

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
 Data File : BM009941.D
 Acq On : 06 May 2017 14:50
 Operator : SJ/MA
 Sample : I2980-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GTMW-5

Quant Time: May 08 05:41:50 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	86172	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	344745	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	222600	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	569782	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	729020	20.00	ng	-0.01
86) Perylene-d12	23.68	264	607852	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	368641	68.11	ng	0.00
7) Phenol-d6	6.96	99	386421	46.57	ng	0.00
23) Nitrobenzene-d5	8.95	82	934312	98.08	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	495442	162.96	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1671009	97.81	ng	0.00
78) Terphenyl-d14	19.81	244	2854530	80.32	ng	0.00

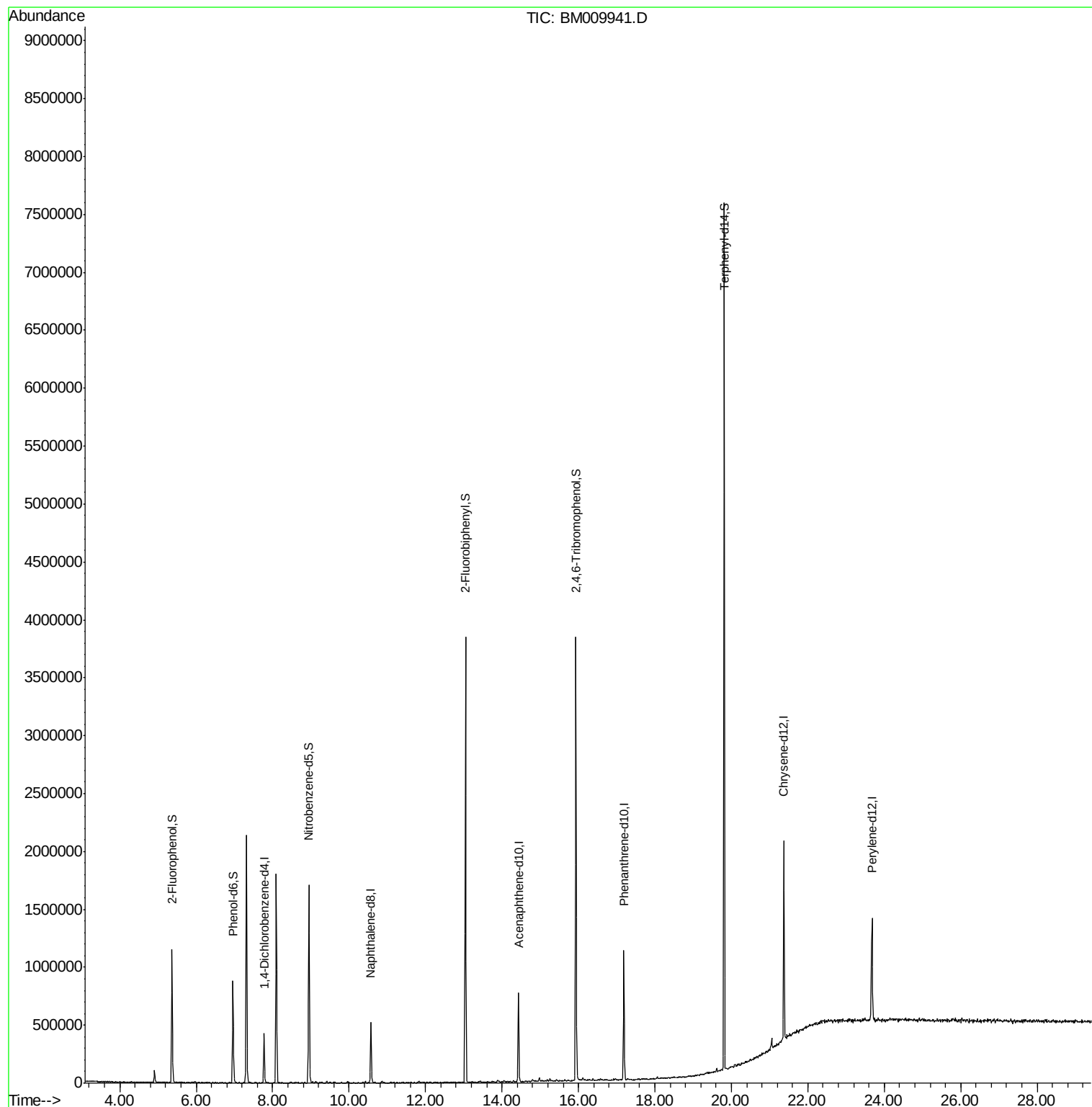
Target Compounds	Qvalue
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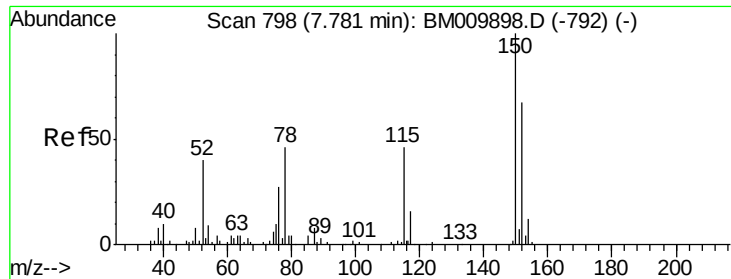
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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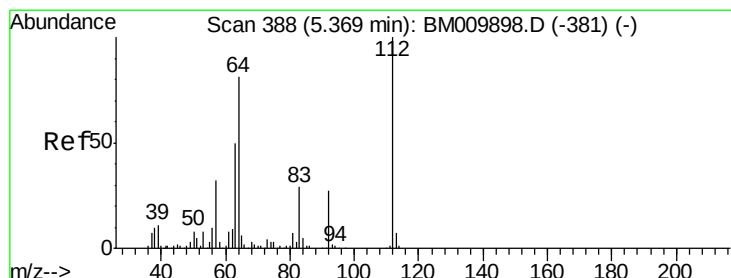
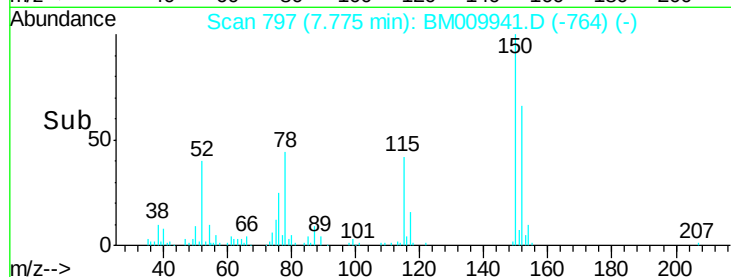
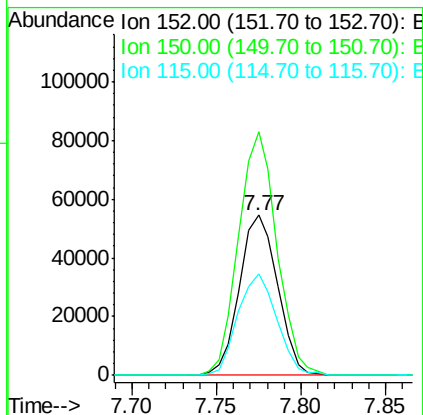
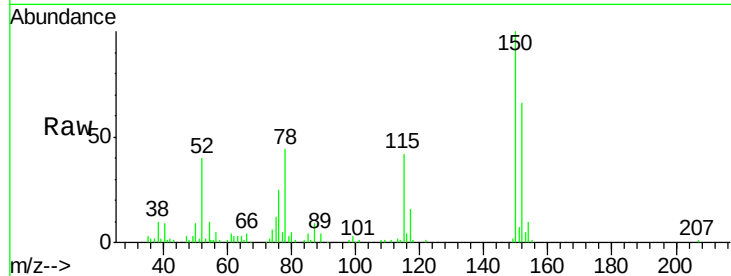


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009941.D
Acq: 06 May 2017 14:50

Instrument :
BNA_M
ClientSampled :
RAV-GTMW-5

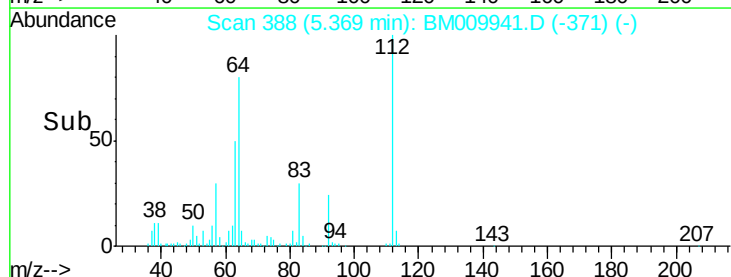
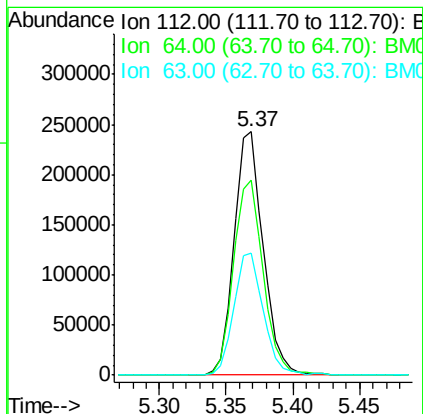
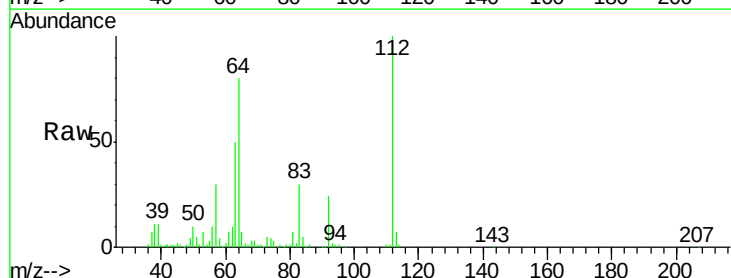
Tgt Ion:152 Resp: 86172
Ion Ratio Lower Upper
152 100
150 151.9 119.5 179.3
115 63.2 43.0 64.4

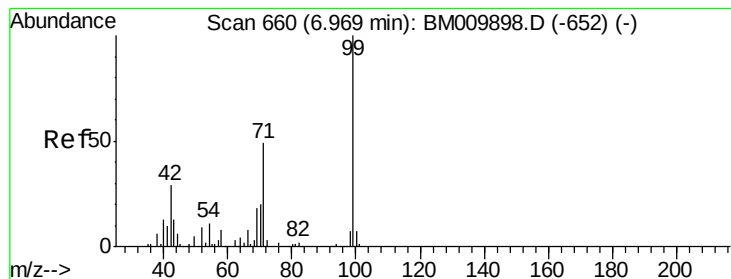


#5

2-Fluorophenol
Concen: 68.11 ng
RT: 5.37 min Scan# 388
Delta R.T. 0.00 min
Lab File: BM009941.D
Acq: 06 May 2017 14:50

Tgt Ion:112 Resp: 368641
Ion Ratio Lower Upper
112 100
64 80.0 38.6 57.8#
63 49.9 19.3 28.9#





#7

Phenol-d6

Concen: 46.57 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009941.D

Acq: 06 May 2017 14:50

Instrument :

BNA_M

ClientSampleId :

RAV-GTMW-5

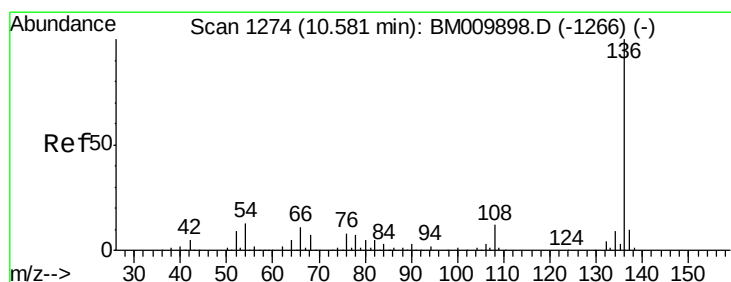
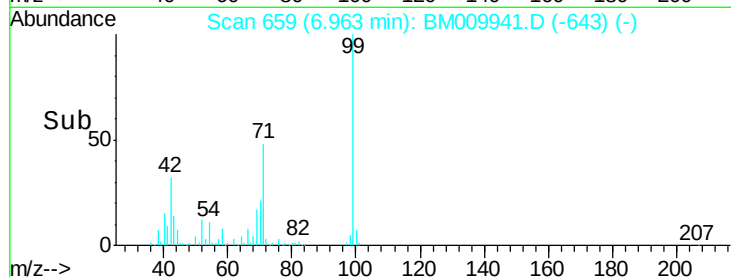
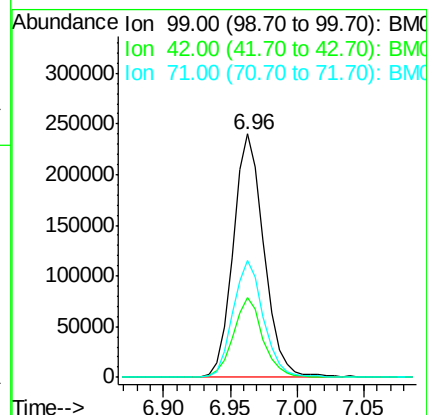
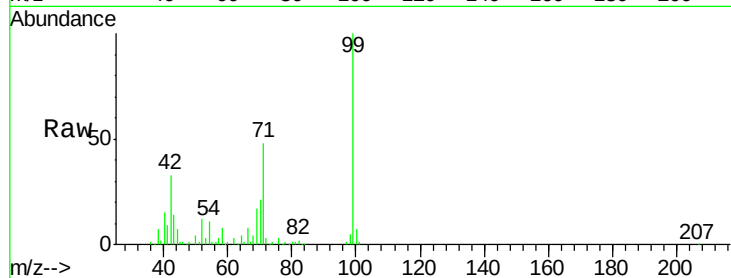
Tgt Ion: 99 Resp: 386421

Ion Ratio Lower Upper

99 100

42 32.6 11.0 16.4#

71 48.0 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM009941.D

Acq: 06 May 2017 14:50

Tgt Ion: 136 Resp: 344745

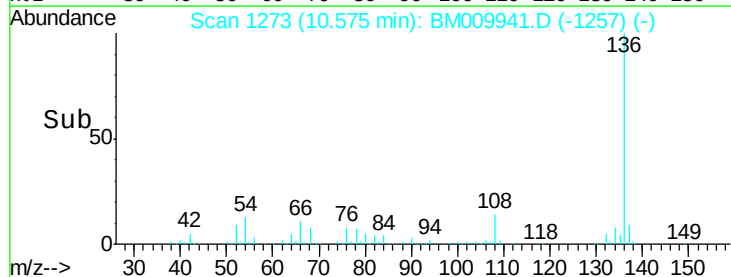
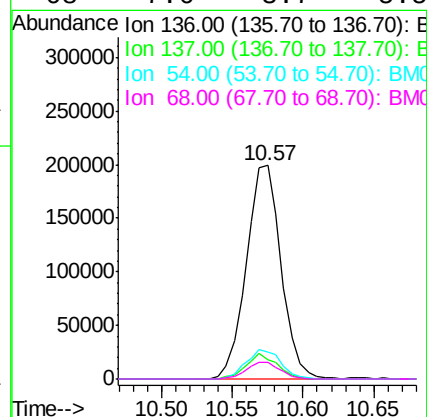
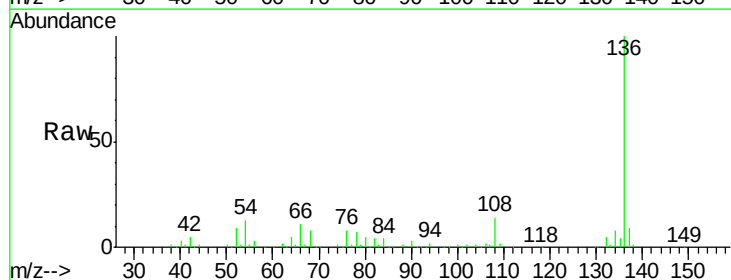
Ion Ratio Lower Upper

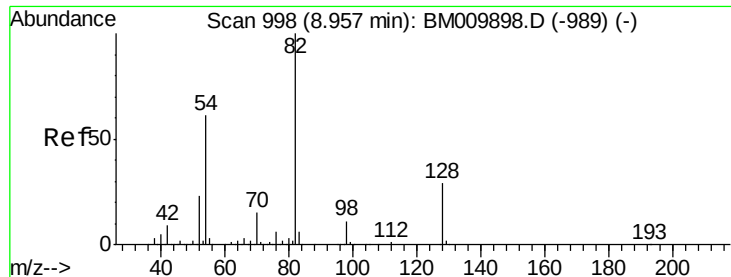
136 100

137 9.0 8.7 13.1

54 12.9 4.6 6.8#

68 7.6 3.7 5.5#

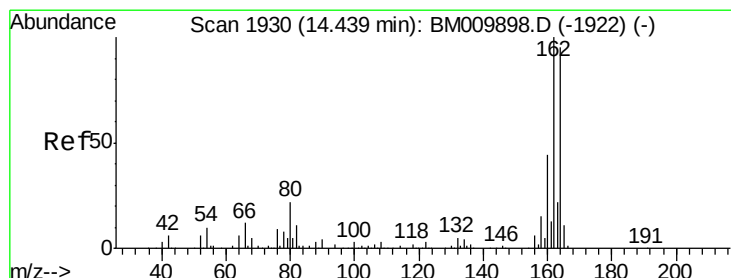
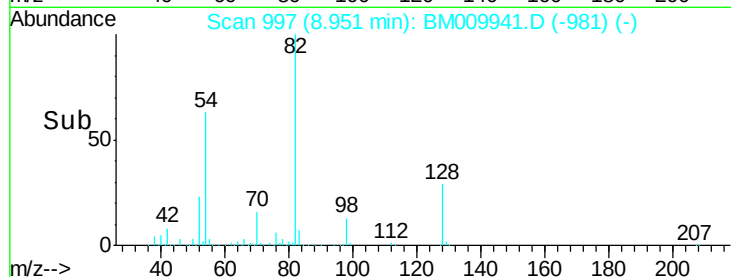
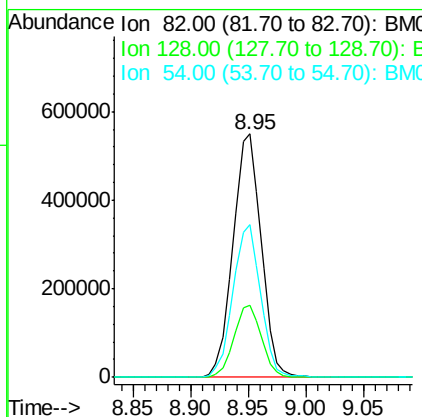
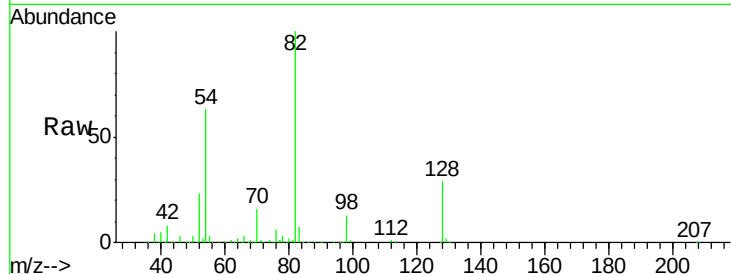




#23
 Nitrobenzene-d5
 Concen: 98.08 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009941.D
 Acq: 06 May 2017 14:50

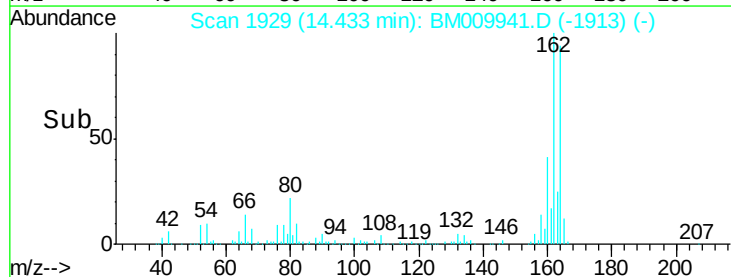
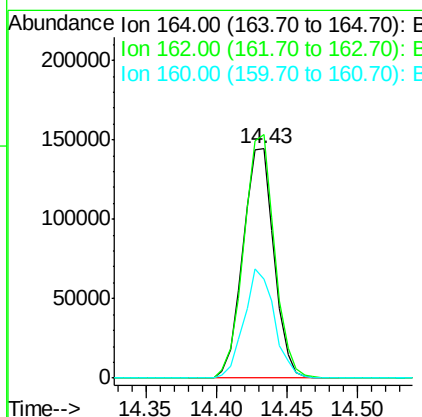
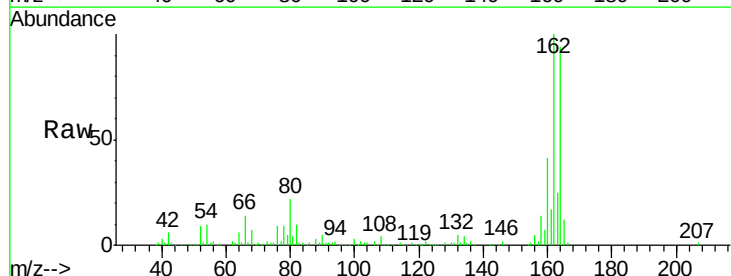
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GTMW-5

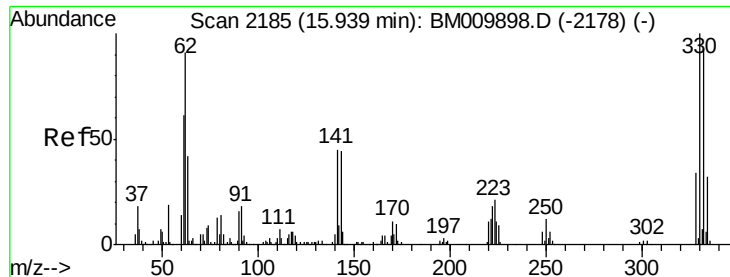
Tgt Ion	Ratio	Lower	Upper
82	100		
128	29.4	32.8	49.2#
54	62.5	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BM009941.D
 Acq: 06 May 2017 14:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	43.3	35.8	53.6

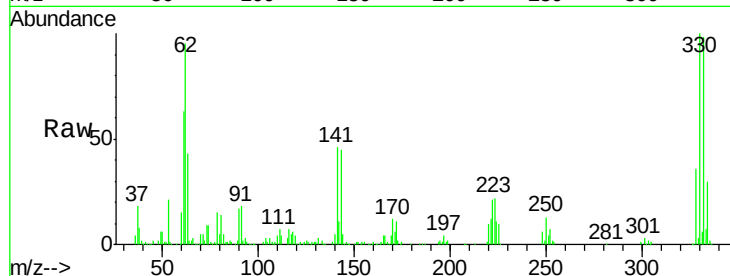




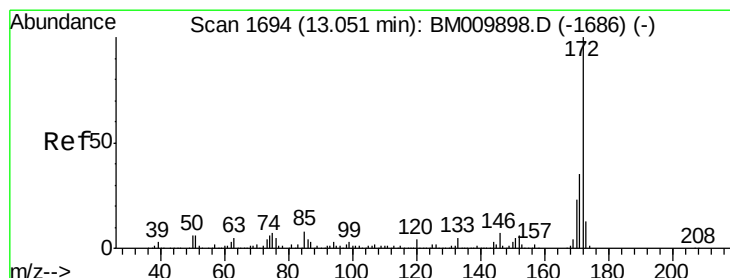
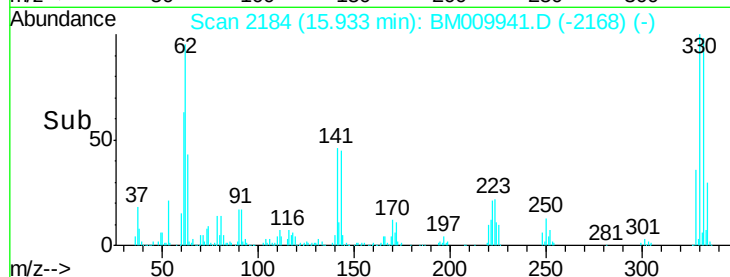
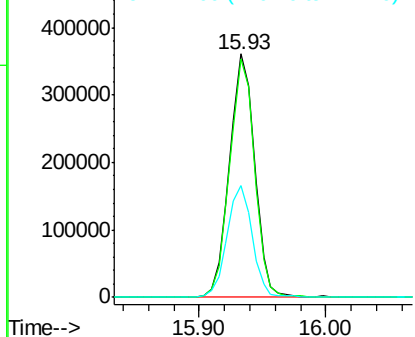
#41
 2,4,6-Tribromophenol
 Concen: 162.96 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009941.D
 Acq: 06 May 2017 14:50

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GTMW-5

Tgt Ion:330 Resp: 495442
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 46.0 0.0 0.0#

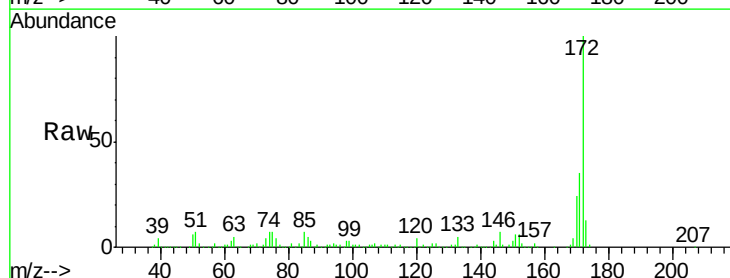


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

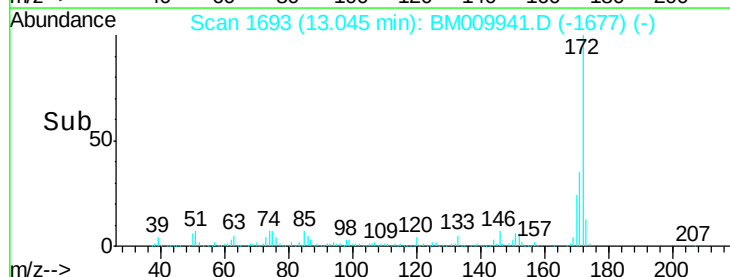
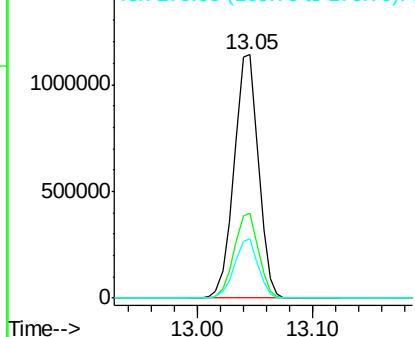


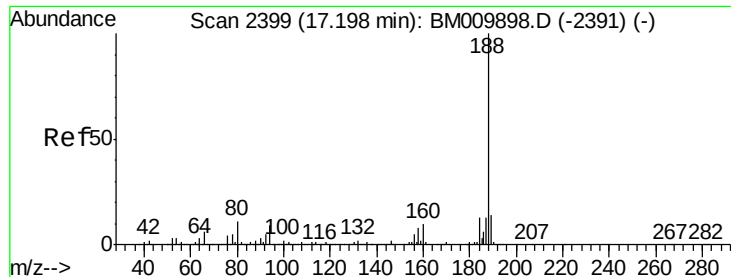
#44
 2-Fluorobiphenyl
 Concen: 97.81 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009941.D
 Acq: 06 May 2017 14:50

Tgt Ion:172 Resp: 1671009
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 24.4 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

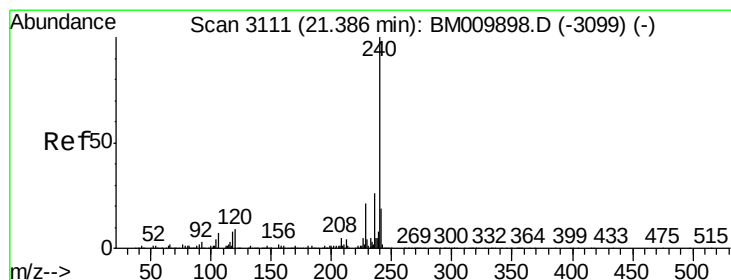
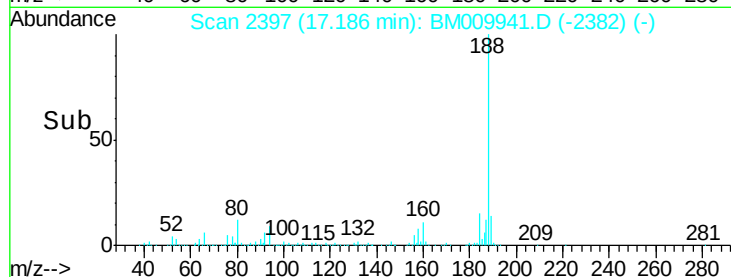
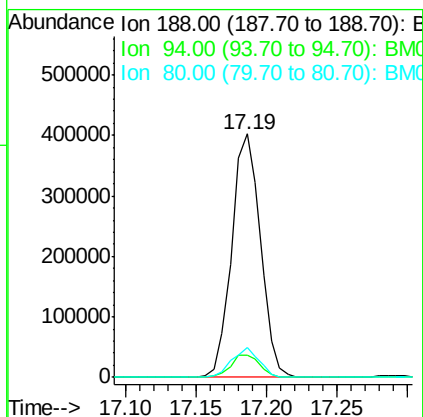
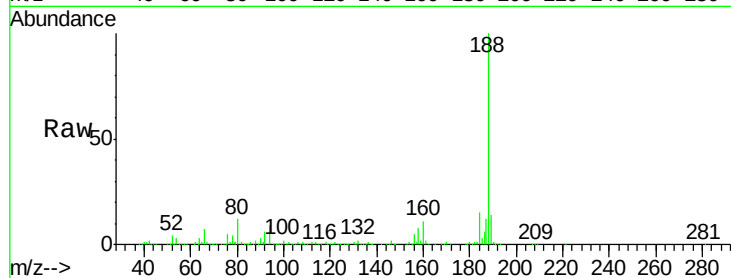




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009941.D
Acq: 06 May 2017 14:50

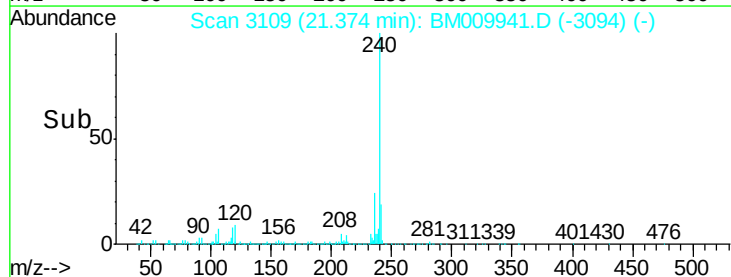
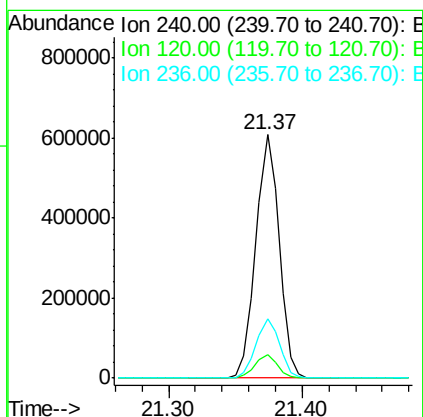
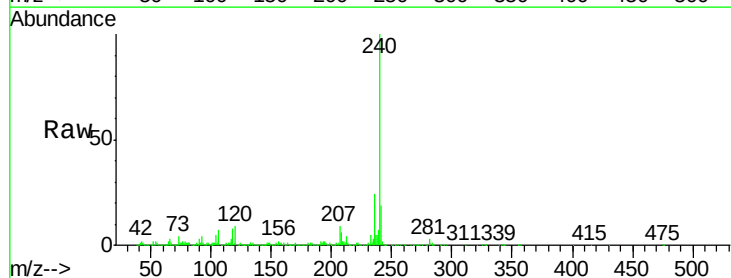
Instrument :
BNA_M
ClientSampleId :
RAV-GTMW-5

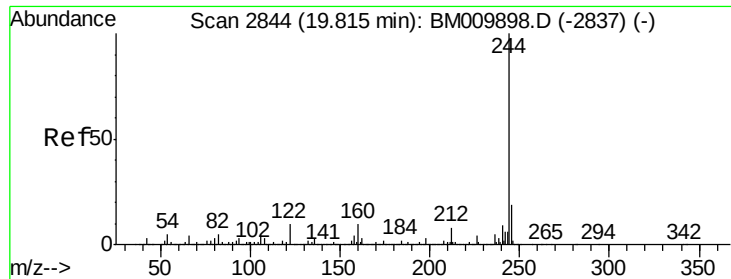
Tgt Ion:188 Resp: 569782
Ion Ratio Lower Upper
188 100
94 9.1 8.7 13.1
80 12.2 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM009941.D
Acq: 06 May 2017 14:50

Tgt Ion:240 Resp: 729020
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 24.5 20.0 30.0





#78

Terphenyl-d14

Concen: 80.32 ng

RT: 19.81 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM009941.D

Acq: 06 May 2017 14:50

Instrument :

BNA_M

ClientSampleId :

RAV-GTMW-5

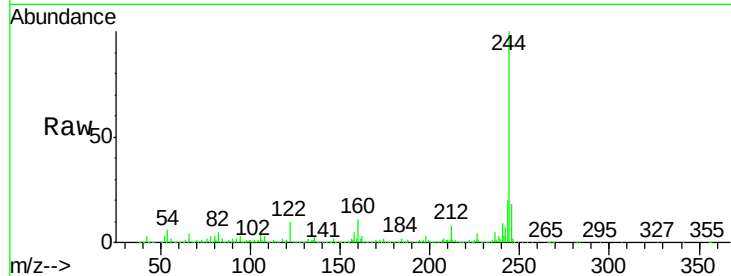
Tgt Ion:244 Resp: 2854530

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

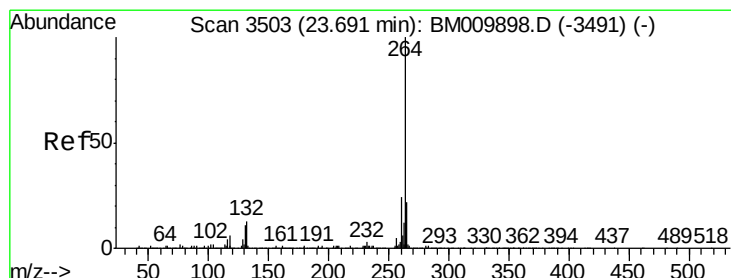
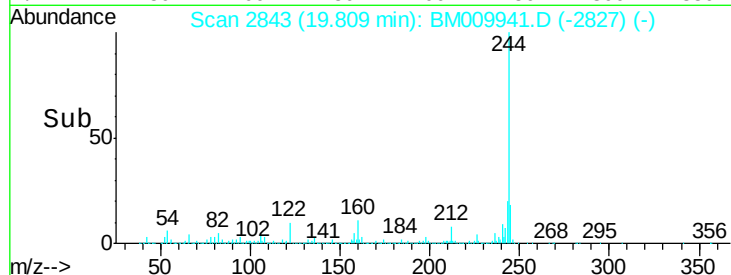
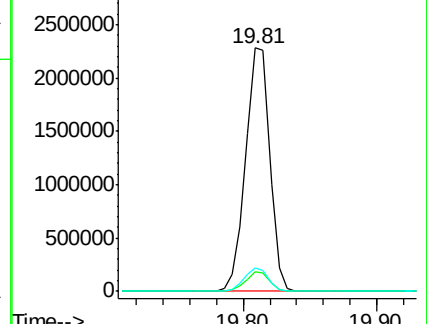
122 9.8 6.2 9.4#



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: BM009941.D

Acq: 06 May 2017 14:50

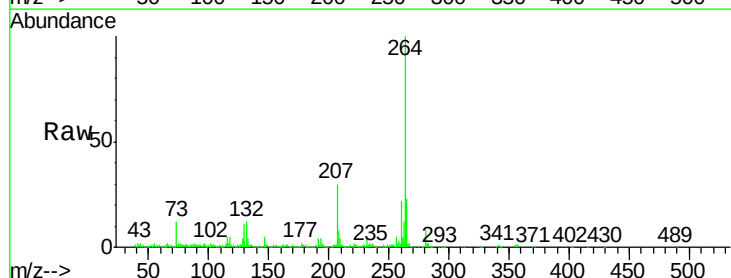
Tgt Ion:264 Resp: 607852

Ion Ratio Lower Upper

264 100

260 22.1 18.6 27.8

265 23.0 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

