

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\  
 Data File : BF119642.D  
 Acq On : 30 Mar 2020 19:26  
 Operator : MA/SJ  
 Sample : L2028-02 10X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-31-(5.5-6)RE

Quant Time: Mar 31 01:25:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 27 07:52:09 2020  
 Response via : Initial Calibration

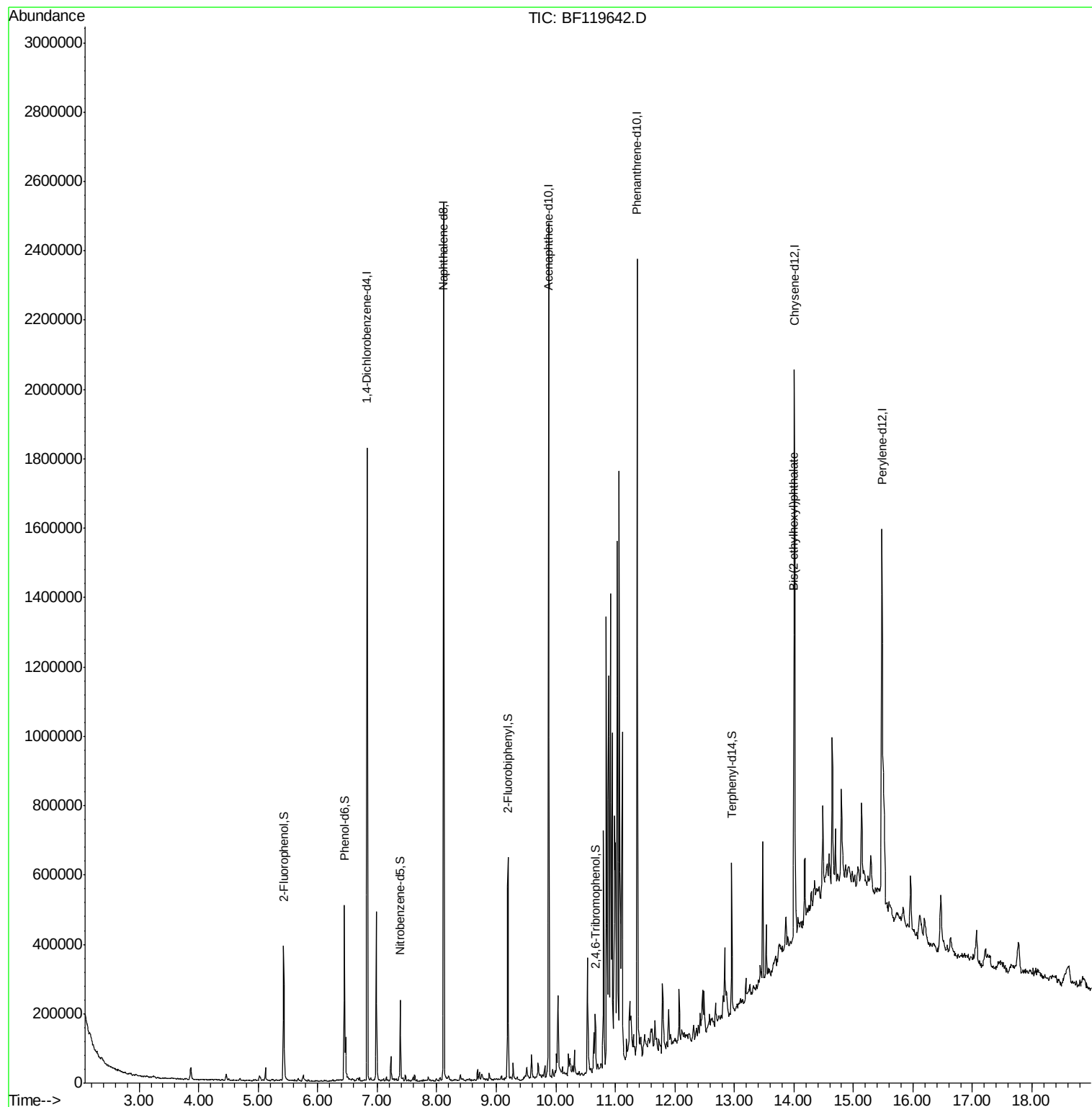
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|--------------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.83  | 152  | 287380   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8             | 8.12  | 136  | 1037980  | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10           | 9.88  | 164  | 462551   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10           | 11.37 | 188  | 726884   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12               | 14.01 | 240  | 523035   | 20.00 | ng    | 0.00      |
| 87) Perylene-d12               | 15.48 | 264  | 465299   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds    |       |      |          |       |       |           |
| 5) 2-Fluorophenol              | 5.43  | 112  | 106422   | 5.90  | ng    | -0.01     |
| 7) Phenol-d6                   | 6.45  | 99   | 149097   | 6.47  | ng    | -0.02     |
| 23) Nitrobenzene-d5            | 7.39  | 82   | 61371    | 3.21  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol       | 10.67 | 330  | 16908    | 3.54  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl           | 9.20  | 172  | 193043   | 6.18  | ng    | 0.00      |
| 79) Terphenyl-d14              | 12.96 | 244  | 148352   | 5.56  | ng    | 0.00      |
| Target Compounds               |       |      |          |       |       |           |
| 84) Bis(2-ethylhexyl)phthalate | 14.00 | 149  | 83741    | 4.046 | ng    | Qvalue 98 |

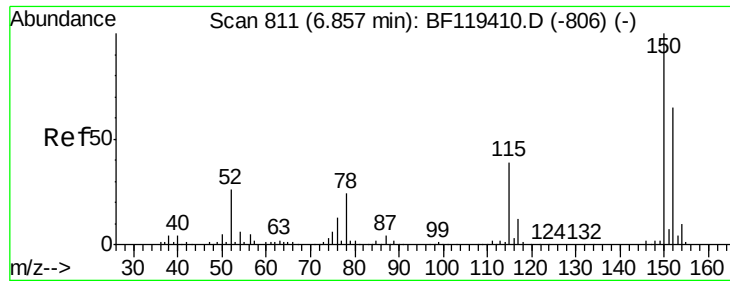
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\  
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-31-(5.5-6)RE

Quant Time: Mar 31 01:25:13 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 27 07:52:09 2020  
Response via : Initial Calibration

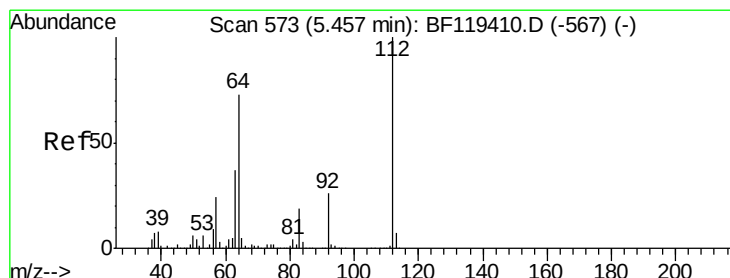
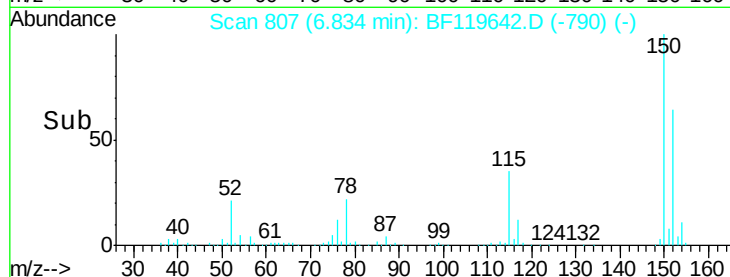
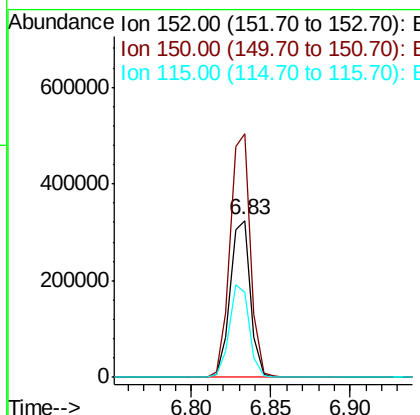
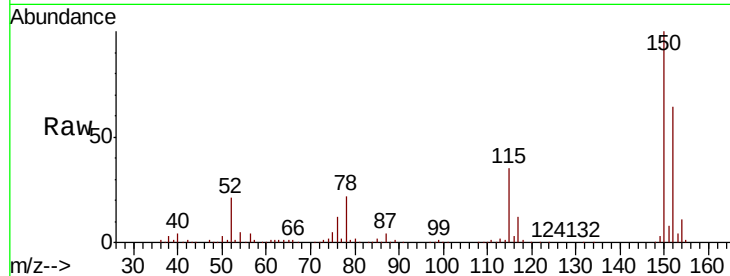




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.83 min Scan# 807  
 Delta R.T. -0.00 min  
 Lab File: BF119642.D  
 Acq: 30 Mar 2020 19:26

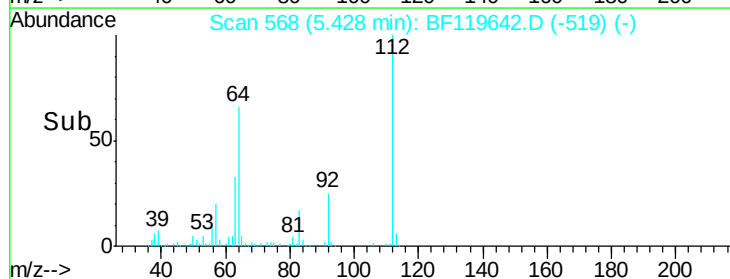
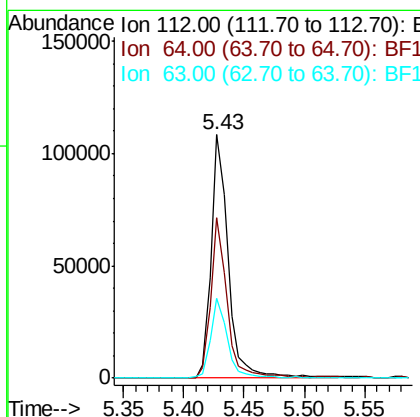
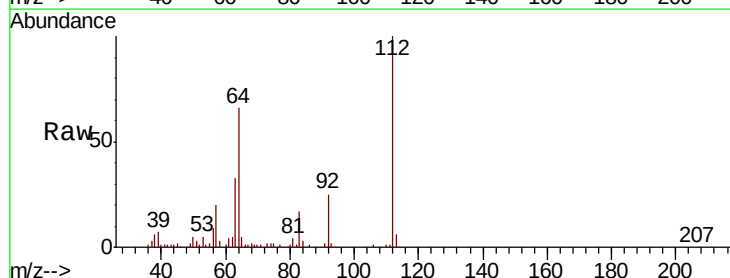
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-31-(5.5-6)RE

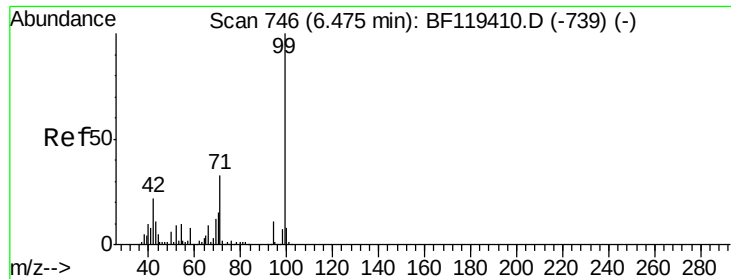
Tot Ion:152 Resp: 287380  
 Ion Ratio Lower Upper  
 152 100  
 150 155.3 124.5 186.7  
 115 54.3 49.6 74.4



#5  
 2-Fluorophenol  
 Concen: 5.895 ng  
 RT: 5.43 min Scan# 568  
 Delta R.T. -0.01 min  
 Lab File: BF119642.D  
 Acq: 30 Mar 2020 19:26

Tgt Ion:112 Resp: 106422  
 Ion Ratio Lower Upper  
 112 100  
 64 66.1 56.7 85.1  
 63 32.8 29.5 44.3





#7

Phenol-d6

Concen: 6.465 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF119642.D

Acq: 30 Mar 2020 19:26

Instrument :

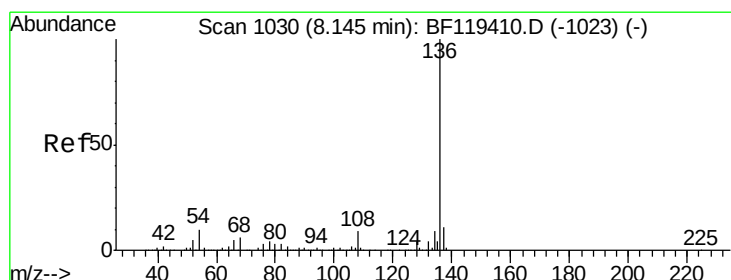
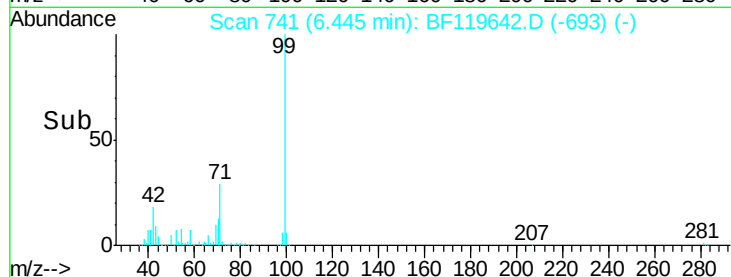
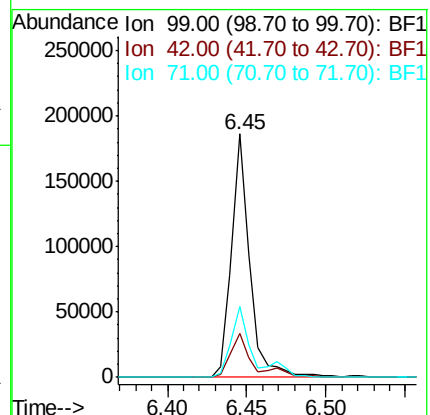
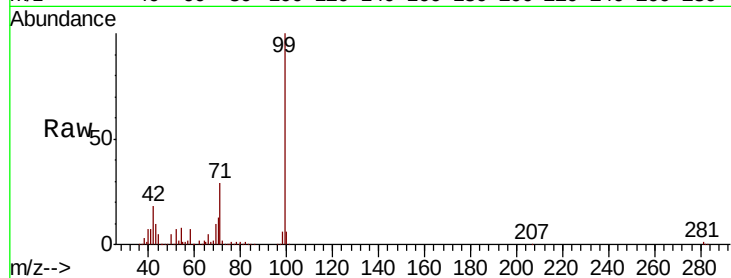
BNA\_F

ClientSampleId :

SB-31-(5.5-6)RE

Tot Ion: 99 Resp: 149097

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.3  | 16.6  | 24.8  |
| 71  | 28.9  | 26.4  | 39.6  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

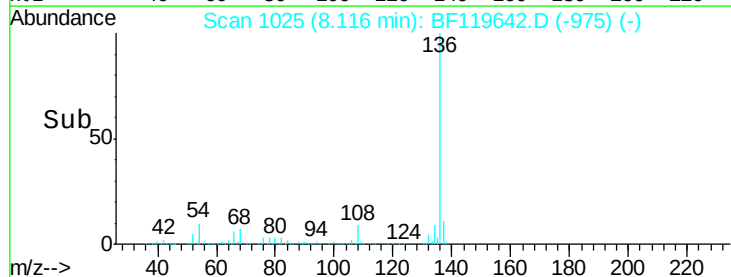
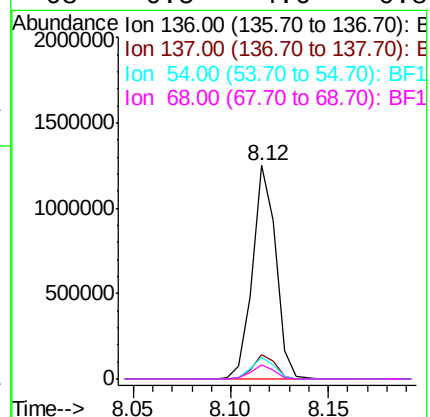
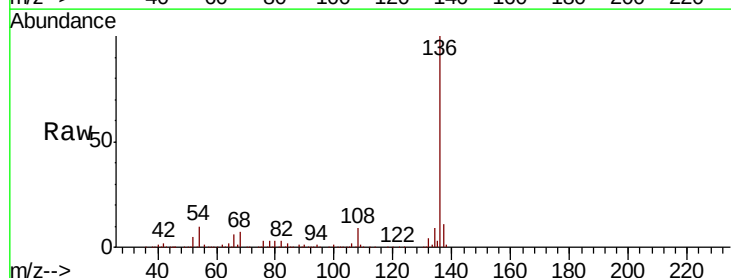
Delta R.T. -0.01 min

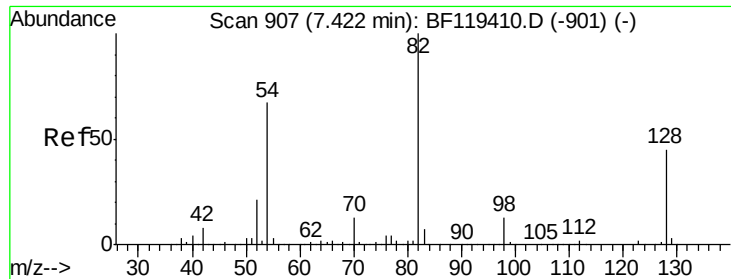
Lab File: BF119642.D

Acq: 30 Mar 2020 19:26

Tgt Ion: 136 Resp: 1037980

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.7   | 13.1  |
| 54  | 10.5  | 9.1   | 13.7  |
| 68  | 6.5   | 4.6   | 6.8   |

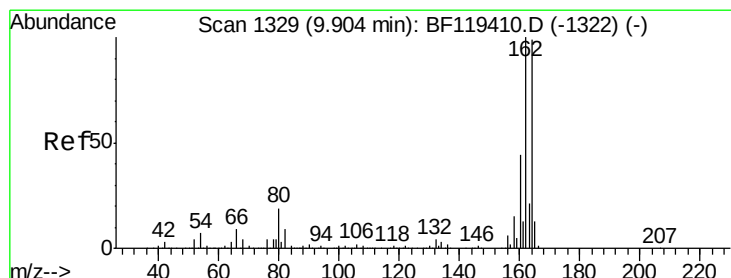
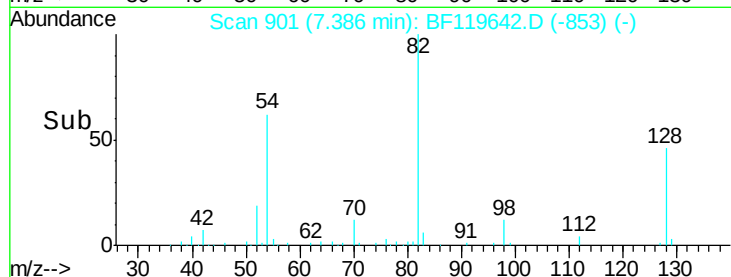
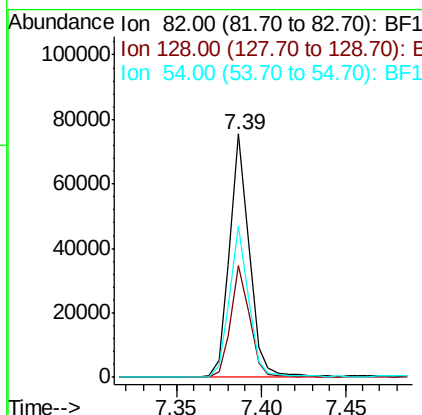
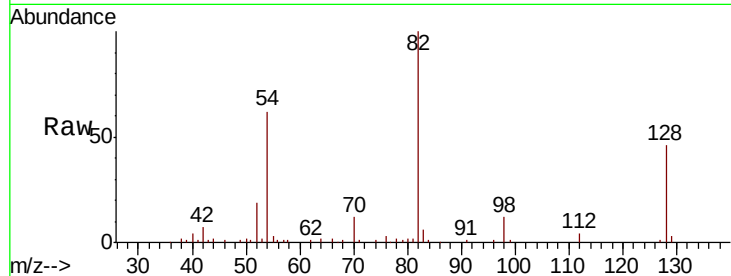




#23  
Nitrobenzene-d5  
Concen: 3.213 ng  
RT: 7.39 min Scan# 901  
Delta R.T. -0.02 min  
Lab File: BF119642.D  
Acq: 30 Mar 2020 19:26

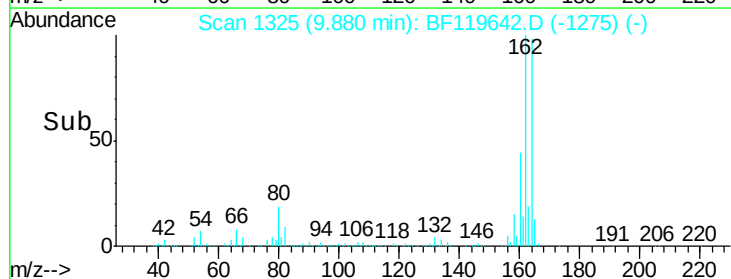
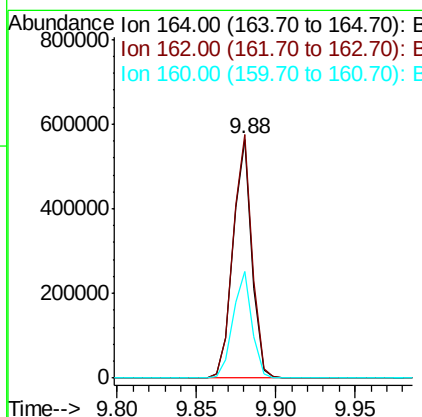
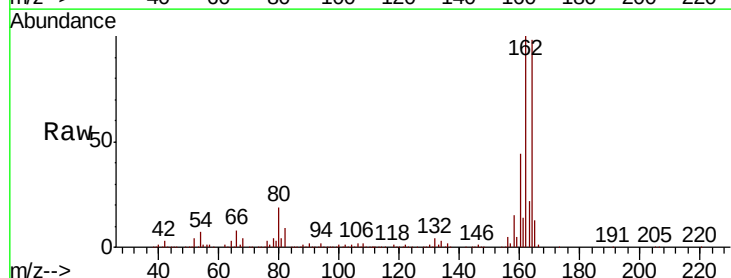
Instrument :  
BNA\_F  
ClientSampleId :  
SB-31-(5.5-6)RE

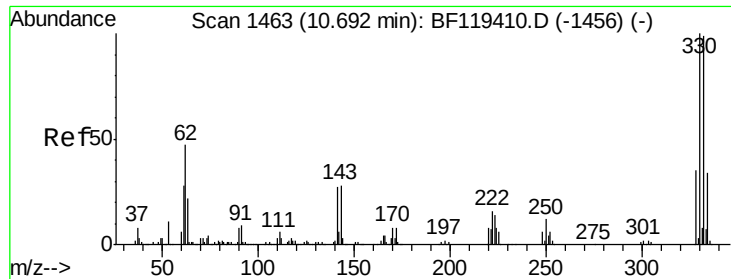
Tot Ion: 82 Resp: 61371  
Ion Ratio Lower Upper  
82 100  
128 45.8 36.3 54.5  
54 62.0 50.6 75.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BF119642.D  
Acq: 30 Mar 2020 19:26

Tgt Ion: 164 Resp: 462551  
Ion Ratio Lower Upper  
164 100  
162 101.9 80.6 121.0  
160 44.8 35.7 53.5

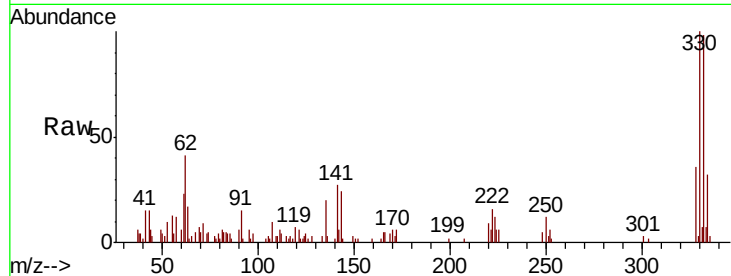




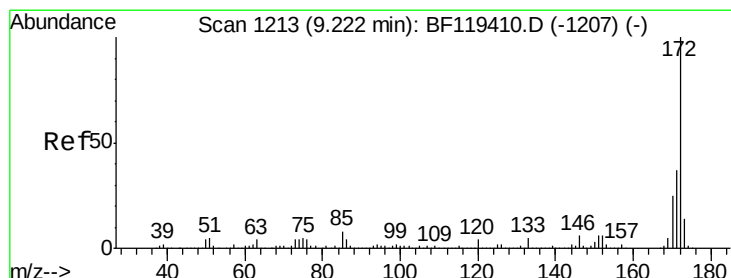
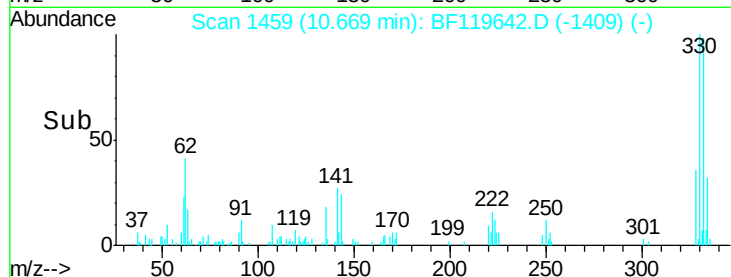
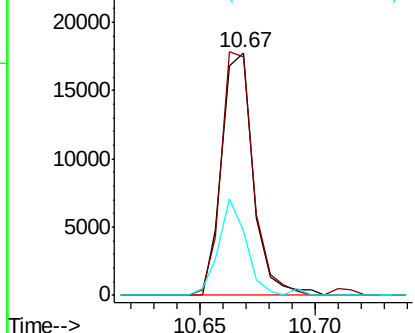
#42  
 2,4,6-Tribromophenol  
 Concen: 3.543 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. -0.01 min  
 Lab File: BF119642.D  
 Acq: 30 Mar 2020 19:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-31-(5.5-6)RE

Tot Ion:330 Resp: 16908  
 Ion Ratio Lower Upper  
 330 100  
 332 101.6 75.7 113.5  
 141 34.4 25.4 38.0

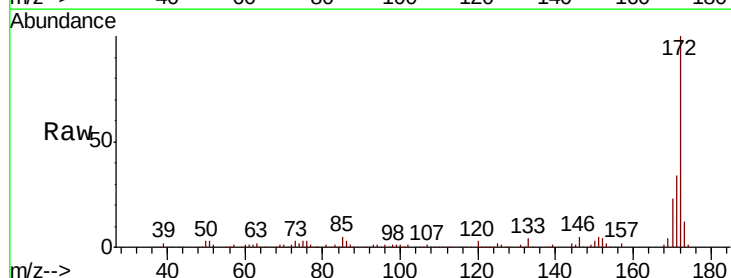


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

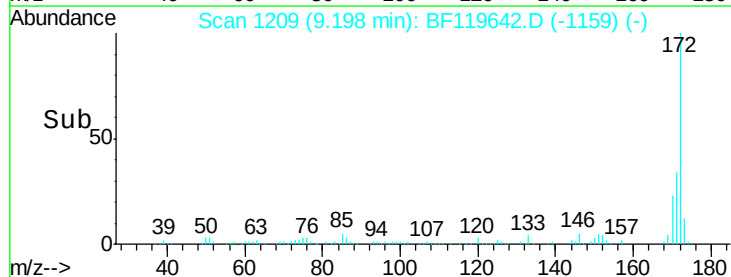
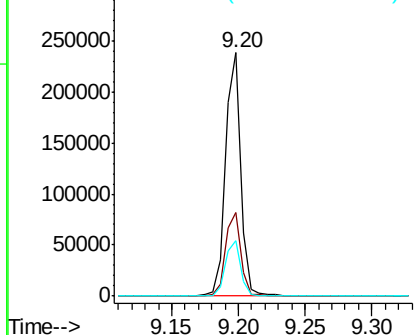


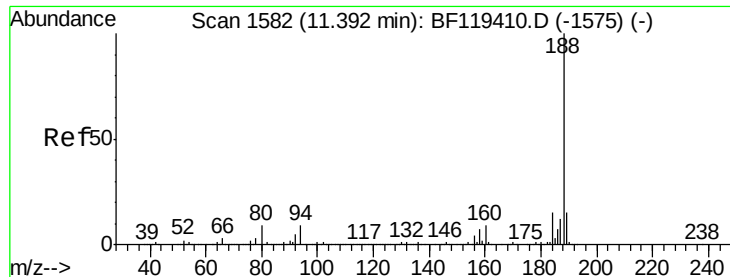
#45  
 2-Fluorobiphenyl  
 Concen: 6.183 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. -0.01 min  
 Lab File: BF119642.D  
 Acq: 30 Mar 2020 19:26

Tgt Ion:172 Resp: 193043  
 Ion Ratio Lower Upper  
 172 100  
 171 34.1 29.6 44.4  
 170 22.8 20.2 30.2



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

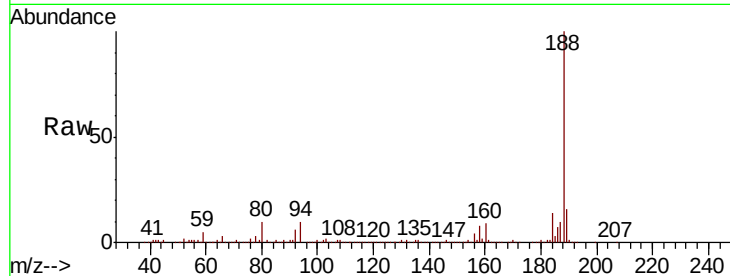




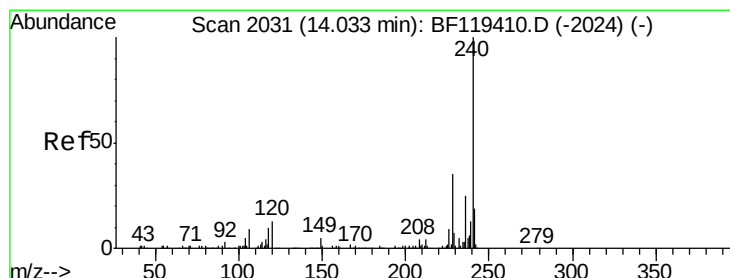
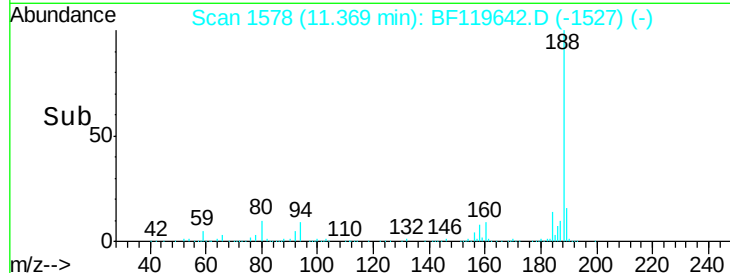
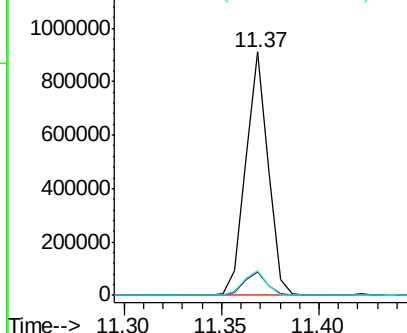
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1578  
Delta R.T. -0.00 min  
Lab File: BF119642.D  
Acq: 30 Mar 2020 19:26

Instrument :  
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Tot Ion:188 Resp: 726884  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.5 11.3  
80 10.4 9.0 13.4

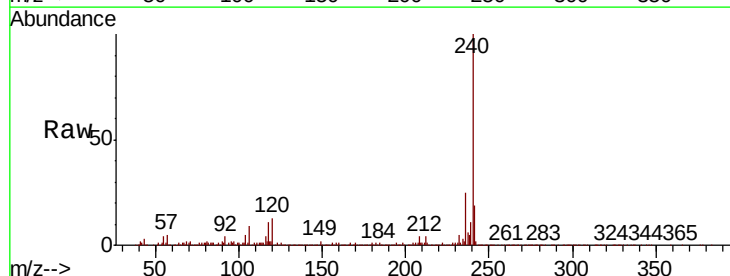


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

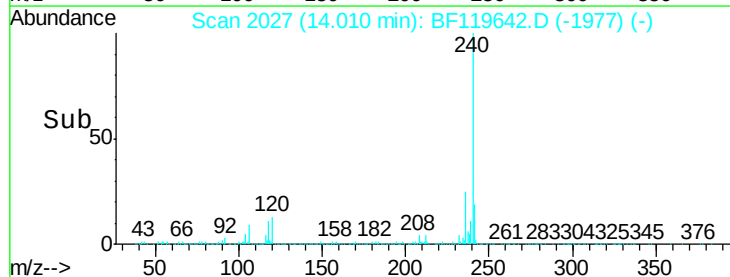
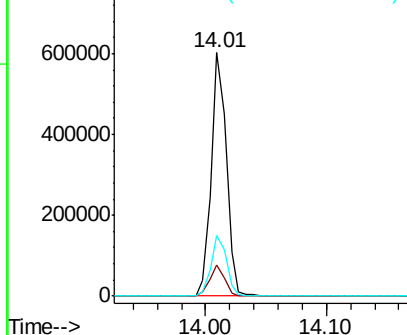


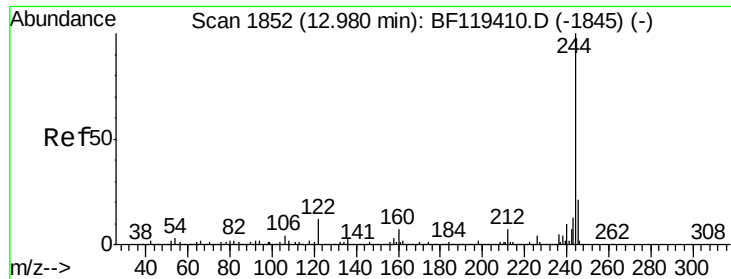
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.01 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: BF119642.D  
Acq: 30 Mar 2020 19:26

Tgt Ion:240 Resp: 523035  
Ion Ratio Lower Upper  
240 100  
120 12.8 10.6 15.8  
236 24.7 20.2 30.2



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: 5.557 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119642.D

Acq: 30 Mar 2020 19:26

Instrument :

BNA\_F

ClientSampleId :

SB-31-(5.5-6)RE

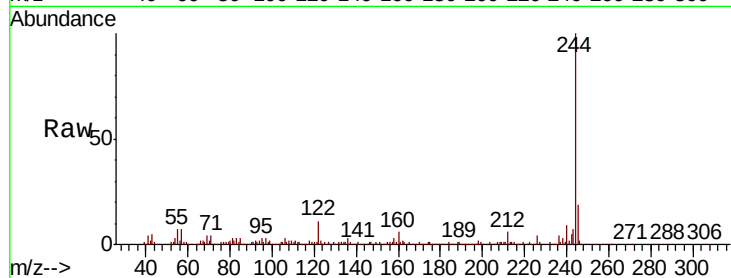
Tot Ion:244 Resp: 148352

Ion Ratio Lower Upper

244 100

212 5.6 5.8 8.8#

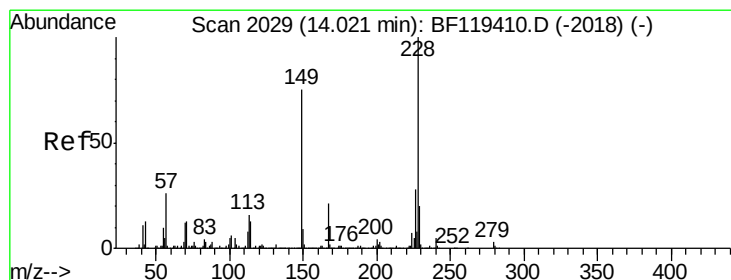
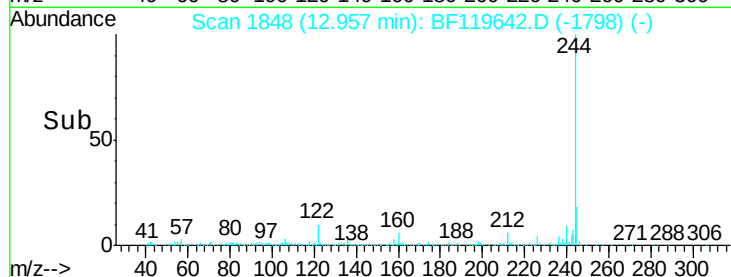
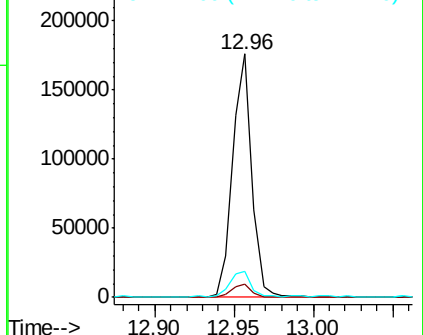
122 10.6 10.3 15.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.046 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF119642.D

Acq: 30 Mar 2020 19:26

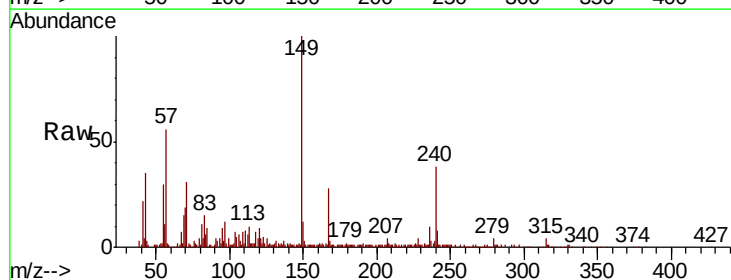
Tgt Ion:149 Resp: 83741

Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

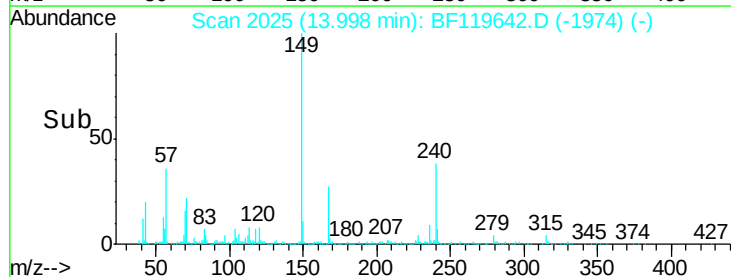
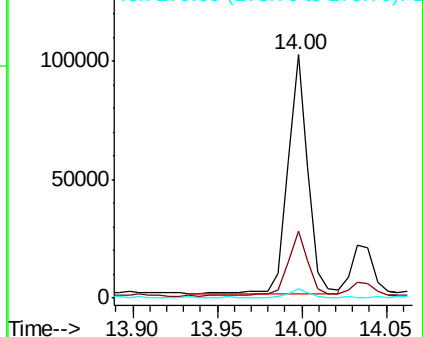
279 3.8 2.7 4.1



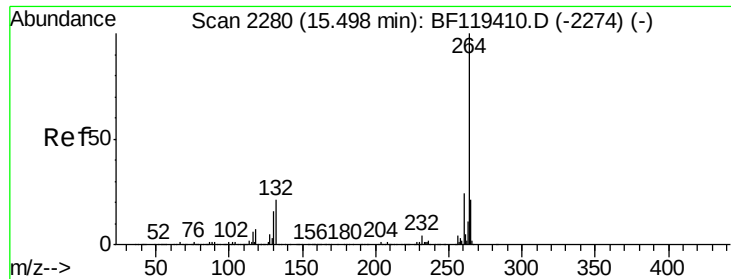
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E







#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.48 min Scan# 2277  
Delta R.T. -0.00 min  
Lab File: BF119642.D  
Acq: 30 Mar 2020 19:26

Instrument :  
BNA\_F  
ClientSampleId :  
SB-31-(5.5-6)RE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 18.7  | 28.1  |
| 265     | 22.0  | 17.7  | 26.5  |

