

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050517\
 Data File : BM009926.D
 Acq On : 06 May 2017 05:30
 Operator : SJ/MA
 Sample : I2893-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 06 07:08:55 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	105381	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	444358	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	266529	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	636021	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	613027	20.00	ng	-0.01
86) Perylene-d12	23.69	264	471703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	440524	66.55	ng	0.00
7) Phenol-d6	6.96	99	390422	38.48	ng	0.00
23) Nitrobenzene-d5	8.95	82	1237626	100.79	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	578729	158.98	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	2162105	105.69	ng	0.00
78) Terphenyl-d14	19.82	244	3402250	113.85	ng	0.00

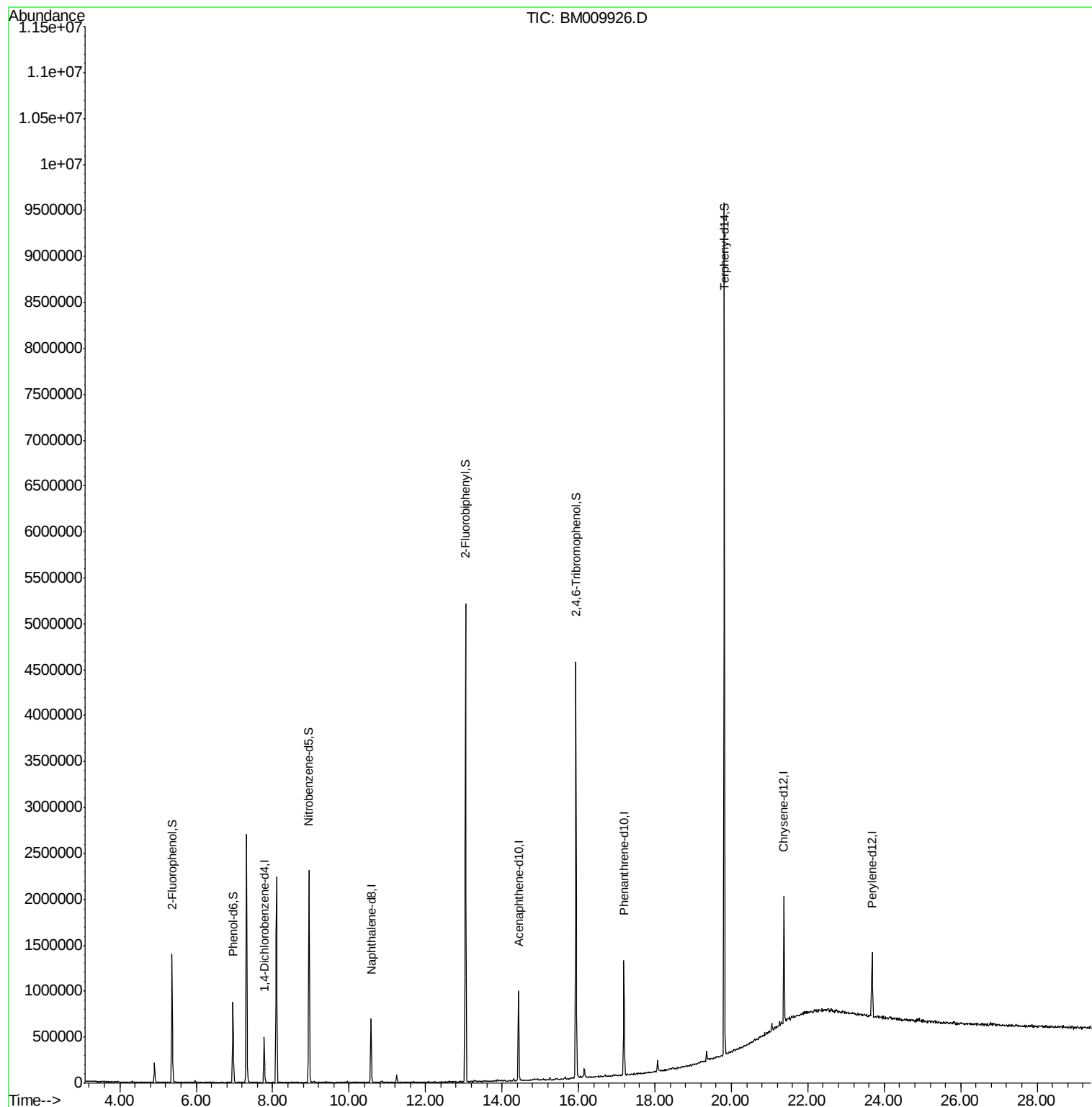
Target Compounds Qvalue

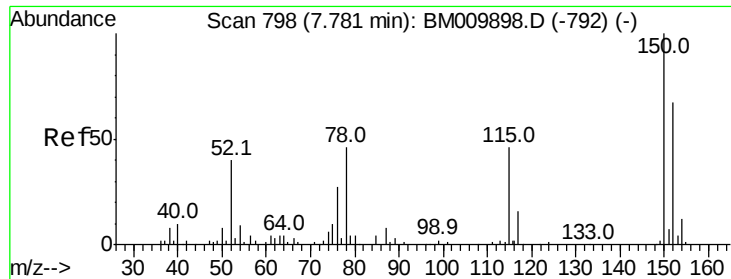
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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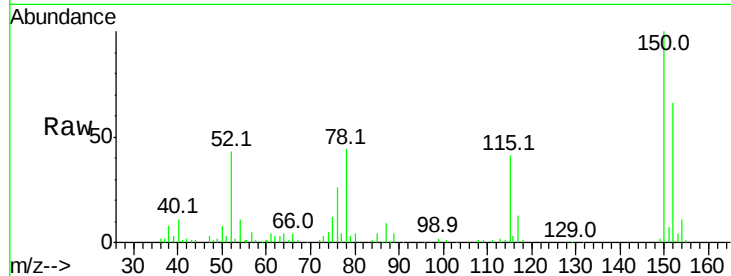


#1

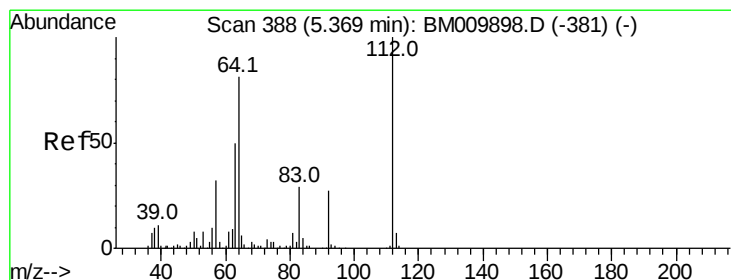
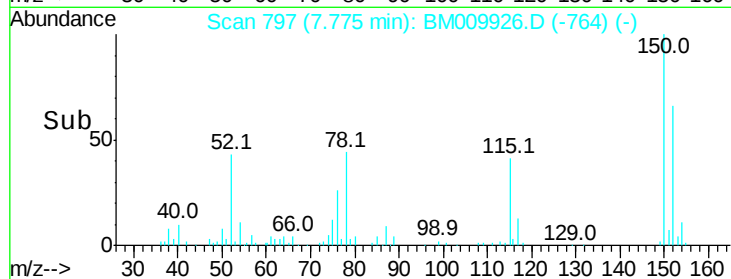
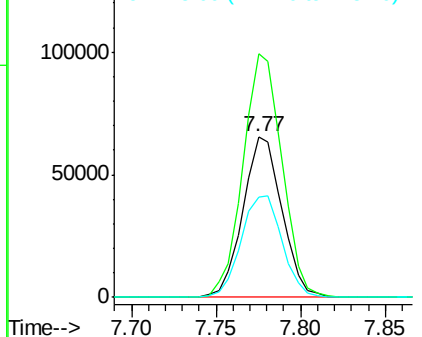
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009926.D
Acq: 06 May 2017 05:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 105381
Ion Ratio Lower Upper
152 100
150 151.8 119.5 179.3
115 62.5 43.0 64.4



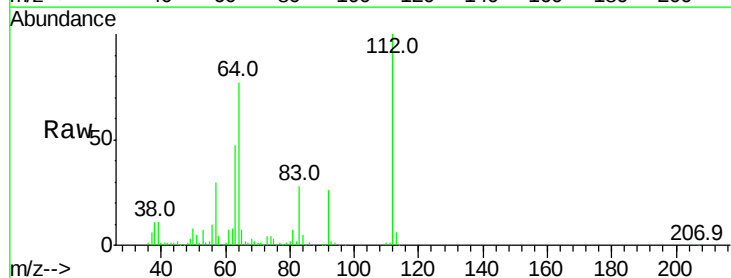
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



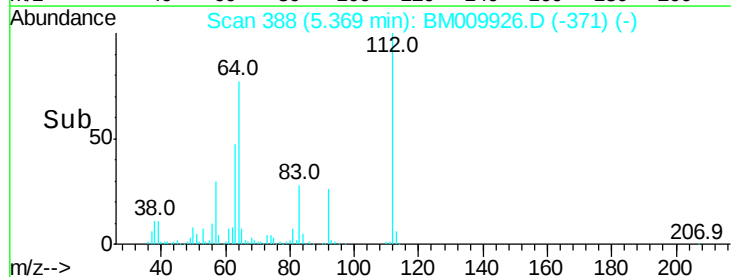
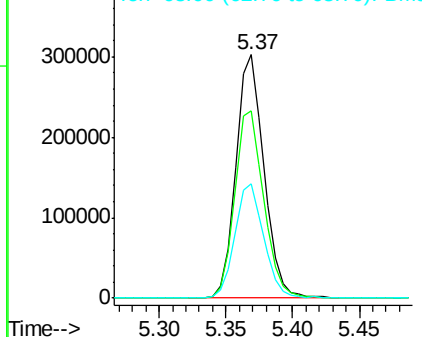
#5

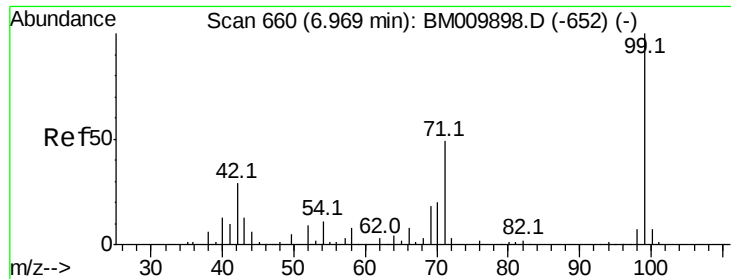
2-Fluorophenol
Concen: 66.55 ng
RT: 5.37 min Scan# 388
Delta R.T. 0.00 min
Lab File: BM009926.D
Acq: 06 May 2017 05:30

Tgt Ion:112 Resp: 440524
Ion Ratio Lower Upper
112 100
64 76.8 38.6 57.8#
63 46.8 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: 38.48 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009926.D

Acq: 06 May 2017 05:30

Instrument :

BNA_M

ClientSampleId :

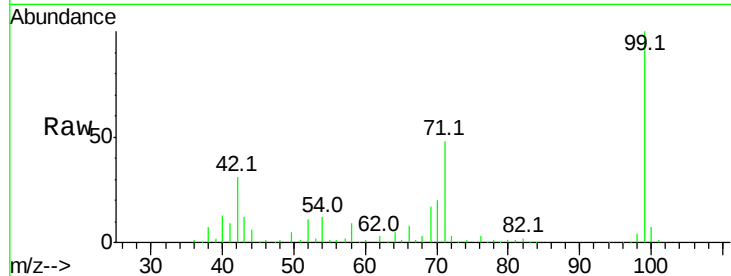
Tot Ion: 99 Resp: 390422

Ion Ratio Lower Upper

99 100

42 31.5 11.0 16.4#

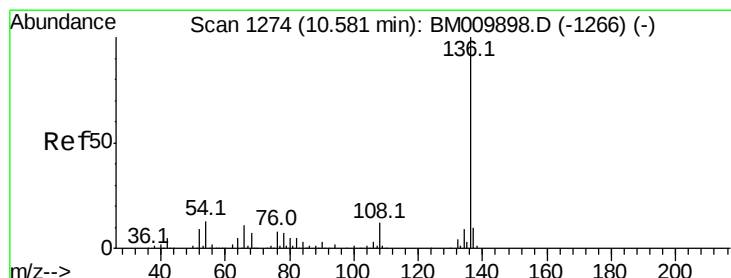
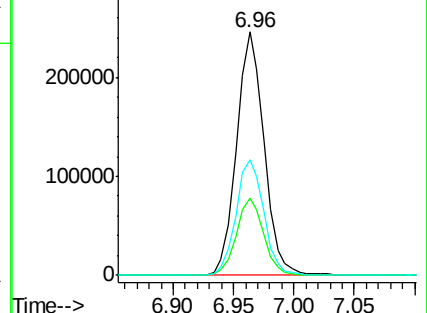
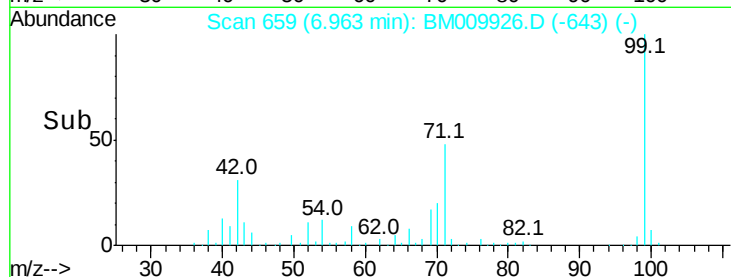
71 47.7 23.4 35.2#



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: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM009926.D

Acq: 06 May 2017 05:30

Tgt Ion: 136 Resp: 444358

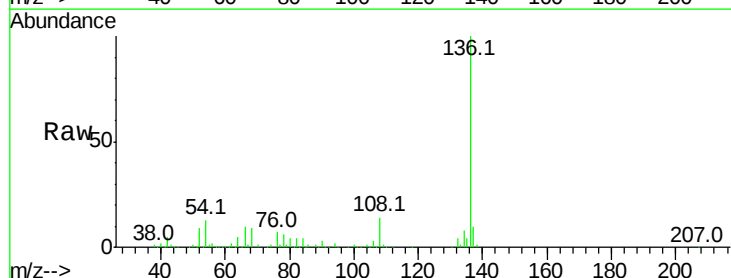
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 13.3 4.6 6.8#

68 9.1 3.7 5.5#

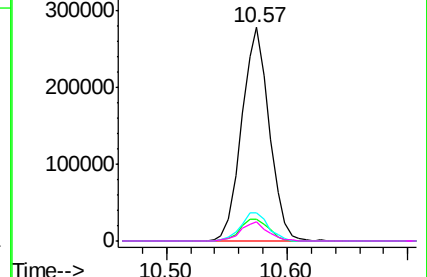
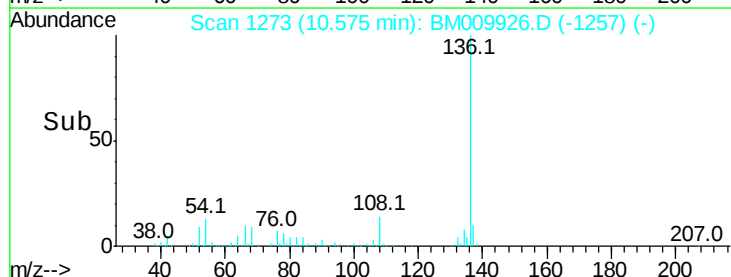


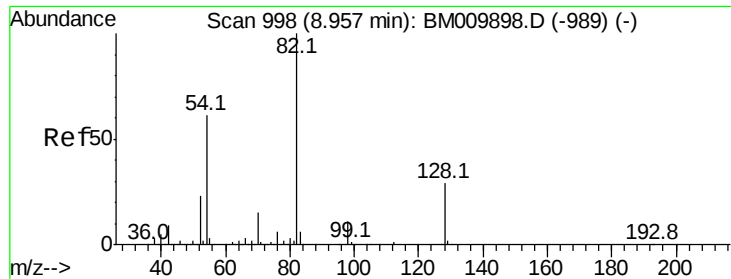
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

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: 100.79 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BM009926.D

Acq: 06 May 2017 05:30

Instrument :

BNA_M

ClientSampleId :

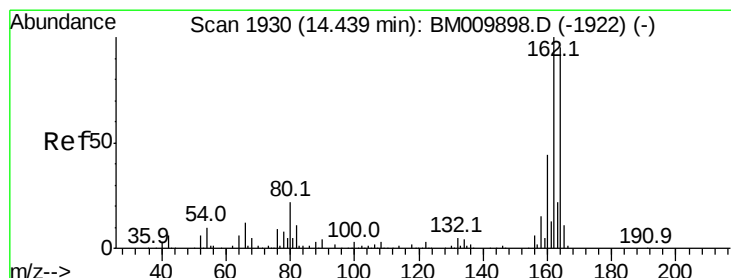
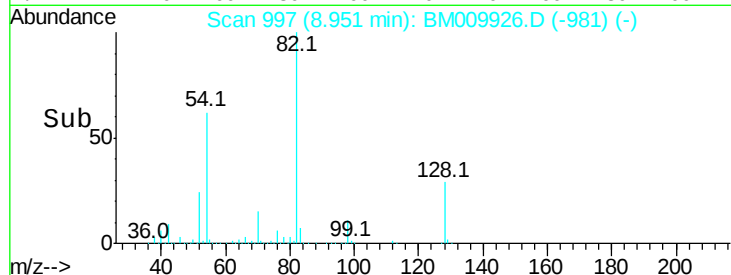
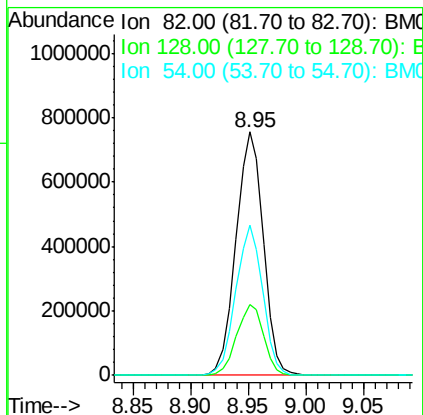
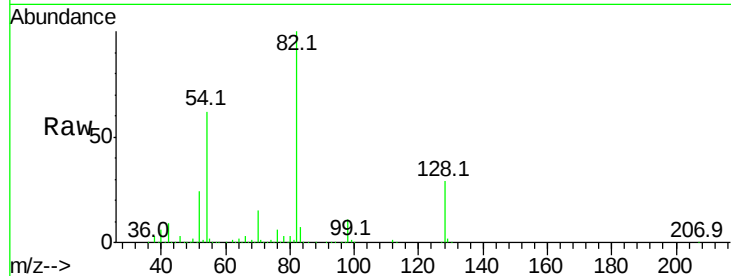
Tot Ion: 82 Resp: 1237626

Ion Ratio Lower Upper

82 100

128 29.1 32.8 49.2#

54 61.6 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: BM009926.D

Acq: 06 May 2017 05:30

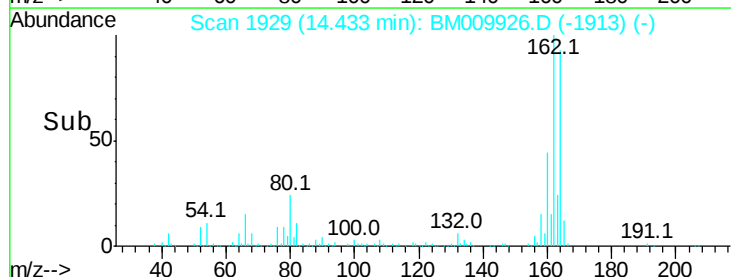
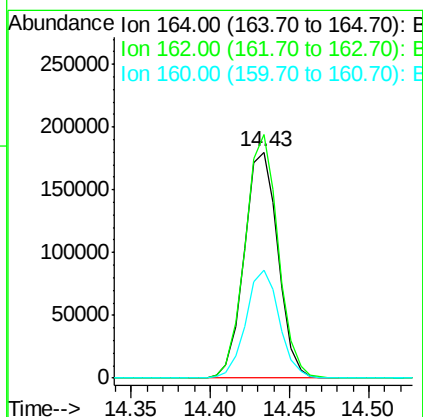
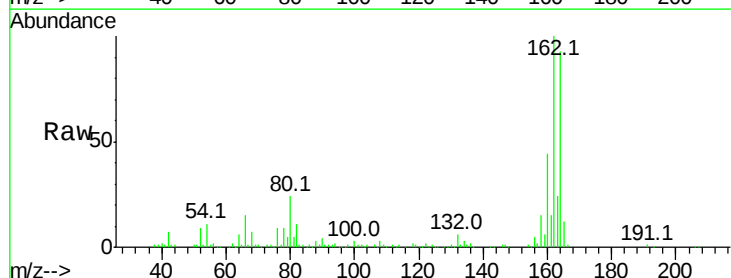
Tgt Ion:164 Resp: 266529

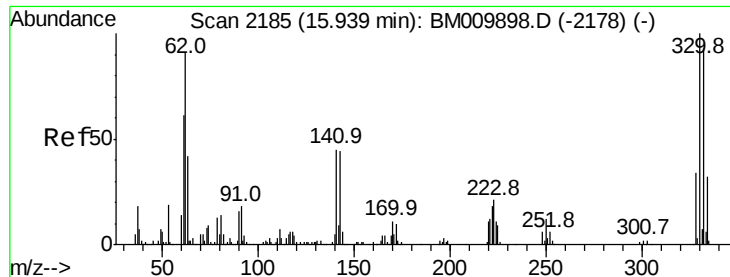
Ion Ratio Lower Upper

164 100

162 107.6 82.4 123.6

160 47.6 35.8 53.6

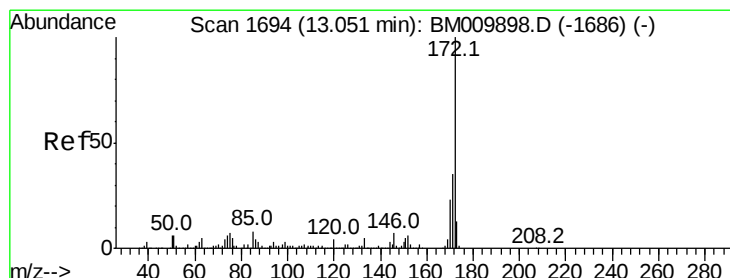
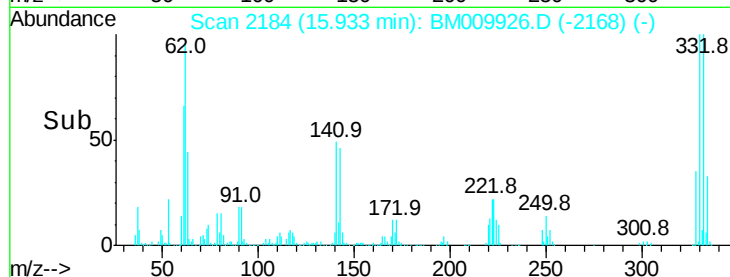
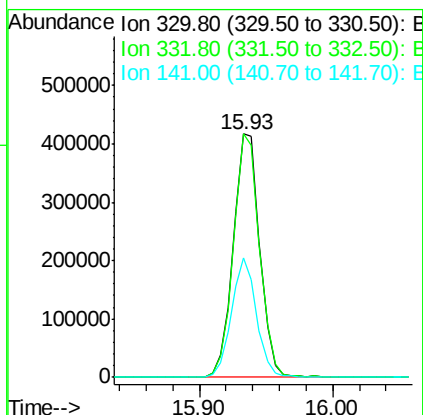
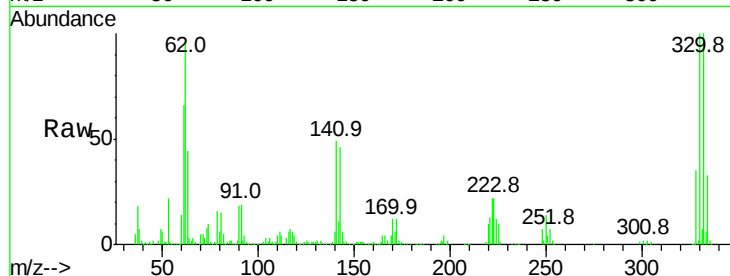




#41
 2,4,6-Tribromophenol
 Concen: 158.98 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009926.D
 Acq: 06 May 2017 05:30

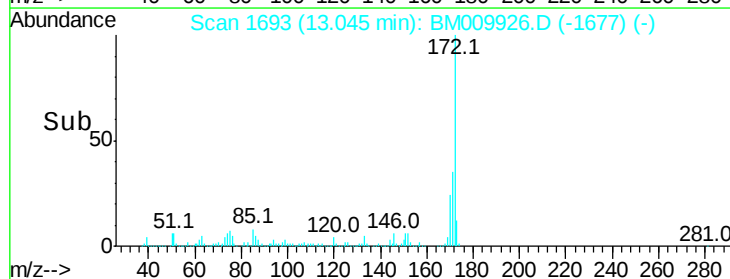
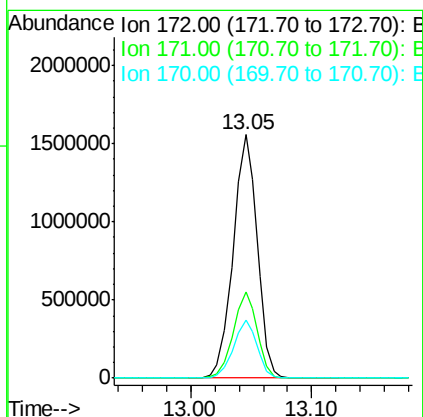
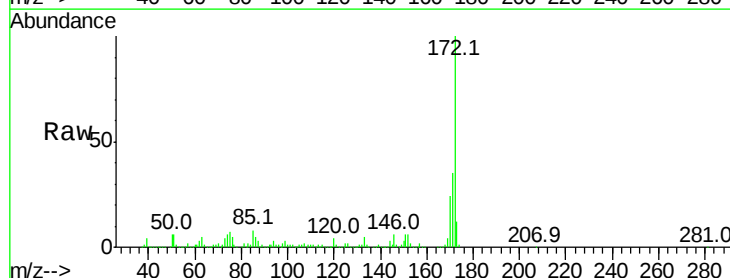
Instrument :
 BNA_M
 ClientSampleId :

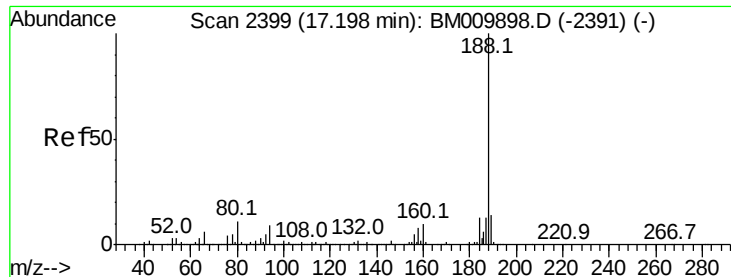
Tot Ion:330 Resp: 578729
 Ion Ratio Lower Upper
 330 100
 332 98.1 0.0 0.0#
 141 46.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 105.69 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009926.D
 Acq: 06 May 2017 05:30

Tgt Ion:172 Resp: 2162105
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.7 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: BM009926.D

Acq: 06 May 2017 05:30

Instrument :

BNA_M

ClientSampleId :

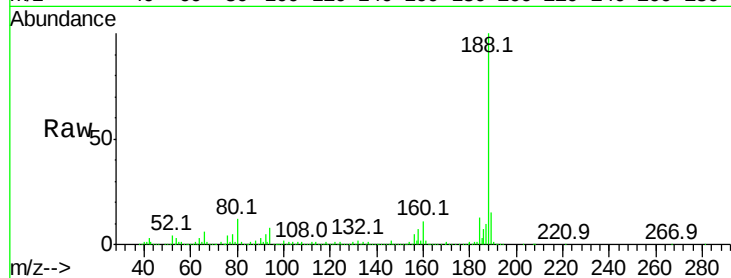
Tot Ion:188 Resp: 636021

Ion Ratio Lower Upper

188 100

94 8.3 8.7 13.1#

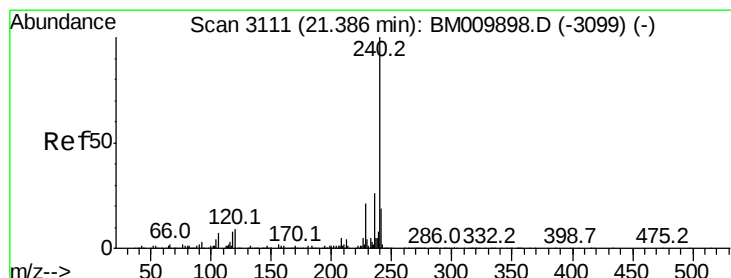
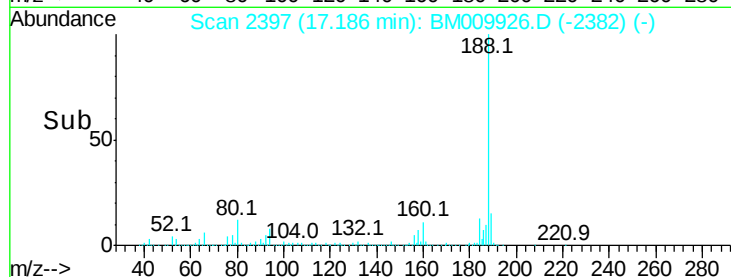
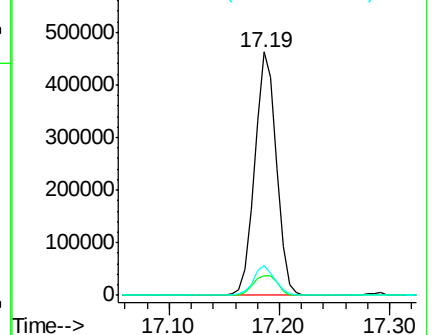
80 12.4 9.3 13.9



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: BM009926.D

Acq: 06 May 2017 05:30

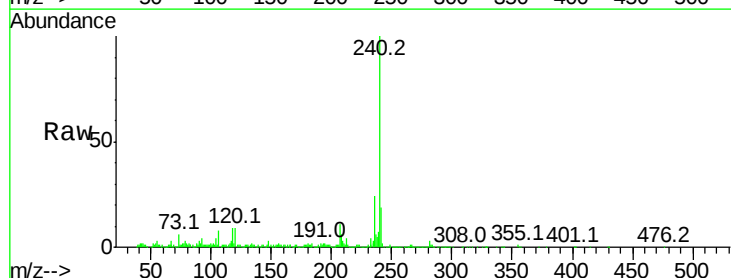
Tgt Ion:240 Resp: 613027

Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

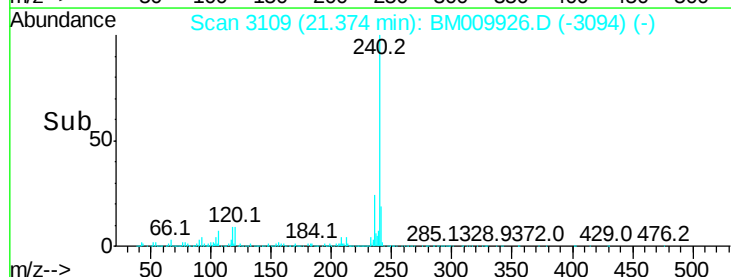
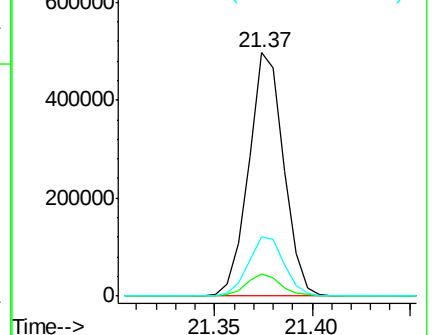
236 24.3 20.0 30.0

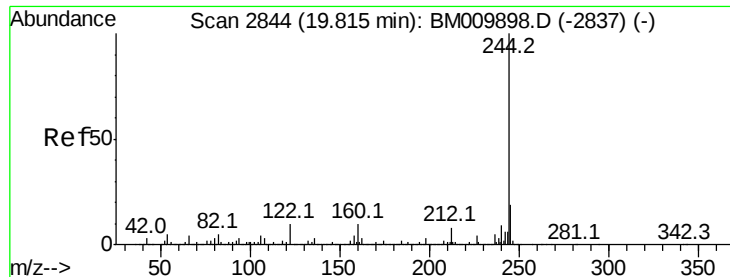


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 113.85 ng

RT: 19.82 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BM009926.D

Acq: 06 May 2017 05:30

Instrument :

BNA_M

ClientSampleId :

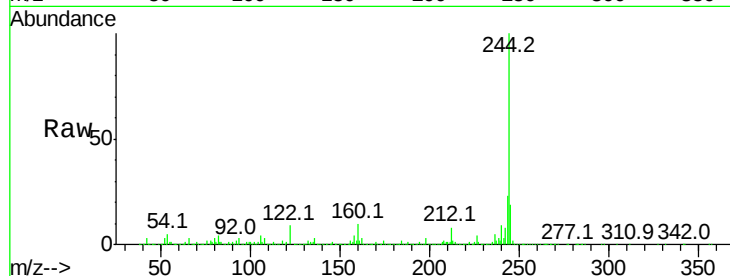
Tot Ion:244 Resp: 3402250

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

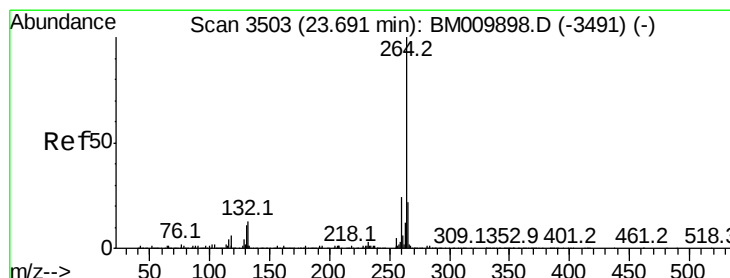
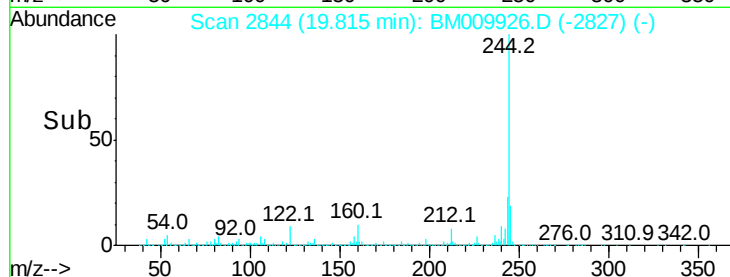
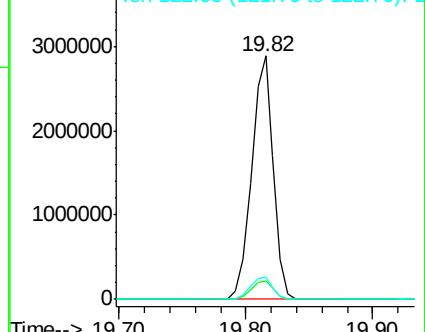
122 8.9 6.2 9.4



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: 23.69 min Scan# 3502

Delta R.T. -0.01 min

Lab File: BM009926.D

Acq: 06 May 2017 05:30

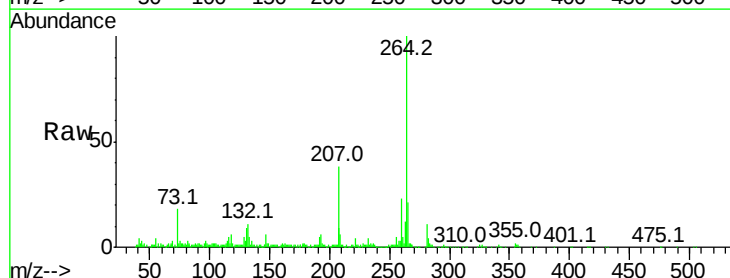
Tgt Ion:264 Resp: 471703

Ion Ratio Lower Upper

264 100

260 23.0 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

