

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050517\
 Data File : BM009925.D
 Acq On : 06 May 2017 04:54
 Operator : SJ/MA
 Sample : I2893-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 06 07:08:43 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	96504	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	408023	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	239979	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	582951	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	648390	20.00	ng	-0.01
86) Perylene-d12	23.68	264	488332	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	407244	67.18	ng	0.00
7) Phenol-d6	6.96	99	361769	38.93	ng	0.00
23) Nitrobenzene-d5	8.95	82	1150177	102.01	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	545490	166.43	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1964718	106.67	ng	0.00
78) Terphenyl-d14	19.82	244	3438202	108.78	ng	0.00

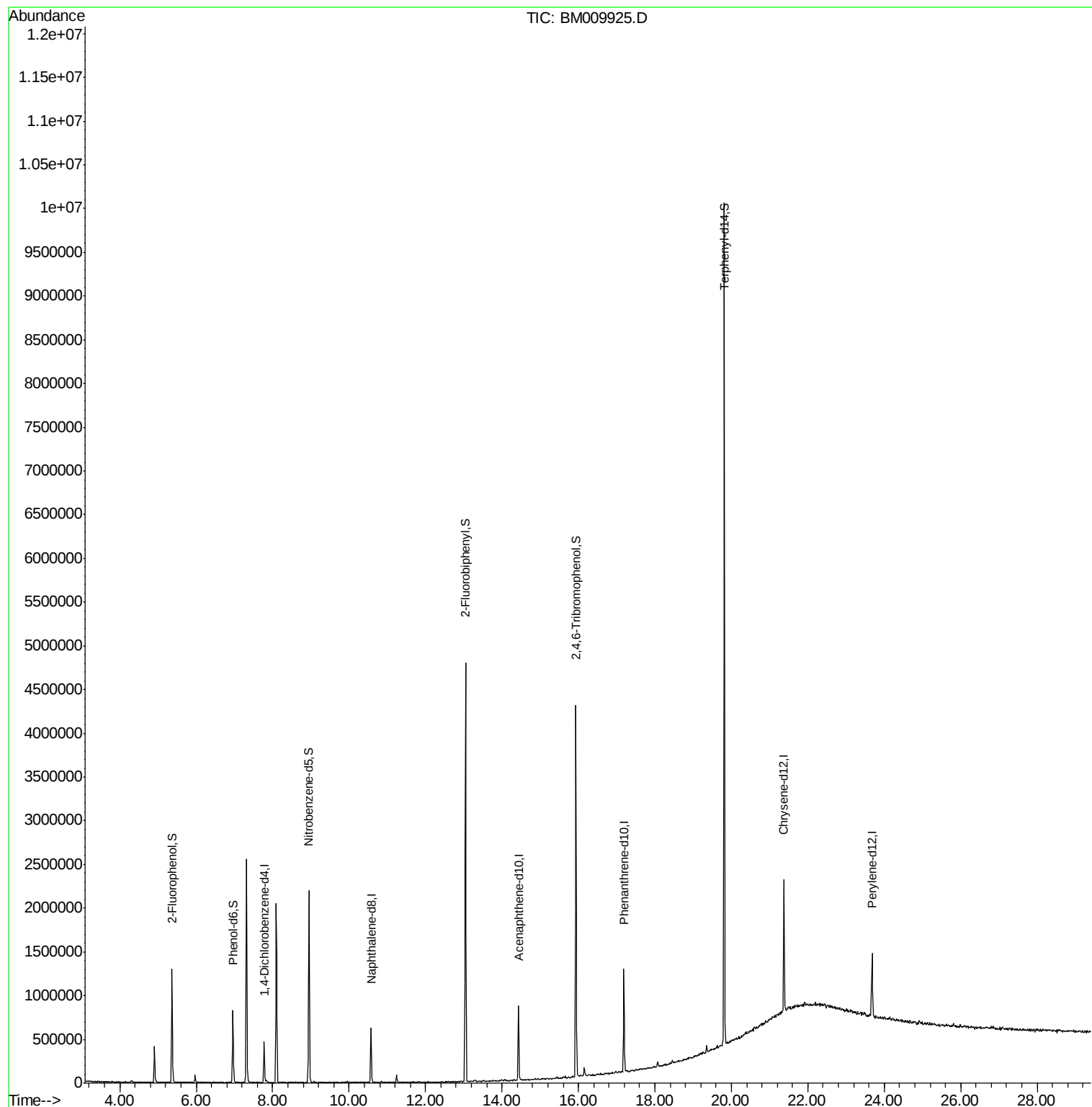
Target Compounds Qvalue

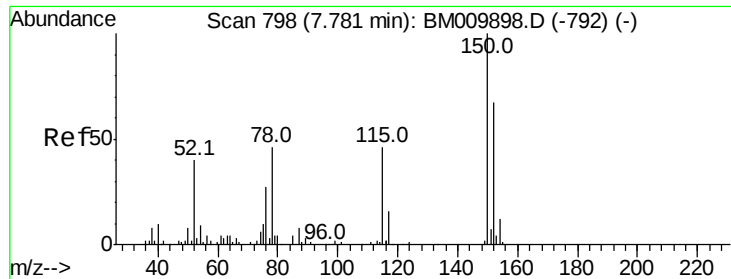
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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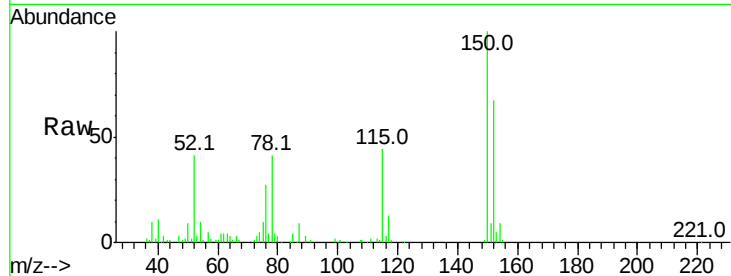


#1

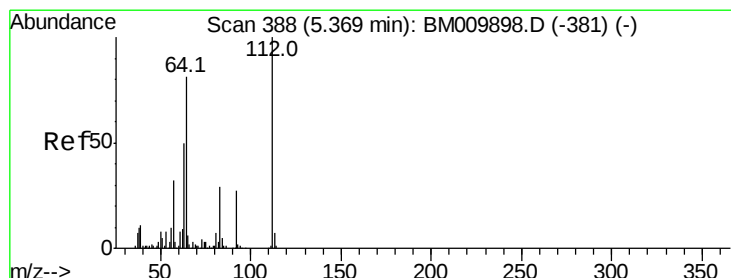
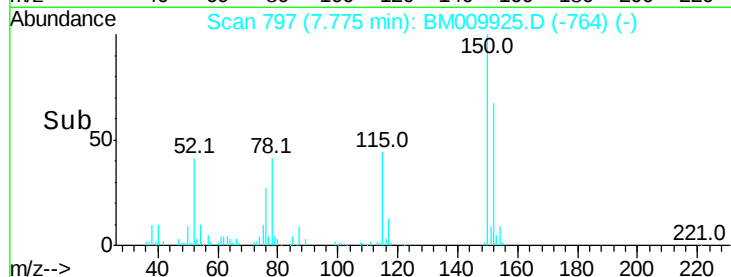
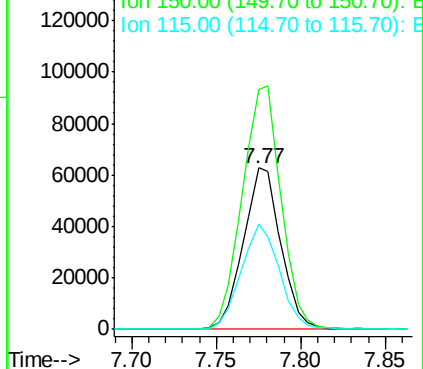
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009925.D
Acq: 06 May 2017 04:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 96504
Ion Ratio Lower Upper
152 100
150 149.1 119.5 179.3
115 65.5 43.0 64.4#



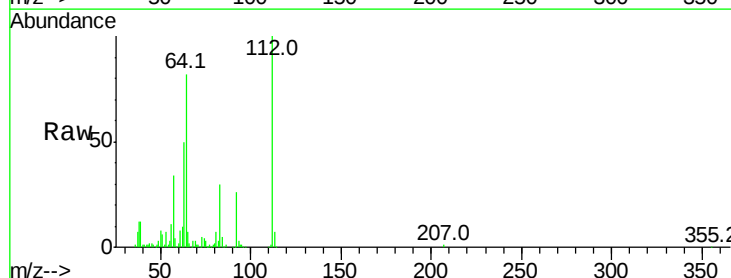
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



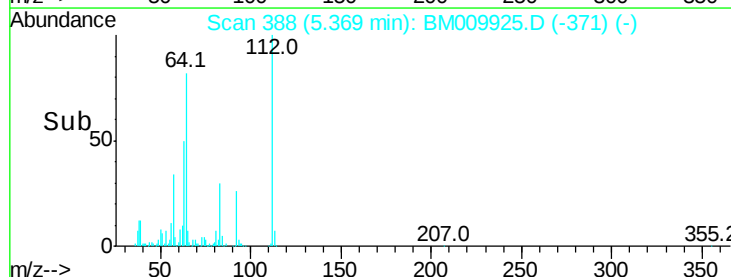
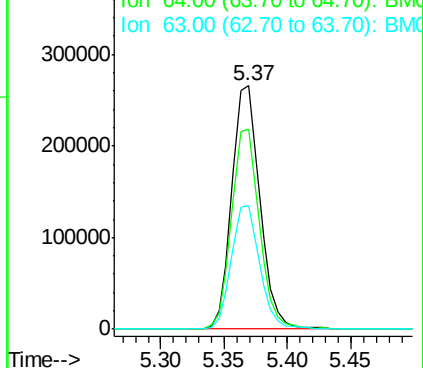
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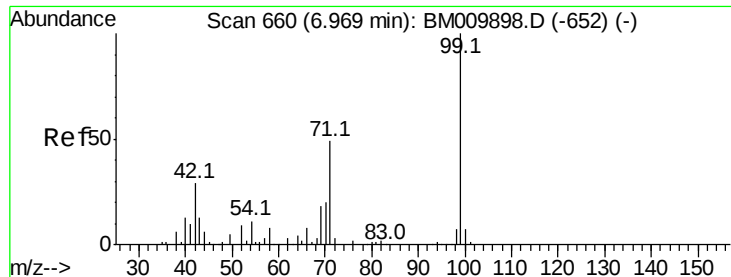
2-Fluorophenol
Concen: 67.18 ng
RT: 5.37 min Scan# 388
Delta R.T. 0.00 min
Lab File: BM009925.D
Acq: 06 May 2017 04:54

Tgt Ion:112 Resp: 407244
Ion Ratio Lower Upper
112 100
64 82.0 38.6 57.8#
63 50.5 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: 38.93 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009925.D

Acq: 06 May 2017 04:54

Instrument :

BNA_M

ClientSampleId :

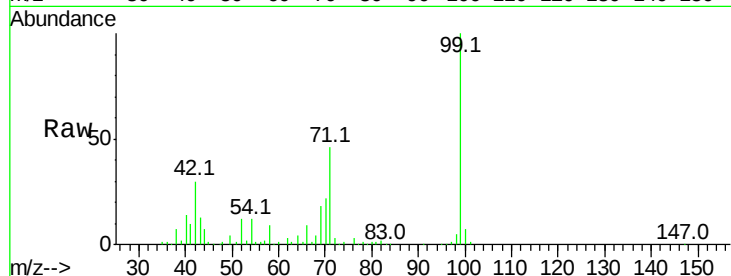
Tot Ion: 99 Resp: 361769

Ion Ratio Lower Upper

99 100

42 29.9 11.0 16.4#

71 45.9 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

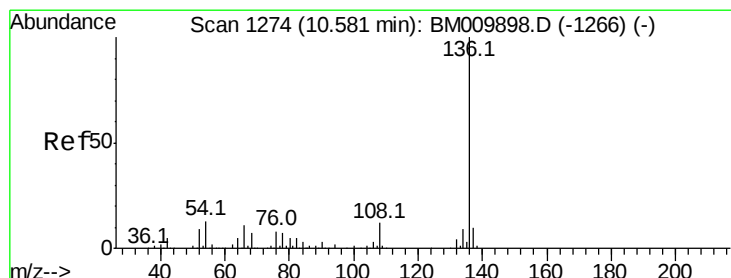
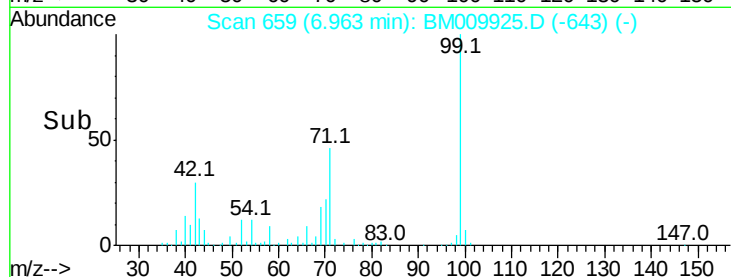
100000

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: BM009925.D

Acq: 06 May 2017 04:54

Tgt Ion: 136 Resp: 408023

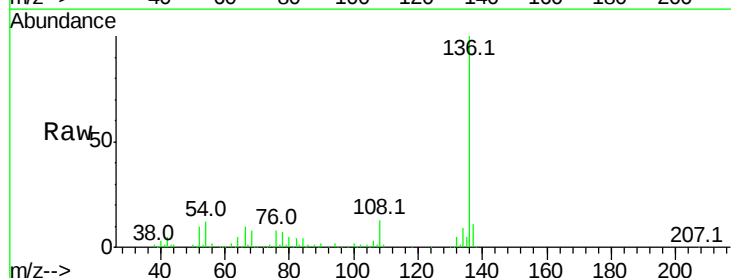
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.8 4.6 6.8#

68 8.2 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

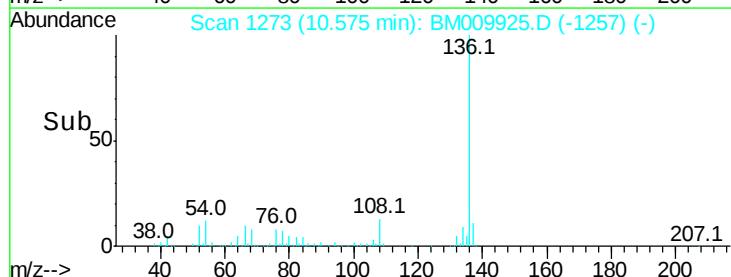
200000

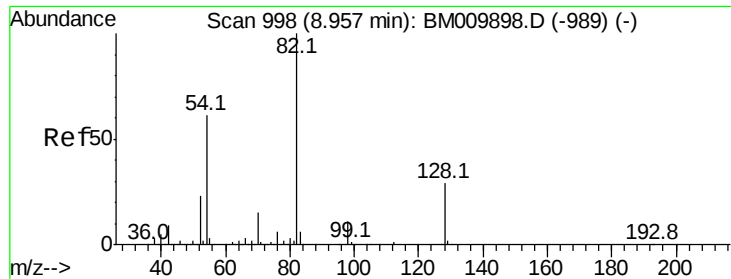
100000

0

10.50 10.55 10.60

Time-->



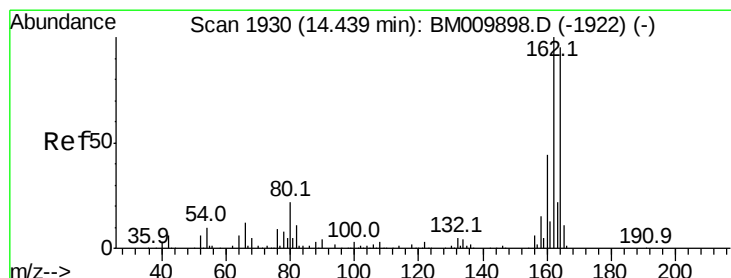
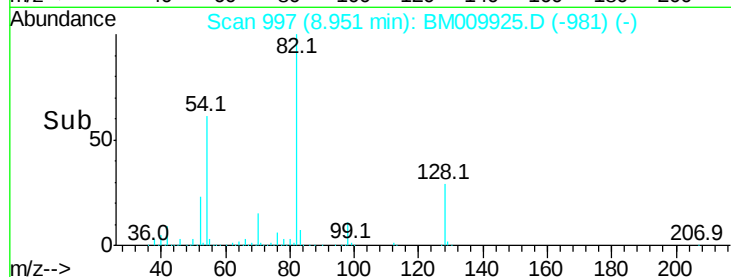
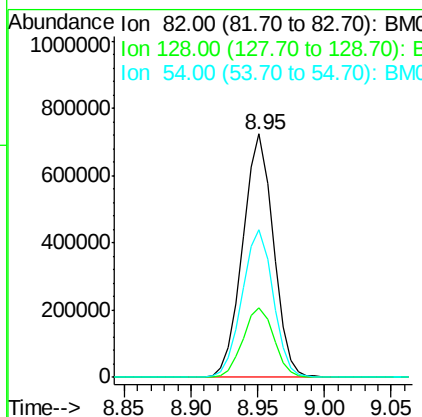
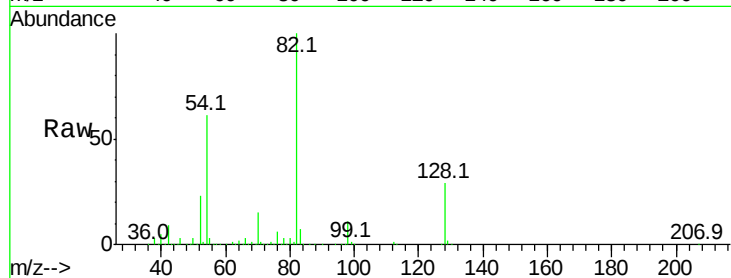


#23
 Nitrobenzene-d5
 Concen: 102.01 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009925.D
 Acq: 06 May 2017 04:54

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1150177

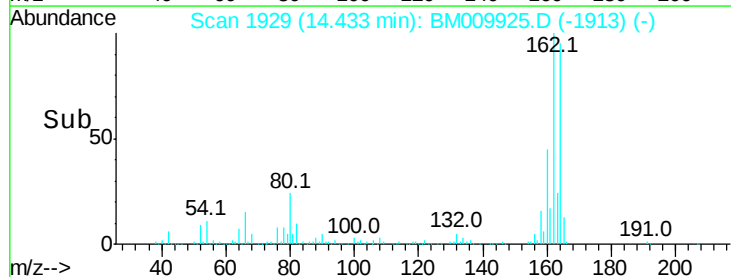
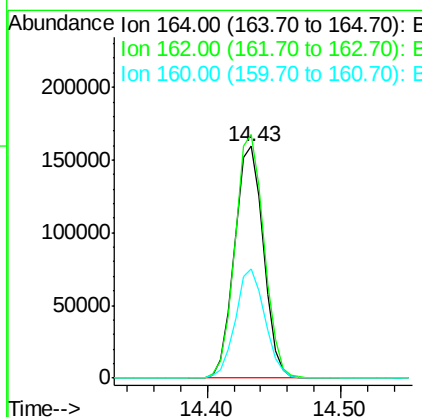
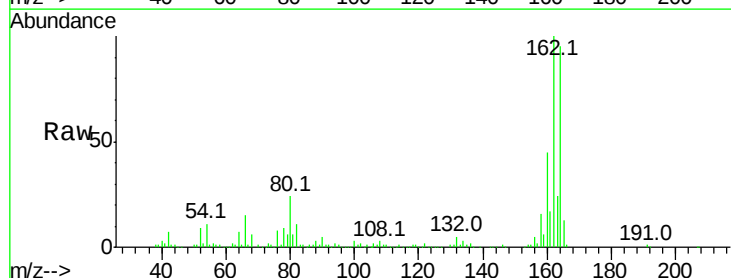
Ion	Ratio	Lower	Upper
82	100		
128	28.7	32.8	49.2#
54	60.9	40.6	60.8#

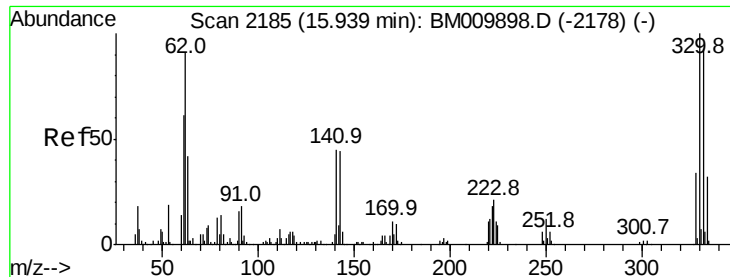


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BM009925.D
 Acq: 06 May 2017 04:54

Tgt Ion: 164 Resp: 239979

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.4	123.6
160	47.0	35.8	53.6

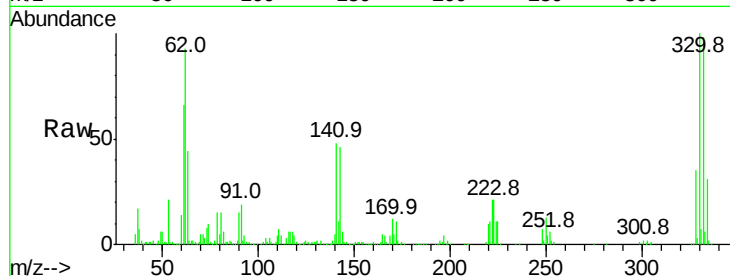




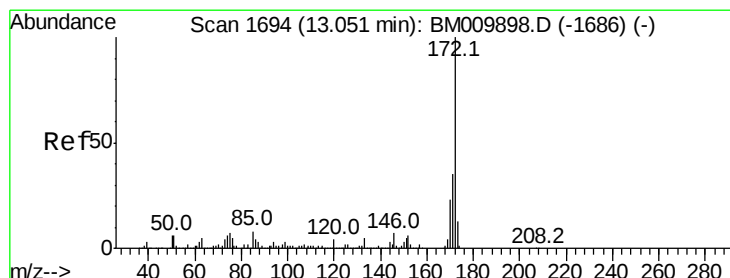
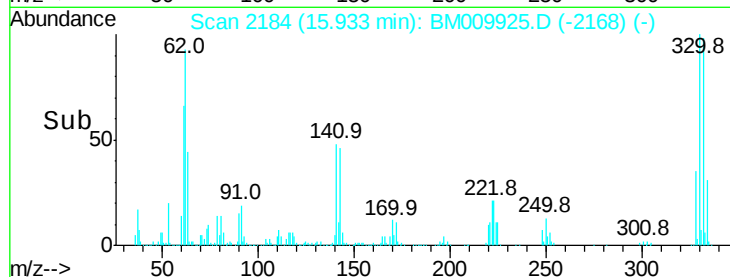
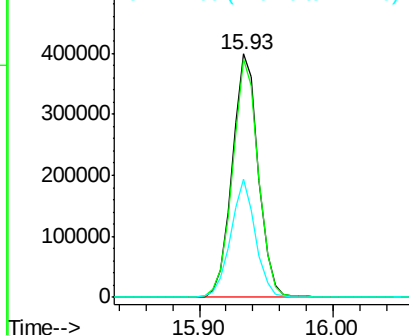
#41
 2,4,6-Tribromophenol
 Concen: 166.43 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009925.D
 Acq: 06 May 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 545490
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 45.8 0.0 0.0#

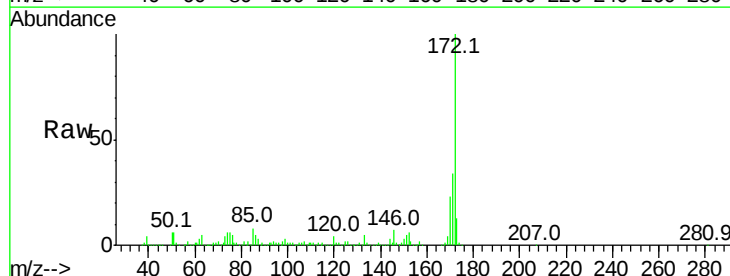


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

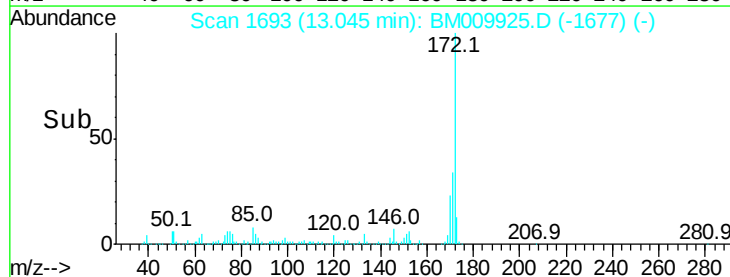
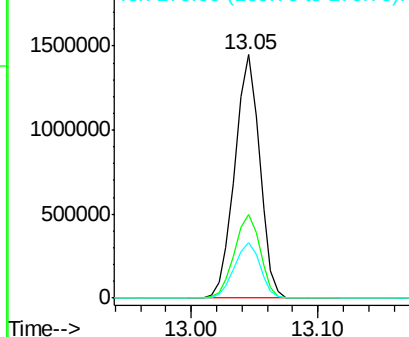


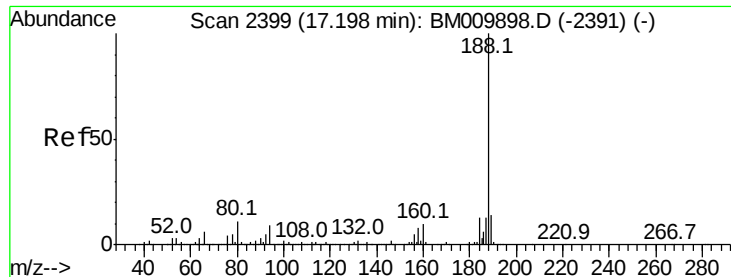
#44
 2-Fluorobiphenyl
 Concen: 106.67 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009925.D
 Acq: 06 May 2017 04:54

Tgt Ion:172 Resp: 1964718
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.5 42.7
 170 22.9 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

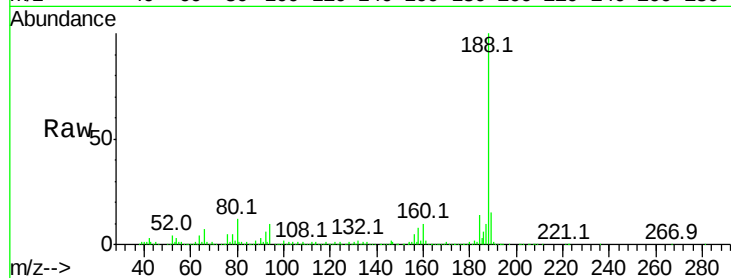




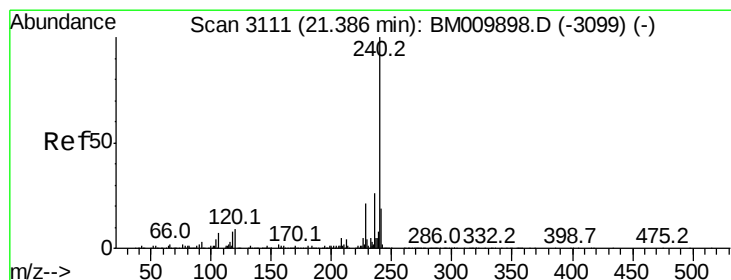
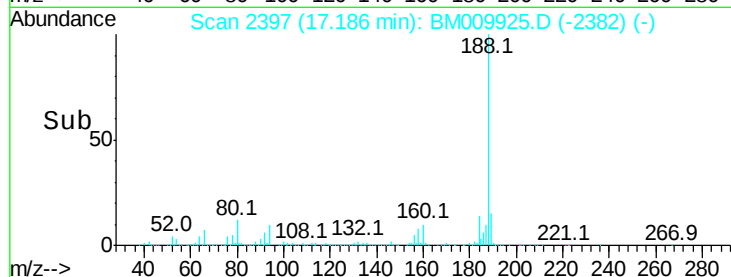
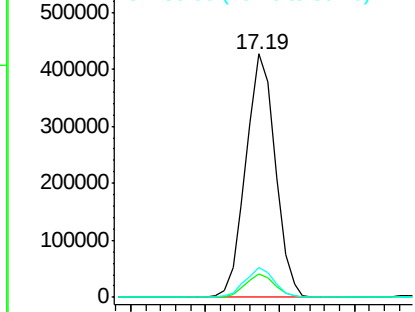
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009925.D
Acq: 06 May 2017 04:54

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 582951
Ion Ratio Lower Upper
188 100
94 9.8 8.7 13.1
80 12.1 9.3 13.9

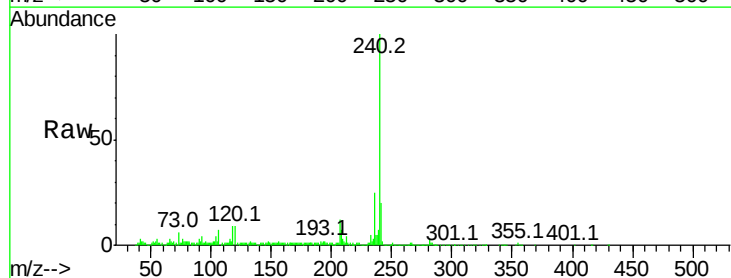


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

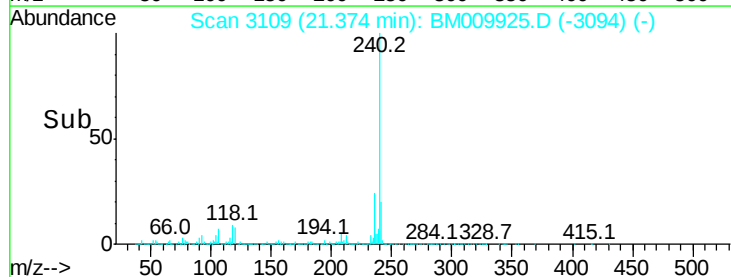
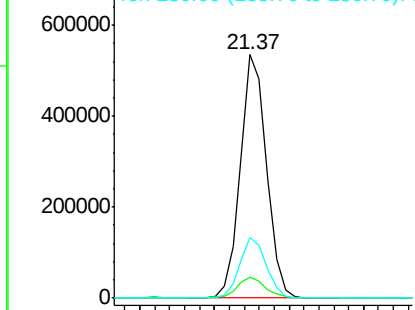


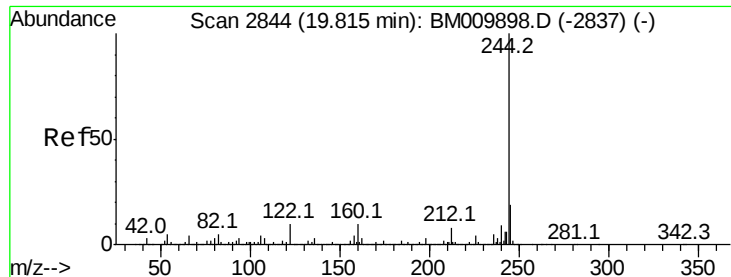
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM009925.D
Acq: 06 May 2017 04:54

Tgt Ion:240 Resp: 648390
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.2
236 24.7 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

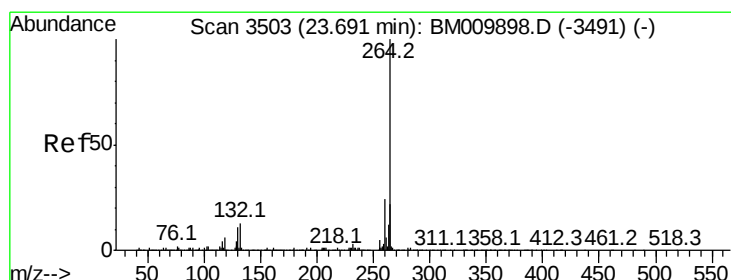
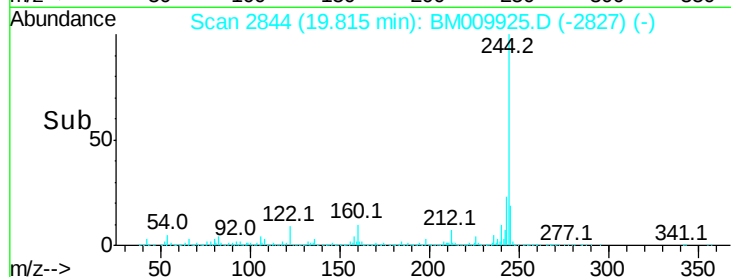
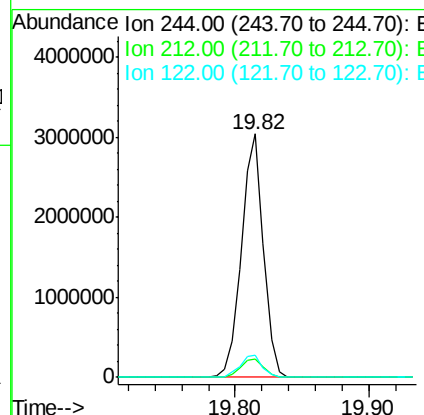
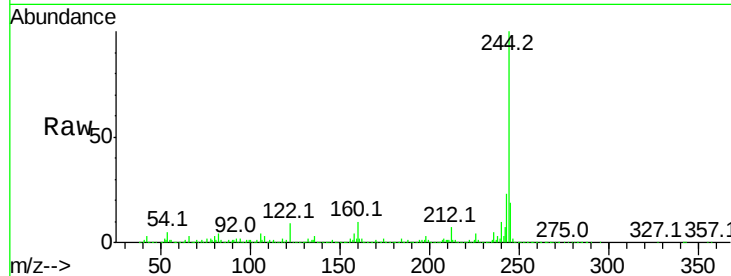




#78
 Terphenyl-d14
 Concen: 108.78 ng
 RT: 19.82 min Scan# 2844
 Delta R.T. 0.00 min
 Lab File: BM009925.D
 Acq: 06 May 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 3438202
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.9 7.3#
 122 8.9 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: BM009925.D
 Acq: 06 May 2017 04:54

Tgt Ion:264 Resp: 488332
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 21.5 17.3 25.9

