

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081524\  
 Data File : BP021522.D  
 Acq On : 15 Aug 2024 20:47  
 Operator : RC/JU  
 Sample : P3573-06  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 S-856-J-SO-1-1.5-080924-FD

Quant Time: Aug 16 01:30:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 14 00:00:30 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.804  | 152  | 407787   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.587 | 136  | 1624324  | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.451 | 164  | 1041844  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.245 | 188  | 2325604  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.698 | 240  | 2526677  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.109 | 264  | 2812398  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.399  | 112  | 2688199  | 97.885  | ng    | 0.00     |
| 7) Phenol-d6                | 6.963  | 99   | 3817853  | 95.298  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.946  | 82   | 2205682  | 70.088  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.957 | 330  | 1338906  | 115.470 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.057 | 172  | 4114284  | 60.269  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.974 | 244  | 7725700  | 59.402  | ng    | 0.00     |

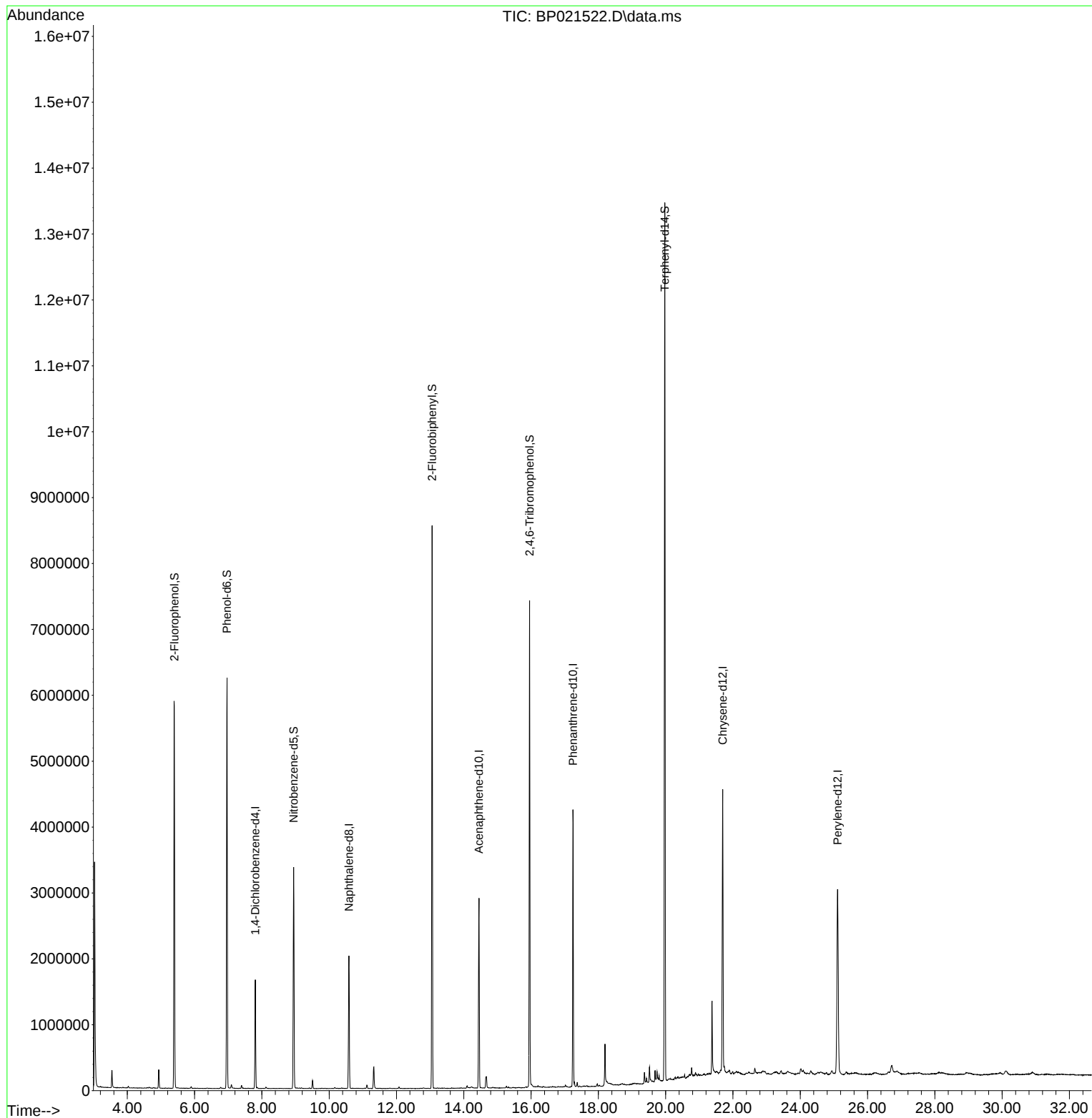
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

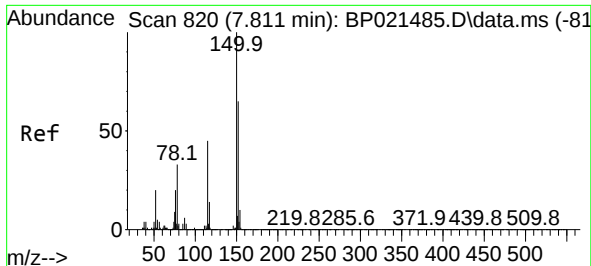
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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S-856-J-SO-1-1.5-080924-FD

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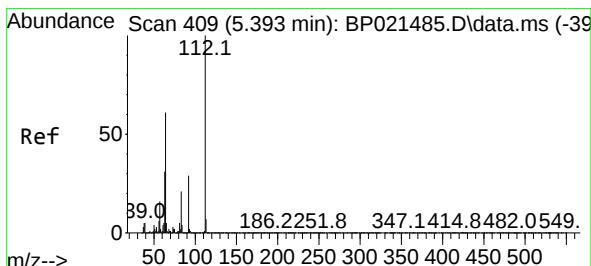
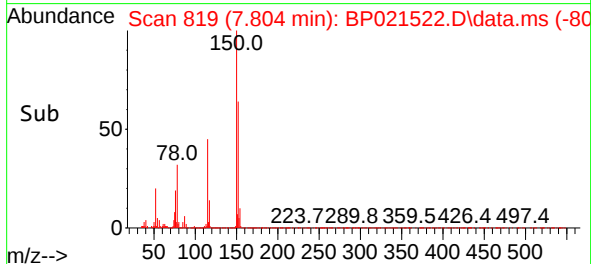
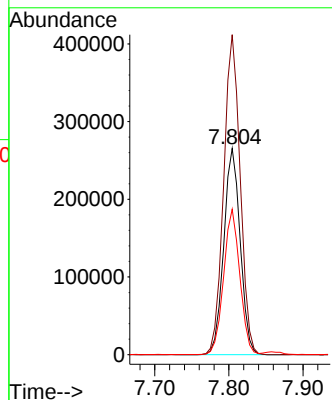
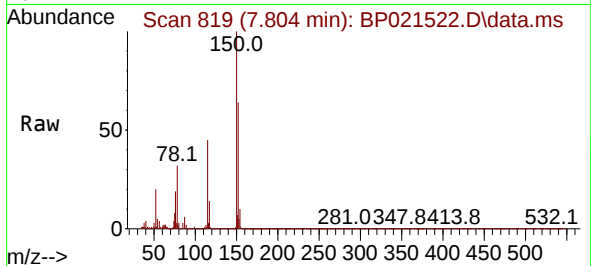




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.804 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BP021522.D  
Acq: 15 Aug 2024 20:47

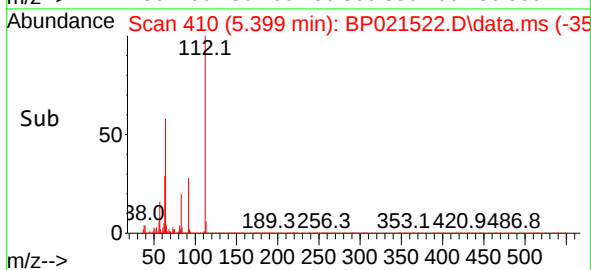
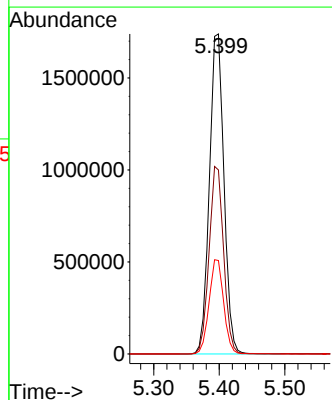
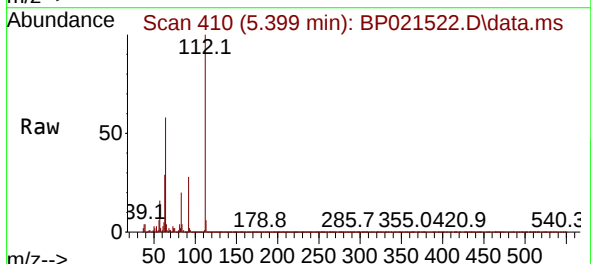
Instrument :  
BNA\_P  
ClientSampleId :  
S-856-J-SO-1-1.5-080924-FD

Tgt Ion:152 Resp: 407787  
Ion Ratio Lower Upper  
152 100  
150 155.2 122.4 183.6  
115 70.5 54.7 82.1



#5  
2-Fluorophenol  
Concen: 97.885 ng  
RT: 5.399 min Scan# 410  
Delta R.T. 0.006 min  
Lab File: BP021522.D  
Acq: 15 Aug 2024 20:47

Tgt Ion:112 Resp: 2688199  
Ion Ratio Lower Upper  
112 100  
64 57.5 49.0 73.6  
63 29.2 24.6 36.8

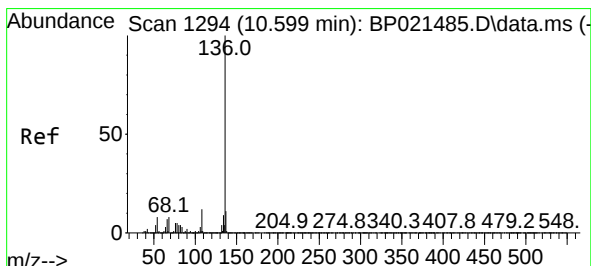
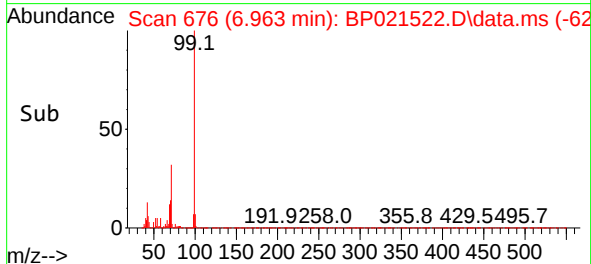
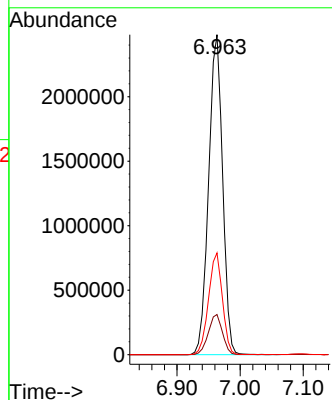
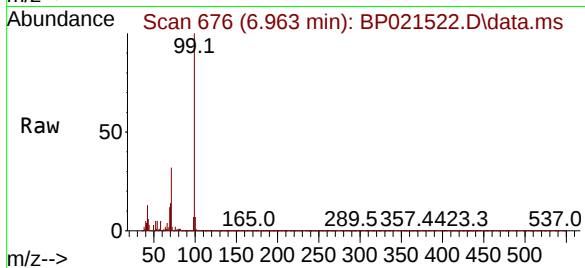




#7  
Phenol-d6  
Concen: 95.298 ng  
RT: 6.963 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP021522.D  
Acq: 15 Aug 2024 20:47

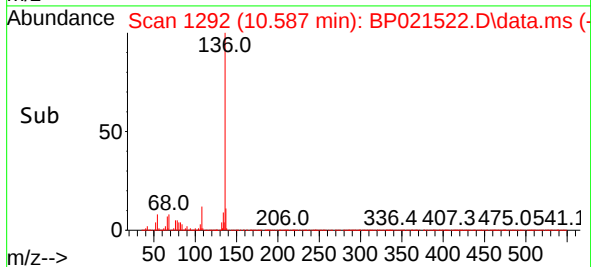
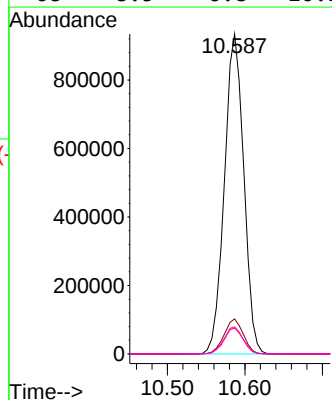
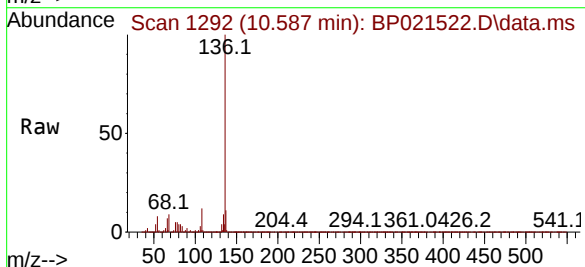
Instrument :  
BNA\_P  
ClientSampleId :  
S-856-J-SO-1-1.5-080924-FD

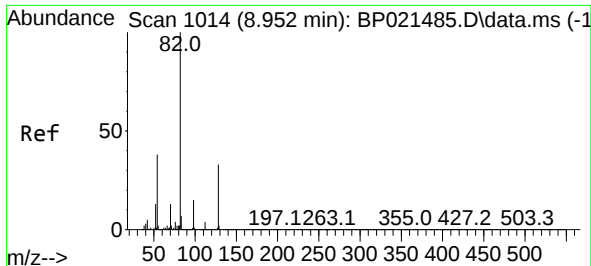
Tgt Ion: 99 Resp: 3817853  
Ion Ratio Lower Upper  
99 100  
42 12.6 10.2 15.4  
71 31.8 25.8 38.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.587 min Scan# 1292  
Delta R.T. -0.012 min  
Lab File: BP021522.D  
Acq: 15 Aug 2024 20:47

Tgt Ion:136 Resp: 1624324  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 8.1 6.3 9.5  
68 8.5 6.8 10.2



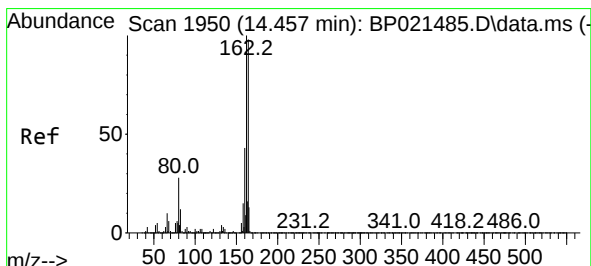
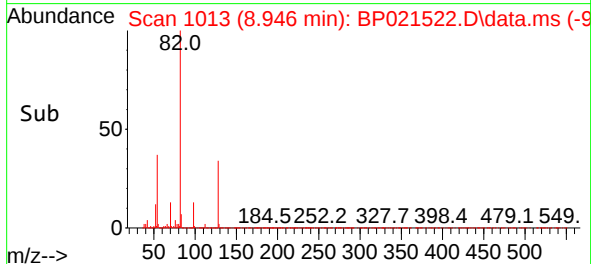
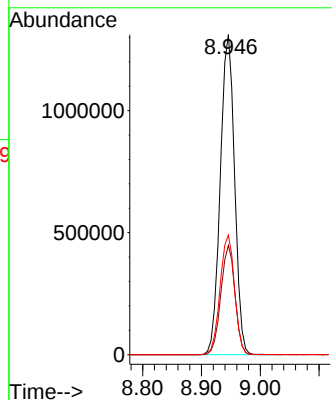
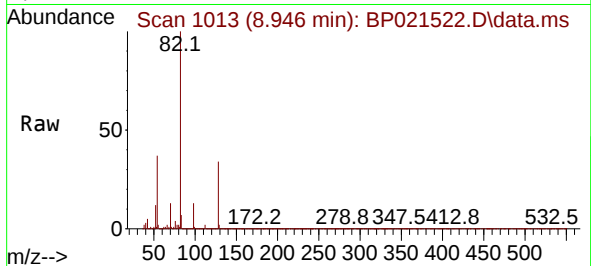


#23  
Nitrobenzene-d5  
Concen: 70.088 ng  
RT: 8.946 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BP021522.D  
Acq: 15 Aug 2024 20:47

Instrument :  
BNA\_P  
ClientSampleId :  
S-856-J-SO-1-1.5-080924-FD

Tgt Ion: 82 Resp: 2205682

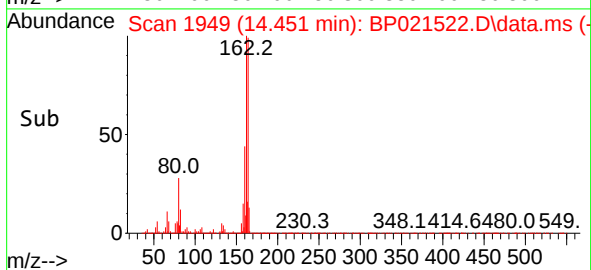
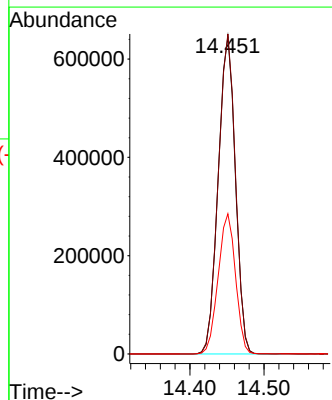
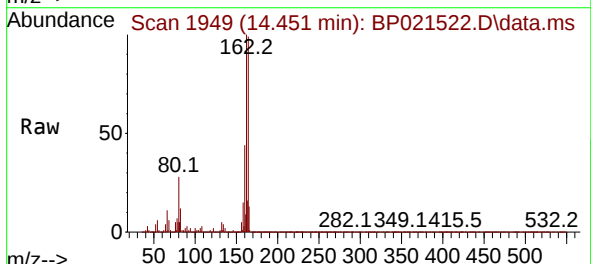
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 34.2  | 26.5  | 39.7  |
| 54  | 37.4  | 30.3  | 45.5  |

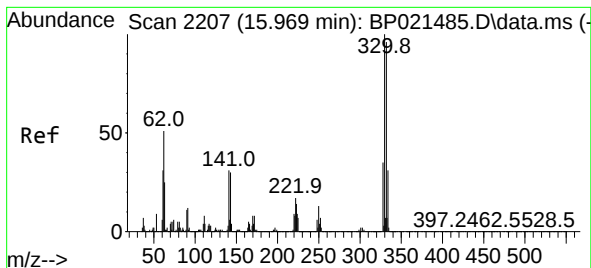


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.451 min Scan# 1949  
Delta R.T. -0.006 min  
Lab File: BP021522.D  
Acq: 15 Aug 2024 20:47

Tgt Ion: 164 Resp: 1041844

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.8 | 81.5  | 122.3 |
| 160 | 44.2  | 35.2  | 52.8  |

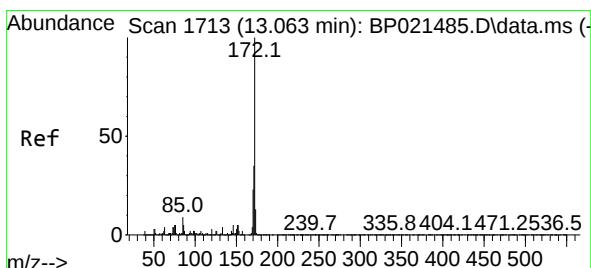
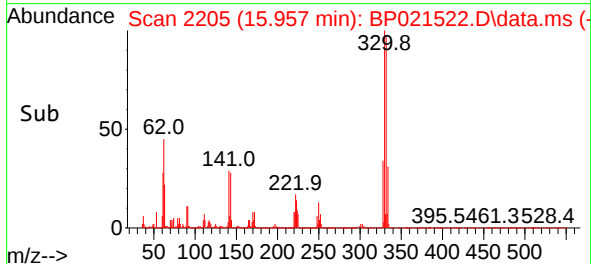
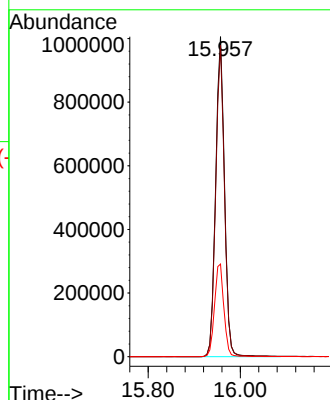
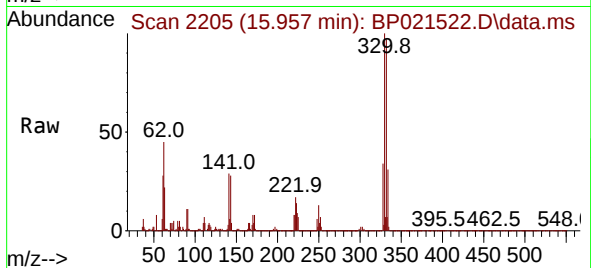




#42  
2,4,6-Tribromophenol  
Concen: 115.470 ng  
RT: 15.957 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP021522.D  
Acq: 15 Aug 2024 20:47

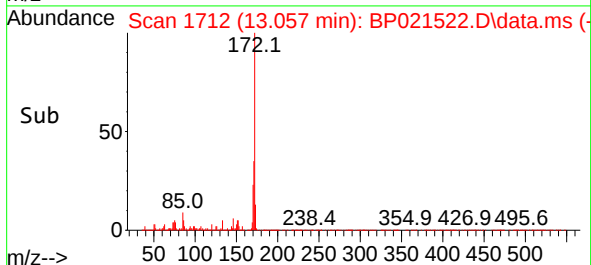
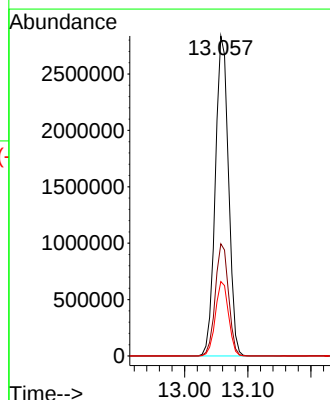
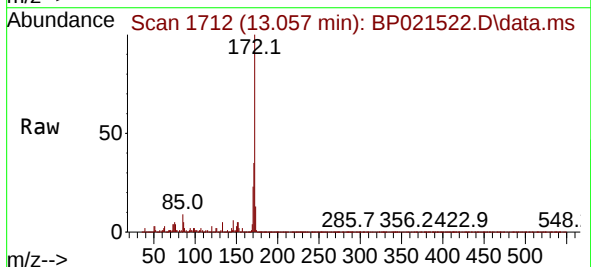
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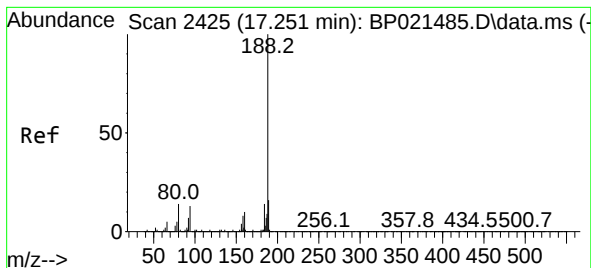
Tgt Ion:330 Resp: 1338906  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.4 116.0  
141 30.6 24.5 36.7



#45  
2-Fluorobiphenyl  
Concen: 60.269 ng  
RT: 13.057 min Scan# 1712  
Delta R.T. -0.006 min  
Lab File: BP021522.D  
Acq: 15 Aug 2024 20:47

Tgt Ion:172 Resp: 4114284  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.2 42.4  
170 23.2 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

Instrument :

BNA\_P

ClientSampleId :

S-856-J-SO-1-1.5-080924-FD

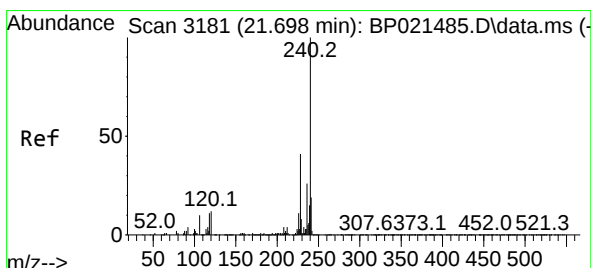
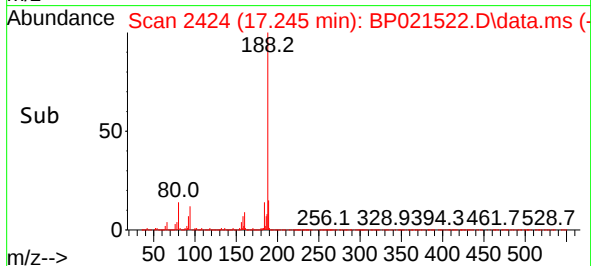
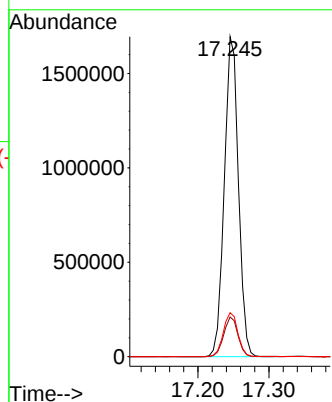
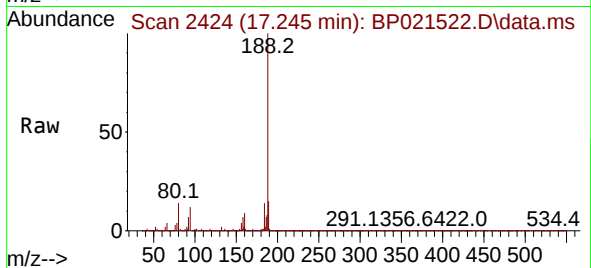
Tgt Ion:188 Resp: 2325604

Ion Ratio Lower Upper

188 100

94 12.4 10.2 15.4

80 13.8 11.6 17.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.698 min Scan# 3181

Delta R.T. -0.000 min

Lab File: BP021522.D

Acq: 15 Aug 2024 20:47

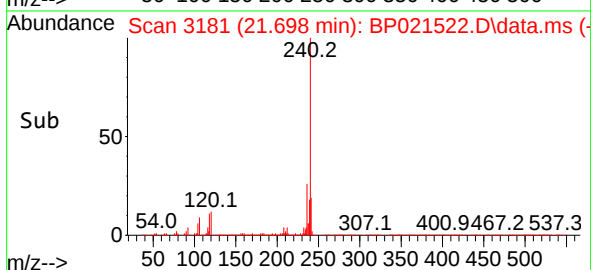
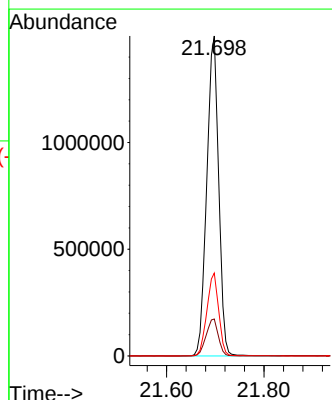
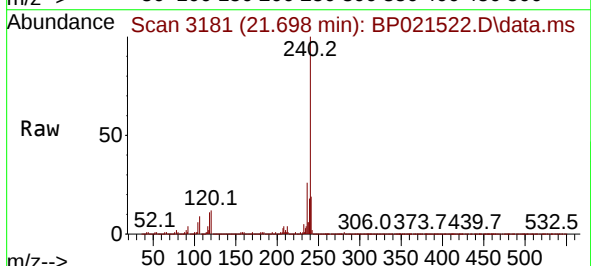
Tgt Ion:240 Resp: 2526677

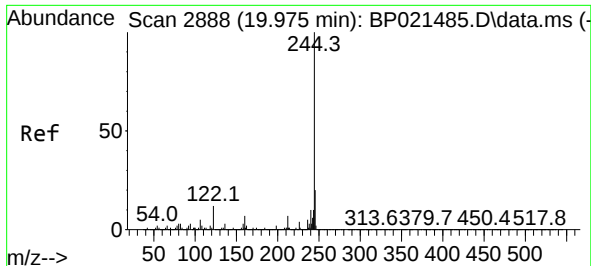
Ion Ratio Lower Upper

240 100

120 11.6 9.9 14.9

236 25.9 20.6 30.8

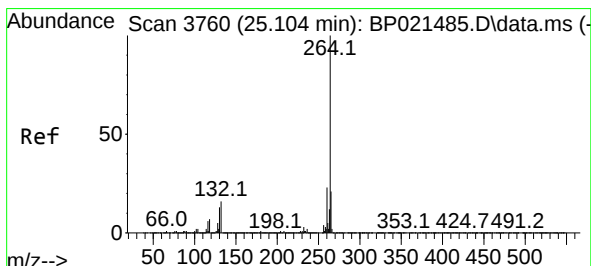
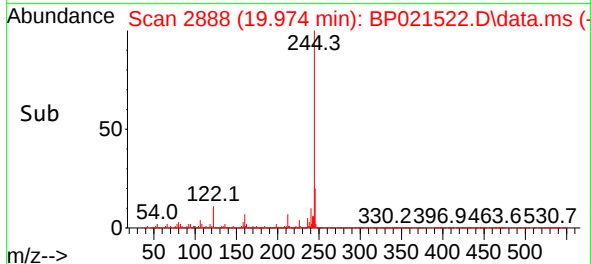
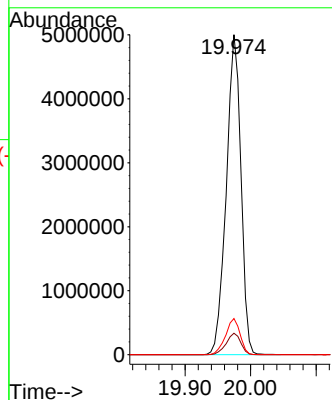
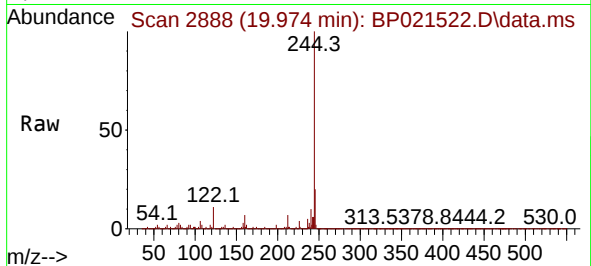




#79  
Terphenyl-d14  
Concen: 59.402 ng  
RT: 19.974 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BP021522.D  
Acq: 15 Aug 2024 20:47

Instrument :  
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S-856-J-SO-1-1.5-080924-FD

Tgt Ion:244 Resp: 7725700  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.6 8.4  
122 11.3 9.4 14.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.109 min Scan# 3761  
Delta R.T. 0.006 min  
Lab File: BP021522.D  
Acq: 15 Aug 2024 20:47

Tgt Ion:264 Resp: 2812398  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.6 28.0  
265 21.6 17.1 25.7

