

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009510.D
 Acq On : 03 Apr 2017 21:05
 Operator : SJ/MA
 Sample : I2494-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW18

Quant Time: Apr 04 03:36:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	134462	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	501252	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	291138	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	713053	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	918958	20.00	ng	-0.01
86) Perylene-d12	23.74	264	843677	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	565788	70.14	ng	-0.01
7) Phenol-d6	7.00	99	499533	45.41	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1195393	89.42	ng	-0.02
41) 2,4,6-Tribromophenol	15.99	330	615454	170.17	ng	-0.01
44) 2-Fluorobiphenyl	13.10	172	2172419	89.91	ng	-0.02
78) Terphenyl-d14	19.86	244	3605024	81.97	ng	-0.01

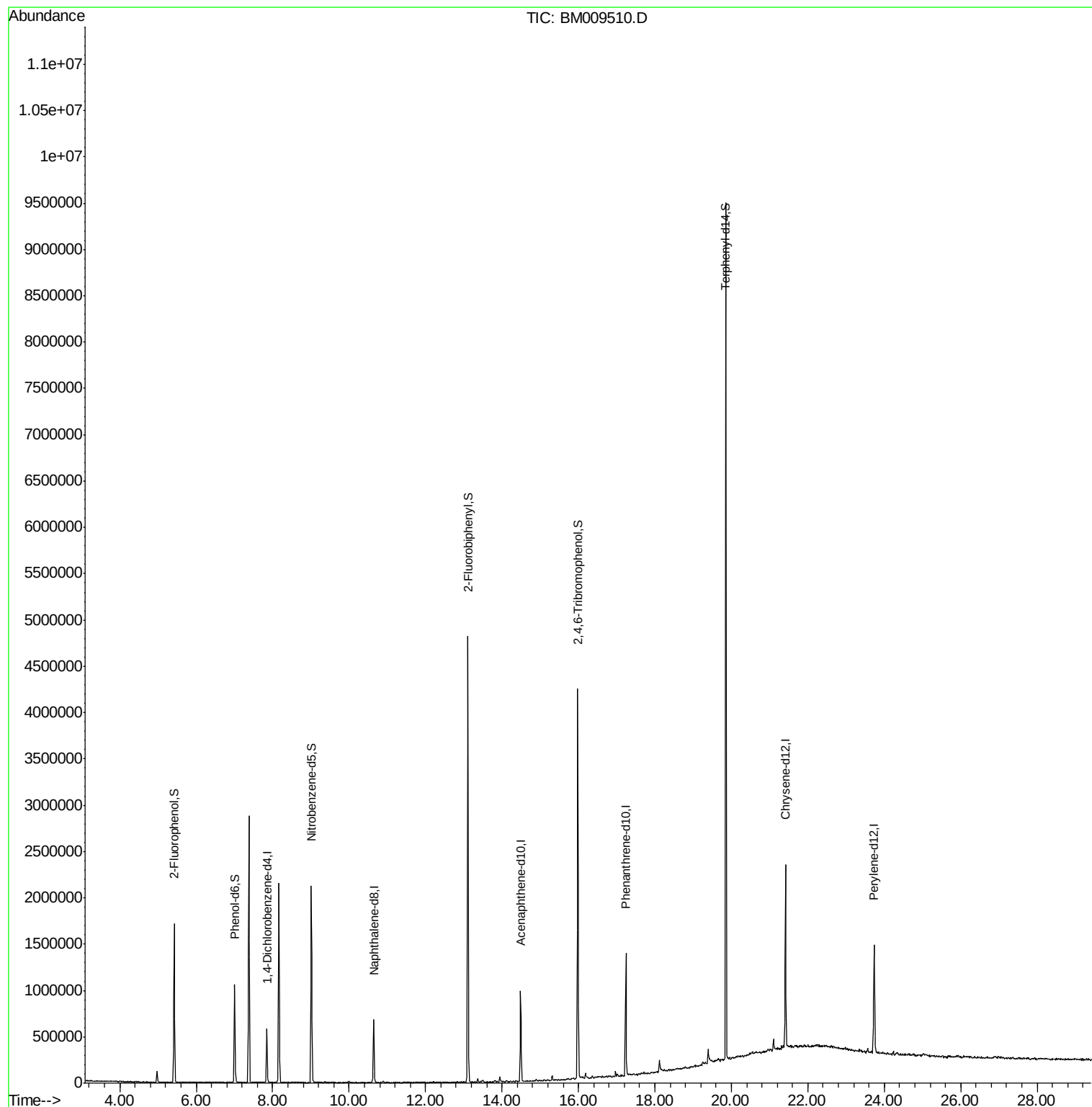
Target Compounds Qvalue

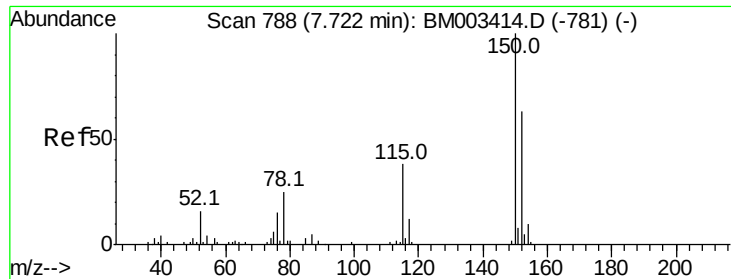
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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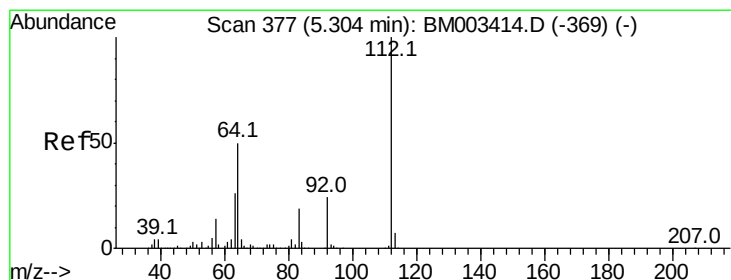
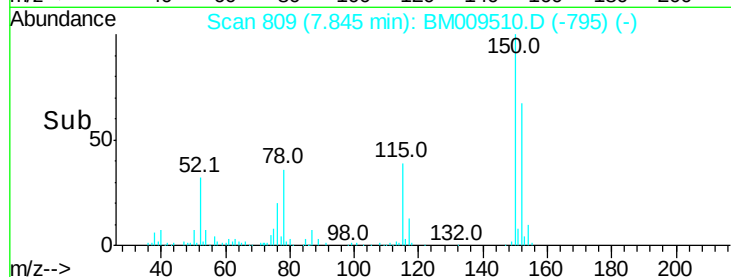
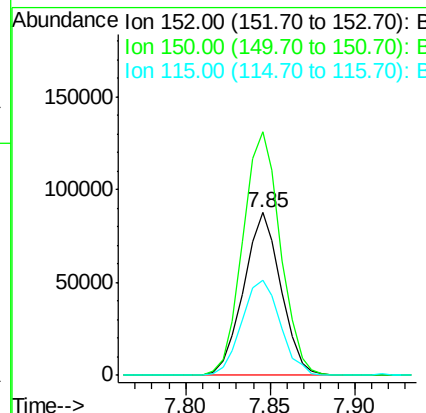
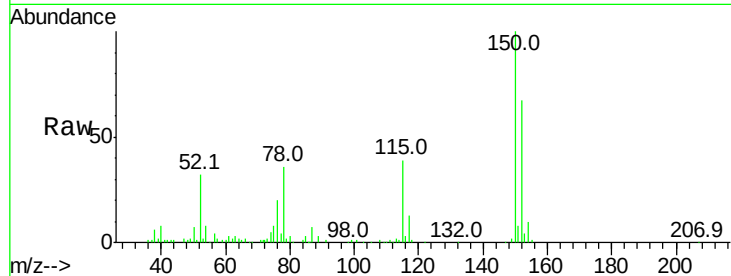


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009510.D
Acq: 03 Apr 2017 21:05

Instrument :
BNA_M
ClientSampleId :
MW18

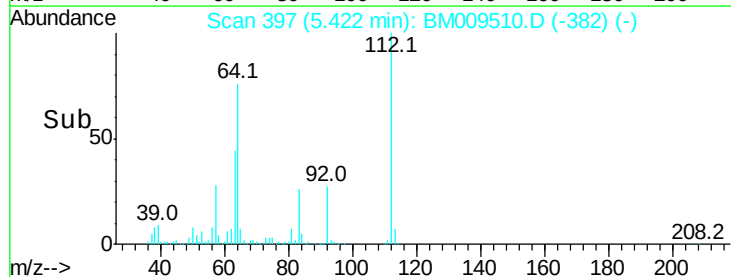
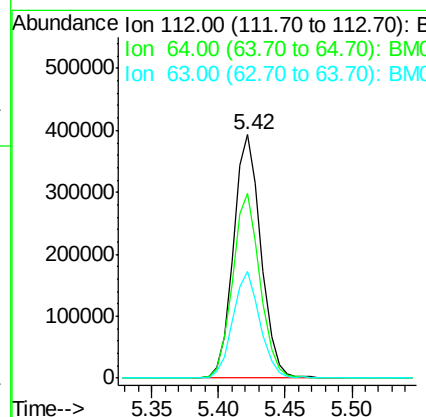
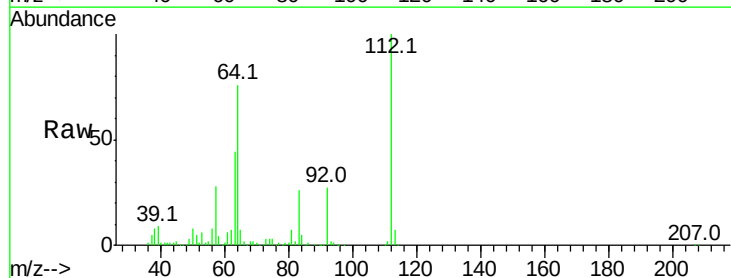
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.5	179.3
115	58.3	43.0	64.4

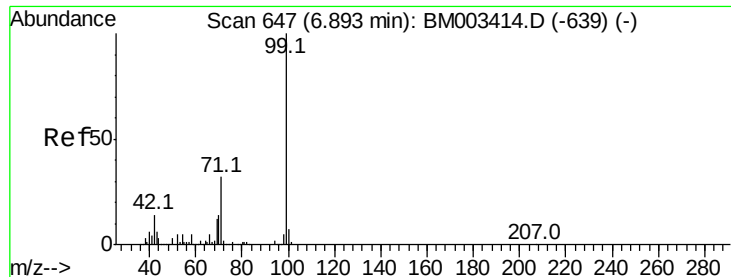


#5

2-Fluorophenol
Concen: 70.14 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009510.D
Acq: 03 Apr 2017 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.0	38.6	57.8#
63	43.7	19.3	28.9#





#7

Phenol-d6

Concen: 45.41 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009510.D

Acq: 03 Apr 2017 21:05

Instrument :

BNA_M

ClientSampleId :

MW18

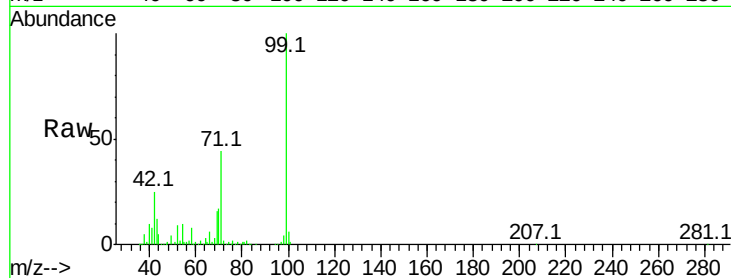
Tot Ion: 99 Resp: 499533

Ion Ratio Lower Upper

99 100

42 24.5 11.0 16.4#

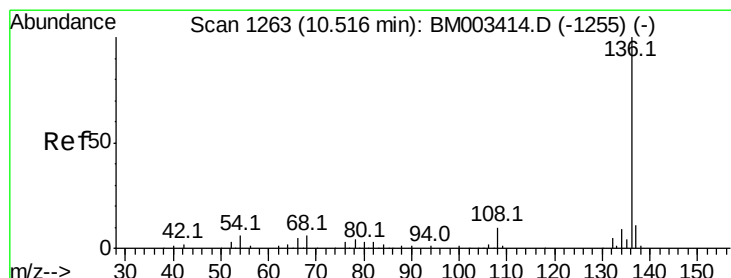
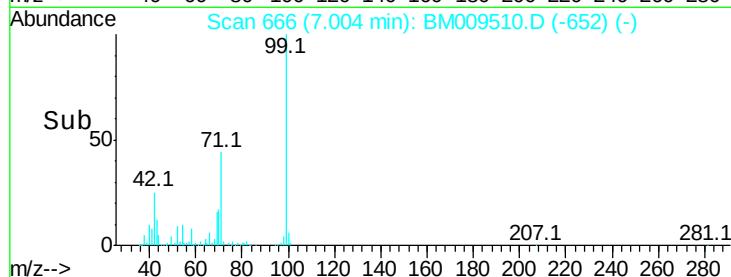
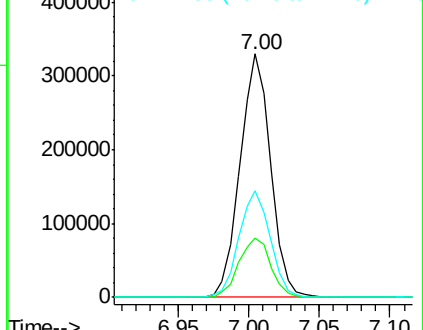
71 43.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009510.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009510.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009510.D (-652) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009510.D

Acq: 03 Apr 2017 21:05

Tgt Ion: 136 Resp: 501252

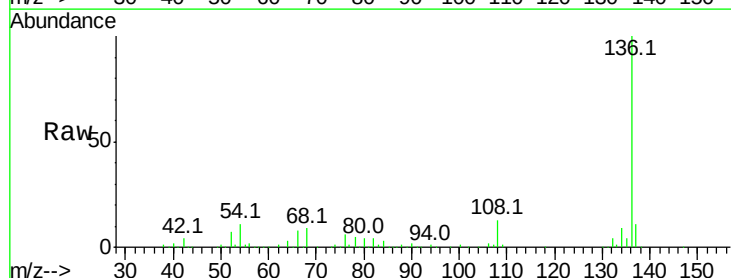
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 11.4 4.6 6.8#

68 8.5 3.7 5.5#

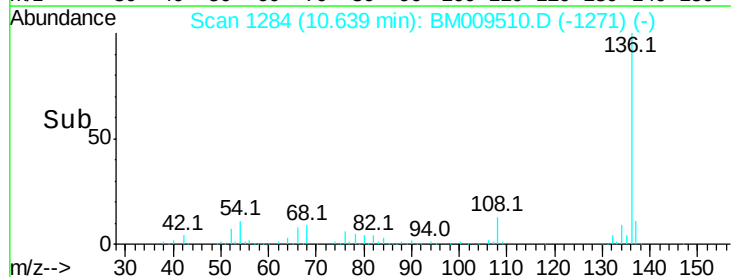
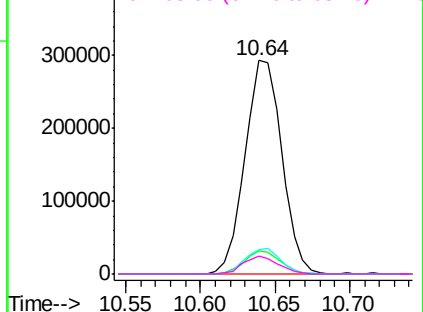


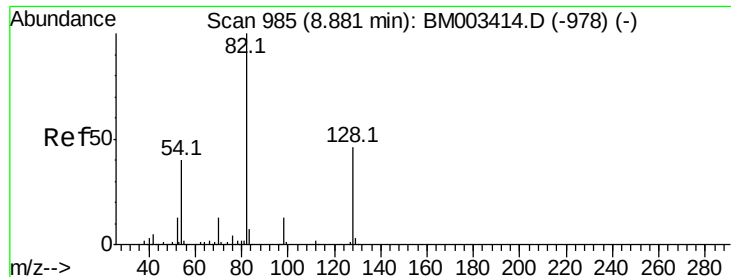
Abundance Ion 136.00 (135.70 to 136.70): BM009510.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009510.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009510.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009510.D (-1271) (-)

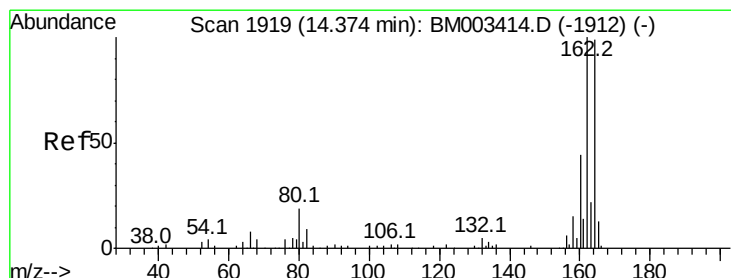
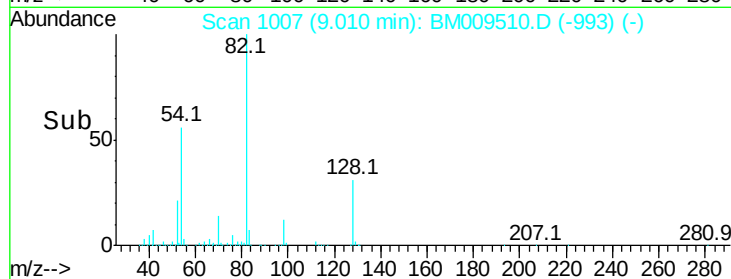
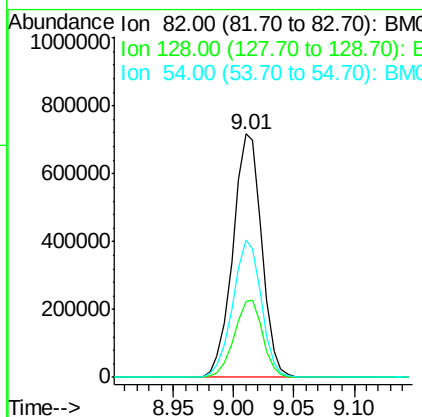
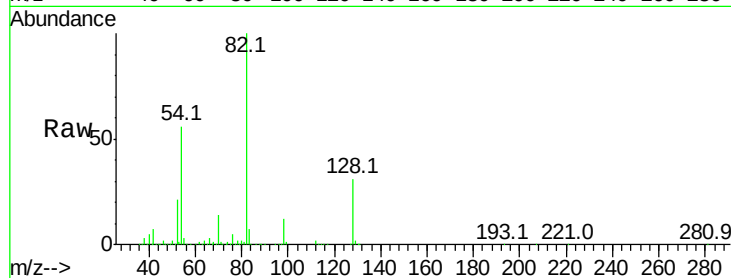




#23
 Nitrobenzene-d5
 Concen: 89.42 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009510.D
 Acq: 03 Apr 2017 21:05

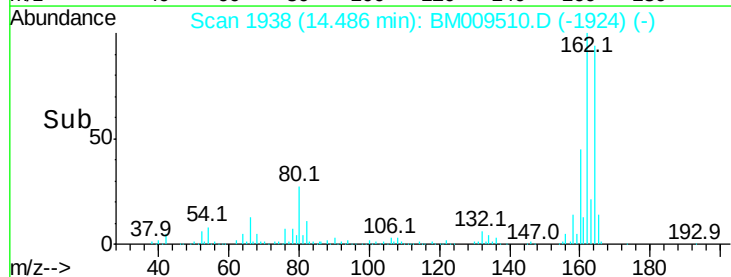
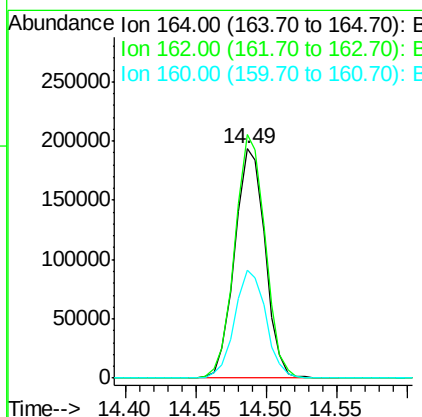
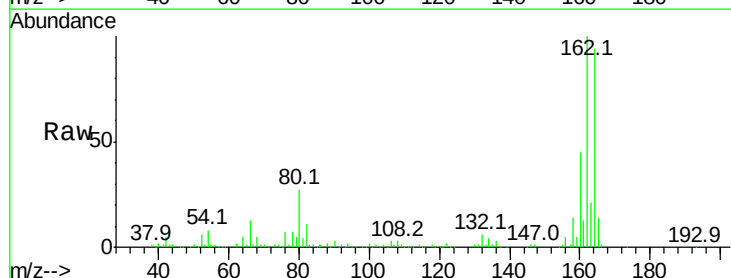
Instrument :
 BNA_M
 ClientSampleId :
 MW18

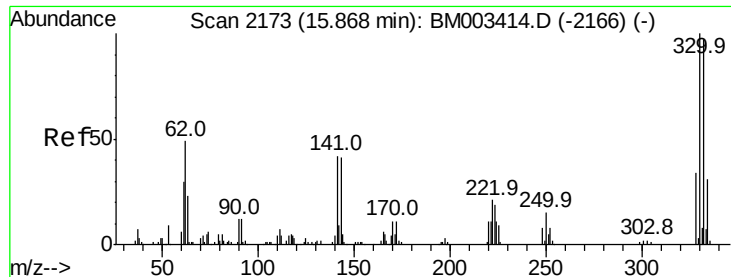
Tot Ion: 82 Resp: 1195393
 Ion Ratio Lower Upper
 82 100
 128 31.2 32.8 49.2#
 54 56.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009510.D
 Acq: 03 Apr 2017 21:05

Tgt Ion: 164 Resp: 291138
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.4 123.6
 160 47.3 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 170.17 ng

RT: 15.99 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BM009510.D

Acq: 03 Apr 2017 21:05

Instrument :

BNA_M

ClientSampleId :

MW18

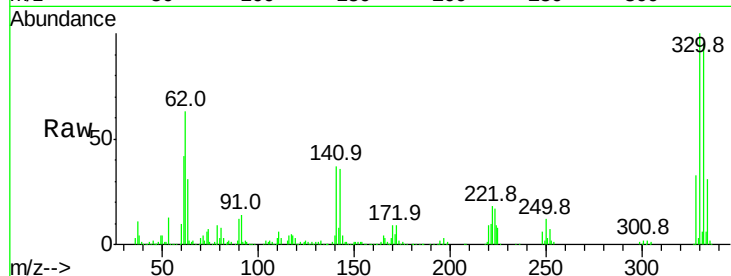
Tot Ion:330 Resp: 615454

Ion Ratio Lower Upper

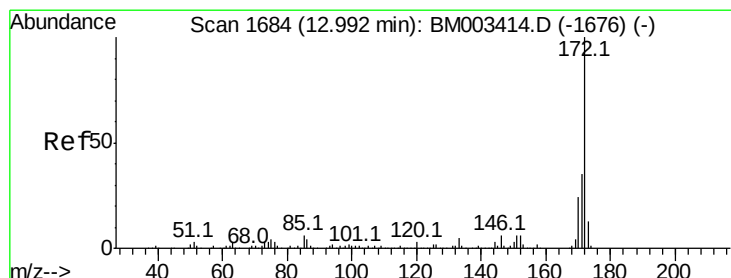
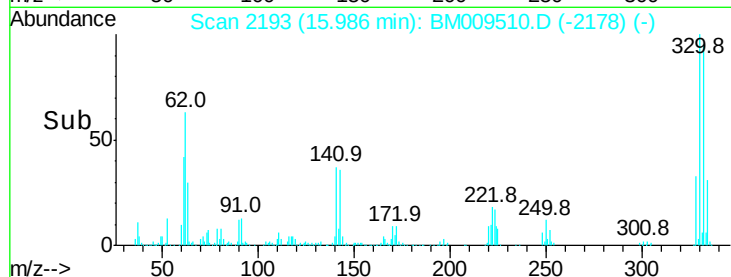
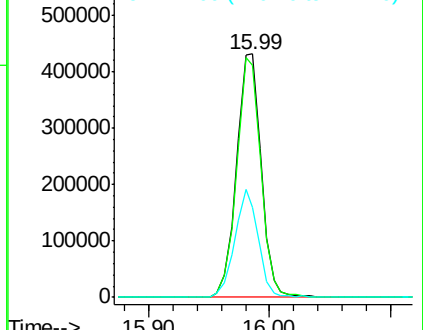
330 100

332 96.9 0.0 0.0#

141 42.1 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: 89.91 ng

RT: 13.10 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BM009510.D

Acq: 03 Apr 2017 21:05

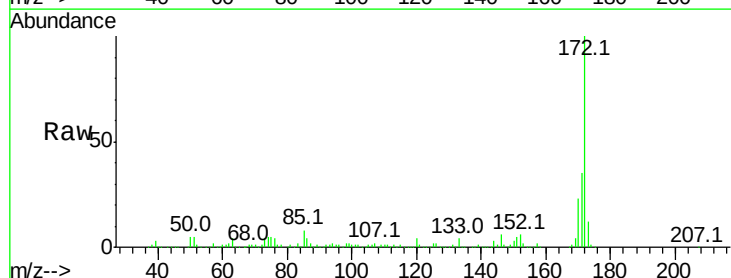
Tgt Ion:172 Resp: 2172419

Ion Ratio Lower Upper

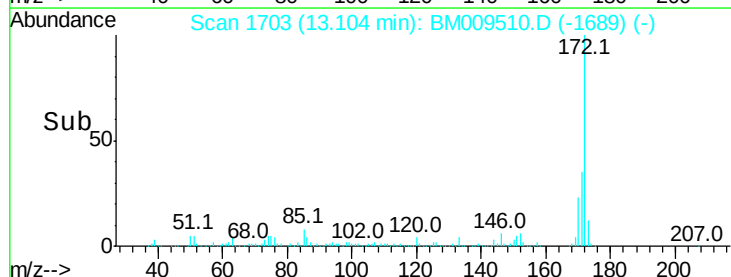
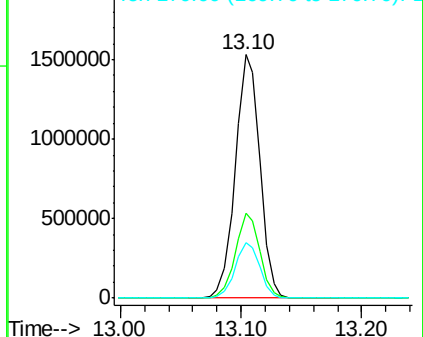
172 100

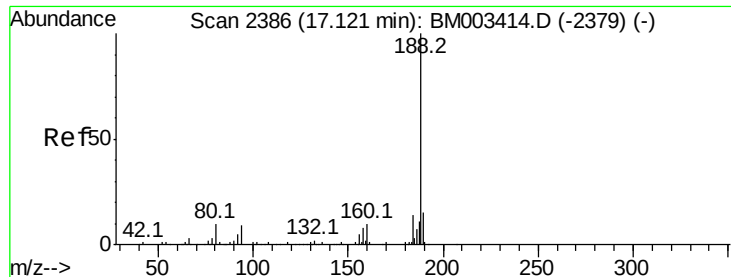
171 34.8 28.5 42.7

170 22.6 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

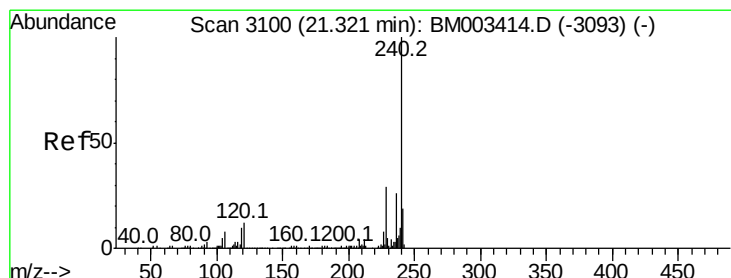
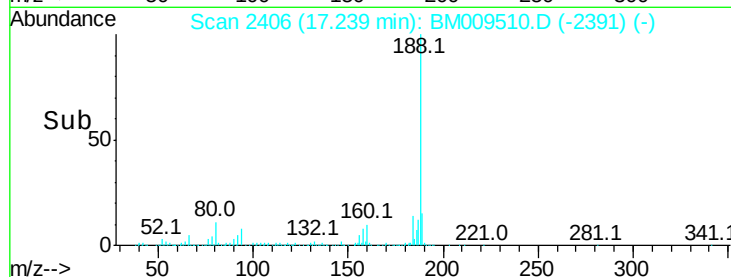
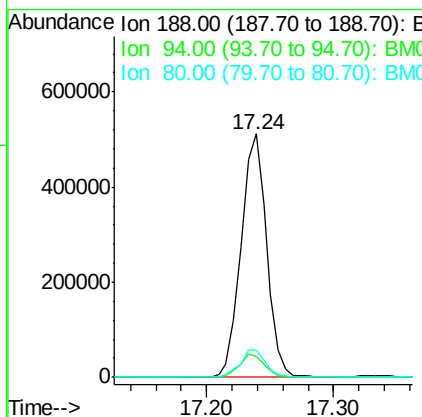
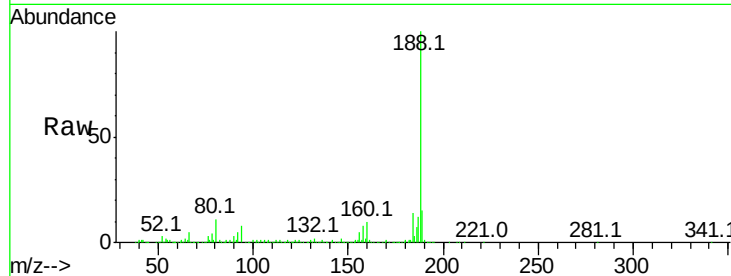




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009510.D
Acq: 03 Apr 2017 21:05

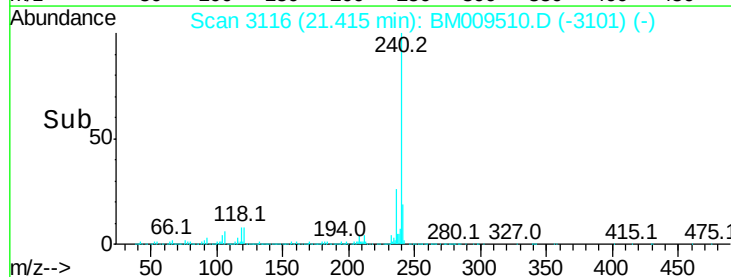
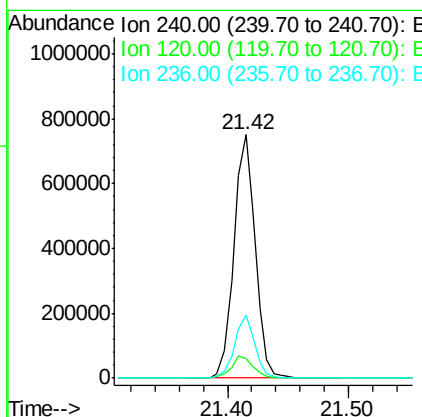
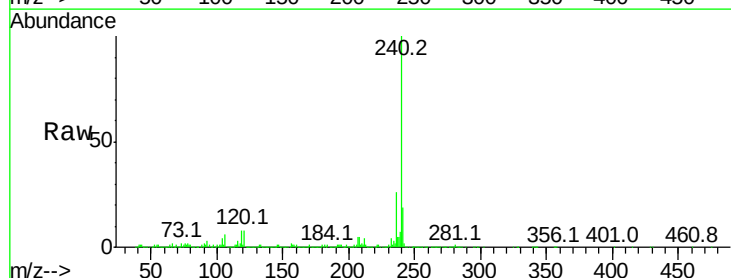
Instrument :
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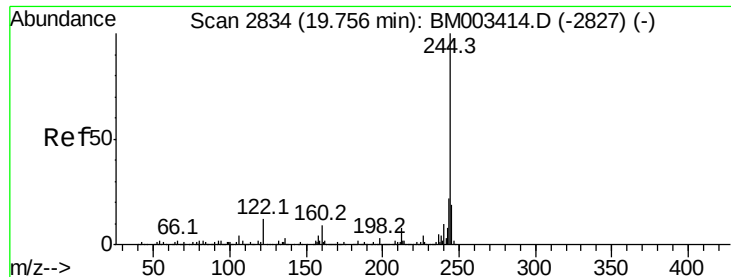
Tot Ion:188 Resp: 713053
Ion Ratio Lower Upper
188 100
94 8.4 8.7 13.1#
80 11.2 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009510.D
Acq: 03 Apr 2017 21:05

Tgt Ion:240 Resp: 918958
Ion Ratio Lower Upper
240 100
120 7.9 8.2 12.2#
236 25.9 20.0 30.0

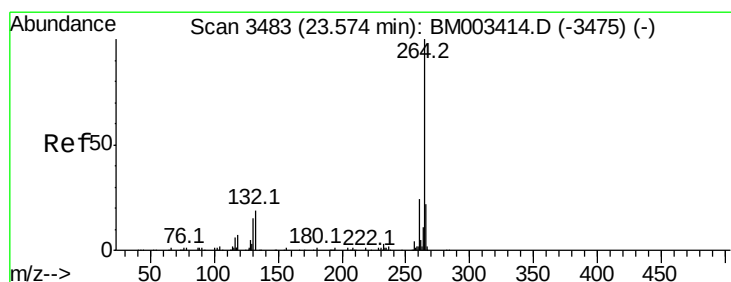
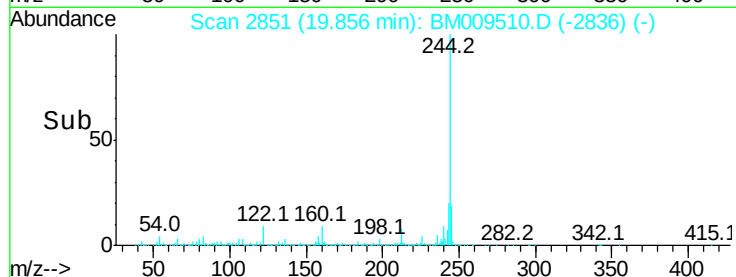
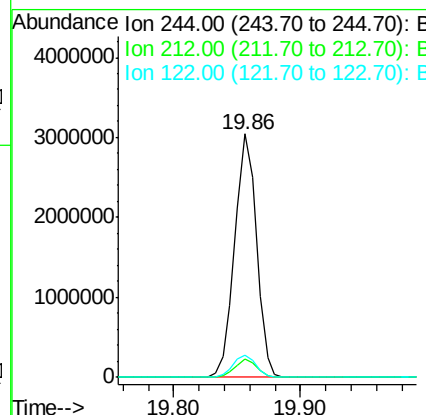
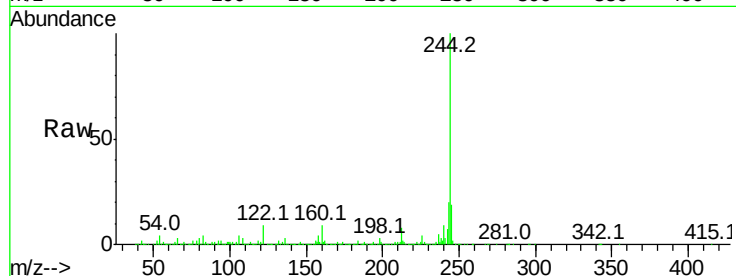




#78
 Terphenyl-d14
 Concen: 81.97 ng
 RT: 19.86 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BM009510.D
 Acq: 03 Apr 2017 21:05

Instrument :
 BNA_M
 ClientSampleId :
 MW18

Tot Ion:244 Resp: 3605024
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.9 7.3#
 122 8.9 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009510.D
 Acq: 03 Apr 2017 21:05

Tgt Ion:264 Resp: 843677
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.6 27.8
 265 22.2 17.3 25.9

