

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021319\
 Data File : BM018806.D
 Acq On : 13 Feb 2019 17:45
 Operator : JU/SJ
 Sample : K1343-26
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 14 00:50:50 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	309606	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1221968	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	685829	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1625000	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1793134	20.00	ng	0.00
87) Perylene-d12	23.56	264	1704606	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2654942	140.50	ng	0.00
7) Phenol-d6	6.89	99	3263708	122.60	ng	0.00
23) Nitrobenzene-d5	8.88	82	2655349	100.48	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1557295	157.52	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5149301	99.67	ng	0.00
79) Terphenyl-d14	19.74	244	9207037	105.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	335	0.041	ng	# 28
3) Pyridine	3.66	79	238	0.011	ng	# 1
4) n-Nitrosodimethylamine	3.63	42	584	0.102	ng	# 1
8) 2-Chlorophenol	7.27	128	549	0.026	ng	# 1
9) Benzaldehyde	6.89	77	7256	Below Cal		# 14
10) Phenol	6.92	94	920	0.033	ng	# 1
15) Benzyl Alcohol	8.03	79	37529	1.774	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.23	45	352	0.017	ng	# 38
18) Hexachloroethane	8.80	117	121	0.014	ng	# 1
22) Acetophenone	8.55	105	2319	0.069	ng	# 92
24) Nitrobenzene	8.94	77	515	0.019	ng	# 44
25) Isophorone	9.45	82	455	0.011	ng	# 68
31) Naphthalene	10.55	128	12301	0.206	ng	# 98
37) 2-Methylnaphthalene	12.18	142	4349	0.104	ng	# 95
38) 1-Methylnaphthalene	12.40	142	3190	0.078	ng	# 90
46) 1,1'-Biphenyl	13.19	154	9473	0.160	ng	# 92
49) Acenaphthylene	14.09	152	257	0.004	ng	# 61
52) Acenaphthene	14.42	154	1072	0.026	ng	# 88
55) Dibenzofuran	14.77	168	1184	0.017	ng	# 87
58) Fluorene	15.42	166	1308	0.025	ng	# 96
60) Diethylphthalate	15.19	149	1927	0.033	ng	# 59
63) Azobenzene	15.69	77	60	0.001	ng	# 57
71) Phenanthrene	17.16	178	5345	0.061	ng	# 93
72) Anthracene	17.25	178	925	0.011	ng	# 61
73) Carbazole	17.54	167	362	0.004	ng	# 58
74) Di-n-butylphthalate	18.07	149	3556	0.035	ng	# 78
75) Fluoranthene	19.19	202	1333	0.013	ng	# 64
78) Pyrene	19.54	202	1395	0.013	ng	# 57
80) Butylbenzylphthalate	20.44	149	1656	0.035	ng	# 86
81) Benzo(a)anthracene	21.30	228	5255	0.050	ng	# 73
82) 3,3'-Dichlorobenzidine	21.23	252	251	0.006	ng	# 26
83) Chrysene	21.34	228	703	0.007	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.22	149	2018	0.029	ng	# 86
85) Di-n-octyl phthalate	22.10	149	714	0.006	ng	# 1

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QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

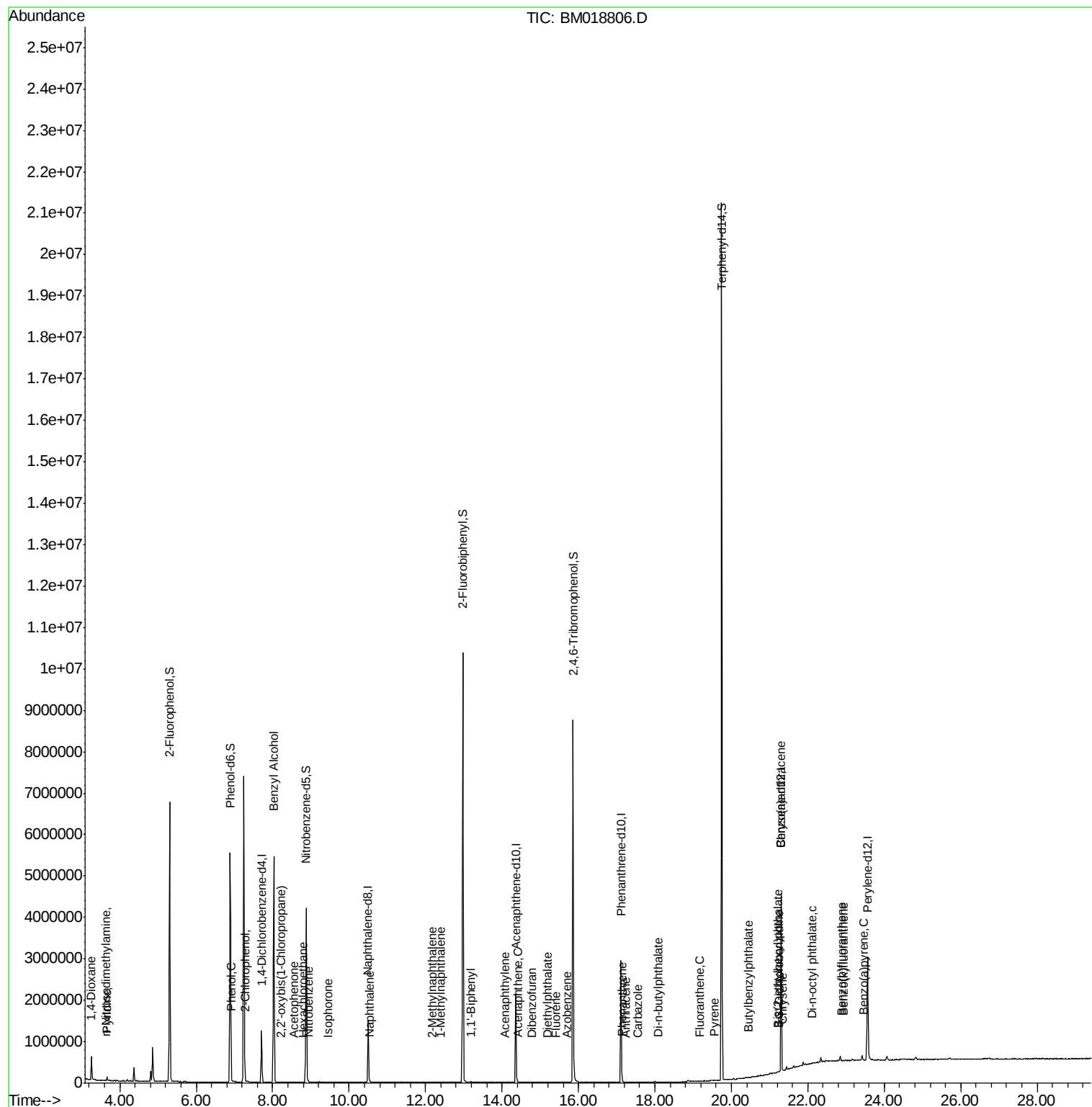
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	22.89	252	696	0.007	ng	# 1
89) Benzo(k)fluoranthene	22.94	252	495	0.005	ng	# 1
90) Benzo(a)pyrene	23.47	252	381	0.004	ng	# 1

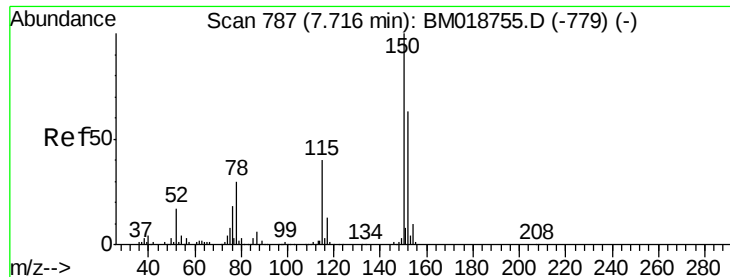
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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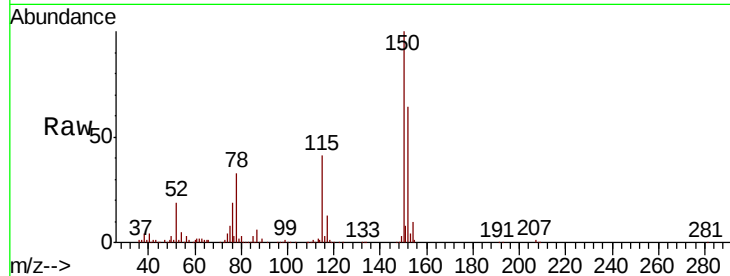


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.3	190.9
115	64.3	50.8	76.2

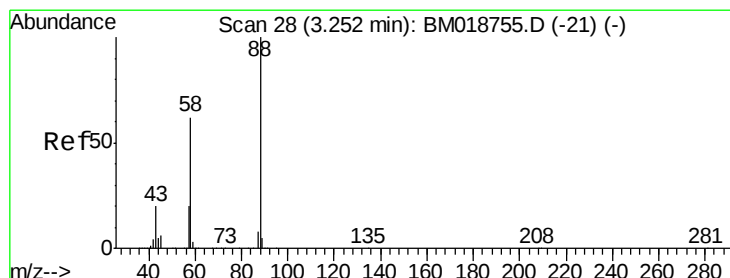
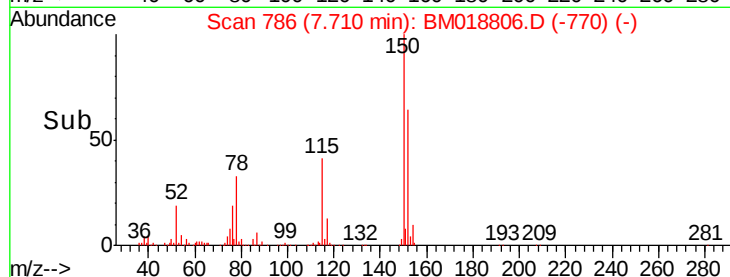
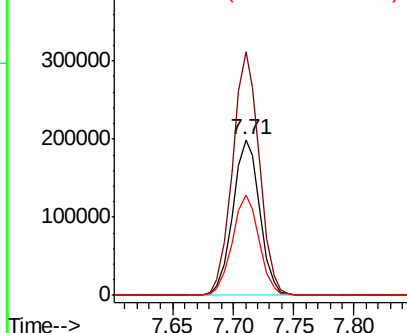


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

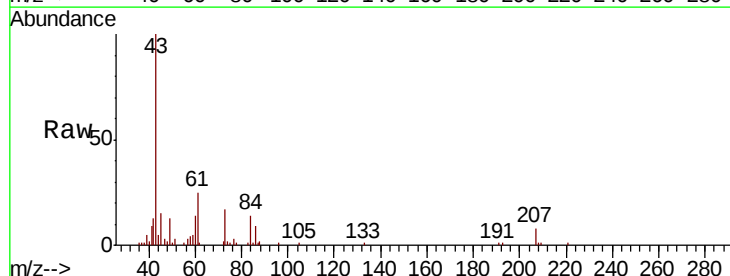
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.041 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.01 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	49.8	74.6#
43	0.0	16.7	25.1#

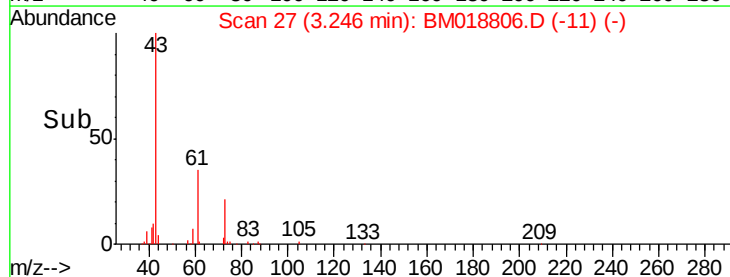
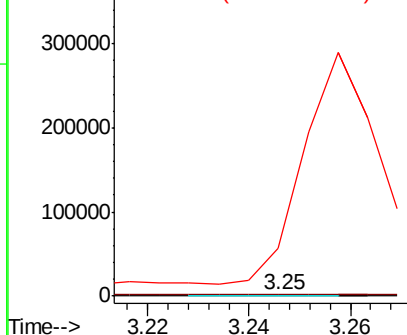


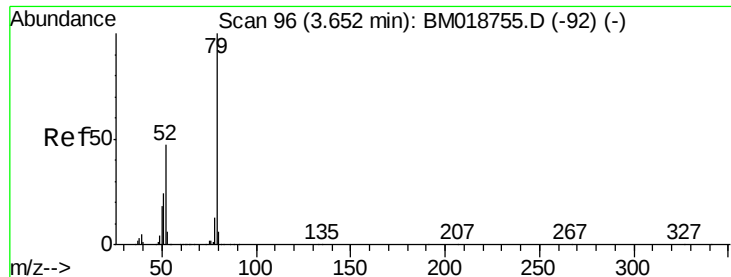
Abundance

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: 0.011 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

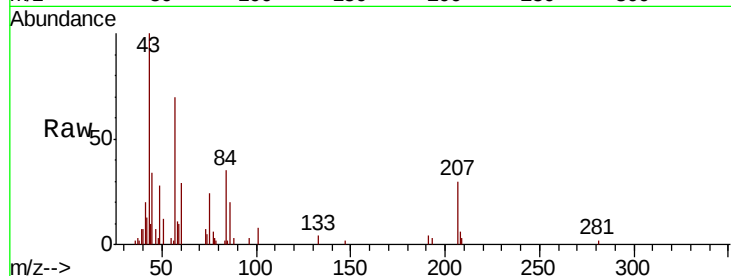
Tgt Ion: 79 Resp: 238

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

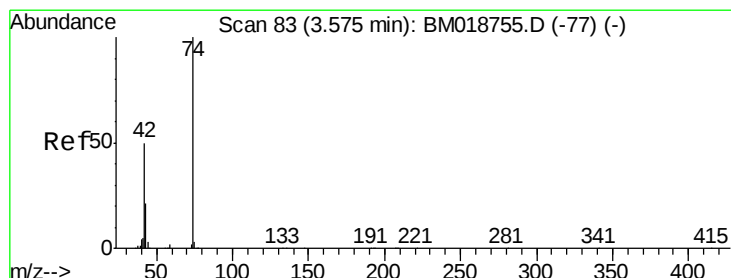
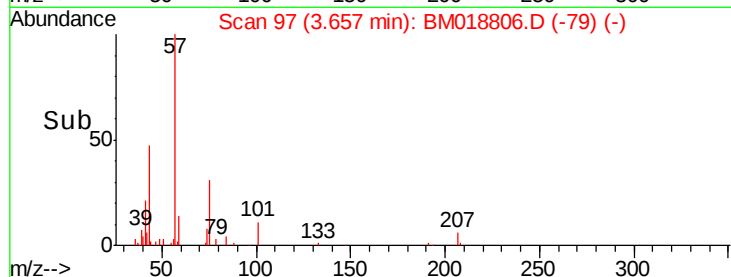
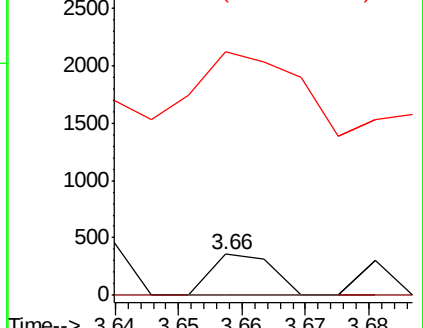
51 597.5 19.7 29.5#



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: 0.102 ng

RT: 3.63 min Scan# 92

Delta R.T. 0.05 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

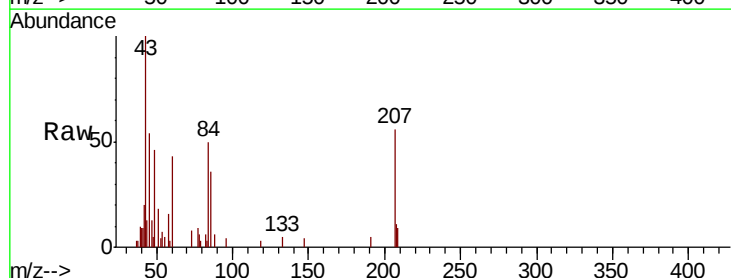
Tgt Ion: 42 Resp: 584

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

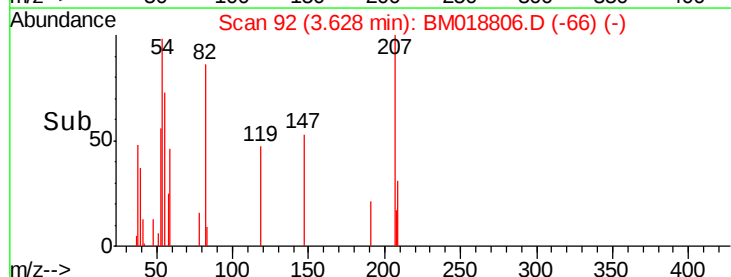
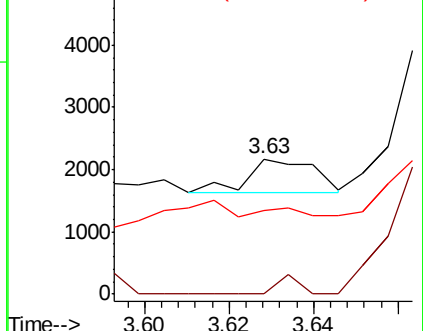
44 61.8 4.9 7.3#

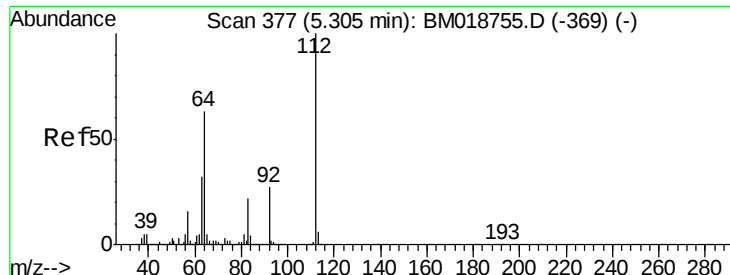


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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: 140.503 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

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JC-02-021119-M

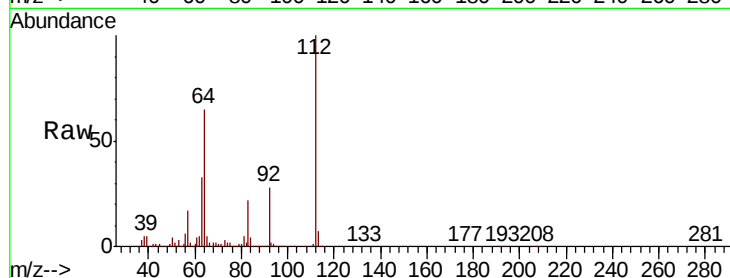
Tgt Ion:112 Resp: 2654942

Ion Ratio Lower Upper

112 100

64 65.2 50.6 75.8

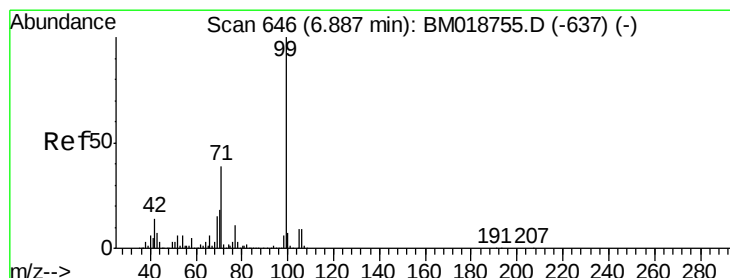
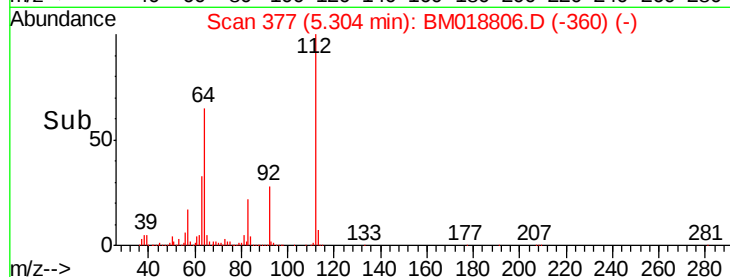
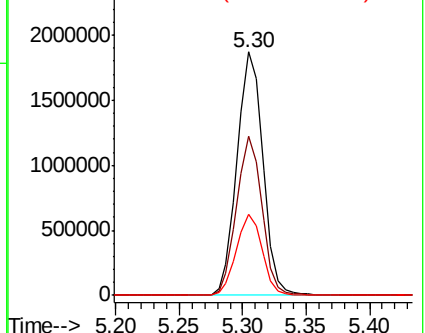
63 33.2 25.7 38.5



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: 122.604 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

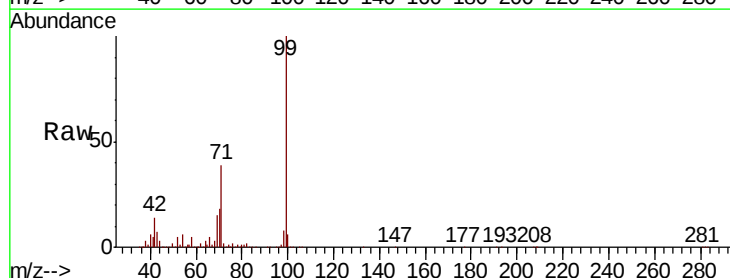
Tgt Ion: 99 Resp: 3263708

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

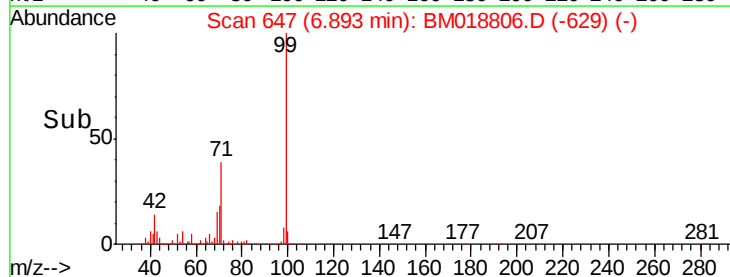
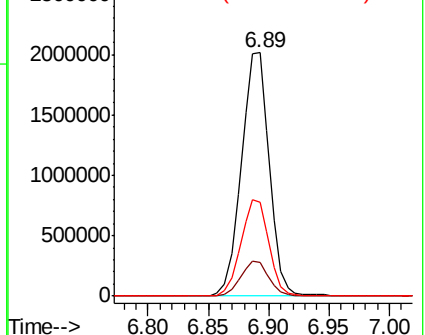
71 38.8 31.3 46.9

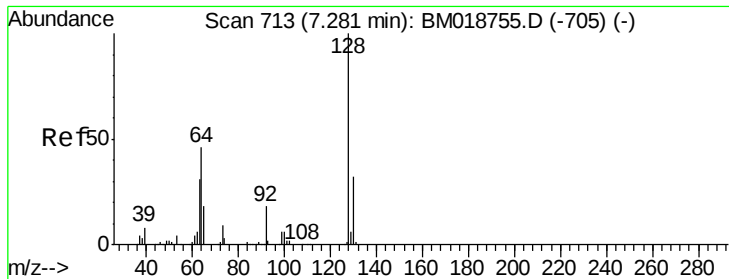


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.026 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

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JC-02-021119-M

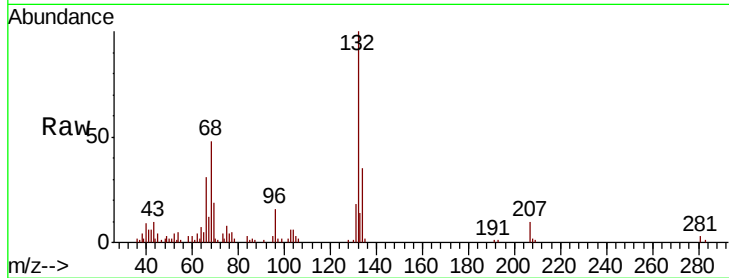
Tgt Ion:128 Resp: 549

Ion Ratio Lower Upper

128 100

130 73.4 11.7 51.7#

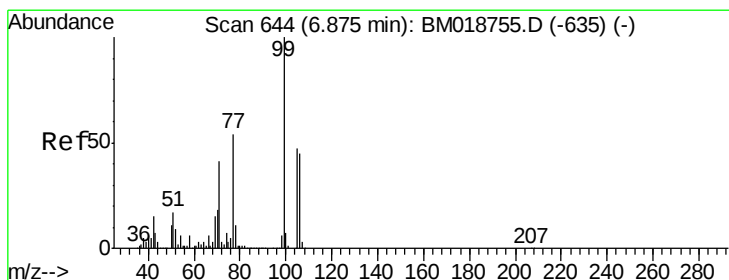
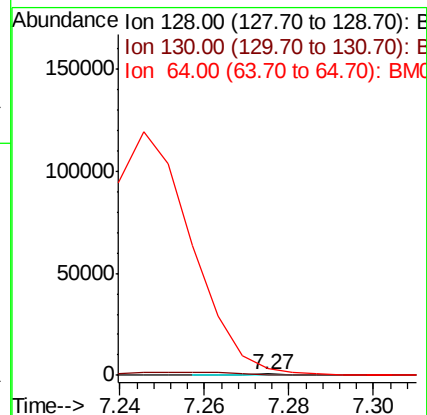
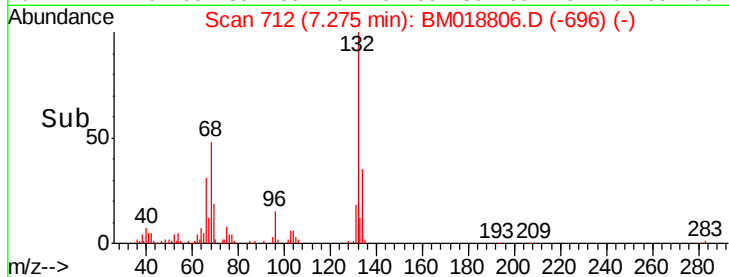
64 482.4 31.0 71.0#



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: BM018806.D

Acq: 13 Feb 2019 17:45

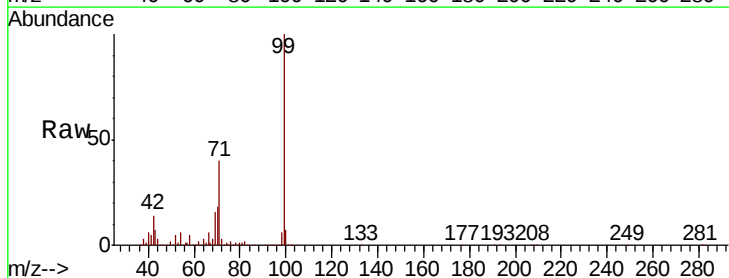
Tgt Ion: 77 Resp: 7256

Ion Ratio Lower Upper

77 100

105 13.4 67.3 107.3#

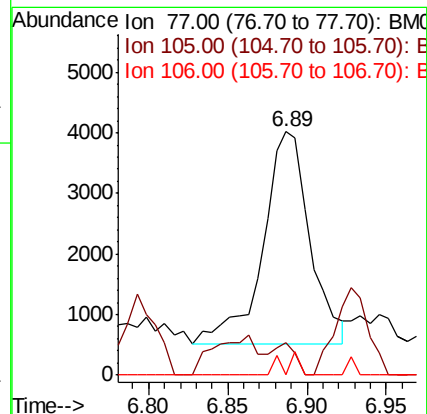
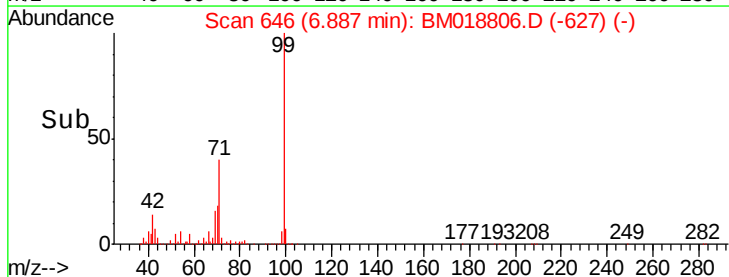
106 0.0 62.9 102.9#

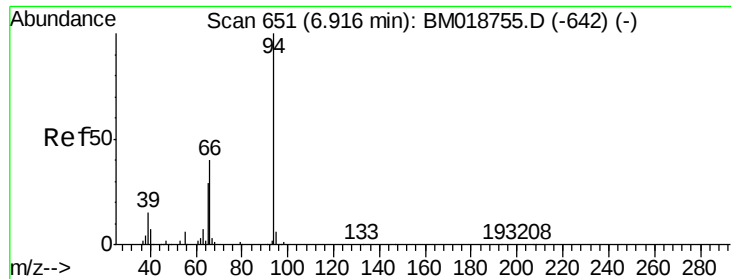


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.033 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

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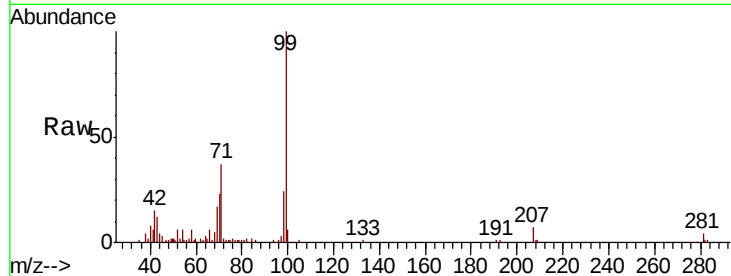
Tgt Ion: 94 Resp: 920

Ion Ratio Lower Upper

94 100

65 269.0 9.6 49.6#

66 828.8 20.4 60.4#



Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

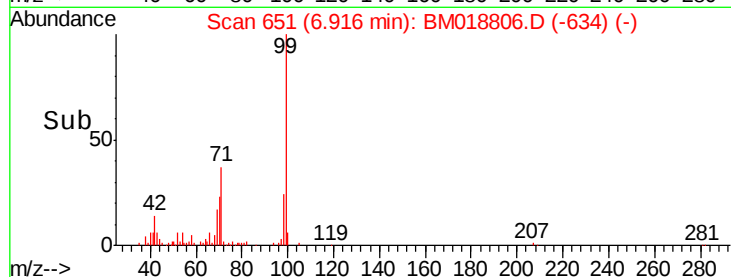
150000

100000

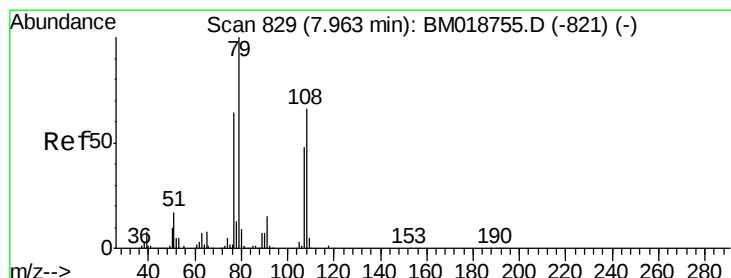
50000

0

6.85 6.90 6.95



Time-->



#15

Benzyl Alcohol

Concen: 1.774 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.06 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

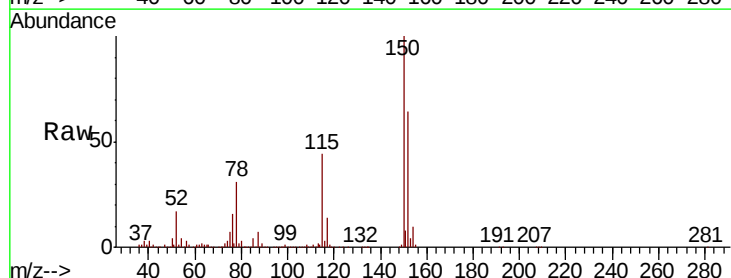
Tgt Ion: 79 Resp: 37529

Ion Ratio Lower Upper

79 100

108 30.2 52.7 79.1#

77 116.9 51.0 76.4#



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)

40000

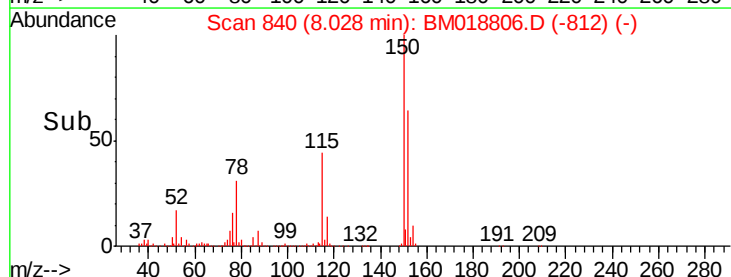
30000

20000

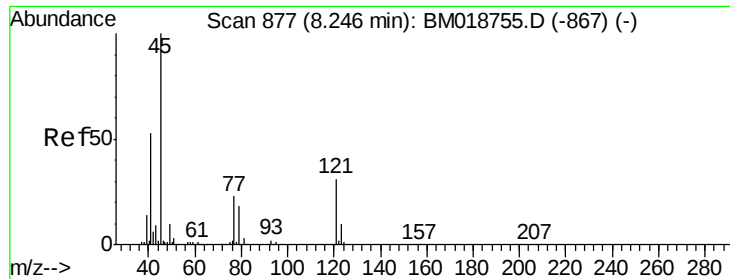
10000

0

7.95 8.00 8.05



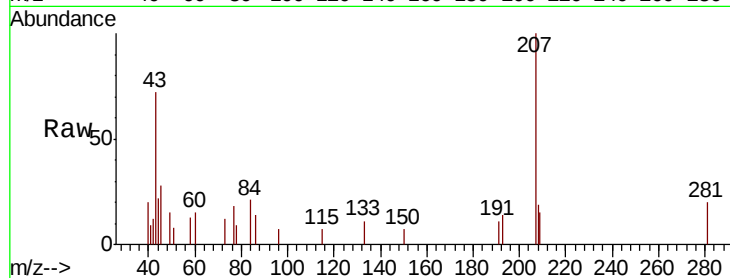
Time-->



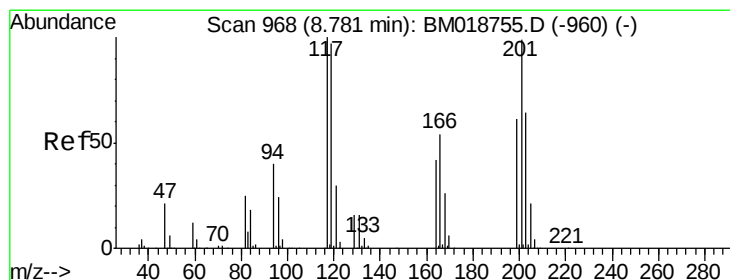
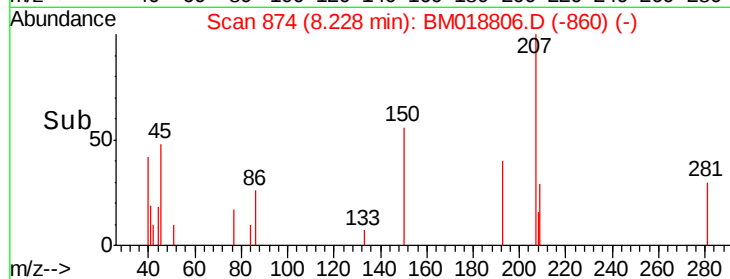
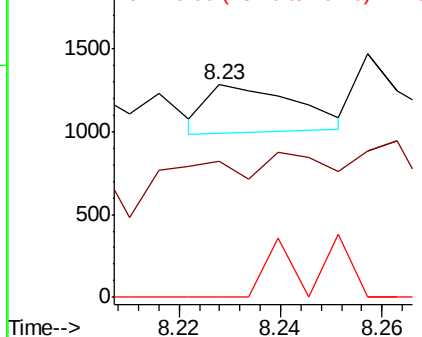
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.017 ng
 RT: 8.23 min Scan# 874
 Delta R.T. -0.02 min
 Lab File: BM018806.D
 Acq: 13 Feb 2019 17:45

Instrument :
 BNA_M
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 JC-02-021119-M

Tgt Ion: 45 Resp: 352
 Ion Ratio Lower Upper
 45 100
 77 64.0 5.0 45.0#
 79 0.0 0.0 39.3

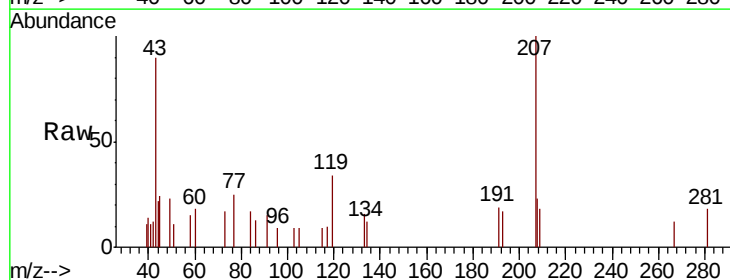


Abundance Ion 45.00 (44.70 to 45.70): BM018755.D (-867) (-)
 Ion 77.00 (76.70 to 77.70): BM018755.D (-867) (-)
 Ion 79.00 (78.70 to 79.70): BM018755.D (-867) (-)

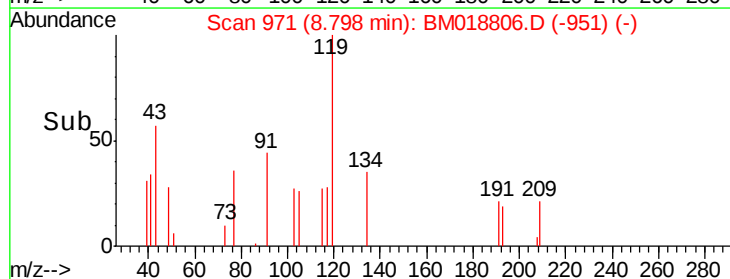
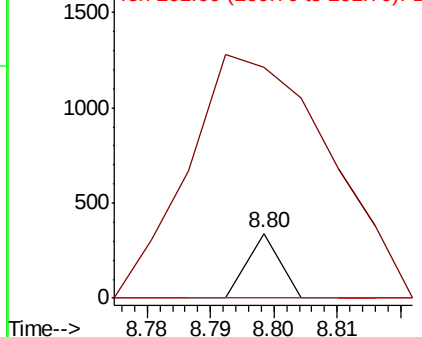


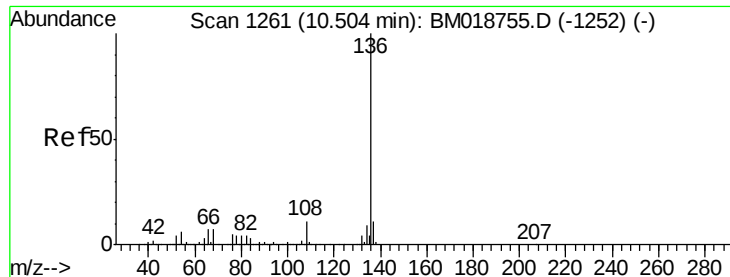
#18
 Hexachloroethane
 Concen: 0.014 ng
 RT: 8.80 min Scan# 971
 Delta R.T. 0.02 min
 Lab File: BM018806.D
 Acq: 13 Feb 2019 17:45

Tgt Ion: 117 Resp: 121
 Ion Ratio Lower Upper
 117 100
 119 355.3 77.9 116.9#
 201 0.0 79.2 118.8#



Abundance Ion 117.00 (116.70 to 117.70): BM018755.D (-960) (-)
 Ion 119.00 (118.70 to 119.70): BM018755.D (-960) (-)
 Ion 201.00 (200.70 to 201.70): BM018755.D (-960) (-)

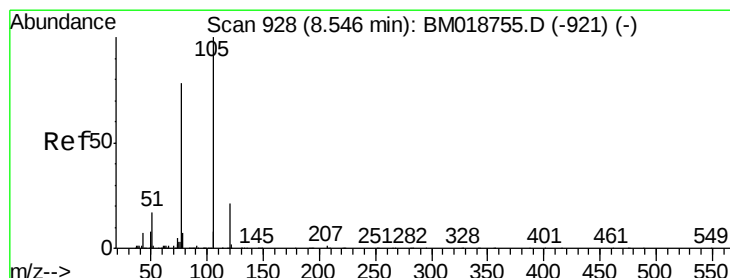
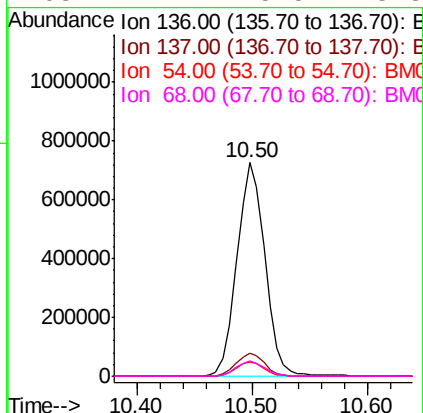
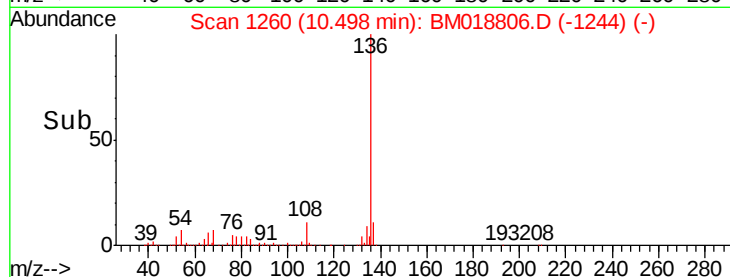
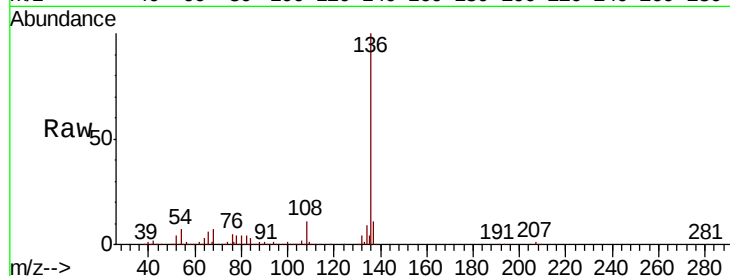




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

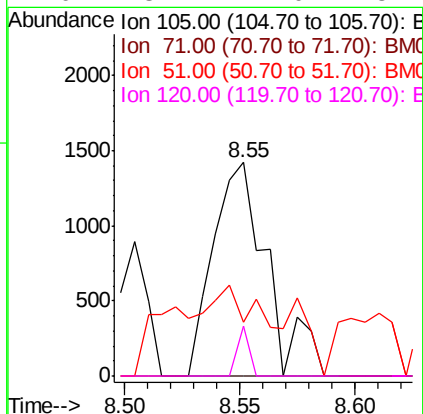
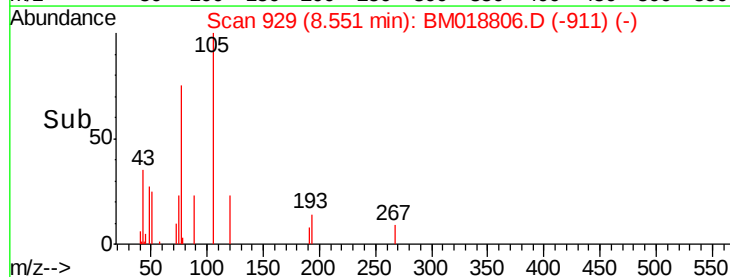
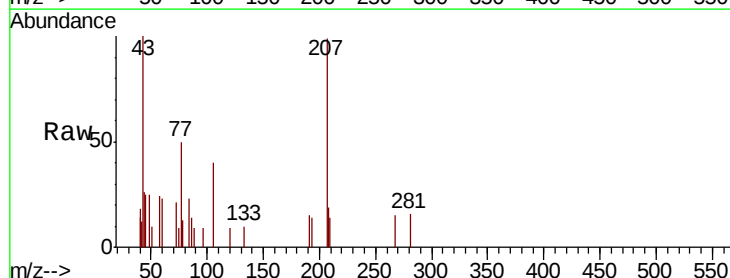
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-M

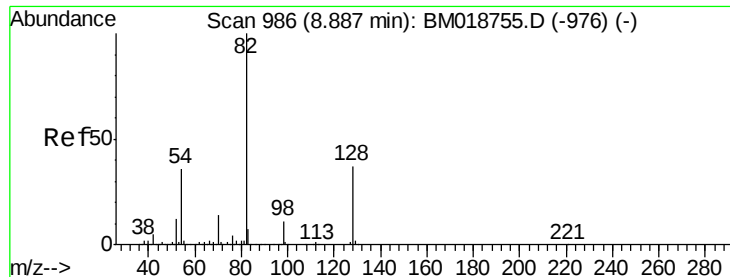
Tgt Ion:	136	Resp:	1221968
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	5.0	7.6
68	7.2	5.5	8.3



#22
Acetophenone
Concen: 0.069 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

Tgt Ion:	105	Resp:	2319
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	25.1	15.5	23.3#
120	23.2	17.0	25.4

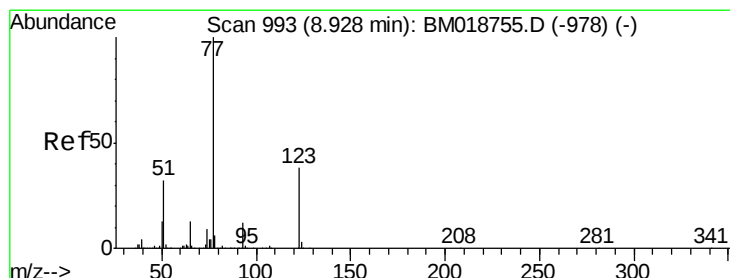
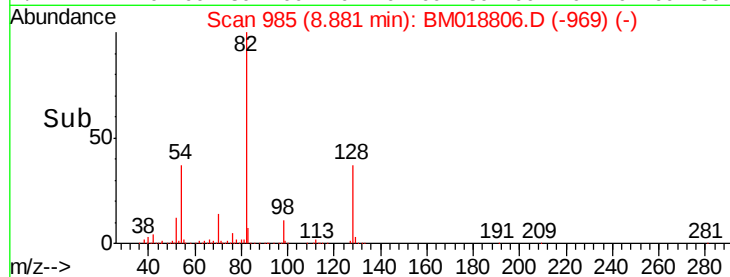
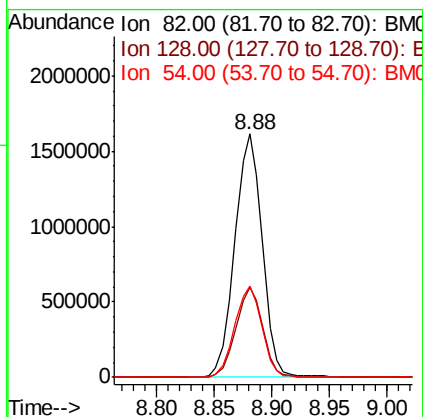
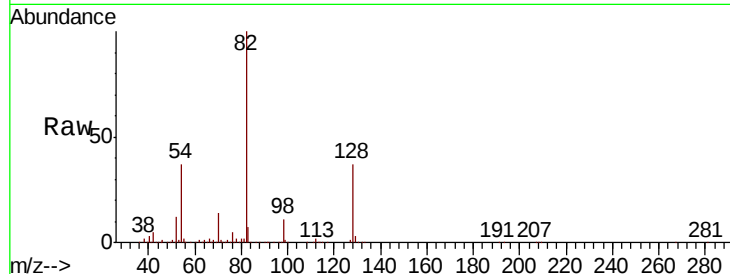




#23
 Nitrobenzene-d5
 Concen: 100.477 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018806.D
 Acq: 13 Feb 2019 17:45

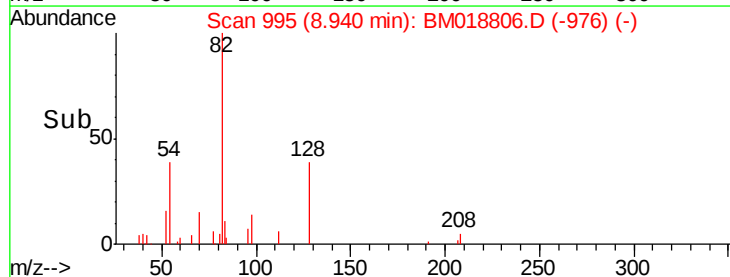
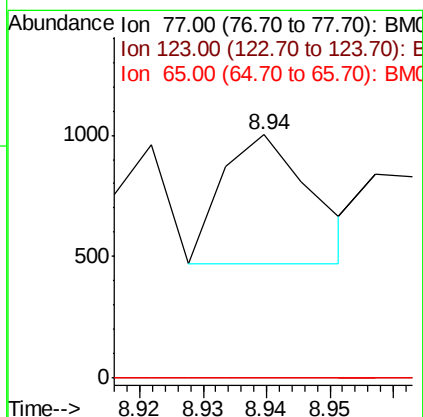
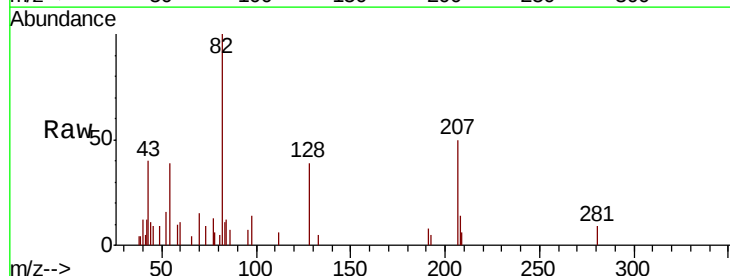
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-M

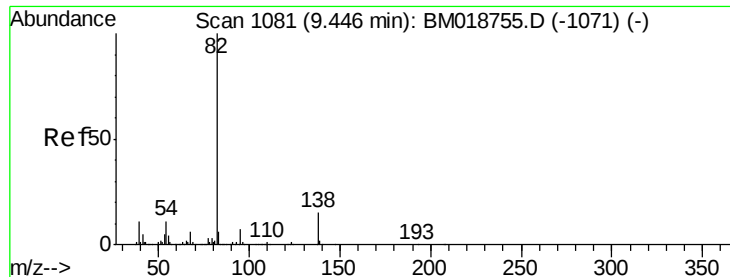
Tgt Ion: 82 Resp: 2655349
 Ion Ratio Lower Upper
 82 100
 128 37.0 29.9 44.9
 54 37.3 29.1 43.7



#24
 Nitrobenzene
 Concen: 0.019 ng
 RT: 8.94 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: BM018806.D
 Acq: 13 Feb 2019 17:45

Tgt Ion: 77 Resp: 515
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.7 46.1#
 65 0.0 10.5 15.7#





#25

Isophorone

Concen: 0.011 ng

RT: 9.45 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

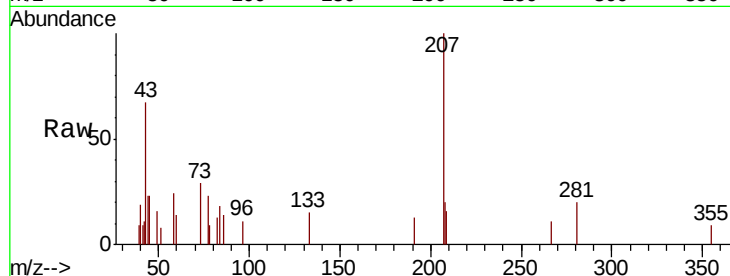
Tgt Ion: 82 Resp: 455

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 12.3 18.5#

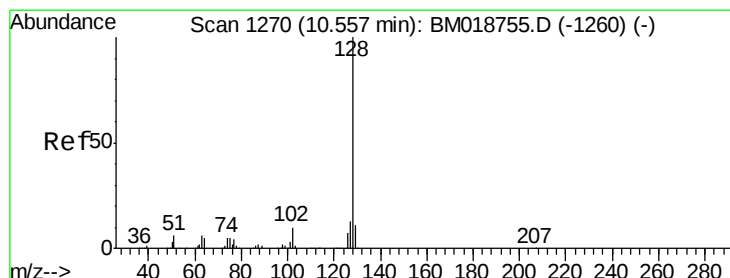
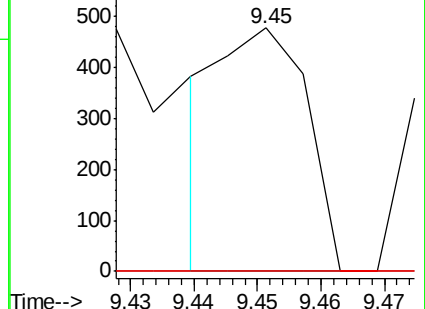
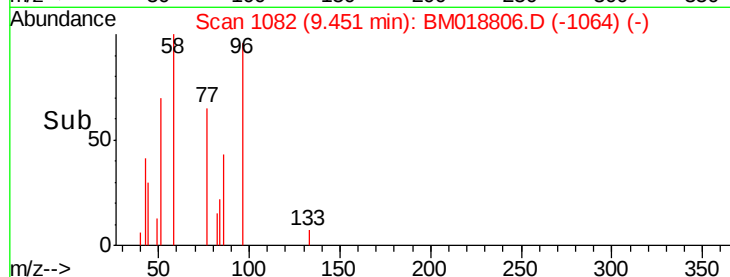


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)

Time-->



#31

Naphthalene

Concen: 0.206 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

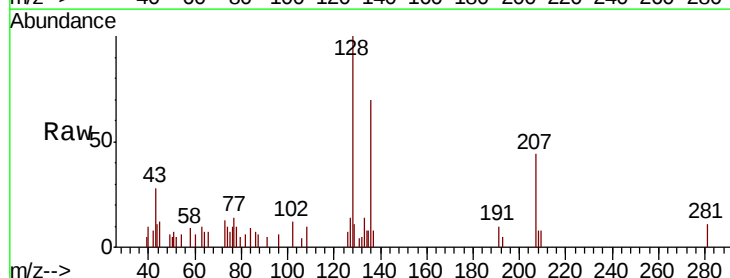
Tgt Ion: 128 Resp: 12301

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 14.4 10.7 16.1

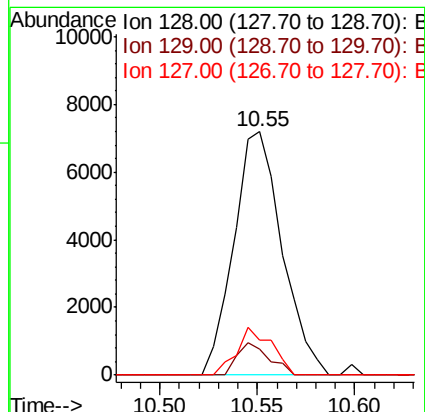
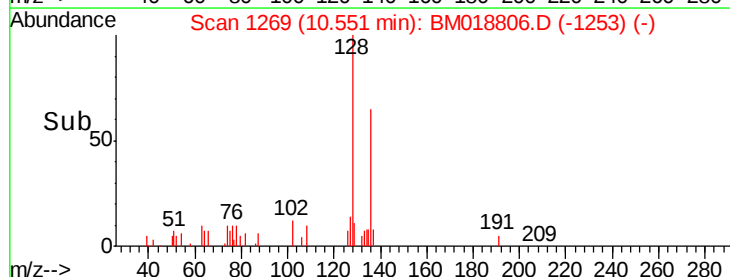


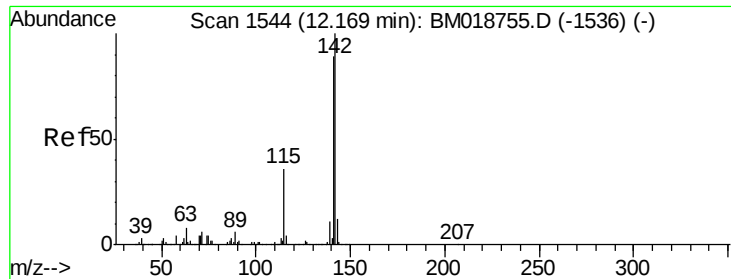
Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-1260) (-)

Ion 129.00 (128.70 to 129.70): BM018755.D (-1260) (-)

Ion 127.00 (126.70 to 127.70): BM018755.D (-1260) (-)

Time-->





#37

2-Methylnaphthalene

Concen: 0.104 ng

RT: 12.18 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

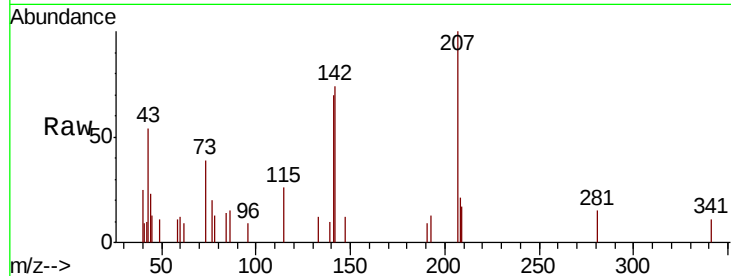
Tgt Ion:142 Resp: 4349

Ion Ratio Lower Upper

142 100

141 95.2 71.2 106.8

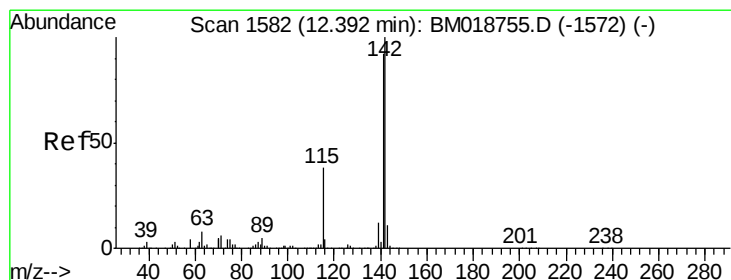
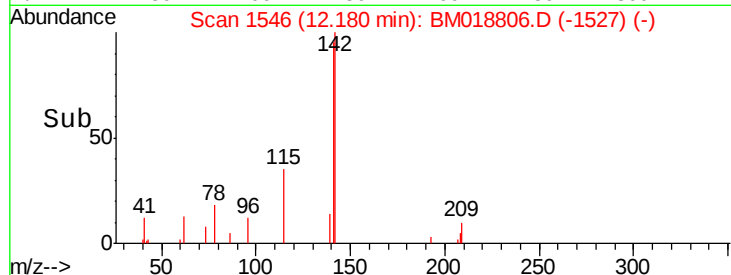
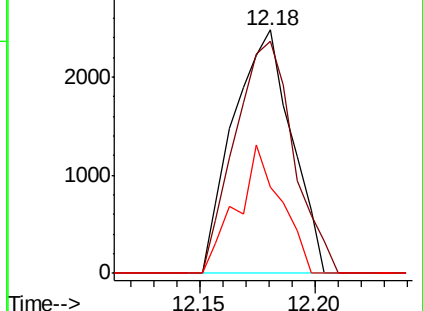
115 35.3 29.1 43.7



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: 0.078 ng

RT: 12.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

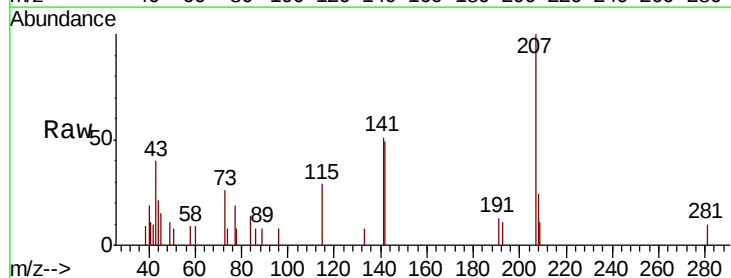
Tgt Ion:142 Resp: 3190

Ion Ratio Lower Upper

142 100

141 102.2 73.9 110.9

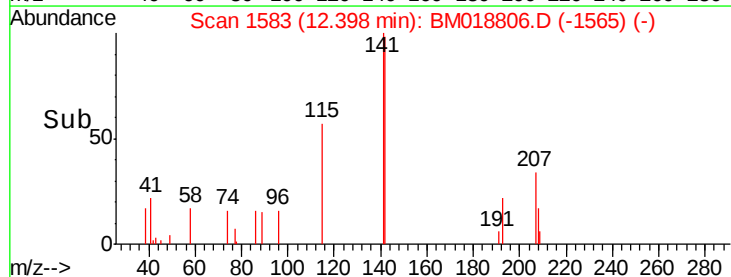
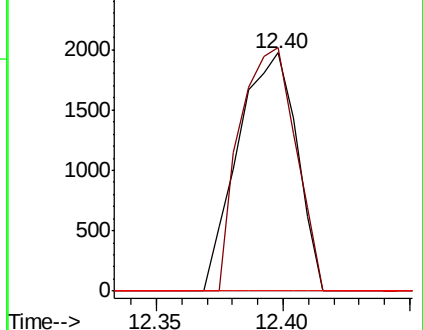
116 0.0 3.0 4.4#

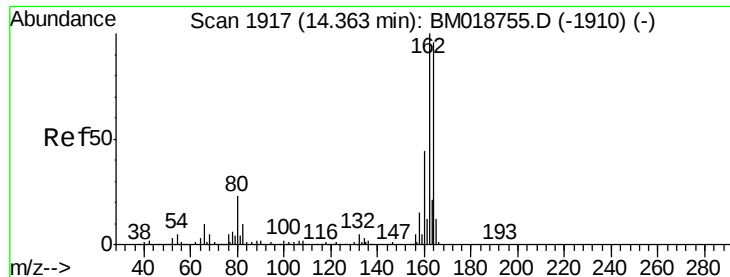


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1917

Delta R.T. -0.00 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

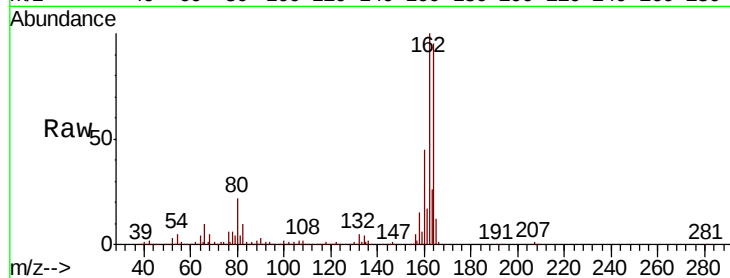
Tgt Ion:164 Resp: 685829

Ion Ratio Lower Upper

164 100

162 105.1 83.4 125.0

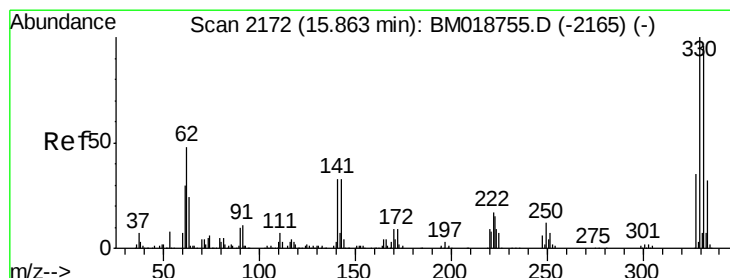
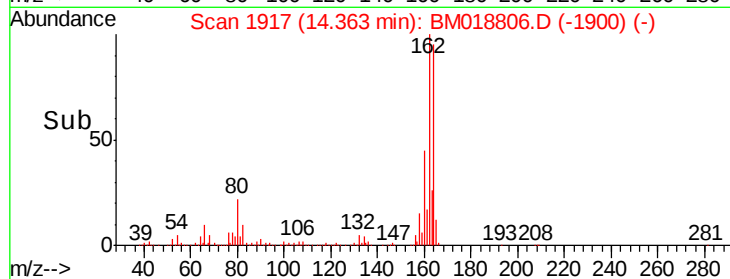
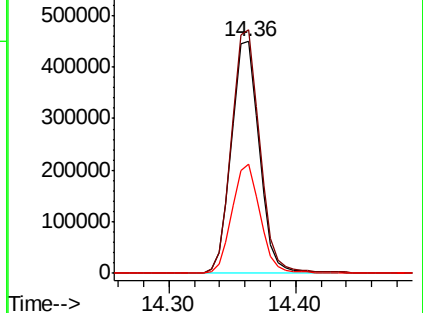
160 47.2 36.6 55.0



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: 157.525 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

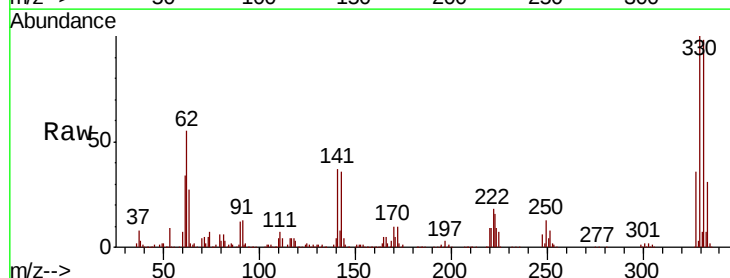
Tgt Ion:330 Resp: 1557295

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

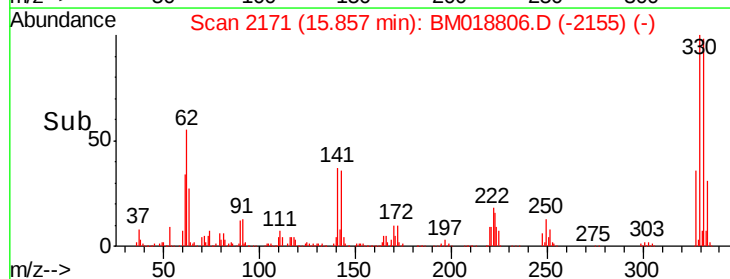
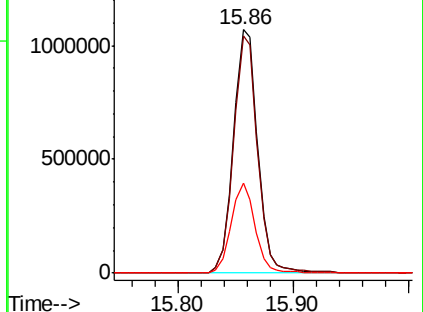
141 36.7 28.7 43.1

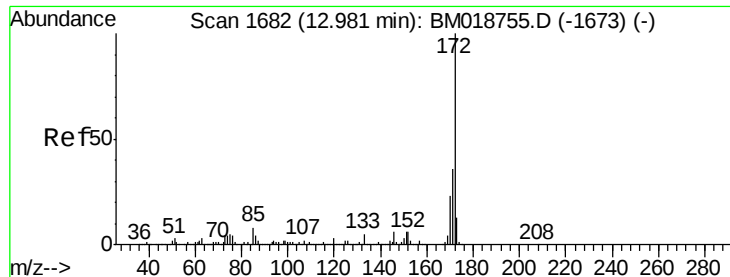


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

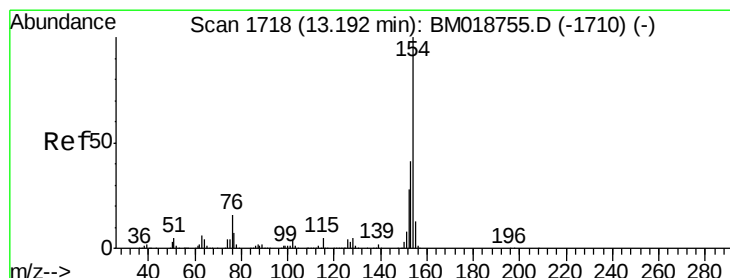
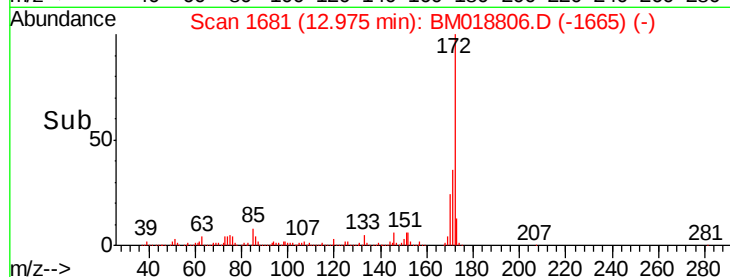
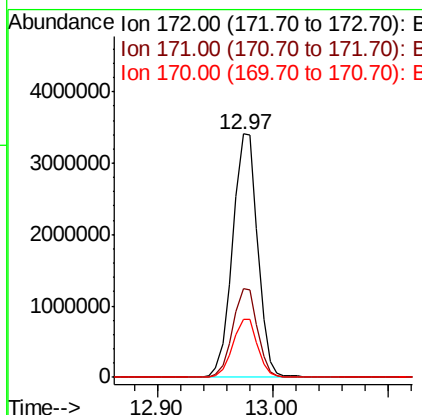
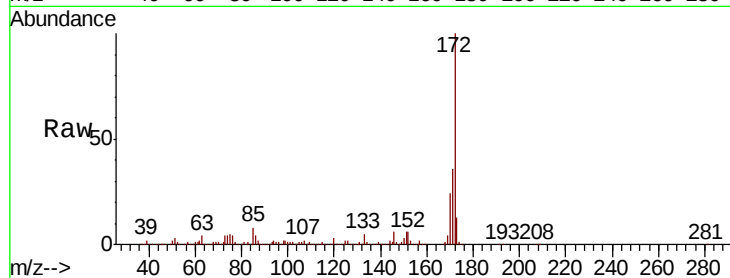




#45
2-Fluorobiphenyl
Concen: 99.669 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

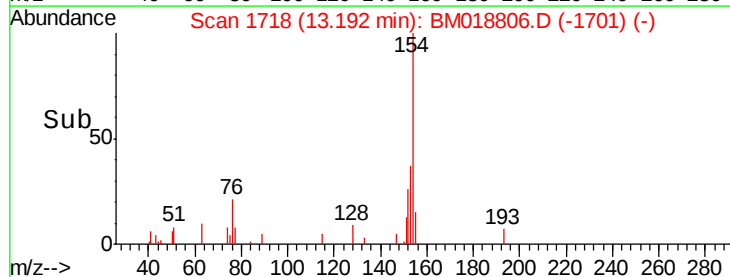
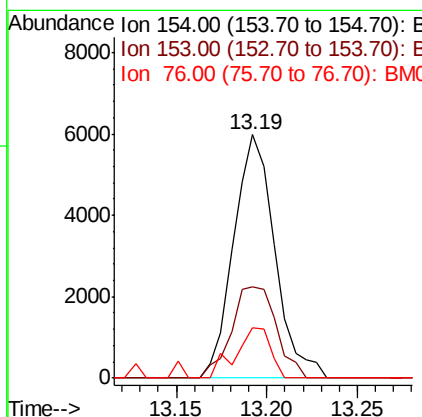
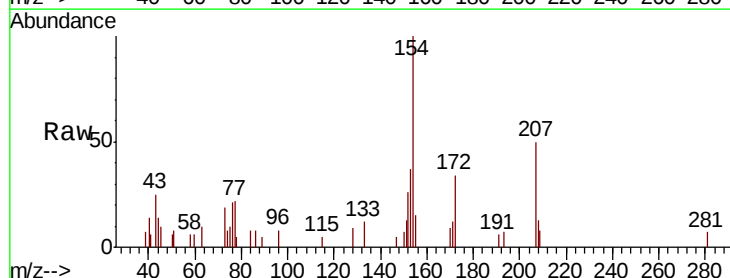
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-M

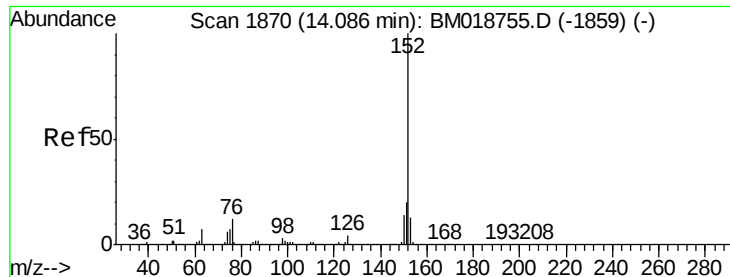
Tgt Ion:172 Resp: 5149301
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.8 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.160 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

Tgt Ion:154 Resp: 9473
Ion Ratio Lower Upper
154 100
153 37.4 21.1 61.1
76 20.6 0.0 35.7





#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

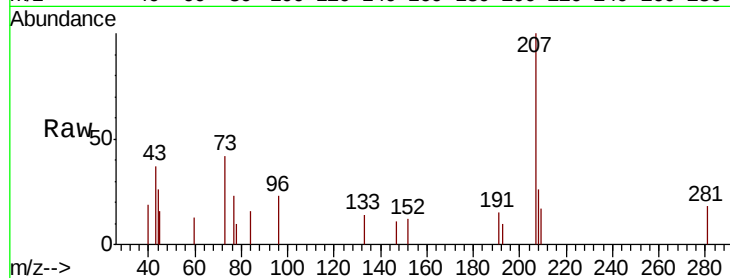
Tgt Ion:152 Resp: 257

Ion Ratio Lower Upper

152 100

151 0.0 15.8 23.8#

153 0.0 10.5 15.7#

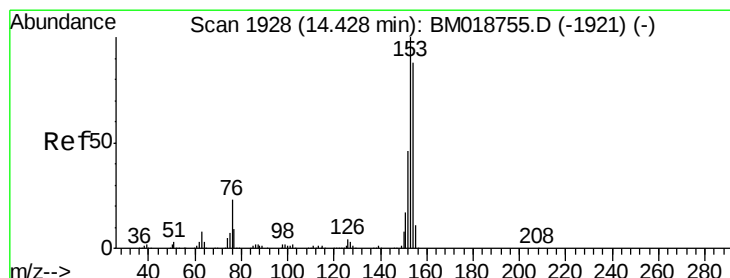
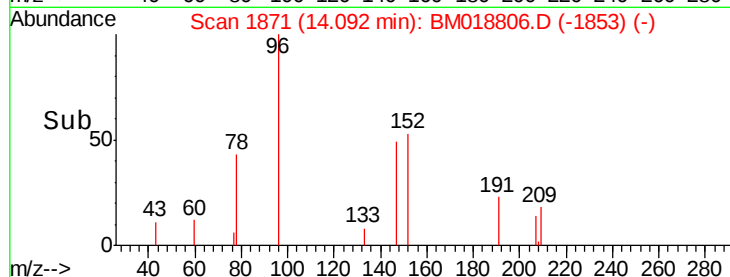
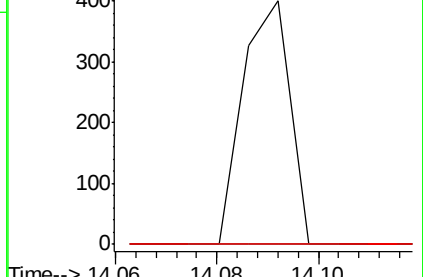


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.09



#52

Acenaphthene

Concen: 0.026 ng

RT: 14.42 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

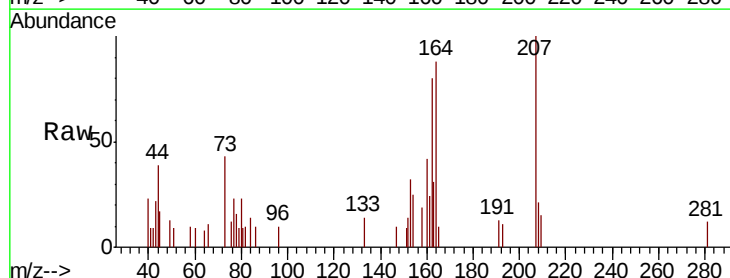
Tgt Ion:154 Resp: 1072

Ion Ratio Lower Upper

154 100

153 129.0 91.3 136.9

152 58.1 42.2 63.4

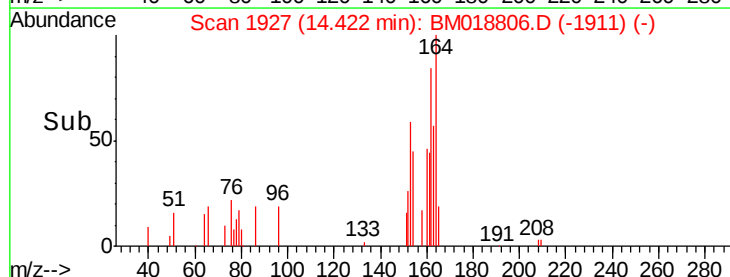
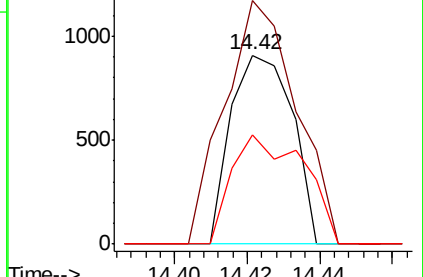


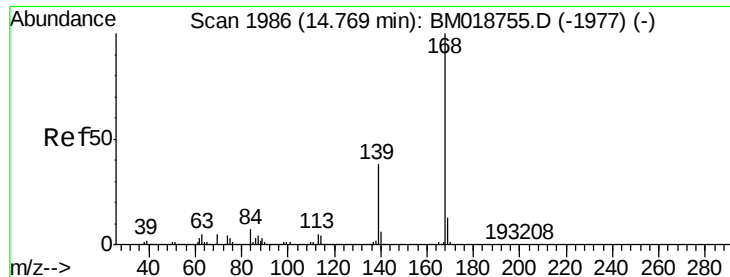
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.42





#55

Dibenzenofuran

Concen: 0.017 ng

RT: 14.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

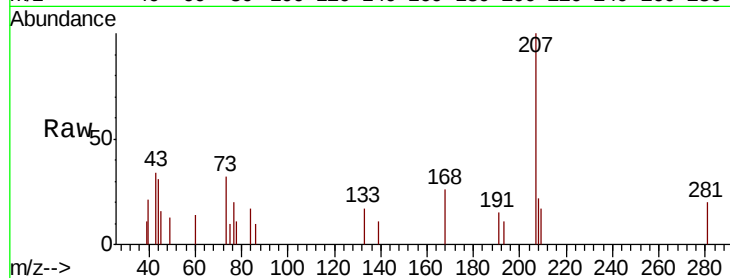
Tgt Ion:168 Resp: 1184

Ion Ratio Lower Upper

168 100

139 41.9 30.7 46.1

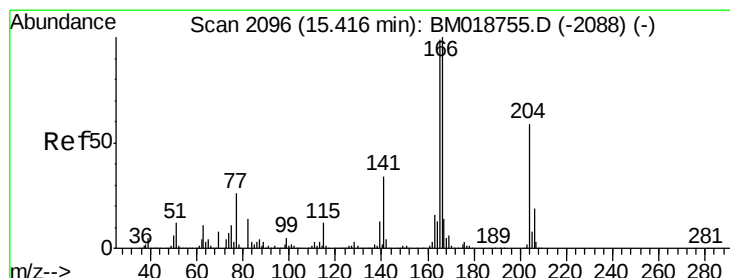
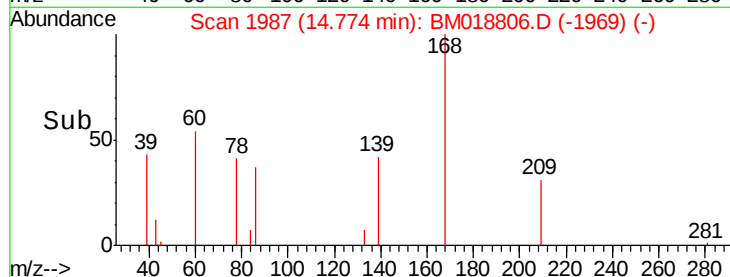
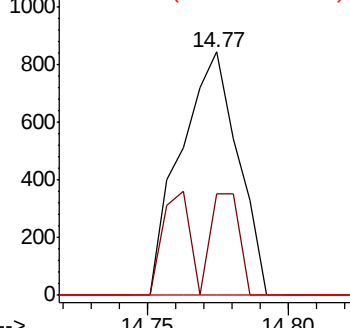
169 0.0 10.3 15.5#



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: 0.025 ng

RT: 15.42 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

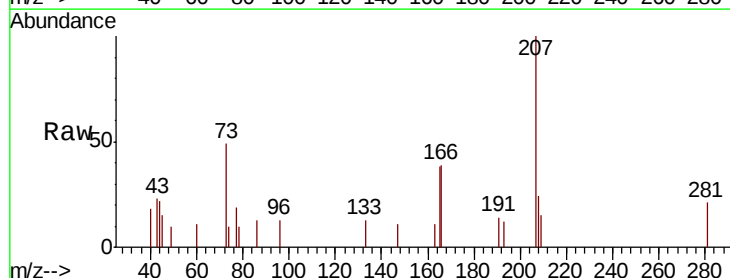
Tgt Ion:166 Resp: 1308

Ion Ratio Lower Upper

166 100

165 98.6 79.1 118.7

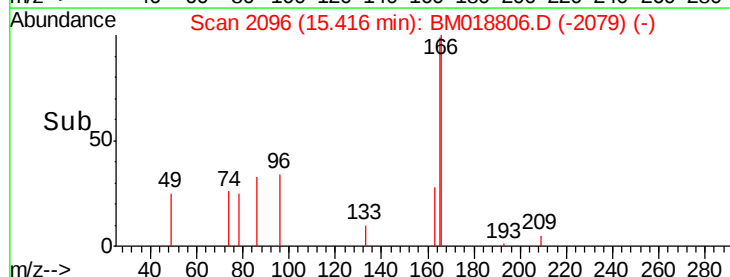
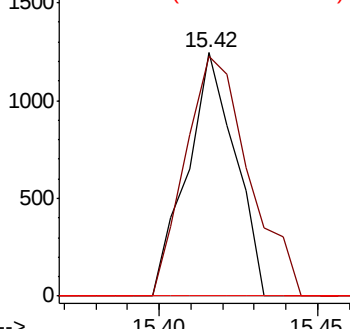
167 0.0 11.0 16.4#

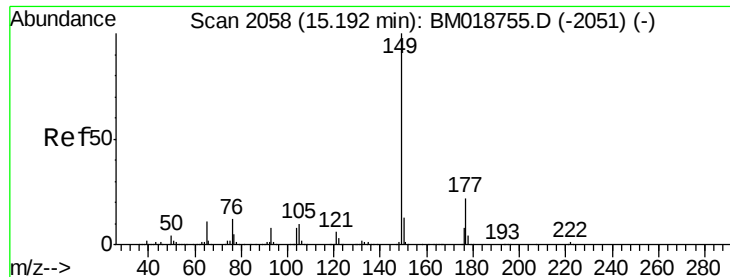


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

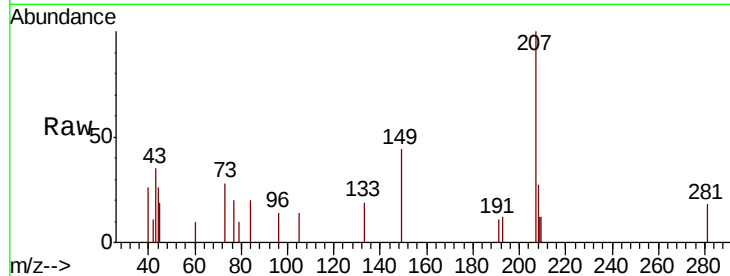




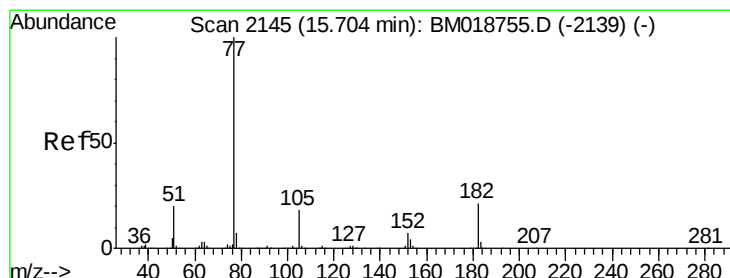
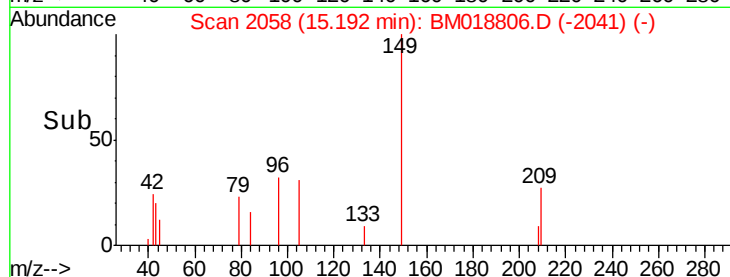
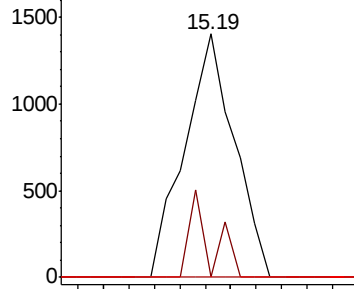
#60
Diethylphthalate
Concen: 0.033 ng
RT: 15.19 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

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

Tgt Ion:	149	Resp:	1927
Ion Ratio	Lower	Upper	
149	100		
177	0.0	17.2	25.8#
150	0.0	10.2	15.2#

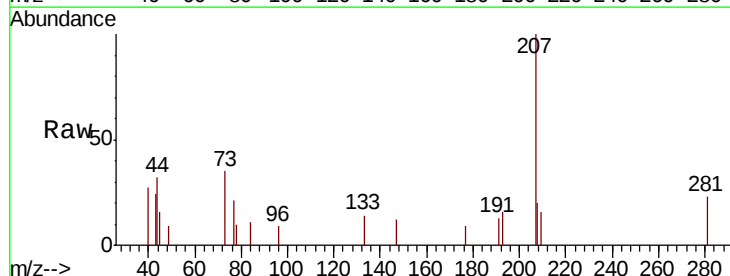


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

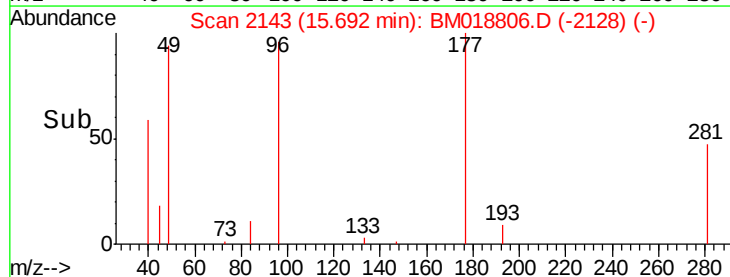
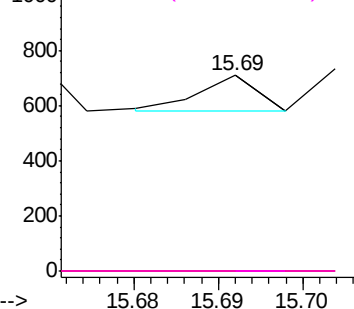


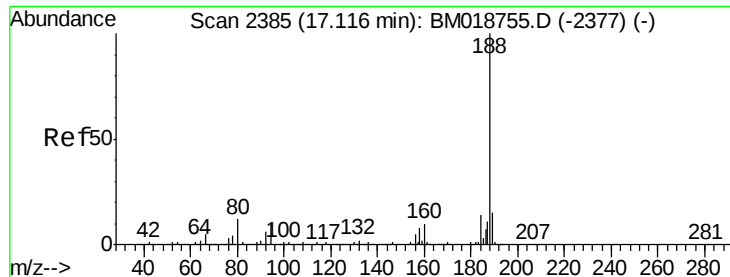
#63
Azobenzene
Concen: 0.001 ng
RT: 15.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

Tgt Ion:	77	Resp:	60
Ion Ratio	Lower	Upper	
77	100		
182	0.0	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

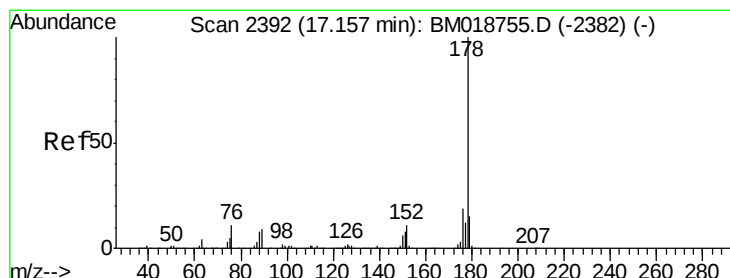
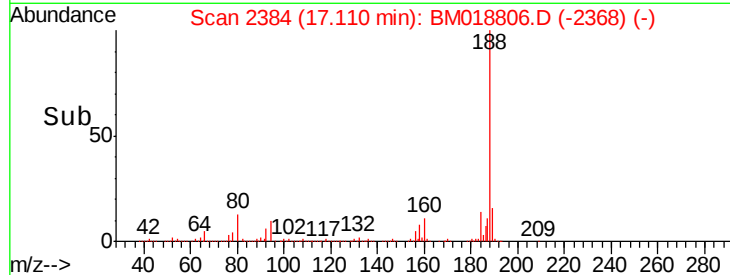
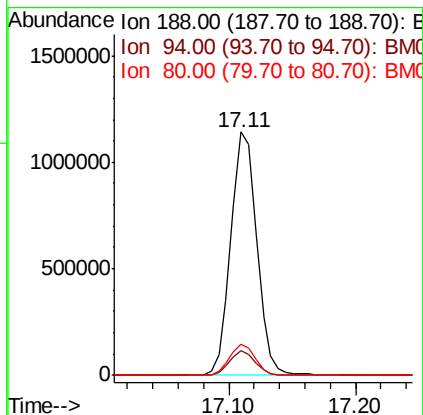
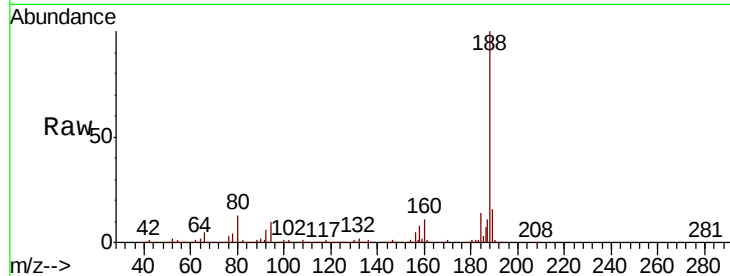




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

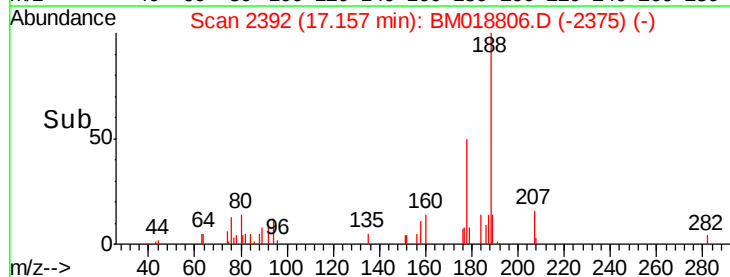
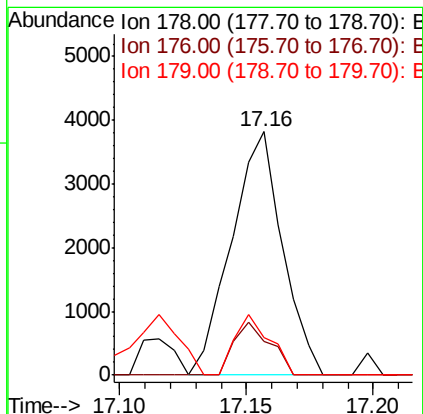
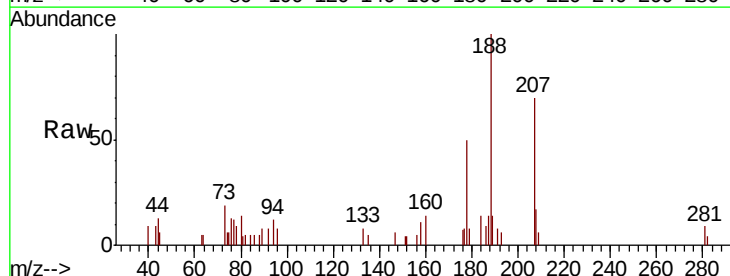
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-M

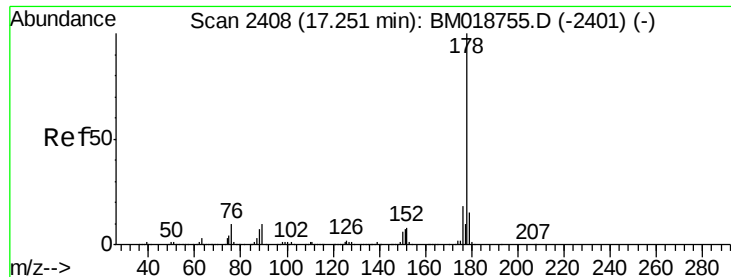
Tgt Ion:188 Resp: 1625000
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 12.6 9.7 14.5



#71
Phenanthrene
Concen: 0.061 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

Tgt Ion:178 Resp: 5345
Ion Ratio Lower Upper
178 100
176 13.7 15.4 23.0#
179 15.3 12.3 18.5





#72

Anthracene

Concen: 0.011 ng

RT: 17.25 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

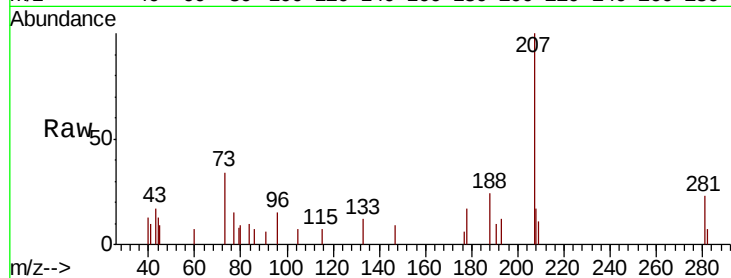
Tgt Ion:178 Resp: 925

Ion Ratio Lower Upper

178 100

176 0.0 14.8 22.2#

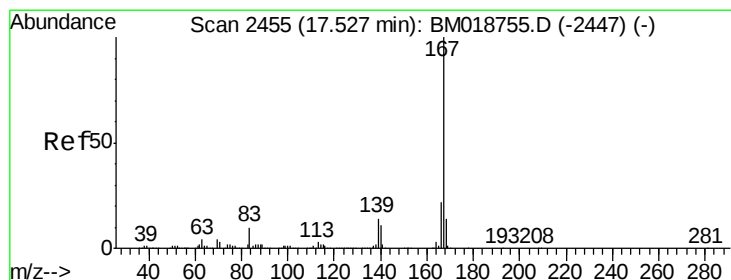
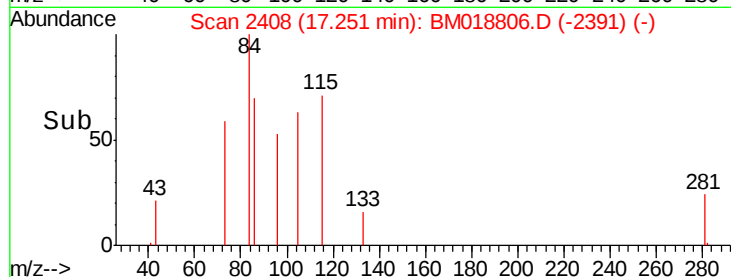
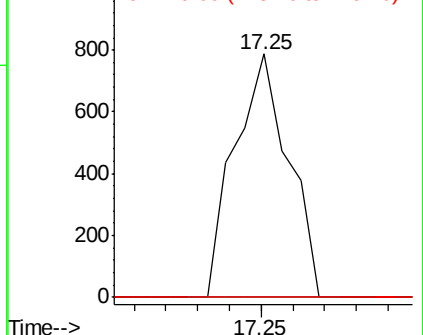
179 0.0 12.1 18.1#



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: 0.004 ng

RT: 17.54 min Scan# 2458

Delta R.T. 0.02 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

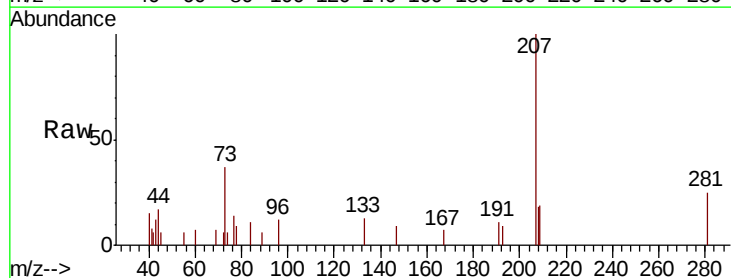
Tgt Ion:167 Resp: 362

Ion Ratio Lower Upper

167 100

166 0.0 17.7 26.5#

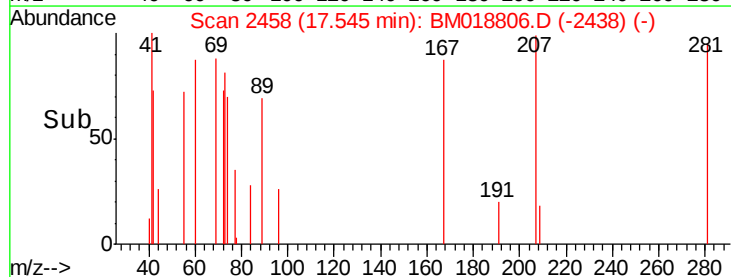
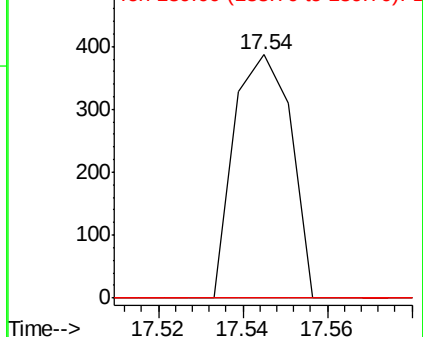
139 0.0 10.9 16.3#

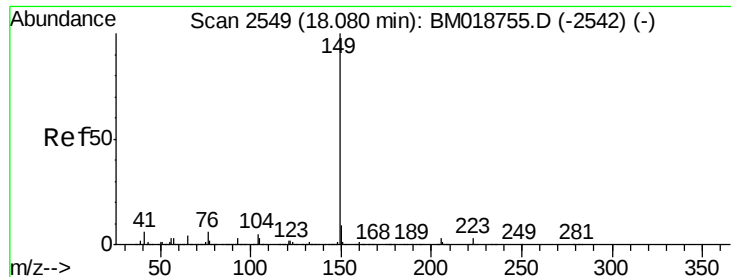


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.035 ng

RT: 18.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

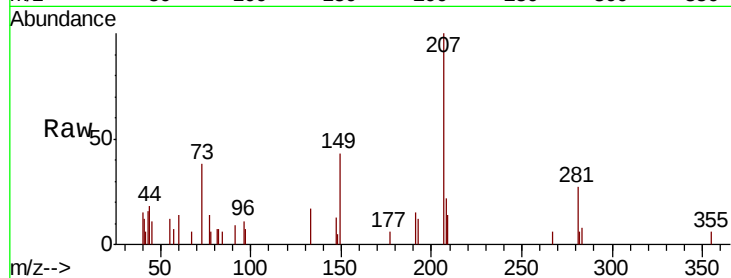
Tgt Ion:149 Resp: 3556

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

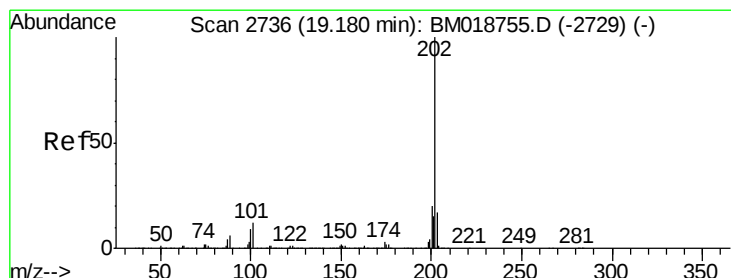
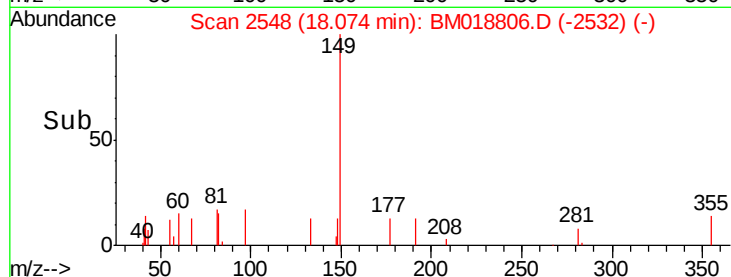
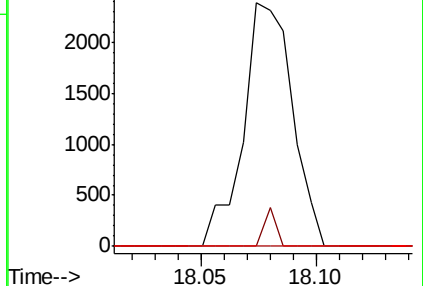
104 0.0 4.3 6.5#



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: 0.013 ng

RT: 19.19 min Scan# 2737

Delta R.T. 0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

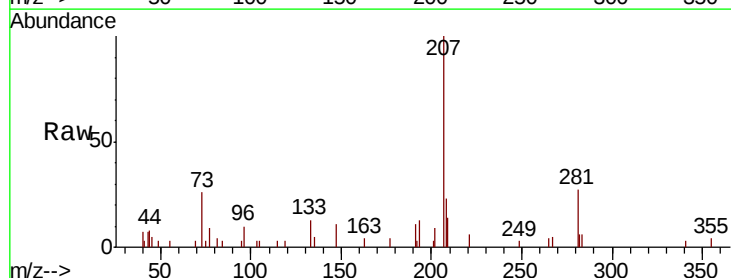
Tgt Ion:202 Resp: 1333

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

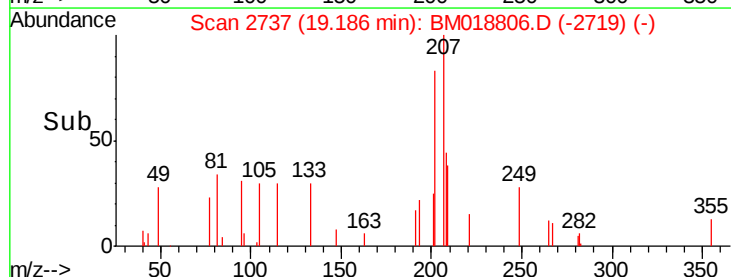
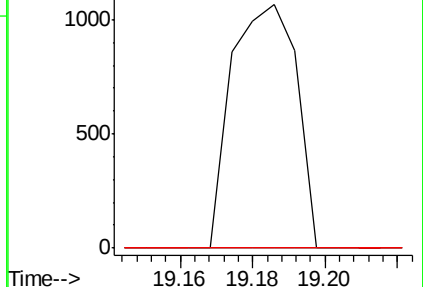
203 0.0 0.0 37.3

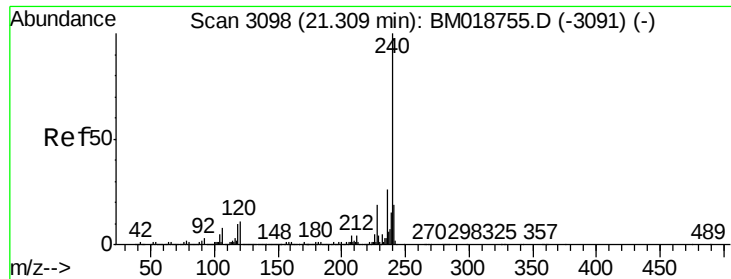


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

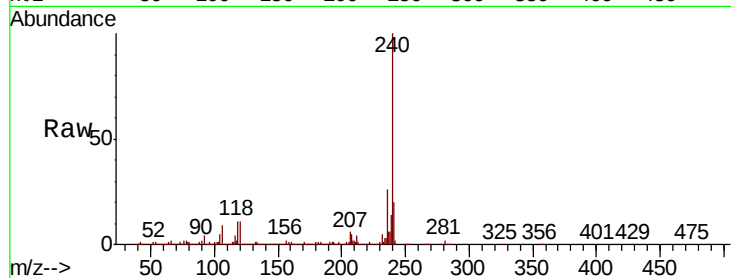




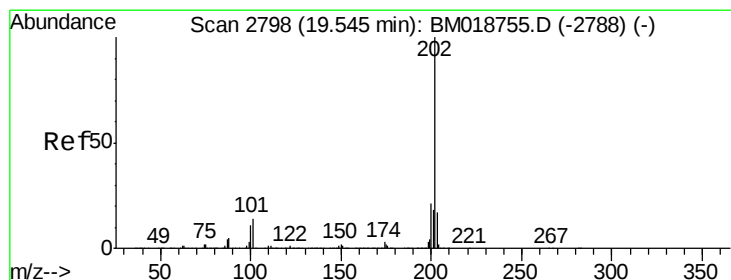
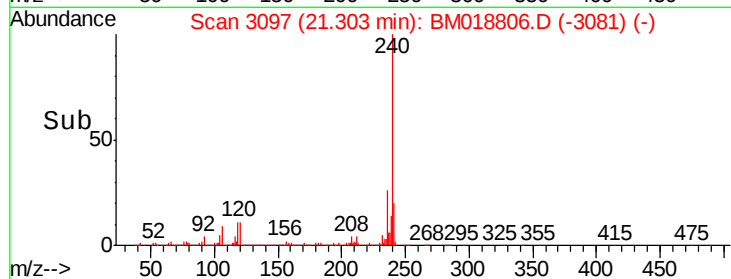
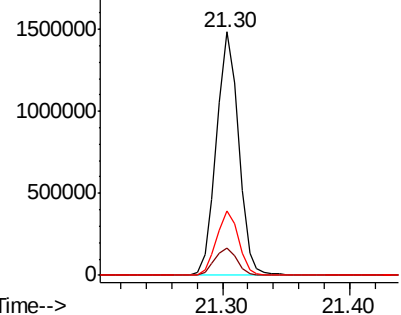
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

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

Tgt Ion:240 Resp: 1793134
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.3 20.9 31.3

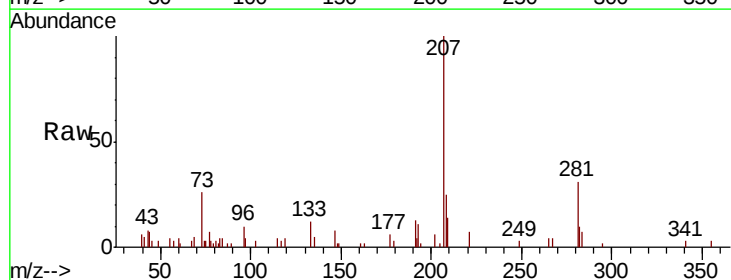


Abundance Ion 240.00 (239.70 to 240.70): E
2000000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

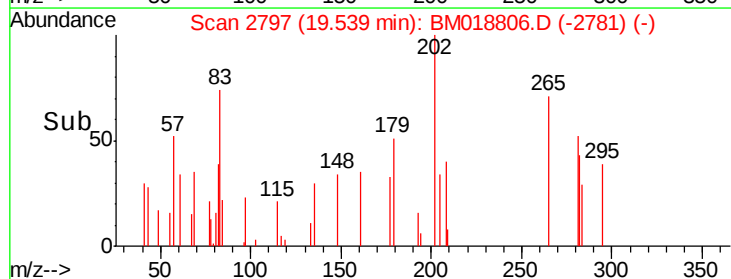
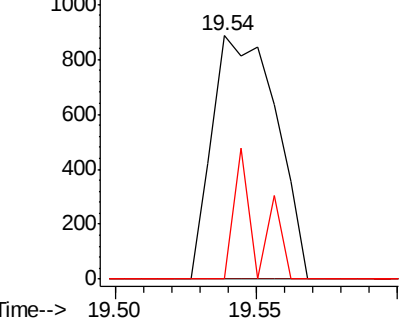


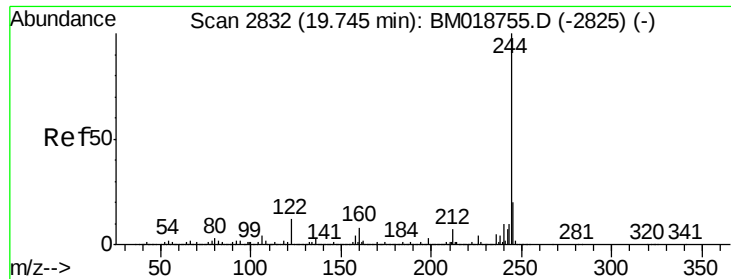
#78
Pyrene
Concen: 0.013 ng
RT: 19.54 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

Tgt Ion:202 Resp: 1395
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
1200 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 105.922 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

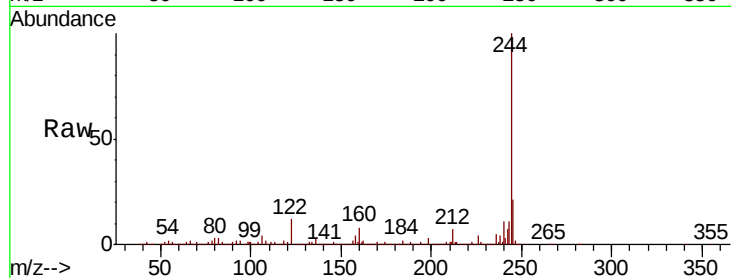
Tgt Ion:244 Resp: 9207037

Ion Ratio Lower Upper

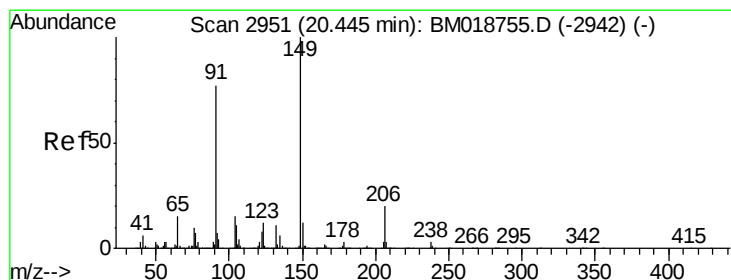
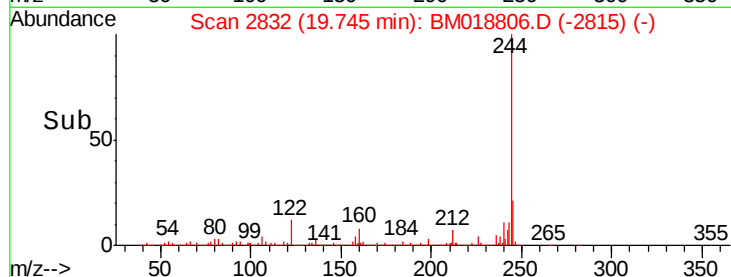
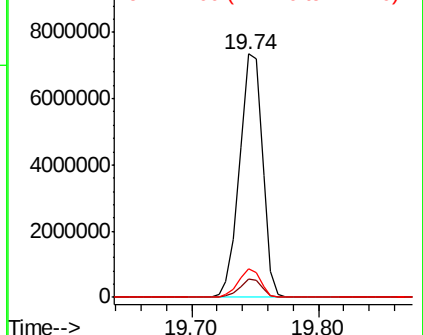
244 100

212 7.4 5.6 8.4

122 11.9 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E
1e+07 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.035 ng

RT: 20.44 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

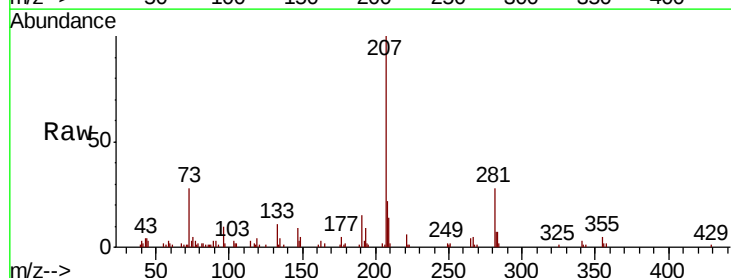
Tgt Ion:149 Resp: 1656

Ion Ratio Lower Upper

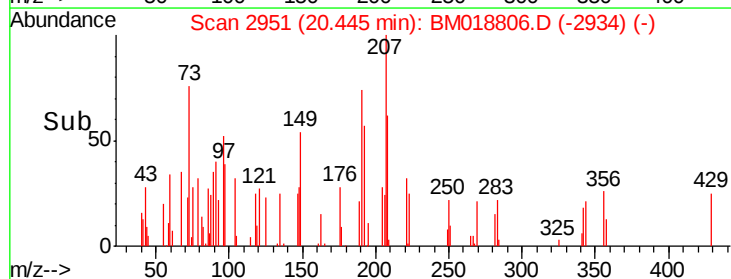
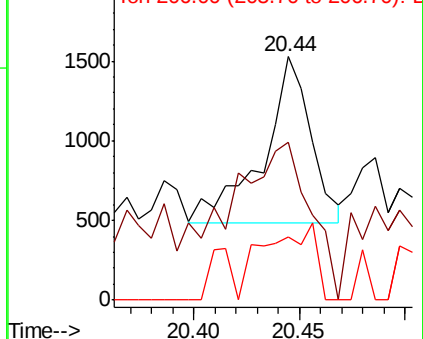
149 100

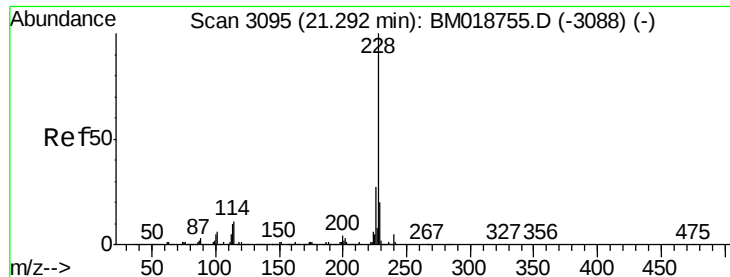
91 64.6 61.4 92.0

206 25.8 15.8 23.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM018806.D (-2934) (-)
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.050 ng

RT: 21.30 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

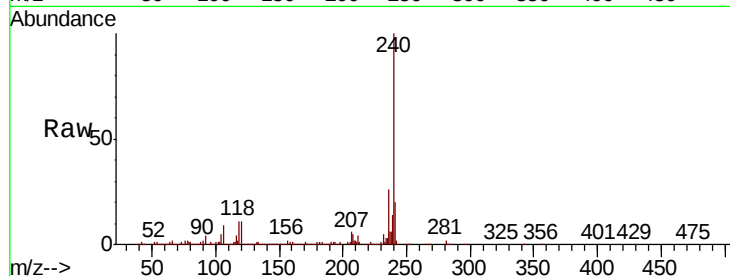
Tgt Ion:228 Resp: 5255

Ion Ratio Lower Upper

228 100

226 12.4 21.9 32.9#

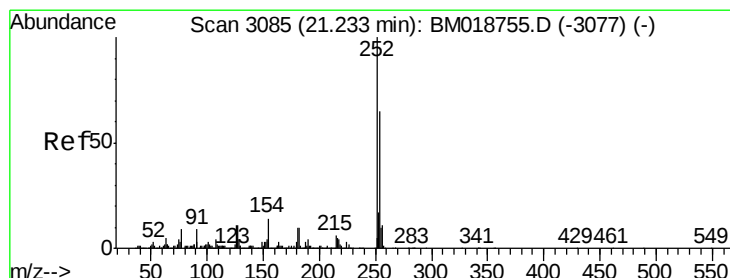
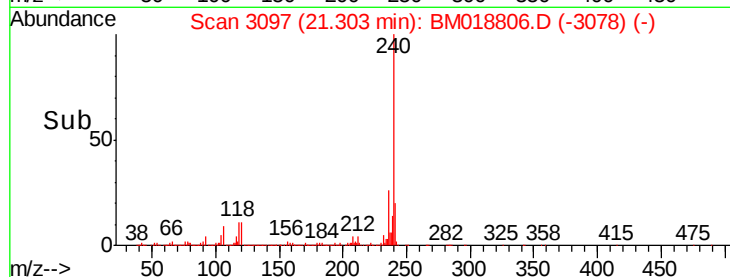
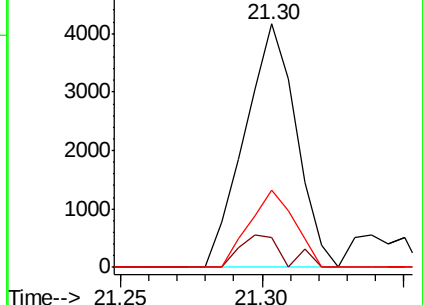
229 31.7 15.9 23.9#



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: 0.006 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

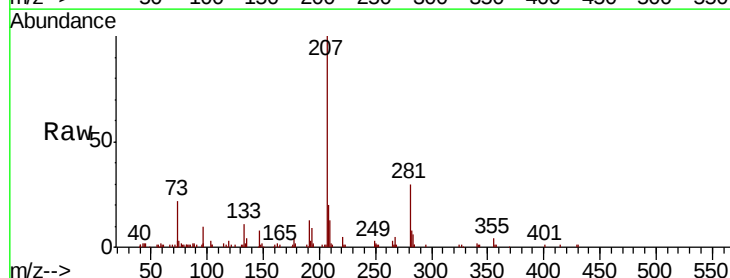
Tgt Ion:252 Resp: 251

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.8#

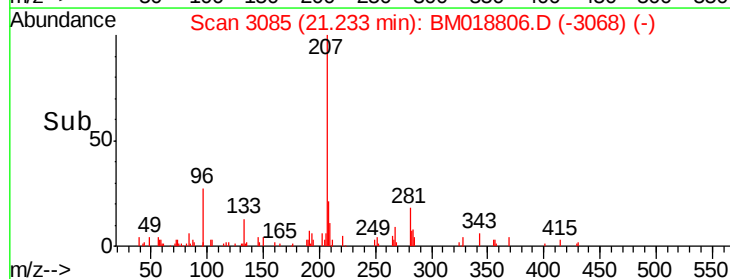
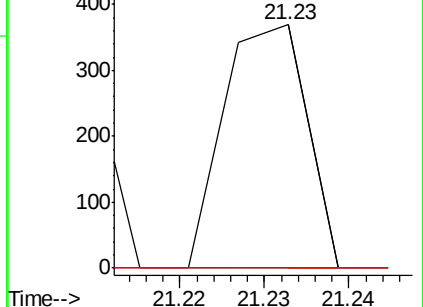
126 0.0 9.1 13.7#

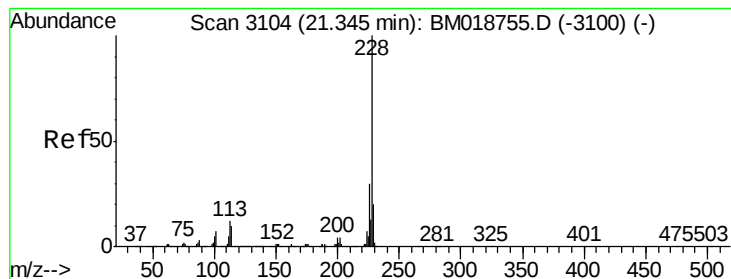


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.007 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

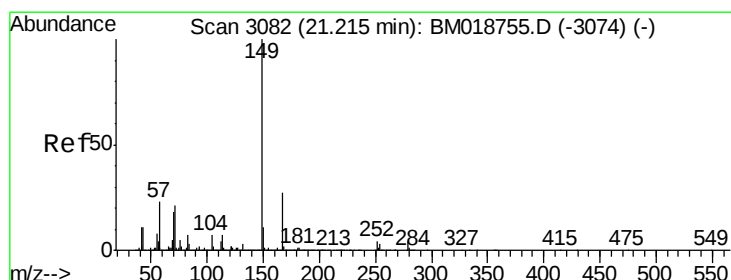
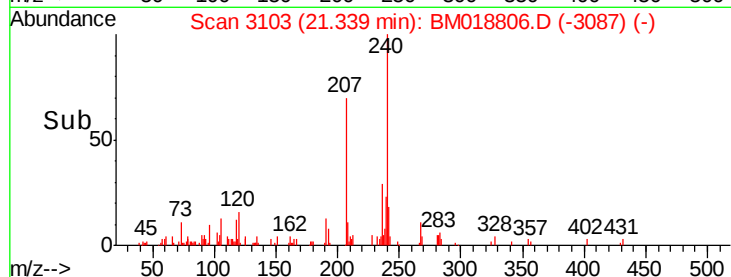
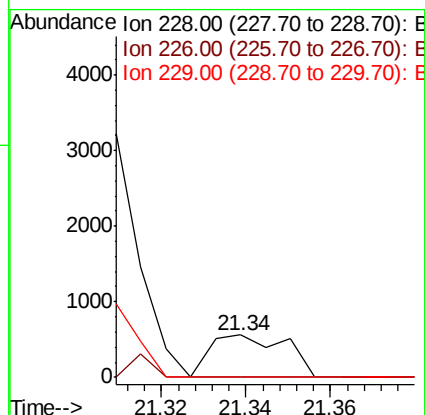
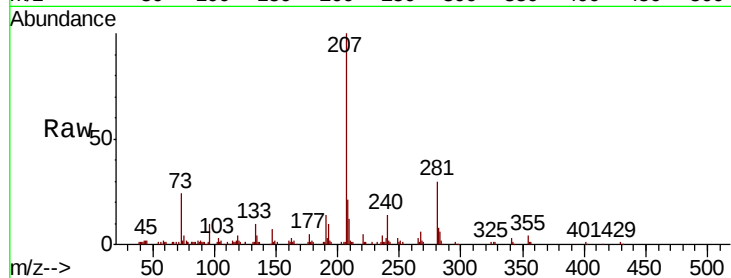
Tgt Ion: 228 Resp: 703

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: 0.029 ng

RT: 21.22 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

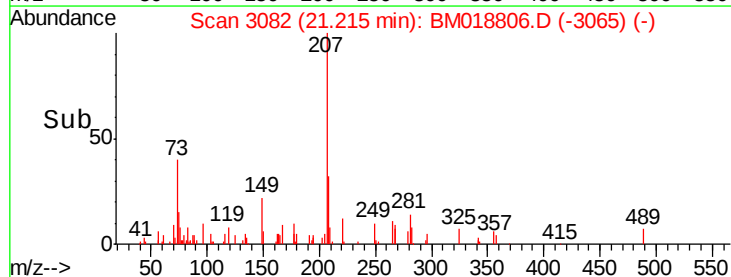
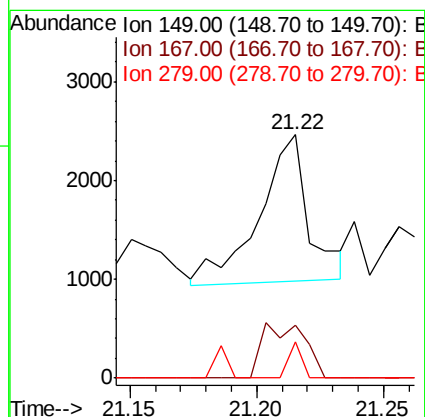
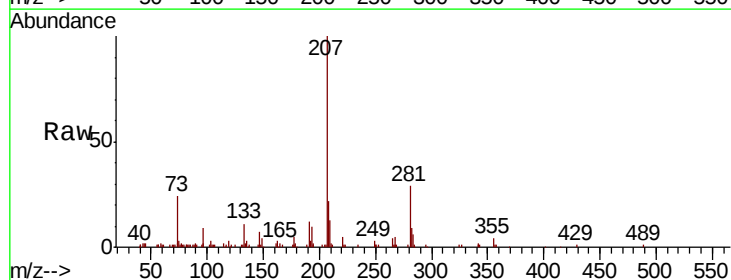
Tgt Ion: 149 Resp: 2018

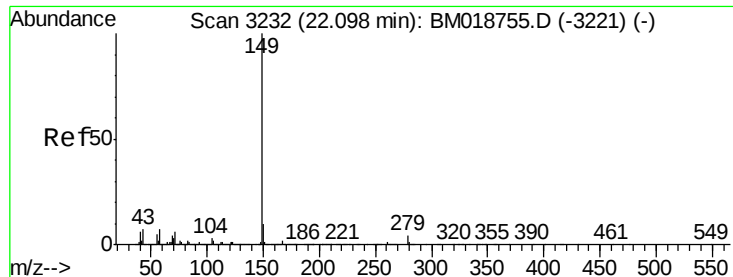
Ion Ratio Lower Upper

149 100

167 21.7 21.8 32.6#

279 14.7 3.6 5.4#

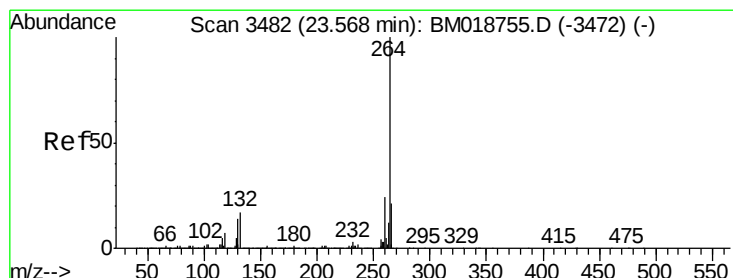
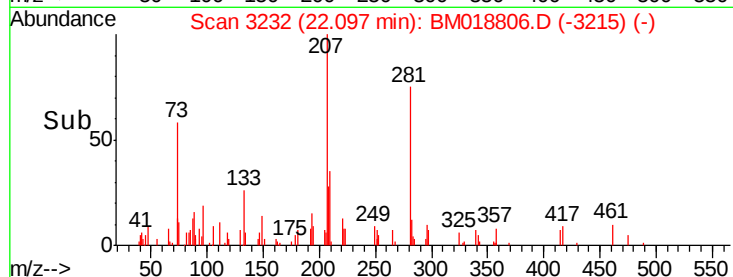
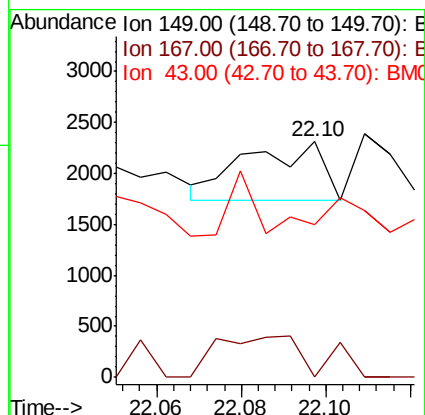
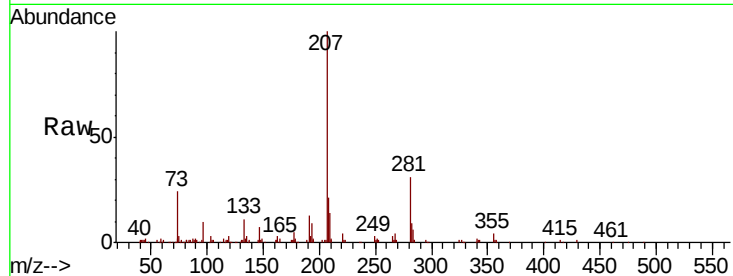




#85
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 22.10 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

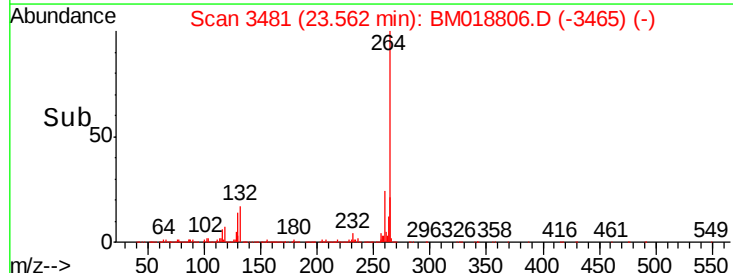
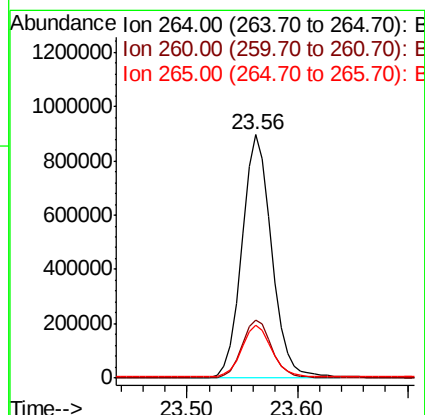
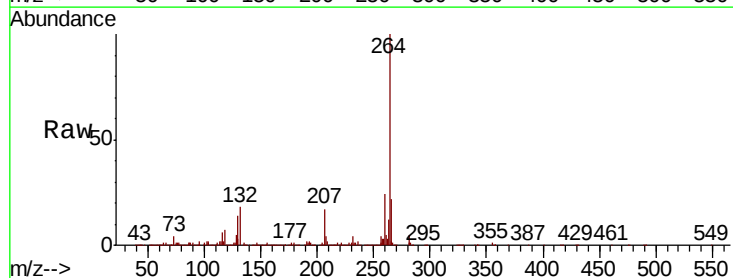
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-M

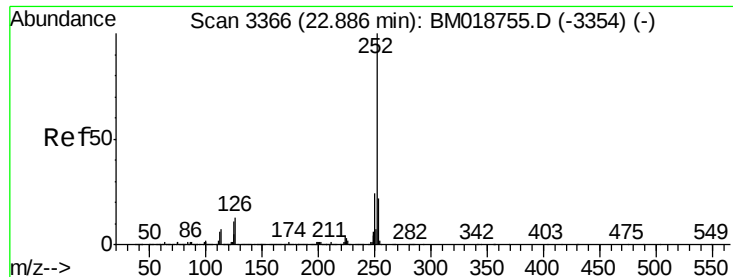
Tgt Ion:149 Resp: 714
Ion Ratio Lower Upper
149 100
167 91.5 1.3 1.9#
43 54.3 6.0 9.0#



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM018806.D
Acq: 13 Feb 2019 17:45

Tgt Ion:264 Resp: 1704606
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 21.9 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 0.007 ng

RT: 22.89 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

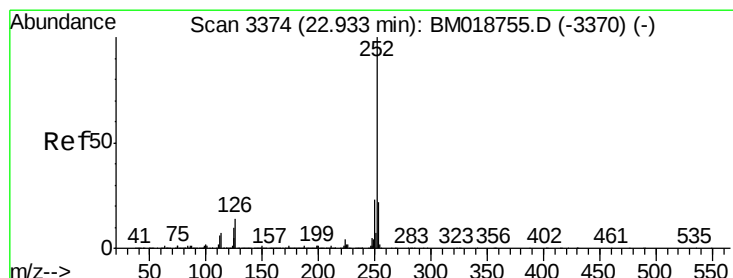
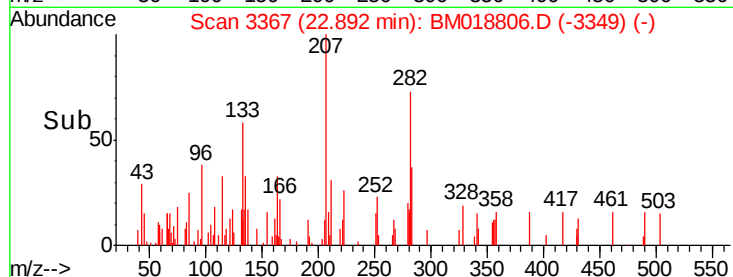
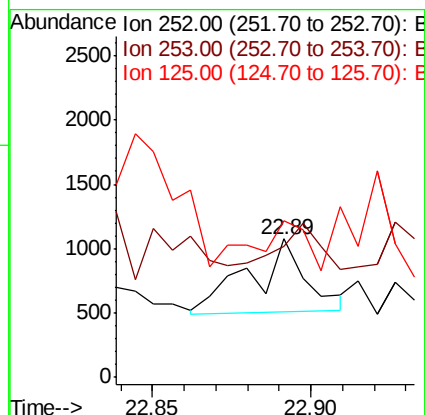
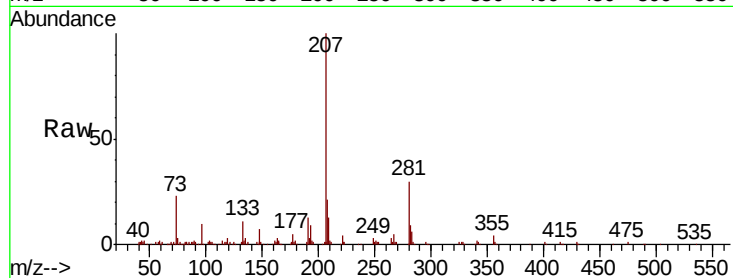
Tgt Ion:252 Resp: 696

Ion Ratio Lower Upper

252 100

253 94.7 17.8 26.6#

125 113.5 8.6 12.8#



#89

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 22.94 min Scan# 3375

Delta R.T. 0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

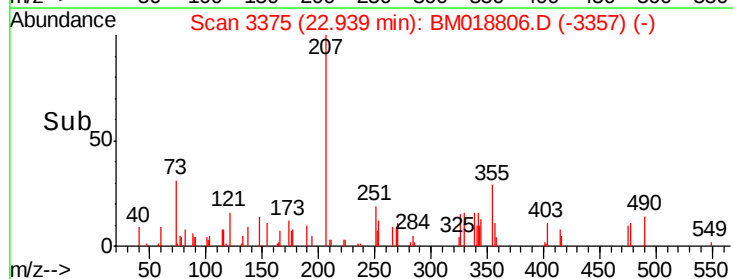
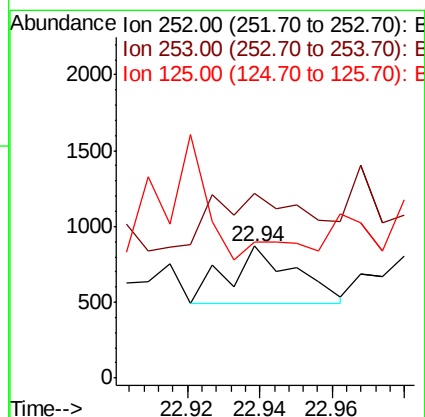
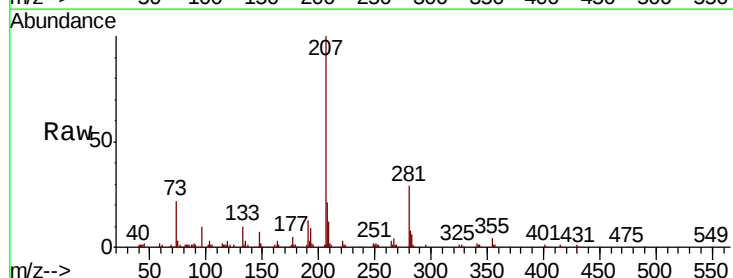
Tgt Ion:252 Resp: 495

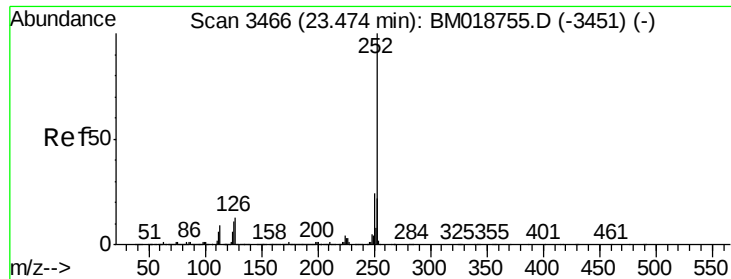
Ion Ratio Lower Upper

252 100

253 140.3 17.7 26.5#

125 103.0 8.2 12.4#





#90

Benzo(a)pyrene

Concen: 0.004 ng

RT: 23.47 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM018806.D

Acq: 13 Feb 2019 17:45

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-M

Tgt Ion: 252 Resp: 381

Ion Ratio Lower Upper

252 100

253 109.4 17.4 26.0#

125 70.5 8.6 13.0#

