

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\  
 Data File : BF118297.D  
 Acq On : 19 Dec 2019 23:35  
 Operator : JU  
 Sample : K6370-07  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP2-6

Quant Time: Dec 20 04:58:12 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 06 17:34:43 2019  
 Response via : Initial Calibration

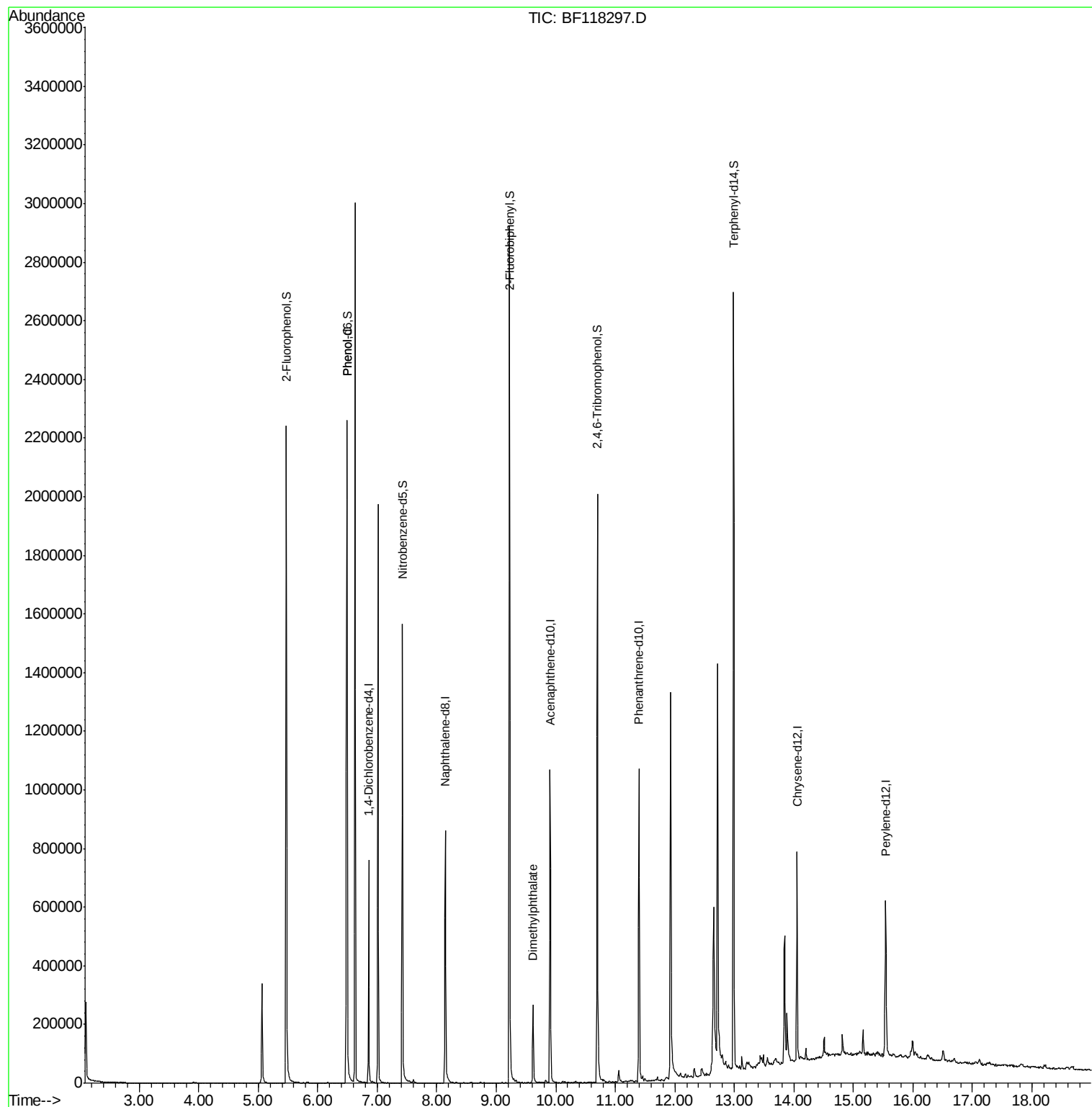
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 105244   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.15  | 136  | 419032   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.90  | 164  | 218361   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.40 | 188  | 393003   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.05 | 240  | 228193   | 20.00  | ng    | -0.02    |
| 87) Perylene-d12            | 15.54 | 264  | 249723   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.47  | 112  | 645064   | 107.35 | ng    | 0.00     |
| 7) Phenol-d6                | 6.49  | 99   | 829502   | 114.13 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 497080   | 66.74  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.70 | 330  | 260854   | 98.34  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.22  | 172  | 843362   | 58.77  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.99 | 244  | 870159   | 65.57  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.50  | 94   | 43477    | 5.245  | ng    | 81       |
| 50) Dimethylphthalate       | 9.62  | 163  | 125938   | 7.808  | ng    | 98       |

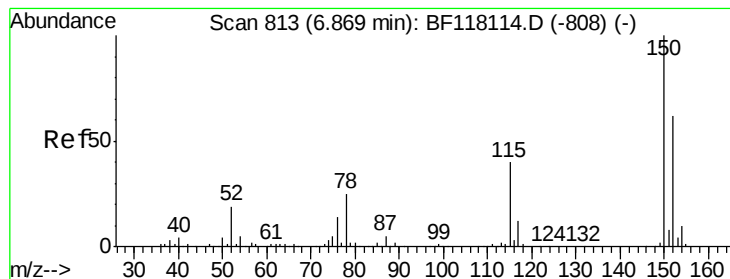
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
TP2-6

Quant Time: Dec 20 04:58:12 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 06 17:34:43 2019  
Response via : Initial Calibration



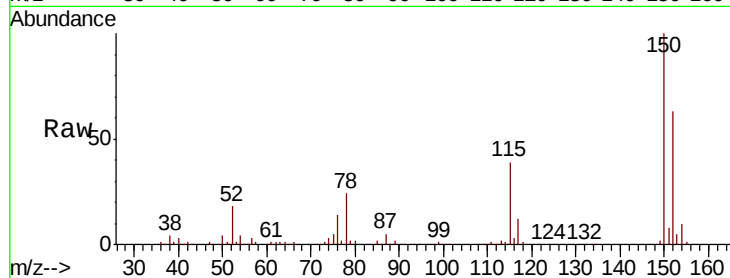


#1

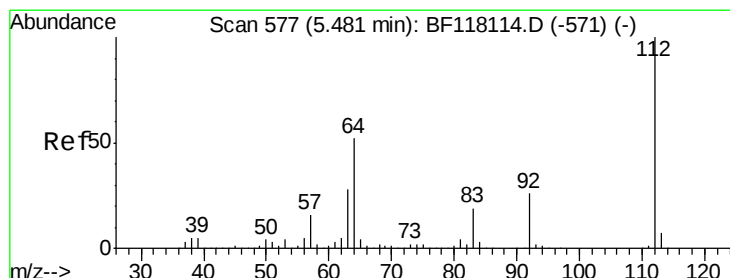
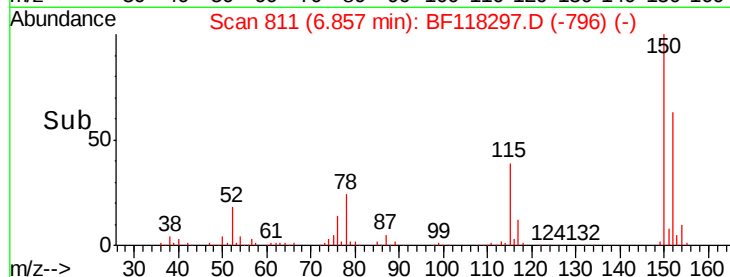
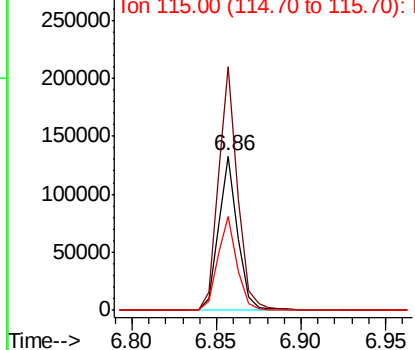
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BF118297.D  
Acq: 19 Dec 2019 23:35

Instrument :  
BNA\_F  
ClientSampleId :  
TP2-6

Tot Ion:152 Resp: 105244  
Ion Ratio Lower Upper  
152 100  
150 158.1 128.3 192.5  
115 60.9 51.1 76.7



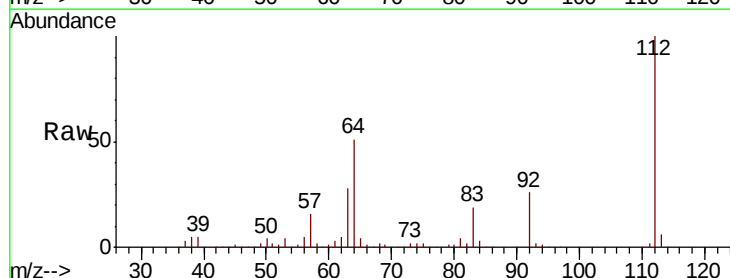
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



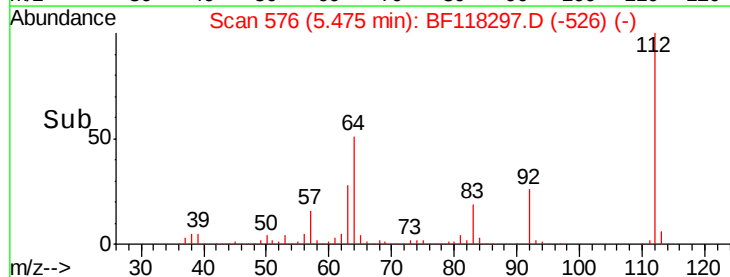
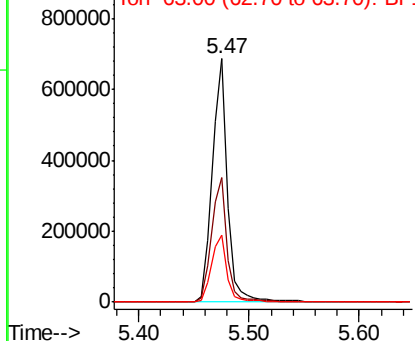
#5

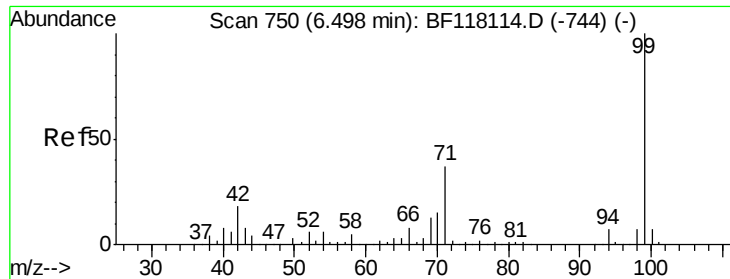
2-Fluorophenol  
Concen: 107.351 ng  
RT: 5.47 min Scan# 576  
Delta R.T. -0.01 min  
Lab File: BF118297.D  
Acq: 19 Dec 2019 23:35

Tgt Ion:112 Resp: 645064  
Ion Ratio Lower Upper  
112 100  
64 51.1 41.3 61.9  
63 27.8 22.4 33.6



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: 114.131 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118297.D

Acq: 19 Dec 2019 23:35

Instrument :

BNA\_F

ClientSampled :

TP2-6

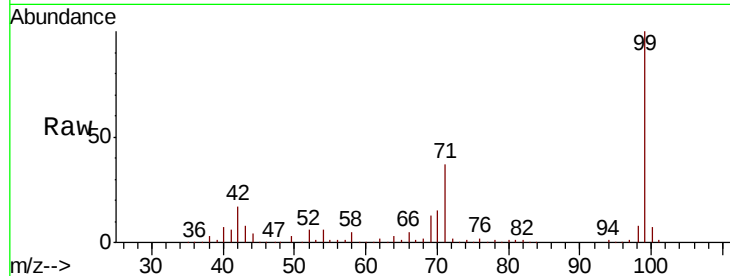
Tot Ion: 99 Resp: 829502

Ion Ratio Lower Upper

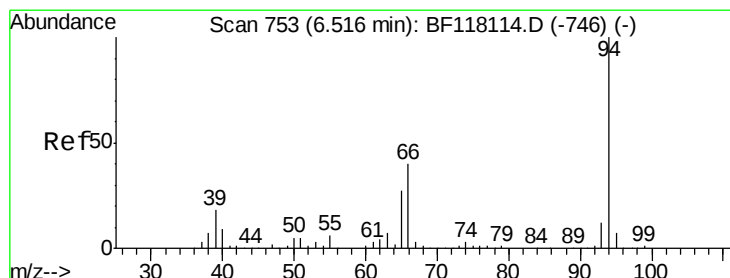
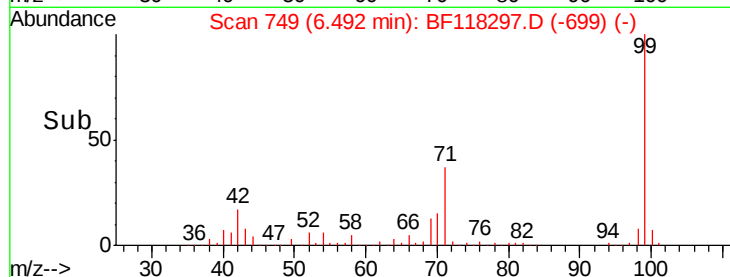
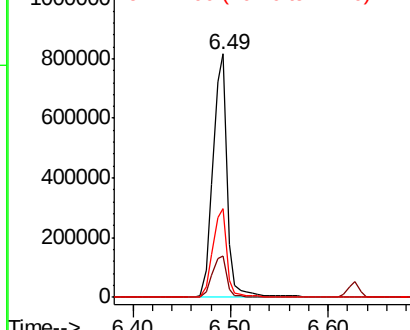
99 100

42 17.0 14.1 21.1

71 36.6 29.7 44.5



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: 5.245 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118297.D

Acq: 19 Dec 2019 23:35

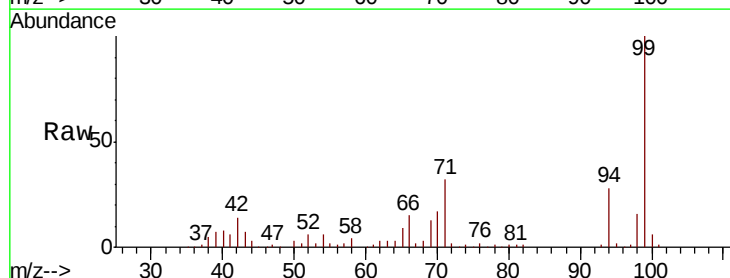
Tgt Ion: 94 Resp: 43477

Ion Ratio Lower Upper

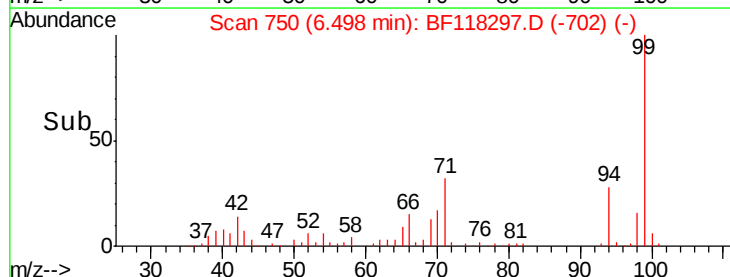
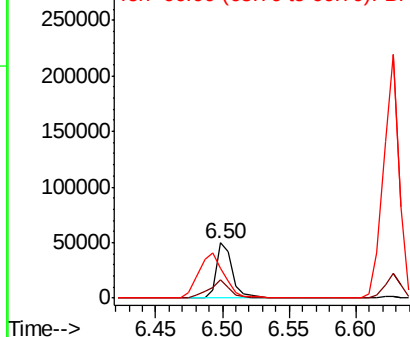
94 100

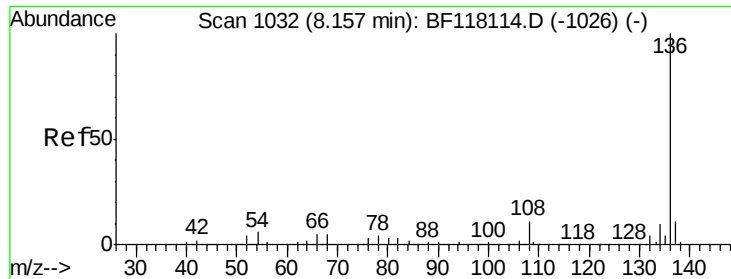
65 33.2 7.3 47.3

66 54.7 20.2 60.2



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

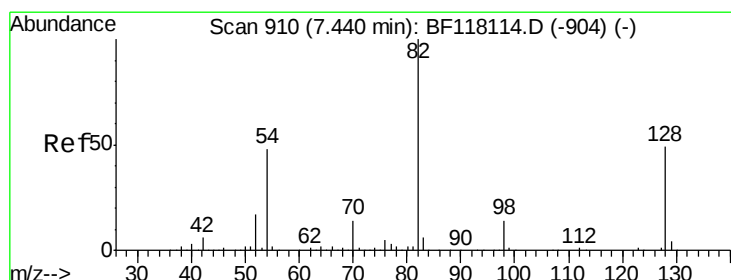
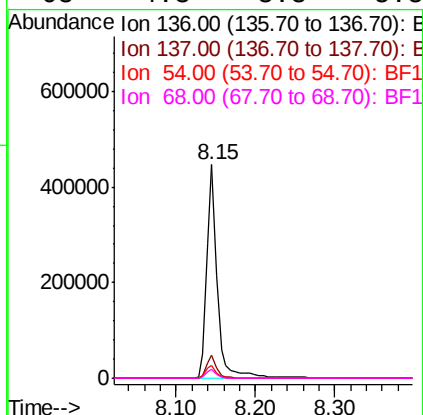
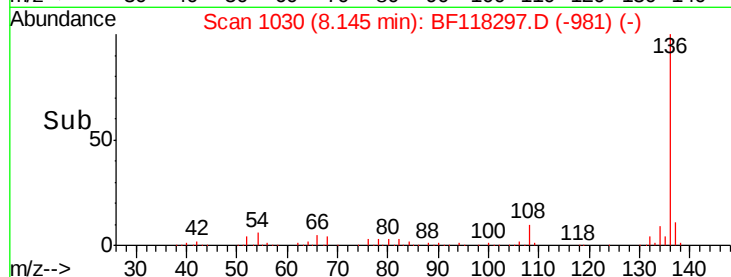
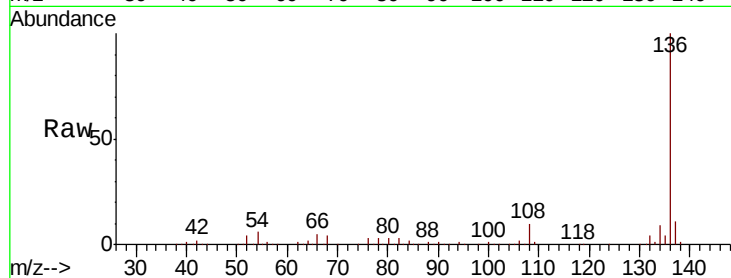




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.15 min Scan# 1030  
Delta R.T. -0.01 min  
Lab File: BF118297.D  
Acq: 19 Dec 2019 23:35

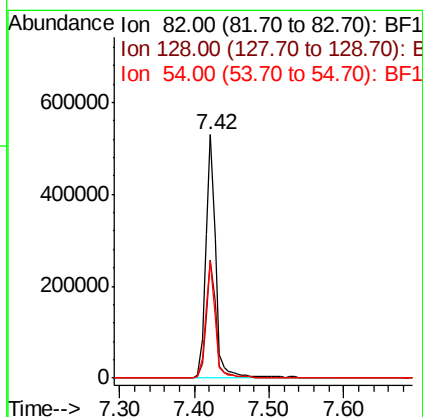
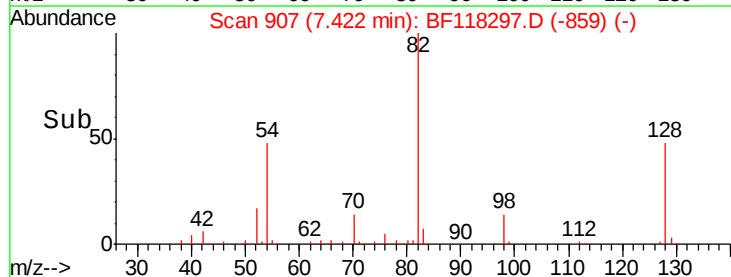
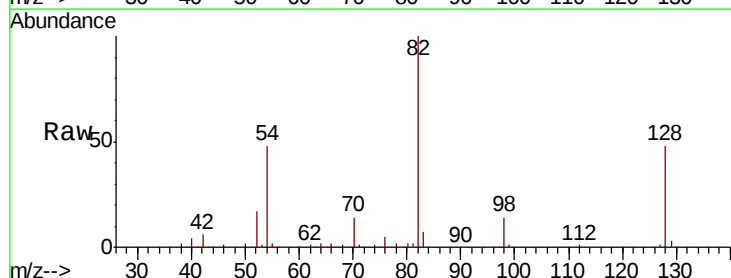
Instrument :  
BNA\_F  
ClientSampleId :  
TP2-6

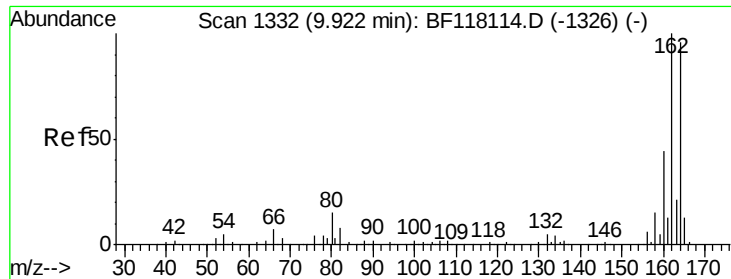
Tot Ion:136 Resp: 419032  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.6  
54 5.9 5.0 7.6  
68 4.3 3.8 5.8



#23  
Nitrobenzene-d5  
Concen: 66.736 ng  
RT: 7.42 min Scan# 907  
Delta R.T. -0.02 min  
Lab File: BF118297.D  
Acq: 19 Dec 2019 23:35

Tgt Ion: 82 Resp: 497080  
Ion Ratio Lower Upper  
82 100  
128 48.4 39.1 58.7  
54 48.1 38.2 57.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF118297.D

Acq: 19 Dec 2019 23:35

Instrument :

BNA\_F

ClientSampleId :

TP2-6

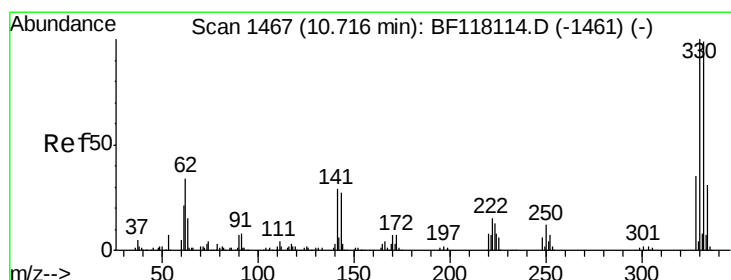
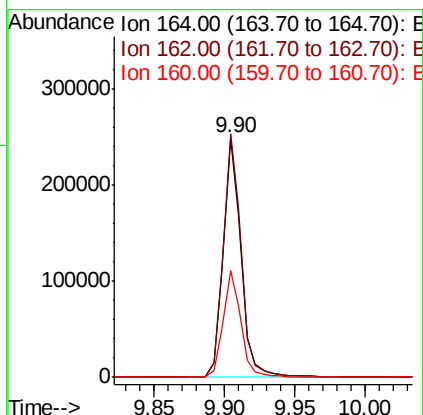
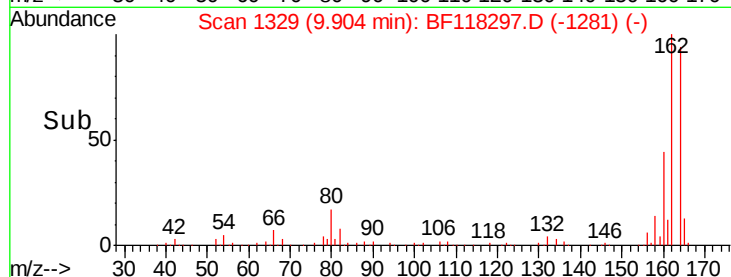
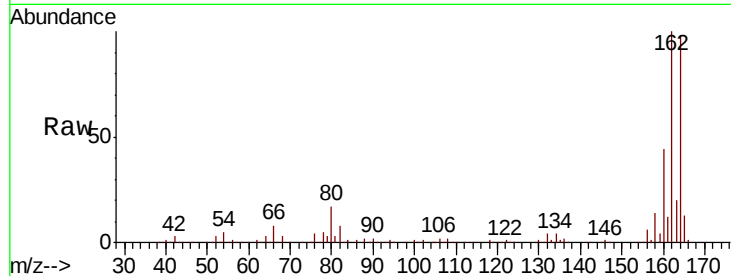
Tot Ion:164 Resp: 218361

Ion Ratio Lower Upper

164 100

162 102.0 83.4 125.0

160 44.5 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 98.336 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF118297.D

Acq: 19 Dec 2019 23:35

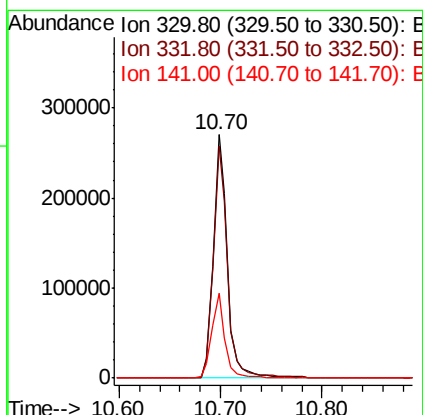
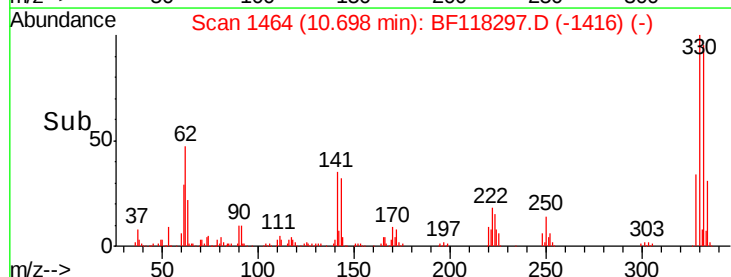
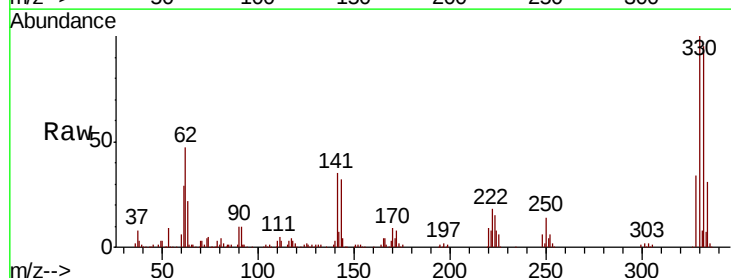
Tgt Ion:330 Resp: 260854

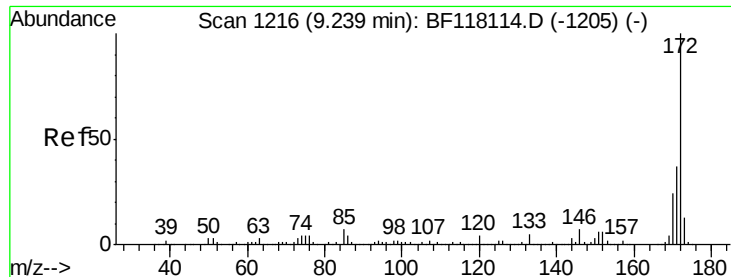
Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

141 33.2 26.9 40.3

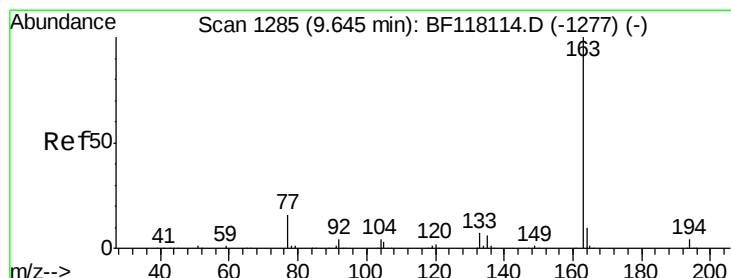
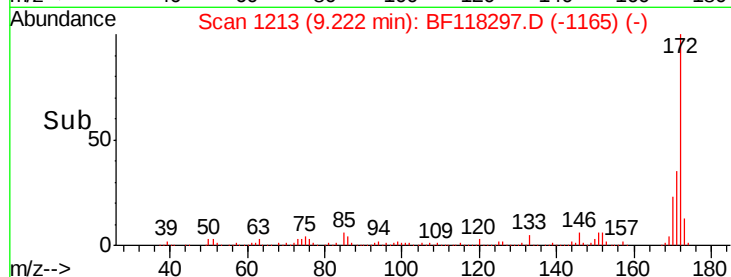
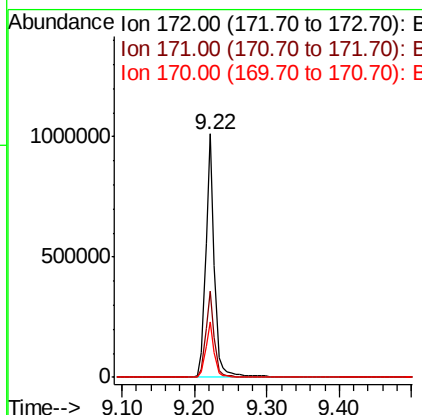
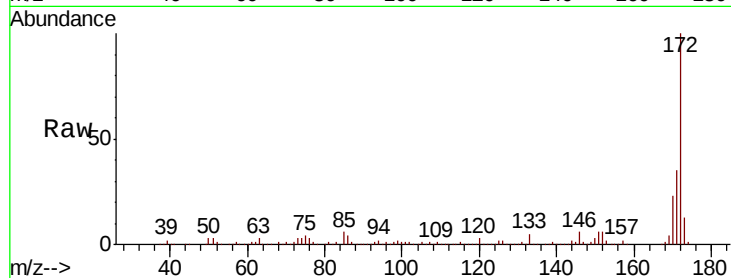




#45  
2-Fluorobiphenyl  
Concen: 58.770 ng  
RT: 9.22 min Scan# 1213  
Delta R.T. -0.02 min  
Lab File: BF118297.D  
Acq: 19 Dec 2019 23:35

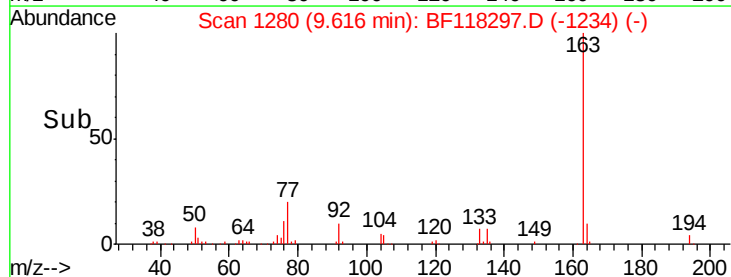
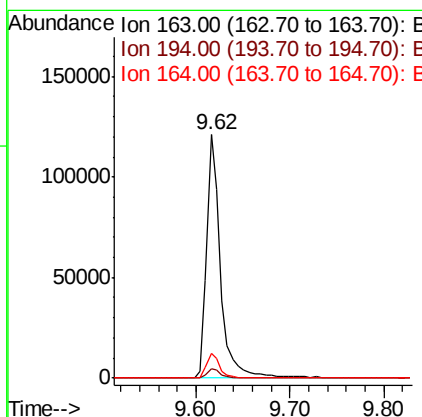
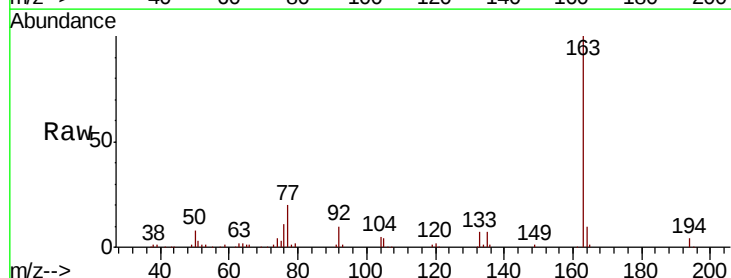
Instrument :  
BNA\_F  
ClientSampleId :  
TP2-6

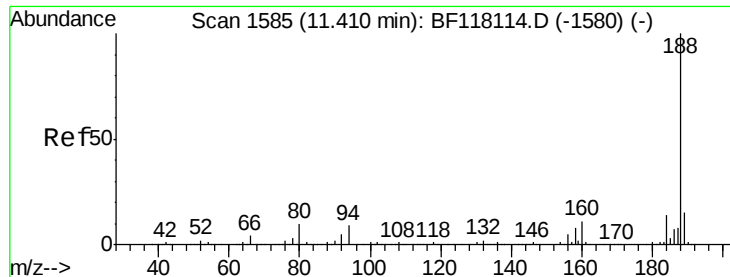
Tot Ion:172 Resp: 843362  
Ion Ratio Lower Upper  
172 100  
171 35.4 29.2 43.8  
170 23.0 19.4 29.2



#50  
Dimethylphthalate  
Concen: 7.808 ng  
RT: 9.62 min Scan# 1280  
Delta R.T. -0.03 min  
Lab File: BF118297.D  
Acq: 19 Dec 2019 23:35

Tgt Ion:163 Resp: 125938  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.1 4.7  
164 10.4 7.7 11.5

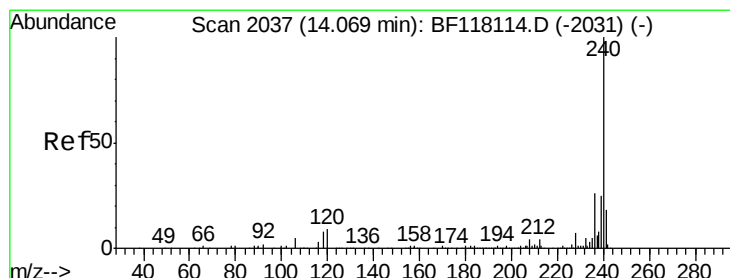
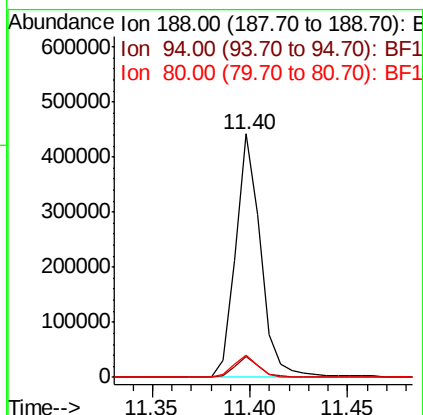
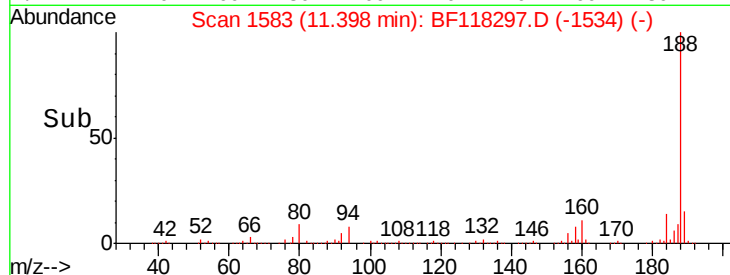
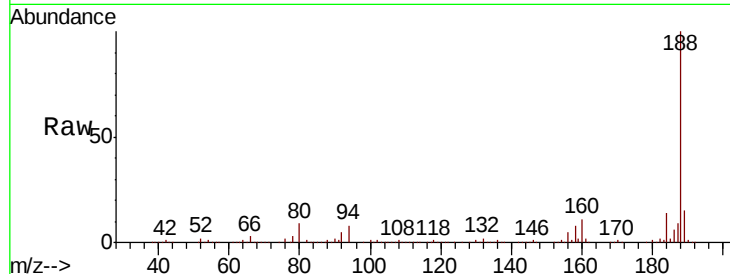




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1583  
Delta R.T. -0.01 min  
Lab File: BF118297.D  
Acq: 19 Dec 2019 23:35

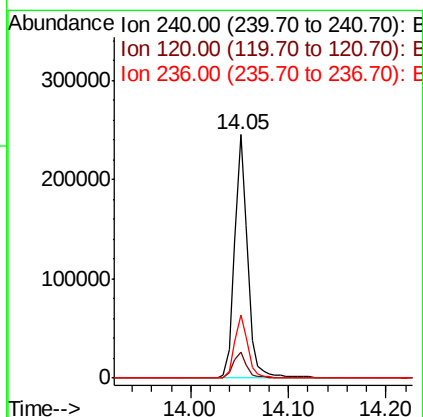
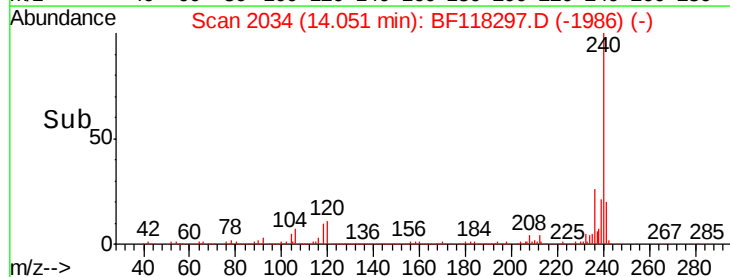
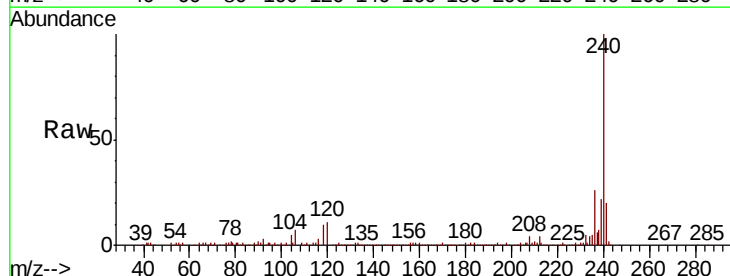
Instrument :  
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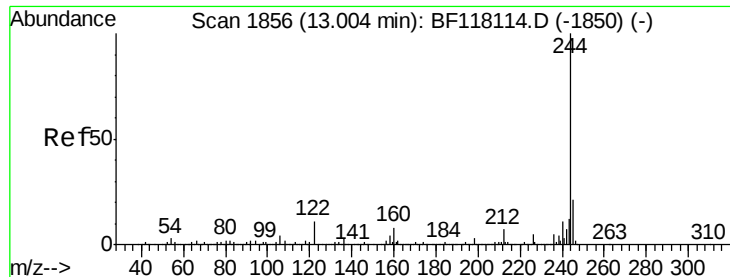
Tot Ion:188 Resp: 393003  
Ion Ratio Lower Upper  
188 100  
94 8.4 7.1 10.7  
80 9.2 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.05 min Scan# 2034  
Delta R.T. -0.02 min  
Lab File: BF118297.D  
Acq: 19 Dec 2019 23:35

Tgt Ion:240 Resp: 228193  
Ion Ratio Lower Upper  
240 100  
120 10.7 7.1 10.7#  
236 25.9 21.0 31.6





#79

Terphenyl-d14

Concen: 65.574 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BF118297.D

Acq: 19 Dec 2019 23:35

Instrument :

BNA\_F

ClientSampleId :

TP2-6

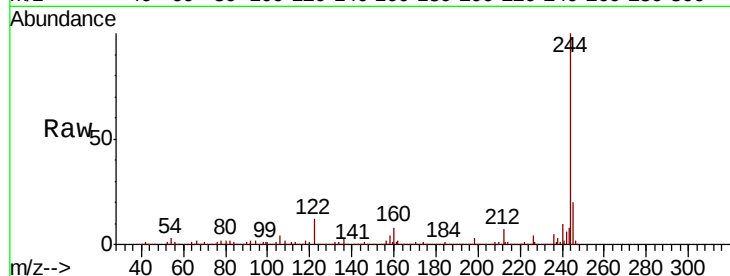
Tot Ion:244 Resp: 870159

Ion Ratio Lower Upper

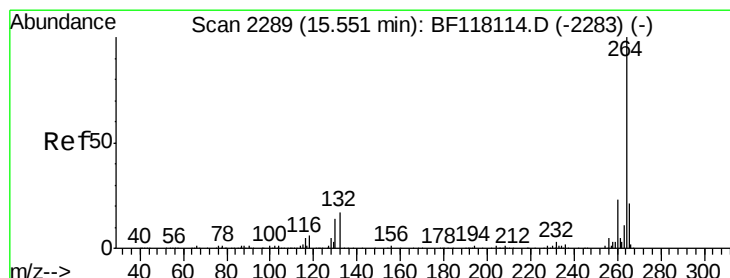
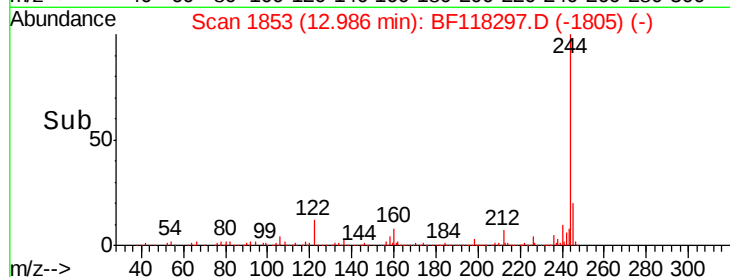
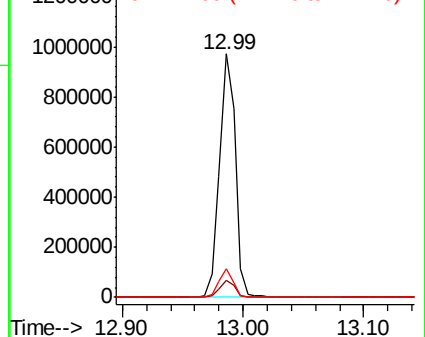
244 100

212 7.1 5.9 8.9

122 11.6 9.0 13.6



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: 15.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BF118297.D

Acq: 19 Dec 2019 23:35

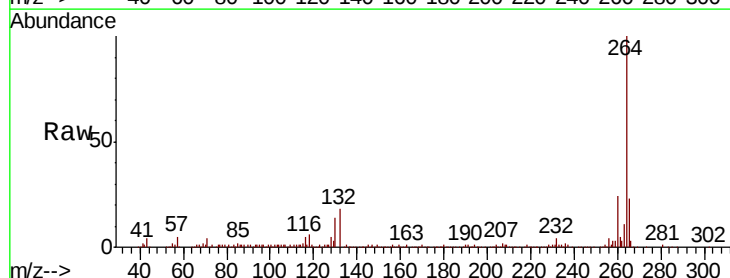
Tgt Ion:264 Resp: 249723

Ion Ratio Lower Upper

264 100

260 24.4 18.6 28.0

265 23.0 16.8 25.2



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

