

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\  
 Data File : BF113639.D  
 Acq On : 6 Apr 2019 2:34  
 Operator : JU/SJ  
 Sample : K2265-01 10X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 06 03:22:11 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 04 04:05:31 2019  
 Response via : Initial Calibration

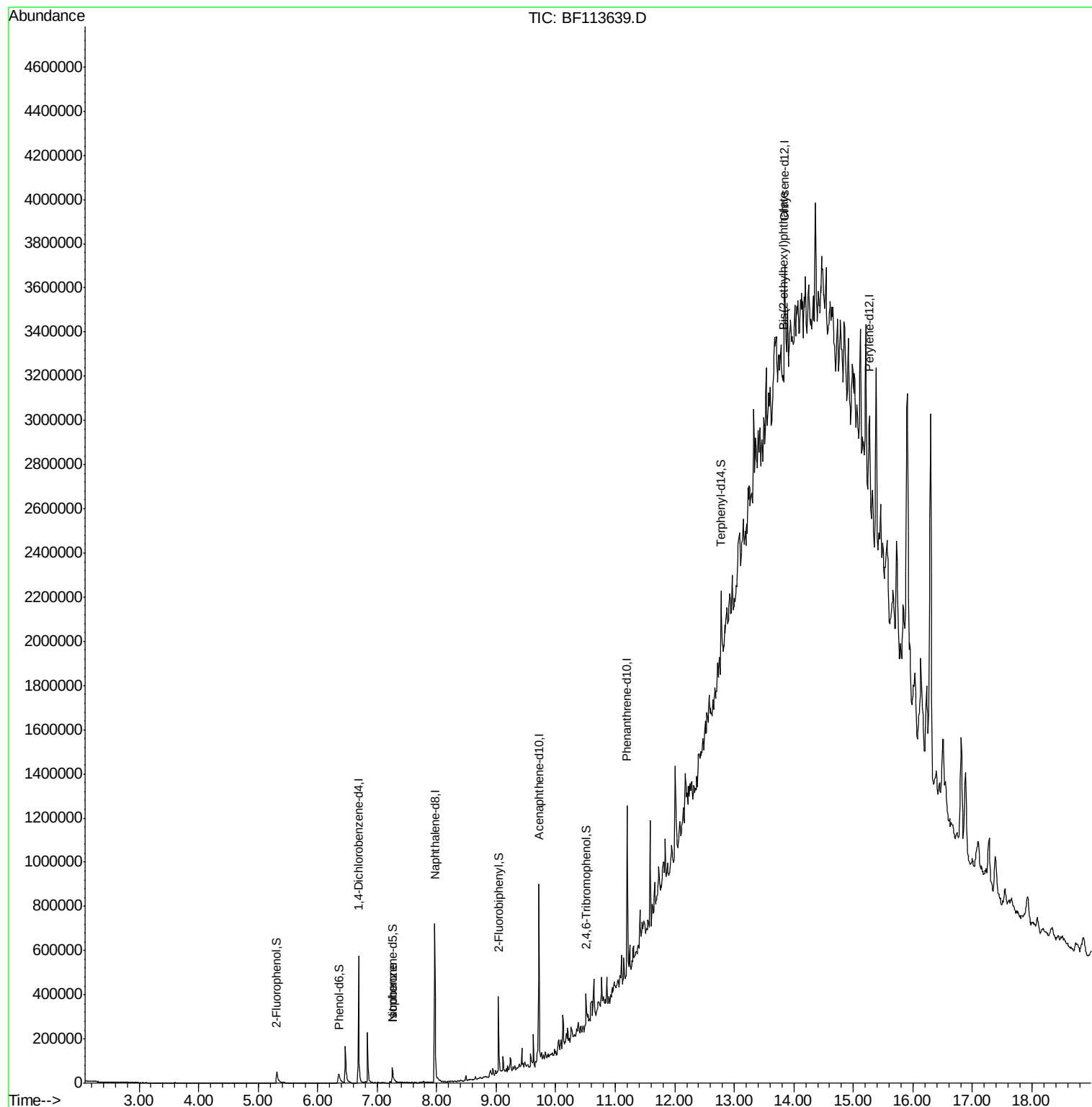
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.69  | 152  | 100724   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 7.97  | 136  | 374583   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10           | 9.72  | 164  | 163848   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10           | 11.20 | 188  | 301781   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12               | 13.84 | 240  | 147093   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12               | 15.27 | 264  | 126078   | 20.00 | ng    | 0.02     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.31  | 112  | 35149    | 5.95  | ng    | 0.01     |
| 7) Phenol-d6                   | 6.36  | 99   | 29018    | 3.99  | ng    | 0.02     |
| 23) Nitrobenzene-d5            | 7.25  | 82   | 42494    | 6.64  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol       | 10.51 | 330  | 20899    | 10.62 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl           | 9.04  | 172  | 121875   | 11.97 | ng    | -0.01    |
| 79) Terphenyl-d14              | 12.78 | 244  | 98572    | 13.64 | ng    | -0.01    |
| Target Compounds               |       |      |          |       |       |          |
| 25) Isophorone                 | 7.25  | 82   | 42493    | 3.449 | ng    | # 64     |
| 84) Bis(2-ethylhexyl)phthalate | 13.82 | 149  | 25567    | 4.642 | ng    | # 74     |

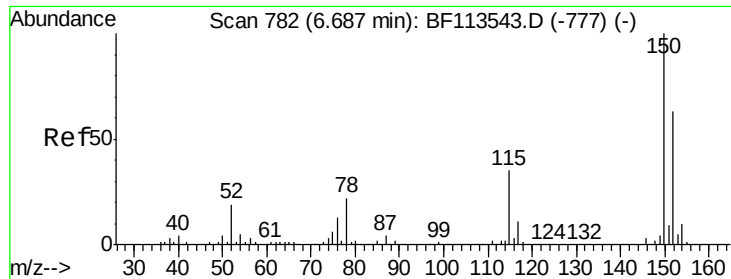
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
BNA\_F  
ClientSampled :

Quant Time: Apr 06 03:22:11 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 04 04:05:31 2019  
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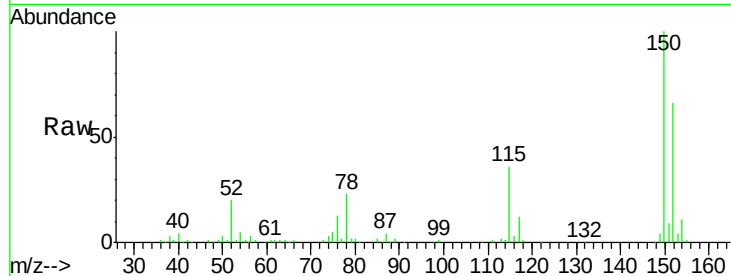


#1

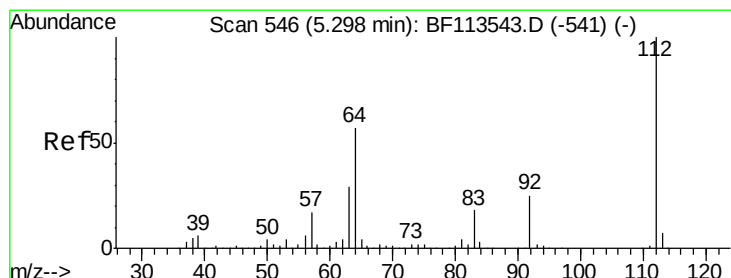
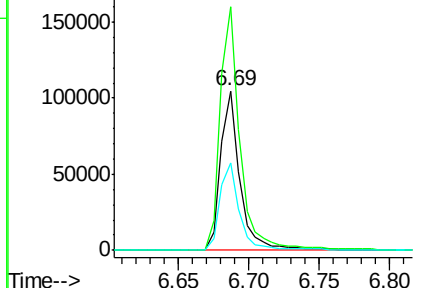
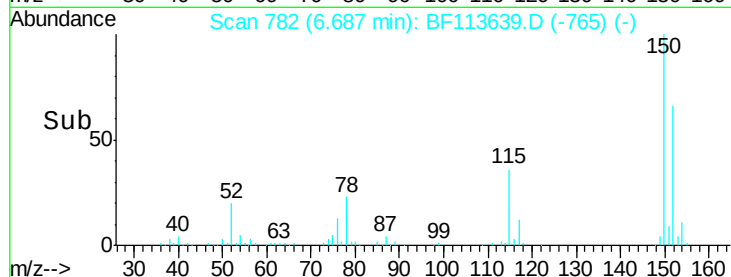
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.69 min Scan# 782  
Delta R.T. 0.00 min  
Lab File: BF113639.D  
Acq: 6 Apr 2019 2:34

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 100724  
Ion Ratio Lower Upper  
152 100  
150 152.7 124.7 187.1  
115 54.9 46.0 69.0



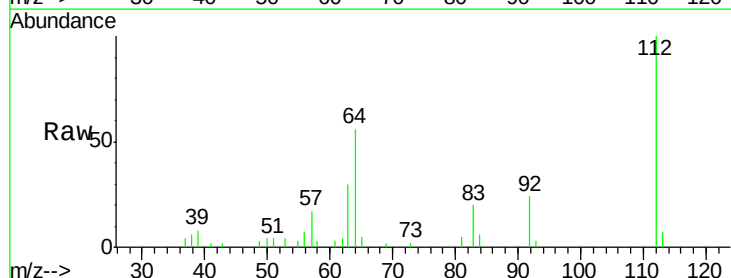
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



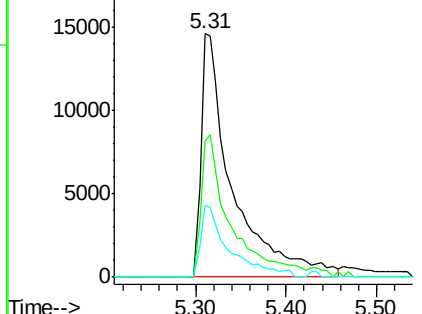
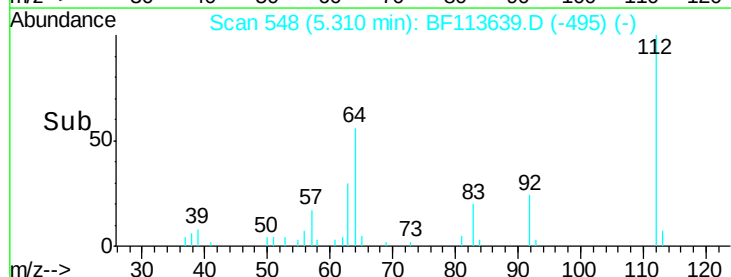
#5

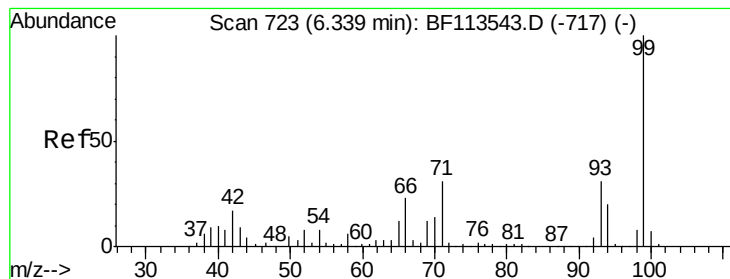
2-Fluorophenol  
Concen: 5.951 ng  
RT: 5.31 min Scan# 548  
Delta R.T. 0.01 min  
Lab File: BF113639.D  
Acq: 6 Apr 2019 2:34

Tgt Ion:112 Resp: 35149  
Ion Ratio Lower Upper  
112 100  
64 55.9 49.2 73.8  
63 29.9 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 3.986 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.02 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

Instrument :

BNA\_F

ClientSampleId :

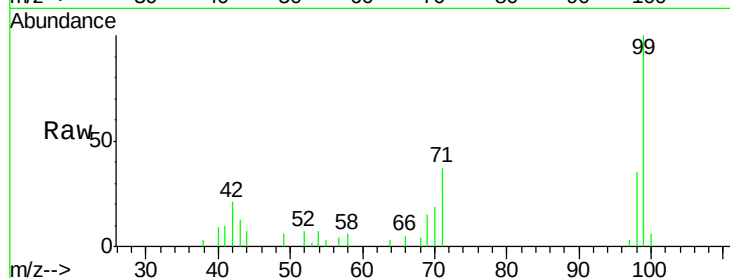
Tot Ion: 99 Resp: 29018

Ion Ratio Lower Upper

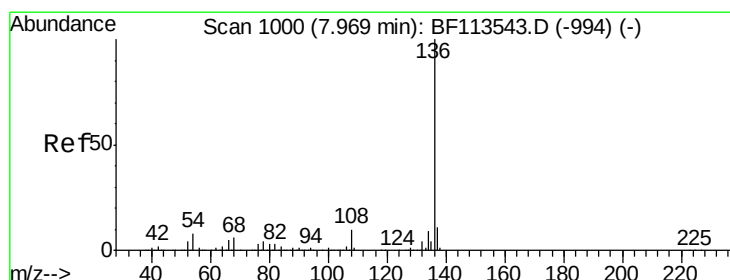
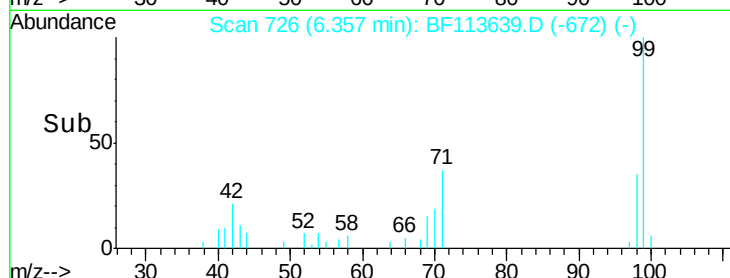
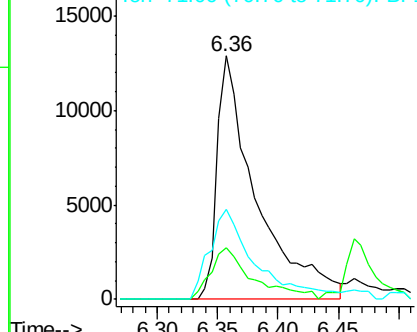
99 100

42 21.2 14.8 22.2

71 36.7 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

Tgt Ion: 136 Resp: 374583

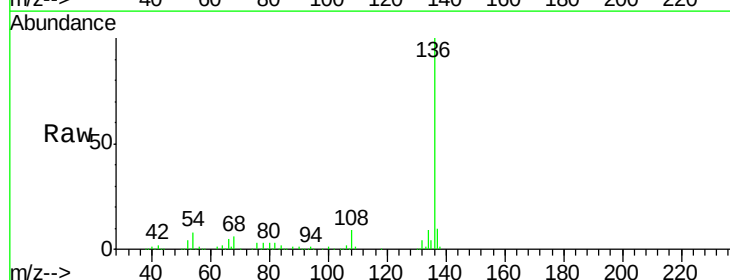
Ion Ratio Lower Upper

136 100

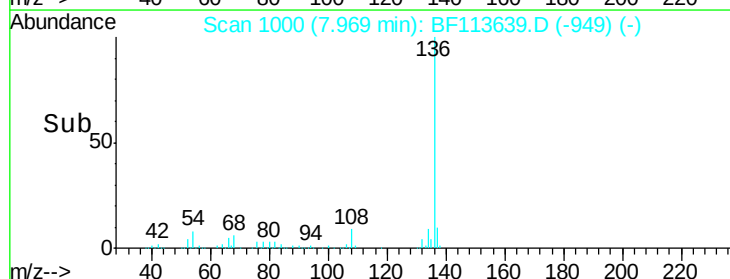
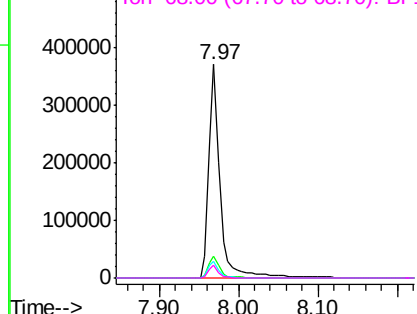
137 10.3 8.9 13.3

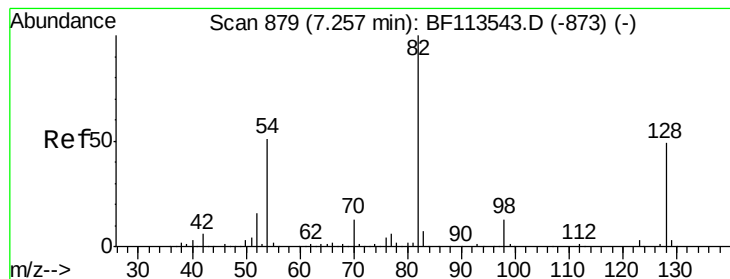
54 7.9 7.0 10.6

68 5.7 4.8 7.2



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): BF1  
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 6.645 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

Instrument :

BNA\_F

ClientSampled :

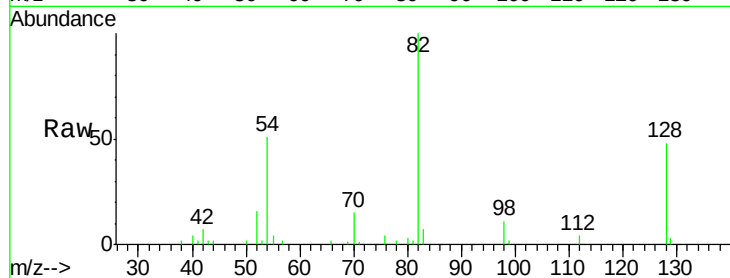
Tot Ion: 82 Resp: 42494

Ion Ratio Lower Upper

82 100

128 48.1 36.5 54.7

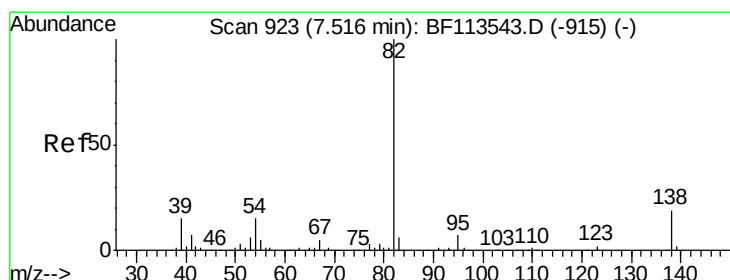
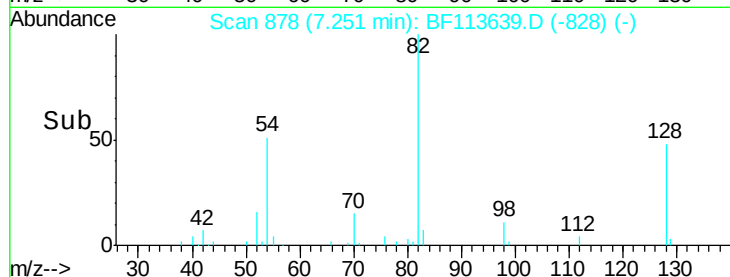
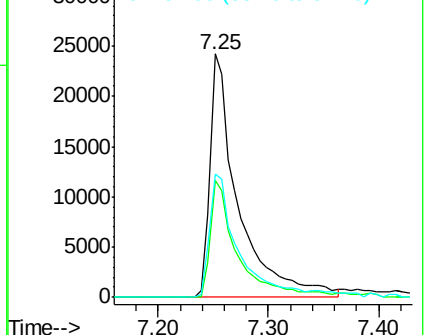
54 50.9 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 3.449 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.26 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

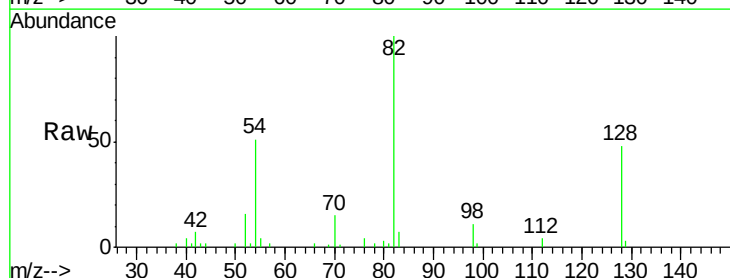
Tgt Ion: 82 Resp: 42493

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

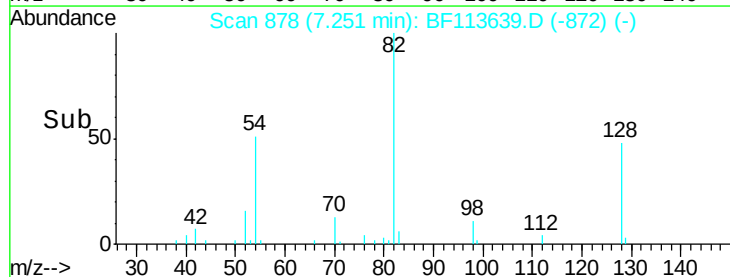
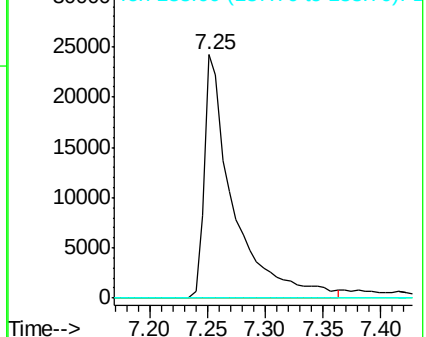
138 0.0 15.2 22.8#

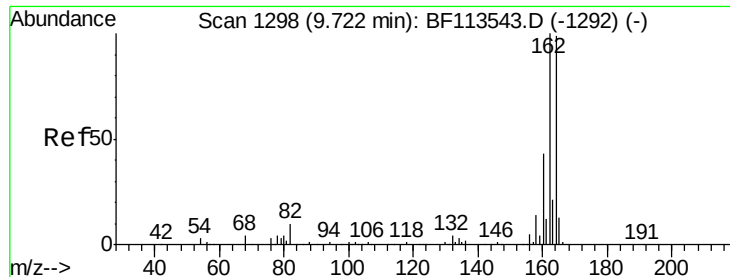


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

Instrument :

BNA\_F

ClientSampleId :

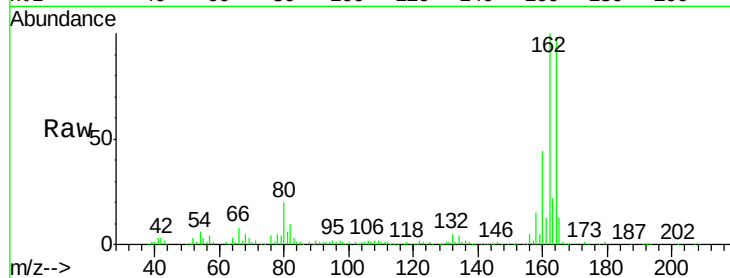
Tot Ion:164 Resp: 163848

Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.6

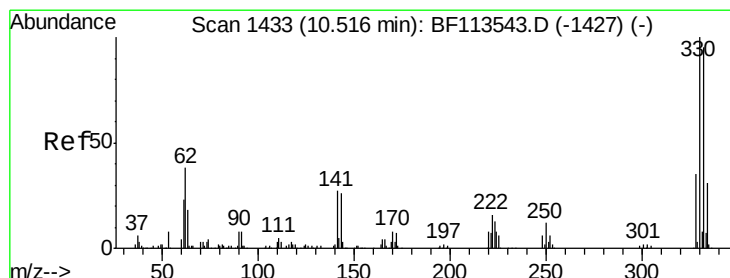
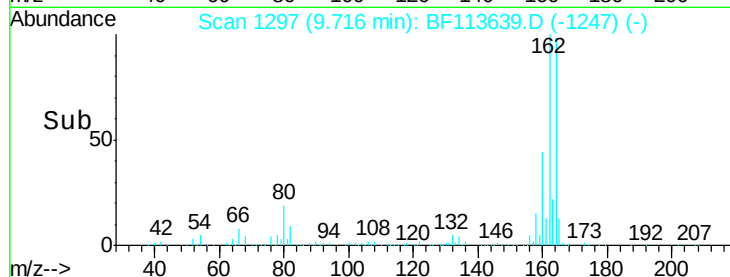
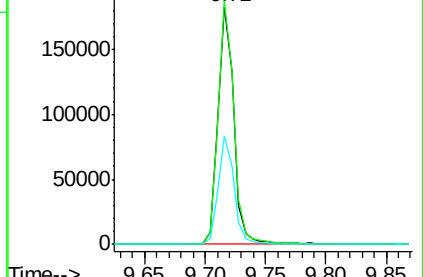
160 45.2 36.4 54.6



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



#42

2,4,6-Tribromophenol

Concen: 10.618 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

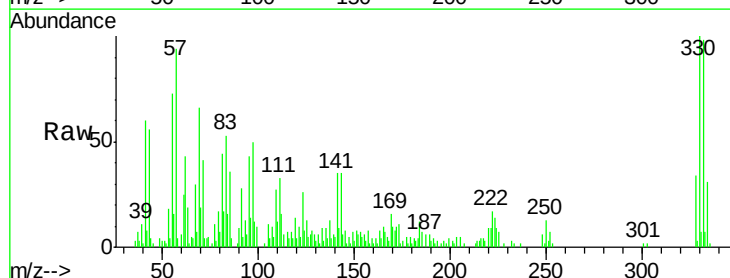
Tgt Ion:330 Resp: 20899

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.6

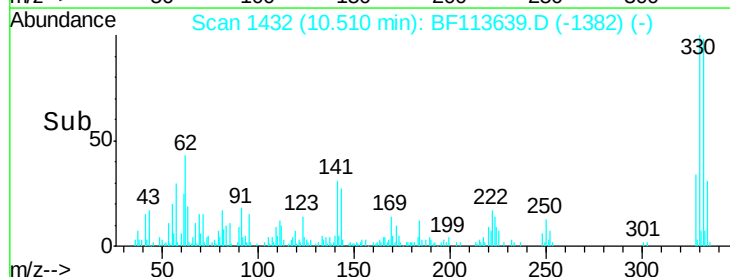
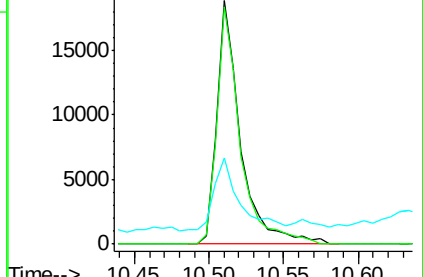
141 32.1 22.7 34.1

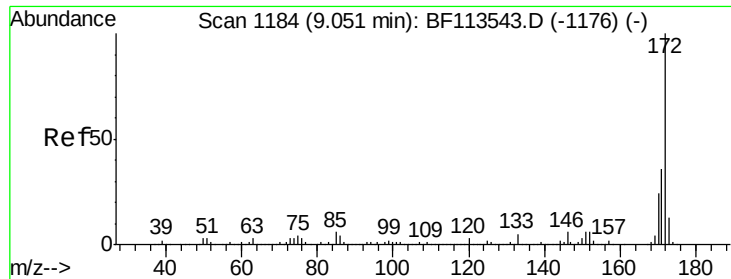


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

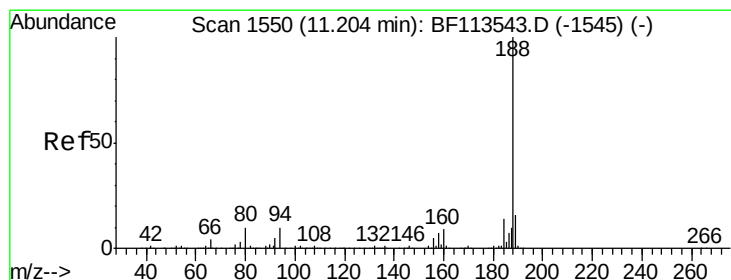
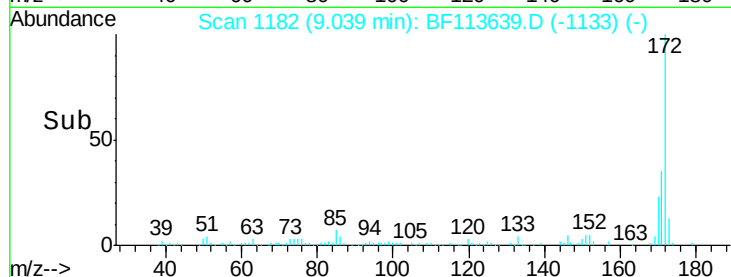
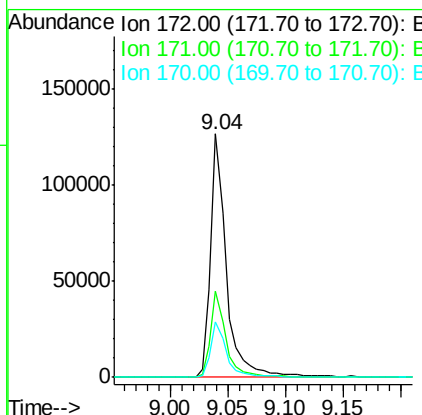
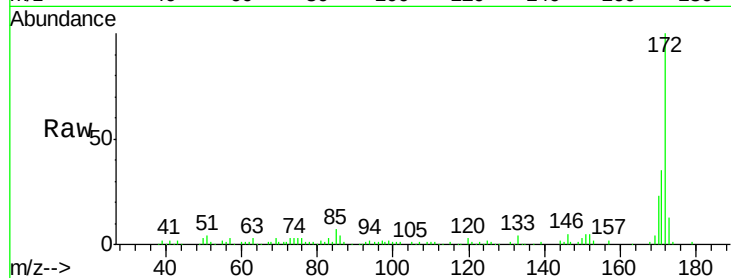




#45  
2-Fluorobiphenyl  
Concen: 11.975 ng  
RT: 9.04 min Scan# 1182  
Delta R.T. -0.01 min  
Lab File: BF113639.D  
Acq: 6 Apr 2019 2:34

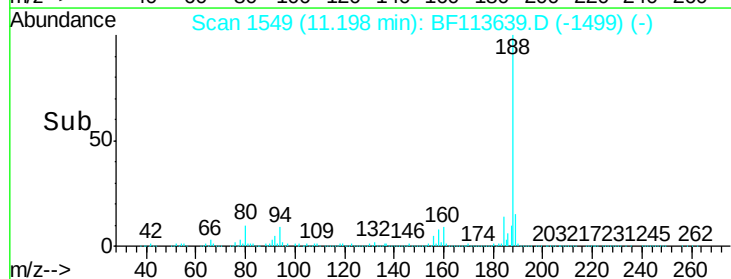
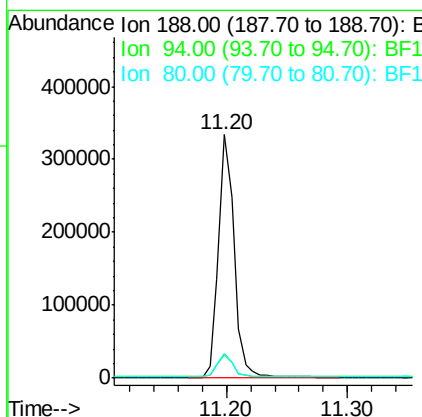
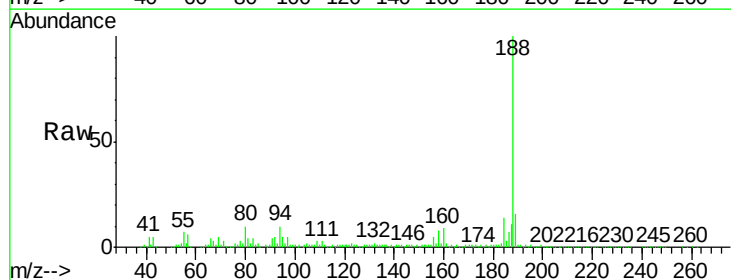
Instrument :  
BNA\_F  
ClientSampleId :

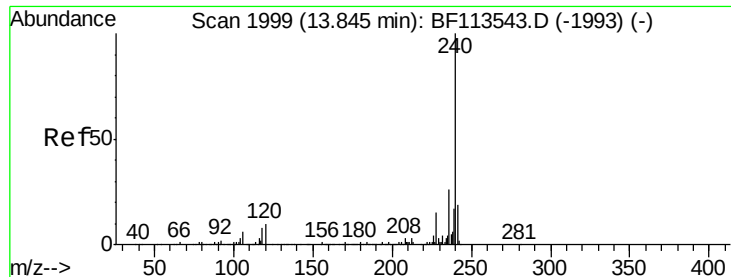
Tot Ion:172 Resp: 121875  
Ion Ratio Lower Upper  
172 100  
171 35.3 29.0 43.6  
170 22.8 19.5 29.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.20 min Scan# 1549  
Delta R.T. -0.01 min  
Lab File: BF113639.D  
Acq: 6 Apr 2019 2:34

Tgt Ion:188 Resp: 301781  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.0 10.6  
80 10.3 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

Instrument :

BNA\_F

ClientSampleId :

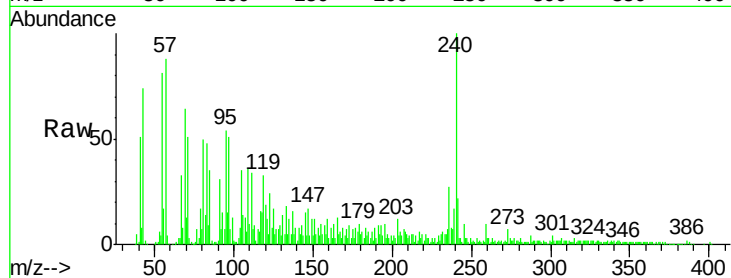
Tot Ion:240 Resp: 147093

Ion Ratio Lower Upper

240 100

120 18.9 8.8 13.2#

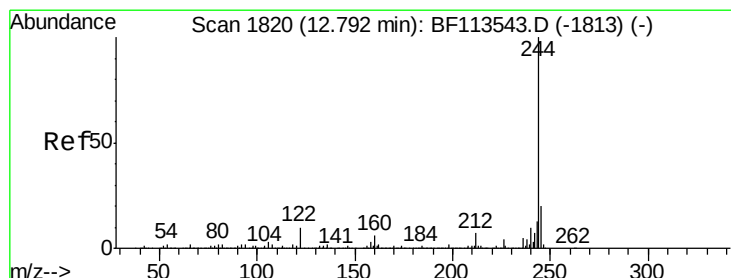
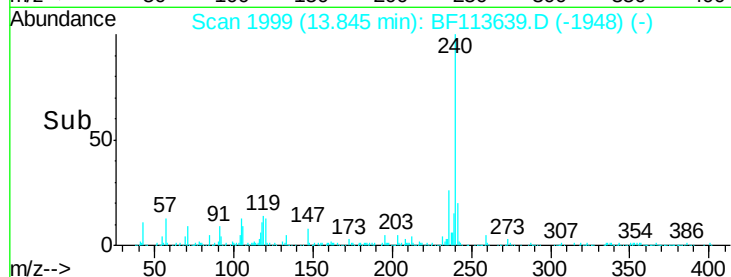
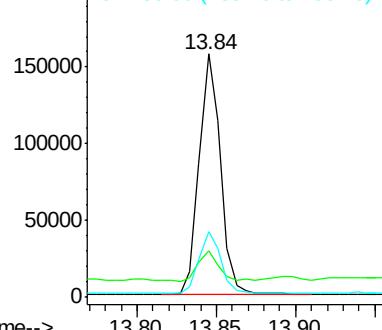
236 27.1 20.9 31.3



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



#79

Terphenyl-d14

Concen: 13.644 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

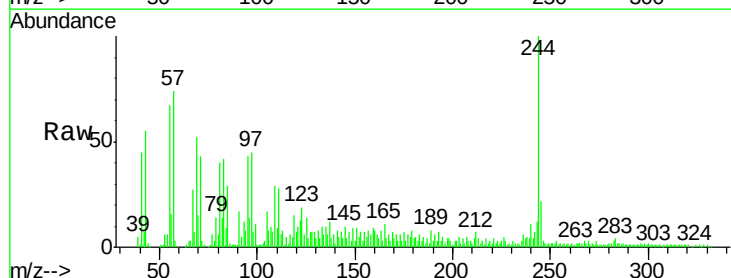
Tgt Ion:244 Resp: 98572

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

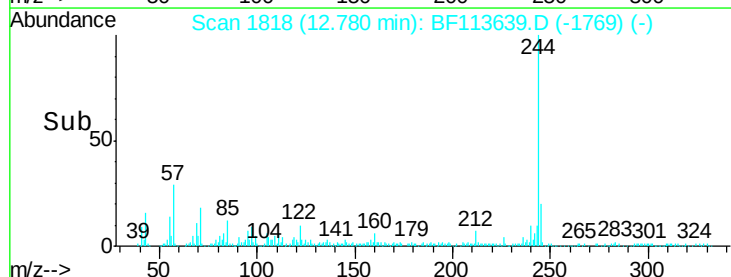
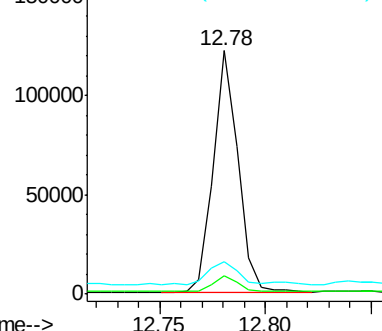
122 13.2 8.6 13.0#



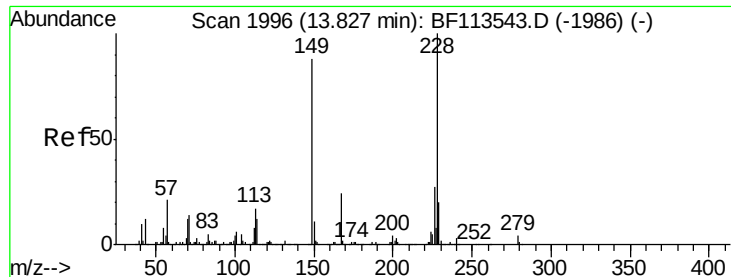
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#84

Bis(2-ethylhexyl)phthalate

Concen: 4.642 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

Instrument :

BNA\_F

ClientSampled :

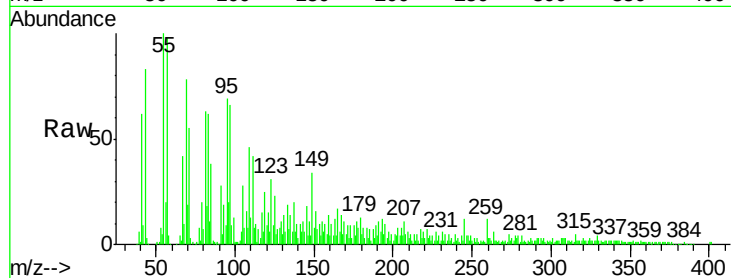
Tot Ion:149 Resp: 25567

Ion Ratio Lower Upper

149 100

167 41.4 21.8 32.8#

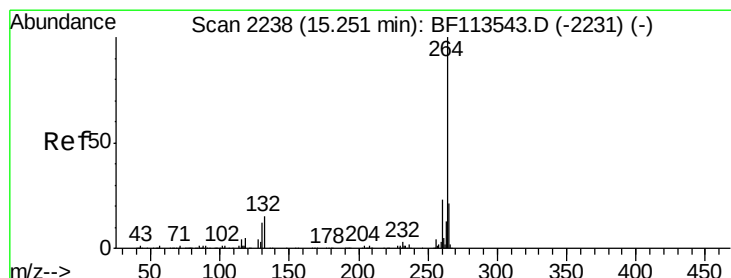
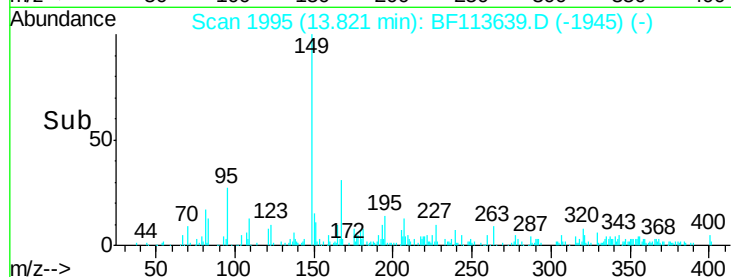
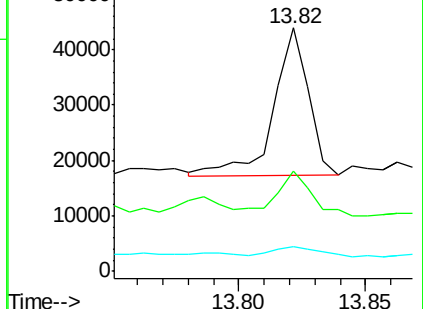
279 10.2 2.9 4.3#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.02 min

Lab File: BF113639.D

Acq: 6 Apr 2019 2:34

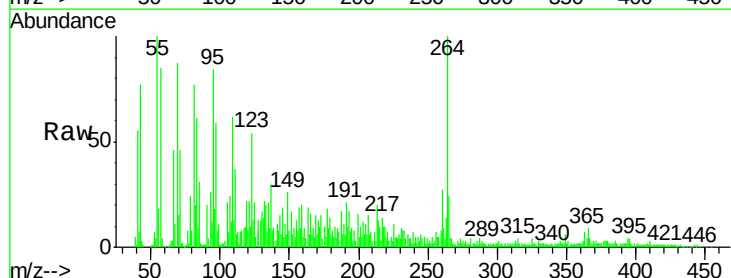
Tgt Ion:264 Resp: 126078

Ion Ratio Lower Upper

264 100

260 26.9 19.1 28.7

265 24.4 17.1 25.7



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

