

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092019\  
 Data File : BE100529.D  
 Acq On : 20 Sep 2019 15:48  
 Operator : HP/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Sep 20 16:35:22 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 20 16:06:36 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.86  | 152  | 6671     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.65 | 136  | 30474    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.48 | 164  | 17357    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.20 | 188  | 37463    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.37 | 240  | 43607    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.83 | 264  | 46679    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.44  | 112 | 11823  | 0.68 | ng | 0.00 |
| 5) Phenol-d6                | 7.02  | 99  | 16183  | 0.70 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.00  | 82  | 13022  | 0.78 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.24 | 152 | 34367  | 0.75 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.96 | 330 | 2263   | 0.68 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.12 | 172 | 47669  | 0.79 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.22 | 212 | 331985 | 0.72 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.82 | 244 | 79703  | 0.79 | ng | 0.00 |

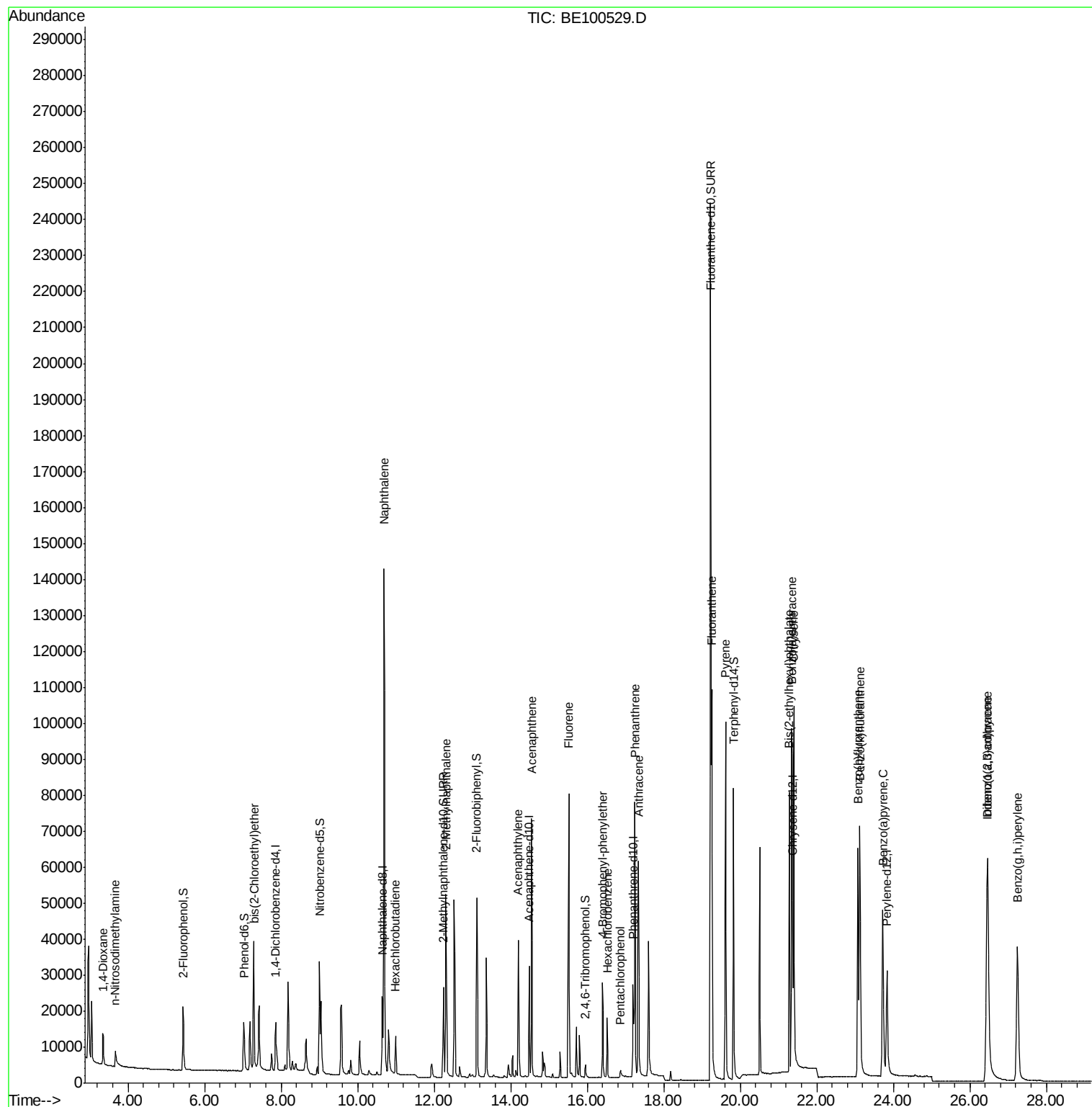
|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.35  | 88  | 7117   | 0.690  | ng | 95   |
| 3) n-Nitrosodimethylamine      | 3.67  | 42  | 3910   | 0.674  | ng | # 98 |
| 6) bis(2-Chloroethyl)ether     | 7.29  | 93  | 16102  | 0.746  | ng | 90   |
| 9) Naphthalene                 | 10.69 | 128 | 240438 | 0.778  | ng | 100  |
| 10) Hexachlorobutadiene        | 10.99 | 225 | 7626   | 0.784  | ng | 99   |
| 12) 2-Methylnaphthalene        | 12.31 | 142 | 38085  | 0.764  | ng | 100  |
| 16) Acenaphthylene             | 14.20 | 152 | 53414  | 0.741  | ng | 99   |
| 17) Acenaphthene               | 14.54 | 154 | 36871  | 0.778  | ng | 98   |
| 18) Fluorene                   | 15.51 | 166 | 46040  | 0.763  | ng | 99   |
| 20) 4-Bromophenyl-phenylether  | 16.40 | 248 | 13398  | 0.781  | ng | 95   |
| 21) Hexachlorobenzene          | 16.52 | 284 | 11703  | 0.801  | ng | 97   |
| 22) Pentachlorophenol          | 16.87 | 266 | 2068   | 0.565  | ng | 99   |
| 23) Phenanthrene               | 17.24 | 178 | 78961  | 0.771  | ng | 99   |
| 24) Anthracene                 | 17.33 | 178 | 65325  | 0.751  | ng | 99   |
| 26) Fluoranthene               | 19.25 | 202 | 95877  | 0.773  | ng | 99   |
| 28) Pyrene                     | 19.62 | 202 | 95656  | 0.777  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.34 | 228 | 85730  | 0.712  | ng | 99   |
| 31) Chrysene                   | 21.40 | 228 | 104884 | 0.822  | ng | 99   |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 95970  | 0.666  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 26.45 | 276 | 112728 | 0.747  | ng | 100  |
| 35) Benzo(b)fluoranthene       | 23.07 | 252 | 97242  | 0.795  | ng | 99   |
| 36) Benzo(k)fluoranthene       | 23.12 | 252 | 111727 | 0.784  | ng | 99   |
| 37) Benzo(a)pyrene             | 23.73 | 252 | 89305  | 0.765  | ng | 99   |
| 38) Dibenzo(a,h)anthracene     | 26.47 | 278 | 92982  | 0.771  | ng | 99   |
| 39) Benzo(g,h,i)perylene       | 27.24 | 276 | 97320  | 0.782  | ng | 99   |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092019\  
Data File : BE100529.D  
Acq On : 20 Sep 2019 15:48  
Operator : HP/JU  
Sample : SSTDICC0.8  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC0.8

Quant Time: Sep 20 16:35:22 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 20 16:06:36 2019  
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: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

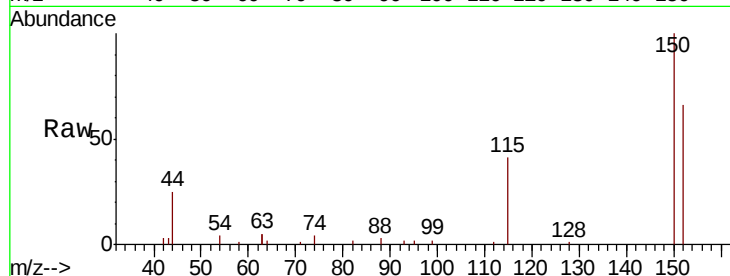
Tot Ion:152 Resp: 6671

Ion Ratio Lower Upper

152 100

150 152.3 121.6 182.4

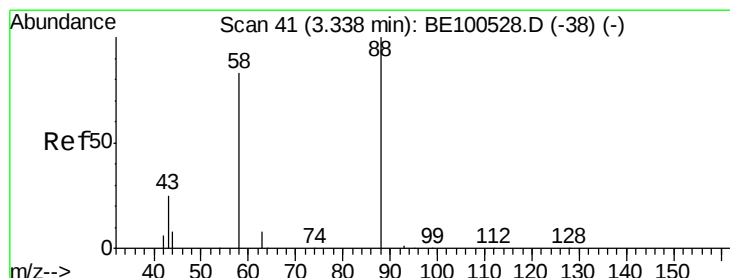
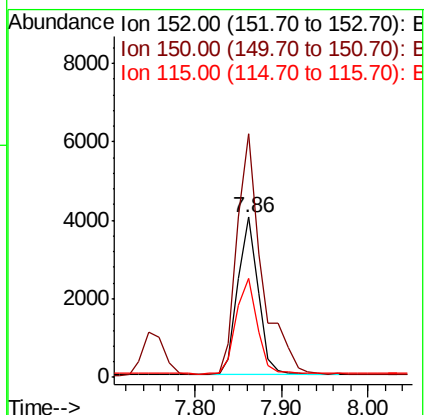
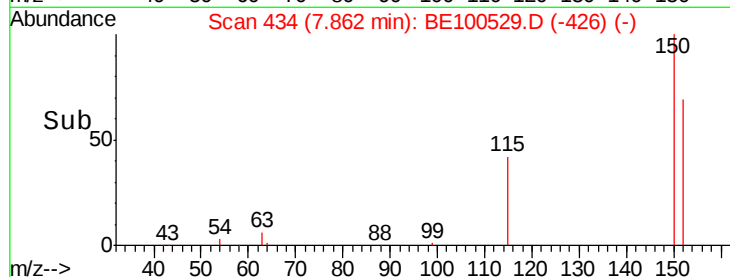
115 61.9 48.2 72.4



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: 0.690 ng

RT: 3.35 min Scan# 42

Delta R.T. 0.01 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

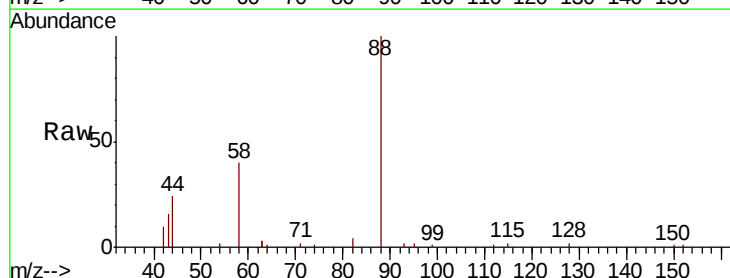
Tgt Ion: 88 Resp: 7117

Ion Ratio Lower Upper

88 100

58 71.0 53.3 79.9

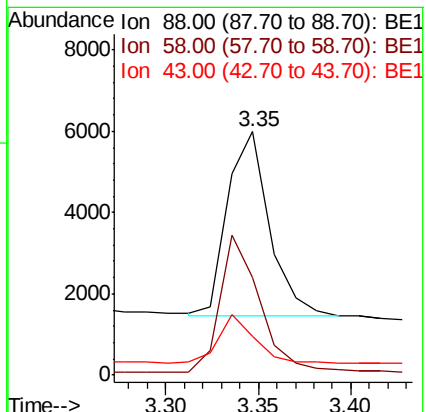
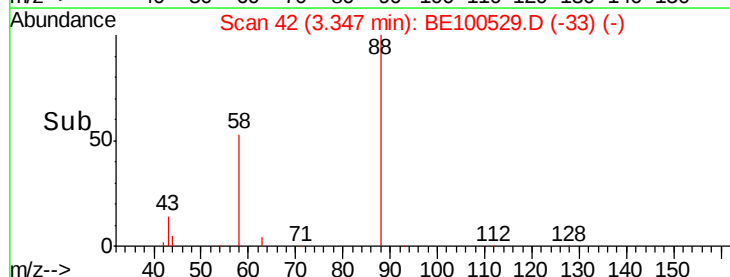
43 22.4 16.9 25.3

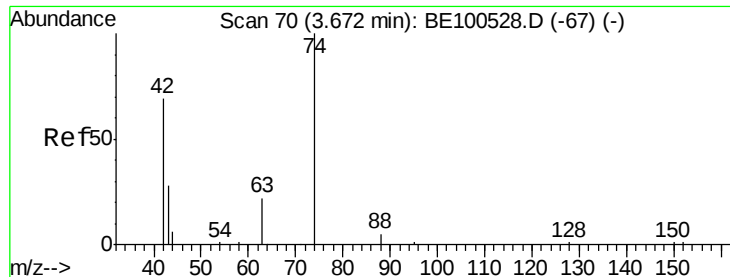


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.674 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

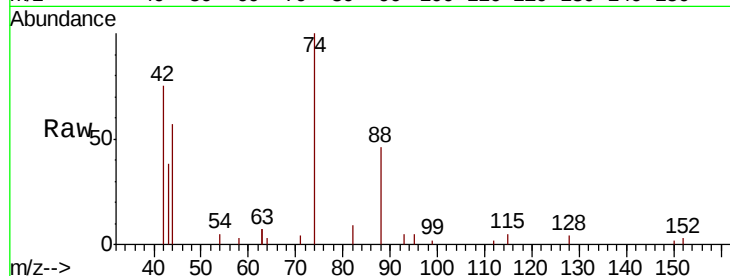
Tot Ion: 42 Resp: 3910

Ion Ratio Lower Upper

42 100

74 165.2 133.8 200.6

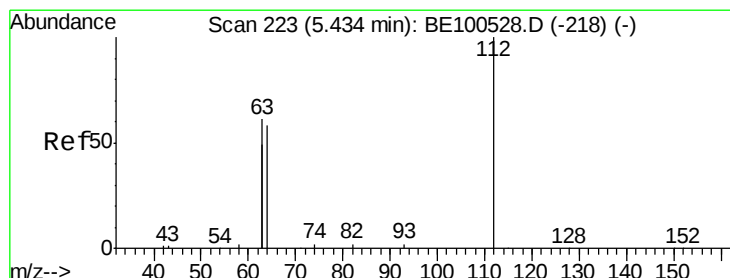
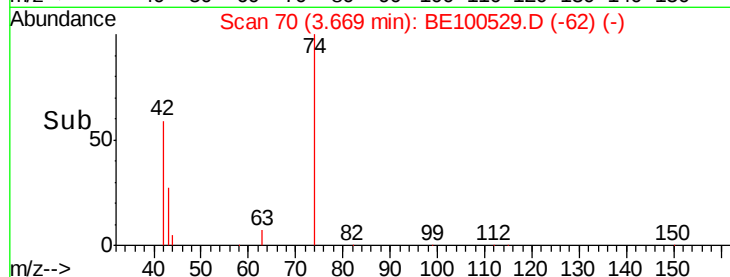
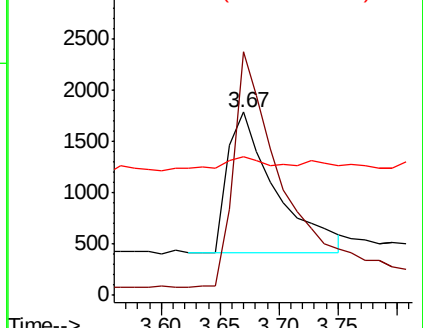
44 11.8 6.4 9.6#



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.677 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.01 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

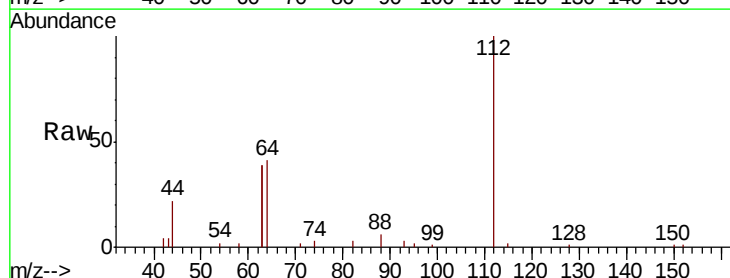
Tgt Ion: 112 Resp: 11823

Ion Ratio Lower Upper

112 100

64 56.5 44.1 66.1

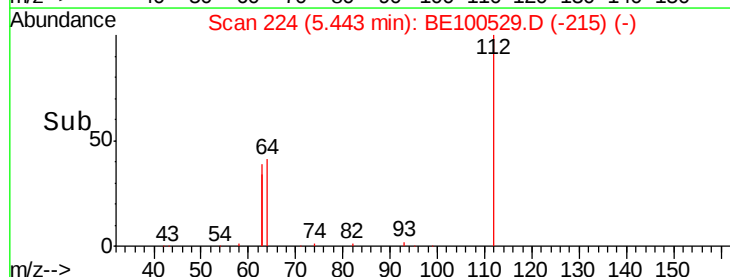
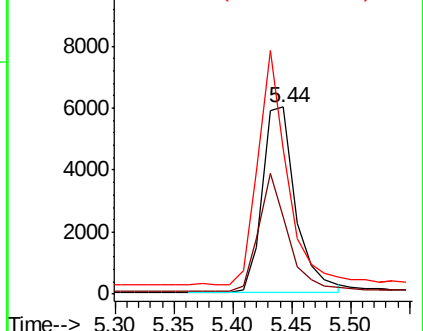
63 110.4 86.5 129.7

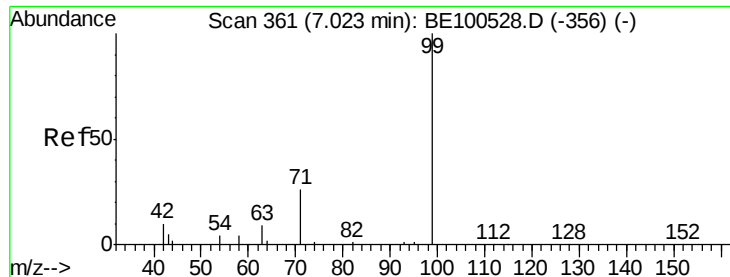


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.698 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

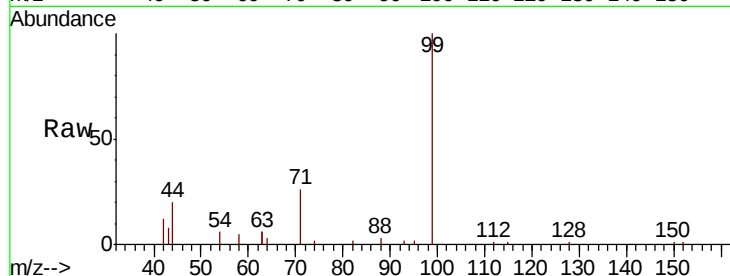
Tot Ion: 99 Resp: 16183

Ion Ratio Lower Upper

99 100

42 15.1 13.0 19.6

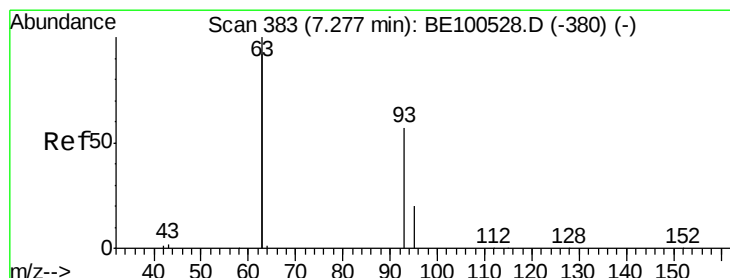
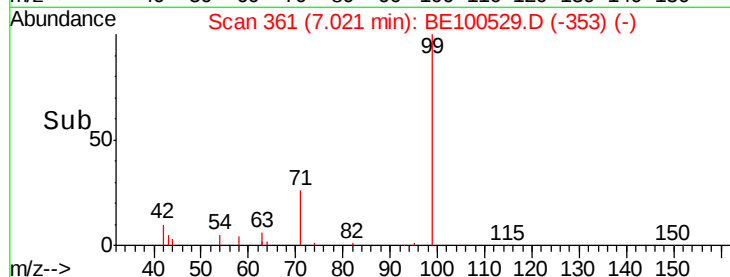
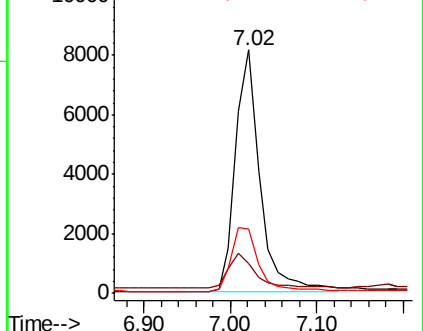
71 29.3 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.746 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.01 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

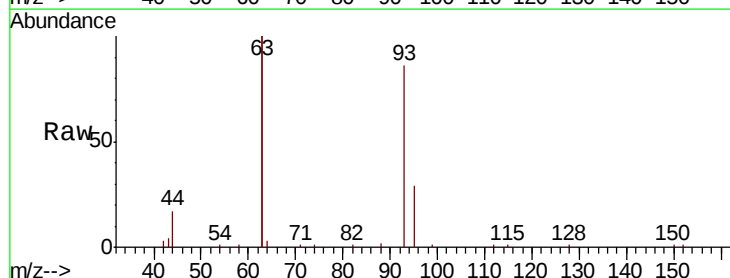
Tgt Ion: 93 Resp: 16102

Ion Ratio Lower Upper

93 100

63 285.6 213.4 320.0

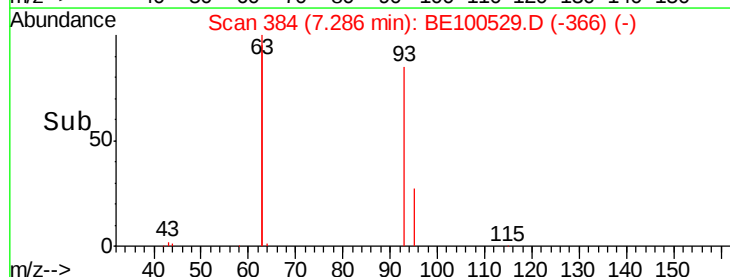
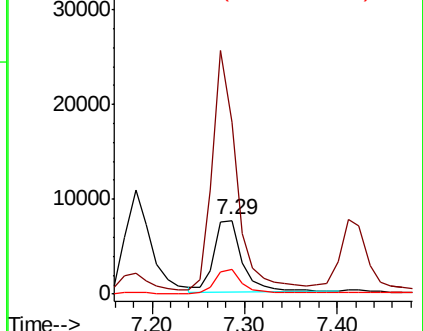
95 31.3 23.7 35.5

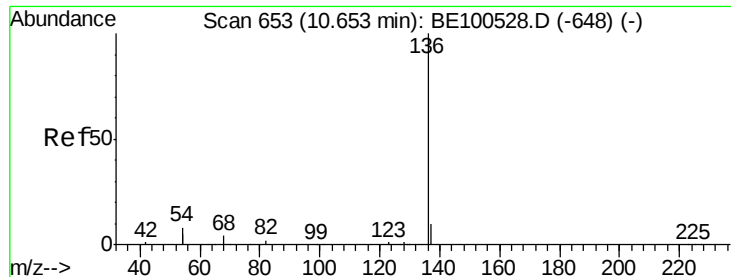


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 30474

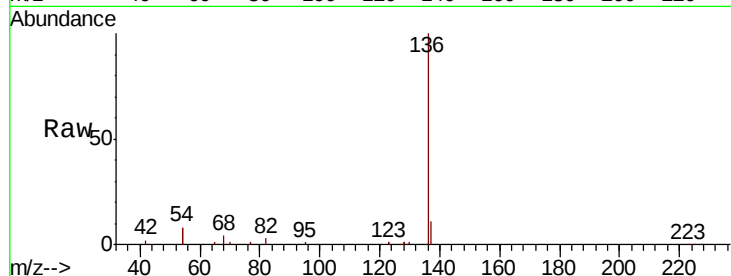
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 16.1 12.4 18.6

68 3.9 3.3 4.9

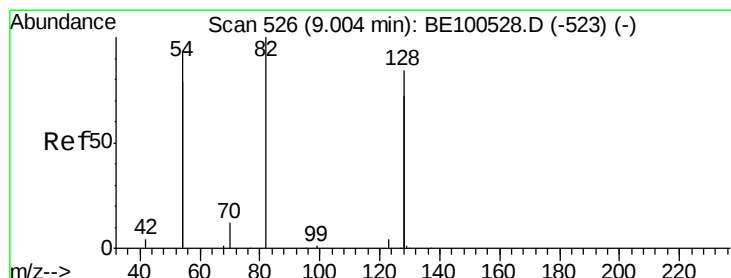
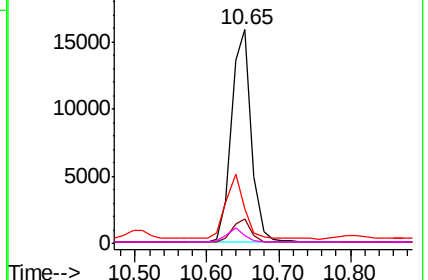
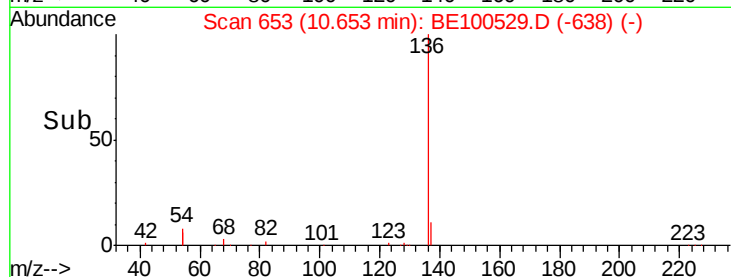


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.777 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

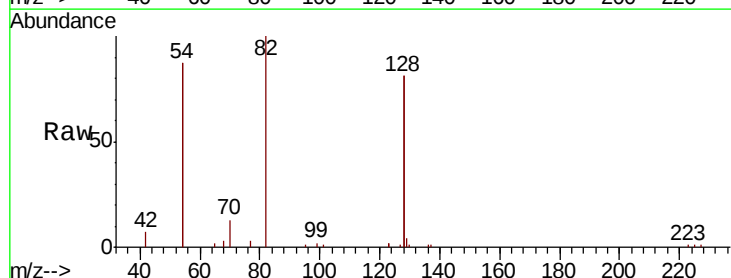
Tgt Ion: 82 Resp: 13022

Ion Ratio Lower Upper

82 100

128 161.7 129.4 194.2

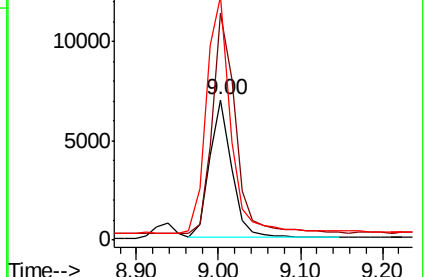
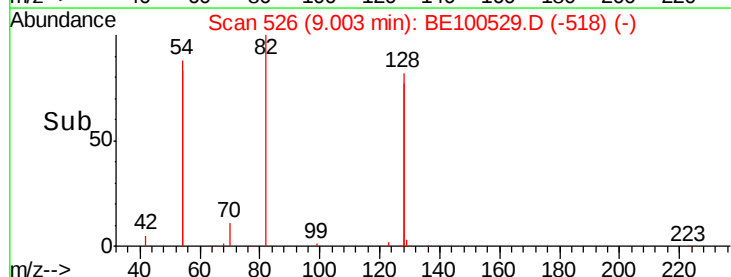
54 173.2 143.3 214.9

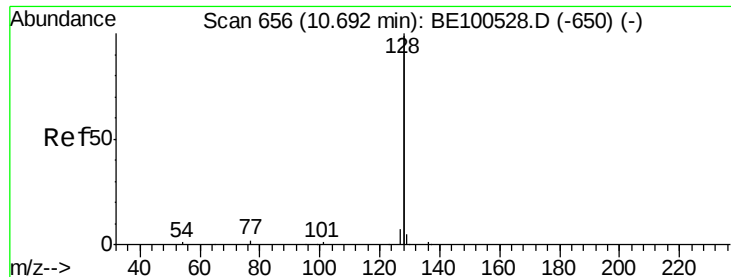


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.778 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

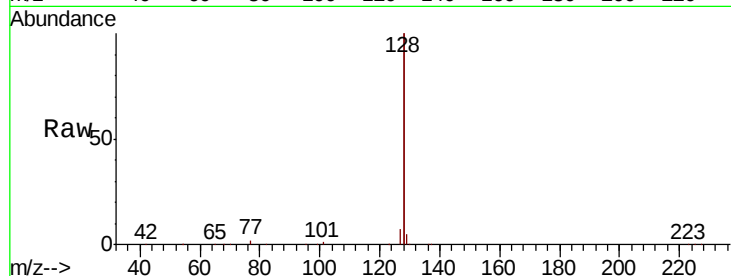
Tot Ion:128 Resp: 240438

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.4

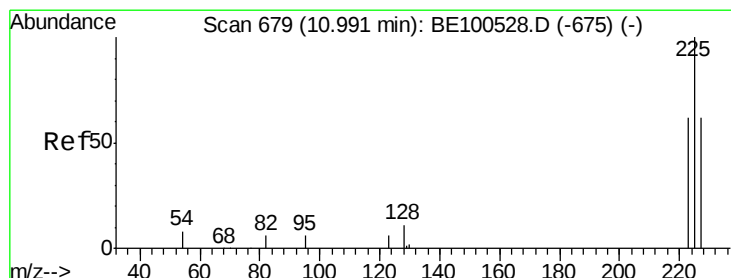
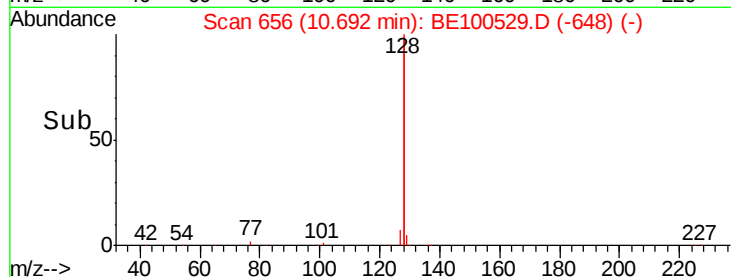
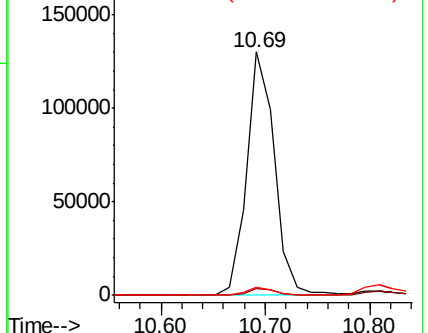
127 3.3 2.7 4.1



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: 0.784 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

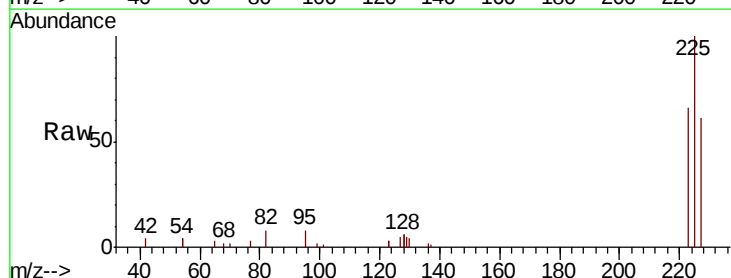
Tgt Ion:225 Resp: 7626

Ion Ratio Lower Upper

225 100

223 62.7 49.7 74.5

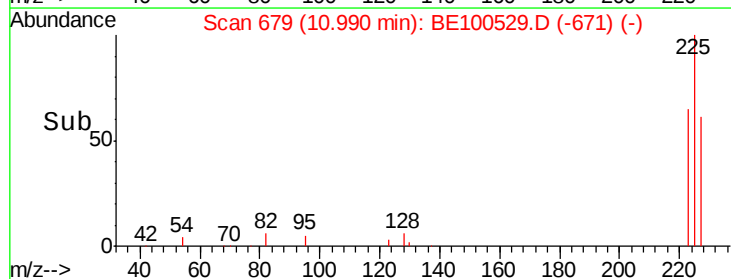
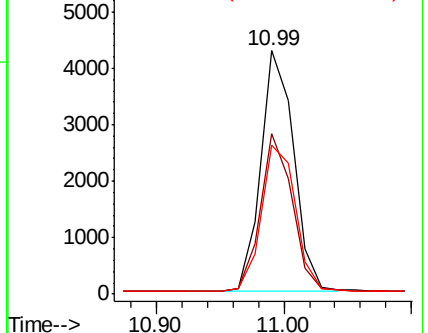
227 63.2 51.4 77.2

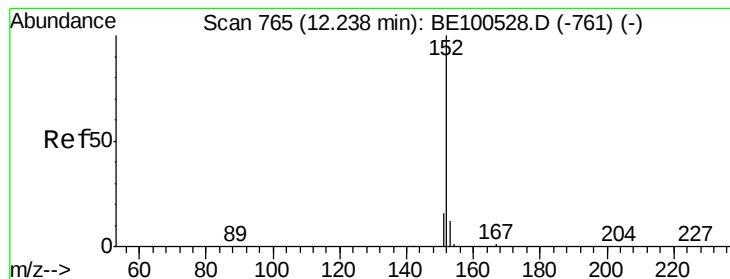


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.745 ng

RT: 12.24 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA\_E

ClientSampleId :

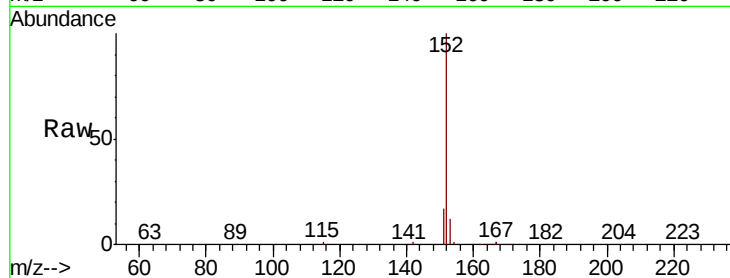
SSTDIC0.8

Tot Ion:152 Resp: 34367

Ion Ratio Lower Upper

152 100

151 18.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

20000

15000

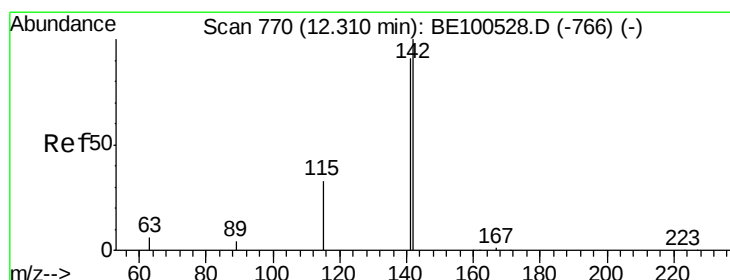
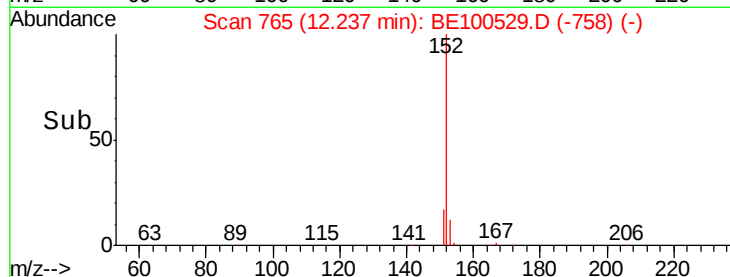
10000

5000

0

12.20 12.24 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.764 ng

RT: 12.31 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

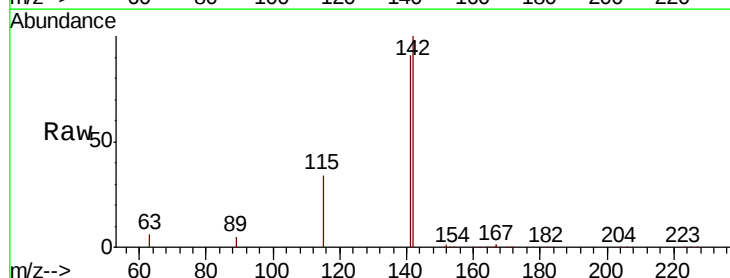
Tgt Ion:142 Resp: 38085

Ion Ratio Lower Upper

142 100

141 90.7 72.5 108.7

115 33.8 27.2 40.8



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

30000

25000

20000

15000

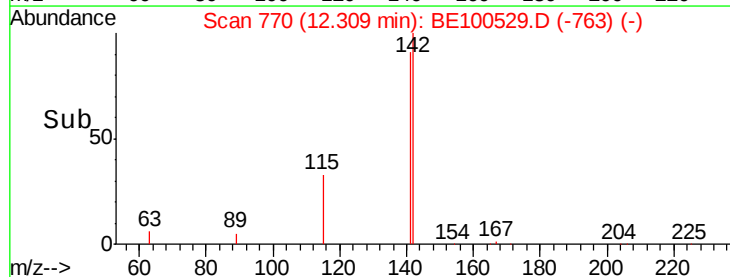
10000

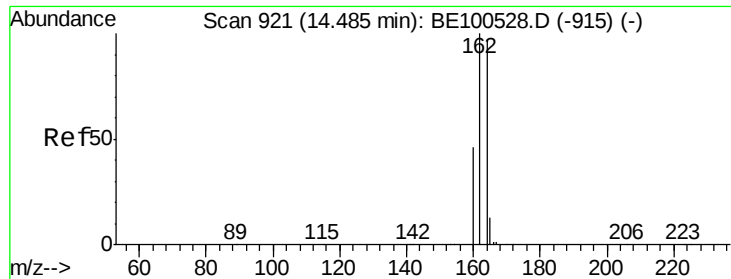
5000

0

12.20 12.30 12.40

Time-->

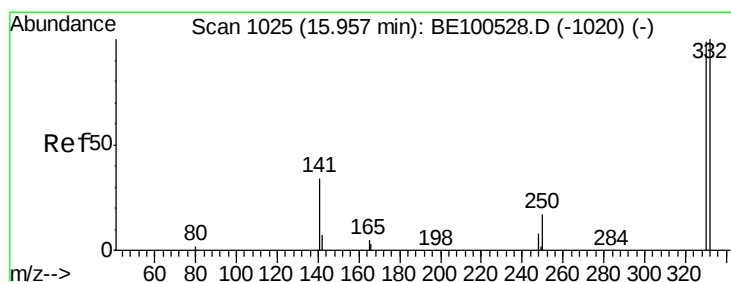
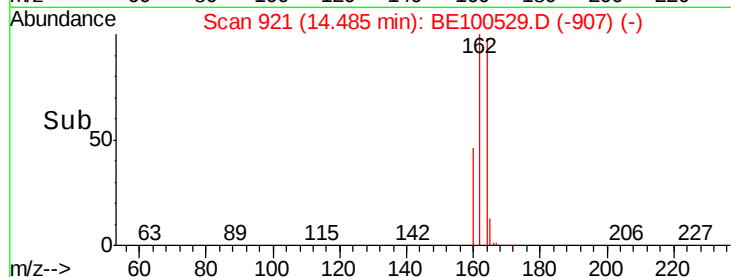
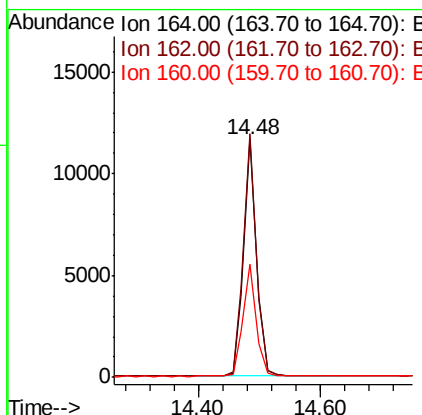
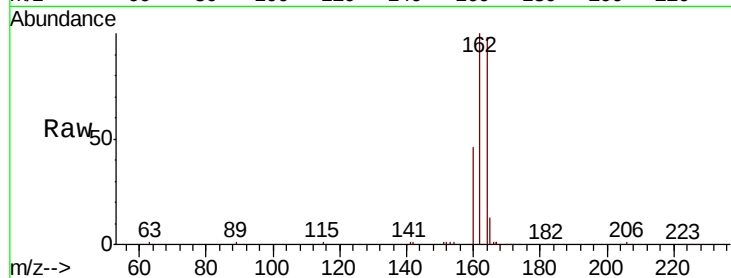




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.48 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

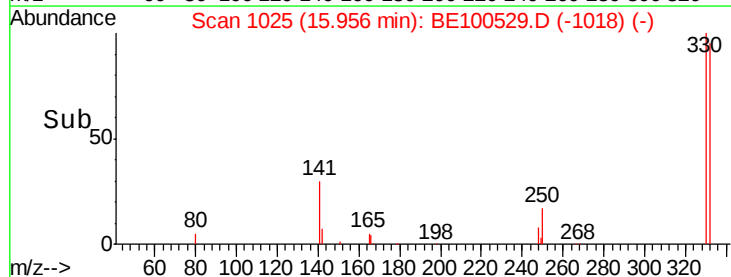
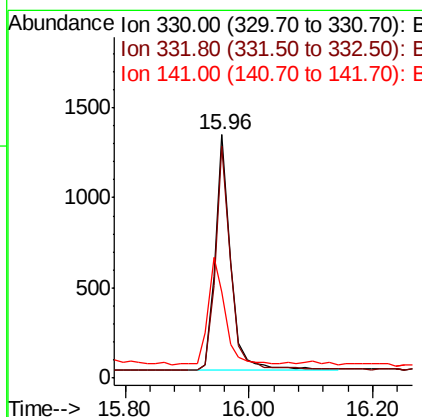
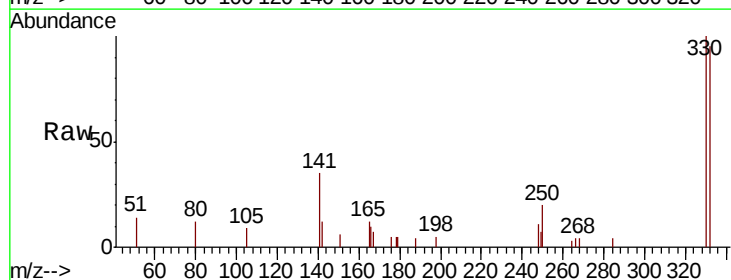
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

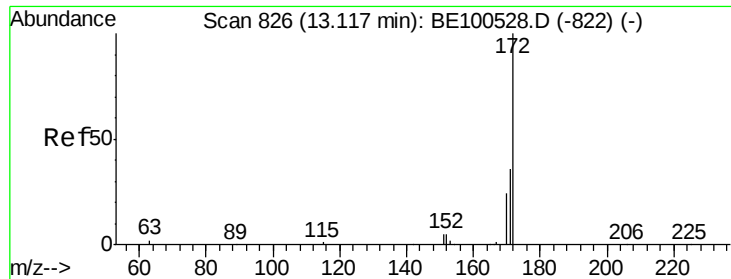
Tot Ion:164 Resp: 17357  
Ion Ratio Lower Upper  
164 100  
162 102.2 82.1 123.1  
160 47.2 37.6 56.4



#14  
2,4,6-Tribromophenol  
Concen: 0.679 ng  
RT: 15.96 min Scan# 1025  
Delta R.T. -0.00 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

Tgt Ion:330 Resp: 2263  
Ion Ratio Lower Upper  
330 100  
332 94.1 75.5 113.3  
141 48.1 42.3 63.5

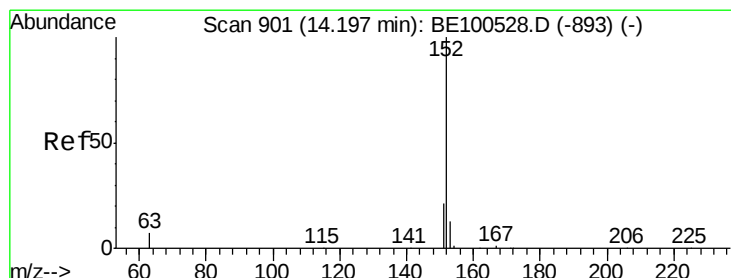
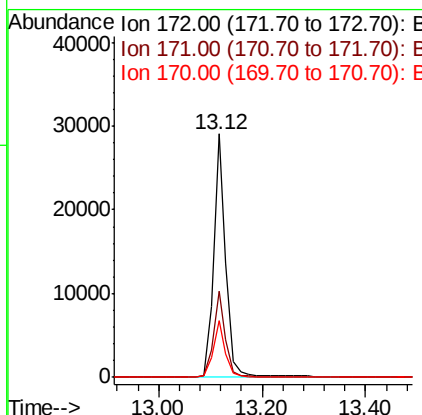
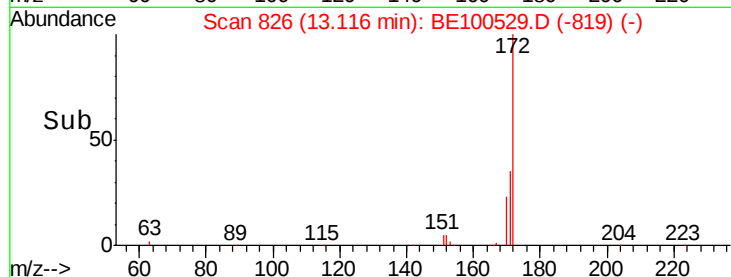
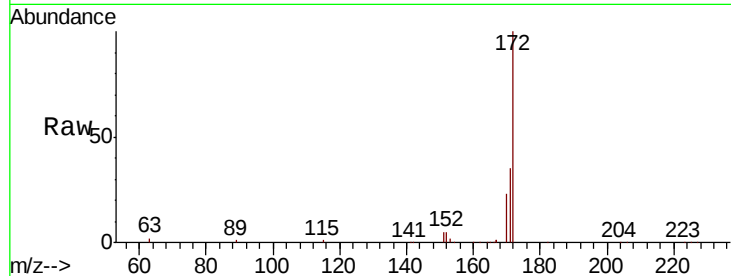




#15  
2-Fluorobiphenyl  
Concen: 0.792 ng  
RT: 13.12 min Scan# 826  
Delta R.T. -0.00 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

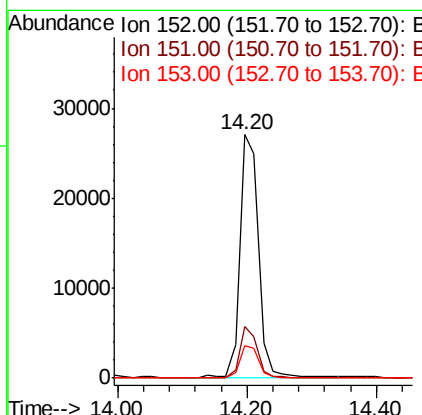
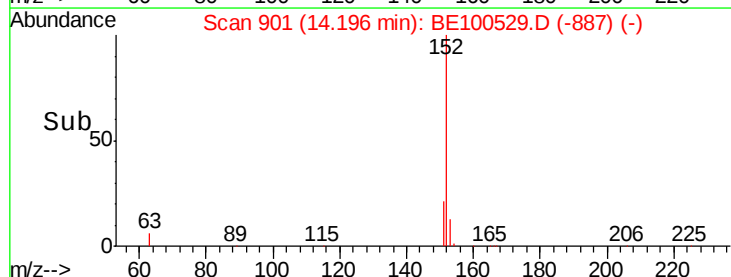
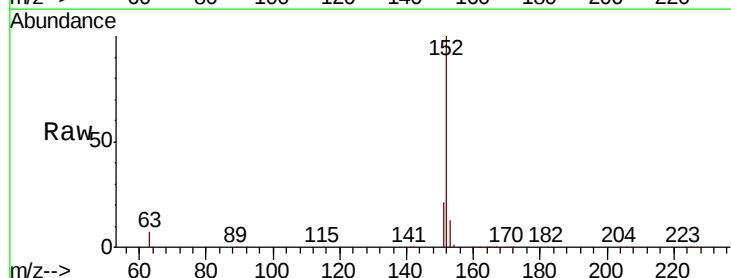
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

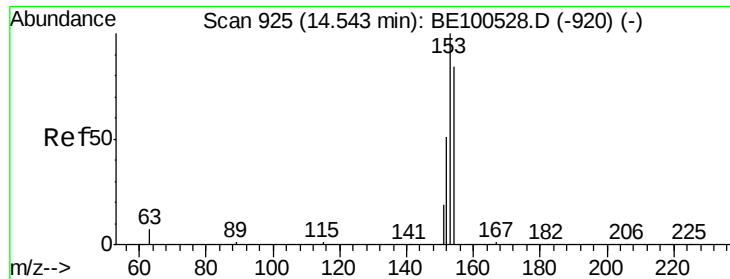
Tot Ion:172 Resp: 47669  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.8 43.2  
170 23.1 19.4 29.0



#16  
Acenaphthylene  
Concen: 0.741 ng  
RT: 14.20 min Scan# 901  
Delta R.T. -0.00 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

Tgt Ion:152 Resp: 53414  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.9 23.9  
153 13.1 10.7 16.1

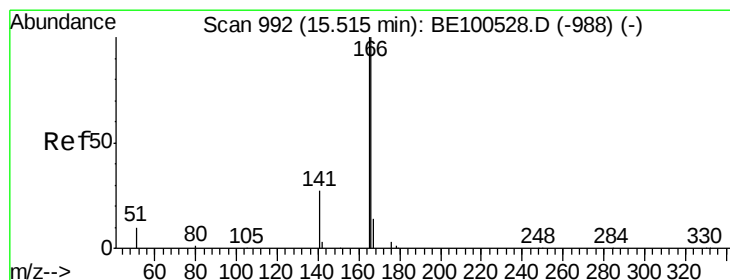
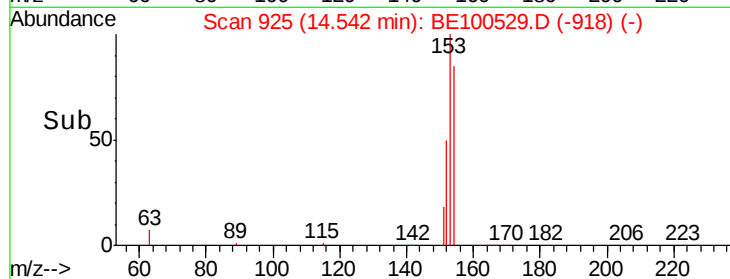
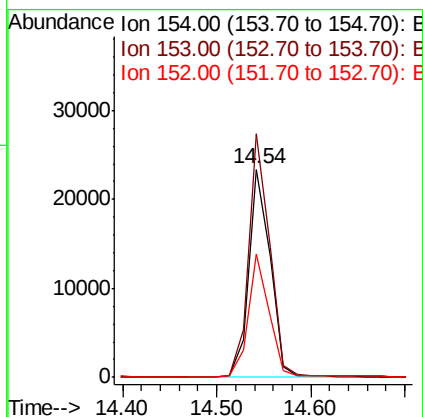
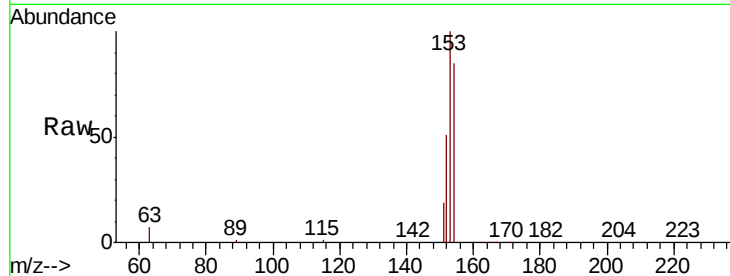




#17  
Acenaphthene  
Concen: 0.778 ng  
RT: 14.54 min Scan# 925  
Delta R.T. -0.00 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

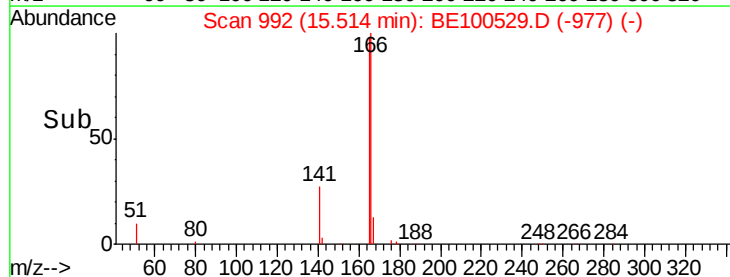
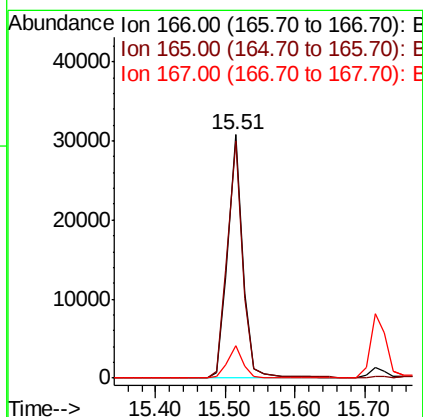
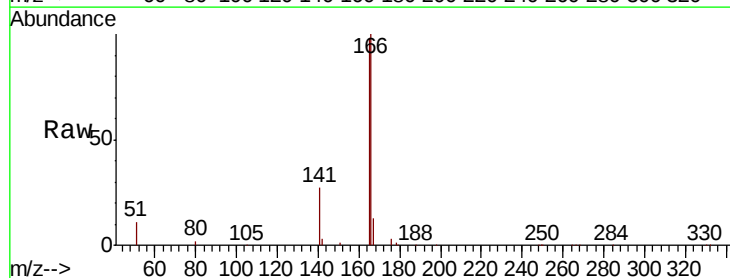
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

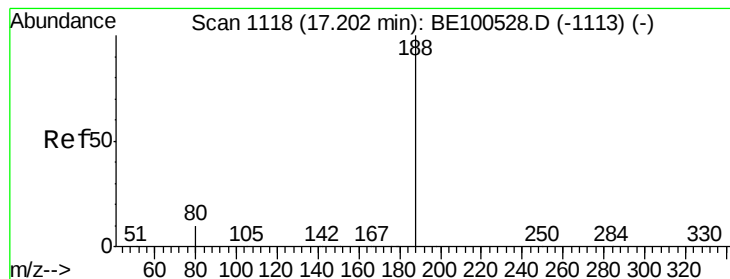
Tot Ion:154 Resp: 36871  
Ion Ratio Lower Upper  
154 100  
153 114.8 93.7 140.5  
152 57.4 47.3 70.9



#18  
Fluorene  
Concen: 0.763 ng  
RT: 15.51 min Scan# 992  
Delta R.T. -0.00 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

Tgt Ion:166 Resp: 46040  
Ion Ratio Lower Upper  
166 100  
165 99.5 80.1 120.1  
167 13.4 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

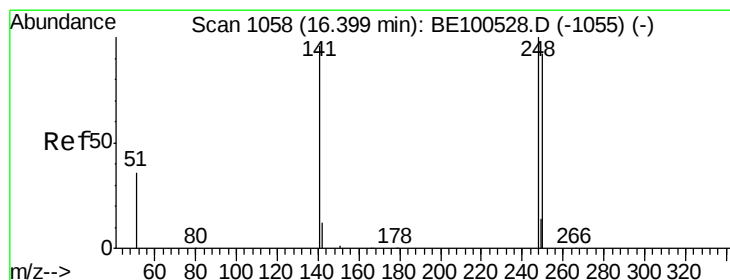
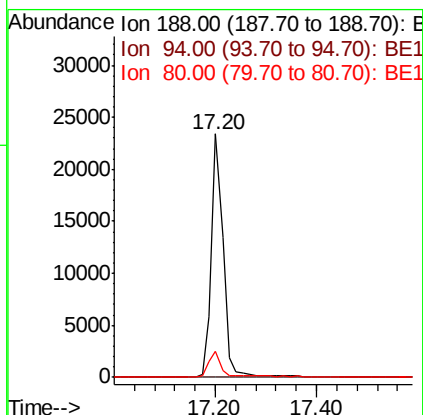
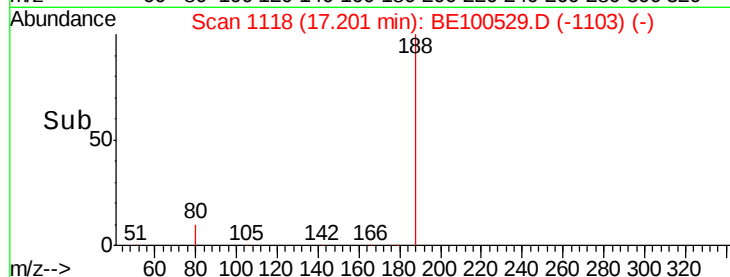
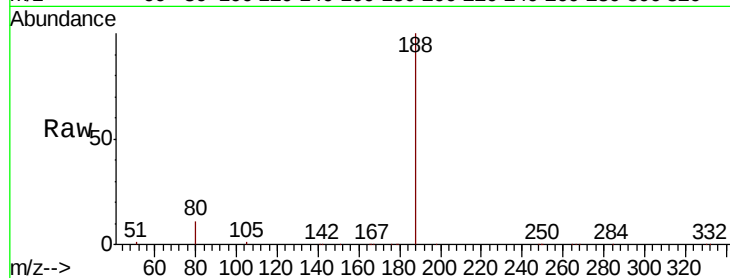
Tot Ion:188 Resp: 37463

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 8.0 12.0



#20

4-Bromophenyl-phenylether

Concen: 0.781 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

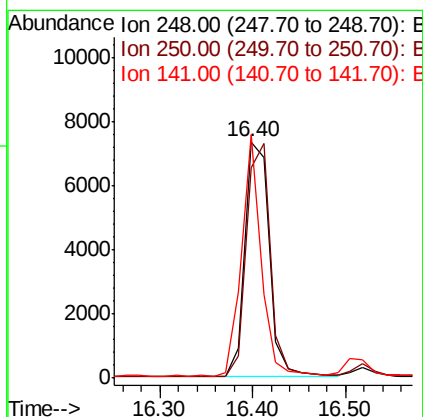
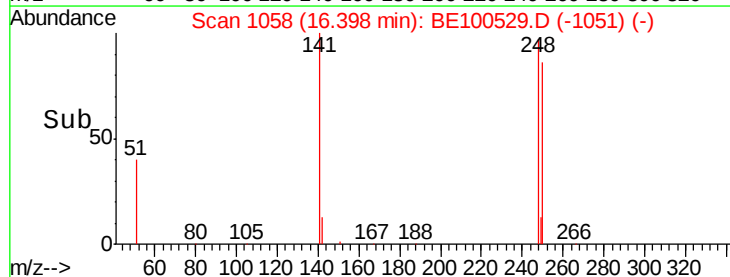
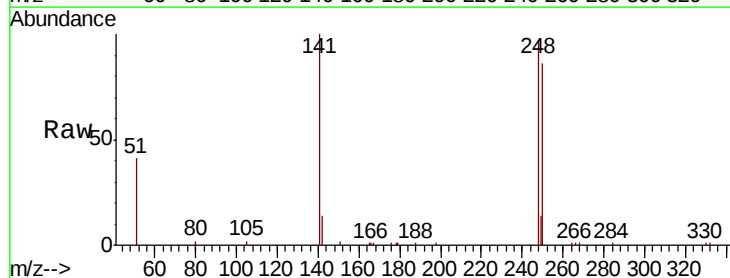
Tgt Ion:248 Resp: 13398

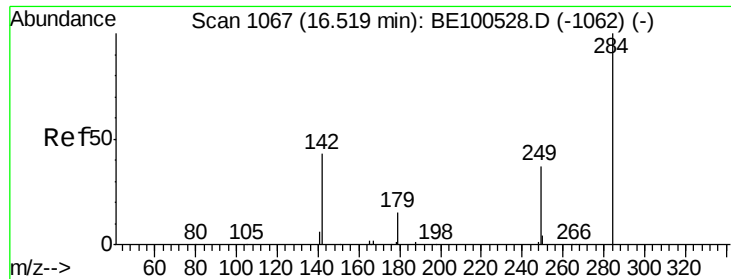
Ion Ratio Lower Upper

248 100

250 89.0 73.5 110.3

141 103.1 77.0 115.4

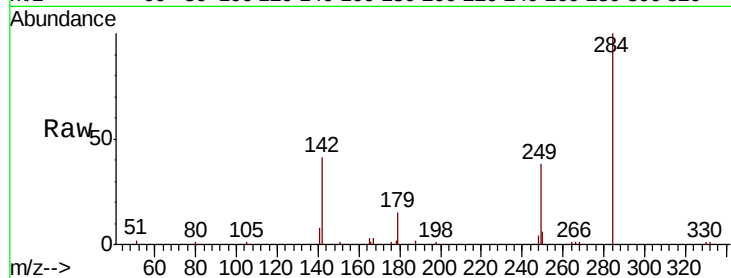




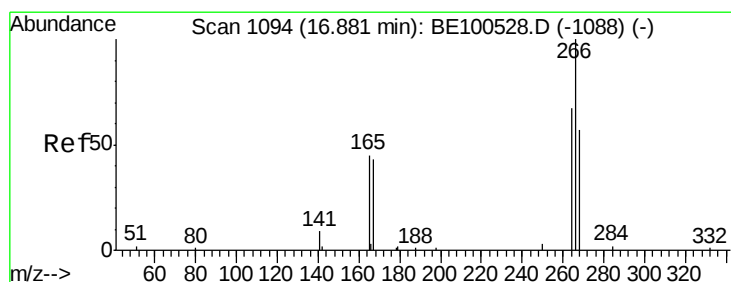
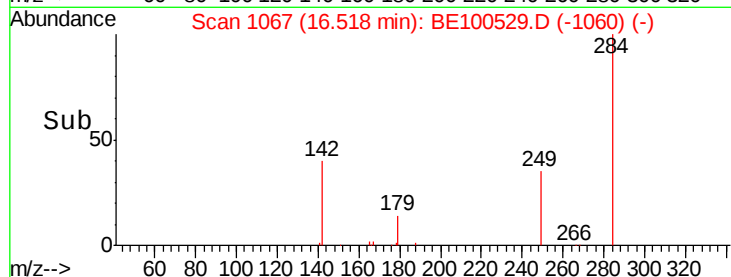
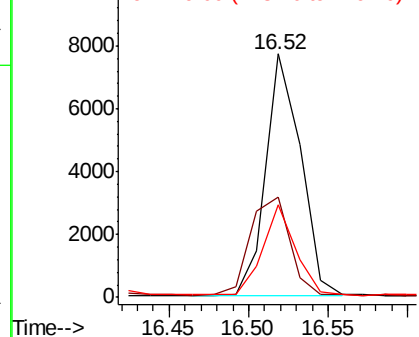
#21  
Hexachlorobenzene  
Concen: 0.801 ng  
RT: 16.52 min Scan# 1067  
Delta R.T. -0.00 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

Tot Ion:284 Resp: 11703  
Ion Ratio Lower Upper  
284 100  
142 46.0 39.0 58.6  
249 34.4 28.2 42.2

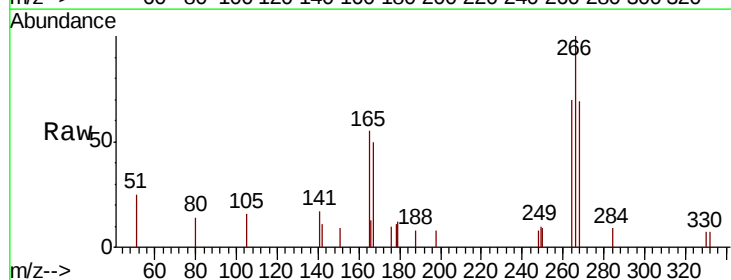


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

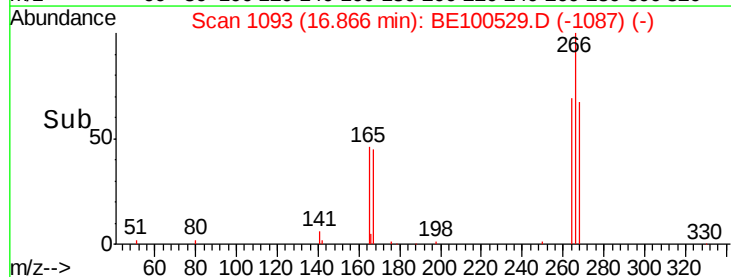
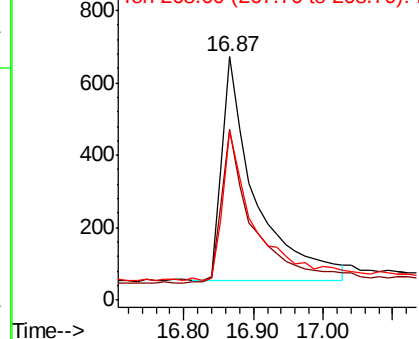


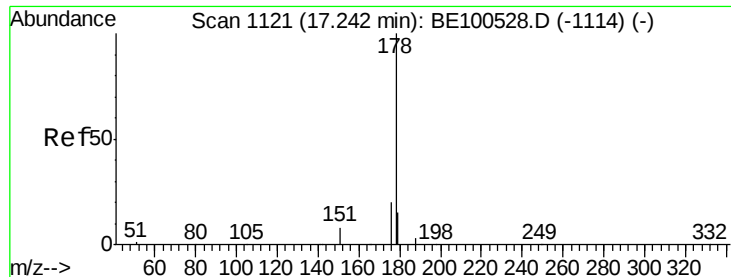
#22  
Pentachlorophenol  
Concen: 0.565 ng  
RT: 16.87 min Scan# 1093  
Delta R.T. -0.01 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

Tgt Ion:266 Resp: 2068  
Ion Ratio Lower Upper  
266 100  
264 70.2 57.6 86.4  
268 69.5 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

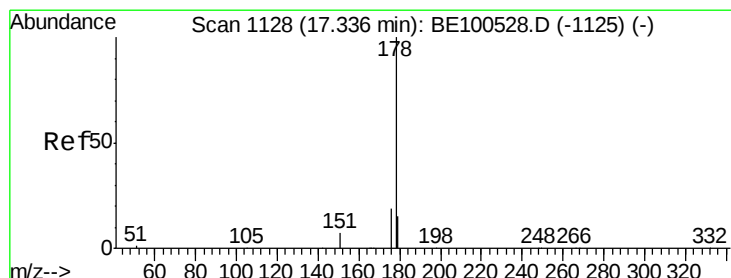
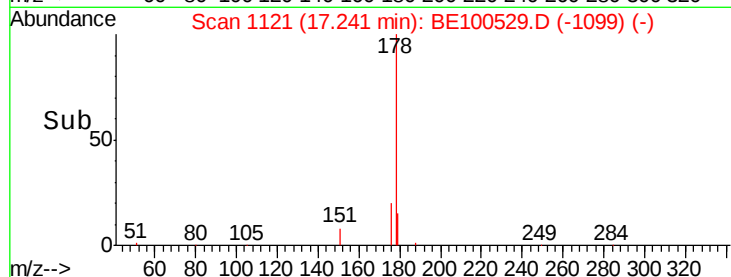
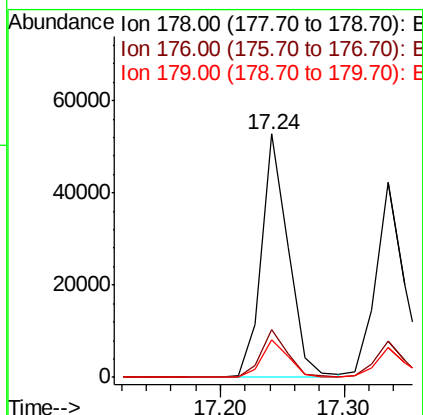
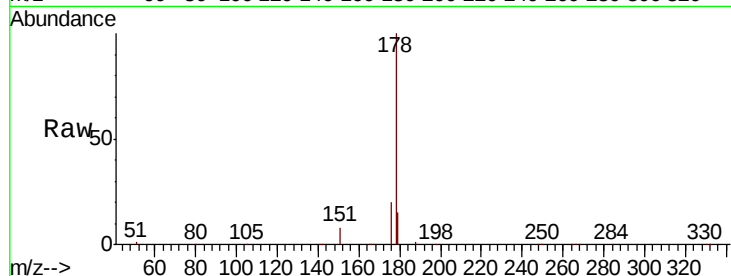




#23  
Phenanthrene  
Concen: 0.771 ng  
RT: 17.24 min Scan# 1121  
Delta R.T. -0.00 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

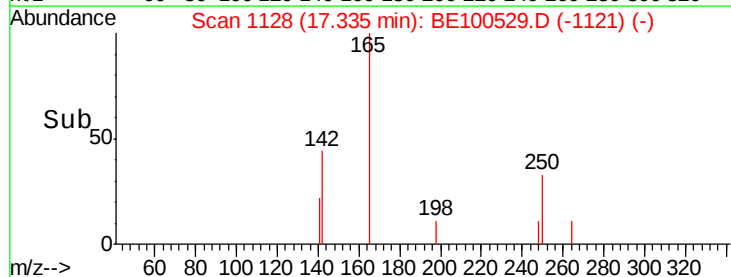
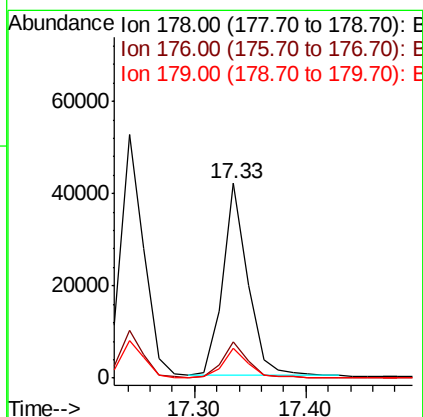
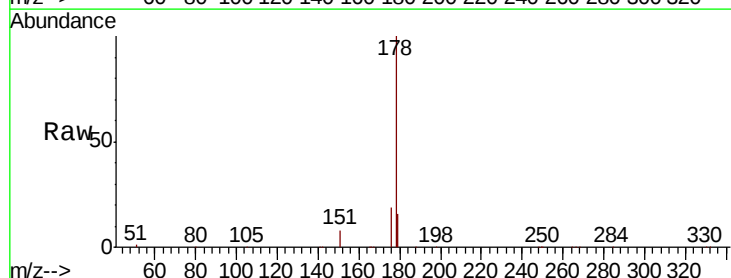
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

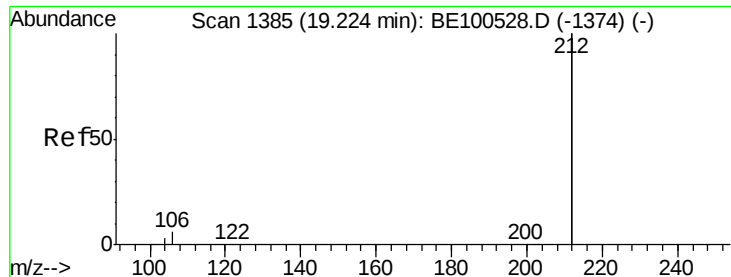
Tot Ion:178 Resp: 78961  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 15.4 12.6 18.8



#24  
Anthracene  
Concen: 0.751 ng  
RT: 17.33 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

Tgt Ion:178 Resp: 65325  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.2 22.8  
179 15.2 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.722 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

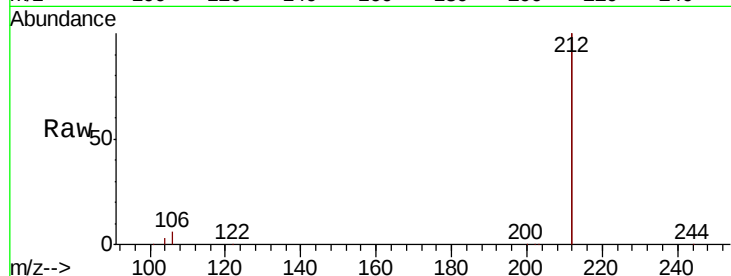
Tot Ion:212 Resp: 331985

Ion Ratio Lower Upper

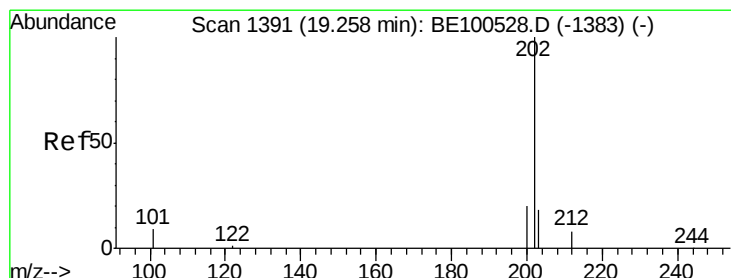
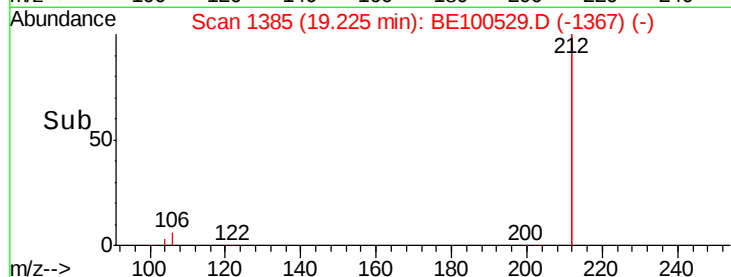
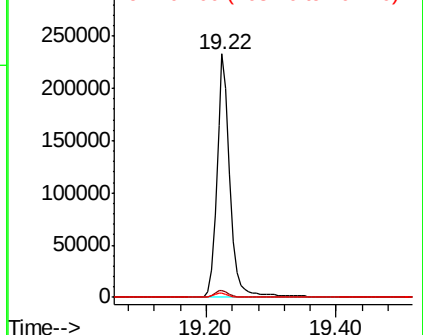
212 100

106 3.0 2.3 3.5

104 1.7 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: 0.773 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

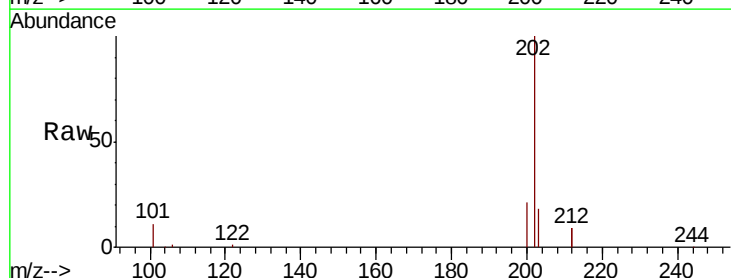
Tgt Ion:202 Resp: 95877

Ion Ratio Lower Upper

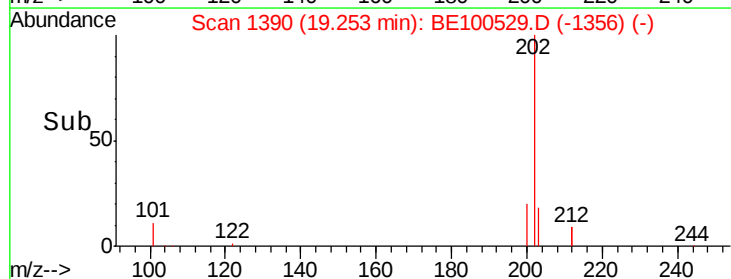
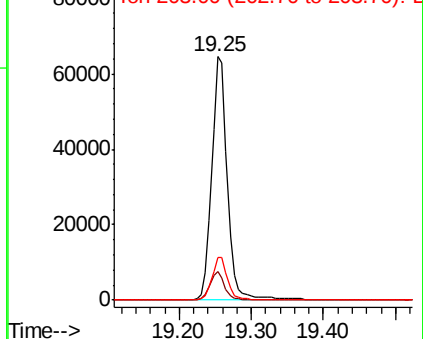
202 100

101 11.2 8.8 13.2

203 17.4 13.7 20.5



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

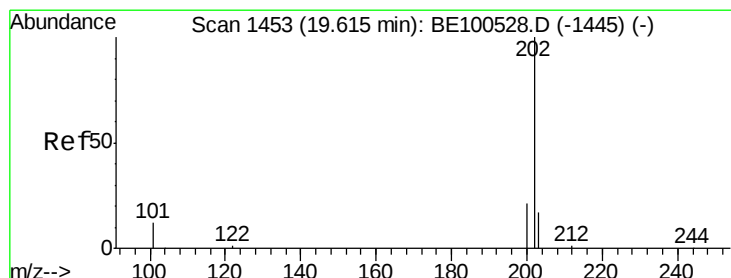
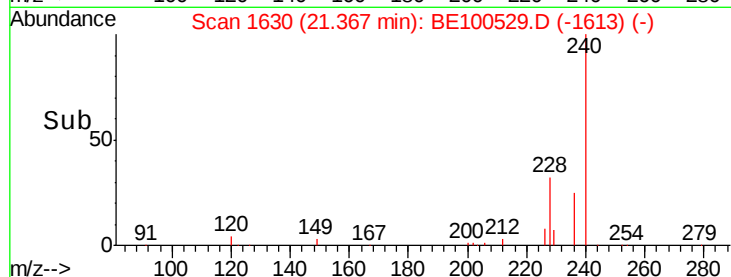
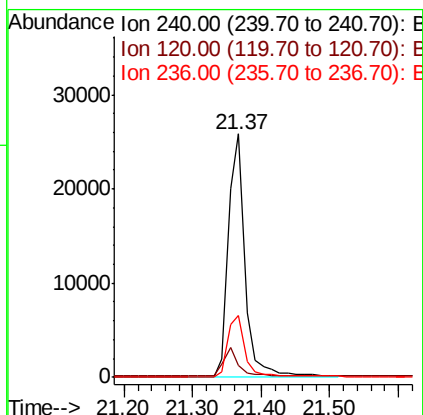
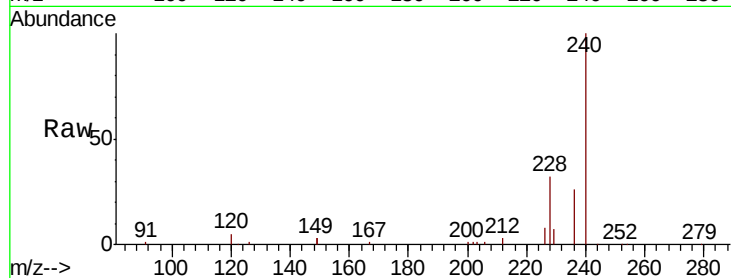




#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.37 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

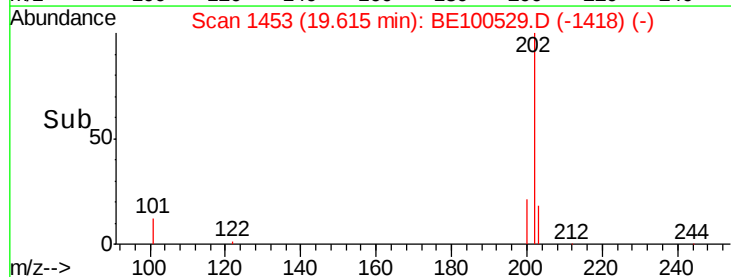
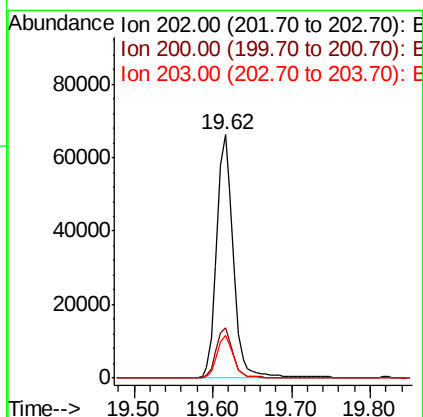
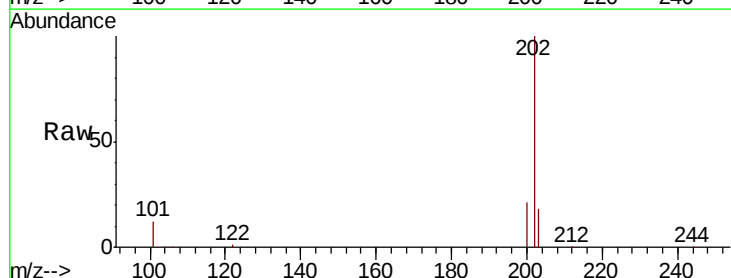
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

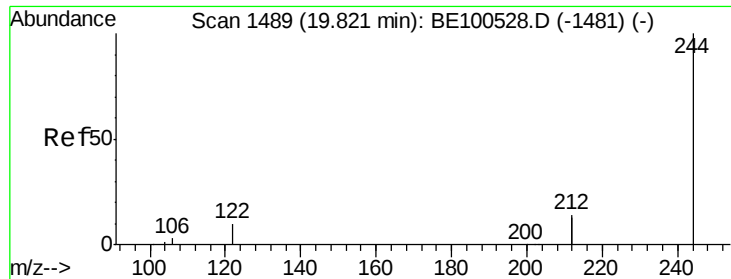
Tot Ion:240 Resp: 43607  
Ion Ratio Lower Upper  
240 100  
120 5.1 4.5 6.7  
236 25.7 20.6 30.8



#28  
Pyrene  
Concen: 0.777 ng  
RT: 19.62 min Scan# 1453  
Delta R.T. 0.00 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

Tgt Ion:202 Resp: 95656  
Ion Ratio Lower Upper  
202 100  
200 20.7 16.6 25.0  
203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.787 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

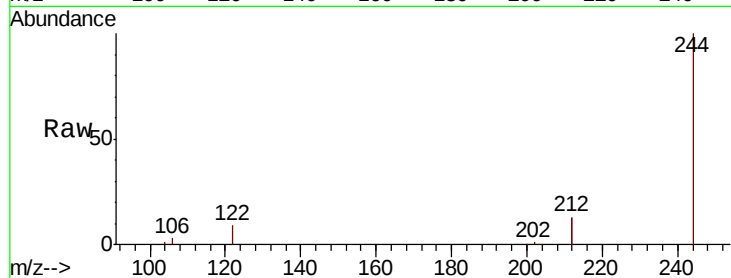
Tot Ion:244 Resp: 79703

Ion Ratio Lower Upper

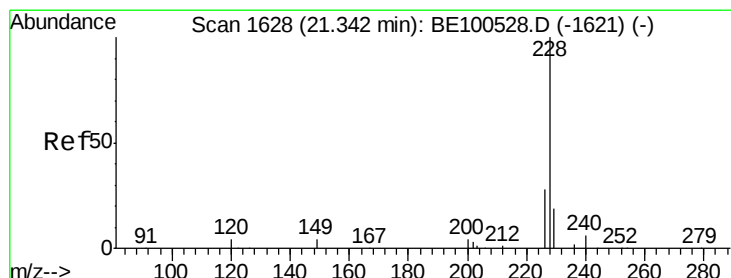
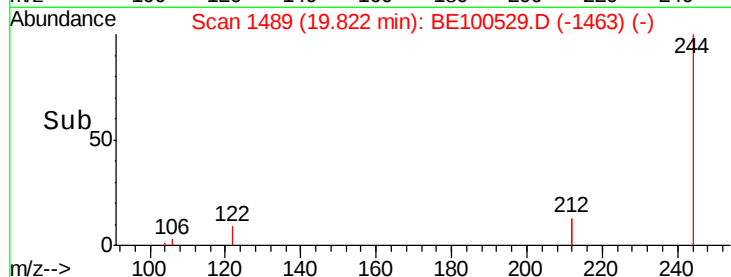
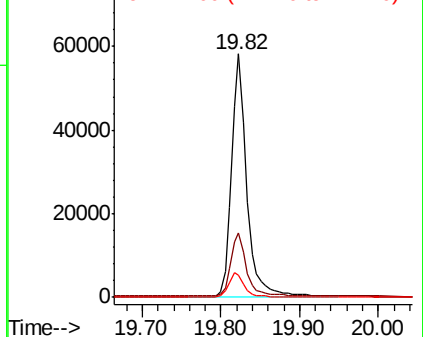
244 100

212 26.3 22.2 33.2

122 9.1 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: 0.712 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

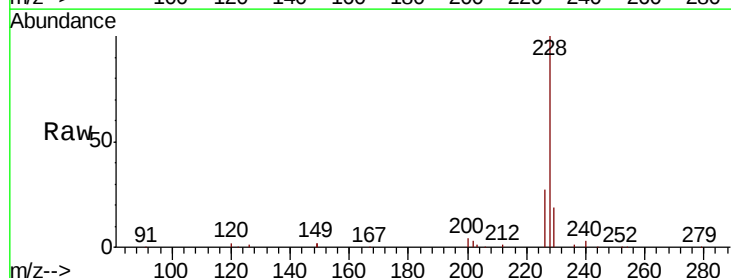
Tgt Ion:228 Resp: 85730

Ion Ratio Lower Upper

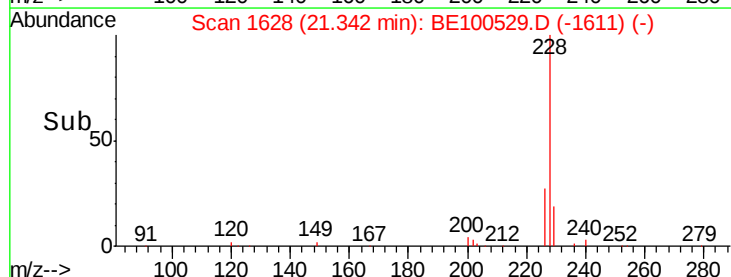
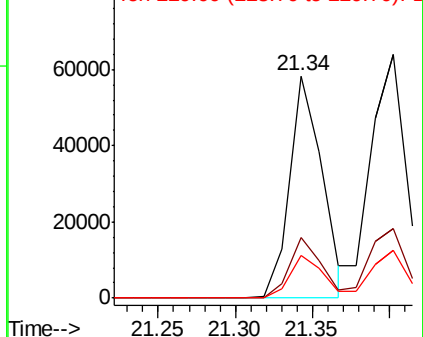
228 100

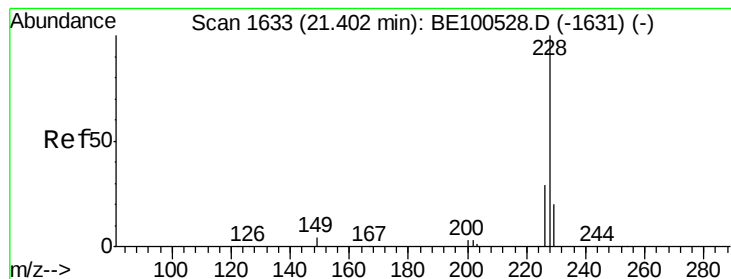
226 27.4 22.5 33.7

229 19.4 15.4 23.2



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: 0.822 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

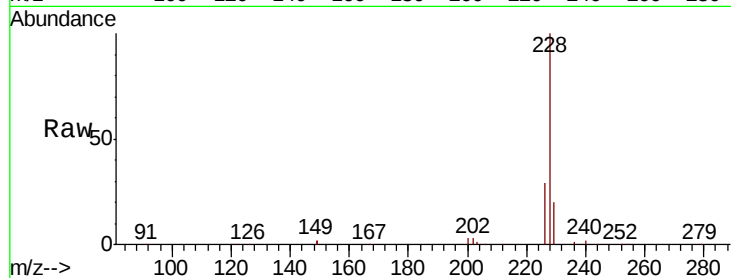
Tot Ion:228 Resp: 104884

Ion Ratio Lower Upper

228 100

226 28.7 23.3 34.9

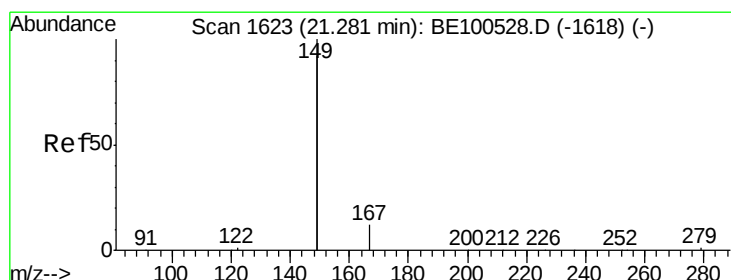
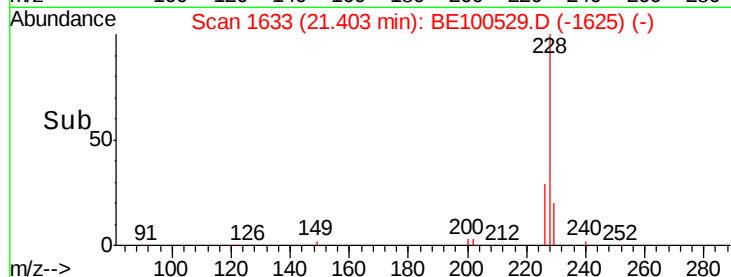
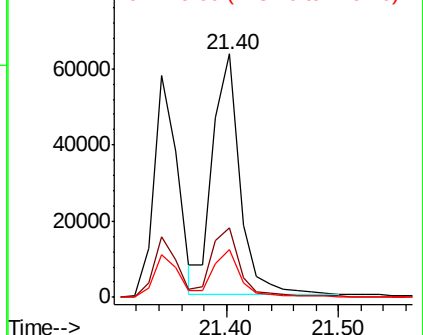
229 19.7 16.3 24.5



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.666 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

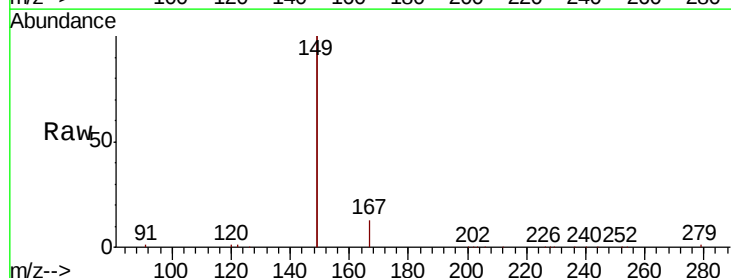
Tgt Ion:149 Resp: 95970

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

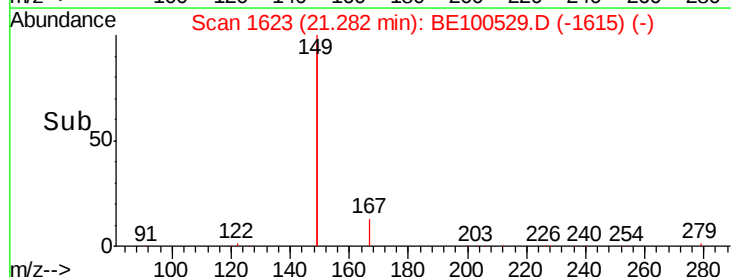
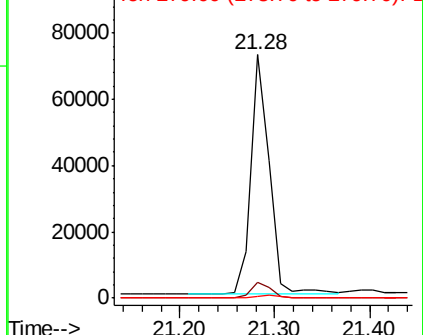
279 1.1 1.0 1.4

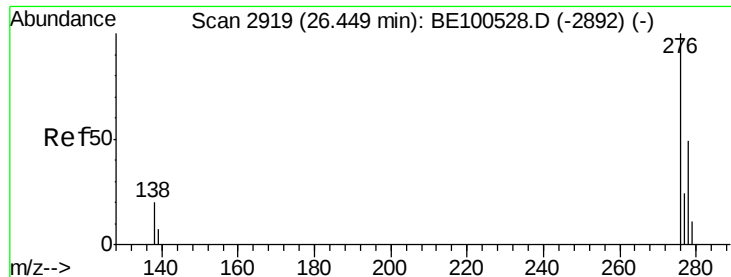


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.747 ng

RT: 26.45 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

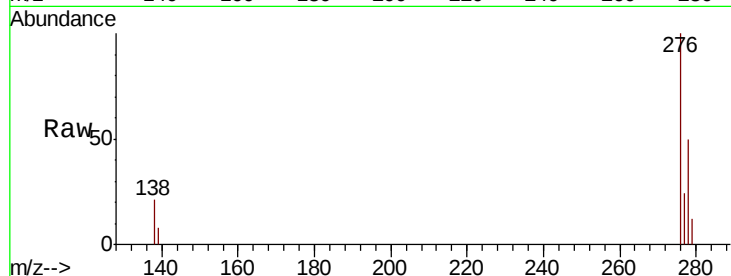
Tot Ion:276 Resp: 112728

Ion Ratio Lower Upper

276 100

138 22.0 17.7 26.5

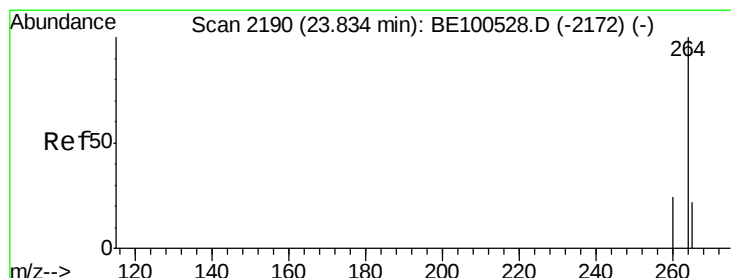
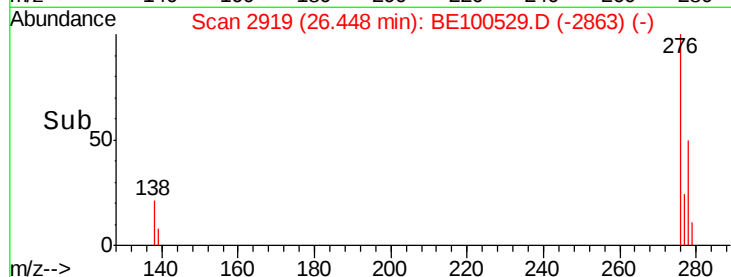
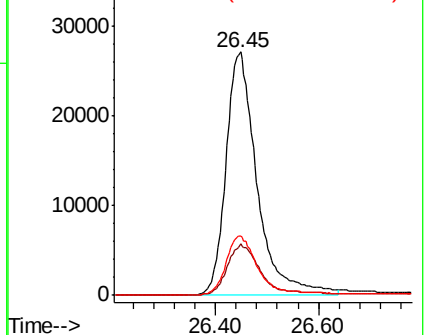
277 24.8 19.9 29.9



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: 23.83 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

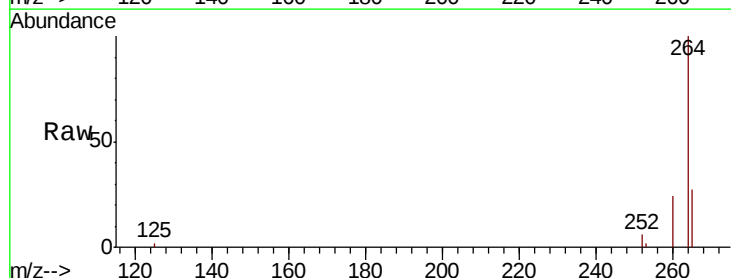
Tgt Ion:264 Resp: 46679

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

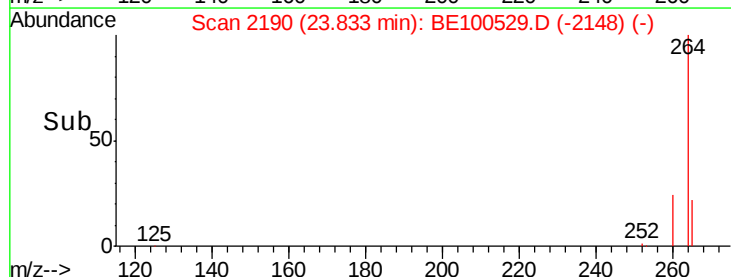
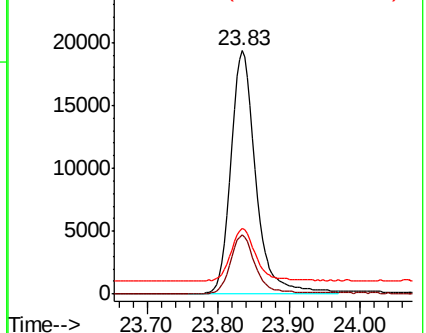
265 26.8 21.8 32.8



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

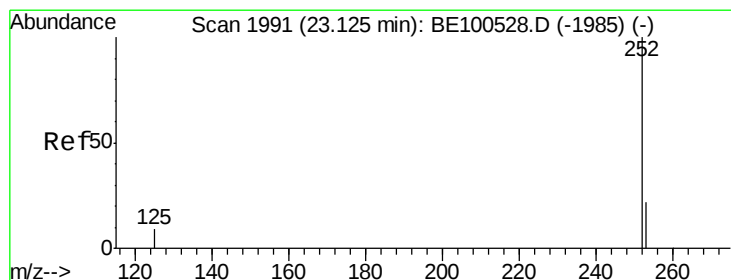
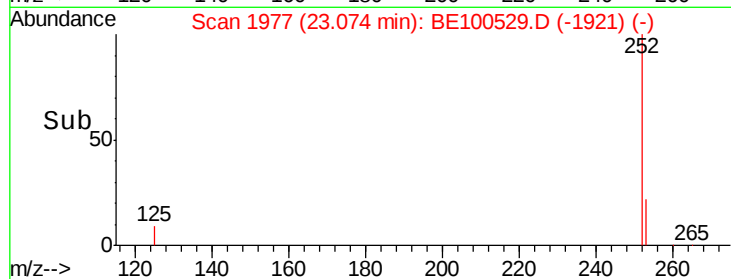
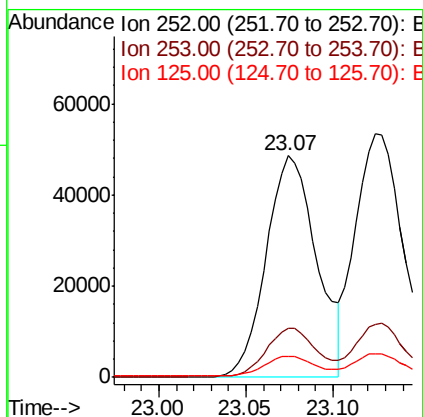
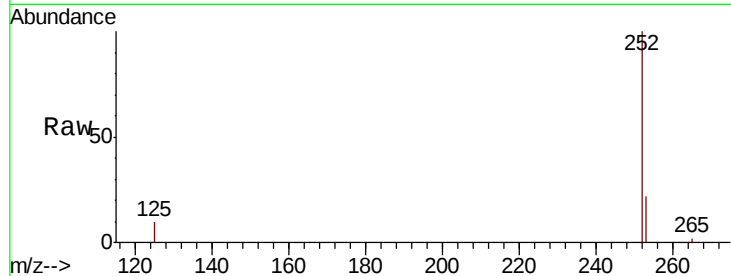




#35  
Benzo(b)fluoranthene  
Concen: 0.795 ng  
RT: 23.07 min Scan# 1977  
Delta R.T. -0.00 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

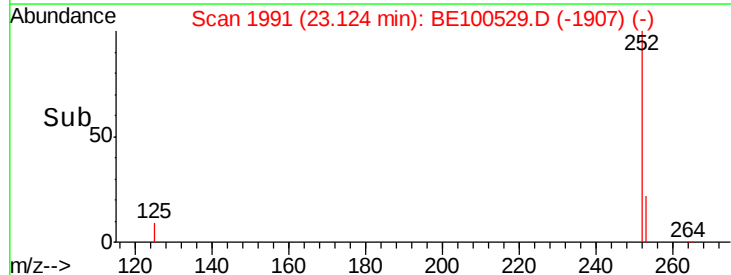
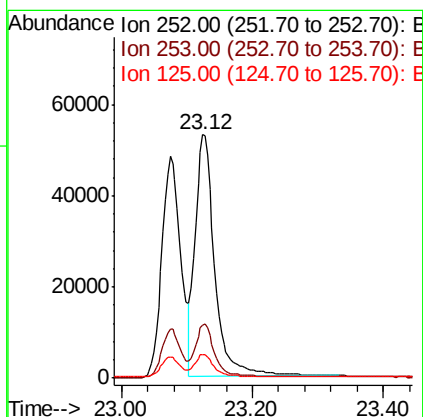
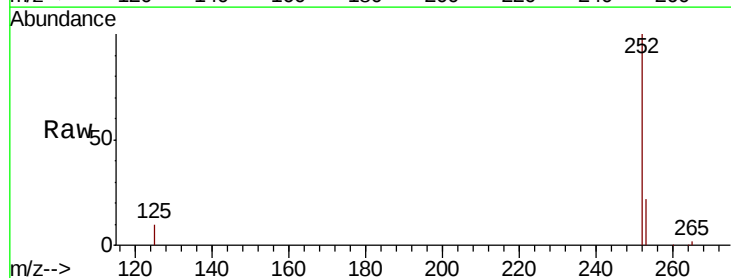
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

Tot Ion:252 Resp: 97242  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.1 27.1  
125 9.6 8.0 12.0



#36  
Benzo(k)fluoranthene  
Concen: 0.784 ng  
RT: 23.12 min Scan# 1991  
Delta R.T. -0.00 min  
Lab File: BE100529.D  
Acq: 20 Sep 2019 15:48

Tgt Ion:252 Resp: 111727  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.9 26.9  
125 9.9 8.5 12.7





#37

Benzo(a)pyrene

Concen: 0.765 ng

RT: 23.73 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

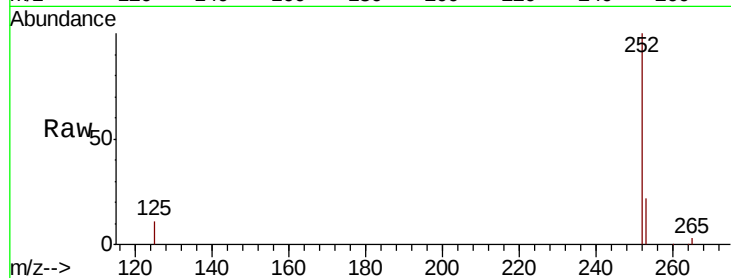
Tot Ion:252 Resp: 89305

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

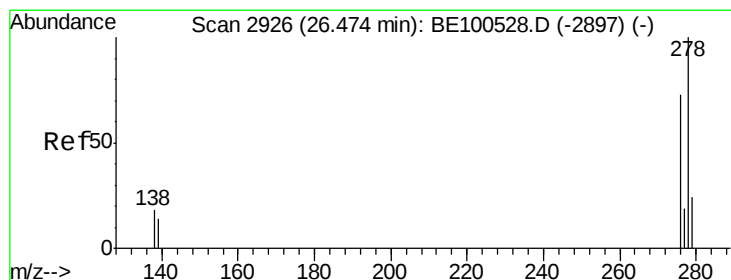
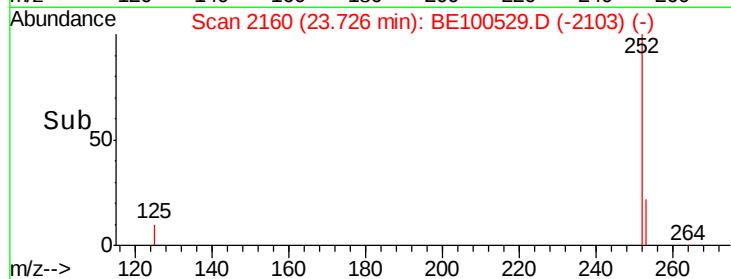
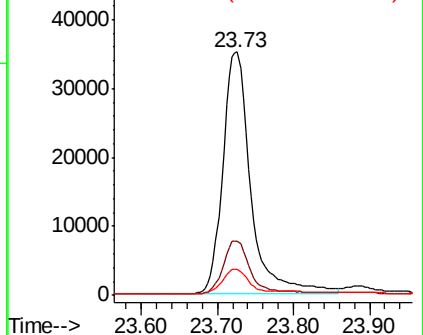
125 10.8 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.771 ng

RT: 26.47 min Scan# 2926

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

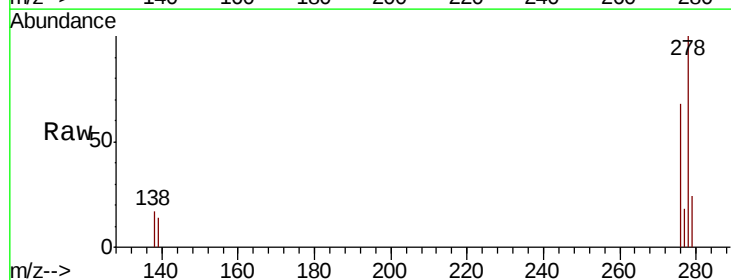
Tgt Ion:278 Resp: 92982

Ion Ratio Lower Upper

278 100

139 14.0 11.6 17.4

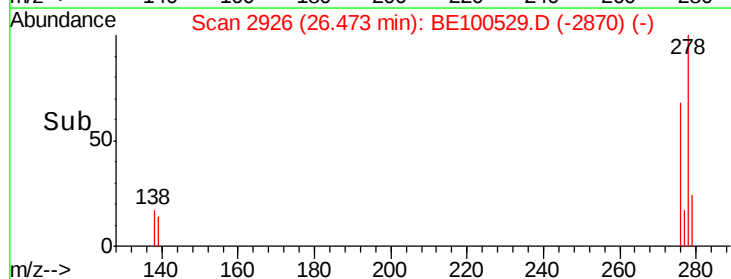
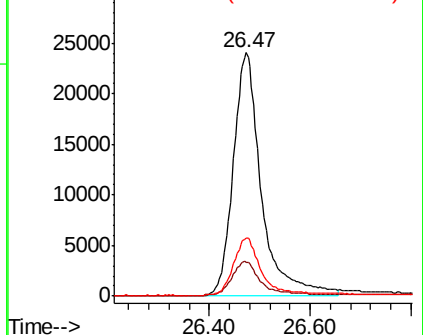
279 24.0 19.7 29.5

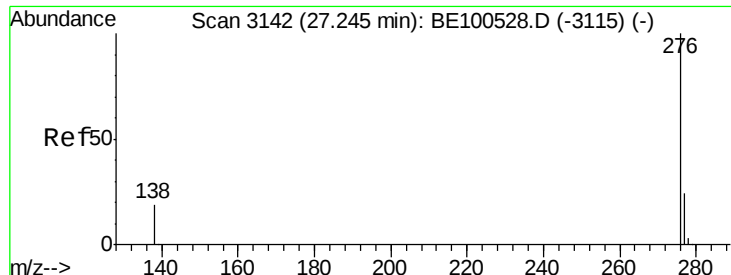


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.782 ng

RT: 27.24 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.8

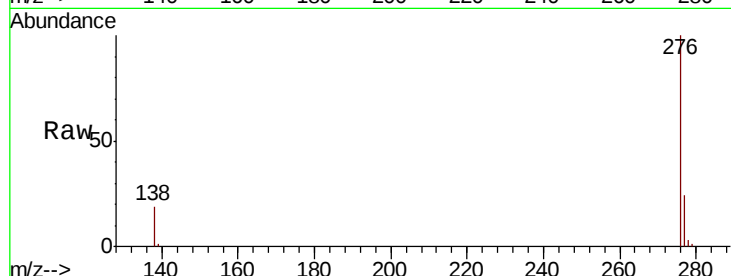
Tot Ion: 276 Resp: 97320

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 19.3 15.7 23.5



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

