

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
 Data File : BM009952.D
 Acq On : 06 May 2017 22:03
 Operator : SJ/MA
 Sample : I2992-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R1-MW-3-GW

Quant Time: May 08 06:55:18 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	86330	20.00	ng	-0.01
21) Naphthalene-d8	10.57	136	346292	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	200809	20.00	ng	-0.01
63) Phenanthrene-d10	17.18	188	498084	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	541737	20.00	ng	-0.02
86) Perylene-d12	23.67	264	441234	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	411070	75.81	ng	0.00
7) Phenol-d6	6.96	99	367322	44.19	ng	-0.01
23) Nitrobenzene-d5	8.95	82	992922	103.76	ng	-0.01
41) 2,4,6-Tribromophenol	15.93	330	465827	169.85	ng	-0.01
44) 2-Fluorobiphenyl	13.04	172	1696411	110.07	ng	-0.01
78) Terphenyl-d14	19.81	244	2301080	87.14	ng	0.00

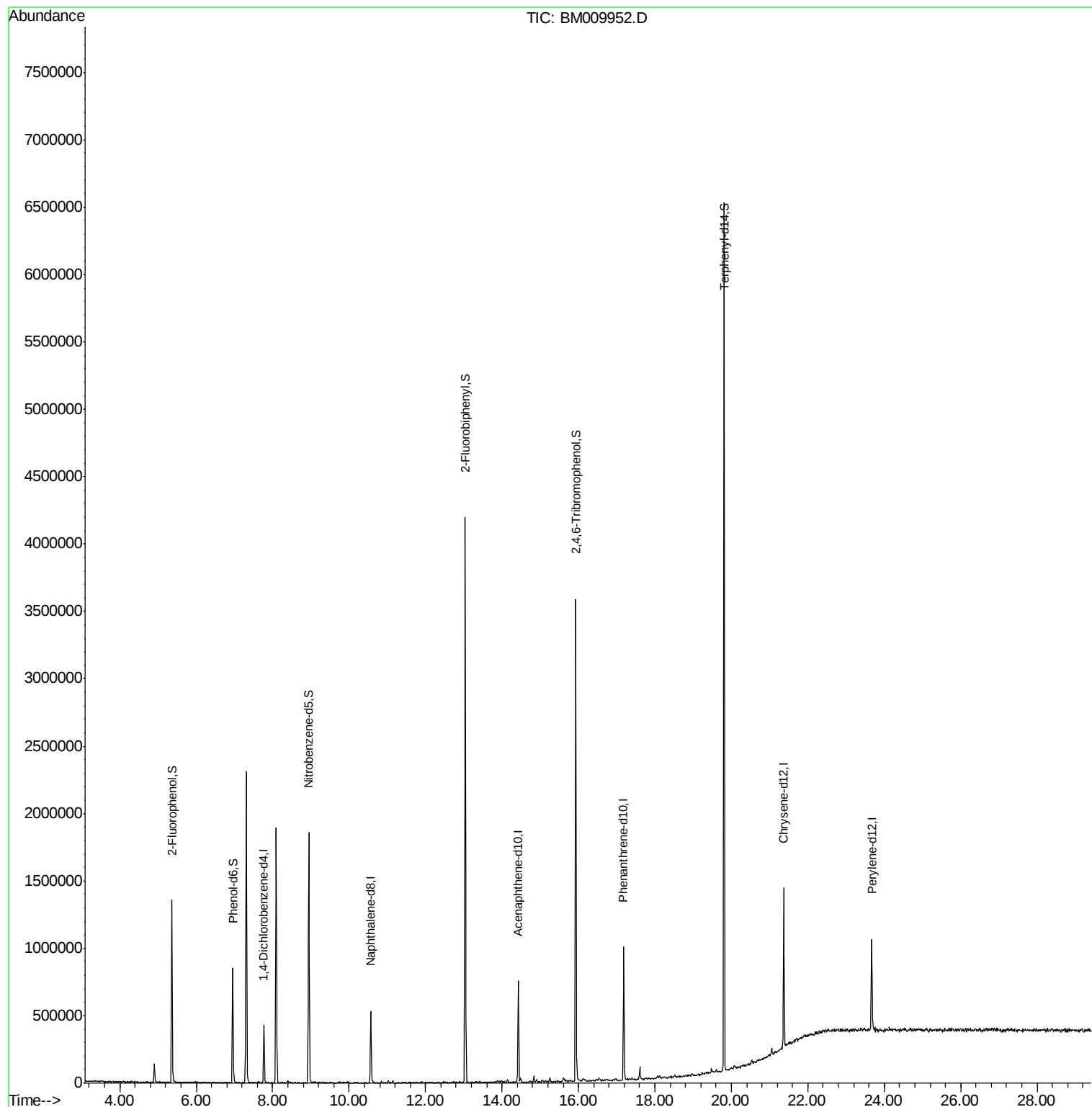
Target Compounds	Qvalue
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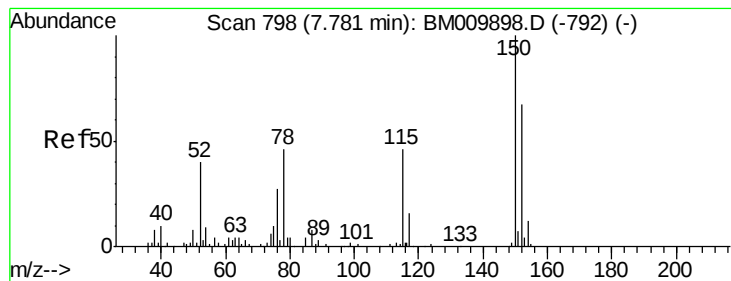
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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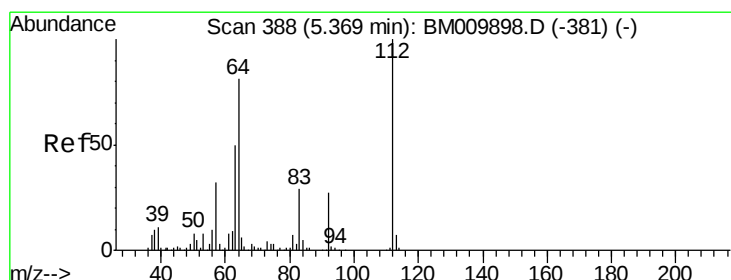
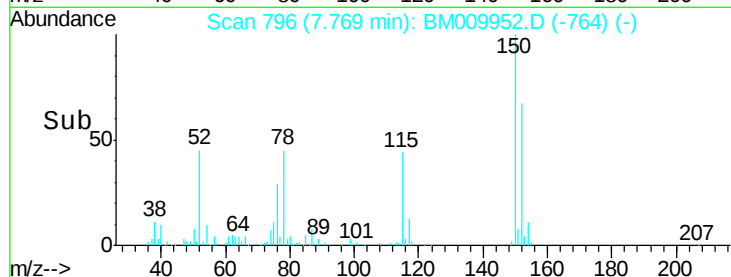
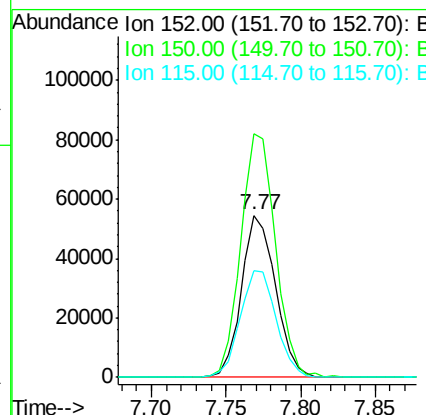
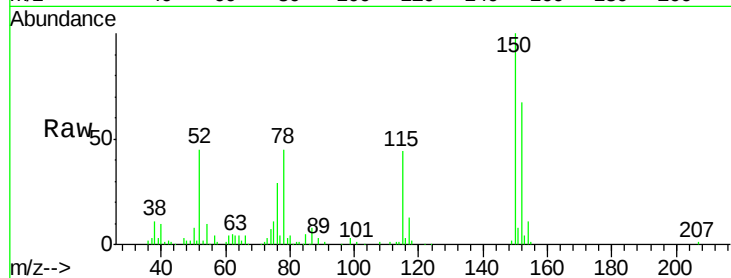




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BM009952.D
 Acq: 06 May 2017 22:03

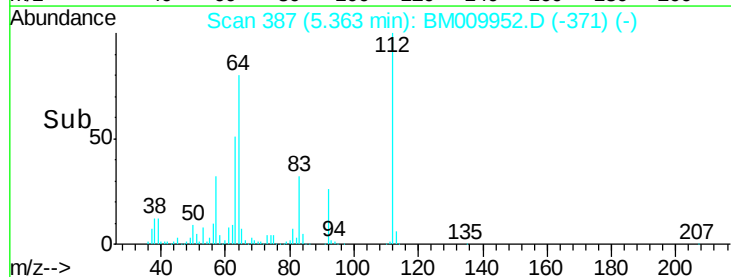
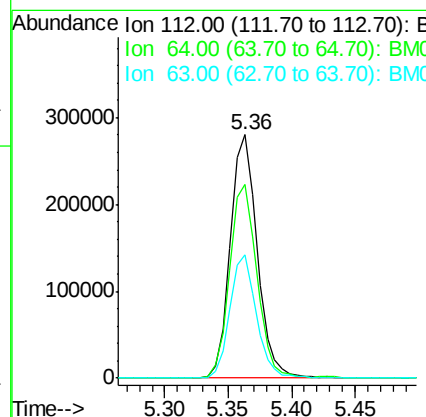
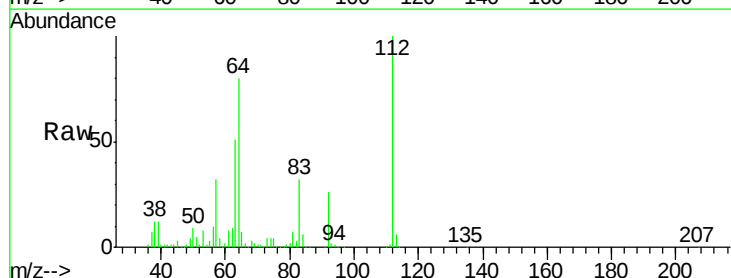
Instrument :
 BNA_M
 ClientSampleId :
 R1-MW-3-GW

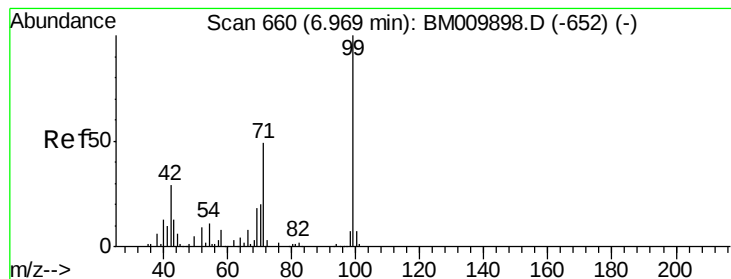
Tgt Ion:152 Resp: 86330
 Ion Ratio Lower Upper
 152 100
 150 150.0 119.5 179.3
 115 65.7 43.0 64.4#



#5
 2-Fluorophenol
 Concen: 75.81 ng
 RT: 5.36 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: BM009952.D
 Acq: 06 May 2017 22:03

Tgt Ion:112 Resp: 411070
 Ion Ratio Lower Upper
 112 100
 64 79.7 38.6 57.8#
 63 50.5 19.3 28.9#





#7

Phenol-d6

Concen: 44.19 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM009952.D

Acq: 06 May 2017 22:03

Instrument :

BNA_M

ClientSampleId :

R1-MW-3-GW

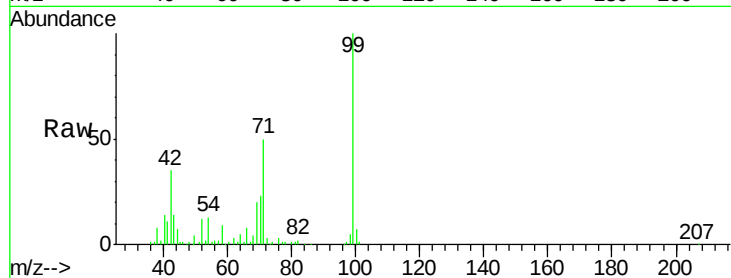
Tgt Ion: 99 Resp: 367322

Ion Ratio Lower Upper

99 100

42 35.3 11.0 16.4#

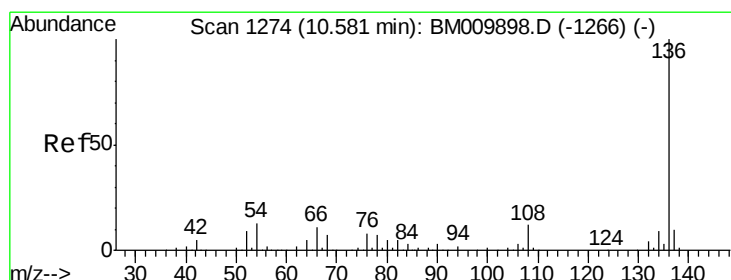
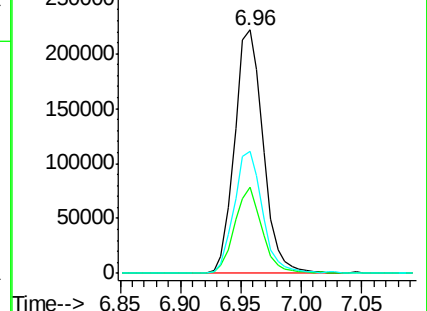
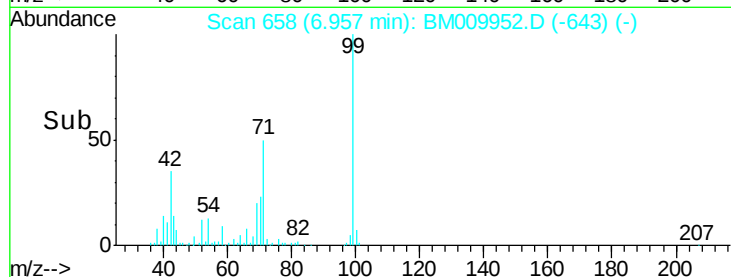
71 50.3 23.4 35.2#



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# 1272

Delta R.T. -0.01 min

Lab File: BM009952.D

Acq: 06 May 2017 22:03

Tgt Ion: 136 Resp: 346292

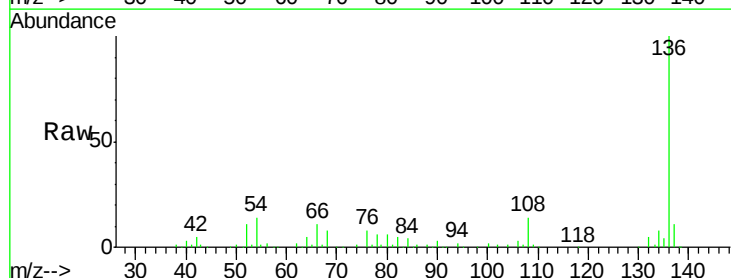
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 13.8 4.6 6.8#

68 7.6 3.7 5.5#

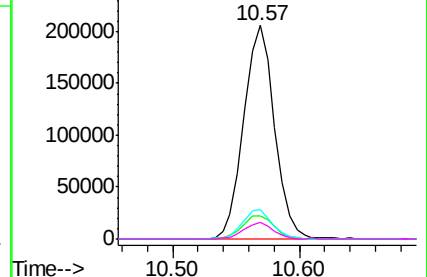
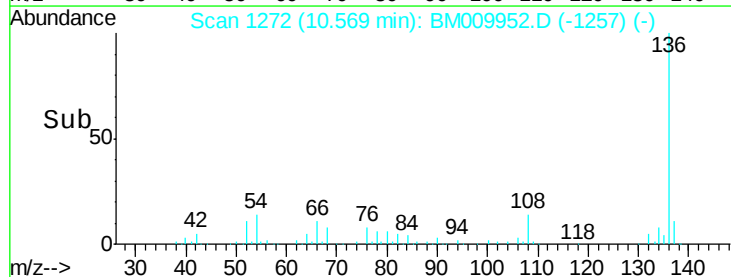


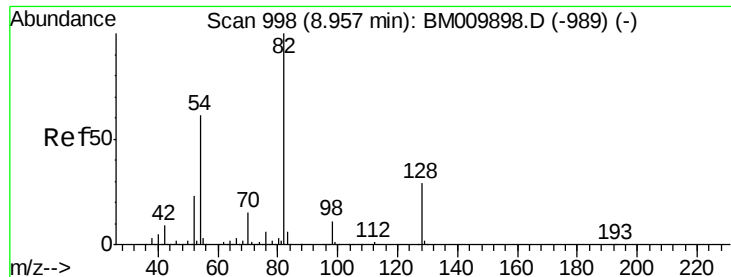
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

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) (-)

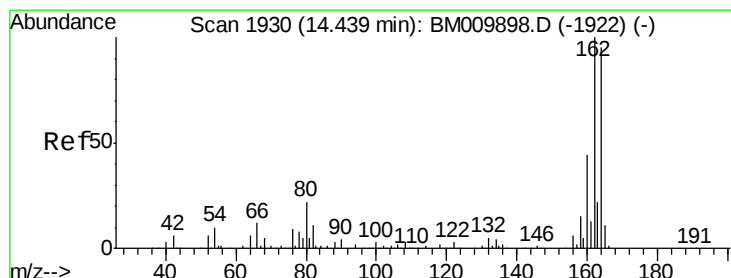
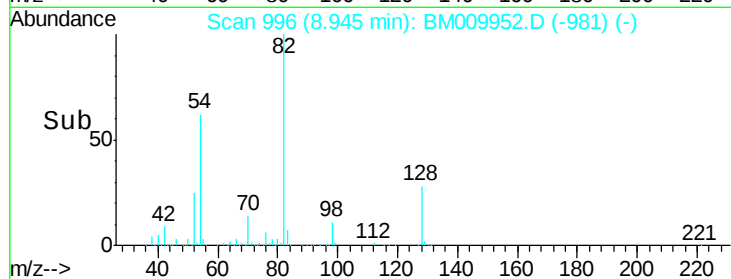
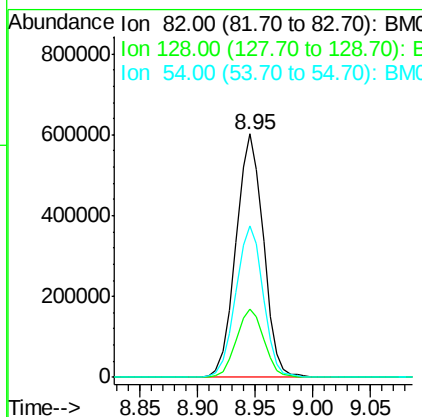
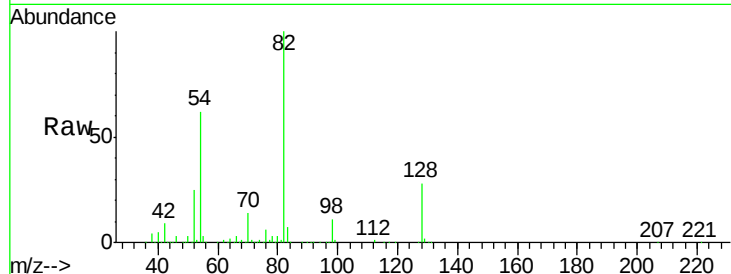




#23
 Nitrobenzene-d5
 Concen: 103.76 ng
 RT: 8.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BM009952.D
 Acq: 06 May 2017 22:03

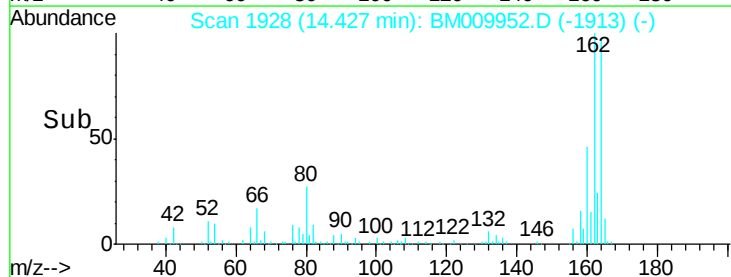
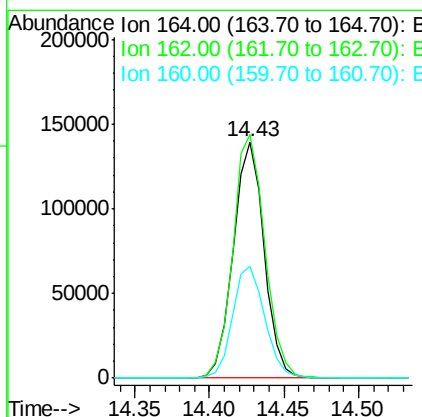
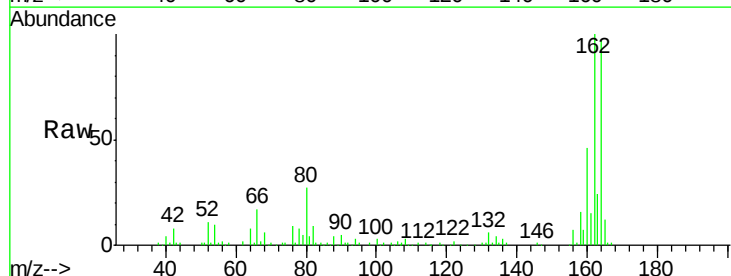
Instrument :
 BNA_M
 ClientSampleId :
 R1-MW-3-GW

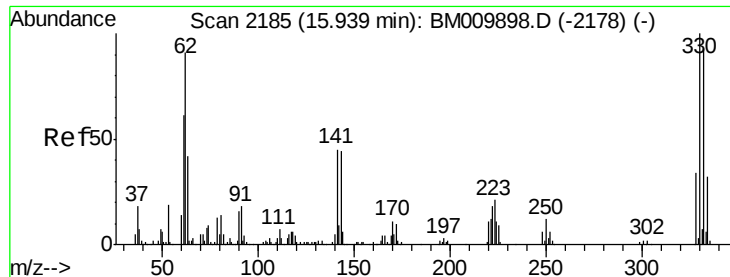
Tgt Ion	Ratio	Lower	Upper
82	100		
128	28.0	32.8	49.2#
54	62.0	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM009952.D
 Acq: 06 May 2017 22:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.4	123.6
160	47.2	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 169.85 ng

RT: 15.93 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM009952.D

Acq: 06 May 2017 22:03

Instrument :

BNA_M

ClientSampleId :

R1-MW-3-GW

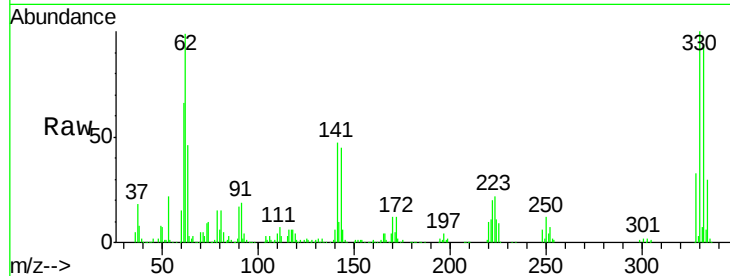
Tgt Ion:330 Resp: 465827

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

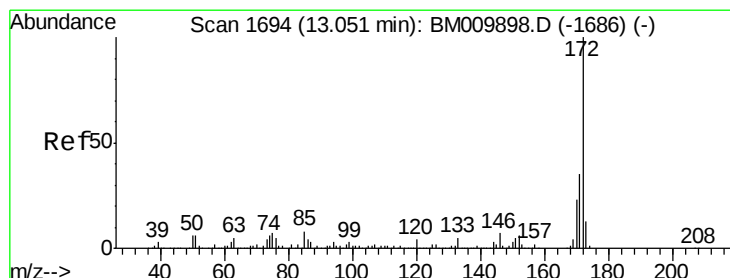
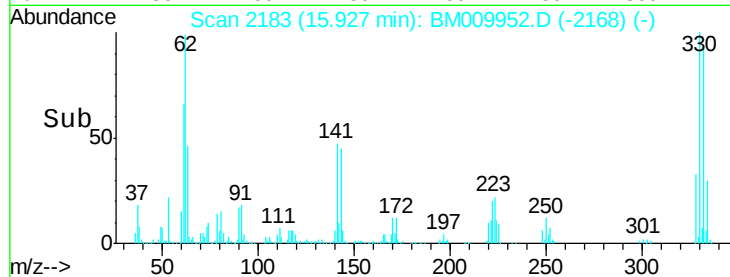
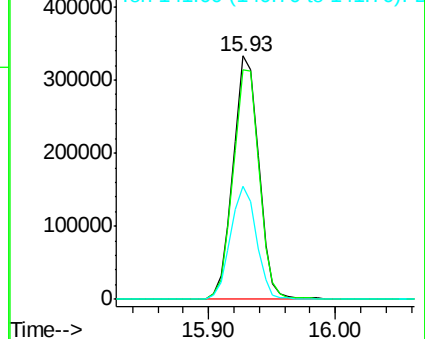
141 47.1 0.0 0.0#



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: 110.07 ng

RT: 13.04 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BM009952.D

Acq: 06 May 2017 22:03

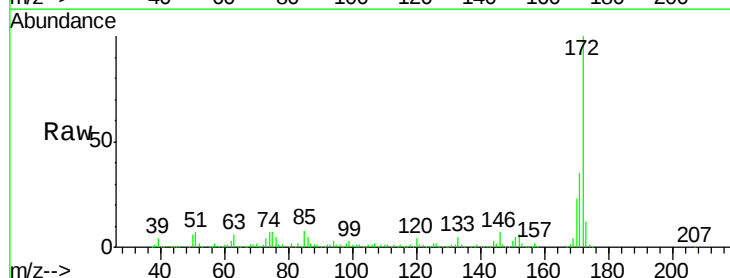
Tgt Ion:172 Resp: 1696411

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

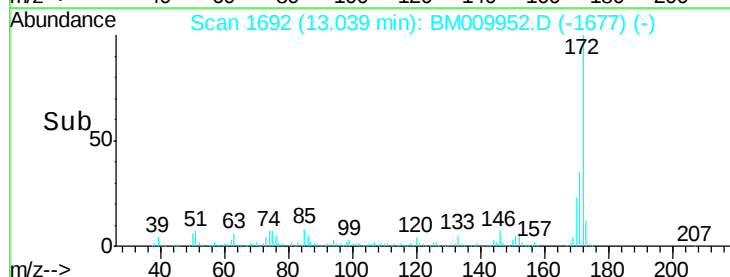
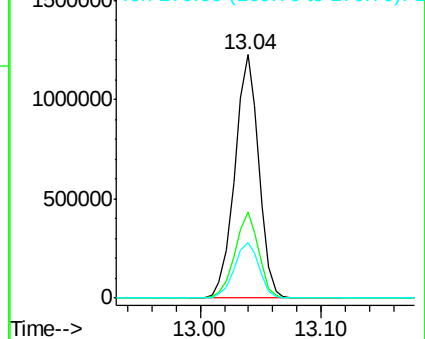
170 22.9 18.8 28.2

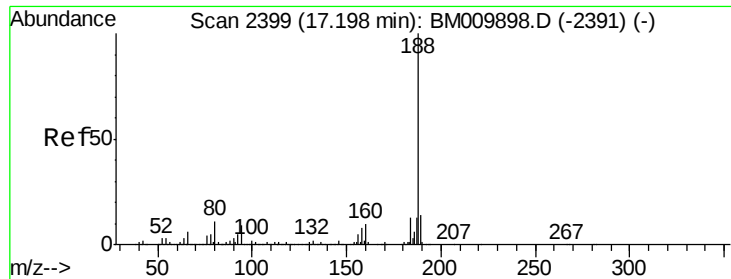


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

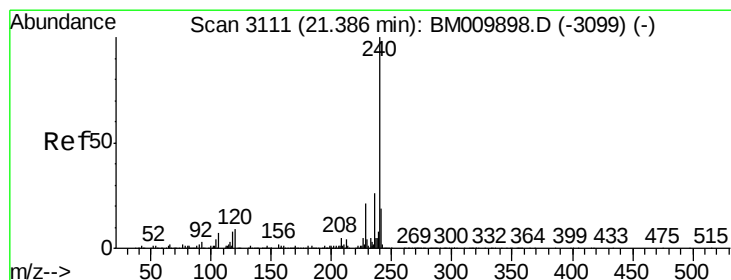
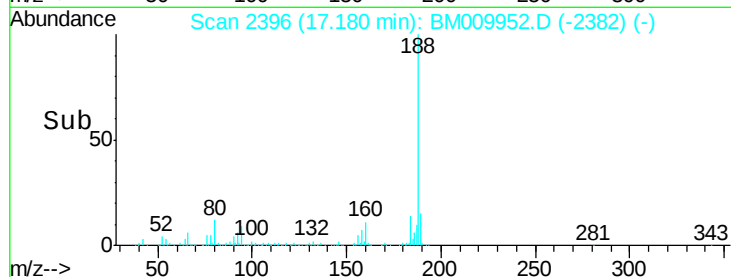
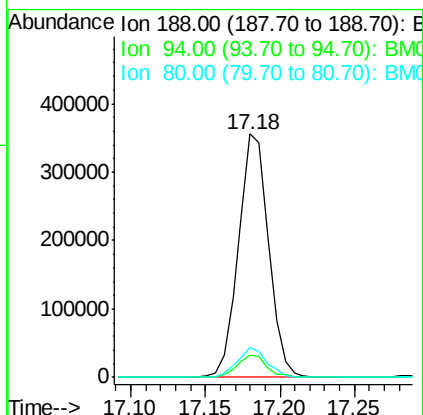
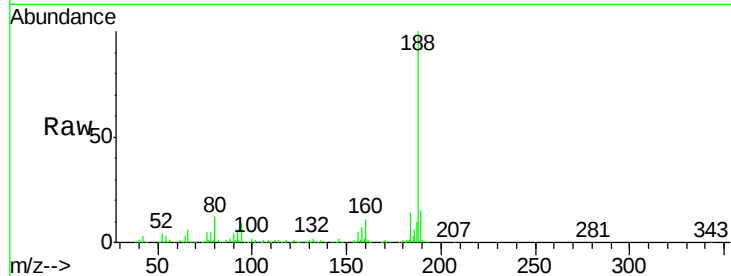




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM009952.D
Acq: 06 May 2017 22:03

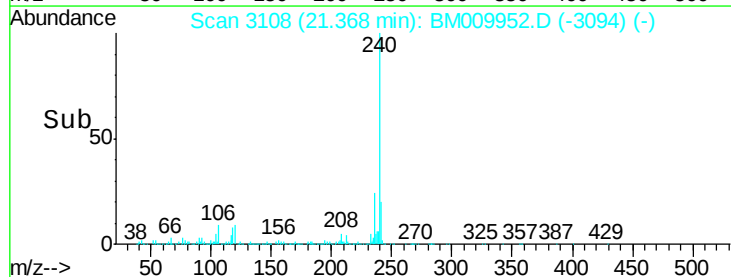
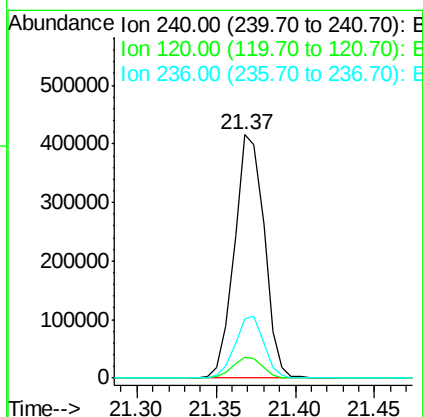
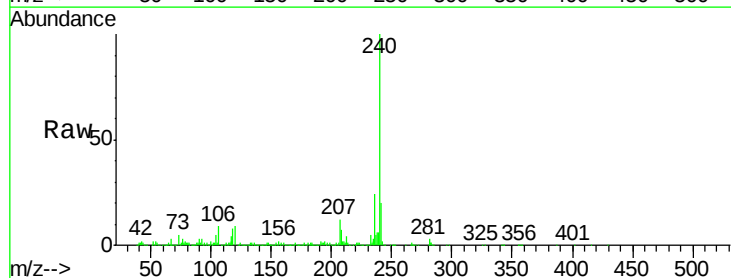
Instrument :
BNA_M
ClientSampleId :
R1-MW-3-GW

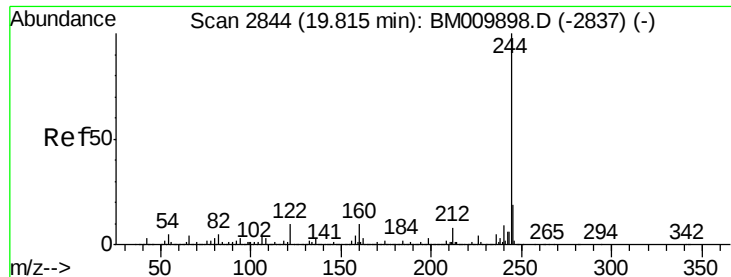
Tgt Ion:188 Resp: 498084
Ion Ratio Lower Upper
188 100
94 9.1 8.7 13.1
80 12.5 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM009952.D
Acq: 06 May 2017 22:03

Tgt Ion:240 Resp: 541737
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.2
236 24.5 20.0 30.0





#78

Terphenyl-d14

Concen: 87.14 ng

RT: 19.81 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM009952.D

Acq: 06 May 2017 22:03

Instrument :

BNA_M

ClientSampleId :

R1-MW-3-GW

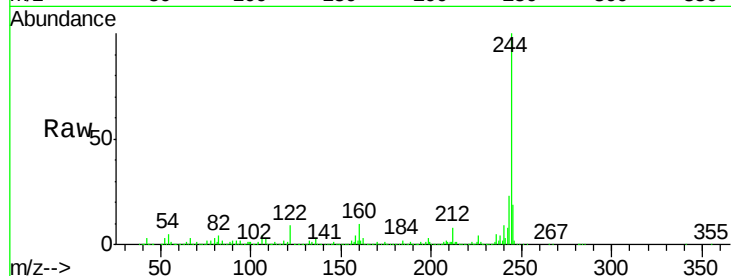
Tgt Ion:244 Resp: 2301080

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

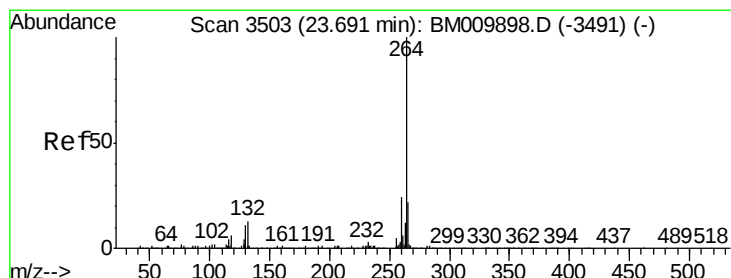
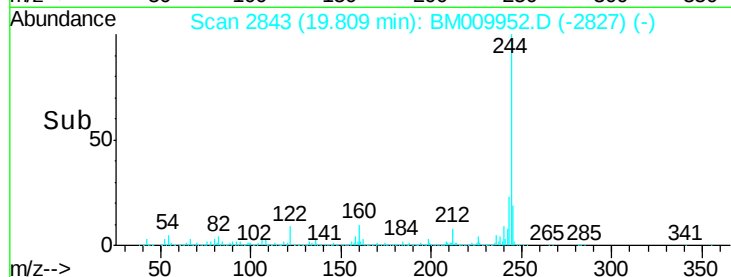
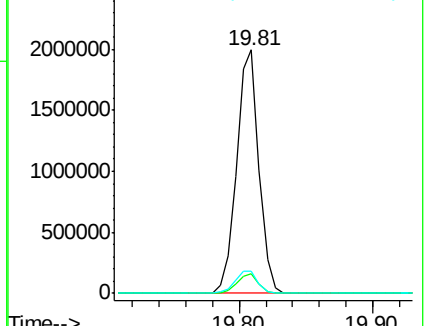
122 8.9 6.2 9.4



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: 23.67 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BM009952.D

Acq: 06 May 2017 22:03

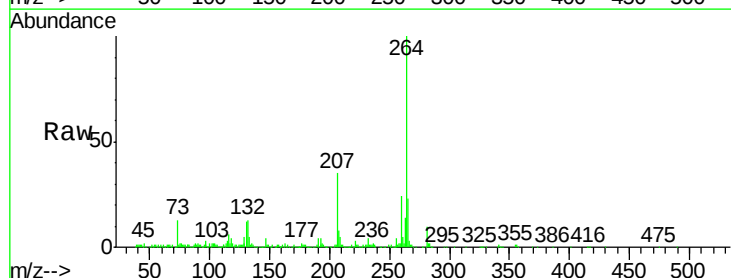
Tgt Ion:264 Resp: 441234

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.9 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

