

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\  
 Data File : BF114860.D  
 Acq On : 6 Jun 2019 13:55  
 Operator : HP/JU  
 Sample : K3192-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CLVR-AVEX-WC1B

Quant Time: Jun 07 01:55:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 04 16:57:15 2019  
 Response via : Initial Calibration

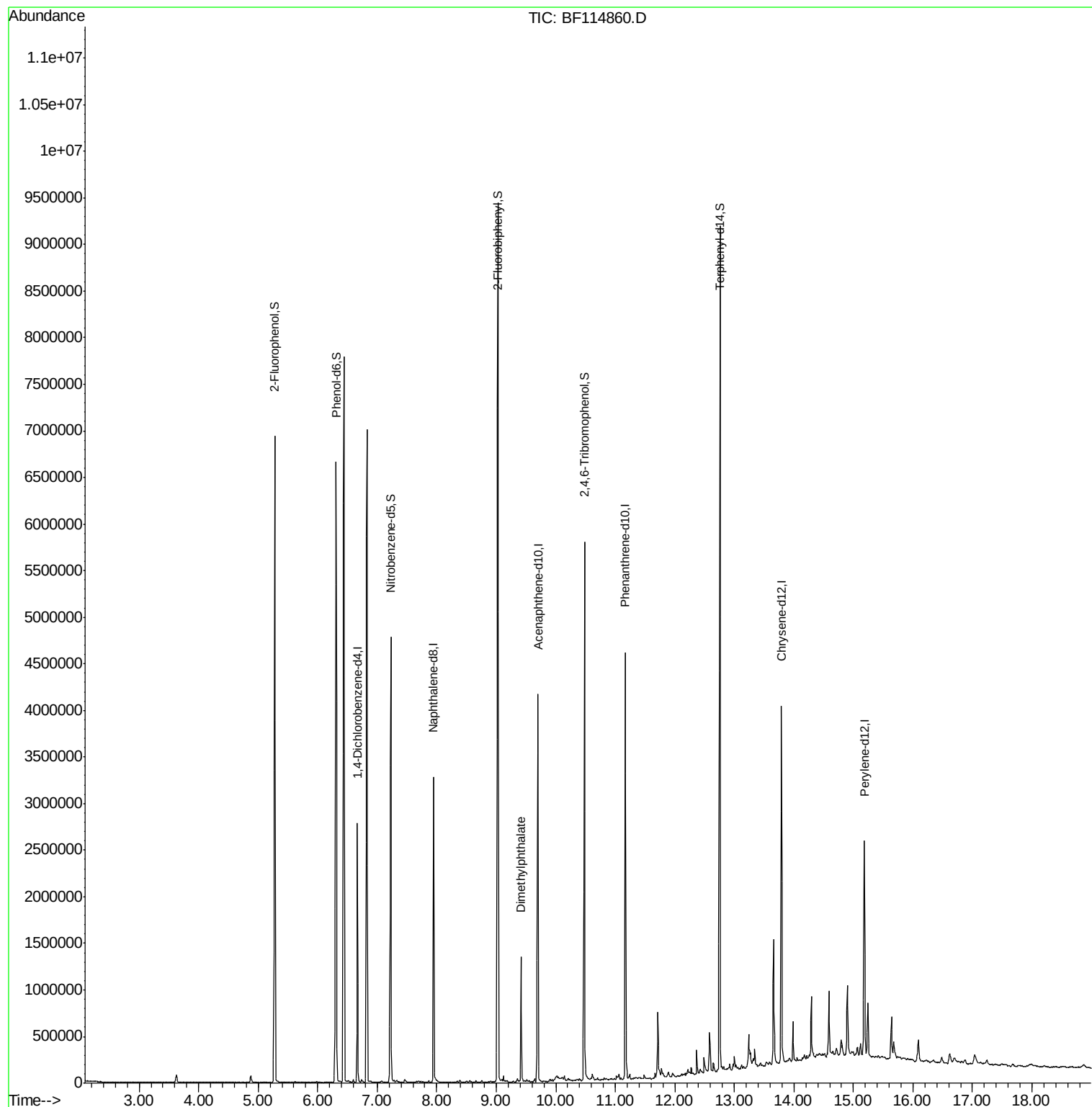
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.67  | 152  | 416168   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.95  | 136  | 1654997  | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.70  | 164  | 837226   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.17 | 188  | 1616033  | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.79 | 240  | 1170544  | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 15.19 | 264  | 1070800  | 20.00  | ng    | 0.01      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.28  | 112  | 2333891  | 97.99  | ng    | 0.02      |
| 7) Phenol-d6                | 6.31  | 99   | 2923803  | 100.89 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.23  | 82   | 1843953  | 68.59  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.48 | 330  | 780355   | 86.49  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.03  | 172  | 3252993  | 72.78  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.76 | 244  | 3491739  | 58.01  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.42  | 163  | 520349   | 8.510  | ng    | Qvalue 99 |

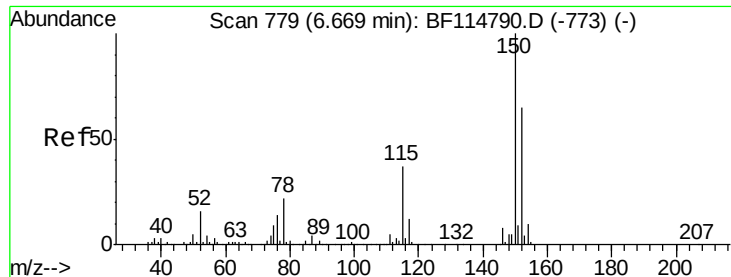
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\  
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Sample : K3192-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CLVR-AVEX-WC1B

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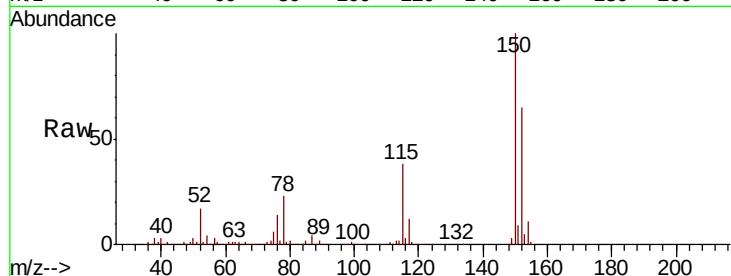


#1

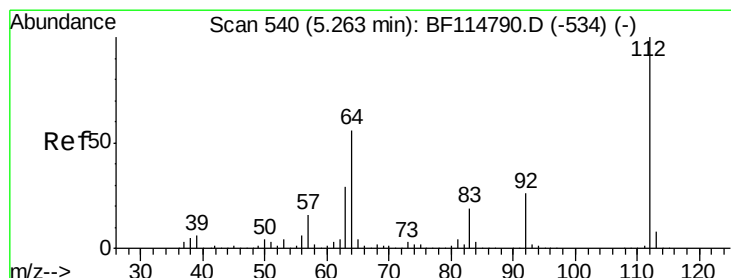
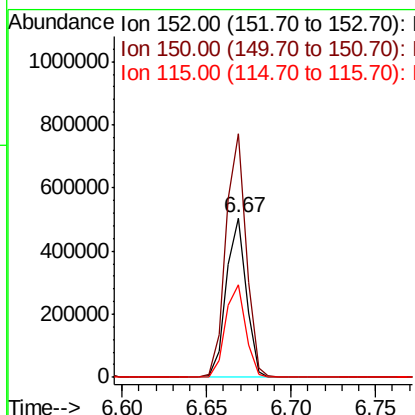
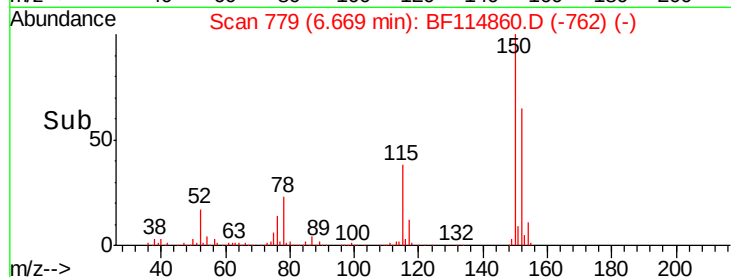
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.67 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: BF114860.D  
Acq: 6 Jun 2019 13:55

Instrument :  
BNA\_F  
ClientSampleId :  
CLVR-AVEX-WC1B

Tot Ion:152 Resp: 416168  
Ion Ratio Lower Upper  
152 100  
150 152.9 124.0 186.0  
115 58.1 46.3 69.5



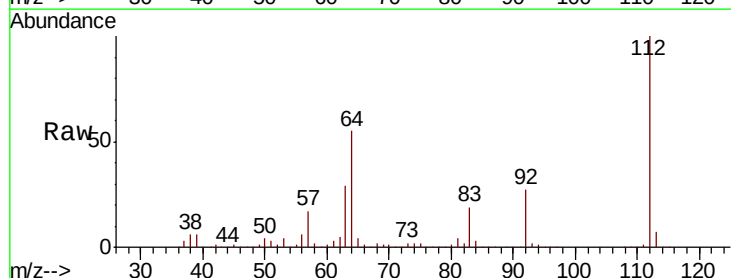
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



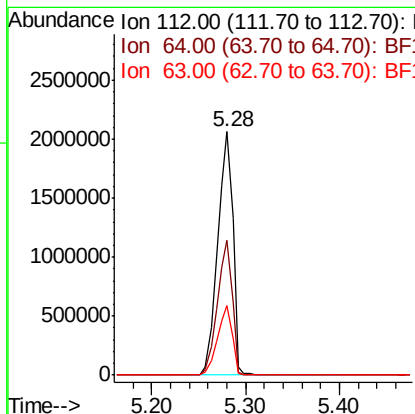
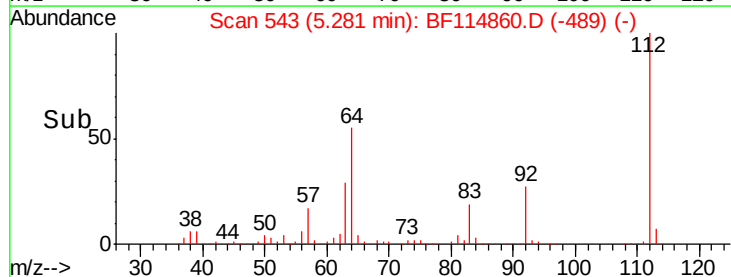
#5

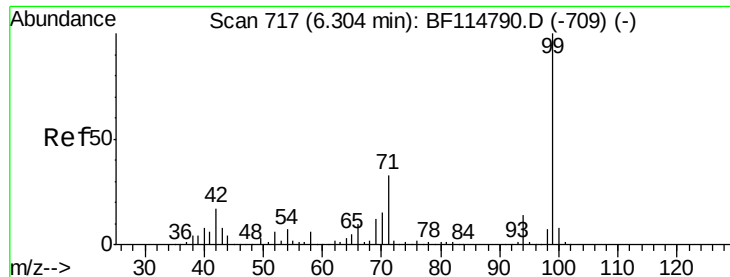
2-Fluorophenol  
Concen: 97.992 ng  
RT: 5.28 min Scan# 543  
Delta R.T. 0.02 min  
Lab File: BF114860.D  
Acq: 6 Jun 2019 13:55

Tgt Ion:112 Resp: 2333891  
Ion Ratio Lower Upper  
112 100  
64 55.5 44.6 66.8  
63 28.8 23.0 34.4



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: 100.888 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

Instrument :

BNA\_F

ClientSampleId :

CLVR-AVEX-WC1B

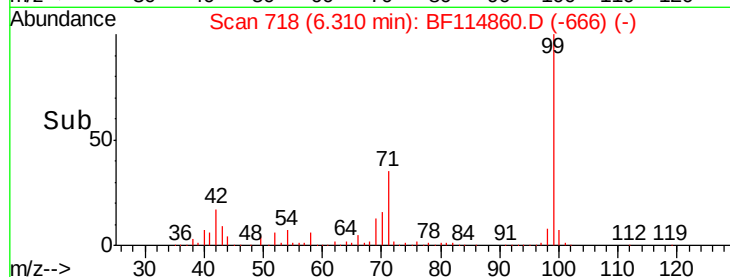
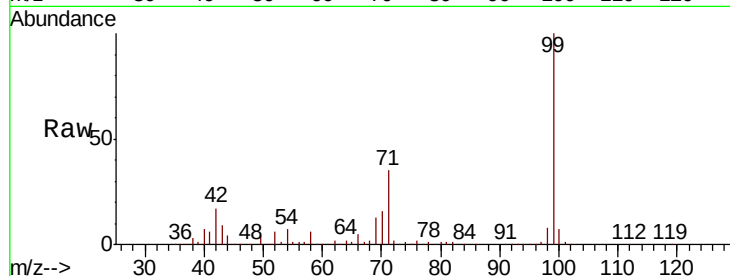
Tot Ion: 99 Resp: 2923803

Ion Ratio Lower Upper

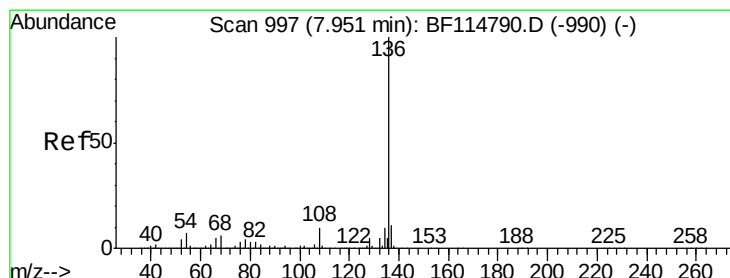
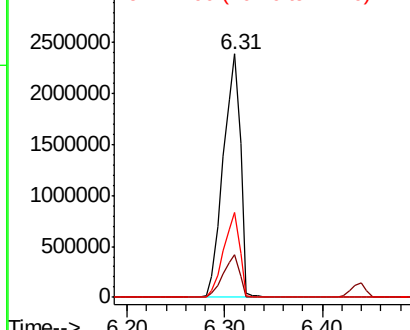
99 100

42 17.4 13.3 19.9

71 34.7 26.3 39.5



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: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

Tgt Ion: 136 Resp: 1654997

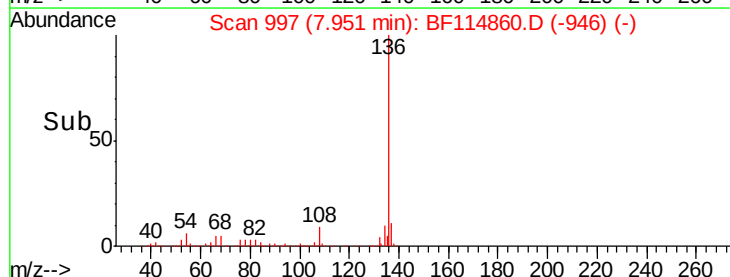
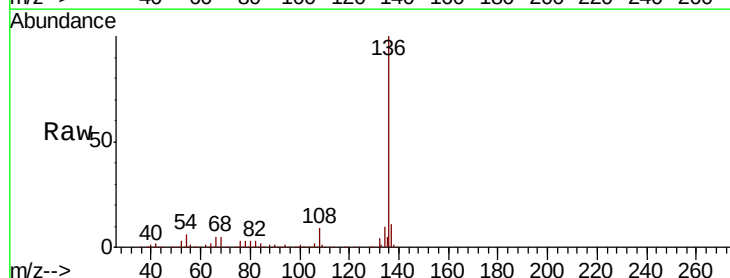
Ion Ratio Lower Upper

136 100

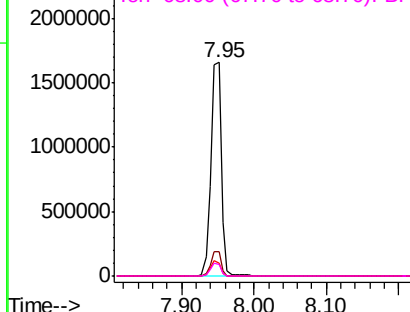
137 11.2 9.1 13.7

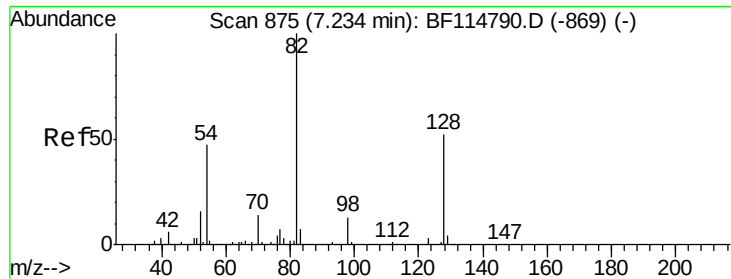
54 6.1 5.4 8.0

68 5.4 4.6 6.8



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

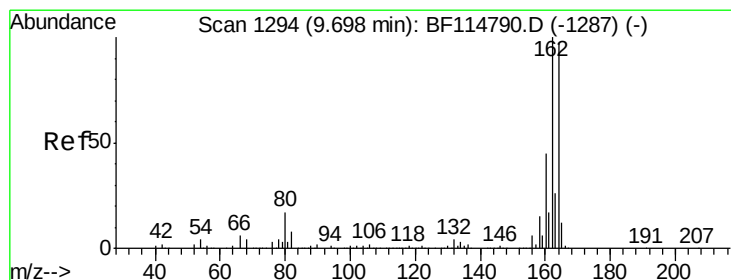
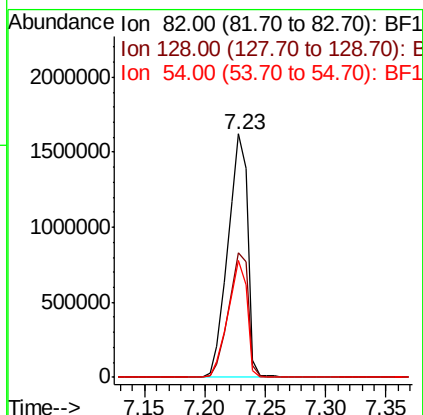
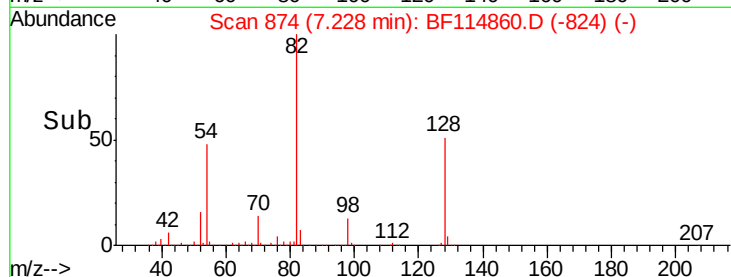
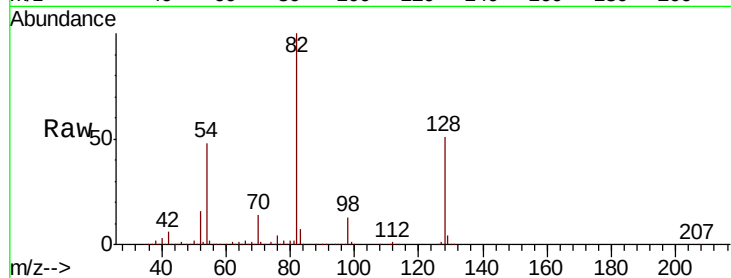




#23  
Nitrobenzene-d5  
Concen: 68.587 ng  
RT: 7.23 min Scan# 874  
Delta R.T. -0.01 min  
Lab File: BF114860.D  
Acq: 6 Jun 2019 13:55

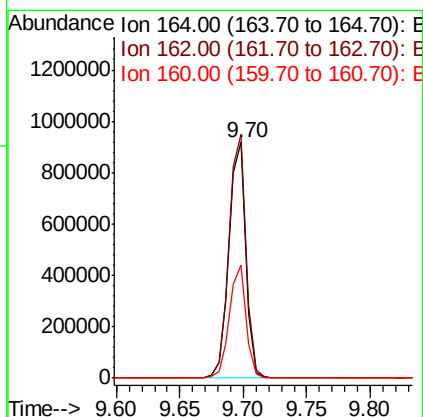
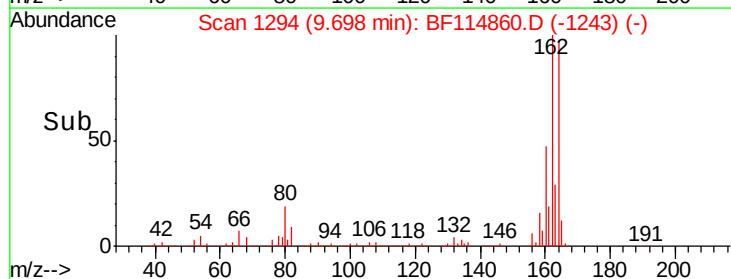
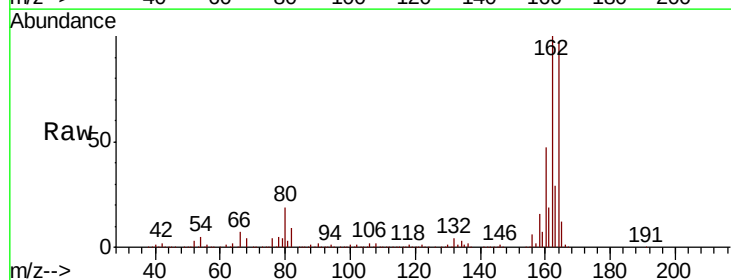
Instrument :  
BNA\_F  
ClientSampleId :  
CLVR-AVEX-WC1B

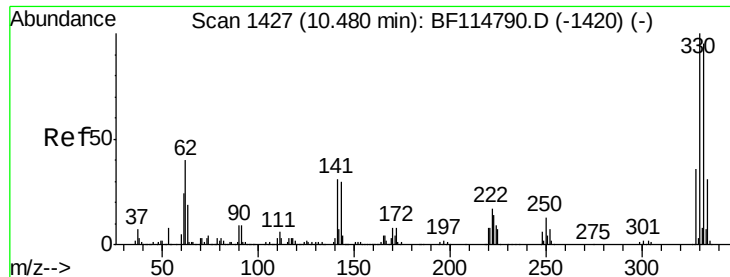
Tot Ion: 82 Resp: 1843953  
Ion Ratio Lower Upper  
82 100  
128 51.2 41.8 62.6  
54 48.0 37.9 56.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.70 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: BF114860.D  
Acq: 6 Jun 2019 13:55

Tgt Ion:164 Resp: 837226  
Ion Ratio Lower Upper  
164 100  
162 103.4 82.3 123.5  
160 48.2 36.7 55.1

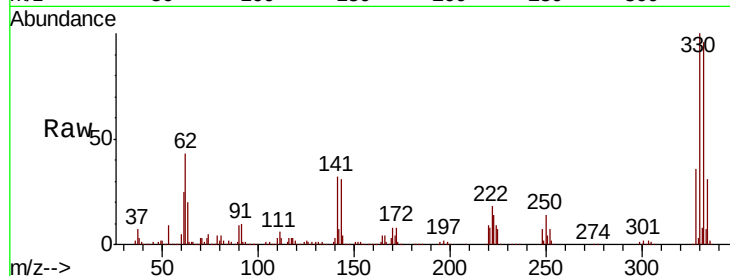




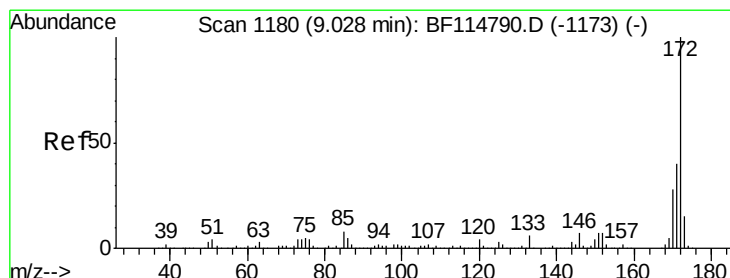
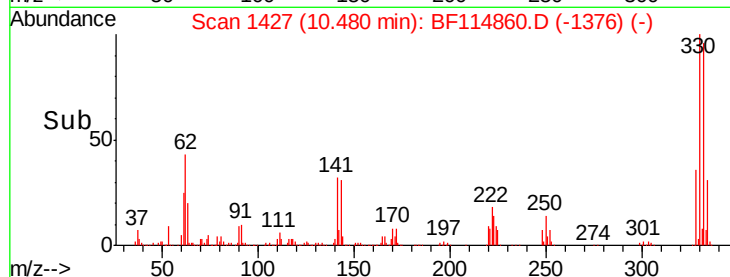
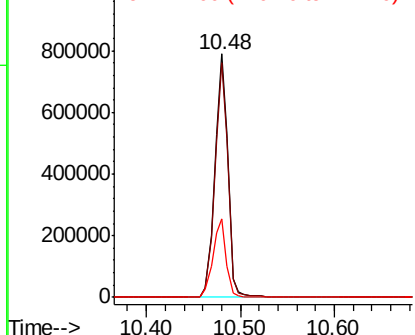
#42  
 2,4,6-Tribromophenol  
 Concen: 86.491 ng  
 RT: 10.48 min Scan# 1427  
 Delta R.T. 0.00 min  
 Lab File: BF114860.D  
 Acq: 6 Jun 2019 13:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CLVR-AVEX-WC1B

Tot Ion:330 Resp: 780355  
 Ion Ratio Lower Upper  
 330 100  
 332 96.4 77.3 115.9  
 141 32.5 26.2 39.4

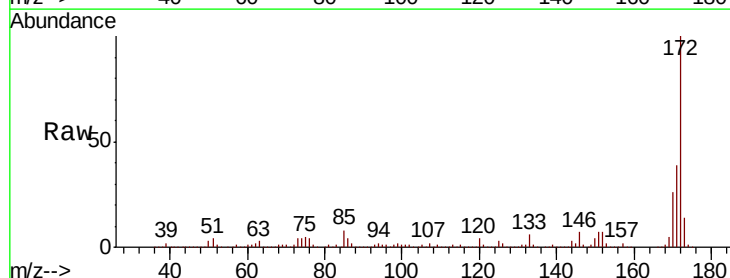


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

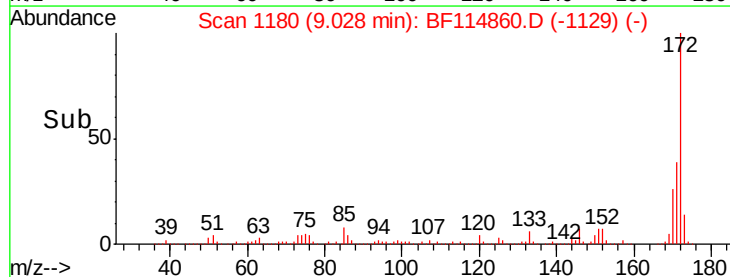
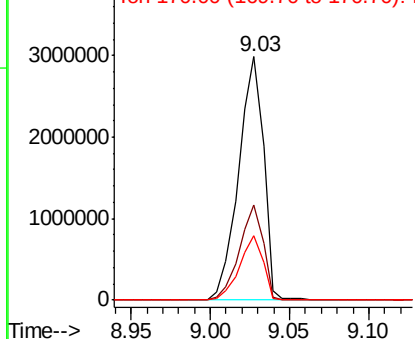


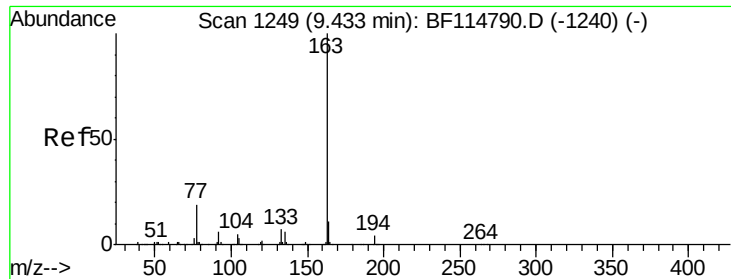
#45  
 2-Fluorobiphenyl  
 Concen: 72.785 ng  
 RT: 9.03 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: BF114860.D  
 Acq: 6 Jun 2019 13:55

Tgt Ion:172 Resp: 3252993  
 Ion Ratio Lower Upper  
 172 100  
 171 39.1 32.3 48.5  
 170 26.4 22.4 33.6



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

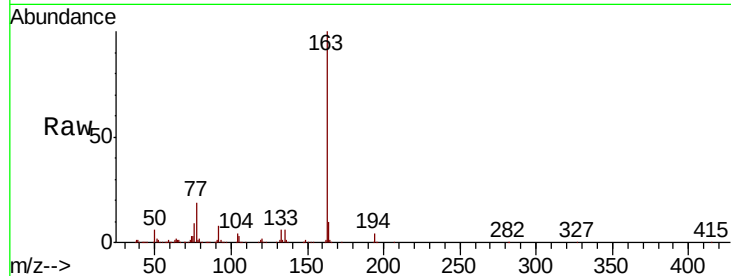




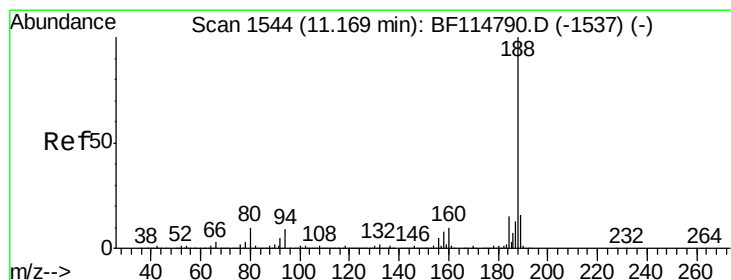
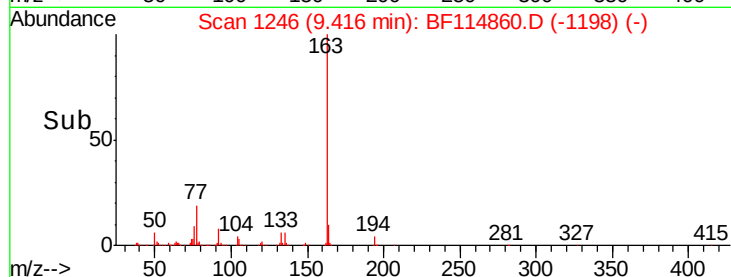
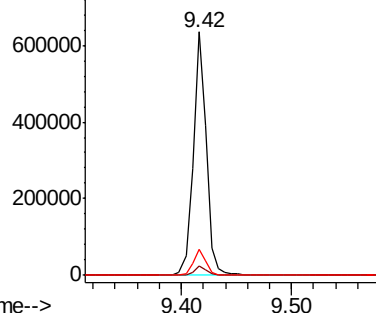
#50  
Dimethylphthalate  
Concen: 8.510 ng  
RT: 9.42 min Scan# 1246  
Delta R.T. -0.02 min  
Lab File: BF114860.D  
Acq: 6 Jun 2019 13:55

Instrument :  
BNA\_F  
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CLVR-AVEX-WC1B

Tot Ion:163 Resp: 520349  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.4 5.2  
164 10.5 8.6 13.0

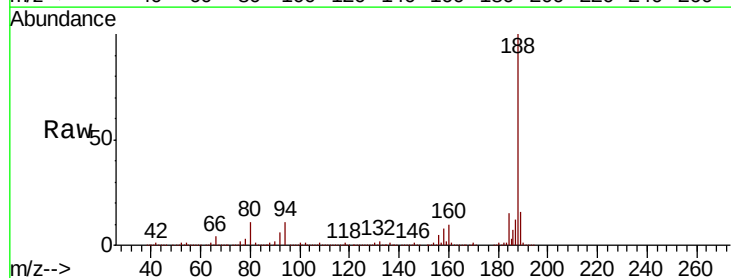


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

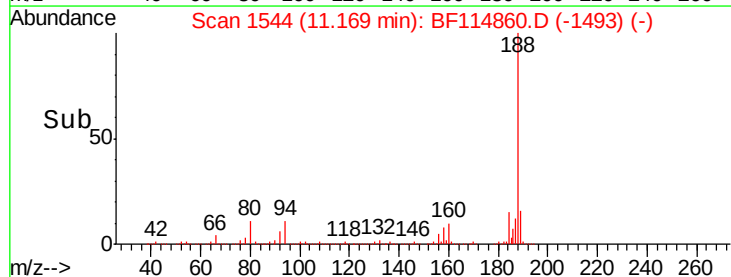
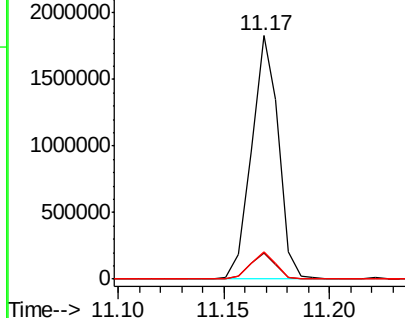


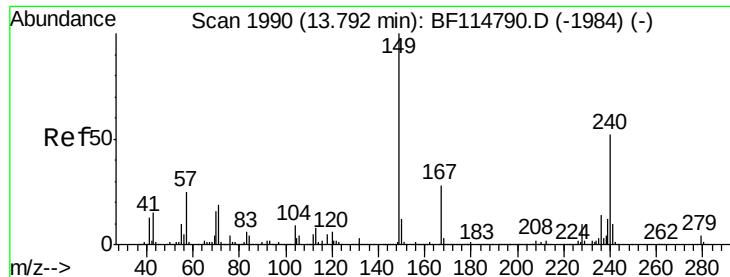
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.17 min Scan# 1544  
Delta R.T. 0.00 min  
Lab File: BF114860.D  
Acq: 6 Jun 2019 13:55

Tgt Ion:188 Resp: 1616033  
Ion Ratio Lower Upper  
188 100  
94 10.8 7.6 11.4  
80 11.3 8.3 12.5



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: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

Instrument :

BNA\_F

ClientSampleId :

CLVR-AVEX-WC1B

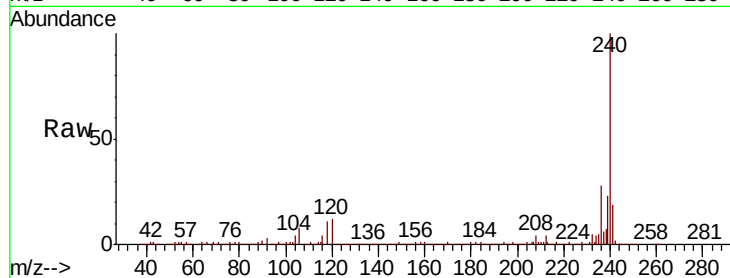
Tot Ion:240 Resp: 1170544

Ion Ratio Lower Upper

240 100

120 12.3 9.0 13.4

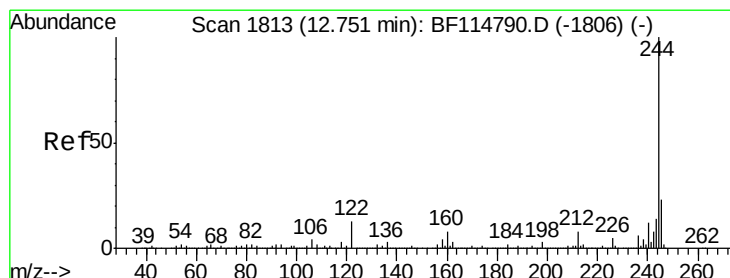
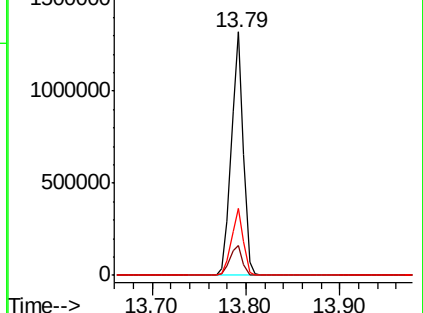
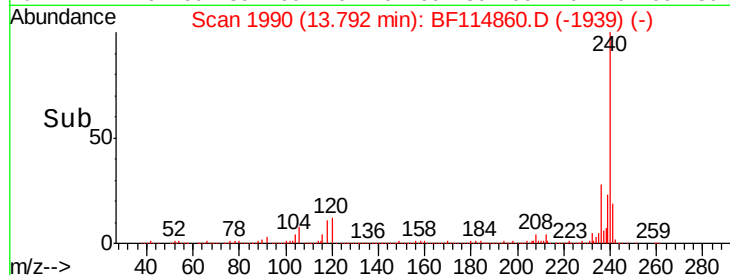
236 27.5 21.4 32.0



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: 58.012 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114860.D

Acq: 6 Jun 2019 13:55

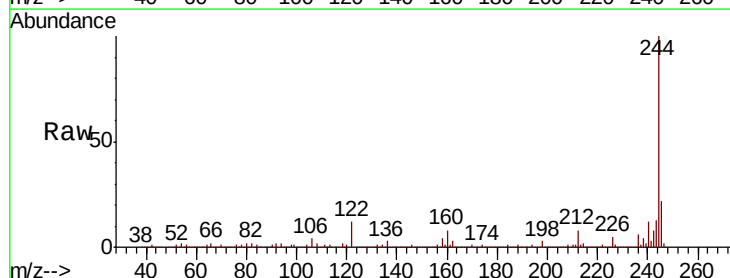
Tgt Ion:244 Resp: 3491739

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

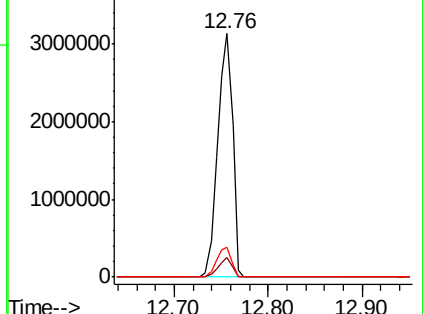
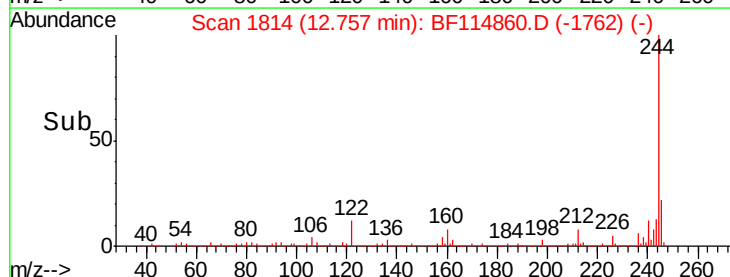
122 12.4 10.5 15.7



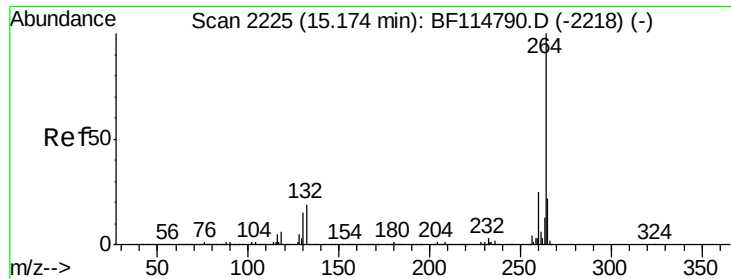
Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.19 min Scan# 2227  
Delta R.T. 0.01 min  
Lab File: BF114860.D  
Acq: 6 Jun 2019 13:55

Instrument :  
BNA\_F  
ClientSampleId :  
CLVR-AVEX-WC1B

Tot Ion: 264 Resp: 1070800  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.2  | 20.1  | 30.1  |
| 265 | 21.4  | 17.7  | 26.5  |

