

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM040517\  
 Data File : BM009546.D  
 Acq On : 05 Apr 2017 01:03  
 Operator : SJ/MA  
 Sample : I2495-14  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LSS-SP04-COMP

Quant Time: Apr 05 02:20:30 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-BM032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 31 12:10:26 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.85  | 152  | 92502    | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.64 | 136  | 333957   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 14.49 | 164  | 189248   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 17.23 | 188  | 467712   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 21.41 | 240  | 672014   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 23.73 | 264  | 639030   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 865537   | 155.97 | ng    | -0.01    |
| 7) Phenol-d6                | 7.00  | 99   | 1076867  | 142.30 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.01  | 82   | 963272   | 108.15 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 15.98 | 330  | 429432   | 182.66 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 13.10 | 172  | 1659268  | 105.65 | ng    | -0.02    |
| 78) Terphenyl-d14           | 19.86 | 244  | 2994516  | 93.11  | ng    | -0.01    |

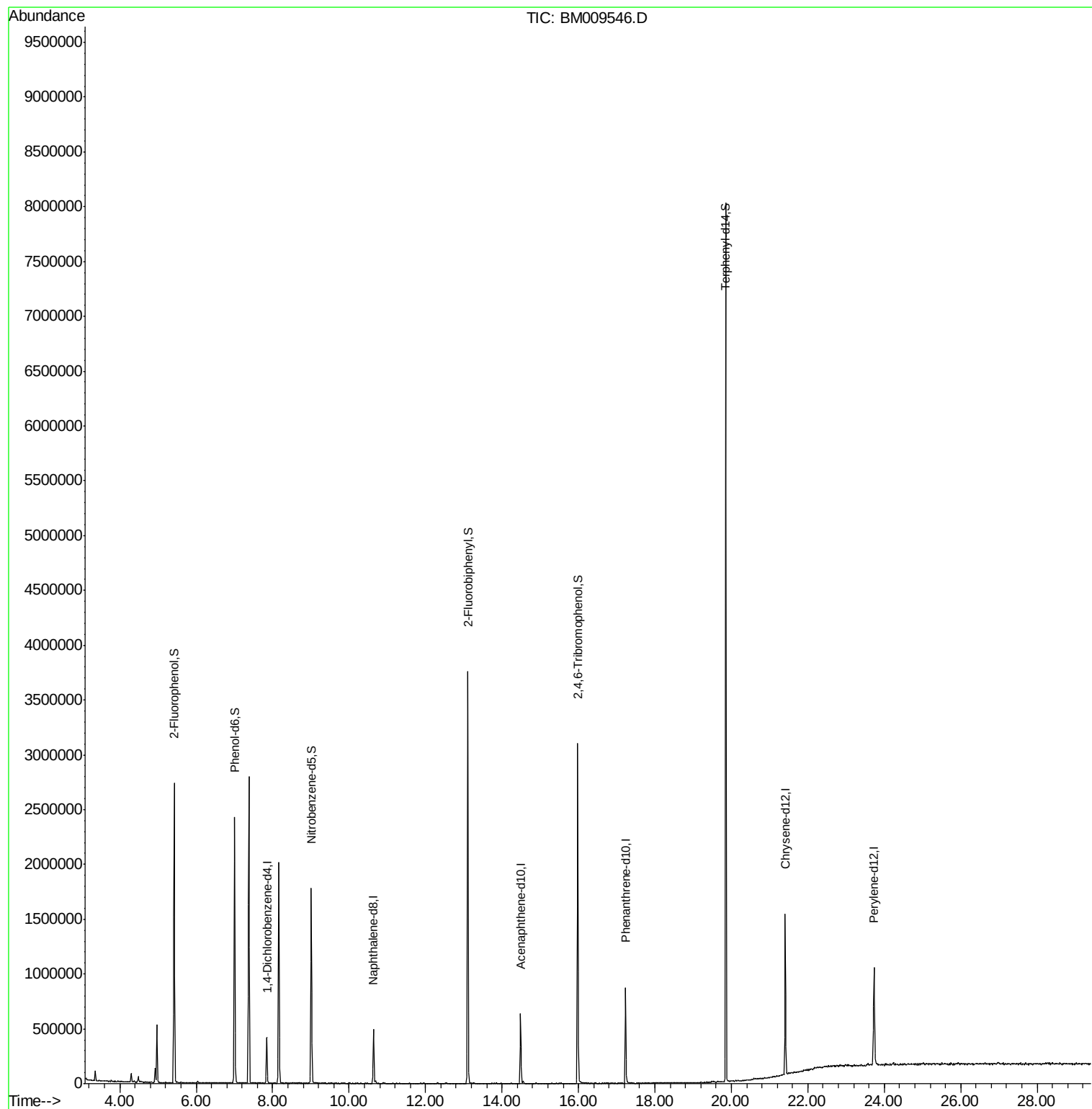
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

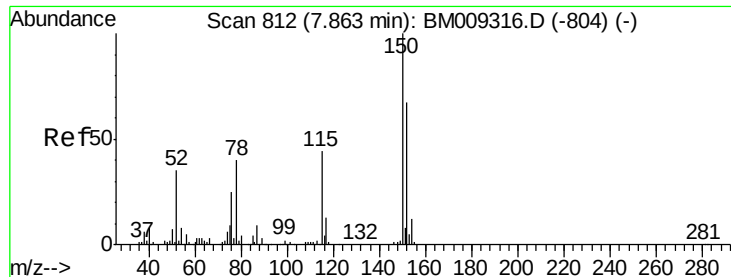
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 17 Sample Multiplier: 1

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QLast Update : Fri Mar 31 12:10:26 2017  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009546.D

Acq: 05 Apr 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

LSS-SP04-COMP

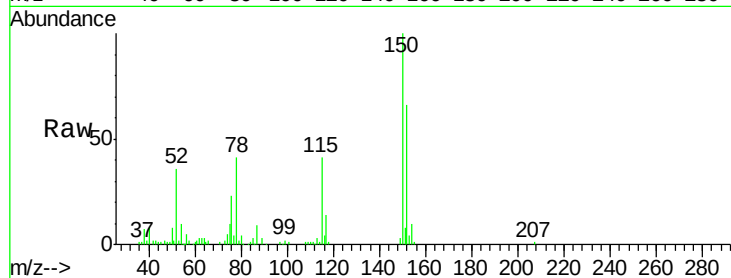
Tgt Ion:152 Resp: 92502

Ion Ratio Lower Upper

152 100

150 152.2 119.5 179.3

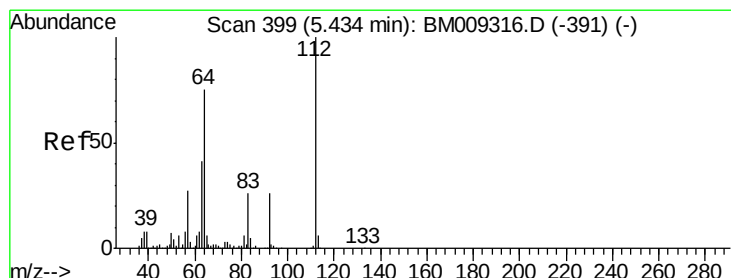
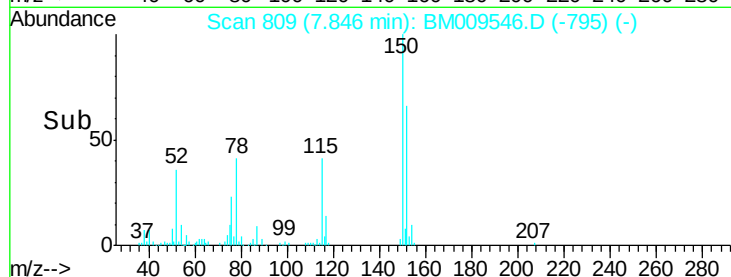
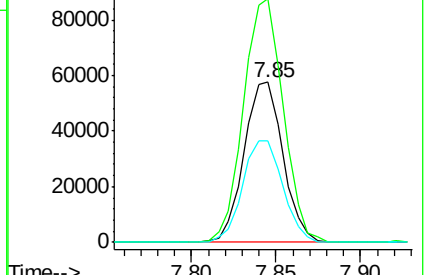
115 63.1 43.0 64.4



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: 155.97 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009546.D

Acq: 05 Apr 2017 01:03

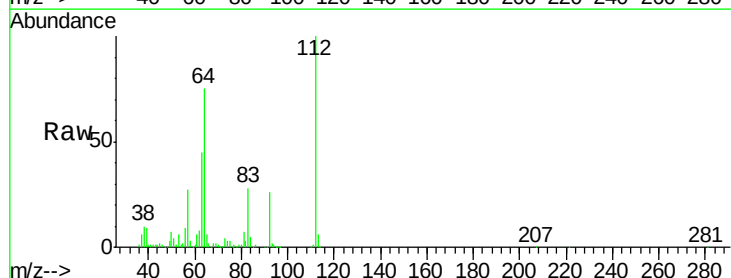
Tgt Ion:112 Resp: 865537

Ion Ratio Lower Upper

112 100

64 75.1 38.6 57.8#

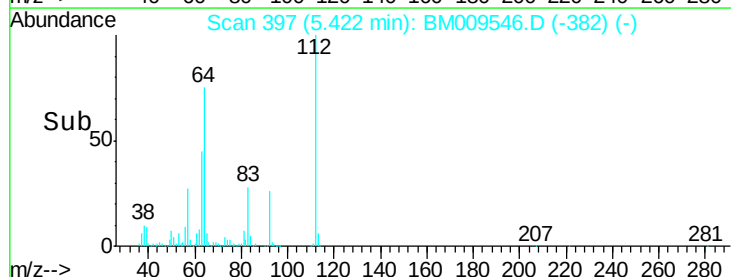
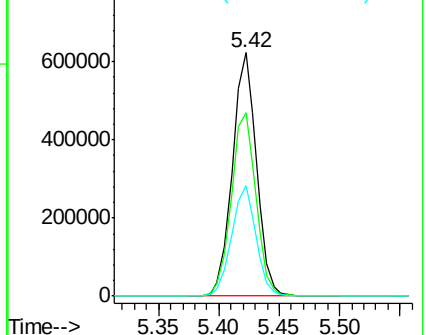
63 45.2 19.3 28.9#

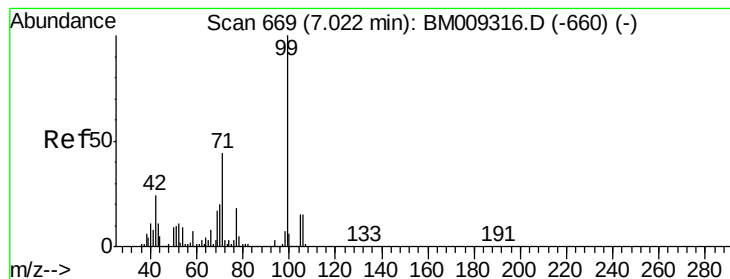


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 142.30 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009546.D

Acq: 05 Apr 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

LSS-SP04-COMP

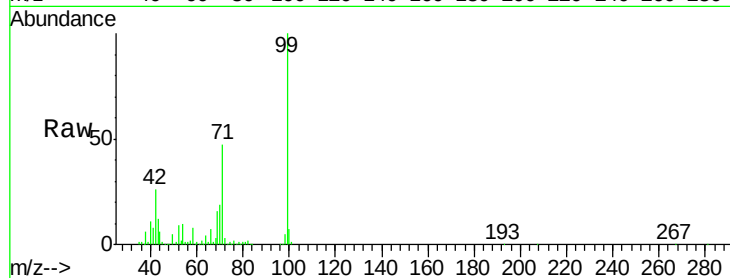
Tgt Ion: 99 Resp: 1076867

Ion Ratio Lower Upper

99 100

42 26.3 11.0 16.4#

71 47.2 23.4 35.2#



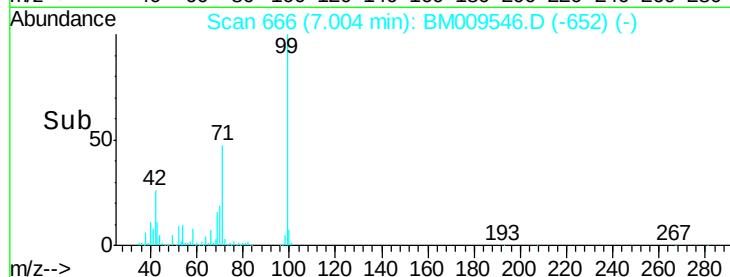
Abundance Ion 99.00 (98.70 to 99.70): BM009316.D (-660) (-)

Ion 42.00 (41.70 to 42.70): BM009316.D (-660) (-)

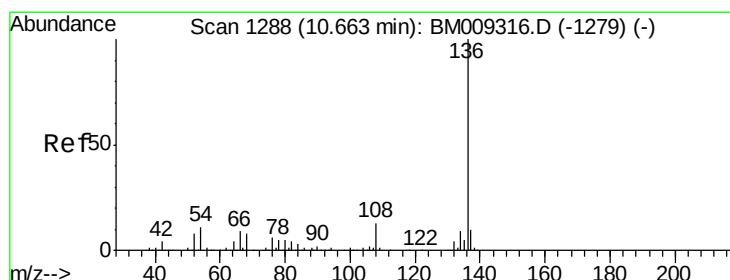
Ion 71.00 (70.70 to 71.70): BM009316.D (-660) (-)

7.00

6.90 6.95 7.00 7.05 7.10



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009546.D

Acq: 05 Apr 2017 01:03

Tgt Ion: 136 Resp: 333957

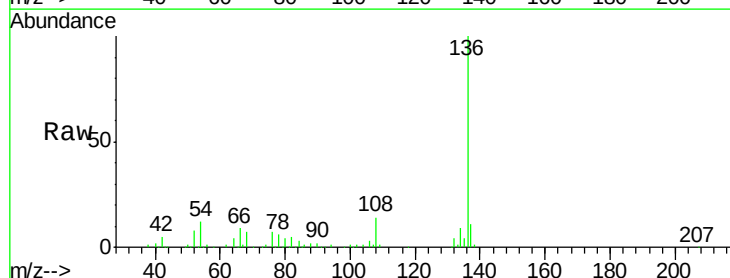
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 12.1 4.6 6.8#

68 6.6 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM009316.D (-1279) (-)

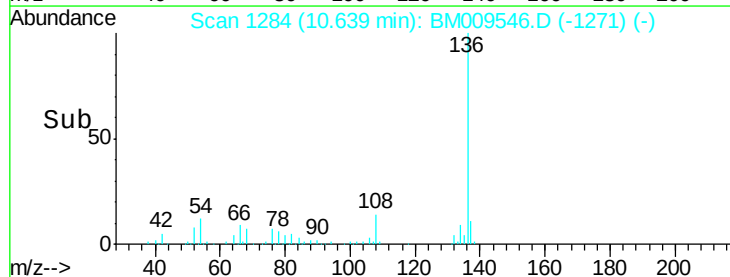
Ion 137.00 (136.70 to 137.70): BM009316.D (-1279) (-)

Ion 54.00 (53.70 to 54.70): BM009316.D (-1279) (-)

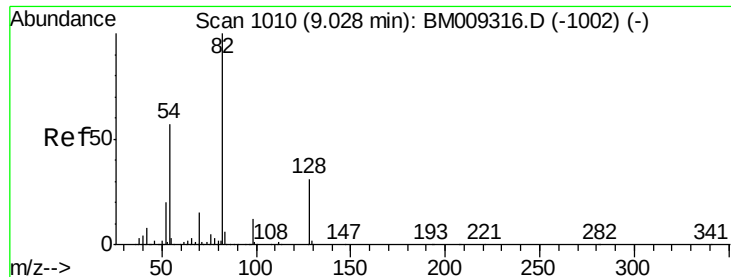
Ion 68.00 (67.70 to 68.70): BM009316.D (-1279) (-)

10.64

10.55 10.60 10.65 10.70



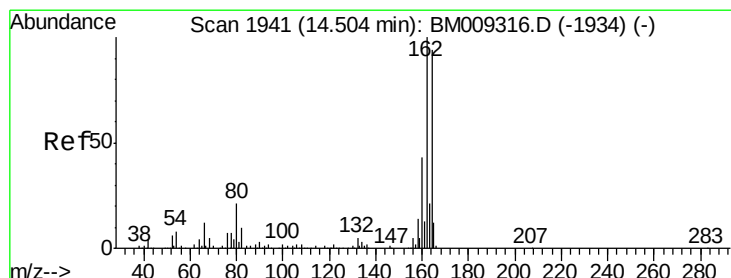
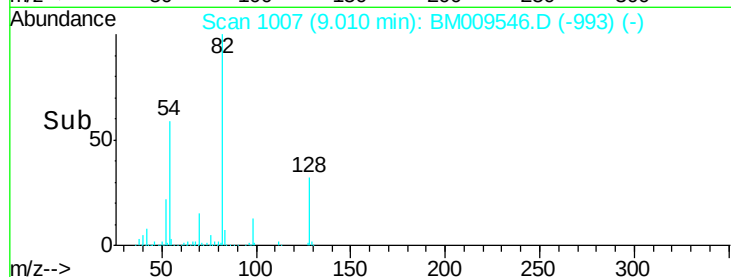
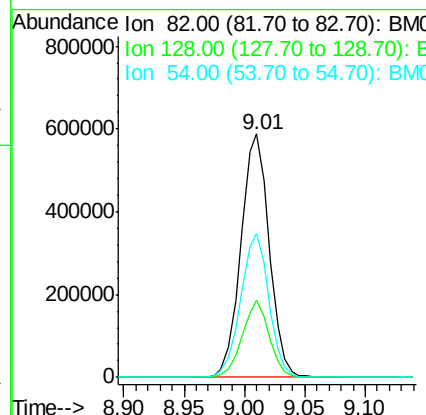
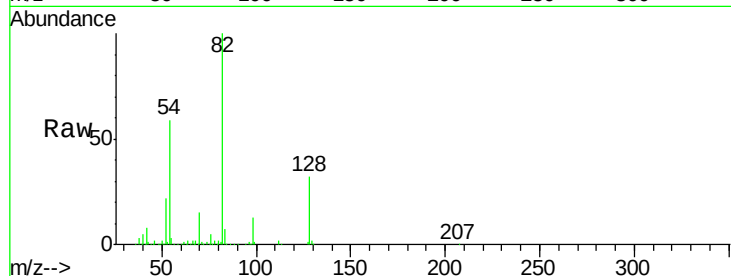
Time-->



#23  
 Nitrobenzene-d5  
 Concen: 108.15 ng  
 RT: 9.01 min Scan# 1007  
 Delta R.T. -0.02 min  
 Lab File: BM009546.D  
 Acq: 05 Apr 2017 01:03

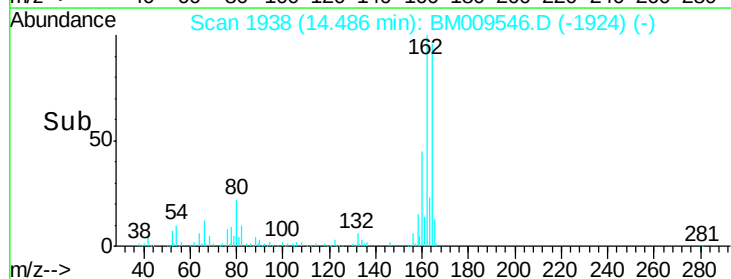
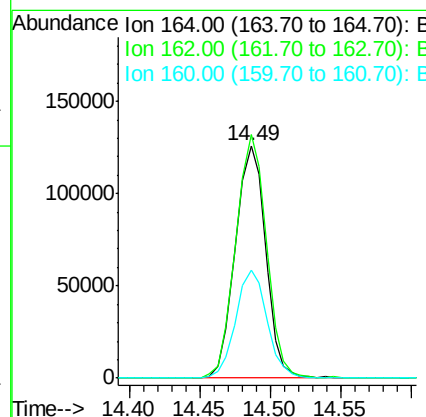
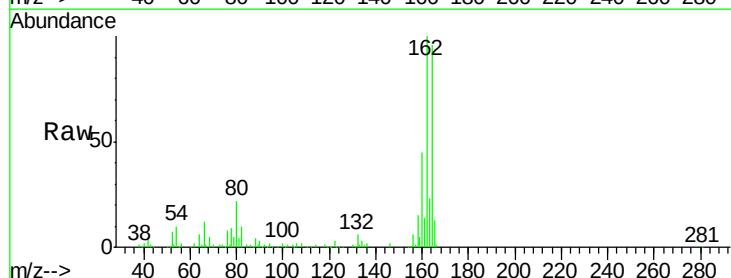
Instrument :  
 BNA\_M  
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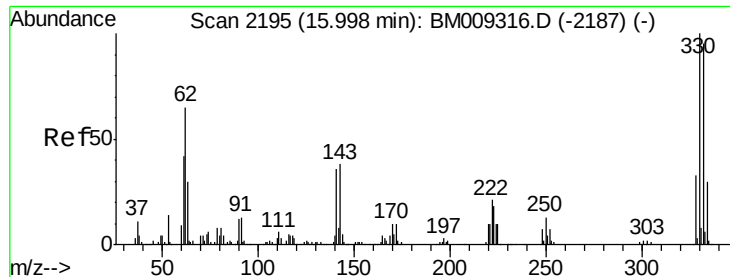
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 31.9  | 32.8  | 49.2# |
| 54      | 59.3  | 40.6  | 60.8  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.49 min Scan# 1938  
 Delta R.T. -0.02 min  
 Lab File: BM009546.D  
 Acq: 05 Apr 2017 01:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.7 | 82.4  | 123.6 |
| 160     | 46.6  | 35.8  | 53.6  |

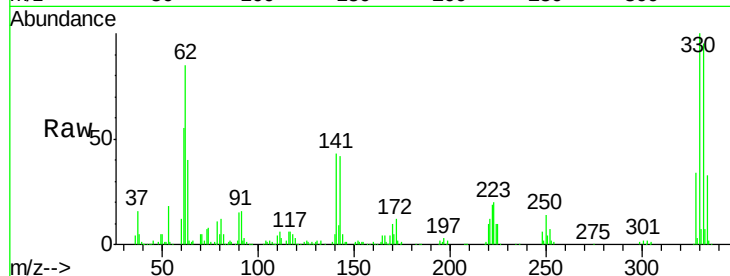




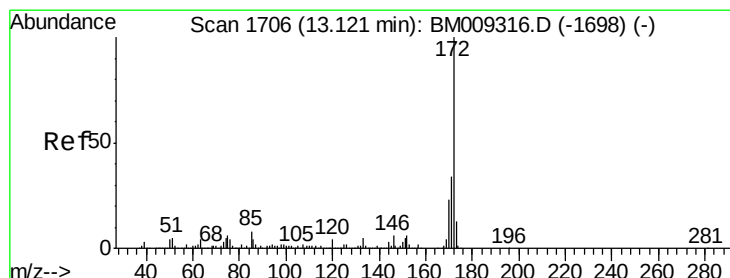
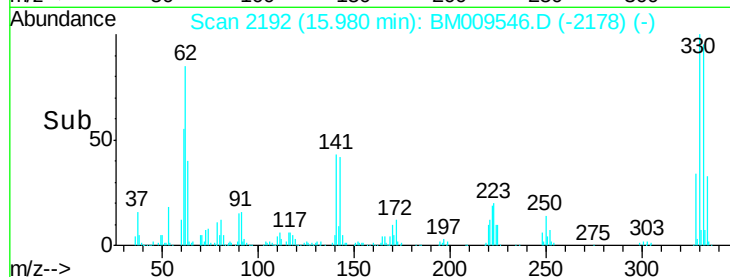
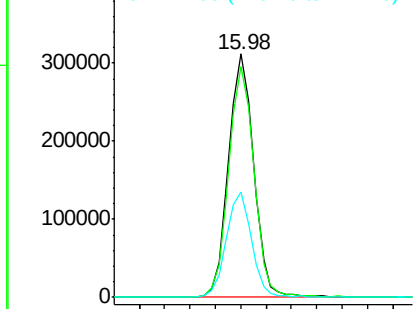
#41  
 2,4,6-Tribromophenol  
 Concen: 182.66 ng  
 RT: 15.98 min Scan# 2192  
 Delta R.T. -0.02 min  
 Lab File: BM009546.D  
 Acq: 05 Apr 2017 01:03

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LSS-SP04-COMP

Tgt Ion:330 Resp: 429432  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 0.0 0.0#  
 141 43.4 0.0 0.0#

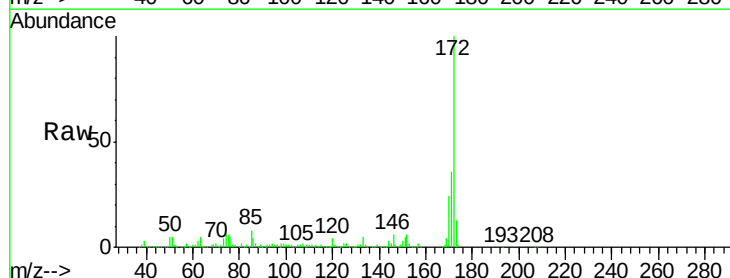


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

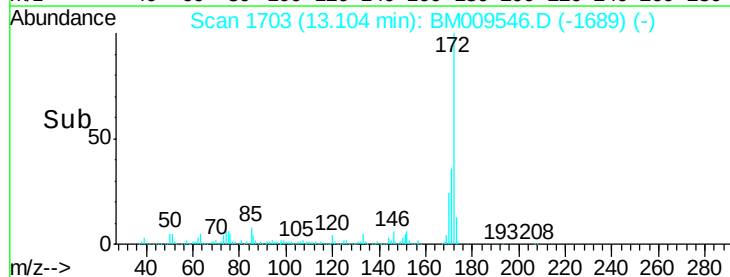
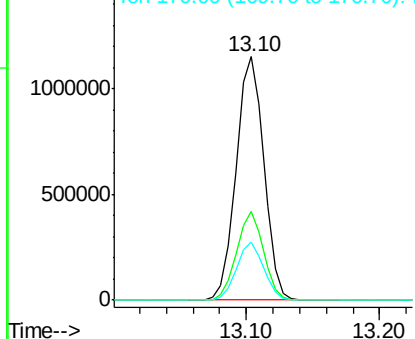


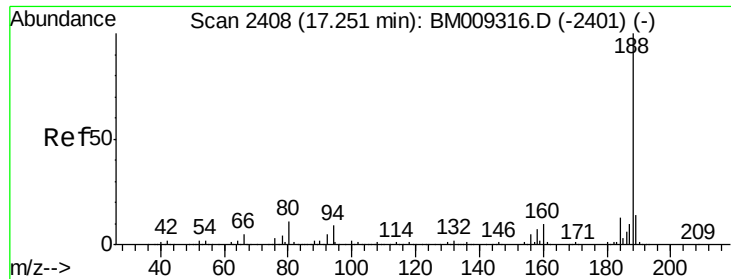
#44  
 2-Fluorobiphenyl  
 Concen: 105.65 ng  
 RT: 13.10 min Scan# 1703  
 Delta R.T. -0.02 min  
 Lab File: BM009546.D  
 Acq: 05 Apr 2017 01:03

Tgt Ion:172 Resp: 1659268  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 28.5 42.7  
 170 23.9 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

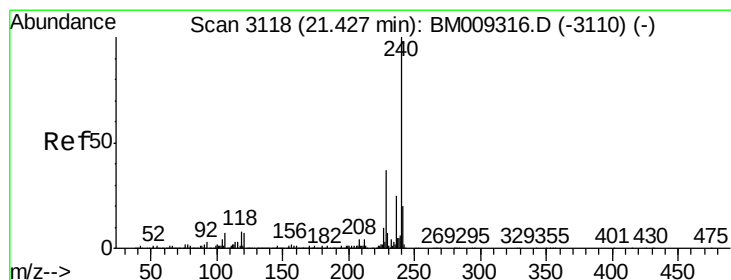
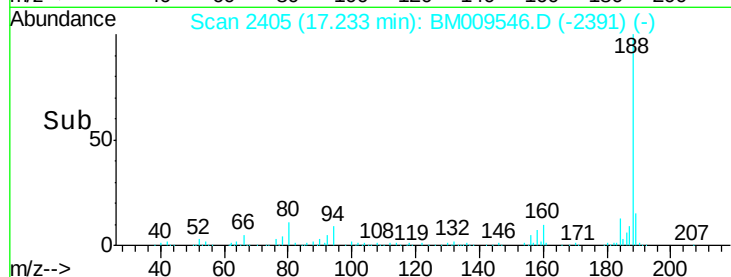
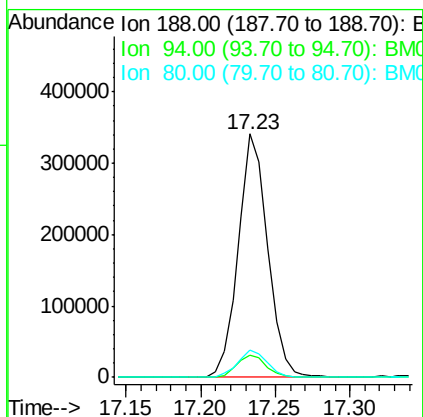
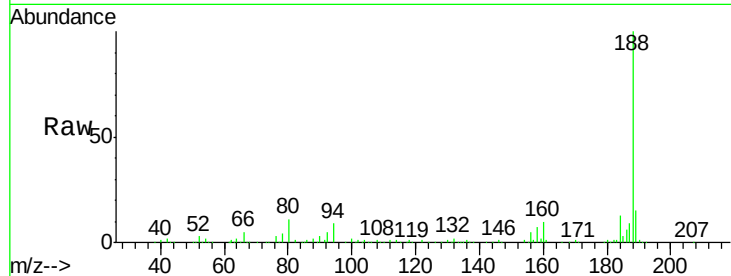




#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.23 min Scan# 2405  
 Delta R.T. -0.02 min  
 Lab File: BM009546.D  
 Acq: 05 Apr 2017 01:03

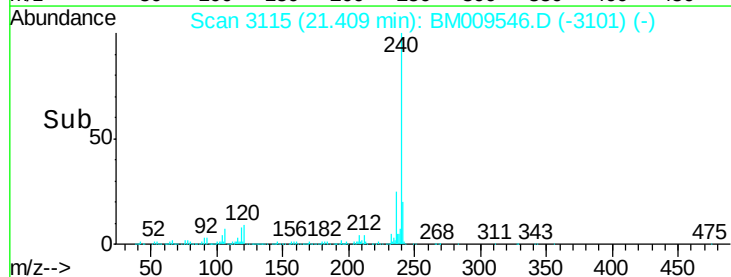
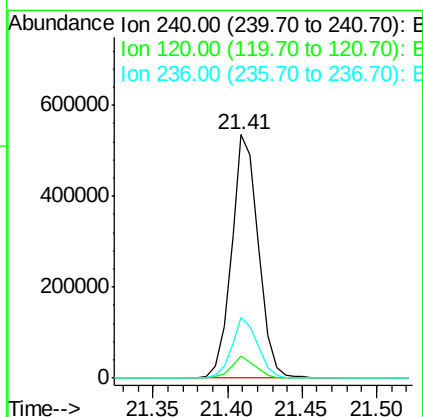
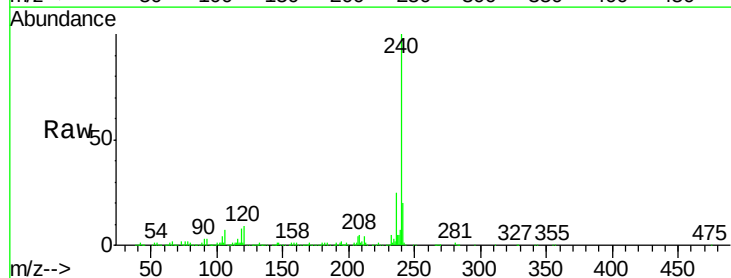
Instrument :  
 BNA\_M  
 ClientSampleId :  
 LSS-SP04-COMP

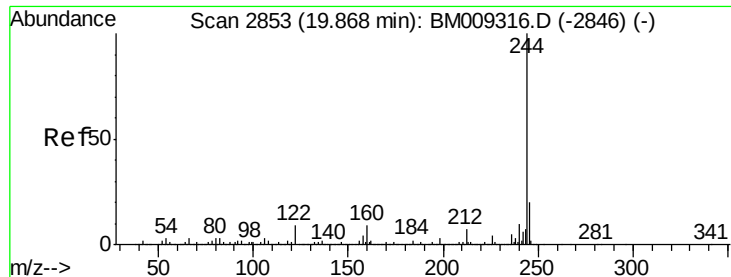
Tgt Ion:188 Resp: 467712  
 Ion Ratio Lower Upper  
 188 100  
 94 9.4 8.7 13.1  
 80 11.3 9.3 13.9



#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.41 min Scan# 3115  
 Delta R.T. -0.02 min  
 Lab File: BM009546.D  
 Acq: 05 Apr 2017 01:03

Tgt Ion:240 Resp: 672014  
 Ion Ratio Lower Upper  
 240 100  
 120 9.0 8.2 12.2  
 236 24.7 20.0 30.0





#78

Terphenyl-d14

Concen: 93.11 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009546.D

Acq: 05 Apr 2017 01:03

Instrument :

BNA\_M

ClientSampleId :

LSS-SP04-COMP

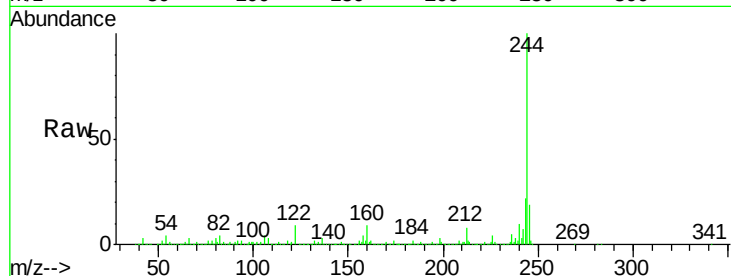
Tgt Ion:244 Resp: 2994516

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

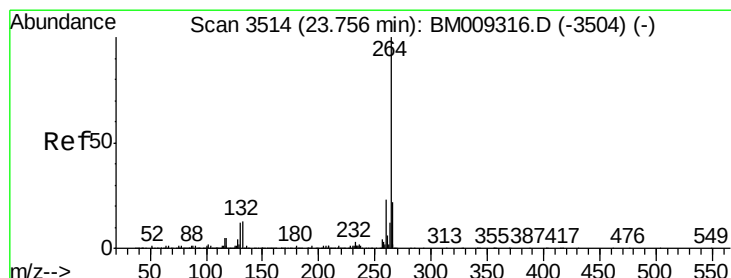
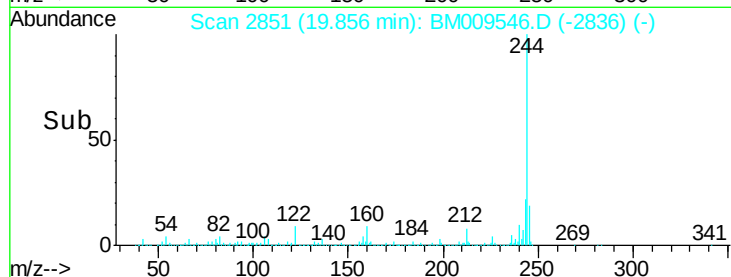
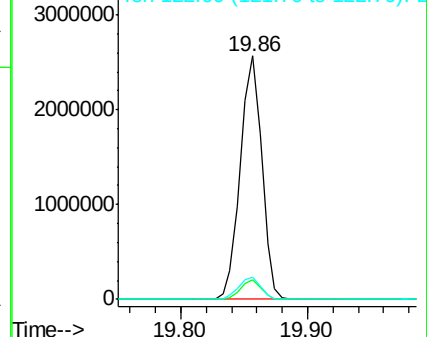
122 9.1 6.2 9.4



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: 20.00 ng

RT: 23.73 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BM009546.D

Acq: 05 Apr 2017 01:03

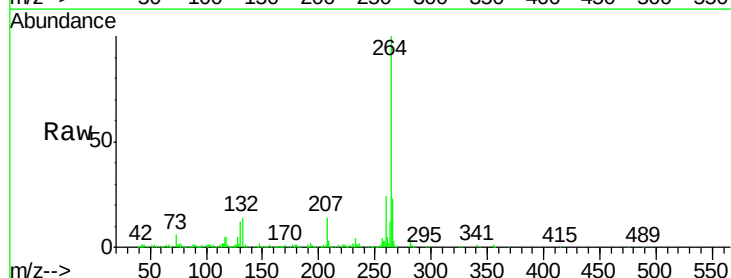
Tgt Ion:264 Resp: 639030

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 23.3 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

