

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052822\  
 Data File : BF128542.D  
 Acq On : 28 May 2022 12:02  
 Operator : CG\JU  
 Sample : N2934-06  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P025-SS001-2430-01

Quant Time: May 28 22:41:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 27 01:51:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.840  | 152  | 192570   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.116  | 136  | 737376   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.875  | 164  | 417956   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 772621   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.004 | 240  | 552534   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.468 | 264  | 426734   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.457  | 112  | 1174598  | 101.034 | ng    | 0.00     |
| 7) Phenol-d6                | 6.463  | 99   | 1544832  | 104.217 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 1042934  | 81.593  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 457805   | 115.077 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 1858103  | 72.227  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.957 | 244  | 1928272  | 67.423  | ng    | 0.00     |

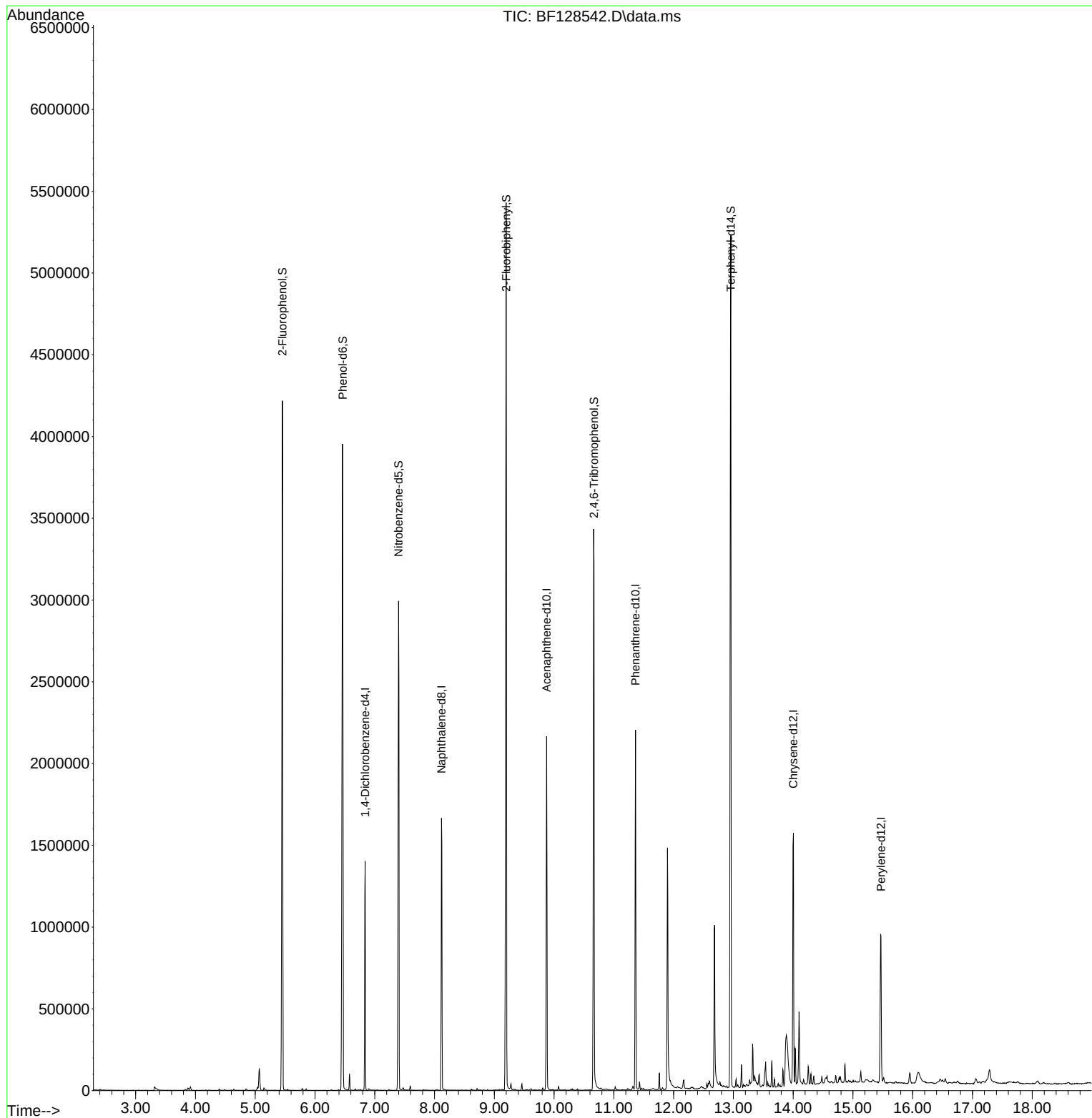
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

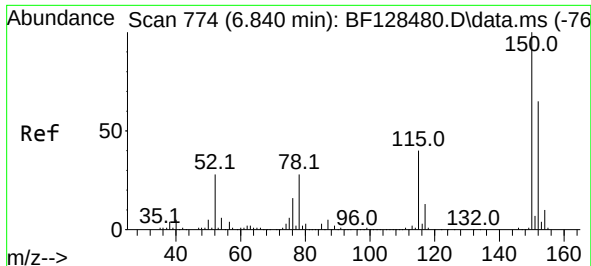
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052822\  
Data File : BF128542.D  
Acq On : 28 May 2022 12:02  
Operator : CG\JU  
Sample : N2934-06  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P025-SS001-2430-01

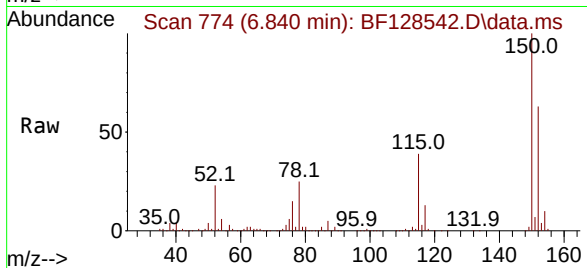
Quant Time: May 28 22:41:45 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 27 01:51:59 2022  
Response via : Initial Calibration



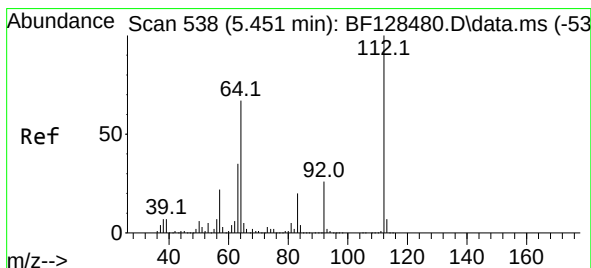
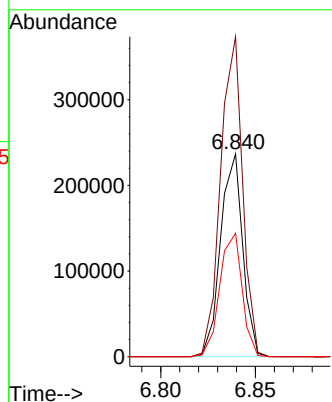
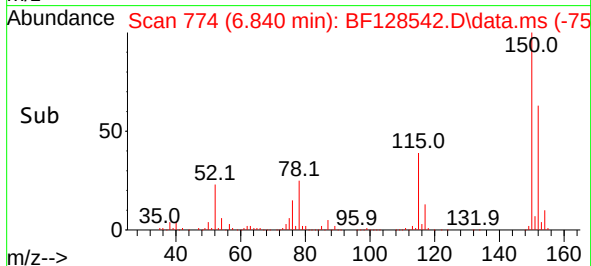


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.840 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF128542.D  
Acq: 28 May 2022 12:02

Instrument :  
BNA\_F  
ClientSampleId :  
P025-SS001-2430-01

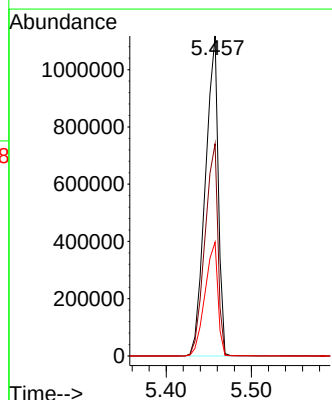
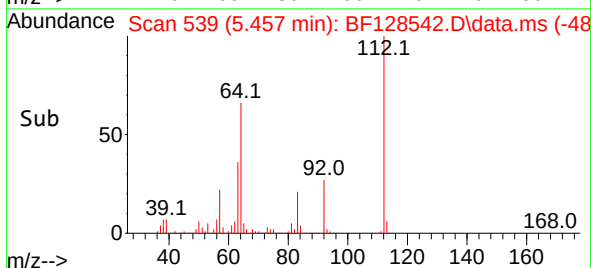
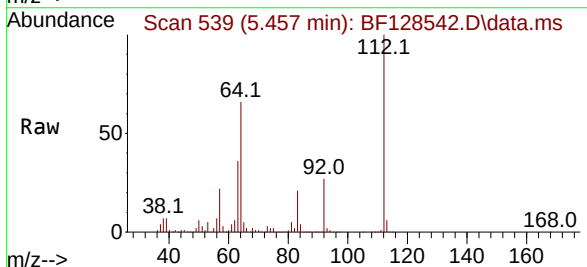


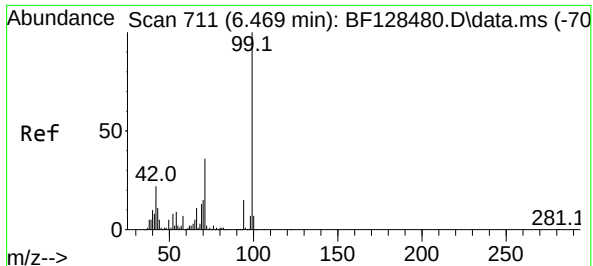
Tgt Ion:152 Resp: 192570  
Ion Ratio Lower Upper  
152 100  
150 157.8 123.7 185.5  
115 60.9 49.9 74.9



#5  
2-Fluorophenol  
Concen: 101.034 ng  
RT: 5.457 min Scan# 539  
Delta R.T. 0.006 min  
Lab File: BF128542.D  
Acq: 28 May 2022 12:02

Tgt Ion:112 Resp: 1174598  
Ion Ratio Lower Upper  
112 100  
64 66.3 53.3 79.9  
63 35.5 28.0 42.0

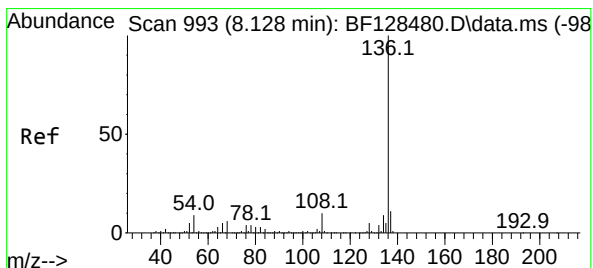
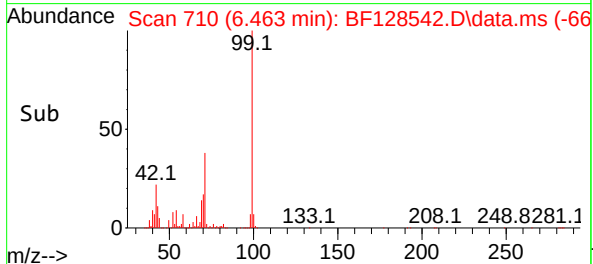
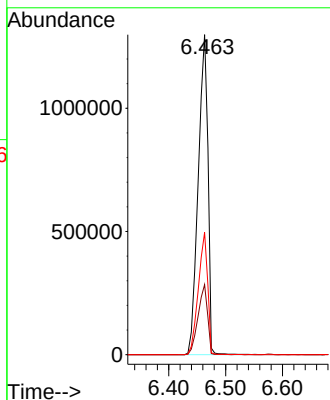
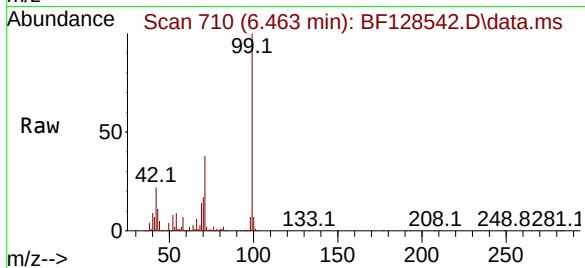




#7  
Phenol-d6  
Concen: 104.217 ng  
RT: 6.463 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BF128542.D  
Acq: 28 May 2022 12:02

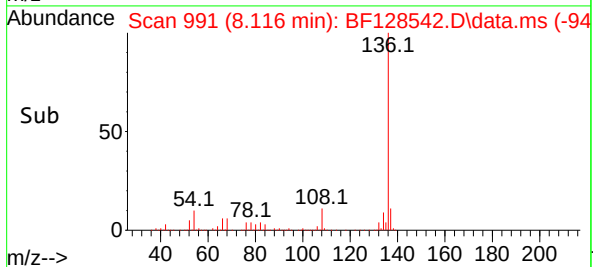
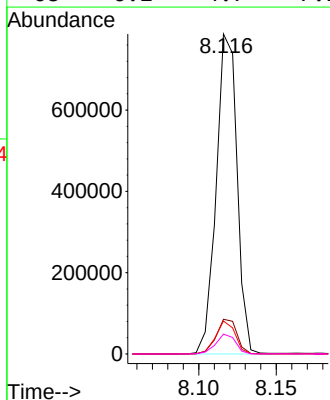
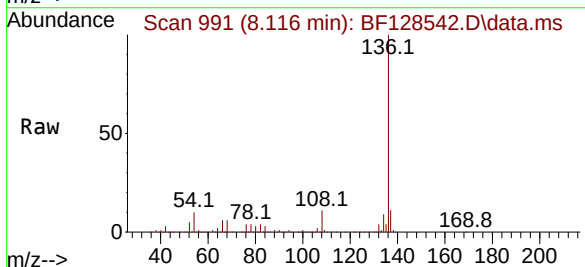
Instrument :  
BNA\_F  
ClientSampleId :  
P025-SS001-2430-01

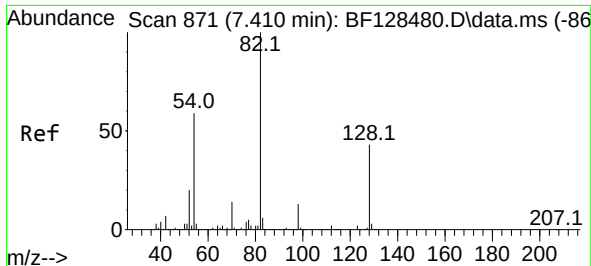
Tgt Ion: 99 Resp: 1544832  
Ion Ratio Lower Upper  
99 100  
42 21.9 17.3 25.9  
71 38.2 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 991  
Delta R.T. -0.012 min  
Lab File: BF128542.D  
Acq: 28 May 2022 12:02

Tgt Ion:136 Resp: 737376  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 10.3 7.5 11.3  
68 6.2 4.7 7.1

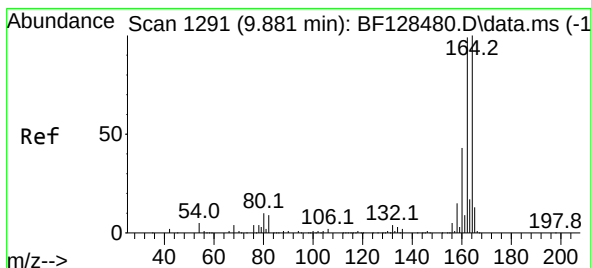
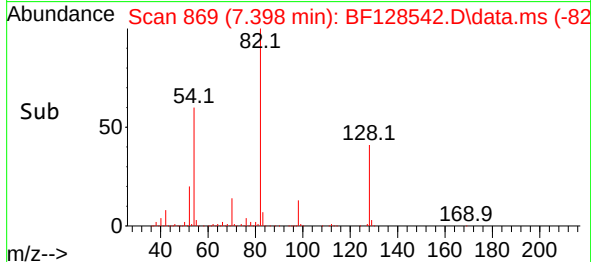
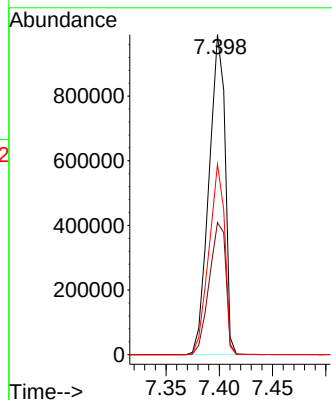
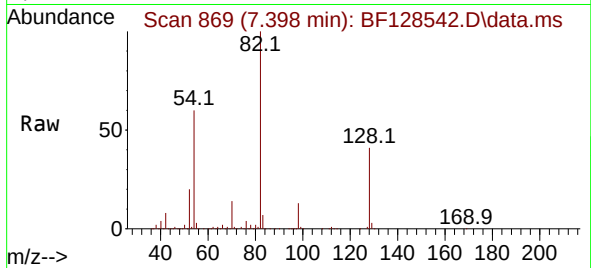




#23  
Nitrobenzene-d5  
Concen: 81.593 ng  
RT: 7.398 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF128542.D  
Acq: 28 May 2022 12:02

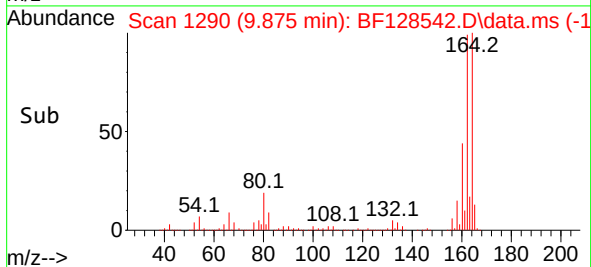
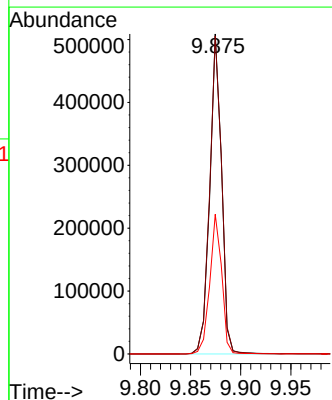
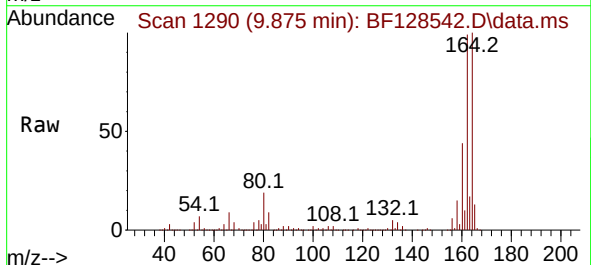
Instrument :  
BNA\_F  
ClientSampleId :  
P025-SS001-2430-01

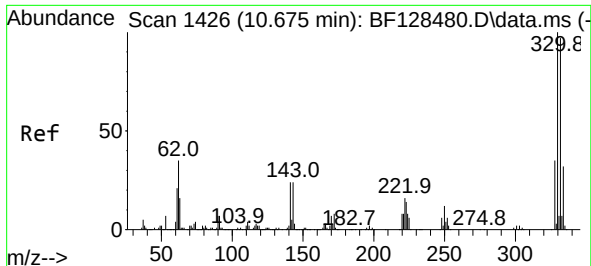
Tgt Ion: 82 Resp: 1042934  
Ion Ratio Lower Upper  
82 100  
128 41.3 34.0 51.0  
54 59.5 46.9 70.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.875 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BF128542.D  
Acq: 28 May 2022 12:02

Tgt Ion: 164 Resp: 417956  
Ion Ratio Lower Upper  
164 100  
162 99.4 79.5 119.3  
160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 115.077 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128542.D

Acq: 28 May 2022 12:02

Instrument :

BNA\_F

ClientSampleId :

P025-SS001-2430-01

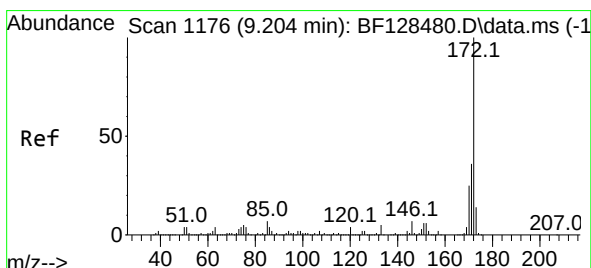
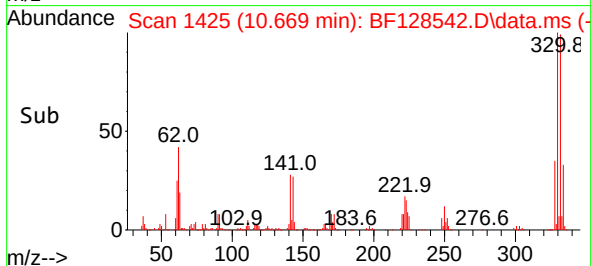
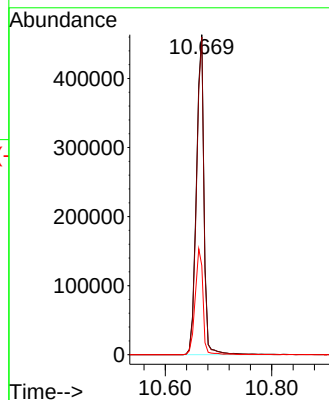
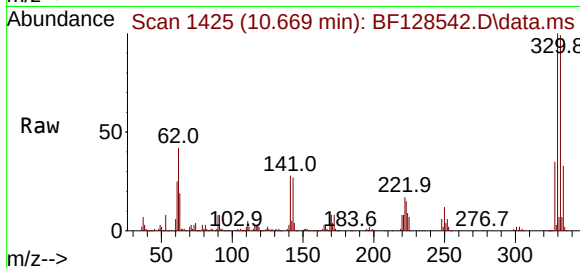
Tgt Ion:330 Resp: 457805

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

141 34.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 72.227 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128542.D

Acq: 28 May 2022 12:02

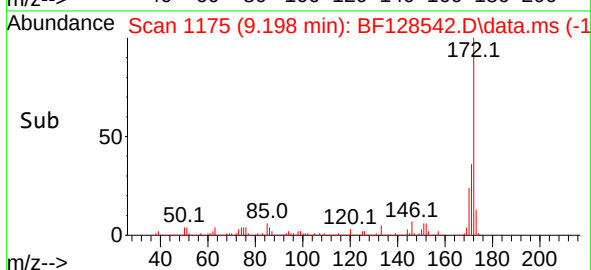
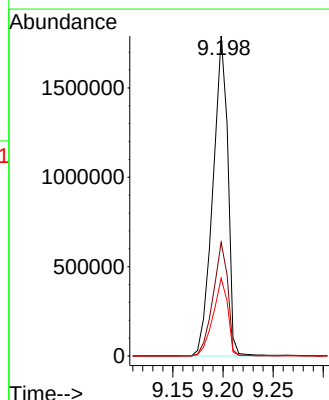
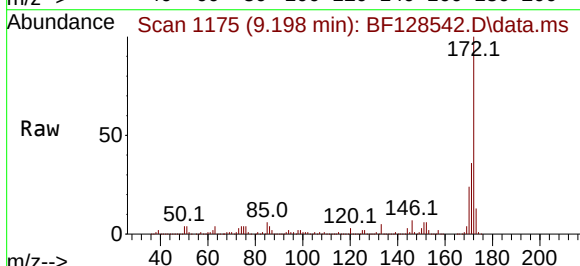
Tgt Ion:172 Resp: 1858103

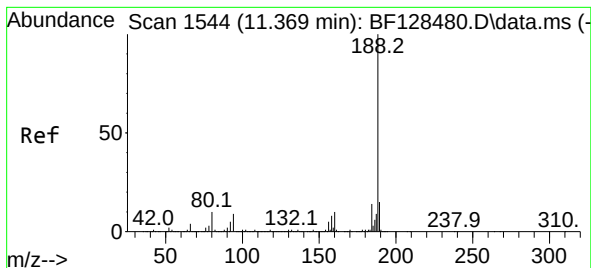
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.3 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128542.D

Acq: 28 May 2022 12:02

Instrument :

BNA\_F

ClientSampleId :

P025-SS001-2430-01

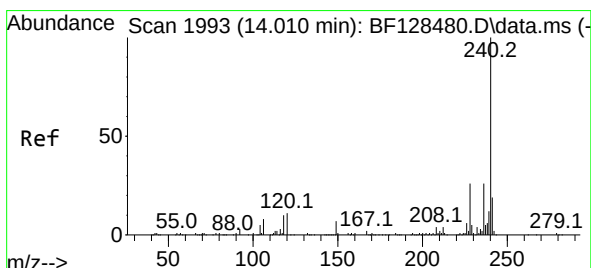
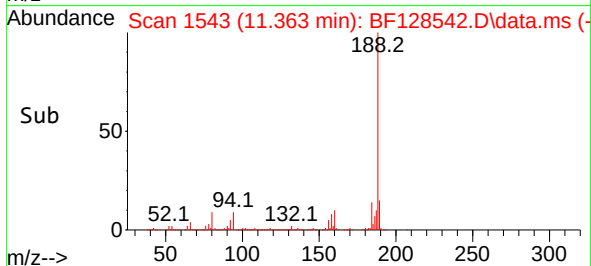
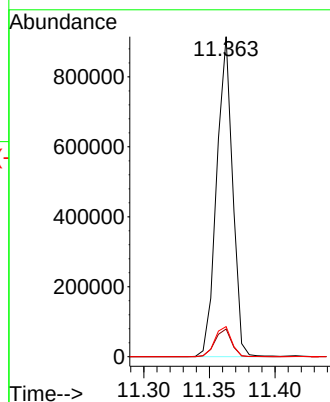
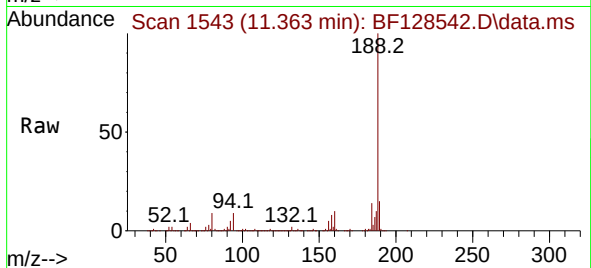
Tgt Ion:188 Resp: 772621

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.4 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF128542.D

Acq: 28 May 2022 12:02

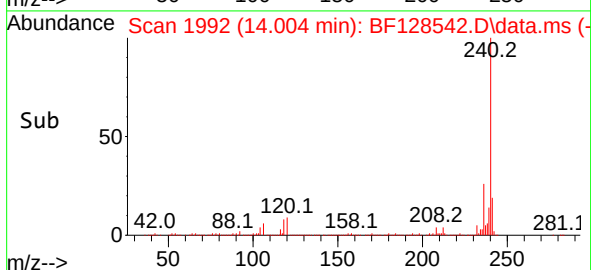
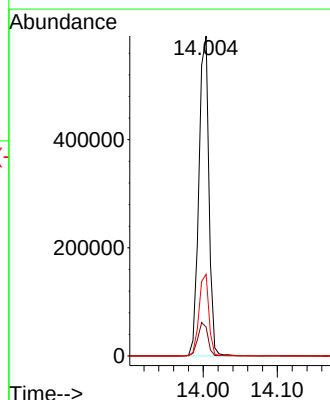
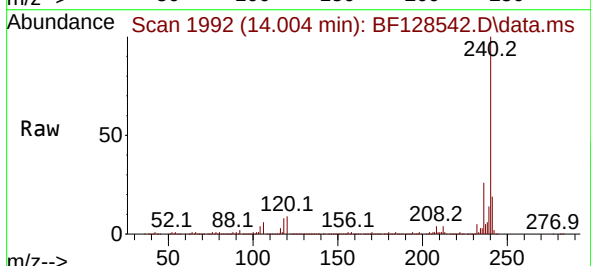
Tgt Ion:240 Resp: 552534

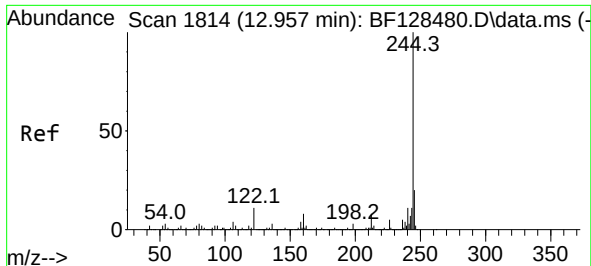
Ion Ratio Lower Upper

240 100

120 9.0 8.9 13.3

236 25.5 20.8 31.2

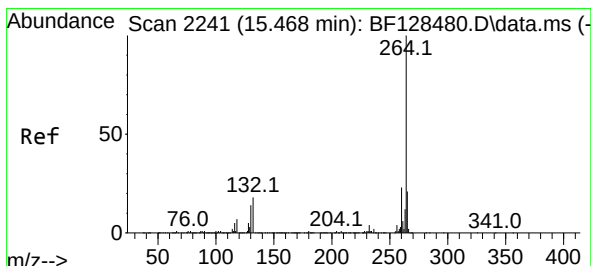
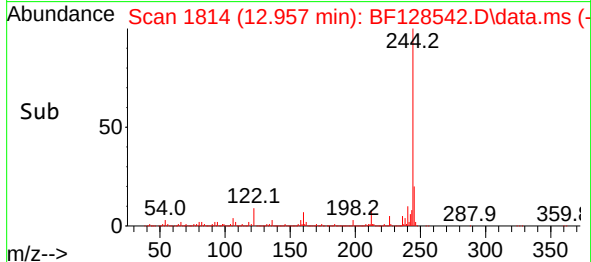
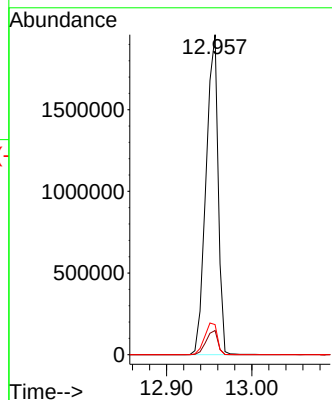
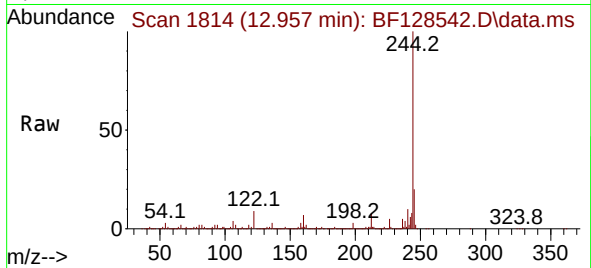




#79  
 Terphenyl-d14  
 Concen: 67.423 ng  
 RT: 12.957 min Scan# 1814  
 Delta R.T. -0.000 min  
 Lab File: BF128542.D  
 Acq: 28 May 2022 12:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P025-SS001-2430-01

Tgt Ion:244 Resp: 1928272  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.1 9.1  
 122 9.4 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.468 min Scan# 2241  
 Delta R.T. -0.000 min  
 Lab File: BF128542.D  
 Acq: 28 May 2022 12:02

Tgt Ion:264 Resp: 426734  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.4 27.6  
 265 20.6 17.2 25.8

