

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
 Data File : BM009909.D
 Acq On : 05 May 2017 19:16
 Operator : SJ/MA
 Sample : I2893-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3061-PP1-DUP

Quant Time: May 06 00:38:03 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	95218	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	390526	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	240861	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	606039	20.00	ng	0.00
75) Chrysene-d12	21.38	240	810258	20.00	ng	0.00
86) Perylene-d12	23.69	264	758439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	424185	70.92	ng	0.00
7) Phenol-d6	6.96	99	380484	41.50	ng	0.00
23) Nitrobenzene-d5	8.95	82	1144360	106.04	ng	0.00
41) 2,4,6-Tribromophenol	15.94	330	624567	189.86	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	2049939	110.89	ng	0.00
78) Terphenyl-d14	19.82	244	4128520	104.53	ng	0.00

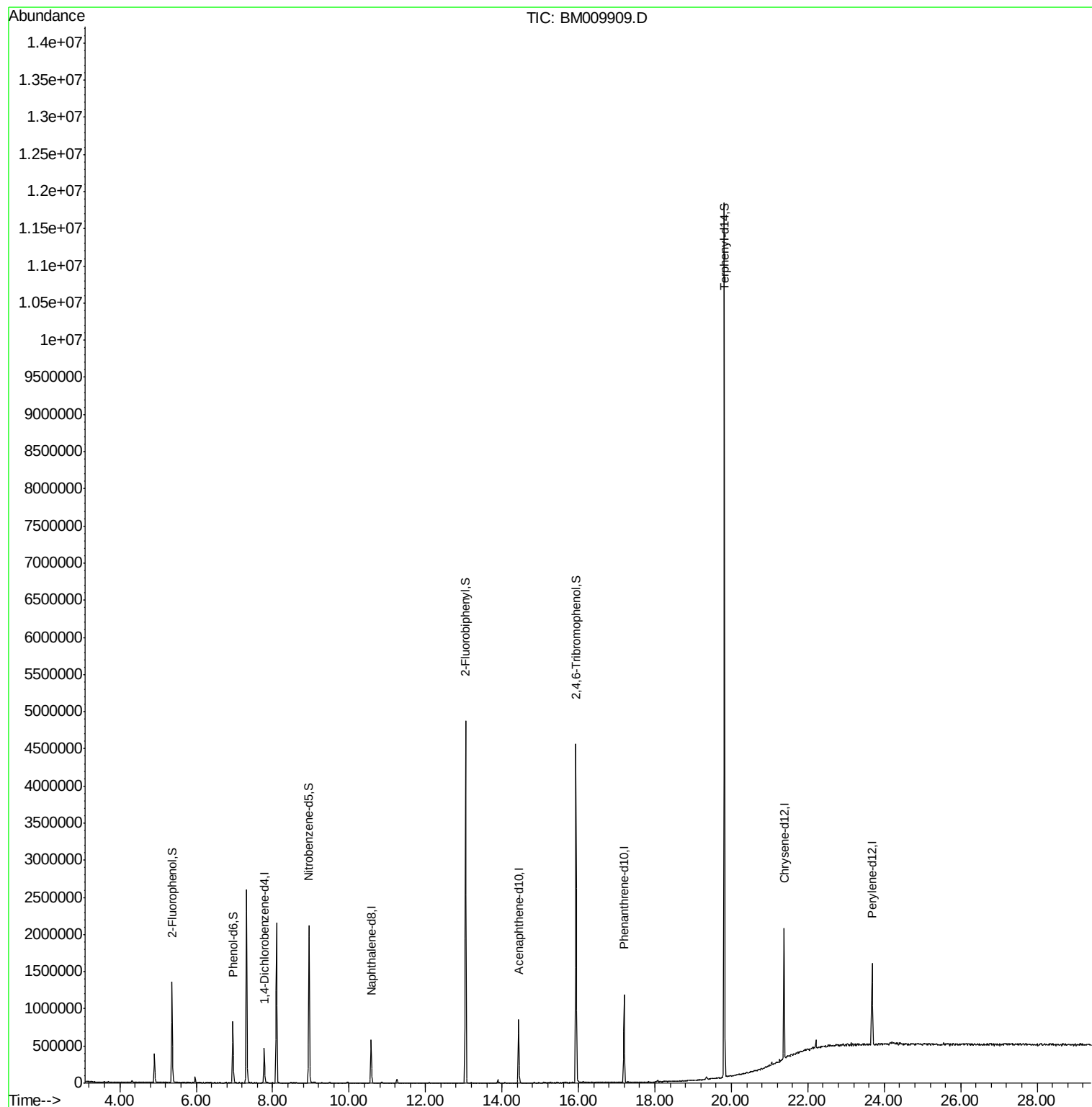
Target Compounds	Qvalue
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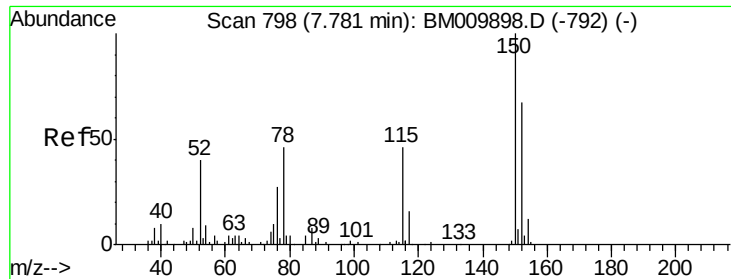
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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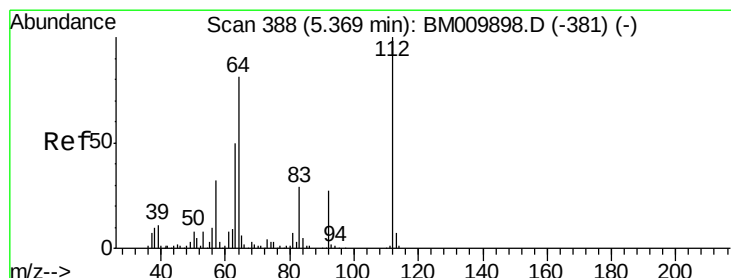
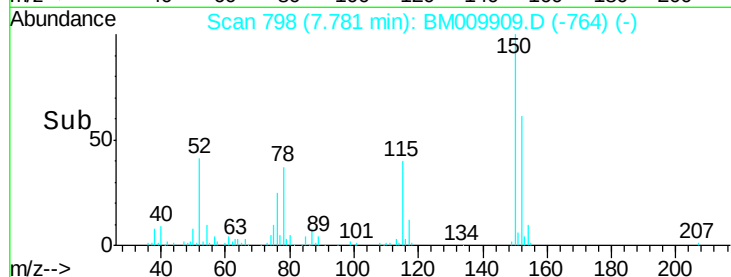
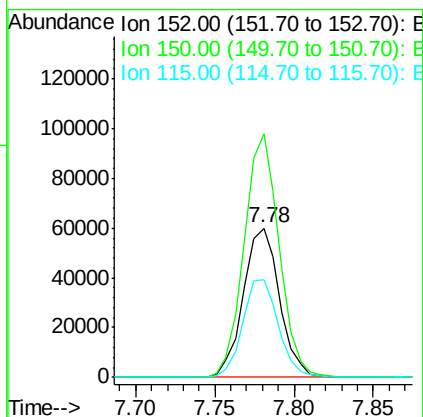
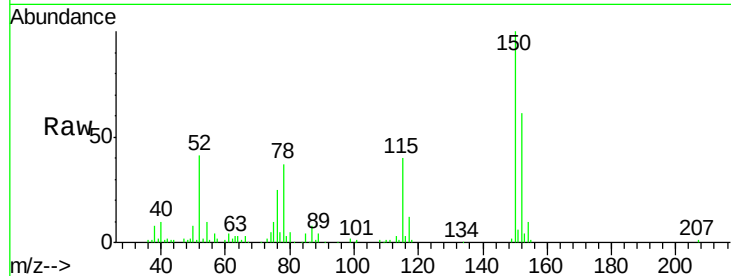


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BM009909.D
Acq: 05 May 2017 19:16

Instrument :
BNA_M
ClientSampleId :
3061-PP1-DUP

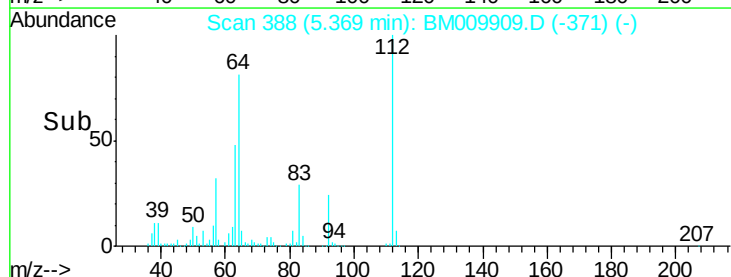
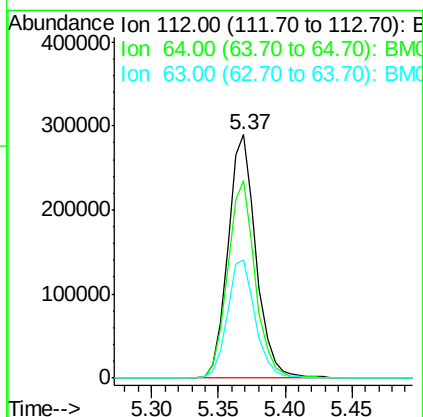
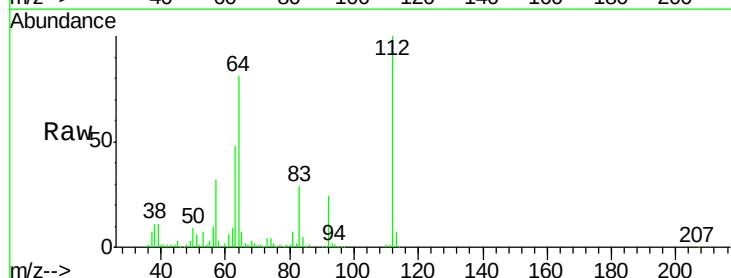
Tgt Ion:152 Resp: 95218
Ion Ratio Lower Upper
152 100
150 163.5 119.5 179.3
115 65.7 43.0 64.4#

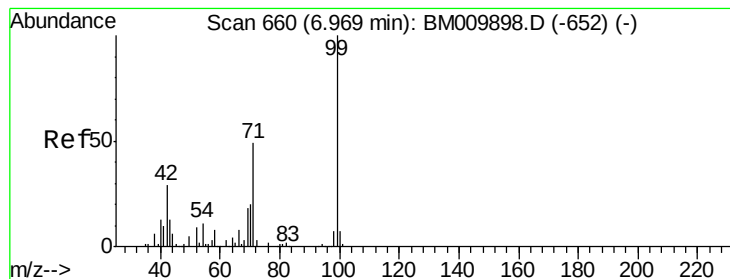


#5

2-Fluorophenol
Concen: 70.92 ng
RT: 5.37 min Scan# 388
Delta R.T. -0.00 min
Lab File: BM009909.D
Acq: 05 May 2017 19:16

Tgt Ion:112 Resp: 424185
Ion Ratio Lower Upper
112 100
64 80.9 38.6 57.8#
63 48.4 19.3 28.9#





#7

Phenol-d6

Concen: 41.50 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009909.D

Acq: 05 May 2017 19:16

Instrument :

BNA_M

ClientSampleId :

3061-PP1-DUP

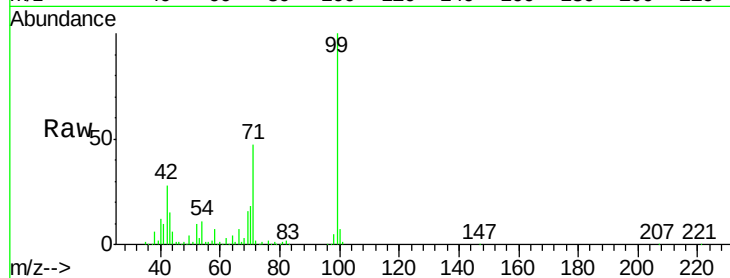
Tgt Ion: 99 Resp: 380484

Ion Ratio Lower Upper

99 100

42 28.0 11.0 16.4#

71 46.8 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) (-)

6.96

250000

200000

150000

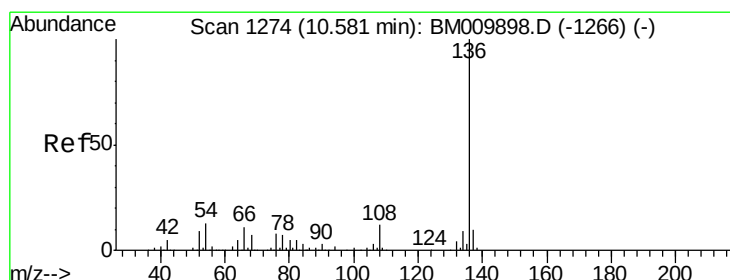
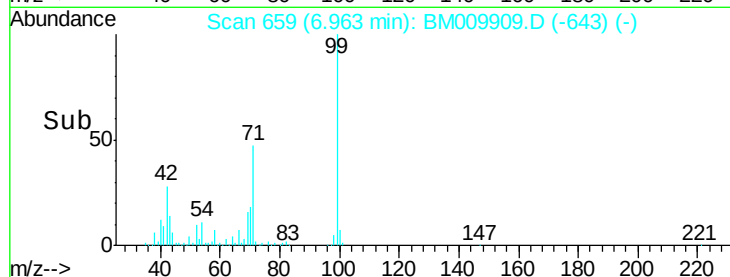
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM009909.D

Acq: 05 May 2017 19:16

Tgt Ion: 136 Resp: 390526

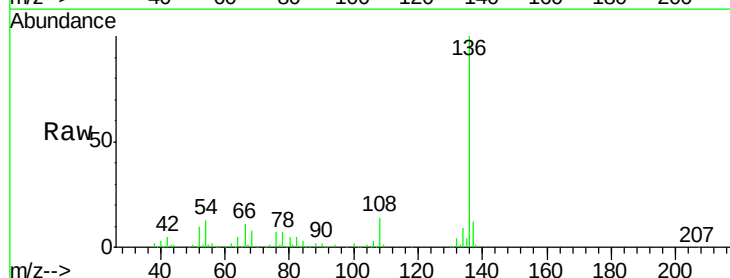
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 12.8 4.6 6.8#

68 7.9 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) (-)

10.57

300000

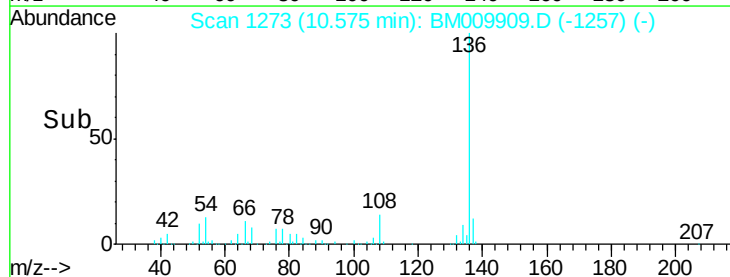
200000

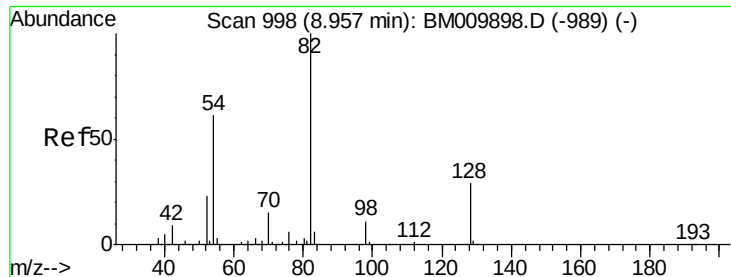
100000

0

10.50 10.55 10.60

Time-->

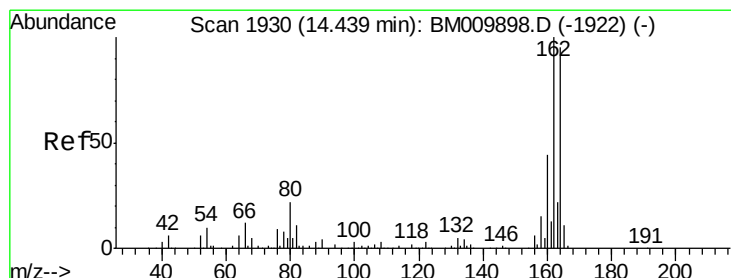
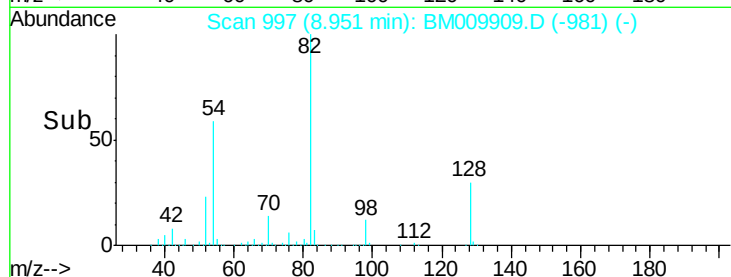
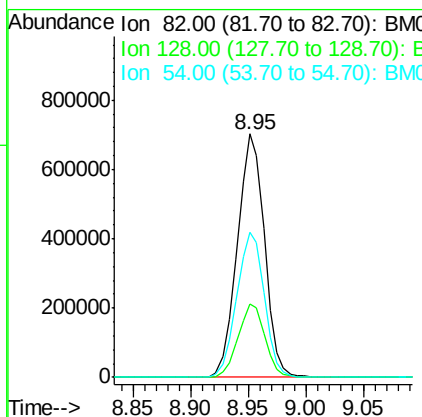
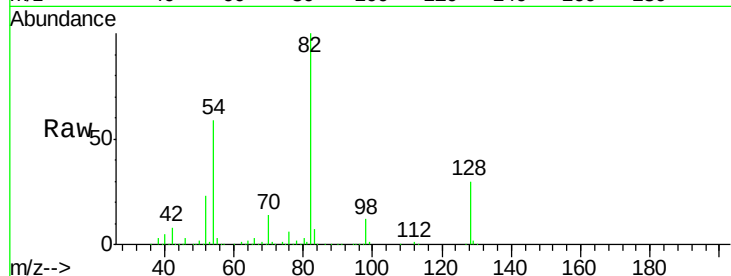




#23
 Nitrobenzene-d5
 Concen: 106.04 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009909.D
 Acq: 05 May 2017 19:16

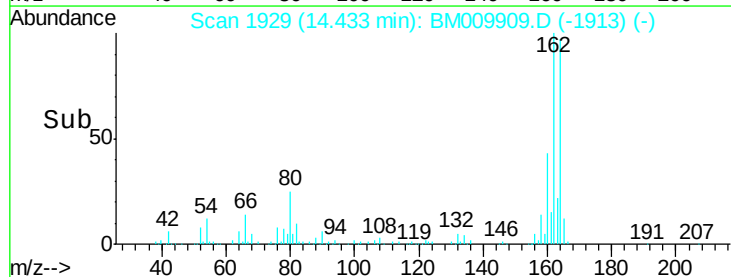
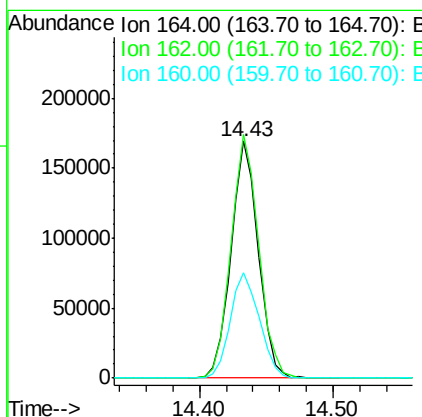
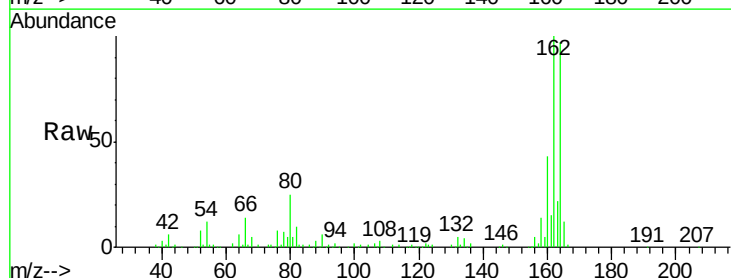
Instrument :
 BNA_M
 ClientSampleId :
 3061-PP1-DUP

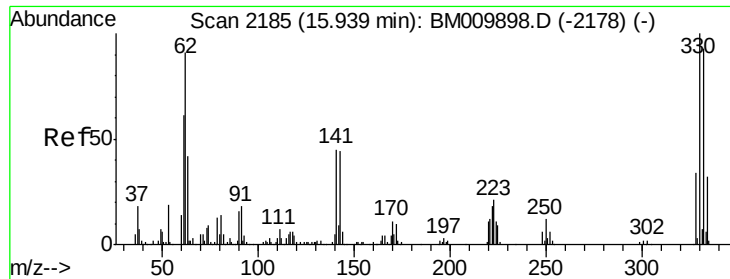
Tgt Ion: 82 Resp: 1144360
 Ion Ratio Lower Upper
 82 100
 128 30.0 32.8 49.2#
 54 59.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BM009909.D
 Acq: 05 May 2017 19:16

Tgt Ion: 164 Resp: 240861
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.4 123.6
 160 44.4 35.8 53.6

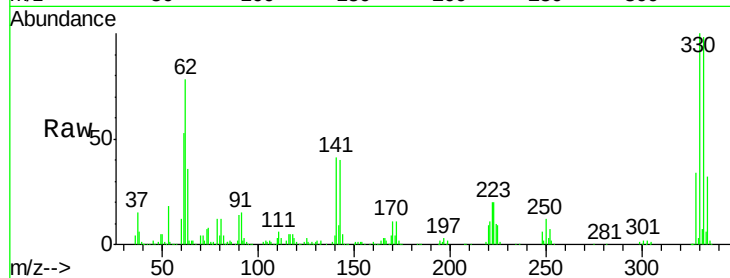




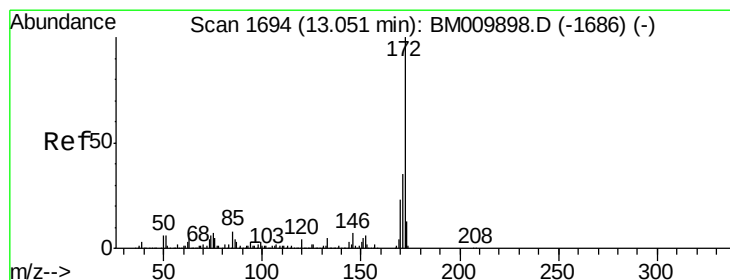
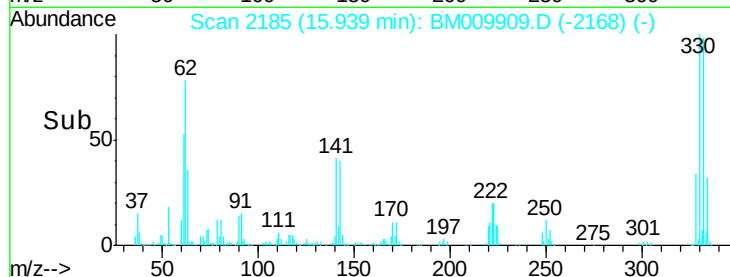
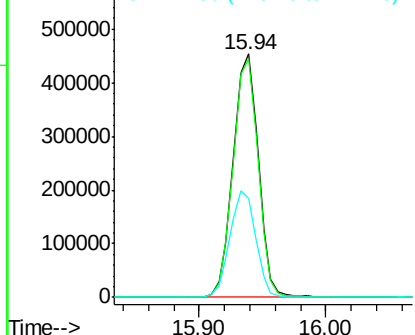
#41
 2,4,6-Tribromophenol
 Concen: 189.86 ng
 RT: 15.94 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BM009909.D
 Acq: 05 May 2017 19:16

Instrument :
 BNA_M
 ClientSampleId :
 3061-PP1-DUP

Tgt Ion:330 Resp: 624567
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 44.6 0.0 0.0#

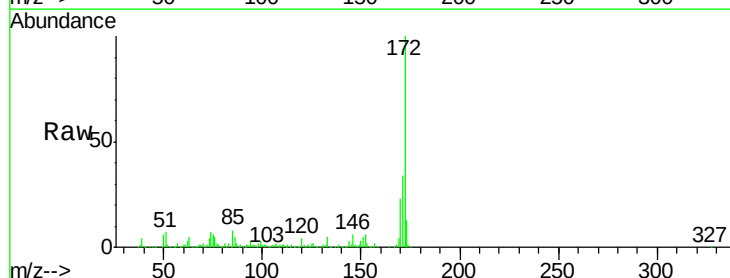


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

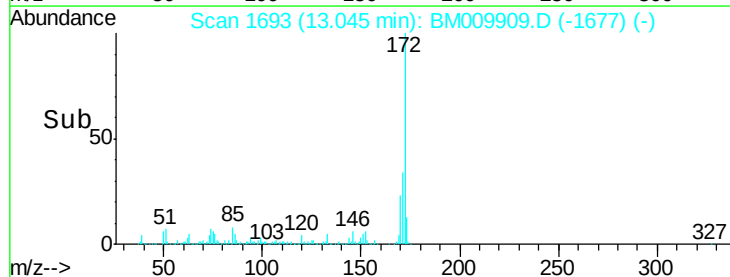
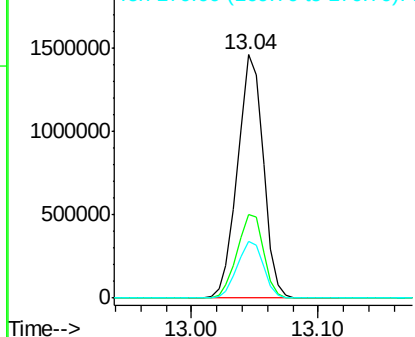


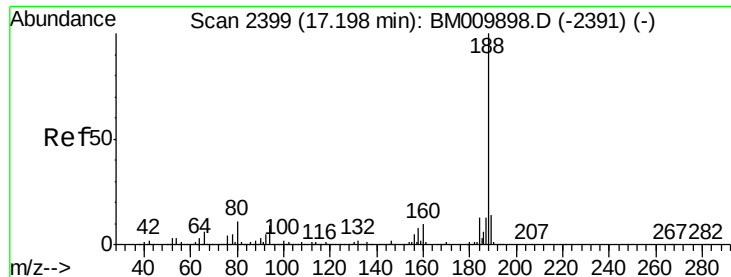
#44
 2-Fluorobiphenyl
 Concen: 110.89 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009909.D
 Acq: 05 May 2017 19:16

Tgt Ion:172 Resp: 2049939
 Ion Ratio Lower Upper
 172 100
 171 34.4 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

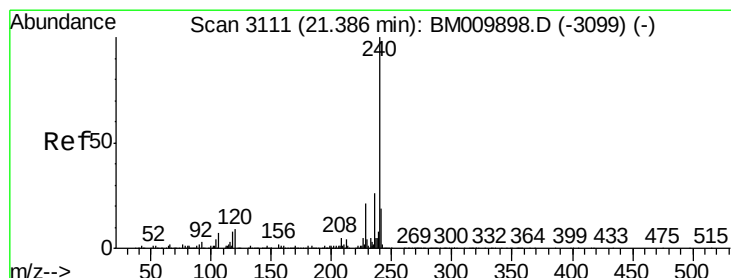
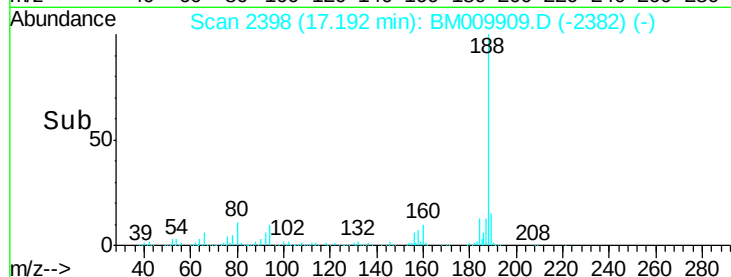
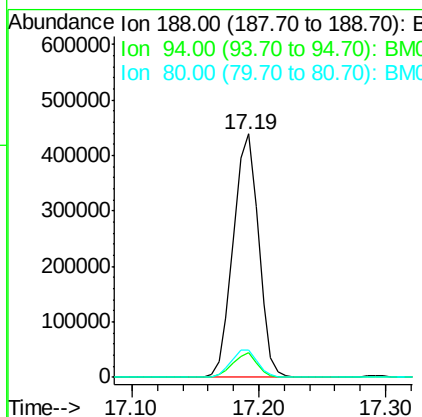
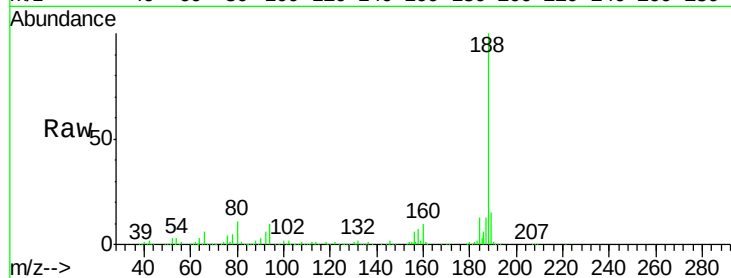




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM009909.D
Acq: 05 May 2017 19:16

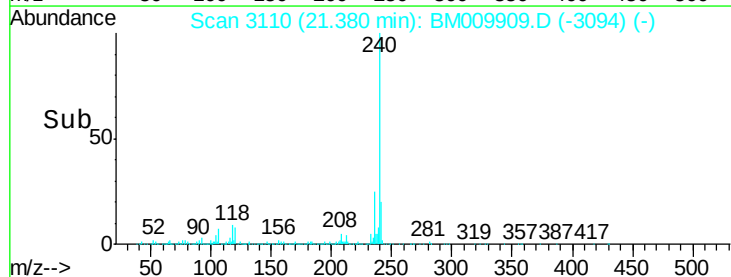
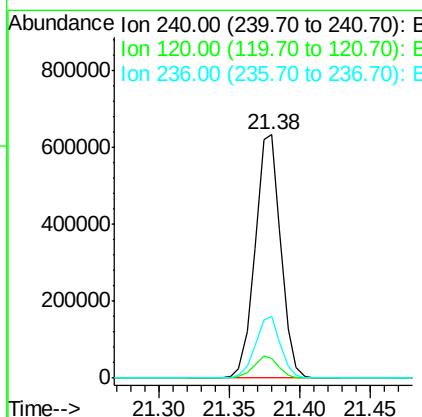
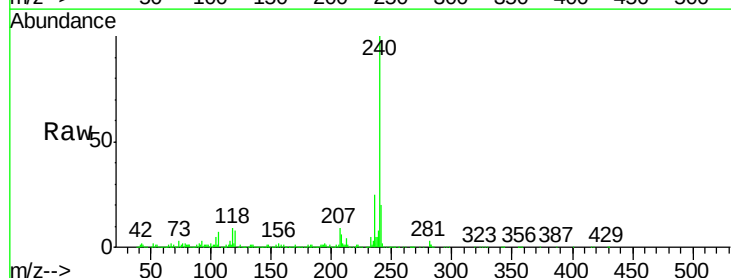
Instrument :
BNA_M
ClientSampleId :
3061-PP1-DUP

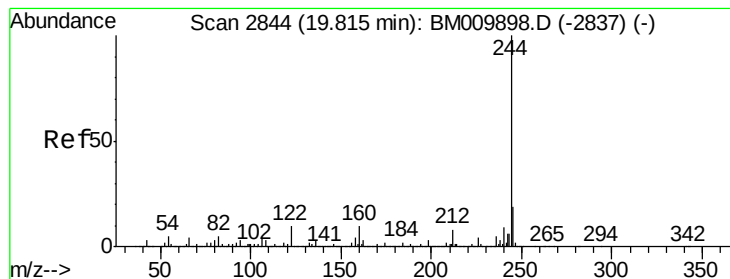
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.7	13.1
80	11.4	9.3	13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.38 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM009909.D
Acq: 05 May 2017 19:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	25.4	20.0	30.0





#78

Terphenyl-d14

Concen: 104.53 ng

RT: 19.82 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BM009909.D

Acq: 05 May 2017 19:16

Instrument :

BNA_M

ClientSampleId :

3061-PP1-DUP

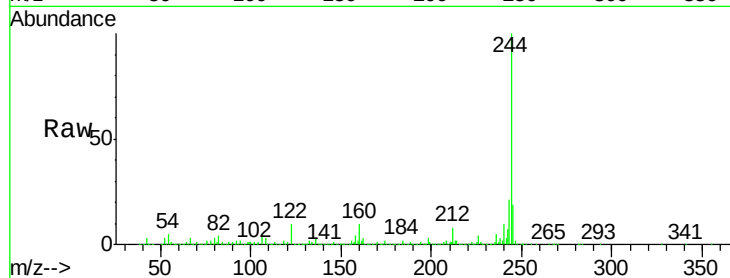
Tgt Ion:244 Resp: 4128520

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

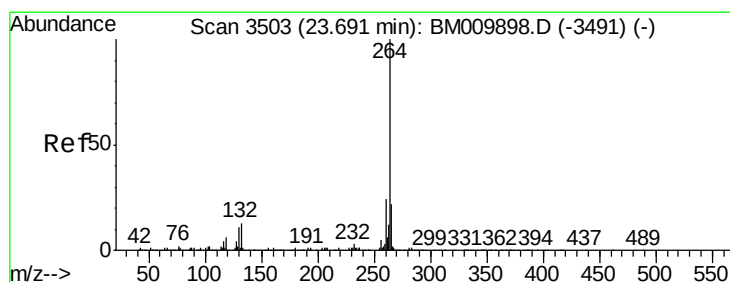
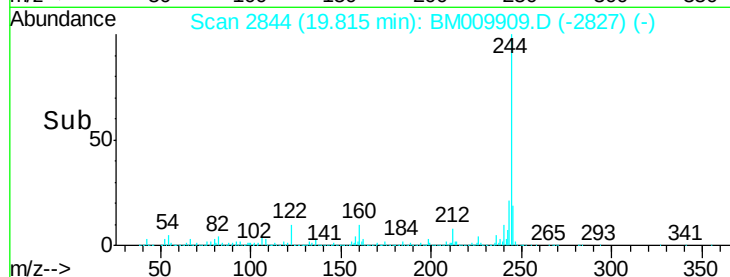
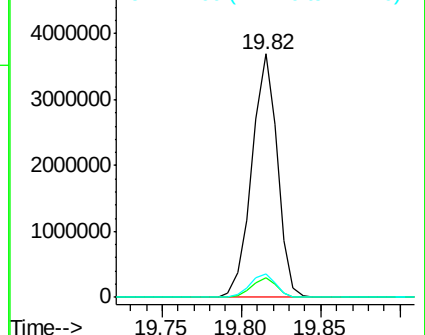
122 9.8 6.2 9.4#



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: 23.69 min Scan# 3502

Delta R.T. -0.01 min

Lab File: BM009909.D

Acq: 05 May 2017 19:16

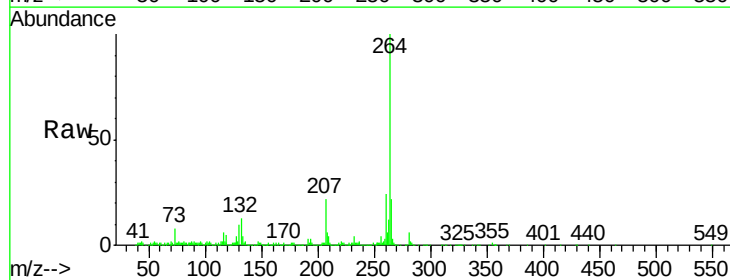
Tgt Ion:264 Resp: 758439

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.3 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

