

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
 Data File : BM009953.D
 Acq On : 06 May 2017 22:39
 Operator : SJ/MA
 Sample : I2995-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-AOC17-005

Quant Time: May 08 06:56:48 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	83733	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	331905	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	200211	20.00	ng	-0.01
63) Phenanthrene-d10	17.18	188	457585	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	437911	20.00	ng	-0.01
86) Perylene-d12	23.67	264	316655	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	789410	150.09	ng	0.00
7) Phenol-d6	6.96	99	1033122	128.15	ng	0.00
23) Nitrobenzene-d5	8.95	82	931030	101.51	ng	-0.01
41) 2,4,6-Tribromophenol	15.93	330	406273	148.58	ng	-0.01
44) 2-Fluorobiphenyl	13.04	172	1523692	99.16	ng	-0.01
78) Terphenyl-d14	19.81	244	2302207	107.85	ng	0.00

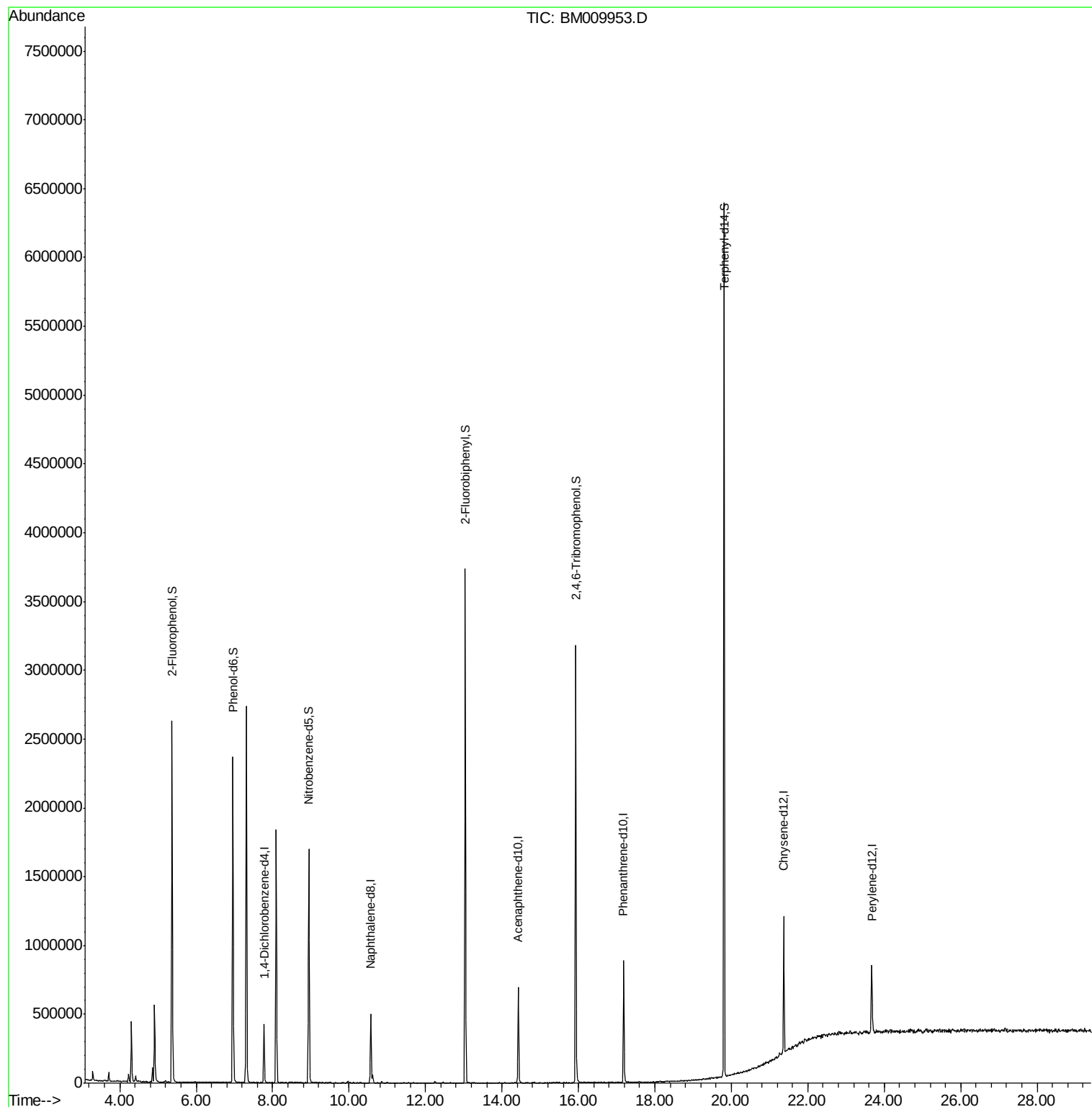
Target Compounds	Qvalue
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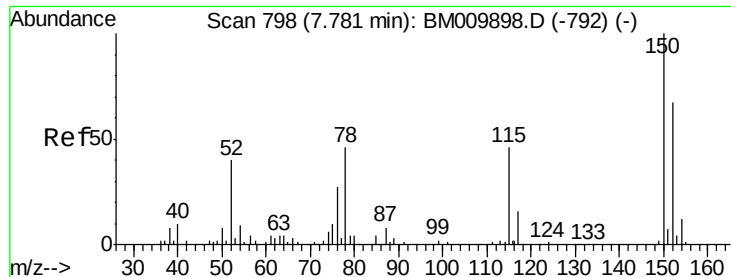
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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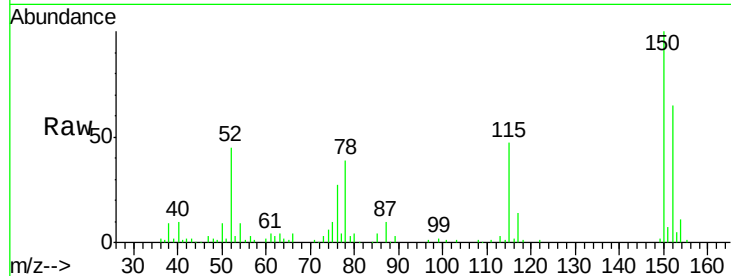


#1

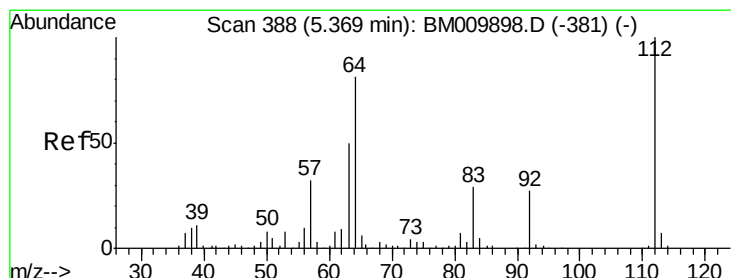
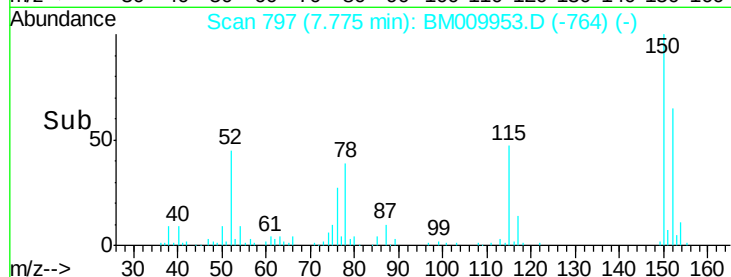
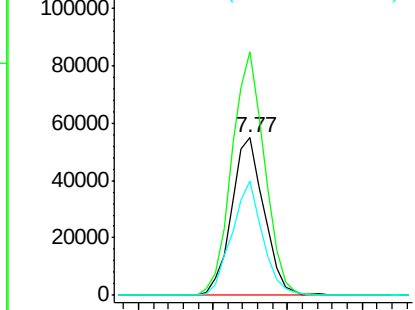
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BM009953.D
 Acq: 06 May 2017 22:39

Instrument :
 BNA_M
 ClientSampleId :
 WC-AOC17-005

Tgt Ion:152 Resp: 83733
 Ion Ratio Lower Upper
 152 100
 150 154.6 119.5 179.3
 115 72.9 43.0 64.4#



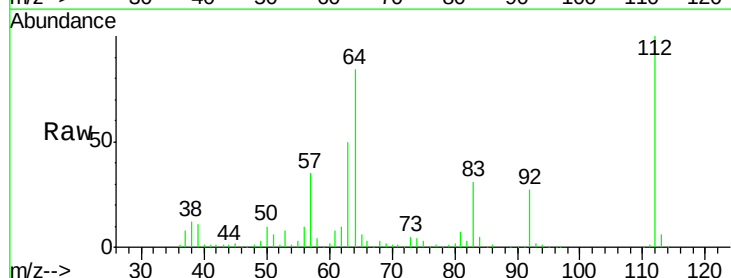
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



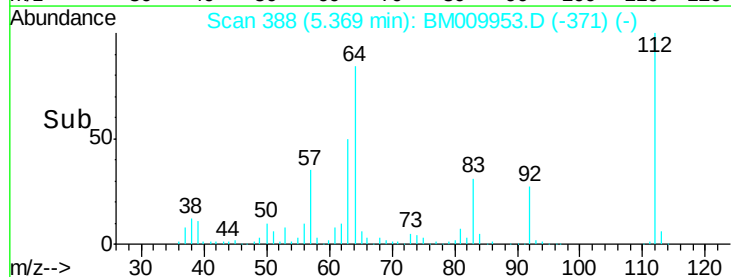
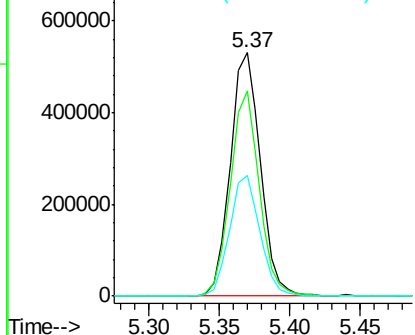
#5

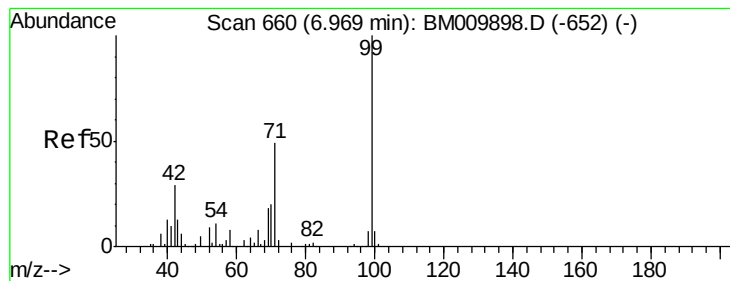
2-Fluorophenol
 Concen: 150.09 ng
 RT: 5.37 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: BM009953.D
 Acq: 06 May 2017 22:39

Tgt Ion:112 Resp: 789410
 Ion Ratio Lower Upper
 112 100
 64 84.4 38.6 57.8#
 63 49.8 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: 128.15 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009953.D

Acq: 06 May 2017 22:39

Instrument :

BNA_M

ClientSampleId :

WC-AOC17-005

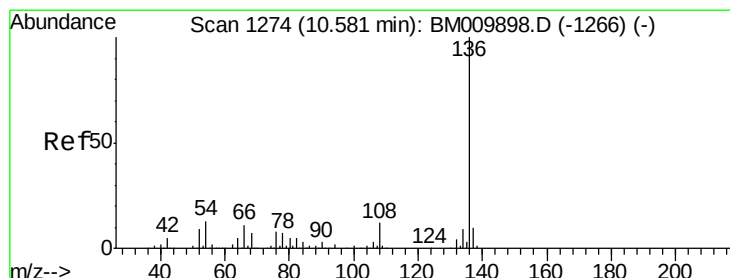
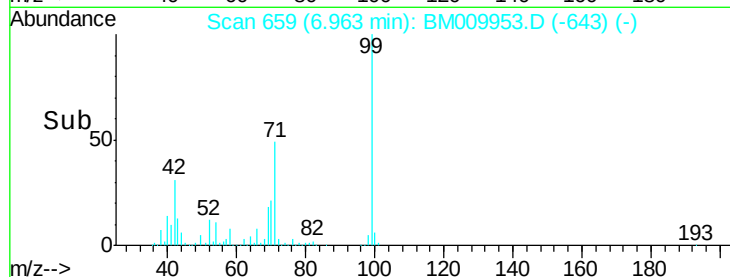
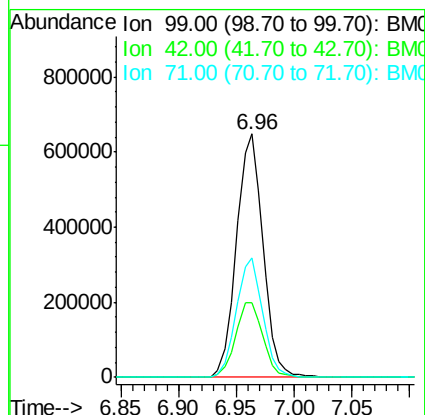
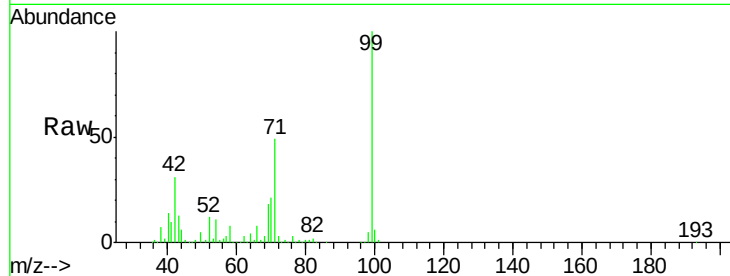
Tgt Ion: 99 Resp: 1033122

Ion Ratio Lower Upper

99 100

42 30.6 11.0 16.4#

71 49.2 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: BM009953.D

Acq: 06 May 2017 22:39

Tgt Ion: 136 Resp: 331905

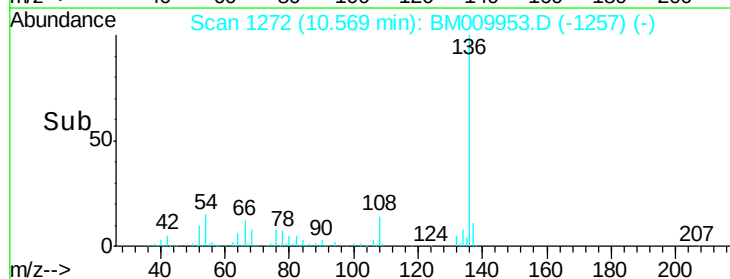
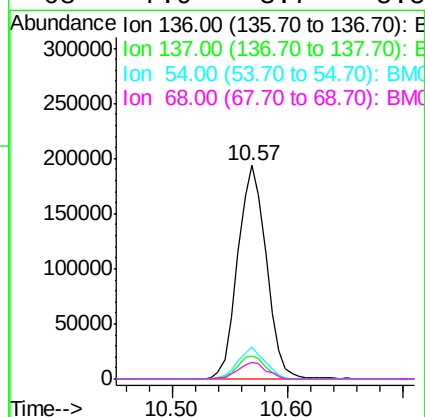
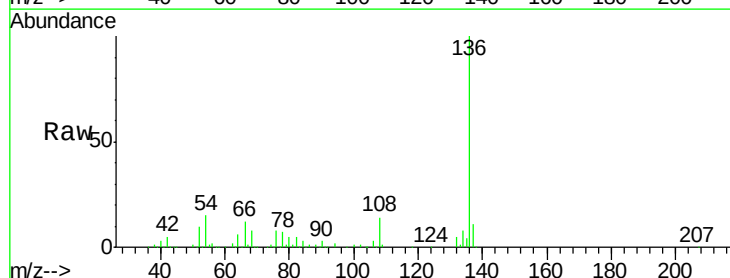
Ion Ratio Lower Upper

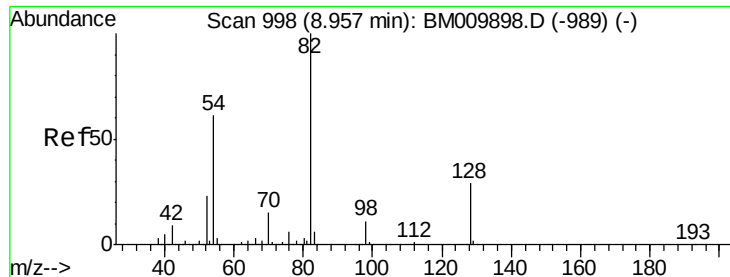
136 100

137 11.0 8.7 13.1

54 15.0 4.6 6.8#

68 7.9 3.7 5.5#

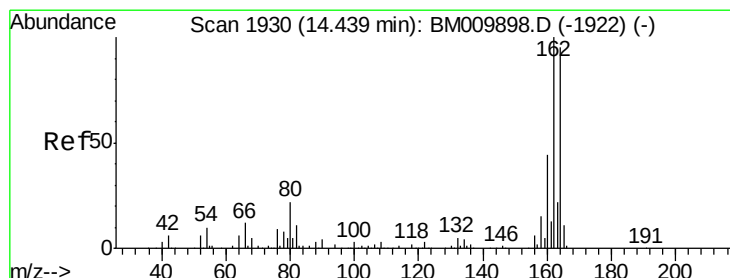
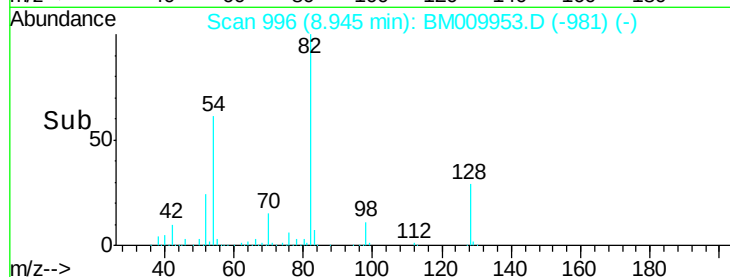
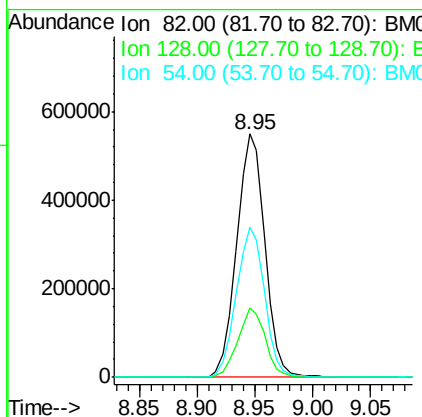
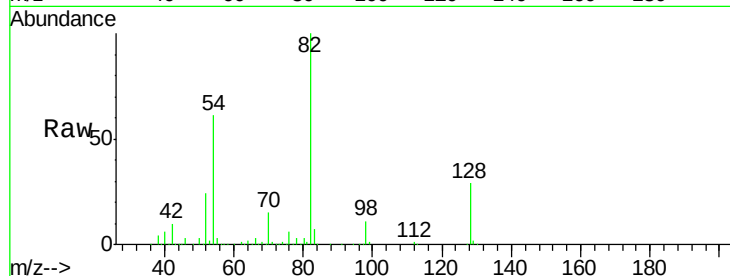




#23
 Nitrobenzene-d5
 Concen: 101.51 ng
 RT: 8.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BM009953.D
 Acq: 06 May 2017 22:39

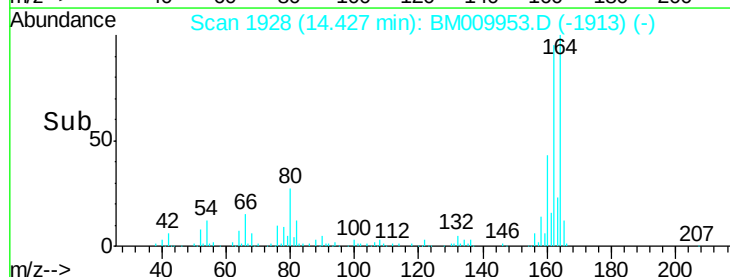
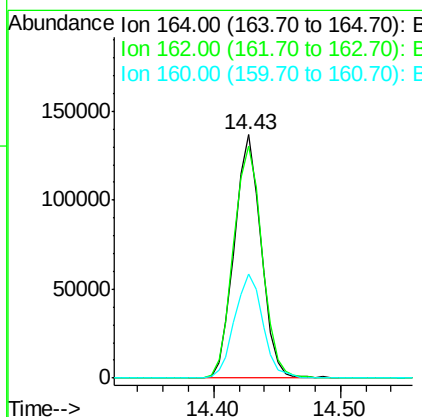
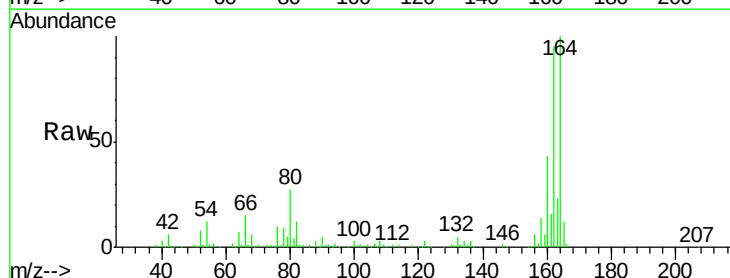
Instrument :
 BNA_M
 ClientSampleId :
 WC-AOC17-005

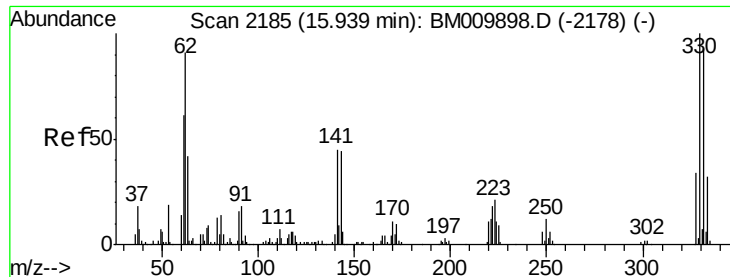
Tgt Ion: 82 Resp: 931030
 Ion Ratio Lower Upper
 82 100
 128 28.6 32.8 49.2#
 54 61.5 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM009953.D
 Acq: 06 May 2017 22:39

Tgt Ion: 164 Resp: 200211
 Ion Ratio Lower Upper
 164 100
 162 95.5 82.4 123.6
 160 42.7 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 148.58 ng

RT: 15.93 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM009953.D

Acq: 06 May 2017 22:39

Instrument :

BNA_M

ClientSampleId :

WC-AOC17-005

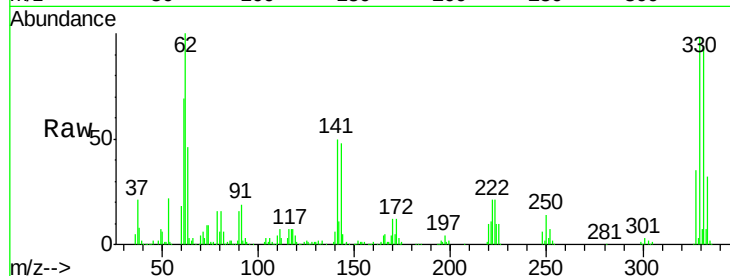
Tgt Ion:330 Resp: 406273

Ion Ratio Lower Upper

330 100

332 95.0 0.0 0.0#

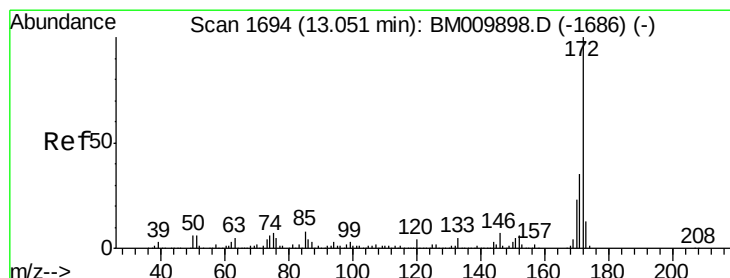
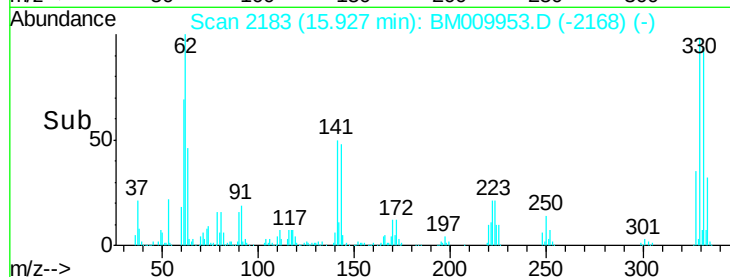
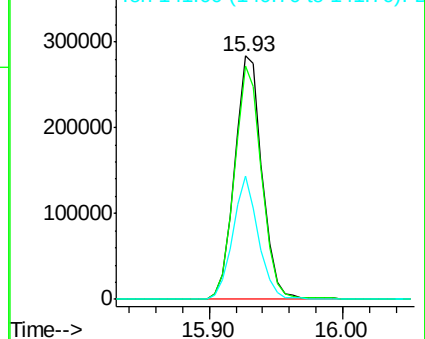
141 47.4 0.0 0.0#



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: 99.16 ng

RT: 13.04 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BM009953.D

Acq: 06 May 2017 22:39

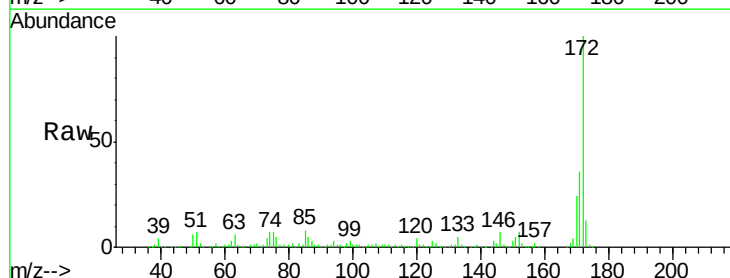
Tgt Ion:172 Resp: 1523692

Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

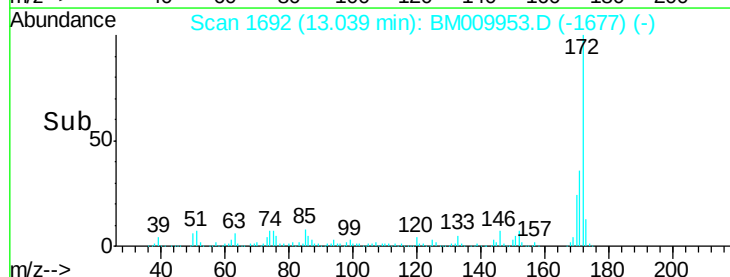
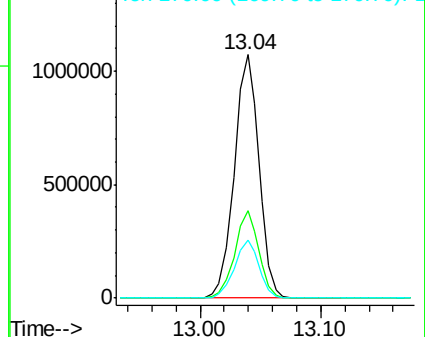
170 24.1 18.8 28.2

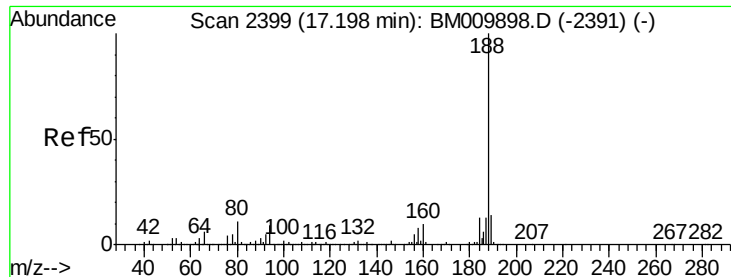


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

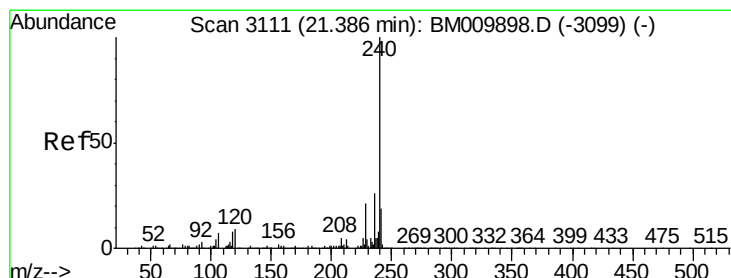
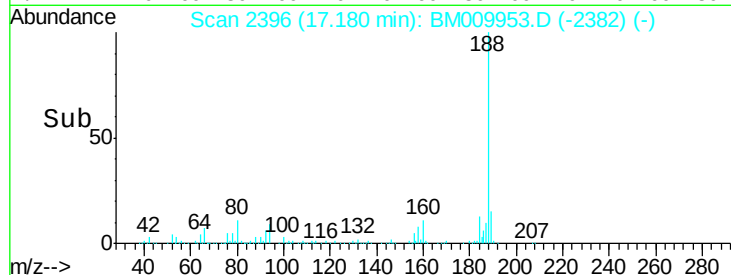
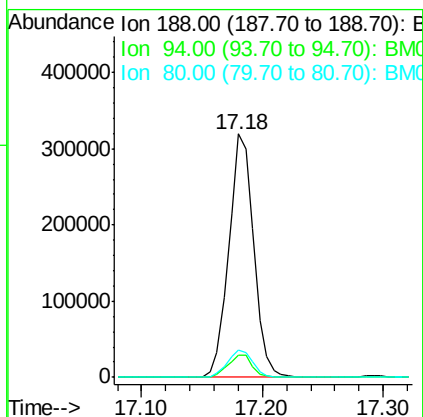
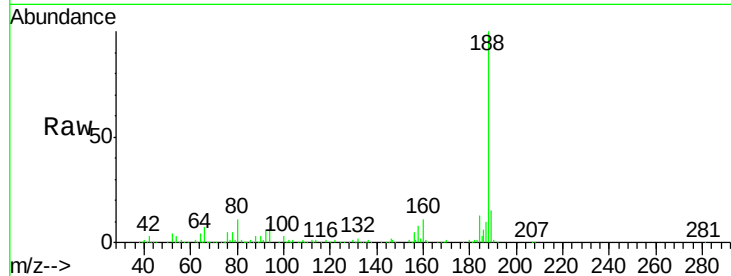




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM009953.D
Acq: 06 May 2017 22:39

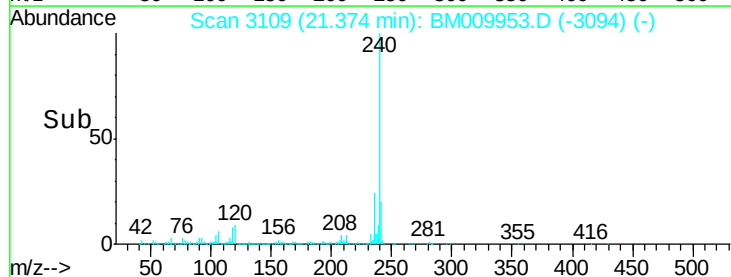
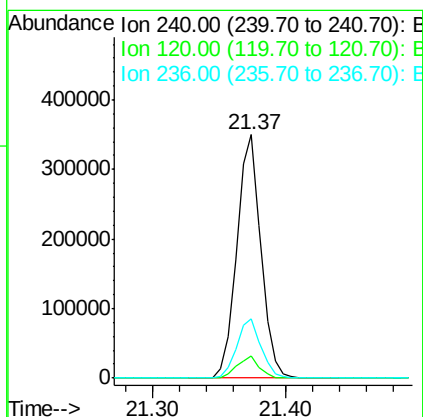
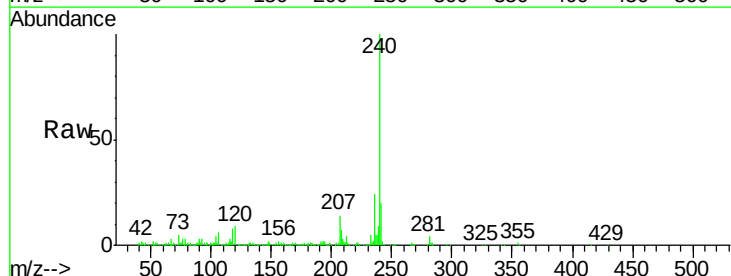
Instrument :
BNA_M
ClientSampleId :
WC-AOC17-005

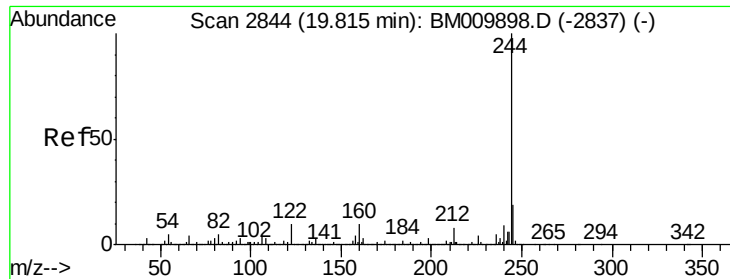
Tgt Ion:188 Resp: 457585
Ion Ratio Lower Upper
188 100
94 8.9 8.7 13.1
80 11.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM009953.D
Acq: 06 May 2017 22:39

Tgt Ion:240 Resp: 437911
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 24.1 20.0 30.0





#78

Terphenyl-d14

Concen: 107.85 ng

RT: 19.81 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM009953.D

Acq: 06 May 2017 22:39

Instrument :

BNA_M

ClientSampleId :

WC-AOC17-005

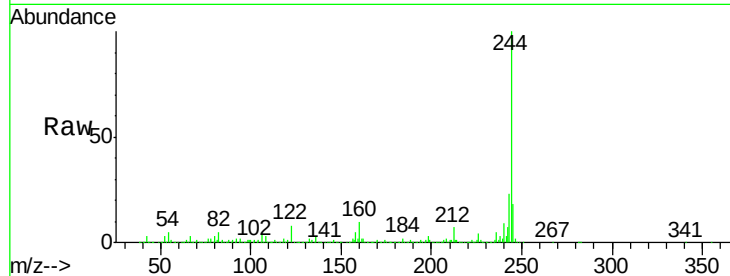
Tgt Ion:244 Resp: 2302207

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 8.5 6.2 9.4



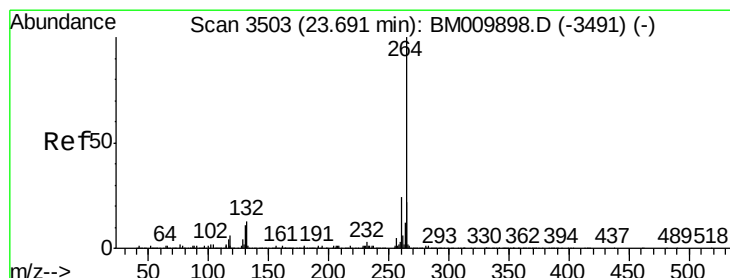
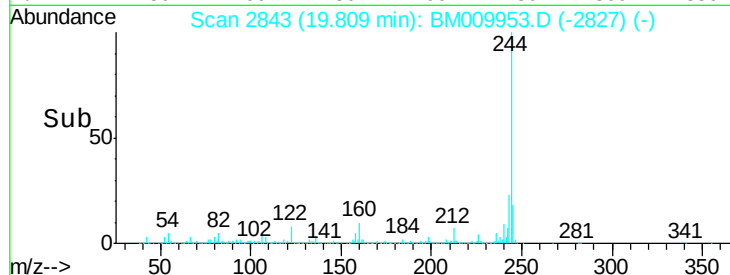
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.81

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.67 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BM009953.D

Acq: 06 May 2017 22:39

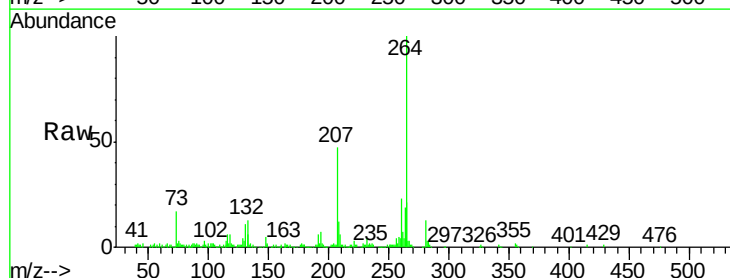
Tgt Ion:264 Resp: 316655

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.5 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

23.67

Time-->

