

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 01:22:33 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

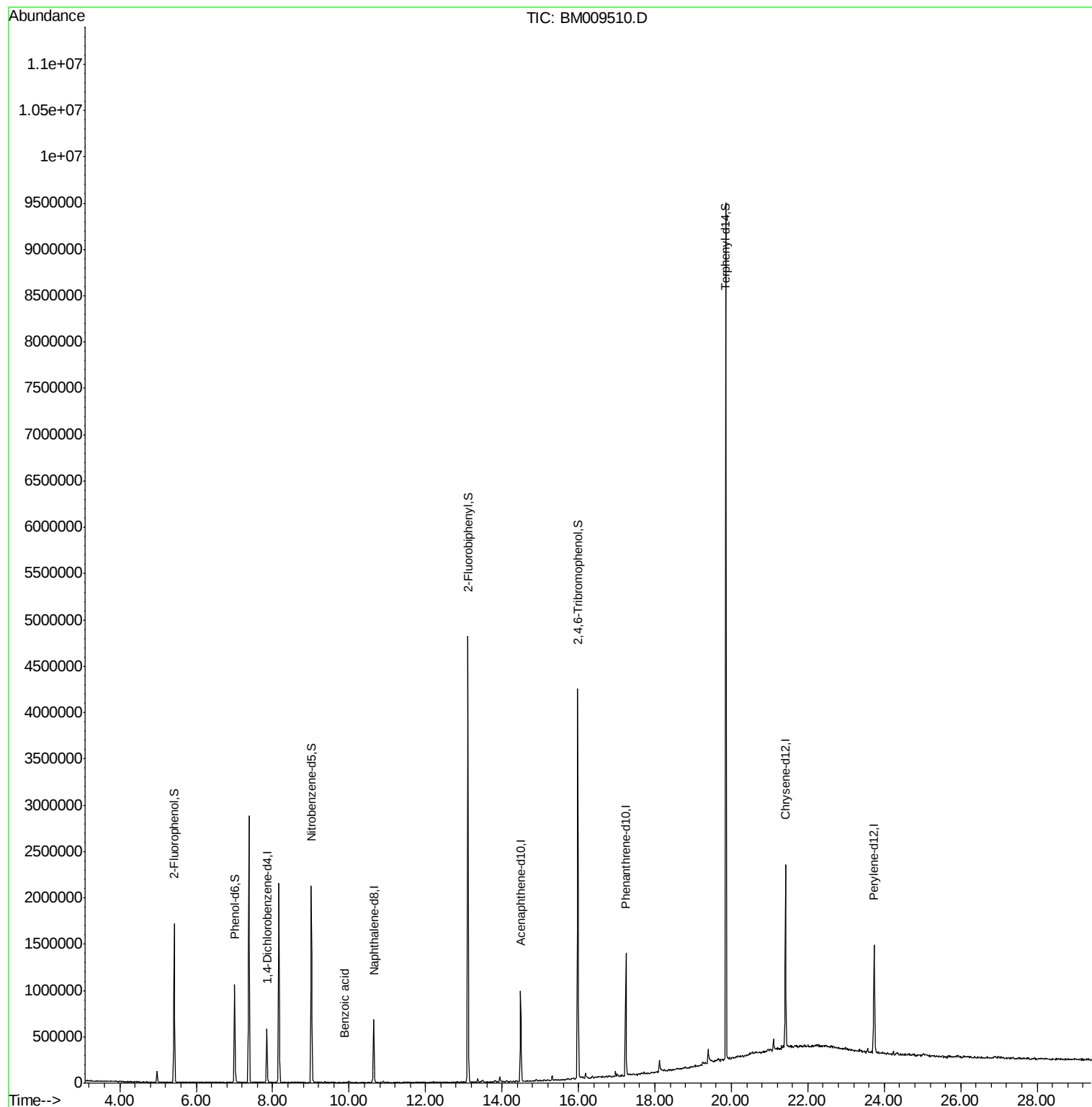
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	134462	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	501252	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	291138	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	713053	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	918958	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						
32) Benzoic acid	9.89	122	108	3.65	ng	Qvalue # 1

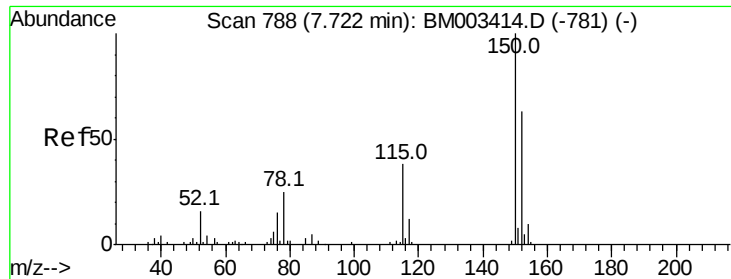
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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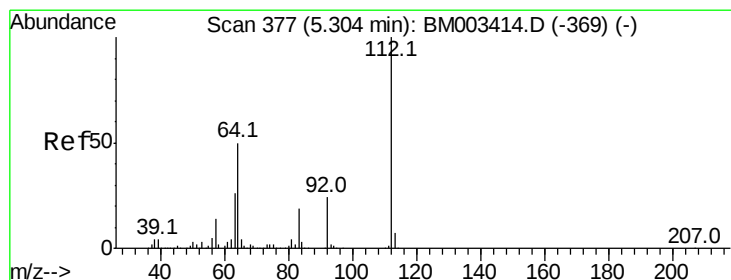
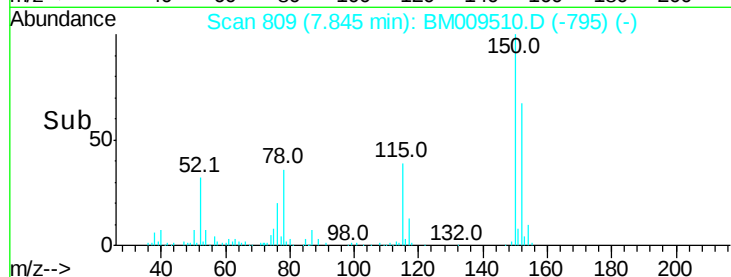
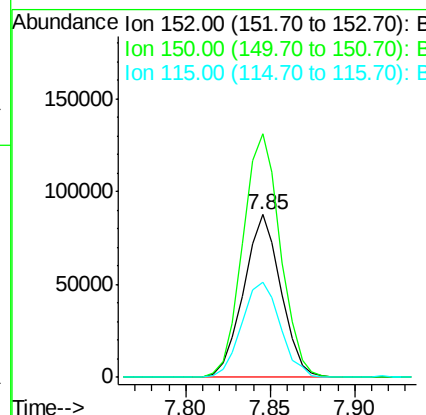
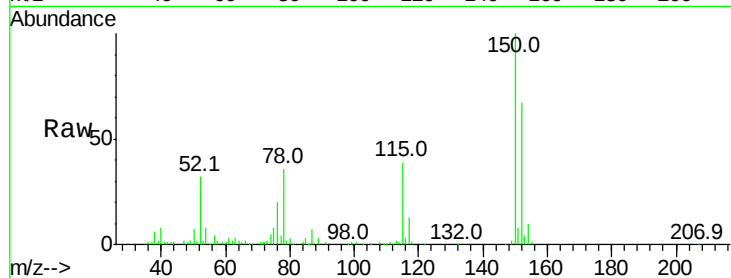


#1

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

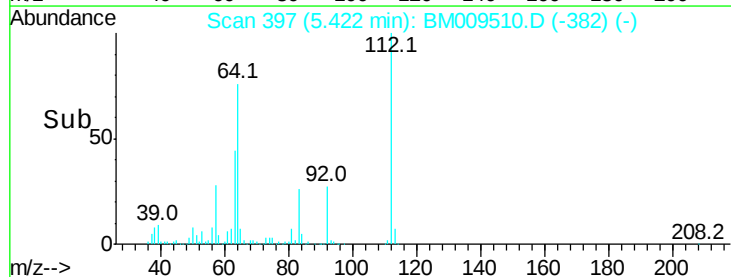
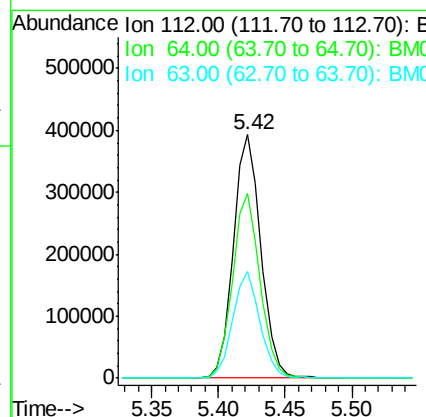
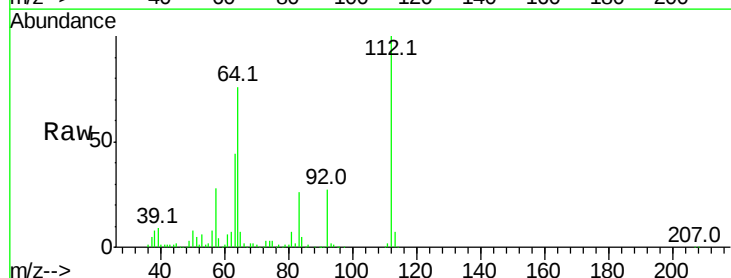
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.5	179.3
115	58.3	43.0	64.4

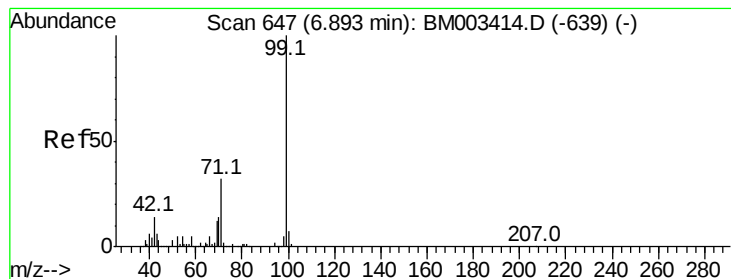


#5

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

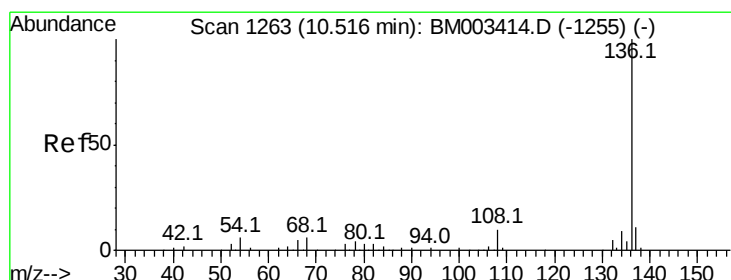
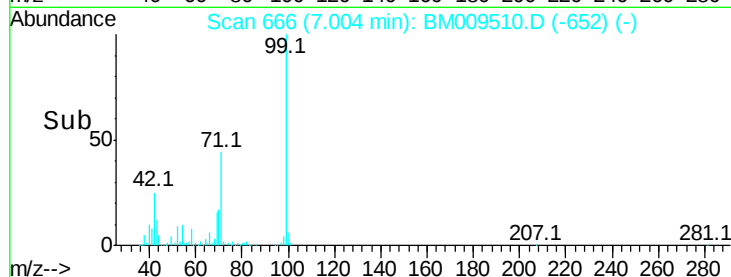
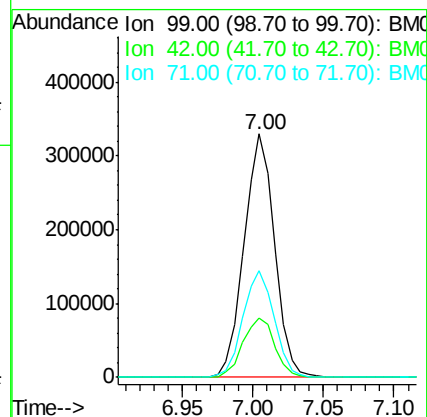
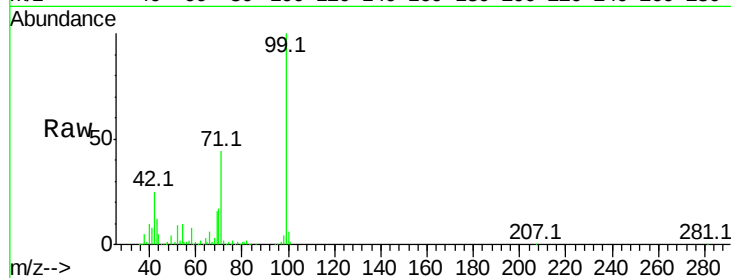
Tot Ion: 99 Resp: 499533

Ion Ratio Lower Upper

99 100

42 24.5 11.0 16.4#

71 43.6 23.4 35.2#



#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

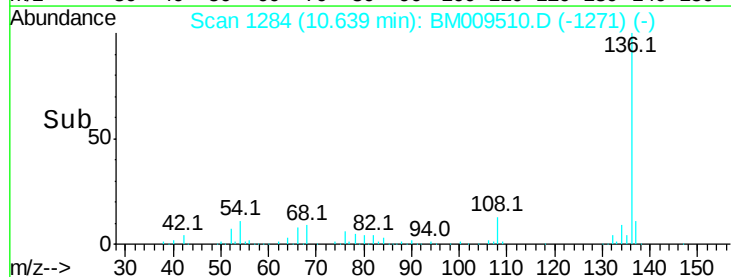
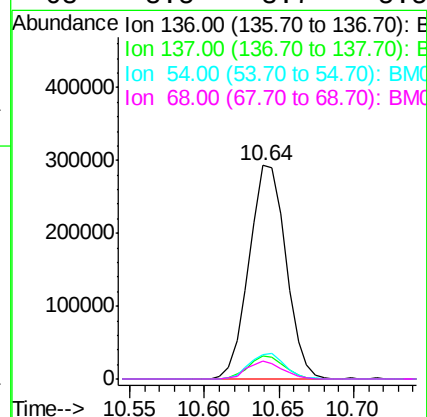
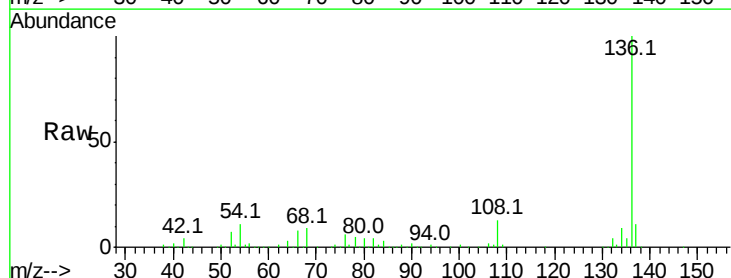
Ion Ratio Lower Upper

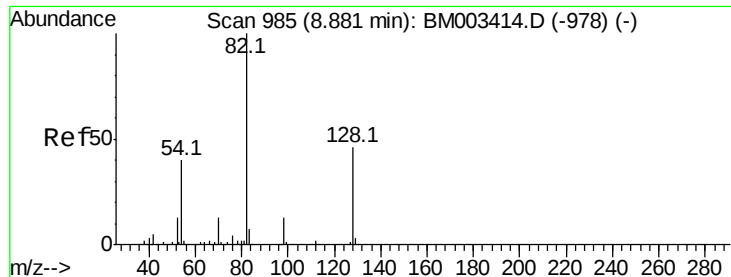
136 100

137 10.7 8.7 13.1

54 11.4 4.6 6.8#

68 8.5 3.7 5.5#

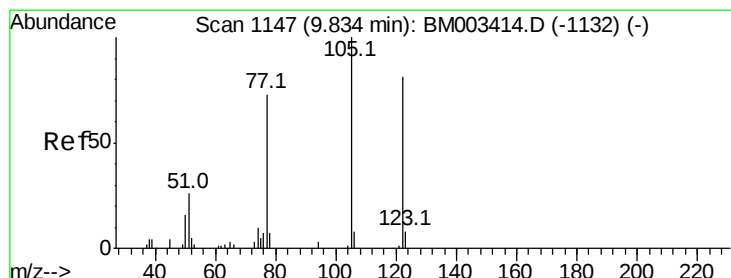
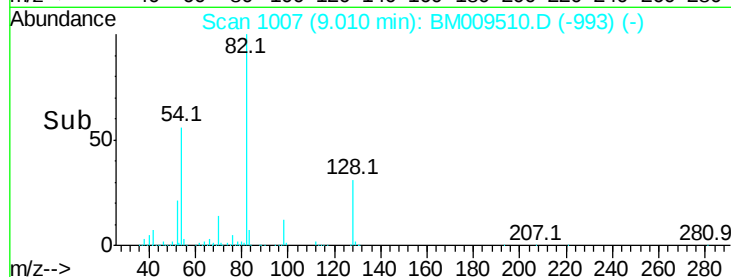
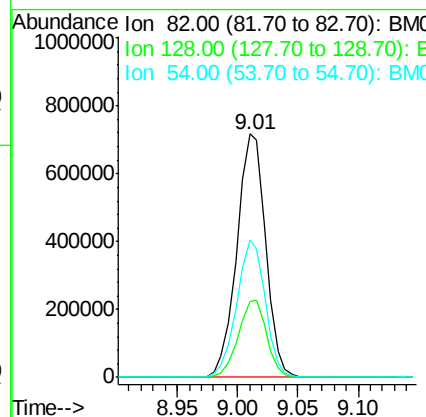
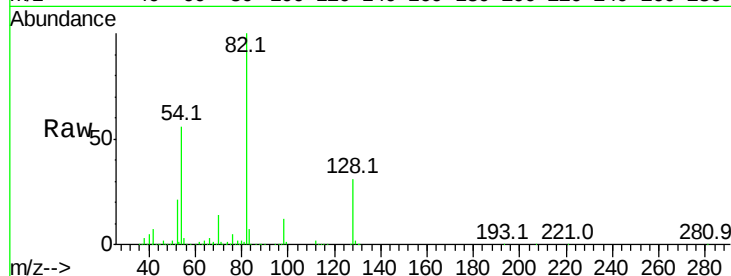




#23
Nitrobenzene-d5
Concen: 89.42 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BM009510.D
Acq: 03 Apr 2017 21:05

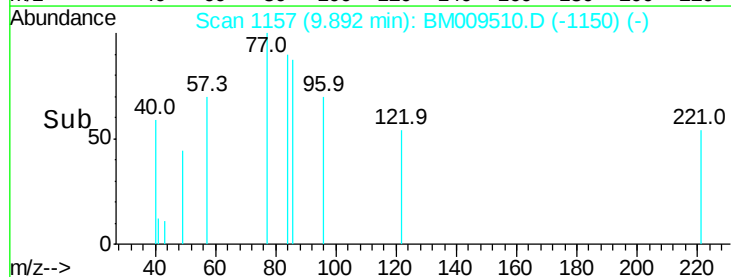
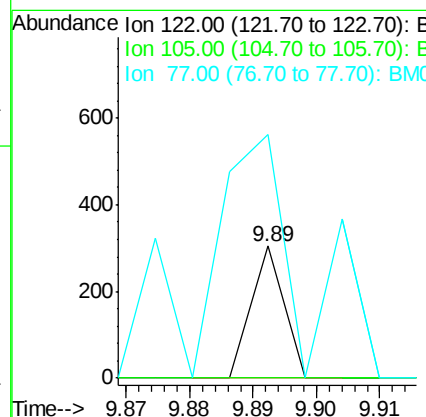
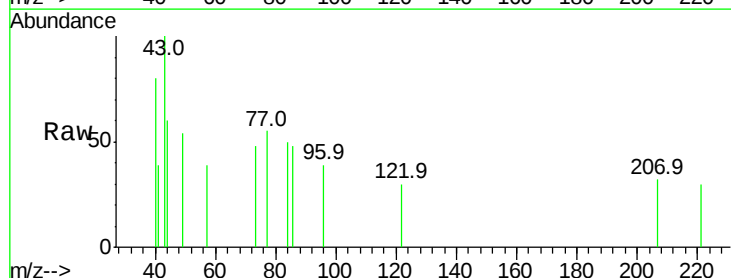
Instrument :
BNA_M
ClientSampleId :
MW18

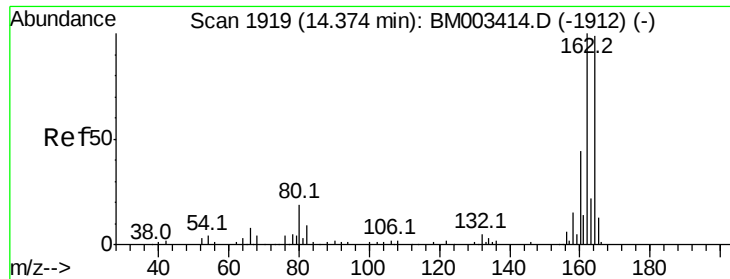
Tot Ion: 82 Resp: 1195393
Ion Ratio Lower Upper
82 100
128 31.2 32.8 49.2#
54 56.5 40.6 60.8



#32
Benzoic acid
Concen: 3.65 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.06 min
Lab File: BM009510.D
Acq: 03 Apr 2017 21:05

Tgt Ion: 122 Resp: 108
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 184.3 73.7 113.7#

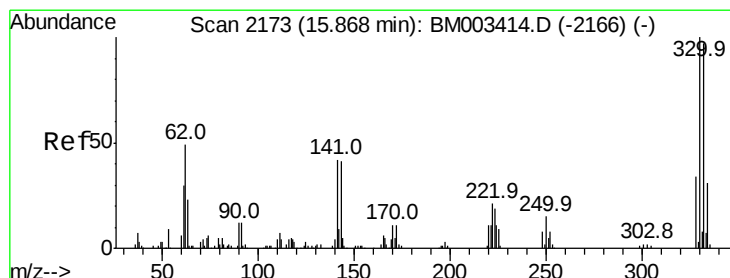
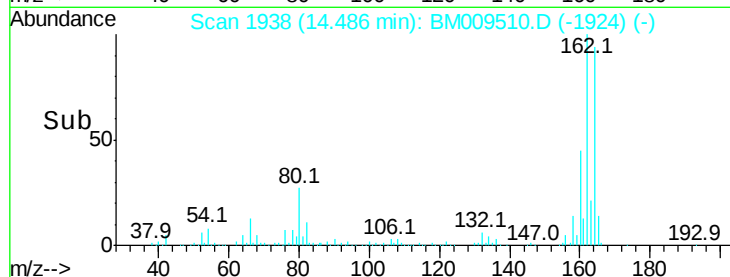
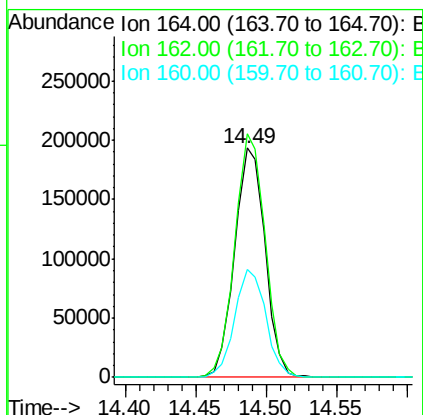
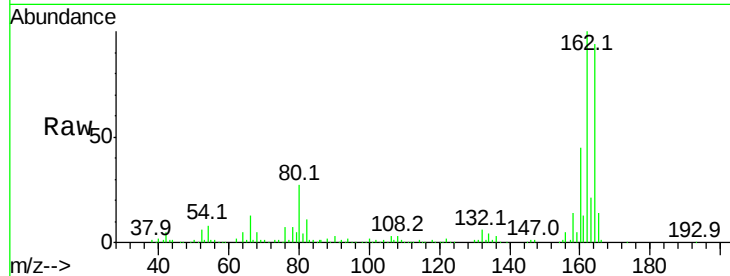




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009510.D
 Acq: 03 Apr 2017 21:05

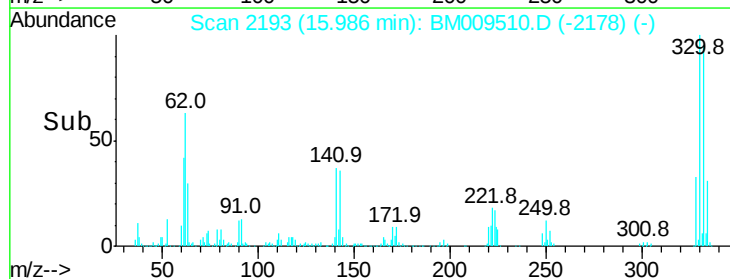
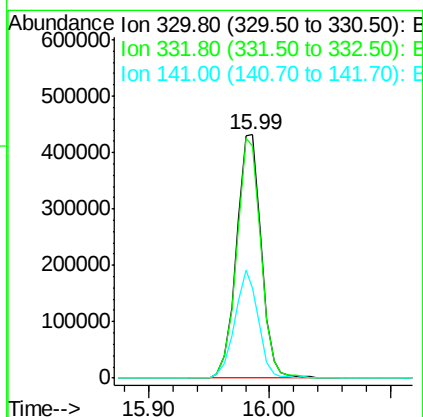
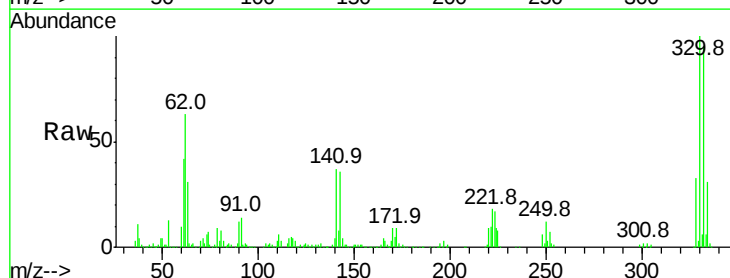
Instrument :
 BNA_M
 ClientSampled :
 MW18

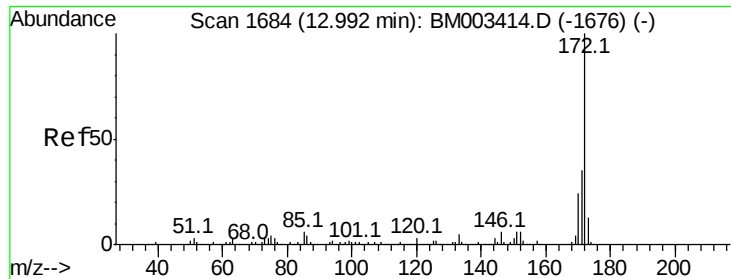
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	47.3	35.8	53.6



#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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	42.1	0.0	0.0#



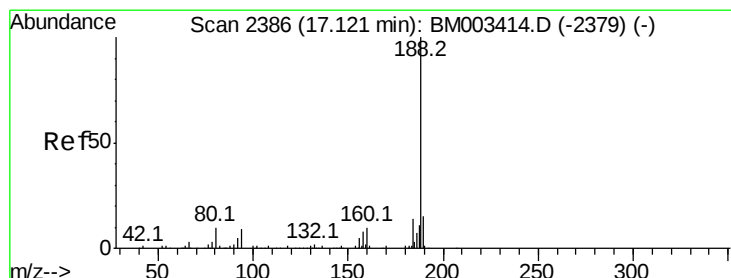
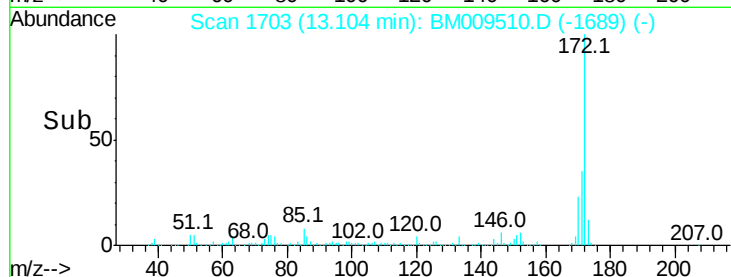
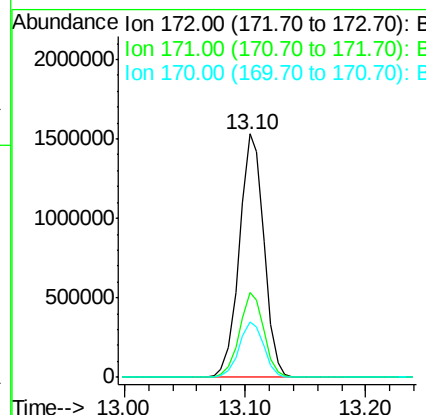
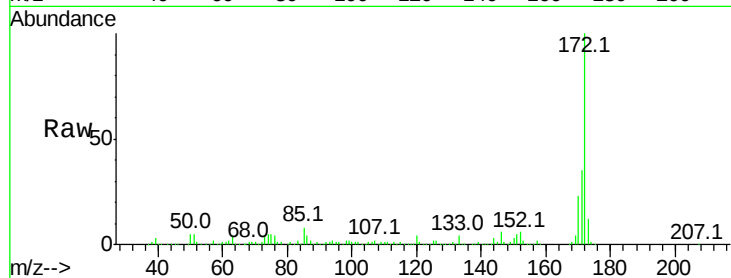


#44
 2-Fluorobiphenyl
 Concen: 89.91 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009510.D
 Acq: 03 Apr 2017 21:05

Instrument :
 BNA_M
 ClientSampleId :
 MW18

Tot Ion:172 Resp: 2172419

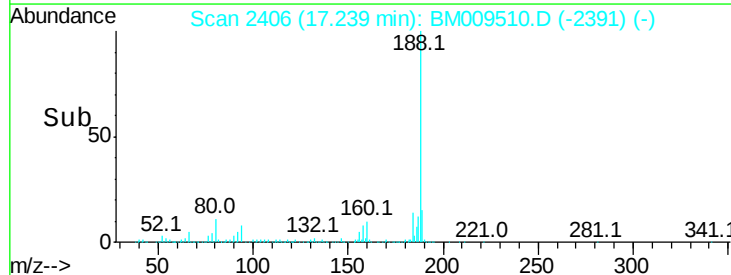
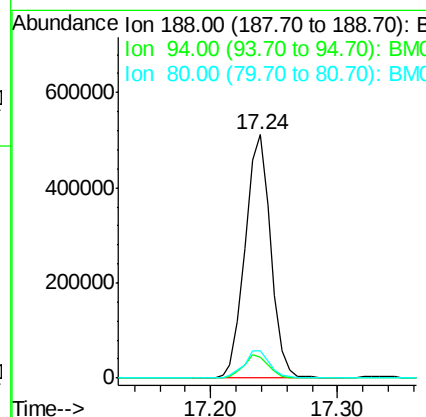
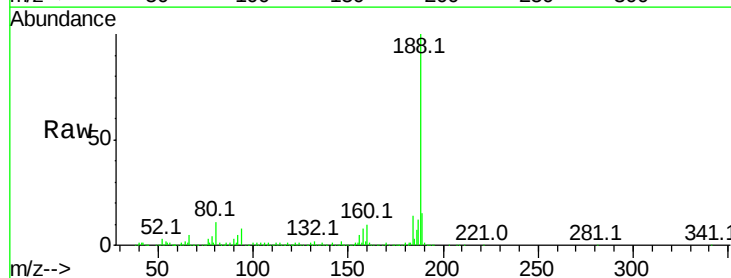
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	22.6	18.8	28.2

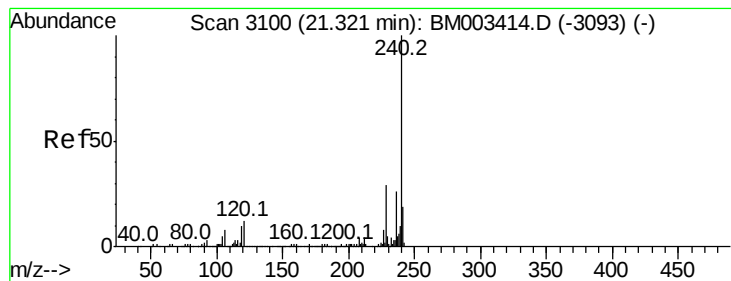


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.24 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM009510.D
 Acq: 03 Apr 2017 21:05

Tgt 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

Instrument :

BNA_M

ClientSampleId :

MW18

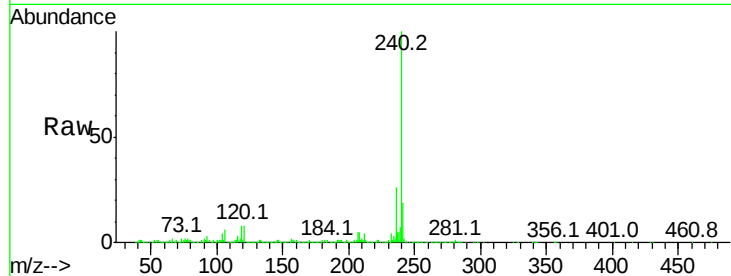
Tot Ion:240 Resp: 918958

Ion Ratio Lower Upper

240 100

120 7.9 8.2 12.2#

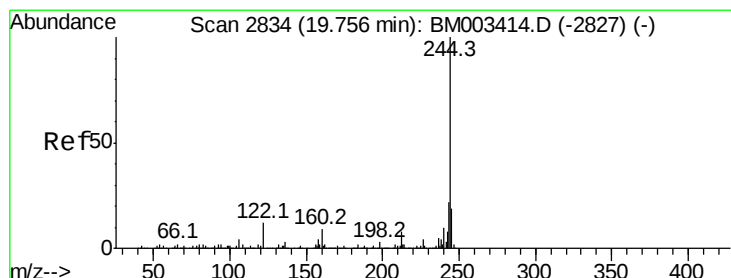
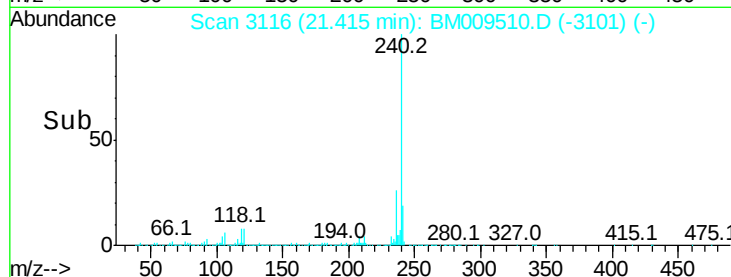
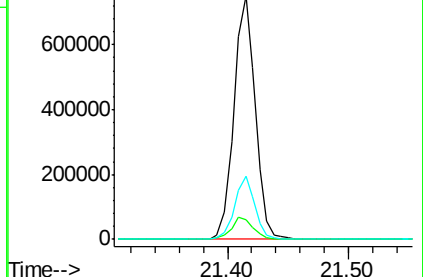
236 25.9 20.0 30.0



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: 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

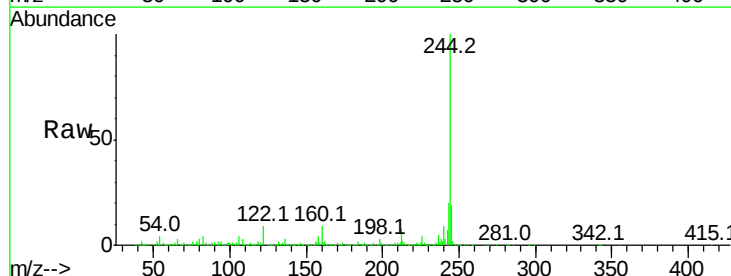
Tgt Ion:244 Resp: 3605024

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

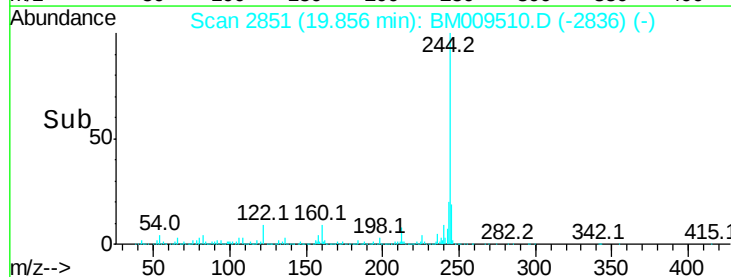
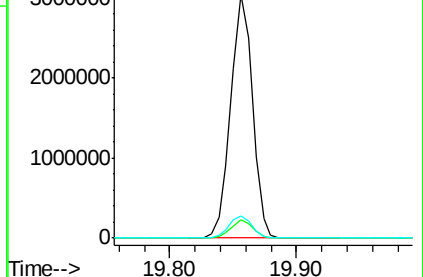
122 8.9 6.2 9.4

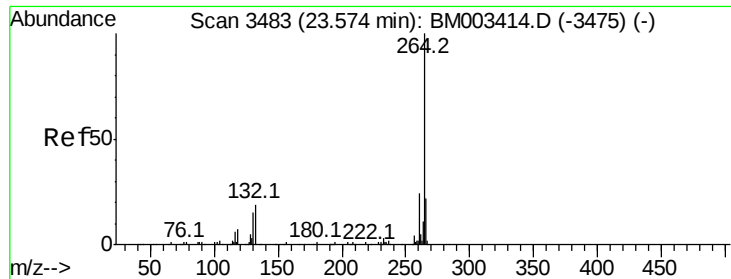


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009510.D
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.6	27.8
265	22.2	17.3	25.9

