

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
 Data File : BM010022.D
 Acq On : 12 May 2017 14:15
 Operator : SJ/MA
 Sample : PB98906BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98906BL

Quant Time: May 13 03:55:33 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	52181	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	217751	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	128296	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	340533	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	415320	20.00	ng	-0.02
86) Perylene-d12	23.65	264	339277	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	555157	166.49	ng	-0.02
7) Phenol-d6	6.95	99	815803	152.69	ng	-0.02
23) Nitrobenzene-d5	8.93	82	587393	98.58	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	266753	151.92	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	965717	100.66	ng	-0.02
78) Terphenyl-d14	19.79	244	1837345	93.24	ng	-0.02

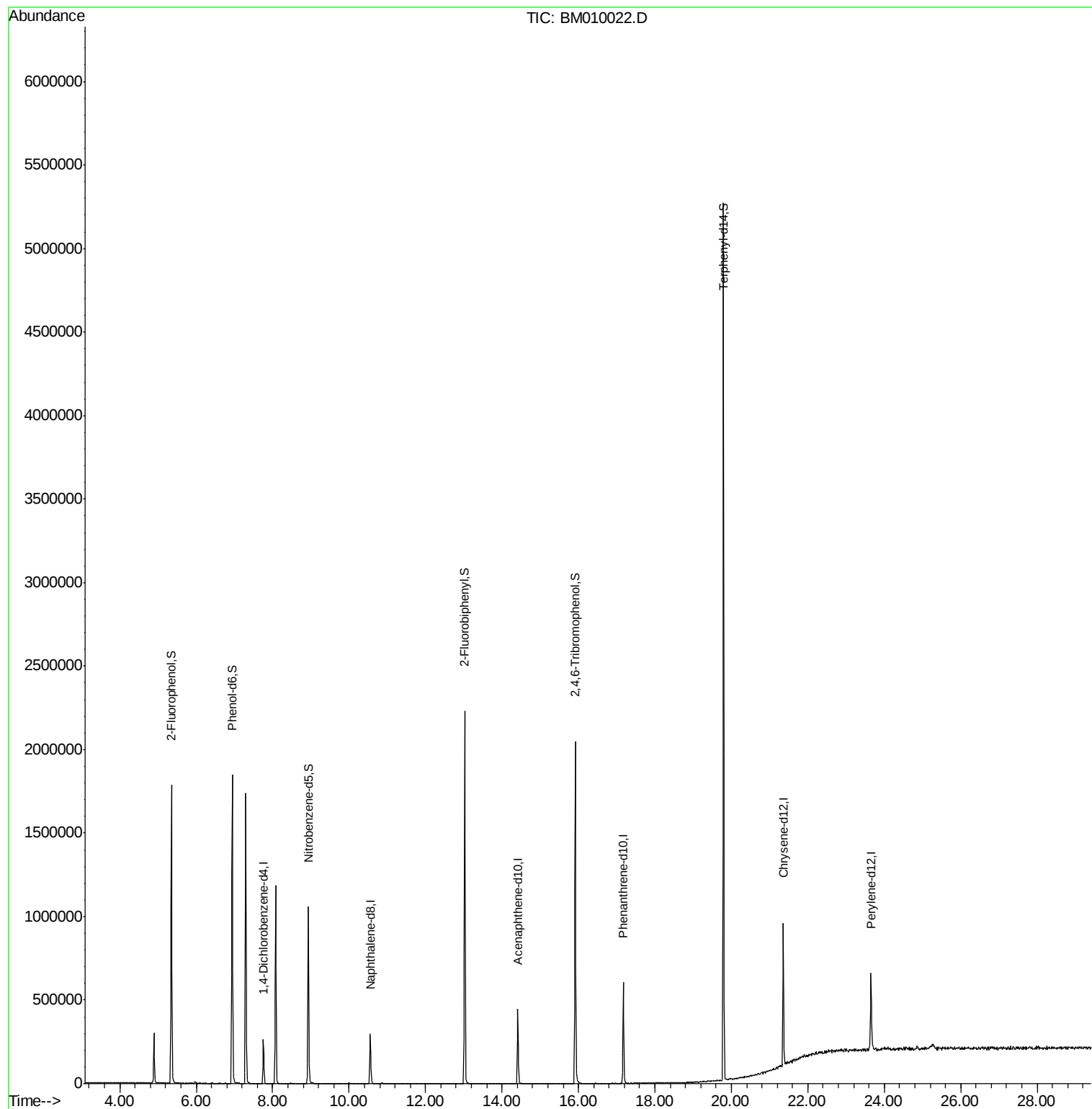
Target Compounds Qvalue

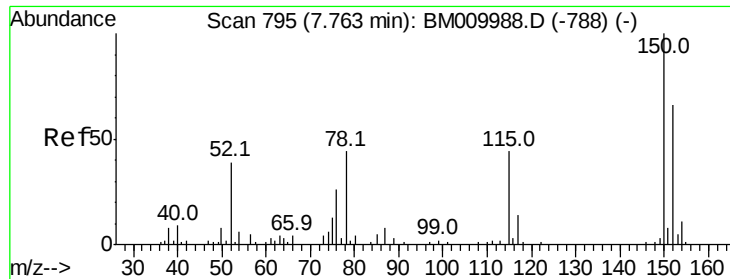
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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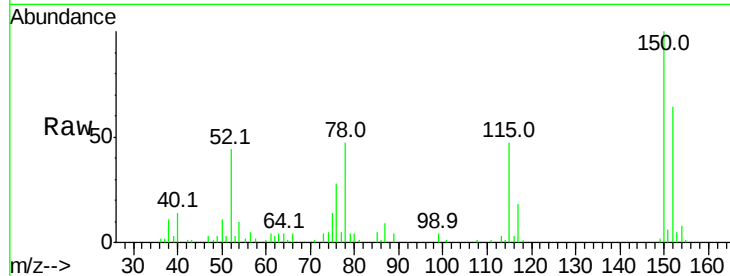


#1

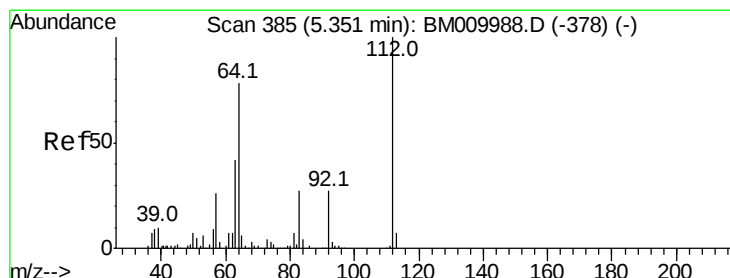
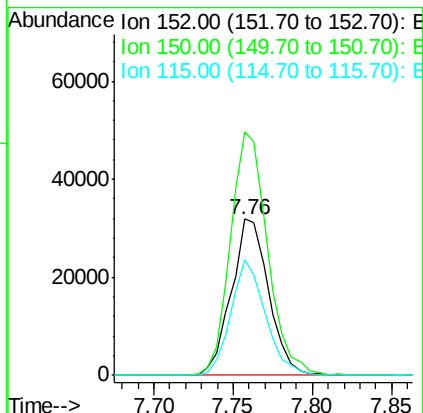
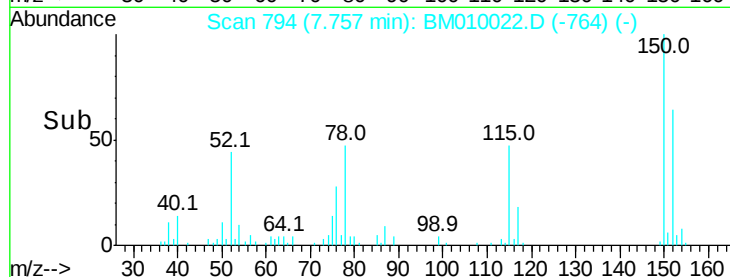
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010022.D
Acq: 12 May 2017 14:15

Instrument :
BNA_M
ClientSampleId :
PB98906BL

Tot Ion:152 Resp: 52181
Ion Ratio Lower Upper
152 100
150 155.5 119.5 179.3
115 73.6 43.0 64.4#



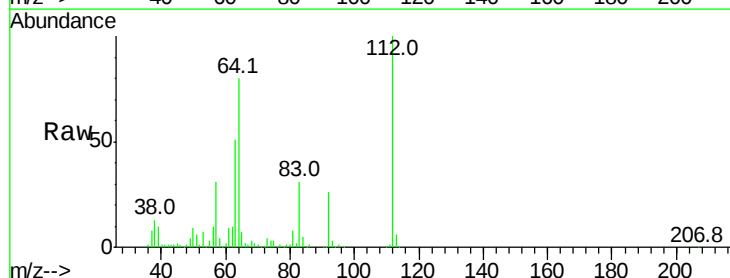
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



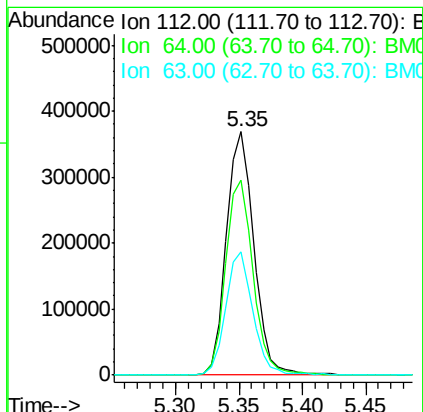
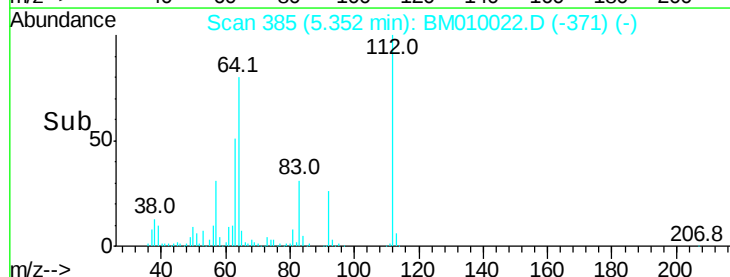
#5

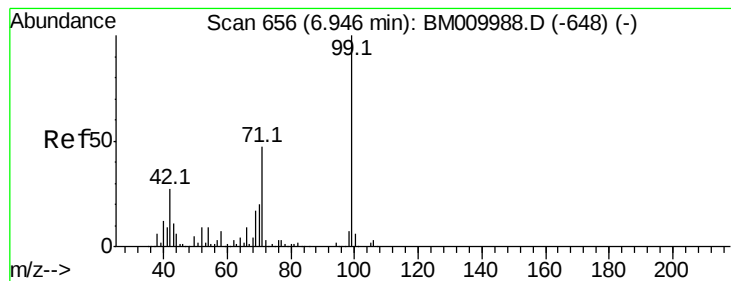
2-Fluorophenol
Concen: 166.49 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM010022.D
Acq: 12 May 2017 14:15

Tgt Ion:112 Resp: 555157
Ion Ratio Lower Upper
112 100
64 80.3 38.6 57.8#
63 50.8 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: 152.69 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM010022.D

Acq: 12 May 2017 14:15

Instrument :

BNA_M

ClientSampleID :

PB98906BL

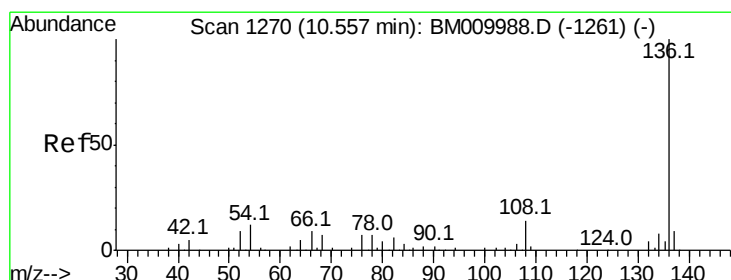
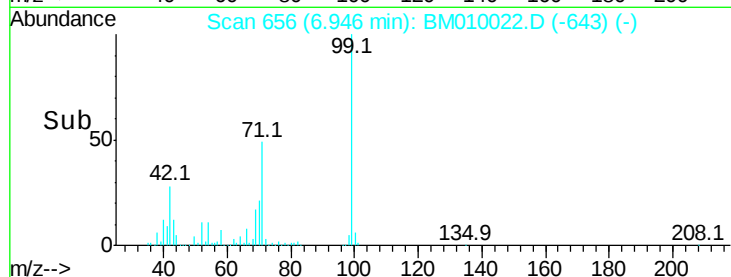
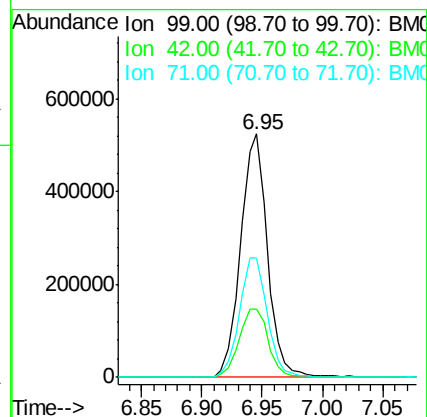
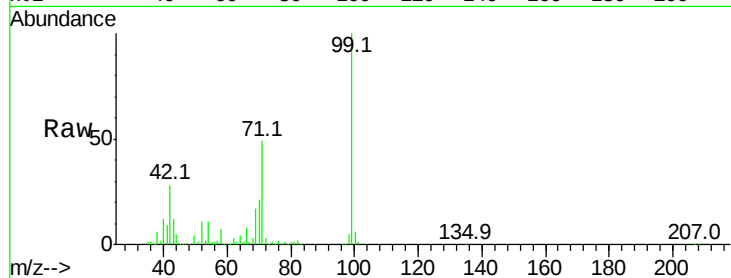
Tot Ion: 99 Resp: 815803

Ion Ratio Lower Upper

99 100

42 28.2 11.0 16.4#

71 49.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BM010022.D

Acq: 12 May 2017 14:15

Tgt Ion: 136 Resp: 217751

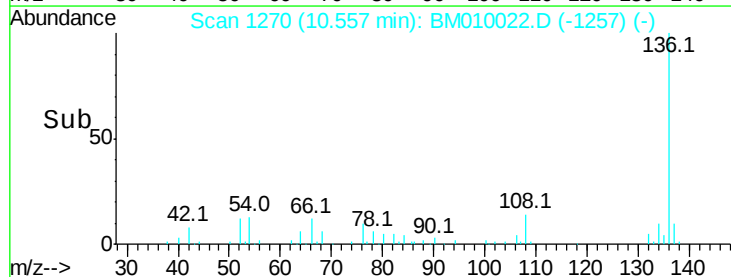
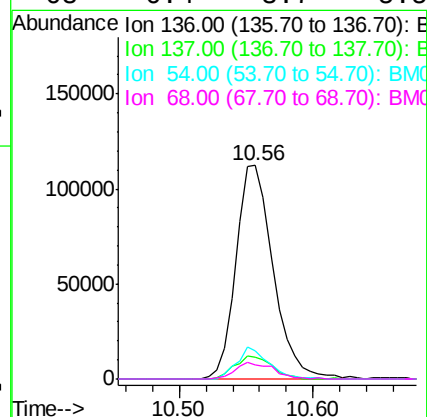
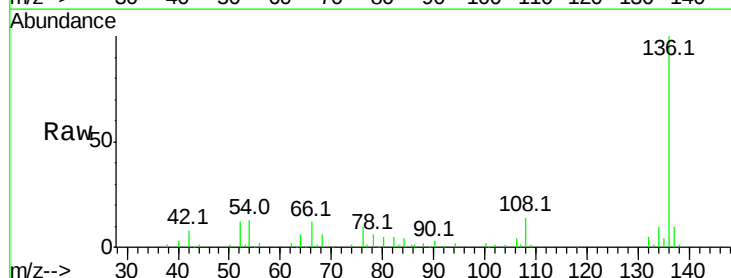
Ion Ratio Lower Upper

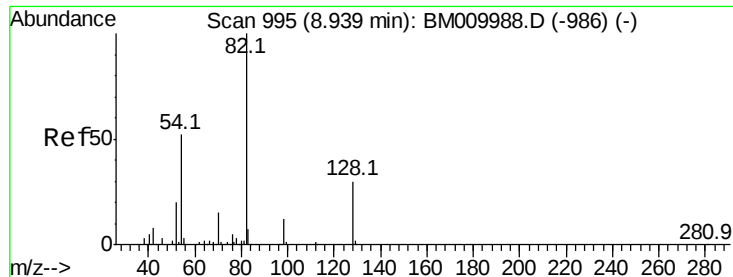
136 100

137 10.0 8.7 13.1

54 13.1 4.6 6.8#

68 6.4 3.7 5.5#

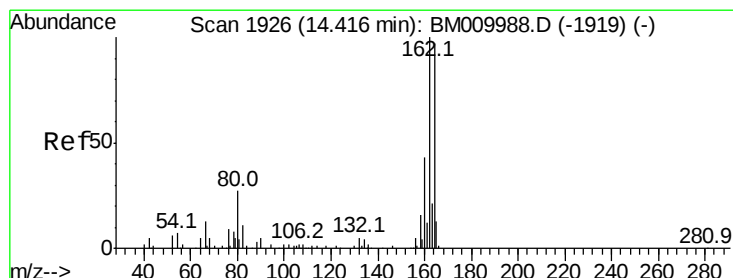
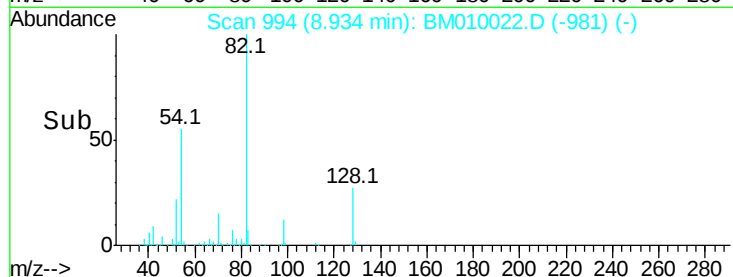
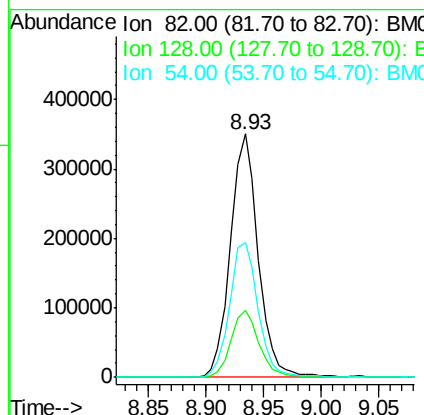
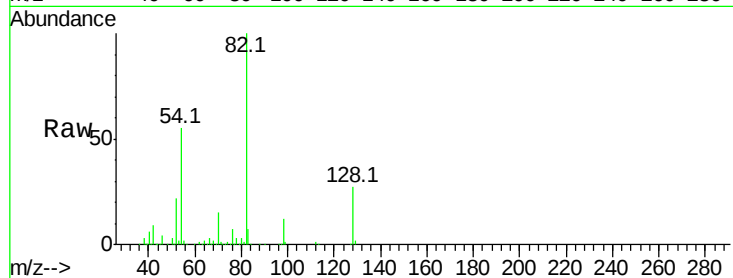




#23
 Nitrobenzene-d5
 Concen: 98.58 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BM010022.D
 Acq: 12 May 2017 14:15

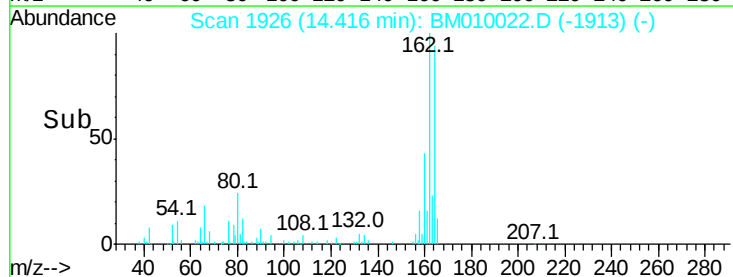
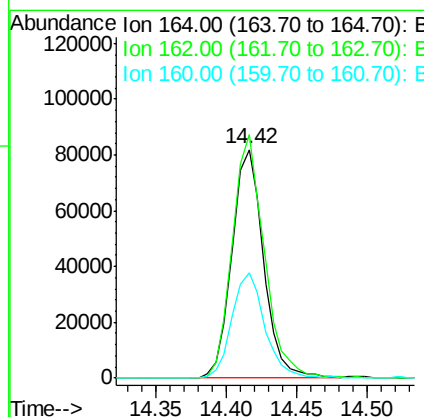
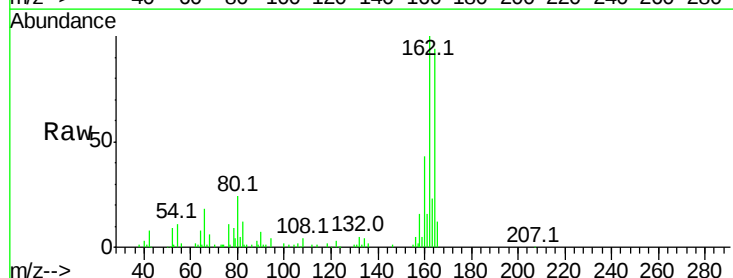
Instrument :
 BNA_M
 ClientSampleId :
 PB98906BL

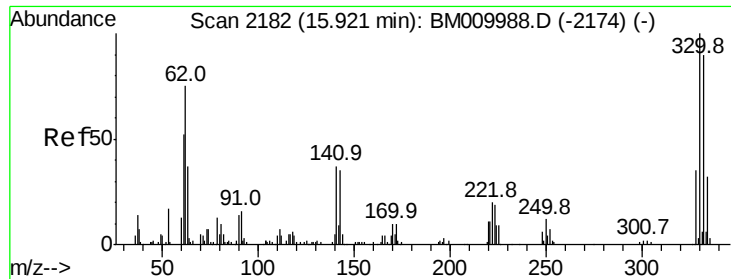
Tot Ion	82	Resp	587393
Ion	Ratio	Lower	Upper
82	100		
128	27.4	32.8	49.2#
54	55.5	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BM010022.D
 Acq: 12 May 2017 14:15

Tgt Ion	164	Resp	128296
Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.4	123.6
160	46.0	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 151.92 ng

RT: 15.92 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BM010022.D

Acq: 12 May 2017 14:15

Instrument :

BNA_M

ClientSampleId :

PB98906BL

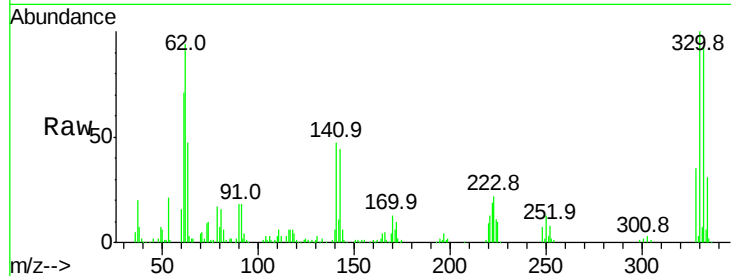
Tot Ion:330 Resp: 266753

Ion Ratio Lower Upper

330 100

332 94.7 0.0 0.0#

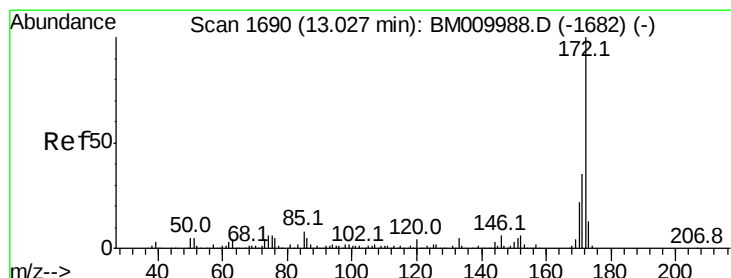
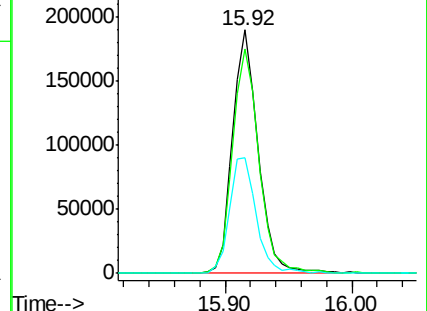
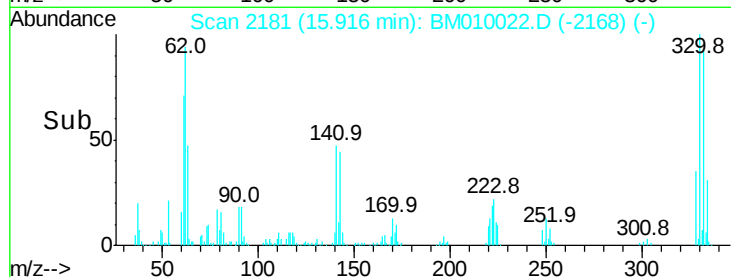
141 49.4 0.0 0.0#



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: 100.66 ng

RT: 13.03 min Scan# 1690

Delta R.T. -0.02 min

Lab File: BM010022.D

Acq: 12 May 2017 14:15

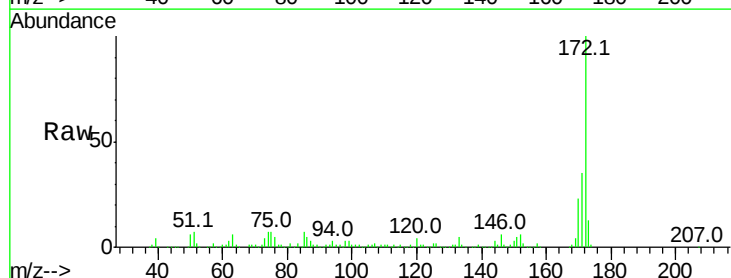
Tgt Ion:172 Resp: 965717

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

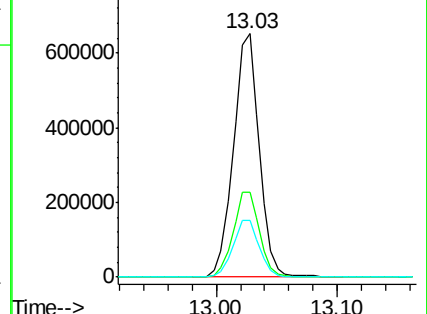
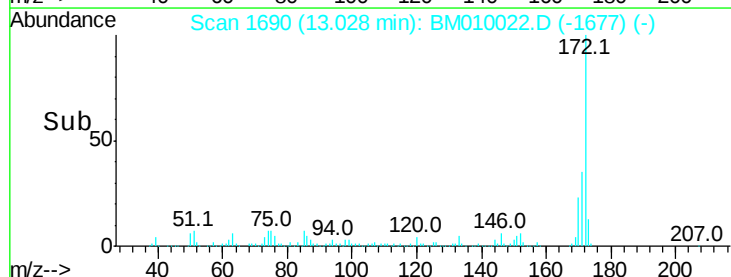
170 23.5 18.8 28.2

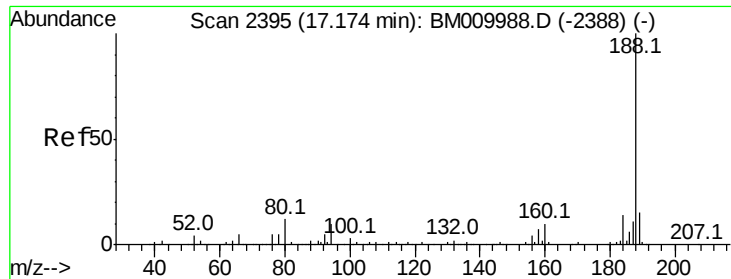


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM010022.D

Acq: 12 May 2017 14:15

Instrument :

BNA_M

ClientSampleID :

PB98906BL

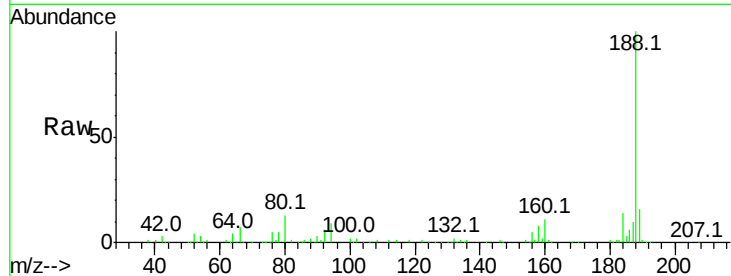
Tot Ion:188 Resp: 340533

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

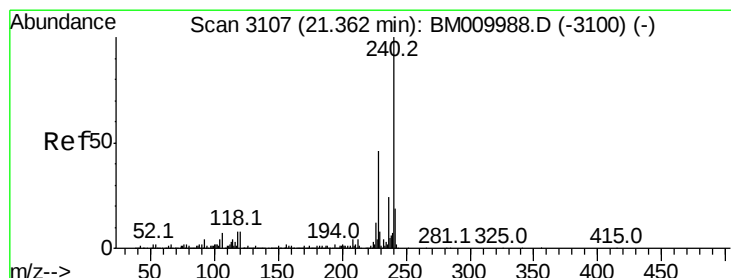
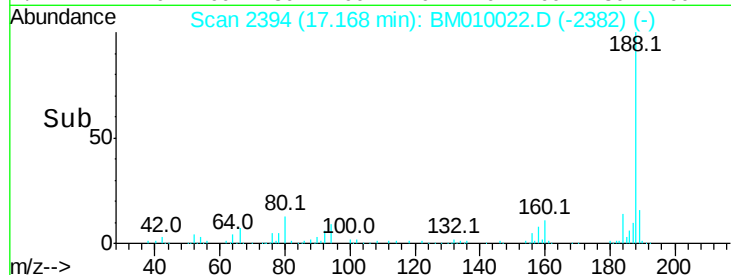
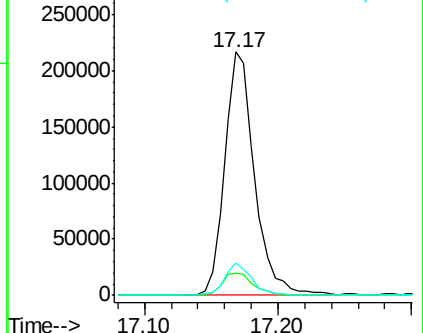
80 13.1 9.3 13.9



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: BM010022.D

Acq: 12 May 2017 14:15

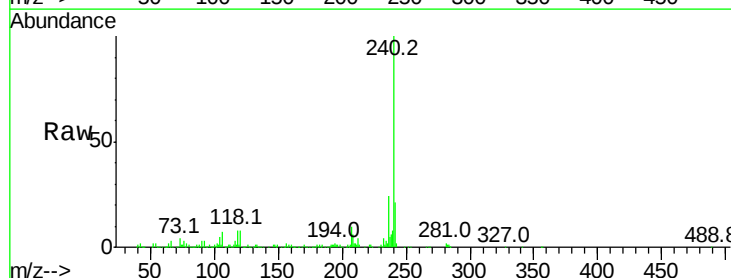
Tgt Ion:240 Resp: 415320

Ion Ratio Lower Upper

240 100

120 7.8 8.2 12.2#

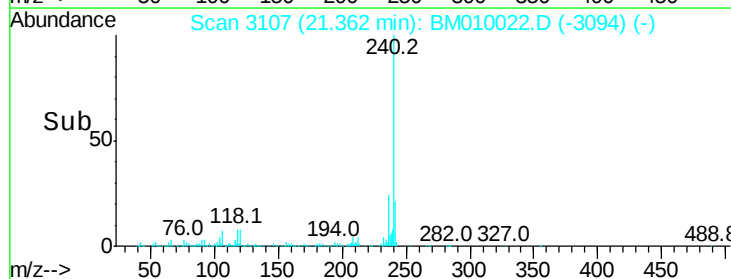
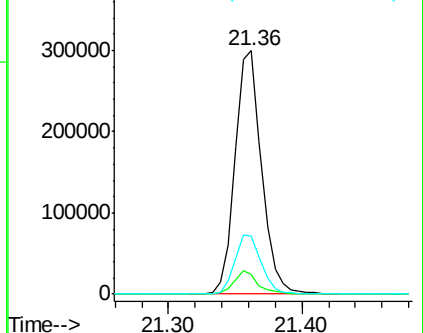
236 23.7 20.0 30.0

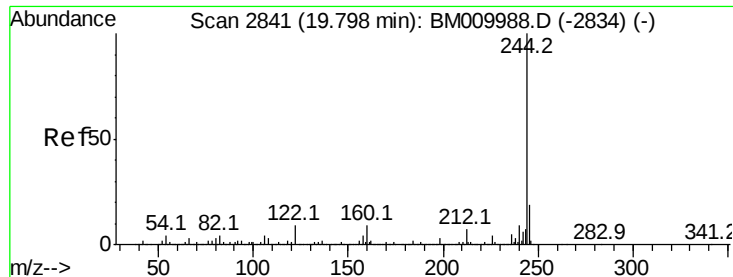


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

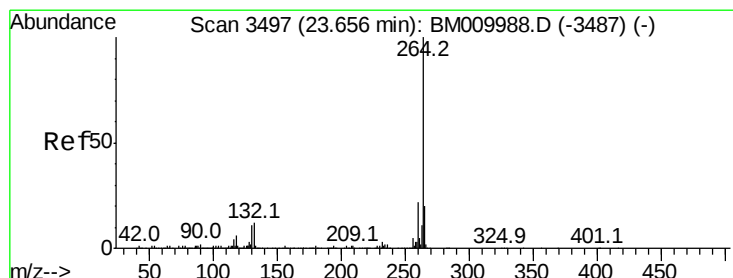
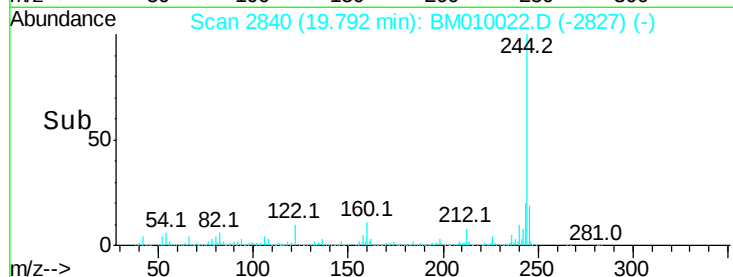
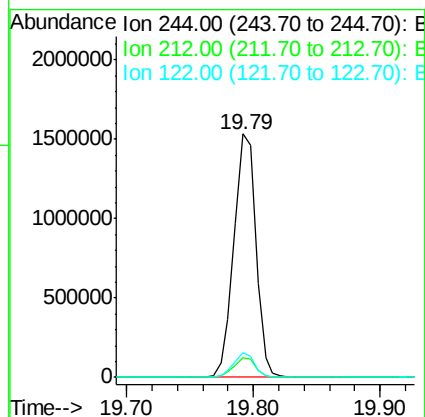
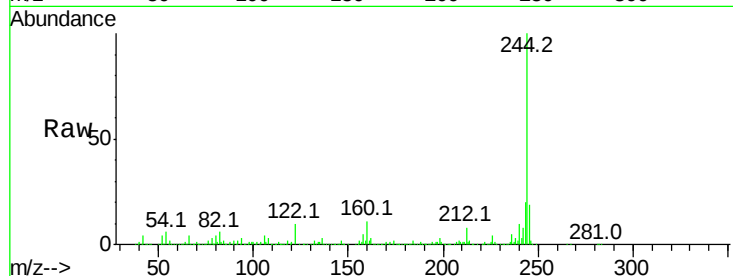




#78
 Terphenyl-d14
 Concen: 93.24 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. -0.02 min
 Lab File: BM010022.D
 Acq: 12 May 2017 14:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98906BL

Tot Ion:244 Resp: 1837345
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 10.3 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010022.D
 Acq: 12 May 2017 14:15

Tgt Ion:264 Resp: 339277
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 23.1 17.3 25.9

