

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120222\  
 Data File : BF131497.D  
 Acq On : 02 Dec 2022 15:53  
 Operator : CG\JU  
 Sample : N5848-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PE-2

Quant Time: Dec 05 00:02:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 05 00:00:18 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.928  | 152  | 62003    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.216  | 136  | 232144   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.981  | 164  | 188545   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.475 | 188  | 335615   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.127 | 240  | 223391   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 15.657 | 264  | 186148   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.546  | 112  | 384286   | 117.959 | ng    | 0.01     |
| 7) Phenol-d6                | 6.546  | 99   | 485480   | 116.798 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.493  | 82   | 326395   | 70.875  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.775 | 330  | 209077   | 131.806 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.298  | 172  | 852856   | 65.807  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.075 | 244  | 917002   | 67.126  | ng    | 0.00     |

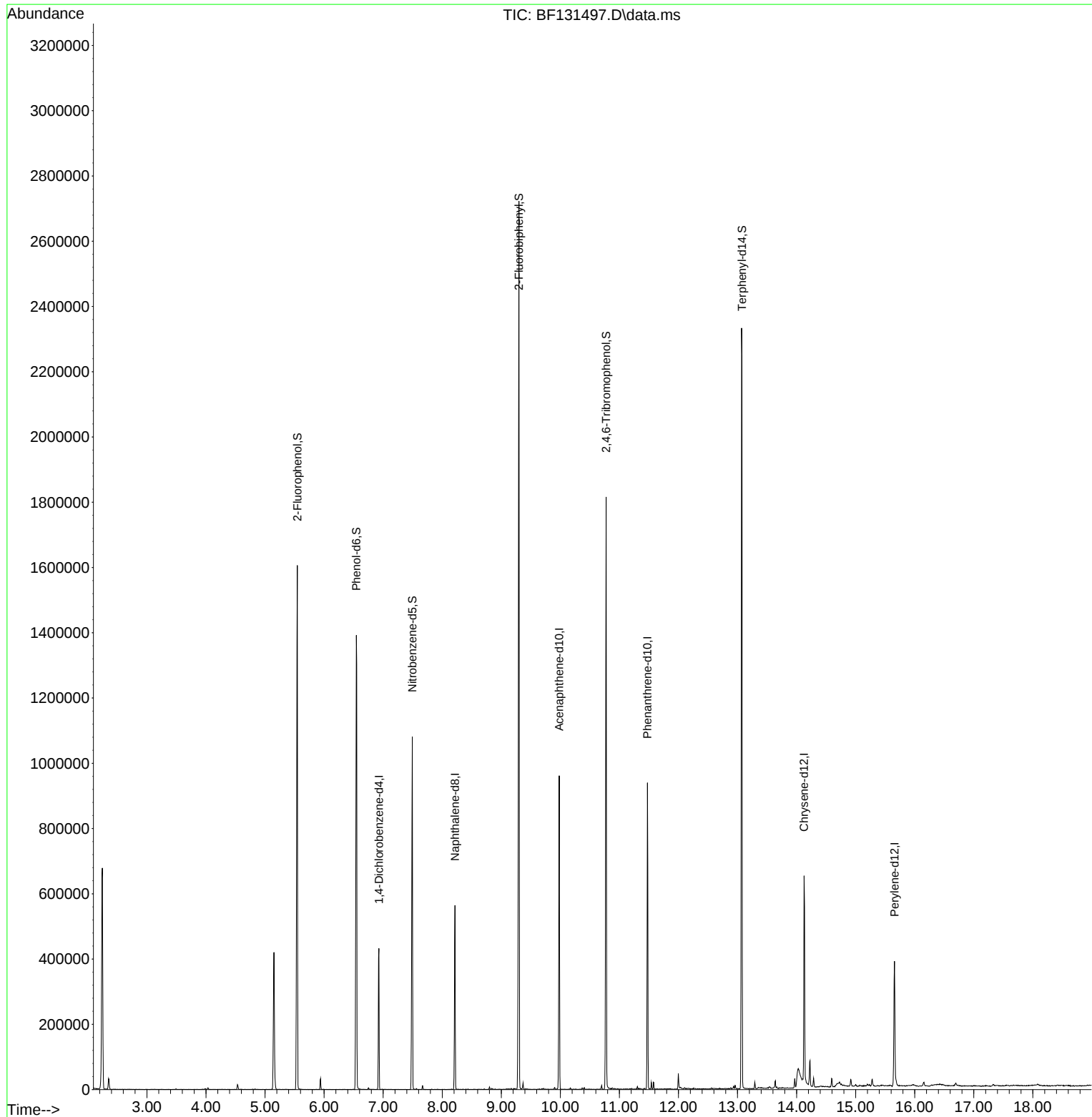
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

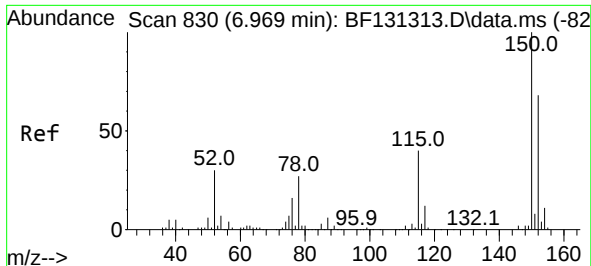
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 05 00:00:18 2022  
Response via : Initial Calibration

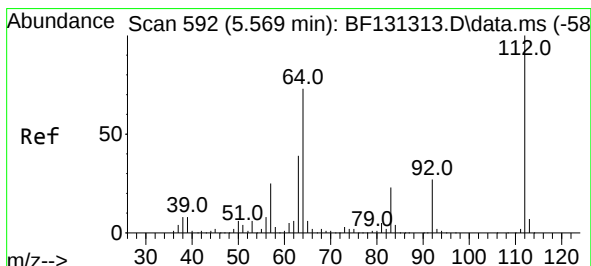
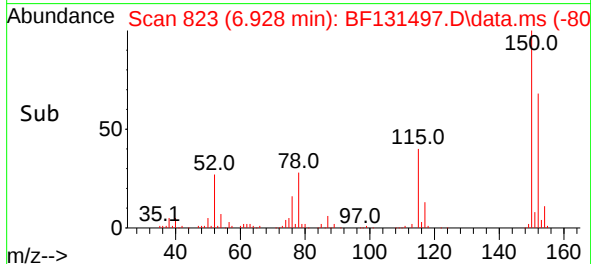
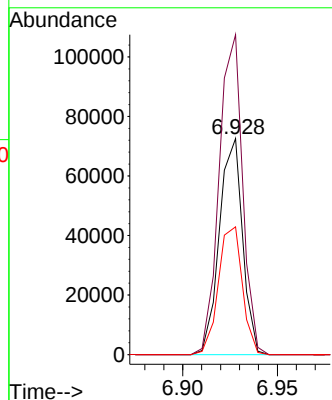
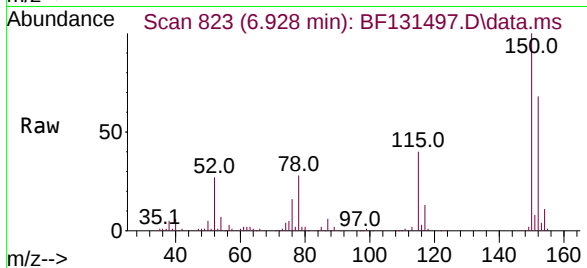




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.928 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF131497.D  
Acq: 02 Dec 2022 15:53

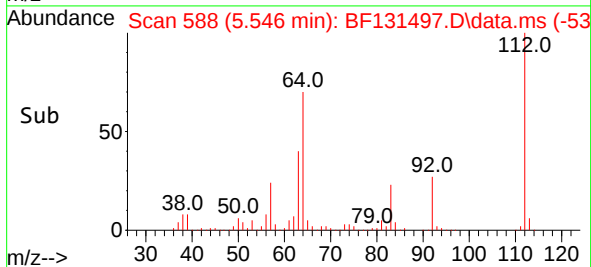
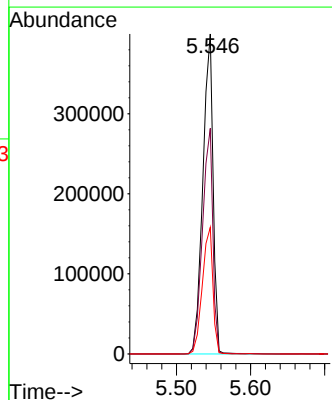
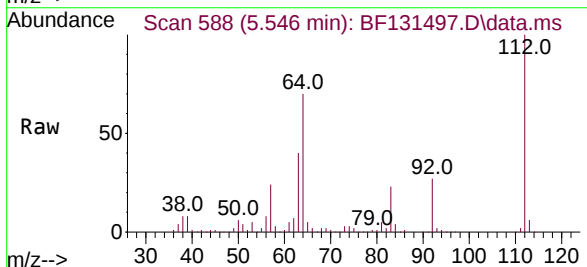
Instrument :  
BNA\_F  
ClientSampleId :  
PE-2

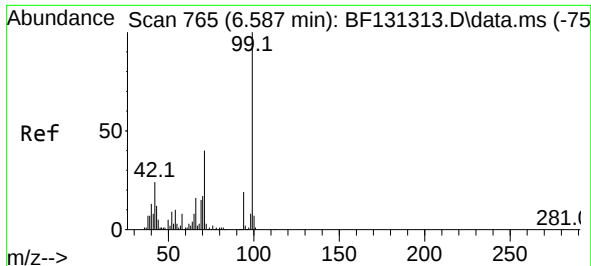
Tgt Ion:152 Resp: 62003  
Ion Ratio Lower Upper  
152 100  
150 148.0 117.8 176.8  
115 59.1 47.1 70.7



#5  
2-Fluorophenol  
Concen: 117.959 ng  
RT: 5.546 min Scan# 588  
Delta R.T. 0.012 min  
Lab File: BF131497.D  
Acq: 02 Dec 2022 15:53

Tgt Ion:112 Resp: 384286  
Ion Ratio Lower Upper  
112 100  
64 70.5 58.6 88.0  
63 39.5 31.4 47.0

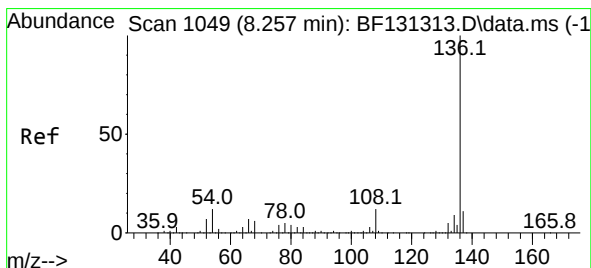
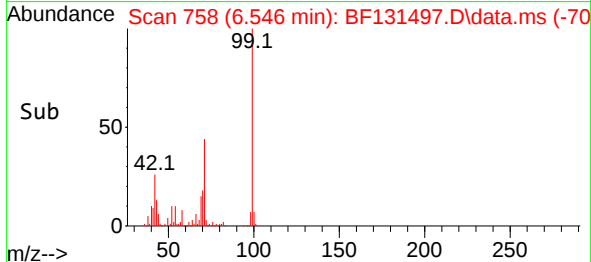
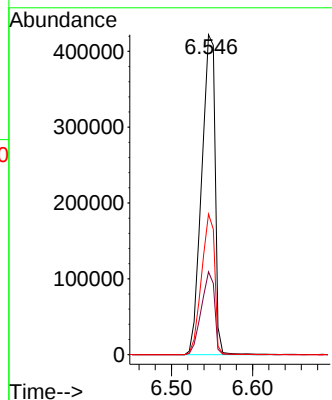
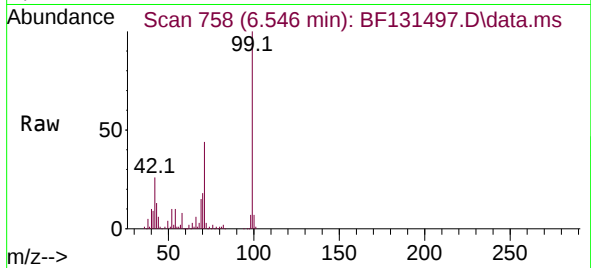




#7  
Phenol-d6  
Concen: 116.798 ng  
RT: 6.546 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF131497.D  
Acq: 02 Dec 2022 15:53

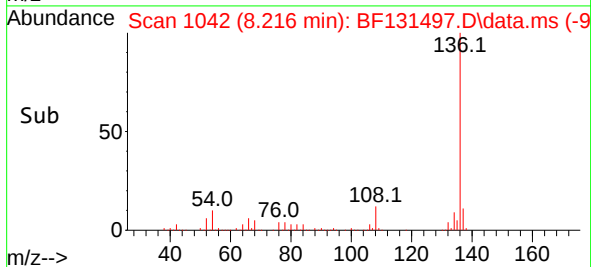
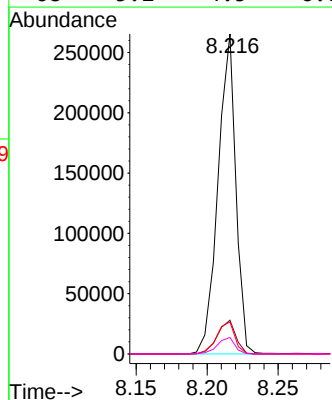
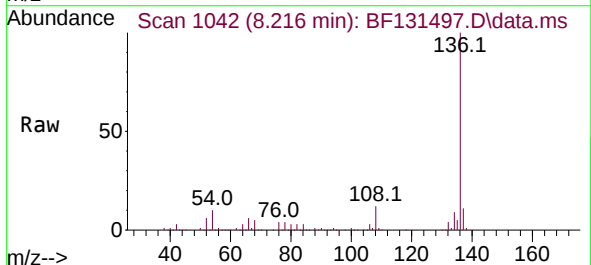
Instrument :  
BNA\_F  
ClientSampleId :  
PE-2

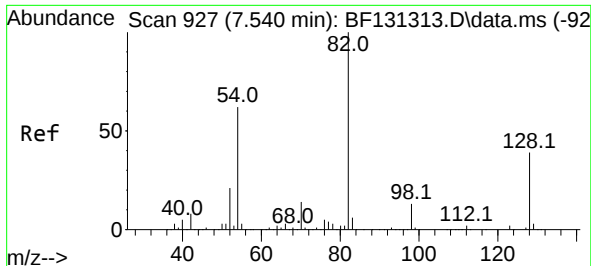
Tgt Ion: 99 Resp: 485480  
Ion Ratio Lower Upper  
99 100  
42 25.9 19.4 29.2  
71 44.0 32.3 48.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.216 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: BF131497.D  
Acq: 02 Dec 2022 15:53

Tgt Ion: 136 Resp: 232144  
Ion Ratio Lower Upper  
136 100  
137 10.5 9.0 13.6  
54 10.0 9.4 14.0  
68 5.2 4.5 6.7

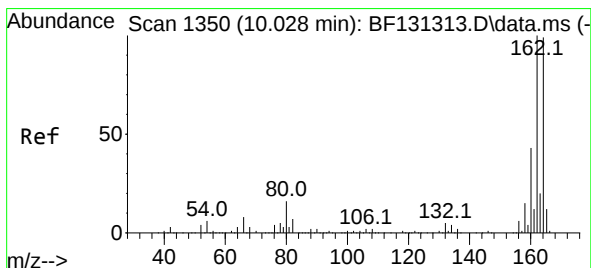
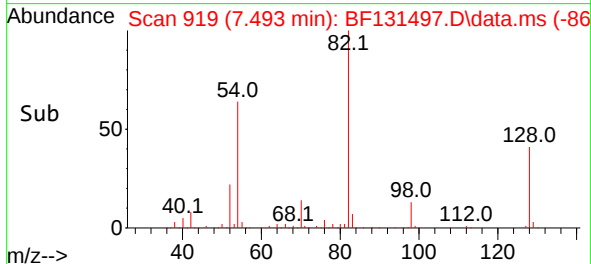
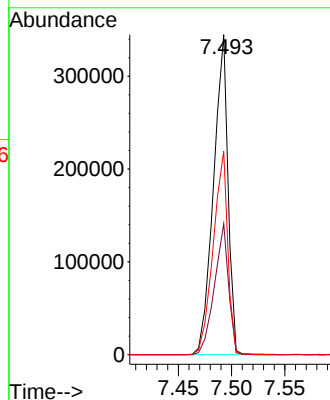
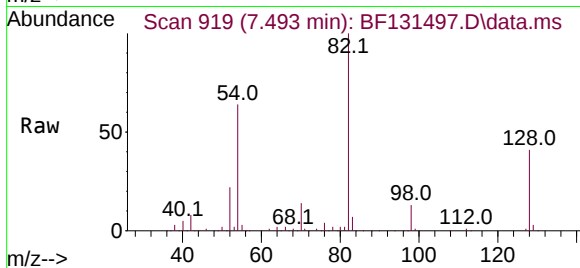




#23  
Nitrobenzene-d5  
Concen: 70.875 ng  
RT: 7.493 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF131497.D  
Acq: 02 Dec 2022 15:53

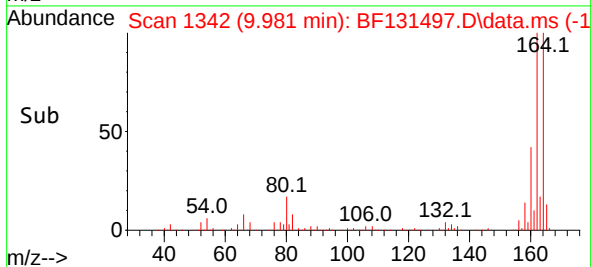
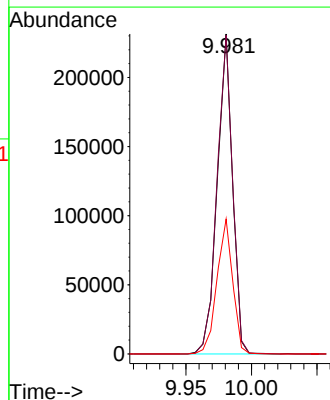
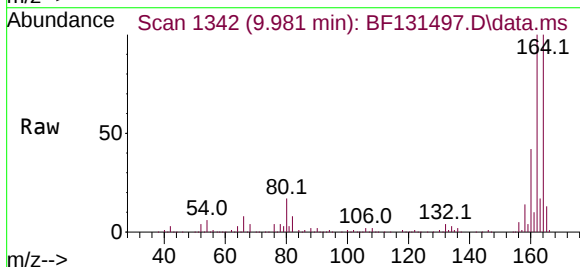
Instrument :  
BNA\_F  
ClientSampleId :  
PE-2

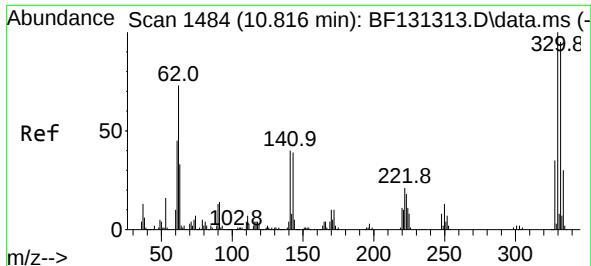
Tgt Ion: 82 Resp: 326395  
Ion Ratio Lower Upper  
82 100  
128 40.9 31.4 47.0  
54 63.5 49.8 74.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.981 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: BF131497.D  
Acq: 02 Dec 2022 15:53

Tgt Ion: 164 Resp: 188545  
Ion Ratio Lower Upper  
164 100  
162 99.6 80.6 120.8  
160 42.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 131.806 ng

RT: 10.775 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131497.D

Acq: 02 Dec 2022 15:53

Instrument :

BNA\_F

ClientSampleId :

PE-2

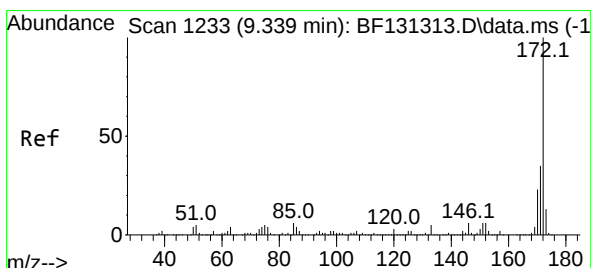
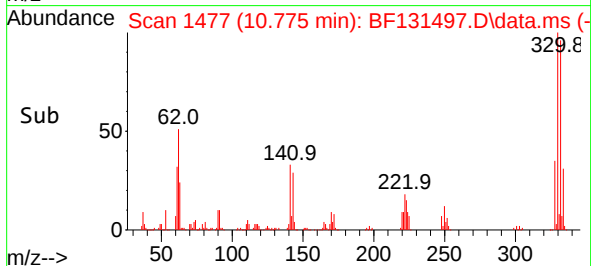
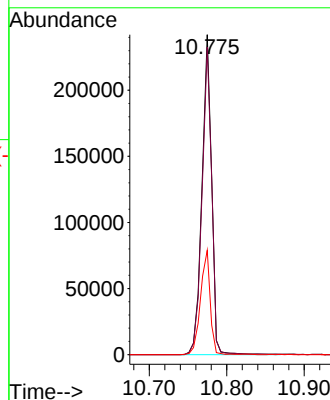
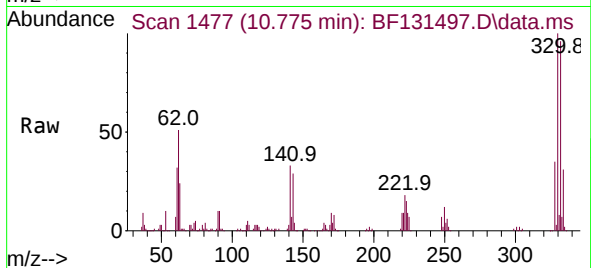
Tgt Ion:330 Resp: 209077

Ion Ratio Lower Upper

330 100

332 96.0 77.5 116.3

141 32.7 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 65.807 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF131497.D

Acq: 02 Dec 2022 15:53

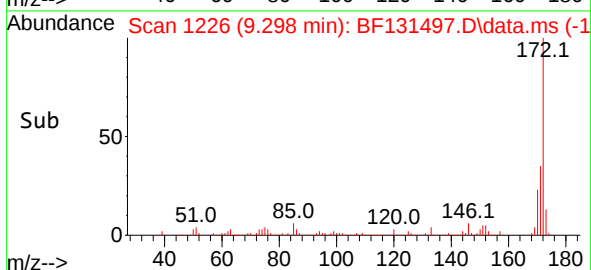
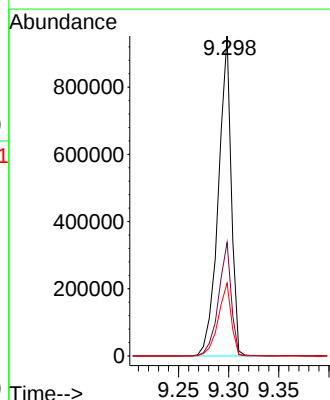
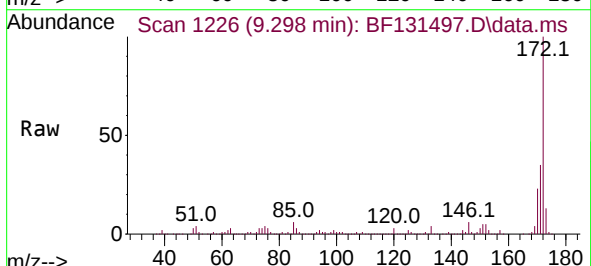
Tgt Ion:172 Resp: 852856

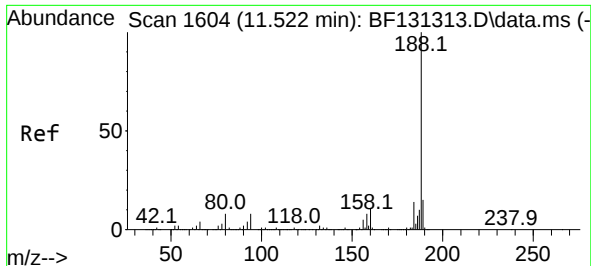
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 22.7 18.7 28.1

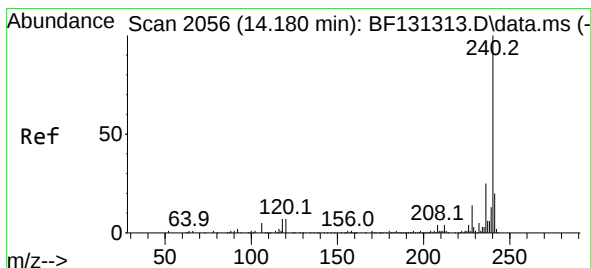
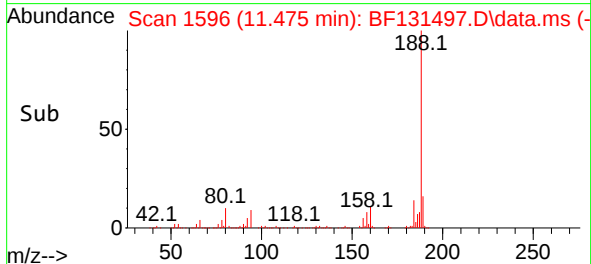
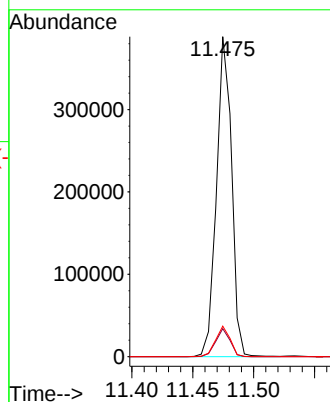
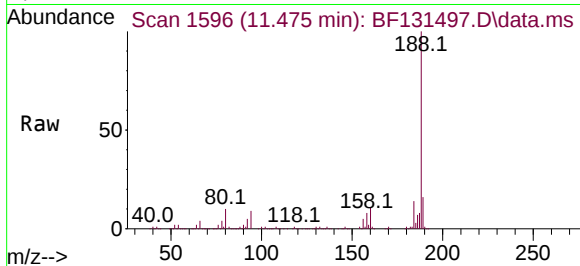




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.475 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF131497.D  
Acq: 02 Dec 2022 15:53

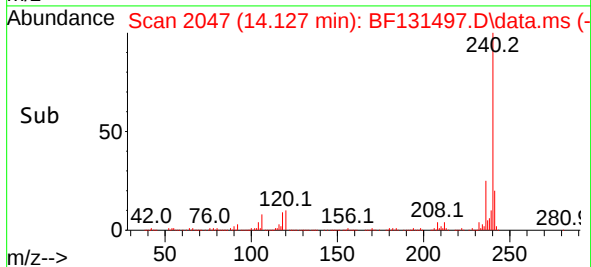
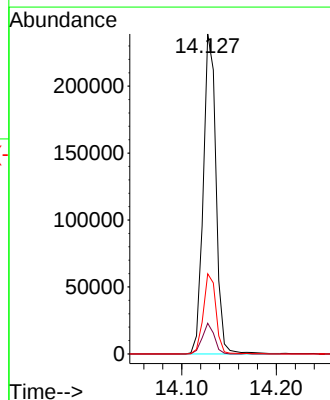
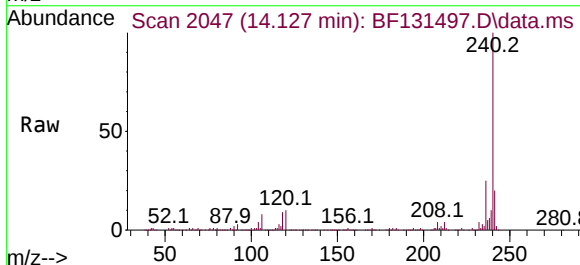
Instrument :  
BNA\_F  
ClientSampleId :  
PE-2

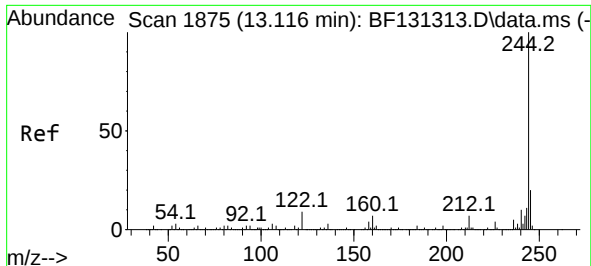
Tgt Ion:188 Resp: 335615  
Ion Ratio Lower Upper  
188 100  
94 8.7 6.3 9.5  
80 9.5 6.8 10.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.127 min Scan# 2047  
Delta R.T. -0.012 min  
Lab File: BF131497.D  
Acq: 02 Dec 2022 15:53

Tgt Ion:240 Resp: 223391  
Ion Ratio Lower Upper  
240 100  
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236 25.0 20.3 30.5

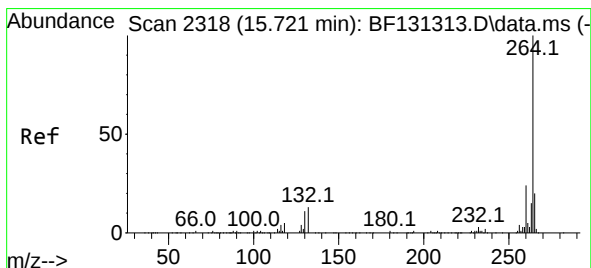
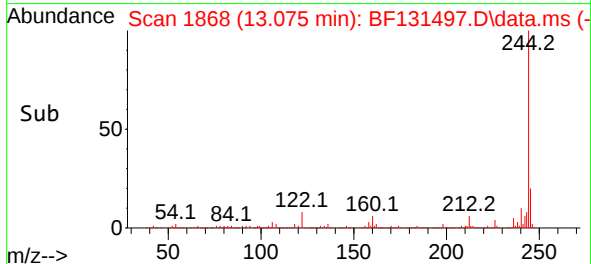
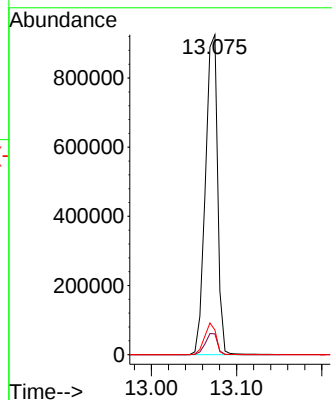
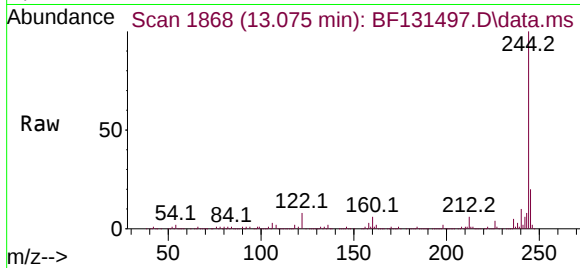




#79  
 Terphenyl-d14  
 Concen: 67.126 ng  
 RT: 13.075 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: BF131497.D  
 Acq: 02 Dec 2022 15:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PE-2

Tgt Ion:244 Resp: 917002  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.9 8.9  
 122 7.7 7.5 11.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.657 min Scan# 2307  
 Delta R.T. -0.006 min  
 Lab File: BF131497.D  
 Acq: 02 Dec 2022 15:53

Tgt Ion:264 Resp: 186148  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.0 28.4  
 265 21.6 16.4 24.6

