 3923

Ion Ratio Lower Upper

284 100

142 33.5 26.3 39.5

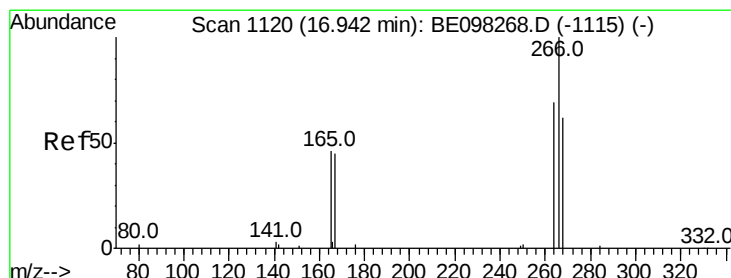
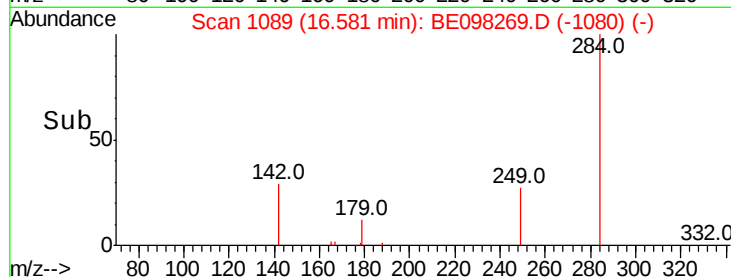
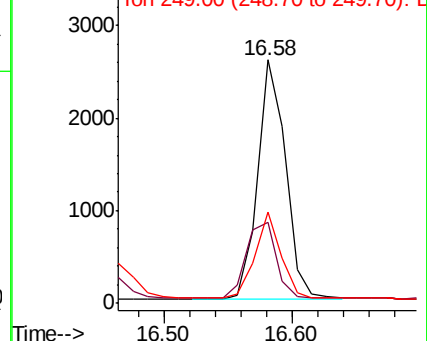
249 33.2 26.0 39.0



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: 1.830 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

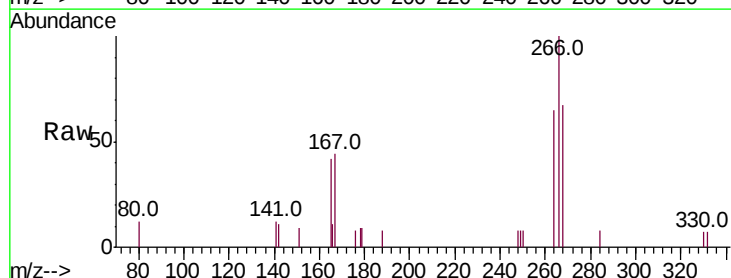
Tgt Ion:266 Resp: 1402

Ion Ratio Lower Upper

266 100

264 64.9 59.0 88.4

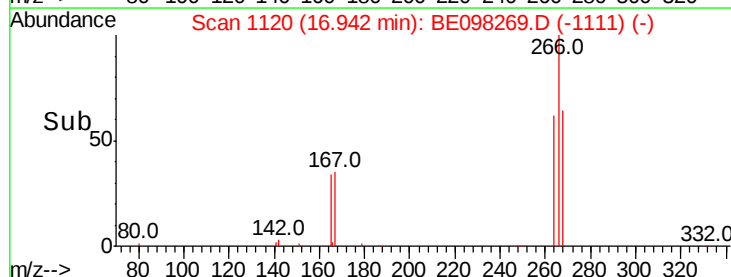
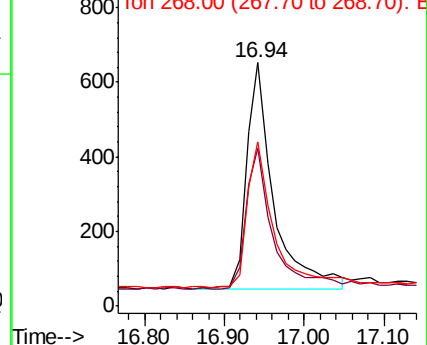
268 67.2 55.1 82.7

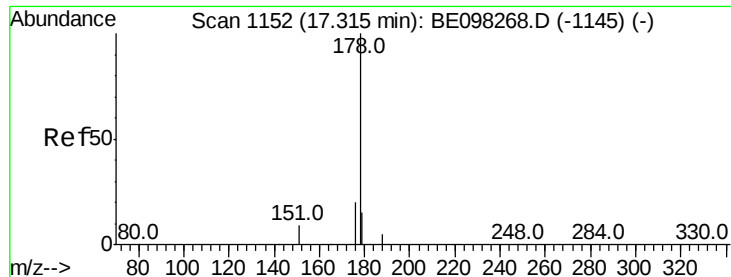


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.757 ng

RT: 17.31 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

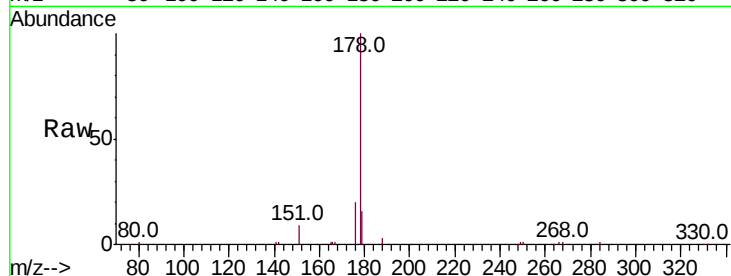
Tot Ion:178 Resp: 16914

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

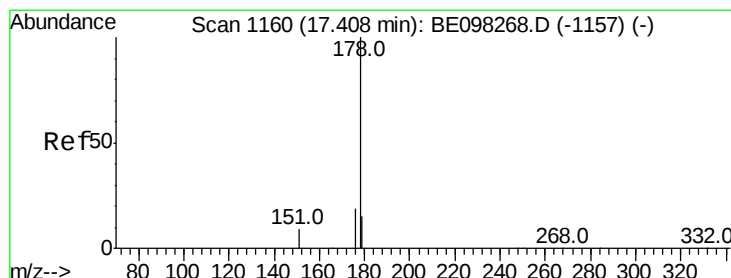
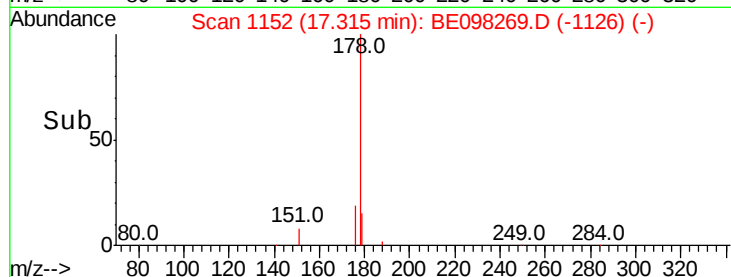
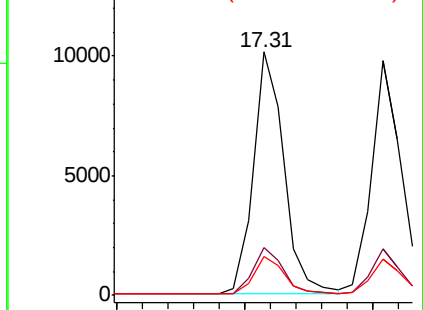
179 15.7 12.3 18.5



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: 0.789 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

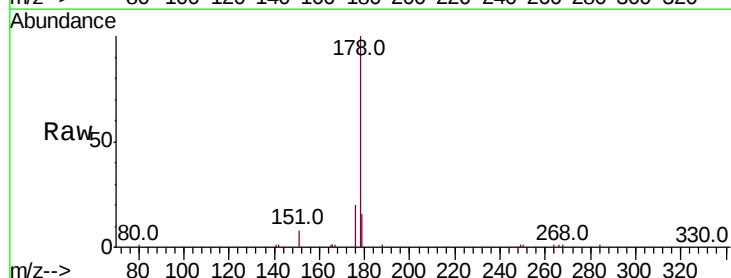
Tgt Ion:178 Resp: 16007

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

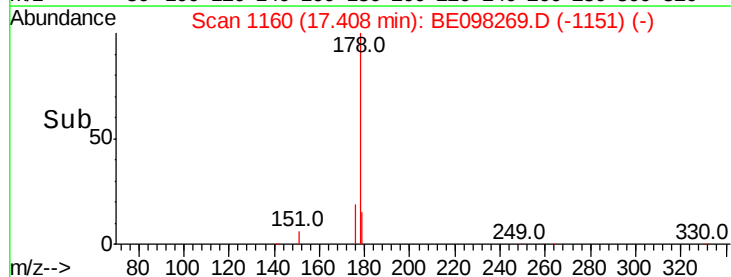
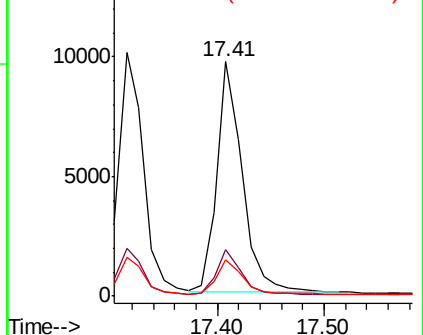
179 15.2 12.3 18.5

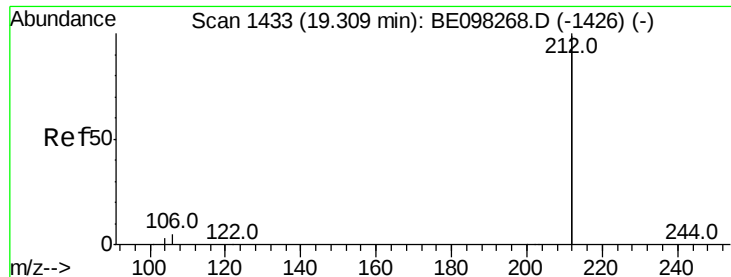


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.902 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

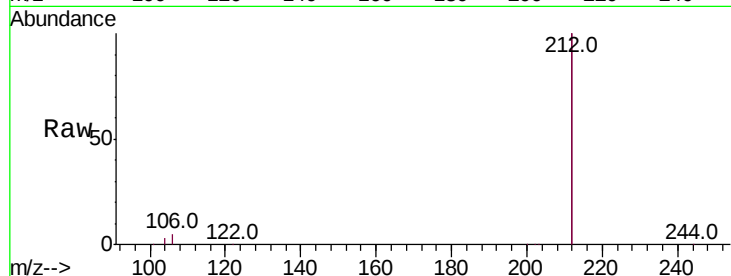
Tot Ion:212 Resp: 95299

Ion Ratio Lower Upper

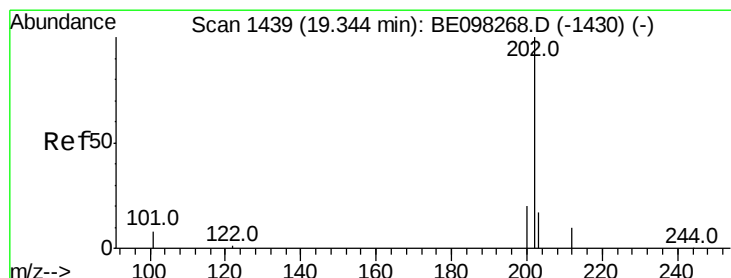
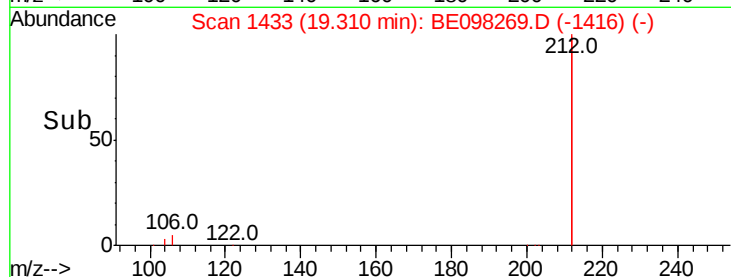
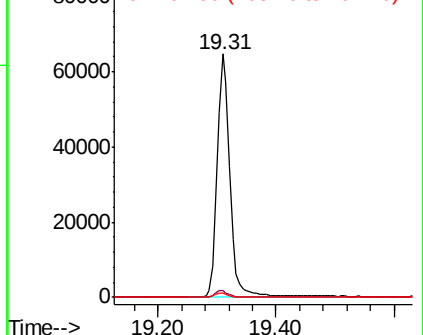
212 100

106 2.7 2.2 3.2

104 1.5 1.3 1.9



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: 0.888 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

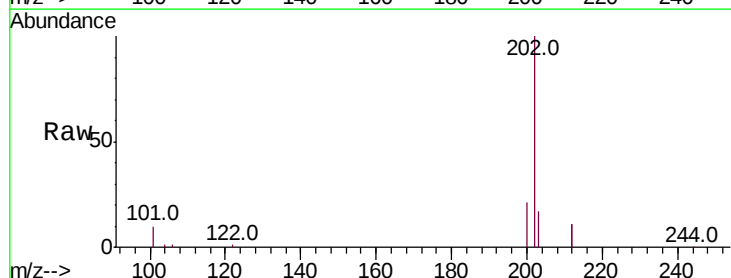
Tgt Ion:202 Resp: 23814

Ion Ratio Lower Upper

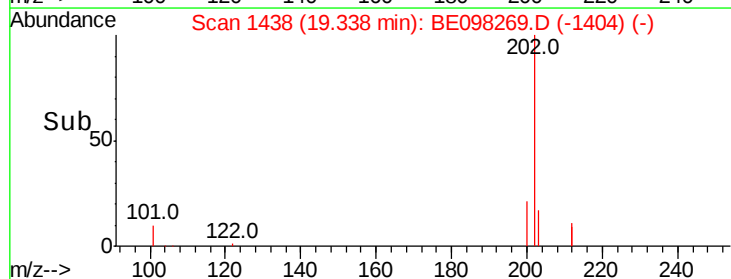
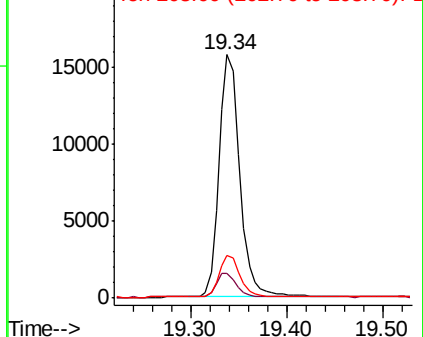
202 100

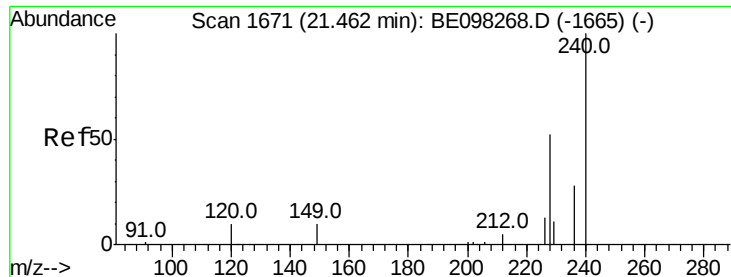
101 10.2 8.0 12.0

203 17.1 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: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

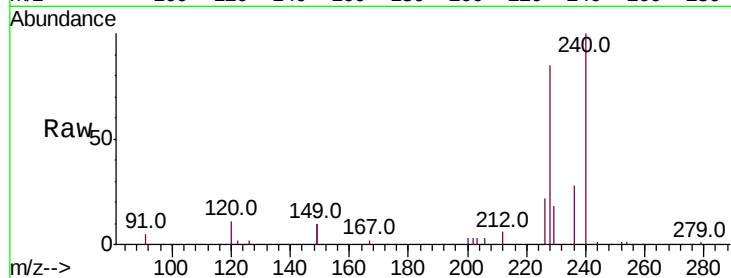
Tot Ion:240 Resp: 12399

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

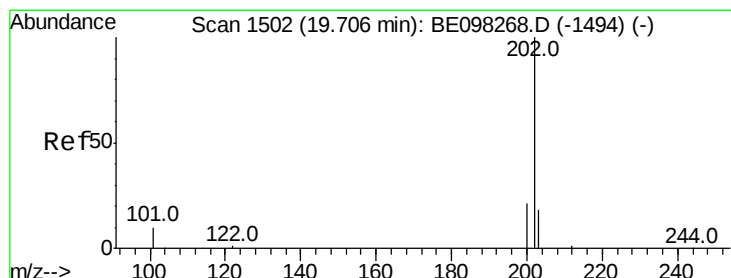
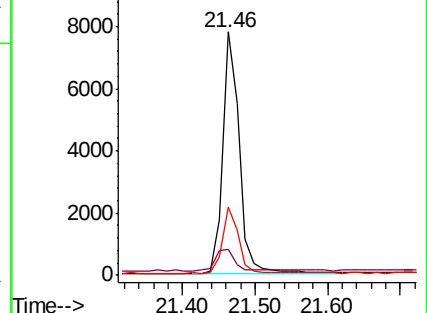
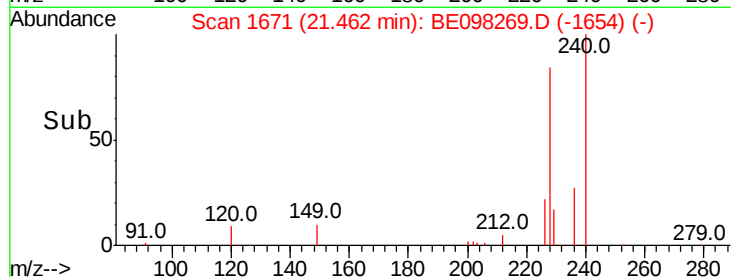
236 28.1 22.7 34.1



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: 0.699 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

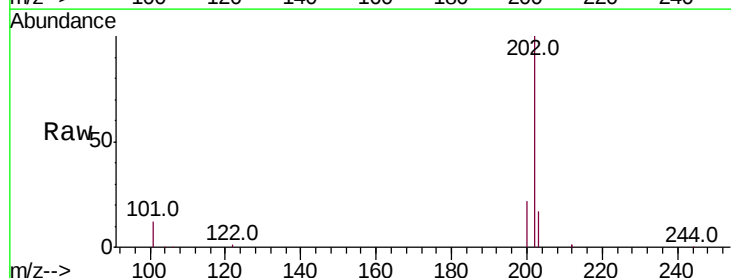
Tgt Ion:202 Resp: 25340

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

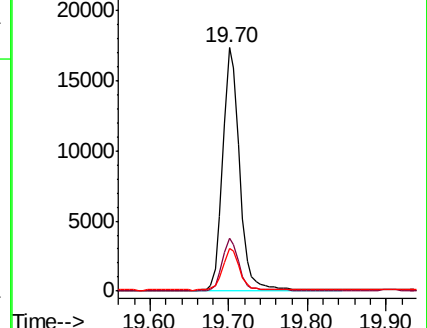
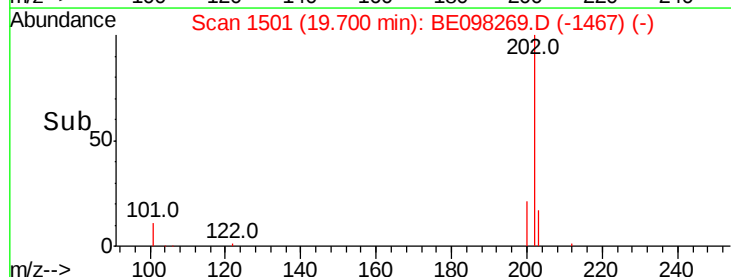
203 17.5 14.1 21.1

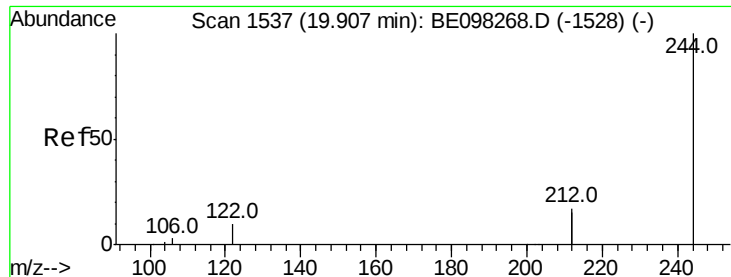


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.702 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

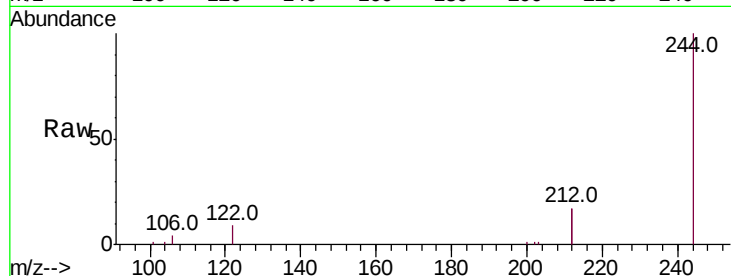
Tot Ion:244 Resp: 20005

Ion Ratio Lower Upper

244 100

212 34.2 27.4 41.0

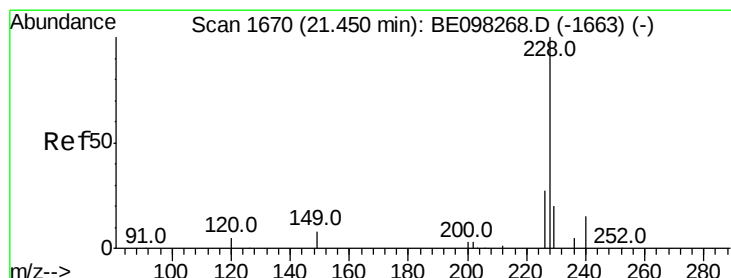
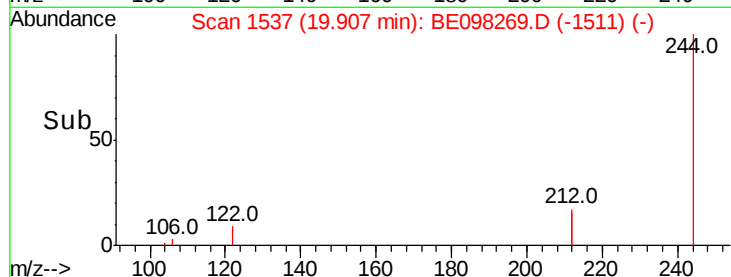
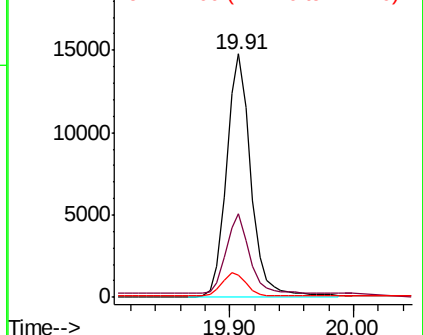
122 9.3 8.3 12.5



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: 0.784 ng

RT: 21.45 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

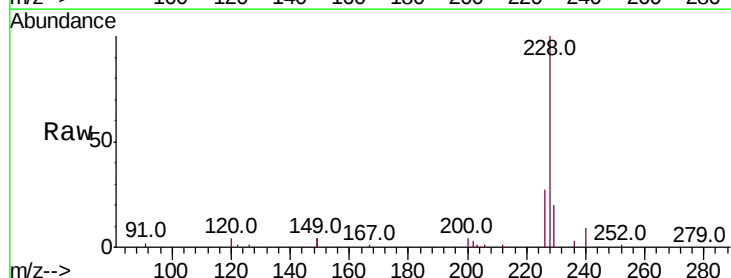
Tgt Ion:228 Resp: 28131

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

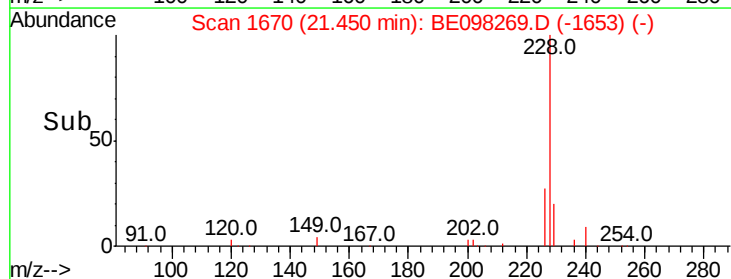
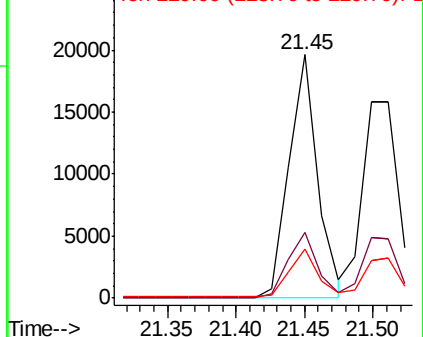
229 20.1 16.3 24.5

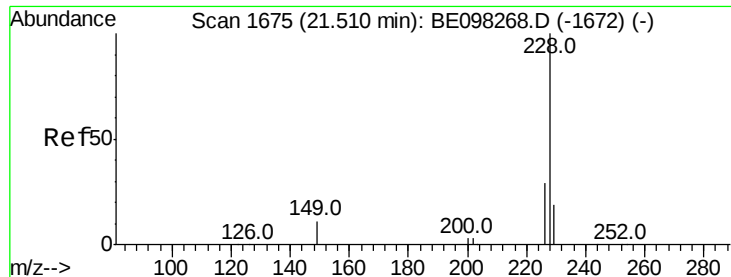


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.781 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

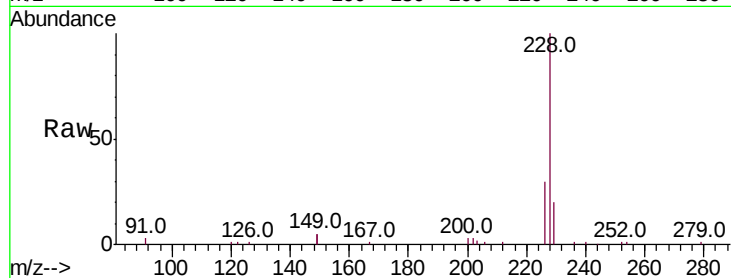
Tot Ion:228 Resp: 28807

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.0

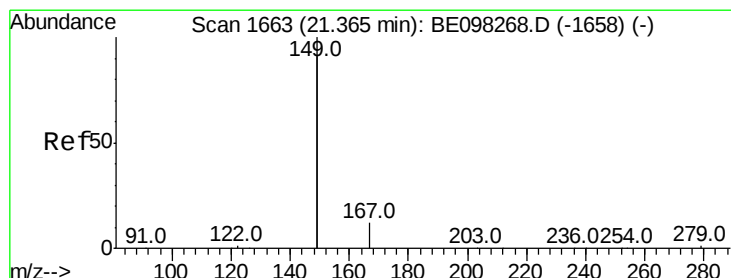
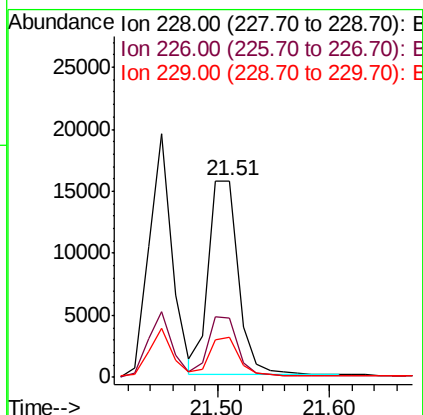
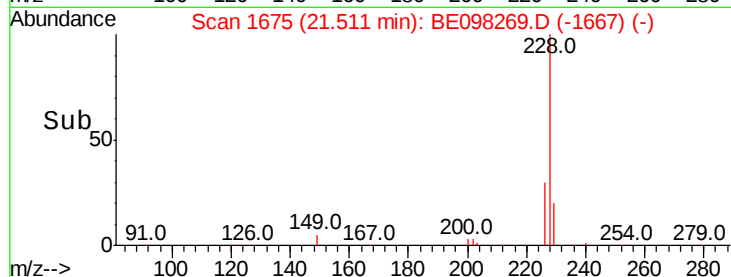
229 20.3 16.2 24.4



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: 1.171 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

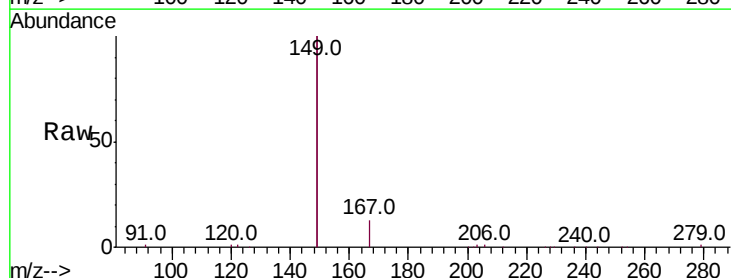
Tgt Ion:149 Resp: 65497

Ion Ratio Lower Upper

149 100

167 7.0 5.7 8.5

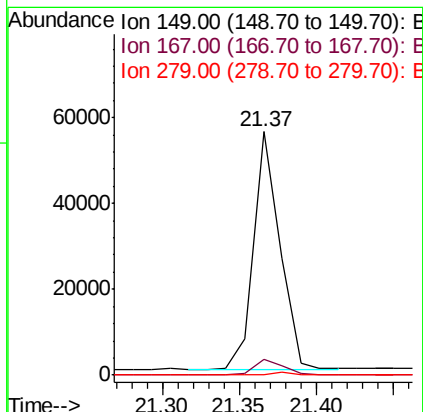
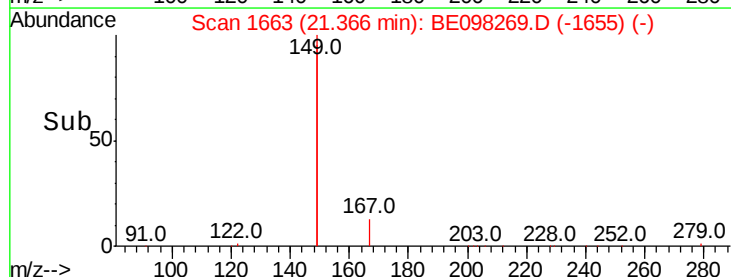
279 1.0 1.0 1.4

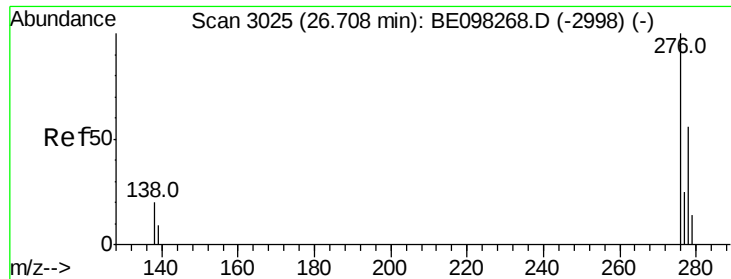


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

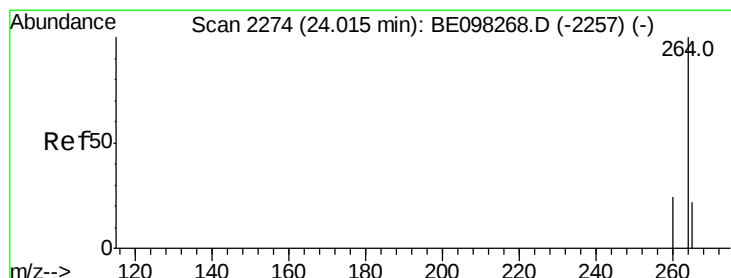
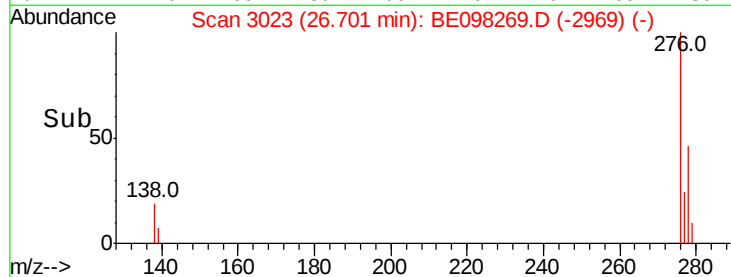
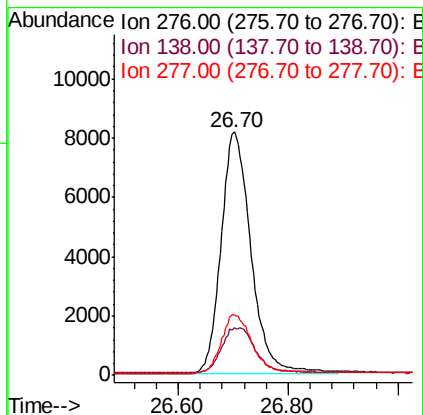
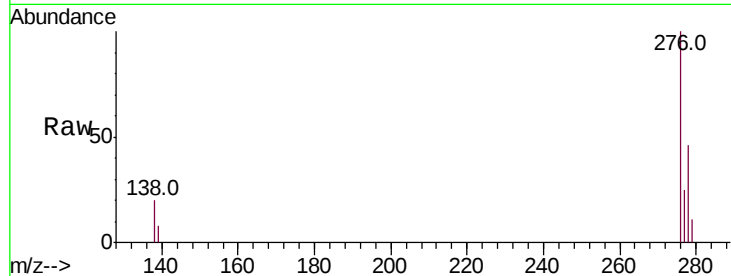




#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.976 ng  
 RT: 26.70 min Scan# 3023  
 Delta R.T. -0.01 min  
 Lab File: BE098269.D  
 Acq: 29 Nov 2018 12:04

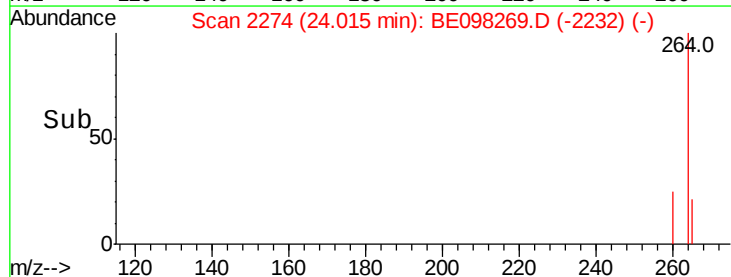
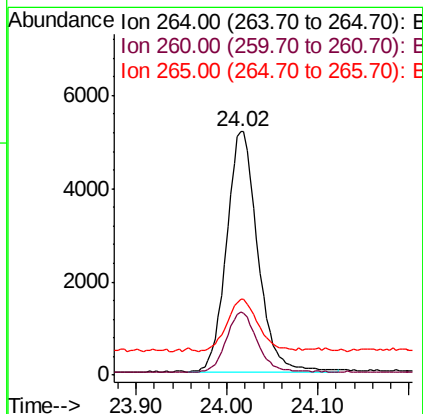
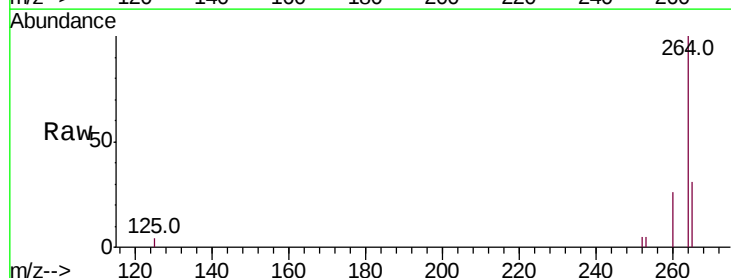
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

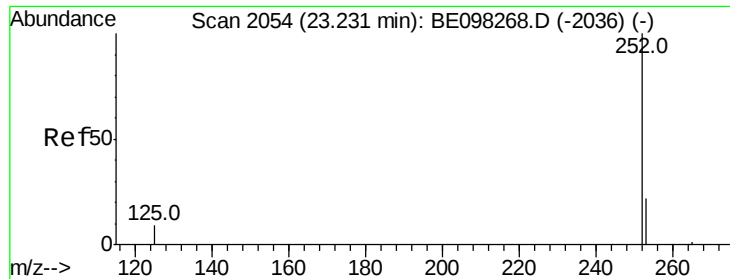
Tot Ion:276 Resp: 30830  
 Ion Ratio Lower Upper  
 276 100  
 138 20.6 16.3 24.5  
 277 24.3 20.2 30.4



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.02 min Scan# 2274  
 Delta R.T. -0.00 min  
 Lab File: BE098269.D  
 Acq: 29 Nov 2018 12:04

Tgt Ion:264 Resp: 12294  
 Ion Ratio Lower Upper  
 264 100  
 260 25.9 20.2 30.2  
 265 31.3 25.2 37.8





#35

Benzo(b)fluoranthene

Concen: 0.782 ng

RT: 23.23 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

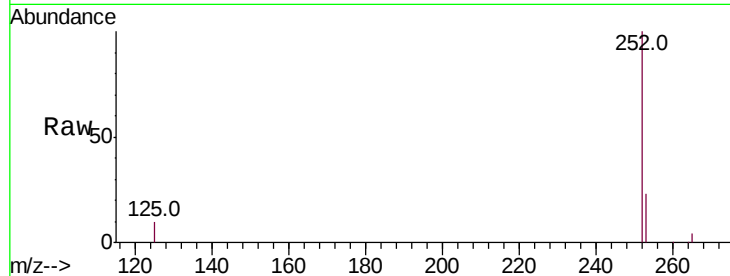
Tot Ion:252 Resp: 27138

Ion Ratio Lower Upper

252 100

253 22.7 20.0 30.0

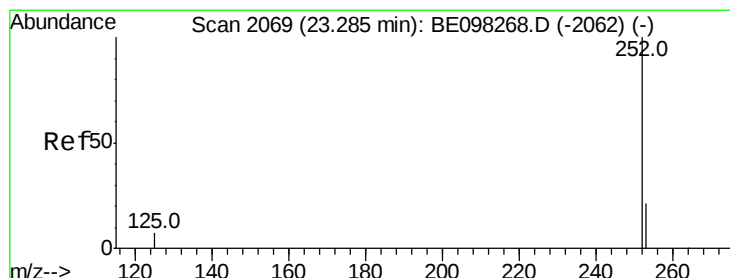
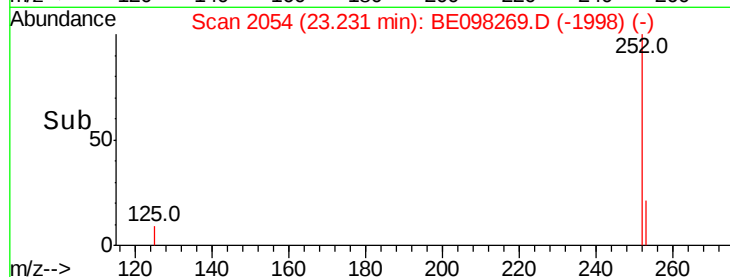
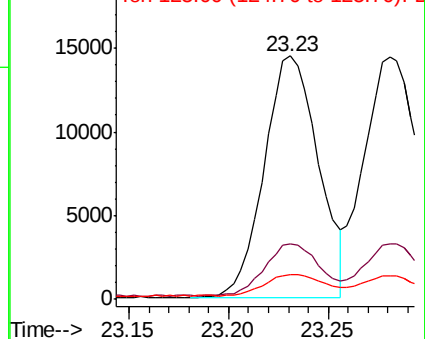
125 10.1 9.6 14.4



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



#36

Benzo(k)fluoranthene

Concen: 0.750 ng

RT: 23.28 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

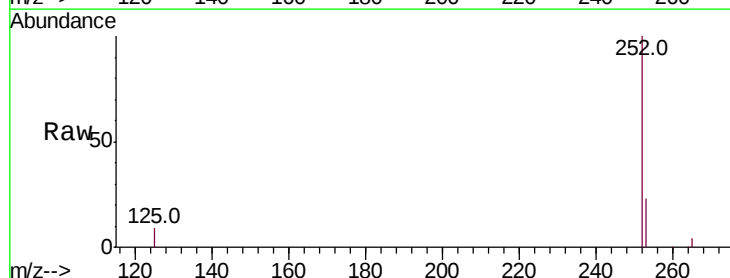
Tgt Ion:252 Resp: 29411

Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.6

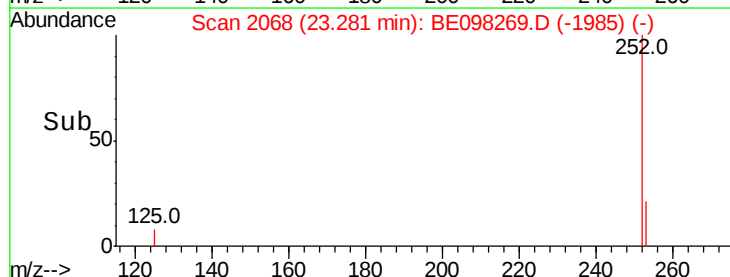
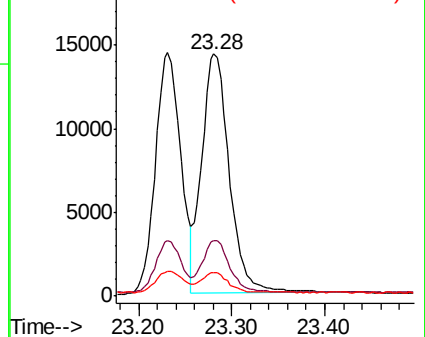
125 9.5 9.1 13.7

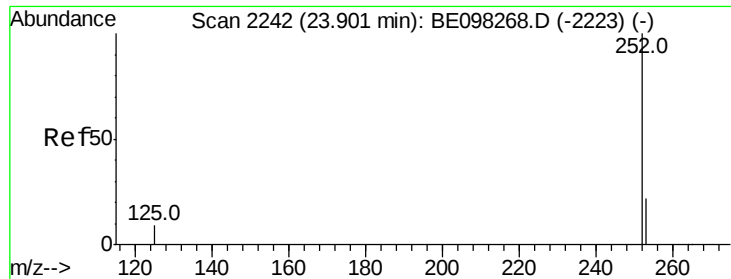


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.781 ng

RT: 23.90 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

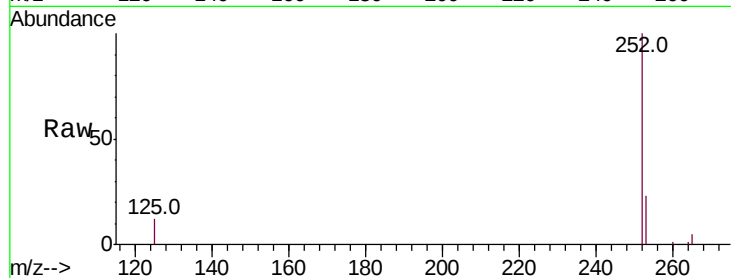
Tot Ion:252 Resp: 26624

Ion Ratio Lower Upper

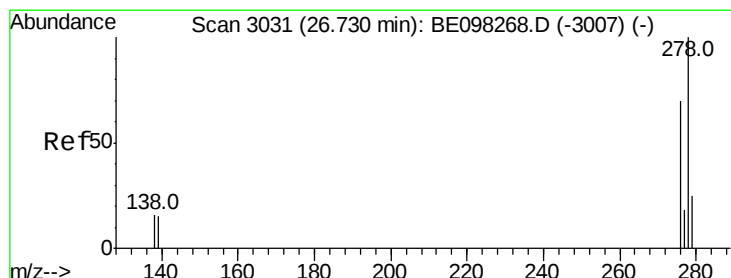
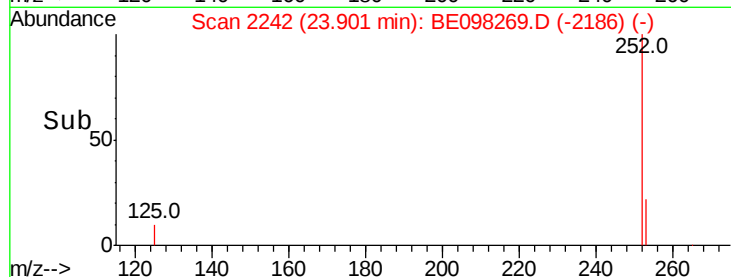
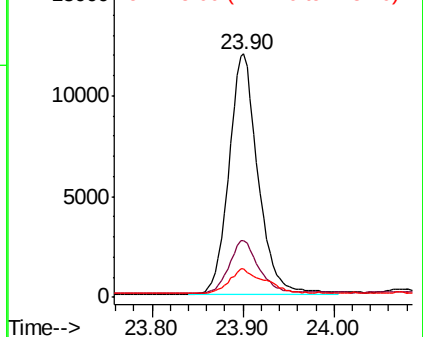
252 100

253 23.1 20.6 30.8

125 11.6 10.5 15.7



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: 0.939 ng

RT: 26.73 min Scan# 3031

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

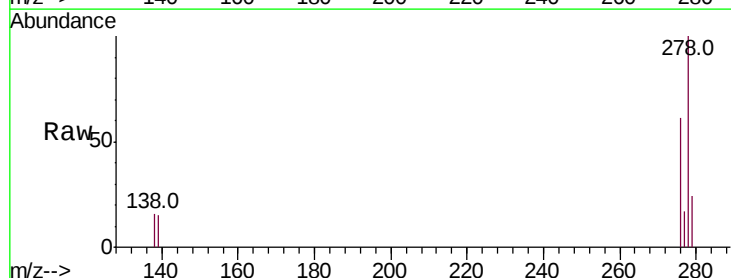
Tgt Ion:278 Resp: 25668

Ion Ratio Lower Upper

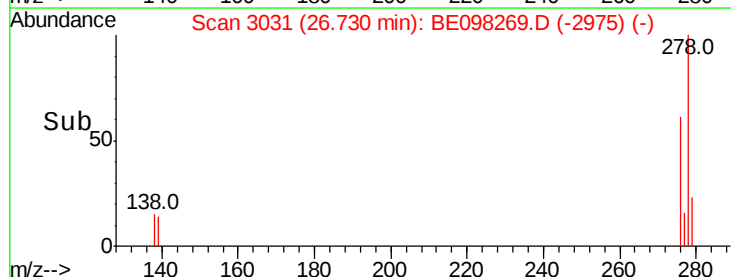
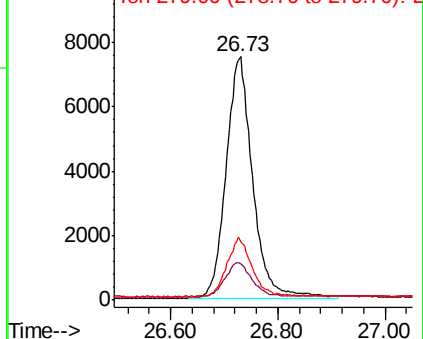
278 100

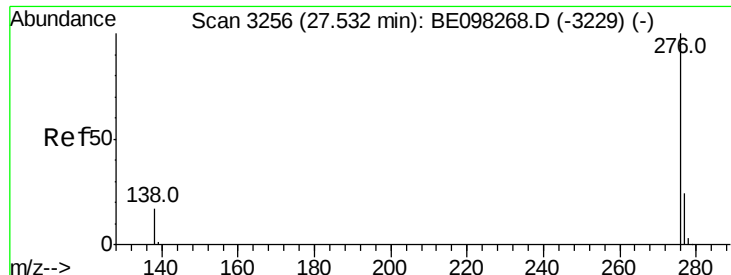
139 15.0 14.5 21.7

279 24.0 21.8 32.8



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: 0.873 ng

RT: 27.53 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BE098269.D

Acq: 29 Nov 2018 12:04

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

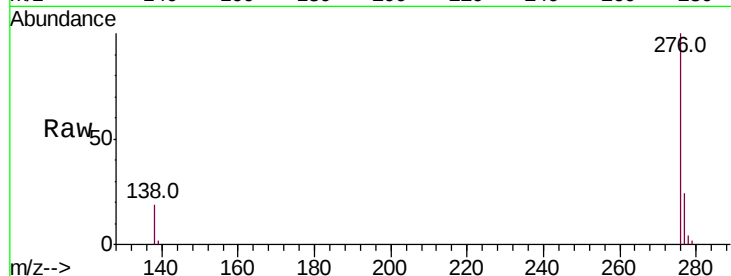
Tot Ion:276 Resp: 25691

Ion Ratio Lower Upper

276 100

277 24.4 20.8 31.2

138 18.7 15.8 23.6



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

