

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010003.D
 Acq On : 12 May 2017 02:18
 Operator : SJ/MA
 Sample : PB98864TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98864TB

Quant Time: May 12 07:00:26 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	57011	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	226968	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	150344	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	372632	20.00	ng	-0.02
75) Chrysene-d12	21.36	240	425664	20.00	ng	-0.02
86) Perylene-d12	23.66	264	326685	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	476606	130.82	ng	-0.02
7) Phenol-d6	6.95	99	716275	122.70	ng	-0.02
23) Nitrobenzene-d5	8.93	82	501097	80.68	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	237946	115.64	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	892353	79.38	ng	-0.02
78) Terphenyl-d14	19.80	244	1574701	77.97	ng	-0.02

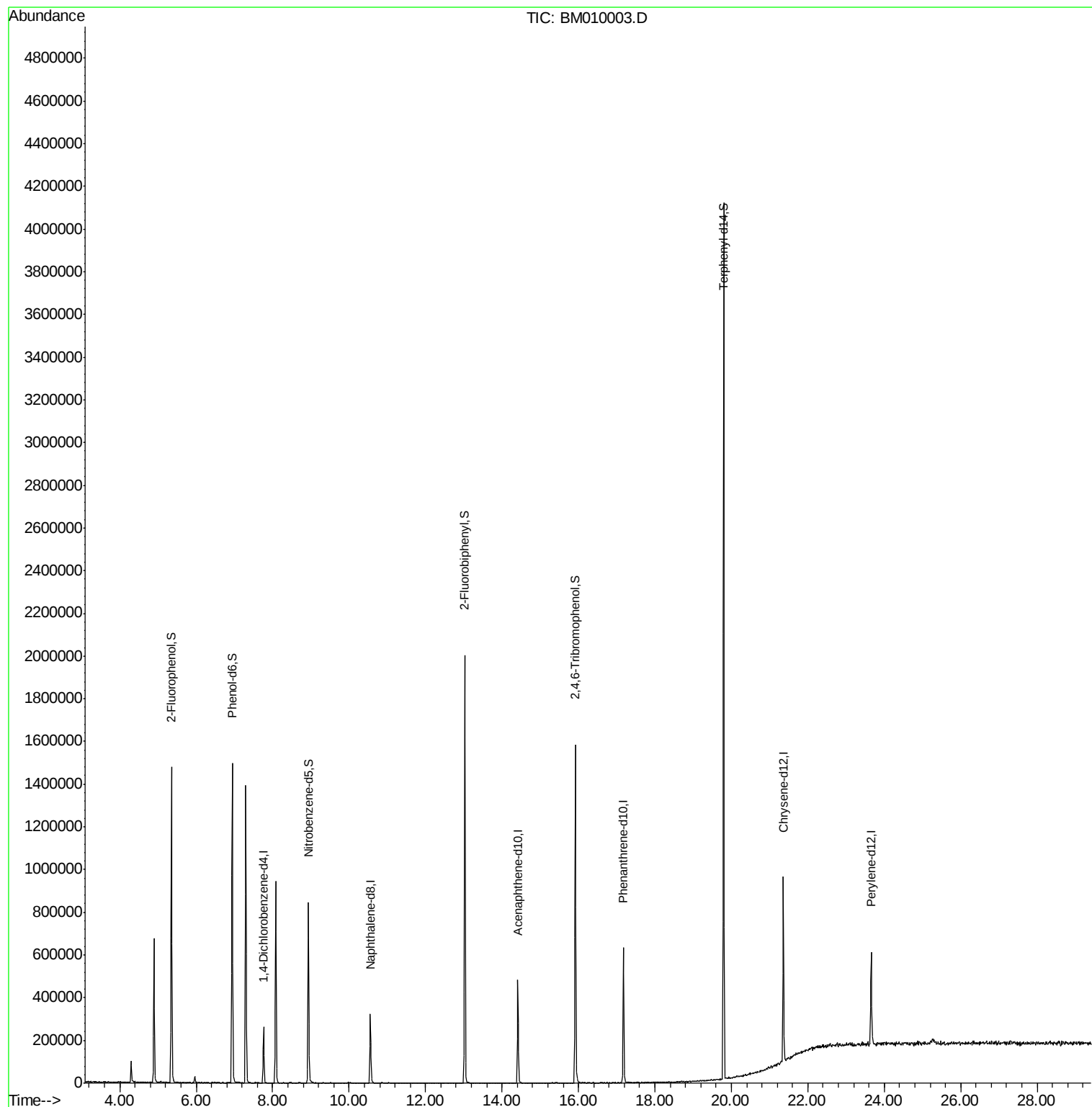
Target Compounds Qvalue

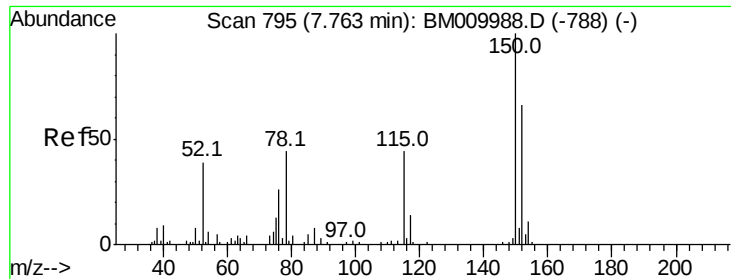
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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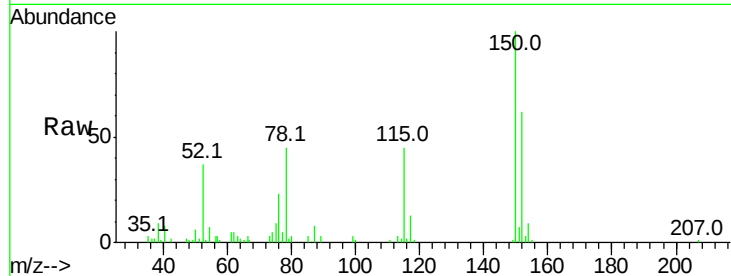


#1

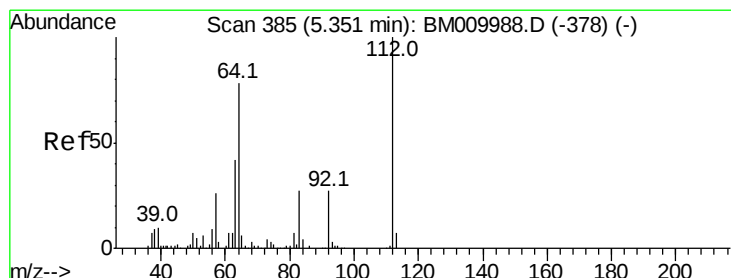
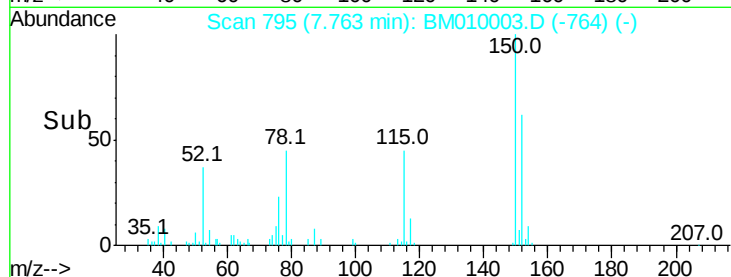
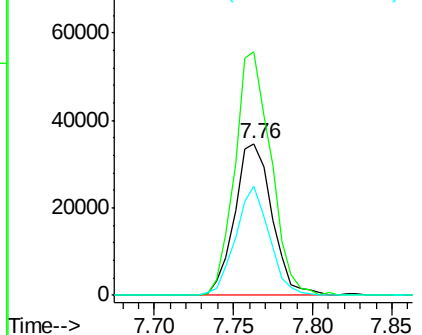
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM010003.D
Acq: 12 May 2017 02:18

Instrument :
BNA_M
ClientSampleId :
PB98864TB

Tot Ion:152 Resp: 57011
Ion Ratio Lower Upper
152 100
150 160.5 119.5 179.3
115 71.7 43.0 64.4#



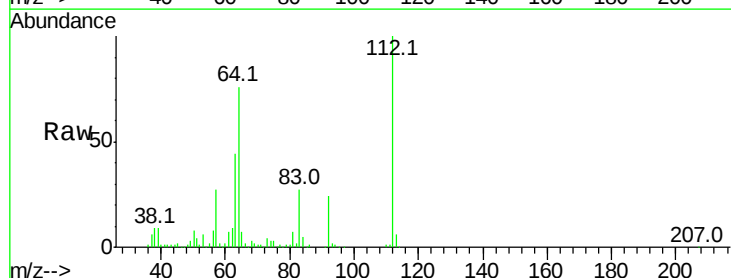
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



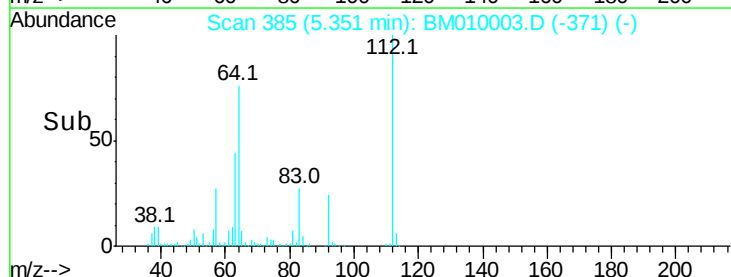
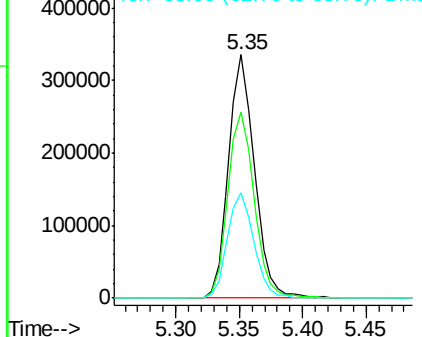
#5

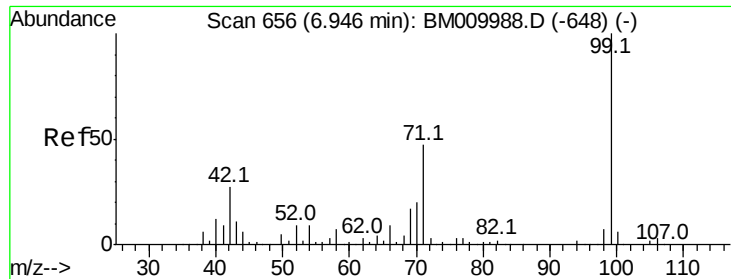
2-Fluorophenol
Concen: 130.82 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM010003.D
Acq: 12 May 2017 02:18

Tgt Ion:112 Resp: 476606
Ion Ratio Lower Upper
112 100
64 76.4 38.6 57.8#
63 43.5 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: 122.70 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM010003.D

Acq: 12 May 2017 02:18

Instrument :

BNA_M

ClientSampleId :

PB98864TB

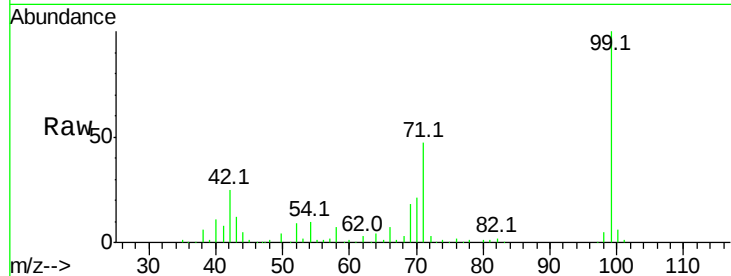
Tot Ion: 99 Resp: 716275

Ion Ratio Lower Upper

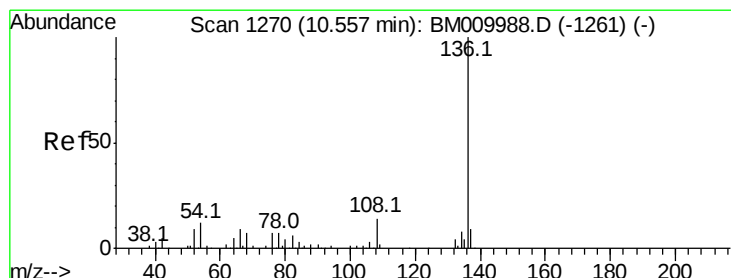
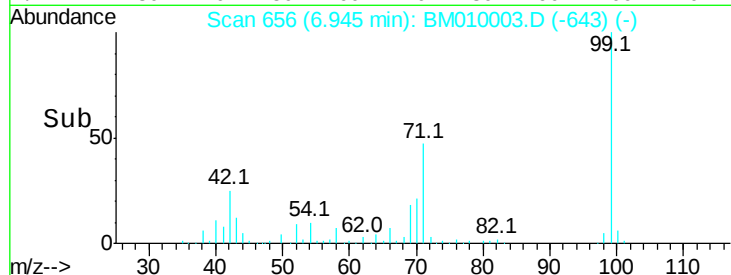
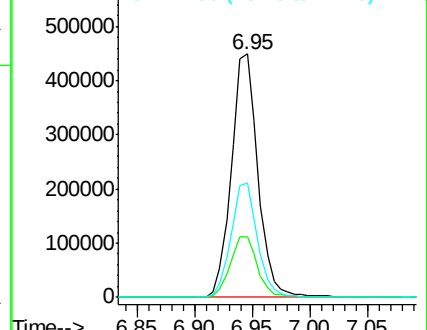
99 100

42 24.7 11.0 16.4#

71 46.9 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: BM010003.D

Acq: 12 May 2017 02:18

Tgt Ion: 136 Resp: 226968

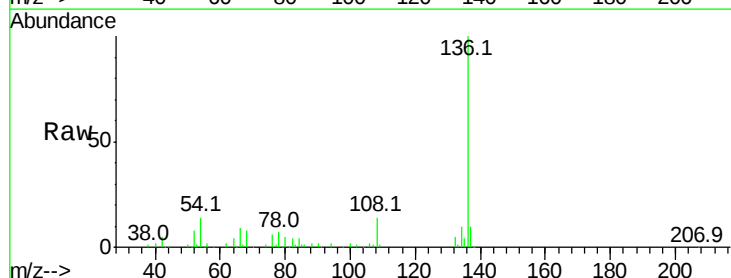
Ion Ratio Lower Upper

136 100

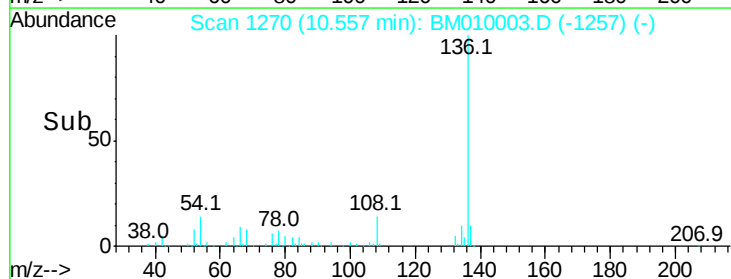
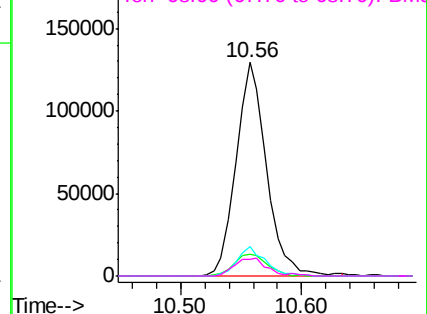
137 10.3 8.7 13.1

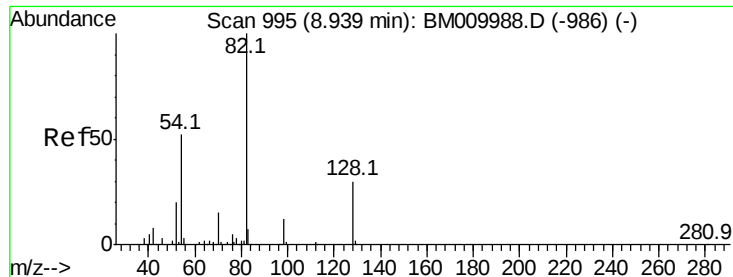
54 13.6 4.6 6.8#

68 8.0 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: 80.68 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BM010003.D

Acq: 12 May 2017 02:18

Instrument :

BNA_M

ClientSampleId :

PB98864TB

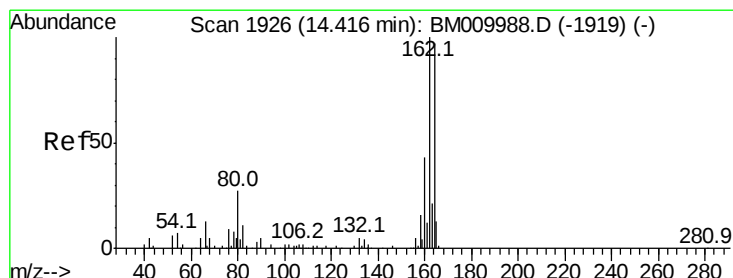
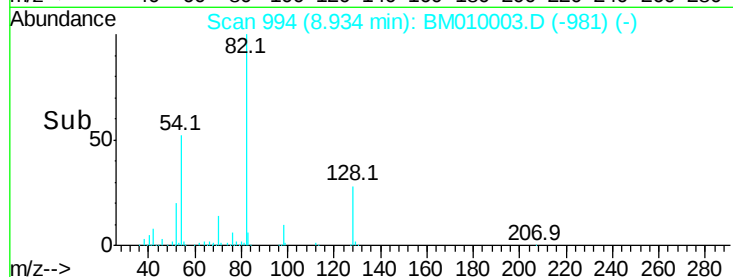
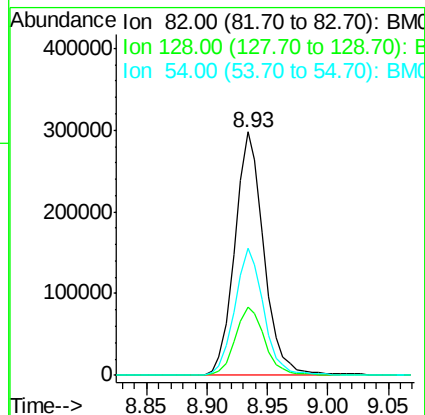
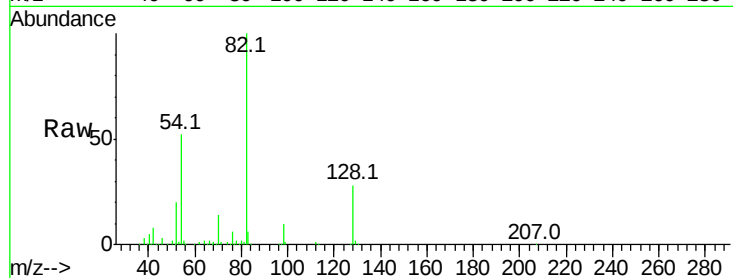
Tot Ion: 82 Resp: 501097

Ion Ratio Lower Upper

82 100

128 27.9 32.8 49.2#

54 52.5 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: BM010003.D

Acq: 12 May 2017 02:18

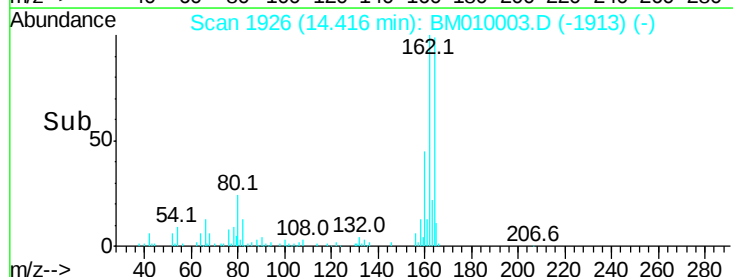
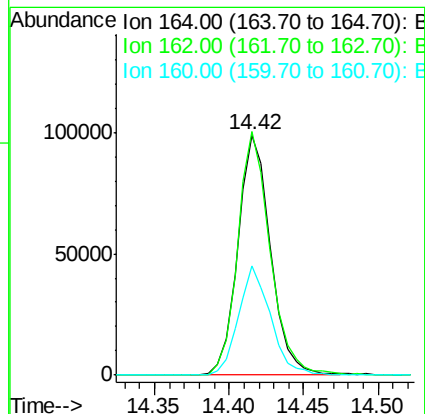
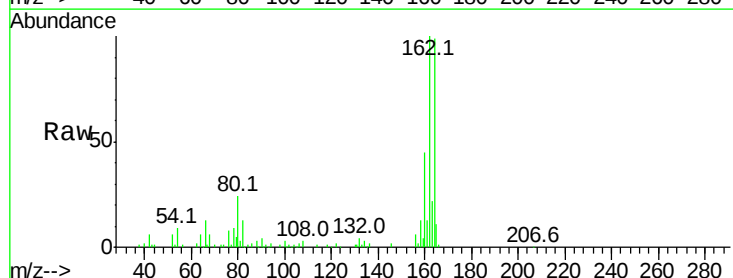
Tgt Ion: 164 Resp: 150344

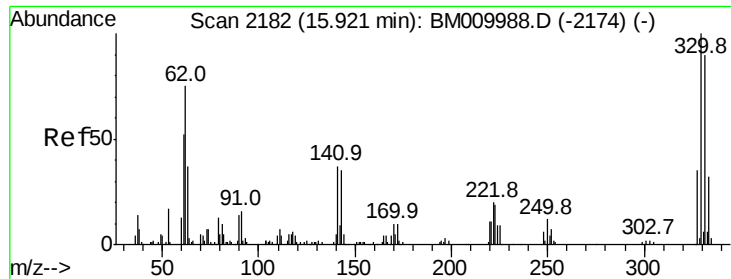
Ion Ratio Lower Upper

164 100

162 101.5 82.4 123.6

160 45.7 35.8 53.6

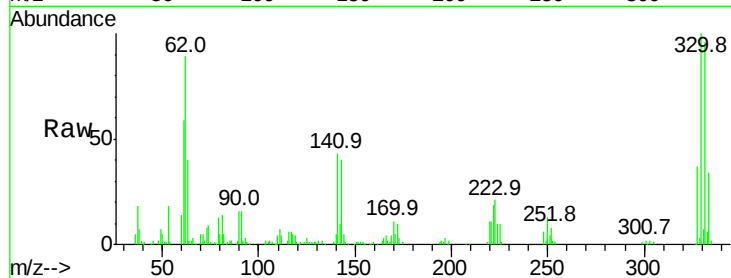




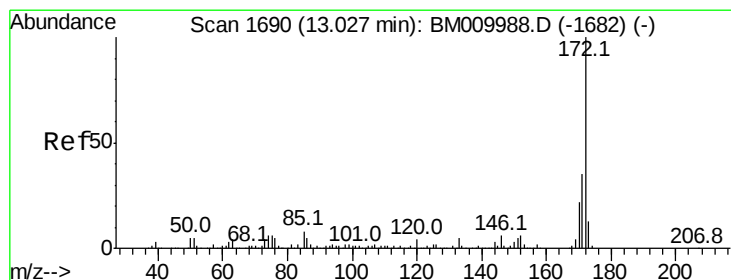
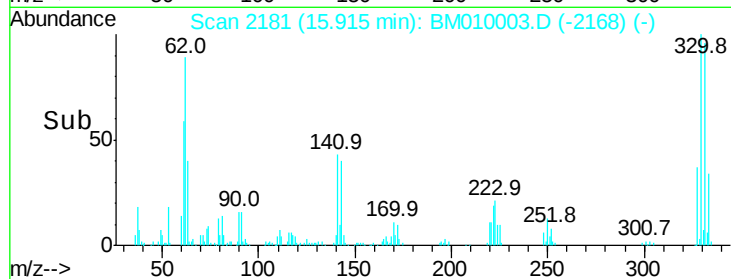
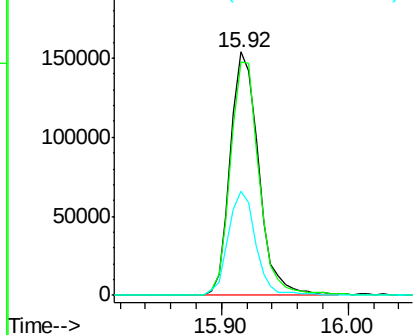
#41
 2,4,6-Tribromophenol
 Concen: 115.64 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010003.D
 Acq: 12 May 2017 02:18

Instrument :
 BNA_M
 ClientSampleId :
 PB98864TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	41.4	0.0	0.0#

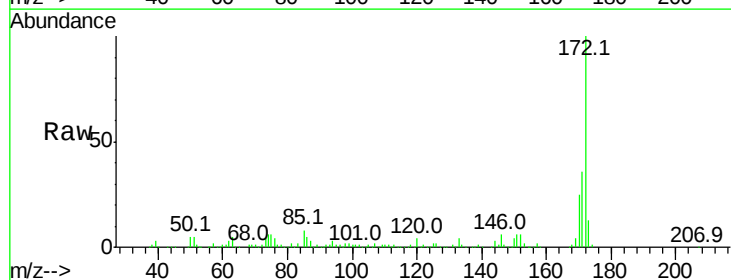


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

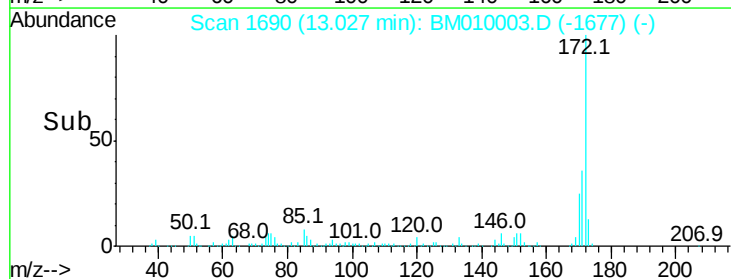
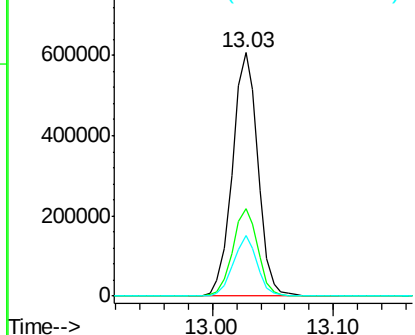


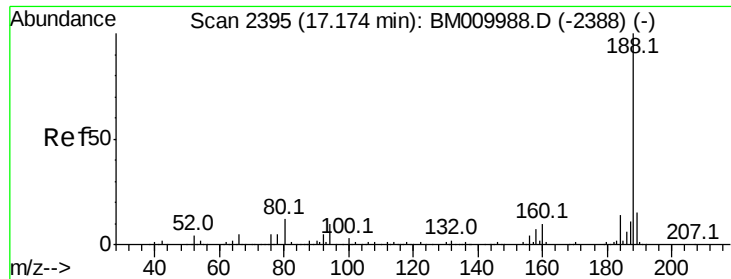
#44
 2-Fluorobiphenyl
 Concen: 79.38 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010003.D
 Acq: 12 May 2017 02:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.7	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

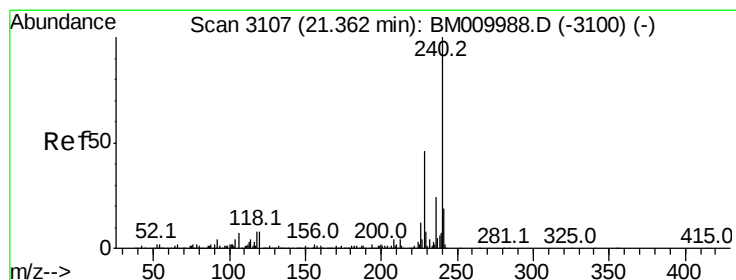
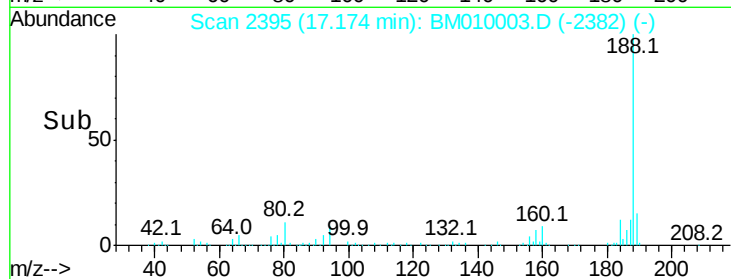
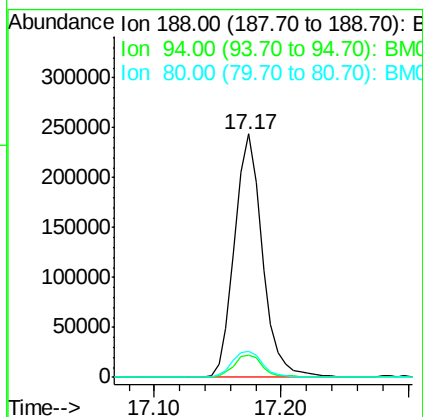
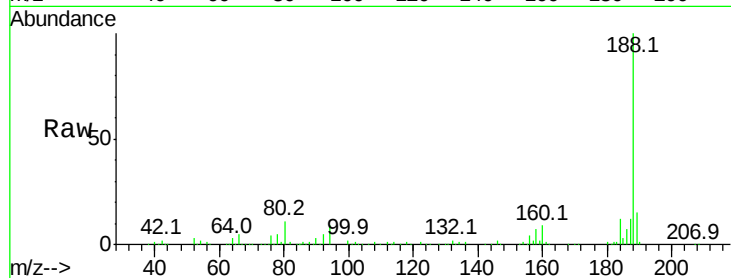




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2395
Delta R.T. -0.02 min
Lab File: BM010003.D
Acq: 12 May 2017 02:18

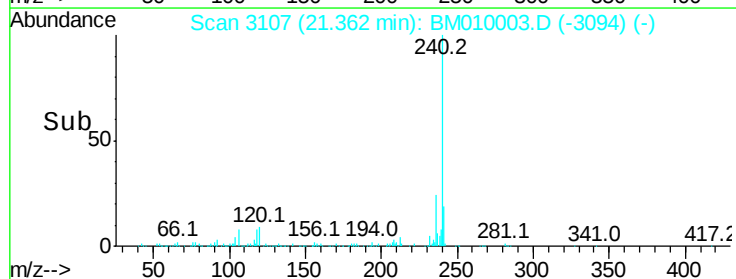
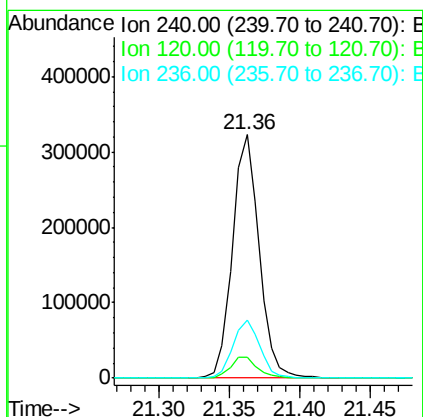
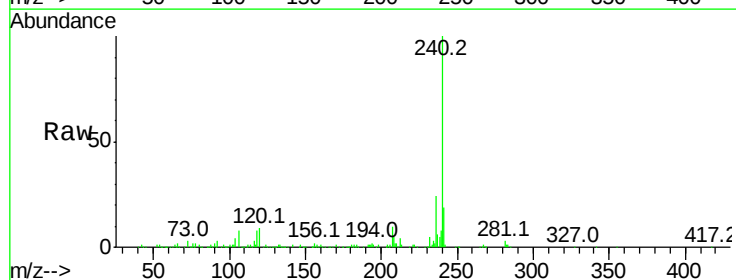
Instrument :
BNA_M
ClientSampleId :
PB98864TB

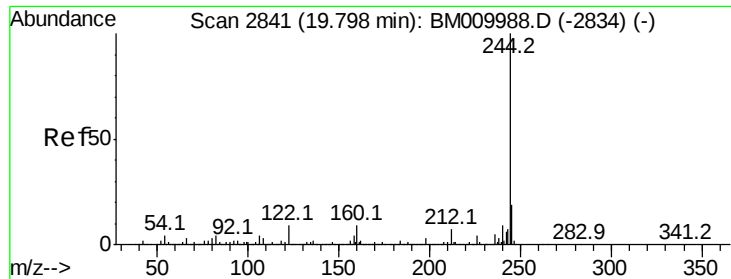
Tot Ion:188 Resp: 372632
Ion Ratio Lower Upper
188 100
94 9.2 8.7 13.1
80 10.6 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM010003.D
Acq: 12 May 2017 02:18

Tgt Ion:240 Resp: 425664
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.2
236 23.6 20.0 30.0





#78

Terphenyl-d14

Concen: 77.97 ng

RT: 19.80 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BM010003.D

Acq: 12 May 2017 02:18

Instrument :

BNA_M

ClientSampleId :

PB98864TB

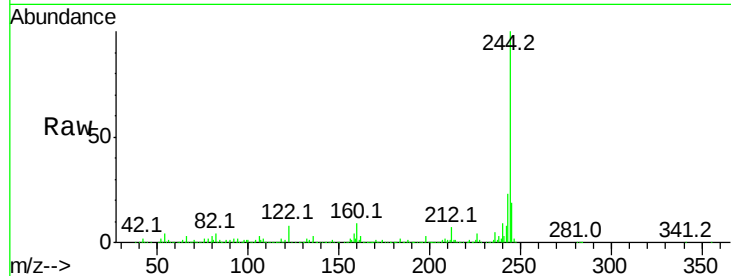
Tot Ion:244 Resp: 1574701

Ion Ratio Lower Upper

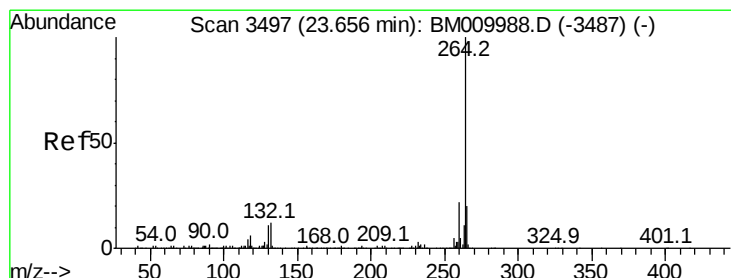
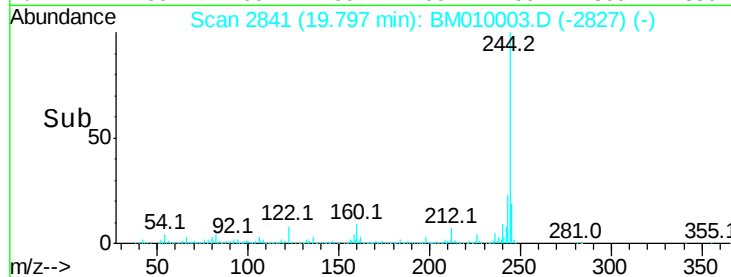
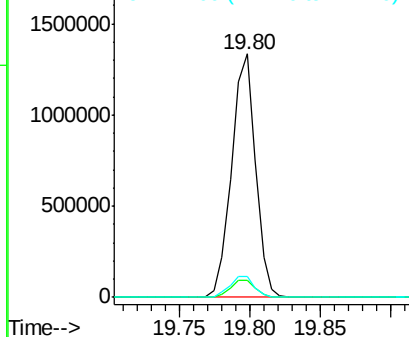
244 100

212 7.1 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

Perylene-d12

Concen: 20.00 ng

RT: 23.66 min Scan# 3497

Delta R.T. -0.04 min

Lab File: BM010003.D

Acq: 12 May 2017 02:18

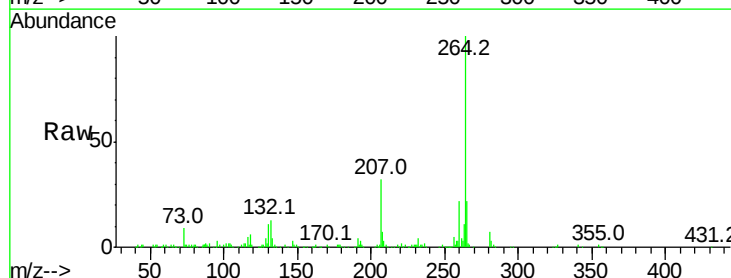
Tgt Ion:264 Resp: 326685

Ion Ratio Lower Upper

264 100

260 21.9 18.6 27.8

265 21.6 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

