

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050517\
 Data File : BM009905.D
 Acq On : 05 May 2017 16:47
 Operator : SJ/MA
 Sample : PB98666BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 06 00:18:04 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	66114	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	264613	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	166319	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	444416	20.00	ng	0.00
75) Chrysene-d12	21.38	240	651506	20.00	ng	0.00
86) Perylene-d12	23.68	264	681421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	444250	106.98	ng	0.00
7) Phenol-d6	6.96	99	633350	99.50	ng	0.00
23) Nitrobenzene-d5	8.95	82	679048	92.87	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	244106	107.46	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1190733	93.28	ng	0.00
78) Terphenyl-d14	19.82	244	2687299	84.62	ng	0.00

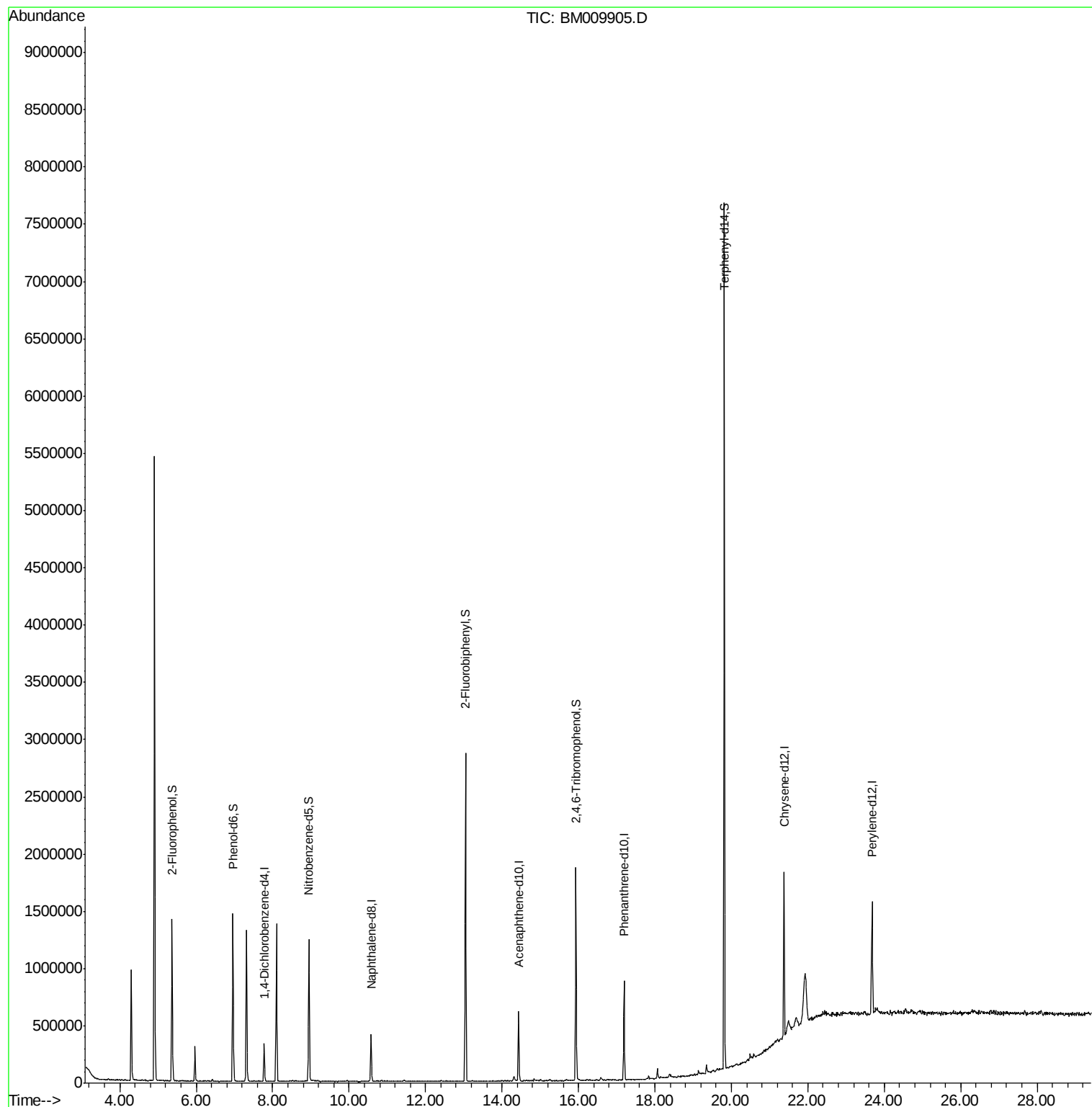
Target Compounds Qvalue

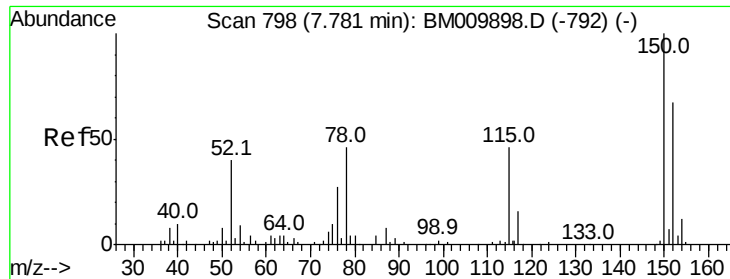
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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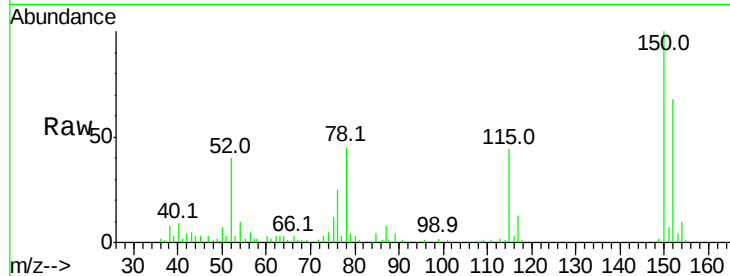


#1

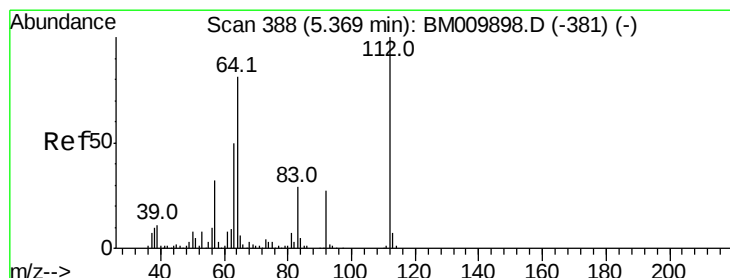
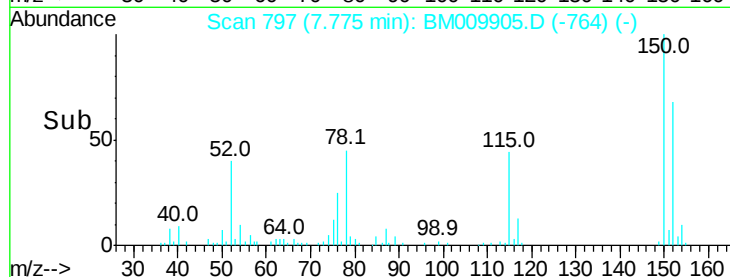
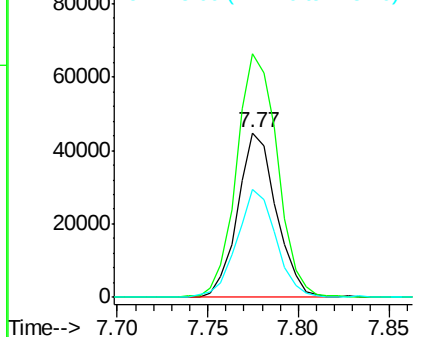
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM009905.D
Acq: 05 May 2017 16:47

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 66114
Ion Ratio Lower Upper
152 100
150 148.1 119.5 179.3
115 65.7 43.0 64.4#



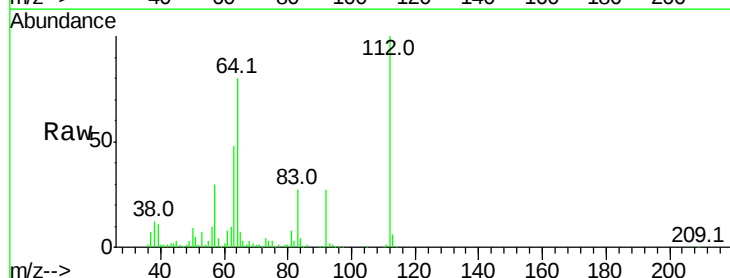
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



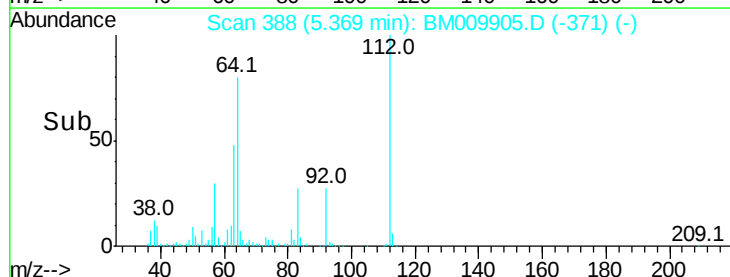
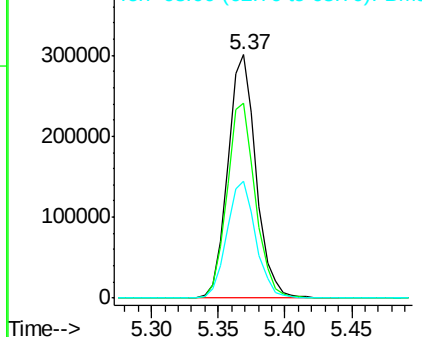
#5

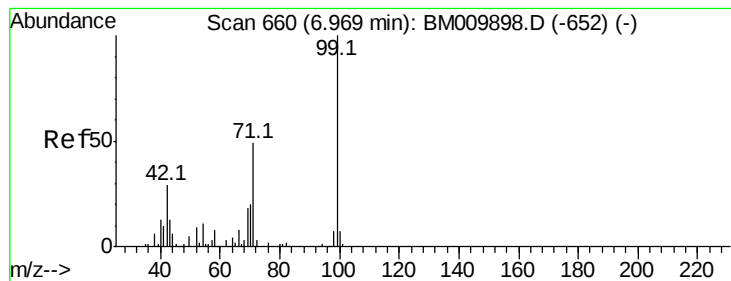
2-Fluorophenol
Concen: 106.98 ng
RT: 5.37 min Scan# 388
Delta R.T. 0.00 min
Lab File: BM009905.D
Acq: 05 May 2017 16:47

Tgt Ion:112 Resp: 444250
Ion Ratio Lower Upper
112 100
64 80.3 38.6 57.8#
63 48.1 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: 99.50 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009905.D

Acq: 05 May 2017 16:47

Instrument :

BNA_M

ClientSampleId :

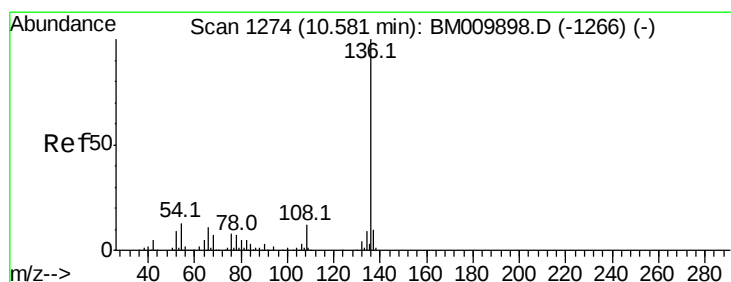
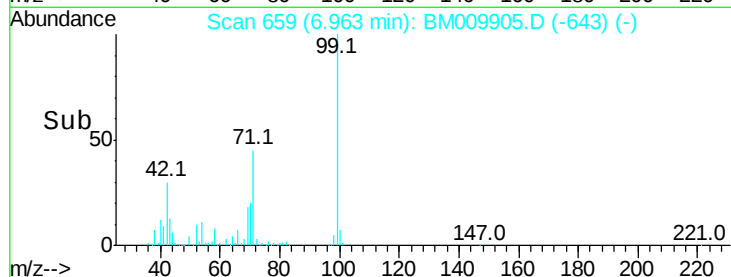
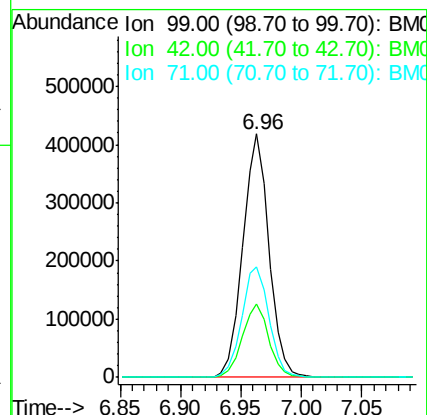
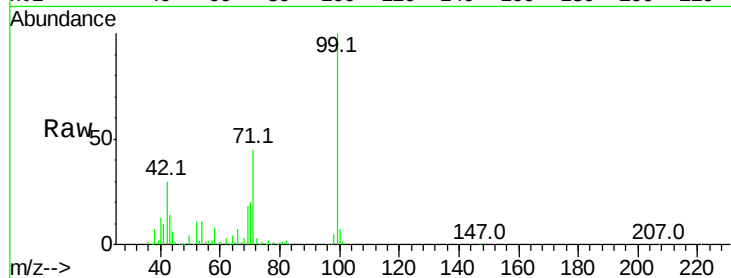
Tot Ion: 99 Resp: 633350

Ion Ratio Lower Upper

99 100

42 30.2 11.0 16.4#

71 45.5 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: BM009905.D

Acq: 05 May 2017 16:47

Tgt Ion: 136 Resp: 264613

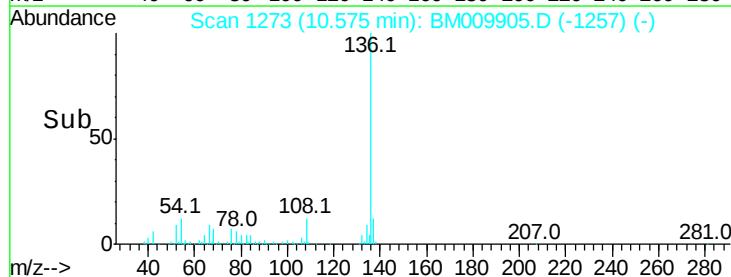
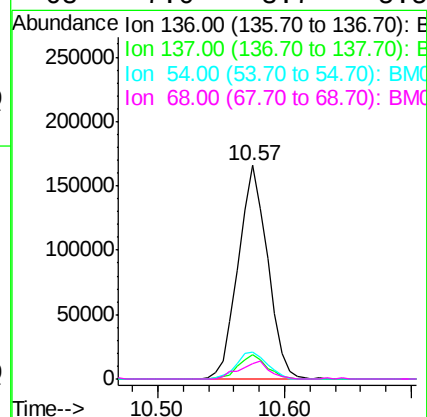
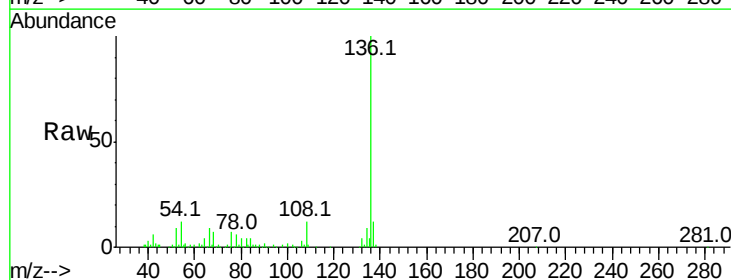
Ion Ratio Lower Upper

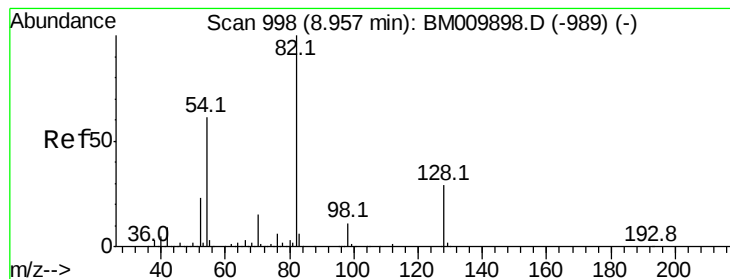
136 100

137 11.7 8.7 13.1

54 12.5 4.6 6.8#

68 7.0 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 92.87 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BM009905.D

Acq: 05 May 2017 16:47

Instrument :

BNA_M

ClientSampled :

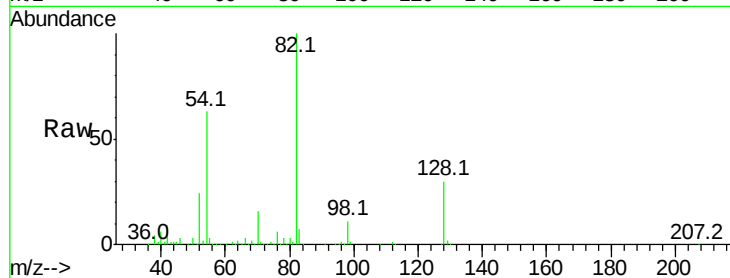
Tot Ion: 82 Resp: 679048

Ion Ratio Lower Upper

82 100

128 30.5 32.8 49.2#

54 62.6 40.6 60.8#

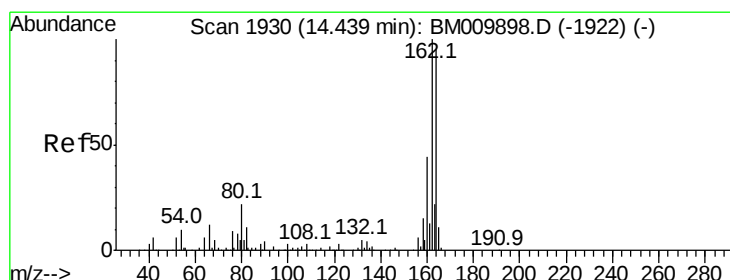
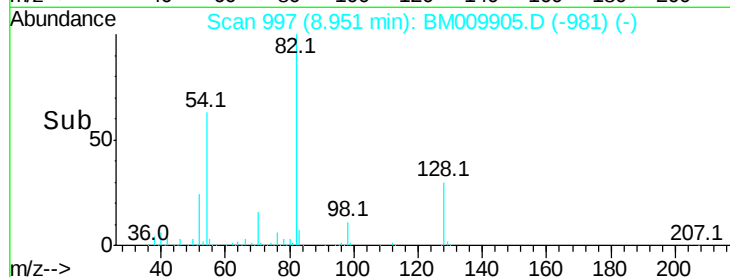


Abundance Ion 82.00 (81.70 to 82.70): BM009898.D (-989) (-)

Ion 128.00 (127.70 to 128.70): BM009898.D (-989) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-989) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BM009905.D

Acq: 05 May 2017 16:47

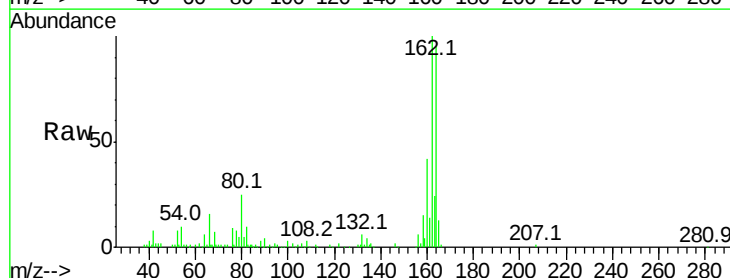
Tgt Ion: 164 Resp: 166319

Ion Ratio Lower Upper

164 100

162 104.8 82.4 123.6

160 44.2 35.8 53.6

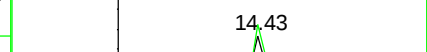
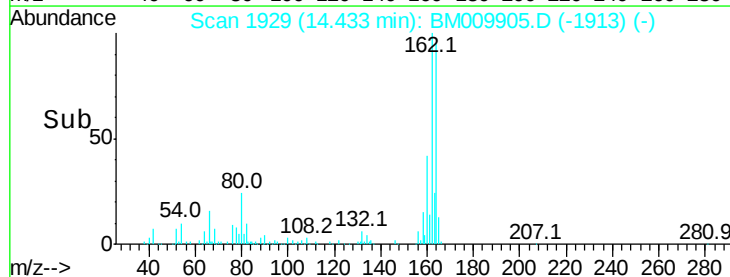


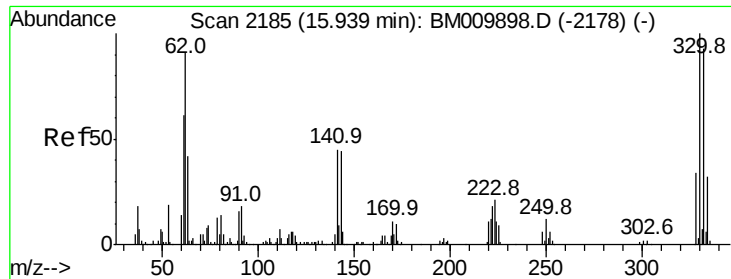
Abundance Ion 164.00 (163.70 to 164.70): BM009898.D (-1922) (-)

Ion 162.00 (161.70 to 162.70): BM009898.D (-1922) (-)

Ion 160.00 (159.70 to 160.70): BM009898.D (-1922) (-)

Time-->

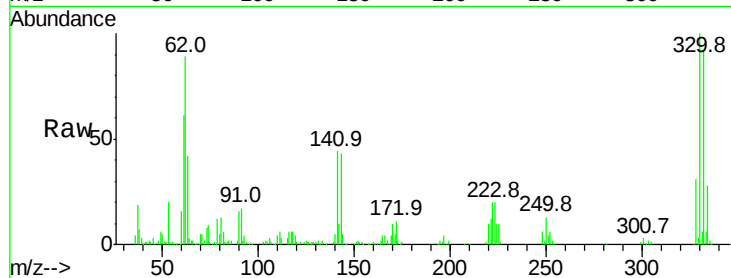




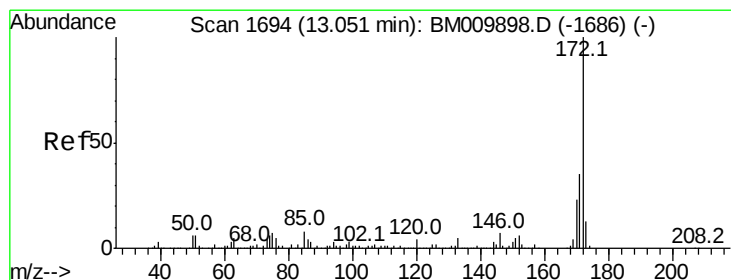
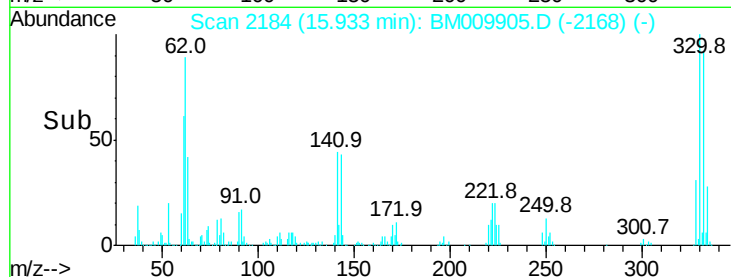
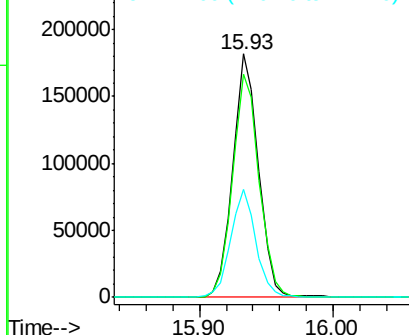
#41
 2,4,6-Tribromophenol
 Concen: 107.46 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009905.D
 Acq: 05 May 2017 16:47

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	43.6	0.0	0.0#

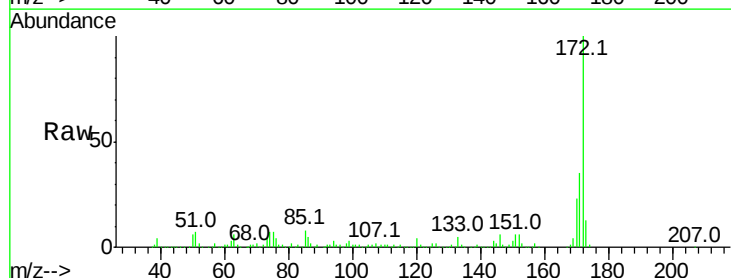


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

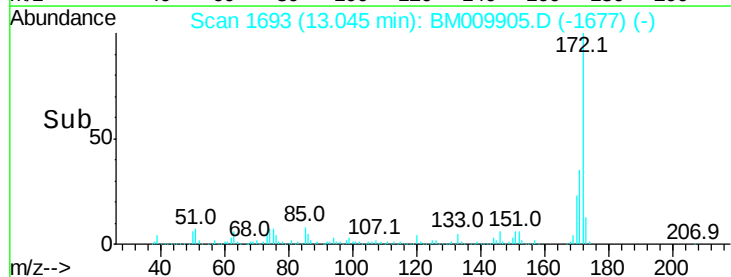
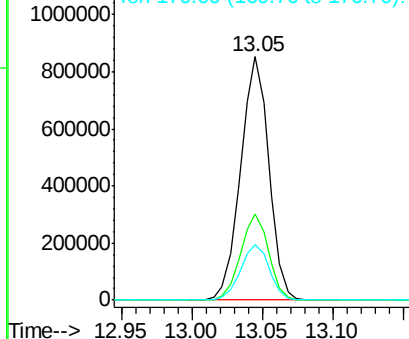


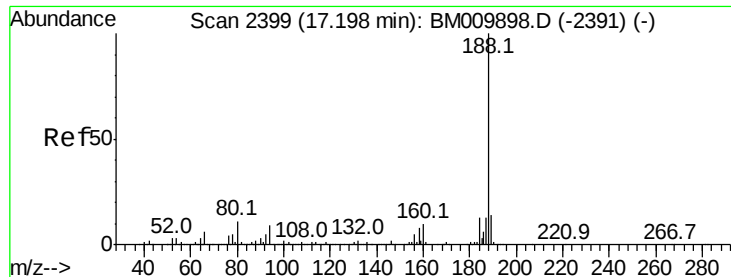
#44
 2-Fluorobiphenyl
 Concen: 93.28 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009905.D
 Acq: 05 May 2017 16:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	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# 2398

Delta R.T. -0.01 min

Lab File: BM009905.D

Acq: 05 May 2017 16:47

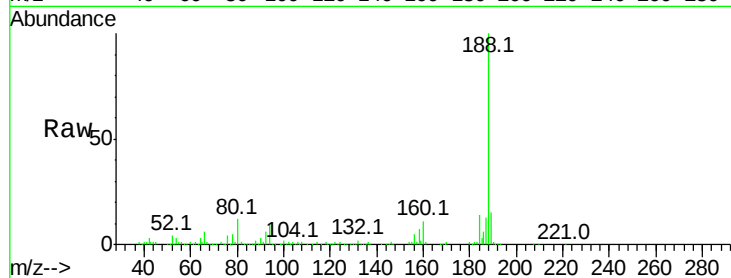
Instrument :

BNA_M

ClientSampleId :

Tot Ion:188 Resp: 444416

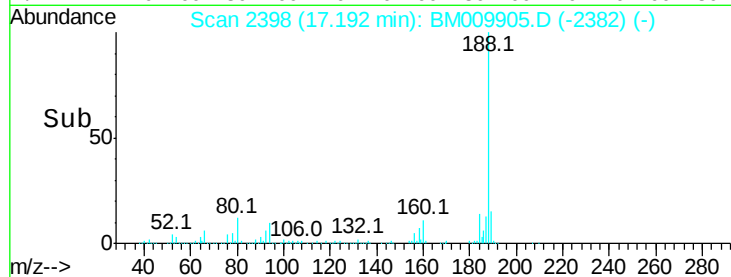
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.7	13.1
80	12.5	9.3	13.9



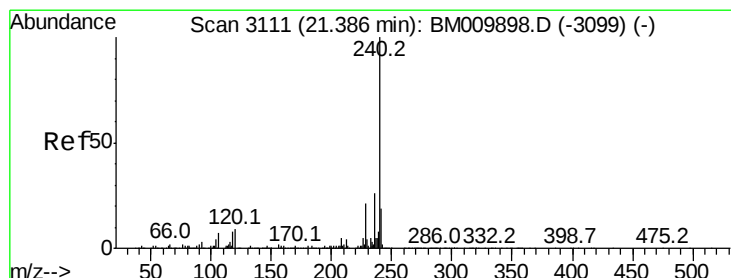
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



Time--> 17.10 17.15 17.20 17.25



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.38 min Scan# 3110

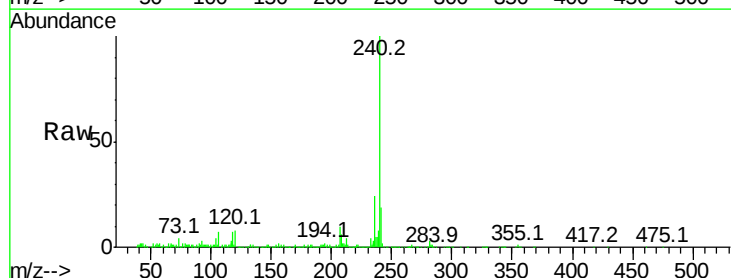
Delta R.T. -0.01 min

Lab File: BM009905.D

Acq: 05 May 2017 16:47

Tgt Ion:240 Resp: 651506

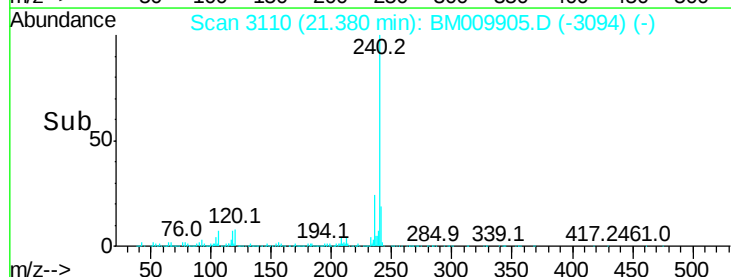
Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.2	12.2
236	24.0	20.0	30.0



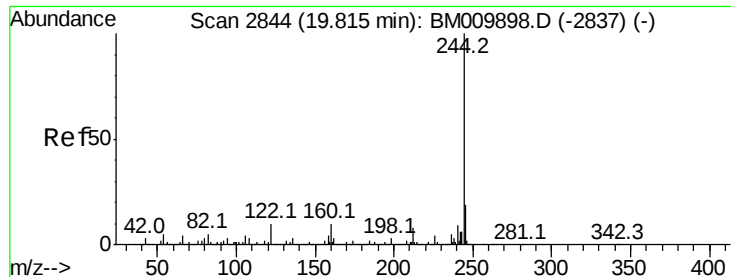
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.30 21.35 21.40 21.45



#78

Terphenyl-d14

Concen: 84.62 ng

RT: 19.82 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BM009905.D

Acq: 05 May 2017 16:47

Instrument :

BNA_M

ClientSampleId :

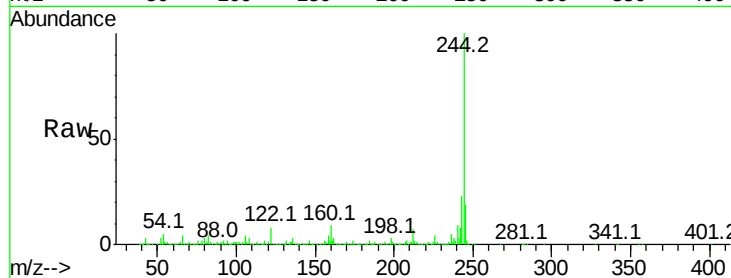
Tot Ion:244 Resp: 2687299

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

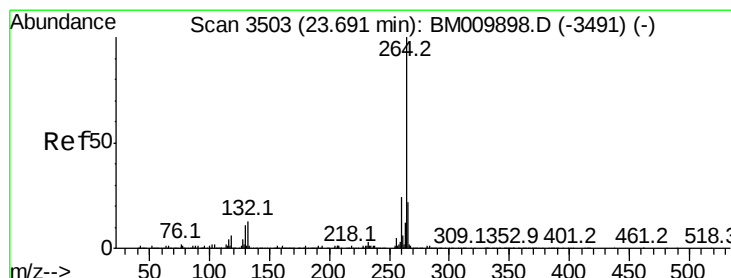
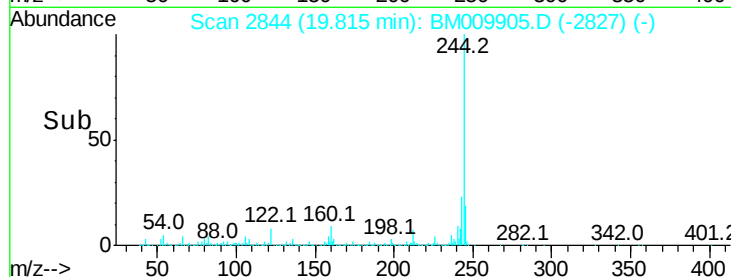
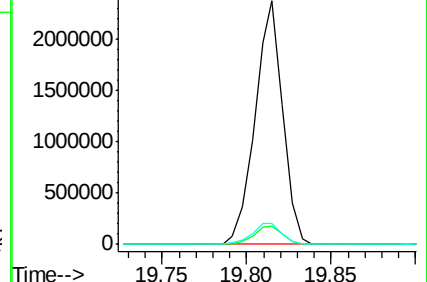
122 8.4 6.2 9.4



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: BM009905.D

Acq: 05 May 2017 16:47

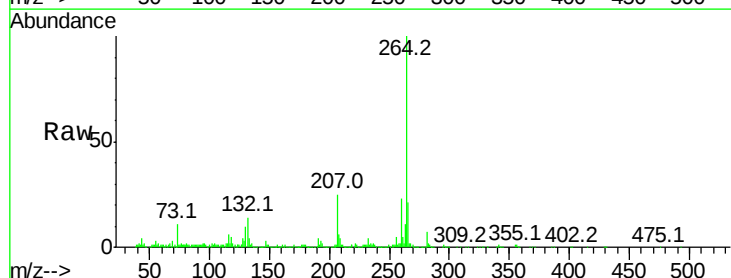
Tgt Ion:264 Resp: 681421

Ion Ratio Lower Upper

264 100

260 23.0 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

