

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
 Data File : BM019961.D
 Acq On : 18 Apr 2019 19:43
 Operator : JU/SJ
 Sample : K2408-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 19 00:42:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

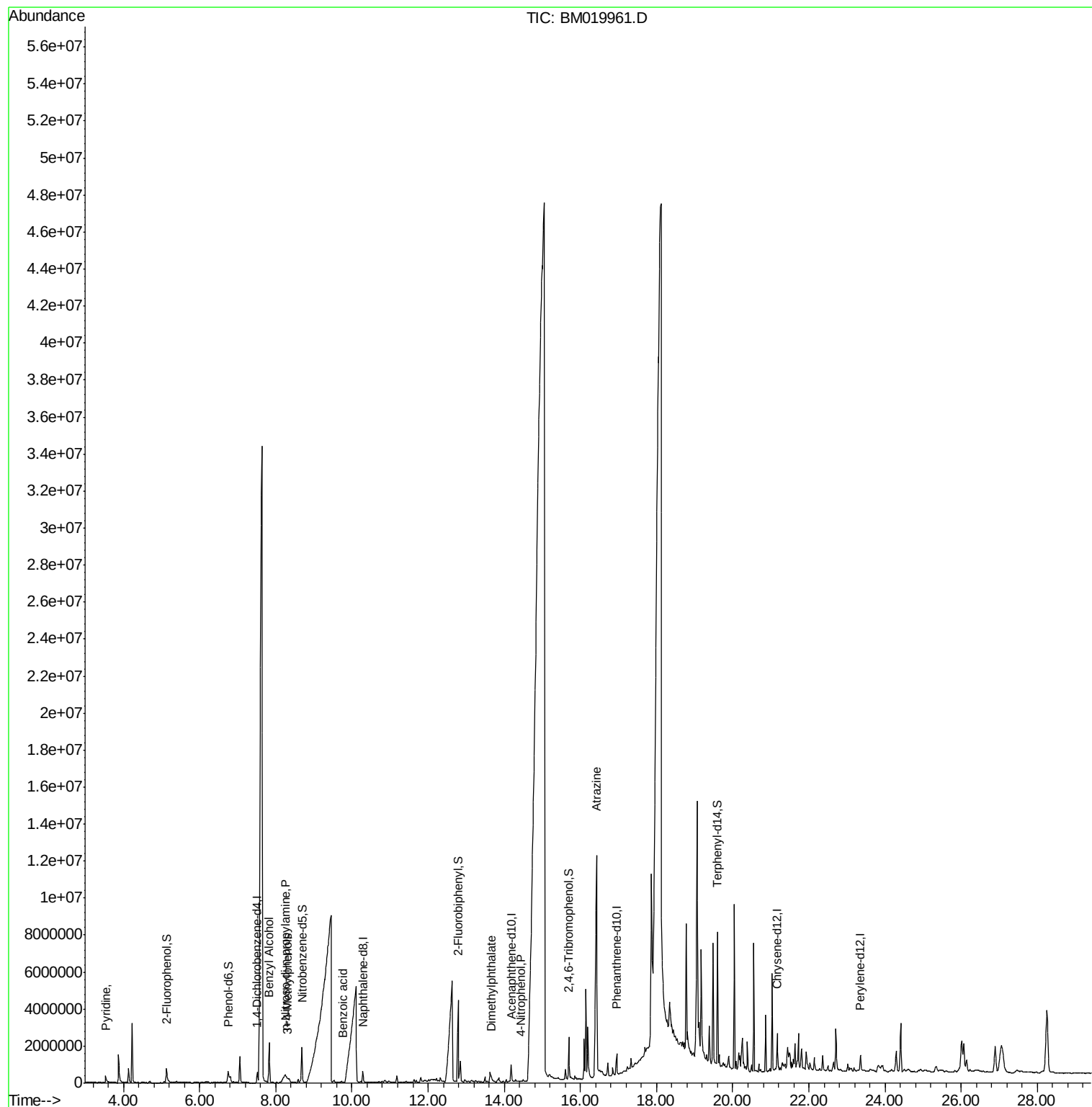
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	119513	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	468369	20.00	ng	-0.02
39) Acenaphthene-d10	14.18	164	267802	20.00	ng	-0.02
64) Phenanthrene-d10	16.95	188	593794	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	551026	20.00	ng	-0.01
87) Perylene-d12	23.35	264	620106	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	331525	44.96	ng	-0.01
7) Phenol-d6	6.75	99	271750	24.49	ng	0.02
23) Nitrobenzene-d5	8.69	82	998862	95.37	ng	-0.02
42) 2,4,6-Tribromophenol	15.70	330	388582	90.14	ng	-0.01
45) 2-Fluorobiphenyl	12.79	172	2039979	94.93	ng	-0.02
79) Terphenyl-d14	19.60	244	2915856	93.34	ng	-0.01
Target Compounds						
3) Pyridine	3.54	79	162677	18.253	ng	# 1
15) Benzyl Alcohol	7.83	79	22840	2.264	ng	# 52
19) n-Nitroso-di-n-propylamine	8.25	70	36239	3.715	ng	# 58
20) 3+4-Methylphenols	8.32	107	22064	2.001	ng	# 83
32) Benzoic acid	9.76	122	1566	5.301	ng	# 26
50) Dimethylphthalate	13.66	163	121209	5.131	ng	98
56) 4-Nitrophenol	14.43	139	120	5.887	ng	# 62
69) Atrazine	16.43	200	24487	3.716	ng	# 48

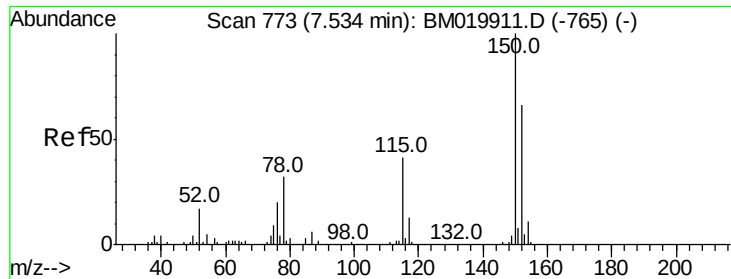
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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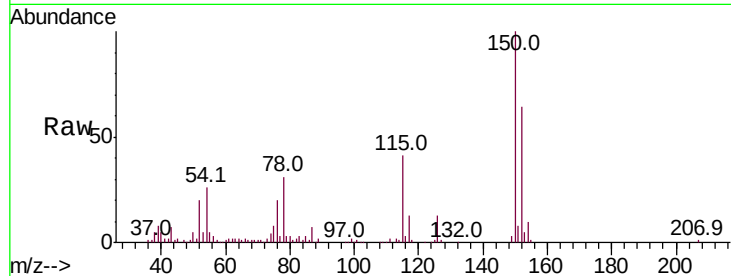


#1

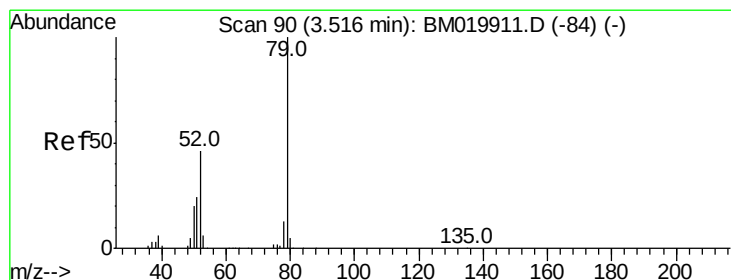
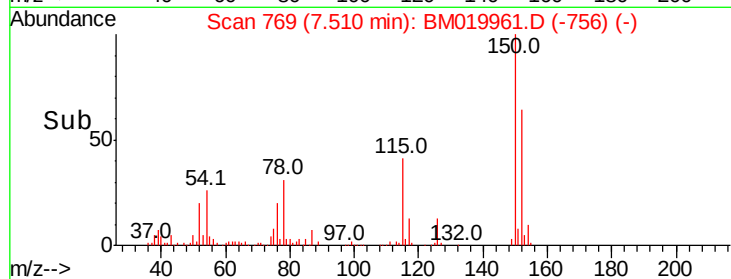
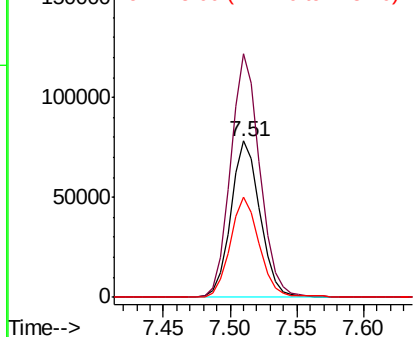
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 119513
Ion Ratio Lower Upper
152 100
150 155.6 122.1 183.1
115 64.4 50.0 75.0



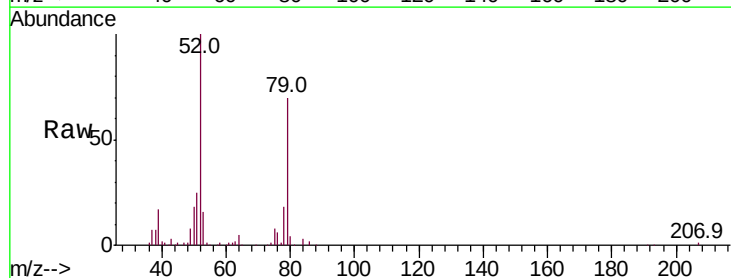
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



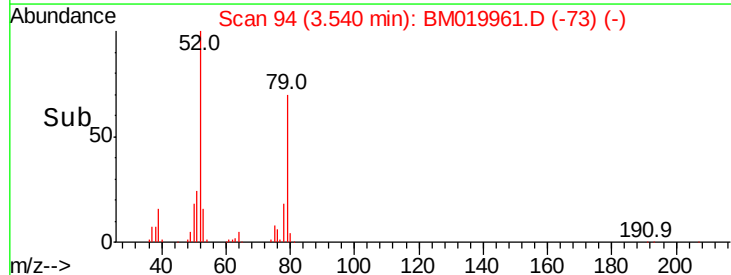
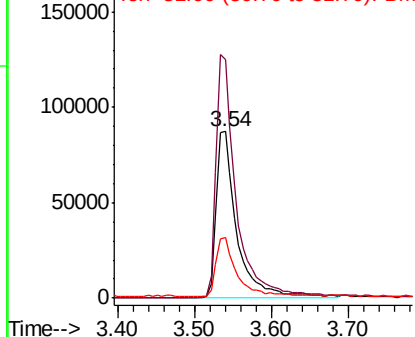
#3

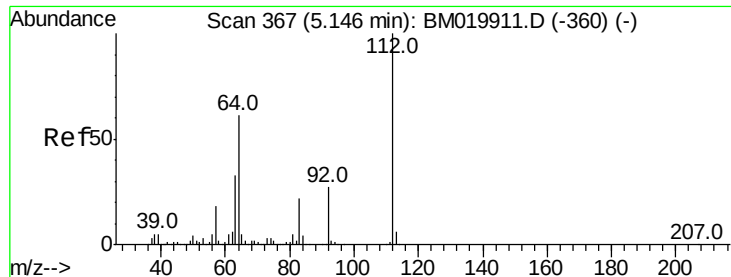
Pyridine
Concen: 18.253 ng
RT: 3.54 min Scan# 94
Delta R.T. 0.02 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

Tgt Ion: 79 Resp: 162677
Ion Ratio Lower Upper
79 100
52 143.4 36.9 55.3#
51 36.3 20.0 30.0#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#5

2-Fluorophenol

Concen: 44.956 ng

RT: 5.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: BM019961.D

Acq: 18 Apr 2019 19:43

Instrument :

BNA_M

ClientSampleId :

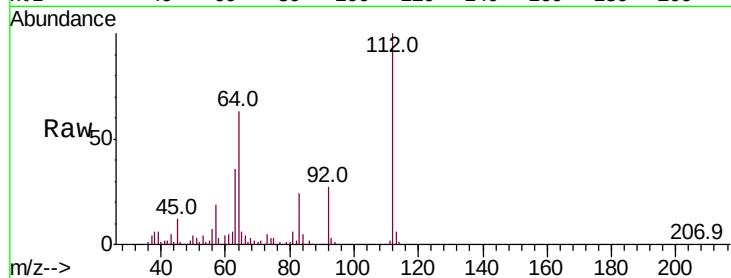
Tot Ion:112 Resp: 331525

Ion Ratio Lower Upper

112 100

64 62.5 49.1 73.7

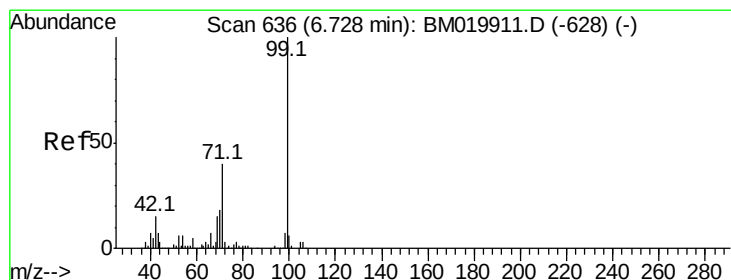
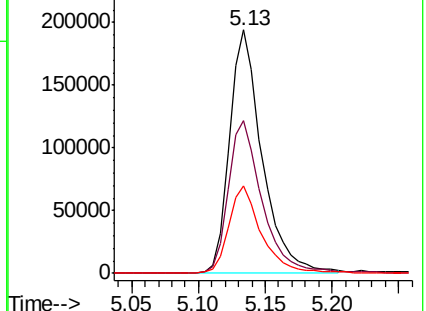
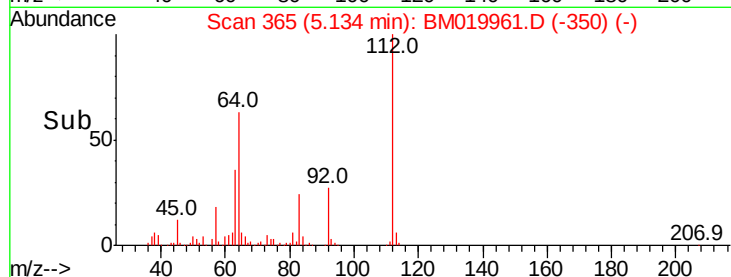
63 35.9 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 24.486 ng

RT: 6.75 min Scan# 640

Delta R.T. 0.02 min

Lab File: BM019961.D

Acq: 18 Apr 2019 19:43

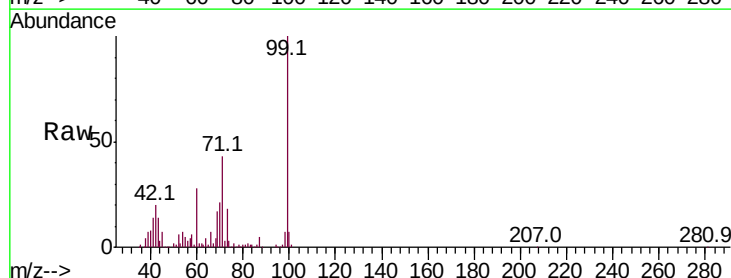
Tgt Ion: 99 Resp: 271750

Ion Ratio Lower Upper

99 100

42 19.9 11.8 17.8#

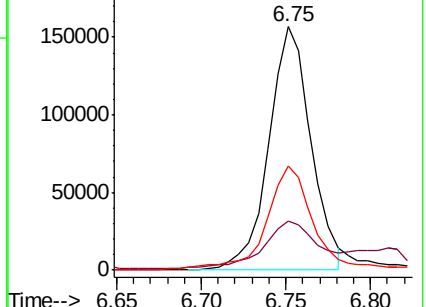
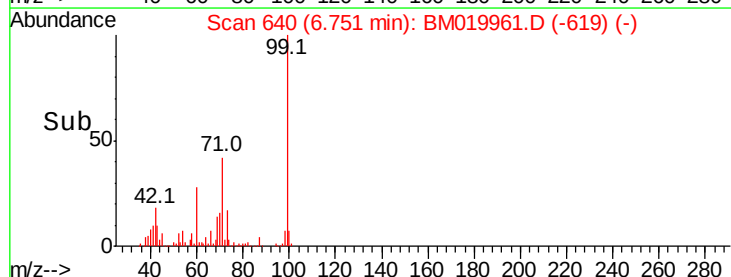
71 42.9 32.0 48.0

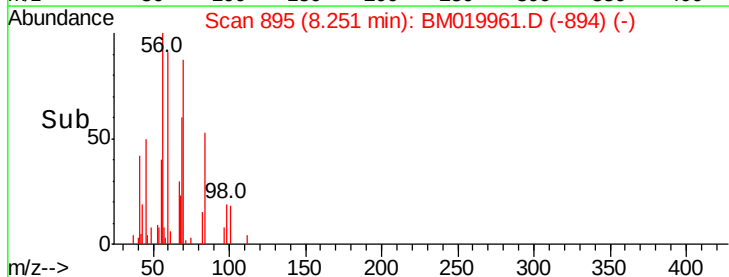
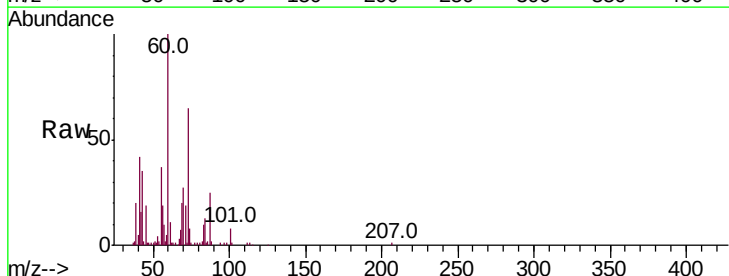
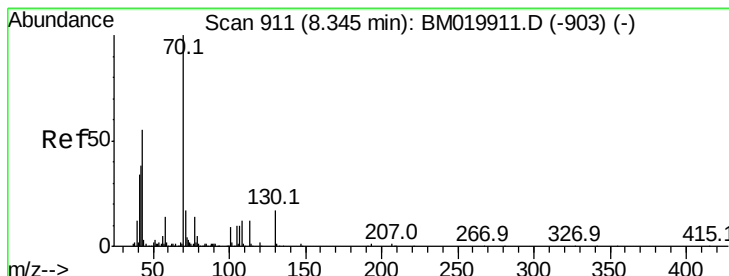
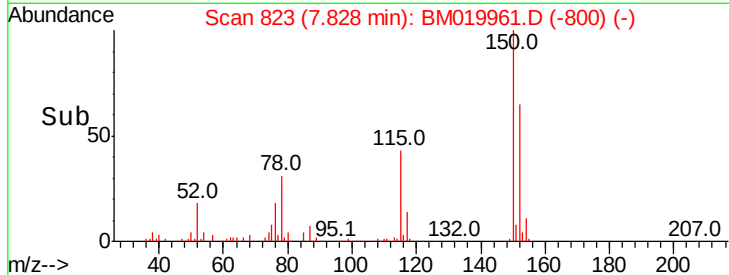
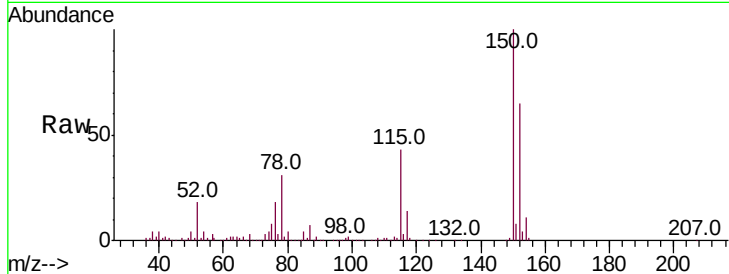
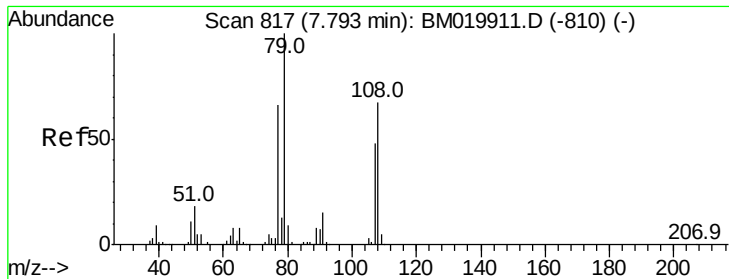


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#15

Benzyl Alcohol

Concen: 2.264 ng

RT: 7.83 min Scan# 823

Delta R.T. 0.04 min

Lab File: BM019961.D

Acq: 18 Apr 2019 19:43

Instrument :

BNA_M

ClientSampleId :

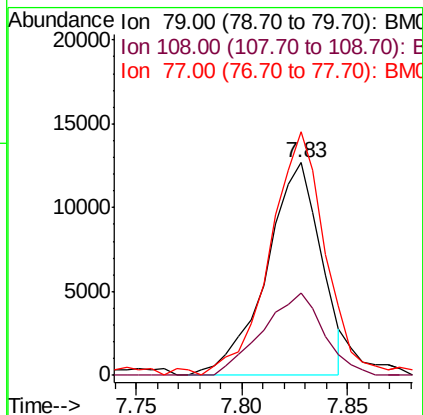
Tot Ion: 79 Resp: 22840

Ion Ratio Lower Upper

79 100

108 39.0 53.9 80.9#

77 114.5 53.1 79.7#



#19

n-Nitroso-di-n-propylamine

Concen: 3.715 ng

RT: 8.25 min Scan# 895

Delta R.T. -0.09 min

Lab File: BM019961.D

Acq: 18 Apr 2019 19:43

Tgt Ion: 70 Resp: 36239

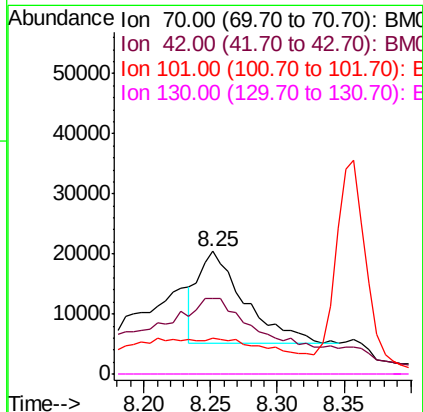
Ion Ratio Lower Upper

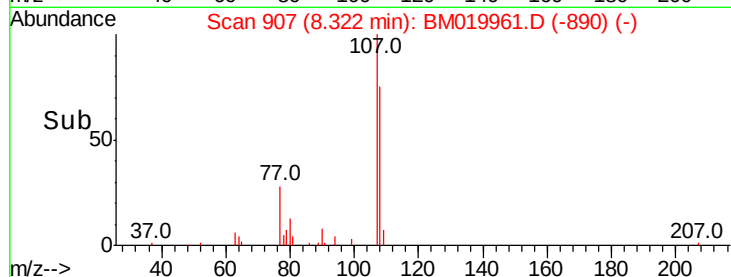
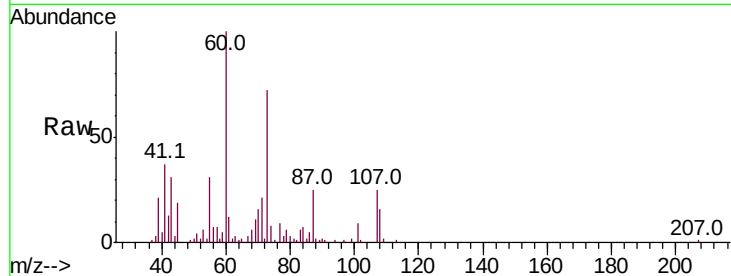
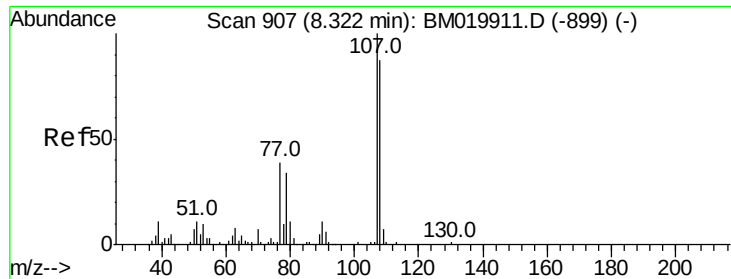
70 100

42 61.9 30.3 45.5#

101 28.8 6.9 10.3#

130 0.0 13.8 20.6#

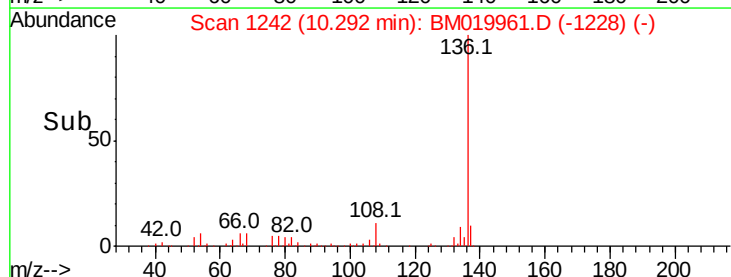
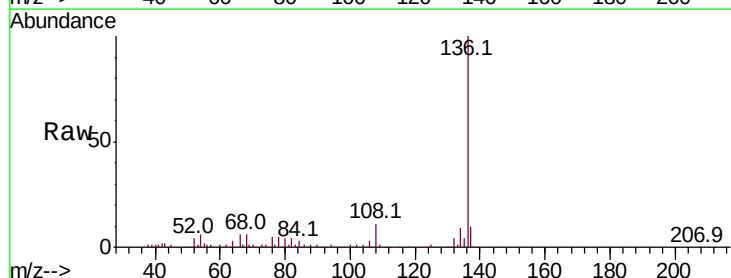
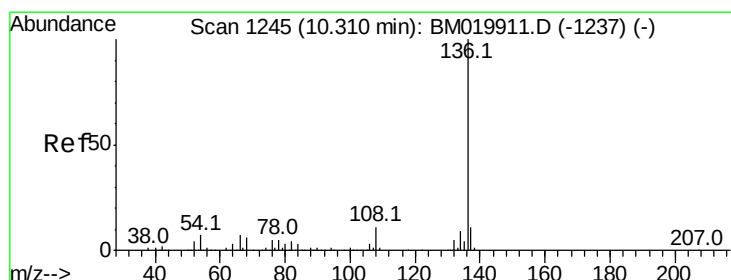
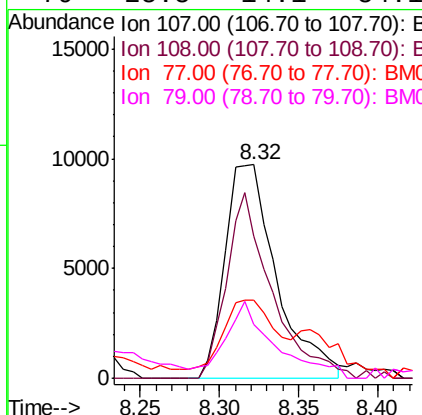




#20
3+4-Methylphenols
Concen: 2.001 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

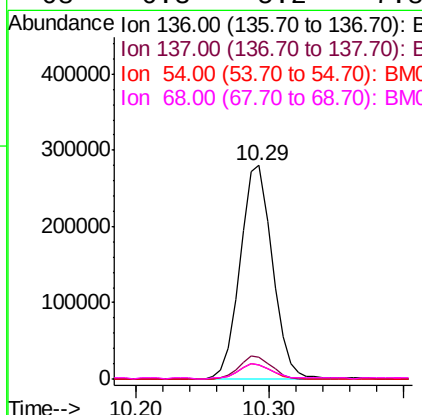
Instrument :
BNA_M
ClientSampleId :

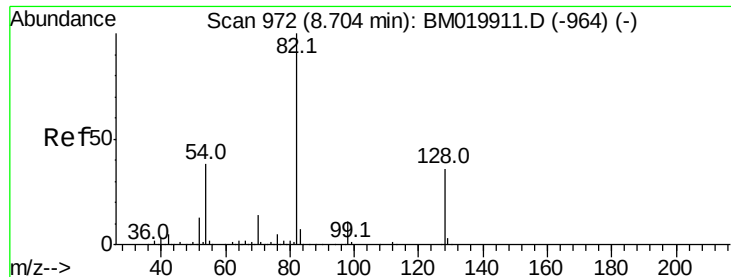
Tot Ion:	107	Resp:	22064
Ion	Ratio	Lower	Upper
107	100		
108	66.8	67.4	107.4#
77	36.3	19.7	59.7
79	25.5	14.1	54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

Tgt Ion:	136	Resp:	468369
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	6.4	5.3	7.9
68	6.3	5.2	7.8

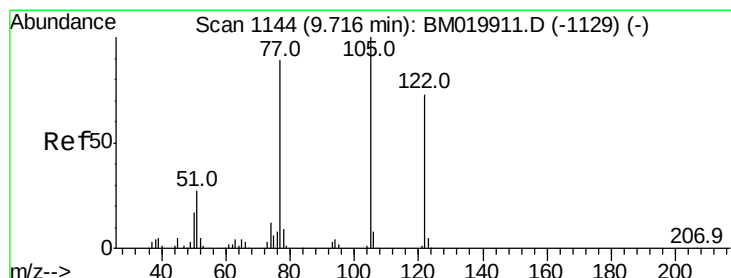
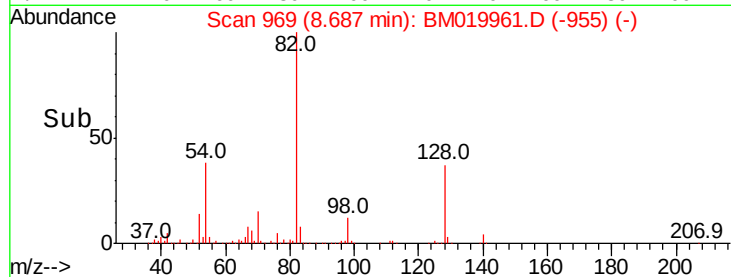
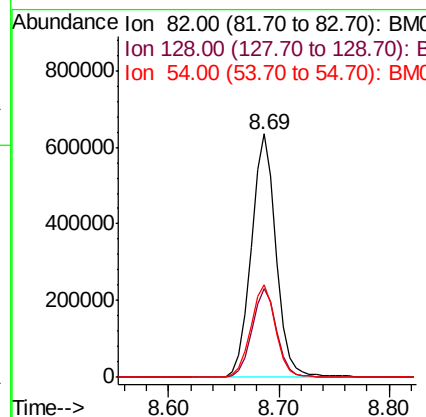
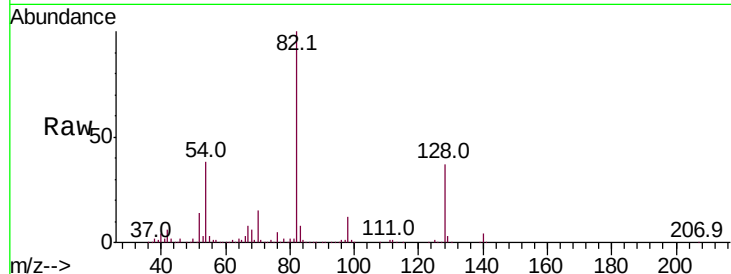




#23
 Nitrobenzene-d5
 Concen: 95.374 ng
 RT: 8.69 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BM019961.D
 Acq: 18 Apr 2019 19:43

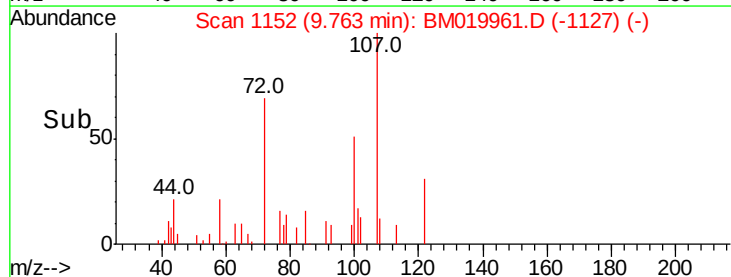
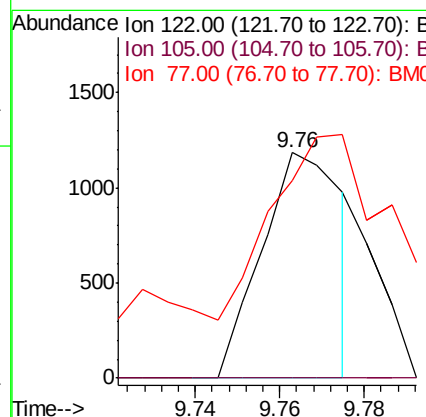
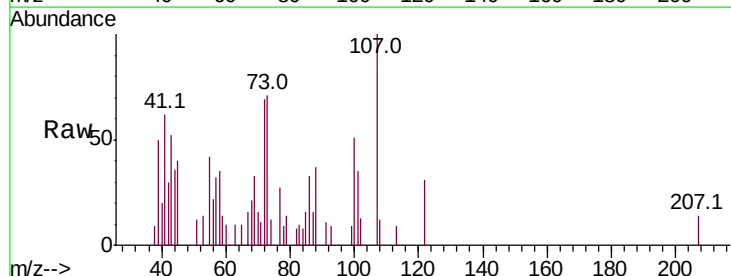
Instrument :
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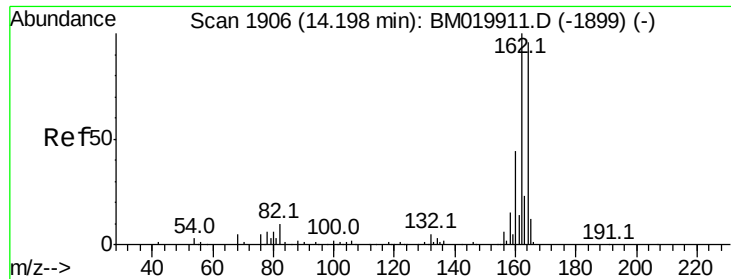
Tot Ion: 82 Resp: 998862
 Ion Ratio Lower Upper
 82 100
 128 36.5 29.0 43.4
 54 37.8 30.2 45.4



#32
 Benzoic acid
 Concen: 5.301 ng
 RT: 9.76 min Scan# 1152
 Delta R.T. 0.05 min
 Lab File: BM019961.D
 Acq: 18 Apr 2019 19:43

Tgt Ion: 122 Resp: 1566
 Ion Ratio Lower Upper
 122 100
 105 0.0 114.8 154.8#
 77 87.4 100.2 140.2#

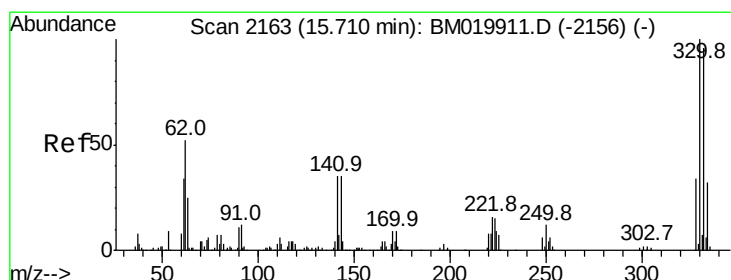
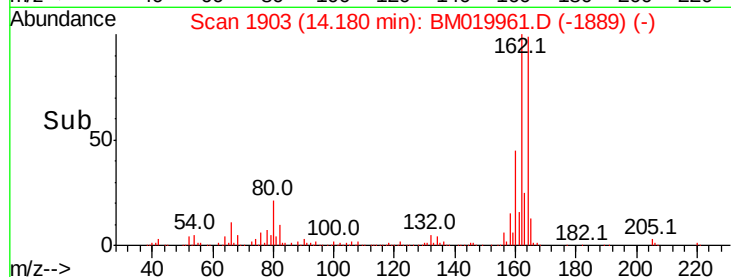
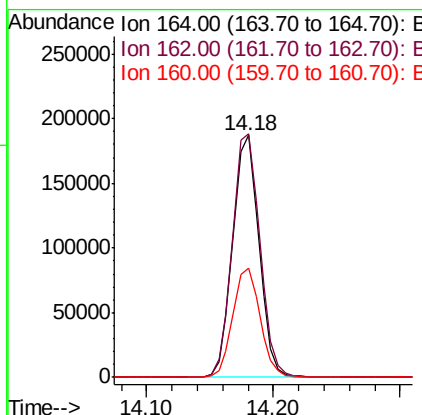
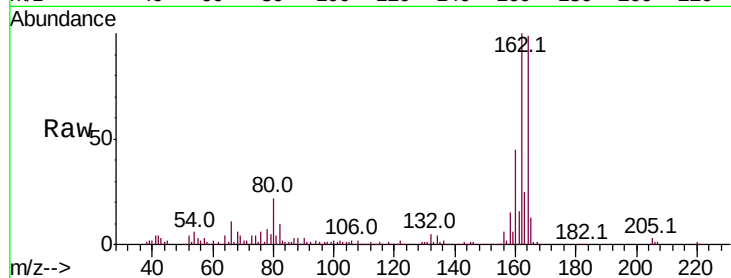




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

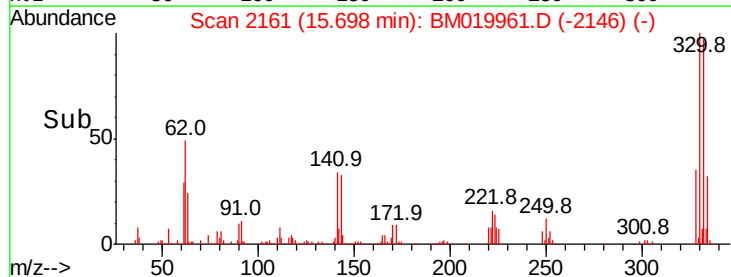
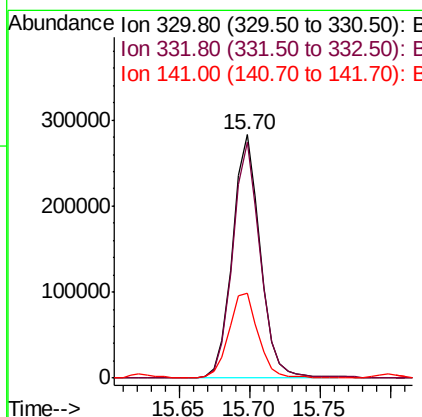
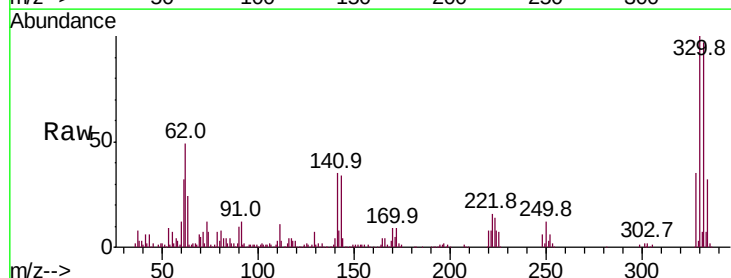
Instrument :
BNA_M
ClientSampleId :

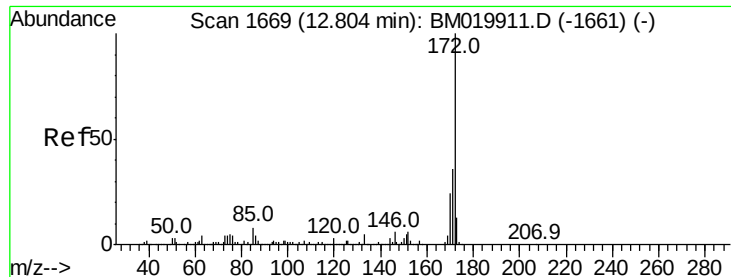
Tot Ion:164 Resp: 267802
Ion Ratio Lower Upper
164 100
162 100.6 83.0 124.4
160 45.1 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 90.140 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

Tgt Ion:330 Resp: 388582
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 37.1 29.0 43.4

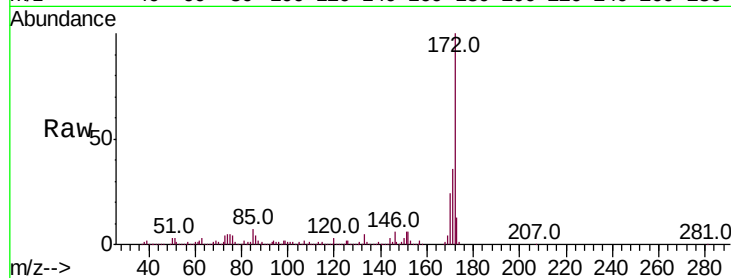




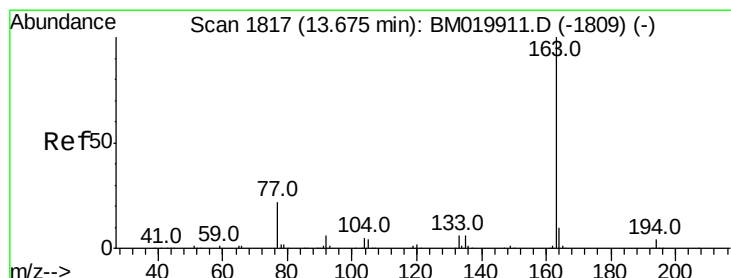
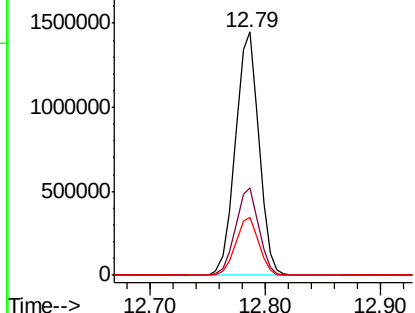
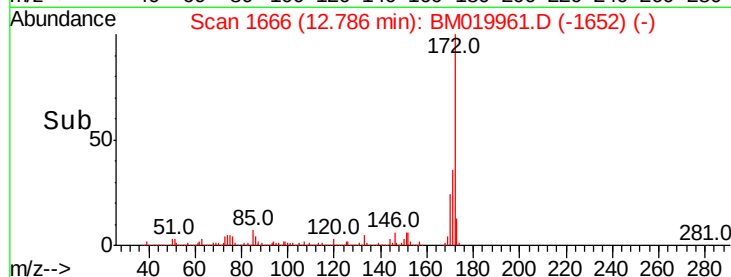
#45
2-Fluorobiphenyl
Concen: 94.932 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 2039979
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 24.0 19.0 28.4

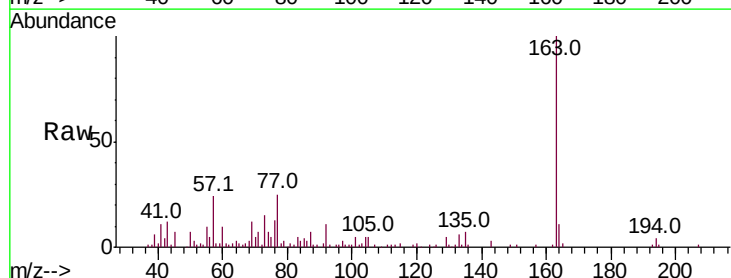


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

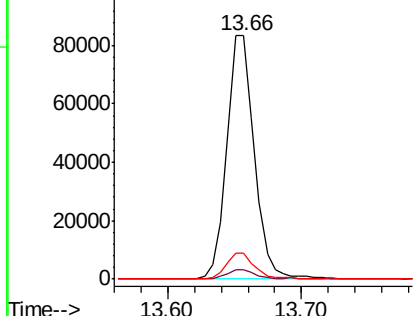
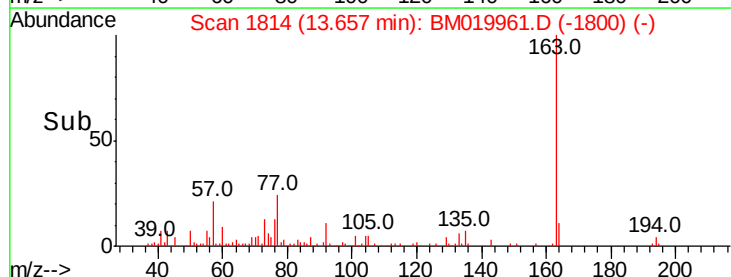


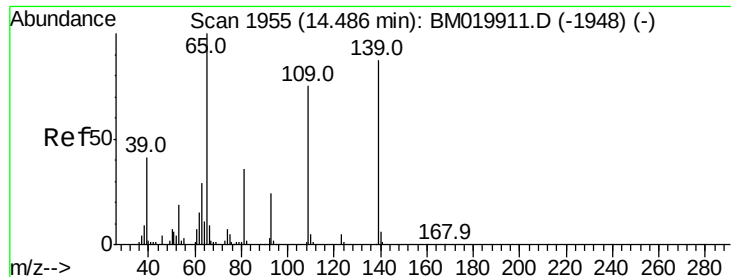
#50
Dimethylphthalate
Concen: 5.131 ng
RT: 13.66 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

Tgt Ion:163 Resp: 121209
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.7 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
100000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

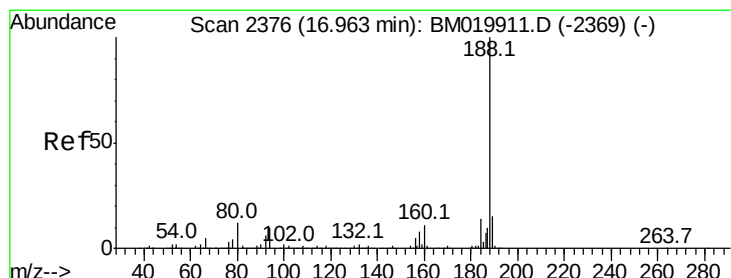
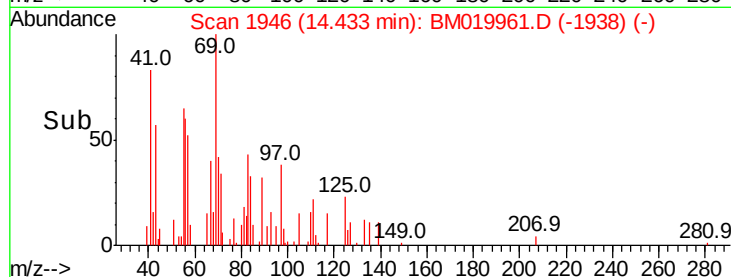
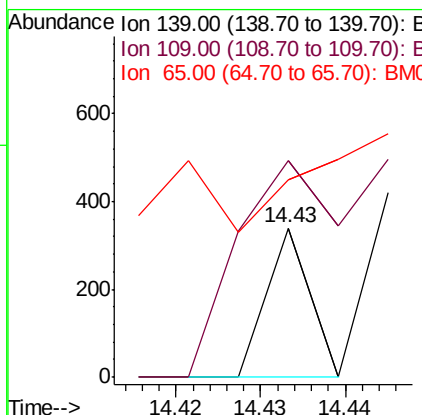
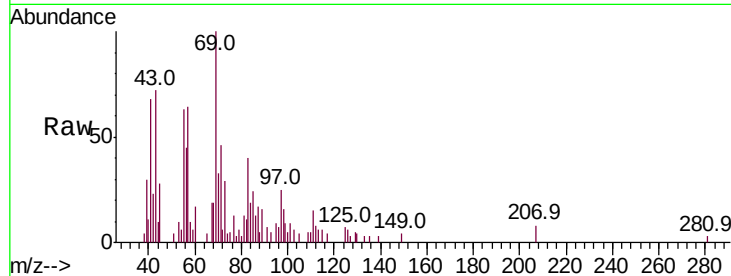




#56
4-Nitrophenol
Concen: 5.887 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.05 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

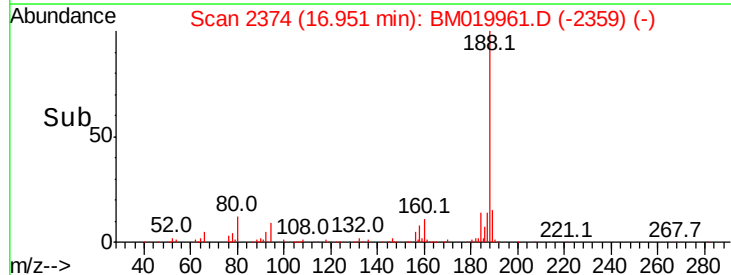
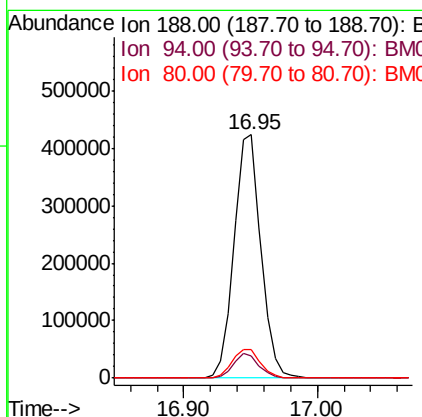
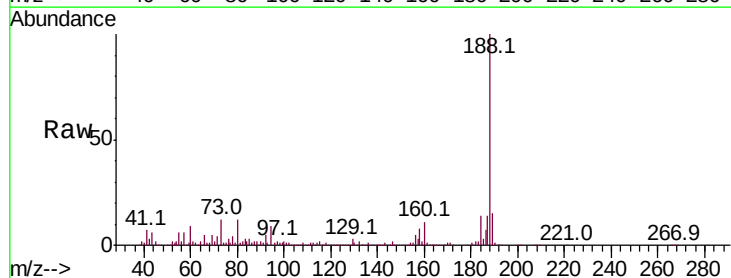
Instrument :
BNA_M
ClientSampleId :

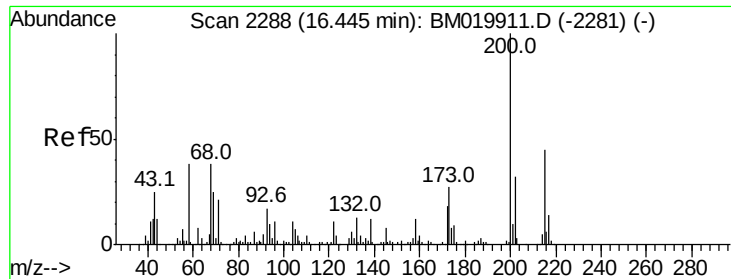
Tot Ion:139 Resp: 120
Ion Ratio Lower Upper
139 100
109 145.7 65.3 105.3#
65 132.7 94.9 134.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM019961.D
Acq: 18 Apr 2019 19:43

Tgt Ion:188 Resp: 593794
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 11.8 9.4 14.0





#69

Atrazine

Concen: 3.716 ng

RT: 16.43 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BM019961.D

Acq: 18 Apr 2019 19:43

Instrument :

BNA_M

ClientSampleId :

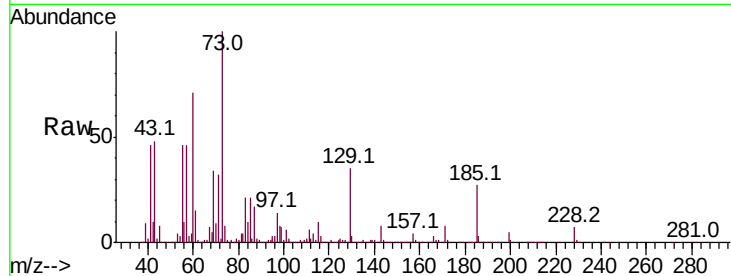
Tot Ion:200 Resp: 24487

Ion Ratio Lower Upper

200 100

173 15.4 7.2 47.2

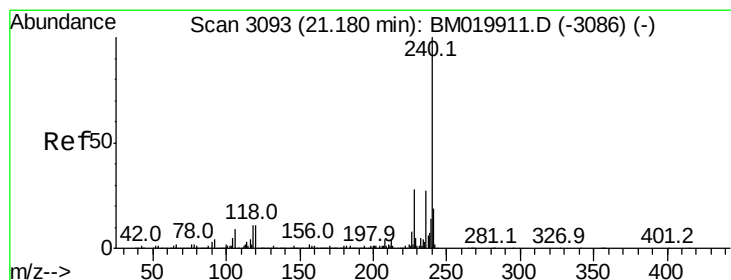
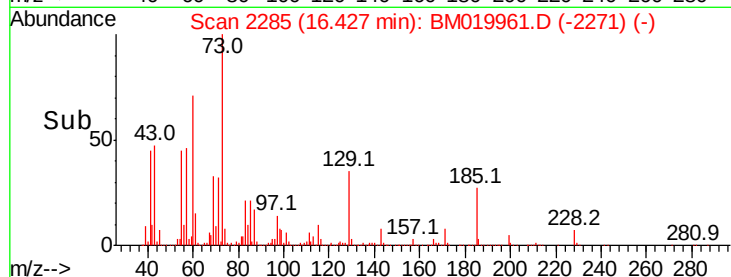
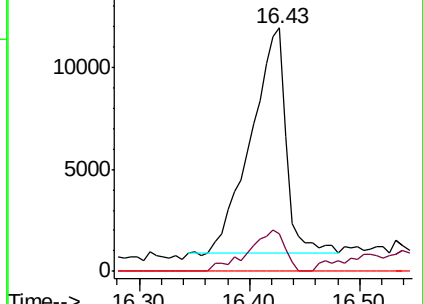
215 0.0 25.4 65.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019961.D

Acq: 18 Apr 2019 19:43

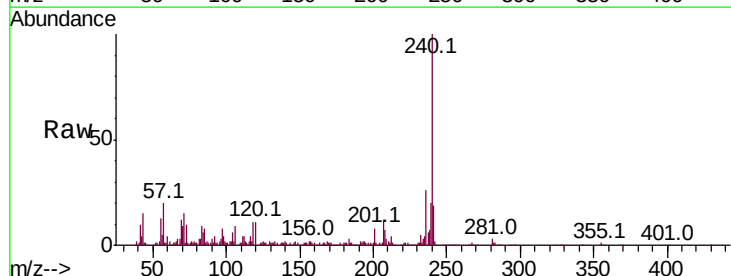
Tgt Ion:240 Resp: 551026

Ion Ratio Lower Upper

240 100

120 11.3 8.6 13.0

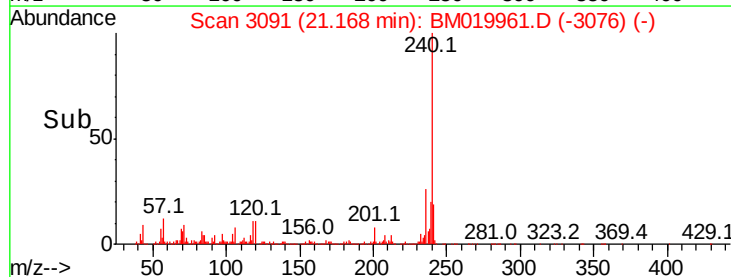
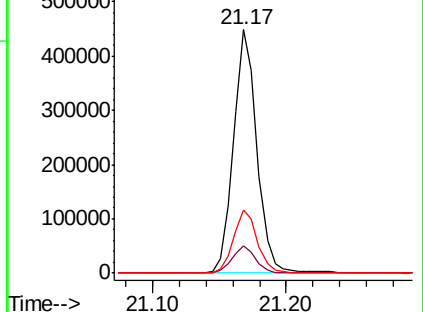
236 25.7 21.4 32.2

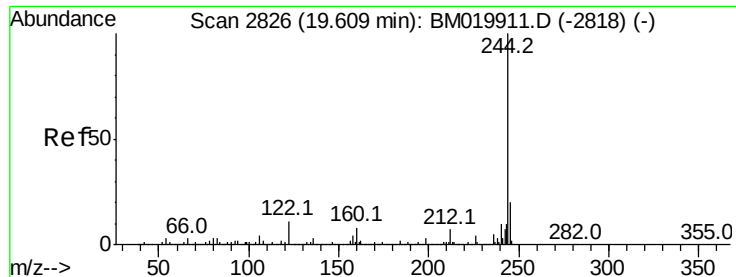


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

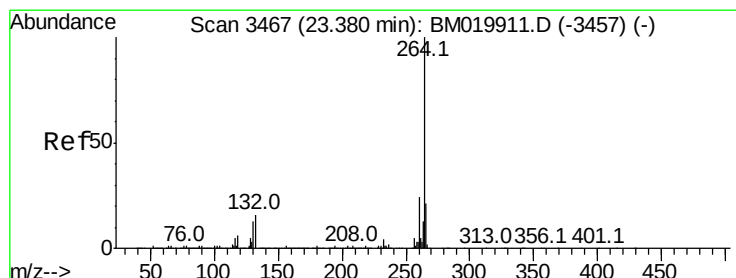
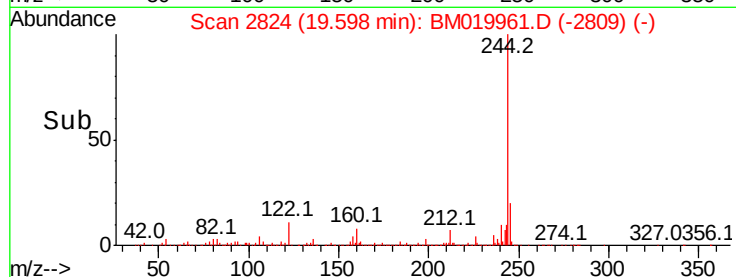
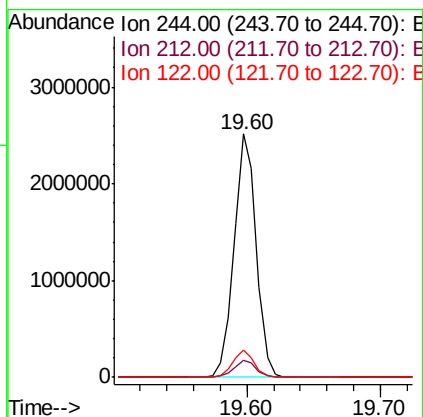
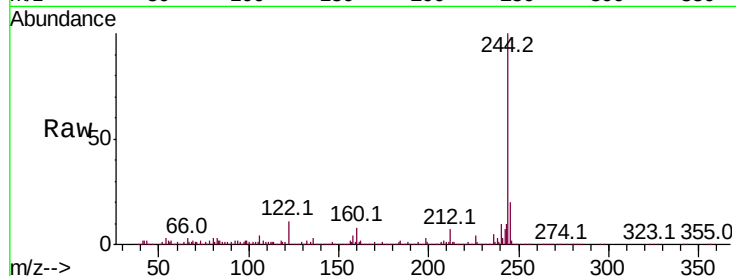




#79
 Terphenyl-d14
 Concen: 93.336 ng
 RT: 19.60 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM019961.D
 Acq: 18 Apr 2019 19:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 2915856
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.1 9.1 13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.35 min Scan# 3462
 Delta R.T. -0.03 min
 Lab File: BM019961.D
 Acq: 18 Apr 2019 19:43

Tgt Ion:264 Resp: 620106
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.6 17.2 25.8

