

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081821\  
 Data File : BM031814.D  
 Acq On : 18 Aug 2021 20:16  
 Operator : CG/JU  
 Sample : M3451-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-0-5-COMP

Quant Time: Aug 19 03:05:11 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 18 14:13:35 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.540  | 152  | 23756    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.298 | 136  | 88801    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.175 | 164  | 53931    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.927 | 188  | 110510   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.133 | 240  | 103645   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.280 | 264  | 103697   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.175  | 112  | 207492   | 140.185 | ng    | 0.00     |
| 7) Phenol-d6                | 6.734  | 99   | 212818   | 99.228  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.693  | 82   | 206798   | 97.509  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.680 | 330  | 86743    | 130.591 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.792 | 172  | 390916   | 96.478  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.580 | 244  | 633395   | 102.966 | ng    | 0.00     |

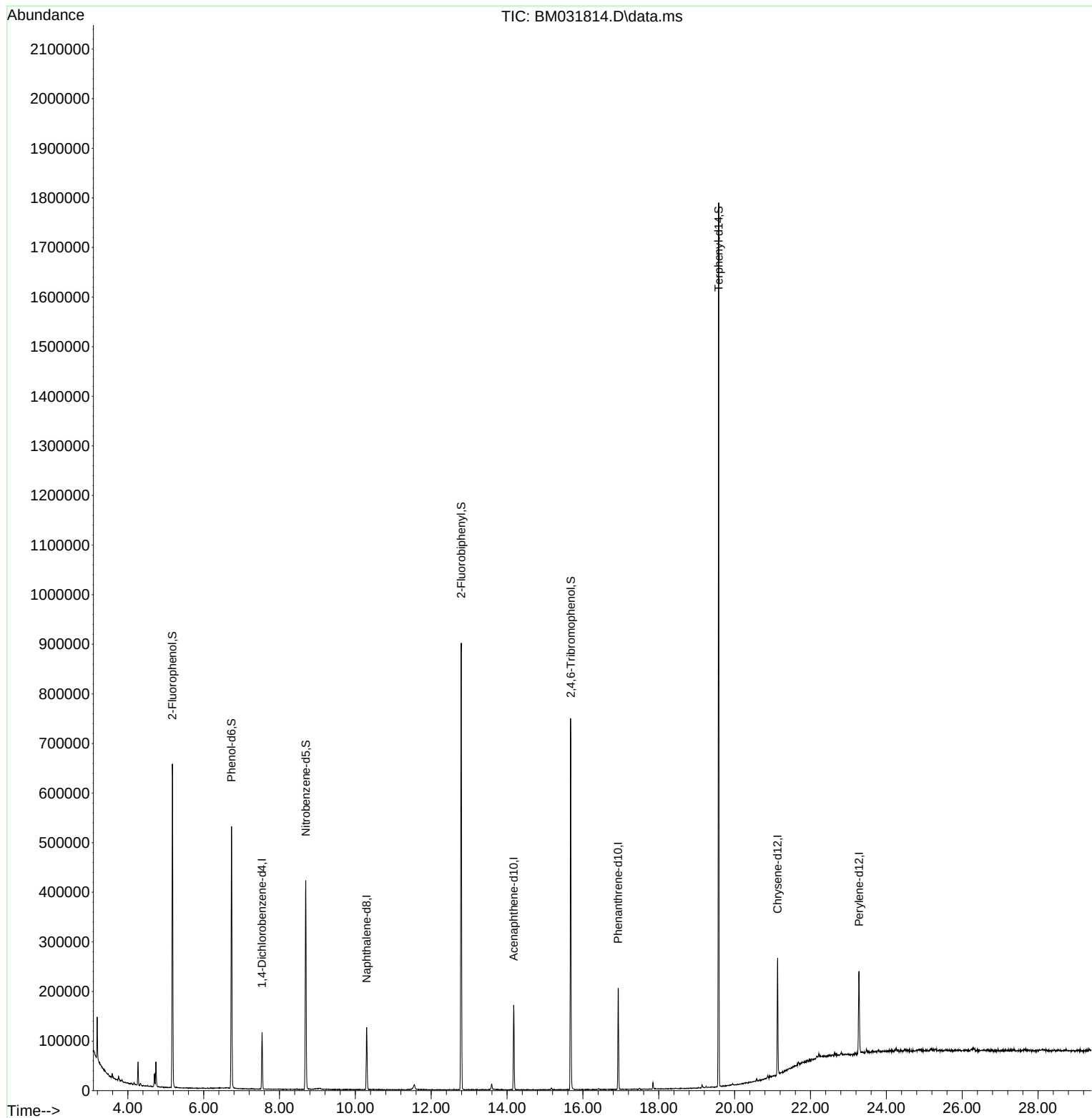
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

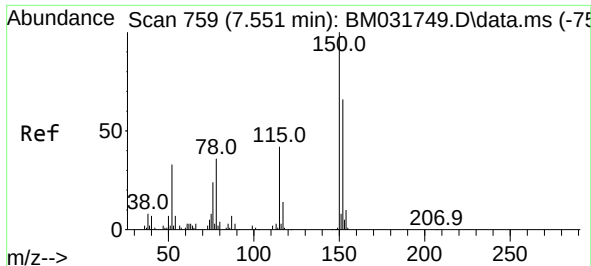
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 18 14:13:35 2021  
Response via : Initial Calibration

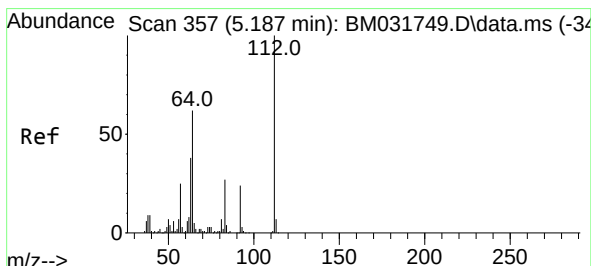
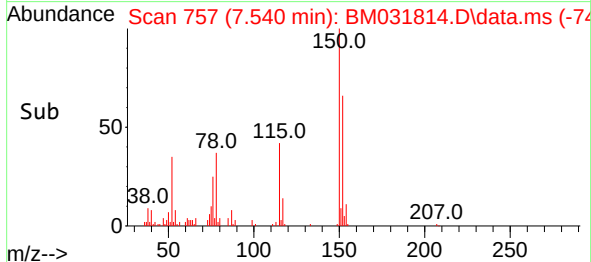
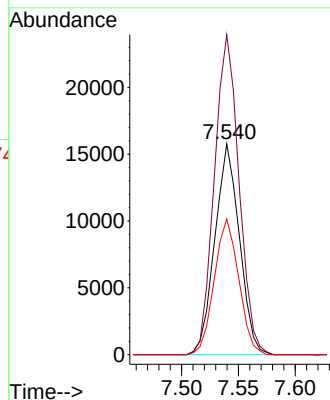
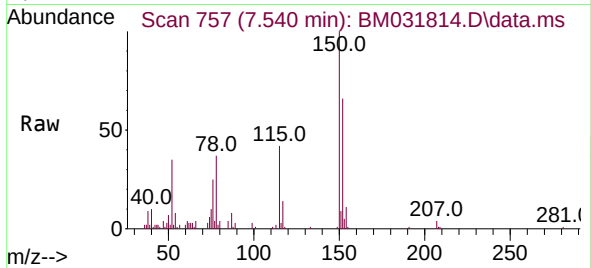




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.540 min Scan# 757  
Delta R.T. -0.000 min  
Lab File: BM031814.D  
Acq: 18 Aug 2021 20:16

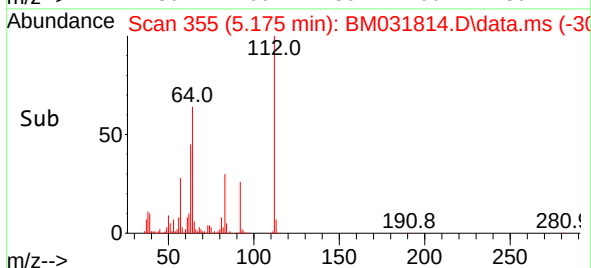
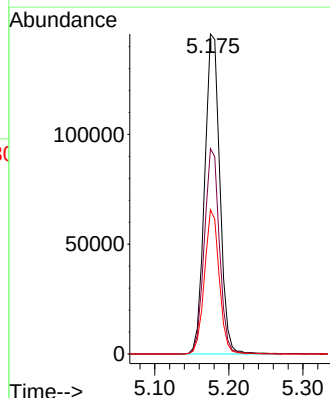
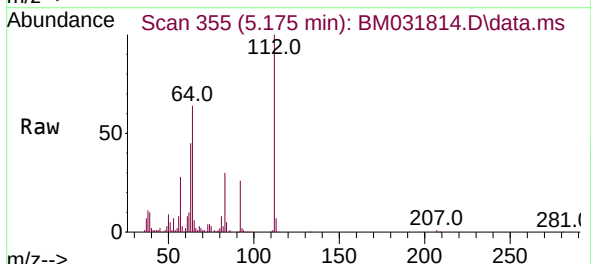
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BNA\_M  
ClientSampleId :  
TP-0-5-COMP

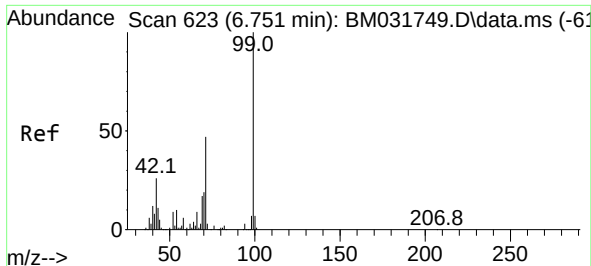
Tgt Ion:152 Resp: 23756  
Ion Ratio Lower Upper  
152 100  
150 151.7 125.9 188.9  
115 64.3 44.6 67.0



#5  
2-Fluorophenol  
Concen: 140.185 ng  
RT: 5.175 min Scan# 355  
Delta R.T. 0.000 min  
Lab File: BM031814.D  
Acq: 18 Aug 2021 20:16

Tgt Ion:112 Resp: 207492  
Ion Ratio Lower Upper  
112 100  
64 64.1 47.1 70.7  
63 45.1 27.3 40.9#

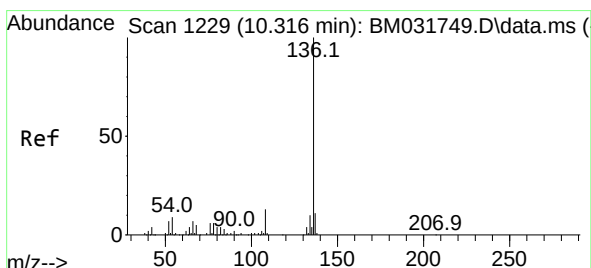
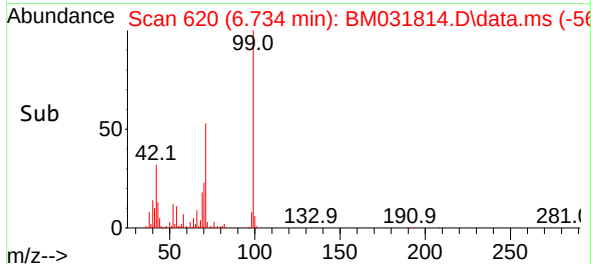
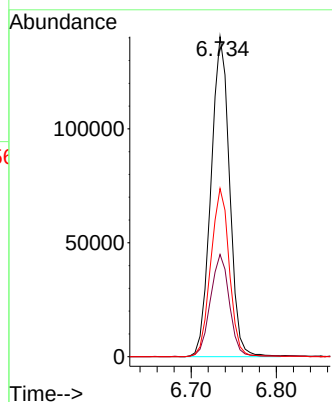
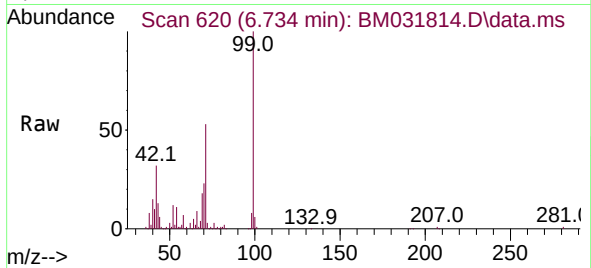




#7  
Phenol-d6  
Concen: 99.228 ng  
RT: 6.734 min Scan# 620  
Delta R.T. 0.000 min  
Lab File: BM031814.D  
Acq: 18 Aug 2021 20:16

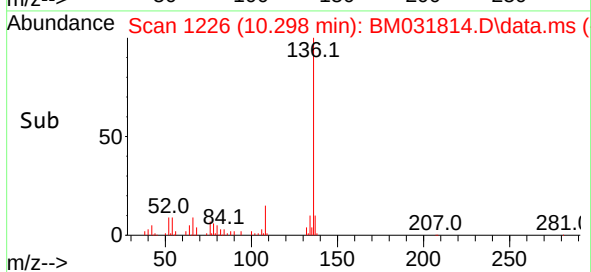
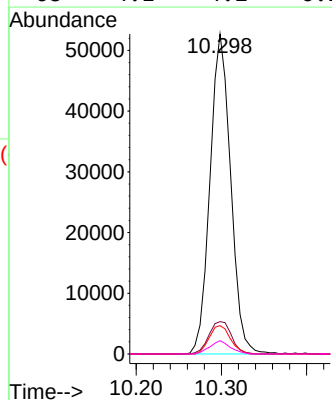
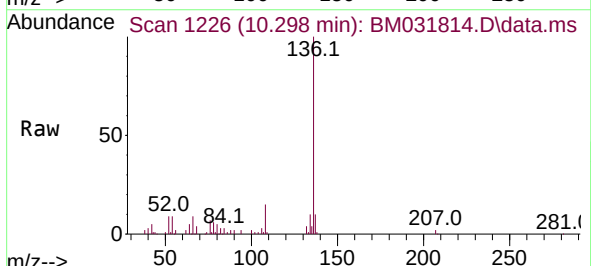
Instrument :  
BNA\_M  
ClientSampleId :  
TP-0-5-COMP

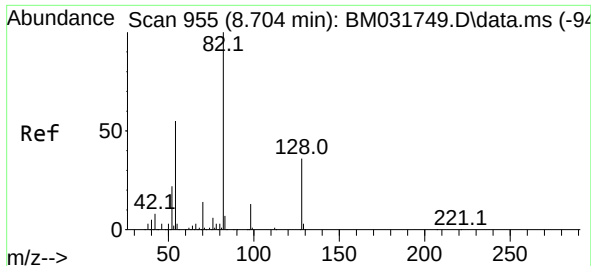
Tgt Ion: 99 Resp: 212818  
Ion Ratio Lower Upper  
99 100  
42 32.0 18.0 27.0#  
71 52.5 30.9 46.3#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.298 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: BM031814.D  
Acq: 18 Aug 2021 20:16

Tgt Ion: 136 Resp: 88801  
Ion Ratio Lower Upper  
136 100  
137 10.1 8.4 12.6  
54 8.8 5.5 8.3#  
68 4.1 4.2 6.2#

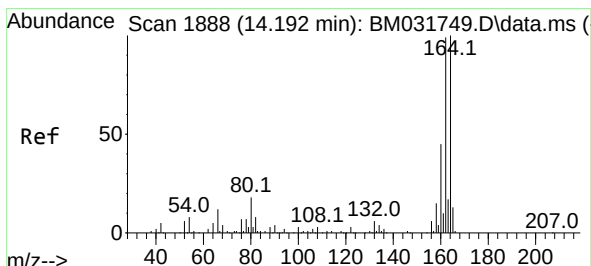
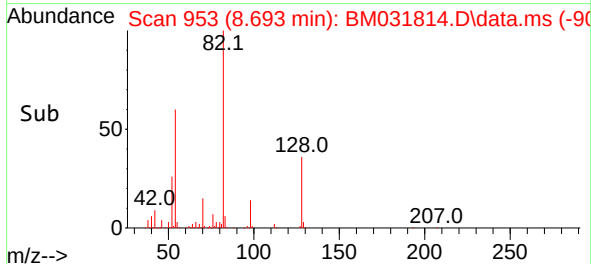
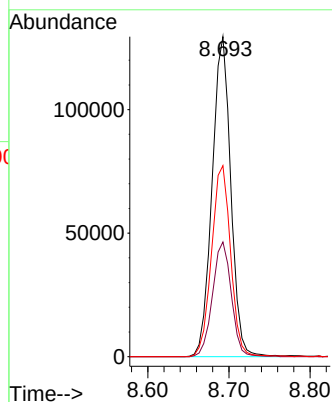
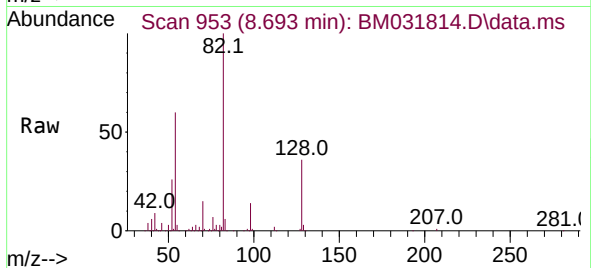




#23  
Nitrobenzene-d5  
Concen: 97.509 ng  
RT: 8.693 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BM031814.D  
Acq: 18 Aug 2021 20:16

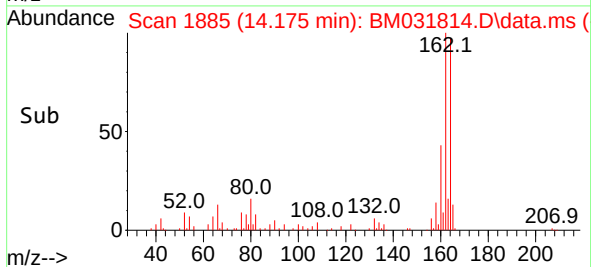
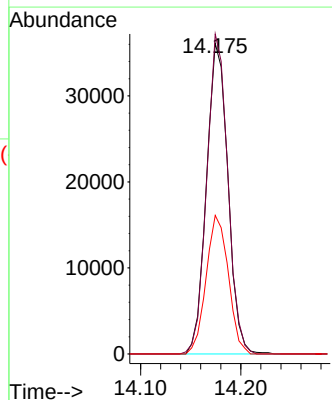
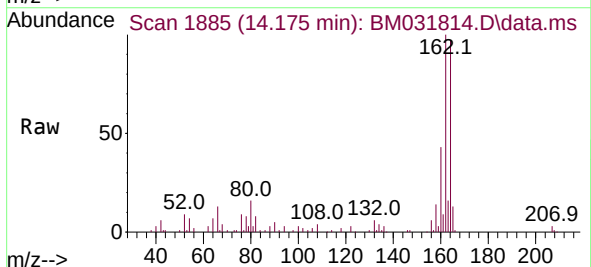
Instrument :  
BNA\_M  
ClientSampleId :  
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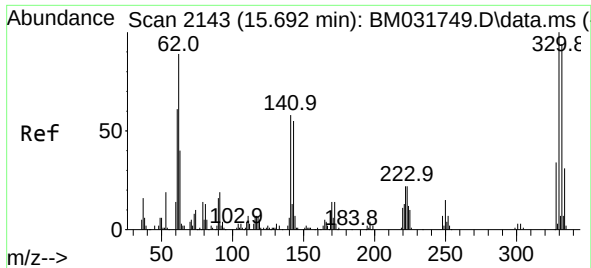
Tgt Ion: 82 Resp: 206798  
Ion Ratio Lower Upper  
82 100  
128 35.8 31.1 46.7  
54 59.7 37.3 55.9#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.175 min Scan# 1885  
Delta R.T. -0.006 min  
Lab File: BM031814.D  
Acq: 18 Aug 2021 20:16

Tgt Ion: 164 Resp: 53931  
Ion Ratio Lower Upper  
164 100  
162 103.0 83.4 125.0  
160 44.6 37.2 55.8

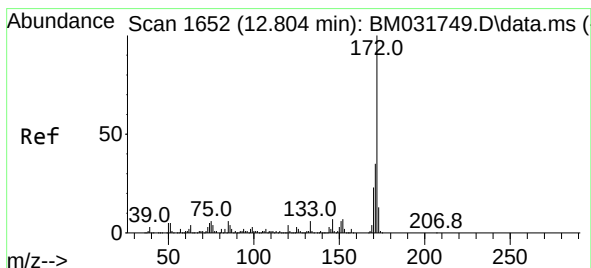
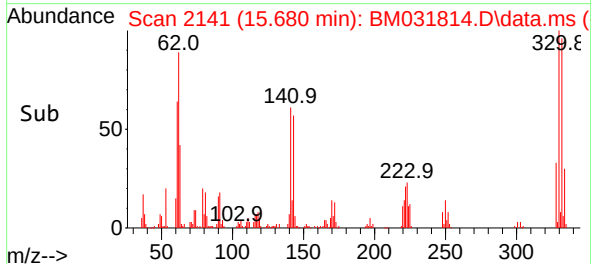
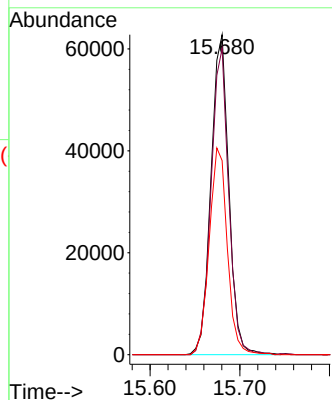
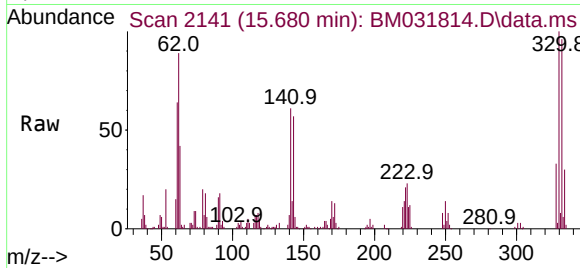




#42  
2,4,6-Tribromophenol  
Concen: 130.591 ng  
RT: 15.680 min Scan# 2141  
Delta R.T. 0.000 min  
Lab File: BM031814.D  
Acq: 18 Aug 2021 20:16

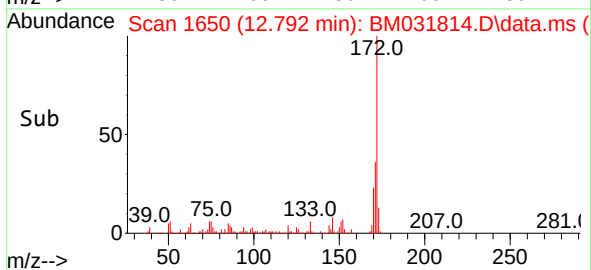
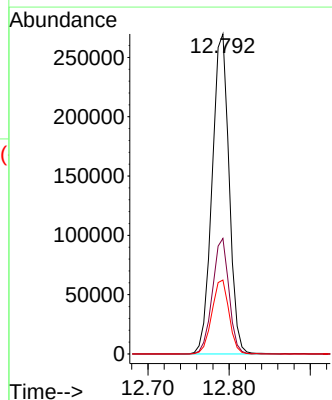
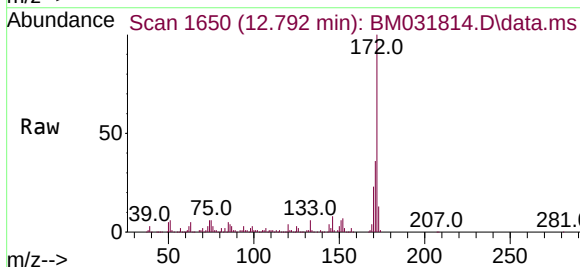
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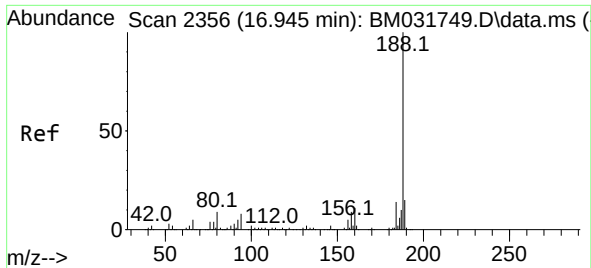
Tgt Ion:330 Resp: 86743  
Ion Ratio Lower Upper  
330 100  
332 94.7 77.0 115.4  
141 65.5 30.2 45.2#



#45  
2-Fluorobiphenyl  
Concen: 96.478 ng  
RT: 12.792 min Scan# 1650  
Delta R.T. 0.000 min  
Lab File: BM031814.D  
Acq: 18 Aug 2021 20:16

Tgt Ion:172 Resp: 390916  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.6 43.0  
170 23.1 18.4 27.6

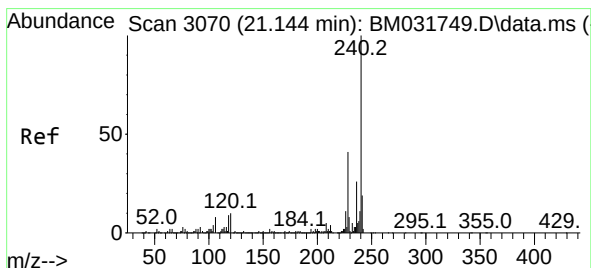
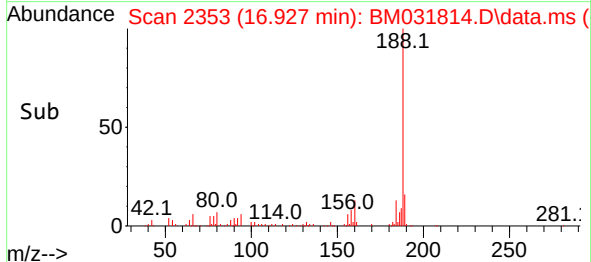
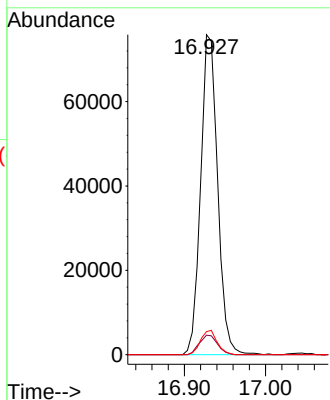
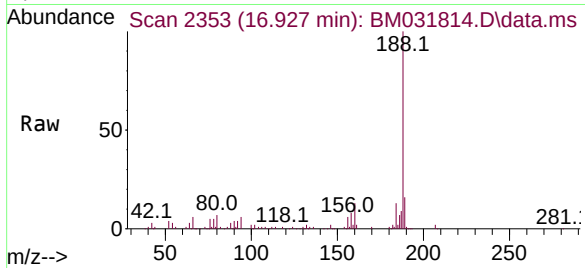




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.927 min Scan# 2353  
Delta R.T. -0.006 min  
Lab File: BM031814.D  
Acq: 18 Aug 2021 20:16

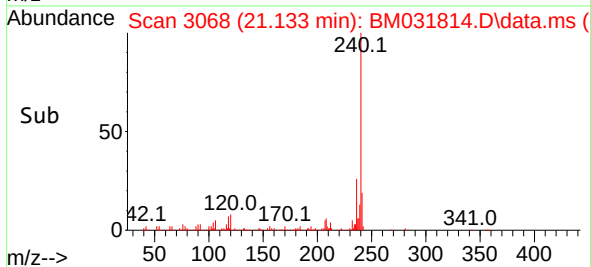
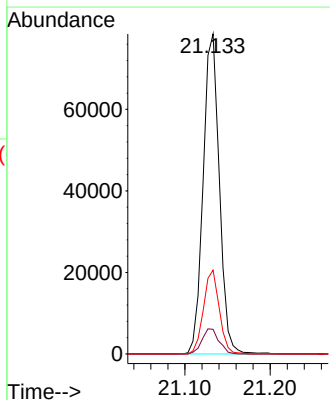
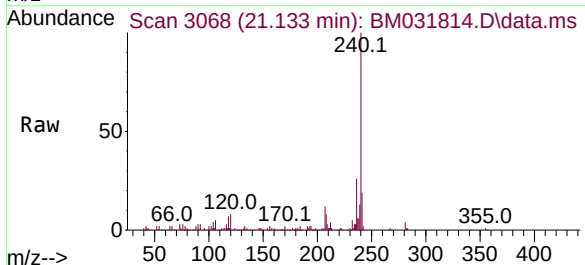
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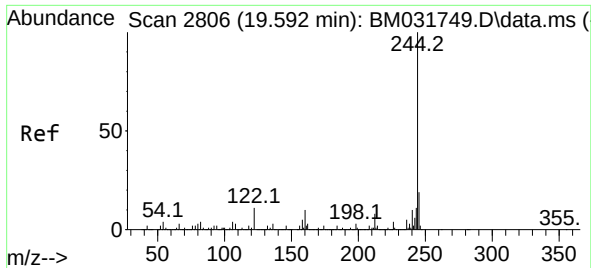
Tgt Ion:188 Resp: 110510  
Ion Ratio Lower Upper  
188 100  
94 6.1 6.0 9.0  
80 7.2 6.6 9.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.133 min Scan# 3068  
Delta R.T. 0.000 min  
Lab File: BM031814.D  
Acq: 18 Aug 2021 20:16

Tgt Ion:240 Resp: 103645  
Ion Ratio Lower Upper  
240 100  
120 7.7 7.0 10.6  
236 26.2 21.0 31.4

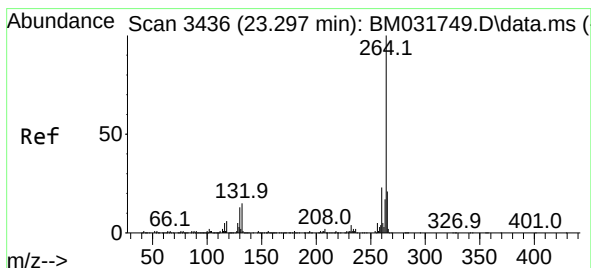
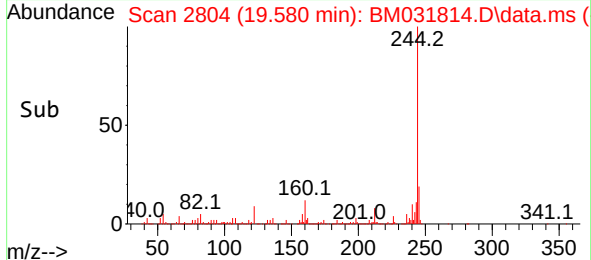
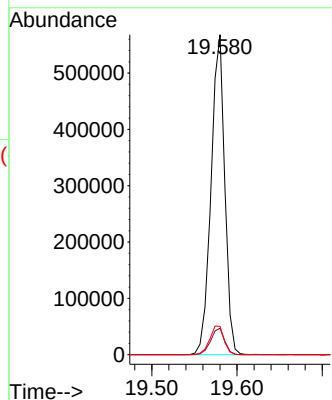
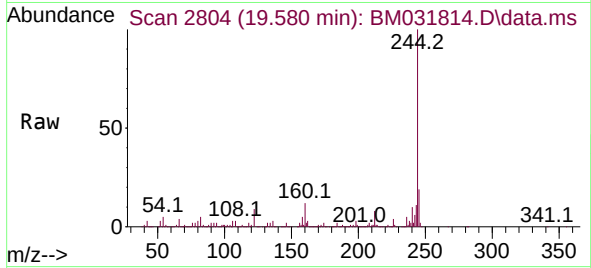




#79  
 Terphenyl-d14  
 Concen: 102.966 ng  
 RT: 19.580 min Scan# 2804  
 Delta R.T. 0.000 min  
 Lab File: BM031814.D  
 Acq: 18 Aug 2021 20:16

Instrument :  
 BNA\_M  
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Tgt Ion:244 Resp: 633395  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.3 9.5  
 122 8.9 6.9 10.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.280 min Scan# 3433  
 Delta R.T. 0.000 min  
 Lab File: BM031814.D  
 Acq: 18 Aug 2021 20:16

Tgt Ion:264 Resp: 103697  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 19.8 29.8  
 265 21.0 17.7 26.5

