

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010009.D
 Acq On : 12 May 2017 05:53
 Operator : SJ/MA
 Sample : I3079-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW039-170509

Quant Time: May 12 08:06:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

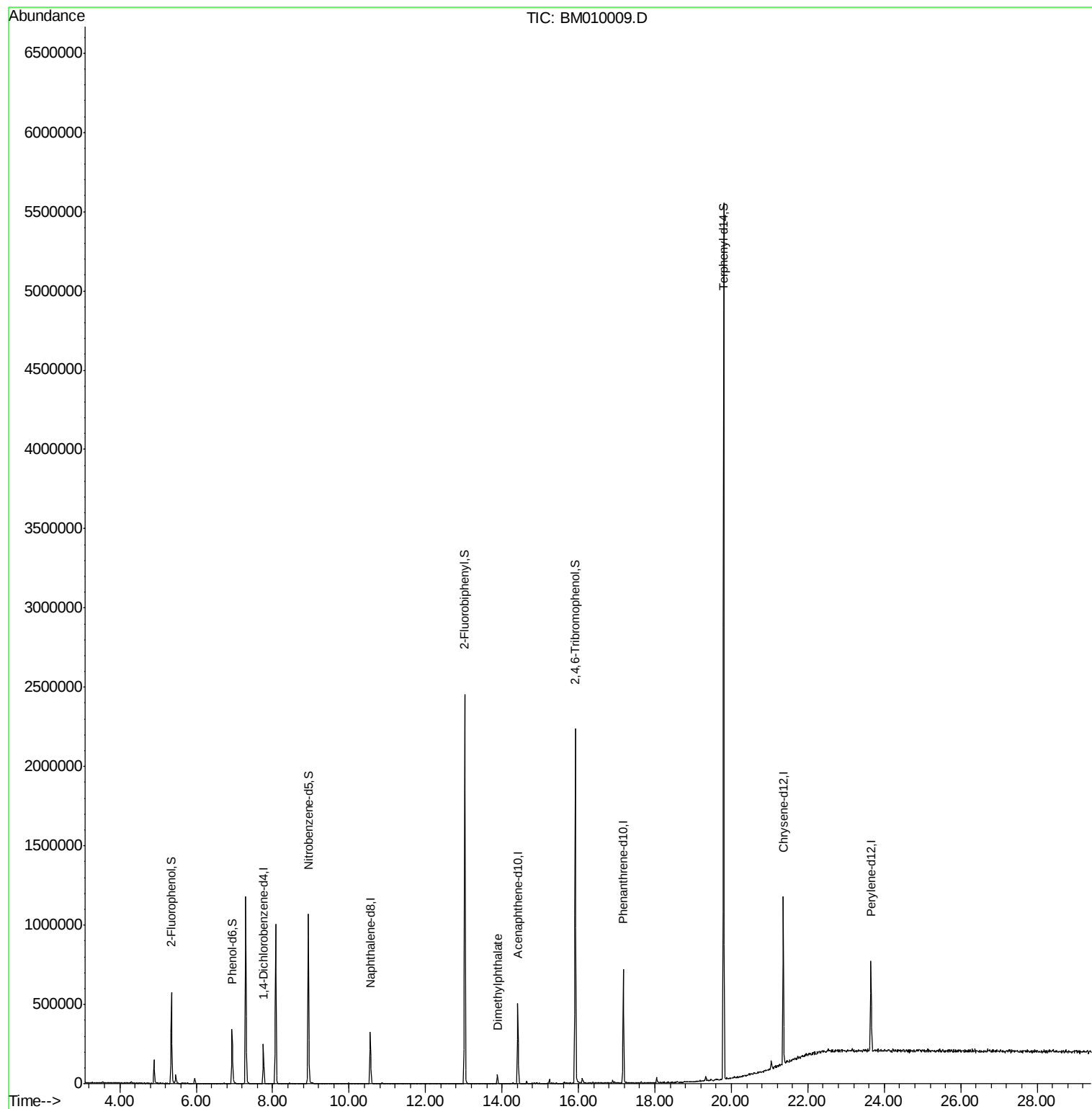
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	53984	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	231243	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	154912	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	392671	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	517366	20.00	ng	-0.02
86) Perylene-d12	23.65	264	419158	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	197294	57.19	ng	-0.02
7) Phenol-d6	6.95	99	170380	30.82	ng	-0.02
23) Nitrobenzene-d5	8.93	82	620458	98.06	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	328556	154.97	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1124993	97.12	ng	-0.02
78) Terphenyl-d14	19.80	244	2110341	85.97	ng	-0.02
Target Compounds						
49) Dimethylphthalate	13.88	163	34831	2.55	ng	Qvalue # 94

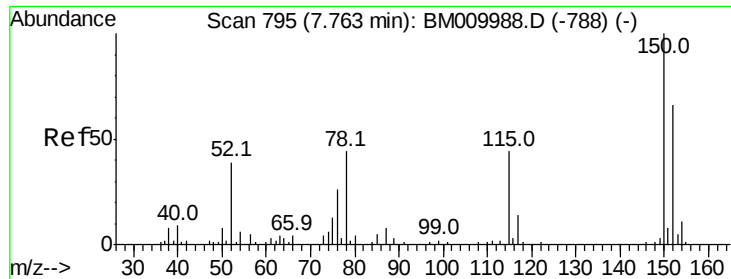
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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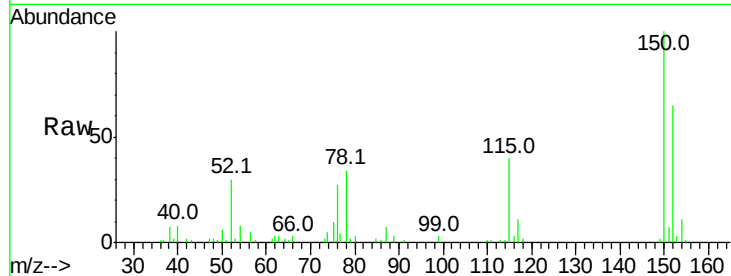


#1

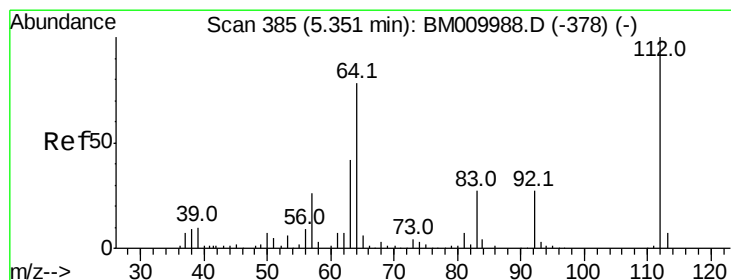
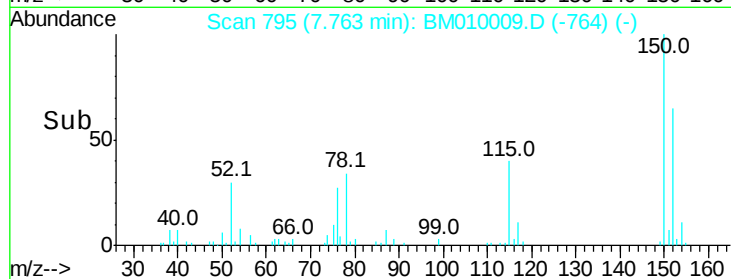
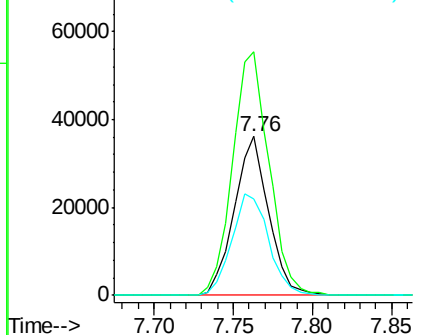
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM010009.D
Acq: 12 May 2017 05:53

Instrument :
BNA_M
ClientSampleId :
SS043MW039-170509

Tot Ion:152 Resp: 53984
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 60.6 43.0 64.4



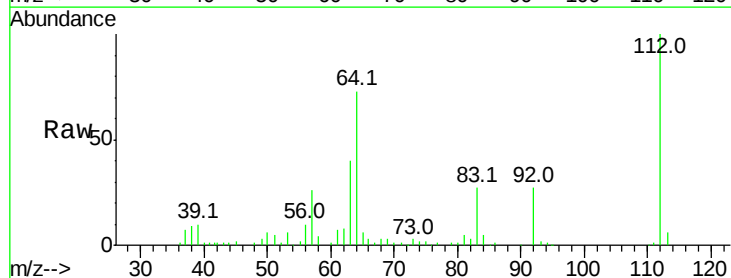
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



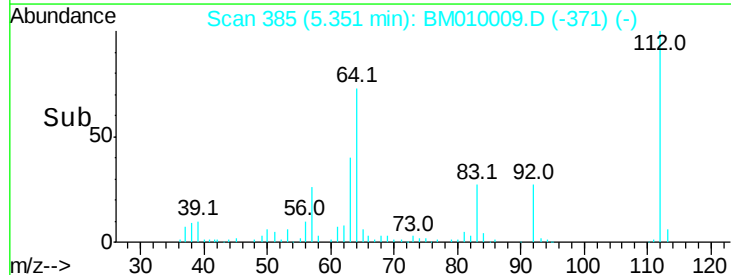
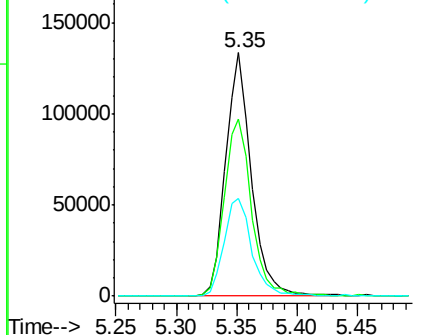
#5

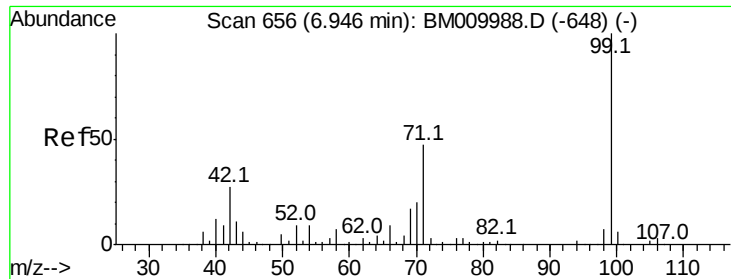
2-Fluorophenol
Concen: 57.19 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM010009.D
Acq: 12 May 2017 05:53

Tgt Ion:112 Resp: 197294
Ion Ratio Lower Upper
112 100
64 72.6 38.6 57.8#
63 40.2 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: 30.82 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM010009.D

Acq: 12 May 2017 05:53

Instrument :

BNA_M

ClientSampleId :

SS043MW039-170509

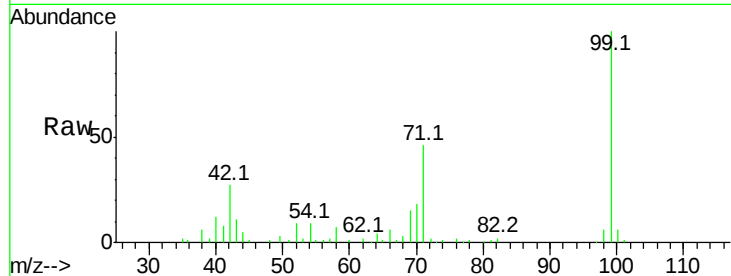
Tot Ion: 99 Resp: 170380

Ion Ratio Lower Upper

99 100

42 27.2 11.0 16.4#

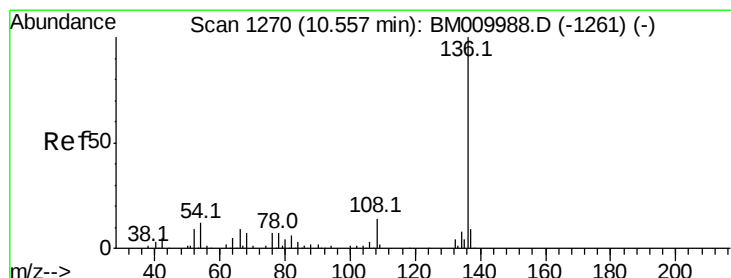
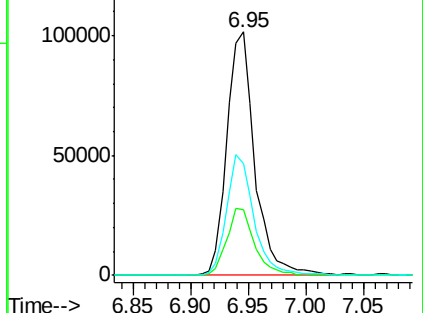
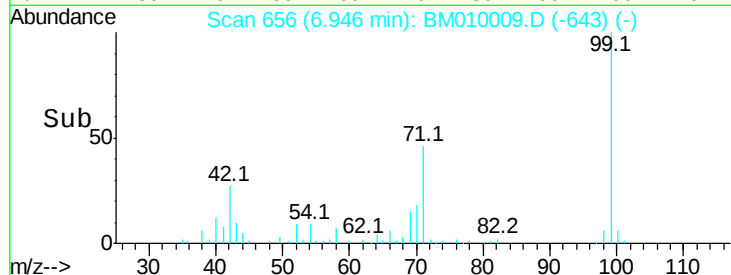
71 45.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010009.D (-643) (-)

Ion 42.00 (41.70 to 42.70): BM010009.D (-643) (-)

Ion 71.00 (70.70 to 71.70): BM010009.D (-643) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BM010009.D

Acq: 12 May 2017 05:53

Tgt Ion: 136 Resp: 231243

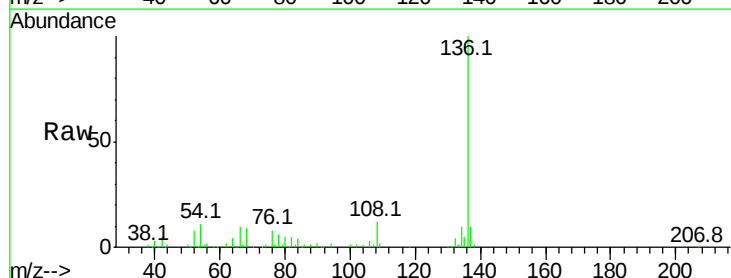
Ion Ratio Lower Upper

136 100

137 9.7 8.7 13.1

54 11.3 4.6 6.8#

68 8.8 3.7 5.5#

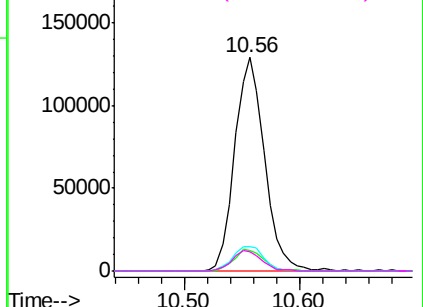
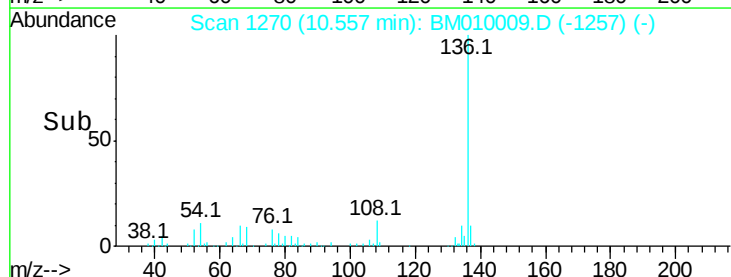


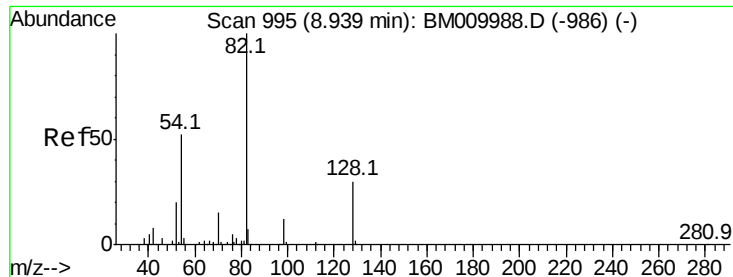
Abundance Ion 136.00 (135.70 to 136.70): BM010009.D (-1257) (-)

Ion 137.00 (136.70 to 137.70): BM010009.D (-1257) (-)

Ion 54.00 (53.70 to 54.70): BM010009.D (-1257) (-)

Ion 68.00 (67.70 to 68.70): BM010009.D (-1257) (-)





#23

Nitrobenzene-d5

Concen: 98.06 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010009.D

Acq: 12 May 2017 05:53

Instrument :

BNA_M

ClientSampleId :

SS043MW039-170509

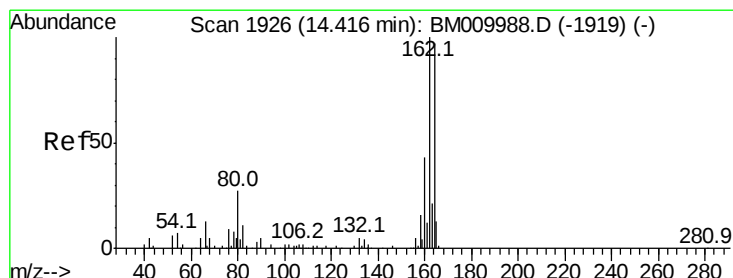
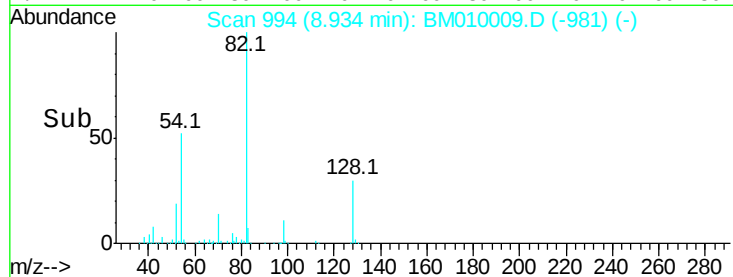
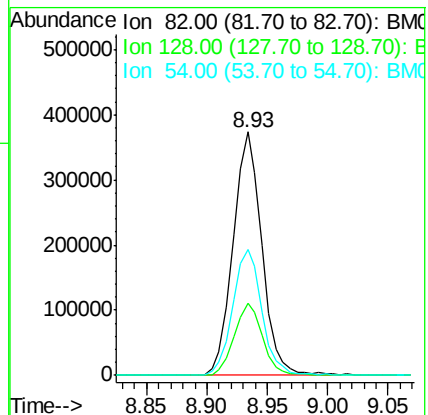
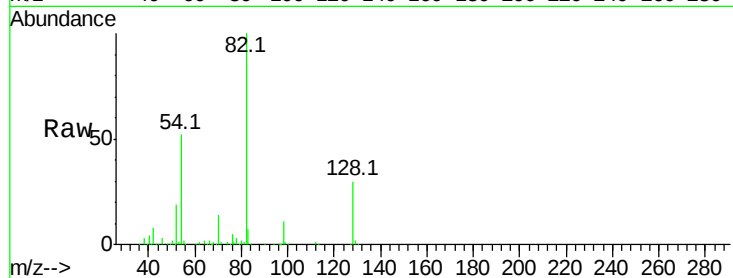
Tot Ion: 82 Resp: 620458

Ion Ratio Lower Upper

82 100

128 29.6 32.8 49.2#

54 51.8 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BM010009.D

Acq: 12 May 2017 05:53

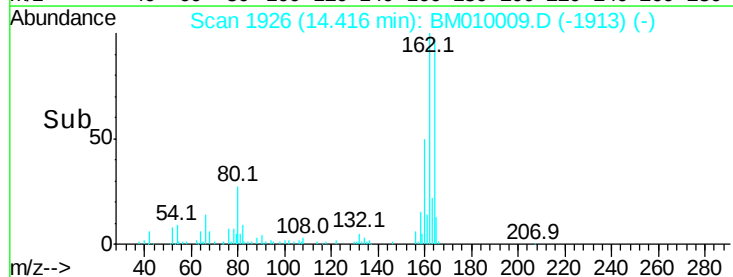
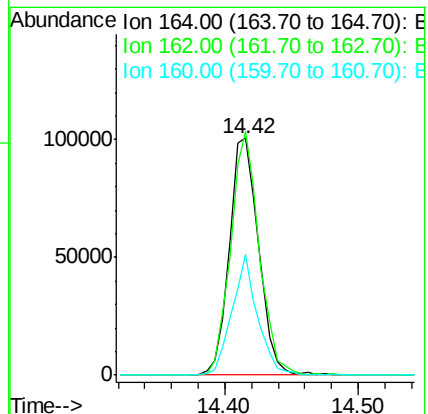
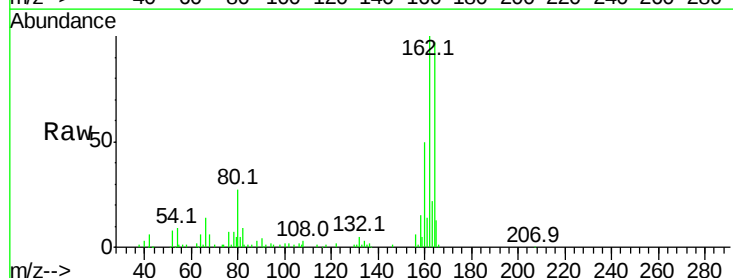
Tgt Ion: 164 Resp: 154912

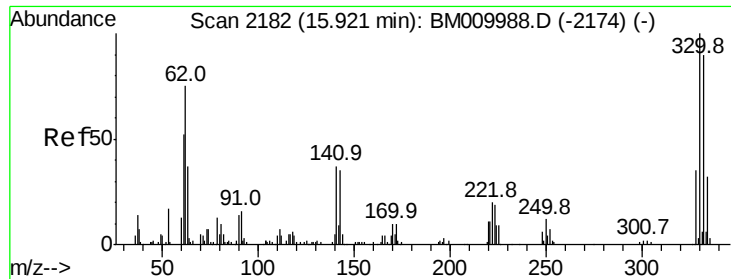
Ion Ratio Lower Upper

164 100

162 102.9 82.4 123.6

160 51.0 35.8 53.6

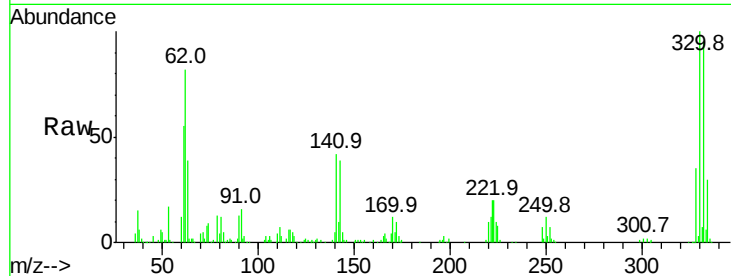




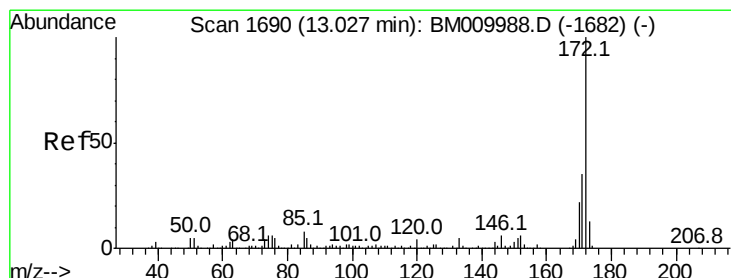
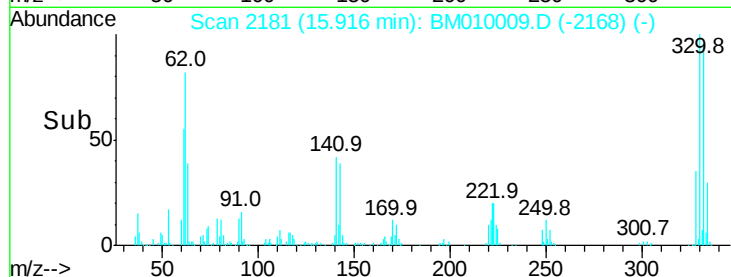
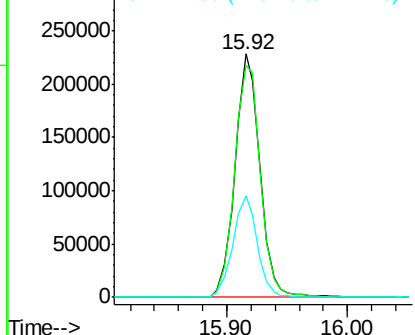
#41
 2,4,6-Tribromophenol
 Concen: 154.97 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010009.D
 Acq: 12 May 2017 05:53

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW039-170509

Tot Ion:330 Resp: 328556
 Ion Ratio Lower Upper
 330 100
 332 99.4 0.0 0.0#
 141 41.0 0.0 0.0#

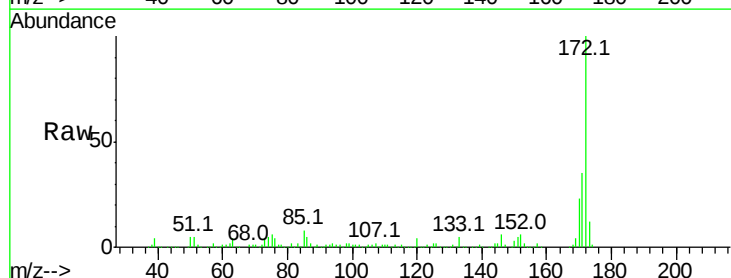


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

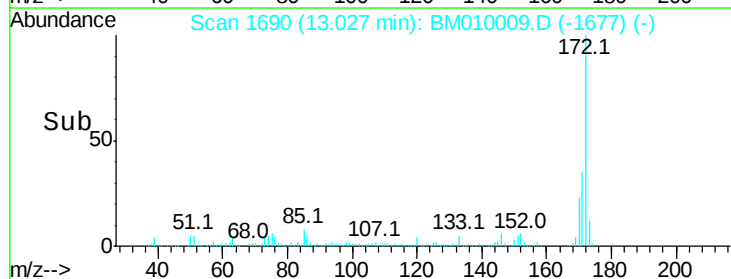
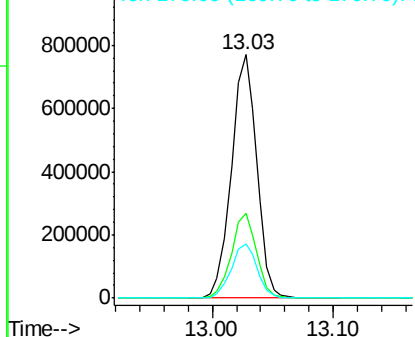


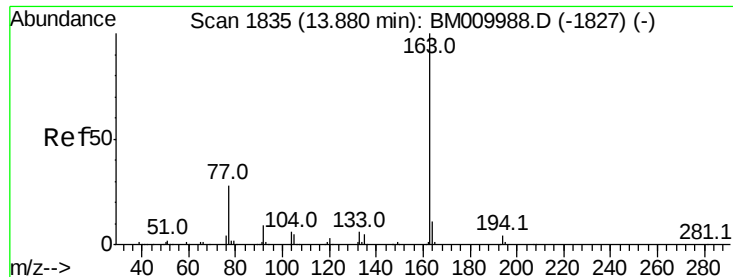
#44
 2-Fluorobiphenyl
 Concen: 97.12 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010009.D
 Acq: 12 May 2017 05:53

Tgt Ion:172 Resp: 1124993
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 22.5 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





#49

Dimethylphthalate

Concen: 2.55 ng

RT: 13.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BM010009.D

Acq: 12 May 2017 05:53

Instrument :

BNA_M

ClientSampleId :

SS043MW039-170509

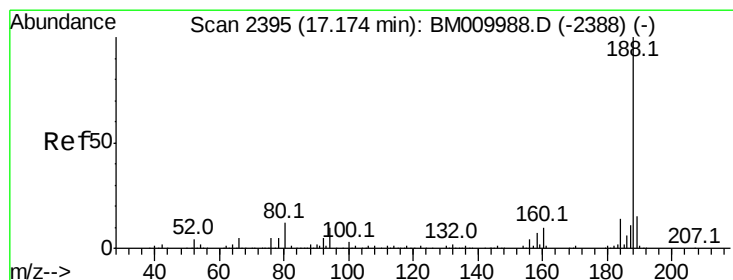
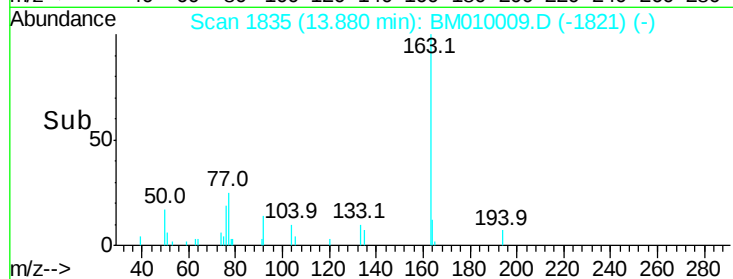
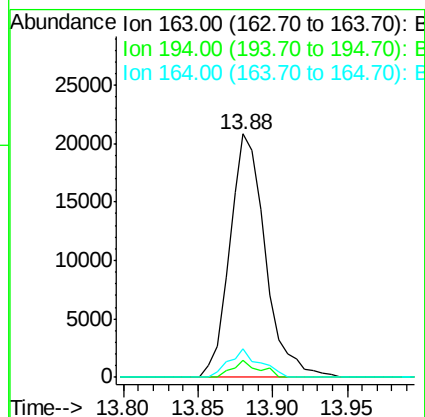
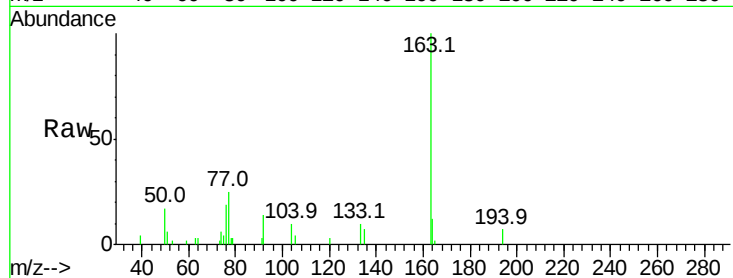
Tot Ion:163 Resp: 34831

Ion Ratio Lower Upper

163 100

194 7.0 2.7 4.1#

164 11.8 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.03 min

Lab File: BM010009.D

Acq: 12 May 2017 05:53

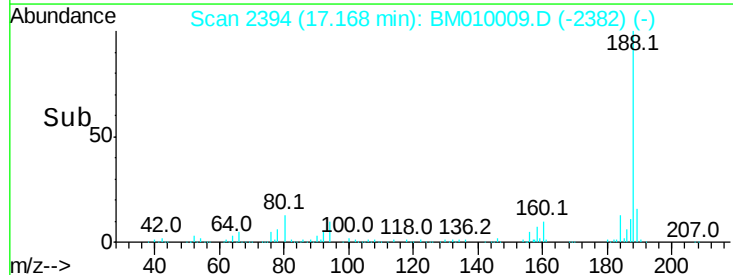
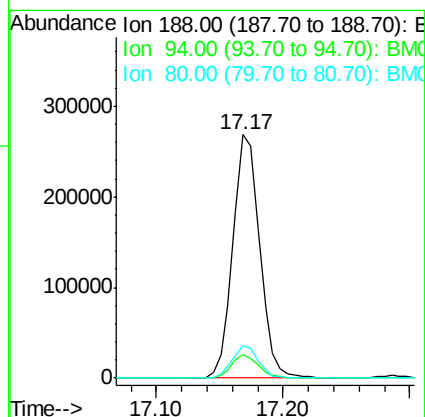
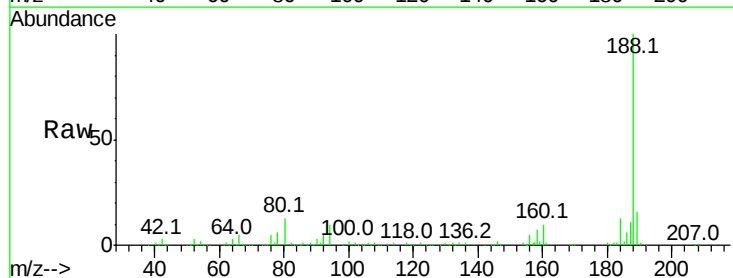
Tgt Ion:188 Resp: 392671

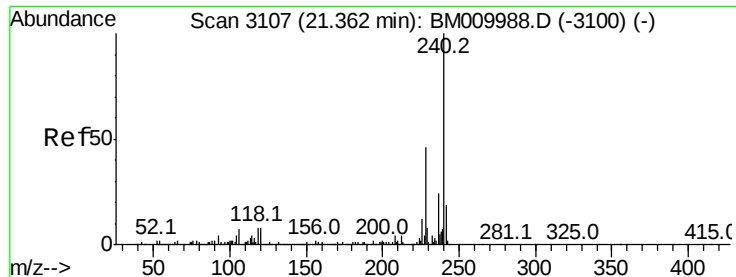
Ion Ratio Lower Upper

188 100

94 9.6 8.7 13.1

80 13.4 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM010009.D

Acq: 12 May 2017 05:53

Instrument :

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ClientSampleId :

SS043MW039-170509

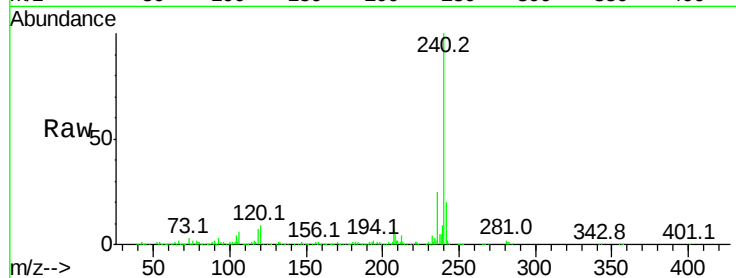
Tot Ion:240 Resp: 517366

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

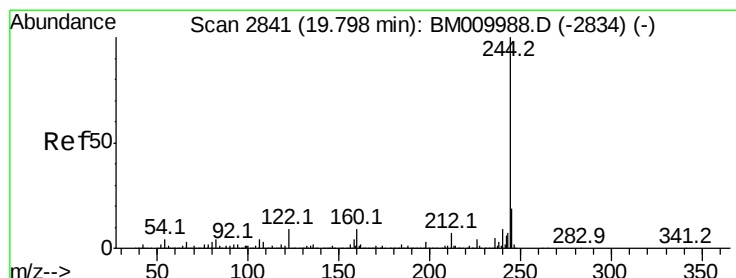
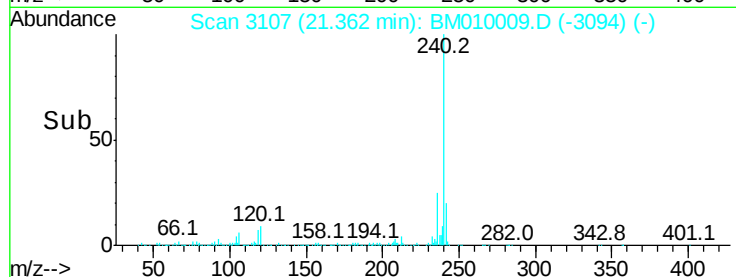
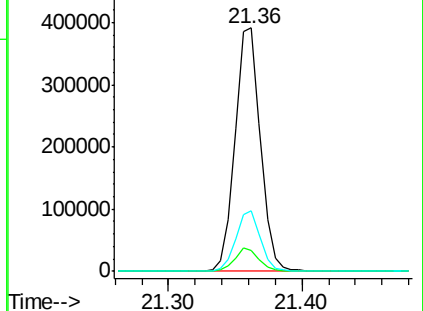
236 25.1 20.0 30.0



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: 85.97 ng

RT: 19.80 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BM010009.D

Acq: 12 May 2017 05:53

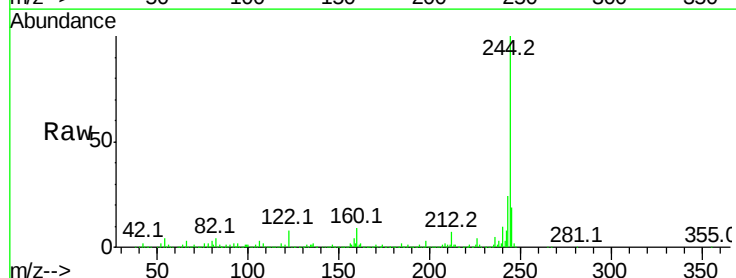
Tgt Ion:244 Resp: 2110341

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

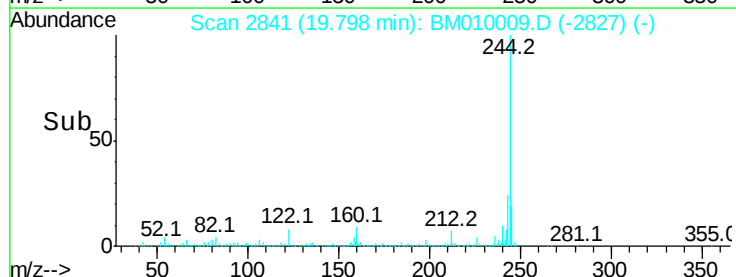
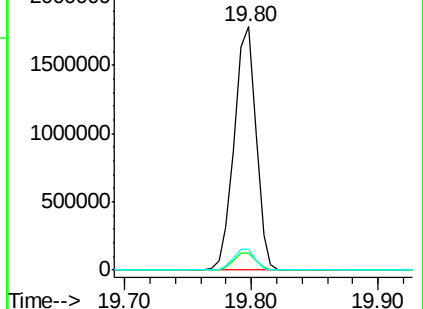
122 8.4 6.2 9.4

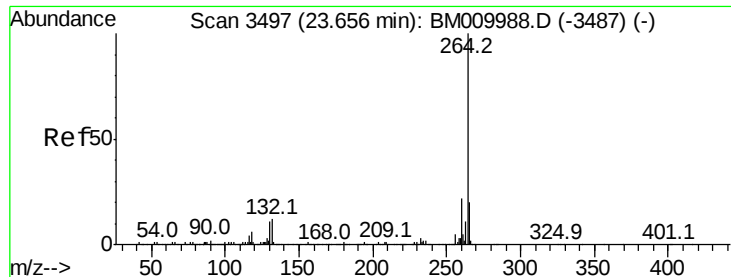


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



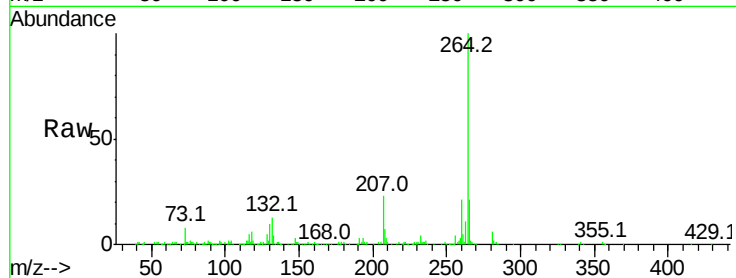


#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3496
Delta R.T. -0.04 min
Lab File: BM010009.D
Acq: 12 May 2017 05:53

Instrument :
BNA_M
ClientSampleId :
SS043MW039-170509

Tot Ion:264 Resp: 419158

Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.6	27.8
265	21.3	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

