

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE031419\  
 Data File : BE098948.D  
 Acq On : 14 Mar 2019 18:02  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Mar 15 05:32:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE030619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 06 15:33:24 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 759      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.59 | 136  | 3424     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.46 | 164  | 2290     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.21 | 188  | 5499     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.40 | 240  | 6095     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.90 | 264  | 6041     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.41  | 112 | 757   | 0.33 | ng | 0.02 |
| 5) Phenol-d6                | 7.00  | 99  | 1119  | 0.35 | ng | 0.01 |
| 8) Nitrobenzene-d5          | 8.98  | 82  | 1070  | 0.30 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.19 | 152 | 2471  | 0.39 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.97 | 330 | 312   | 0.27 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.09 | 172 | 3671  | 0.39 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.24 | 212 | 29818 | 0.34 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.85 | 244 | 5604  | 0.38 | ng | 0.00 |

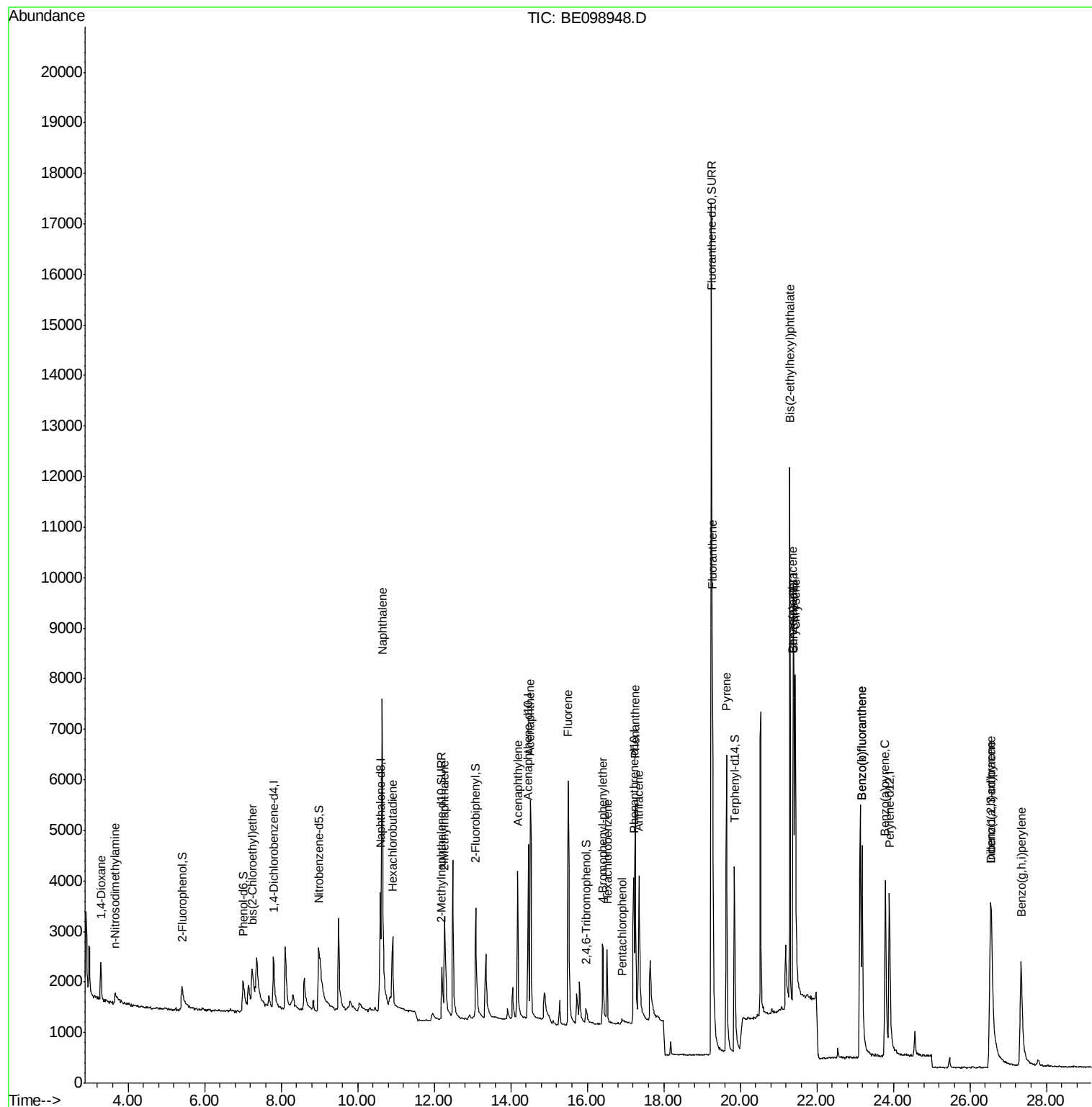
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.29  | 88  | 569   | 0.383  | ng | 98   |
| 3) n-Nitrosodimethylamine      | 3.67  | 42  | 285   | 0.149  | ng | # 86 |
| 6) bis(2-Chloroethyl)ether     | 7.24  | 93  | 703   | 0.284  | ng | 85   |
| 9) Naphthalene                 | 10.64 | 128 | 15303 | 0.390  | ng | 100  |
| 10) Hexachlorobutadiene        | 10.91 | 225 | 993   | 0.383  | ng | 99   |
| 12) 2-Methylnaphthalene        | 12.27 | 142 | 2259  | 0.355  | ng | 88   |
| 16) Acenaphthylene             | 14.18 | 152 | 4454  | 0.378  | ng | 97   |
| 17) Acenaphthene               | 14.51 | 154 | 2685  | 0.384  | ng | 99   |
| 18) Fluorene                   | 15.50 | 166 | 3651  | 0.362  | ng | 98   |
| 20) 4-Bromophenyl-phenylether  | 16.41 | 248 | 1042  | 0.350  | ng | # 82 |
| 21) Hexachlorobenzene          | 16.52 | 284 | 1402  | 0.396  | ng | 99   |
| 22) Pentachlorophenol          | 16.92 | 266 | 104   | 0.351  | ng | 91   |
| 23) Phenanthrene               | 17.25 | 178 | 5749  | 0.368  | ng | 99   |
| 24) Anthracene                 | 17.35 | 178 | 4225  | 0.316  | ng | 99   |
| 26) Fluoranthene               | 19.28 | 202 | 7461  | 0.338  | ng | 99   |
| 28) Pyrene                     | 19.64 | 202 | 7536  | 0.404  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.38 | 228 | 6794  | 0.357  | ng | 99   |
| 31) Chrysene                   | 21.44 | 228 | 7745  | 0.381  | ng | 98   |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 12145 | 0.300  | ng | 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.54 | 276 | 7583  | 0.353  | ng | # 89 |
| 35) Benzo(b)fluoranthene       | 23.18 | 252 | 8137  | 0.410  | ng | 97   |
| 36) Benzo(k)fluoranthene       | 23.18 | 252 | 8566  | 0.412  | ng | 99   |
| 37) Benzo(a)pyrene             | 23.79 | 252 | 7096  | 0.373  | ng | # 90 |
| 38) Dibenzo(a,h)anthracene     | 26.57 | 278 | 5484  | 0.304  | ng | 98   |
| 39) Benzo(g,h,i)perylene       | 27.34 | 276 | 6465  | 0.343  | ng | 97   |

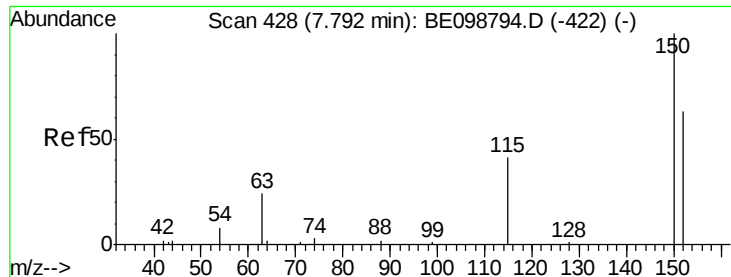
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 06 15:33:24 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

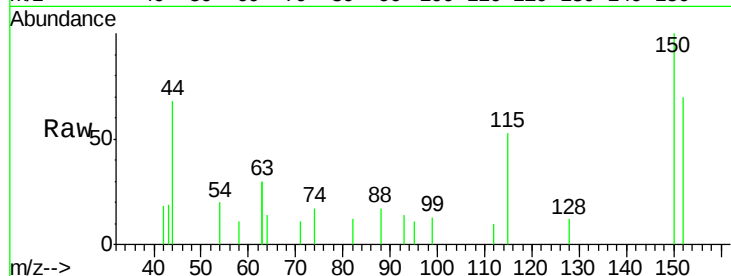
Tgt Ion:152 Resp: 759

Ion Ratio Lower Upper

152 100

150 143.7 122.5 183.7

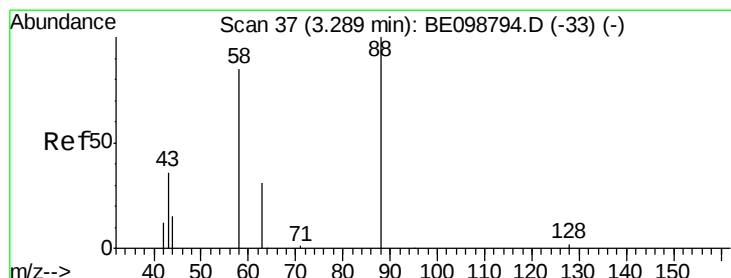
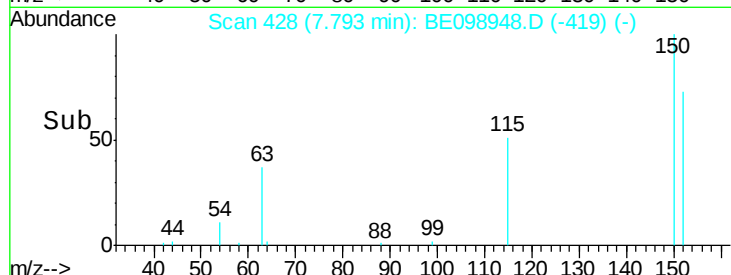
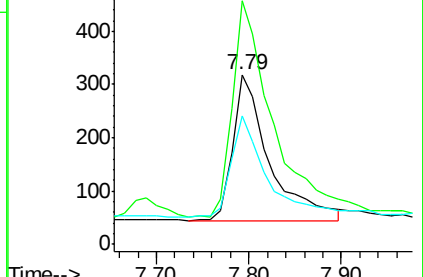
115 76.1 57.4 86.2



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: 0.383 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

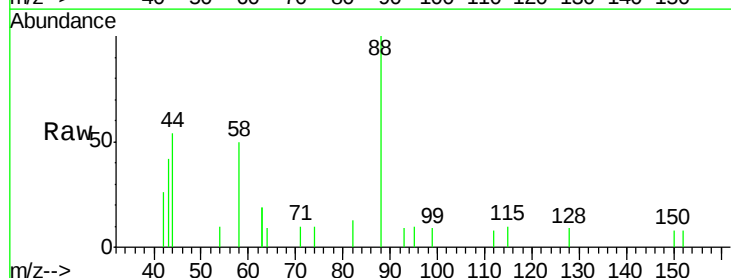
Tgt Ion: 88 Resp: 569

Ion Ratio Lower Upper

88 100

58 91.9 75.8 113.6

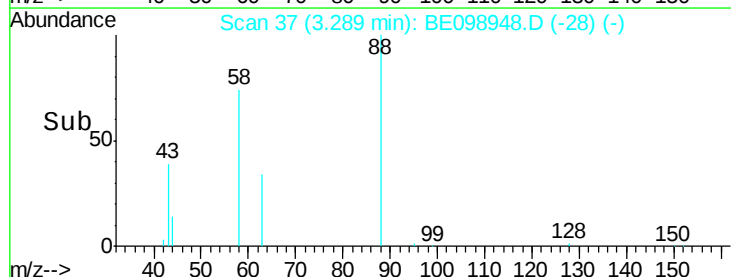
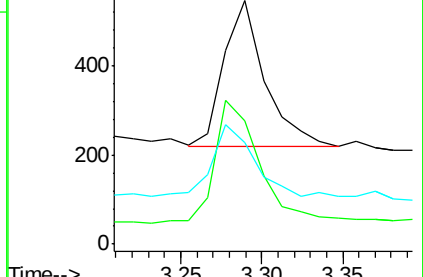
43 52.0 41.8 62.8



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: 0.149 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.05 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

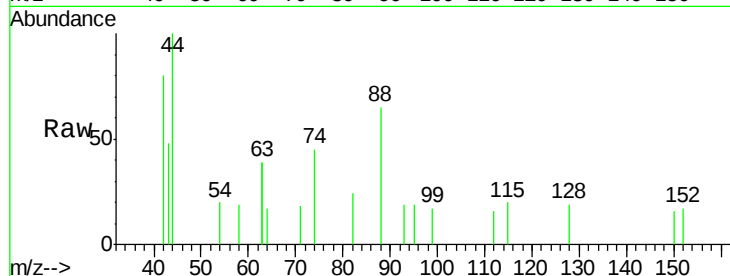
Tgt Ion: 42 Resp: 285

Ion Ratio Lower Upper

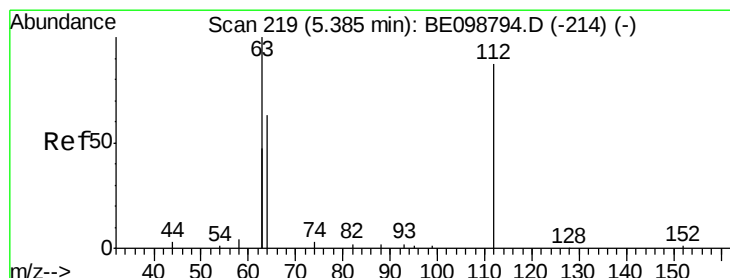
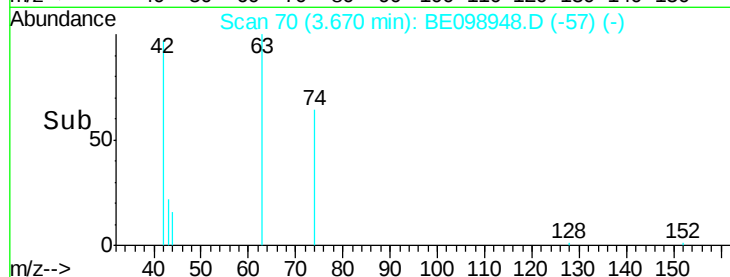
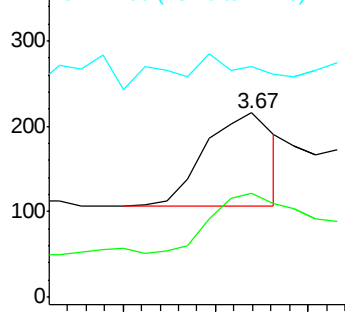
42 100

74 59.3 57.0 85.4

44 0.0 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: 0.334 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

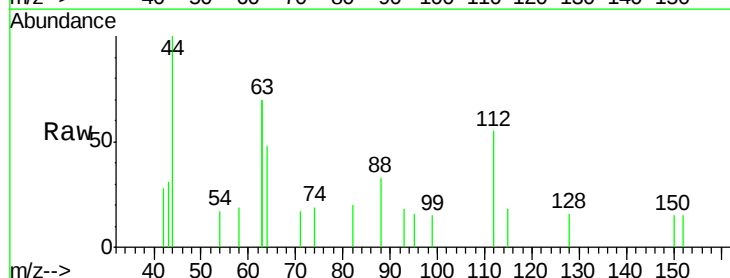
Tgt Ion: 112 Resp: 757

Ion Ratio Lower Upper

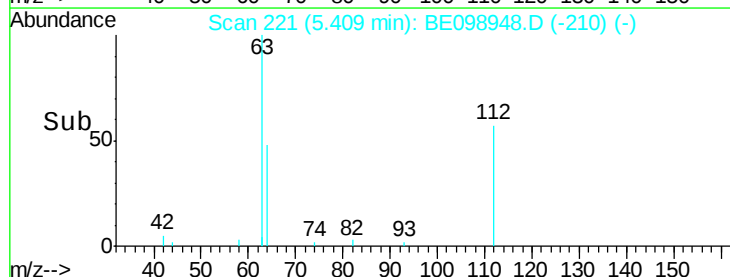
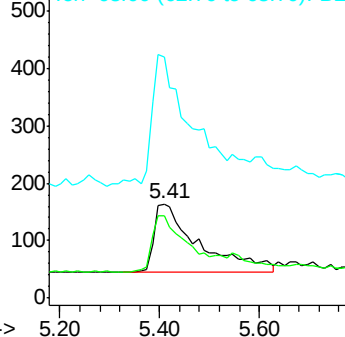
112 100

64 62.5 57.9 86.9

63 172.9 158.3 237.5



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: 0.349 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

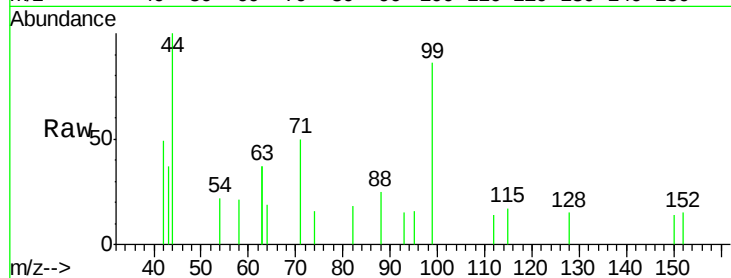
Tgt Ion: 99 Resp: 1119

Ion Ratio Lower Upper

99 100

42 32.8 24.2 36.2

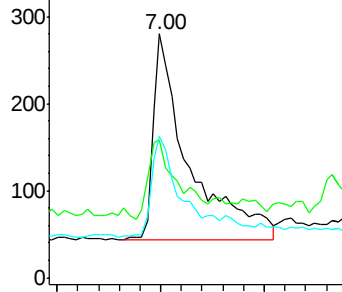
71 39.0 35.7 53.5



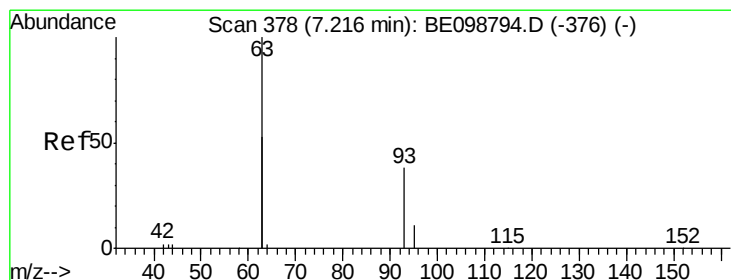
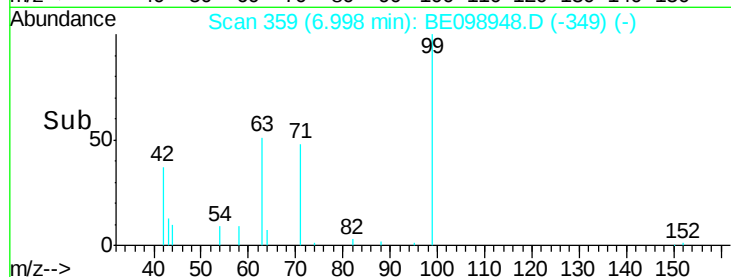
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.284 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.02 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

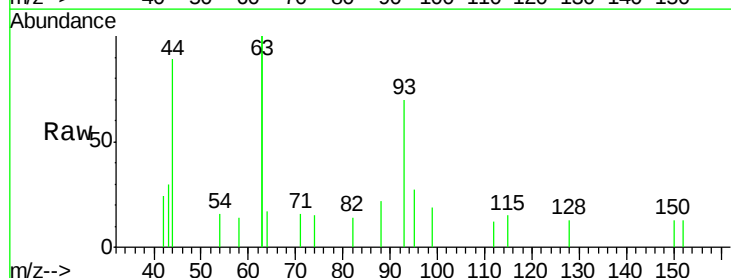
Tgt Ion: 93 Resp: 703

Ion Ratio Lower Upper

93 100

63 278.0 247.5 371.3

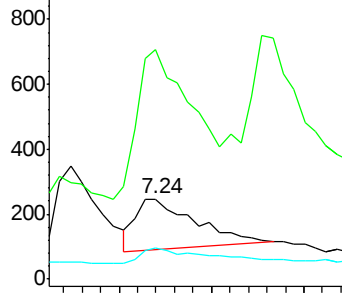
95 32.4 21.8 32.8



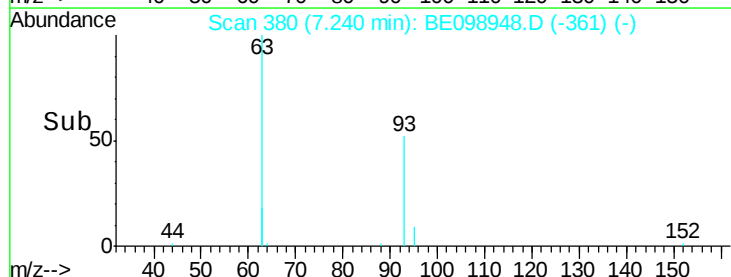
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 3424

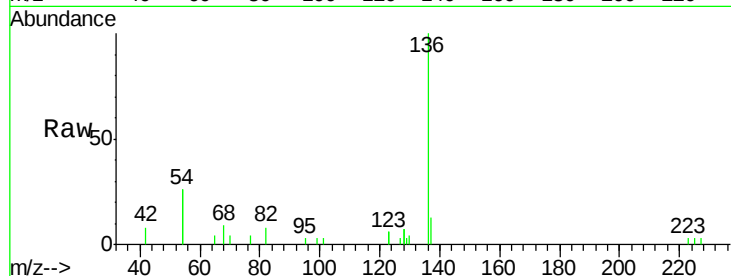
Ion Ratio Lower Upper

136 100

137 13.3 11.4 17.0

54 52.2 39.3 58.9

68 8.7 6.7 10.1

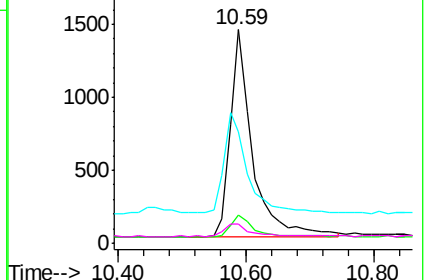
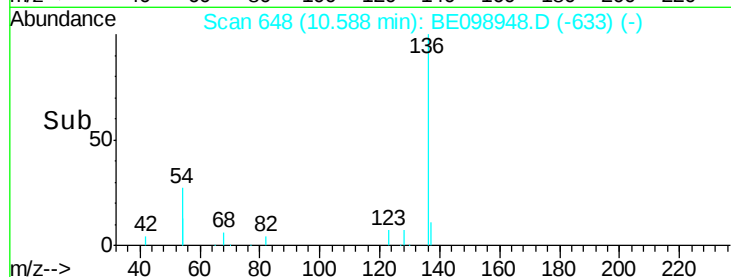


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.298 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

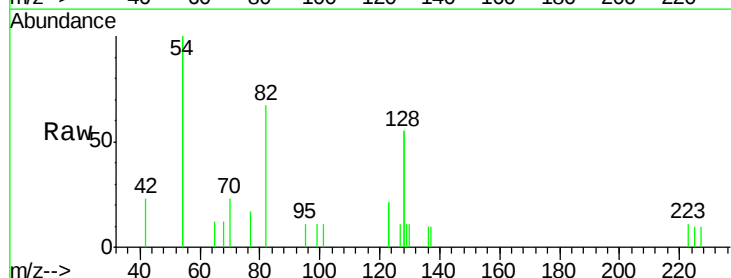
Tgt Ion: 82 Resp: 1070

Ion Ratio Lower Upper

82 100

128 163.6 123.8 185.8

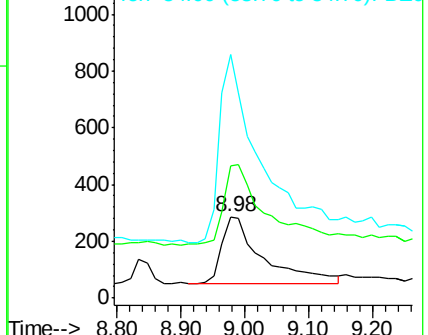
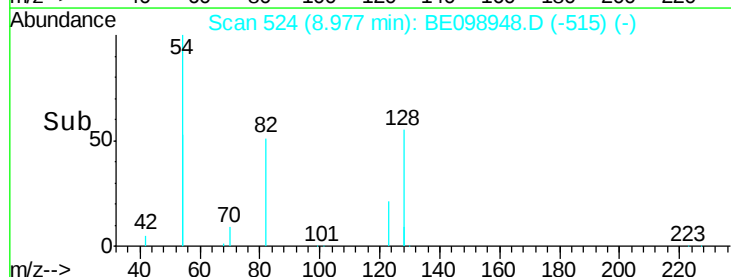
54 300.0 203.4 305.2



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: 0.390 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

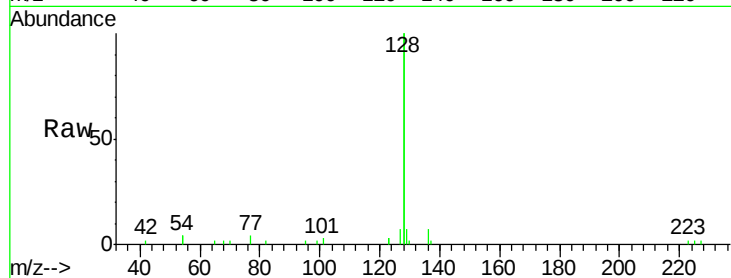
Tgt Ion:128 Resp: 15303

Ion Ratio Lower Upper

128 100

129 3.3 2.6 4.0

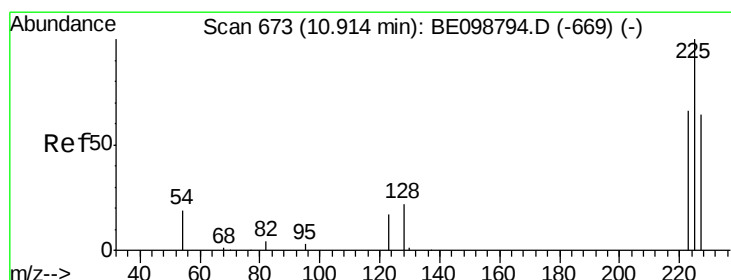
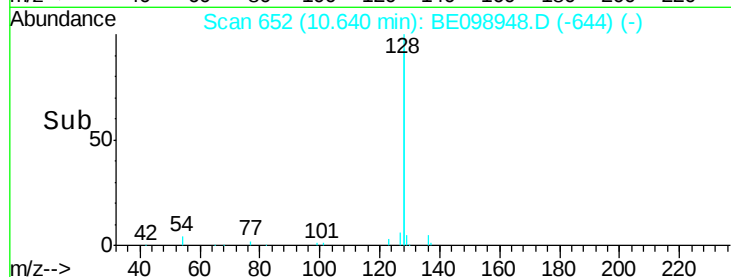
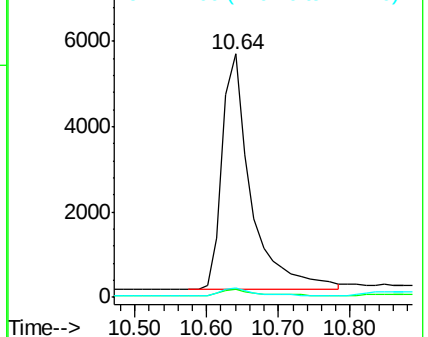
127 3.7 3.1 4.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.383 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

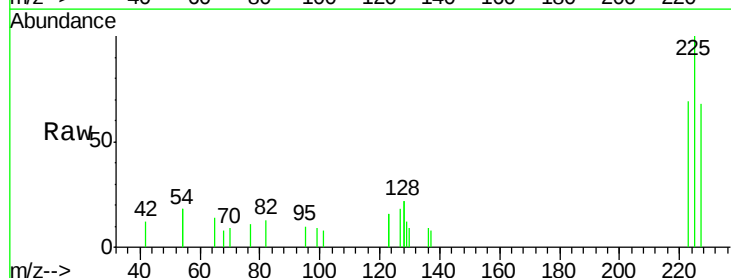
Tgt Ion:225 Resp: 993

Ion Ratio Lower Upper

225 100

223 65.5 51.1 76.7

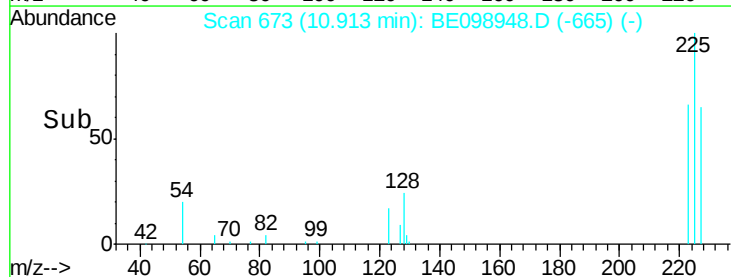
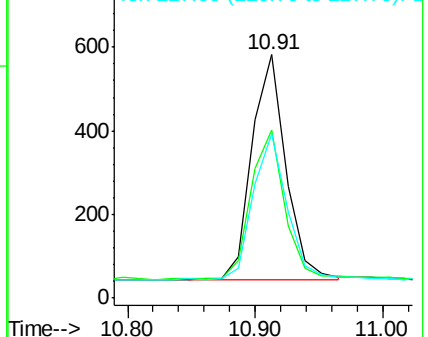
227 63.8 51.6 77.4



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: 0.390 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

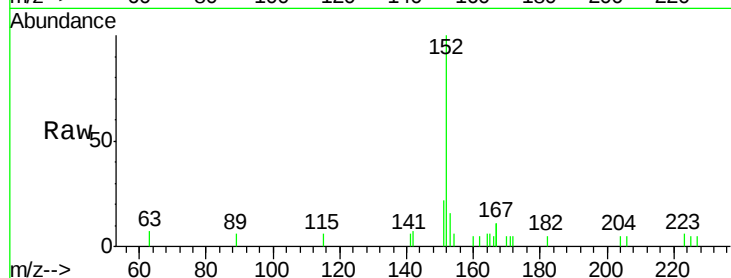
SSTDCCC0.4

Tgt Ion:152 Resp: 2471

Ion Ratio Lower Upper

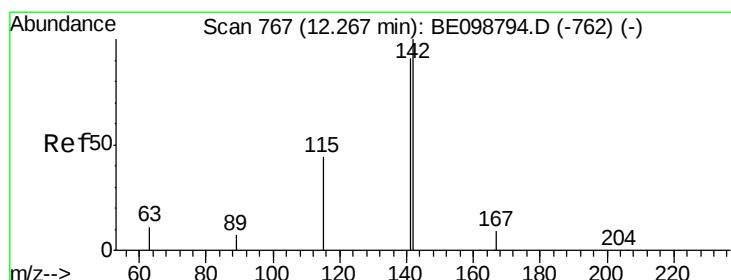
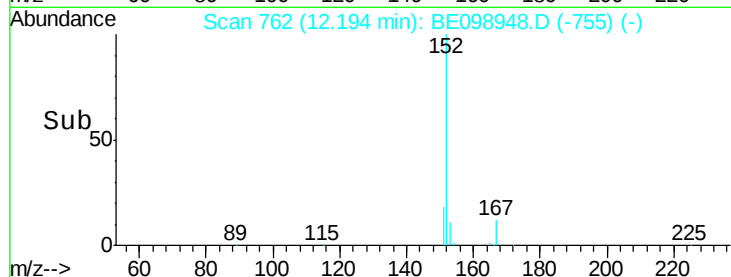
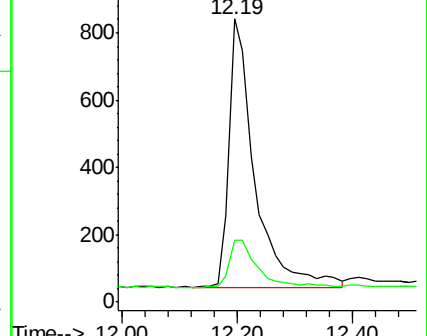
152 100

151 19.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.355 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

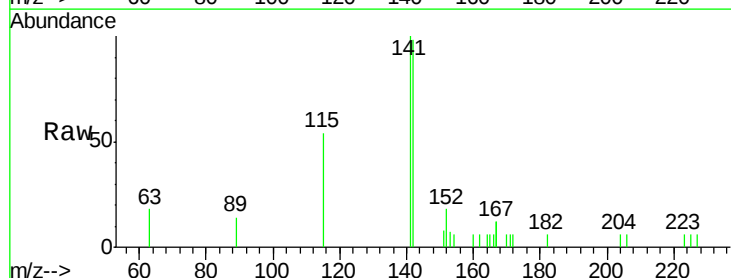
Tgt Ion:142 Resp: 2259

Ion Ratio Lower Upper

142 100

141 101.7 72.6 108.8

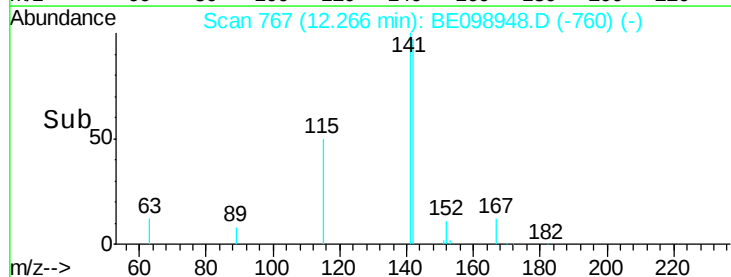
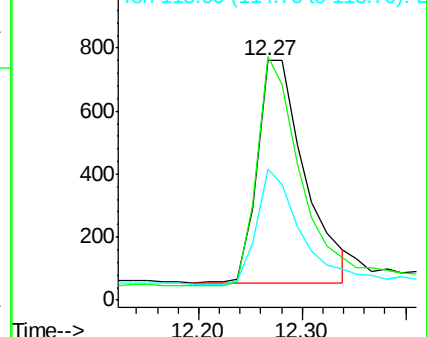
115 54.6 37.4 56.2

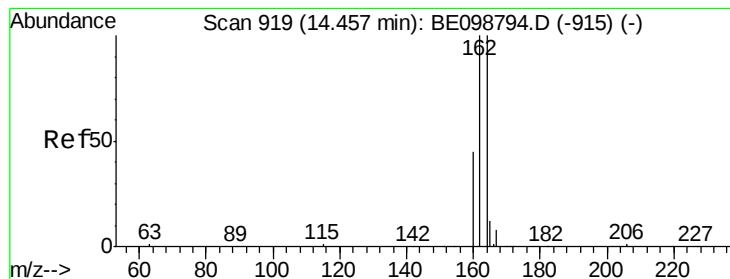


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

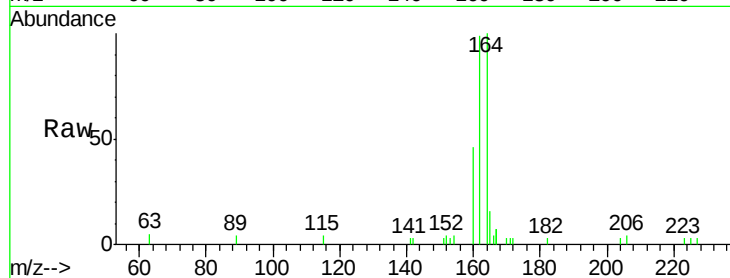
Tgt Ion:164 Resp: 2290

Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.2

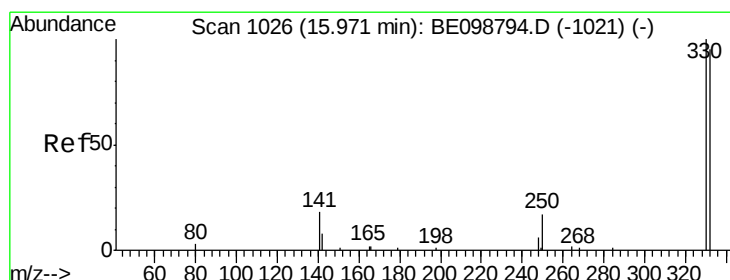
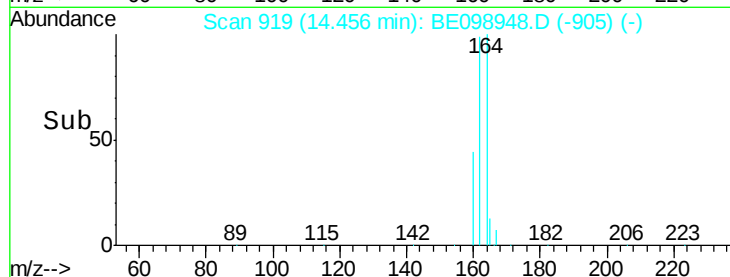
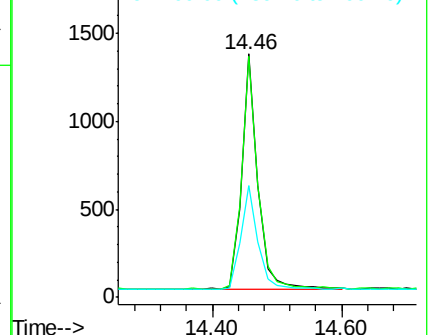
160 45.7 37.8 56.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.270 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

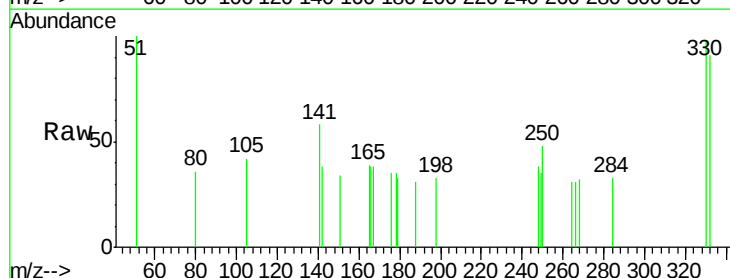
Tgt Ion:330 Resp: 312

Ion Ratio Lower Upper

330 100

332 110.3 77.6 116.4

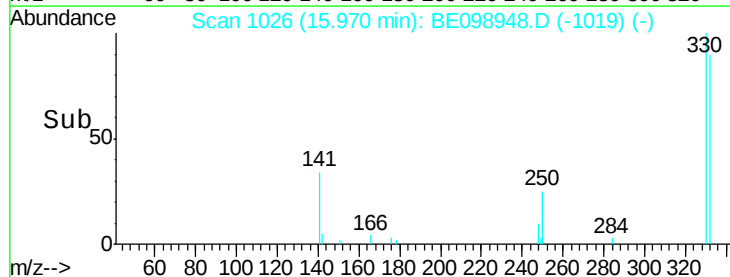
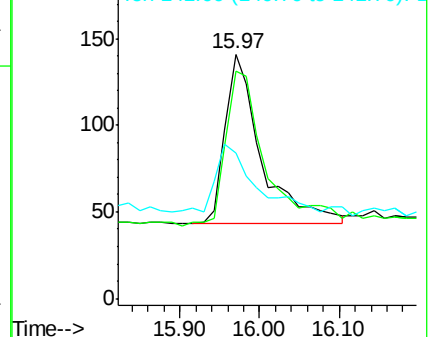
141 43.3 31.0 46.4

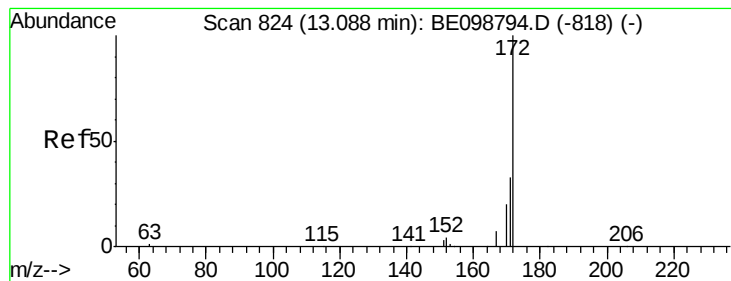


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

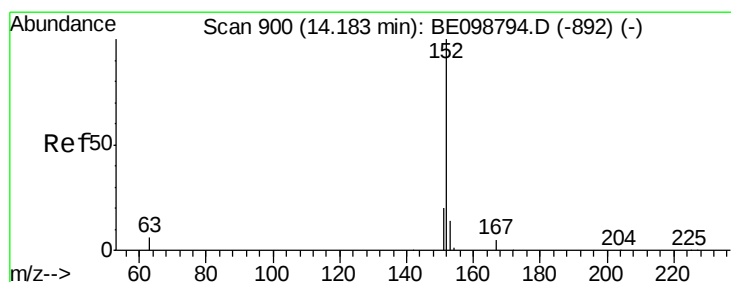
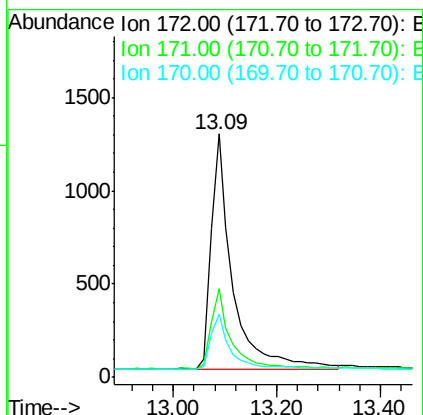
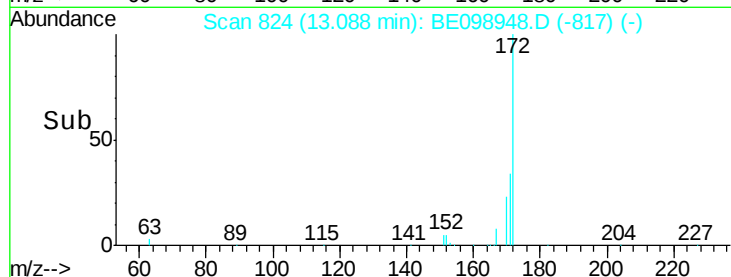
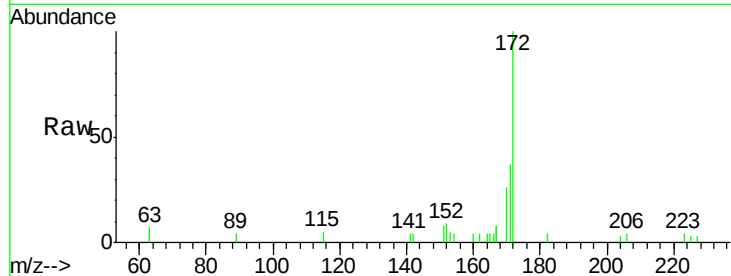




#15  
2-Fluorobiphenyl  
Concen: 0.387 ng  
RT: 13.09 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: BE098948.D  
Acq: 14 Mar 2019 18:02

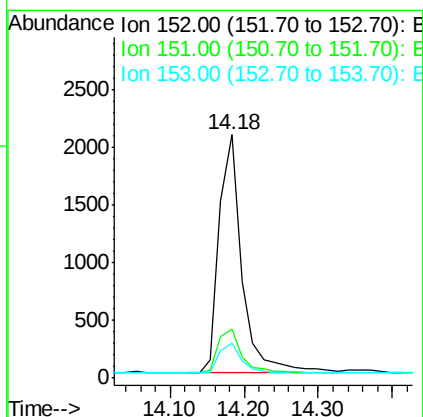
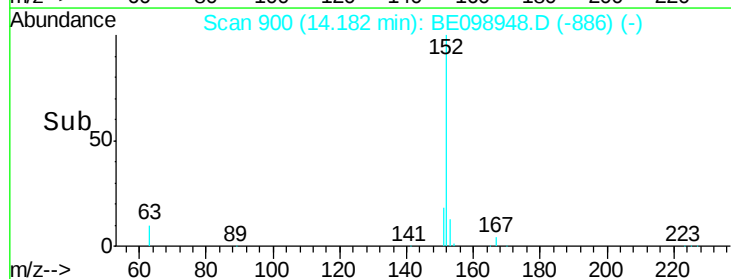
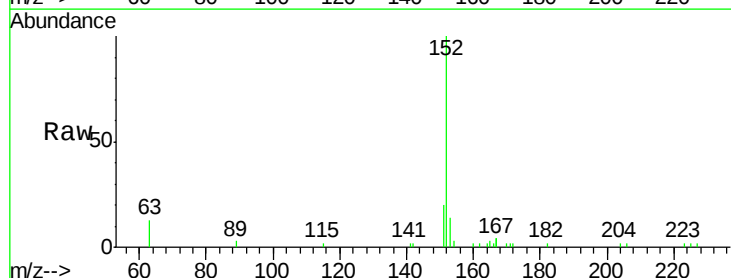
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

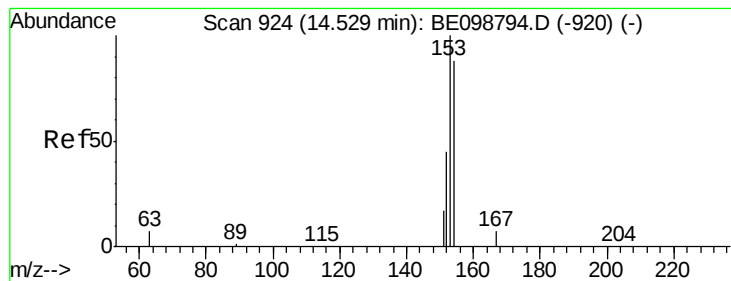
Tgt Ion:172 Resp: 3671  
Ion Ratio Lower Upper  
172 100  
171 36.6 28.0 42.0  
170 26.1 17.7 26.5



#16  
Acenaphthylene  
Concen: 0.378 ng  
RT: 14.18 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: BE098948.D  
Acq: 14 Mar 2019 18:02

Tgt Ion:152 Resp: 4454  
Ion Ratio Lower Upper  
152 100  
151 19.4 17.0 25.6  
153 13.0 11.2 16.8





#17

Acenaphthene

Concen: 0.384 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

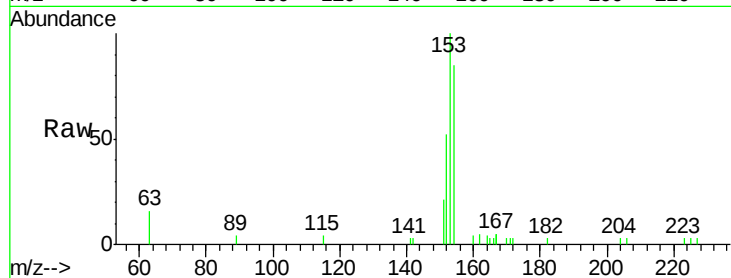
Tgt Ion:154 Resp: 2685

Ion Ratio Lower Upper

154 100

153 116.5 94.2 141.4

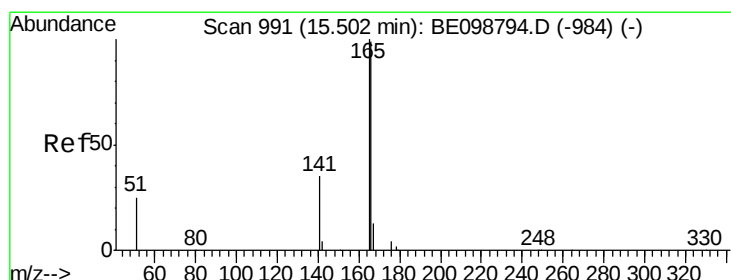
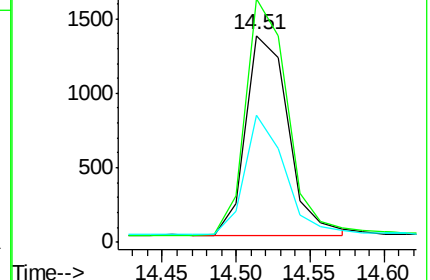
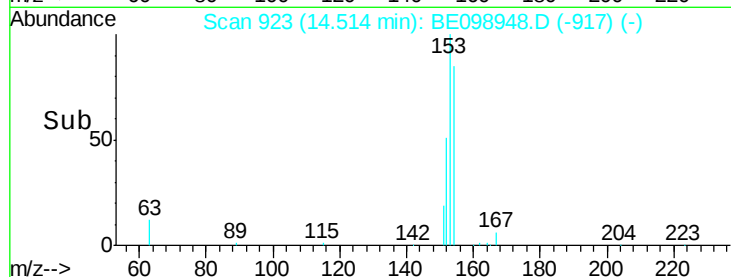
152 55.7 45.0 67.4



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: 0.362 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

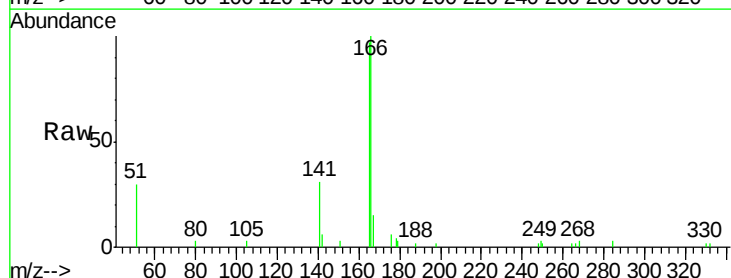
Tgt Ion:166 Resp: 3651

Ion Ratio Lower Upper

166 100

165 100.9 79.3 118.9

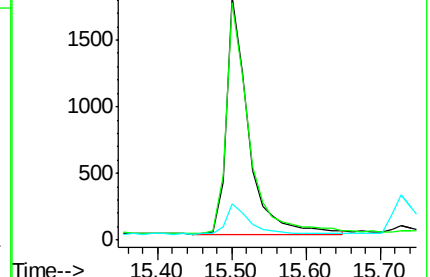
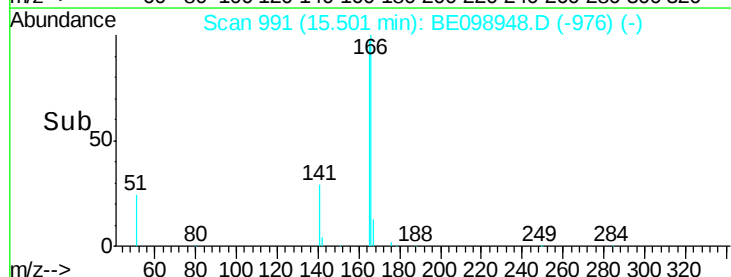
167 13.1 10.5 15.7

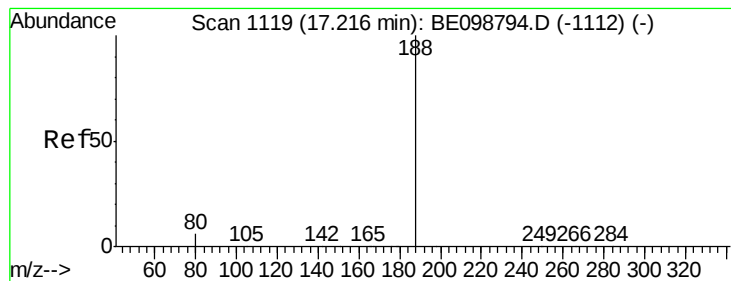


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

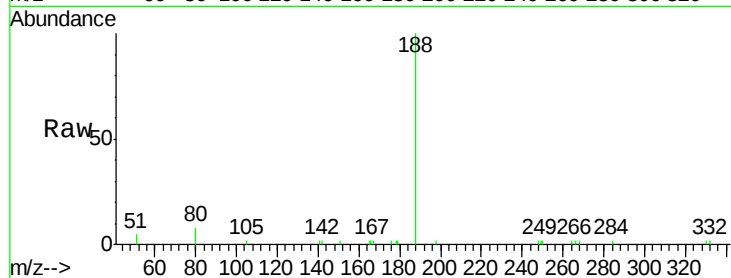
Tgt Ion:188 Resp: 5499

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

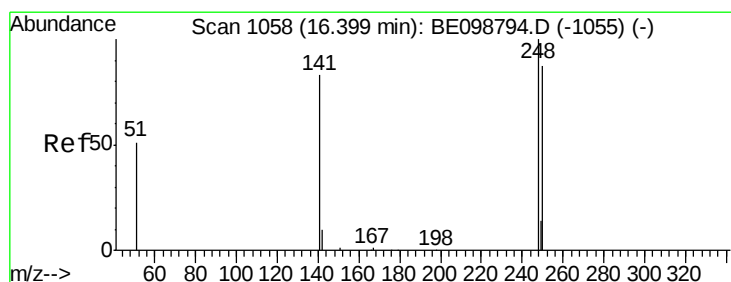
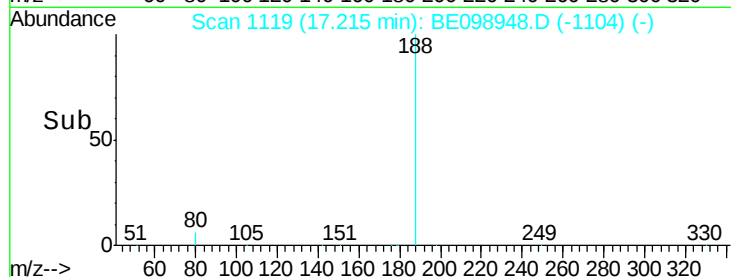
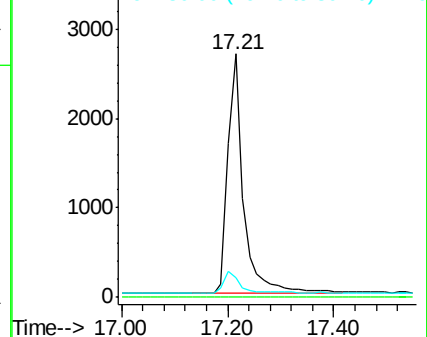
80 7.8 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.350 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

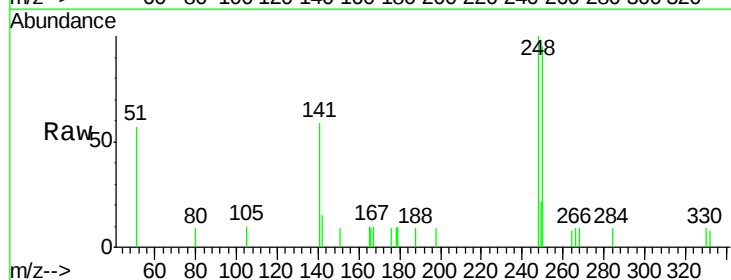
Tgt Ion:248 Resp: 1042

Ion Ratio Lower Upper

248 100

250 94.5 70.6 105.8

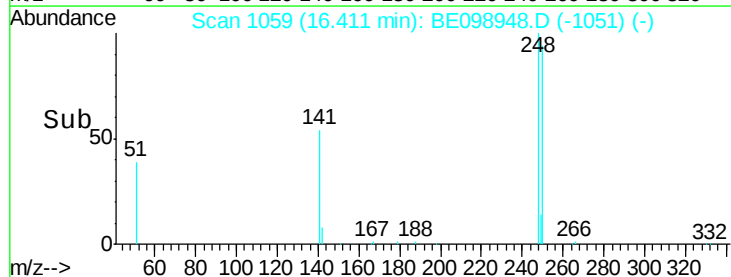
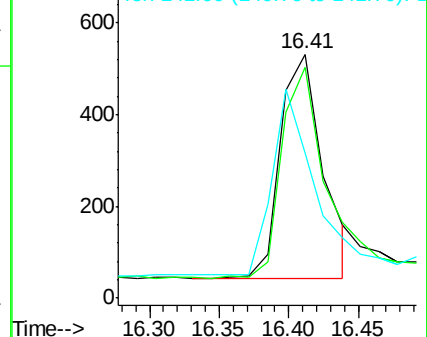
141 59.3 68.6 102.8#

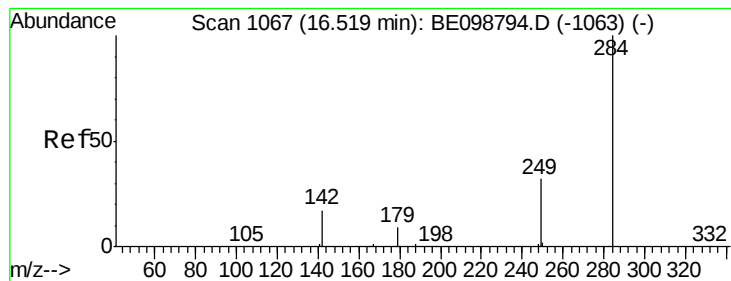


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.396 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

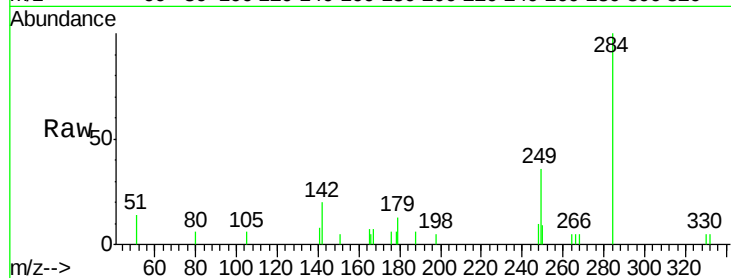
Tgt Ion:284 Resp: 1402

Ion Ratio Lower Upper

284 100

142 35.7 28.7 43.1

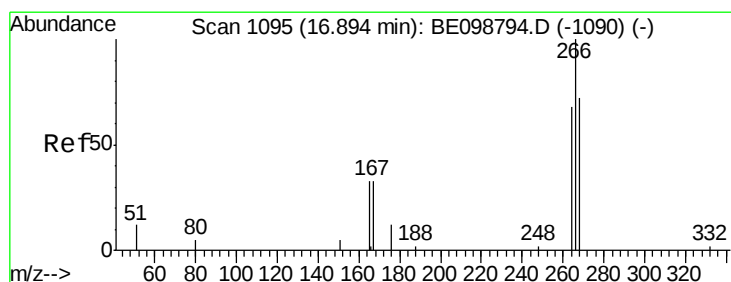
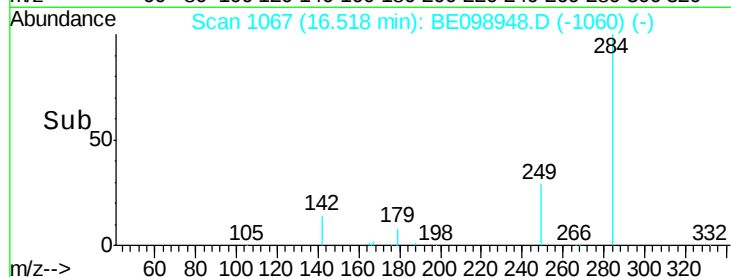
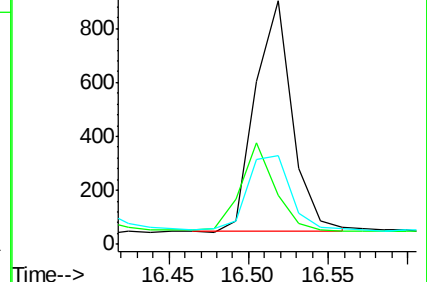
249 35.9 29.6 44.4



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: 0.351 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

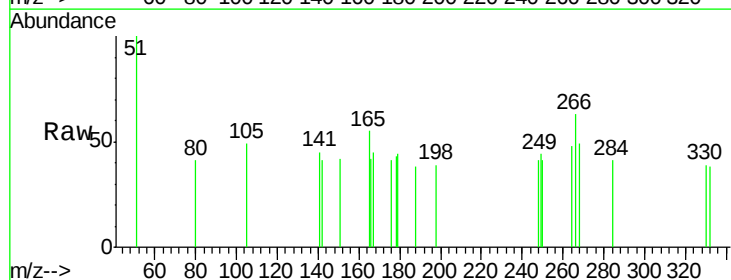
Tgt Ion:266 Resp: 104

Ion Ratio Lower Upper

266 100

264 76.7 66.6 100.0

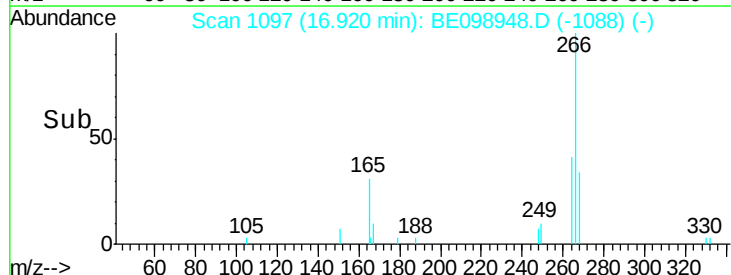
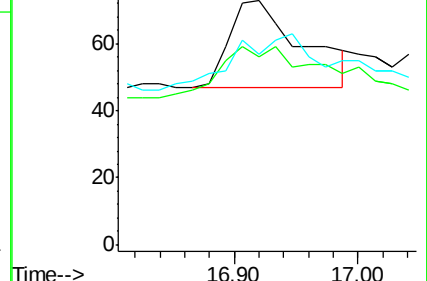
268 78.1 69.8 104.8



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: 0.368 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

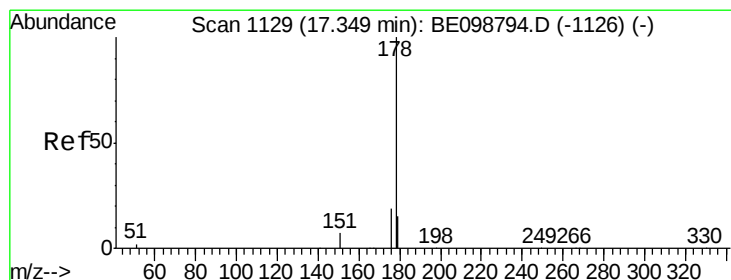
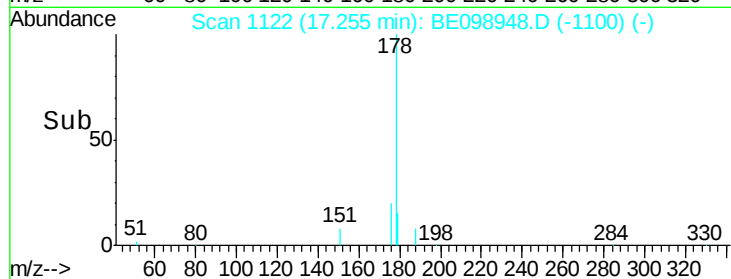
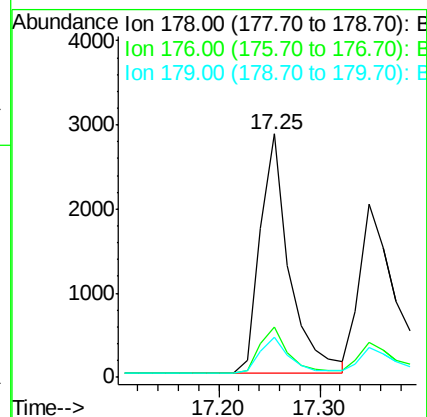
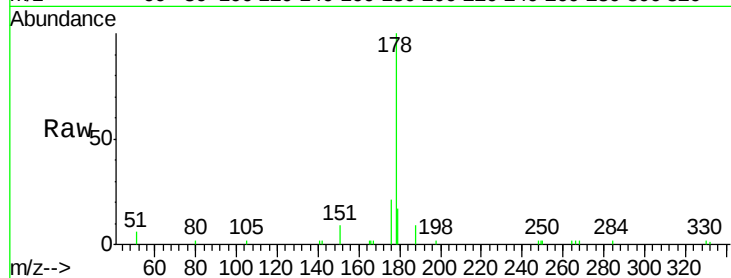
Tgt Ion:178 Resp: 5749

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 15.5 12.1 18.1



#24

Anthracene

Concen: 0.316 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

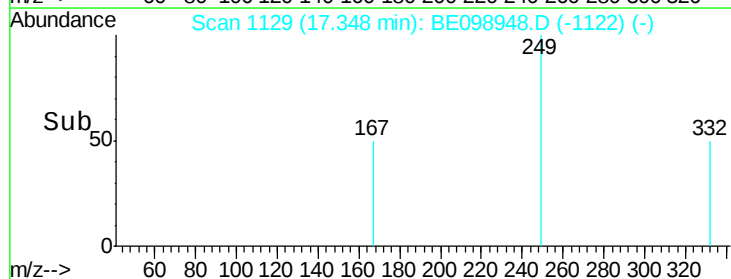
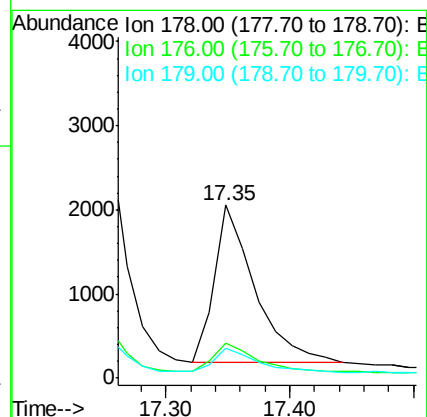
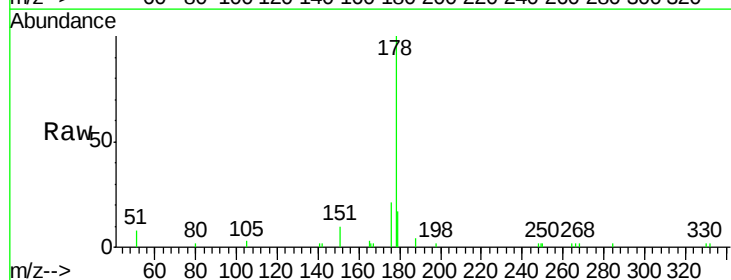
Tgt Ion:178 Resp: 4225

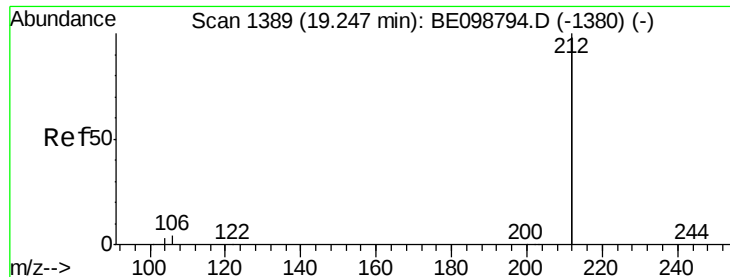
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.6 12.2 18.4

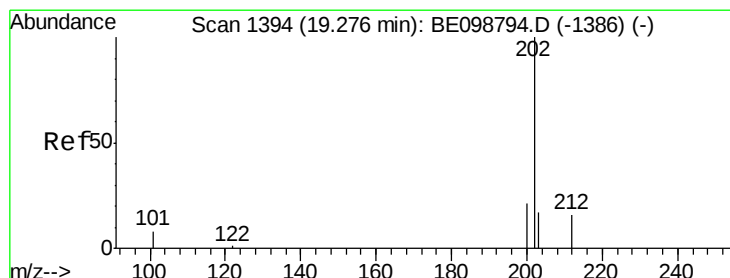
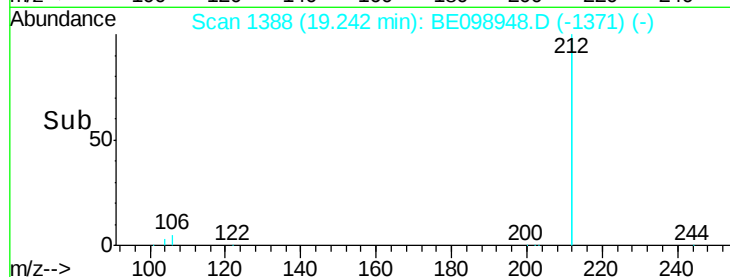
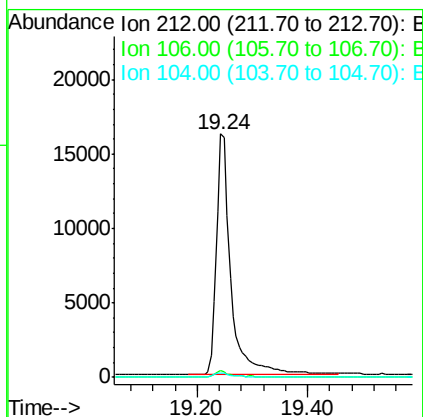
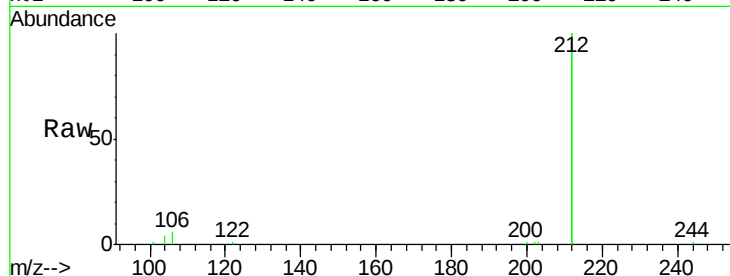




#25  
 Fluoranthene-d10  
 Concen: 0.340 ng  
 RT: 19.24 min Scan# 1388  
 Delta R.T. -0.00 min  
 Lab File: BE098948.D  
 Acq: 14 Mar 2019 18:02

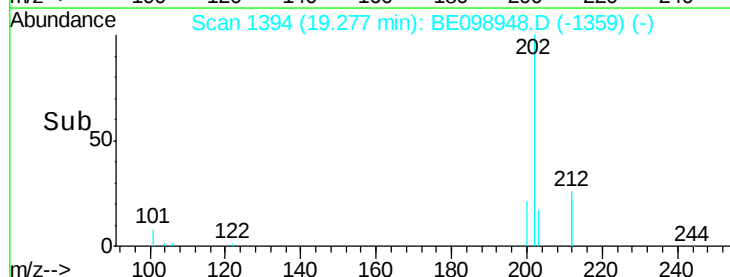
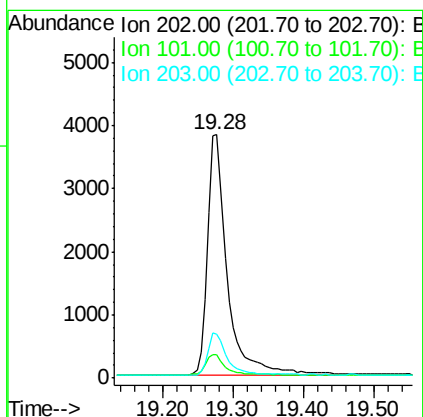
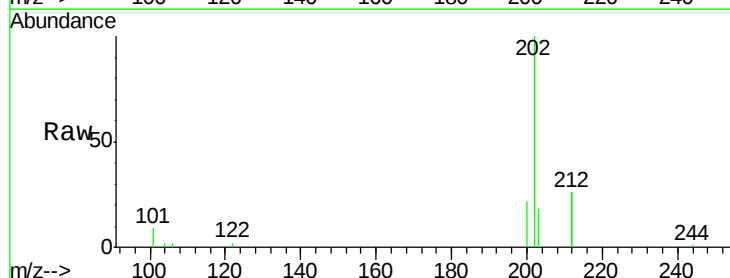
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion: 212 Resp: 29818  
 Ion Ratio Lower Upper  
 212 100  
 106 2.4 1.8 2.8  
 104 1.4 1.0 1.6



#26  
 Fluoranthene  
 Concen: 0.338 ng  
 RT: 19.28 min Scan# 1394  
 Delta R.T. 0.00 min  
 Lab File: BE098948.D  
 Acq: 14 Mar 2019 18:02

Tgt Ion: 202 Resp: 7461  
 Ion Ratio Lower Upper  
 202 100  
 101 9.3 7.3 10.9  
 203 17.0 13.4 20.2

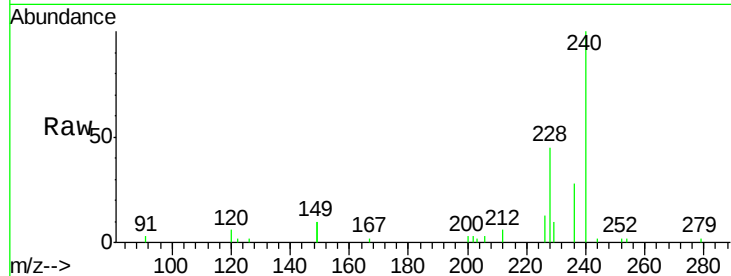




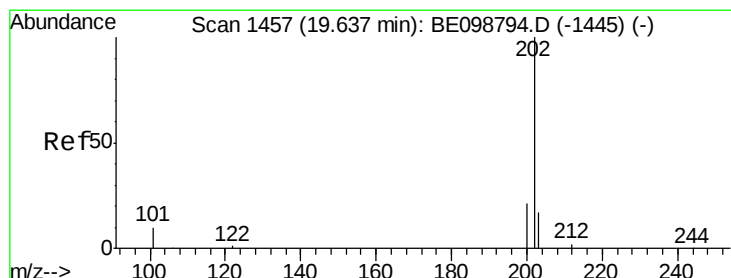
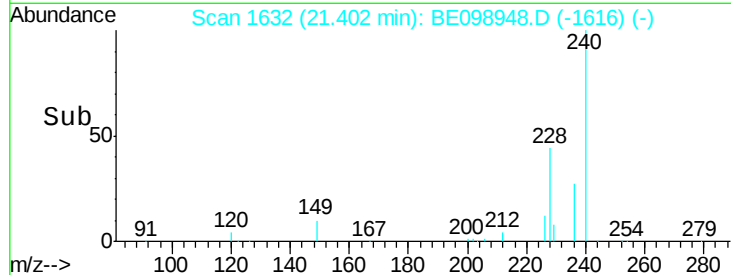
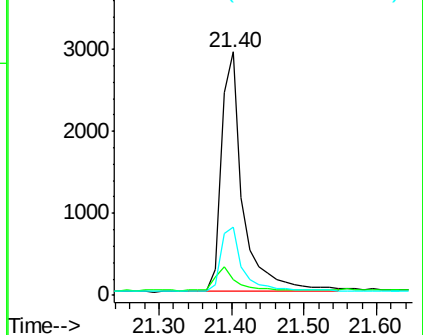
#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.40 min Scan# 1632  
Delta R.T. -0.00 min  
Lab File: BE098948.D  
Acq: 14 Mar 2019 18:02

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:240 Resp: 6095  
Ion Ratio Lower Upper  
240 100  
120 6.5 5.0 7.4  
236 28.1 22.7 34.1

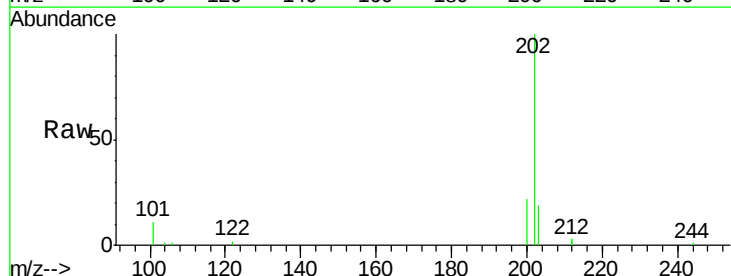


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

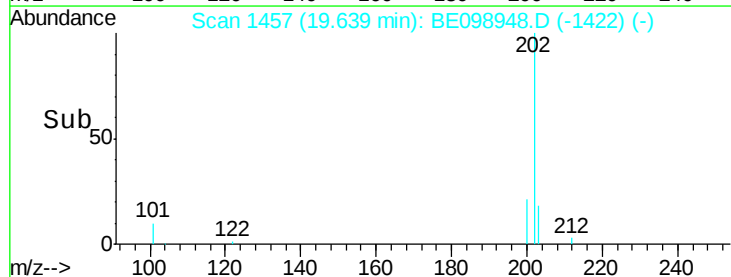
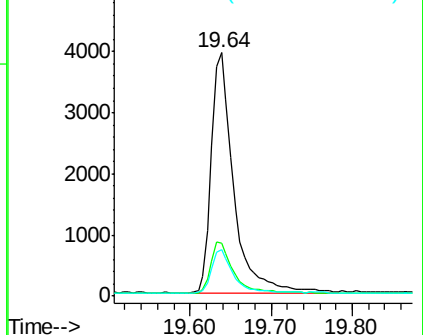


#28  
Pyrene  
Concen: 0.404 ng  
RT: 19.64 min Scan# 1457  
Delta R.T. 0.00 min  
Lab File: BE098948.D  
Acq: 14 Mar 2019 18:02

Tgt Ion:202 Resp: 7536  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.0 25.6  
203 17.5 14.2 21.2



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: 0.378 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

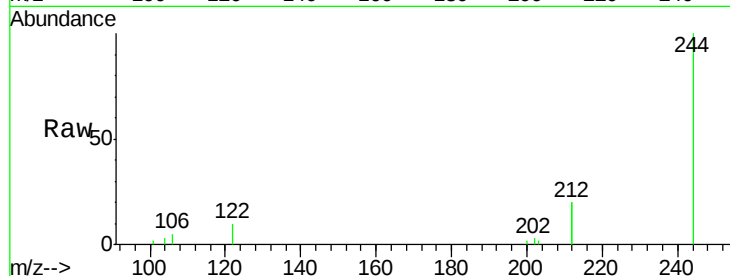
Tgt Ion:244 Resp: 5604

Ion Ratio Lower Upper

244 100

212 39.9 29.4 44.2

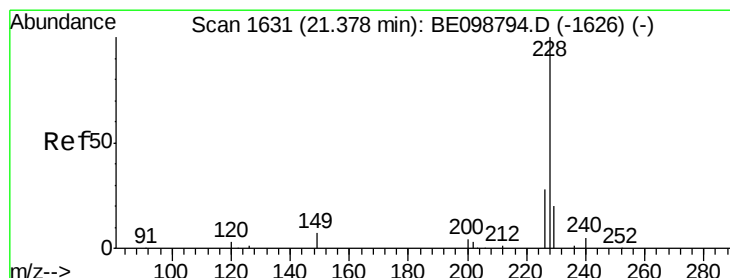
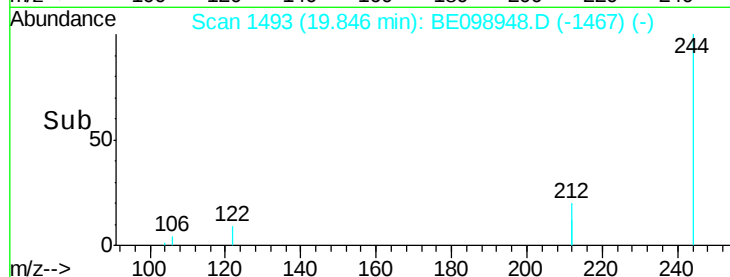
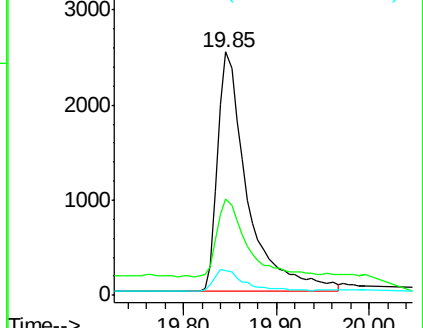
122 10.4 7.1 10.7



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: 0.357 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

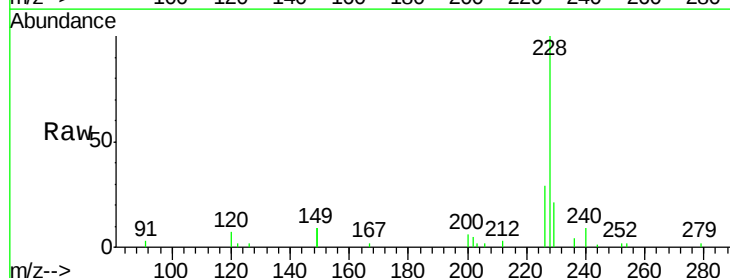
Tgt Ion:228 Resp: 6794

Ion Ratio Lower Upper

228 100

226 29.5 23.0 34.4

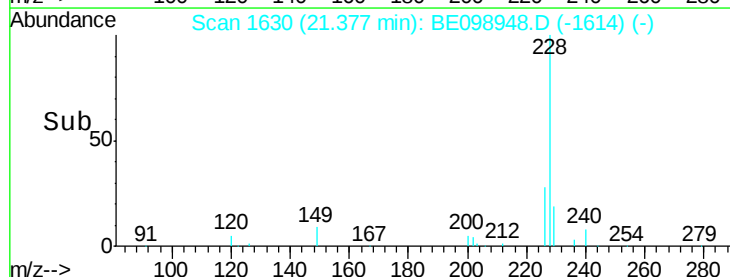
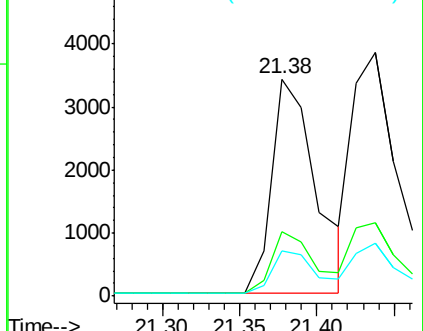
229 20.6 16.5 24.7

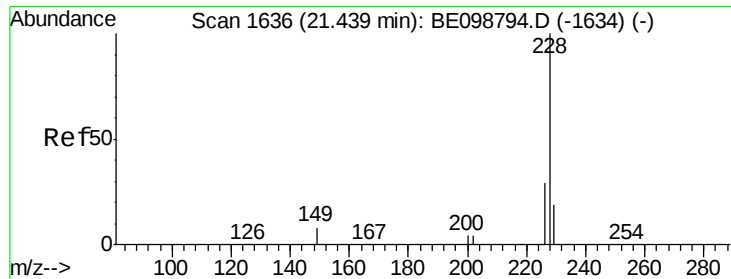


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.381 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

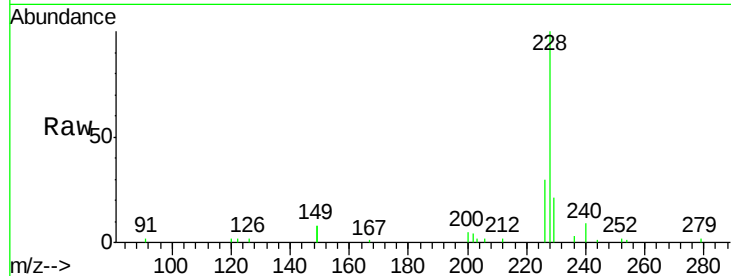
Tgt Ion:228 Resp: 7745

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

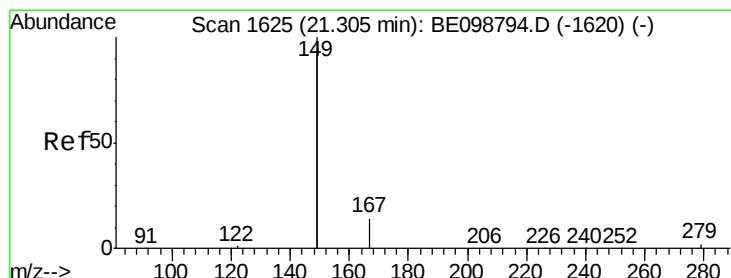
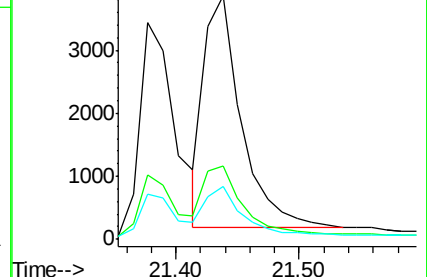
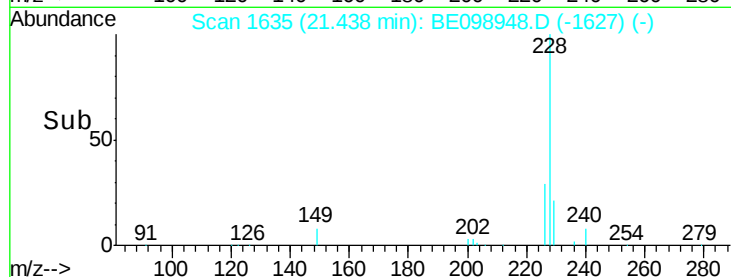
229 21.5 16.1 24.1



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: 0.300 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

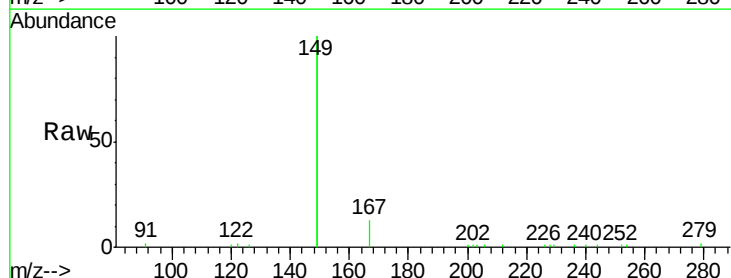
Tgt Ion:149 Resp: 12145

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

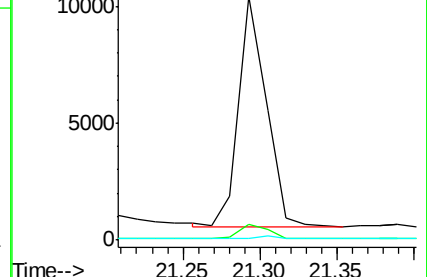
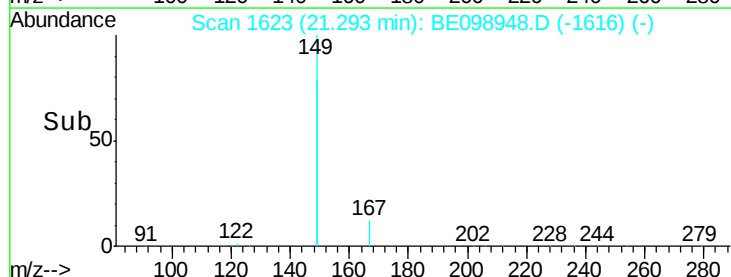
279 1.3 1.0 1.4

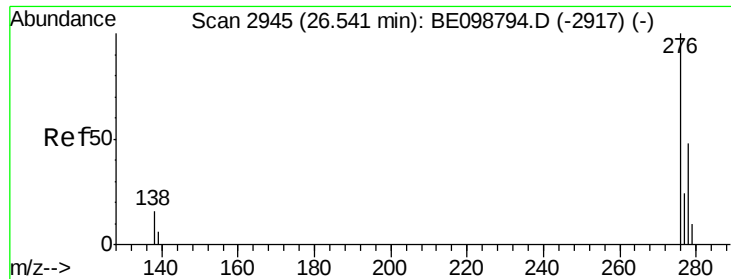


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

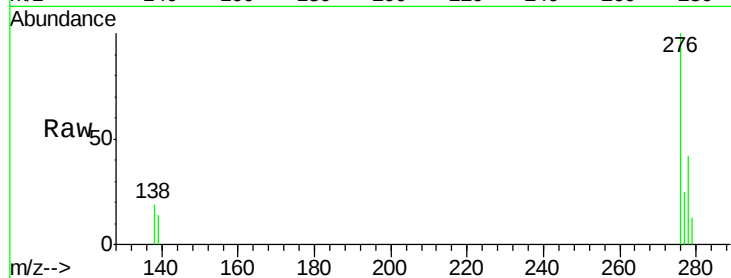




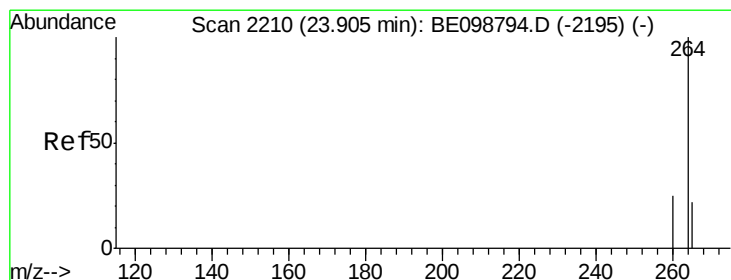
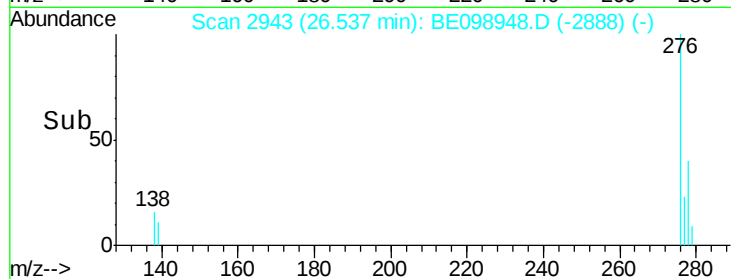
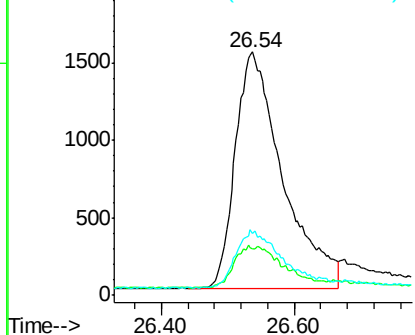
#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.353 ng  
 RT: 26.54 min Scan# 2943  
 Delta R.T. -0.00 min  
 Lab File: BE098948.D  
 Acq: 14 Mar 2019 18:02

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTCCCC0.4

Tgt Ion: 276 Resp: 7583  
 Ion Ratio Lower Upper  
 276 100  
 138 7.0 13.8 20.8#  
 277 23.1 19.5 29.3

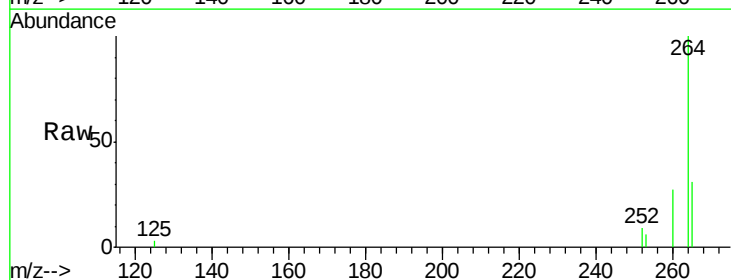


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

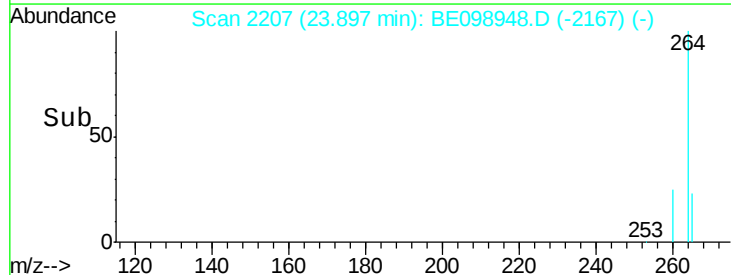
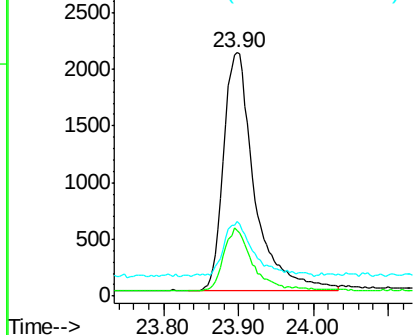


#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.90 min Scan# 2207  
 Delta R.T. -0.01 min  
 Lab File: BE098948.D  
 Acq: 14 Mar 2019 18:02

Tgt Ion: 264 Resp: 6041  
 Ion Ratio Lower Upper  
 264 100  
 260 26.9 21.2 31.8  
 265 30.6 24.6 36.8



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

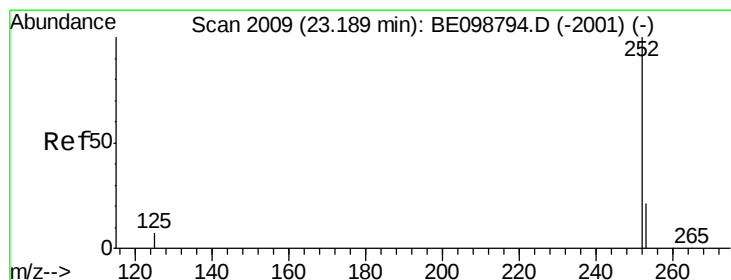
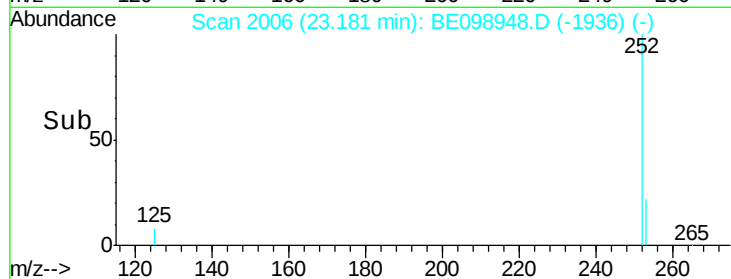
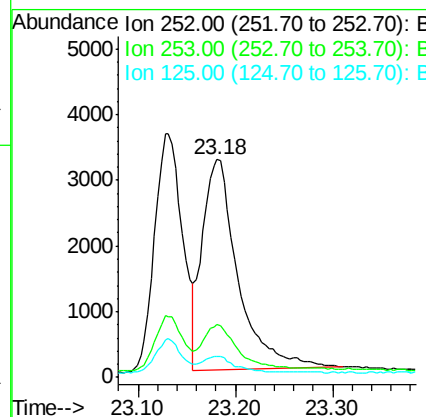
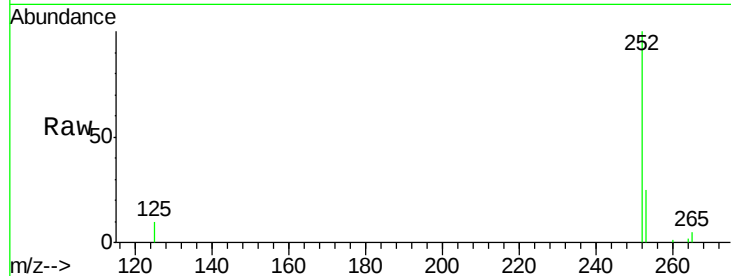




#35  
Benzo(b)fluoranthene  
Concen: 0.410 ng  
RT: 23.18 min Scan# 2006  
Delta R.T. 0.05 min  
Lab File: BE098948.D  
Acq: 14 Mar 2019 18:02

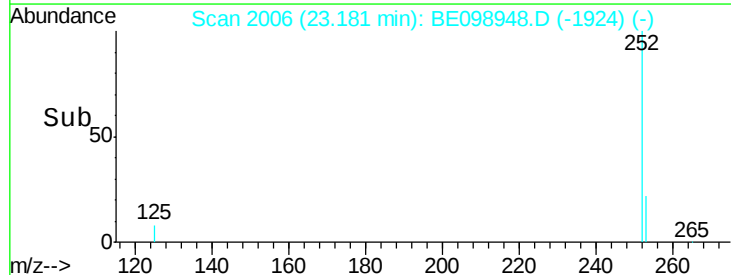
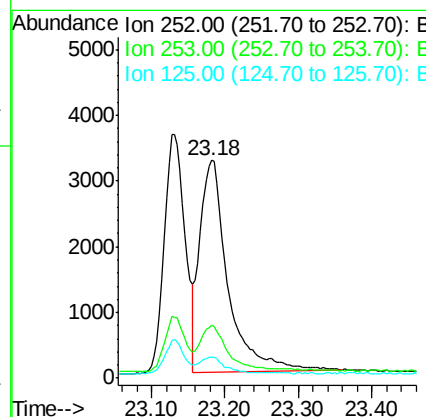
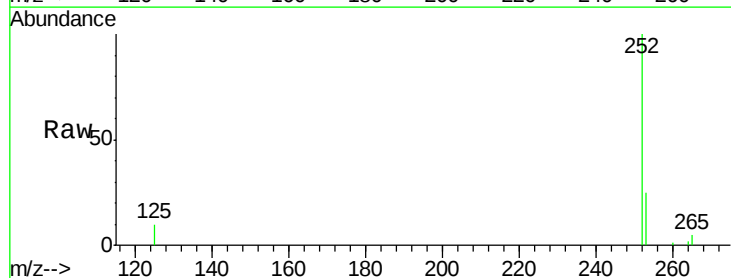
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

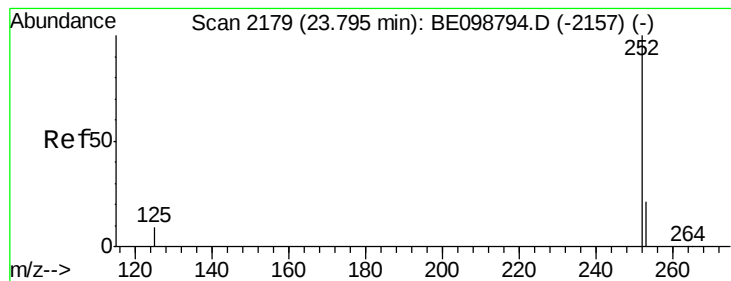
Tgt Ion:252 Resp: 8137  
Ion Ratio Lower Upper  
252 100  
253 24.5 18.2 27.2  
125 9.5 7.3 10.9



#36  
Benzo(k)fluoranthene  
Concen: 0.412 ng  
RT: 23.18 min Scan# 2006  
Delta R.T. -0.01 min  
Lab File: BE098948.D  
Acq: 14 Mar 2019 18:02

Tgt Ion:252 Resp: 8566  
Ion Ratio Lower Upper  
252 100  
253 24.5 19.3 28.9  
125 9.5 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.373 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

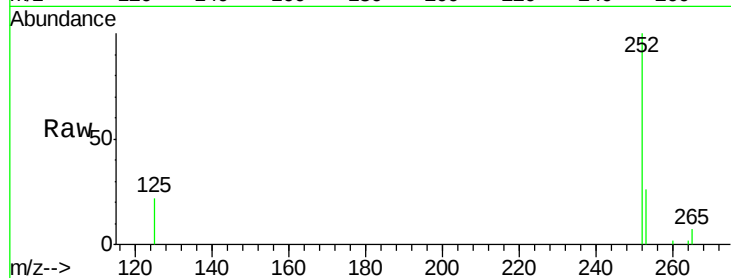
Tgt Ion:252 Resp: 7096

Ion Ratio Lower Upper

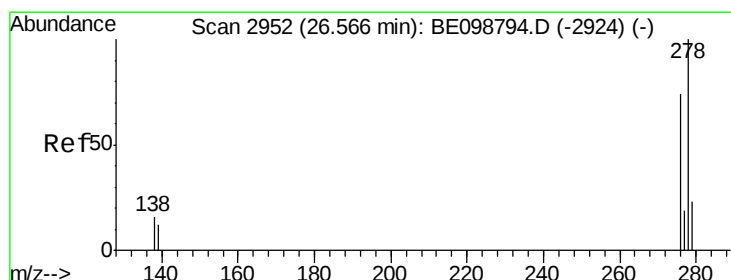
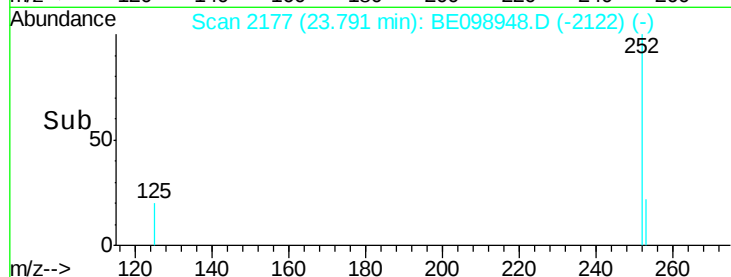
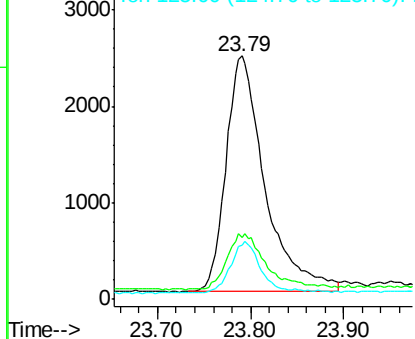
252 100

253 25.6 19.9 29.9

125 22.2 9.0 13.4#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.304 ng

RT: 26.57 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BE098948.D

Acq: 14 Mar 2019 18:02

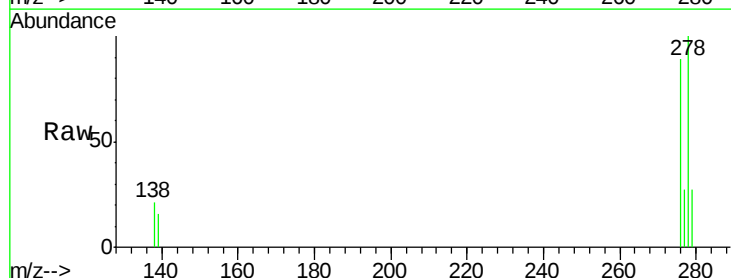
Tgt Ion:278 Resp: 5484

Ion Ratio Lower Upper

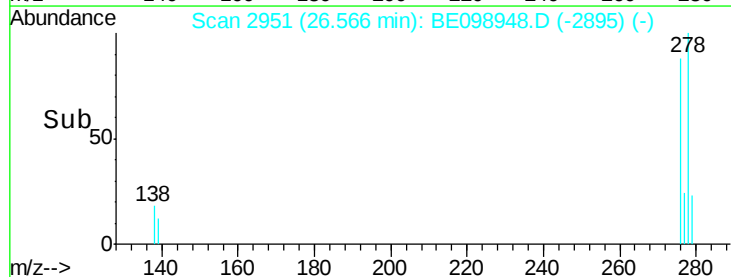
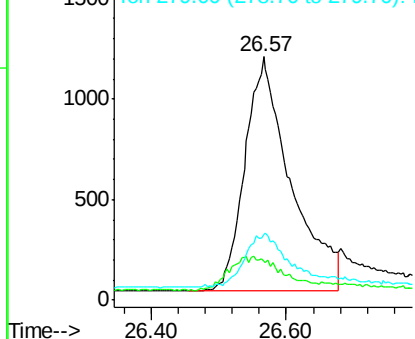
278 100

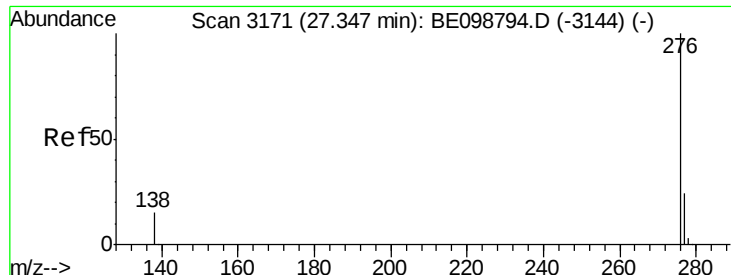
139 16.2 11.8 17.6

279 27.0 21.1 31.7



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: 0.343 ng

RT: 27.34 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BE098948.D

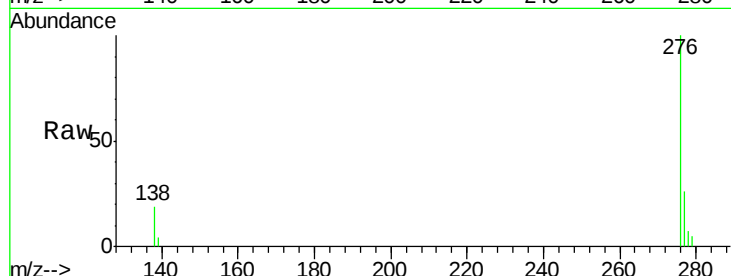
Acq: 14 Mar 2019 18:02

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4



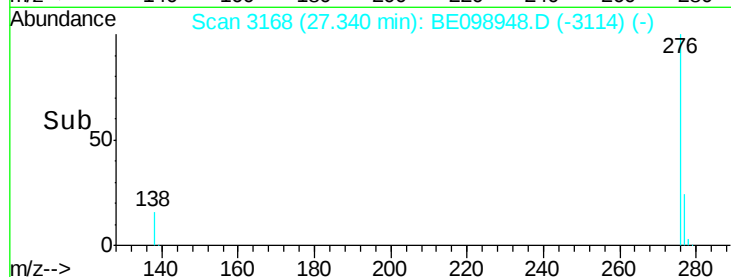
Tgt Ion: 276 Resp: 6465

Ion Ratio Lower Upper

276 100

277 26.1 20.4 30.6

138 19.0 13.6 20.4



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

