

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121222\  
 Data File : BF131600.D  
 Acq On : 12 Dec 2022 19:12  
 Operator : CG\JU  
 Sample : N5977-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-SAMPLE-TANK-6-7-8-9-16

Quant Time: Dec 13 04:17:14 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 13 04:12:13 2022  
 Response via : Initial Calibration

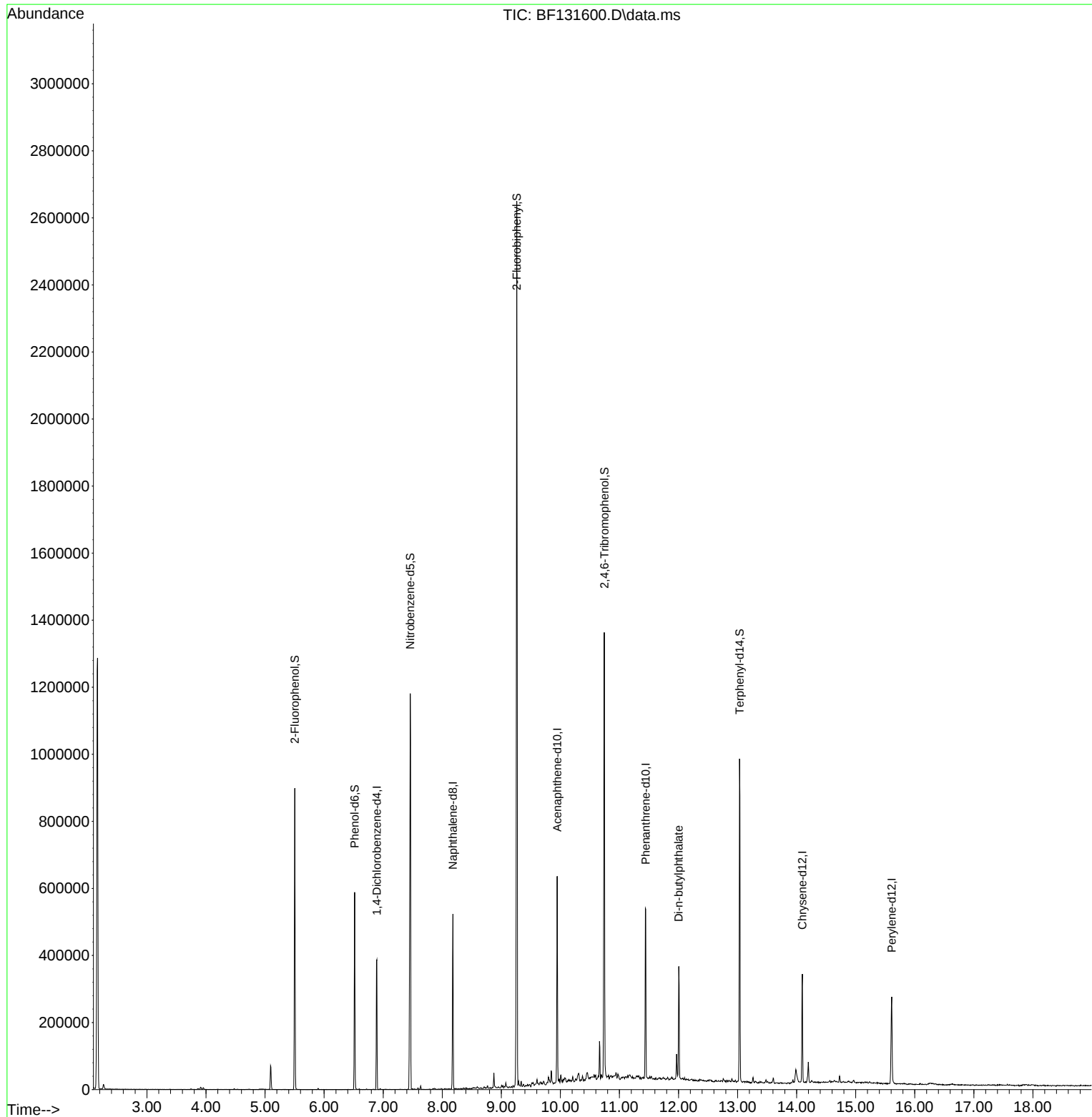
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.892  | 152  | 56419    | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.181  | 136  | 195947   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.945  | 164  | 108356   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.445 | 188  | 189616   | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.098 | 240  | 104904   | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 15.609 | 264  | 119497   | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.504  | 112  | 190685   | 56.385  | ng    | 0.00      |
| 7) Phenol-d6                | 6.516  | 99   | 148457   | 33.499  | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 440075   | 84.910  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.745 | 330  | 160415   | 133.250 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.263  | 172  | 741561   | 86.291  | ng    | 0.00      |
| 79) Terphenyl-d14           | 13.033 | 244  | 326284   | 42.655  | ng    | -0.01     |
| Target Compounds            |        |      |          |         |       |           |
| 74) Di-n-butylphthalate     | 12.004 | 149  | 147249   | 14.300  | ng    | Qvalue 99 |
| -----                       |        |      |          |         |       |           |

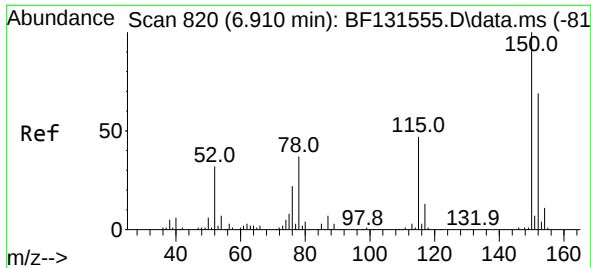
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121222\  
Data File : BF131600.D  
Acq On : 12 Dec 2022 19:12  
Operator : CG\JU  
Sample : N5977-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-SAMPLE-TANK-6-7-8-9-16

Quant Time: Dec 13 04:17:14 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 13 04:12:13 2022  
Response via : Initial Calibration

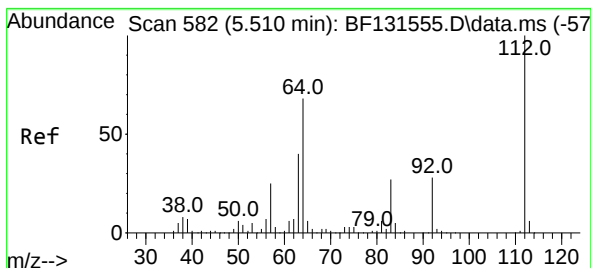
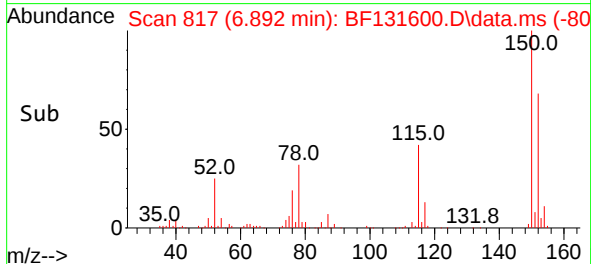
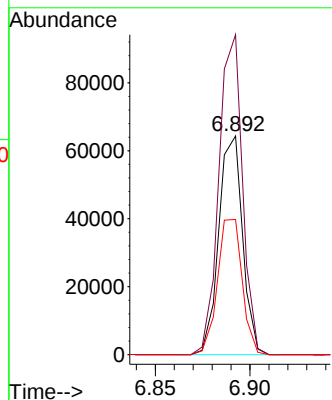
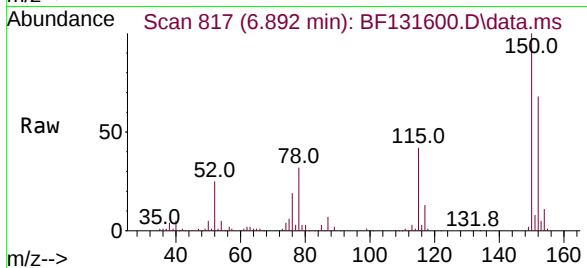




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.892 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BF131600.D  
 Acq: 12 Dec 2022 19:12

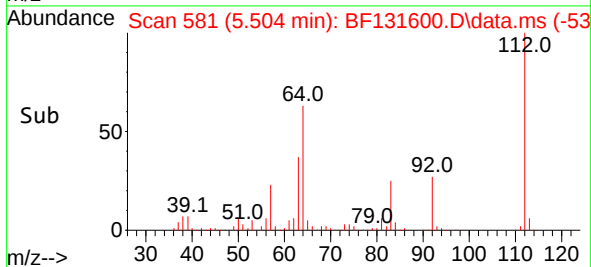
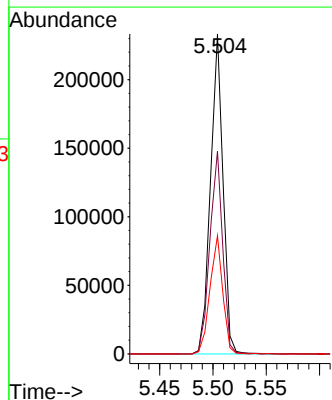
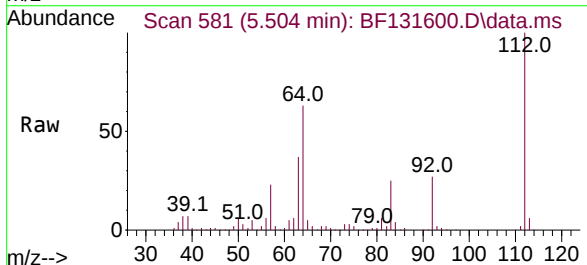
Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-SAMPLE-TANK-6-7-8-9-16

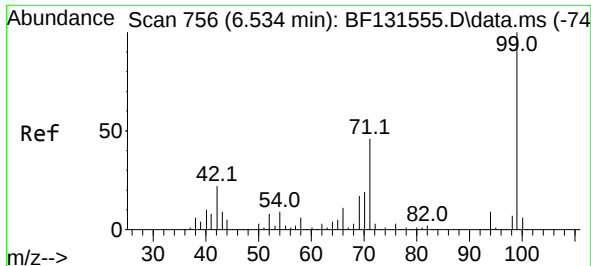
Tgt Ion:152 Resp: 56419  
 Ion Ratio Lower Upper  
 152 100  
 150 146.4 116.7 175.1  
 115 61.8 54.6 82.0



#5  
 2-Fluorophenol  
 Concen: 56.385 ng  
 RT: 5.504 min Scan# 581  
 Delta R.T. -0.006 min  
 Lab File: BF131600.D  
 Acq: 12 Dec 2022 19:12

Tgt Ion:112 Resp: 190685  
 Ion Ratio Lower Upper  
 112 100  
 64 63.4 54.5 81.7  
 63 36.9 31.9 47.9

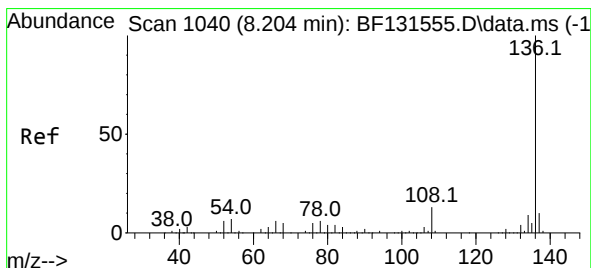
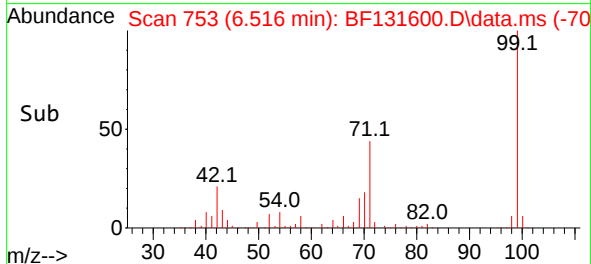
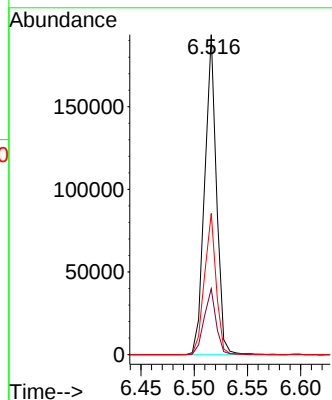
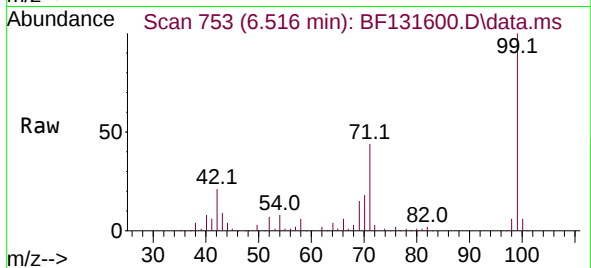




#7  
Phenol-d6  
Concen: 33.499 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF131600.D  
Acq: 12 Dec 2022 19:12

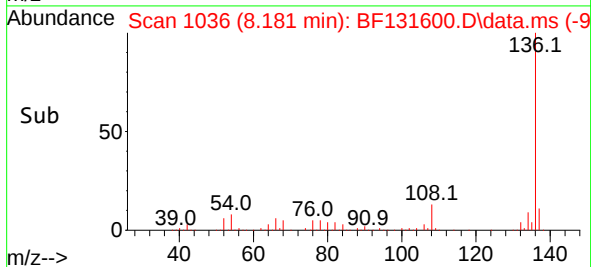
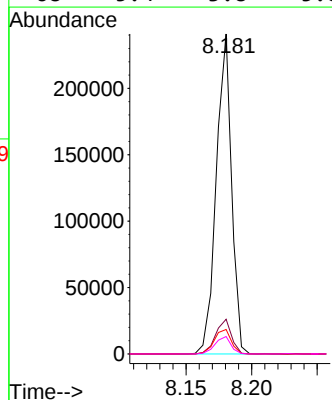
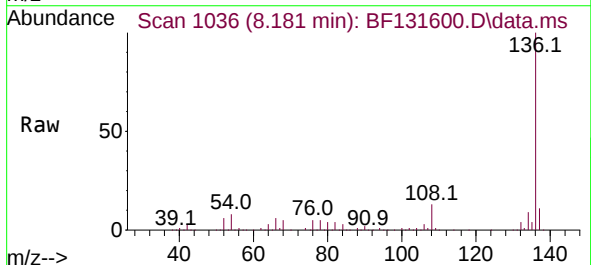
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-SAMPLE-TANK-6-7-8-9-16

Tgt Ion: 99 Resp: 148457  
Ion Ratio Lower Upper  
99 100  
42 20.6 17.9 26.9  
71 44.1 37.2 55.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: BF131600.D  
Acq: 12 Dec 2022 19:12

Tgt Ion: 136 Resp: 195947  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.1 12.1  
54 7.6 6.0 9.0  
68 5.4 3.8 5.8

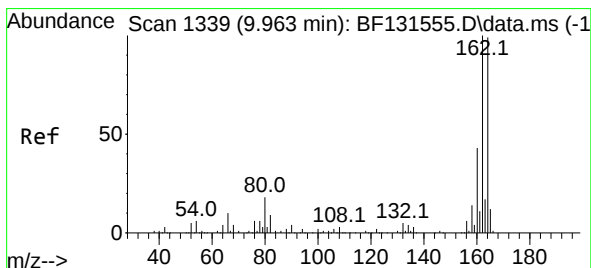
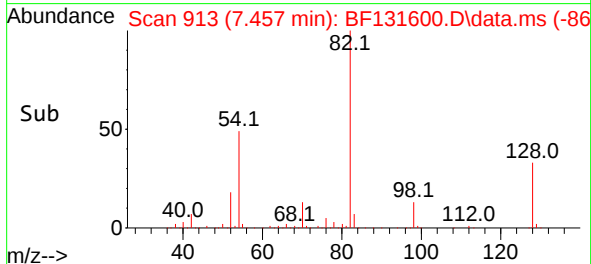
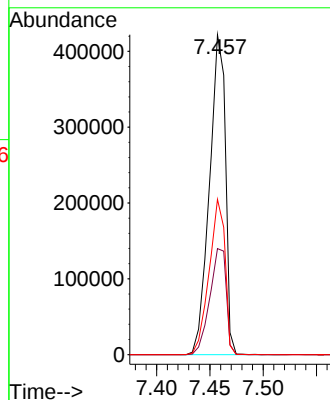
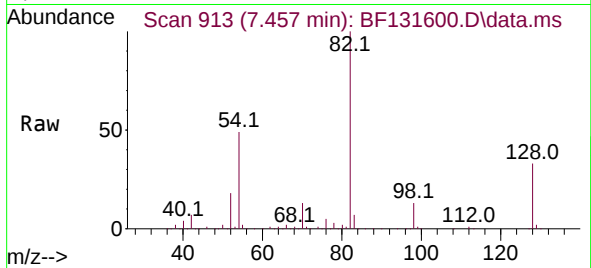




#23  
Nitrobenzene-d5  
Concen: 84.910 ng  
RT: 7.457 min Scan# 917  
Delta R.T. -0.012 min  
Lab File: BF131600.D  
Acq: 12 Dec 2022 19:12

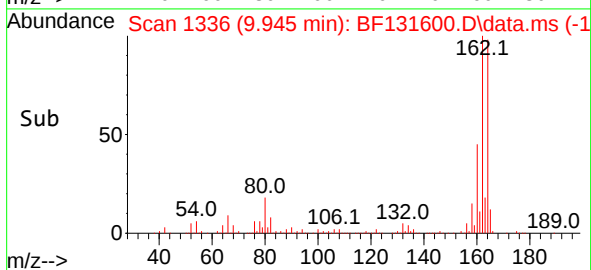
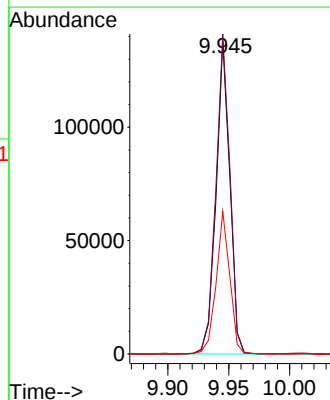
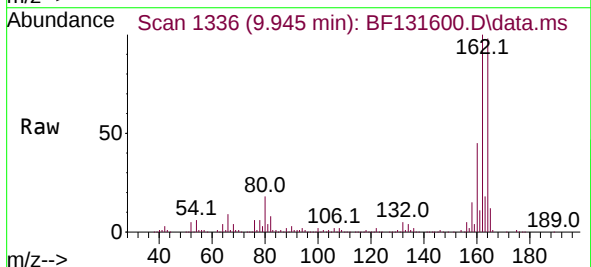
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-SAMPLE-TANK-6-7-8-9-16

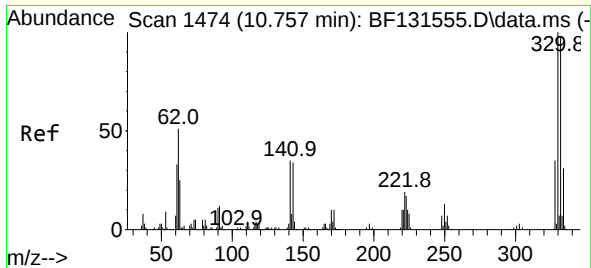
Tgt Ion: 82 Resp: 440075  
Ion Ratio Lower Upper  
82 100  
128 33.1 26.1 39.1  
54 48.5 40.6 60.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. -0.006 min  
Lab File: BF131600.D  
Acq: 12 Dec 2022 19:12

Tgt Ion:164 Resp: 108356  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.0 121.6  
160 45.6 35.0 52.6

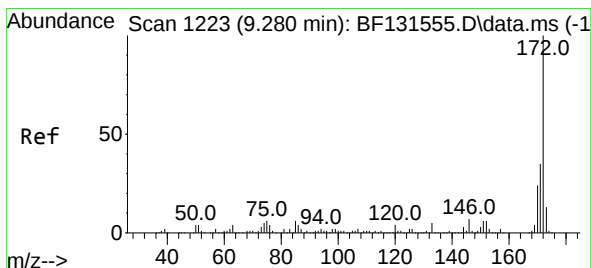
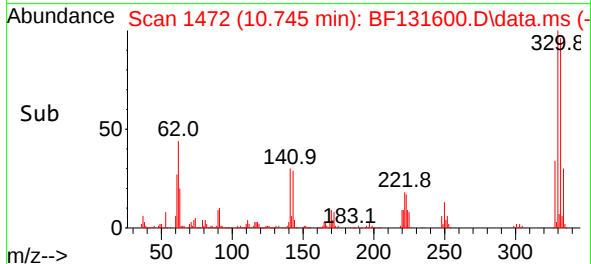
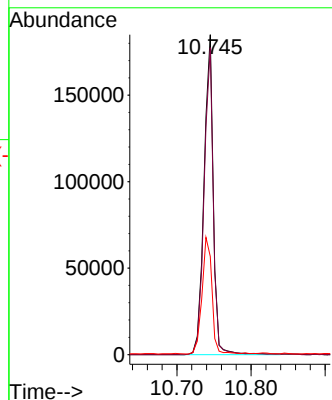
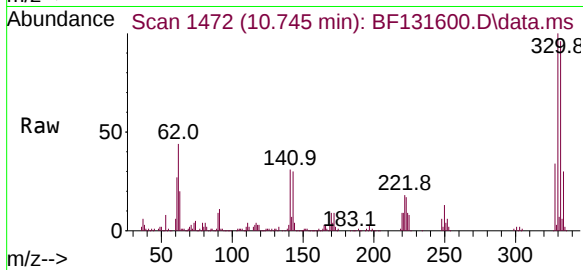




#42  
2,4,6-Tribromophenol  
Concen: 133.250 ng  
RT: 10.745 min Scan# 1474  
Delta R.T. -0.006 min  
Lab File: BF131600.D  
Acq: 12 Dec 2022 19:12

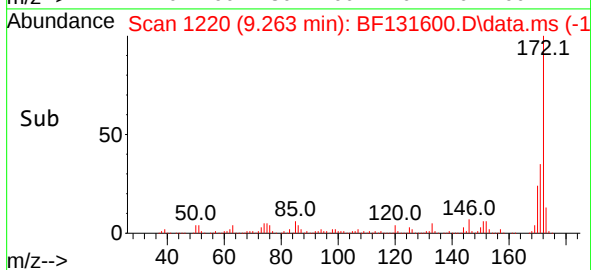
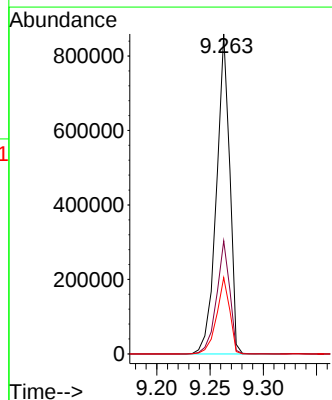
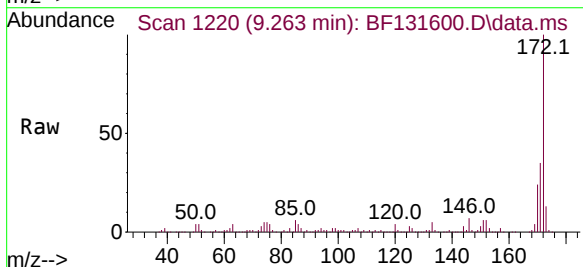
Instrument : BNA\_F  
ClientSampleId : COMP-SAMPLE-TANK-6-7-8-9-16

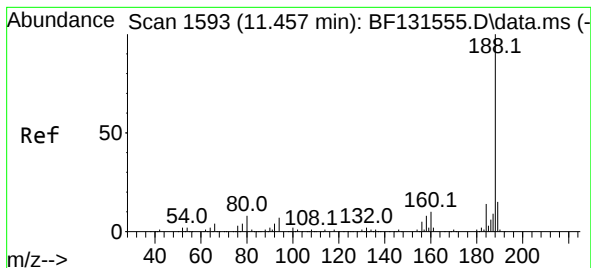
Tgt Ion: 330 Resp: 160415  
Ion Ratio Lower Upper  
330 100  
332 95.3 78.3 117.5  
141 39.1 32.6 49.0



#45  
2-Fluorobiphenyl  
Concen: 86.291 ng  
RT: 9.263 min Scan# 1220  
Delta R.T. -0.006 min  
Lab File: BF131600.D  
Acq: 12 Dec 2022 19:12

Tgt Ion: 172 Resp: 741561  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.3 42.5  
170 23.9 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131600.D

Acq: 12 Dec 2022 19:12

Instrument :

BNA\_F

ClientSampleId :

COMP-SAMPLE-TANK-6-7-8-9-16

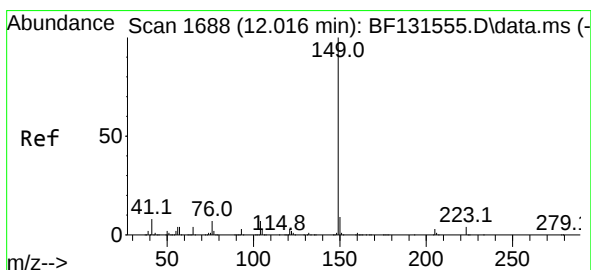
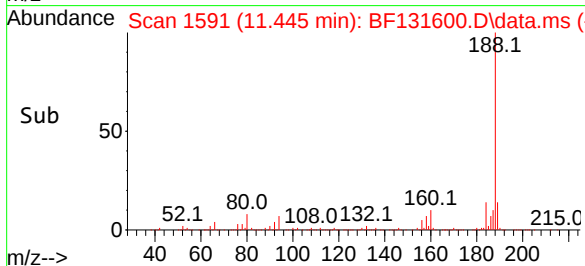
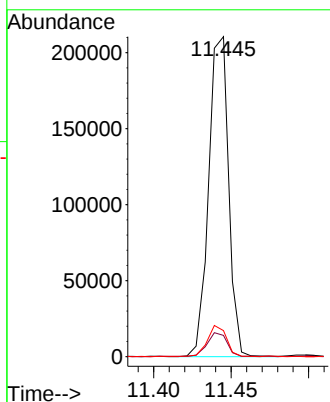
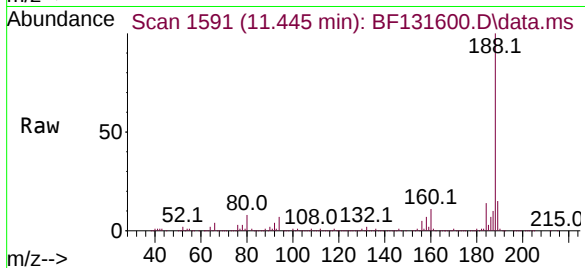
Tgt Ion:188 Resp: 189616

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

80 8.1 6.6 10.0



#74

Di-n-butylphthalate

Concen: 14.300 ng

RT: 12.004 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BF131600.D

Acq: 12 Dec 2022 19:12

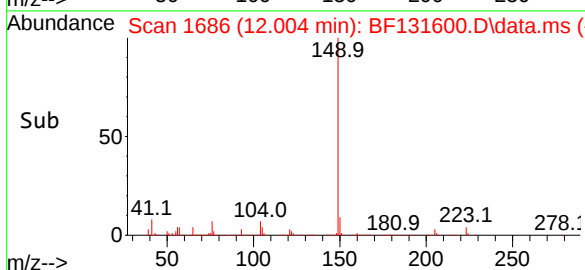
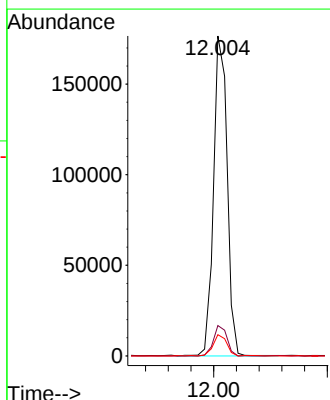
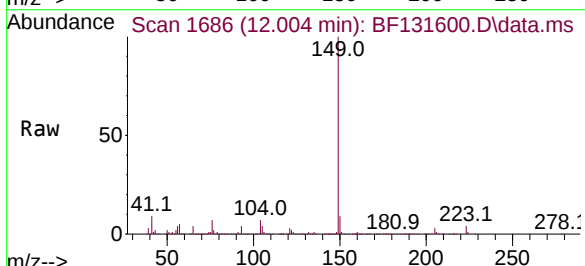
Tgt Ion:149 Resp: 147249

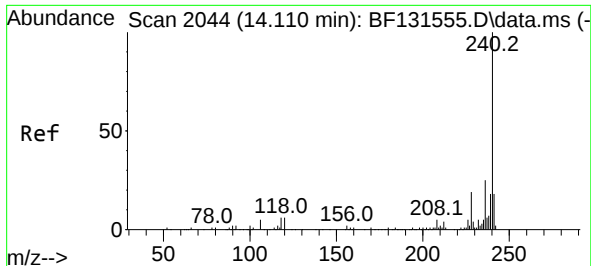
Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

104 6.7 5.2 7.8

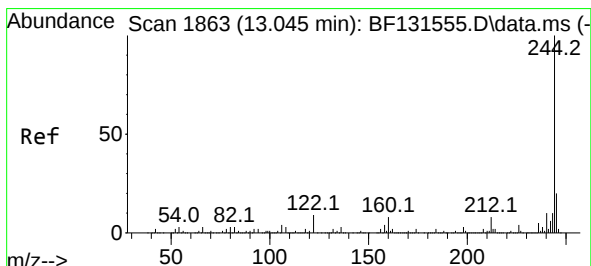
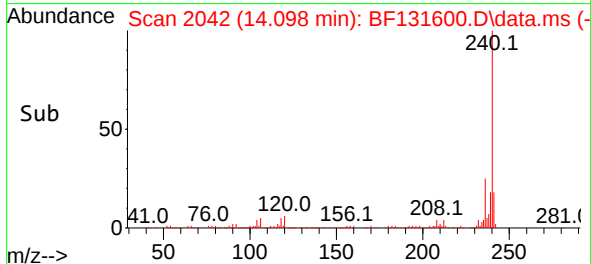
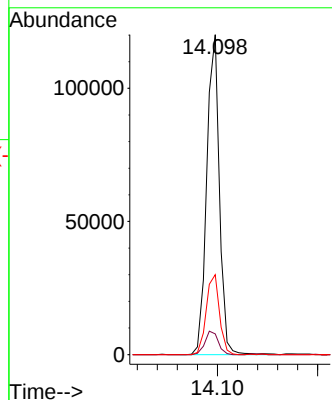
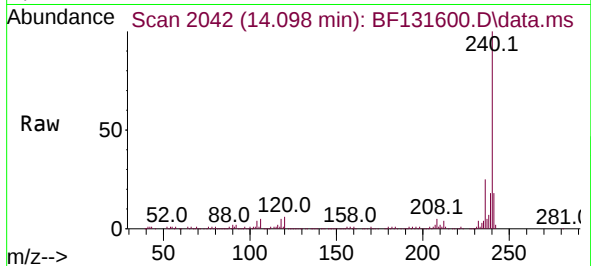




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.098 min Scan# 2044  
Delta R.T. -0.006 min  
Lab File: BF131600.D  
Acq: 12 Dec 2022 19:12

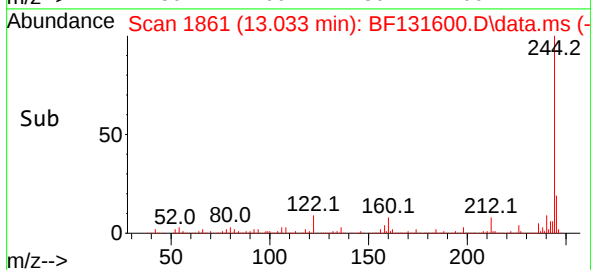
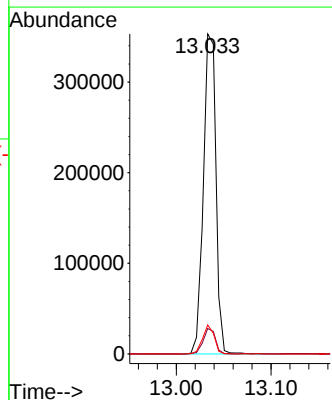
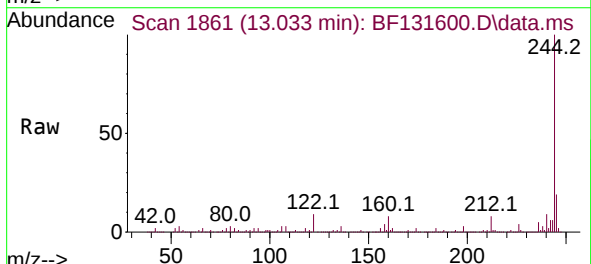
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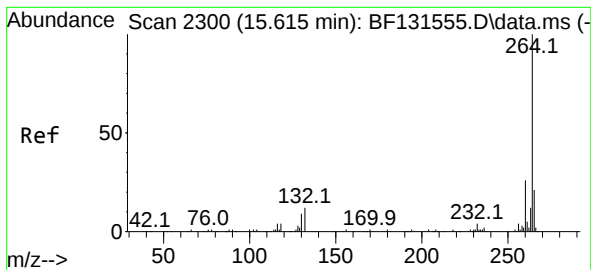
Tgt Ion:240 Resp: 104904  
Ion Ratio Lower Upper  
240 100  
120 6.5 4.6 7.0  
236 25.0 20.2 30.2



#79  
Terphenyl-d14  
Concen: 42.655 ng  
RT: 13.033 min Scan# 1861  
Delta R.T. -0.012 min  
Lab File: BF131600.D  
Acq: 12 Dec 2022 19:12

Tgt Ion:244 Resp: 326284  
Ion Ratio Lower Upper  
244 100  
212 7.9 6.5 9.7  
122 9.0 7.1 10.7





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.609 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF131600.D  
Acq: 12 Dec 2022 19:12

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-SAMPLE-TANK-6-7-8-9-16

Tgt Ion:264 Resp: 119497  
Ion Ratio Lower Upper  
264 100  
260 23.9 20.6 30.8  
265 20.6 16.8 25.2

