

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062219\
 Data File : BM021094.D
 Acq On : 22 Jun 2019 10:46
 Operator : HP/JU
 Sample : K3309-02DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW001-190610DL

Quant Time: Jun 24 05:41:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

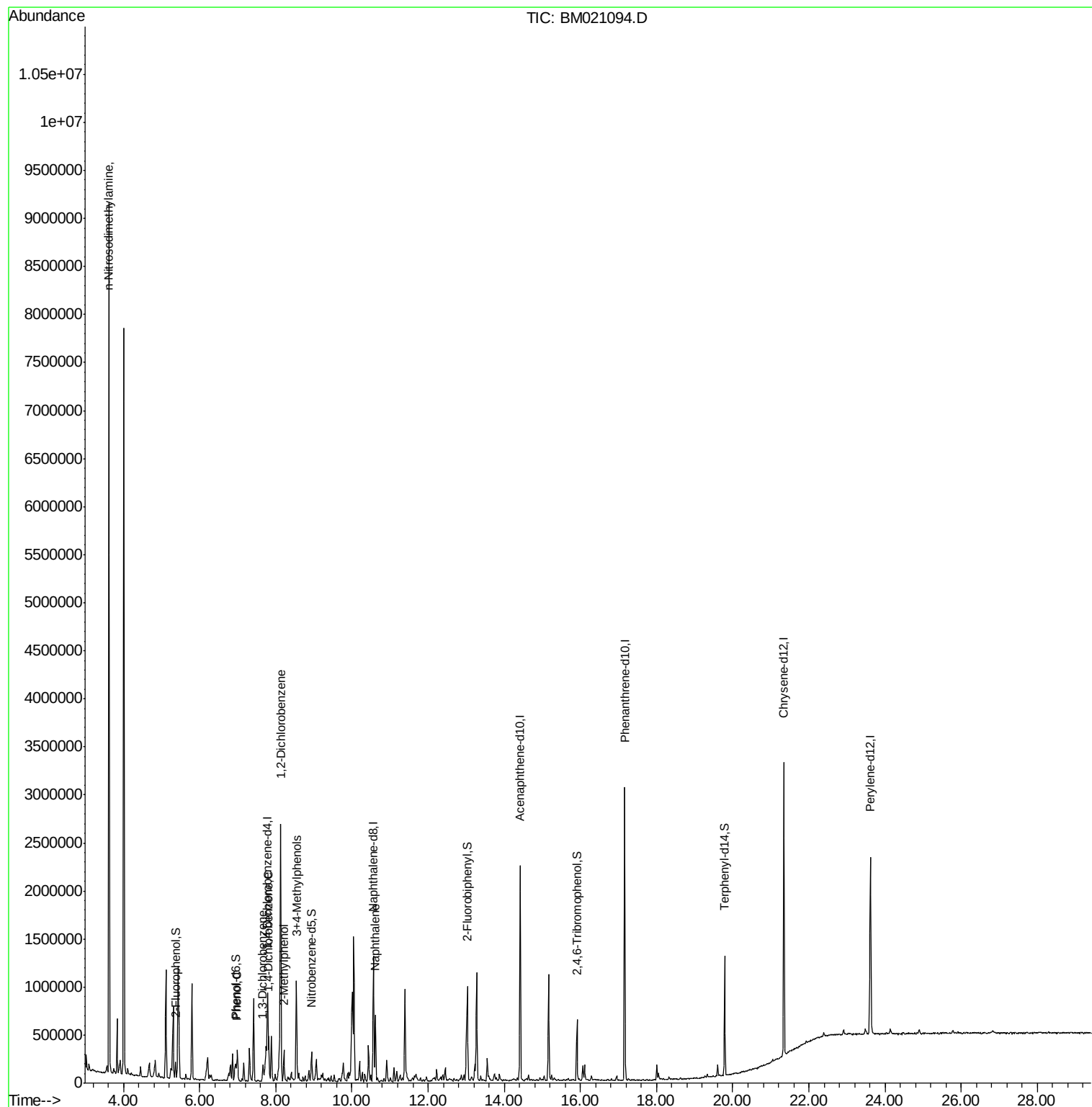
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	257892	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	1115433	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	755389	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1786506	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1411111	20.00	ng	0.00
87) Perylene-d12	23.62	264	1439520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	69519	4.88	ng	0.00
7) Phenol-d6	6.95	99	89405	4.31	ng	0.00
23) Nitrobenzene-d5	8.94	82	158580	7.41	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	129522	9.14	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	491129	7.99	ng	0.00
79) Terphenyl-d14	19.79	244	565782	7.49	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.62	42	330196	55.576	ng	Qvalue # 1
9) Benzaldehyde	6.92	77	8354	Below Cal		# 1
10) Phenol	6.97	94	71798	3.388	ng	96
12) 1,3-Dichlorobenzene	7.66	146	65586	3.088	ng	99
13) 1,4-Dichlorobenzene	7.81	146	169916	7.870	ng	100
14) 1,2-Dichlorobenzene	8.13	146	1158803	54.766	ng	99
17) 2-Methylphenol	8.22	107	92040	6.081	ng	97
20) 3+4-Methylphenols	8.54	107	483950	23.230	ng	96
31) Naphthalene	10.62	128	563622	9.548	ng	99

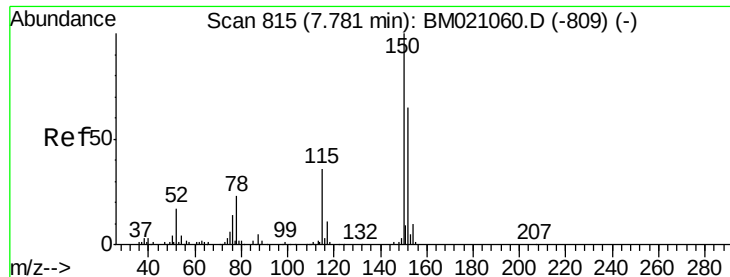
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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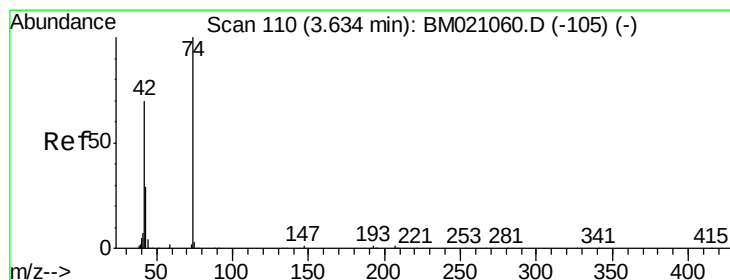
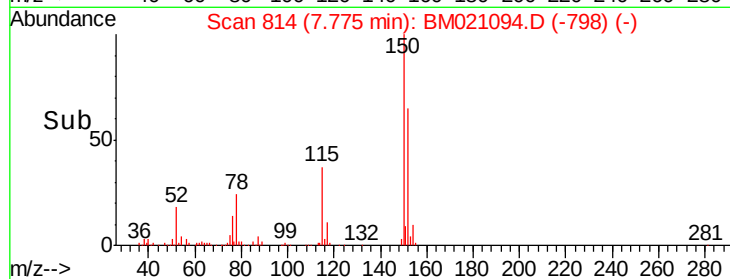
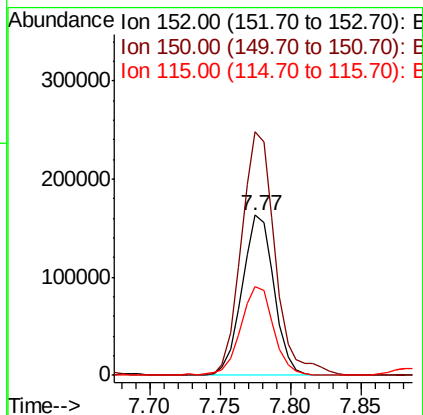
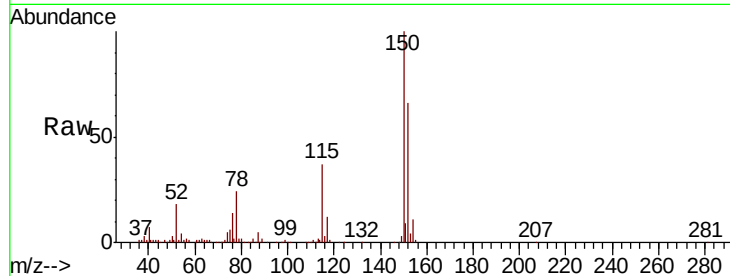


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Instrument :
BNA_M
ClientSampleId :
LF001MW001-190610DL

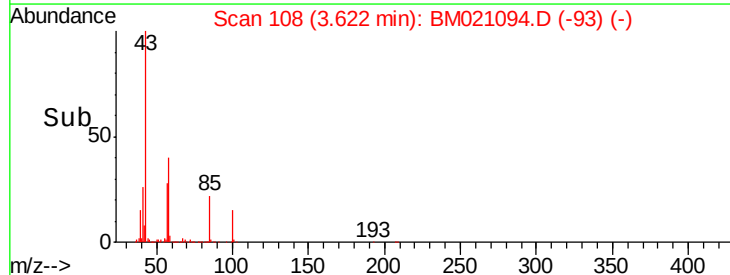
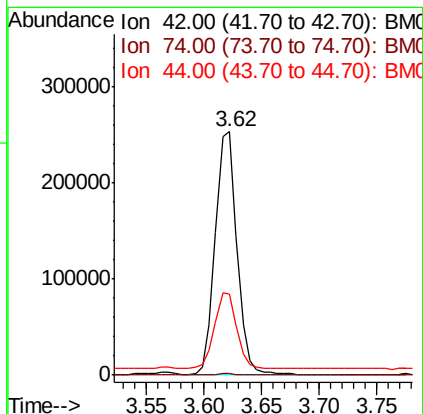
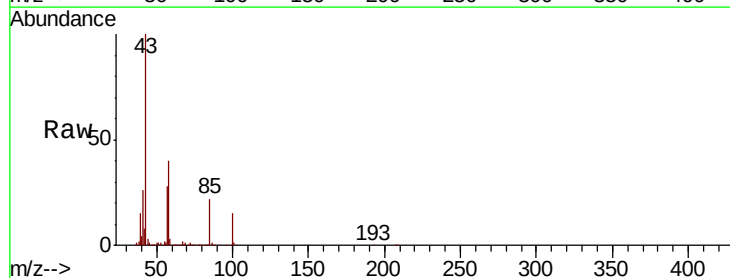
Tgt Ion:152 Resp: 257892
Ion Ratio Lower Upper
152 100
150 152.4 123.1 184.7
115 55.8 44.2 66.4

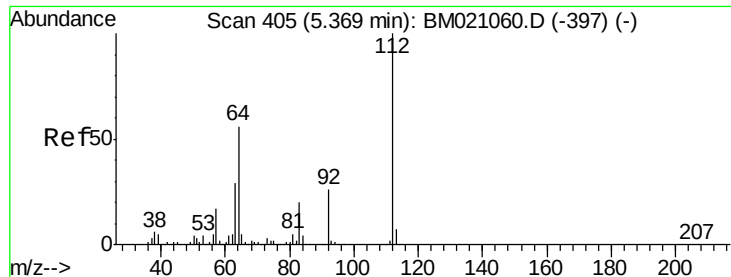


#4

n-Nitrosodimethylamine
Concen: 55.576 ng
RT: 3.62 min Scan# 108
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Tgt Ion: 42 Resp: 330196
Ion Ratio Lower Upper
42 100
74 0.5 113.8 170.6#
44 33.2 8.2 12.2#

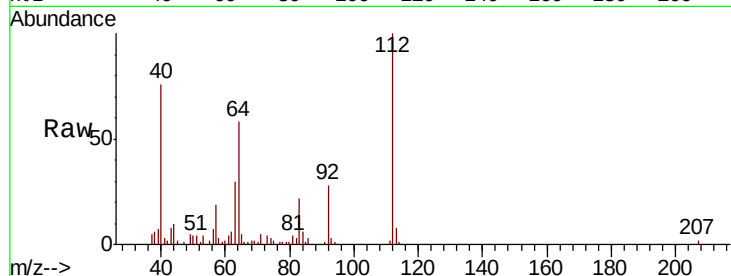




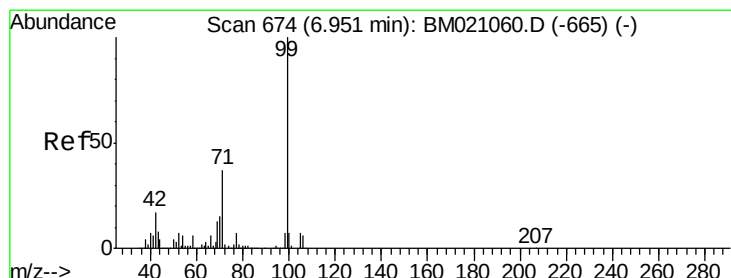
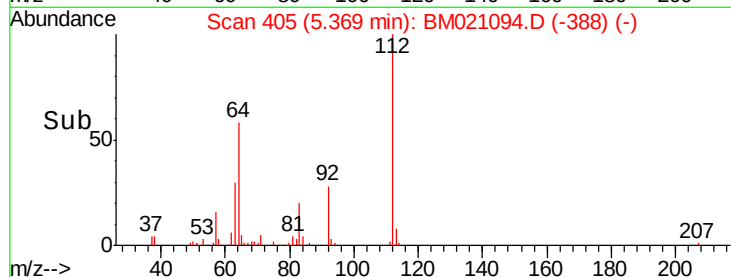
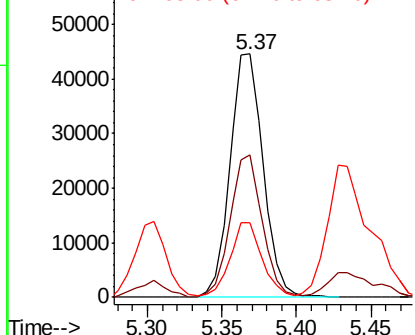
#5
2-Fluorophenol
Concen: 4.881 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Instrument :
BNA_M
ClientSampleId :
LF001MW001-190610DL

Tgt Ion: 112 Resp: 69519
Ion Ratio Lower Upper
112 100
64 58.5 45.2 67.8
63 30.4 23.5 35.3

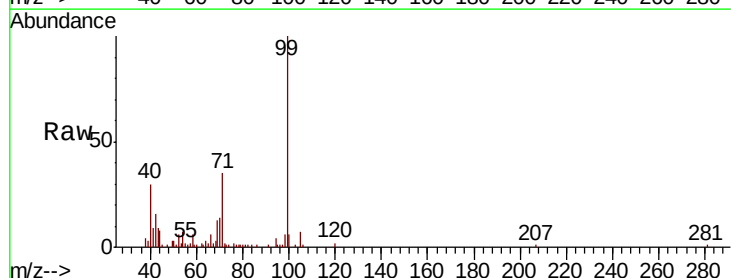


Abundance Ion 112.00 (111.70 to 112.70): B
Ion 64.00 (63.70 to 64.70): BMO
Ion 63.00 (62.70 to 63.70): BMO

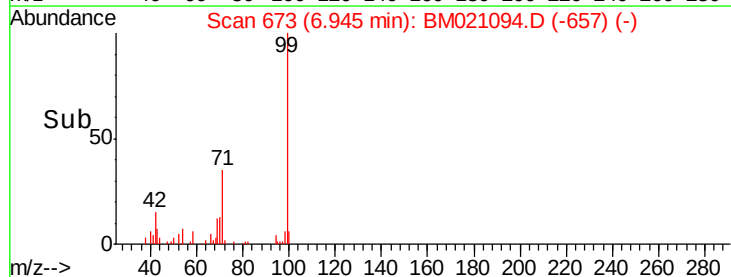
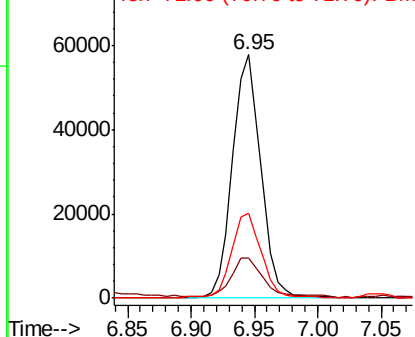


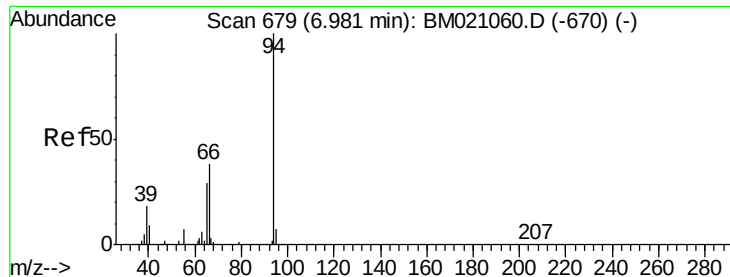
#7
Phenol-d6
Concen: 4.311 ng
RT: 6.95 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Tgt Ion: 99 Resp: 89405
Ion Ratio Lower Upper
99 100
42 16.4 13.5 20.3
71 34.9 29.3 43.9



Abundance Ion 99.00 (98.70 to 99.70): BMO
Ion 42.00 (41.70 to 42.70): BMO
Ion 71.00 (70.70 to 71.70): BMO





#10

Phenol

Concen: 3.388 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

Instrument :

BNA_M

ClientSampleId :

LF001MW001-190610DL

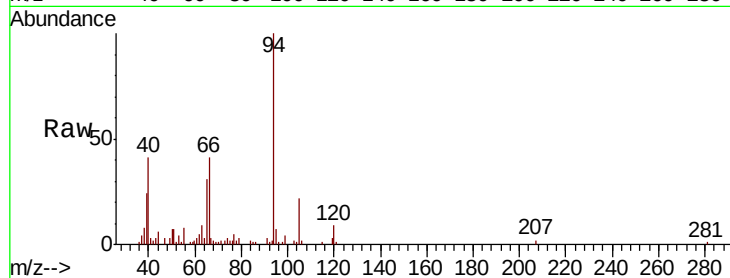
Tgt Ion: 94 Resp: 71798

Ion Ratio Lower Upper

94 100

65 30.8 8.7 48.7

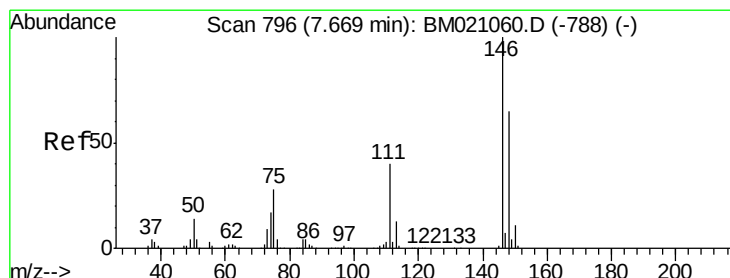
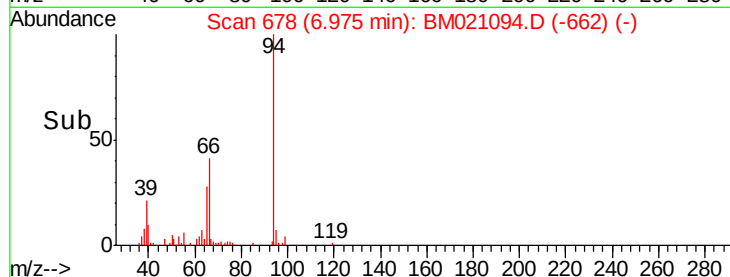
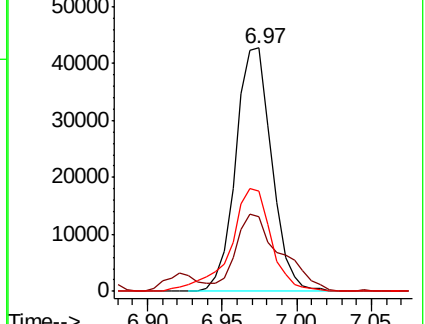
66 41.1 19.0 59.0



Abundance Ion 94.00 (93.70 to 94.70): BM021060.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM021060.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM021060.D (-670) (-)



#12

1,3-Dichlorobenzene

Concen: 3.088 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

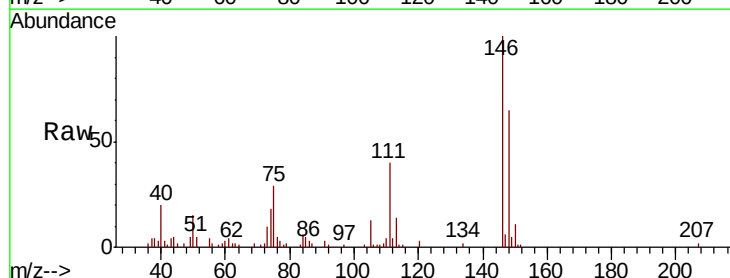
Tgt Ion: 146 Resp: 65586

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

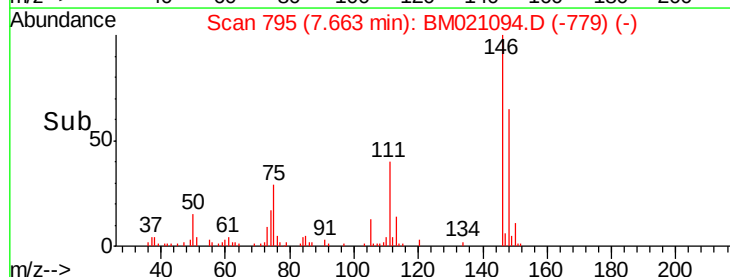
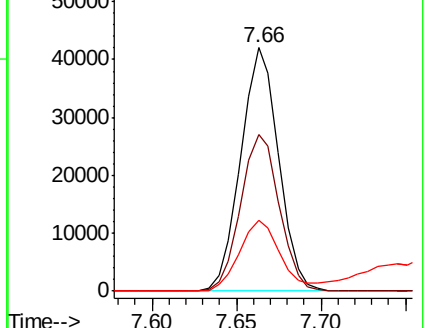
75 29.0 22.2 33.4

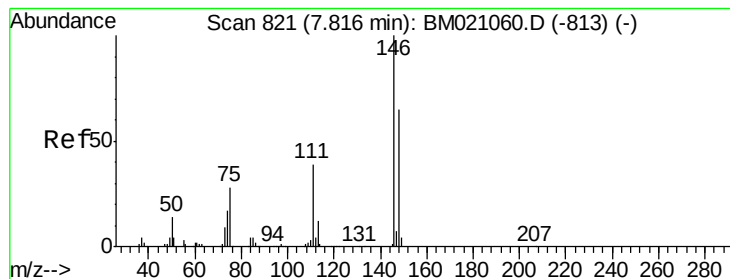


Abundance Ion 146.00 (145.70 to 146.70): BM021060.D (-788) (-)

Ion 148.00 (147.70 to 148.70): BM021060.D (-788) (-)

Ion 75.00 (74.70 to 75.70): BM021060.D (-788) (-)





#13

1,4-Dichlorobenzene

Concen: 7.870 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

Instrument :

BNA_M

ClientSampleId :

LF001MW001-190610DL

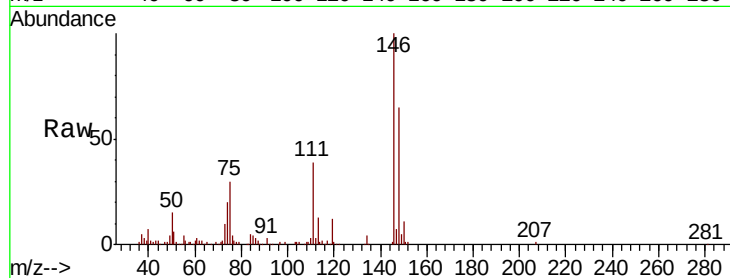
Tgt Ion:146 Resp: 169916

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

111 39.3 31.4 47.0

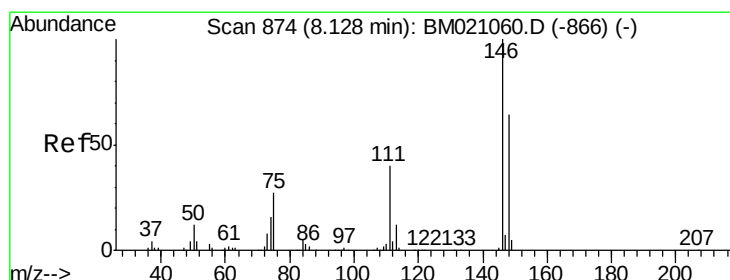
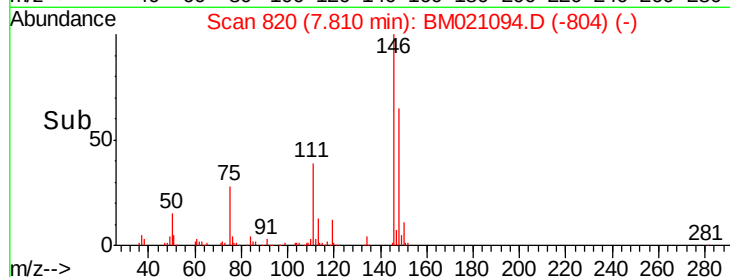
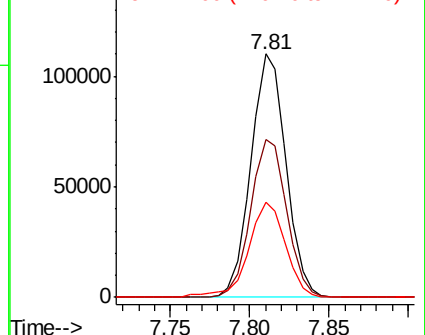


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 54.766 ng

RT: 8.13 min Scan# 874

Delta R.T. -0.00 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

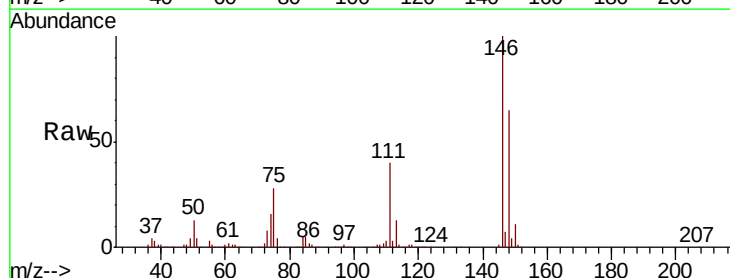
Tgt Ion:146 Resp: 1158803

Ion Ratio Lower Upper

146 100

148 64.6 51.2 76.8

111 39.6 32.8 49.2

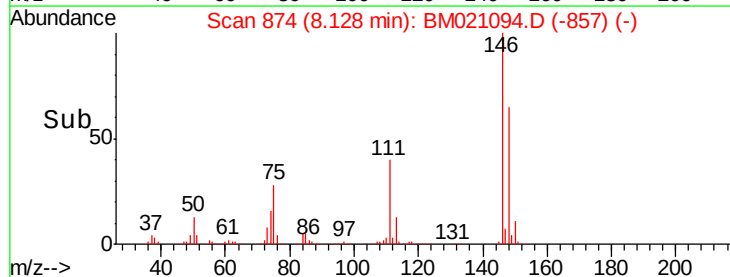
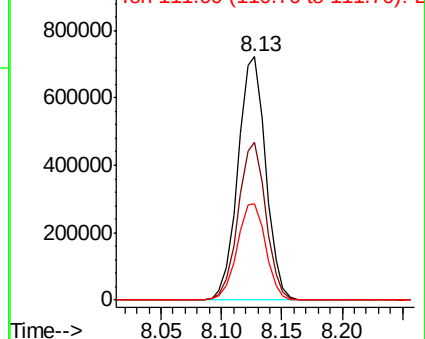


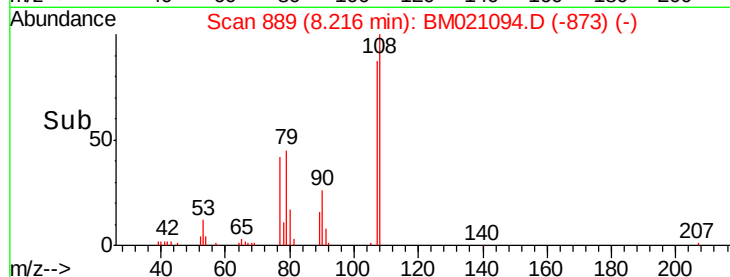
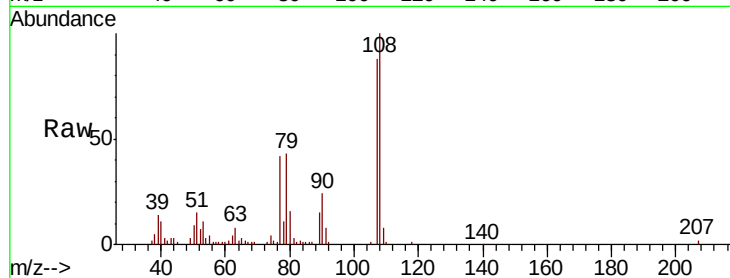
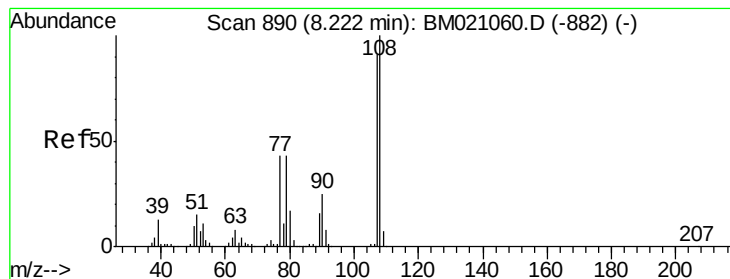
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#17

2-Methylphenol

Concen: 6.081 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

Instrument :

BNA_M

ClientSampleId :

LF001MW001-190610DL

Tgt Ion:107 Resp: 92040

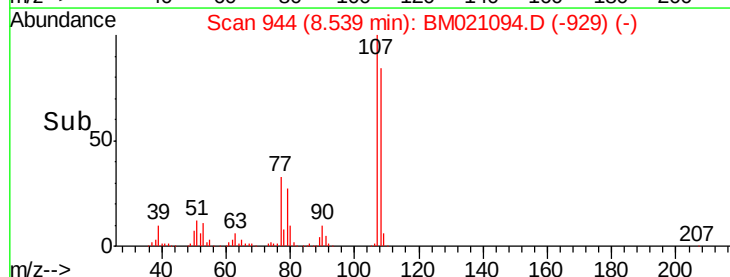
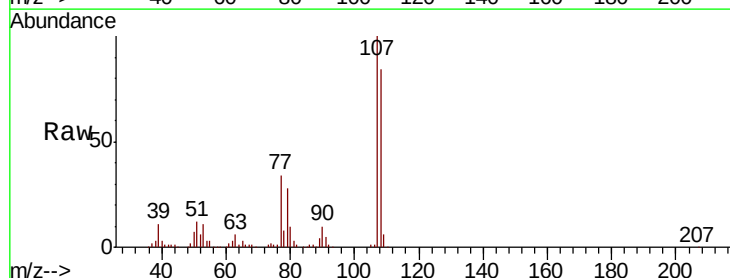
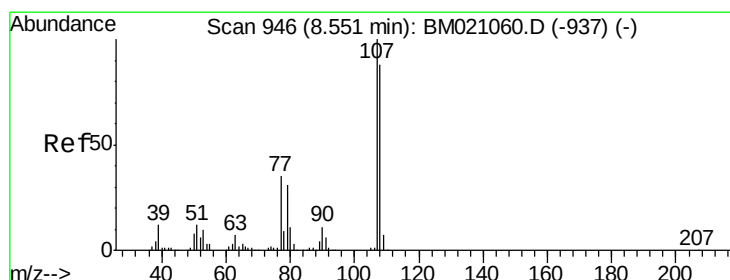
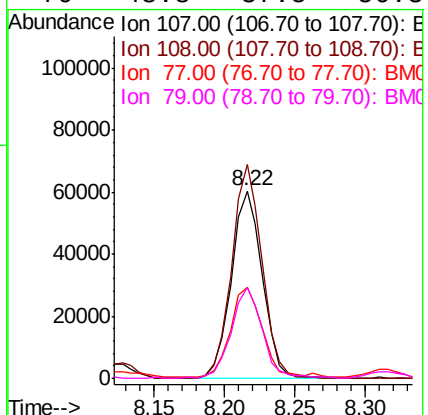
Ion Ratio Lower Upper

107 100

108 114.2 87.5 131.3

77 48.3 37.8 56.8

79 48.8 37.5 56.3



#20

3+4-Methylphenols

Concen: 23.230 ng

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

Tgt Ion:107 Resp: 483950

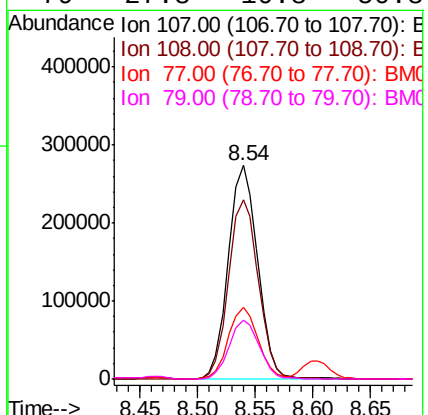
Ion Ratio Lower Upper

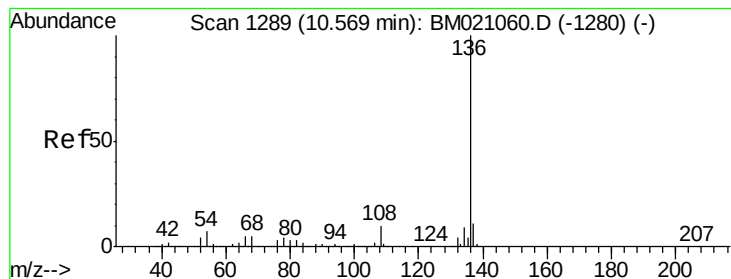
107 100

108 84.0 67.9 107.9

77 33.7 14.6 54.6

79 27.8 10.8 50.8



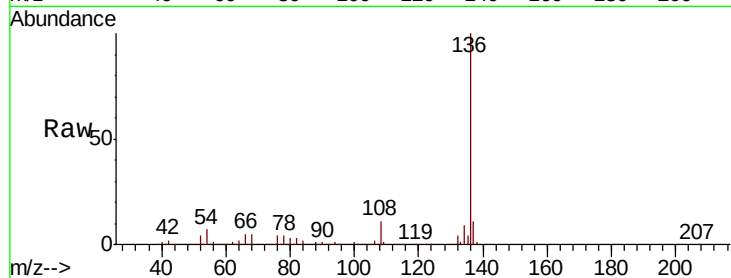


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Instrument :
BNA_M
ClientSampleId :
LF001MW001-190610DL

Tgt Ion: 136 Resp: 1115433

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.6	5.3	7.9
68	5.2	4.4	6.6



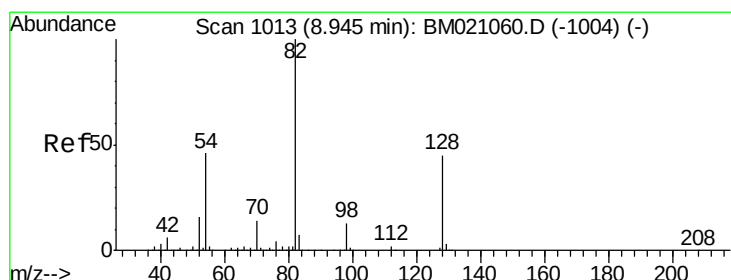
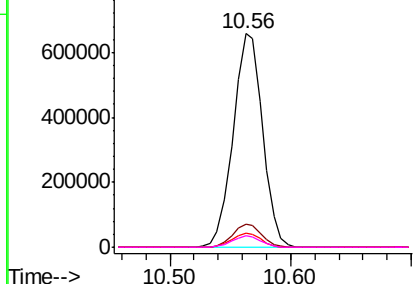
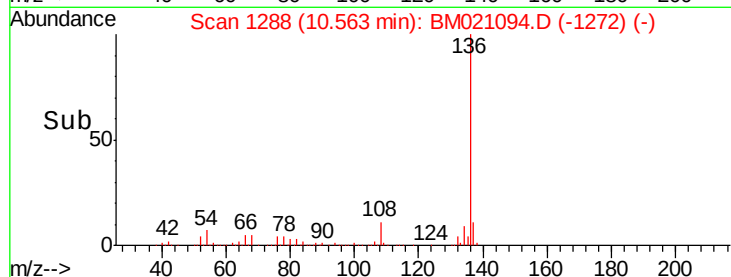
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

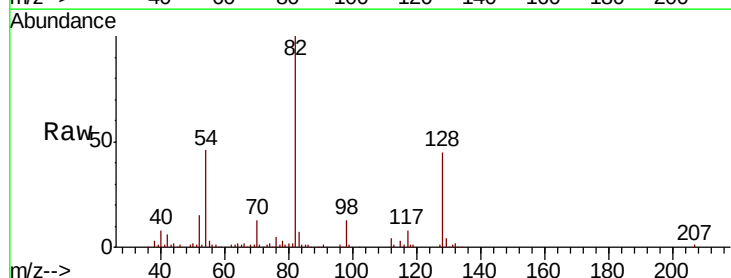
Ion 68.00 (67.70 to 68.70): BM



#23
Nitrobenzene-d5
Concen: 7.409 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Tgt Ion: 82 Resp: 158580

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.9	53.9
54	46.5	36.6	55.0

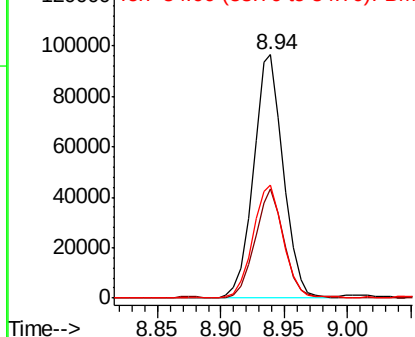
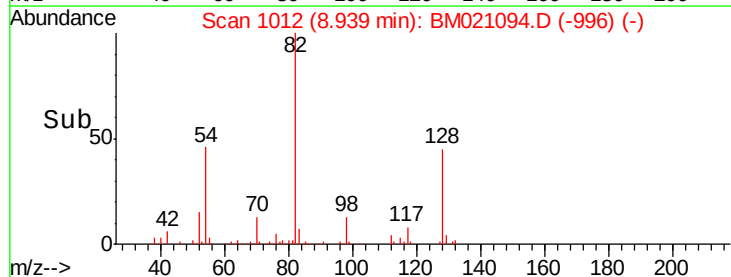


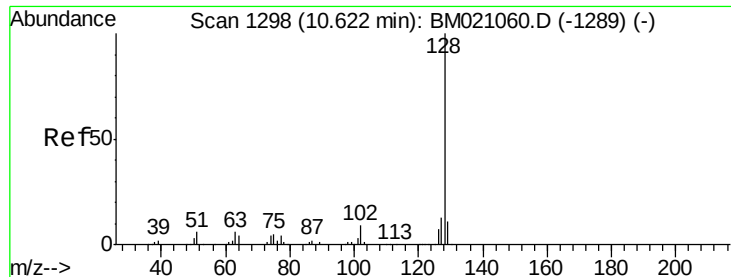
Abundance

Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

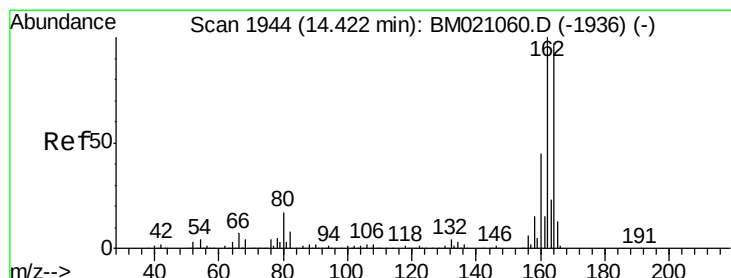
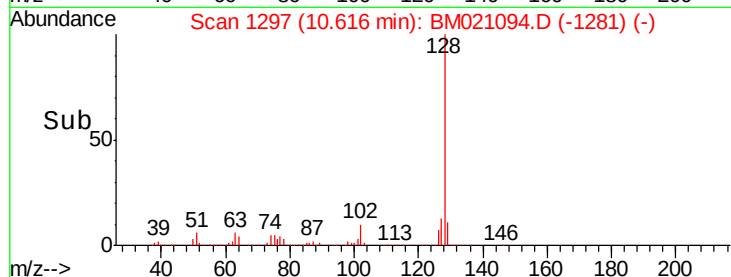
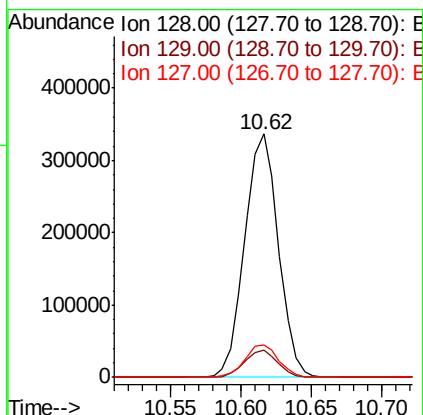
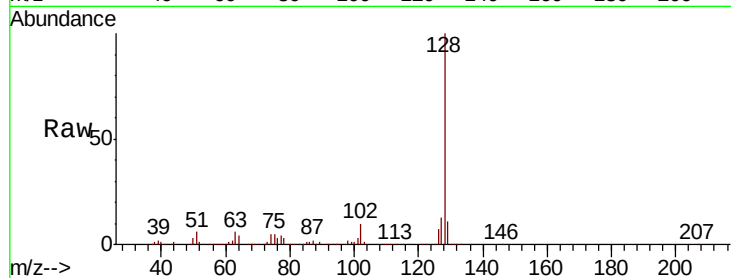




#31
Naphthalene
Concen: 9.548 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

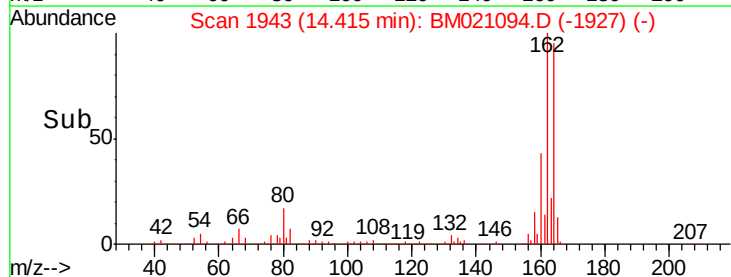
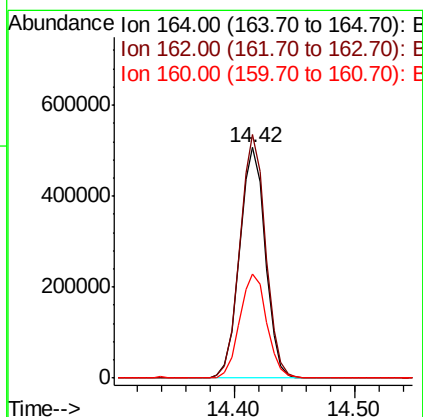
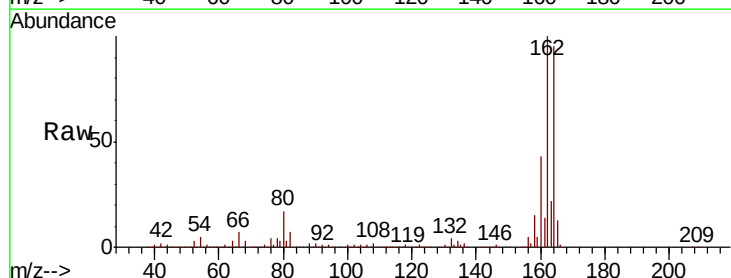
Instrument :
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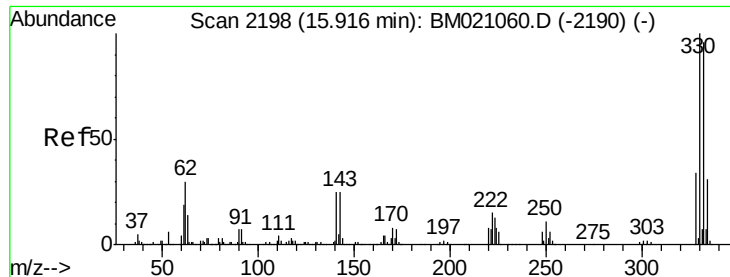
Tgt Ion:128 Resp: 563622
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.8 16.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM021094.D
Acq: 22 Jun 2019 10:46

Tgt Ion:164 Resp: 755389
Ion Ratio Lower Upper
164 100
162 105.5 82.1 123.1
160 45.2 37.1 55.7

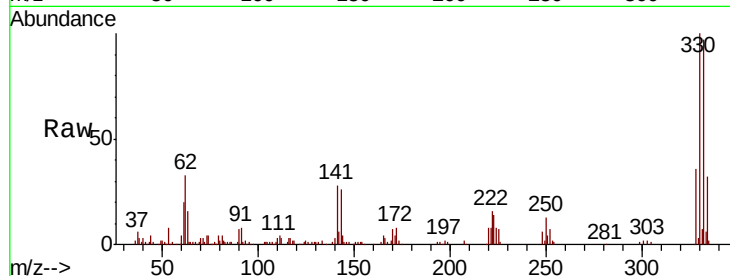




#42
 2,4,6-Tribromophenol
 Concen: 9.138 ng
 RT: 15.91 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BM021094.D
 Acq: 22 Jun 2019 10:46

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW001-190610DL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	29.8	21.8	32.8

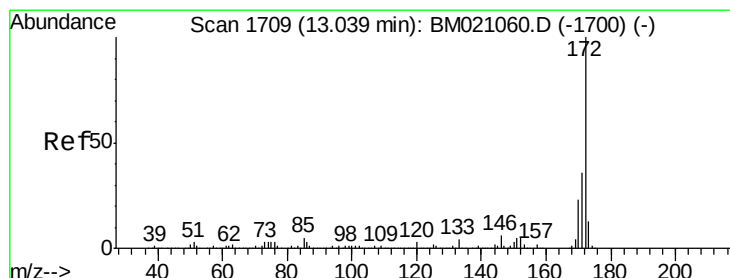
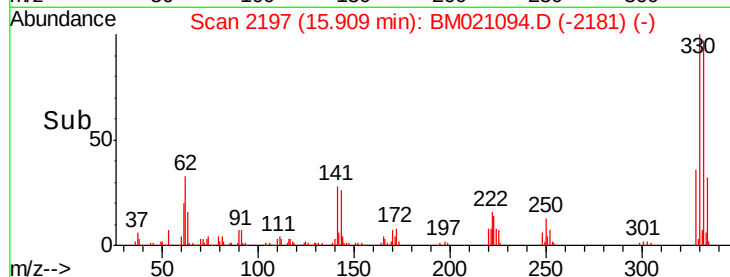
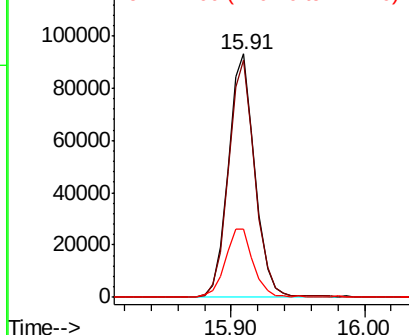


Abundance

Ion 329.80 (329.50 to 330.50): E

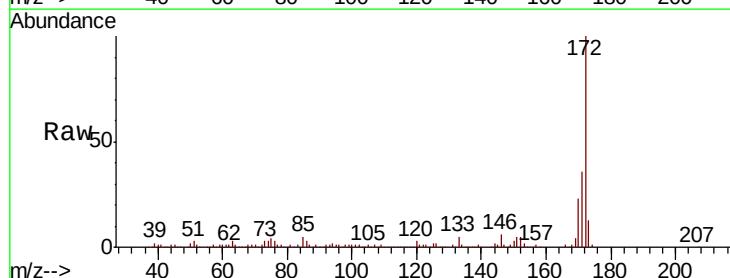
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 7.991 ng
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BM021094.D
 Acq: 22 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.0	18.7	28.1

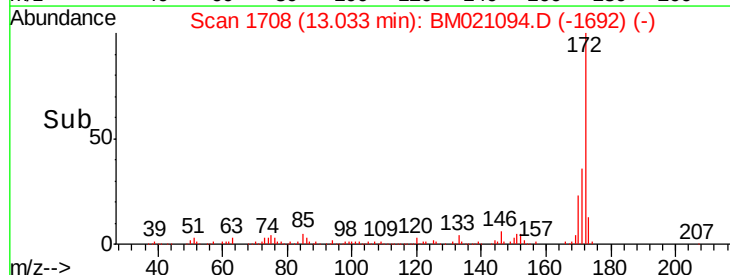
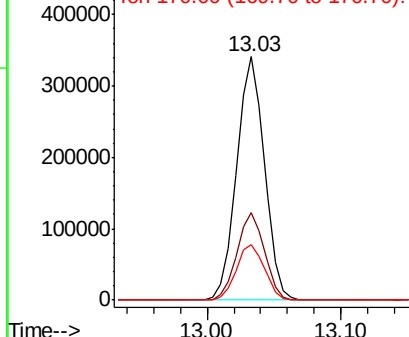


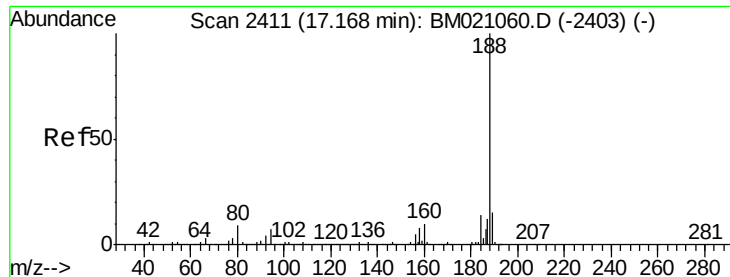
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

Instrument :

BNA_M

ClientSampleId :

LF001MW001-190610DL

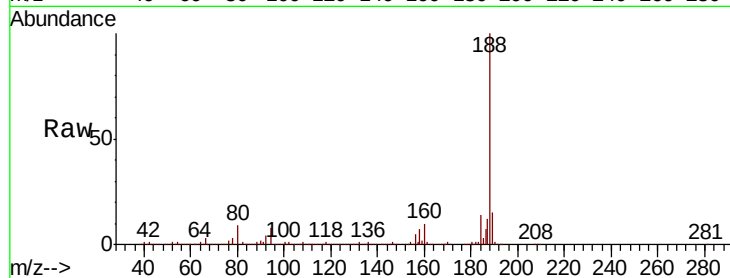
Tgt Ion:188 Resp: 1786506

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.8

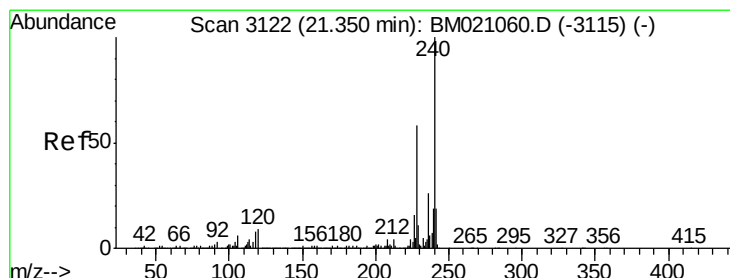
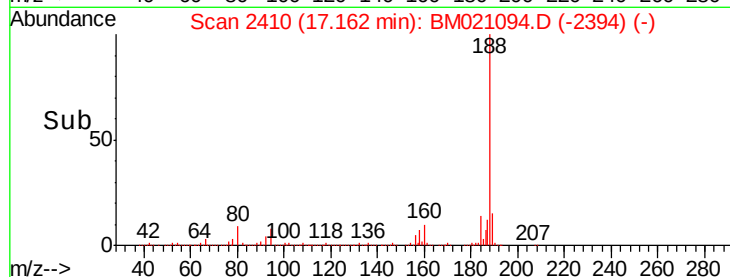
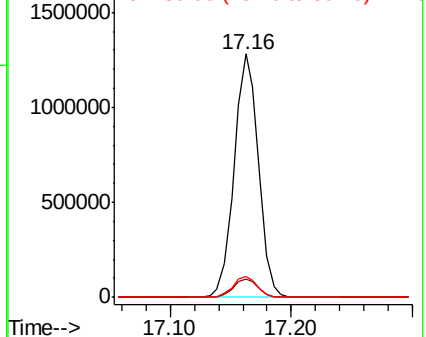
80 8.5 6.9 10.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

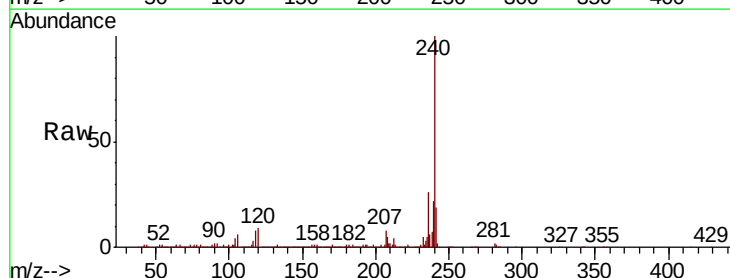
Tgt Ion:240 Resp: 1411111

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

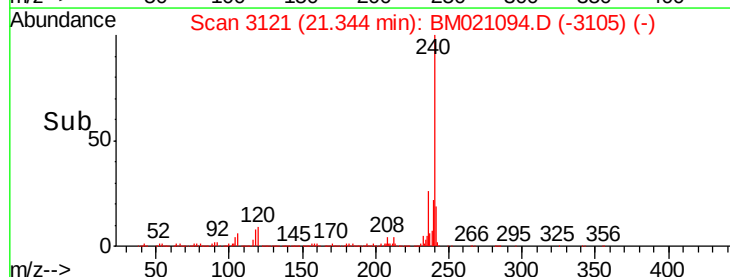
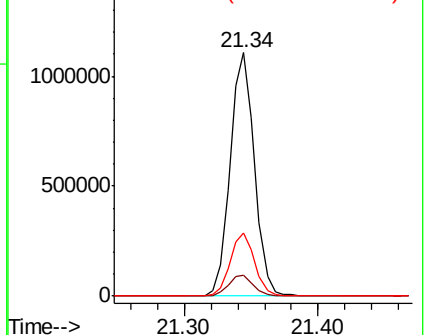
236 26.0 20.4 30.6

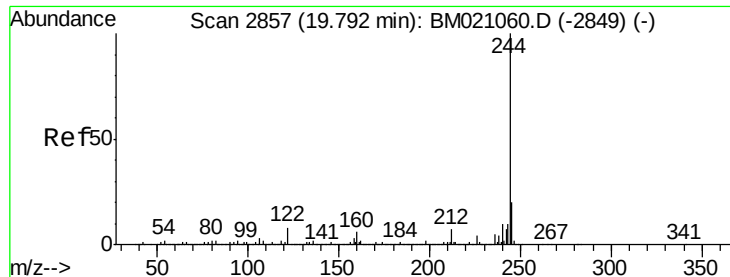


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 7.489 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

Instrument :

BNA_M

ClientSampleId :

LF001MW001-190610DL

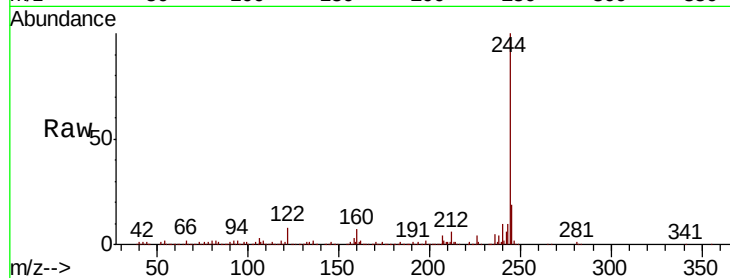
Tgt Ion:244 Resp: 565782

Ion Ratio Lower Upper

244 100

212 6.2 5.3 7.9

122 8.5 6.6 9.8



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

600000

500000

400000

300000

200000

100000

0

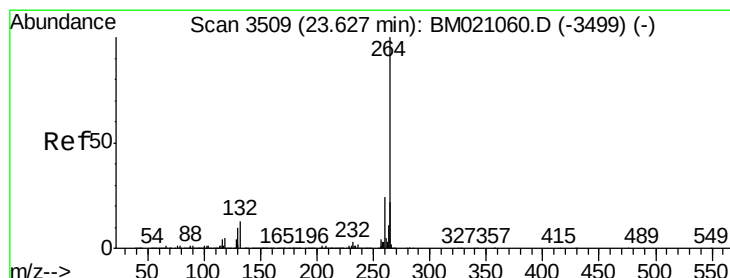
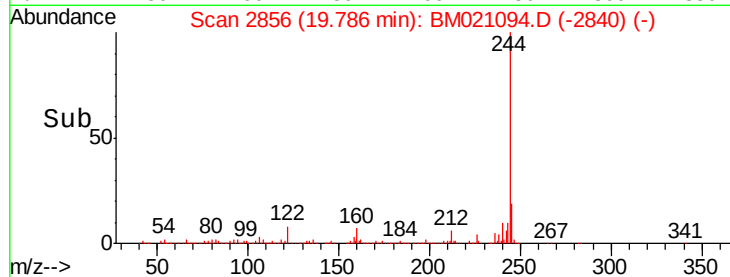
19.79

19.70

19.80

19.90

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.62 min Scan# 3508

Delta R.T. -0.01 min

Lab File: BM021094.D

Acq: 22 Jun 2019 10:46

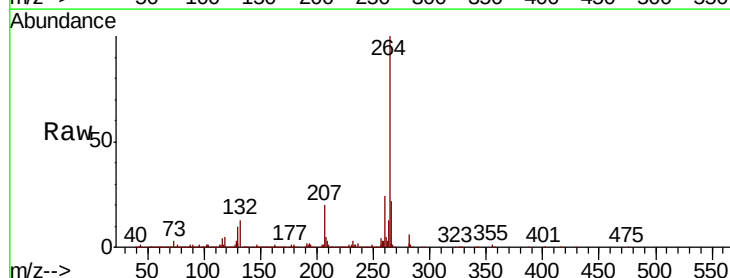
Tgt Ion:264 Resp: 1439520

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.7 17.7 26.5



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

1000000

800000

600000

400000

200000

0

23.62

23.50

23.60

23.70

Time-->

