

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010322\  
 Data File : BF126454.D  
 Acq On : 3 Jan 2022 14:10  
 Operator : JU/CG  
 Sample : M5244-09 10X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONC-2D

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 01/04/2022  
 Supervised By : Jagrut Upadhyay 01/04/2022

Quant Time: Jan 03 14:38:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 30 04:30:49 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.798  | 152  | 121997   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.080  | 136  | 448335   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.833  | 164  | 182294   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 305857   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.957 | 240  | 265704   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.398 | 264  | 199081   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 76160    | 8.965   | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 87443    | 7.947   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 51764    | 5.928   | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.621 | 330  | 12426    | 8.821   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 76409    | 7.376   | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.904 | 244  | 77715    | 5.683   | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 15) Benzyl Alcohol            | 6.933  | 79   | 15670    | 2.035   | ng    | 93       |
| 31) Naphthalene               | 8.098  | 128  | 45980    | 2.173   | ng    | 98       |
| 32) Benzoic acid              | 7.792  | 122  | 4366m    | 7.923   | ng    |          |
| 80) Butylbenzylphthalate      | 13.398 | 149  | 1585038  | 159.301 | ng    | # 97     |
| 84) Bis(2-ethylhexyl)phtha... | 13.945 | 149  | 53983    | 5.235   | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.533 | 149  | 216245   | 12.092  | ng    | # 51     |
| -----                         |        |      |          |         |       |          |

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

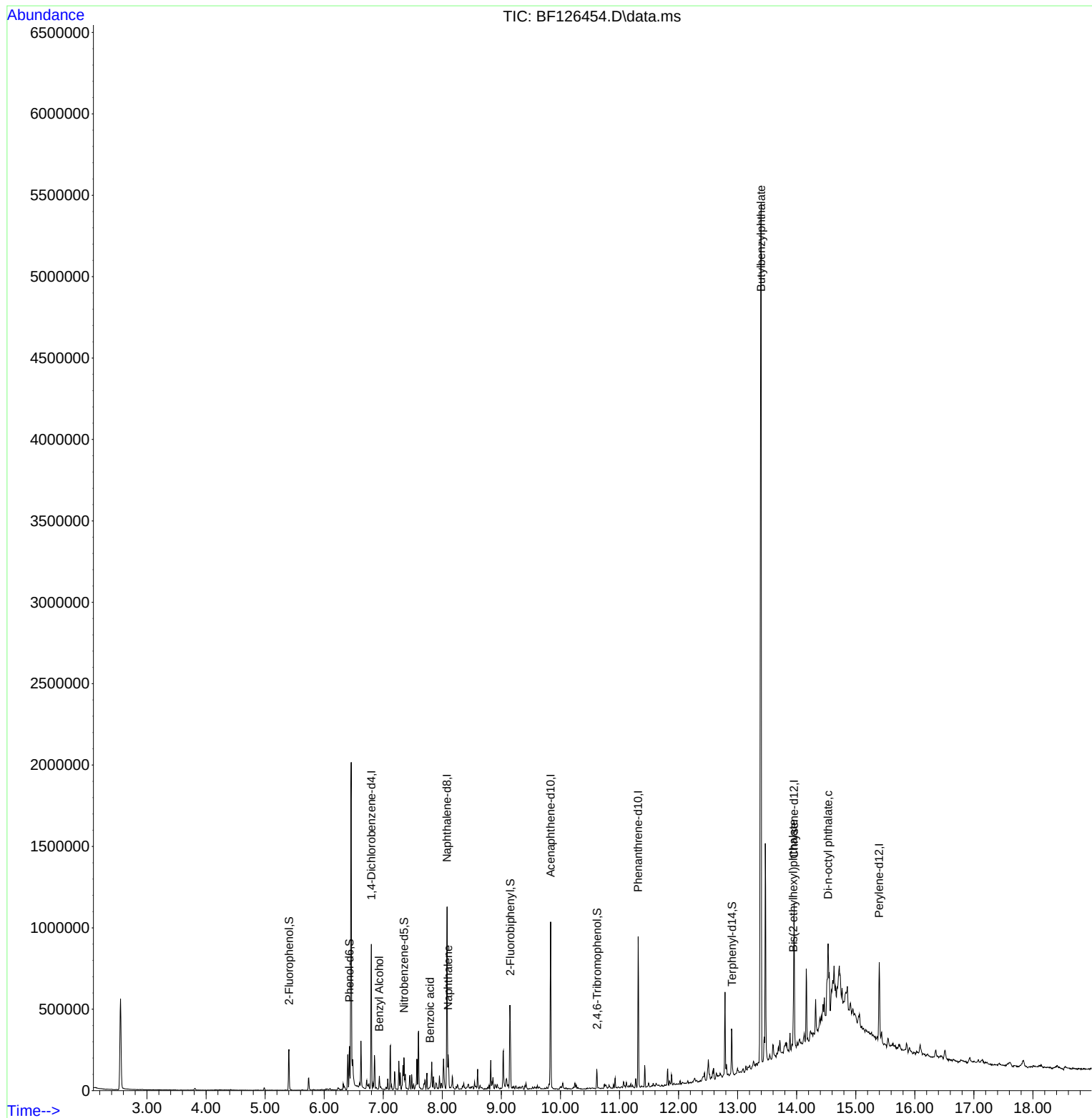
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010322\  
Data File : BF126454.D  
Acq On : 3 Jan 2022 14:10  
Operator : JU/CG  
Sample : M5244-09 10X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

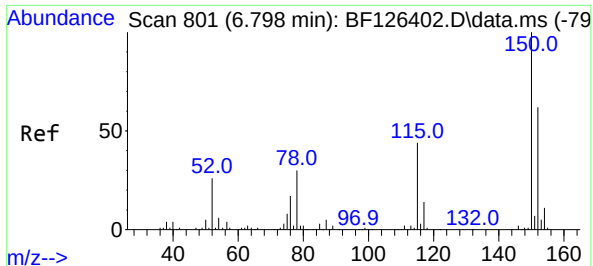
Instrument :  
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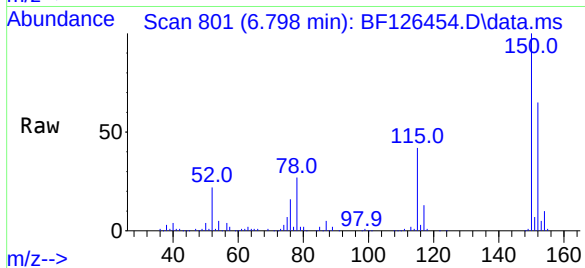
Quant Time: Jan 03 14:38:40 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 30 04:30:49 2021  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10

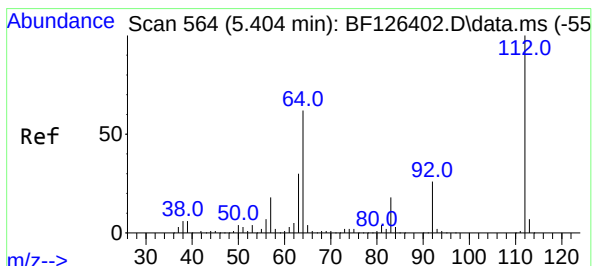
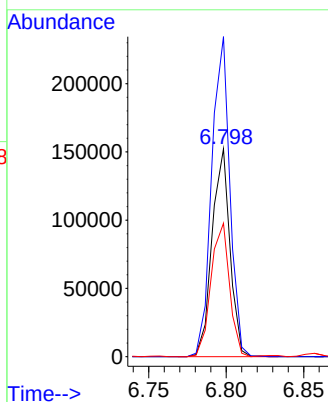
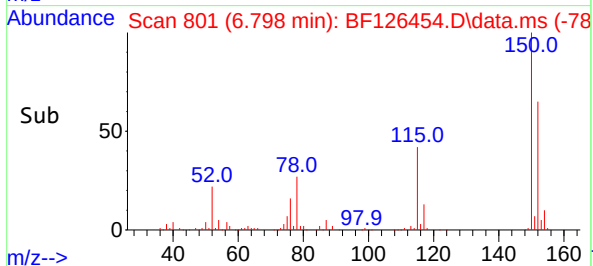
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-2D



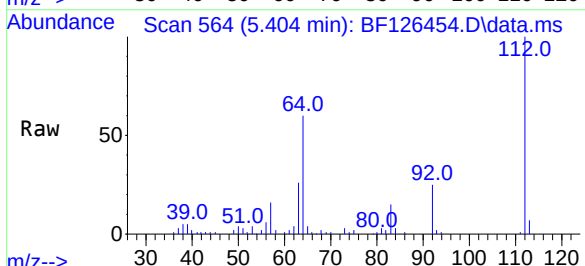
Tgt Ion:152 Resp: 12199  
Ion Ratio Lower Upper  
152 100  
150 153.9 128.1 192.1  
115 64.1 56.7 85.1

Manual Integrations  
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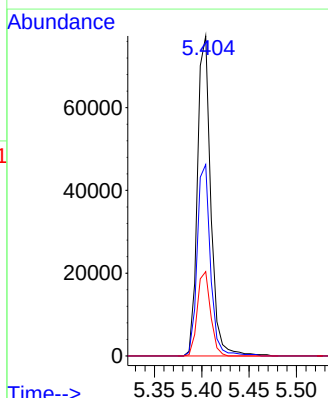
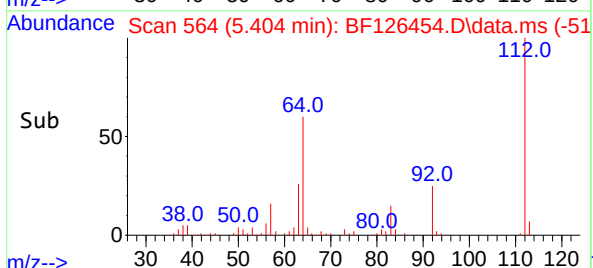
Reviewed By :Christian Giraldo 01/04/2022  
Supervised By :Jagrut Upadhyay 01/04/2022

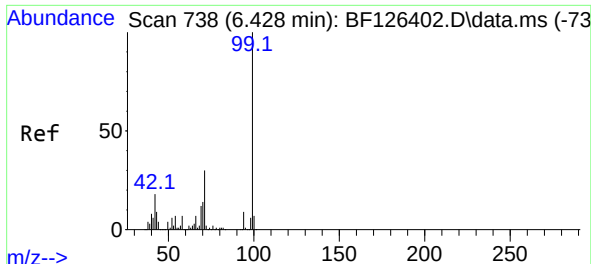


#5  
2-Fluorophenol  
Concen: 8.965 ng  
RT: 5.404 min Scan# 564  
Delta R.T. 0.000 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10



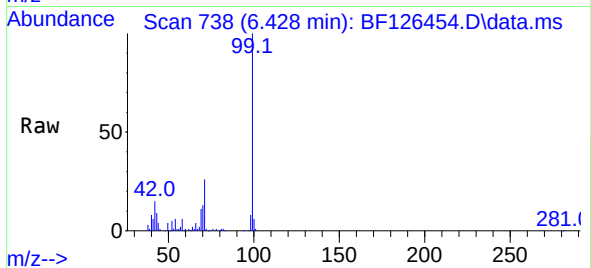
Tgt Ion:112 Resp: 76160  
Ion Ratio Lower Upper  
112 100  
64 59.8 49.5 74.3  
63 26.4 23.9 35.9





#7  
Phenol-d6  
Concen: 7.947 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10

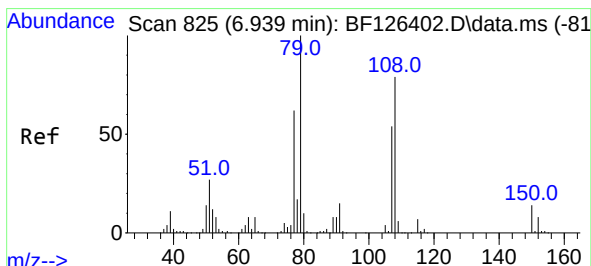
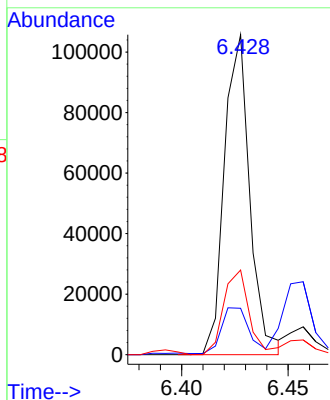
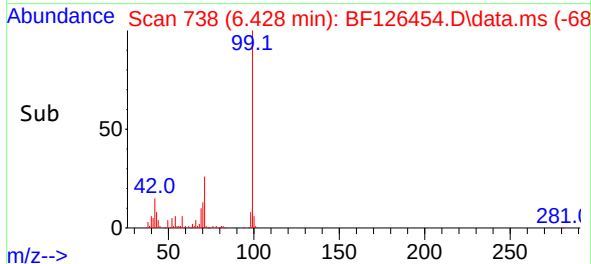
Instrument :  
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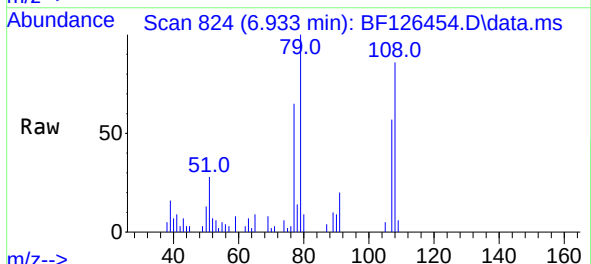
Tgt Ion: 99 Resp: 8744  
Ion Ratio Lower Upper  
99 100  
42 14.5 14.2 21.4  
71 26.4 24.3 36.5

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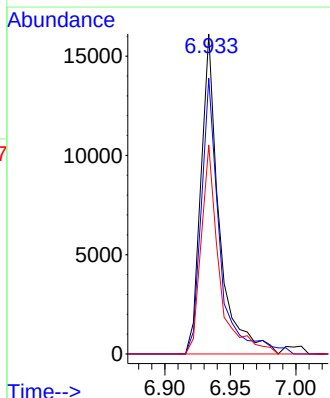
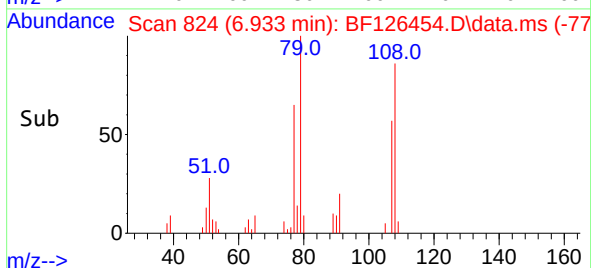
Reviewed By :Christian Giraldo 01/04/2022  
Supervised By :Jagrut Upadhyay 01/04/2022

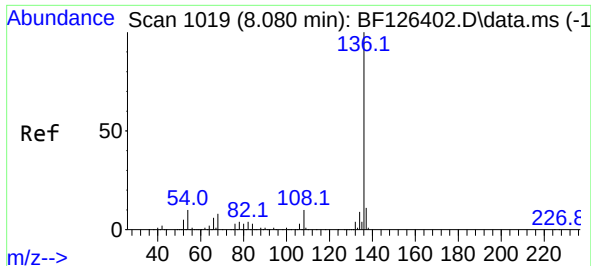


#15  
Benzyl Alcohol  
Concen: 2.035 ng  
RT: 6.933 min Scan# 824  
Delta R.T. -0.006 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10



Tgt Ion: 79 Resp: 15670  
Ion Ratio Lower Upper  
79 100  
108 86.2 63.2 94.8  
77 65.3 49.4 74.2





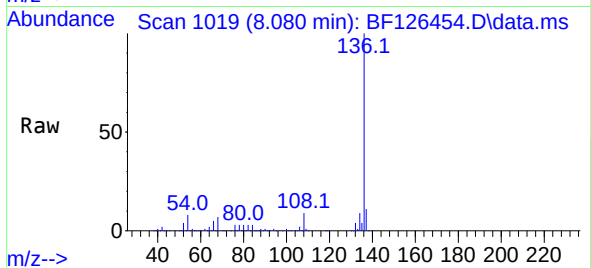
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.080 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10

Instrument :

BNA\_F

ClientSampleId :

CONC-2D

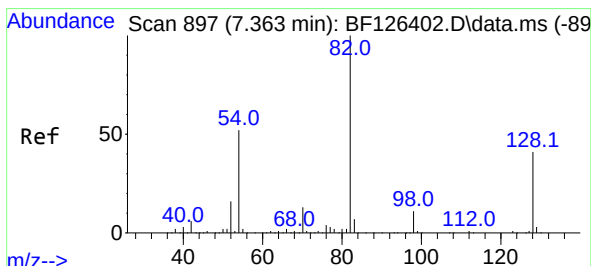
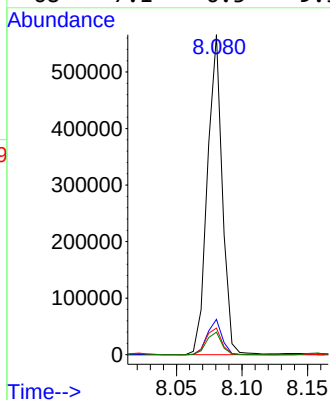
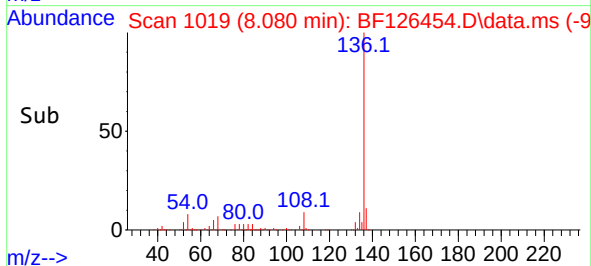


Tgt Ion:136 Resp: 448335  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 8.3 7.8 11.6  
68 7.1 6.3 9.5

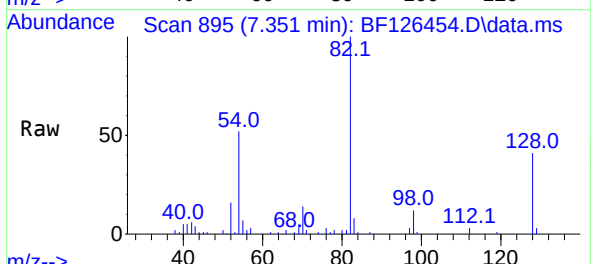
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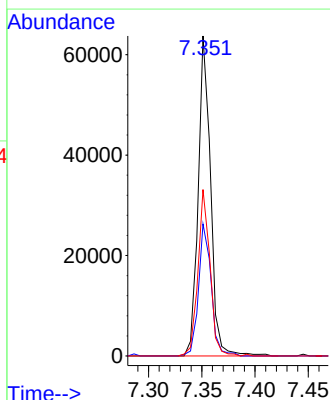
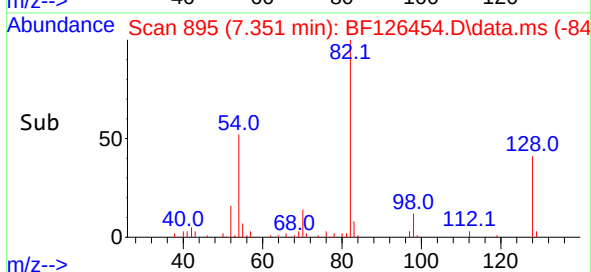
Reviewed By :Christian Giraldo 01/04/2022  
Supervised By :Jagrut Upadhyay 01/04/2022

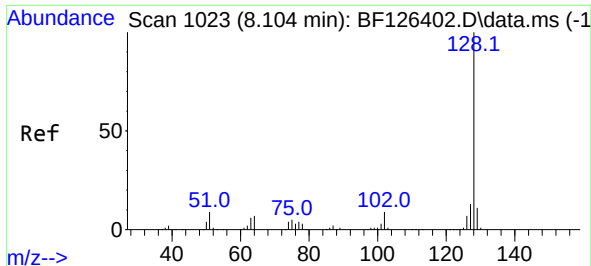


#23  
Nitrobenzene-d5  
Concen: 5.928 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.012 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10



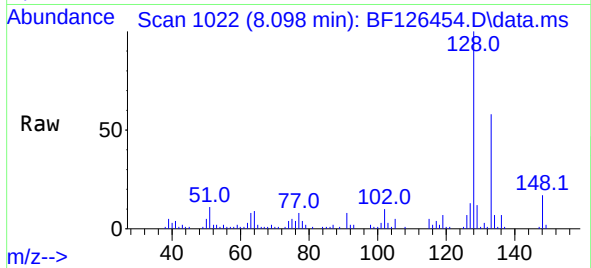
Tgt Ion: 82 Resp: 51764  
Ion Ratio Lower Upper  
82 100  
128 41.3 32.7 49.1  
54 52.0 41.7 62.5





#31  
Naphthalene  
Concen: 2.173 ng  
RT: 8.098 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10

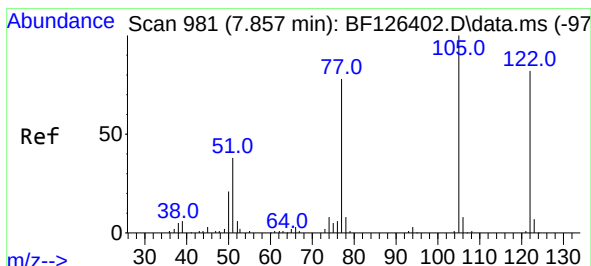
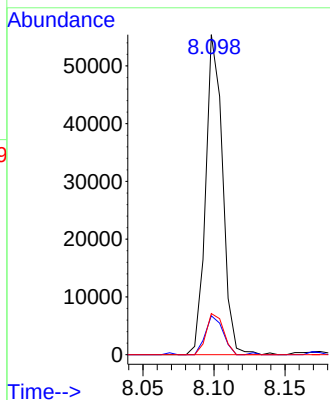
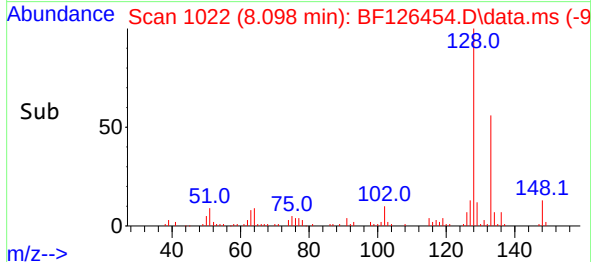
Instrument :  
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ClientSampleId :  
CONC-2D



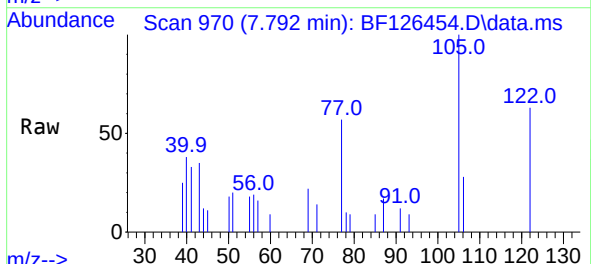
Tgt Ion:128 Resp: 45980  
Ion Ratio Lower Upper  
128 100  
129 12.1 8.6 13.0  
127 12.9 10.3 15.5

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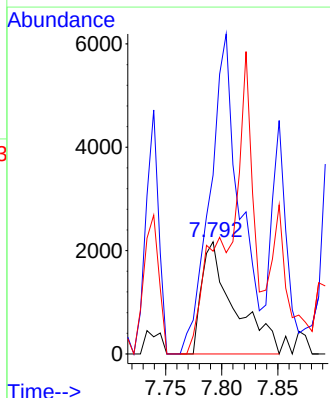
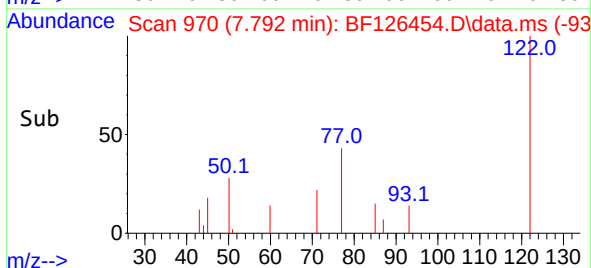
Reviewed By :Christian Giraldo 01/04/2022  
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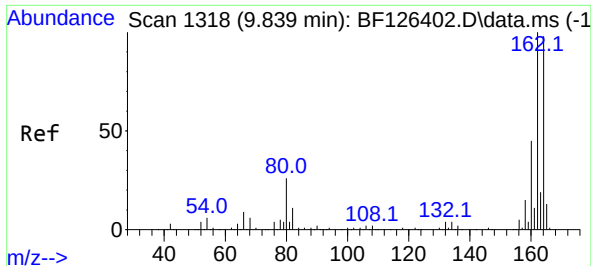


#32  
Benzoic acid  
Concen: 7.923 ng m  
RT: 7.792 min Scan# 970  
Delta R.T. -0.065 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10



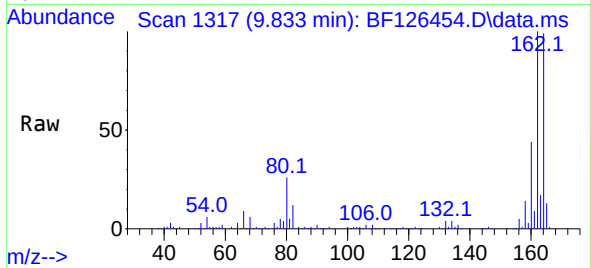
Tgt Ion:122 Resp: 4366  
Ion Ratio Lower Upper  
122 100  
105 159.5 101.0 141.0#  
77 91.6 74.5 114.5





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.833 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10

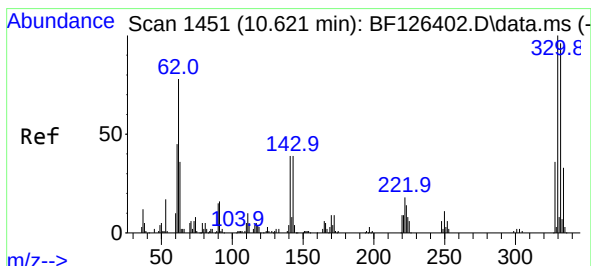
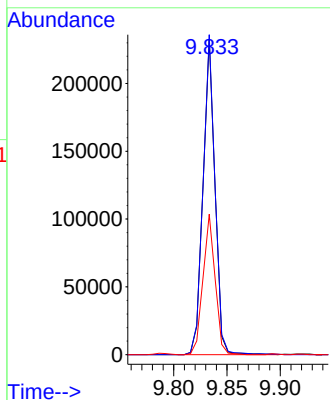
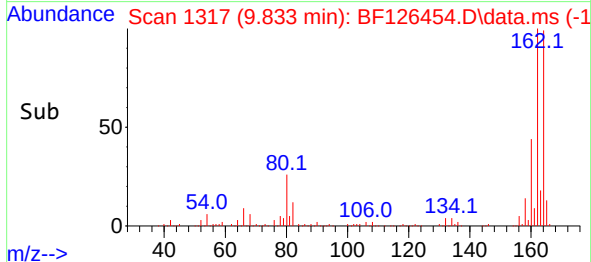
Instrument :  
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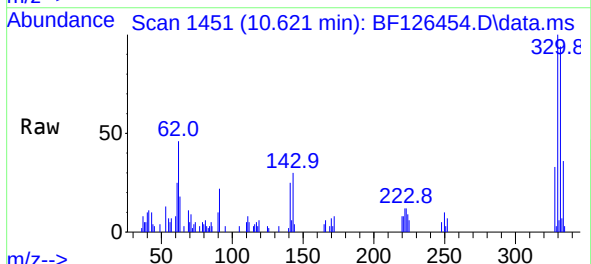
Tgt Ion:164 Resp: 182294  
Ion Ratio Lower Upper  
164 100  
162 101.4 81.4 122.0  
160 44.5 36.6 54.8

Manual Integrations  
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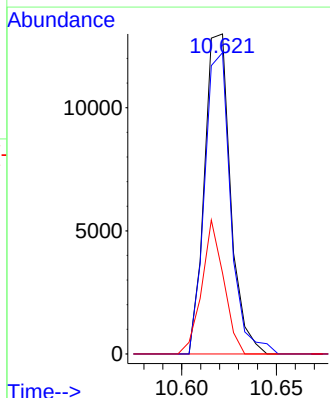
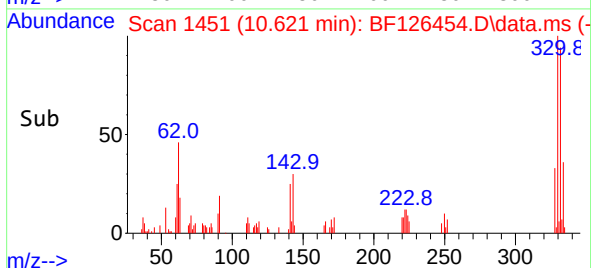
Reviewed By :Christian Giraldo 01/04/2022  
Supervised By :Jagrut Upadhyay 01/04/2022

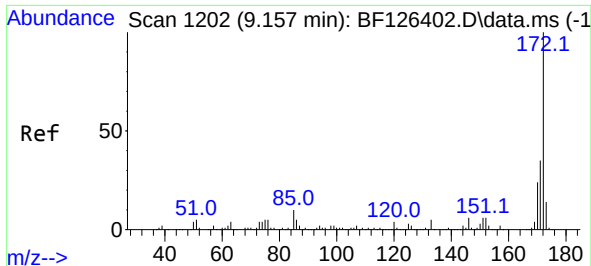


#42  
2,4,6-Tribromophenol  
Concen: 8.821 ng  
RT: 10.621 min Scan# 1451  
Delta R.T. -0.000 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10



Tgt Ion:330 Resp: 12426  
Ion Ratio Lower Upper  
330 100  
332 94.3 76.0 114.0  
141 35.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 7.376 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126454.D

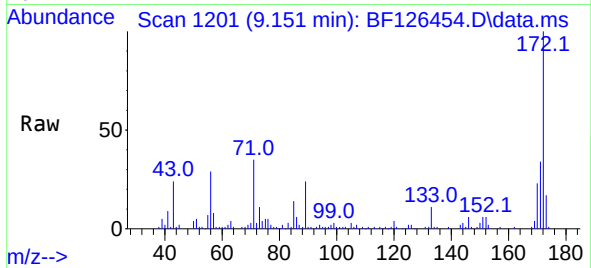
Acq: 3 Jan 2022 14:10

Instrument :

BNA\_F

ClientSampleId :

CONC-2D



Tgt Ion:172 Resp: 76409

Ion Ratio Lower Upper

172 100

171 34.1 28.3 42.5

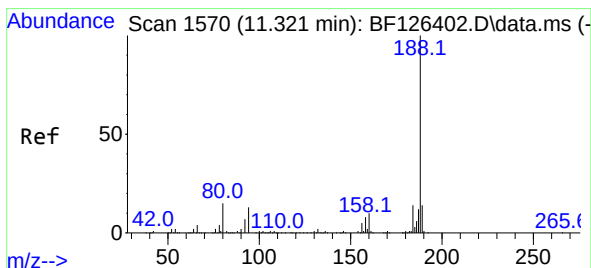
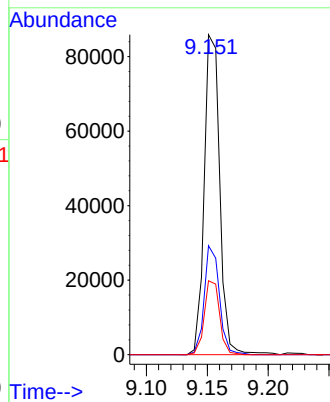
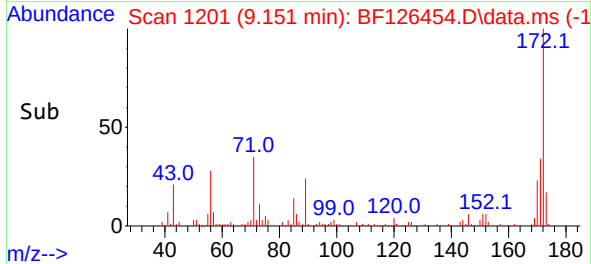
170 23.1 19.0 28.6

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF126454.D

Acq: 3 Jan 2022 14:10

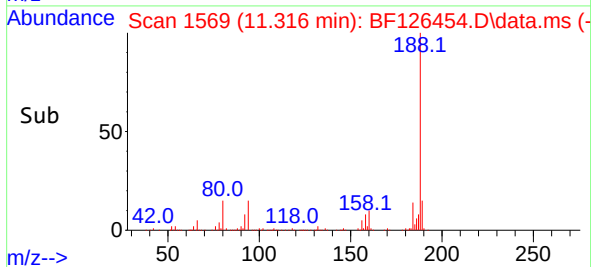
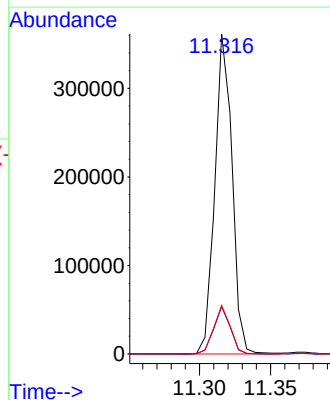
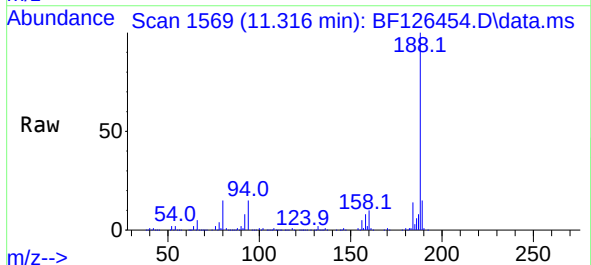
Tgt Ion:188 Resp: 305857

Ion Ratio Lower Upper

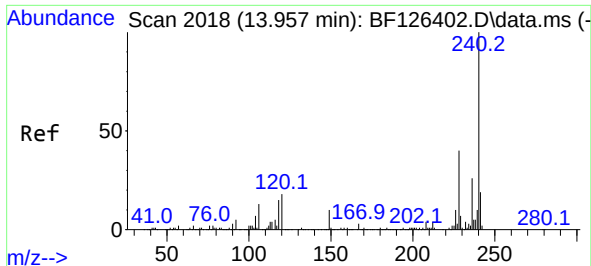
188 100

94 14.8 10.1 15.1

80 15.2 11.8 17.6







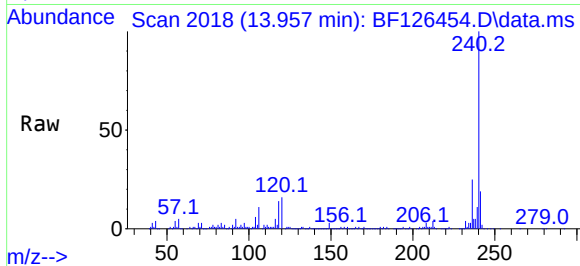
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. -0.000 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10

Instrument :

BNA\_F

ClientSampleId :

CONC-2D

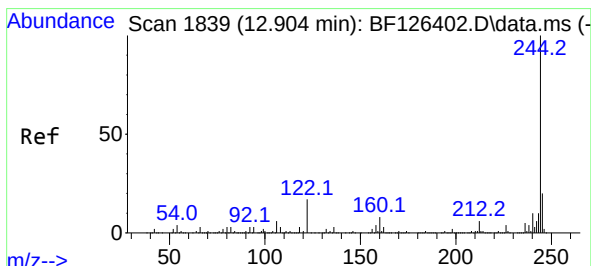
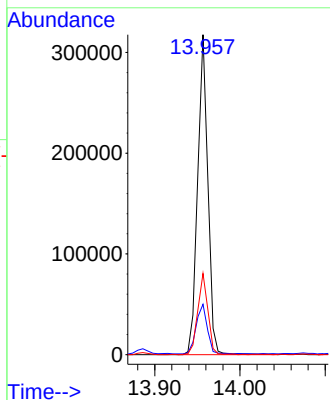
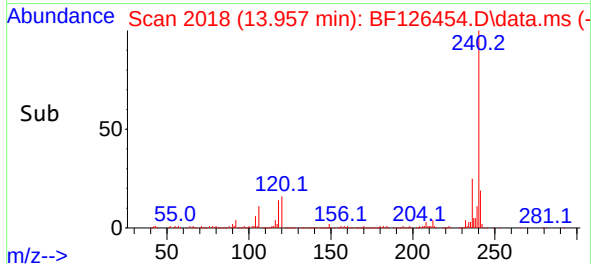


Tgt Ion:240 Resp: 265704  
Ion Ratio Lower Upper  
240 100  
120 15.8 14.4 21.6  
236 25.4 20.5 30.7

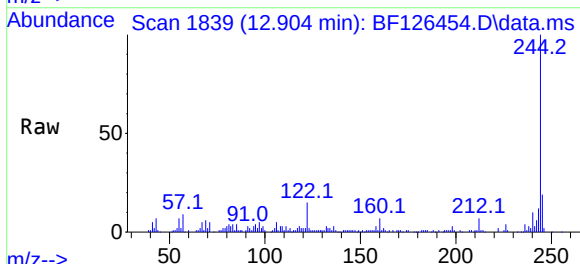
Manual Integrations

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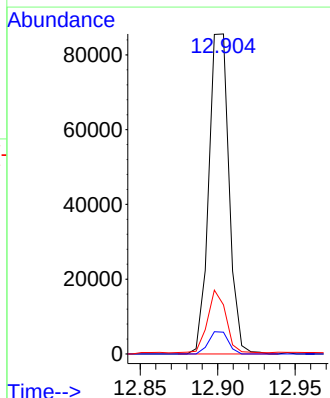
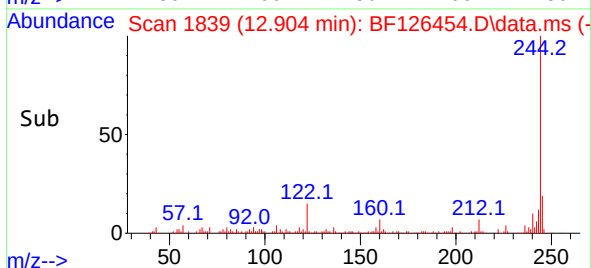
Reviewed By :Christian Giraldo 01/04/2022  
Supervised By :Jagrut Upadhyay 01/04/2022

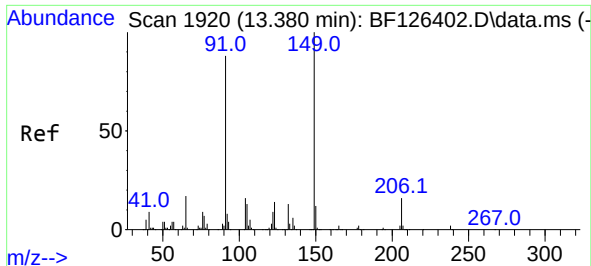


#79  
Terphenyl-d14  
Concen: 5.683 ng  
RT: 12.904 min Scan# 1839  
Delta R.T. -0.000 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10



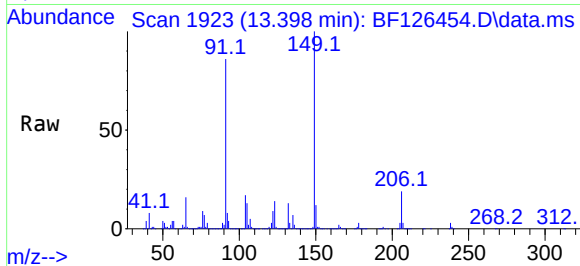
Tgt Ion:244 Resp: 77715  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.0 7.4  
122 15.3 13.3 19.9





#80  
Butylbenzylphthalate  
Concen: 159.301 ng  
RT: 13.398 min Scan# 1920  
Delta R.T. 0.018 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10

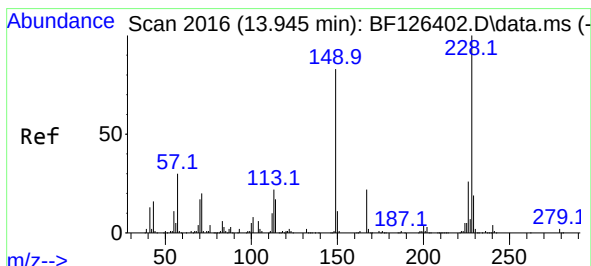
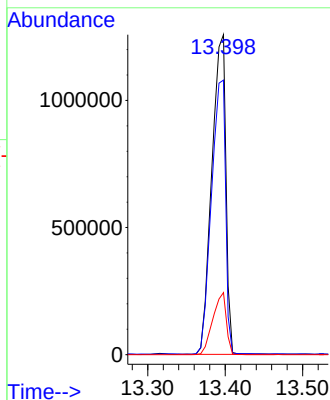
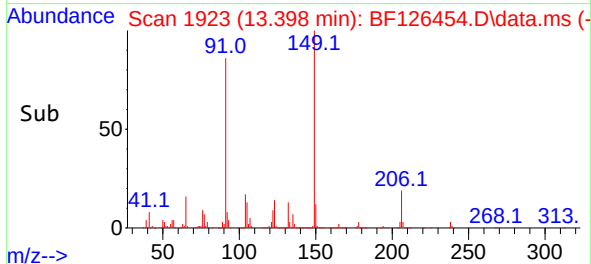
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-2D



Tgt Ion:149 Resp: 1585038  
Ion Ratio Lower Upper  
149 100  
91 85.8 70.5 105.7  
206 19.4 12.6 19.0

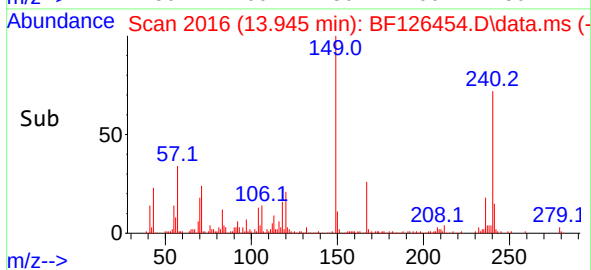
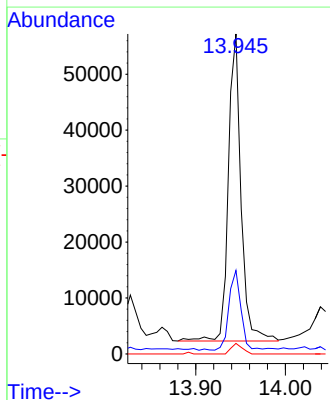
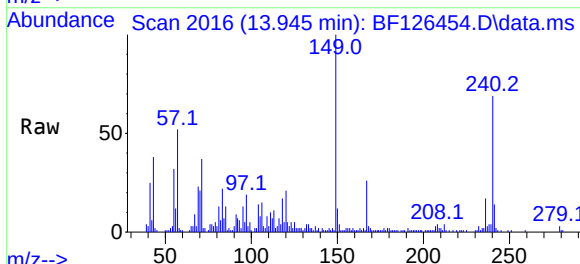
Manual Integrations  
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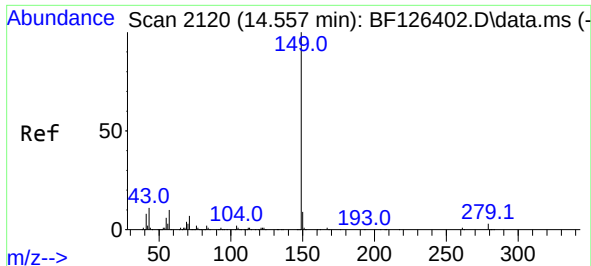
Reviewed By :Christian Giraldo 01/04/2022  
Supervised By :Jagrut Upadhyay 01/04/2022



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.235 ng  
RT: 13.945 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10

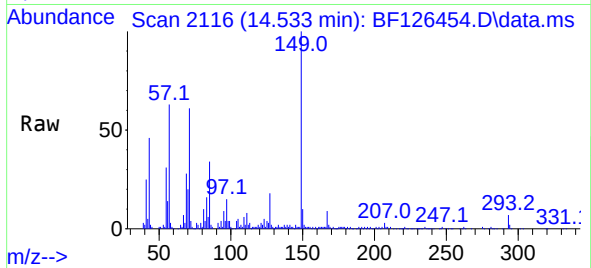
Tgt Ion:149 Resp: 53983  
Ion Ratio Lower Upper  
149 100  
167 26.1 21.4 32.2  
279 3.3 2.4 3.6





#85  
Di-n-octyl phthalate  
Concen: 12.092 ng  
RT: 14.533 min Scan# 2116  
Delta R.T. -0.024 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10

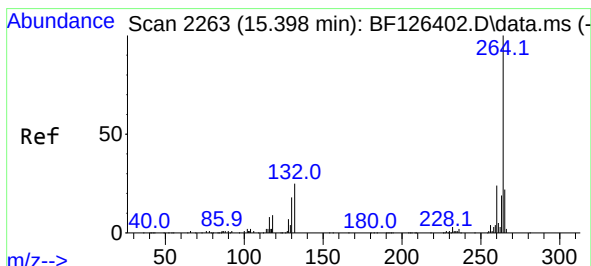
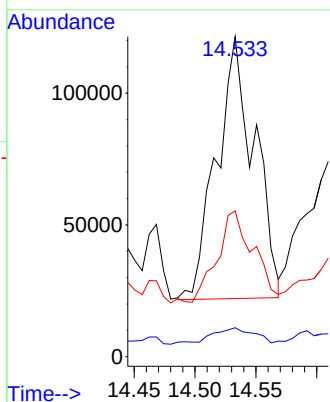
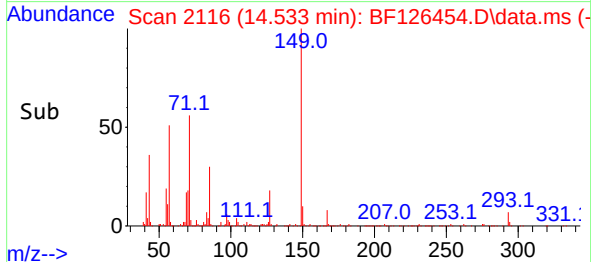
Instrument :  
BNA\_F  
ClientSampleId :  
CONC-2D



Tgt Ion:149 Resp: 216245  
Ion Ratio Lower Upper  
149 100  
167 7.5 1.1 1.7  
43 33.1 9.9 14.9

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Reviewed By :Christian Giraldo 01/04/2022  
Supervised By :Jagrut Upadhyay 01/04/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.398 min Scan# 2263  
Delta R.T. 0.000 min  
Lab File: BF126454.D  
Acq: 3 Jan 2022 14:10

Tgt Ion:264 Resp: 199081  
Ion Ratio Lower Upper  
264 100  
260 22.4 19.2 28.8  
265 20.7 17.4 26.2

