

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\  
 Data File : BF115809.D  
 Acq On : 27 Jul 2019 1:25  
 Operator : HP/JU  
 Sample : K3620-13 2X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-02-072519-B

Quant Time: Jul 27 03:42:18 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 25 13:16:07 2019  
 Response via : Initial Calibration

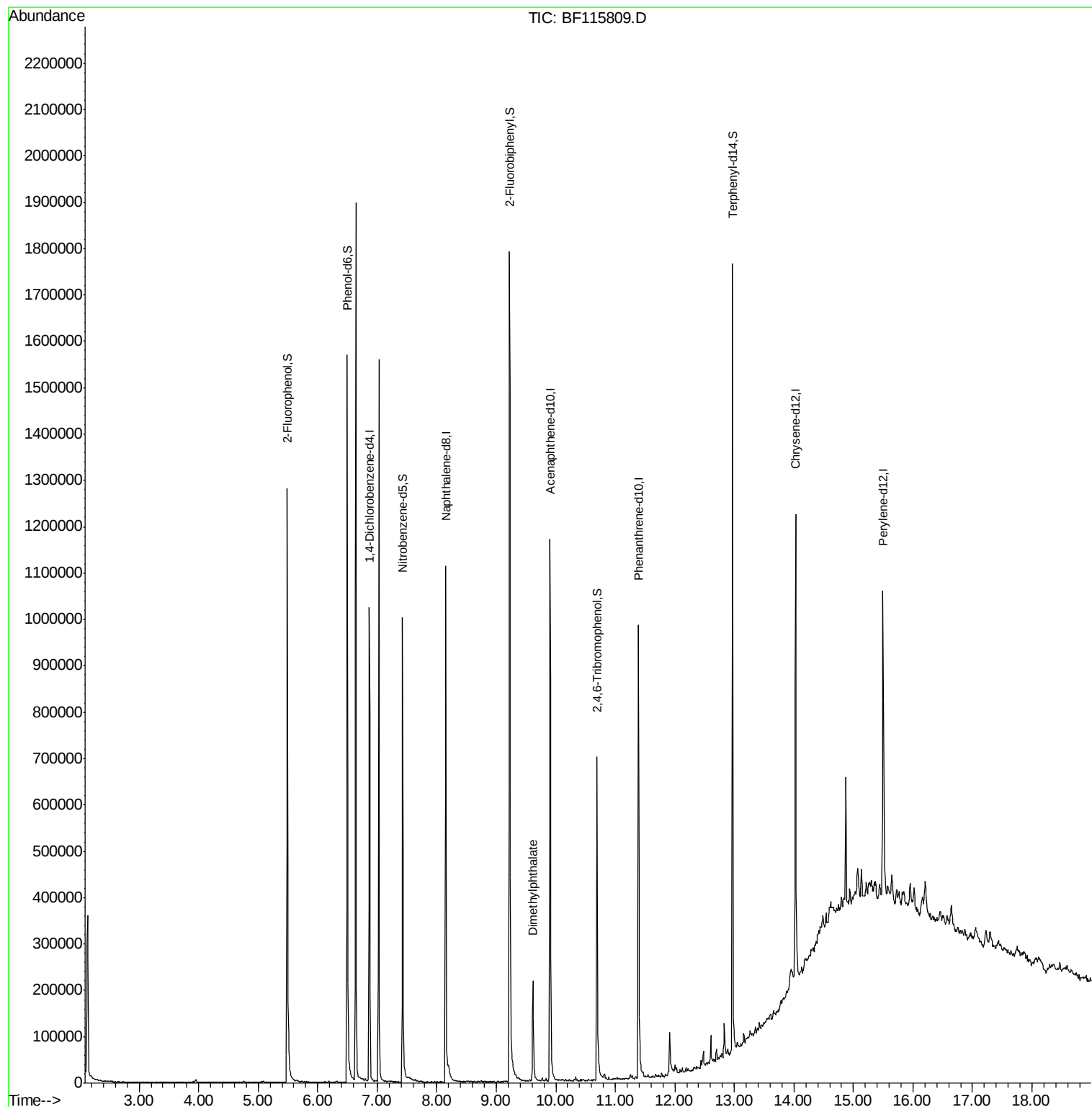
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 146941   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.15  | 136  | 550342   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.90  | 164  | 264433   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.39 | 188  | 398450   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.03 | 240  | 344462   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 15.50 | 264  | 353863   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.49  | 112  | 436910   | 48.64 | ng    | 0.00     |
| 7) Phenol-d6                | 6.50  | 99   | 571284   | 50.12 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 342484   | 36.19 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.69 | 330  | 105014   | 34.02 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.22  | 172  | 660211   | 43.70 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.97 | 244  | 566294   | 30.33 | ng    | -0.01    |
| Target Compounds            |       |      |          |       |       |          |
| 50) Dimethylphthalate       | 9.62  | 163  | 116331   | 5.847 | ng    | 99       |

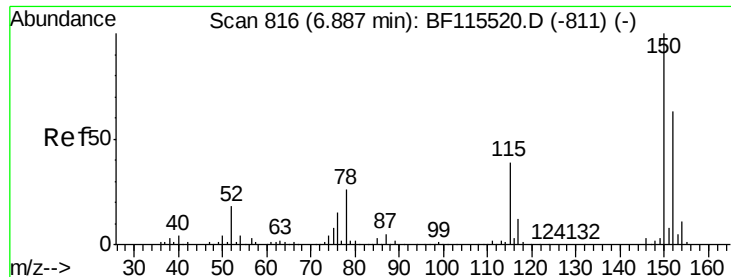
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 19 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
CL-02-072519-B

Quant Time: Jul 27 03:42:18 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 25 13:16:07 2019  
Response via : Initial Calibration



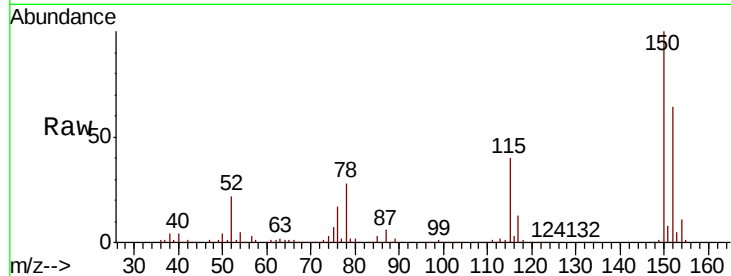


#1

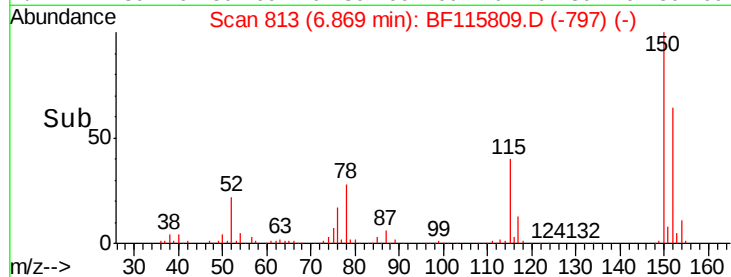
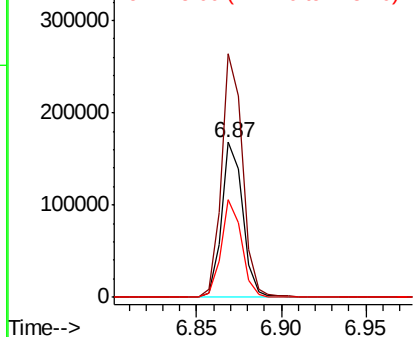
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. -0.01 min  
 Lab File: BF115809.D  
 Acq: 27 Jul 2019 1:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-02-072519-B

Tot Ion:152 Resp: 146941  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 126.6 189.8  
 115 63.3 47.8 71.6



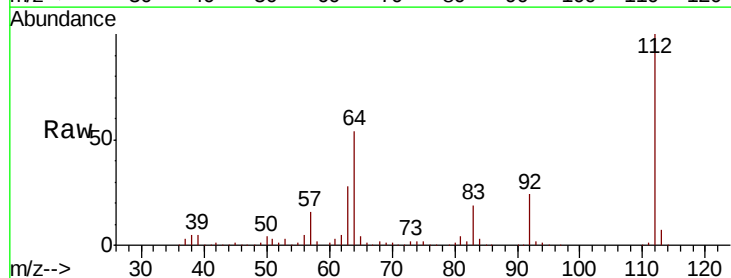
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



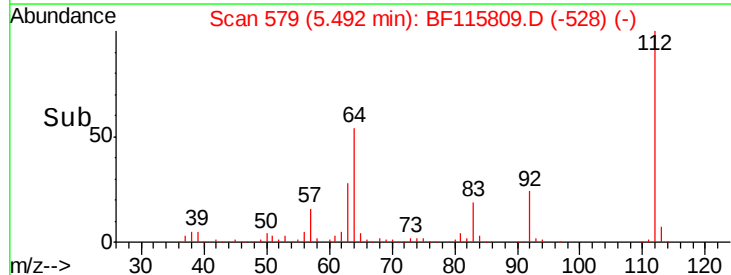
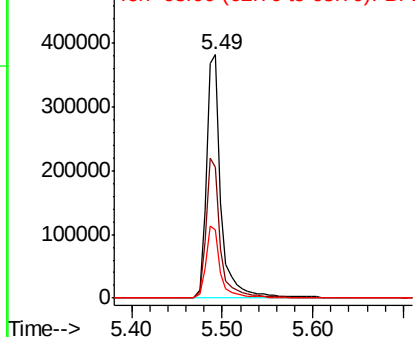
#5

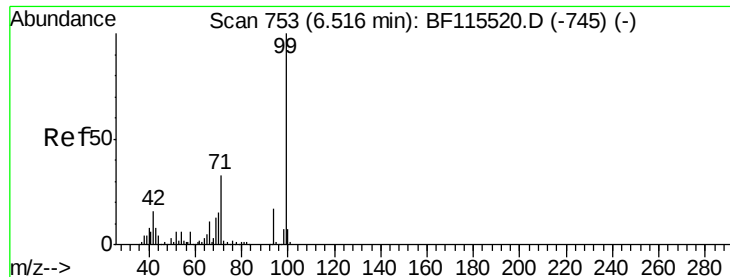
2-Fluorophenol  
 Concen: 48.636 ng  
 RT: 5.49 min Scan# 579  
 Delta R.T. -0.00 min  
 Lab File: BF115809.D  
 Acq: 27 Jul 2019 1:25

Tgt Ion:112 Resp: 436910  
 Ion Ratio Lower Upper  
 112 100  
 64 53.6 45.8 68.8  
 63 27.8 23.6 35.4



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: 50.118 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115809.D

Acq: 27 Jul 2019 1:25

Instrument :

BNA\_F

ClientSampleId :

CL-02-072519-B

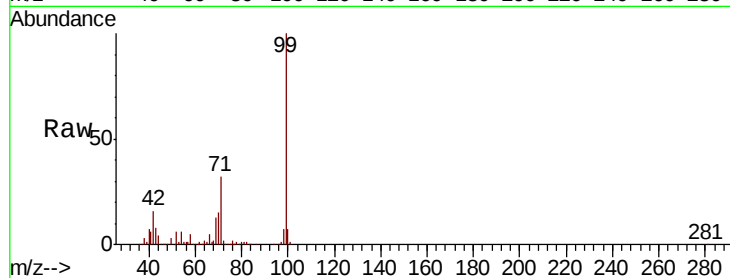
Tot Ion: 99 Resp: 571284

Ion Ratio Lower Upper

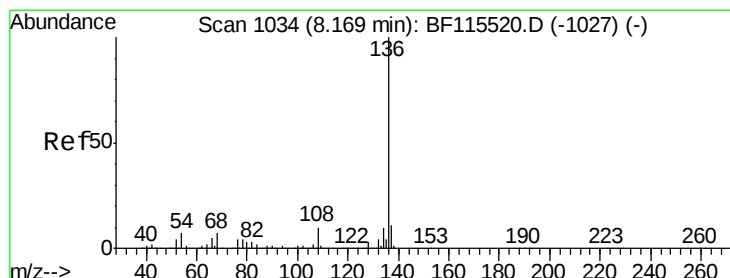
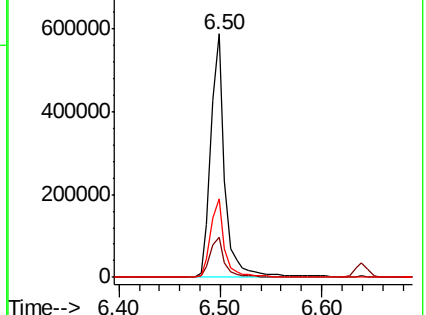
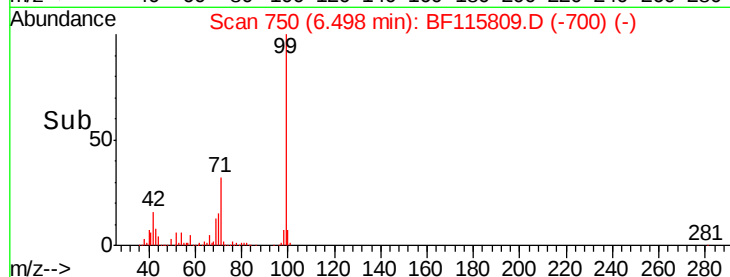
99 100

42 16.3 13.4 20.2

71 32.3 26.7 40.1



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115809.D

Acq: 27 Jul 2019 1:25

Tgt Ion: 136 Resp: 550342

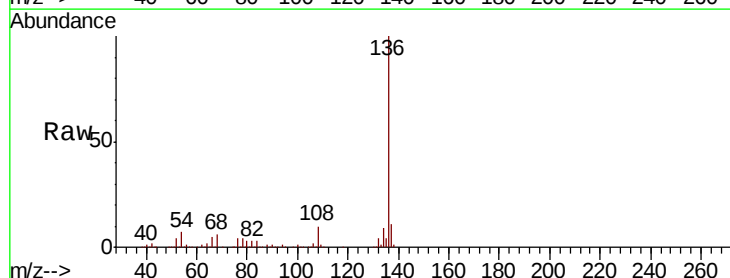
Ion Ratio Lower Upper

136 100

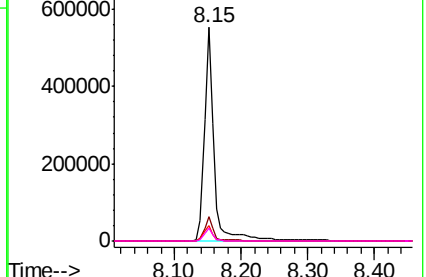
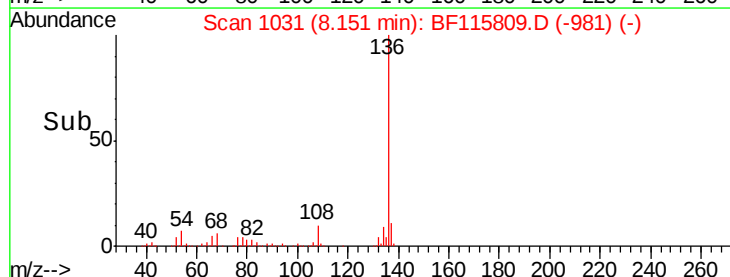
137 11.3 8.7 13.1

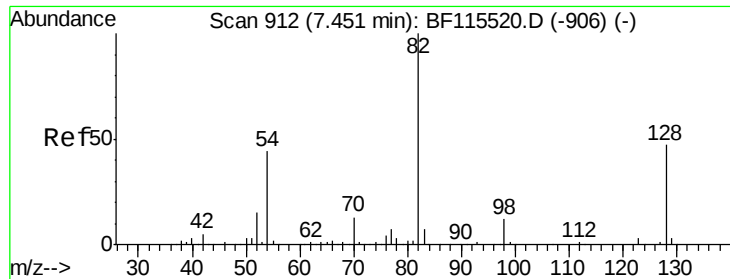
54 7.2 5.0 7.6

68 6.2 4.7 7.1



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

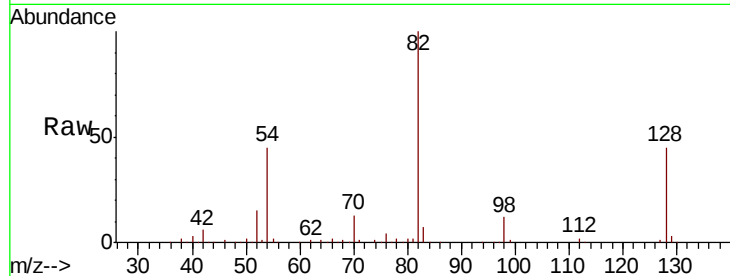




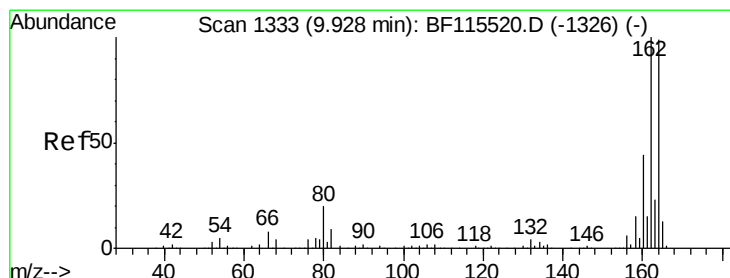
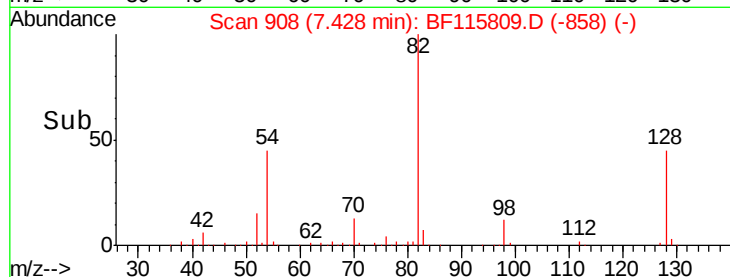
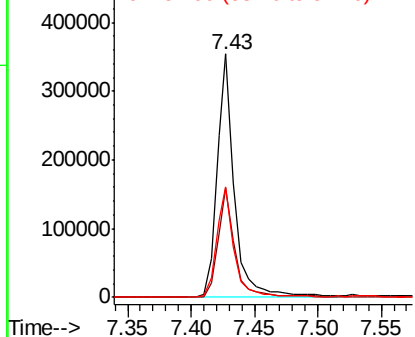
#23  
 Nitrobenzene-d5  
 Concen: 36.185 ng  
 RT: 7.43 min Scan# 908  
 Delta R.T. -0.01 min  
 Lab File: BF115809.D  
 Acq: 27 Jul 2019 1:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-02-072519-B

Tot Ion: 82 Resp: 342484  
 Ion Ratio Lower Upper  
 82 100  
 128 45.0 36.6 55.0  
 54 45.2 36.6 54.8

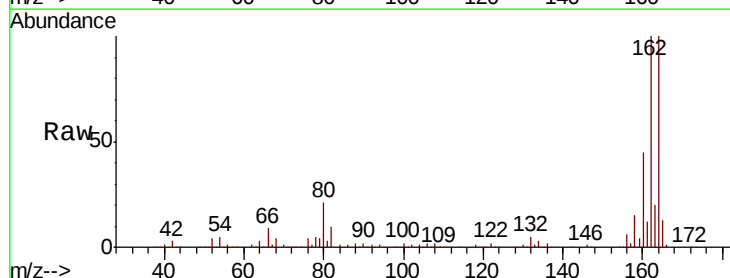


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

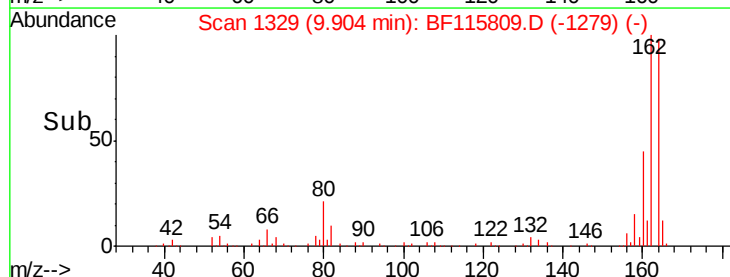
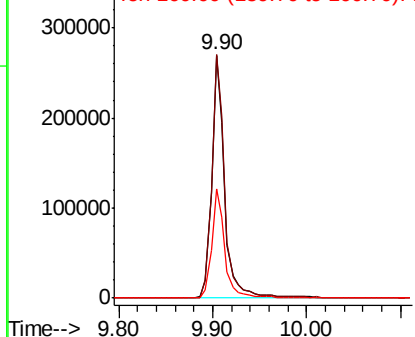


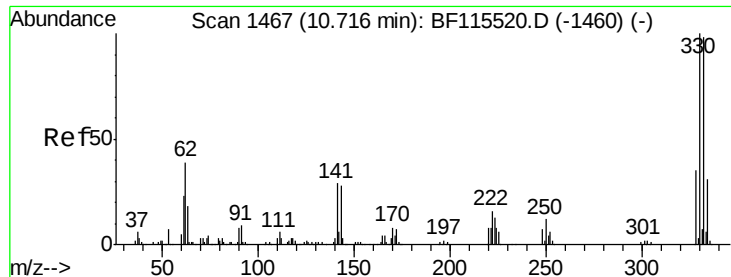
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.90 min Scan# 1329  
 Delta R.T. -0.01 min  
 Lab File: BF115809.D  
 Acq: 27 Jul 2019 1:25

Tgt Ion:164 Resp: 264433  
 Ion Ratio Lower Upper  
 164 100  
 162 100.4 81.8 122.6  
 160 45.0 37.5 56.3



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

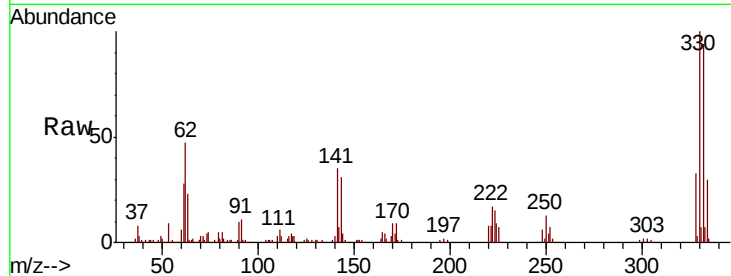




#42  
 2,4,6-Tribromophenol  
 Concen: 34.023 ng  
 RT: 10.69 min Scan# 1463  
 Delta R.T. -0.01 min  
 Lab File: BF115809.D  
 Acq: 27 Jul 2019 1:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-02-072519-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.1  | 76.1  | 114.1 |
| 141     | 36.1  | 25.9  | 38.9  |

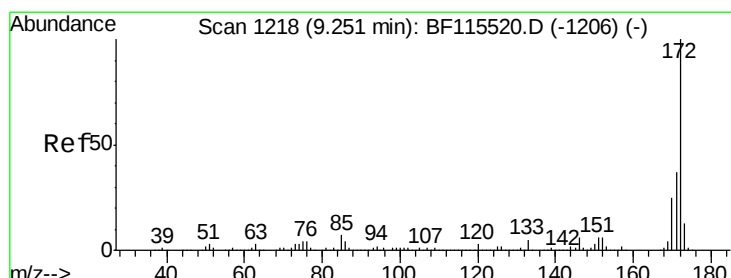
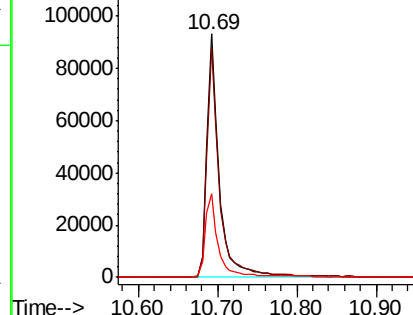
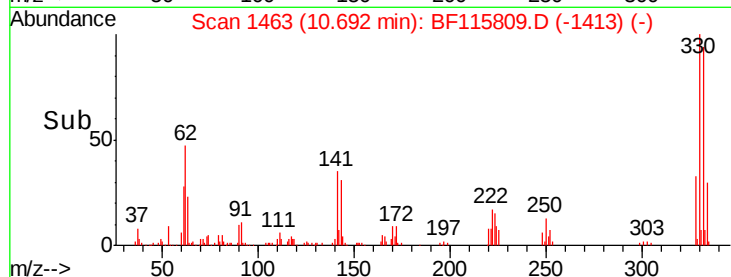


Abundance

Ion 329.80 (329.50 to 330.50): E

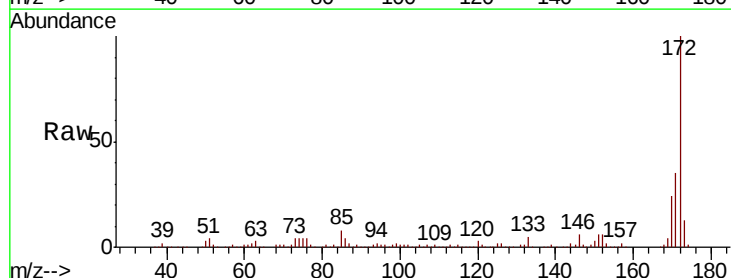
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 43.699 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. -0.01 min  
 Lab File: BF115809.D  
 Acq: 27 Jul 2019 1:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.5  | 29.0  | 43.4  |
| 170     | 23.9  | 20.1  | 30.1  |

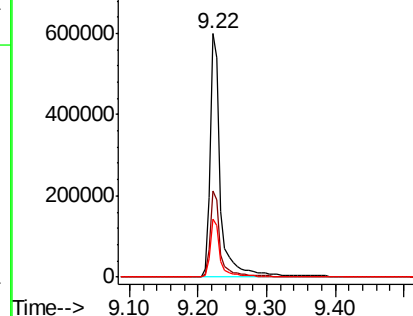
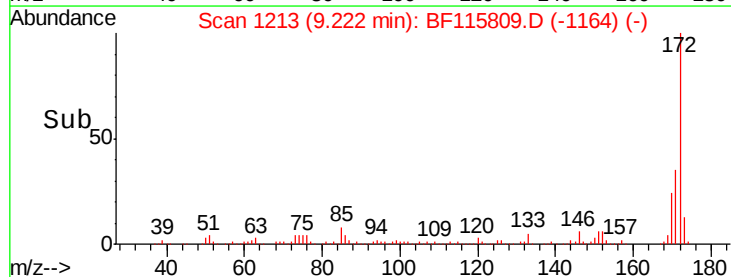


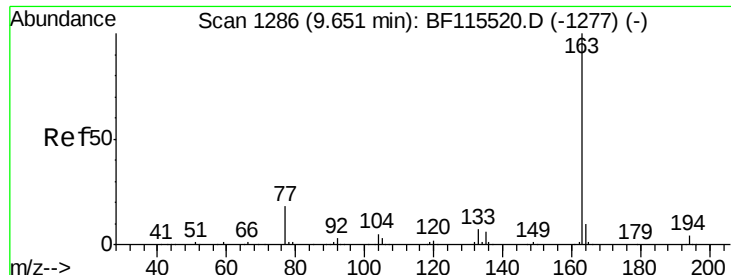
Abundance

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: 5.847 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115809.D

Acq: 27 Jul 2019 1:25

Instrument :

BNA\_F

ClientSampleId :

CL-02-072519-B

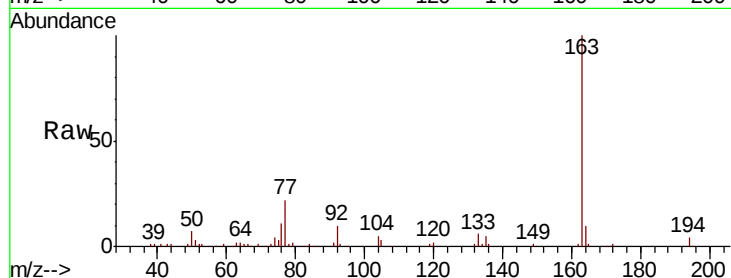
Tot Ion:163 Resp: 116331

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

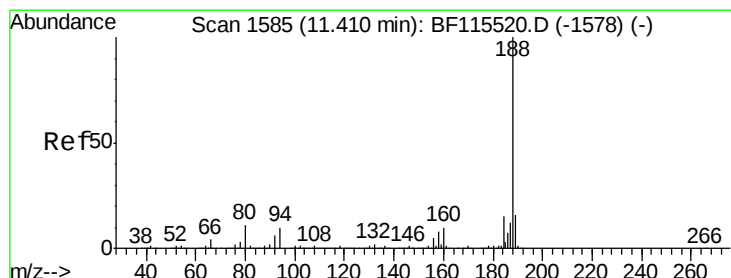
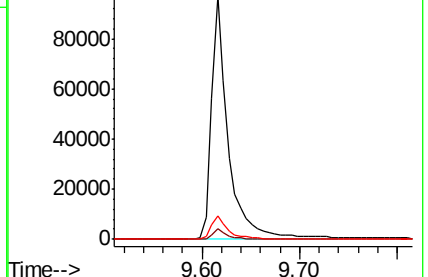
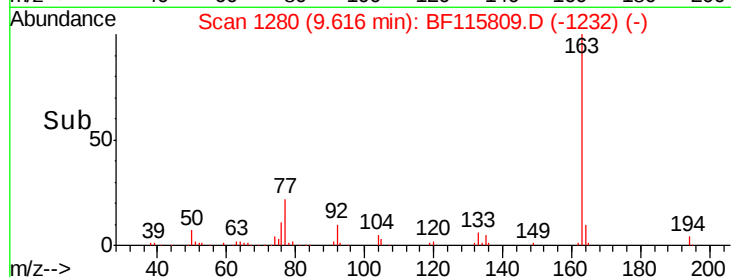
164 9.8 8.3 12.5



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: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF115809.D

Acq: 27 Jul 2019 1:25

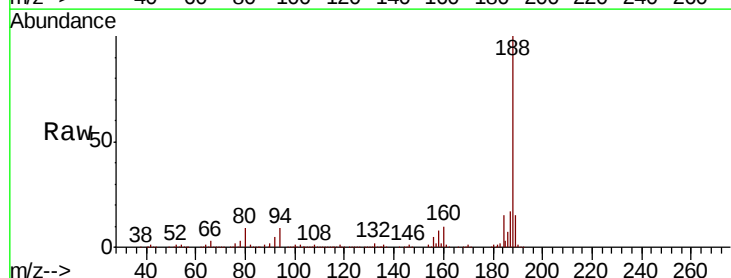
Tgt Ion:188 Resp: 398450

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

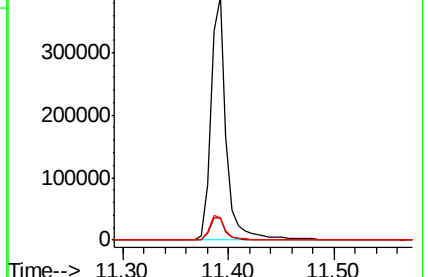
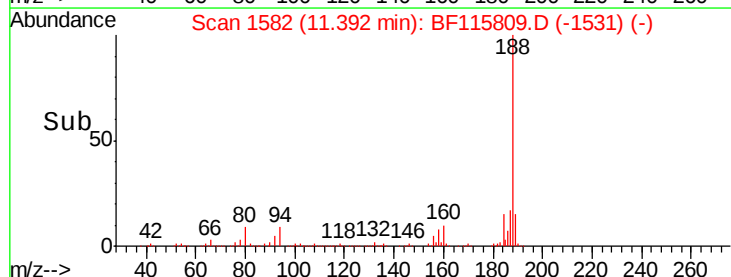
80 9.3 9.0 13.6

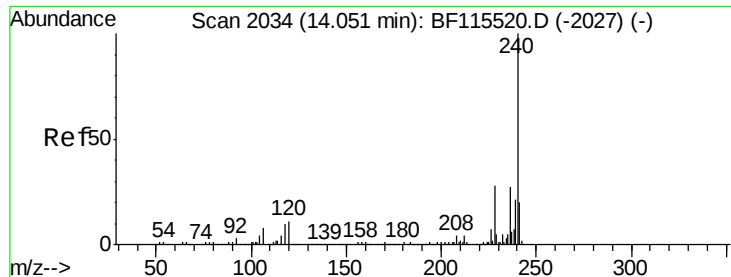


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

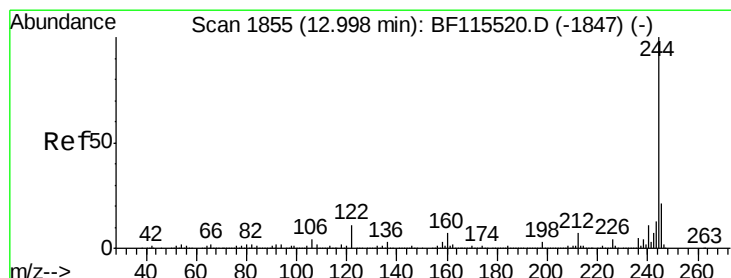
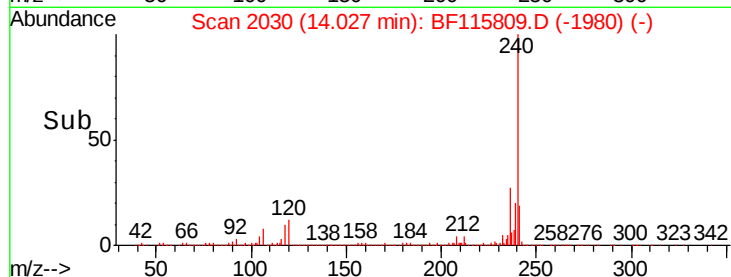
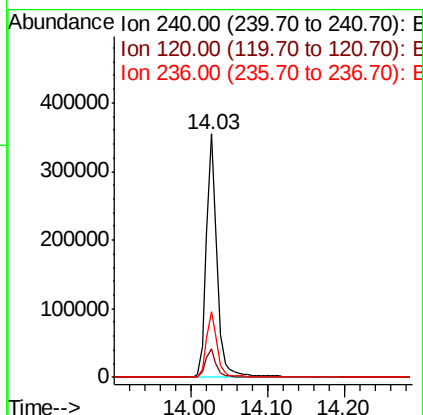
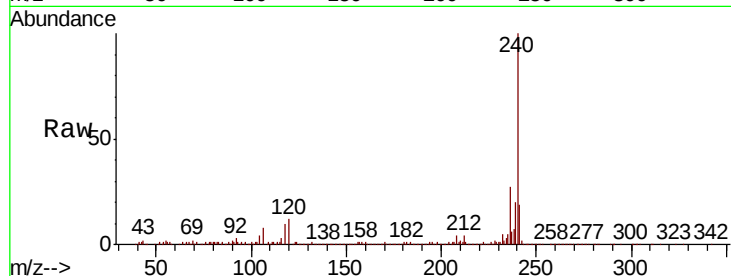




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.03 min Scan# 2030  
 Delta R.T. -0.01 min  
 Lab File: BF115809.D  
 Acq: 27 Jul 2019 1:25

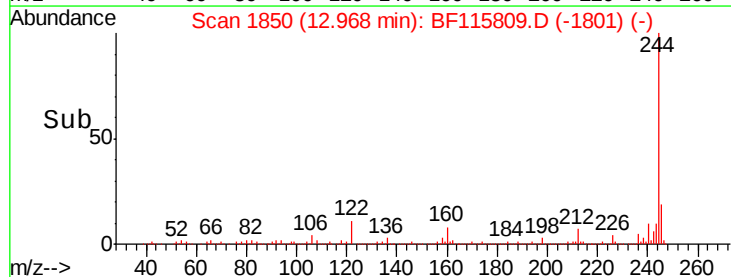
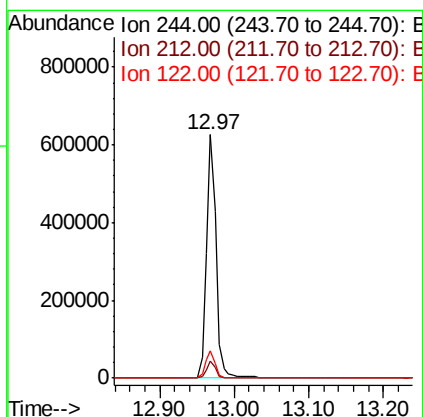
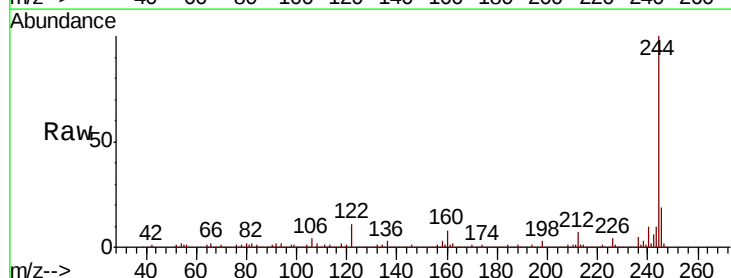
Instrument :  
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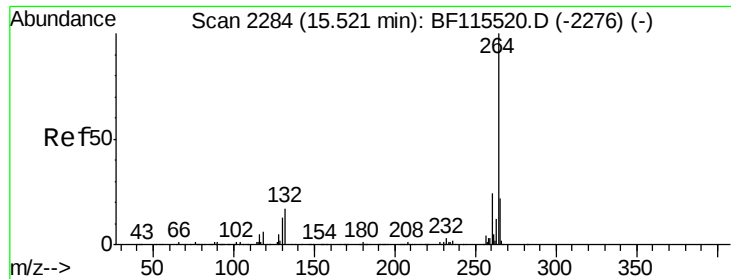
Tot Ion:240 Resp: 344462  
 Ion Ratio Lower Upper  
 240 100  
 120 11.9 10.0 15.0  
 236 27.0 21.8 32.6



#79  
 Terphenyl-d14  
 Concen: 30.334 ng  
 RT: 12.97 min Scan# 1850  
 Delta R.T. -0.01 min  
 Lab File: BF115809.D  
 Acq: 27 Jul 2019 1:25

Tgt Ion:244 Resp: 566294  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 11.2 8.2 12.4





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.50 min Scan# 2280  
Delta R.T. -0.00 min  
Lab File: BF115809.D  
Acq: 27 Jul 2019 1:25

Instrument :  
BNA\_F  
ClientSampleId :  
CL-02-072519-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.8  | 29.6  |
| 265     | 21.5  | 17.5  | 26.3  |

