

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
 Data File : BM010035.D
 Acq On : 12 May 2017 22:05
 Operator : SJ/MA
 Sample : I3108-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDW-GAC3-170510

Quant Time: May 13 04:37:14 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	49450	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	202131	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	117613	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	317511	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	404886	20.00	ng	-0.03
86) Perylene-d12	23.65	264	332652	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	498001	157.60	ng	-0.02
7) Phenol-d6	6.94	99	643903	127.17	ng	-0.03
23) Nitrobenzene-d5	8.93	82	612579	110.75	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	263982	164.00	ng	-0.02
44) 2-Fluorobiphenyl	13.02	172	950521	108.08	ng	-0.03
78) Terphenyl-d14	19.79	244	1943991	101.19	ng	-0.02

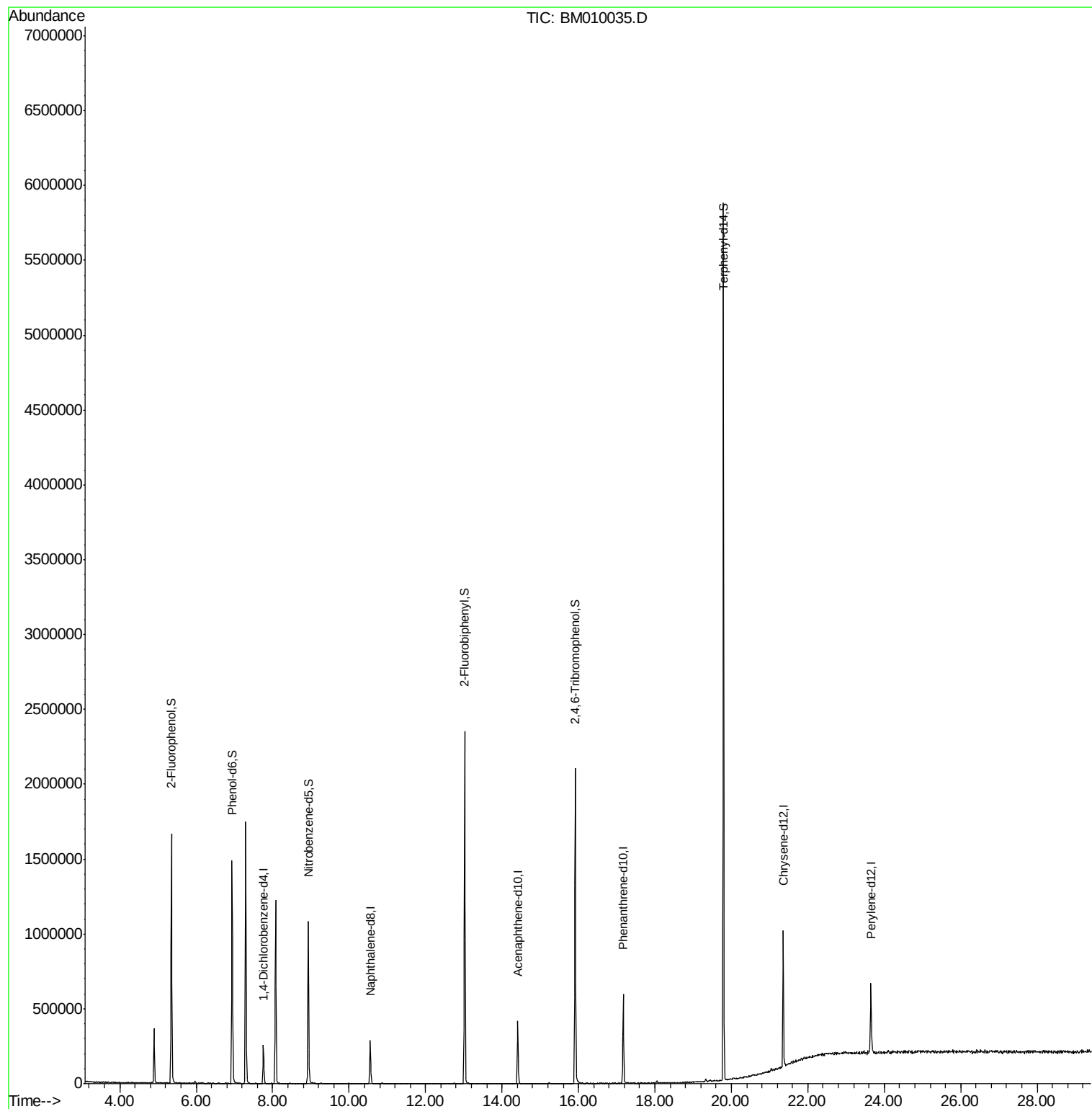
Target Compounds	Qvalue
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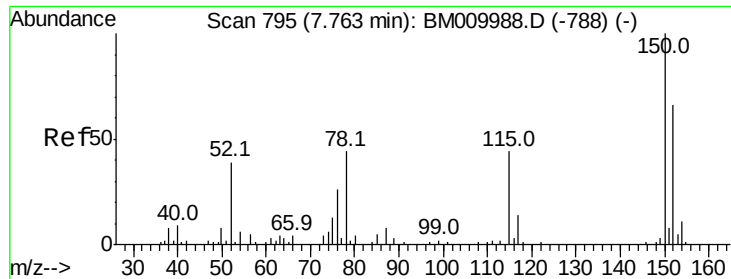
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM010035.D

Acq: 12 May 2017 22:05

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BNA_M

ClientSampleId :

IDW-GAC3-170510

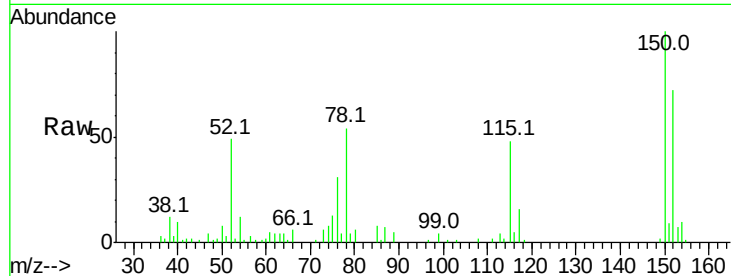
Tot Ion:152 Resp: 49450

Ion Ratio Lower Upper

152 100

150 138.7 119.5 179.3

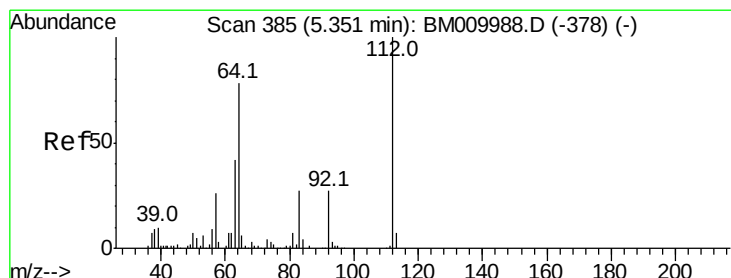
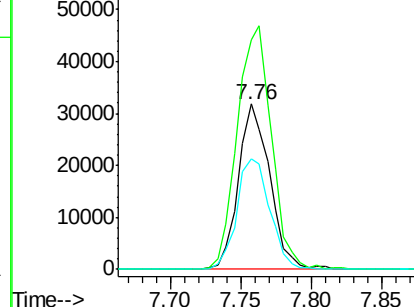
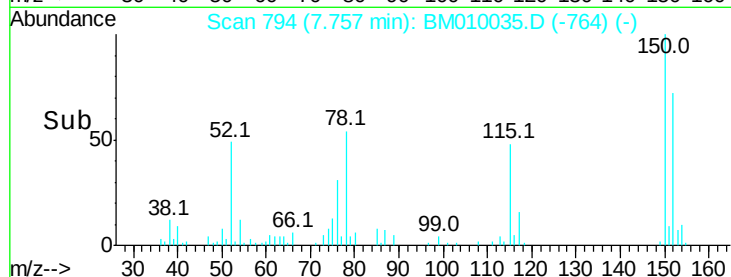
115 66.5 43.0 64.4#



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: 157.60 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM010035.D

Acq: 12 May 2017 22:05

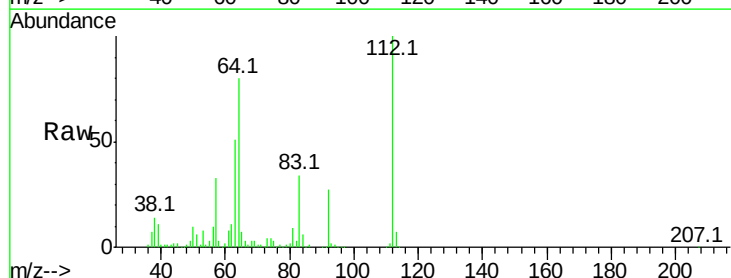
Tgt Ion:112 Resp: 498001

Ion Ratio Lower Upper

112 100

64 80.1 38.6 57.8#

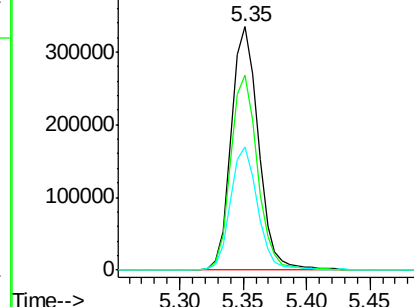
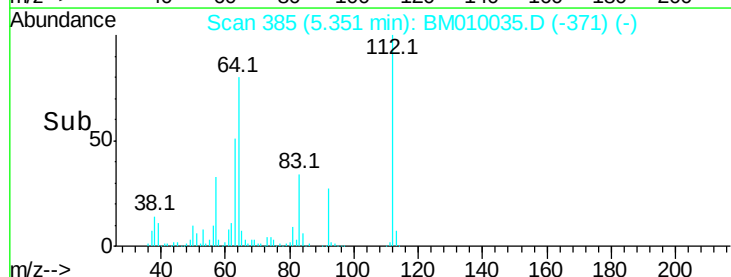
63 50.9 19.3 28.9#

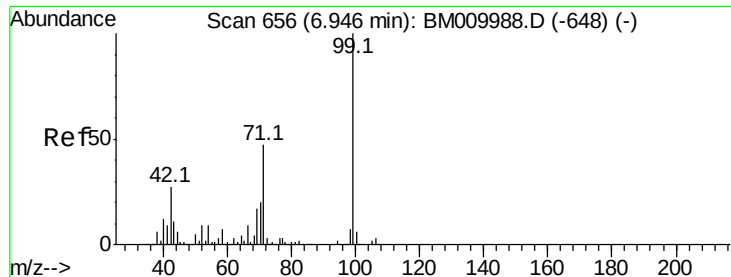


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 127.17 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010035.D

Acq: 12 May 2017 22:05

Instrument :

BNA_M

ClientSampleId :

IDW-GAC3-170510

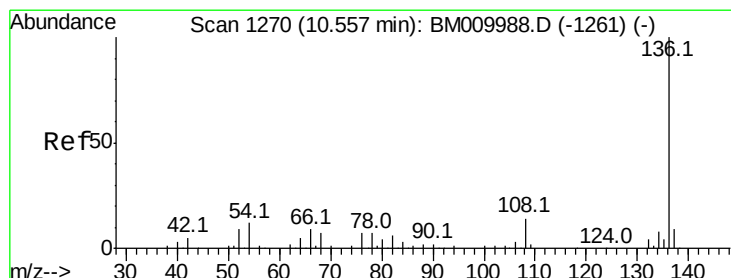
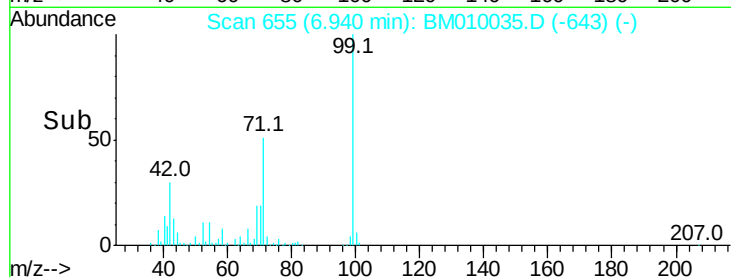
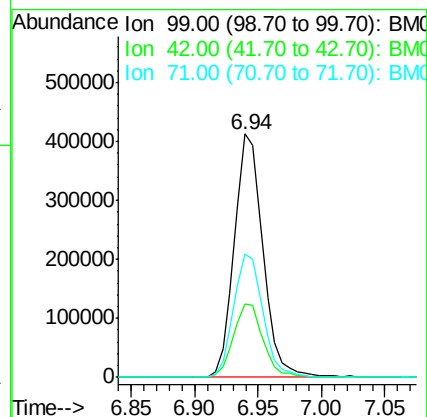
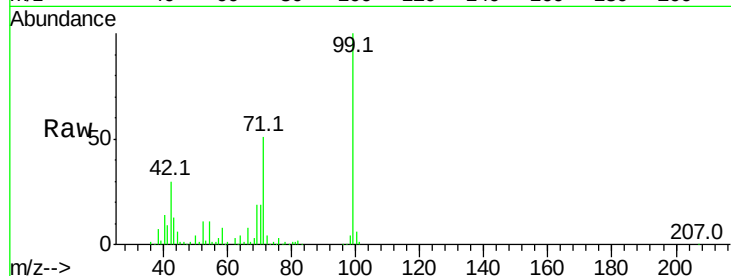
Tot Ion: 99 Resp: 643903

Ion Ratio Lower Upper

99 100

42 30.2 11.0 16.4#

71 50.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.03 min

Lab File: BM010035.D

Acq: 12 May 2017 22:05

Tgt Ion: 136 Resp: 202131

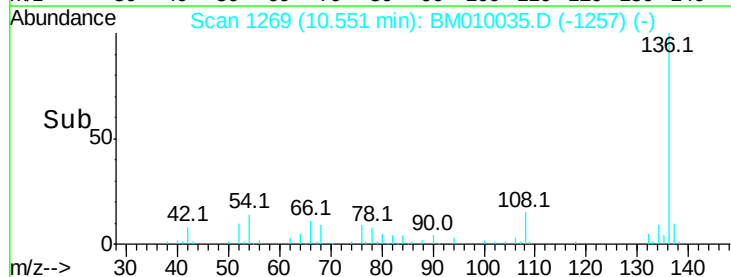
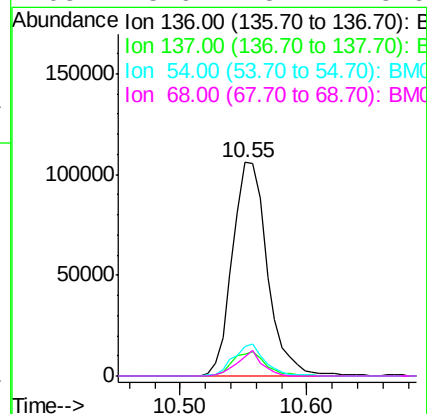
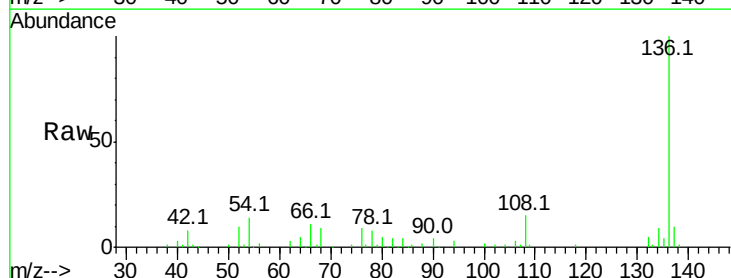
Ion Ratio Lower Upper

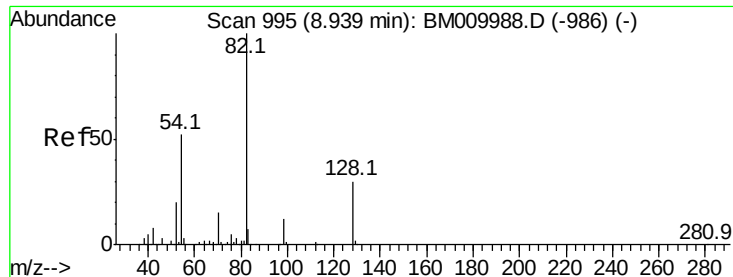
136 100

137 10.1 8.7 13.1

54 13.7 4.6 6.8#

68 8.9 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 110.75 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010035.D

Acq: 12 May 2017 22:05

Instrument :

BNA_M

ClientSampleId :

IDW-GAC3-170510

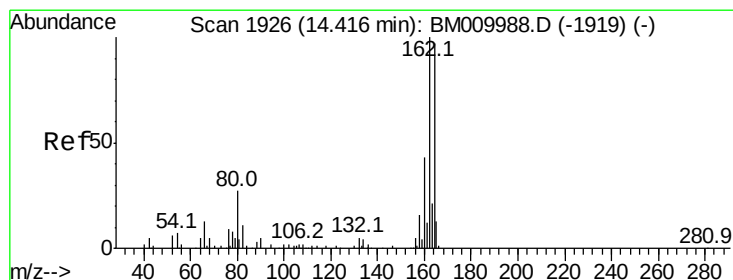
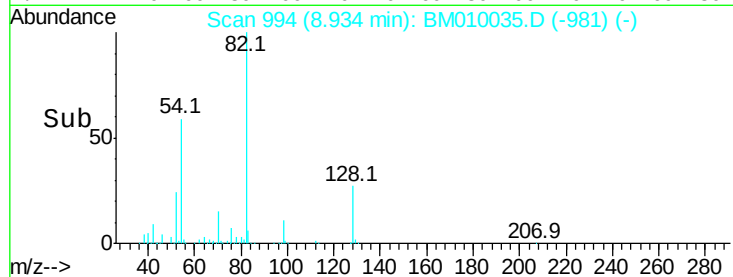
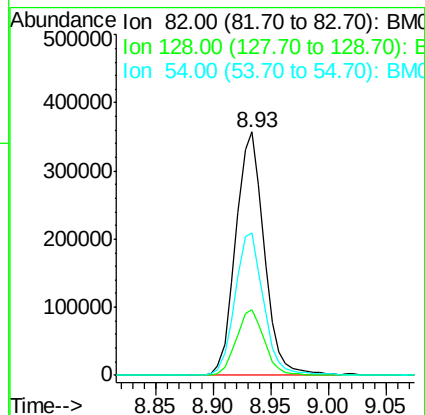
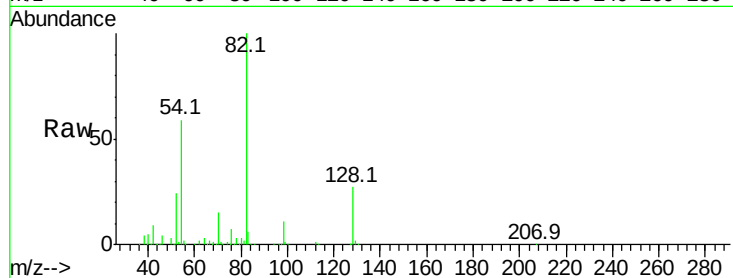
Tot Ion: 82 Resp: 612579

Ion Ratio Lower Upper

82 100

128 26.9 32.8 49.2#

54 58.7 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: BM010035.D

Acq: 12 May 2017 22:05

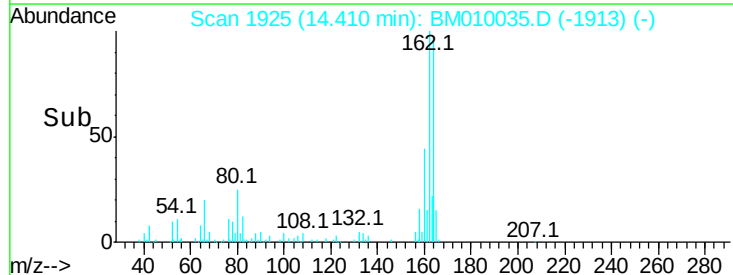
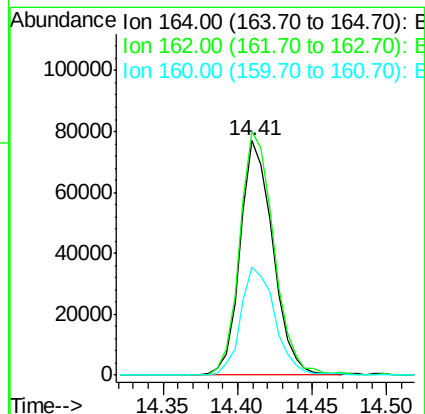
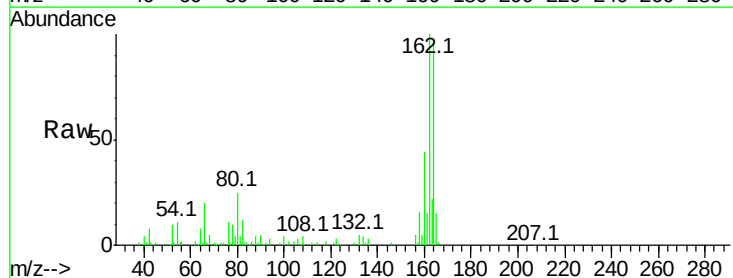
Tgt Ion: 164 Resp: 117613

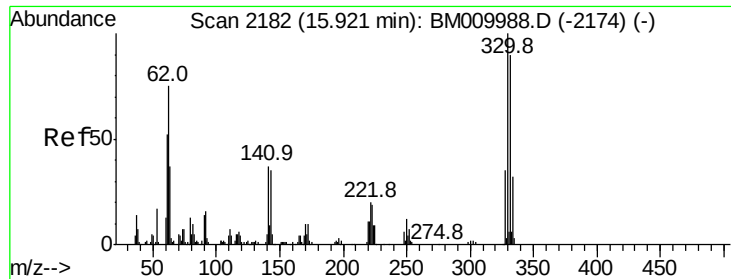
Ion Ratio Lower Upper

164 100

162 103.8 82.4 123.6

160 46.1 35.8 53.6

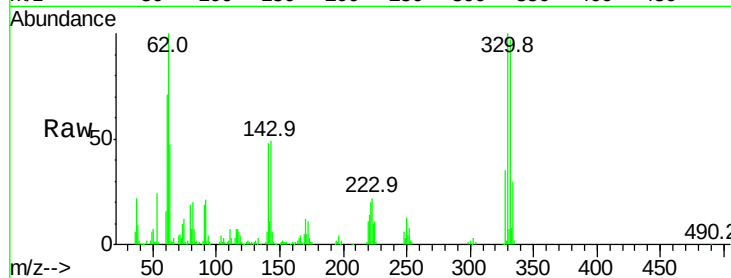




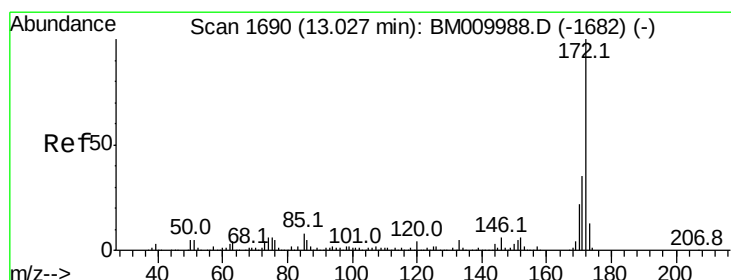
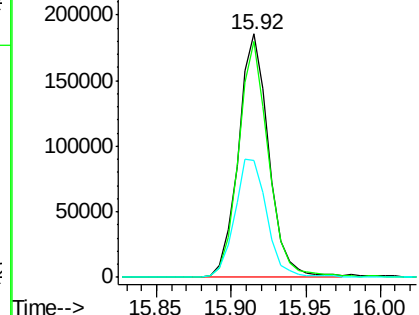
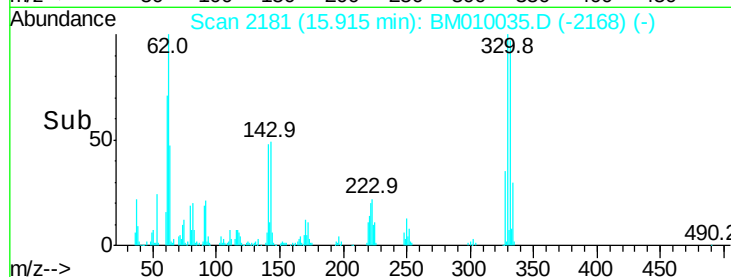
#41
2,4,6-Tribromophenol
Concen: 164.00 ng
RT: 15.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BM010035.D
Acq: 12 May 2017 22:05

Instrument :
BNA_M
ClientSampleId :
IDW-GAC3-170510

Tot Ion:330 Resp: 263982
Ion Ratio Lower Upper
330 100
332 95.6 0.0 0.0#
141 51.6 0.0 0.0#

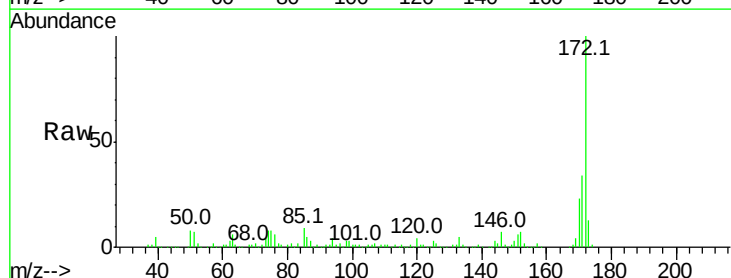


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

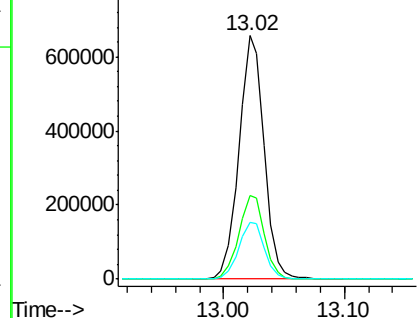
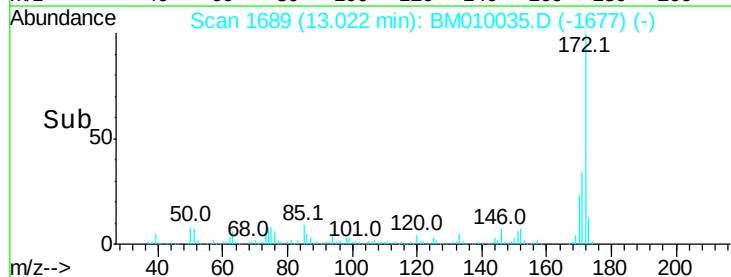


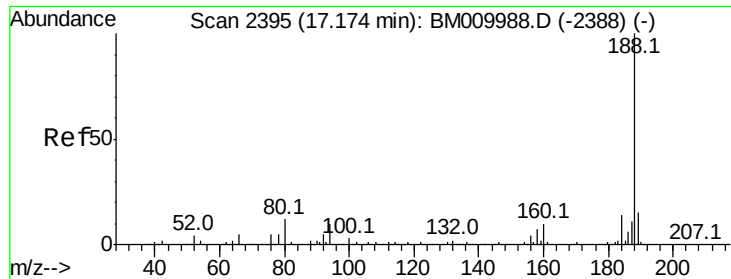
#44
2-Fluorobiphenyl
Concen: 108.08 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.03 min
Lab File: BM010035.D
Acq: 12 May 2017 22:05

Tgt Ion:172 Resp: 950521
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.4 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: 17.17 min Scan# 2394

Delta R.T. -0.03 min

Lab File: BM010035.D

Acq: 12 May 2017 22:05

Instrument :

BNA_M

ClientSampleId :

IDW-GAC3-170510

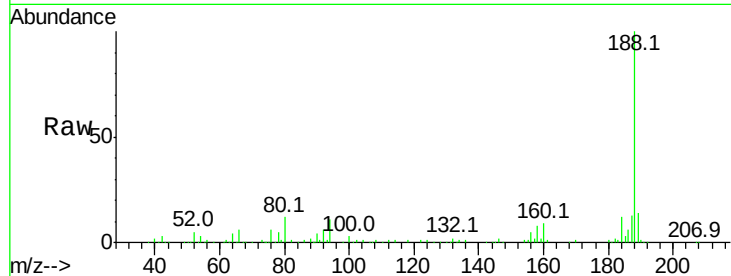
Tot Ion:188 Resp: 317511

Ion Ratio Lower Upper

188 100

94 10.8 8.7 13.1

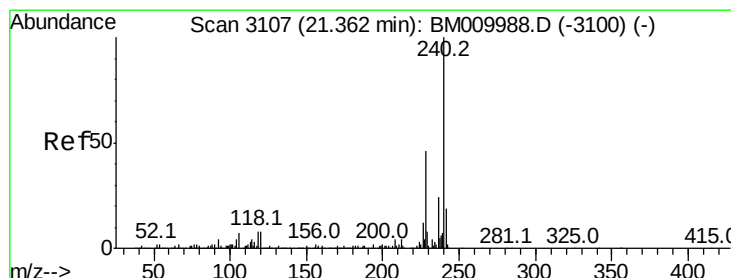
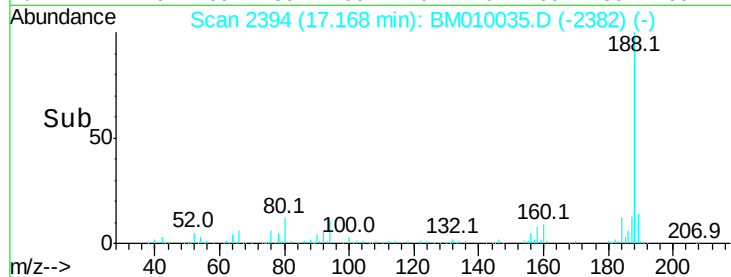
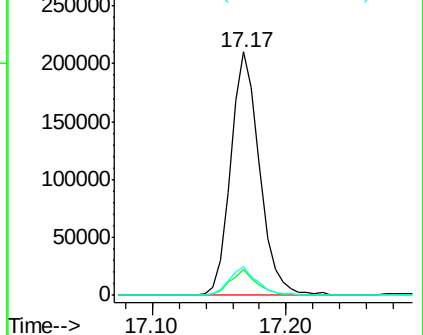
80 11.9 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010035.D

Acq: 12 May 2017 22:05

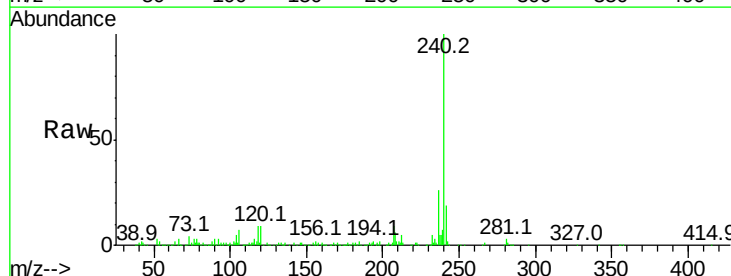
Tgt Ion:240 Resp: 404886

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

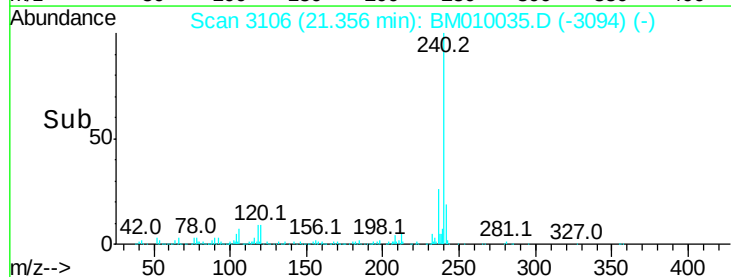
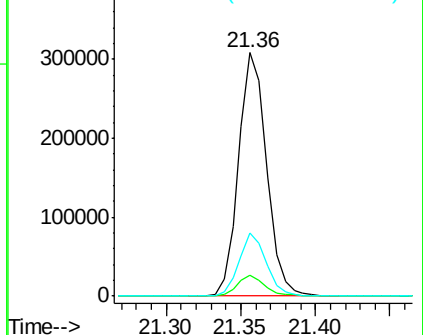
236 25.7 20.0 30.0

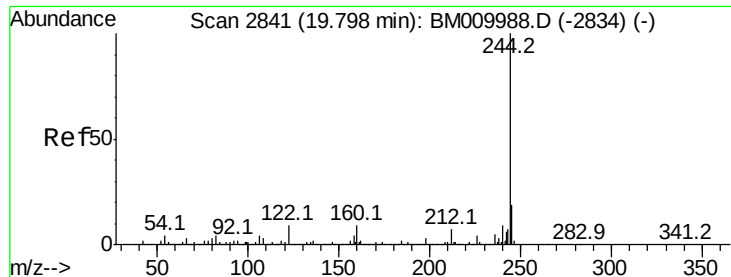


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.19 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010035.D

Acq: 12 May 2017 22:05

Instrument :

BNA_M

ClientSampleId :

IDW-GAC3-170510

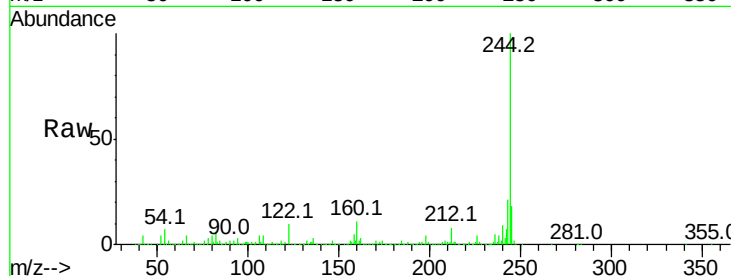
Tot Ion:244 Resp: 1943991

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

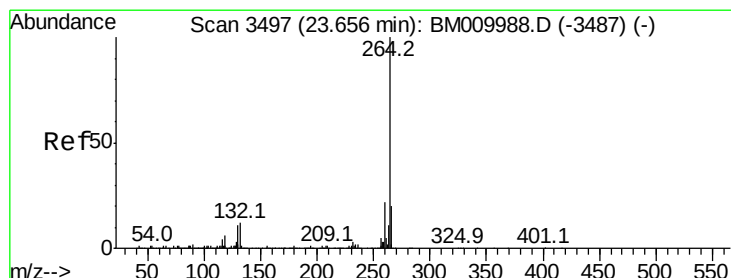
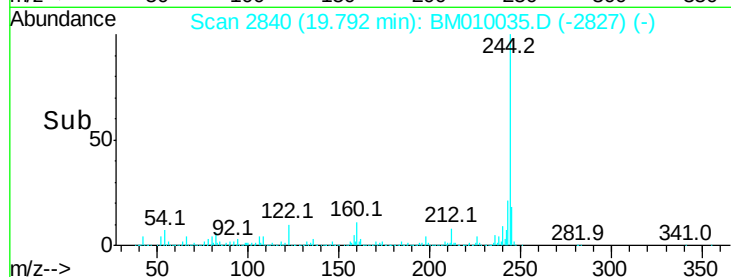
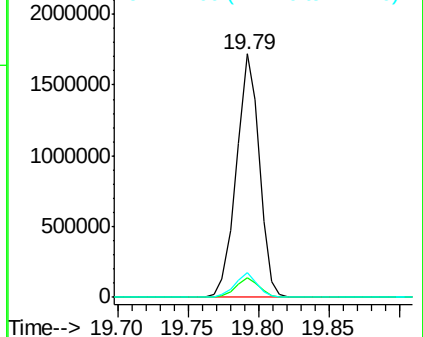
122 10.0 6.2 9.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.65 min Scan# 3496

Delta R.T. -0.04 min

Lab File: BM010035.D

Acq: 12 May 2017 22:05

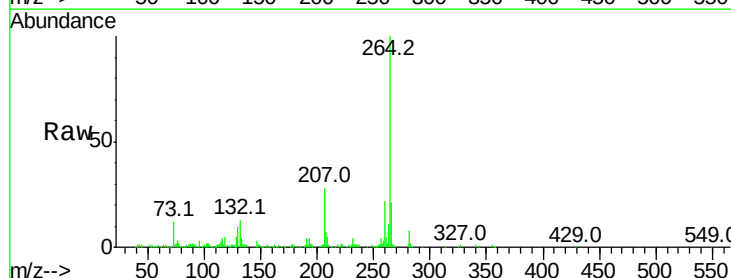
Tgt Ion:264 Resp: 332652

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

265 20.8 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

