

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\  
 Data File : BF120988.D  
 Acq On : 23 Jul 2020 18:52  
 Operator : JU/CG  
 Sample : L3377-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CON-COMP

Quant Time: Jul 24 01:18:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 16 14:20:32 2020  
 Response via : Initial Calibration

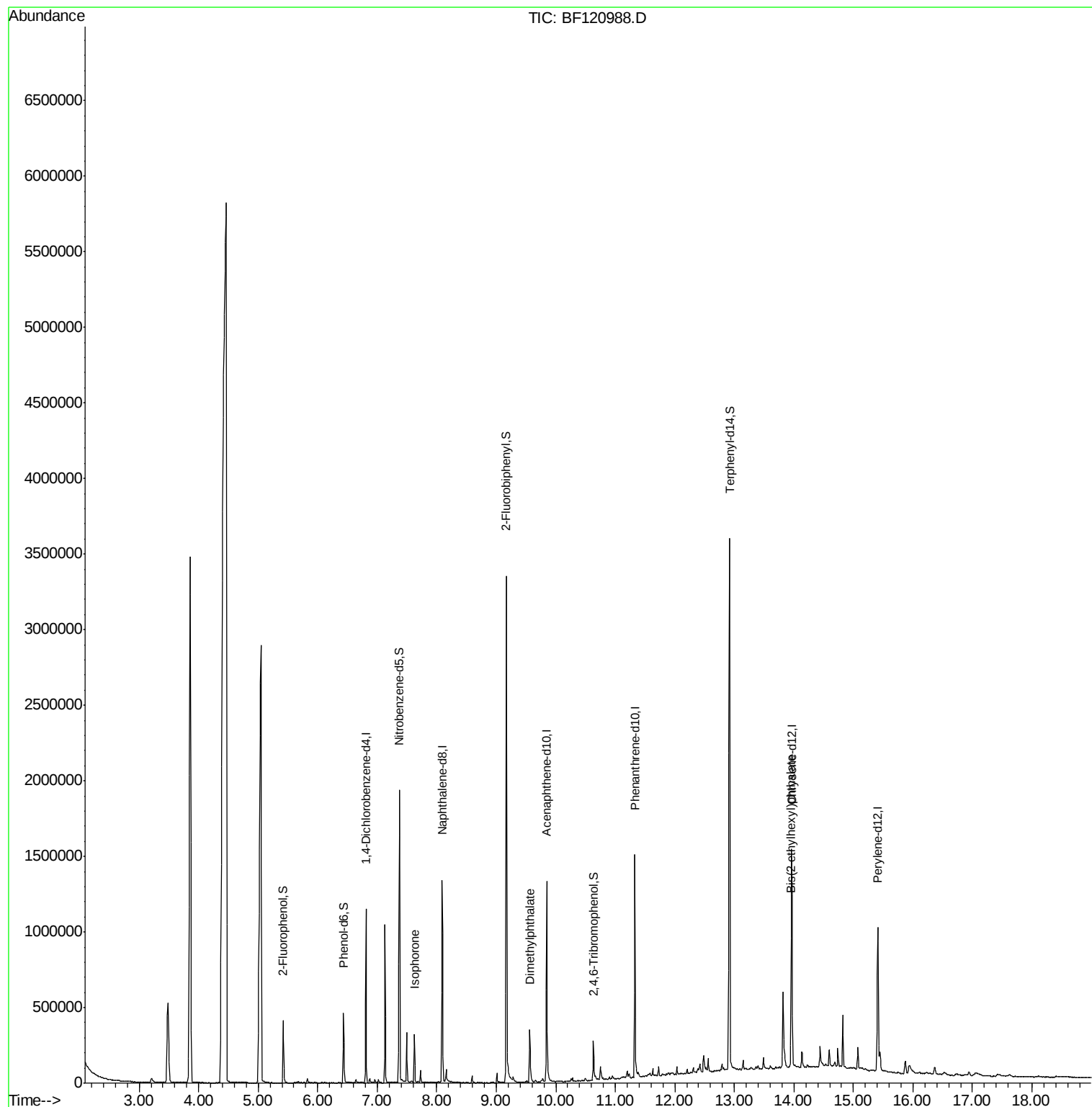
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.81  | 152  | 158175   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.09  | 136  | 588098   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10           | 9.85  | 164  | 315911   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10           | 11.33 | 188  | 604450   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12               | 13.96 | 240  | 524587   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12               | 15.41 | 264  | 483407   | 20.00 | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.42  | 112  | 121588   | 12.60 | ng    | 0.00     |
| 7) Phenol-d6                   | 6.43  | 99   | 154696   | 12.41 | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 7.37  | 82   | 625717   | 61.56 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol       | 10.63 | 330  | 39864    | 11.53 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl           | 9.17  | 172  | 1284059  | 60.69 | ng    | 0.00     |
| 79) Terphenyl-d14              | 12.92 | 244  | 1320126  | 54.70 | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       |          |
| 25) Isophorone                 | 7.63  | 82   | 117602   | 5.798 | ng    | 97       |
| 50) Dimethylphthalate          | 9.56  | 163  | 175743   | 7.711 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 64939    | 3.185 | ng    | 100      |

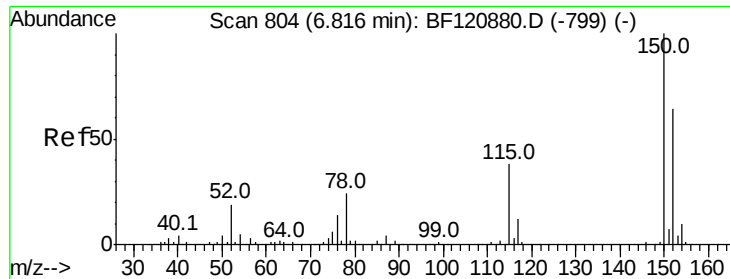
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\  
Data File : BF120988.D  
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Sample : L3377-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CON-COMP

Quant Time: Jul 24 01:18:27 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 16 14:20:32 2020  
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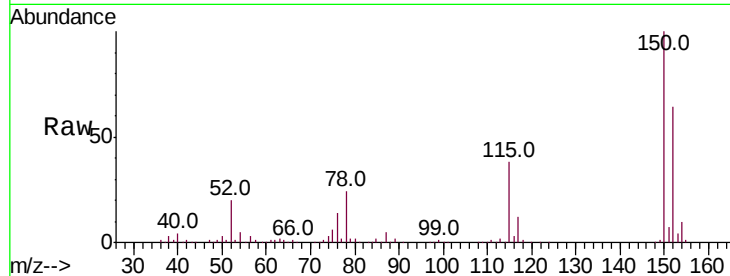


#1

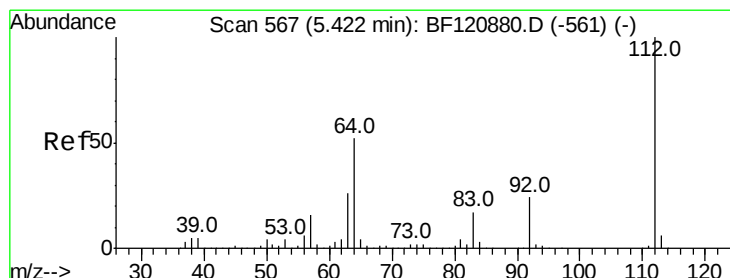
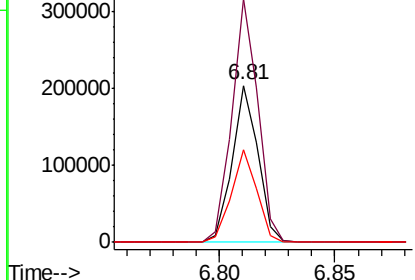
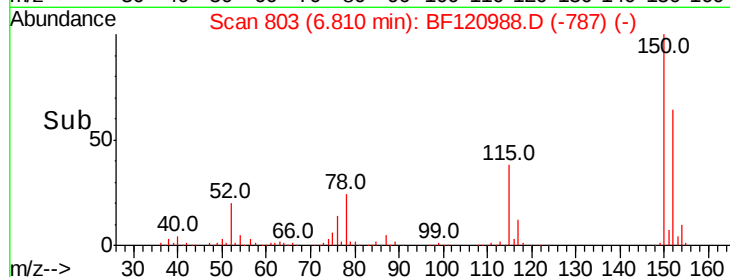
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.81 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BF120988.D  
Acq: 23 Jul 2020 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
CON-COMP

Tot Ion:152 Resp: 158175  
Ion Ratio Lower Upper  
152 100  
150 155.3 125.0 187.6  
115 59.0 47.0 70.4



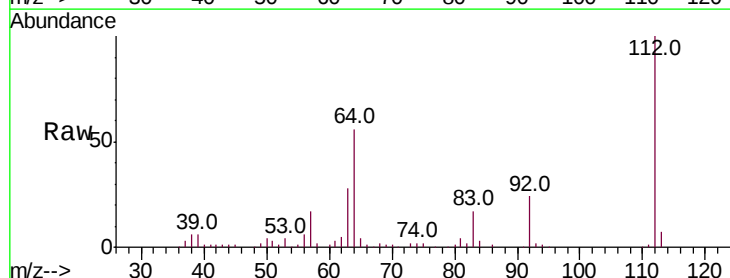
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



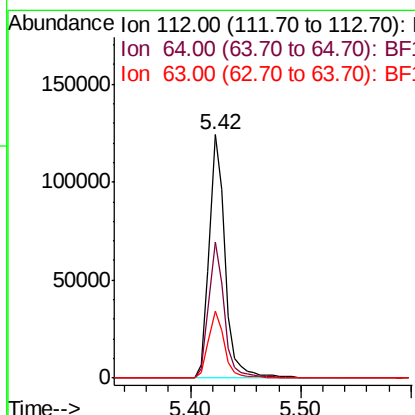
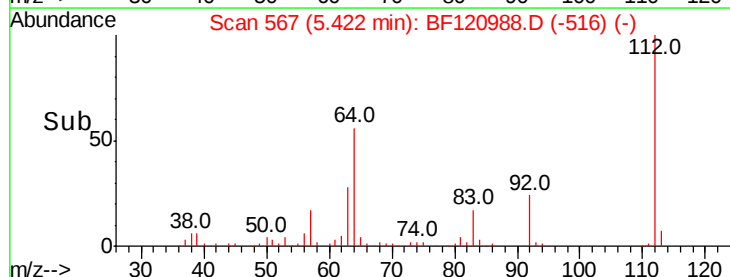
#5

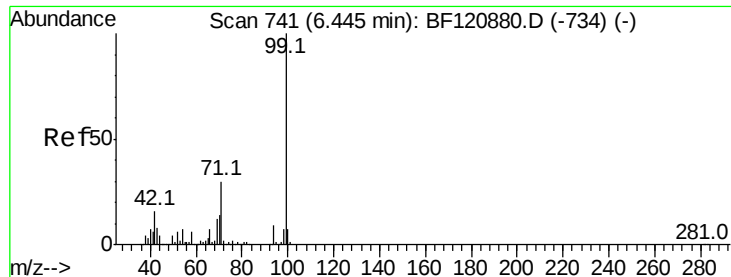
2-Fluorophenol  
Concen: 12.602 ng  
RT: 5.42 min Scan# 567  
Delta R.T. 0.00 min  
Lab File: BF120988.D  
Acq: 23 Jul 2020 18:52

Tgt Ion:112 Resp: 121588  
Ion Ratio Lower Upper  
112 100  
64 55.9 41.3 61.9  
63 27.7 21.1 31.7



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: 12.412 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120988.D

Acq: 23 Jul 2020 18:52

Instrument :

BNA\_F

ClientSampleId :

CON-COMP

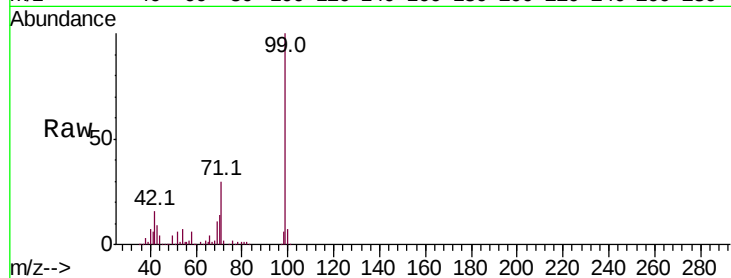
Tot Ion: 99 Resp: 154696

Ion Ratio Lower Upper

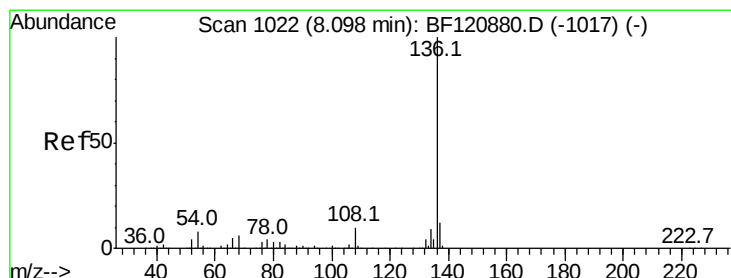
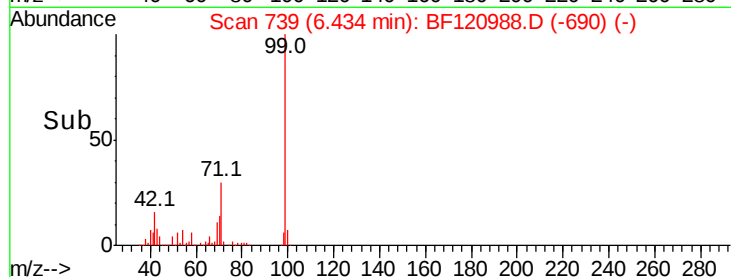
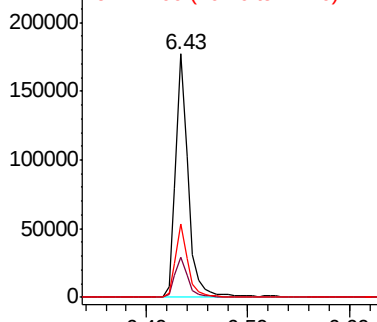
99 100

42 16.3 13.1 19.7

71 30.1 24.2 36.4



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120988.D

Acq: 23 Jul 2020 18:52

Tgt Ion: 136 Resp: 588098

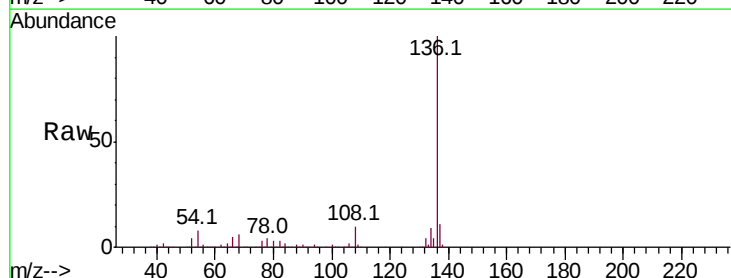
Ion Ratio Lower Upper

136 100

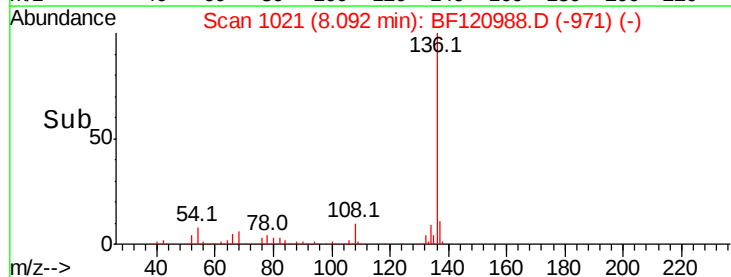
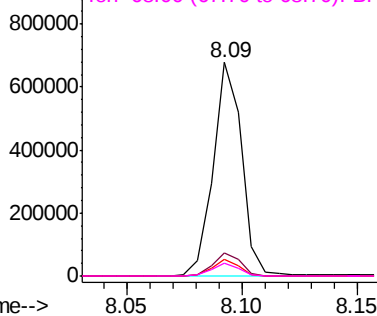
137 11.1 9.3 13.9

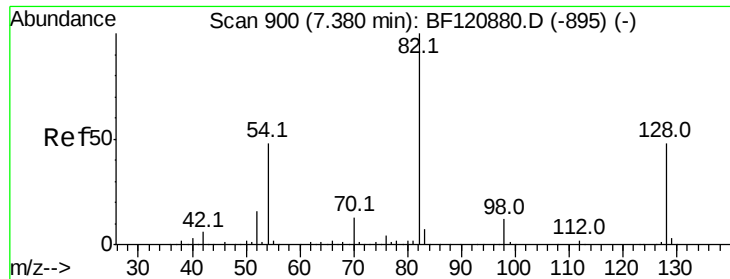
54 7.7 6.3 9.5

68 6.0 5.0 7.4



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

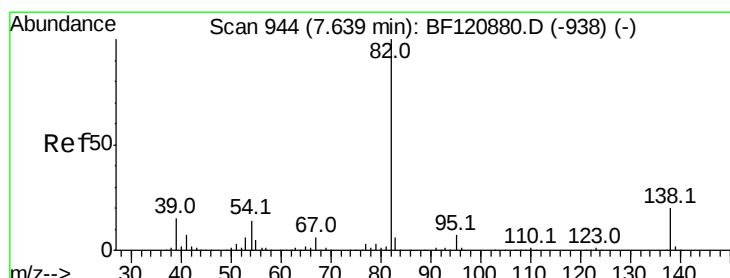
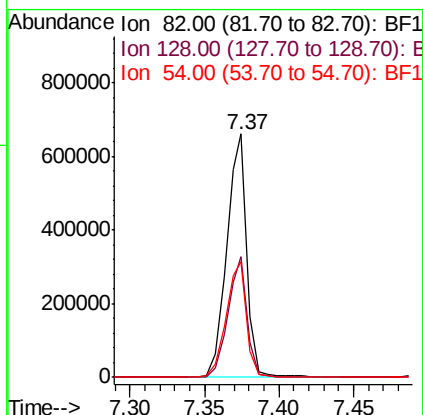
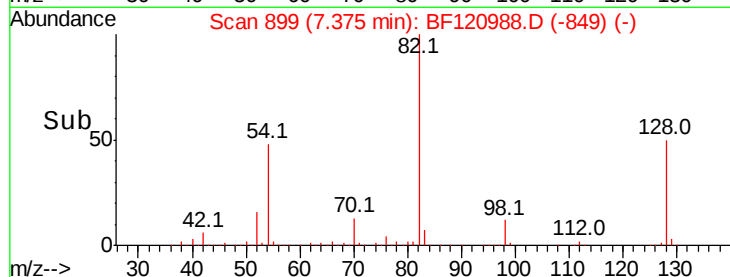
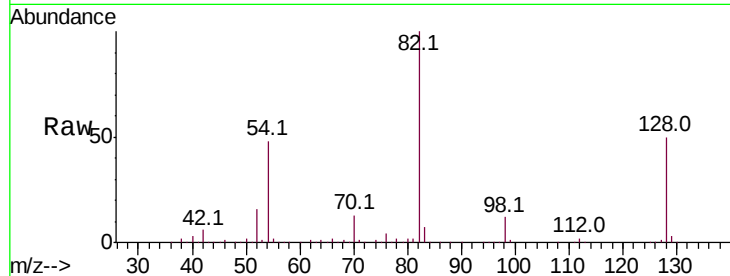




#23  
Nitrobenzene-d5  
Concen: 61.564 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: BF120988.D  
Acq: 23 Jul 2020 18:52

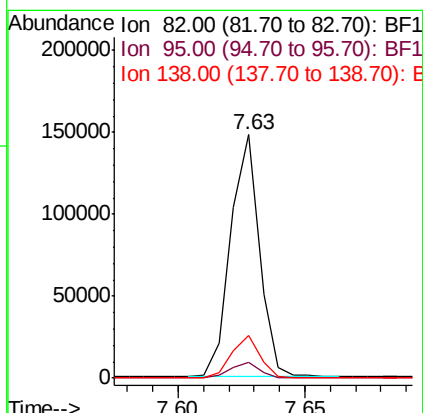
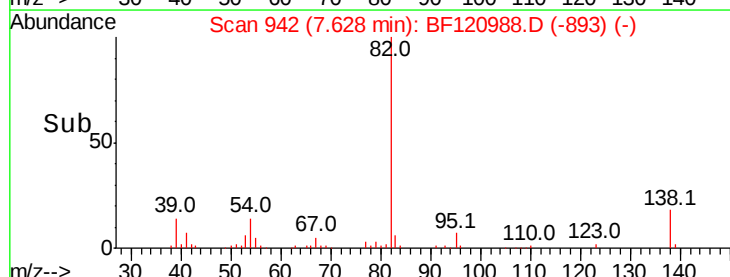
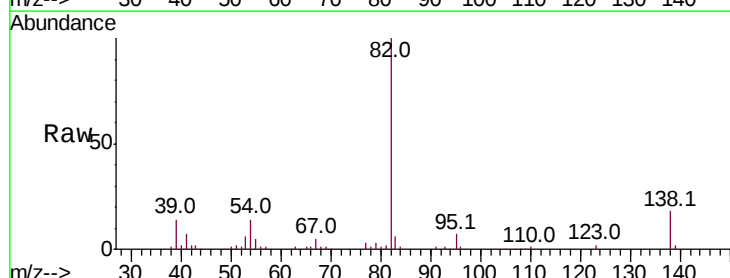
Instrument :  
BNA\_F  
ClientSampleId :  
CON-COMP

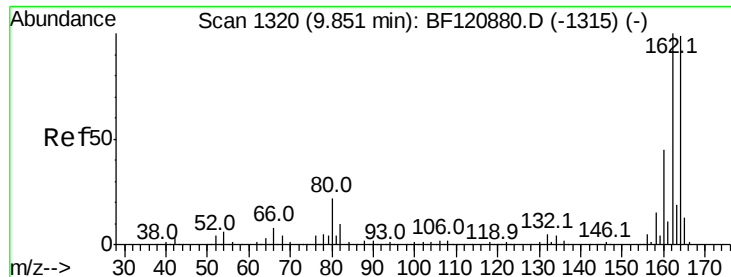
Tot Ion: 82 Resp: 625717  
Ion Ratio Lower Upper  
82 100  
128 49.6 38.2 57.4  
54 47.7 38.7 58.1



#25  
Isophorone  
Concen: 5.798 ng  
RT: 7.63 min Scan# 942  
Delta R.T. -0.01 min  
Lab File: BF120988.D  
Acq: 23 Jul 2020 18:52

Tgt Ion: 82 Resp: 117602  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.5 8.3  
138 17.7 15.6 23.4

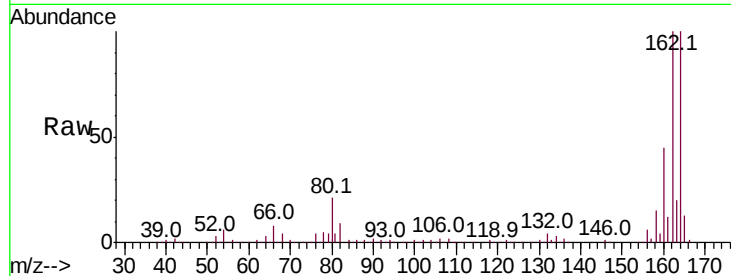




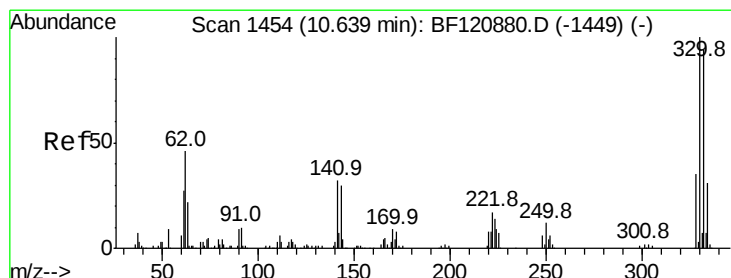
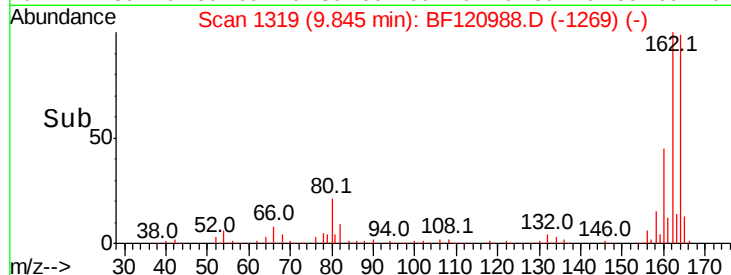
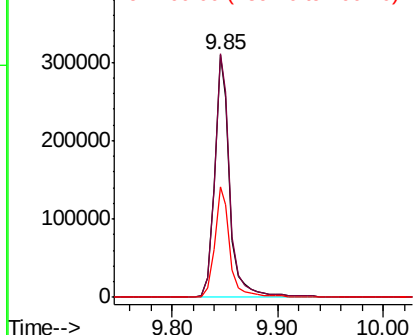
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BF120988.D  
Acq: 23 Jul 2020 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
CON-COMP

Tot Ion:164 Resp: 315911  
Ion Ratio Lower Upper  
164 100  
162 100.3 81.2 121.8  
160 45.3 36.9 55.3

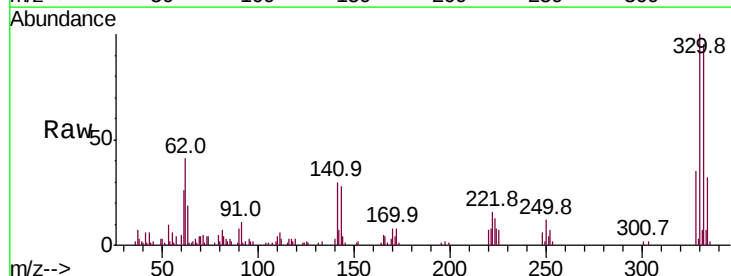


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

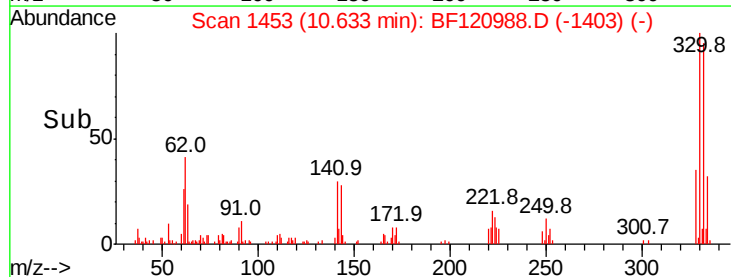
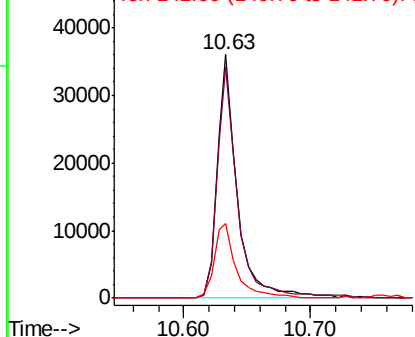


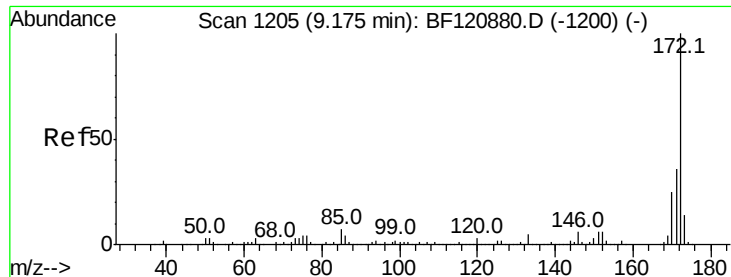
#42  
2,4,6-Tribromophenol  
Concen: 11.528 ng  
RT: 10.63 min Scan# 1453  
Delta R.T. -0.01 min  
Lab File: BF120988.D  
Acq: 23 Jul 2020 18:52

Tgt Ion:330 Resp: 39864  
Ion Ratio Lower Upper  
330 100  
332 98.0 75.5 113.3  
141 33.7 25.7 38.5



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

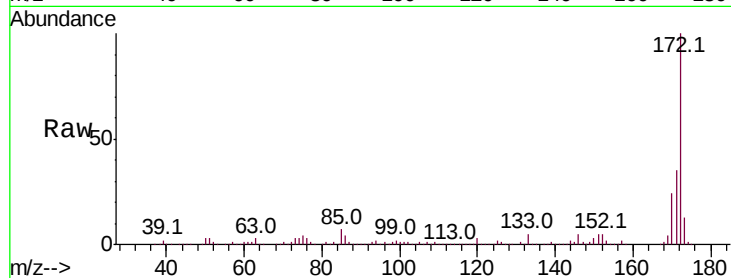




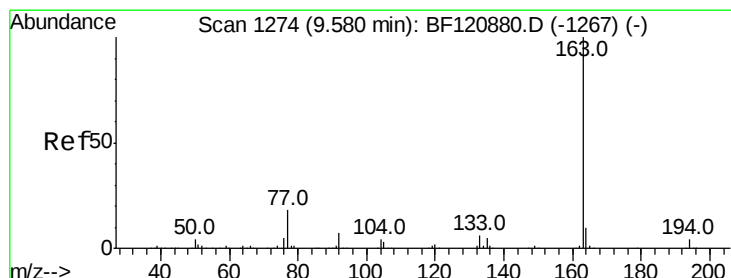
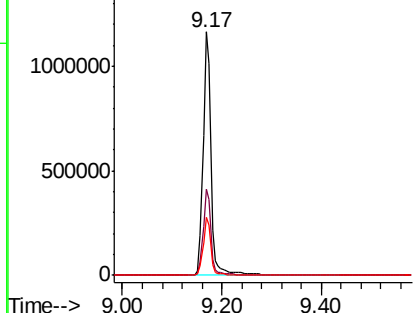
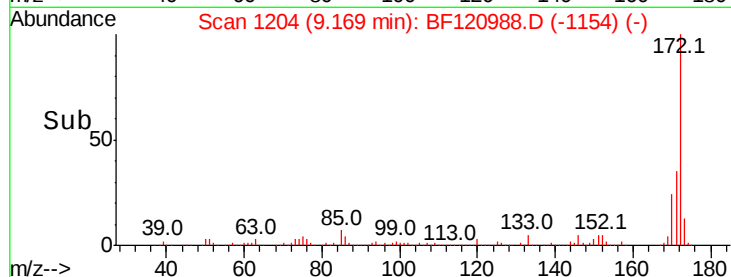
#45  
2-Fluorobiphenyl  
Concen: 60.687 ng  
RT: 9.17 min Scan# 1204  
Delta R.T. -0.01 min  
Lab File: BF120988.D  
Acq: 23 Jul 2020 18:52

Instrument :  
BNA\_F  
ClientSampleId :  
CON-COMP

Tot Ion:172 Resp: 1284059  
Ion Ratio Lower Upper  
172 100  
171 35.3 29.0 43.4  
170 24.0 19.6 29.4

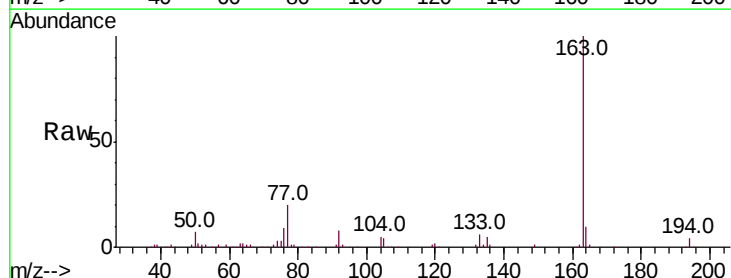


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

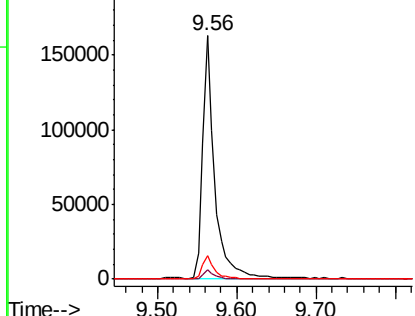
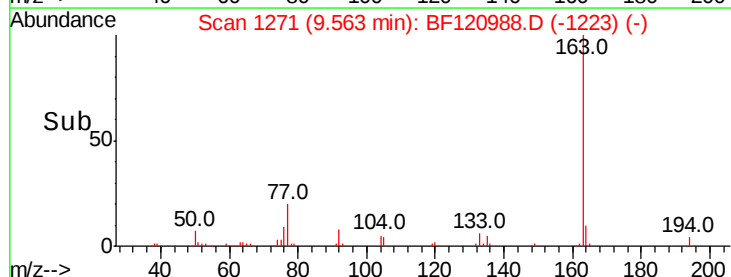


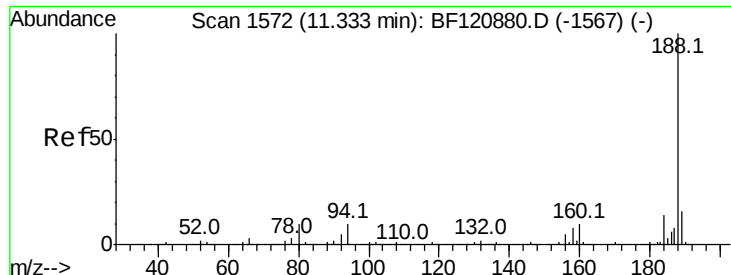
#50  
Dimethylphthalate  
Concen: 7.711 ng  
RT: 9.56 min Scan# 1271  
Delta R.T. -0.02 min  
Lab File: BF120988.D  
Acq: 23 Jul 2020 18:52

Tgt Ion:163 Resp: 175743  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 9.8 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

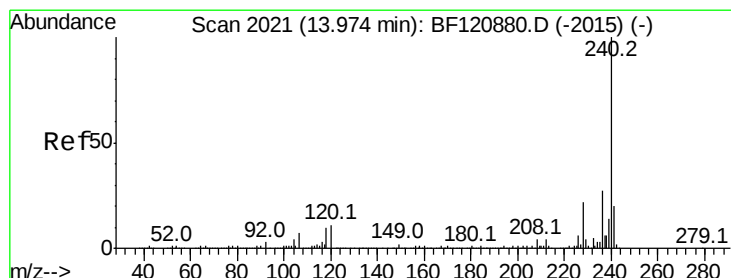
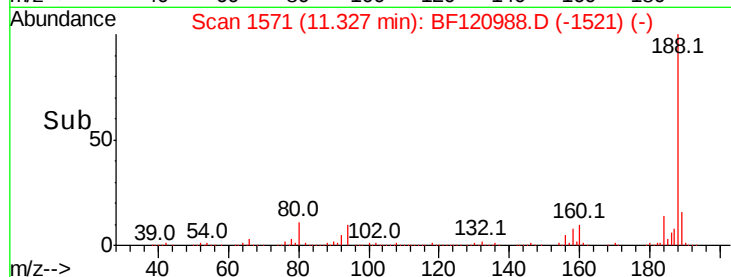
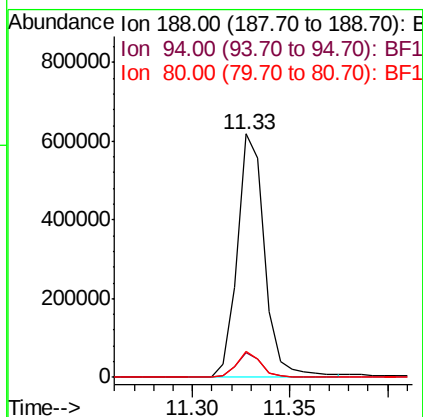
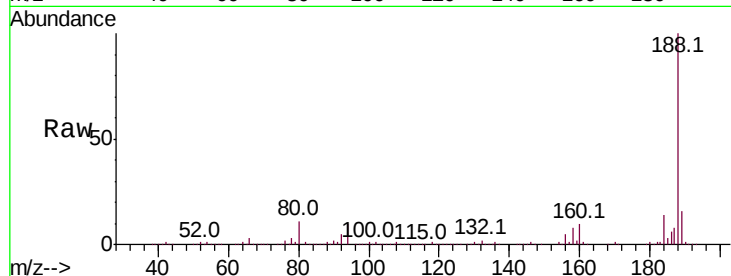




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1571  
Delta R.T. -0.01 min  
Lab File: BF120988.D  
Acq: 23 Jul 2020 18:52

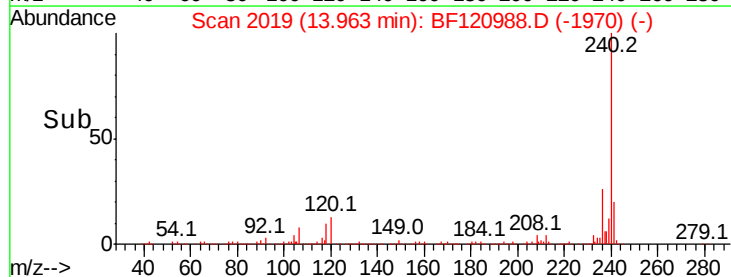
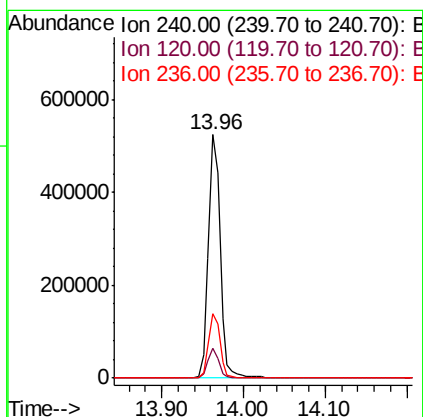
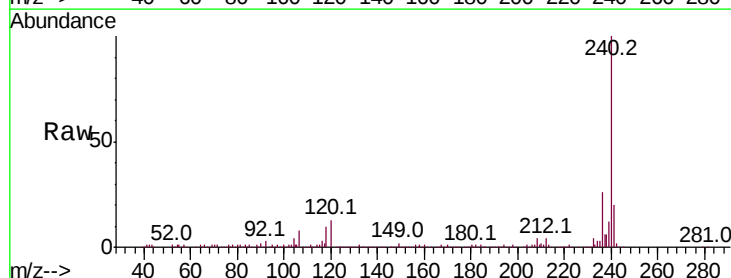
Instrument :  
BNA\_F  
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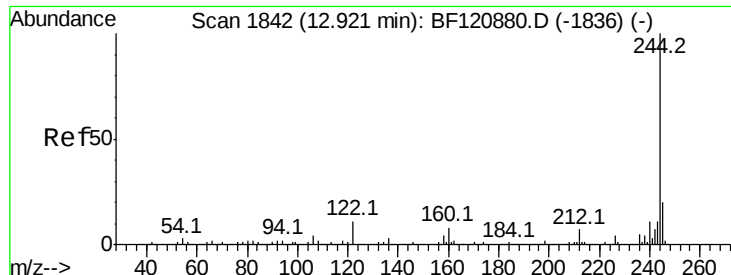
Tot Ion:188 Resp: 604450  
Ion Ratio Lower Upper  
188 100  
94 10.3 8.0 12.0  
80 10.5 8.3 12.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.96 min Scan# 2019  
Delta R.T. -0.01 min  
Lab File: BF120988.D  
Acq: 23 Jul 2020 18:52

Tgt Ion:240 Resp: 524587  
Ion Ratio Lower Upper  
240 100  
120 12.5 9.0 13.4  
236 26.3 21.7 32.5





#79

Terphenyl-d14

Concen: 54.703 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120988.D

Acq: 23 Jul 2020 18:52

Instrument :

BNA\_F

ClientSampleId :

CON-COMP

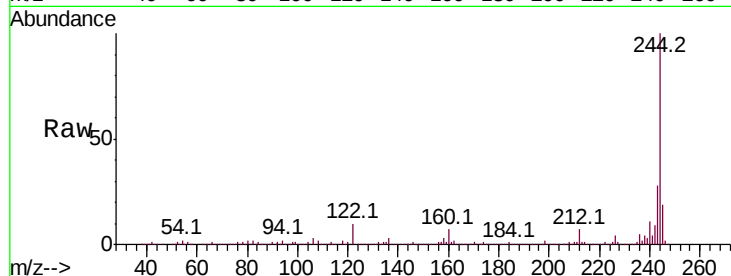
Tot Ion:244 Resp: 1320126

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

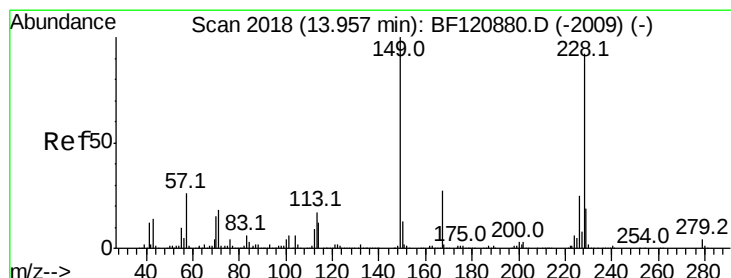
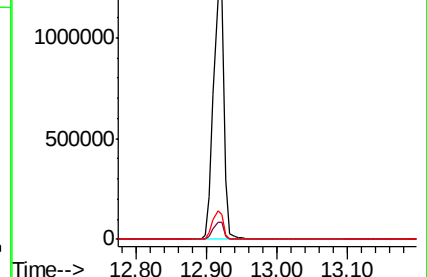
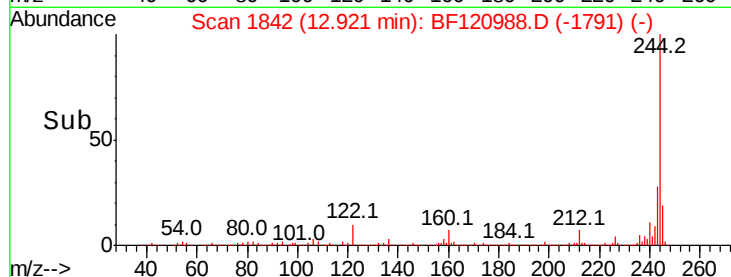
122 10.2 8.9 13.3



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: 3.185 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF120988.D

Acq: 23 Jul 2020 18:52

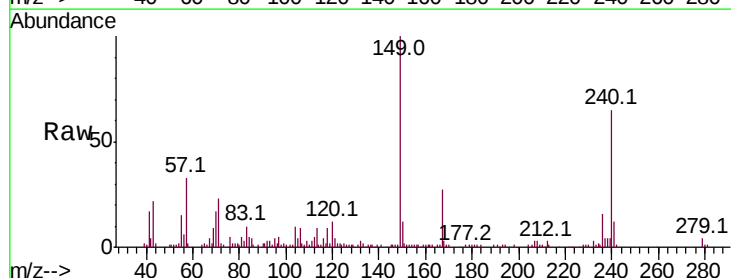
Tgt Ion:149 Resp: 64939

Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

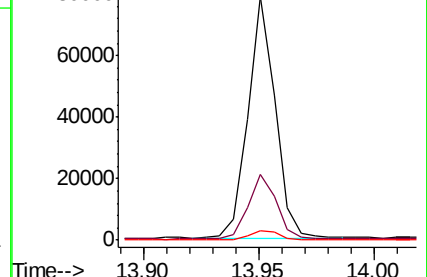
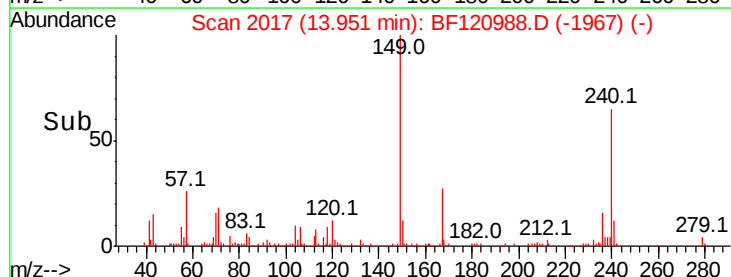
279 3.8 3.0 4.4

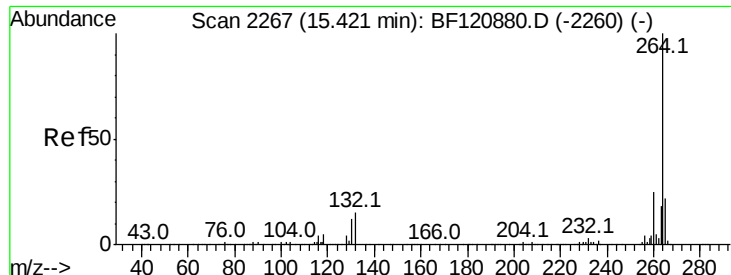


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

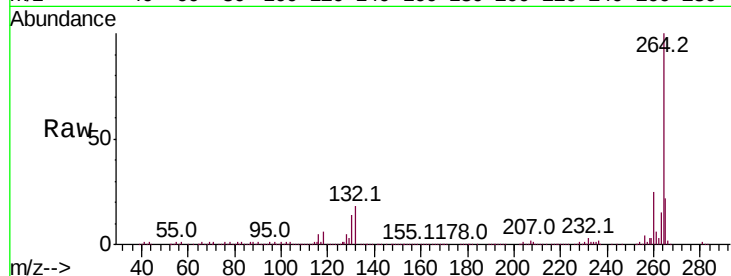




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.41 min Scan# 2265  
 Delta R.T. -0.01 min  
 Lab File: BF120988.D  
 Acq: 23 Jul 2020 18:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CON-COMP

Tot Ion:264 Resp: 483407  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 20.0 30.0  
 265 22.4 17.4 26.2



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

