

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050517\
 Data File : BM009914.D
 Acq On : 05 May 2017 22:16
 Operator : SJ/MA
 Sample : I2893-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 06 00:20:20 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	7.78	152	104674	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	423306	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	254260	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	613666	20.00	ng	-0.01
75) Chrysene-d12	21.37	240	686435	20.00	ng	-0.01
86) Perylene-d12	23.68	264	576843	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	457540	69.59	ng	0.00
7) Phenol-d6	6.96	99	394088	39.10	ng	0.00
23) Nitrobenzene-d5	8.95	82	1232772	105.39	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	586300	168.84	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	2193751	112.41	ng	0.00
78) Terphenyl-d14	19.82	244	3777459	112.89	ng	0.00

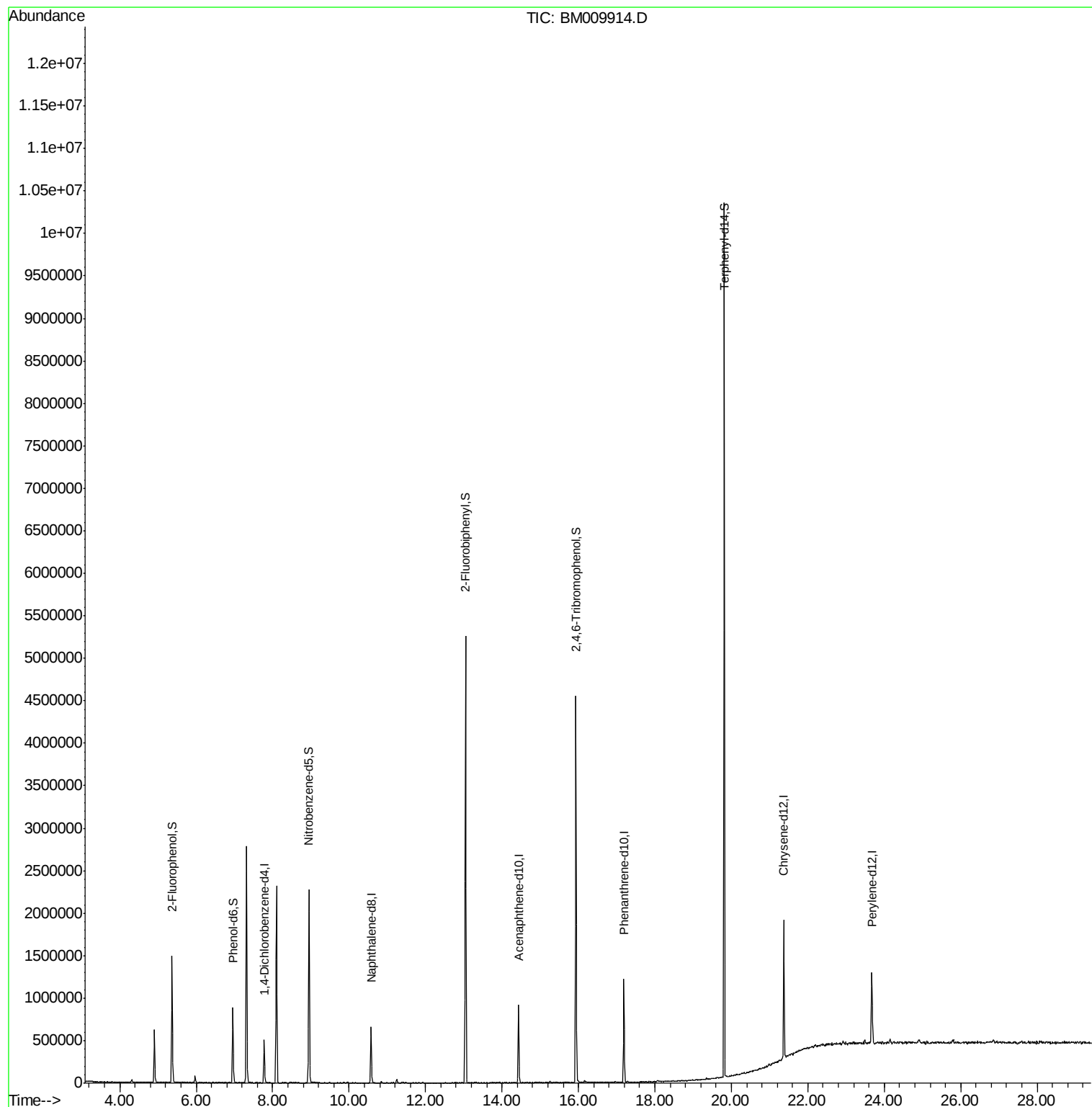
Target Compounds Qvalue

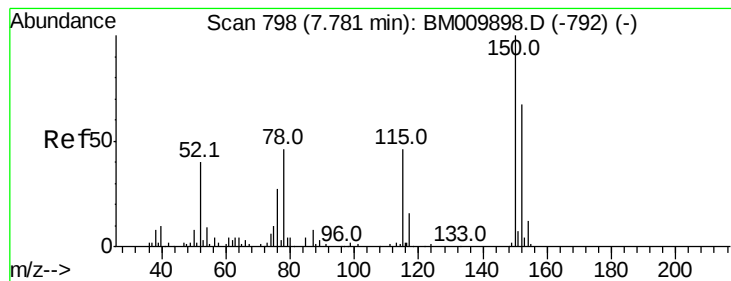
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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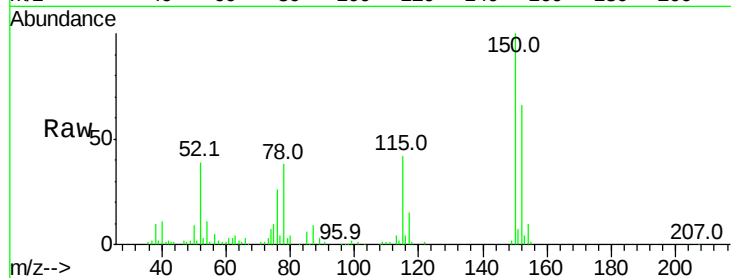


#1

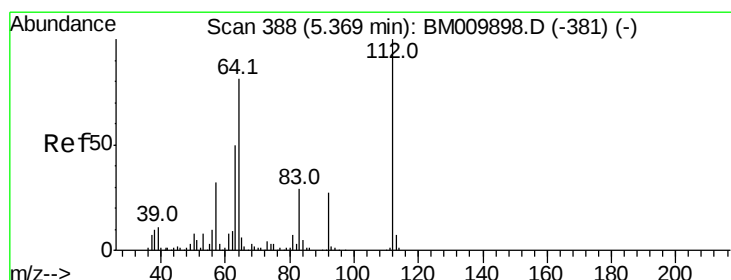
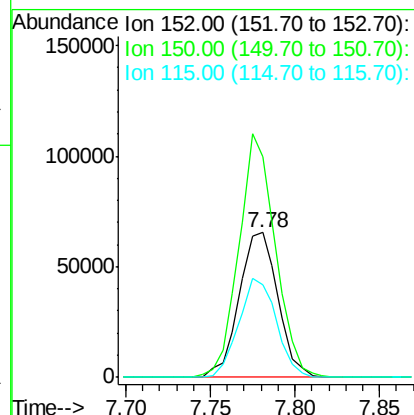
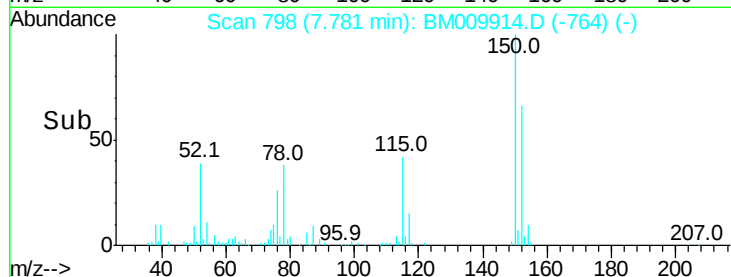
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.78 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BM009914.D
 Acq: 05 May 2017 22:16

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	119.5	179.3
115	63.5	43.0	64.4



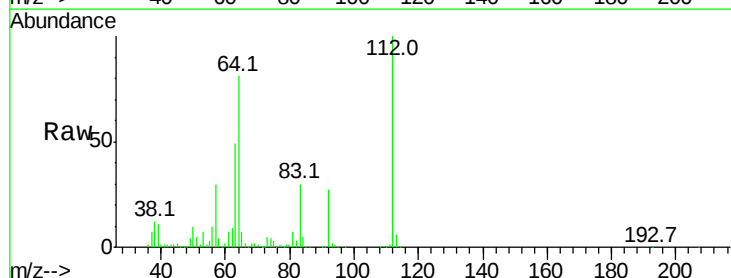
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



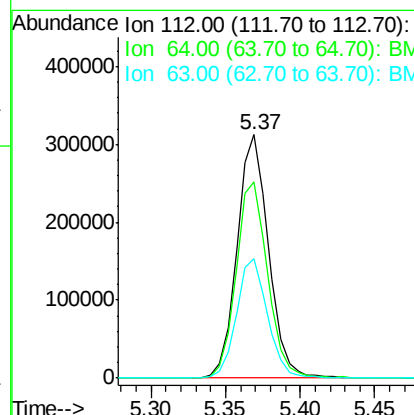
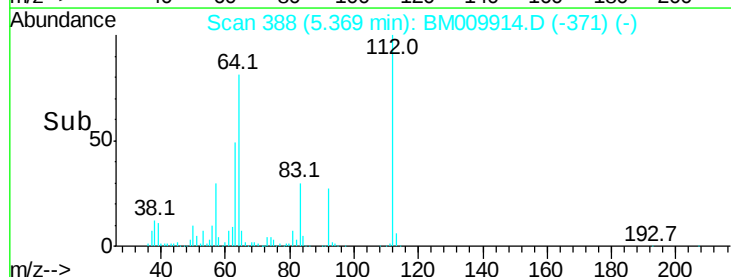
#5

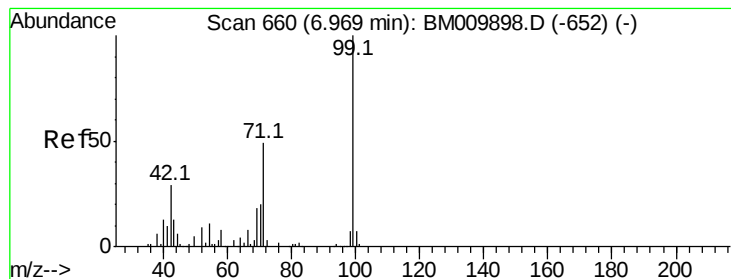
2-Fluorophenol
 Concen: 69.59 ng
 RT: 5.37 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: BM009914.D
 Acq: 05 May 2017 22:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.8	38.6	57.8#
63	49.1	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: 39.10 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM009914.D

Acq: 05 May 2017 22:16

Instrument :

BNA_M

ClientSampleId :

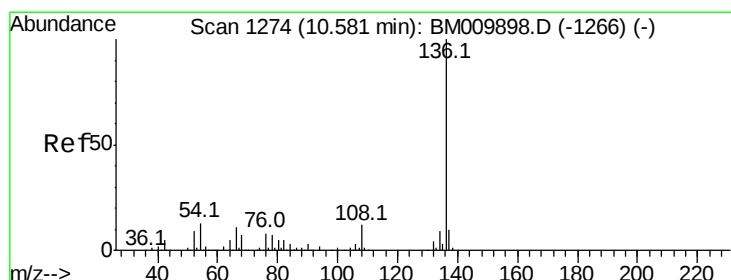
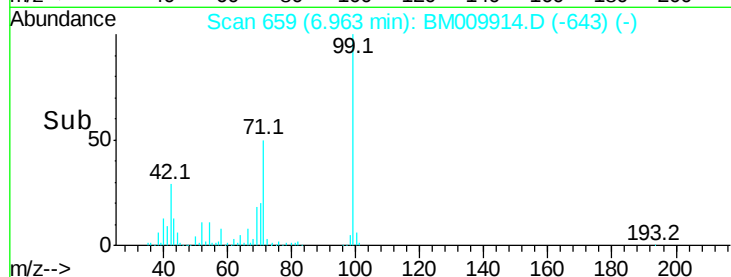
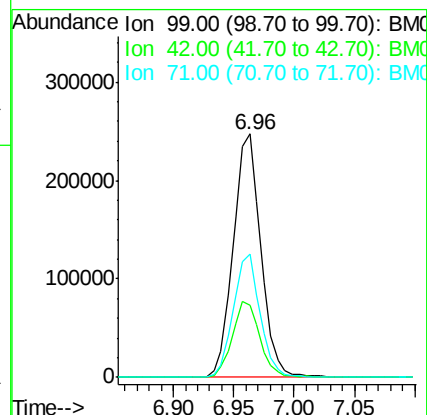
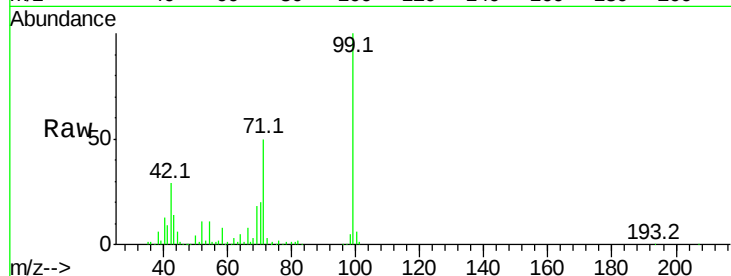
Tot Ion: 99 Resp: 394088

Ion Ratio Lower Upper

99 100

42 29.4 11.0 16.4#

71 50.4 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: BM009914.D

Acq: 05 May 2017 22:16

Tgt Ion: 136 Resp: 423306

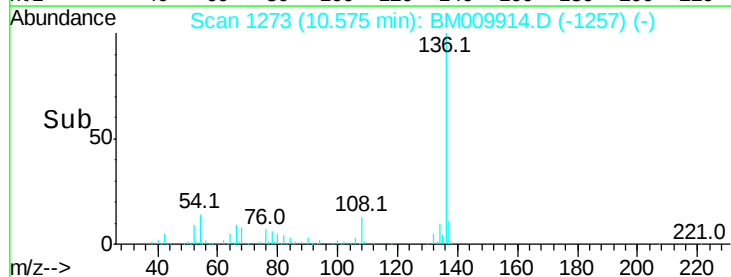
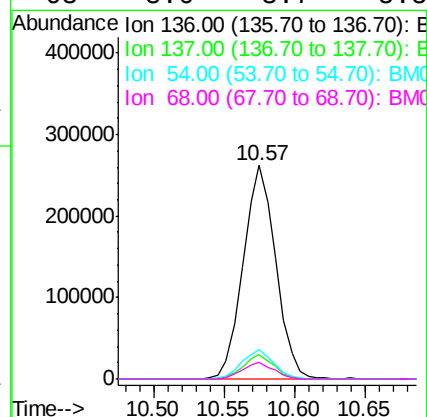
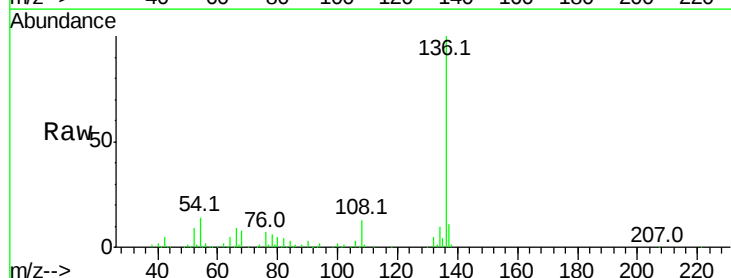
Ion Ratio Lower Upper

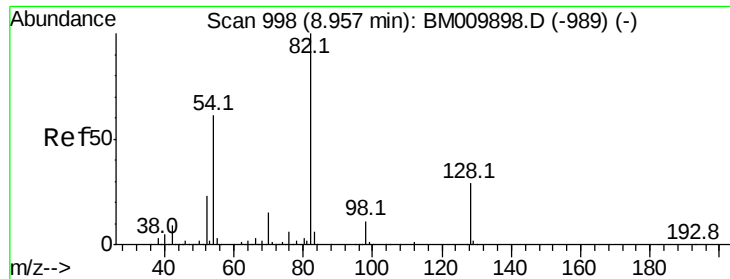
136 100

137 11.3 8.7 13.1

54 14.0 4.6 6.8#

68 8.0 3.7 5.5#

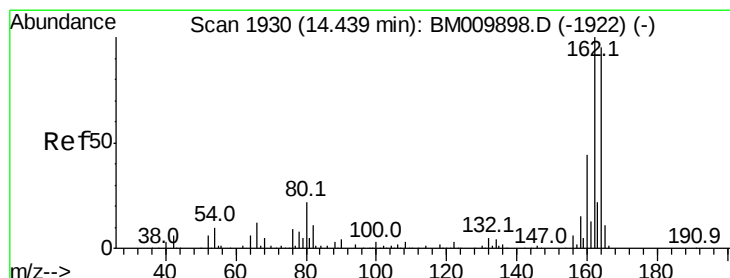
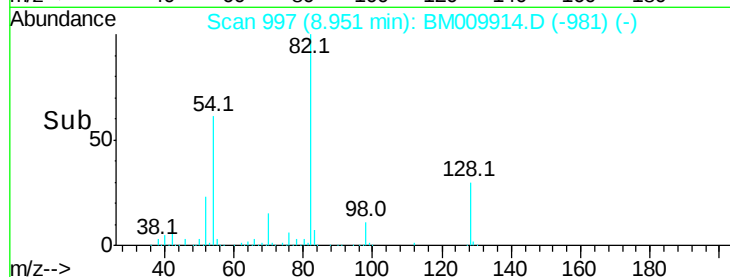
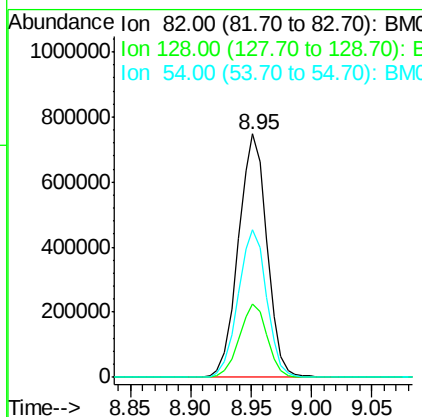
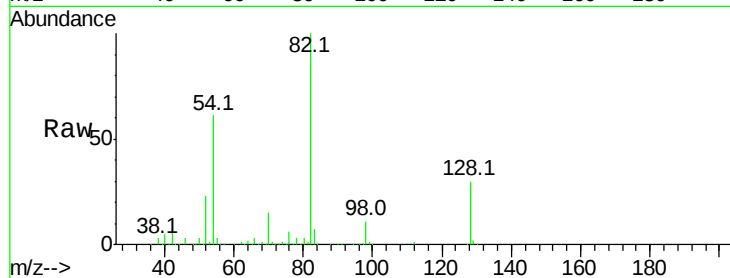




#23
 Nitrobenzene-d5
 Concen: 105.39 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM009914.D
 Acq: 05 May 2017 22:16

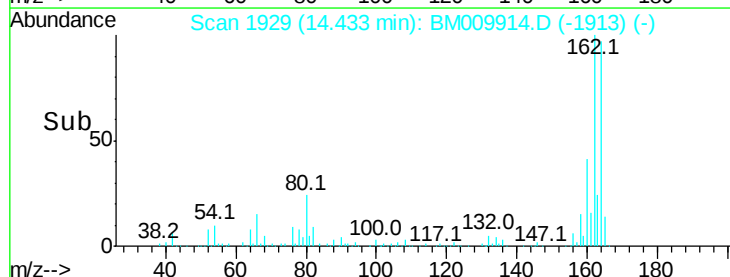
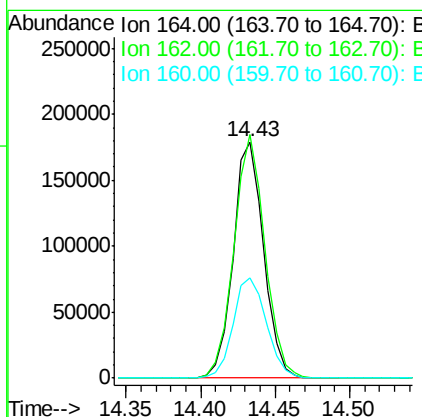
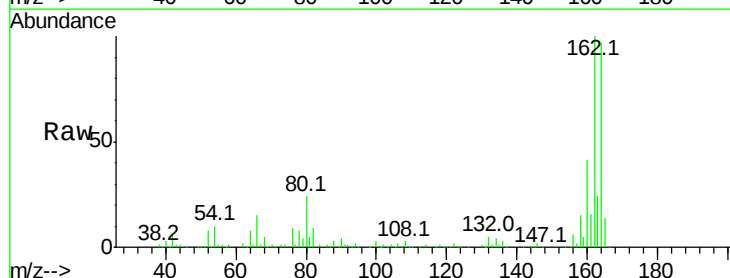
Instrument :
 BNA_M
 ClientSampled :

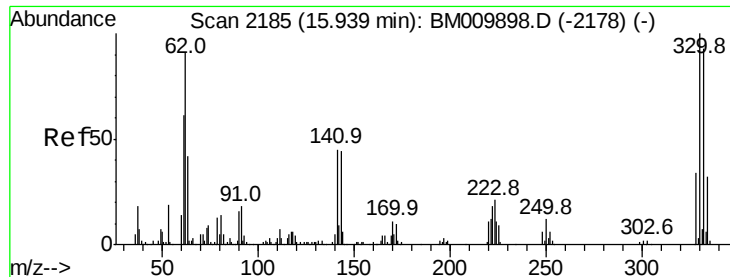
Tot Ion: 82 Resp: 1232772
 Ion Ratio Lower Upper
 82 100
 128 29.9 32.8 49.2#
 54 60.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BM009914.D
 Acq: 05 May 2017 22:16

Tgt Ion: 164 Resp: 254260
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.4 123.6
 160 42.4 35.8 53.6

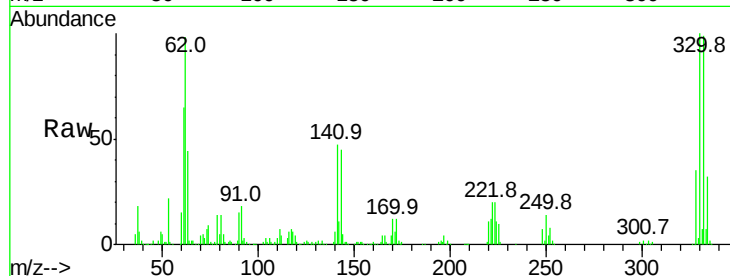




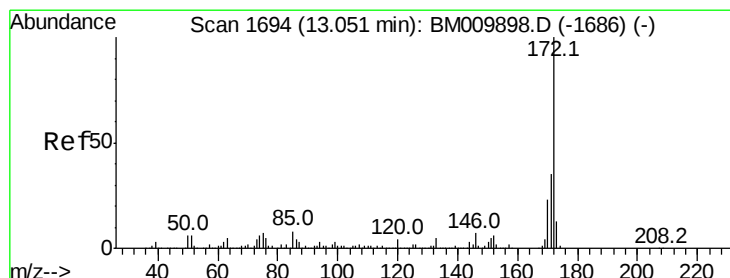
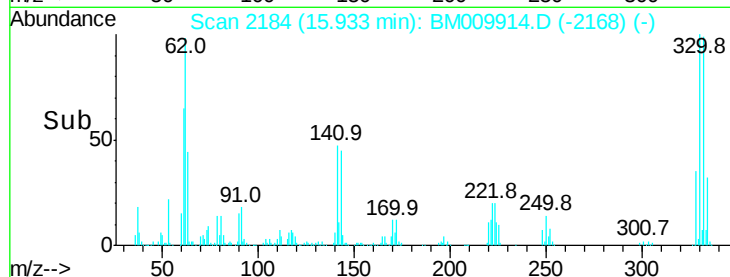
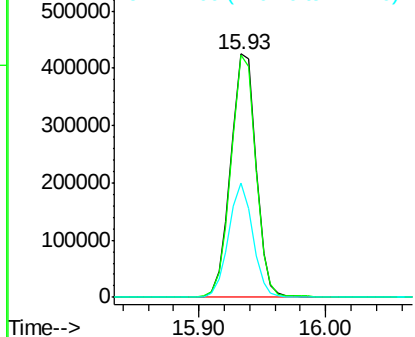
#41
 2,4,6-Tribromophenol
 Concen: 168.84 ng
 RT: 15.93 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM009914.D
 Acq: 05 May 2017 22:16

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 586300
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 44.7 0.0 0.0#

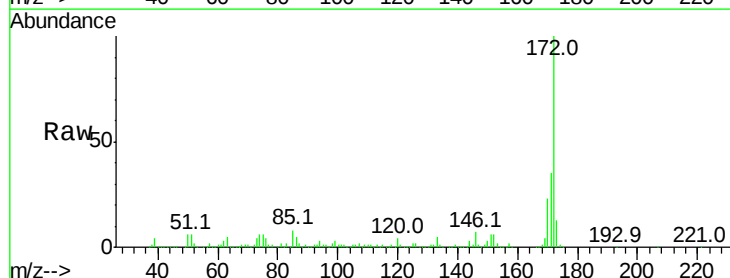


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

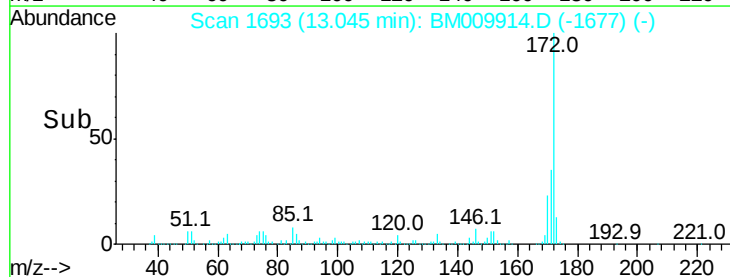
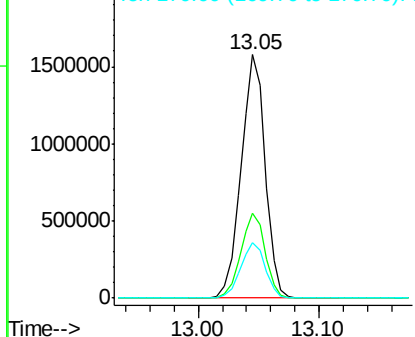


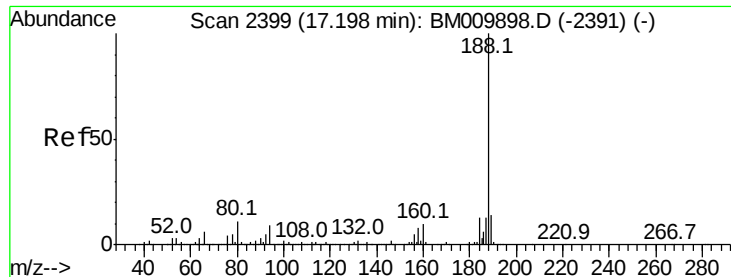
#44
 2-Fluorobiphenyl
 Concen: 112.41 ng
 RT: 13.05 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BM009914.D
 Acq: 05 May 2017 22:16

Tgt Ion:172 Resp: 2193751
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.0 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

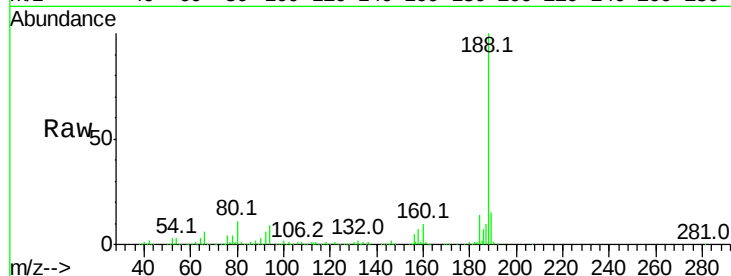




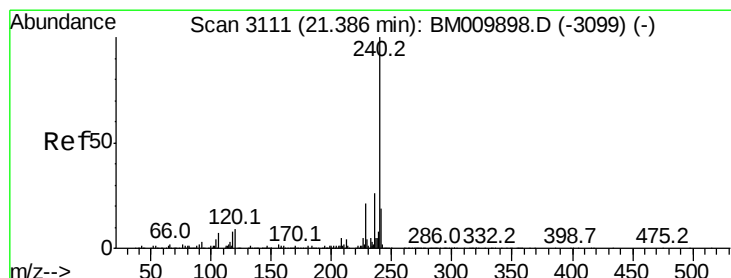
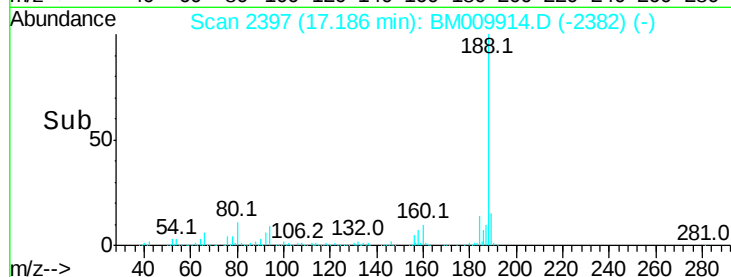
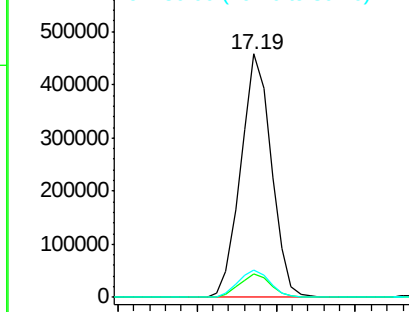
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM009914.D
Acq: 05 May 2017 22:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 613666
Ion Ratio Lower Upper
188 100
94 9.4 8.7 13.1
80 11.2 9.3 13.9

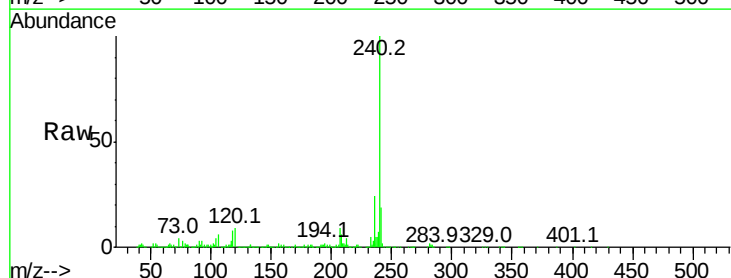


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

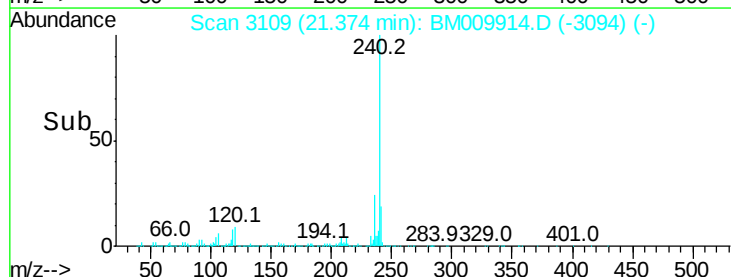
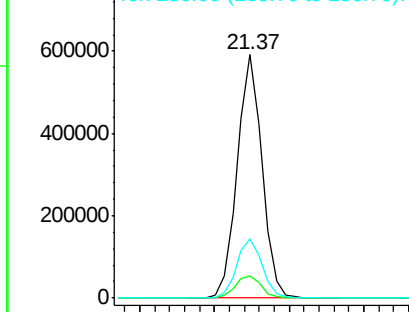


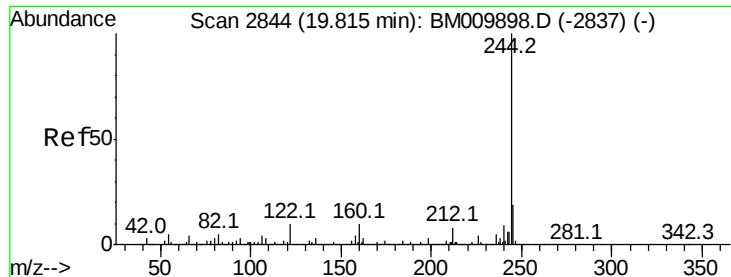
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM009914.D
Acq: 05 May 2017 22:16

Tgt Ion:240 Resp: 686435
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.2
236 24.3 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: 112.89 ng

RT: 19.82 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BM009914.D

Acq: 05 May 2017 22:16

Instrument :

BNA_M

ClientSampleId :

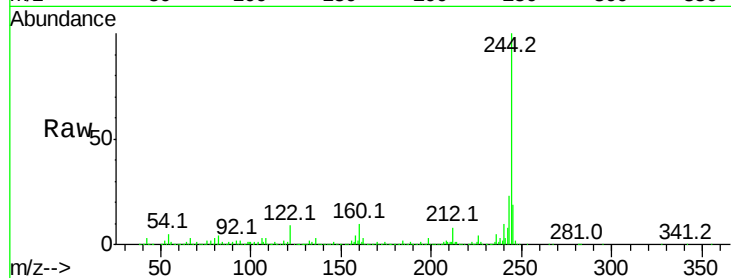
Tot Ion:244 Resp: 3777459

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

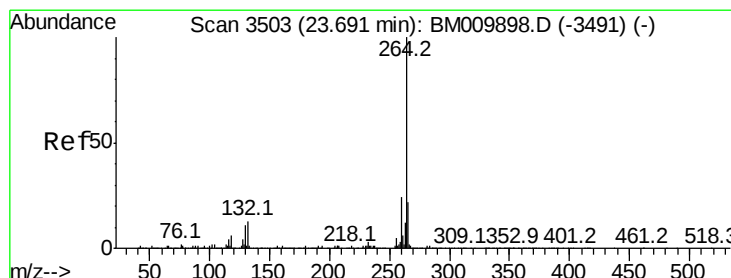
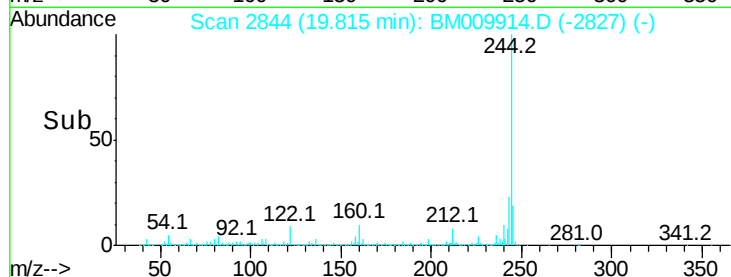
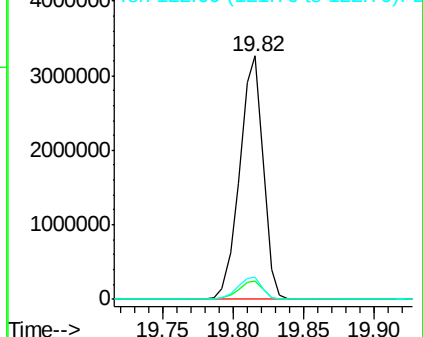
122 9.0 6.2 9.4



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: BM009914.D

Acq: 05 May 2017 22:16

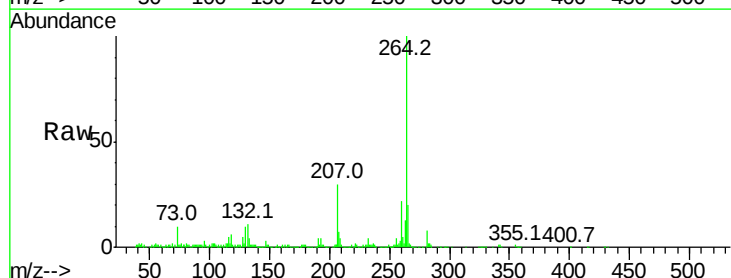
Tgt Ion:264 Resp: 576843

Ion Ratio Lower Upper

264 100

260 22.1 18.6 27.8

265 20.2 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

