

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122021\  
 Data File : BM033543.D  
 Acq On : 20 Dec 2021 16:56  
 Operator : CG/JU  
 Sample : M5082-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SASP2-121-1(35-52)

Quant Time: Dec 21 03:59:49 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM121621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 21 03:57:10 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.919  | 152  | 22291    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.731 | 136  | 83392    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.572 | 164  | 54401    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.318 | 188  | 107796   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.495 | 240  | 98158    | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.900 | 264  | 102759   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.484  | 112  | 146244   | 113.207 | ng    | 0.00     |
| 7) Phenol-d6                | 7.090  | 99   | 187178   | 107.969 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.095  | 82   | 149184   | 76.813  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.060 | 330  | 63217    | 103.304 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.189 | 172  | 287407   | 73.082  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.936 | 244  | 391271   | 62.755  | ng    | 0.00     |

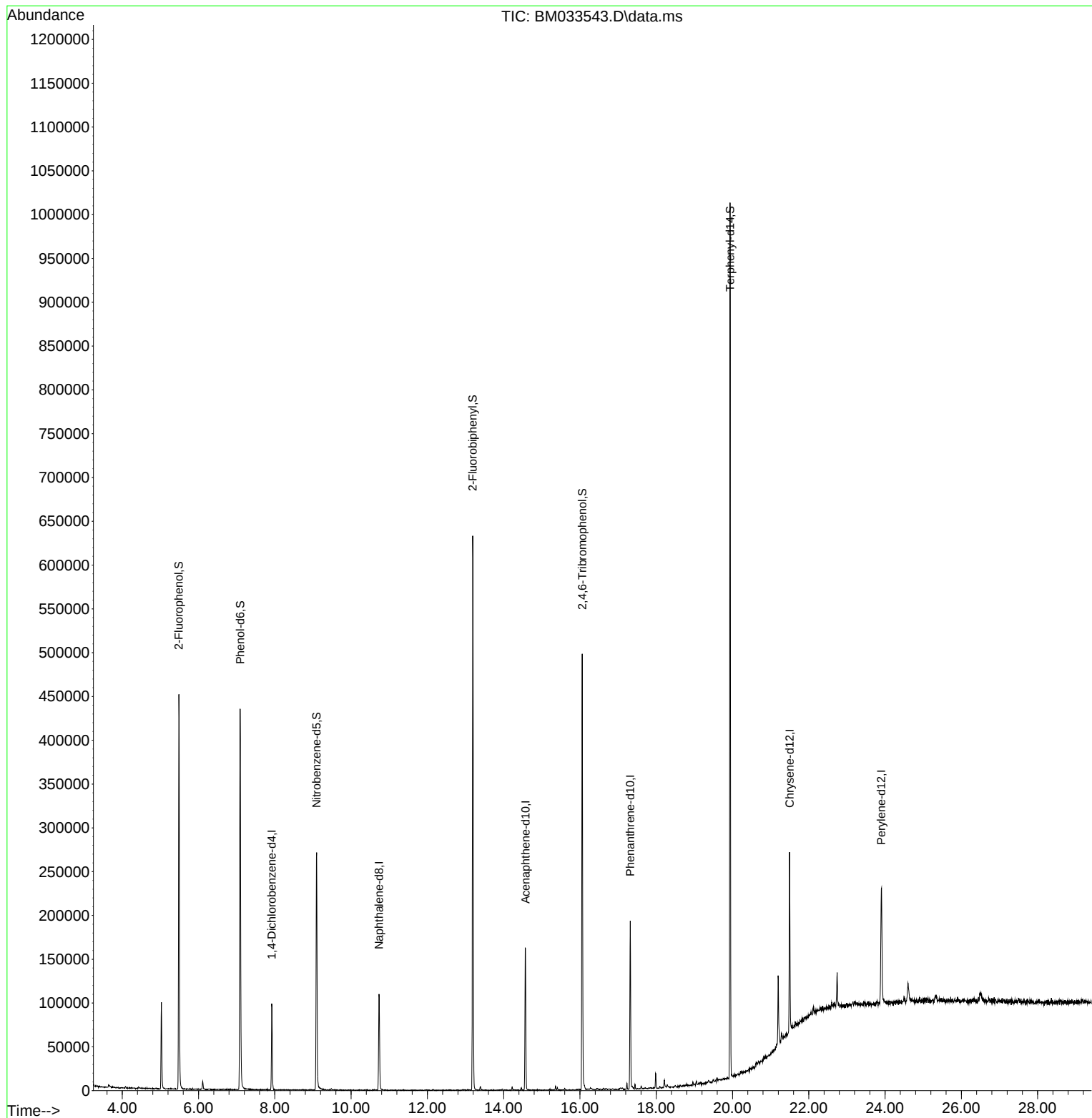
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

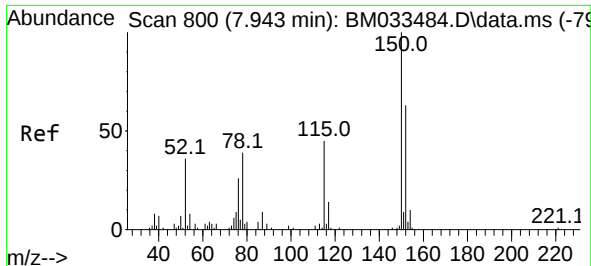
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122021\  
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

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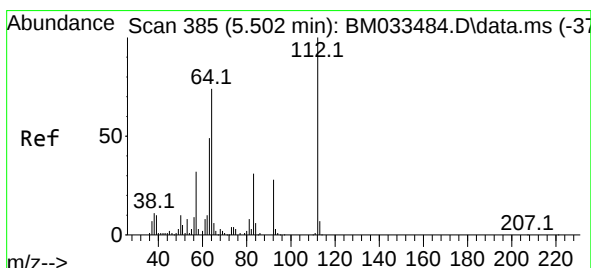
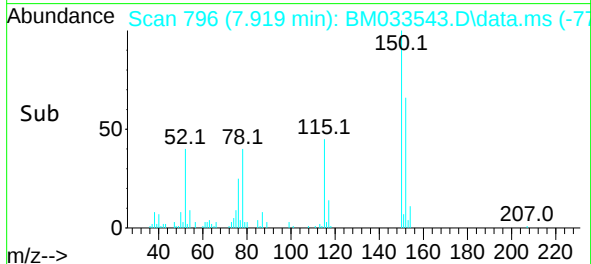
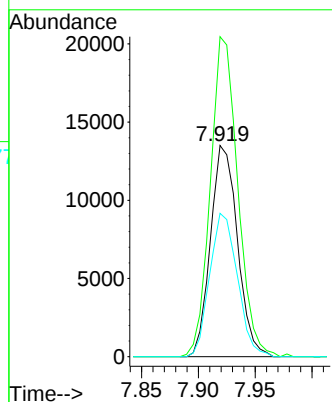
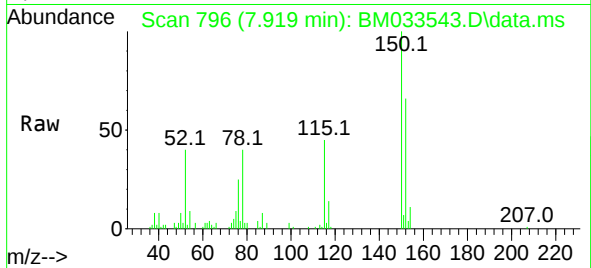




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.919 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BM033543.D  
Acq: 20 Dec 2021 16:56

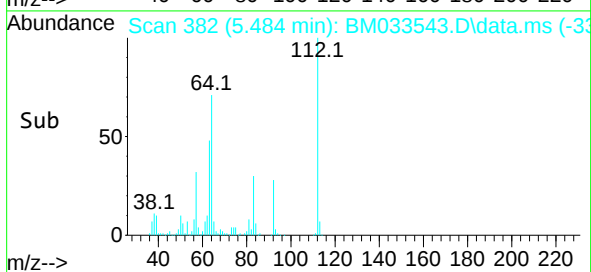
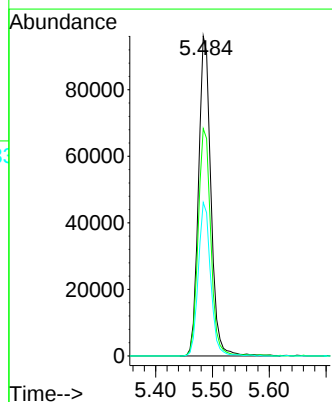
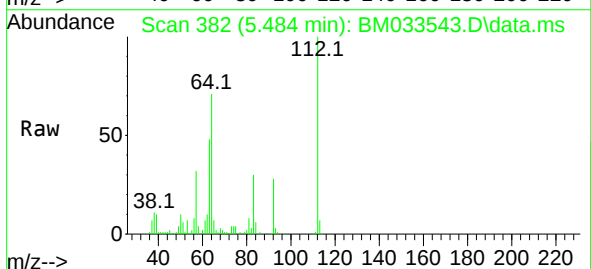
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-121-1(35-52)

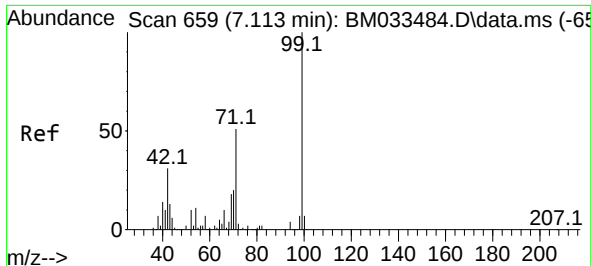
Tgt Ion:152 Resp: 22291  
Ion Ratio Lower Upper  
152 100  
150 151.6 128.9 193.3  
115 67.9 53.0 79.6



#5  
2-Fluorophenol  
Concen: 113.207 ng  
RT: 5.484 min Scan# 382  
Delta R.T. -0.000 min  
Lab File: BM033543.D  
Acq: 20 Dec 2021 16:56

Tgt Ion:112 Resp: 146244  
Ion Ratio Lower Upper  
112 100  
64 71.0 55.5 83.3  
63 47.9 31.3 46.9#

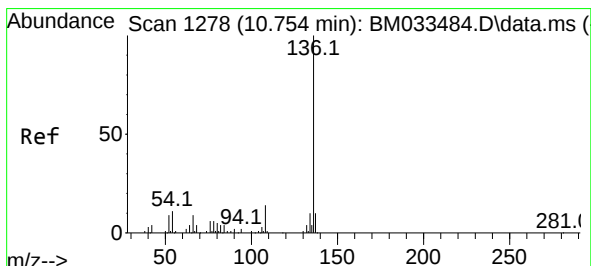
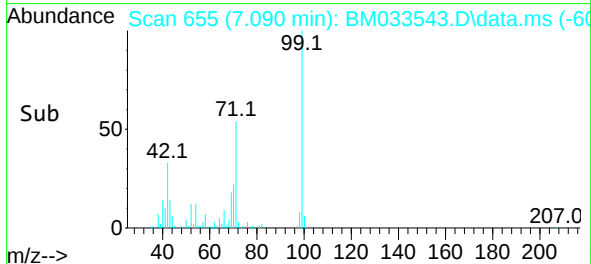
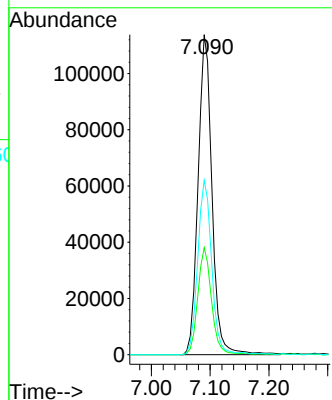
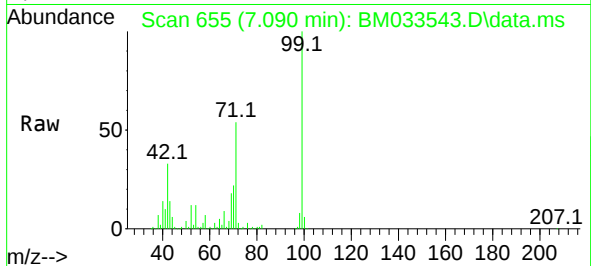




#7  
Phenol-d6  
Concen: 107.969 ng  
RT: 7.090 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM033543.D  
Acq: 20 Dec 2021 16:56

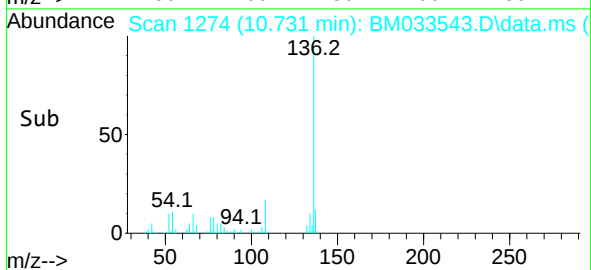
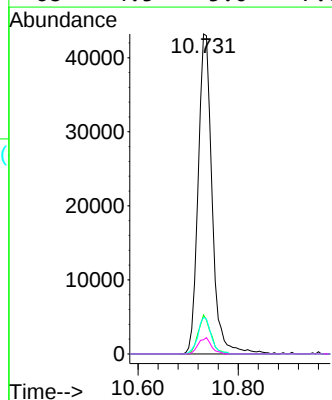
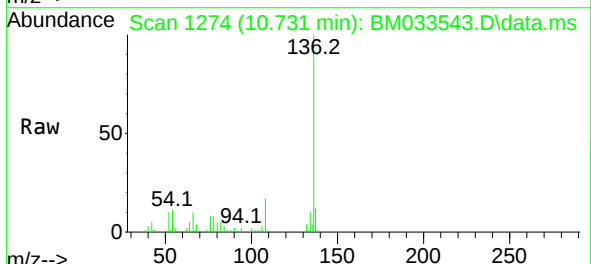
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-121-1(35-52)

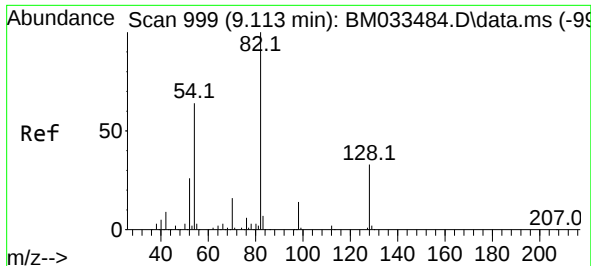
Tgt Ion: 99 Resp: 187178  
Ion Ratio Lower Upper  
99 100  
42 33.5 20.3 30.5#  
71 54.5 34.5 51.7#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.731 min Scan# 1274  
Delta R.T. -0.000 min  
Lab File: BM033543.D  
Acq: 20 Dec 2021 16:56

Tgt Ion: 136 Resp: 83392  
Ion Ratio Lower Upper  
136 100  
137 12.2 8.6 13.0  
54 11.3 8.3 12.5  
68 4.5 5.0 7.6#

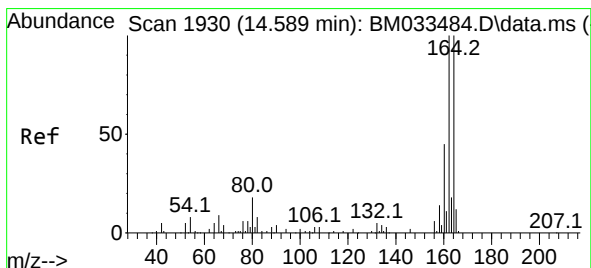
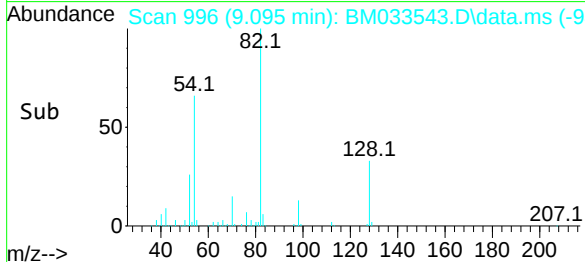
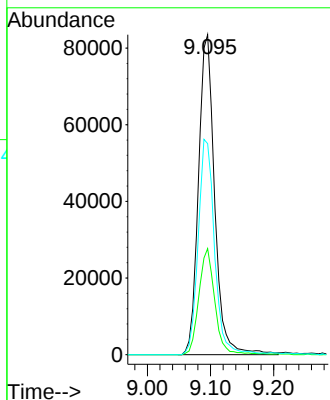
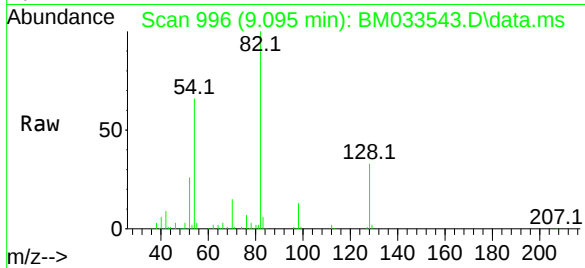




#23  
Nitrobenzene-d5  
Concen: 76.813 ng  
RT: 9.095 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM033543.D  
Acq: 20 Dec 2021 16:56

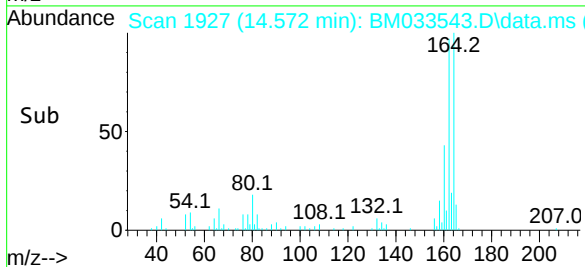
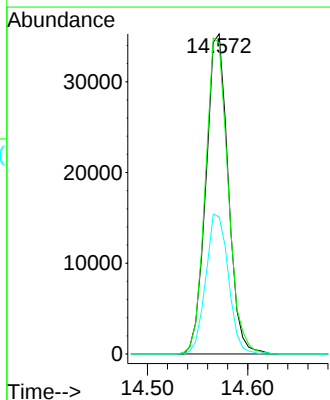
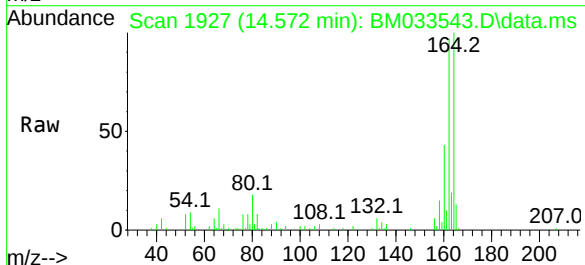
Instrument :  
BNA\_M  
ClientSampleId :  
SASP2-121-1(35-52)

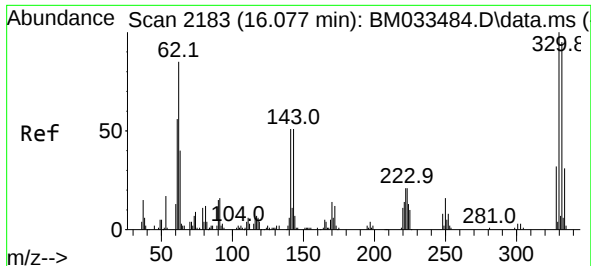
Tgt Ion: 82 Resp: 149184  
Ion Ratio Lower Upper  
82 100  
128 33.2 28.1 42.1  
54 65.9 46.1 69.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.572 min Scan# 1927  
Delta R.T. 0.006 min  
Lab File: BM033543.D  
Acq: 20 Dec 2021 16:56

Tgt Ion: 164 Resp: 54401  
Ion Ratio Lower Upper  
164 100  
162 97.2 79.7 119.5  
160 42.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 103.304 ng

RT: 16.060 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM033543.D

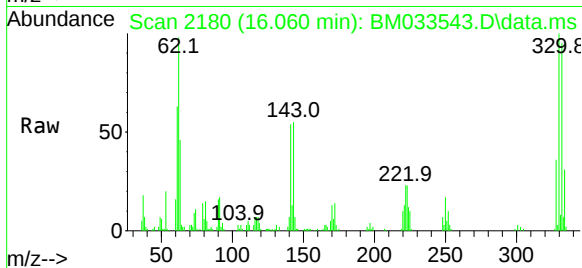
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Instrument :

BNA\_M

ClientSampleId :

SASP2-121-1(35-52)



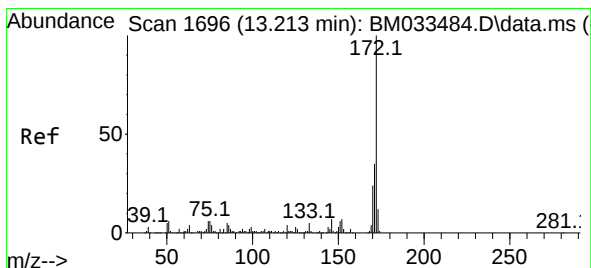
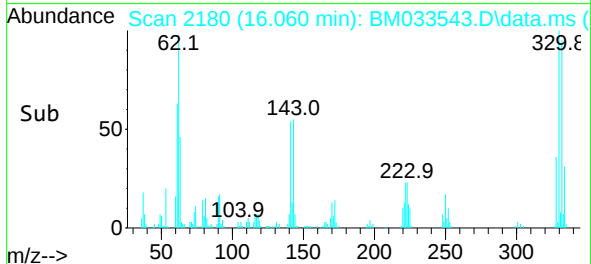
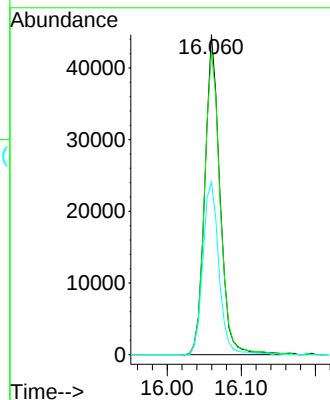
Tgt Ion:330 Resp: 63217

Ion Ratio Lower Upper

330 100

332 98.7 76.5 114.7

141 57.1 35.9 53.9#



#45

2-Fluorobiphenyl

Concen: 73.082 ng

RT: 13.189 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BM033543.D

Acq: 20 Dec 2021 16:56

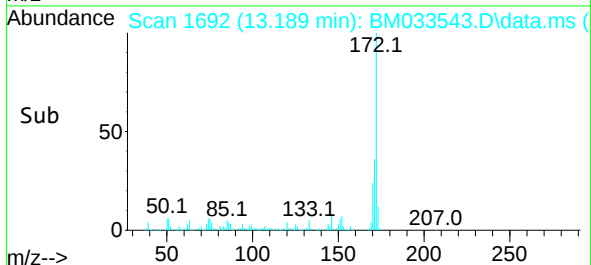
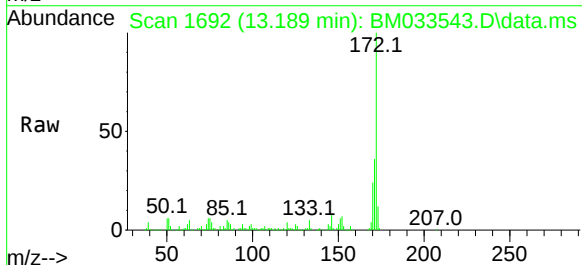
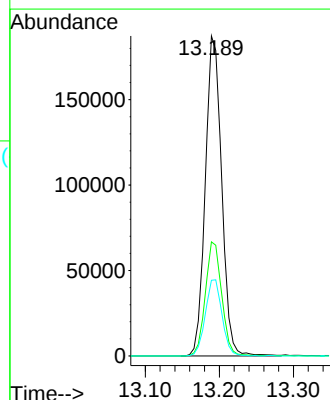
Tgt Ion:172 Resp: 287407

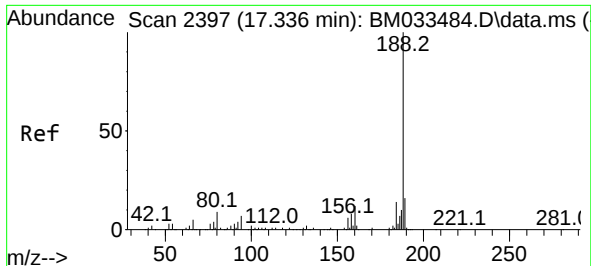
Ion Ratio Lower Upper

172 100

171 35.7 27.2 40.8

170 23.6 18.7 28.1

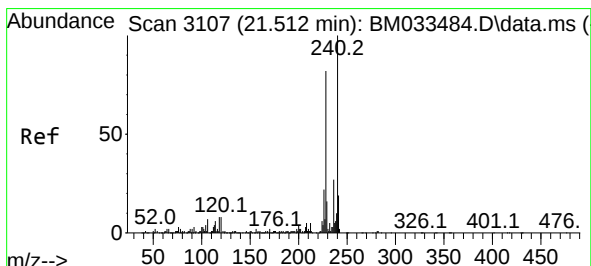
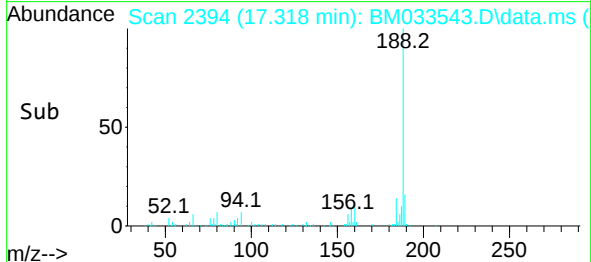
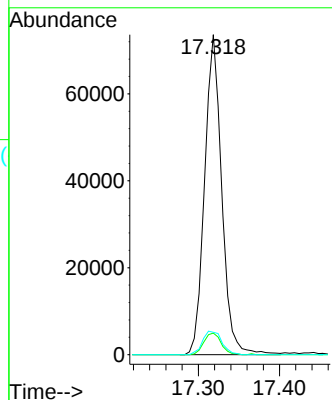
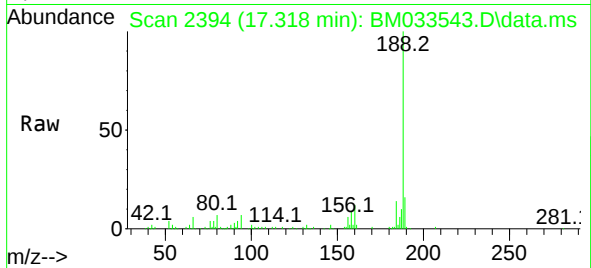




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.318 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM033543.D  
Acq: 20 Dec 2021 16:56

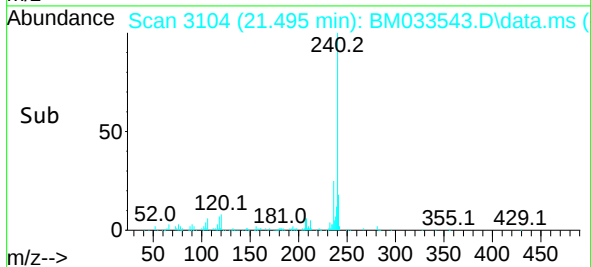
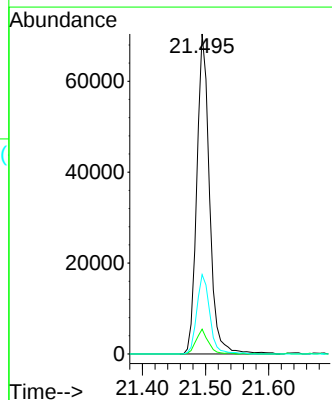
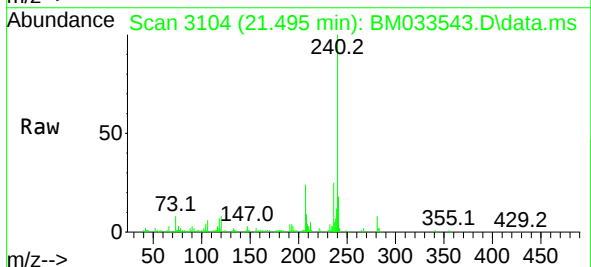
Instrument :  
BNA\_M  
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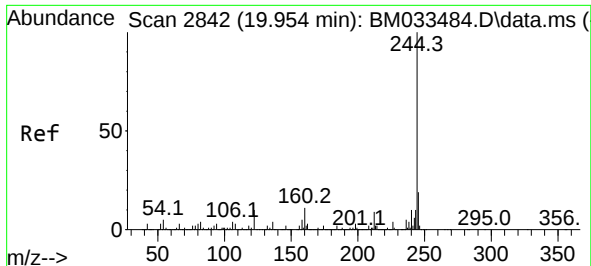
Tgt Ion:188 Resp: 107796  
Ion Ratio Lower Upper  
188 100  
94 6.8 7.5 11.3#  
80 7.0 8.9 13.3#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.495 min Scan# 3104  
Delta R.T. -0.000 min  
Lab File: BM033543.D  
Acq: 20 Dec 2021 16:56

Tgt Ion:240 Resp: 98158  
Ion Ratio Lower Upper  
240 100  
120 7.7 7.8 11.6#  
236 24.8 20.3 30.5

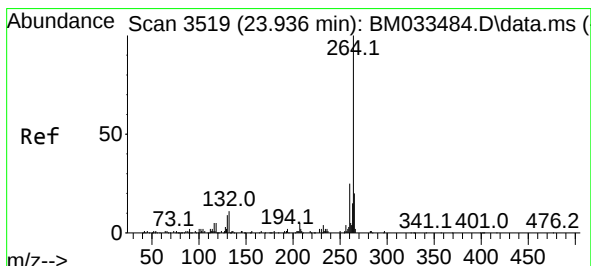
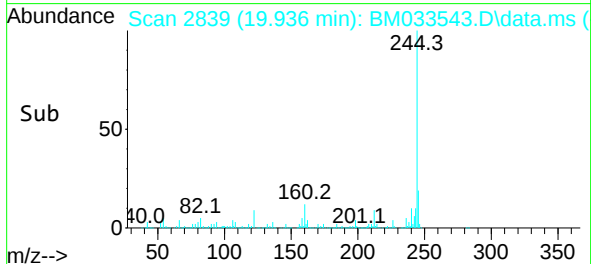
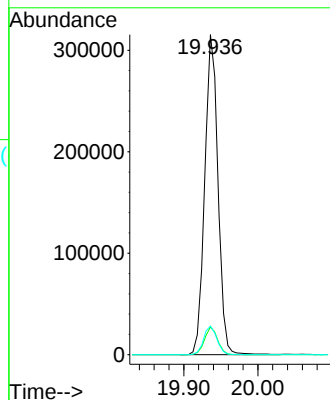
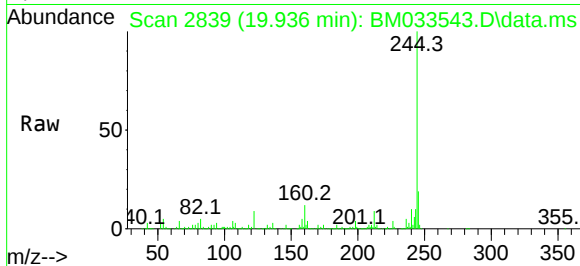




#79  
 Terphenyl-d14  
 Concen: 62.755 ng  
 RT: 19.936 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM033543.D  
 Acq: 20 Dec 2021 16:56

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SASP2-121-1(35-52)

Tgt Ion:244 Resp: 391271  
 Ion Ratio Lower Upper  
 244 100  
 212 8.7 5.9 8.9  
 122 8.9 8.4 12.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.900 min Scan# 3513  
 Delta R.T. -0.000 min  
 Lab File: BM033543.D  
 Acq: 20 Dec 2021 16:56

Tgt Ion:264 Resp: 102759  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 17.7 26.5  
 265 24.0 17.7 26.5

