

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
 Data File : BM009962.D
 Acq On : 07 May 2017 04:03
 Operator : SJ/MA
 Sample : I2997-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OWL-C5-GW

Quant Time: May 08 07:14:54 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

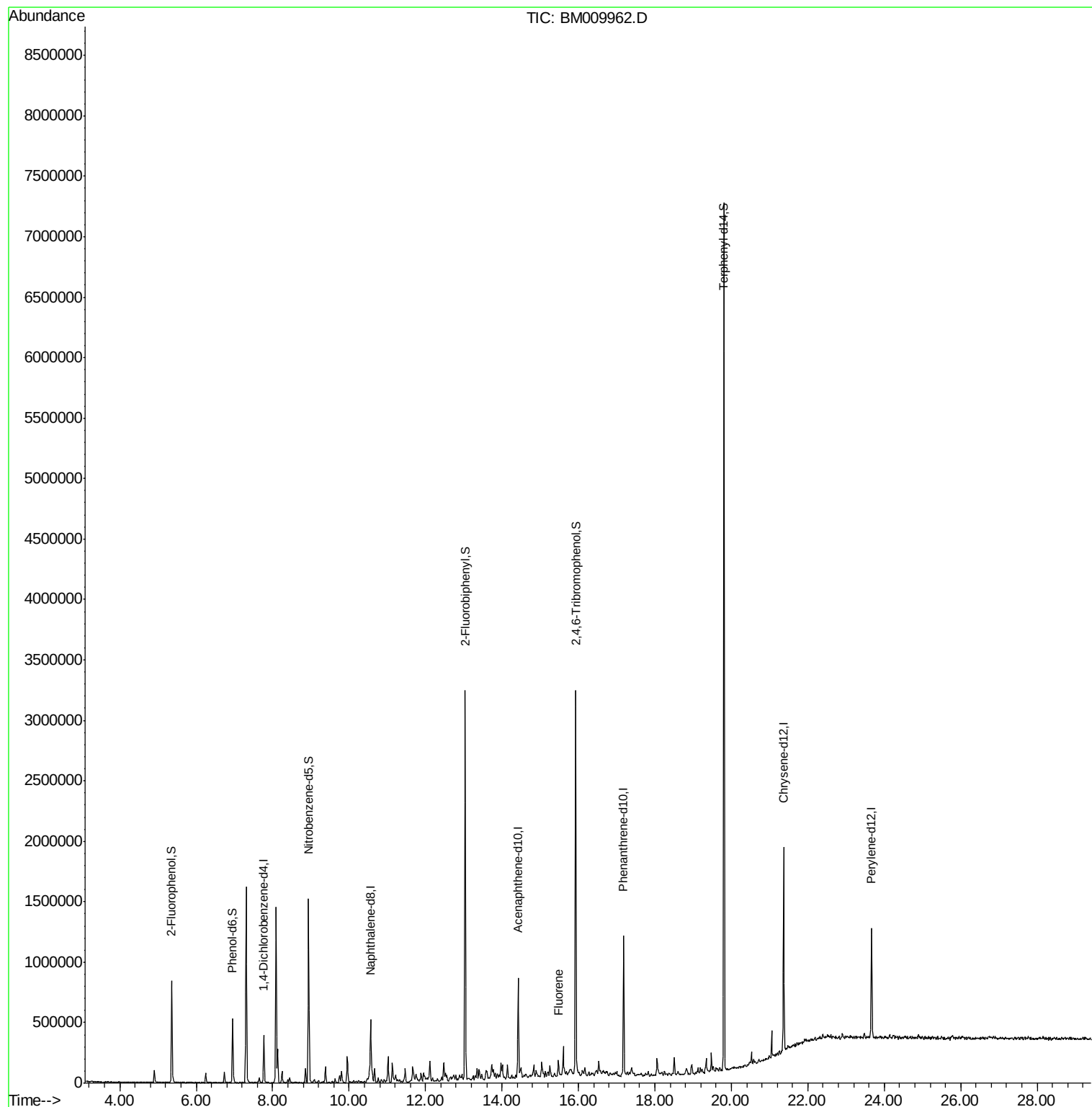
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	79028	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	324175	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	219662	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	562077	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	736841	20.00	ng	-0.02
86) Perylene-d12	23.67	264	591548	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	262566	52.89	ng	-0.01
7) Phenol-d6	6.95	99	229030	30.10	ng	-0.02
23) Nitrobenzene-d5	8.94	82	735663	82.12	ng	-0.02
41) 2,4,6-Tribromophenol	15.93	330	414893	138.29	ng	-0.01
44) 2-Fluorobiphenyl	13.03	172	1337311	79.32	ng	-0.02
78) Terphenyl-d14	19.80	244	2561017	71.30	ng	-0.01
Target Compounds						
57) Fluorene	15.47	166	48035	2.49	ng	Qvalue 97

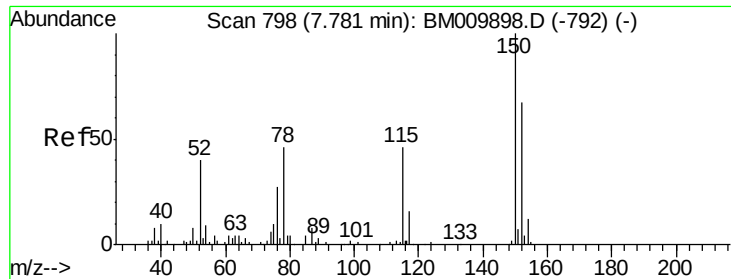
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

Instrument :

BNA_M

ClientSampled :

OWL-C5-GW

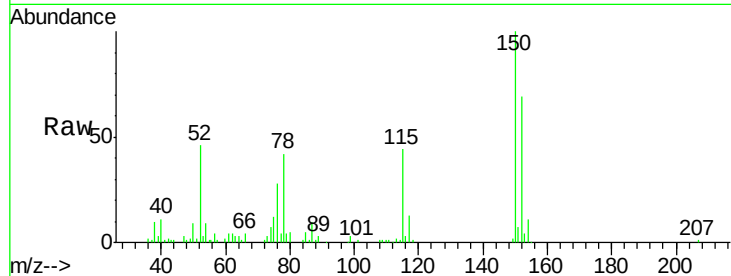
Tgt Ion:152 Resp: 79028

Ion Ratio Lower Upper

152 100

150 144.4 119.5 179.3

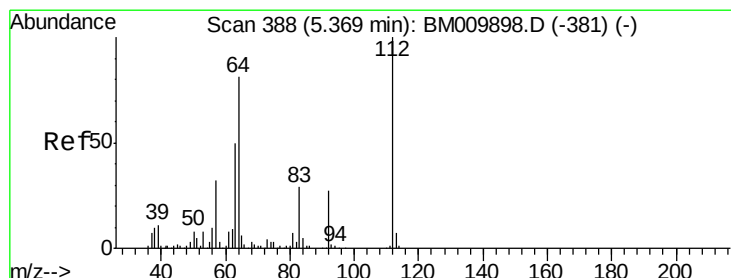
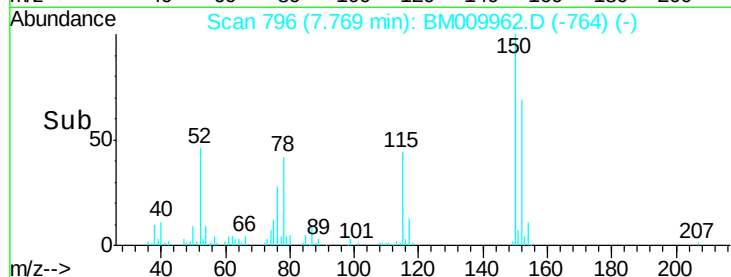
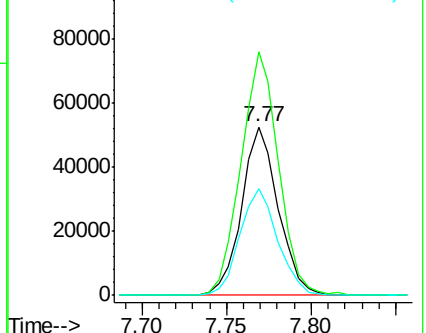
115 63.2 43.0 64.4



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: 52.89 ng

RT: 5.36 min Scan# 386

Delta R.T. -0.01 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

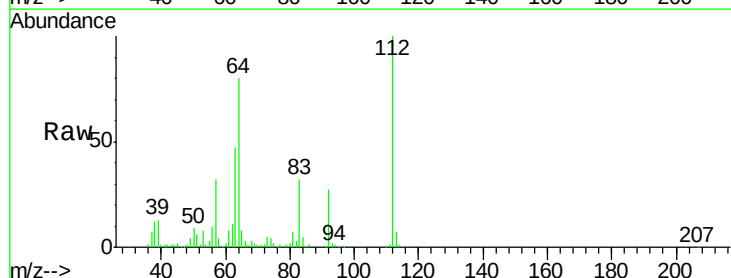
Tgt Ion:112 Resp: 262566

Ion Ratio Lower Upper

112 100

64 80.3 38.6 57.8#

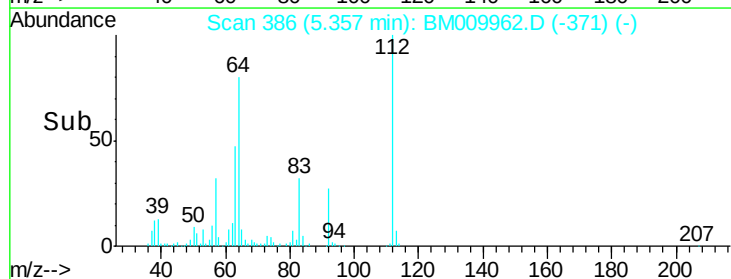
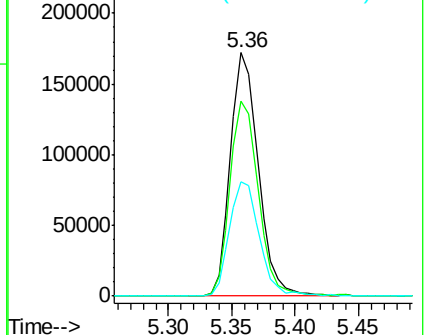
63 47.2 19.3 28.9#

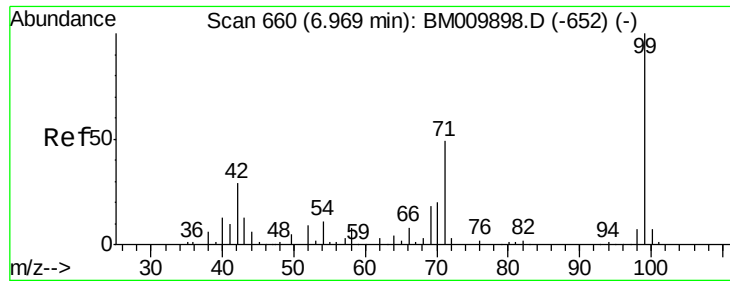


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 30.10 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

Instrument :

BNA_M

ClientSampleId :

OWL-C5-GW

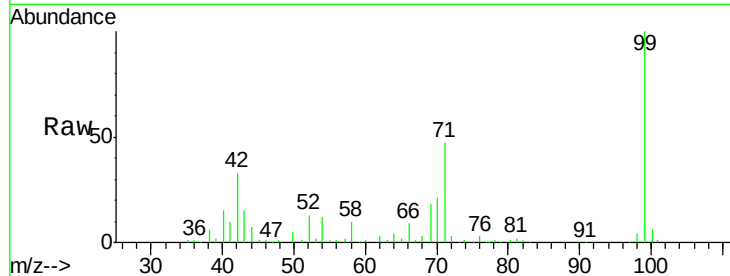
Tgt Ion: 99 Resp: 229030

Ion Ratio Lower Upper

99 100

42 32.8 11.0 16.4#

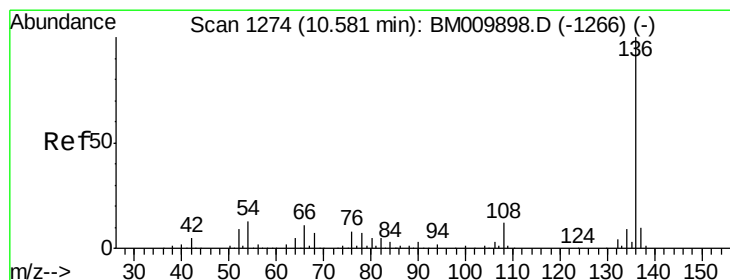
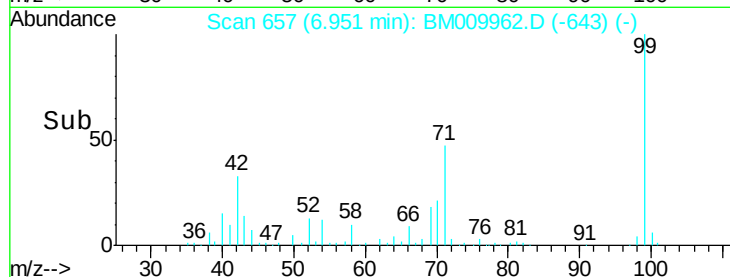
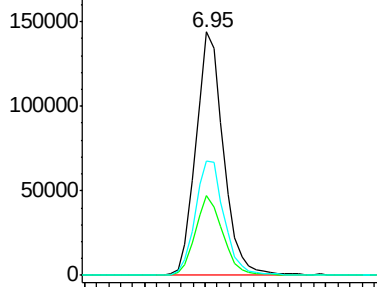
71 46.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009898.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009898.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009898.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

Tgt Ion: 136 Resp: 324175

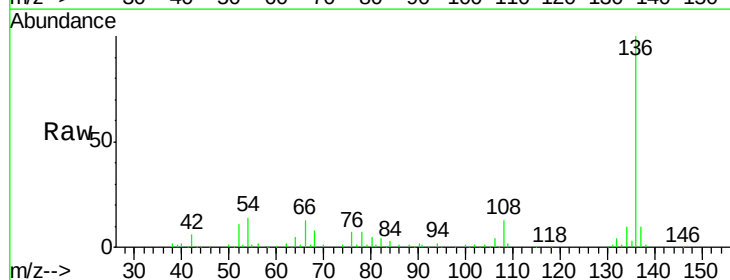
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 13.6 4.6 6.8#

68 7.6 3.7 5.5#

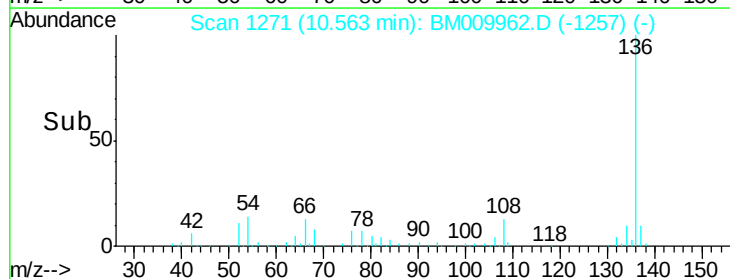
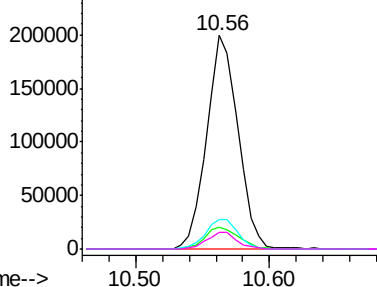


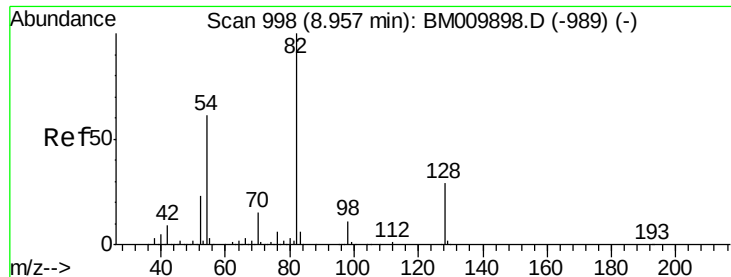
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

Ion 137.00 (136.70 to 137.70): BM009898.D (-1266) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-1266) (-)

Ion 68.00 (67.70 to 68.70): BM009898.D (-1266) (-)

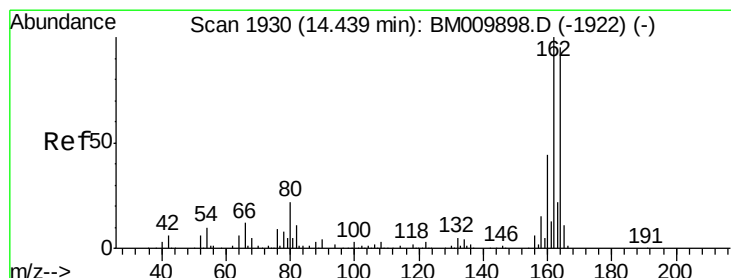
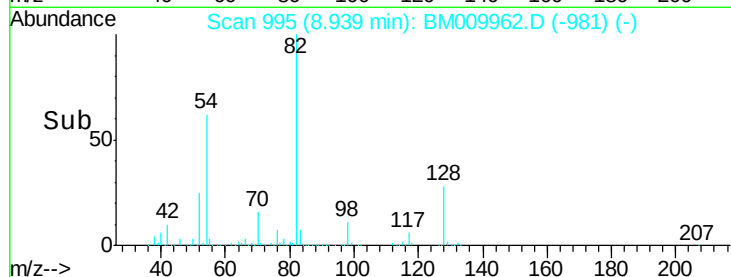
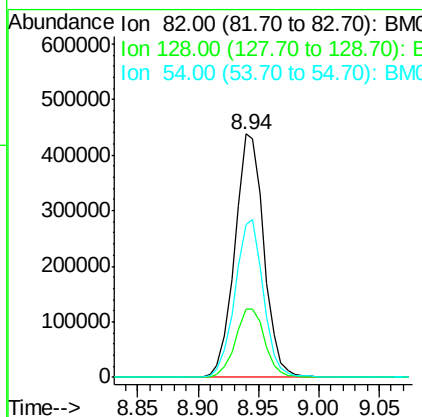
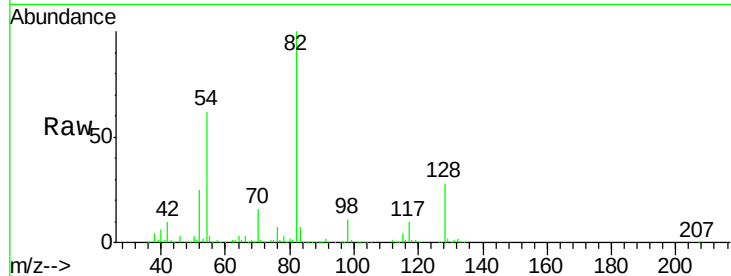




#23
 Nitrobenzene-d5
 Concen: 82.12 ng
 RT: 8.94 min Scan# 995
 Delta R.T. -0.02 min
 Lab File: BM009962.D
 Acq: 07 May 2017 04:03

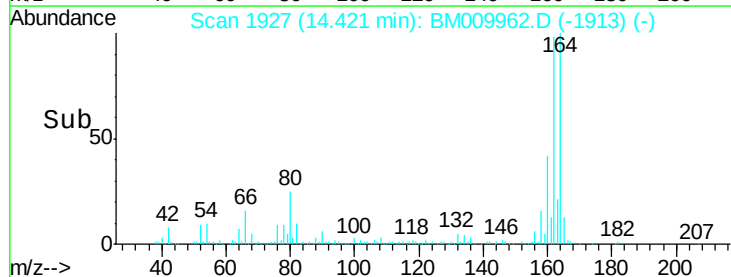
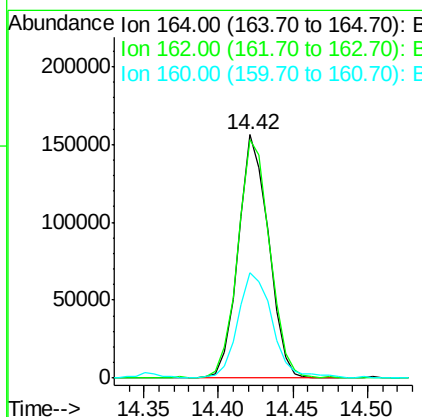
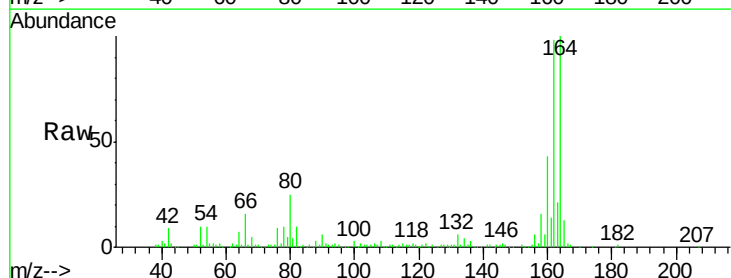
Instrument :
 BNA_M
 ClientSampleId :
 OWL-C5-GW

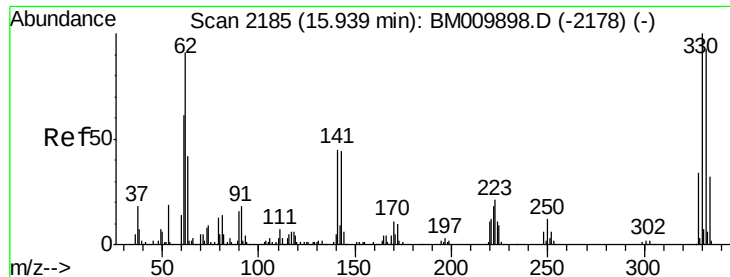
Tgt Ion	Ratio	Lower	Upper
82	100		
128	28.3	32.8	49.2#
54	62.5	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BM009962.D
 Acq: 07 May 2017 04:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	82.4	123.6
160	43.0	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 138.29 ng

RT: 15.93 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

Instrument :

BNA_M

ClientSampleId :

OWL-C5-GW

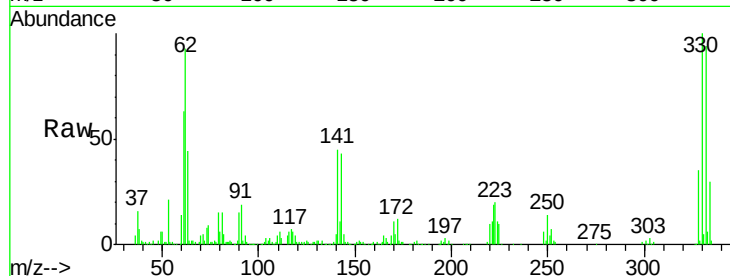
Tgt Ion:330 Resp: 414893

Ion Ratio Lower Upper

330 100

332 93.2 0.0 0.0#

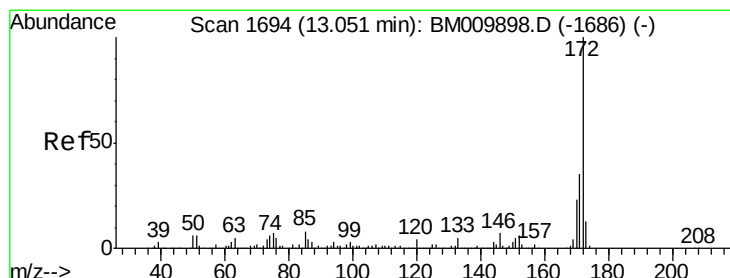
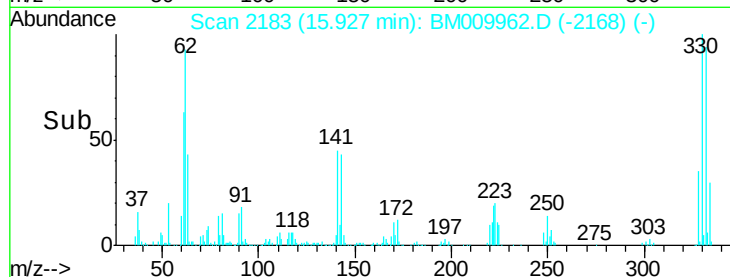
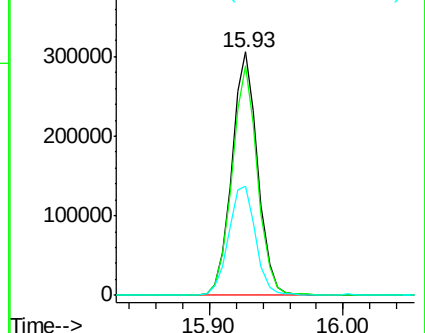
141 46.6 0.0 0.0#



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: 79.32 ng

RT: 13.03 min Scan# 1691

Delta R.T. -0.02 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

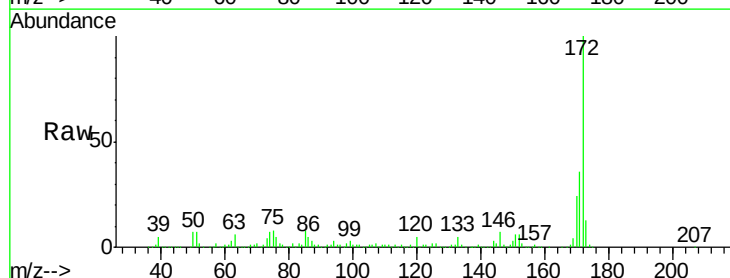
Tgt Ion:172 Resp: 1337311

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

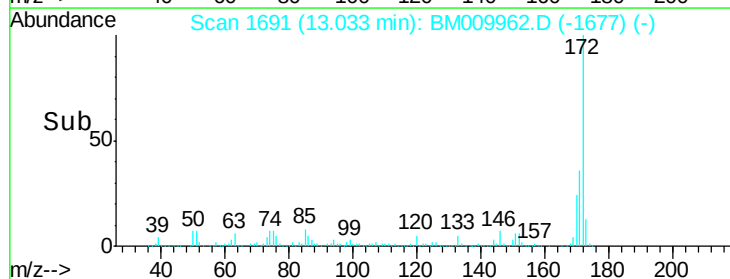
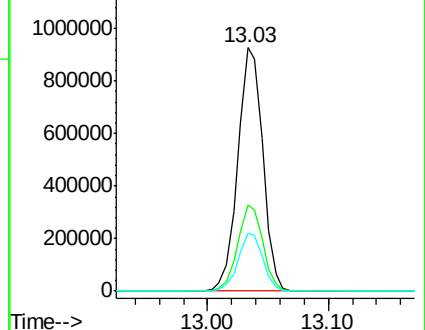
170 23.9 18.8 28.2

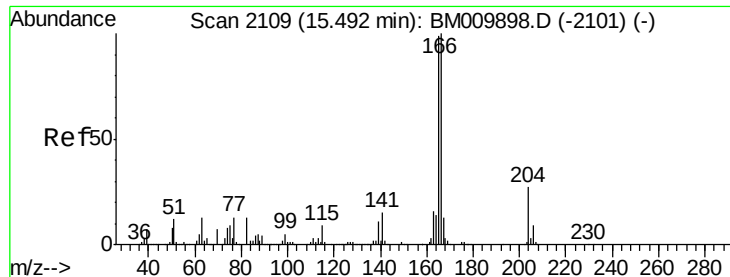


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#57

Fluorene

Concen: 2.49 ng

RT: 15.47 min Scan# 2106

Delta R.T. -0.02 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

Instrument :

BNA_M

ClientSampleId :

OWL-C5-GW

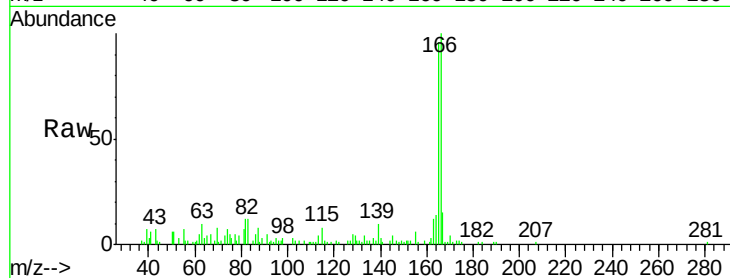
Tgt Ion:166 Resp: 48035

Ion Ratio Lower Upper

166 100

165 95.9 79.0 118.4

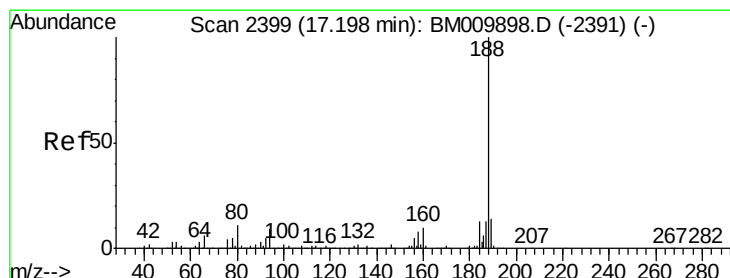
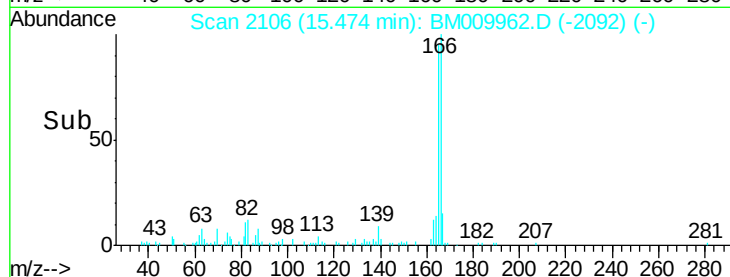
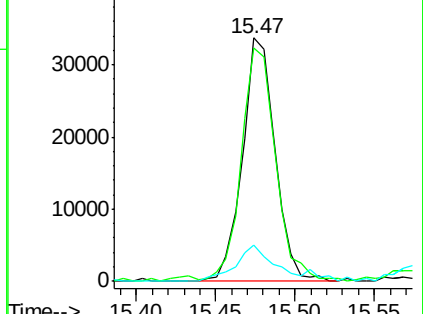
167 14.9 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2396

Delta R.T. -0.02 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

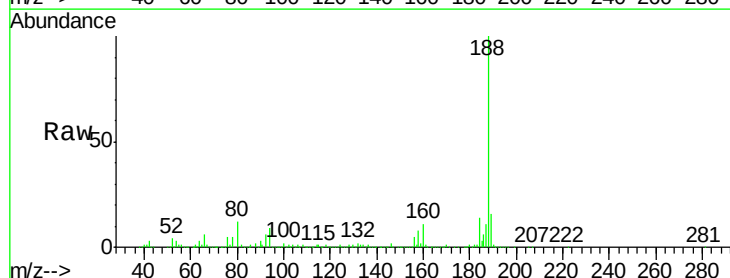
Tgt Ion:188 Resp: 562077

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

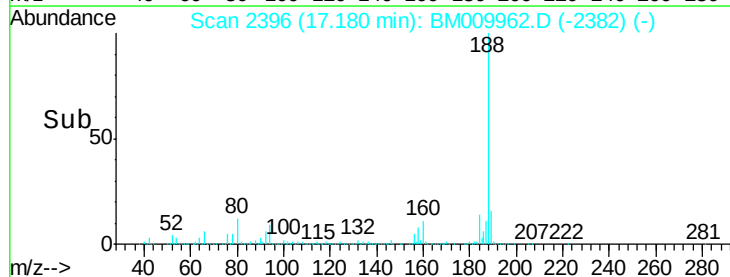
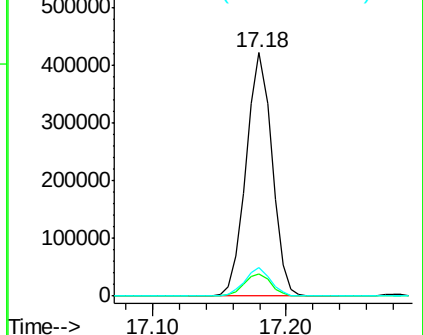
80 11.8 9.3 13.9

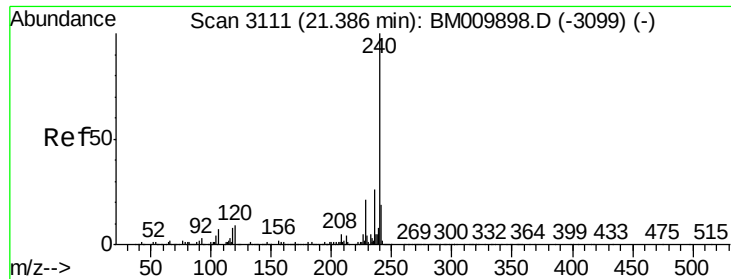


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

Instrument :

BNA_M

ClientSampleId :

OWL-C5-GW

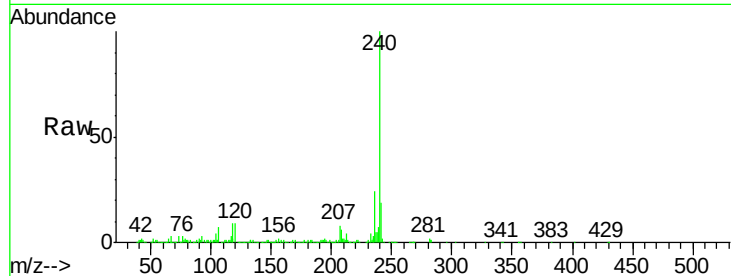
Tgt Ion:240 Resp: 736841

Ion Ratio Lower Upper

240 100

120 8.7 8.2 12.2

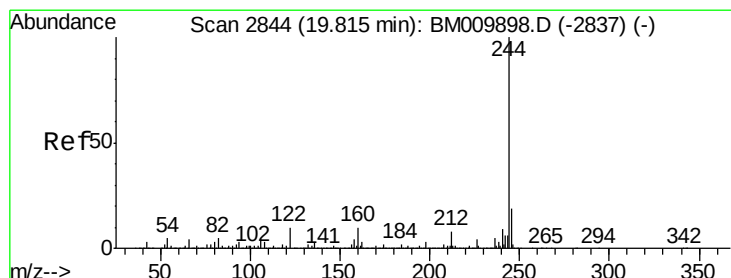
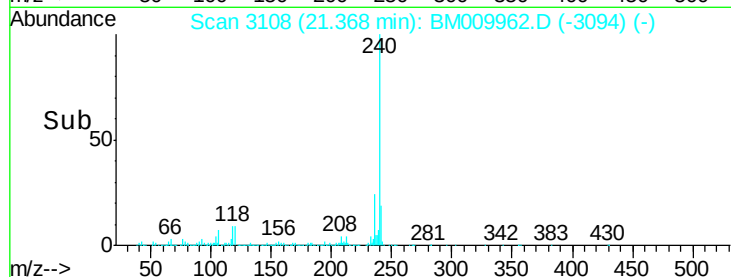
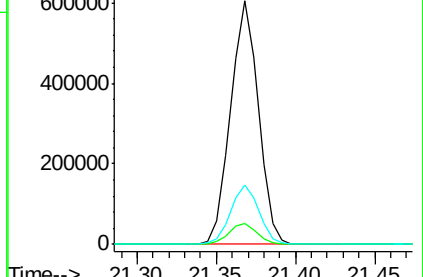
236 24.2 20.0 30.0



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: 71.30 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

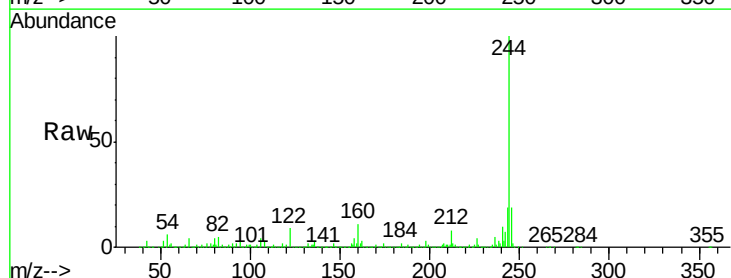
Tgt Ion:244 Resp: 2561017

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

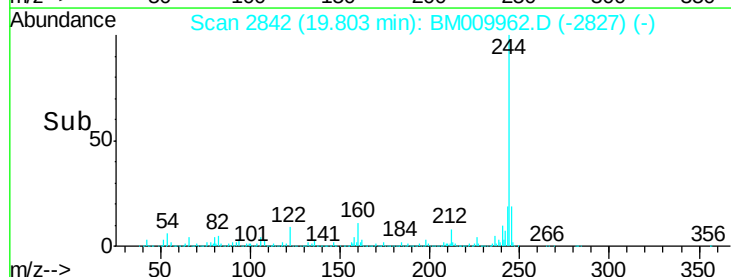
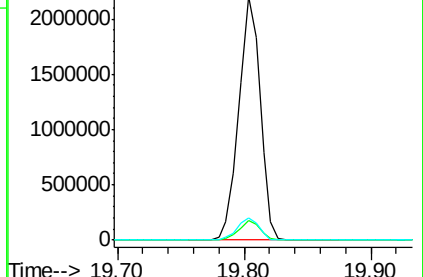
122 9.1 6.2 9.4

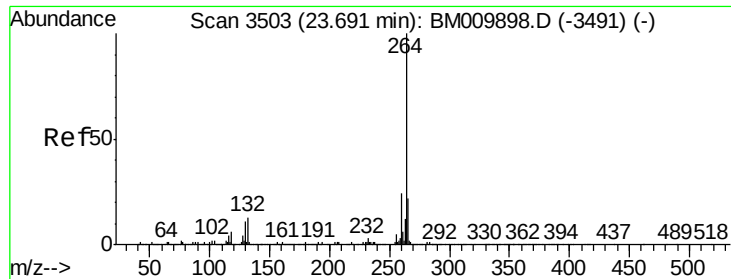


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3499
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Instrument :
BNA_M
ClientSampleId :
OWL-C5-GW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.5	17.3	25.9

