

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022924\  
 Data File : BP019942.D  
 Acq On : 29 Feb 2024 17:58  
 Operator : MA/JU  
 Sample : P1620-21  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SP-3

Quant Time: Mar 01 03:42:40 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 29 12:18:35 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.892  | 152  | 76788    | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.698 | 136  | 291692   | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.539 | 164  | 207382   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.304 | 188  | 481672   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 21.403 | 240  | 482886   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 23.833 | 264  | 489655   | 20.000 | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.463  | 112  | 326943   | 69.885 | ng    | -0.02    |
| 7) Phenol-d6                | 7.069  | 99   | 439692   | 63.126 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.069  | 82   | 308529   | 42.702 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.039 | 330  | 263350   | 74.060 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.163 | 172  | 723521   | 47.138 | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.874 | 244  | 1419108  | 46.320 | ng    | -0.02    |

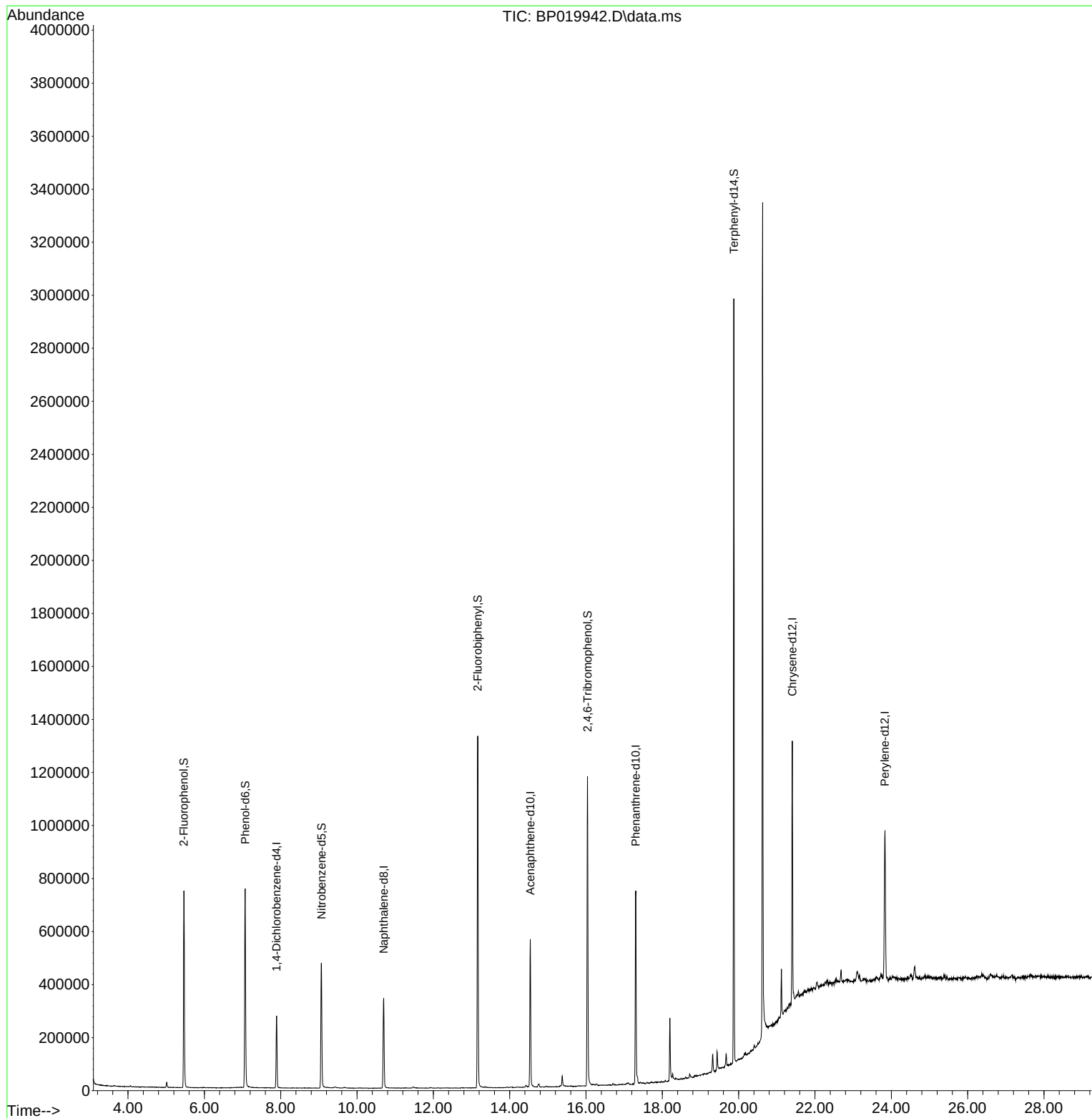
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

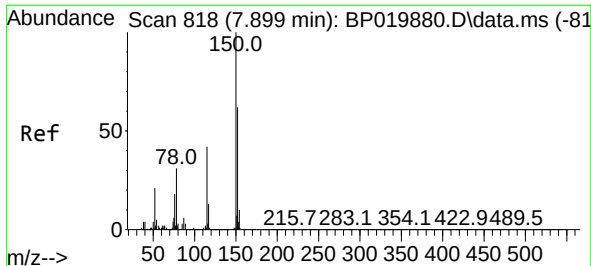
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 29 12:18:35 2024  
Response via : Initial Calibration

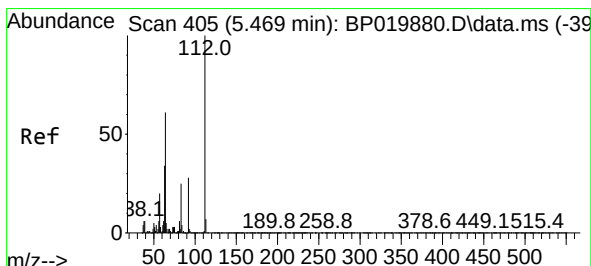
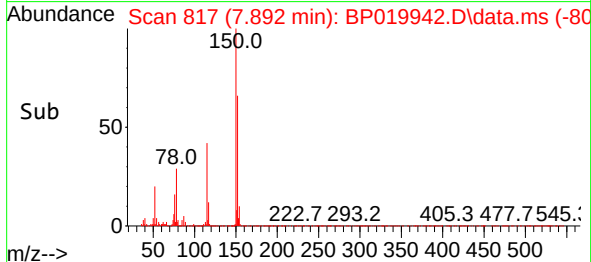
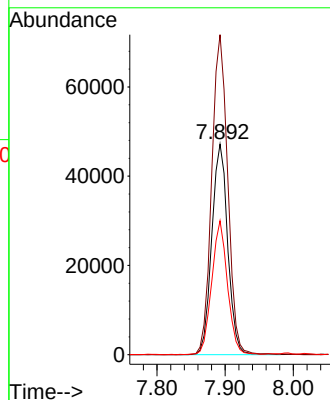
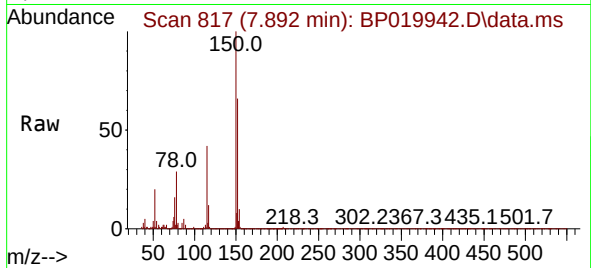




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.892 min Scan# 818  
Delta R.T. -0.018 min  
Lab File: BP019942.D  
Acq: 29 Feb 2024 17:58

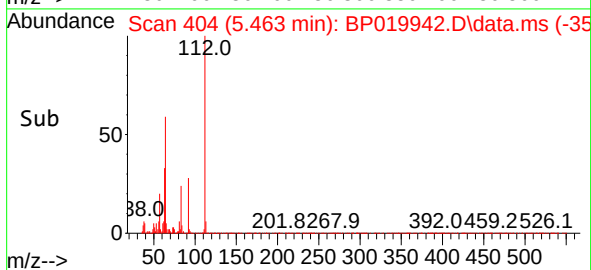
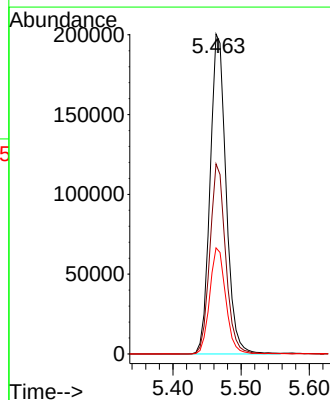
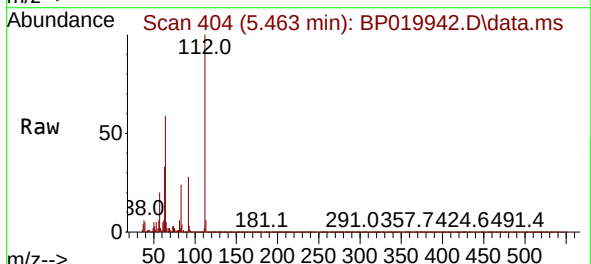
Instrument :  
BNA\_P  
ClientSampleId :  
SP-3

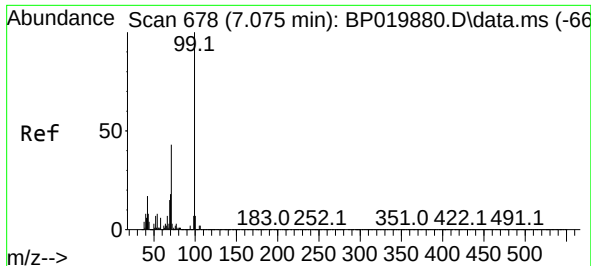
Tgt Ion:152 Resp: 76788  
Ion Ratio Lower Upper  
152 100  
150 152.0 128.6 192.8  
115 63.6 53.4 80.2



#5  
2-Fluorophenol  
Concen: 69.885 ng  
RT: 5.463 min Scan# 404  
Delta R.T. -0.018 min  
Lab File: BP019942.D  
Acq: 29 Feb 2024 17:58

Tgt Ion:112 Resp: 326943  
Ion Ratio Lower Upper  
112 100  
64 59.4 49.0 73.6  
63 33.1 27.6 41.4

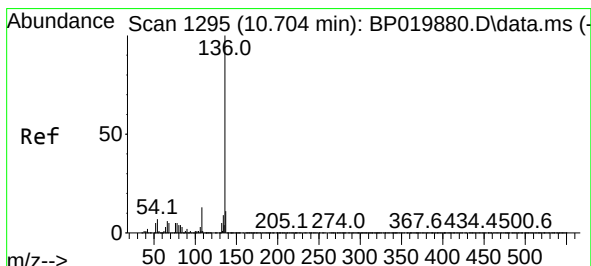
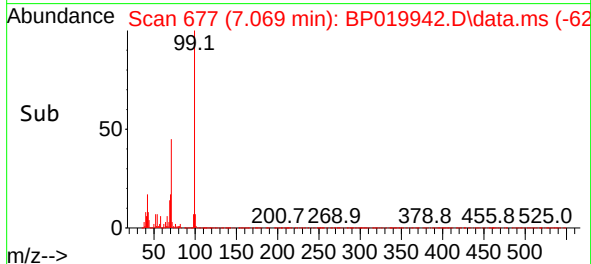
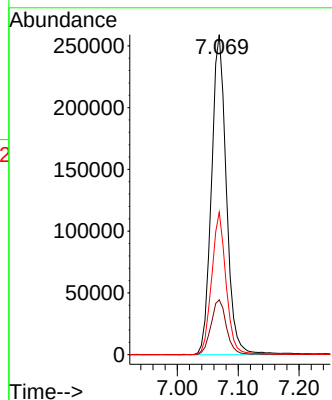
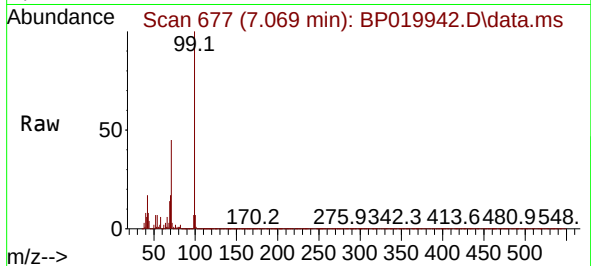




#7  
Phenol-d6  
Concen: 63.126 ng  
RT: 7.069 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BP019942.D  
Acq: 29 Feb 2024 17:58

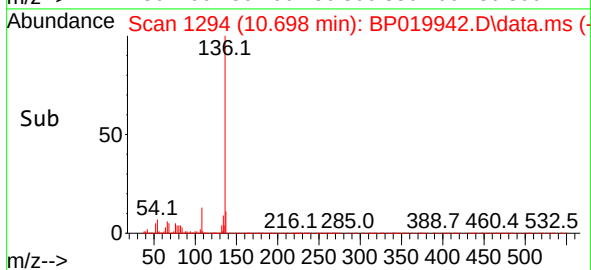
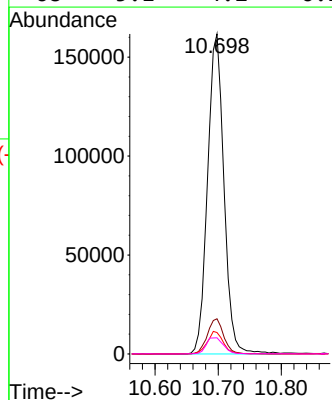
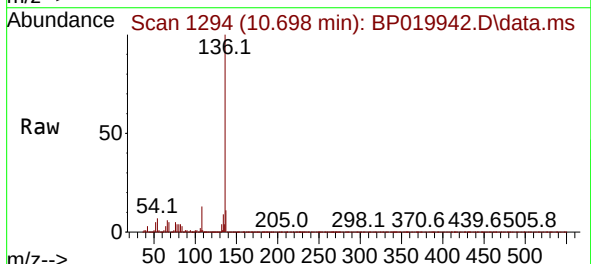
Instrument :  
BNA\_P  
ClientSampleId :  
SP-3

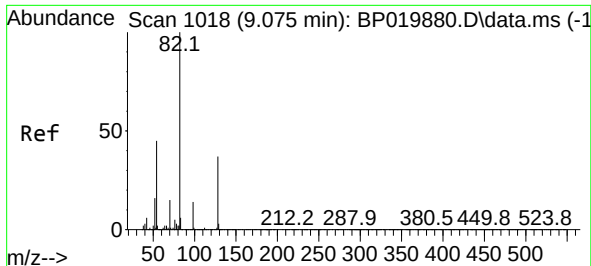
Tgt Ion: 99 Resp: 439692  
Ion Ratio Lower Upper  
99 100  
42 17.2 13.8 20.8  
71 44.6 34.5 51.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.698 min Scan# 1294  
Delta R.T. -0.018 min  
Lab File: BP019942.D  
Acq: 29 Feb 2024 17:58

Tgt Ion: 136 Resp: 291692  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 6.7 6.0 9.0  
68 5.1 4.2 6.2

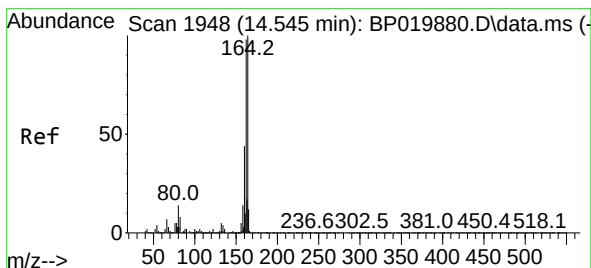
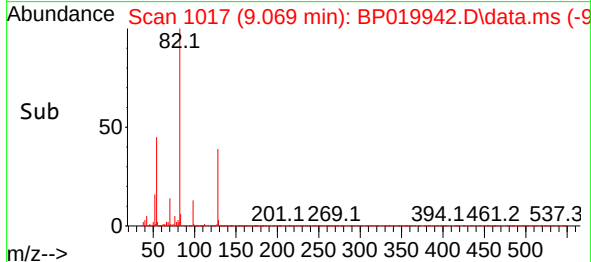
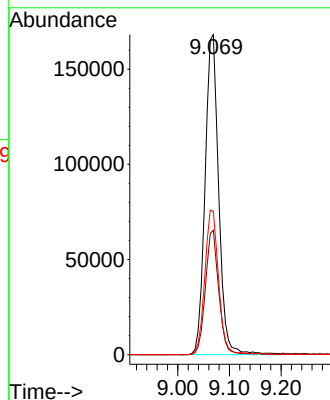
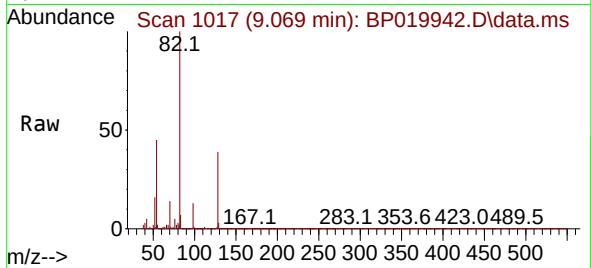




#23  
Nitrobenzene-d5  
Concen: 42.702 ng  
RT: 9.069 min Scan# 1018  
Delta R.T. -0.018 min  
Lab File: BP019942.D  
Acq: 29 Feb 2024 17:58

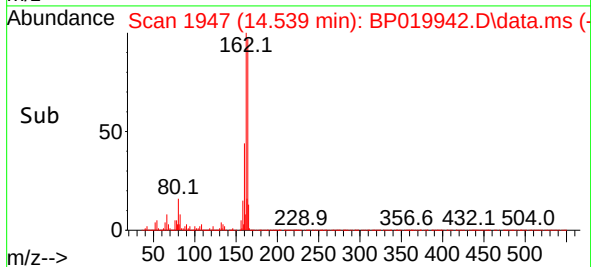
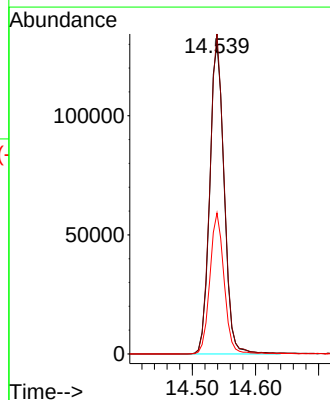
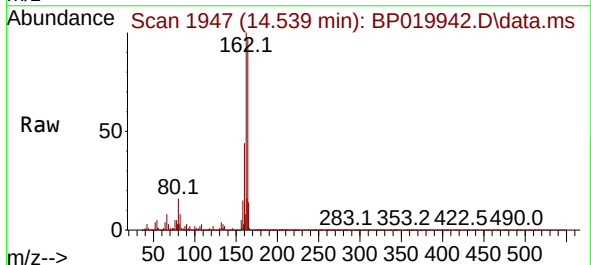
Instrument :  
BNA\_P  
ClientSampleId :  
SP-3

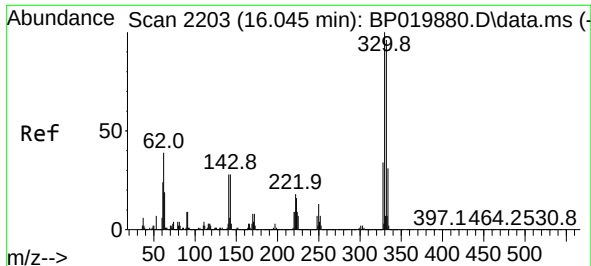
Tgt Ion: 82 Resp: 308529  
Ion Ratio Lower Upper  
82 100  
128 38.9 29.6 44.4  
54 44.9 36.3 54.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.539 min Scan# 1947  
Delta R.T. -0.018 min  
Lab File: BP019942.D  
Acq: 29 Feb 2024 17:58

Tgt Ion: 164 Resp: 207382  
Ion Ratio Lower Upper  
164 100  
162 103.2 78.1 117.1  
160 45.4 35.3 52.9

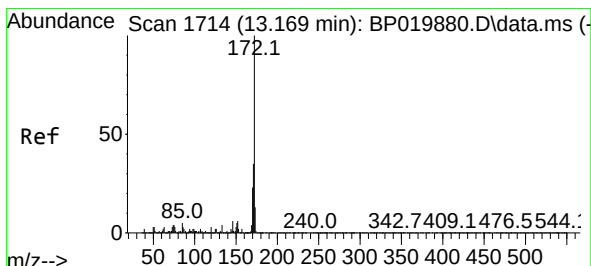
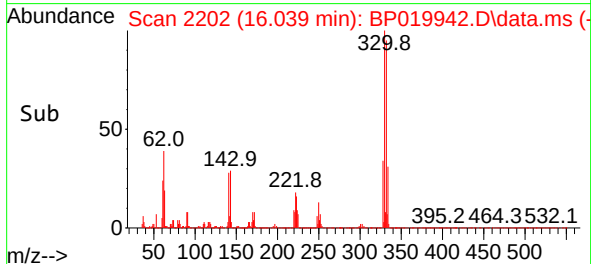
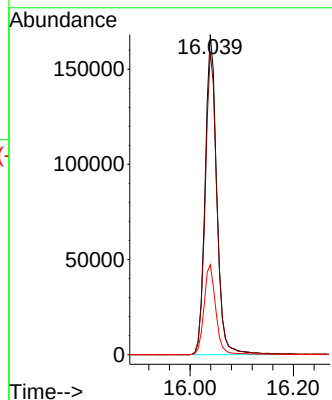
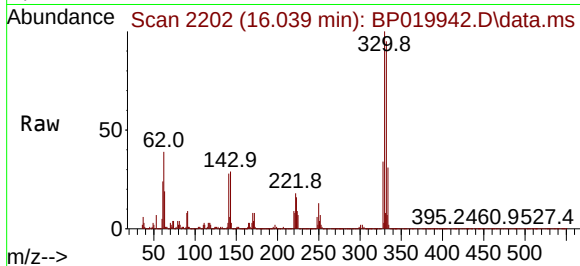




#42  
2,4,6-Tribromophenol  
Concen: 74.060 ng  
RT: 16.039 min Scan# 21  
Delta R.T. -0.024 min  
Lab File: BP019942.D  
Acq: 29 Feb 2024 17:58

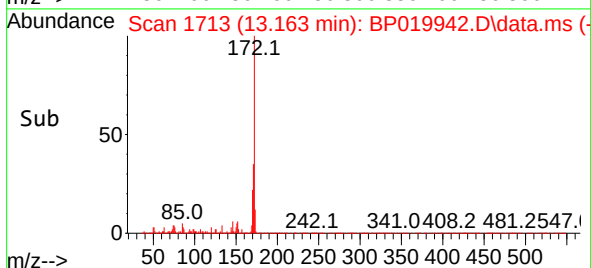
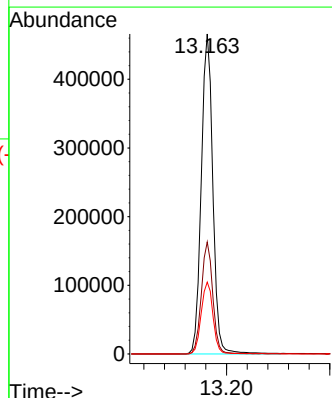
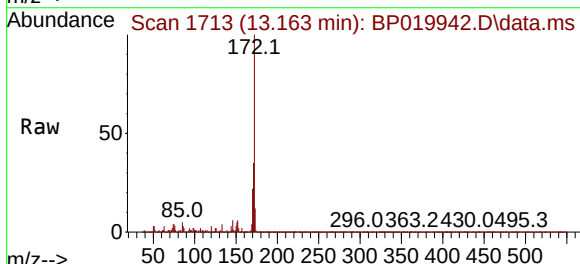
Instrument :  
BNA\_P  
ClientSampleId :  
SP-3

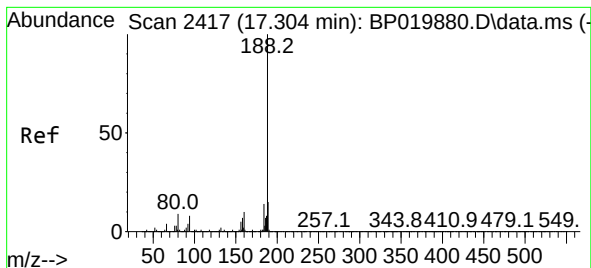
Tgt Ion:330 Resp: 263350  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.4 116.2  
141 28.5 24.6 37.0



#45  
2-Fluorobiphenyl  
Concen: 47.138 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. -0.018 min  
Lab File: BP019942.D  
Acq: 29 Feb 2024 17:58

Tgt Ion:172 Resp: 723521  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.8 41.6  
170 22.5 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.018 min

Lab File: BP019942.D

Acq: 29 Feb 2024 17:58

Instrument :

BNA\_P

ClientSampleId :

SP-3

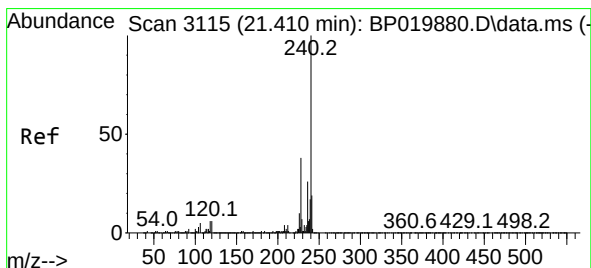
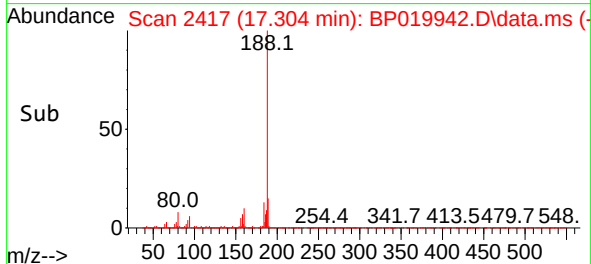
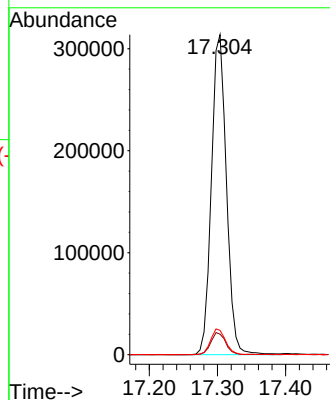
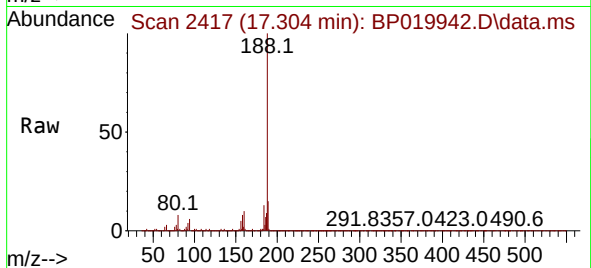
Tgt Ion:188 Resp: 481672

Ion Ratio Lower Upper

188 100

94 6.4 6.2 9.4

80 7.6 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3114

Delta R.T. -0.024 min

Lab File: BP019942.D

Acq: 29 Feb 2024 17:58

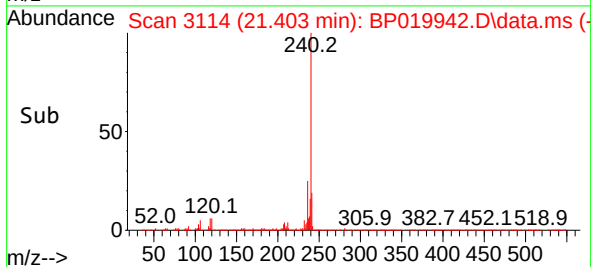
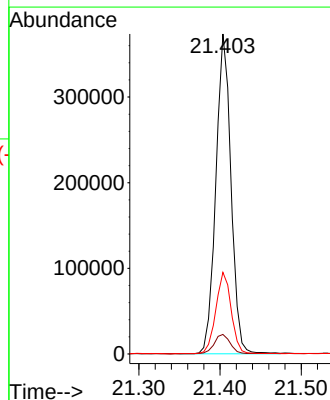
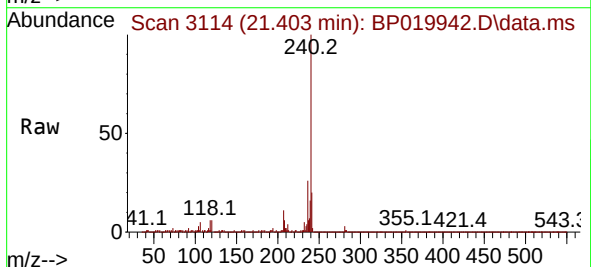
Tgt Ion:240 Resp: 482886

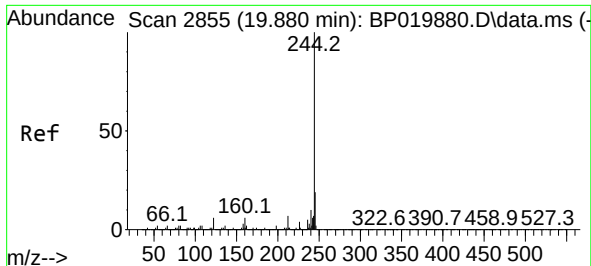
Ion Ratio Lower Upper

240 100

120 6.1 5.1 7.7

236 25.5 20.5 30.7

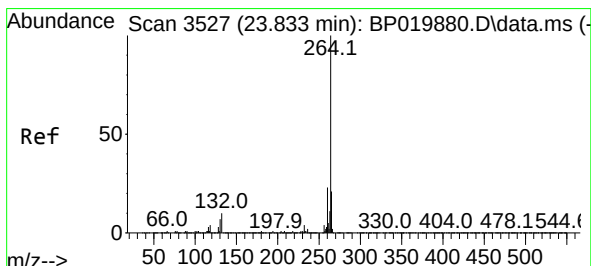
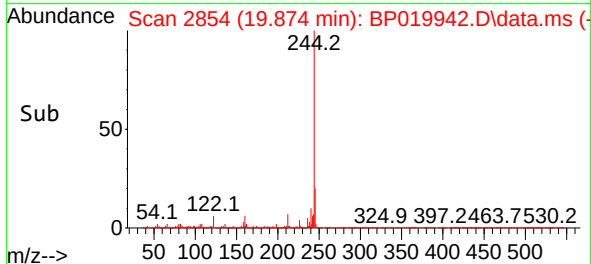
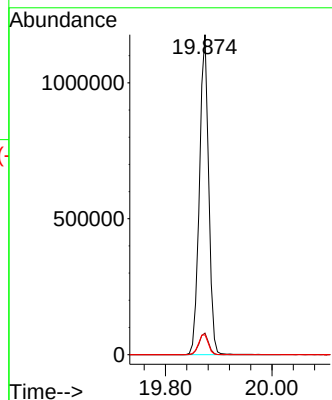
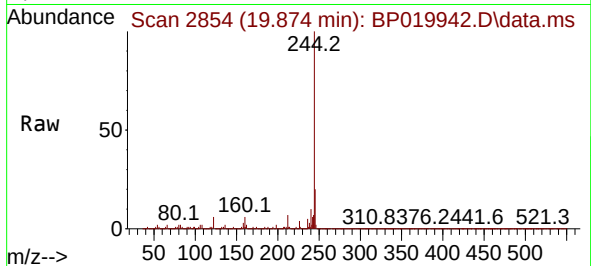




#79  
 Terphenyl-d14  
 Concen: 46.320 ng  
 RT: 19.874 min Scan# 2854  
 Delta R.T. -0.018 min  
 Lab File: BP019942.D  
 Acq: 29 Feb 2024 17:58

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SP-3

Tgt Ion:244 Resp: 1419108  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.8 8.8  
 122 6.2 5.0 7.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.833 min Scan# 3527  
 Delta R.T. -0.036 min  
 Lab File: BP019942.D  
 Acq: 29 Feb 2024 17:58

Tgt Ion:264 Resp: 489655  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.7 28.1  
 265 23.5 17.4 26.2

