

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 :

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

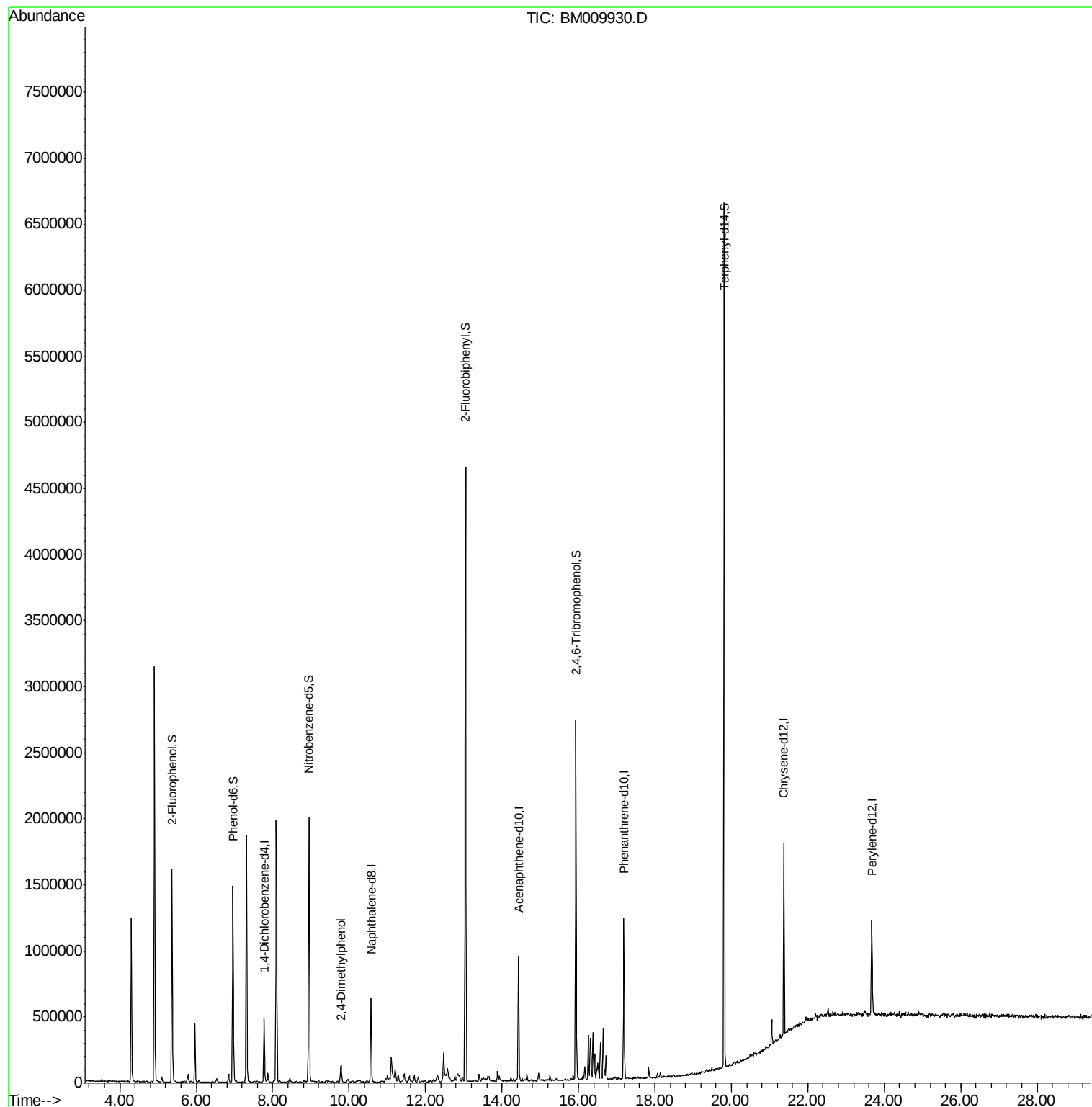
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	96964	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	410931	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	259358	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	604773	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	626065	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

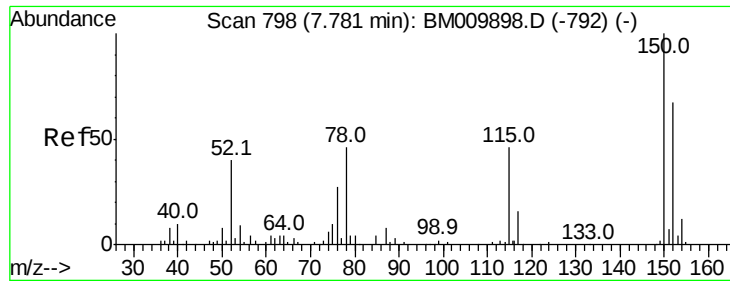
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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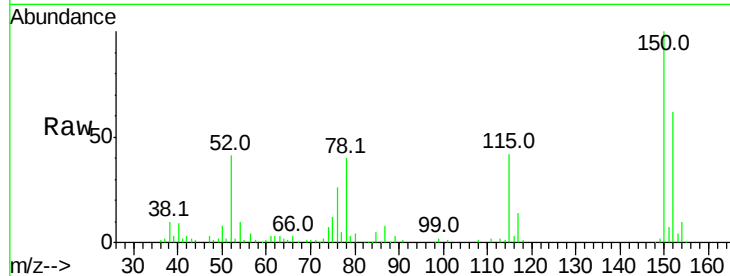


#1

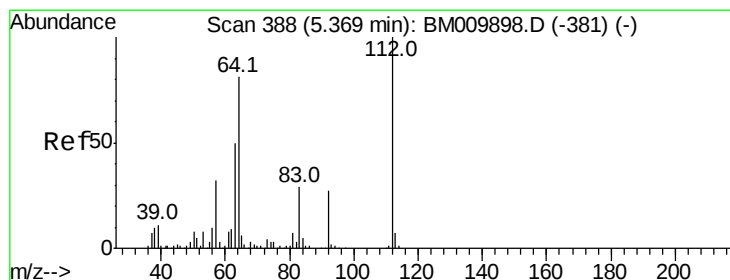
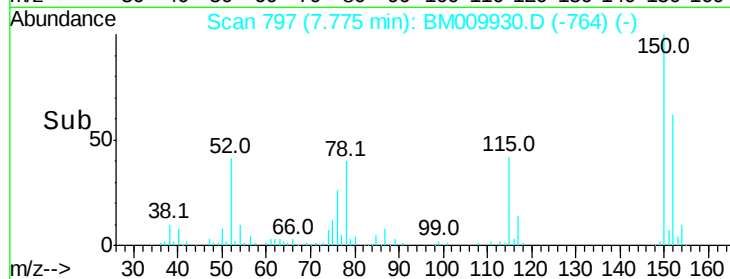
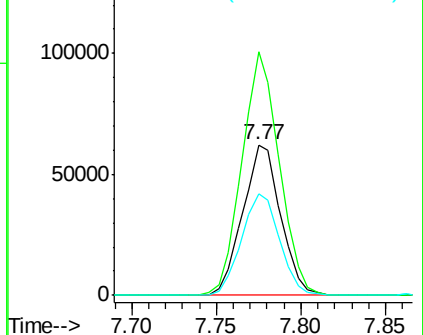
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009930.D
Acq: 06 May 2017 07:55

Instrument :
BNA_M
ClientSampleId :

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



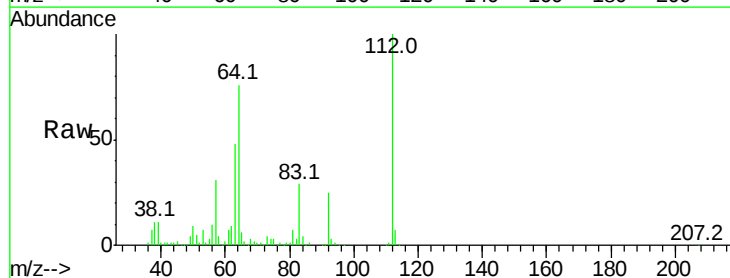
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



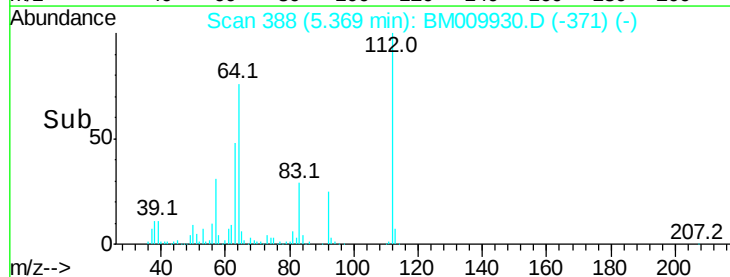
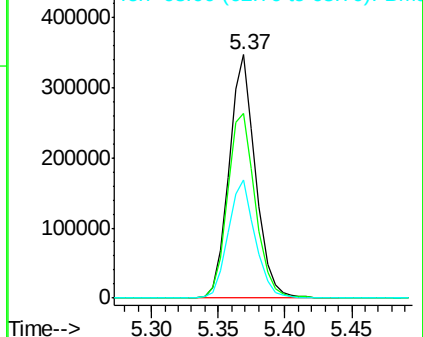
#5

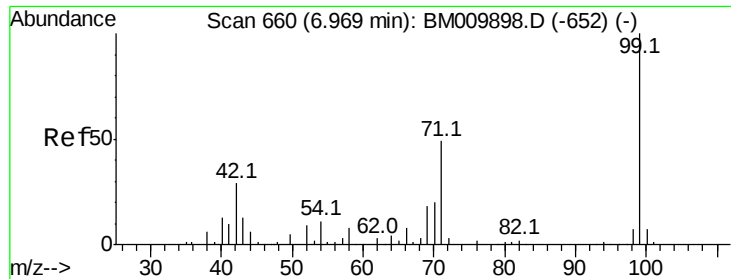
2-Fluorophenol
Concen: 78.85 ng
RT: 5.37 min Scan# 388
Delta R.T. 0.00 min
Lab File: BM009930.D
Acq: 06 May 2017 07:55

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#



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: 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

ClientSampled :

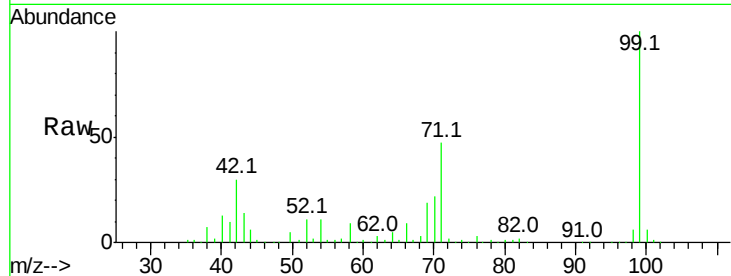
Tot Ion: 99 Resp: 623972

Ion Ratio Lower Upper

99 100

42 29.6 11.0 16.4#

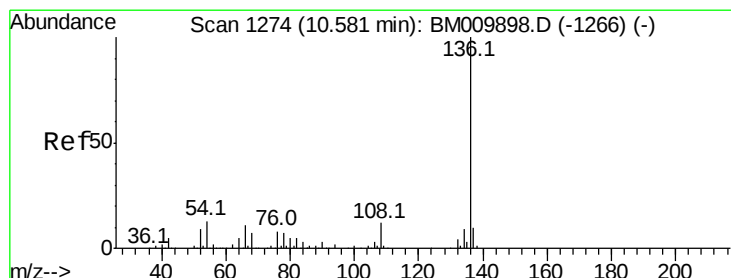
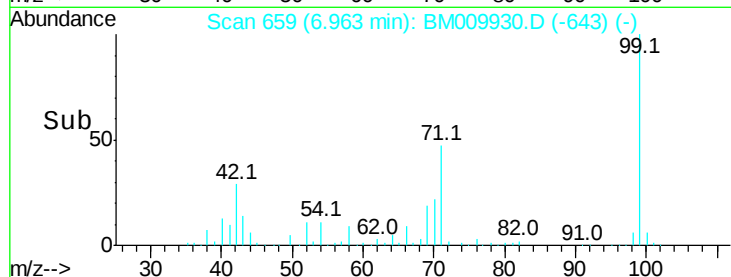
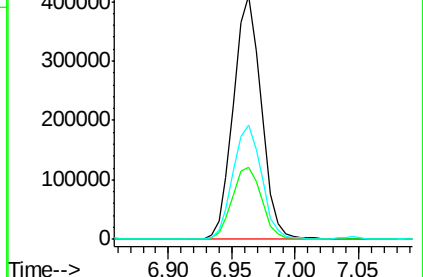
71 47.1 23.4 35.2#



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

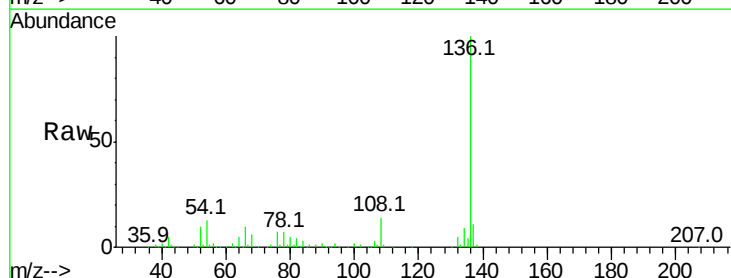
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 12.9 4.6 6.8#

68 6.4 3.7 5.5#

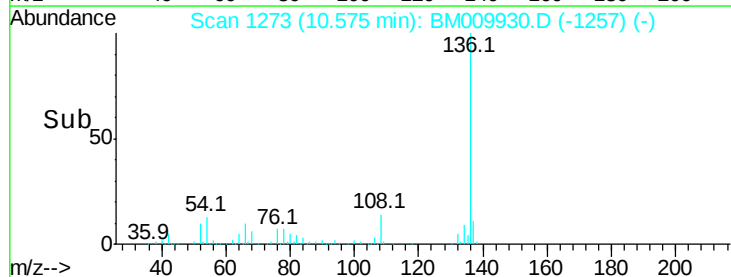
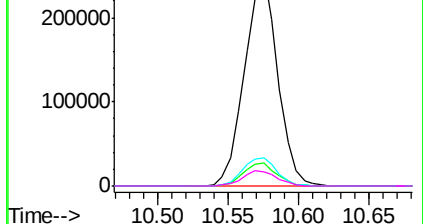


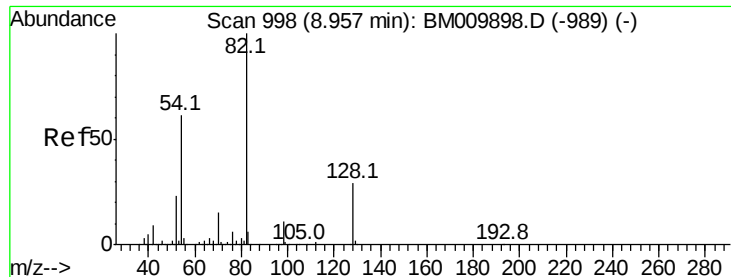
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

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) (-)

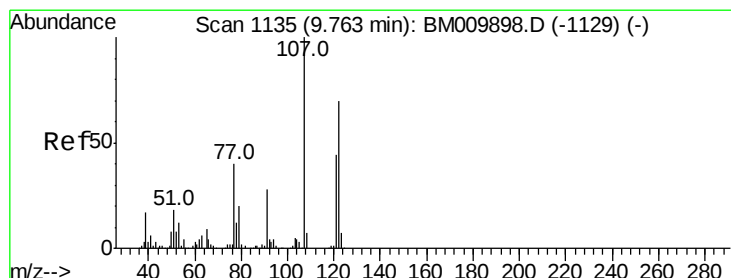
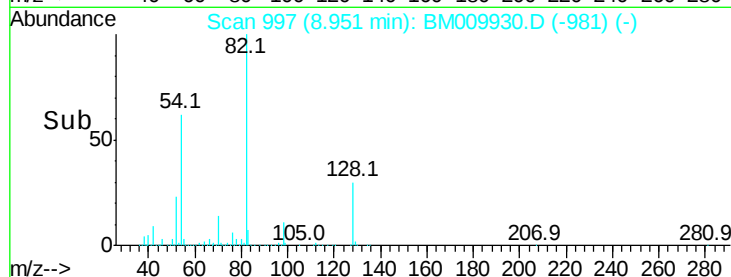
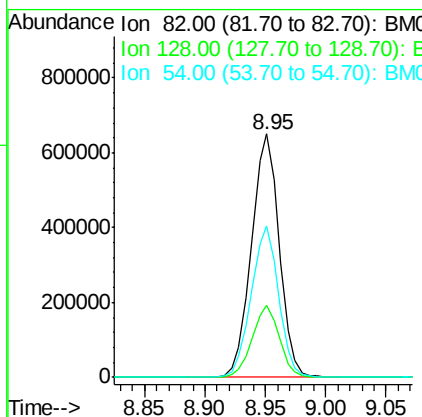
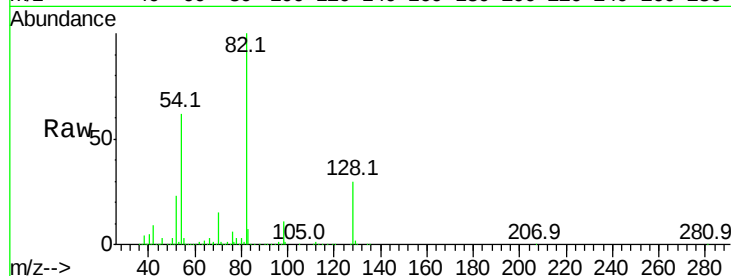




#23
 Nitrobenzene-d5
 Concen: 92.25 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009930.D
 Acq: 06 May 2017 07:55

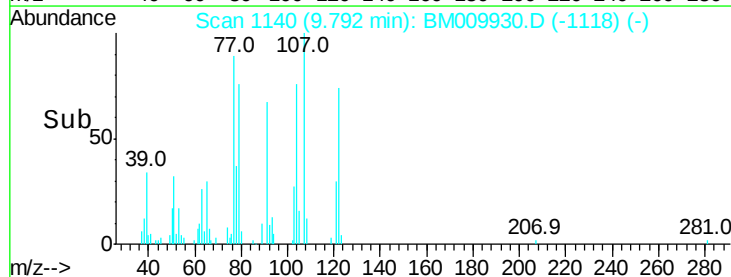
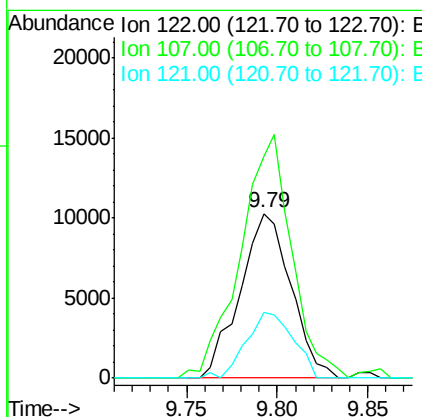
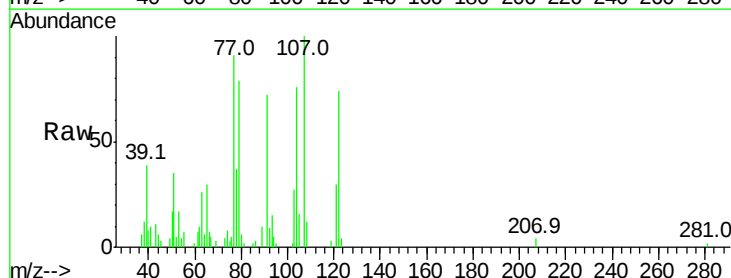
Instrument :
 BNA_M
 ClientSampleId :

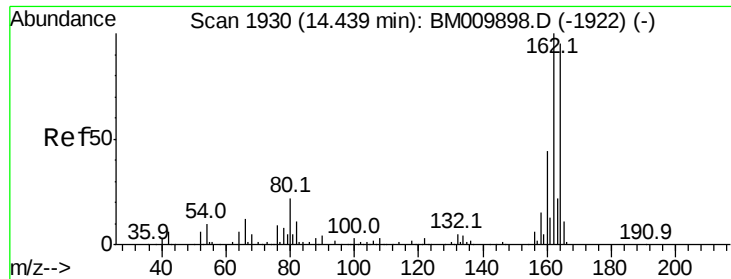
Tot Ion: 82 Resp: 1047530
 Ion Ratio Lower Upper
 82 100
 128 29.8 32.8 49.2#
 54 62.3 40.6 60.8#



#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#





#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 :

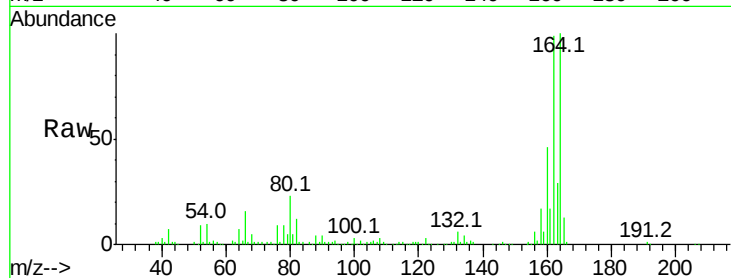
Tot Ion:164 Resp: 259358

Ion Ratio Lower Upper

164 100

162 99.3 82.4 123.6

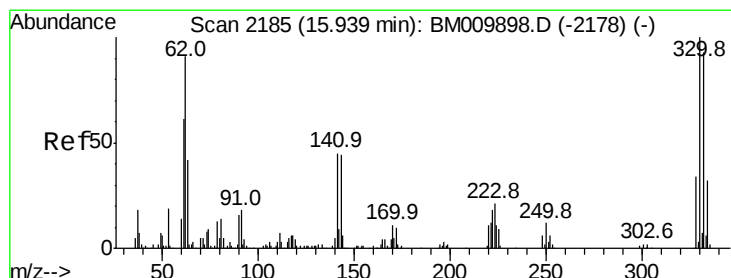
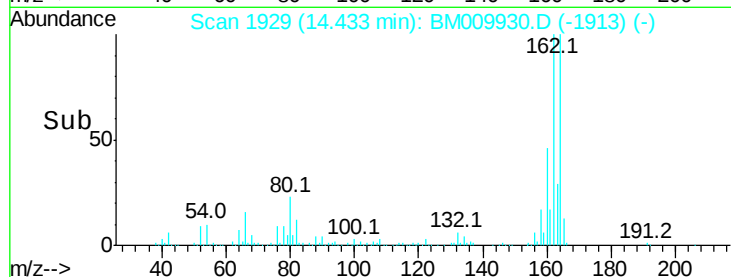
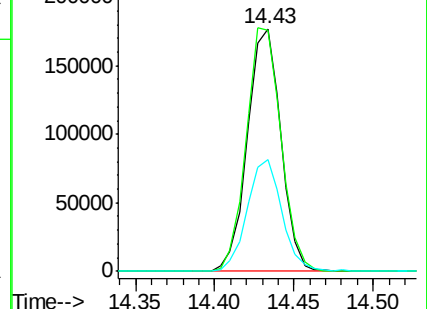
160 45.9 35.8 53.6



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

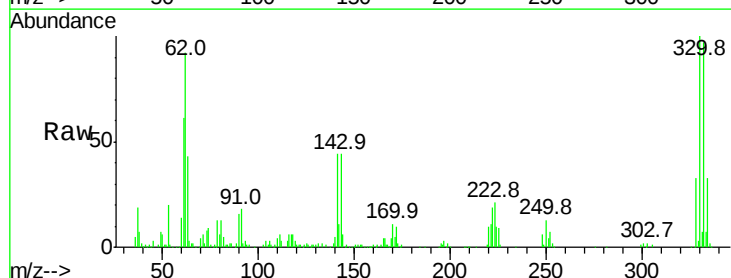
Tgt Ion:330 Resp: 347404

Ion Ratio Lower Upper

330 100

332 95.5 0.0 0.0#

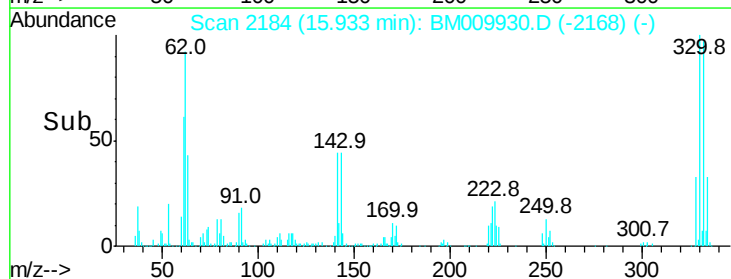
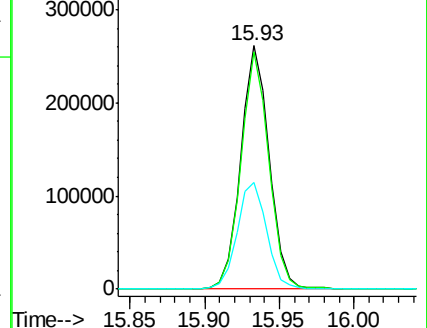
141 45.5 0.0 0.0#

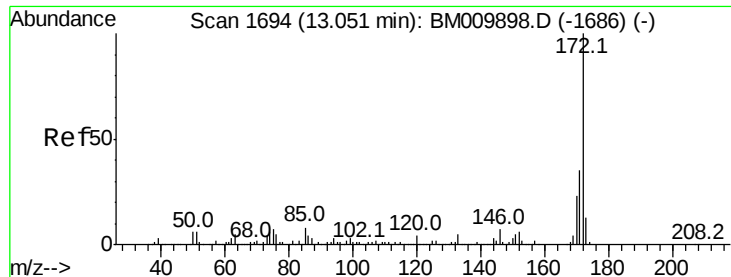


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

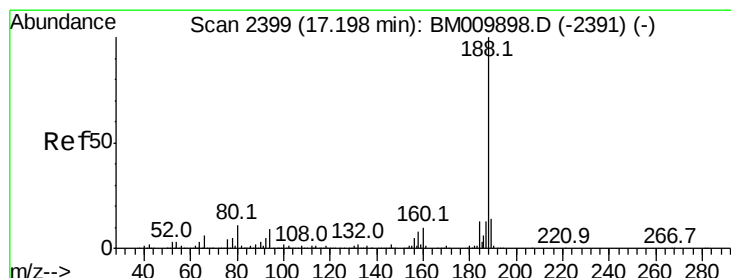
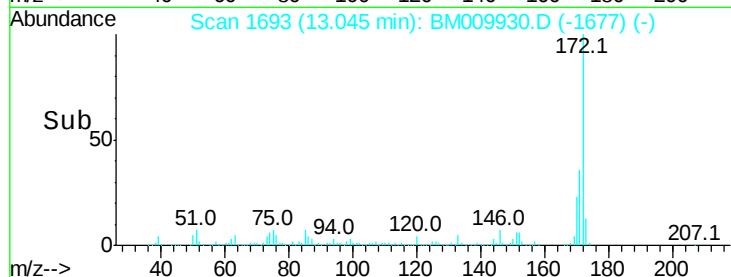
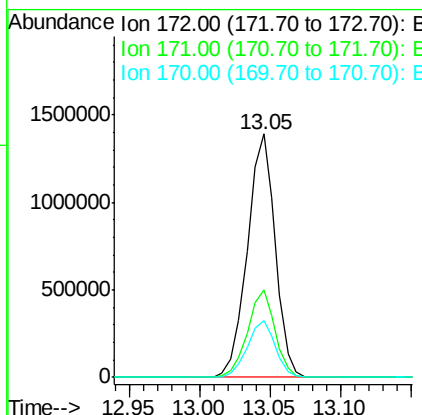
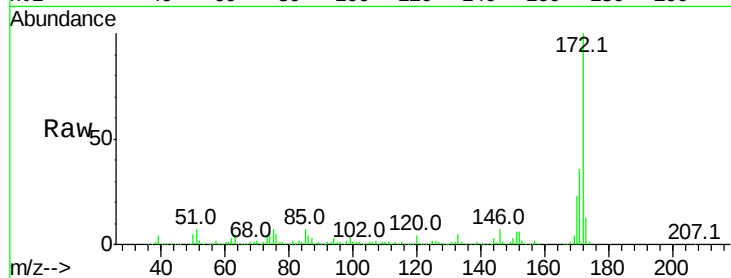




#44
 2-Fluorobiphenyl
 Concen: 96.55 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009930.D
 Acq: 06 May 2017 07:55

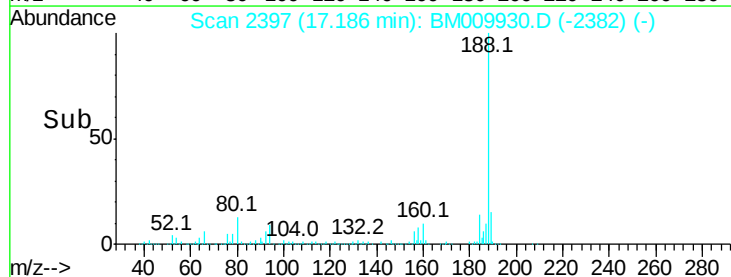
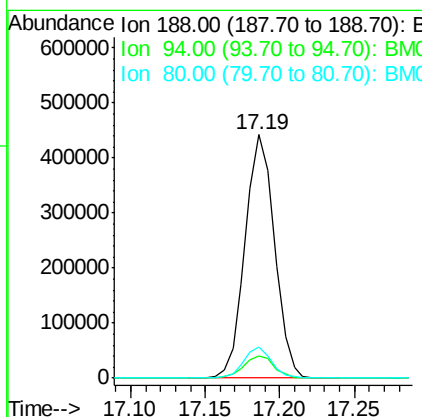
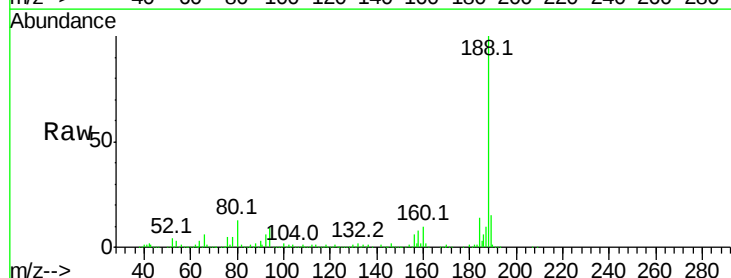
Instrument :
 BNA_M
 ClientSampleId :

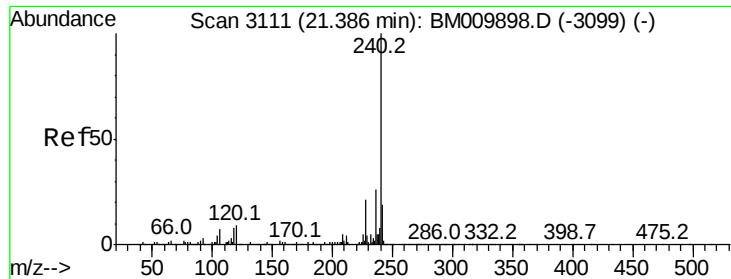
Tot Ion:172 Resp: 1921934
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 23.3 18.8 28.2



#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

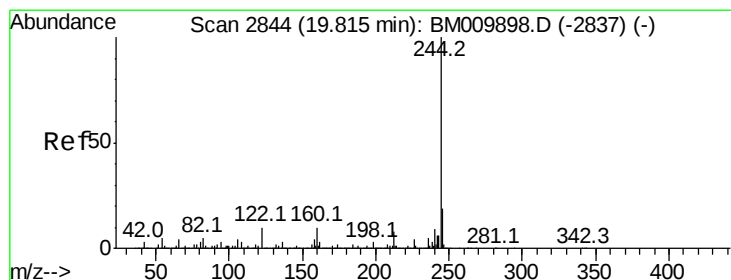
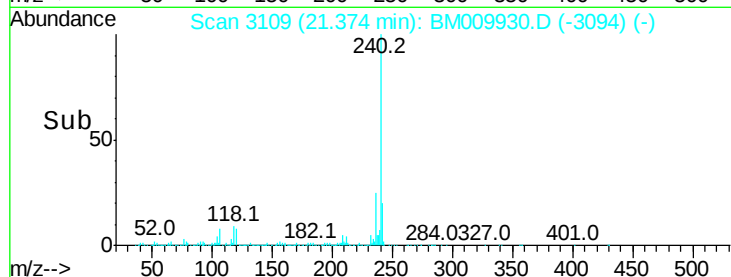
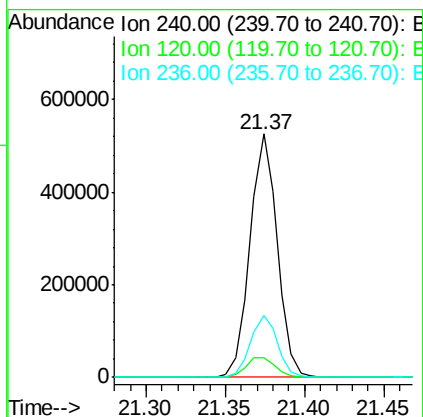
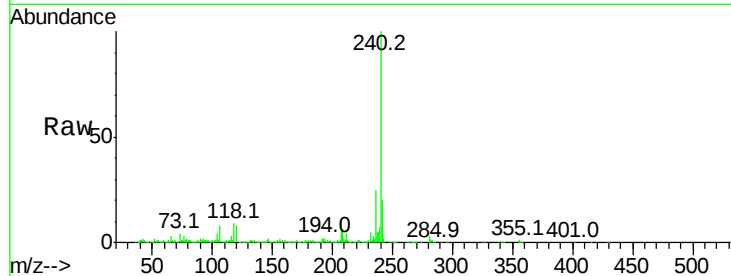




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.37 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM009930.D
 Acq: 06 May 2017 07:55

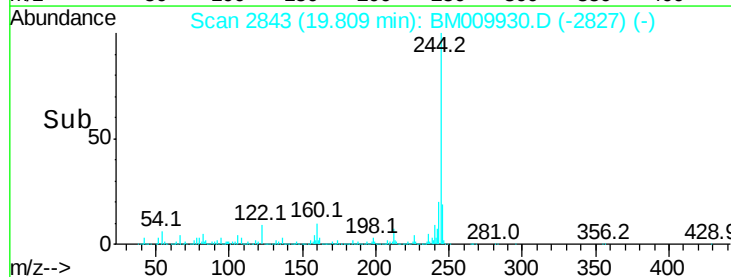
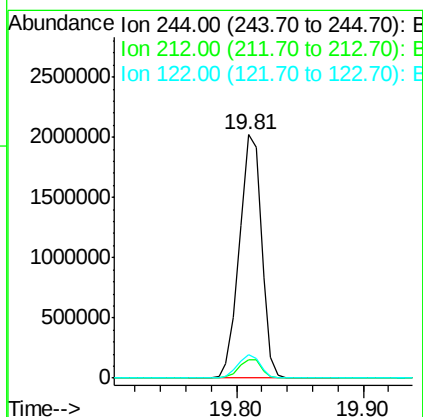
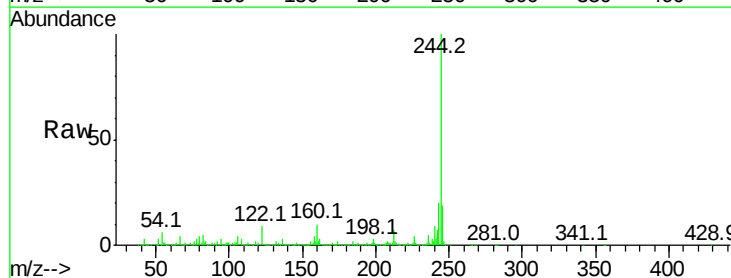
Instrument :
 BNA_M
 ClientSampleId :

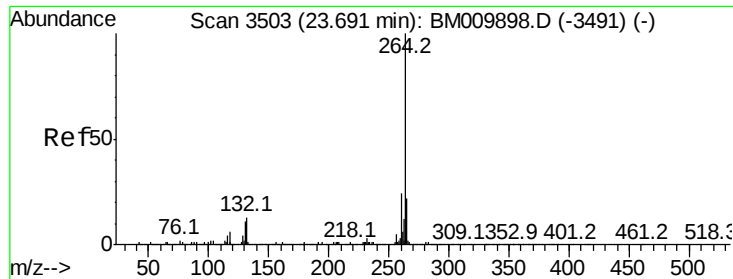
Tot Ion:240 Resp: 626065
 Ion Ratio Lower Upper
 240 100
 120 7.8 8.2 12.2#
 236 25.2 20.0 30.0



#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:244 Resp: 2434187
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.9 7.3#
 122 9.5 6.2 9.4#

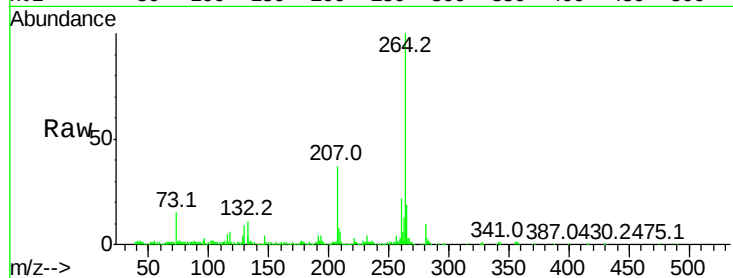




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.68 min Scan# 3501
 Delta R.T. -0.01 min
 Lab File: BM009930.D
 Acq: 06 May 2017 07:55

Instrument :
 BNA_M
 ClientSampleId :

Tot 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

