

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\  
 Data File : BF120388.D  
 Acq On : 21 May 2020 18:31  
 Operator : MA/SJ  
 Sample : L2718-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-12017

Quant Time: May 22 01:45:38 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 21 14:56:56 2020  
 Response via : Initial Calibration

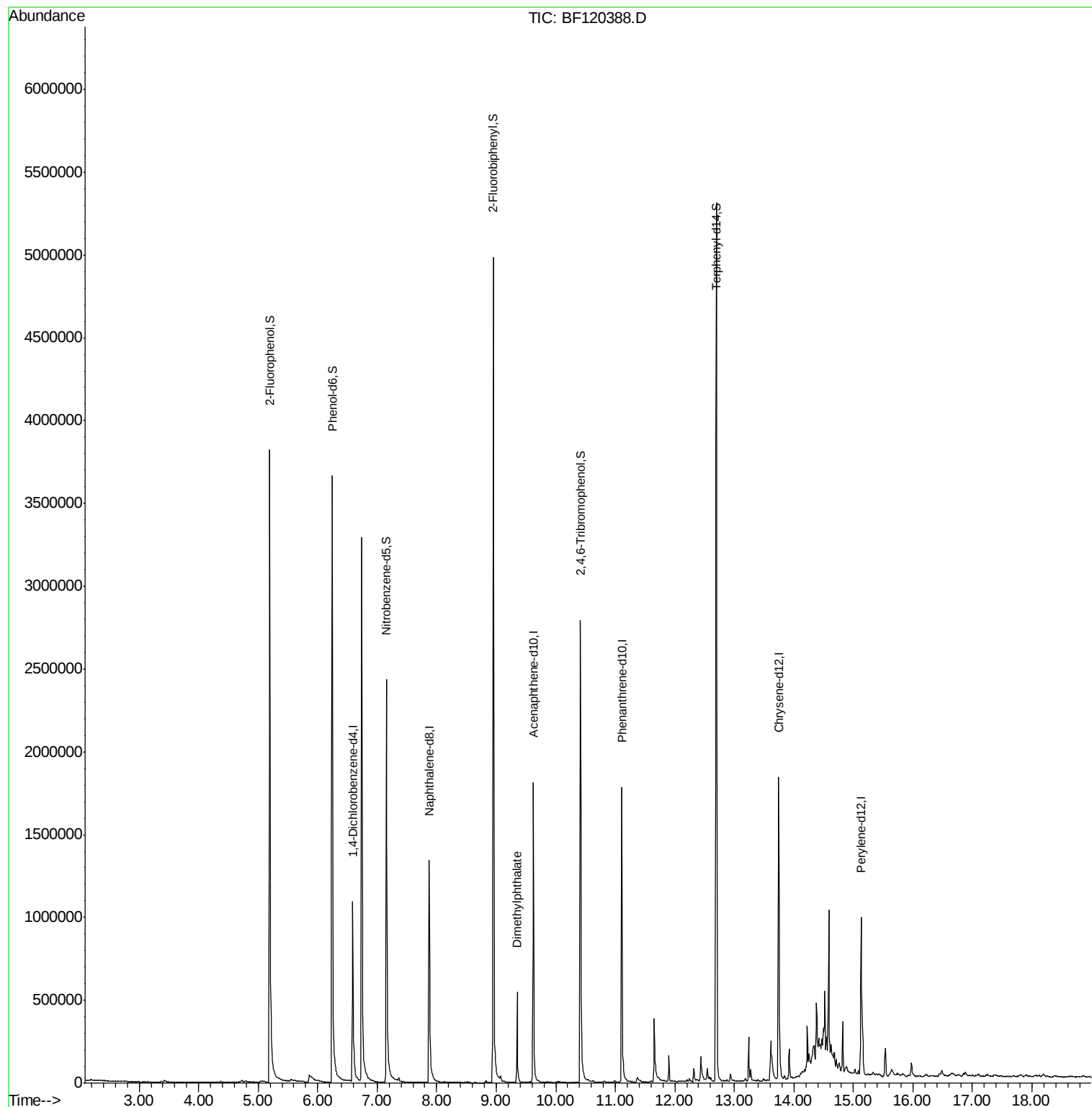
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.59  | 152  | 231291   | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 7.87  | 136  | 879884   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.62  | 164  | 443168   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.11 | 188  | 870081   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 13.74 | 240  | 671820   | 20.00  | ng    | 0.00         |
| 87) Perylene-d12            | 15.13 | 264  | 464179   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.19  | 112  | 1229930  | 103.47 | ng    | 0.00         |
| 7) Phenol-d6                | 6.25  | 99   | 1669665  | 111.07 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.16  | 82   | 976386   | 75.98  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.42 | 330  | 410093   | 113.49 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 8.95  | 172  | 1858037  | 86.14  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.70 | 244  | 2041102  | 67.12  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.35  | 163  | 249784   | 8.916  | ng    | Qvalue<br>98 |

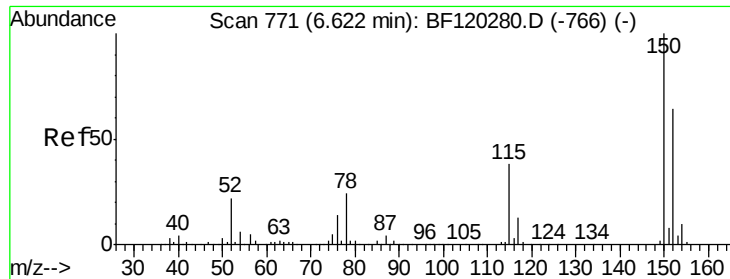
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 21 14:56:56 2020  
Response via : Initial Calibration



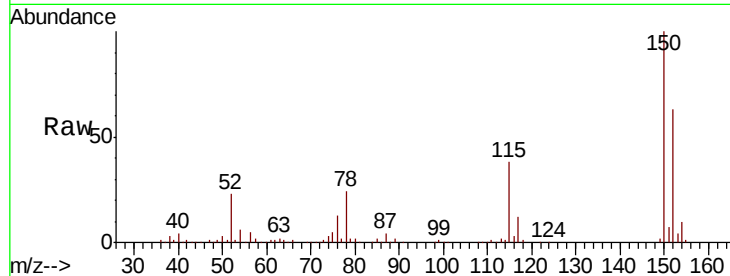


#1

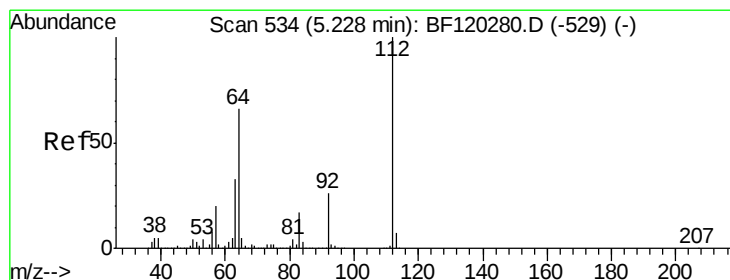
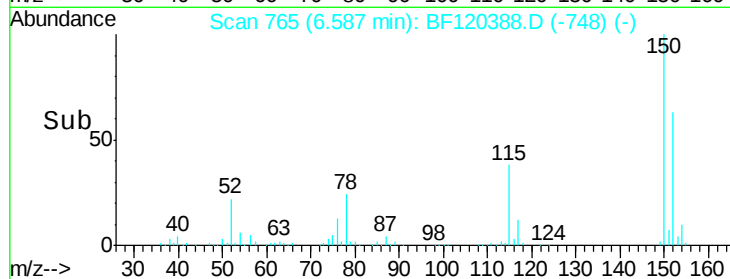
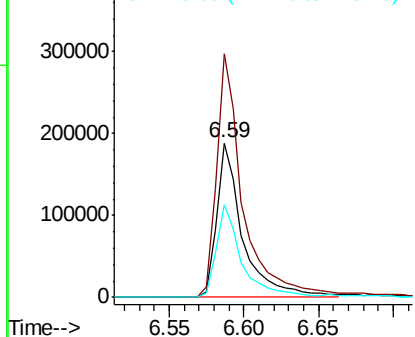
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.59 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: BF120388.D  
Acq: 21 May 2020 18:31

Instrument :  
BNA\_F  
ClientSampleId :  
72-12017

Tot Ion:152 Resp: 231291  
Ion Ratio Lower Upper  
152 100  
150 157.7 126.2 189.2  
115 59.6 47.9 71.9



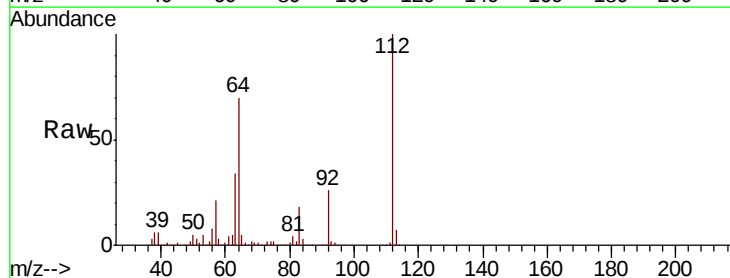
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



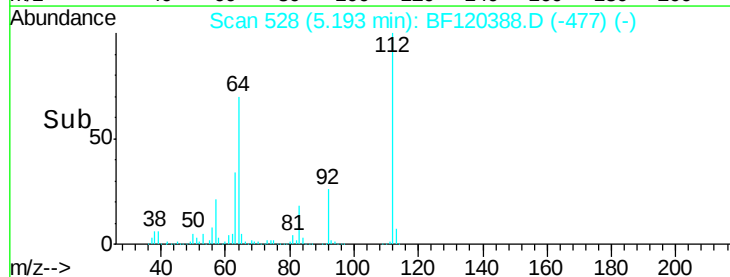
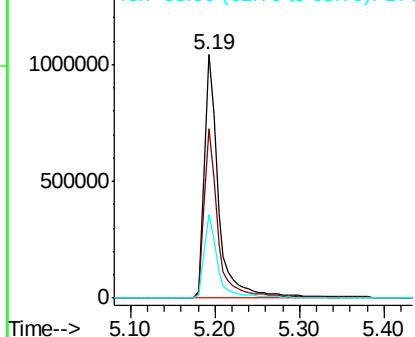
#5

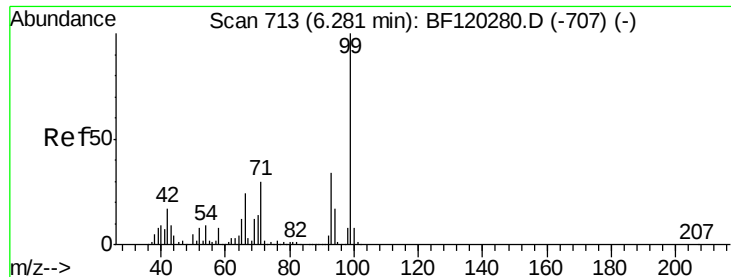
2-Fluorophenol  
Concen: 103.466 ng  
RT: 5.19 min Scan# 528  
Delta R.T. 0.00 min  
Lab File: BF120388.D  
Acq: 21 May 2020 18:31

Tgt Ion:112 Resp: 1229930  
Ion Ratio Lower Upper  
112 100  
64 69.8 52.7 79.1  
63 34.4 26.2 39.4



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: 111.070 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF120388.D

Acq: 21 May 2020 18:31

Instrument :

BNA\_F

ClientSampleId :

72-12017

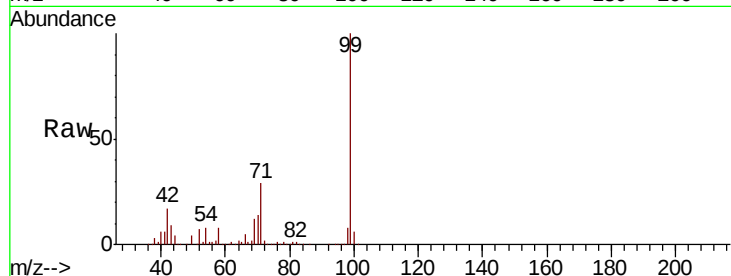
Tot Ion: 99 Resp: 1669665

Ion Ratio Lower Upper

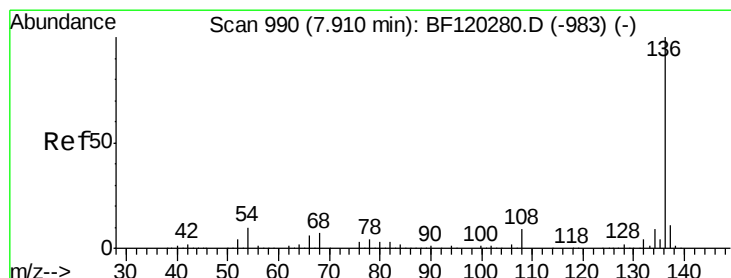
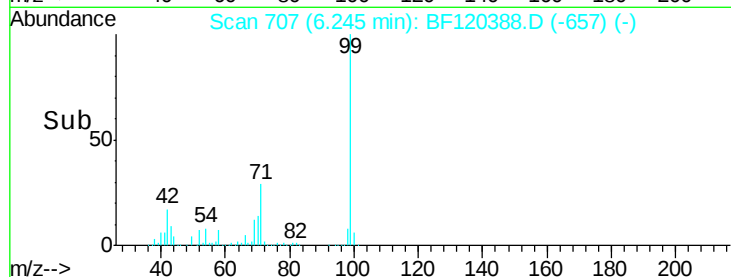
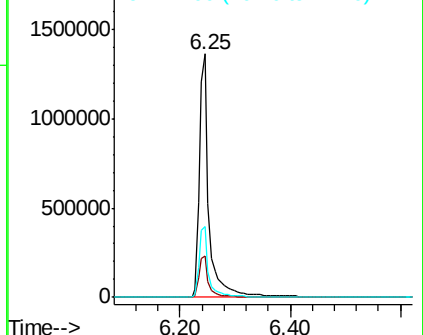
99 100

42 16.8 13.6 20.4

71 29.3 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: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF120388.D

Acq: 21 May 2020 18:31

Tgt Ion: 136 Resp: 879884

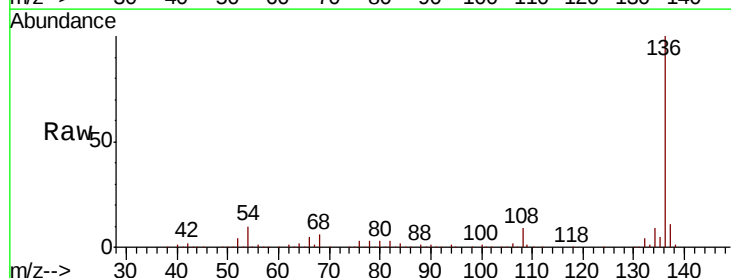
Ion Ratio Lower Upper

136 100

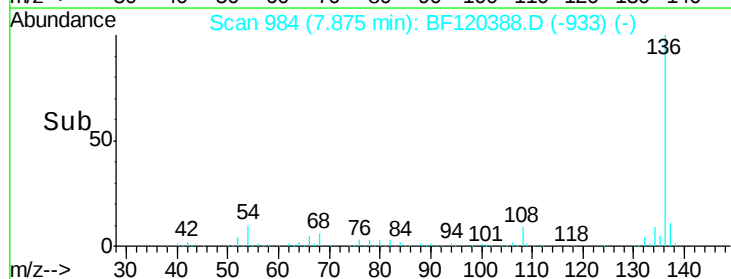
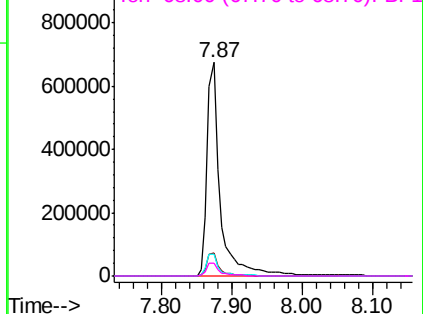
137 10.7 9.1 13.7

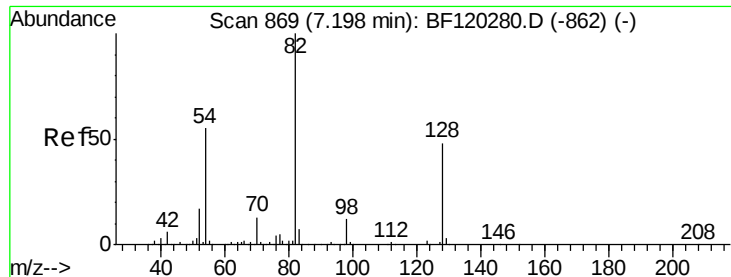
54 9.9 7.9 11.9

68 6.0 5.4 8.2



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

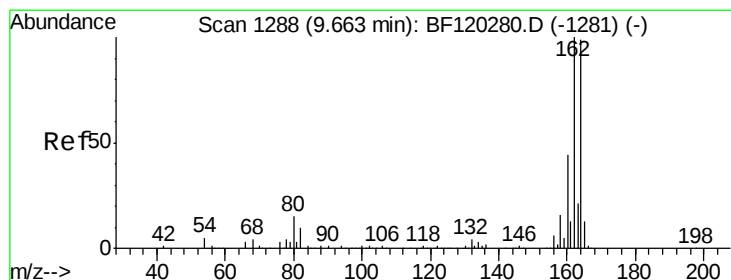
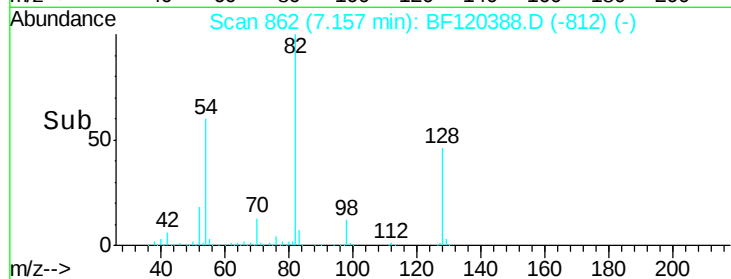
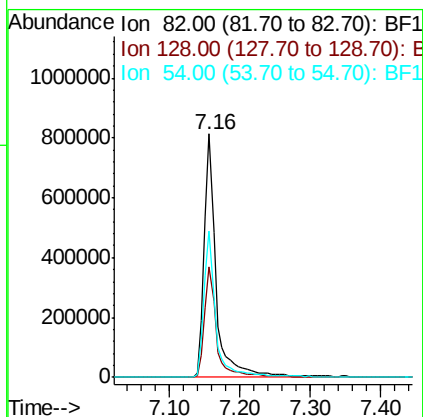
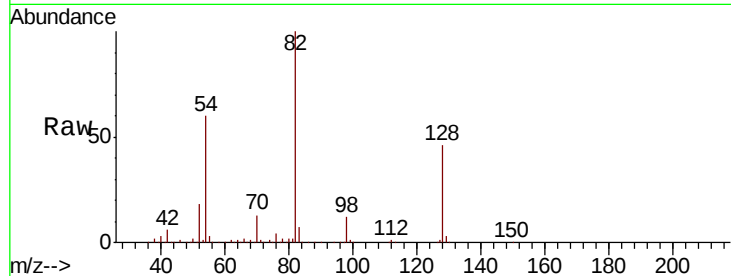




#23  
 Nitrobenzene-d5  
 Concen: 75.976 ng  
 RT: 7.16 min Scan# 862  
 Delta R.T. -0.01 min  
 Lab File: BF120388.D  
 Acq: 21 May 2020 18:31

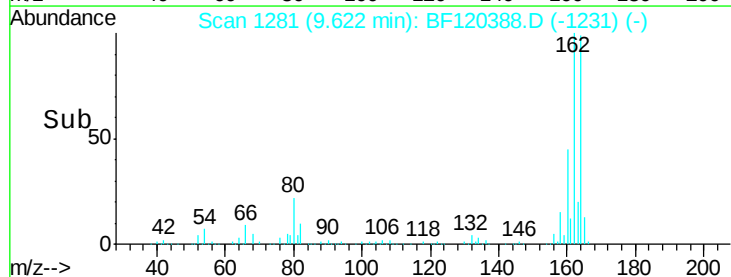
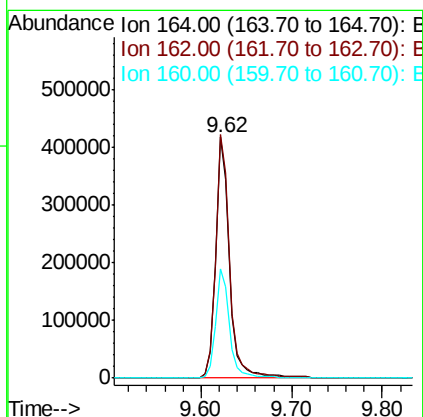
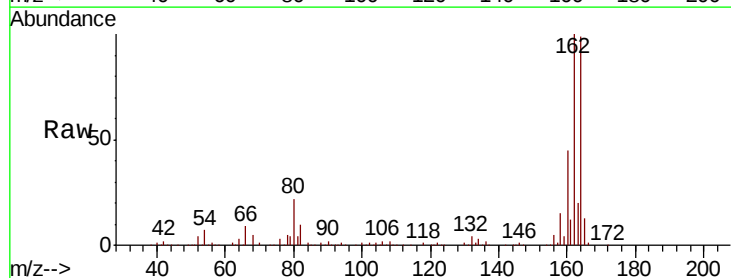
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-12017

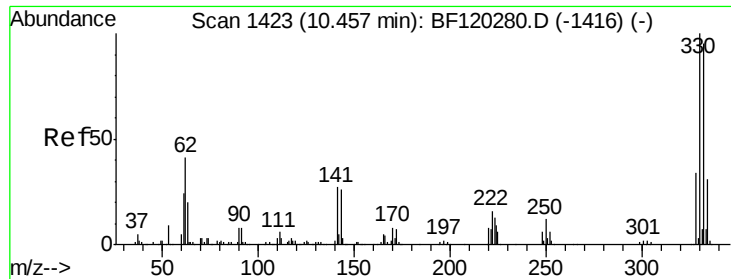
| Tot Ion   | 82   | Resp  | 976386 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 45.5 | 38.3  | 57.5   |
| 54        | 59.9 | 43.9  | 65.9   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.62 min Scan# 1281  
 Delta R.T. -0.01 min  
 Lab File: BF120388.D  
 Acq: 21 May 2020 18:31

| Tgt Ion                                              | 164   | Resp  | 443168 |
|------------------------------------------------------|-------|-------|--------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100   | Lower | Upper  |
| 162                                                  | 101.1 | 81.2  | 121.8  |
| 160                                                  | 45.2  | 35.8  | 53.6   |

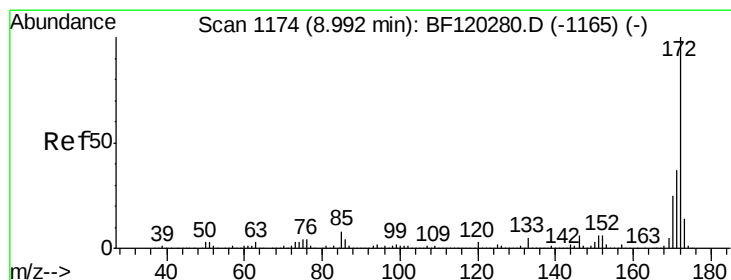
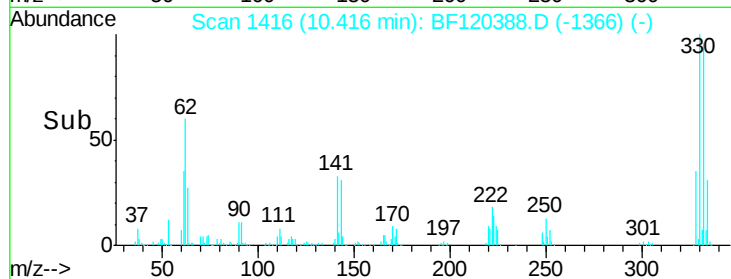
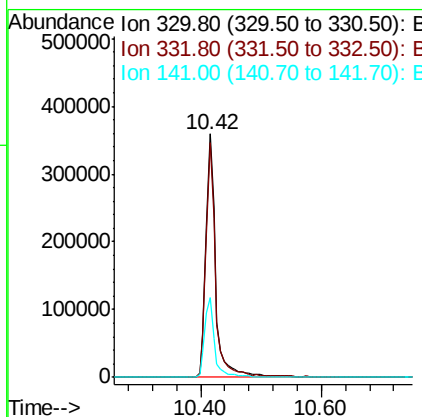
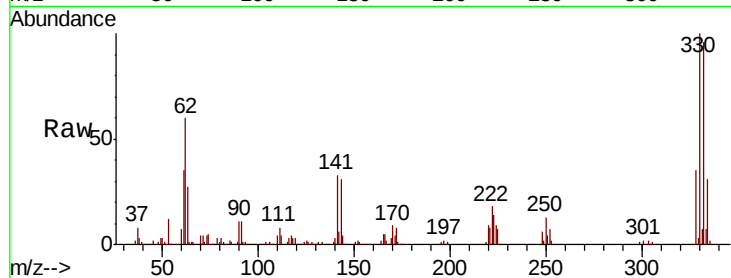




#42  
 2,4,6-Tribromophenol  
 Concen: 113.494 ng  
 RT: 10.42 min Scan# 1416  
 Delta R.T. -0.01 min  
 Lab File: BF120388.D  
 Acq: 21 May 2020 18:31

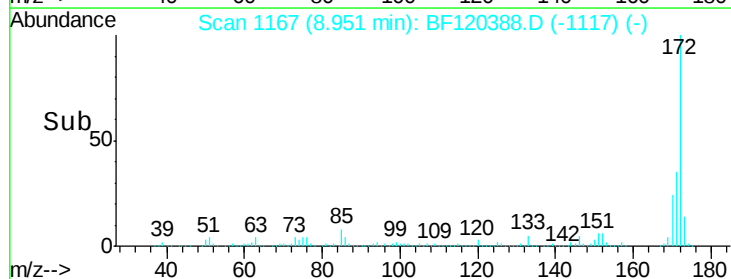
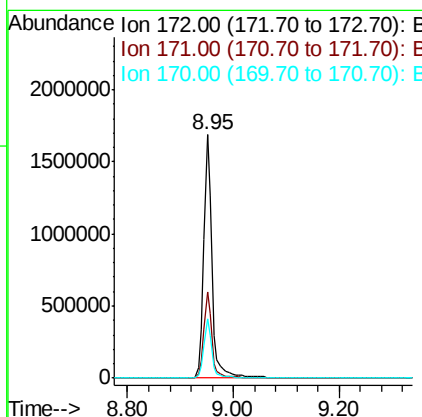
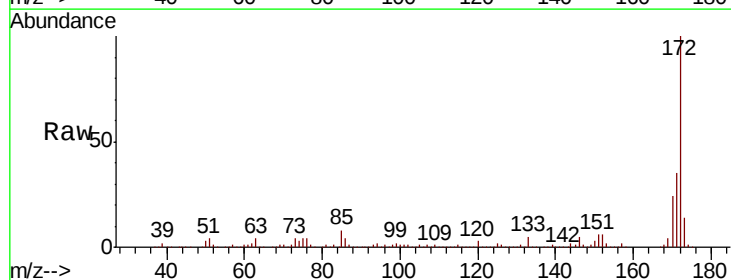
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-12017

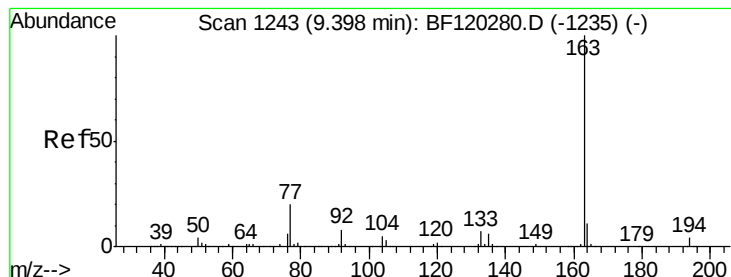
Tot Ion:330 Resp: 410093  
 Ion Ratio Lower Upper  
 330 100  
 332 94.9 76.5 114.7  
 141 33.0 25.4 38.0



#45  
 2-Fluorobiphenyl  
 Concen: 86.136 ng  
 RT: 8.95 min Scan# 1167  
 Delta R.T. -0.01 min  
 Lab File: BF120388.D  
 Acq: 21 May 2020 18:31

Tgt Ion:172 Resp: 1858037  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 29.7 44.5  
 170 24.2 19.9 29.9





#50

Dimethylphthalate

Concen: 8.916 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.02 min

Lab File: BF120388.D

Acq: 21 May 2020 18:31

Instrument :

BNA\_F

ClientSampleId :

72-12017

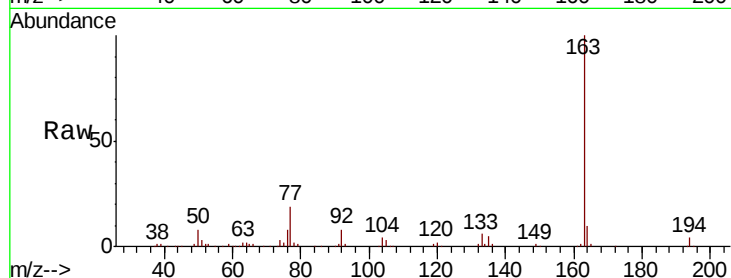
Tot Ion:163 Resp: 249784

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

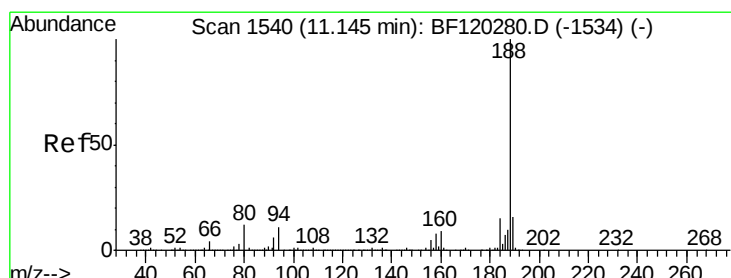
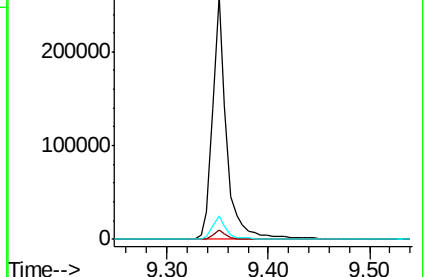
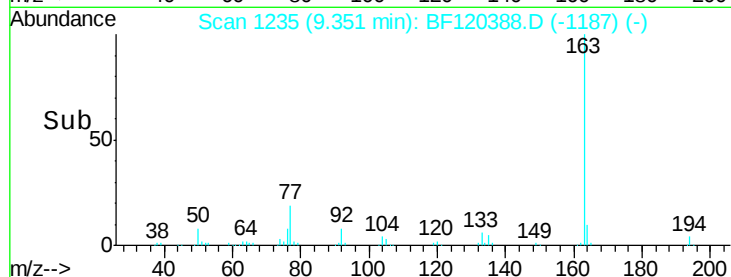
164 9.8 8.6 12.8



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: 11.11 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF120388.D

Acq: 21 May 2020 18:31

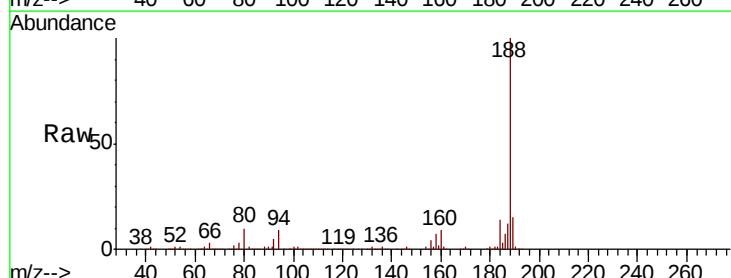
Tgt Ion:188 Resp: 870081

Ion Ratio Lower Upper

188 100

94 9.4 8.6 13.0

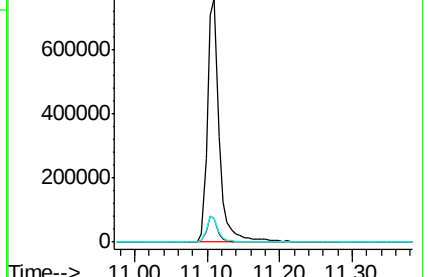
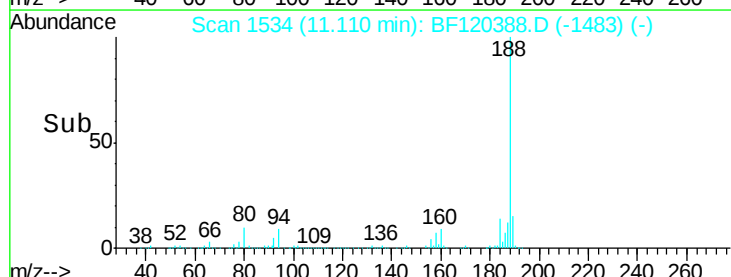
80 9.7 9.2 13.8

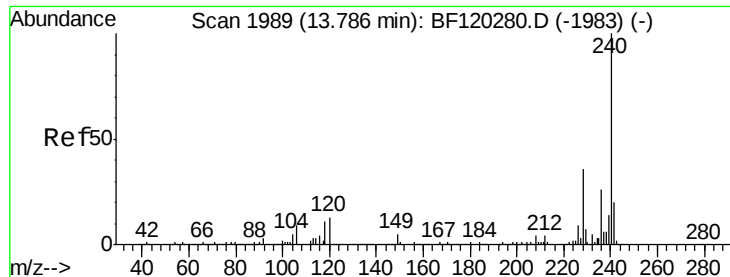


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BF120388.D

Acq: 21 May 2020 18:31

Instrument :

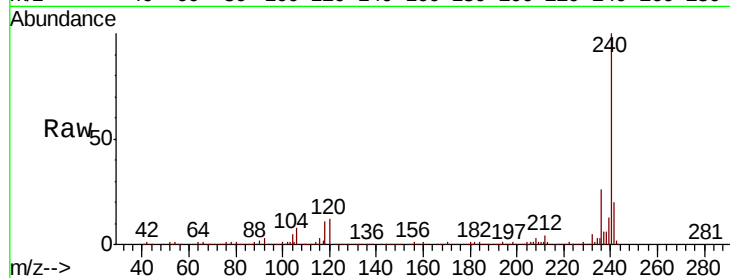
BNA\_F

ClientSampleId :

72-12017

Tot Ion:240 Resp: 671820

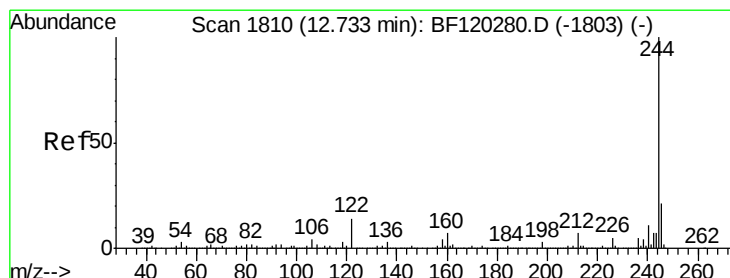
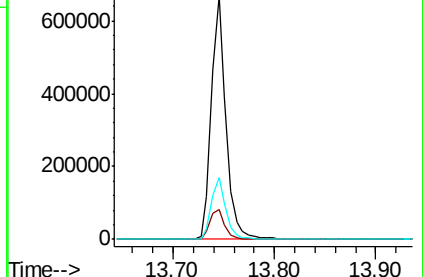
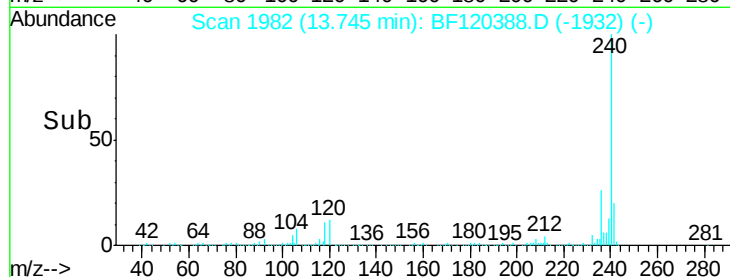
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 12.5  | 10.4  | 15.6  |
| 236 | 25.7  | 21.0  | 31.6  |



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: 67.120 ng

RT: 12.70 min Scan# 1804

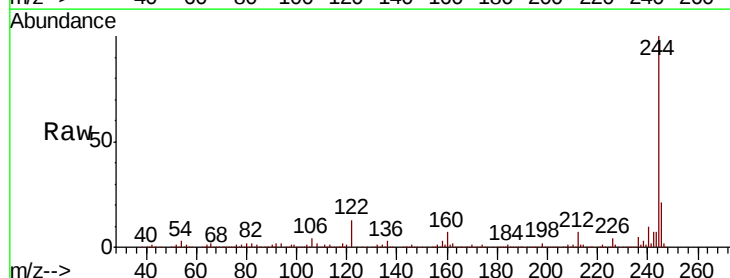
Delta R.T. 0.00 min

Lab File: BF120388.D

Acq: 21 May 2020 18:31

Tgt Ion:244 Resp: 2041102

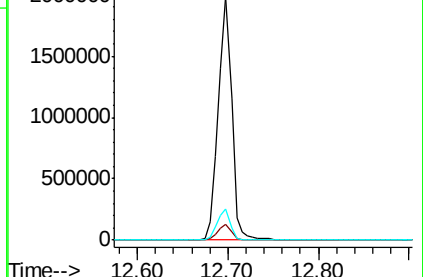
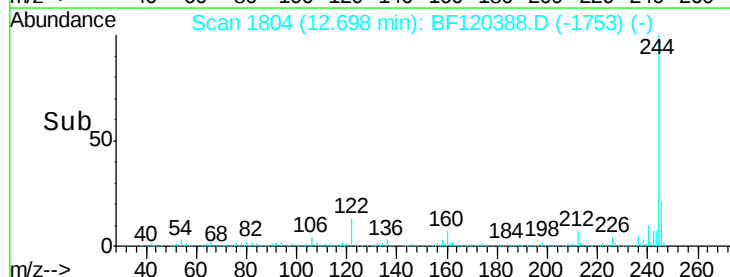
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.7   | 5.8   | 8.6   |
| 122 | 13.1  | 10.8  | 16.2  |

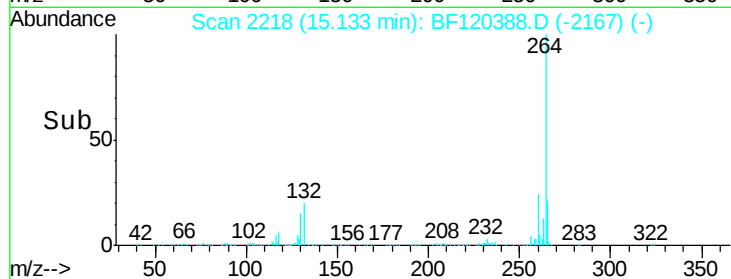
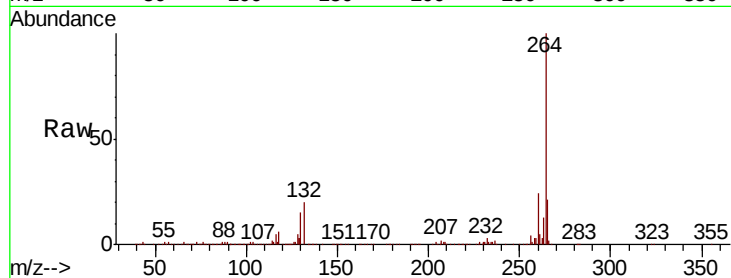
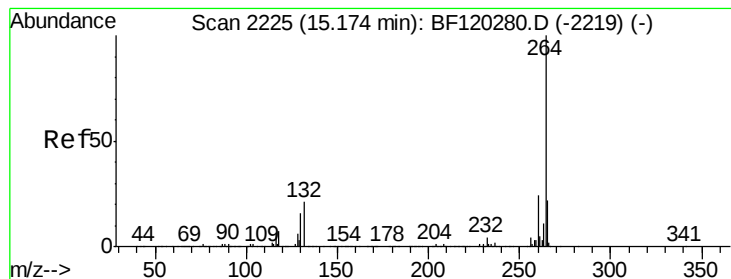


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.13 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BF120388.D

Acq: 21 May 2020 18:31

Instrument :

BNA\_F

ClientSampleId :

72-12017

Tot Ion:264 Resp: 464179

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.2 17.5 26.3

