

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\  
 Data File : BF115285.D  
 Acq On : 28 Jun 2019 17:03  
 Operator : HP/JU  
 Sample : K3555-10  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SAMPLE-9

Quant Time: Jun 29 05:16:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 28 05:26:43 2019  
 Response via : Initial Calibration

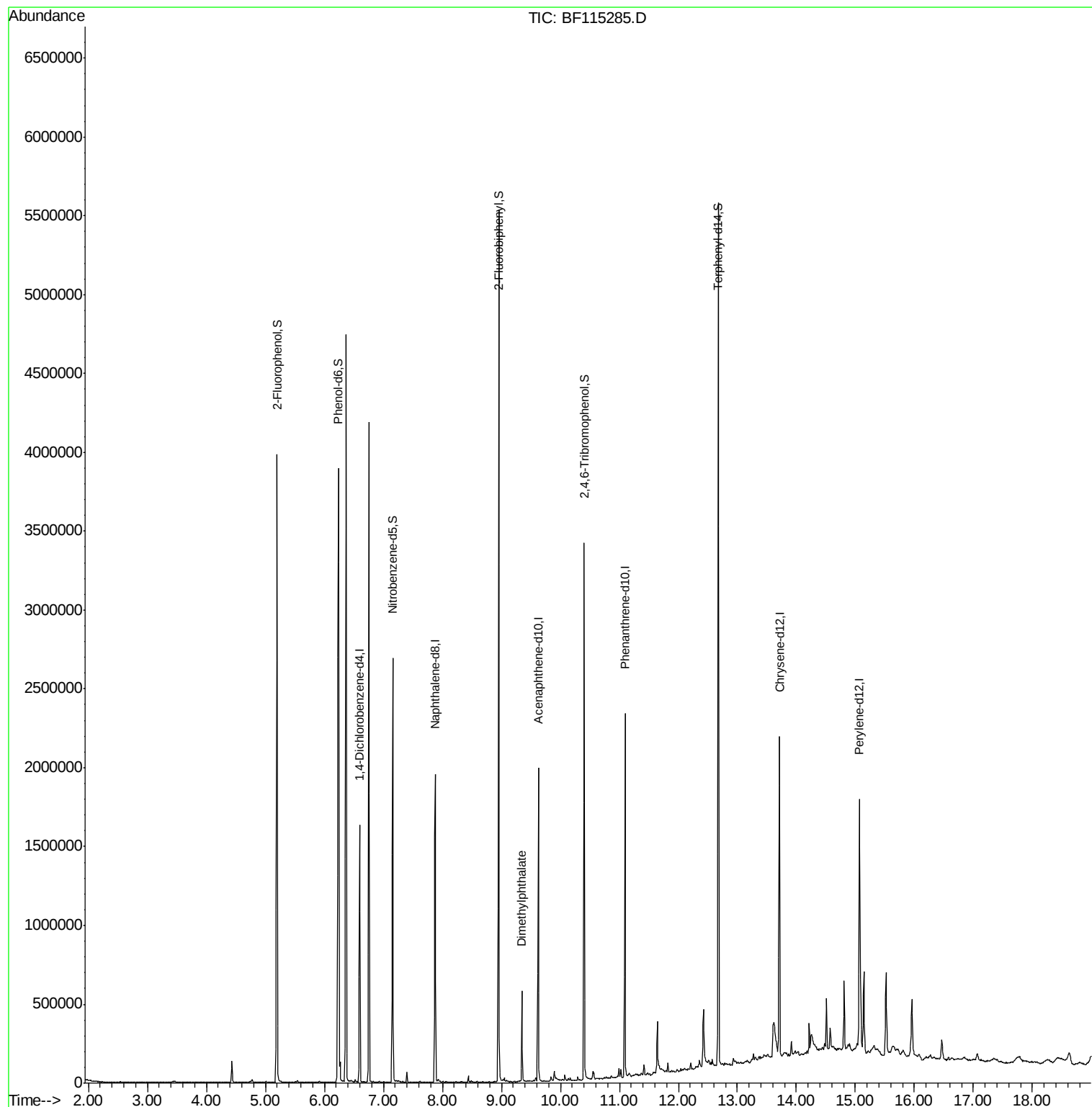
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.60  | 152  | 223873   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.88  | 136  | 861577   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.62  | 164  | 422447   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.10 | 188  | 831776   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 13.71 | 240  | 644675   | 20.00 | ng    | 0.00      |
| 87) Perylene-d12            | 15.07 | 264  | 680211   | 20.00 | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.20  | 112  | 1265549  | 87.23 | ng    | 0.00      |
| 7) Phenol-d6                | 6.24  | 99   | 1603520  | 91.07 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.16  | 82   | 951101   | 67.91 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.41 | 330  | 441236   | 99.05 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 8.95  | 172  | 1715798  | 68.99 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.68 | 244  | 1897171  | 62.57 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.35  | 163  | 222267   | 7.151 | ng    | Qvalue 97 |

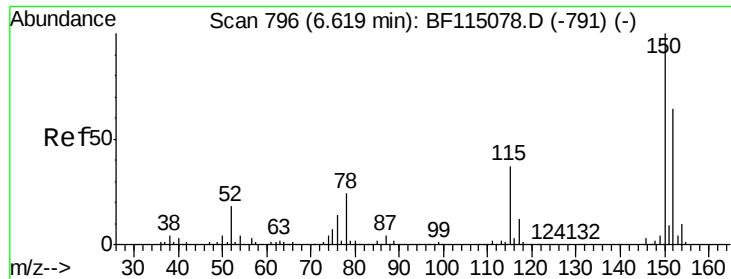
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 28 05:26:43 2019  
Response via : Initial Calibration



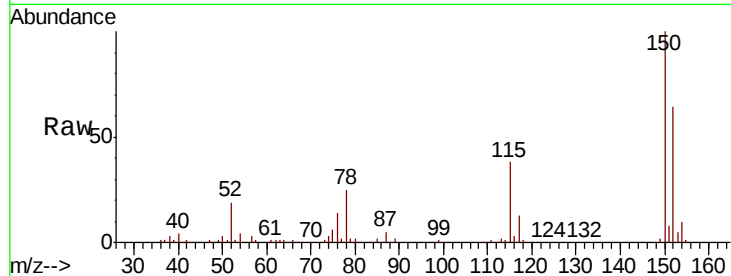


#1

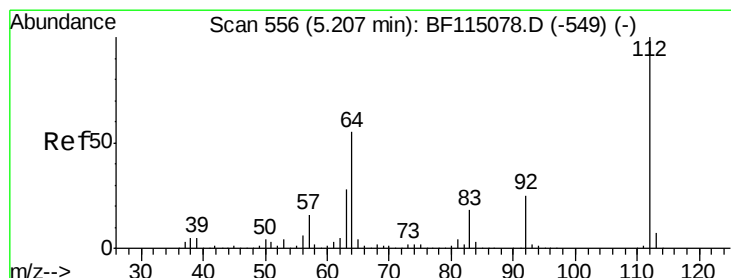
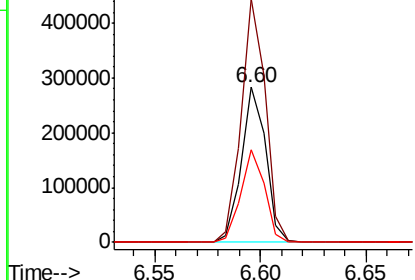
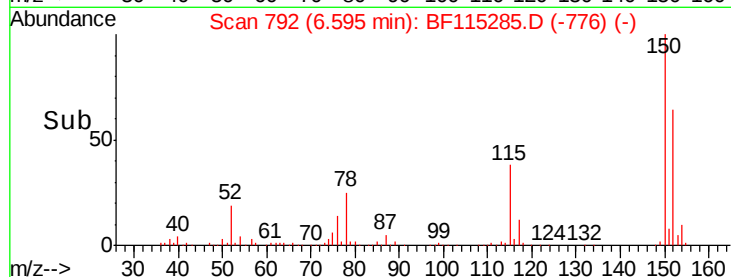
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.60 min Scan# 792  
Delta R.T. -0.01 min  
Lab File: BF115285.D  
Acq: 28 Jun 2019 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-9

Tot Ion:152 Resp: 223873  
Ion Ratio Lower Upper  
152 100  
150 157.1 124.2 186.2  
115 59.8 46.1 69.1



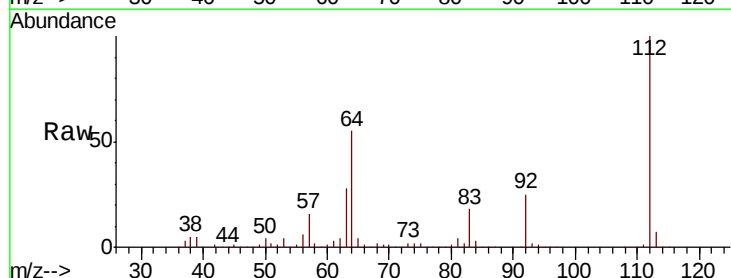
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



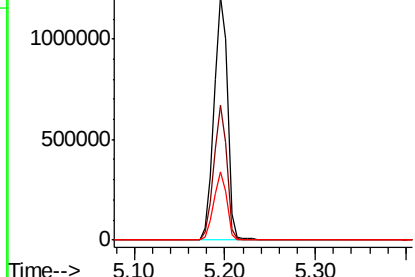
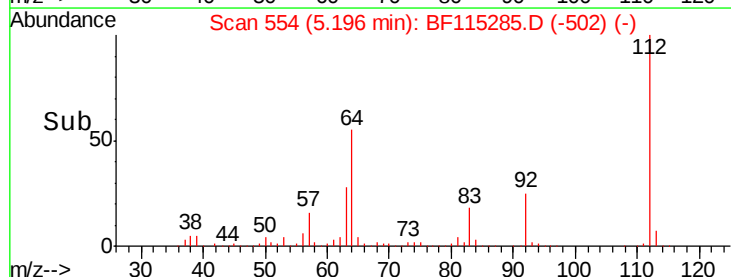
#5

2-Fluorophenol  
Concen: 87.235 ng  
RT: 5.20 min Scan# 554  
Delta R.T. 0.01 min  
Lab File: BF115285.D  
Acq: 28 Jun 2019 17:03

Tgt Ion:112 Resp: 1265549  
Ion Ratio Lower Upper  
112 100  
64 55.1 43.8 65.6  
63 28.0 22.2 33.4



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: 91.066 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115285.D

Acq: 28 Jun 2019 17:03

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-9

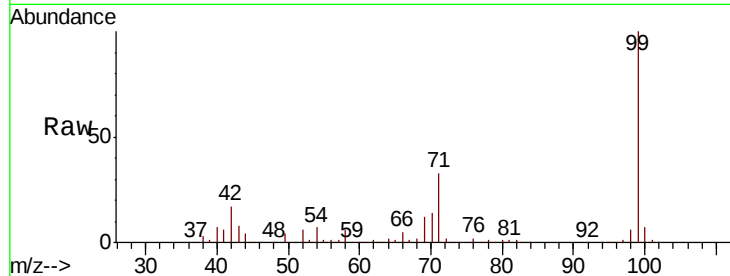
Tot Ion: 99 Resp: 1603520

Ion Ratio Lower Upper

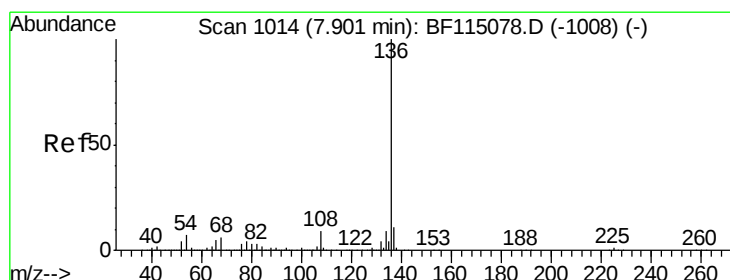
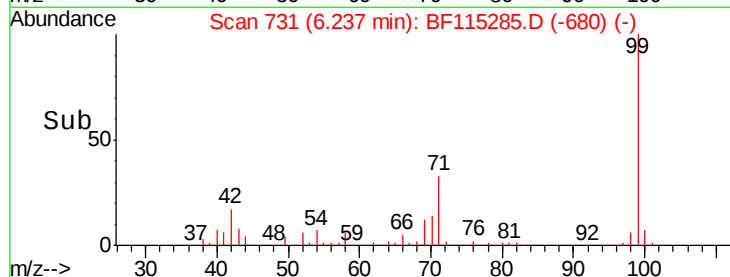
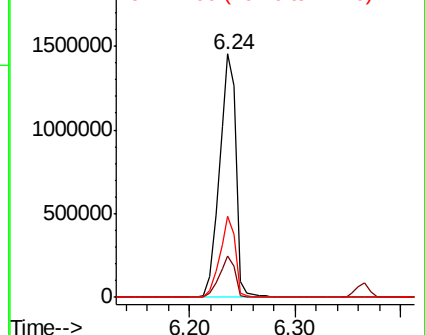
99 100

42 16.8 13.6 20.4

71 33.0 25.5 38.3



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: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115285.D

Acq: 28 Jun 2019 17:03

Tgt Ion: 136 Resp: 861577

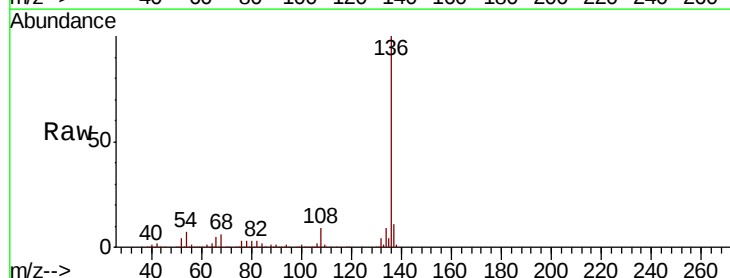
Ion Ratio Lower Upper

136 100

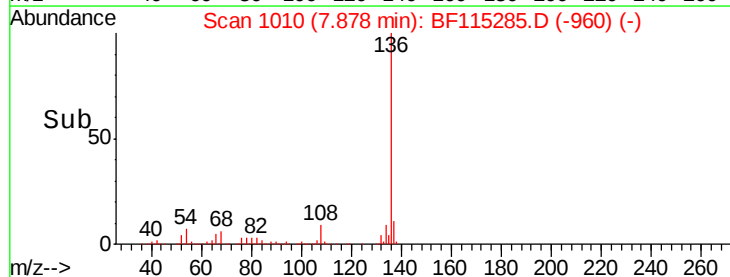
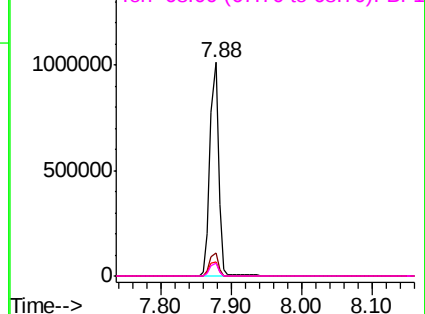
137 11.0 8.9 13.3

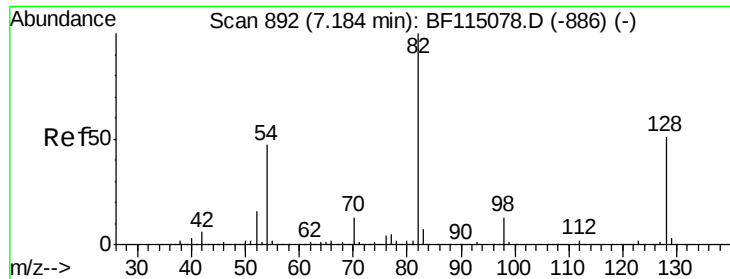
54 6.6 5.6 8.4

68 5.8 4.8 7.2



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

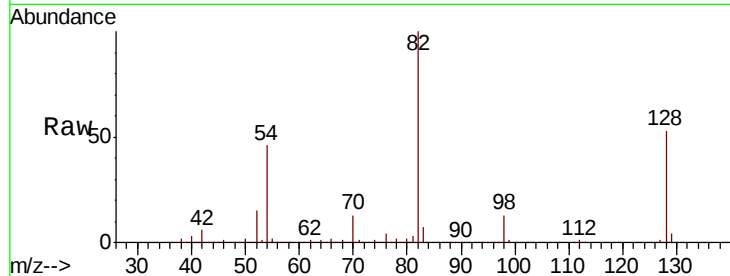




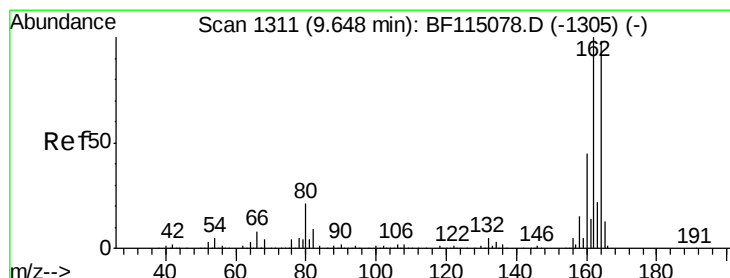
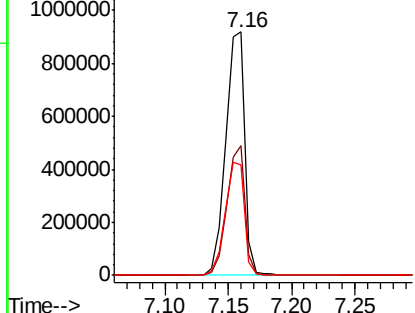
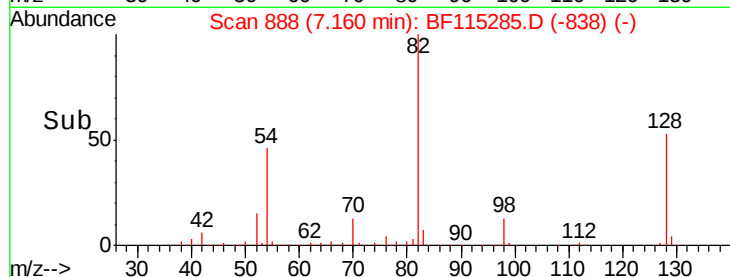
#23  
 Nitrobenzene-d5  
 Concen: 67.907 ng  
 RT: 7.16 min Scan# 888  
 Delta R.T. -0.01 min  
 Lab File: BF115285.D  
 Acq: 28 Jun 2019 17:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SAMPLE-9

Tot Ion: 82 Resp: 951101  
 Ion Ratio Lower Upper  
 82 100  
 128 53.1 40.4 60.6  
 54 45.6 37.5 56.3

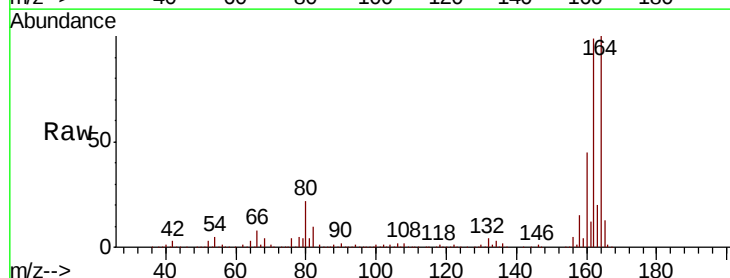


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

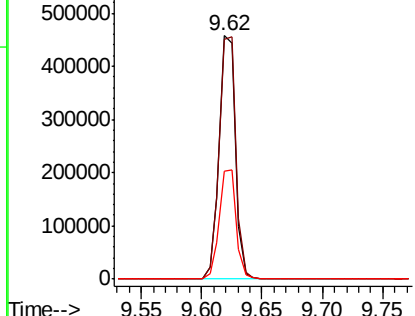
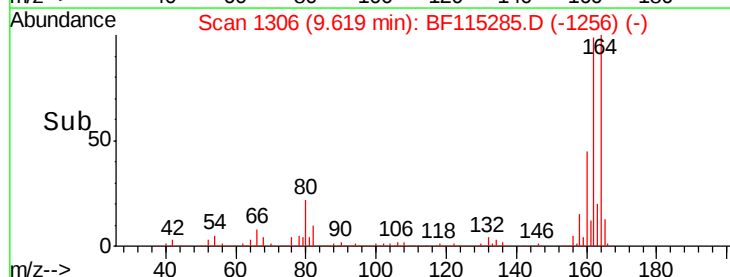


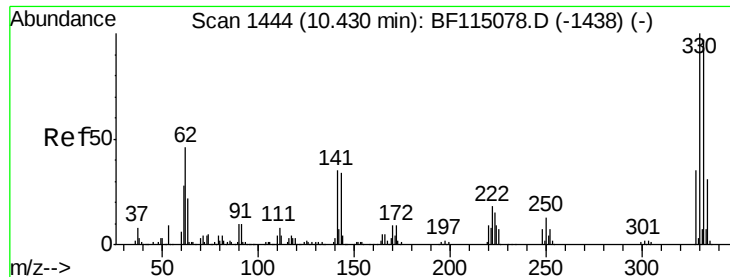
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.62 min Scan# 1306  
 Delta R.T. -0.01 min  
 Lab File: BF115285.D  
 Acq: 28 Jun 2019 17:03

Tgt Ion: 164 Resp: 422447  
 Ion Ratio Lower Upper  
 164 100  
 162 98.6 81.7 122.5  
 160 44.6 37.0 55.4



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





#42

2,4,6-Tribromophenol

Concen: 99.046 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF115285.D

Acq: 28 Jun 2019 17:03

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-9

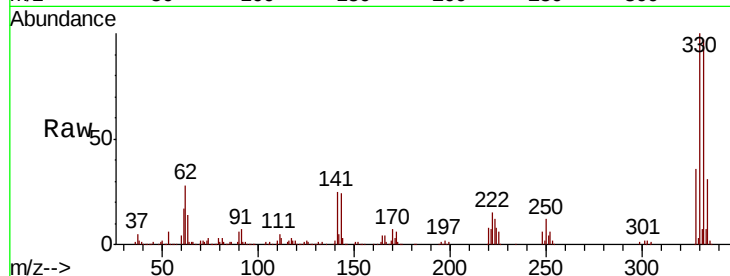
Tot Ion:330 Resp: 441236

Ion Ratio Lower Upper

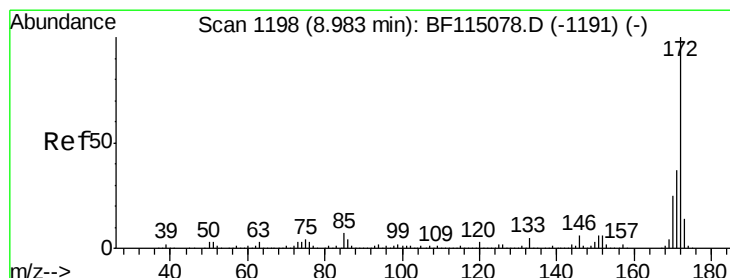
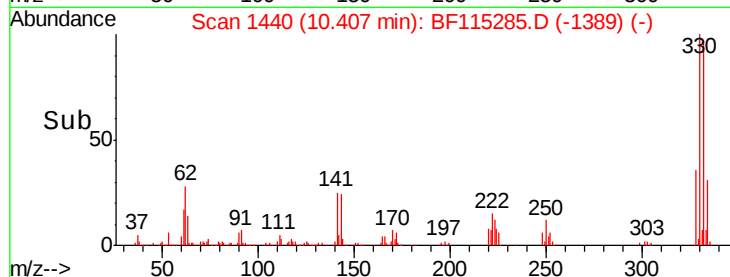
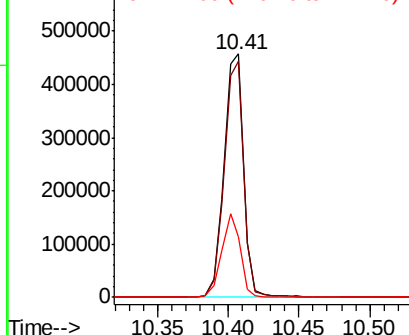
330 100

332 96.7 77.3 115.9

141 32.7 28.2 42.2



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: 68.991 ng

RT: 8.95 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF115285.D

Acq: 28 Jun 2019 17:03

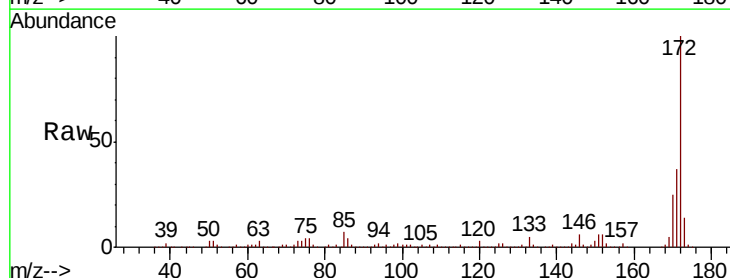
Tgt Ion:172 Resp: 1715798

Ion Ratio Lower Upper

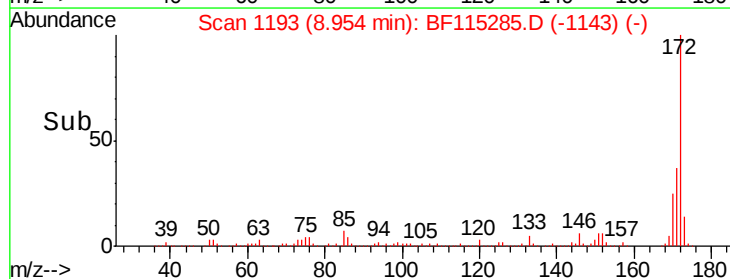
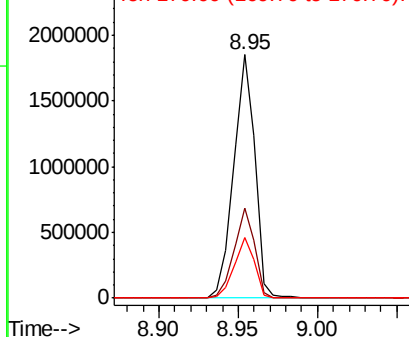
172 100

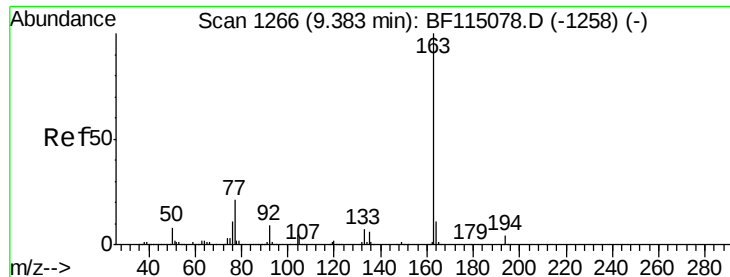
171 37.1 29.8 44.6

170 25.1 20.3 30.5



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: 7.151 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF115285.D

Acq: 28 Jun 2019 17:03

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-9

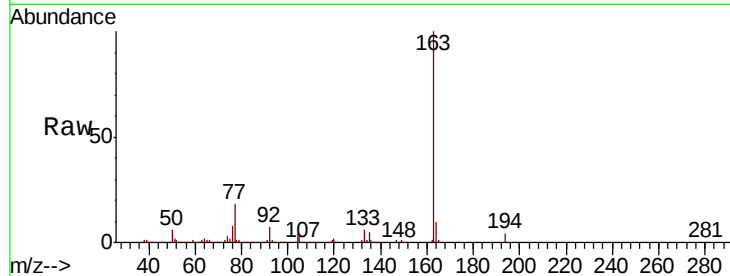
Tot Ion:163 Resp: 222267

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

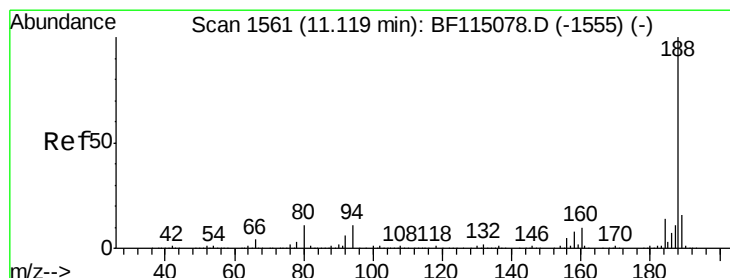
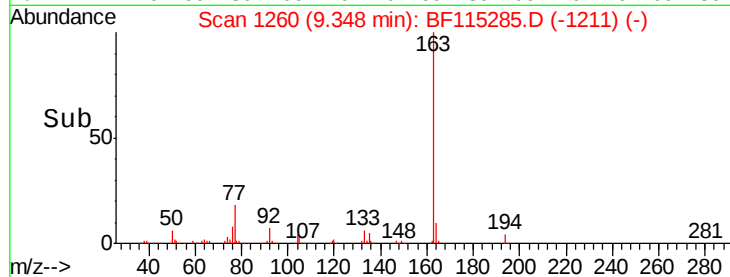
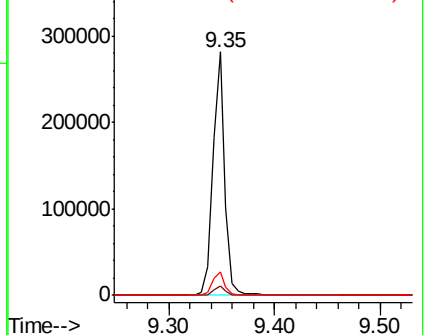
164 9.5 8.6 13.0



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: 11.10 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115285.D

Acq: 28 Jun 2019 17:03

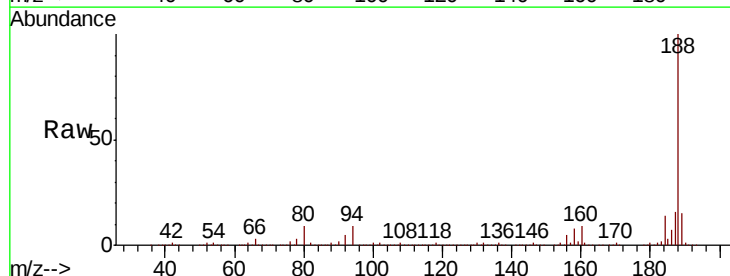
Tgt Ion:188 Resp: 831776

Ion Ratio Lower Upper

188 100

94 8.8 8.6 12.8

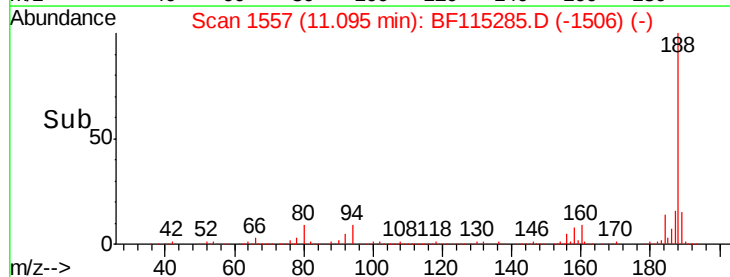
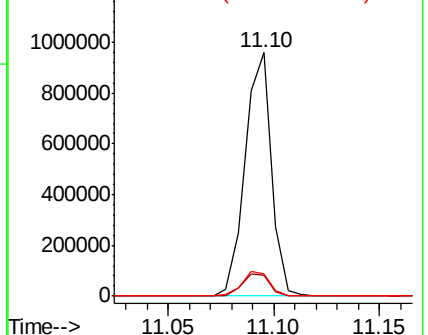
80 9.0 8.8 13.2

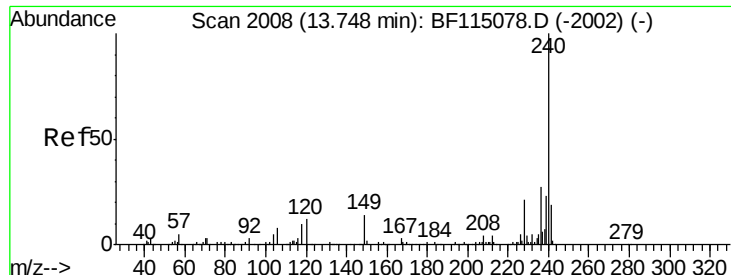


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115285.D

Acq: 28 Jun 2019 17:03

Instrument :

BNA\_F

ClientSampleId :

SAMPLE-9

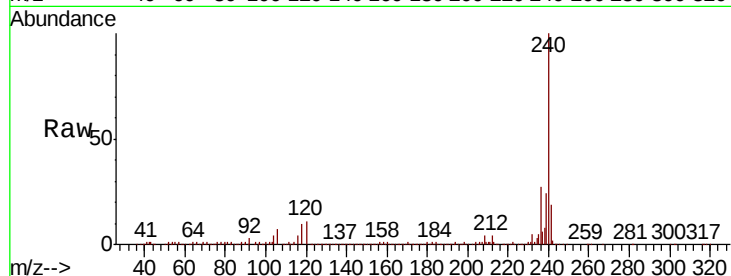
Tot Ion:240 Resp: 644675

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

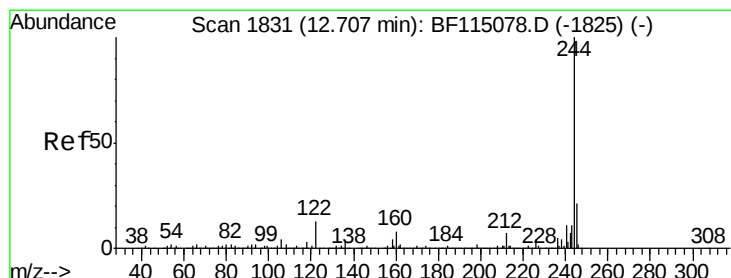
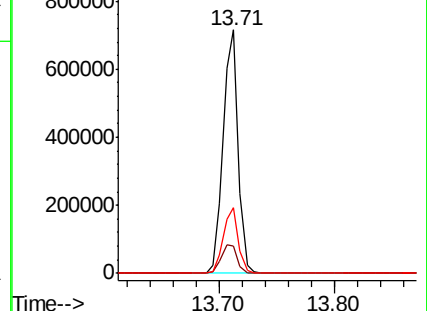
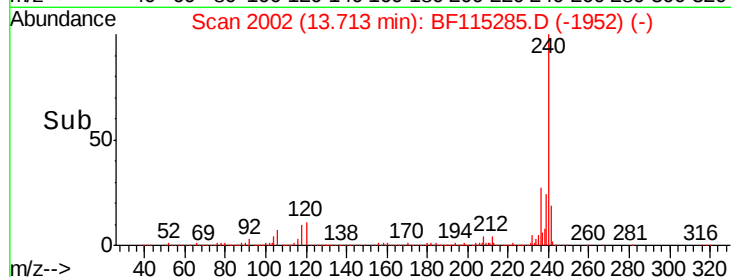
236 26.7 21.7 32.5



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: 62.569 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF115285.D

Acq: 28 Jun 2019 17:03

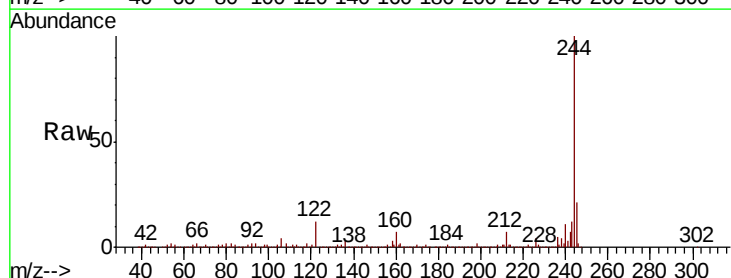
Tgt Ion:244 Resp: 1897171

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

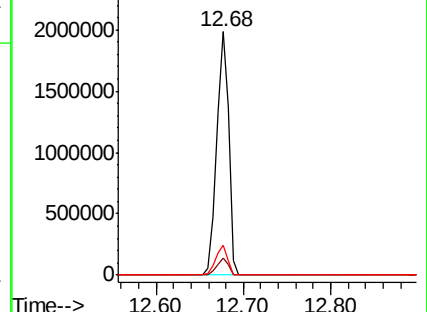
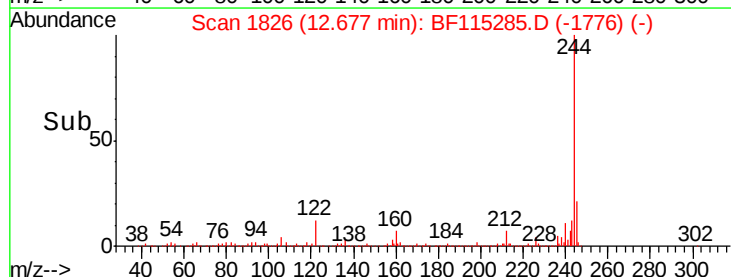
122 12.4 10.4 15.6

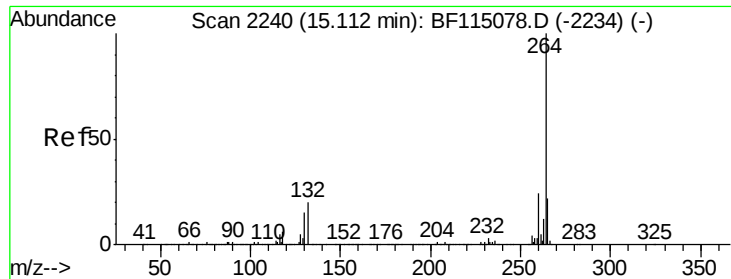


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.07 min Scan# 2233  
Delta R.T. -0.01 min  
Lab File: BF115285.D  
Acq: 28 Jun 2019 17:03

Instrument :  
BNA\_F  
ClientSampleId :  
SAMPLE-9

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.6  | 29.4  |
| 265     | 21.6  | 17.3  | 25.9  |

