

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE031519\  
 Data File : BE098986.D  
 Acq On : 16 Mar 2019 00:50  
 Operator : JU/SJ  
 Sample : K1912-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 M3-T3-UV(POST)

Quant Time: Mar 16 03:43:24 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE030619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 15 05:31:33 2019  
 Response via : Initial Calibration

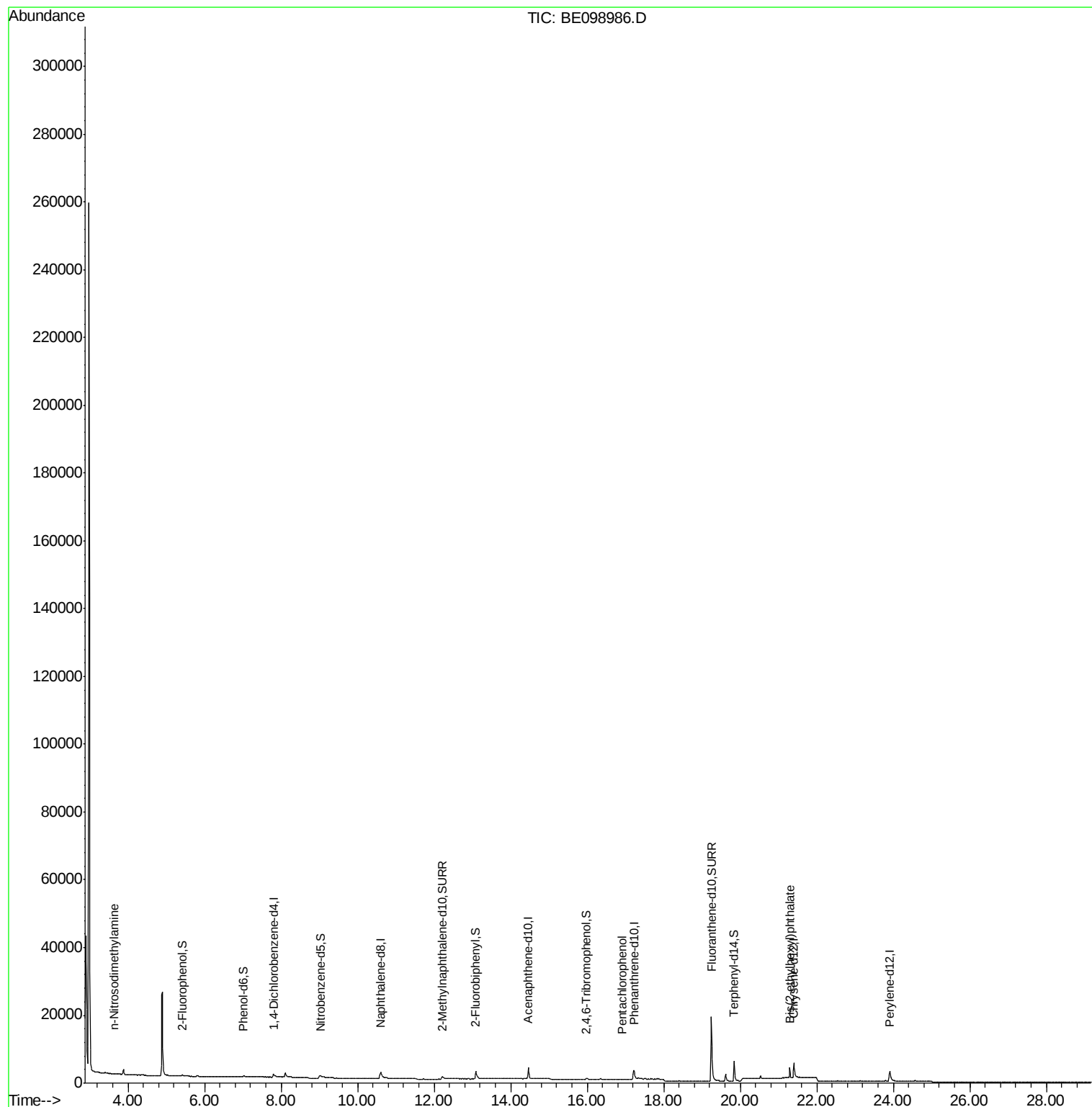
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.80  | 152  | 863      | 0.40  | ng    | 0.00        |
| 7) Naphthalene-d8              | 10.60 | 136  | 3835     | 0.40  | ng    | 0.01        |
| 13) Acenaphthene-d10           | 14.46 | 164  | 2832     | 0.40  | ng    | 0.00        |
| 19) Phenanthrene-d10           | 17.21 | 188  | 6181     | 0.40  | ng    | 0.00        |
| 27) Chrysene-d12               | 21.40 | 240  | 7140     | 0.40  | ng    | 0.00        |
| 34) Perylene-d12               | 23.90 | 264  | 6704     | 0.40  | ng    | 0.00        |
| System Monitoring Compounds    |       |      |          |       |       |             |
| 4) 2-Fluorophenol              | 5.41  | 112  | 450      | 0.17  | ng    | 0.03        |
| 5) Phenol-d6                   | 7.01  | 99   | 363      | 0.10  | ng    | 0.03        |
| 8) Nitrobenzene-d5             | 9.03  | 82   | 1246     | 0.31  | ng    | 0.06        |
| 11) 2-Methylnaphthalene-d10    | 12.21 | 152  | 2490     | 0.35  | ng    | 0.02        |
| 14) 2,4,6-Tribromophenol       | 15.98 | 330  | 259      | 0.18  | ng    | 0.01        |
| 15) 2-Fluorobiphenyl           | 13.09 | 172  | 4439     | 0.38  | ng    | 0.00        |
| 25) Fluoranthene-d10           | 19.25 | 212  | 36698    | 0.37  | ng    | 0.00        |
| 29) Terphenyl-d14              | 19.84 | 244  | 7083     | 0.41  | ng    | 0.00        |
| Target Compounds               |       |      |          |       |       |             |
| 3) n-Nitrosodimethylamine      | 3.64  | 42   | 44       | 0.020 | ng    | Qvalue # 39 |
| 22) Pentachlorophenol          | 16.91 | 266  | 6        | 0.269 | ng    | 90          |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 3570     | 0.075 | ng    | # 99        |

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

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ALS Vial : 19 Sample Multiplier: 1

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BNA\_E  
ClientSampleId :  
M3-T3-UV(POST)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE030619.M  
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QLast Update : Fri Mar 15 05:31:33 2019  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098986.D

Acq: 16 Mar 2019 00:50

Instrument :

BNA\_E

ClientSampleId :

M3-T3-UV(POST)

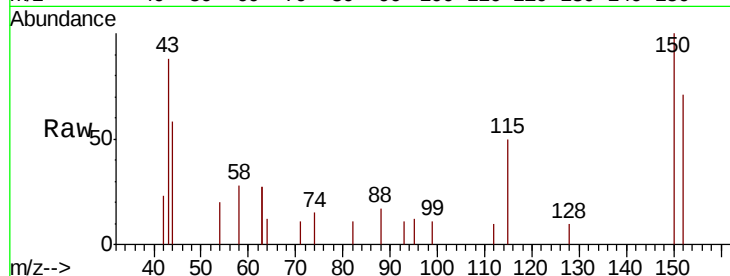
Tgt Ion:152 Resp: 863

Ion Ratio Lower Upper

152 100

150 141.3 122.5 183.7

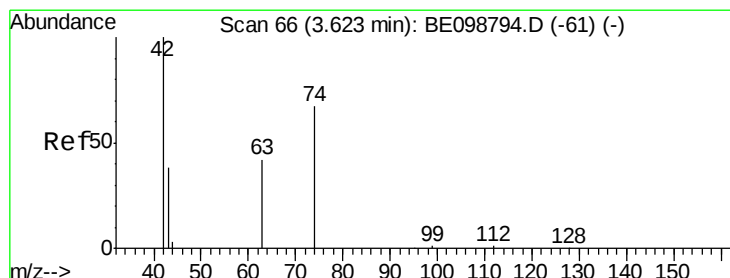
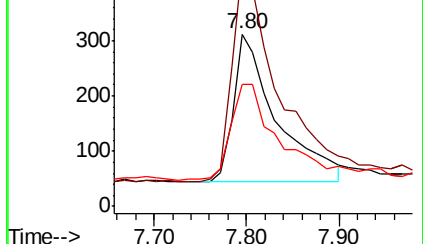
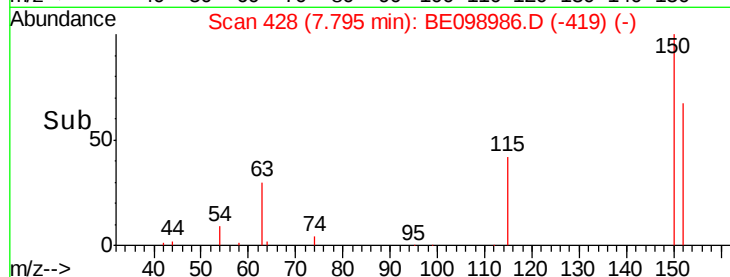
115 70.8 57.4 86.2



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



#3

n-Nitrosodimethylamine

Concen: 0.020 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.01 min

Lab File: BE098986.D

Acq: 16 Mar 2019 00:50

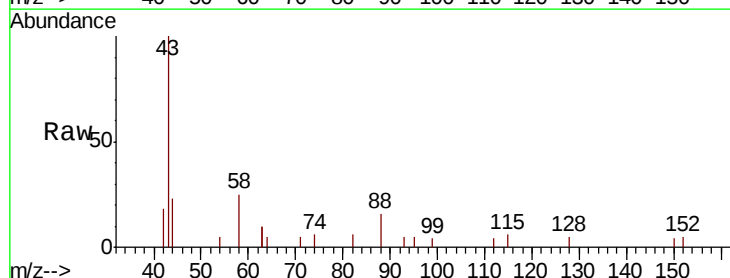
Tgt Ion: 42 Resp: 44

Ion Ratio Lower Upper

42 100

74 20.5 57.0 85.4#

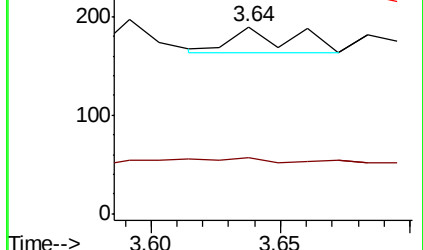
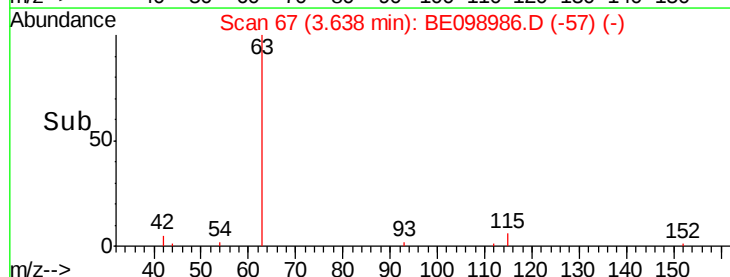
44 93.2 0.0 0.0#

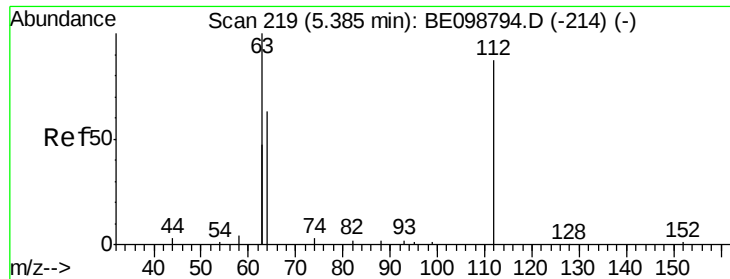


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.174 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098986.D

Acq: 16 Mar 2019 00:50

Instrument :

BNA\_E

ClientSampleId :

M3-T3-UV(POST)

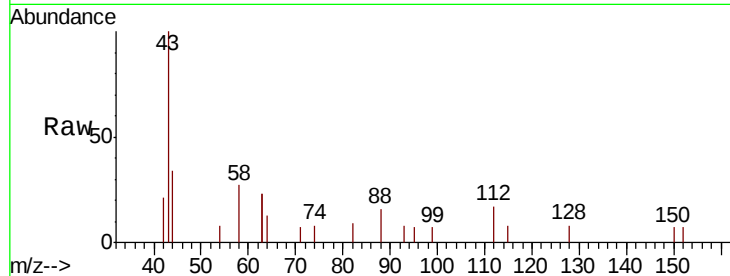
Tgt Ion: 112 Resp: 450

Ion Ratio Lower Upper

112 100

64 67.6 57.9 86.9

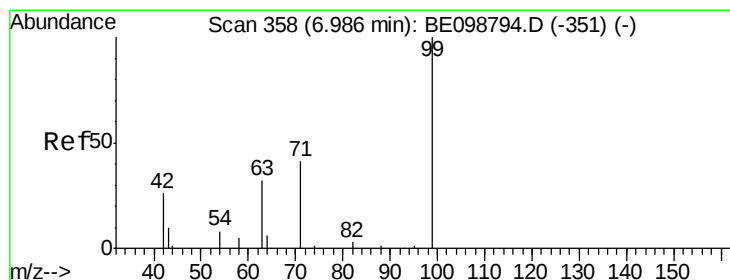
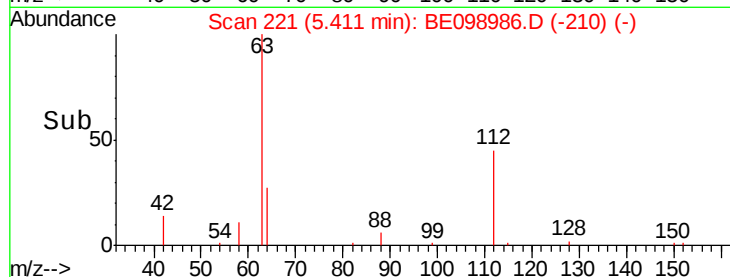
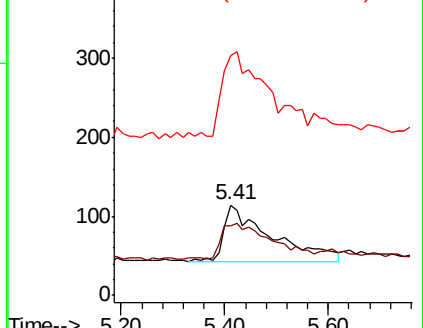
63 126.9 158.3 237.5#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.100 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098986.D

Acq: 16 Mar 2019 00:50

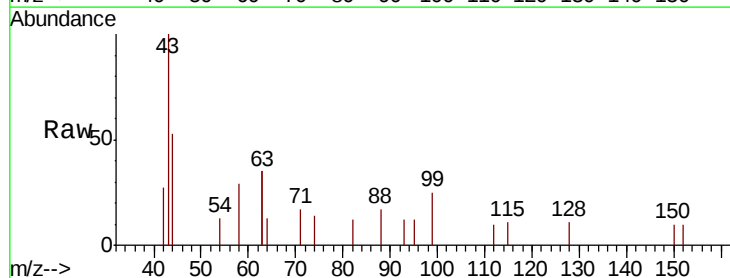
Tgt Ion: 99 Resp: 363

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

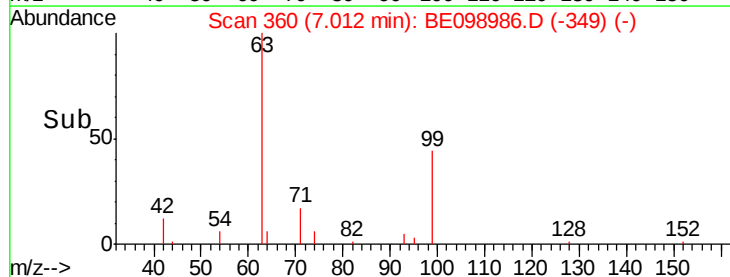
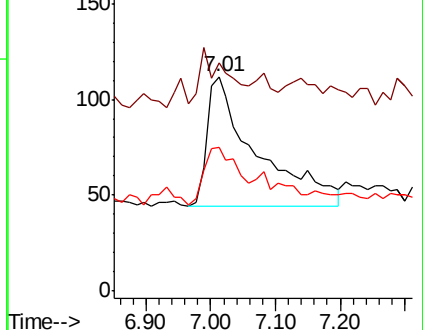
71 29.2 35.7 53.5#



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098986.D

Acq: 16 Mar 2019 00:50

Instrument :

BNA\_E

ClientSampleId :

M3-T3-UV(POST)

Tgt Ion: 136 Resp: 3835

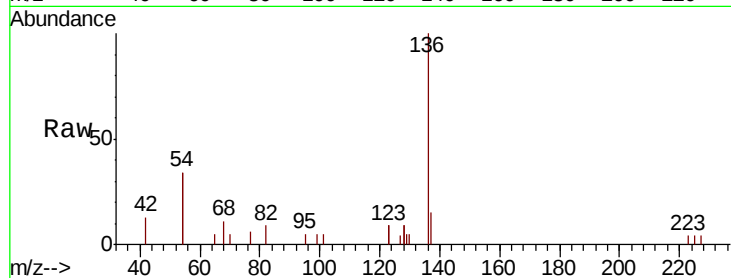
Ion Ratio Lower Upper

136 100

137 15.4 11.4 17.0

54 68.2 39.3 58.9#

68 10.9 6.7 10.1#



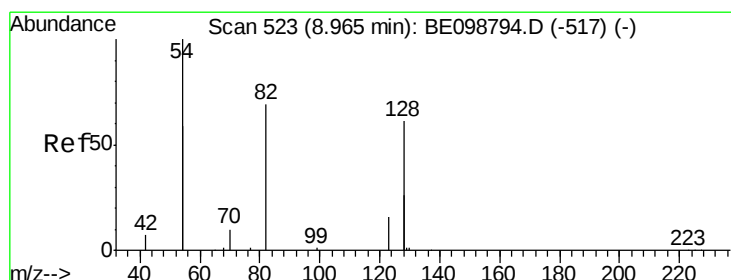
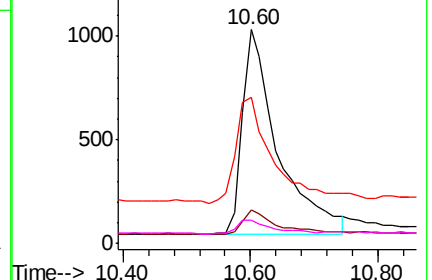
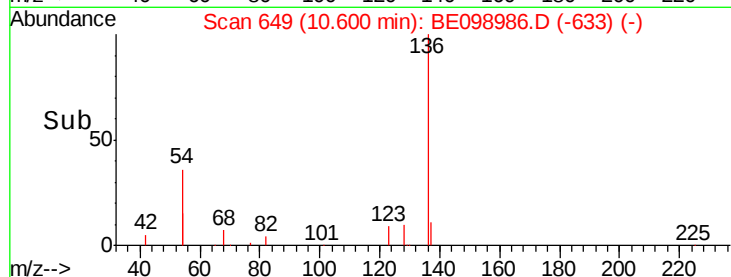
Abundance

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: 0.310 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.06 min

Lab File: BE098986.D

Acq: 16 Mar 2019 00:50

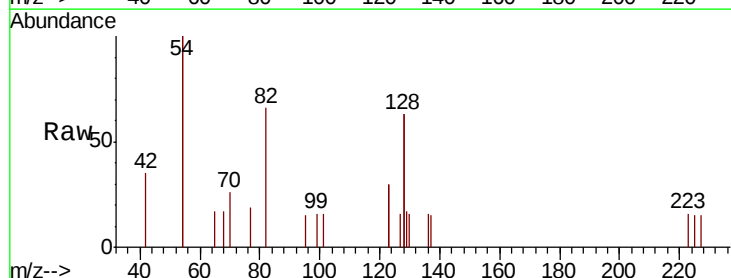
Tgt Ion: 82 Resp: 1246

Ion Ratio Lower Upper

82 100

128 189.1 123.8 185.8#

54 301.5 203.4 305.2

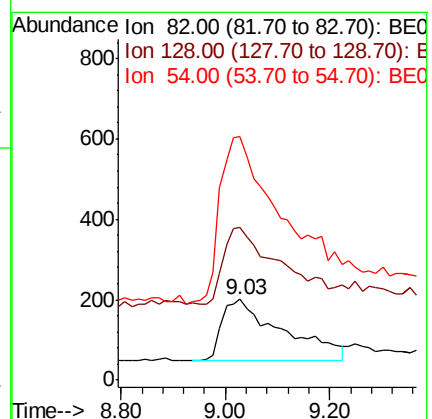
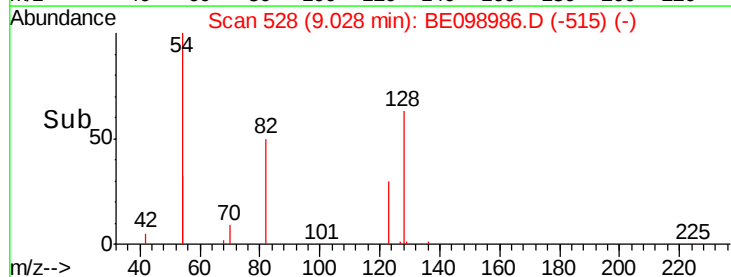


Abundance

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

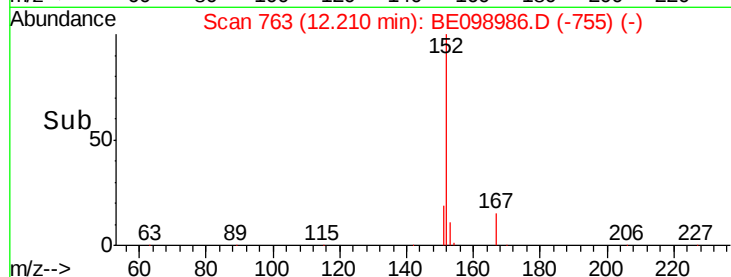
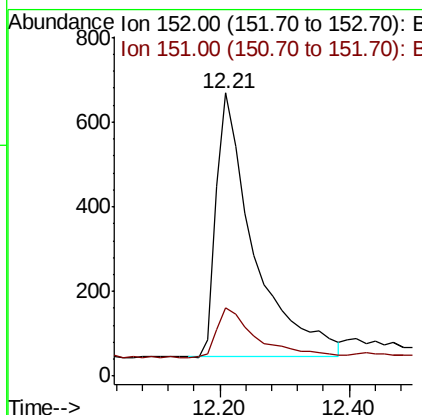
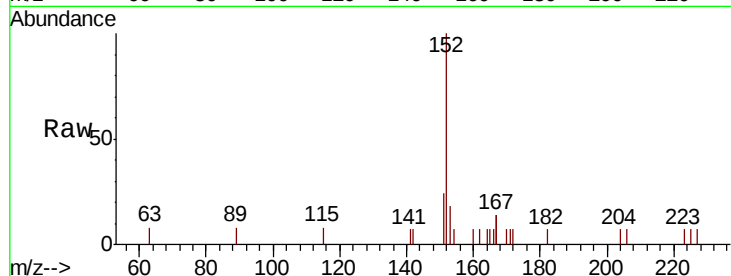




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.351 ng  
 RT: 12.21 min Scan# 763  
 Delta R.T. 0.02 min  
 Lab File: BE098986.D  
 Acq: 16 Mar 2019 00:50

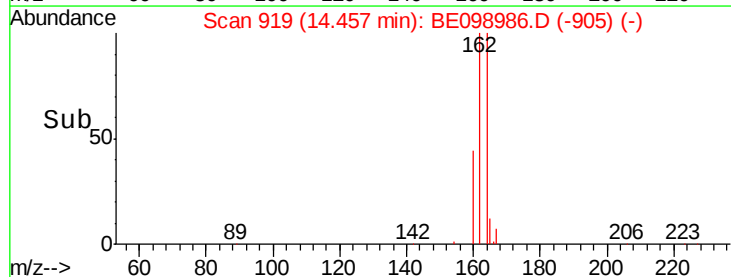
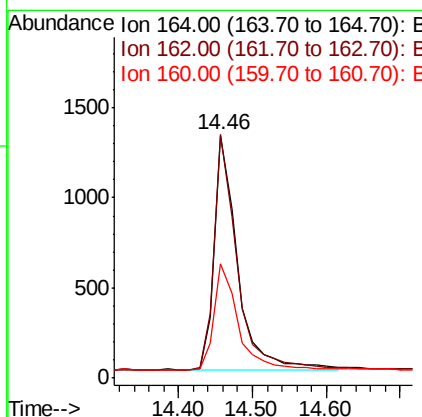
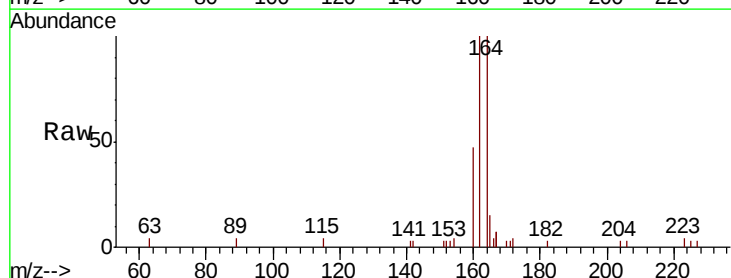
Instrument :  
 BNA\_E  
 ClientSampleId :  
 M3-T3-UV(POST)

Tgt Ion:152 Resp: 2490  
 Ion Ratio Lower Upper  
 152 100  
 151 20.2 16.5 24.7



#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.46 min Scan# 919  
 Delta R.T. 0.00 min  
 Lab File: BE098986.D  
 Acq: 16 Mar 2019 00:50

Tgt Ion:164 Resp: 2832  
 Ion Ratio Lower Upper  
 164 100  
 162 100.3 80.2 120.2  
 160 46.9 37.8 56.8

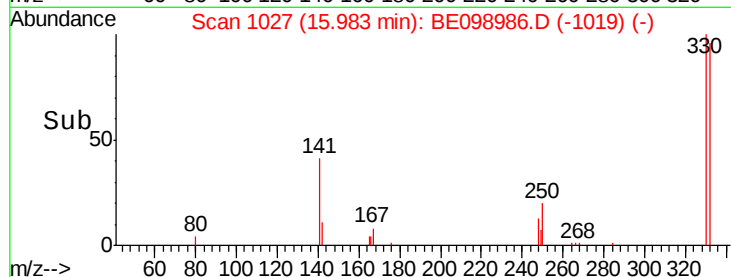
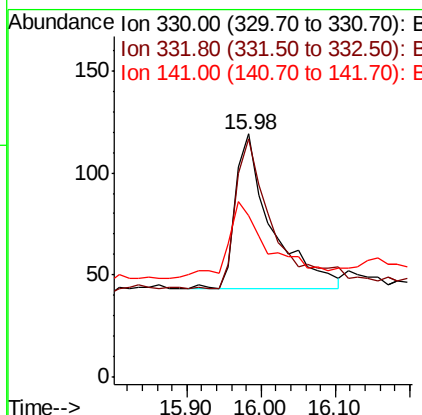
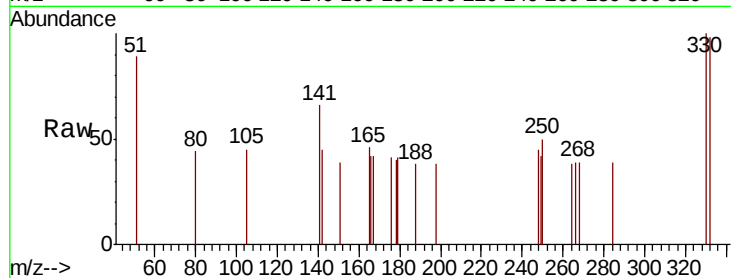




#14  
 2,4,6-Tribromophenol  
 Concen: 0.181 ng  
 RT: 15.98 min Scan# 1027  
 Delta R.T. 0.01 min  
 Lab File: BE098986.D  
 Acq: 16 Mar 2019 00:50

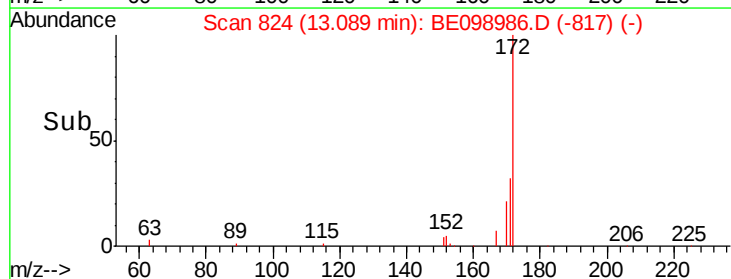
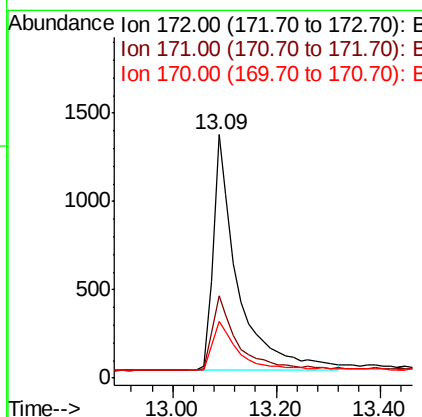
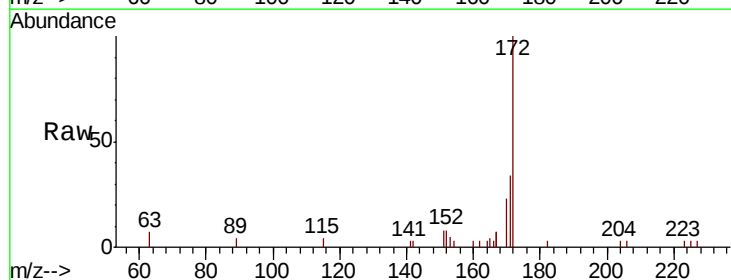
Instrument :  
 BNA\_E  
 ClientSampleId :  
 M3-T3-UV(POST)

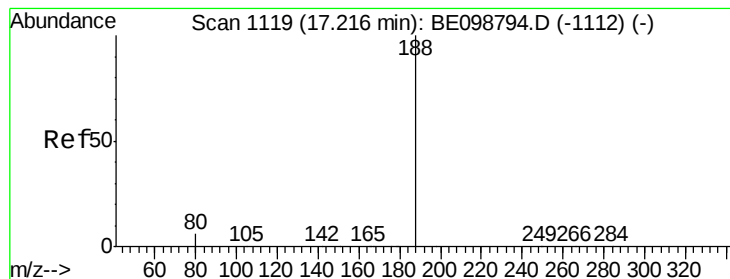
Tgt Ion: 330 Resp: 259  
 Ion Ratio Lower Upper  
 330 100  
 332 107.3 77.6 116.4  
 141 47.1 31.0 46.4#



#15  
 2-Fluorobiphenyl  
 Concen: 0.379 ng  
 RT: 13.09 min Scan# 824  
 Delta R.T. 0.00 min  
 Lab File: BE098986.D  
 Acq: 16 Mar 2019 00:50

Tgt Ion: 172 Resp: 4439  
 Ion Ratio Lower Upper  
 172 100  
 171 33.7 28.0 42.0  
 170 23.4 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098986.D

Acq: 16 Mar 2019 00:50

Instrument :

BNA\_E

ClientSampleId :

M3-T3-UV(POST)

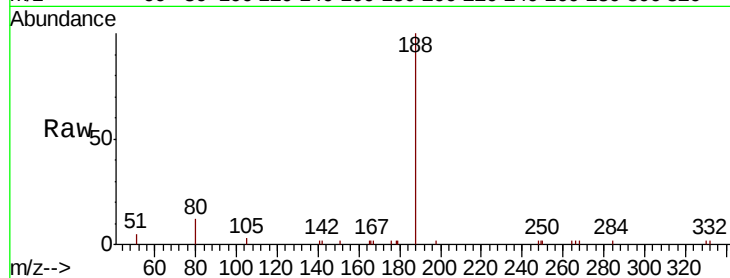
Tgt Ion:188 Resp: 6181

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

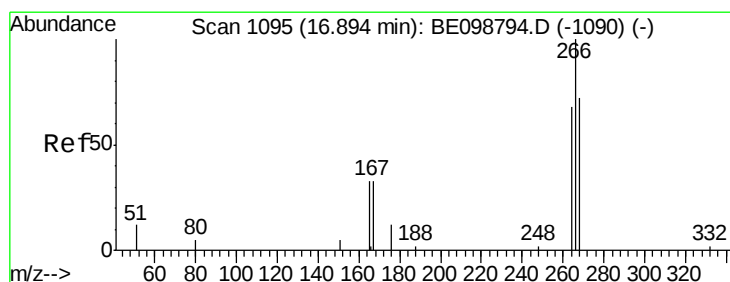
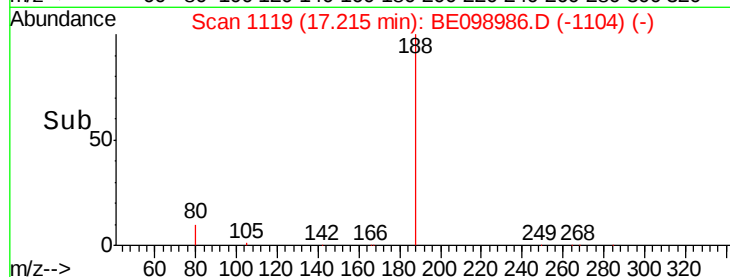
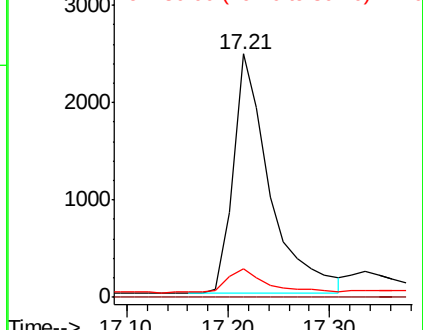
80 11.8 6.3 9.5#



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



#22

Pentachlorophenol

Concen: 0.269 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098986.D

Acq: 16 Mar 2019 00:50

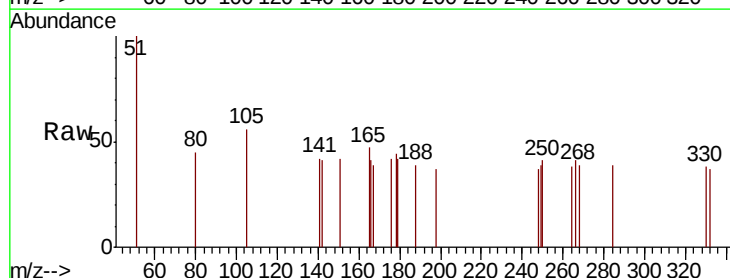
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.8 66.6 100.0

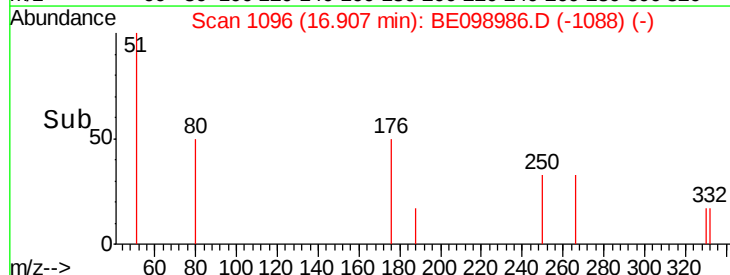
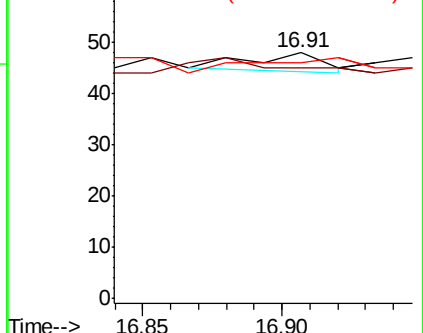
268 95.8 69.8 104.8



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





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098986.D

Acq: 16 Mar 2019 00:50

Instrument :

BNA\_E

ClientSampleId :

M3-T3-UV(POST)

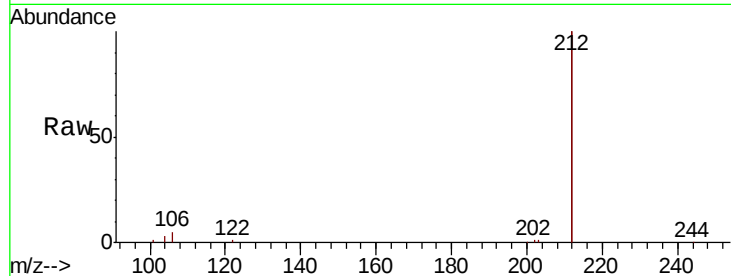
Tgt Ion:212 Resp: 36698

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

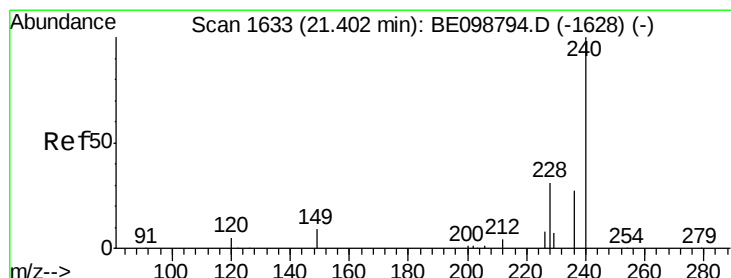
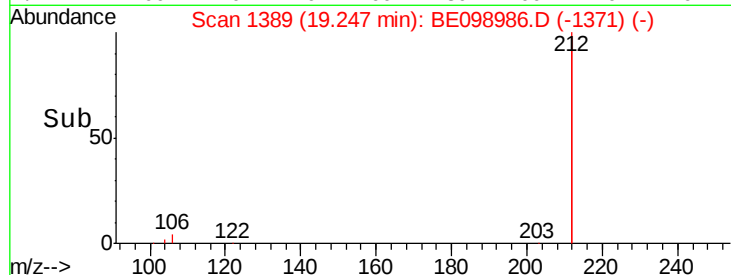
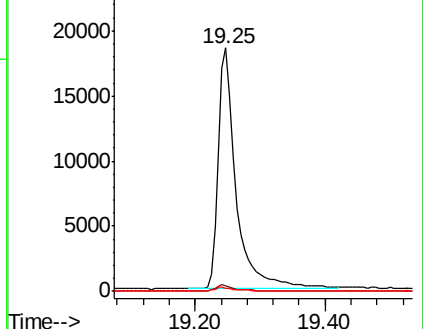
104 1.4 1.0 1.6



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098986.D

Acq: 16 Mar 2019 00:50

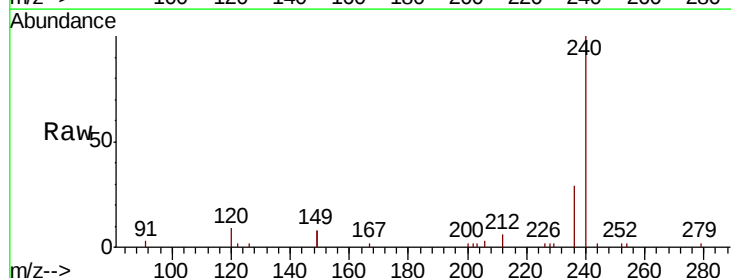
Tgt Ion:240 Resp: 7140

Ion Ratio Lower Upper

240 100

120 9.1 5.0 7.4#

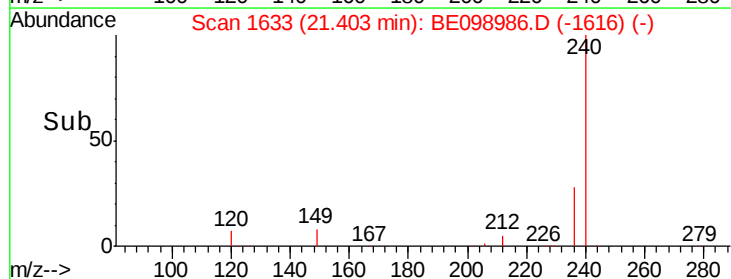
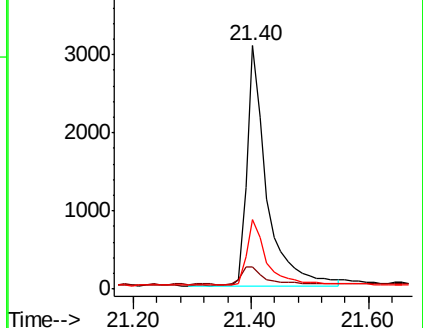
236 28.6 22.7 34.1



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





#29

Terphenyl-d14

Concen: 0.408 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098986.D

Acq: 16 Mar 2019 00:50

Instrument :

BNA\_E

ClientSampleId :

M3-T3-UV(POST)

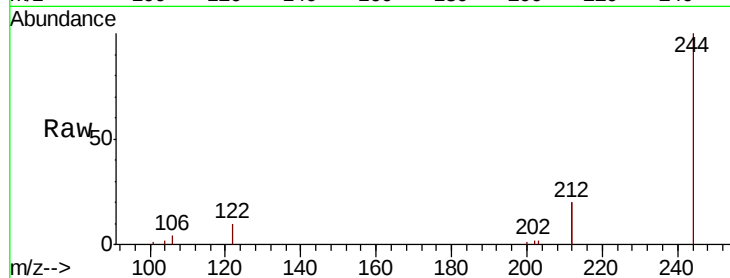
Tgt Ion:244 Resp: 7083

Ion Ratio Lower Upper

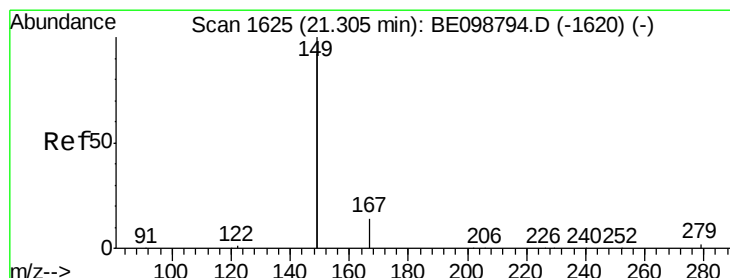
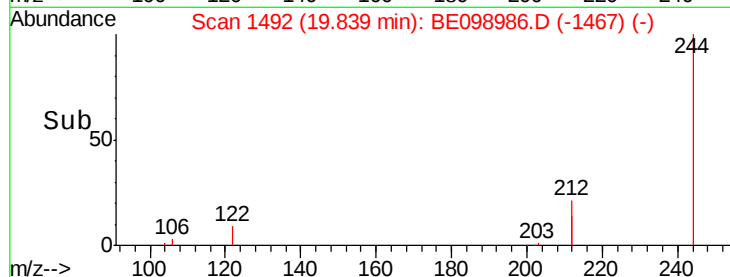
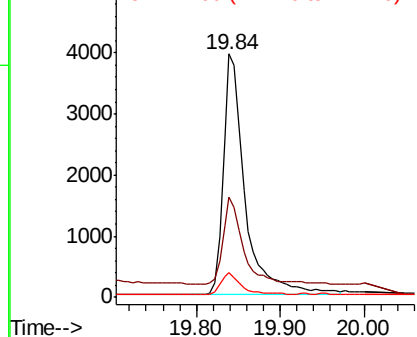
244 100

212 40.9 29.4 44.2

122 10.2 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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.075 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098986.D

Acq: 16 Mar 2019 00:50

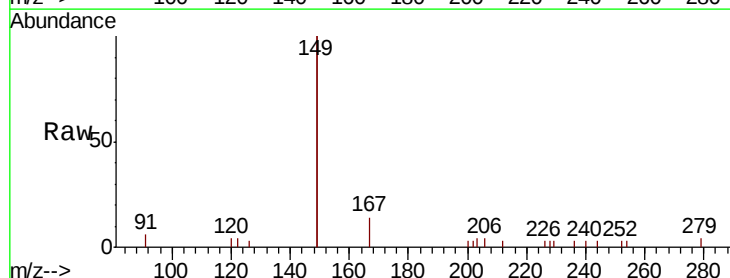
Tgt Ion:149 Resp: 3570

Ion Ratio Lower Upper

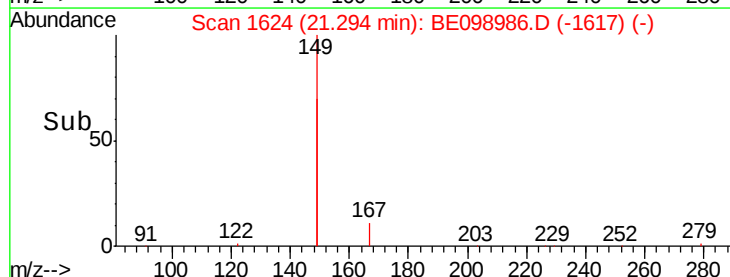
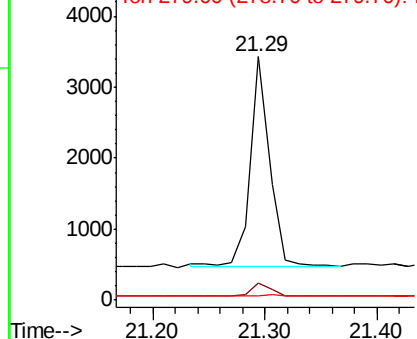
149 100

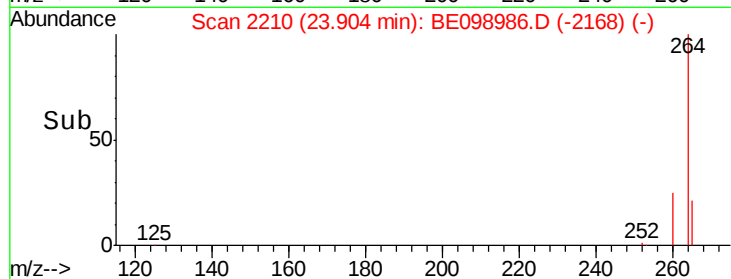
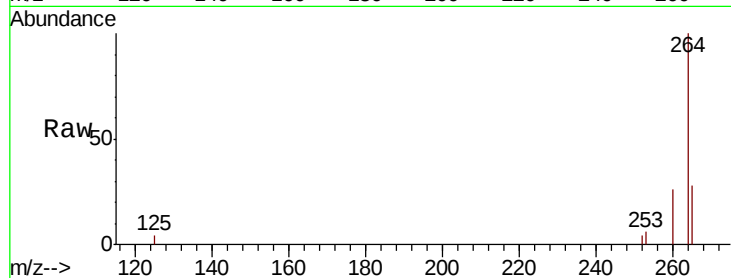
167 7.1 5.4 8.0

279 1.7 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





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BE098986.D

Acq: 16 Mar 2019 00:50

Instrument :

BNA\_E

ClientSampleId :

M3-T3-UV(POST)

Tgt Ion:264 Resp: 6704

Ion Ratio Lower Upper

264 100

260 26.0 21.2 31.8

265 28.5 24.6 36.8

