

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\  
 Data File : BF119524.D  
 Acq On : 26 Mar 2020 3:15  
 Operator : CG/JU  
 Sample : L2028-02 10X  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Mar 26 07:26:42 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 18 15:11:18 2020  
 Response via : Initial Calibration

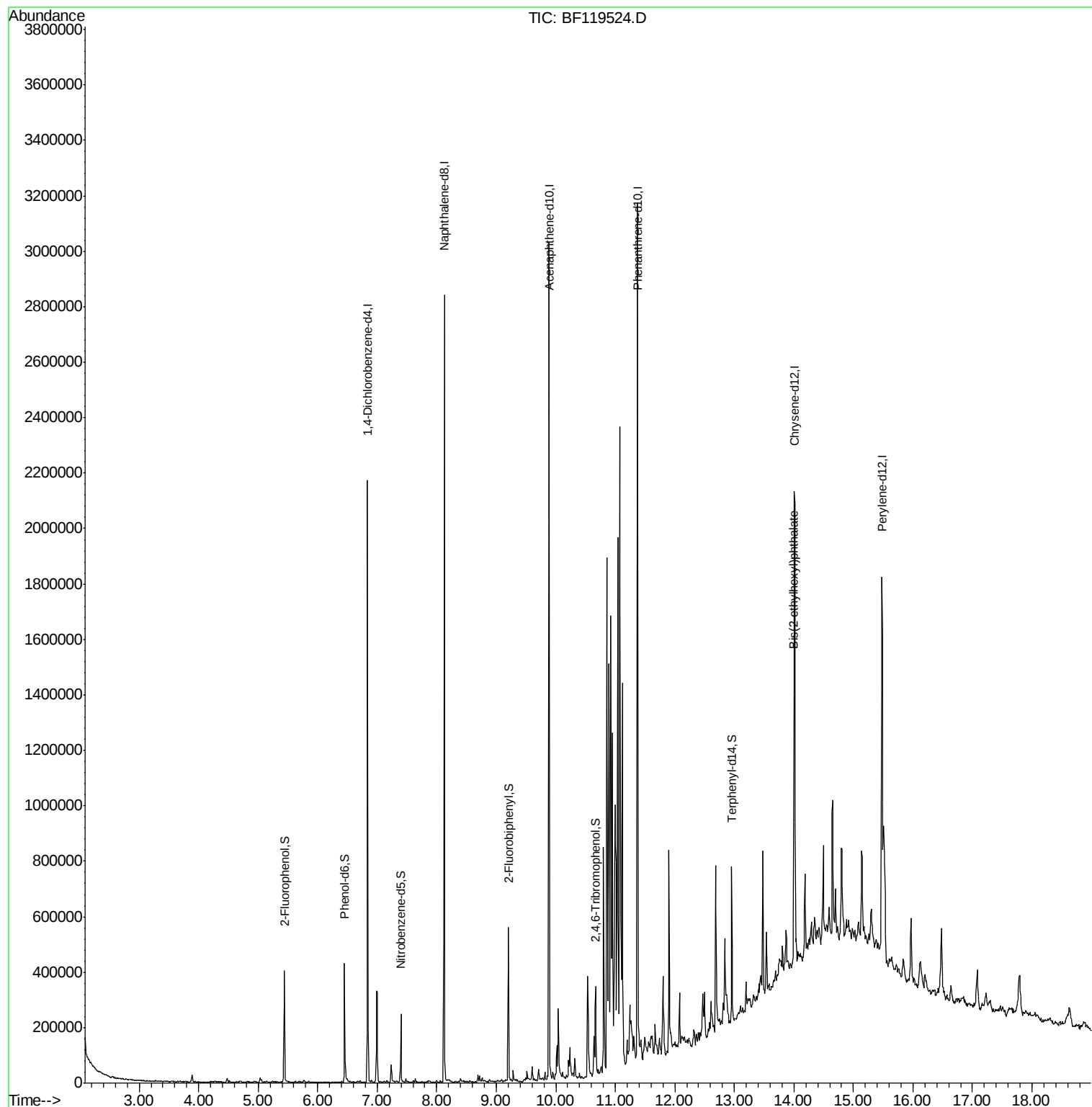
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)      |
|--------------------------------|-------|------|----------|-------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4      | 6.84  | 152  | 290787   | 20.00 | ng    | -0.02         |
| 21) Naphthalene-d8             | 8.13  | 136  | 1106105  | 20.00 | ng    | -0.02         |
| 39) Acenaphthene-d10           | 9.89  | 164  | 555315   | 20.00 | ng    | -0.02         |
| 64) Phenanthrene-d10           | 11.37 | 188  | 1015775  | 20.00 | ng    | -0.02         |
| 76) Chrysene-d12               | 14.02 | 240  | 607940   | 20.00 | ng    | -0.02         |
| 87) Perylene-d12               | 15.48 | 264  | 635668   | 20.00 | ng    | -0.02         |
| System Monitoring Compounds    |       |      |          |       |       |               |
| 5) 2-Fluorophenol              | 5.44  | 112  | 94847    | 5.19  | ng    | -0.02         |
| 7) Phenol-d6                   | 6.45  | 99   | 126268   | 5.41  | ng    | -0.02         |
| 23) Nitrobenzene-d5            | 7.40  | 82   | 69966    | 3.44  | ng    | -0.02         |
| 42) 2,4,6-Tribromophenol       | 10.67 | 330  | 32490    | 5.67  | ng    | -0.02         |
| 45) 2-Fluorobiphenyl           | 9.20  | 172  | 170437   | 4.55  | ng    | -0.02         |
| 79) Terphenyl-d14              | 12.96 | 244  | 165922   | 5.35  | ng    | -0.02         |
| Target Compounds               |       |      |          |       |       |               |
| 84) Bis(2-ethylhexyl)phthalate | 14.00 | 149  | 100394   | 4.173 | ng    | Qvalue<br>100 |

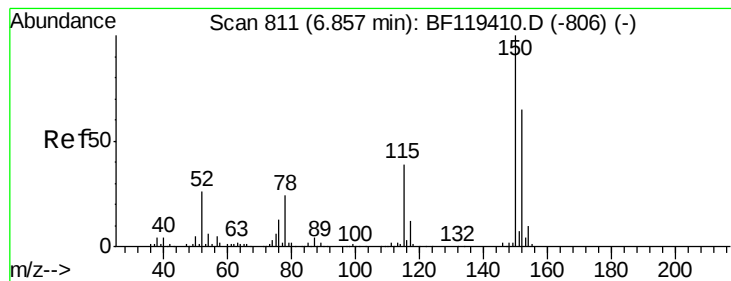
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\  
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Misc :  
ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Mar 26 07:26:42 2020  
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QLast Update : Wed Mar 18 15:11:18 2020  
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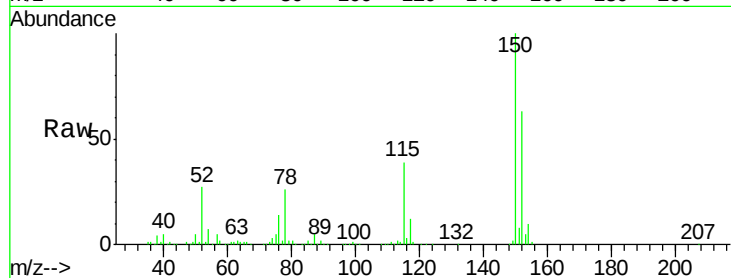


#1

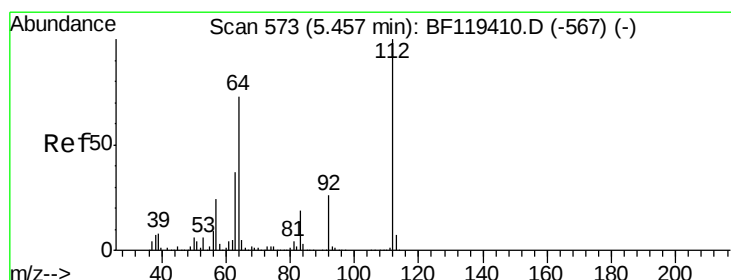
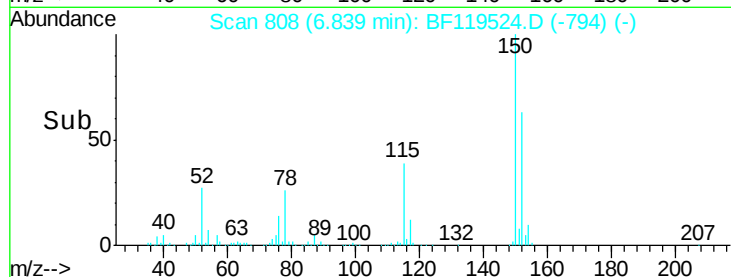
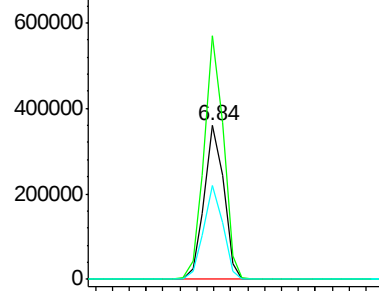
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.84 min Scan# 808  
Delta R.T. -0.02 min  
Lab File: BF119524.D  
Acq: 26 Mar 2020 3:15

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

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.1 | 123.9 | 185.9 |
| 115     | 61.2  | 47.8  | 71.6  |



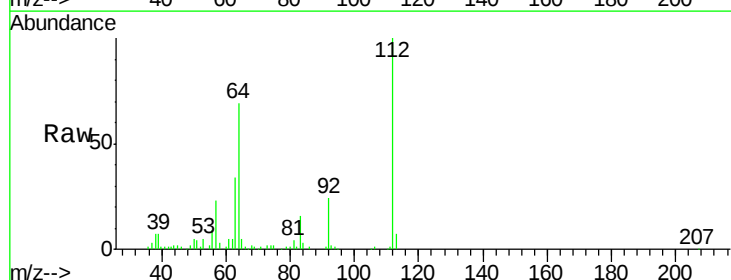
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



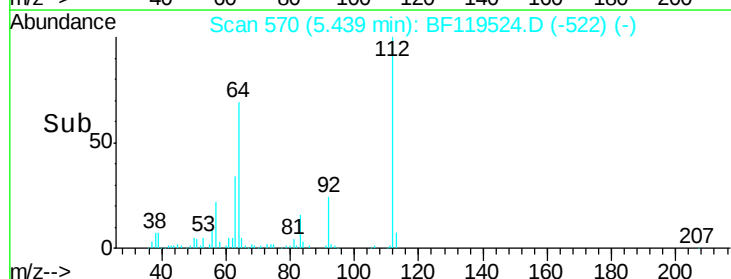
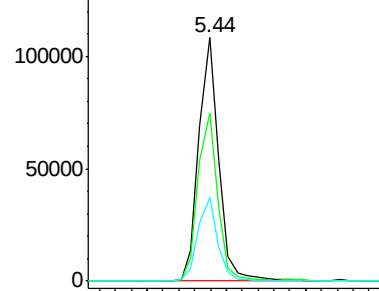
#5

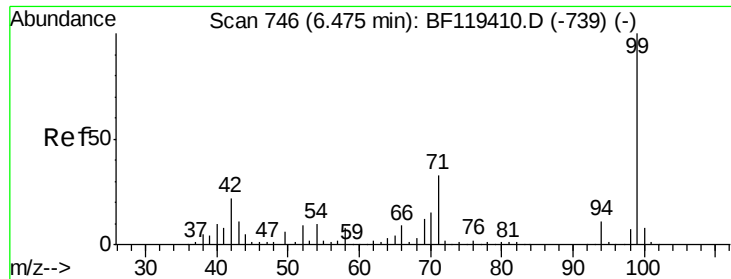
2-Fluorophenol  
Concen: 5.192 ng  
RT: 5.44 min Scan# 570  
Delta R.T. -0.02 min  
Lab File: BF119524.D  
Acq: 26 Mar 2020 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 69.0  | 58.1  | 87.1  |
| 63      | 34.3  | 29.7  | 44.5  |



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: 5.411 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF119524.D

Acq: 26 Mar 2020 3:15

Instrument :

BNA\_F

ClientSampleId :

SB-31-(5.5-6)

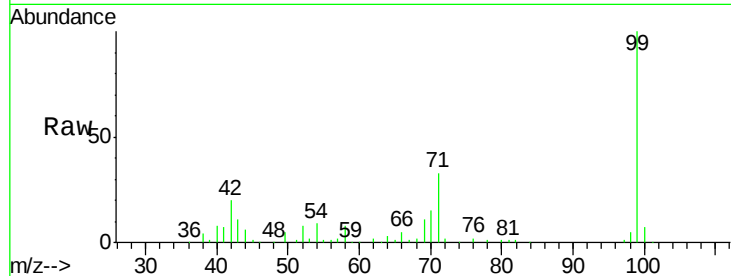
Tot Ion: 99 Resp: 126268

Ion Ratio Lower Upper

99 100

42 19.8 17.8 26.6

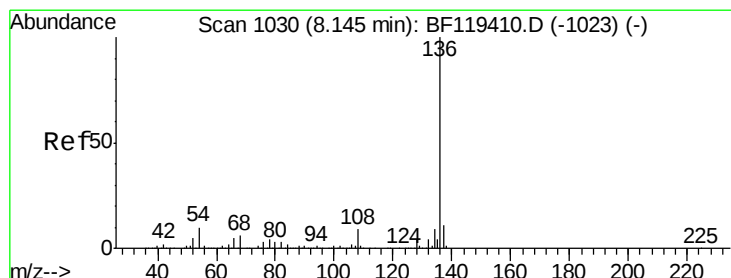
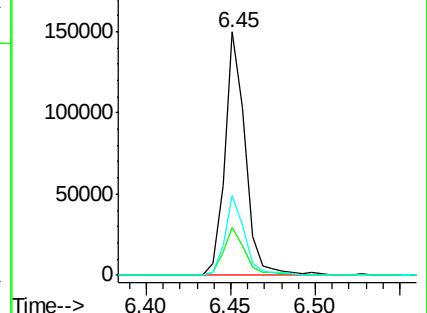
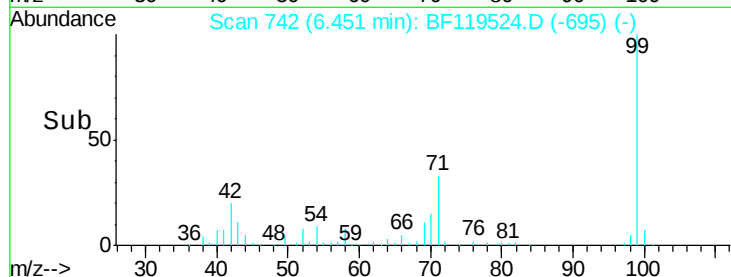
71 32.8 26.0 39.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119524.D

Acq: 26 Mar 2020 3:15

Tgt Ion: 136 Resp: 1106105

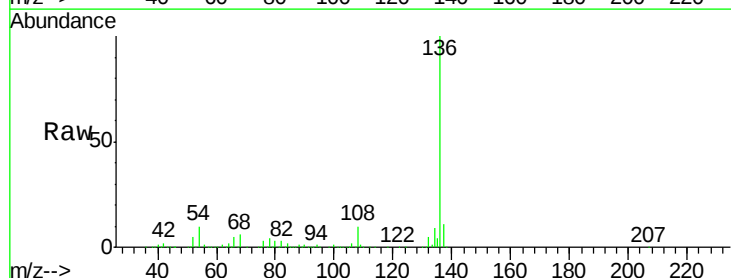
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.4 8.3 12.5

68 5.8 4.9 7.3

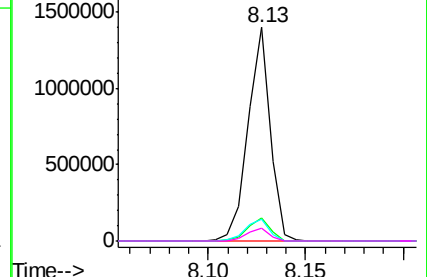
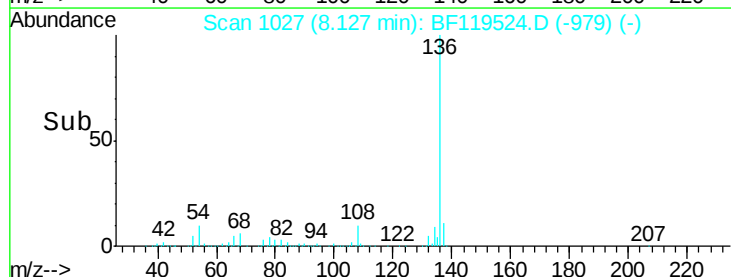


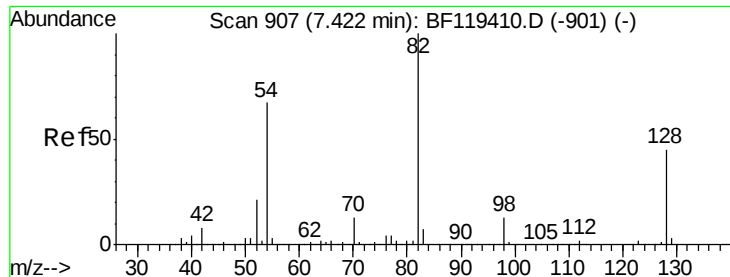
Abundance Ion 136.00 (135.70 to 136.70): E

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

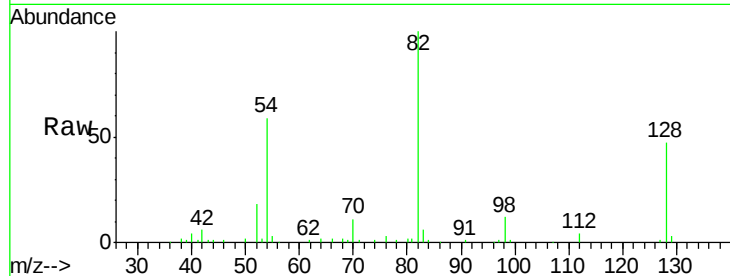




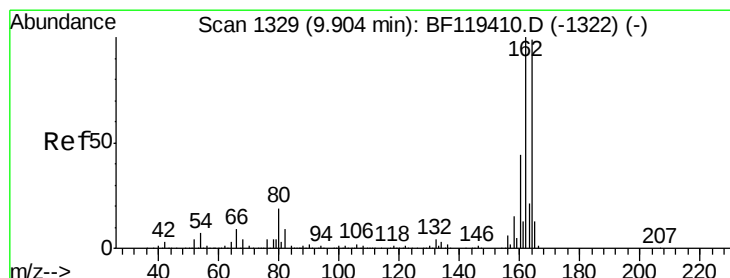
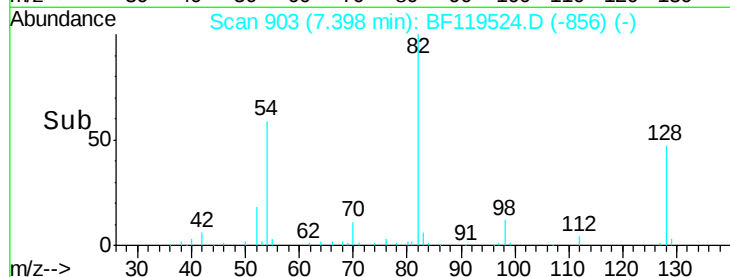
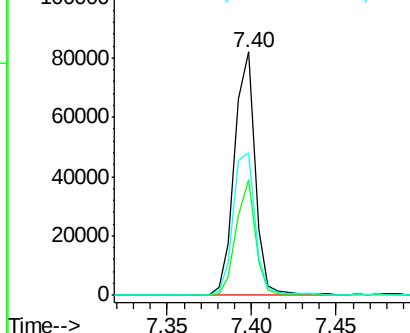
#23  
Nitrobenzene-d5  
Concen: 3.438 ng  
RT: 7.40 min Scan# 903  
Delta R.T. -0.02 min  
Lab File: BF119524.D  
Acq: 26 Mar 2020 3:15

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

Tot Ion: 82 Resp: 69966  
Ion Ratio Lower Upper  
82 100  
128 47.4 35.8 53.8  
54 58.6 53.4 80.0

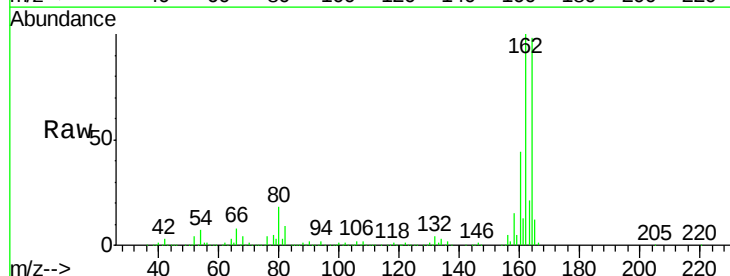


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

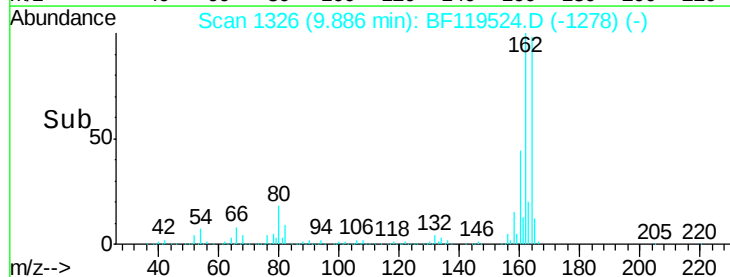
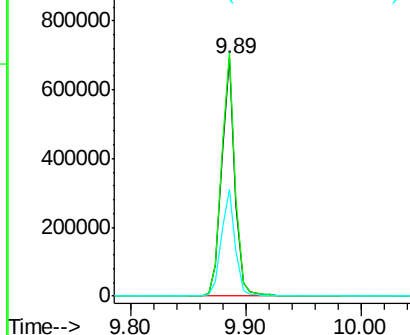


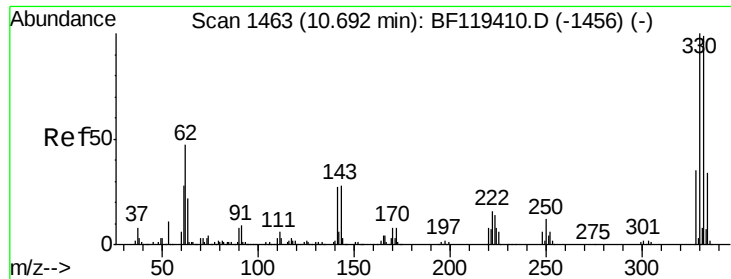
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. -0.02 min  
Lab File: BF119524.D  
Acq: 26 Mar 2020 3:15

Tgt Ion: 164 Resp: 555315  
Ion Ratio Lower Upper  
164 100  
162 102.3 80.7 121.1  
160 44.9 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BF1  
Ion 162.00 (161.70 to 162.70): BF1  
Ion 160.00 (159.70 to 160.70): BF1

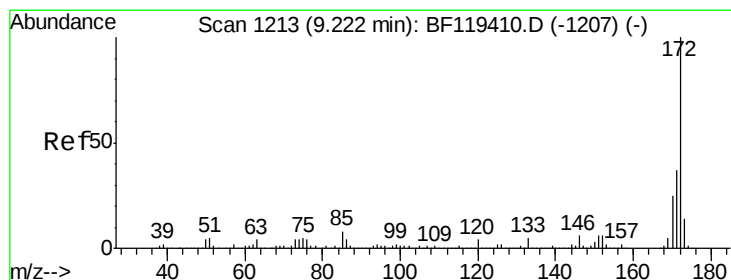
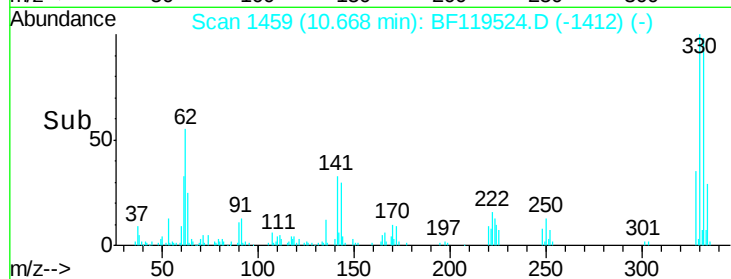
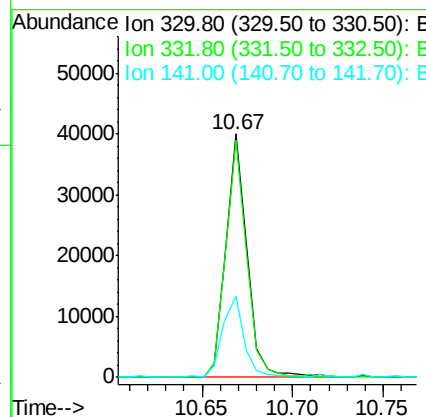
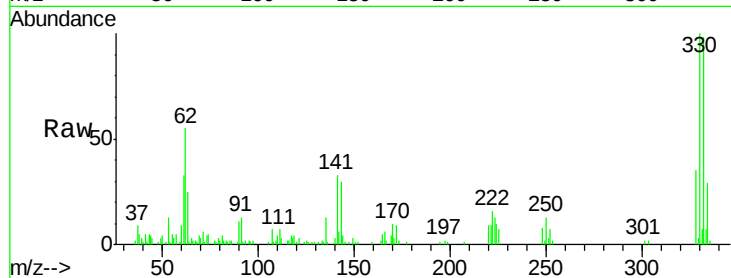




#42  
 2,4,6-Tribromophenol  
 Concen: 5.671 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. -0.02 min  
 Lab File: BF119524.D  
 Acq: 26 Mar 2020 3:15

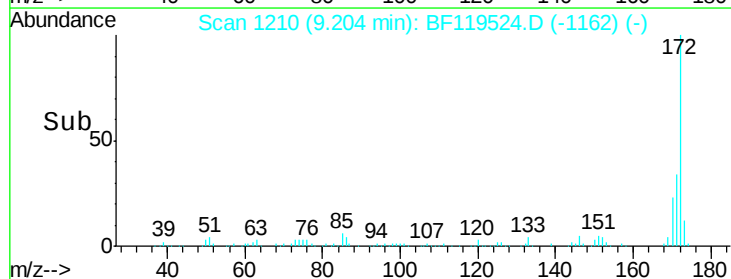
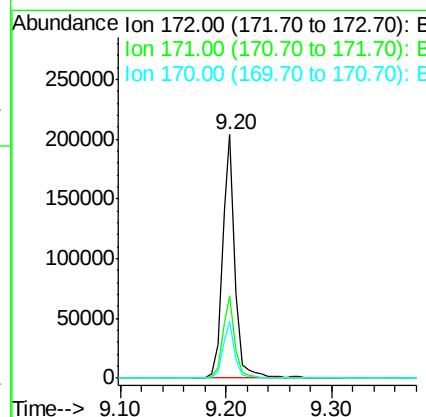
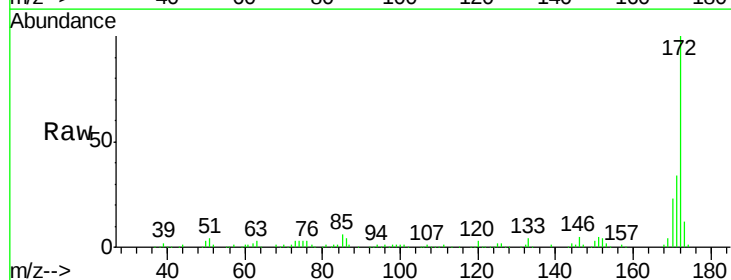
Instrument :  
 BNA\_F  
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 SB-31-(5.5-6)

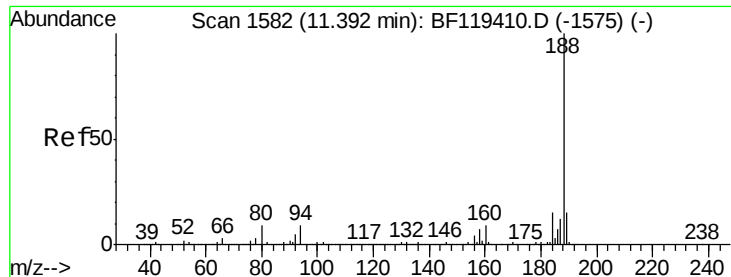
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.5  | 77.6  | 116.4 |
| 141     | 34.5  | 26.6  | 40.0  |



#45  
 2-Fluorobiphenyl  
 Concen: 4.547 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. -0.02 min  
 Lab File: BF119524.D  
 Acq: 26 Mar 2020 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 33.7  | 29.9  | 44.9  |
| 170     | 23.2  | 20.1  | 30.1  |

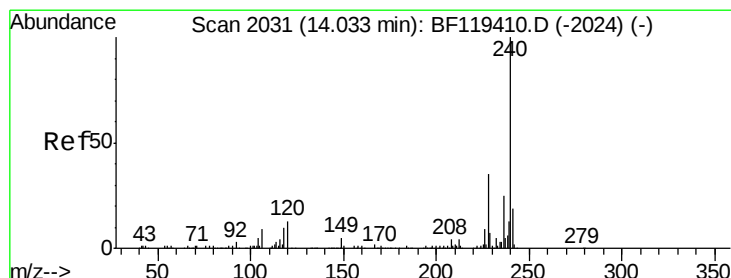
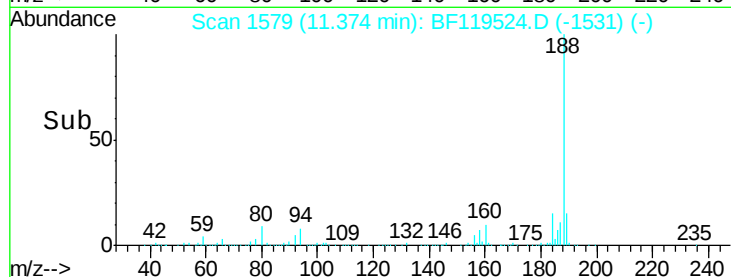
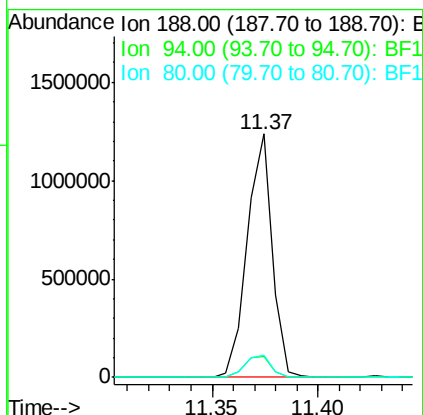
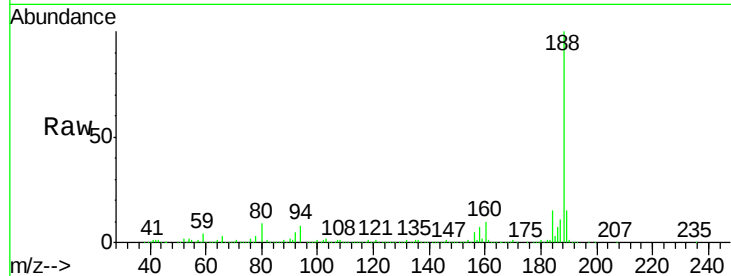




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1579  
Delta R.T. -0.02 min  
Lab File: BF119524.D  
Acq: 26 Mar 2020 3:15

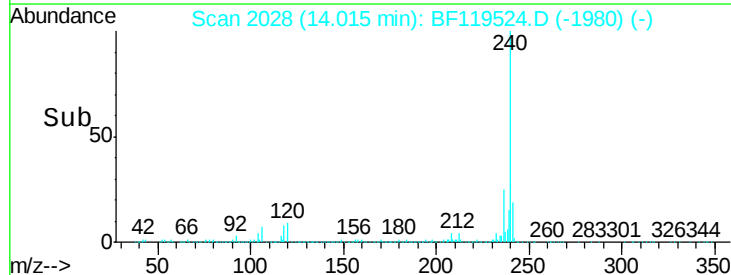
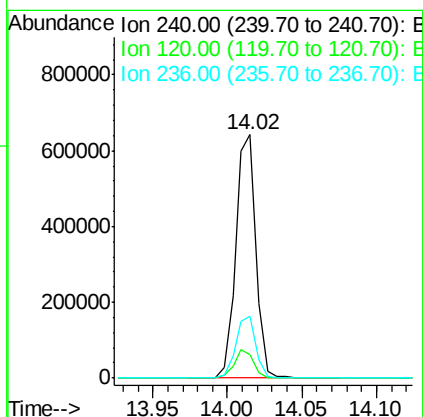
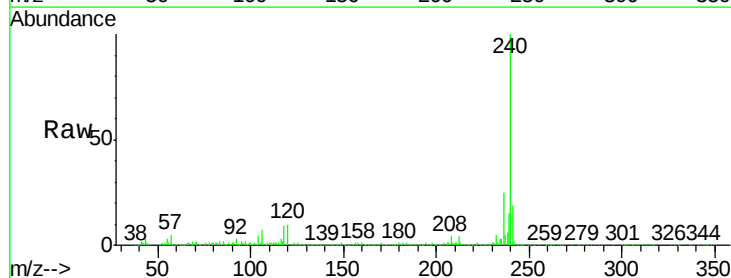
Instrument :  
BNA\_F  
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SB-31-(5.5-6)

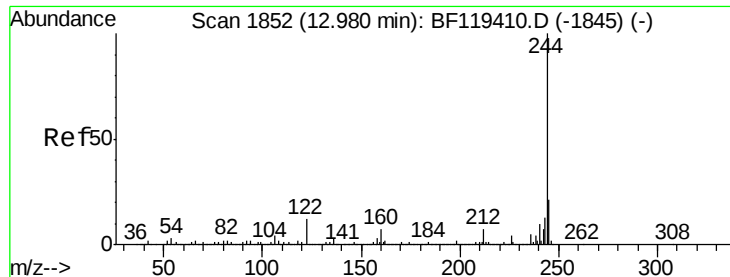
Tot Ion:188 Resp: 1015775  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.1 10.7  
80 9.0 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.02 min Scan# 2028  
Delta R.T. -0.02 min  
Lab File: BF119524.D  
Acq: 26 Mar 2020 3:15

Tgt Ion:240 Resp: 607940  
Ion Ratio Lower Upper  
240 100  
120 9.6 10.2 15.4#  
236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 5.347 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BF119524.D

Acq: 26 Mar 2020 3:15

Instrument :

BNA\_F

ClientSampleId :

SB-31-(5.5-6)

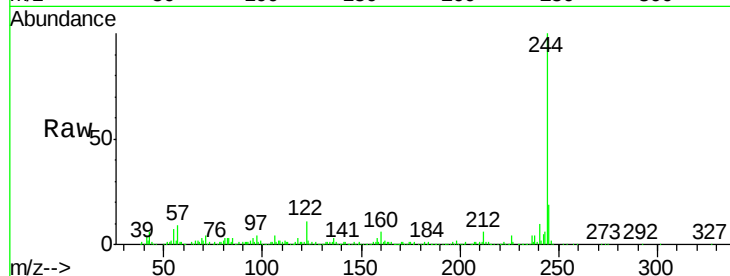
Tot Ion:244 Resp: 165922

Ion Ratio Lower Upper

244 100

212 6.0 5.7 8.5

122 11.2 9.8 14.8

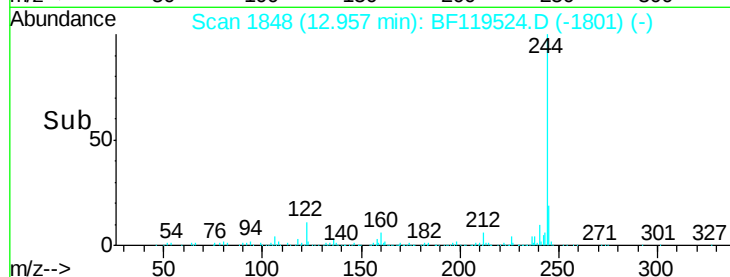


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.90 12.95 13.00



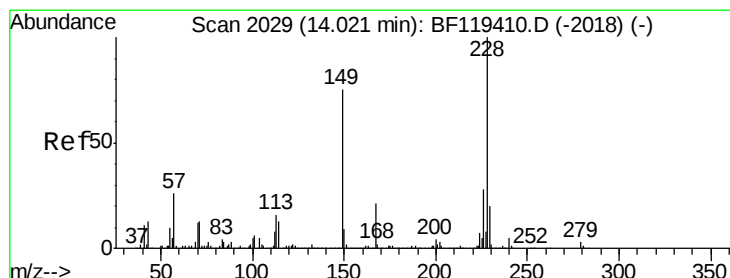
Abundance

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

Time--> 12.90 12.95 13.00



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.173 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF119524.D

Acq: 26 Mar 2020 3:15

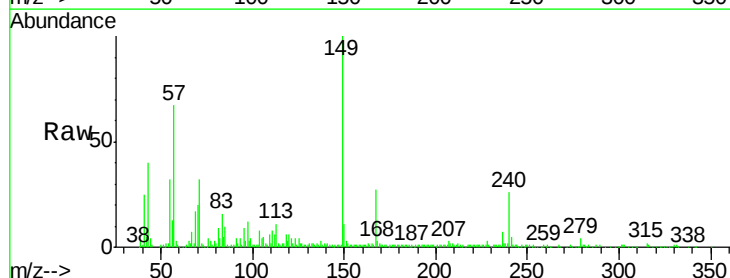
Tgt Ion:149 Resp: 100394

Ion Ratio Lower Upper

149 100

167 27.2 22.0 33.0

279 4.0 3.2 4.8

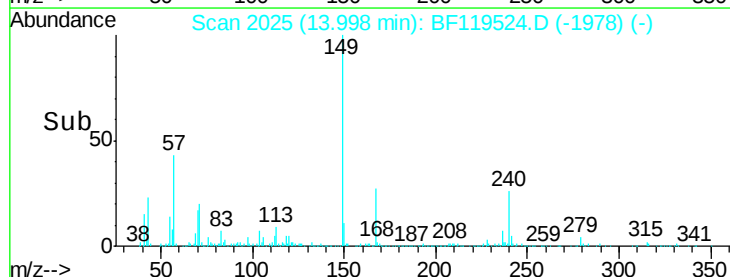


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time--> 13.95 14.00



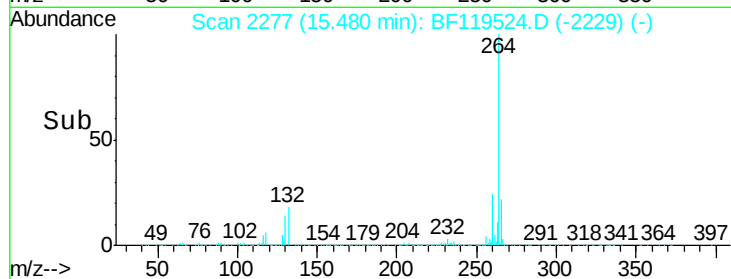
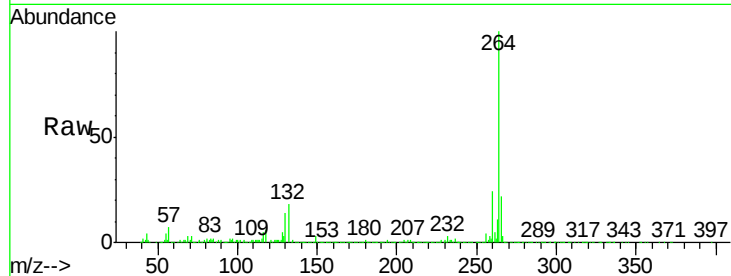
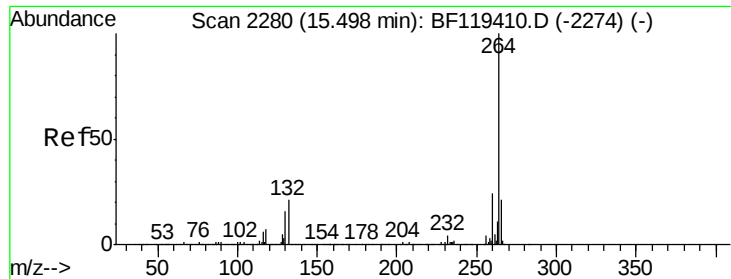
Abundance

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

Time--> 13.95 14.00



#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF119524.D

Acq: 26 Mar 2020 3:15

Instrument :

BNA\_F

ClientSampleId :

SB-31-(5.5-6)

Tot Ion:264 Resp: 635668

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.0 16.9 25.3

