

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011521\  
 Data File : BP004585.D  
 Acq On : 15 Jan 2021 20:02  
 Operator : CG/JU  
 Sample : M1124-05MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 VNJ-223

Quant Time: Jan 15 22:00:34 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP011221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 12 15:19:32 2021  
 Response via : Initial Calibration

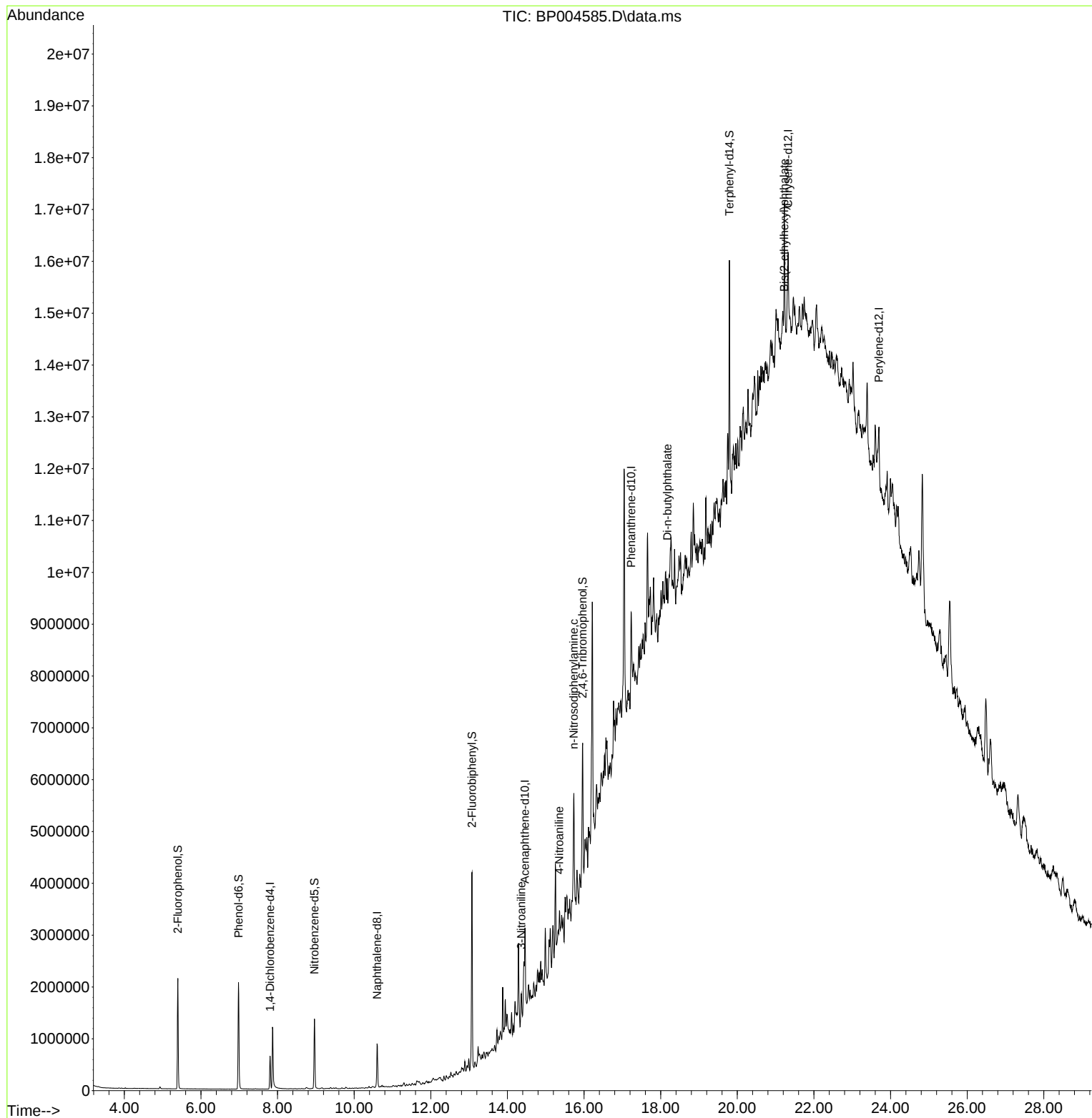
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.805  | 152  | 197401   | 20.00     | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.599 | 136  | 757142   | 20.00     | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.457 | 164  | 452526   | 20.00     | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.228 | 188  | 881160   | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.327 | 240  | 799934   | 20.00     | ng    | # 0.00   |
| 86) Perylene-d12              | 23.698 | 264  | 1085427  | 20.00     | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.399  | 112  | 1100516  | 97.17     | ng    | 0.00     |
| 7) Phenol-d6                  | 6.981  | 99   | 1382448  | 89.12     | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.963  | 82   | 820522   | 61.27     | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.963 | 330  | 738505   | 93.86     | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.075 | 172  | 2205112  | 63.35     | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.792 | 244  | 2687925  | 61.39     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.987  | 77   | 2906     | Below Cal | #     | 4        |
| 32) Benzoic acid              | 9.910  | 122  | 402      | Below Cal | #     | 4        |
| 41) Hexachlorocyclopentadiene | 12.634 | 237  | 46       | Below Cal |       | 76       |
| 53) 3-Nitroaniline            | 14.363 | 138  | 20169    | 2.32      | ng    | # 36     |
| 54) 2,4-Dinitrophenol         | 14.563 | 184  | 1380     | Below Cal | #     | 1        |
| 62) 4-Nitroaniline            | 15.351 | 138  | 45178    | 4.92      | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 15.734 | 169  | 118897   | 4.35      | ng    | # 49     |
| 74) Di-n-butylphthalate       | 18.175 | 149  | 112922   | 2.05      | ng    | # 42     |
| 84) Bis(2-ethylhexyl)phtha... | 21.227 | 149  | 1690833  | 53.79     | ng    | # 93     |
| -----                         |        |      |          |           |       |          |

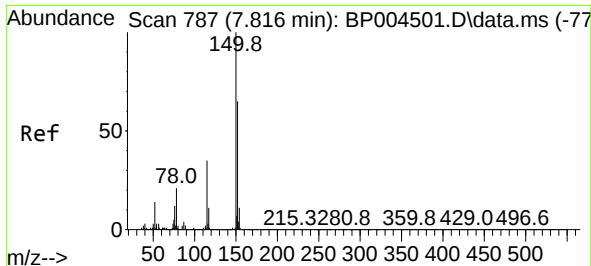
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011521\  
Data File : BP004585.D  
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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VNJ-223

Quant Time: Jan 15 22:00:34 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP011221.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 12 15:19:32 2021  
Response via : Initial Calibration

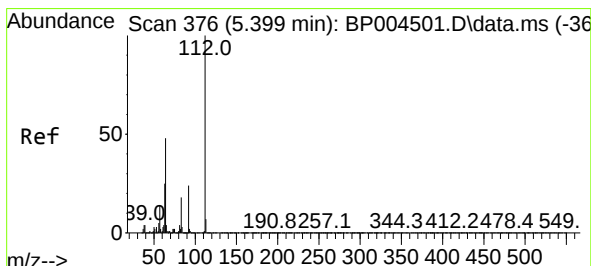
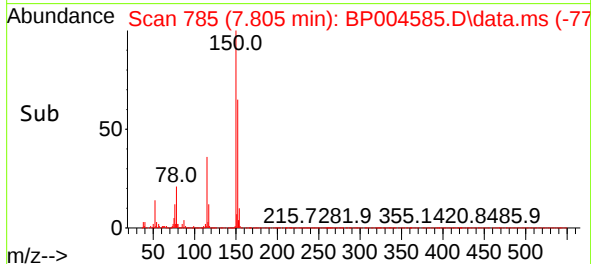
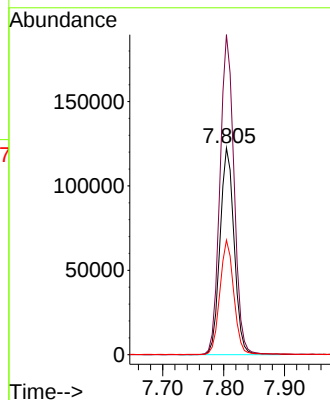
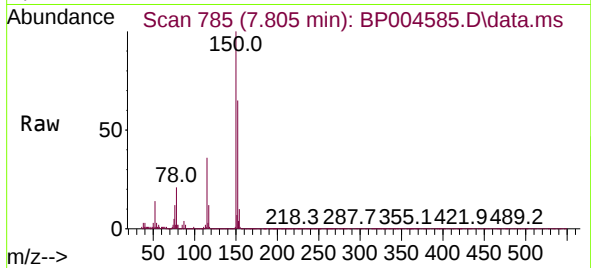




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.805 min Scan# 785  
Delta R.T. -0.011 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

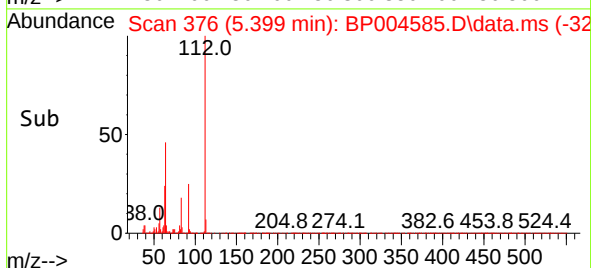
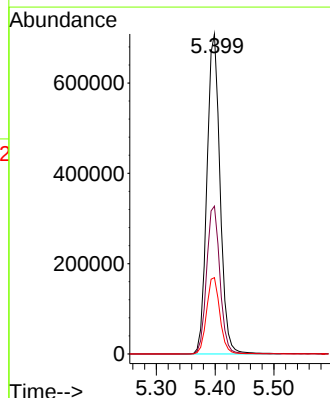
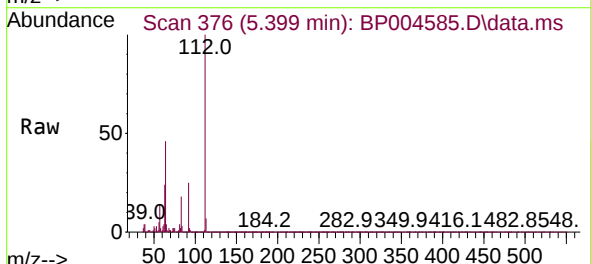
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-223

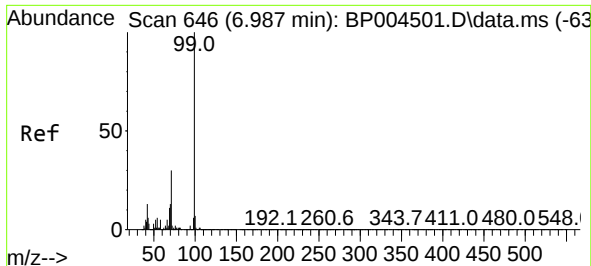
Tgt Ion:152 Resp: 197401  
Ion Ratio Lower Upper  
152 100  
150 154.8 123.8 185.6  
115 55.4 43.8 65.6



#5  
2-Fluorophenol  
Concen: 97.17 ng  
RT: 5.399 min Scan# 376  
Delta R.T. 0.000 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

Tgt Ion:112 Resp: 1100516  
Ion Ratio Lower Upper  
112 100  
64 46.2 32.8 49.2  
63 23.8 17.0 25.4

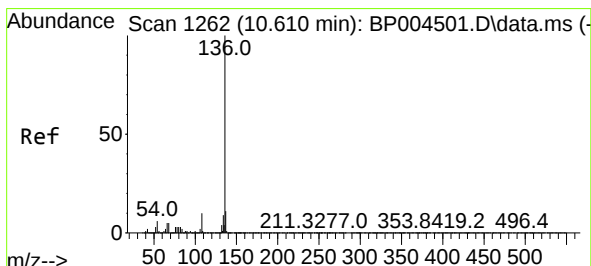
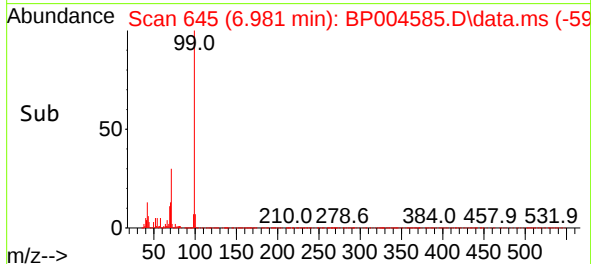
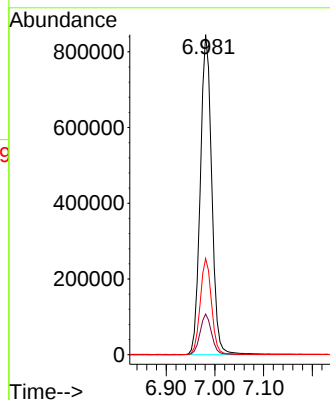
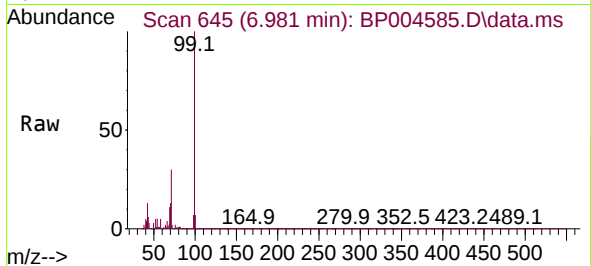




#7  
Phenol-d6  
Concen: 89.12 ng  
RT: 6.981 min Scan# 645  
Delta R.T. -0.006 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

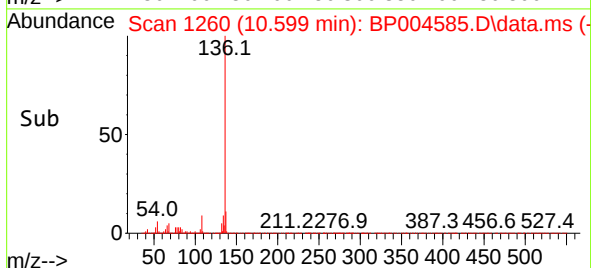
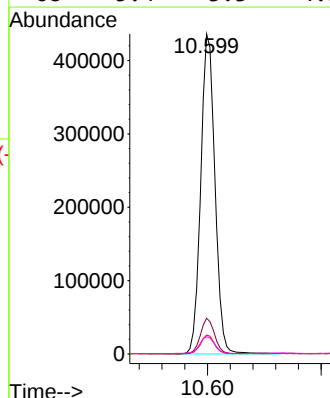
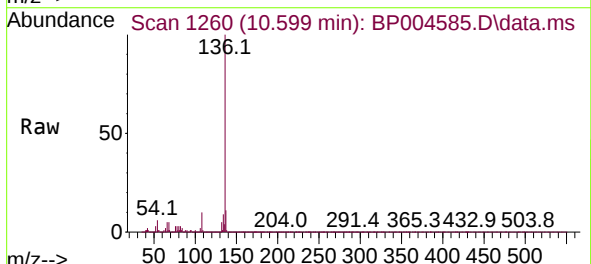
Instrument :  
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ClientSampleId :  
VNJ-223

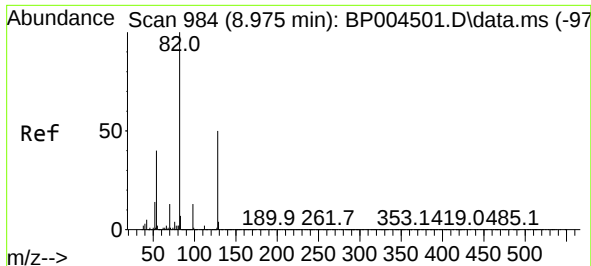
Tgt Ion: 99 Resp: 1382448  
Ion Ratio Lower Upper  
99 100  
42 12.7 8.6 13.0  
71 30.1 23.4 35.2



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.599 min Scan# 1260  
Delta R.T. -0.011 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

Tgt Ion: 136 Resp: 757142  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 5.9 3.6 5.4#  
68 5.4 3.3 4.9#

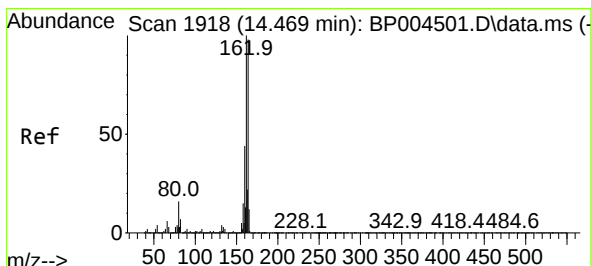
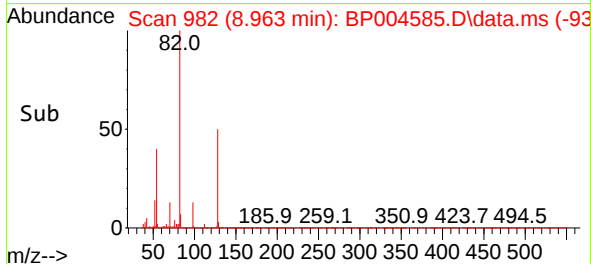
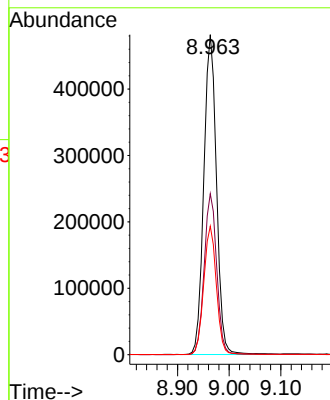
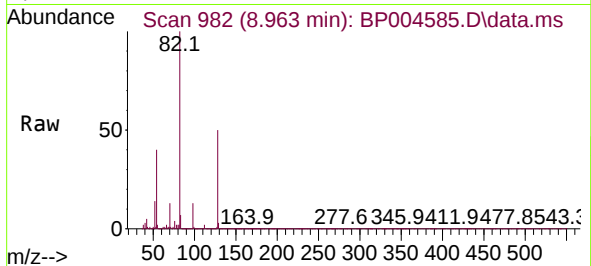




#23  
Nitrobenzene-d5  
Concen: 61.27 ng  
RT: 8.963 min Scan# 982  
Delta R.T. -0.012 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

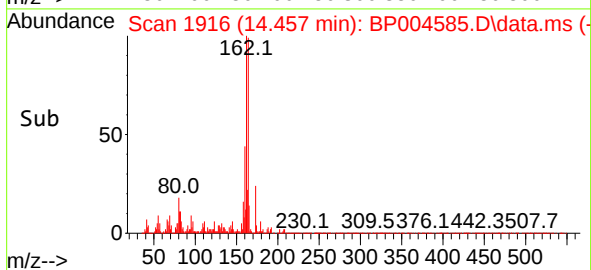
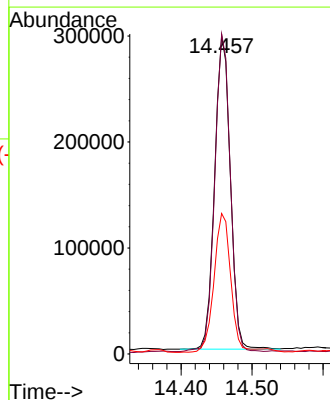
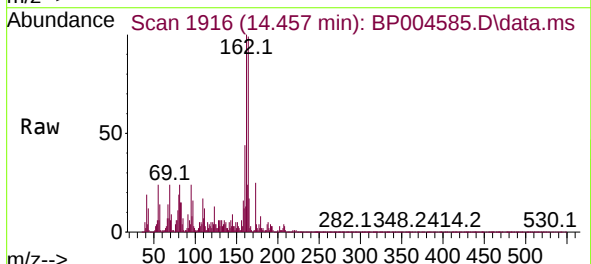
Instrument :  
BNA\_P  
ClientSampleId :  
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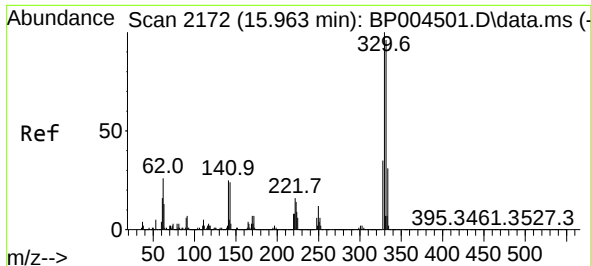
Tgt Ion: 82 Resp: 820522  
Ion Ratio Lower Upper  
82 100  
128 50.3 45.6 68.4  
54 40.2 30.1 45.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.457 min Scan# 1916  
Delta R.T. -0.012 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

Tgt Ion: 164 Resp: 452526  
Ion Ratio Lower Upper  
164 100  
162 100.6 79.4 119.2  
160 44.2 36.1 54.1

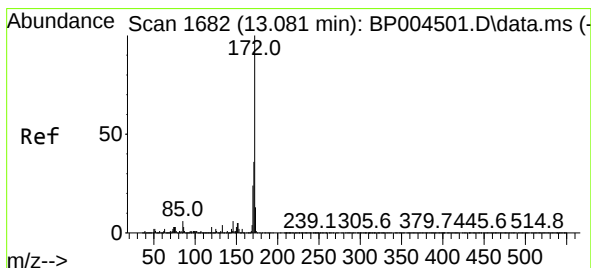
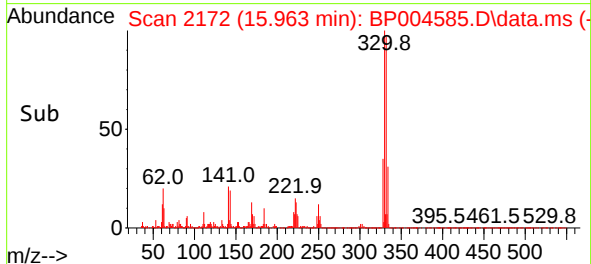
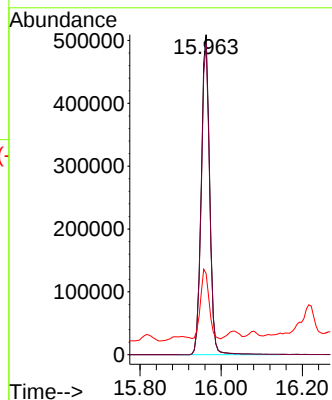
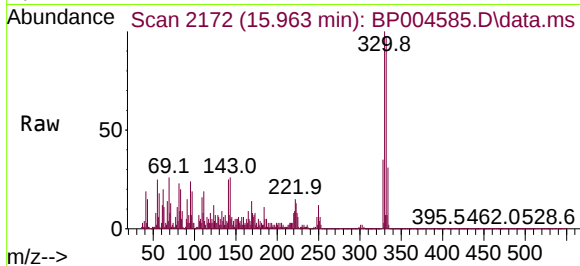




#42  
2,4,6-Tribromophenol  
Concen: 93.86 ng  
RT: 15.963 min Scan# 2172  
Delta R.T. -0.000 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

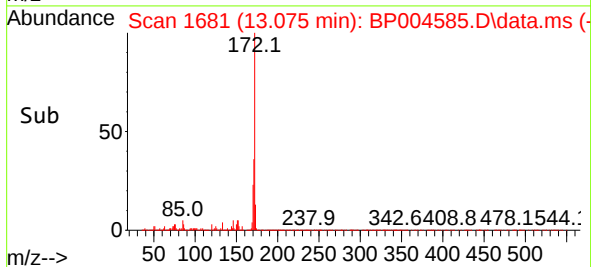
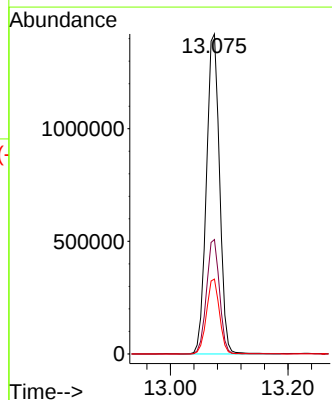
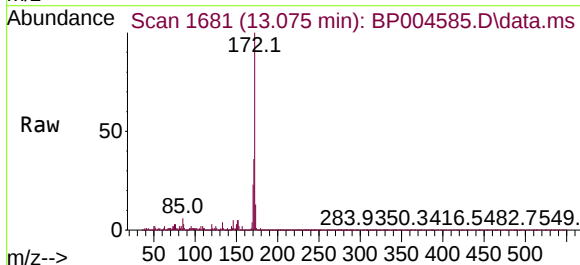
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BNA\_P  
ClientSampleId :  
VNJ-223

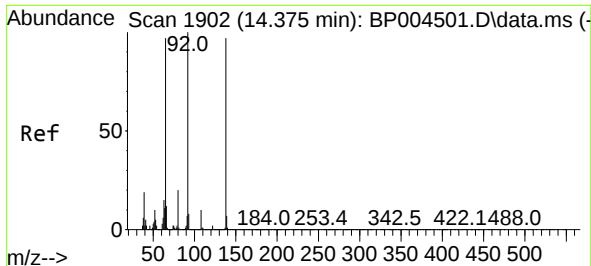
Tgt Ion:330 Resp: 738505  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.1 115.7  
141 21.8 23.4 35.2#



#45  
2-Fluorobiphenyl  
Concen: 63.35 ng  
RT: 13.075 min Scan# 1681  
Delta R.T. -0.006 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

Tgt Ion:172 Resp: 2205112  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.5 42.7  
170 23.4 19.2 28.8

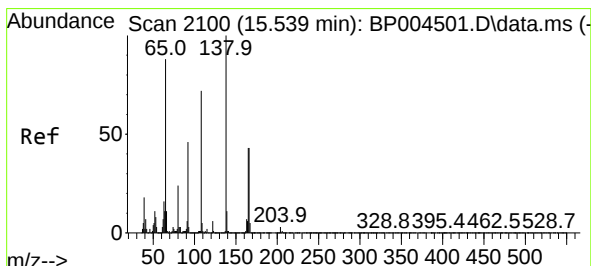
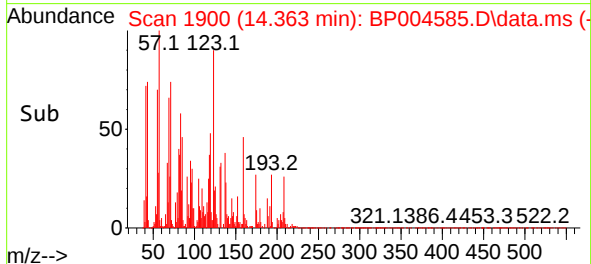
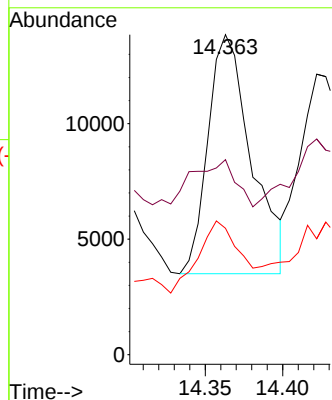
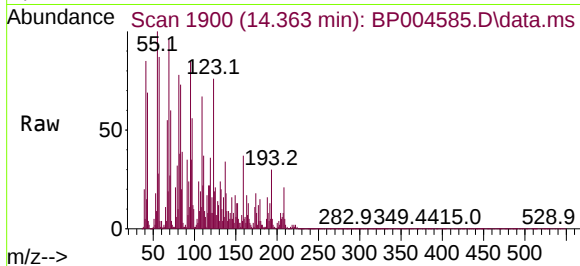




#53  
3-Nitroaniline  
Concen: 2.32 ng  
RT: 14.363 min Scan# 1900  
Delta R.T. -0.012 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

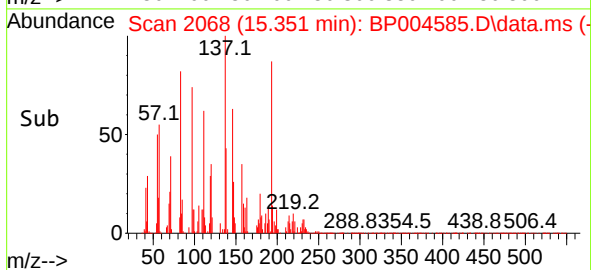
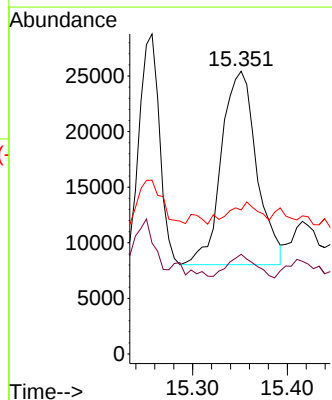
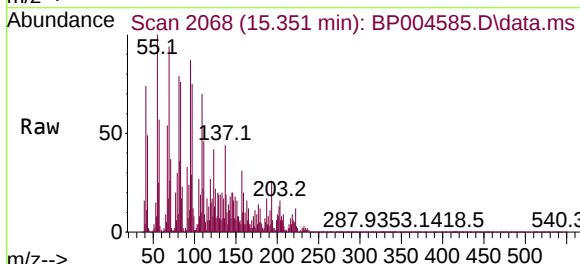
Instrument :  
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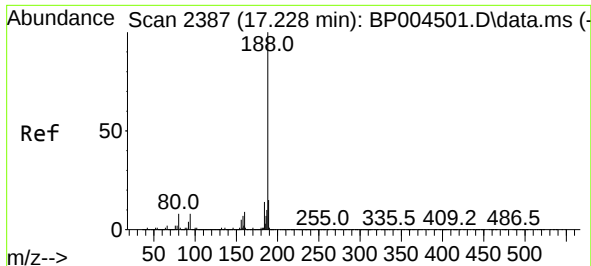
Tgt Ion:138 Resp: 20169  
Ion Ratio Lower Upper  
138 100  
108 61.0 7.5 11.3#  
92 39.5 75.0 112.6#



#62  
4-Nitroaniline  
Concen: 4.92 ng  
RT: 15.351 min Scan# 2068  
Delta R.T. -0.188 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

Tgt Ion:138 Resp: 45178  
Ion Ratio Lower Upper  
138 100  
92 35.3 20.7 60.7  
108 51.0 47.8 87.8

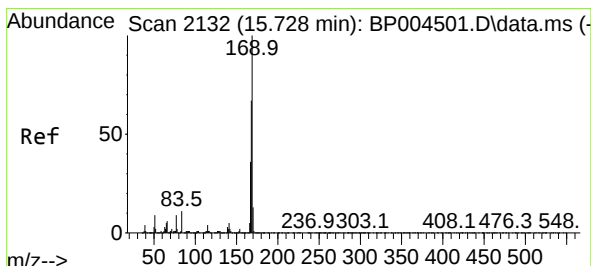
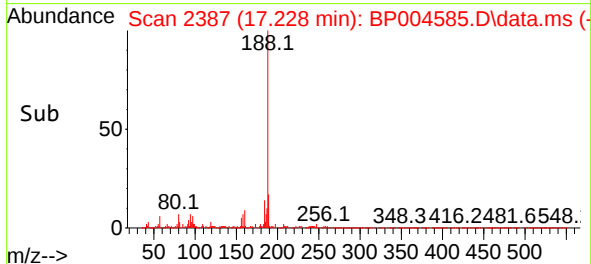
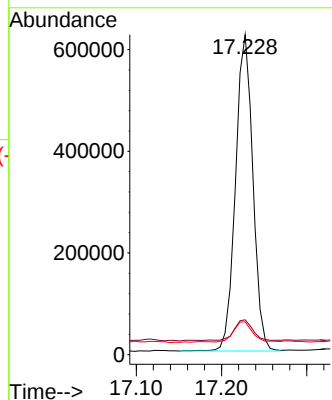
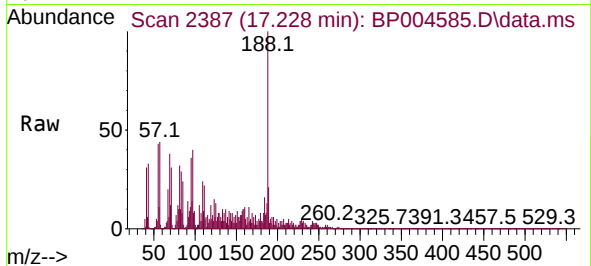




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.228 min Scan# 2387  
Delta R.T. -0.000 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

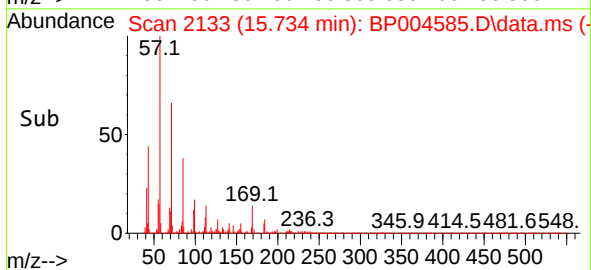
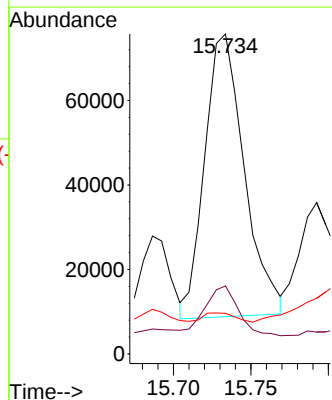
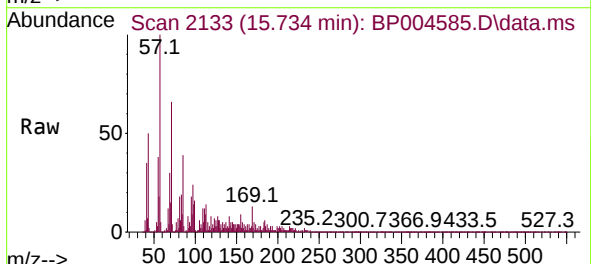
Instrument :  
BNA\_P  
ClientSampleId :  
VNJ-223

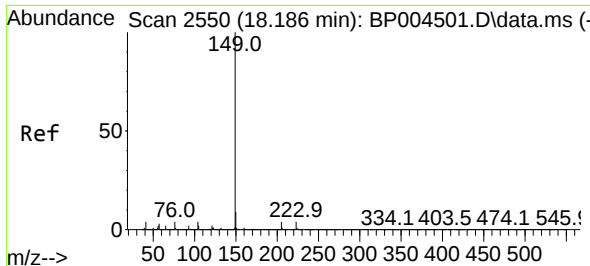
Tgt Ion:188 Resp: 881160  
Ion Ratio Lower Upper  
188 100  
94 10.9 6.2 9.2#  
80 10.3 6.2 9.2#



#66  
n-Nitrosodiphenylamine  
Concen: 4.35 ng  
RT: 15.734 min Scan# 2133  
Delta R.T. 0.006 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

Tgt Ion:169 Resp: 118897  
Ion Ratio Lower Upper  
169 100  
168 21.2 53.8 80.6#  
167 12.7 28.9 43.3#

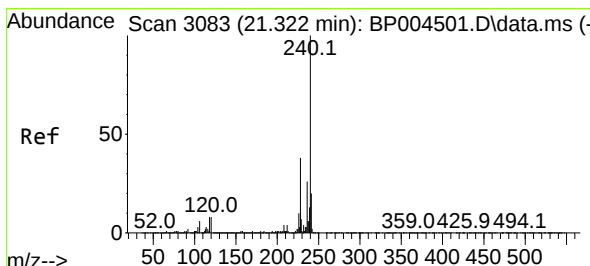
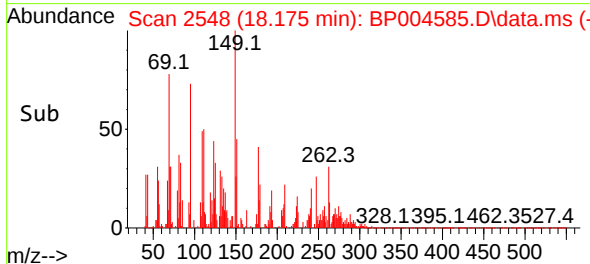
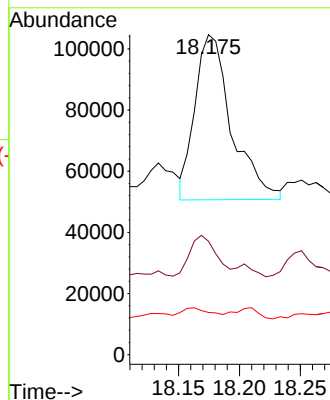
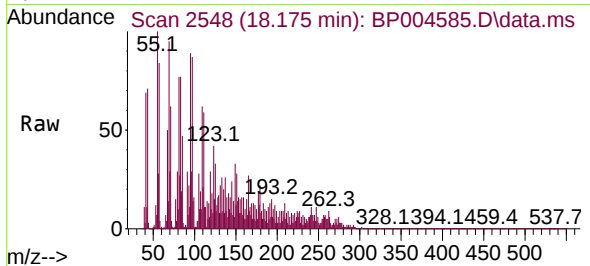




#74  
Di-n-butylphthalate  
Concen: 2.05 ng  
RT: 18.175 min Scan# 2548  
Delta R.T. -0.012 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

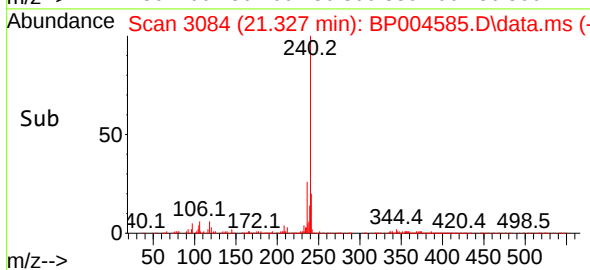
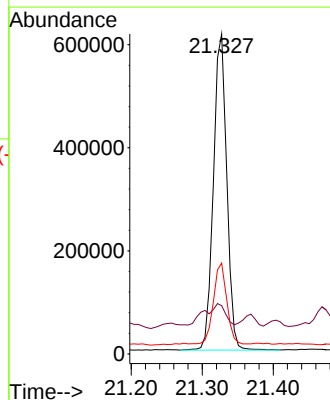
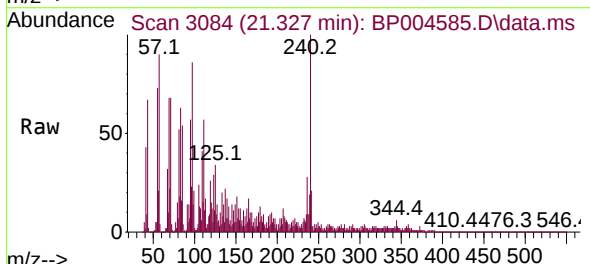
Instrument :  
BNA\_P  
ClientSampled :  
VNJ-223

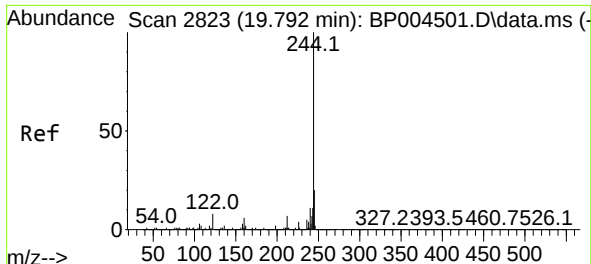
Tgt Ion:149 Resp: 112922  
Ion Ratio Lower Upper  
149 100  
150 35.4 7.3 10.9#  
104 13.2 3.4 5.0#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.327 min Scan# 3084  
Delta R.T. 0.006 min  
Lab File: BP004585.D  
Acq: 15 Jan 2021 20:02

Tgt Ion:240 Resp: 799934  
Ion Ratio Lower Upper  
240 100  
120 15.1 7.8 11.6#  
236 28.4 20.8 31.2

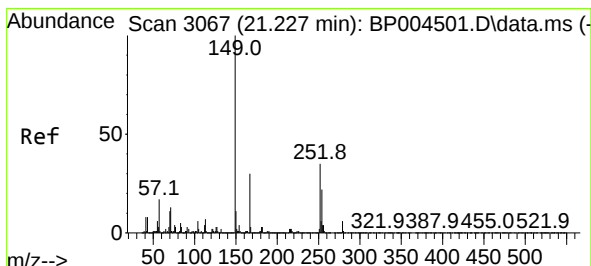
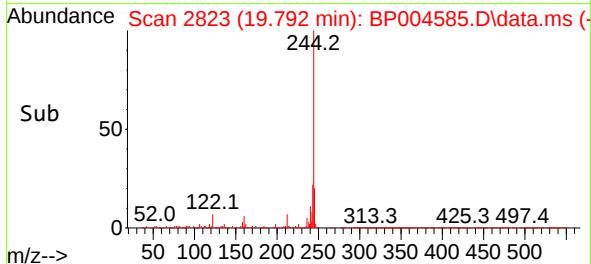
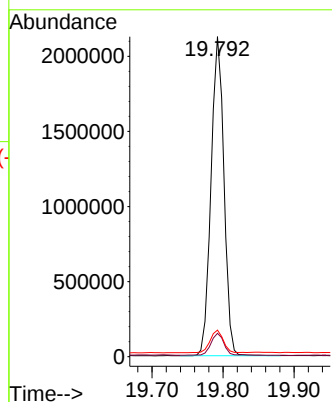
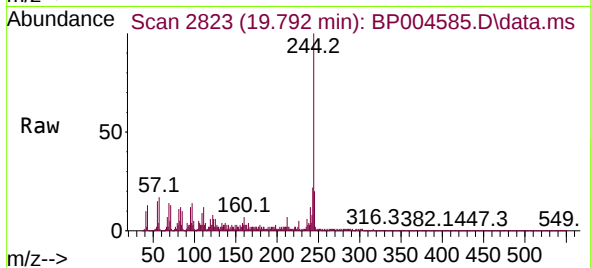




#79  
 Terphenyl-d14  
 Concen: 61.39 ng  
 RT: 19.792 min Scan# 2823  
 Delta R.T. -0.000 min  
 Lab File: BP004585.D  
 Acq: 15 Jan 2021 20:02

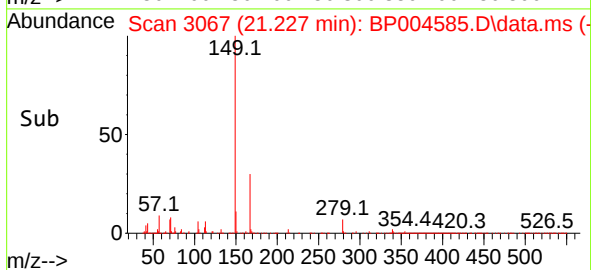
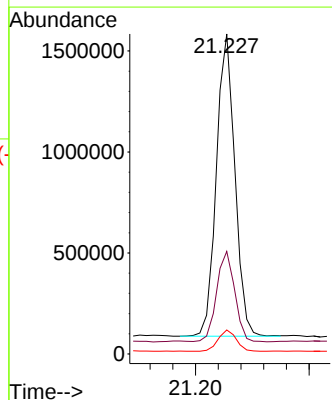
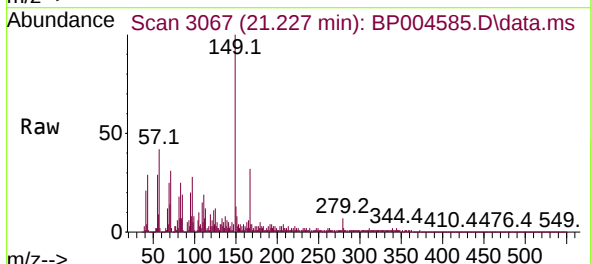
Instrument :  
 BNA\_P  
 ClientSampleId :  
 VNJ-223

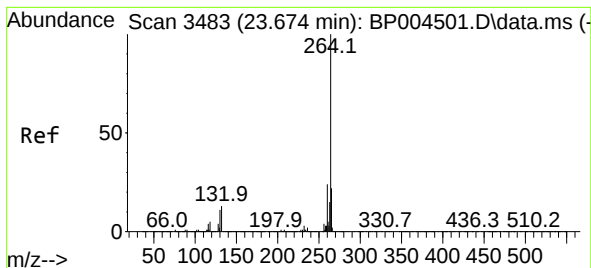
Tgt Ion:244 Resp: 2687925  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.6  
 122 8.3 7.8 11.8



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 53.79 ng  
 RT: 21.227 min Scan# 3067  
 Delta R.T. -0.000 min  
 Lab File: BP004585.D  
 Acq: 15 Jan 2021 20:02

Tgt Ion:149 Resp: 1690833  
 Ion Ratio Lower Upper  
 149 100  
 167 32.0 22.6 34.0  
 279 7.5 4.2 6.2#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.698 min Scan# 3487

Delta R.T. 0.024 min

Lab File: BP004585.D

Acq: 15 Jan 2021 20:02

Instrument :

BNA\_P

ClientSampleId :

VNJ-223

Tgt Ion:264 Resp: 1085427

Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 23.4 17.4 26.2

