

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062119\
 Data File : BM021087.D
 Acq On : 21 Jun 2019 17:23
 Operator : HP/JU
 Sample : K3309-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 KY032MW006-190610

Quant Time: Jun 21 23:31:15 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	7.78	152	320766	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	1190225	20.00	ng	0.01
39) Acenaphthene-d10	14.43	164	723495	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1563787	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1440645	20.00	ng	0.00
87) Perylene-d12	23.63	264	1619599	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1096210	61.88	ng	0.02
7) Phenol-d6	6.98	99	959724	37.20	ng	0.03
23) Nitrobenzene-d5	8.96	82	1844011	80.74	ng	0.02
42) 2,4,6-Tribromophenol	15.93	330	1607011	118.37	ng	0.01
45) 2-Fluorobiphenyl	13.05	172	4933721	83.81	ng	0.01
79) Terphenyl-d14	19.79	244	5856828	75.93	ng	0.00

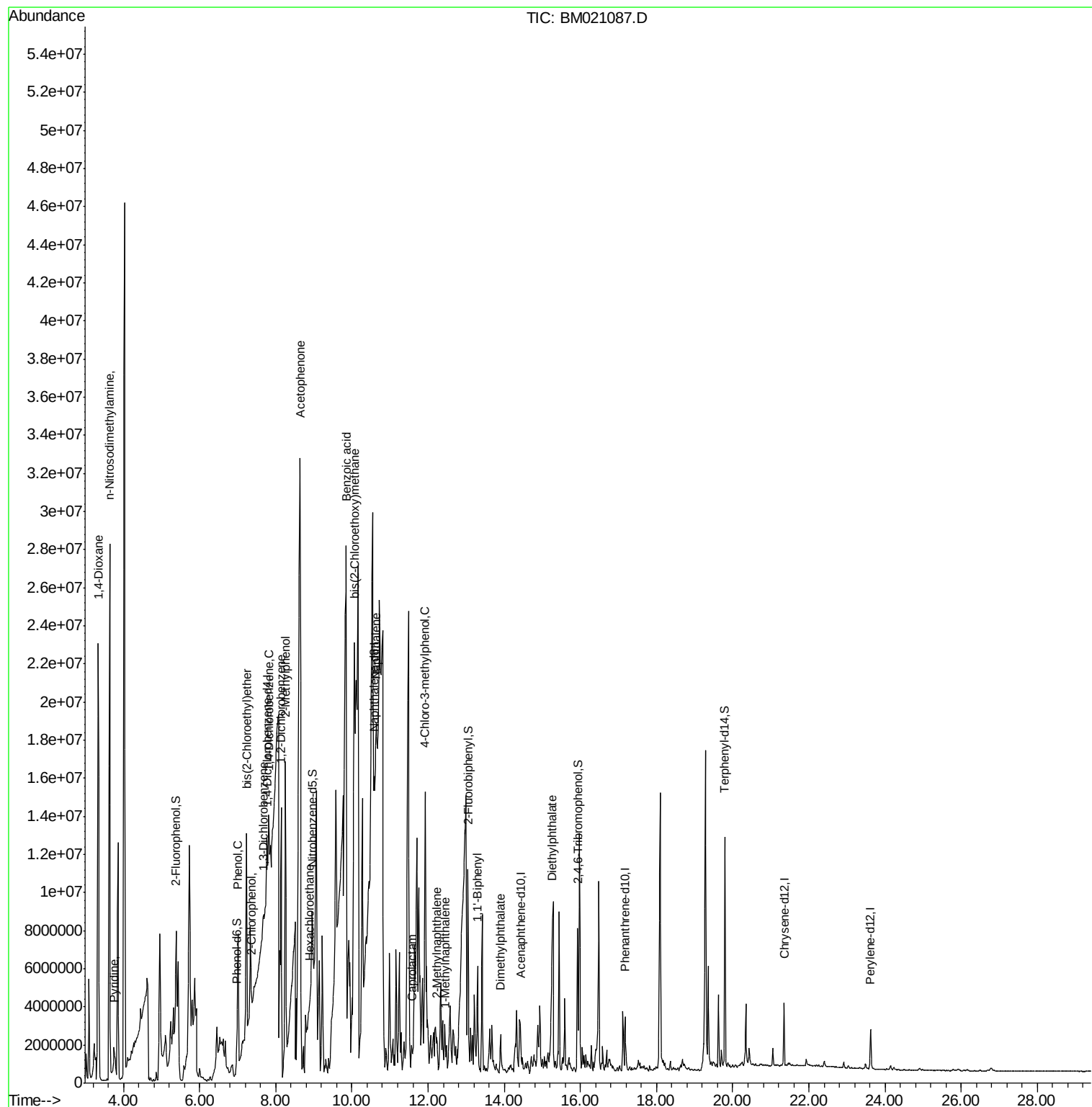
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	19653534	2944.752	ng	95
3) Pyridine	3.75	79	219289	11.426	ng	# 29
4) n-Nitrosodimethylamine	3.63	42	1293678	175.060	ng	# 1
8) 2-Chlorophenol	7.36	128	50691	2.325	ng	89
9) Benzaldehyde	6.94	77	26672	Below Cal		# 79
10) Phenol	7.01	94	4290394	162.794	ng	99
11) bis(2-Chloroethyl)ether	7.23	93	6836917	327.666	ng	97
12) 1,3-Dichlorobenzene	7.67	146	276057	10.451	ng	# 94
13) 1,4-Dichlorobenzene	7.82	146	1347010	50.159	ng	99
14) 1,2-Dichlorobenzene	8.14	146	6357517	241.568	ng	98
17) 2-Methylphenol	8.26	107	5665590	300.958	ng	99
18) Hexachloroethane	8.88	117	20604	2.137	ng	# 1
22) Acetophenone	8.63	105	732020	24.135	ng	# 1
28) bis(2-Chloroethoxy)methane	10.06	93	932655	35.124	ng	# 1
31) Naphthalene	10.63	128	2167687	34.415	ng	95
32) Benzoic acid	9.85	122	7672777	587.036	ng	# 13
35) Caprolactam	11.57	113	33322	5.095	ng	# 1
36) 4-Chloro-3-methylphenol	11.92	107	632556	29.729	ng	# 22
37) 2-Methylnaphthalene	12.25	142	196462	4.054	ng	93
38) 1-Methylnaphthalene	12.46	142	117811	2.549	ng	# 97
46) 1,1'-Biphenyl	13.30	154	274034	4.425	ng	88
50) Dimethylphthalate	13.90	163	331176	5.148	ng	97
60) Diethylphthalate	15.26	149	383051	6.046	ng	98

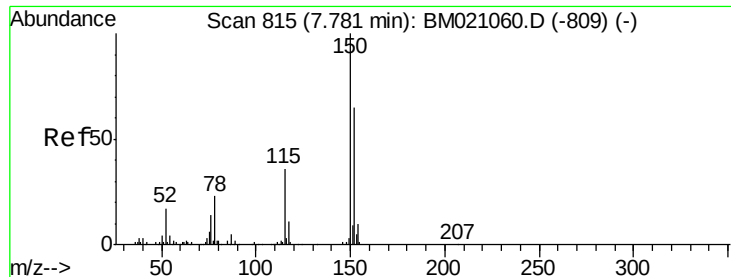
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062119\
Data File : BM021087.D
Acq On : 21 Jun 2019 17:23
Operator : HP/JU
Sample : K3309-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Quant Time: Jun 21 23:31:15 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



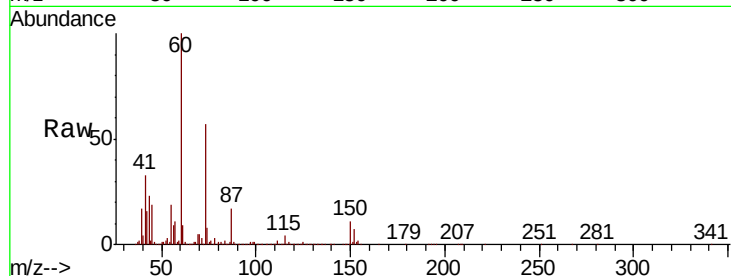


#1

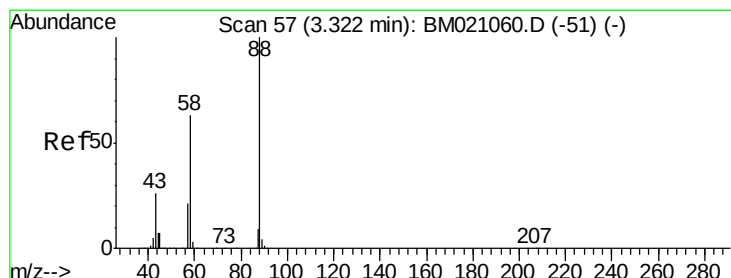
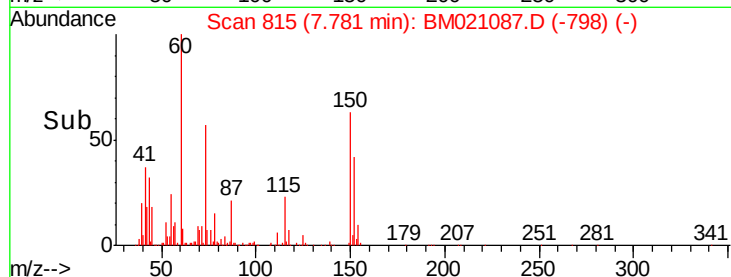
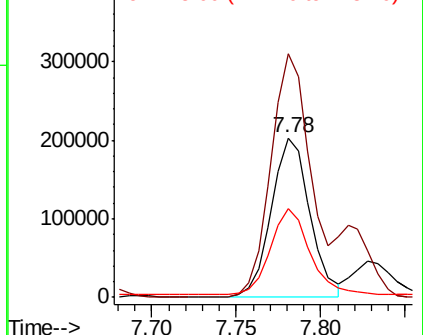
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.00 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:152 Resp: 320766
Ion Ratio Lower Upper
152 100
150 152.9 123.1 184.7
115 55.4 44.2 66.4



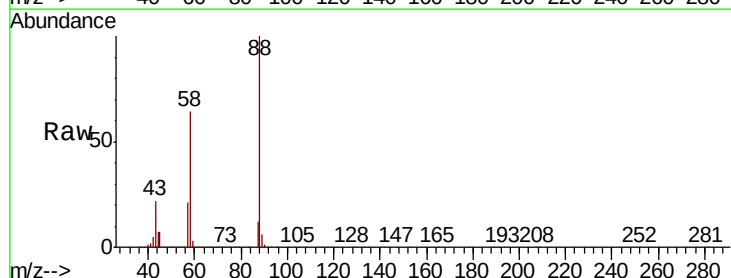
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



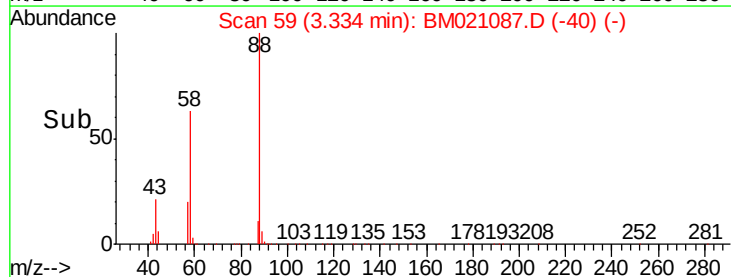
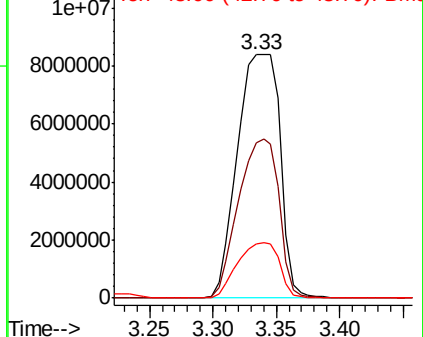
#2

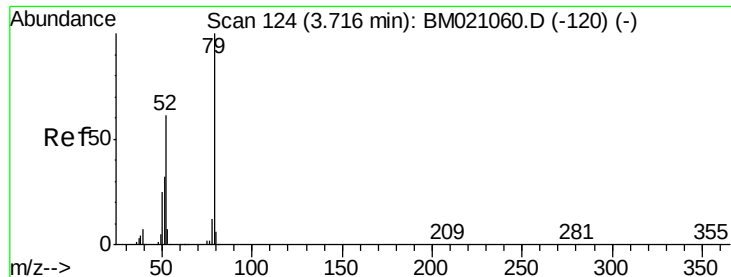
1,4-Dioxane
Concen: 2944.752 ng
RT: 3.33 min Scan# 59
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion: 88 Resp:19653534
Ion Ratio Lower Upper
88 100
58 62.1 51.9 77.9
43 22.3 21.4 32.2



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 11.426 ng

RT: 3.75 min Scan# 130

Delta R.T. 0.04 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

Instrument :

BNA_M

ClientSampleId :

KY032MW006-190610

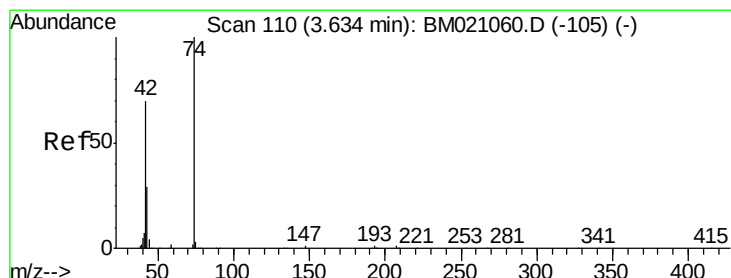
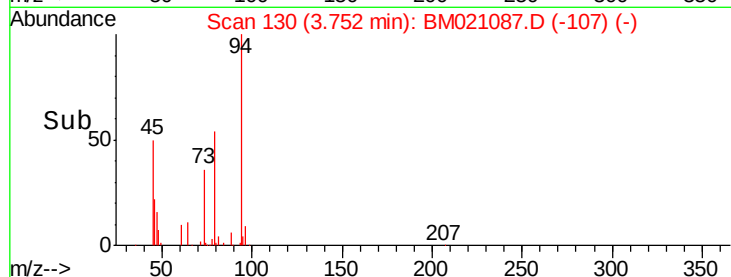
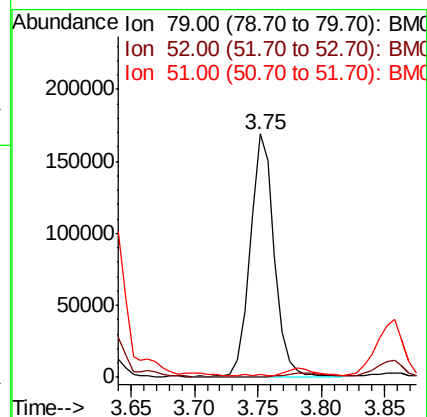
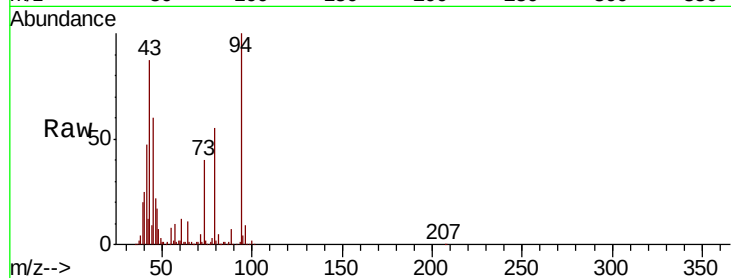
Tgt Ion: 79 Resp: 219289

Ion Ratio Lower Upper

79 100

52 0.3 48.8 73.2#

51 1.0 25.7 38.5#



#4

n-Nitrosodimethylamine

Concen: 175.060 ng

RT: 3.63 min Scan# 110

Delta R.T. -0.00 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

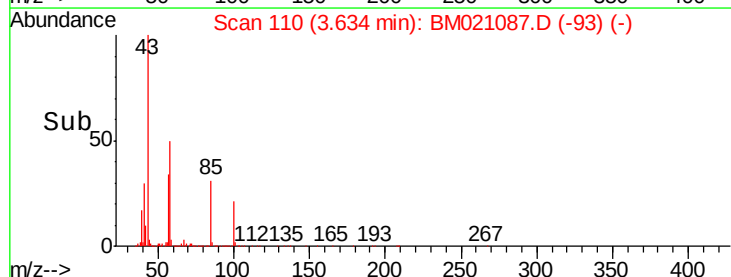
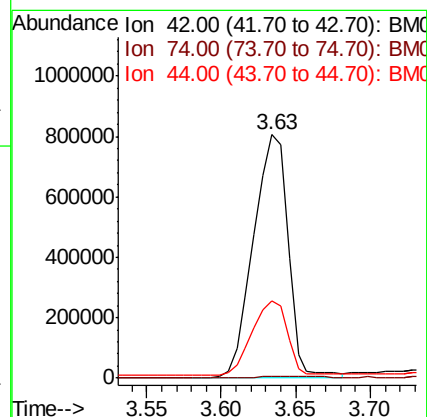
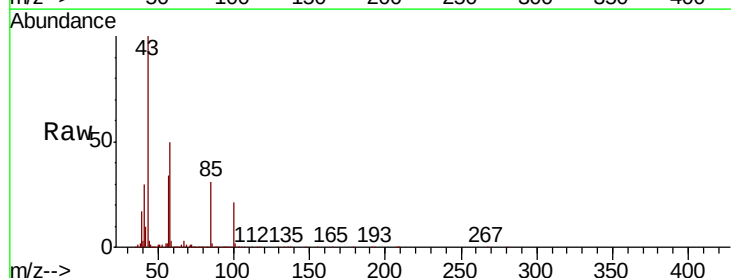
Tgt Ion: 42 Resp: 1293678

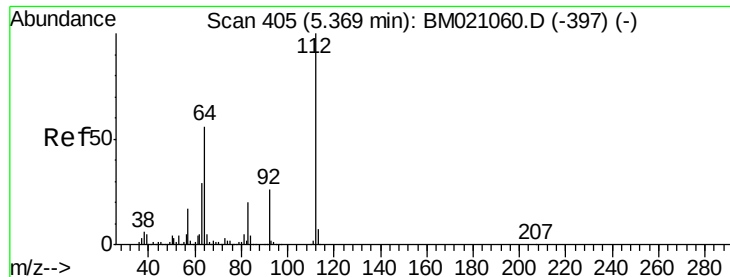
Ion Ratio Lower Upper

42 100

74 0.7 113.8 170.6#

44 31.9 8.2 12.2#





#5

2-Fluorophenol

Concen: 61.881 ng

RT: 5.39 min Scan# 408

Delta R.T. 0.02 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

Instrument :

BNA_M

ClientSampleId :

KY032MW006-190610

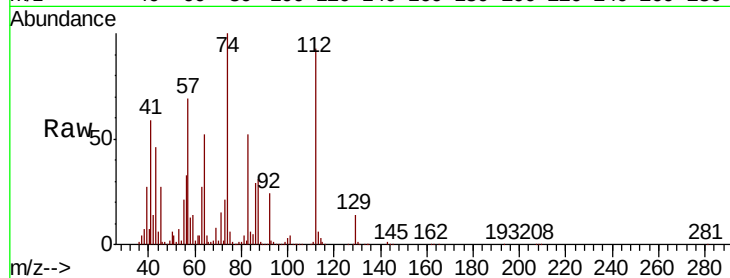
Tgt Ion: 112 Resp: 1096210

Ion Ratio Lower Upper

112 100

64 56.5 45.2 67.8

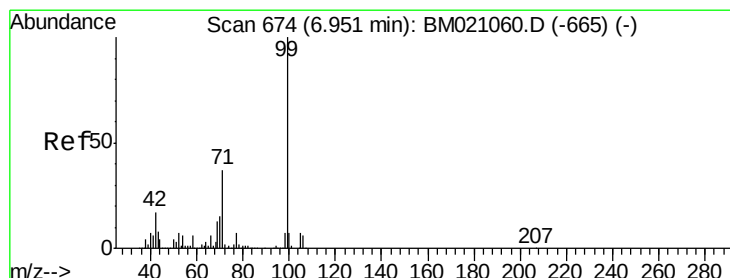
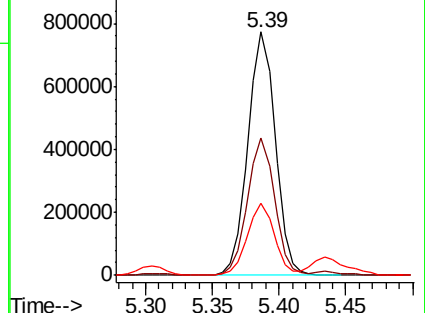
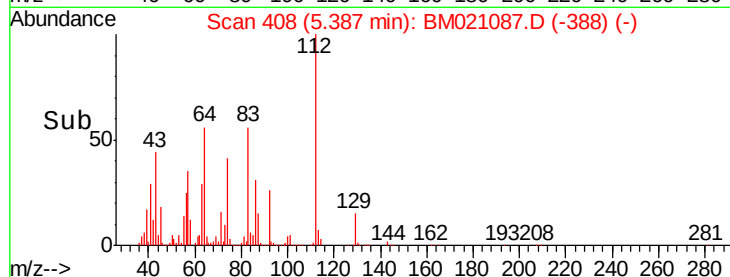
63 29.4 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 37.202 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.03 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

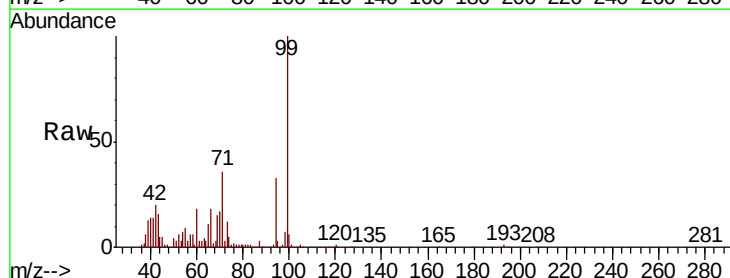
Tgt Ion: 99 Resp: 959724

Ion Ratio Lower Upper

99 100

42 20.4 13.5 20.3#

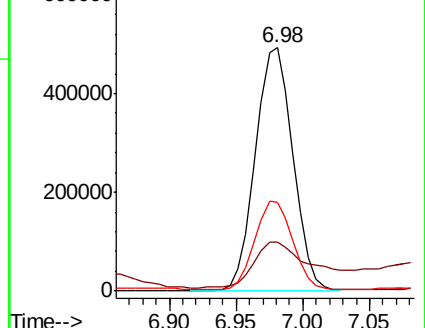
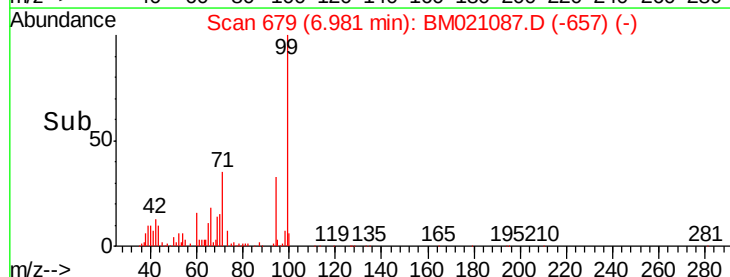
71 36.3 29.3 43.9

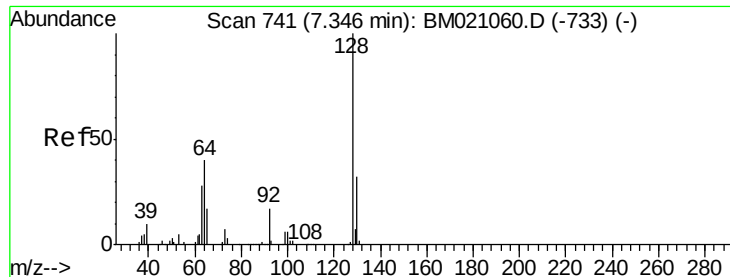


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 2.325 ng

RT: 7.36 min Scan# 744

Delta R.T. 0.02 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

Instrument :

BNA_M

ClientSampleId :

KY032MW006-190610

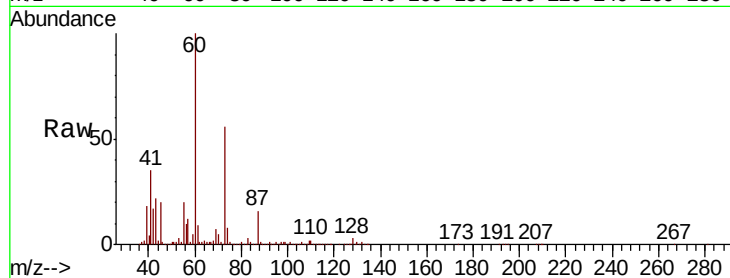
Tgt Ion:128 Resp: 50691

Ion Ratio Lower Upper

128 100

130 38.2 12.2 52.2

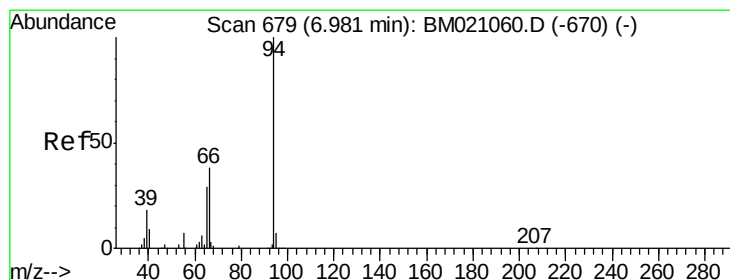
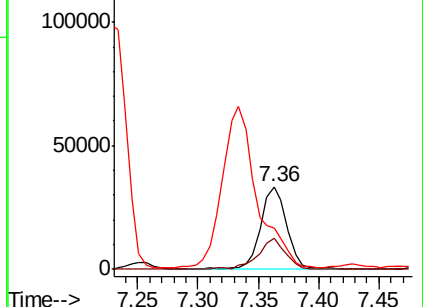
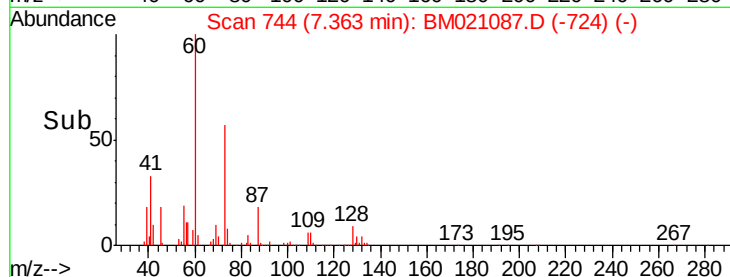
64 50.1 23.2 63.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#10

Phenol

Concen: 162.794 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.03 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

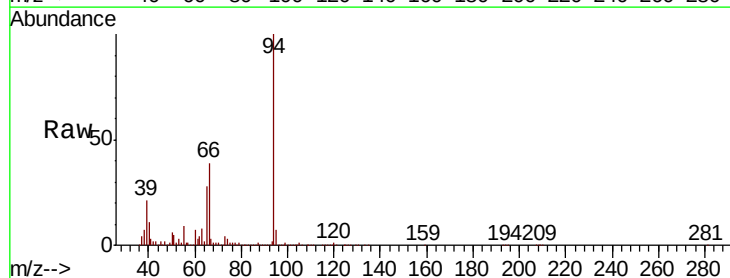
Tgt Ion: 94 Resp: 4290394

Ion Ratio Lower Upper

94 100

65 28.3 8.7 48.7

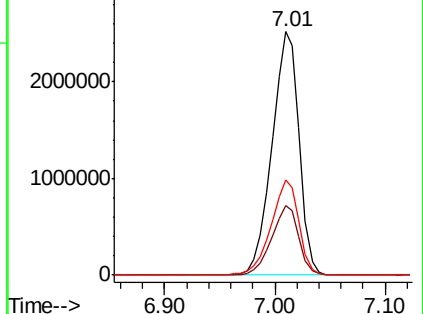
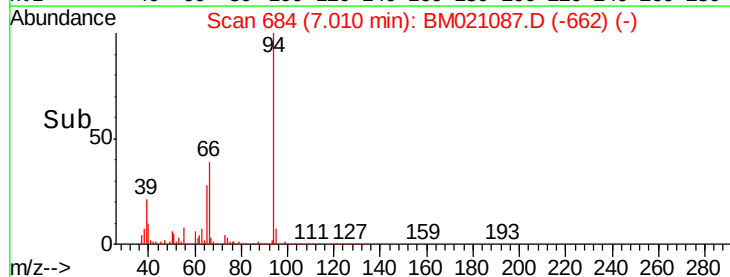
66 39.3 19.0 59.0

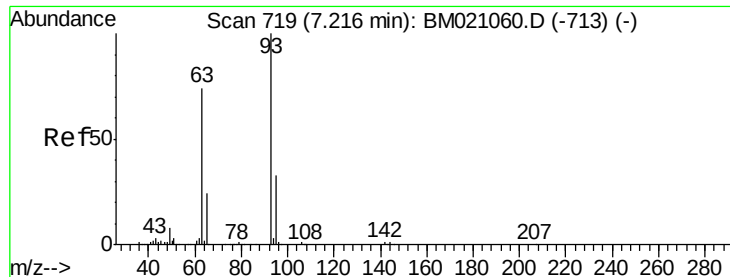


Abundance Ion 94.00 (93.70 to 94.70): BM

Ion 65.00 (64.70 to 65.70): BM

Ion 66.00 (65.70 to 66.70): BM

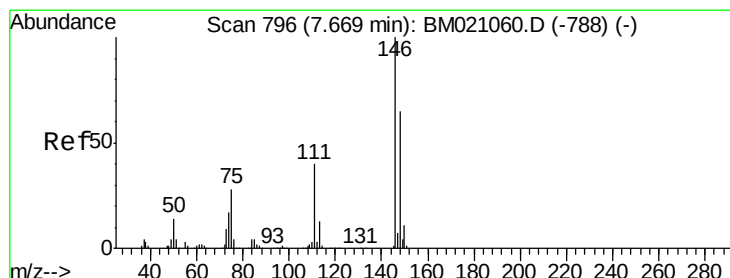
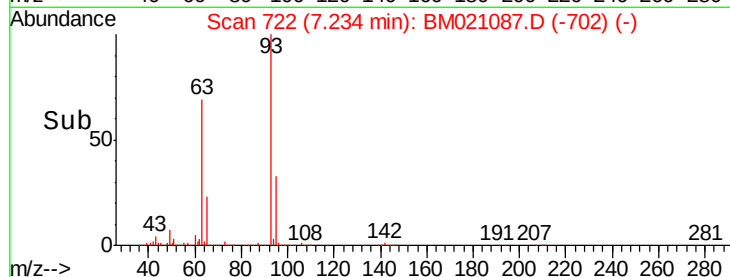
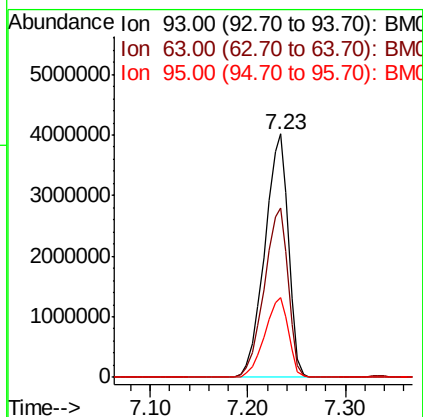
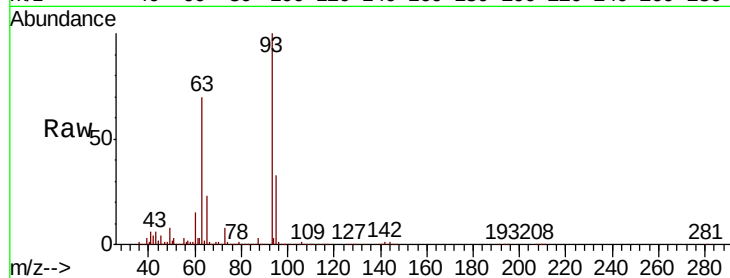




#11
bis(2-Chloroethyl)ether
Concen: 327.666 ng
RT: 7.23 min Scan# 722
Delta R.T. 0.02 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

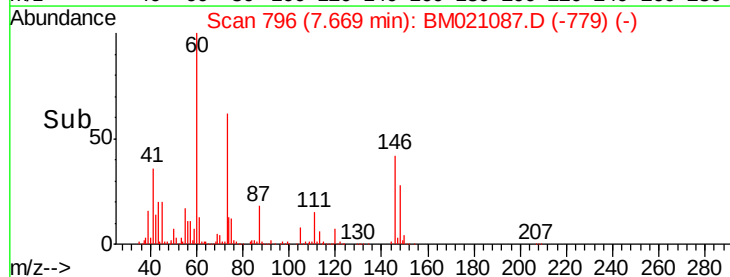
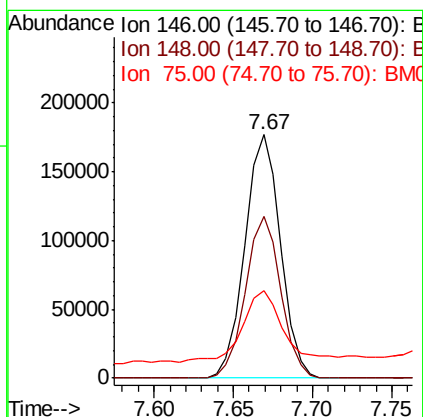
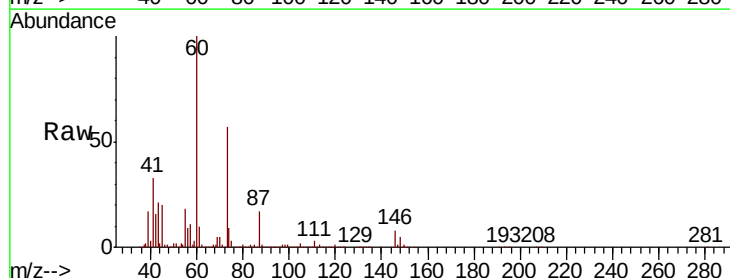
Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

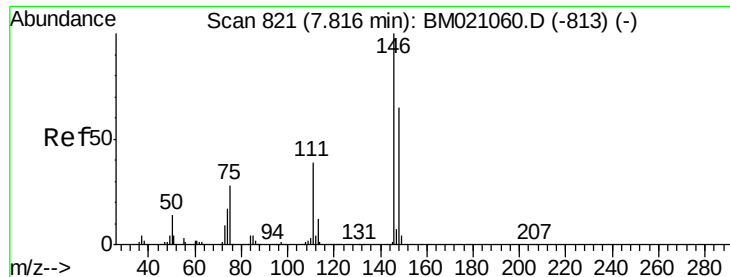
Tgt Ion: 93 Resp: 6836917
Ion Ratio Lower Upper
93 100
63 69.5 53.4 93.4
95 33.0 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 10.451 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.00 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion: 146 Resp: 276057
Ion Ratio Lower Upper
146 100
148 66.4 52.2 78.2
75 35.7 22.2 33.4#

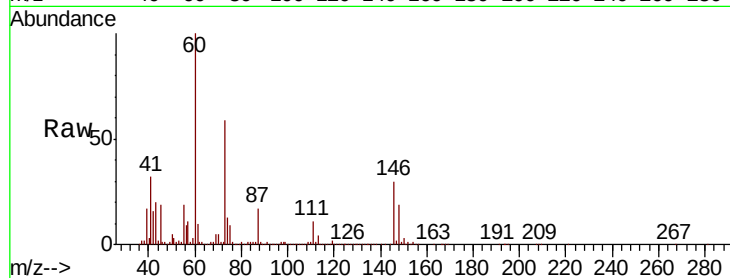




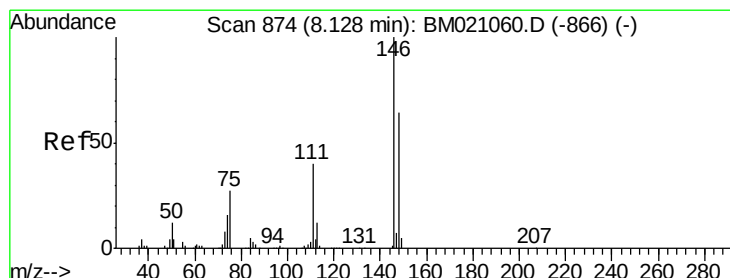
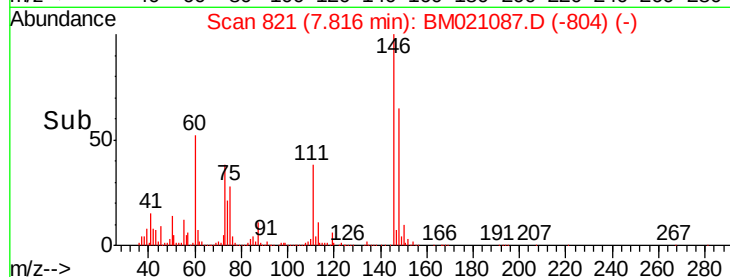
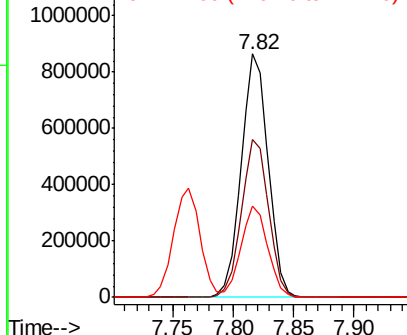
#13
 1,4-Dichlorobenzene
 Concen: 50.159 ng
 RT: 7.82 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BM021087.D
 Acq: 21 Jun 2019 17:23

Instrument :
 BNA_M
 ClientSampleId :
 KY032MW006-190610

Tgt Ion:146 Resp: 1347010
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.9 77.9
 111 37.7 31.4 47.0

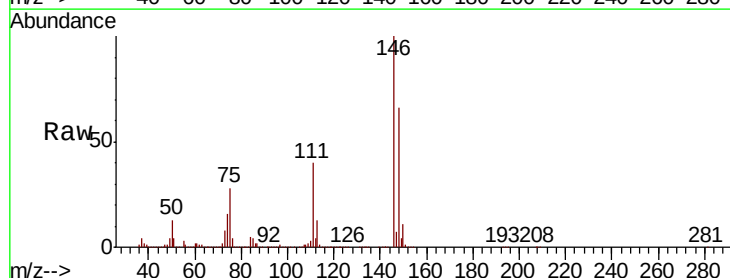


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

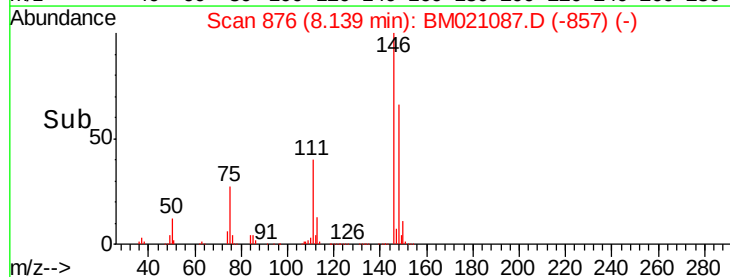
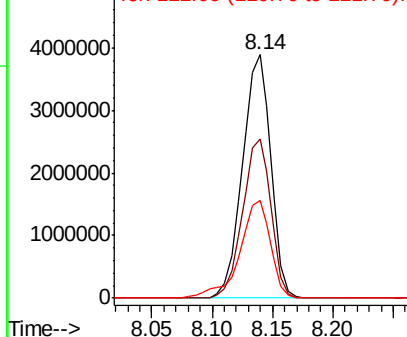


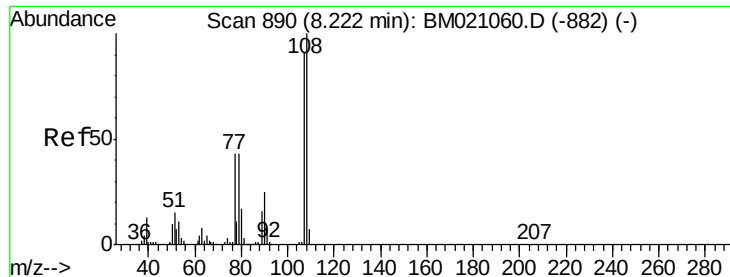
#14
 1,2-Dichlorobenzene
 Concen: 241.568 ng
 RT: 8.14 min Scan# 876
 Delta R.T. 0.01 min
 Lab File: BM021087.D
 Acq: 21 Jun 2019 17:23

Tgt Ion:146 Resp: 6357517
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.2 76.8
 111 40.0 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

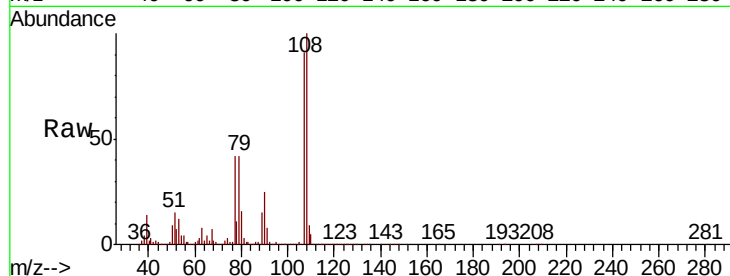




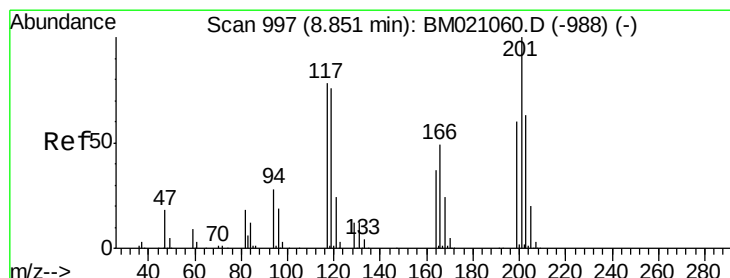
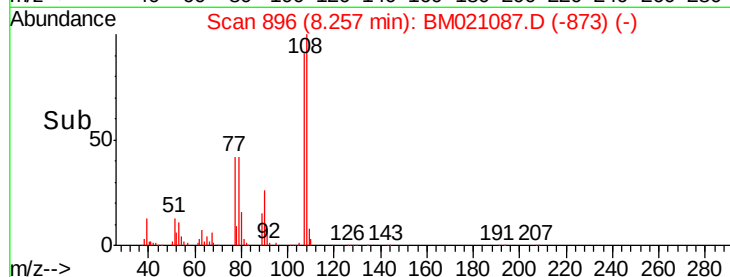
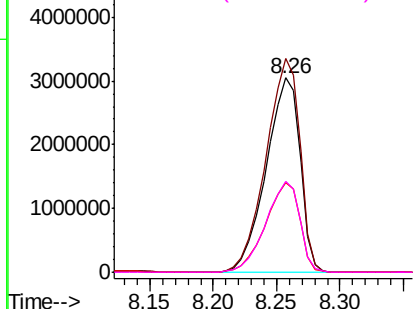
#17
2-Methylphenol
Concen: 300.958 ng
RT: 8.26 min Scan# 896
Delta R.T. 0.04 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:107 Resp: 5665590
Ion Ratio Lower Upper
107 100
108 109.8 87.5 131.3
77 46.3 37.8 56.8
79 46.5 37.5 56.3

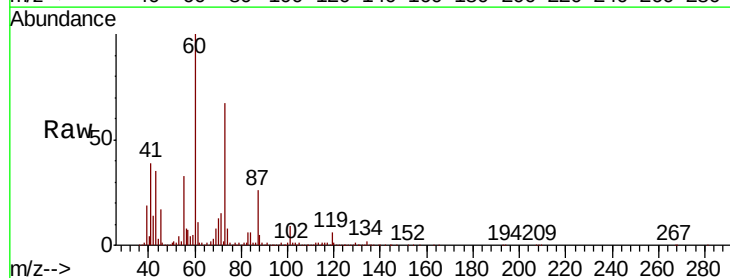


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

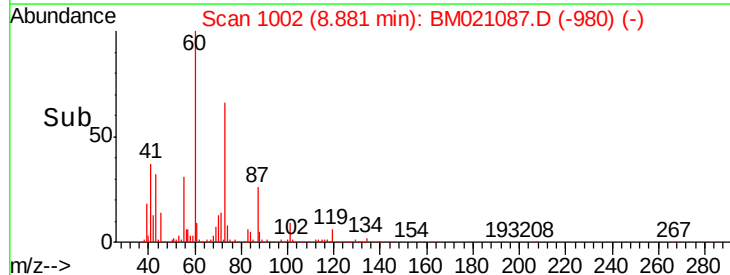
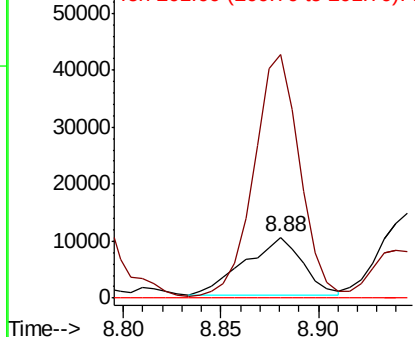


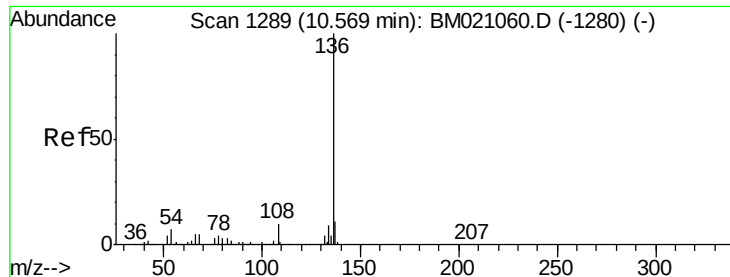
#18
Hexachloroethane
Concen: 2.137 ng
RT: 8.88 min Scan# 1002
Delta R.T. 0.03 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:117 Resp: 20604
Ion Ratio Lower Upper
117 100
119 401.8 77.5 116.3#
201 0.0 102.3 153.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

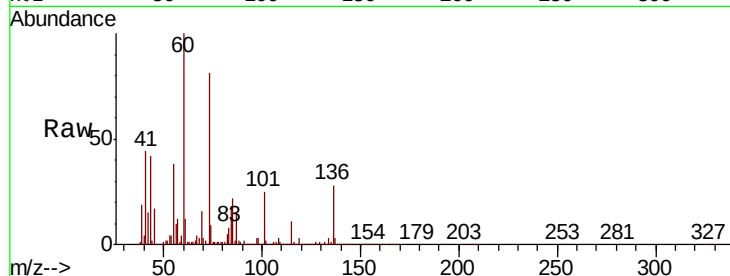




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:	136	Resp:	1190225
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	13.8	5.3	7.9#
68	10.0	4.4	6.6#



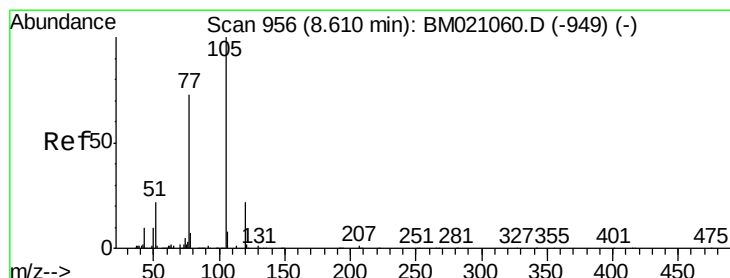
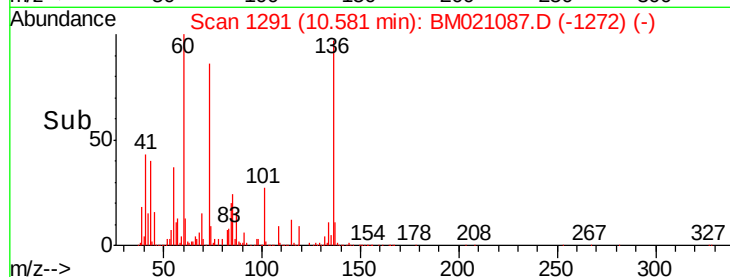
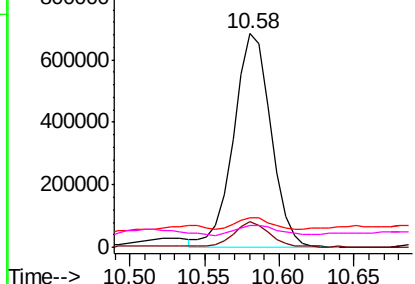
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

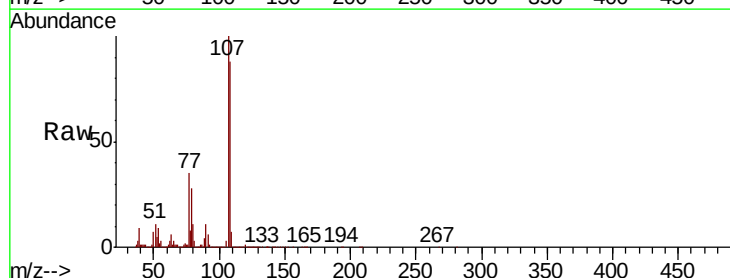
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 24.135 ng
RT: 8.63 min Scan# 960
Delta R.T. 0.02 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:	105	Resp:	732020
Ion	Ratio	Lower	Upper
105	100		
71	3.9	1.2	1.8#
51	345.7	19.1	28.7#
120	17.5	17.9	26.9#



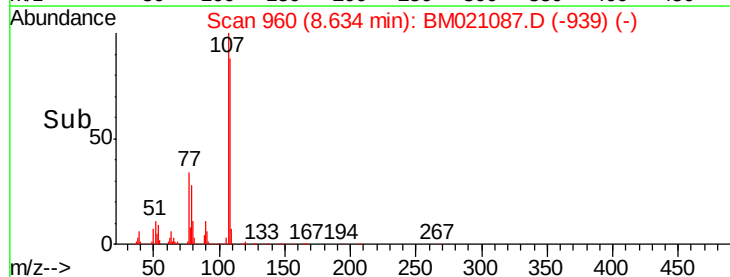
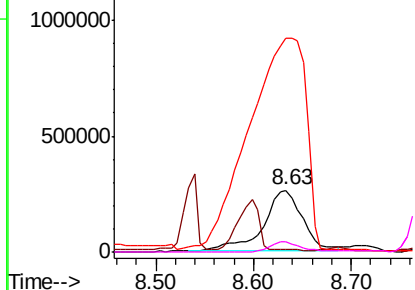
Abundance

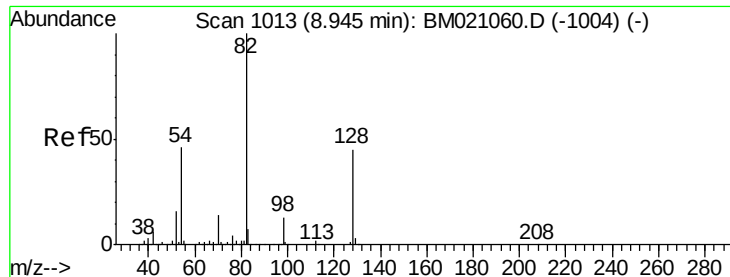
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.744 ng

RT: 8.96 min Scan# 1016

Delta R.T. 0.02 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

Instrument :

BNA_M

ClientSampleId :

KY032MW006-190610

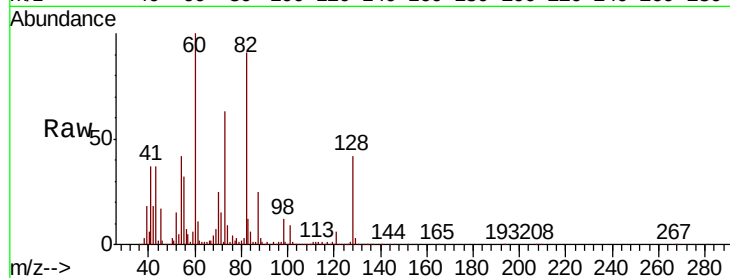
Tgt Ion: 82 Resp: 1844011

Ion Ratio Lower Upper

82 100

128 46.3 35.9 53.9

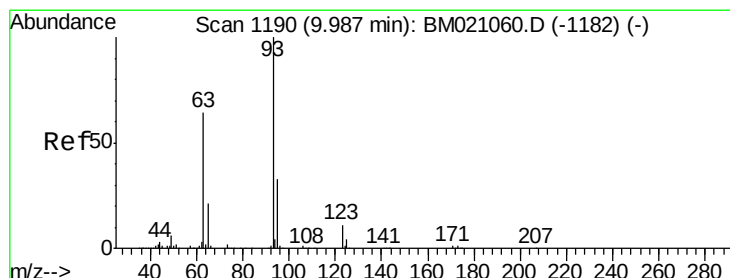
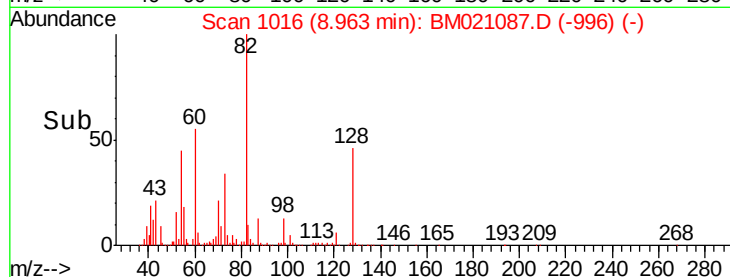
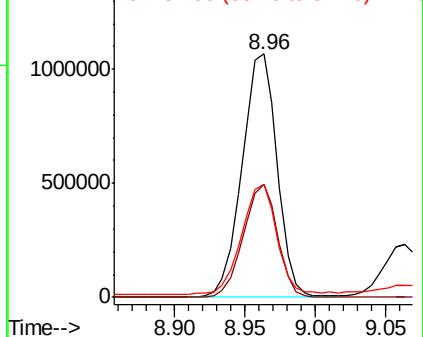
54 46.2 36.6 55.0



Abundance Ion 82.00 (81.70 to 82.70): BM021060.D (-1004) (-)

Ion 128.00 (127.70 to 128.70): BM021060.D (-1004) (-)

Ion 54.00 (53.70 to 54.70): BM021060.D (-1004) (-)



#28

bis(2-Chloroethoxy)methane

Concen: 35.124 ng

RT: 10.06 min Scan# 1202

Delta R.T. 0.07 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

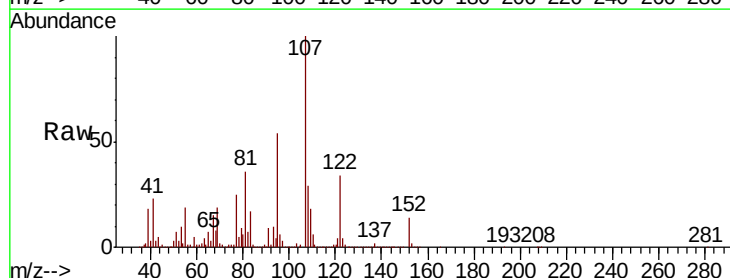
Tgt Ion: 93 Resp: 932655

Ion Ratio Lower Upper

93 100

95 569.6 26.2 39.2#

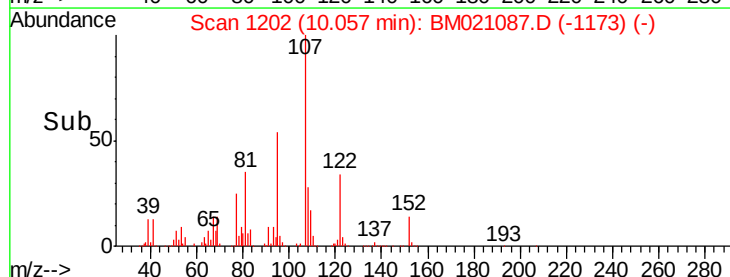
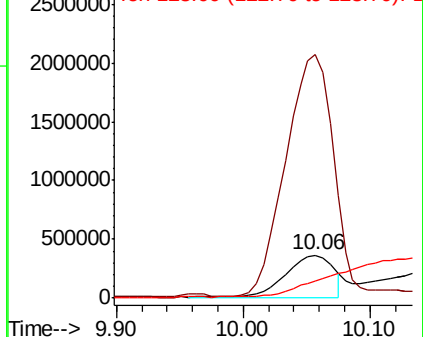
123 40.6 9.0 13.4#

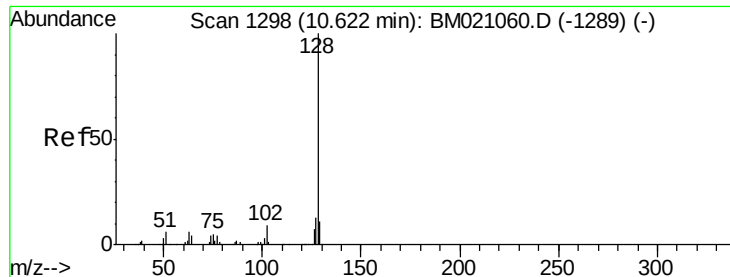


Abundance Ion 93.00 (92.70 to 93.70): BM021060.D (-1182) (-)

Ion 95.00 (94.70 to 95.70): BM021060.D (-1182) (-)

Ion 123.00 (122.70 to 123.70): BM021060.D (-1182) (-)

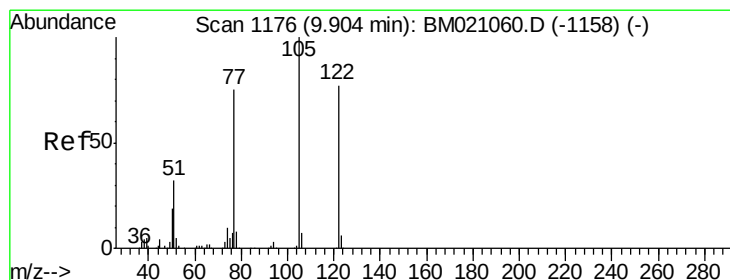
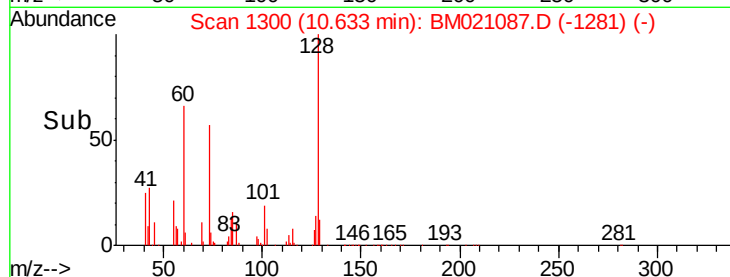
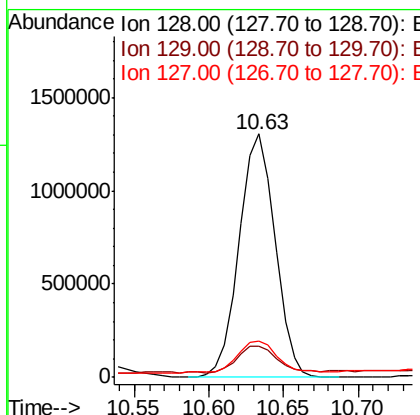
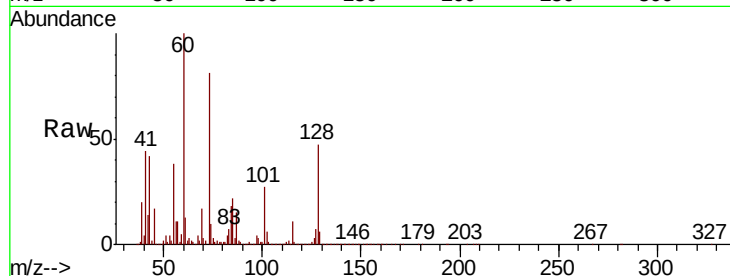




#31
Naphthalene
Concen: 34.415 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

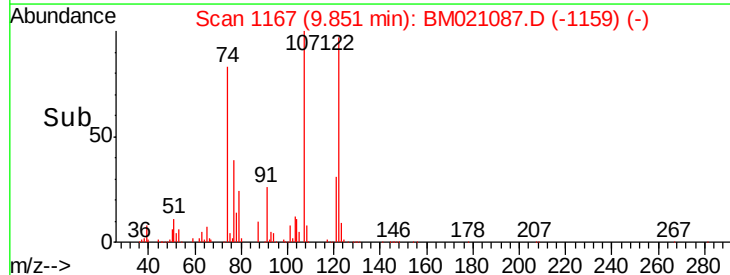
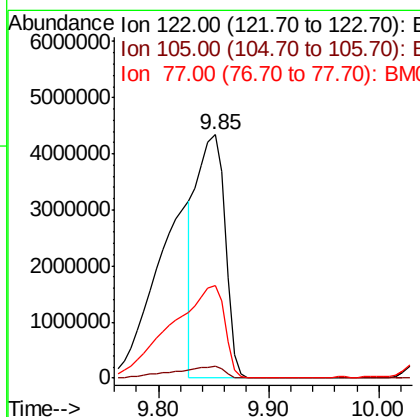
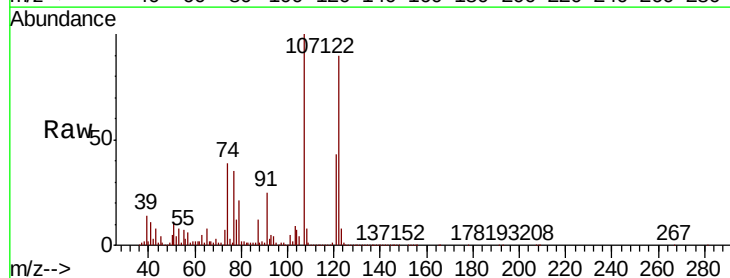
Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

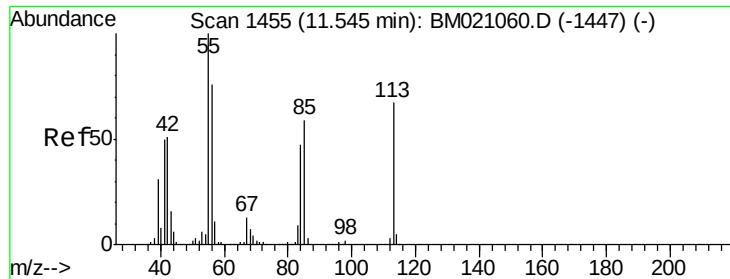
Tgt Ion:128 Resp: 2167687
Ion Ratio Lower Upper
128 100
129 12.9 8.6 13.0
127 15.2 10.8 16.2



#32
Benzoic acid
Concen: 587.036 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.05 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:122 Resp: 7672777
Ion Ratio Lower Upper
122 100
105 4.7 108.9 148.9#
77 38.2 76.7 116.7#

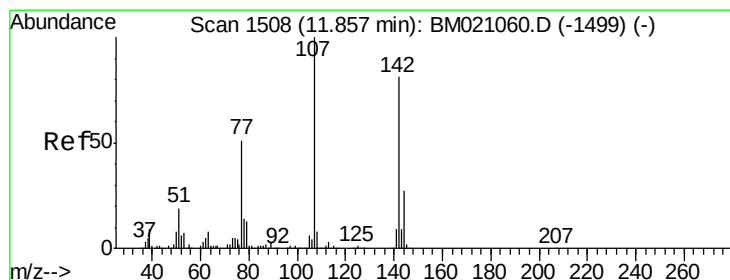
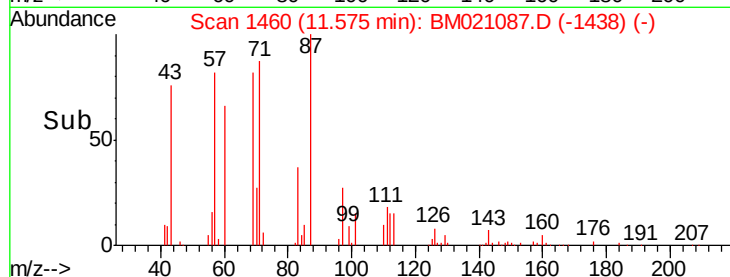
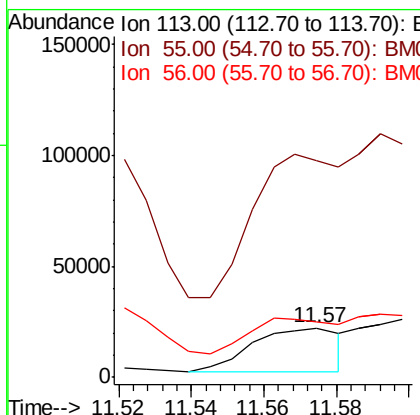
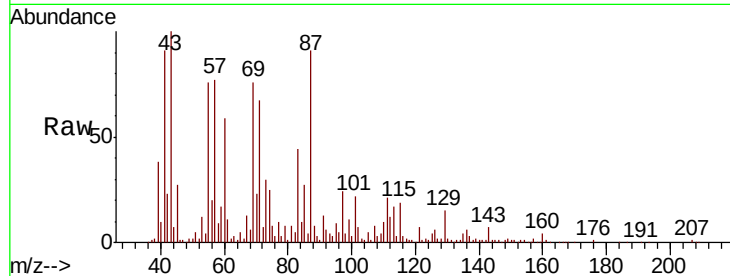




#35
 Caprolactam
 Concen: 5.095 ng
 RT: 11.57 min Scan# 1460
 Delta R.T. 0.03 min
 Lab File: BM021087.D
 Acq: 21 Jun 2019 17:23

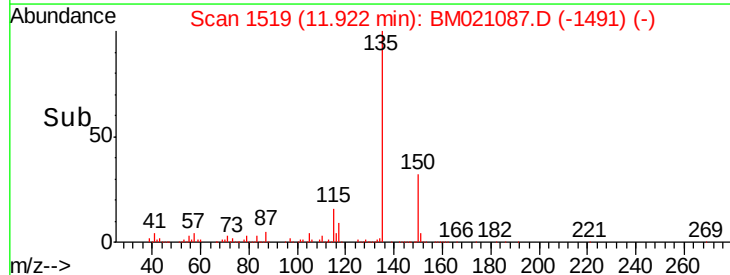
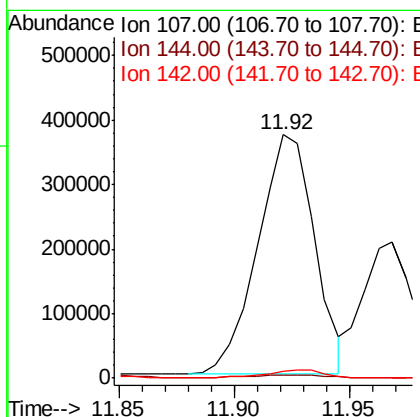
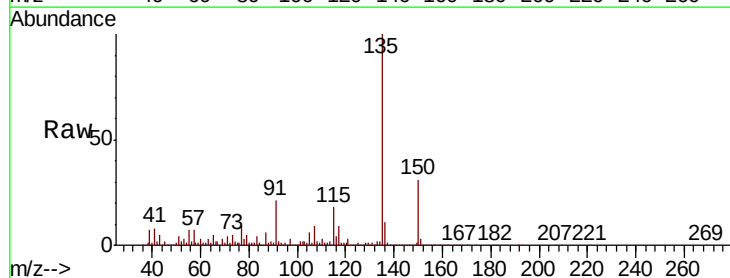
Instrument :
 BNA_M
 ClientSampleId :
 KY032MW006-190610

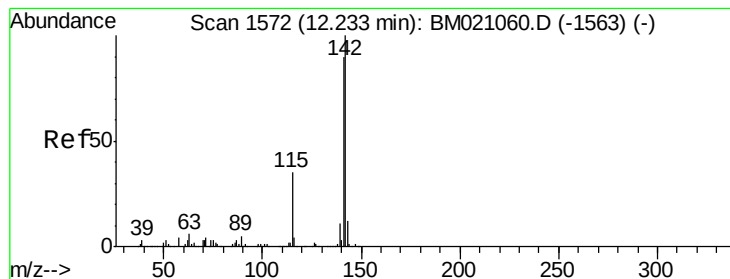
Tgt Ion:113 Resp: 33322
 Ion Ratio Lower Upper
 113 100
 55 440.5 129.8 169.8#
 56 113.7 94.3 134.3



#36
 4-Chloro-3-methylphenol
 Concen: 29.729 ng
 RT: 11.92 min Scan# 1519
 Delta R.T. 0.06 min
 Lab File: BM021087.D
 Acq: 21 Jun 2019 17:23

Tgt Ion:107 Resp: 632556
 Ion Ratio Lower Upper
 107 100
 144 1.5 21.3 31.9#
 142 3.1 64.9 97.3#





#37

2-Methylnaphthalene

Concen: 4.054 ng

RT: 12.25 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

Instrument :

BNA_M

ClientSampleId :

KY032MW006-190610

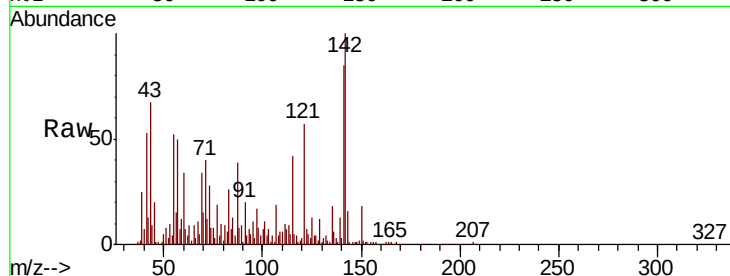
Tgt Ion:142 Resp: 196462

Ion Ratio Lower Upper

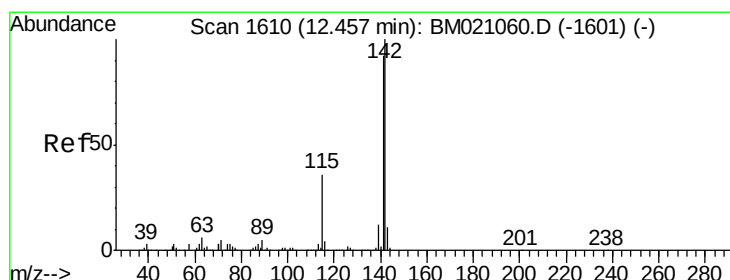
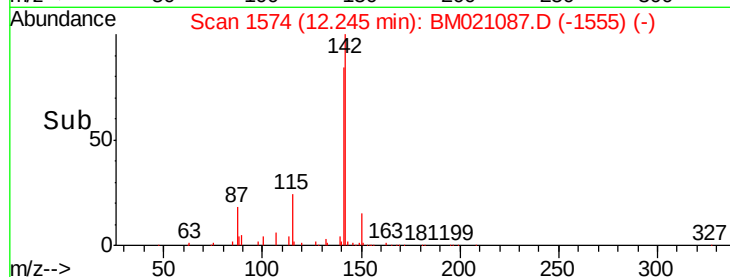
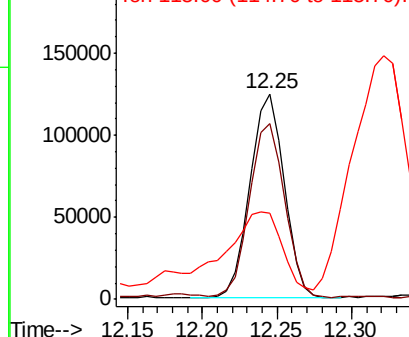
142 100

141 85.3 72.2 108.2

115 41.8 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.549 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

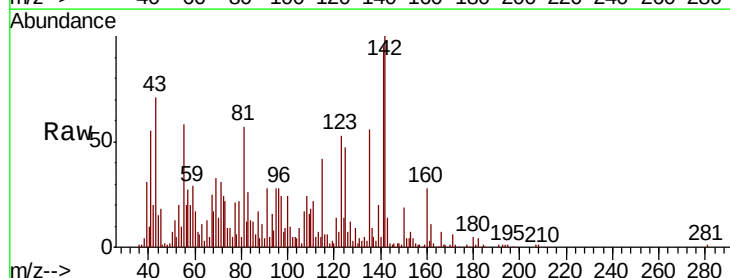
Tgt Ion:142 Resp: 117811

Ion Ratio Lower Upper

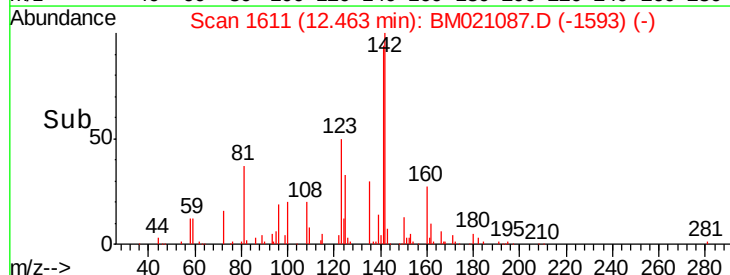
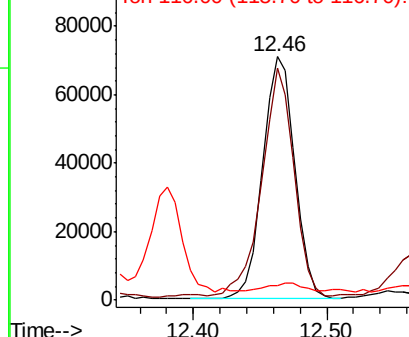
142 100

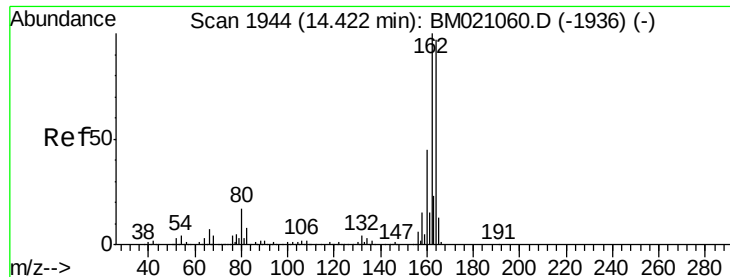
141 95.2 73.9 110.9

116 5.8 3.0 4.6#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

Instrument :

BNA_M

ClientSampleId :

KY032MW006-190610

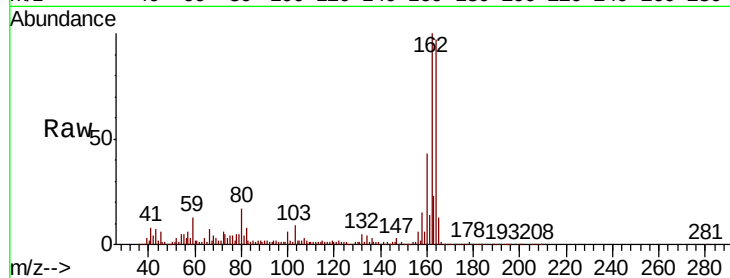
Tgt Ion:164 Resp: 723495

Ion Ratio Lower Upper

164 100

162 103.5 82.1 123.1

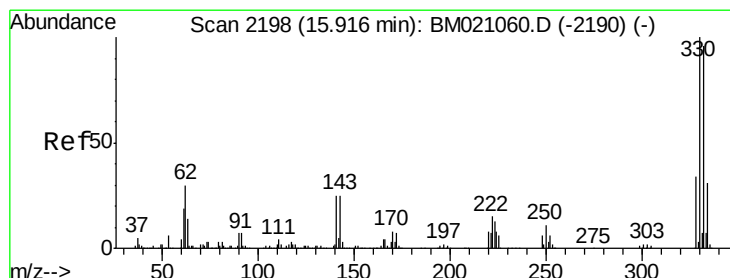
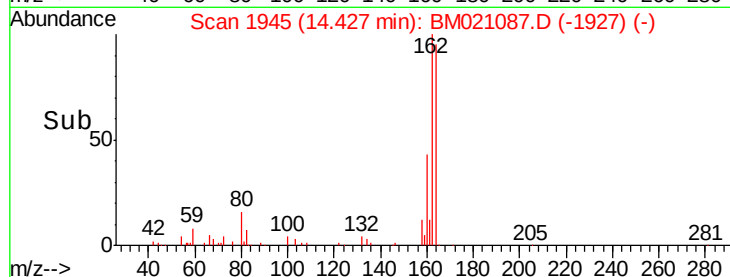
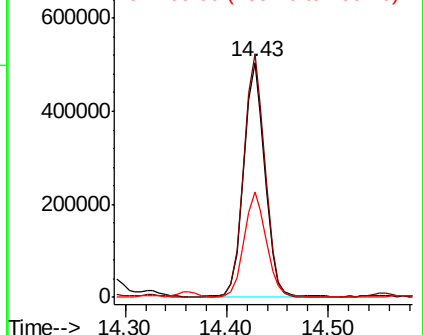
160 44.8 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 118.371 ng

RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

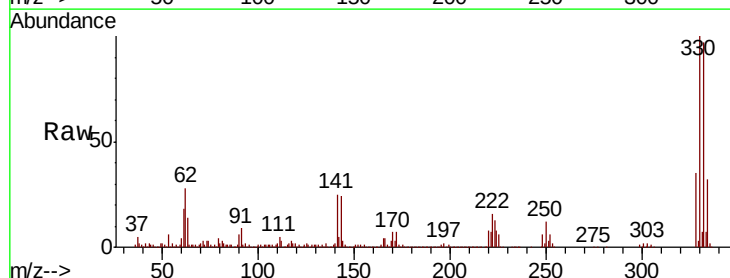
Tgt Ion:330 Resp: 1607011

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

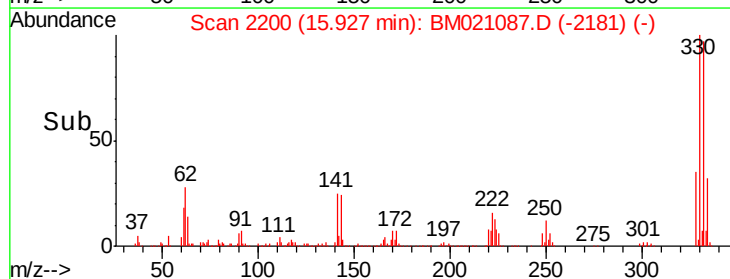
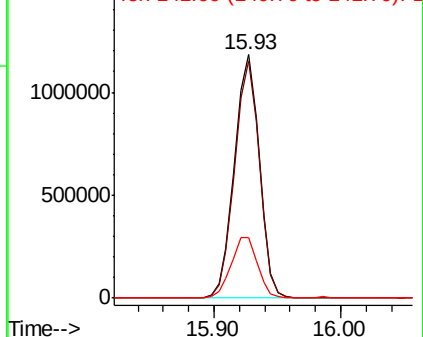
141 26.1 21.8 32.8

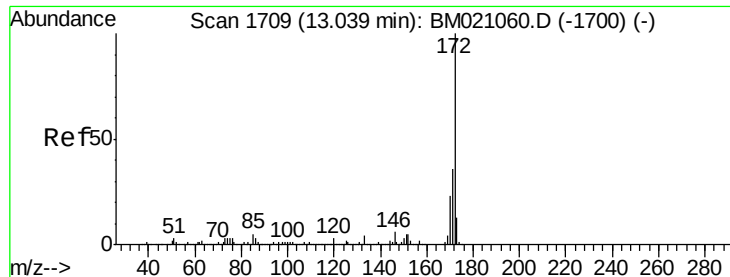


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

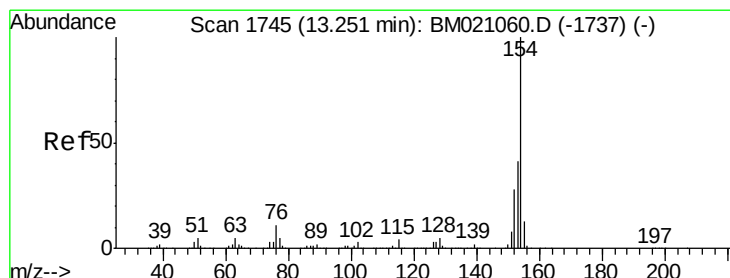
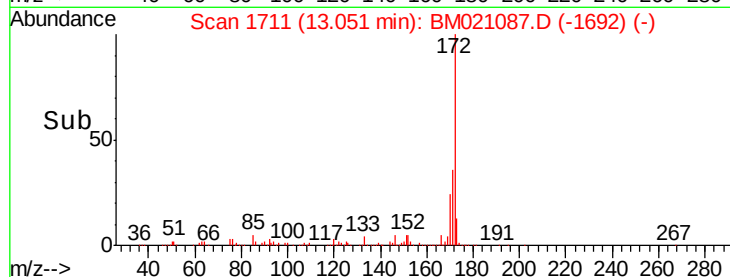
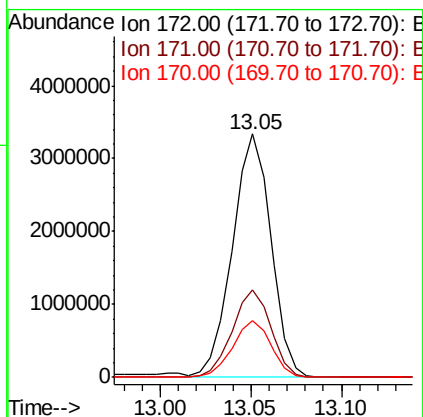
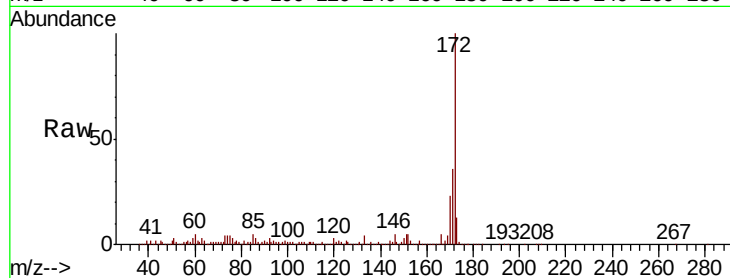




#45
2-Fluorobiphenyl
Concen: 83.809 ng
RT: 13.05 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

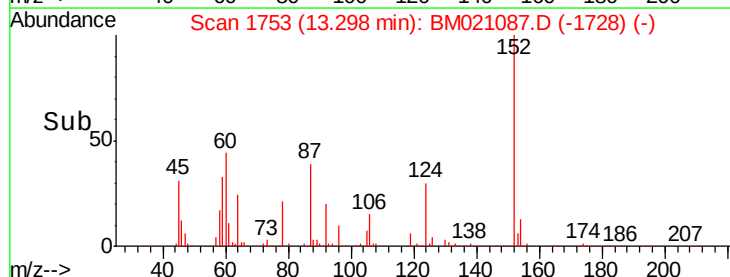
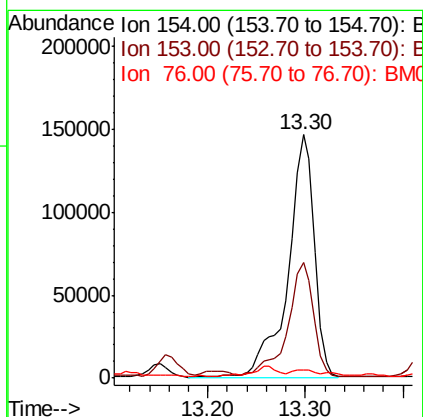
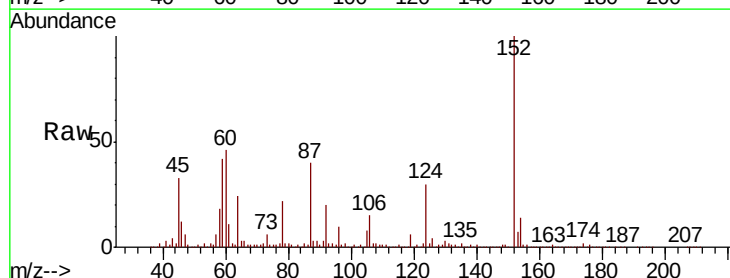
Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

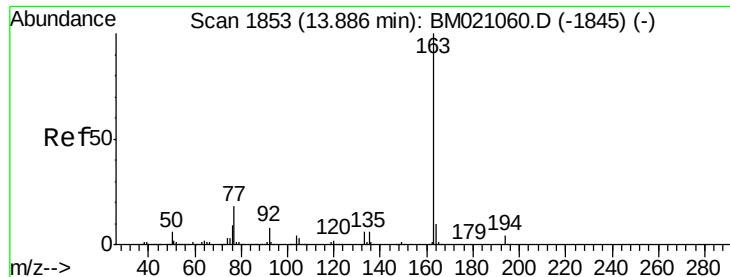
Tgt Ion:172 Resp: 4933721
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.5 18.7 28.1



#46
1,1'-Biphenyl
Concen: 4.425 ng
RT: 13.30 min Scan# 1753
Delta R.T. 0.05 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:154 Resp: 274034
Ion Ratio Lower Upper
154 100
153 47.6 21.3 61.3
76 3.5 0.0 30.9





#50

Dimethylphthalate

Concen: 5.148 ng

RT: 13.90 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

Instrument :

BNA_M

ClientSampleId :

KY032MW006-190610

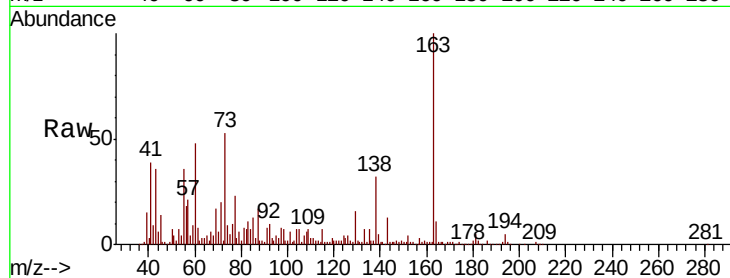
Tgt Ion:163 Resp: 331176

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

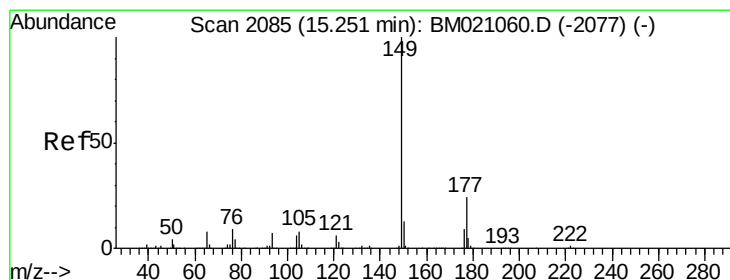
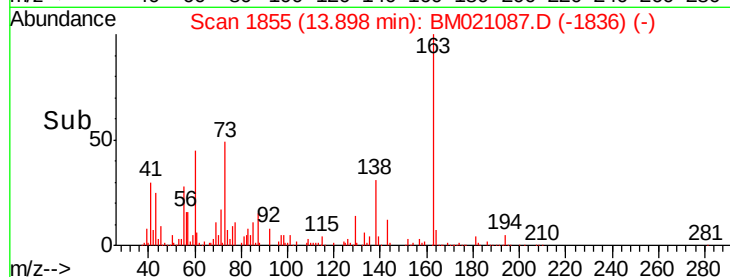
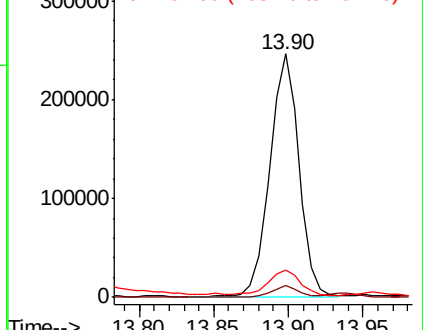
164 11.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#60

Diethylphthalate

Concen: 6.046 ng

RT: 15.26 min Scan# 2086

Delta R.T. 0.01 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

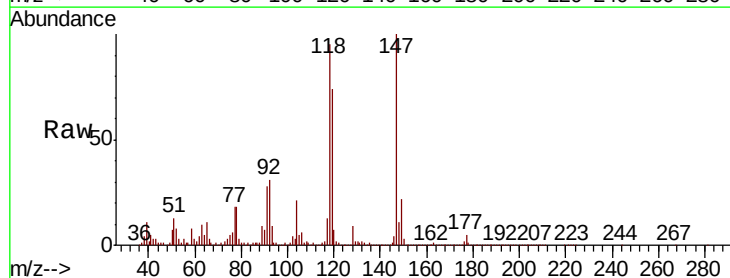
Tgt Ion:149 Resp: 383051

Ion Ratio Lower Upper

149 100

177 23.5 19.1 28.7

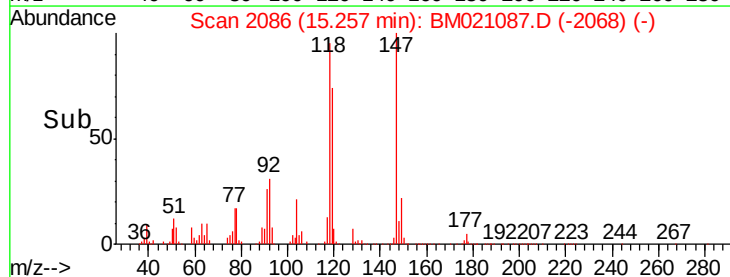
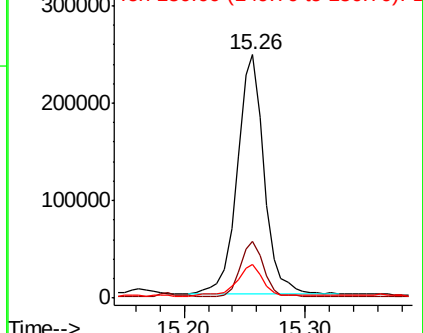
150 13.7 10.1 15.1

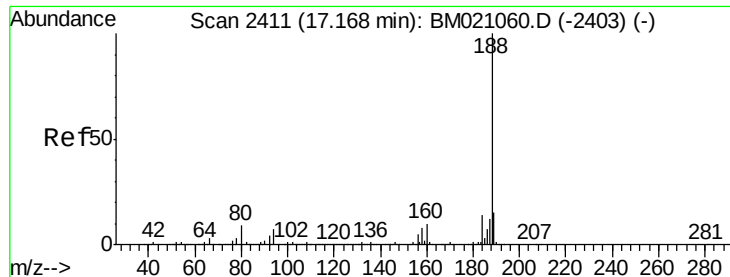


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

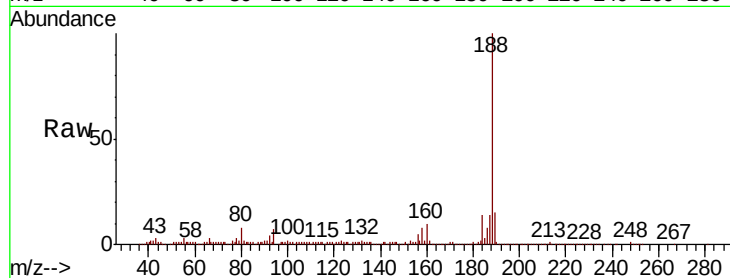




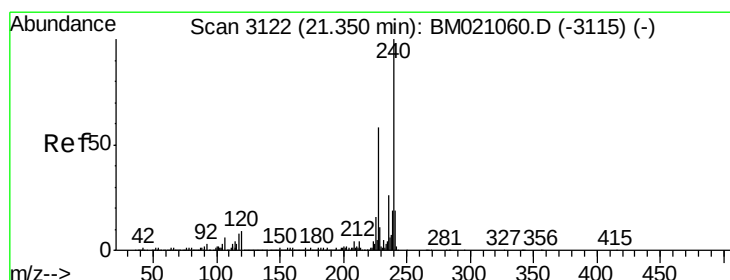
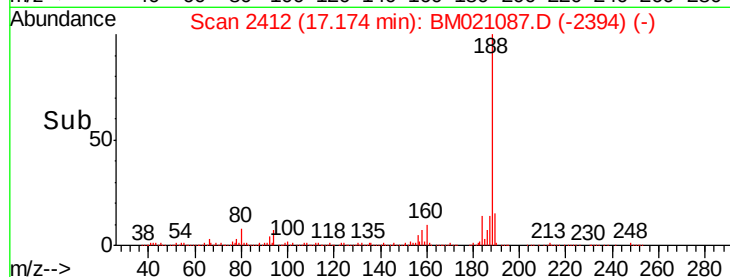
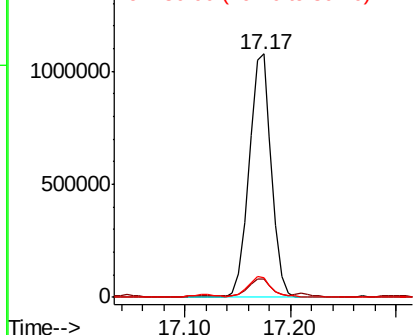
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Instrument :
BNA_M
ClientSampleId :
KY032MW006-190610

Tgt Ion:188 Resp: 1563787
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.8
80 8.3 6.9 10.3

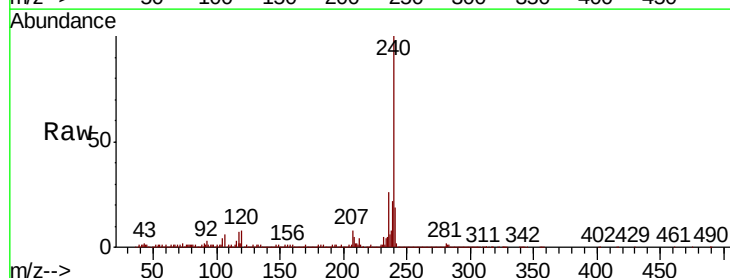


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

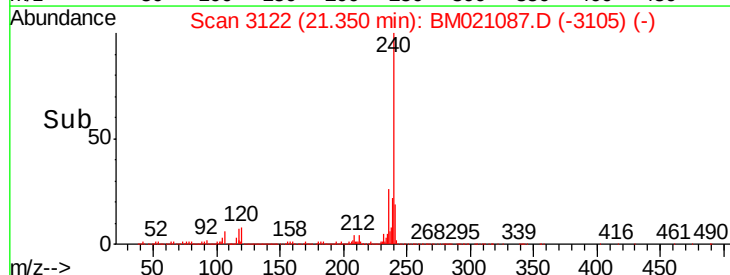
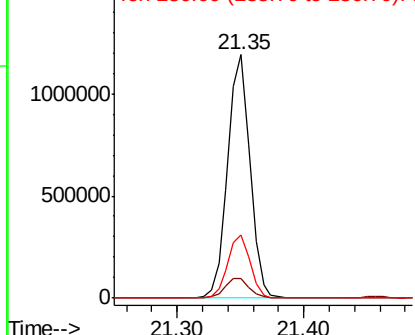


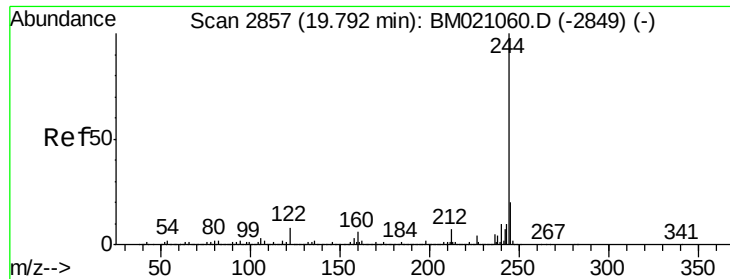
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM021087.D
Acq: 21 Jun 2019 17:23

Tgt Ion:240 Resp: 1440645
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.9 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: 75.931 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

Instrument :

BNA_M

ClientSampleId :

KY032MW006-190610

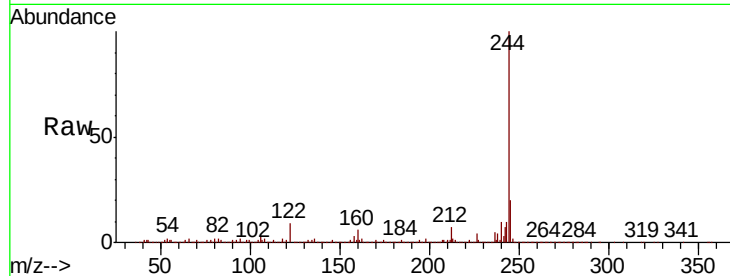
Tgt Ion:244 Resp: 5856828

Ion Ratio Lower Upper

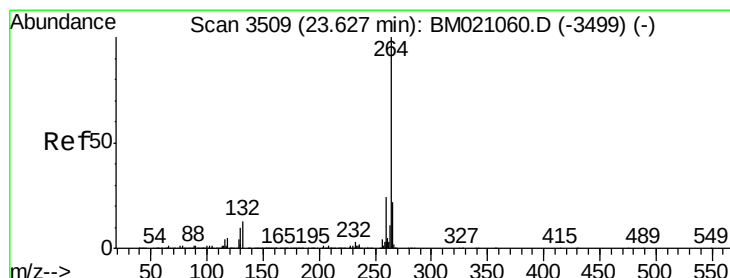
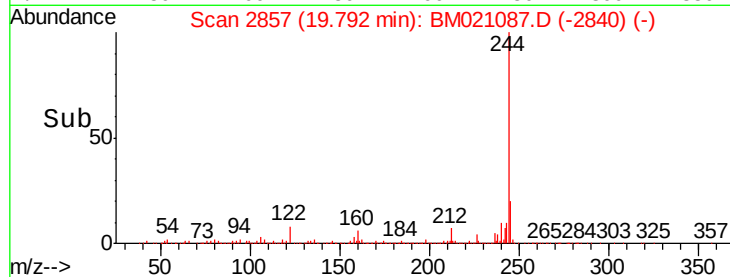
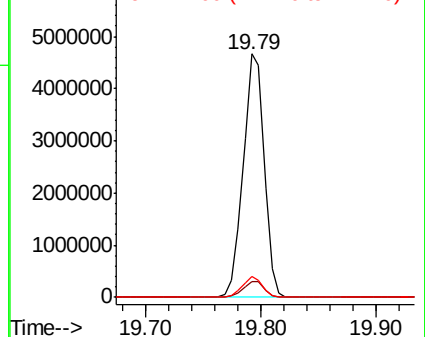
244 100

212 6.7 5.3 7.9

122 8.6 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BM021087.D

Acq: 21 Jun 2019 17:23

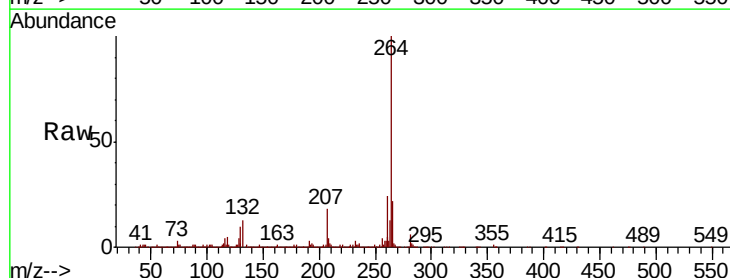
Tgt Ion:264 Resp: 1619599

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.8 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

