

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051719\  
 Data File : BE099653.D  
 Acq On : 17 May 2019 15:38  
 Operator : JU/SJ  
 Sample : K2873-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: May 17 18:27:54 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 14 19:30:50 2019  
 Response via : Initial Calibration

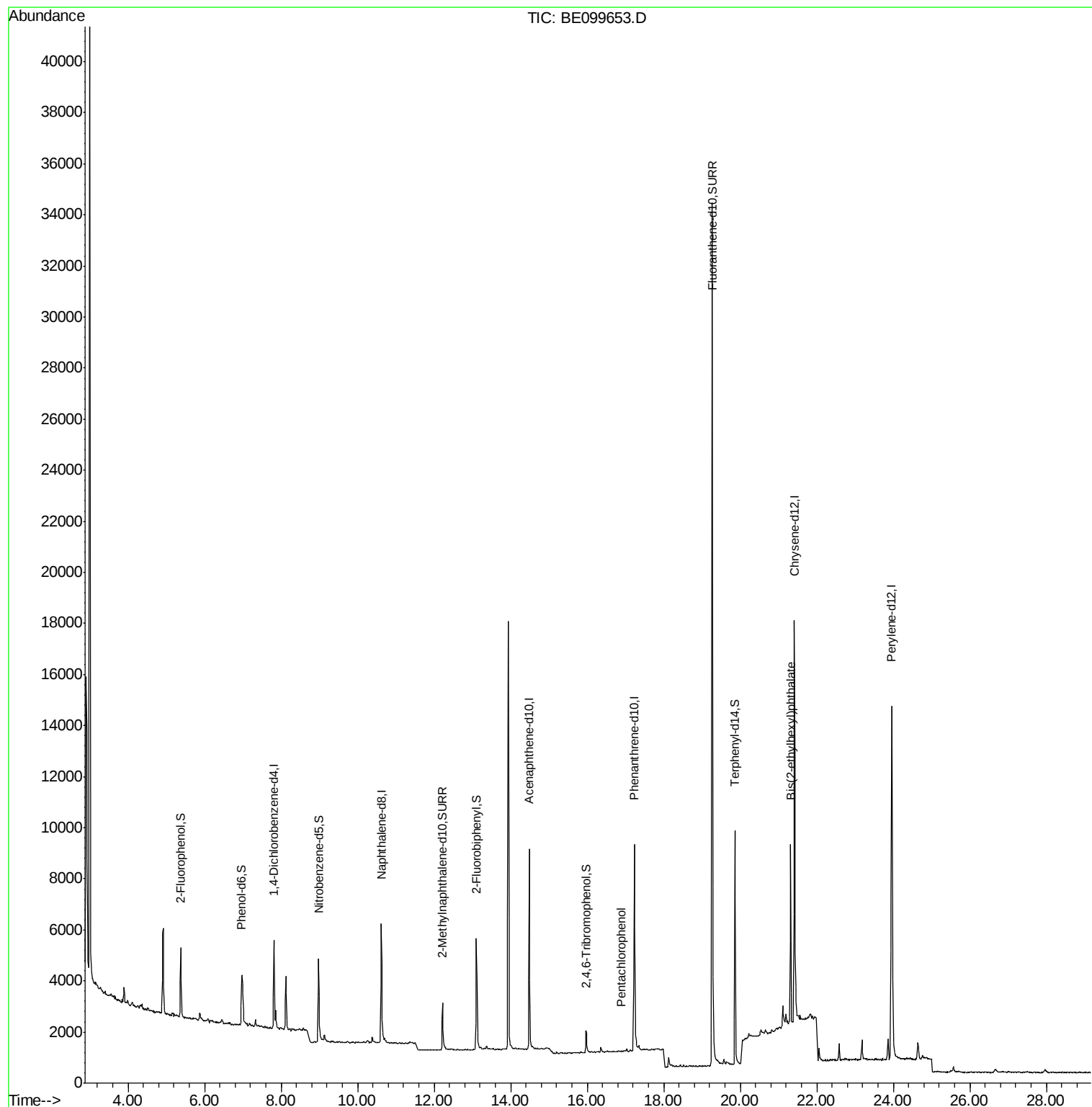
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)    |
|--------------------------------|-------|------|----------|-------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.81  | 152  | 1937     | 0.40  | ng    | -0.01       |
| 7) Naphthalene-d8              | 10.61 | 136  | 6496     | 0.40  | ng    | 0.00        |
| 13) Acenaphthene-d10           | 14.49 | 164  | 4546     | 0.40  | ng    | 0.00        |
| 19) Phenanthrene-d10           | 17.23 | 188  | 13579    | 0.40  | ng    | 0.00        |
| 27) Chrysene-d12               | 21.41 | 240  | 18769    | 0.40  | ng    | 0.00        |
| 34) Perylene-d12               | 23.96 | 264  | 22949    | 0.40  | ng    | 0.00        |
| System Monitoring Compounds    |       |      |          |       |       |             |
| 4) 2-Fluorophenol              | 5.38  | 112  | 1627     | 0.30  | ng    | 0.00        |
| 5) Phenol-d6                   | 6.97  | 99   | 2241     | 0.32  | ng    | -0.01       |
| 8) Nitrobenzene-d5             | 8.98  | 82   | 1719     | 0.27  | ng    | 0.00        |
| 11) 2-Methylnaphthalene-d10    | 12.22 | 152  | 3007     | 0.28  | ng    | 0.00        |
| 14) 2,4,6-Tribromophenol       | 15.98 | 330  | 729      | 0.23  | ng    | 0.00        |
| 15) 2-Fluorobiphenyl           | 13.10 | 172  | 4927     | 0.28  | ng    | 0.00        |
| 25) Fluoranthene-d10           | 19.27 | 212  | 48967    | 0.27  | ng    | 0.00        |
| 29) Terphenyl-d14              | 19.86 | 244  | 9823     | 0.29  | ng    | 0.00        |
| Target Compounds               |       |      |          |       |       |             |
| 22) Pentachlorophenol          | 16.88 | 266  | 18       | 0.279 | ng    | Qvalue # 73 |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149  | 8148     | 0.093 | ng    | 100         |

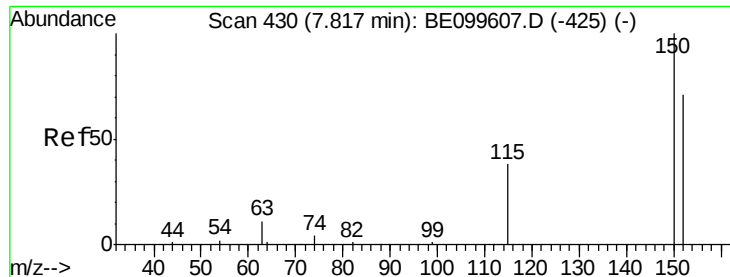
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051719\  
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Sample : K2873-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :

Quant Time: May 17 18:27:54 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 14 19:30:50 2019  
Response via : Initial Calibration



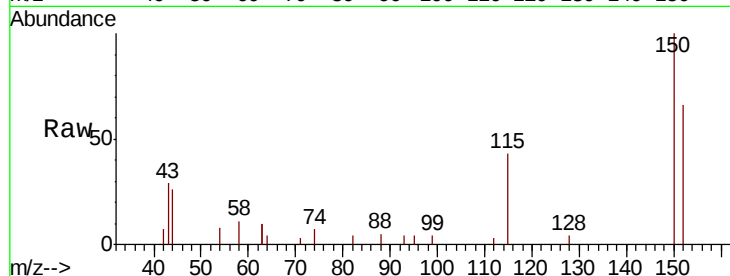


#1

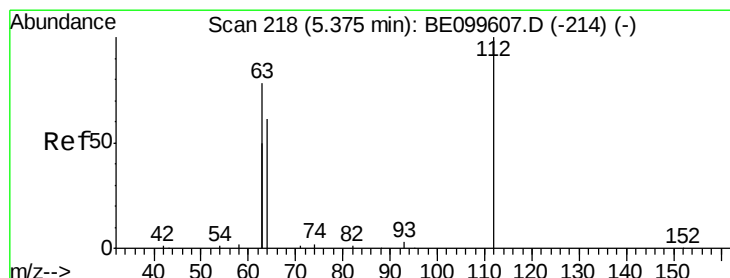
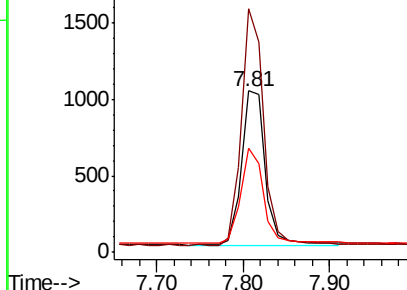
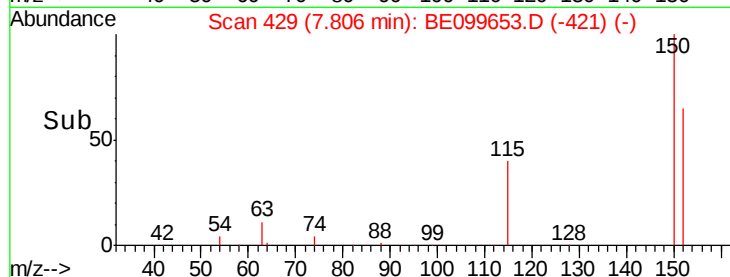
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.81 min Scan# 429  
Delta R.T. -0.01 min  
Lab File: BE099653.D  
Acq: 17 May 2019 15:38

Instrument :  
BNA\_E  
ClientSampleId :

Tot Ion:152 Resp: 1937  
Ion Ratio Lower Upper  
152 100  
150 150.9 110.1 165.1  
115 64.8 46.2 69.4



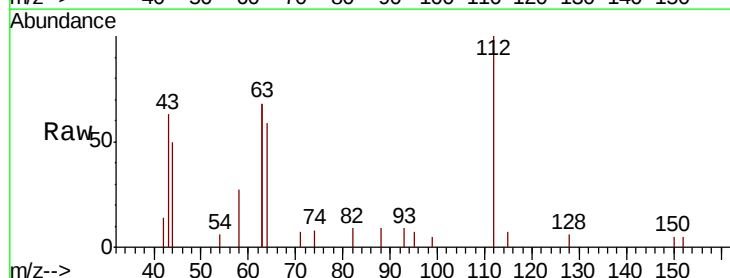
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



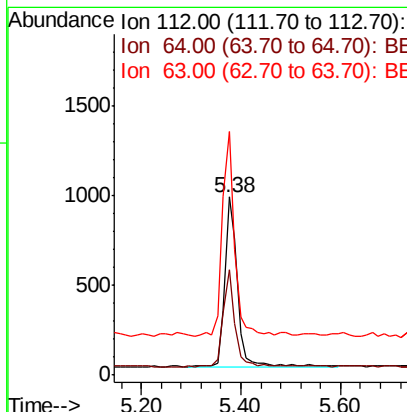
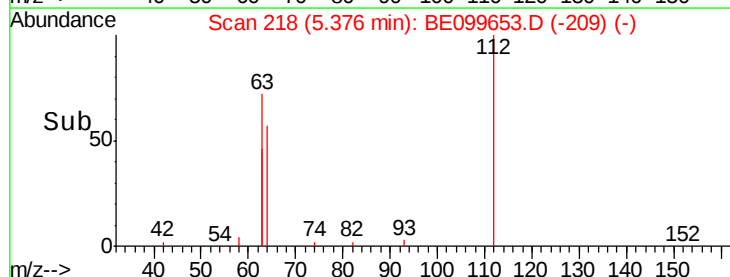
#4

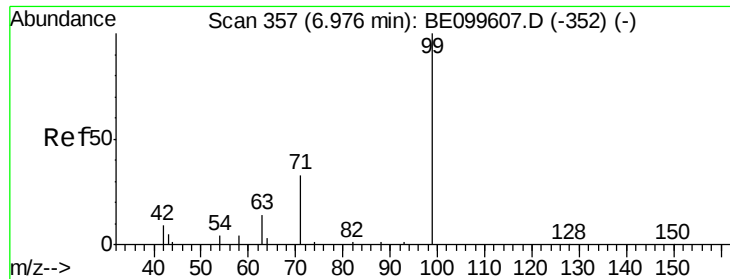
2-Fluorophenol  
Concen: 0.296 ng  
RT: 5.38 min Scan# 218  
Delta R.T. 0.00 min  
Lab File: BE099653.D  
Acq: 17 May 2019 15:38

Tgt Ion:112 Resp: 1627  
Ion Ratio Lower Upper  
112 100  
64 53.7 43.7 65.5  
63 117.7 94.0 141.0



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: 0.321 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099653.D

Acq: 17 May 2019 15:38

Instrument :

BNA\_E

ClientSampleId :

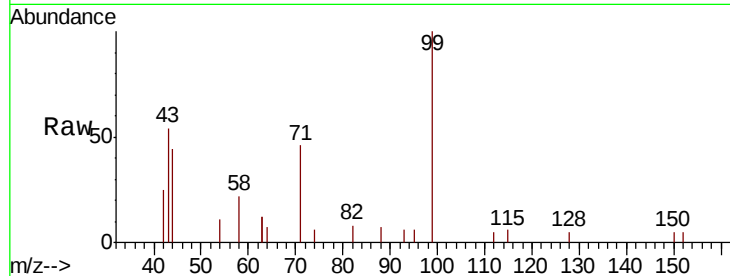
Tot Ion: 99 Resp: 2241

Ion Ratio Lower Upper

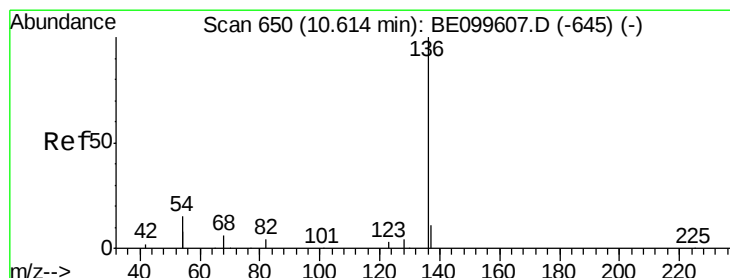
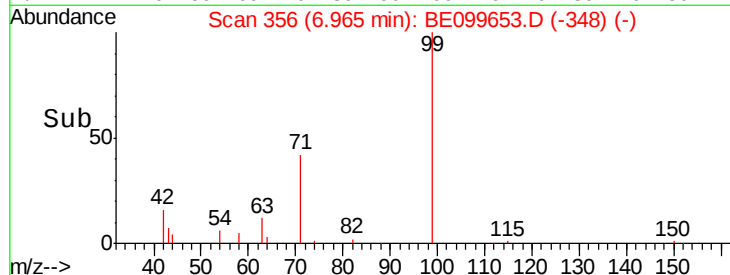
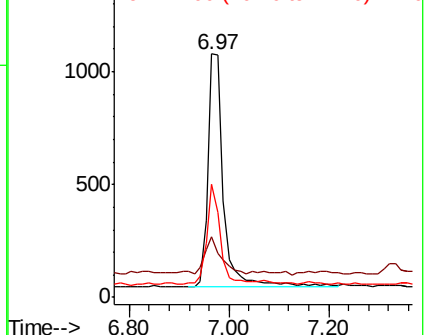
99 100

42 16.6 14.3 21.5

71 36.6 33.1 49.7



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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099653.D

Acq: 17 May 2019 15:38

Tgt Ion: 136 Resp: 6496

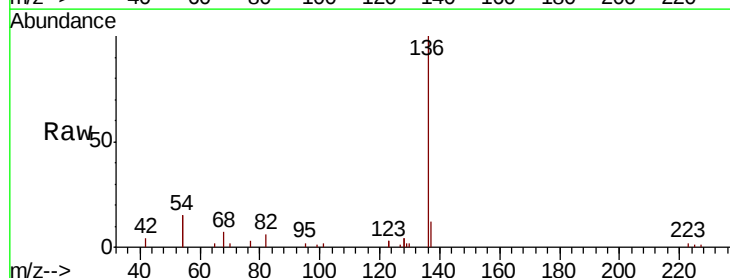
Ion Ratio Lower Upper

136 100

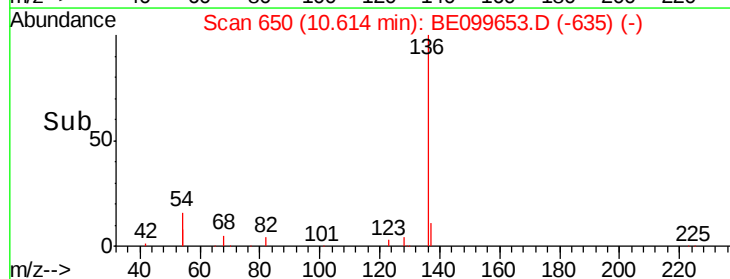
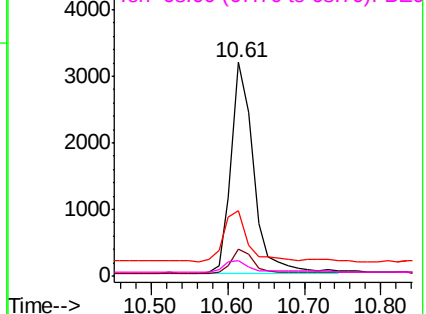
137 12.4 9.7 14.5

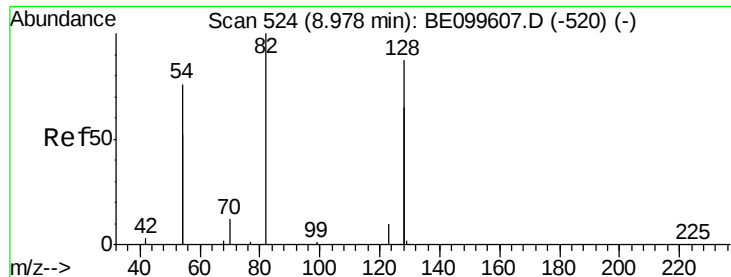
54 30.7 23.8 35.8

68 7.0 6.2 9.2



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: 0.273 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099653.D

Acq: 17 May 2019 15:38

Instrument :

BNA\_E

ClientSampleId :

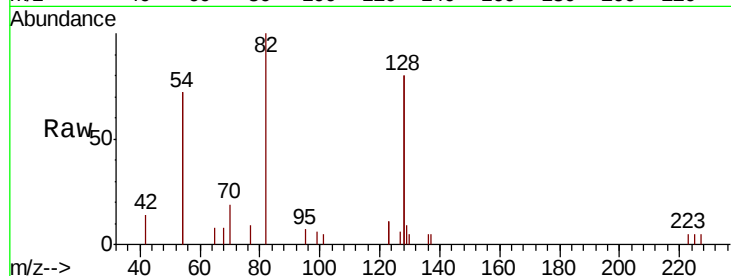
Tot Ion: 82 Resp: 1719

Ion Ratio Lower Upper

82 100

128 159.1 131.4 197.2

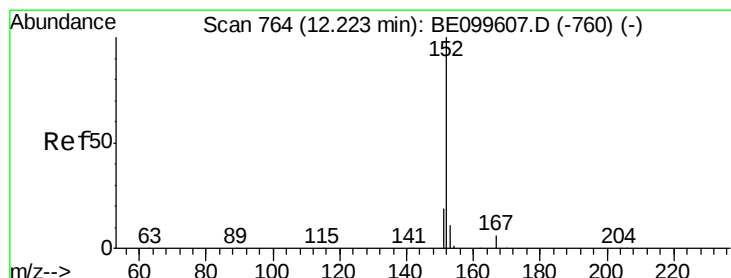
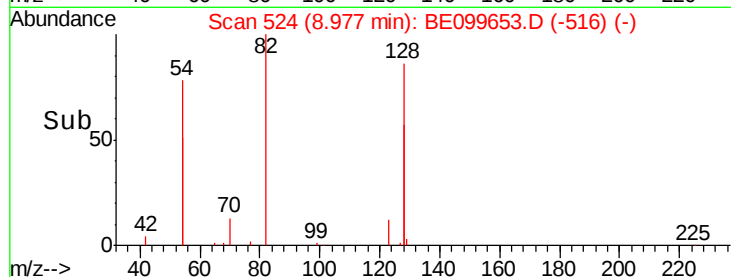
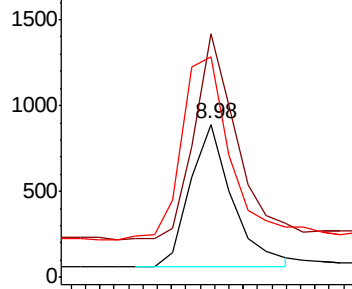
54 144.6 113.9 170.9



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.275 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099653.D

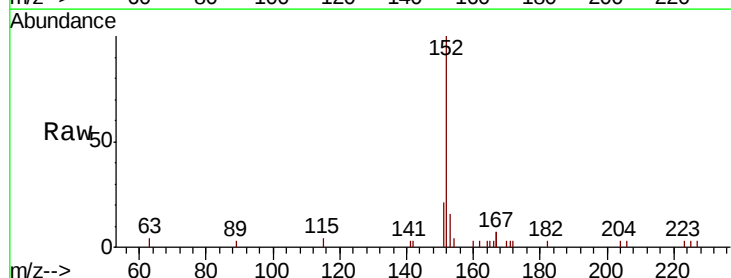
Acq: 17 May 2019 15:38

Tgt Ion: 152 Resp: 3007

Ion Ratio Lower Upper

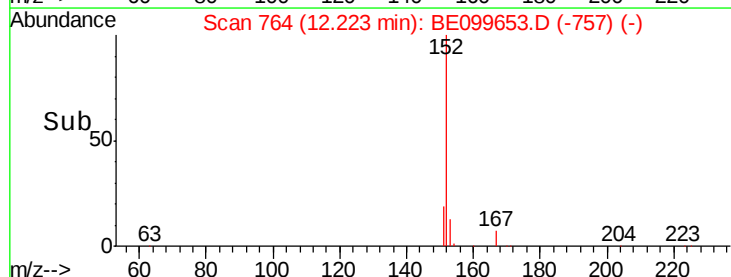
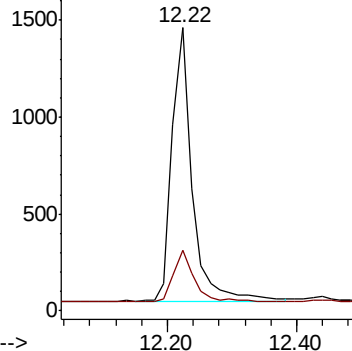
152 100

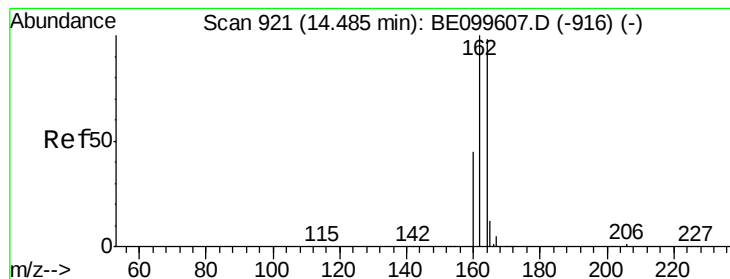
151 19.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099653.D

Acq: 17 May 2019 15:38

Instrument :

BNA\_E

ClientSampleId :

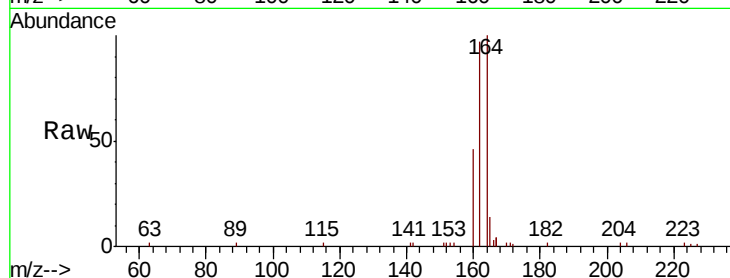
Tot Ion:164 Resp: 4546

Ion Ratio Lower Upper

164 100

162 96.7 81.4 122.0

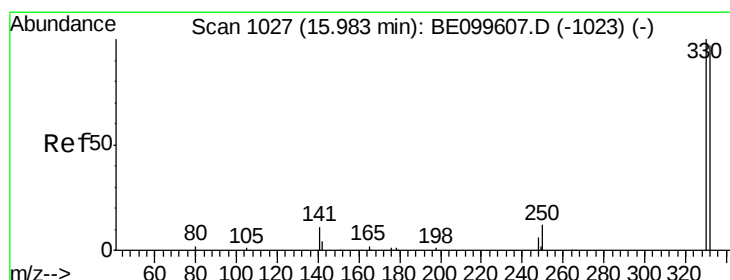
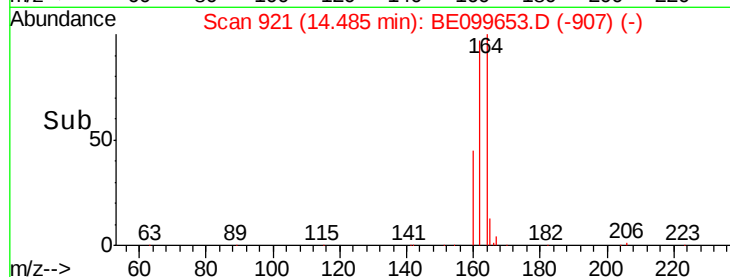
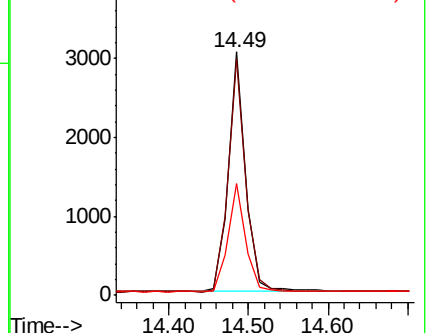
160 46.0 37.4 56.2



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: 0.234 ng

RT: 15.98 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE099653.D

Acq: 17 May 2019 15:38

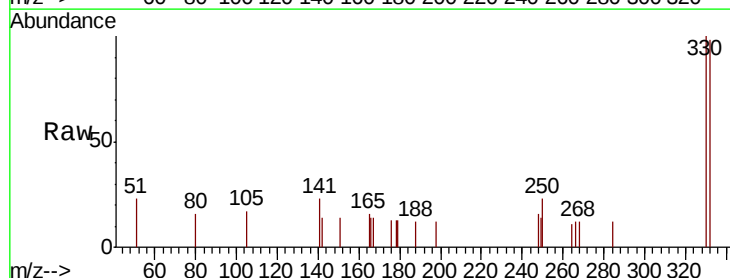
Tgt Ion:330 Resp: 729

Ion Ratio Lower Upper

330 100

332 100.5 73.8 110.8

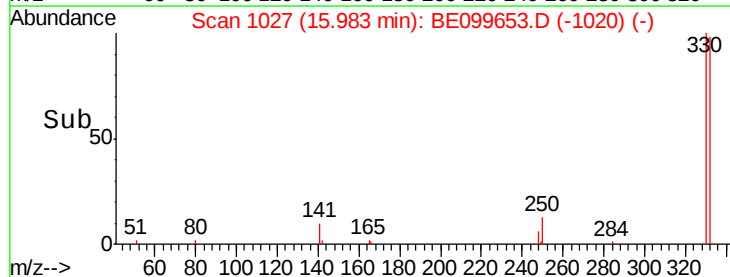
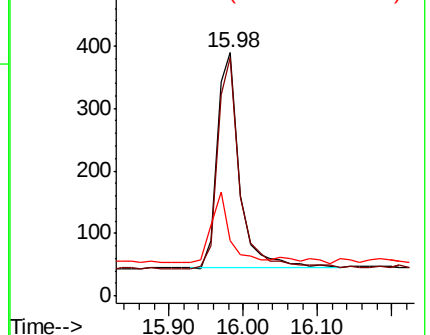
141 27.2 21.0 31.6

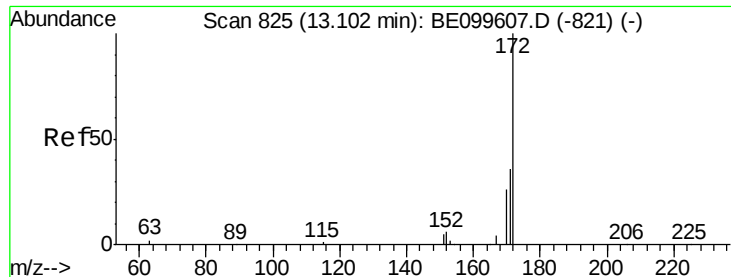


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

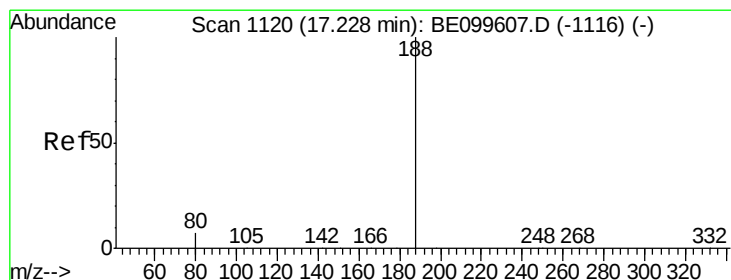
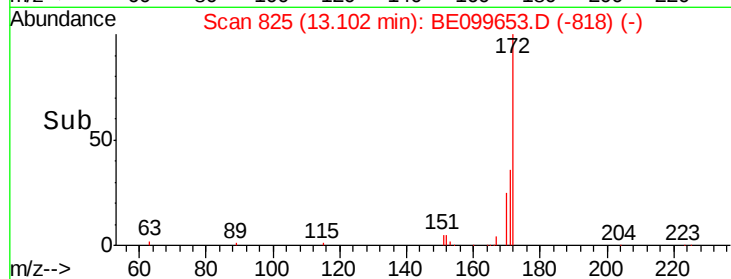
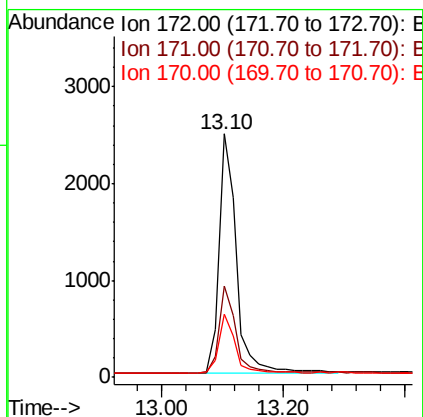
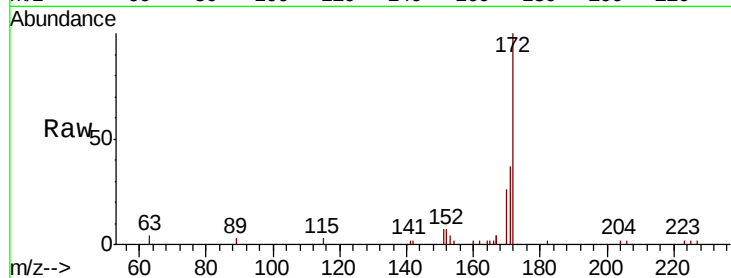




#15  
2-Fluorobiphenyl  
Concen: 0.281 ng  
RT: 13.10 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: BE099653.D  
Acq: 17 May 2019 15:38

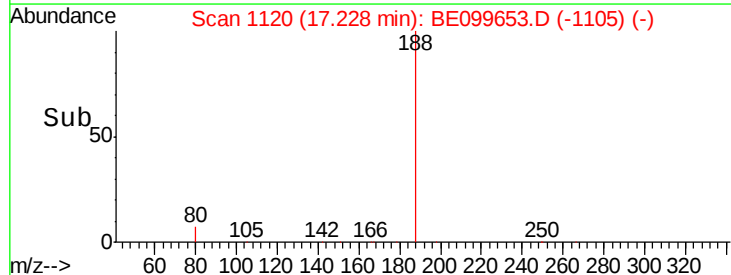
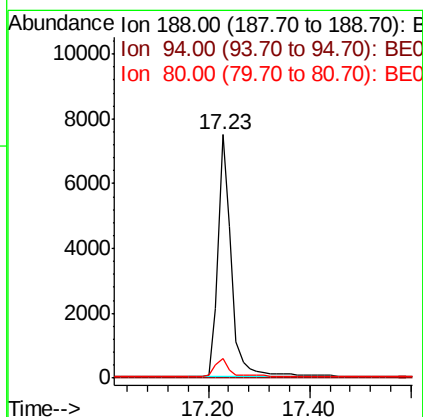
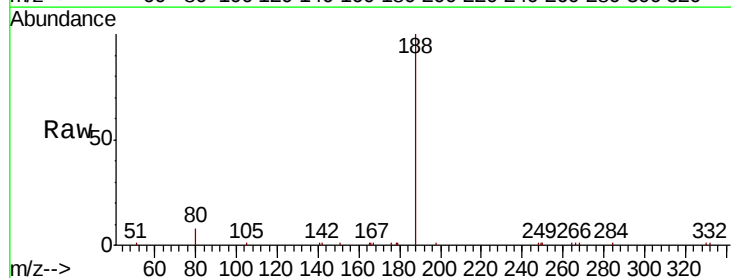
Instrument :  
BNA\_E  
ClientSampleId :

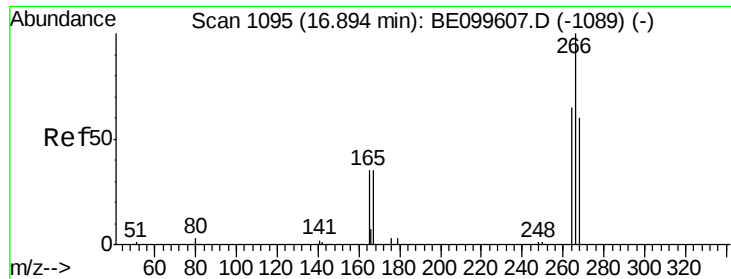
Tot Ion:172 Resp: 4927  
Ion Ratio Lower Upper  
172 100  
171 37.4 29.4 44.2  
170 26.1 21.5 32.3



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.23 min Scan# 1120  
Delta R.T. -0.00 min  
Lab File: BE099653.D  
Acq: 17 May 2019 15:38

Tgt Ion:188 Resp: 13579  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.2 6.4 9.6





#22

Pentachlorophenol

Concen: 0.279 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099653.D

Acq: 17 May 2019 15:38

Instrument :

BNA\_E

ClientSampleId :

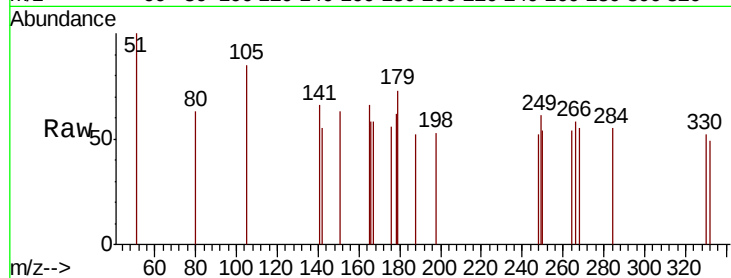
Tot Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 92.3 57.7 86.5#

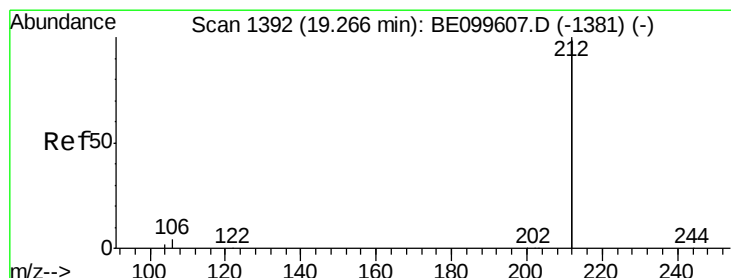
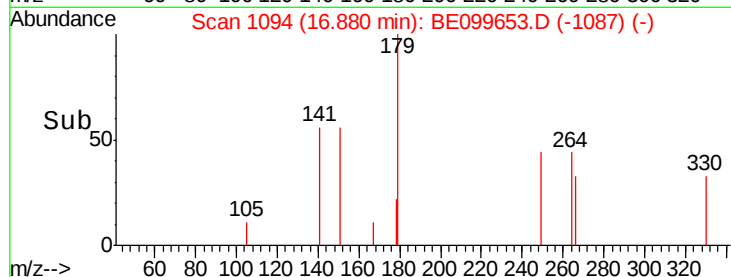
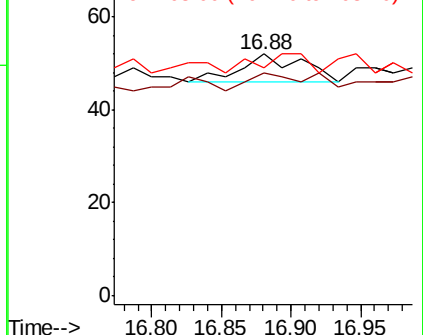
268 94.2 55.8 83.8#



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: 0.271 ng

RT: 19.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BE099653.D

Acq: 17 May 2019 15:38

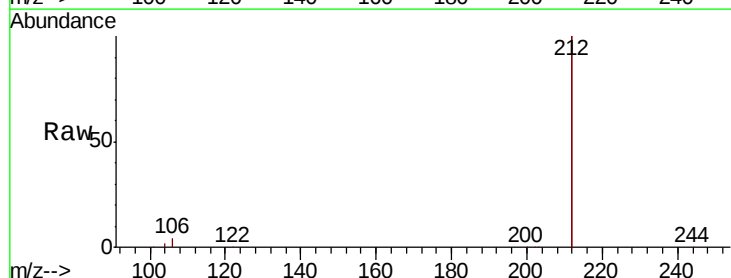
Tgt Ion:212 Resp: 48967

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

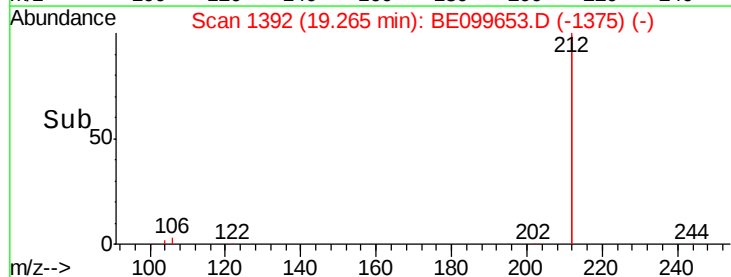
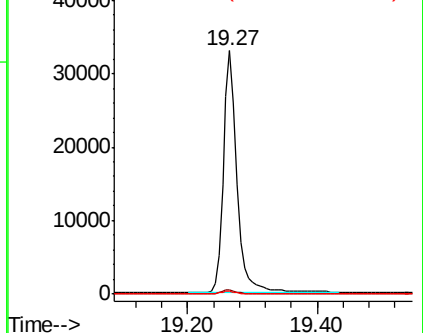
104 1.1 0.9 1.3

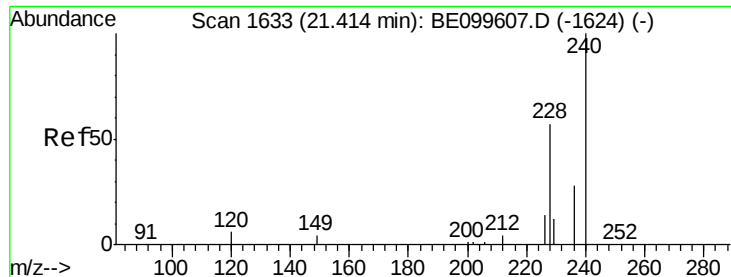


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099653.D

Acq: 17 May 2019 15:38

Instrument :

BNA\_E

ClientSampleId :

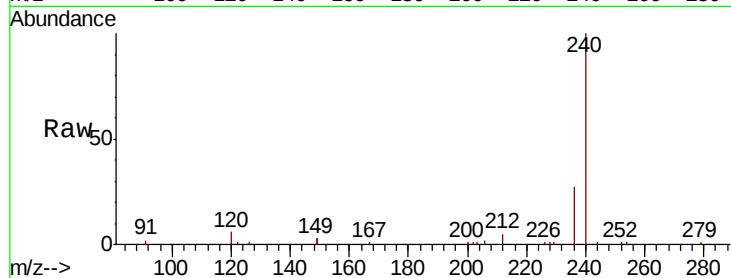
Tot Ion:240 Resp: 18769

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

236 27.2 22.8 34.2

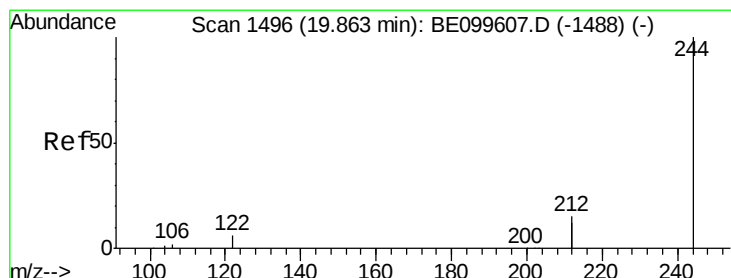
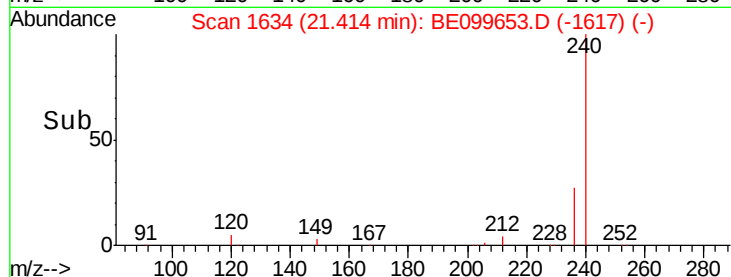
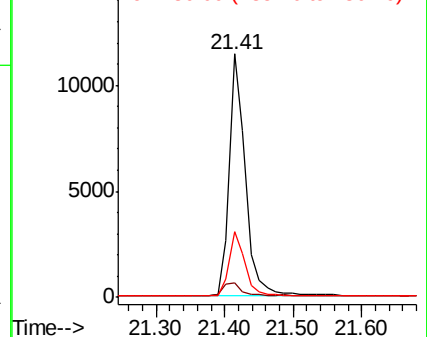


Abundance

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: 0.291 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099653.D

Acq: 17 May 2019 15:38

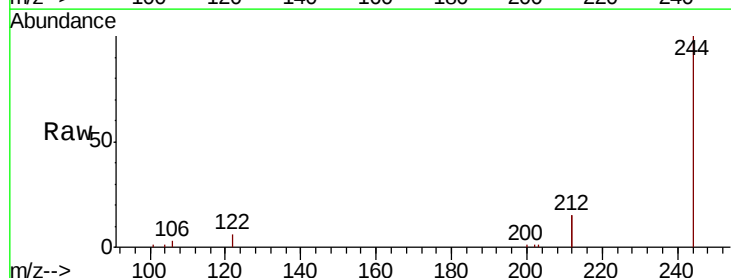
Tgt Ion:244 Resp: 9823

Ion Ratio Lower Upper

244 100

212 29.3 23.8 35.6

122 5.7 5.0 7.6

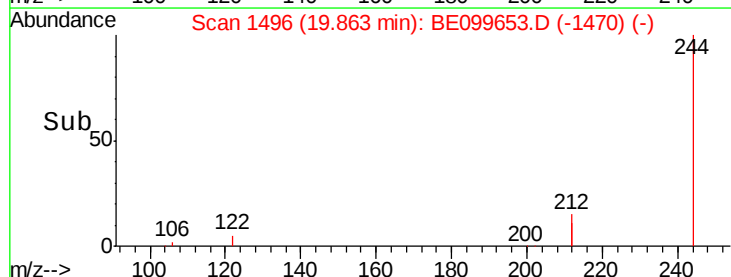
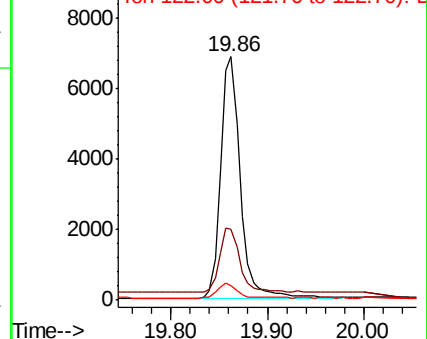


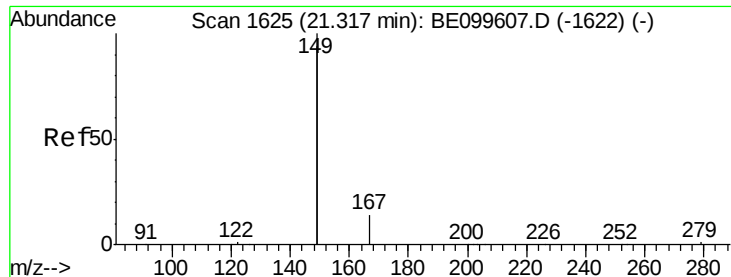
Abundance

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: 0.093 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099653.D

Acq: 17 May 2019 15:38

Instrument :

BNA\_E

ClientSampleId :

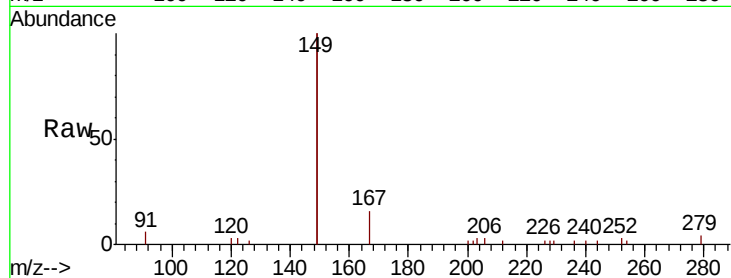
Tot Ion:149 Resp: 8148

Ion Ratio Lower Upper

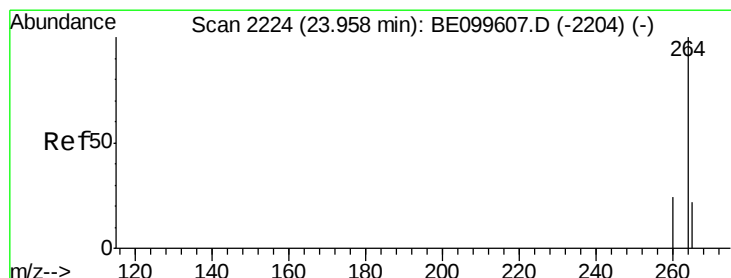
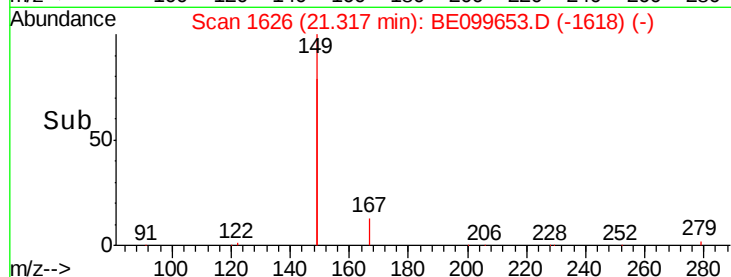
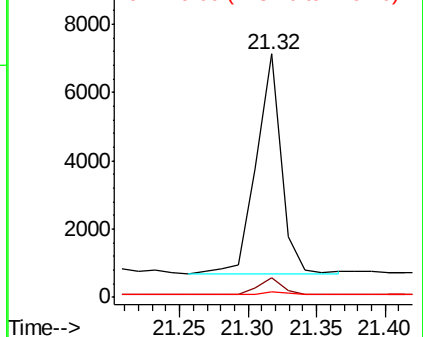
149 100

167 7.5 6.0 9.0

279 1.4 1.1 1.7



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: 23.96 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BE099653.D

Acq: 17 May 2019 15:38

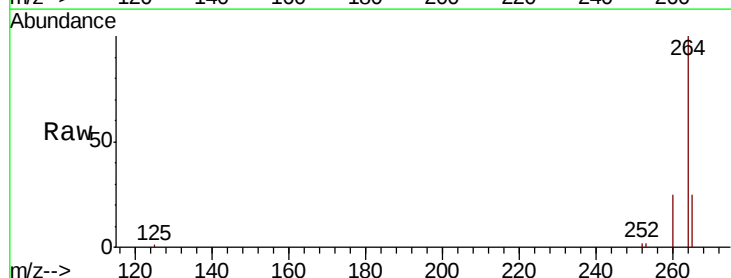
Tgt Ion:264 Resp: 22949

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

265 24.7 21.2 31.8



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

