

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\  
 Data File : BF114283.D  
 Acq On : 15 May 2019 14:22  
 Operator : JU/SJ  
 Sample : K2845-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FEBH-03

Quant Time: May 16 07:37:07 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

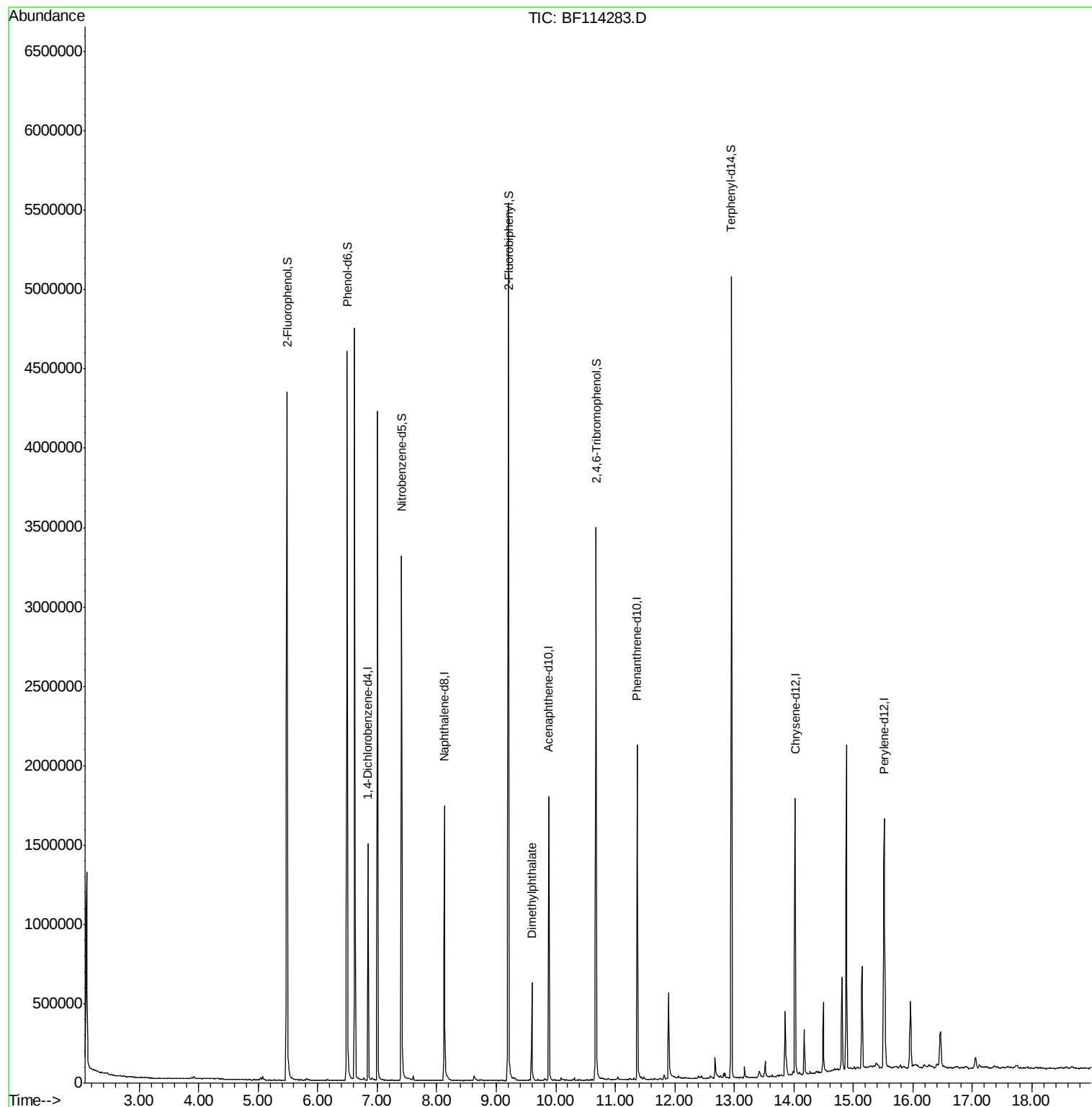
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 211705   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.13  | 136  | 807250   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.88  | 164  | 379759   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.37 | 188  | 784080   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 14.02 | 240  | 632546   | 20.00  | ng    | 0.00         |
| 87) Perylene-d12            | 15.52 | 264  | 639965   | 20.00  | ng    | 0.01         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.49  | 112  | 1299131  | 98.75  | ng    | 0.00         |
| 7) Phenol-d6                | 6.50  | 99   | 1723771  | 110.79 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 1050241  | 73.01  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 420506   | 107.11 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 1706847  | 67.99  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.95 | 244  | 1778247  | 57.95  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.60  | 163  | 285459   | 10.240 | ng    | Qvalue<br>99 |

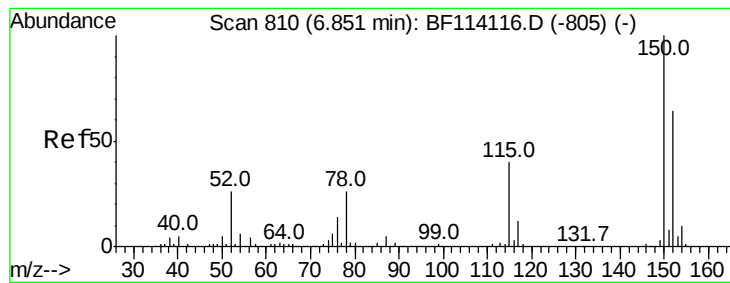
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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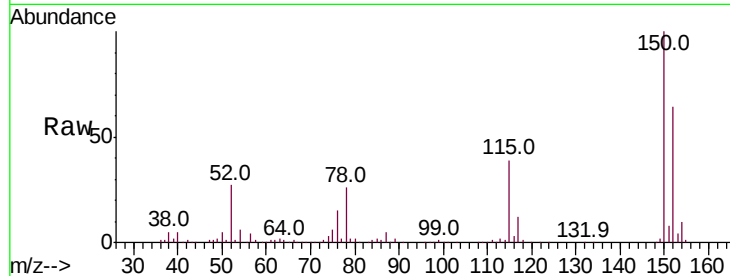


#1

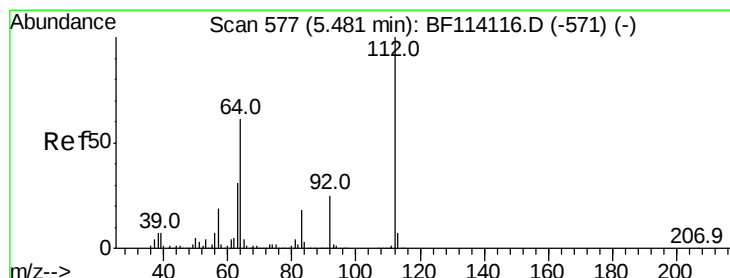
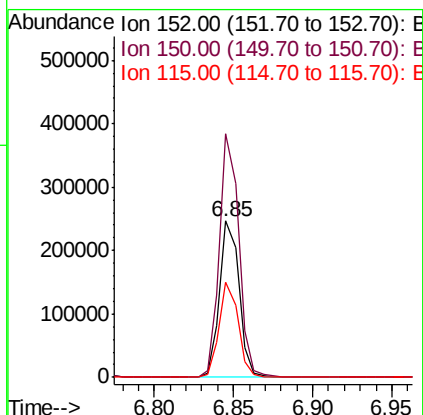
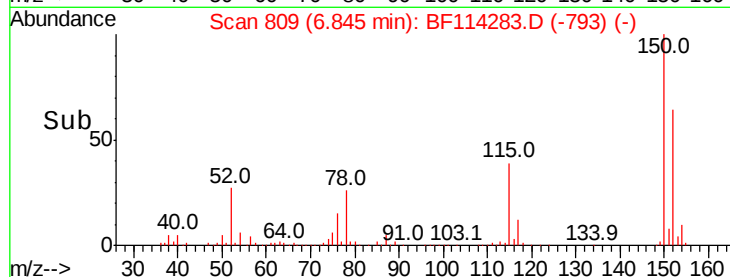
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BF114283.D  
Acq: 15 May 2019 14:22

Instrument :  
BNA\_F  
ClientSampleId :  
FEBH-03

Tot Ion:152 Resp: 211705  
Ion Ratio Lower Upper  
152 100  
150 156.0 124.3 186.5  
115 61.1 49.1 73.7



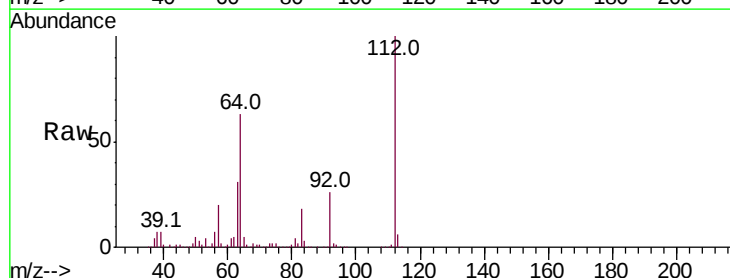
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



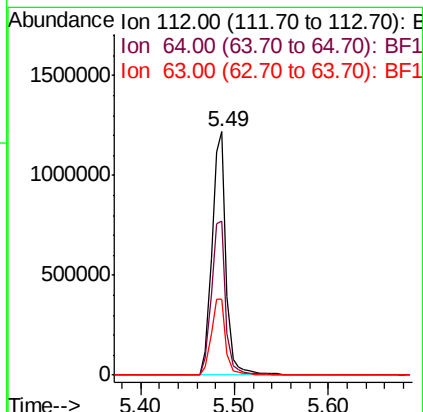
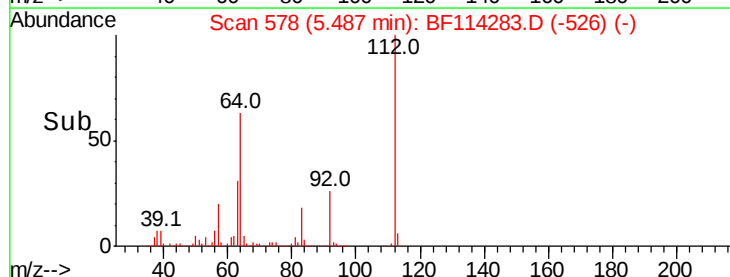
#5

2-Fluorophenol  
Concen: 98.753 ng  
RT: 5.49 min Scan# 578  
Delta R.T. 0.01 min  
Lab File: BF114283.D  
Acq: 15 May 2019 14:22

Tgt Ion:112 Resp: 1299131  
Ion Ratio Lower Upper  
112 100  
64 63.0 49.0 73.6  
63 31.5 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: 110.787 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114283.D

Acq: 15 May 2019 14:22

Instrument :

BNA\_F

ClientSampleId :

FEBH-03

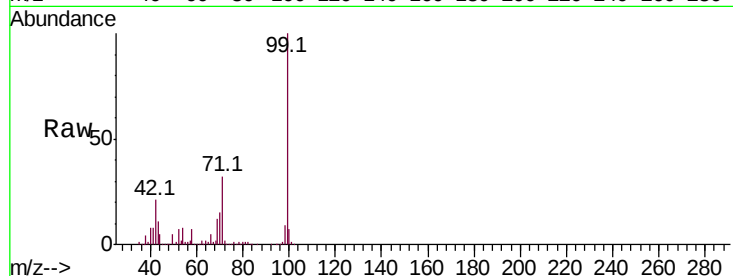
Tot Ion: 99 Resp: 1723771

Ion Ratio Lower Upper

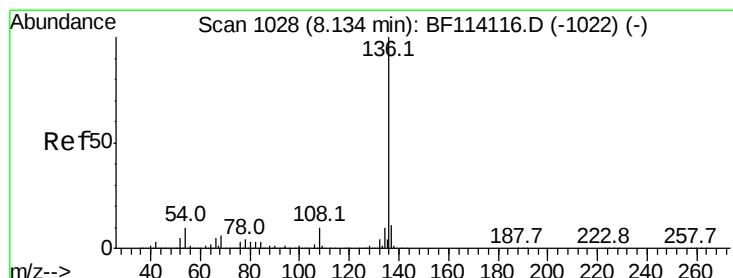
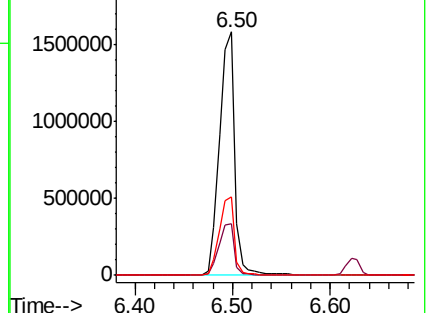
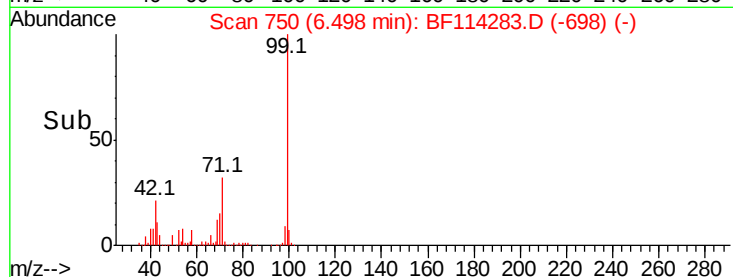
99 100

42 21.1 17.9 26.9

71 32.0 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: BF114283.D

Acq: 15 May 2019 14:22

Tgt Ion: 136 Resp: 807250

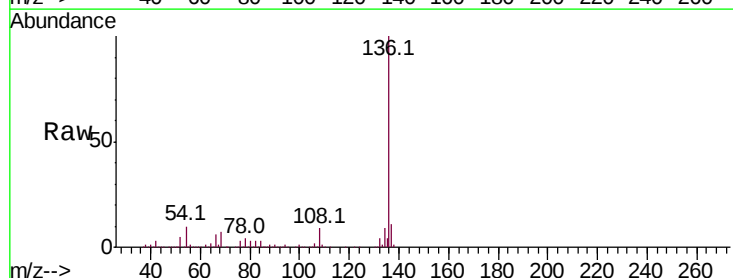
Ion Ratio Lower Upper

136 100

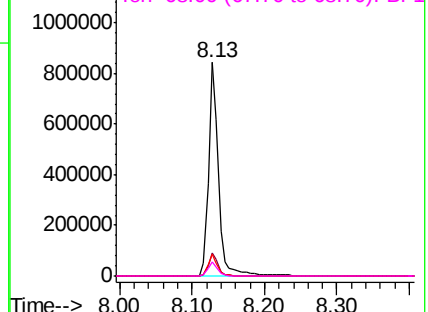
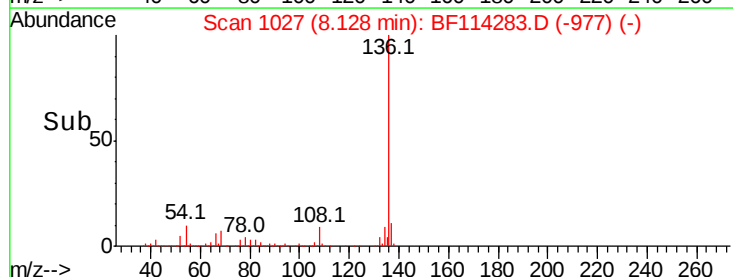
137 11.0 8.8 13.2

54 10.0 7.8 11.8

68 6.7 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

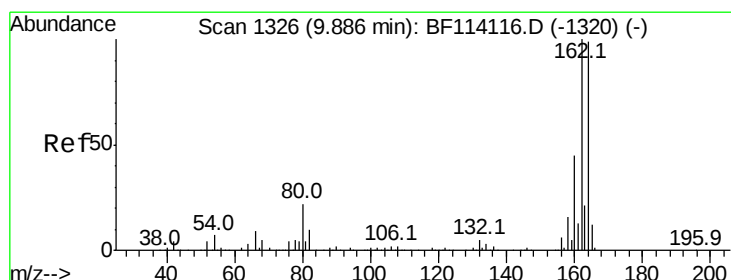
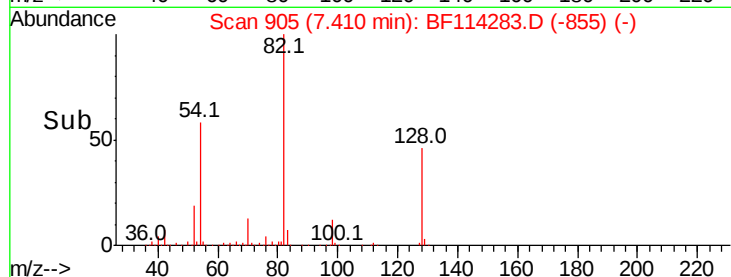
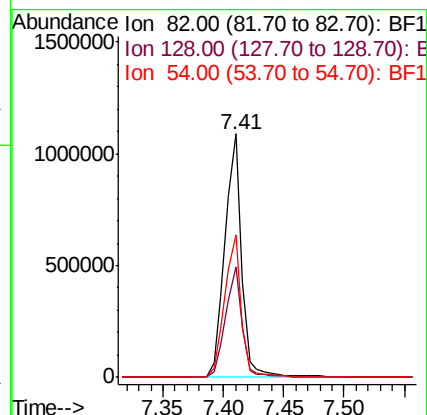
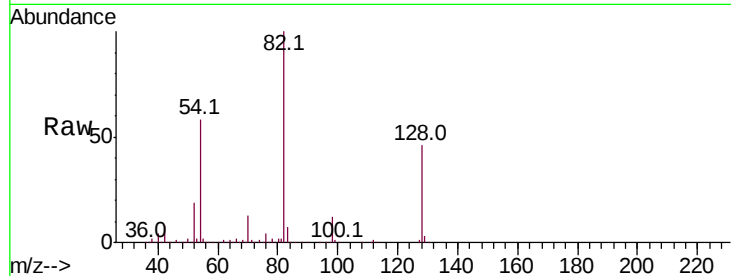




#23  
 Nitrobenzene-d5  
 Concen: 73.013 ng  
 RT: 7.41 min Scan# 905  
 Delta R.T. -0.01 min  
 Lab File: BF114283.D  
 Acq: 15 May 2019 14:22

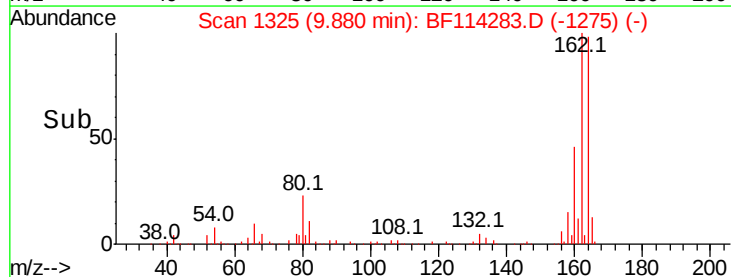
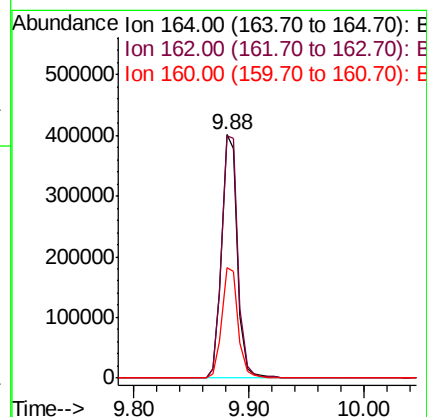
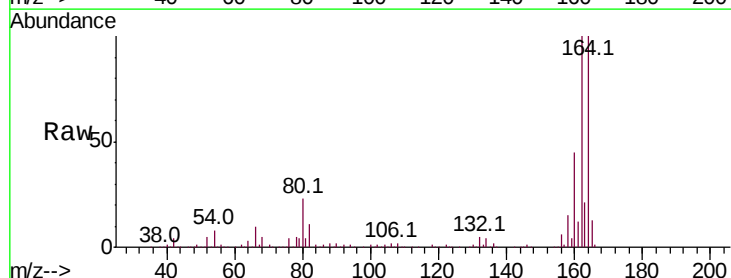
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FEBH-03

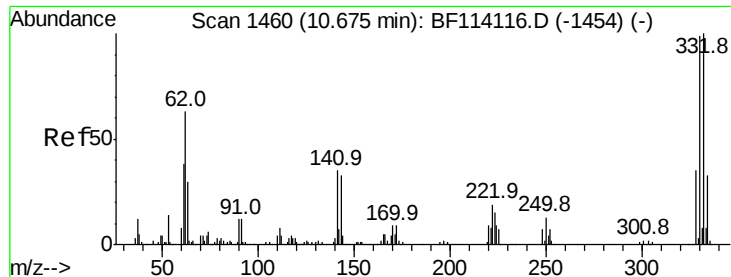
Tot Ion: 82 Resp: 1050241  
 Ion Ratio Lower Upper  
 82 100  
 128 45.6 35.5 53.3  
 54 58.5 48.5 72.7



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. -0.01 min  
 Lab File: BF114283.D  
 Acq: 15 May 2019 14:22

Tgt Ion:164 Resp: 379759  
 Ion Ratio Lower Upper  
 164 100  
 162 99.7 80.6 120.8  
 160 45.3 36.5 54.7

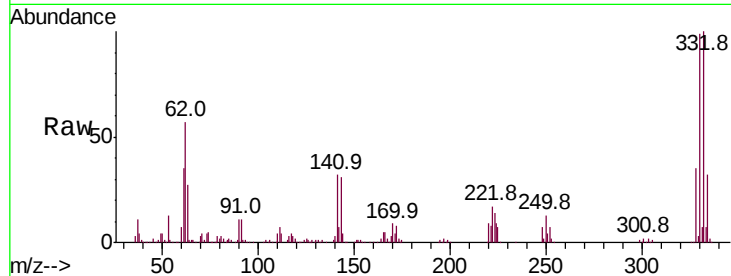




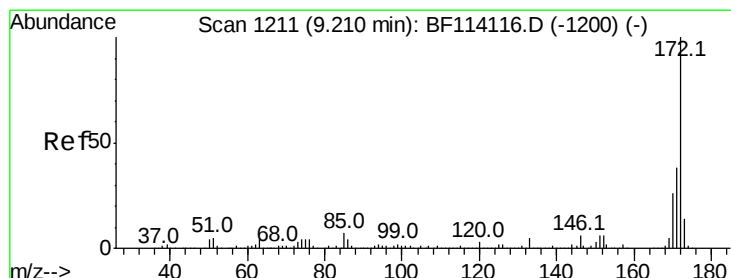
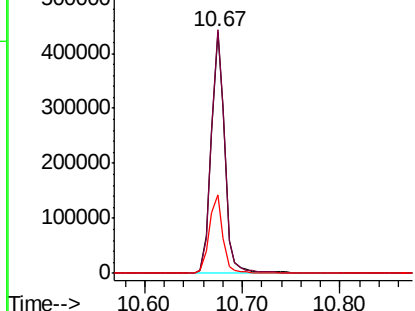
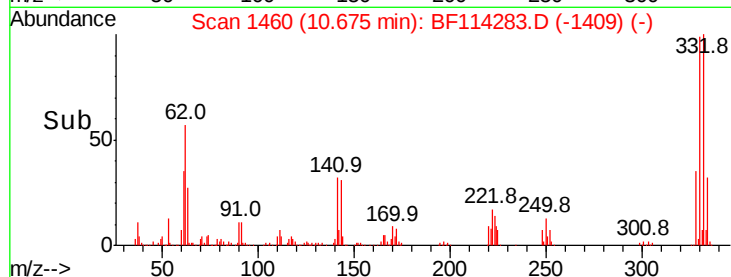
#42  
 2,4,6-Tribromophenol  
 Concen: 107.106 ng  
 RT: 10.67 min Scan# 1460  
 Delta R.T. -0.00 min  
 Lab File: BF114283.D  
 Acq: 15 May 2019 14:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FEBH-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 100.8 | 81.4  | 122.2 |
| 141     | 33.2  | 26.6  | 40.0  |

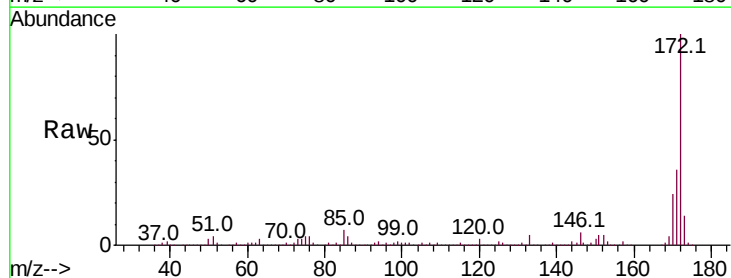


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

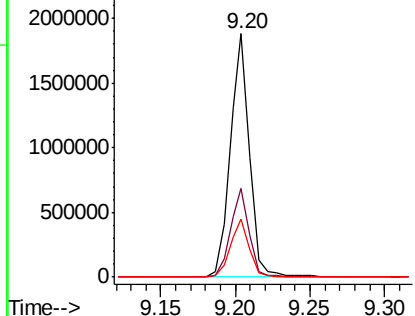
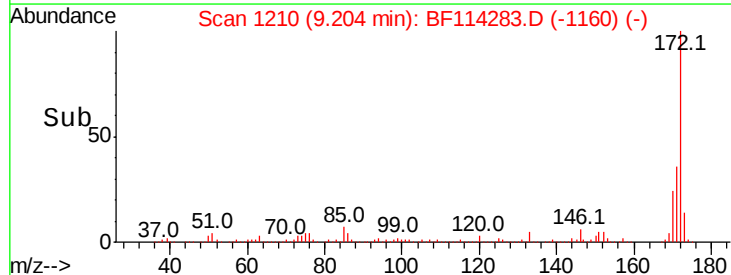


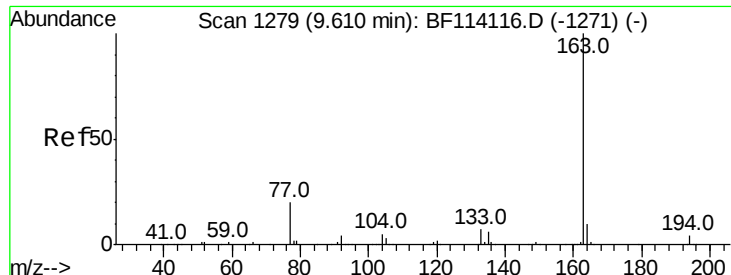
#45  
 2-Fluorobiphenyl  
 Concen: 67.988 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. -0.01 min  
 Lab File: BF114283.D  
 Acq: 15 May 2019 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 30.7  | 46.1  |
| 170     | 24.1  | 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: 10.240 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114283.D

Acq: 15 May 2019 14:22

Instrument :

BNA\_F

ClientSampleId :

FEBH-03

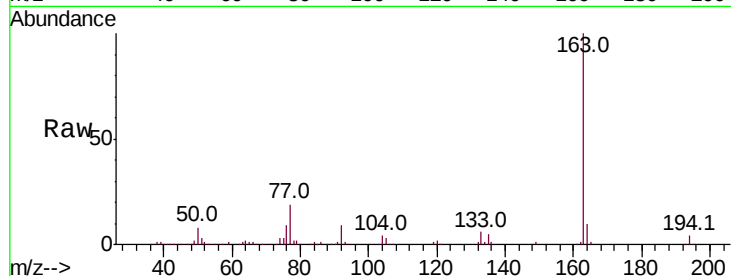
Tot Ion:163 Resp: 285459

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

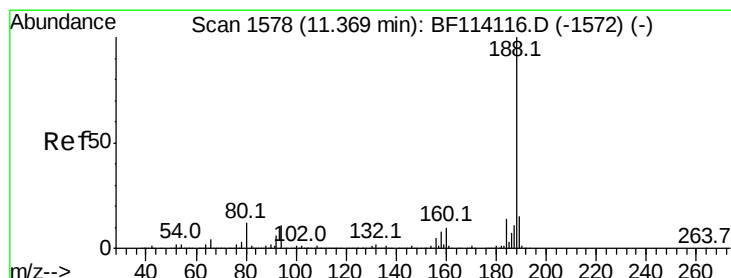
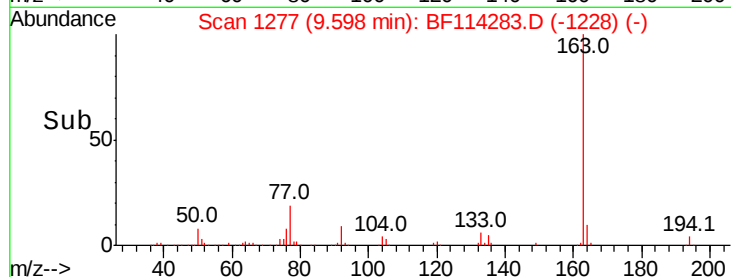
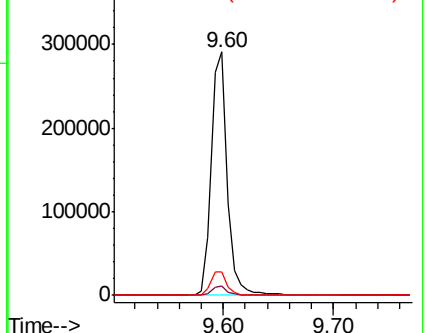
164 9.7 8.2 12.2



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# 1578

Delta R.T. -0.00 min

Lab File: BF114283.D

Acq: 15 May 2019 14:22

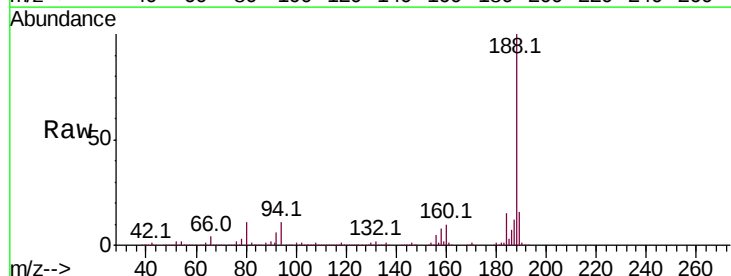
Tgt Ion:188 Resp: 784080

Ion Ratio Lower Upper

188 100

94 10.8 8.4 12.6

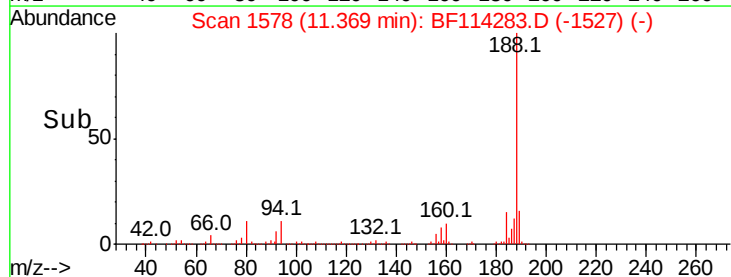
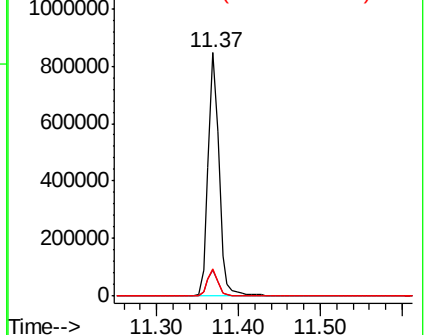
80 11.5 9.2 13.8

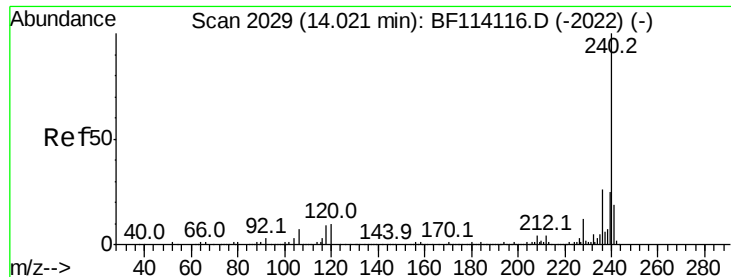


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

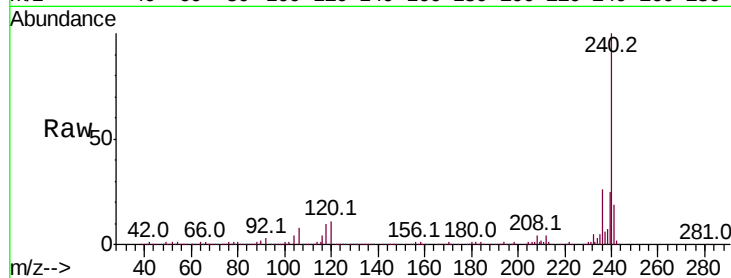




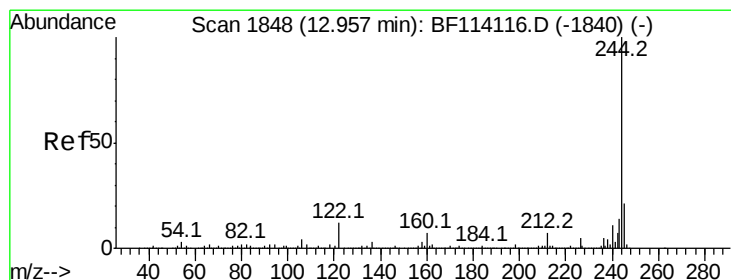
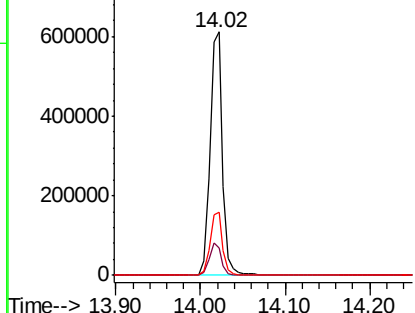
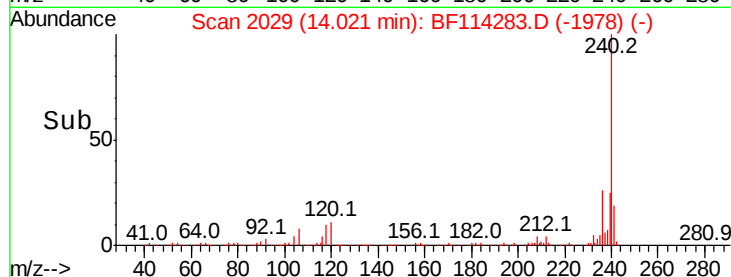
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.02 min Scan# 2029  
Delta R.T. -0.00 min  
Lab File: BF114283.D  
Acq: 15 May 2019 14:22

Instrument :  
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ClientSampleId :  
FEBH-03

Tot Ion:240 Resp: 632546  
Ion Ratio Lower Upper  
240 100  
120 11.3 8.3 12.5  
236 26.1 20.8 31.2

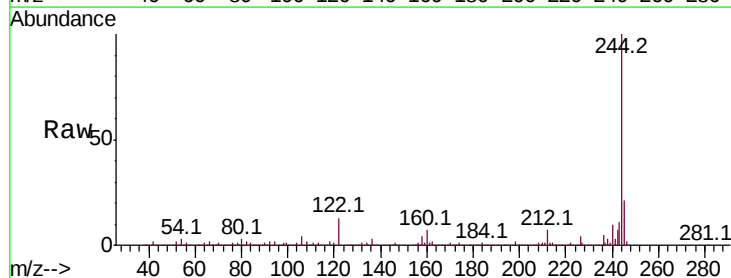


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

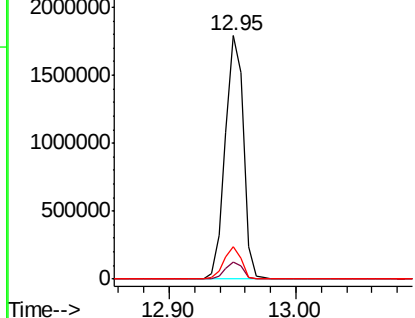
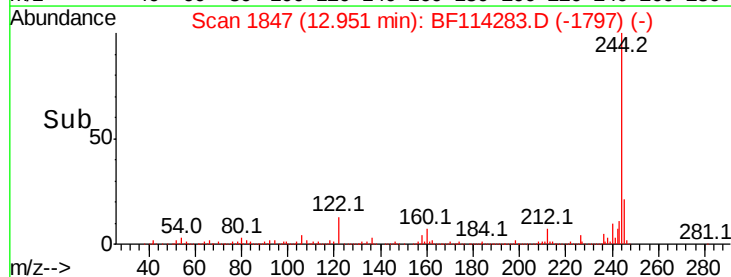


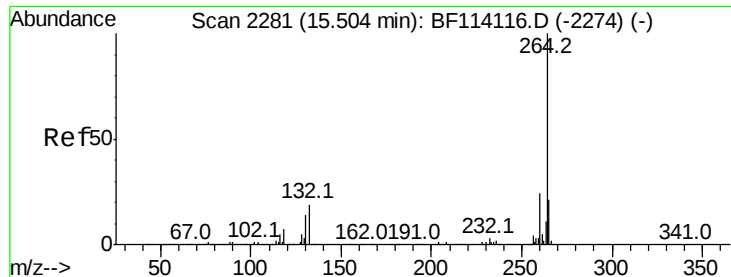
#79  
Terphenyl-d14  
Concen: 57.952 ng  
RT: 12.95 min Scan# 1847  
Delta R.T. -0.01 min  
Lab File: BF114283.D  
Acq: 15 May 2019 14:22

Tgt Ion:244 Resp: 1778247  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.8 8.6  
122 13.4 9.4 14.2



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





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.52 min Scan# 2283  
Delta R.T. 0.01 min  
Lab File: BF114283.D  
Acq: 15 May 2019 14:22

Instrument :  
BNA\_F  
ClientSampleId :  
FEBH-03

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 19.4  | 29.0  |
| 265     | 21.6  | 16.9  | 25.3  |

