

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\  
 Data File : BF111049.D  
 Acq On : 28 Nov 2018 16:57  
 Operator : JU/SJ  
 Sample : J6083-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-3

Quant Time: Nov 29 01:36:11 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 27 15:32:10 2018  
 Response via : Initial Calibration

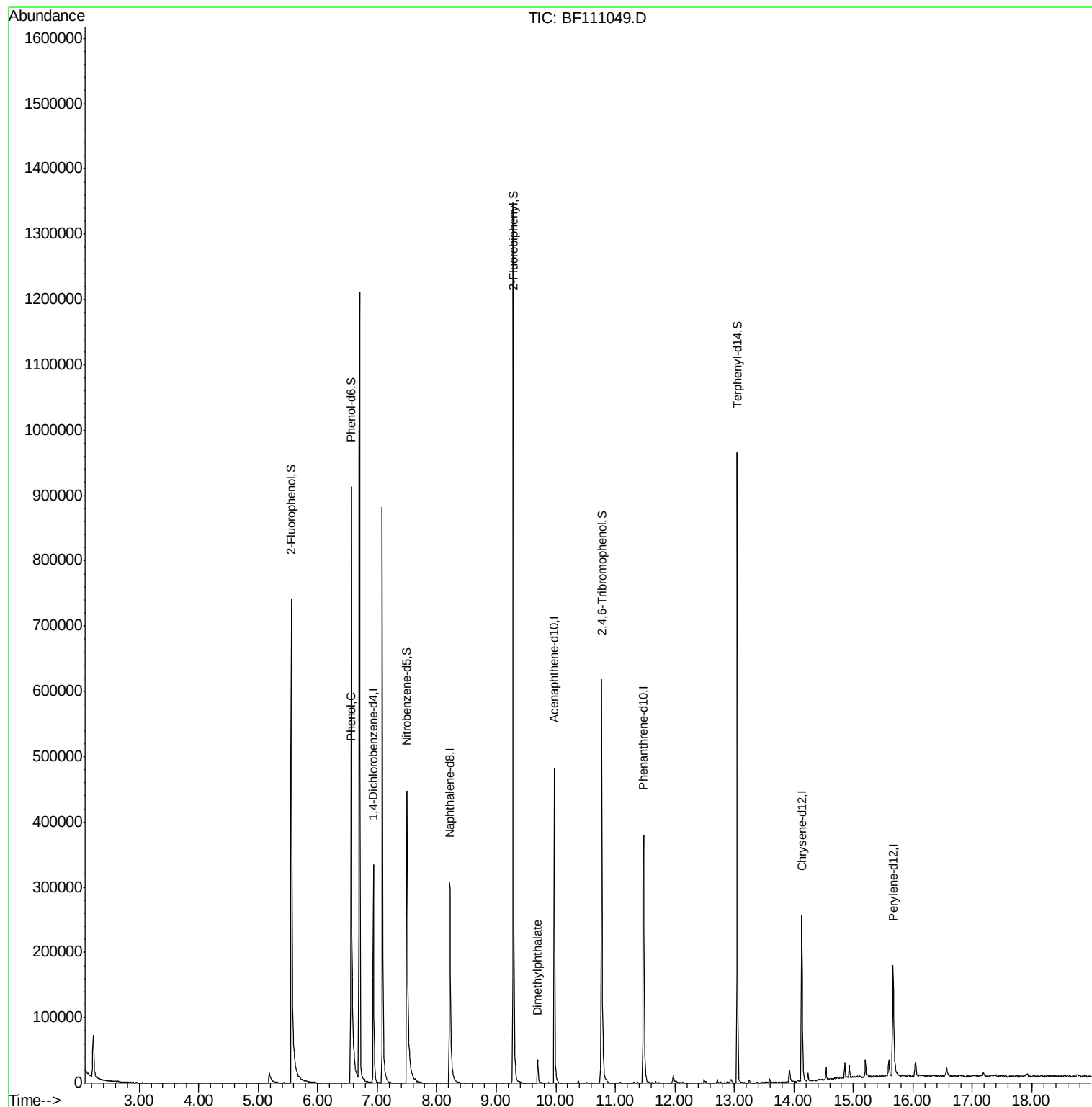
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.93  | 152  | 57505    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.22  | 136  | 241515   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.97  | 164  | 112857   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.47 | 188  | 195449   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.13 | 240  | 113723   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 15.67 | 264  | 116415   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.56  | 112  | 296736   | 85.57 | ng    | 0.00     |
| 7) Phenol-d6                | 6.56  | 99   | 386072   | 85.43 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.50  | 82   | 242019   | 57.35 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.77 | 330  | 91425    | 81.57 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.29  | 172  | 455511   | 58.48 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.05 | 244  | 317149   | 54.29 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 6.57  | 94   | 19538    | 3.839 | ng    | 91       |
| 50) Dimethylphthalate       | 9.69  | 163  | 21690    | 2.621 | ng    | 98       |

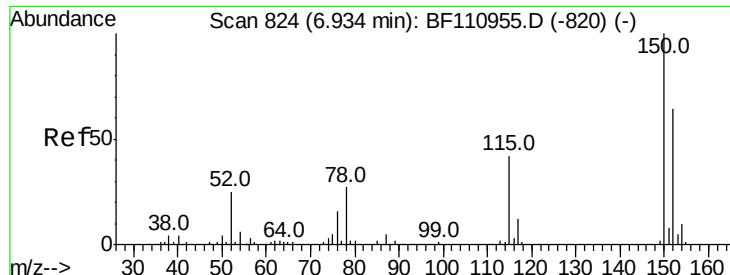
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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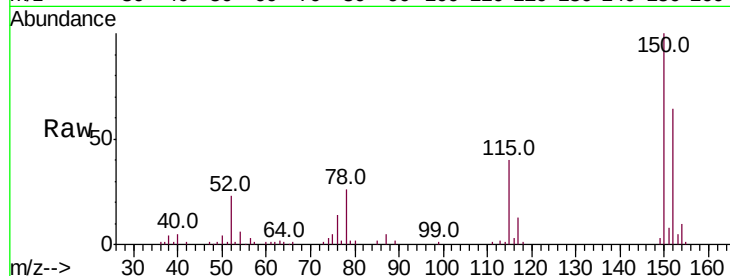


#1

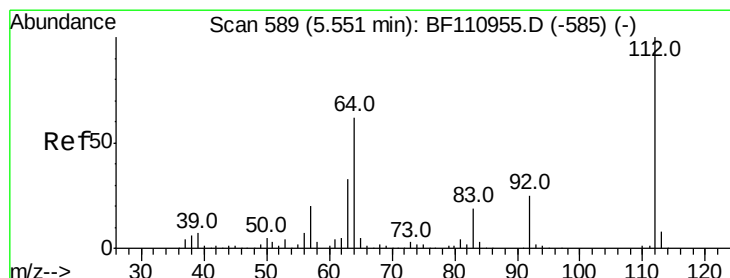
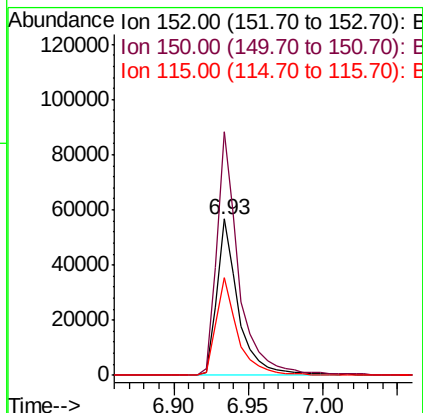
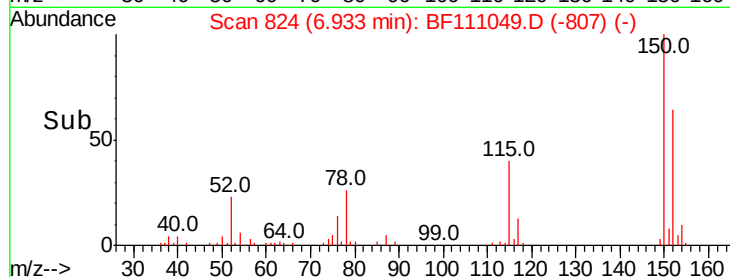
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.93 min Scan# 824  
 Delta R.T. -0.00 min  
 Lab File: BF111049.D  
 Acq: 28 Nov 2018 16:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-3

Tot Ion:152 Resp: 57505  
 Ion Ratio Lower Upper  
 152 100  
 150 155.6 122.7 184.1  
 115 62.8 49.1 73.7



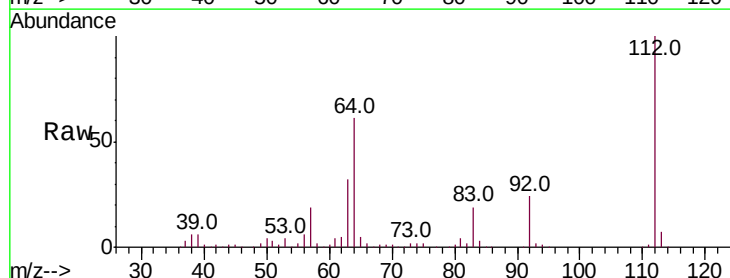
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



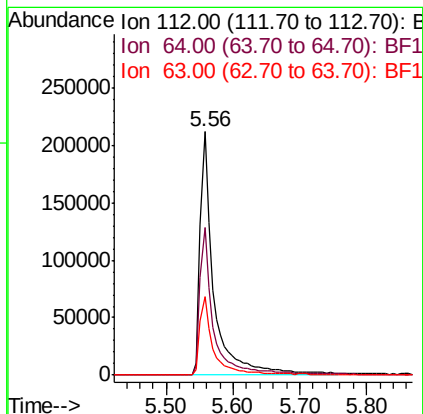
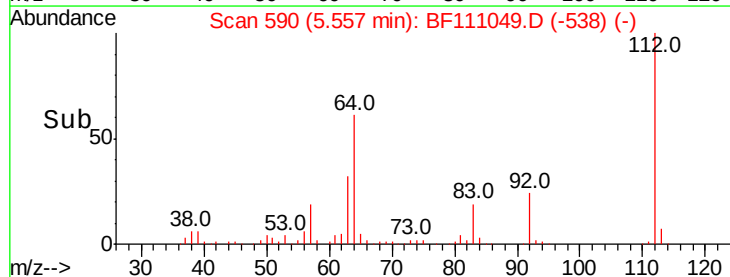
#5

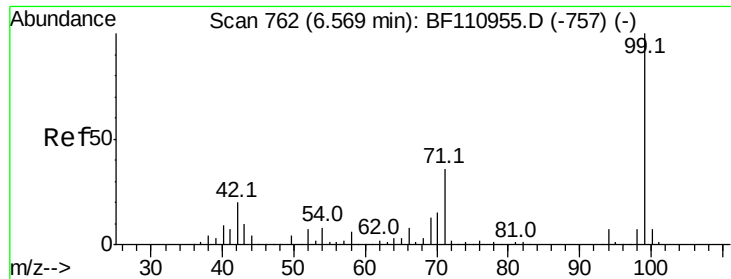
2-Fluorophenol  
 Concen: 85.572 ng  
 RT: 5.56 min Scan# 590  
 Delta R.T. 0.01 min  
 Lab File: BF111049.D  
 Acq: 28 Nov 2018 16:57

Tgt Ion:112 Resp: 296736  
 Ion Ratio Lower Upper  
 112 100  
 64 60.5 44.1 66.1  
 63 32.4 23.7 35.5



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: 85.434 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF111049.D

Acq: 28 Nov 2018 16:57

Instrument :

BNA\_F

ClientSampleId :

WC-3

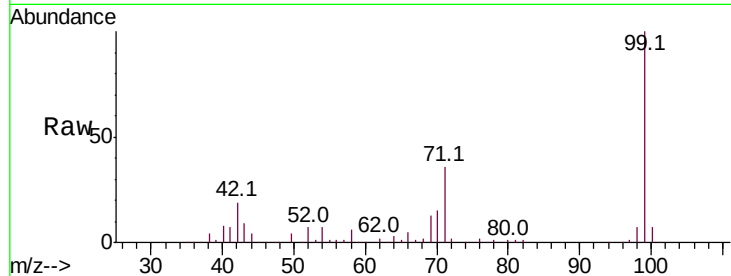
Tot Ion: 99 Resp: 386072

Ion Ratio Lower Upper

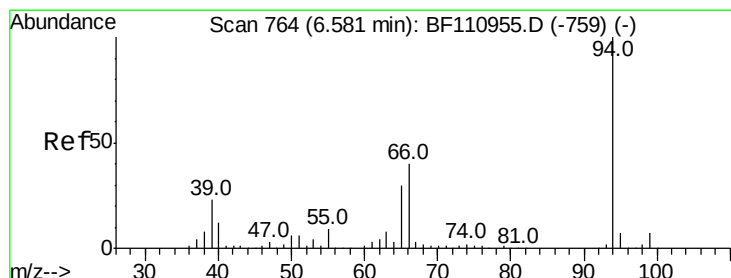
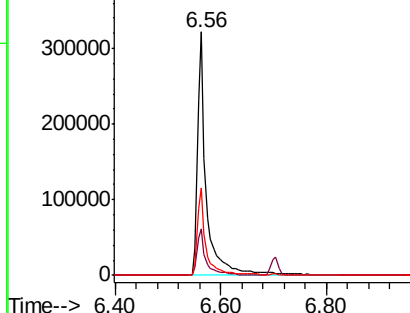
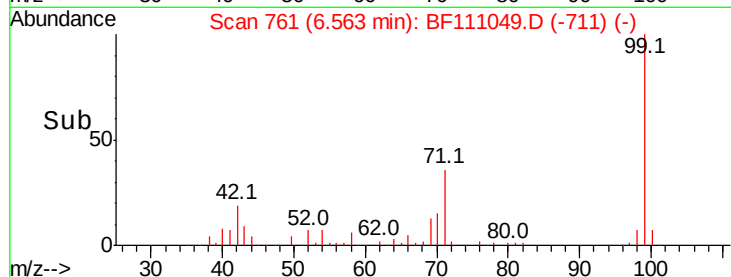
99 100

42 19.1 15.8 23.6

71 35.9 28.0 42.0



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



#10

Phenol

Concen: 3.839 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111049.D

Acq: 28 Nov 2018 16:57

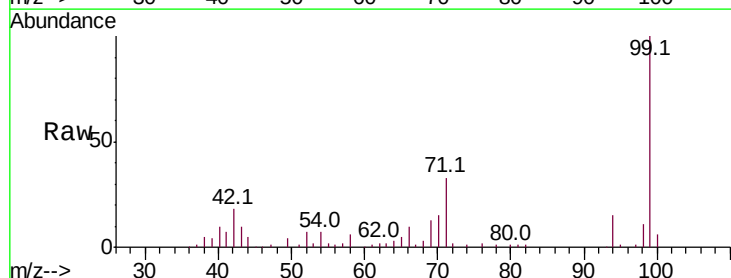
Tgt Ion: 94 Resp: 19538

Ion Ratio Lower Upper

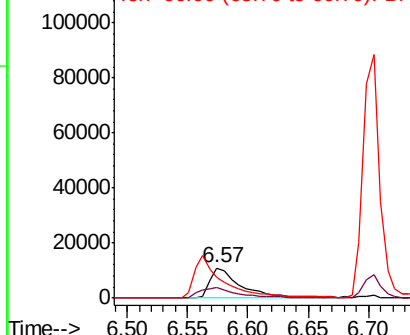
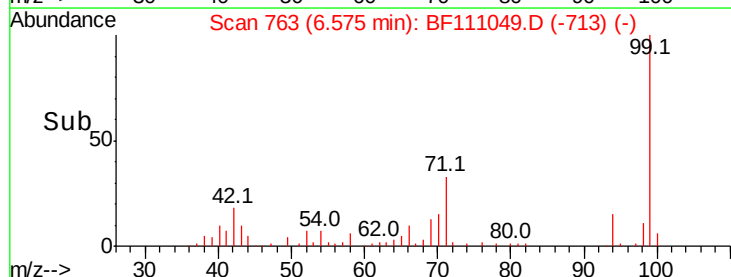
94 100

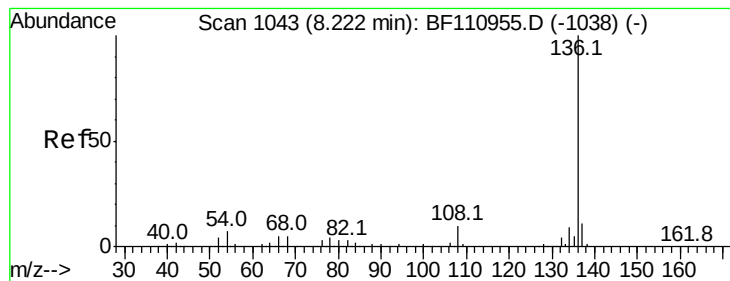
65 37.0 25.3 65.3

66 69.1 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF111049.D

Acq: 28 Nov 2018 16:57

Instrument :

BNA\_F

ClientSampleId :

WC-3

Tot Ion:136 Resp: 241515

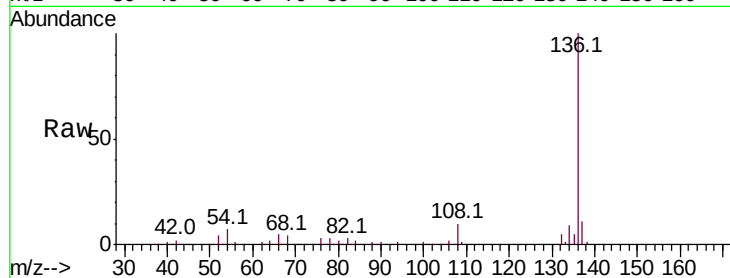
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.2 5.4 8.2

68 4.2 4.2 6.2

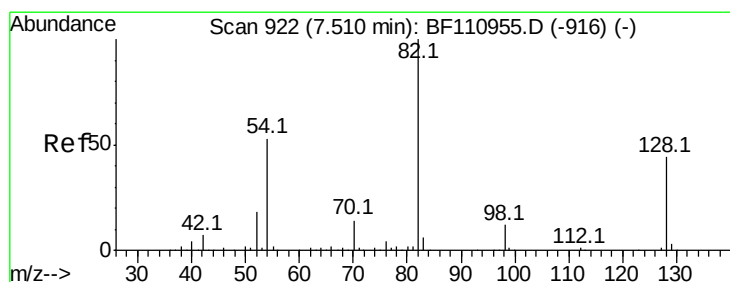
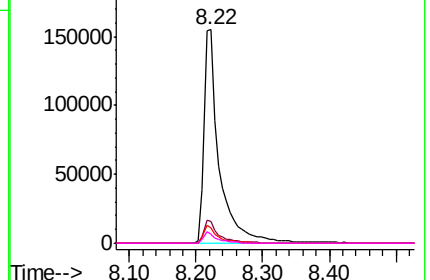
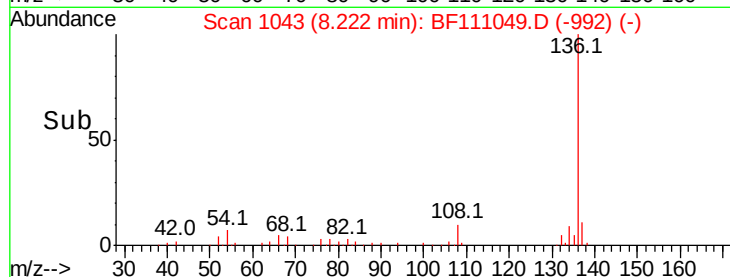


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.350 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF111049.D

Acq: 28 Nov 2018 16:57

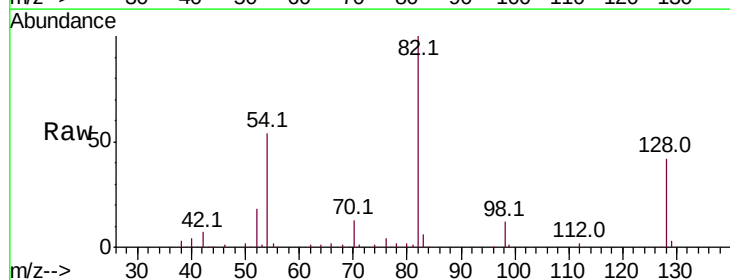
Tgt Ion: 82 Resp: 242019

Ion Ratio Lower Upper

82 100

128 42.3 34.2 51.2

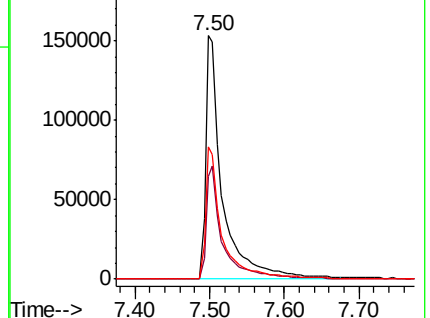
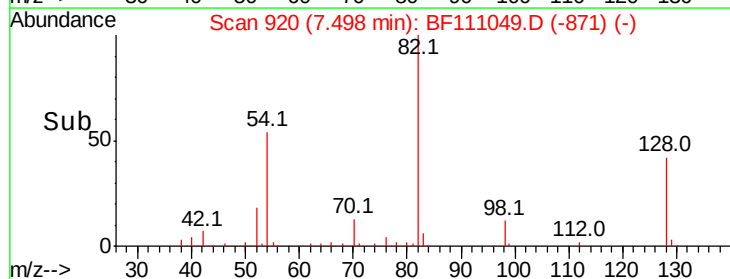
54 54.4 38.6 58.0

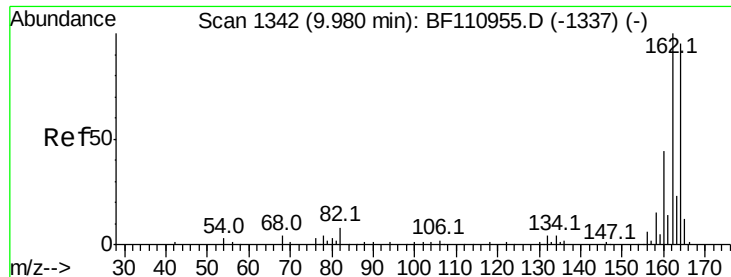


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

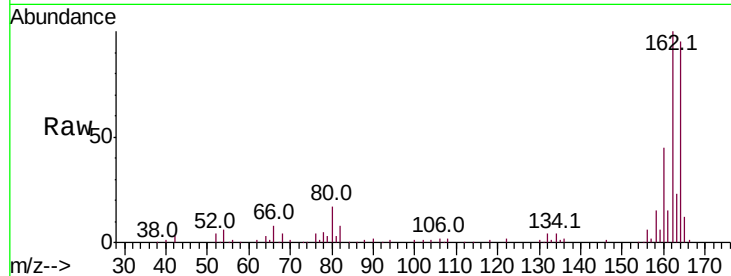




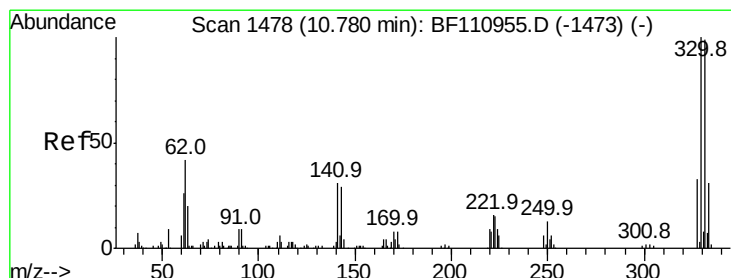
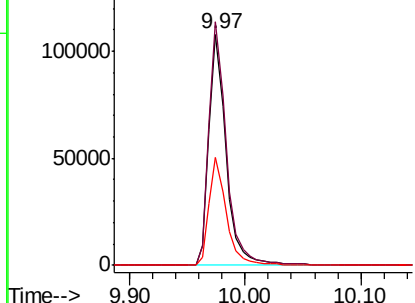
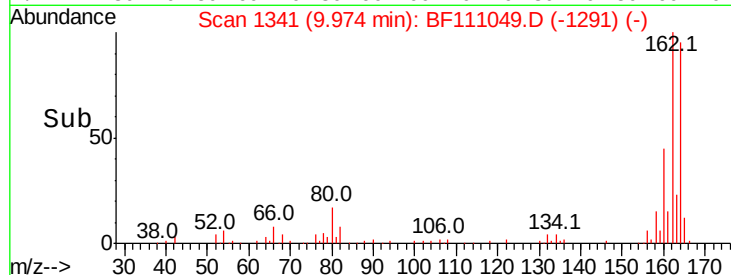
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. -0.01 min  
Lab File: BF111049.D  
Acq: 28 Nov 2018 16:57

Instrument :  
BNA\_F  
ClientSampled :  
WC-3

Tot Ion:164 Resp: 112857  
Ion Ratio Lower Upper  
164 100  
162 105.3 83.0 124.6  
160 46.9 37.0 55.6

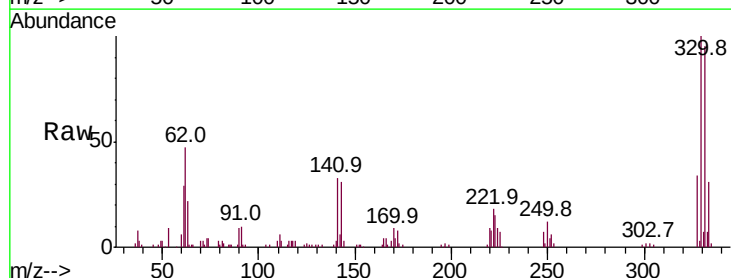


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

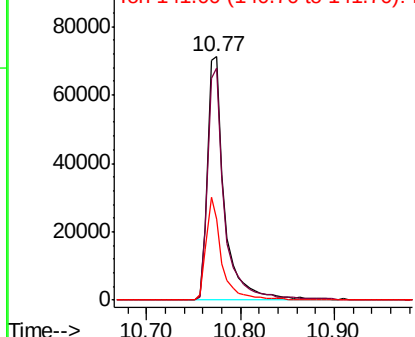
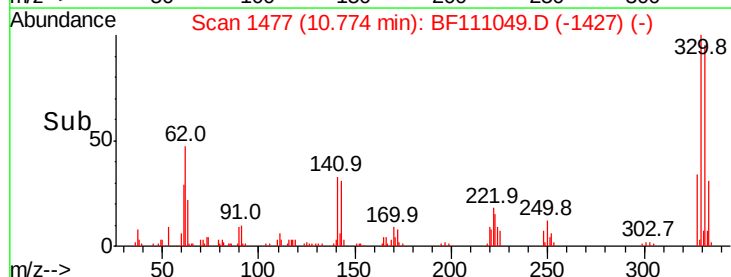


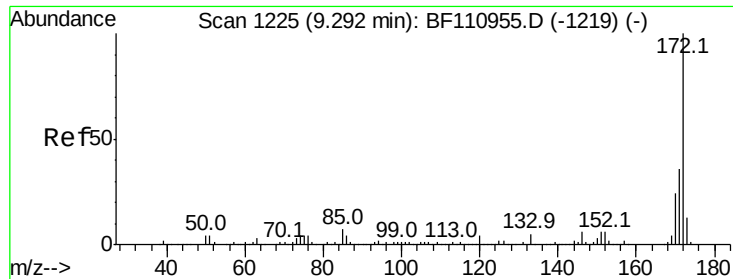
#42  
2,4,6-Tribromophenol  
Concen: 81.570 ng  
RT: 10.77 min Scan# 1477  
Delta R.T. -0.01 min  
Lab File: BF111049.D  
Acq: 28 Nov 2018 16:57

Tgt Ion:330 Resp: 91425  
Ion Ratio Lower Upper  
330 100  
332 94.7 77.1 115.7  
141 38.0 27.0 40.4



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

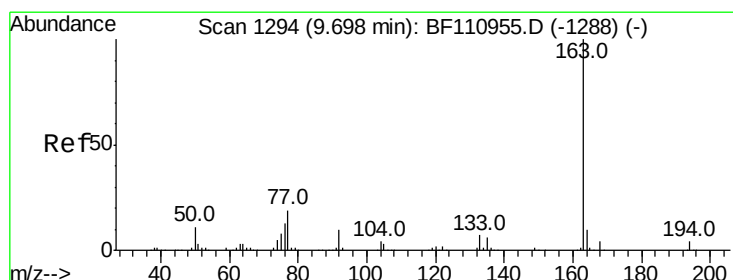
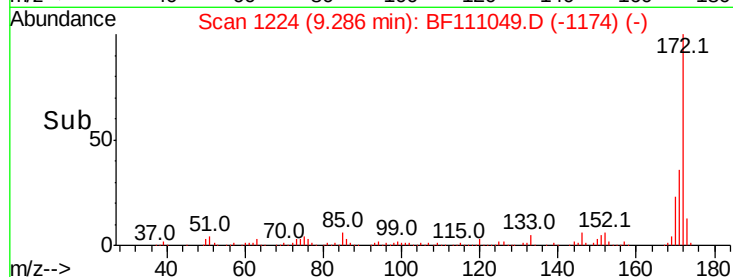
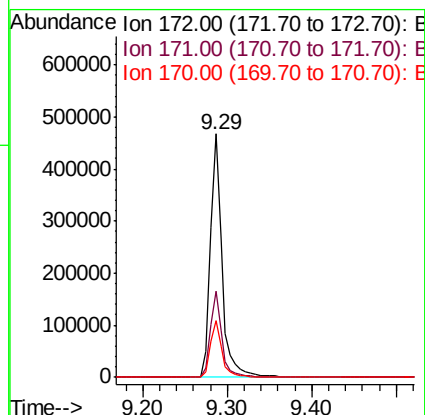
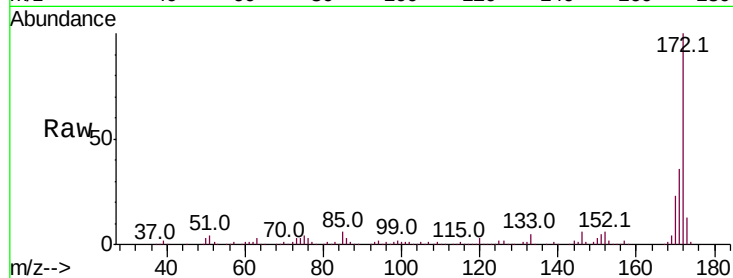




#45  
 2-Fluorobiphenyl  
 Concen: 58.475 ng  
 RT: 9.29 min Scan# 1224  
 Delta R.T. -0.01 min  
 Lab File: BF111049.D  
 Acq: 28 Nov 2018 16:57

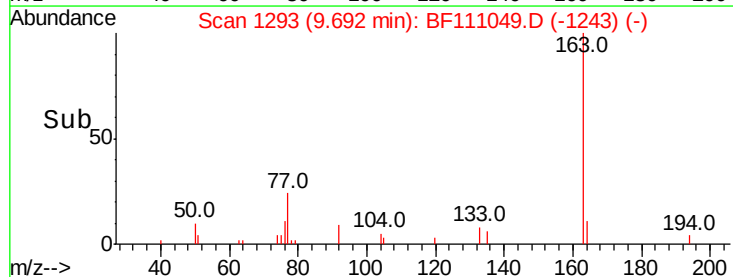
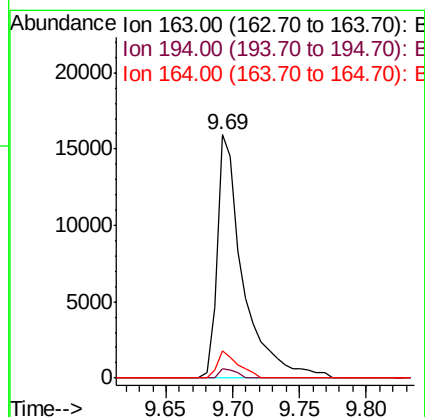
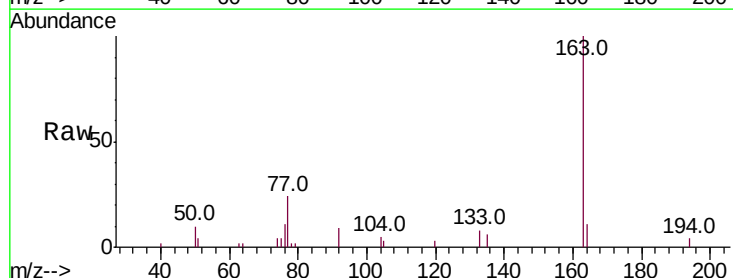
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-3

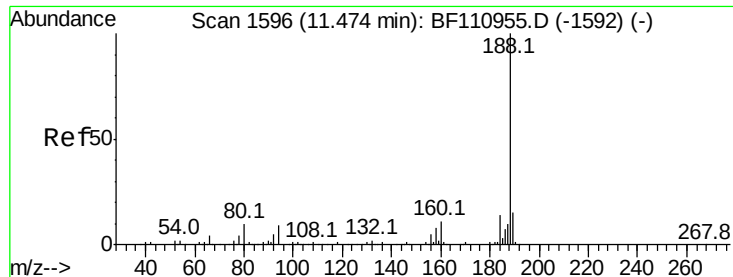
Tot Ion:172 Resp: 455511  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.6 43.0  
 170 23.4 19.7 29.5



#50  
 Dimethylphthalate  
 Concen: 2.621 ng  
 RT: 9.69 min Scan# 1293  
 Delta R.T. -0.01 min  
 Lab File: BF111049.D  
 Acq: 28 Nov 2018 16:57

Tgt Ion:163 Resp: 21690  
 Ion Ratio Lower Upper  
 163 100  
 194 4.0 3.2 4.8  
 164 11.3 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF111049.D

Acq: 28 Nov 2018 16:57

Instrument :

BNA\_F

ClientSampleId :

WC-3

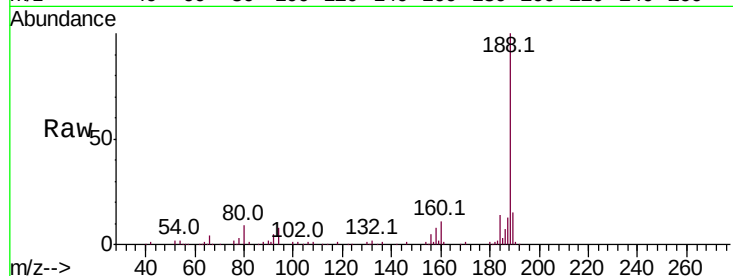
Tot Ion:188 Resp: 195449

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

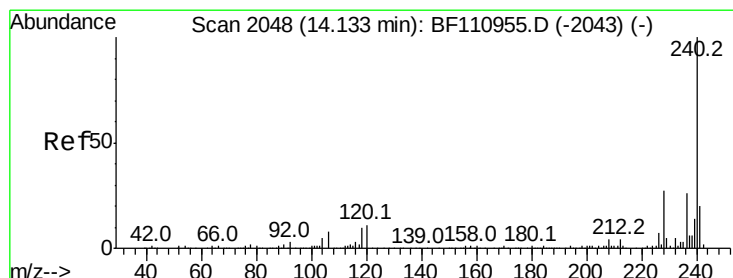
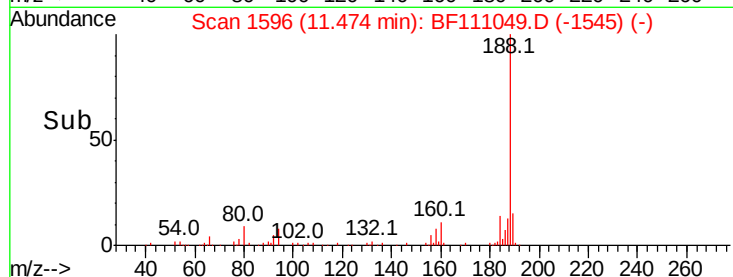
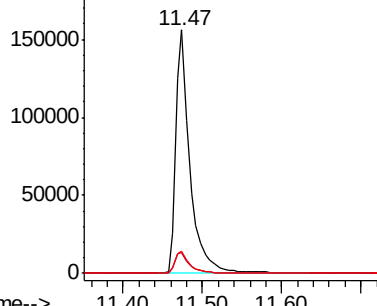
80 9.0 7.9 11.9



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: 14.13 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BF111049.D

Acq: 28 Nov 2018 16:57

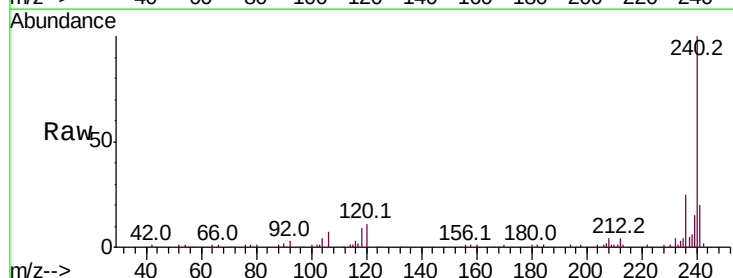
Tgt Ion:240 Resp: 113723

Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

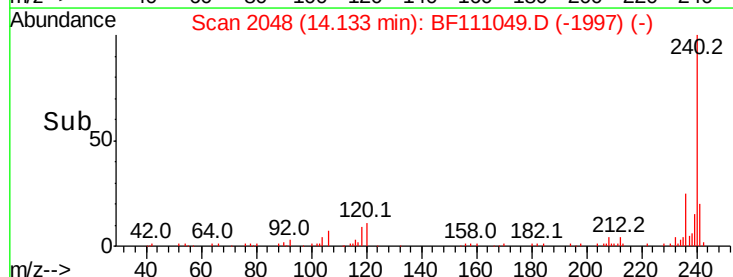
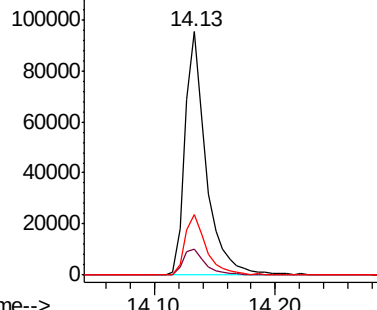
236 25.1 21.2 31.8



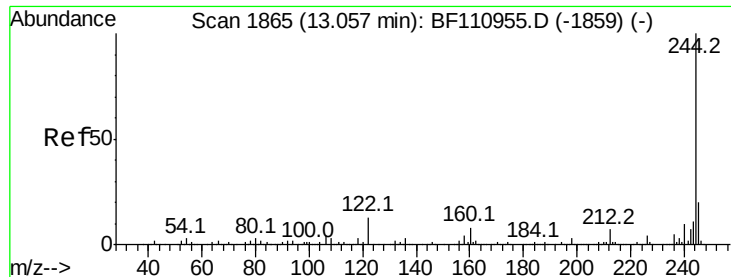
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





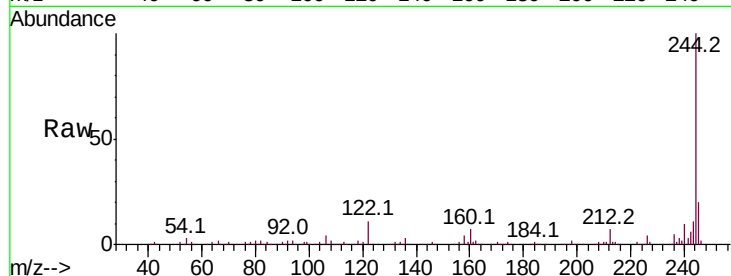


#79  
 Terphenyl-d14  
 Concen: 54.288 ng  
 RT: 13.05 min Scan# 1864  
 Delta R.T. -0.01 min  
 Lab File: BF111049.D  
 Acq: 28 Nov 2018 16:57

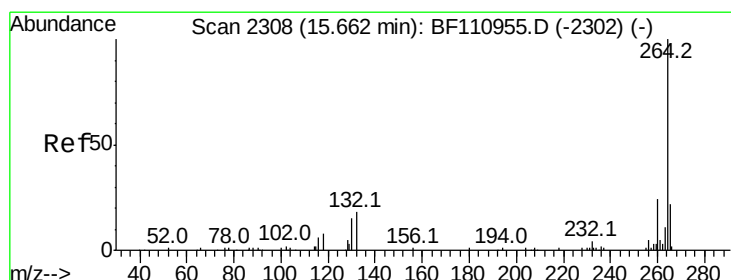
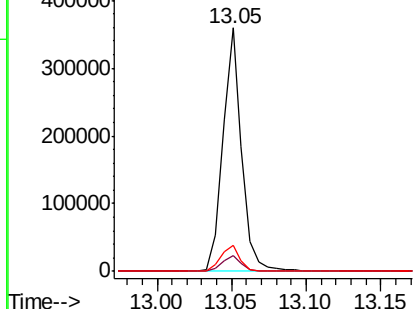
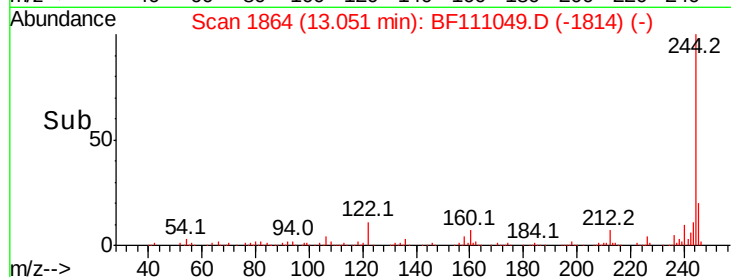
Instrument :  
 BNA\_F  
 ClientSampled :  
 WC-3

Tot Ion:244 Resp: 317149  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.7   | 5.8   | 8.8   |
| 122 | 10.8  | 8.7   | 13.1  |



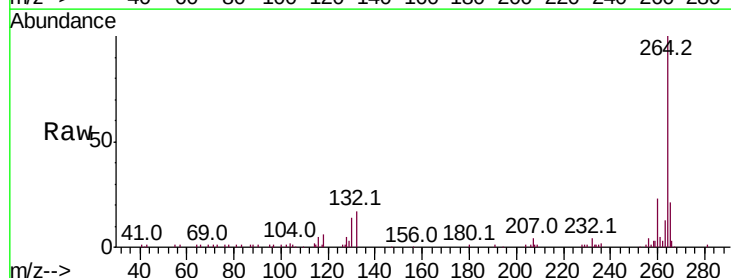
Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.67 min Scan# 2309  
 Delta R.T. -0.00 min  
 Lab File: BF111049.D  
 Acq: 28 Nov 2018 16:57

Tgt Ion:264 Resp: 116415  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.6  | 18.7  | 28.1  |
| 265 | 20.7  | 16.7  | 25.1  |



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

