

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009940.D
 Acq On : 06 May 2017 14:14
 Operator : SJ/MA
 Sample : I2980-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:41:41 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

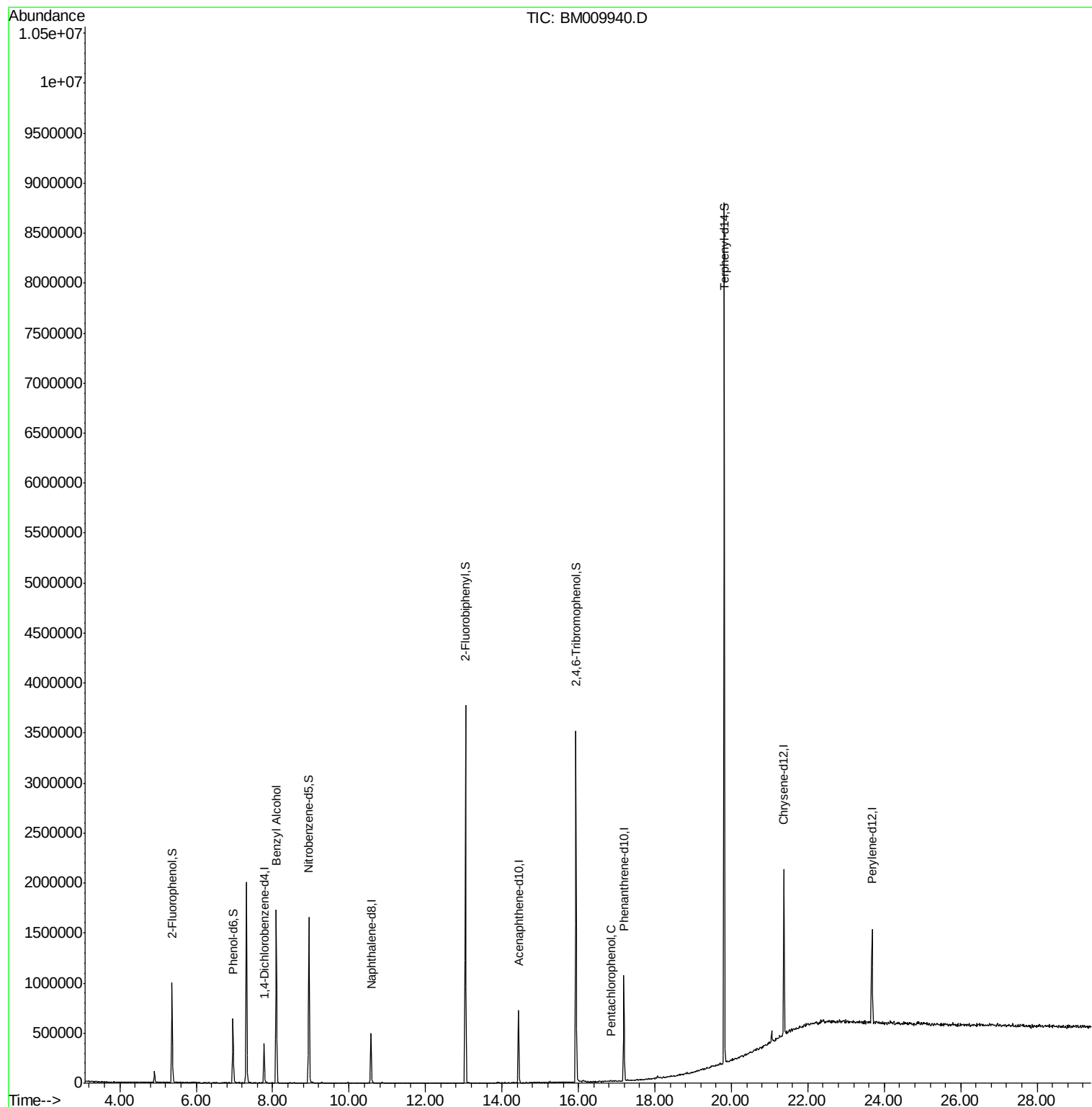
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	77579	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	335935	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	207539	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	524191	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	715230	20.00	ng	-0.01
86) Perylene-d12	23.68	264	626427	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	315557	64.76	ng	0.00
7) Phenol-d6	6.96	99	282821	37.86	ng	0.00
23) Nitrobenzene-d5	8.95	82	919559	99.06	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	463974	163.69	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1641044	103.02	ng	0.00
78) Terphenyl-d14	19.81	244	3073688	88.16	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.09	79	14204	2.05	ng	# 40
69) Pentachlorophenol	16.85	266	753	7.90	ng	# 1

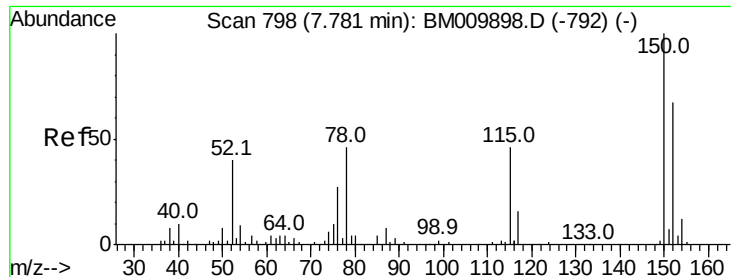
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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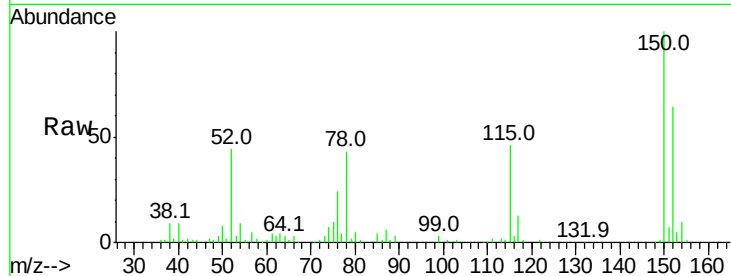


#1

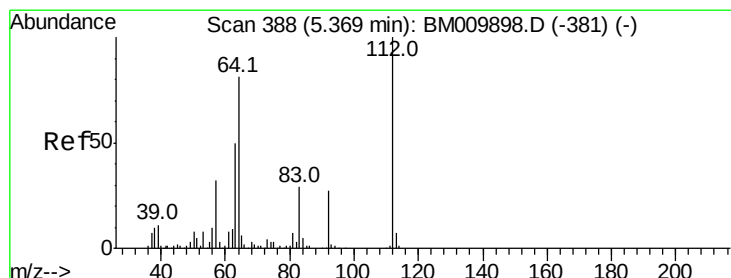
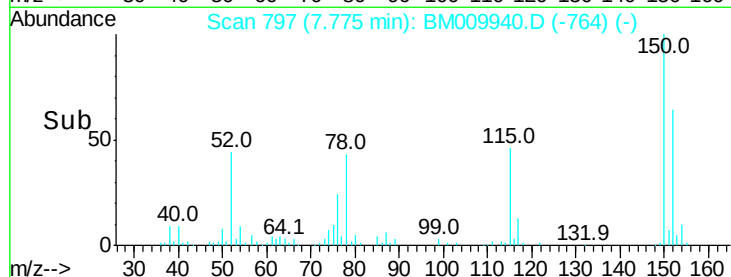
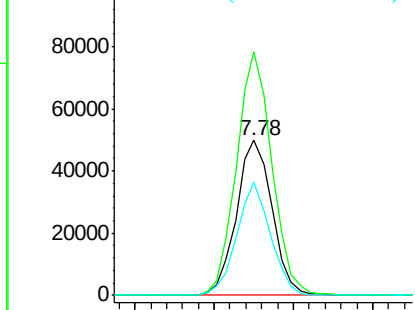
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009940.D
Acq: 06 May 2017 14:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 77579
Ion Ratio Lower Upper
152 100
150 157.3 119.5 179.3
115 72.9 43.0 64.4#



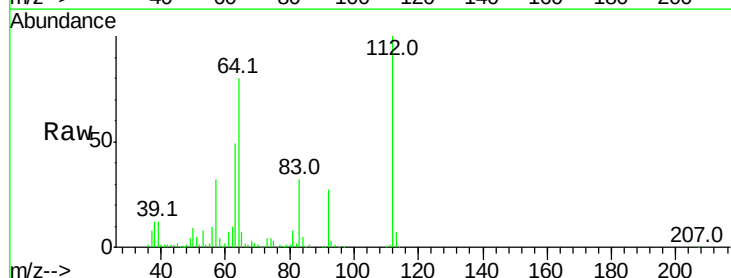
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



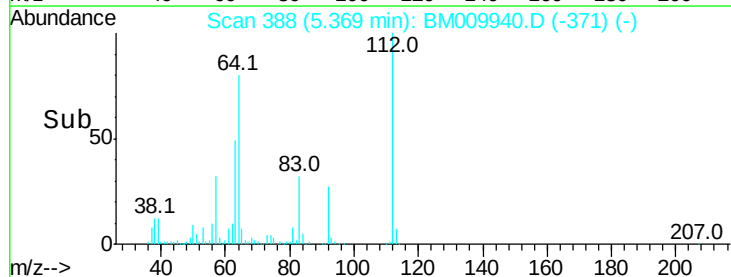
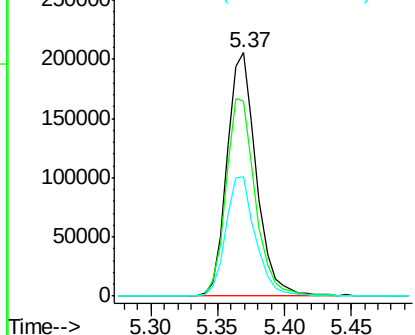
#5

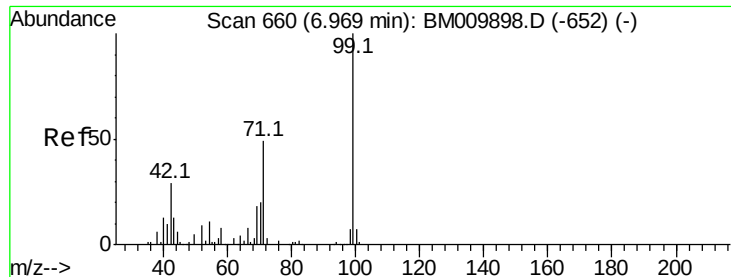
2-Fluorophenol
Concen: 64.76 ng
RT: 5.37 min Scan# 388
Delta R.T. 0.00 min
Lab File: BM009940.D
Acq: 06 May 2017 14:14

Tgt Ion:112 Resp: 315557
Ion Ratio Lower Upper
112 100
64 80.3 38.6 57.8#
63 48.8 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: 37.86 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009940.D

Acq: 06 May 2017 14:14

Instrument :

BNA_M

ClientSampled :

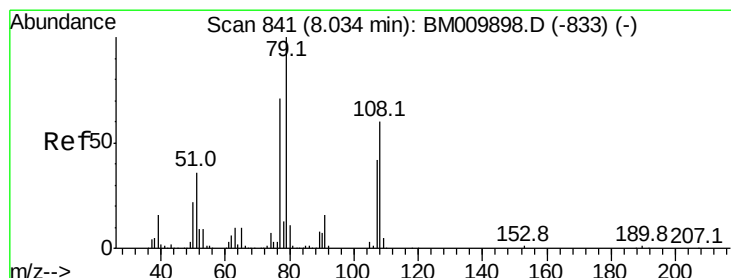
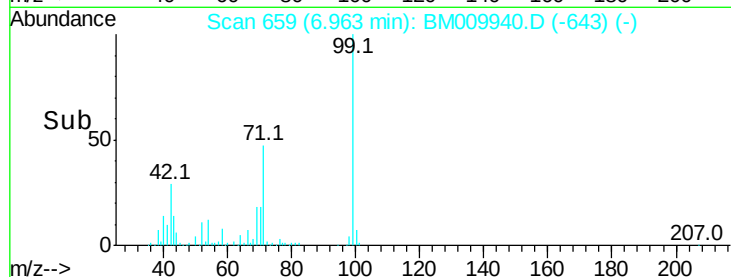
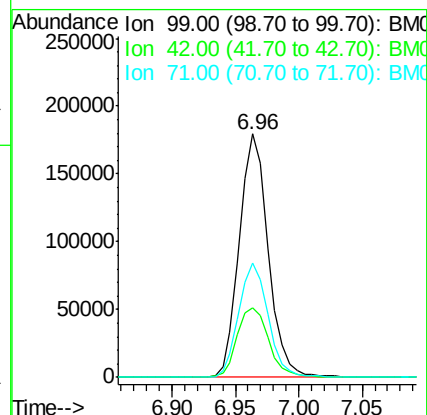
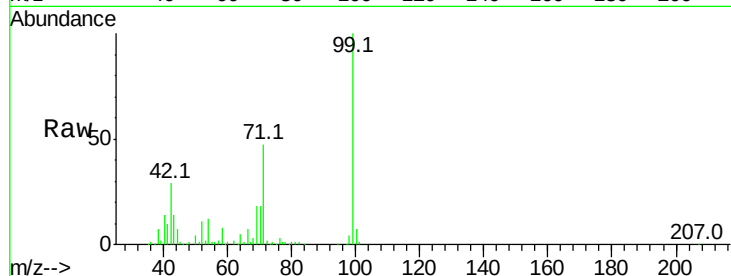
Tot Ion: 99 Resp: 282821

Ion Ratio Lower Upper

99 100

42 28.7 11.0 16.4#

71 47.0 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 8.09 min Scan# 851

Delta R.T. 0.06 min

Lab File: BM009940.D

Acq: 06 May 2017 14:14

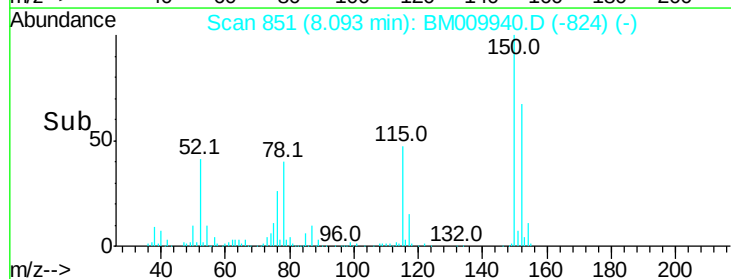
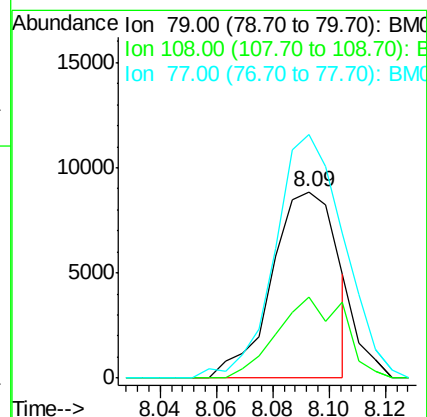
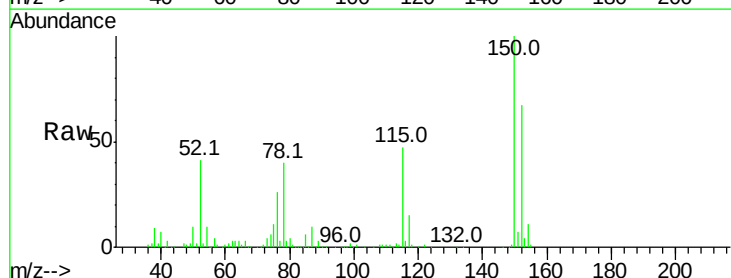
Tgt Ion: 79 Resp: 14204

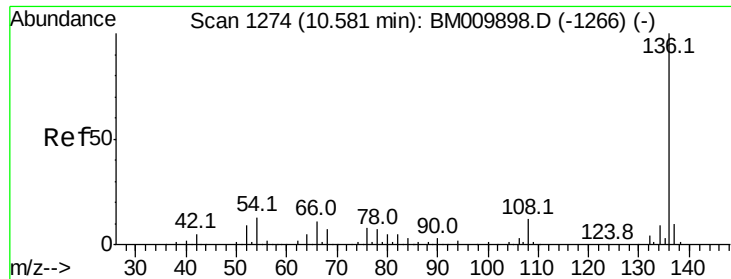
Ion Ratio Lower Upper

79 100

108 43.8 65.0 97.4#

77 130.8 53.0 79.6#

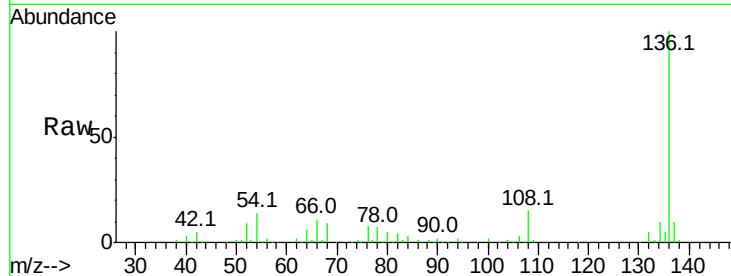




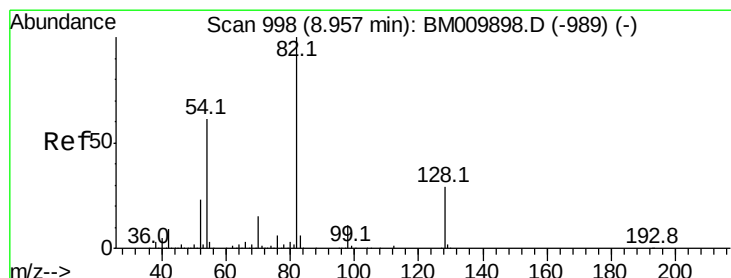
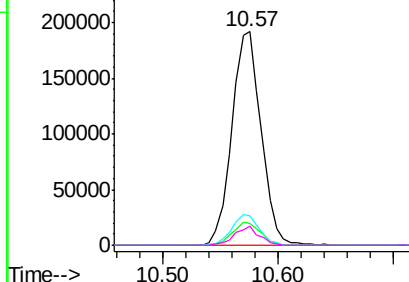
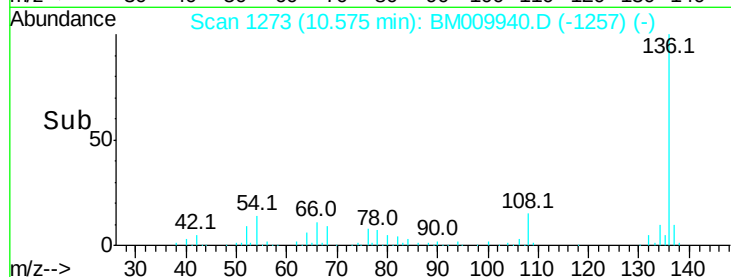
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM009940.D
Acq: 06 May 2017 14:14

Instrument :
BNA_M
ClientSampled :

Tot Ion:	136	Resp:	335935
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	13.6	4.6	6.8#
68	8.9	3.7	5.5#

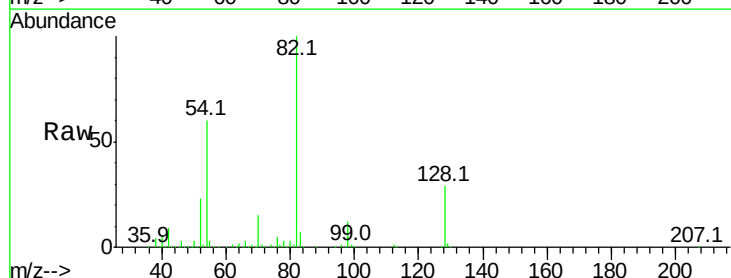


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

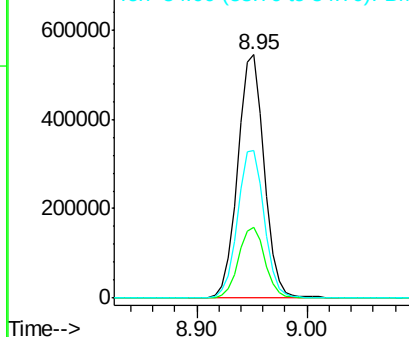
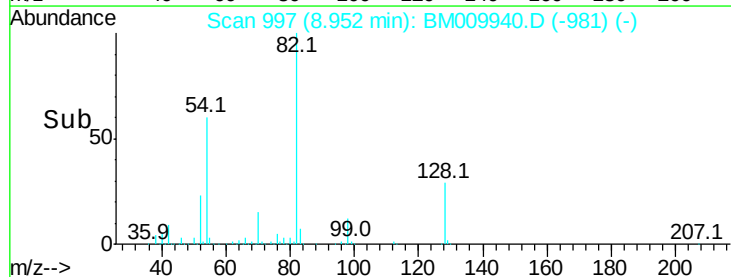


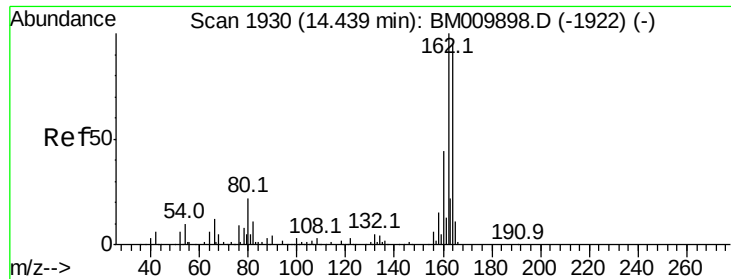
#23
Nitrobenzene-d5
Concen: 99.06 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM009940.D
Acq: 06 May 2017 14:14

Tgt Ion:	82	Resp:	919559
Ion	Ratio	Lower	Upper
82	100		
128	28.9	32.8	49.2#
54	60.4	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BM009940.D

Acq: 06 May 2017 14:14

Instrument :

BNA_M

ClientSampleId :

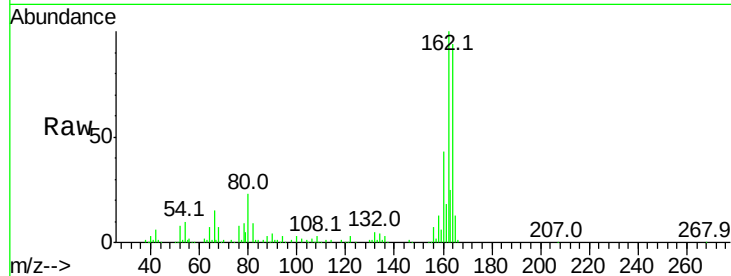
Tot Ion:164 Resp: 207539

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

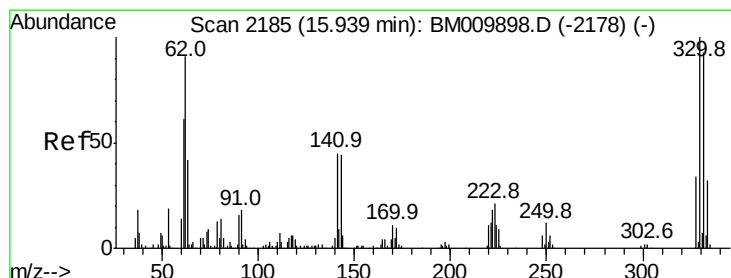
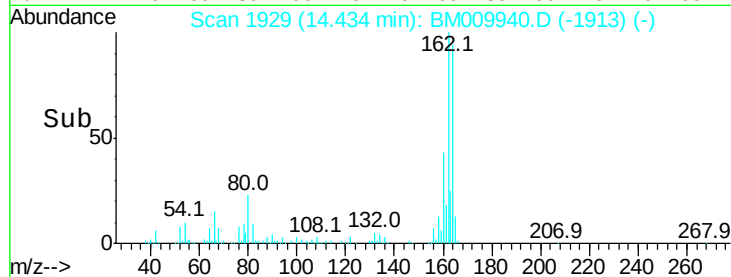
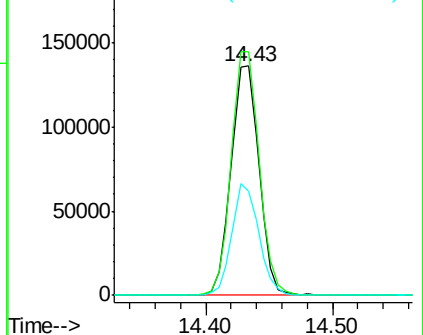
160 45.1 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 163.69 ng

RT: 15.93 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BM009940.D

Acq: 06 May 2017 14:14

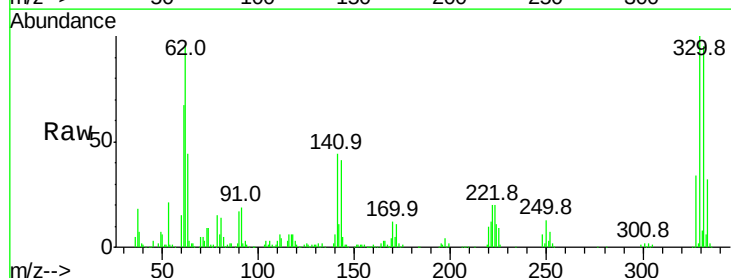
Tgt Ion:330 Resp: 463974

Ion Ratio Lower Upper

330 100

332 95.1 0.0 0.0#

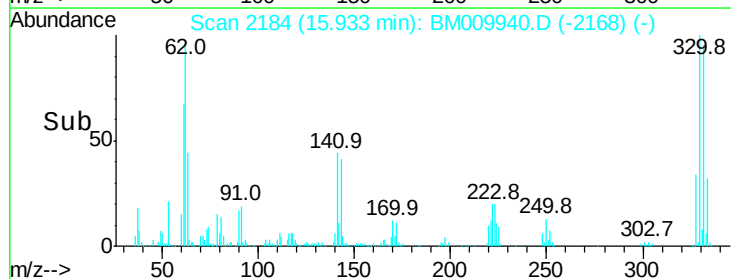
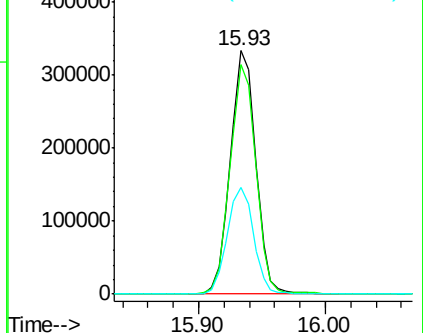
141 45.6 0.0 0.0#

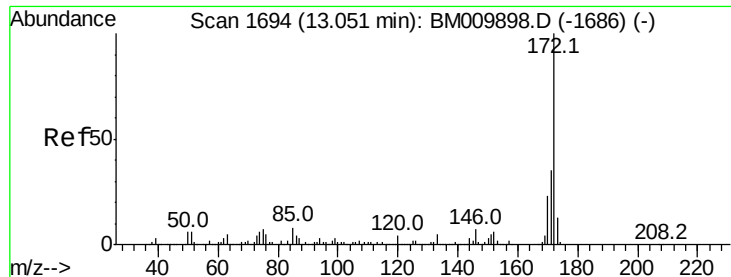


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

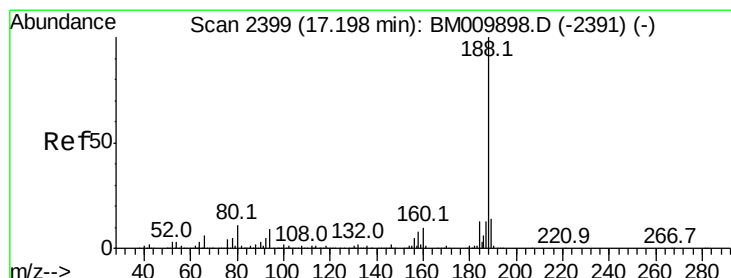
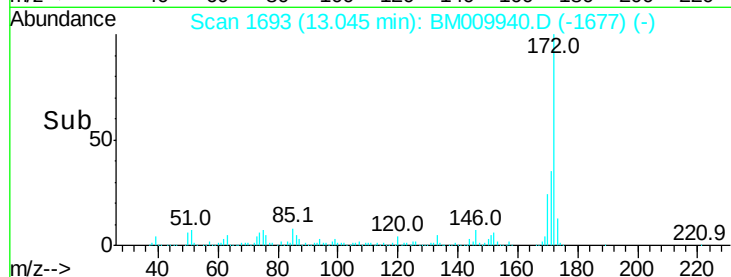
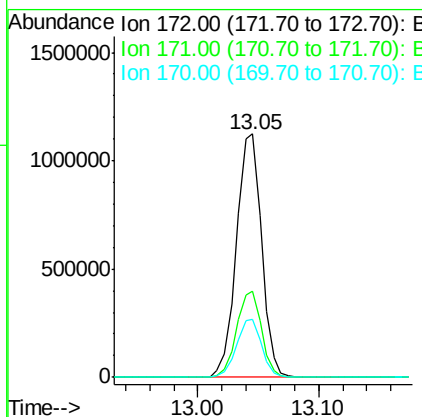
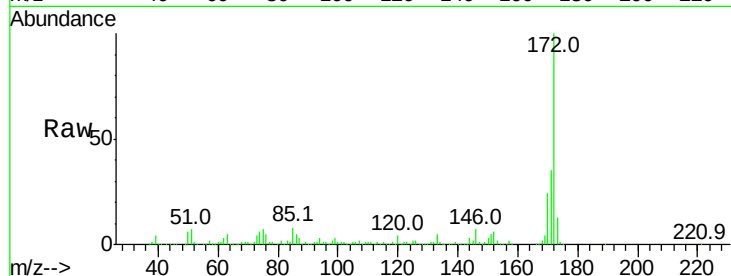




#44
2-Fluorobiphenyl
Concen: 103.02 ng
RT: 13.05 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BM009940.D
Acq: 06 May 2017 14:14

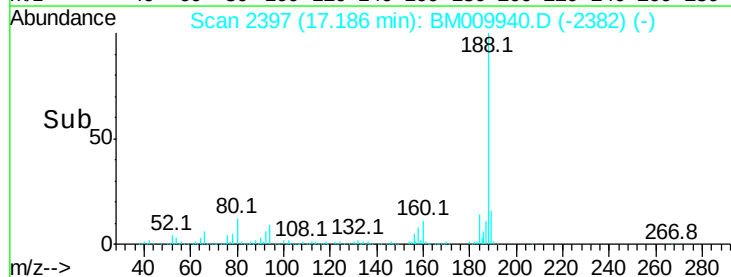
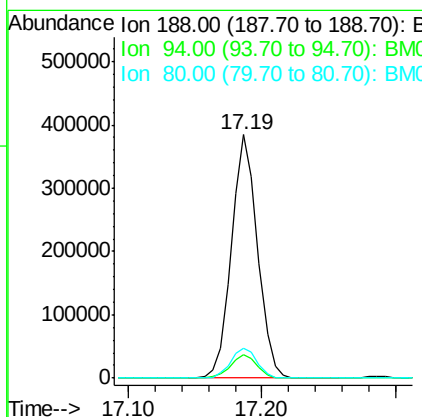
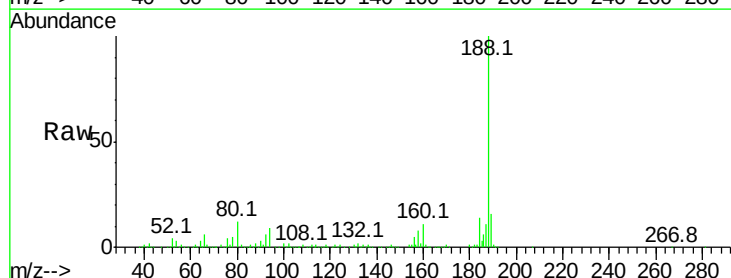
Instrument :
BNA_M
ClientSampleId :

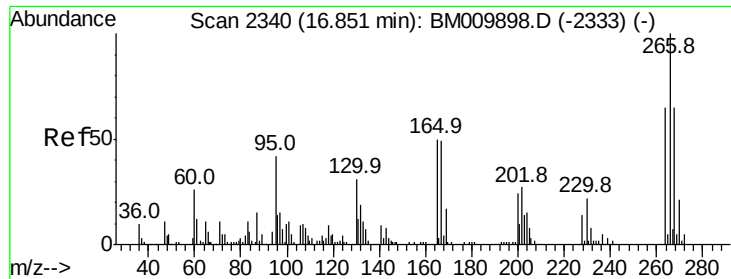
Tot Ion:172 Resp: 1641044
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.9 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009940.D
Acq: 06 May 2017 14:14

Tgt Ion:188 Resp: 524191
Ion Ratio Lower Upper
188 100
94 9.4 8.7 13.1
80 12.2 9.3 13.9





#69

Pentachlorophenol

Concen: 7.90 ng

RT: 16.85 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BM009940.D

Acq: 06 May 2017 14:14

Instrument :

BNA_M

ClientSampled :

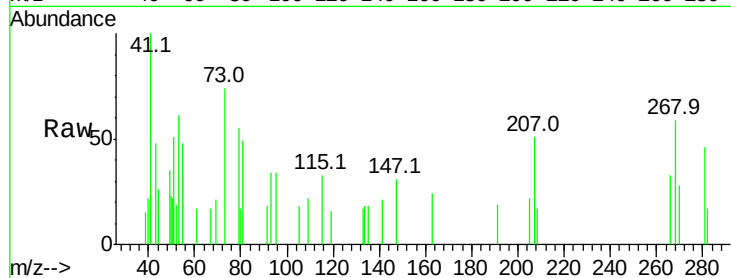
Tot Ion:266 Resp: 753

Ion Ratio Lower Upper

266 100

268 178.2 52.0 78.0#

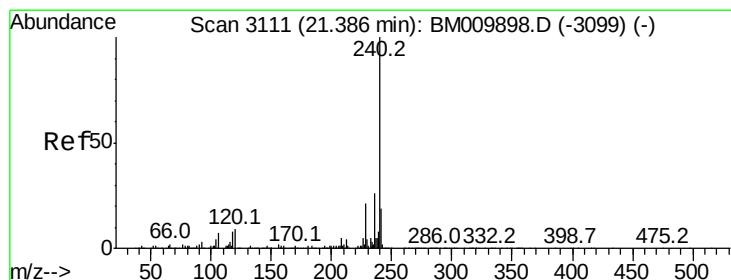
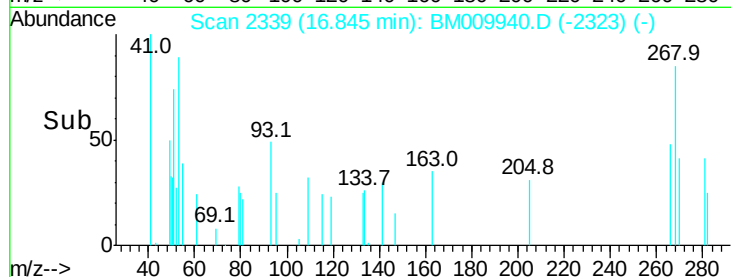
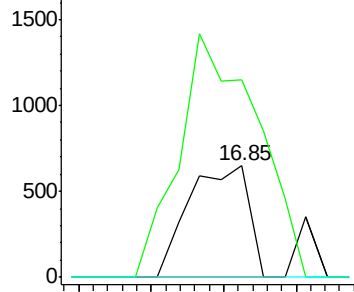
264 0.0 49.0 73.4#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM009940.D

Acq: 06 May 2017 14:14

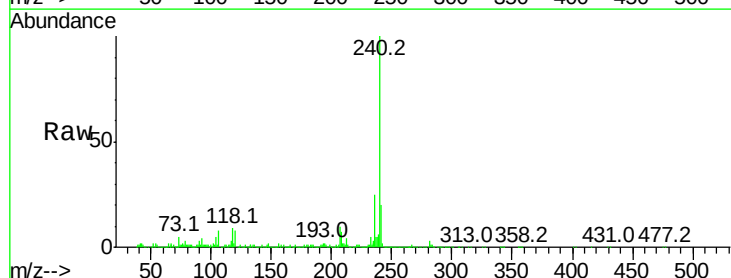
Tgt Ion:240 Resp: 715230

Ion Ratio Lower Upper

240 100

120 8.2 8.2 12.2

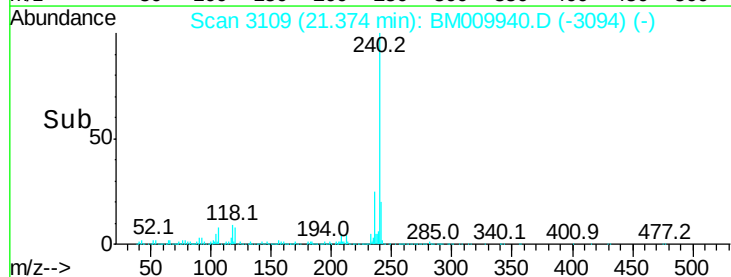
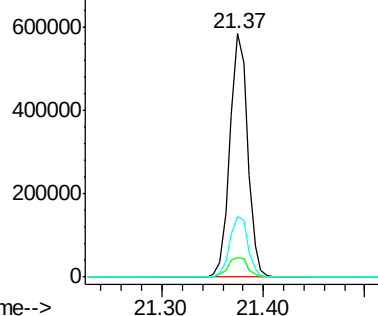
236 24.9 20.0 30.0

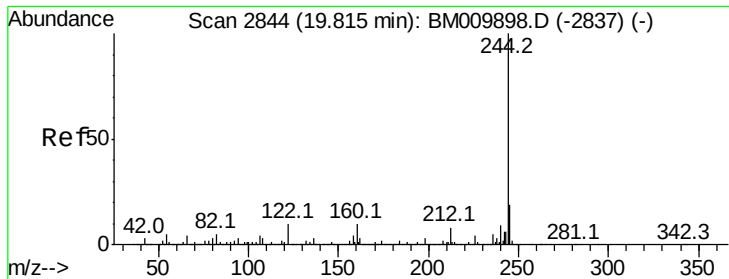


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

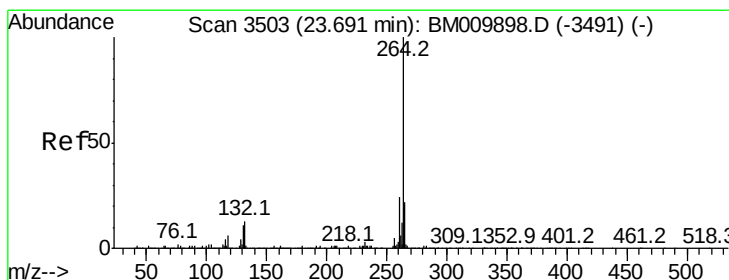
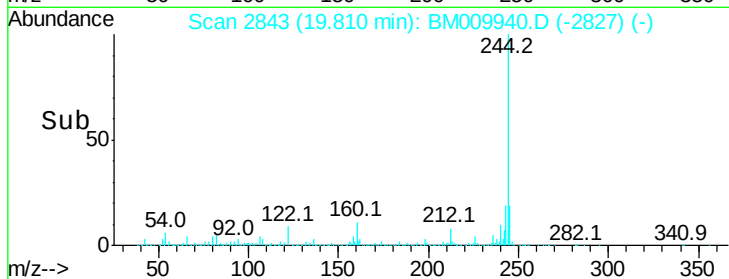
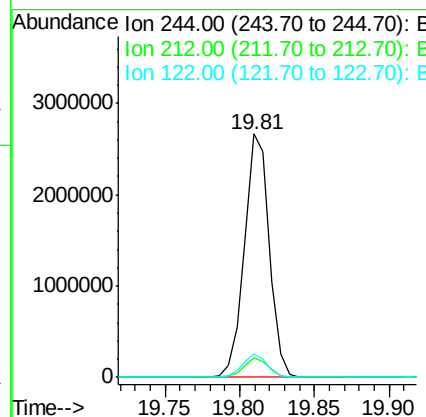
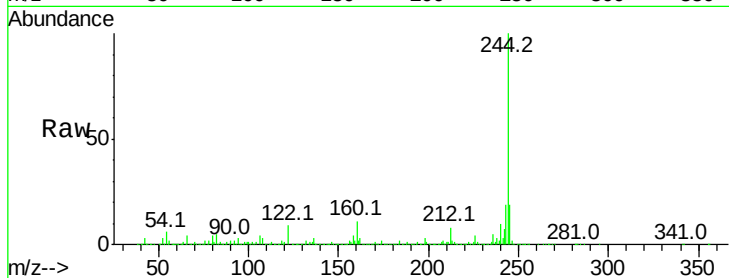




#78
 Terphenyl-d14
 Concen: 88.16 ng
 RT: 19.81 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BM009940.D
 Acq: 06 May 2017 14:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 3073688
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.9 7.3#
 122 9.4 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: BM009940.D
 Acq: 06 May 2017 14:14

Tgt Ion:264 Resp: 626427
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 21.3 17.3 25.9

