

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF113020\  
 Data File : BF122509.D  
 Acq On : 30 Nov 2020 16:24  
 Operator : JU/CG  
 Sample : L4903-08  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3-4-COMP

Manual Integrations  
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 12/1/2020 10:42:54 AM

Quant Time: Nov 30 17:11:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 24 14:38:56 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.857  | 152  | 180316   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.139  | 136  | 708217   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.898  | 164  | 385366   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.380 | 188  | 744800   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.027 | 240  | 698804   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 15.498 | 264  | 619743   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.487  | 112  | 1138191  | 96.92  | ng    | 0.00      |
| 7) Phenol-d6                | 6.487  | 99   | 1270216  | 82.68  | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.416  | 82   | 1032313  | 89.24  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.686 | 330  | 569027   | 137.58 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.216  | 172  | 1913987  | 77.60  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.974 | 244  | 2376868  | 72.06  | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 10) Phenol                  | 6.498  | 94   | 36059    | 2.38   | ng    | Qvalue 84 |
| 32) Benzoic acid            | 7.910  | 122  | 7638m    | 8.91   | ng    |           |
| 50) Dimethylphthalate       | 9.610  | 163  | 130137   | 4.75   | ng    | 98        |
| -----                       |        |      |          |        |       |           |

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

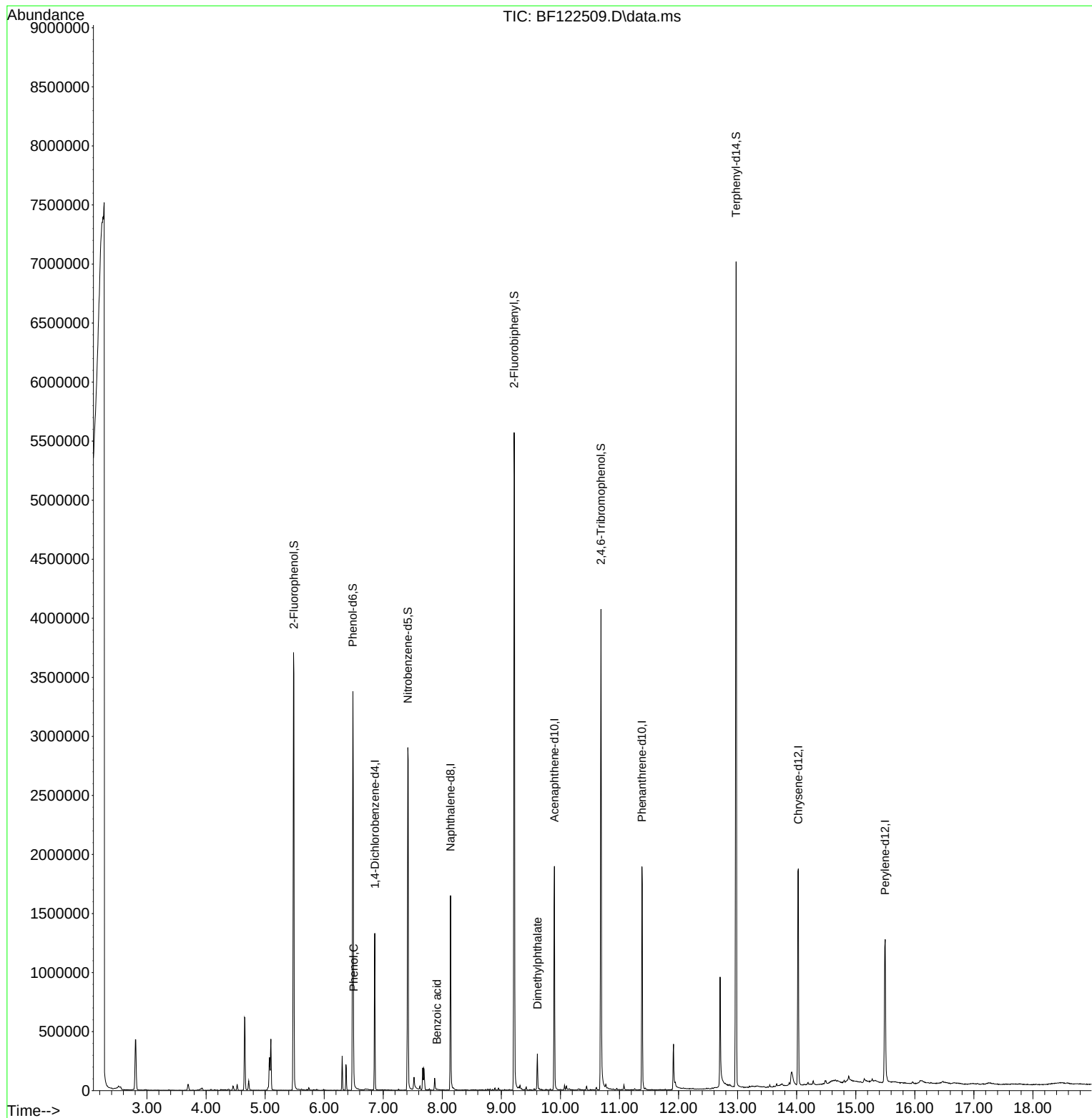
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Data File : BF122509.D  
Acq On : 30 Nov 2020 16:24  
Operator : JU/CG  
Sample : L4903-08  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

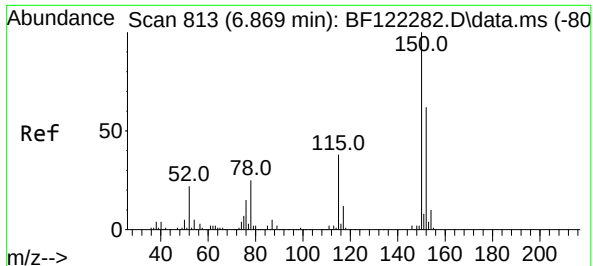
Instrument :  
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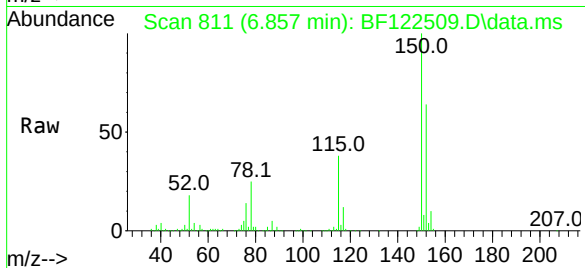
Quant Time: Nov 30 17:11:47 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 24 14:38:56 2020  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.857 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF122509.D  
Acq: 30 Nov 2020 16:24

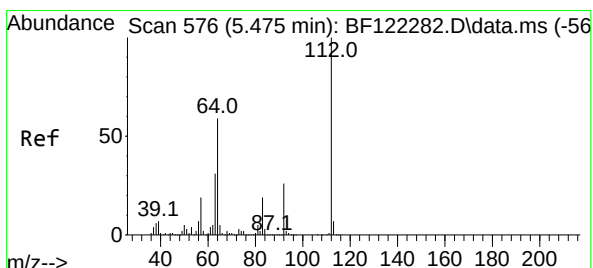
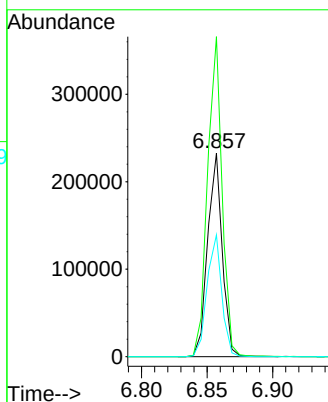
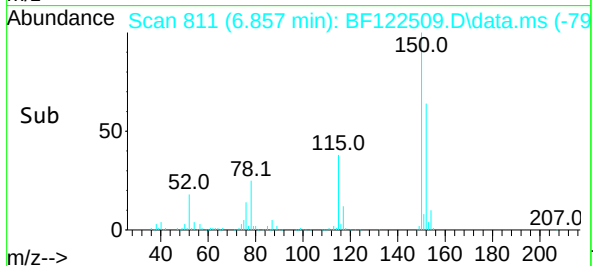
Instrument :  
BNA\_F  
ClientSampleId :  
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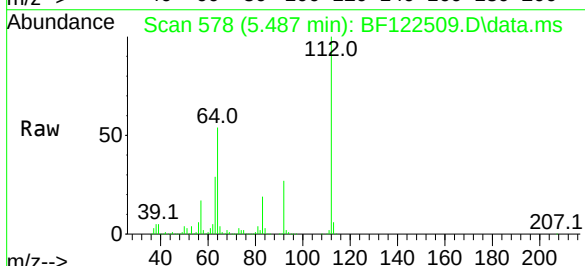
Tgt Ion:152 Resp: 180316  
Ion Ratio Lower Upper  
152 100  
150 157.2 125.3 187.9  
115 59.8 51.9 77.9

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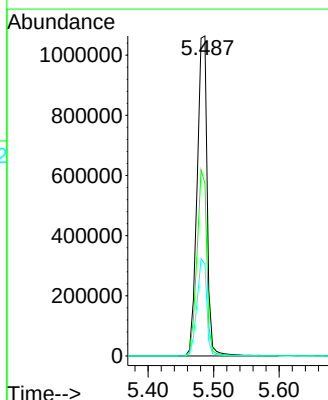
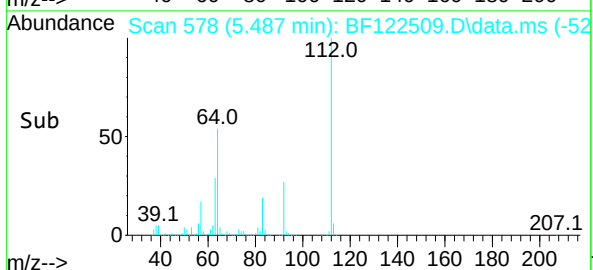
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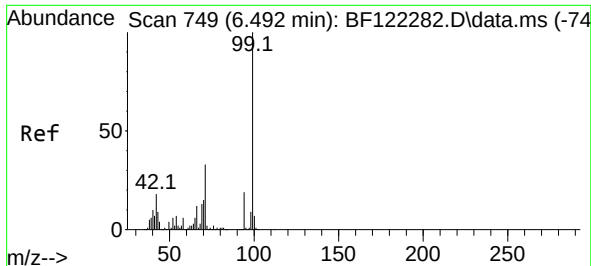


#5  
2-Fluorophenol  
Concen: 96.92 ng  
RT: 5.487 min Scan# 578  
Delta R.T. 0.006 min  
Lab File: BF122509.D  
Acq: 30 Nov 2020 16:24



Tgt Ion:112 Resp: 1138191  
Ion Ratio Lower Upper  
112 100  
64 54.0 50.4 75.6  
63 28.7 25.8 38.6





#7  
Phenol-d6  
Concen: 82.68 ng  
RT: 6.487 min Scan# 748  
Delta R.T. -0.012 min  
Lab File: BF122509.D  
Acq: 30 Nov 2020 16:24

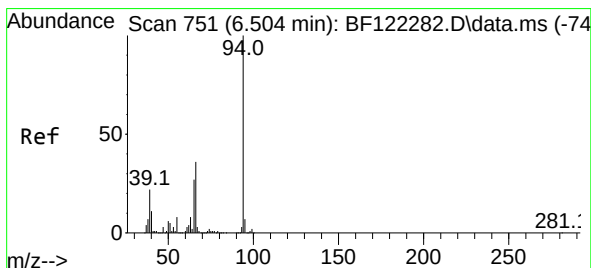
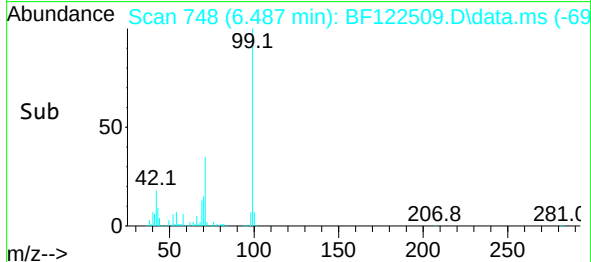
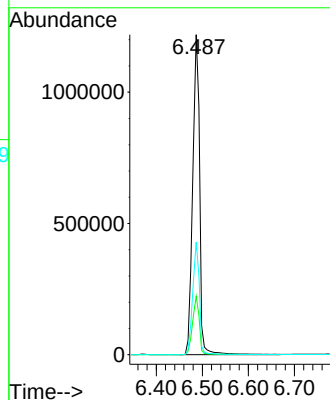
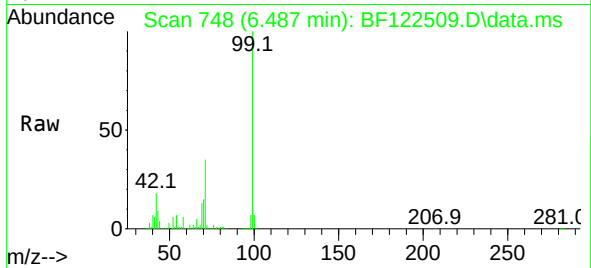
Tgt Ion: 99 Resp: 1270216

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.3  | 15.9  | 23.9  |
| 71  | 35.1  | 27.1  | 40.7  |

Instrument :  
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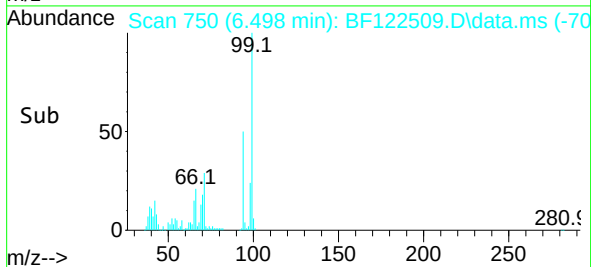
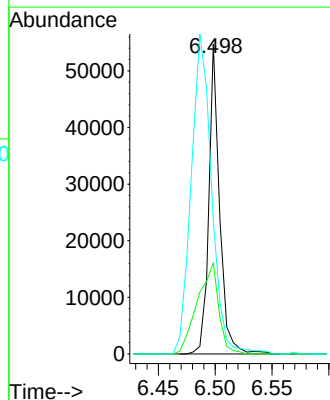
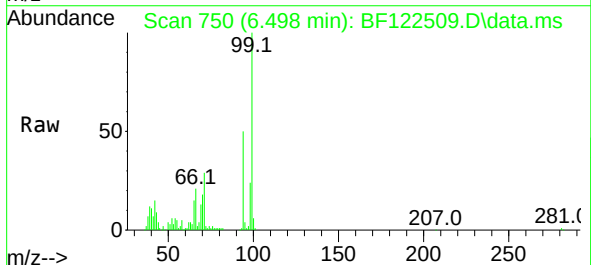
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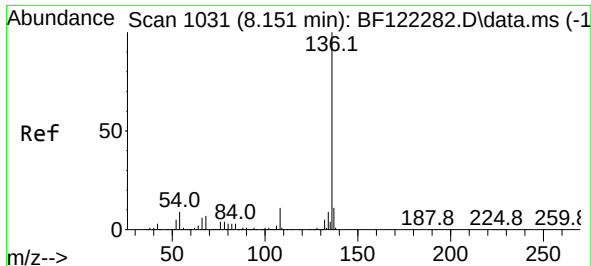


#10  
Phenol  
Concen: 2.38 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.012 min  
Lab File: BF122509.D  
Acq: 30 Nov 2020 16:24

Tgt Ion: 94 Resp: 36059

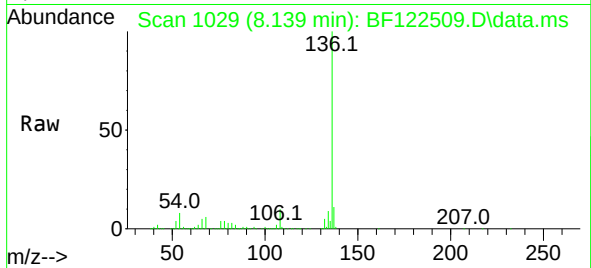
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 29.3  | 17.1  | 57.1  |
| 66  | 43.0  | 36.0  | 76.0  |





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: BF122509.D  
Acq: 30 Nov 2020 16:24

Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-4-COMP

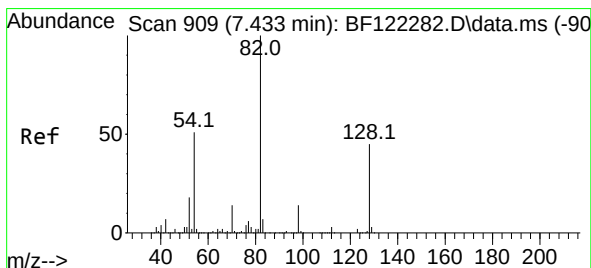
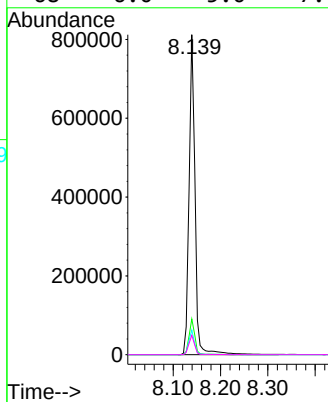
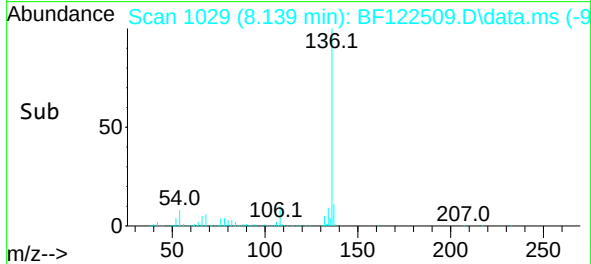


Tgt Ion:136 Resp: 708217

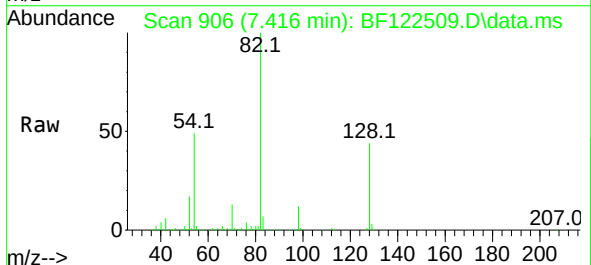
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.6   | 13.0  |
| 54  | 7.7   | 7.1   | 10.7  |
| 68  | 6.0   | 5.0   | 7.4   |

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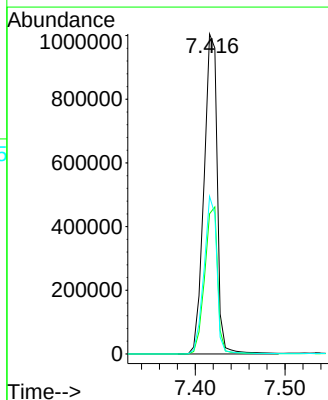
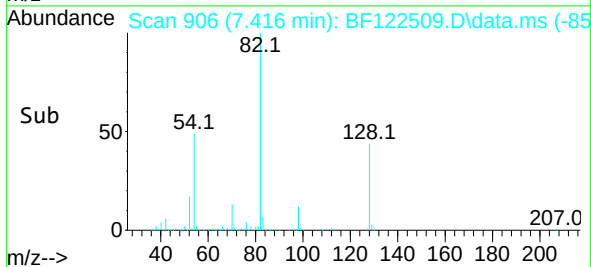


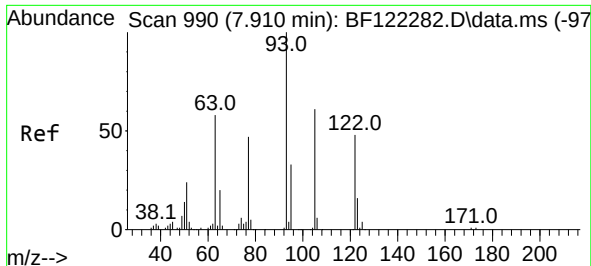
#23  
Nitrobenzene-d5  
Concen: 89.24 ng  
RT: 7.416 min Scan# 906  
Delta R.T. -0.012 min  
Lab File: BF122509.D  
Acq: 30 Nov 2020 16:24



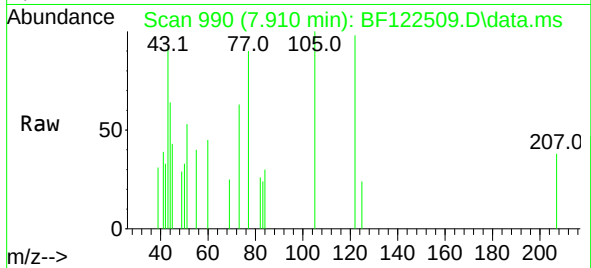
Tgt Ion: 82 Resp: 1032313

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.8  | 35.0  | 52.4  |
| 54  | 49.2  | 43.9  | 65.9  |

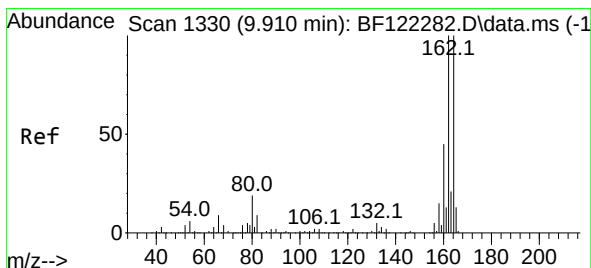
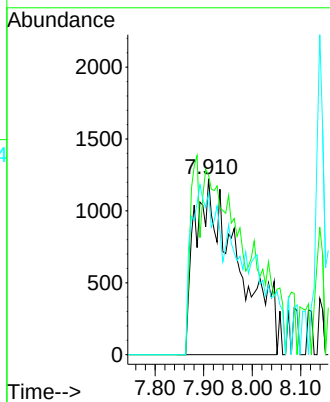
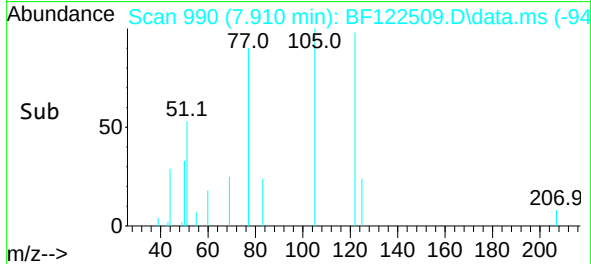




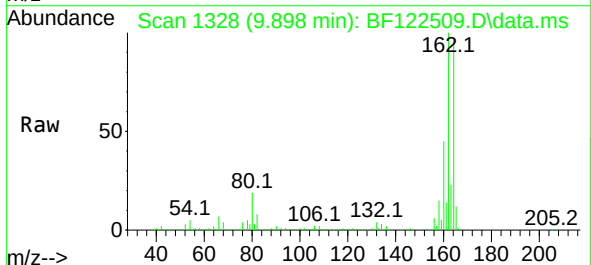
#32  
Benzoic acid  
Concen: 8.91 ng m  
RT: 7.910 min Scan# 990  
Delta R.T. -0.024 min  
Lab File: BF122509.D  
Acq: 30 Nov 2020 16:24



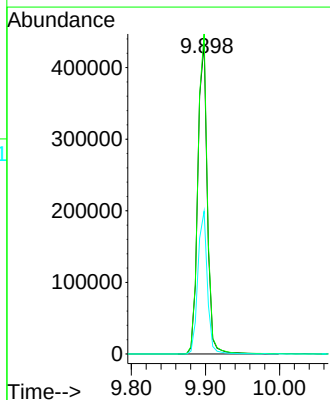
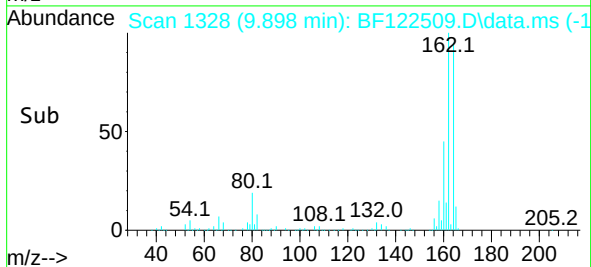
Tgt Ion:122 Resp: 7638  
Ion Ratio Lower Upper  
122 100  
105 102.1 103.3 143.3#  
77 91.9 73.9 113.9



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. -0.006 min  
Lab File: BF122509.D  
Acq: 30 Nov 2020 16:24



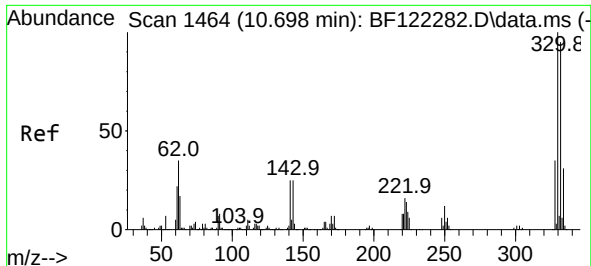
Tgt Ion:164 Resp: 385366  
Ion Ratio Lower Upper  
164 100  
162 103.1 83.2 124.8  
160 46.0 37.5 56.3



Instrument :  
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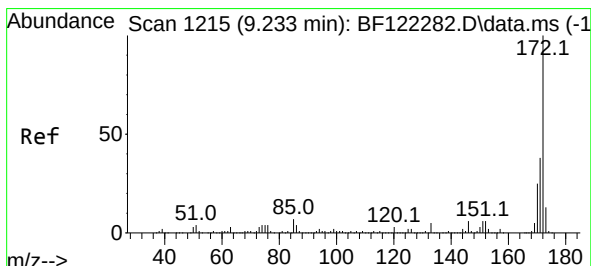
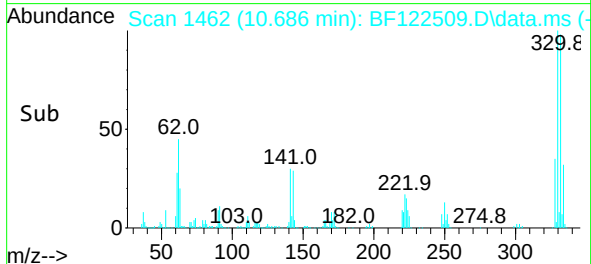
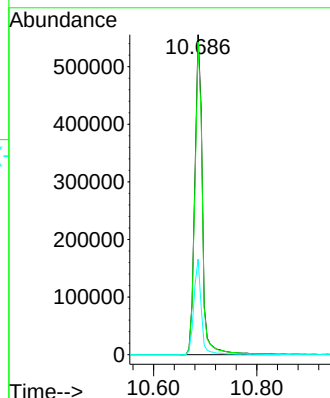
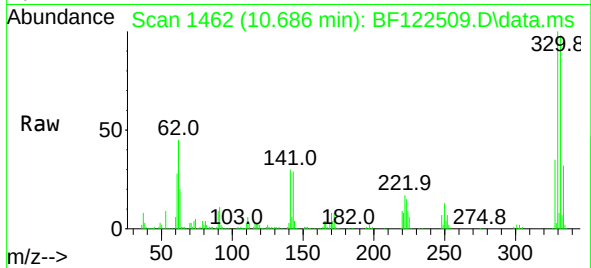
#42  
2,4,6-Tribromophenol  
Concen: 137.58 ng  
RT: 10.686 min Scan# 1462  
Delta R.T. -0.006 min  
Lab File: BF122509.D  
Acq: 30 Nov 2020 16:24

Tgt Ion: 330 Resp: 569027  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.3 115.9  
141 29.2 22.3 33.5

Instrument :  
BNA\_F  
ClientSampleId :  
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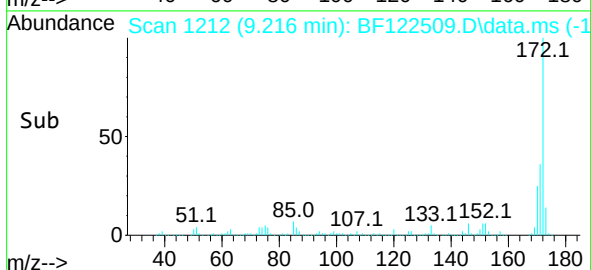
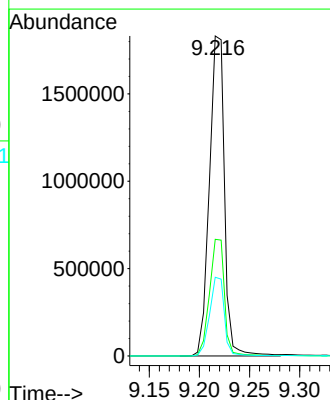
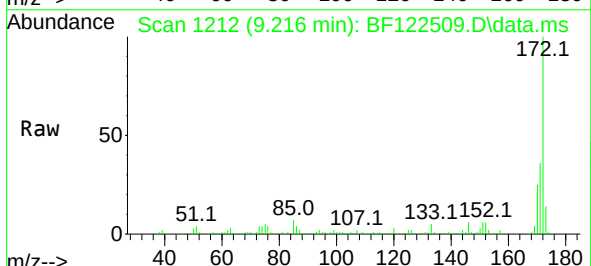
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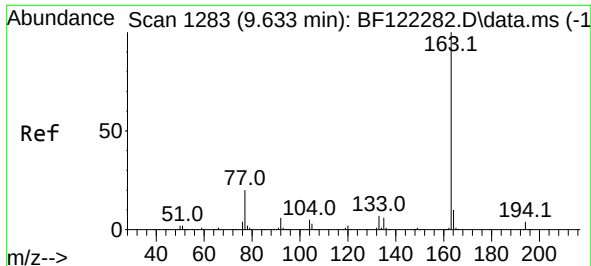
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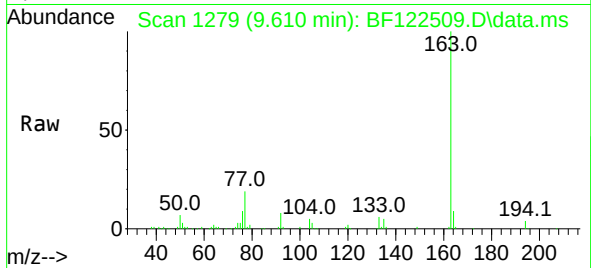
#45  
2-Fluorobiphenyl  
Concen: 77.60 ng  
RT: 9.216 min Scan# 1212  
Delta R.T. -0.006 min  
Lab File: BF122509.D  
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Tgt Ion: 172 Resp: 1913987  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.1 43.7  
170 24.6 19.8 29.6

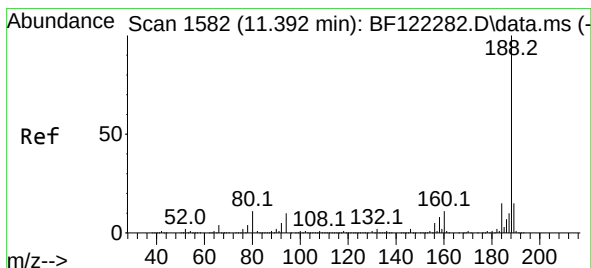
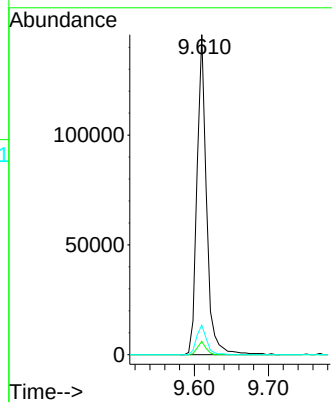
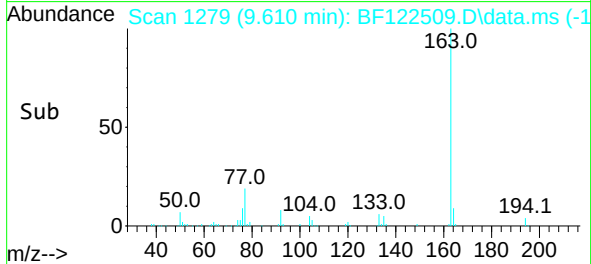




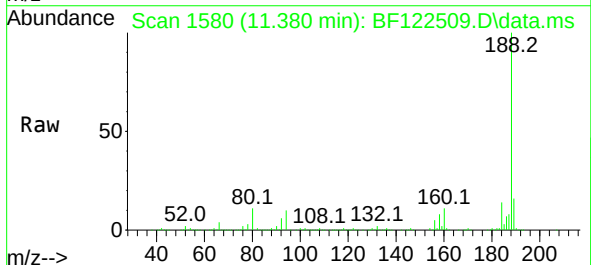
#50  
Dimethylphthalate  
Concen: 4.75 ng  
RT: 9.610 min Scan# 1279  
Delta R.T. -0.018 min  
Lab File: BF122509.D  
Acq: 30 Nov 2020 16:24



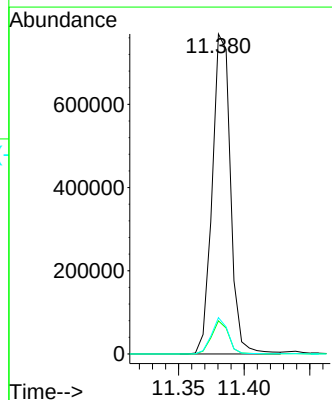
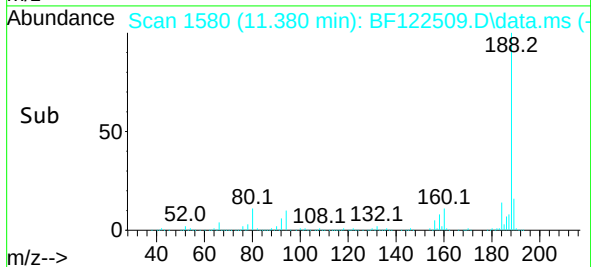
Tgt Ion:163 Resp: 130137  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 9.2 8.2 12.4



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.380 min Scan# 1580  
Delta R.T. -0.006 min  
Lab File: BF122509.D  
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Tgt Ion:188 Resp: 744800  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.3 12.5  
80 11.3 9.1 13.7

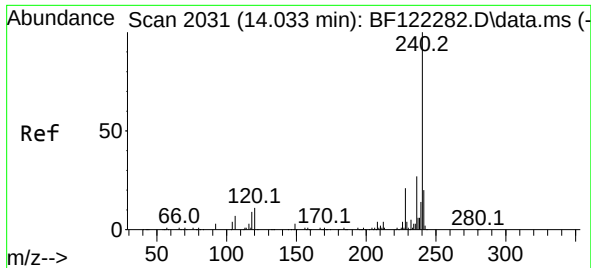


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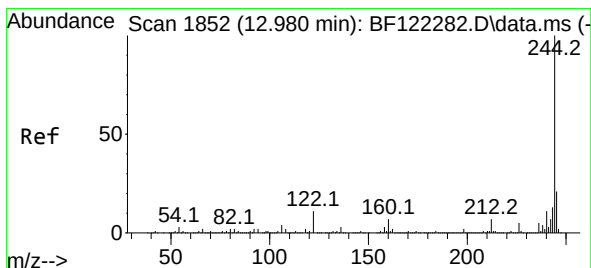
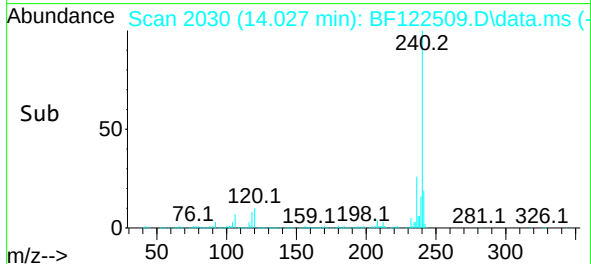
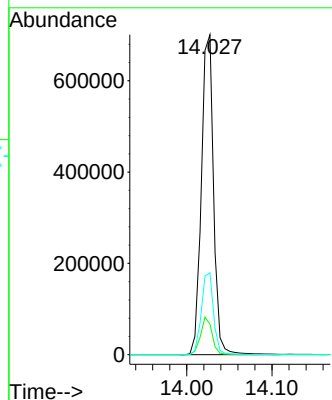
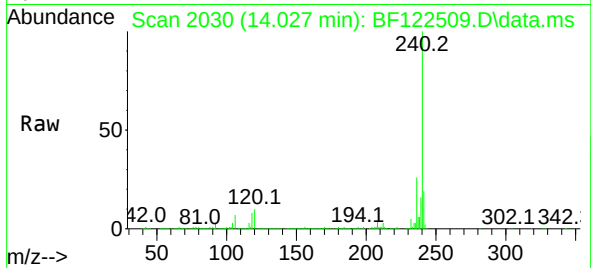
#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BF122509.D  
Acq: 30 Nov 2020 16:24

Tgt Ion:240 Resp: 698804  
Ion Ratio Lower Upper  
240 100  
120 9.5 9.2 13.8  
236 25.6 20.9 31.3

Instrument :  
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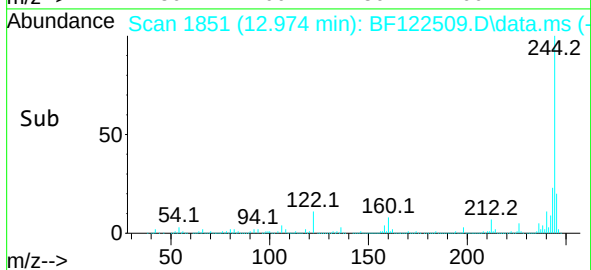
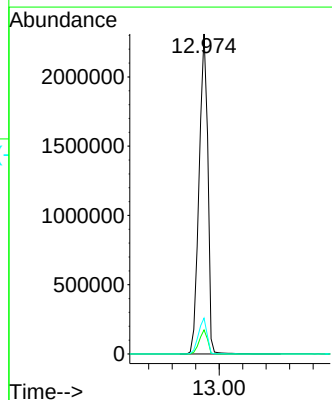
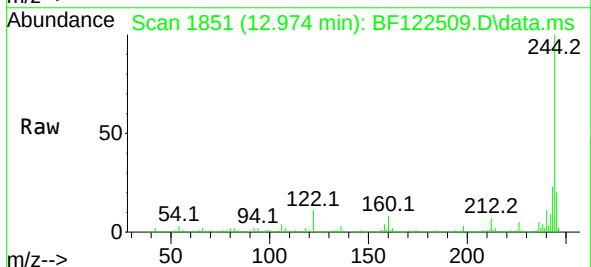
Manual Integrations  
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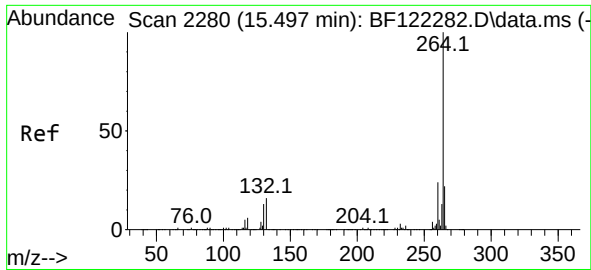
mohammad  
12/1/2020 10:42:54 AM



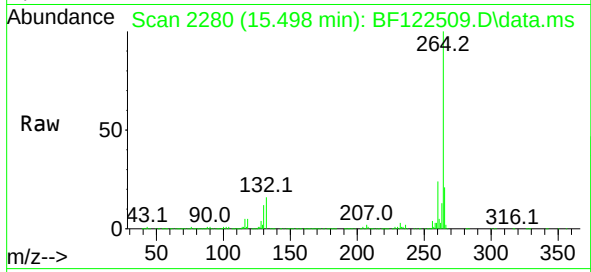
#79  
Terphenyl-d14  
Concen: 72.06 ng  
RT: 12.974 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: BF122509.D  
Acq: 30 Nov 2020 16:24

Tgt Ion:244 Resp: 2376868  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.4 8.2  
122 11.2 8.1 12.1



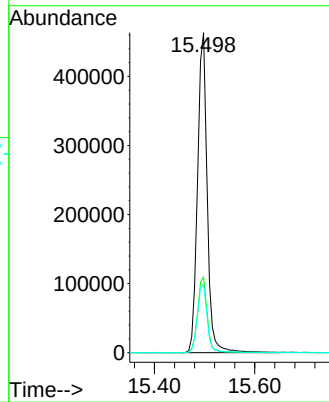
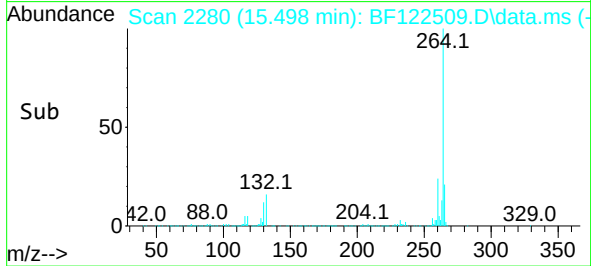


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.498 min Scan# 2280  
Delta R.T. -0.006 min  
Lab File: BF122509.D  
Acq: 30 Nov 2020 16:24



Tgt Ion:264 Resp: 619743  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.6  | 18.7  | 28.1  |
| 265 | 21.4  | 17.3  | 25.9  |



Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-4-COMP

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