

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
 Data File : BM009937.D
 Acq On : 06 May 2017 12:26
 Operator : SJ/MA
 Sample : I2893-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3071-PA2

Quant Time: May 08 13:44:20 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	99110	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	405634	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	242612	20.00	ng	-0.01
63) Phenanthrene-d10	17.19	188	567645	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	610423	20.00	ng	-0.01
86) Perylene-d12	23.68	264	448451	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	449672	72.23	ng	0.00
7) Phenol-d6	6.96	99	392871	41.17	ng	0.00
23) Nitrobenzene-d5	8.95	82	1260798	112.48	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	574750	173.46	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	2139833	114.92	ng	0.00
78) Terphenyl-d14	19.82	244	3572451	120.06	ng	0.00

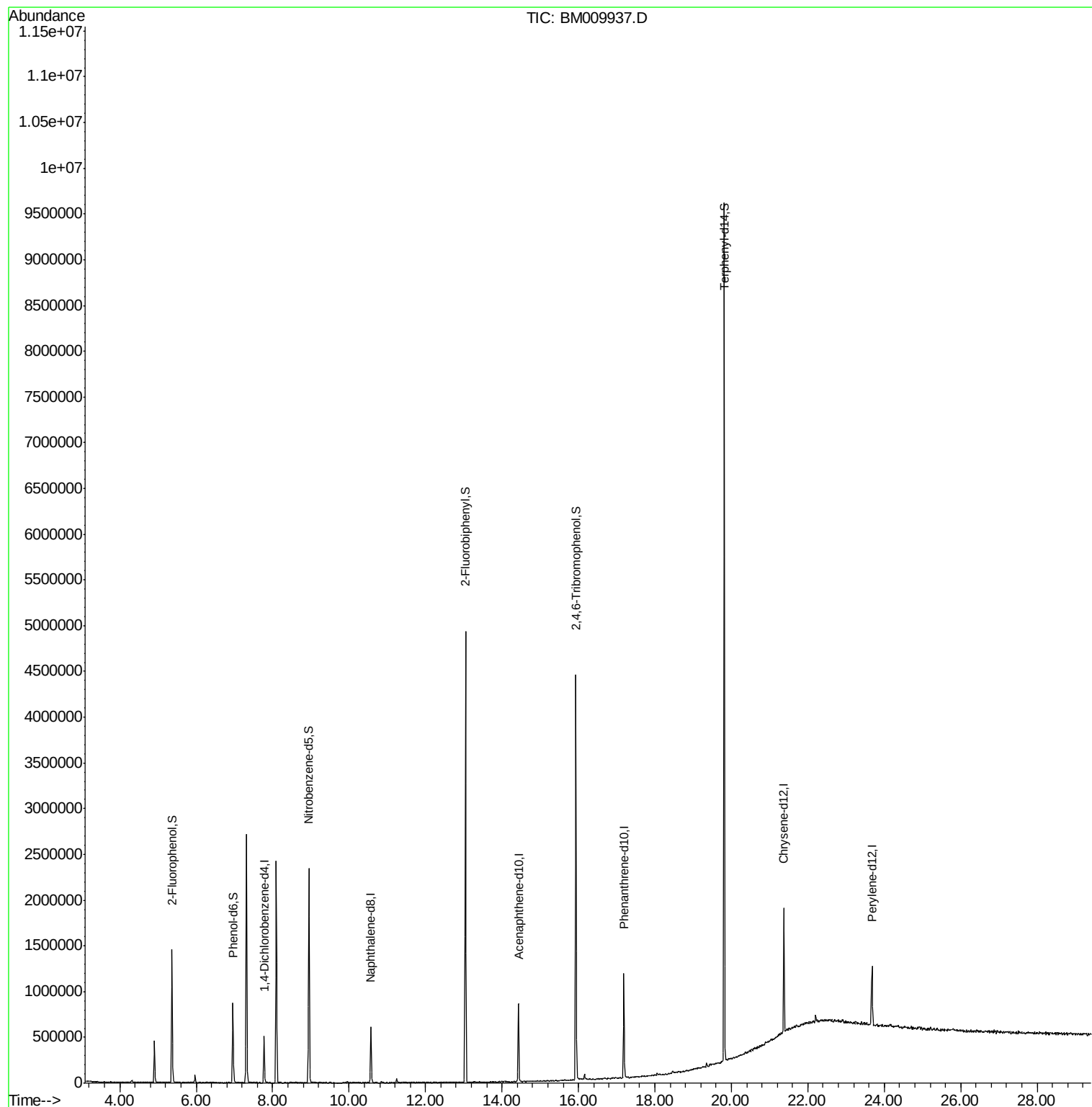
Target Compounds	Qvalue
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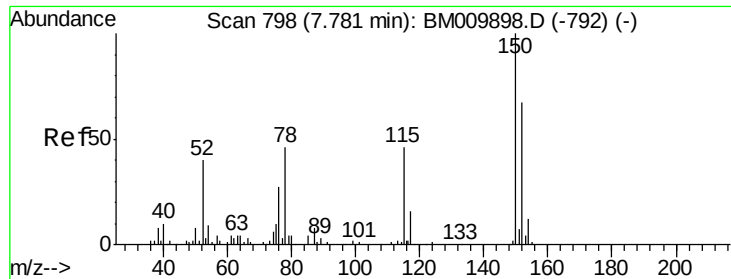
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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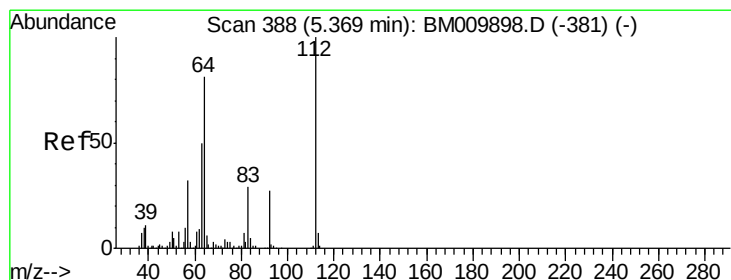
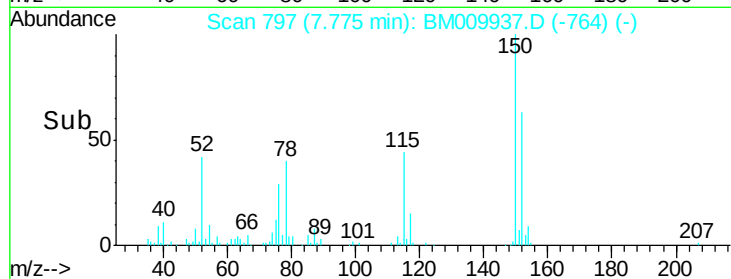
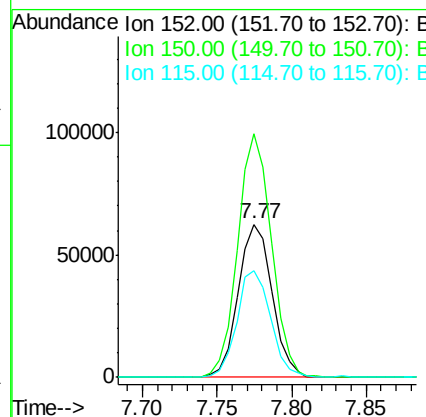
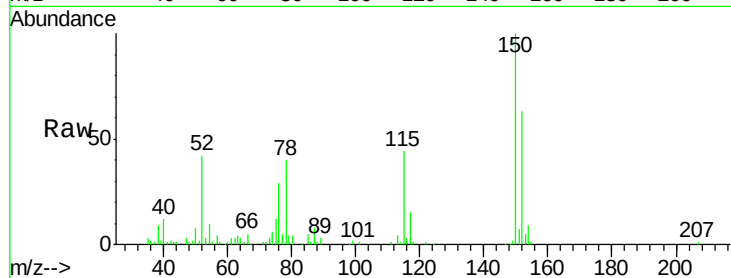


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009937.D
Acq: 06 May 2017 12:26

Instrument :
BNA_M
ClientSampled :
3071-PA2

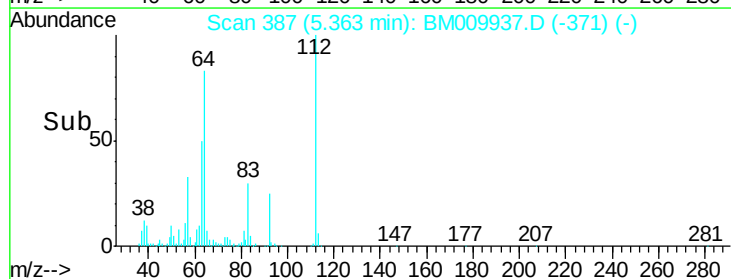
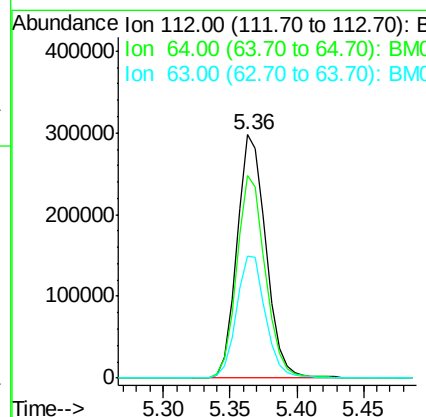
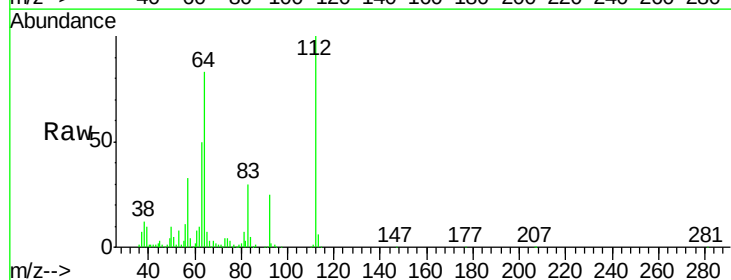
Tgt Ion:152 Resp: 99110
Ion Ratio Lower Upper
152 100
150 159.4 119.5 179.3
115 69.4 43.0 64.4#

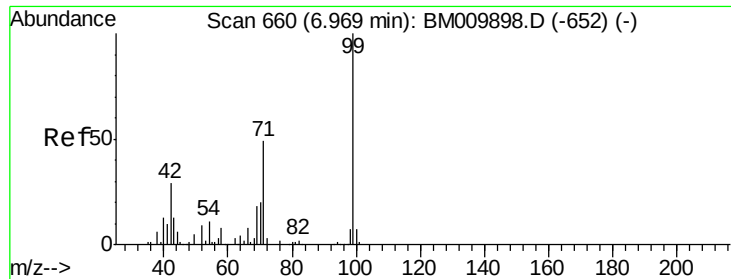


#5

2-Fluorophenol
Concen: 72.23 ng
RT: 5.36 min Scan# 387
Delta R.T. -0.01 min
Lab File: BM009937.D
Acq: 06 May 2017 12:26

Tgt Ion:112 Resp: 449672
Ion Ratio Lower Upper
112 100
64 83.2 38.6 57.8#
63 50.0 19.3 28.9#





#7

Phenol-d6

Concen: 41.17 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009937.D

Acq: 06 May 2017 12:26

Instrument :

BNA_M

ClientSampleId :

3071-PA2

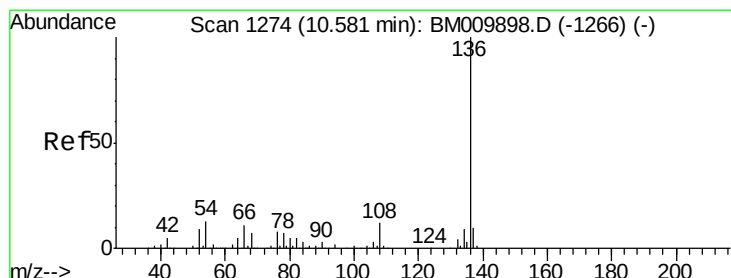
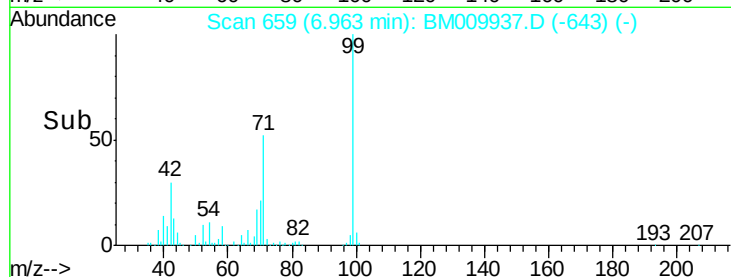
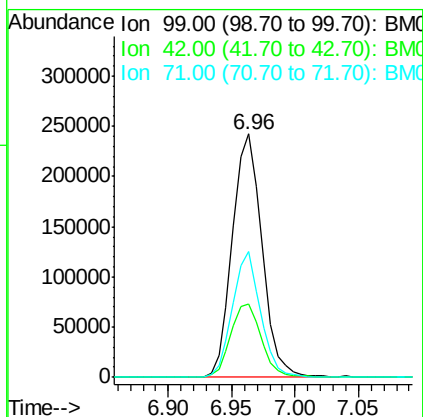
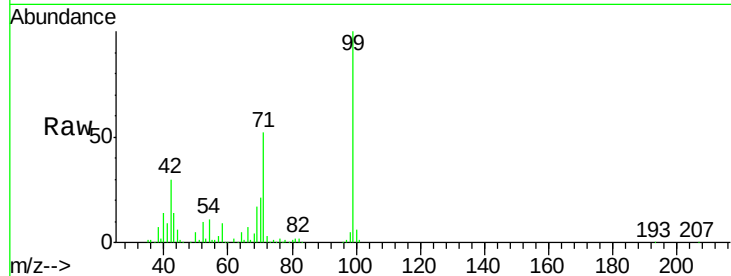
Tgt Ion: 99 Resp: 392871

Ion Ratio Lower Upper

99 100

42 30.0 11.0 16.4#

71 51.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM009937.D

Acq: 06 May 2017 12:26

Tgt Ion: 136 Resp: 405634

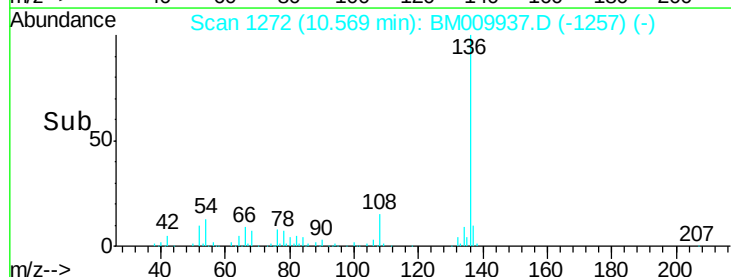
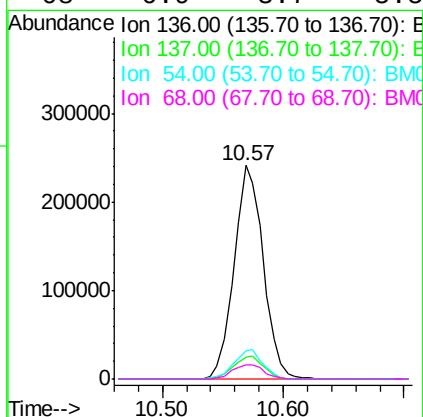
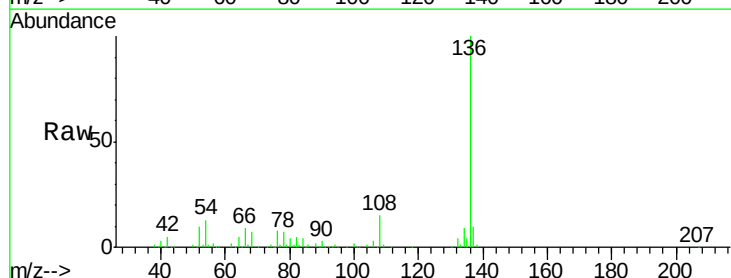
Ion Ratio Lower Upper

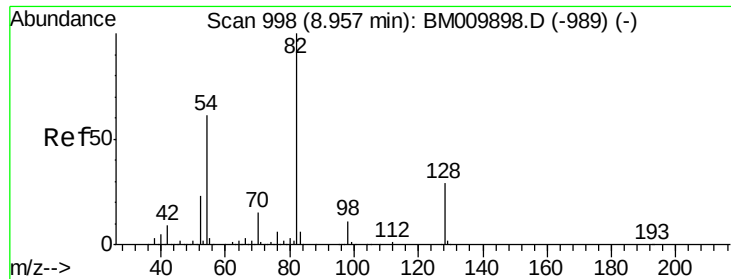
136 100

137 10.1 8.7 13.1

54 13.4 4.6 6.8#

68 6.9 3.7 5.5#

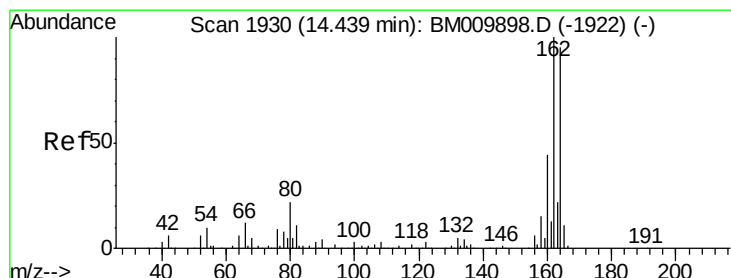
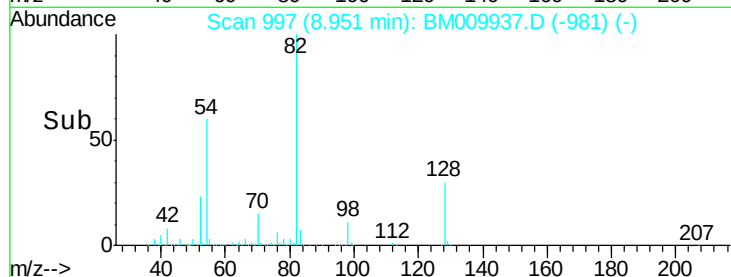
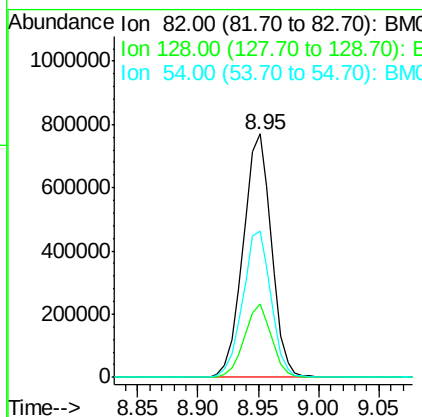
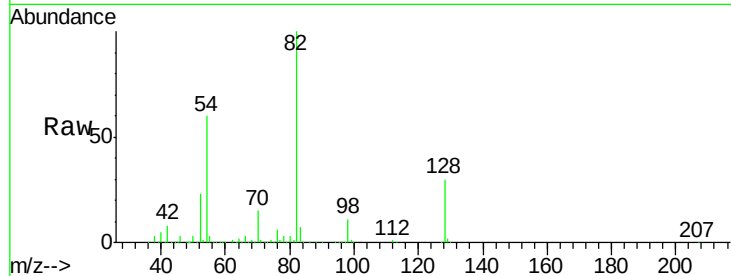




#23
 Nitrobenzene-d5
 Concen: 112.48 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009937.D
 Acq: 06 May 2017 12:26

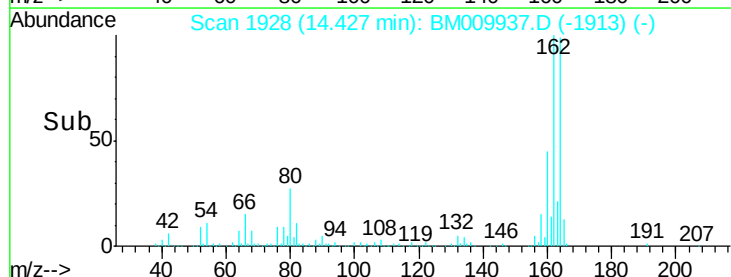
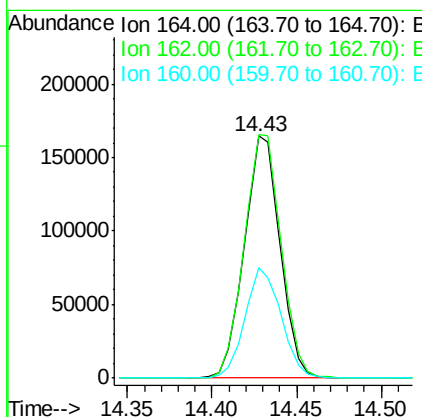
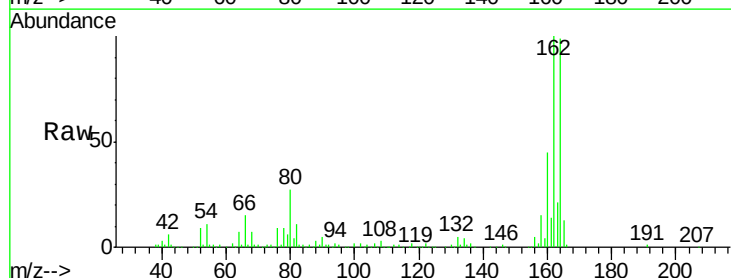
Instrument :
 BNA_M
 ClientSampleId :
 3071-PA2

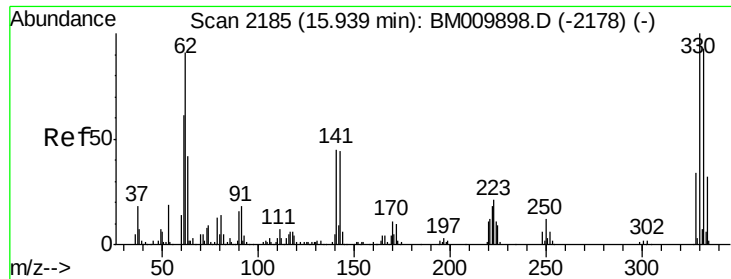
Tgt Ion: 82 Resp: 1260798
 Ion Ratio Lower Upper
 82 100
 128 30.0 32.8 49.2#
 54 60.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM009937.D
 Acq: 06 May 2017 12:26

Tgt Ion: 164 Resp: 242612
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.4 123.6
 160 45.7 35.8 53.6

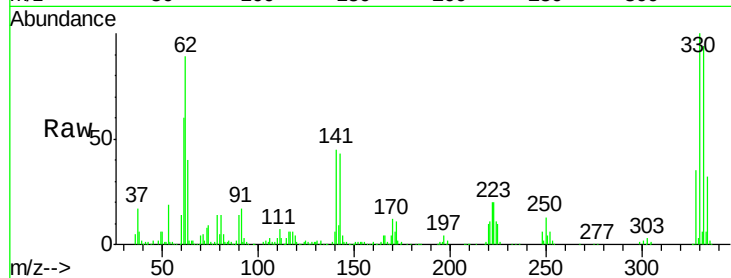




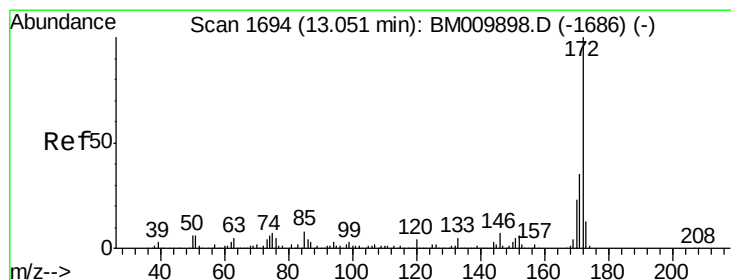
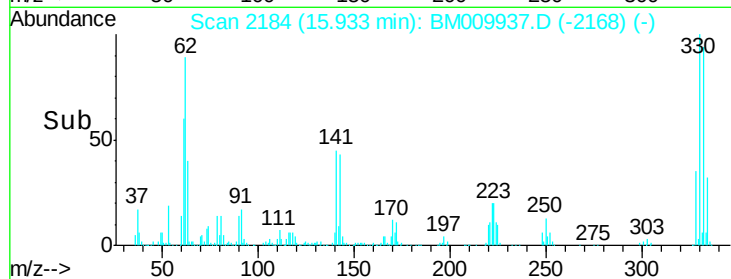
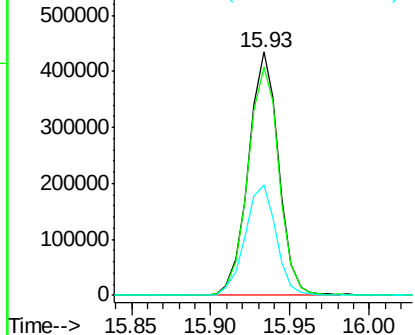
#41
 2,4,6-Tribromophenol
 Concen: 173.46 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009937.D
 Acq: 06 May 2017 12:26

Instrument :
 BNA_M
 ClientSampleId :
 3071-PA2

Tgt Ion:330 Resp: 574750
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 46.5 0.0 0.0#

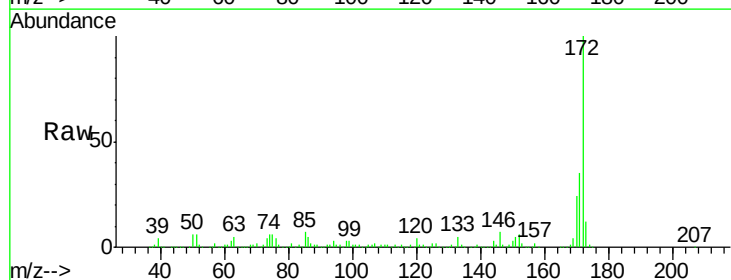


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

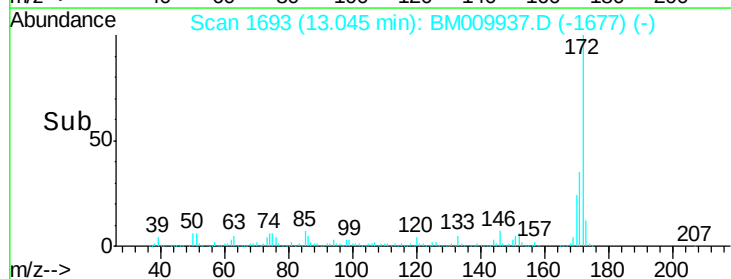
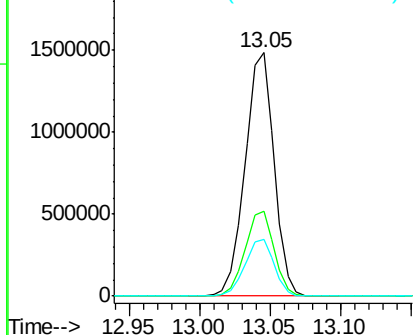


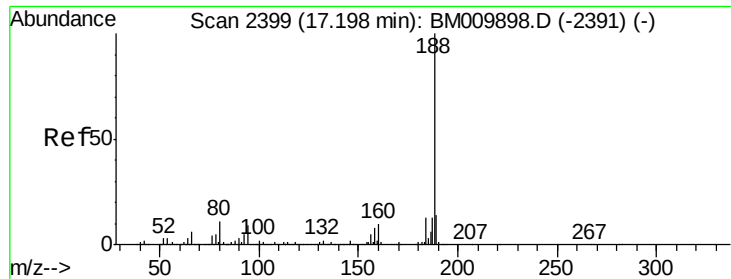
#44
 2-Fluorobiphenyl
 Concen: 114.92 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009937.D
 Acq: 06 May 2017 12:26

Tgt Ion:172 Resp: 2139833
 Ion Ratio Lower Upper
 172 100
 171 34.9 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

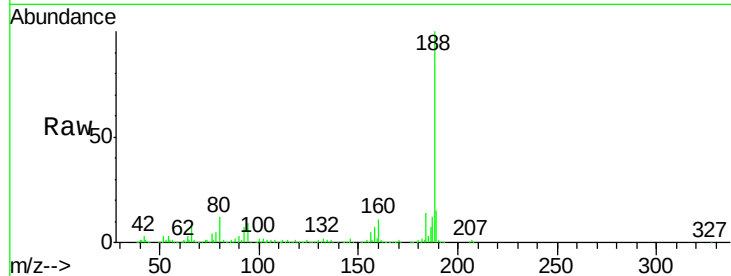




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009937.D
Acq: 06 May 2017 12:26

Instrument :
BNA_M
ClientSampleId :
3071-PA2

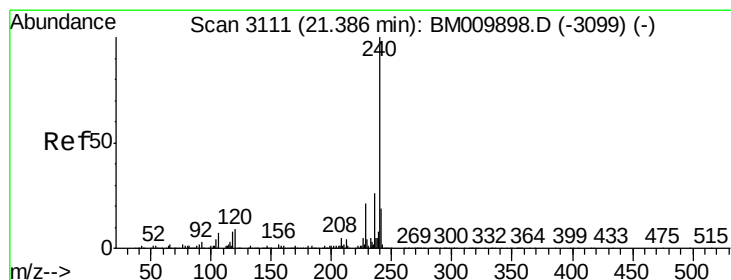
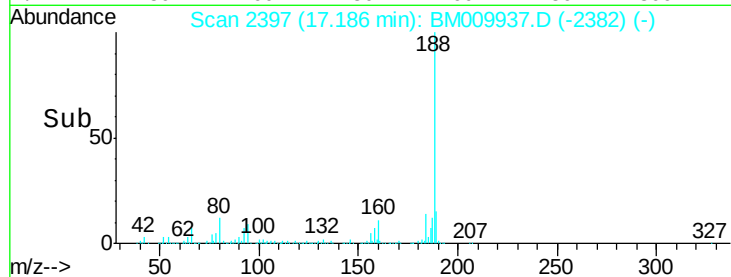
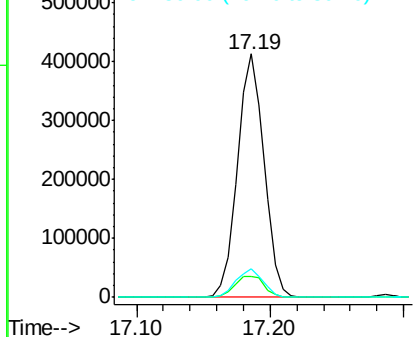
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.7	13.1#
80	11.5	9.3	13.9



Abundance Ion 188.00 (187.70 to 188.70): E

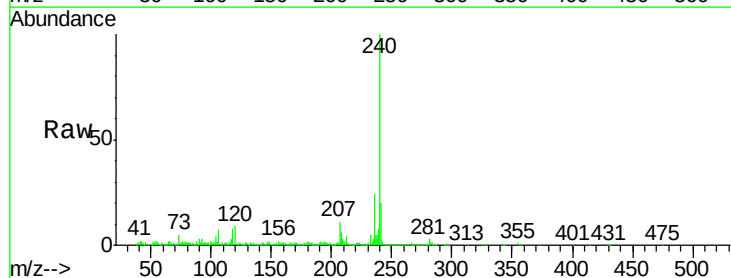
Ion 94.00 (93.70 to 94.70): BM

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: BM009937.D
Acq: 06 May 2017 12:26

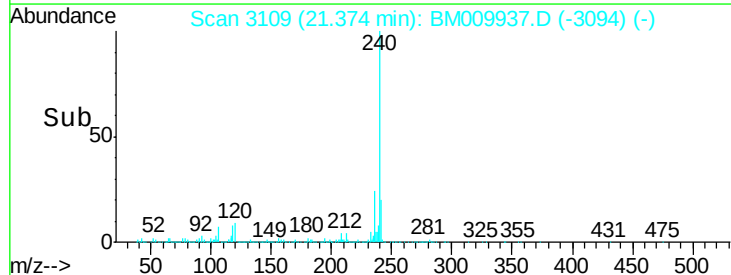
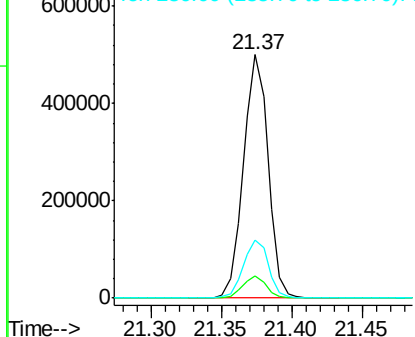
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.2	12.2
236	23.9	20.0	30.0

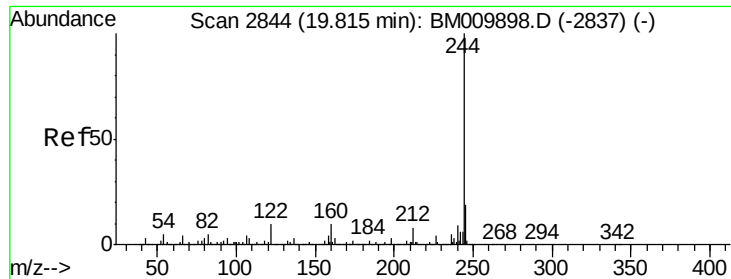


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 120.06 ng

RT: 19.82 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BM009937.D

Acq: 06 May 2017 12:26

Instrument :

BNA_M

ClientSampleId :

3071-PA2

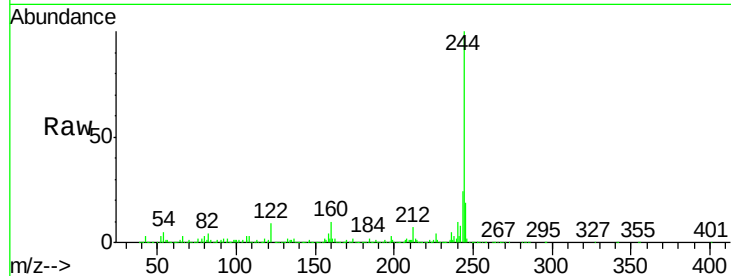
Tgt Ion:244 Resp: 3572451

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

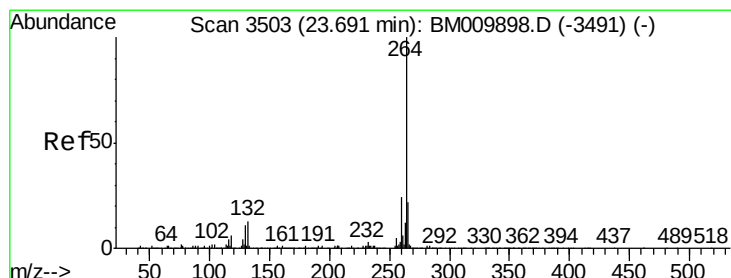
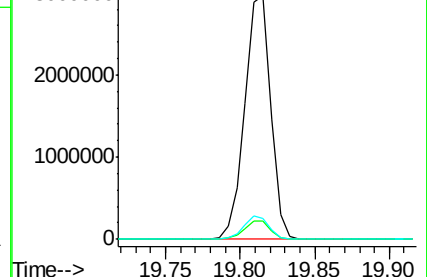
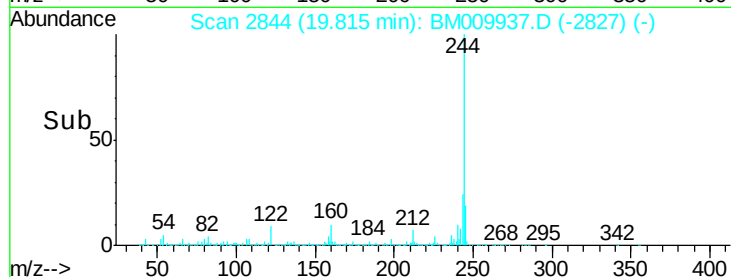
122 8.6 6.2 9.4



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: BM009937.D

Acq: 06 May 2017 12:26

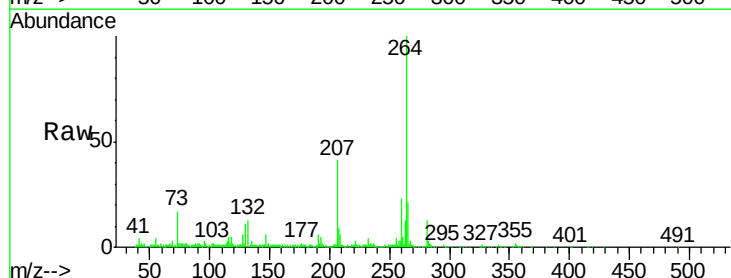
Tgt Ion:264 Resp: 448451

Ion Ratio Lower Upper

264 100

260 22.8 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

