

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
 Data File : BM010024.D
 Acq On : 12 May 2017 15:27
 Operator : SJ/MA
 Sample : PB98906TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98906TB

Quant Time: May 13 04:01:53 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	53864	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	227522	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	140242	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	328749	20.00	ng	-0.02
75) Chrysene-d12	21.36	240	301468	20.00	ng	-0.02
86) Perylene-d12	23.66	264	257554	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	584826	169.91	ng	-0.02
7) Phenol-d6	6.95	99	825074	149.60	ng	-0.02
23) Nitrobenzene-d5	8.93	82	581287	93.37	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	255401	133.07	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1024509	97.70	ng	-0.02
78) Terphenyl-d14	19.79	244	1443529	100.92	ng	-0.02

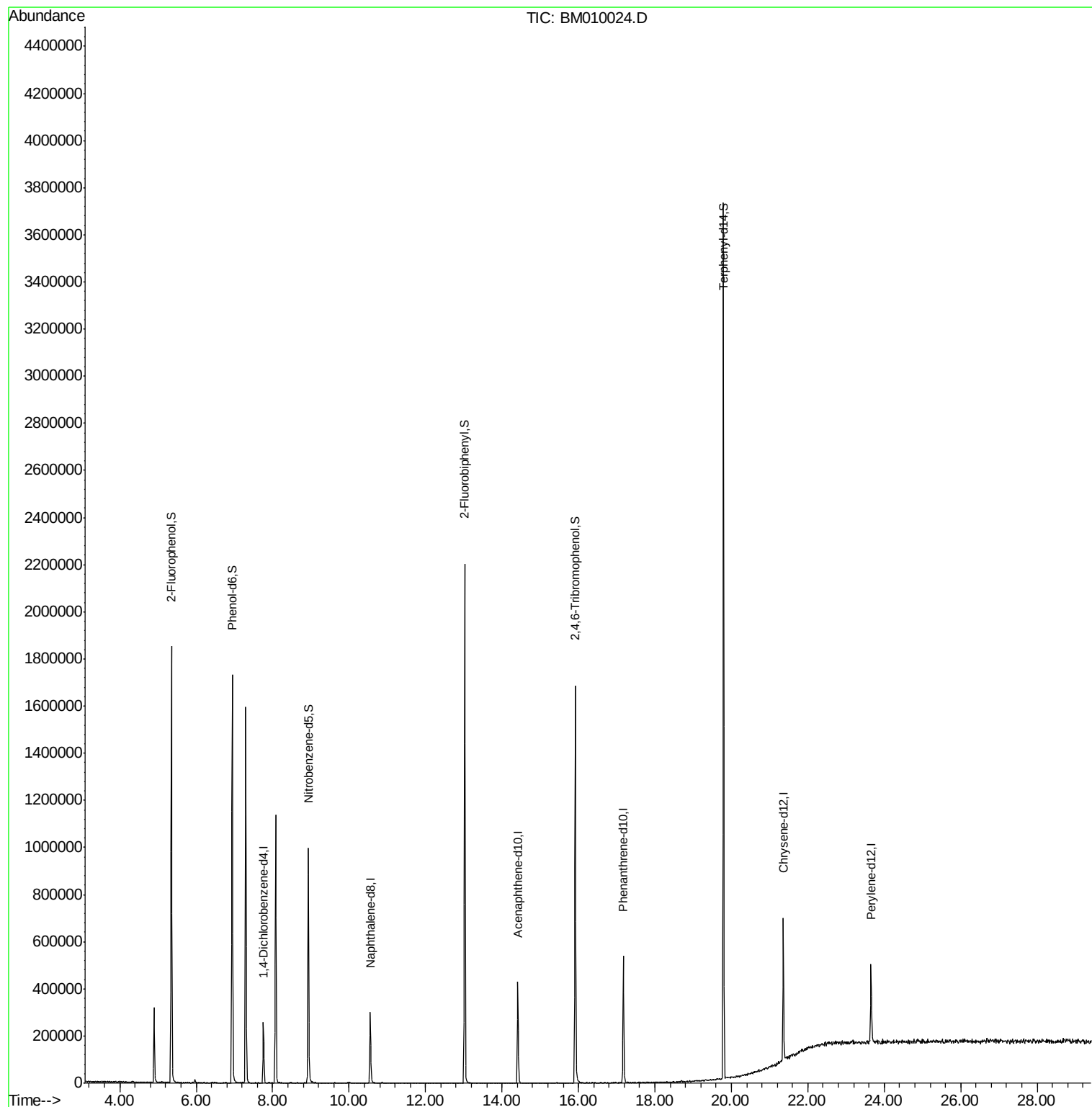
Target Compounds Qvalue

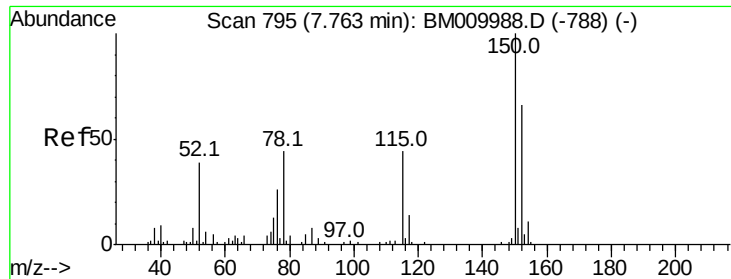
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010024.D

Acq: 12 May 2017 15:27

Instrument :

BNA_M

ClientSampleId :

PB98906TB

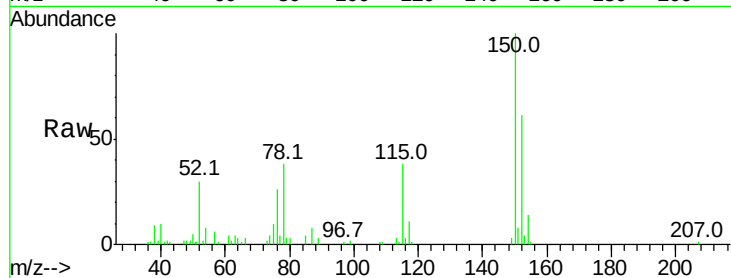
Tot Ion:152 Resp: 53864

Ion Ratio Lower Upper

152 100

150 162.7 119.5 179.3

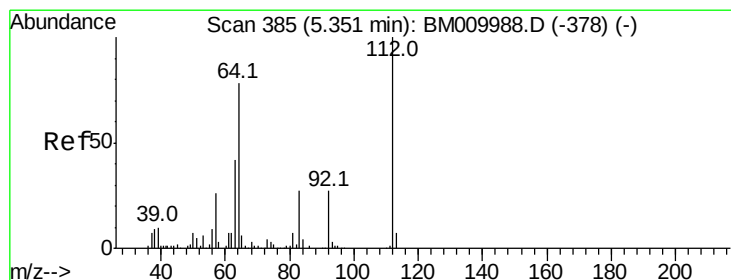
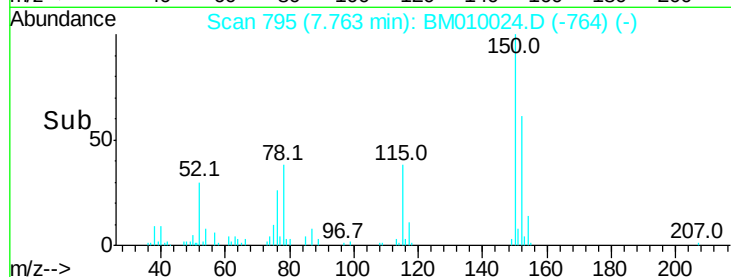
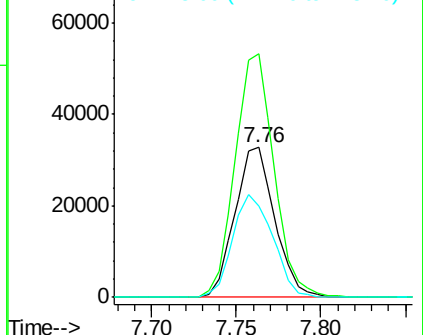
115 61.4 43.0 64.4



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: 169.91 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM010024.D

Acq: 12 May 2017 15:27

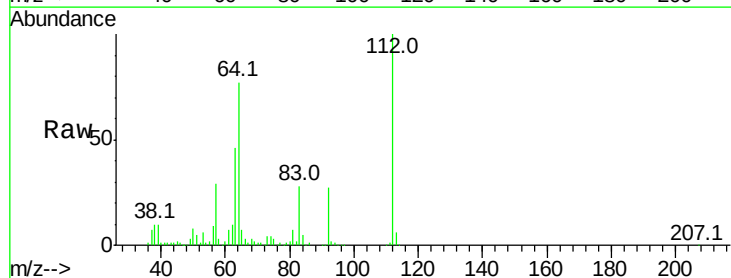
Tgt Ion:112 Resp: 584826

Ion Ratio Lower Upper

112 100

64 77.5 38.6 57.8#

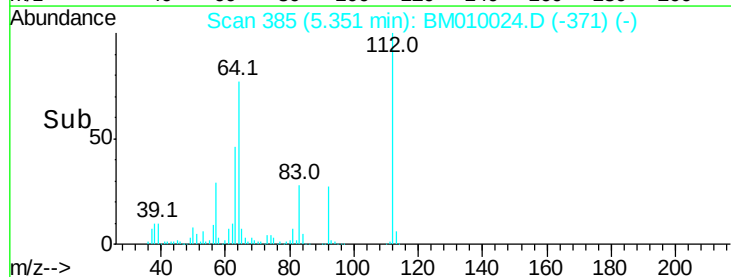
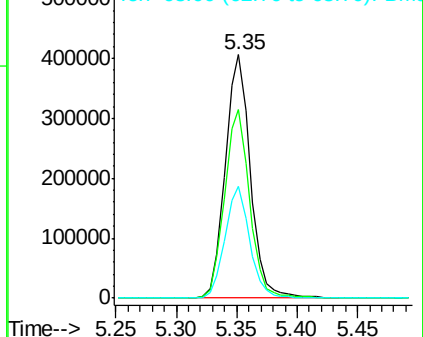
63 46.1 19.3 28.9#

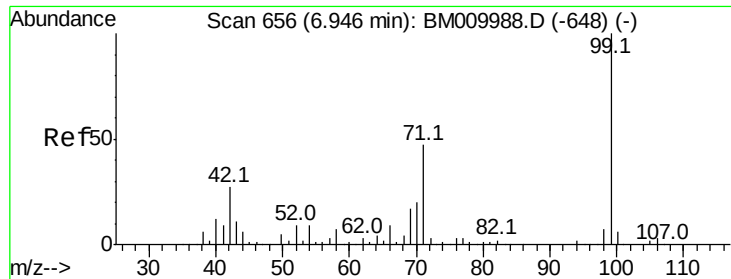


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 149.60 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM010024.D

Acq: 12 May 2017 15:27

Instrument :

BNA_M

ClientSampleId :

PB98906TB

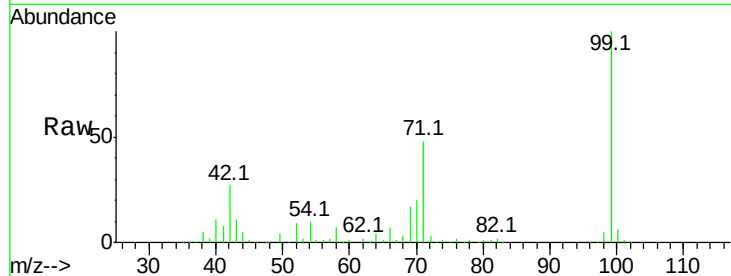
Tot Ion: 99 Resp: 825074

Ion Ratio Lower Upper

99 100

42 26.5 11.0 16.4#

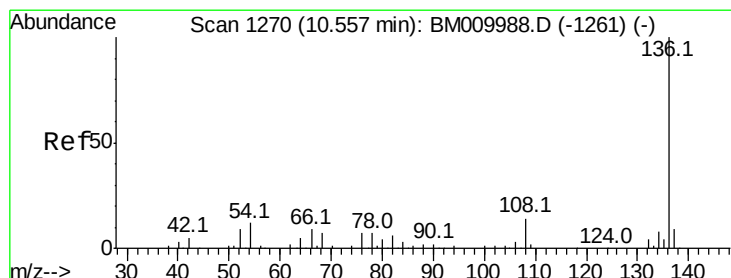
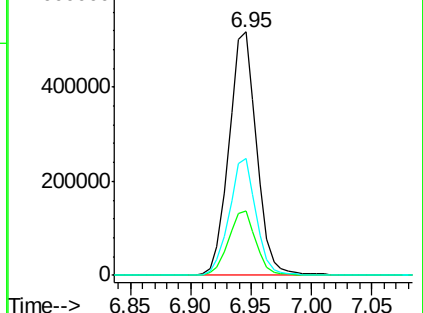
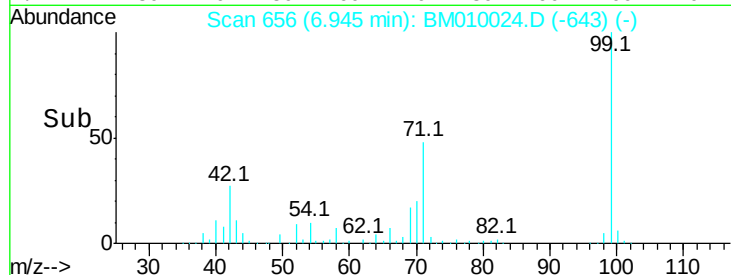
71 48.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010024.D (-643) (-)

Ion 42.00 (41.70 to 42.70): BM010024.D (-643) (-)

Ion 71.00 (70.70 to 71.70): BM010024.D (-643) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BM010024.D

Acq: 12 May 2017 15:27

Tgt Ion: 136 Resp: 227522

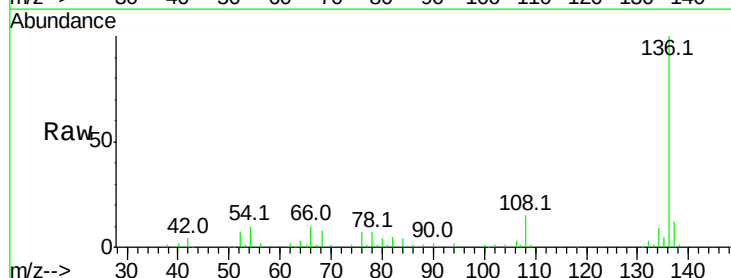
Ion Ratio Lower Upper

136 100

137 12.5 8.7 13.1

54 10.5 4.6 6.8#

68 8.3 3.7 5.5#

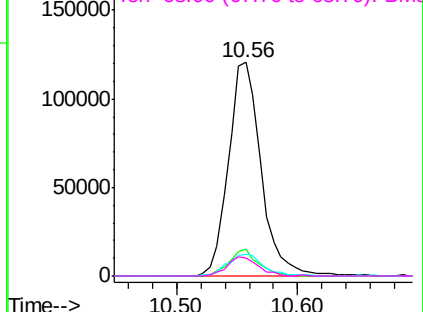
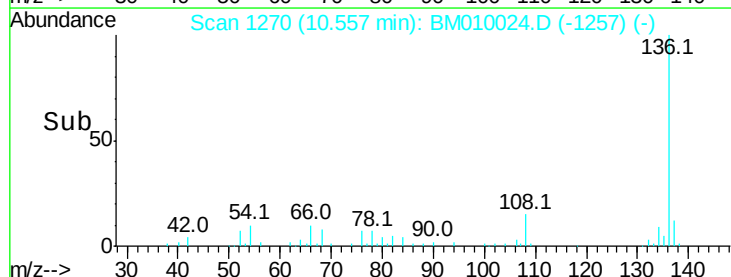


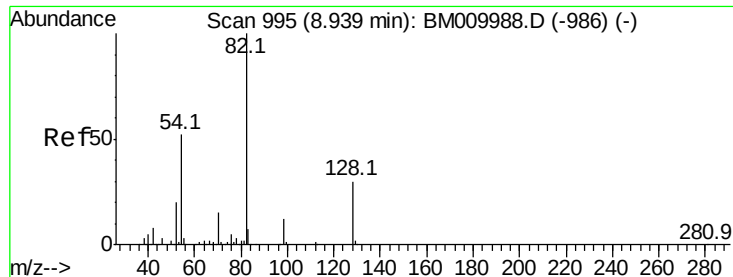
Abundance Ion 136.00 (135.70 to 136.70): BM010024.D (-1257) (-)

Ion 137.00 (136.70 to 137.70): BM010024.D (-1257) (-)

Ion 54.00 (53.70 to 54.70): BM010024.D (-1257) (-)

Ion 68.00 (67.70 to 68.70): BM010024.D (-1257) (-)





#23

Nitrobenzene-d5

Concen: 93.37 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010024.D

Acq: 12 May 2017 15:27

Instrument :

BNA_M

ClientSampleId :

PB98906TB

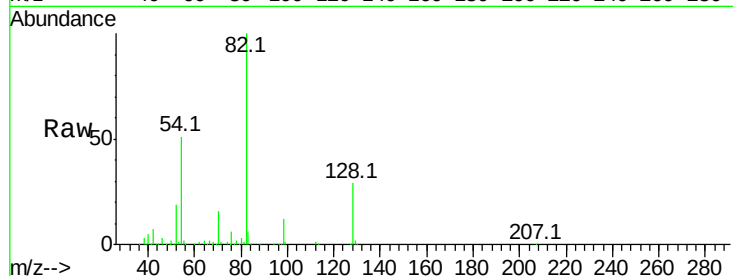
Tot Ion: 82 Resp: 581287

Ion Ratio Lower Upper

82 100

128 28.7 32.8 49.2#

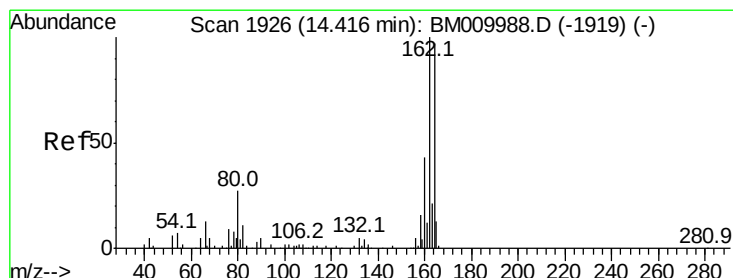
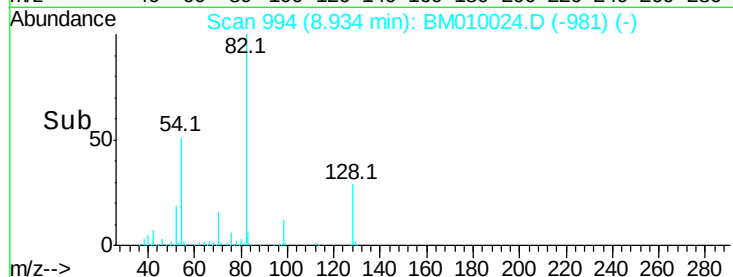
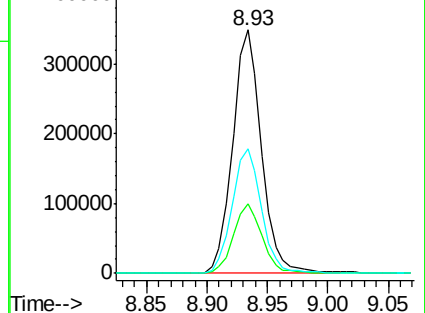
54 51.2 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM010024.D (-981) (-)

Ion 128.00 (127.70 to 128.70): BM010024.D (-981) (-)

Ion 54.00 (53.70 to 54.70): BM010024.D (-981) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BM010024.D

Acq: 12 May 2017 15:27

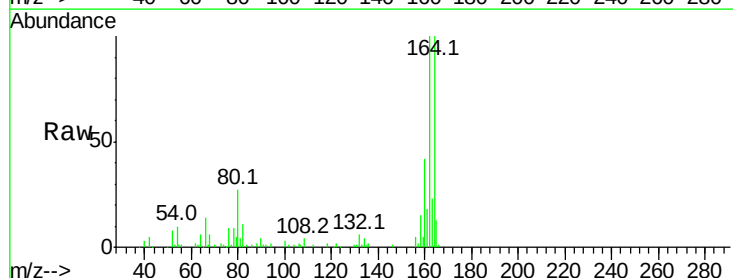
Tgt Ion: 164 Resp: 140242

Ion Ratio Lower Upper

164 100

162 100.2 82.4 123.6

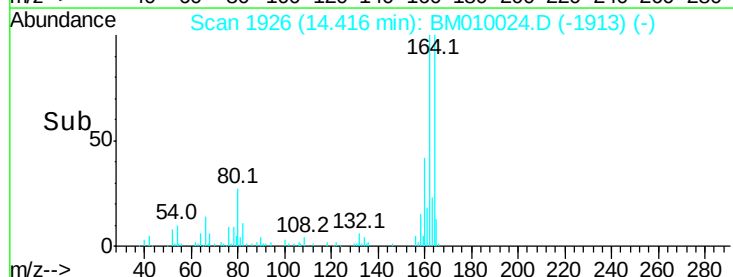
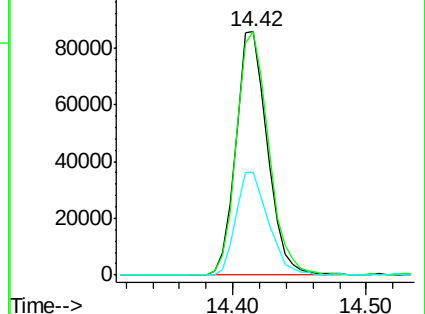
160 42.4 35.8 53.6

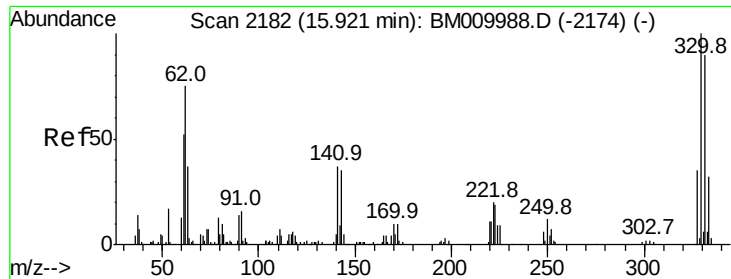


Abundance Ion 164.00 (163.70 to 164.70): BM010024.D (-1913) (-)

Ion 162.00 (161.70 to 162.70): BM010024.D (-1913) (-)

Ion 160.00 (159.70 to 160.70): BM010024.D (-1913) (-)





#41

2,4,6-Tribromophenol

Concen: 133.07 ng

RT: 15.92 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BM010024.D

Acq: 12 May 2017 15:27

Instrument :

BNA_M

ClientSampleId :

PB98906TB

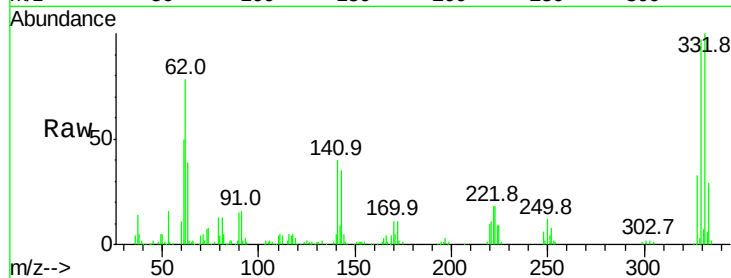
Tot Ion:330 Resp: 255401

Ion Ratio Lower Upper

330 100

332 99.0 0.0 0.0#

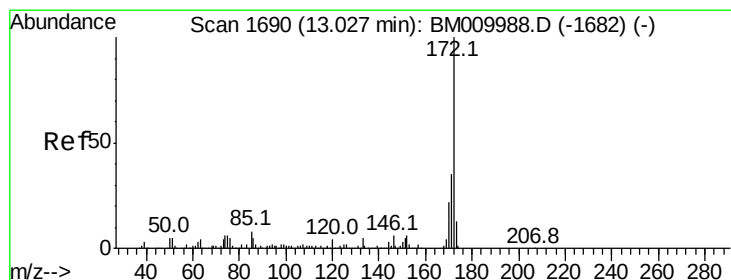
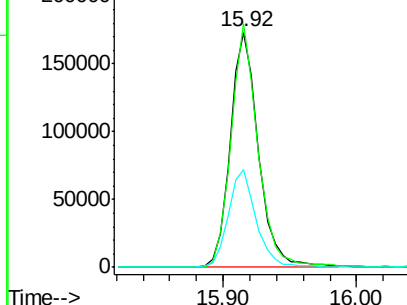
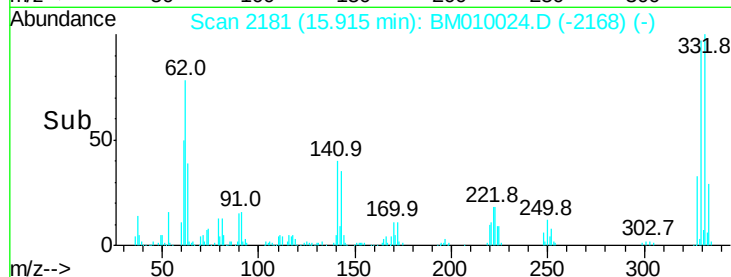
141 41.6 0.0 0.0#



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: 97.70 ng

RT: 13.03 min Scan# 1690

Delta R.T. -0.02 min

Lab File: BM010024.D

Acq: 12 May 2017 15:27

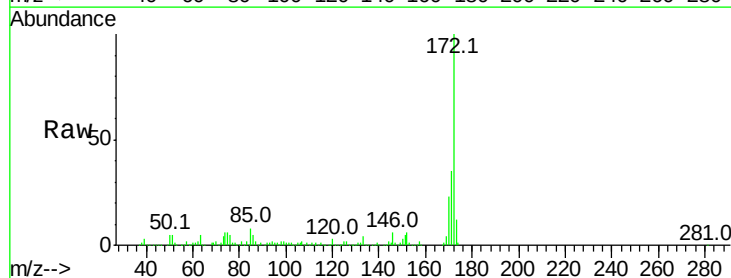
Tgt Ion:172 Resp: 1024509

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

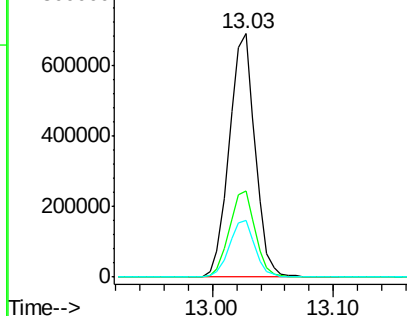
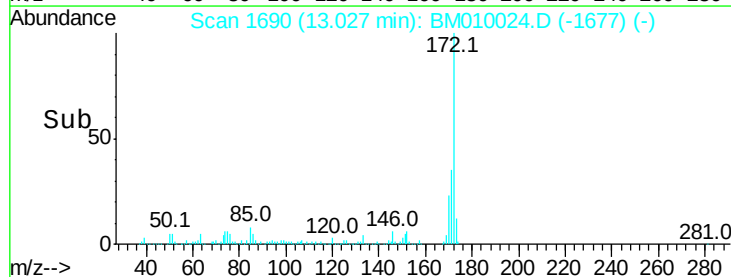
170 23.4 18.8 28.2

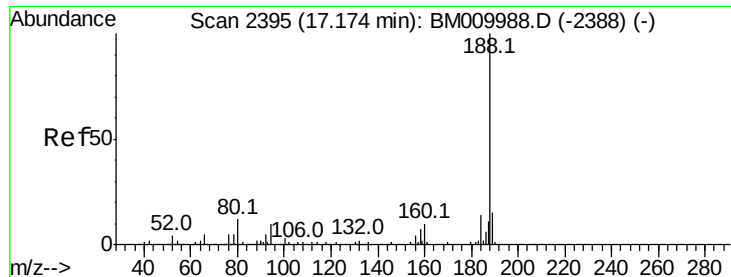


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

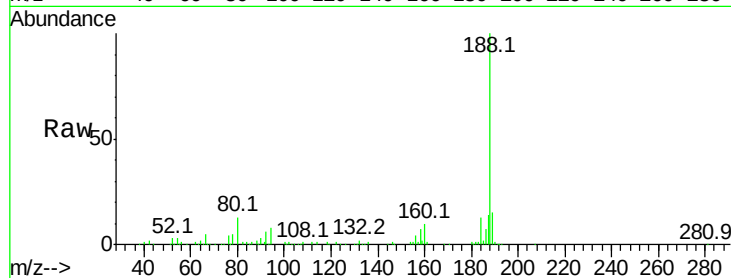




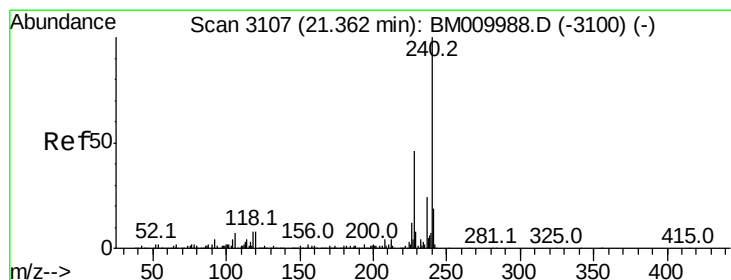
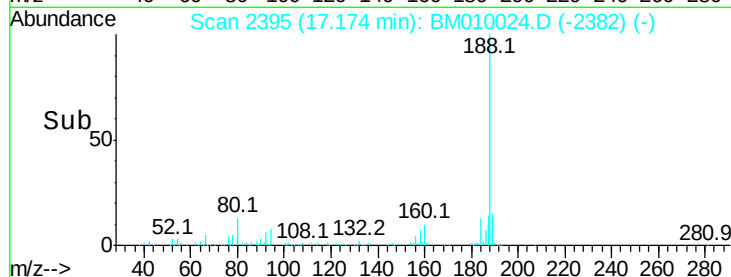
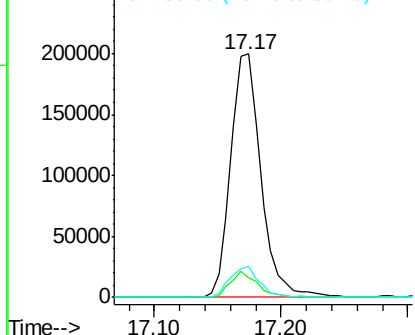
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2395
Delta R.T. -0.02 min
Lab File: BM010024.D
Acq: 12 May 2017 15:27

Instrument :
BNA_M
ClientSampleId :
PB98906TB

Tot Ion:188 Resp: 328749
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 12.6 9.3 13.9

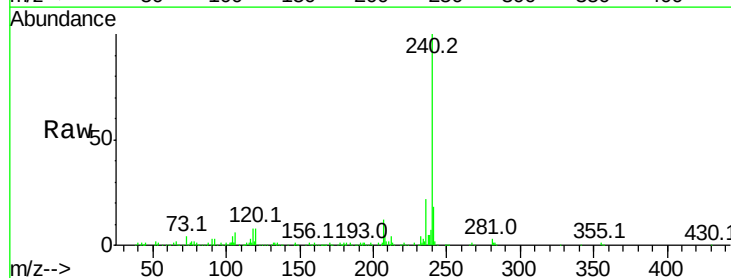


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

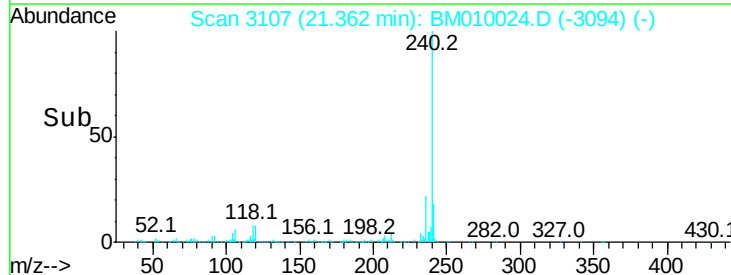
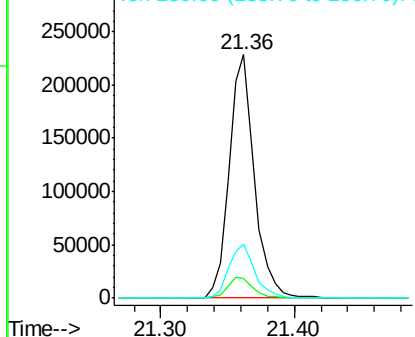


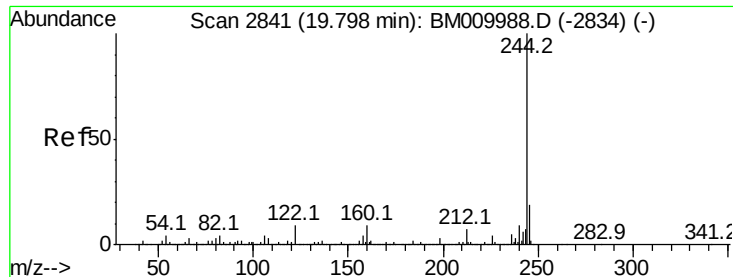
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM010024.D
Acq: 12 May 2017 15:27

Tgt Ion:240 Resp: 301468
Ion Ratio Lower Upper
240 100
120 7.9 8.2 12.2#
236 22.4 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: 100.92 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010024.D

Acq: 12 May 2017 15:27

Instrument :

BNA_M

ClientSampleId :

PB98906TB

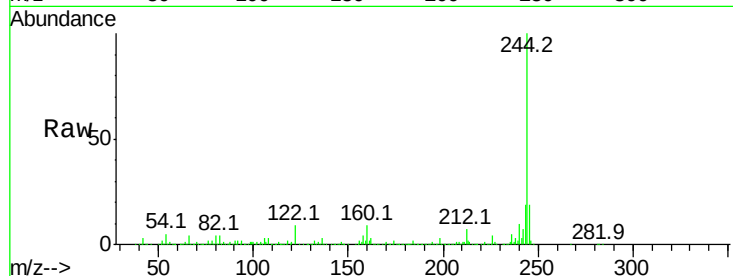
Tot Ion:244 Resp: 1443529

Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	9.4	6.2	9.4

244 100

212 7.0 4.9 7.3

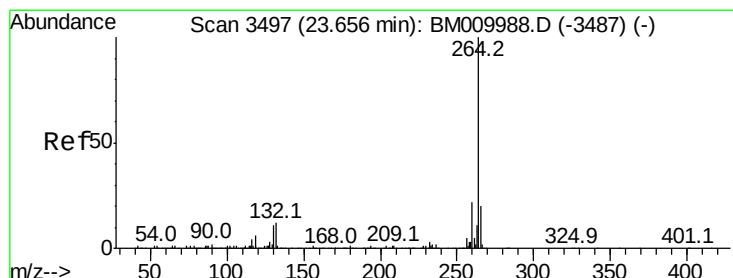
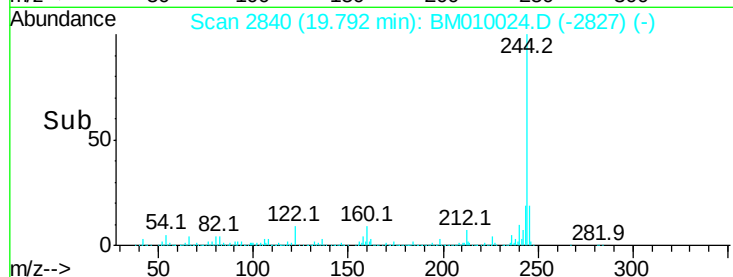
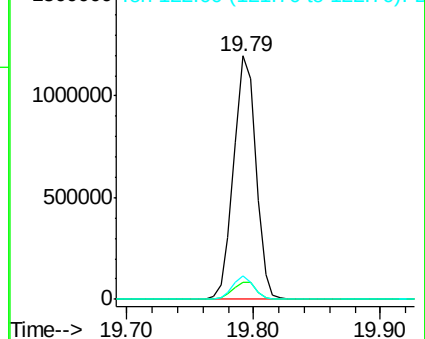
122 9.4 6.2 9.4



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

Perylene-d12

Concen: 20.00 ng

RT: 23.66 min Scan# 3497

Delta R.T. -0.04 min

Lab File: BM010024.D

Acq: 12 May 2017 15:27

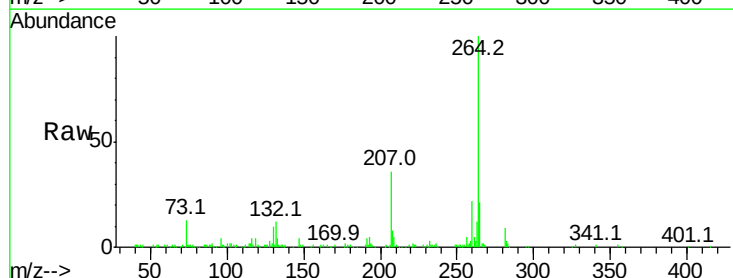
Tgt Ion:264 Resp: 257554

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.6	27.8
265	21.0	17.3	25.9

264 100

260 21.9 18.6 27.8

265 21.0 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

