

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
 Data File : BM009956.D
 Acq On : 07 May 2017 00:27
 Operator : SJ/MA
 Sample : I2992-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R1-MW-1-GW

Quant Time: May 08 05:44:59 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	73966	20.00	ng	-0.01
21) Naphthalene-d8	10.57	136	307520	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	198990	20.00	ng	-0.01
63) Phenanthrene-d10	17.18	188	508312	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	708143	20.00	ng	-0.02
86) Perylene-d12	23.67	264	609005	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	360839	77.67	ng	-0.01
7) Phenol-d6	6.96	99	343910	48.29	ng	-0.01
23) Nitrobenzene-d5	8.95	82	836503	98.44	ng	-0.01
41) 2,4,6-Tribromophenol	15.93	330	444385	163.51	ng	-0.01
44) 2-Fluorobiphenyl	13.04	172	1456832	95.39	ng	-0.01
78) Terphenyl-d14	19.81	244	2871463	83.18	ng	0.00

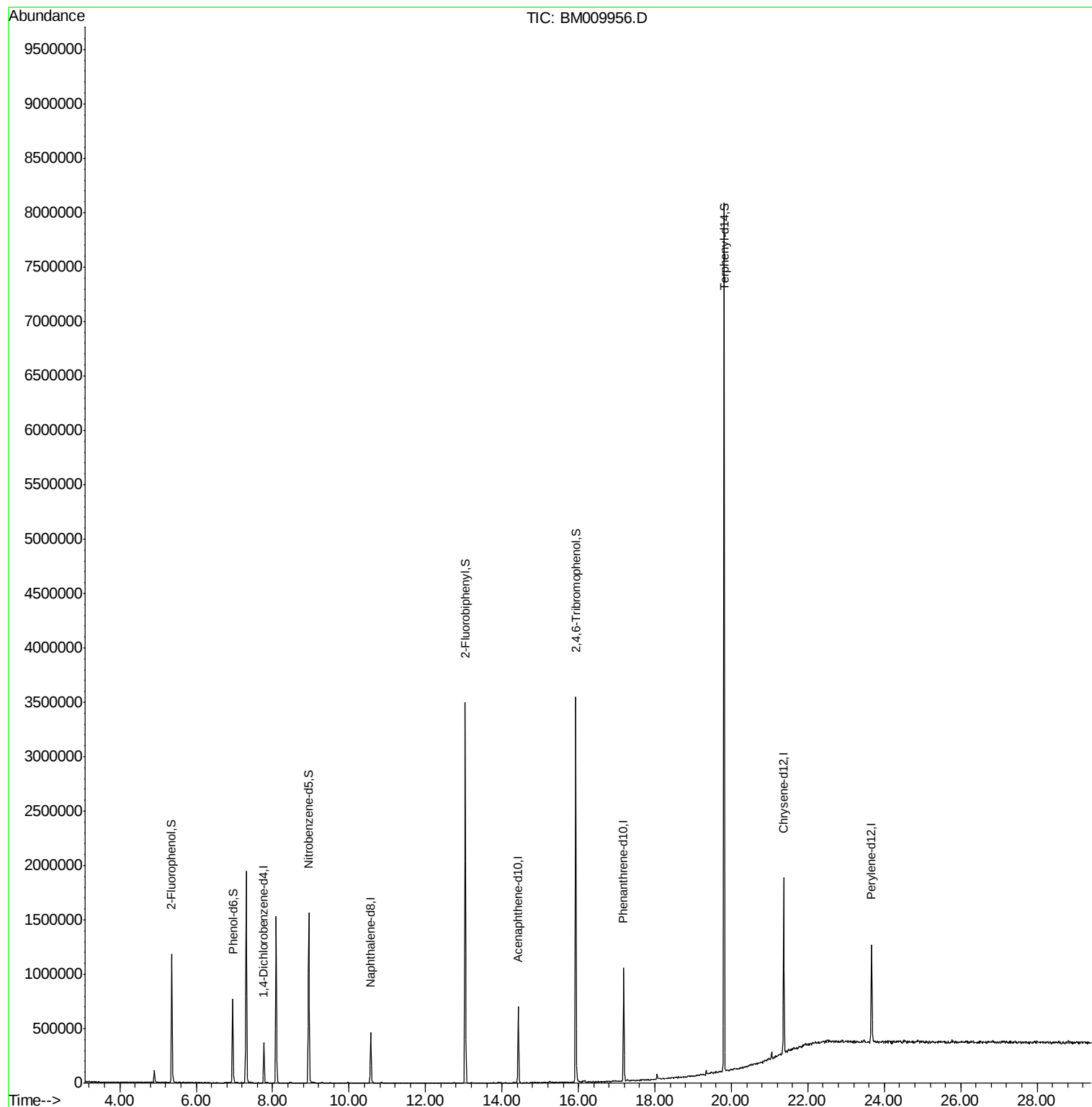
Target Compounds	Qvalue
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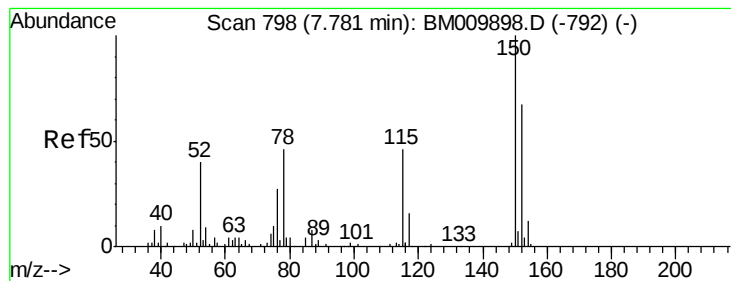
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM009956.D

Acq: 07 May 2017 00:27

Instrument :

BNA_M

ClientSampleId :

R1-MW-1-GW

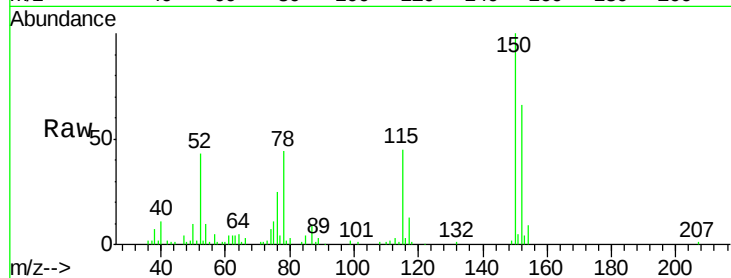
Tgt Ion:152 Resp: 73966

Ion Ratio Lower Upper

152 100

150 152.3 119.5 179.3

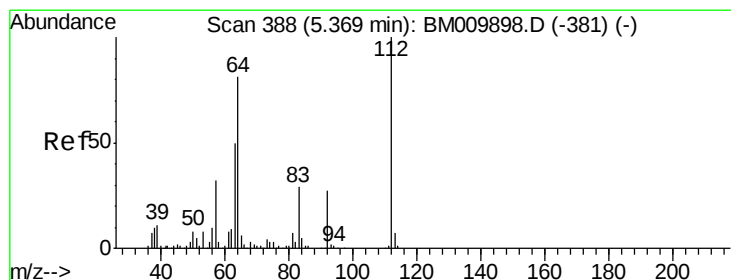
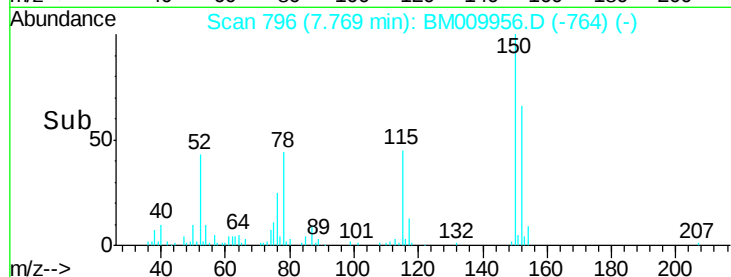
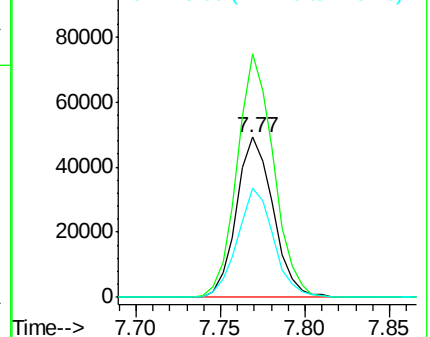
115 68.4 43.0 64.4#



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: 77.67 ng

RT: 5.36 min Scan# 386

Delta R.T. -0.01 min

Lab File: BM009956.D

Acq: 07 May 2017 00:27

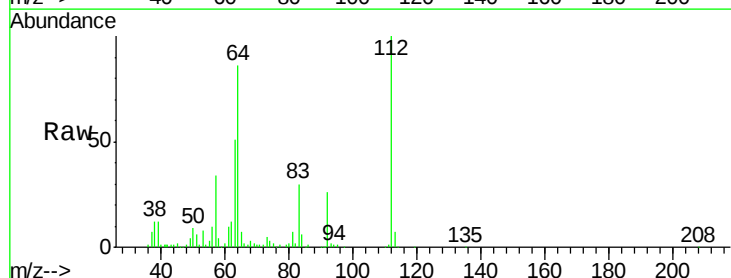
Tgt Ion:112 Resp: 360839

Ion Ratio Lower Upper

112 100

64 85.5 38.6 57.8#

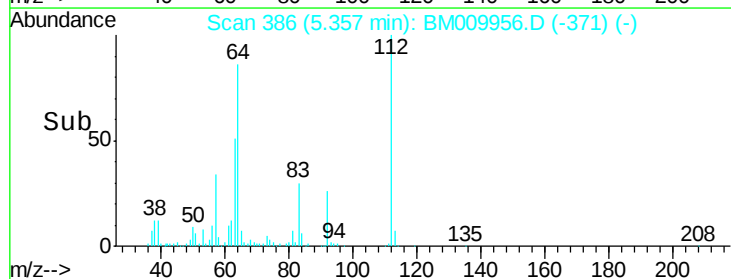
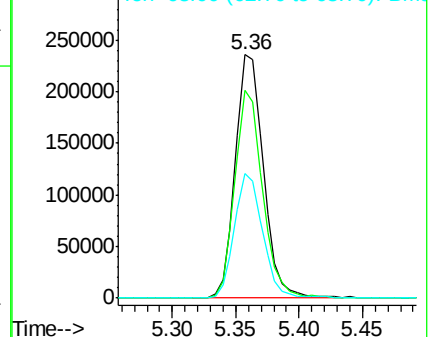
63 51.1 19.3 28.9#

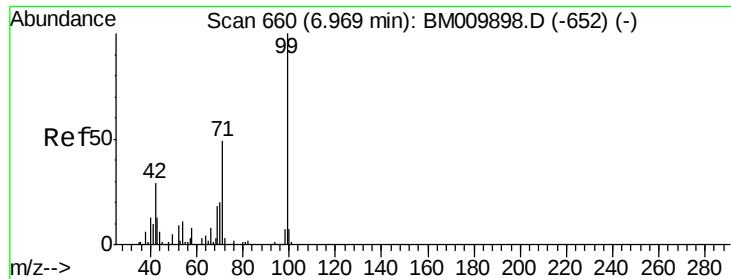


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 48.29 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM009956.D

Acq: 07 May 2017 00:27

Instrument :

BNA_M

ClientSampled :

R1-MW-1-GW

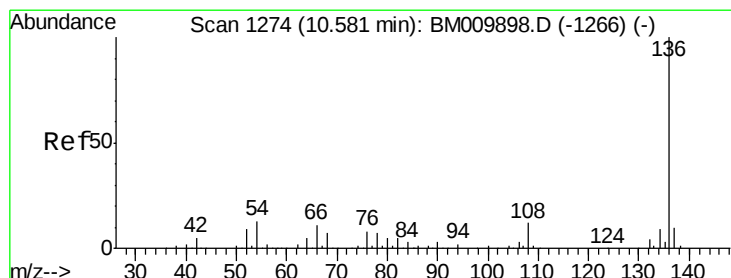
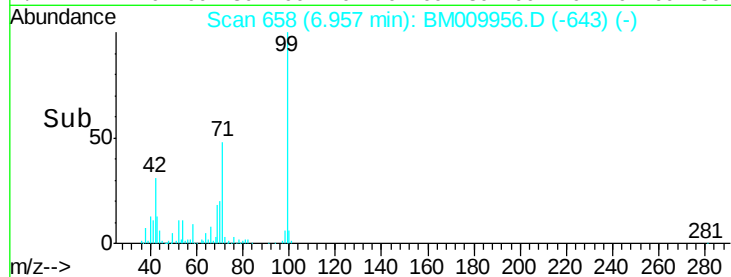
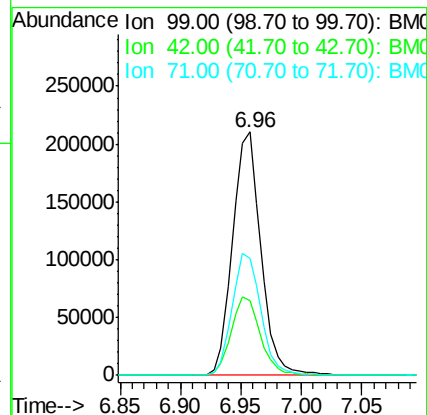
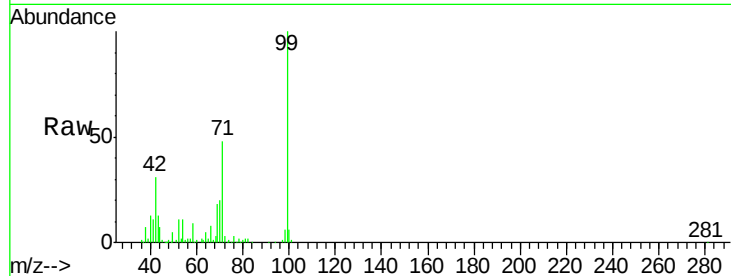
Tgt Ion: 99 Resp: 343910

Ion Ratio Lower Upper

99 100

42 30.8 11.0 16.4#

71 47.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM009956.D

Acq: 07 May 2017 00:27

Tgt Ion: 136 Resp: 307520

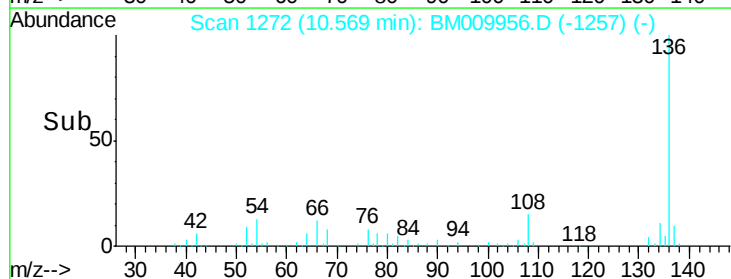
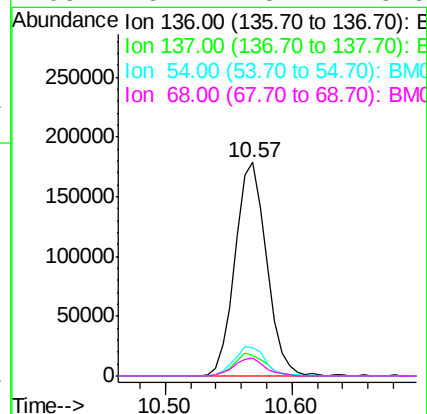
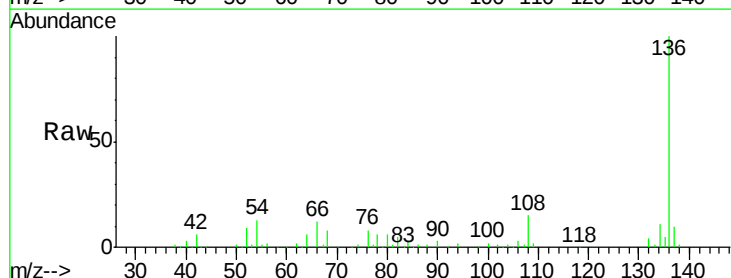
Ion Ratio Lower Upper

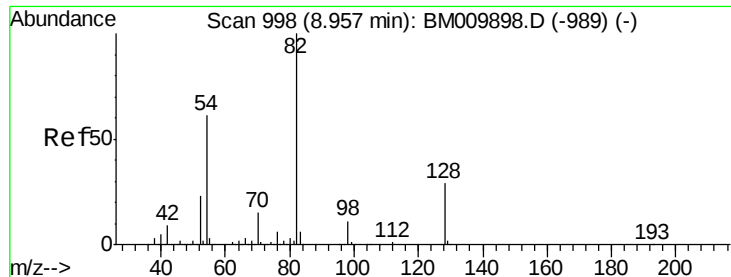
136 100

137 9.9 8.7 13.1

54 13.4 4.6 6.8#

68 8.4 3.7 5.5#

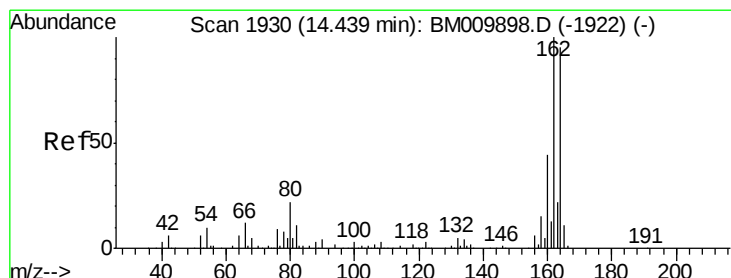
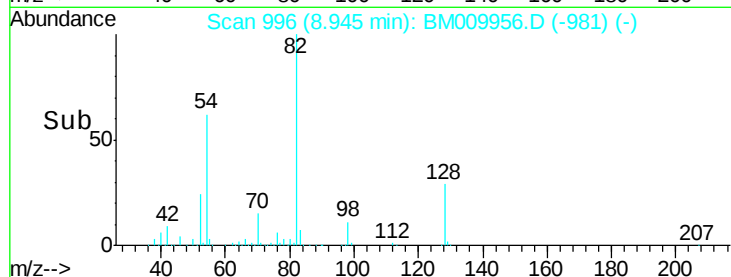
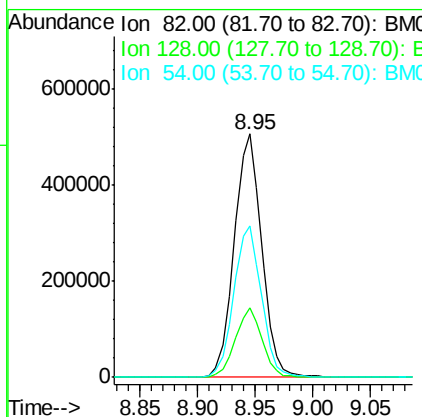
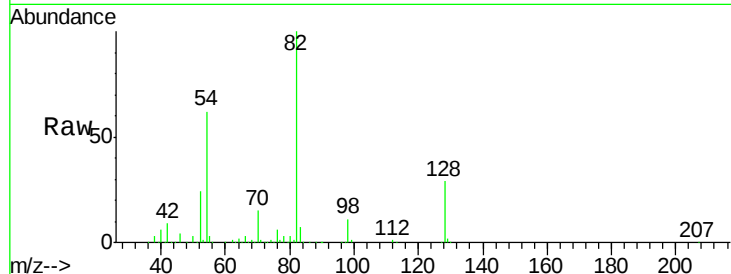




#23
 Nitrobenzene-d5
 Concen: 98.44 ng
 RT: 8.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BM009956.D
 Acq: 07 May 2017 00:27

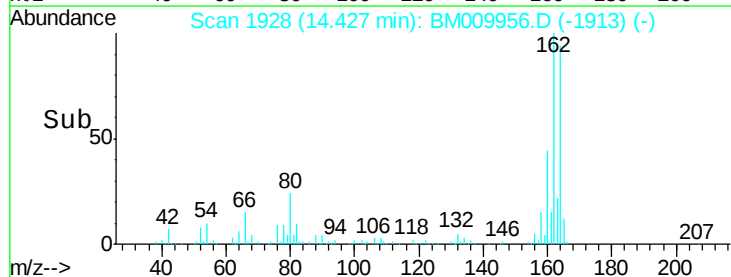
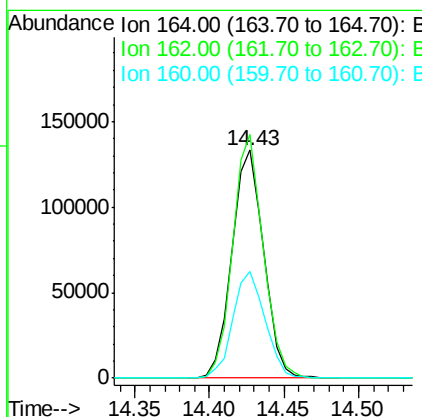
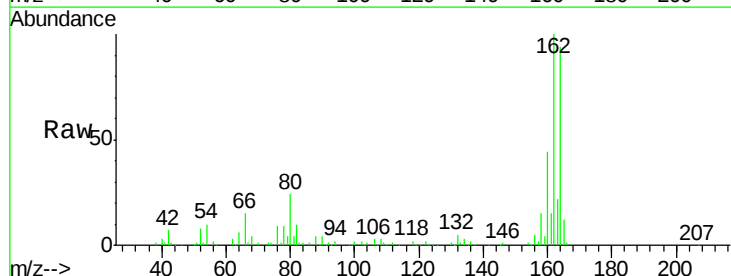
Instrument :
 BNA_M
 ClientSampleId :
 R1-MW-1-GW

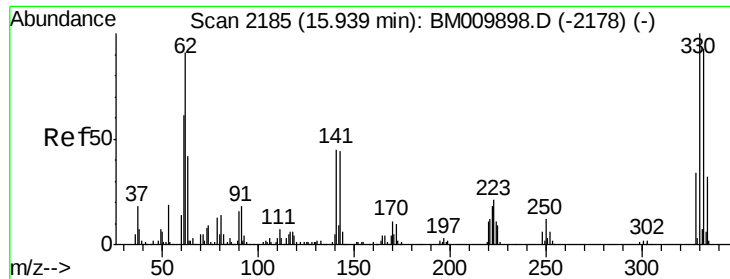
Tgt Ion	Ratio	Lower	Upper
82	100		
128	28.6	32.8	49.2#
54	62.3	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM009956.D
 Acq: 07 May 2017 00:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	82.4	123.6
160	46.9	35.8	53.6

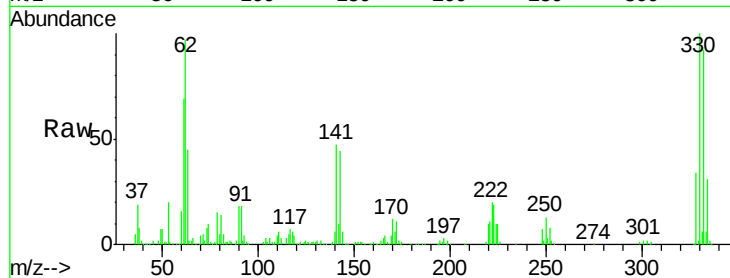




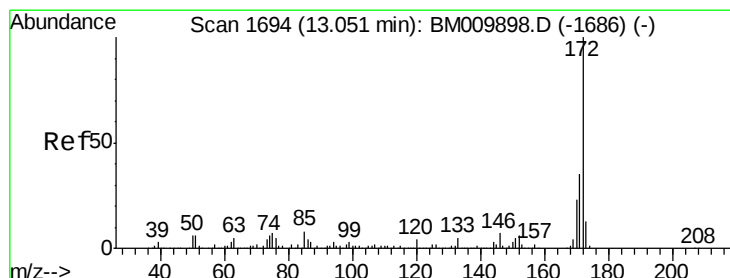
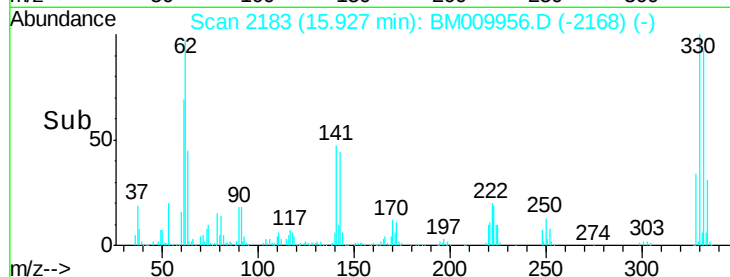
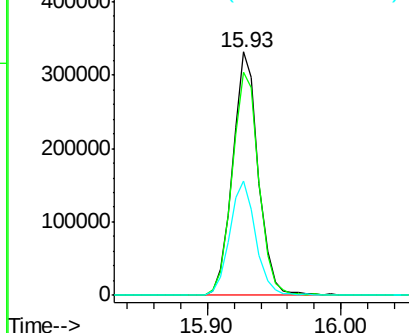
#41
 2,4,6-Tribromophenol
 Concen: 163.51 ng
 RT: 15.93 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BM009956.D
 Acq: 07 May 2017 00:27

Instrument :
 BNA_M
 ClientSampleId :
 R1-MW-1-GW

Tgt Ion:330 Resp: 444385
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 47.6 0.0 0.0#

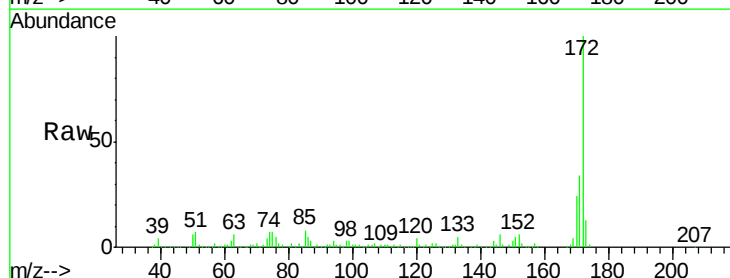


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

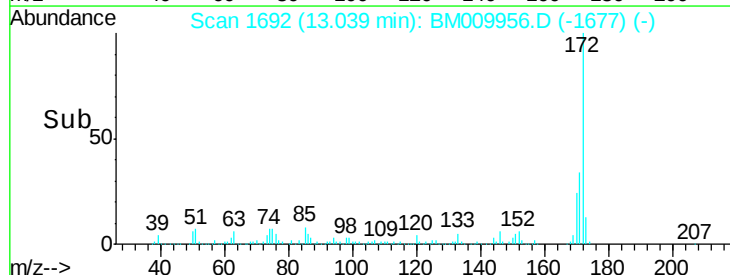
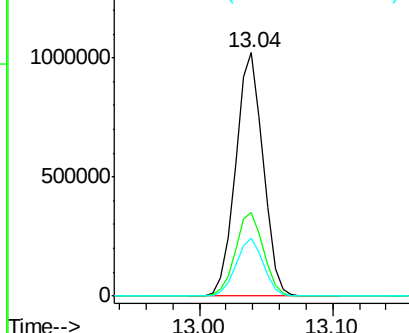


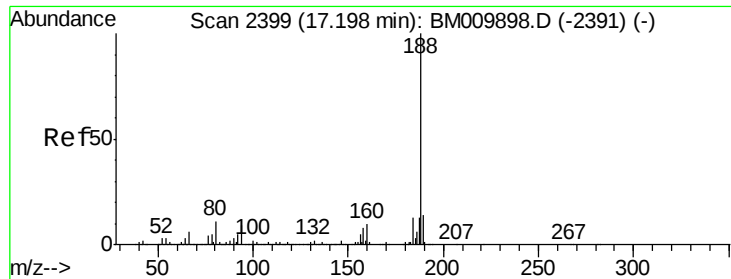
#44
 2-Fluorobiphenyl
 Concen: 95.39 ng
 RT: 13.04 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM009956.D
 Acq: 07 May 2017 00:27

Tgt Ion:172 Resp: 1456832
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.5 42.7
 170 23.6 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: BM009956.D

Acq: 07 May 2017 00:27

Instrument :

BNA_M

ClientSampleId :

R1-MW-1-GW

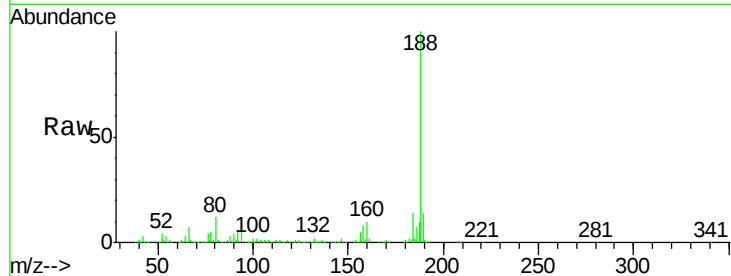
Tgt Ion:188 Resp: 508312

Ion Ratio Lower Upper

188 100

94 9.3 8.7 13.1

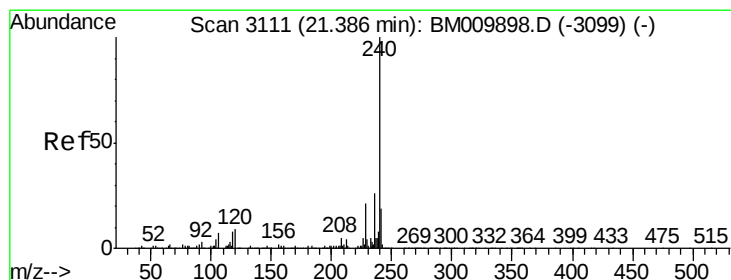
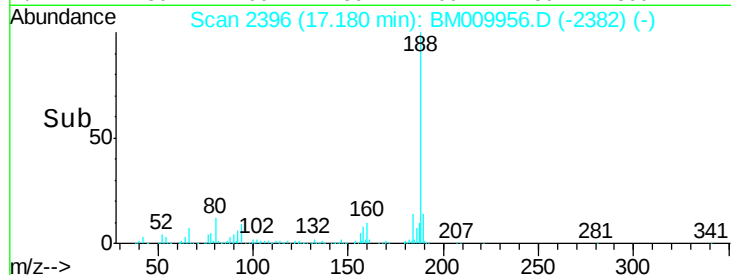
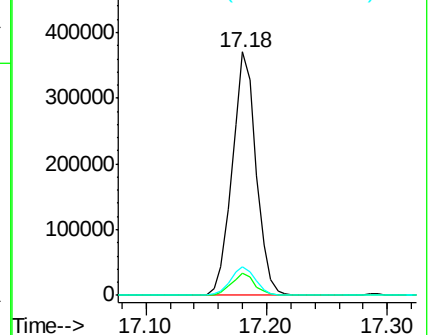
80 11.8 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM009956.D

Acq: 07 May 2017 00:27

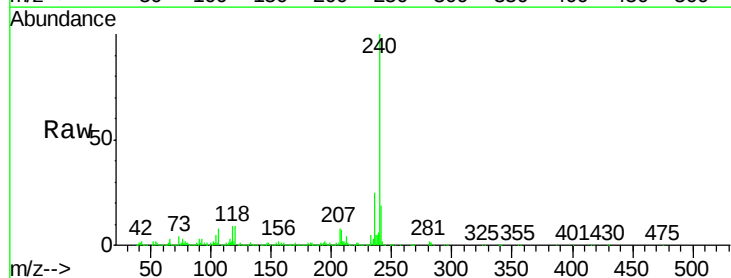
Tgt Ion:240 Resp: 708143

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

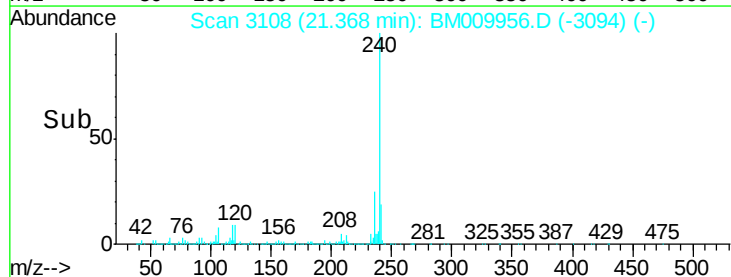
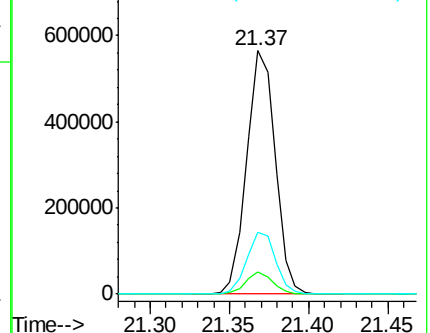
236 25.5 20.0 30.0

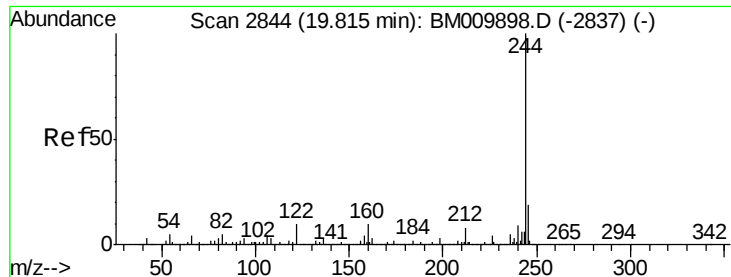


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.18 ng

RT: 19.81 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM009956.D

Acq: 07 May 2017 00:27

Instrument :

BNA_M

ClientSampleId :

R1-MW-1-GW

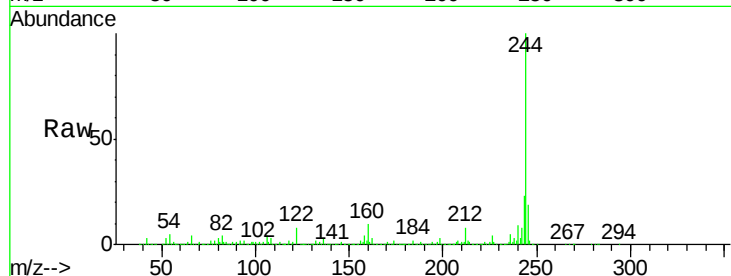
Tgt Ion:244 Resp: 2871463

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

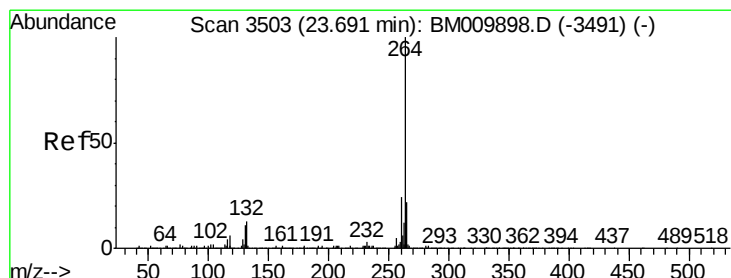
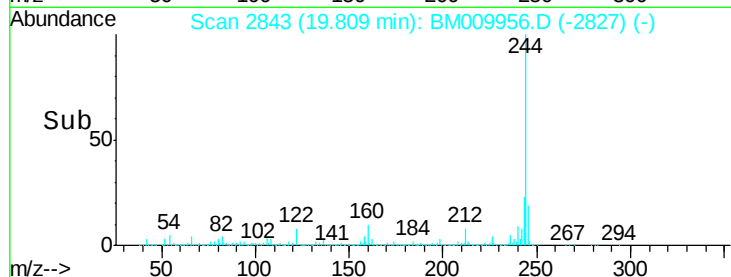
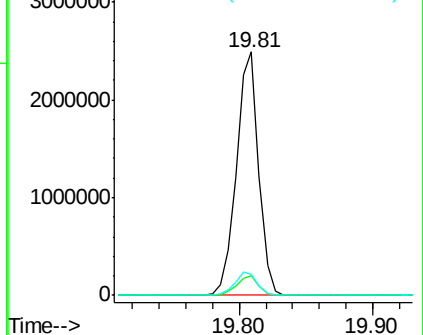
122 8.5 6.2 9.4



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# 3499

Delta R.T. -0.02 min

Lab File: BM009956.D

Acq: 07 May 2017 00:27

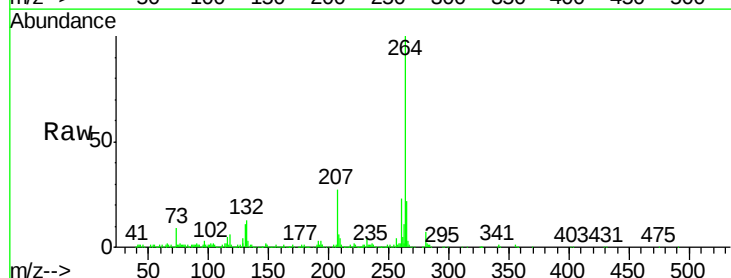
Tgt Ion:264 Resp: 609005

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 22.0 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

