

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021319\
 Data File : BM018807.D
 Acq On : 13 Feb 2019 18:21
 Operator : JU/SJ
 Sample : K1343-28
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-N

Quant Time: Feb 14 00:51:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	300402	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1179795	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	645258	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1468930	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1522009	20.00	ng	0.00
87) Perylene-d12	23.56	264	1407362	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2967677	161.87	ng	0.00
7) Phenol-d6	6.89	99	3708794	143.59	ng	0.00
23) Nitrobenzene-d5	8.88	82	2844341	111.48	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1543030	165.90	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5396977	111.03	ng	0.00
79) Terphenyl-d14	19.75	244	8848098	119.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	350	0.044	ng	# 1
3) Pyridine	3.65	79	366	0.017	ng	# 1
4) n-Nitrosodimethylamine	3.57	42	956	0.173	ng	# 1
8) 2-Chlorophenol	7.28	128	700	0.035	ng	# 1
9) Benzaldehyde	6.89	77	7493	Below Cal		# 7
10) Phenol	6.89	94	421	0.015	ng	# 1
15) Benzyl Alcohol	8.03	79	40334	1.965	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	8.24	45	234	0.012	ng	# 49
18) Hexachloroethane	8.81	117	110	0.013	ng	# 34
22) Acetophenone	8.55	105	2003	0.062	ng	# 50
24) Nitrobenzene	8.96	77	364	0.014	ng	# 44
25) Isophorone	9.41	82	634	0.016	ng	# 68
31) Naphthalene	10.55	128	55724	0.968	ng	# 99
37) 2-Methylnaphthalene	12.17	142	9317	0.230	ng	# 97
38) 1-Methylnaphthalene	12.39	142	6435	0.162	ng	# 96
46) 1,1'-Biphenyl	13.19	154	10733	0.193	ng	# 93
49) Acenaphthylene	14.09	152	285	0.004	ng	# 61
50) Dimethylphthalate	13.88	163	112	0.002	ng	# 78
52) Acenaphthene	14.42	154	6463	0.165	ng	# 89
55) Dibenzofuran	14.77	168	7456	0.116	ng	# 90
58) Fluorene	15.42	166	6551	0.133	ng	# 92
60) Diethylphthalate	15.19	149	1374	0.025	ng	# 70
63) Azobenzene	15.71	77	205	0.003	ng	# 59
71) Phenanthrene	17.15	178	13487	0.171	ng	# 98
72) Anthracene	17.25	178	1323	0.017	ng	# 61
73) Carbazole	17.55	167	1205	0.015	ng	# 58
74) Di-n-butylphthalate	18.08	149	3179	0.034	ng	# 78
75) Fluoranthene	19.18	202	1829	0.020	ng	# 73
78) Pyrene	19.55	202	1281	0.014	ng	# 57
80) Butylbenzylphthalate	20.44	149	1486	0.037	ng	# 84
81) Benzo(a)anthracene	21.30	228	4571	0.052	ng	# 73
82) 3,3'-Dichlorobenzidine	21.24	252	477	0.014	ng	# 8
83) Chrysene	21.34	228	785	0.009	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.21	149	1511	0.026	ng	# 93

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Misc :
ALS Vial : 6 Sample Multiplier: 1

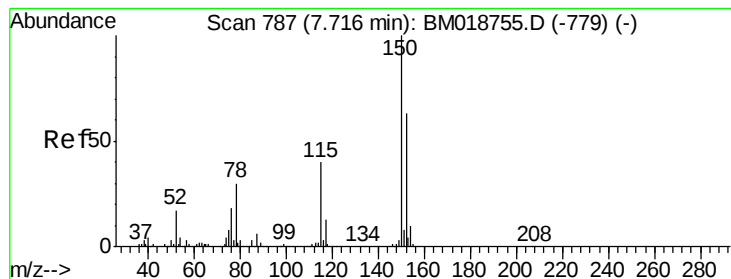
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-N

Quant Time: Feb 14 00:51:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	22.10	149	1616	0.016	ng	# 8
88) Benzo(b)fluoranthene	22.88	252	1156	0.014	ng	# 1
89) Benzo(k)fluoranthene	22.97	252	326	0.004	ng	# 1
90) Benzo(a)pyrene	23.49	252	110	0.001	ng	# 1

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

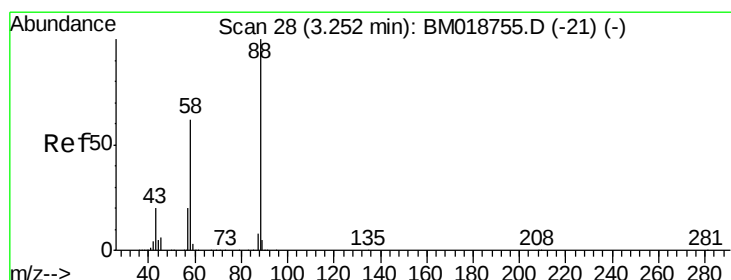
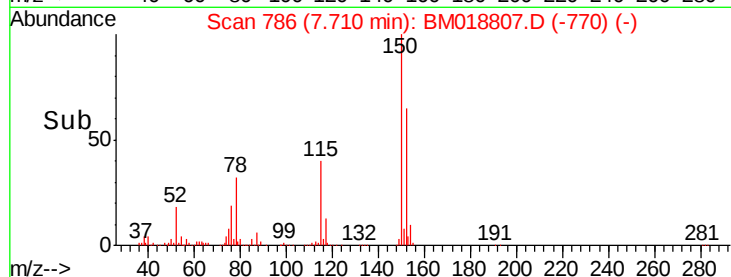
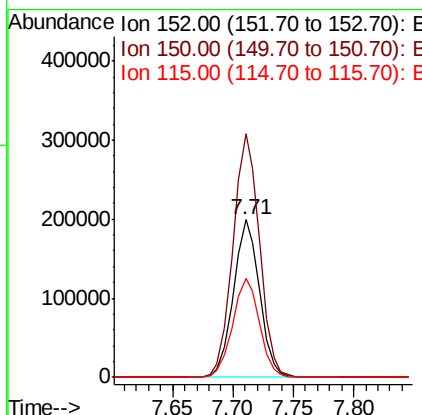
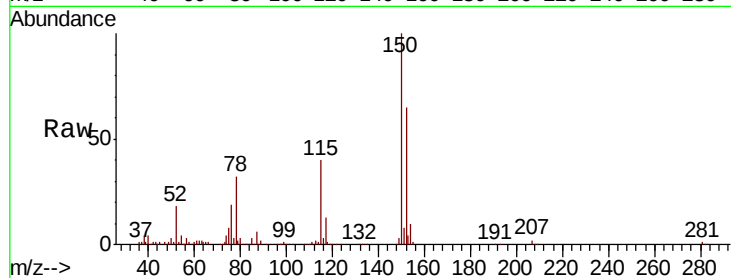
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Misc      :
ALS Vial  : 6      Sample Multiplier: 1
```



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BM018807.D
 Acq: 13 Feb 2019 18:21

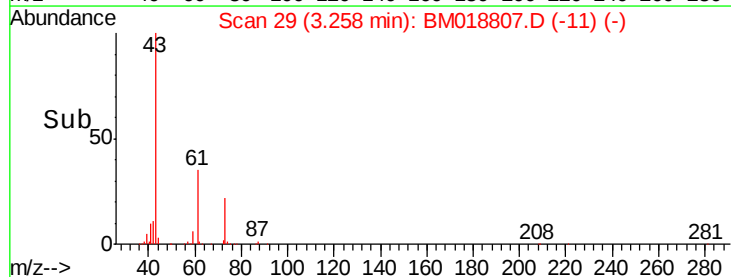
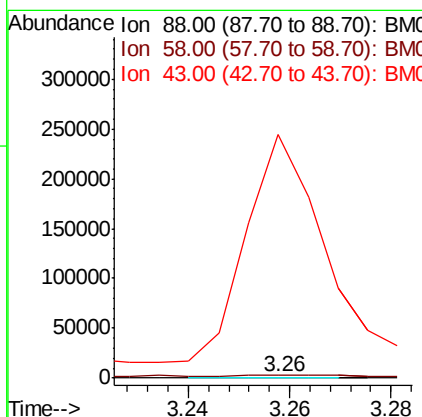
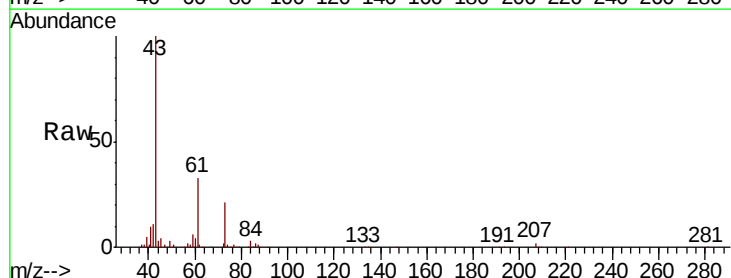
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-N

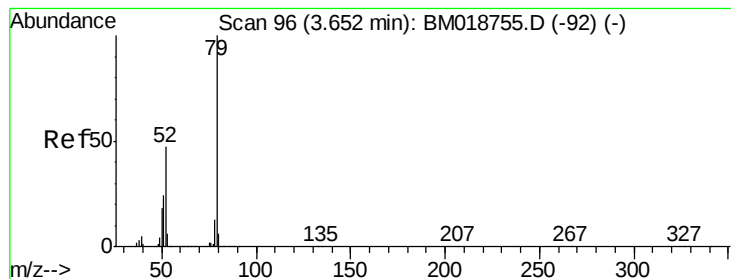
Tgt Ion: 152 Resp: 300402
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.3 190.9
 115 62.6 50.8 76.2



#2
 1,4-Dioxane
 Concen: 0.044 ng
 RT: 3.26 min Scan# 29
 Delta R.T. 0.01 min
 Lab File: BM018807.D
 Acq: 13 Feb 2019 18:21

Tgt Ion: 88 Resp: 350
 Ion Ratio Lower Upper
 88 100
 58 358.3 49.8 74.6#
 43 71786.9 16.7 25.1#





#3

Pyridine

Concen: 0.017 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

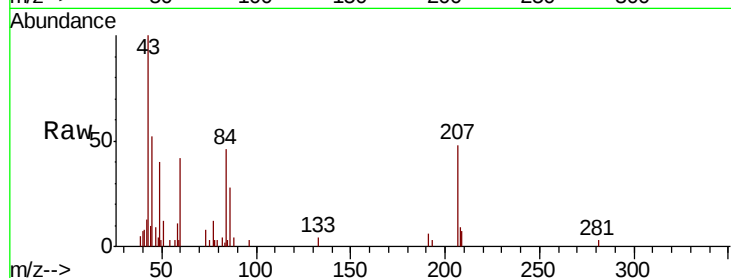
Tgt Ion: 79 Resp: 366

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

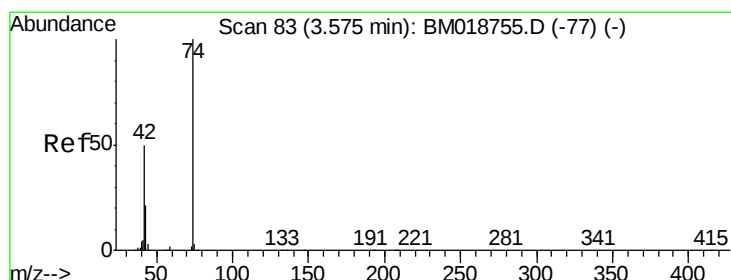
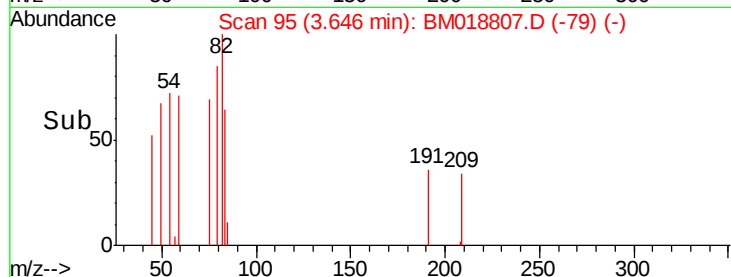
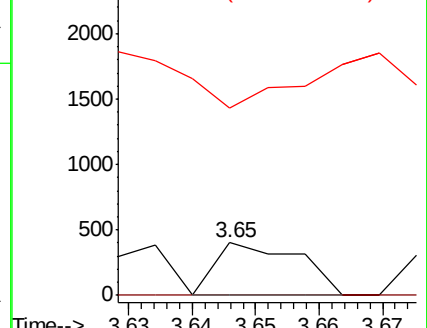
51 357.0 19.7 29.5#



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 0.173 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

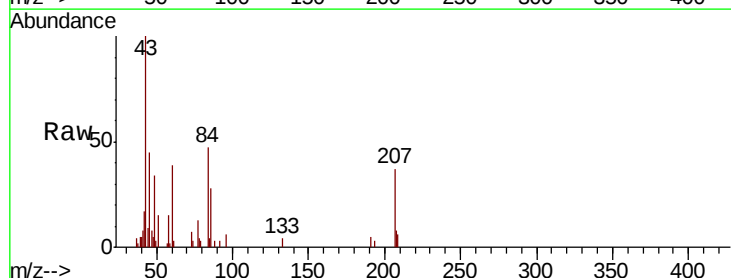
Tgt Ion: 42 Resp: 956

Ion Ratio Lower Upper

42 100

74 18.3 158.1 237.1#

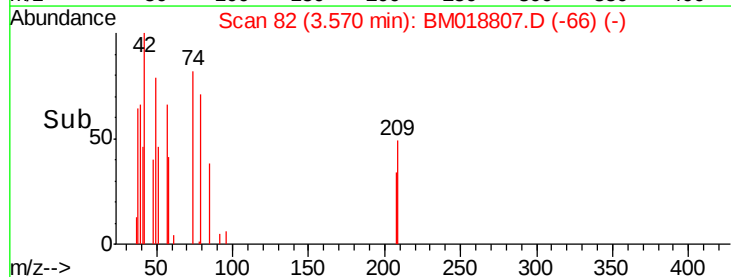
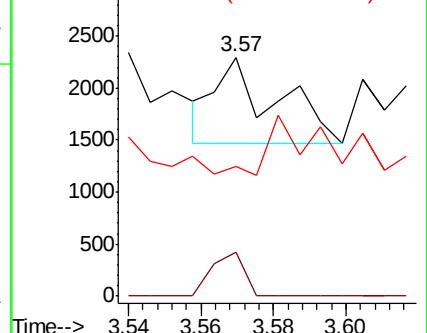
44 54.2 4.9 7.3#

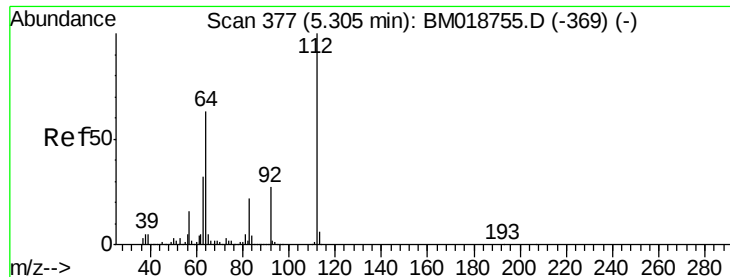


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 161.865 ng

RT: 5.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

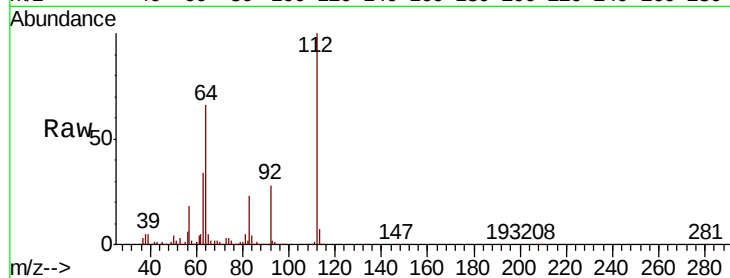
Tgt Ion: 112 Resp: 2967677

Ion Ratio Lower Upper

112 100

64 65.6 50.6 75.8

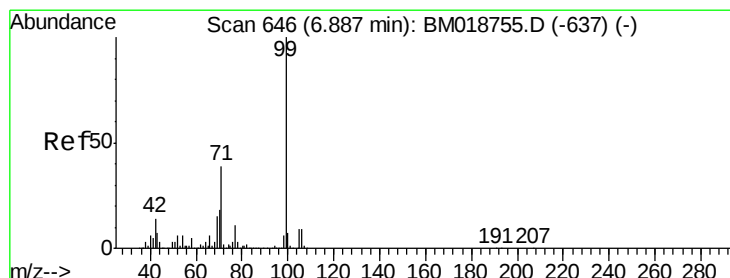
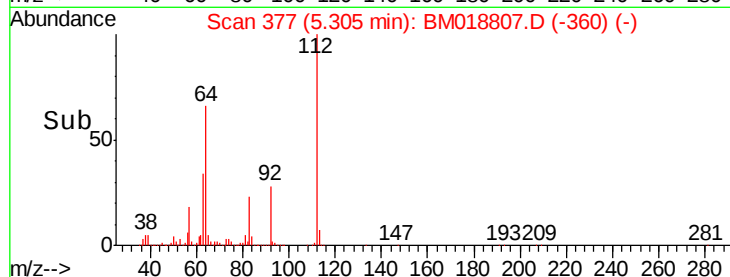
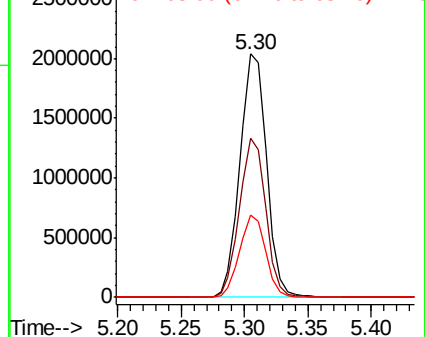
63 33.7 25.7 38.5



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: 143.593 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

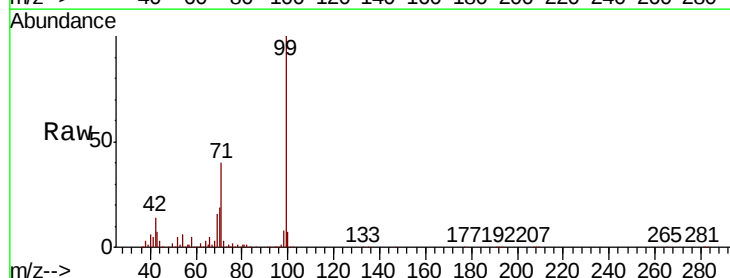
Tgt Ion: 99 Resp: 3708794

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

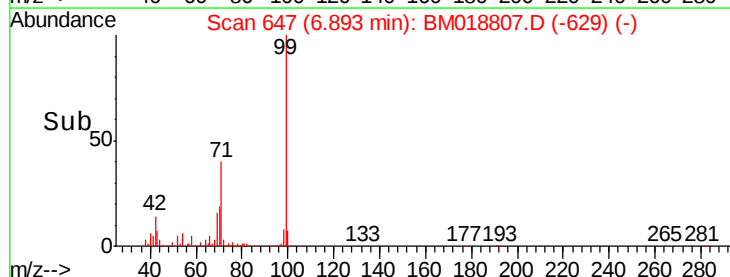
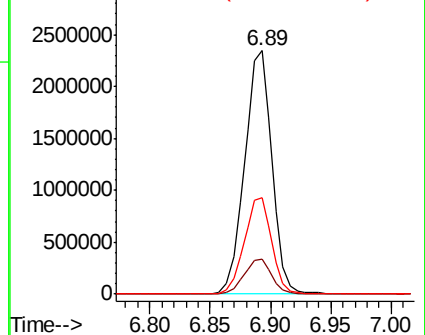
71 39.6 31.3 46.9

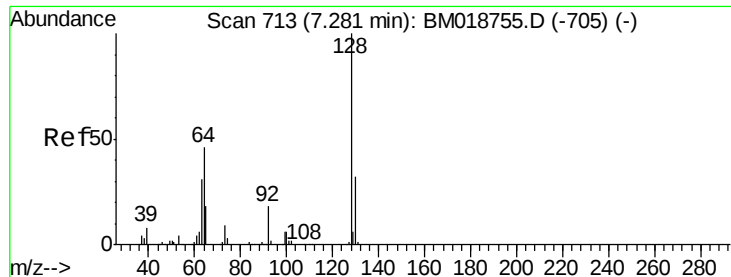


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.035 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

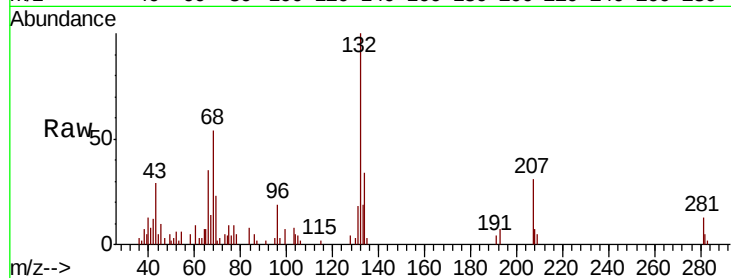
Tgt Ion:128 Resp: 700

Ion Ratio Lower Upper

128 100

130 70.3 11.7 51.7#

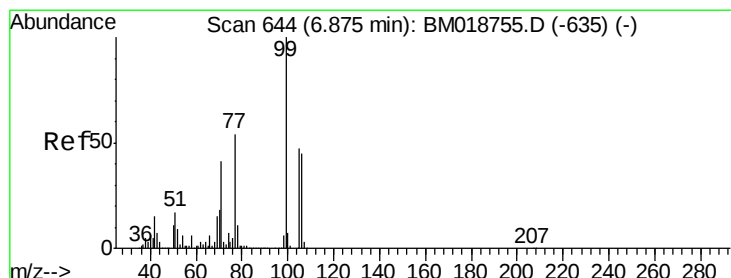
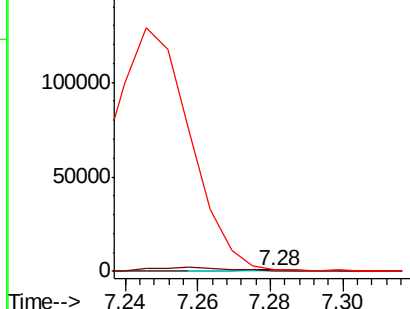
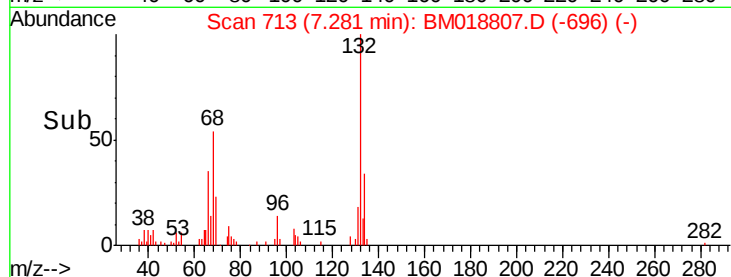
64 193.9 31.0 71.0#



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.89 min Scan# 646

Delta R.T. 0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

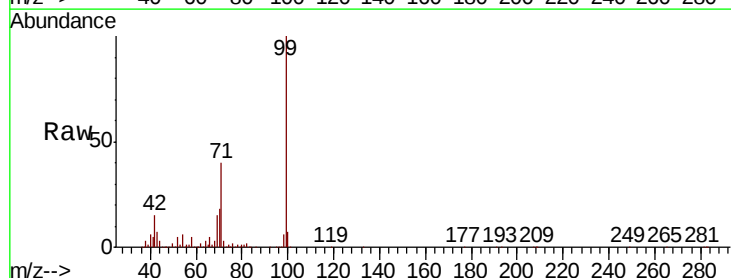
Tgt Ion: 77 Resp: 7493

Ion Ratio Lower Upper

77 100

105 0.0 67.3 107.3#

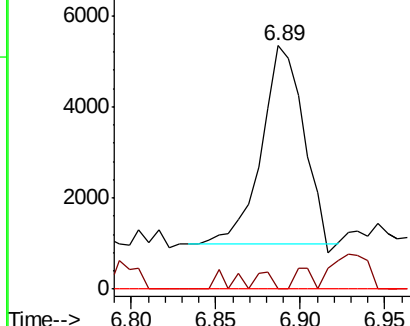
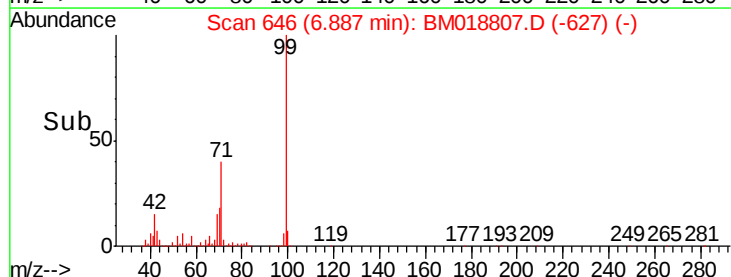
106 0.0 62.9 102.9#

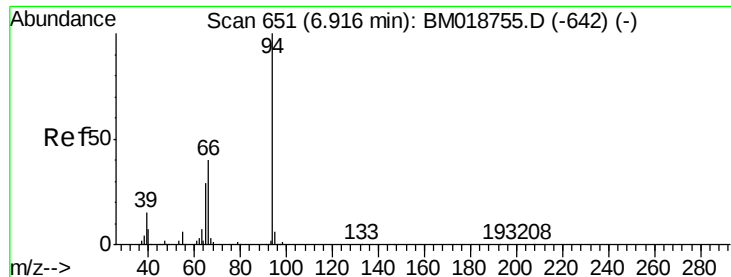


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.015 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

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ClientSampleId :

JC-02-021119-N

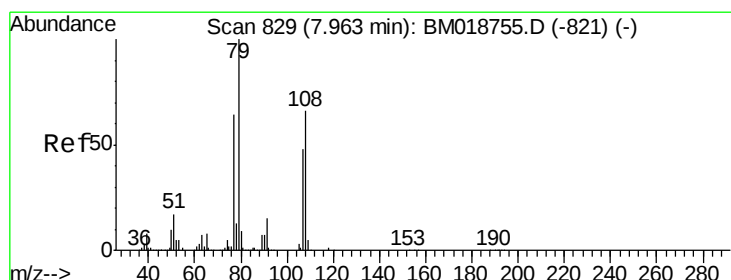
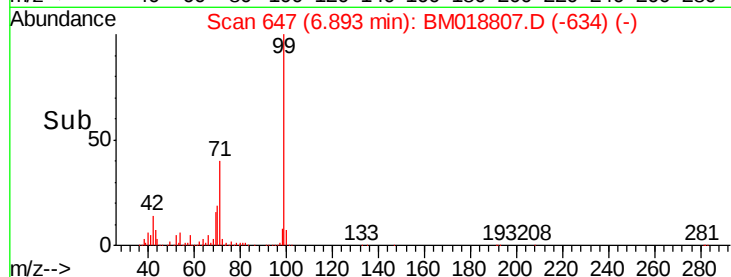
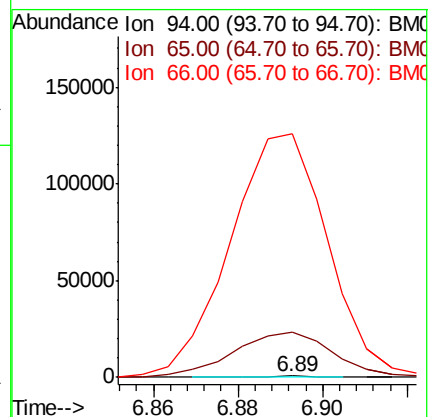
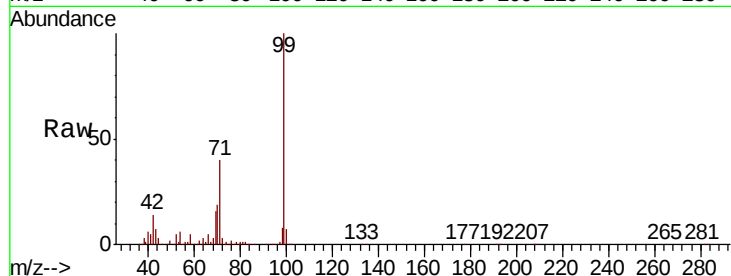
Tgt Ion: 94 Resp: 421

Ion Ratio Lower Upper

94 100

65 4090.6 9.6 49.6#

66 22275.4 20.4 60.4#



#15

Benzyl Alcohol

Concen: 1.965 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.06 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

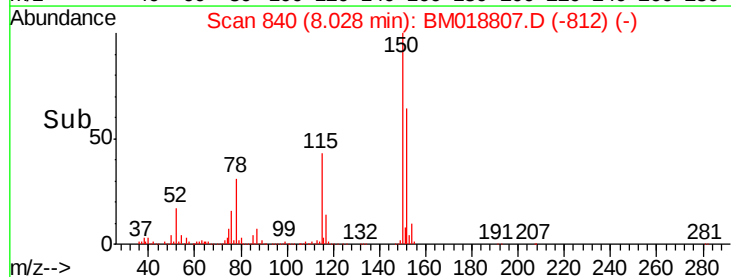
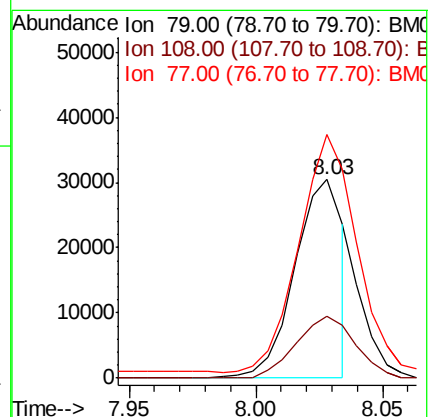
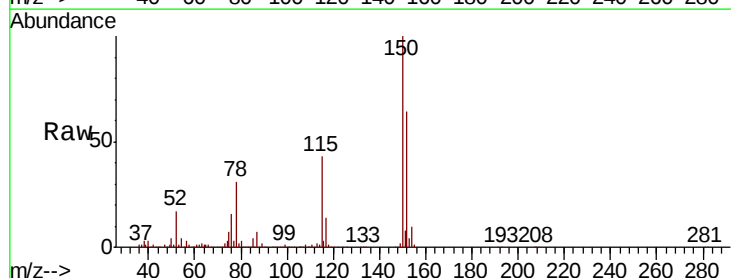
Tgt Ion: 79 Resp: 40334

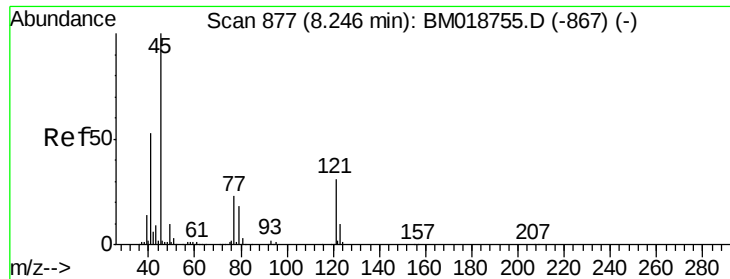
Ion Ratio Lower Upper

79 100

108 31.1 52.7 79.1#

77 122.7 51.0 76.4#

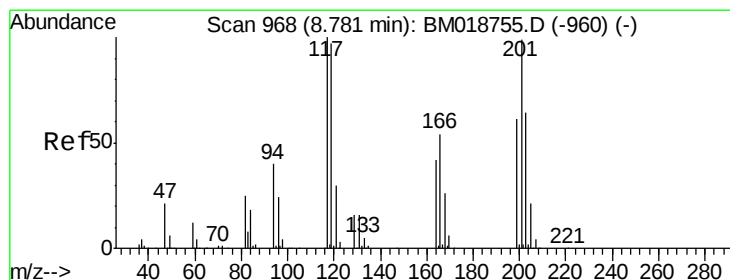
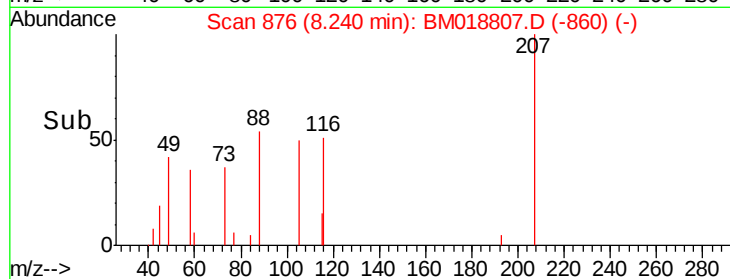
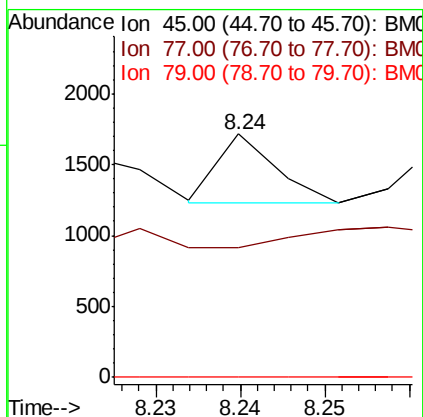
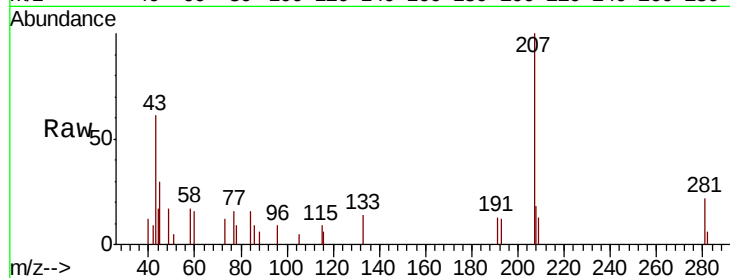




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.012 ng
 RT: 8.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BM018807.D
 Acq: 13 Feb 2019 18:21

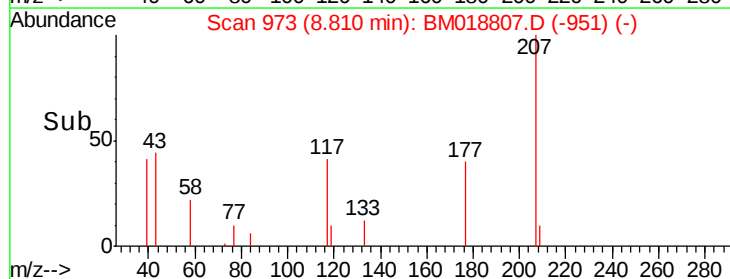
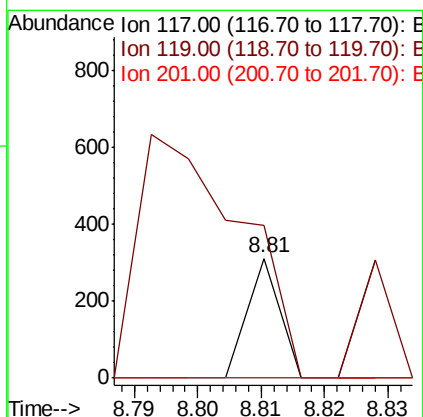
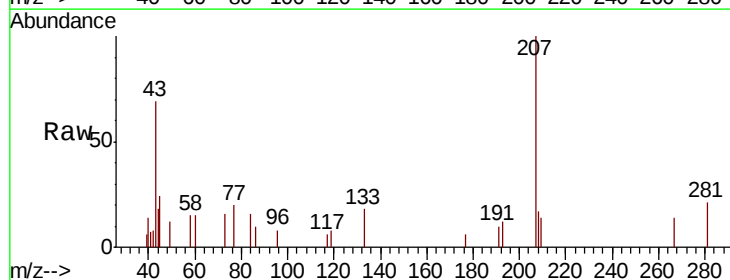
Instrument :
 BNA_M
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 JC-02-021119-N

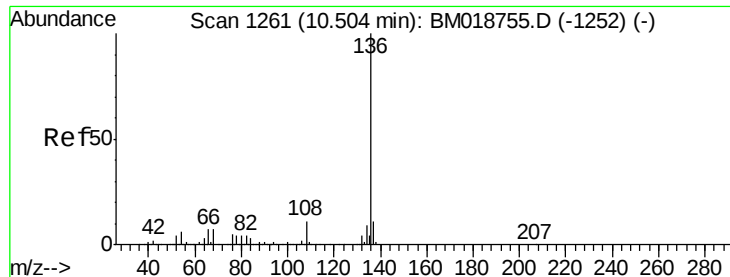
Tgt Ion: 45 Resp: 234
 Ion Ratio Lower Upper
 45 100
 77 53.5 5.0 45.0#
 79 0.0 0.0 39.3



#18
 Hexachloroethane
 Concen: 0.013 ng
 RT: 8.81 min Scan# 973
 Delta R.T. 0.03 min
 Lab File: BM018807.D
 Acq: 13 Feb 2019 18:21

Tgt Ion: 117 Resp: 110
 Ion Ratio Lower Upper
 117 100
 119 128.0 77.9 116.9#
 201 0.0 79.2 118.8#

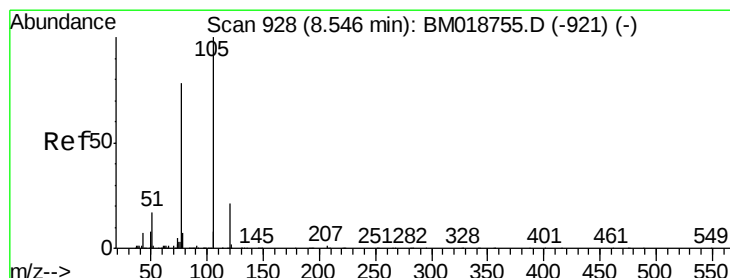
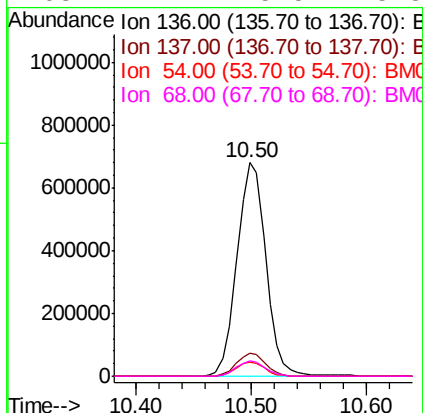
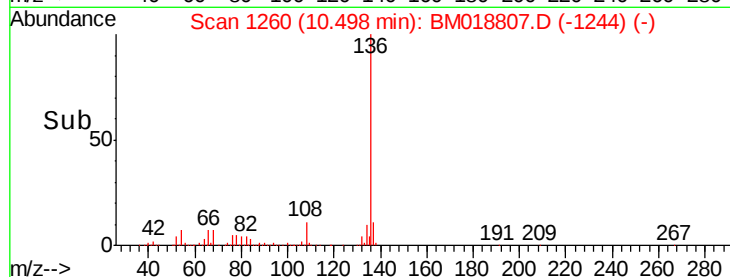
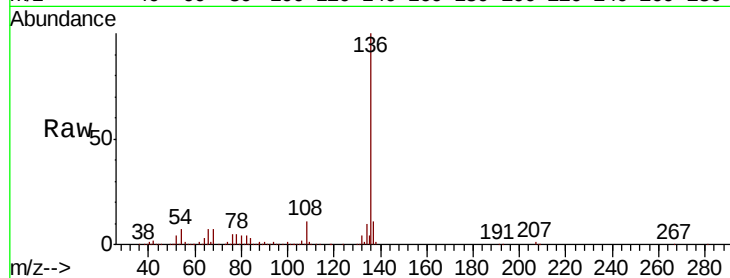




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

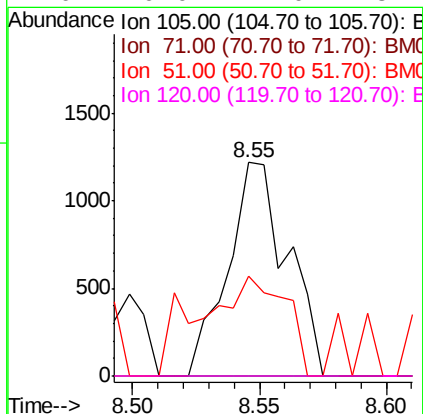
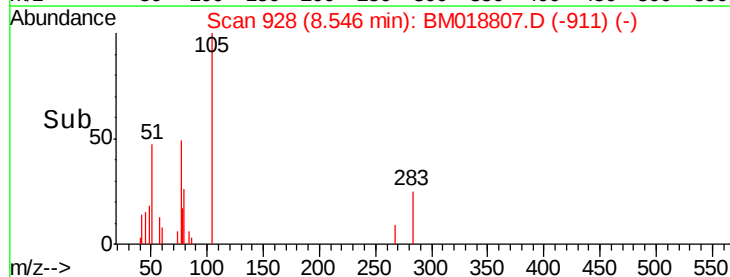
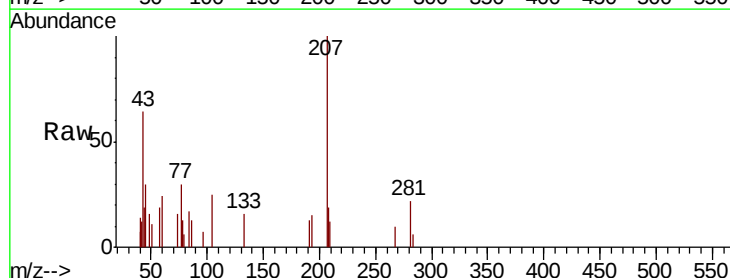
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-N

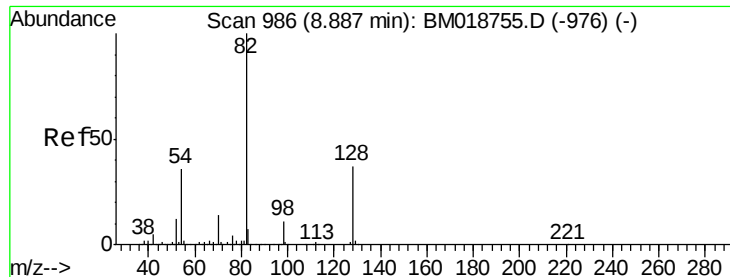
Tgt Ion:	136	Resp:	1179795
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.0	7.6
68	7.1	5.5	8.3



#22
Acetophenone
Concen: 0.062 ng
RT: 8.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Tgt Ion:	105	Resp:	2003
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	46.5	15.5	23.3#
120	0.0	17.0	25.4#

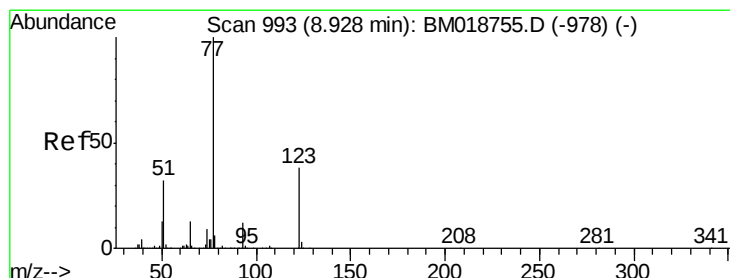
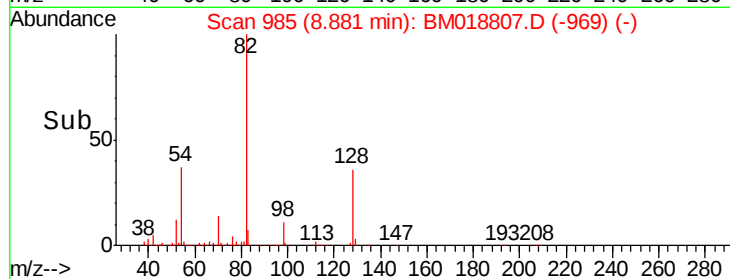
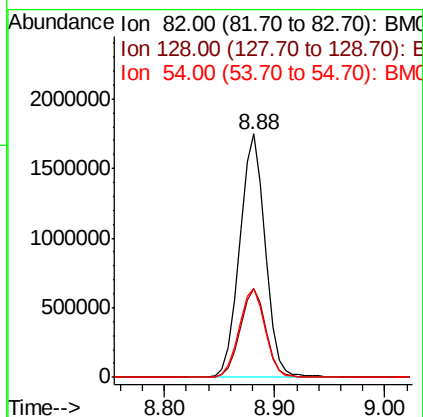
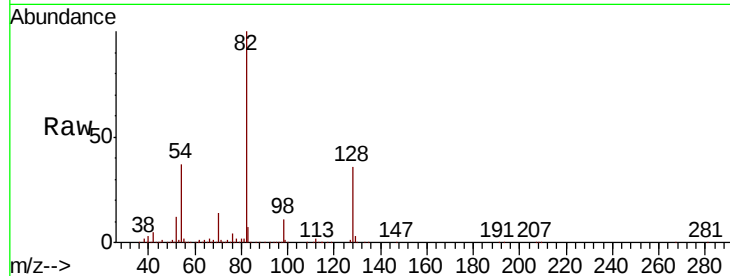




#23
Nitrobenzene-d5
Concen: 111.476 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

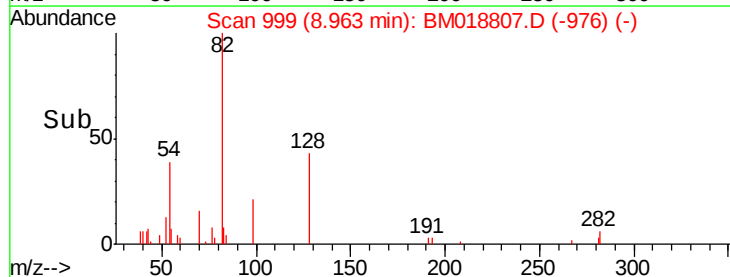
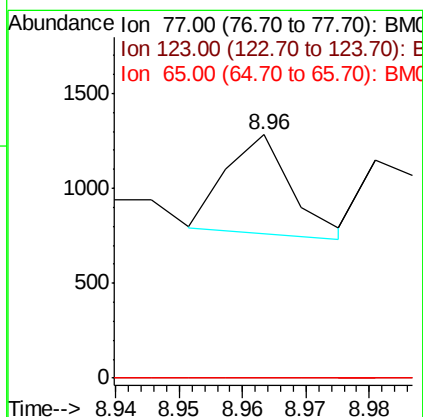
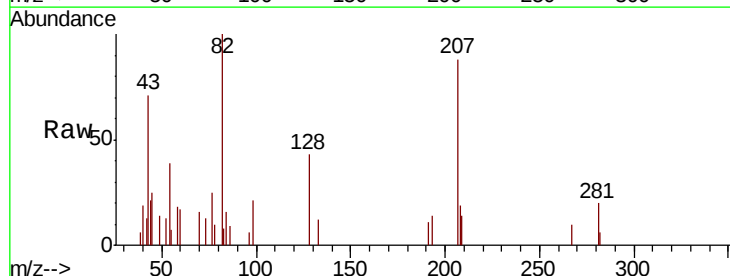
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-N

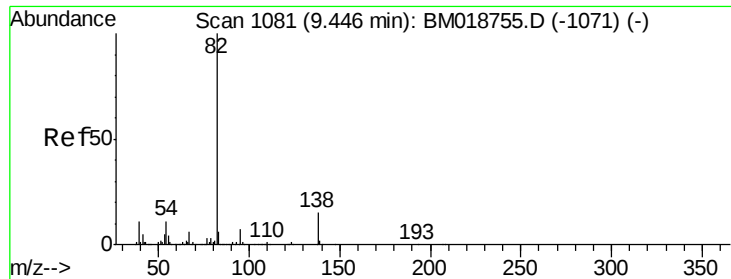
Tgt Ion: 82 Resp: 2844341
Ion Ratio Lower Upper
82 100
128 36.4 29.9 44.9
54 36.7 29.1 43.7



#24
Nitrobenzene
Concen: 0.014 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.04 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Tgt Ion: 77 Resp: 364
Ion Ratio Lower Upper
77 100
123 0.0 30.7 46.1#
65 0.0 10.5 15.7#





#25

Isophorone

Concen: 0.016 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

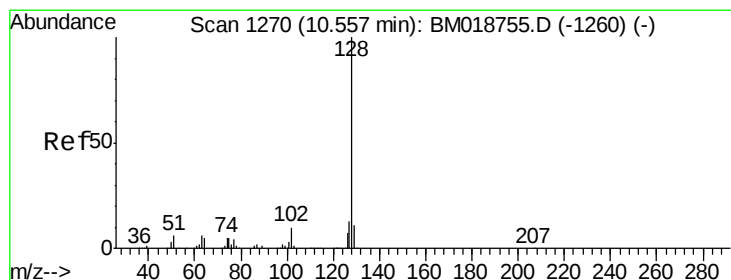
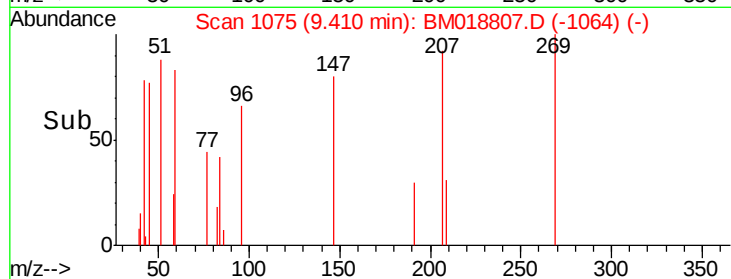
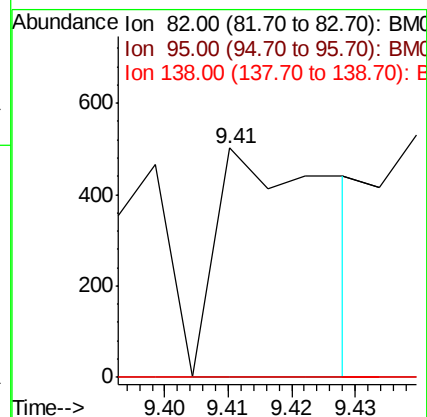
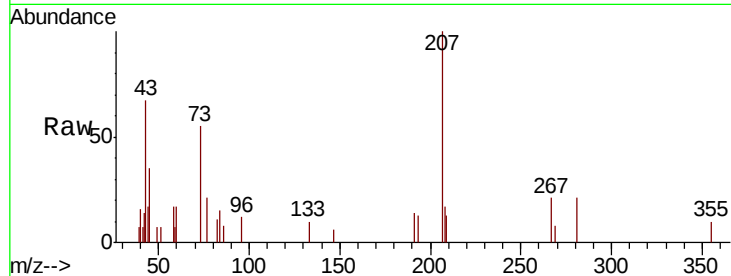
Tgt Ion: 82 Resp: 634

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 12.3 18.5#



#31

Naphthalene

Concen: 0.968 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

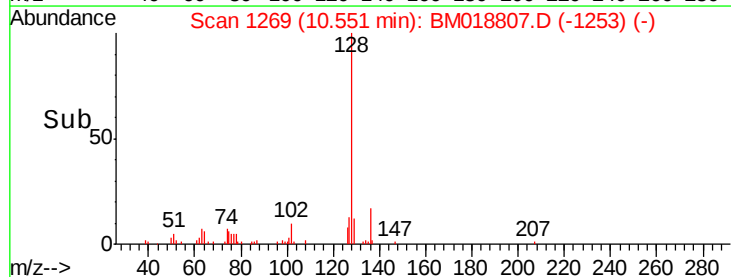
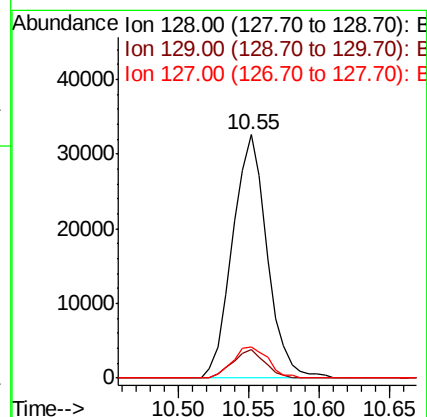
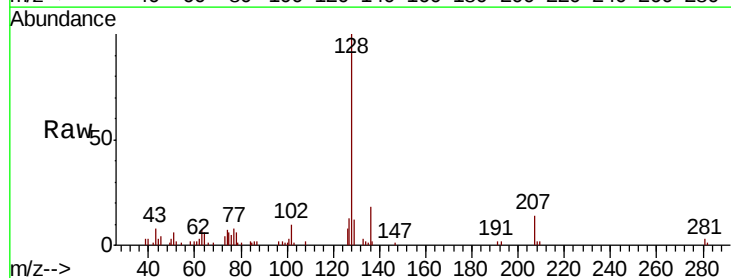
Tgt Ion: 128 Resp: 55724

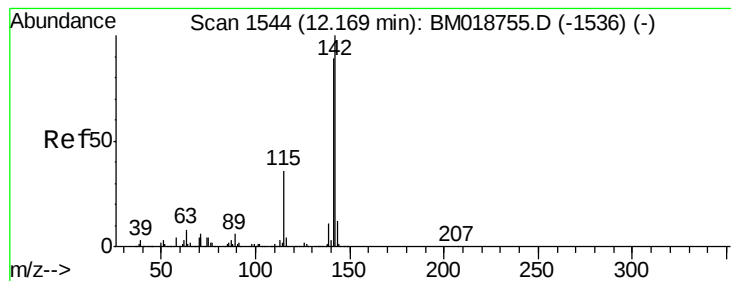
Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

127 12.9 10.7 16.1





#37

2-Methylnaphthalene

Concen: 0.230 ng

RT: 12.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

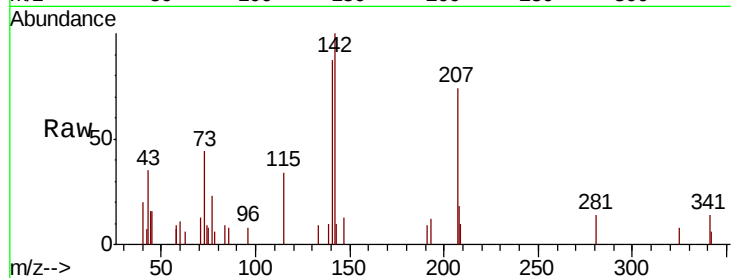
Tgt Ion:142 Resp: 9317

Ion Ratio Lower Upper

142 100

141 86.6 71.2 106.8

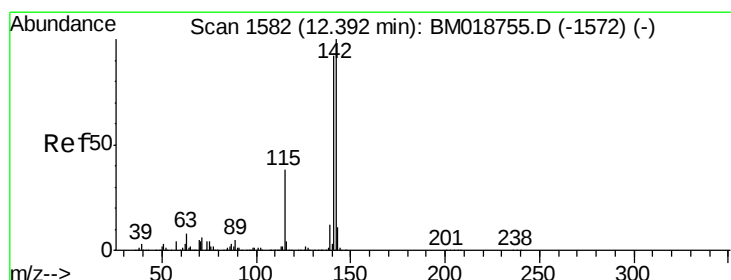
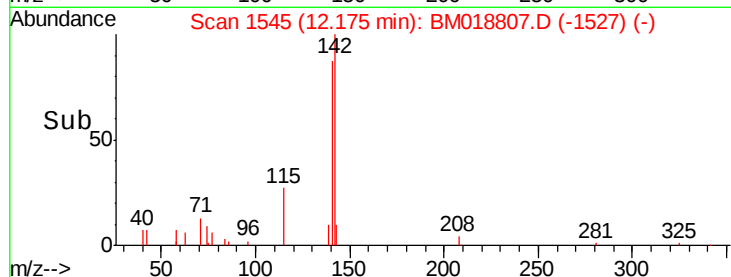
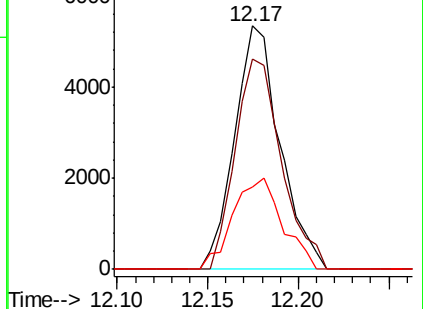
115 33.9 29.1 43.7



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: 0.162 ng

RT: 12.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

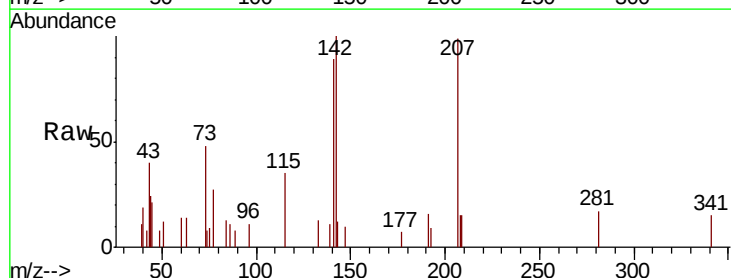
Tgt Ion:142 Resp: 6435

Ion Ratio Lower Upper

142 100

141 88.7 73.9 110.9

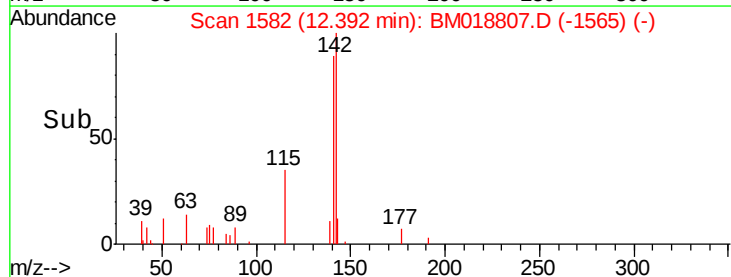
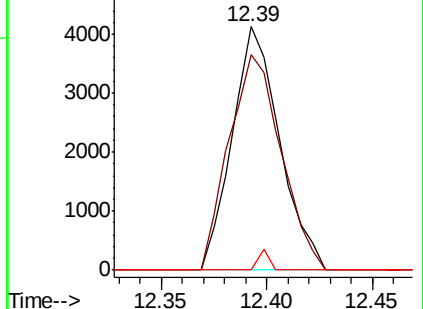
116 0.0 3.0 4.4#

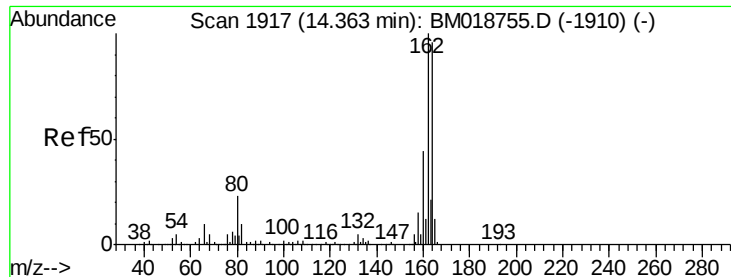


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

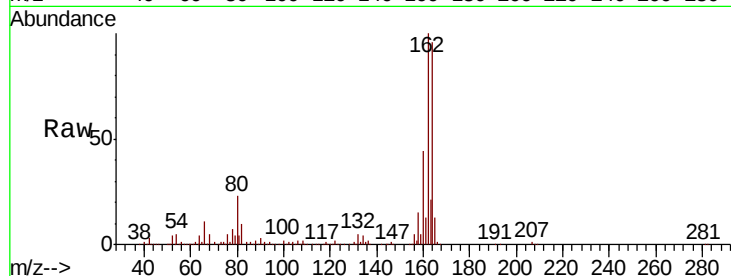




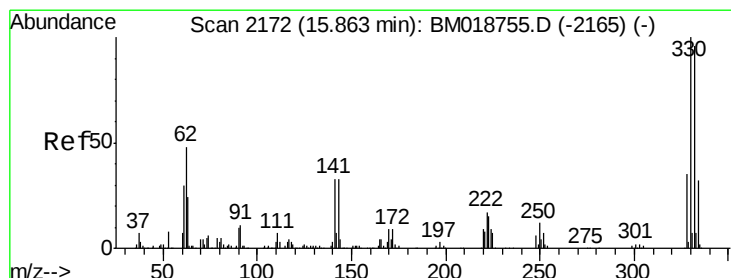
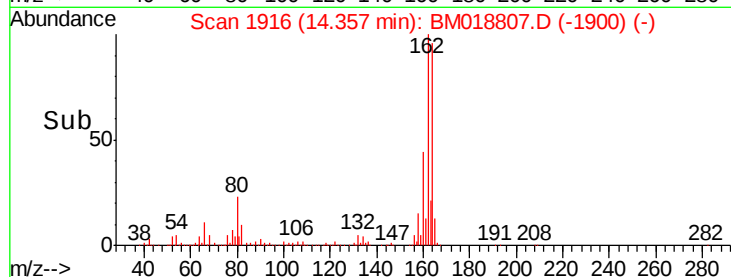
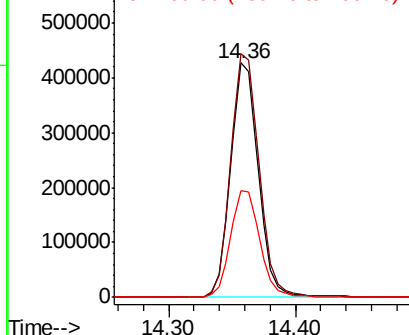
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Instrument :
BNA_M
ClientSampleId :
JC-02-021119-N

Tgt Ion:164 Resp: 645258
Ion Ratio Lower Upper
164 100
162 103.9 83.4 125.0
160 45.7 36.6 55.0

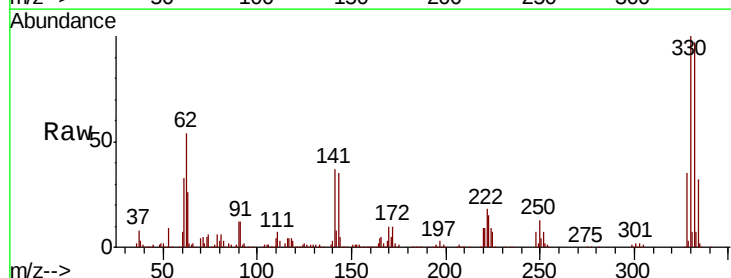


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

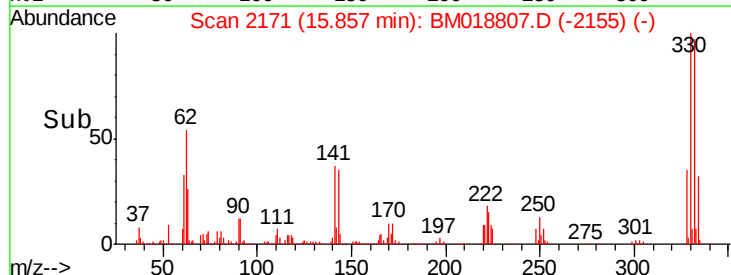
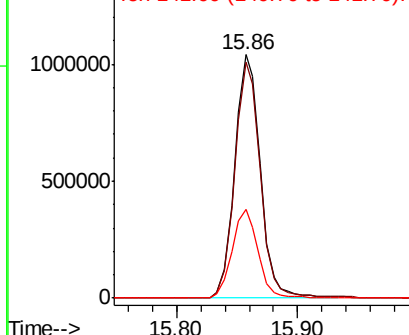


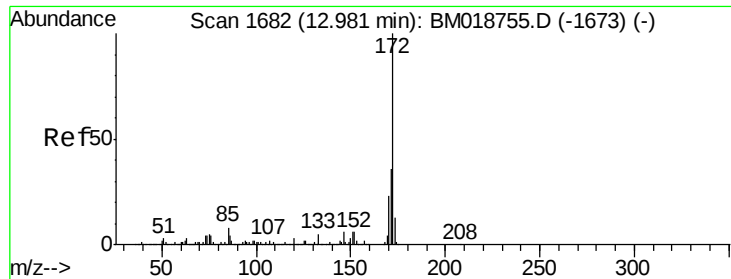
#42
2,4,6-Tribromophenol
Concen: 165.896 ng
RT: 15.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Tgt Ion:330 Resp: 1543030
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 37.1 28.7 43.1



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

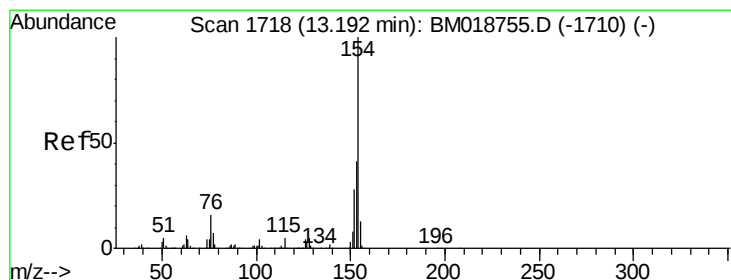
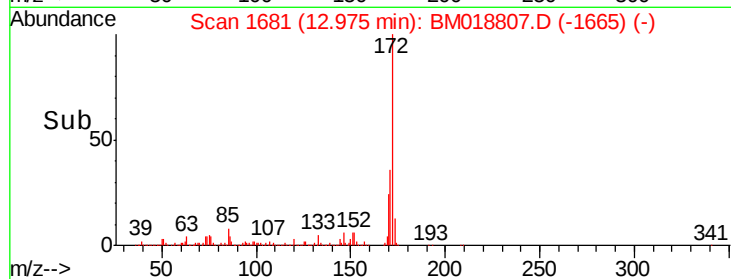
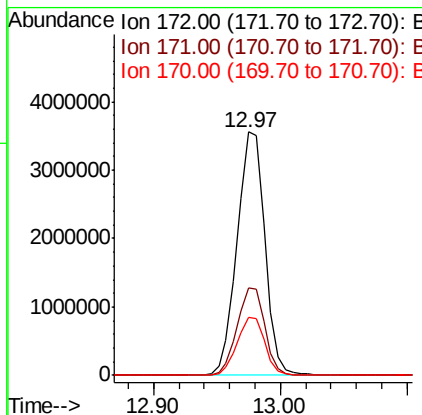
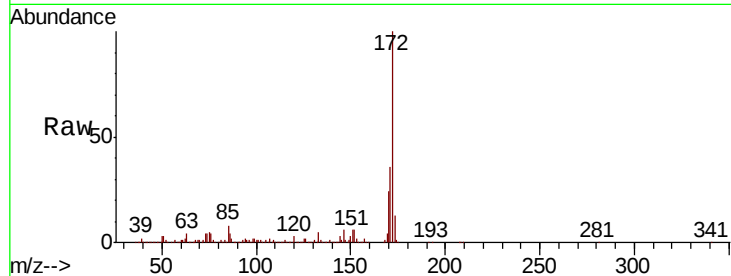




#45
2-Fluorobiphenyl
Concen: 111.031 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

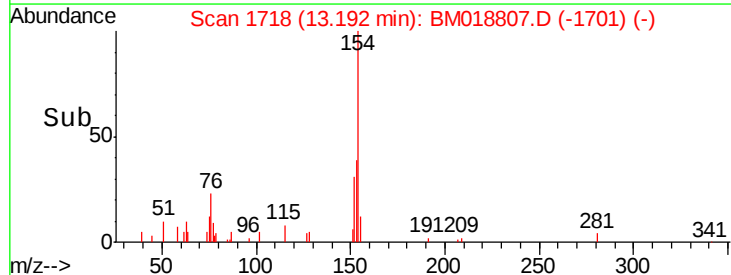
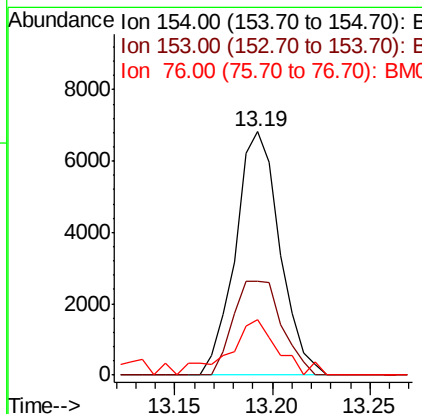
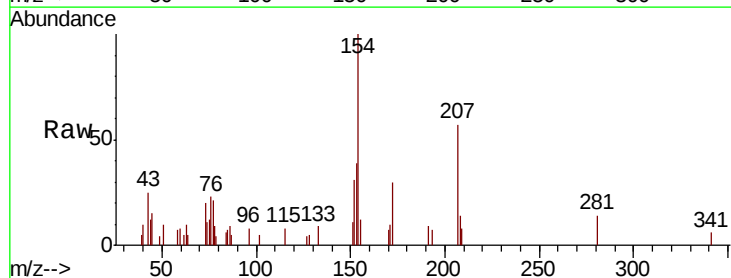
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-N

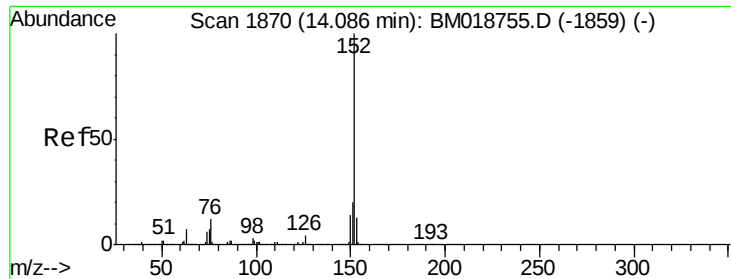
Tgt Ion:172 Resp: 5396977
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.193 ng
RT: 13.19 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Tgt Ion:154 Resp: 10733
Ion Ratio Lower Upper
154 100
153 38.6 21.1 61.1
76 22.6 0.0 35.7





#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

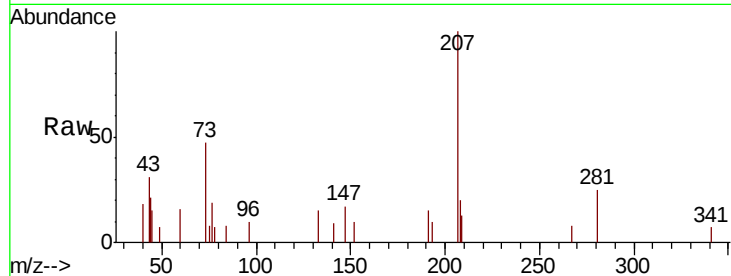
Tgt Ion:152 Resp: 285

Ion Ratio Lower Upper

152 100

151 0.0 15.8 23.8#

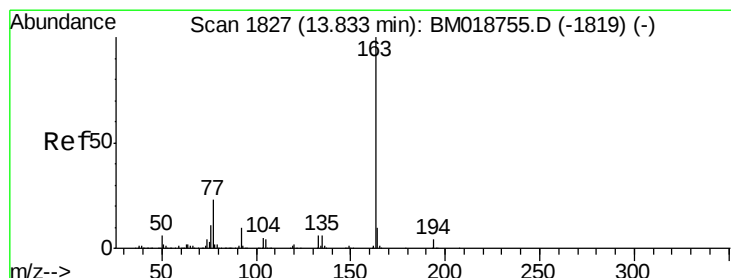
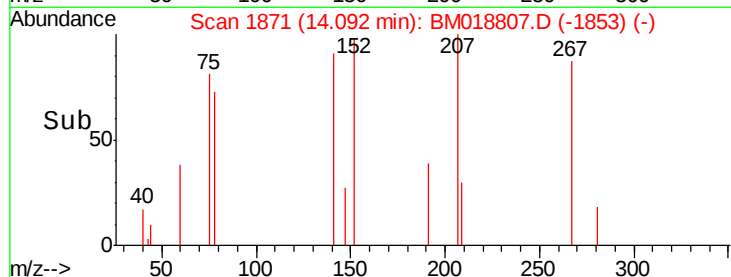
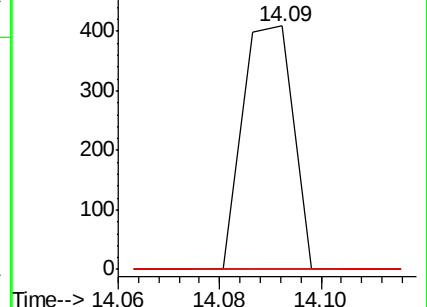
153 0.0 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 0.002 ng

RT: 13.88 min Scan# 1835

Delta R.T. 0.05 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

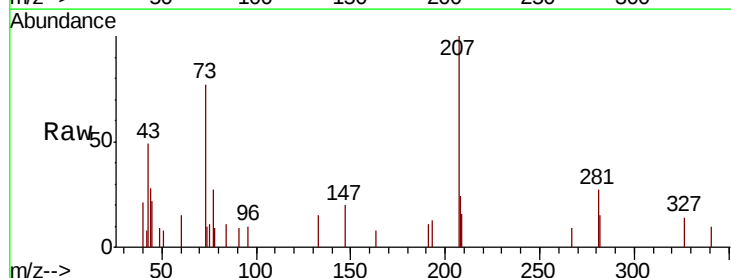
Tgt Ion:163 Resp: 112

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

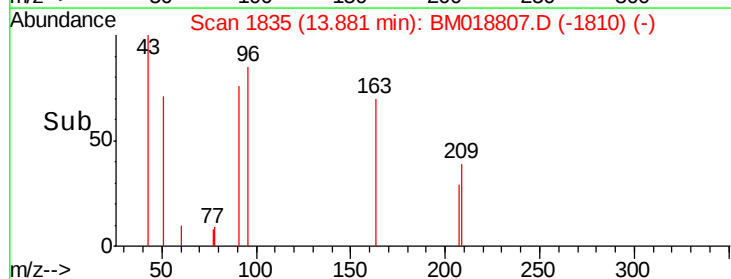
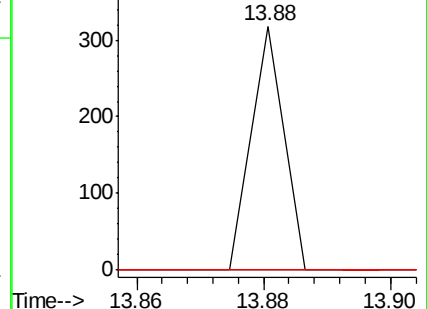
164 0.0 7.8 11.8#

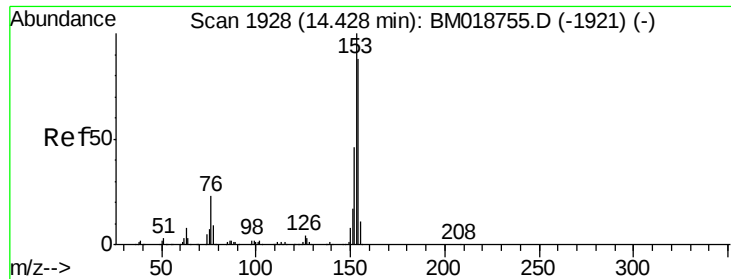


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 0.165 ng

RT: 14.42 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

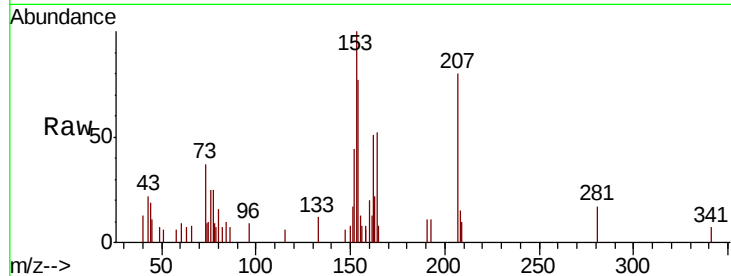
Tgt Ion:154 Resp: 6463

Ion Ratio Lower Upper

154 100

153 129.4 91.3 136.9

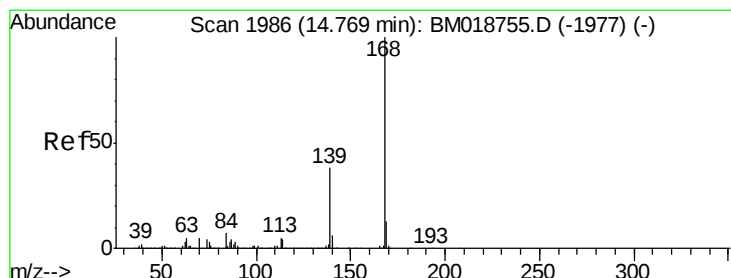
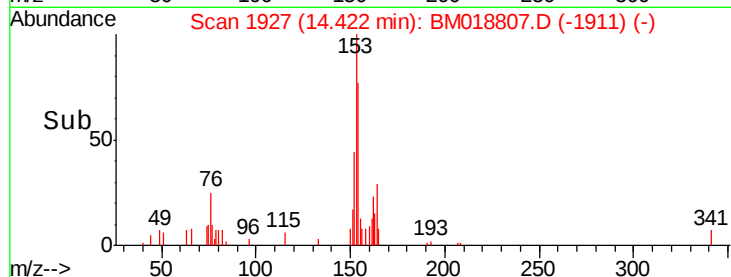
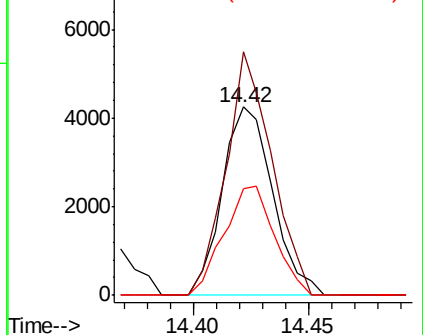
152 56.6 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 0.116 ng

RT: 14.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

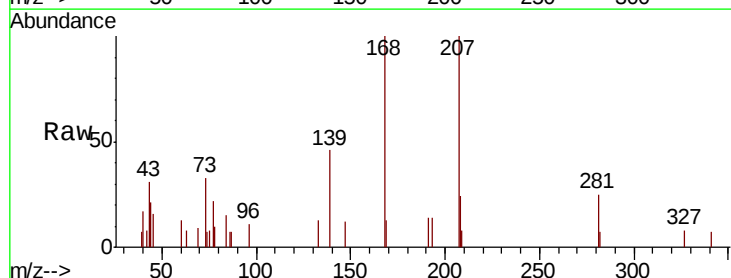
Tgt Ion:168 Resp: 7456

Ion Ratio Lower Upper

168 100

139 46.1 30.7 46.1#

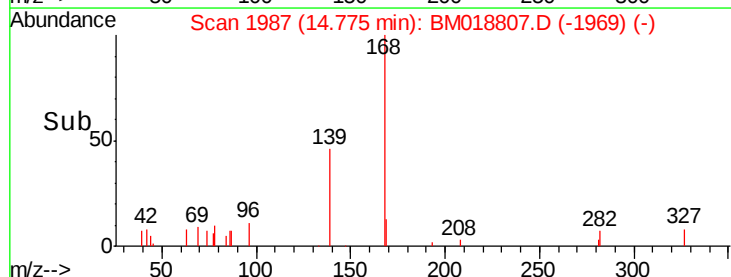
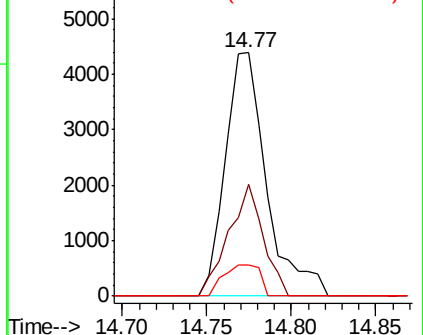
169 13.0 10.3 15.5

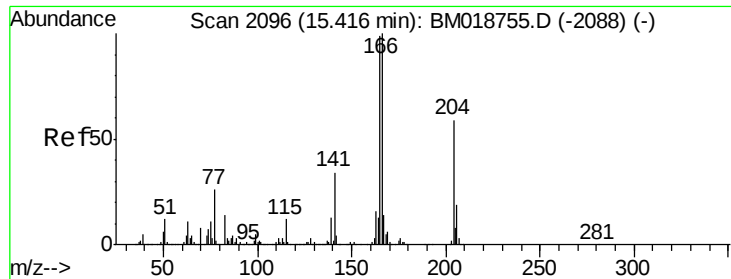


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 0.133 ng

RT: 15.42 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

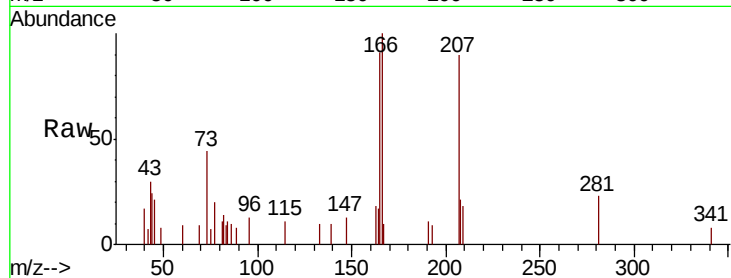
Tgt Ion:166 Resp: 6551

Ion Ratio Lower Upper

166 100

165 91.1 79.1 118.7

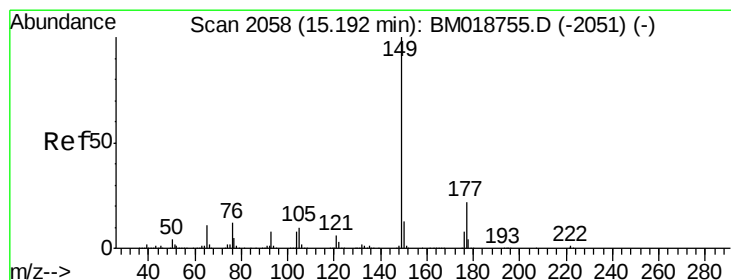
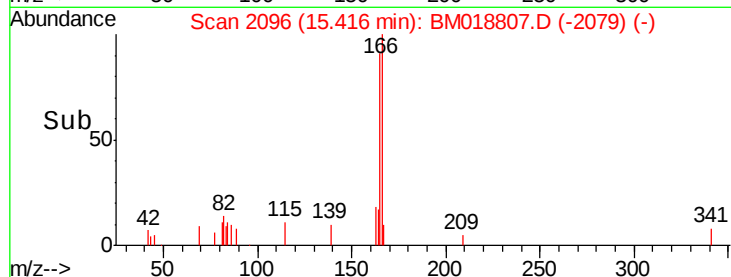
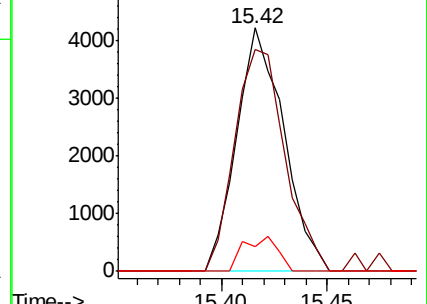
167 10.0 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.025 ng

RT: 15.19 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

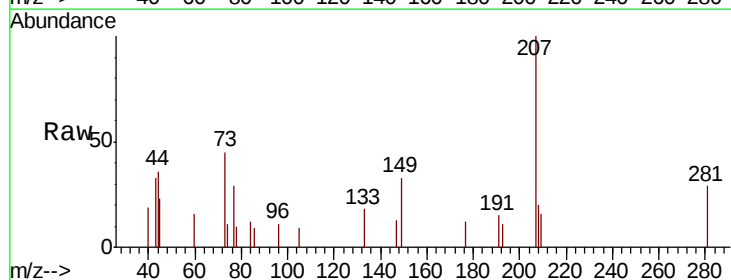
Tgt Ion:149 Resp: 1374

Ion Ratio Lower Upper

149 100

177 35.3 17.2 25.8#

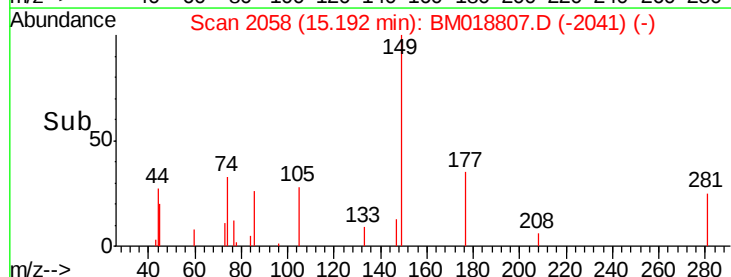
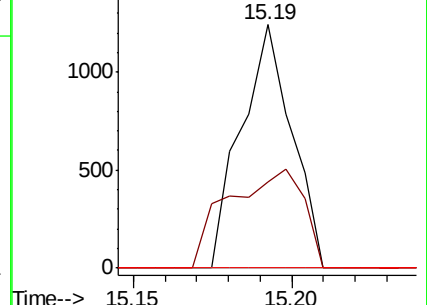
150 0.0 10.2 15.2#

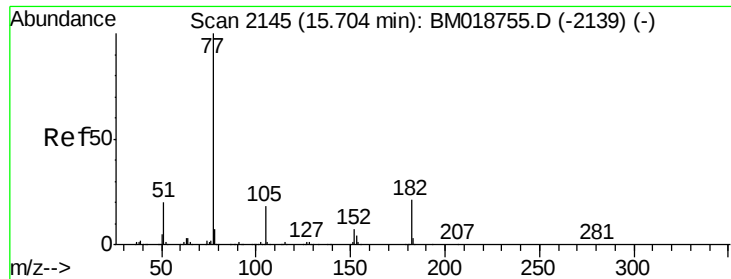


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.003 ng

RT: 15.71 min Scan# 2146

Delta R.T. 0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

Tgt Ion: 77 Resp: 205

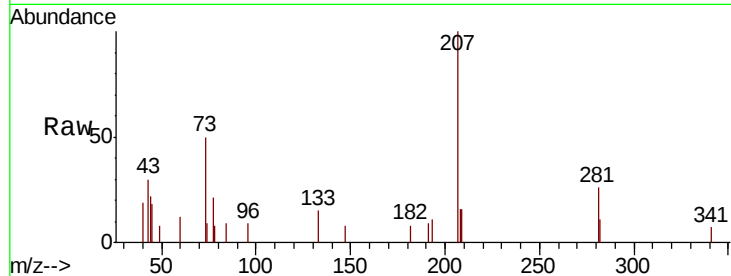
Ion Ratio Lower Upper

77 100

182 38.8 1.0 41.0

105 0.0 0.0 37.7

51 0.0 0.3 40.3#

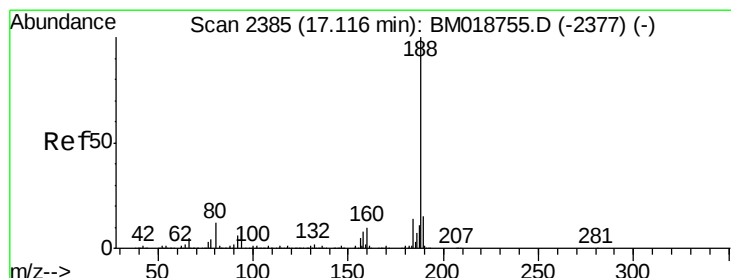
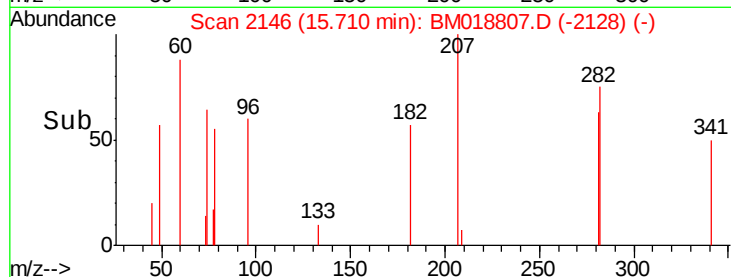
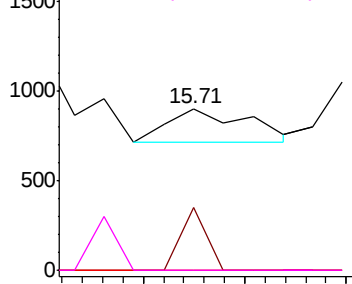


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

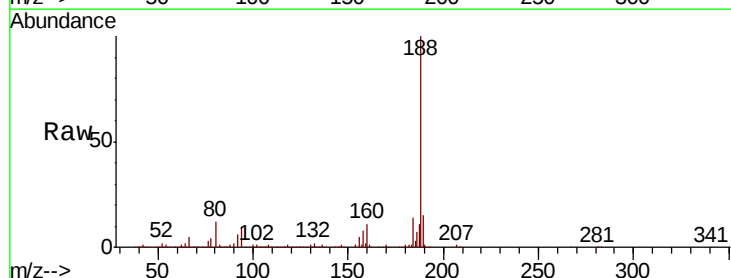
Tgt Ion: 188 Resp: 1468930

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

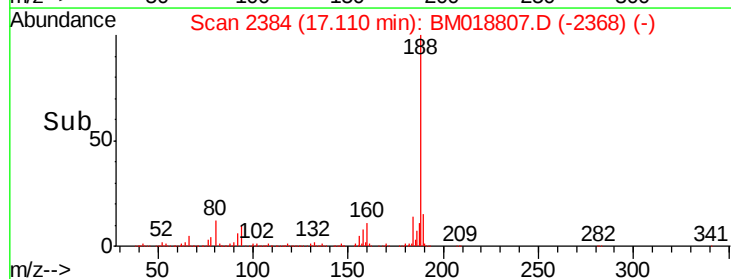
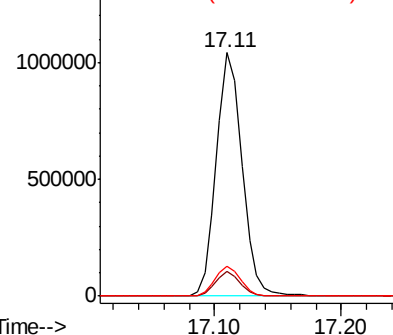
80 12.3 9.7 14.5

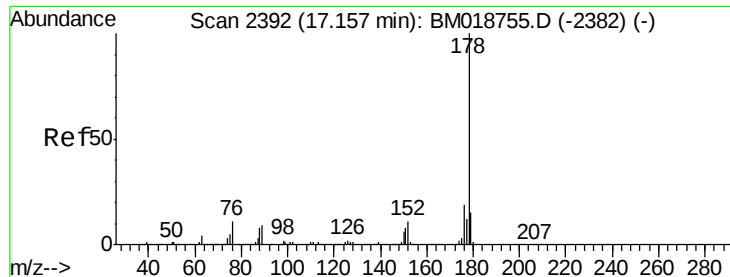


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

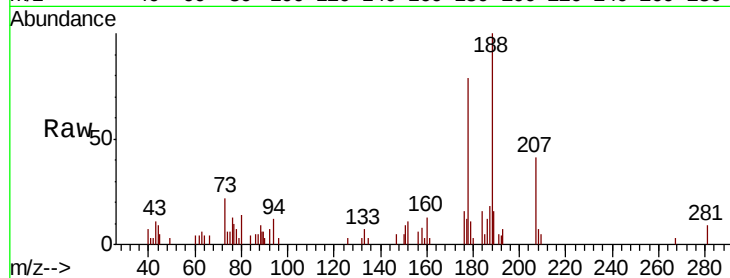




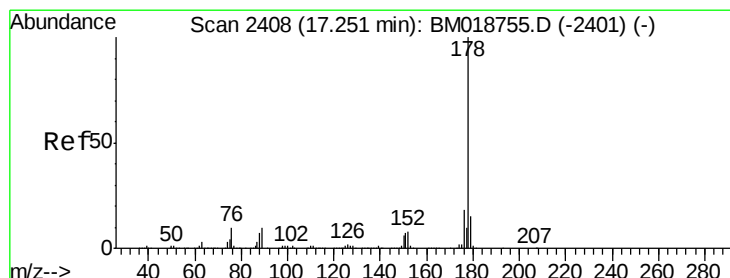
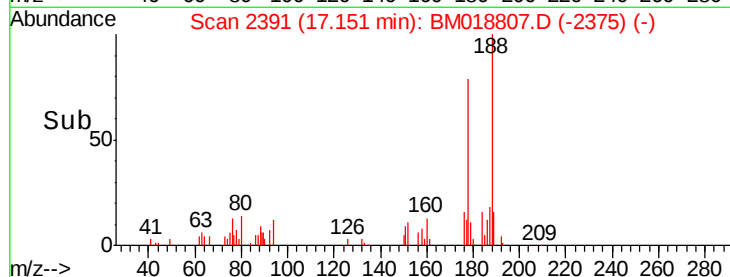
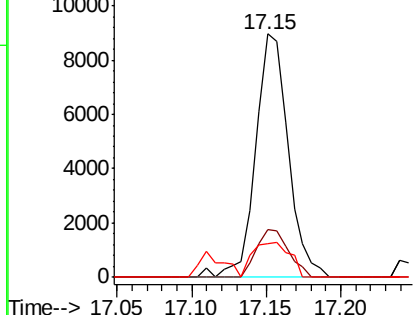
#71
Phenanthrene
Concen: 0.171 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Instrument :
BNA_M
ClientSampleId :
JC-02-021119-N

Tgt Ion:178 Resp: 13487
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 13.8 12.3 18.5

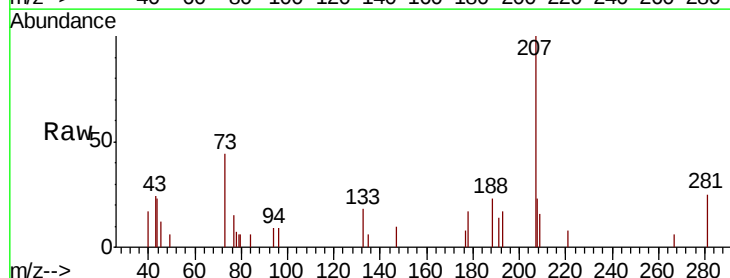


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

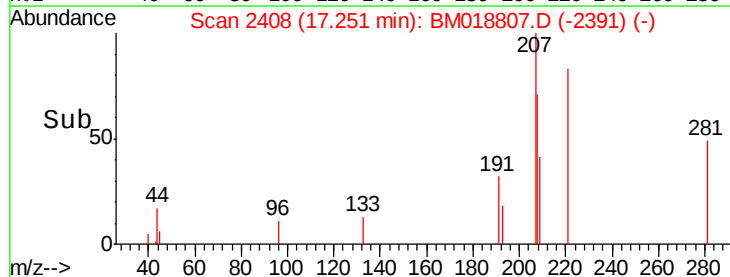
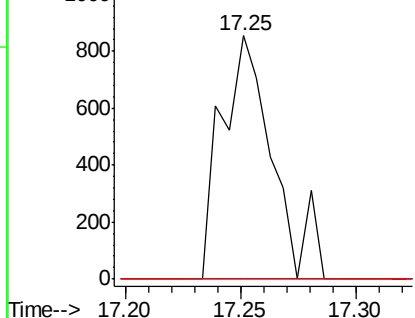


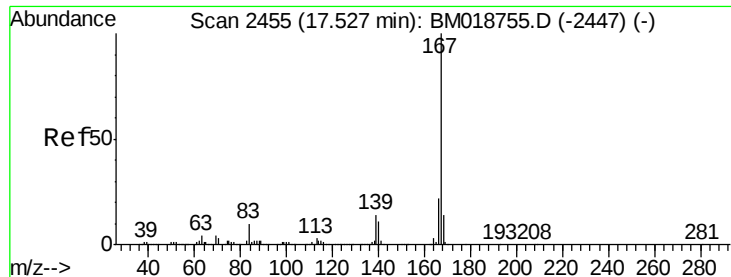
#72
Anthracene
Concen: 0.017 ng
RT: 17.25 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Tgt Ion:178 Resp: 1323
Ion Ratio Lower Upper
178 100
176 0.0 14.8 22.2#
179 0.0 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.015 ng

RT: 17.55 min Scan# 2459

Delta R.T. 0.02 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

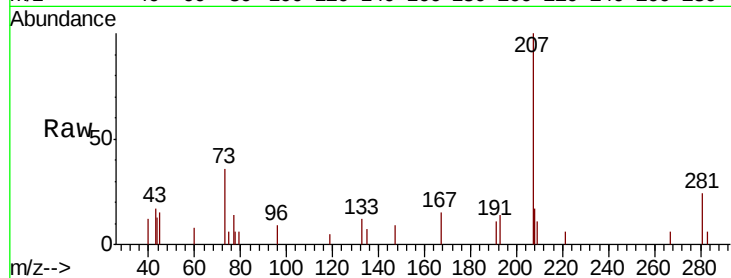
Tgt Ion:167 Resp: 1205

Ion Ratio Lower Upper

167 100

166 0.0 17.7 26.5#

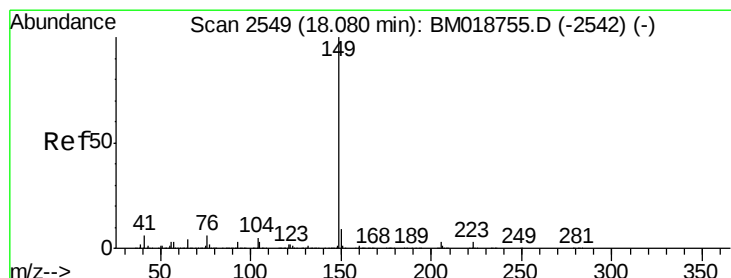
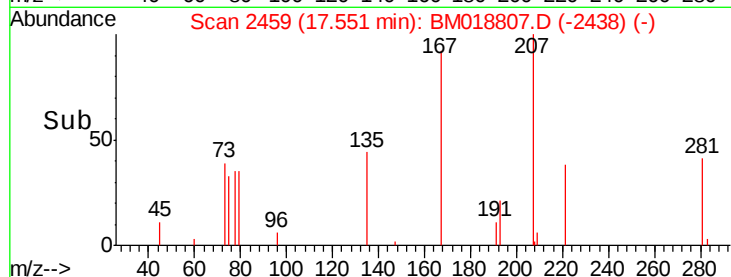
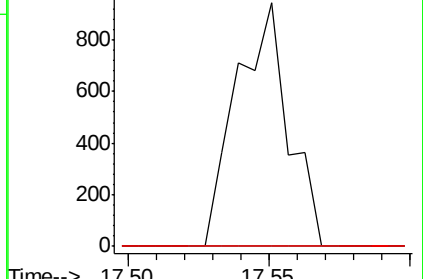
139 0.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.034 ng

RT: 18.08 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

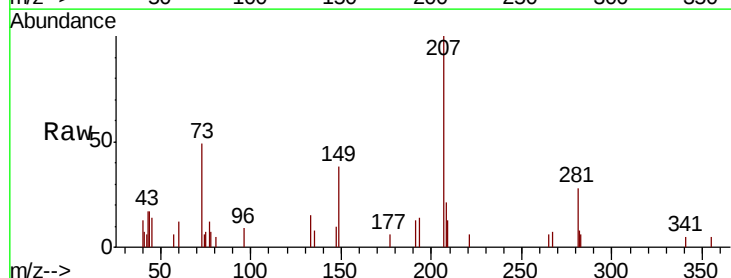
Tgt Ion:149 Resp: 3179

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

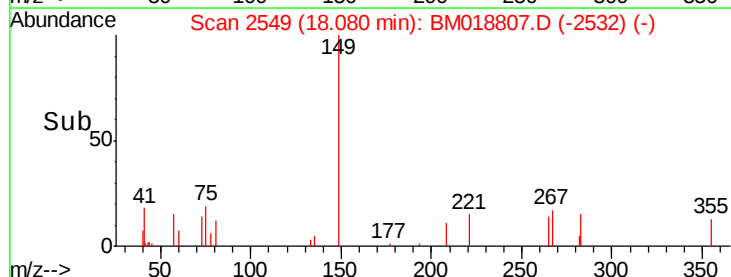
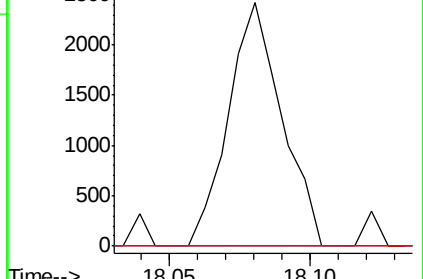
104 0.0 4.3 6.5#

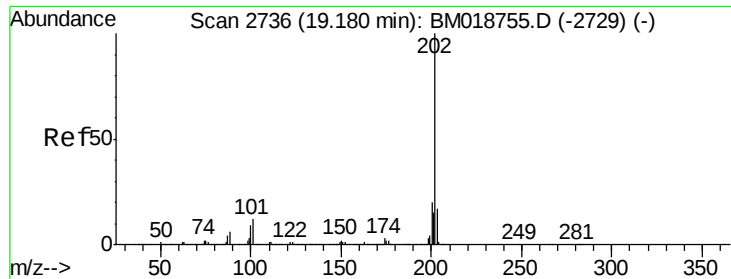


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.020 ng

RT: 19.18 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

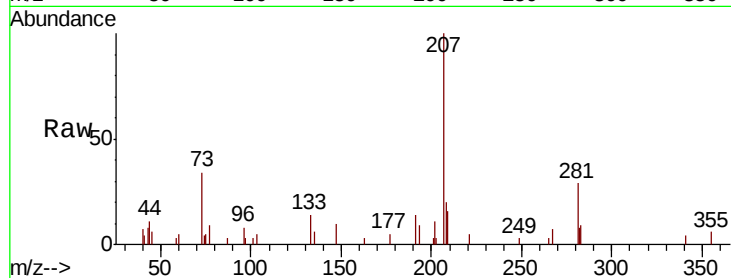
Tgt Ion:202 Resp: 1829

Ion Ratio Lower Upper

202 100

101 26.7 0.0 31.5

203 25.3 0.0 37.3

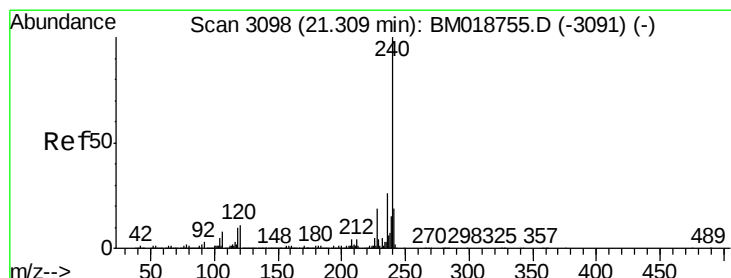
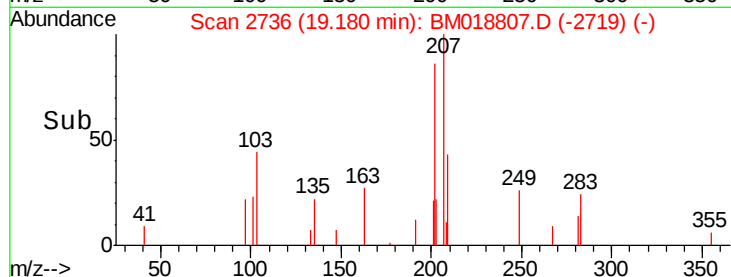
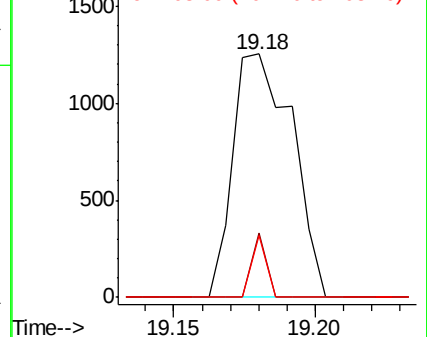


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

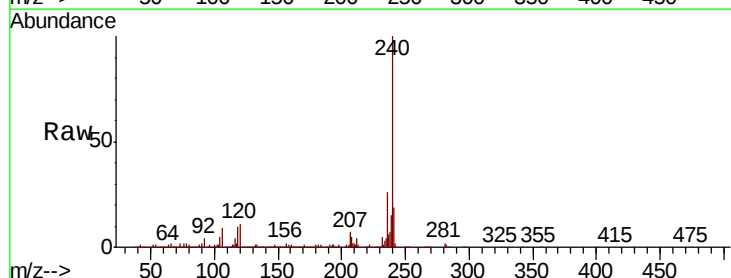
Tgt Ion:240 Resp: 1522009

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 26.4 20.9 31.3

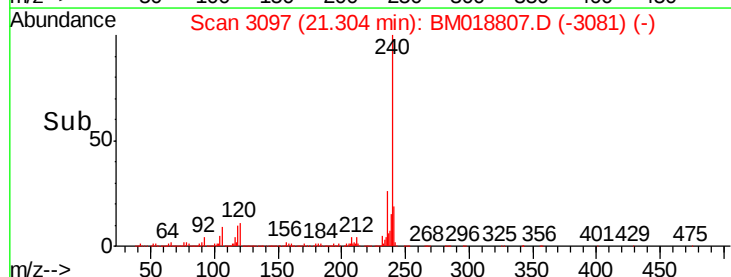
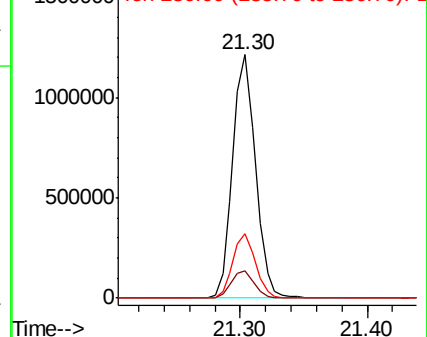


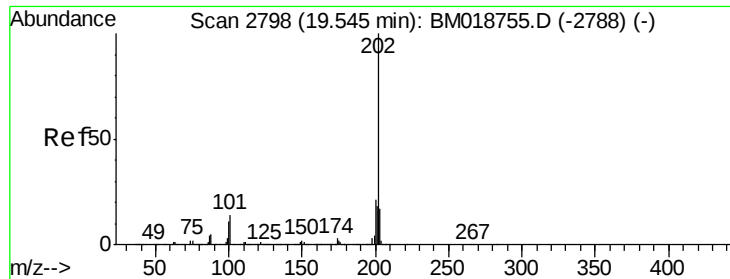
Abundance

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

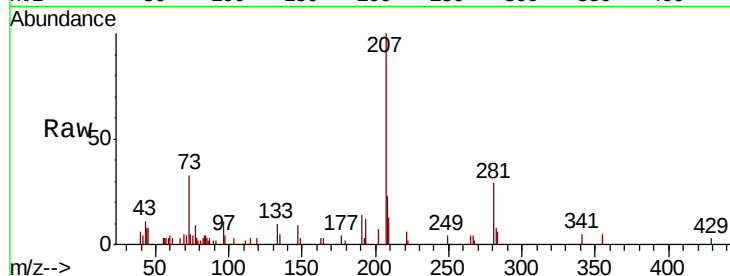




#78
Pyrene
Concen: 0.014 ng
RT: 19.55 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

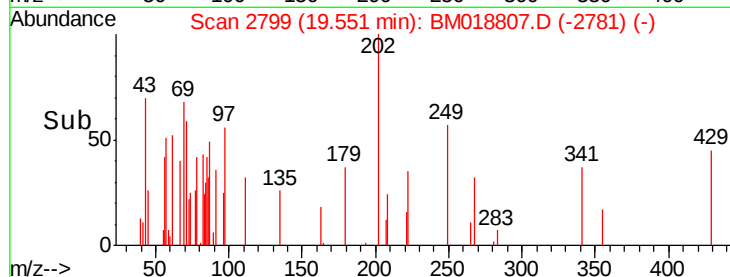
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-N

Tgt Ion: 202 Resp: 1281
Ion Ratio Lower Upper
202 100
200 0.0 16.9 25.3#
203 0.0 13.8 20.8#

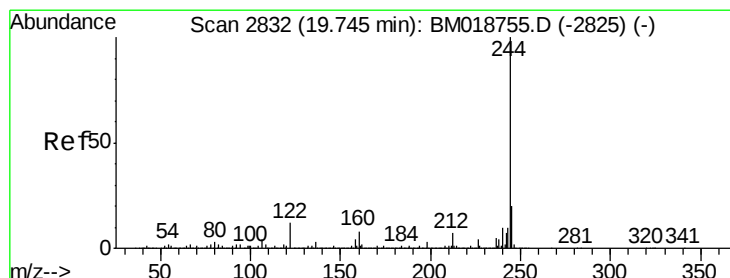


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

19.55

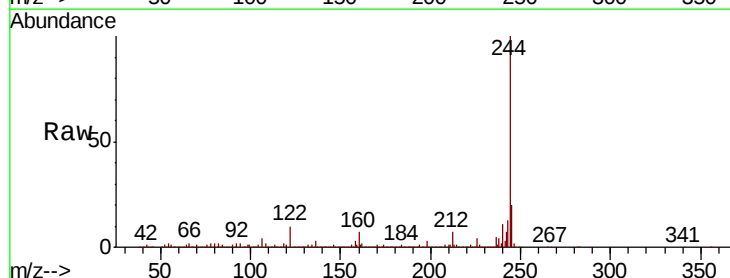


Time--> 19.50 19.55



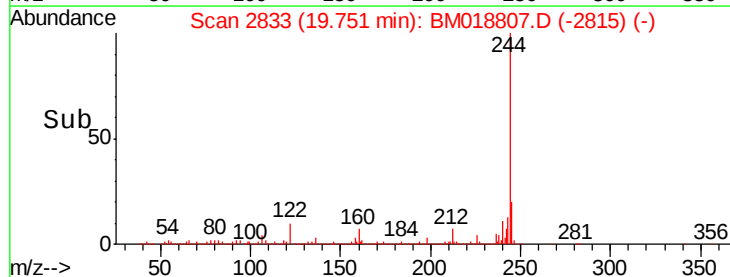
#79
Terphenyl-d14
Concen: 119.925 ng
RT: 19.75 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Tgt Ion: 244 Resp: 8848098
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 10.2 9.3 13.9

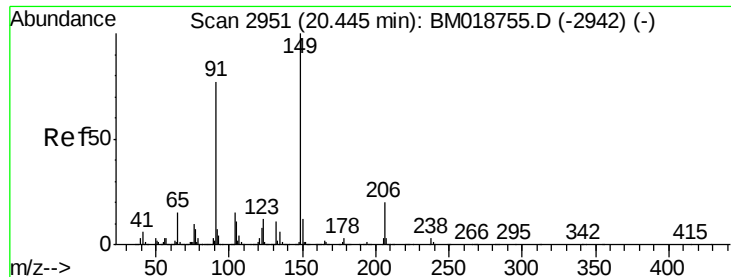


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

19.75



Time--> 19.70 19.80



#80

Butylbenzylphthalate

Concen: 0.037 ng

RT: 20.44 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

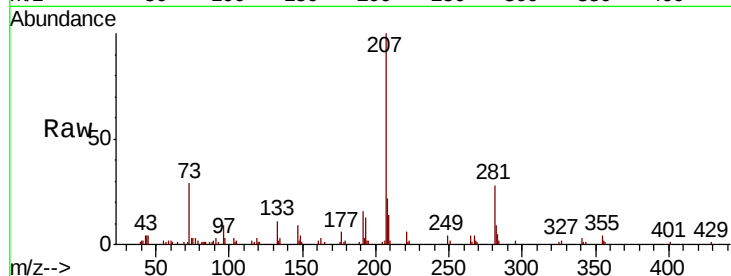
Tgt Ion:149 Resp: 1486

Ion Ratio Lower Upper

149 100

91 82.8 61.4 92.0

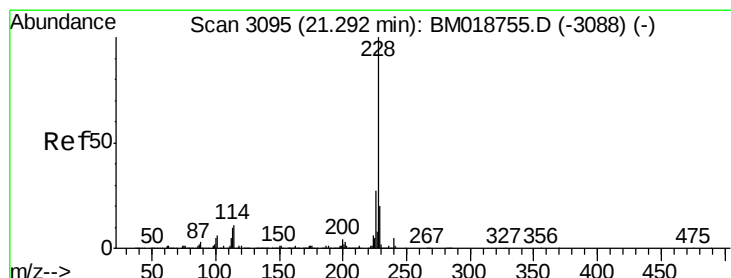
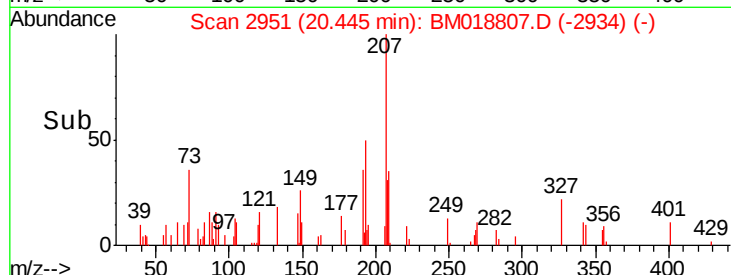
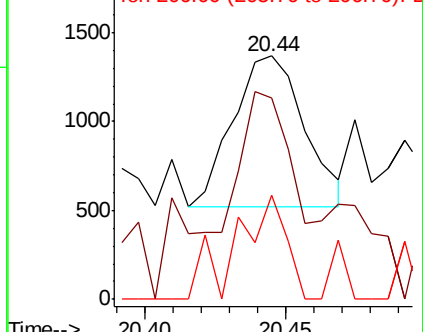
206 42.7 15.8 23.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 0.052 ng

RT: 21.30 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

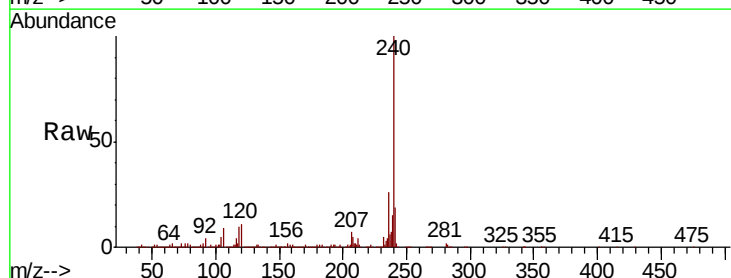
Tgt Ion:228 Resp: 4571

Ion Ratio Lower Upper

228 100

226 11.1 21.9 32.9#

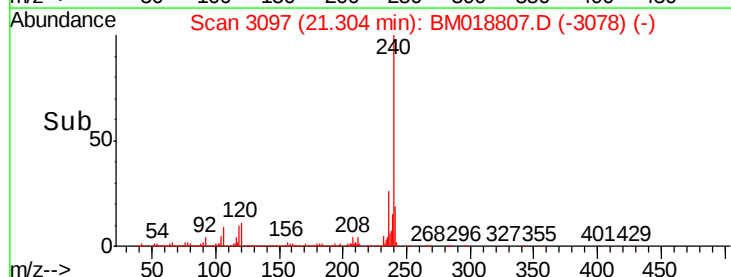
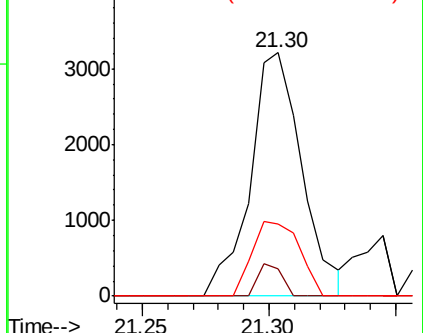
229 29.6 15.9 23.9#

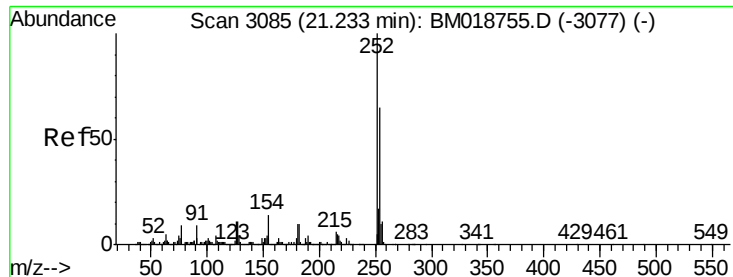


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

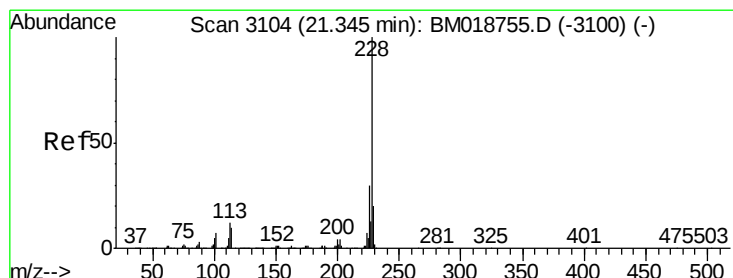
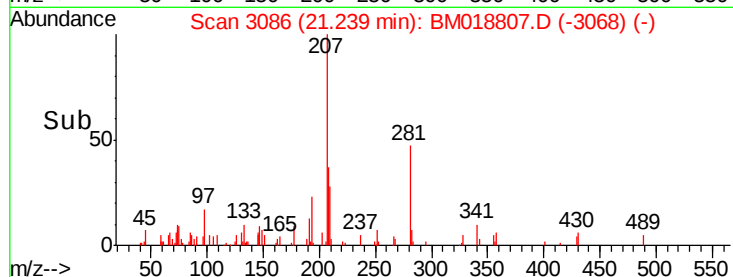
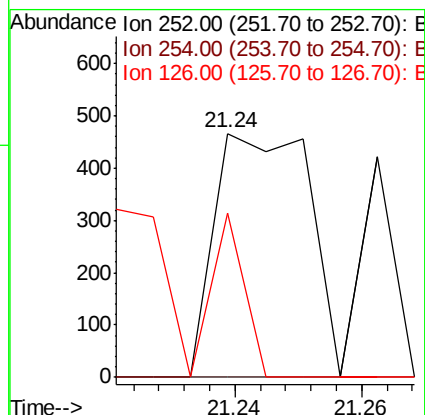
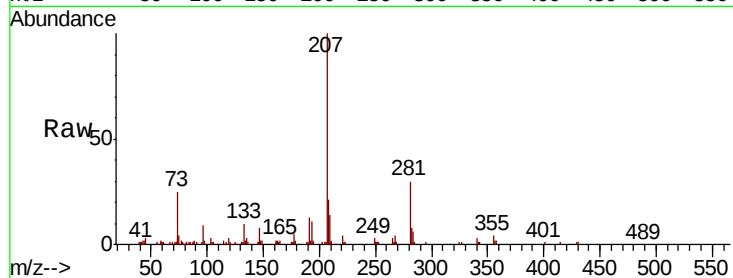




#82
 3,3'-Dichlorobenzidine
 Concen: 0.014 ng
 RT: 21.24 min Scan# 3086
 Delta R.T. 0.01 min
 Lab File: BM018807.D
 Acq: 13 Feb 2019 18:21

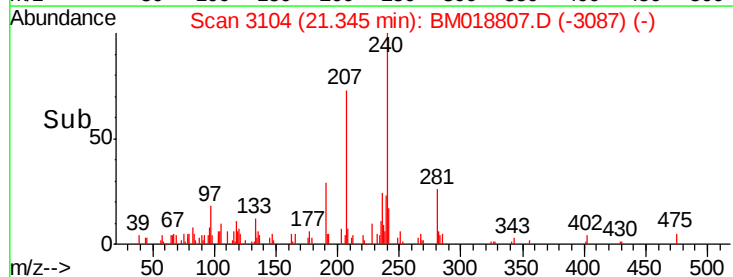
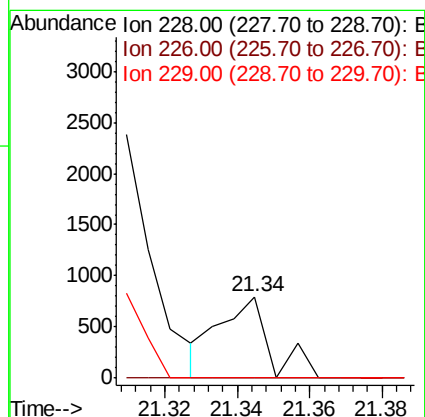
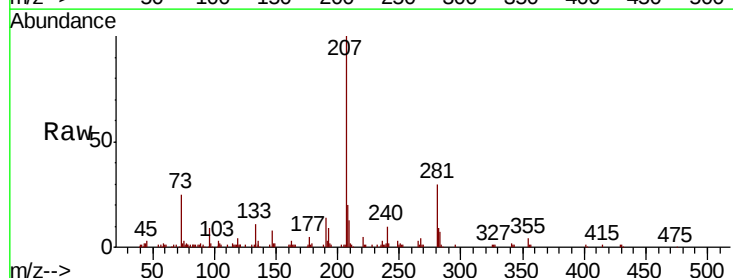
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-N

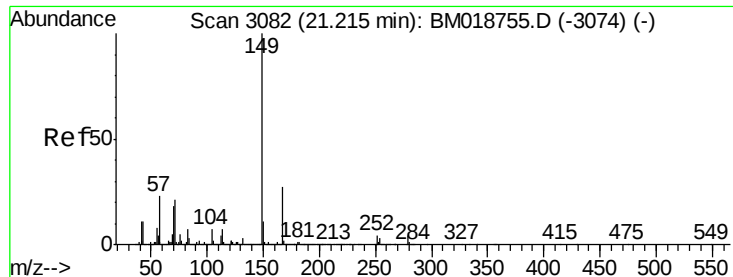
Tgt Ion: 252 Resp: 477
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.8 77.8#
 126 67.4 9.1 13.7#



#83
 Chrysene
 Concen: 0.009 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. 0.00 min
 Lab File: BM018807.D
 Acq: 13 Feb 2019 18:21

Tgt Ion: 228 Resp: 785
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.1 36.1#
 229 0.0 16.0 24.0#

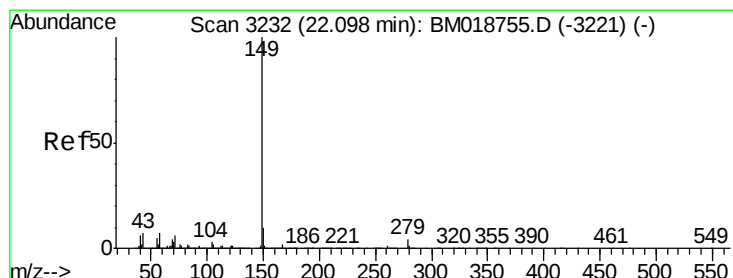
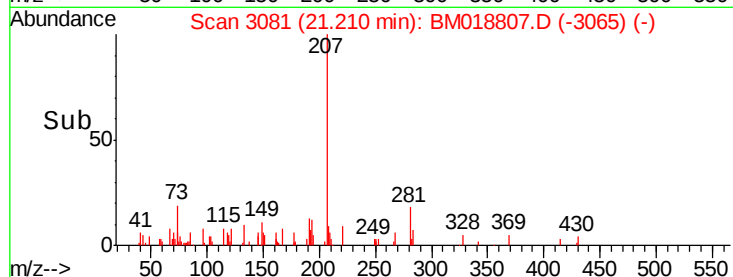
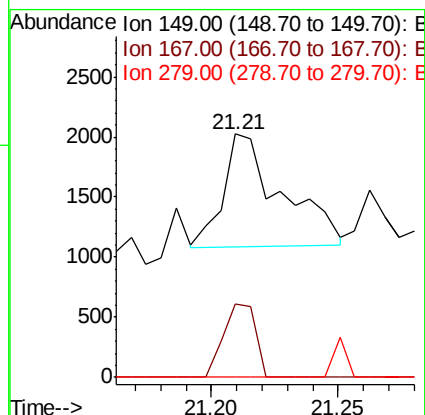
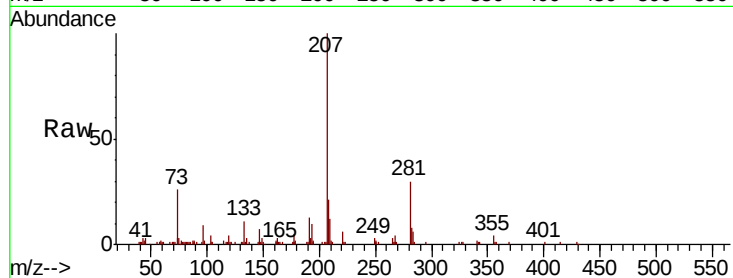




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.026 ng
 RT: 21.21 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BM018807.D
 Acq: 13 Feb 2019 18:21

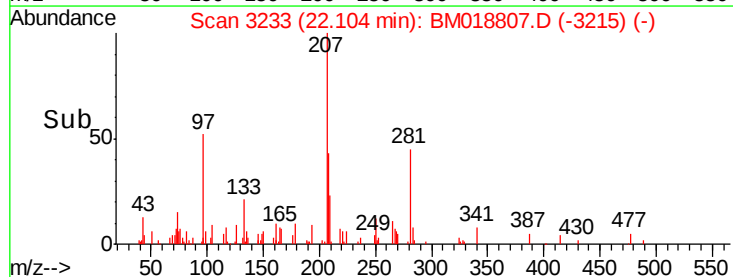
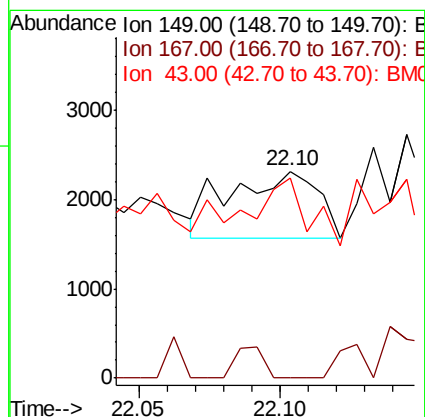
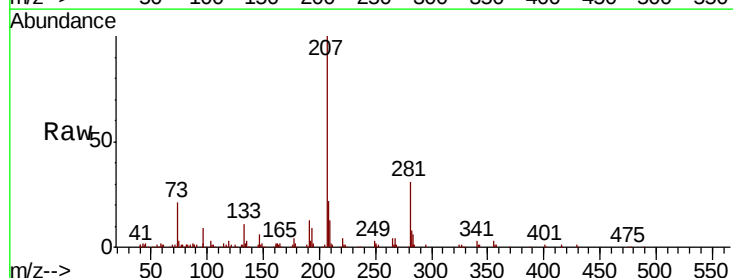
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-N

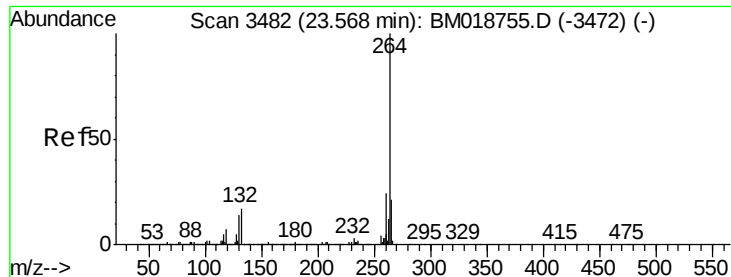
Tgt Ion:149 Resp: 1511
 Ion Ratio Lower Upper
 149 100
 167 30.1 21.8 32.6
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 0.016 ng
 RT: 22.10 min Scan# 3233
 Delta R.T. 0.01 min
 Lab File: BM018807.D
 Acq: 13 Feb 2019 18:21

Tgt Ion:149 Resp: 1616
 Ion Ratio Lower Upper
 149 100
 167 14.9 1.3 1.9#
 43 44.0 6.0 9.0#



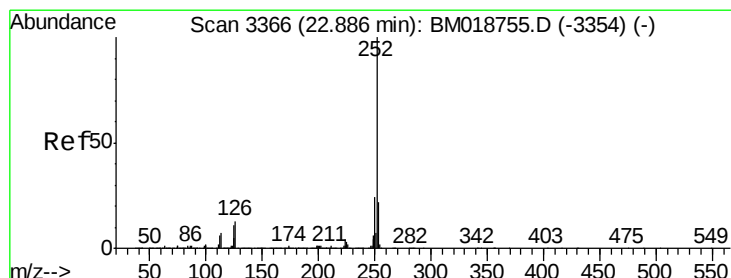
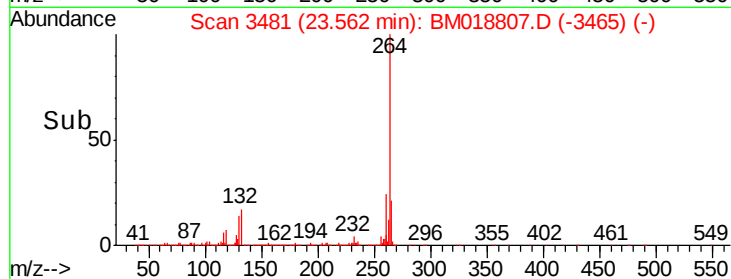
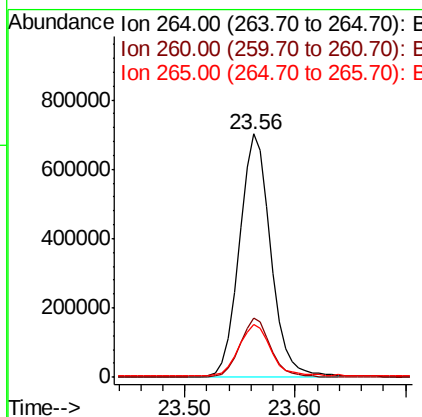
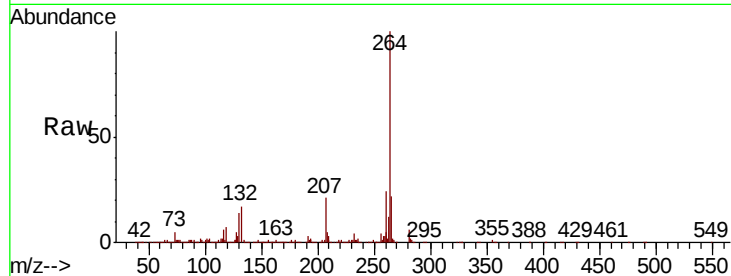


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Instrument :
BNA_M
ClientSampleId :
JC-02-021119-N

Tgt Ion: 264 Resp: 1407362

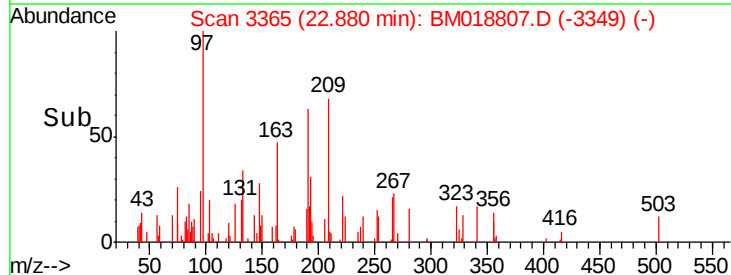
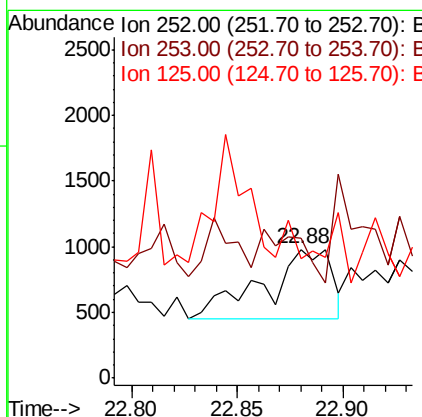
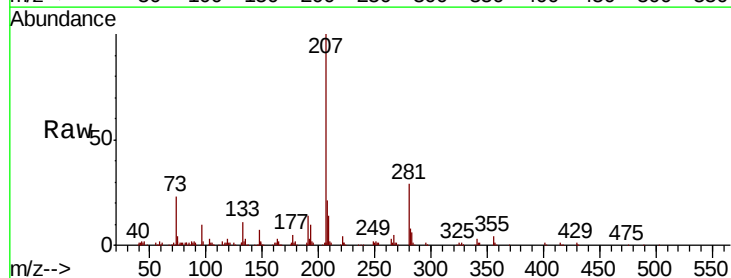
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.0	17.3	25.9

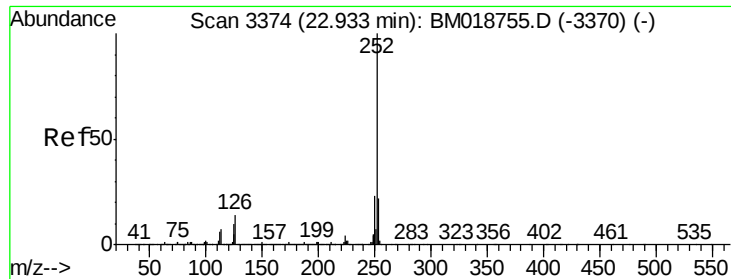


#88
Benzo(b)fluoranthene
Concen: 0.014 ng
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM018807.D
Acq: 13 Feb 2019 18:21

Tgt Ion: 252 Resp: 1156

Ion	Ratio	Lower	Upper
252	100		
253	108.6	17.8	26.6#
125	93.1	8.6	12.8#





#89

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 22.97 min Scan# 3381

Delta R.T. 0.04 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-N

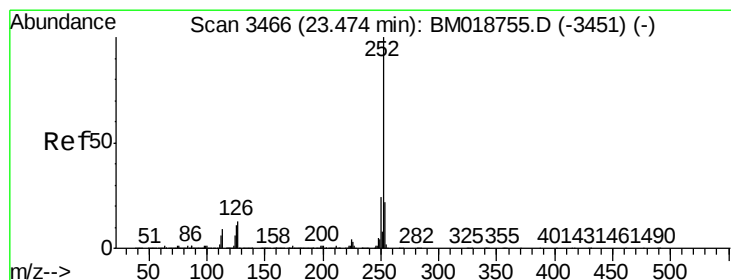
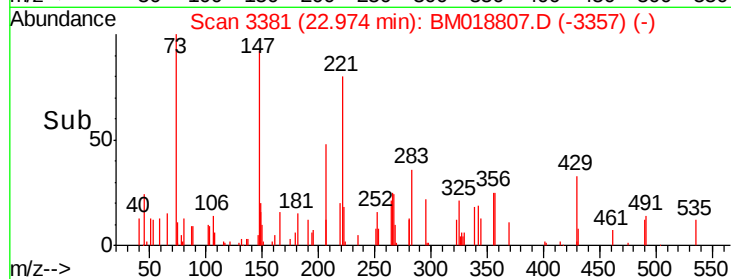
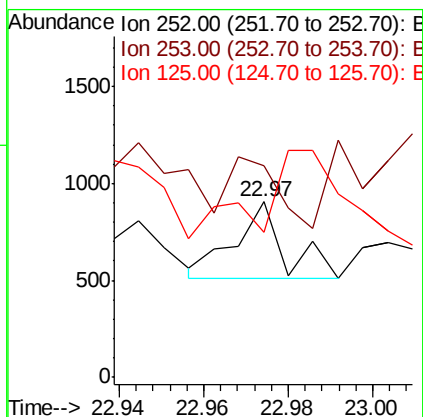
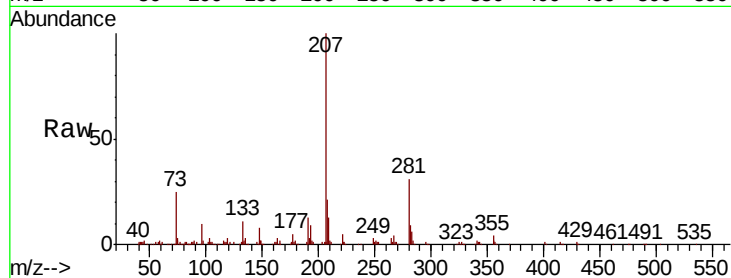
Tgt Ion:252 Resp: 326

Ion Ratio Lower Upper

252 100

253 120.3 17.7 26.5#

125 82.6 8.2 12.4#



#90

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.49 min Scan# 3468

Delta R.T. 0.01 min

Lab File: BM018807.D

Acq: 13 Feb 2019 18:21

Tgt Ion:252 Resp: 110

Ion Ratio Lower Upper

252 100

253 113.5 17.4 26.0#

125 135.0 8.6 13.0#

