

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\  
 Data File : BM015868.D  
 Acq On : 10 Jul 2018 09:30  
 Operator : SJ/JU  
 Sample : J3901-04RE  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-9-SRE

Quant Time: Jul 10 12:02:06 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 05 17:39:50 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.30  | 152  | 51448    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 11.12 | 136  | 201240   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 14.92 | 164  | 122244   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 17.64 | 188  | 307301   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 21.75 | 240  | 327636   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 24.15 | 264  | 286684   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.80  | 112  | 421962   | 140.66 | ng    | -0.02    |
| 7) Phenol-d6                | 7.45  | 99   | 487121   | 118.61 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.48  | 82   | 438300   | 106.27 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 16.40 | 330  | 282430   | 176.82 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 13.54 | 172  | 989238   | 100.47 | ng    | -0.02    |
| 78) Terphenyl-d14           | 20.20 | 244  | 2125039  | 120.31 | ng    | -0.02    |

Target Compounds Qvalue

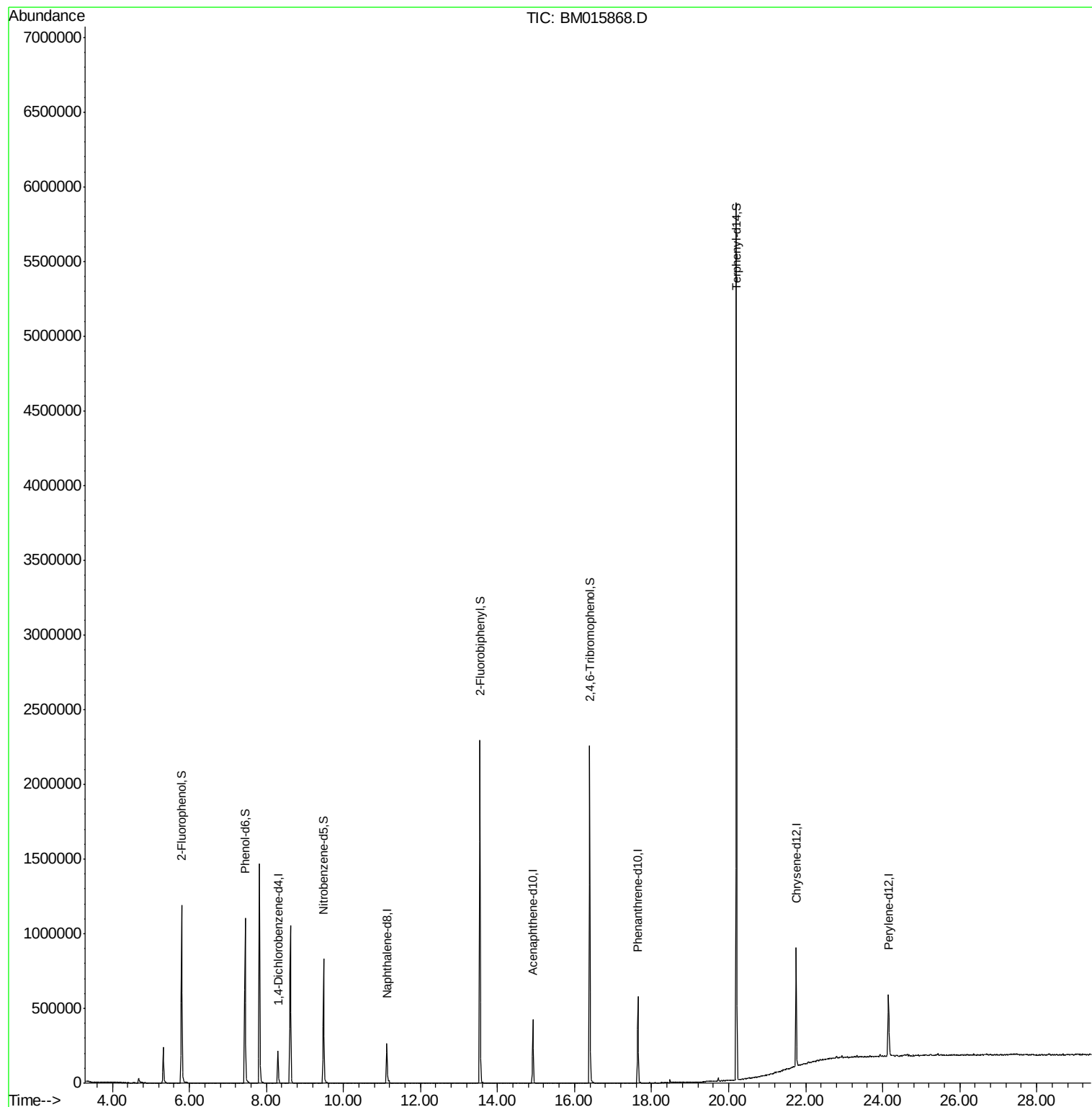
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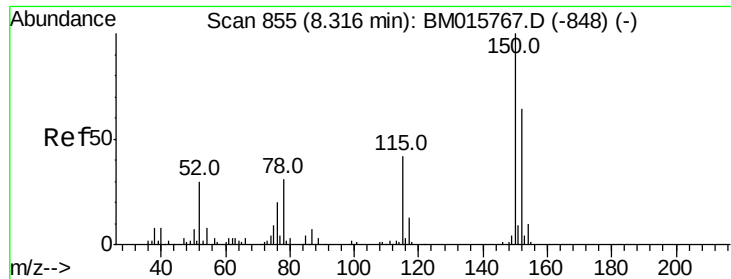
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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QLast Update : Thu Jul 05 17:39:50 2018  
Response via : Initial Calibration



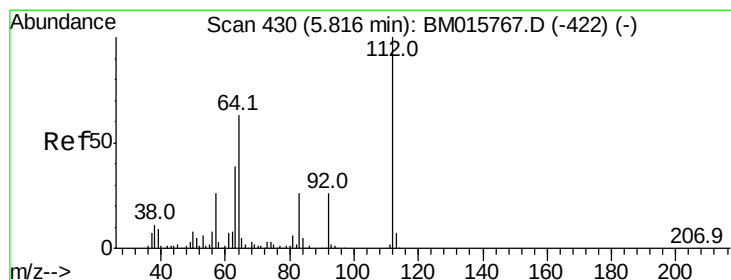
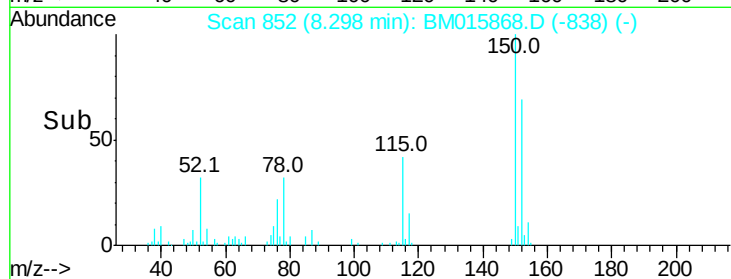
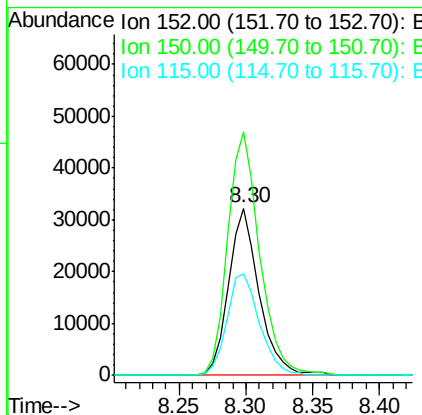
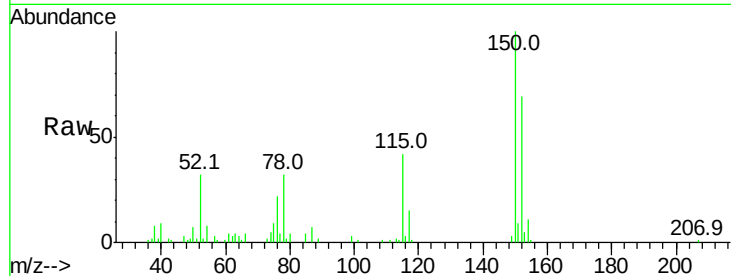


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.30 min Scan# 852  
Delta R.T. -0.02 min  
Lab File: BM015868.D  
Acq: 10 Jul 2018 09:30

Instrument :  
BNA\_M  
ClientSampleId :  
TP-9-SRE

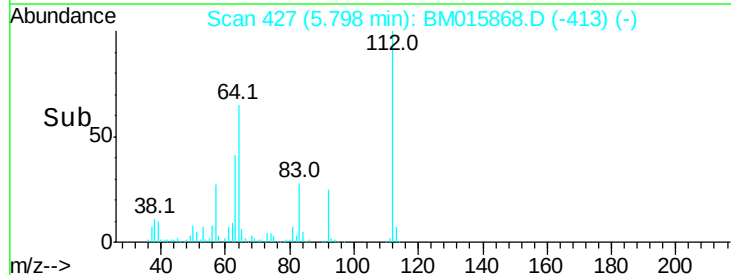
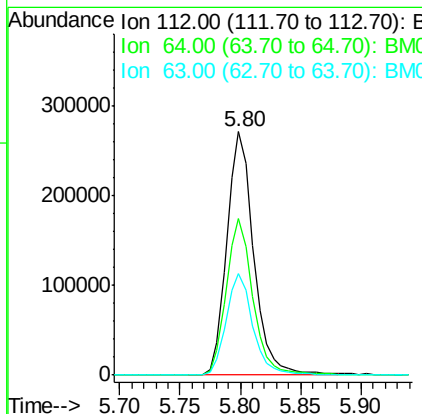
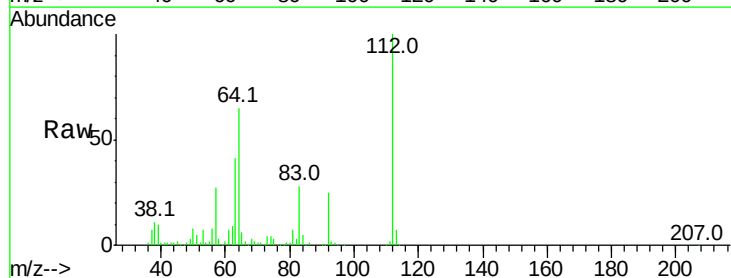
Tot Ion:152 Resp: 51448  
Ion Ratio Lower Upper  
152 100  
150 145.8 119.5 179.3  
115 60.9 43.0 64.4

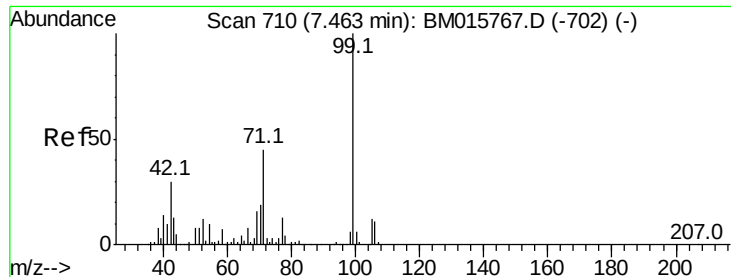


#5

2-Fluorophenol  
Concen: Below ng  
RT: 5.80 min Scan# 427  
Delta R.T. -0.02 min  
Lab File: BM015868.D  
Acq: 10 Jul 2018 09:30

Tgt Ion:112 Resp: 421962  
Ion Ratio Lower Upper  
112 100  
64 64.6 38.6 57.8#  
63 41.5 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015868.D

Acq: 10 Jul 2018 09:30

Instrument :

BNA\_M

ClientSampleId :

TP-9-SRE

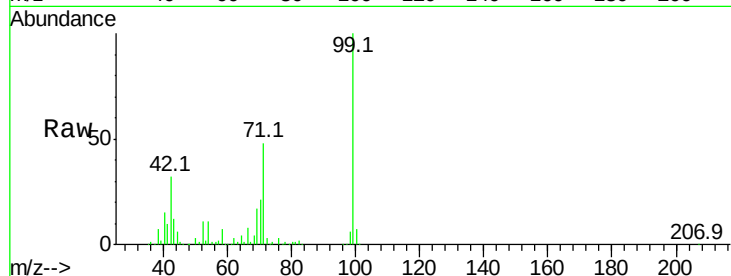
Tot Ion: 99 Resp: 487121

Ion Ratio Lower Upper

99 100

42 31.6 11.0 16.4#

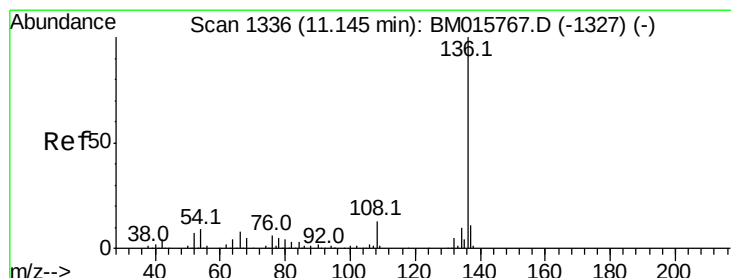
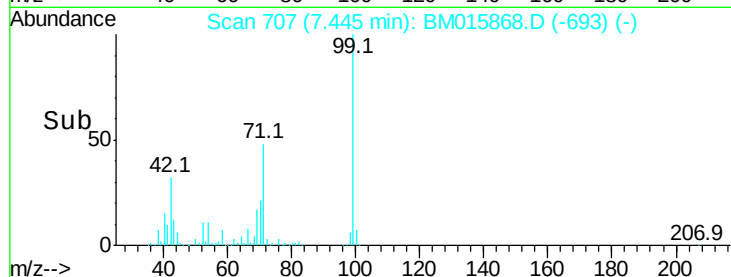
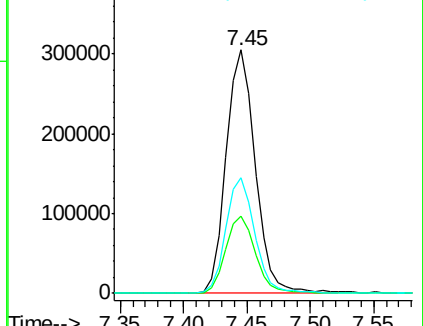
71 47.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-702) (-)

Ion 71.00 (70.70 to 71.70): BM015767.D (-702) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM015868.D

Acq: 10 Jul 2018 09:30

Tgt Ion: 136 Resp: 201240

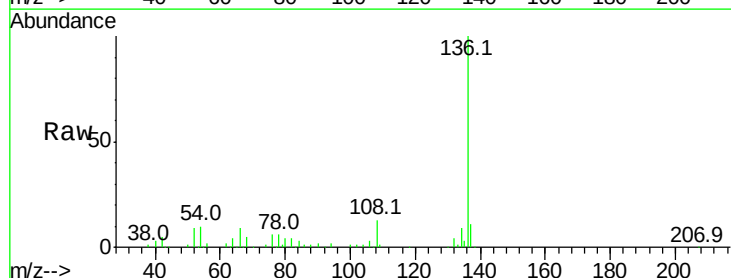
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.5 4.6 6.8#

68 4.8 3.7 5.5

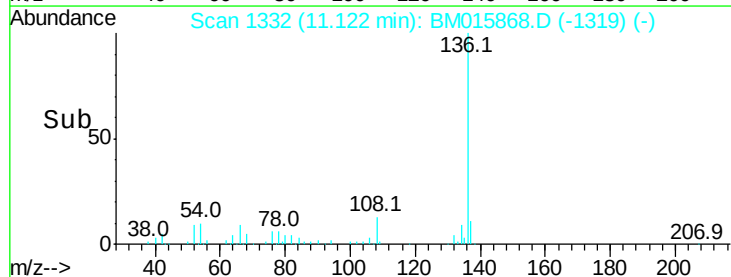
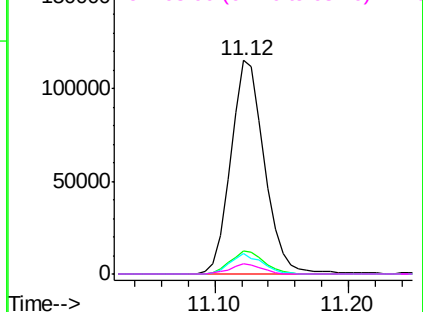


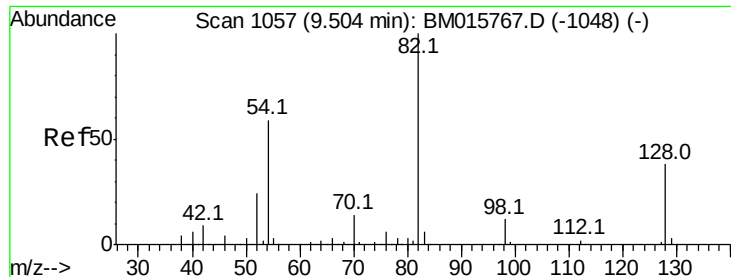
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015767.D (-1327) (-)

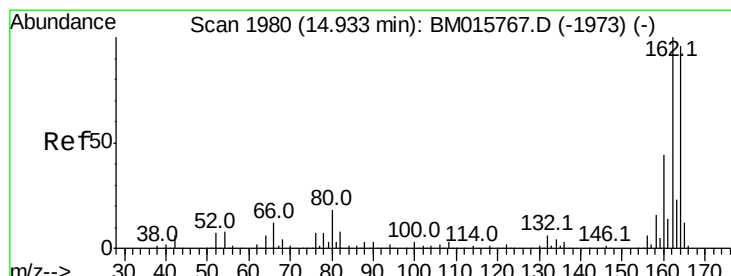
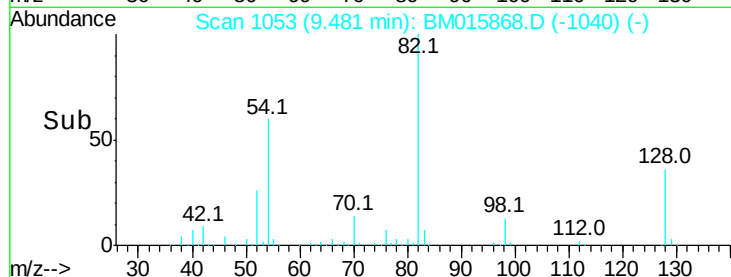
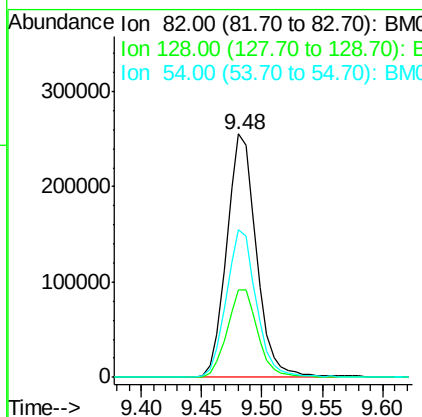
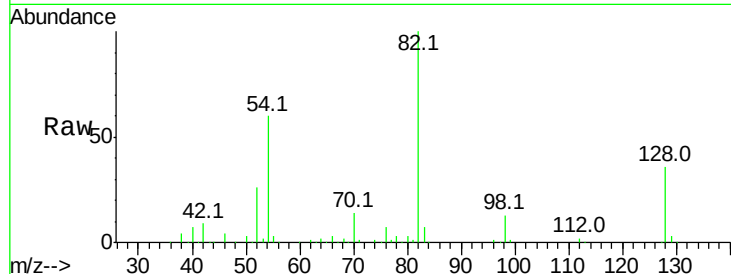




#23  
 Nitrobenzene-d5  
 Concen: N.D. ng  
 RT: 9.48 min Scan# 1053  
 Delta R.T. -0.02 min  
 Lab File: BM015868.D  
 Acq: 10 Jul 2018 09:30

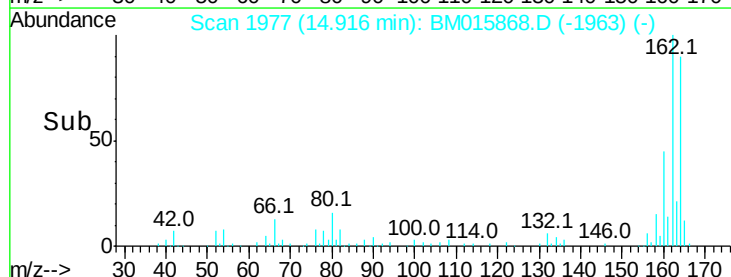
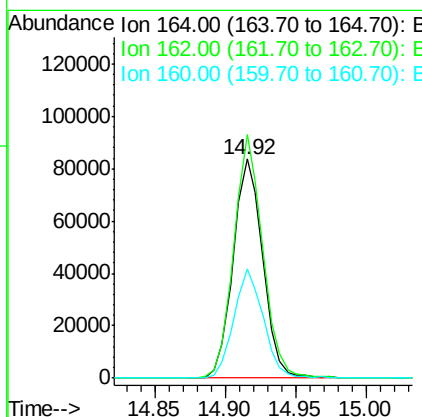
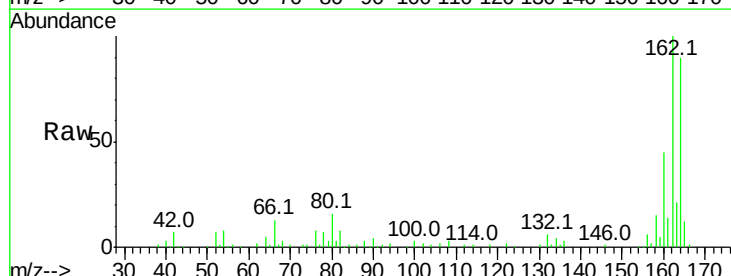
Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-9-SRE

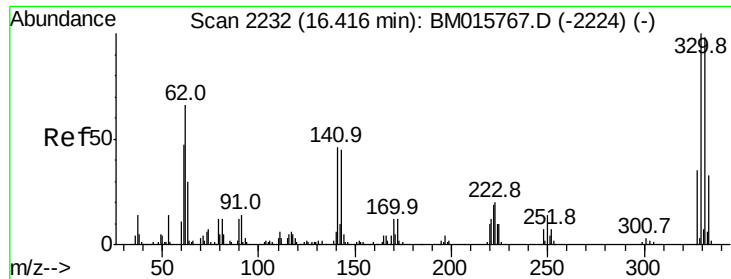
| Tot Ion | 82    | Resp  | 438300 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 35.7  | 32.8  | 49.2   |
| 54      | 60.4  | 40.6  | 60.8   |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.92 min Scan# 1977  
 Delta R.T. -0.02 min  
 Lab File: BM015868.D  
 Acq: 10 Jul 2018 09:30

| Tgt Ion | 164   | Resp  | 122244 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 164     | 100   |       |        |
| 162     | 111.2 | 82.4  | 123.6  |
| 160     | 50.0  | 35.8  | 53.6   |

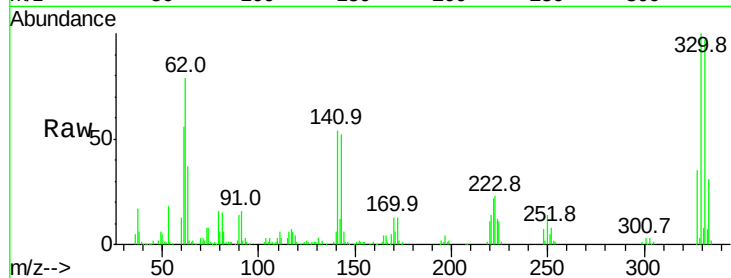




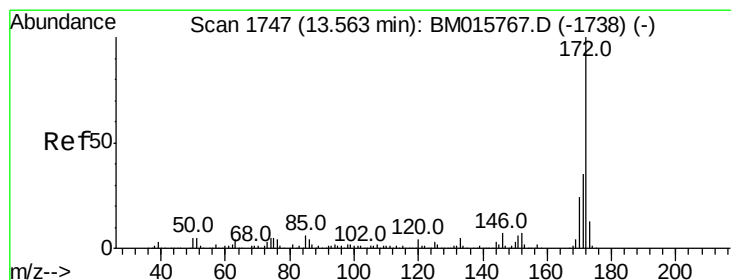
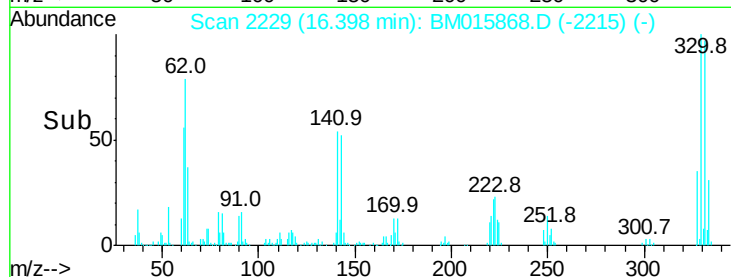
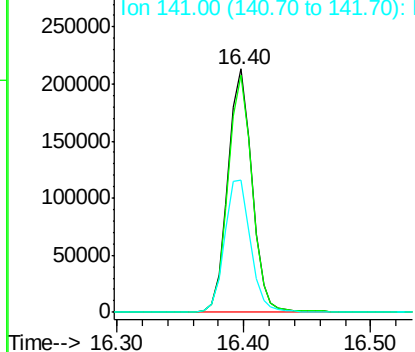
#41  
 2,4,6-Tribromophenol  
 Concen: N.D. ng  
 RT: 16.40 min Scan# 2229  
 Delta R.T. -0.02 min  
 Lab File: BM015868.D  
 Acq: 10 Jul 2018 09:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-9-SRE

Tot Ion:330 Resp: 282430  
 Ion Ratio Lower Upper  
 330 100  
 332 96.8 0.0 0.0#  
 141 58.0 0.0 0.0#

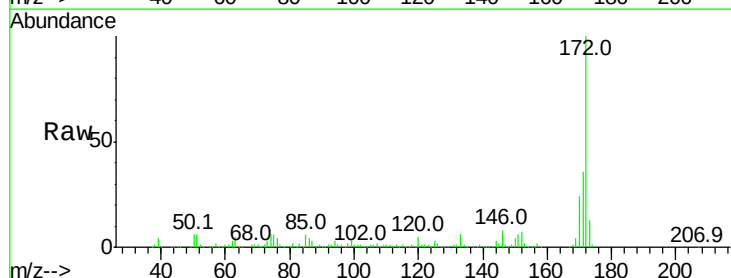


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

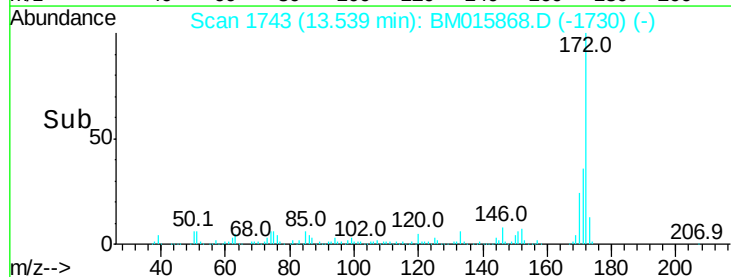
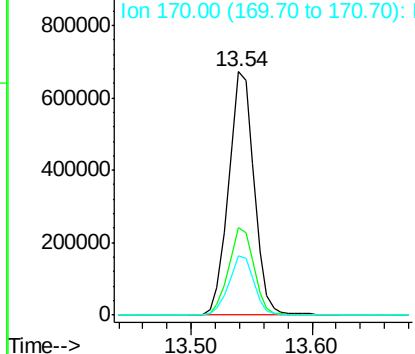


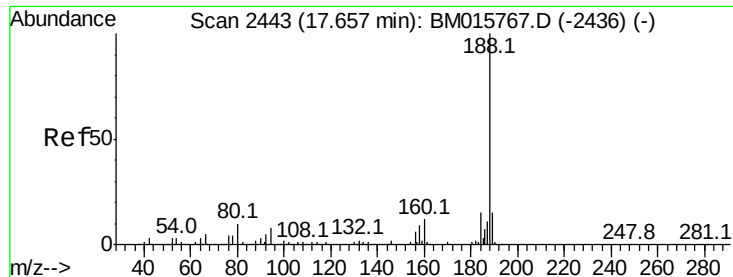
#44  
 2-Fluorobiphenyl  
 Concen: N.D. ng  
 RT: 13.54 min Scan# 1743  
 Delta R.T. -0.02 min  
 Lab File: BM015868.D  
 Acq: 10 Jul 2018 09:30

Tgt Ion:172 Resp: 989238  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 28.5 42.7  
 170 24.2 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

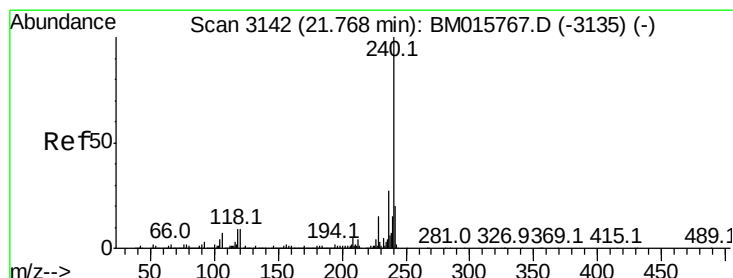
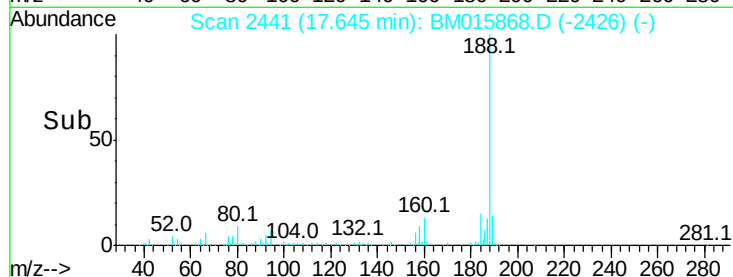
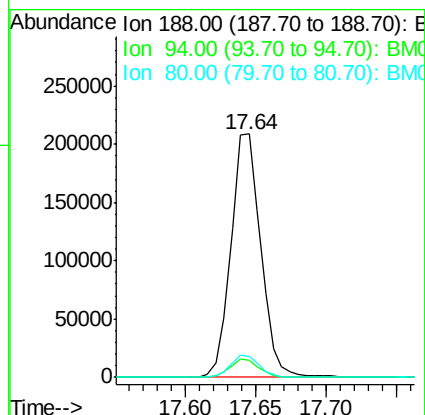
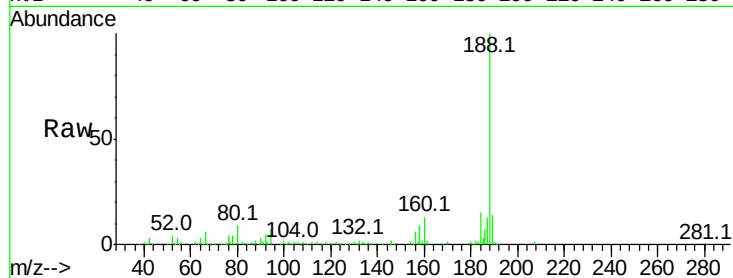




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.64 min Scan# 2441  
Delta R.T. -0.01 min  
Lab File: BM015868.D  
Acq: 10 Jul 2018 09:30

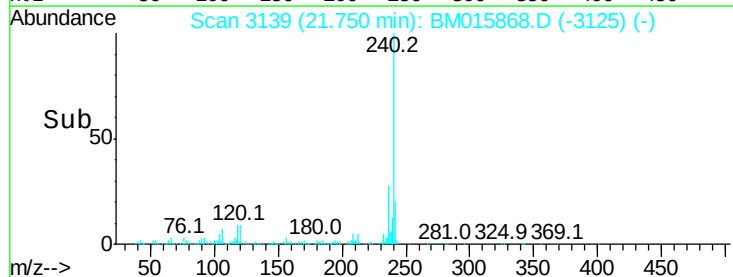
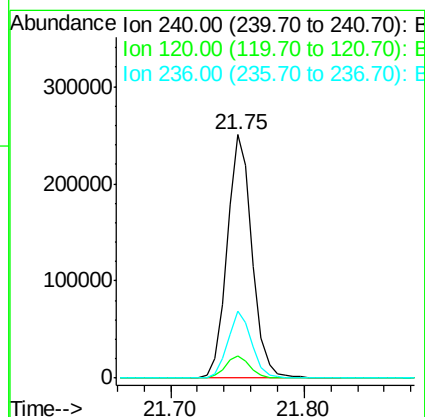
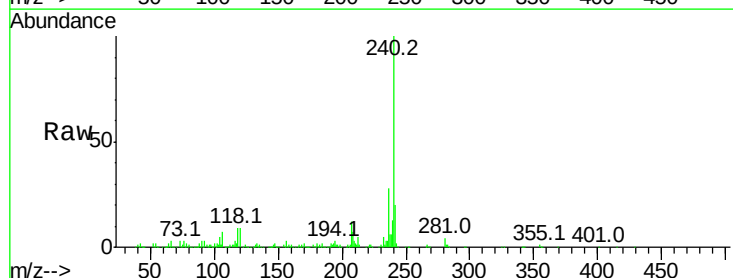
Instrument :  
BNA\_M  
ClientSampleId :  
TP-9-SRE

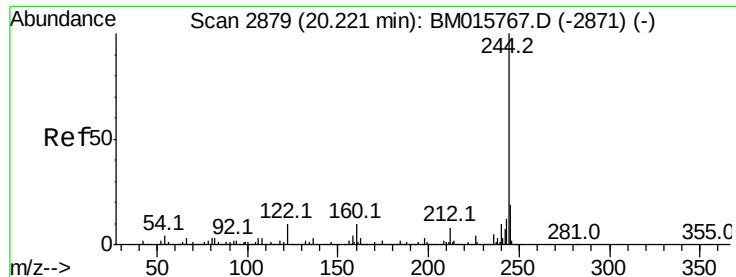
Tot Ion:188 Resp: 307301  
Ion Ratio Lower Upper  
188 100  
94 7.2 8.7 13.1#  
80 8.8 9.3 13.9#



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.75 min Scan# 3139  
Delta R.T. -0.02 min  
Lab File: BM015868.D  
Acq: 10 Jul 2018 09:30

Tgt Ion:240 Resp: 327636  
Ion Ratio Lower Upper  
240 100  
120 8.9 8.2 12.2  
236 27.7 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.20 min Scan# 2876

Delta R.T. -0.02 min

Lab File: BM015868.D

Acq: 10 Jul 2018 09:30

Instrument :

BNA\_M

ClientSampleId :

TP-9-SRE

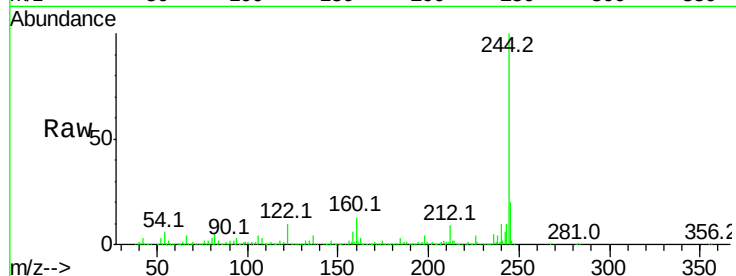
Tot Ion:244 Resp: 2125039

Ion Ratio Lower Upper

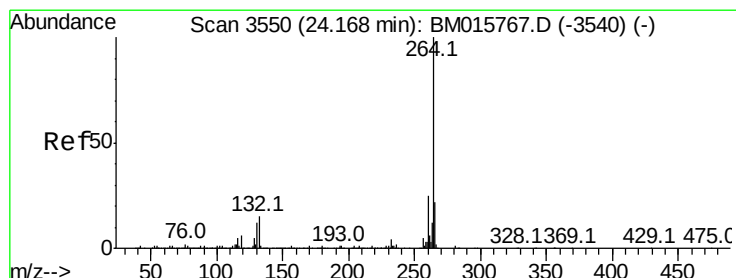
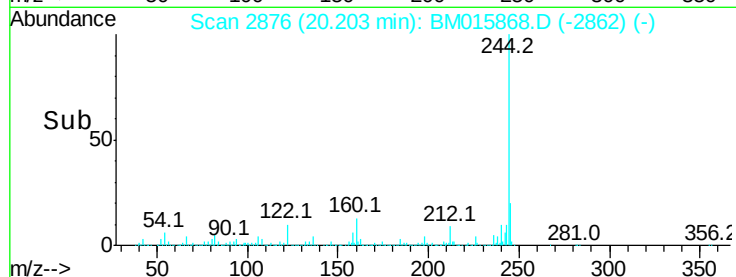
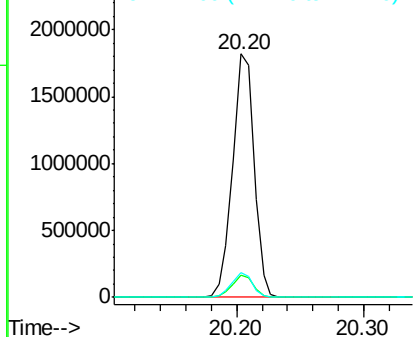
244 100

212 8.9 4.9 7.3#

122 10.3 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.15 min Scan# 3547

Delta R.T. -0.02 min

Lab File: BM015868.D

Acq: 10 Jul 2018 09:30

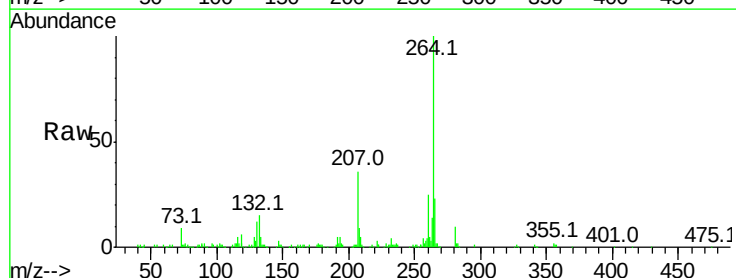
Tgt Ion:264 Resp: 286684

Ion Ratio Lower Upper

264 100

260 24.9 18.6 27.8

265 22.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

