

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\  
 Data File : BF115538.D  
 Acq On : 12 Jul 2019 20:38  
 Operator : HP/JU  
 Sample : K3740-07  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-22

Quant Time: Jul 13 02:27:12 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 14:03:52 2019  
 Response via : Initial Calibration

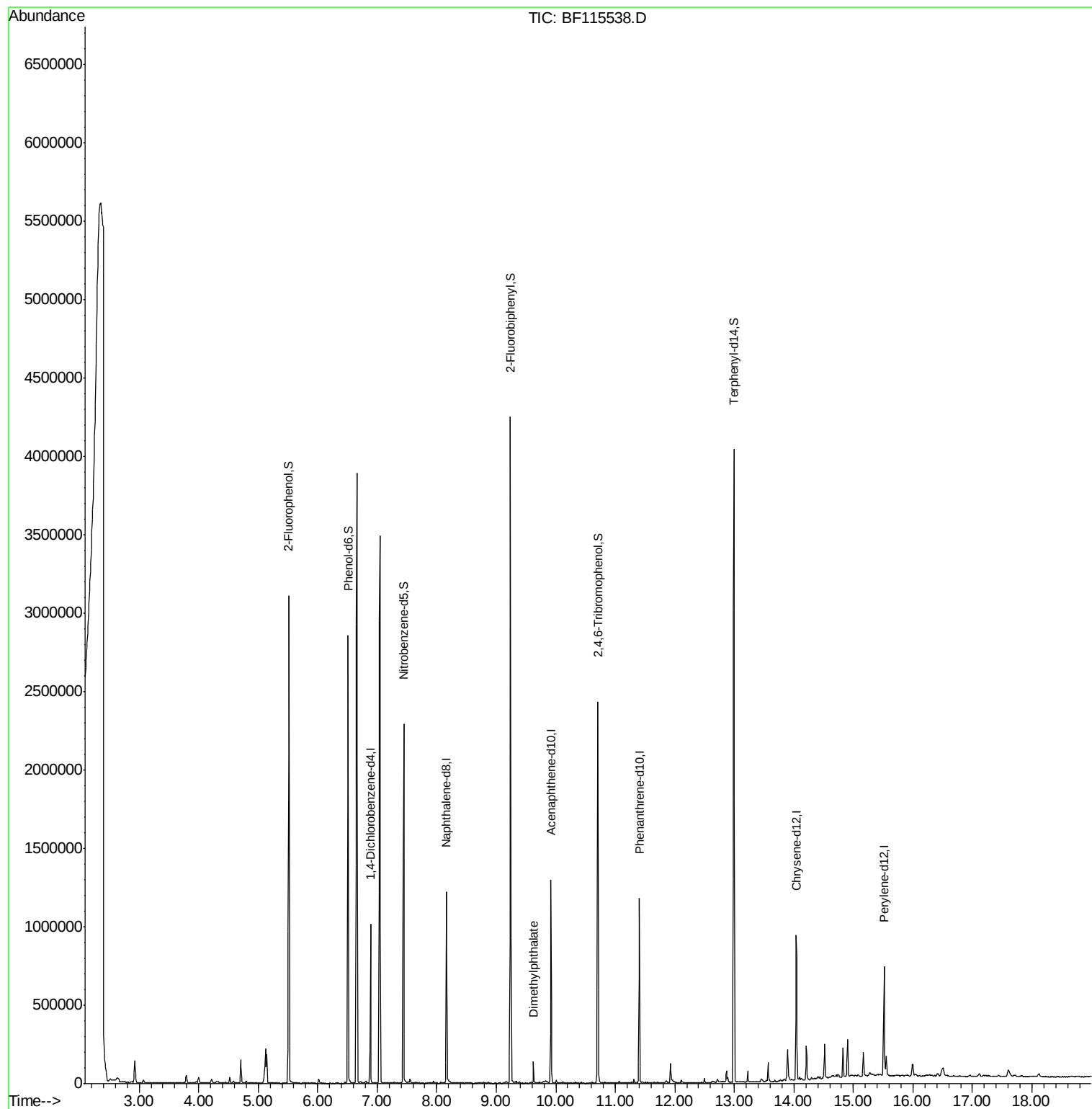
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 145926   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.16  | 136  | 537907   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.92  | 164  | 249264   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.40 | 188  | 406490   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.04 | 240  | 306516   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 15.52 | 264  | 337745   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.52  | 112  | 978851   | 109.72 | ng    | 0.01      |
| 7) Phenol-d6                | 6.51  | 99   | 1090733  | 96.35  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.44  | 82   | 883518   | 95.51  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.71 | 330  | 349805   | 120.23 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.25  | 172  | 1570561  | 110.28 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.99 | 244  | 1389376  | 83.64  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.63  | 163  | 51615    | 2.752  | ng    | Qvalue 97 |

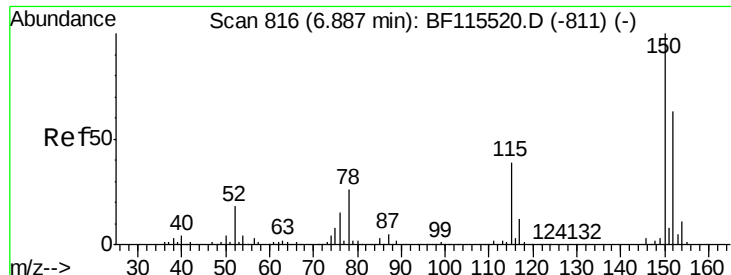
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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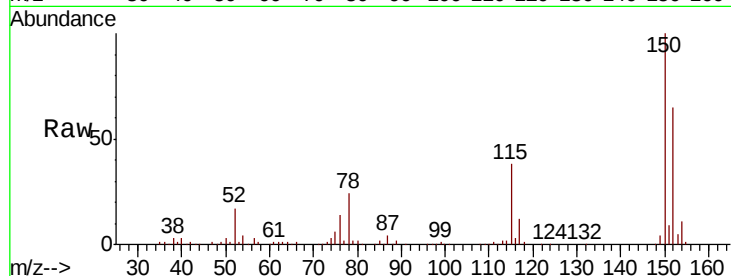


#1

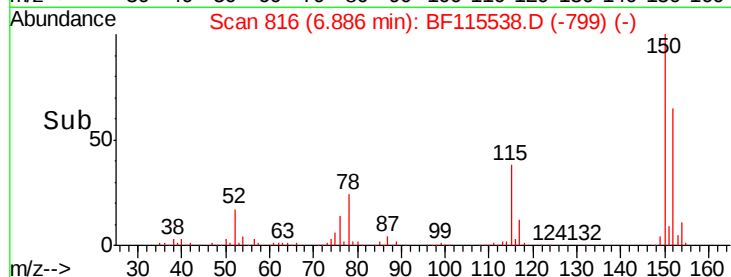
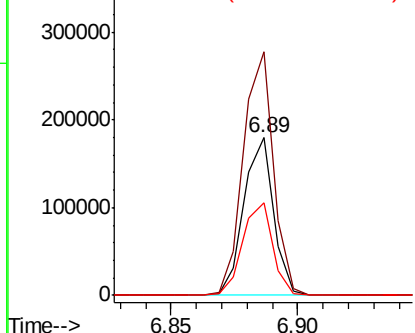
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.89 min Scan# 816  
 Delta R.T. -0.00 min  
 Lab File: BF115538.D  
 Acq: 12 Jul 2019 20:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-22

Tot Ion:152 Resp: 145926  
 Ion Ratio Lower Upper  
 152 100  
 150 154.5 129.7 194.5  
 115 58.4 48.2 72.4



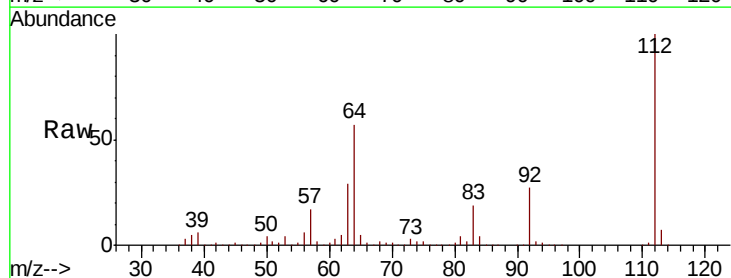
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



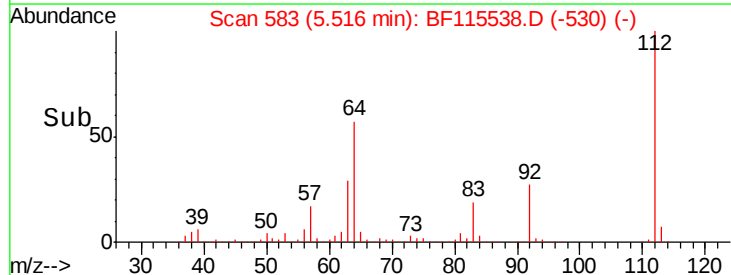
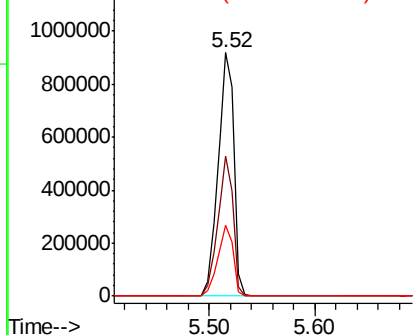
#5

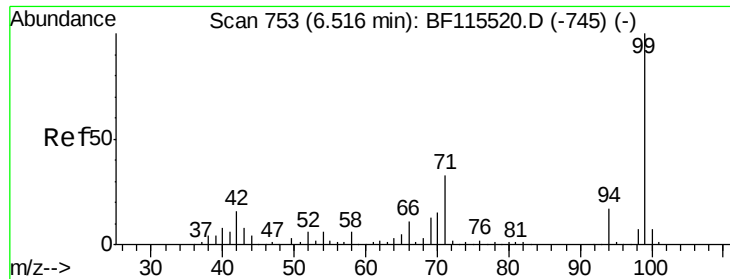
2-Fluorophenol  
 Concen: 109.721 ng  
 RT: 5.52 min Scan# 583  
 Delta R.T. 0.01 min  
 Lab File: BF115538.D  
 Acq: 12 Jul 2019 20:38

Tgt Ion:112 Resp: 978851  
 Ion Ratio Lower Upper  
 112 100  
 64 57.4 46.8 70.2  
 63 29.3 24.1 36.1



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: 96.354 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115538.D

Acq: 12 Jul 2019 20:38

Instrument :

BNA\_F

ClientSampled :

COMP-22

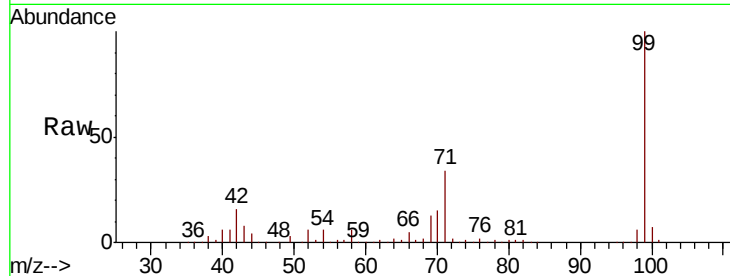
Tot Ion: 99 Resp: 1090733

Ion Ratio Lower Upper

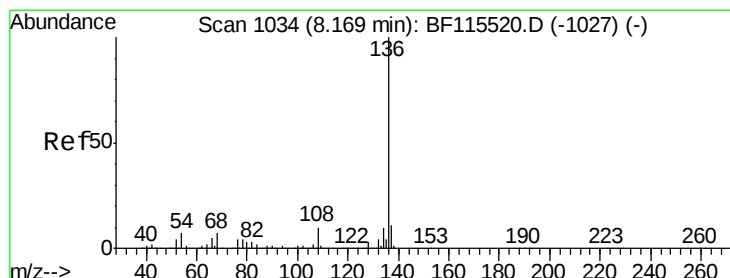
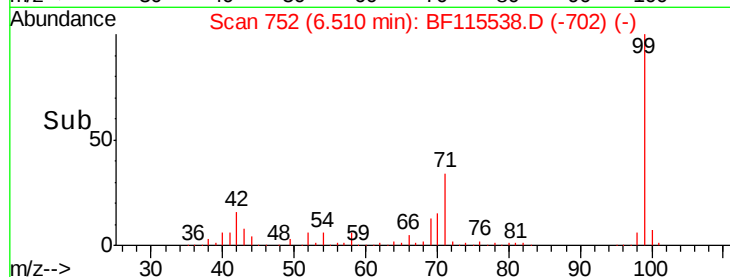
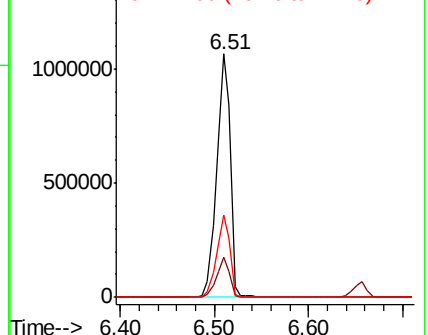
99 100

42 16.3 13.6 20.4

71 34.0 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115538.D

Acq: 12 Jul 2019 20:38

Tgt Ion: 136 Resp: 537907

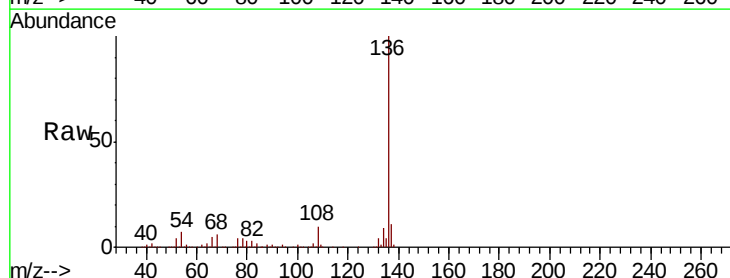
Ion Ratio Lower Upper

136 100

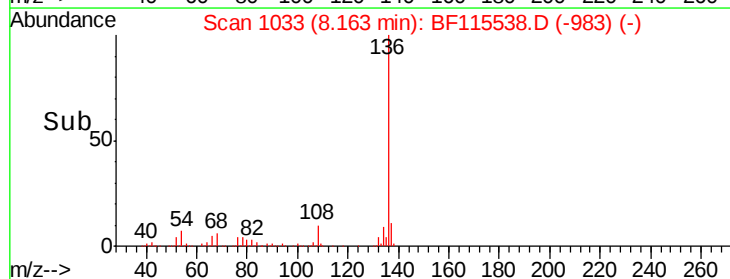
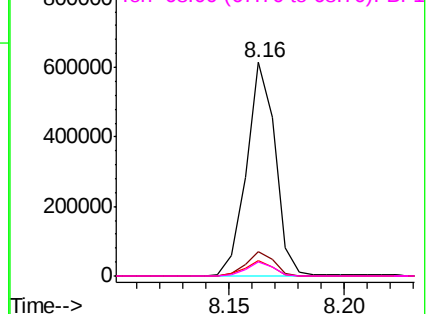
137 11.2 9.0 13.4

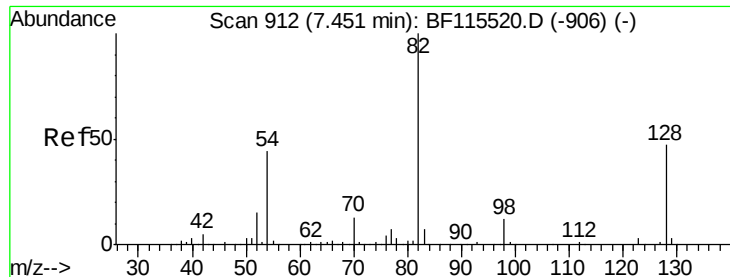
54 7.1 5.6 8.4

68 6.3 5.0 7.6



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

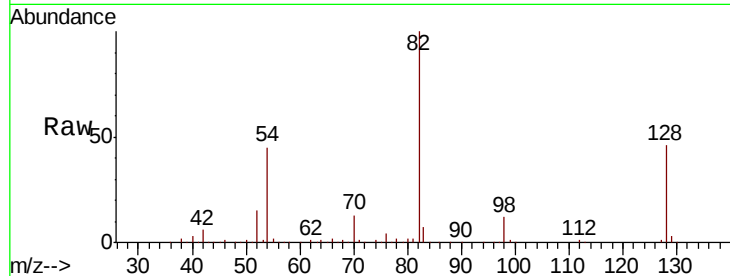




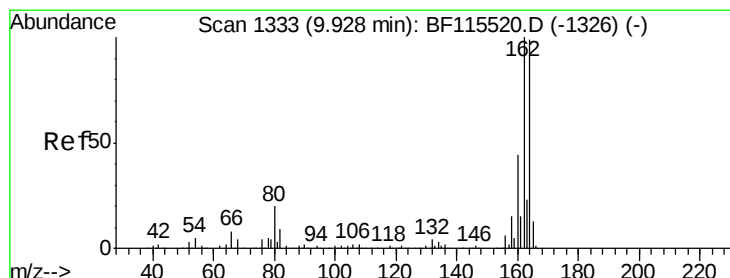
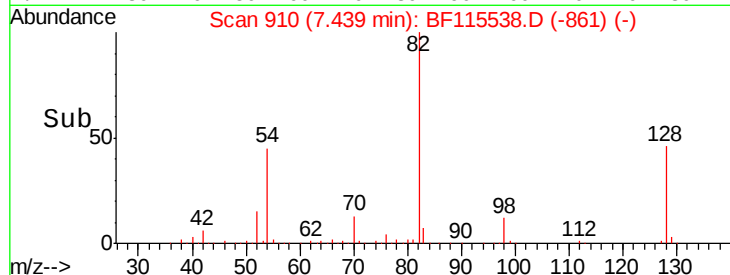
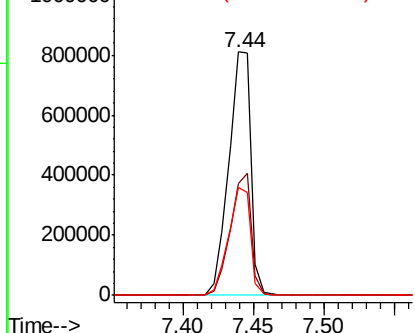
#23  
 Nitrobenzene-d5  
 Concen: 95.506 ng  
 RT: 7.44 min Scan# 910  
 Delta R.T. -0.01 min  
 Lab File: BF115538.D  
 Acq: 12 Jul 2019 20:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tot Ion: 82 Resp: 883518  
 Ion Ratio Lower Upper  
 82 100  
 128 45.7 38.6 57.8  
 54 44.6 35.6 53.4

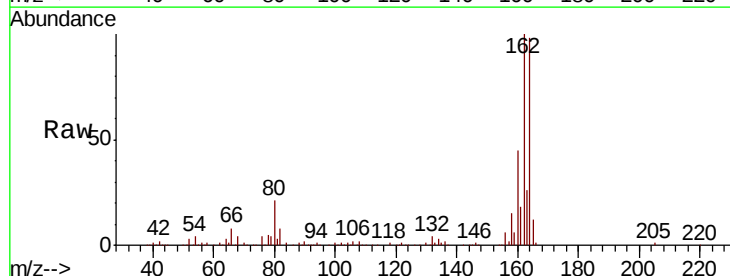


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF1

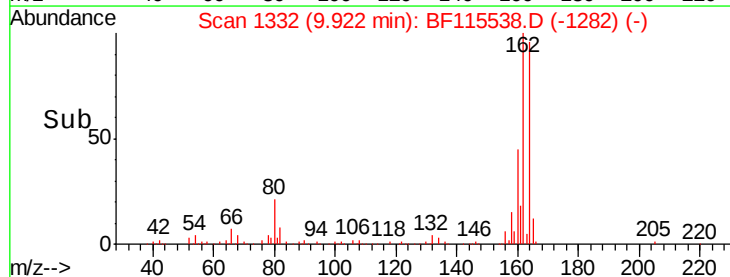
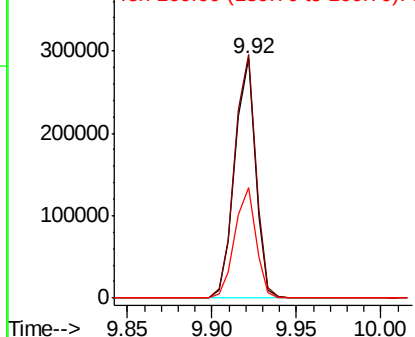


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.92 min Scan# 1332  
 Delta R.T. -0.01 min  
 Lab File: BF115538.D  
 Acq: 12 Jul 2019 20:38

Tgt Ion:164 Resp: 249264  
 Ion Ratio Lower Upper  
 164 100  
 162 101.8 82.9 124.3  
 160 46.0 36.8 55.2



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: 120.228 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115538.D

Acq: 12 Jul 2019 20:38

Instrument :

BNA\_F

ClientSampleId :

COMP-22

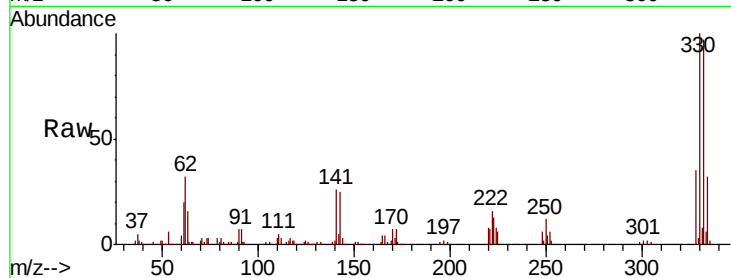
Tot Ion:330 Resp: 349805

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

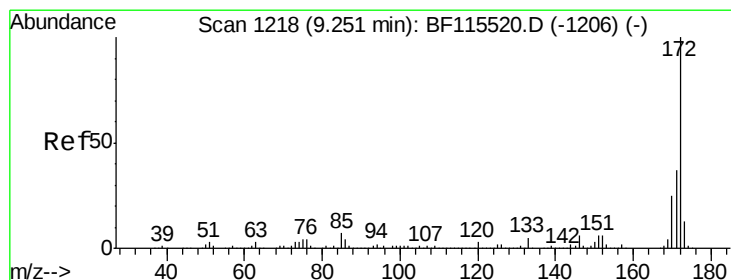
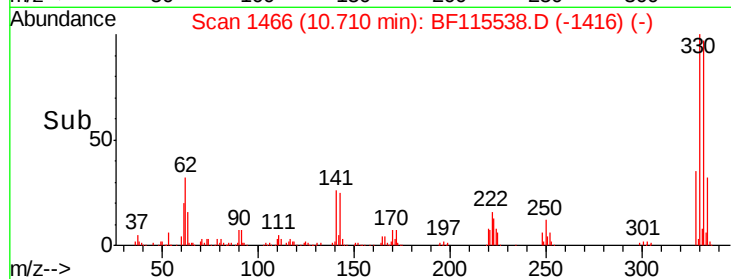
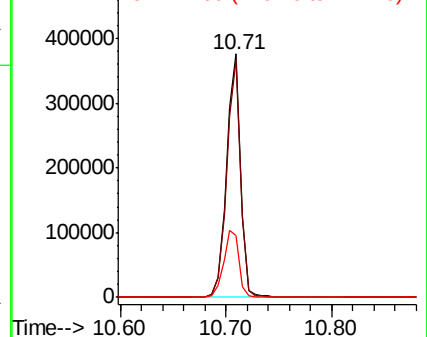
141 30.5 22.4 33.6



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: 110.282 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115538.D

Acq: 12 Jul 2019 20:38

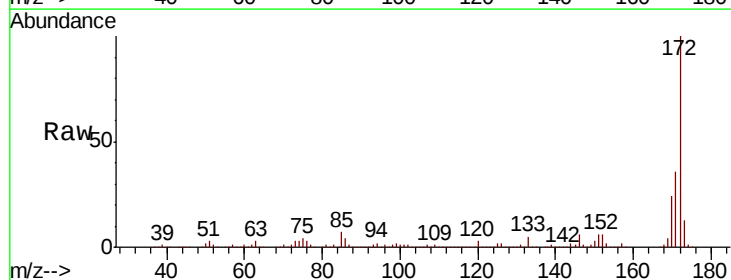
Tgt Ion:172 Resp: 1570561

Ion Ratio Lower Upper

172 100

171 36.1 30.6 46.0

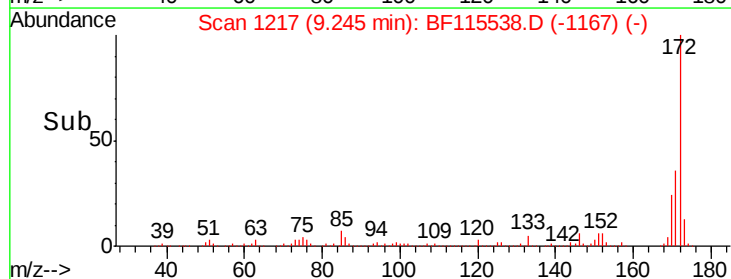
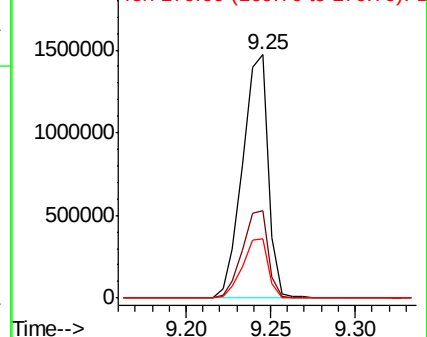
170 24.5 20.5 30.7

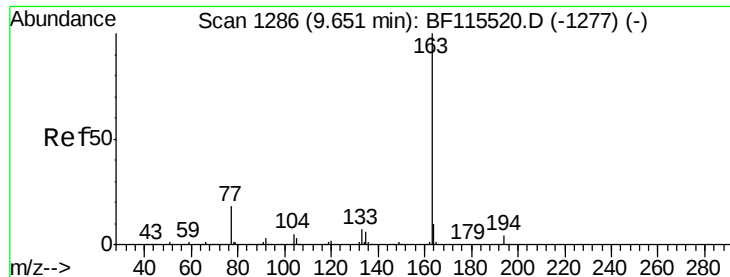


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.752 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115538.D

Acq: 12 Jul 2019 20:38

Instrument :

BNA\_F

ClientSampleId :

COMP-22

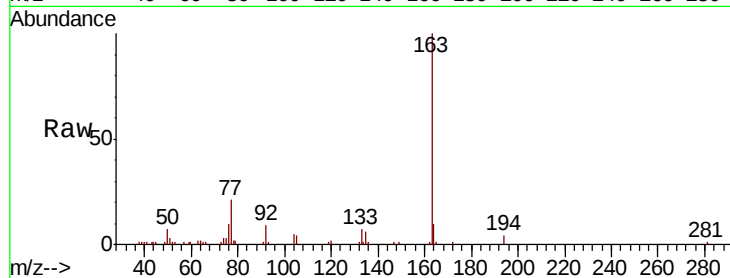
Tot Ion:163 Resp: 51615

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

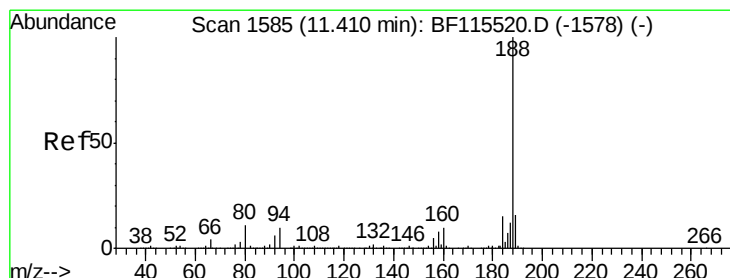
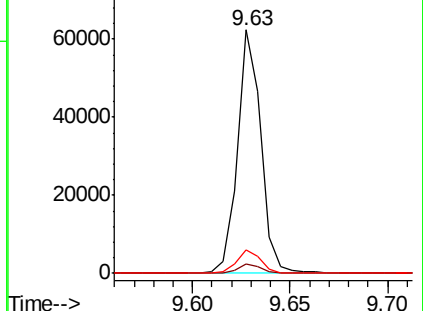
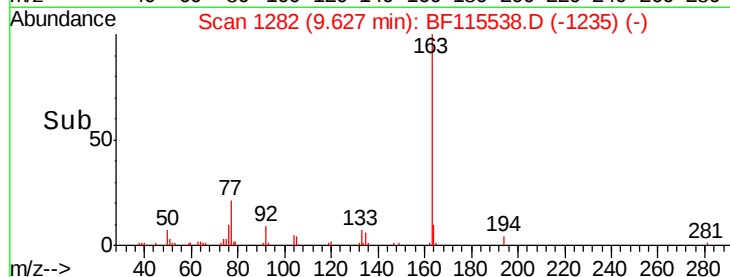
164 9.7 8.7 13.1



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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115538.D

Acq: 12 Jul 2019 20:38

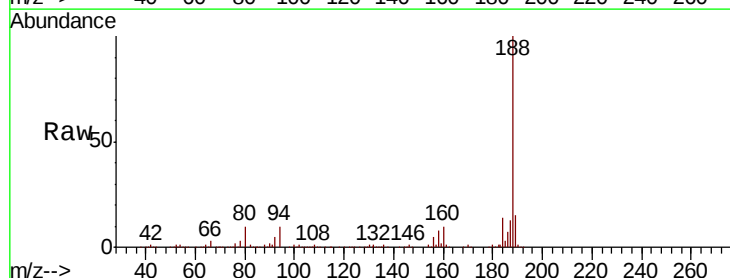
Tgt Ion:188 Resp: 406490

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

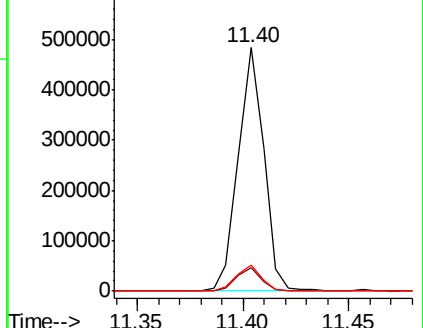
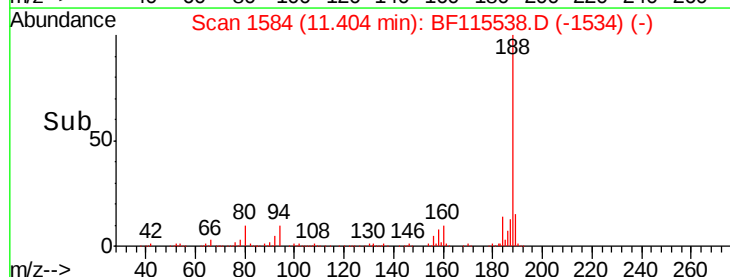
80 10.4 8.6 13.0

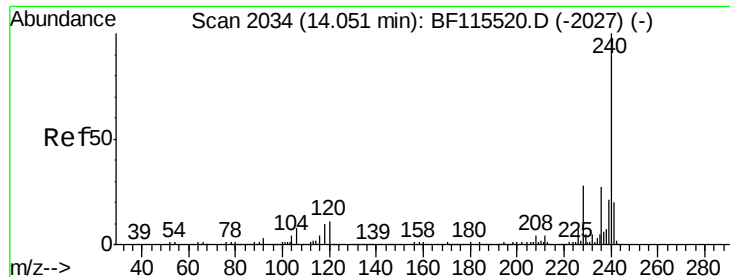


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

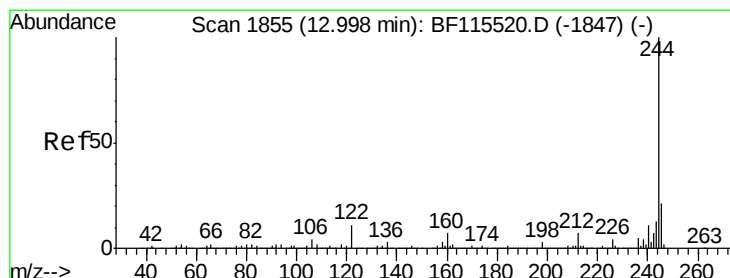
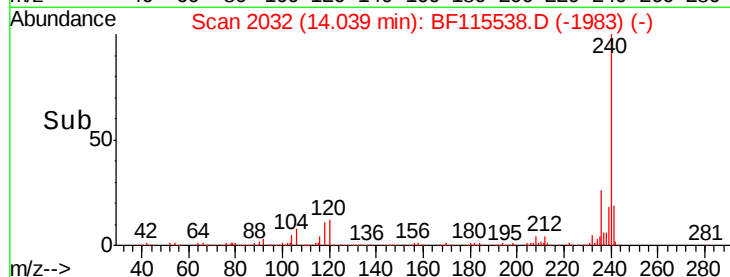
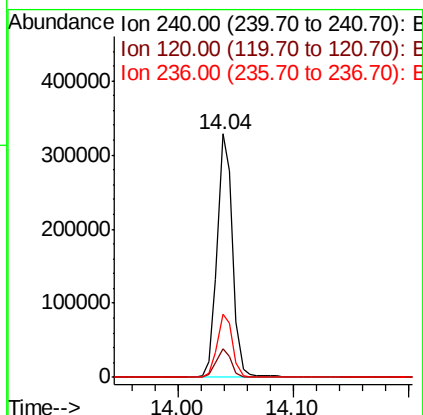
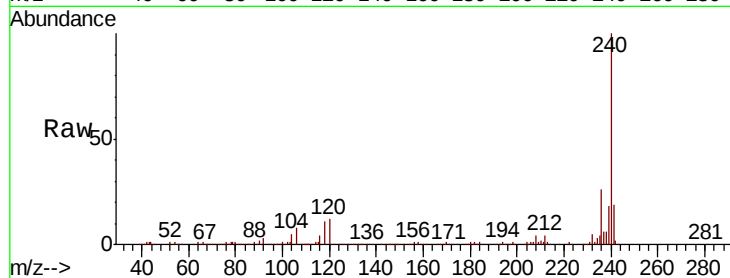




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. -0.01 min  
 Lab File: BF115538.D  
 Acq: 12 Jul 2019 20:38

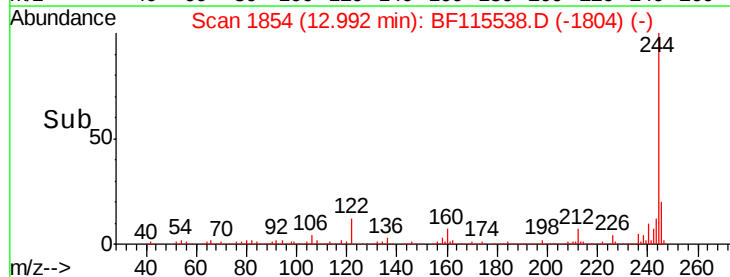
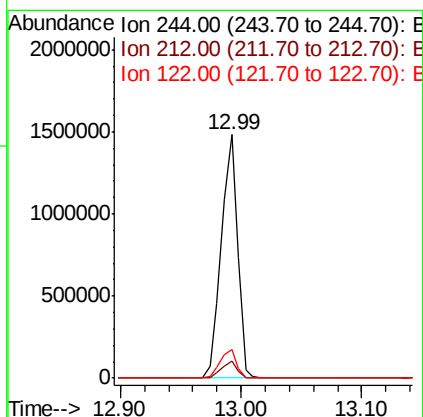
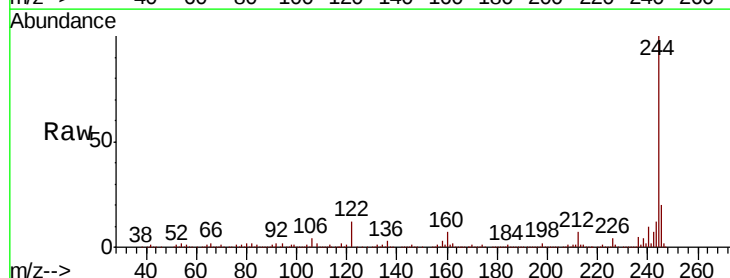
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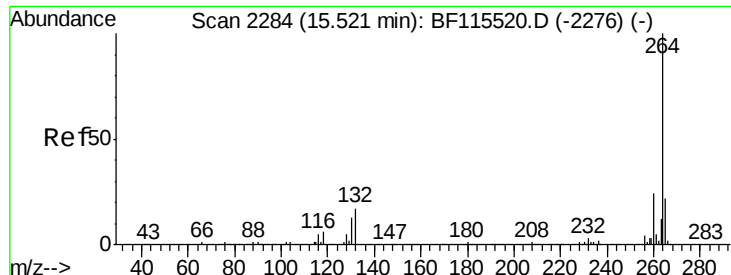
Tot Ion:240 Resp: 306516  
 Ion Ratio Lower Upper  
 240 100  
 120 11.6 8.6 13.0  
 236 25.8 21.3 31.9



#79  
 Terphenyl-d14  
 Concen: 83.638 ng  
 RT: 12.99 min Scan# 1854  
 Delta R.T. -0.01 min  
 Lab File: BF115538.D  
 Acq: 12 Jul 2019 20:38

Tgt Ion:244 Resp: 1389376  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 6.0 9.0  
 122 11.6 8.6 12.8

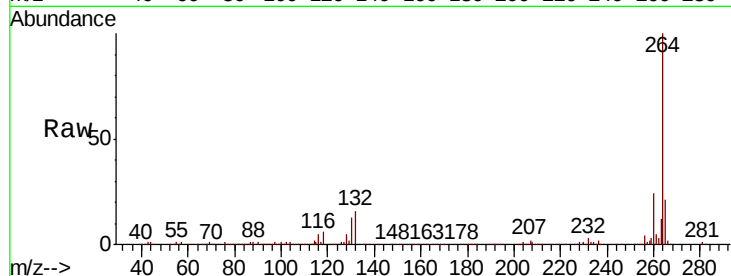




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.52 min Scan# 2283  
 Delta R.T. -0.01 min  
 Lab File: BF115538.D  
 Acq: 12 Jul 2019 20:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-22

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.8  | 29.8  |
| 265     | 21.0  | 17.7  | 26.5  |



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

