

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102423\  
 Data File : BM042426.D  
 Acq On : 24 Oct 2023 19:06  
 Operator : MA/JU  
 Sample : 04977-07  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 NB-406-COMP-02

Quant Time: Oct 24 19:39:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM102123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 21 02:32:53 2023  
 Response via : Initial Calibration

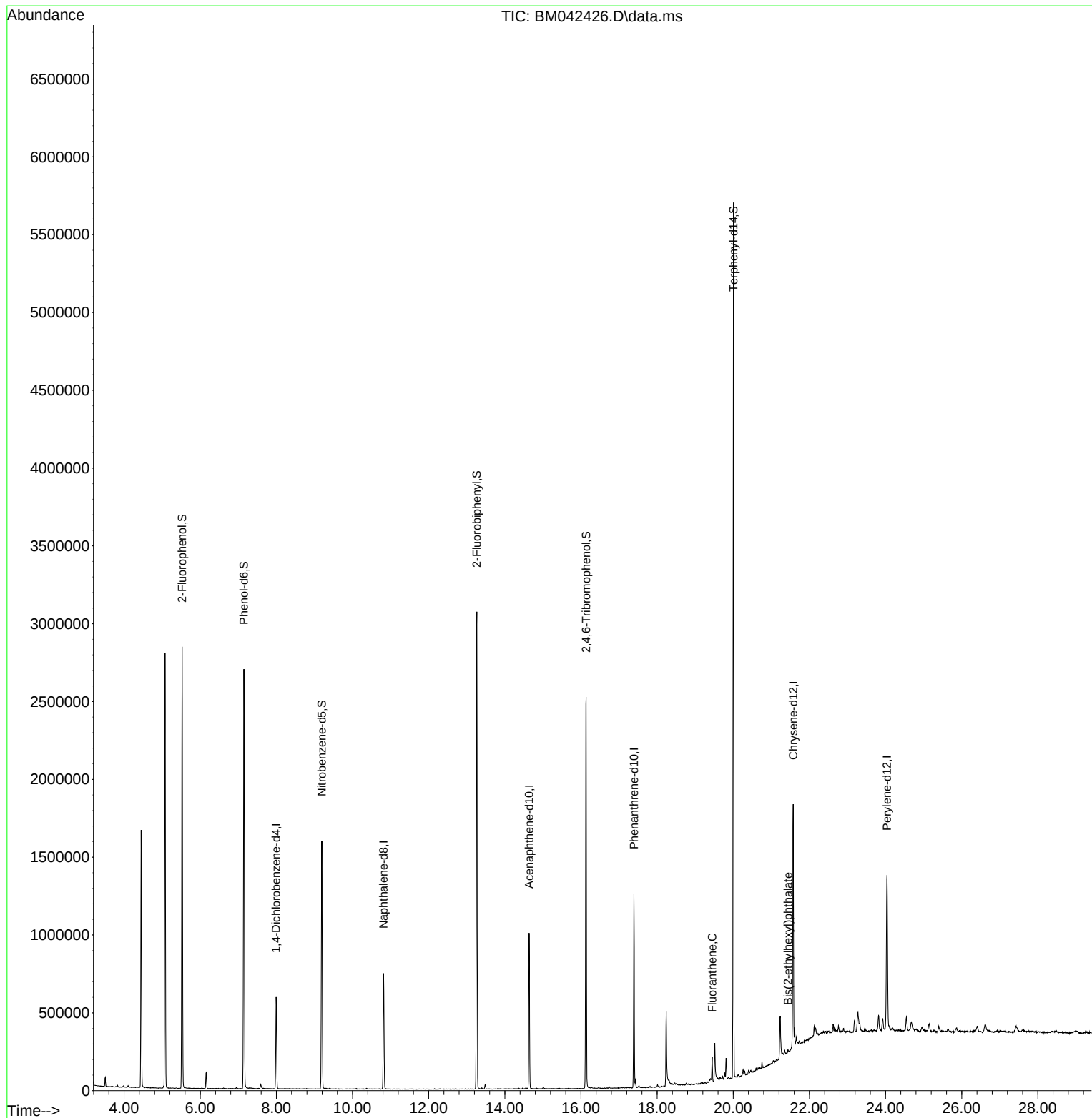
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.992  | 152  | 145607   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.816 | 136  | 571957   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.639 | 164  | 319553   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.392 | 188  | 676550   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.574 | 240  | 677417   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.038 | 264  | 768348   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 1082468  | 105.068 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.145  | 99   | 1404430  | 101.721 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.192  | 82   | 869094   | 67.192  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.133 | 330  | 412996   | 117.950 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.263 | 172  | 1532210  | 64.568  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.003 | 244  | 2403479  | 62.924  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 75) Fluoranthene              | 19.445 | 202  | 84972    | 2.096   | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.439 | 149  | 6022     | 3.552   | ng    | # 98     |
| -----                         |        |      |          |         |       |          |

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

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ALS Vial : 15 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM102123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 21 02:32:53 2023  
Response via : Initial Calibration

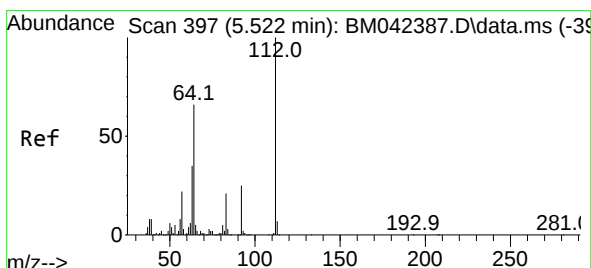
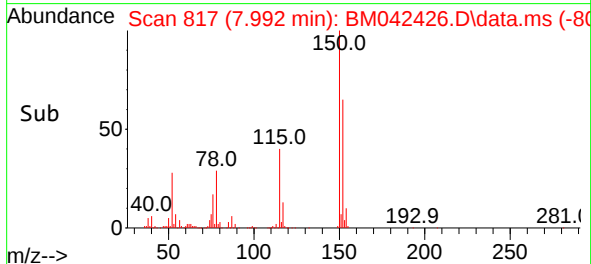
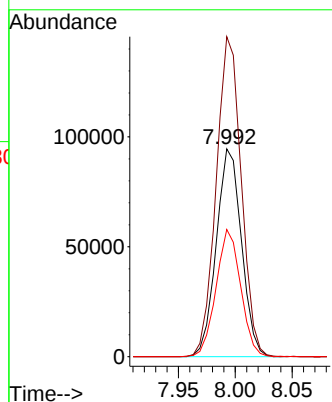
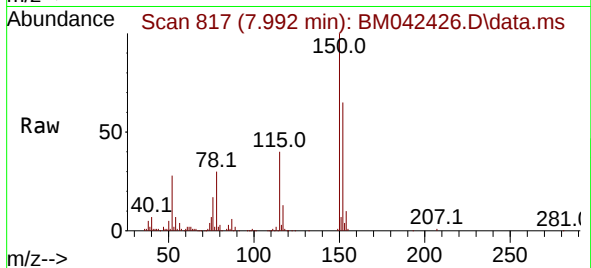




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.992 min Scan# 818  
Delta R.T. -0.006 min  
Lab File: BM042426.D  
Acq: 24 Oct 2023 19:06

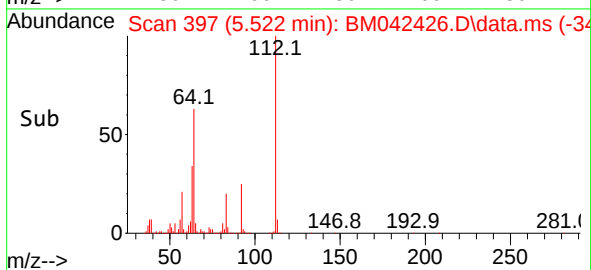
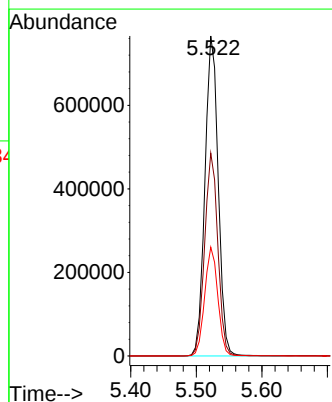
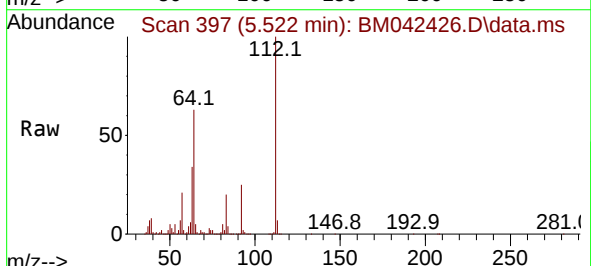
Instrument :  
BNA\_M  
ClientSampleId :  
NB-406-COMP-02

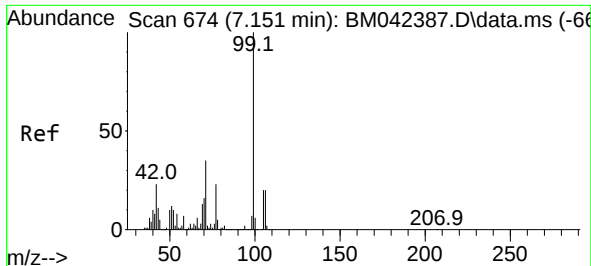
Tgt Ion:152 Resp: 145607  
Ion Ratio Lower Upper  
152 100  
150 154.0 126.2 189.4  
115 61.2 51.9 77.9



#5  
2-Fluorophenol  
Concen: 105.068 ng  
RT: 5.522 min Scan# 397  
Delta R.T. -0.000 min  
Lab File: BM042426.D  
Acq: 24 Oct 2023 19:06

Tgt Ion:112 Resp: 1082468  
Ion Ratio Lower Upper  
112 100  
64 63.4 52.7 79.1  
63 34.0 28.3 42.5

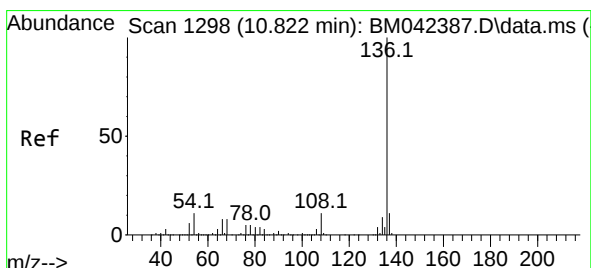
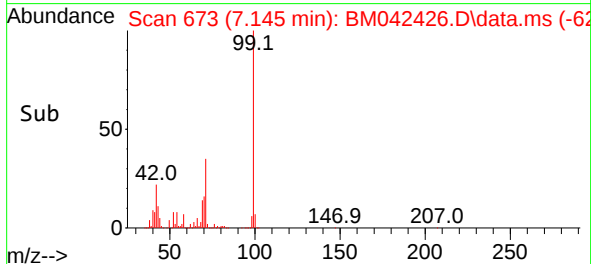
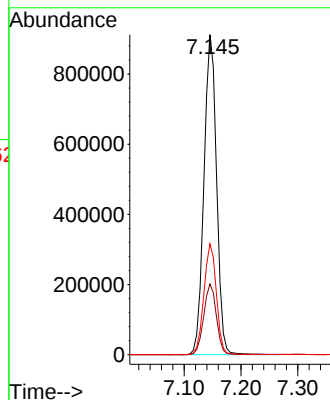
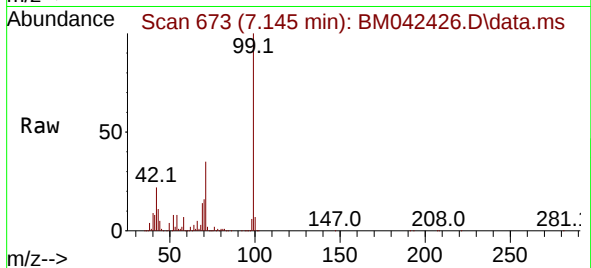




#7  
Phenol-d6  
Concen: 101.721 ng  
RT: 7.145 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM042426.D  
Acq: 24 Oct 2023 19:06

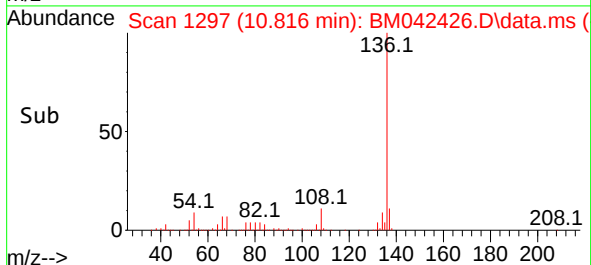
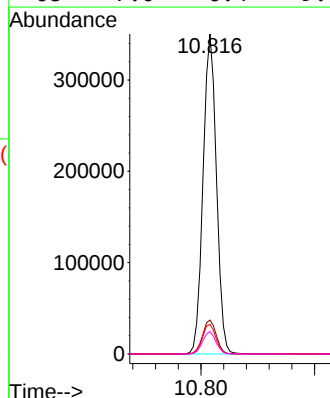
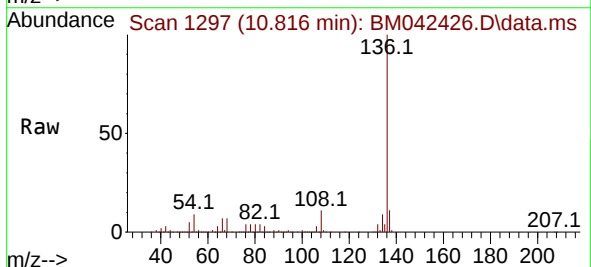
Instrument :  
BNA\_M  
ClientSampleId :  
NB-406-COMP-02

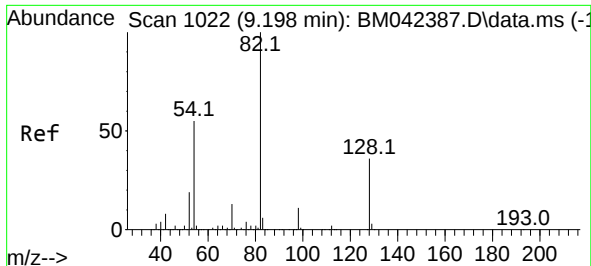
Tgt Ion: 99 Resp: 1404430  
Ion Ratio Lower Upper  
99 100  
42 22.1 18.5 27.7  
71 34.6 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.816 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BM042426.D  
Acq: 24 Oct 2023 19:06

Tgt Ion: 136 Resp: 571957  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.5 12.7  
54 9.3 8.6 12.8  
68 7.0 6.4 9.6

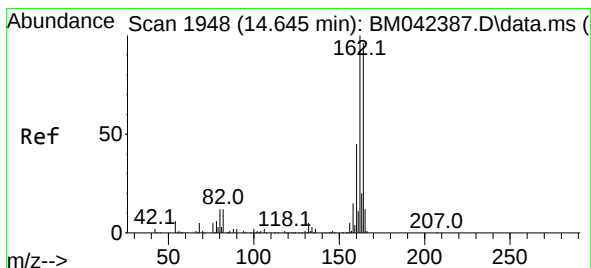
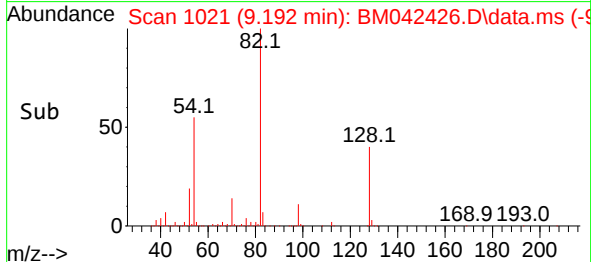
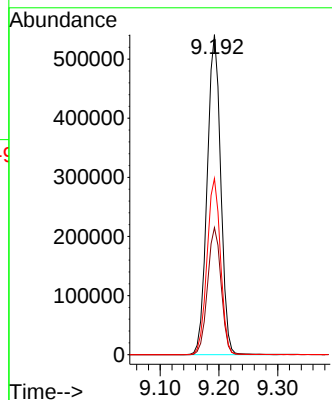
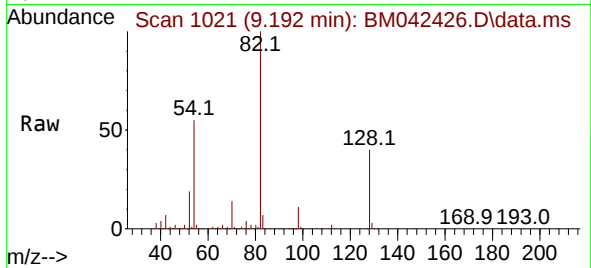




#23  
Nitrobenzene-d5  
Concen: 67.192 ng  
RT: 9.192 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BM042426.D  
Acq: 24 Oct 2023 19:06

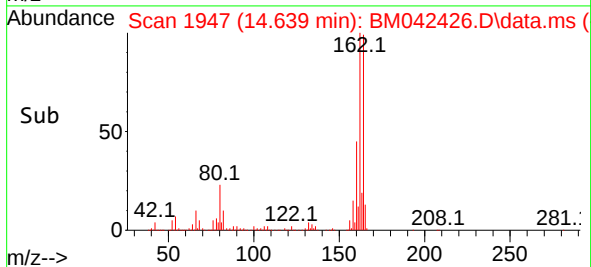
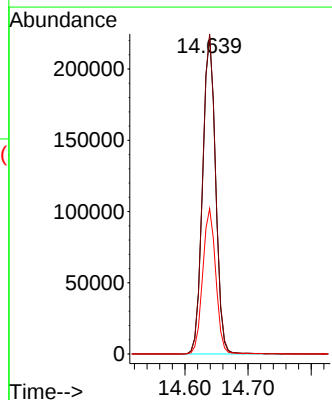
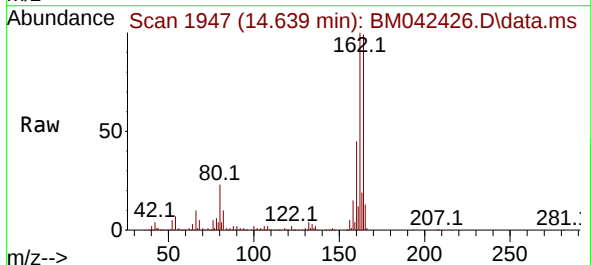
Instrument :  
BNA\_M  
ClientSampleId :  
NB-406-COMP-02

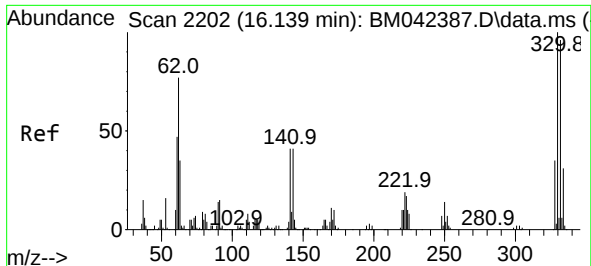
Tgt Ion: 82 Resp: 869094  
Ion Ratio Lower Upper  
82 100  
128 39.7 29.0 43.6  
54 55.0 43.7 65.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.639 min Scan# 1947  
Delta R.T. -0.006 min  
Lab File: BM042426.D  
Acq: 24 Oct 2023 19:06

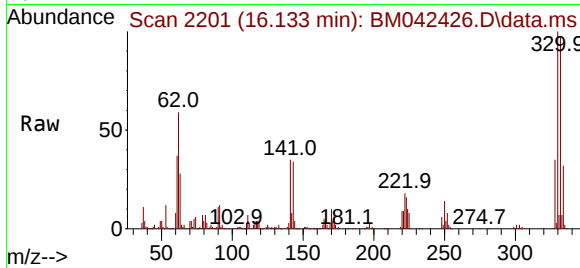
Tgt Ion: 164 Resp: 319553  
Ion Ratio Lower Upper  
164 100  
162 100.7 83.0 124.4  
160 45.7 37.0 55.4



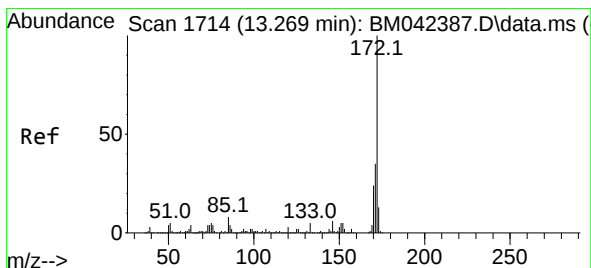
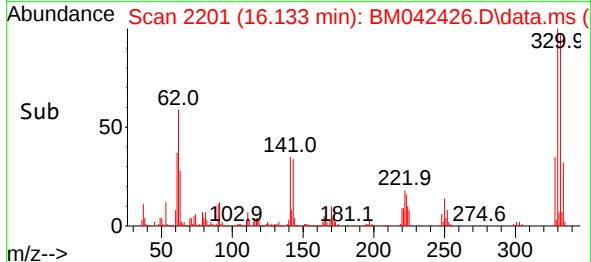
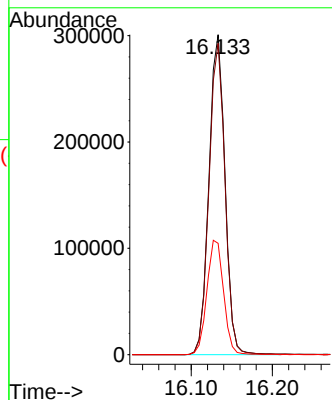


#42  
2,4,6-Tribromophenol  
Concen: 117.950 ng  
RT: 16.133 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM042426.D  
Acq: 24 Oct 2023 19:06

Instrument :  
BNA\_M  
ClientSampleId :  
NB-406-COMP-02

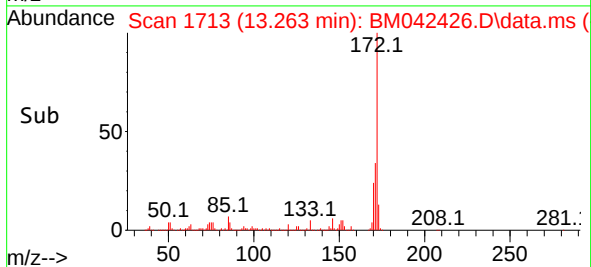
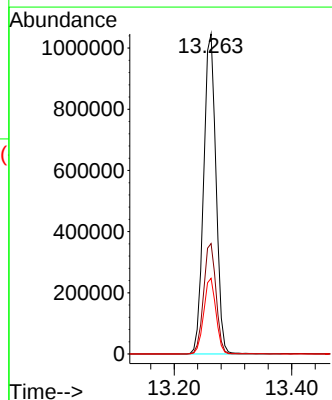
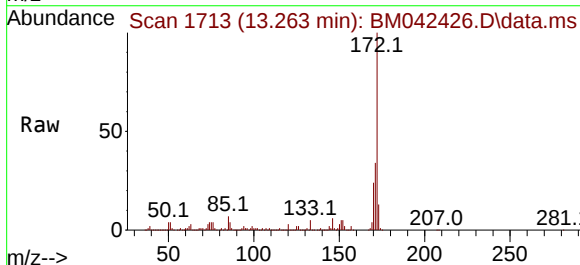


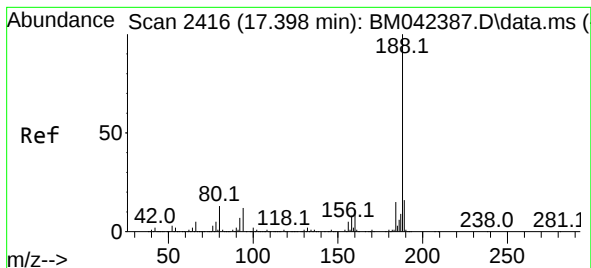
Tgt Ion:330 Resp: 412996  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.6 116.4  
141 37.2 38.0 57.0#



#45  
2-Fluorobiphenyl  
Concen: 64.568 ng  
RT: 13.263 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BM042426.D  
Acq: 24 Oct 2023 19:06

Tgt Ion:172 Resp: 1532210  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.1 42.1  
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM042426.D

Acq: 24 Oct 2023 19:06

Instrument :

BNA\_M

ClientSampleId :

NB-406-COMP-02

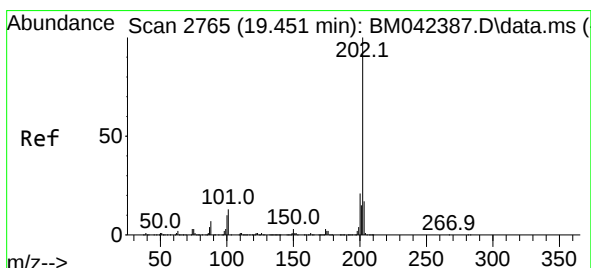
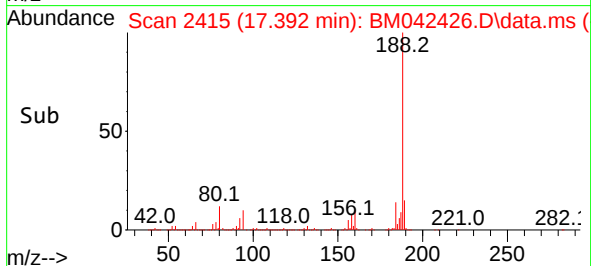
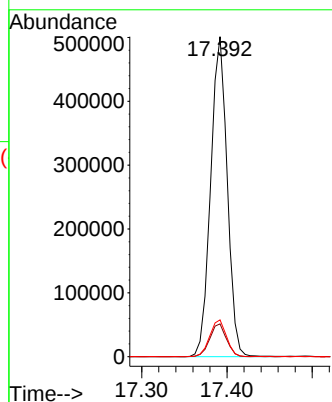
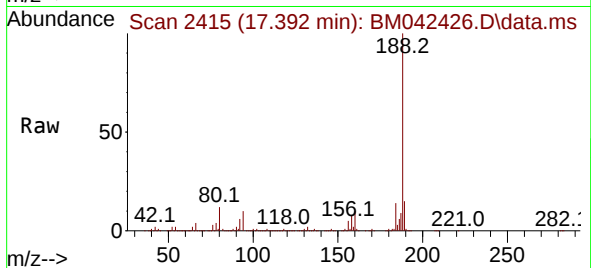
Tgt Ion:188 Resp: 676550

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.0

80 11.5 10.7 16.1



#75

Fluoranthene

Concen: 2.096 ng

RT: 19.445 min Scan# 2764

Delta R.T. -0.006 min

Lab File: BM042426.D

Acq: 24 Oct 2023 19:06

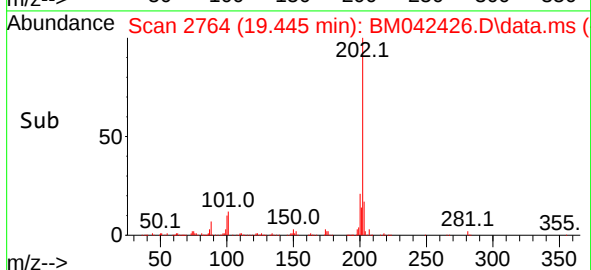
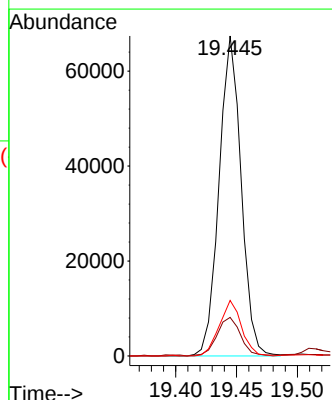
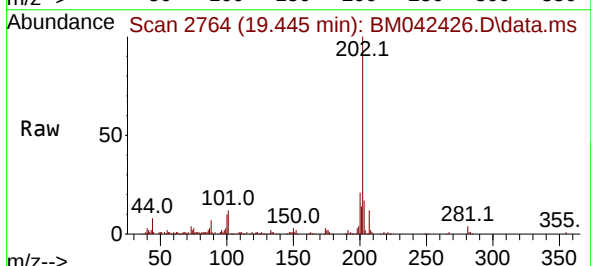
Tgt Ion:202 Resp: 84972

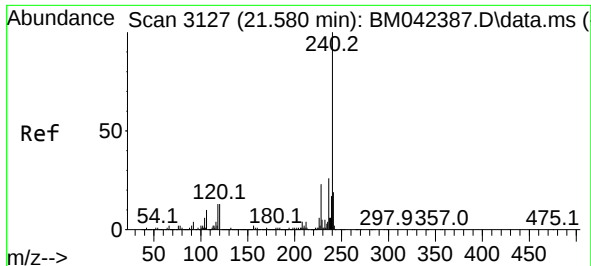
Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.3

203 17.4 0.0 37.5

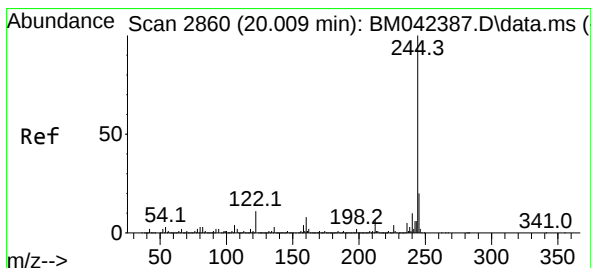
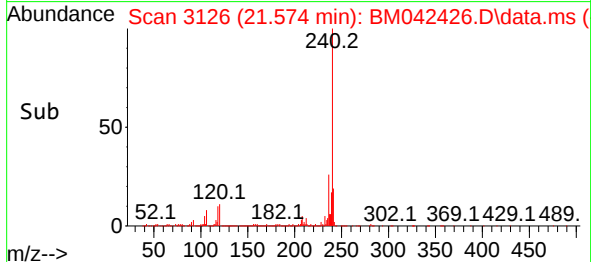
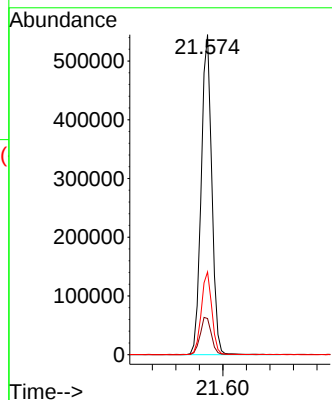
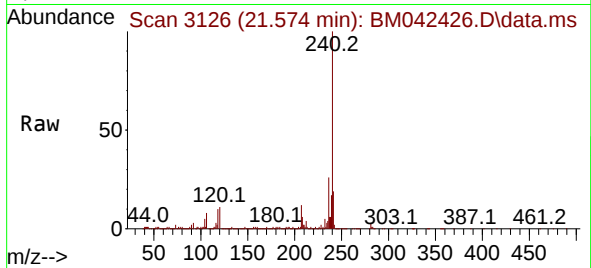




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.574 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM042426.D  
Acq: 24 Oct 2023 19:06

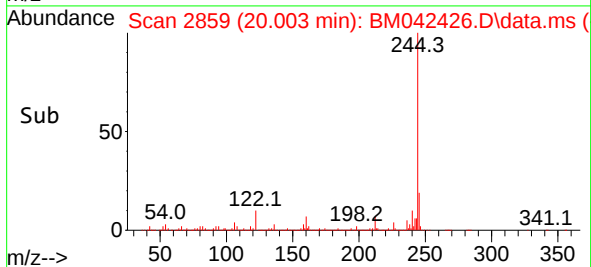
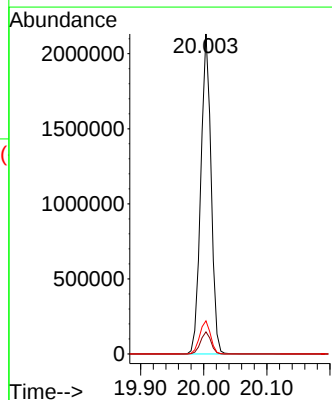
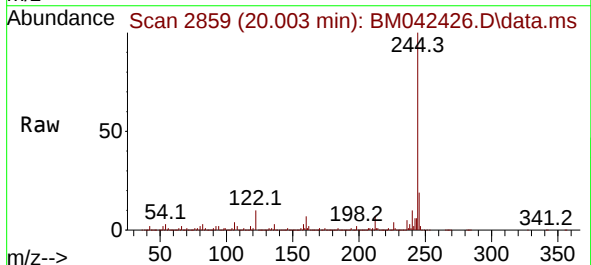
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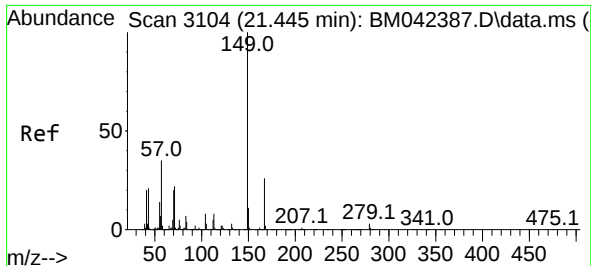
Tgt Ion:240 Resp: 677417  
Ion Ratio Lower Upper  
240 100  
120 11.3 10.7 16.1  
236 25.8 20.7 31.1



#79  
Terphenyl-d14  
Concen: 62.924 ng  
RT: 20.003 min Scan# 2859  
Delta R.T. -0.006 min  
Lab File: BM042426.D  
Acq: 24 Oct 2023 19:06

Tgt Ion:244 Resp: 2403479  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.6 8.4  
122 10.4 8.8 13.2

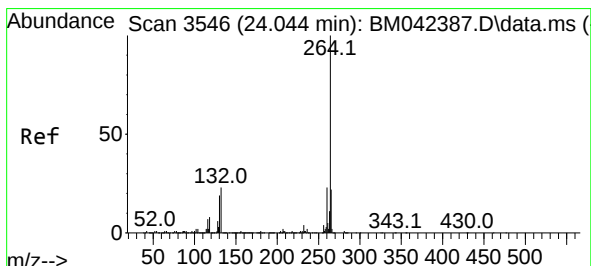
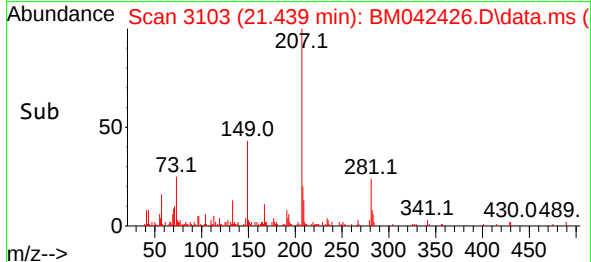
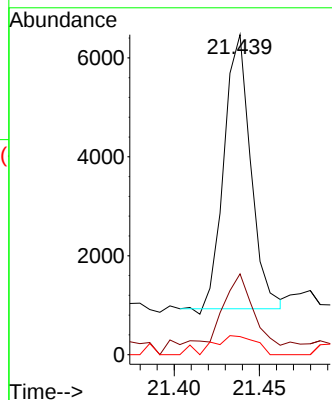
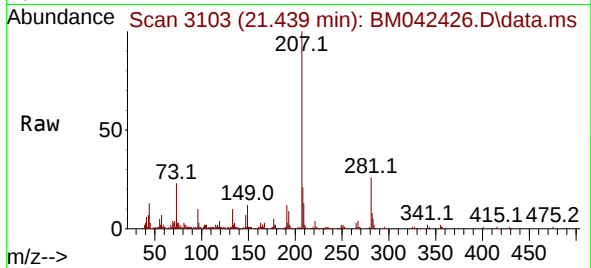




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.552 ng  
RT: 21.439 min Scan# 3104  
Delta R.T. -0.006 min  
Lab File: BM042426.D  
Acq: 24 Oct 2023 19:06

Instrument :  
BNA\_M  
ClientSampleId :  
NB-406-COMP-02

Tgt Ion:149 Resp: 6022  
Ion Ratio Lower Upper  
149 100  
167 25.2 20.9 31.3  
279 5.6 2.7 4.1#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.038 min Scan# 3545  
Delta R.T. -0.006 min  
Lab File: BM042426.D  
Acq: 24 Oct 2023 19:06

Tgt Ion:264 Resp: 768348  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.6 27.8  
265 21.5 17.8 26.8

