

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
 Data File : BM009944.D
 Acq On : 06 May 2017 16:38
 Operator : SJ/MA
 Sample : I2980-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-106

Quant Time: May 08 06:40:04 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	77763	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	326507	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	205836	20.00	ng	-0.01
63) Phenanthrene-d10	17.19	188	528936	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	697366	20.00	ng	-0.01
86) Perylene-d12	23.67	264	580076	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	332878	68.15	ng	0.00
7) Phenol-d6	6.96	99	296071	39.54	ng	0.00
23) Nitrobenzene-d5	8.95	82	872984	96.76	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	429567	152.80	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	1524051	96.47	ng	-0.01
78) Terphenyl-d14	19.81	244	2926329	86.08	ng	0.00

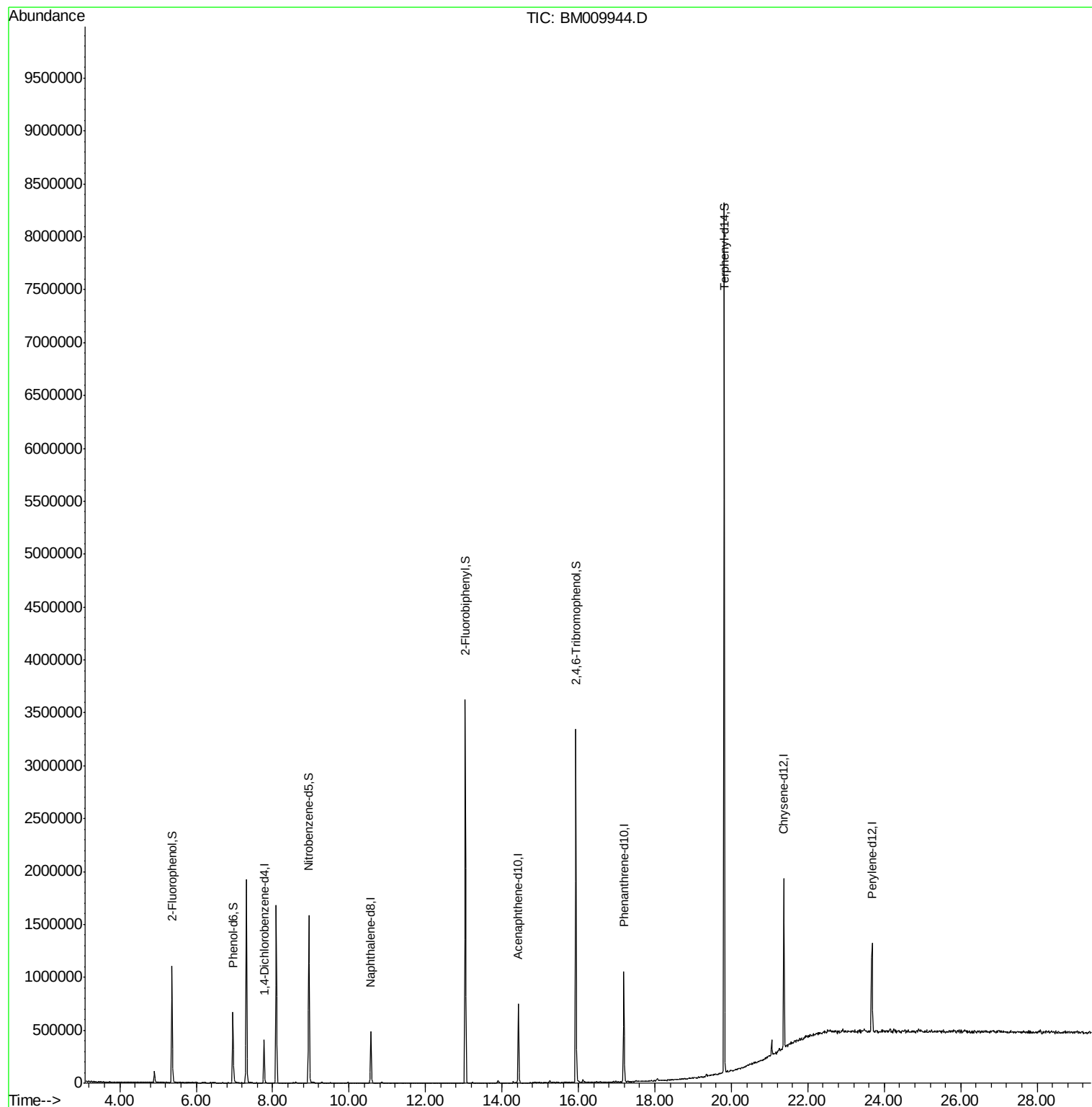
Target Compounds	Qvalue
------------------	--------

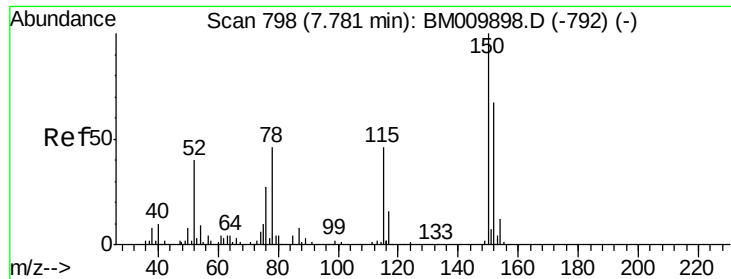
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009944.D
Acq On : 06 May 2017 16:38
Operator : SJ/MA
Sample : I2980-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

Quant Time: May 08 06:40:04 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



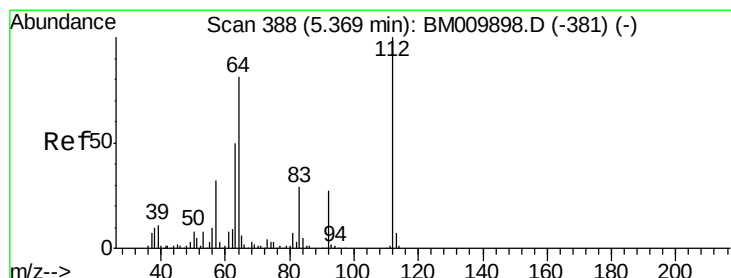
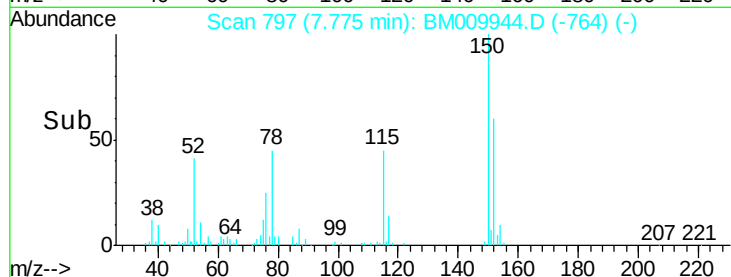
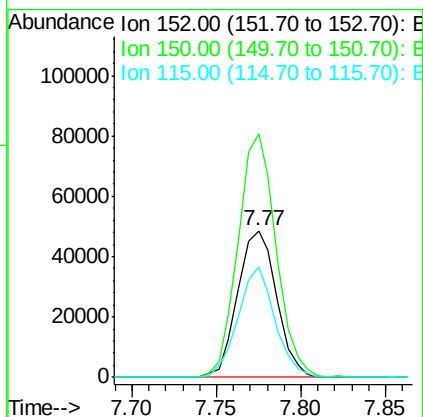
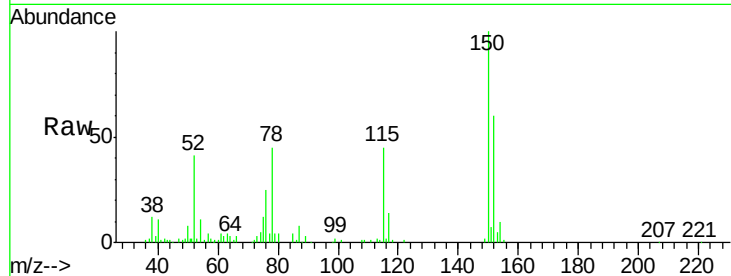


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009944.D
Acq: 06 May 2017 16:38

Instrument :
BNA_M
ClientSampled :
RAV-GT-106

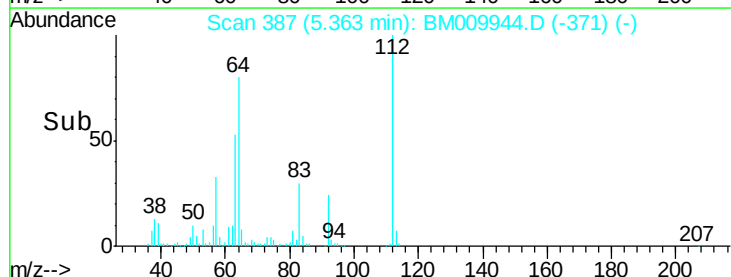
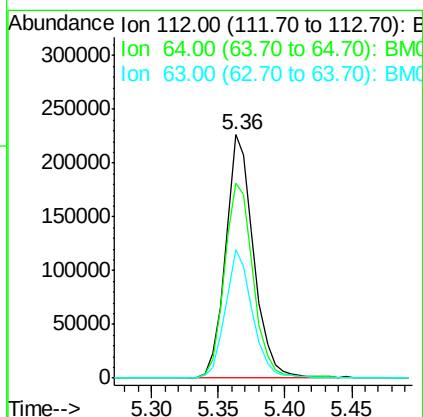
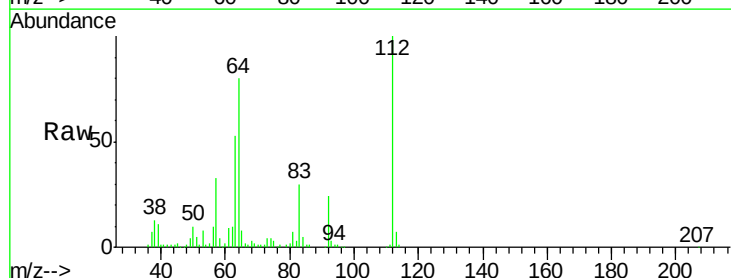
Tgt Ion:152 Resp: 77763
Ion Ratio Lower Upper
152 100
150 165.9 119.5 179.3
115 75.2 43.0 64.4#

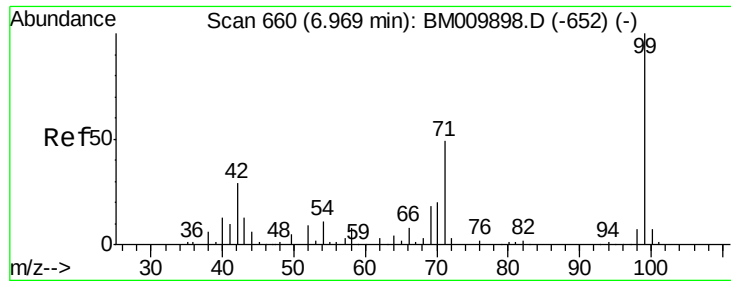


#5

2-Fluorophenol
Concen: 68.15 ng
RT: 5.36 min Scan# 387
Delta R.T. -0.01 min
Lab File: BM009944.D
Acq: 06 May 2017 16:38

Tgt Ion:112 Resp: 332878
Ion Ratio Lower Upper
112 100
64 80.0 38.6 57.8#
63 52.8 19.3 28.9#





#7

Phenol-d6

Concen: 39.54 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009944.D

Acq: 06 May 2017 16:38

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

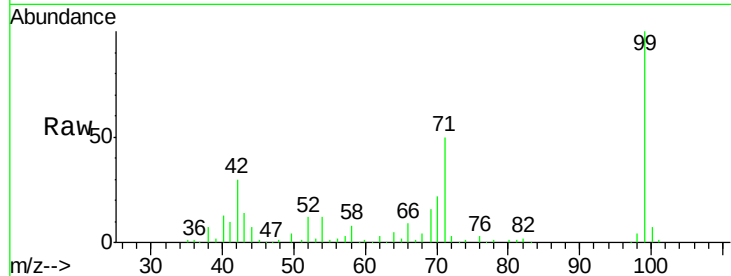
Tgt Ion: 99 Resp: 296071

Ion Ratio Lower Upper

99 100

42 30.1 11.0 16.4#

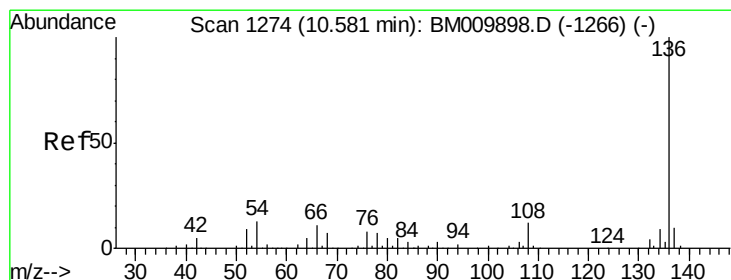
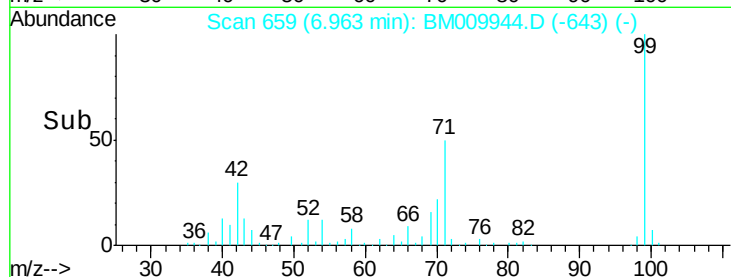
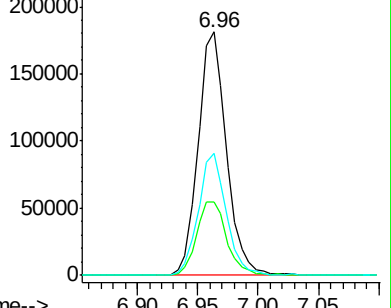
71 50.4 23.4 35.2#



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: BM009944.D

Acq: 06 May 2017 16:38

Tgt Ion: 136 Resp: 326507

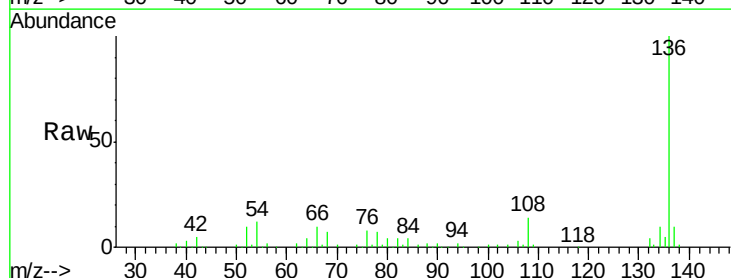
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 11.6 4.6 6.8#

68 7.3 3.7 5.5#

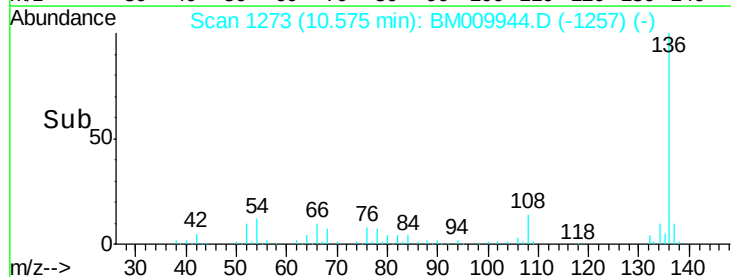
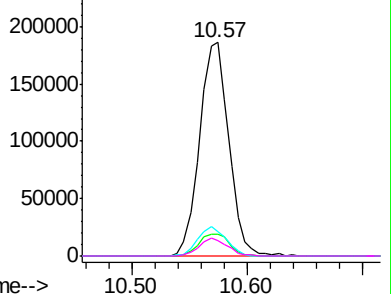


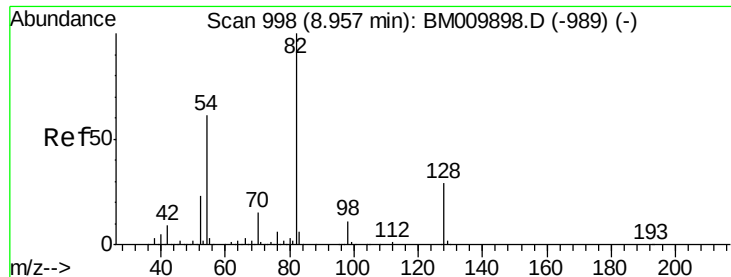
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

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) (-)

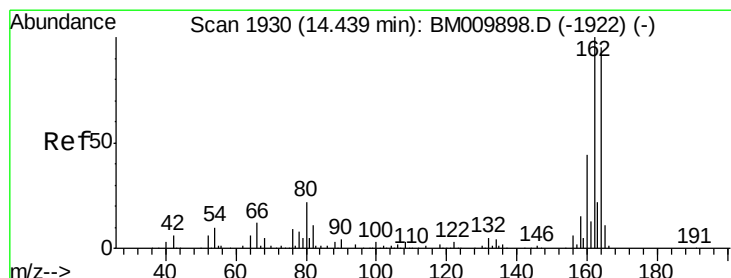
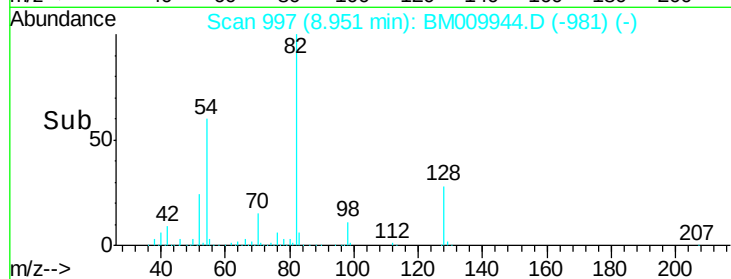
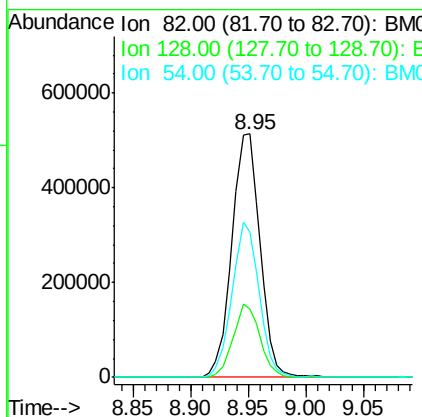
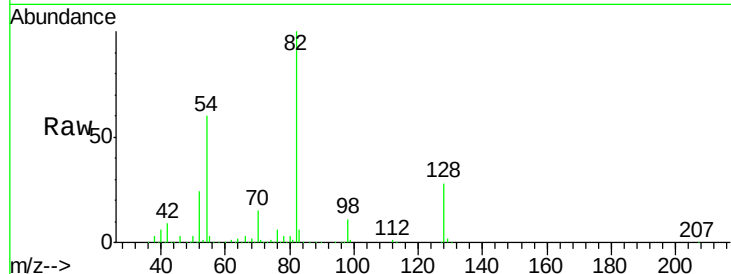




#23
 Nitrobenzene-d5
 Concen: 96.76 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009944.D
 Acq: 06 May 2017 16:38

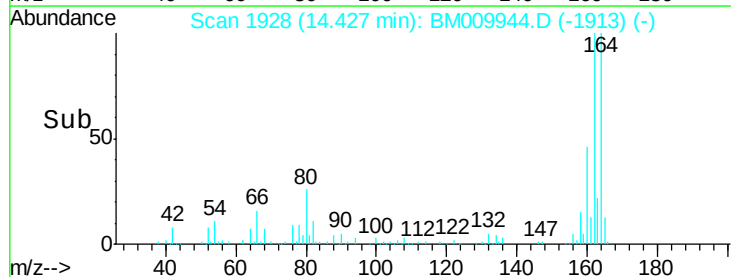
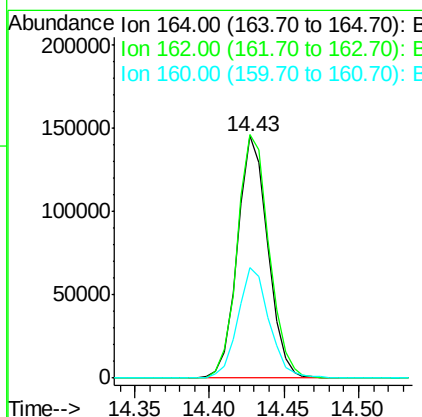
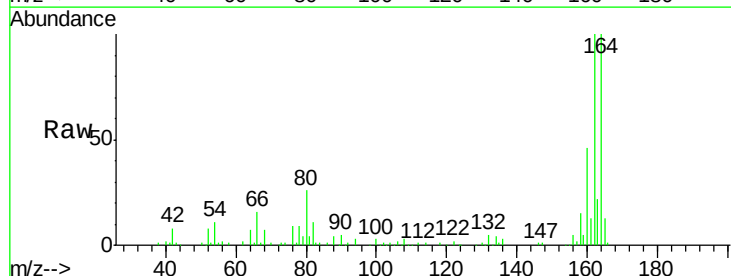
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-106

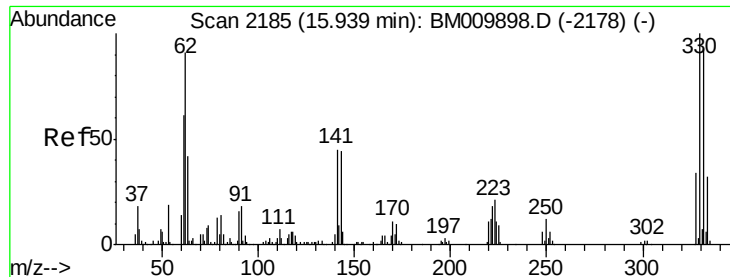
Tgt Ion	Ratio	Lower	Upper
82	100		
128	28.1	32.8	49.2#
54	59.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM009944.D
 Acq: 06 May 2017 16:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.4	123.6
160	45.8	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 152.80 ng

RT: 15.93 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BM009944.D

Acq: 06 May 2017 16:38

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

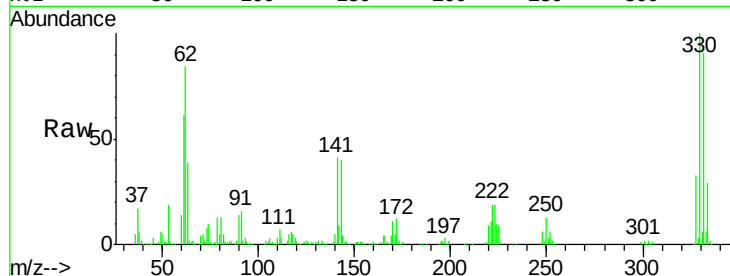
Tgt Ion:330 Resp: 429567

Ion Ratio Lower Upper

330 100

332 94.6 0.0 0.0#

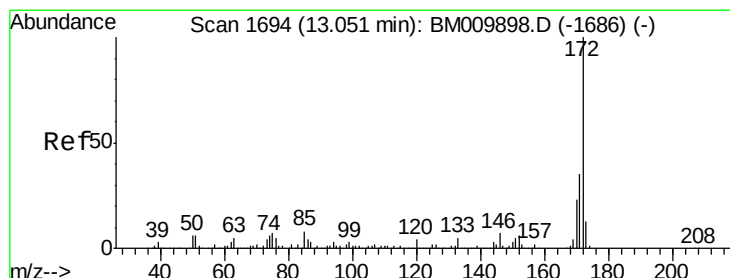
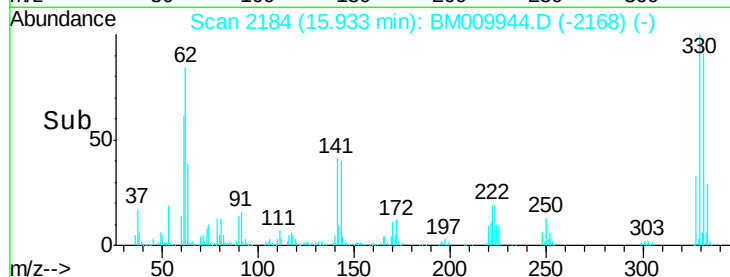
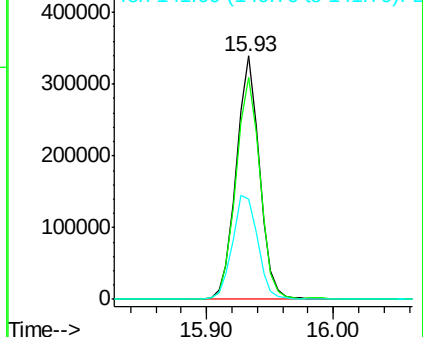
141 46.7 0.0 0.0#



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: 96.47 ng

RT: 13.04 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BM009944.D

Acq: 06 May 2017 16:38

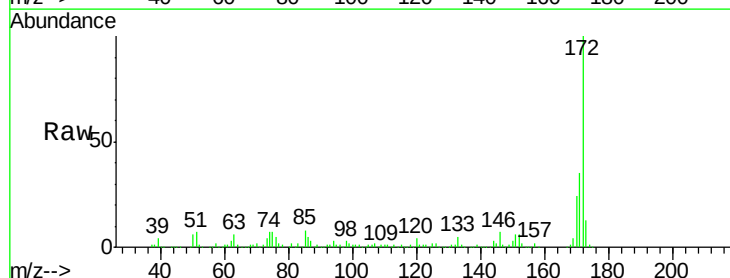
Tgt Ion:172 Resp: 1524051

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

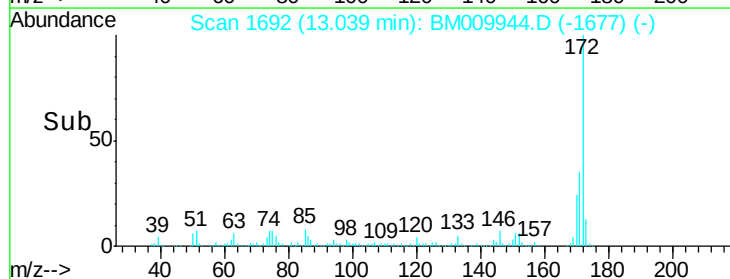
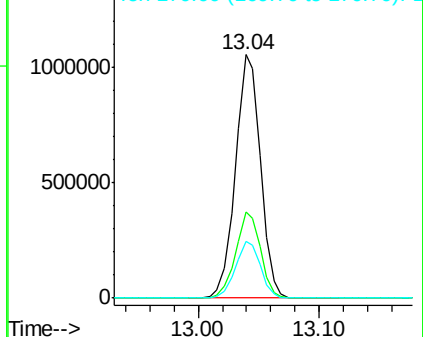
170 23.5 18.8 28.2

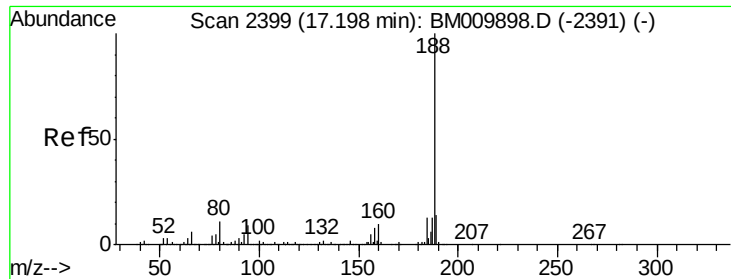


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

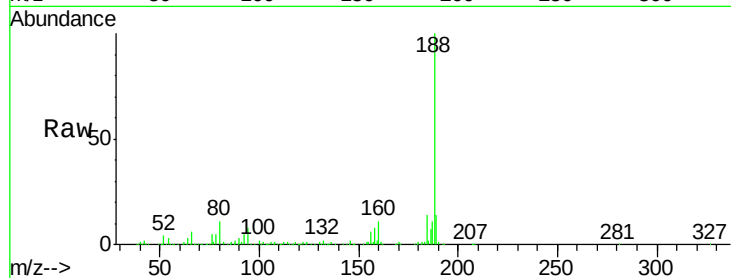




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009944.D
Acq: 06 May 2017 16:38

Instrument :
BNA_M
ClientSampleId :
RAV-GT-106

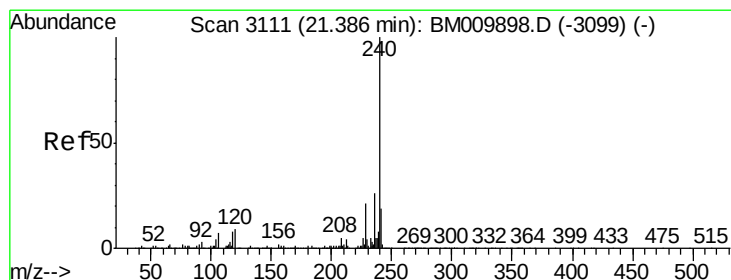
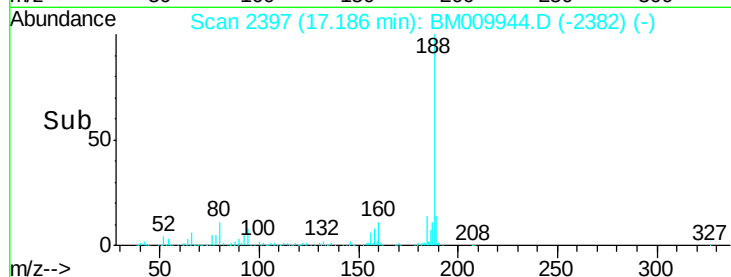
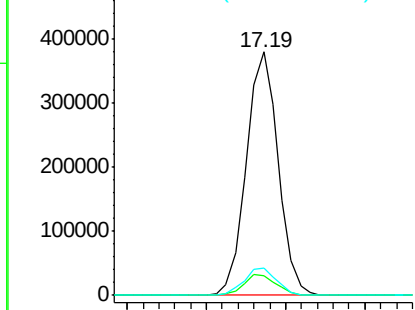
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.7	13.1#
80	11.4	9.3	13.9



Abundance Ion 188.00 (187.70 to 188.70): E

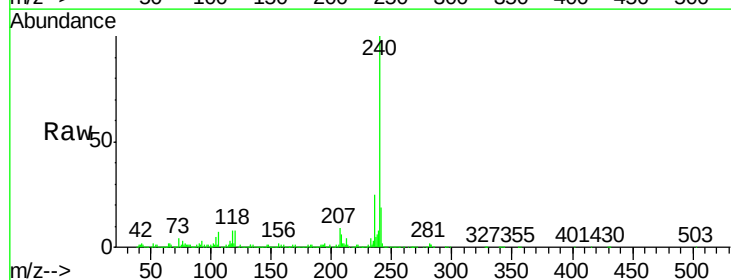
Ion 94.00 (93.70 to 94.70): BM009944.D (-2391) (-)

Ion 80.00 (79.70 to 80.70): BM009944.D (-2391) (-)



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM009944.D
Acq: 06 May 2017 16:38

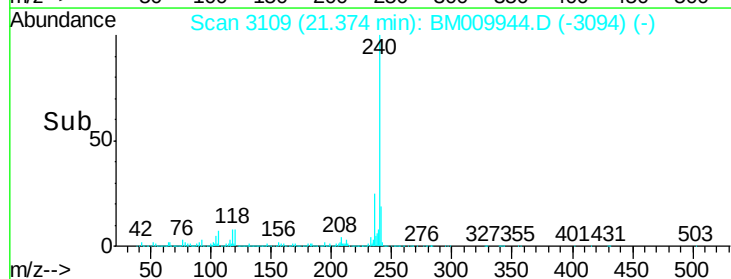
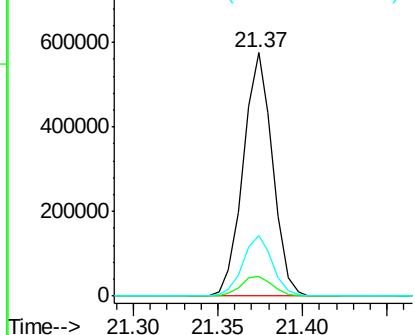
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.2	12.2
236	25.0	20.0	30.0

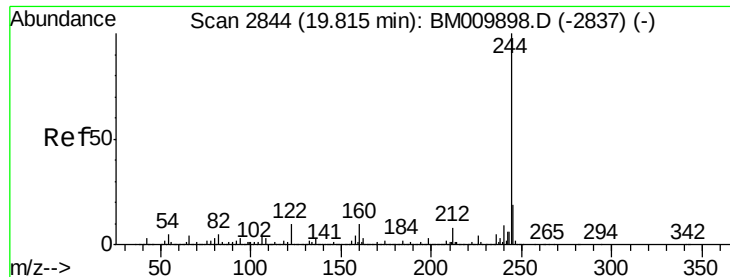


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.08 ng

RT: 19.81 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM009944.D

Acq: 06 May 2017 16:38

Instrument :

BNA_M

ClientSampleId :

RAV-GT-106

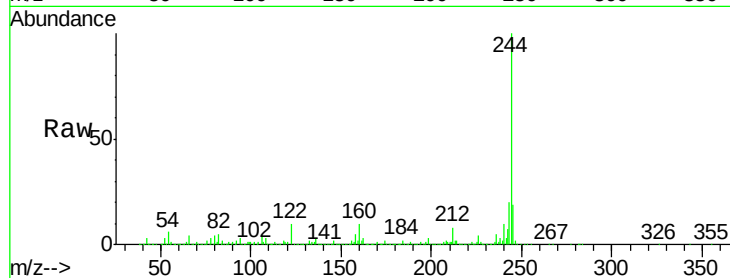
Tgt Ion:244 Resp: 2926329

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

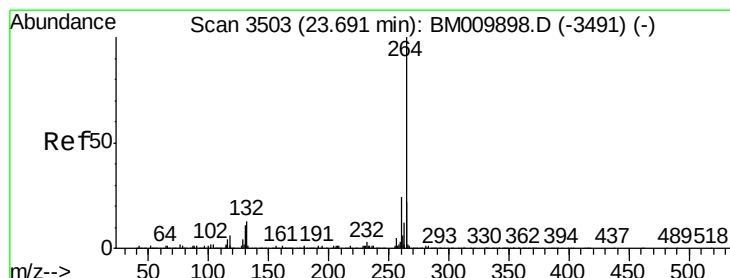
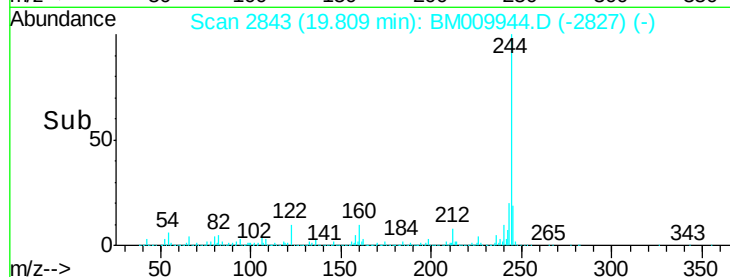
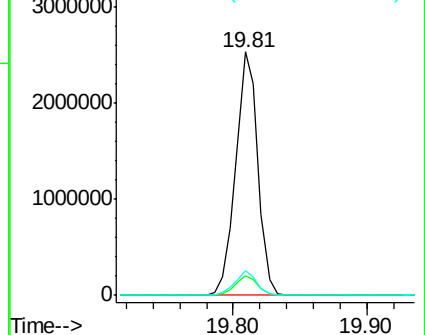
122 10.0 6.2 9.4#



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# 3500

Delta R.T. -0.02 min

Lab File: BM009944.D

Acq: 06 May 2017 16:38

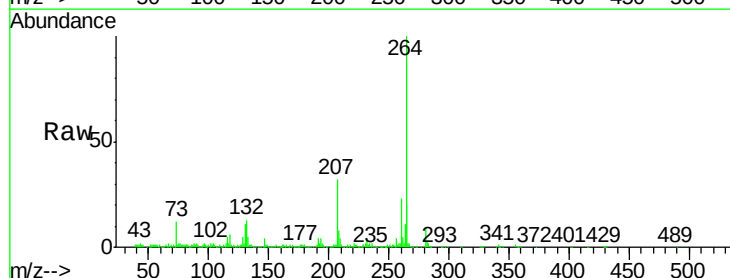
Tgt Ion:264 Resp: 580076

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 20.3 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

