

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF051719\  
 Data File : BF114356.D  
 Acq On : 17 May 2019 18:05  
 Operator : JU/SJ  
 Sample : K2894-17  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-02-9-10

Quant Time: May 18 05:35:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 15:56:46 2019  
 Response via : Initial Calibration

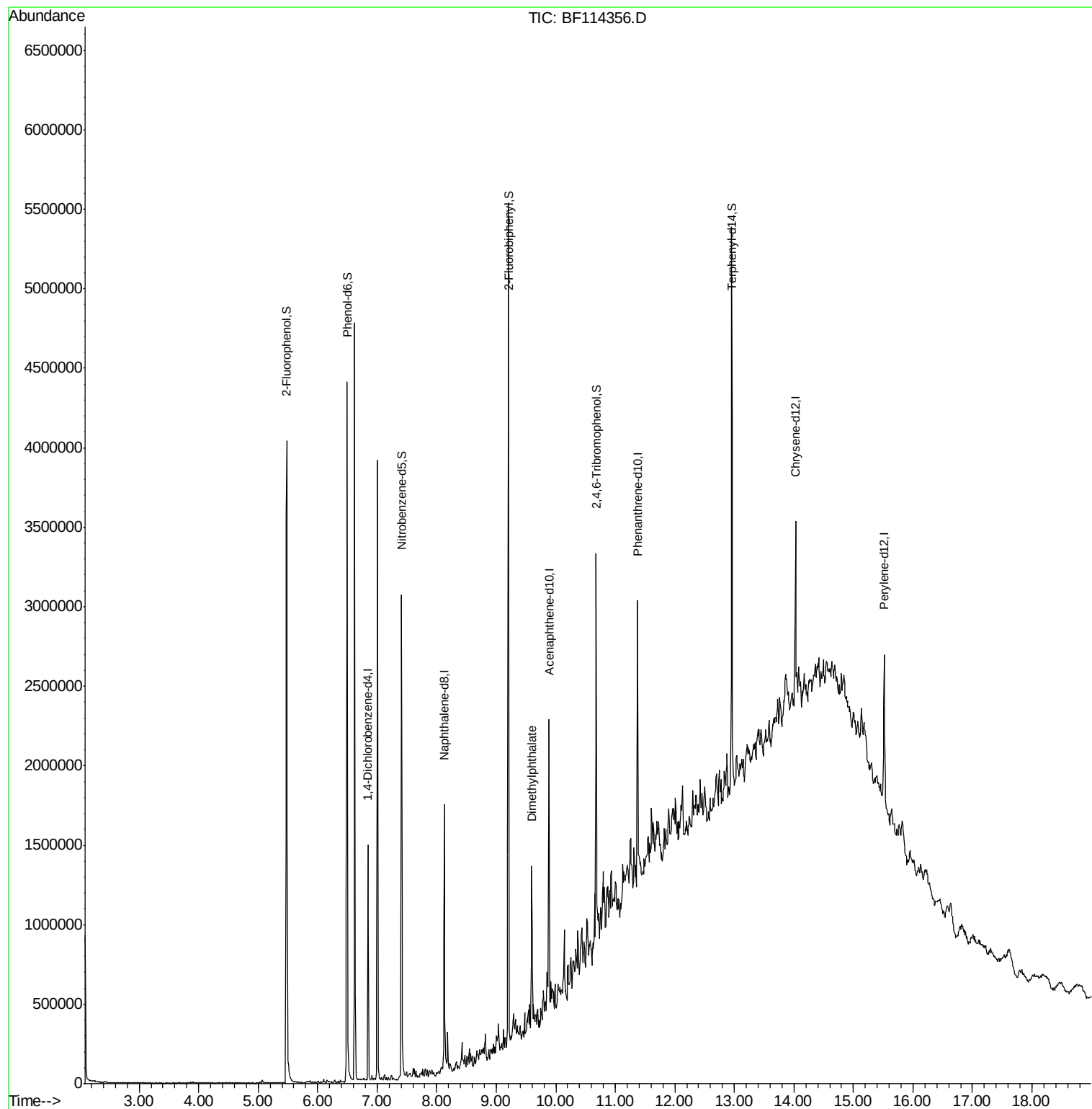
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 202111   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.13  | 136  | 776903   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.89  | 164  | 354590   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.37 | 188  | 615586   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.03 | 240  | 420643   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 15.52 | 264  | 415811   | 20.00  | ng    | 0.01      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.48  | 112  | 1198628  | 95.44  | ng    | 0.00      |
| 7) Phenol-d6                | 6.49  | 99   | 1585039  | 106.71 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 941060   | 67.98  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.68 | 330  | 326207   | 88.98  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 1610994  | 68.72  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.96 | 244  | 1324818  | 64.92  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.59  | 163  | 285639   | 10.973 | ng    | Qvalue 99 |

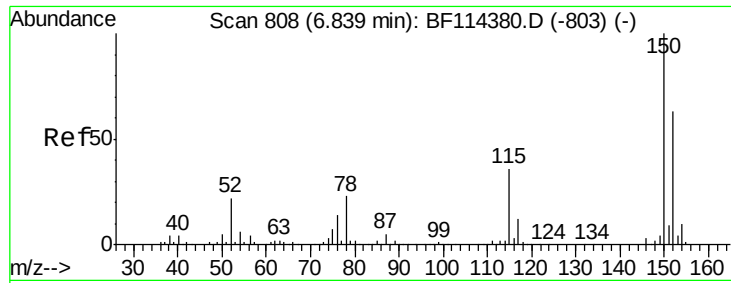
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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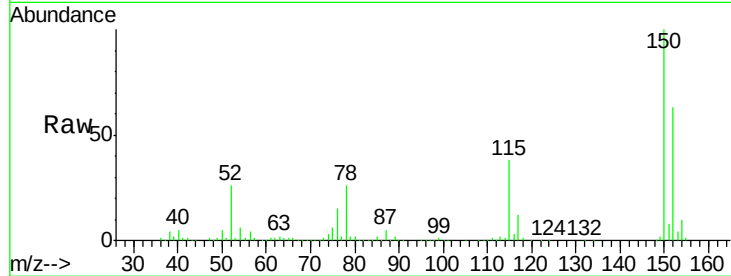


#1

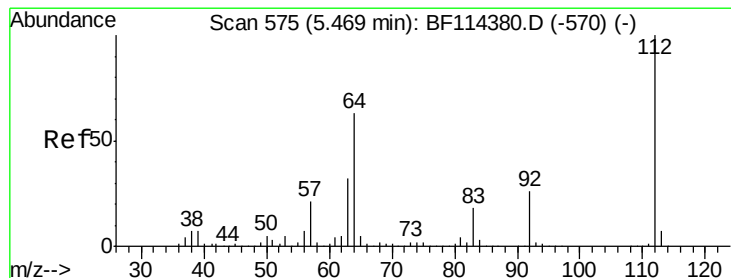
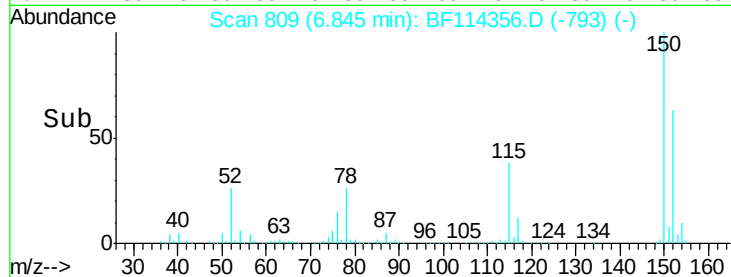
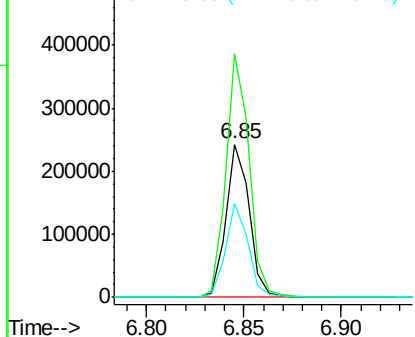
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BF114356.D  
Acq: 17 May 2019 18:05

Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-9-10

Tgt Ion:152 Resp: 202111  
Ion Ratio Lower Upper  
152 100  
150 158.8 124.3 186.5  
115 60.9 49.1 73.7



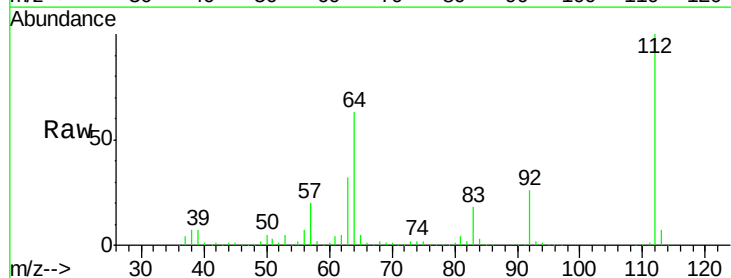
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



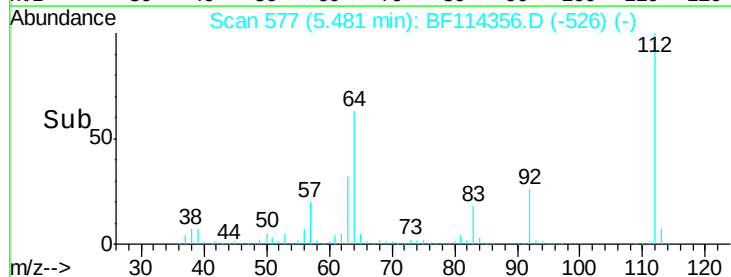
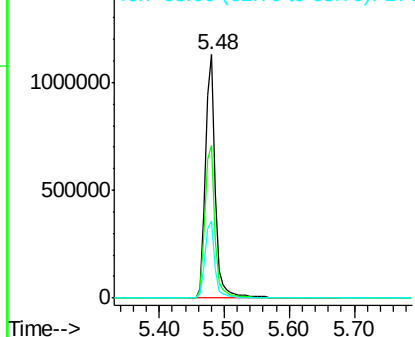
#5

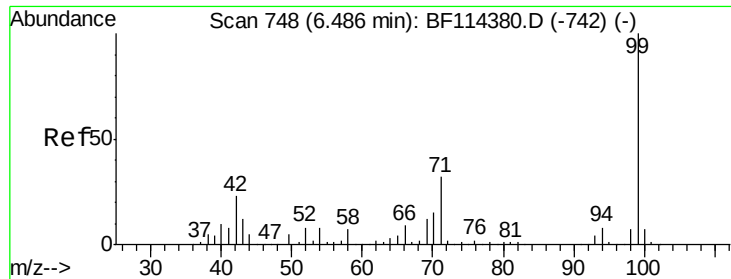
2-Fluorophenol  
Concen: 95.438 ng  
RT: 5.48 min Scan# 577  
Delta R.T. 0.00 min  
Lab File: BF114356.D  
Acq: 17 May 2019 18:05

Tgt Ion:112 Resp: 1198628  
Ion Ratio Lower Upper  
112 100  
64 62.6 49.0 73.6  
63 31.7 24.6 37.0



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: 106.706 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114356.D

Acq: 17 May 2019 18:05

Instrument :

BNA\_F

ClientSampleId :

SB-02-9-10

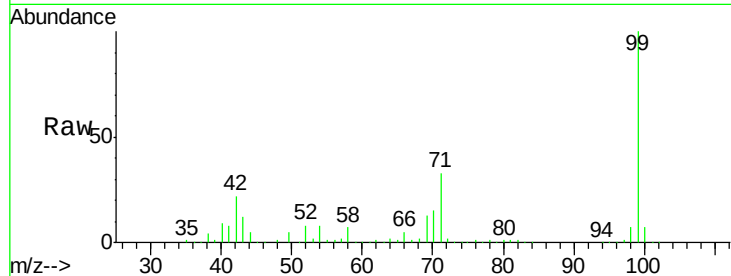
Tgt Ion: 99 Resp: 1585039

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

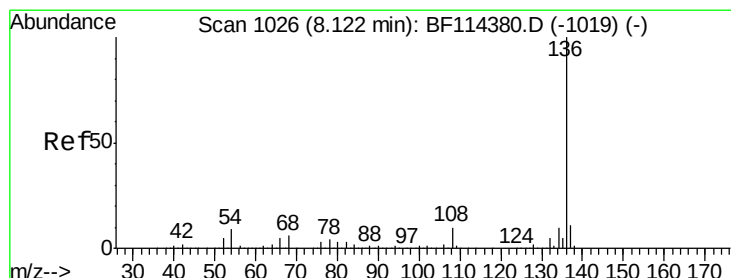
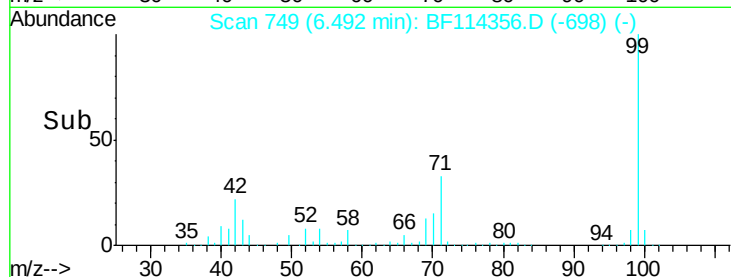
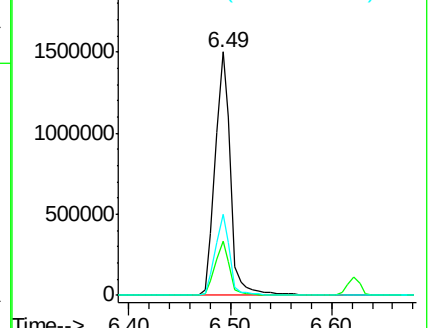
71 33.3 26.2 39.2



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114356.D

Acq: 17 May 2019 18:05

Tgt Ion: 136 Resp: 776903

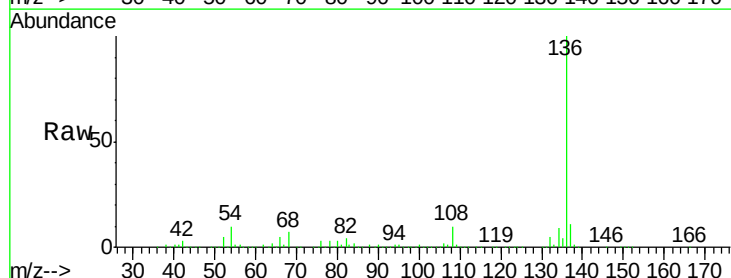
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.8 7.8 11.8

68 6.5 5.1 7.7

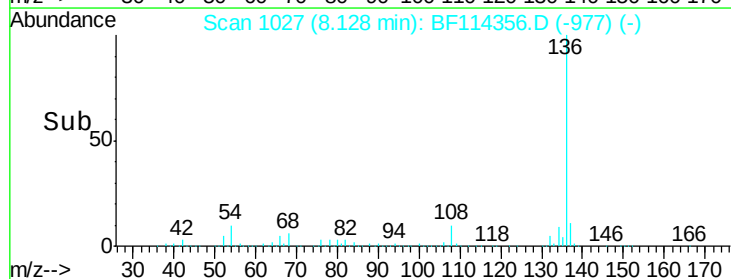
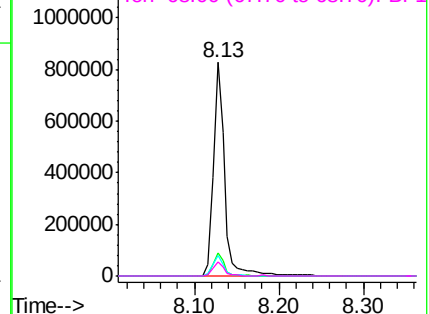


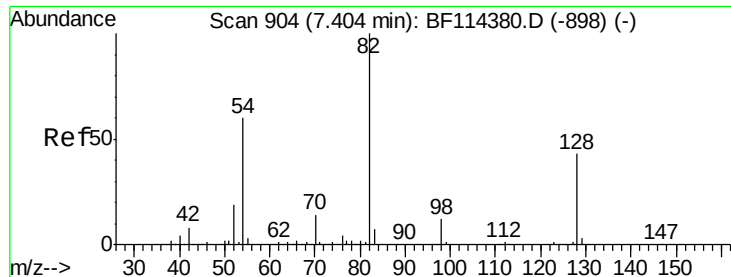
Abundance Ion 136.00 (135.70 to 136.70): E

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

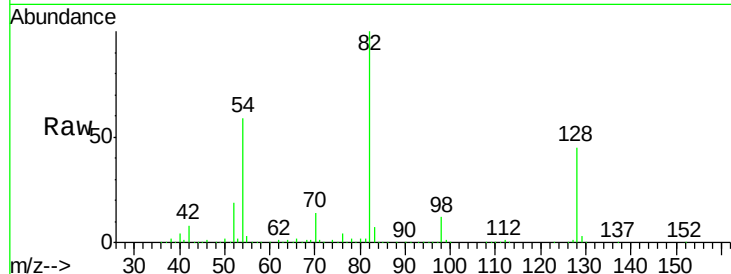




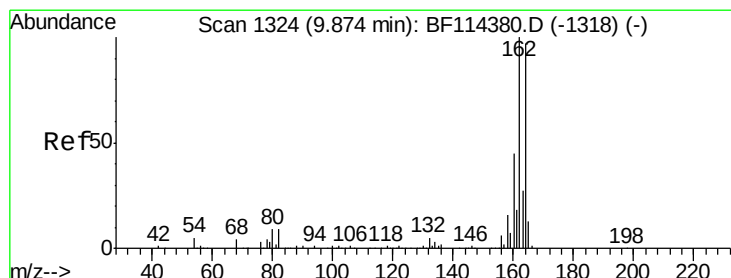
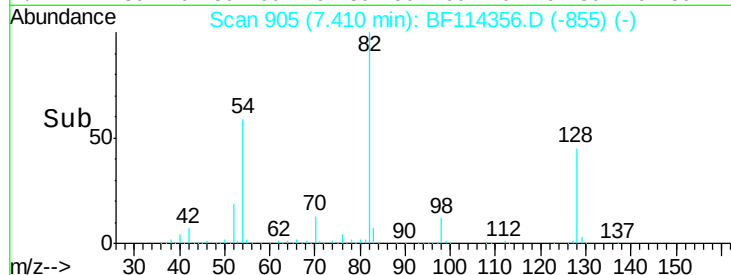
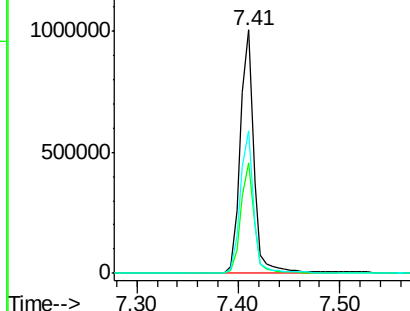
#23  
Nitrobenzene-d5  
Concen: 67.978 ng  
RT: 7.41 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BF114356.D  
Acq: 17 May 2019 18:05

Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-9-10

Tgt Ion: 82 Resp: 941060  
Ion Ratio Lower Upper  
82 100  
128 45.4 35.5 53.3  
54 58.6 48.5 72.7

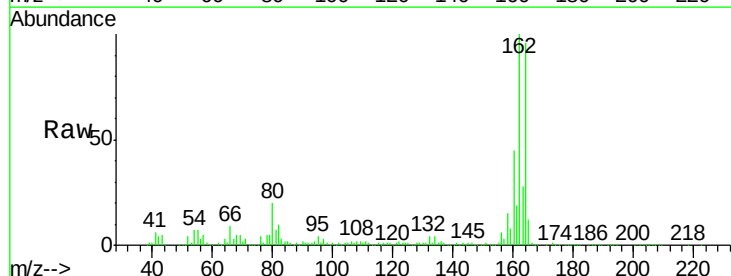


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

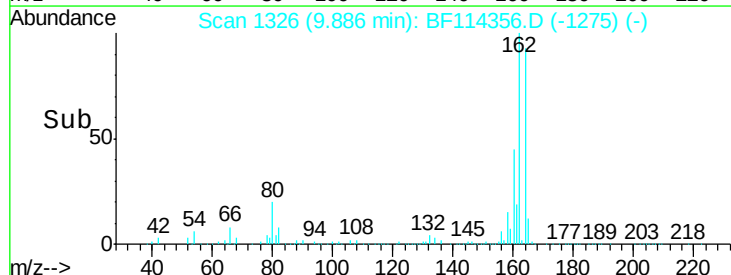
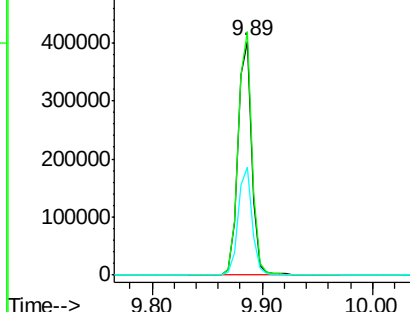


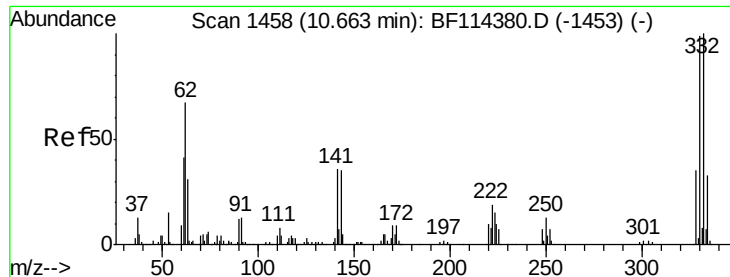
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BF114356.D  
Acq: 17 May 2019 18:05

Tgt Ion: 164 Resp: 354590  
Ion Ratio Lower Upper  
164 100  
162 104.3 80.6 120.8  
160 46.4 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BF1  
Ion 162.00 (161.70 to 162.70): BF1  
Ion 160.00 (159.70 to 160.70): BF1

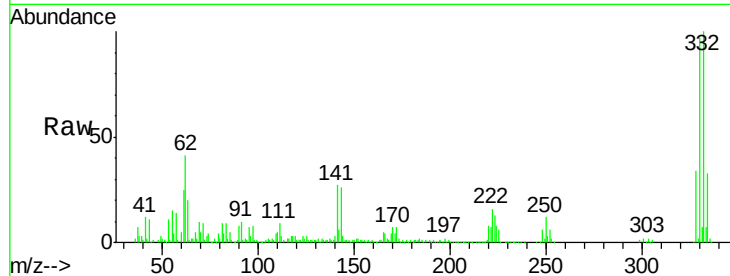




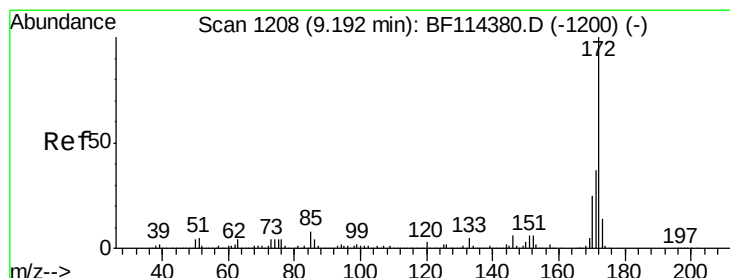
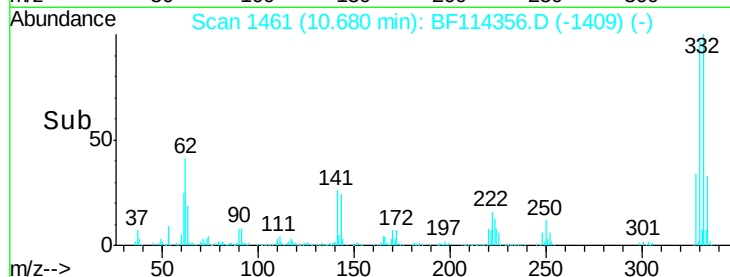
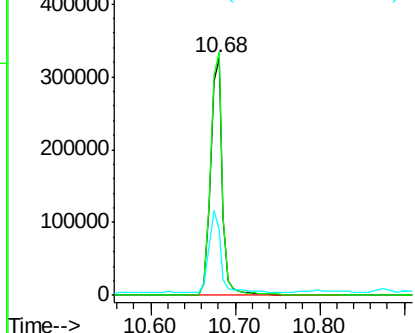
#42  
 2,4,6-Tribromophenol  
 Concen: 88.985 ng  
 RT: 10.68 min Scan# 1461  
 Delta R.T. 0.01 min  
 Lab File: BF114356.D  
 Acq: 17 May 2019 18:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-02-9-10

Tgt Ion:330 Resp: 326207  
 Ion Ratio Lower Upper  
 330 100  
 332 102.3 81.4 122.2  
 141 34.3 26.6 40.0

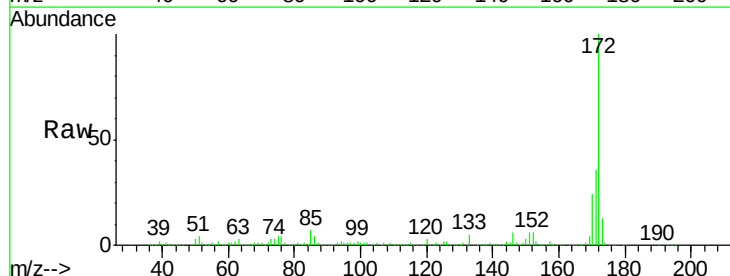


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

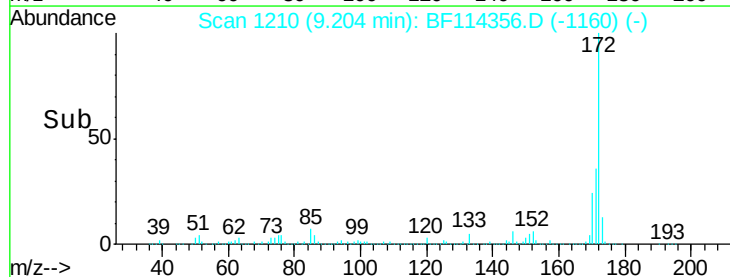
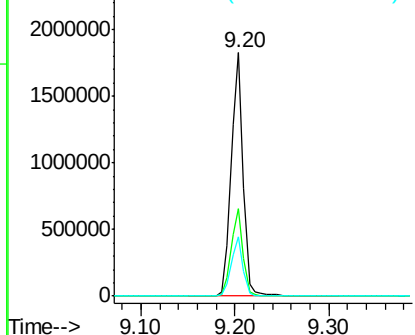


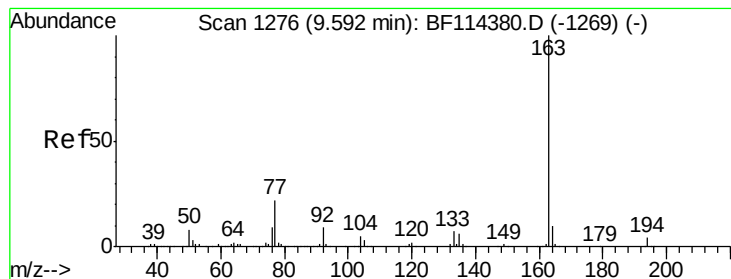
#45  
 2-Fluorobiphenyl  
 Concen: 68.724 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. -0.01 min  
 Lab File: BF114356.D  
 Acq: 17 May 2019 18:05

Tgt Ion:172 Resp: 1610994  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 30.7 46.1  
 170 24.2 20.5 30.7



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: 10.973 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114356.D

Acq: 17 May 2019 18:05

Instrument :

BNA\_F

ClientSampleId :

SB-02-9-10

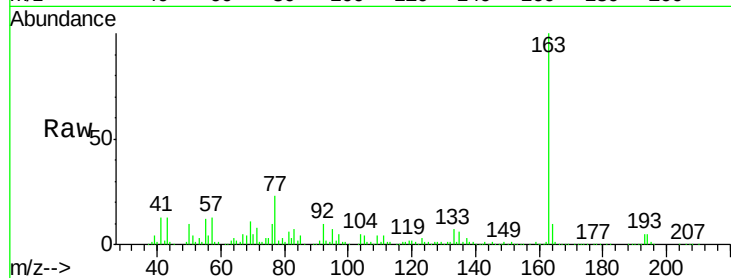
Tgt Ion:163 Resp: 285639

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

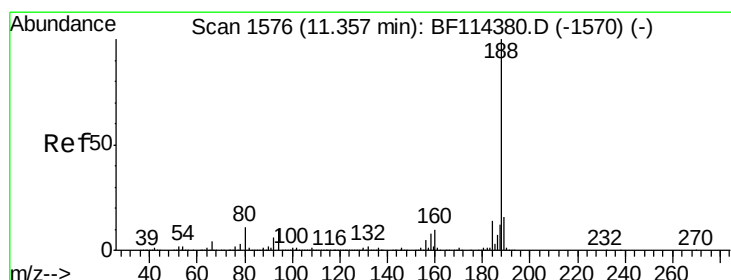
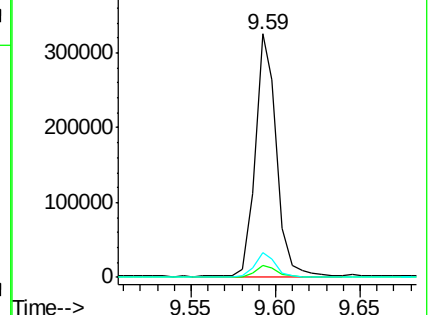
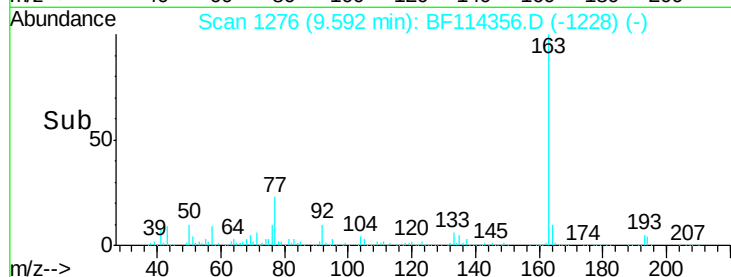
164 10.3 8.2 12.2



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: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114356.D

Acq: 17 May 2019 18:05

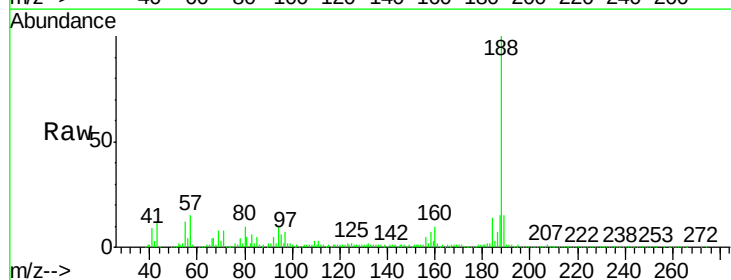
Tgt Ion:188 Resp: 615586

Ion Ratio Lower Upper

188 100

94 9.6 8.4 12.6

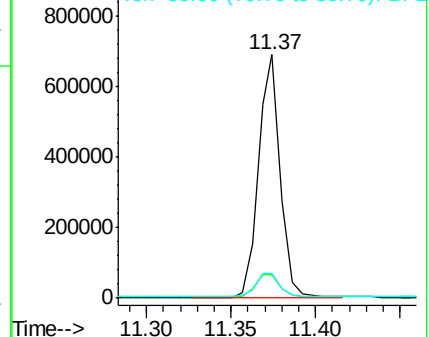
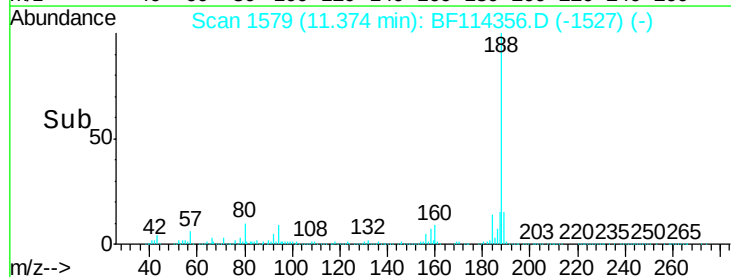
80 10.0 9.2 13.8

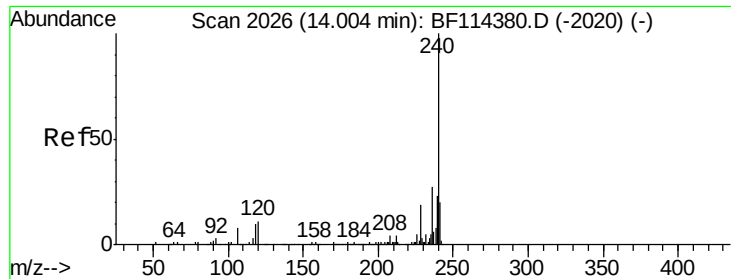


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

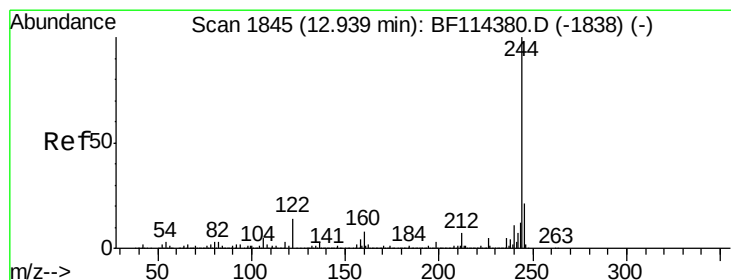
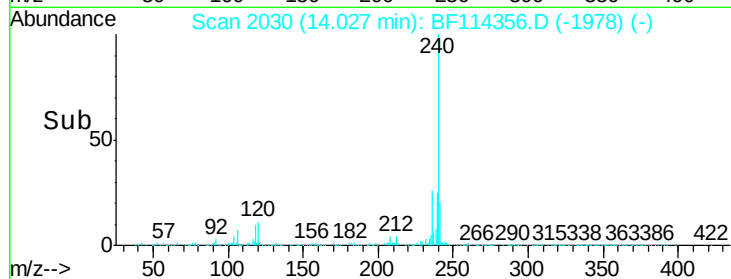
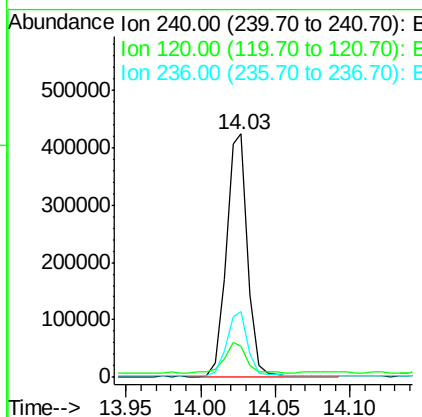
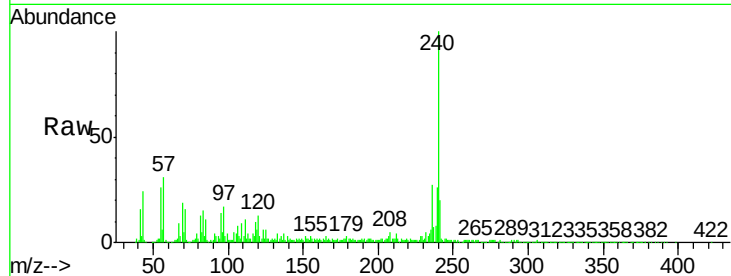




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.03 min Scan# 2030  
Delta R.T. 0.01 min  
Lab File: BF114356.D  
Acq: 17 May 2019 18:05

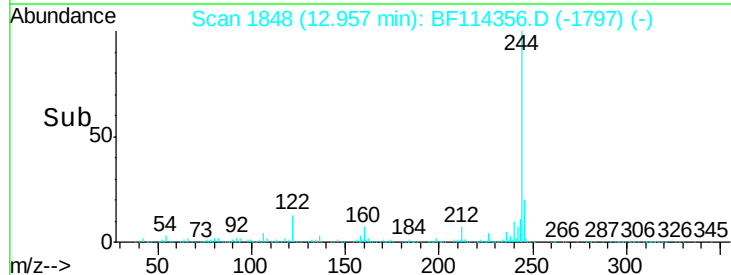
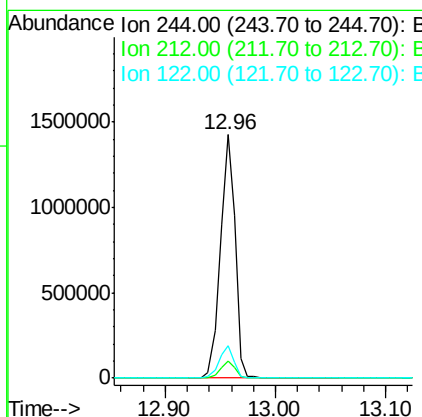
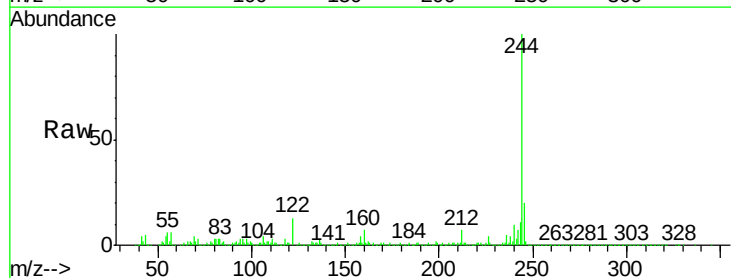
Instrument :  
BNA\_F  
ClientSampled :  
SB-02-9-10

Tgt Ion:240 Resp: 420643  
Ion Ratio Lower Upper  
240 100  
120 12.8 8.3 12.5#  
236 26.8 20.8 31.2

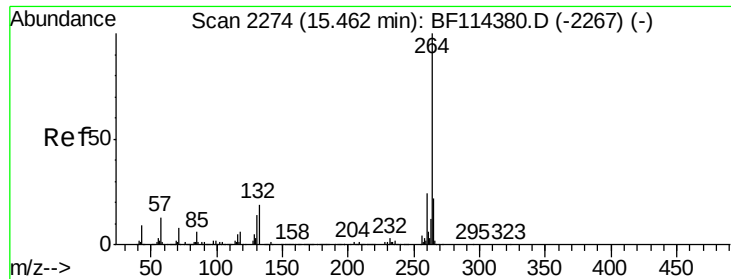


#79  
Terphenyl-d14  
Concen: 64.925 ng  
RT: 12.96 min Scan# 1848  
Delta R.T. -0.00 min  
Lab File: BF114356.D  
Acq: 17 May 2019 18:05

Tgt Ion:244 Resp: 1324818  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.8 8.6  
122 13.1 9.4 14.2







#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.52 min Scan# 2283  
Delta R.T. 0.01 min  
Lab File: BF114356.D  
Acq: 17 May 2019 18:05

Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-9-10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 19.4  | 29.0  |
| 265     | 22.5  | 16.9  | 25.3  |

