

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121922\  
 Data File : BG056014.D  
 Acq On : 19 Dec 2022 15:23  
 Operator : CG/JU  
 Sample : N6024-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-Q

Quant Time: Dec 19 16:53:33 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 19 16:52:36 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.370  | 152  | 10629    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.202 | 136  | 39971    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.975 | 164  | 33972    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.712 | 188  | 90036    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 22.019 | 240  | 93549    | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 25.509 | 264  | 113250   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.885  | 112  | 51745    | 114.170 | ng    | 0.00     |
| 7) Phenol-d6                | 7.495  | 99   | 64567    | 110.766 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.540  | 82   | 42022    | 73.468  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.449 | 330  | 93220    | 113.799 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.606 | 172  | 155626   | 64.248  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.286 | 244  | 353635   | 66.811  | ng    | 0.00     |

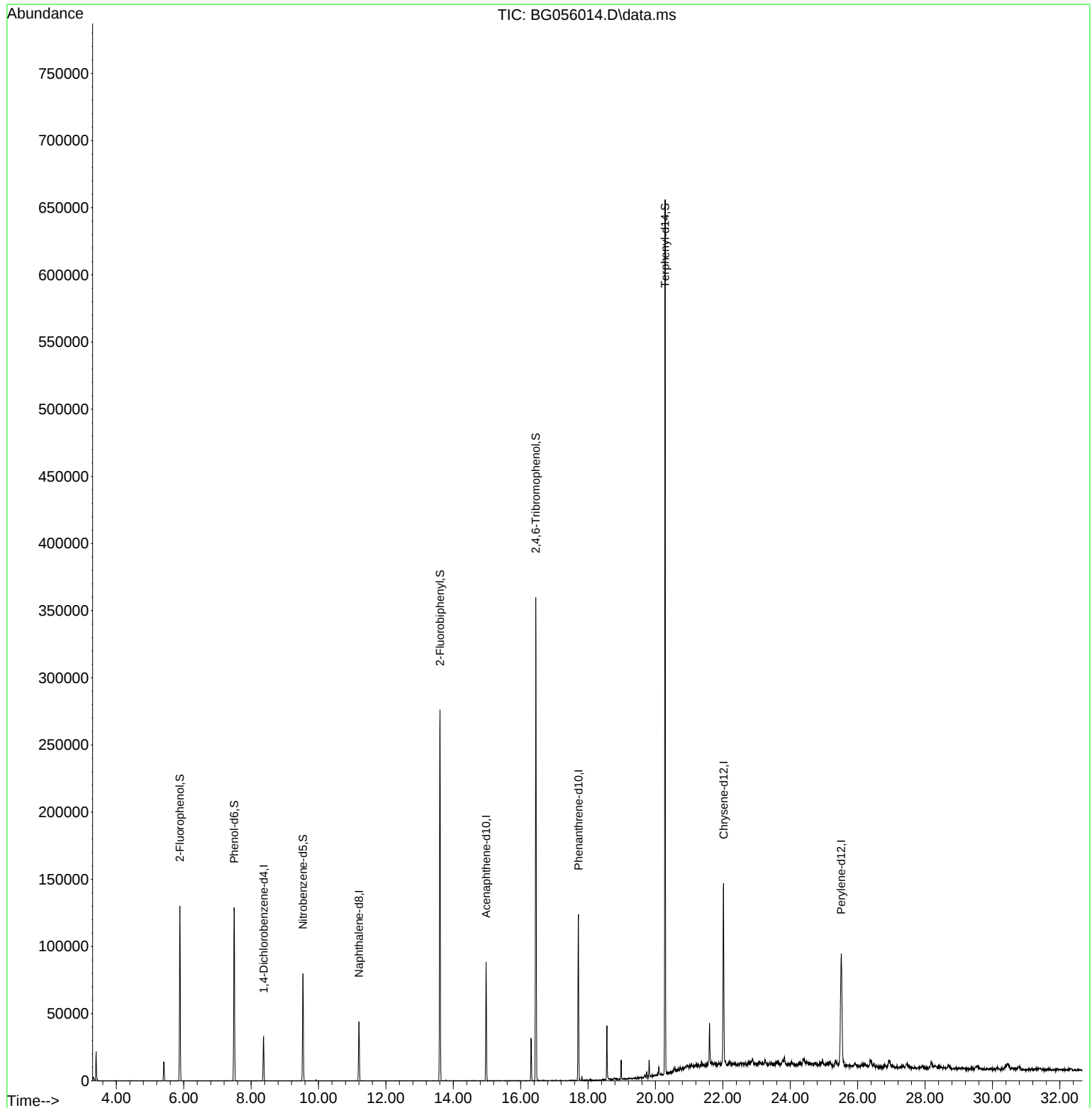
Target Compounds Qvalue

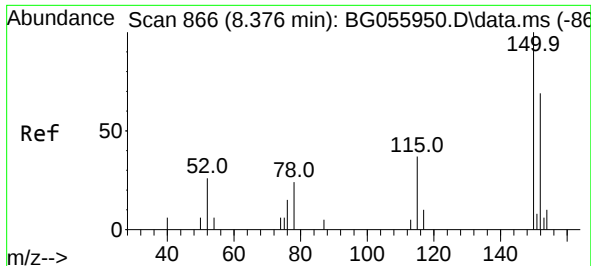
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

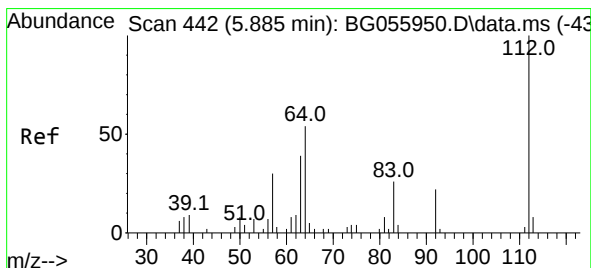
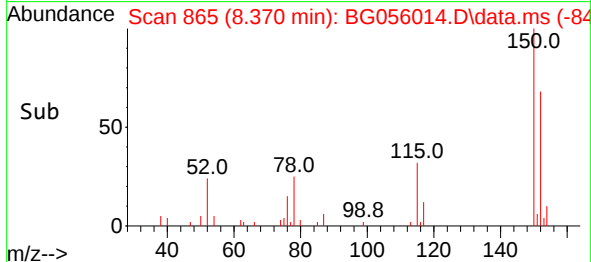
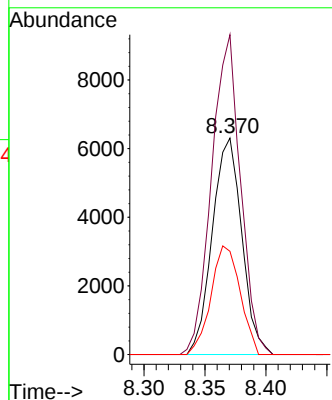
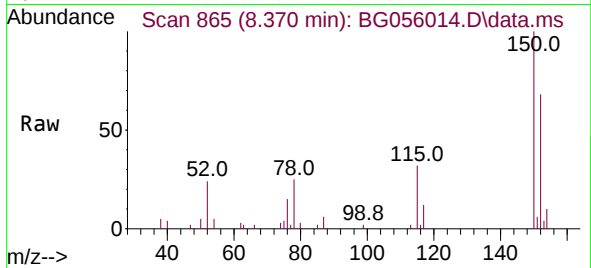




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.370 min Scan# 866  
Delta R.T. 0.006 min  
Lab File: BG056014.D  
Acq: 19 Dec 2022 15:23

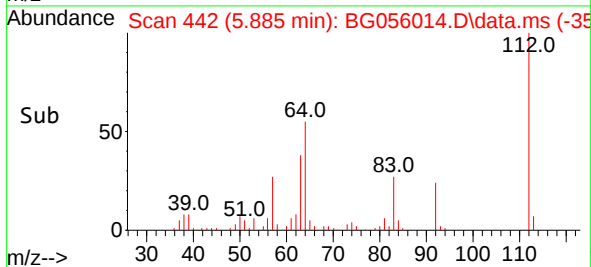
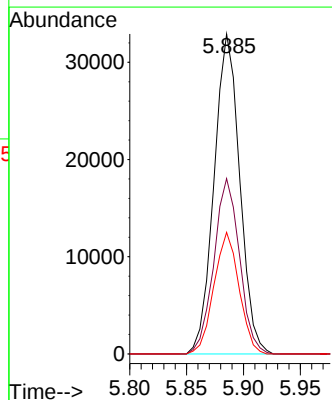
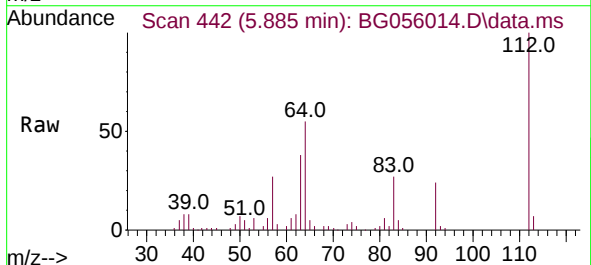
Instrument :  
BNA\_G  
ClientSampleId :  
TP-Q

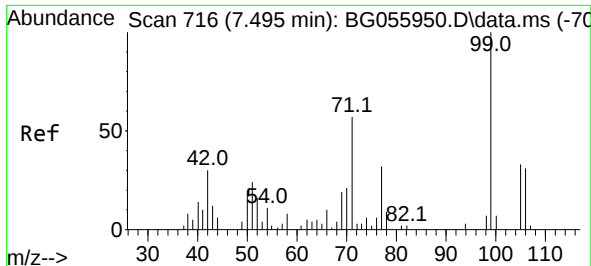
Tgt Ion:152 Resp: 10629  
Ion Ratio Lower Upper  
152 100  
150 147.7 115.7 173.5  
115 47.7 43.0 64.4



#5  
2-Fluorophenol  
Concen: 114.170 ng  
RT: 5.885 min Scan# 442  
Delta R.T. 0.001 min  
Lab File: BG056014.D  
Acq: 19 Dec 2022 15:23

Tgt Ion:112 Resp: 51745  
Ion Ratio Lower Upper  
112 100  
64 54.8 43.0 64.4  
63 38.0 31.4 47.2

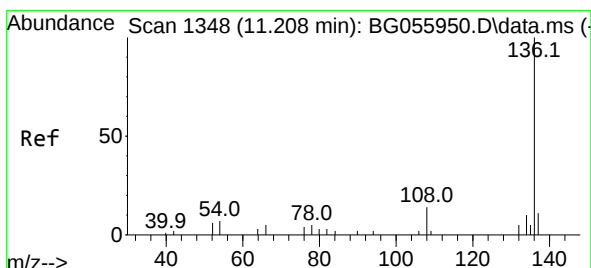
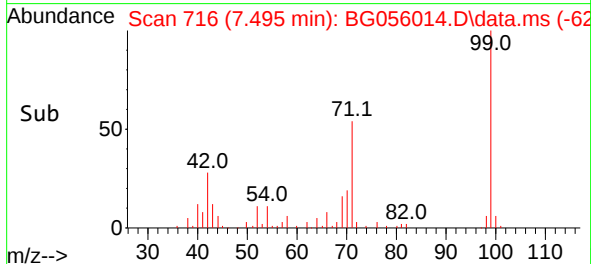
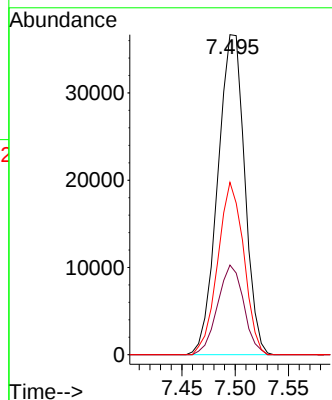
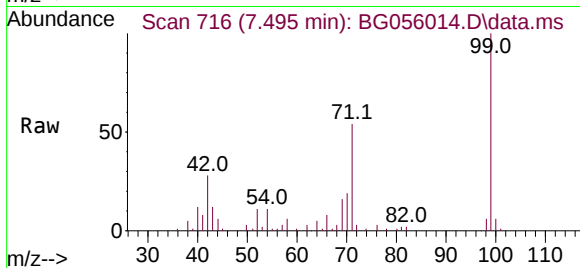




#7  
Phenol-d6  
Concen: 110.766 ng  
RT: 7.495 min Scan# 716  
Delta R.T. 0.001 min  
Lab File: BG056014.D  
Acq: 19 Dec 2022 15:23

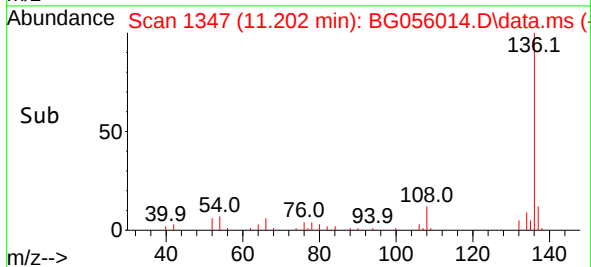
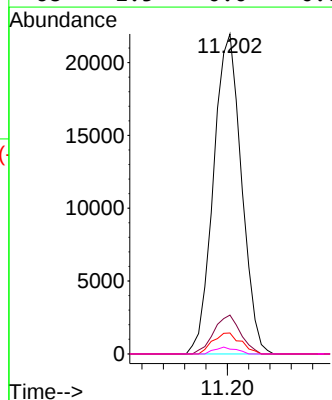
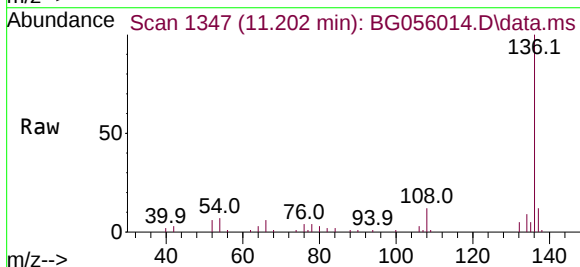
Instrument :  
BNA\_G  
ClientSampleId :  
TP-Q

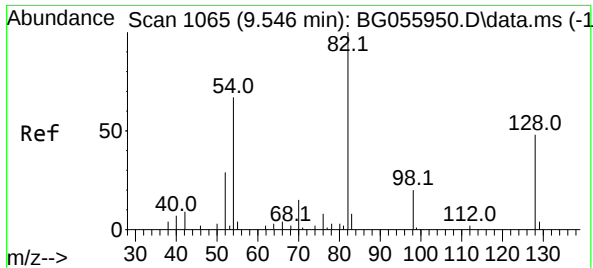
Tgt Ion: 99 Resp: 64567  
Ion Ratio Lower Upper  
99 100  
42 28.0 24.3 36.5  
71 53.8 45.6 68.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.202 min Scan# 1347  
Delta R.T. -0.005 min  
Lab File: BG056014.D  
Acq: 19 Dec 2022 15:23

Tgt Ion:136 Resp: 39971  
Ion Ratio Lower Upper  
136 100  
137 12.1 9.2 13.8  
54 6.5 5.6 8.4  
68 1.5 0.0 0.0

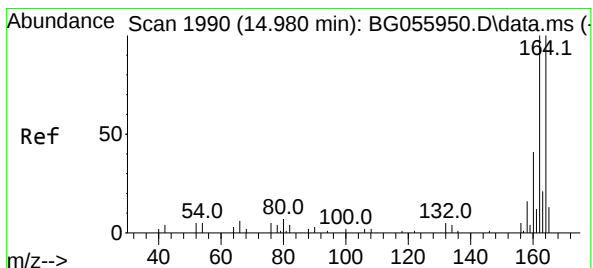
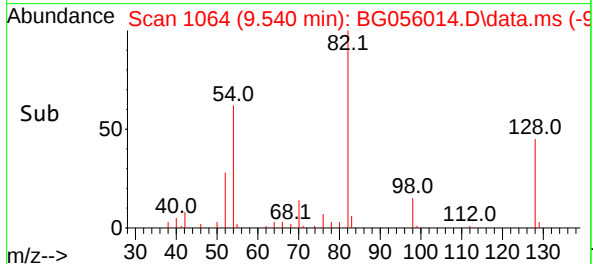
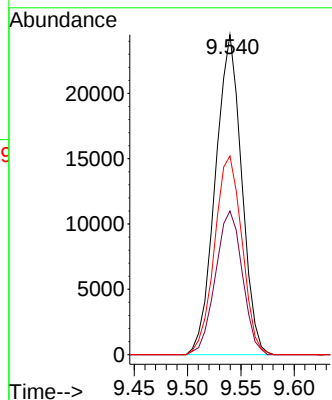
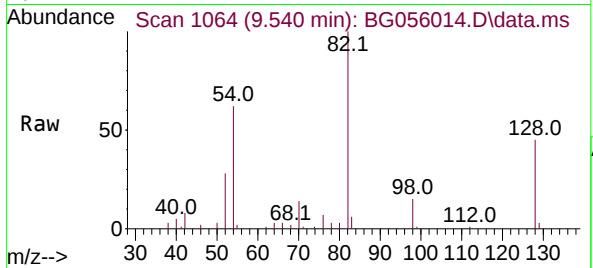




#23  
Nitrobenzene-d5  
Concen: 73.468 ng  
RT: 9.540 min Scan# 1065  
Delta R.T. -0.005 min  
Lab File: BG056014.D  
Acq: 19 Dec 2022 15:23

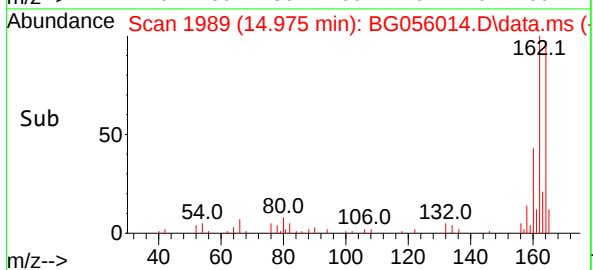
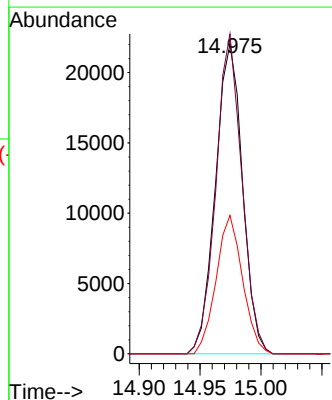
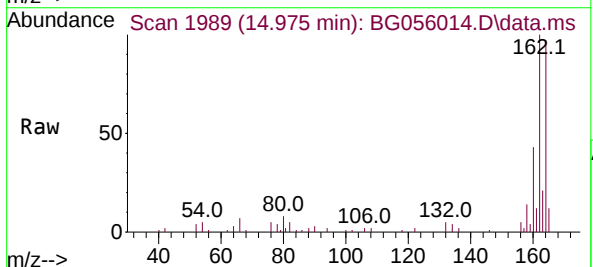
Instrument :  
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ClientSampleId :  
TP-Q

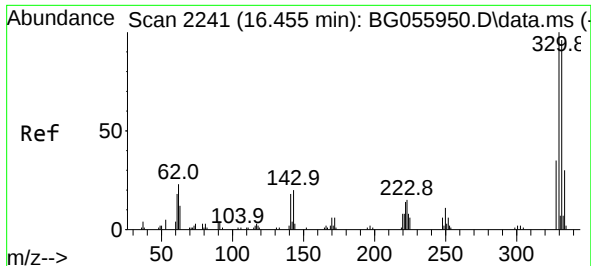
Tgt Ion: 82 Resp: 42022  
Ion Ratio Lower Upper  
82 100  
128 44.9 38.4 57.6  
54 62.1 53.3 79.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.975 min Scan# 1989  
Delta R.T. -0.005 min  
Lab File: BG056014.D  
Acq: 19 Dec 2022 15:23

Tgt Ion:164 Resp: 33972  
Ion Ratio Lower Upper  
164 100  
162 103.3 79.8 119.8  
160 44.7 33.0 49.4

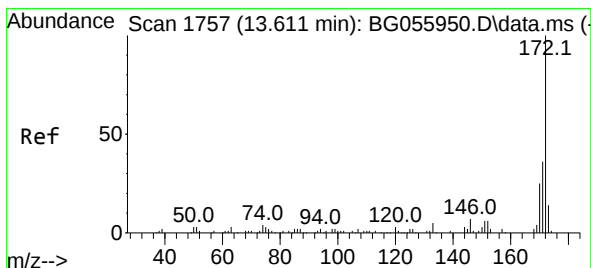
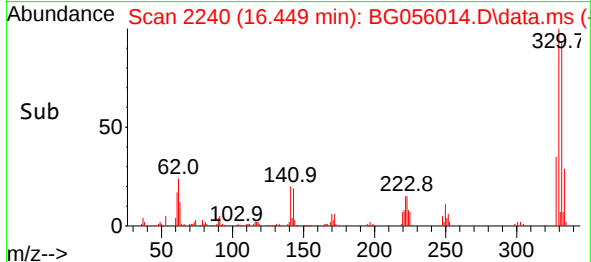
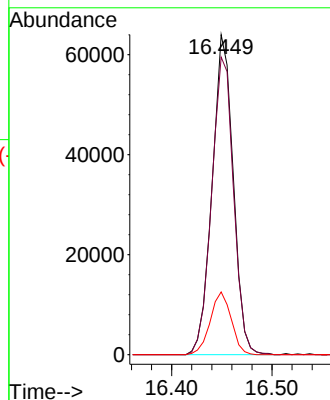
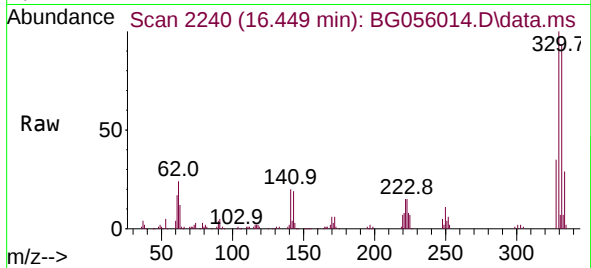




#42  
2,4,6-Tribromophenol  
Concen: 113.799 ng  
RT: 16.449 min Scan# 21  
Delta R.T. -0.011 min  
Lab File: BG056014.D  
Acq: 19 Dec 2022 15:23

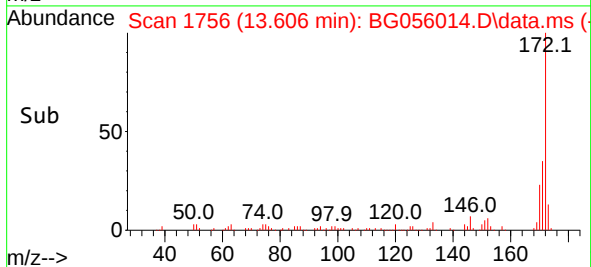
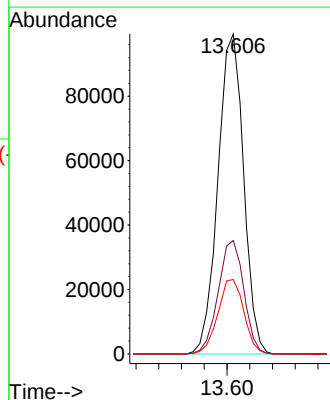
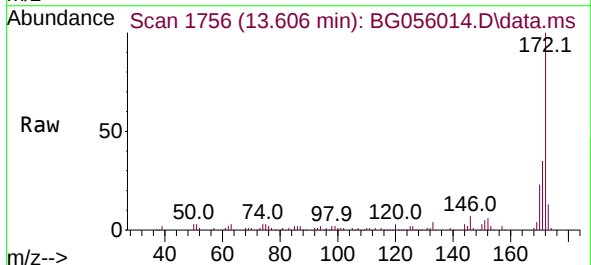
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ClientSampleId :  
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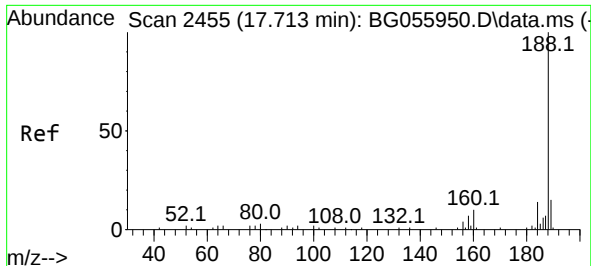
Tgt Ion:330 Resp: 93220  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.6 114.8  
141 19.5 15.0 22.4



#45  
2-Fluorobiphenyl  
Concen: 64.248 ng  
RT: 13.606 min Scan# 1756  
Delta R.T. -0.005 min  
Lab File: BG056014.D  
Acq: 19 Dec 2022 15:23

Tgt Ion:172 Resp: 155626  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.6 42.8  
170 23.2 19.9 29.9

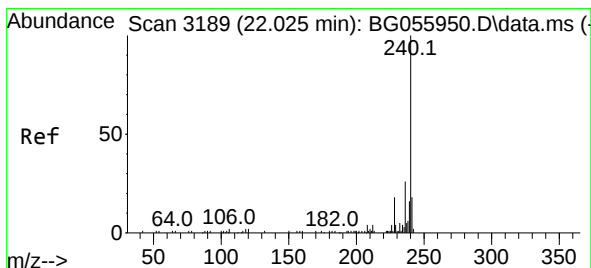
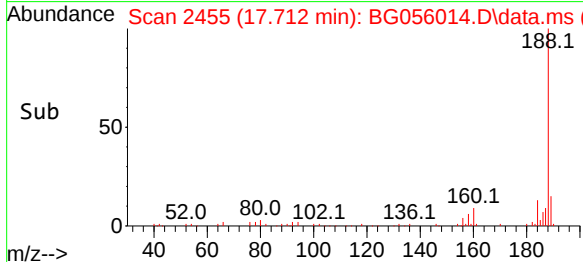
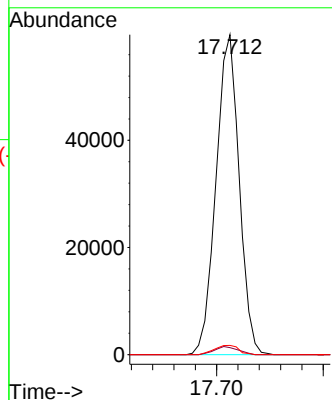
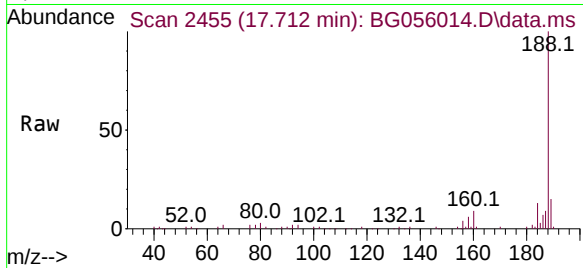




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.712 min Scan# 2455  
Delta R.T. -0.005 min  
Lab File: BG056014.D  
Acq: 19 Dec 2022 15:23

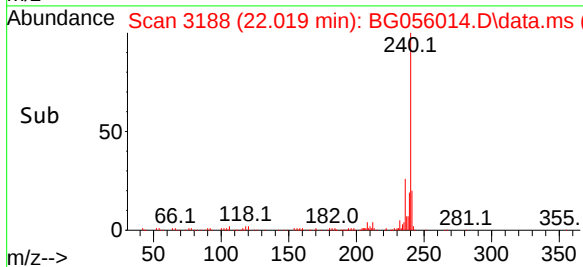
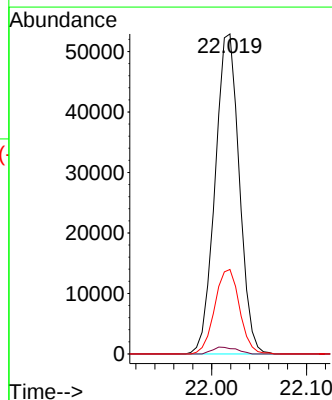
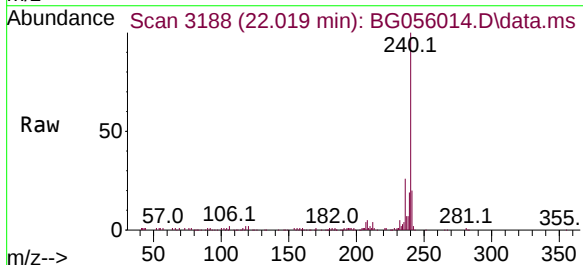
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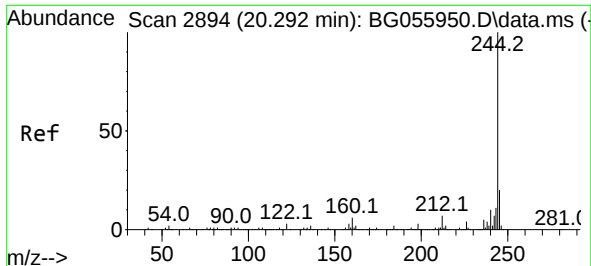
Tgt Ion:188 Resp: 90036  
Ion Ratio Lower Upper  
188 100  
94 2.2 1.8 2.8  
80 2.9 2.4 3.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.019 min Scan# 3188  
Delta R.T. -0.011 min  
Lab File: BG056014.D  
Acq: 19 Dec 2022 15:23

Tgt Ion:240 Resp: 93549  
Ion Ratio Lower Upper  
240 100  
120 1.6 1.7 2.5#  
236 26.4 21.1 31.7

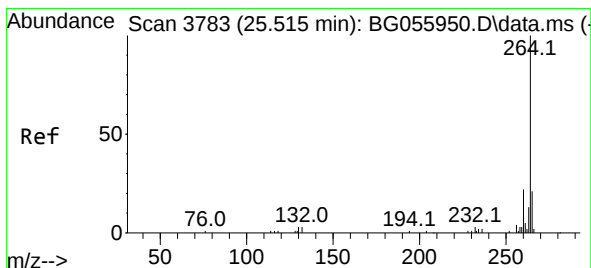
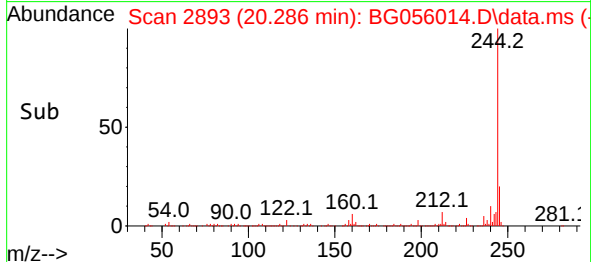
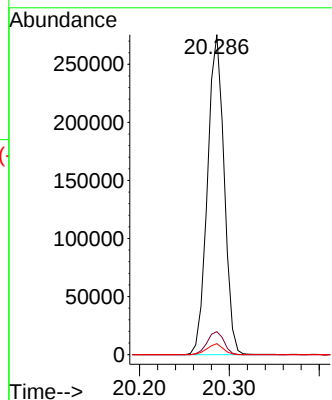
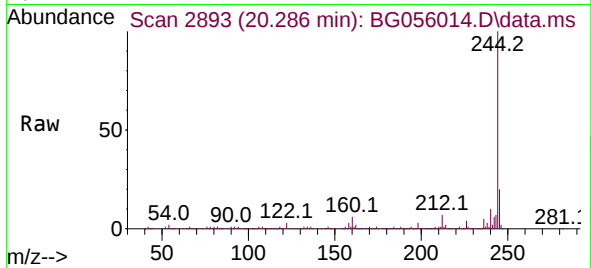




#79  
 Terphenyl-d14  
 Concen: 66.811 ng  
 RT: 20.286 min Scan# 2894  
 Delta R.T. -0.005 min  
 Lab File: BG056014.D  
 Acq: 19 Dec 2022 15:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-Q

Tgt Ion:244 Resp: 353635  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 3.4 2.5 3.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.509 min Scan# 3782  
 Delta R.T. -0.017 min  
 Lab File: BG056014.D  
 Acq: 19 Dec 2022 15:23

Tgt Ion:264 Resp: 113250  
 Ion Ratio Lower Upper  
 264 100  
 260 22.3 17.8 26.8  
 265 21.1 16.6 25.0

