

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
 Data File : BM010028.D
 Acq On : 12 May 2017 17:51
 Operator : SJ/MA
 Sample : I3098-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-5

Quant Time: May 13 04:13:28 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

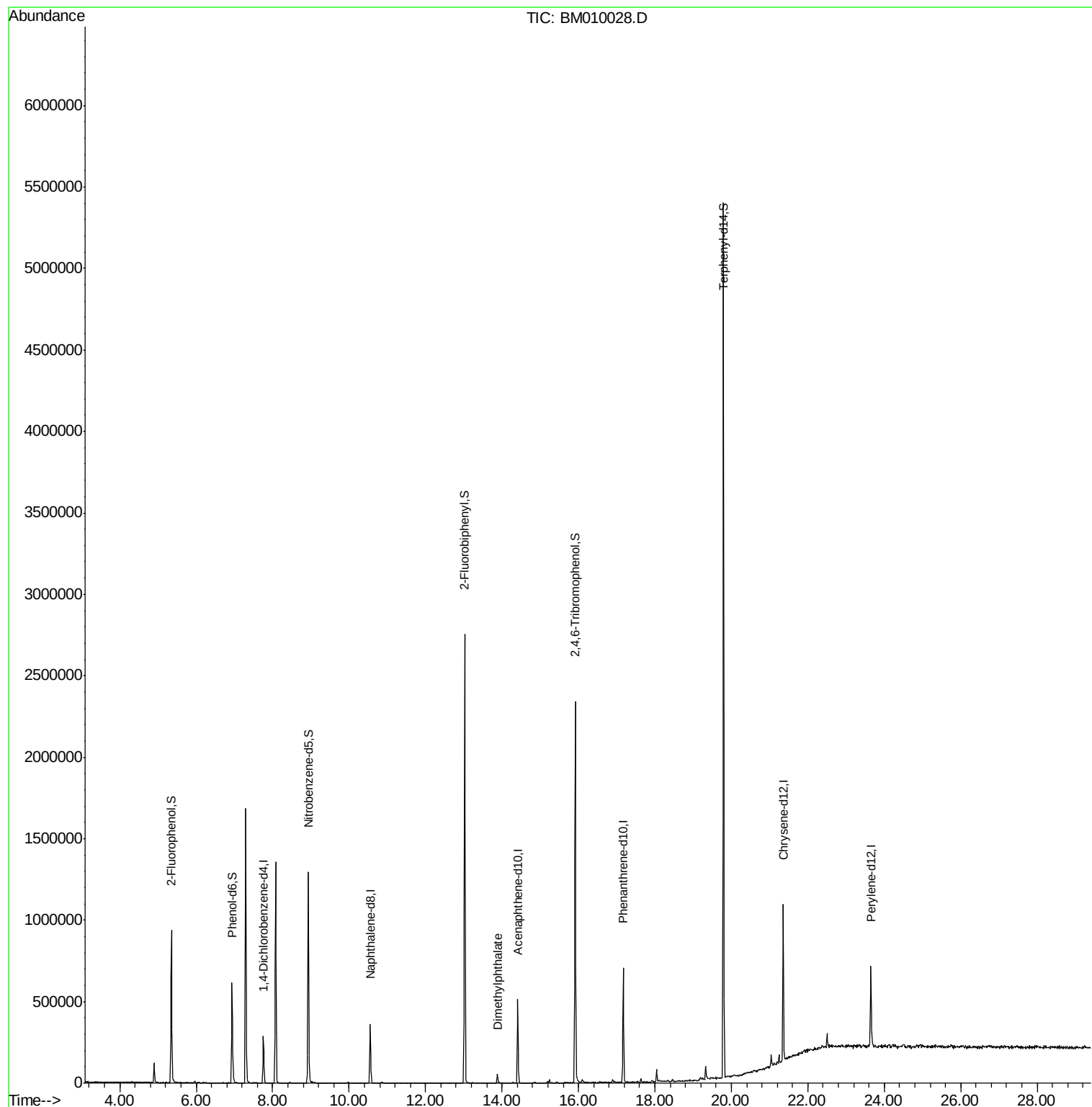
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	59466	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	249449	20.00	ng	-0.02
38) Acenaphthene-d10	14.41	164	144585	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	359003	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	420197	20.00	ng	-0.03
86) Perylene-d12	23.65	264	344093	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	296395	78.00	ng	-0.02
7) Phenol-d6	6.94	99	276292	45.38	ng	-0.03
23) Nitrobenzene-d5	8.93	82	719353	105.39	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	296261	149.72	ng	-0.02
44) 2-Fluorobiphenyl	13.02	172	1147018	106.09	ng	-0.03
78) Terphenyl-d14	19.79	244	1896674	95.13	ng	-0.02
Target Compounds						
49) Dimethylphthalate	13.88	163	30684	2.41	ng	Qvalue # 97

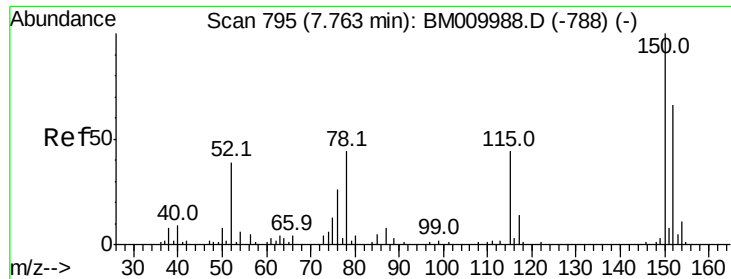
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010028.D

Acq: 12 May 2017 17:51

Instrument :

BNA_M

ClientSampleId :

MW-5

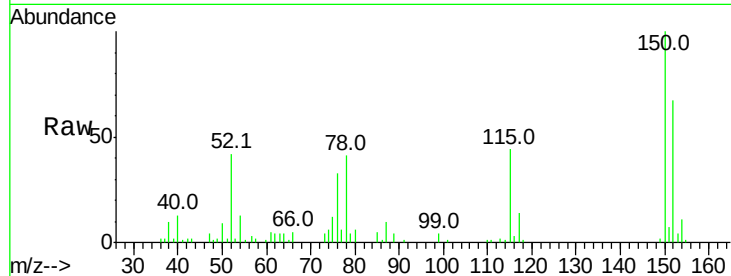
Tot Ion:152 Resp: 59466

Ion Ratio Lower Upper

152 100

150 149.0 119.5 179.3

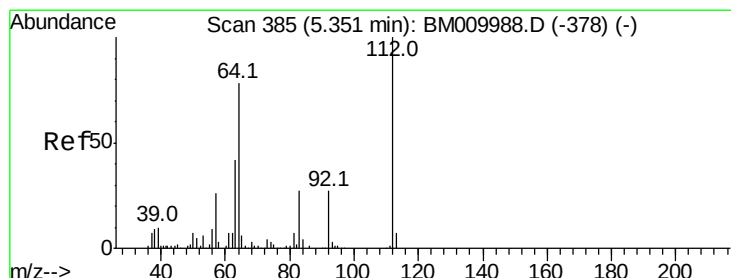
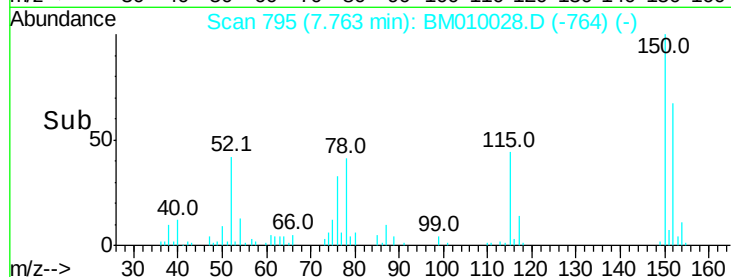
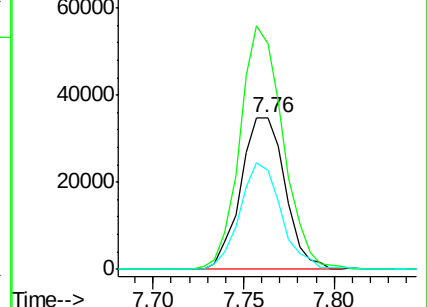
115 65.4 43.0 64.4#



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: 78.00 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

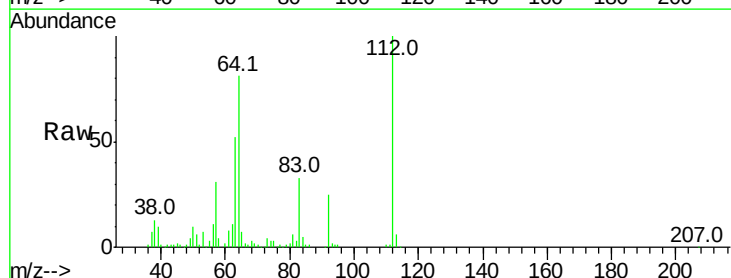
Tgt Ion:112 Resp: 296395

Ion Ratio Lower Upper

112 100

64 81.0 38.6 57.8#

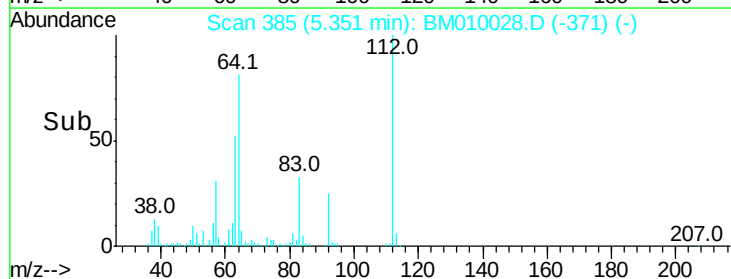
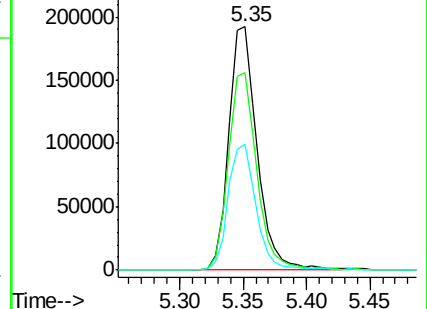
63 51.5 19.3 28.9#

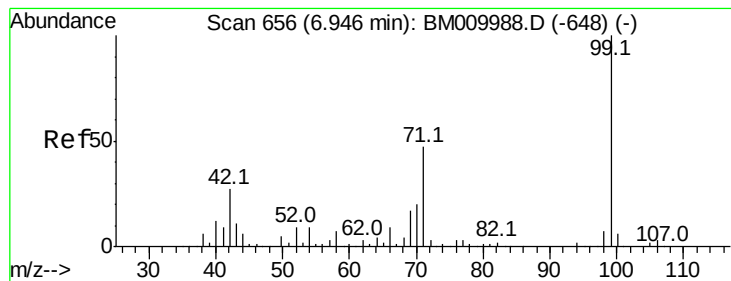


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 45.38 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

Instrument :

BNA_M

ClientSampled :

MW-5

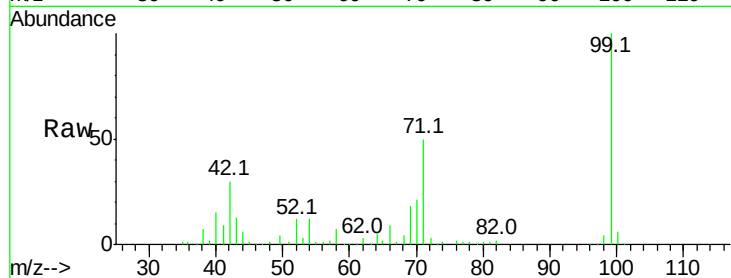
Tot Ion: 99 Resp: 276292

Ion Ratio Lower Upper

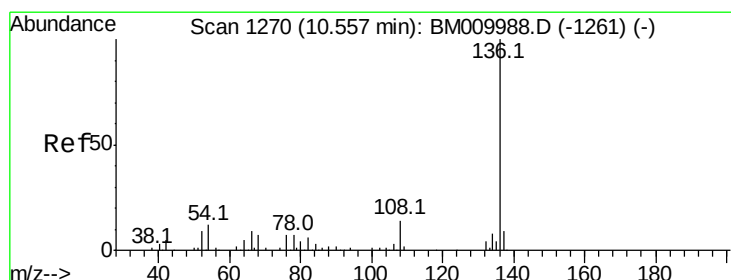
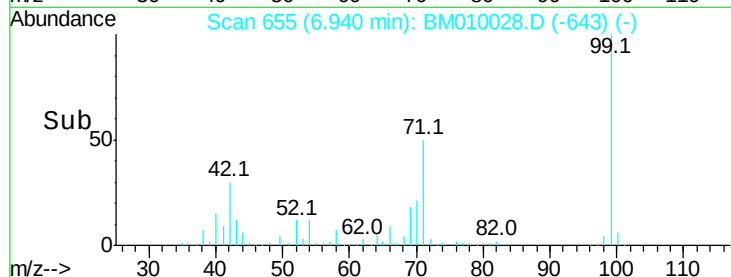
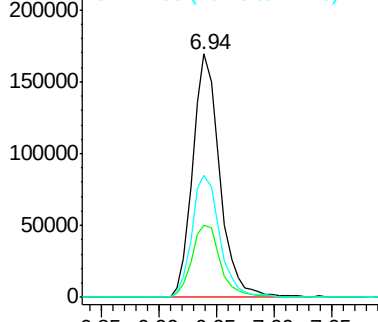
99 100

42 29.7 11.0 16.4#

71 50.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

Tgt Ion: 136 Resp: 249449

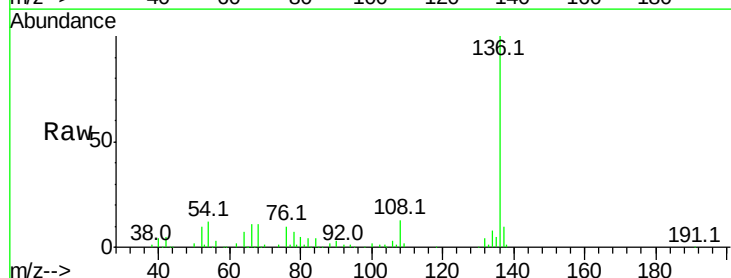
Ion Ratio Lower Upper

136 100

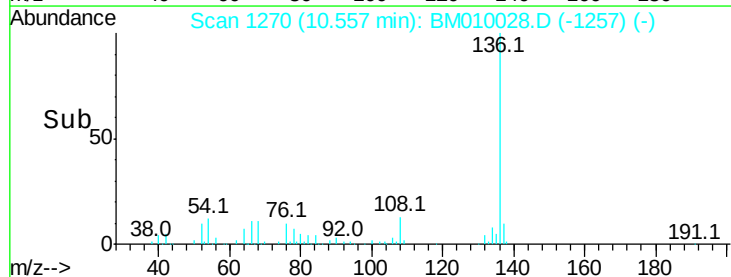
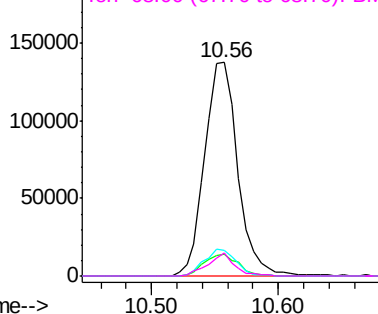
137 10.1 8.7 13.1

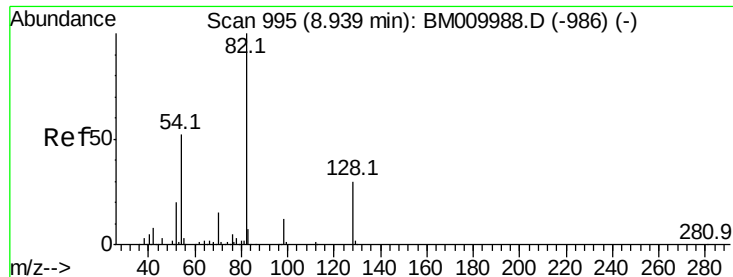
54 12.2 4.6 6.8#

68 10.8 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 105.39 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

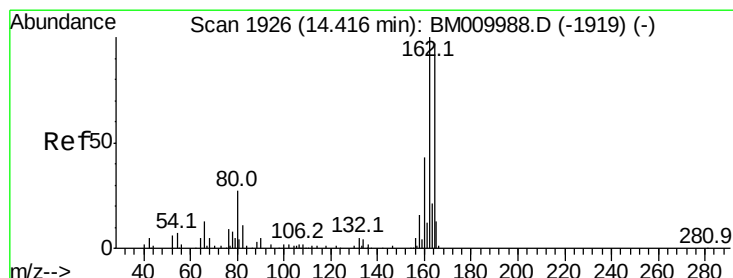
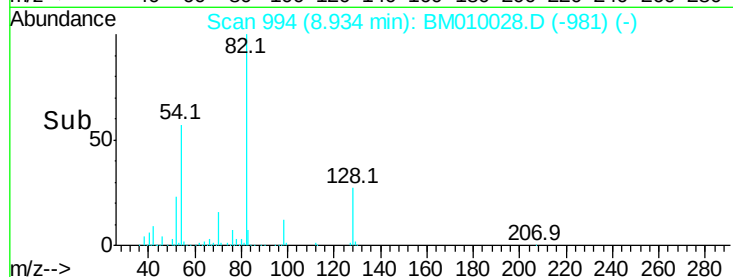
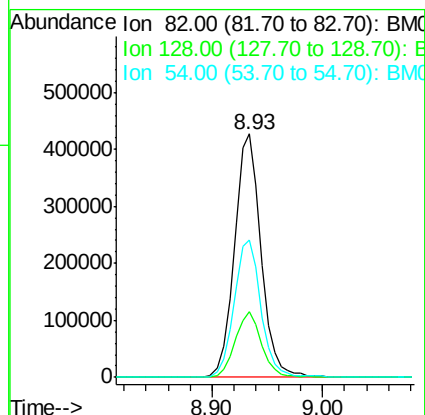
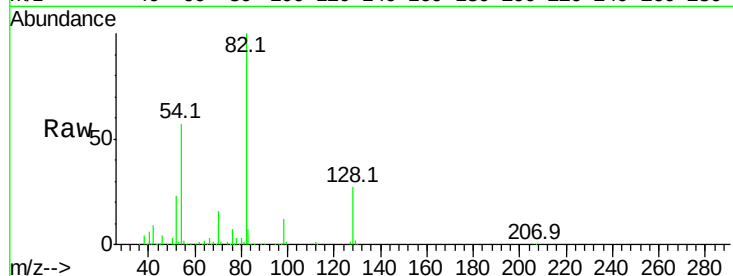
Instrument :

BNA_M

ClientSampled :

MW-5

Tot Ion:	82	Resp:	719353
Ion	Ratio	Lower	Upper
82	100		
128	27.1	32.8	49.2#
54	56.7	40.6	60.8



#38

Acenaphthene-d10

Concen: 20.00 ng

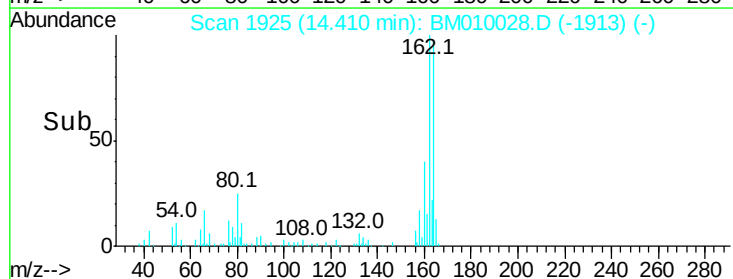
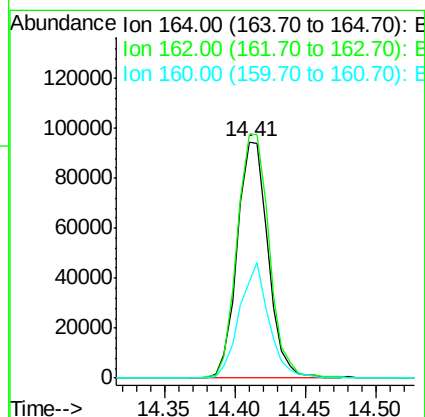
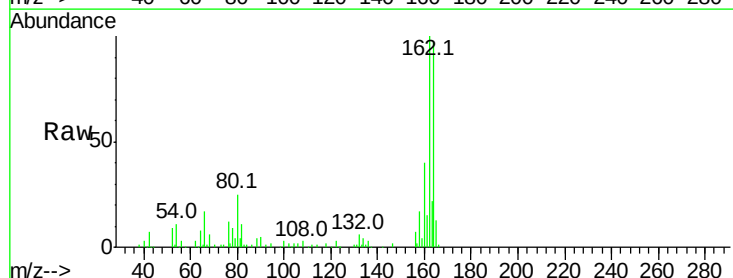
RT: 14.41 min Scan# 1925

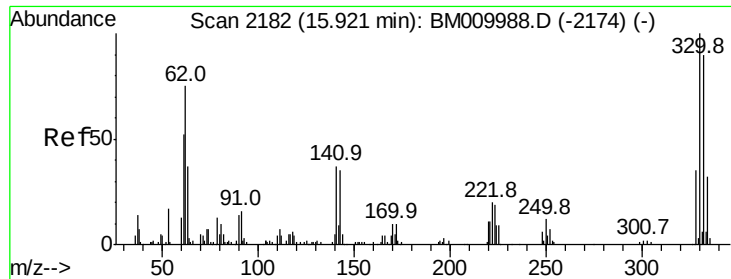
Delta R.T. -0.03 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

Tgt Ion:	164	Resp:	144585
Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.4	123.6
160	41.0	35.8	53.6

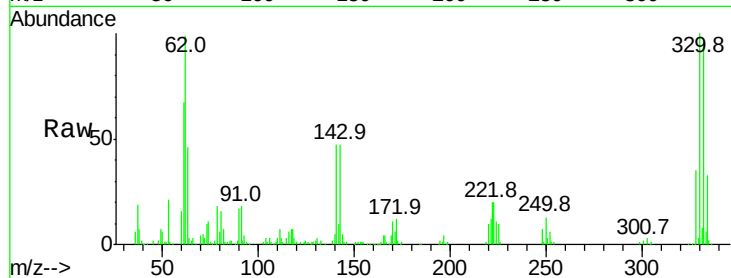




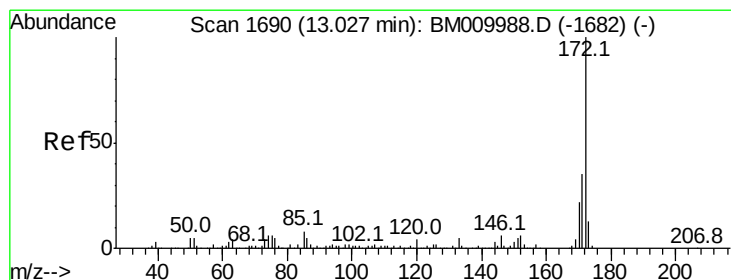
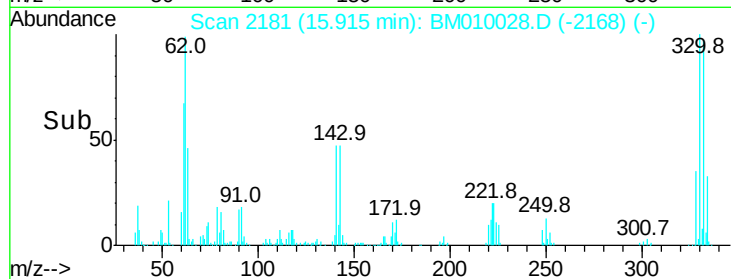
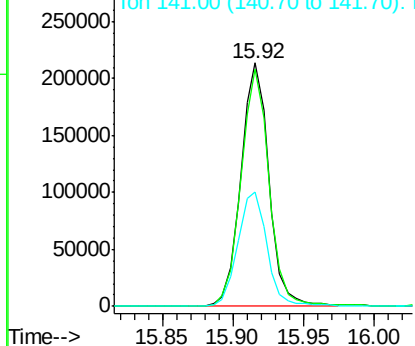
#41
 2,4,6-Tribromophenol
 Concen: 149.72 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010028.D
 Acq: 12 May 2017 17:51

Instrument :
 BNA_M
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	48.9	0.0	0.0#

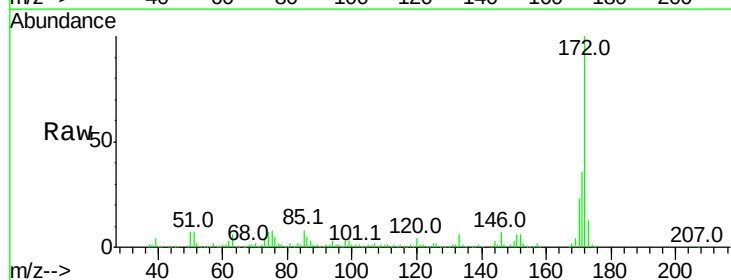


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

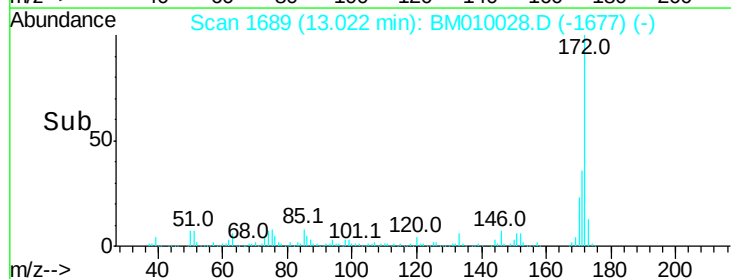
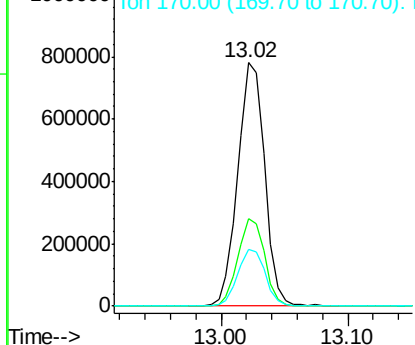


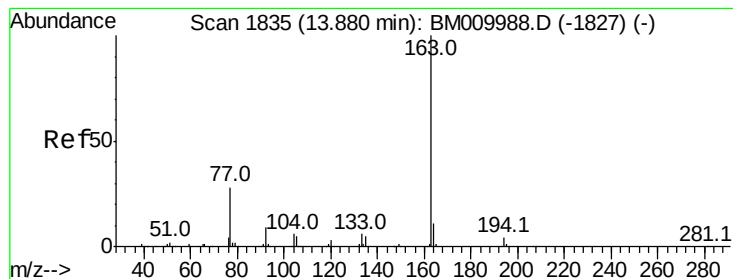
#44
 2-Fluorobiphenyl
 Concen: 106.09 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.03 min
 Lab File: BM010028.D
 Acq: 12 May 2017 17:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.2	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: 2.41 ng

RT: 13.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

Instrument :

BNA_M

ClientSampleId :

MW-5

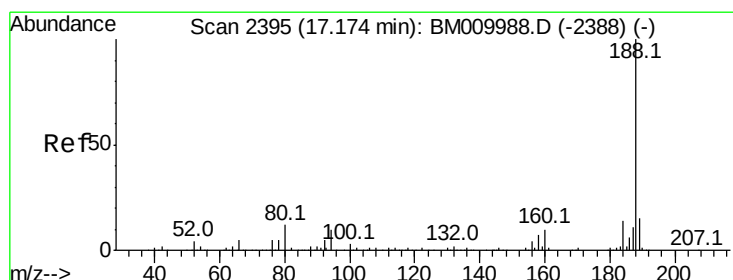
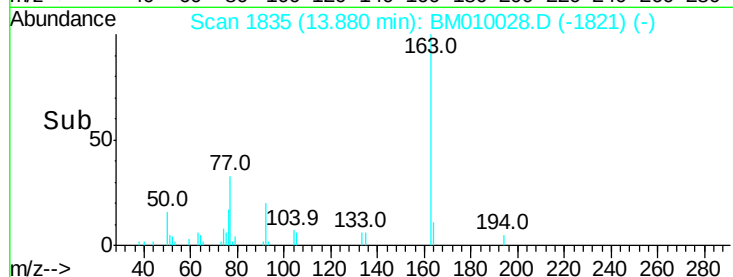
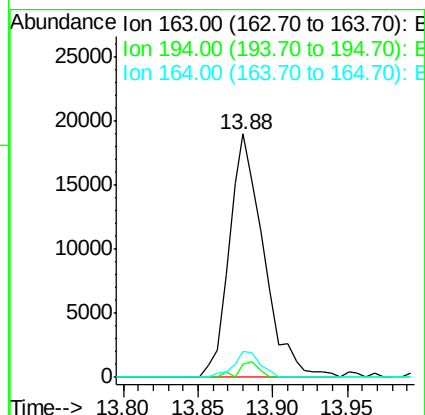
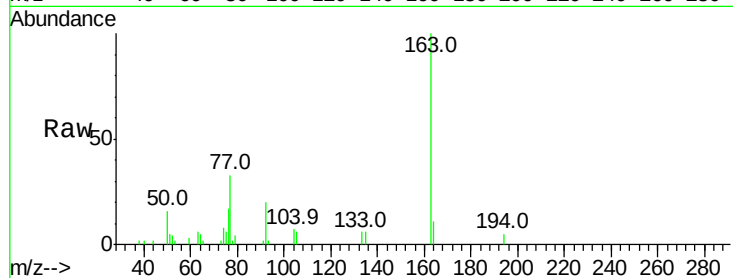
Tot Ion:163 Resp: 30684

Ion Ratio Lower Upper

163 100

194 5.4 2.7 4.1#

164 10.8 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: BM010028.D

Acq: 12 May 2017 17:51

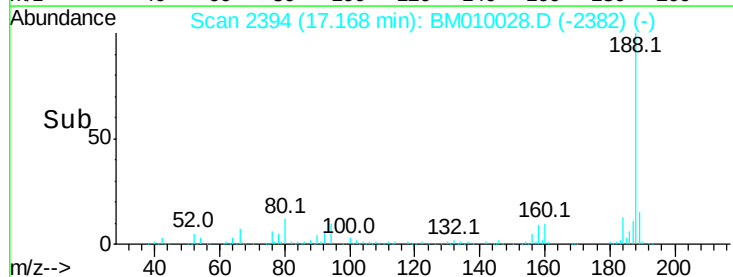
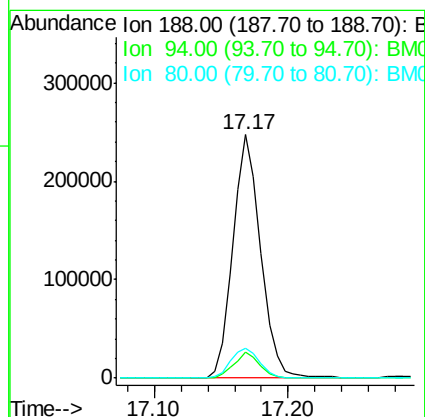
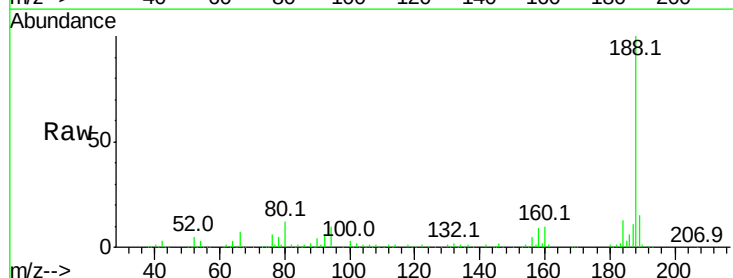
Tgt Ion:188 Resp: 359003

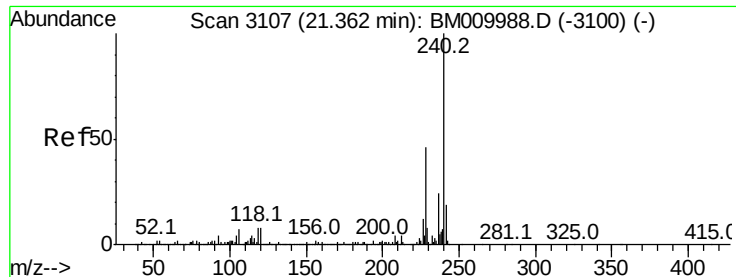
Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

80 12.3 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

Instrument :

BNA_M

ClientSampleId :

MW-5

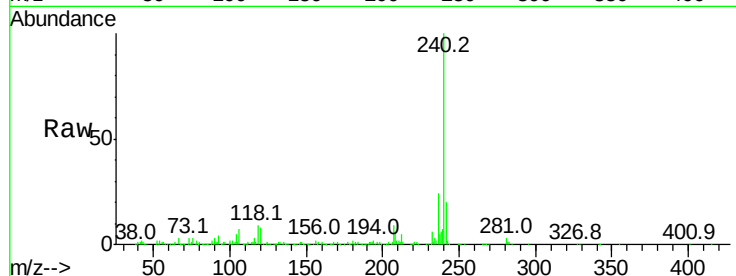
Tot Ion:240 Resp: 420197

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

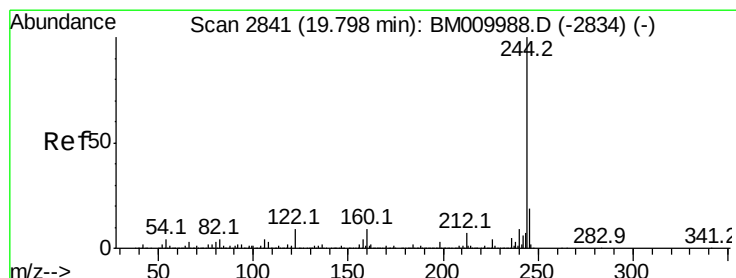
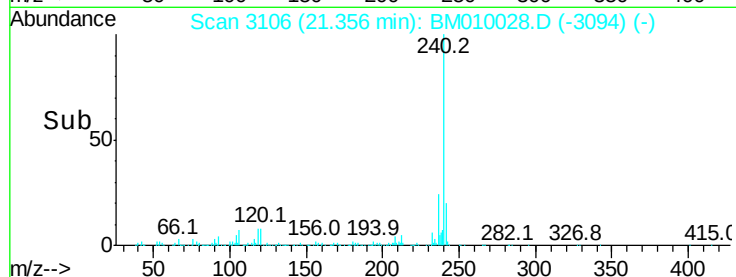
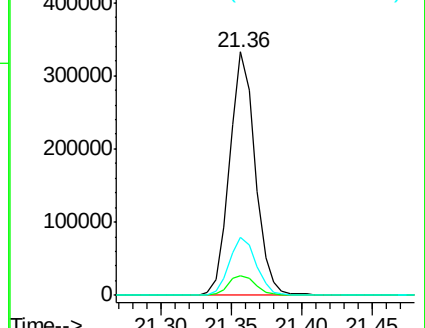
236 23.7 20.0 30.0



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: 95.13 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010028.D

Acq: 12 May 2017 17:51

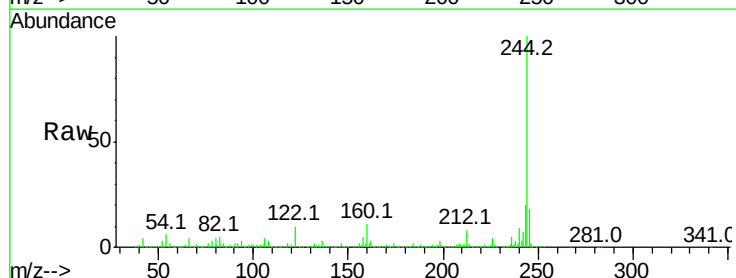
Tgt Ion:244 Resp: 1896674

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

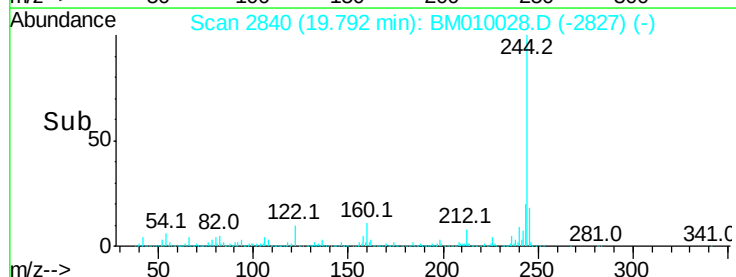
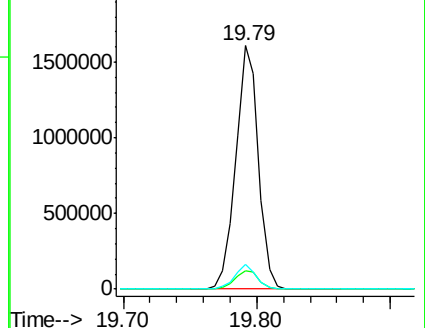
122 10.0 6.2 9.4#

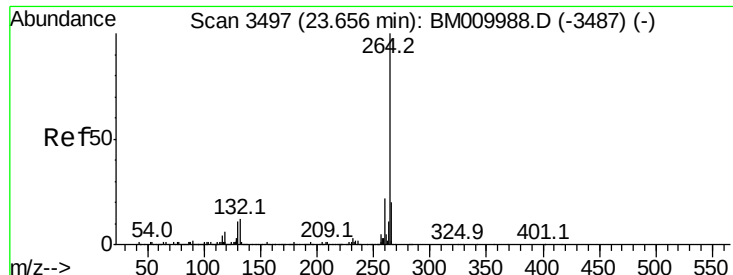


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

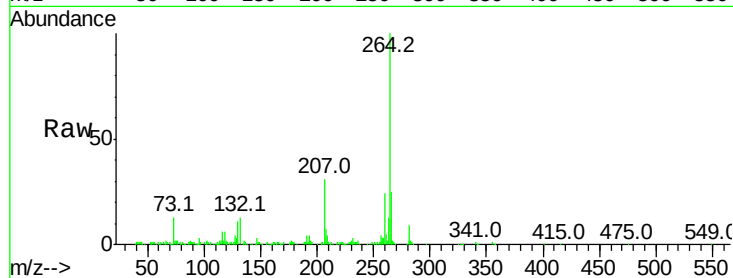




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010028.D
 Acq: 12 May 2017 17:51

Instrument :
 BNA_M
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	25.2	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

