

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009939.D
 Acq On : 06 May 2017 13:38
 Operator : SJ/MA
 Sample : I2893-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:41:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	93042	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	389972	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	237240	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	592551	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	714030	20.00	ng	-0.01
86) Perylene-d12	23.68	264	517042	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	401863	68.76	ng	0.00
7) Phenol-d6	6.96	99	344583	38.47	ng	0.00
23) Nitrobenzene-d5	8.95	82	1115012	103.47	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	532926	164.48	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1890323	103.81	ng	0.00
78) Terphenyl-d14	19.82	244	3528312	101.37	ng	0.00

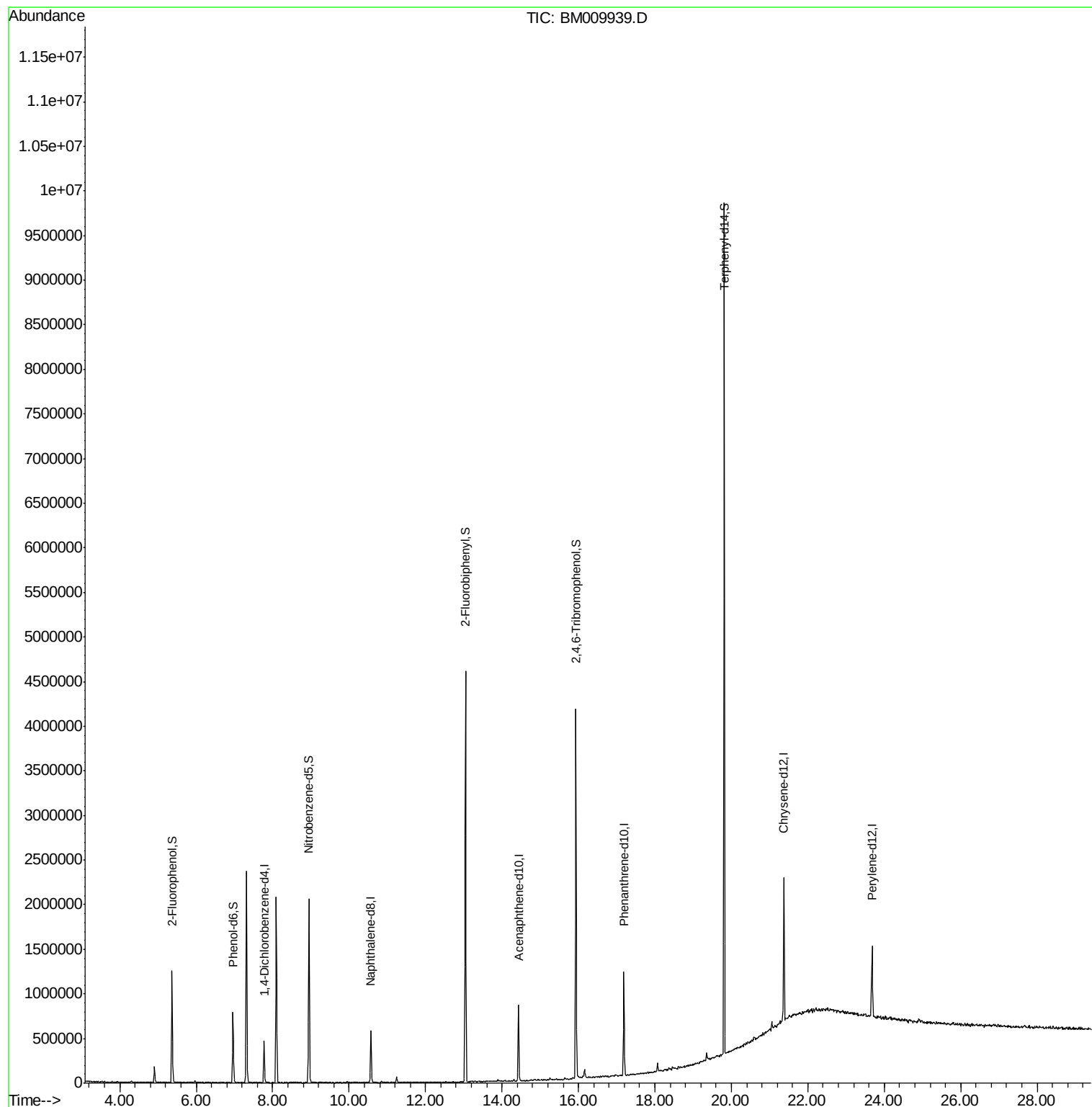
Target Compounds Qvalue

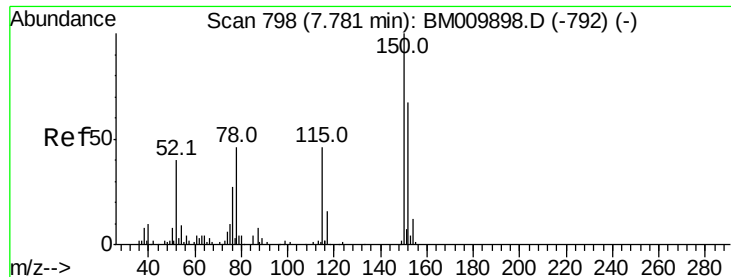
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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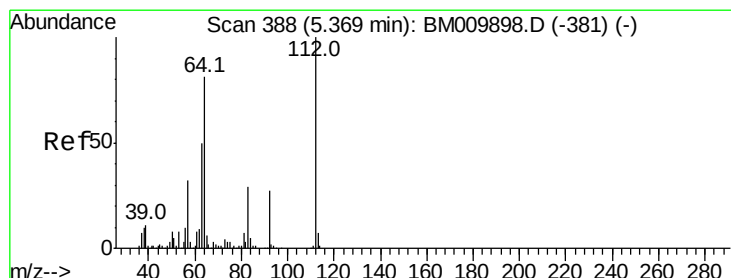
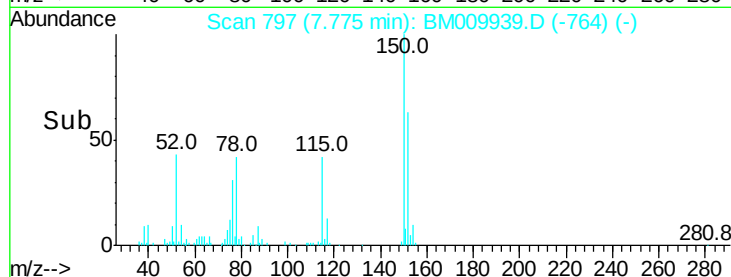
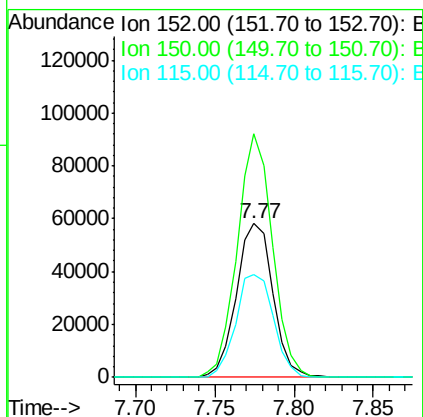
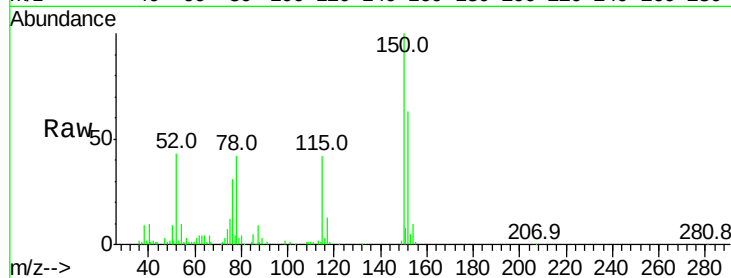


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009939.D
Acq: 06 May 2017 13:38

Instrument :
BNA_M
ClientSampleId :

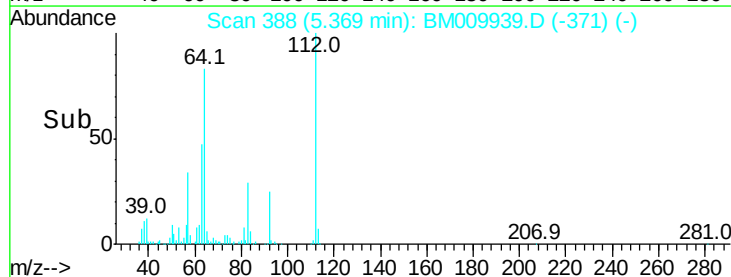
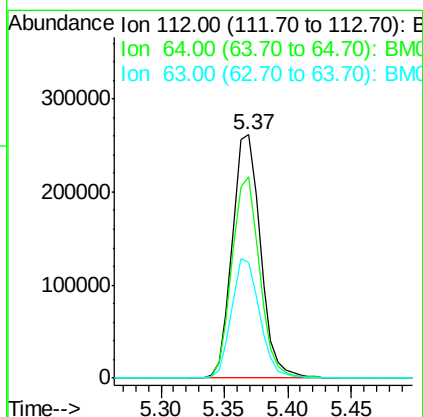
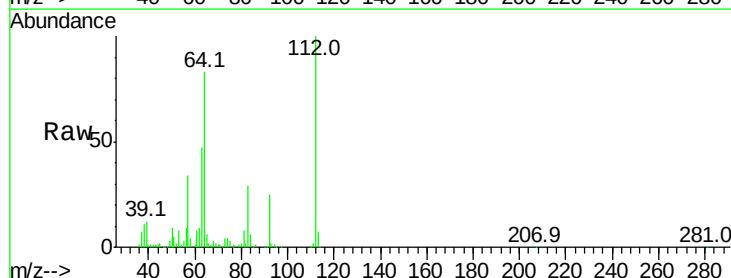
Tot Ion:152 Resp: 93042
Ion Ratio Lower Upper
152 100
150 158.3 119.5 179.3
115 66.6 43.0 64.4#

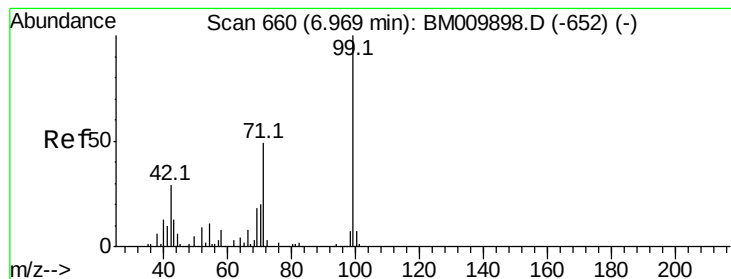


#5

2-Fluorophenol
Concen: 68.76 ng
RT: 5.37 min Scan# 388
Delta R.T. 0.00 min
Lab File: BM009939.D
Acq: 06 May 2017 13:38

Tgt Ion:112 Resp: 401863
Ion Ratio Lower Upper
112 100
64 82.6 38.6 57.8#
63 47.5 19.3 28.9#





#7

Phenol-d6

Concen: 38.47 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009939.D

Acq: 06 May 2017 13:38

Instrument :

BNA_M

ClientSampled :

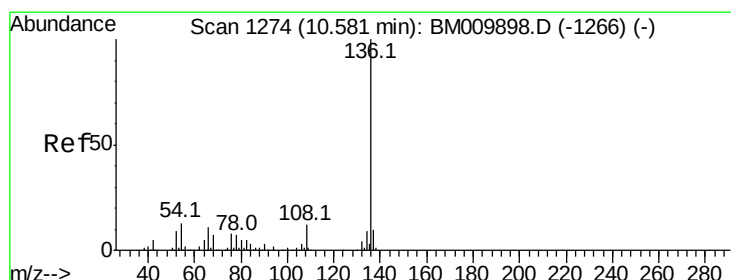
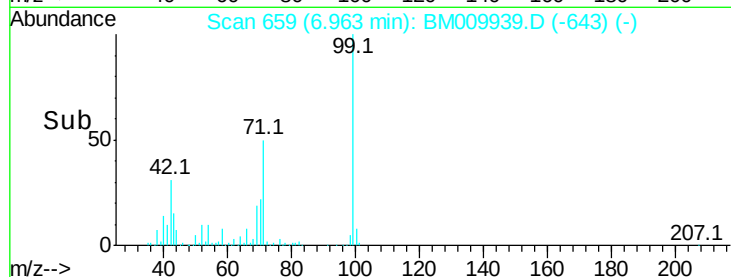
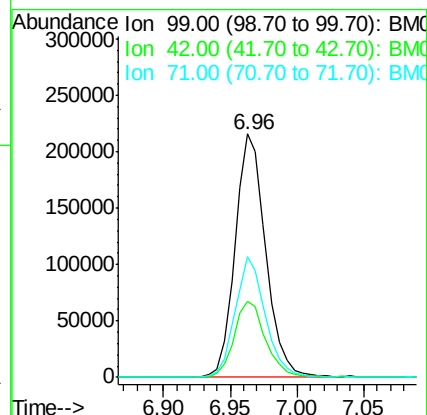
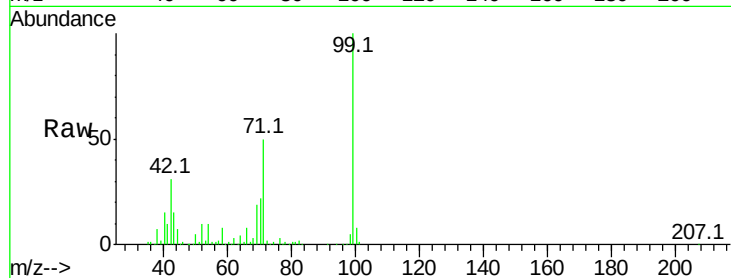
Tot Ion: 99 Resp: 344583

Ion Ratio Lower Upper

99 100

42 31.0 11.0 16.4#

71 49.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM009939.D

Acq: 06 May 2017 13:38

Tgt Ion: 136 Resp: 389972

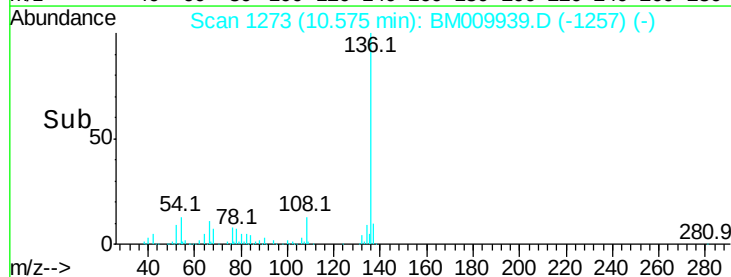
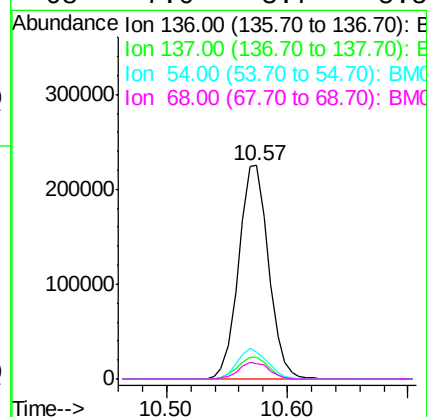
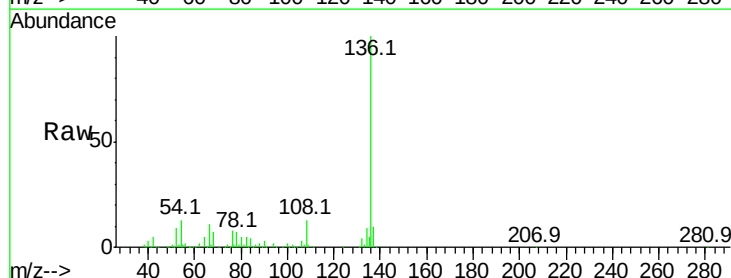
Ion Ratio Lower Upper

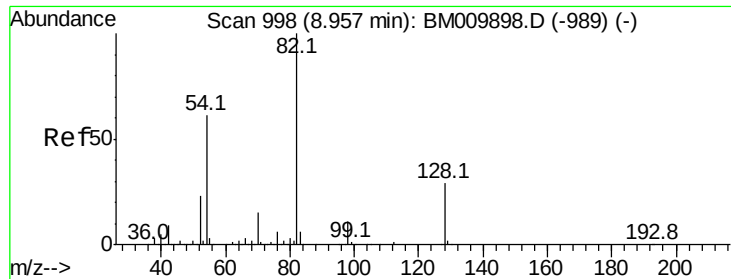
136 100

137 10.3 8.7 13.1

54 12.8 4.6 6.8#

68 7.0 3.7 5.5#



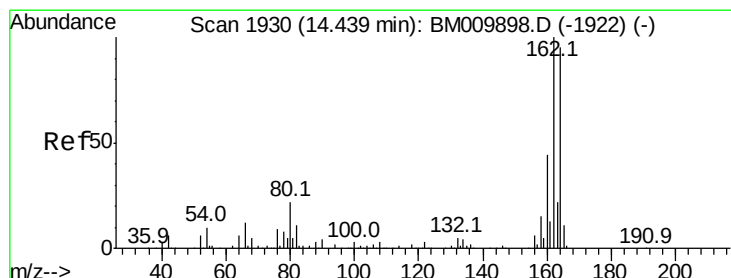
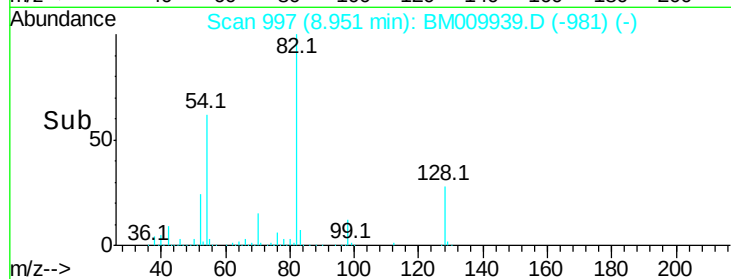
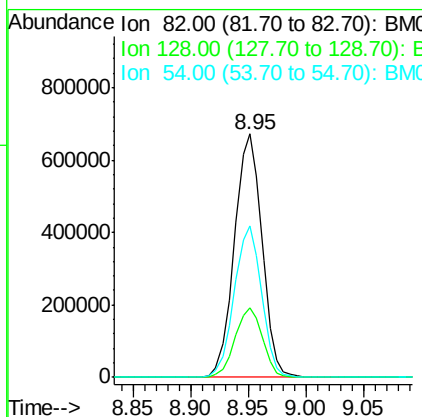
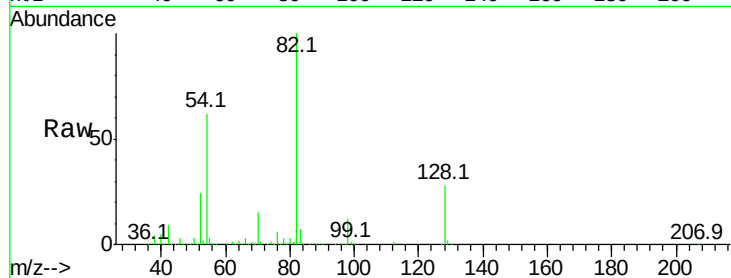


#23
 Nitrobenzene-d5
 Concen: 103.47 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009939.D
 Acq: 06 May 2017 13:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1115012

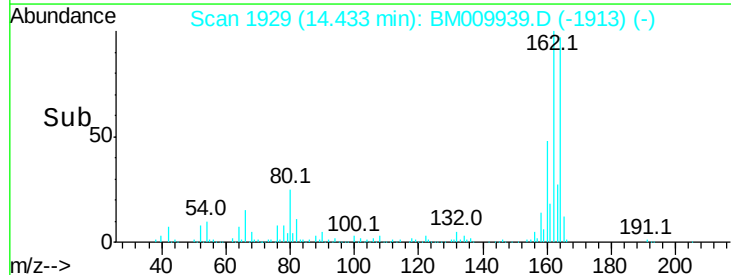
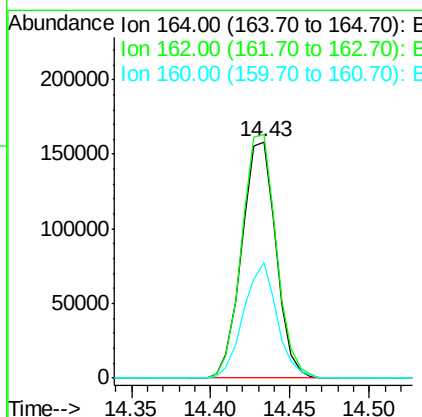
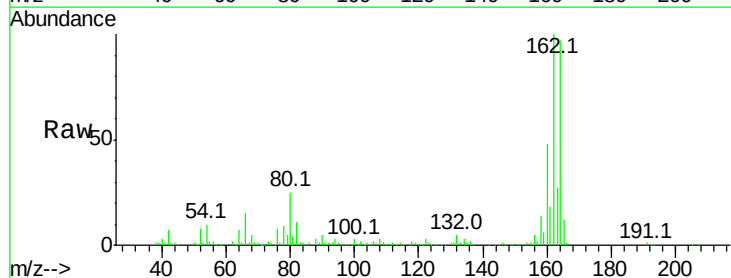
Ion	Ratio	Lower	Upper
82	100		
128	28.3	32.8	49.2#
54	62.4	40.6	60.8#

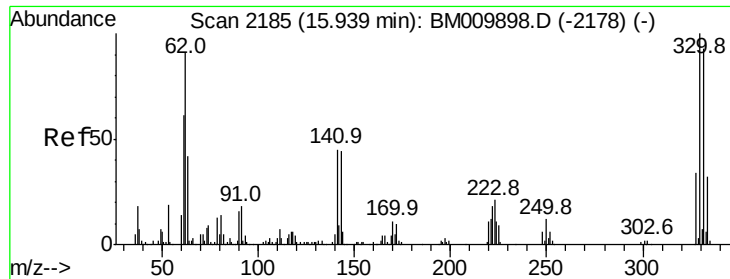


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BM009939.D
 Acq: 06 May 2017 13:38

Tgt Ion: 164 Resp: 237240

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.4	123.6
160	49.2	35.8	53.6

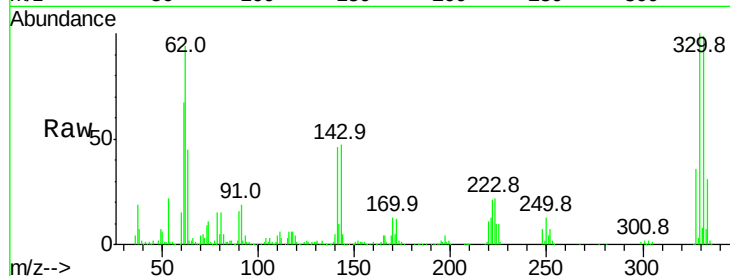




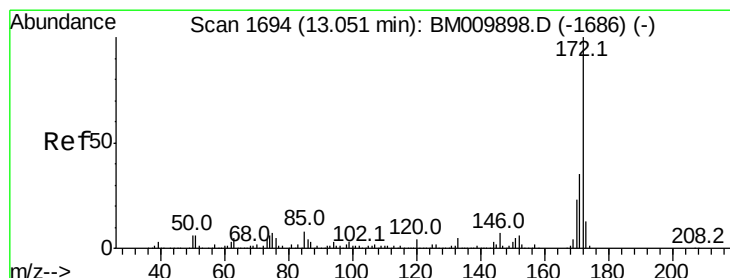
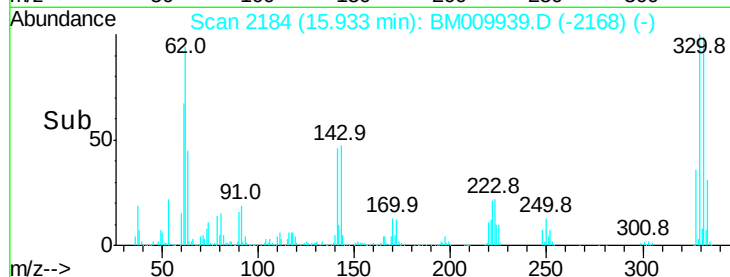
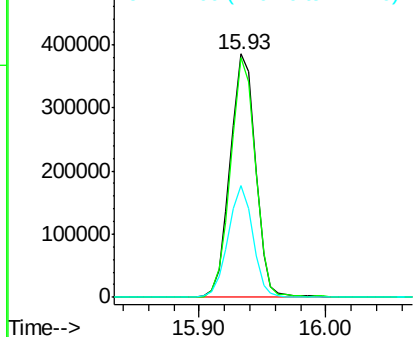
#41
 2,4,6-Tribromophenol
 Concen: 164.48 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009939.D
 Acq: 06 May 2017 13:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 532926
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 44.9 0.0 0.0#

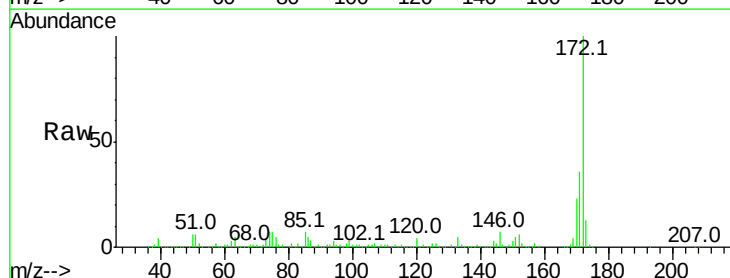


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

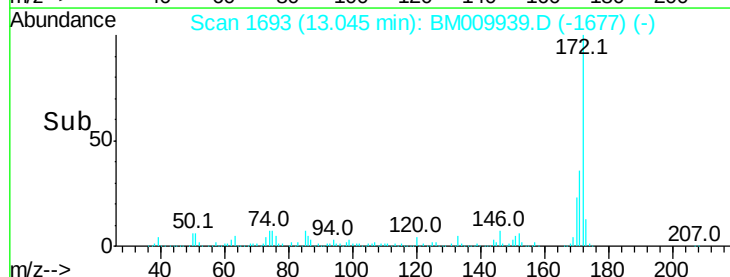
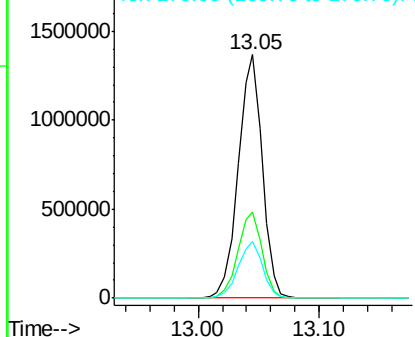


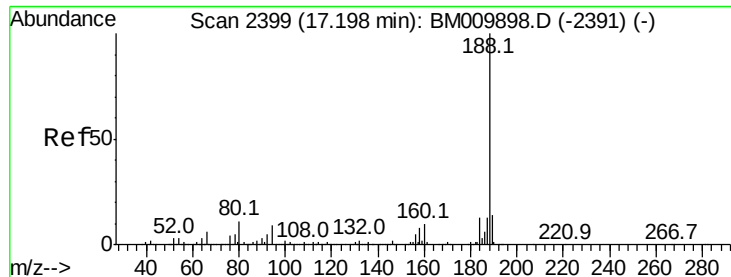
#44
 2-Fluorobiphenyl
 Concen: 103.81 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009939.D
 Acq: 06 May 2017 13:38

Tgt Ion:172 Resp: 1890323
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.1 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

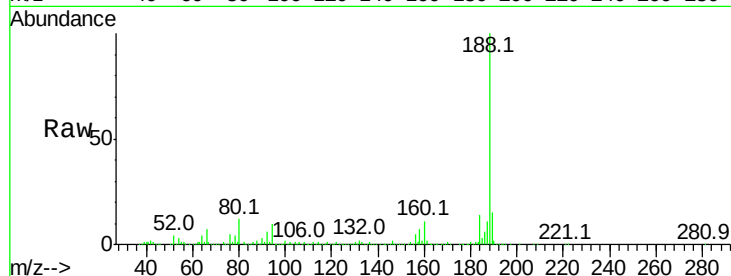




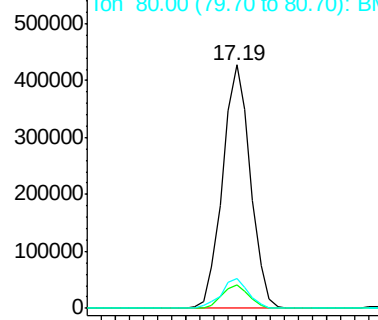
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009939.D
Acq: 06 May 2017 13:38

Instrument :
BNA_M
ClientSampled :

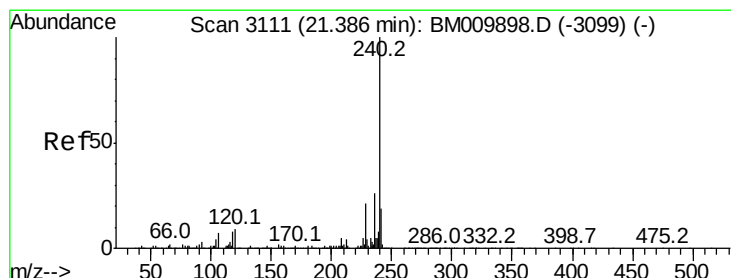
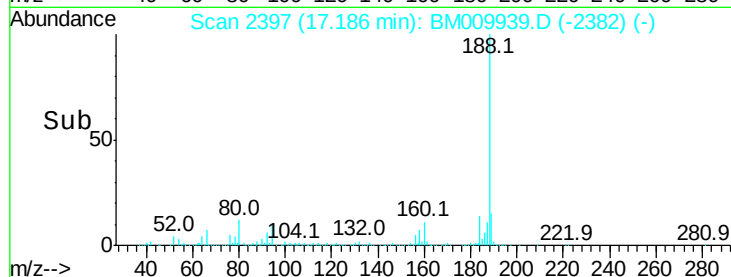
Tot Ion:188 Resp: 592551
Ion Ratio Lower Upper
188 100
94 9.5 8.7 13.1
80 12.1 9.3 13.9



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

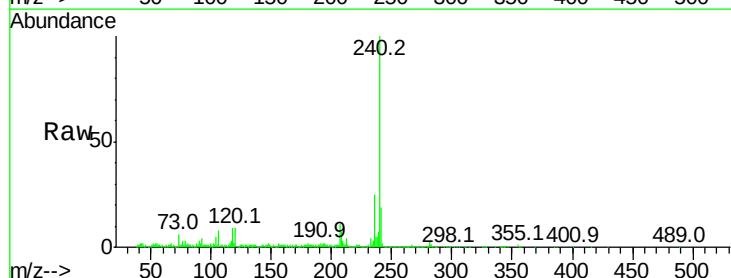


Time--> 17.10 17.15 17.20 17.25

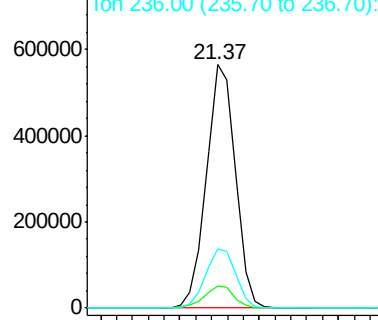


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM009939.D
Acq: 06 May 2017 13:38

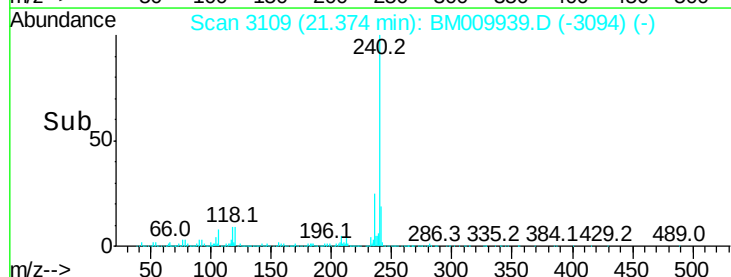
Tgt Ion:240 Resp: 714030
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 24.6 20.0 30.0

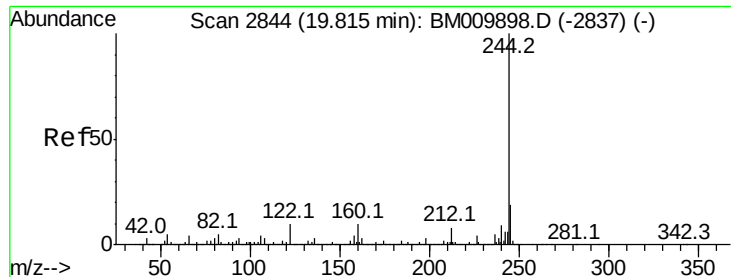


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.30 21.35 21.40 21.45

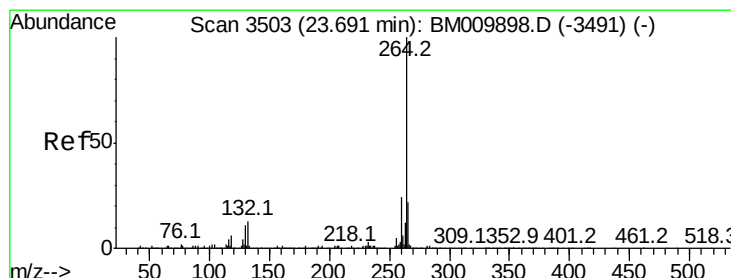
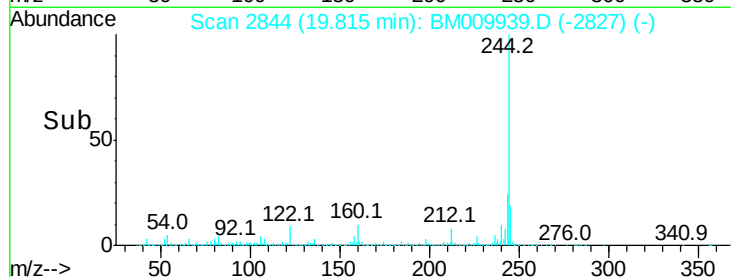
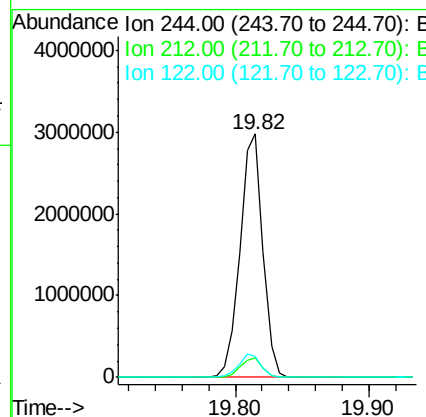
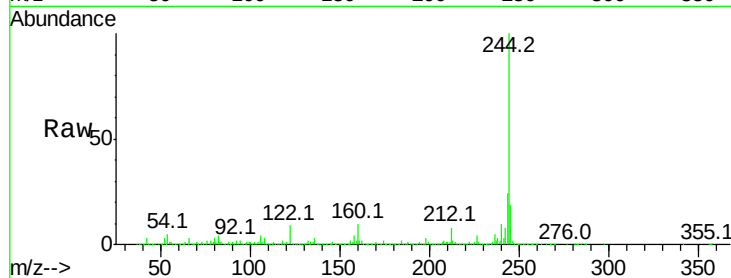




#78
 Terphenyl-d14
 Concen: 101.37 ng
 RT: 19.82 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BM009939.D
 Acq: 06 May 2017 13:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 3528312
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.9 7.3#
 122 8.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.68 min Scan# 3501
 Delta R.T. -0.01 min
 Lab File: BM009939.D
 Acq: 06 May 2017 13:38

Tgt Ion:264 Resp: 517042
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 27.8
 265 25.8 17.3 25.9

