

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091824\  
 Data File : BM047555.D  
 Acq On : 18 Sep 2024 14:22  
 Operator : RC/JU  
 Sample : P4087-19  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 NB-614-COMP-04

Quant Time: Sep 18 15:10:04 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM091424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Sep 15 08:56:37 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.845  | 152  | 202265   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.639 | 136  | 768134   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.474 | 164  | 373343   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.209 | 188  | 732053   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.433 | 240  | 641831   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 24.456 | 264  | 722111   | 20.000  | ng    | -0.01    |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.416  | 112  | 1311351  | 103.229 | ng    | 0.00     |
| 7) Phenol-d6                | 7.004  | 99   | 1668626  | 93.272  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.992  | 82   | 1020871  | 66.513  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.951 | 330  | 304036   | 84.251  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.098 | 172  | 1602068  | 59.111  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.827 | 244  | 2381495  | 66.489  | ng    | 0.00     |

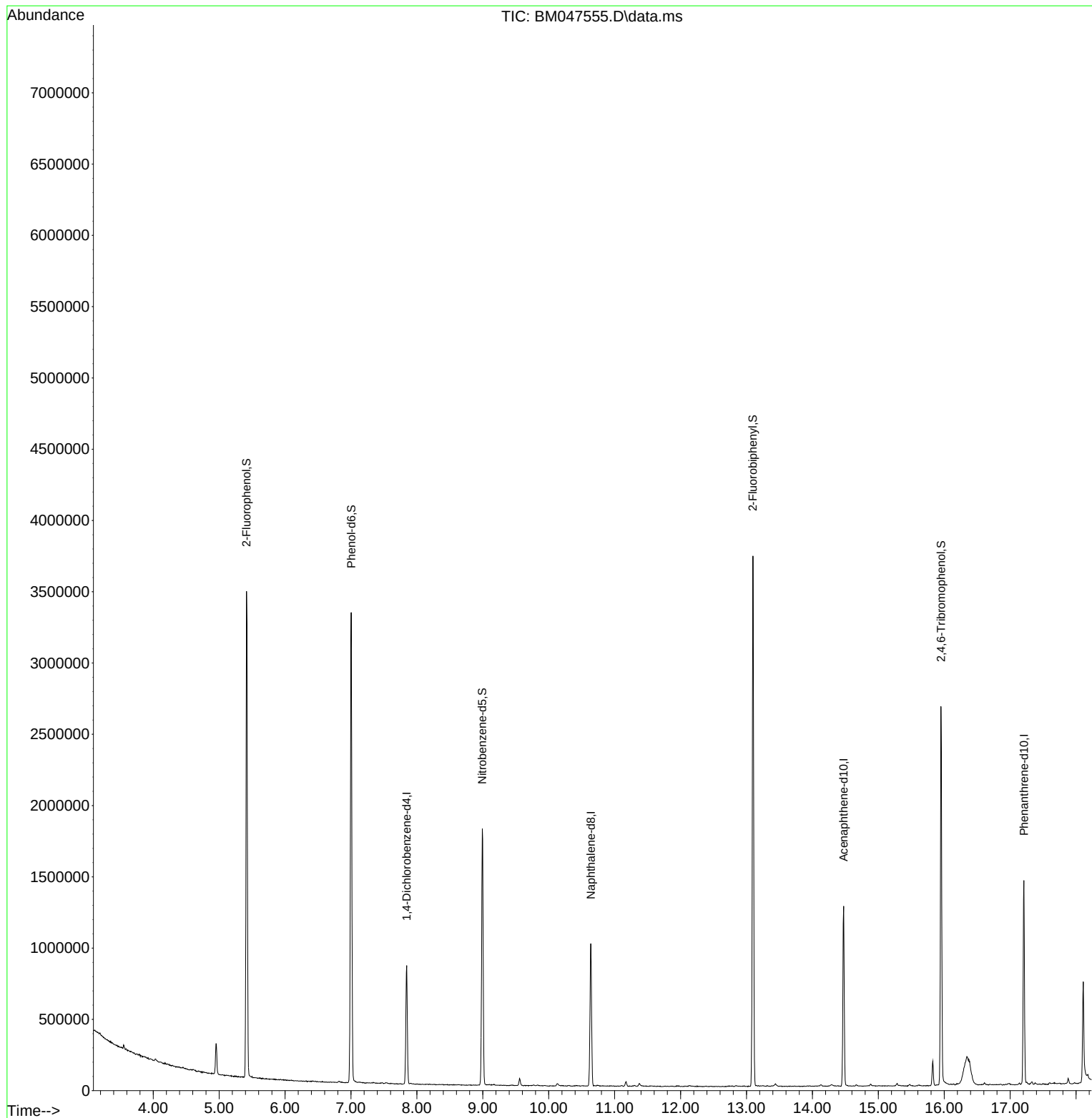
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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ALS Vial : 4 Sample Multiplier: 1

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NB-614-COMP-04

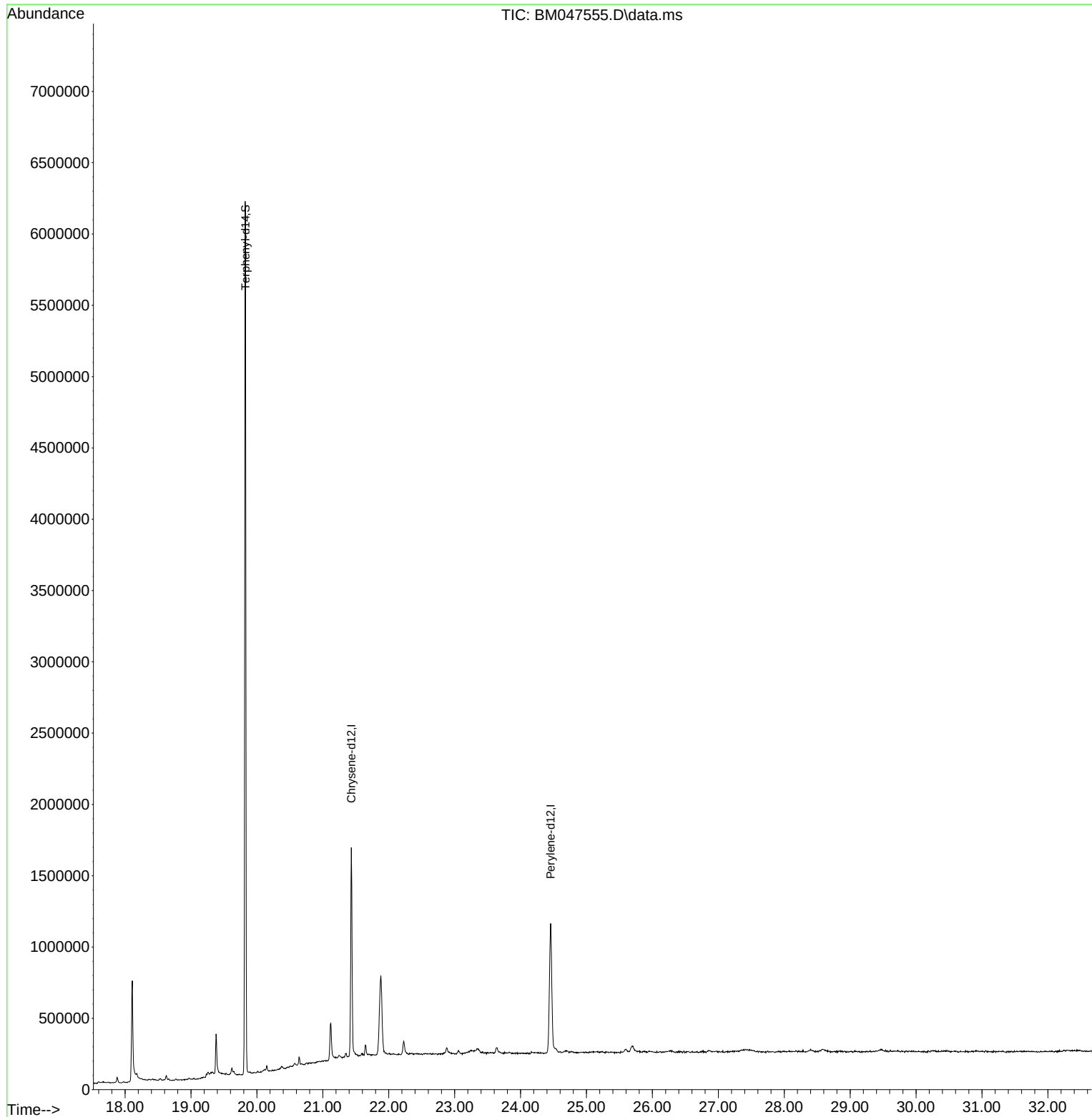
Quant Time: Sep 18 15:10:04 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM091424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Sep 15 08:56:37 2024  
Response via : Initial Calibration

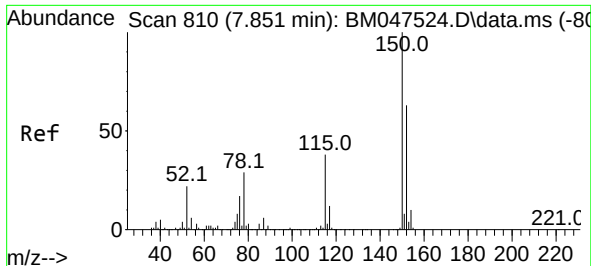


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091824\  
Data File : BM047555.D  
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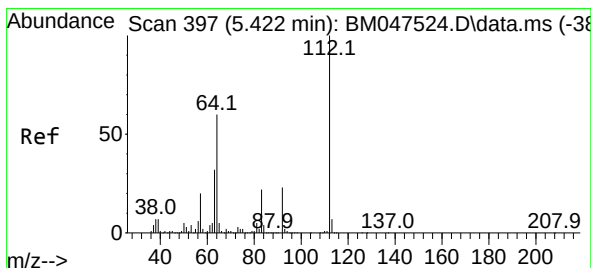
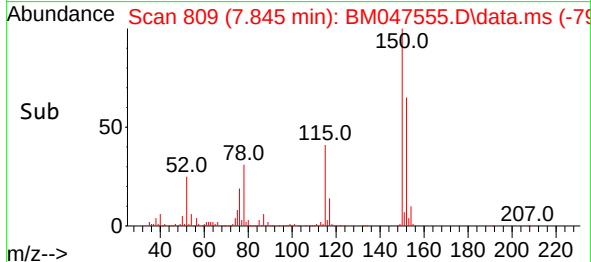
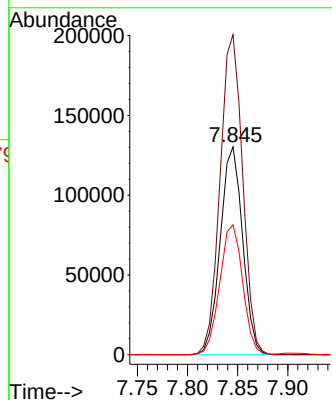
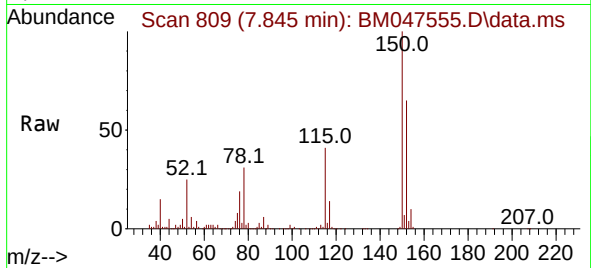




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.845 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BM047555.D  
Acq: 18 Sep 2024 14:22

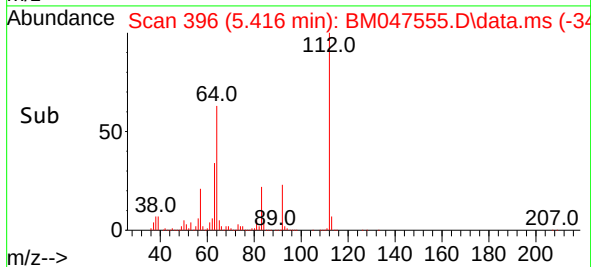
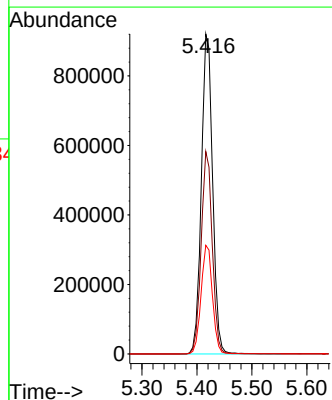
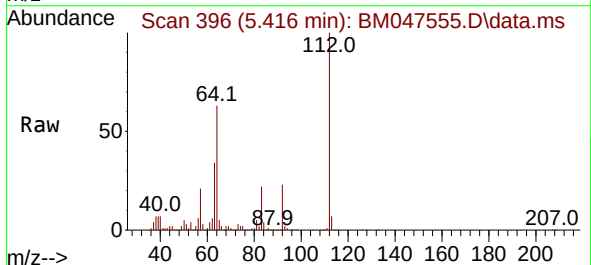
Instrument :  
BNA\_M  
ClientSampleId :  
NB-614-COMP-04

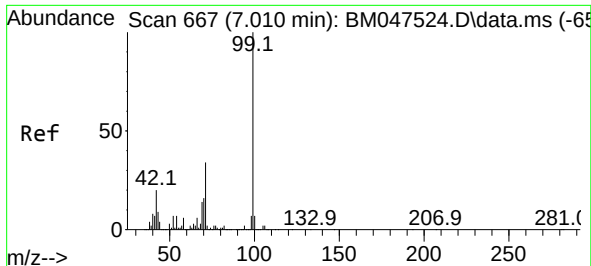
Tgt Ion:152 Resp: 202265  
Ion Ratio Lower Upper  
152 100  
150 153.9 126.8 190.2  
115 62.5 47.8 71.8



#5  
2-Fluorophenol  
Concen: 103.229 ng  
RT: 5.416 min Scan# 396  
Delta R.T. -0.006 min  
Lab File: BM047555.D  
Acq: 18 Sep 2024 14:22

Tgt Ion:112 Resp: 1311351  
Ion Ratio Lower Upper  
112 100  
64 63.3 48.2 72.4  
63 33.9 26.0 39.0

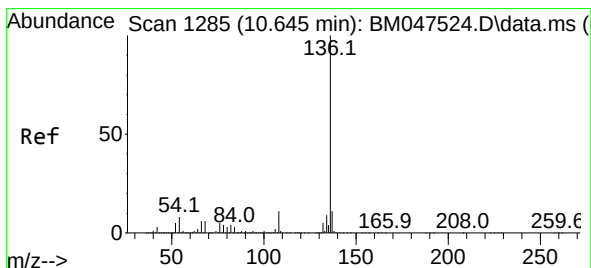
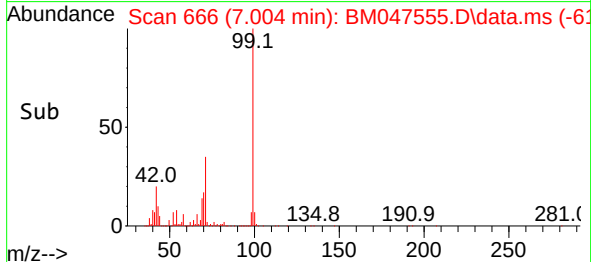
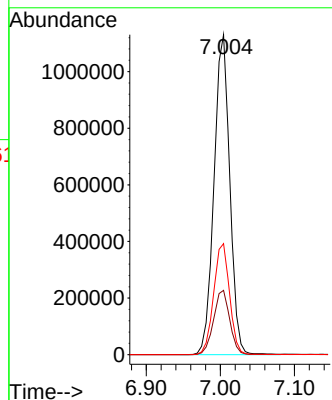
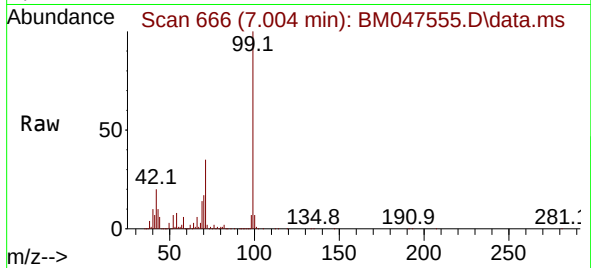




#7  
Phenol-d6  
Concen: 93.272 ng  
RT: 7.004 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM047555.D  
Acq: 18 Sep 2024 14:22

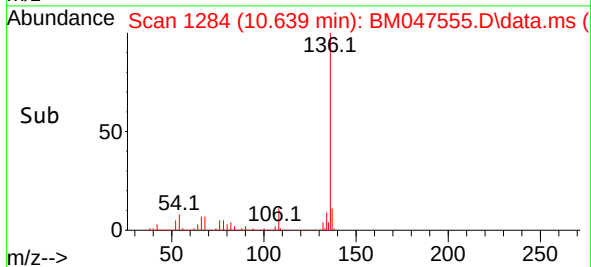
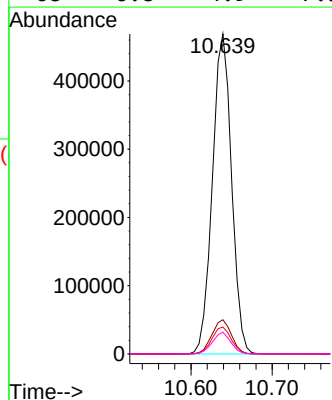
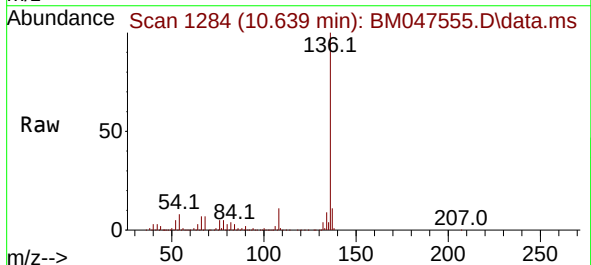
Instrument :  
BNA\_M  
ClientSampleId :  
NB-614-COMP-04

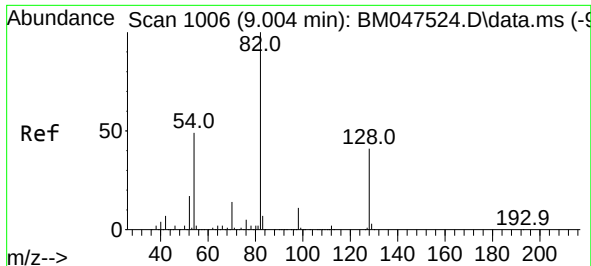
Tgt Ion: 99 Resp: 1668626  
Ion Ratio Lower Upper  
99 100  
42 20.1 15.8 23.8  
71 34.7 27.6 41.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.639 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: BM047555.D  
Acq: 18 Sep 2024 14:22

Tgt Ion: 136 Resp: 768134  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.0 13.6  
54 8.4 6.6 9.8  
68 6.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 66.513 ng

RT: 8.992 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA\_M

ClientSampleId :

NB-614-COMP-04

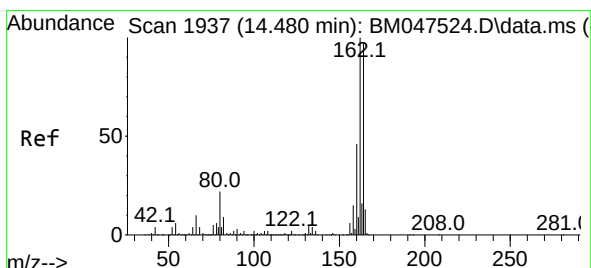
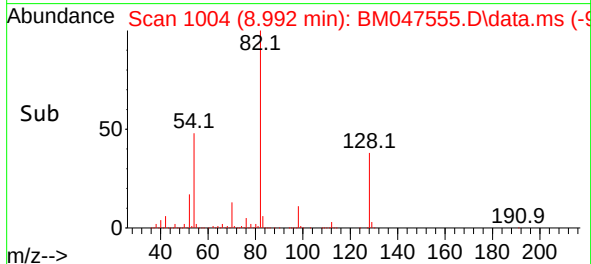
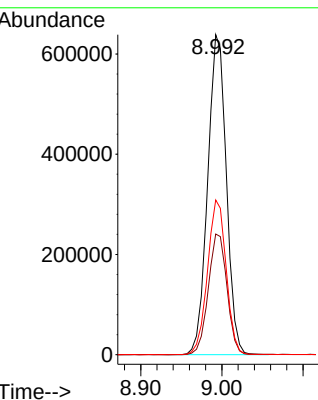
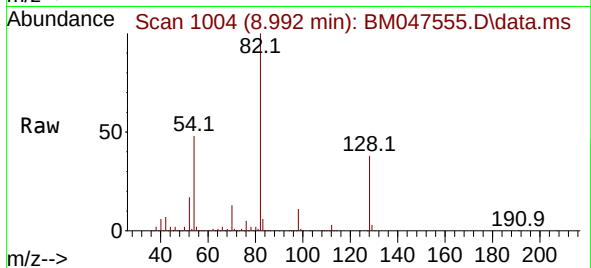
Tgt Ion: 82 Resp: 1020871

Ion Ratio Lower Upper

82 100

128 37.7 33.0 49.4

54 48.4 39.3 58.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.474 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

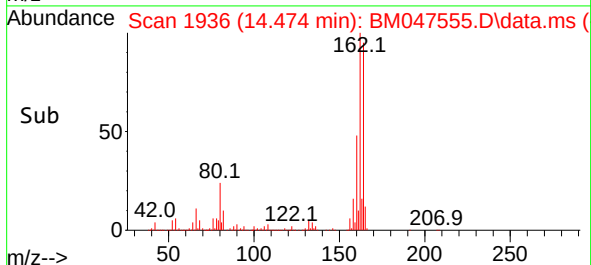
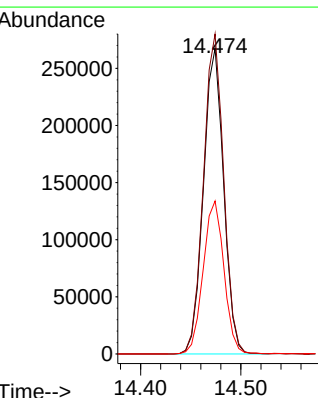
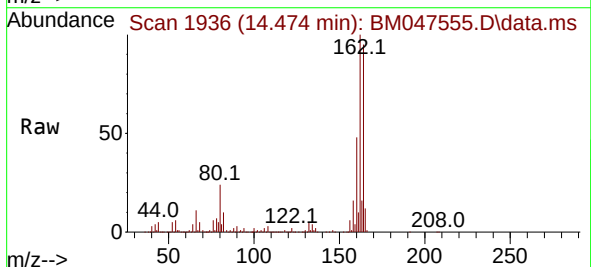
Tgt Ion:164 Resp: 373343

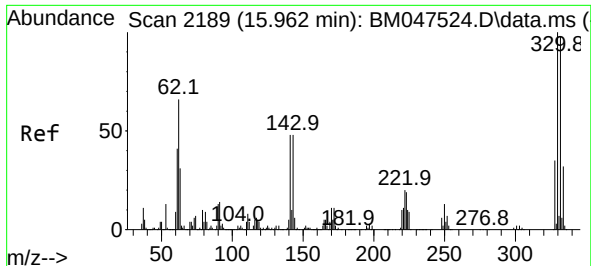
Ion Ratio Lower Upper

164 100

162 104.7 82.2 123.2

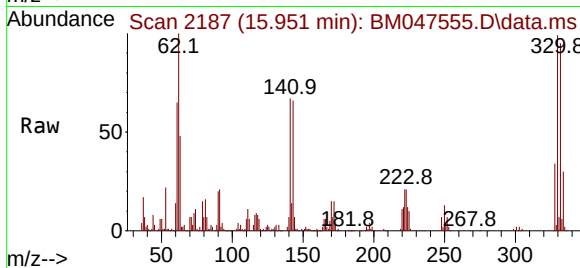
160 50.0 38.2 57.2



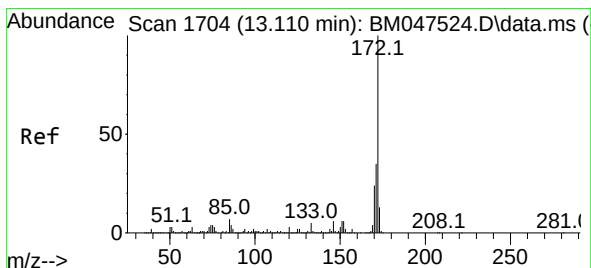
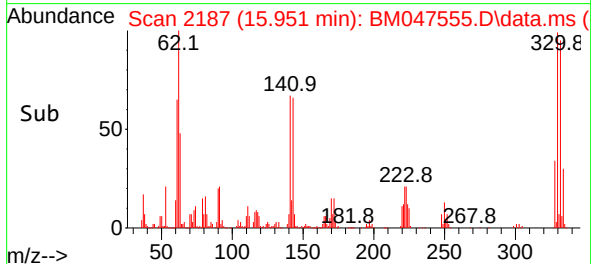
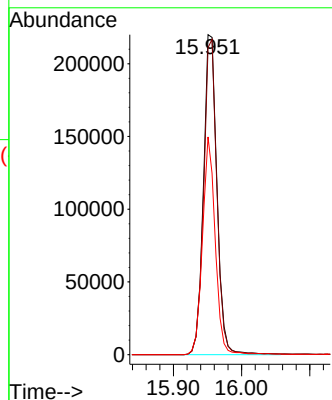


#42  
2,4,6-Tribromophenol  
Concen: 84.251 ng  
RT: 15.951 min Scan# 2187  
Delta R.T. -0.012 min  
Lab File: BM047555.D  
Acq: 18 Sep 2024 14:22

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NB-614-COMP-04

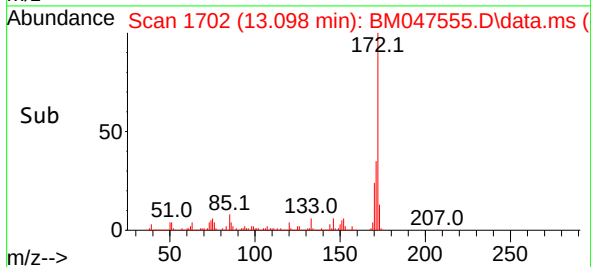
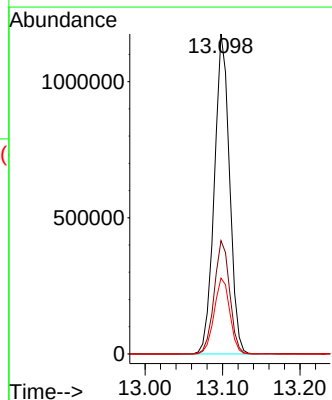
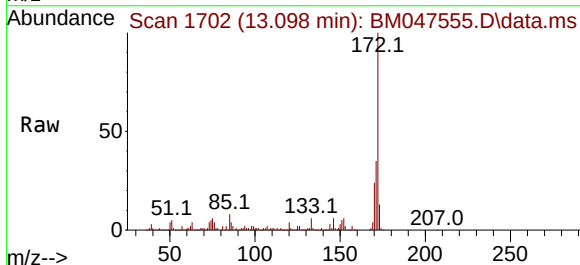


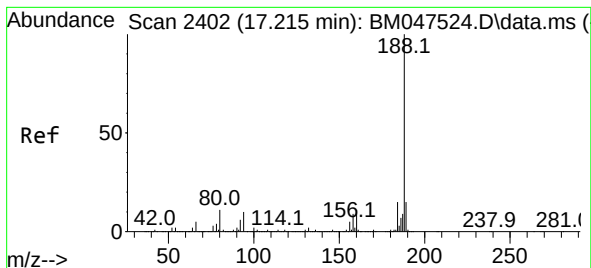
Tgt Ion:330 Resp: 304036  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.9 115.3  
141 63.8 42.2 63.2#



#45  
2-Fluorobiphenyl  
Concen: 59.111 ng  
RT: 13.098 min Scan# 1702  
Delta R.T. -0.012 min  
Lab File: BM047555.D  
Acq: 18 Sep 2024 14:22

Tgt Ion:172 Resp: 1602068  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.2 42.2  
170 23.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

Instrument :

BNA\_M

ClientSampleId :

NB-614-COMP-04

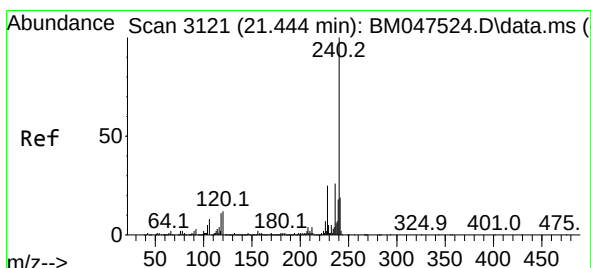
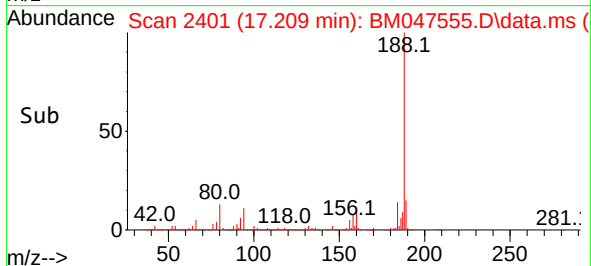
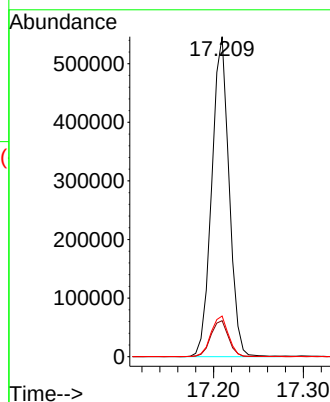
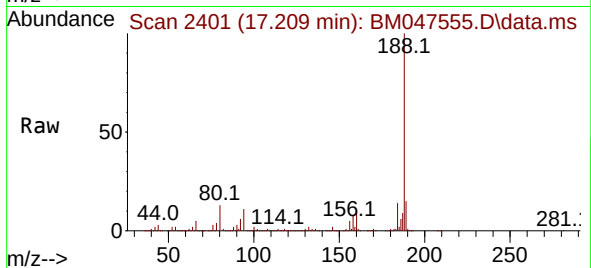
Tgt Ion:188 Resp: 732053

Ion Ratio Lower Upper

188 100

94 11.2 8.4 12.6

80 12.7 9.1 13.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.011 min

Lab File: BM047555.D

Acq: 18 Sep 2024 14:22

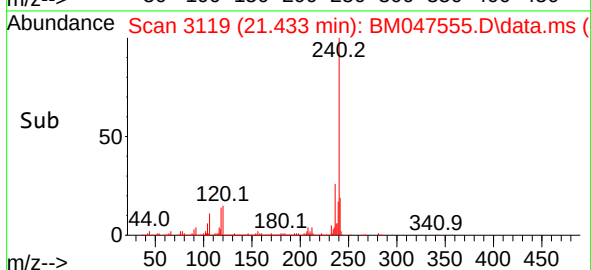
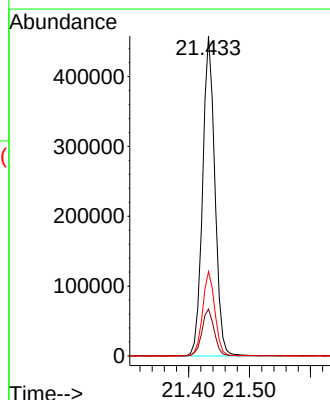
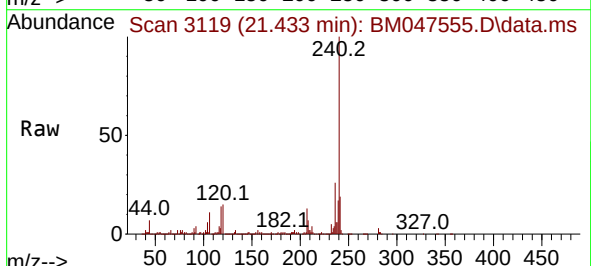
Tgt Ion:240 Resp: 641831

Ion Ratio Lower Upper

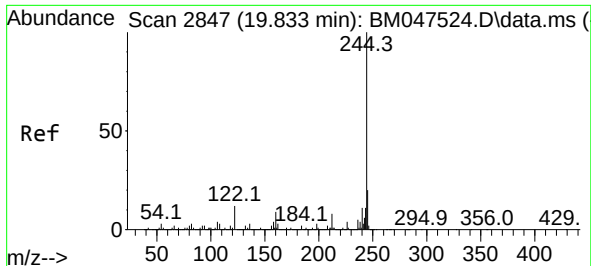
240 100

120 14.7 9.6 14.4#

236 26.3 20.9 31.3



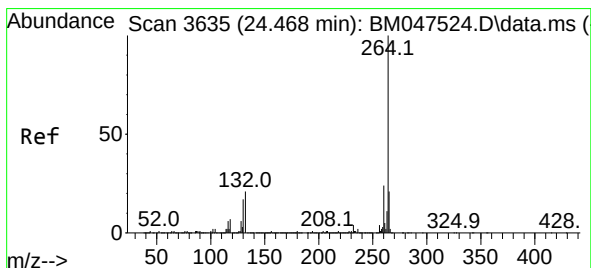
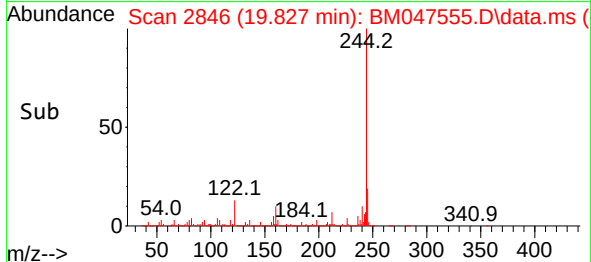
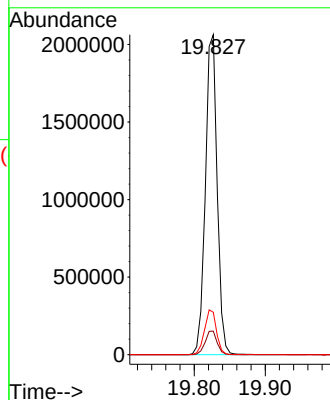
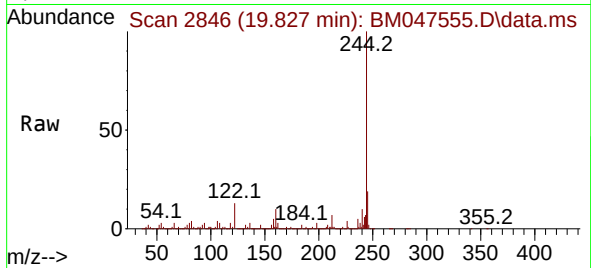




#79  
 Terphenyl-d14  
 Concen: 66.489 ng  
 RT: 19.827 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM047555.D  
 Acq: 18 Sep 2024 14:22

Instrument :  
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 NB-614-COMP-04

Tgt Ion:244 Resp: 2381495  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.2 9.2  
 122 13.2 9.6 14.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.456 min Scan# 3633  
 Delta R.T. -0.012 min  
 Lab File: BM047555.D  
 Acq: 18 Sep 2024 14:22

Tgt Ion:264 Resp: 722111  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.9 28.3  
 265 21.1 17.4 26.2

