

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010044.D
 Acq On : 15 May 2017 17:42
 Operator : SJ/MA
 Sample : PB98946BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98946BL

Quant Time: May 16 04:51:06 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	51037	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	197772	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	114184	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	271018	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	287962	20.00	ng	-0.03
86) Perylene-d12	23.66	264	239477	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	533037	163.44	ng	-0.02
7) Phenol-d6	6.94	99	750176	143.55	ng	-0.03
23) Nitrobenzene-d5	8.93	82	580661	107.30	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	220894	141.35	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	865738	101.39	ng	-0.03
78) Terphenyl-d14	19.79	244	1460462	106.89	ng	-0.02

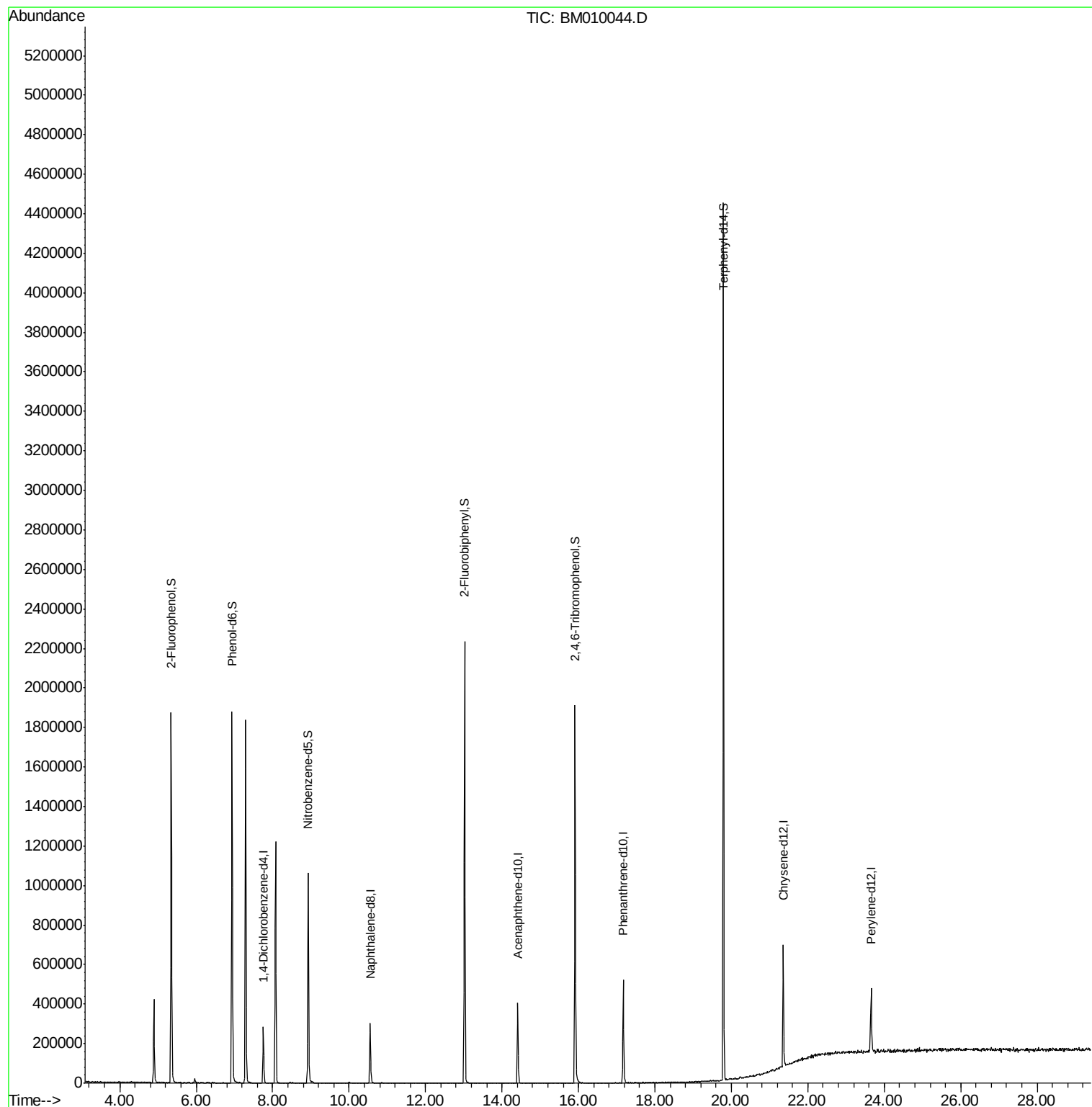
Target Compounds Qvalue

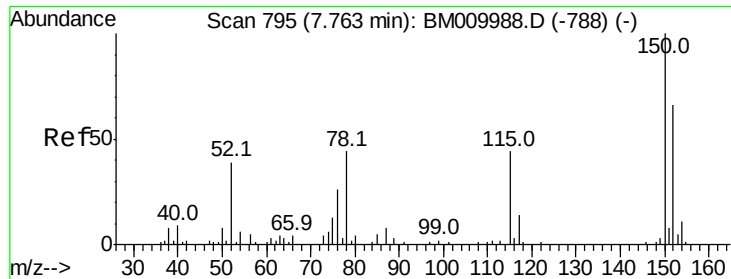
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM010044.D

Acq: 15 May 2017 17:42

Instrument :

BNA_M

ClientSampleId :

PB98946BL

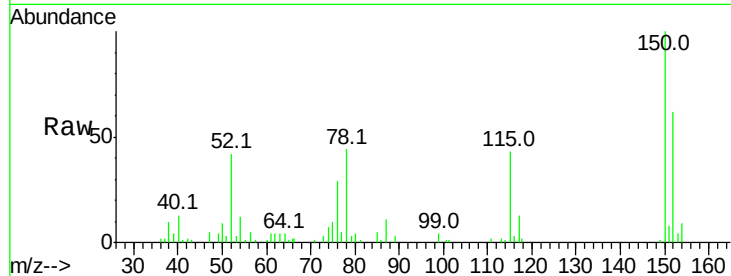
Tot Ion:152 Resp: 51037

Ion Ratio Lower Upper

152 100

150 162.5 119.5 179.3

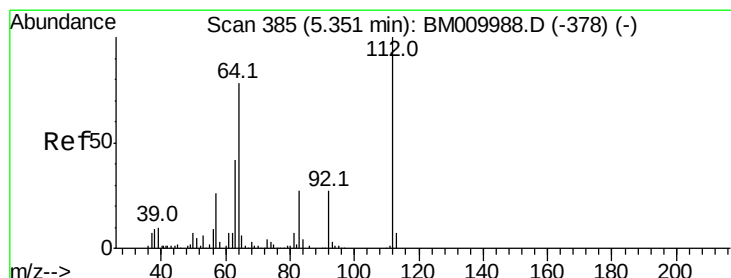
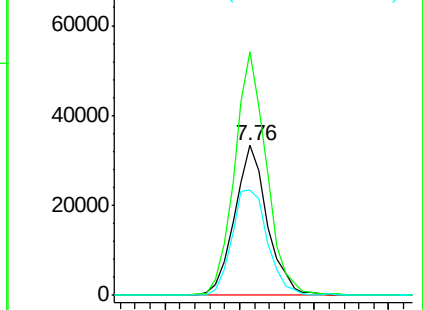
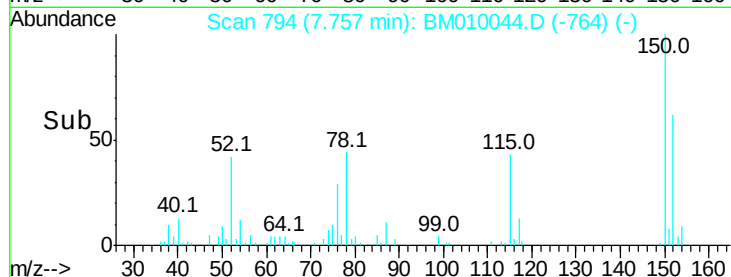
115 70.6 43.0 64.4#



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: 163.44 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010044.D

Acq: 15 May 2017 17:42

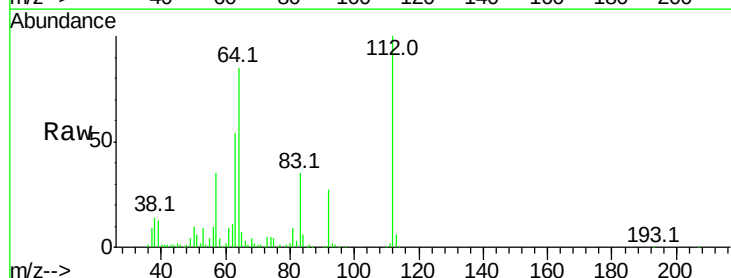
Tgt Ion:112 Resp: 533037

Ion Ratio Lower Upper

112 100

64 84.9 38.6 57.8#

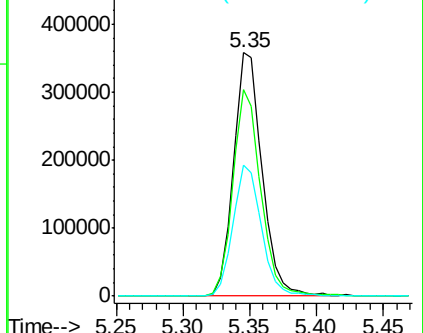
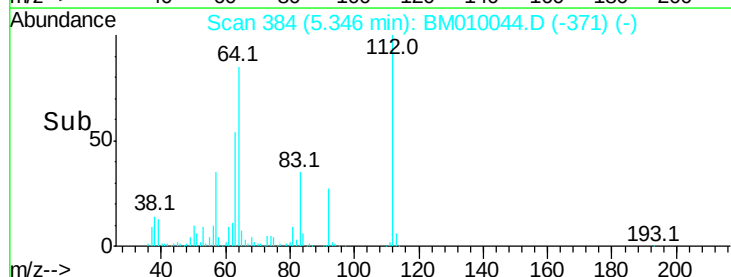
63 53.8 19.3 28.9#

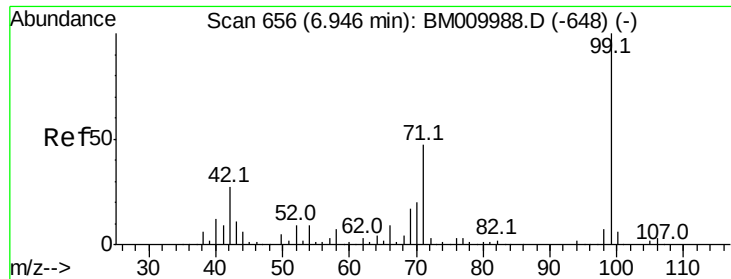


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 143.55 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010044.D

Acq: 15 May 2017 17:42

Instrument :

BNA_M

ClientSampleId :

PB98946BL

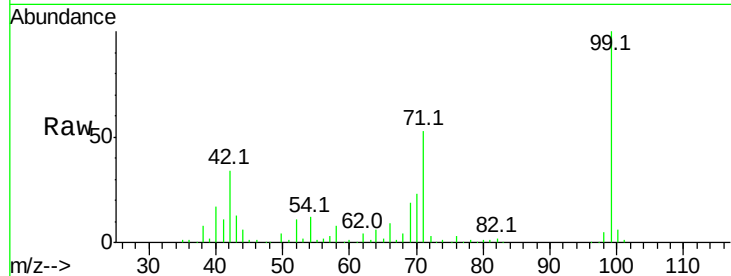
Tot Ion: 99 Resp: 750176

Ion Ratio Lower Upper

99 100

42 34.0 11.0 16.4#

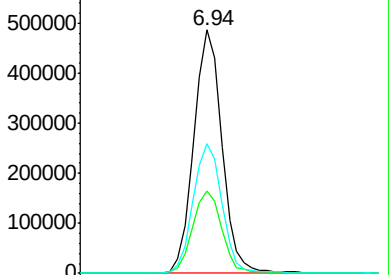
71 53.4 23.4 35.2#



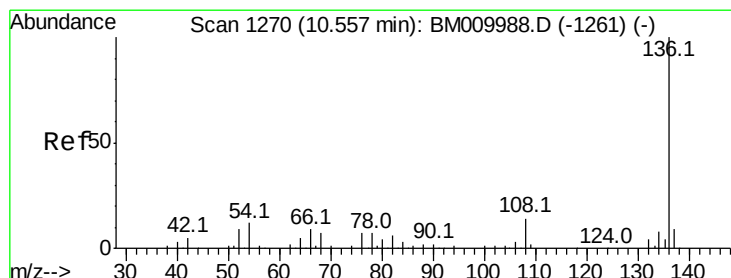
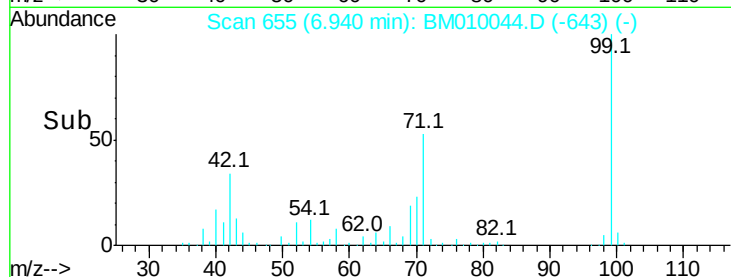
Abundance Ion 99.00 (98.70 to 99.70): BM009988.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM009988.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM009988.D (-648) (-)



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.03 min

Lab File: BM010044.D

Acq: 15 May 2017 17:42

Tgt Ion: 136 Resp: 197772

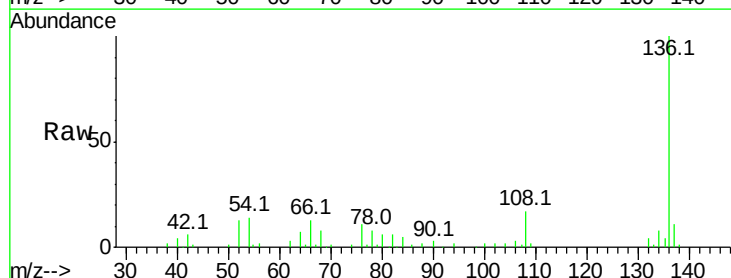
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 14.2 4.6 6.8#

68 8.5 3.7 5.5#

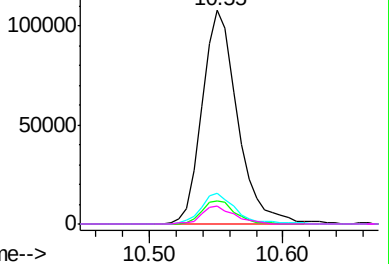


Abundance Ion 136.00 (135.70 to 136.70): BM009988.D (-1261) (-)

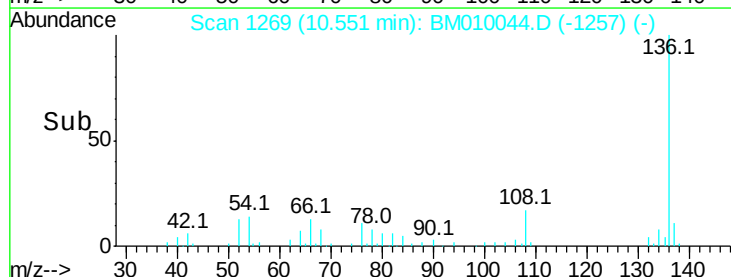
Ion 137.00 (136.70 to 137.70): BM009988.D (-1261) (-)

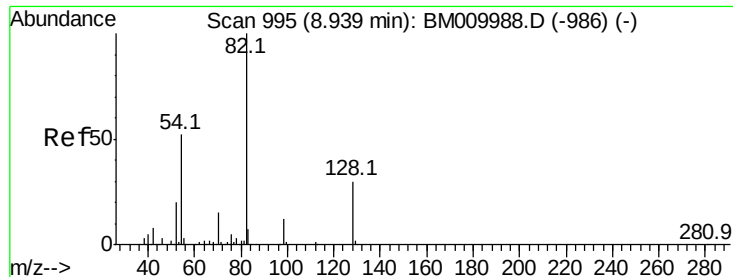
Ion 54.00 (53.70 to 54.70): BM009988.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM009988.D (-1261) (-)



Time-->

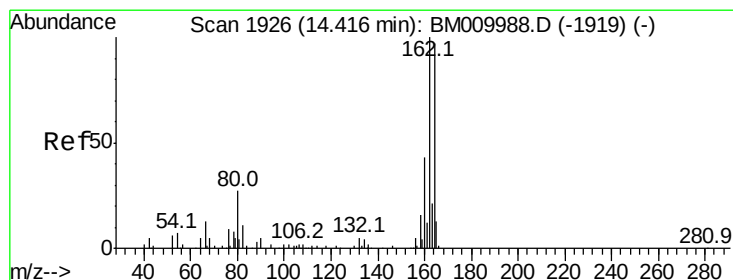
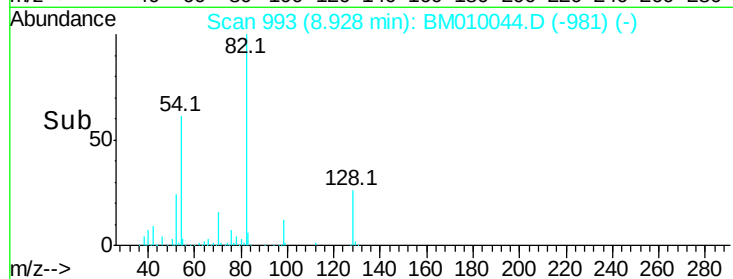
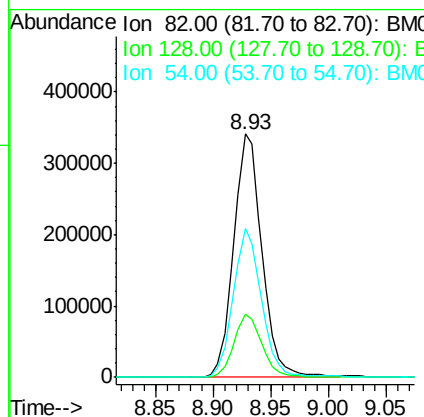
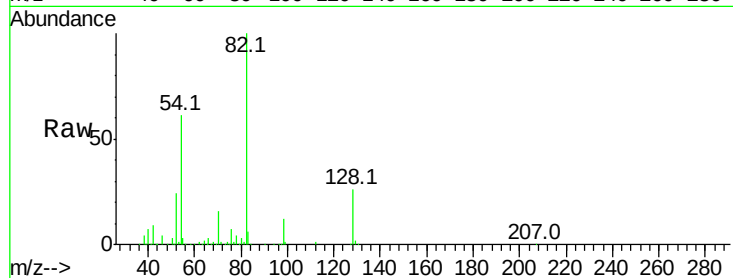




#23
 Nitrobenzene-d5
 Concen: 107.30 ng
 RT: 8.93 min Scan# 993
 Delta R.T. -0.03 min
 Lab File: BM010044.D
 Acq: 15 May 2017 17:42

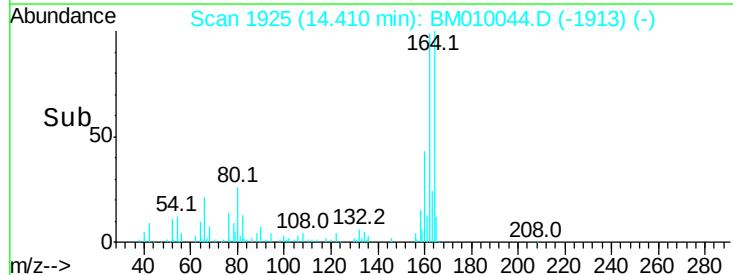
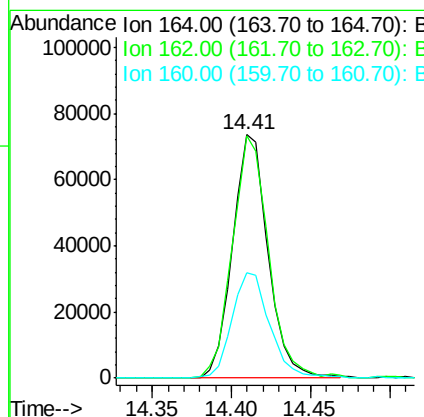
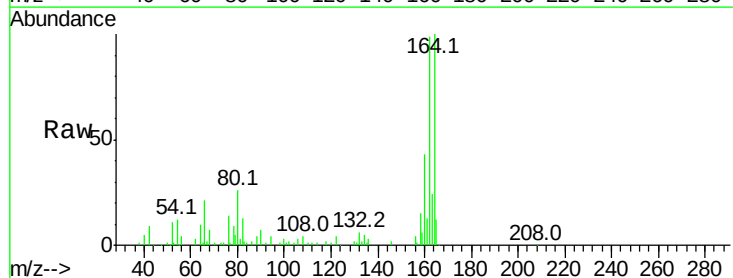
Instrument :
 BNA_M
 ClientSampleId :
 PB98946BL

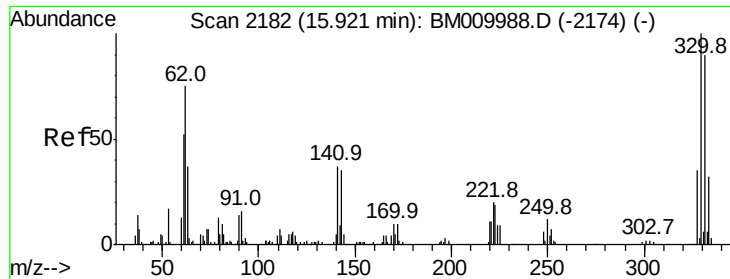
Tot Ion	82	Resp	580661
Ion	Ratio	Lower	Upper
82	100		
128	26.2	32.8	49.2#
54	61.4	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.41 min Scan# 1925
 Delta R.T. -0.03 min
 Lab File: BM010044.D
 Acq: 15 May 2017 17:42

Tgt Ion	164	Resp	114184
Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.4	123.6
160	43.3	35.8	53.6

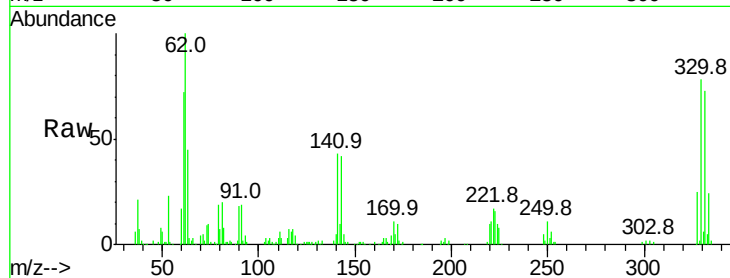




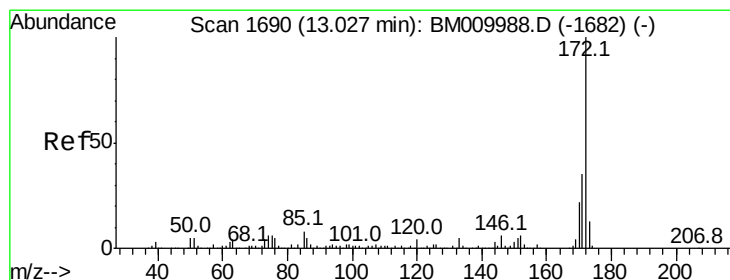
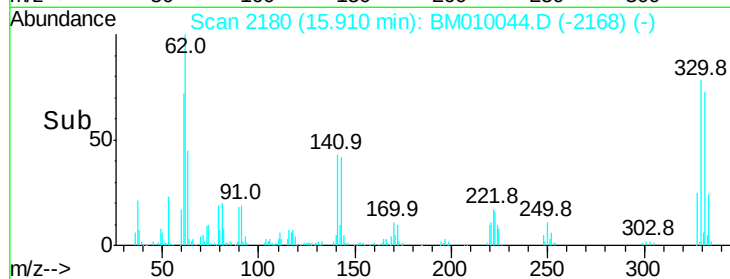
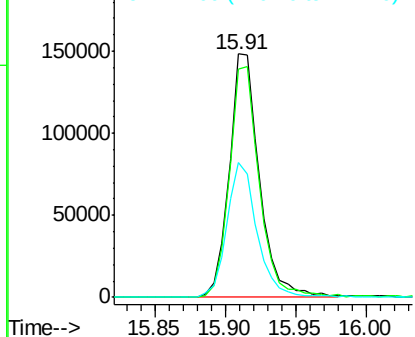
#41
 2,4,6-Tribromophenol
 Concen: 141.35 ng
 RT: 15.91 min Scan# 2180
 Delta R.T. -0.03 min
 Lab File: BM010044.D
 Acq: 15 May 2017 17:42

Instrument :
 BNA_M
 ClientSampleId :
 PB98946BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	0.0	0.0#
141	55.4	0.0	0.0#

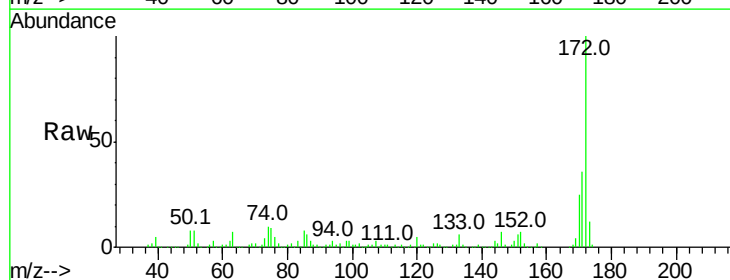


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

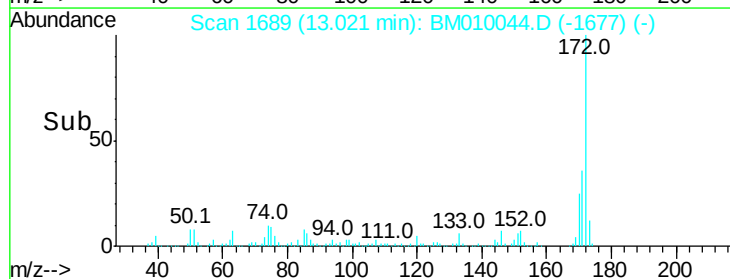
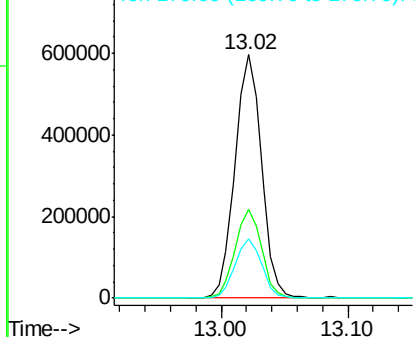


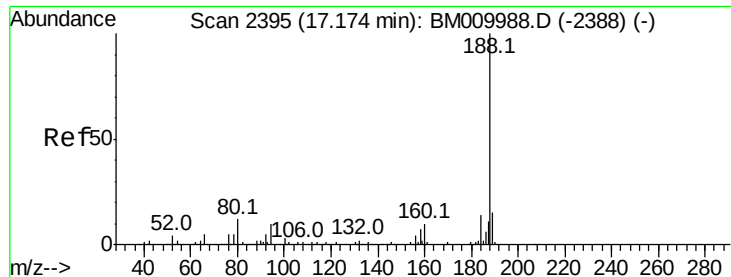
#44
 2-Fluorobiphenyl
 Concen: 101.39 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.03 min
 Lab File: BM010044.D
 Acq: 15 May 2017 17:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	24.6	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

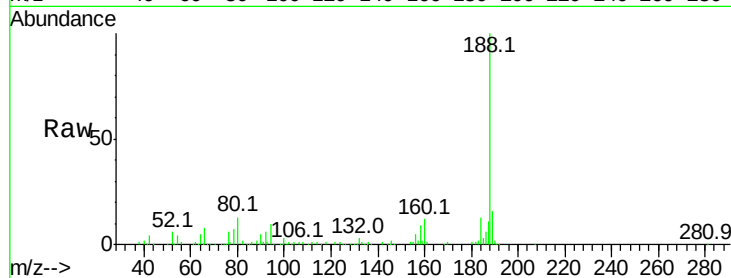




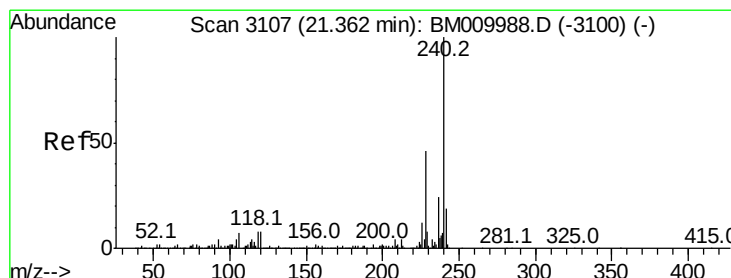
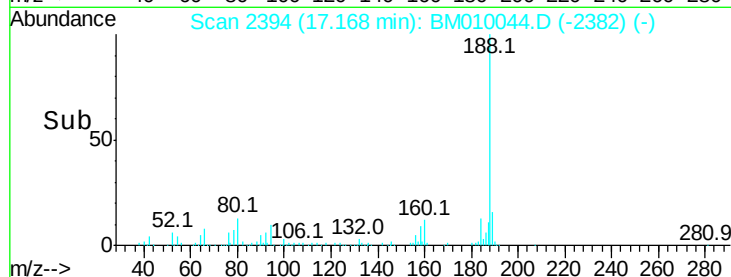
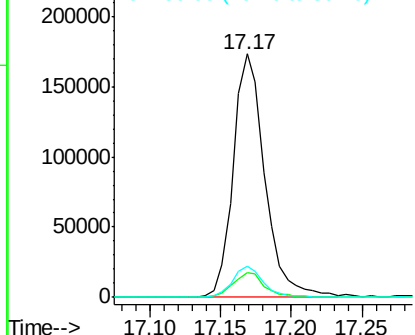
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010044.D
Acq: 15 May 2017 17:42

Instrument :
BNA_M
ClientSampleId :
PB98946BL

Tot Ion:188 Resp: 271018
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 12.8 9.3 13.9

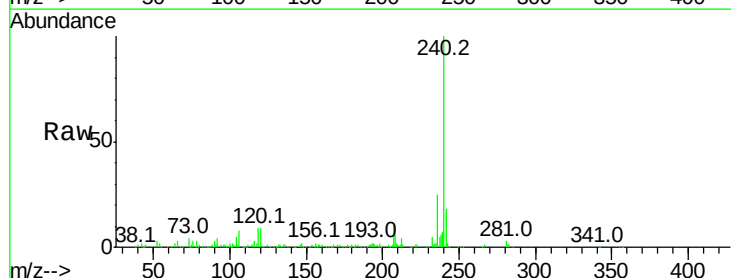


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

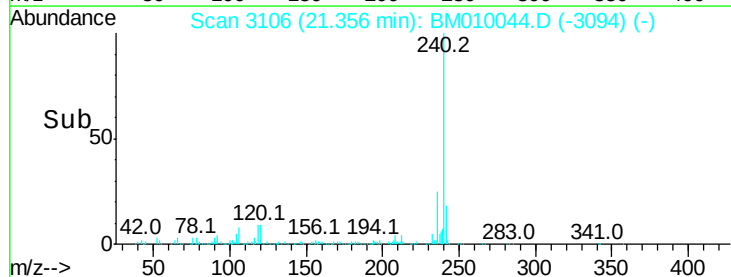
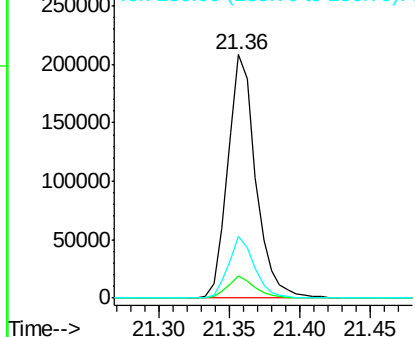


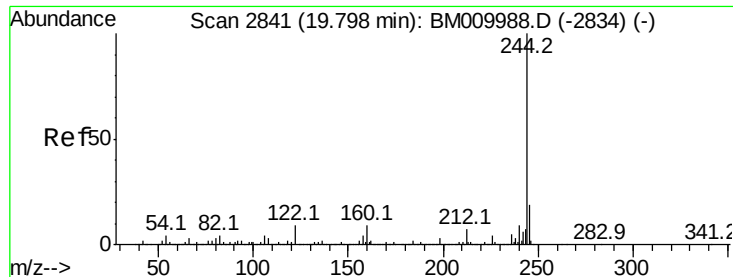
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010044.D
Acq: 15 May 2017 17:42

Tgt Ion:240 Resp: 287962
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.2
236 25.3 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: 106.89 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010044.D

Acq: 15 May 2017 17:42

Instrument :

BNA_M

ClientSampleId :

PB98946BL

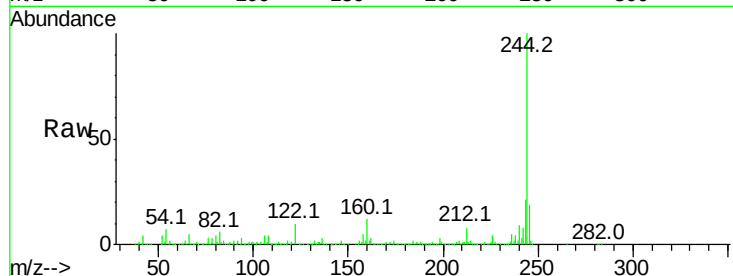
Tot Ion:244 Resp: 1460462

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

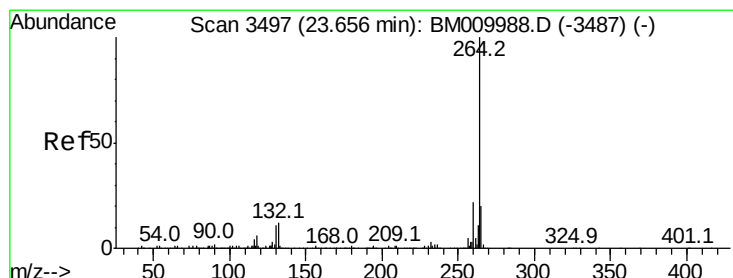
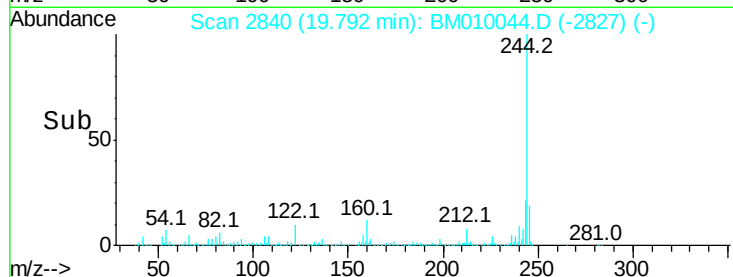
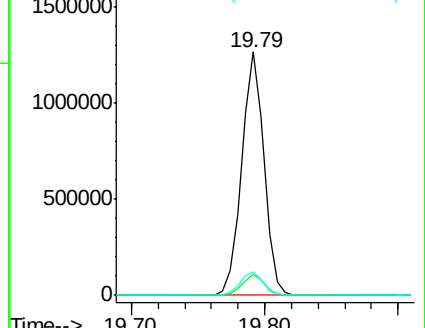
122 9.6 6.2 9.4#



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: BM010044.D

Acq: 15 May 2017 17:42

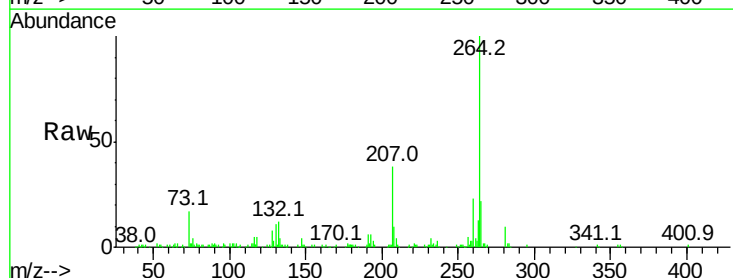
Tgt Ion:264 Resp: 239477

Ion Ratio Lower Upper

264 100

260 22.8 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

