

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\  
 Data File : BF109055.D  
 Acq On : 17 Sep 2018 18:24  
 Operator : JU/SJ  
 Sample : J4942-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RB32727RT

Quant Time: Sep 18 02:31:46 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 14 13:26:52 2018  
 Response via : Initial Calibration

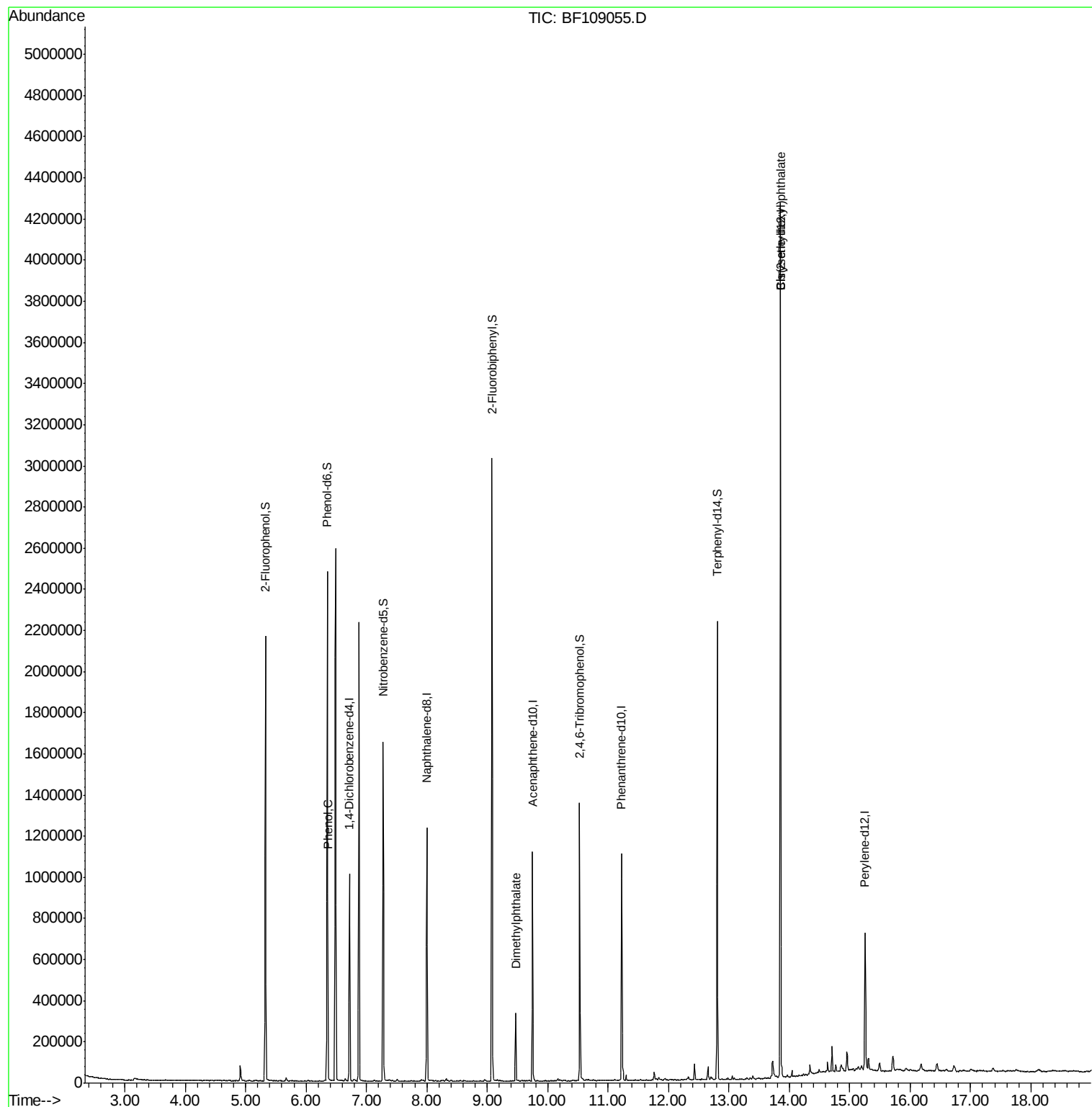
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.72  | 152  | 139578   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.00  | 136  | 496104   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10           | 9.75  | 164  | 218072   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10           | 11.22 | 188  | 397548   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12               | 13.85 | 240  | 292319   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12               | 15.26 | 264  | 297918   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.33  | 112  | 642586   | 76.46  | ng    | 0.00     |
| 7) Phenol-d6                   | 6.35  | 99   | 807781   | 74.54  | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.28  | 82   | 495880   | 56.06  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol       | 10.54 | 330  | 171450   | 72.44  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.08  | 172  | 837214   | 60.15  | ng    | 0.00     |
| 78) Terphenyl-d14              | 12.81 | 244  | 749817   | 60.80  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 10) Phenol                     | 6.37  | 94   | 30592    | 2.509  | ng    | 98       |
| 49) Dimethylphthalate          | 9.47  | 163  | 131856   | 8.460  | ng    | # 98     |
| 83) Bis(2-ethylhexyl)phthalate | 13.85 | 149  | 1004092  | 85.510 | ng    | 100      |

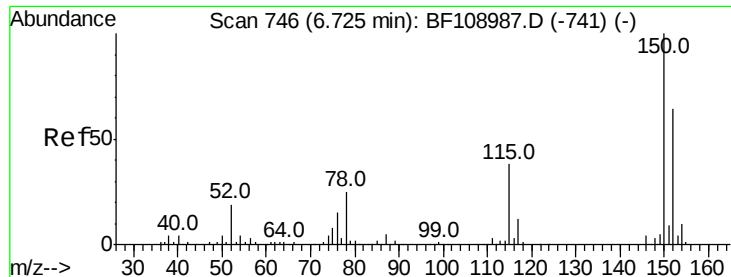
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\  
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Sample : J4942-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
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QLast Update : Fri Sep 14 13:26:52 2018  
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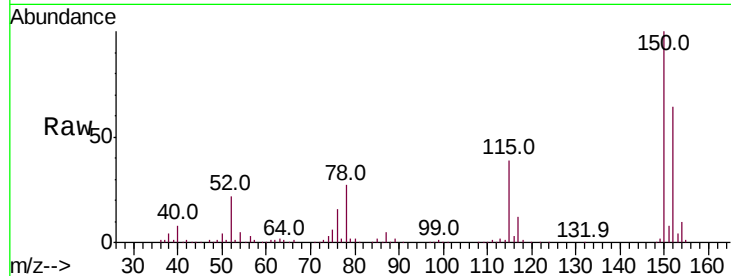


#1

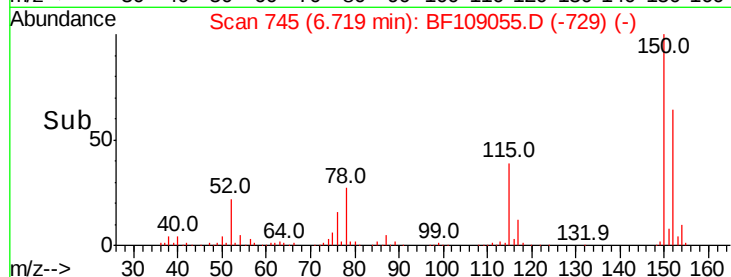
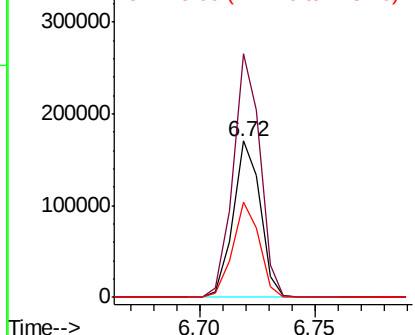
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 745  
Delta R.T. -0.01 min  
Lab File: BF109055.D  
Acq: 17 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
RB32727RT

Tot Ion:152 Resp: 139578  
Ion Ratio Lower Upper  
152 100  
150 155.7 124.6 186.8  
115 60.5 50.1 75.1



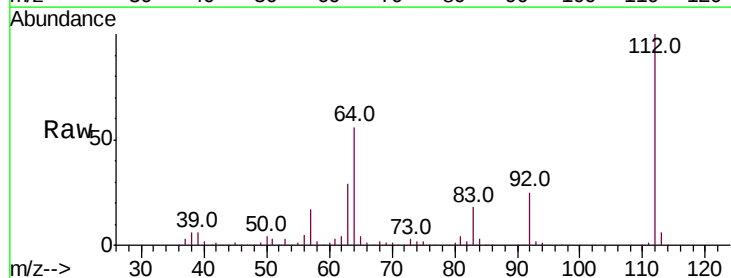
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



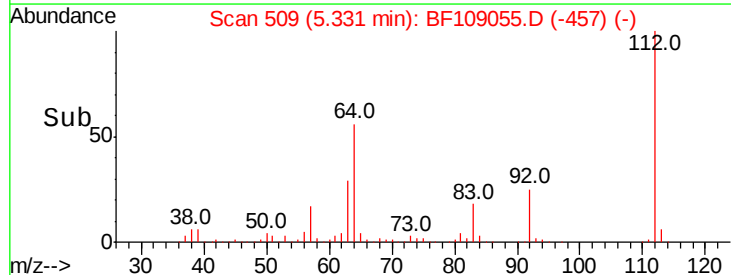
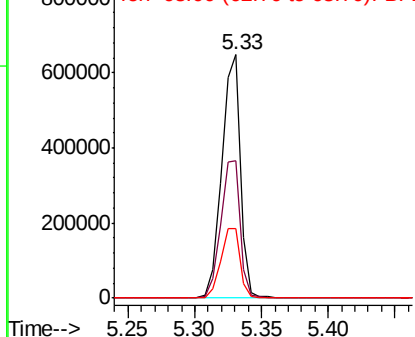
#5

2-Fluorophenol  
Concen: 76.463 ng  
RT: 5.33 min Scan# 509  
Delta R.T. 0.01 min  
Lab File: BF109055.D  
Acq: 17 Sep 2018 18:24

Tgt Ion:112 Resp: 642586  
Ion Ratio Lower Upper  
112 100  
64 56.3 47.9 71.9  
63 28.7 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: 74.544 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109055.D

Acq: 17 Sep 2018 18:24

Instrument :

BNA\_F

ClientSampleId :

RB32727RT

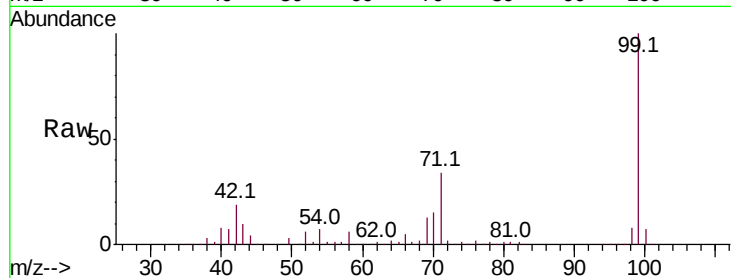
Tot Ion: 99 Resp: 807781

Ion Ratio Lower Upper

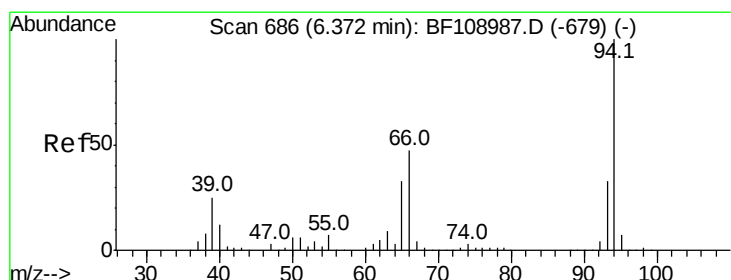
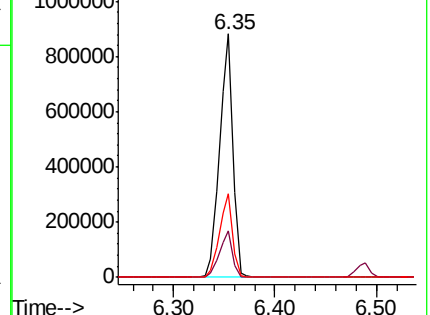
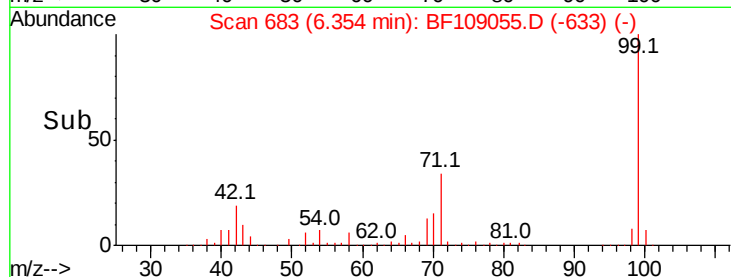
99 100

42 19.1 14.5 21.7

71 34.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1  
1200000  
Ion 42.00 (41.70 to 42.70): BF1  
1000000  
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.509 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF109055.D

Acq: 17 Sep 2018 18:24

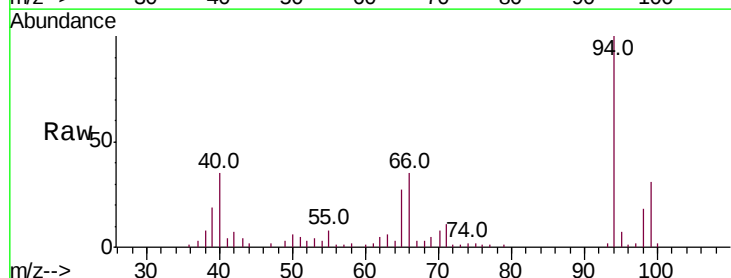
Tgt Ion: 94 Resp: 30592

Ion Ratio Lower Upper

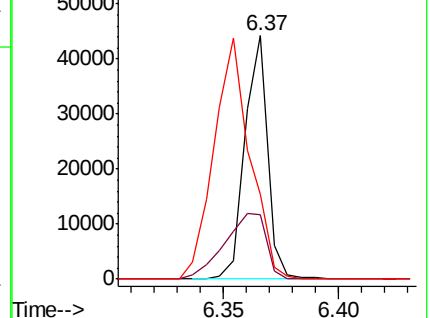
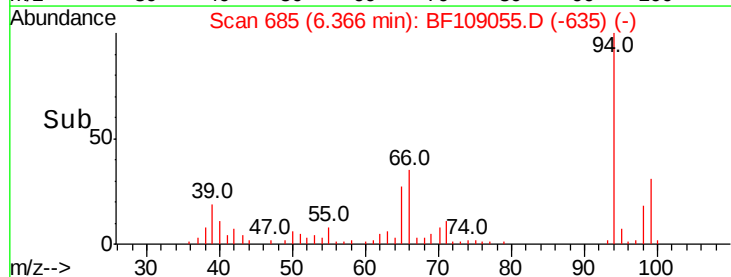
94 100

65 26.6 7.9 47.9

66 34.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1  
60000  
Ion 65.00 (64.70 to 65.70): BF1  
50000  
Ion 66.00 (65.70 to 66.70): BF1

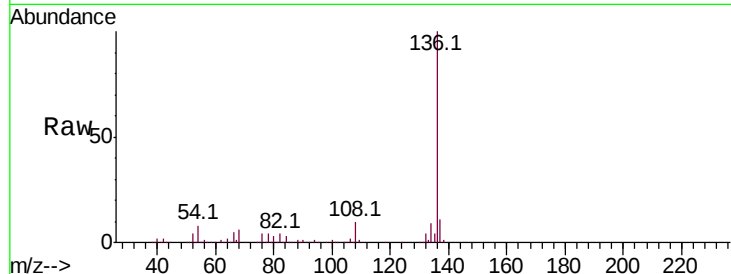




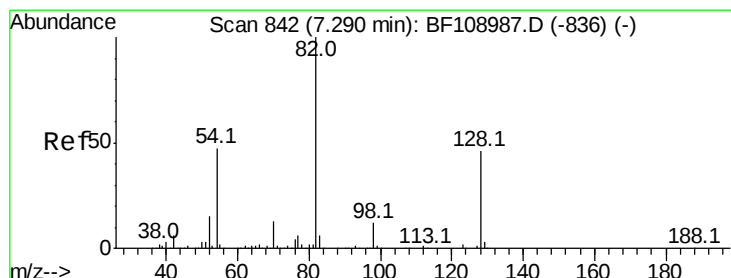
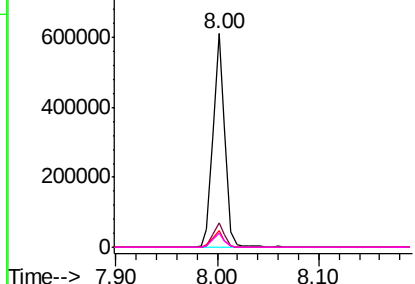
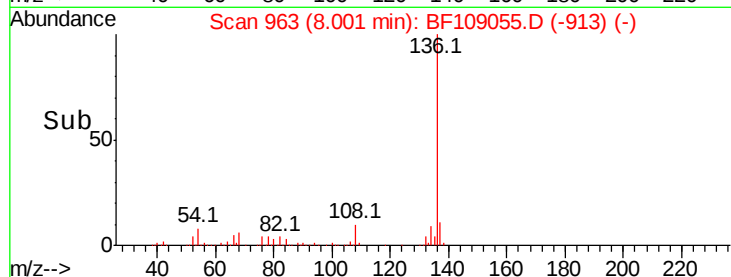
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.00 min Scan# 963  
Delta R.T. -0.01 min  
Lab File: BF109055.D  
Acq: 17 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
RB32727RT

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 496104      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.1  | 8.9 13.3    |
| 54          | 7.7   | 6.6 9.8     |
| 68          | 6.3   | 5.0 7.4     |

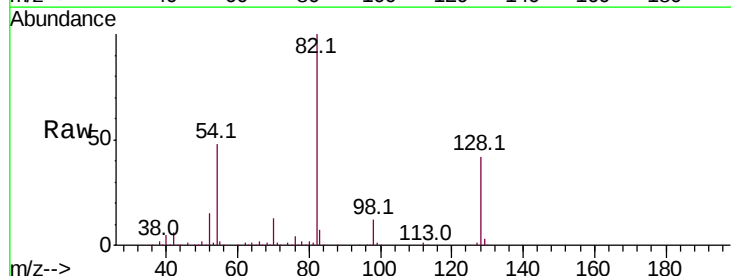


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

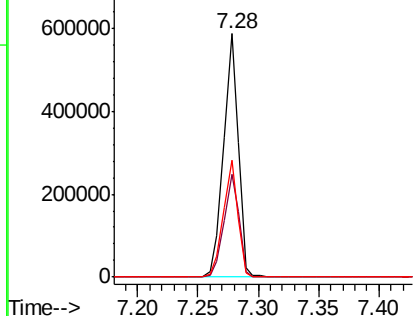
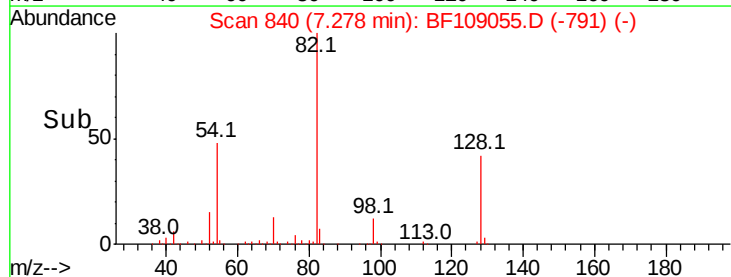


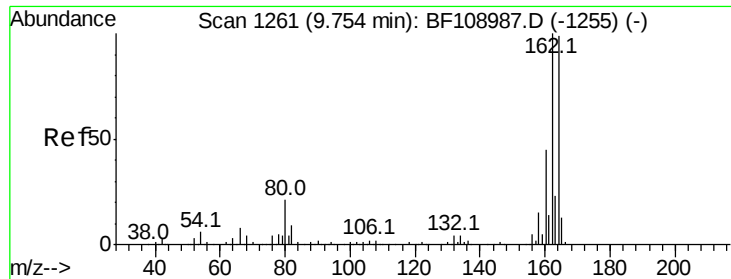
#23  
Nitrobenzene-d5  
Concen: 56.063 ng  
RT: 7.28 min Scan# 840  
Delta R.T. -0.01 min  
Lab File: BF109055.D  
Acq: 17 Sep 2018 18:24

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 495880      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 42.2  | 36.1 54.1   |
| 54          | 47.9  | 41.4 62.2   |



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

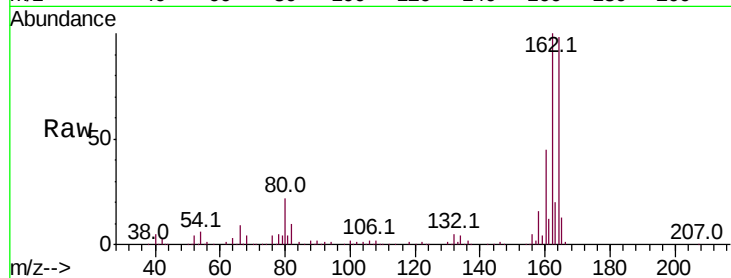




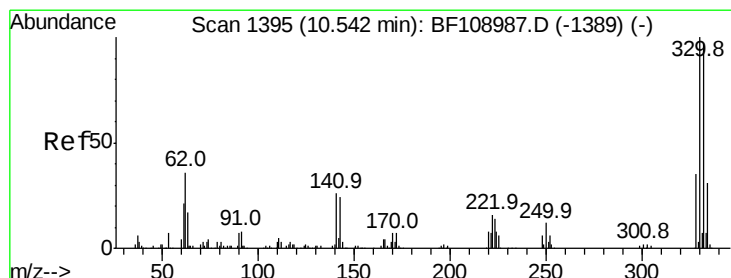
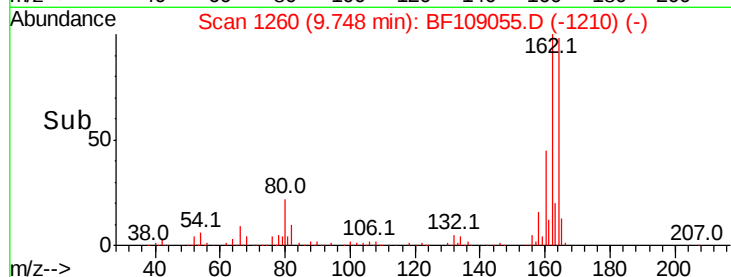
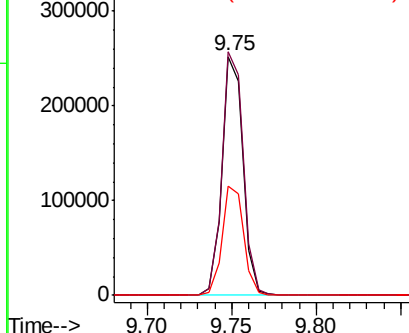
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.75 min Scan# 1260  
 Delta R.T. -0.01 min  
 Lab File: BF109055.D  
 Acq: 17 Sep 2018 18:24

Instrument :  
 BNA\_F  
 ClientSampleID :  
 RB32727RT

Tot Ion:164 Resp: 218072  
 Ion Ratio Lower Upper  
 164 100  
 162 102.0 86.1 129.1  
 160 45.7 38.3 57.5

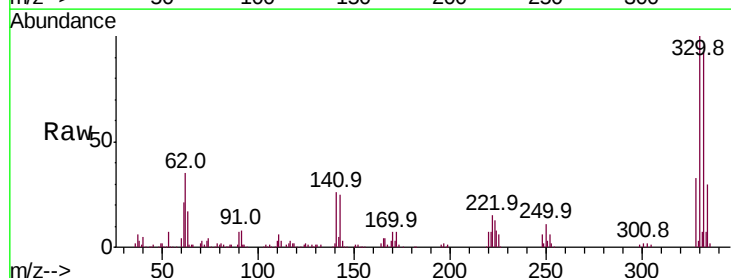


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

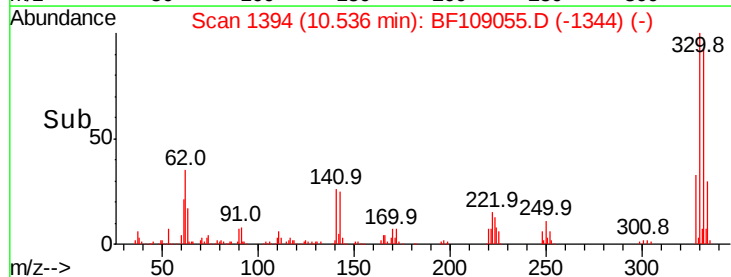
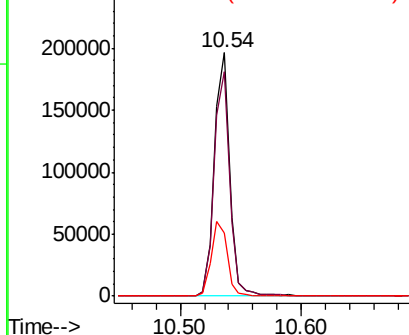


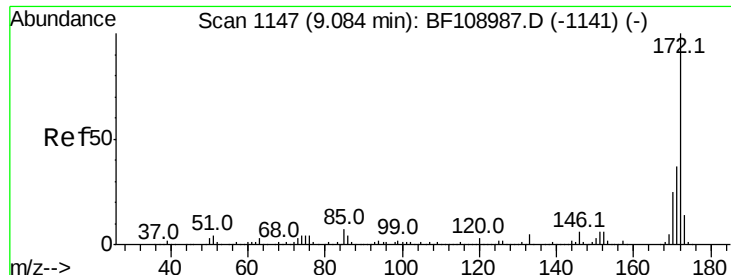
#41  
 2,4,6-Tribromophenol  
 Concen: 72.444 ng  
 RT: 10.54 min Scan# 1394  
 Delta R.T. -0.01 min  
 Lab File: BF109055.D  
 Acq: 17 Sep 2018 18:24

Tgt Ion:330 Resp: 171450  
 Ion Ratio Lower Upper  
 330 100  
 332 94.2 77.0 115.6  
 141 32.3 29.9 44.9



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





#44

2-Fluorobiphenyl

Concen: 60.149 ng

RT: 9.08 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF109055.D

Acq: 17 Sep 2018 18:24

Instrument :

BNA\_F

ClientSampleId :

RB32727RT

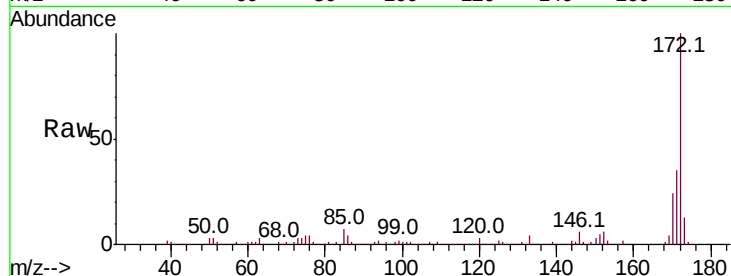
Tot Ion:172 Resp: 837214

Ion Ratio Lower Upper

172 100

171 35.0 29.7 44.5

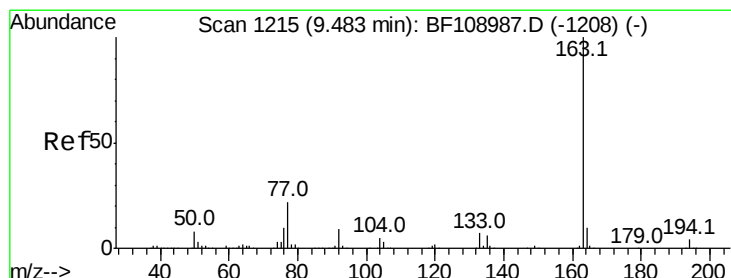
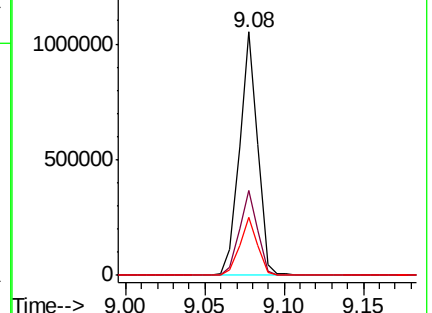
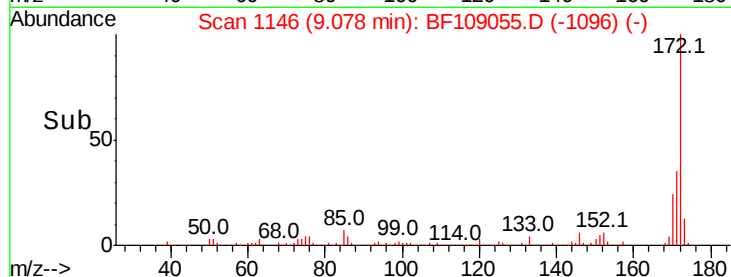
170 23.7 19.6 29.4



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



#49

Dimethylphthalate

Concen: 8.460 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109055.D

Acq: 17 Sep 2018 18:24

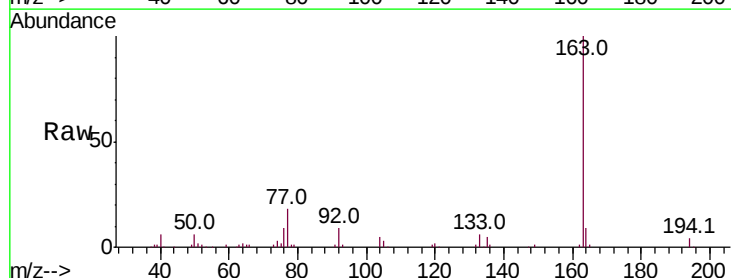
Tgt Ion:163 Resp: 131856

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

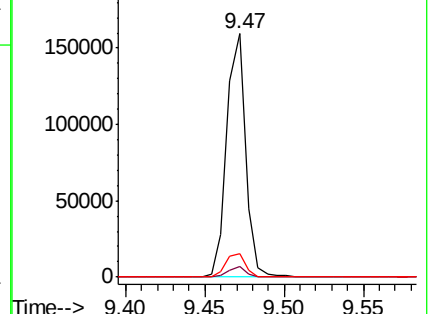
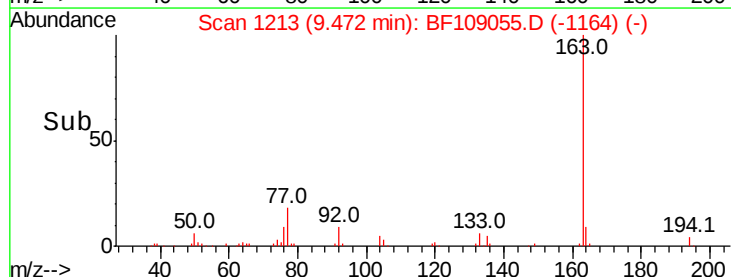
164 9.4 8.2 12.2

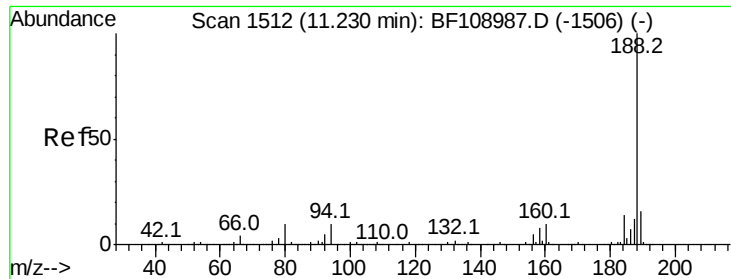


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

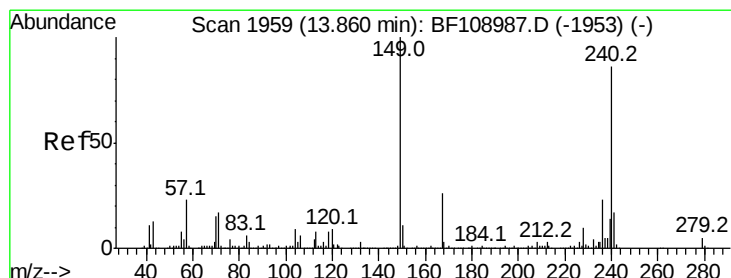
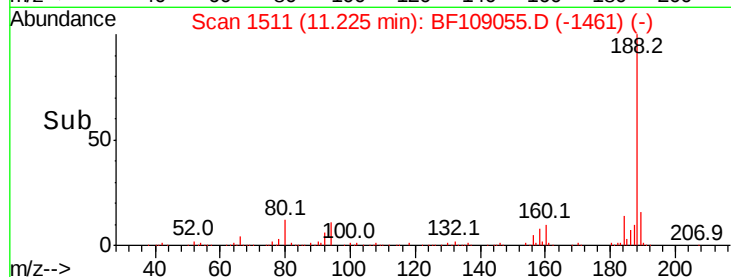
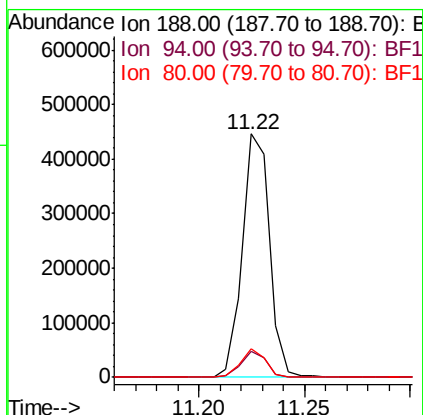
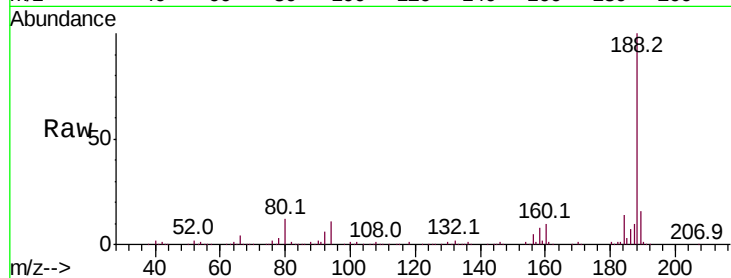




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.22 min Scan# 1511  
Delta R.T. -0.01 min  
Lab File: BF109055.D  
Acq: 17 Sep 2018 18:24

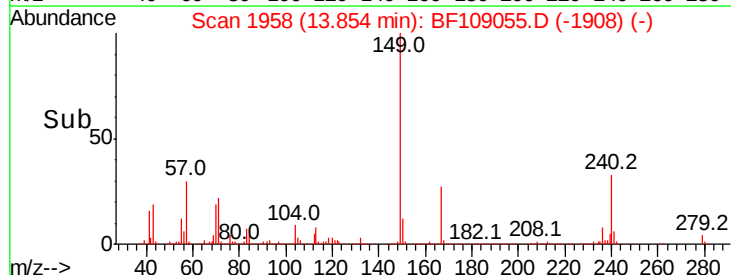
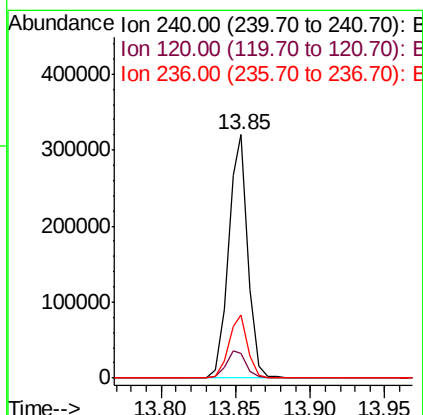
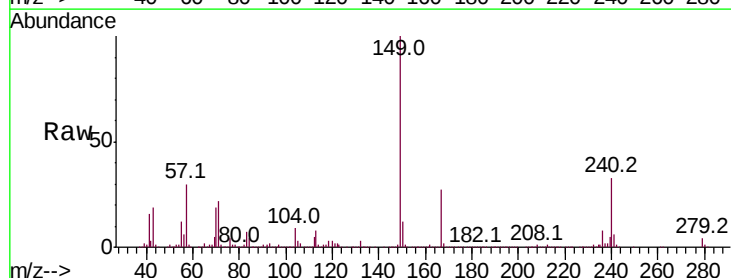
Instrument :  
BNA\_F  
ClientSampleId :  
RB32727RT

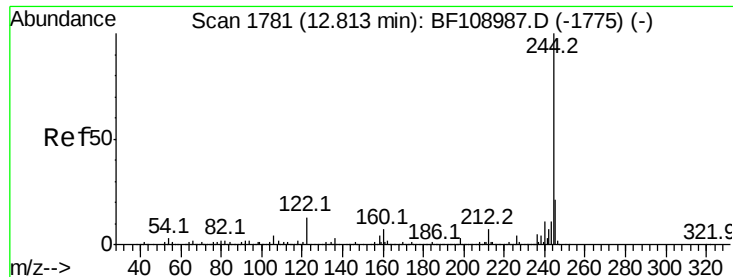
Tot Ion:188 Resp: 397548  
Ion Ratio Lower Upper  
188 100  
94 10.9 8.5 12.7  
80 11.9 9.2 13.8



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.85 min Scan# 1958  
Delta R.T. -0.01 min  
Lab File: BF109055.D  
Acq: 17 Sep 2018 18:24

Tgt Ion:240 Resp: 292319  
Ion Ratio Lower Upper  
240 100  
120 9.9 9.5 14.3  
236 25.8 20.7 31.1

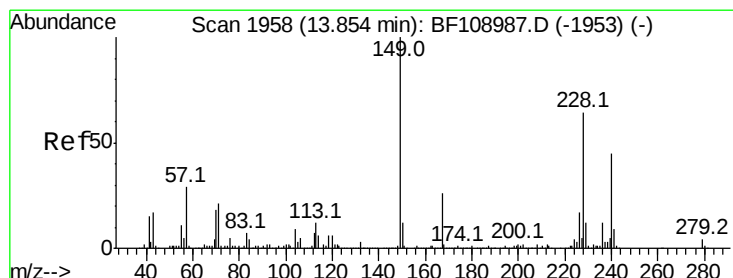
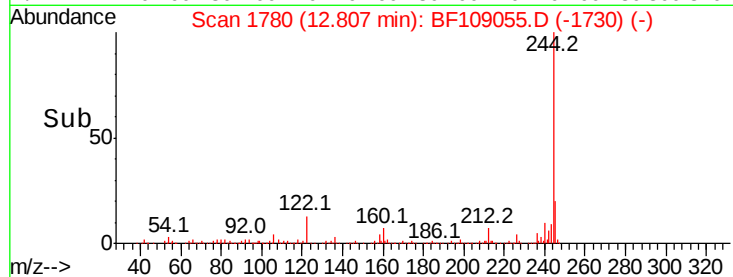
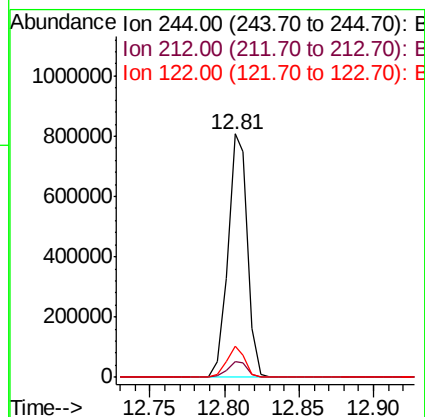
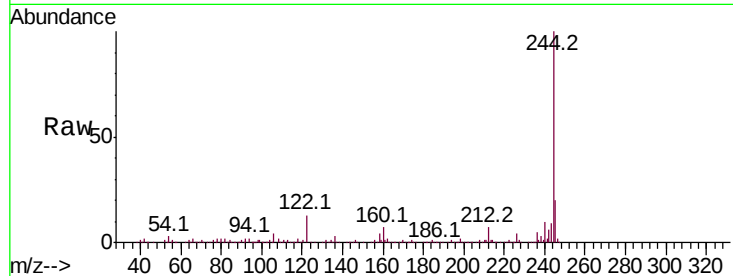




#78  
 Terphenyl-d14  
 Concen: 60.799 ng  
 RT: 12.81 min Scan# 1780  
 Delta R.T. -0.01 min  
 Lab File: BF109055.D  
 Acq: 17 Sep 2018 18:24

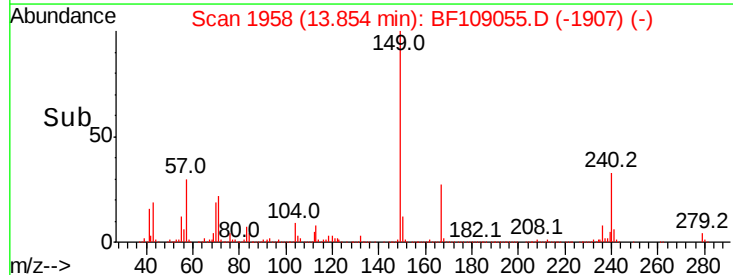
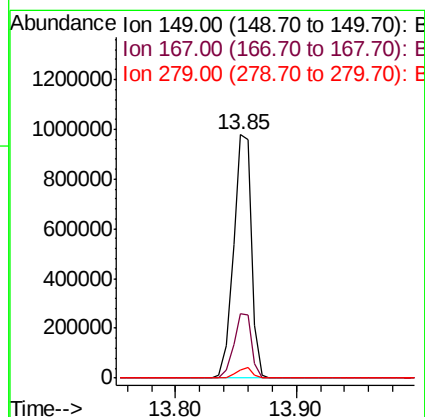
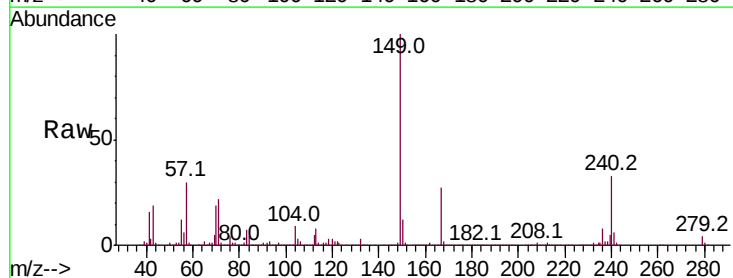
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RB32727RT

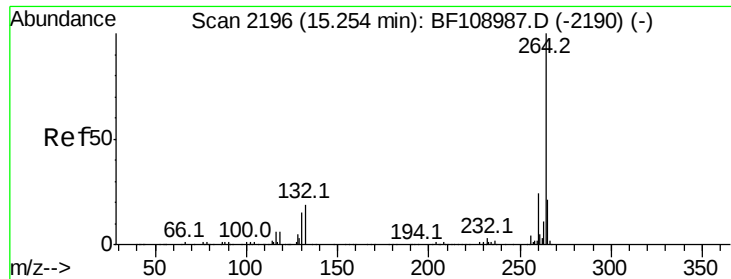
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.7   | 5.4   | 8.0   |
| 122     | 13.0  | 11.0  | 16.4  |



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 85.510 ng  
 RT: 13.85 min Scan# 1958  
 Delta R.T. 0.00 min  
 Lab File: BF109055.D  
 Acq: 17 Sep 2018 18:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.5  | 21.3  | 31.9  |
| 279     | 3.5   | 3.0   | 4.4   |

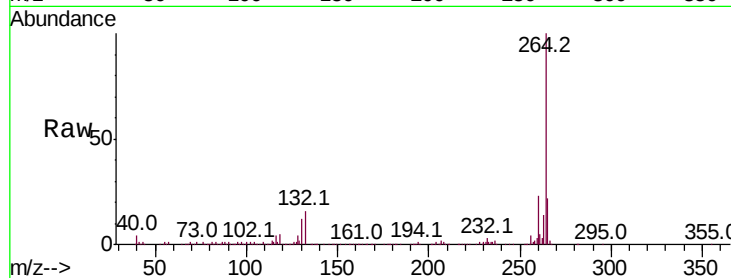




#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.26 min Scan# 2197  
Delta R.T. 0.01 min  
Lab File: BF109055.D  
Acq: 17 Sep 2018 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
RB32727RT

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 19.2  | 28.8  |
| 265     | 21.7  | 17.5  | 26.3  |



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

