

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021319\
 Data File : BM018809.D
 Acq On : 13 Feb 2019 19:34
 Operator : JU/SJ
 Sample : K1343-32
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 14 00:51:39 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	256200	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1000917	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	557009	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1334921	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1470935	20.00	ng	0.00
87) Perylene-d12	23.56	264	1355995	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2388464	152.75	ng	0.00
7) Phenol-d6	6.89	99	3113709	141.35	ng	0.00
23) Nitrobenzene-d5	8.88	82	2130574	98.42	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1233574	153.64	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4074537	97.11	ng	0.00
79) Terphenyl-d14	19.74	244	7419477	104.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	704	0.103	ng	# 73
3) Pyridine	3.66	79	381	0.021	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	162	0.034	ng	# 1
8) 2-Chlorophenol	7.28	128	339	0.020	ng	# 1
9) Benzaldehyde	6.89	77	7169	Below Cal		# 7
10) Phenol	6.92	94	251	0.011	ng	# 1
15) Benzyl Alcohol	8.03	79	31153	1.780	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	8.23	45	419	0.024	ng	# 54
18) Hexachloroethane	8.80	117	317	0.044	ng	# 1
22) Acetophenone	8.55	105	1635	0.059	ng	# 66
24) Nitrobenzene	8.93	77	284	0.013	ng	# 44
25) Isophorone	9.47	82	774	0.022	ng	# 68
31) Naphthalene	10.56	128	3298	0.068	ng	# 74
37) 2-Methylnaphthalene	12.18	142	1898	0.055	ng	# 77
38) 1-Methylnaphthalene	12.39	142	1391	0.041	ng	# 93
46) 1,1'-Biphenyl	13.19	154	6756	0.141	ng	# 96
52) Acenaphthene	14.42	154	301	0.009	ng	# 65
55) Dibenzofuran	14.77	168	239	0.004	ng	# 44
58) Fluorene	15.42	166	496	0.012	ng	# 87
60) Diethylphthalate	15.19	149	1515	0.032	ng	# 56
63) Azobenzene	15.70	77	543	0.011	ng	# 57
71) Phenanthrene	17.16	178	2497	0.035	ng	# 68
72) Anthracene	17.24	178	237	0.003	ng	# 61
74) Di-n-butylphthalate	18.08	149	2971	0.035	ng	# 78
75) Fluoranthene	19.18	202	972	0.012	ng	# 64
78) Pyrene	19.54	202	555	0.006	ng	# 43
80) Butylbenzylphthalate	20.44	149	1855	0.048	ng	# 95
81) Benzo(a)anthracene	21.30	228	3873	0.045	ng	# 64
82) 3,3'-Dichlorobenzidine	21.23	252	561	0.017	ng	# 6
83) Chrysene	21.34	228	816	0.010	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.22	149	2485	0.044	ng	# 87
85) Di-n-octyl phthalate	22.09	149	402	0.004	ng	# 1
88) Benzo(b)fluoranthene	22.89	252	639	0.008	ng	# 1
89) Benzo(k)fluoranthene	22.92	252	201	0.003	ng	# 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

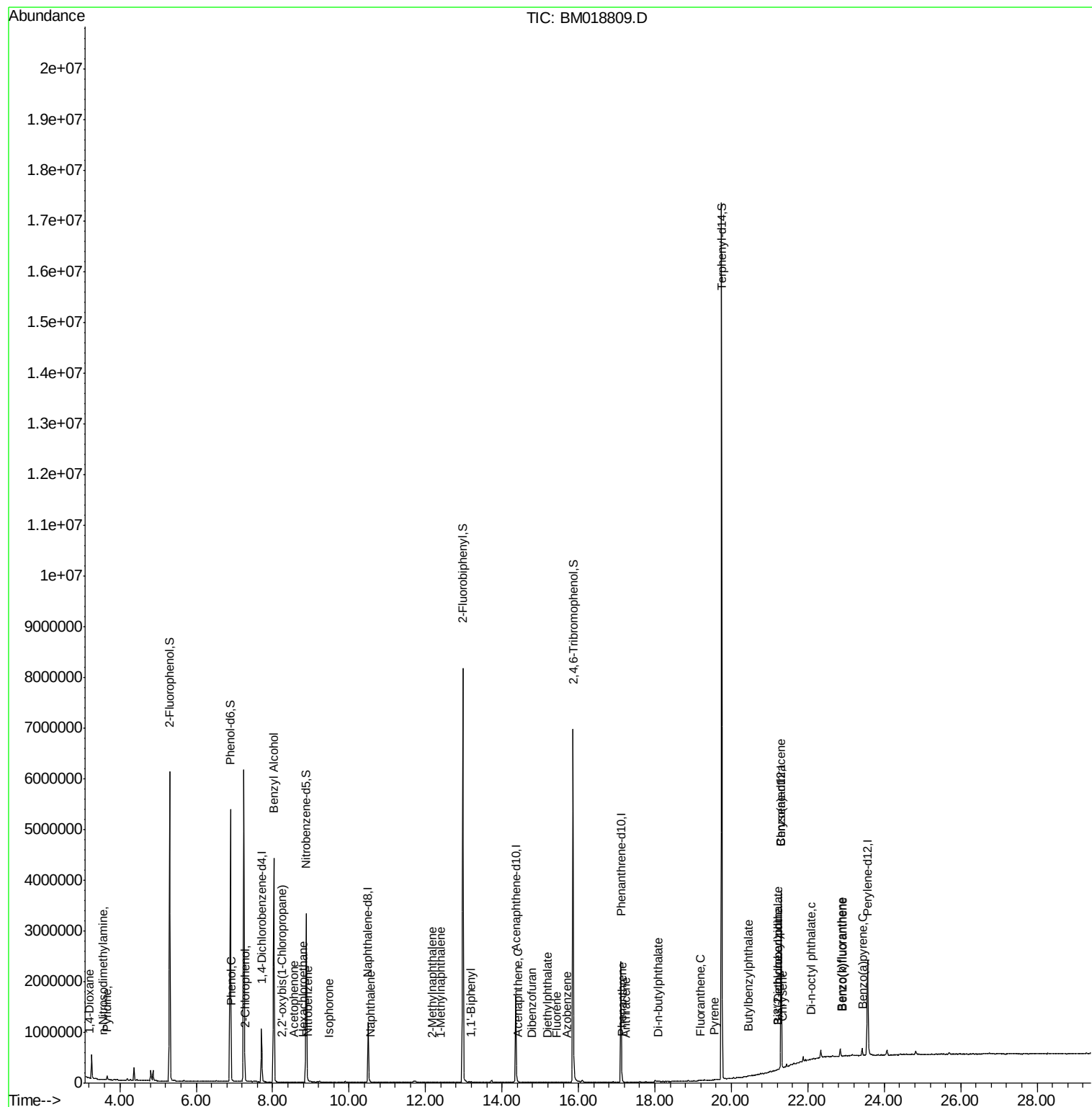
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	23.44	252	513	0.007	ng #	1

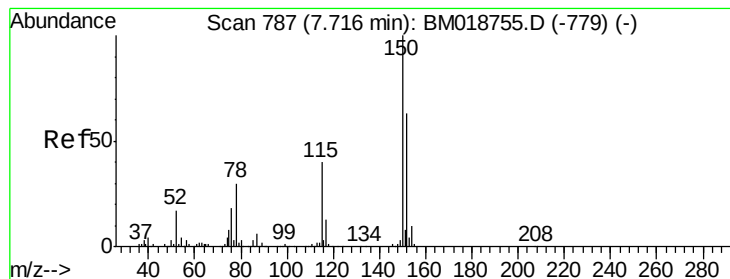
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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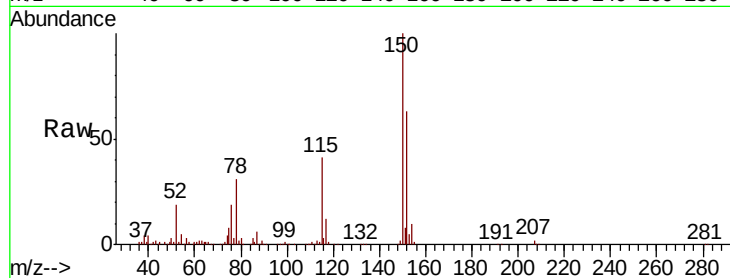




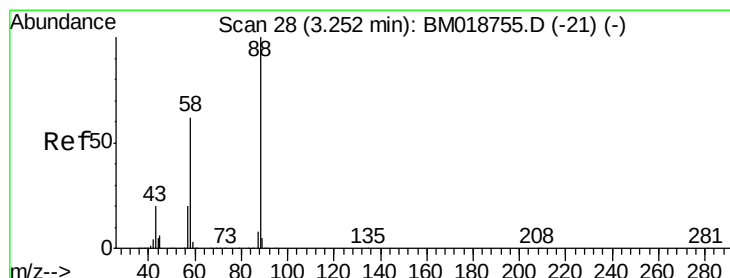
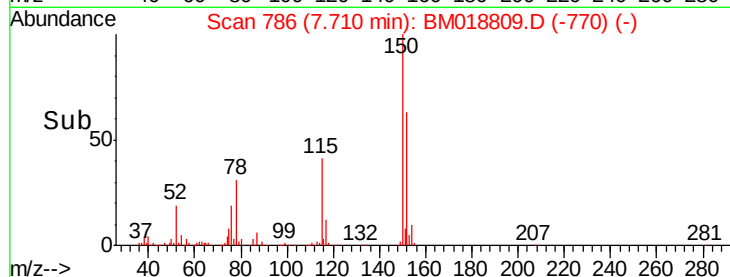
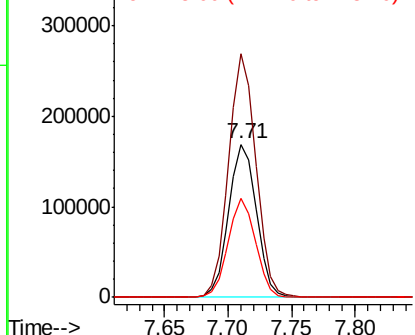
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BM018809.D
 Acq: 13 Feb 2019 19:34

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

Tgt Ion:152 Resp: 256200
 Ion Ratio Lower Upper
 152 100
 150 158.8 127.3 190.9
 115 64.6 50.8 76.2

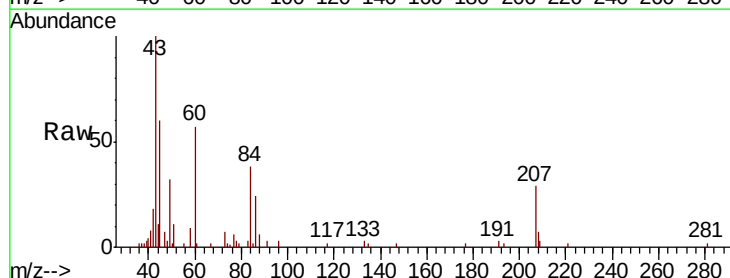


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

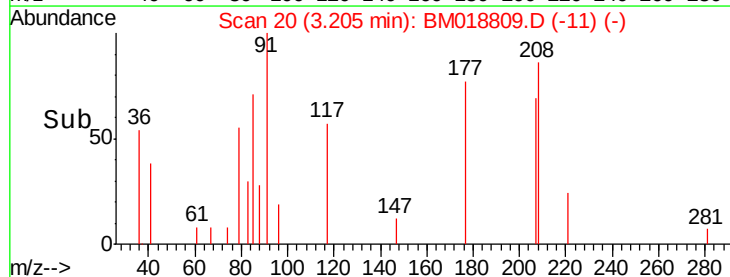
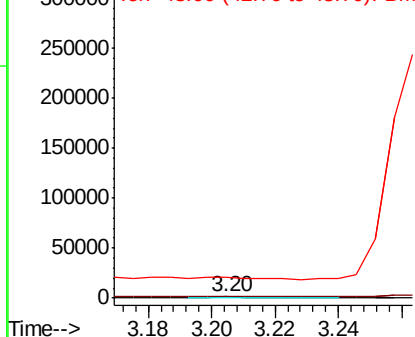


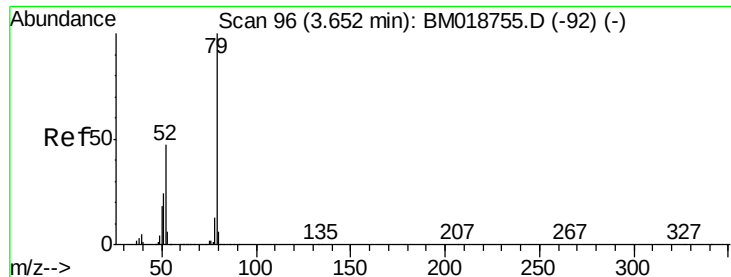
#2
 1,4-Dioxane
 Concen: 0.103 ng
 RT: 3.20 min Scan# 20
 Delta R.T. -0.05 min
 Lab File: BM018809.D
 Acq: 13 Feb 2019 19:34

Tgt Ion: 88 Resp: 704
 Ion Ratio Lower Upper
 88 100
 58 78.3 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: 0.021 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

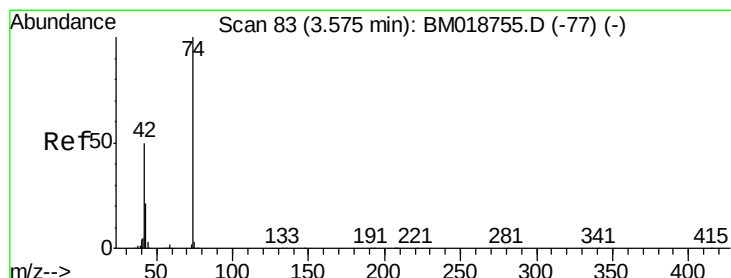
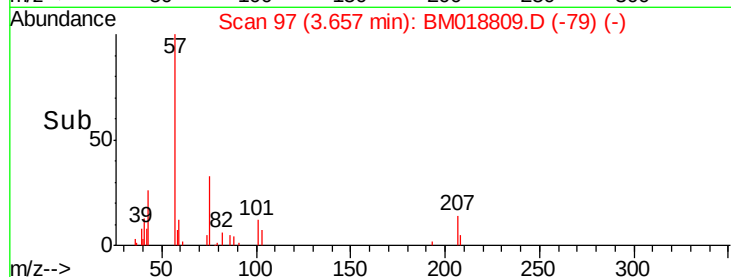
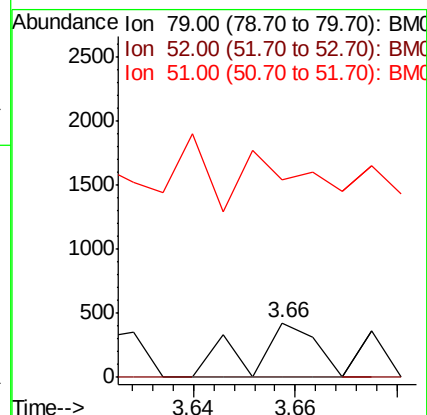
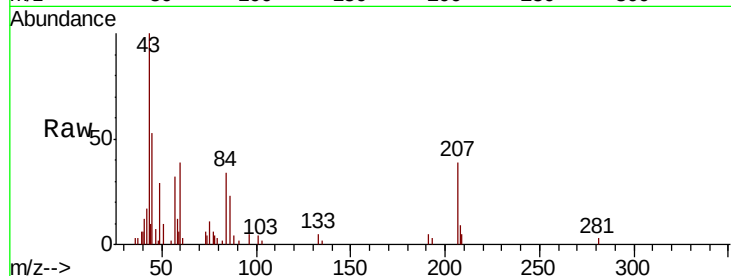
Tgt Ion: 79 Resp: 381

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

51 360.9 19.7 29.5#



#4

n-Nitrosodimethylamine

Concen: 0.034 ng

RT: 3.56 min Scan# 81

Delta R.T. -0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

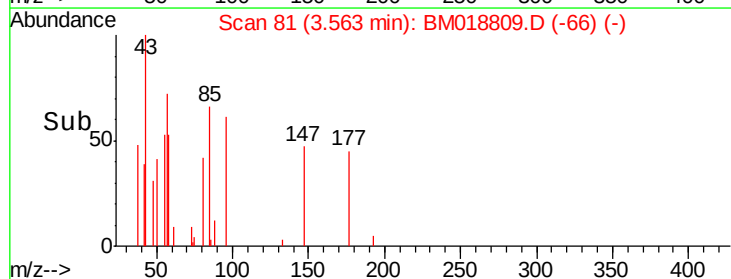
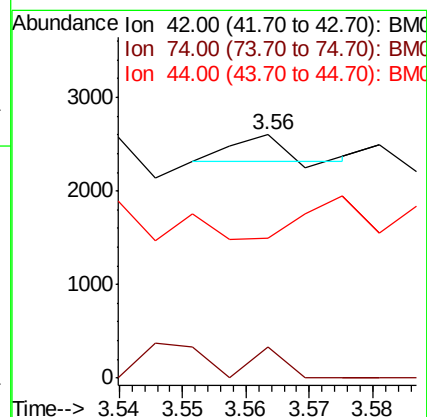
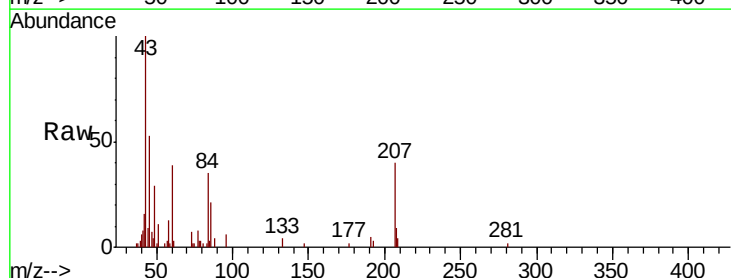
Tgt Ion: 42 Resp: 162

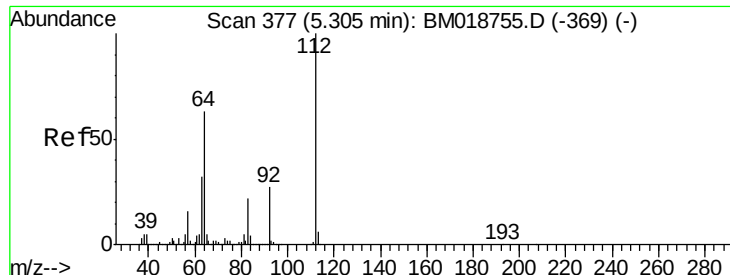
Ion Ratio Lower Upper

42 100

74 13.0 158.1 237.1#

44 57.6 4.9 7.3#





#5

2-Fluorophenol

Concen: 152.749 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

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ClientSampleId :

JC-02-021119-P

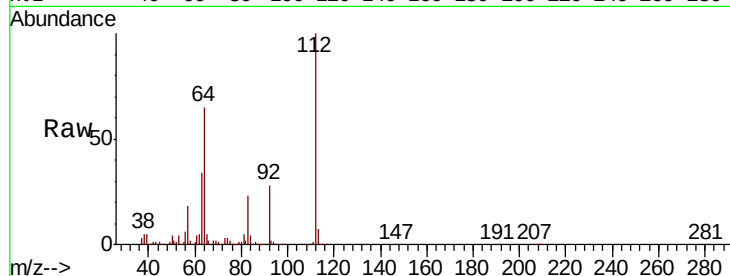
Tgt Ion: 112 Resp: 2388464

Ion Ratio Lower Upper

112 100

64 65.3 50.6 75.8

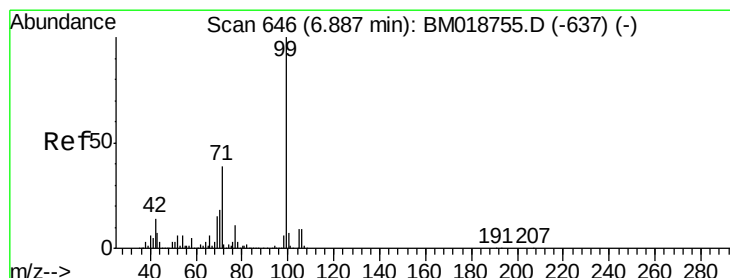
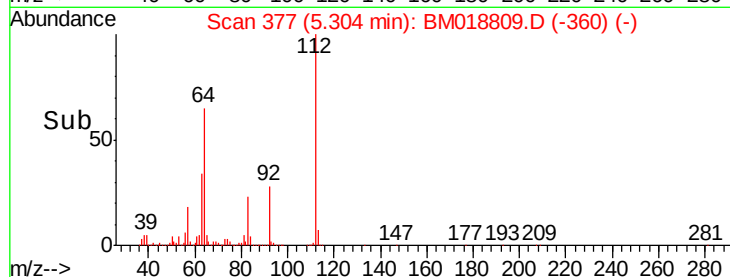
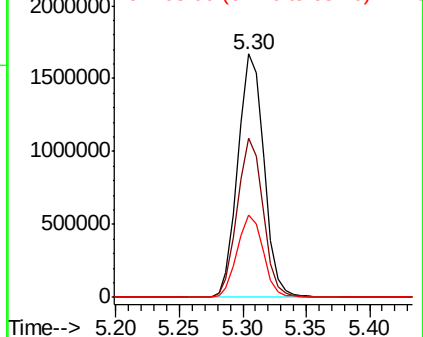
63 34.0 25.7 38.5



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: 141.352 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

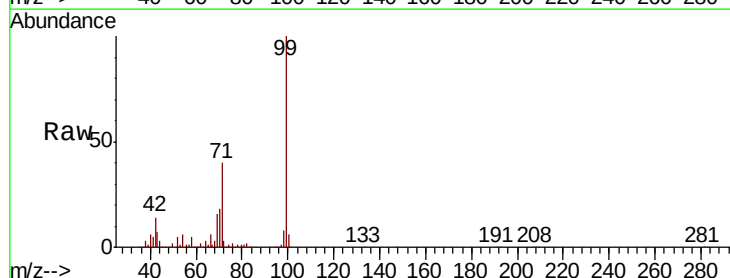
Tgt Ion: 99 Resp: 3113709

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

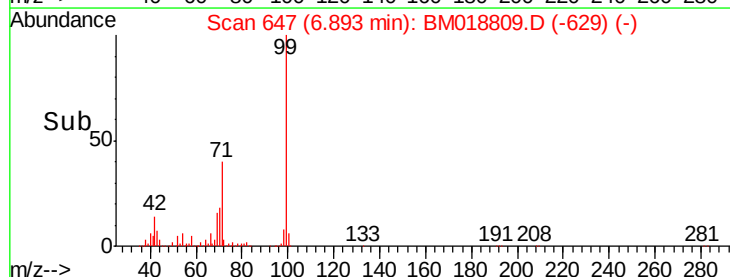
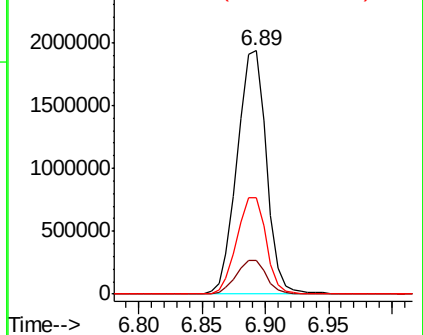
71 39.7 31.3 46.9

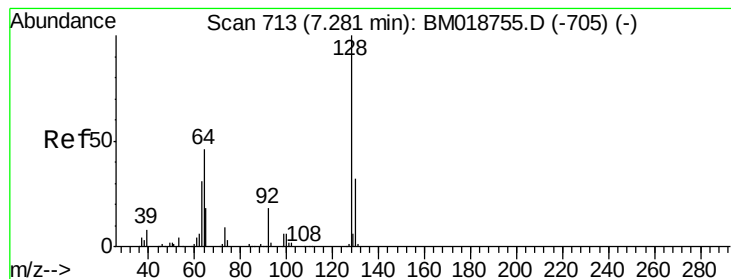


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.020 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

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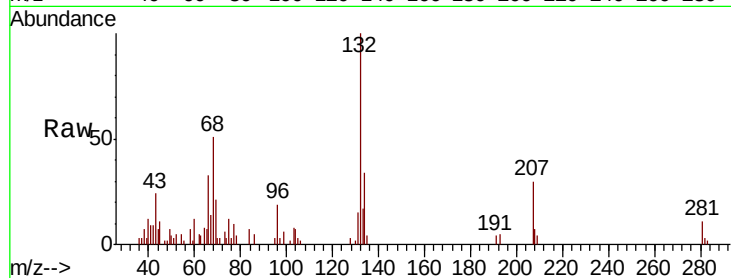
Tgt Ion:128 Resp: 339

Ion Ratio Lower Upper

128 100

130 67.3 11.7 51.7#

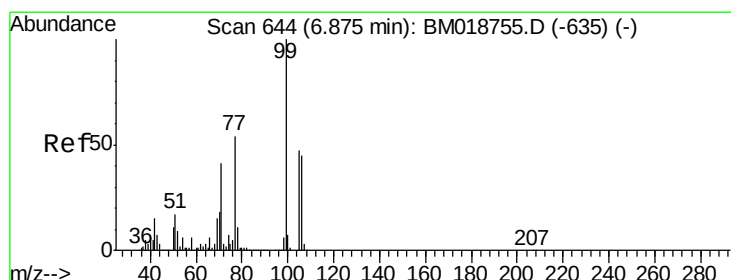
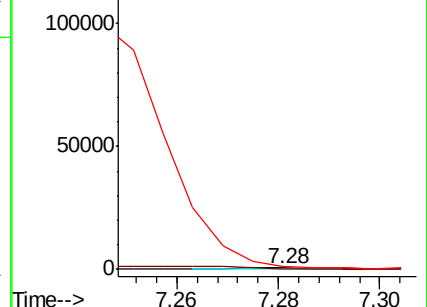
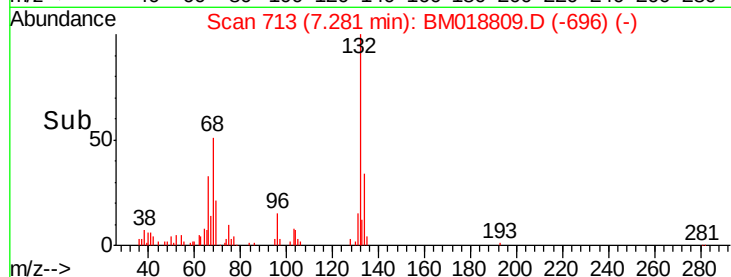
64 234.0 31.0 71.0#



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: BM018809.D

Acq: 13 Feb 2019 19:34

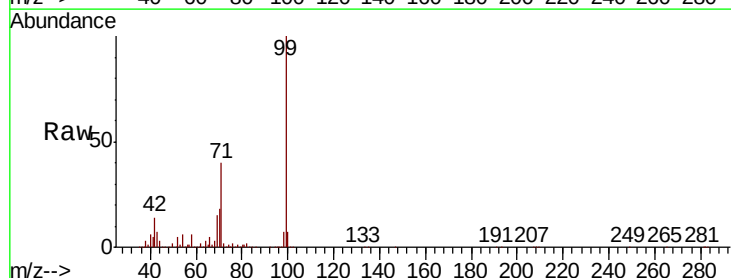
Tgt Ion: 77 Resp: 7169

Ion Ratio Lower Upper

77 100

105 0.0 67.3 107.3#

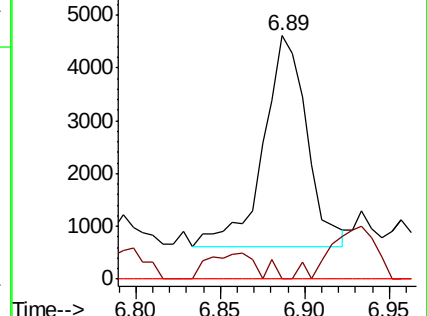
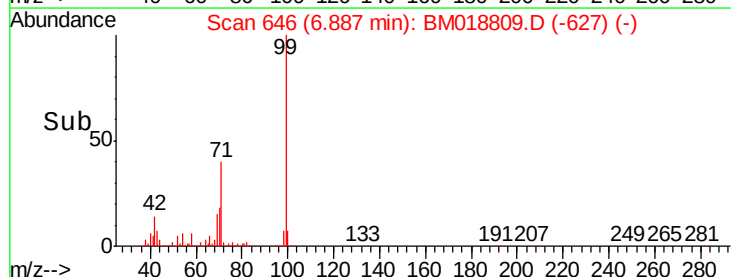
106 0.0 62.9 102.9#

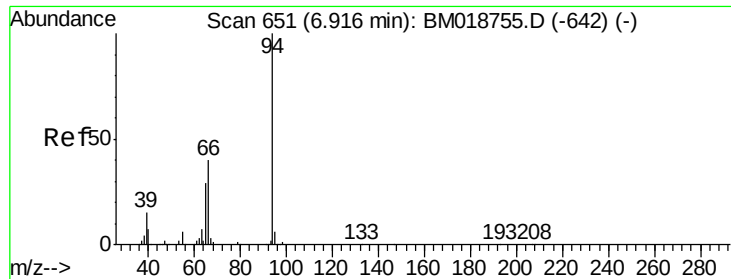


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.011 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

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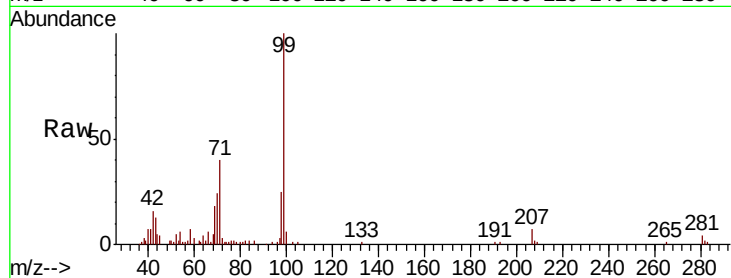
Tgt Ion: 94 Resp: 251

Ion Ratio Lower Upper

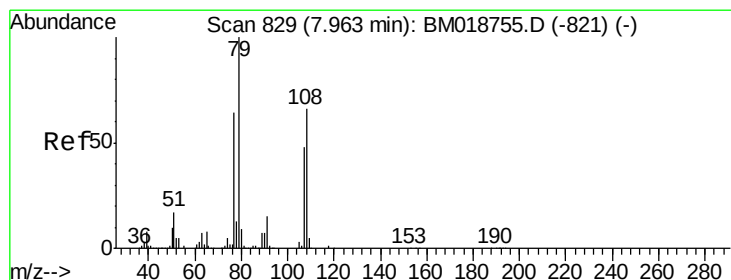
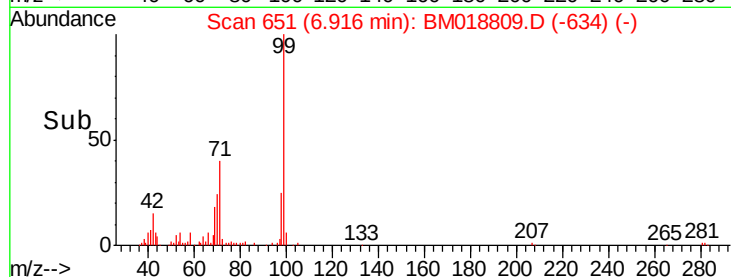
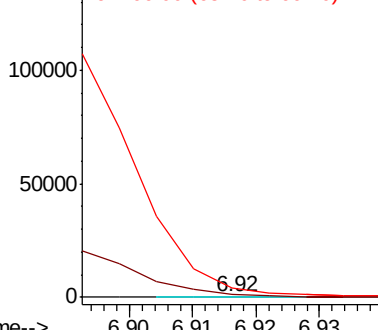
94 100

65 315.2 9.6 49.6#

66 1178.2 20.4 60.4#



Abundance Ion 94.00 (93.70 to 94.70): BMC
Ion 65.00 (64.70 to 65.70): BMC
Ion 66.00 (65.70 to 66.70): BMC



#15

Benzyl Alcohol

Concen: 1.780 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.06 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

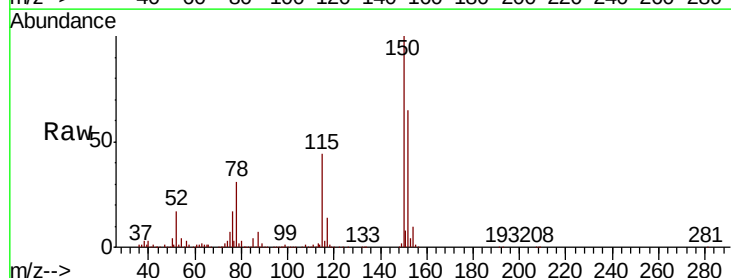
Tgt Ion: 79 Resp: 31153

Ion Ratio Lower Upper

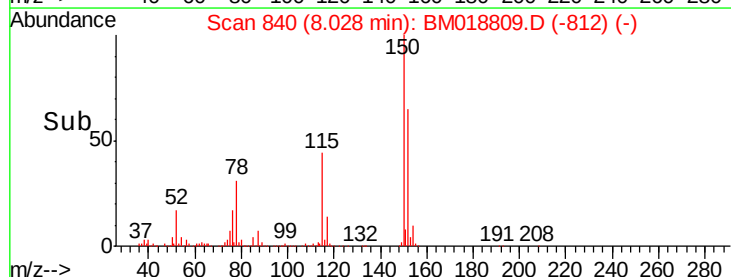
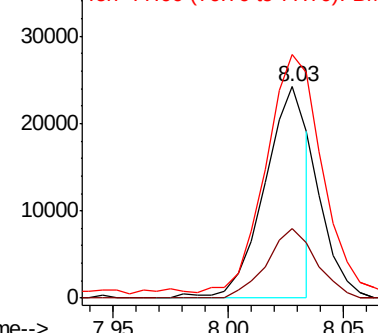
79 100

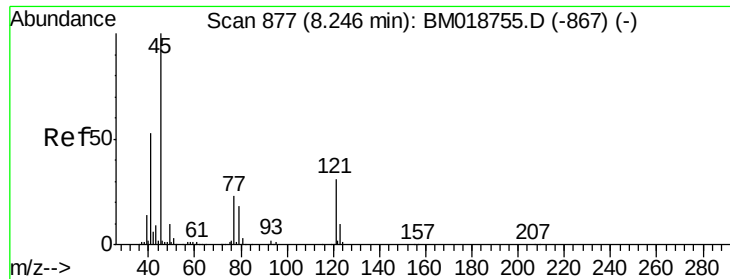
108 32.7 52.7 79.1#

77 115.2 51.0 76.4#



Abundance Ion 79.00 (78.70 to 79.70): BMC
Ion 108.00 (107.70 to 108.70): BMC
Ion 77.00 (76.70 to 77.70): BMC

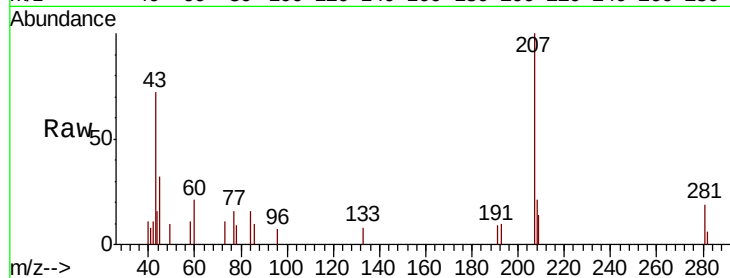




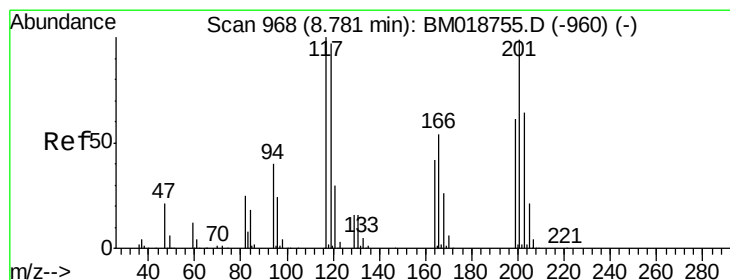
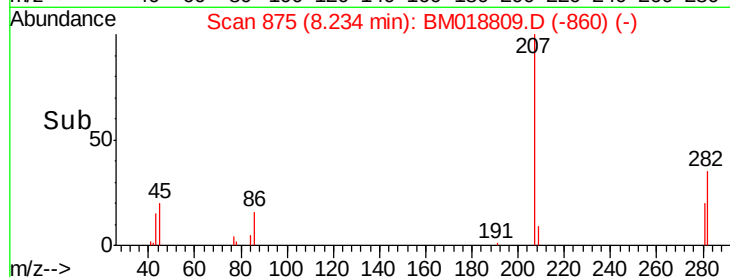
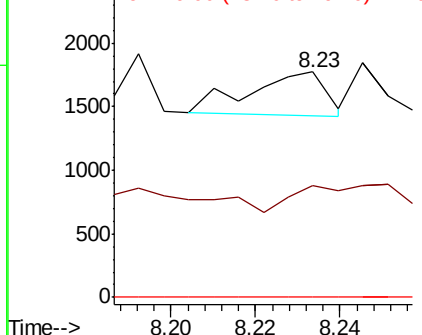
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.024 ng
 RT: 8.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BM018809.D
 Acq: 13 Feb 2019 19:34

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

Tgt Ion: 45 Resp: 419
 Ion Ratio Lower Upper
 45 100
 77 49.4 5.0 45.0#
 79 0.0 0.0 39.3

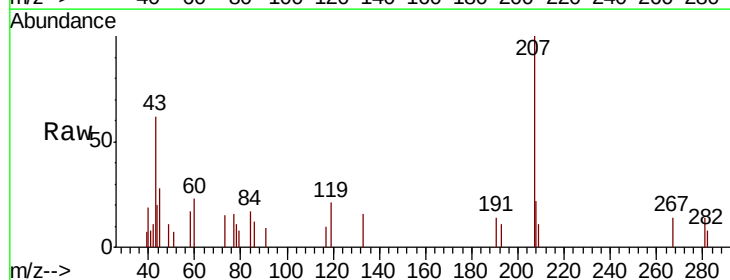


Abundance Ion 45.00 (44.70 to 45.70): BM0
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

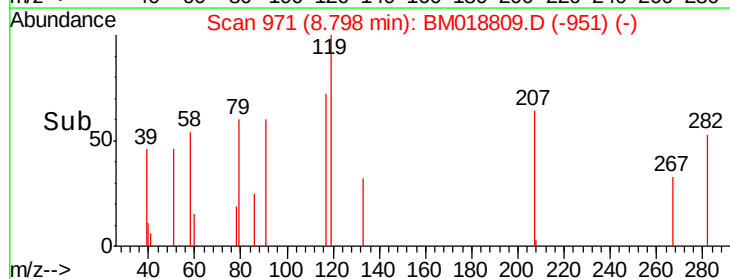
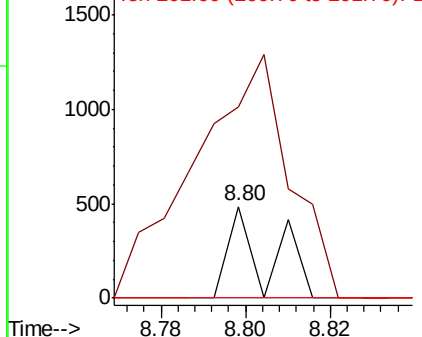


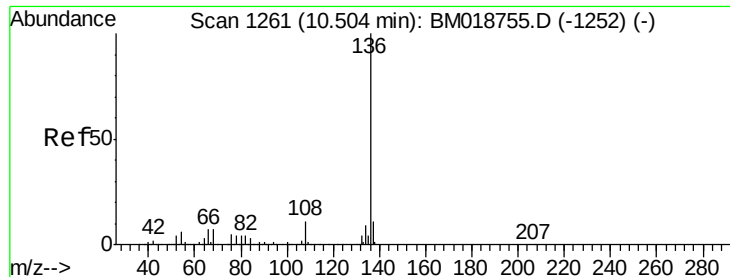
#18
 Hexachloroethane
 Concen: 0.044 ng
 RT: 8.80 min Scan# 971
 Delta R.T. 0.02 min
 Lab File: BM018809.D
 Acq: 13 Feb 2019 19:34

Tgt Ion: 117 Resp: 317
 Ion Ratio Lower Upper
 117 100
 119 208.7 77.9 116.9#
 201 0.0 79.2 118.8#



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

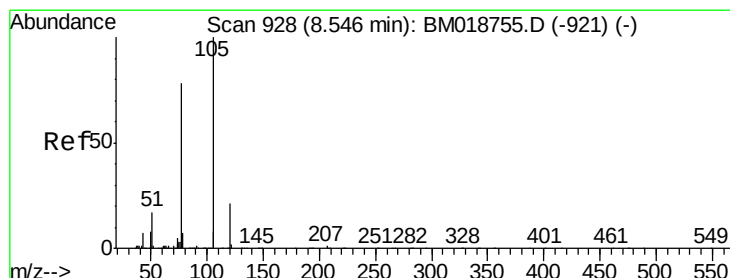
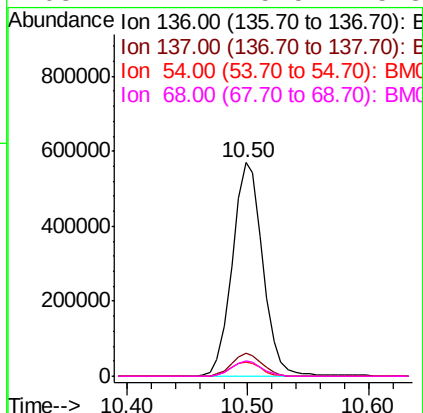
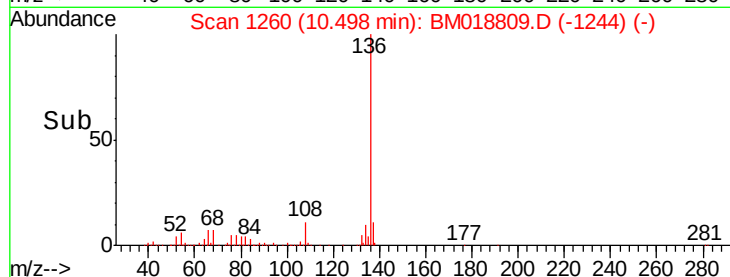
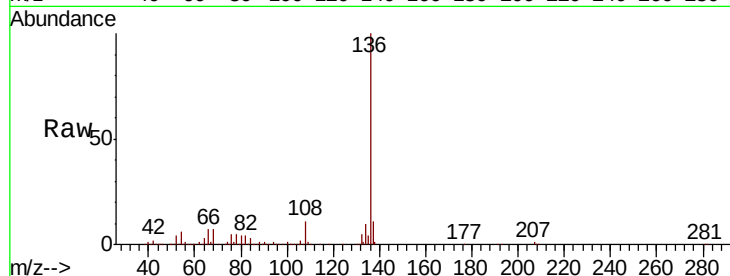




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

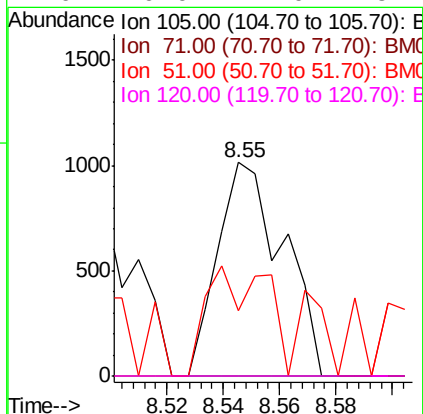
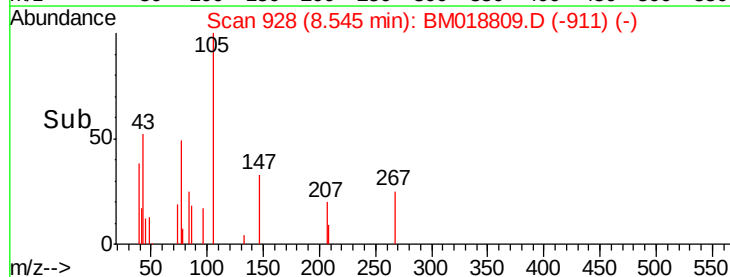
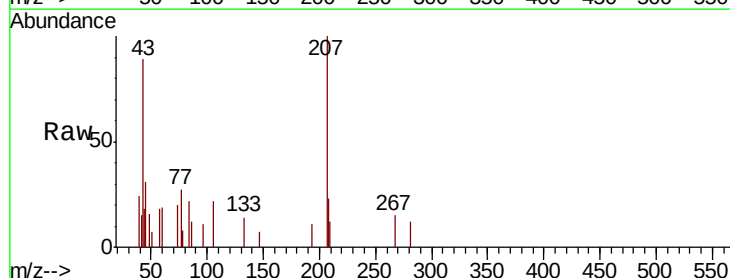
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-P

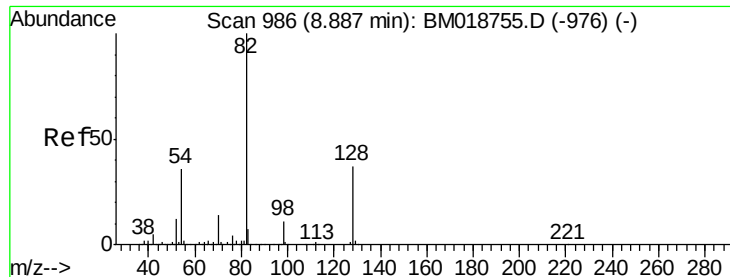
Tgt Ion:136 Resp: 1000917
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.0 7.6
68 7.2 5.5 8.3



#22
Acetophenone
Concen: 0.059 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

Tgt Ion:105 Resp: 1635
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 30.5 15.5 23.3#
120 0.0 17.0 25.4#

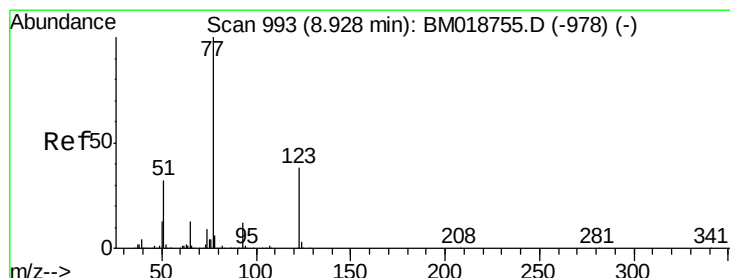
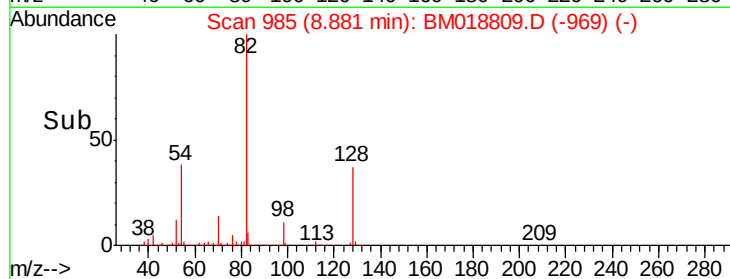
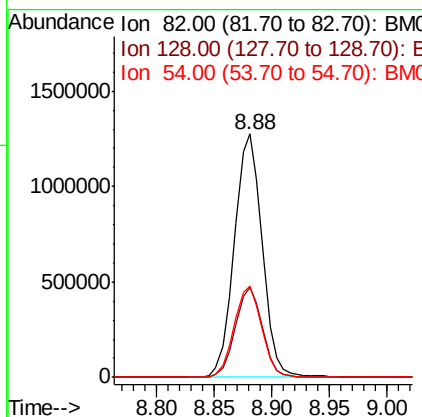
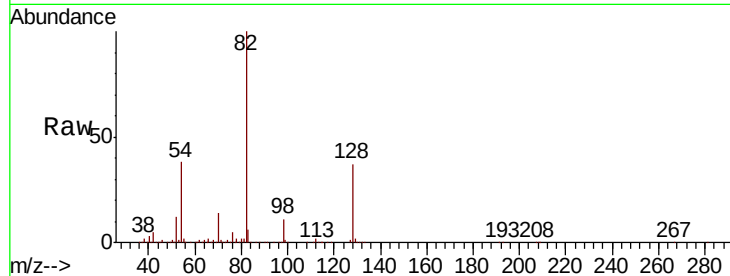




#23
Nitrobenzene-d5
Concen: 98.425 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

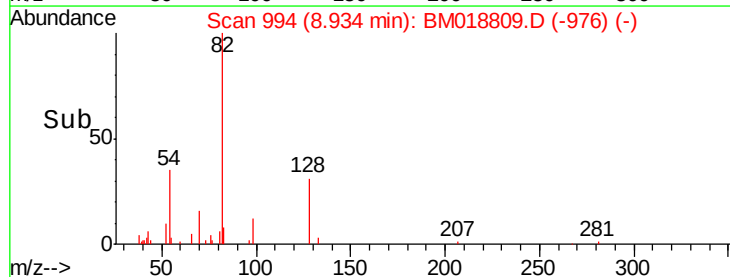
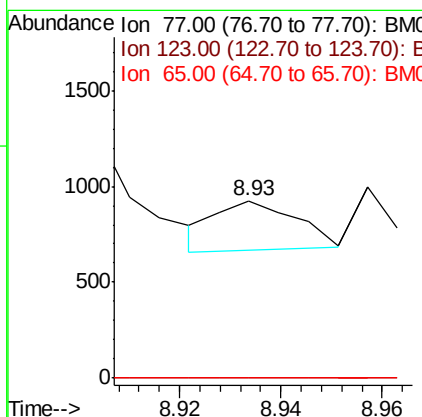
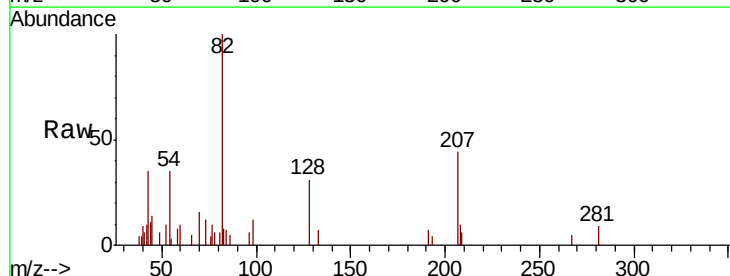
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-P

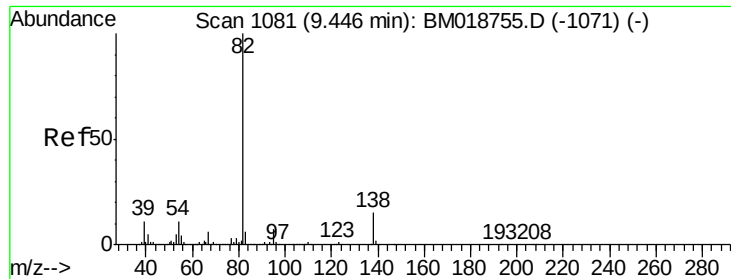
Tgt Ion: 82 Resp: 2130574
Ion Ratio Lower Upper
82 100
128 36.9 29.9 44.9
54 37.6 29.1 43.7



#24
Nitrobenzene
Concen: 0.013 ng
RT: 8.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

Tgt Ion: 77 Resp: 284
Ion Ratio Lower Upper
77 100
123 0.0 30.7 46.1#
65 0.0 10.5 15.7#





#25

Isophorone

Concen: 0.022 ng

RT: 9.47 min Scan# 1085

Delta R.T. 0.02 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

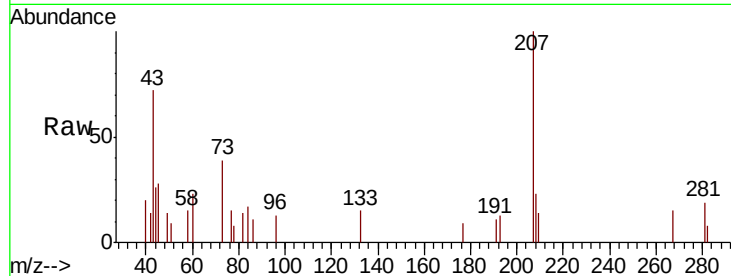
Tgt Ion: 82 Resp: 774

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 12.3 18.5#

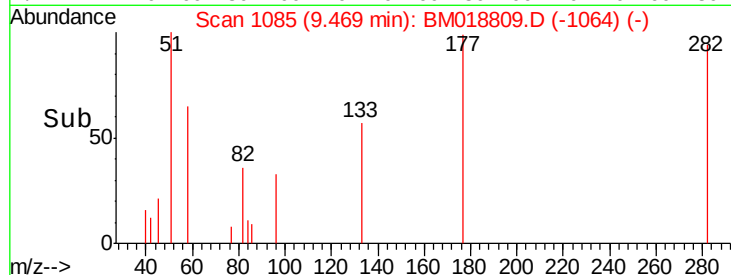


Abundance Ion 82.00 (81.70 to 82.70): BM018809.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018809.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018809.D (-1064) (-)

Time-->



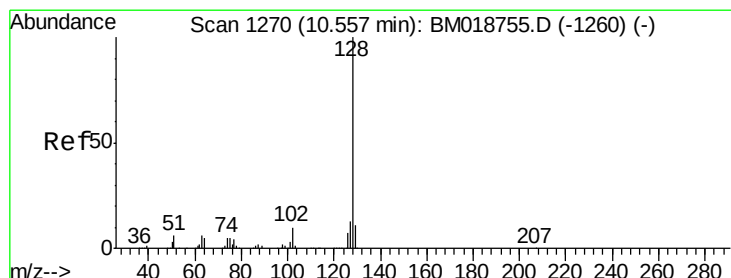
Abundance

Ion 82.00 (81.70 to 82.70): BM018809.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018809.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018809.D (-1064) (-)

Time-->



#31

Naphthalene

Concen: 0.068 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

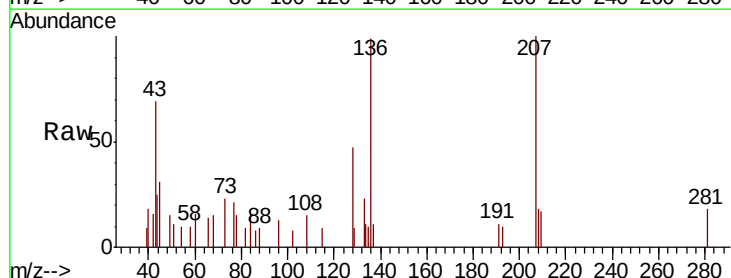
Tgt Ion: 128 Resp: 3298

Ion Ratio Lower Upper

128 100

129 18.0 9.0 13.4#

127 0.0 10.7 16.1#

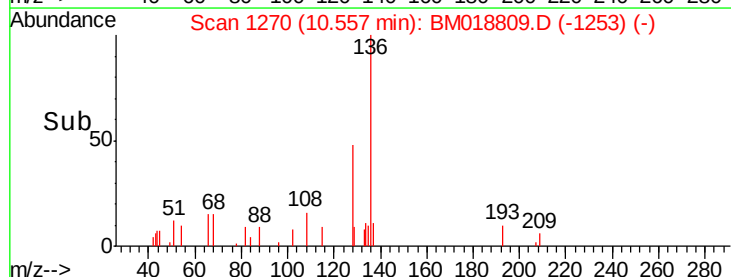


Abundance Ion 128.00 (127.70 to 128.70): BM018809.D (-1253) (-)

Ion 129.00 (128.70 to 129.70): BM018809.D (-1253) (-)

Ion 127.00 (126.70 to 127.70): BM018809.D (-1253) (-)

Time-->



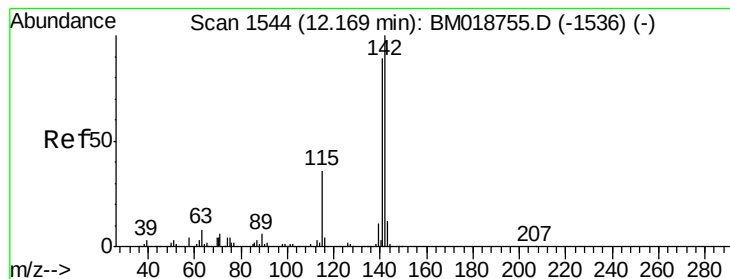
Abundance

Ion 128.00 (127.70 to 128.70): BM018809.D (-1253) (-)

Ion 129.00 (128.70 to 129.70): BM018809.D (-1253) (-)

Ion 127.00 (126.70 to 127.70): BM018809.D (-1253) (-)

Time-->



#37

2-Methylnaphthalene

Concen: 0.055 ng

RT: 12.18 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

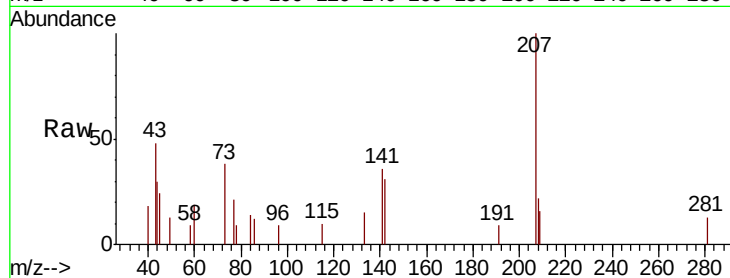
Tgt Ion:142 Resp: 1898

Ion Ratio Lower Upper

142 100

141 117.1 71.2 106.8#

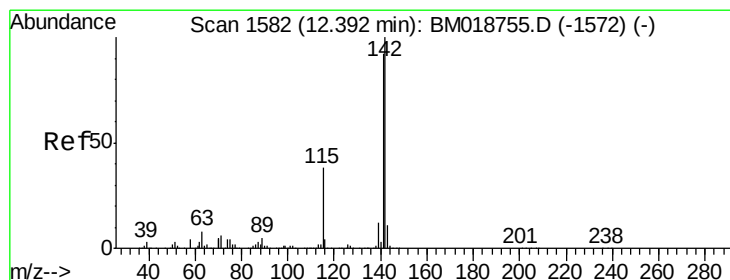
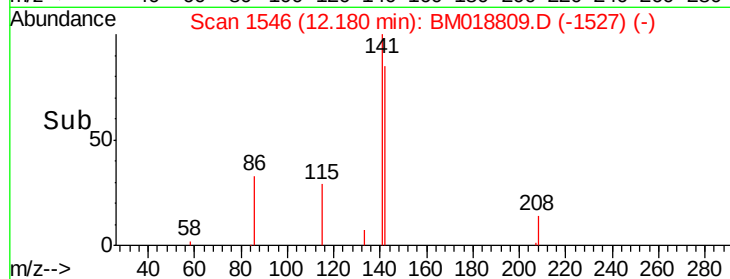
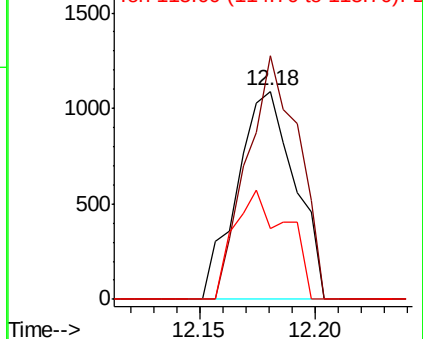
115 33.9 29.1 43.7



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: 0.041 ng

RT: 12.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

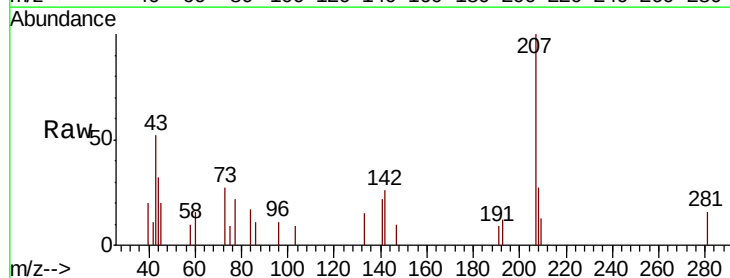
Tgt Ion:142 Resp: 1391

Ion Ratio Lower Upper

142 100

141 85.4 73.9 110.9

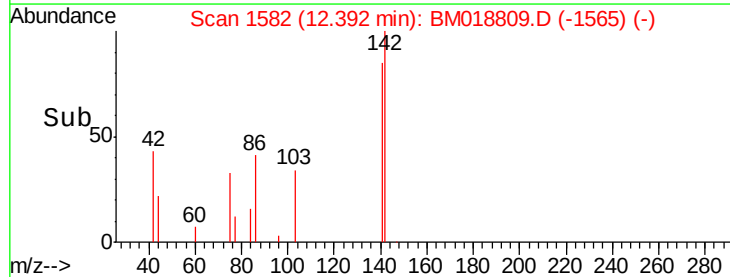
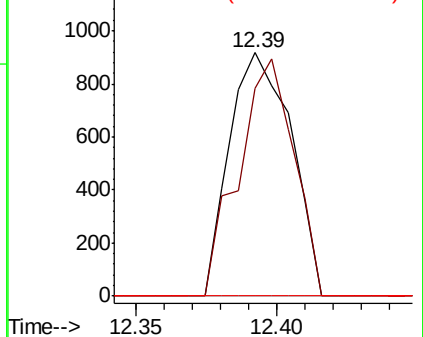
116 0.0 3.0 4.4#

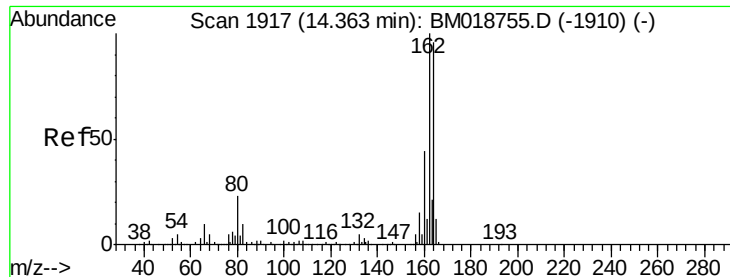


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

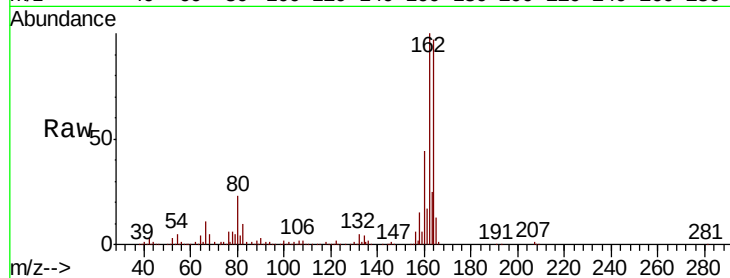
Tgt Ion:164 Resp: 557009

Ion Ratio Lower Upper

164 100

162 103.1 83.4 125.0

160 45.4 36.6 55.0

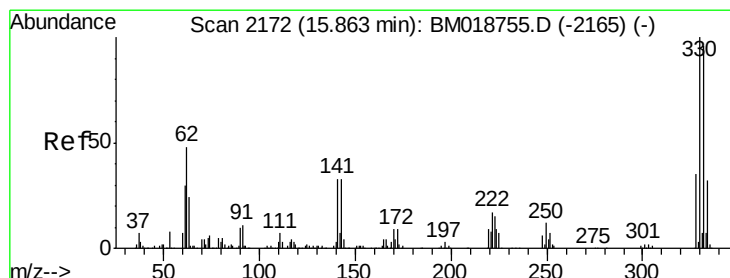
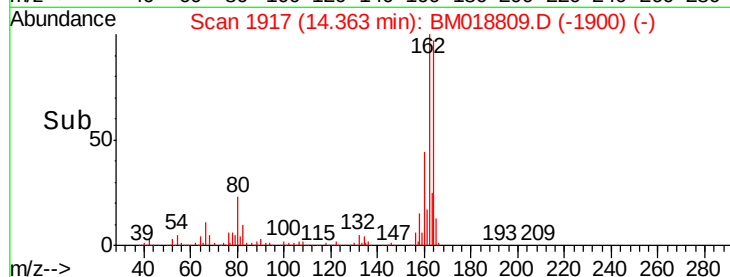
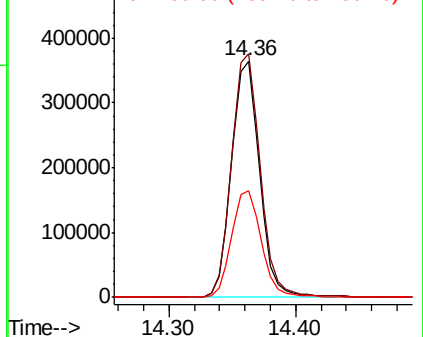


Abundance

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: 153.637 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

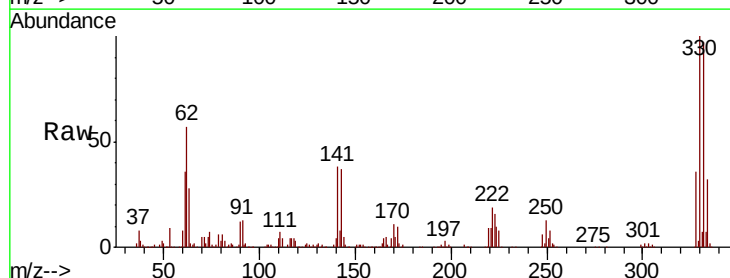
Tgt Ion:330 Resp: 1233574

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

141 37.8 28.7 43.1

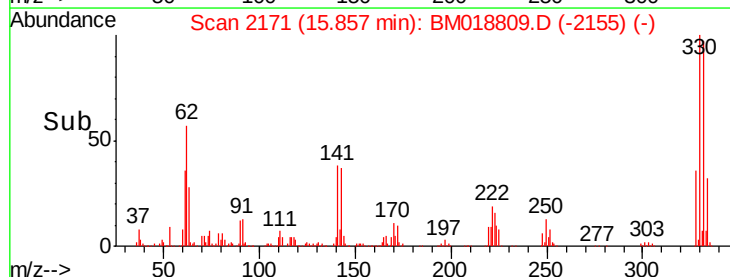
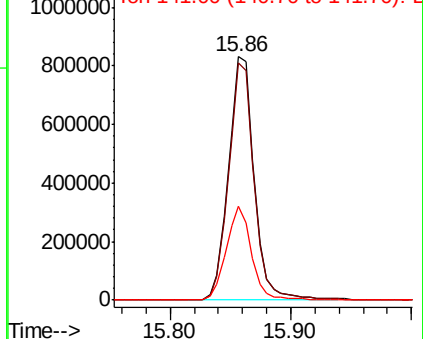


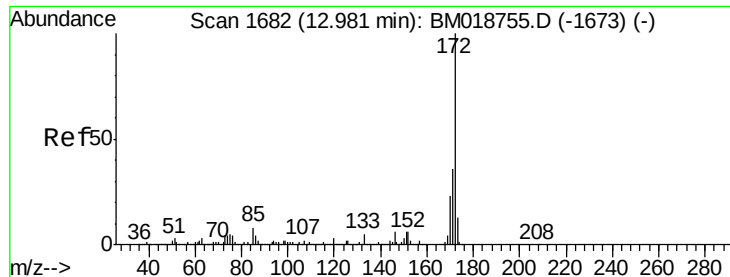
Abundance

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

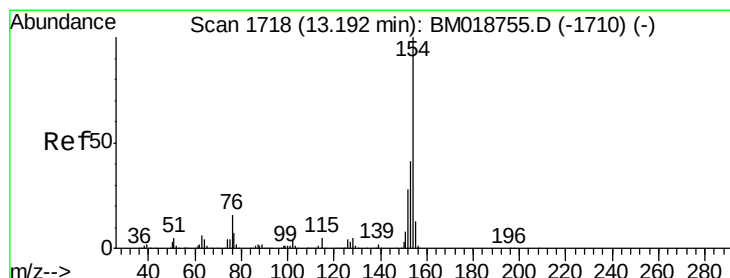
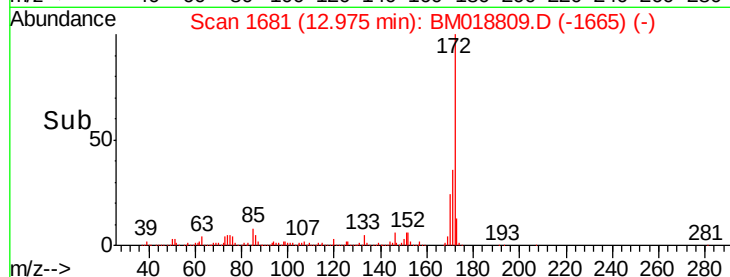
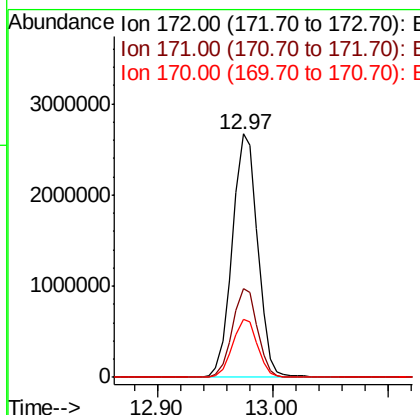
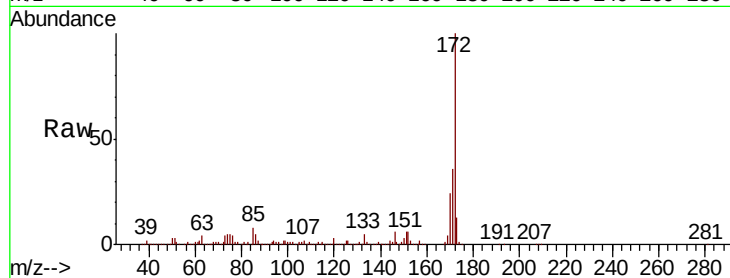




#45
2-Fluorobiphenyl
Concen: 97.105 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

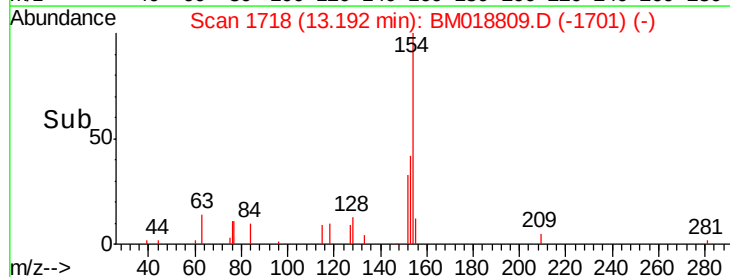
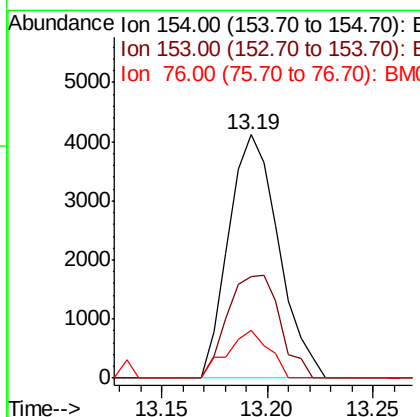
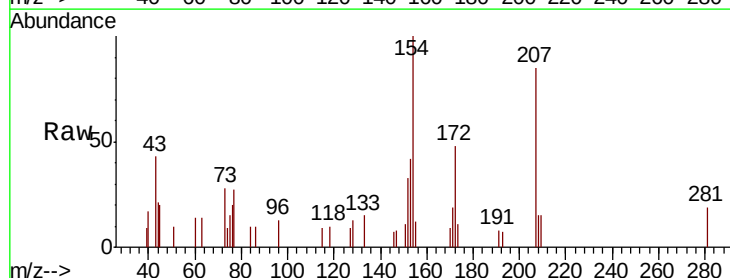
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-P

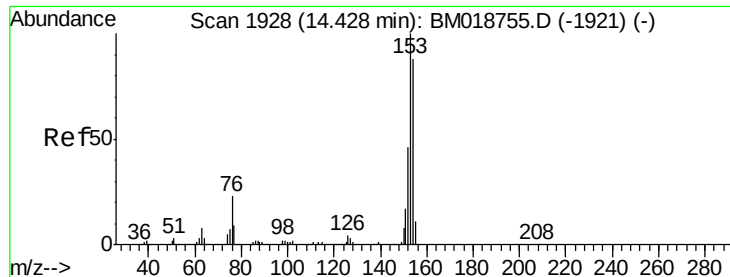
Tgt Ion:172 Resp: 4074537
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.141 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

Tgt Ion:154 Resp: 6756
Ion Ratio Lower Upper
154 100
153 41.8 21.1 61.1
76 19.8 0.0 35.7





#52

Acenaphthene

Concen: 0.009 ng

RT: 14.42 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

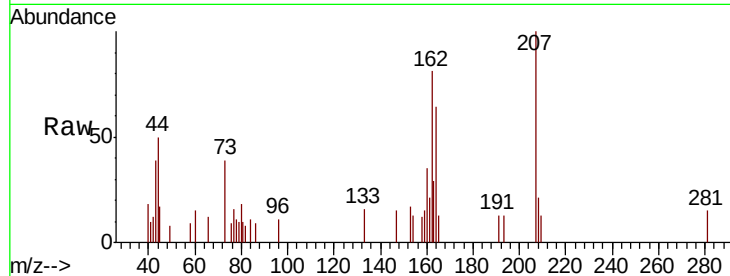
Tgt Ion:154 Resp: 301

Ion Ratio Lower Upper

154 100

153 131.6 91.3 136.9

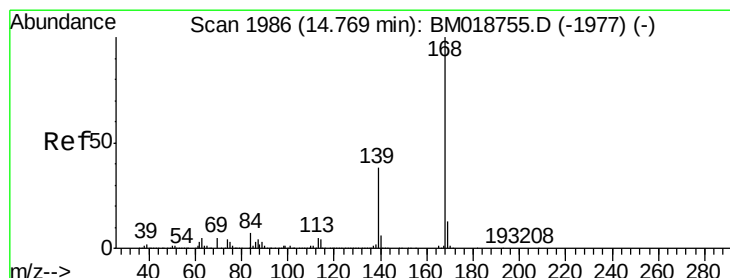
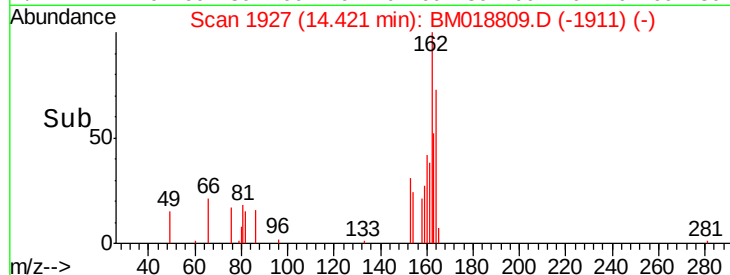
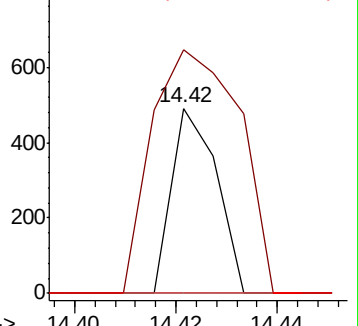
152 0.0 42.2 63.4#



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: 0.004 ng

RT: 14.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

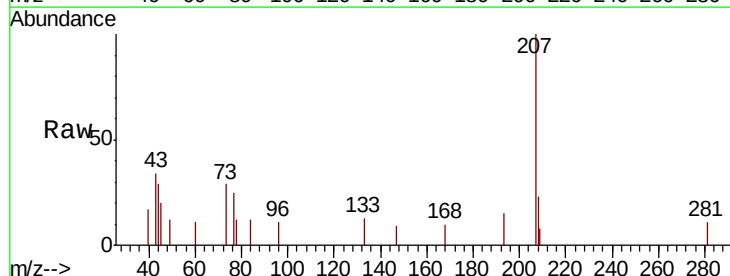
Tgt Ion:168 Resp: 239

Ion Ratio Lower Upper

168 100

139 0.0 30.7 46.1#

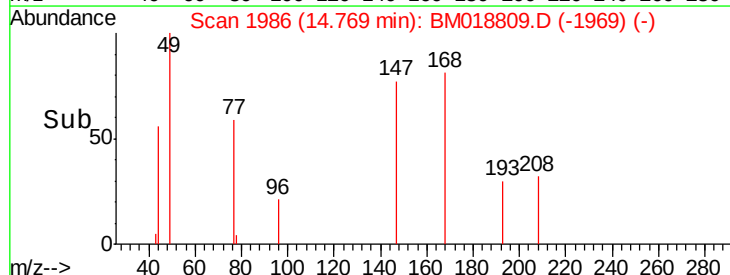
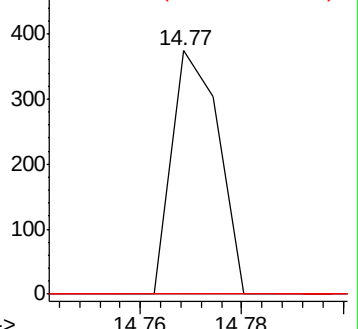
169 0.0 10.3 15.5#

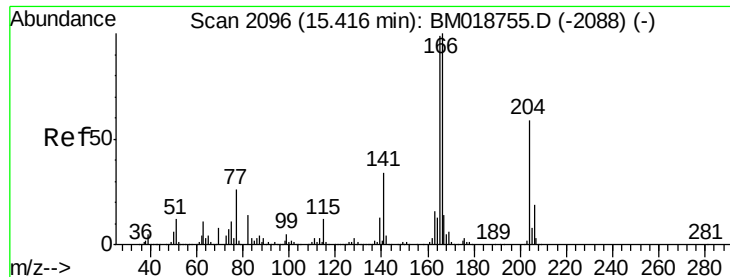


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 0.012 ng

RT: 15.42 min Scan# 2097

Delta R.T. 0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

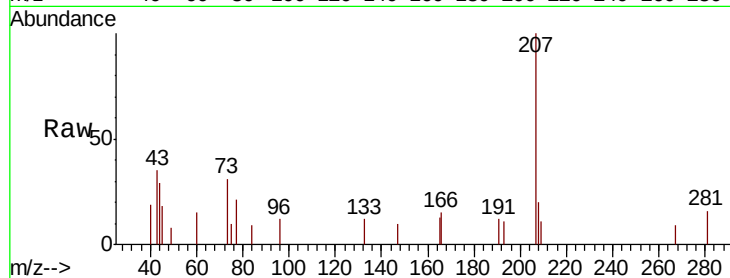
Tgt Ion:166 Resp: 496

Ion Ratio Lower Upper

166 100

165 89.4 79.1 118.7

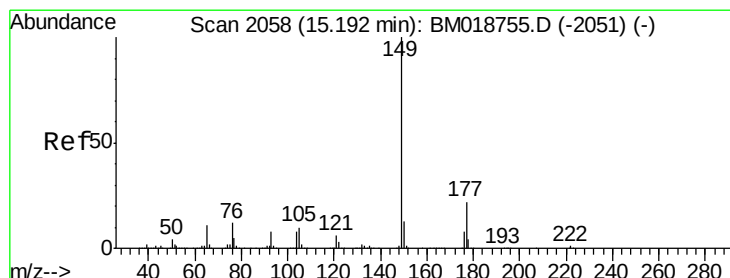
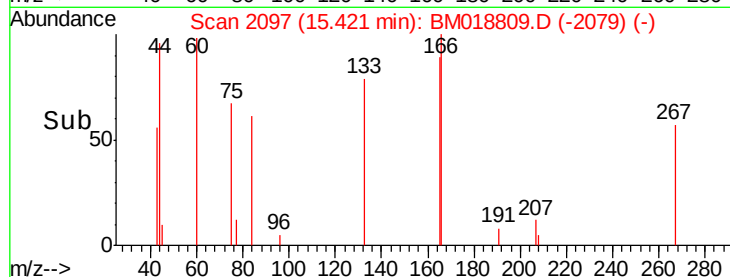
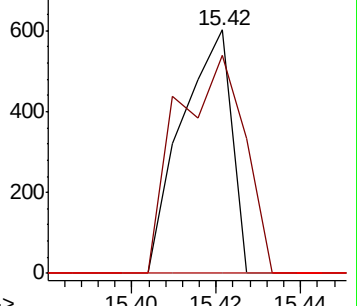
167 0.0 11.0 16.4#



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: 0.032 ng

RT: 15.19 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

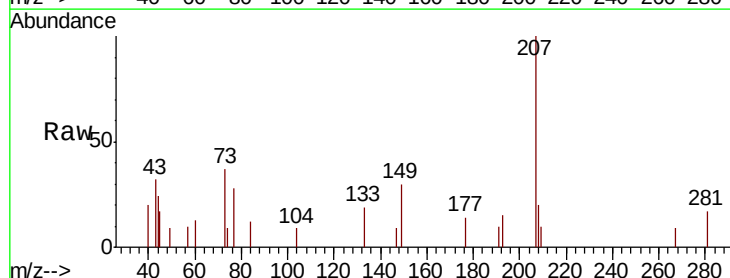
Tgt Ion:149 Resp: 1515

Ion Ratio Lower Upper

149 100

177 45.5 17.2 25.8#

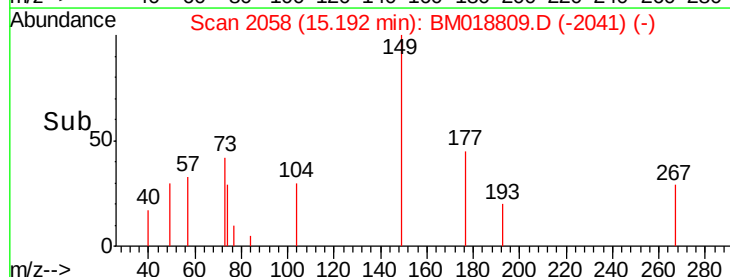
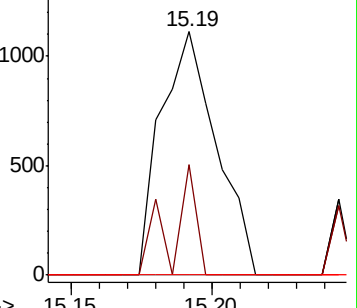
150 0.0 10.2 15.2#

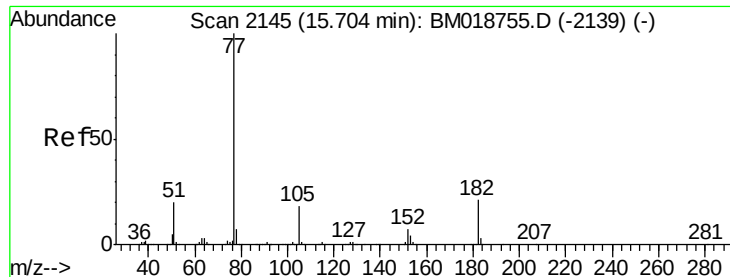


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

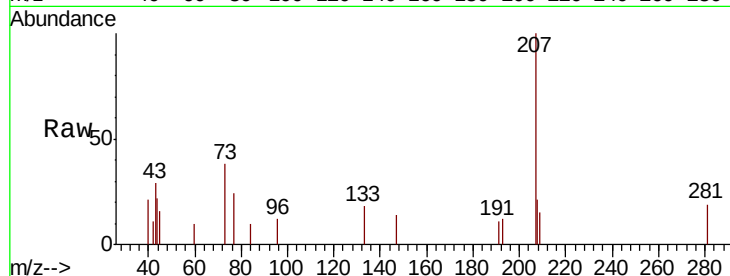




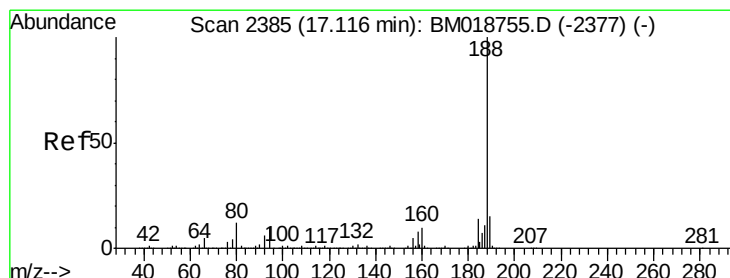
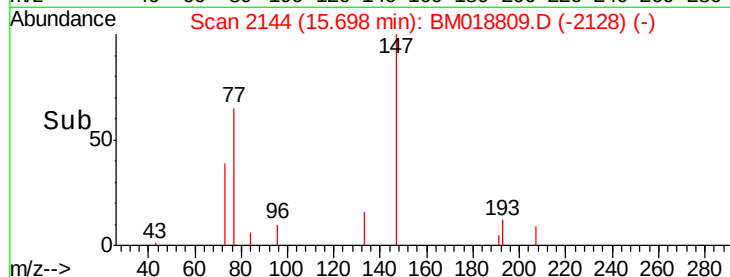
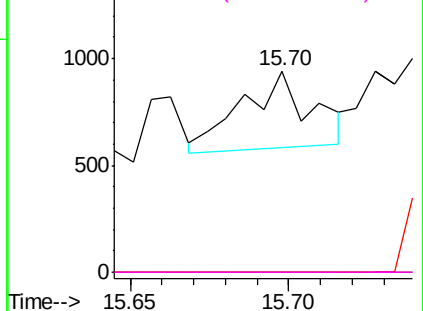
#63
Azobenzene
Concen: 0.011 ng
RT: 15.70 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

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

Tgt Ion: 77 Resp: 543
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#

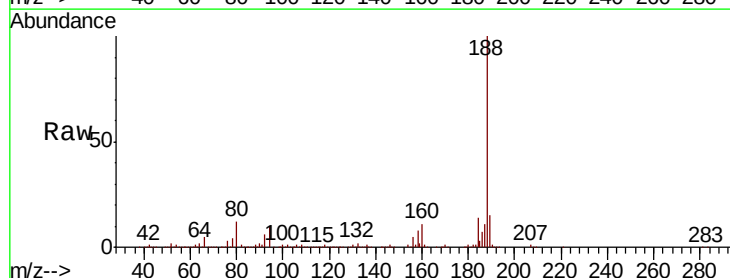


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

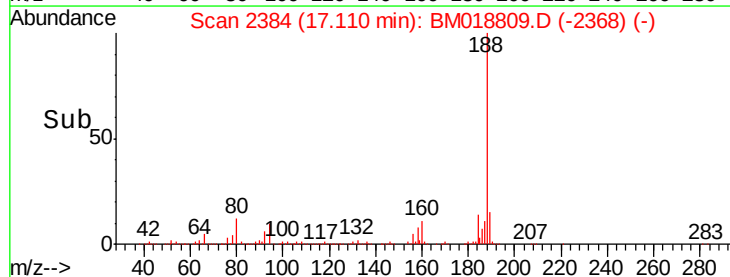
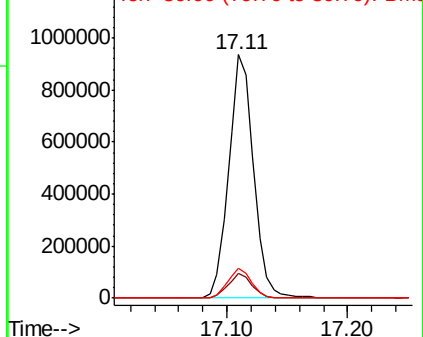


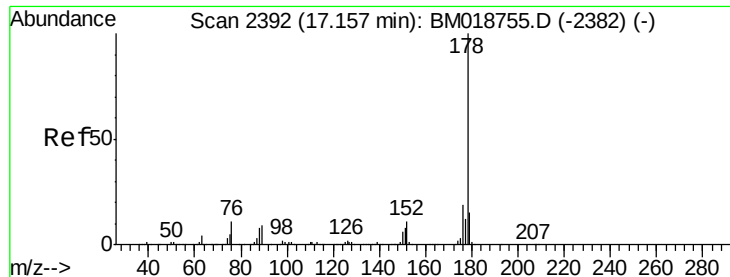
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

Tgt Ion: 188 Resp: 1334921
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 12.2 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: 0.035 ng

RT: 17.16 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

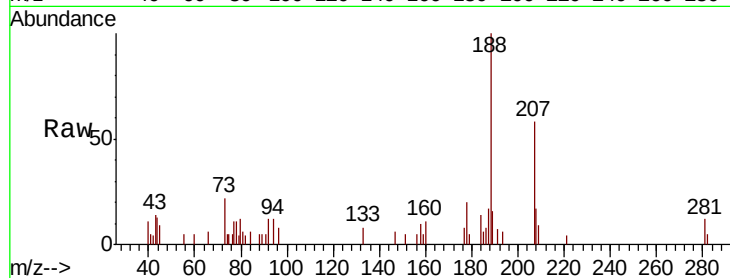
Tgt Ion:178 Resp: 2497

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

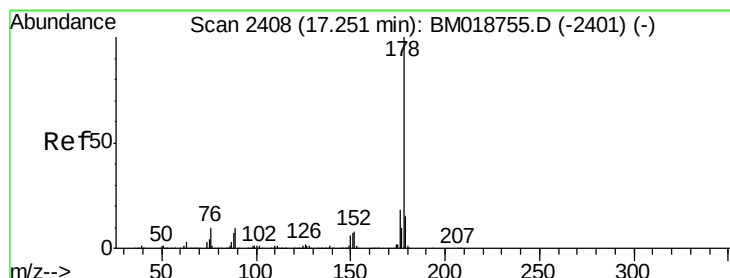
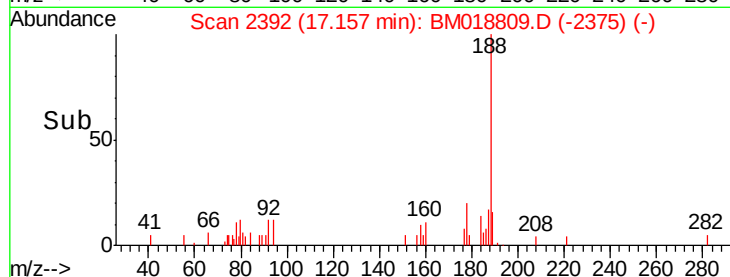
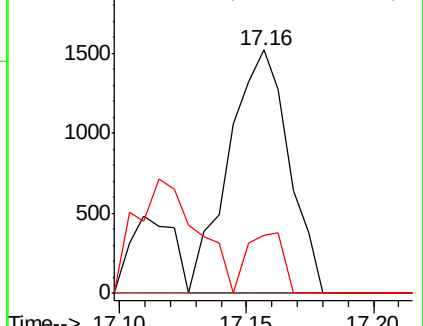
179 23.8 12.3 18.5#



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: 0.003 ng

RT: 17.24 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

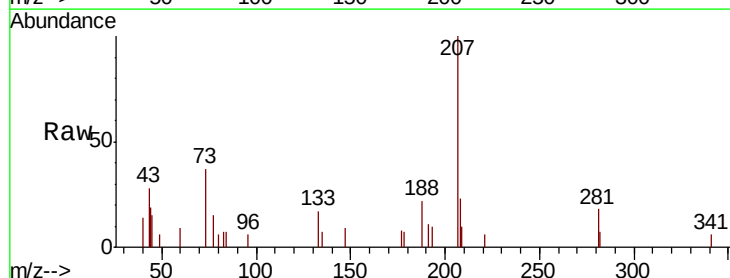
Tgt Ion:178 Resp: 237

Ion Ratio Lower Upper

178 100

176 0.0 14.8 22.2#

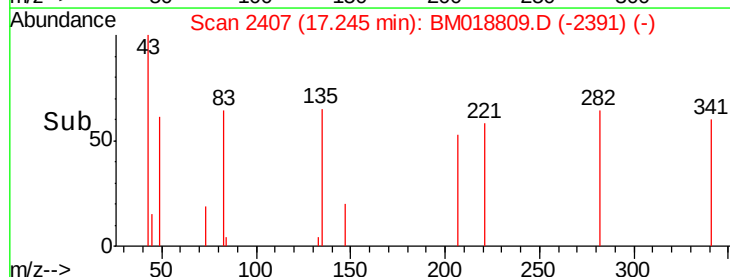
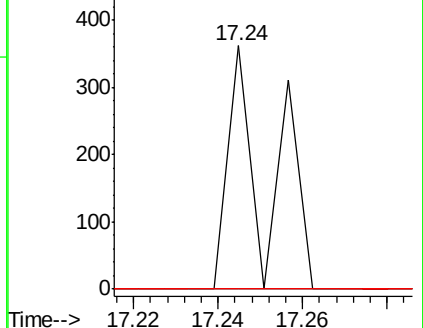
179 0.0 12.1 18.1#

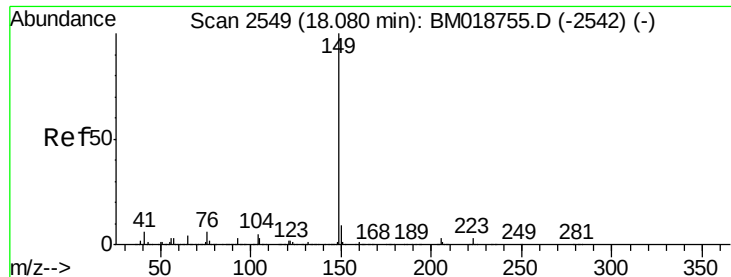


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.035 ng

RT: 18.08 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

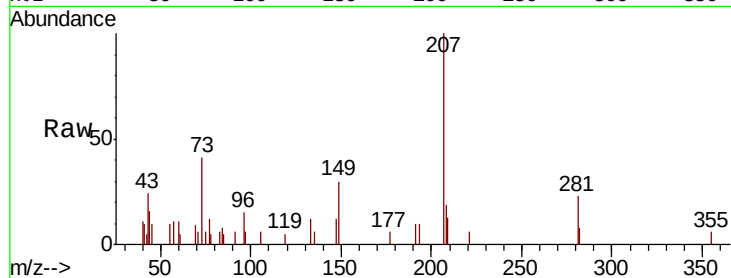
Tgt Ion:149 Resp: 2971

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

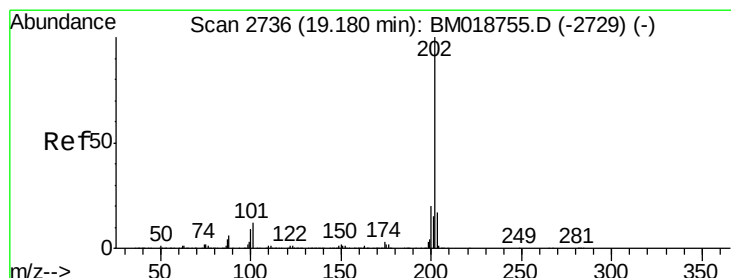
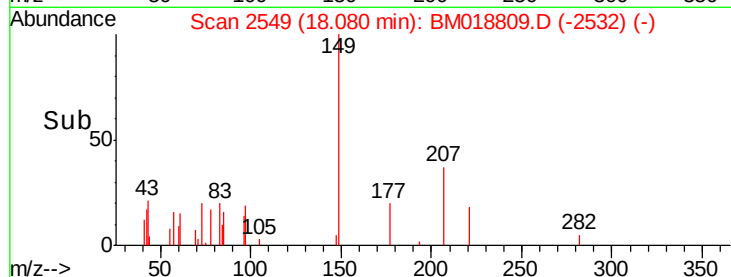
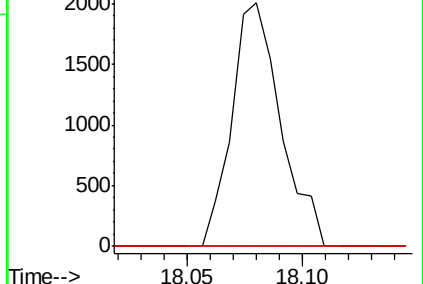
104 0.0 4.3 6.5#



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: 0.012 ng

RT: 19.18 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

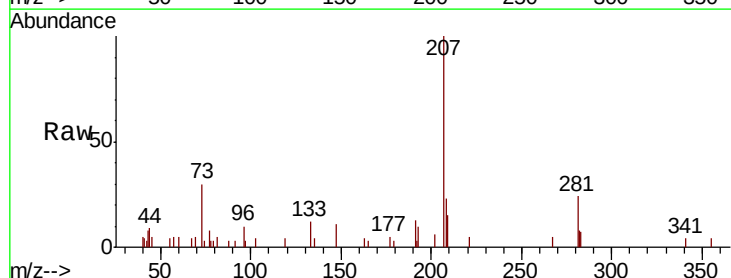
Tgt Ion:202 Resp: 972

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

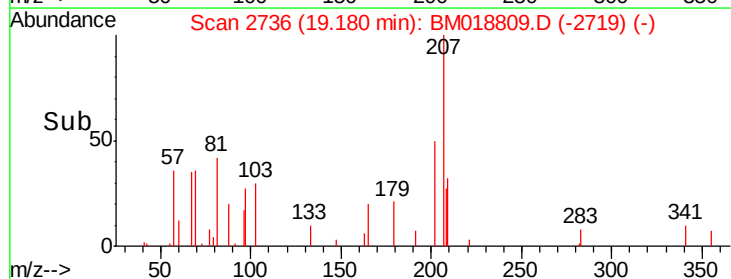
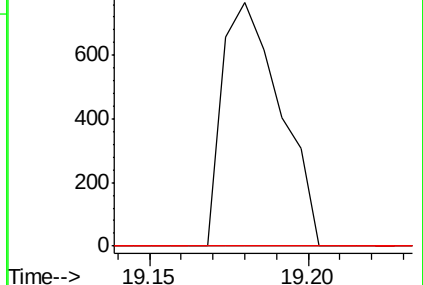
203 0.0 0.0 37.3

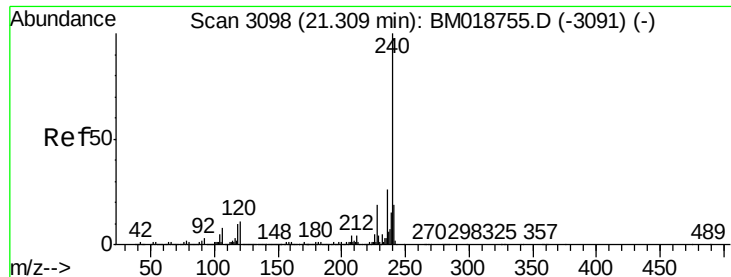


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

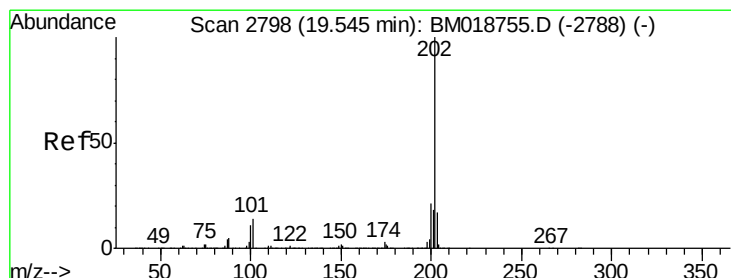
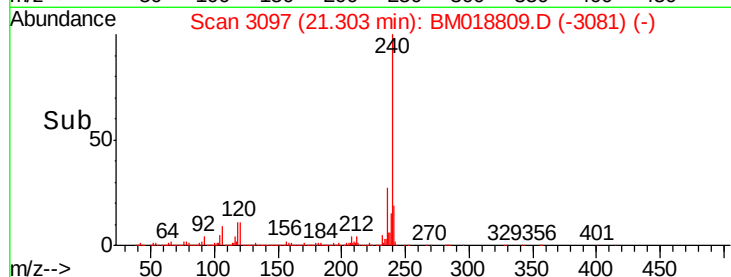
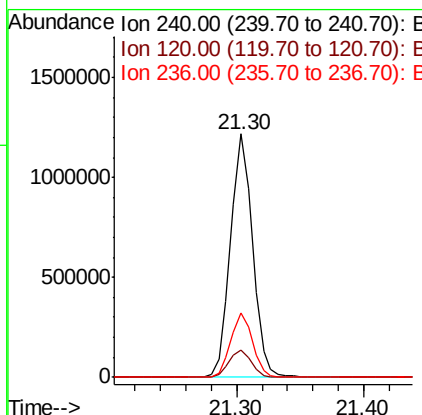
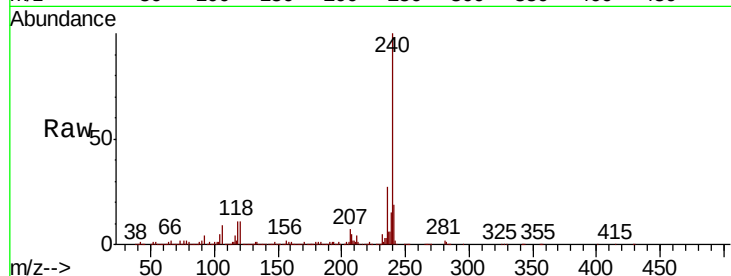




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

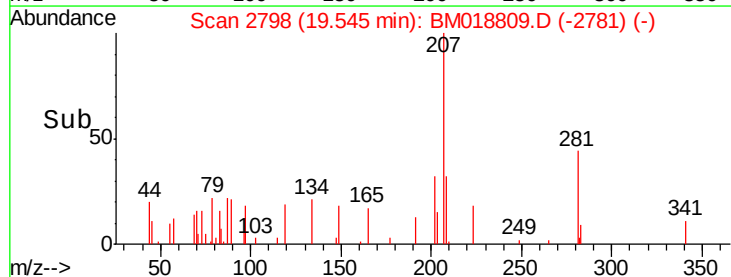
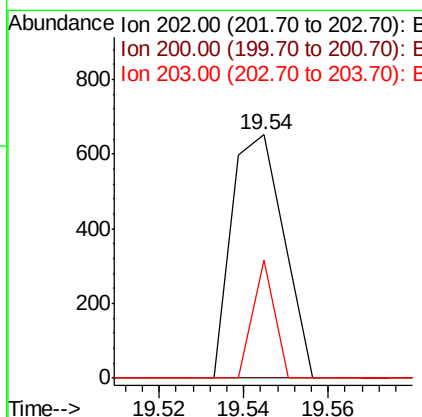
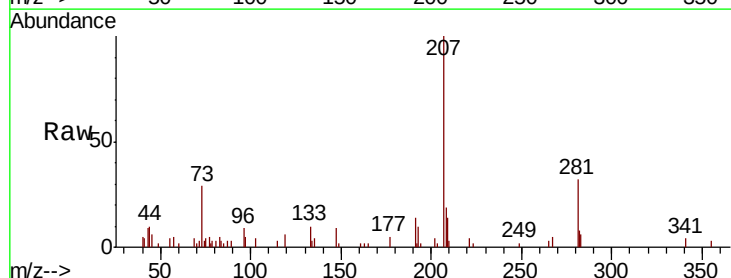
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-P

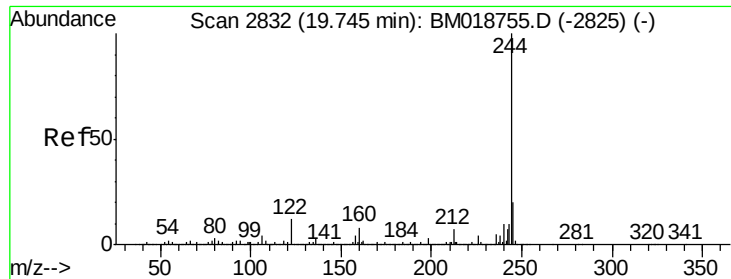
Tgt Ion:240 Resp: 1470935
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.5 20.9 31.3



#78
Pyrene
Concen: 0.006 ng
RT: 19.54 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

Tgt Ion:202 Resp: 555
Ion Ratio Lower Upper
202 100
200 0.0 16.9 25.3#
203 48.6 13.8 20.8#





#79

Terphenyl-d14

Concen: 104.054 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

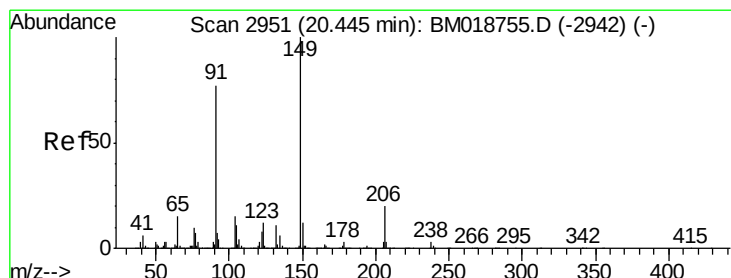
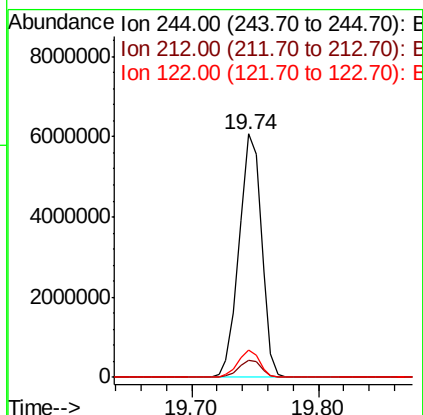
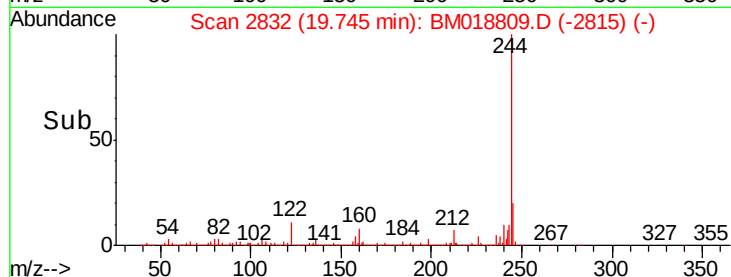
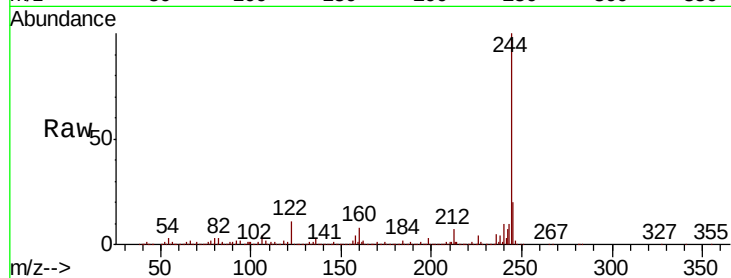
Tgt Ion:244 Resp: 7419477

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.4 9.3 13.9



#80

Butylbenzylphthalate

Concen: 0.048 ng

RT: 20.44 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

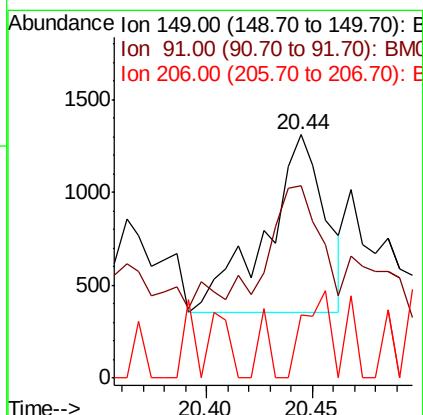
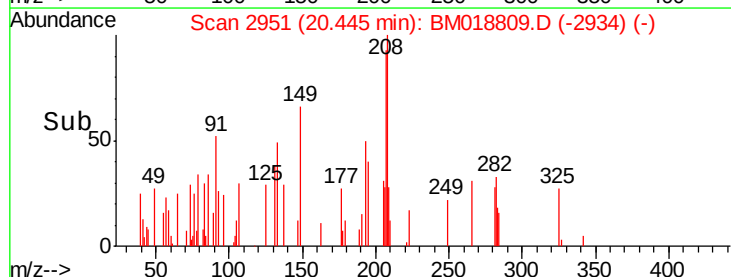
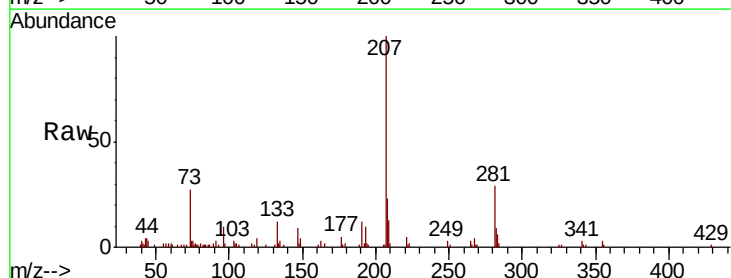
Tgt Ion:149 Resp: 1855

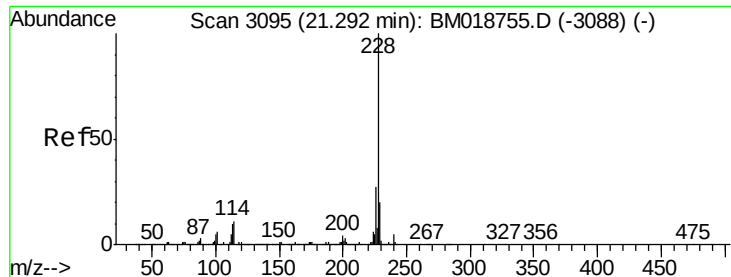
Ion Ratio Lower Upper

149 100

91 78.9 61.4 92.0

206 25.9 15.8 23.8#





#81

Benzo(a)anthracene

Concen: 0.045 ng

RT: 21.30 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

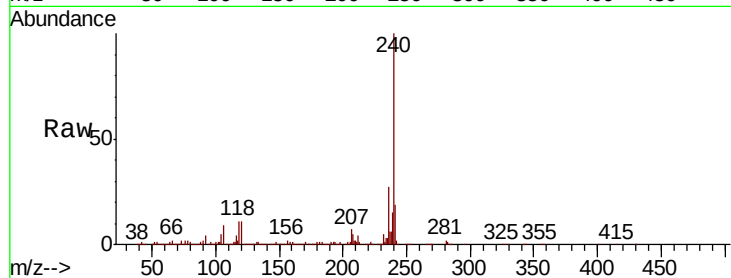
Tgt Ion:228 Resp: 3873

Ion Ratio Lower Upper

228 100

226 0.0 21.9 32.9#

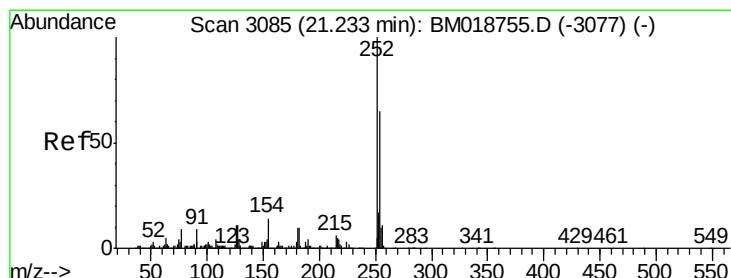
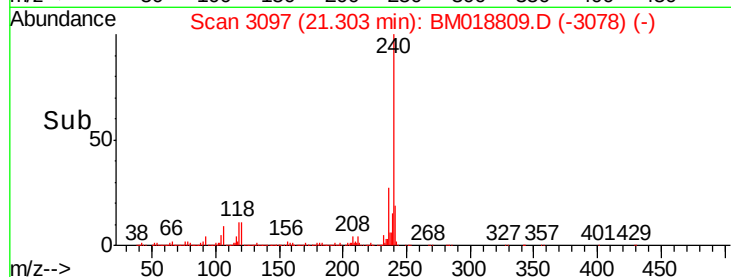
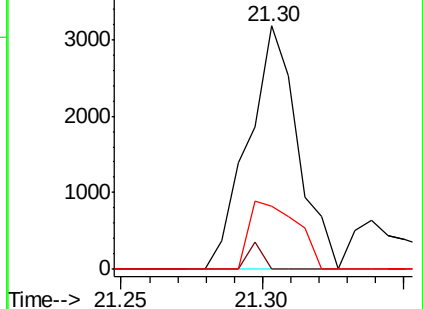
229 25.9 15.9 23.9#



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: 0.017 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

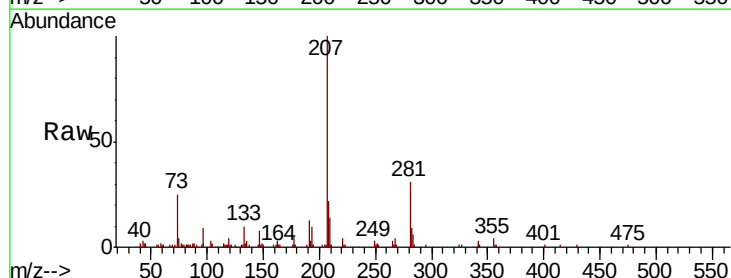
Tgt Ion:252 Resp: 561

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.8#

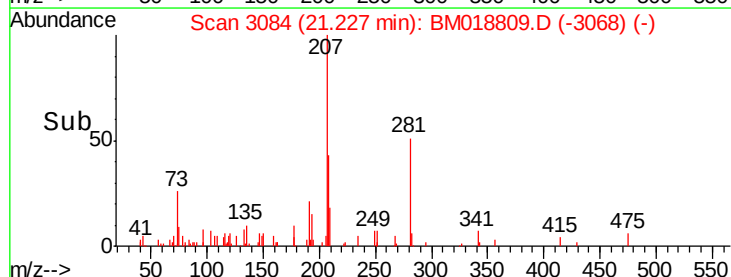
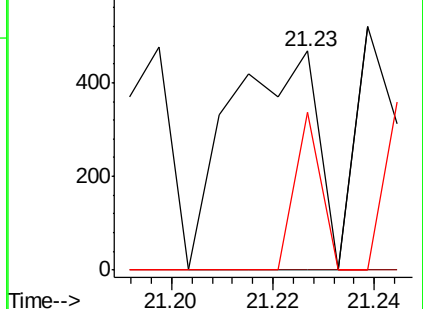
126 72.4 9.1 13.7#

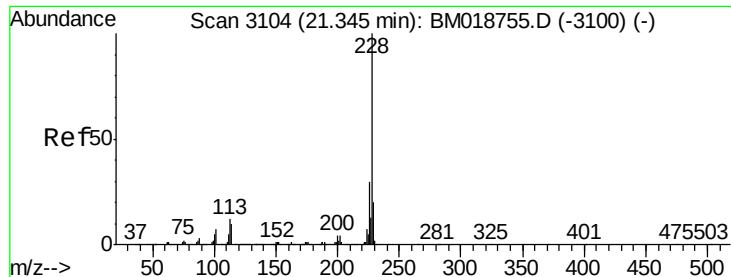


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.010 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

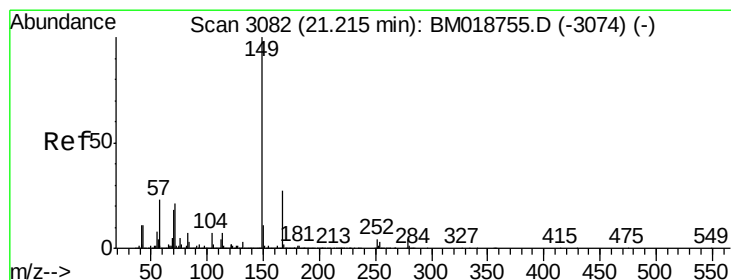
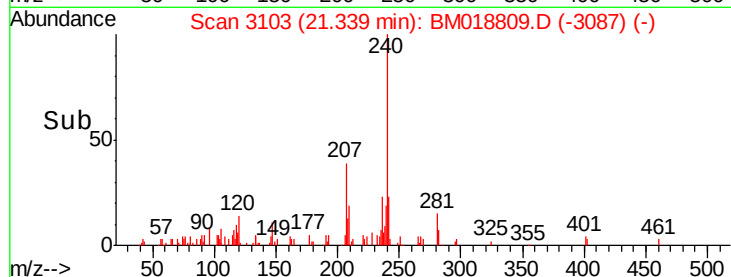
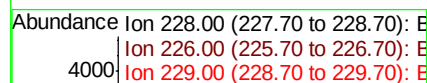
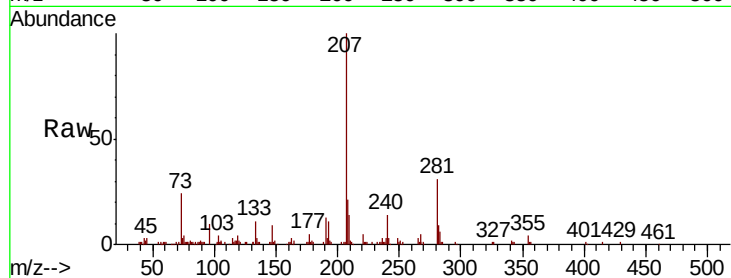
Tgt Ion: 228 Resp: 816

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: 0.044 ng

RT: 21.22 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

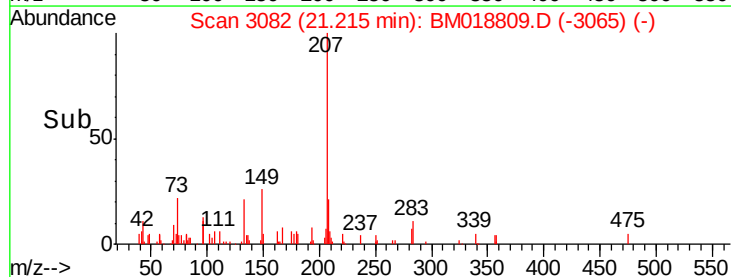
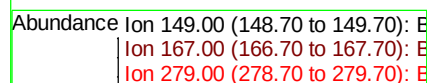
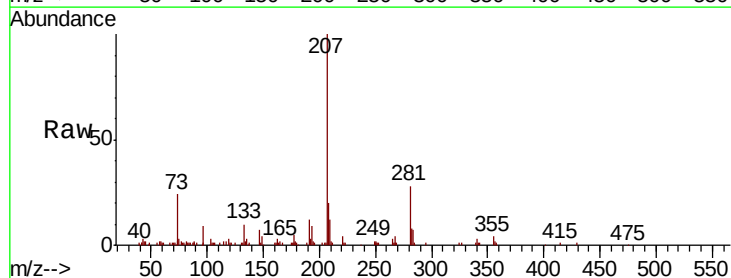
Tgt Ion: 149 Resp: 2485

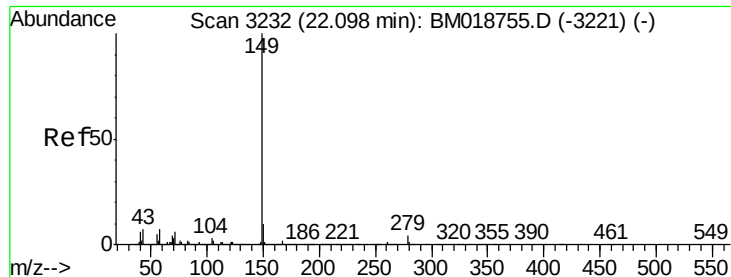
Ion Ratio Lower Upper

149 100

167 20.5 21.8 32.6#

279 0.0 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.09 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P

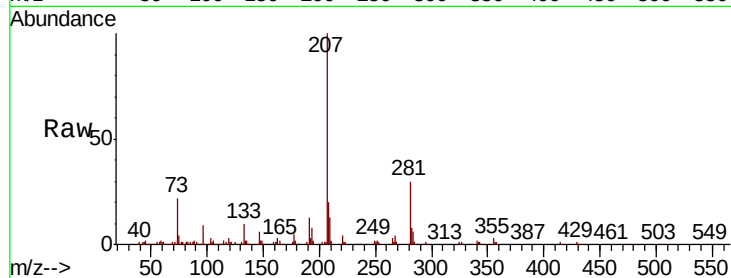
Tgt Ion:149 Resp: 402

Ion Ratio Lower Upper

149 100

167 59.5 1.3 1.9#

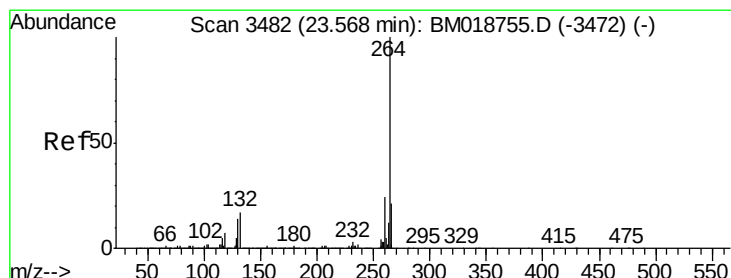
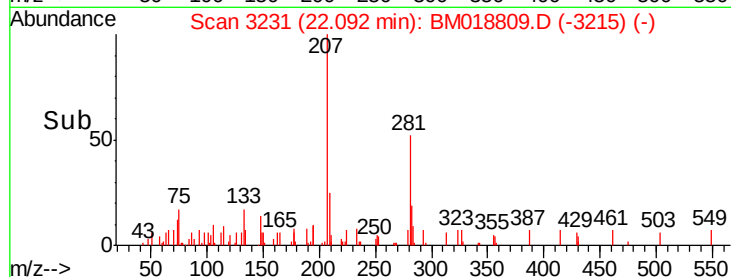
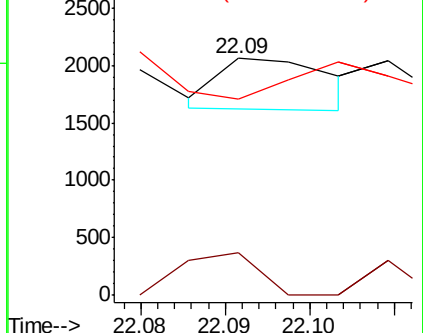
43 74.6 6.0 9.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018809.D

Acq: 13 Feb 2019 19:34

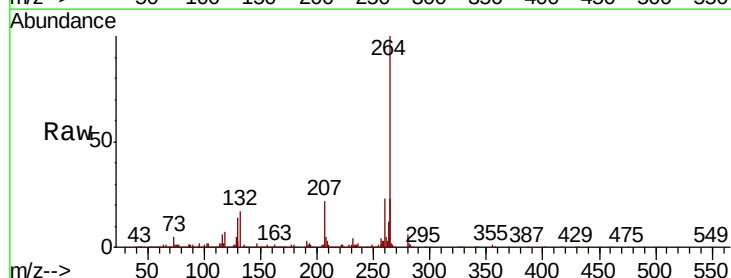
Tgt Ion:264 Resp: 1355995

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

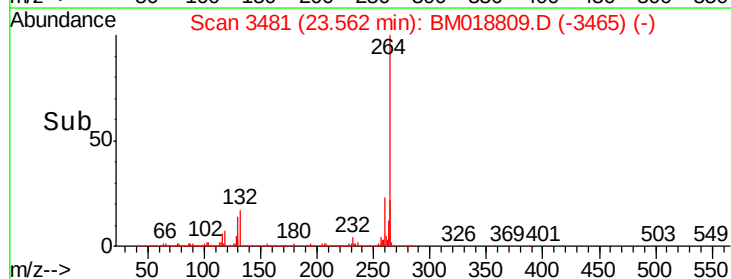
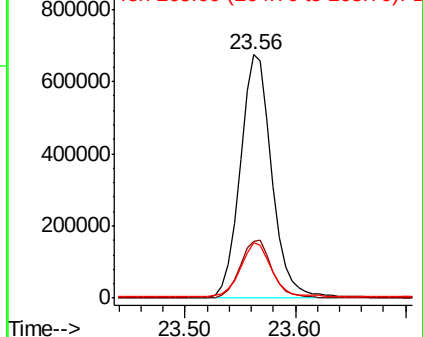
265 22.8 17.3 25.9

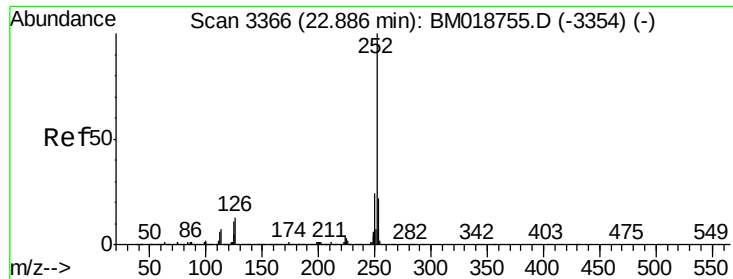


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

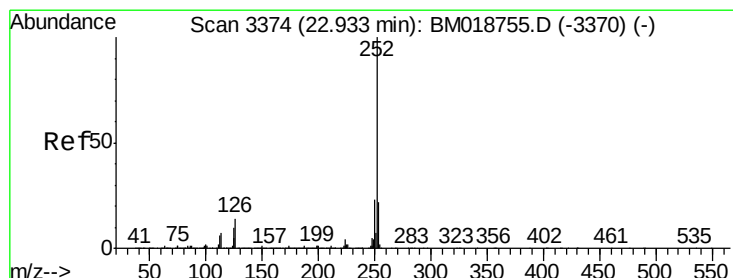
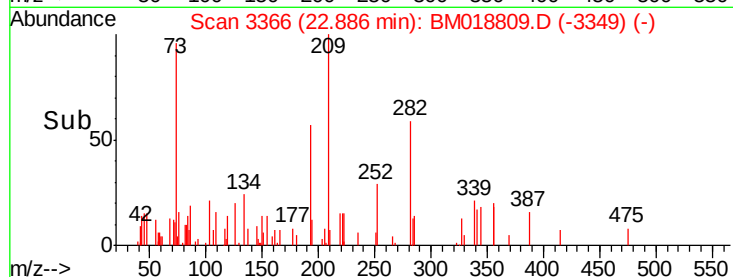
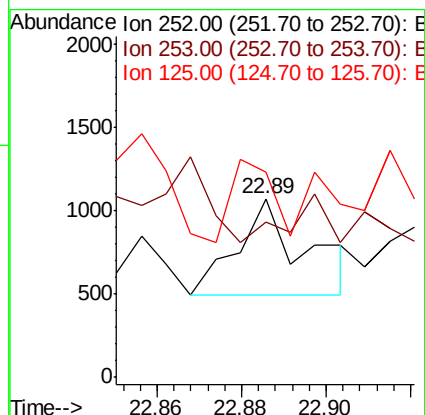
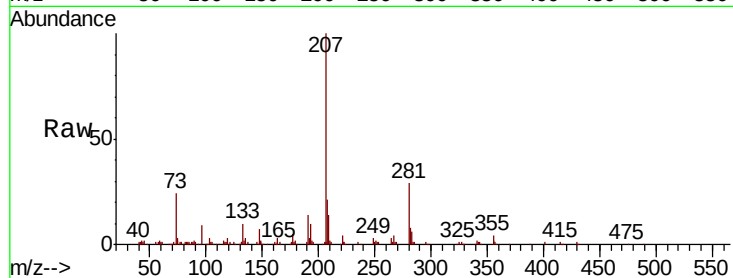




#88
Benzo(b)fluoranthene
Concen: 0.008 ng
RT: 22.89 min Scan# 3366
Delta R.T. -0.00 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

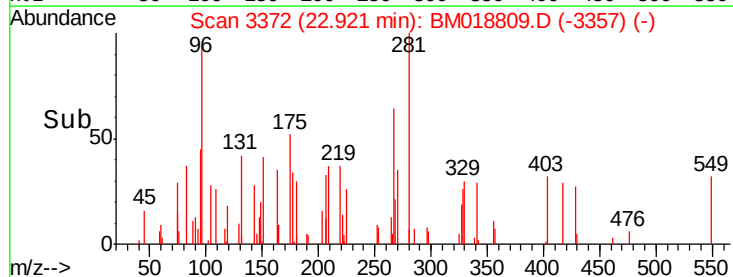
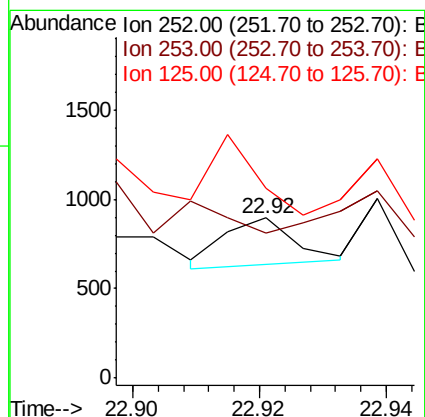
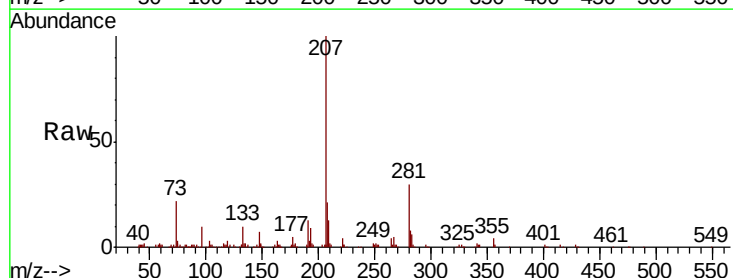
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-P

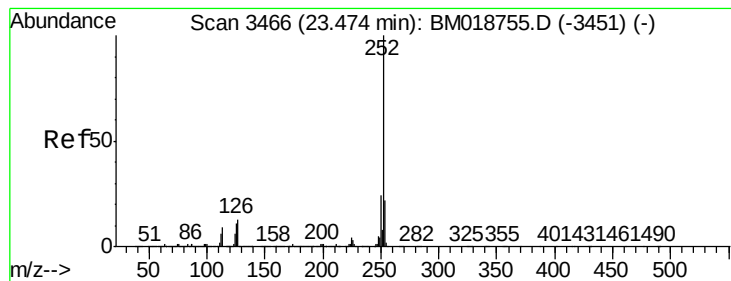
Tgt Ion: 252 Resp: 639
Ion Ratio Lower Upper
252 100
253 86.9 17.8 26.6#
125 115.2 8.6 12.8#



#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 22.92 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BM018809.D
Acq: 13 Feb 2019 19:34

Tgt Ion: 252 Resp: 201
Ion Ratio Lower Upper
252 100
253 90.6 17.7 26.5#
125 118.7 8.2 12.4#





#90

Benzo(a)pyrene

Concen: 0.007 ng

RT: 23.44 min Scan# 3461

Delta R.T. -0.03 min

Lab File: BM018809.D

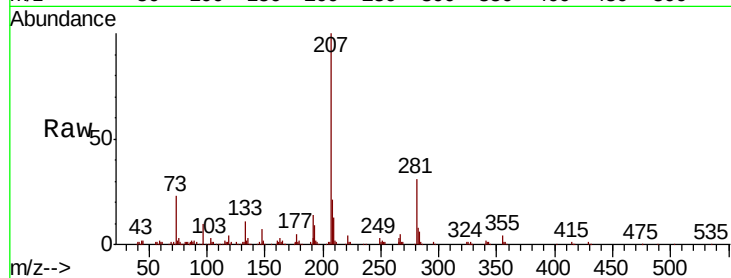
Acq: 13 Feb 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-P



Tgt Ion:	252	Resp:	513
Ion	Ratio	Lower	Upper
252	100		
253	98.2	17.4	26.0#
125	130.4	8.6	13.0#

