

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052822\  
 Data File : BF128549.D  
 Acq On : 28 May 2022 15:35  
 Operator : CG\JU  
 Sample : N2933-02  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P023-SS001-1218-01

Quant Time: May 28 22:42:46 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 27 01:51:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.840  | 152  | 183611   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.116  | 136  | 724458   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.875  | 164  | 403560   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 739928   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.998 | 240  | 451300   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.463 | 264  | 364518   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.463  | 112  | 1282981  | 115.741 | ng    | 0.01     |
| 7) Phenol-d6                | 6.463  | 99   | 1667846  | 118.006 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 1143784  | 91.079  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 485795   | 126.469 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 2048291  | 82.460  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.957 | 244  | 2059856  | 88.180  | ng    | 0.00     |

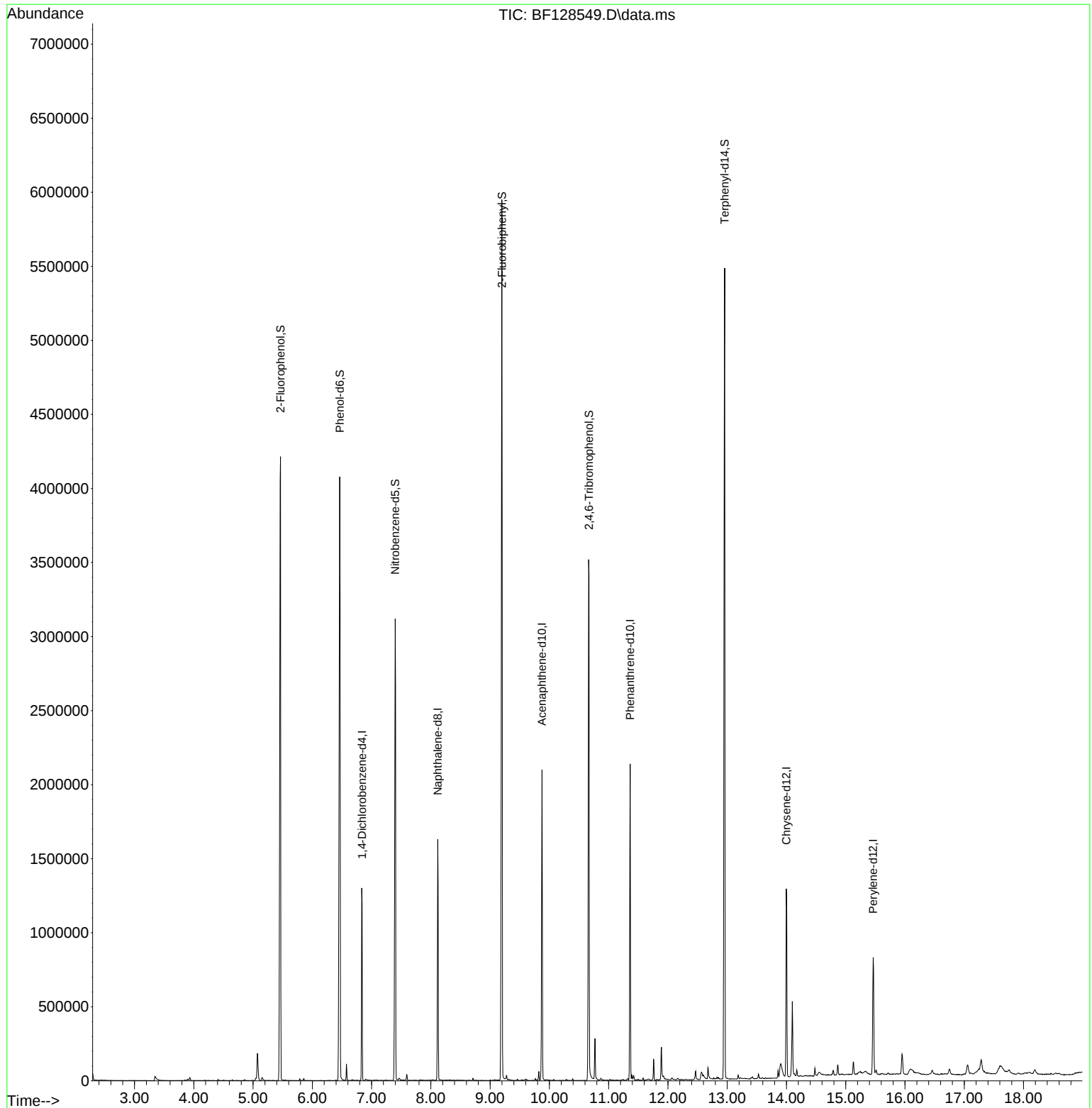
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

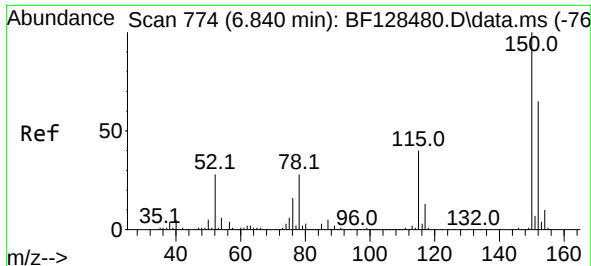
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052822\  
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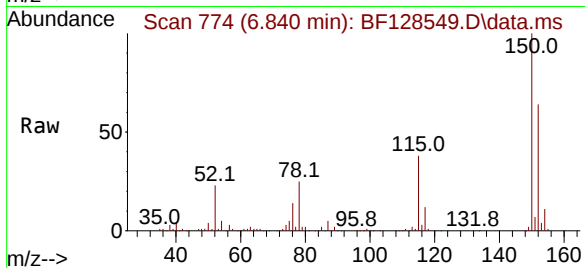
Quant Time: May 28 22:42:46 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
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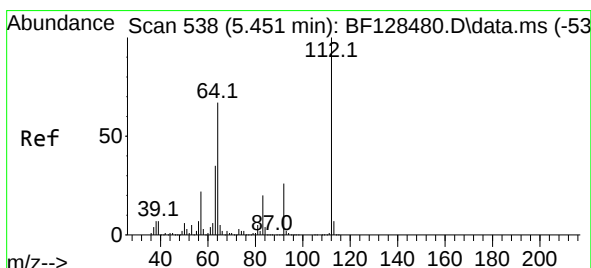
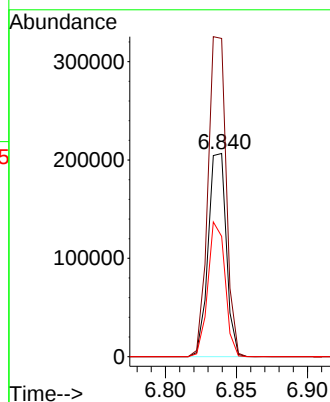
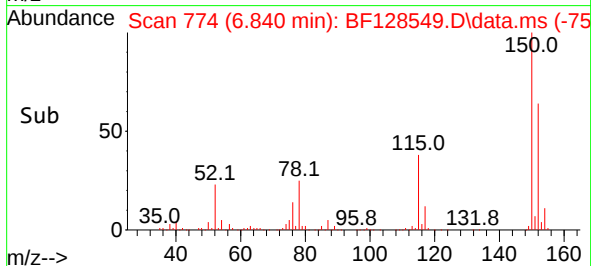


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.840 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF128549.D  
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Instrument :  
BNA\_F  
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P023-SS001-1218-01

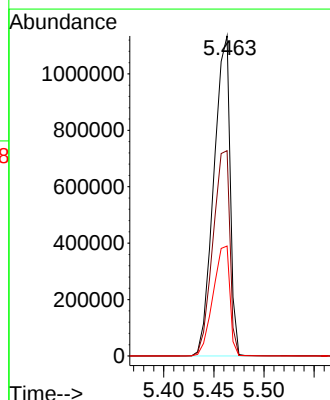
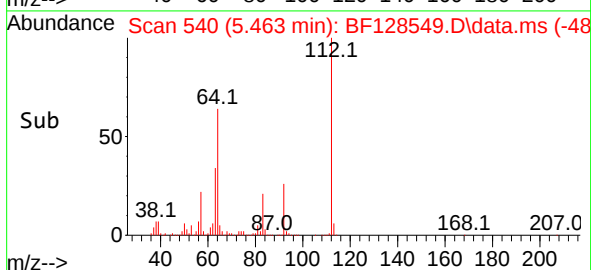
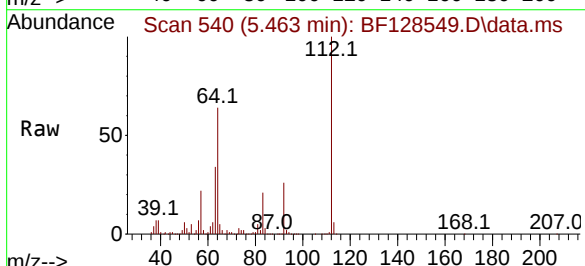


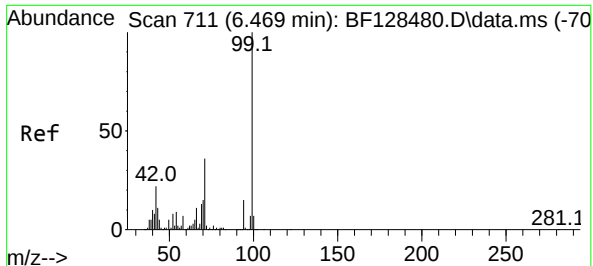
Tgt Ion:152 Resp: 183611  
Ion Ratio Lower Upper  
152 100  
150 156.6 123.7 185.5  
115 59.2 49.9 74.9



#5  
2-Fluorophenol  
Concen: 115.741 ng  
RT: 5.463 min Scan# 540  
Delta R.T. 0.012 min  
Lab File: BF128549.D  
Acq: 28 May 2022 15:35

Tgt Ion:112 Resp: 1282981  
Ion Ratio Lower Upper  
112 100  
64 64.2 53.3 79.9  
63 34.4 28.0 42.0

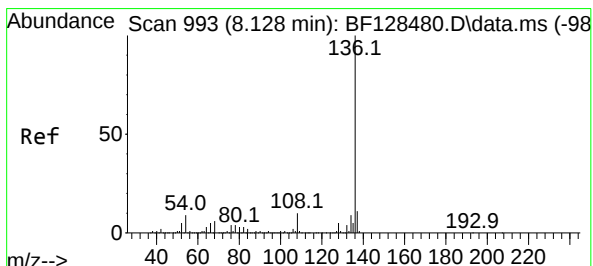
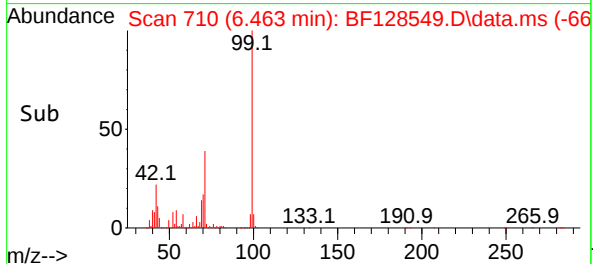
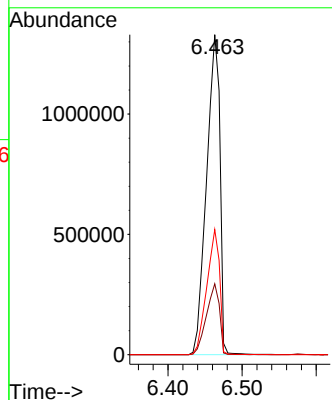
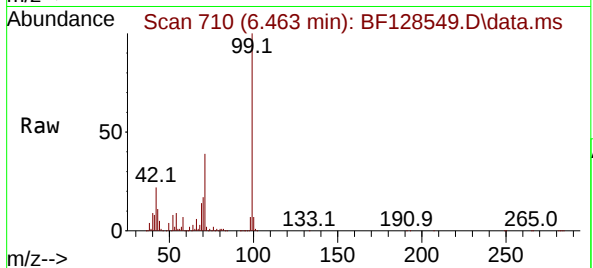




#7  
Phenol-d6  
Concen: 118.006 ng  
RT: 6.463 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BF128549.D  
Acq: 28 May 2022 15:35

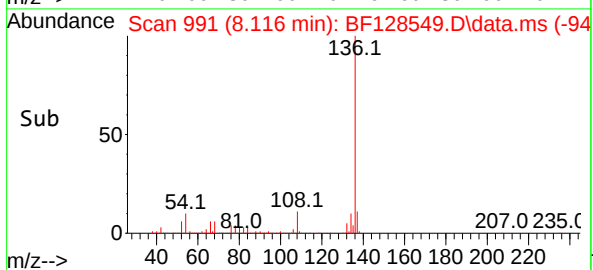
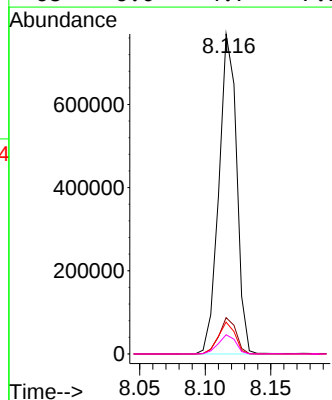
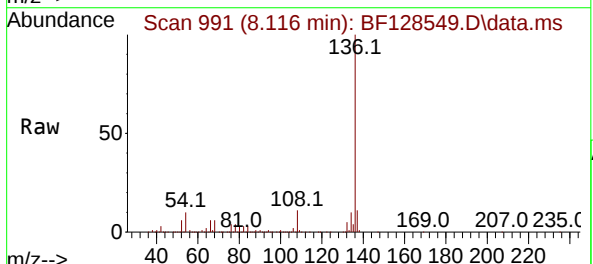
Instrument :  
BNA\_F  
ClientSampleId :  
P023-SS001-1218-01

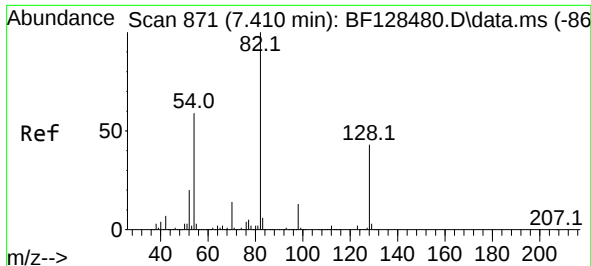
Tgt Ion: 99 Resp: 1667846  
Ion Ratio Lower Upper  
99 100  
42 22.2 17.3 25.9  
71 39.1 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 991  
Delta R.T. -0.012 min  
Lab File: BF128549.D  
Acq: 28 May 2022 15:35

Tgt Ion: 136 Resp: 724458  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 10.0 7.5 11.3  
68 6.0 4.7 7.1





#23

Nitrobenzene-d5

Concen: 91.079 ng

RT: 7.398 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF128549.D

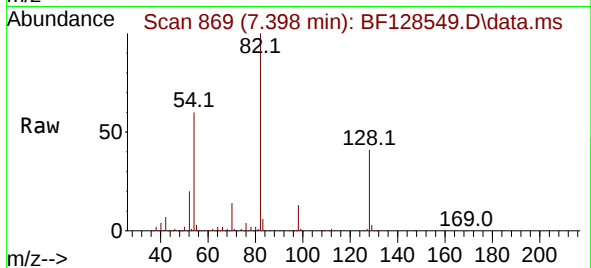
Acq: 28 May 2022 15:35

Instrument :

BNA\_F

ClientSampleId :

P023-SS001-1218-01



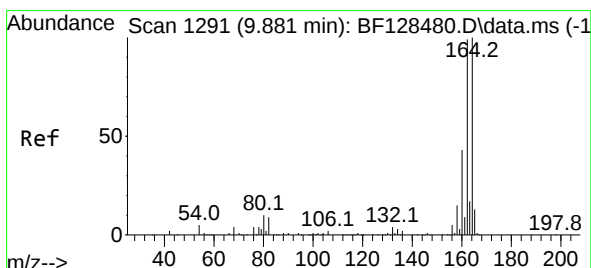
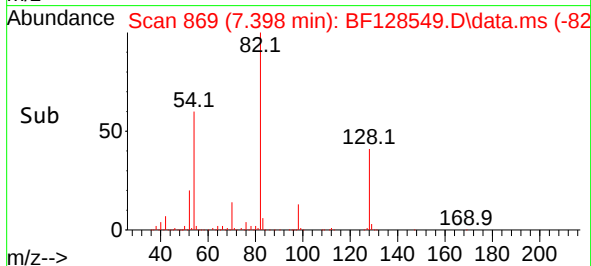
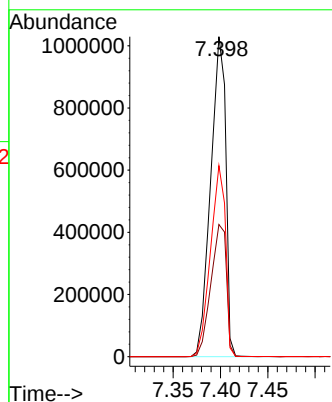
Tgt Ion: 82 Resp: 1143784

Ion Ratio Lower Upper

82 100

128 41.3 34.0 51.0

54 59.7 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF128549.D

Acq: 28 May 2022 15:35

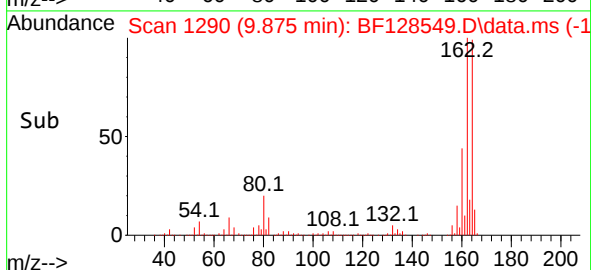
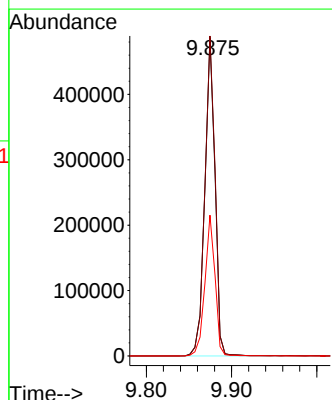
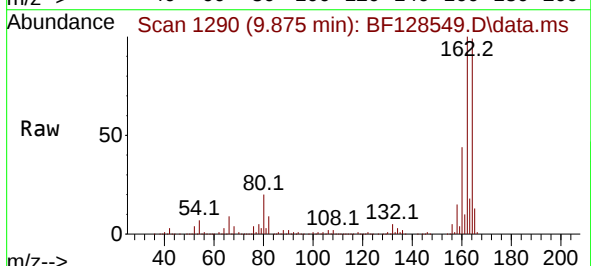
Tgt Ion: 164 Resp: 403560

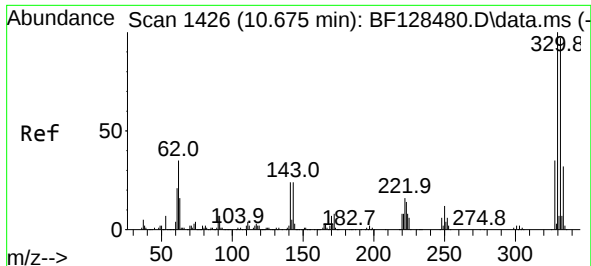
Ion Ratio Lower Upper

164 100

162 100.5 79.5 119.3

160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 126.469 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128549.D

Acq: 28 May 2022 15:35

Instrument :

BNA\_F

ClientSampleId :

P023-SS001-1218-01

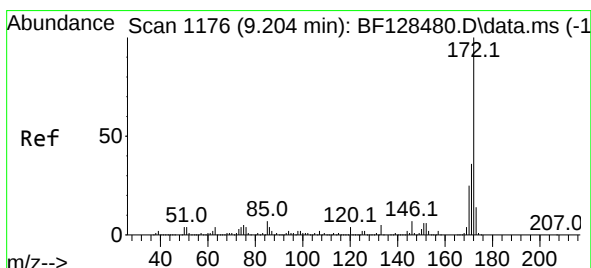
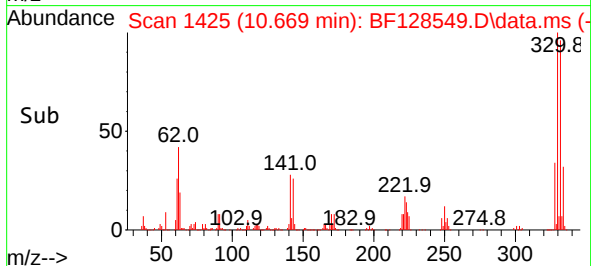
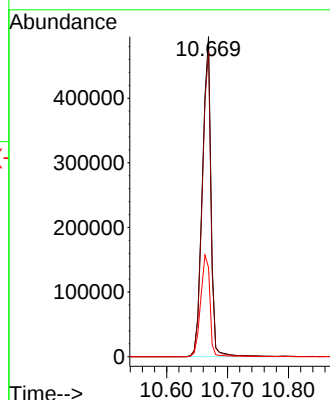
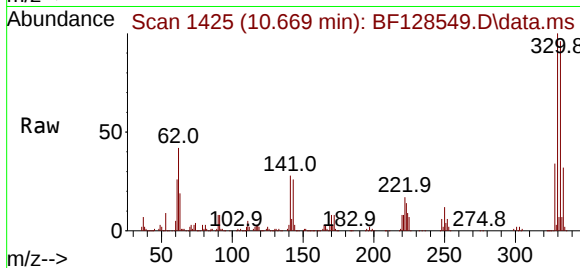
Tgt Ion:330 Resp: 485795

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 34.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.460 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128549.D

Acq: 28 May 2022 15:35

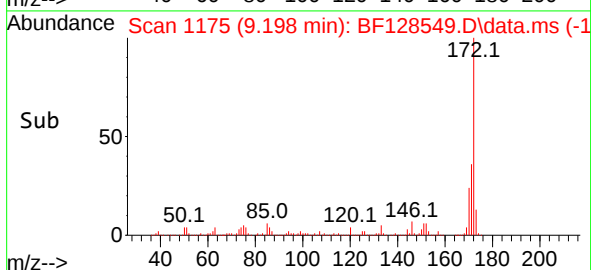
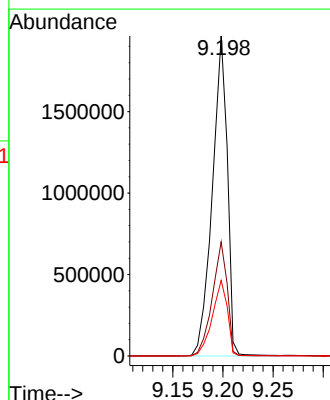
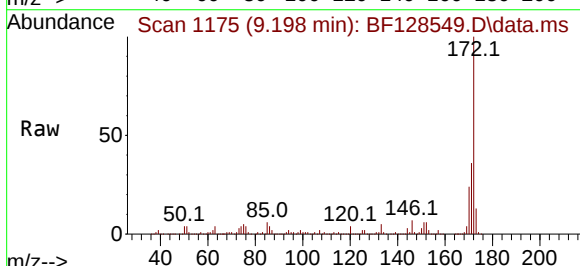
Tgt Ion:172 Resp: 2048291

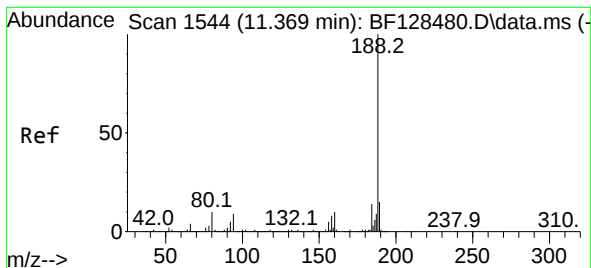
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.6 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128549.D

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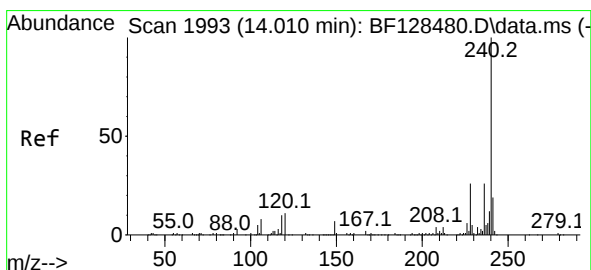
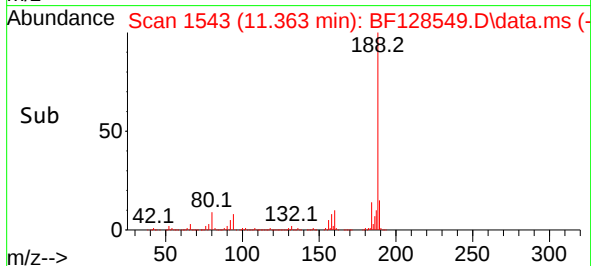
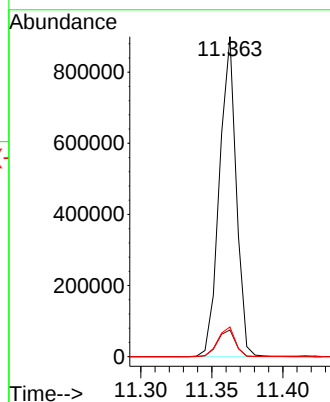
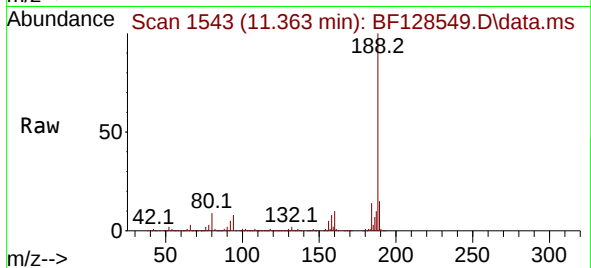
Tgt Ion:188 Resp: 739928

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.012 min

Lab File: BF128549.D

Acq: 28 May 2022 15:35

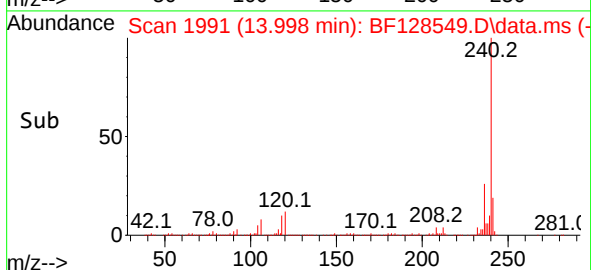
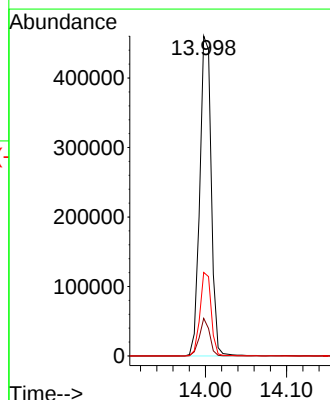
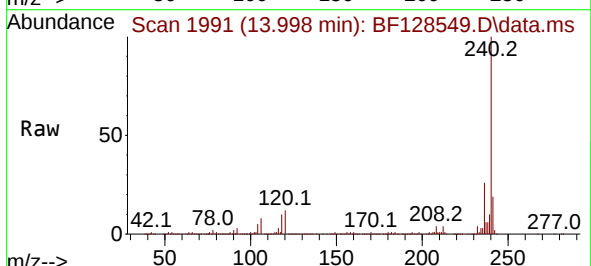
Tgt Ion:240 Resp: 451300

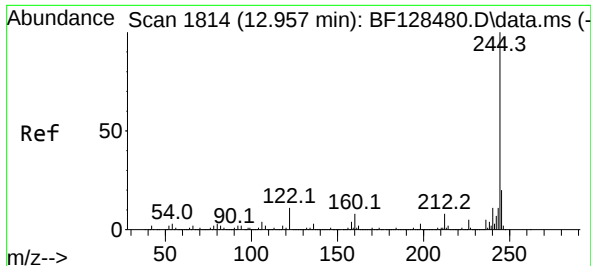
Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

236 26.1 20.8 31.2

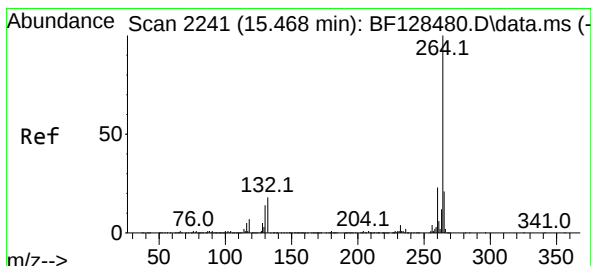
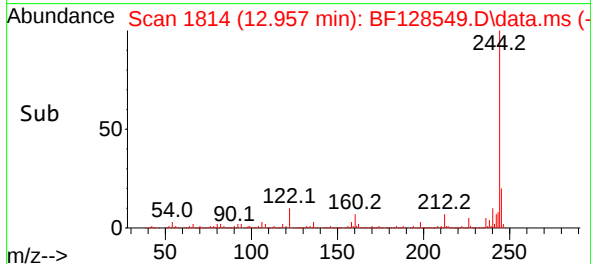
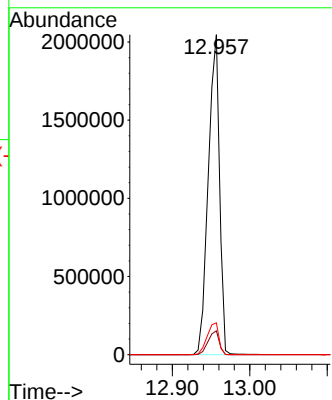
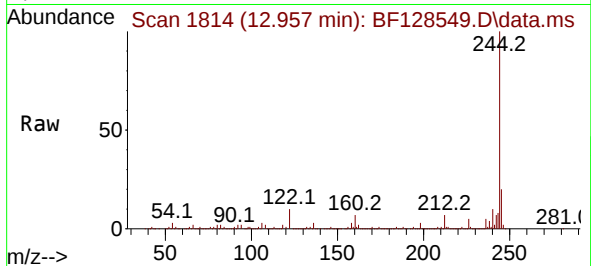




#79  
Terphenyl-d14  
Concen: 88.180 ng  
RT: 12.957 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128549.D  
Acq: 28 May 2022 15:35

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Tgt Ion:244 Resp: 2059856  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.1 9.1  
122 10.0 8.8 13.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.463 min Scan# 2240  
Delta R.T. -0.006 min  
Lab File: BF128549.D  
Acq: 28 May 2022 15:35

Tgt Ion:264 Resp: 364518  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.4 27.6  
265 20.8 17.2 25.8

