

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\  
 Data File : BF108812.D  
 Acq On : 6 Sep 2018 8:58  
 Operator : JU/SJ  
 Sample : J4724-06  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP1-SUT-UST-05

Quant Time: Sep 06 11:24:58 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 05 18:03:31 2018  
 Response via : Initial Calibration

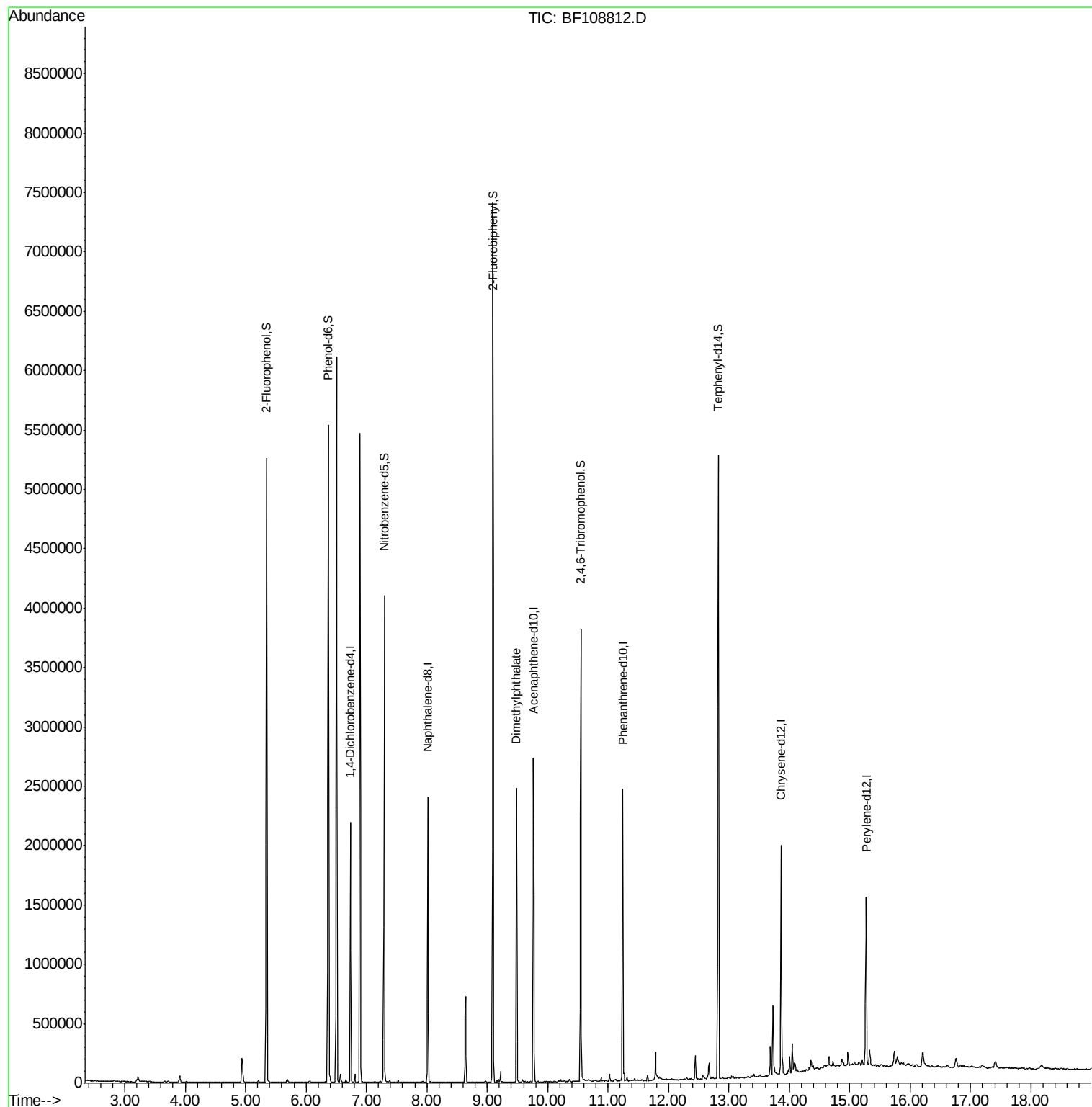
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.74  | 152  | 285347   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.02  | 136  | 1053784  | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.77  | 164  | 475751   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.24 | 188  | 770098   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.87 | 240  | 576022   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.27 | 264  | 597801   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.35  | 112  | 1693803  | 98.34  | ng    | 0.01     |
| 7) Phenol-d6                | 6.37  | 99   | 2208339  | 99.65  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.30  | 82   | 1359115  | 80.71  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 458157   | 100.88 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.10  | 172  | 2283416  | 81.88  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.82 | 244  | 1759526  | 71.23  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.49  | 163  | 1003464  | 30.156 | ng    | 99       |

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

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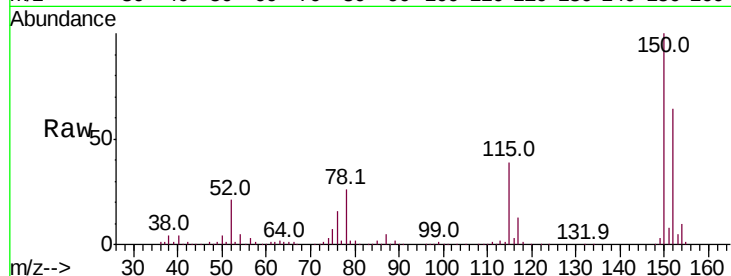


#1

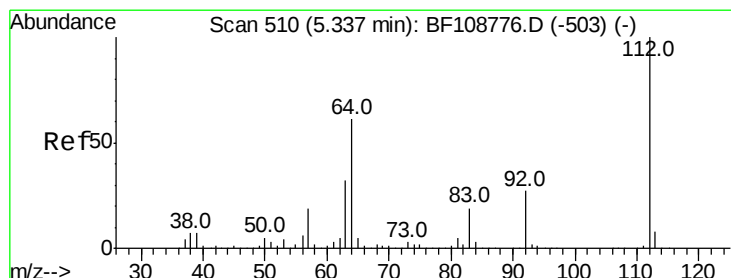
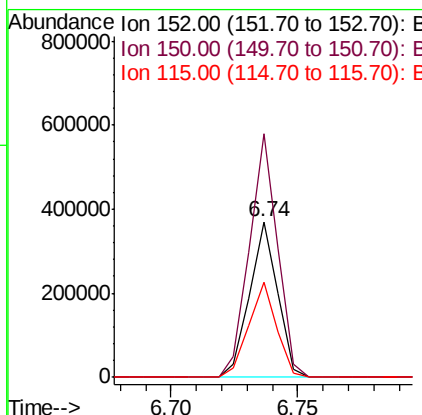
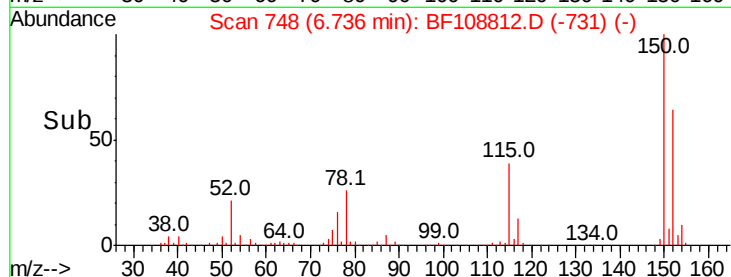
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.74 min Scan# 748  
Delta R.T. -0.00 min  
Lab File: BF108812.D  
Acq: 6 Sep 2018 8:58

Instrument :  
BNA\_F  
ClientSampleId :  
EP1-SUT-UST-05

Tot Ion:152 Resp: 285347  
Ion Ratio Lower Upper  
152 100  
150 156.8 124.6 186.8  
115 61.6 50.1 75.1



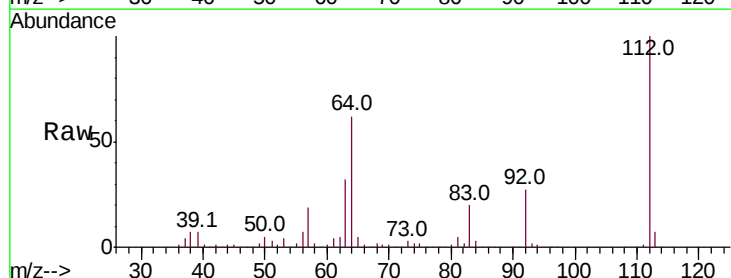
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



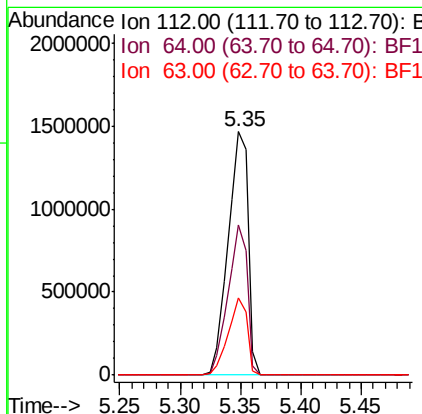
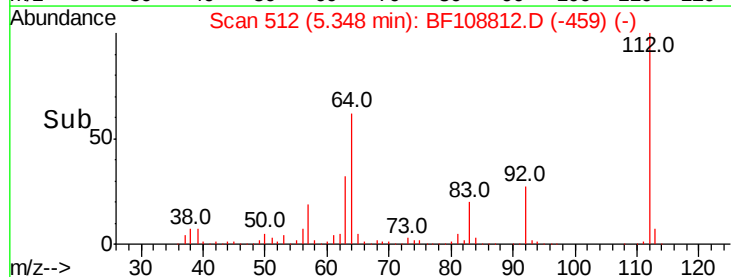
#5

2-Fluorophenol  
Concen: 98.339 ng  
RT: 5.35 min Scan# 512  
Delta R.T. 0.01 min  
Lab File: BF108812.D  
Acq: 6 Sep 2018 8:58

Tgt Ion:112 Resp: 1693803  
Ion Ratio Lower Upper  
112 100  
64 61.6 47.9 71.9  
63 31.8 23.7 35.5



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: 99.647 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108812.D

Acq: 6 Sep 2018 8:58

Instrument :

BNA\_F

ClientSampleId :

EP1-SUT-UST-05

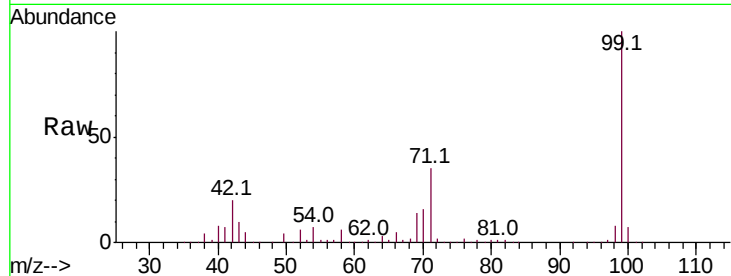
Tot Ion: 99 Resp: 2208339

Ion Ratio Lower Upper

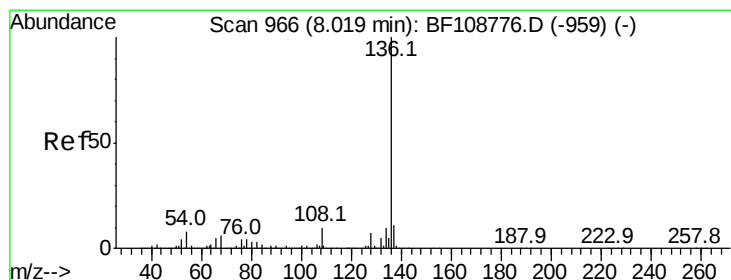
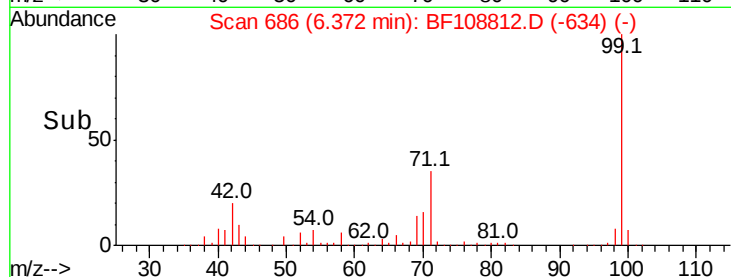
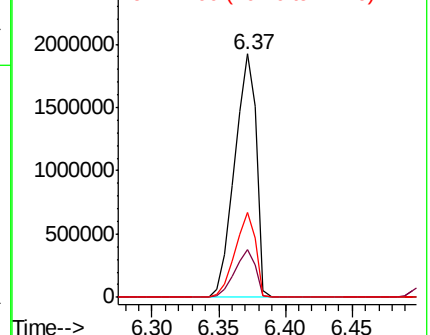
99 100

42 19.8 14.5 21.7

71 35.1 25.4 38.0



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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108812.D

Acq: 6 Sep 2018 8:58

Tgt Ion:136 Resp: 1053784

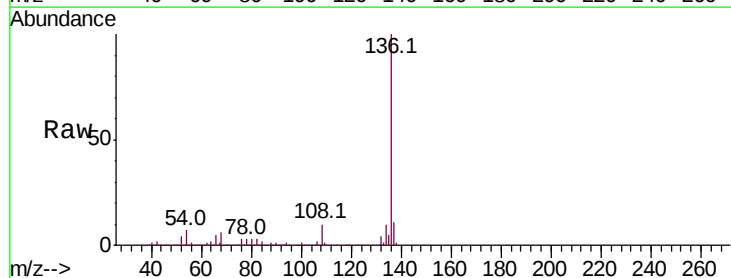
Ion Ratio Lower Upper

136 100

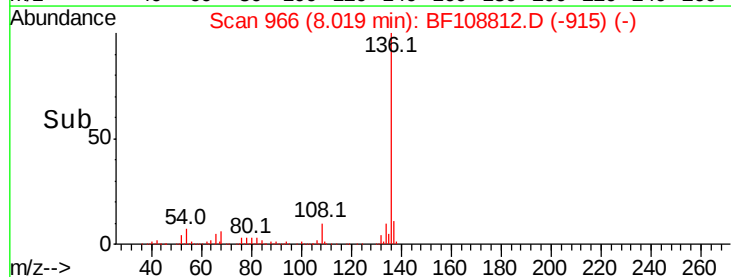
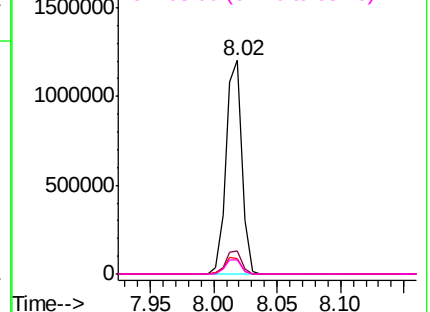
137 11.0 8.9 13.3

54 7.4 6.6 9.8

68 6.3 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

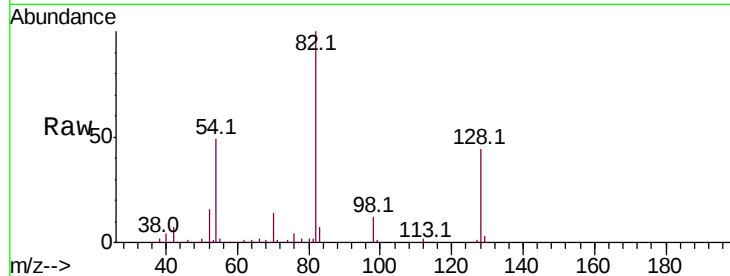




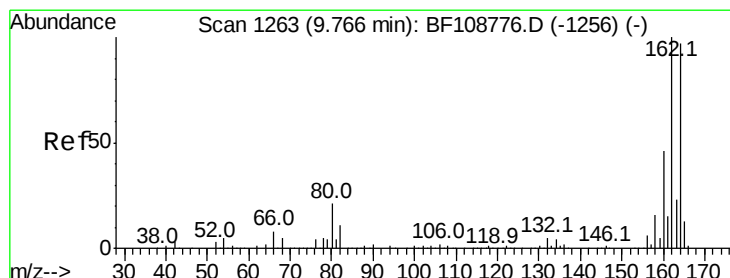
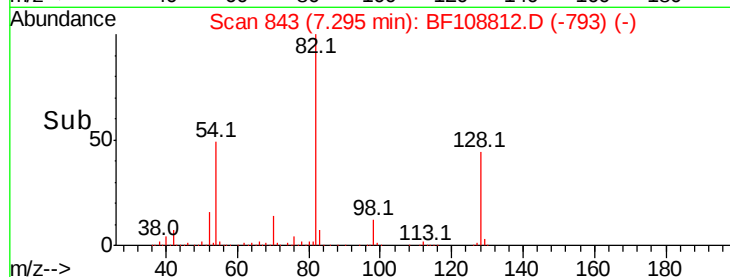
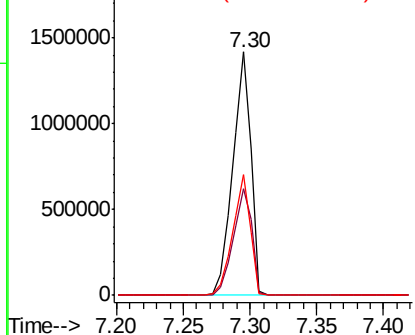
#23  
Nitrobenzene-d5  
Concen: 80.714 ng  
RT: 7.30 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BF108812.D  
Acq: 6 Sep 2018 8:58

Instrument :  
BNA\_F  
ClientSampleId :  
EP1-SUT-UST-05

Tot Ion: 82 Resp: 1359115  
Ion Ratio Lower Upper  
82 100  
128 44.1 36.1 54.1  
54 49.4 41.4 62.2

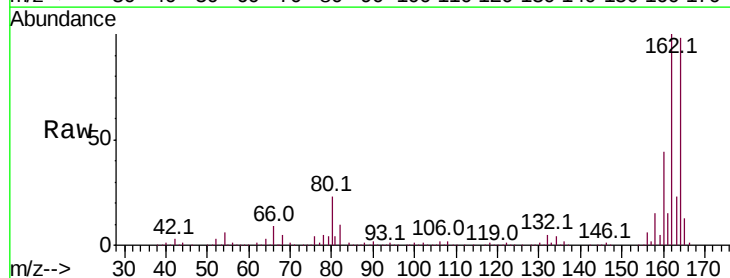


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

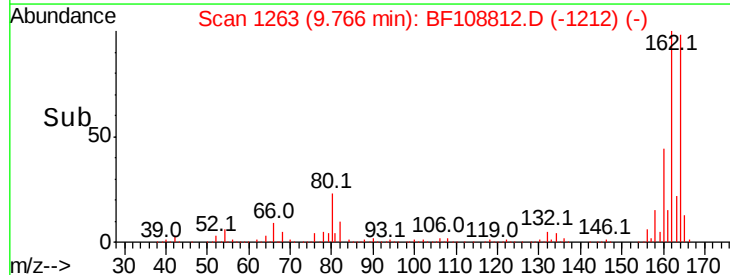
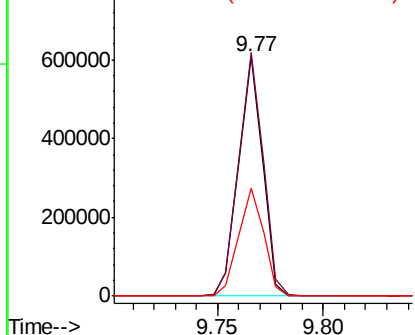


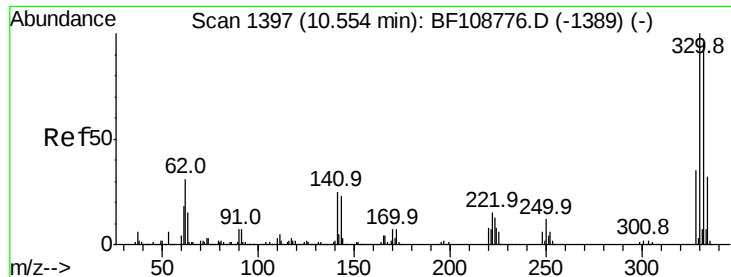
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.77 min Scan# 1263  
Delta R.T. -0.00 min  
Lab File: BF108812.D  
Acq: 6 Sep 2018 8:58

Tgt Ion:164 Resp: 475751  
Ion Ratio Lower Upper  
164 100  
162 101.6 86.1 129.1  
160 45.2 38.3 57.5



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





#41

2,4,6-Tribromophenol

Concen: 100.877 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108812.D

Acq: 6 Sep 2018 8:58

Instrument :

BNA\_F

ClientSampleId :

EP1-SUT-UST-05

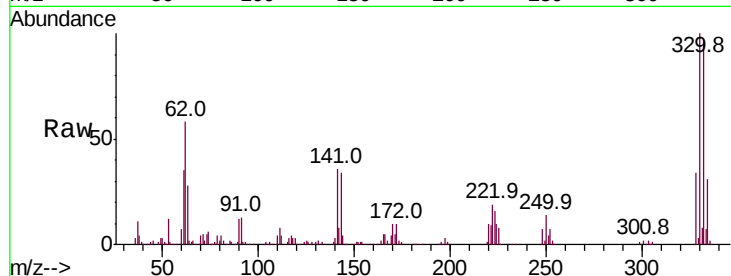
Tot Ion:330 Resp: 458157

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

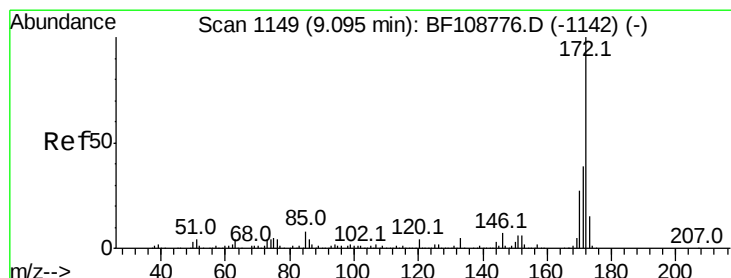
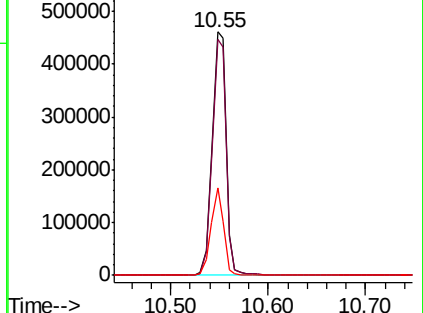
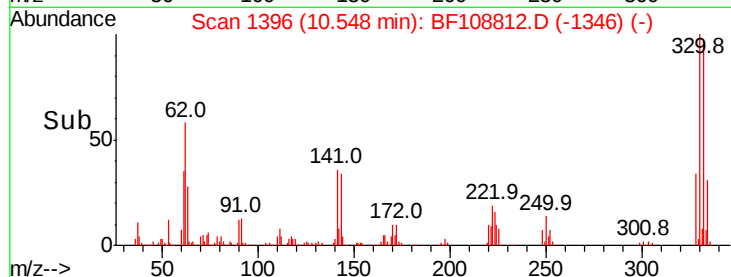
141 32.4 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 81.880 ng

RT: 9.10 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF108812.D

Acq: 6 Sep 2018 8:58

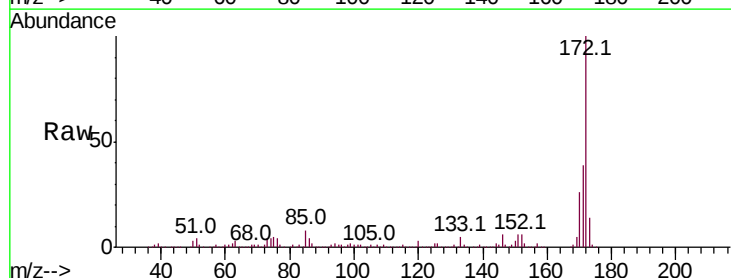
Tgt Ion:172 Resp: 2283416

Ion Ratio Lower Upper

172 100

171 38.6 29.7 44.5

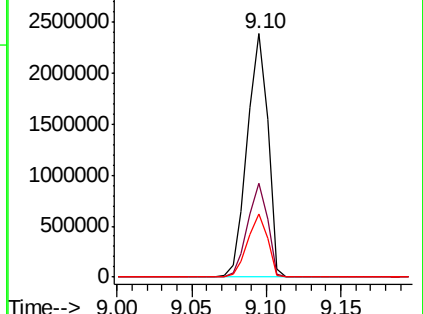
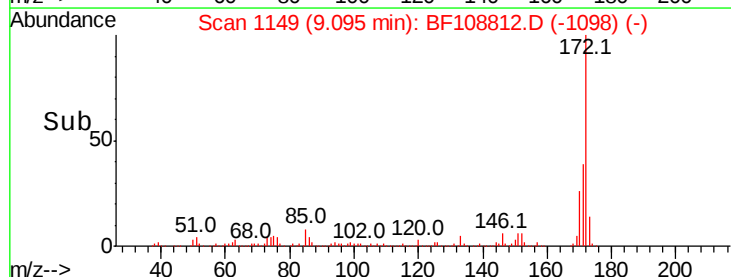
170 26.1 19.6 29.4

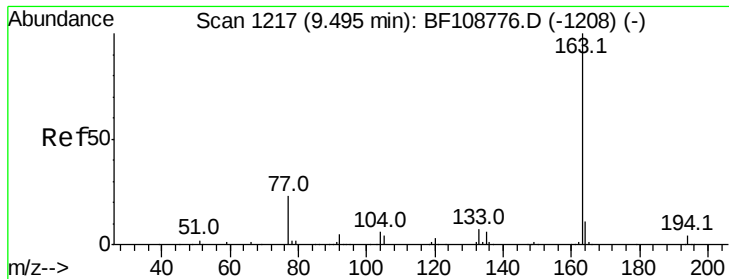


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

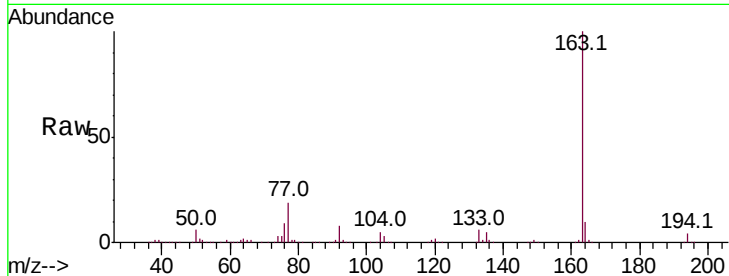




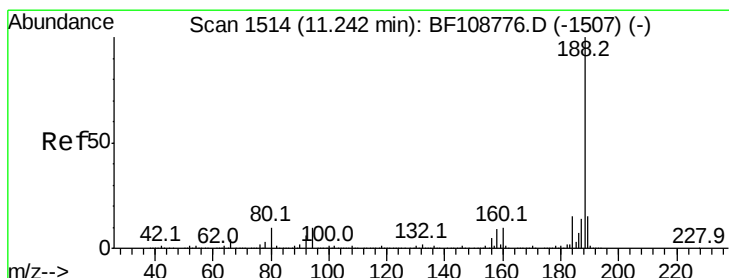
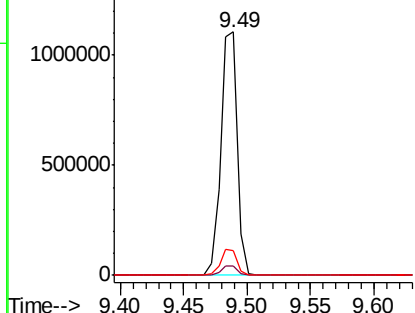
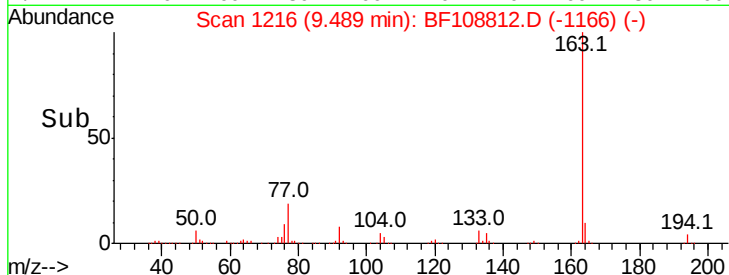
#49  
Dimethylphthalate  
Concen: 30.156 ng  
RT: 9.49 min Scan# 1216  
Delta R.T. -0.01 min  
Lab File: BF108812.D  
Acq: 6 Sep 2018 8:58

Instrument :  
BNA\_F  
ClientSampleId :  
EP1-SUT-UST-05

Tot Ion:163 Resp: 1003464  
Ion Ratio Lower Upper  
163 100  
194 4.0 2.7 4.1  
164 10.0 8.2 12.2

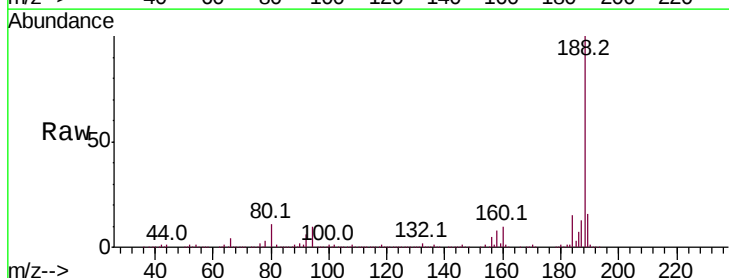


Abundance Ion 163.00 (162.70 to 163.70): E  
1500000 Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

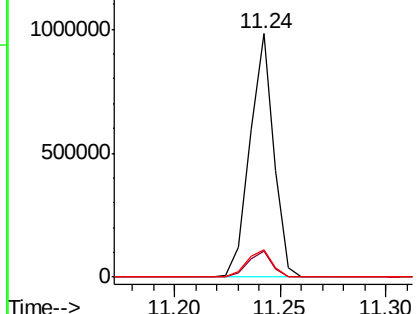
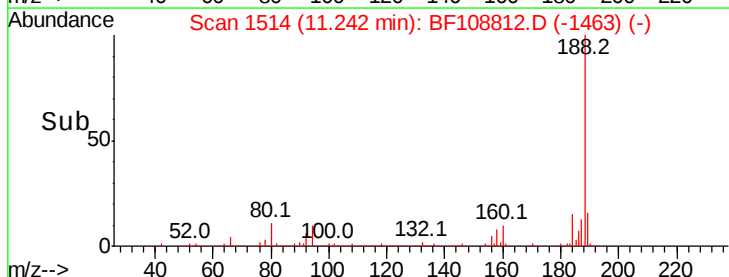


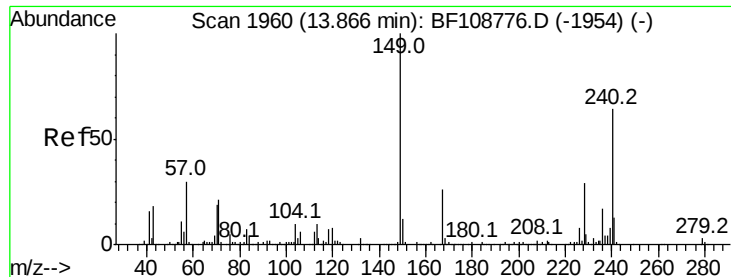
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.24 min Scan# 1514  
Delta R.T. -0.00 min  
Lab File: BF108812.D  
Acq: 6 Sep 2018 8:58

Tgt Ion:188 Resp: 770098  
Ion Ratio Lower Upper  
188 100  
94 10.5 8.5 12.7  
80 11.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108812.D

Acq: 6 Sep 2018 8:58

Instrument :

BNA\_F

ClientSampleId :

EP1-SUT-UST-05

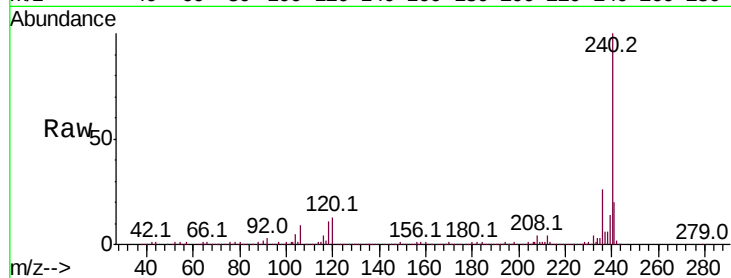
Tot Ion:240 Resp: 576022

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

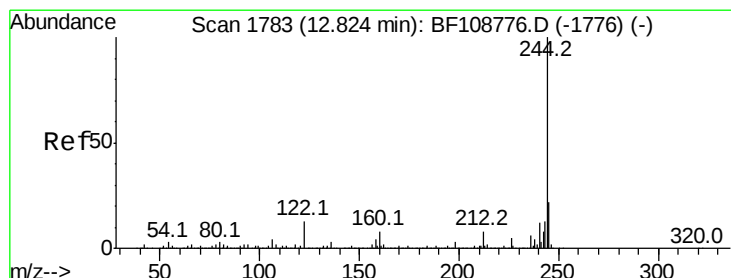
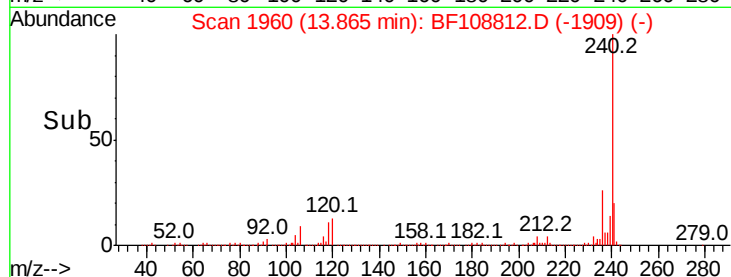
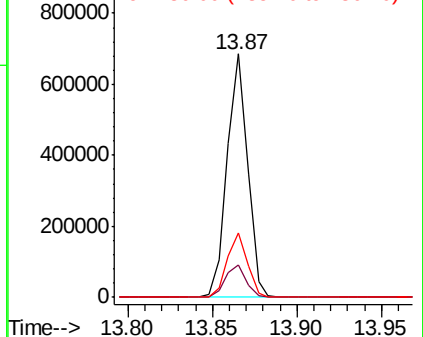
236 26.2 20.7 31.1



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



#78

Terphenyl-d14

Concen: 71.231 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108812.D

Acq: 6 Sep 2018 8:58

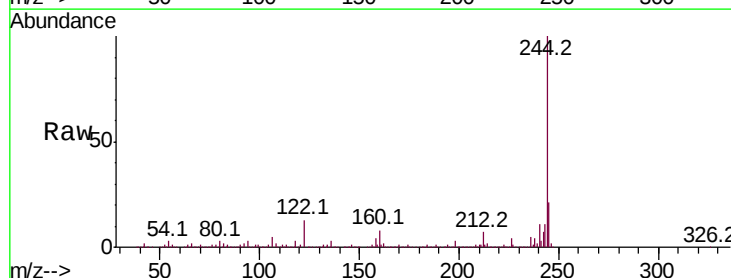
Tgt Ion:244 Resp: 1759526

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

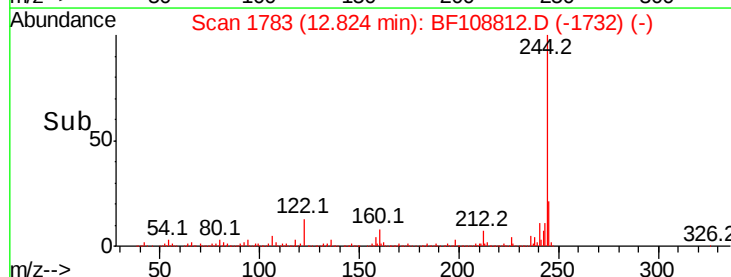
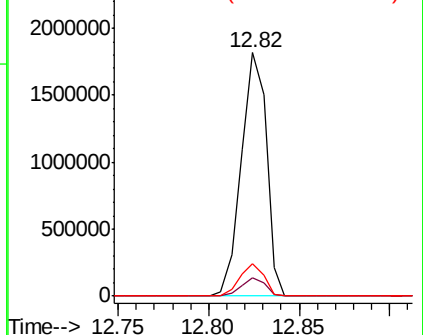
122 13.4 11.0 16.4

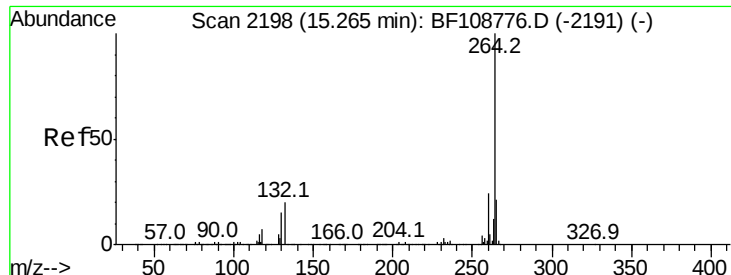


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

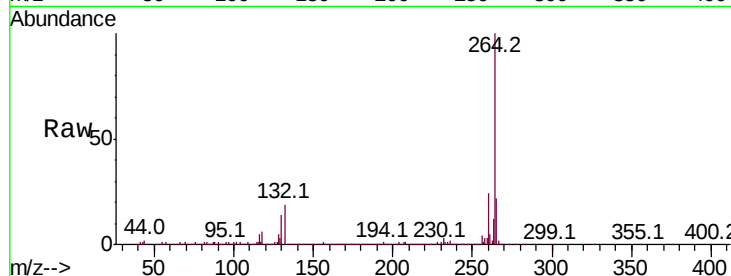




#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.27 min Scan# 2199  
Delta R.T. 0.01 min  
Lab File: BF108812.D  
Acq: 6 Sep 2018 8:58

Instrument :  
BNA\_F  
ClientSampleId :  
EP1-SUT-UST-05

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 597801 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.2  | 19.2  | 28.8   |
| 265      | 22.1  | 17.5  | 26.3   |



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

