

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081222\  
 Data File : BF129750.D  
 Acq On : 12 Aug 2022 18:19  
 Operator : CG\JU  
 Sample : N4148-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 290533

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022  
 Supervised By :Sohil Jodhani 08/16/2022

Quant Time: Aug 13 04:53:07 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 12 15:52:45 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|---------|-------|-----------|
| -----                         |        |      |          |         |       |           |
| Internal Standards            |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 96596    | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8            | 8.110  | 136  | 335907   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10          | 9.910  | 164  | 158413   | 20.000  | ng    | # 0.04    |
| 64) Phenanthrene-d10          | 11.469 | 188  | 145968   | 20.000  | ng    | # 0.11    |
| 76) Chrysene-d12              | 14.074 | 240  | 207226   | 20.000  | ng    | # 0.06    |
| 86) Perylene-d12              | 15.521 | 264  | 223256   | 20.000  | ng    | 0.04      |
| System Monitoring Compounds   |        |      |          |         |       |           |
| 5) 2-Fluorophenol             | 5.469  | 112  | 706564   | 119.155 | ng    | 0.00      |
| 7) Phenol-d6                  | 6.486  | 99   | 864907   | 116.042 | ng    | 0.00      |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 489051   | 79.476  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol      | 10.739 | 330  | 143299   | 94.089  | ng    | 0.07      |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 770649   | 75.256  | ng    | 0.02      |
| 79) Terphenyl-d14             | 13.033 | 244  | 585741   | 53.326  | ng    | 0.09      |
| Target Compounds              |        |      |          |         |       |           |
| 31) Naphthalene               | 8.133  | 128  | 37206    | 2.180   | ng    | Qvalue 97 |
| 46) 1,1'-Biphenyl             | 9.316  | 154  | 38553    | 3.335   | ng    | # 49      |
| 75) Fluoranthene              | 12.692 | 202  | 26517    | 3.284   | ng    | # 1       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 36071    | 3.645   | ng    | # 74      |
| 85) Di-n-octyl phthalate      | 14.645 | 149  | 92680    | 6.508   | ng    | # 58      |
| 88) Benzo(b)fluoranthene      | 15.092 | 252  | 55855m   | 3.772   | ng    |           |
| -----                         |        |      |          |         |       |           |

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

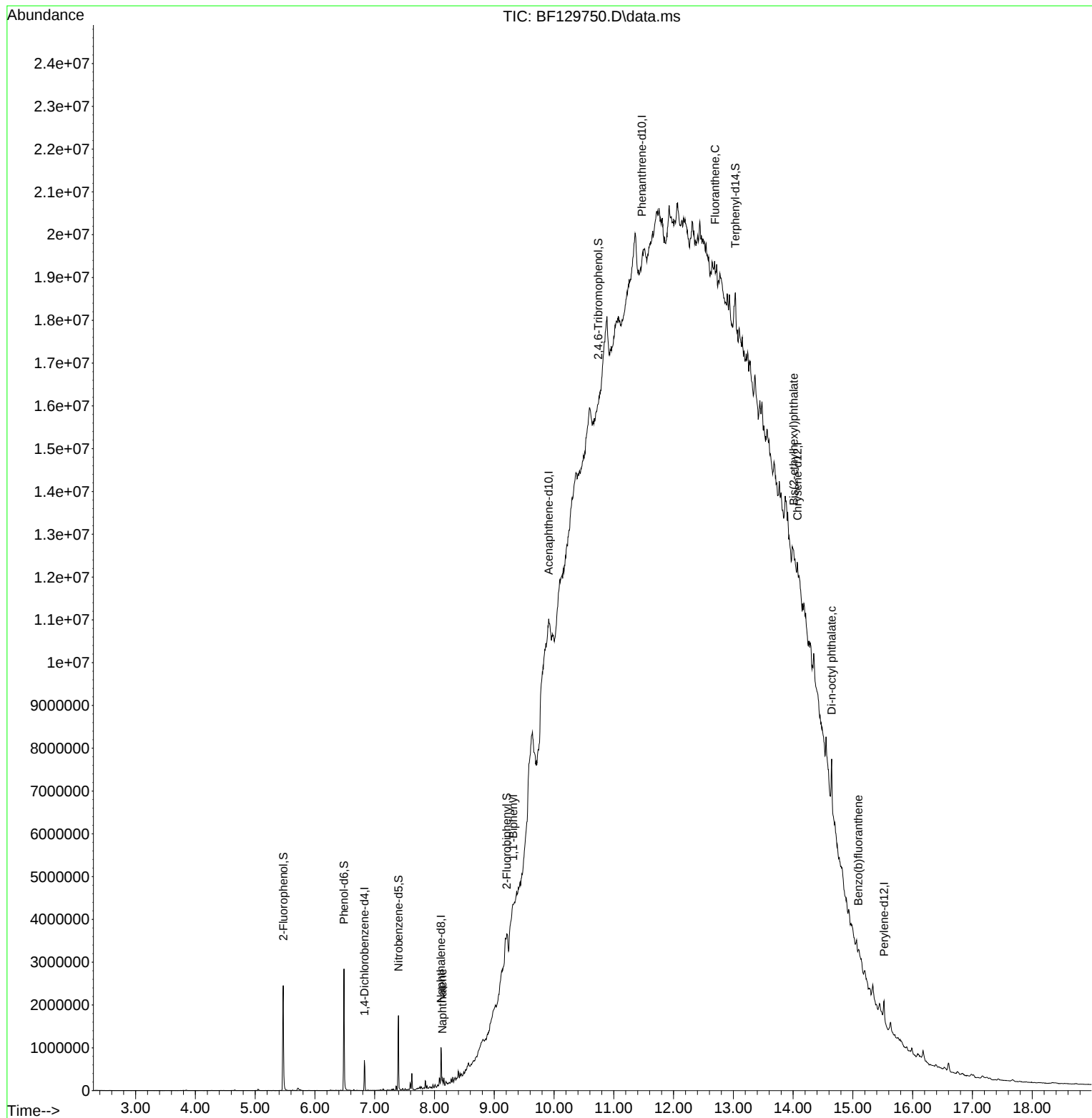
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081222\  
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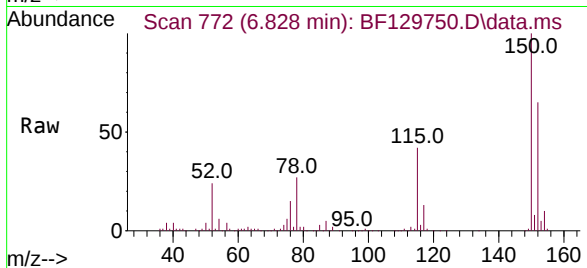
Reviewed By :Jagrut Upadhyay 08/15/2022  
Supervised By :Sohil Jodhani 08/16/2022





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19

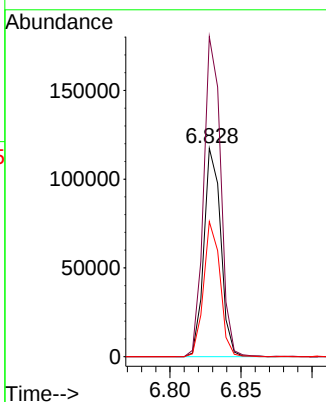
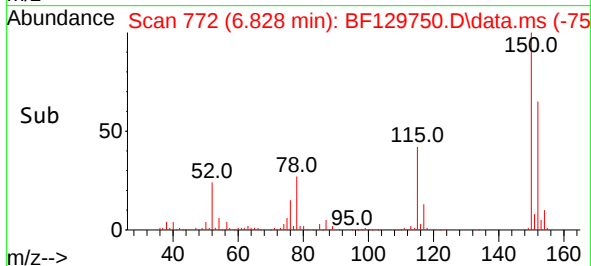
Instrument :  
BNA\_F  
ClientSampleId :  
290533



Tgt Ion:152 Resp: 96596  
Ion Ratio Lower Upper  
152 100  
150 153.6 123.7 185.5  
115 64.8 49.9 74.9

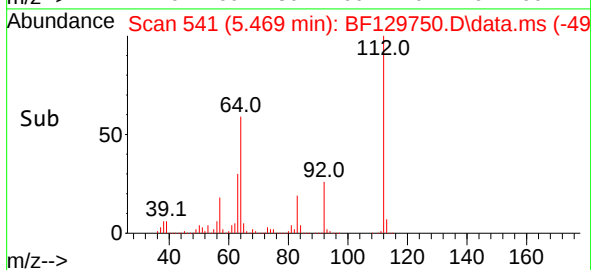
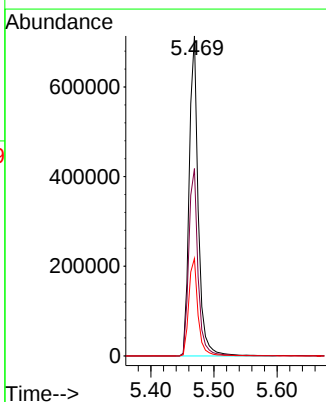
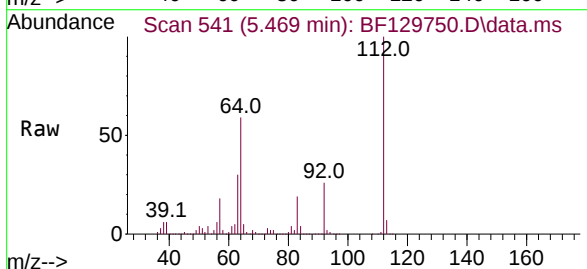
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#5  
2-Fluorophenol  
Concen: 119.155 ng  
RT: 5.469 min Scan# 541  
Delta R.T. -0.000 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19

Tgt Ion:112 Resp: 706564  
Ion Ratio Lower Upper  
112 100  
64 58.5 53.3 79.9  
63 30.4 28.0 42.0





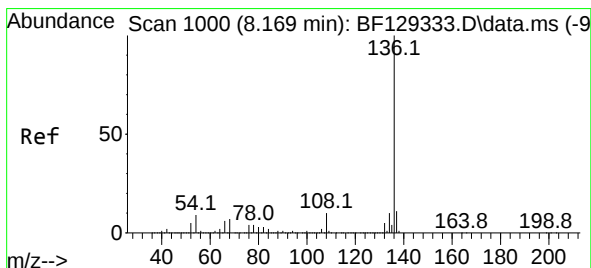
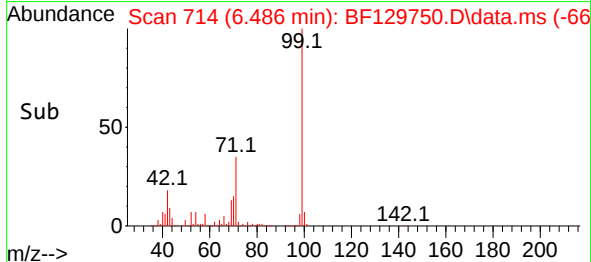
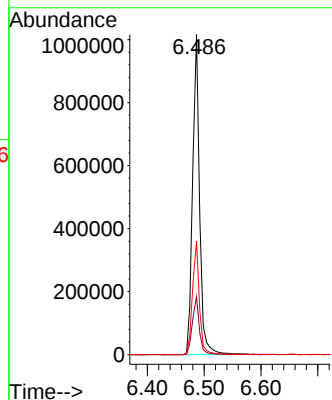
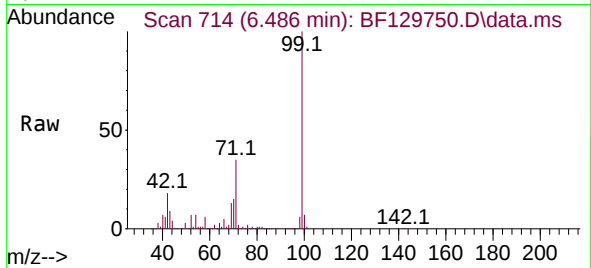
#7  
Phenol-d6  
Concen: 116.042 ng  
RT: 6.486 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 99 Resp: 864907  
Ion Ratio Lower Upper  
99 100  
42 18.1 17.3 25.9  
71 35.5 28.9 43.3

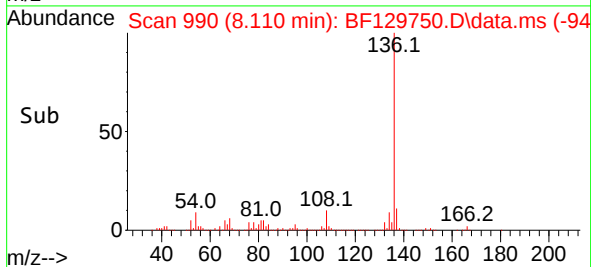
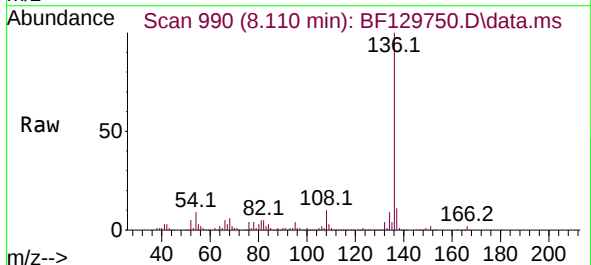
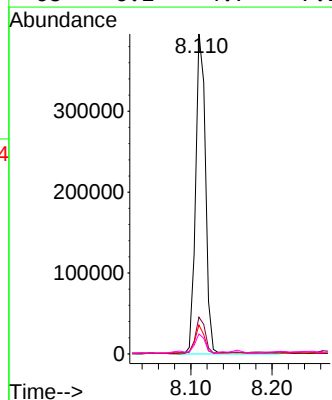
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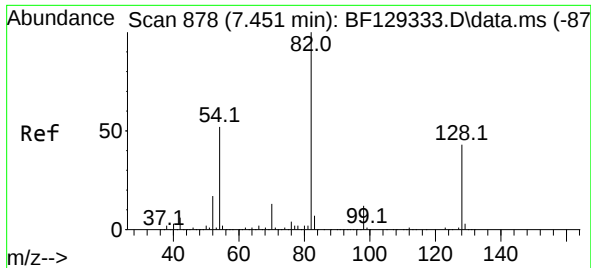
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Supervised By :Sohil Jodhani 08/16/2022



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19

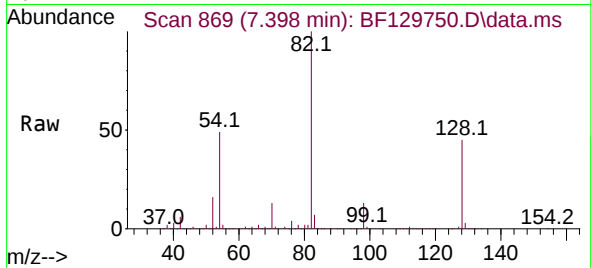
Tgt Ion:136 Resp: 335907  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.8 13.2  
54 9.0 7.5 11.3  
68 6.2 4.7 7.1





#23  
Nitrobenzene-d5  
Concen: 79.476 ng  
RT: 7.398 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19

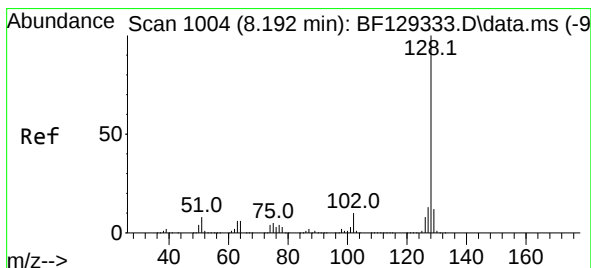
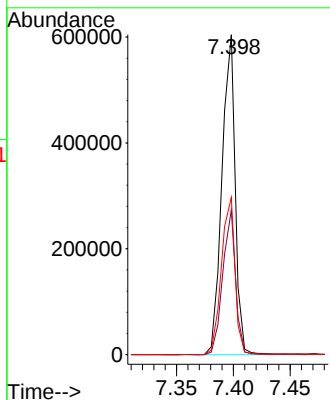
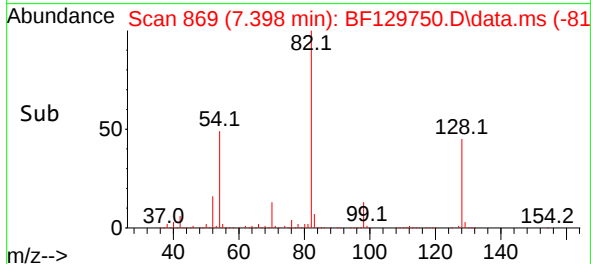
Instrument :  
BNA\_F  
ClientSampleId :  
290533



Tgt Ion: 82 Resp: 48905  
Ion Ratio Lower Upper  
82 100  
128 45.2 34.0 51.0  
54 49.1 46.9 70.3

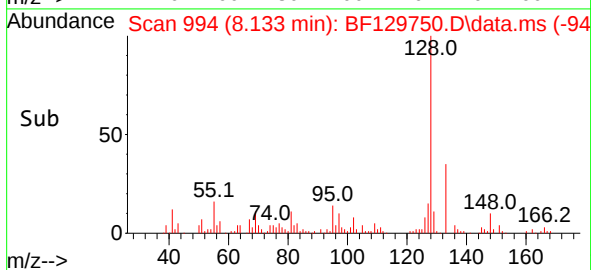
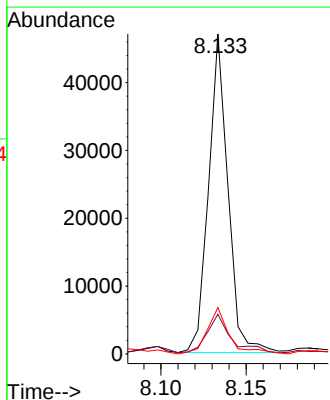
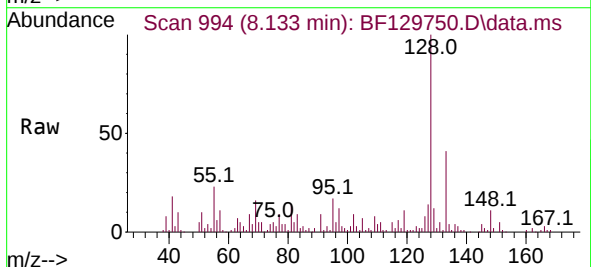
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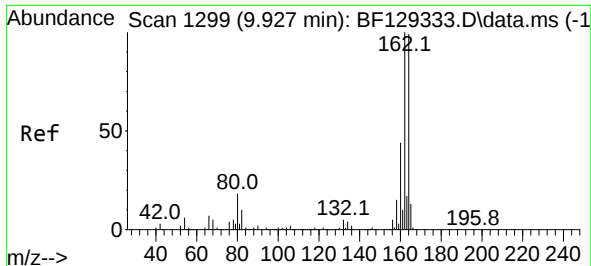
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Supervised By :Sohil Jodhani 08/16/2022



#31  
Naphthalene  
Concen: 2.180 ng  
RT: 8.133 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19

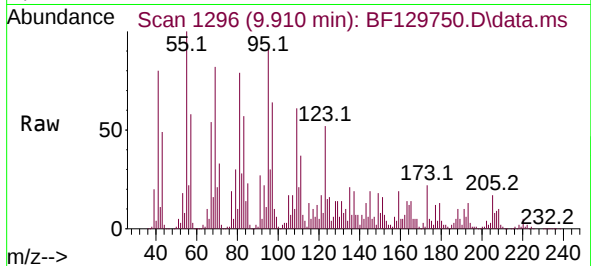
Tgt Ion:128 Resp: 37206  
Ion Ratio Lower Upper  
128 100  
129 12.4 9.2 13.8  
127 14.5 10.5 15.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1299  
Delta R.T. 0.041 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19

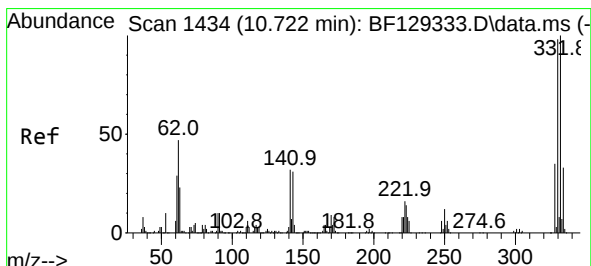
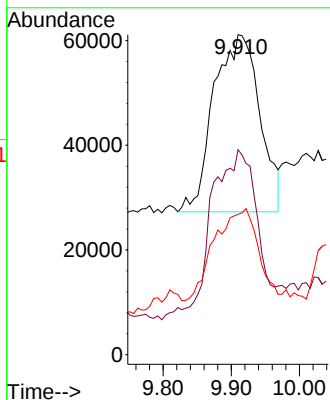
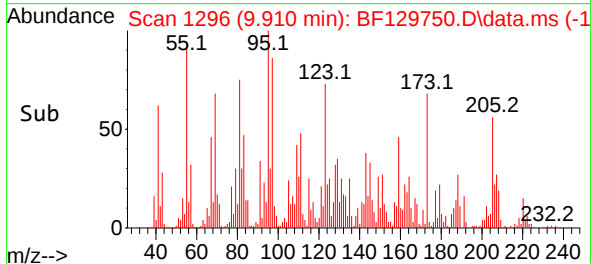
Instrument :  
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290533



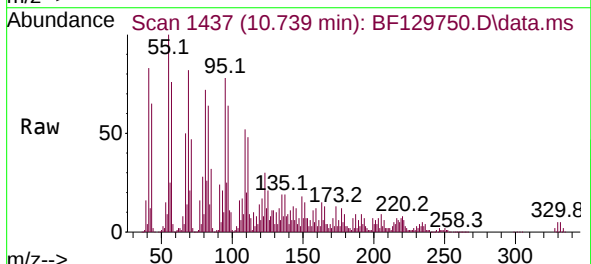
Tgt Ion:164 Resp: 158413  
Ion Ratio Lower Upper  
164 100  
162 64.0 79.5 119.3  
160 43.8 34.2 51.4

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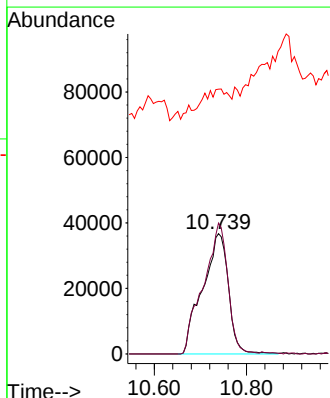
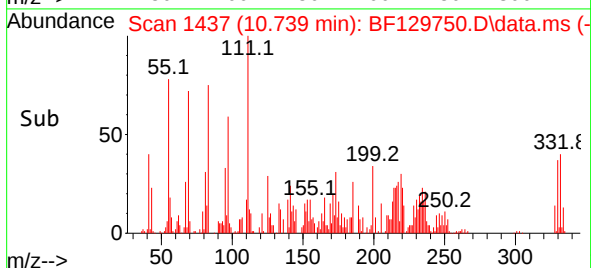
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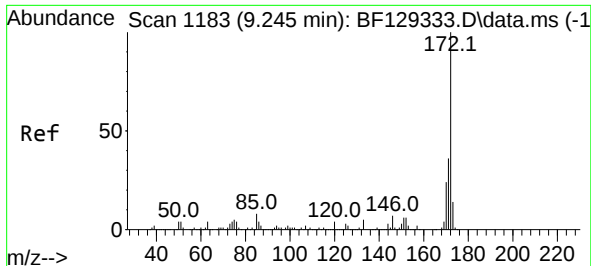


#42  
2,4,6-Tribromophenol  
Concen: 94.089 ng  
RT: 10.739 min Scan# 1437  
Delta R.T. 0.070 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19



Tgt Ion:330 Resp: 143299  
Ion Ratio Lower Upper  
330 100  
332 103.1 76.8 115.2  
141 13.3 28.0 42.0#





#45

2-Fluorobiphenyl

Concen: 75.256 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.018 min

Lab File: BF129750.D

Acq: 12 Aug 2022 18:19

Instrument :

BNA\_F

ClientSampleId :

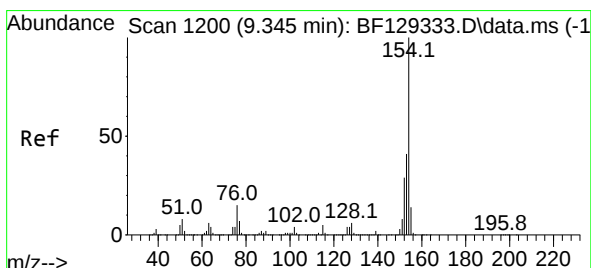
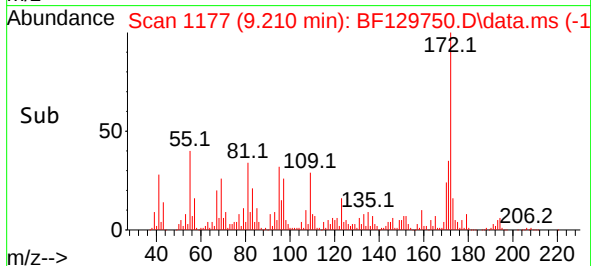
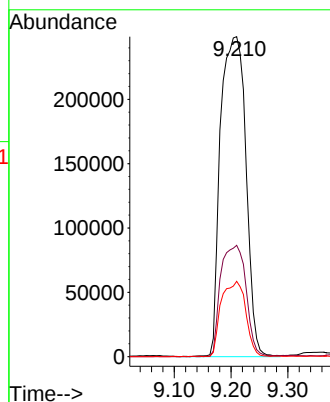
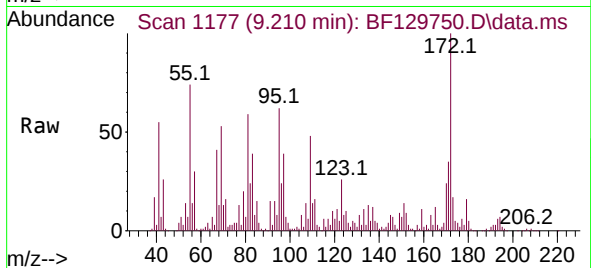
290533

|             |                |
|-------------|----------------|
| Tgt Ion:172 | Resp: 770649   |
| Ion Ratio   | Lower Upper    |
| 172         | 100            |
| 171         | 34.8 28.8 43.2 |
| 170         | 23.5 19.8 29.8 |

Manual Integrations

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Supervised By :Sohil Jodhani 08/16/2022



#46

1,1'-Biphenyl

Concen: 3.335 ng

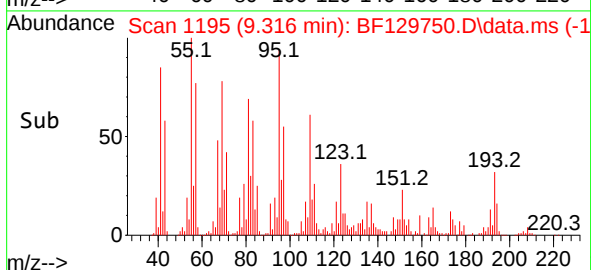
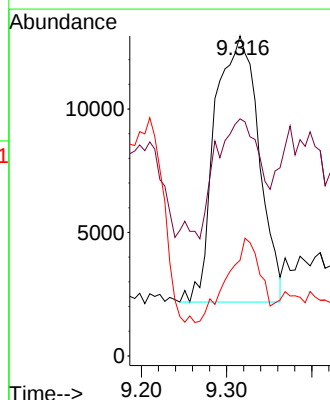
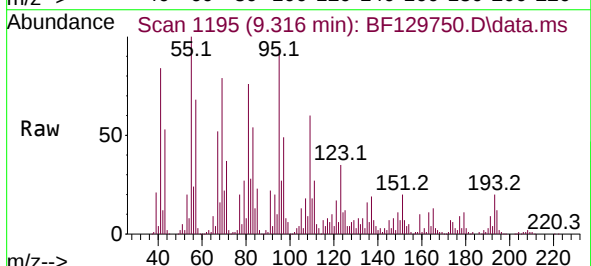
RT: 9.316 min Scan# 1195

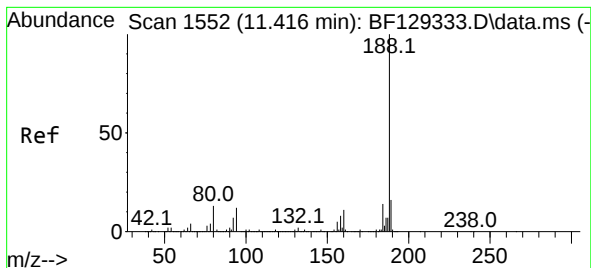
Delta R.T. 0.023 min

Lab File: BF129750.D

Acq: 12 Aug 2022 18:19

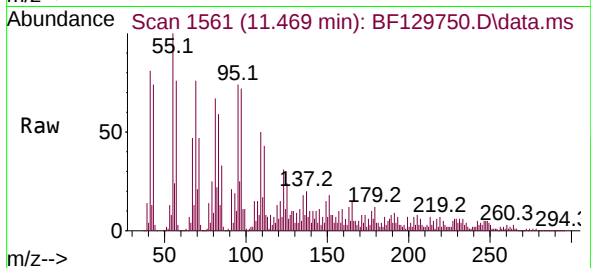
|             |                 |
|-------------|-----------------|
| Tgt Ion:154 | Resp: 38553     |
| Ion Ratio   | Lower Upper     |
| 154         | 100             |
| 153         | 74.1 20.6 60.6# |
| 76          | 29.9 0.0 33.3   |





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.469 min Scan# 1561  
Delta R.T. 0.106 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19

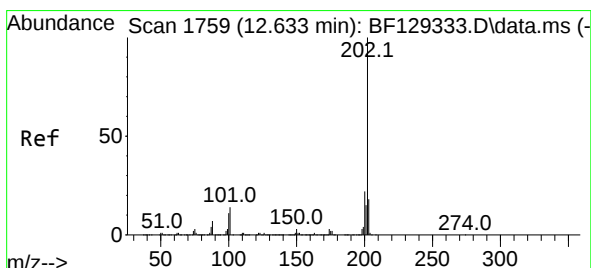
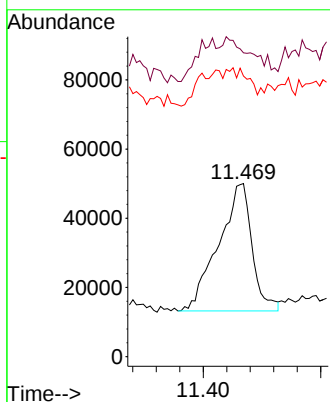
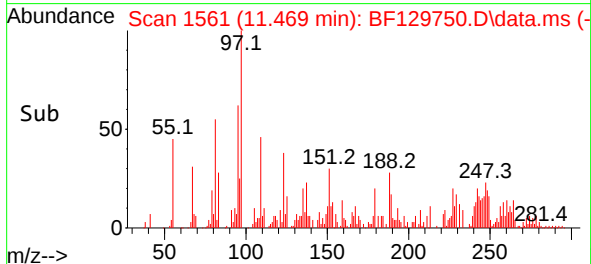
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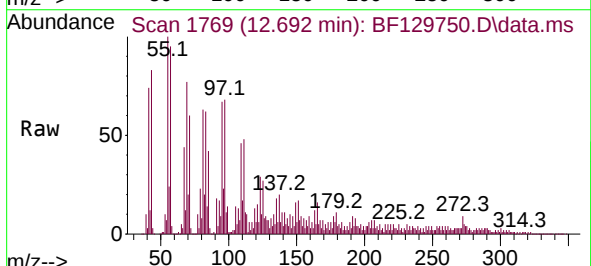
Tgt Ion:188 Resp: 145968  
Ion Ratio Lower Upper  
188 100  
94 175.6 7.0 10.6  
80 162.1 7.6 11.4

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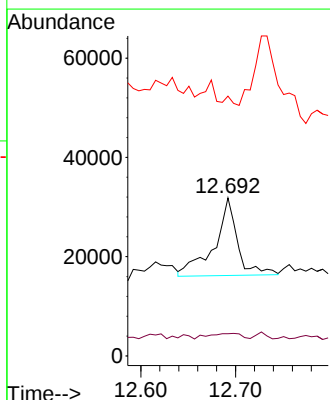
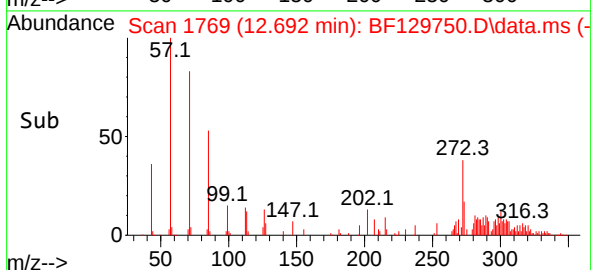
Reviewed By :Jagrut Upadhyay 08/15/2022  
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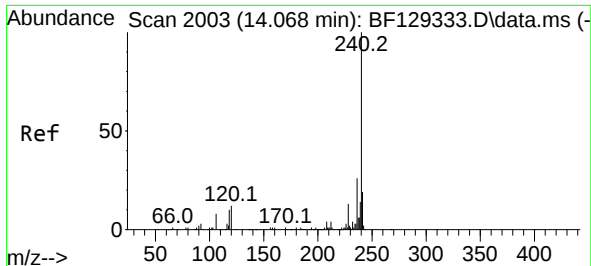


#75  
Fluoranthene  
Concen: 3.284 ng  
RT: 12.692 min Scan# 1769  
Delta R.T. 0.112 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19



Tgt Ion:202 Resp: 26517  
Ion Ratio Lower Upper  
202 100  
101 14.0 0.0 31.4  
203 164.3 0.0 38.0





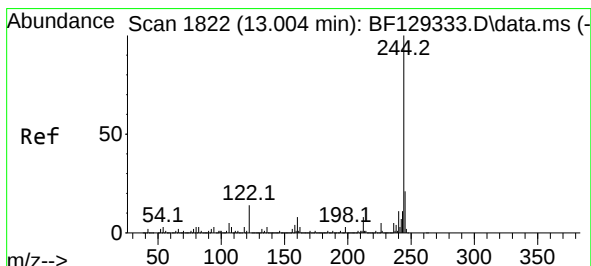
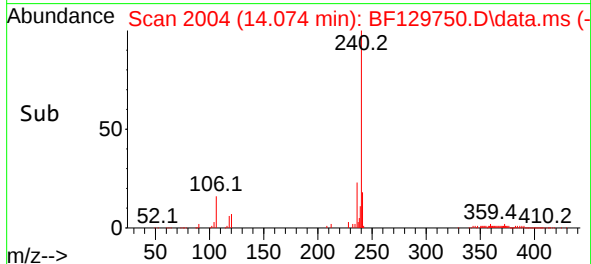
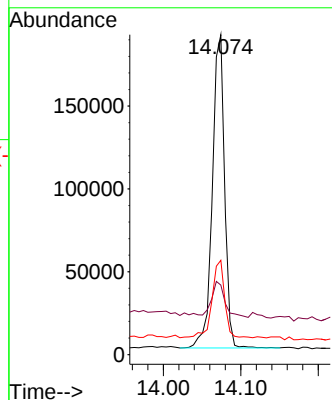
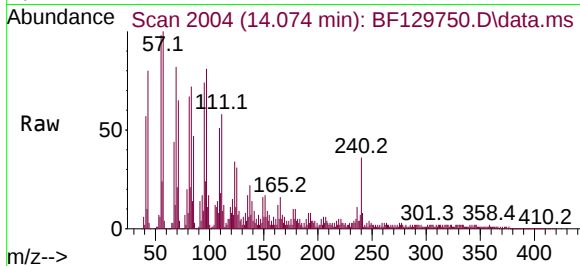
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.074 min Scan# 2003  
Delta R.T. 0.065 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19

Instrument :  
BNA\_F  
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Tgt Ion:240 Resp: 207226  
Ion Ratio Lower Upper  
240 100  
120 21.7 8.9 13.3#  
236 29.5 20.8 31.2#

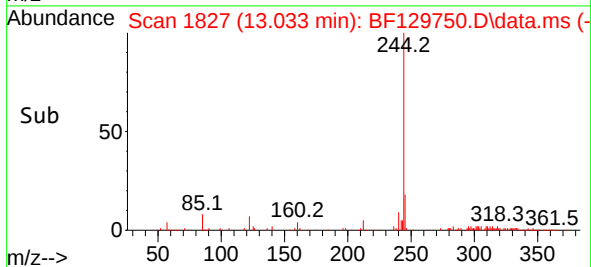
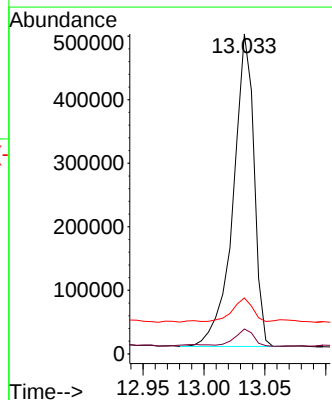
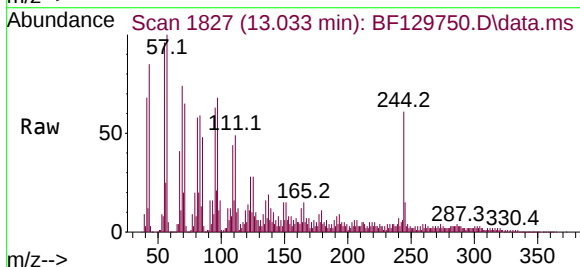
Manual Integrations  
APPROVED

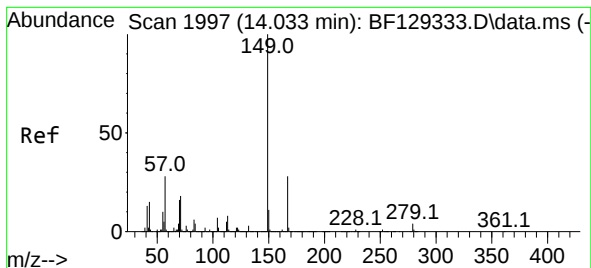
Reviewed By :Jagrut Upadhyay 08/15/2022  
Supervised By :Sohil Jodhani 08/16/2022



#79  
Terphenyl-d14  
Concen: 53.326 ng  
RT: 13.033 min Scan# 1827  
Delta R.T. 0.088 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19

Tgt Ion:244 Resp: 585741  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.1 9.1  
122 17.5 8.8 13.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.645 ng

RT: 14.010 min Scan# 1997

Delta R.T. 0.041 min

Lab File: BF129750.D

Acq: 12 Aug 2022 18:19

Instrument :

BNA\_F

ClientSampleId :

290533

Tgt Ion:149 Resp: 3607

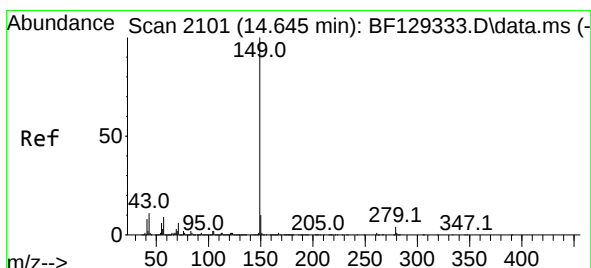
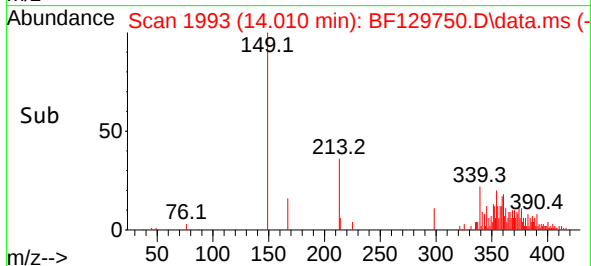
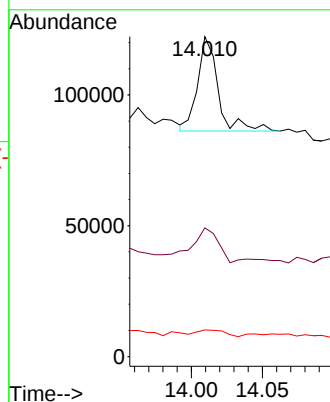
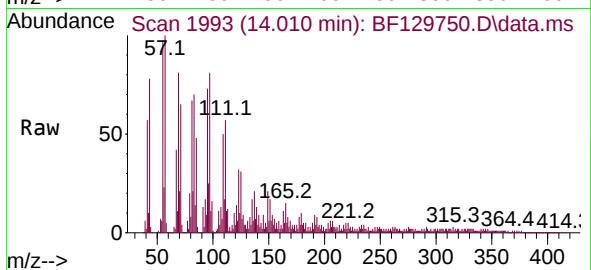
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 40.2  | 21.0  | 31.4  |
| 279 | 8.3   | 3.1   | 4.7   |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/15/2022

Supervised By :Sohil Jodhani 08/16/2022



#85

Di-n-octyl phthalate

Concen: 6.508 ng

RT: 14.645 min Scan# 2101

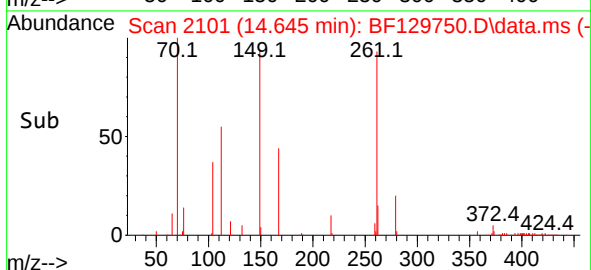
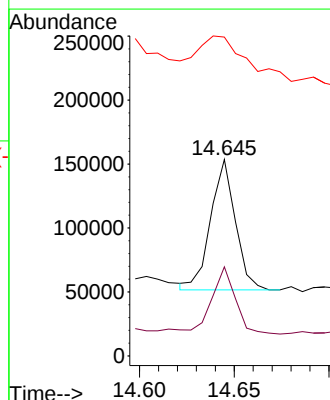
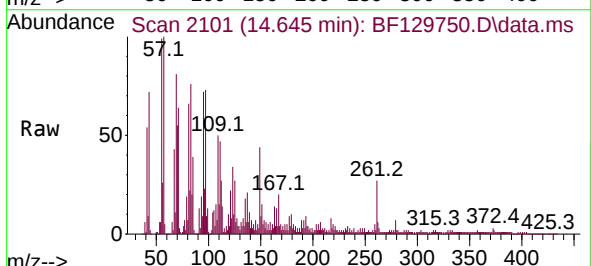
Delta R.T. 0.065 min

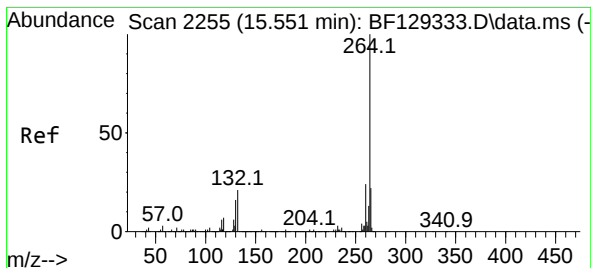
Lab File: BF129750.D

Acq: 12 Aug 2022 18:19

Tgt Ion:149 Resp: 92680

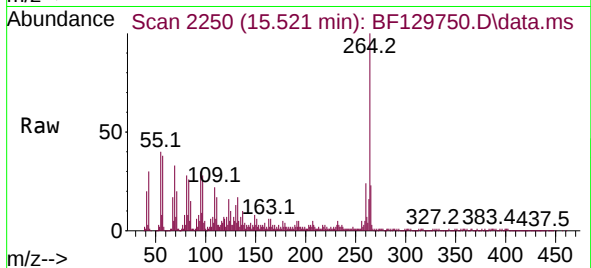
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 48.2  | 1.3   | 1.9   |
| 43  | 0.0   | 9.2   | 13.8  |





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.521 min Scan# 2177  
Delta R.T. 0.041 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19

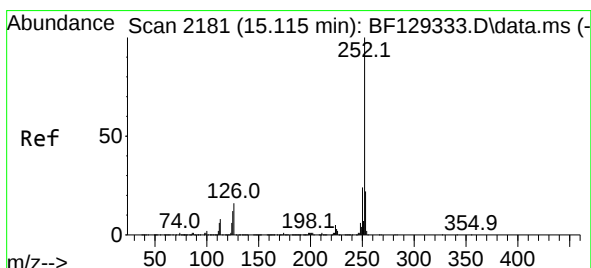
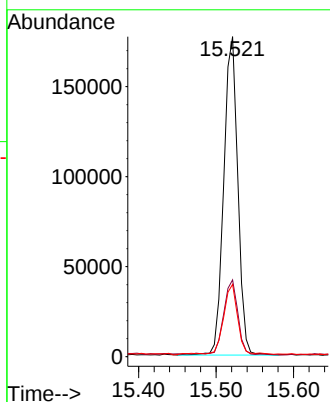
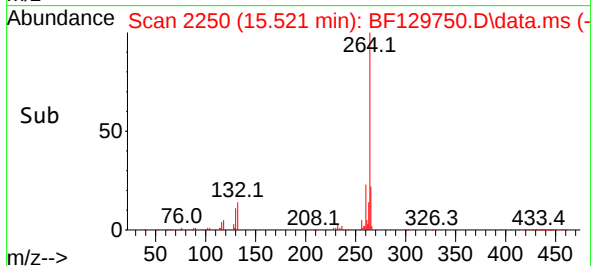
Instrument :  
BNA\_F  
ClientSampleId :  
290533



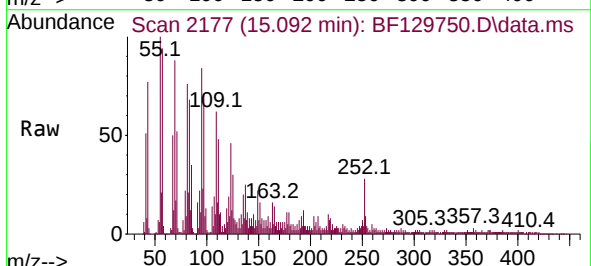
Tgt Ion:264 Resp: 223256  
Ion Ratio Lower Upper  
264 100  
260 24.0 18.4 27.6  
265 22.6 17.2 25.8

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022  
Supervised By :Sohil Jodhani 08/16/2022



#88  
Benzo(b)fluoranthene  
Concen: 3.772 ng m  
RT: 15.092 min Scan# 2177  
Delta R.T. 0.041 min  
Lab File: BF129750.D  
Acq: 12 Aug 2022 18:19



Tgt Ion:252 Resp: 55855  
Ion Ratio Lower Upper  
252 100  
253 31.7 17.7 26.5#  
125 104.8 8.0 12.0#

