

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101024\  
 Data File : BF139757.D  
 Acq On : 10 Oct 2024 20:21  
 Operator : RC/JU  
 Sample : P4375-19  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-PADS-10

Quant Time: Oct 10 23:20:19 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

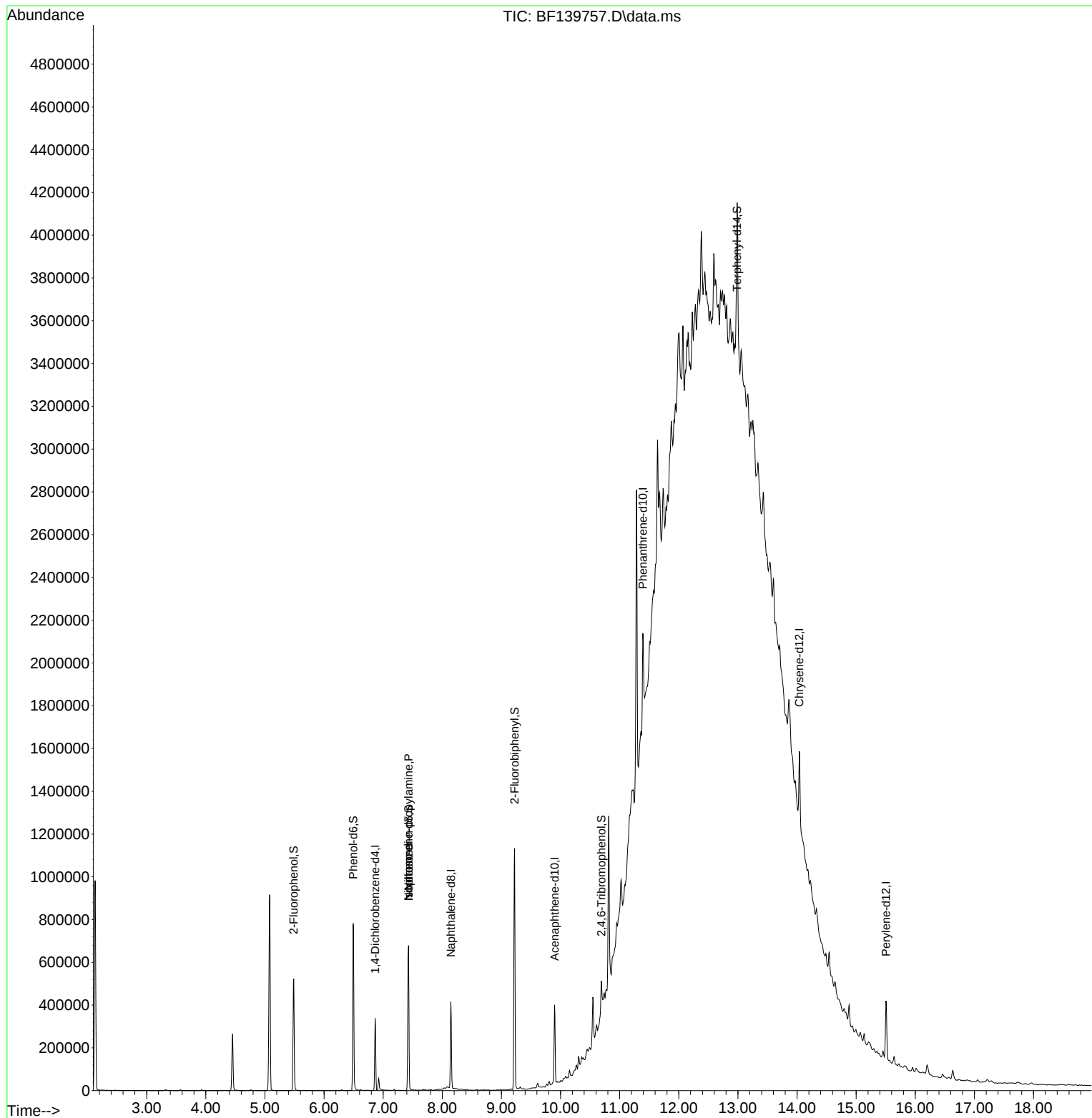
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 67742    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.145  | 136  | 240260   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.898  | 164  | 110453   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.392 | 188  | 156818   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.039 | 240  | 139320   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.504 | 264  | 153715   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 186226   | 47.648 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.493  | 99   | 353253   | 67.210 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.428  | 82   | 287344   | 60.552 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 27709    | 25.987 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 498146   | 69.237 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 365600   | 43.058 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.428  | 70   | 39414    | 11.664 | ng    | # 75     |
| 25) Isophorone                | 7.428  | 82   | 284125   | 33.711 | ng    | # 66     |
| -----                         |        |      |          |        |       |          |

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

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Sample : P4375-19  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PADS-10

Quant Time: Oct 10 23:20:19 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 02 04:58:47 2024  
Response via : Initial Calibration

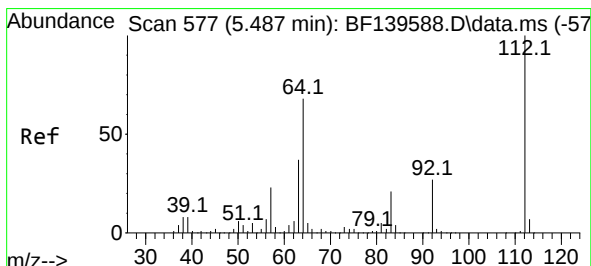
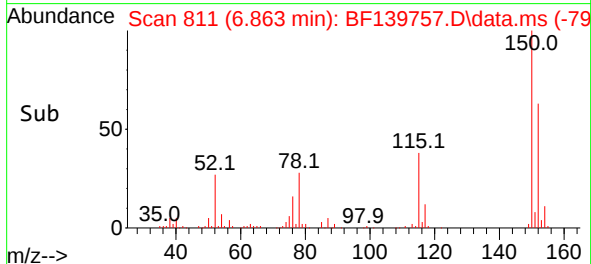
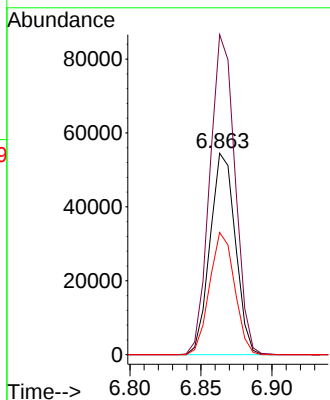
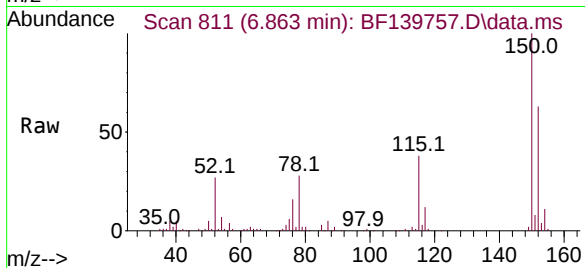




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: BF139757.D  
Acq: 10 Oct 2024 20:21

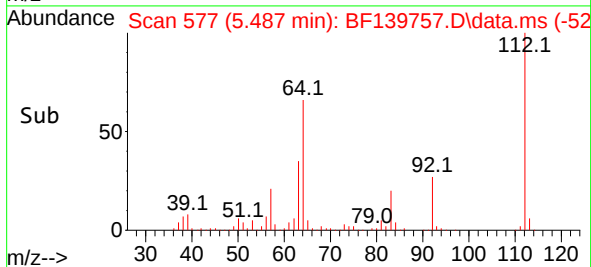
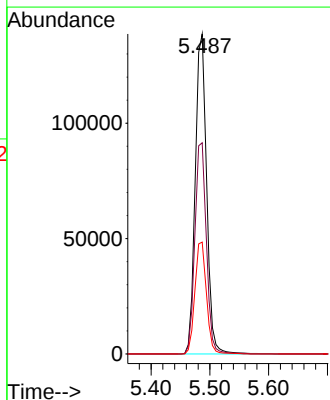
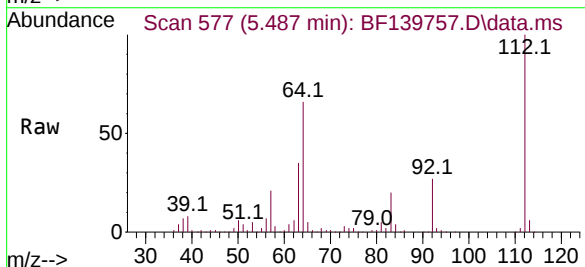
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PADS-10

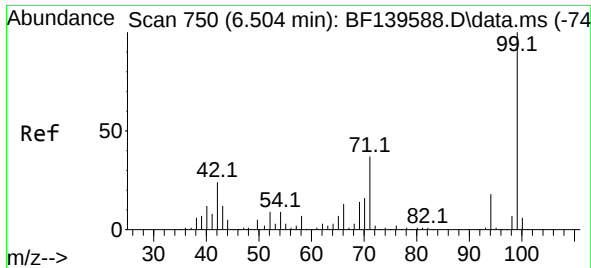
Tgt Ion:152 Resp: 67742  
Ion Ratio Lower Upper  
152 100  
150 158.9 127.2 190.8  
115 60.7 49.0 73.4



#5  
2-Fluorophenol  
Concen: 47.648 ng  
RT: 5.487 min Scan# 577  
Delta R.T. -0.000 min  
Lab File: BF139757.D  
Acq: 10 Oct 2024 20:21

Tgt Ion:112 Resp: 186226  
Ion Ratio Lower Upper  
112 100  
64 66.0 54.2 81.4  
63 35.0 29.4 44.2

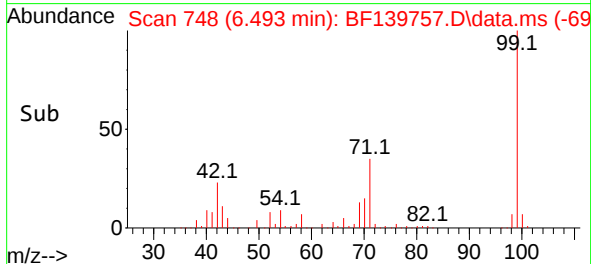
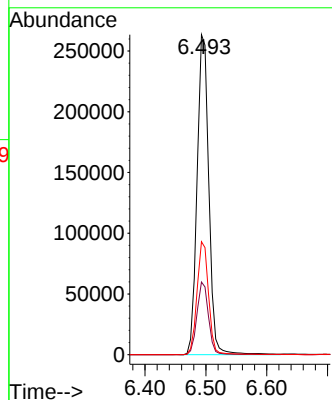
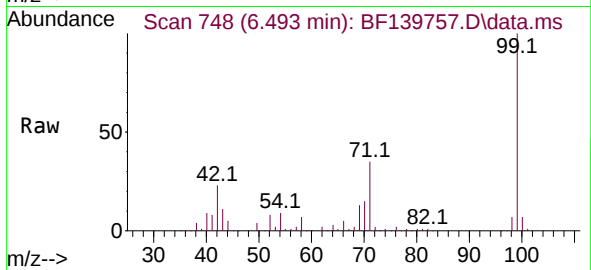




#7  
Phenol-d6  
Concen: 67.210 ng  
RT: 6.493 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF139757.D  
Acq: 10 Oct 2024 20:21

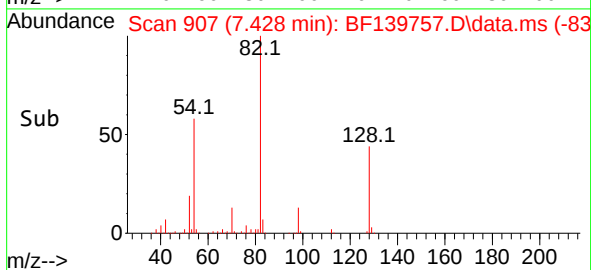
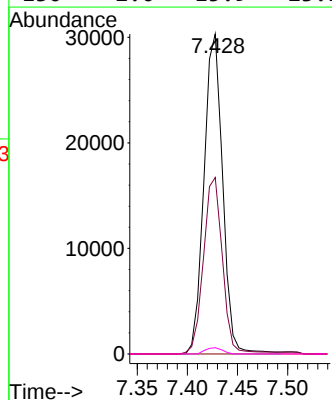
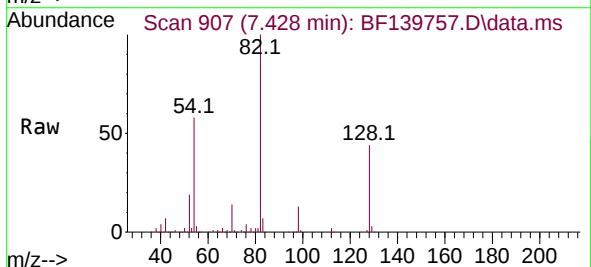
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PADS-10

Tgt Ion: 99 Resp: 353253  
Ion Ratio Lower Upper  
99 100  
42 22.7 19.1 28.7  
71 35.3 29.7 44.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.664 ng  
RT: 7.428 min Scan# 907  
Delta R.T. 0.141 min  
Lab File: BF139757.D  
Acq: 10 Oct 2024 20:21

Tgt Ion: 70 Resp: 39414  
Ion Ratio Lower Upper  
70 100  
42 55.2 58.0 87.0#  
101 0.0 7.8 11.8#  
130 2.0 15.9 23.9#



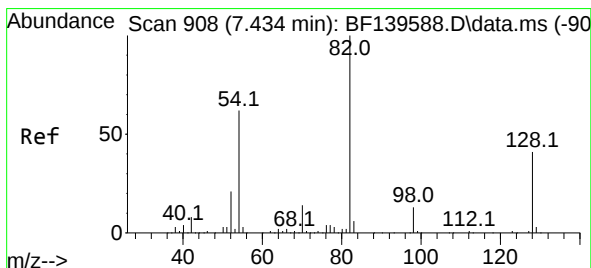
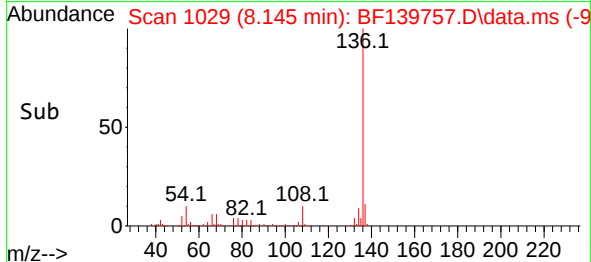
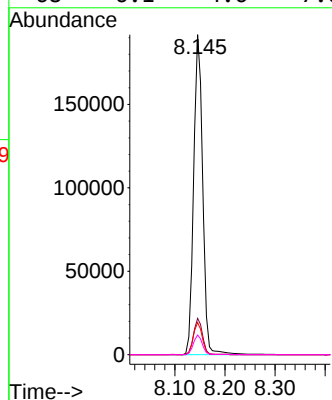
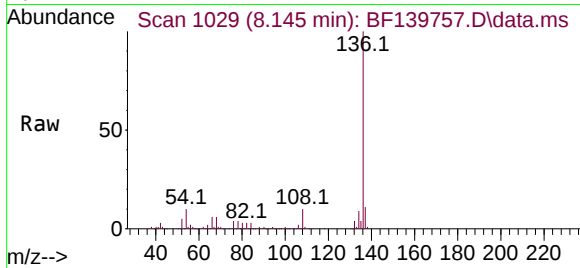


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF139757.D  
Acq: 10 Oct 2024 20:21

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PADS-10

Tgt Ion:136 Resp: 240260

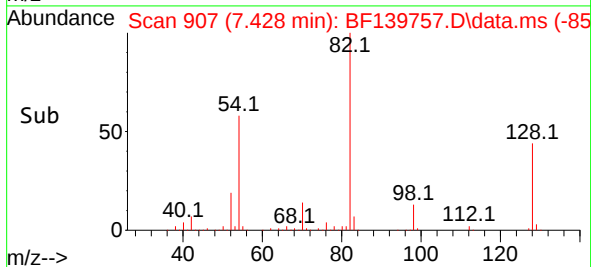
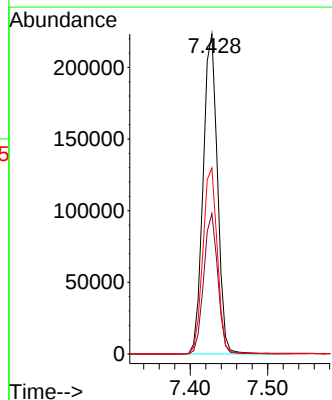
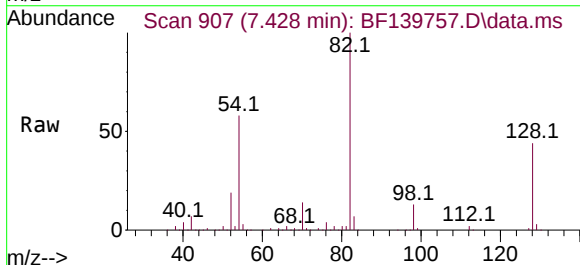
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 8.6   | 13.0  |
| 54  | 10.1  | 8.3   | 12.5  |
| 68  | 6.1   | 4.6   | 7.0   |



#23  
Nitrobenzene-d5  
Concen: 60.552 ng  
RT: 7.428 min Scan# 907  
Delta R.T. -0.006 min  
Lab File: BF139757.D  
Acq: 10 Oct 2024 20:21

Tgt Ion: 82 Resp: 287344

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.8  | 32.4  | 48.6  |
| 54  | 58.1  | 49.1  | 73.7  |

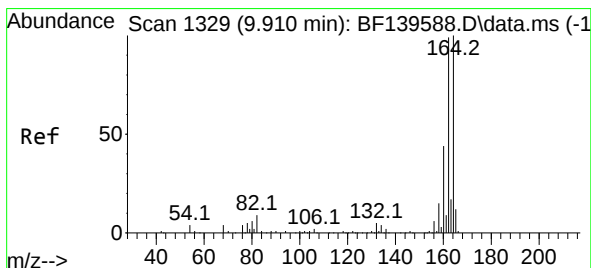
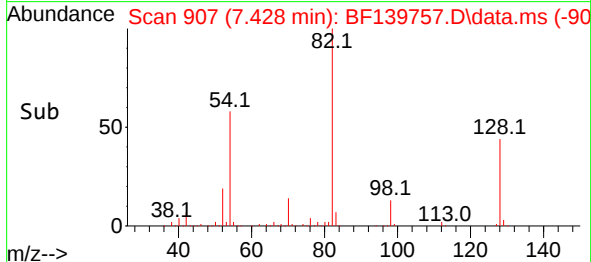
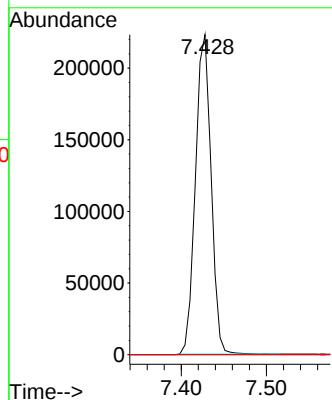
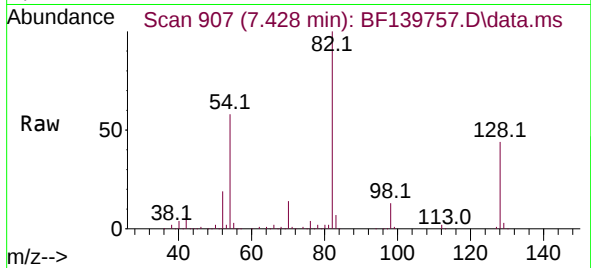




#25  
Isophorone  
Concen: 33.711 ng  
RT: 7.428 min Scan# 90  
Delta R.T. -0.265 min  
Lab File: BF139757.D  
Acq: 10 Oct 2024 20:21

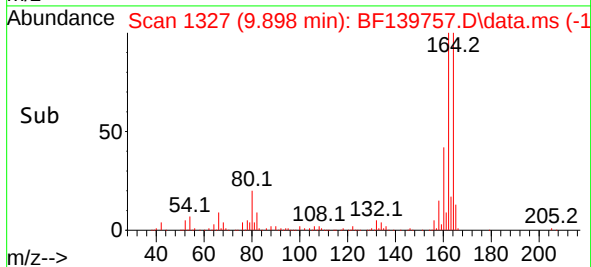
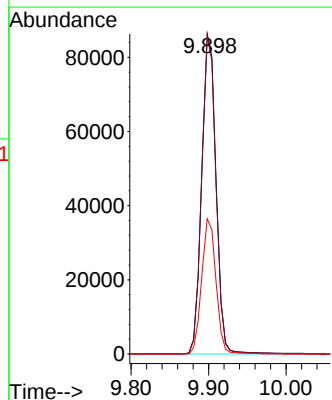
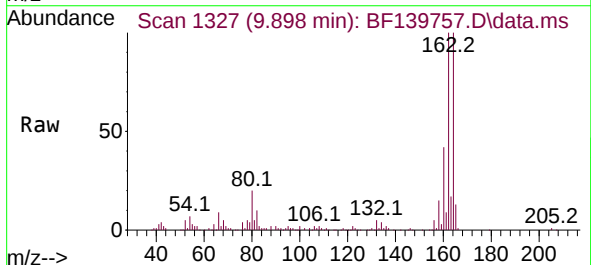
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-PADS-10

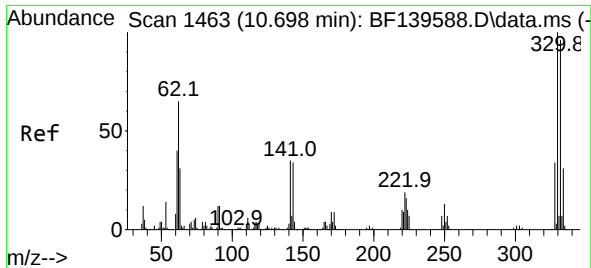
Tgt Ion: 82 Resp: 284125  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.1 9.1#  
138 0.0 13.4 20.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.898 min Scan# 1327  
Delta R.T. -0.012 min  
Lab File: BF139757.D  
Acq: 10 Oct 2024 20:21

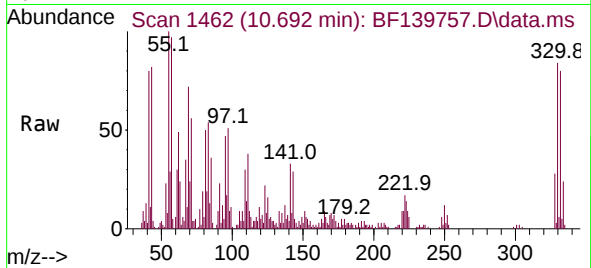
Tgt Ion:164 Resp: 110453  
Ion Ratio Lower Upper  
164 100  
162 99.5 79.4 119.0  
160 42.3 35.1 52.7



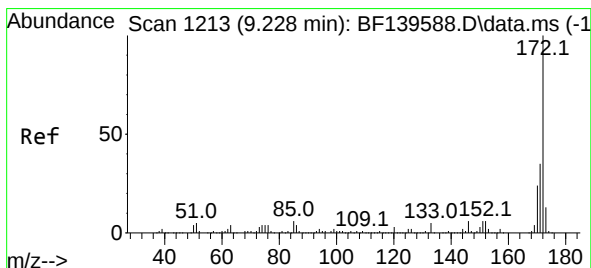
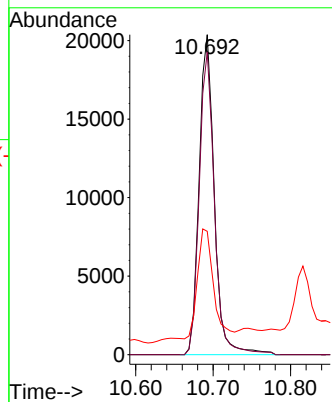
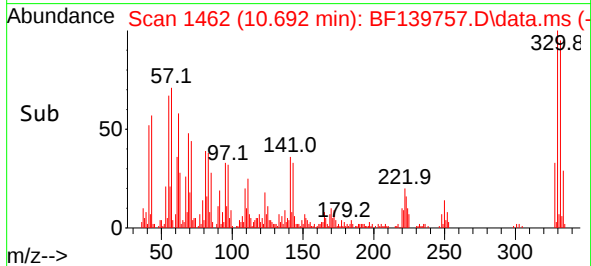


#42  
2,4,6-Tribromophenol  
Concen: 25.987 ng  
RT: 10.692 min Scan# 1462  
Delta R.T. -0.006 min  
Lab File: BF139757.D  
Acq: 10 Oct 2024 20:21

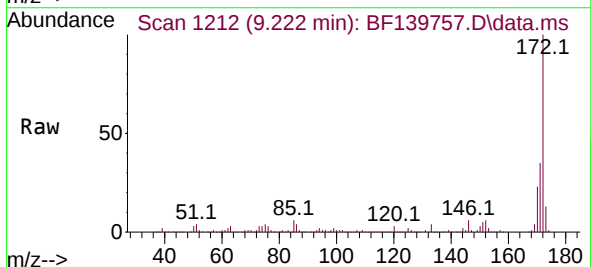
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BNA\_F  
ClientSampleId :  
CONCRETE-PADS-10



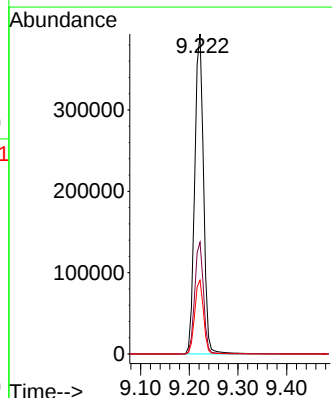
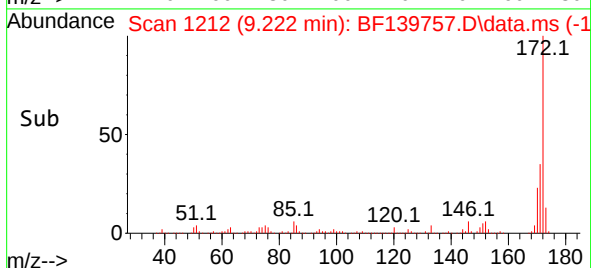
Tgt Ion:330 Resp: 27709  
Ion Ratio Lower Upper  
330 100  
332 94.9 76.5 114.7  
141 36.4 29.3 43.9

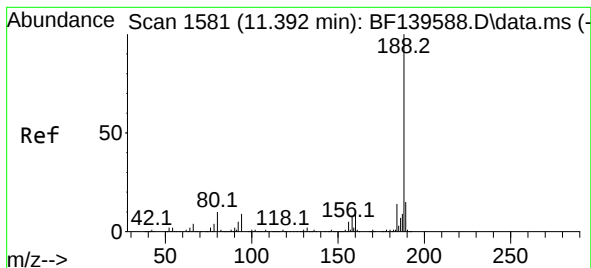


#45  
2-Fluorobiphenyl  
Concen: 69.237 ng  
RT: 9.222 min Scan# 1212  
Delta R.T. -0.006 min  
Lab File: BF139757.D  
Acq: 10 Oct 2024 20:21



Tgt Ion:172 Resp: 498146  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.2 42.4  
170 23.1 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139757.D

Acq: 10 Oct 2024 20:21

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-PADS-10

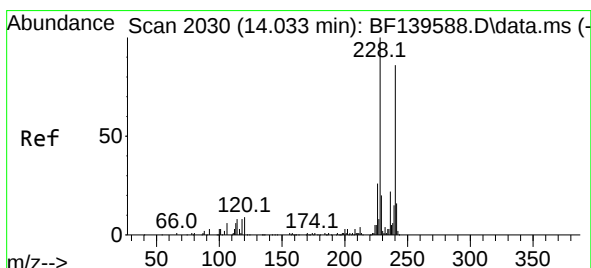
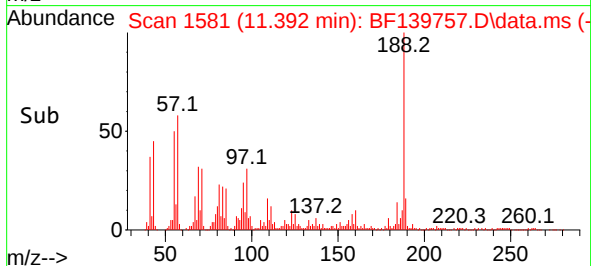
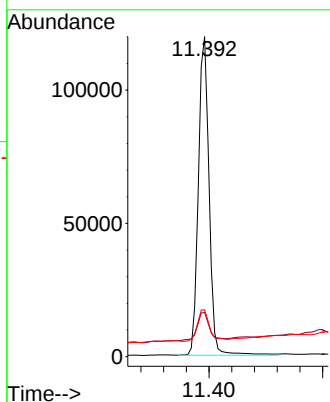
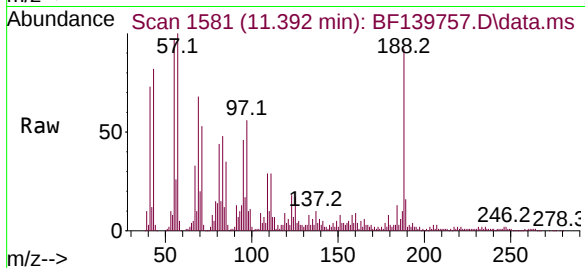
Tgt Ion:188 Resp: 156818

Ion Ratio Lower Upper

188 100

94 13.8 7.4 11.2#

80 14.7 8.2 12.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139757.D

Acq: 10 Oct 2024 20:21

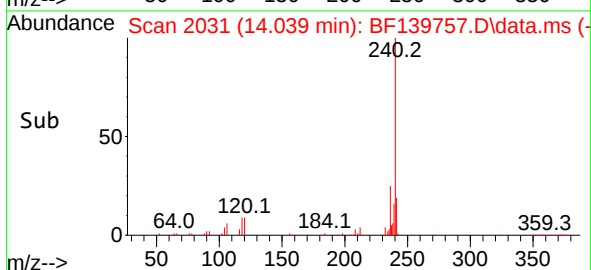
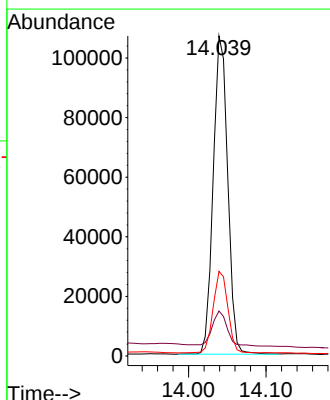
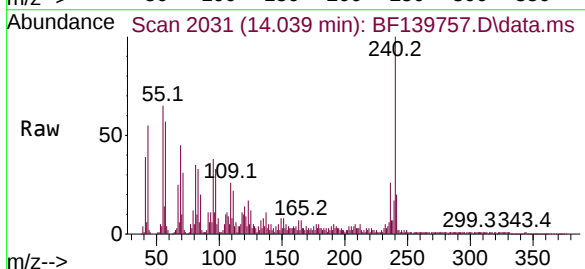
Tgt Ion:240 Resp: 139320

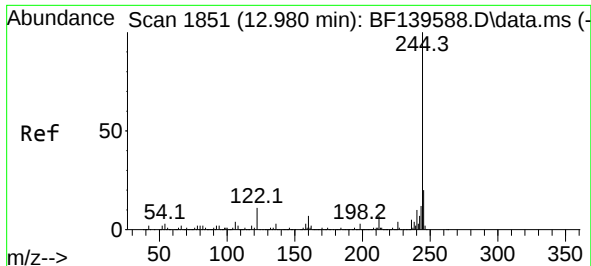
Ion Ratio Lower Upper

240 100

120 14.1 8.4 12.6#

236 26.5 20.3 30.5

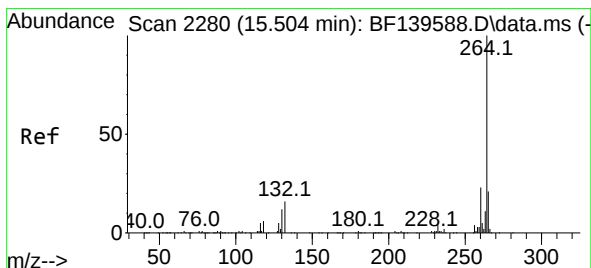
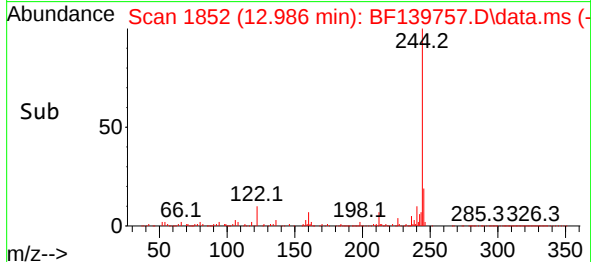
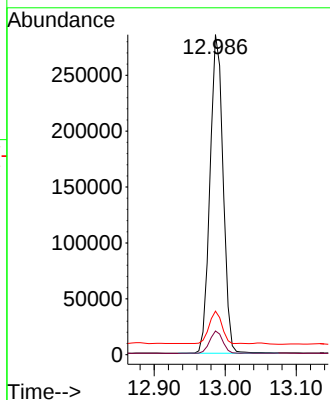
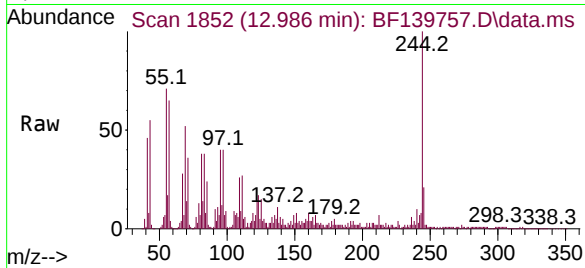




#79  
Terphenyl-d14  
Concen: 43.058 ng  
RT: 12.986 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF139757.D  
Acq: 10 Oct 2024 20:21

Instrument :  
BNA\_F  
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Tgt Ion:244 Resp: 365600  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.8 8.6  
122 13.6 8.6 12.8#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.504 min Scan# 2280  
Delta R.T. 0.000 min  
Lab File: BF139757.D  
Acq: 10 Oct 2024 20:21

Tgt Ion:264 Resp: 153715  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.7 28.1  
265 21.6 16.9 25.3

