

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072325\  
 Data File : BF143216.D  
 Acq On : 23 Jul 2025 17:28  
 Operator : RC/JU  
 Sample : Q2645-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RW5B-CARBON-20250716

Quant Time: Jul 23 17:50:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 17 15:14:05 2025  
 Response via : Initial Calibration

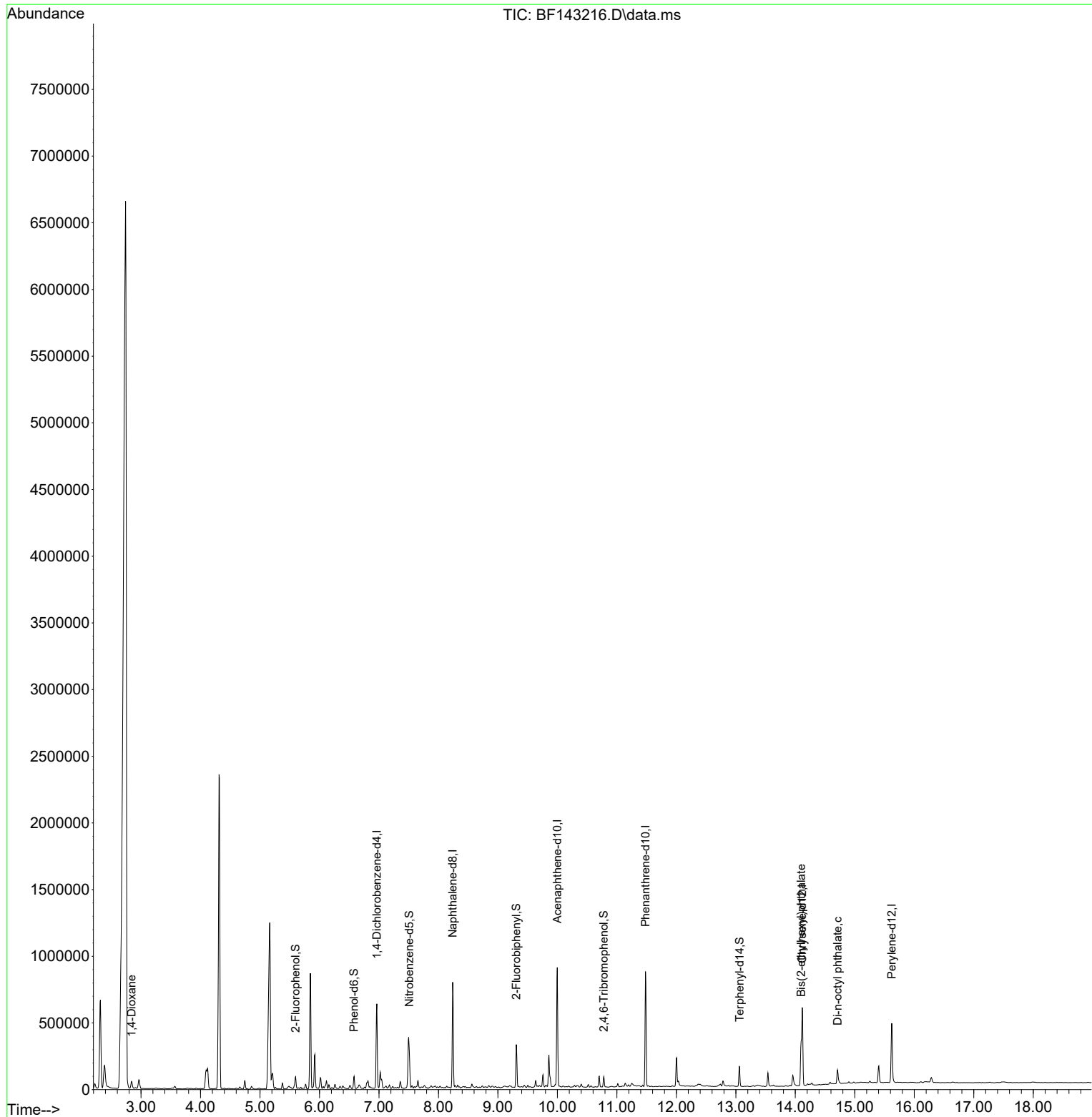
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.963  | 152  | 123339   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.240  | 136  | 475879   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.998  | 164  | 255682   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.480 | 188  | 430196   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.116 | 240  | 262836   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.621 | 264  | 258643   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.599  | 112  | 29101    | 3.734  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.581  | 99   | 38043    | 3.878  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.510  | 82   | 88924    | 9.315  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.781 | 330  | 11984    | 4.537  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.310  | 172  | 129738   | 6.940  | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.063 | 244  | 71384    | 4.042  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 2) 1,4-Dioxane                | 2.840  | 88   | 27006    | 7.323  | ng    | # 95     |
| 84) Bis(2-ethylhexyl)phtha... | 14.098 | 149  | 123557   | 11.884 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.710 | 149  | 75818    | 4.023  | ng    | # 96     |
| -----                         |        |      |          |        |       |          |

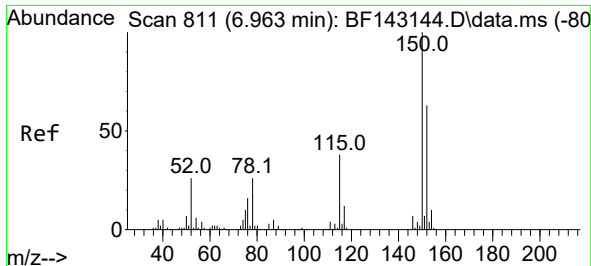
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072325\  
Data File : BF143216.D  
Acq On : 23 Jul 2025 17:28  
Operator : RC/JU  
Sample : Q2645-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RW5B-CARBON-20250716

Quant Time: Jul 23 17:50:41 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071725.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 17 15:14:05 2025  
Response via : Initial Calibration

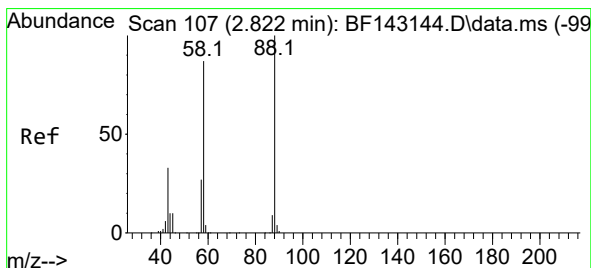
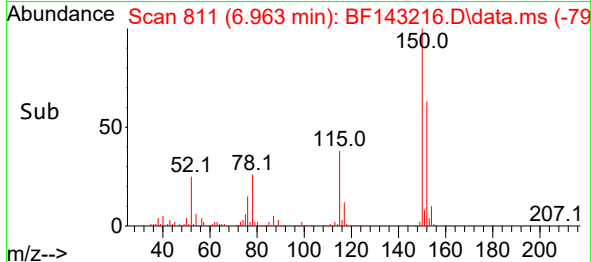
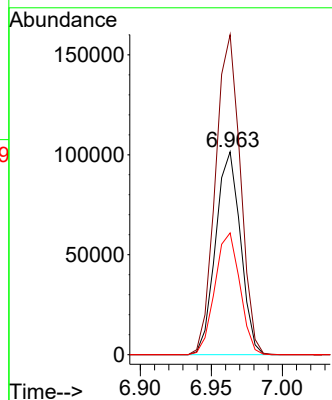
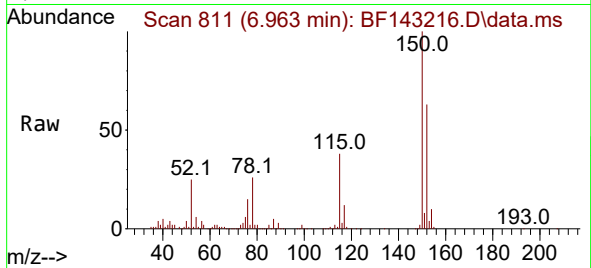




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.963 min Scan# 811  
 Delta R.T. 0.000 min  
 Lab File: BF143216.D  
 Acq: 23 Jul 2025 17:28

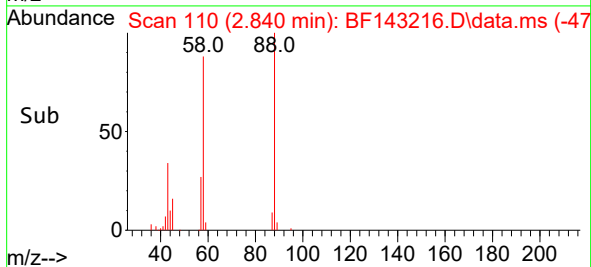
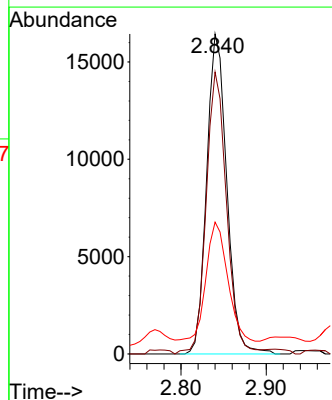
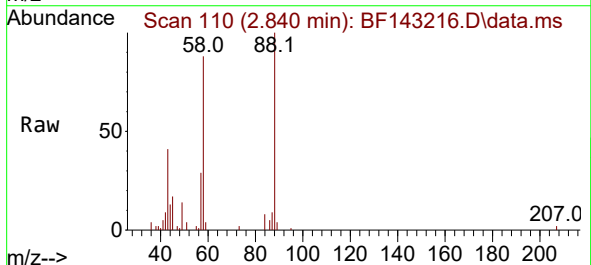
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RW5B-CARBON-20250716

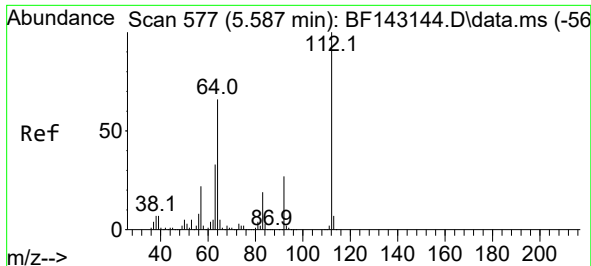
Tgt Ion:152 Resp: 123339  
 Ion Ratio Lower Upper  
 152 100  
 150 157.7 128.2 192.4  
 115 60.0 47.9 71.9



#2  
 1,4-Dioxane  
 Concen: 7.323 ng  
 RT: 2.840 min Scan# 110  
 Delta R.T. 0.018 min  
 Lab File: BF143216.D  
 Acq: 23 Jul 2025 17:28

Tgt Ion: 88 Resp: 27006  
 Ion Ratio Lower Upper  
 88 100  
 58 89.1 70.2 105.2  
 43 42.7 27.1 40.7#

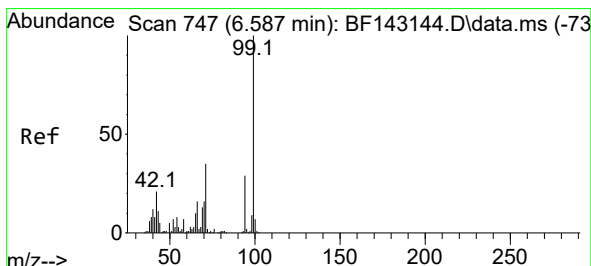
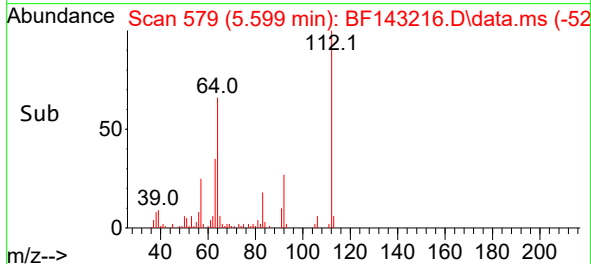
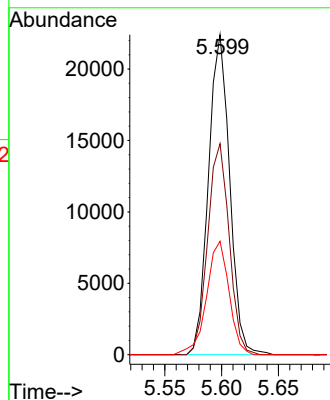
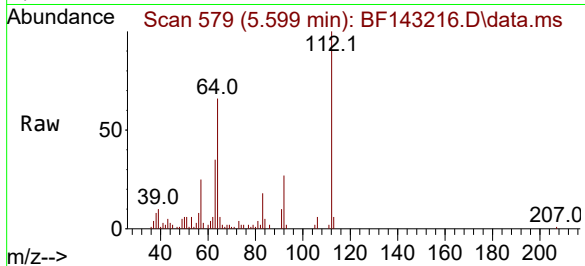




#5  
2-Fluorophenol  
Concen: 3.734 ng  
RT: 5.599 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: BF143216.D  
Acq: 23 Jul 2025 17:28

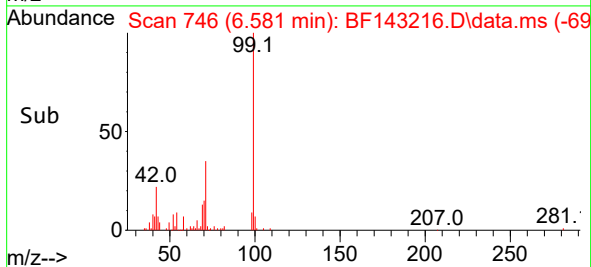
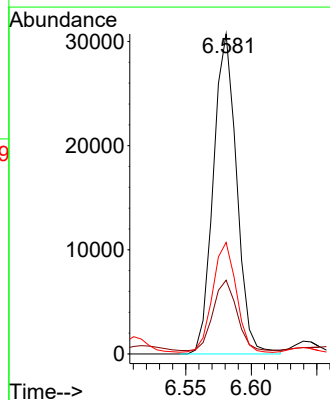
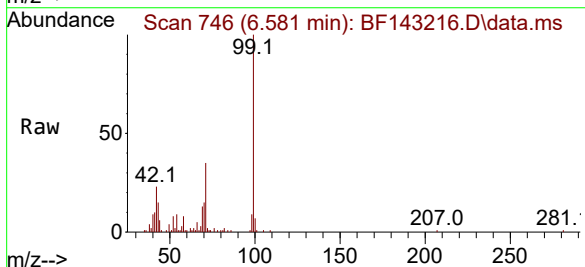
Instrument :  
BNA\_F  
ClientSampleId :  
RW5B-CARBON-20250716

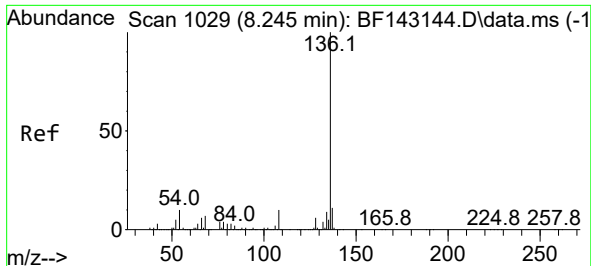
Tgt Ion:112 Resp: 29101  
Ion Ratio Lower Upper  
112 100  
64 65.9 53.1 79.7  
63 35.5 26.6 40.0



#7  
Phenol-d6  
Concen: 3.878 ng  
RT: 6.581 min Scan# 746  
Delta R.T. -0.006 min  
Lab File: BF143216.D  
Acq: 23 Jul 2025 17:28

Tgt Ion: 99 Resp: 38043  
Ion Ratio Lower Upper  
99 100  
42 23.0 17.0 25.6  
71 34.8 27.7 41.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.240 min Scan# 1029

Delta R.T. -0.005 min

Lab File: BF143216.D

Acq: 23 Jul 2025 17:28

Instrument :

BNA\_F

ClientSampleId :

RW5B-CARBON-20250716

Tgt Ion:136 Resp: 475879

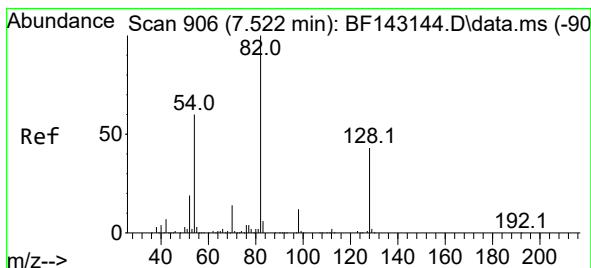
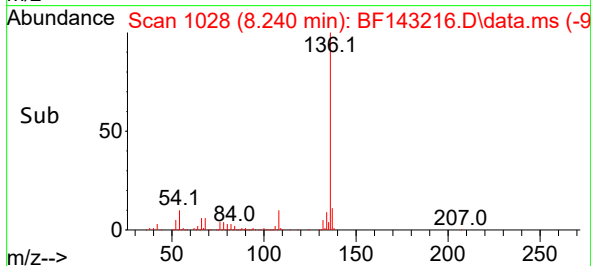
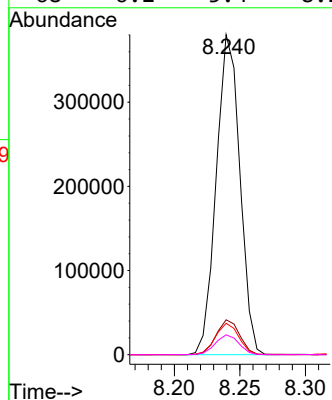
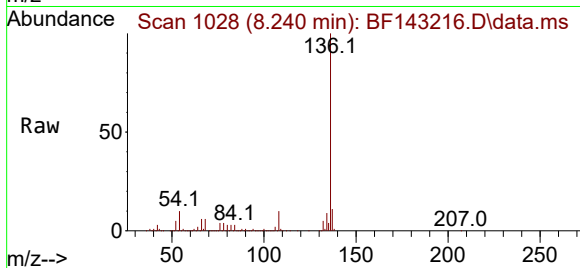
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.8 8.2 12.2

68 6.2 5.4 8.2



#23

Nitrobenzene-d5

Concen: 9.315 ng

RT: 7.510 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF143216.D

Acq: 23 Jul 2025 17:28

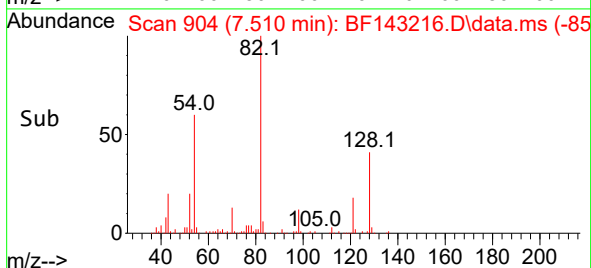
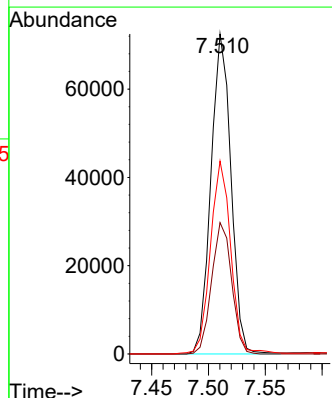
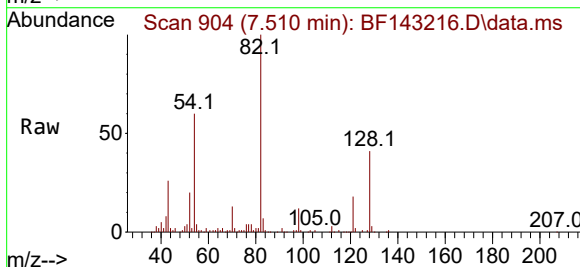
Tgt Ion: 82 Resp: 88924

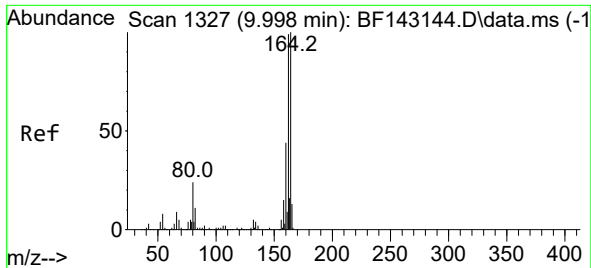
Ion Ratio Lower Upper

82 100

128 41.1 33.6 50.4

54 60.2 47.1 70.7

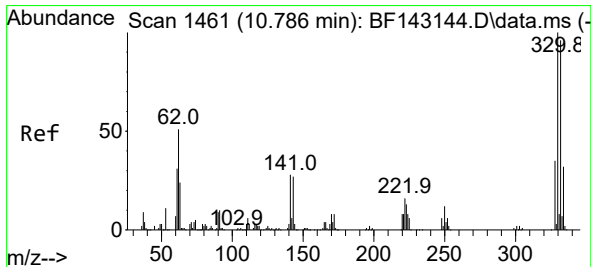
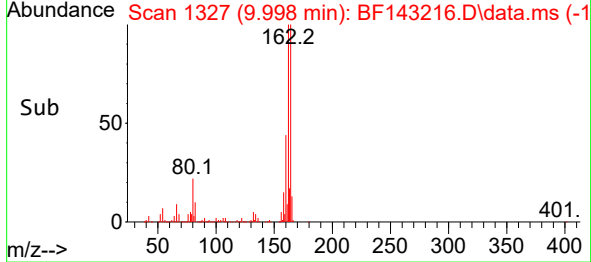
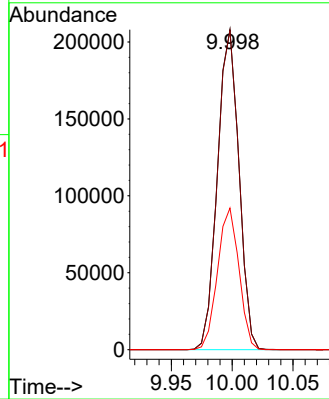
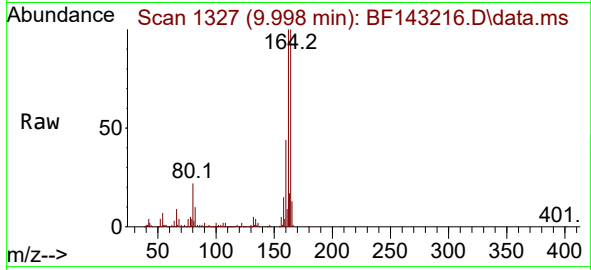




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.998 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143216.D  
Acq: 23 Jul 2025 17:28

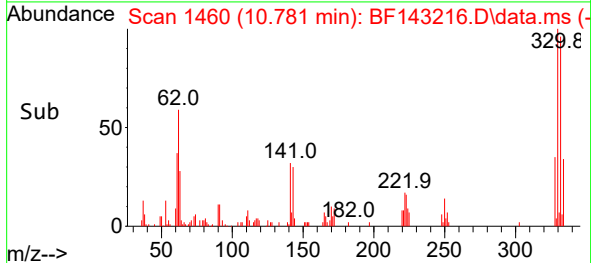
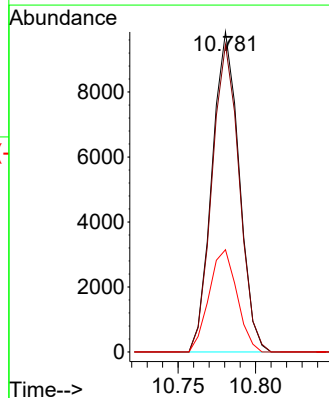
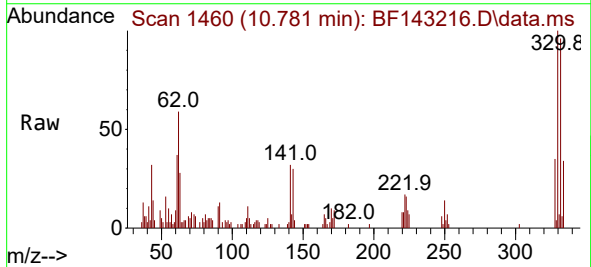
Instrument :  
BNA\_F  
ClientSampleId :  
RW5B-CARBON-20250716

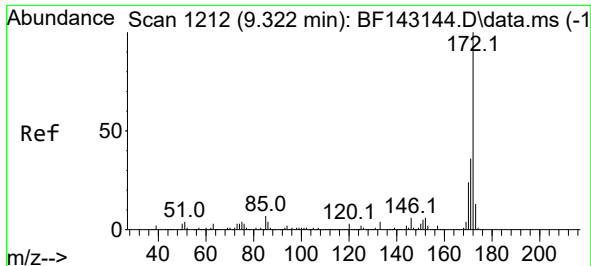
Tgt Ion:164 Resp: 255682  
Ion Ratio Lower Upper  
164 100  
162 99.8 79.0 118.6  
160 44.3 35.1 52.7



#42  
2,4,6-Tribromophenol  
Concen: 4.537 ng  
RT: 10.781 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: BF143216.D  
Acq: 23 Jul 2025 17:28

Tgt Ion:330 Resp: 11984  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.7 115.1  
141 32.9 23.3 34.9

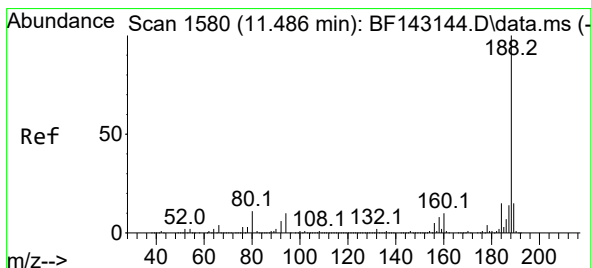
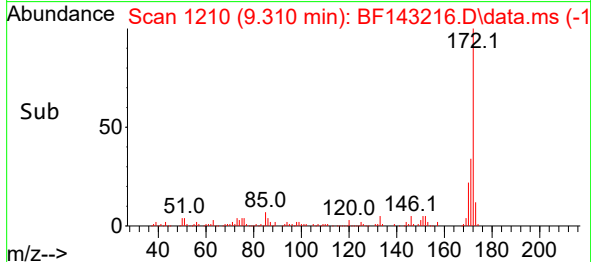
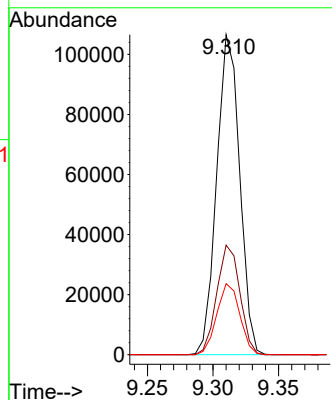
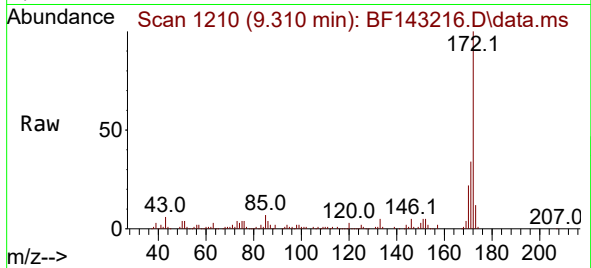




#45  
2-Fluorobiphenyl  
Concen: 6.940 ng  
RT: 9.310 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF143216.D  
Acq: 23 Jul 2025 17:28

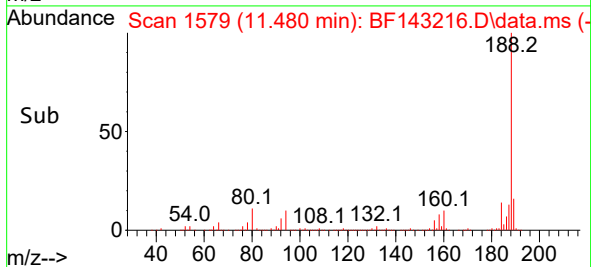
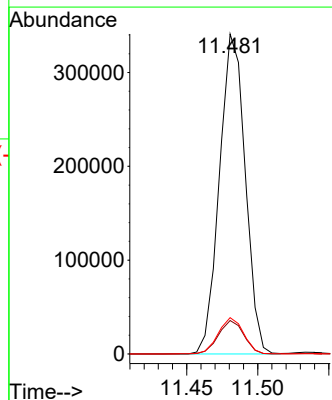
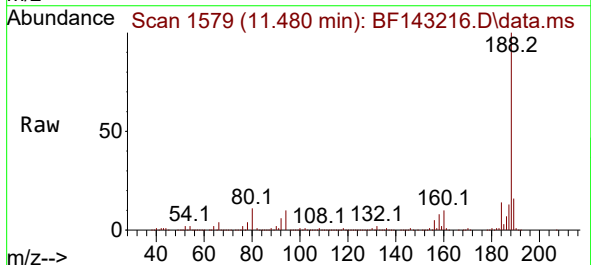
Instrument :  
BNA\_F  
ClientSampleId :  
RW5B-CARBON-20250716

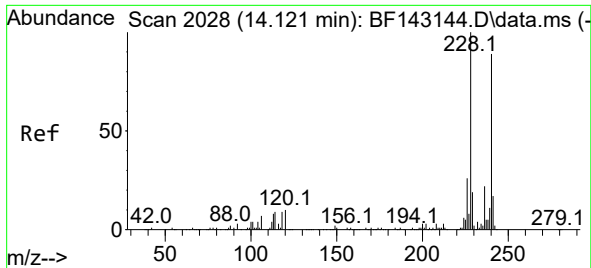
Tgt Ion:172 Resp: 129738  
Ion Ratio Lower Upper  
172 100  
171 34.2 28.6 42.8  
170 22.2 18.8 28.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.480 min Scan# 1579  
Delta R.T. -0.006 min  
Lab File: BF143216.D  
Acq: 23 Jul 2025 17:28

Tgt Ion:188 Resp: 430196  
Ion Ratio Lower Upper  
188 100  
94 10.5 8.3 12.5  
80 11.4 9.0 13.6

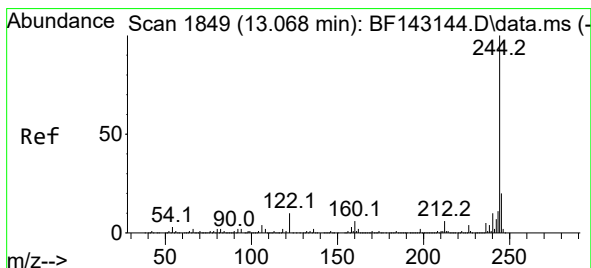
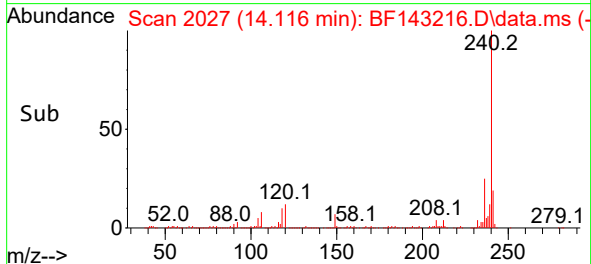
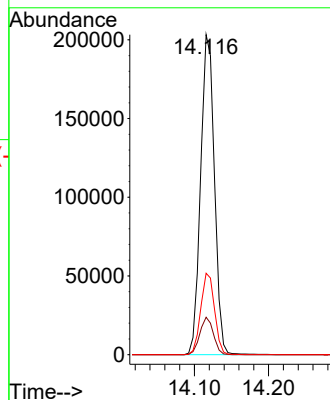
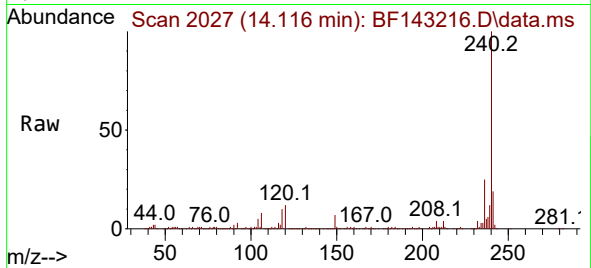




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.116 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF143216.D  
Acq: 23 Jul 2025 17:28

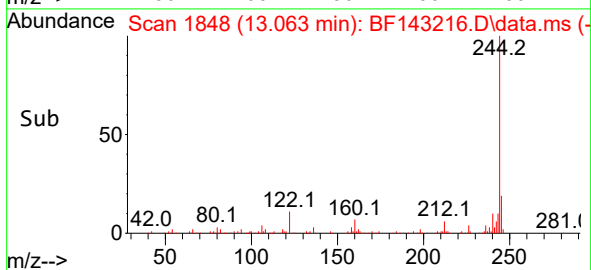
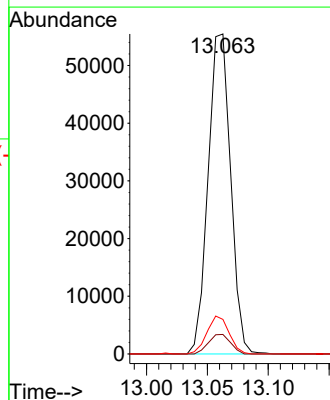
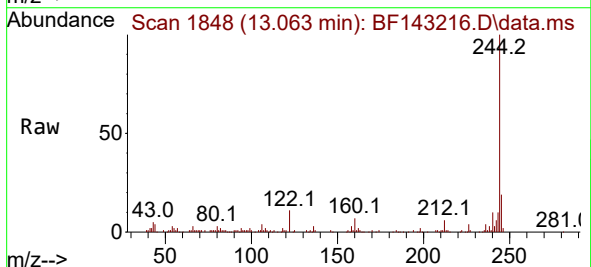
Instrument :  
BNA\_F  
ClientSampleId :  
RW5B-CARBON-20250716

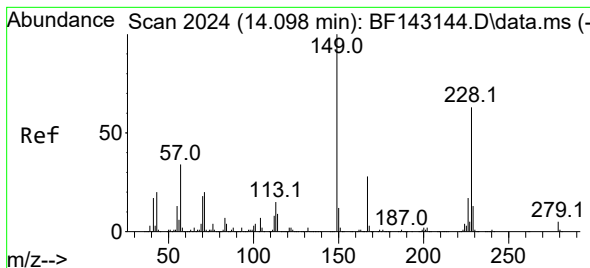
Tgt Ion:240 Resp: 262836  
Ion Ratio Lower Upper  
240 100  
120 11.7 9.4 14.2  
236 25.4 20.2 30.4



#79  
Terphenyl-d14  
Concen: 4.042 ng  
RT: 13.063 min Scan# 1848  
Delta R.T. -0.006 min  
Lab File: BF143216.D  
Acq: 23 Jul 2025 17:28

Tgt Ion:244 Resp: 71384  
Ion Ratio Lower Upper  
244 100  
212 6.1 5.2 7.8  
122 10.8 8.2 12.2

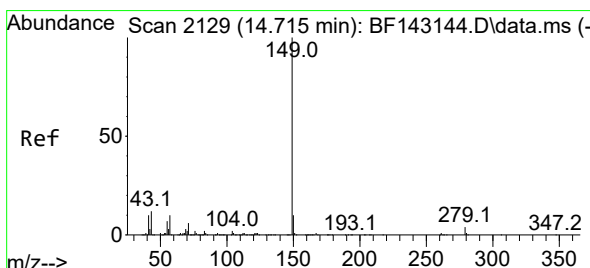
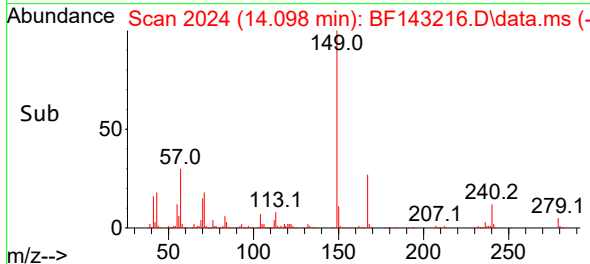
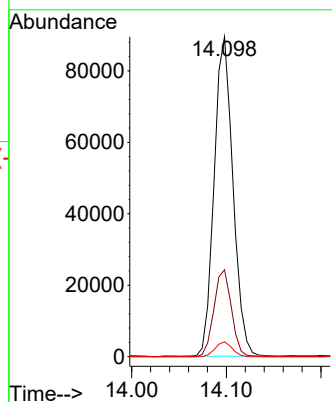
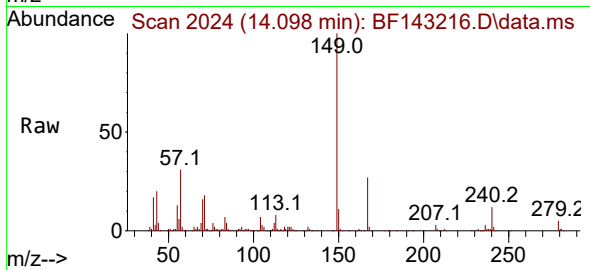




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 11.884 ng  
 RT: 14.098 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: BF143216.D  
 Acq: 23 Jul 2025 17:28

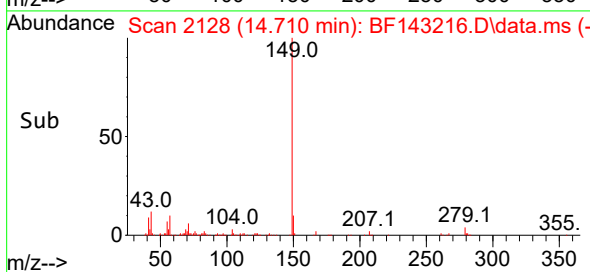
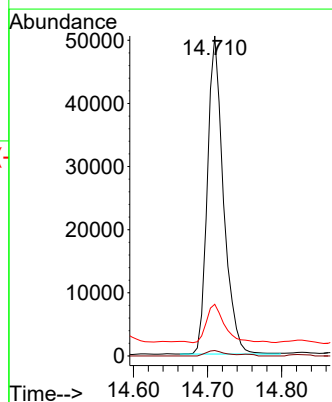
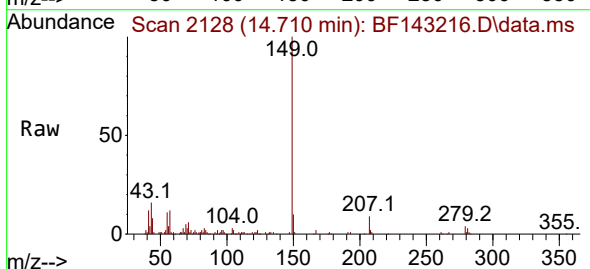
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RW5B-CARBON-20250716

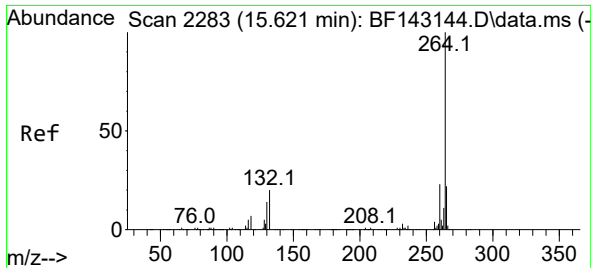
Tgt Ion:149 Resp: 123557  
 Ion Ratio Lower Upper  
 149 100  
 167 27.2 22.3 33.5  
 279 4.6 3.6 5.4



#85  
 Di-n-octyl phthalate  
 Concen: 4.023 ng  
 RT: 14.710 min Scan# 2128  
 Delta R.T. -0.006 min  
 Lab File: BF143216.D  
 Acq: 23 Jul 2025 17:28

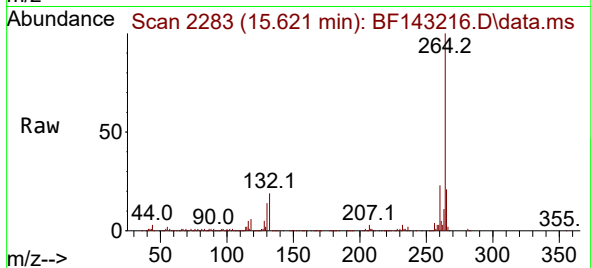
Tgt Ion:149 Resp: 75818  
 Ion Ratio Lower Upper  
 149 100  
 167 2.0 1.1 1.7#  
 43 13.7 9.7 14.5





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.621 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF143216.D  
Acq: 23 Jul 2025 17:28

Instrument :  
BNA\_F  
ClientSampleId :  
RW5B-CARBON-20250716



Tgt Ion:264 Resp: 258643  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.3  | 18.5  | 27.7  |
| 265 | 21.4  | 17.4  | 26.2  |

