

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122921\  
 Data File : BP008592.D  
 Acq On : 29 Dec 2021 10:14  
 Operator : CG/JU  
 Sample : PB141666BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB141666BL

Quant Time: Dec 29 13:37:53 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 29 13:29:13 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.899  | 152  | 688132   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.699 | 136  | 2776856  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.528 | 164  | 2014561  | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.275 | 188  | 4490998  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.357 | 240  | 3888019  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.780 | 264  | 3398516  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.475  | 112  | 4832027  | 128.169 | ng    | 0.00     |
| 7) Phenol-d6                | 7.063  | 99   | 6108063  | 116.399 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.052  | 82   | 3630888  | 77.785  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.016 | 330  | 3404401  | 124.904 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.157 | 172  | 10816897 | 81.113  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.827 | 244  | 13966213 | 83.063  | ng    | 0.00     |

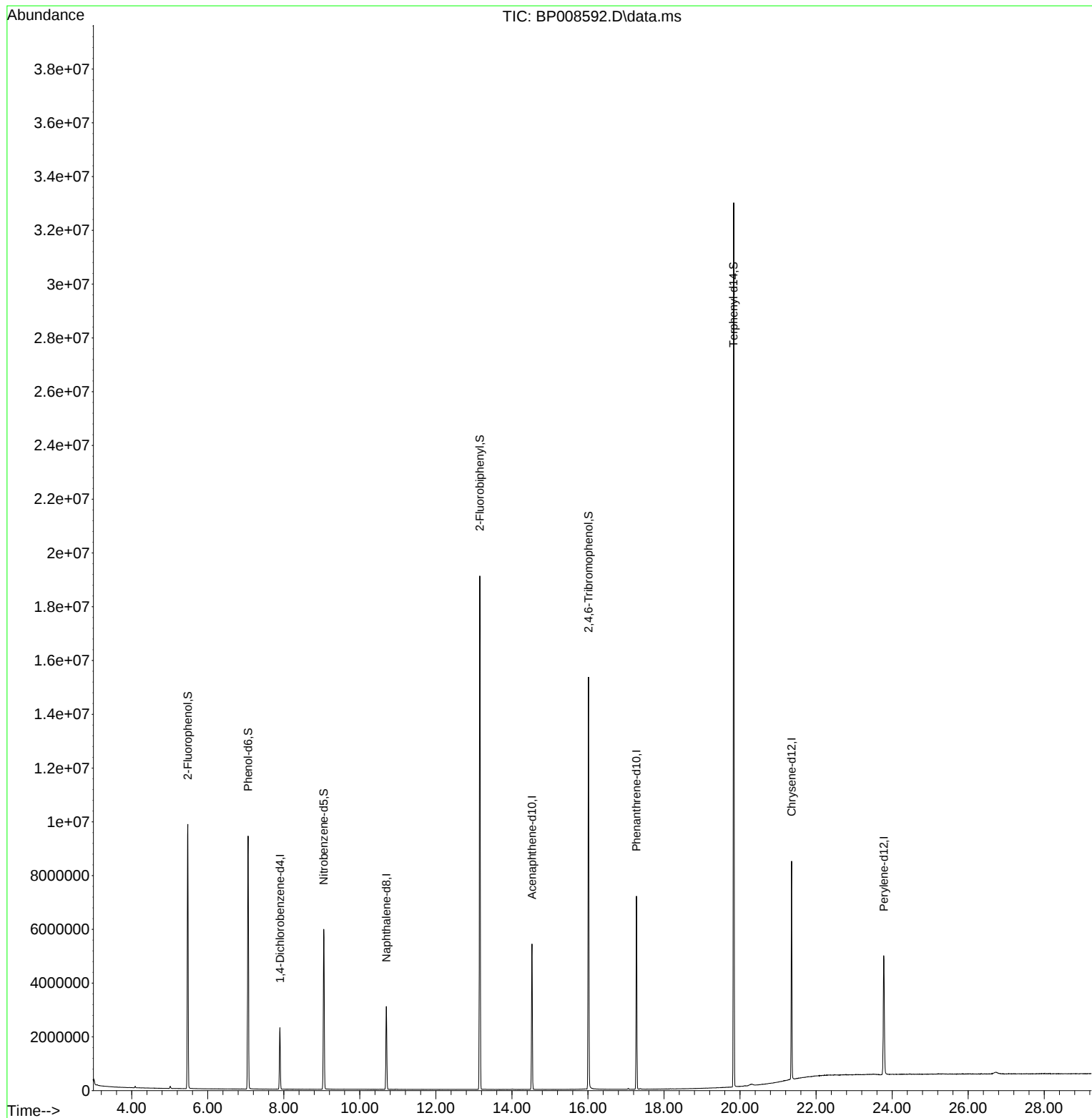
| Target Compounds | Qvalue |
|------------------|--------|
| -----            | -----  |

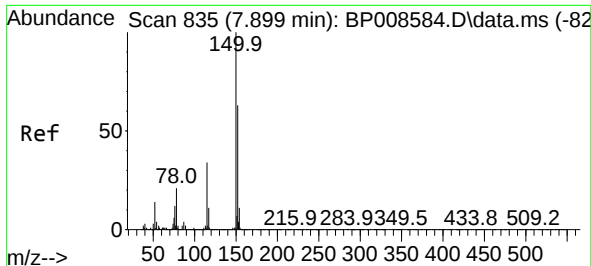
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122921\  
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Sample : PB141666BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
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Quant Time: Dec 29 13:37:53 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 29 13:29:13 2021  
Response via : Initial Calibration

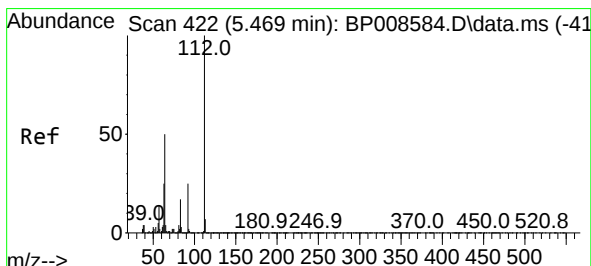
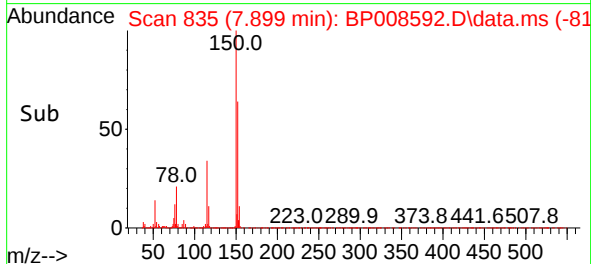
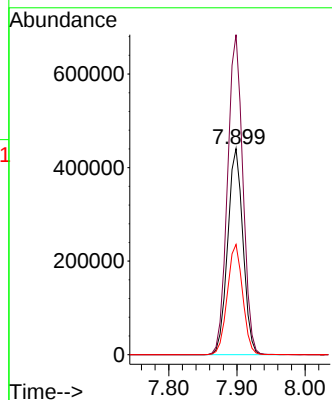
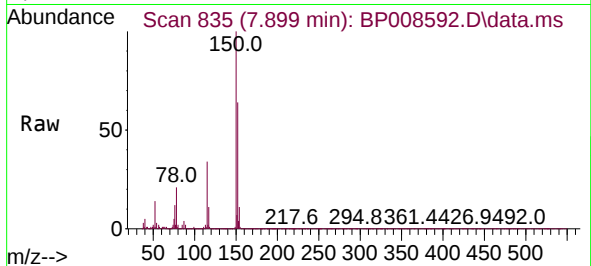




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.899 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP008592.D  
Acq: 29 Dec 2021 10:14

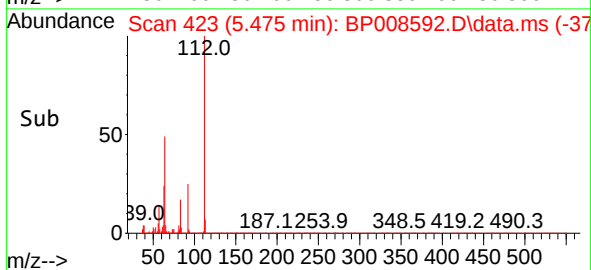
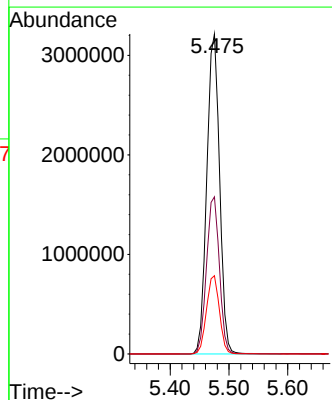
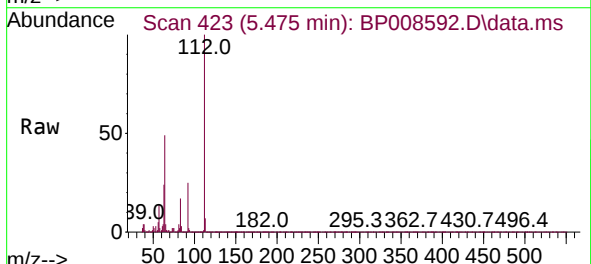
Instrument :  
BNA\_P  
ClientSampleId :  
PB141666BL

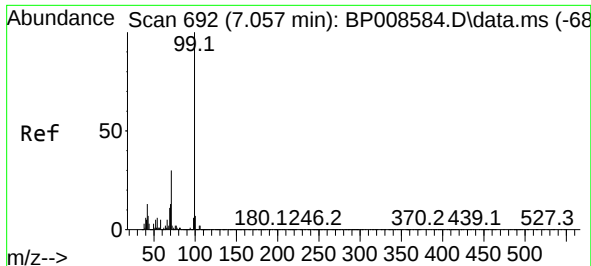
Tgt Ion:152 Resp: 688132  
Ion Ratio Lower Upper  
152 100  
150 155.3 127.0 190.6  
115 53.5 43.7 65.5



#5  
2-Fluorophenol  
Concen: 128.169 ng  
RT: 5.475 min Scan# 423  
Delta R.T. 0.006 min  
Lab File: BP008592.D  
Acq: 29 Dec 2021 10:14

Tgt Ion:112 Resp: 4832027  
Ion Ratio Lower Upper  
112 100  
64 49.1 39.7 59.5  
63 24.5 20.0 30.0



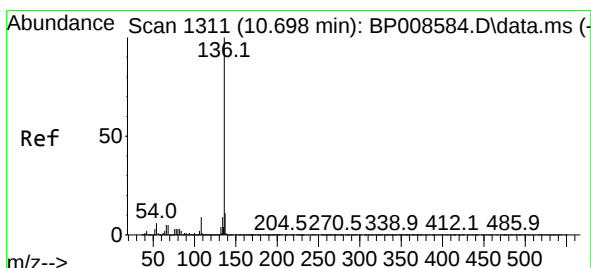
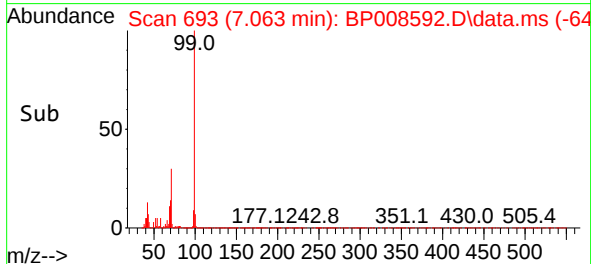
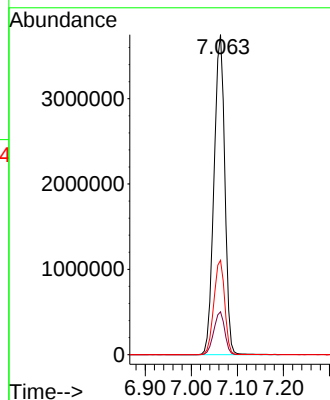
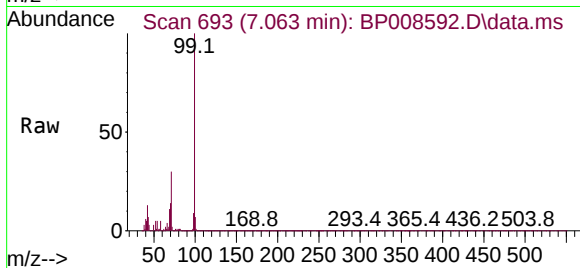


#7  
Phenol-d6  
Concen: 116.399 ng  
RT: 7.063 min Scan# 692  
Delta R.T. 0.006 min  
Lab File: BP008592.D  
Acq: 29 Dec 2021 10:14

Instrument :  
BNA\_P  
ClientSampleId :  
PB141666BL

Tgt Ion: 99 Resp: 6108063

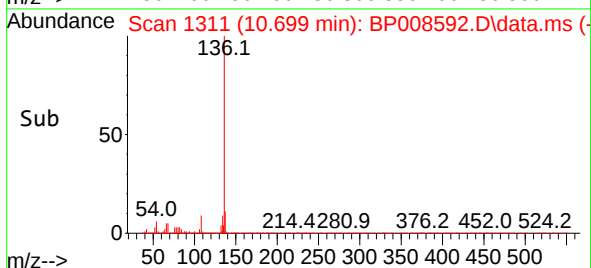
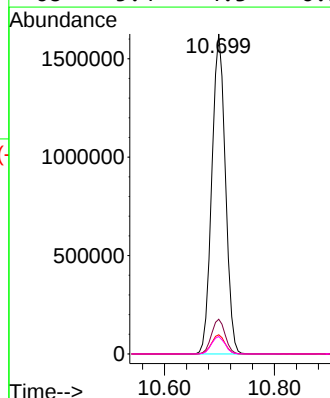
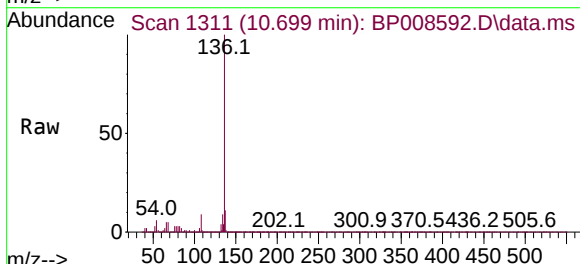
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.4  | 10.8  | 16.2  |
| 71  | 29.5  | 23.8  | 35.6  |

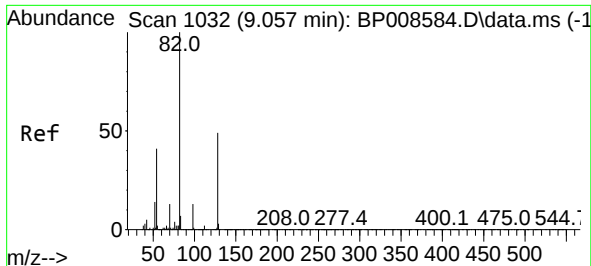


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.699 min Scan# 1311  
Delta R.T. 0.000 min  
Lab File: BP008592.D  
Acq: 29 Dec 2021 10:14

Tgt Ion: 136 Resp: 2776856

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 9.0   | 13.4  |
| 54  | 6.0   | 4.9   | 7.3   |
| 68  | 5.4   | 4.3   | 6.5   |

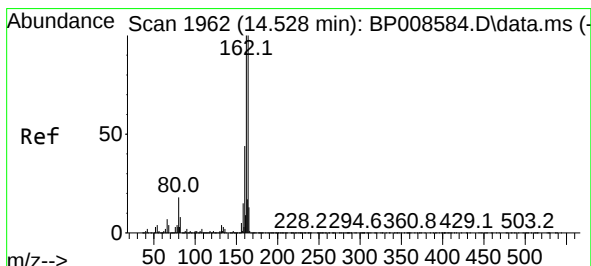
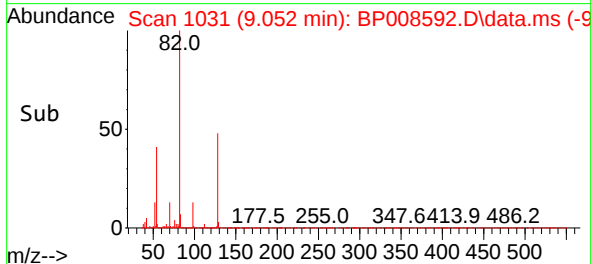
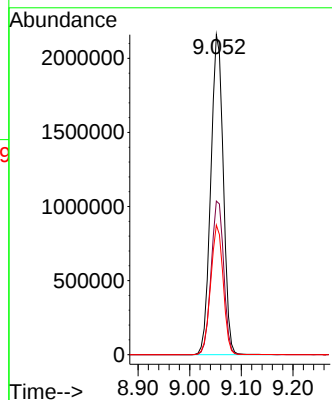
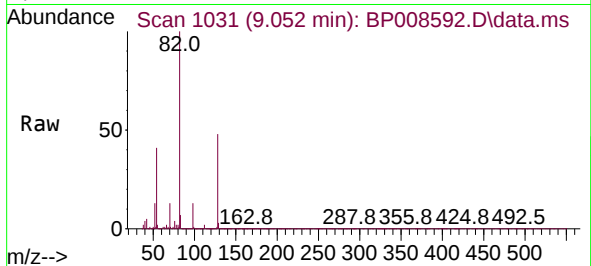




#23  
Nitrobenzene-d5  
Concen: 77.785 ng  
RT: 9.052 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BP008592.D  
Acq: 29 Dec 2021 10:14

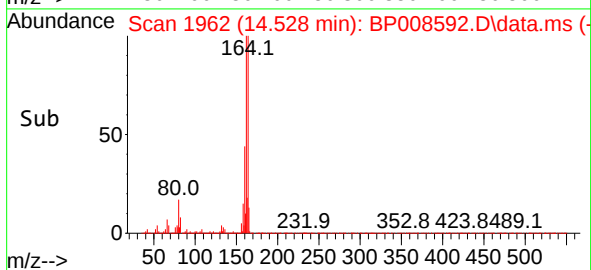
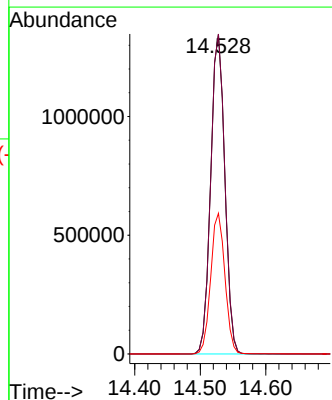
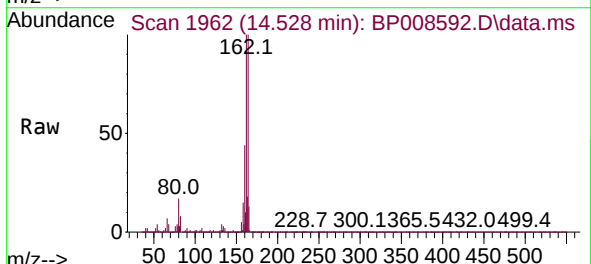
Instrument :  
BNA\_P  
ClientSampleId :  
PB141666BL

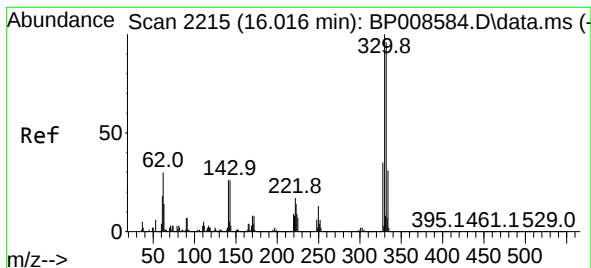
Tgt Ion: 82 Resp: 3630888  
Ion Ratio Lower Upper  
82 100  
128 48.0 39.4 59.2  
54 40.5 32.6 48.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.528 min Scan# 1962  
Delta R.T. 0.000 min  
Lab File: BP008592.D  
Acq: 29 Dec 2021 10:14

Tgt Ion: 164 Resp: 2014561  
Ion Ratio Lower Upper  
164 100  
162 100.1 79.9 119.9  
160 44.0 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 124.904 ng

RT: 16.016 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BP008592.D

Acq: 29 Dec 2021 10:14

Instrument :

BNA\_P

ClientSampleId :

PB141666BL

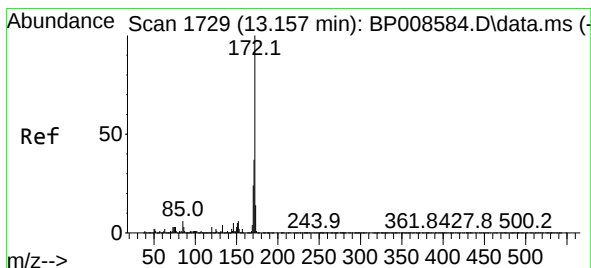
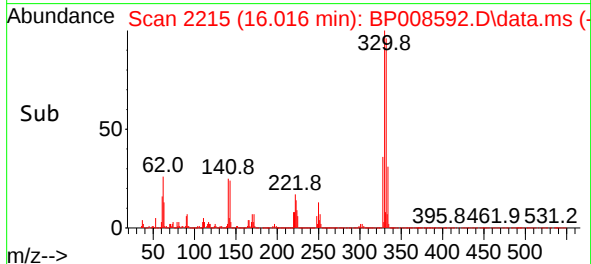
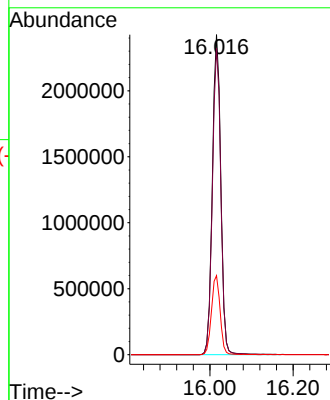
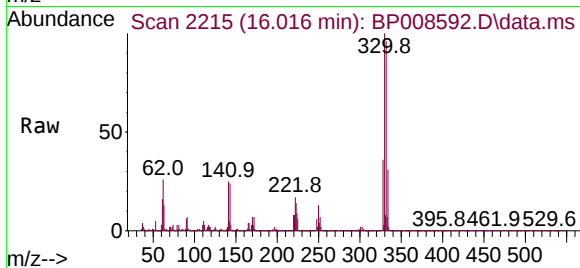
Tgt Ion:330 Resp: 3404401

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.4

141 25.5 21.3 31.9



#45

2-Fluorobiphenyl

Concen: 81.113 ng

RT: 13.157 min Scan# 1729

Delta R.T. 0.000 min

Lab File: BP008592.D

Acq: 29 Dec 2021 10:14

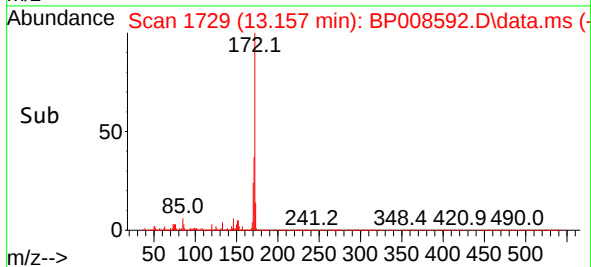
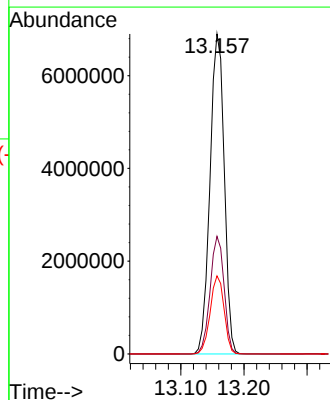
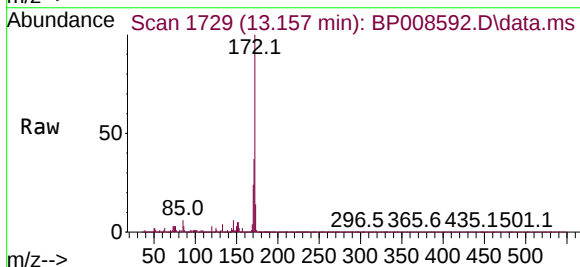
Tgt Ion:172 Resp:10816897

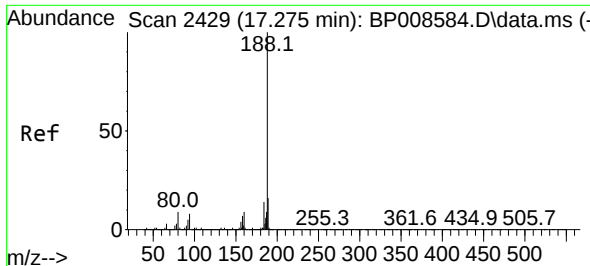
Ion Ratio Lower Upper

172 100

171 36.8 29.3 43.9

170 24.4 19.5 29.3

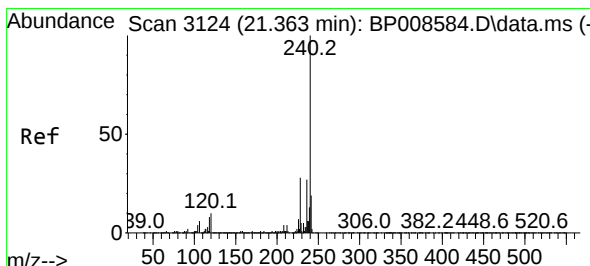
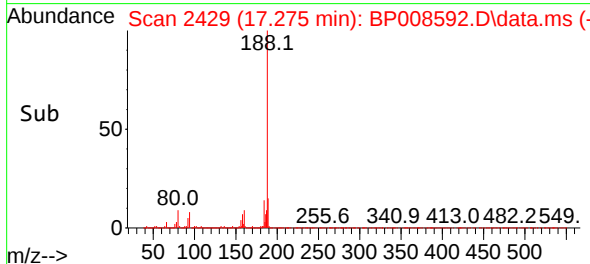
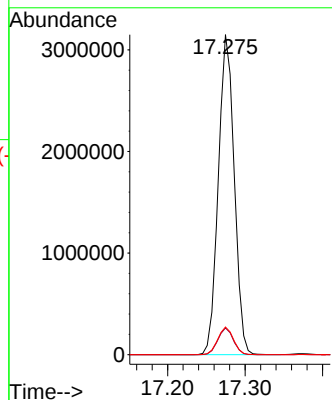
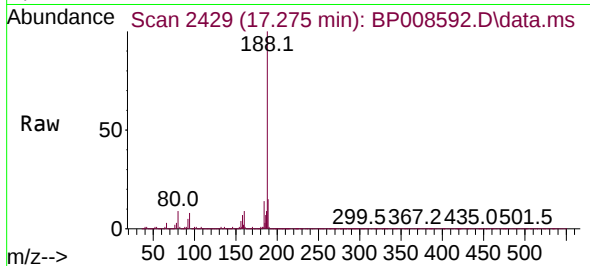




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.275 min Scan# 2429  
Delta R.T. -0.000 min  
Lab File: BP008592.D  
Acq: 29 Dec 2021 10:14

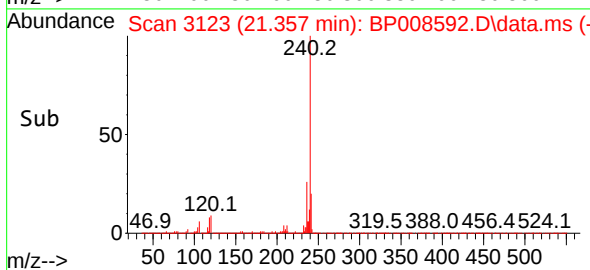
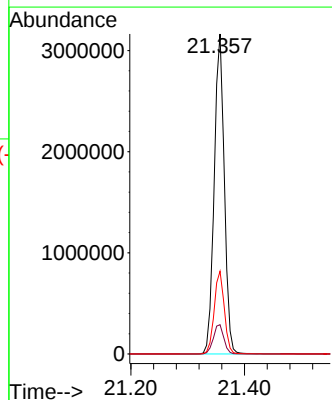
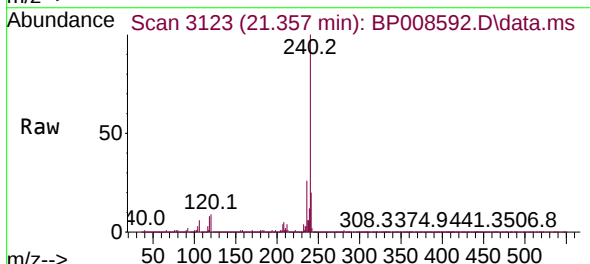
Instrument :  
BNA\_P  
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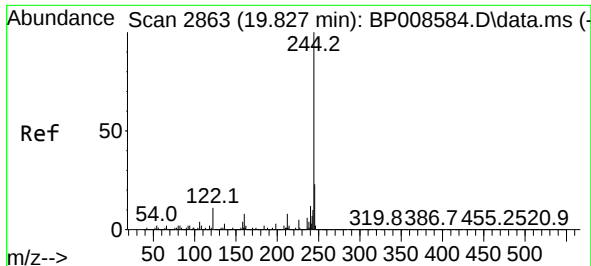
Tgt Ion:188 Resp: 4490998  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.8 10.2  
80 8.6 7.2 10.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.357 min Scan# 3123  
Delta R.T. -0.006 min  
Lab File: BP008592.D  
Acq: 29 Dec 2021 10:14

Tgt Ion:240 Resp: 3888019  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.7 11.5  
236 25.8 21.2 31.8

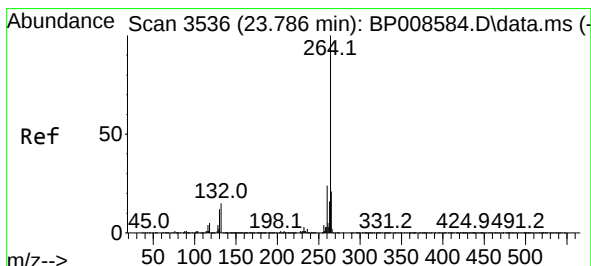
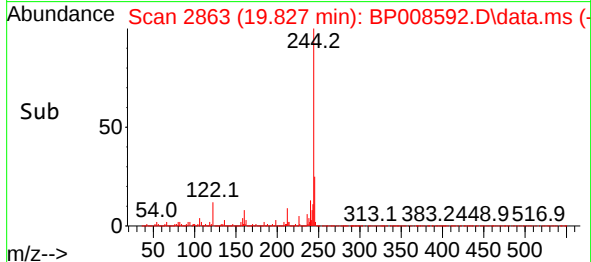
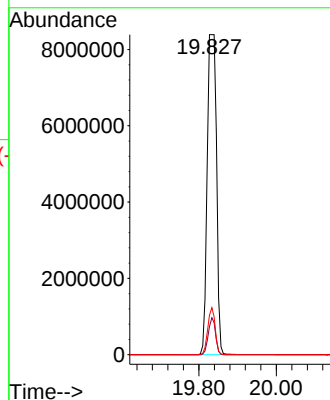
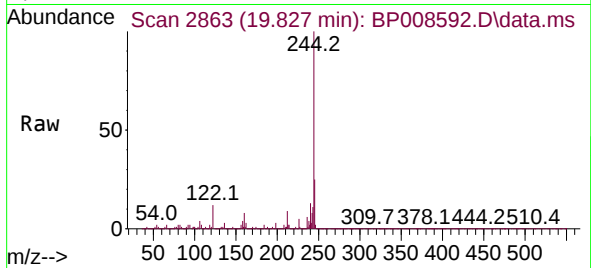




#79  
 Terphenyl-d14  
 Concen: 83.063 ng  
 RT: 19.827 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BP008592.D  
 Acq: 29 Dec 2021 10:14

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB141666BL

Tgt Ion:244 Resp:13966213  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 6.5 9.7  
 122 12.4 9.2 13.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.780 min Scan# 3535  
 Delta R.T. -0.006 min  
 Lab File: BP008592.D  
 Acq: 29 Dec 2021 10:14

Tgt Ion:264 Resp: 3398516  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.1 28.7  
 265 21.8 17.1 25.7

