

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\  
 Data File : BF097133.D  
 Acq On : 27 Jul 2017 20:13  
 Operator : SJ/JU  
 Sample : I4442-02  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-225

Quant Time: Jul 28 01:36:24 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 25 14:11:51 2017  
 Response via : Initial Calibration

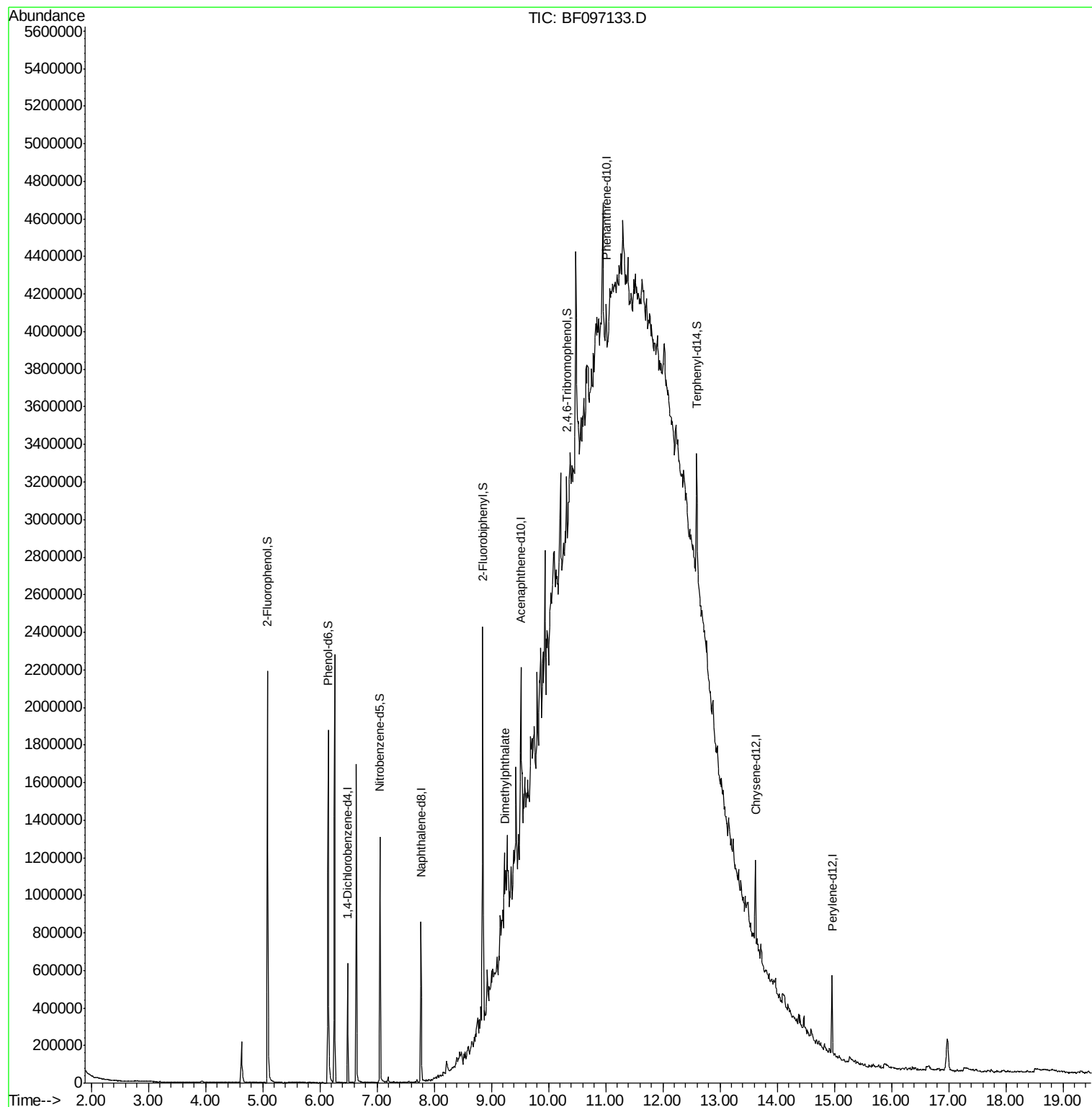
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.49  | 152  | 90873    | 20.00  | ng    | -0.01          |
| 21) Naphthalene-d8          | 7.77  | 136  | 365592   | 20.00  | ng    | -0.02          |
| 38) Acenaphthene-d10        | 9.52  | 164  | 144066   | 20.00  | ng    | -0.02          |
| 63) Phenanthrene-d10        | 11.01 | 188  | 146388   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 13.62 | 240  | 170615   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 14.96 | 264  | 162666   | 20.00  | ng    | -0.01          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.09  | 112  | 618098   | 102.54 | ng    | -0.01          |
| 7) Phenol-d6                | 6.15  | 99   | 691416   | 100.47 | ng    | -0.02          |
| 23) Nitrobenzene-d5         | 7.05  | 82   | 405748   | 65.11  | ng    | -0.02          |
| 41) 2,4,6-Tribromophenol    | 10.32 | 330  | 102049   | 89.65  | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 8.85  | 172  | 705733   | 83.14  | ng    | -0.02          |
| 78) Terphenyl-d14           | 12.59 | 244  | 393754   | 47.05  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 9.25  | 163  | 104080   | 9.514  | ng    | Qvalue<br># 98 |

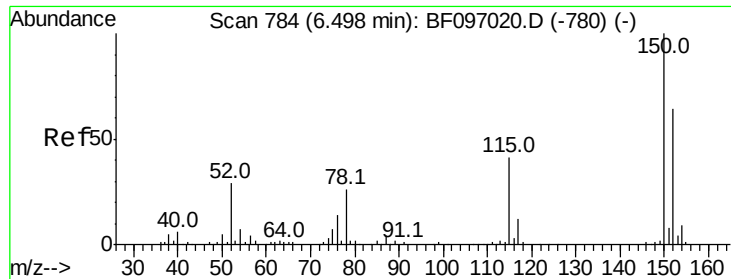
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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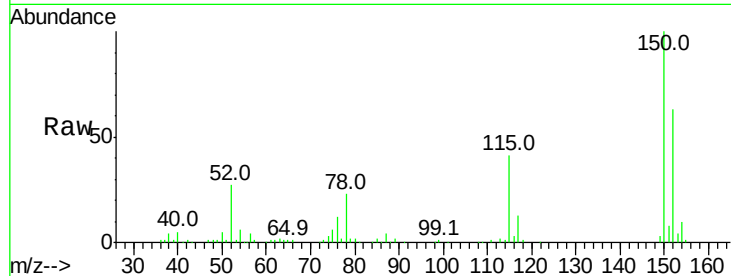


#1

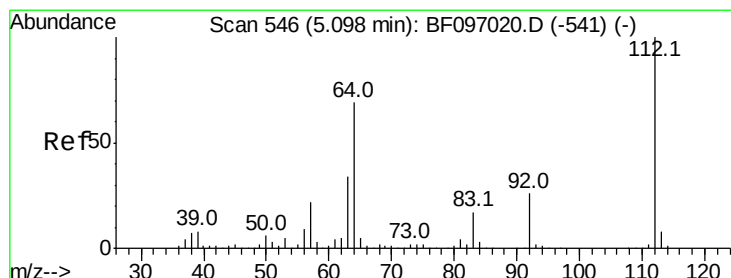
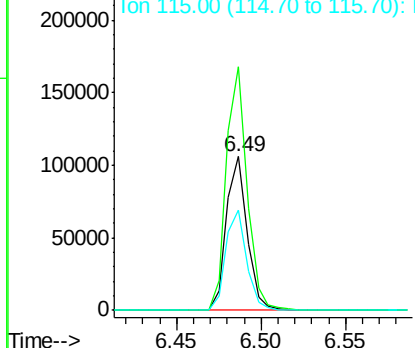
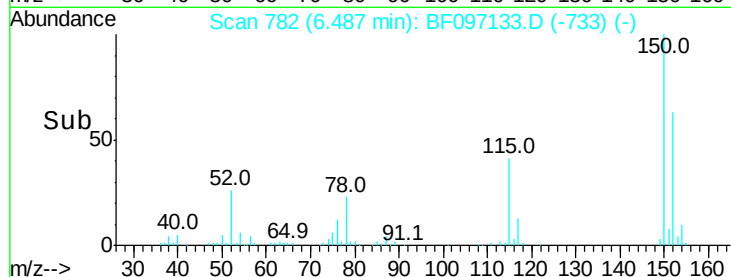
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.49 min Scan# 782  
Delta R.T. -0.01 min  
Lab File: BF097133.D  
Acq: 27 Jul 2017 20:13

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-225

Tot Ion:152 Resp: 90873  
Ion Ratio Lower Upper  
152 100  
150 158.5 126.2 189.2  
115 65.1 52.2 78.2



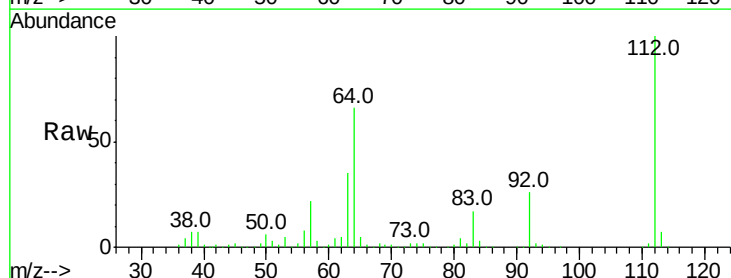
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



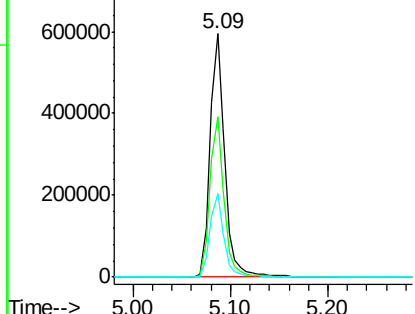
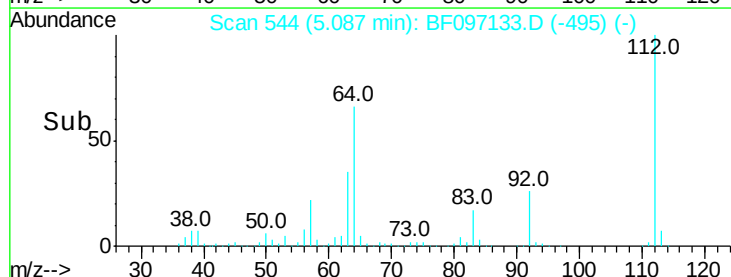
#5

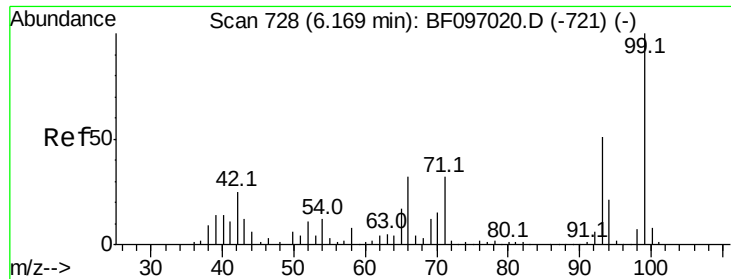
2-Fluorophenol  
Concen: 102.536 ng  
RT: 5.09 min Scan# 544  
Delta R.T. -0.01 min  
Lab File: BF097133.D  
Acq: 27 Jul 2017 20:13

Tgt Ion:112 Resp: 618098  
Ion Ratio Lower Upper  
112 100  
64 66.1 46.0 69.0  
63 34.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.470 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097133.D

Acq: 27 Jul 2017 20:13

Instrument :

BNA\_F

ClientSampleId :

VNJ-225

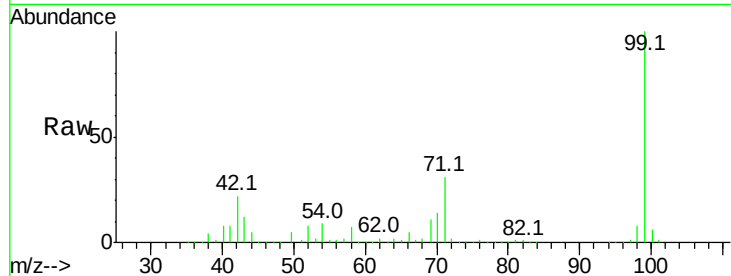
Tot Ion: 99 Resp: 691416

Ion Ratio Lower Upper

99 100

42 21.8 13.5 20.3#

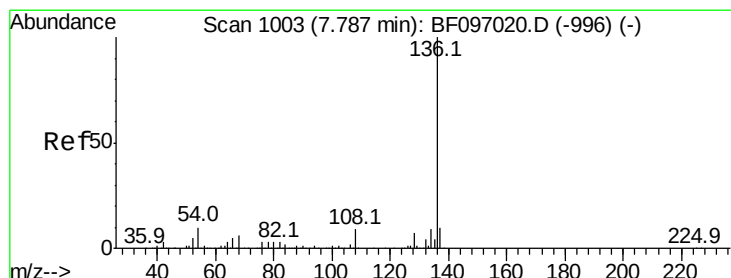
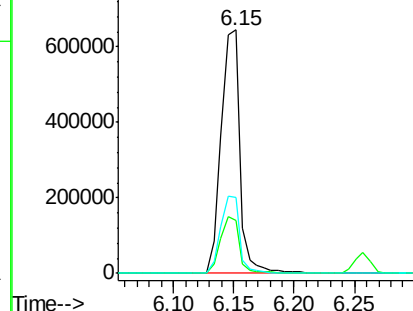
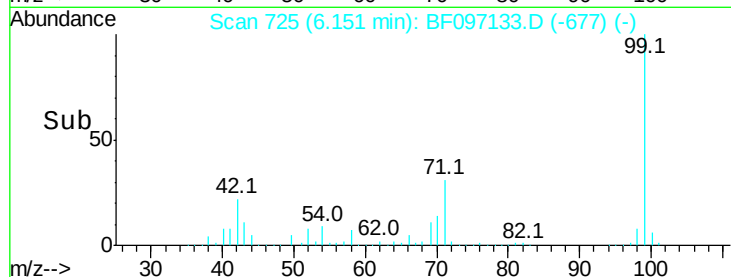
71 31.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097133.D

Acq: 27 Jul 2017 20:13

Tgt Ion: 136 Resp: 365592

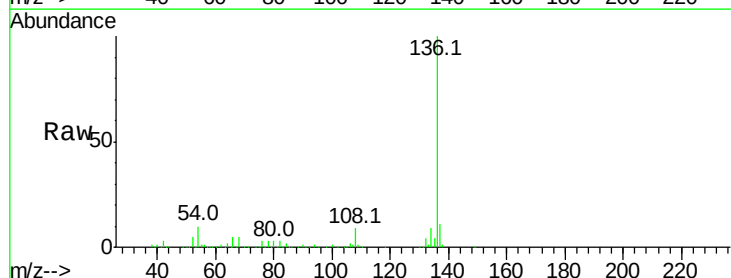
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.8 4.9 7.3#

68 4.9 4.1 6.1

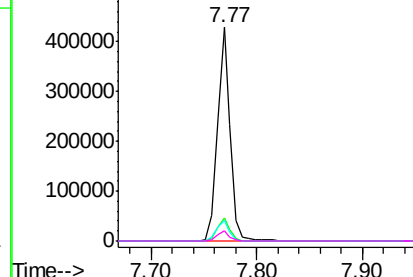
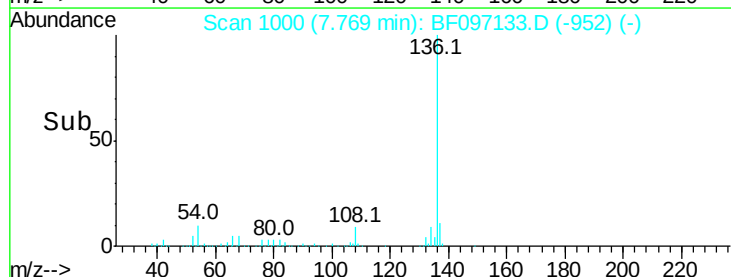


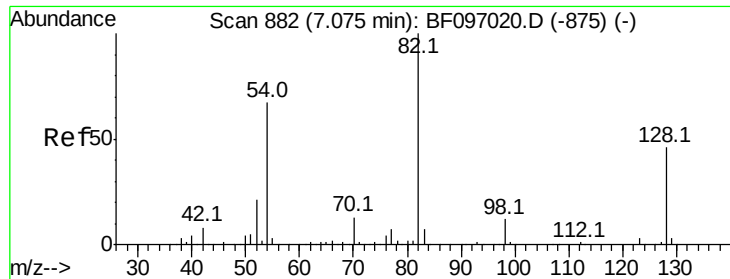
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

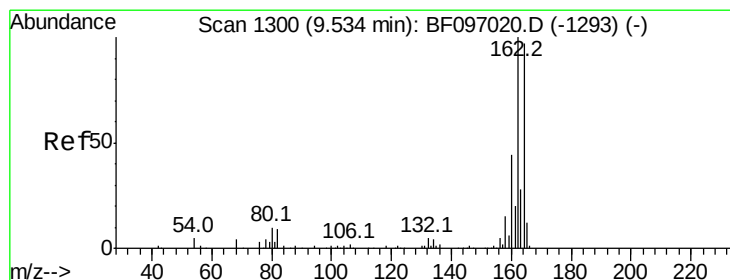
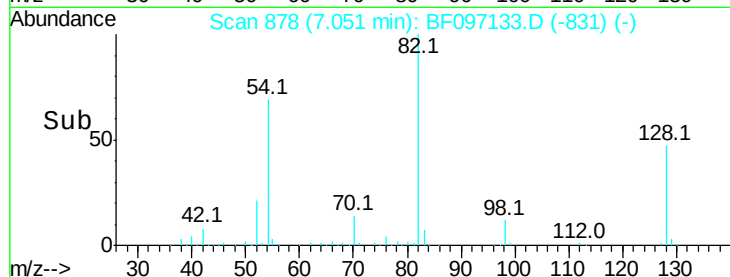
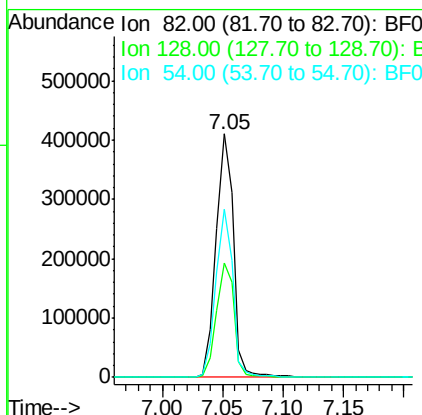
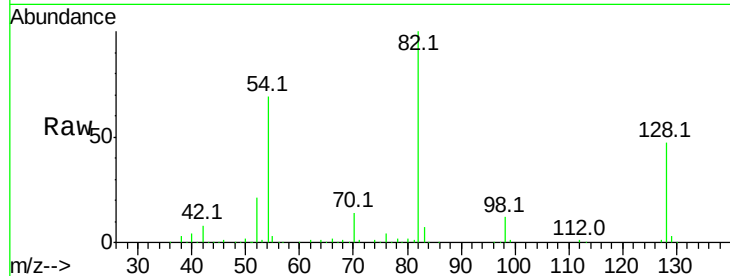




#23  
 Nitrobenzene-d5  
 Concen: 65.108 ng  
 RT: 7.05 min Scan# 878  
 Delta R.T. -0.02 min  
 Lab File: BF097133.D  
 Acq: 27 Jul 2017 20:13

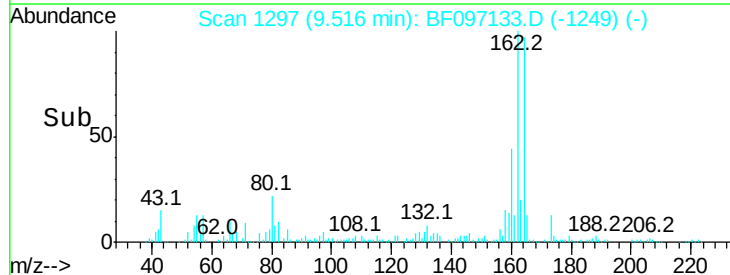
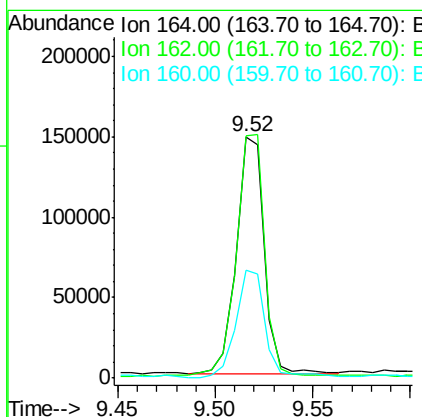
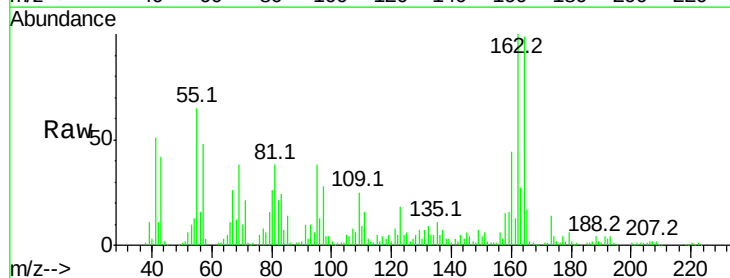
Instrument :  
 BNA\_F  
 ClientSampled :  
 VNJ-225

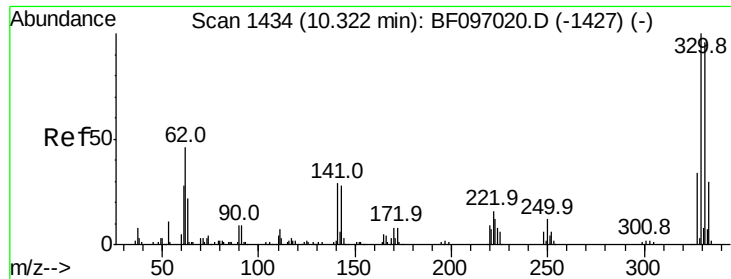
Tot Ion: 82 Resp: 405748  
 Ion Ratio Lower Upper  
 82 100  
 128 47.0 34.0 51.0  
 54 68.9 42.2 63.2#



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.52 min Scan# 1297  
 Delta R.T. -0.02 min  
 Lab File: BF097133.D  
 Acq: 27 Jul 2017 20:13

Tgt Ion:164 Resp: 144066  
 Ion Ratio Lower Upper  
 164 100  
 162 100.7 82.6 123.8  
 160 44.5 36.2 54.2

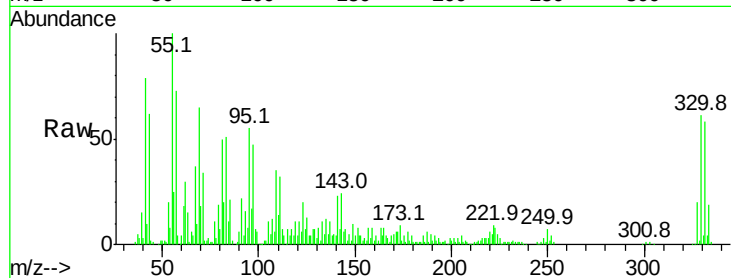




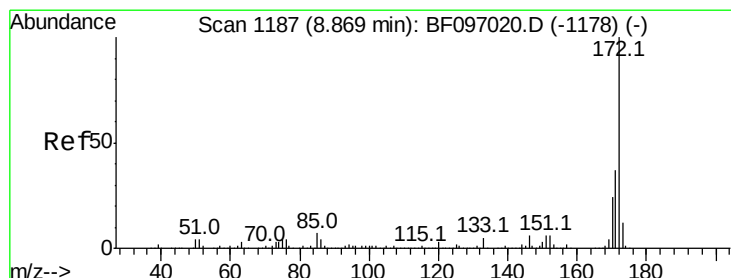
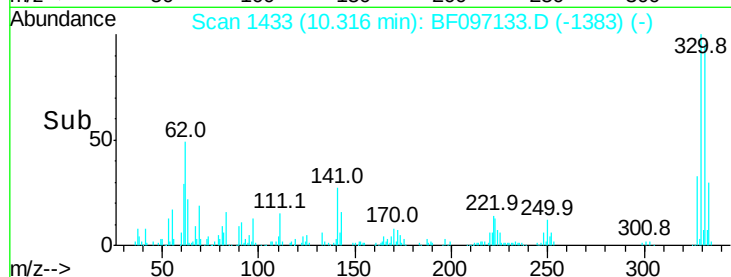
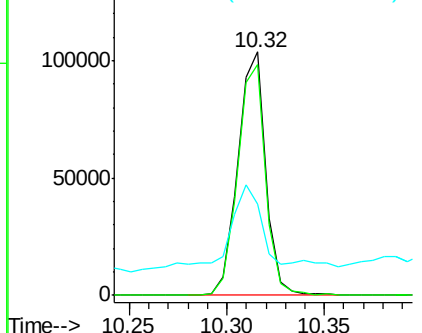
#41  
 2,4,6-Tribromophenol  
 Concen: 89.653 ng  
 RT: 10.32 min Scan# 1433  
 Delta R.T. -0.01 min  
 Lab File: BF097133.D  
 Acq: 27 Jul 2017 20:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-225

Tot Ion:330 Resp: 102049  
 Ion Ratio Lower Upper  
 330 100  
 332 95.9 76.6 115.0  
 141 46.4 31.4 47.2

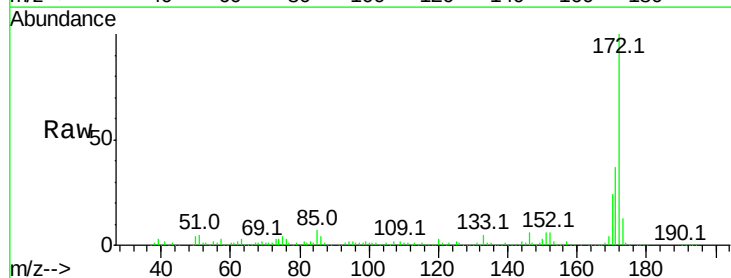


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

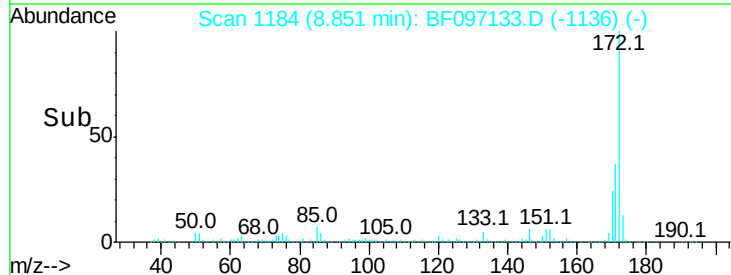
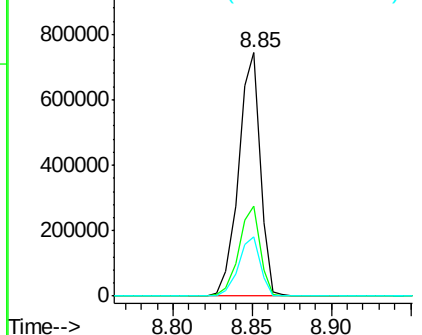


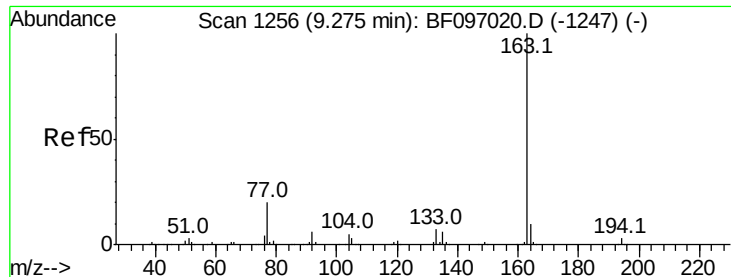
#44  
 2-Fluorobiphenyl  
 Concen: 83.135 ng  
 RT: 8.85 min Scan# 1184  
 Delta R.T. -0.02 min  
 Lab File: BF097133.D  
 Acq: 27 Jul 2017 20:13

Tgt Ion:172 Resp: 705733  
 Ion Ratio Lower Upper  
 172 100  
 171 36.9 29.6 44.4  
 170 24.2 19.8 29.8



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

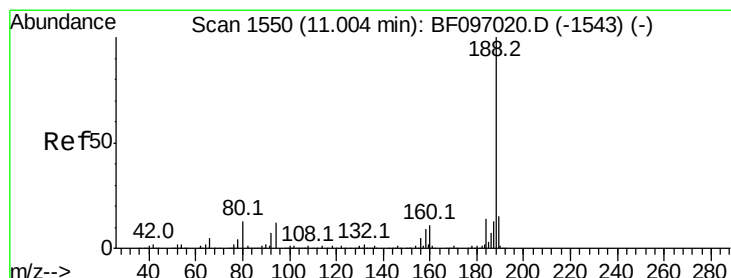
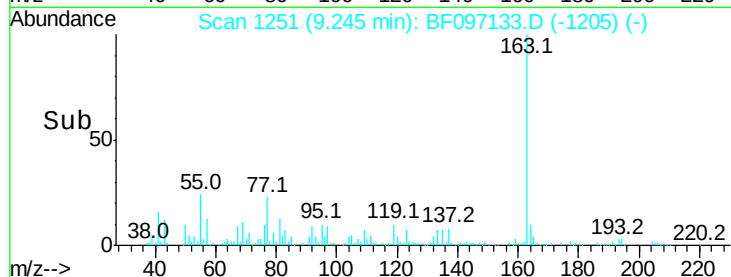
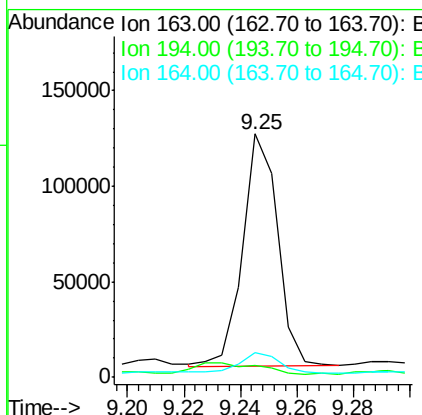
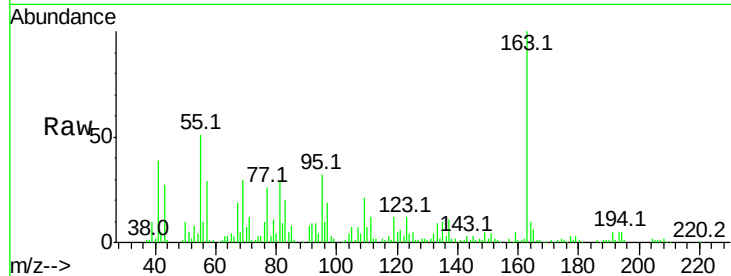




#49  
Dimethylphthalate  
Concen: 9.514 ng  
RT: 9.25 min Scan# 1251  
Delta R.T. -0.03 min  
Lab File: BF097133.D  
Acq: 27 Jul 2017 20:13

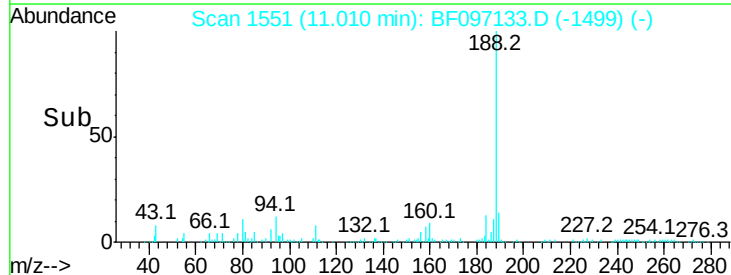
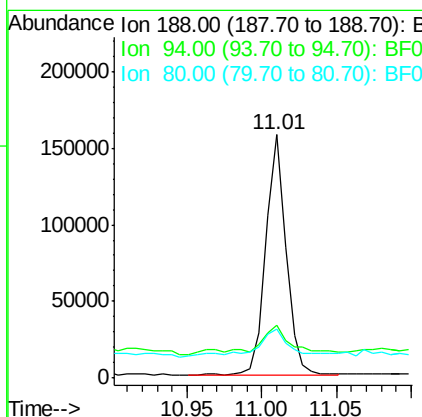
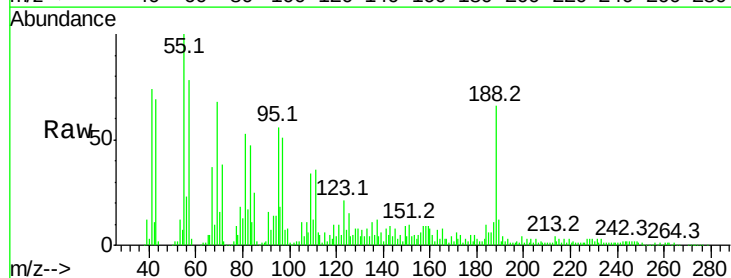
Instrument :  
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ClientSampleId :  
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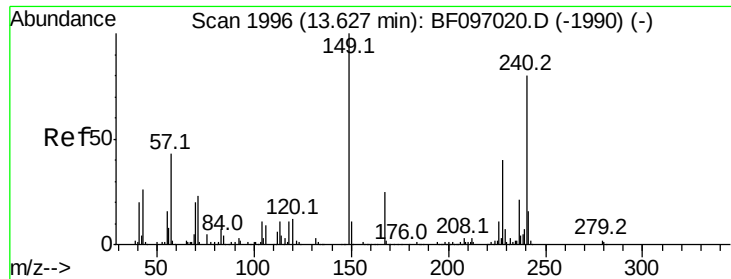
Tot Ion:163 Resp: 104080  
Ion Ratio Lower Upper  
163 100  
194 4.9 2.6 4.0#  
164 10.3 8.4 12.6



#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.01 min Scan# 1551  
Delta R.T. 0.01 min  
Lab File: BF097133.D  
Acq: 27 Jul 2017 20:13

Tgt Ion:188 Resp: 146388  
Ion Ratio Lower Upper  
188 100  
94 21.9 9.4 14.2#  
80 20.0 10.2 15.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097133.D

Acq: 27 Jul 2017 20:13

Instrument :

BNA\_F

ClientSampleId :

VNJ-225

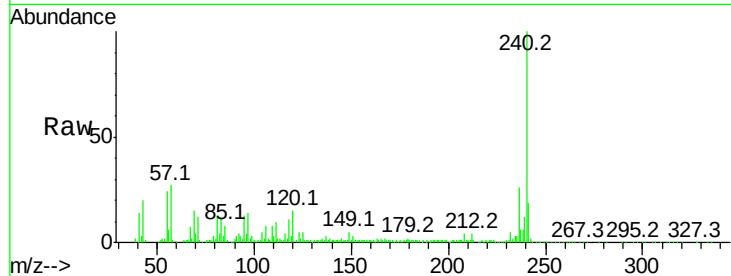
Tot Ion:240 Resp: 170615

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

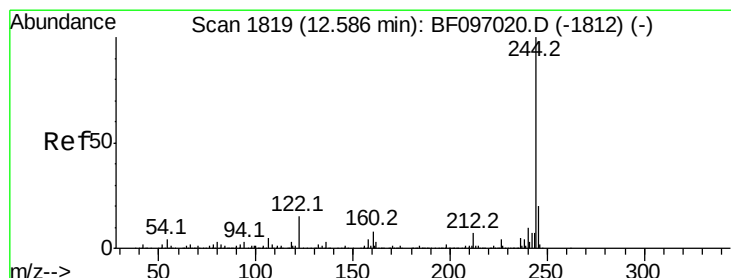
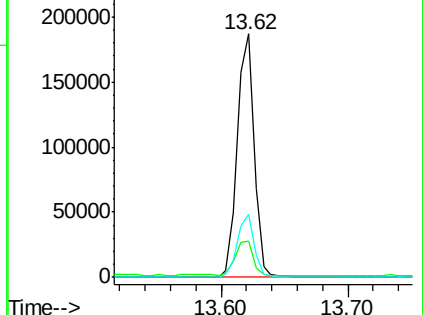
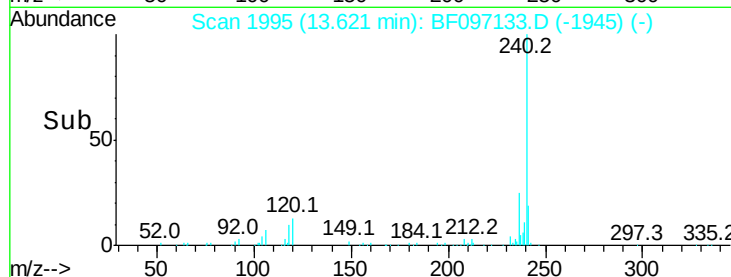
236 25.7 20.5 30.7



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



#78

Terphenyl-d14

Concen: 47.054 ng

RT: 12.59 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF097133.D

Acq: 27 Jul 2017 20:13

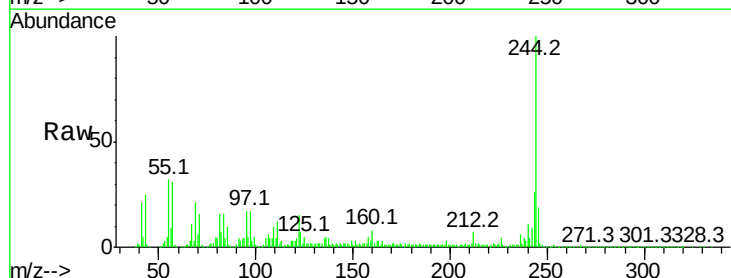
Tgt Ion:244 Resp: 393754

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

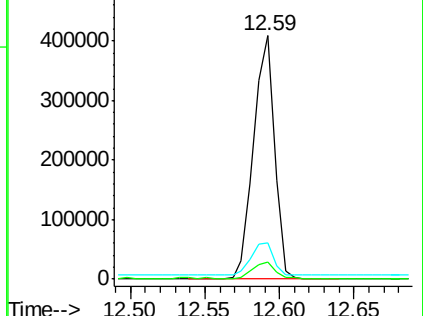
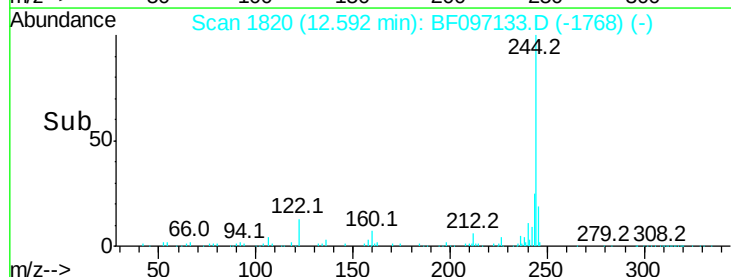
122 14.9 10.3 15.5



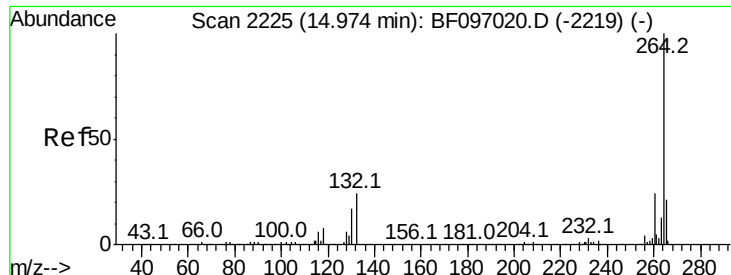
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



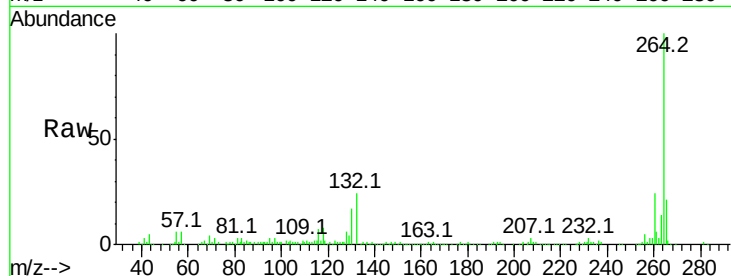




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 14.96 min Scan# 2223  
 Delta R.T. -0.01 min  
 Lab File: BF097133.D  
 Acq: 27 Jul 2017 20:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-225

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.5  | 29.3  |
| 265     | 21.4  | 17.2  | 25.8  |



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

