

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
 Data File : BM009930.D
 Acq On : 06 May 2017 07:55
 Operator : SJ/MA
 Sample : I2949-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-07

Quant Time: May 08 02:57:13 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

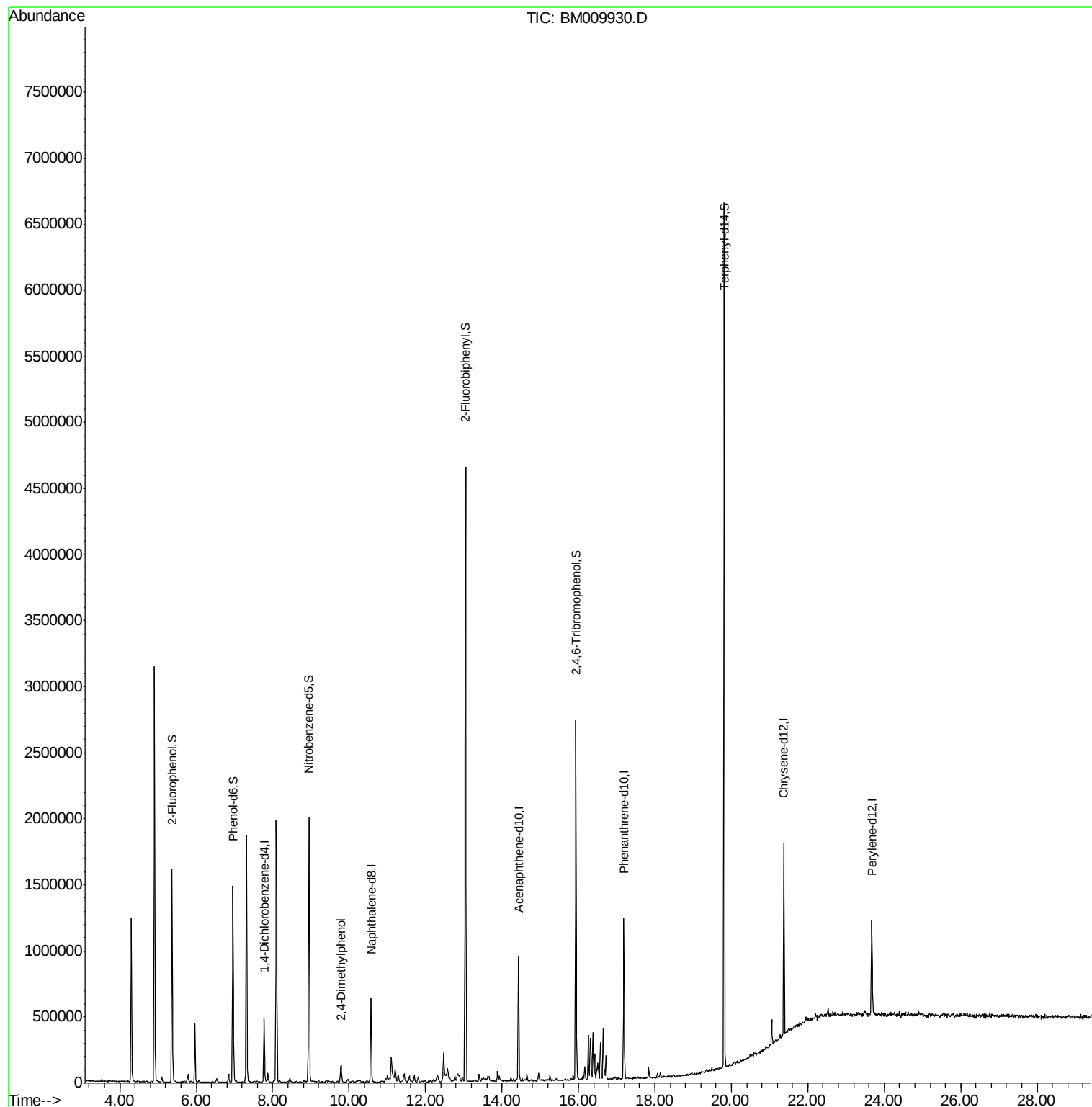
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	96964	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	410931	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	259358	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	604773	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	626065	20.00	ng	-0.01
86) Perylene-d12	23.68	264	480713	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	480252	78.85	ng	0.00
7) Phenol-d6	6.96	99	623972	66.84	ng	0.00
23) Nitrobenzene-d5	8.95	82	1047530	92.25	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	347404	98.08	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1921934	96.55	ng	0.00
78) Terphenyl-d14	19.81	244	2434187	79.76	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.79	122	20092	2.93	ng	Qvalue # 73

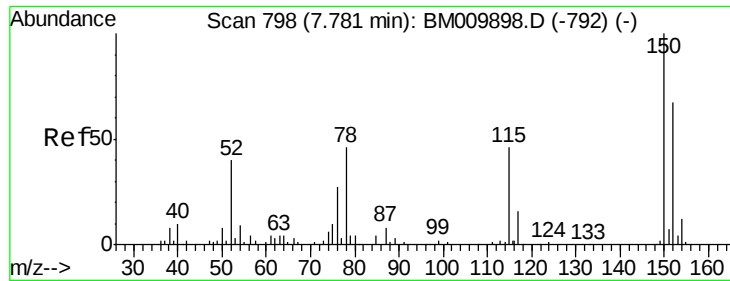
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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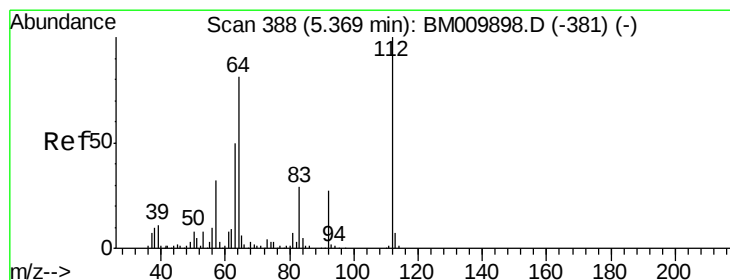
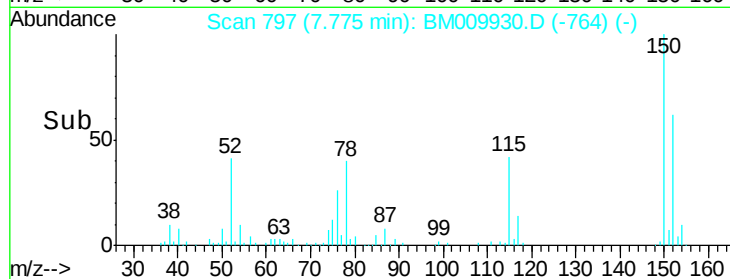
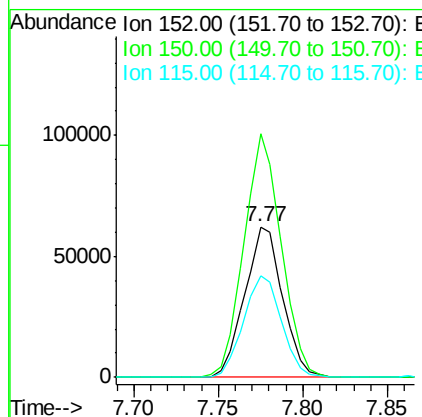
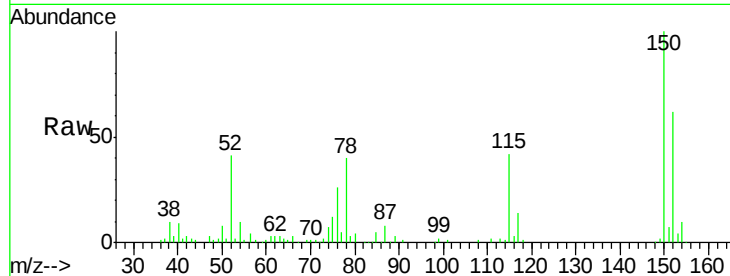




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BM009930.D
 Acq: 06 May 2017 07:55

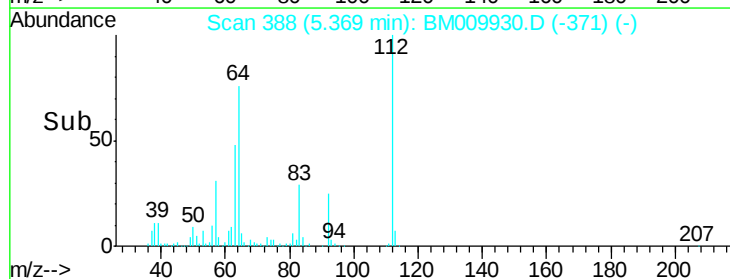
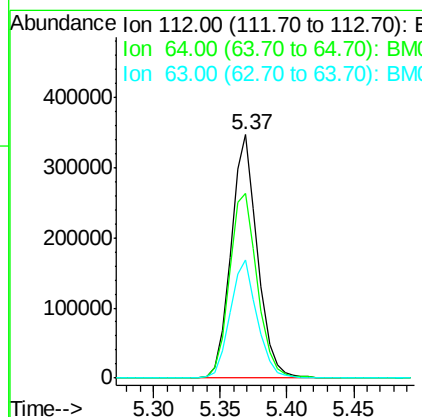
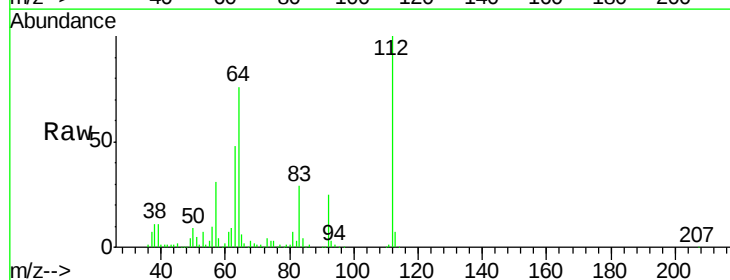
Instrument :
 BNA_M
 ClientSampleId :
 TWP-07

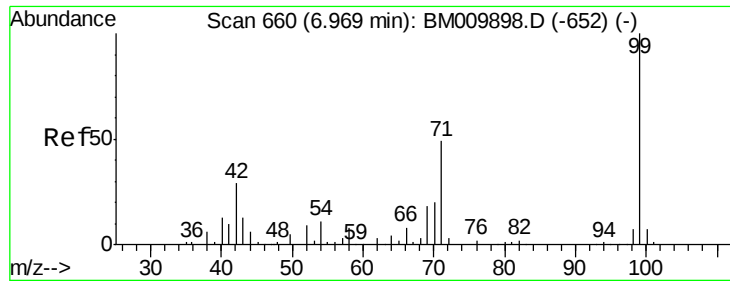
Tgt Ion:152 Resp: 96964
 Ion Ratio Lower Upper
 152 100
 150 161.9 119.5 179.3
 115 67.3 43.0 64.4#



#5
 2-Fluorophenol
 Concen: 78.85 ng
 RT: 5.37 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: BM009930.D
 Acq: 06 May 2017 07:55

Tgt Ion:112 Resp: 480252
 Ion Ratio Lower Upper
 112 100
 64 76.0 38.6 57.8#
 63 48.3 19.3 28.9#





#7

Phenol-d6

Concen: 66.84 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009930.D

Acq: 06 May 2017 07:55

Instrument :

BNA_M

ClientSampleId :

TWP-07

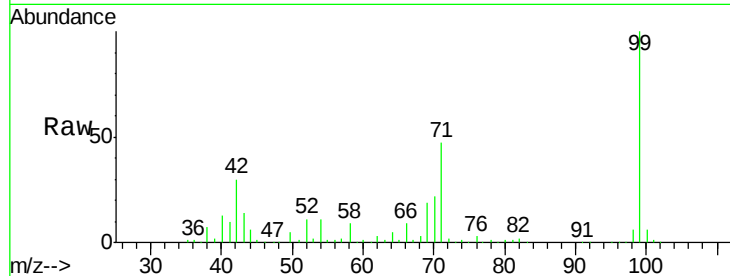
Tgt Ion: 99 Resp: 623972

Ion Ratio Lower Upper

99 100

42 29.6 11.0 16.4#

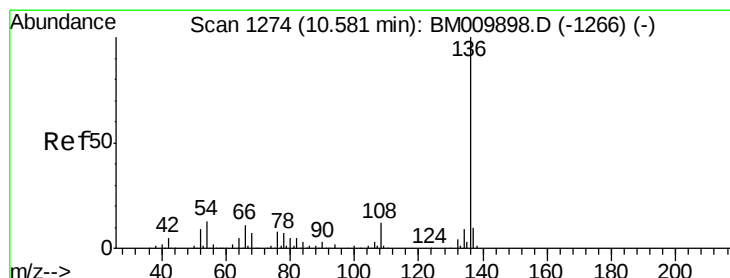
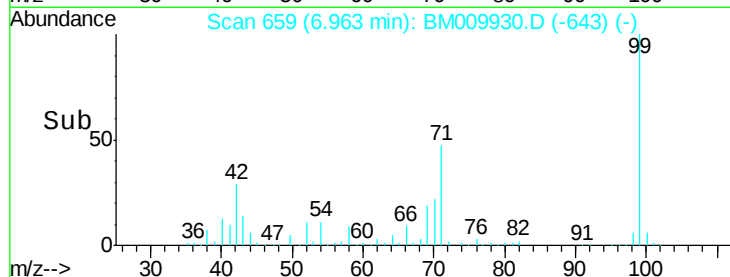
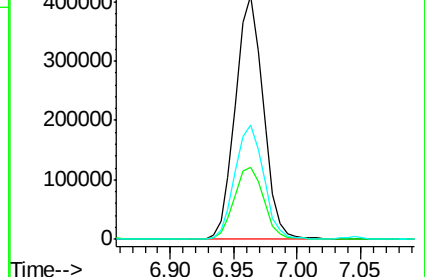
71 47.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009898.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009898.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009898.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM009930.D

Acq: 06 May 2017 07:55

Tgt Ion: 136 Resp: 410931

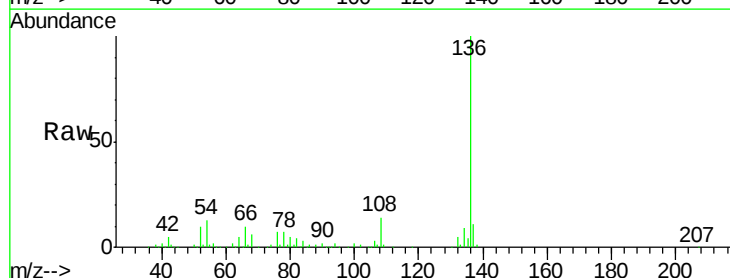
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 12.9 4.6 6.8#

68 6.4 3.7 5.5#

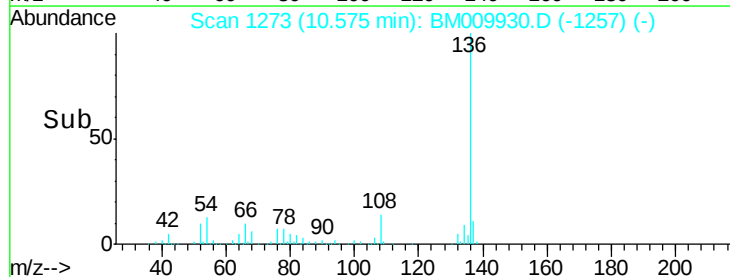
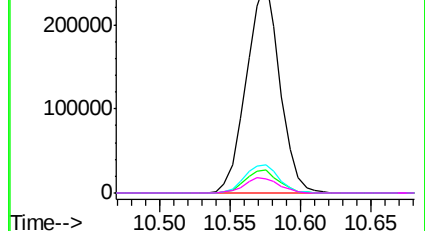


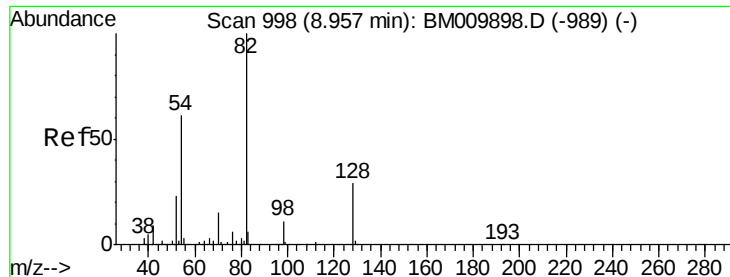
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

Ion 137.00 (136.70 to 137.70): BM009898.D (-1266) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-1266) (-)

Ion 68.00 (67.70 to 68.70): BM009898.D (-1266) (-)





#23

Nitrobenzene-d5

Concen: 92.25 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BM009930.D

Acq: 06 May 2017 07:55

Instrument :

BNA_M

ClientSampleId :

TWP-07

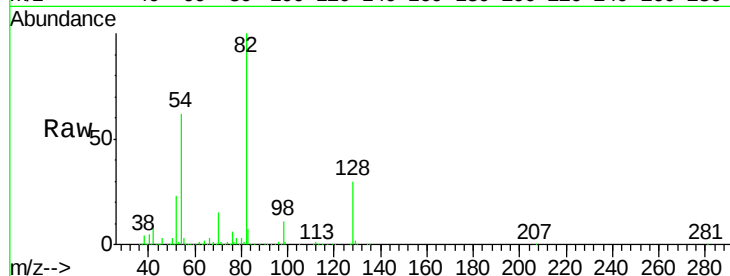
Tgt Ion: 82 Resp: 1047530

Ion Ratio Lower Upper

82 100

128 29.8 32.8 49.2#

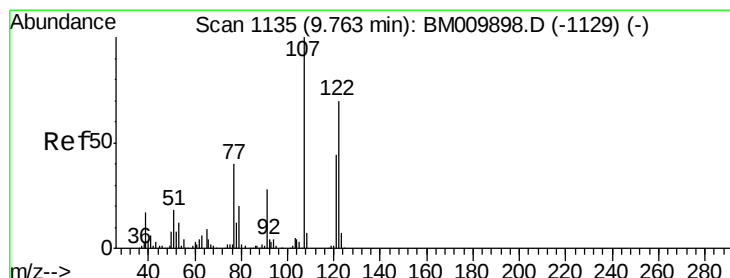
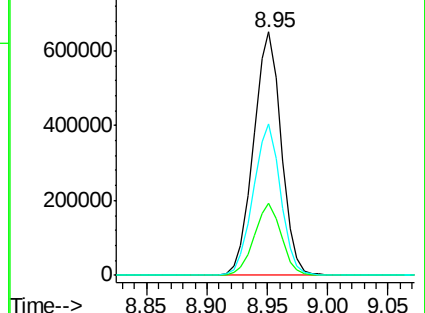
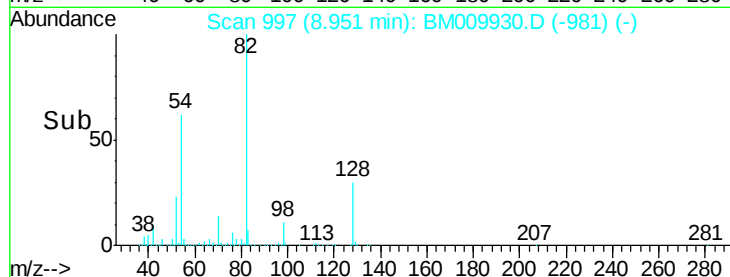
54 62.3 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM009898.D (-989) (-)

Ion 128.00 (127.70 to 128.70): BM009898.D (-989) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-989) (-)



#27

2,4-Dimethylphenol

Concen: 2.93 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.03 min

Lab File: BM009930.D

Acq: 06 May 2017 07:55

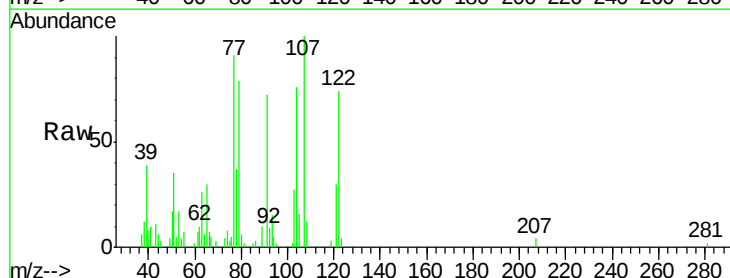
Tgt Ion: 122 Resp: 20092

Ion Ratio Lower Upper

122 100

107 134.9 84.7 127.1#

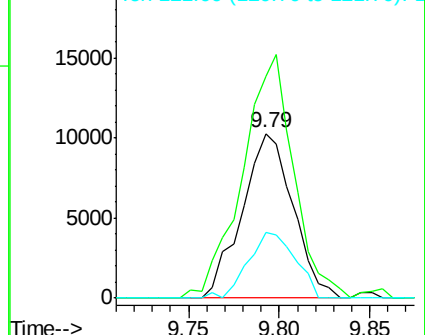
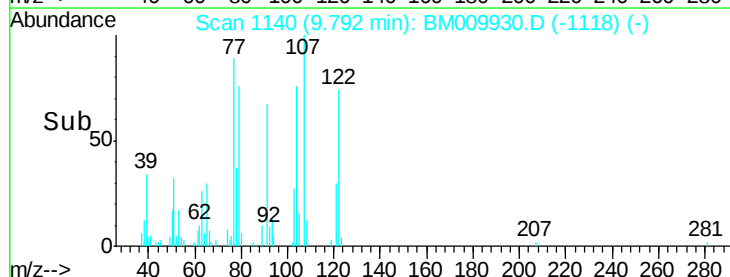
121 39.8 46.6 69.8#

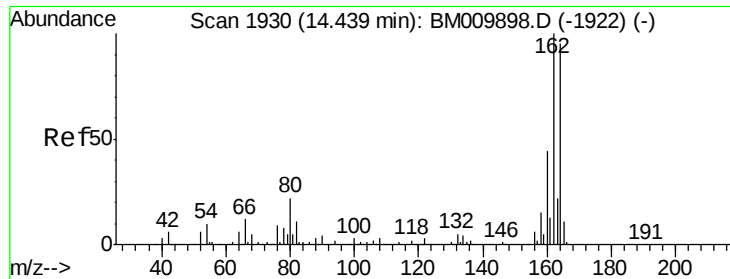


Abundance Ion 122.00 (121.70 to 122.70): BM009898.D (-1129) (-)

Ion 107.00 (106.70 to 107.70): BM009898.D (-1129) (-)

Ion 121.00 (120.70 to 121.70): BM009898.D (-1129) (-)





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BM009930.D

Acq: 06 May 2017 07:55

Instrument :

BNA_M

ClientSampleId :

TWP-07

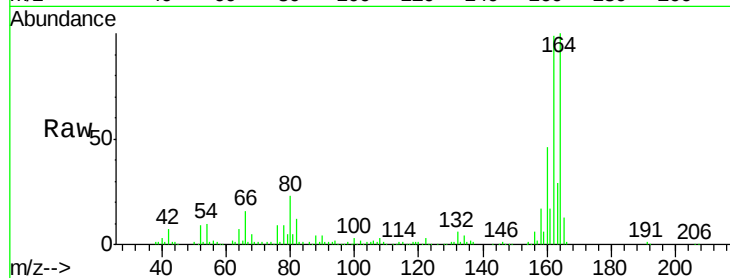
Tgt Ion:164 Resp: 259358

Ion Ratio Lower Upper

164 100

162 99.3 82.4 123.6

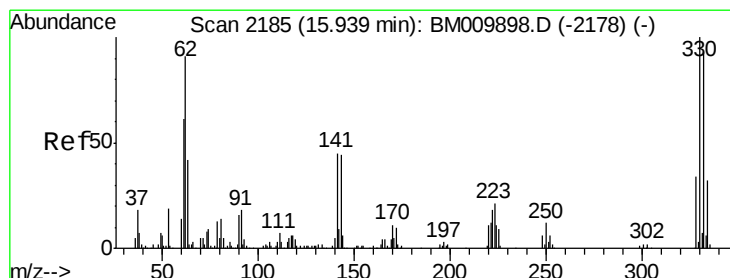
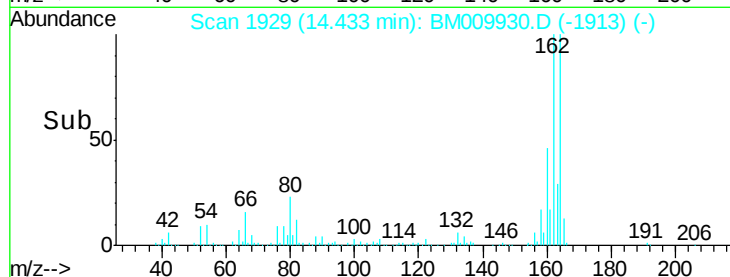
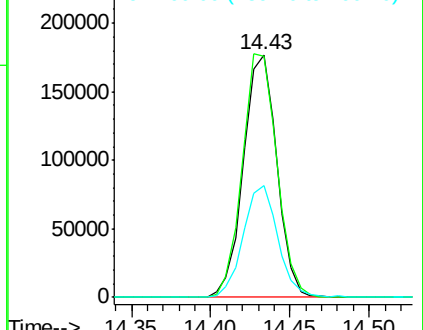
160 45.9 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 98.08 ng

RT: 15.93 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BM009930.D

Acq: 06 May 2017 07:55

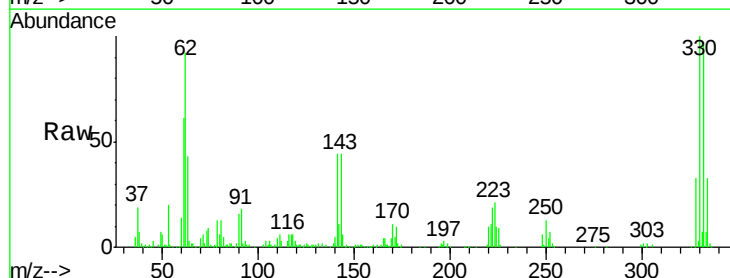
Tgt Ion:330 Resp: 347404

Ion Ratio Lower Upper

330 100

332 95.5 0.0 0.0#

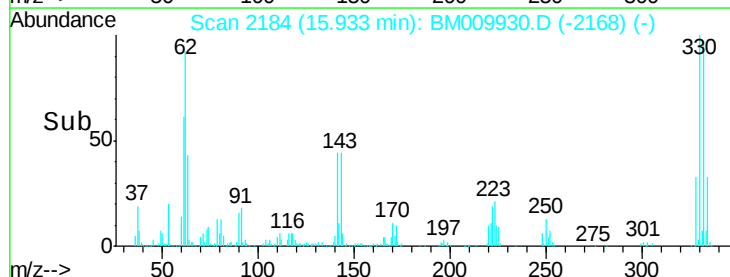
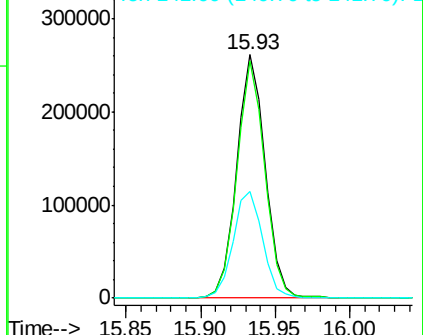
141 45.5 0.0 0.0#

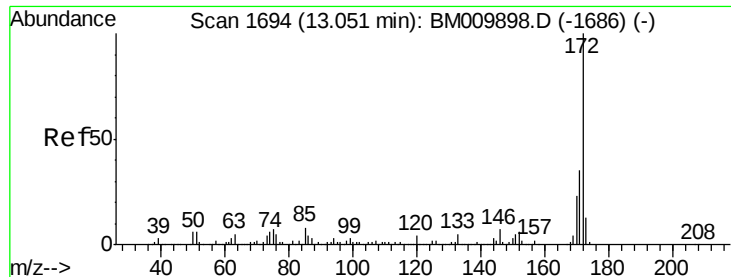


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

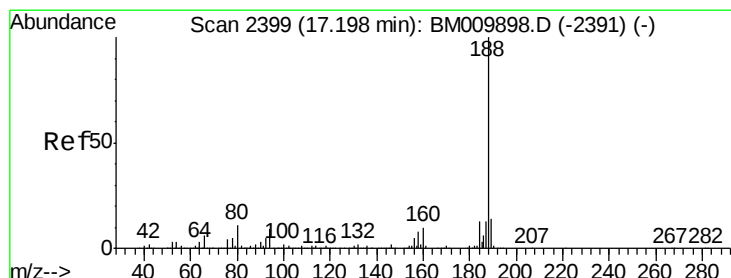
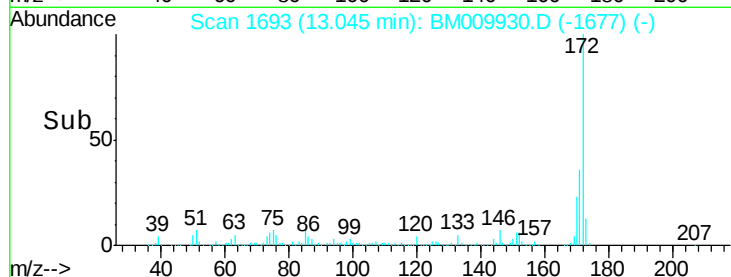
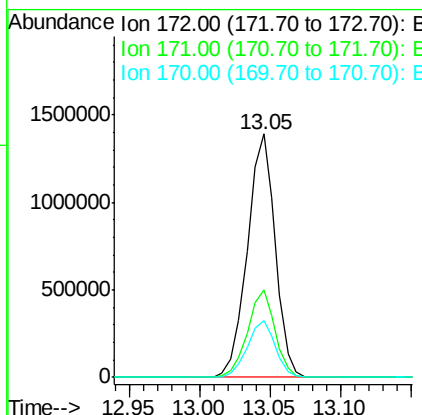
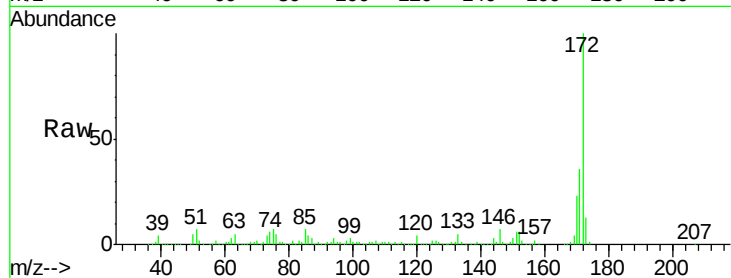




#44
2-Fluorobiphenyl
Concen: 96.55 ng
RT: 13.05 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BM009930.D
Acq: 06 May 2017 07:55

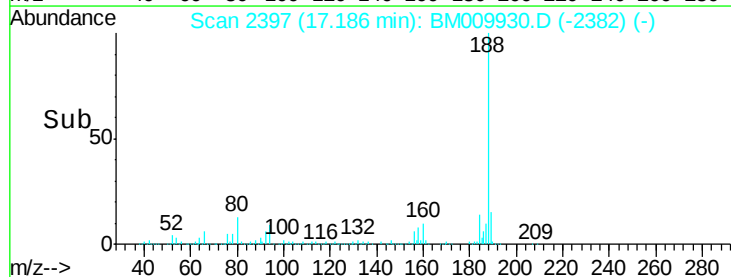
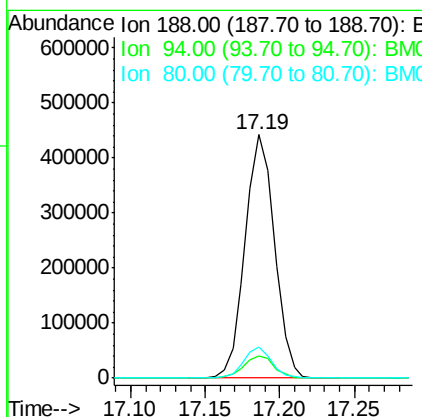
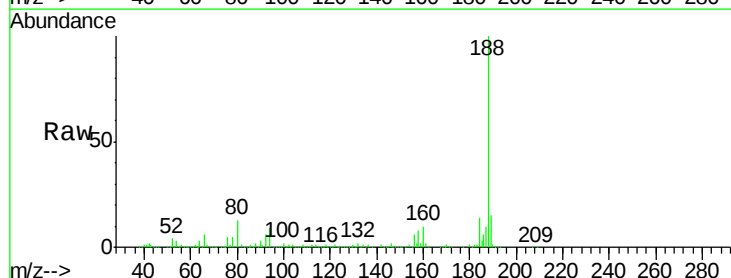
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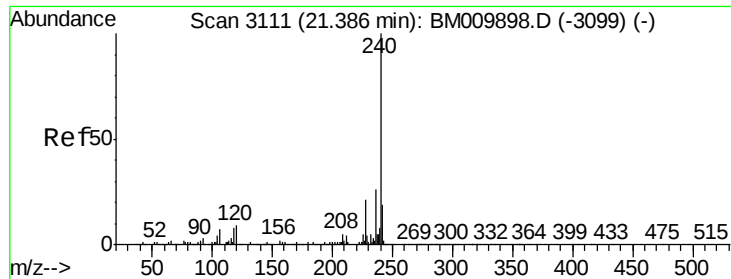
Tgt Ion:172 Resp: 1921934
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.3 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009930.D
Acq: 06 May 2017 07:55

Tgt Ion:188 Resp: 604773
Ion Ratio Lower Upper
188 100
94 9.3 8.7 13.1
80 12.7 9.3 13.9

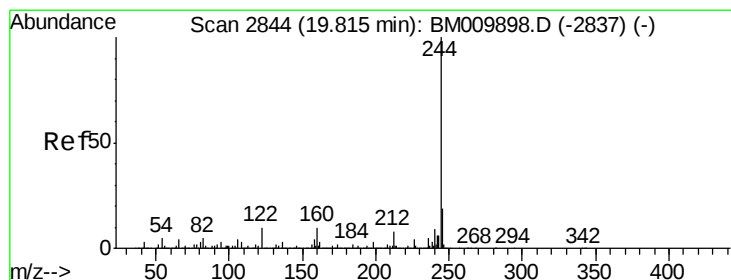
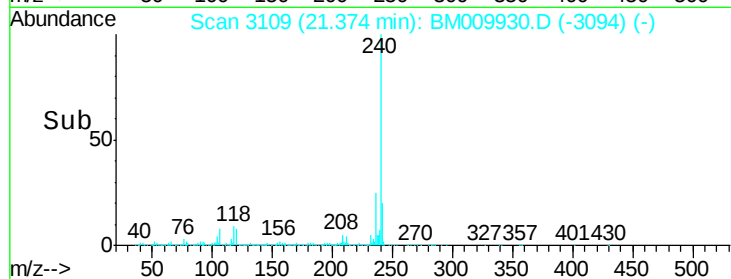
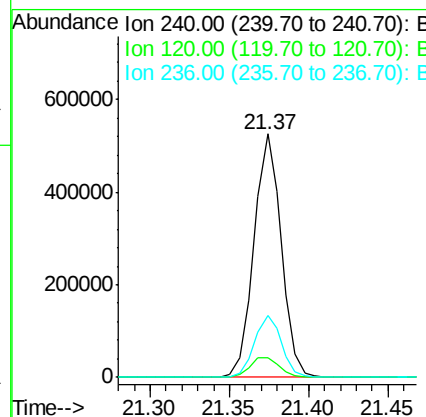
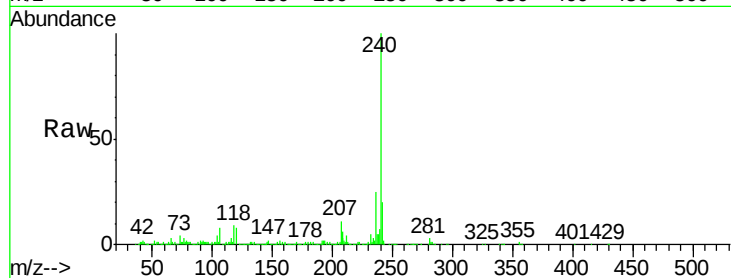




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.37 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM009930.D
 Acq: 06 May 2017 07:55

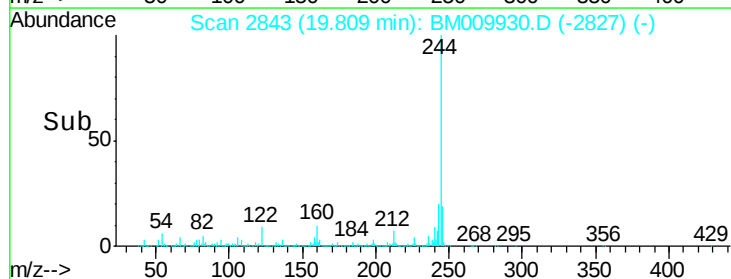
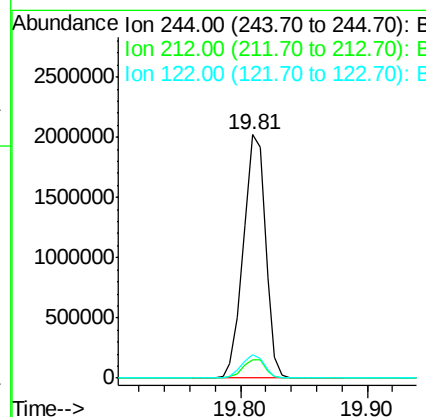
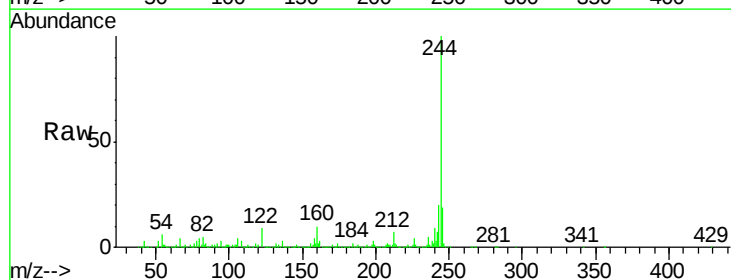
Instrument :
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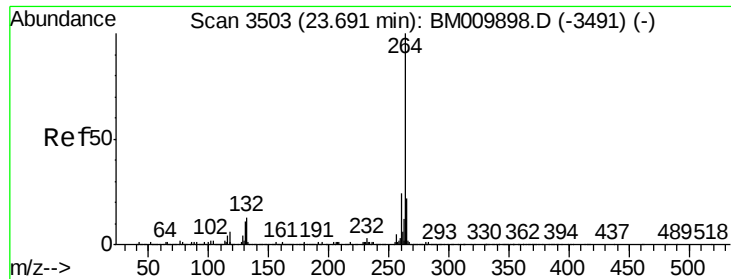
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	8.2	12.2#
236	25.2	20.0	30.0



#78
 Terphenyl-d14
 Concen: 79.76 ng
 RT: 19.81 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BM009930.D
 Acq: 06 May 2017 07:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	9.5	6.2	9.4#

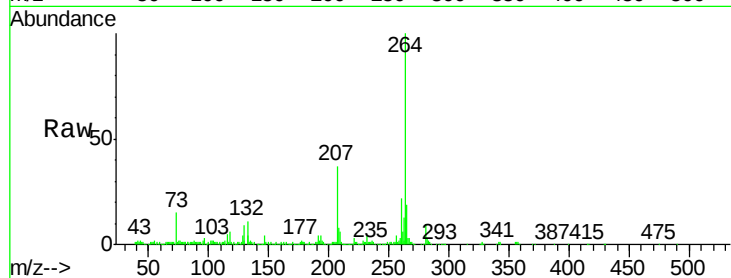




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.68 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BM009930.D
Acq: 06 May 2017 07:55

Instrument :
BNA_M
ClientSampleId :
TWP-07

Tgt Ion:	264	Resp:	480713
Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.6	27.8
265	19.3	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

