

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\  
 Data File : BF110771.D  
 Acq On : 14 Nov 2018 18:22  
 Operator : JU/SJ  
 Sample : J5889-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WALL-E

Quant Time: Nov 15 05:00:25 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 12:43:10 2018  
 Response via : Initial Calibration

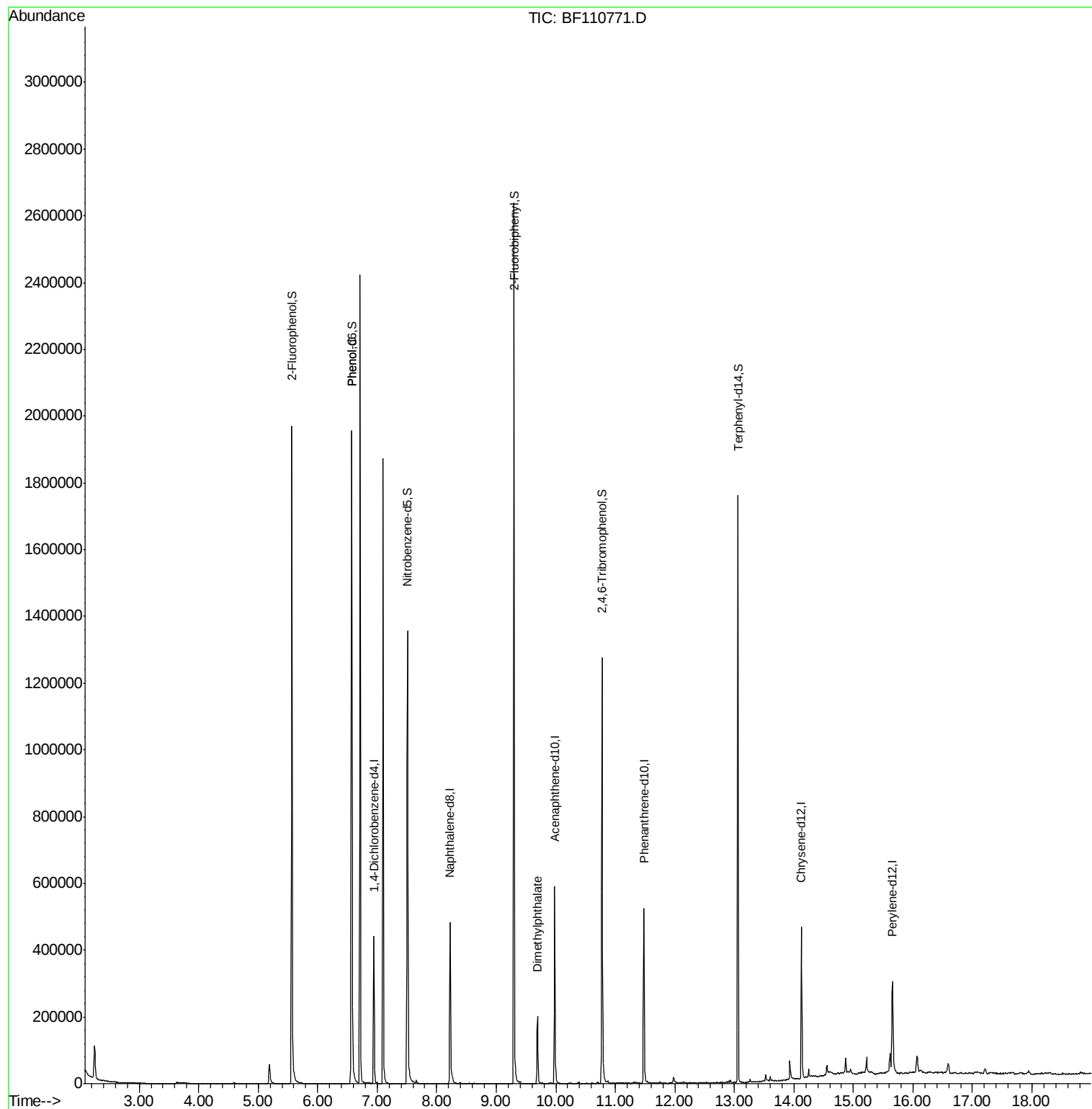
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.95  | 152  | 69981    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.22  | 136  | 287258   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.98  | 164  | 132616   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.48 | 188  | 232563   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.13 | 240  | 157699   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 15.66 | 264  | 141853   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.57  | 112  | 582444   | 135.19 | ng    | 0.00     |
| 7) Phenol-d6                | 6.57  | 99   | 737963   | 133.95 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.51  | 82   | 470883   | 94.40  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.78 | 330  | 169452   | 126.81 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.30  | 172  | 815796   | 87.86  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.06 | 244  | 628005   | 74.58  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.58  | 94   | 49187    | 7.700  | ng    | 82       |
| 50) Dimethylphthalate       | 9.69  | 163  | 96389    | 9.741  | ng    | 99       |

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

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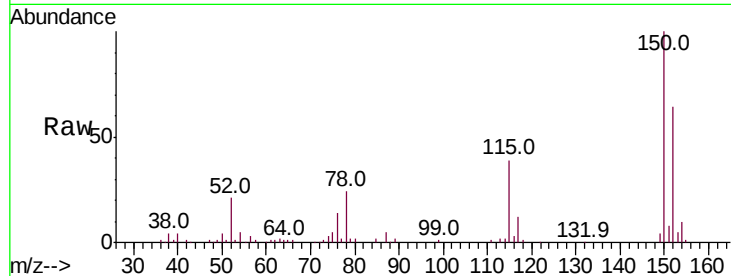


#1

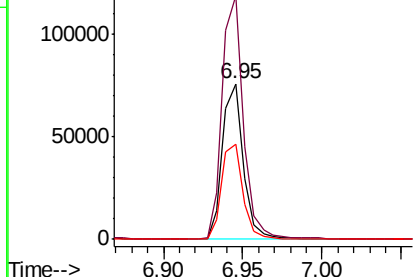
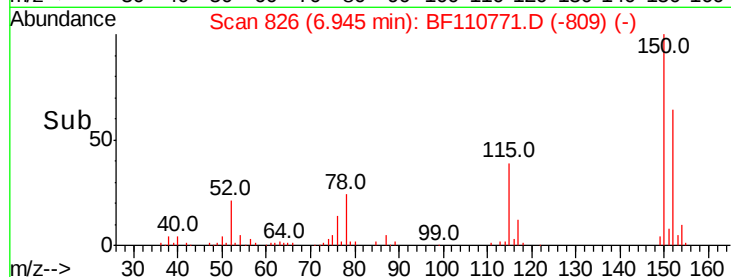
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.95 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: BF110771.D  
Acq: 14 Nov 2018 18:22

Instrument :  
BNA\_F  
ClientSampleId :  
WALL-E

Tot Ion:152 Resp: 69981  
Ion Ratio Lower Upper  
152 100  
150 156.7 122.7 184.1  
115 61.2 49.1 73.7



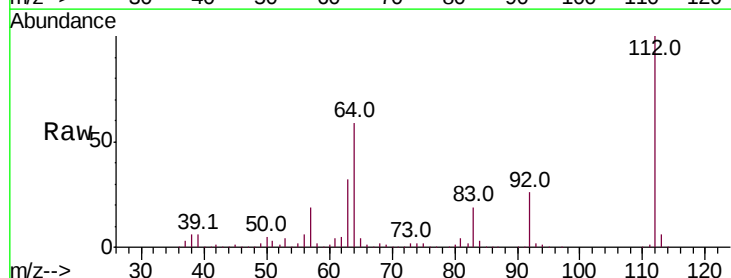
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



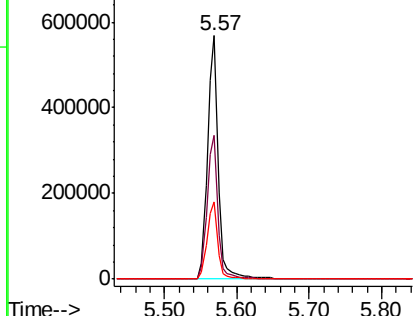
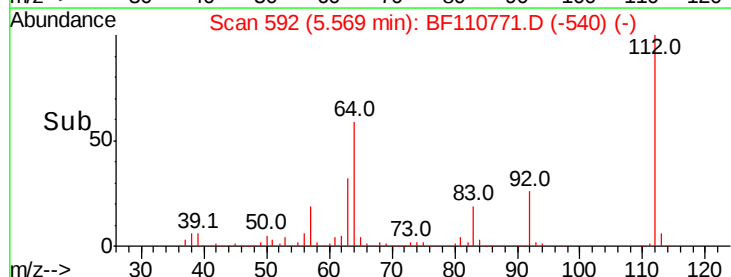
#5

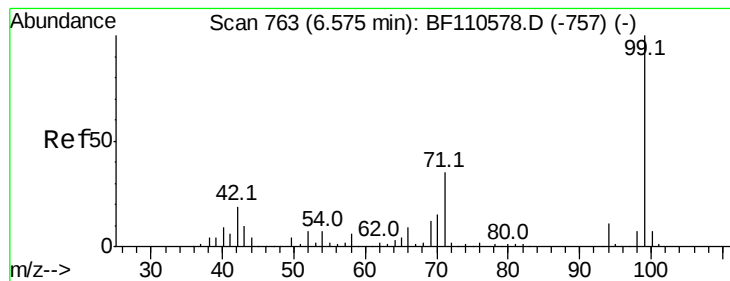
2-Fluorophenol  
Concen: 135.190 ng  
RT: 5.57 min Scan# 592  
Delta R.T. 0.01 min  
Lab File: BF110771.D  
Acq: 14 Nov 2018 18:22

Tgt Ion:112 Resp: 582444  
Ion Ratio Lower Upper  
112 100  
64 59.0 44.1 66.1  
63 31.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 133.948 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

Instrument :

BNA\_F

ClientSampled :

WALL-E

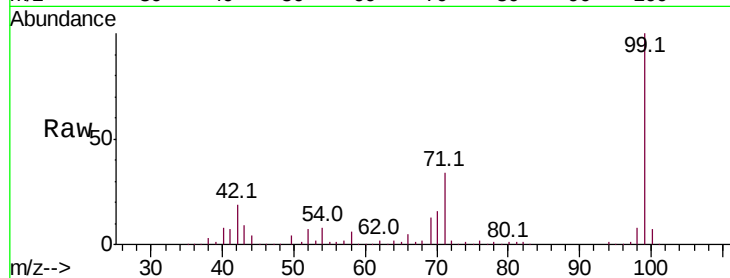
Tot Ion: 99 Resp: 737963

Ion Ratio Lower Upper

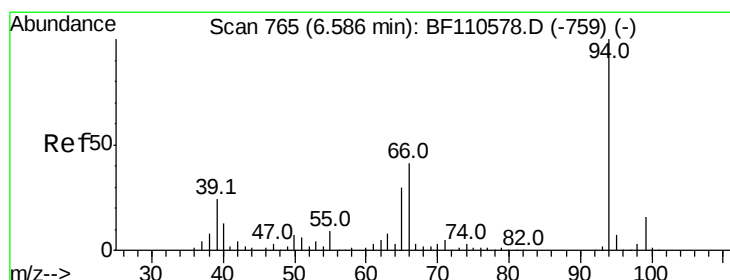
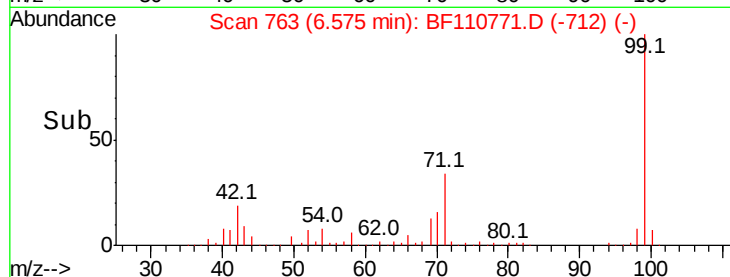
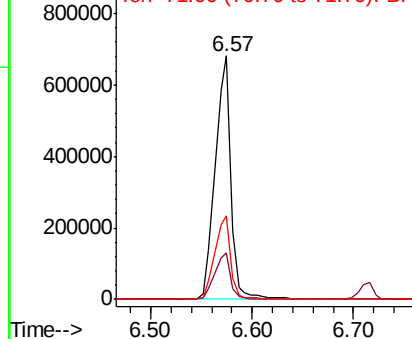
99 100

42 19.1 15.8 23.6

71 34.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 7.700 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

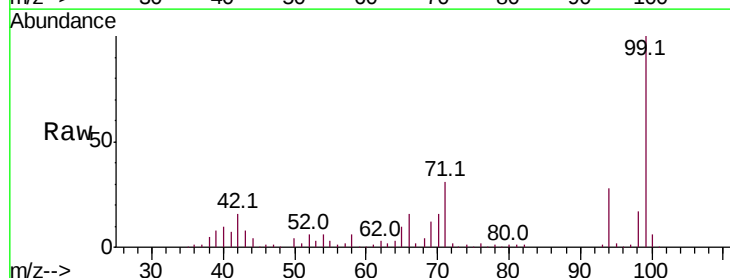
Tgt Ion: 94 Resp: 49187

Ion Ratio Lower Upper

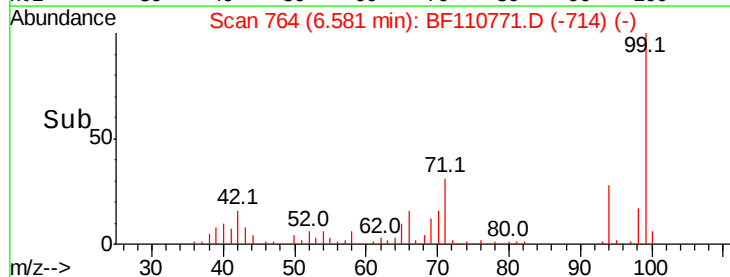
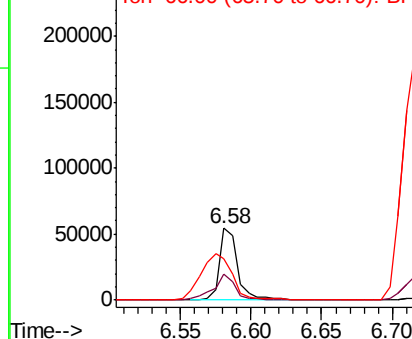
94 100

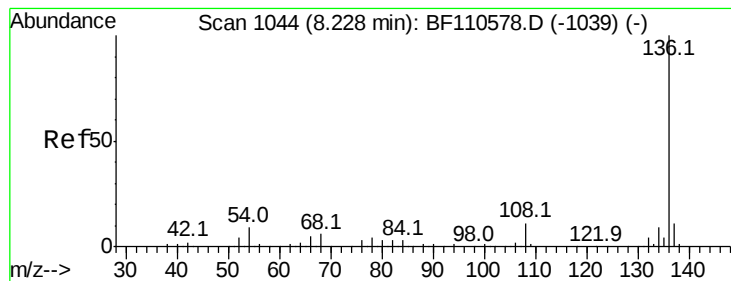
65 36.3 25.3 65.3

66 57.0 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

Instrument :

BNA\_F

ClientSampleId :

WALL-E

Tot Ion:136 Resp: 287258

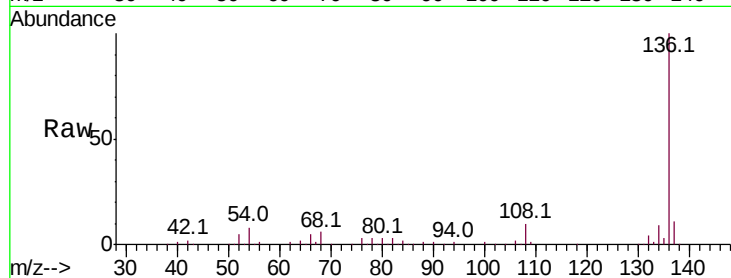
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.2 5.4 8.2#

68 6.1 4.2 6.2

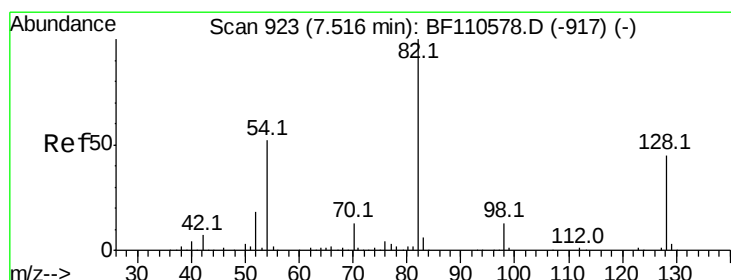
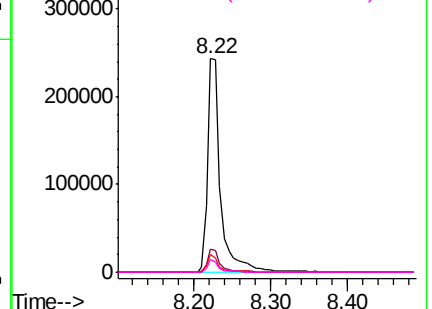
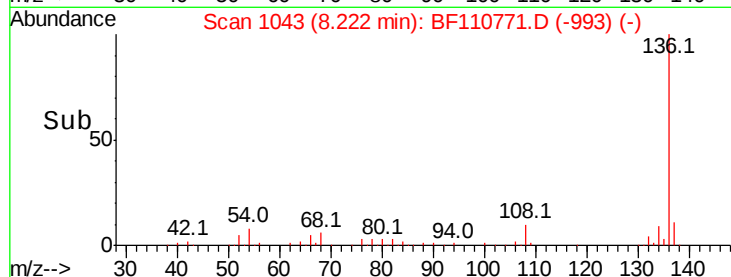


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 94.403 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

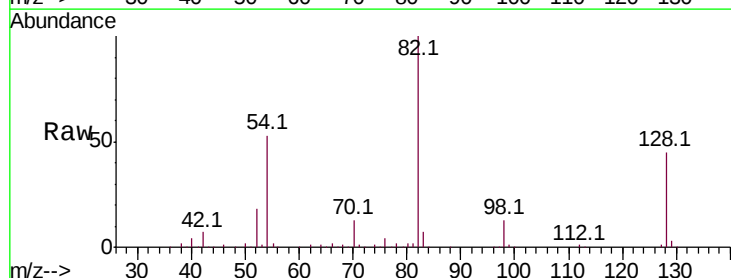
Tgt Ion: 82 Resp: 470883

Ion Ratio Lower Upper

82 100

128 44.8 34.2 51.2

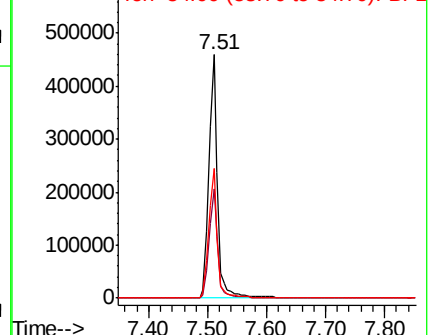
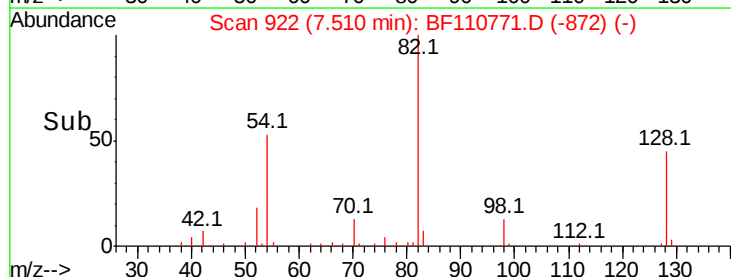
54 53.2 38.6 58.0

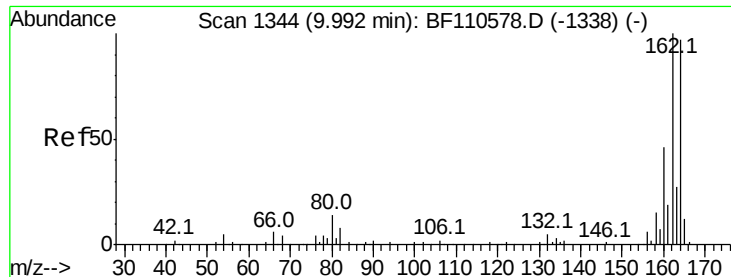


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

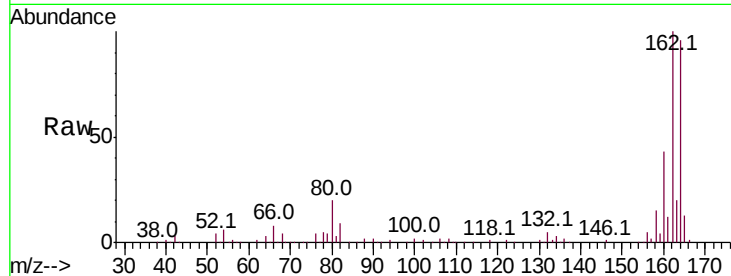




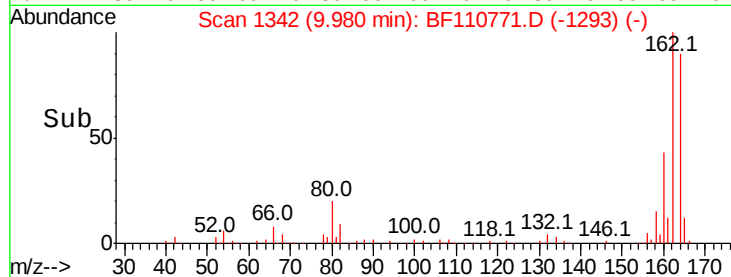
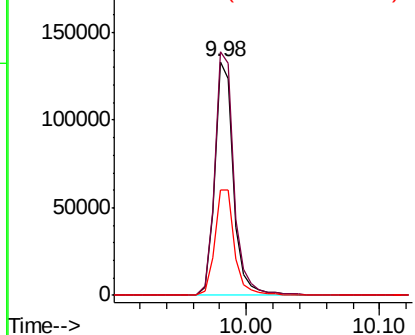
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BF110771.D  
Acq: 14 Nov 2018 18:22

Instrument :  
BNA\_F  
ClientSampleId :  
WALL-E

Tot Ion:164 Resp: 132616  
Ion Ratio Lower Upper  
164 100  
162 104.2 83.0 124.6  
160 45.0 37.0 55.6

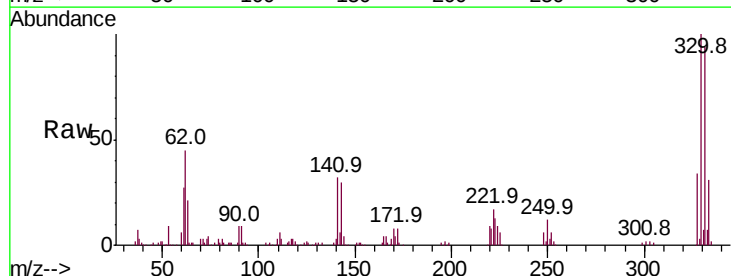


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

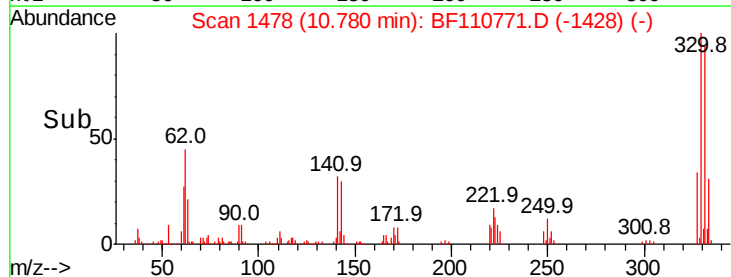
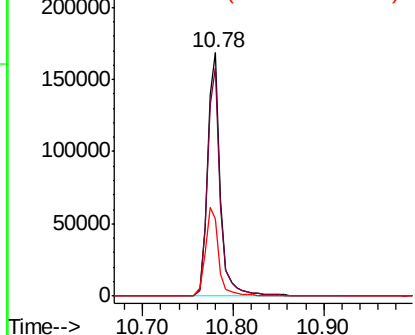


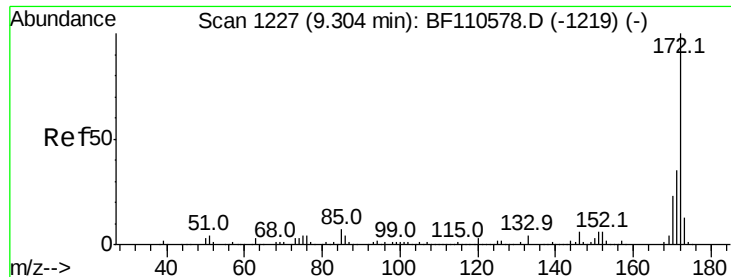
#42  
2,4,6-Tribromophenol  
Concen: 126.810 ng  
RT: 10.78 min Scan# 1478  
Delta R.T. -0.01 min  
Lab File: BF110771.D  
Acq: 14 Nov 2018 18:22

Tgt Ion:330 Resp: 169452  
Ion Ratio Lower Upper  
330 100  
332 94.6 77.1 115.7  
141 37.4 27.0 40.4



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

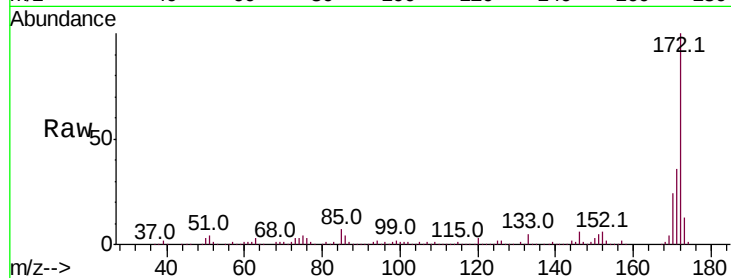




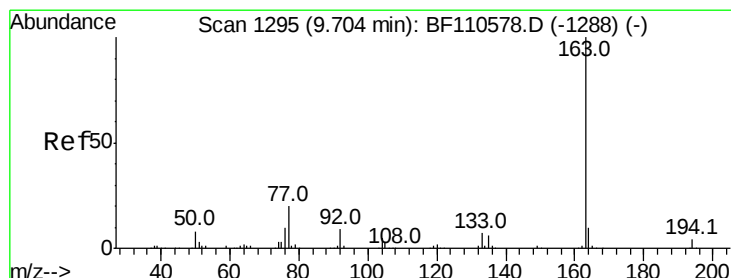
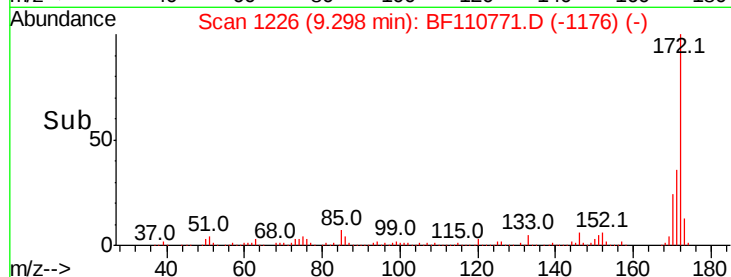
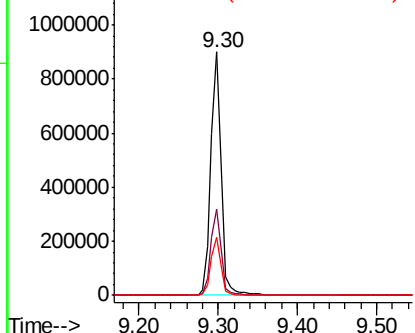
#45  
2-Fluorobiphenyl  
Concen: 87.856 ng  
RT: 9.30 min Scan# 1226  
Delta R.T. -0.01 min  
Lab File: BF110771.D  
Acq: 14 Nov 2018 18:22

Instrument :  
BNA\_F  
ClientSampleId :  
WALL-E

Tot Ion:172 Resp: 815796  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.6 43.0  
170 23.8 19.7 29.5

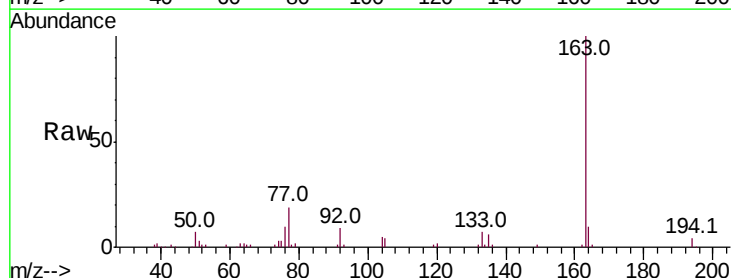


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

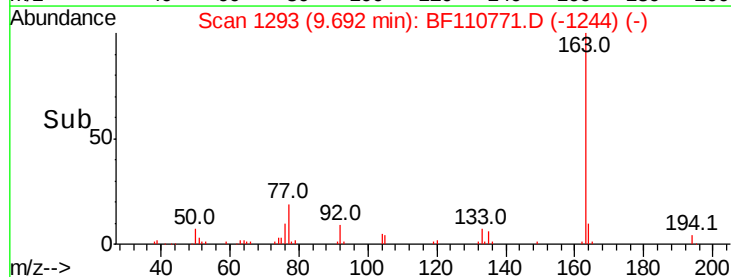
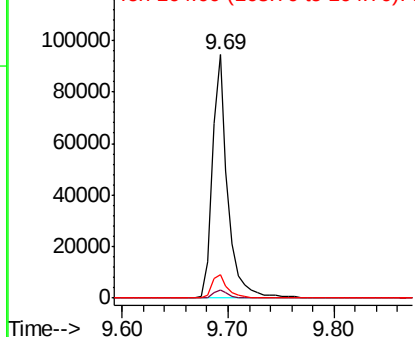


#50  
Dimethylphthalate  
Concen: 9.741 ng  
RT: 9.69 min Scan# 1293  
Delta R.T. -0.01 min  
Lab File: BF110771.D  
Acq: 14 Nov 2018 18:22

Tgt Ion:163 Resp: 96389  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.2 4.8  
164 9.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

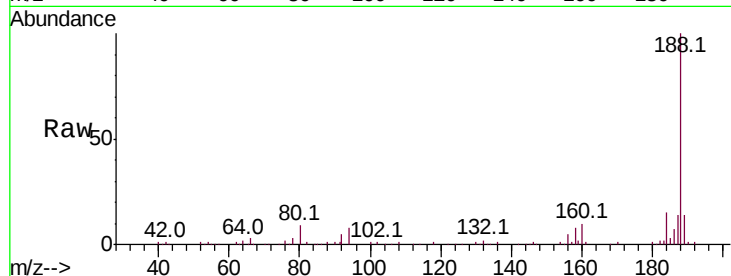




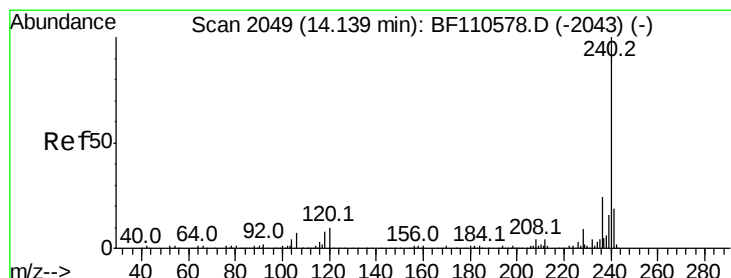
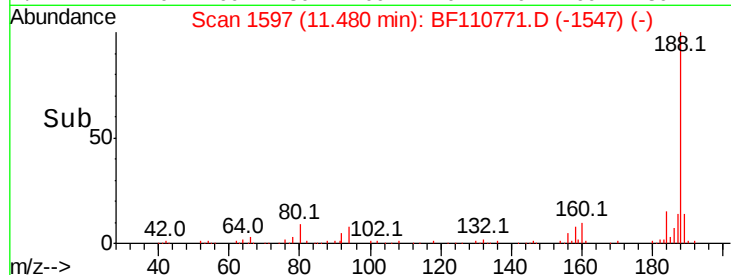
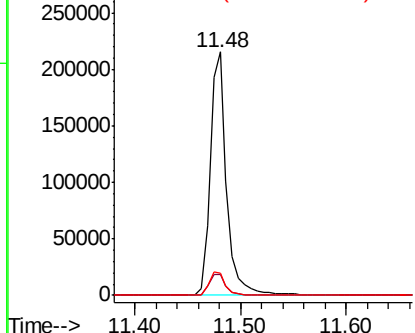
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.48 min Scan# 1597  
Delta R.T. -0.01 min  
Lab File: BF110771.D  
Acq: 14 Nov 2018 18:22

Instrument :  
BNA\_F  
ClientSampleId :  
WALL-E

Tot Ion:188 Resp: 232563  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.2 10.8  
80 9.2 7.9 11.9

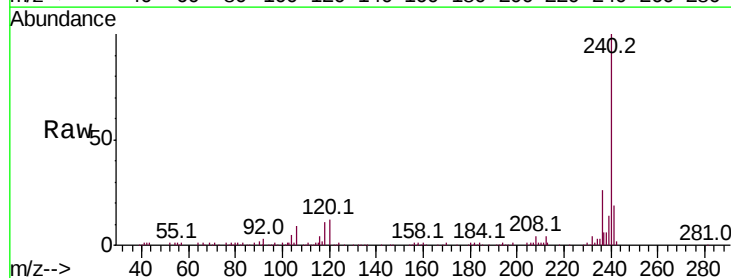


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

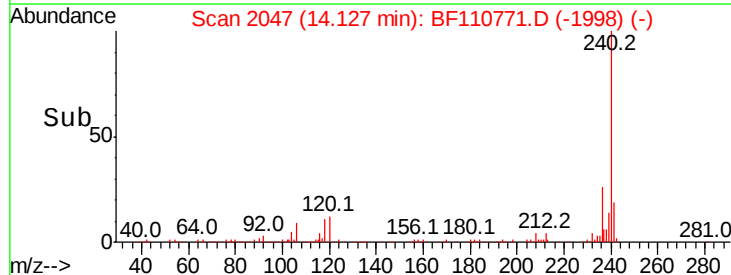
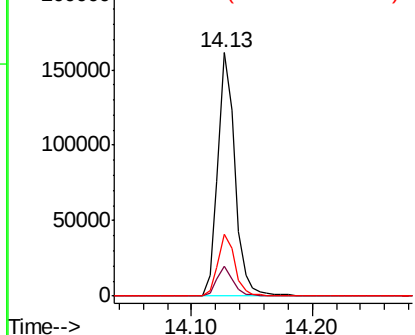


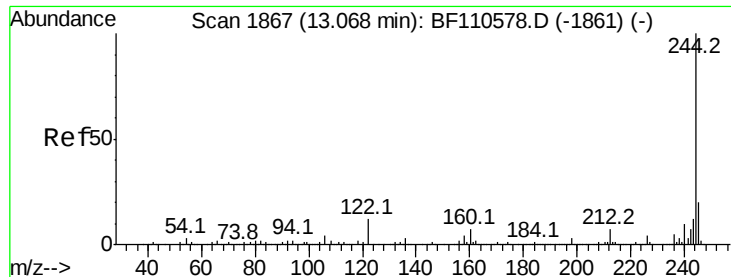
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.13 min Scan# 2047  
Delta R.T. -0.01 min  
Lab File: BF110771.D  
Acq: 14 Nov 2018 18:22

Tgt Ion:240 Resp: 157699  
Ion Ratio Lower Upper  
240 100  
120 12.3 8.3 12.5  
236 25.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.579 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

Instrument :

BNA\_F

ClientSampleId :

WALL-E

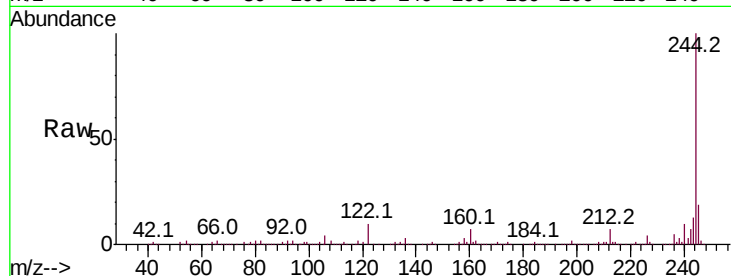
Tot Ion:244 Resp: 628005

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

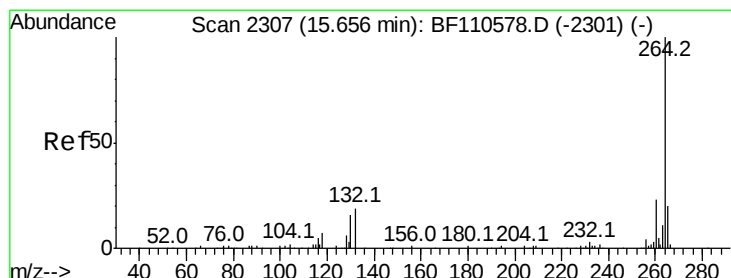
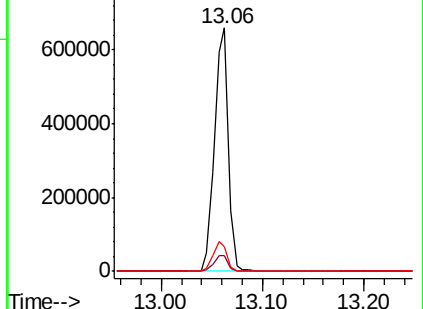
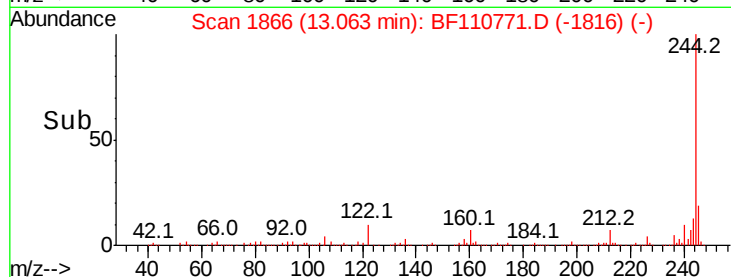
122 10.3 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110771.D

Acq: 14 Nov 2018 18:22

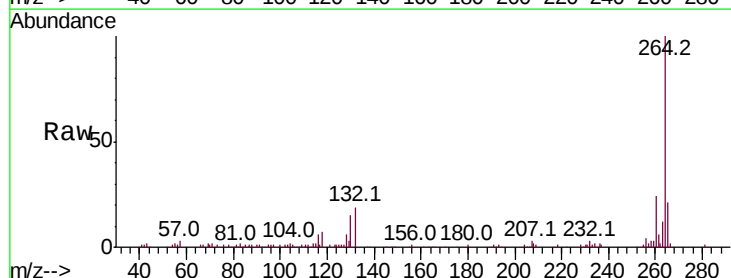
Tgt Ion:264 Resp: 141853

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.2 16.7 25.1



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

