

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121323\  
 Data File : BF136537.D  
 Acq On : 13 Dec 2023 14:41  
 Operator : CG\JU  
 Sample : 05574-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-WC04-01

Quant Time: Dec 13 15:28:33 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 06 09:40:27 2023  
 Response via : Initial Calibration

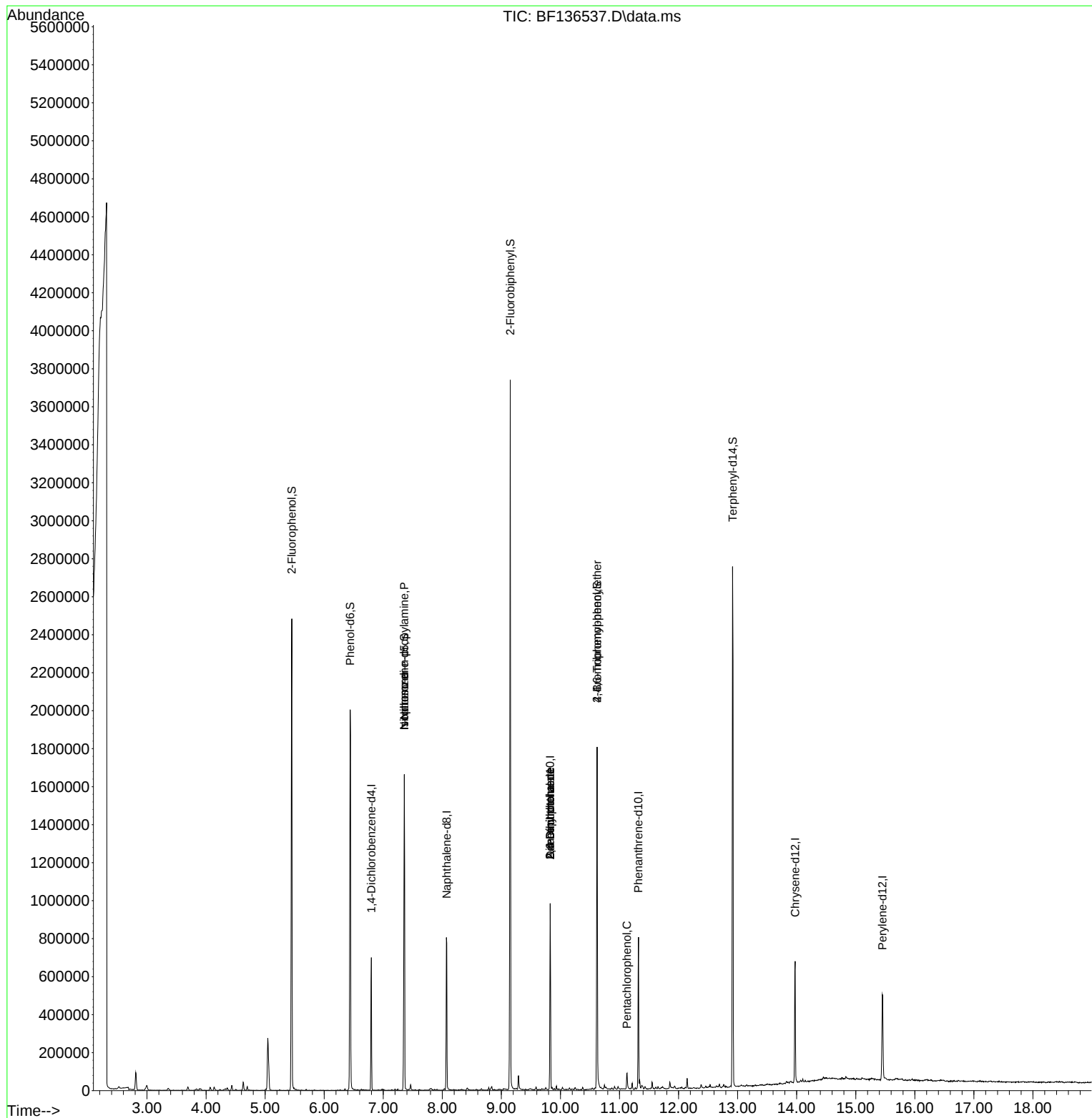
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-----------|-------|-----------|
| -----                         |        |      |          |           |       |           |
| Internal Standards            |        |      |          |           |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 6.798  | 152  | 100383   | 20.000    | ng    | 0.00      |
| 21) Naphthalene-d8            | 8.075  | 136  | 382137   | 20.000    | ng    | 0.00      |
| 39) Acenaphthene-d10          | 9.827  | 164  | 179977   | 20.000    | ng    | -0.01     |
| 64) Phenanthrene-d10          | 11.321 | 188  | 276676   | 20.000    | ng    | 0.00      |
| 76) Chrysene-d12              | 13.974 | 240  | 222026   | 20.000    | ng    | 0.00      |
| 86) Perylene-d12              | 15.451 | 264  | 229239   | 20.000    | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |           |       |           |
| 5) 2-Fluorophenol             | 5.451  | 112  | 727126   | 106.974   | ng    | 0.02      |
| 7) Phenol-d6                  | 6.439  | 99   | 816589   | 96.289    | ng    | 0.00      |
| 23) Nitrobenzene-d5           | 7.357  | 82   | 581842   | 82.312    | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol      | 10.621 | 330  | 231466   | 104.305   | ng    | -0.01     |
| 45) 2-Fluorobiphenyl          | 9.151  | 172  | 1131874  | 85.813    | ng    | -0.01     |
| 79) Terphenyl-d14             | 12.915 | 244  | 982731   | 58.339    | ng    | 0.00      |
| Target Compounds              |        |      |          |           |       |           |
| 9) Benzaldehyde               | 6.351  | 77   | 1655     | Below Cal |       | Qvalue 95 |
| 19) n-Nitroso-di-n-propyla... | 7.357  | 70   | 75308    | 15.394    | ng    | # 76      |
| 25) Isophorone                | 7.357  | 82   | 580942   | 45.745    | ng    | # 65      |
| 50) Dimethylphthalate         | 9.827  | 163  | 36232    | 2.734     | ng    | # 1       |
| 51) 2,6-Dinitrotoluene        | 9.827  | 165  | 22977    | 7.708     | ng    | # 29      |
| 57) 2,4-Dinitrotoluene        | 9.827  | 165  | 22977    | 5.827     | ng    | # 28      |
| 67) 4-Bromophenyl-phenylether | 10.621 | 248  | 14412    | 4.480     | ng    | # 1       |
| 70) Pentachlorophenol         | 11.127 | 266  | 7878     | 3.754     | ng    | 96        |
| -----                         |        |      |          |           |       |           |

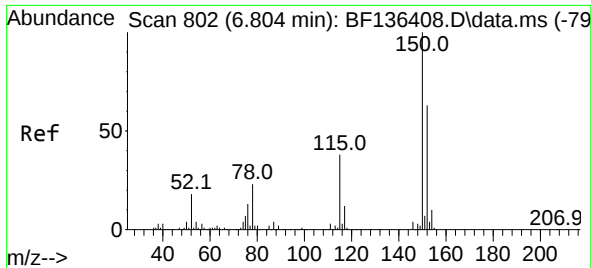
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 06 09:40:27 2023  
Response via : Initial Calibration

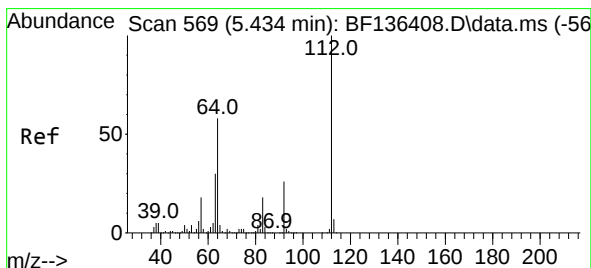
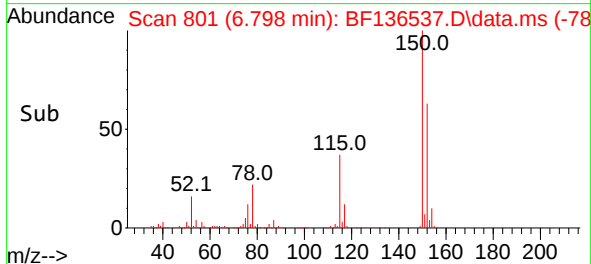
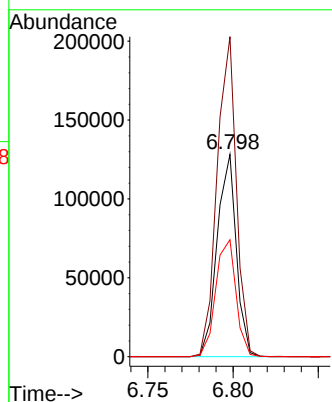
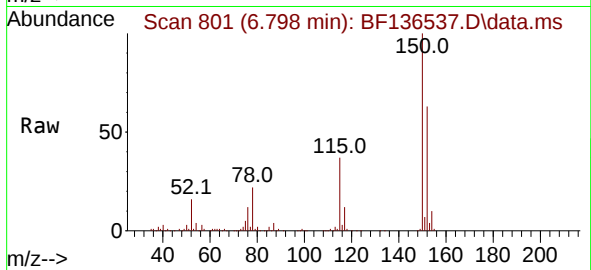




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

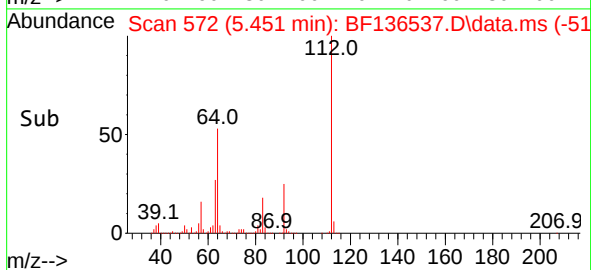
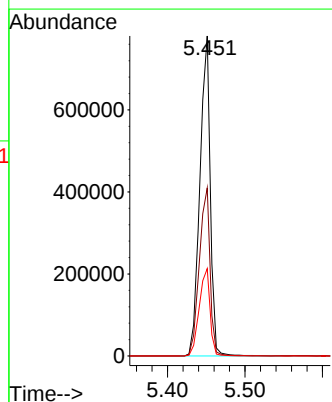
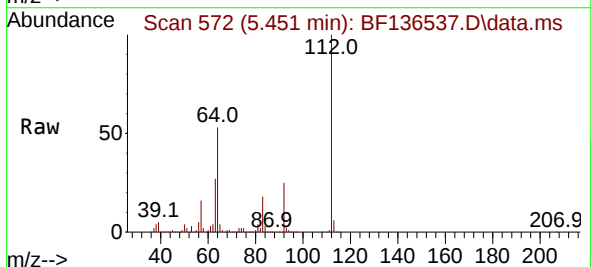
Instrument :  
BNA\_F  
ClientSampleId :  
P001-WC04-01

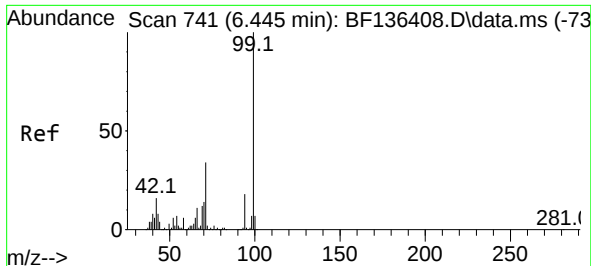
Tgt Ion:152 Resp: 100383  
Ion Ratio Lower Upper  
152 100  
150 158.2 126.4 189.6  
115 57.8 48.2 72.4



#5  
2-Fluorophenol  
Concen: 106.974 ng  
RT: 5.451 min Scan# 572  
Delta R.T. 0.018 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

Tgt Ion:112 Resp: 727126  
Ion Ratio Lower Upper  
112 100  
64 52.5 46.5 69.7  
63 27.3 23.9 35.9

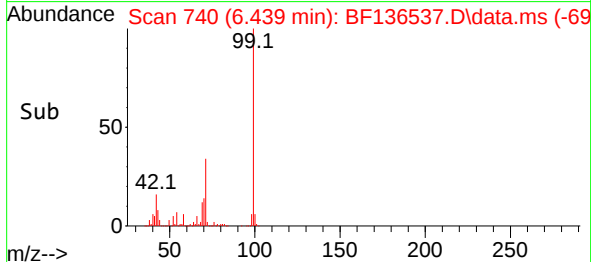
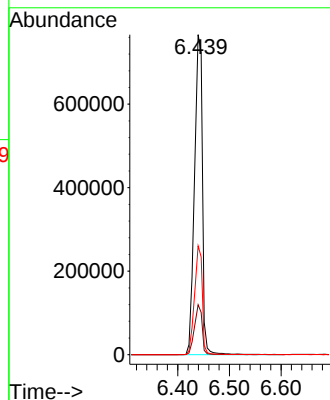
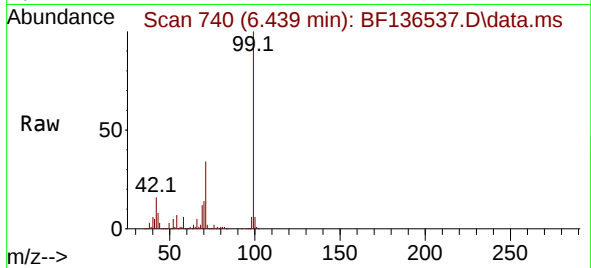




#7  
Phenol-d6  
Concen: 96.289 ng  
RT: 6.439 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

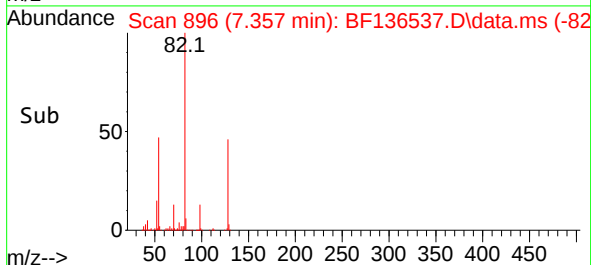
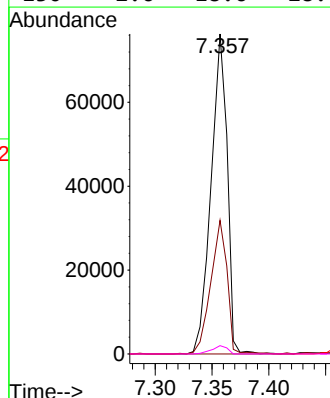
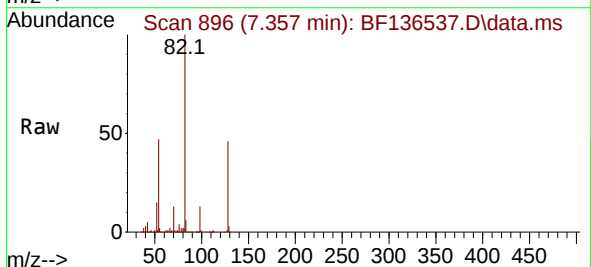
Instrument :  
BNA\_F  
ClientSampleId :  
P001-WC04-01

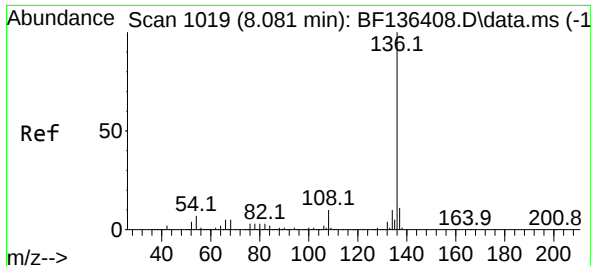
Tgt Ion: 99 Resp: 816589  
Ion Ratio Lower Upper  
99 100  
42 15.6 12.8 19.2  
71 34.0 27.0 40.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.394 ng  
RT: 7.357 min Scan# 896  
Delta R.T. 0.135 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

Tgt Ion: 70 Resp: 75308  
Ion Ratio Lower Upper  
70 100  
42 41.7 41.4 62.0  
101 0.0 8.2 12.4#  
130 2.6 18.6 28.0#



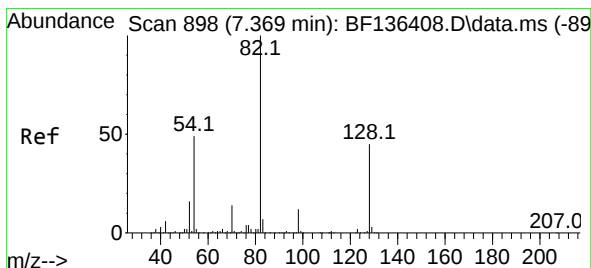
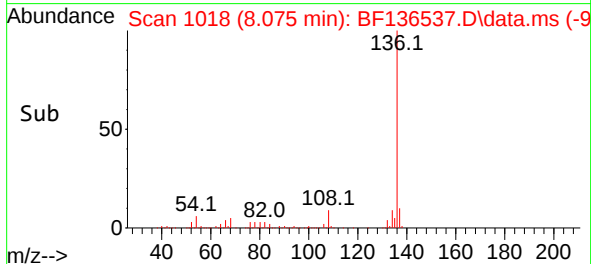
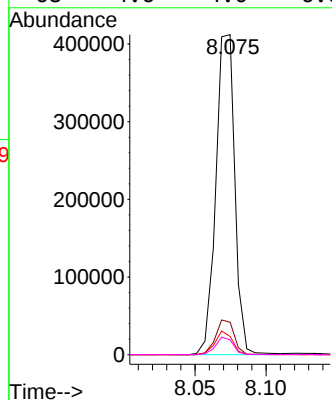
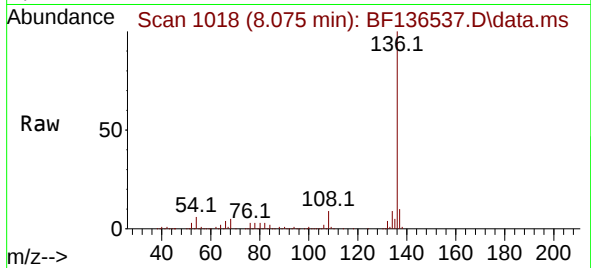


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

Instrument :  
BNA\_F  
ClientSampleId :  
P001-WC04-01

Tgt Ion:136 Resp: 382137

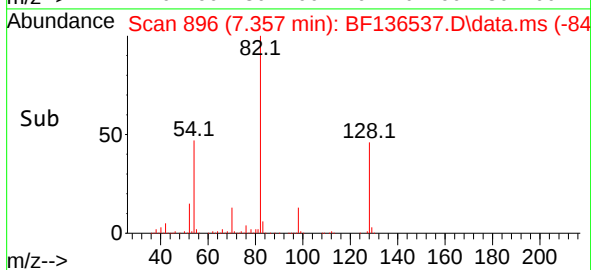
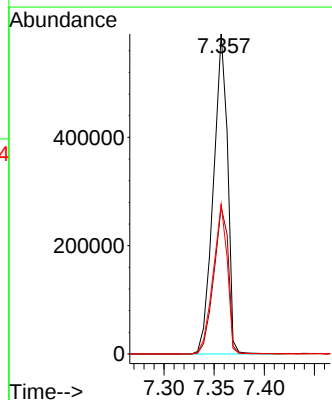
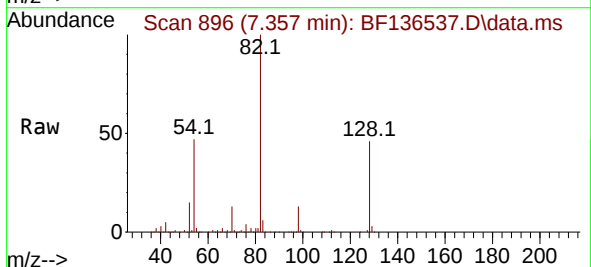
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.1  | 8.6   | 12.8  |
| 54  | 5.7   | 5.7   | 8.5   |
| 68  | 4.6   | 4.0   | 6.0   |

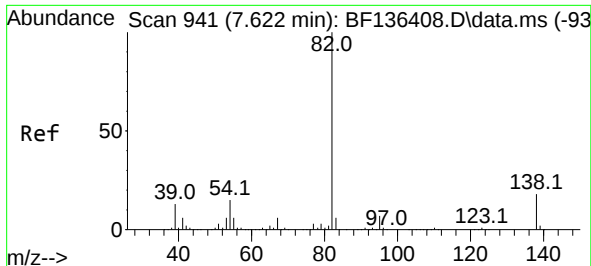


#23  
Nitrobenzene-d5  
Concen: 82.312 ng  
RT: 7.357 min Scan# 896  
Delta R.T. -0.012 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

Tgt Ion: 82 Resp: 581842

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.9  | 36.3  | 54.5  |
| 54  | 46.8  | 39.0  | 58.6  |

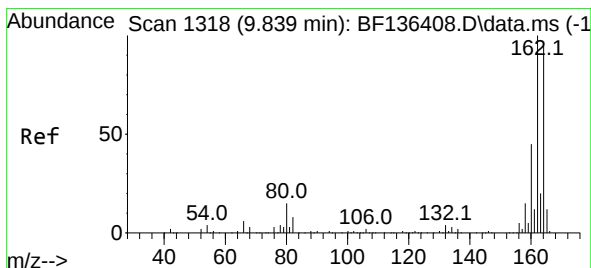
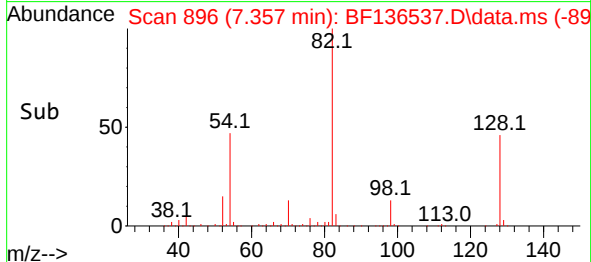
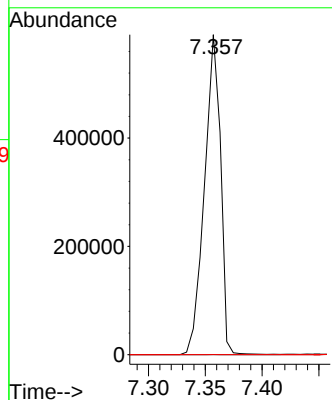
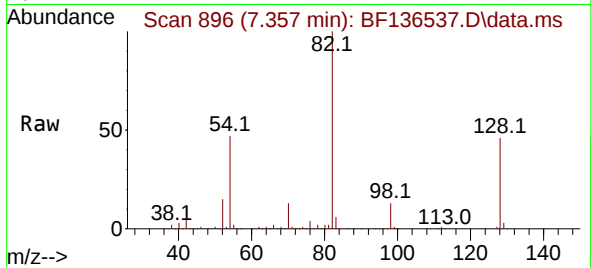




#25  
Isophorone  
Concen: 45.745 ng  
RT: 7.357 min Scan# 89  
Delta R.T. -0.265 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

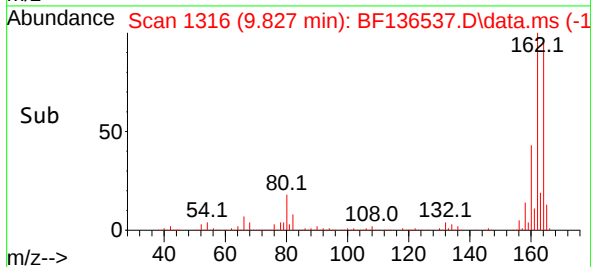
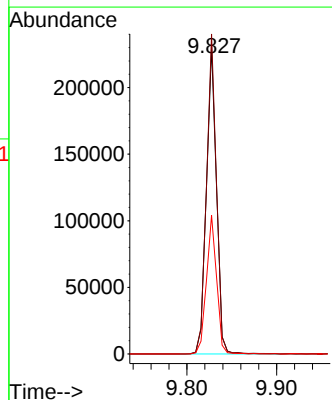
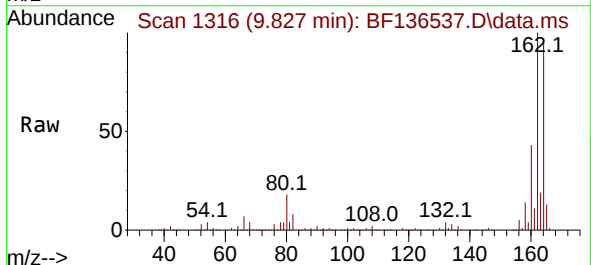
Instrument :  
BNA\_F  
ClientSampleId :  
P001-WC04-01

Tgt Ion: 82 Resp: 580942  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.827 min Scan# 1316  
Delta R.T. -0.012 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

Tgt Ion: 164 Resp: 179977  
Ion Ratio Lower Upper  
164 100  
162 104.3 84.4 126.6  
160 45.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 104.305 ng

RT: 10.621 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136537.D

Acq: 13 Dec 2023 14:41

Instrument :

BNA\_F

ClientSampleId :

P001-WC04-01

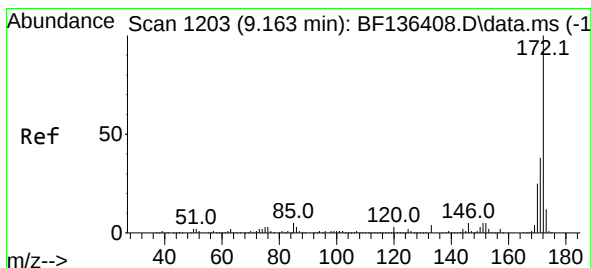
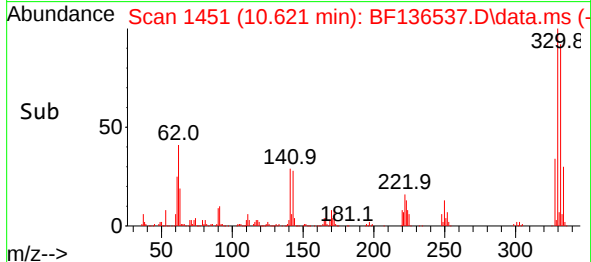
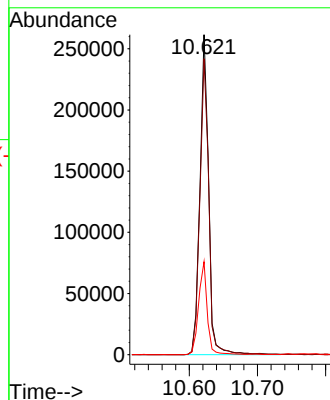
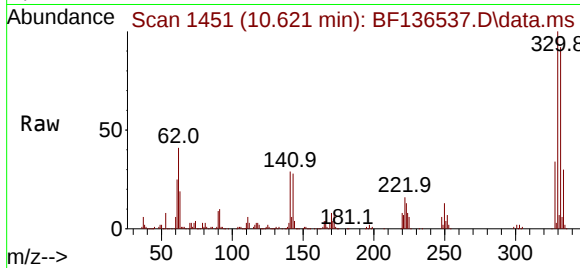
Tgt Ion:330 Resp: 231466

Ion Ratio Lower Upper

330 100

332 95.3 76.4 114.6

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 85.813 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136537.D

Acq: 13 Dec 2023 14:41

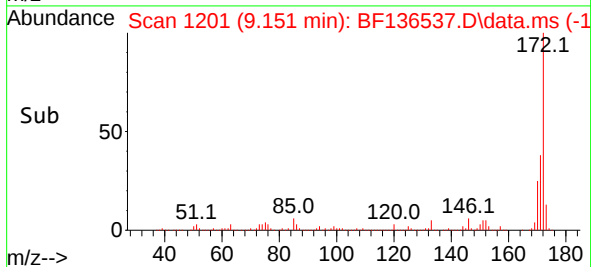
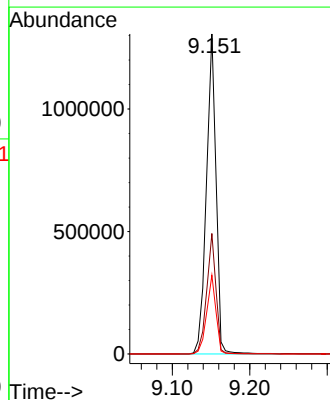
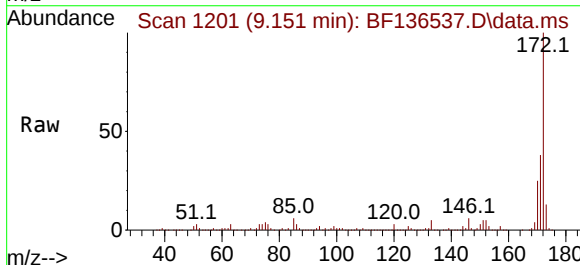
Tgt Ion:172 Resp: 1131874

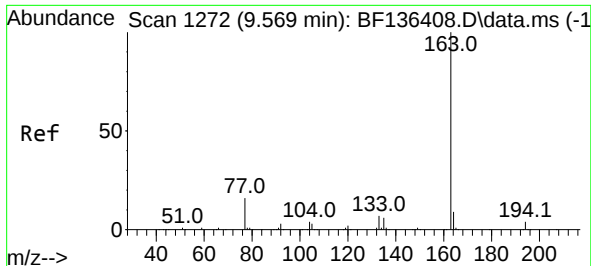
Ion Ratio Lower Upper

172 100

171 37.6 30.5 45.7

170 24.6 19.9 29.9

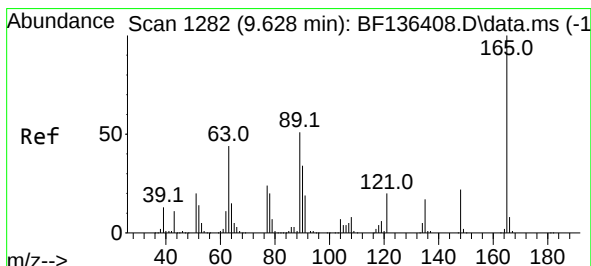
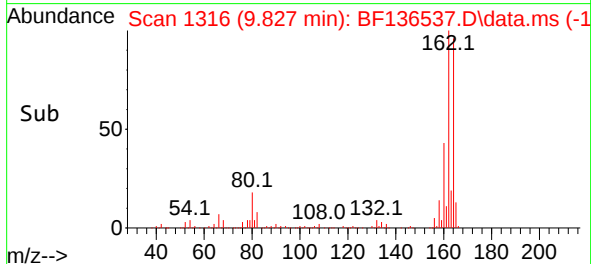
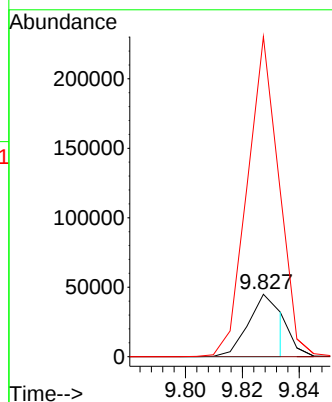
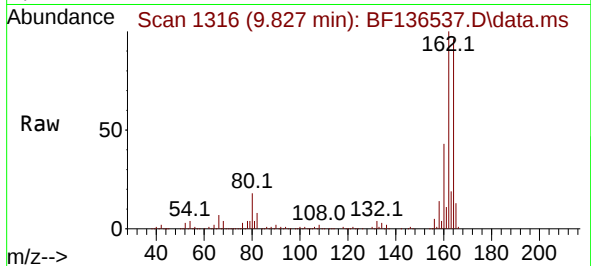




#50  
Dimethylphthalate  
Concen: 2.734 ng  
RT: 9.827 min Scan# 1316  
Delta R.T. 0.259 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

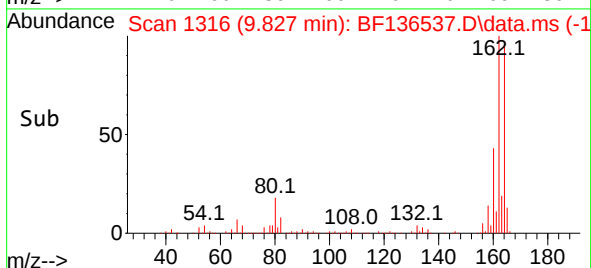
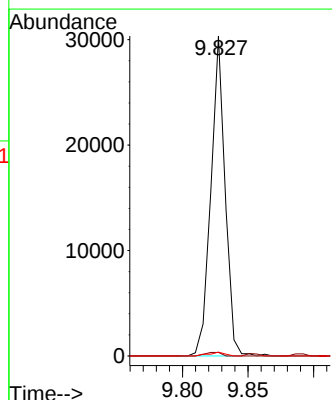
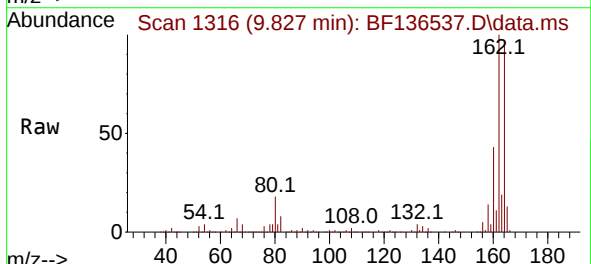
Instrument :  
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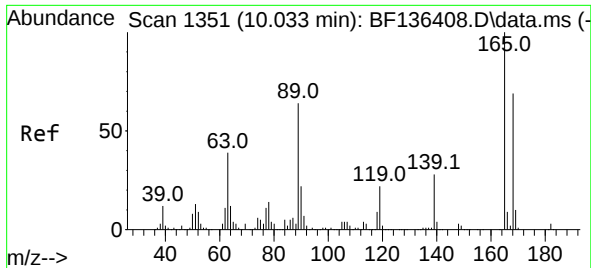
Tgt Ion:163 Resp: 36232  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.0 4.6#  
164 512.7 7.4 11.2#



#51  
2,6-Dinitrotoluene  
Concen: 7.708 ng  
RT: 9.827 min Scan# 1316  
Delta R.T. 0.200 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

Tgt Ion:165 Resp: 22977  
Ion Ratio Lower Upper  
165 100  
63 1.1 40.4 60.6#  
89 1.2 40.6 60.8#

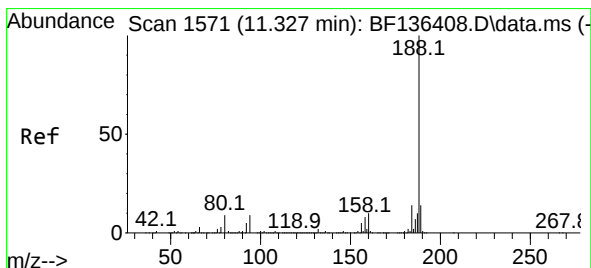
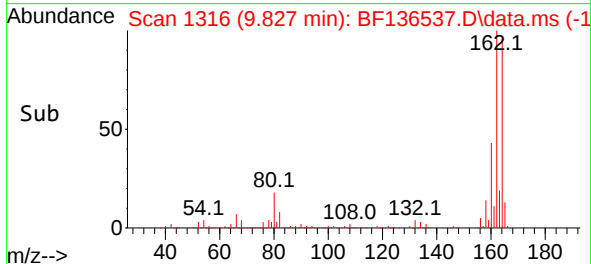
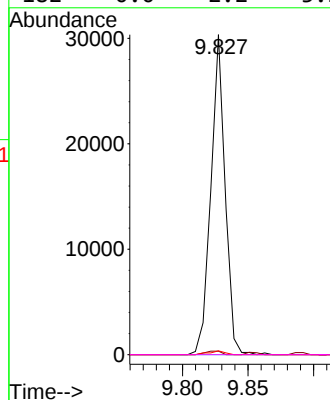
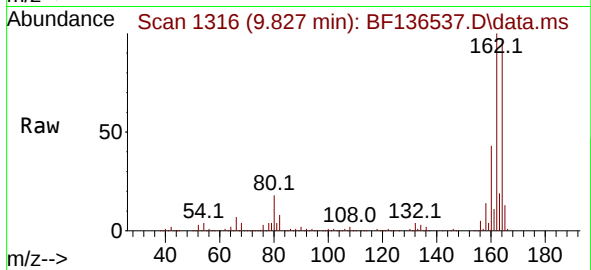




#57  
2,4-Dinitrotoluene  
Concen: 5.827 ng  
RT: 9.827 min Scan# 11  
Delta R.T. -0.206 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

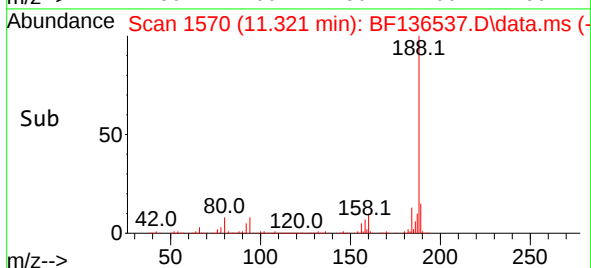
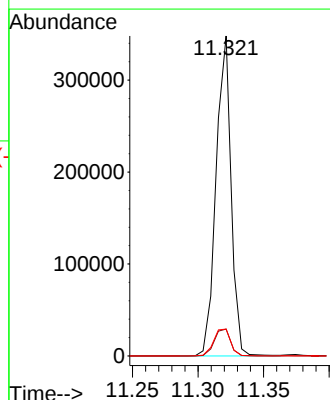
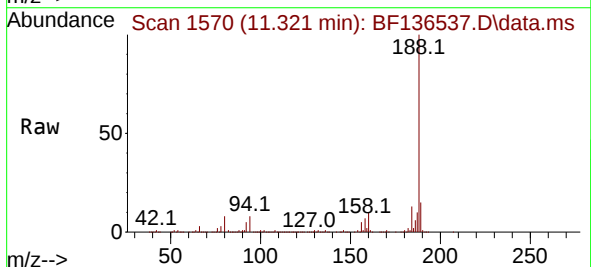
Instrument :  
BNA\_F  
ClientSampleId :  
P001-WC04-01

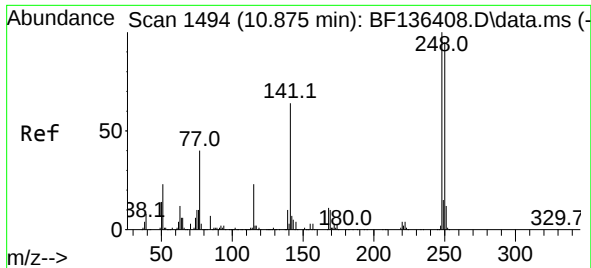
Tgt Ion:165 Resp: 22977  
Ion Ratio Lower Upper  
165 100  
63 1.1 31.4 47.2#  
89 1.2 51.7 77.5#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.321 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

Tgt Ion:188 Resp: 276676  
Ion Ratio Lower Upper  
188 100  
94 8.4 7.2 10.8  
80 8.4 7.2 10.8

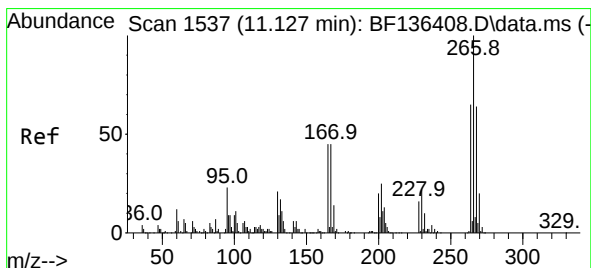
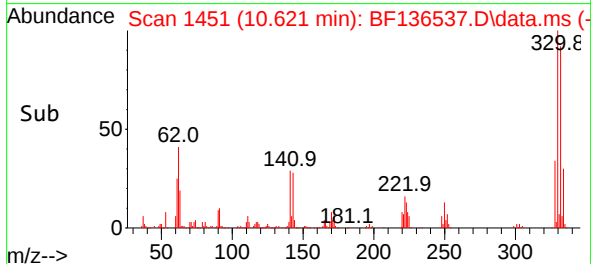
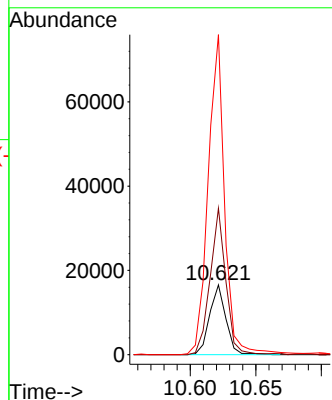
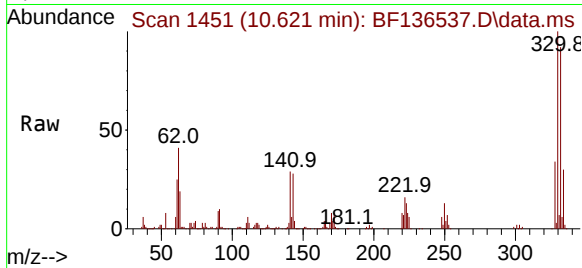




#67  
4-Bromophenyl-phenylether  
Concen: 4.480 ng  
RT: 10.621 min Scan# 1494  
Delta R.T. -0.253 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

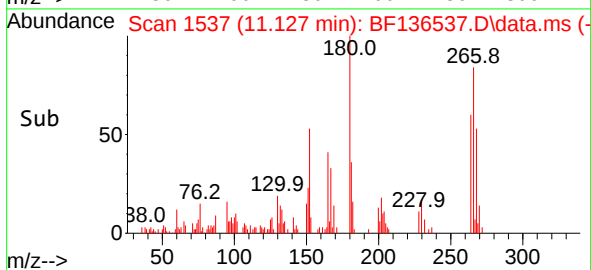
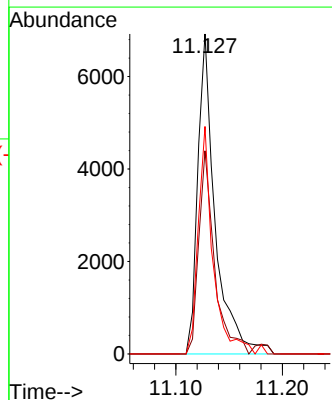
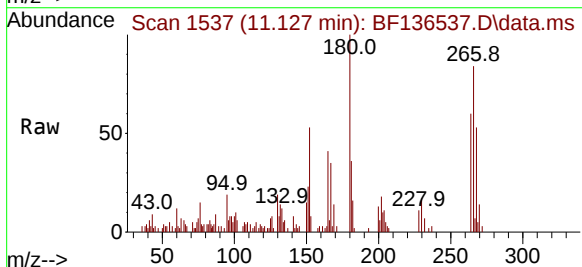
Instrument :  
BNA\_F  
ClientSampleId :  
P001-WC04-01

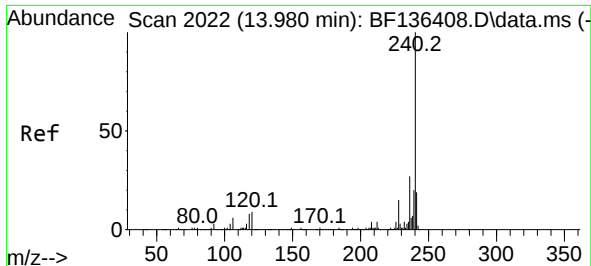
Tgt Ion:248 Resp: 14412  
Ion Ratio Lower Upper  
248 100  
250 210.1 76.2 114.2#  
141 459.1 51.0 76.4#



#70  
Pentachlorophenol  
Concen: 3.754 ng  
RT: 11.127 min Scan# 1537  
Delta R.T. -0.000 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

Tgt Ion:266 Resp: 7878  
Ion Ratio Lower Upper  
266 100  
268 63.5 51.0 76.6  
264 71.1 52.2 78.4

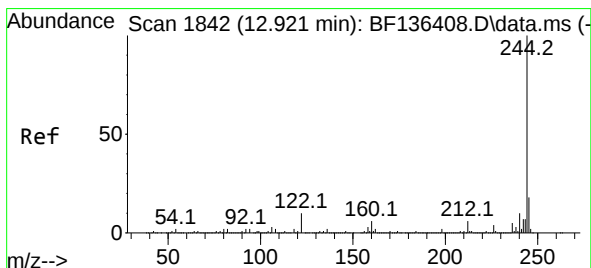
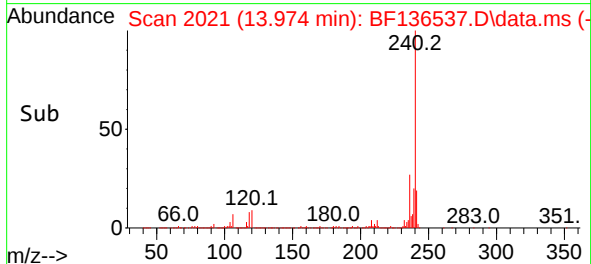
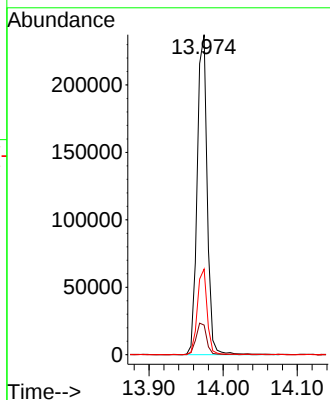
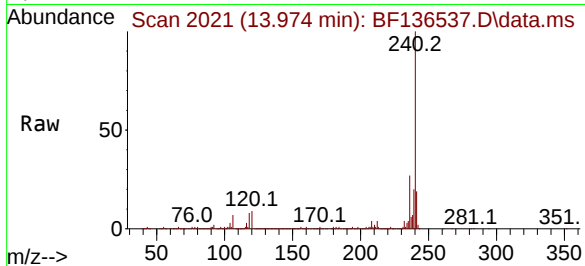




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

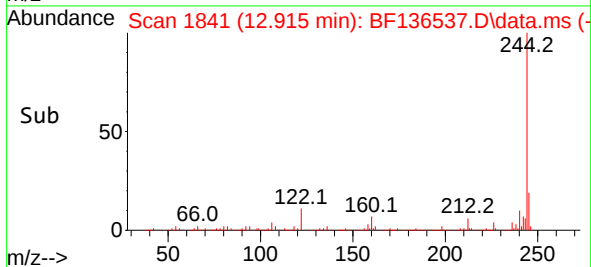
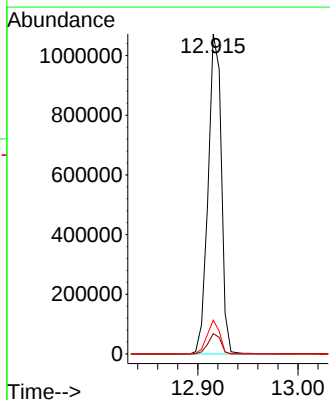
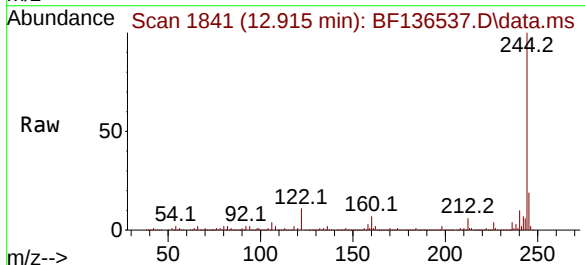
Instrument :  
BNA\_F  
ClientSampleId :  
P001-WC04-01

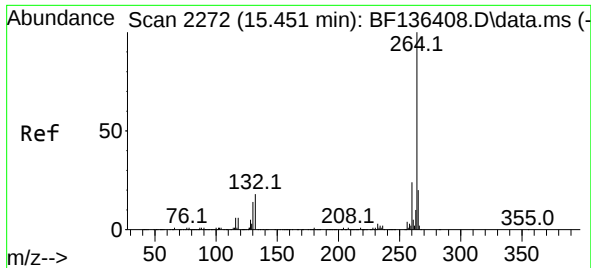
Tgt Ion:240 Resp: 222026  
Ion Ratio Lower Upper  
240 100  
120 9.3 7.3 10.9  
236 26.7 21.3 31.9



#79  
Terphenyl-d14  
Concen: 58.339 ng  
RT: 12.915 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: BF136537.D  
Acq: 13 Dec 2023 14:41

Tgt Ion:244 Resp: 982731  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.0 7.4  
122 10.5 8.3 12.5





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.451 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BF136537.D  
 Acq: 13 Dec 2023 14:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P001-WC04-01

Tgt Ion:264 Resp: 229239  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 19.2 28.8  
 265 20.8 15.9 23.9

