

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM040517\  
 Data File : BM009544.D  
 Acq On : 04 Apr 2017 23:51  
 Operator : SJ/MA  
 Sample : I2495-12  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LSS-SP02-COMP

Quant Time: Apr 05 02:19:53 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  | 100007   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.64 | 136  | 368396   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 14.49 | 164  | 190365   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 17.23 | 188  | 475852   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 21.41 | 240  | 633283   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 23.73 | 264  | 331805   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 988953   | 164.83 | ng    | -0.01    |
| 7) Phenol-d6                | 7.00  | 99   | 1218608  | 148.94 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.01  | 82   | 1039266  | 105.77 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 15.98 | 330  | 436462   | 184.56 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 13.10 | 172  | 1751205  | 110.85 | ng    | -0.02    |
| 78) Terphenyl-d14           | 19.86 | 244  | 2926575  | 96.57  | ng    | -0.01    |

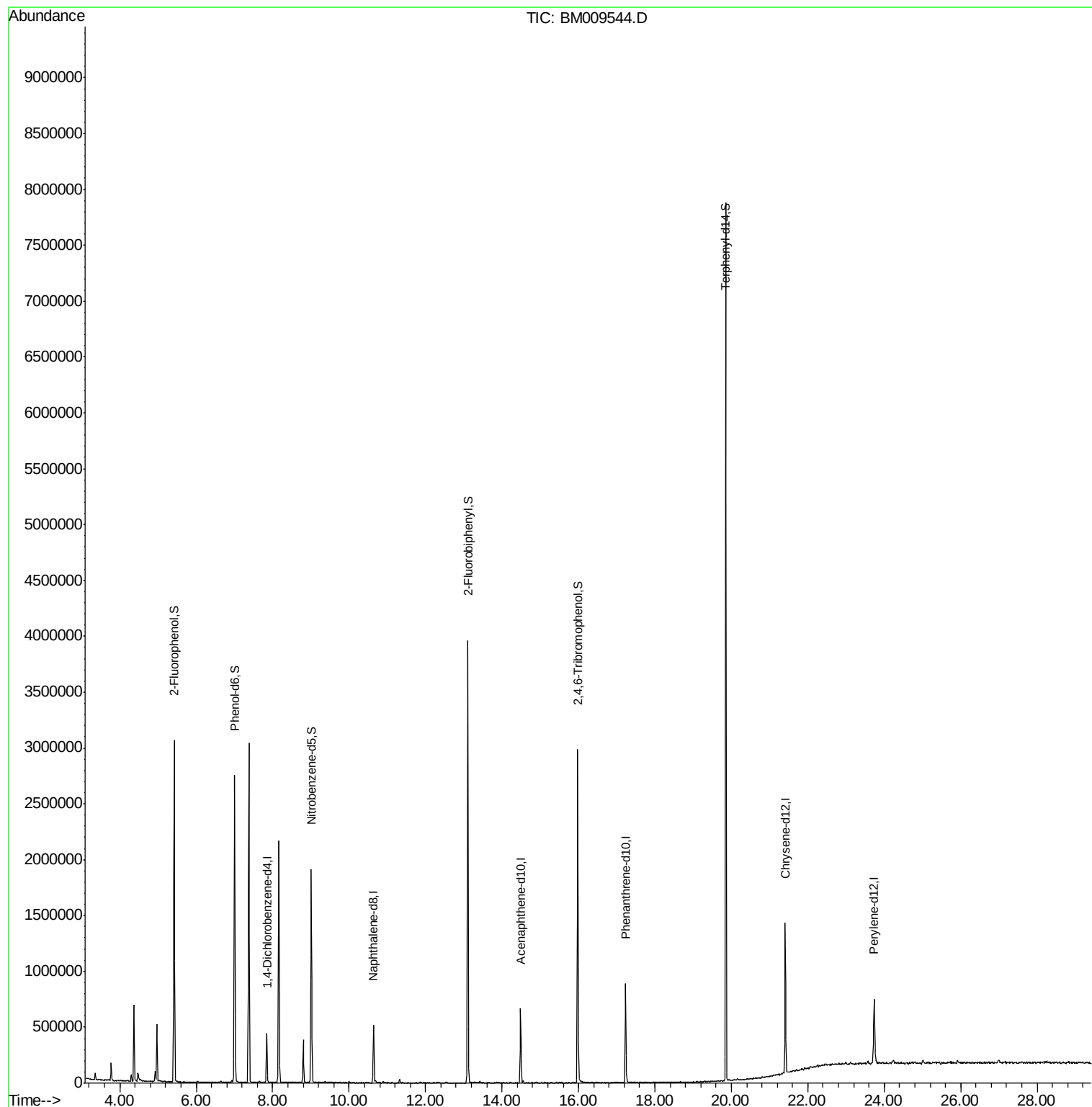
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

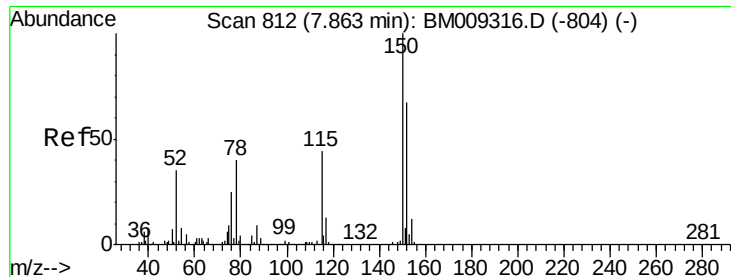
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM009544.D

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Instrument :

BNA\_M

ClientSampleId :

LSS-SP02-COMP

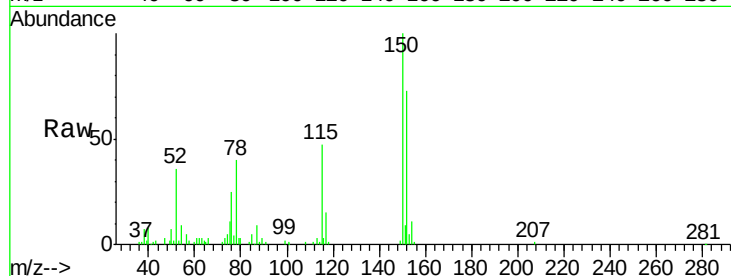
Tgt Ion:152 Resp: 100007

Ion Ratio Lower Upper

152 100

150 137.9 119.5 179.3

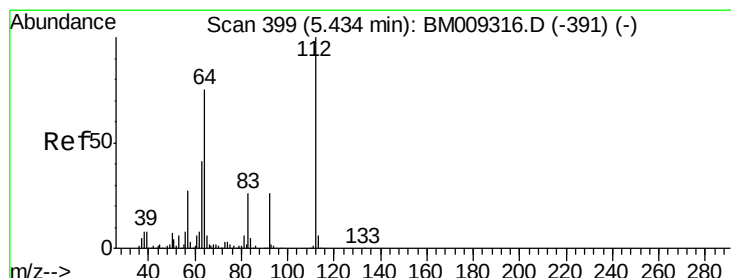
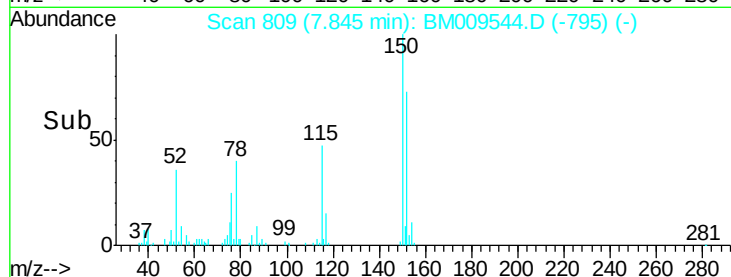
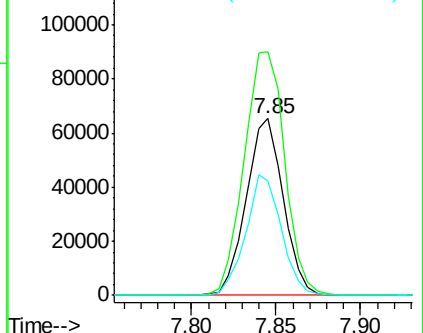
115 64.7 43.0 64.4#



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: 164.83 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009544.D

Acq: 04 Apr 2017 23:51

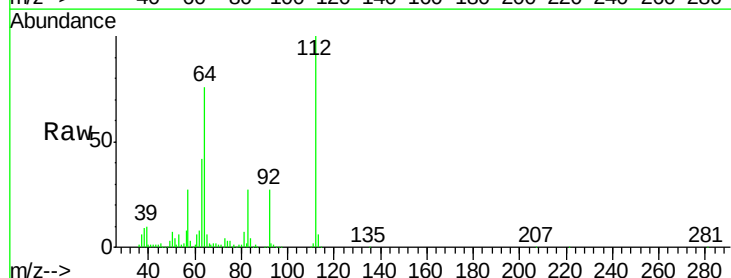
Tgt Ion:112 Resp: 988953

Ion Ratio Lower Upper

112 100

64 75.5 38.6 57.8#

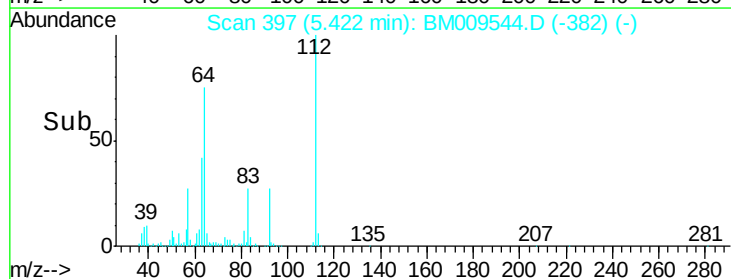
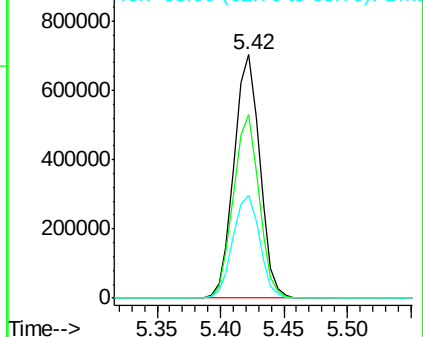
63 42.0 19.3 28.9#

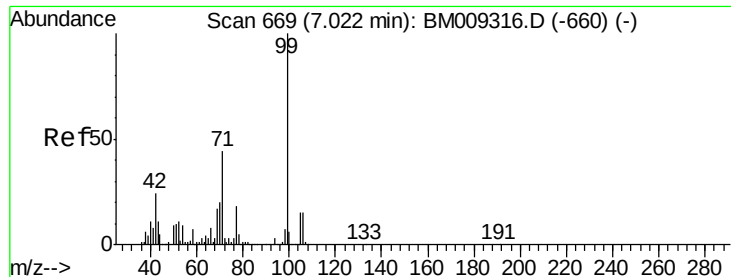


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 148.94 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009544.D

Acq: 04 Apr 2017 23:51

Instrument :

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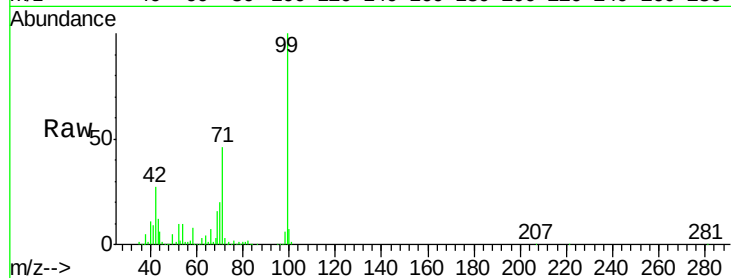
Tgt Ion: 99 Resp: 1218608

Ion Ratio Lower Upper

99 100

42 26.7 11.0 16.4#

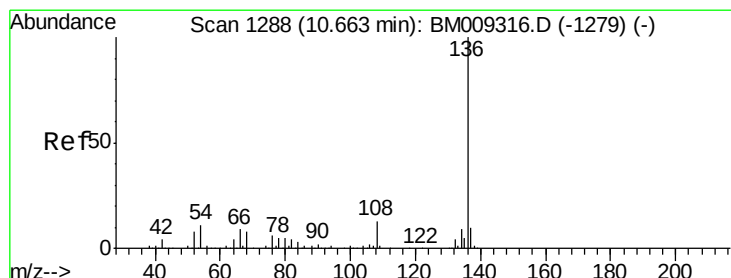
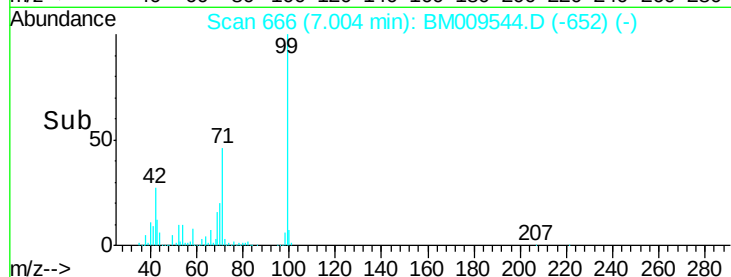
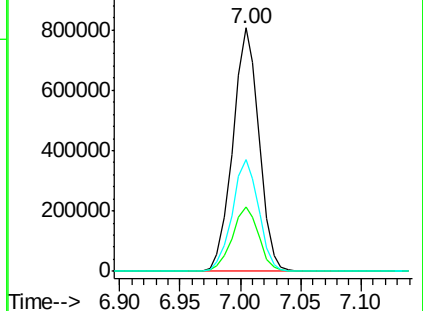
71 45.7 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009544.D

Acq: 04 Apr 2017 23:51

Tgt Ion: 136 Resp: 368396

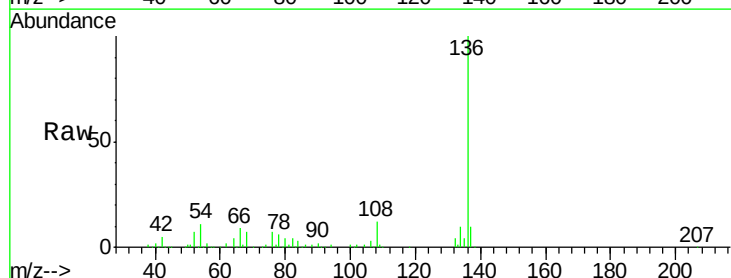
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 11.0 4.6 6.8#

68 7.0 3.7 5.5#

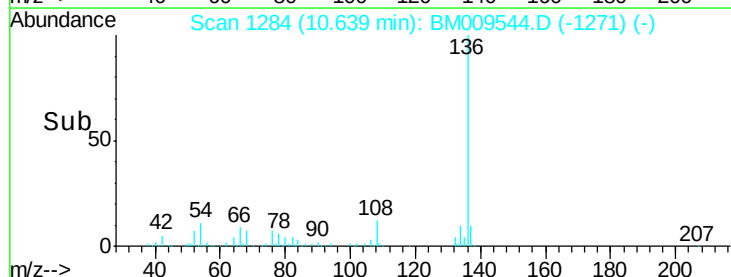
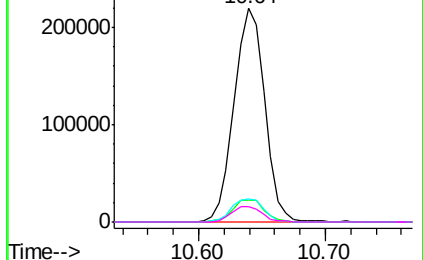


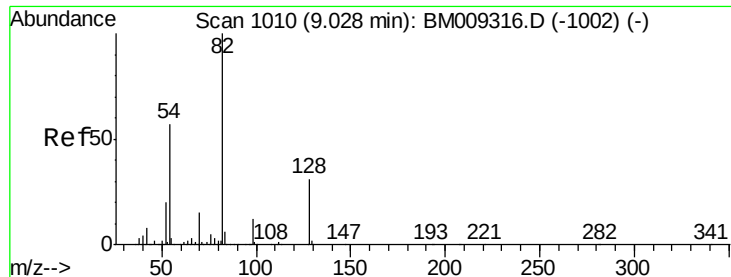
Abundance Ion 136.00 (135.70 to 136.70): BM009316.D (-1279) (-)

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) (-)

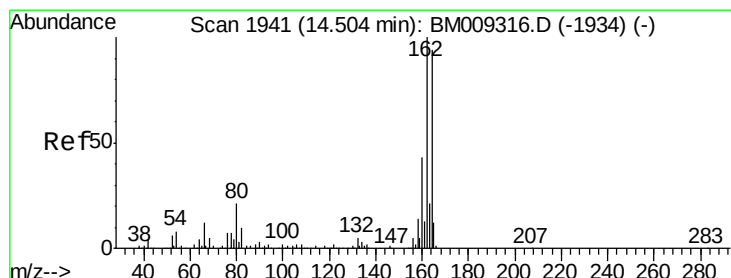
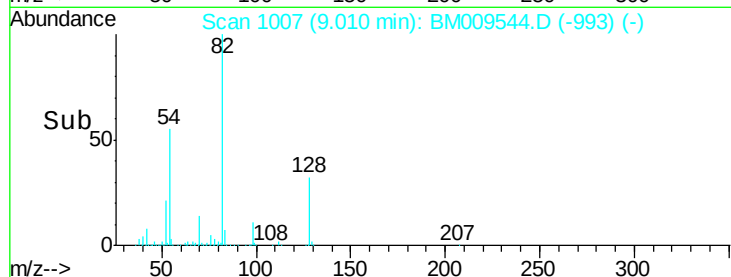
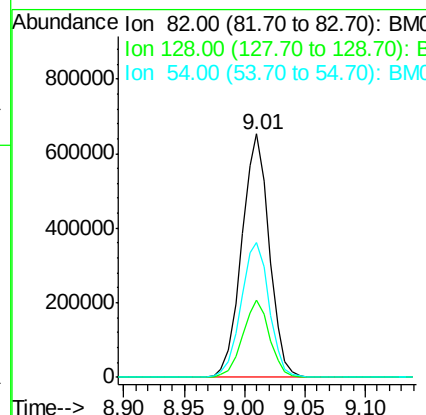
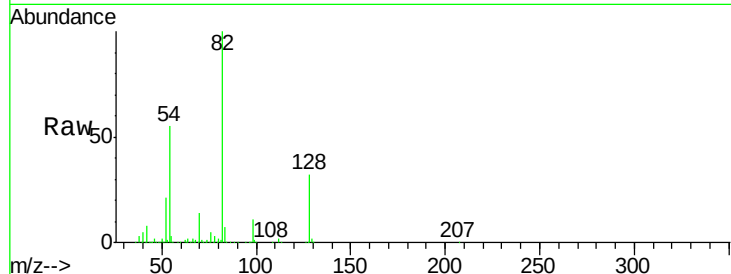




#23  
 Nitrobenzene-d5  
 Concen: 105.77 ng  
 RT: 9.01 min Scan# 1007  
 Delta R.T. -0.02 min  
 Lab File: BM009544.D  
 Acq: 04 Apr 2017 23:51

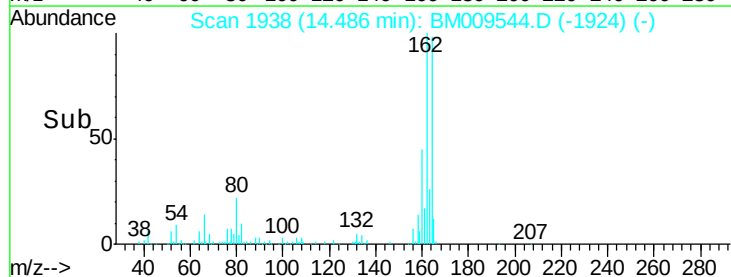
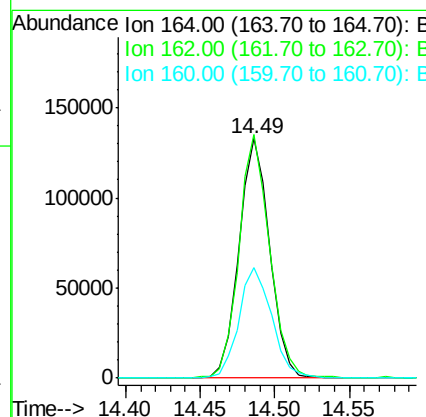
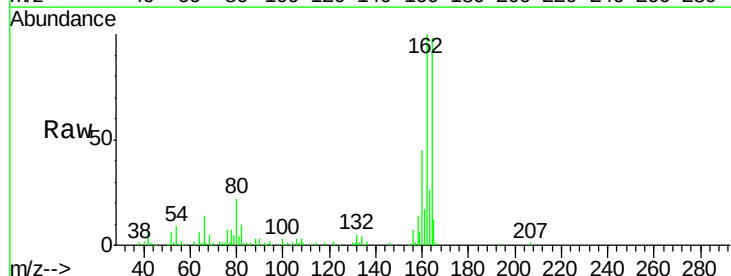
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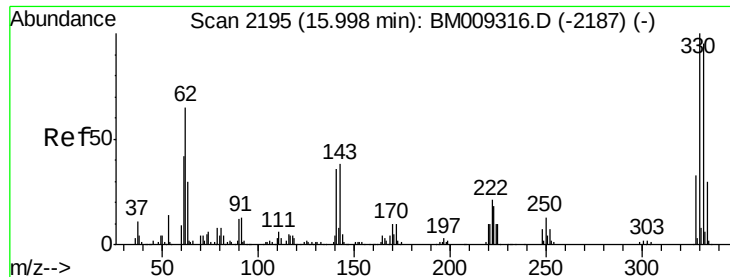
Tgt Ion: 82 Resp: 1039266  
 Ion Ratio Lower Upper  
 82 100  
 128 31.5 32.8 49.2#  
 54 55.2 40.6 60.8



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.49 min Scan# 1938  
 Delta R.T. -0.02 min  
 Lab File: BM009544.D  
 Acq: 04 Apr 2017 23:51

Tgt Ion: 164 Resp: 190365  
 Ion Ratio Lower Upper  
 164 100  
 162 101.6 82.4 123.6  
 160 46.2 35.8 53.6

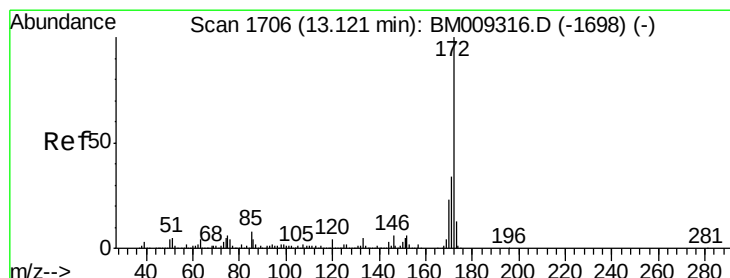
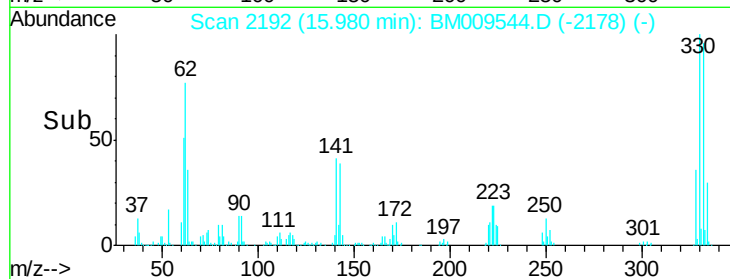
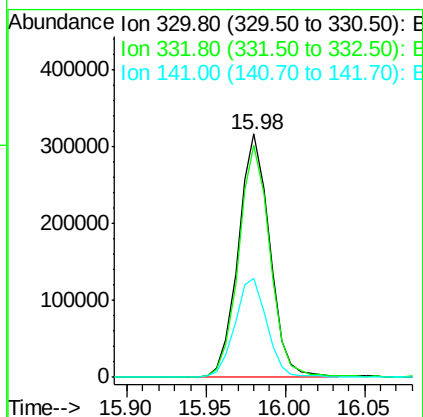
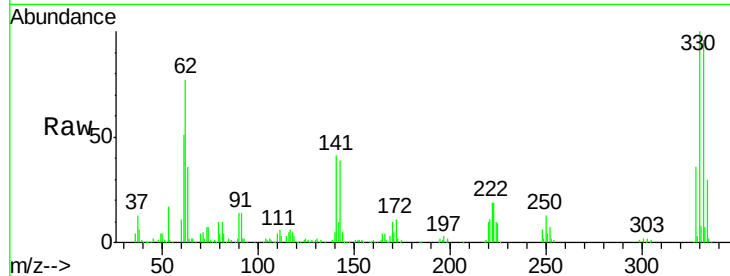




#41  
 2,4,6-Tribromophenol  
 Concen: 184.56 ng  
 RT: 15.98 min Scan# 2192  
 Delta R.T. -0.02 min  
 Lab File: BM009544.D  
 Acq: 04 Apr 2017 23:51

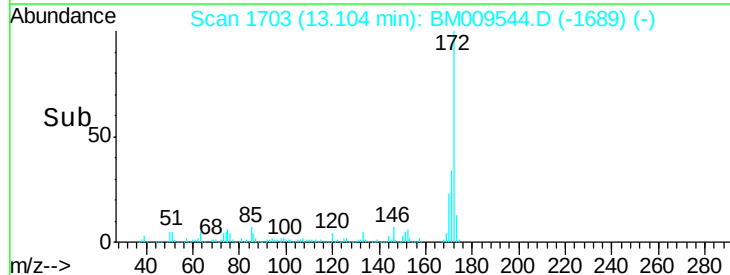
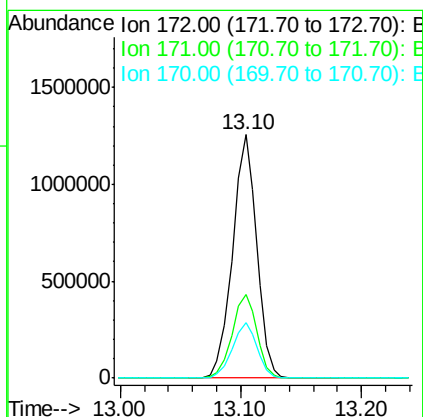
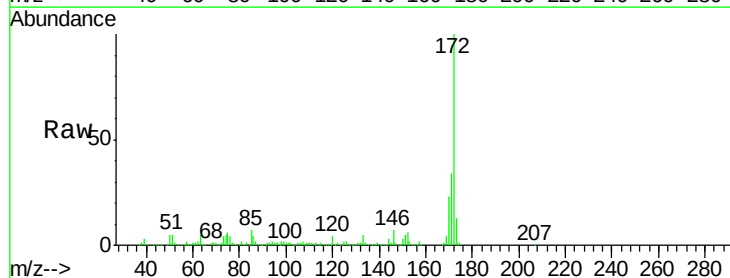
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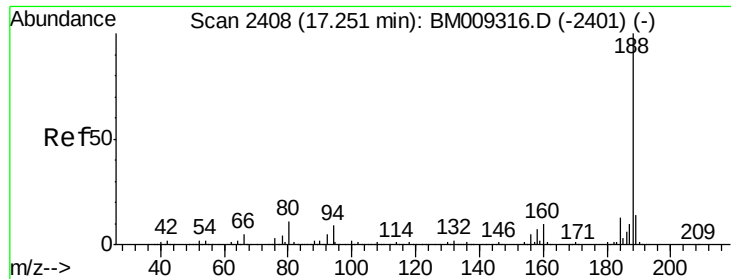
Tgt Ion:330 Resp: 436462  
 Ion Ratio Lower Upper  
 330 100  
 332 95.1 0.0 0.0#  
 141 41.8 0.0 0.0#



#44  
 2-Fluorobiphenyl  
 Concen: 110.85 ng  
 RT: 13.10 min Scan# 1703  
 Delta R.T. -0.02 min  
 Lab File: BM009544.D  
 Acq: 04 Apr 2017 23:51

Tgt Ion:172 Resp: 1751205  
 Ion Ratio Lower Upper  
 172 100  
 171 34.4 28.5 42.7  
 170 22.8 18.8 28.2

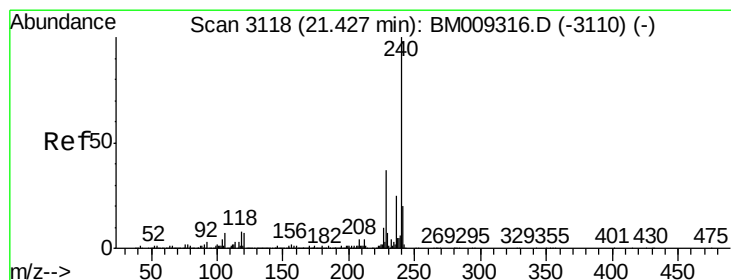
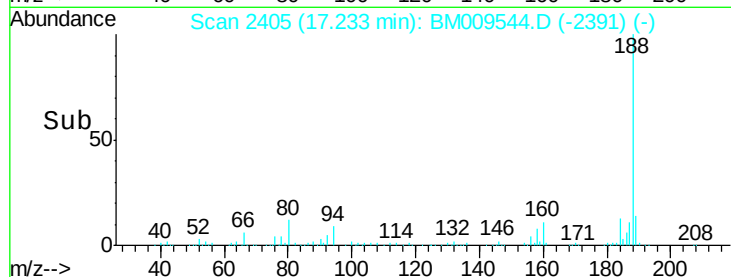
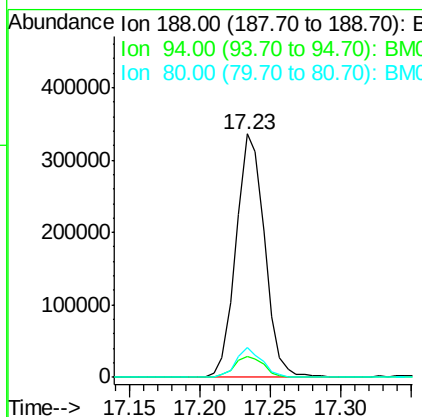
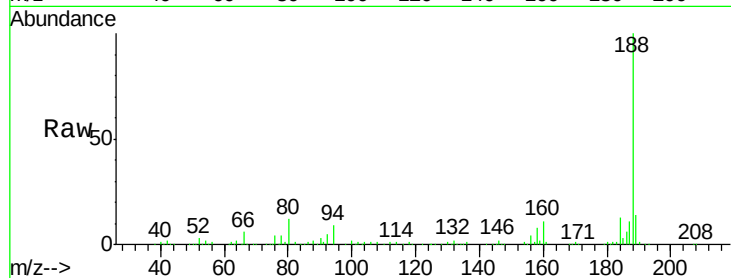




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.23 min Scan# 2405  
Delta R.T. -0.02 min  
Lab File: BM009544.D  
Acq: 04 Apr 2017 23:51

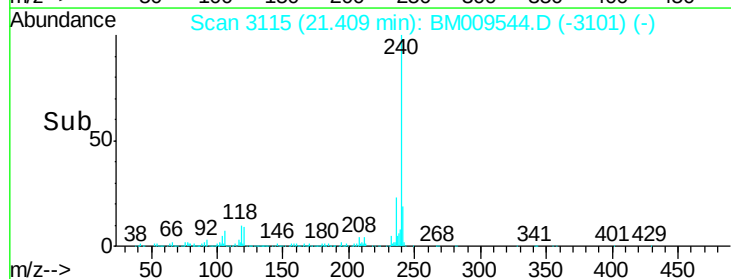
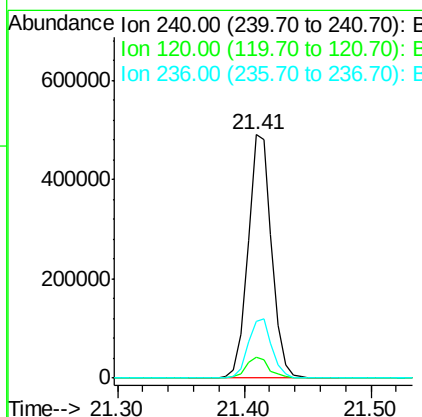
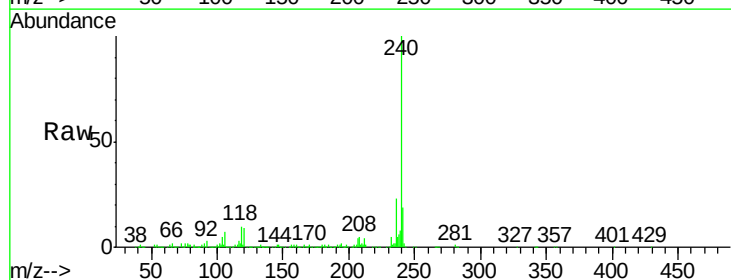
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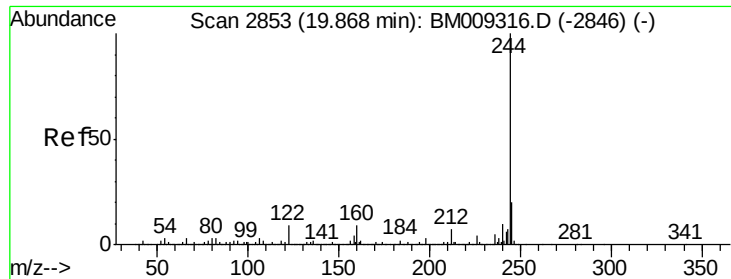
Tgt Ion:188 Resp: 475852  
Ion Ratio Lower Upper  
188 100  
94 8.7 8.7 13.1#  
80 12.1 9.3 13.9



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.41 min Scan# 3115  
Delta R.T. -0.02 min  
Lab File: BM009544.D  
Acq: 04 Apr 2017 23:51

Tgt Ion:240 Resp: 633283  
Ion Ratio Lower Upper  
240 100  
120 8.7 8.2 12.2  
236 23.4 20.0 30.0

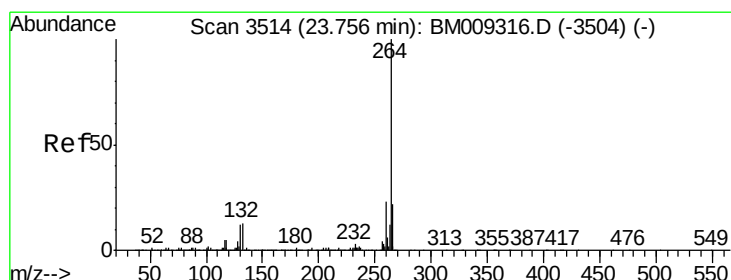
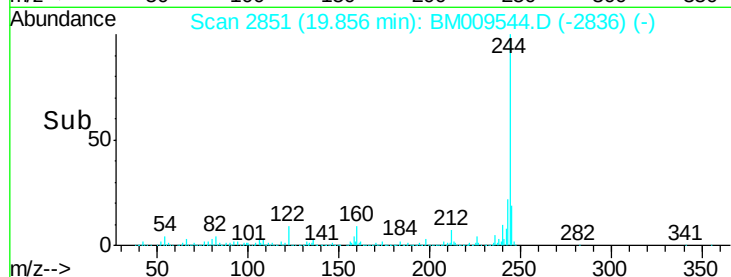
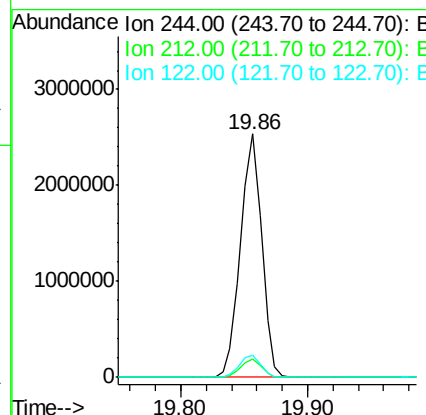
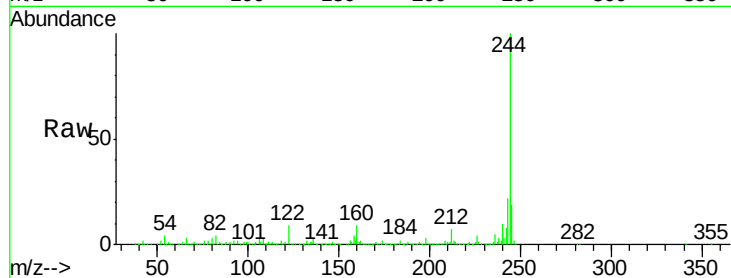




#78  
 Terphenyl-d14  
 Concen: 96.57 ng  
 RT: 19.86 min Scan# 2851  
 Delta R.T. -0.01 min  
 Lab File: BM009544.D  
 Acq: 04 Apr 2017 23:51

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LSS-SP02-COMP

Tgt Ion:244 Resp: 2926575  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 4.9 7.3#  
 122 9.3 6.2 9.4



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.73 min Scan# 3510  
 Delta R.T. -0.02 min  
 Lab File: BM009544.D  
 Acq: 04 Apr 2017 23:51

Tgt Ion:264 Resp: 331805  
 Ion Ratio Lower Upper  
 264 100  
 260 27.9 18.6 27.8#  
 265 21.3 17.3 25.9

