

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009945.D
 Acq On : 06 May 2017 17:15
 Operator : SJ/MA
 Sample : I2995-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:42:21 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	81504	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	332953	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	202810	20.00	ng	-0.01
63) Phenanthrene-d10	17.19	188	529152	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	664187	20.00	ng	-0.01
86) Perylene-d12	23.67	264	526547	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	733776	143.33	ng	0.00
7) Phenol-d6	6.96	99	978897	124.74	ng	0.00
23) Nitrobenzene-d5	8.95	82	876637	95.28	ng	-0.01
41) 2,4,6-Tribromophenol	15.93	330	438897	158.45	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	1500798	96.42	ng	-0.01
78) Terphenyl-d14	19.81	244	3095421	95.61	ng	0.00

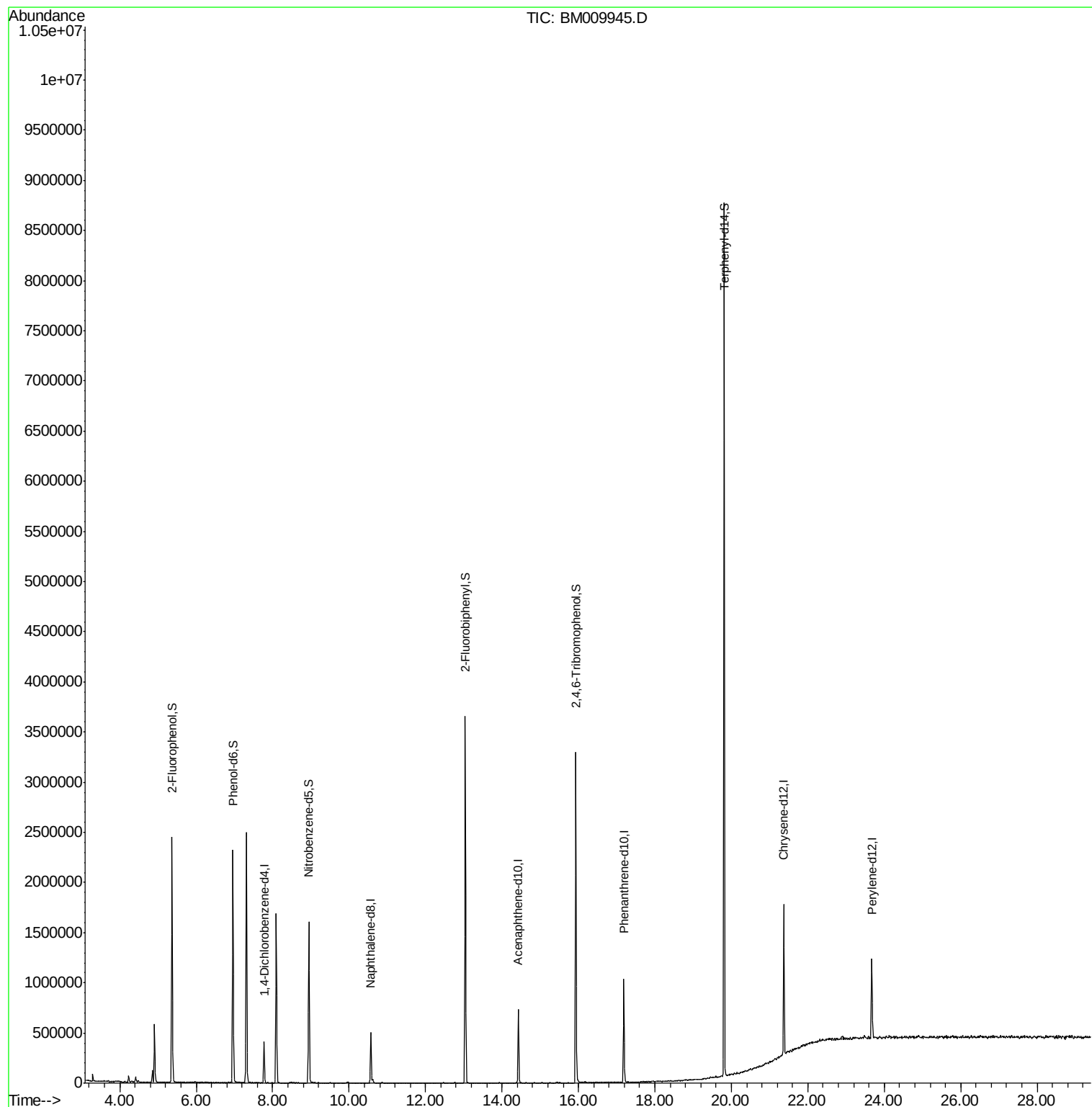
Target Compounds Qvalue

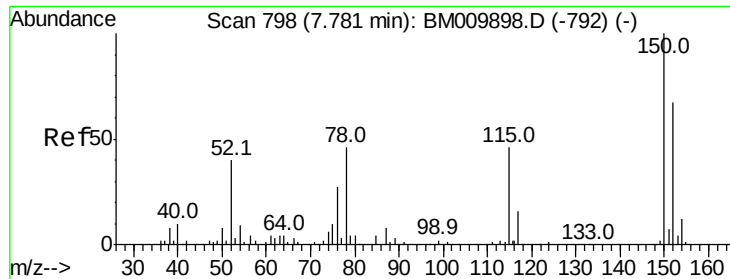
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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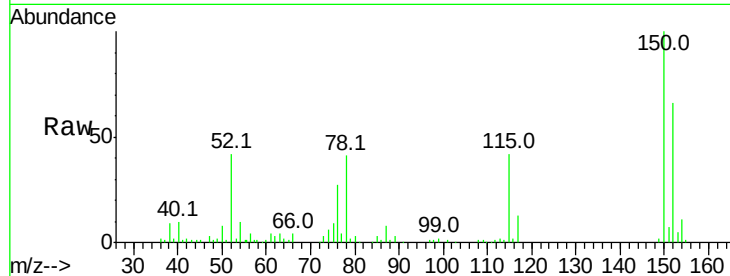


#1

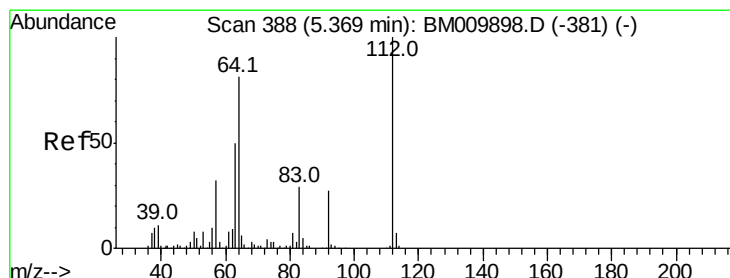
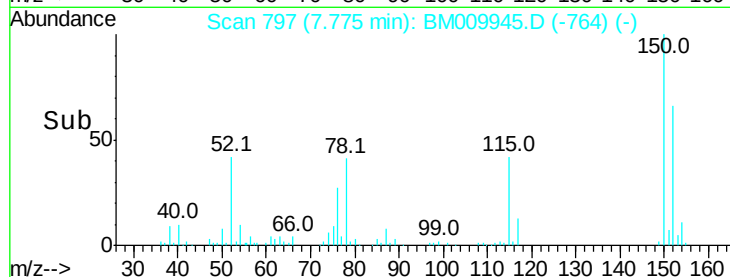
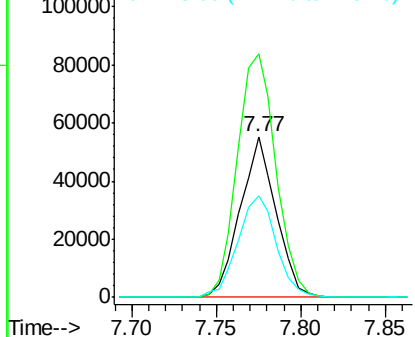
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009945.D
Acq: 06 May 2017 17:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 81504
Ion Ratio Lower Upper
152 100
150 151.8 119.5 179.3
115 63.3 43.0 64.4



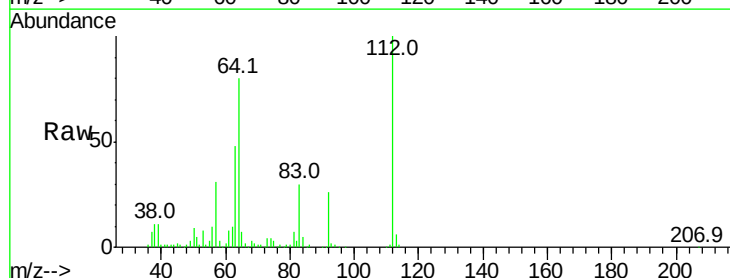
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



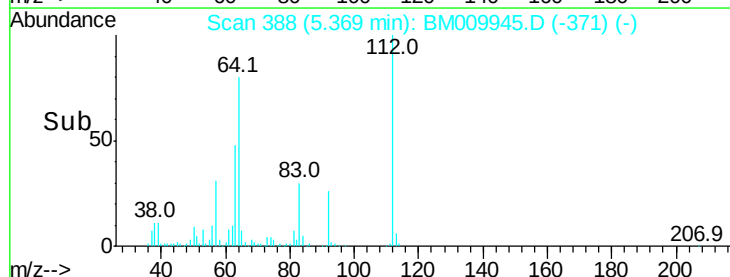
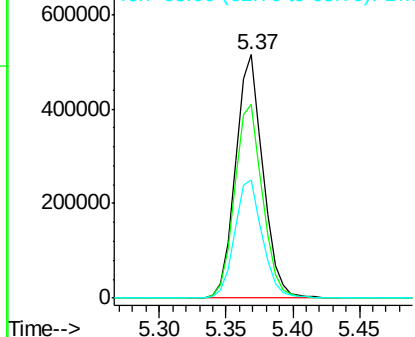
#5

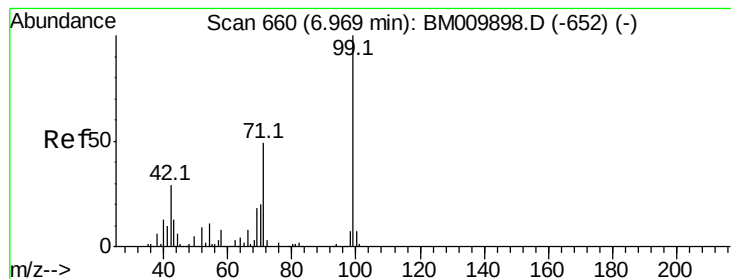
2-Fluorophenol
Concen: 143.33 ng
RT: 5.37 min Scan# 388
Delta R.T. 0.00 min
Lab File: BM009945.D
Acq: 06 May 2017 17:15

Tgt Ion:112 Resp: 733776
Ion Ratio Lower Upper
112 100
64 79.8 38.6 57.8#
63 48.4 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: 124.74 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

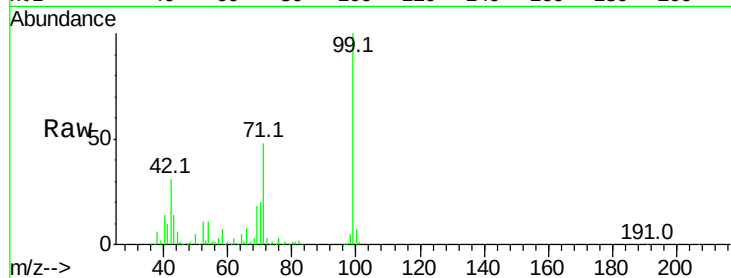
Lab File: BM009945.D

Acq: 06 May 2017 17:15

Instrument :

BNA_M

ClientSampled :



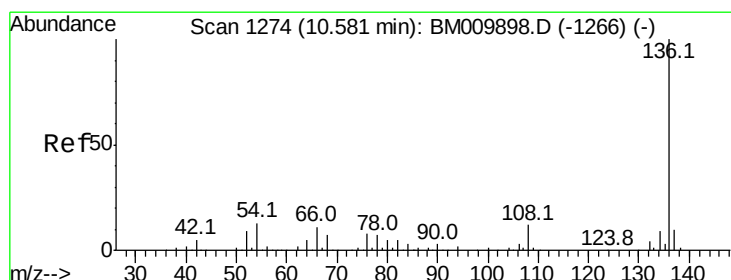
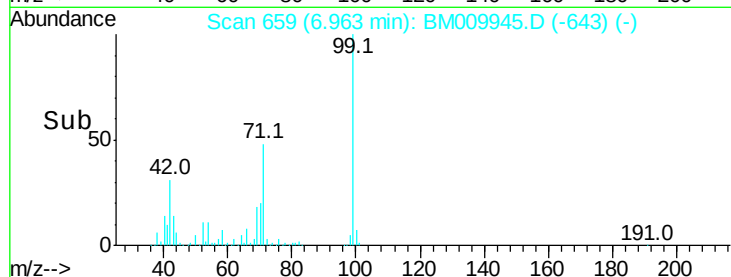
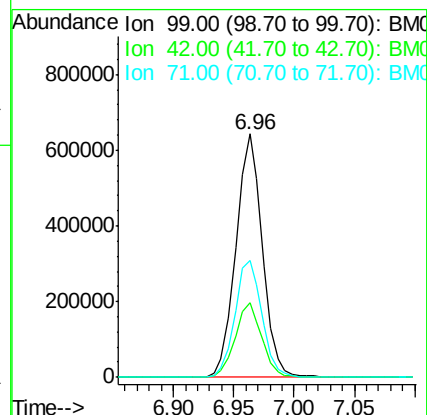
Tot Ion: 99 Resp: 978897

Ion Ratio Lower Upper

99 100

42 30.6 11.0 16.4#

71 48.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM009945.D

Acq: 06 May 2017 17:15

Tgt Ion: 136 Resp: 332953

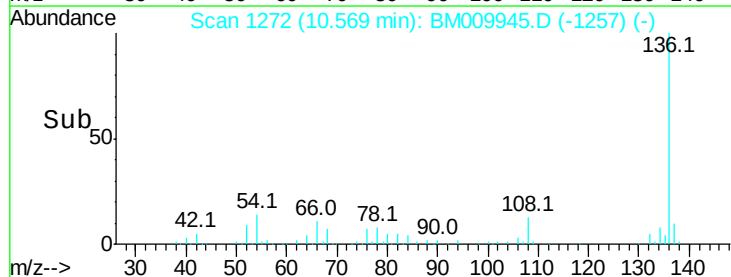
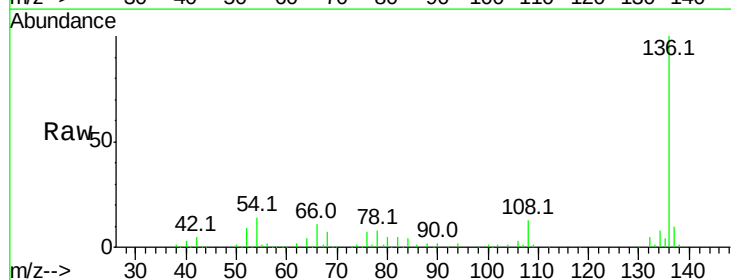
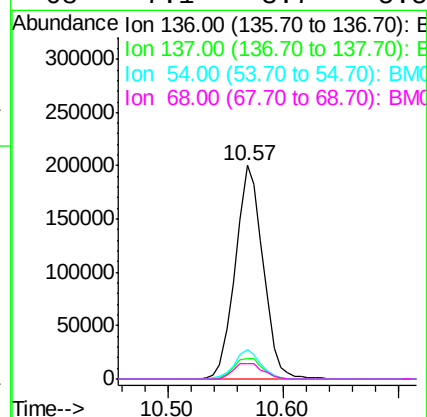
Ion Ratio Lower Upper

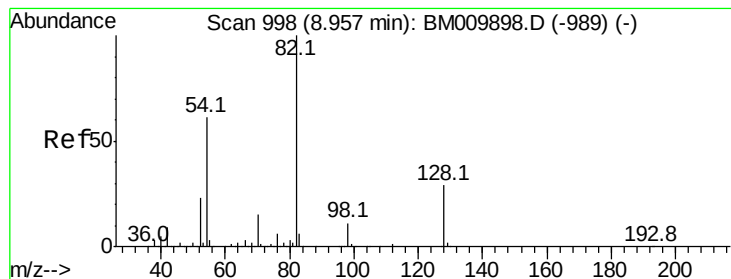
136 100

137 9.6 8.7 13.1

54 13.8 4.6 6.8#

68 7.1 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 95.28 ng

RT: 8.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BM009945.D

Acq: 06 May 2017 17:15

Instrument :

BNA_M

ClientSampleId :

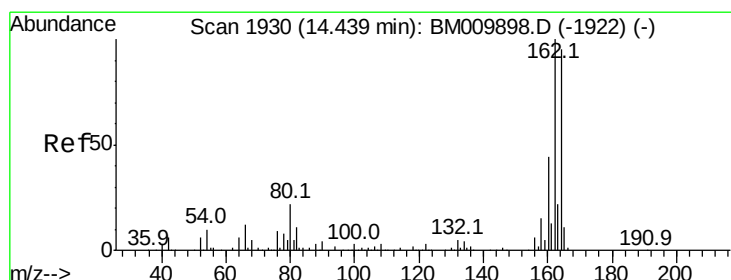
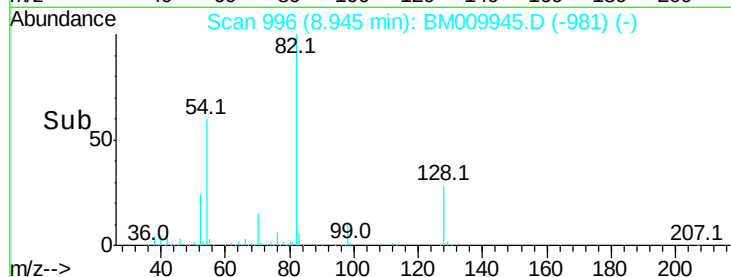
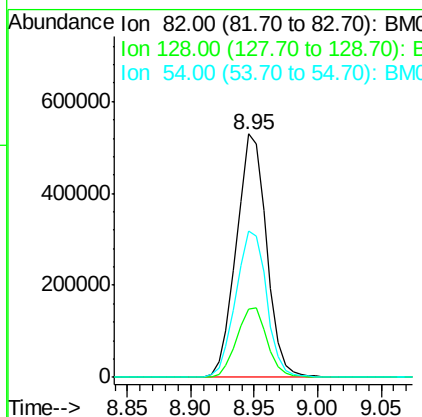
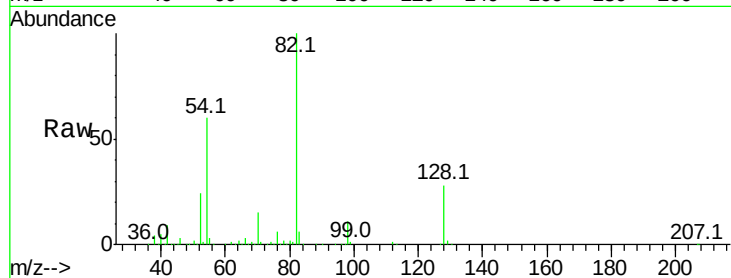
Tot Ion: 82 Resp: 876637

Ion Ratio Lower Upper

82 100

128 28.0 32.8 49.2#

54 60.1 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BM009945.D

Acq: 06 May 2017 17:15

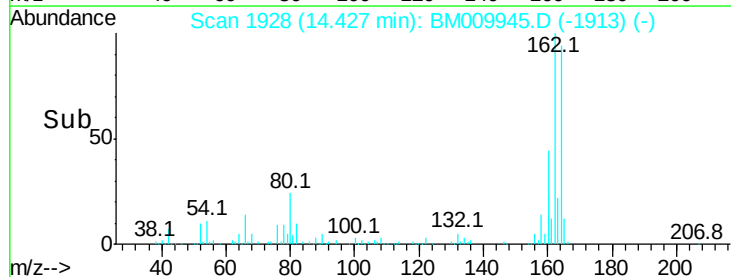
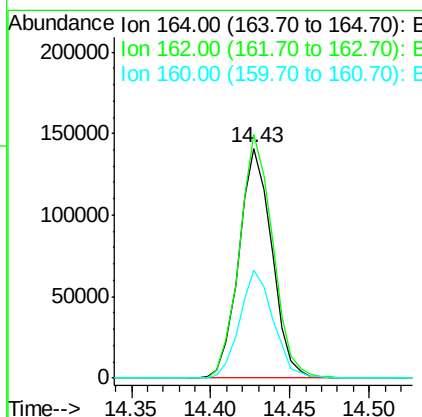
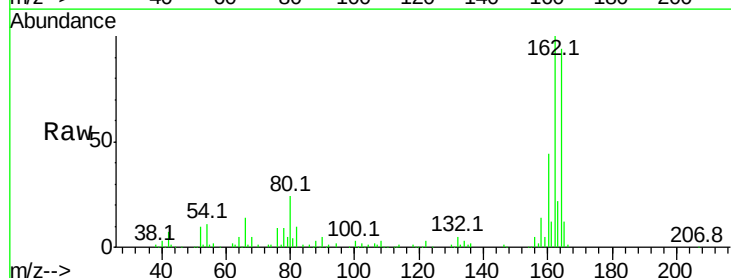
Tgt Ion: 164 Resp: 202810

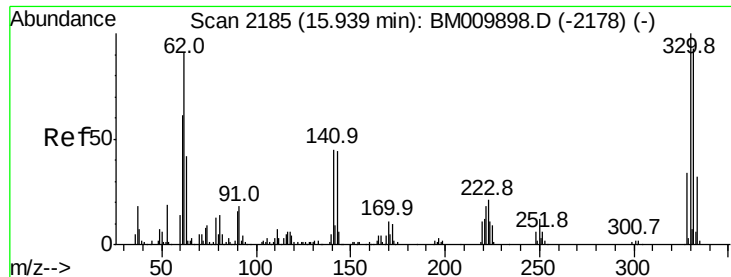
Ion Ratio Lower Upper

164 100

162 106.0 82.4 123.6

160 47.2 35.8 53.6

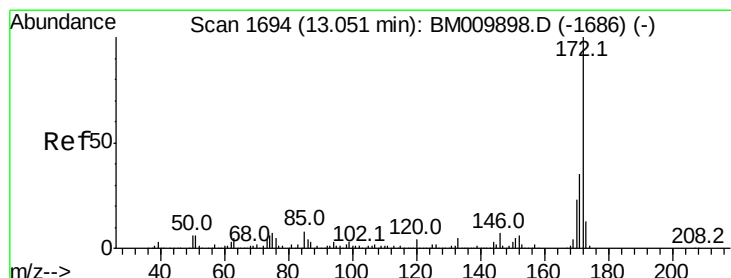
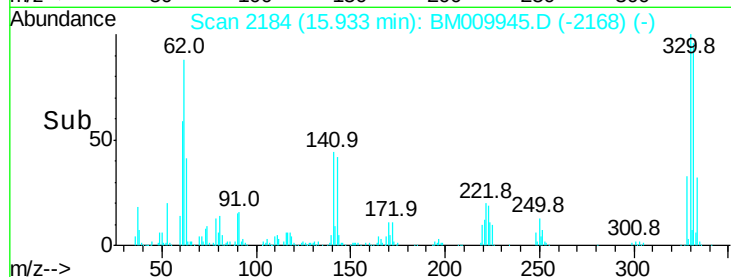
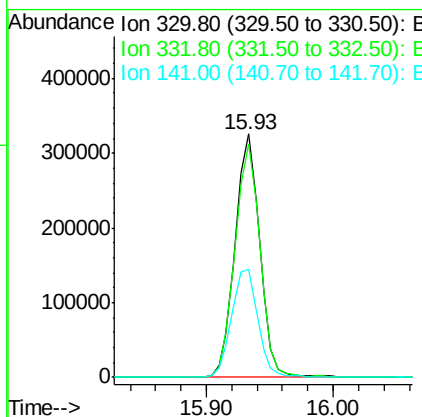
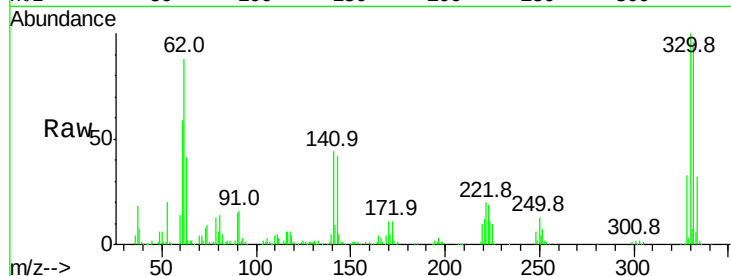




#41
 2,4,6-Tribromophenol
 Concen: 158.45 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009945.D
 Acq: 06 May 2017 17:15

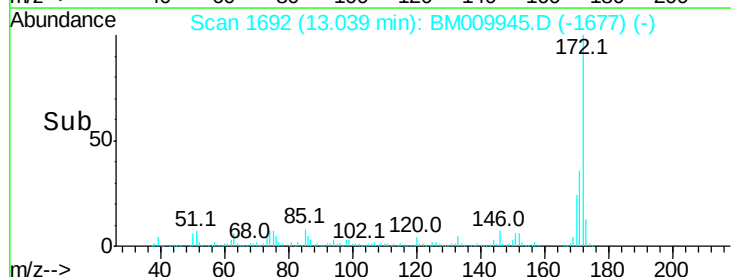
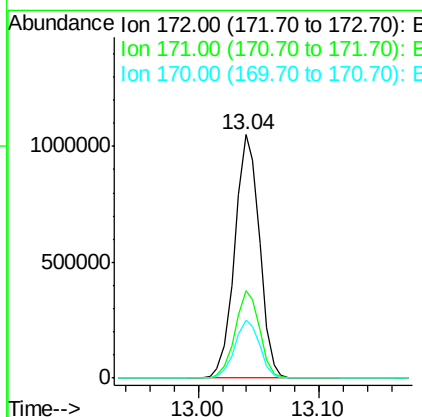
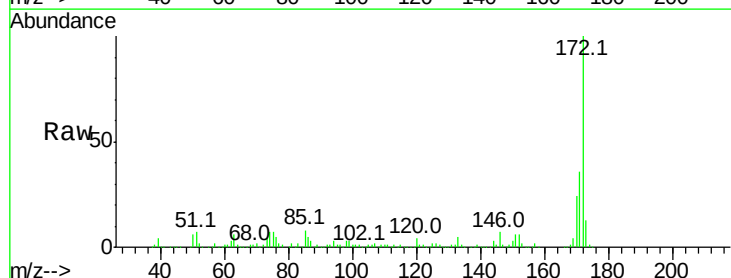
Instrument :
 BNA_M
 ClientSampleId :

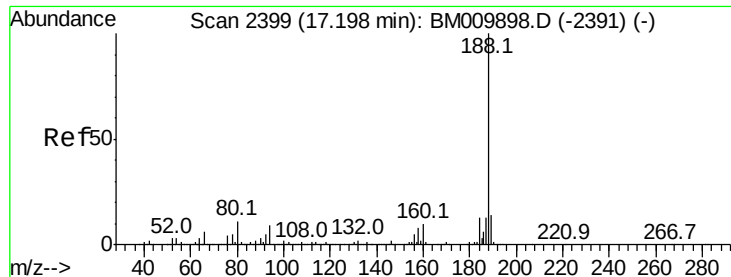
Tot Ion:330 Resp: 438897
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 47.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 96.42 ng
 RT: 13.04 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM009945.D
 Acq: 06 May 2017 17:15

Tgt Ion:172 Resp: 1500798
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.0 18.8 28.2

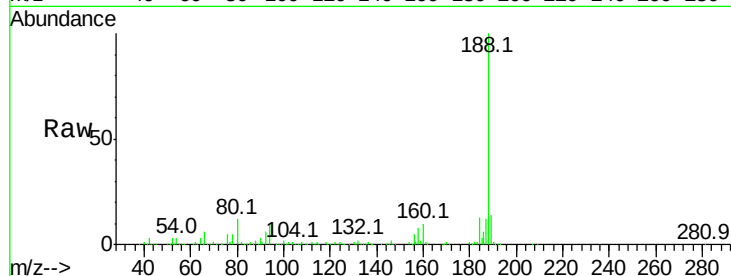




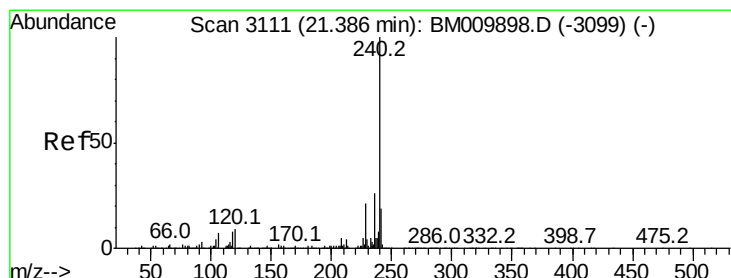
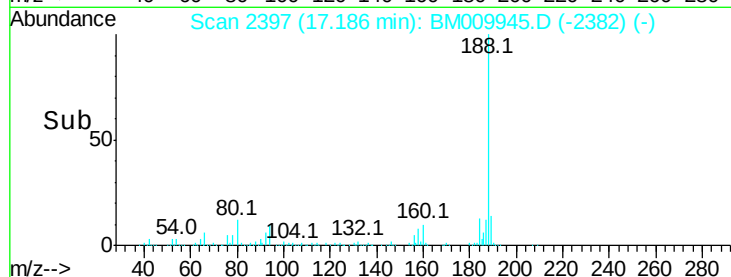
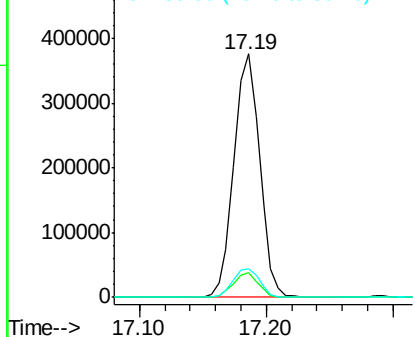
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009945.D
Acq: 06 May 2017 17:15

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 529152
Ion Ratio Lower Upper
188 100
94 9.9 8.7 13.1
80 11.8 9.3 13.9

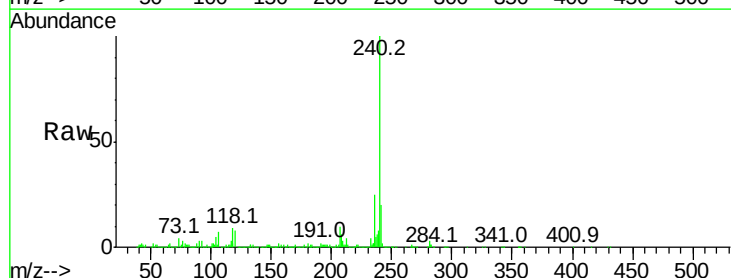


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

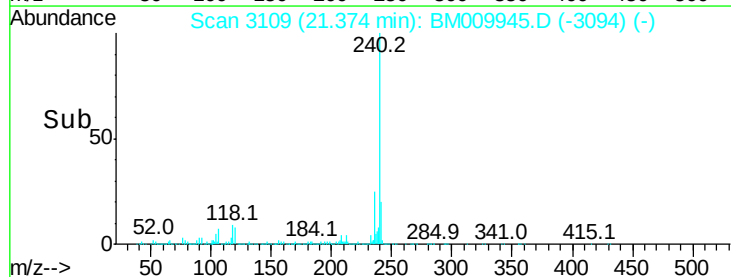
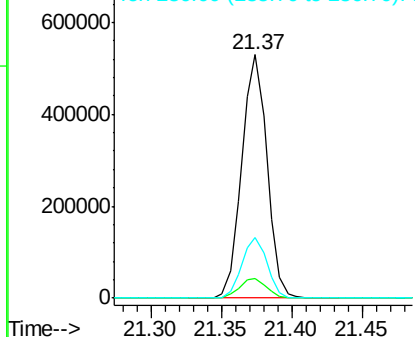


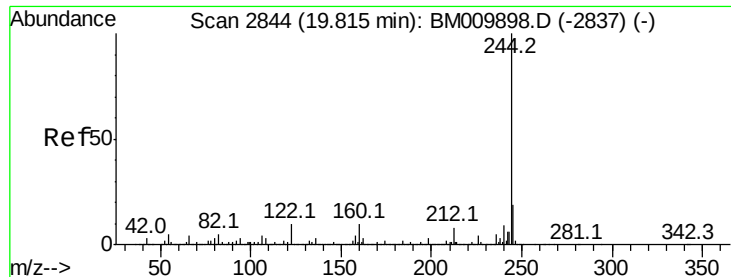
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM009945.D
Acq: 06 May 2017 17:15

Tgt Ion:240 Resp: 664187
Ion Ratio Lower Upper
240 100
120 8.2 8.2 12.2
236 24.7 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: 95.61 ng

RT: 19.81 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM009945.D

Acq: 06 May 2017 17:15

Instrument :

BNA_M

ClientSampleId :

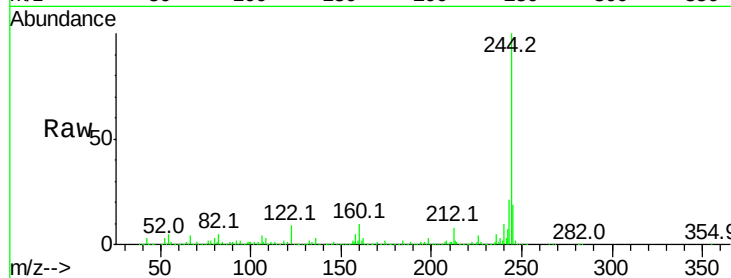
Tot Ion:244 Resp: 3095421

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

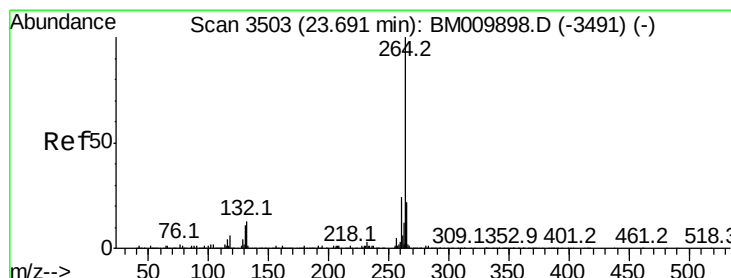
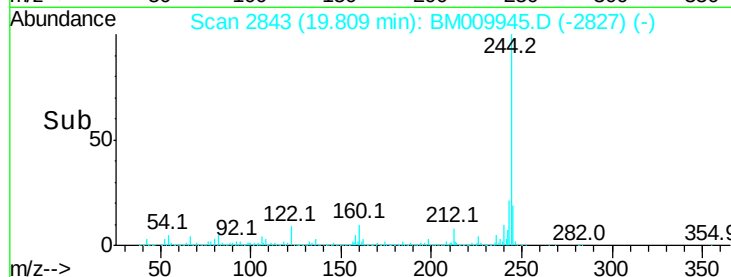
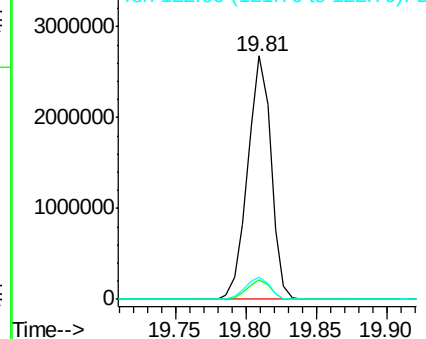
122 9.4 6.2 9.4#



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: 23.67 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BM009945.D

Acq: 06 May 2017 17:15

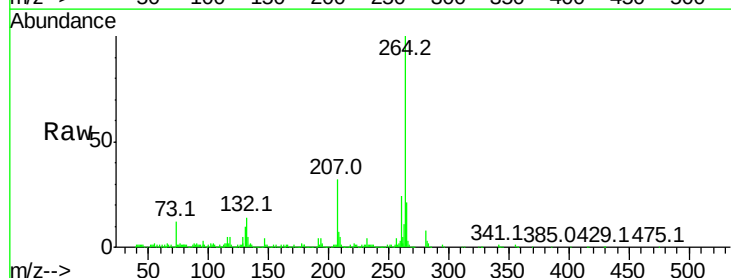
Tgt Ion:264 Resp: 526547

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 21.3 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

