

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112320\  
 Data File : BF122456.D  
 Acq On : 23 Nov 2020 19:55  
 Operator : JU/CG  
 Sample : L4876-03  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TB-2C

Manual Integrations  
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Quant Time: Nov 24 00:27:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 20 13:27:02 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 180916   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 680202   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.910  | 164  | 340693   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 566379   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.039 | 240  | 482240   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.521 | 264  | 560821   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.492  | 112  | 1325234  | 112.48 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 1649568  | 107.02 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 1020840  | 91.88  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 454840   | 124.39 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.227  | 172  | 1824032  | 83.65  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 1644055  | 72.22  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 10) Phenol                  | 6.510  | 94   | 118351   | 7.80   | ng    | # 74     |
| 50) Dimethylphthalate       | 9.622  | 163  | 96718    | 3.99   | ng    | 100      |
| 88) Benzo(b)fluoranthene    | 15.086 | 252  | 74124m   | 2.04   | ng    |          |
| -----                       |        |      |          |        |       |          |

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

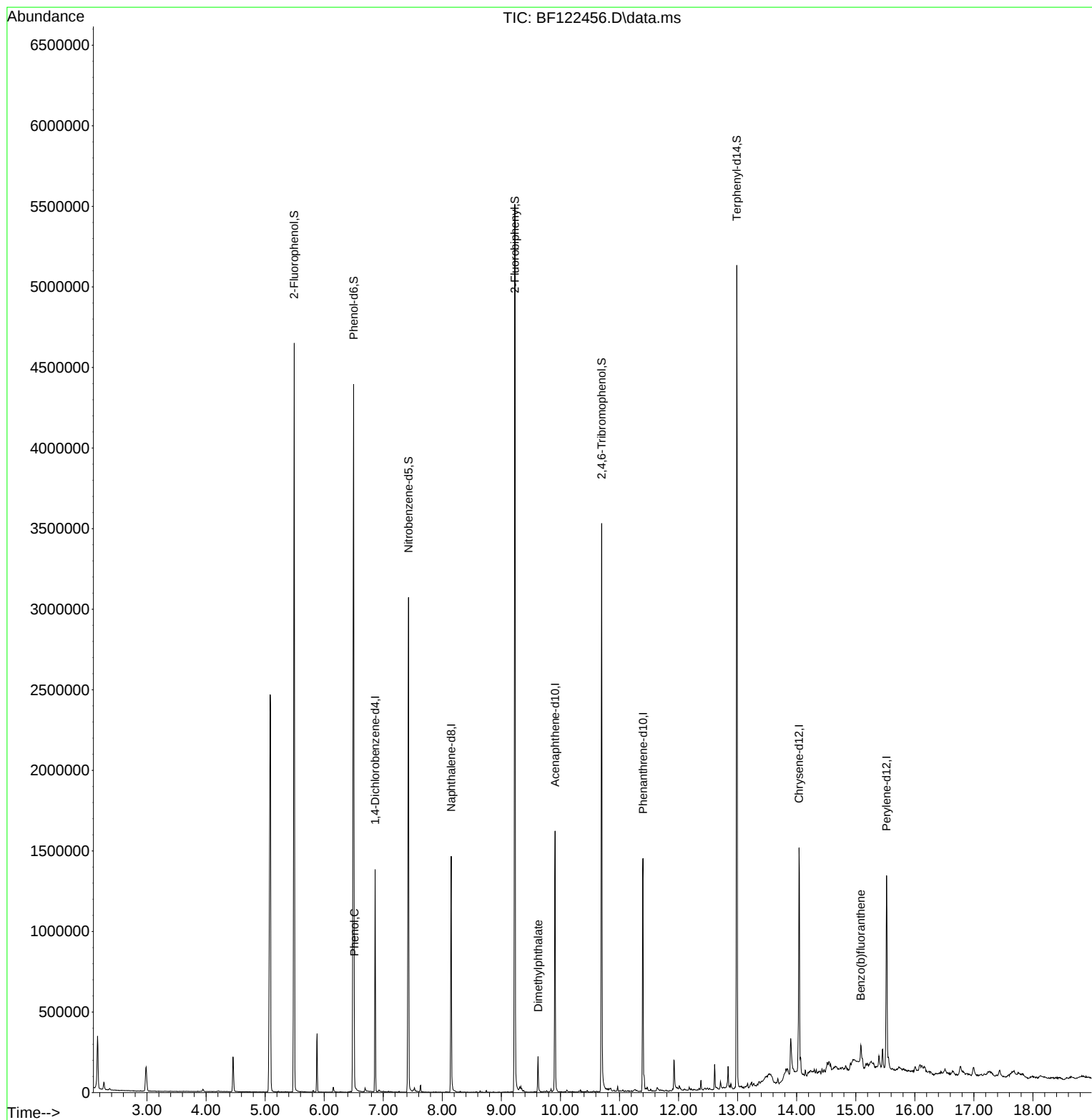
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Data File : BF122456.D  
Acq On : 23 Nov 2020 19:55  
Operator : JU/CG  
Sample : L4876-03  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TB-2C

Manual Integrations  
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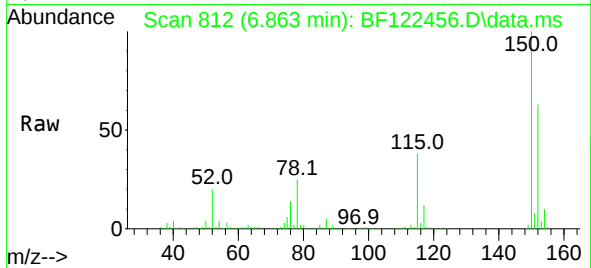
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Quant Time: Nov 24 00:27:54 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 20 13:27:02 2020  
Response via : Initial Calibration

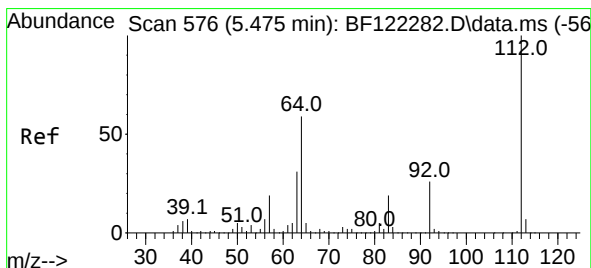
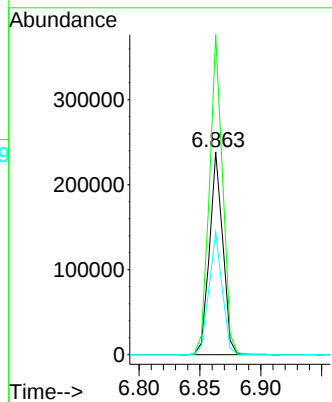
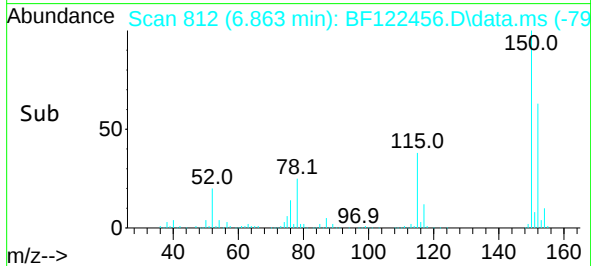




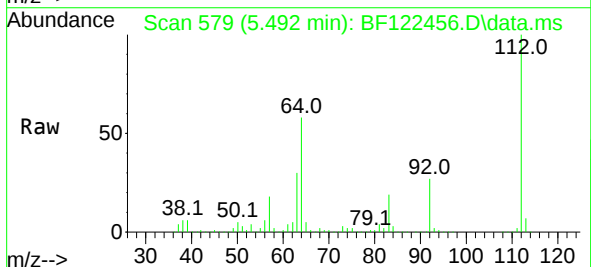
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.863 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55



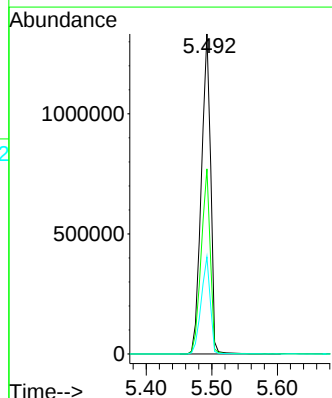
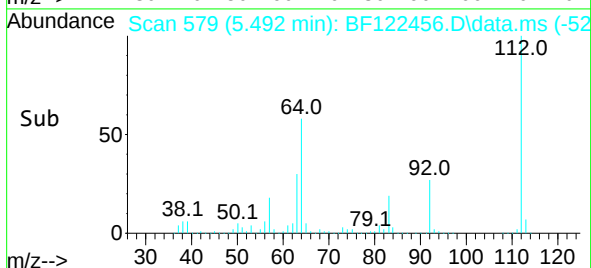
Tgt Ion:152 Resp: 180916  
Ion Ratio Lower Upper  
152 100  
150 157.9 125.3 187.9  
115 60.5 51.9 77.9



#5  
2-Fluorophenol  
Concen: 112.48 ng  
RT: 5.492 min Scan# 579  
Delta R.T. -0.000 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55



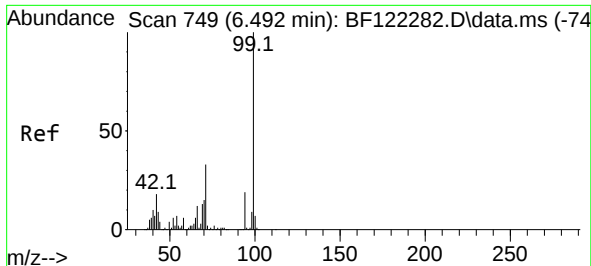
Tgt Ion:112 Resp: 1325234  
Ion Ratio Lower Upper  
112 100  
64 57.9 50.4 75.6  
63 30.4 25.8 38.6



Instrument :  
BNA\_F  
ClientSampled :  
TB-2C

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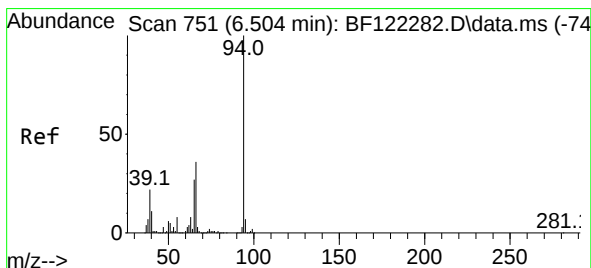
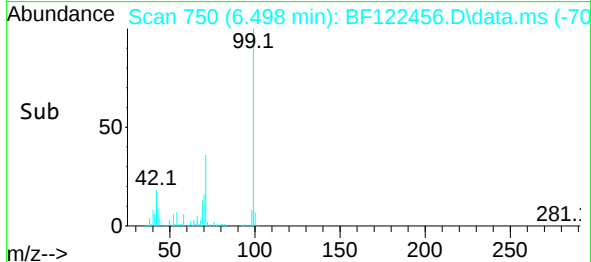
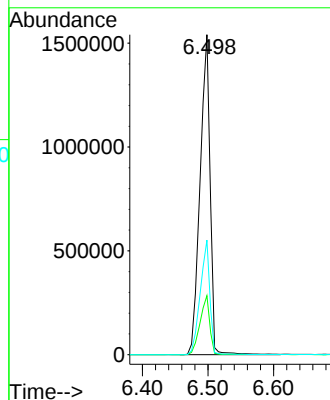
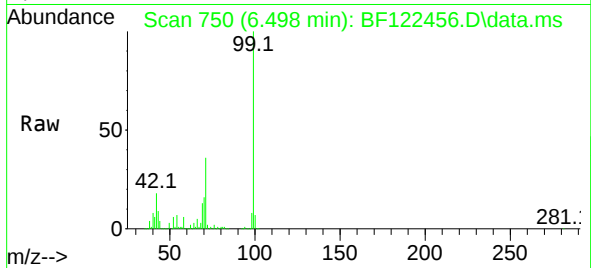
#7  
Phenol-d6  
Concen: 107.02 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.012 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55

Tgt Ion: 99 Resp: 1649568  
Ion Ratio Lower Upper  
99 100  
42 18.5 15.9 23.9  
71 35.8 27.1 40.7

Instrument :  
BNA\_F  
ClientSampled :  
TB-2C

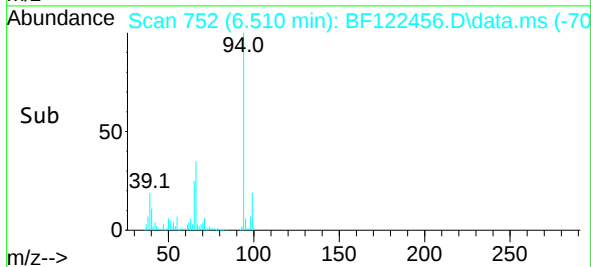
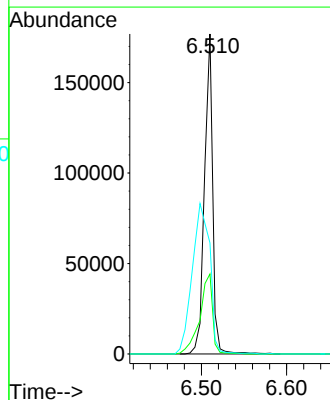
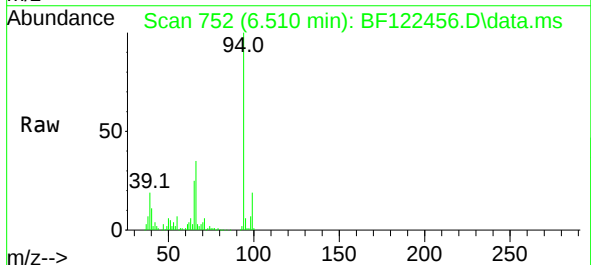
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#10  
Phenol  
Concen: 7.80 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55

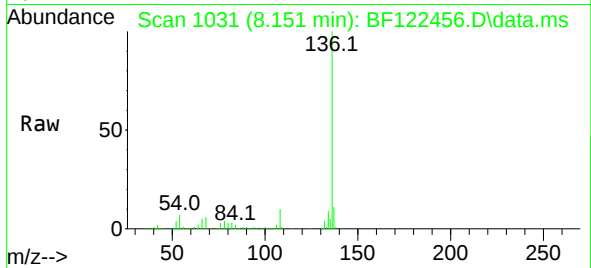
Tgt Ion: 94 Resp: 118351  
Ion Ratio Lower Upper  
94 100  
65 25.0 17.1 57.1  
66 34.7 36.0 76.0#





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55

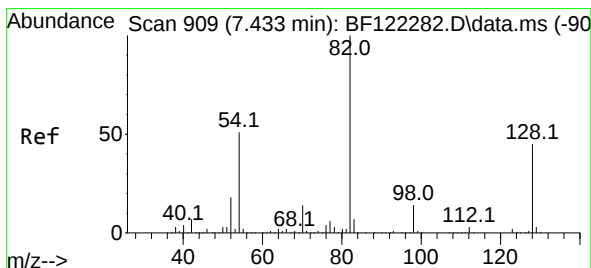
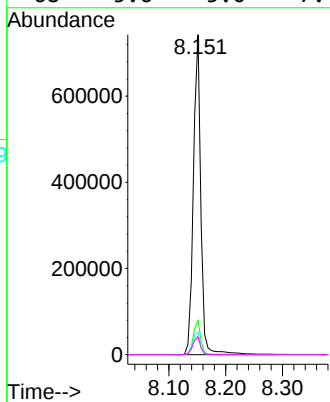
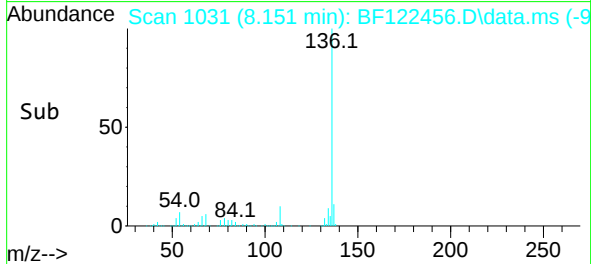
Instrument :  
BNA\_F  
ClientSampled :  
TB-2C



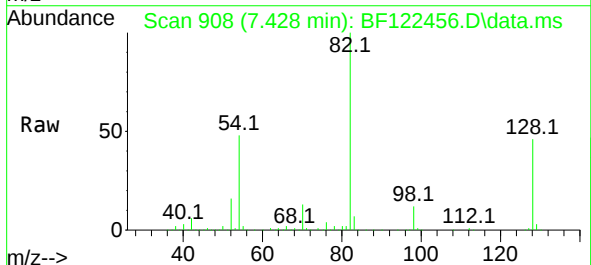
Tgt Ion:136 Resp: 680202  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 7.0 7.1 10.7#  
68 5.6 5.0 7.4

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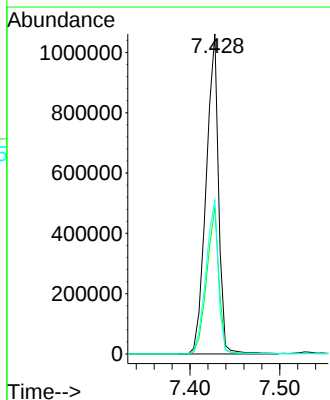
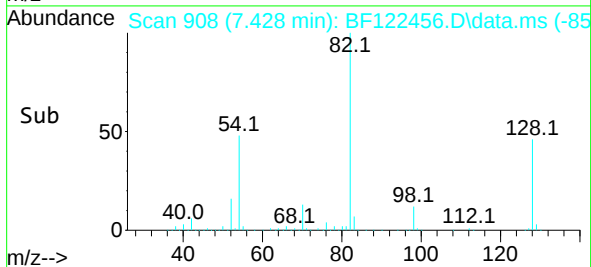
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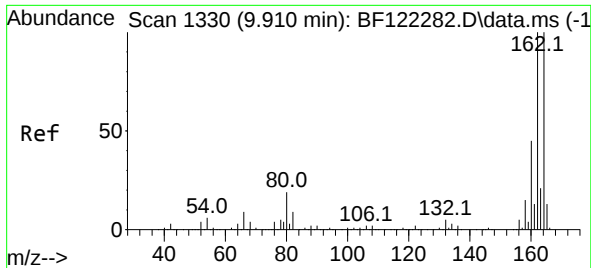


#23  
Nitrobenzene-d5  
Concen: 91.88 ng  
RT: 7.428 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55



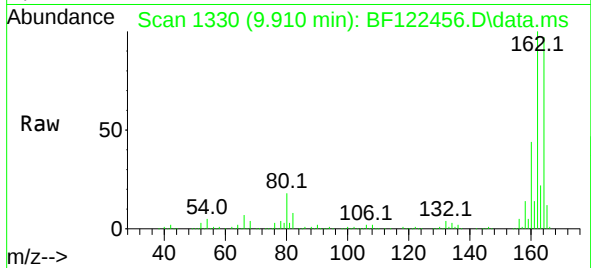
Tgt Ion: 82 Resp: 1020840  
Ion Ratio Lower Upper  
82 100  
128 45.8 35.0 52.4  
54 48.0 43.9 65.9





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55

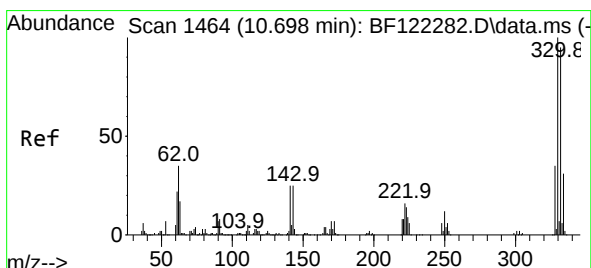
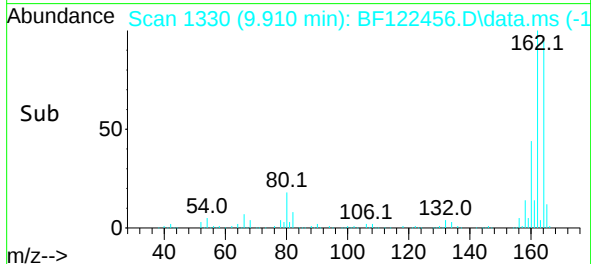
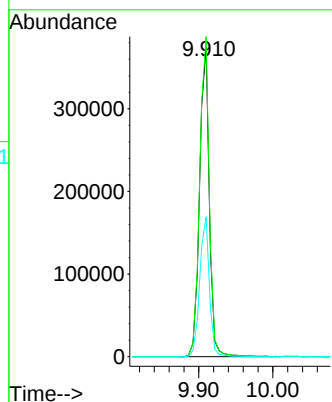
Instrument :  
BNA\_F  
ClientSampled :  
TB-2C



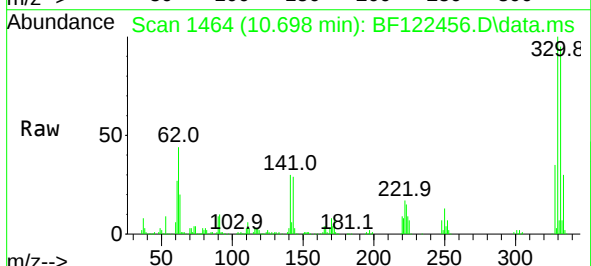
Tgt Ion:164 Resp: 340693  
Ion Ratio Lower Upper  
164 100  
162 103.3 83.2 124.8  
160 45.2 37.5 56.3

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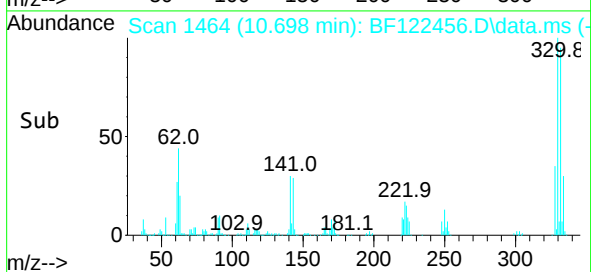
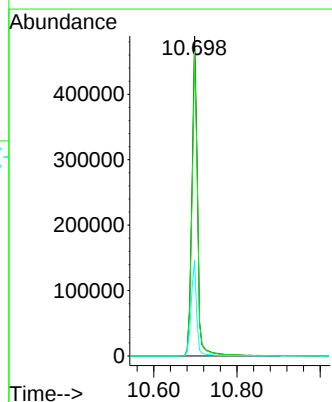
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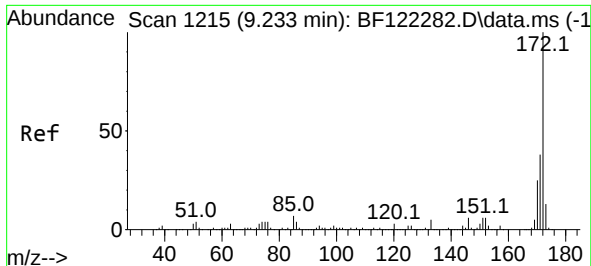


#42  
2,4,6-Tribromophenol  
Concen: 124.39 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55



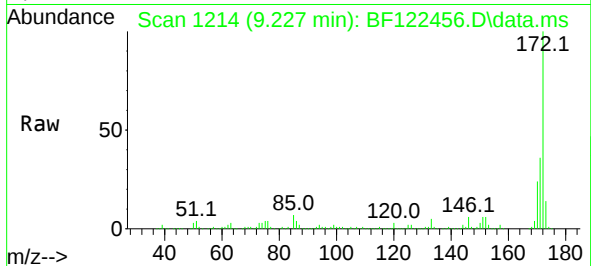
Tgt Ion:330 Resp: 454840  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.3 115.9  
141 29.9 22.3 33.5





#45  
2-Fluorobiphenyl  
Concen: 83.65 ng  
RT: 9.227 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55

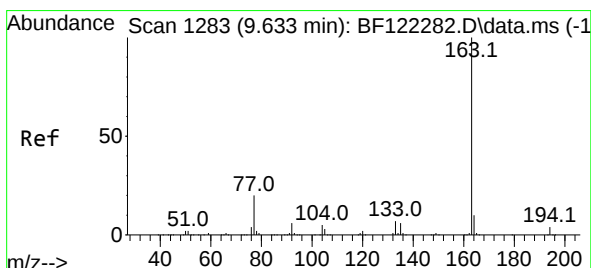
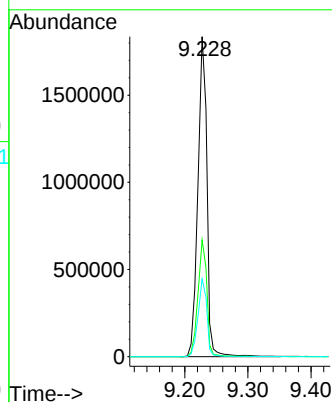
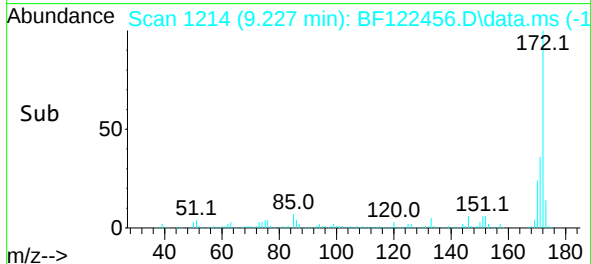
Instrument :  
BNA\_F  
ClientSampled :  
TB-2C



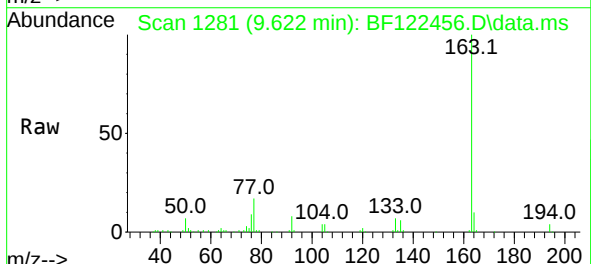
Tgt Ion:172 Resp: 1824032  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.1 43.7  
170 24.3 19.8 29.6

Manual Integrations  
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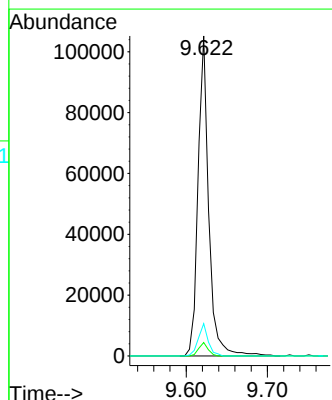
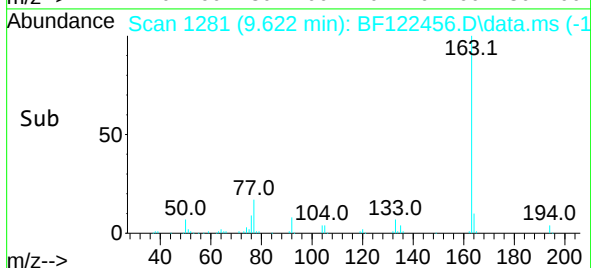
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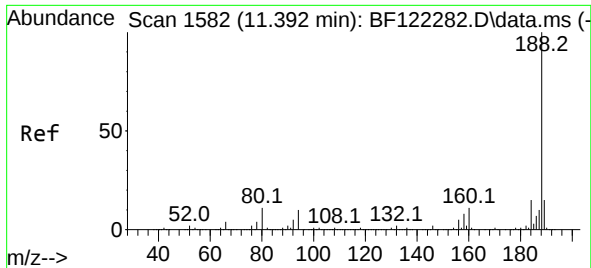


#50  
Dimethylphthalate  
Concen: 3.99 ng  
RT: 9.622 min Scan# 1281  
Delta R.T. -0.018 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55



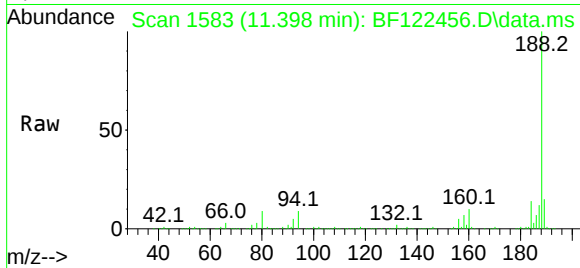
Tgt Ion:163 Resp: 96718  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.1 8.2 12.4





#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55

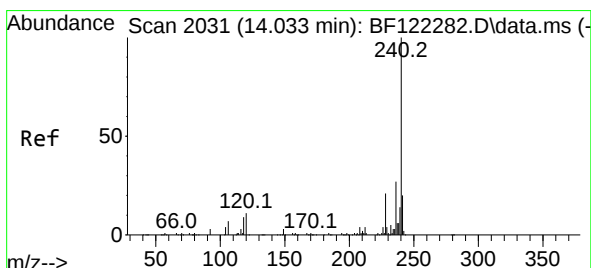
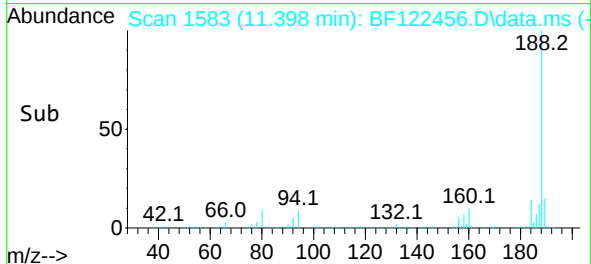
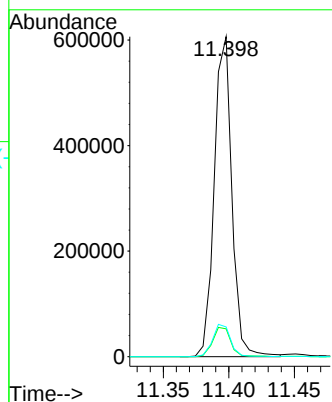
Instrument :  
BNA\_F  
ClientSampled :  
TB-2C



Tgt Ion:188 Resp: 566379  
Ion Ratio Lower Upper  
188 100  
94 8.7 8.3 12.5  
80 9.3 9.1 13.7

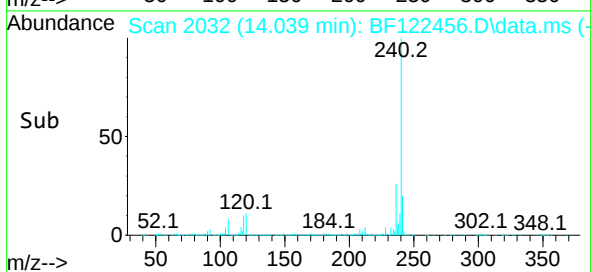
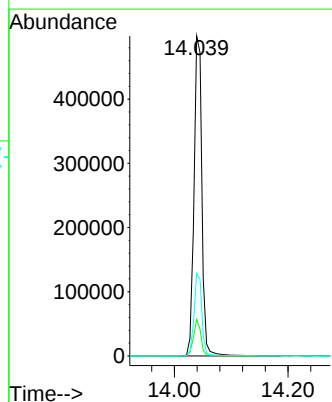
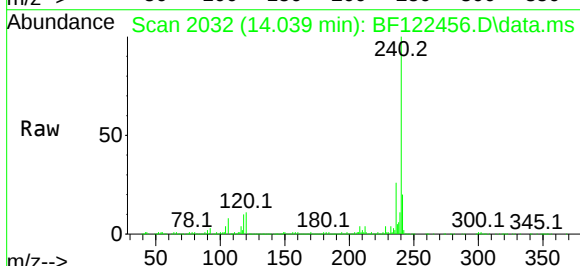
Manual Integrations  
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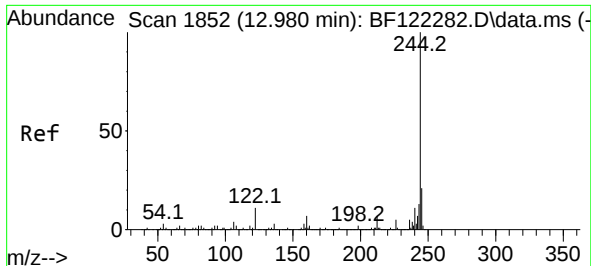
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11/25/2020 12:51:28 PM



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.012 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55

Tgt Ion:240 Resp: 482240  
Ion Ratio Lower Upper  
240 100  
120 11.4 9.2 13.8  
236 25.9 20.9 31.3





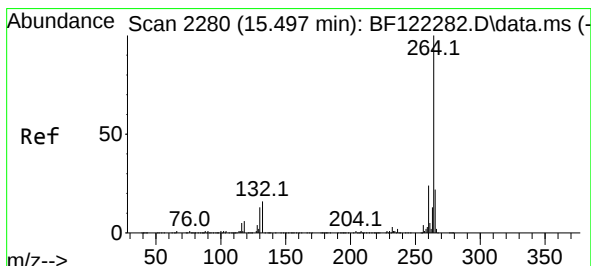
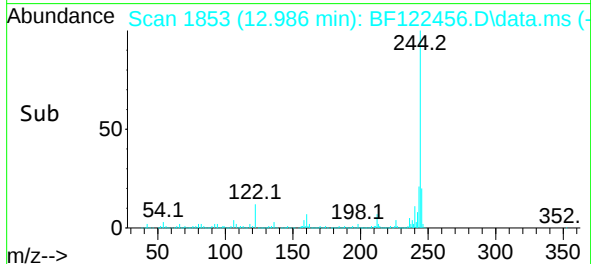
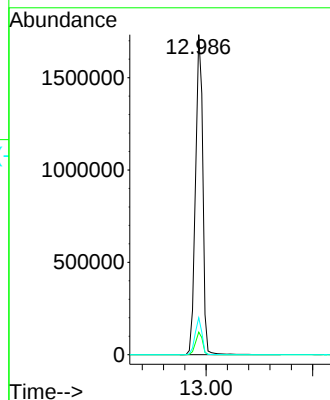
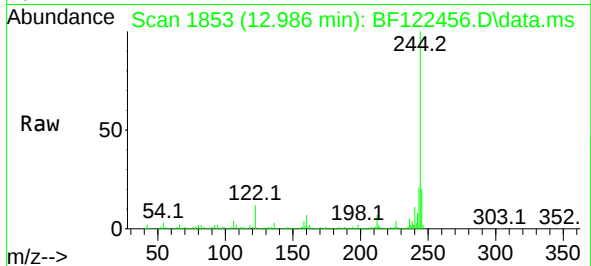
#79  
Terphenyl-d14  
Concen: 72.22 ng  
RT: 12.986 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55

Tgt Ion:244 Resp: 1644055  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.4 8.2  
122 11.6 8.1 12.1

Instrument :  
BNA\_F  
ClientSampled :  
TB-2C

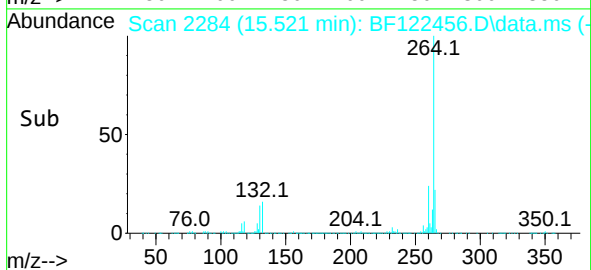
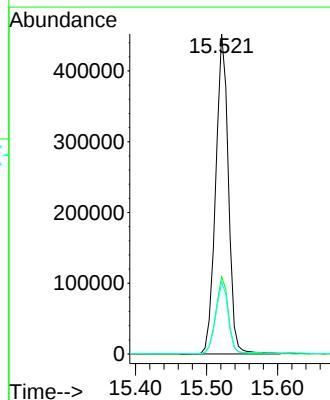
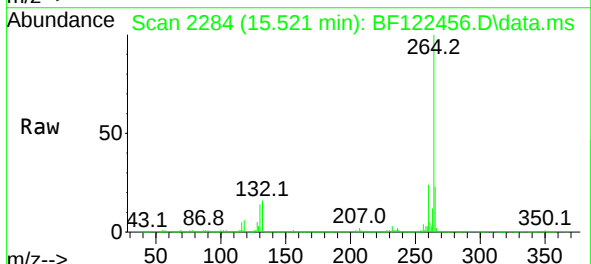
Manual Integrations  
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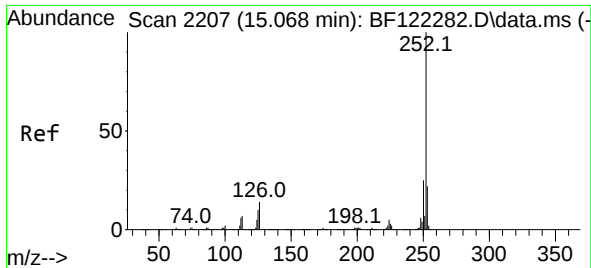
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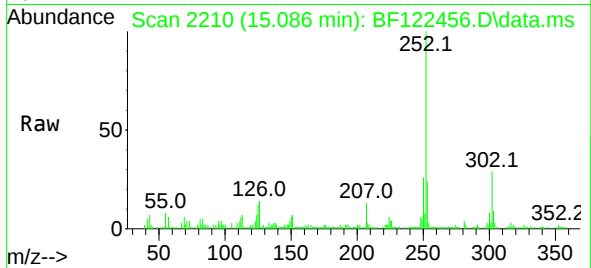
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.521 min Scan# 2284  
Delta R.T. -0.012 min  
Lab File: BF122456.D  
Acq: 23 Nov 2020 19:55

Tgt Ion:264 Resp: 560821  
Ion Ratio Lower Upper  
264 100  
260 24.1 18.7 28.1  
265 22.6 17.3 25.9

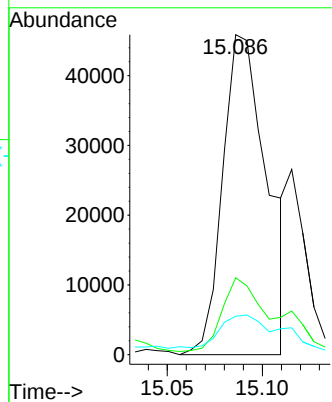
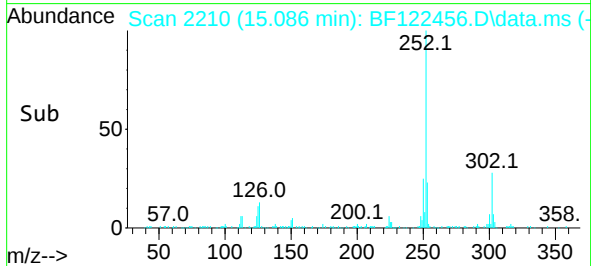




#88  
 Benzo(b)fluoranthene  
 Concen: 2.04 ng m  
 RT: 15.086 min Scan# 2210  
 Delta R.T. -0.012 min  
 Lab File: BF122456.D  
 Acq: 23 Nov 2020 19:55



Tgt Ion:252 Resp: 74124  
 Ion Ratio Lower Upper  
 252 100  
 253 24.0 18.2 27.2  
 125 12.0 8.0 12.0



Instrument :  
 BNA\_F  
 ClientSampleId :  
 TB-2C

Manual Integrations  
 APPROVED

mohammad  
 11/25/2020 12:51:28 PM