

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 :
 RAV-MW-6

Quant Time: May 08 06:34:42 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

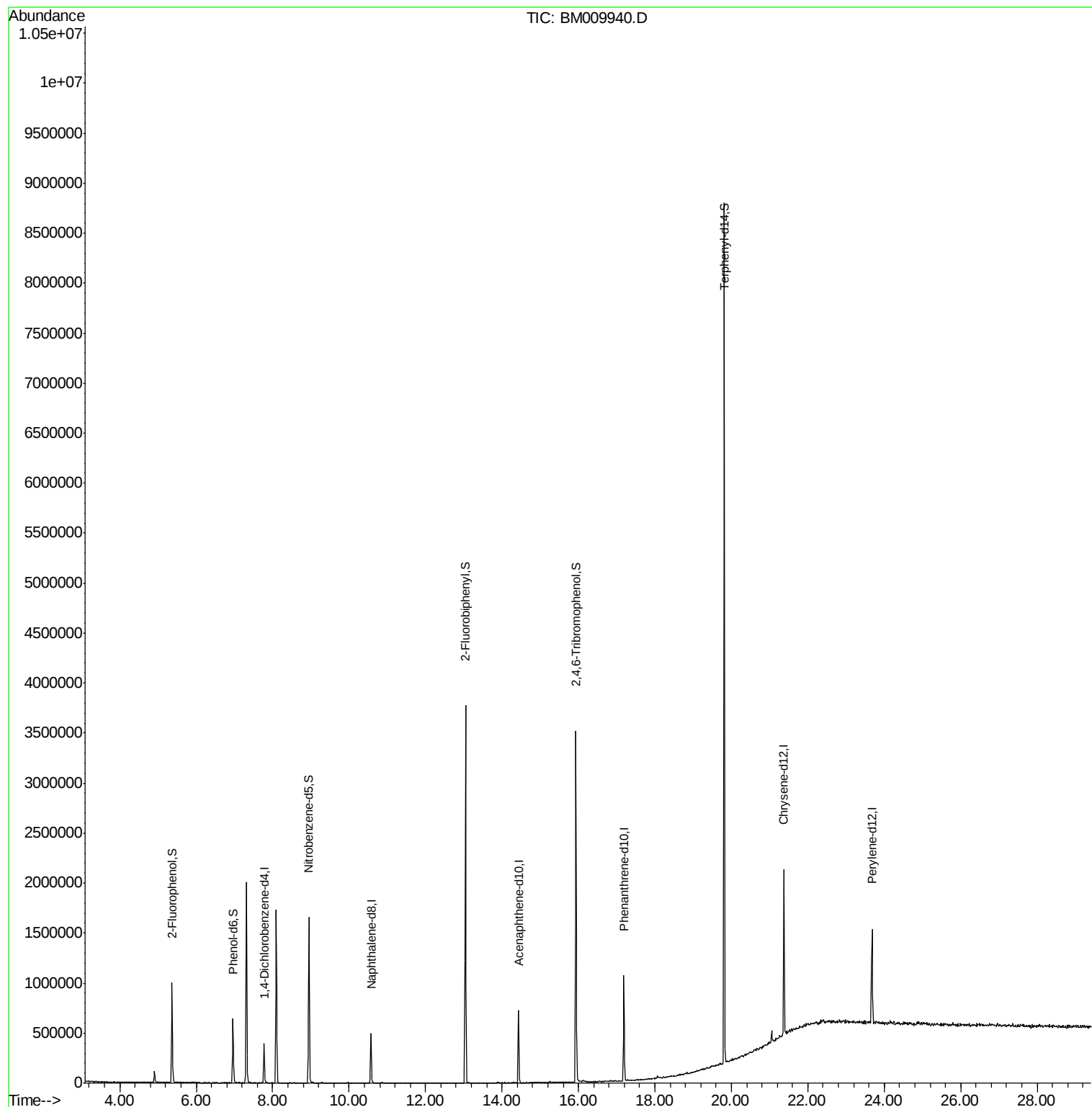
Target Compounds	Qvalue
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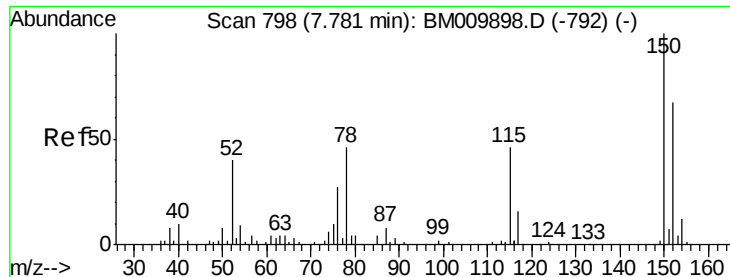
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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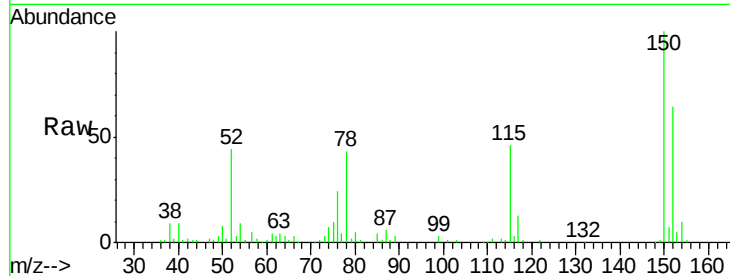


#1

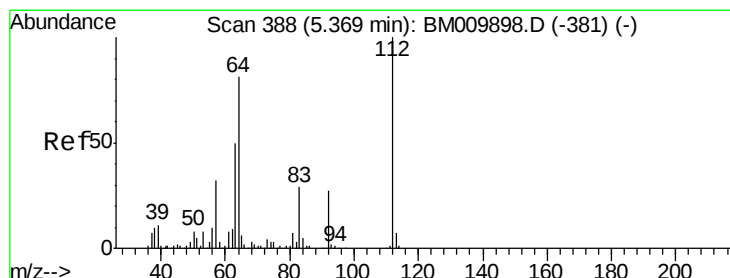
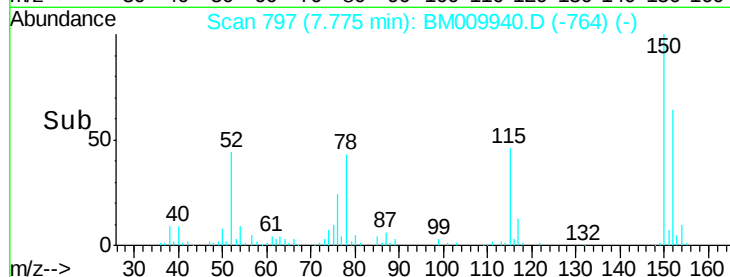
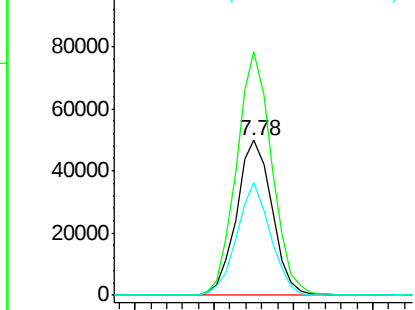
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009940.D
Acq: 06 May 2017 14:14

Instrument :
BNA_M
ClientSampled :
RAV-MW-6

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



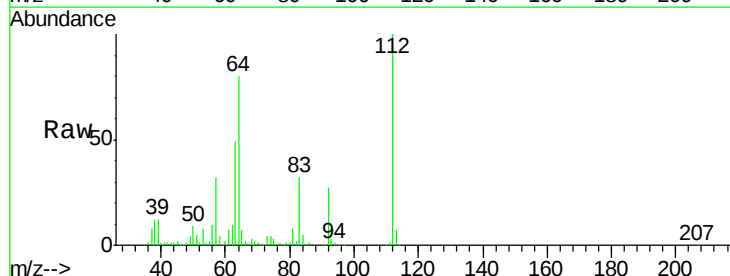
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



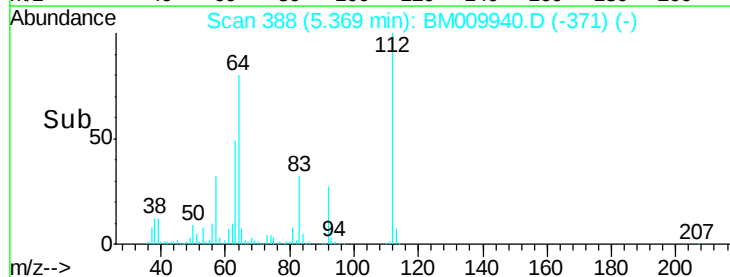
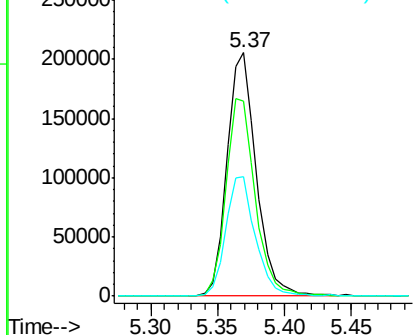
#5

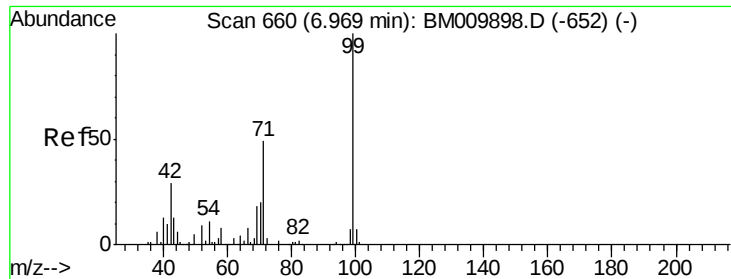
2-Fluorophenol
Concen: 64.76 ng
RT: 5.37 min Scan# 388
Delta R.T. 0.00 min
Lab File: BM009940.D
Acq: 06 May 2017 14:14

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

ClientSampleId :

RAV-MW-6

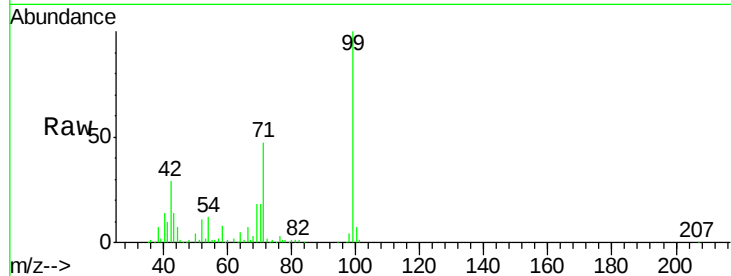
Tgt Ion: 99 Resp: 282821

Ion Ratio Lower Upper

99 100

42 28.7 11.0 16.4#

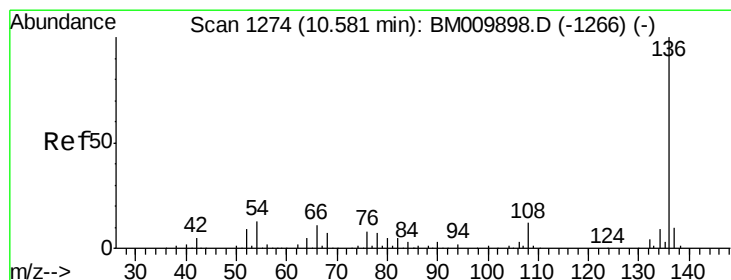
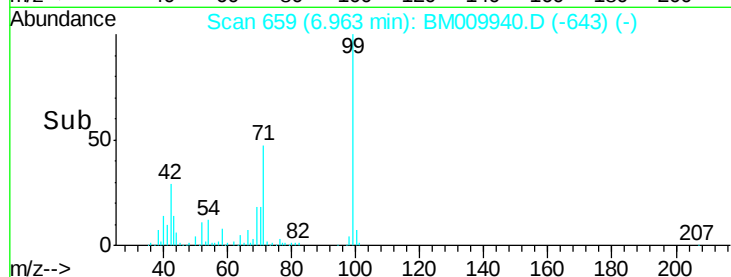
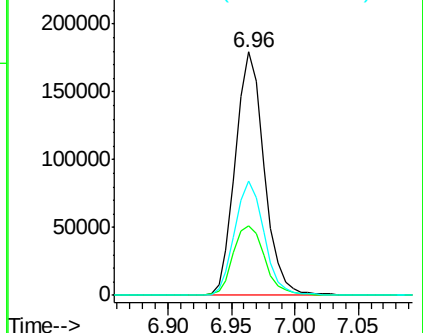
71 47.0 23.4 35.2#



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: BM009940.D

Acq: 06 May 2017 14:14

Tgt Ion: 136 Resp: 335935

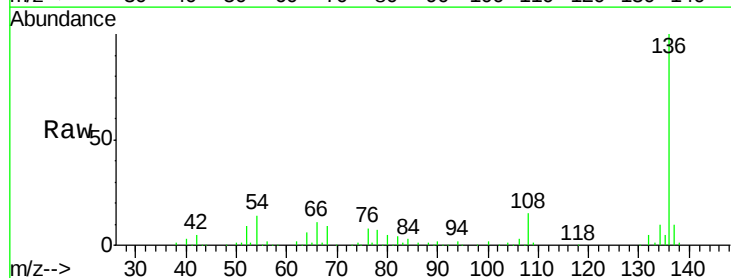
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 13.6 4.6 6.8#

68 8.9 3.7 5.5#

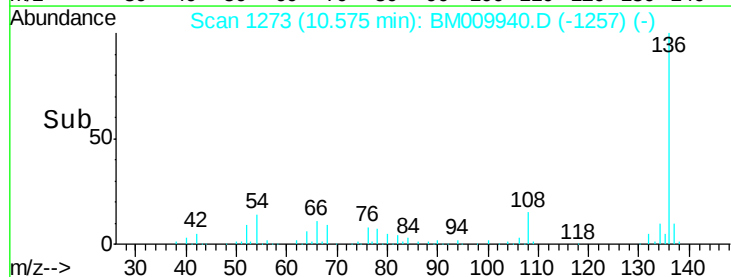
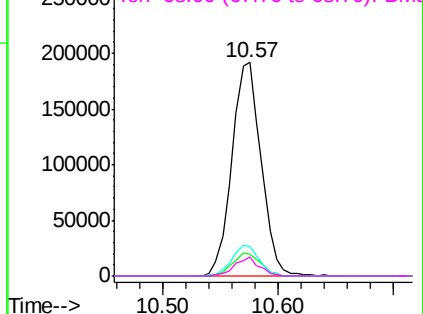


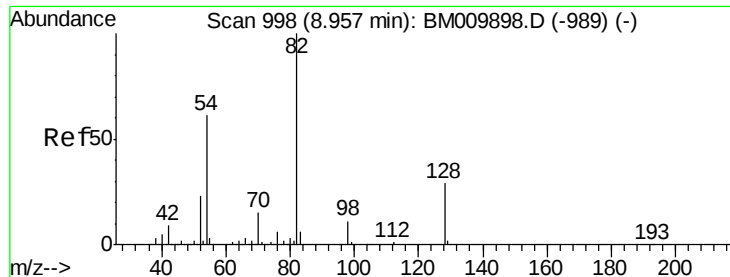
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

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) (-)

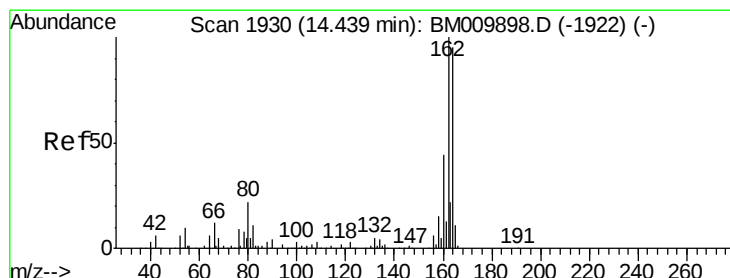
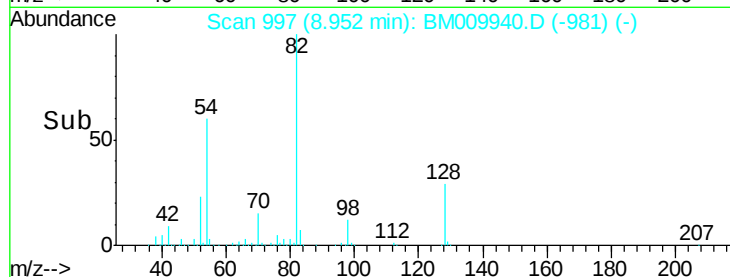
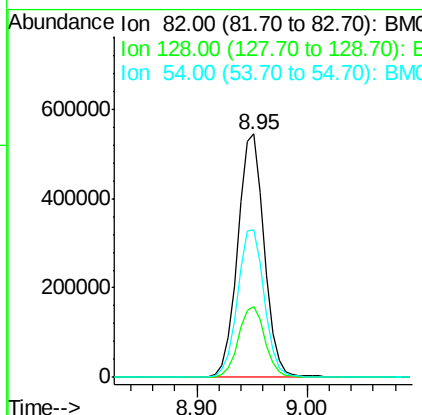
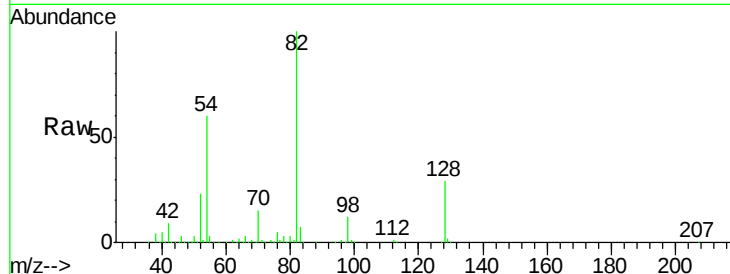




#23
Nitrobenzene-d5
Concen: 99.06 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM009940.D
Acq: 06 May 2017 14:14

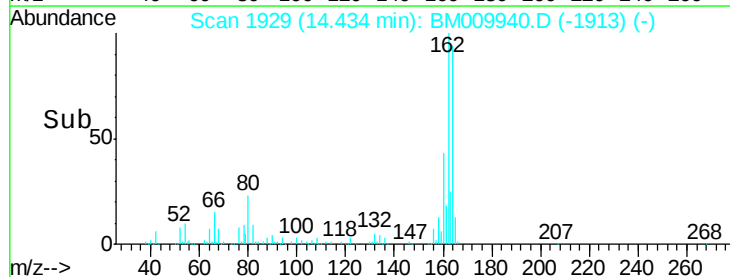
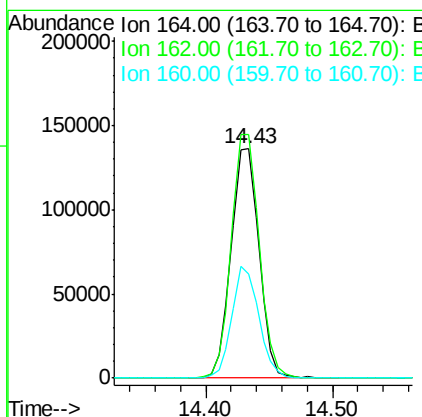
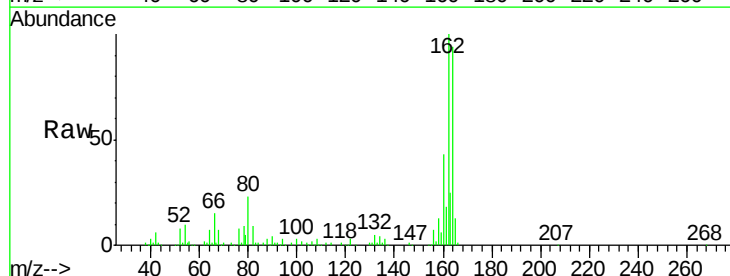
Instrument :
BNA_M
ClientSampleId :
RAV-MW-6

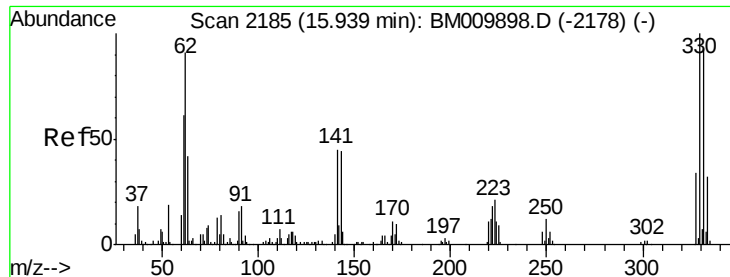
Tgt Ion	Ratio	Lower	Upper
82	100		
128	28.9	32.8	49.2#
54	60.4	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM009940.D
Acq: 06 May 2017 14:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	45.1	35.8	53.6

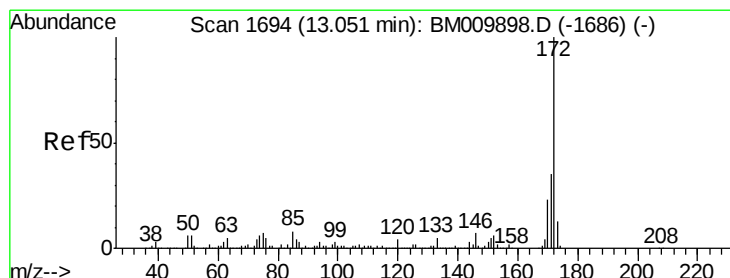
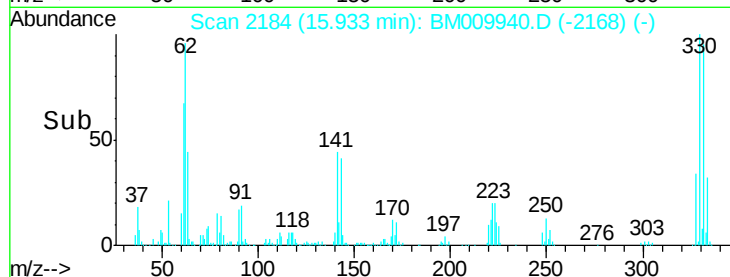
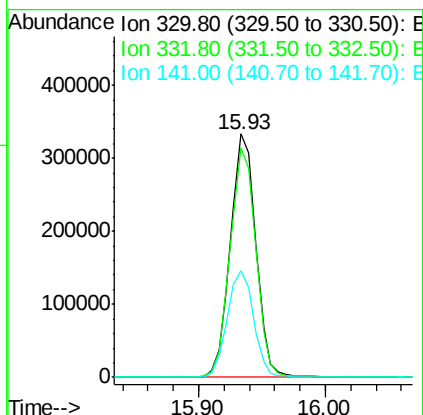
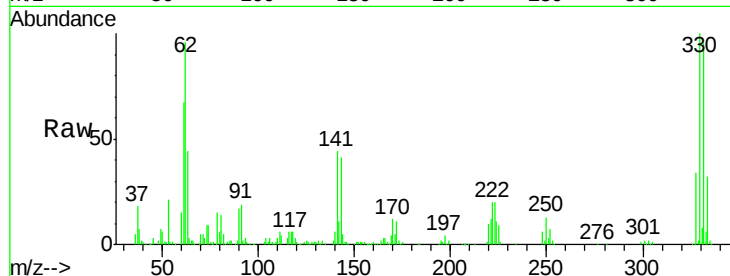




#41
 2,4,6-Tribromophenol
 Concen: 163.69 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009940.D
 Acq: 06 May 2017 14:14

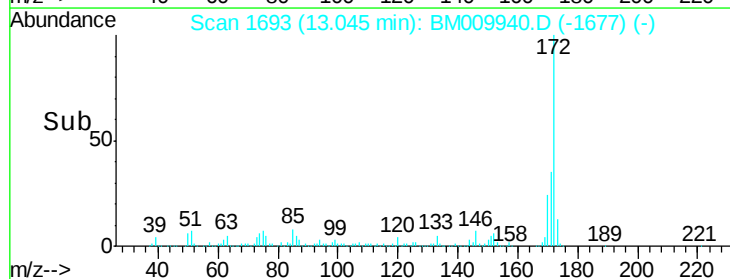
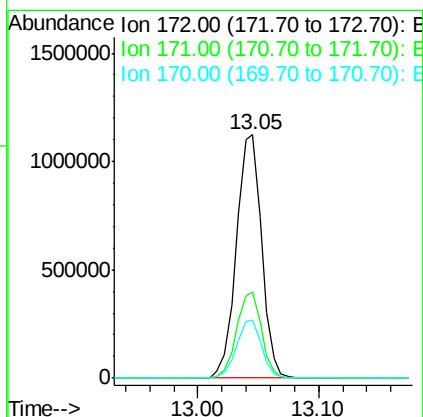
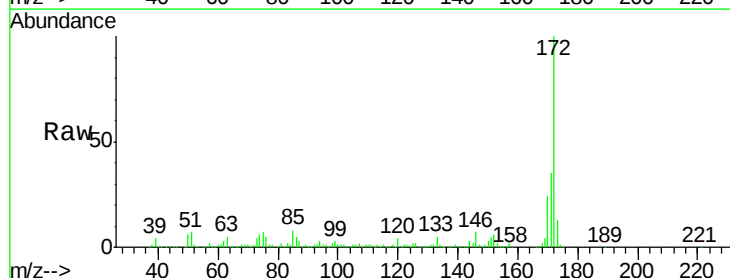
Instrument :
 BNA_M
 ClientSampleId :
 RAV-MW-6

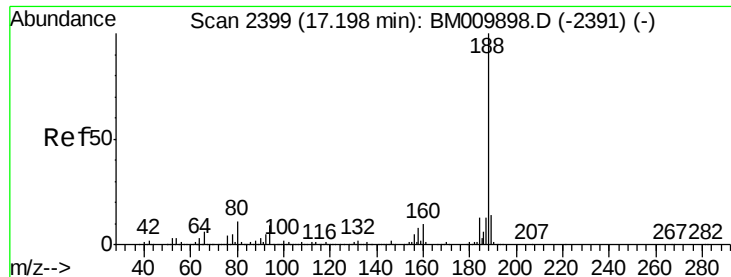
Tgt Ion:330 Resp: 463974
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 45.6 0.0 0.0#



#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

Tgt 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

Instrument :

BNA_M

ClientSampleId :

RAV-MW-6

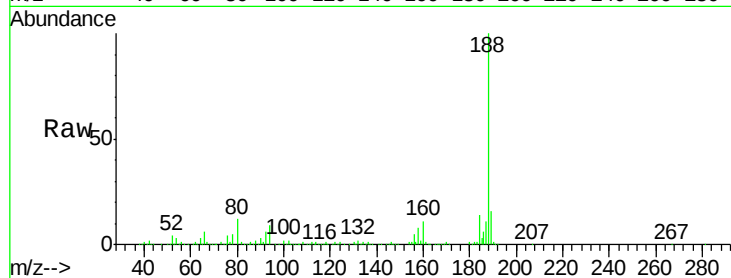
Tgt Ion:188 Resp: 524191

Ion Ratio Lower Upper

188 100

94 9.4 8.7 13.1

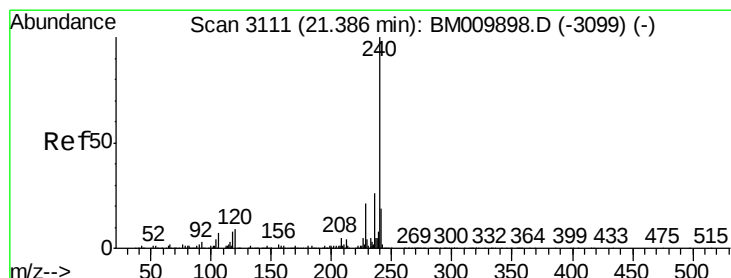
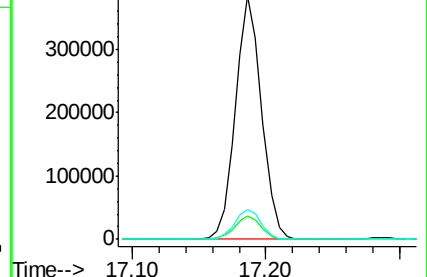
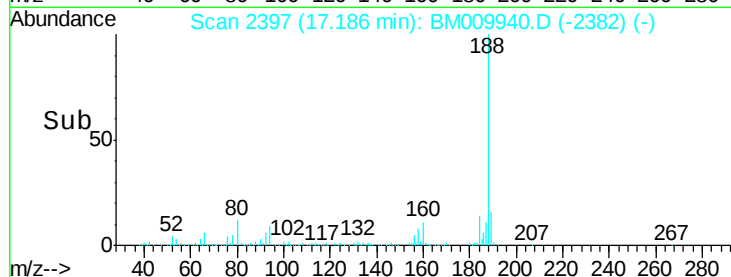
80 12.2 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM009940.D (-2391) (-)

Ion 80.00 (79.70 to 80.70): BM009940.D (-2391) (-)



#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

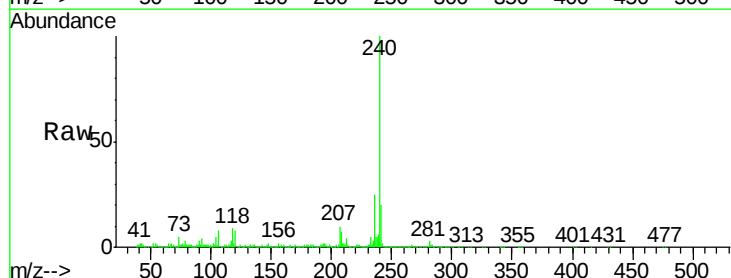
Tgt Ion:240 Resp: 715230

Ion Ratio Lower Upper

240 100

120 8.2 8.2 12.2

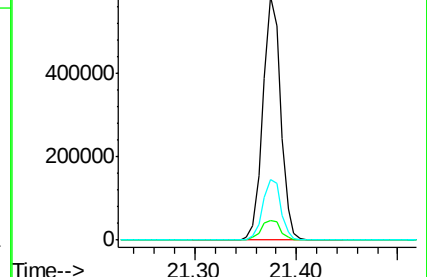
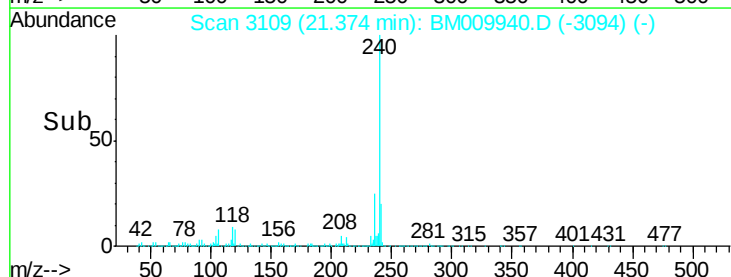
236 24.9 20.0 30.0

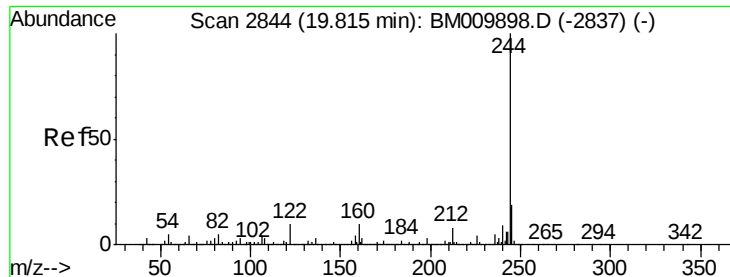


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

RAV-MW-6

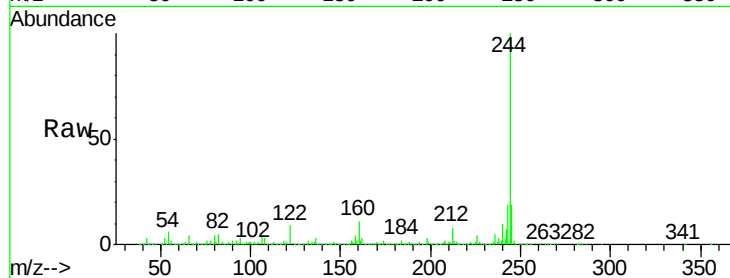
Tgt Ion:244 Resp: 3073688

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

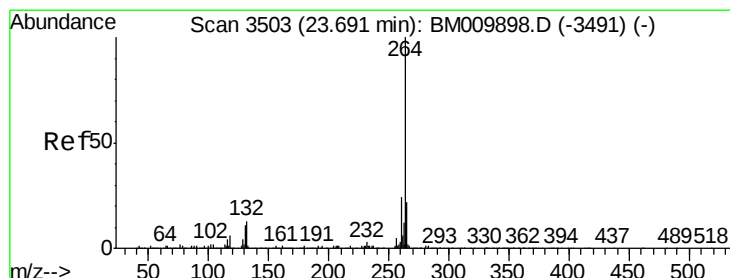
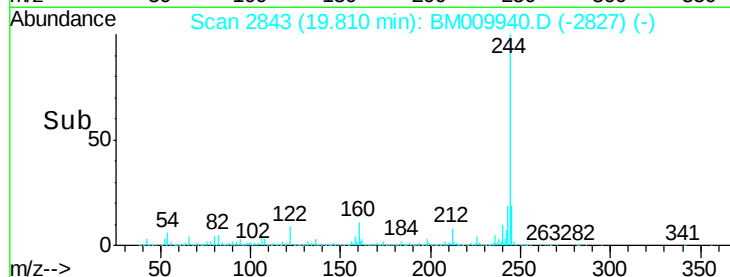
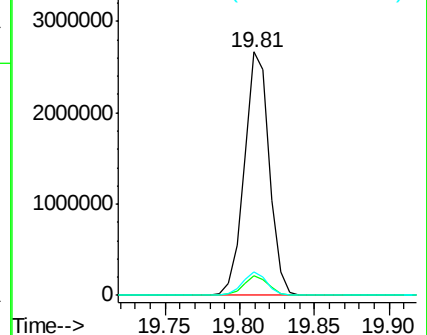
122 9.4 6.2 9.4#



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: 23.68 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BM009940.D

Acq: 06 May 2017 14:14

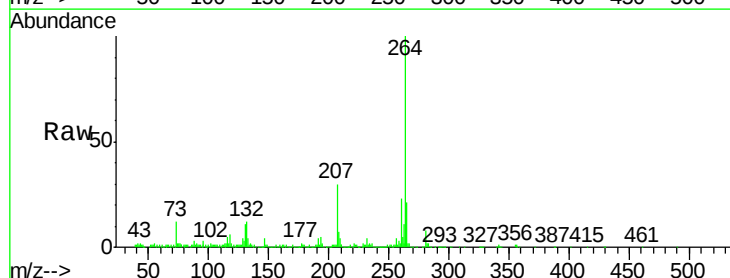
Tgt Ion:264 Resp: 626427

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 21.3 17.3 25.9



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

