

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021319\
 Data File : BM018805.D
 Acq On : 13 Feb 2019 17:08
 Operator : JU/SJ
 Sample : K1343-24
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Feb 14 00:50:27 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	282931	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1106296	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	624918	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1479710	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1603057	20.00	ng	0.00
87) Perylene-d12	23.57	264	1525632	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2196241	127.19	ng	0.00
7) Phenol-d6	6.89	99	2569398	105.62	ng	0.00
23) Nitrobenzene-d5	8.87	82	2290741	95.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1310278	145.46	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4379749	93.04	ng	0.00
79) Terphenyl-d14	19.74	244	7879973	101.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	446	0.059	ng	# 1
3) Pyridine	3.65	79	112	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.58	42	694	0.133	ng	# 1
8) 2-Chlorophenol	7.27	128	402	0.021	ng	# 1
9) Benzaldehyde	6.89	77	6814	Below Cal		# 17
10) Phenol	6.91	94	718	0.028	ng	# 1
15) Benzyl Alcohol	8.03	79	33105	1.713	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.29	45	130	0.007	ng	# 67
18) Hexachloroethane	8.80	117	1630	0.206	ng	# 1
22) Acetophenone	8.55	105	2728	0.090	ng	# 82
24) Nitrobenzene	8.95	77	260	0.010	ng	# 44
25) Isophorone	9.44	82	1364	0.036	ng	# 68
31) Naphthalene	10.55	128	11692	0.217	ng	# 96
32) Benzoic acid	9.89	122	378	0.030	ng	# 1
37) 2-Methylnaphthalene	12.17	142	9664	0.254	ng	# 89
38) 1-Methylnaphthalene	12.39	142	6752	0.182	ng	# 99
46) 1,1'-Biphenyl	13.19	154	8859	0.165	ng	# 93
50) Dimethylphthalate	13.83	163	272	0.005	ng	# 78
51) 2,6-Dinitrotoluene	13.88	165	761	0.067	ng	# 20
52) Acenaphthene	14.43	154	1710	0.045	ng	# 92
55) Dibenzofuran	14.77	168	1452	0.023	ng	# 43
58) Fluorene	15.41	166	1903	0.040	ng	# 92
60) Diethylphthalate	15.19	149	6748	0.126	ng	# 97
63) Azobenzene	15.67	77	333	0.006	ng	# 57
71) Phenanthrene	17.16	178	7343	0.092	ng	# 90
72) Anthracene	17.24	178	931	0.012	ng	# 61
73) Carbazole	17.53	167	2009	0.025	ng	# 78
74) Di-n-butylphthalate	18.08	149	12438	0.134	ng	# 97
75) Fluoranthene	19.18	202	2061	0.022	ng	# 64
78) Pyrene	19.54	202	1737	0.019	ng	# 90
80) Butylbenzylphthalate	20.44	149	2532	0.060	ng	# 81
81) Benzo(a)anthracene	21.30	228	5103	0.055	ng	# 57
82) 3,3'-Dichlorobenzidine	21.24	252	590	0.016	ng	# 87
83) Chrysene	21.34	228	655	0.007	ng	# 49

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

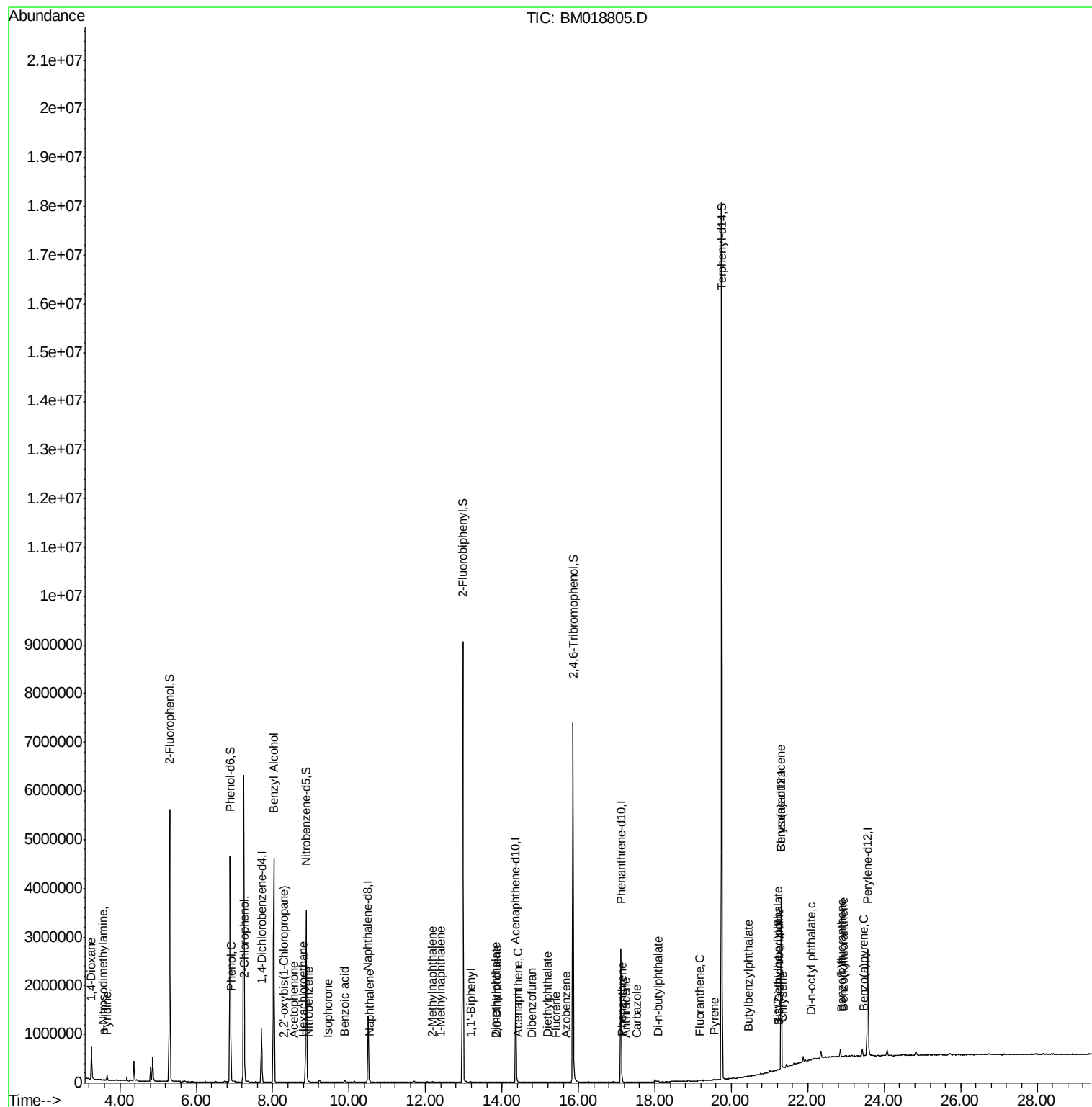
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.22	149	3444	0.055	ng	# 98
85) Di-n-octyl phthalate	22.09	149	1155	0.011	ng	# 1
88) Benzo(b)fluoranthene	22.90	252	576	0.007	ng	# 1
89) Benzo(k)fluoranthene	22.94	252	567	0.007	ng	# 1
90) Benzo(a)pyrene	23.47	252	372	0.004	ng	# 1

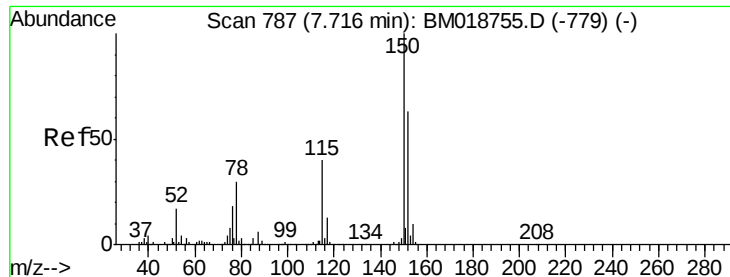
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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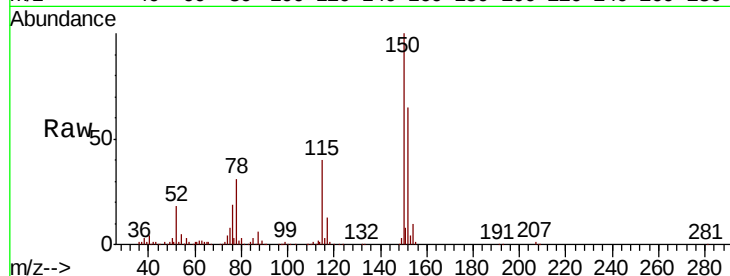


#1

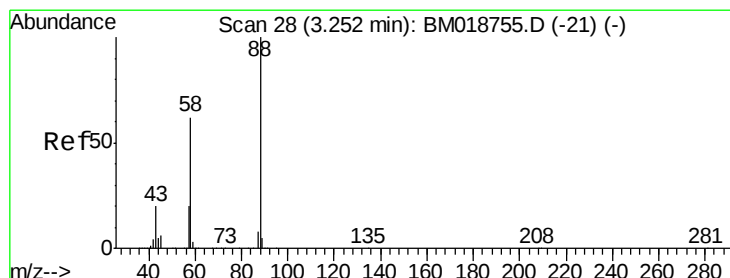
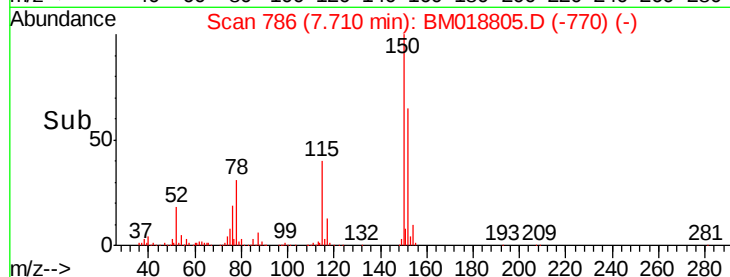
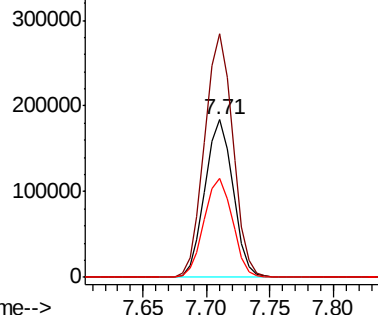
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

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

Tgt Ion:152 Resp: 282931
Ion Ratio Lower Upper
152 100
150 154.3 127.3 190.9
115 62.4 50.8 76.2



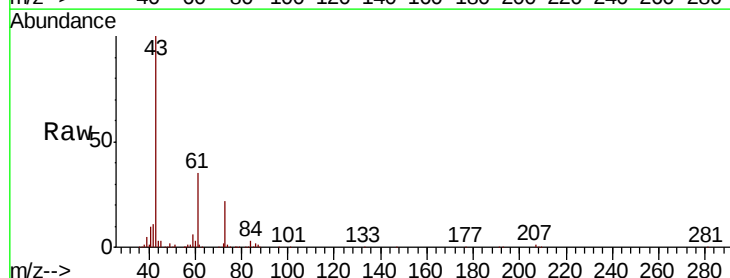
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



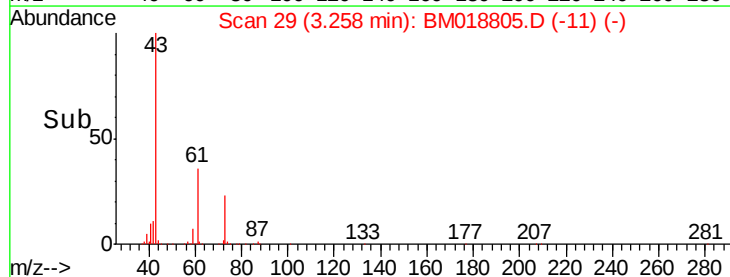
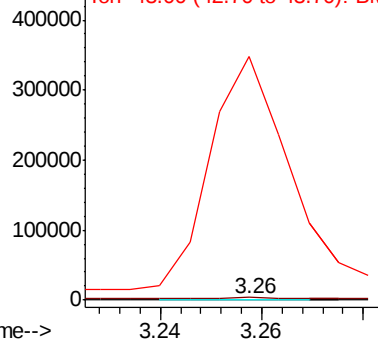
#2

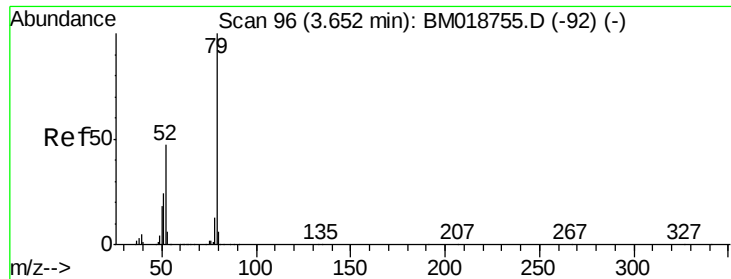
1,4-Dioxane
Concen: 0.059 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.01 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

Tgt Ion: 88 Resp: 446
Ion Ratio Lower Upper
88 100
58 504.9 49.8 74.6#
43 86382.5 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: 0.005 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

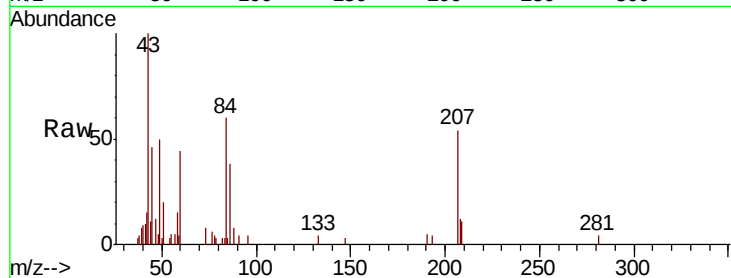
Tgt Ion: 79 Resp: 112

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

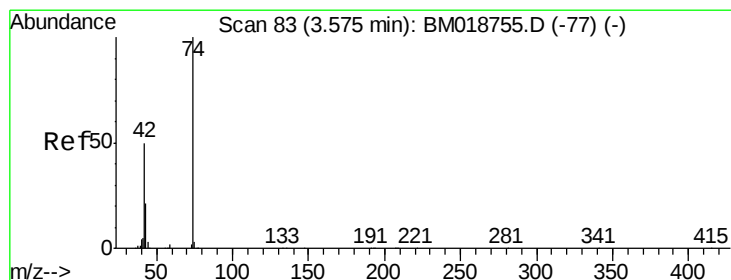
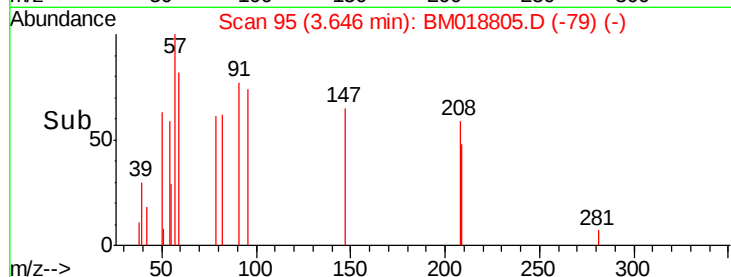
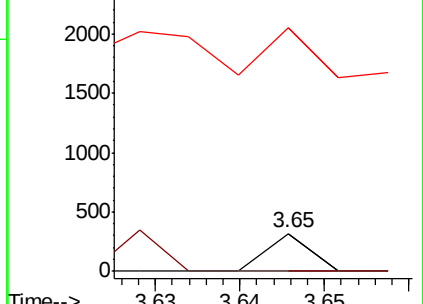
51 647.0 19.7 29.5#



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

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

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



#4

n-Nitrosodimethylamine

Concen: 0.133 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.00 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

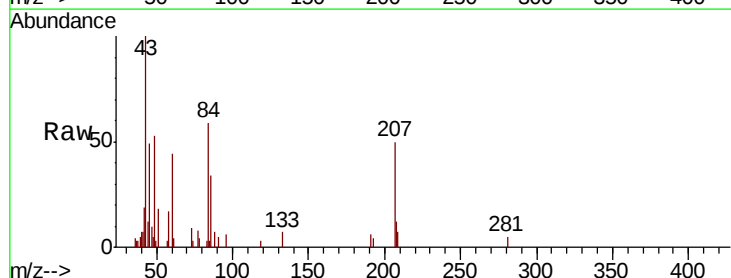
Tgt Ion: 42 Resp: 694

Ion Ratio Lower Upper

42 100

74 18.0 158.1 237.1#

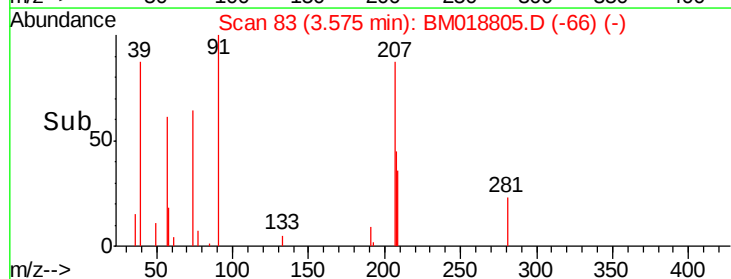
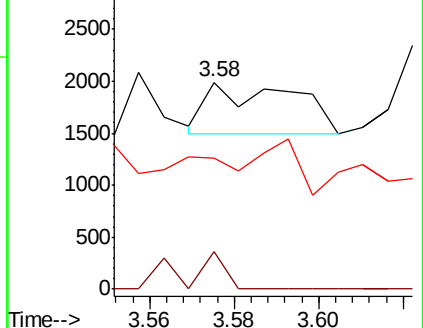
44 63.0 4.9 7.3#

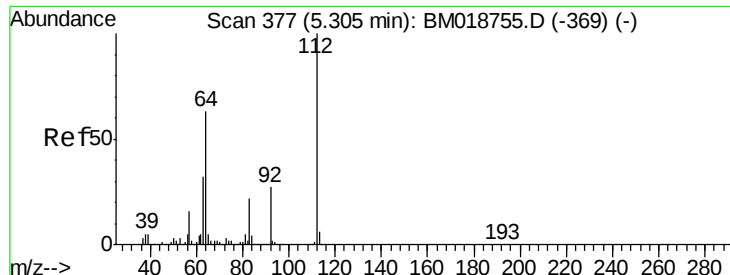


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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: 127.186 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018805.D

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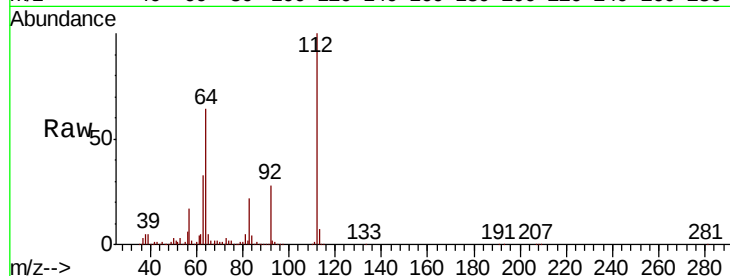
Tgt Ion: 112 Resp: 2196241

Ion Ratio Lower Upper

112 100

64 63.9 50.6 75.8

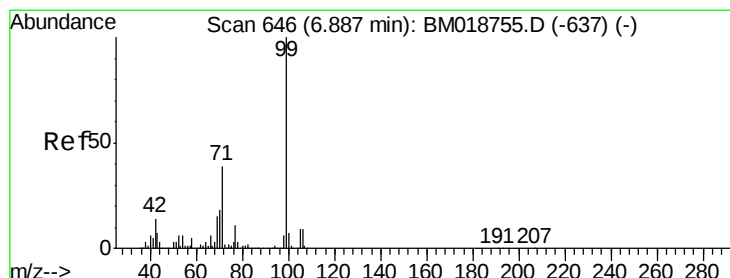
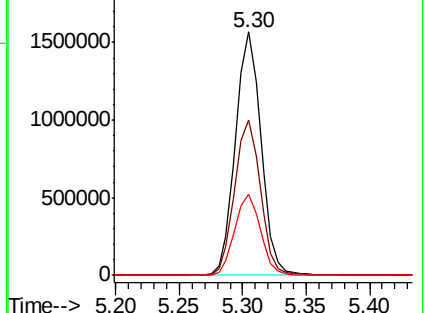
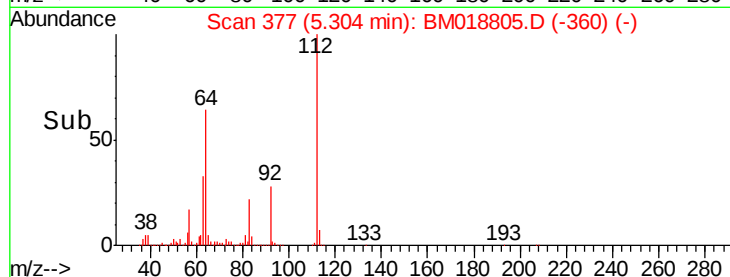
63 33.0 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 105.622 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

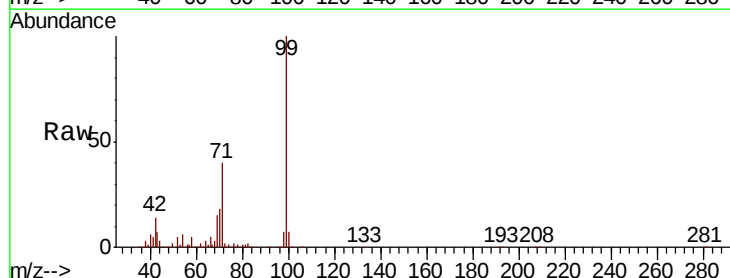
Tgt Ion: 99 Resp: 2569398

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

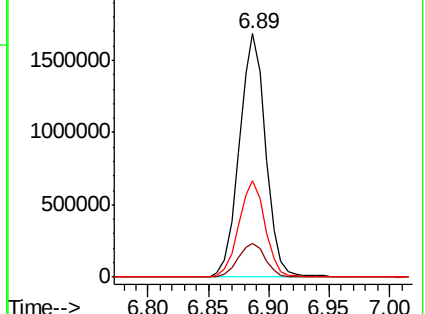
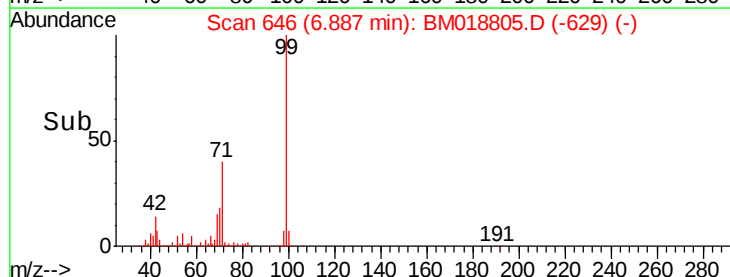
71 39.7 31.3 46.9

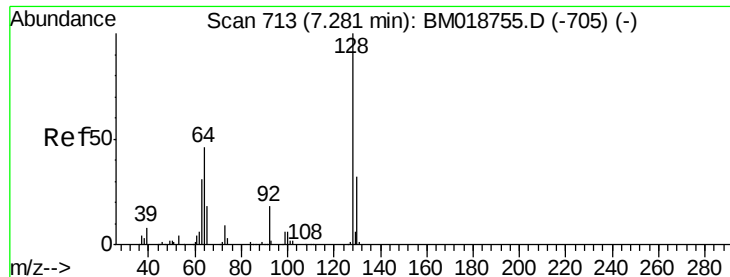


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 0.021 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

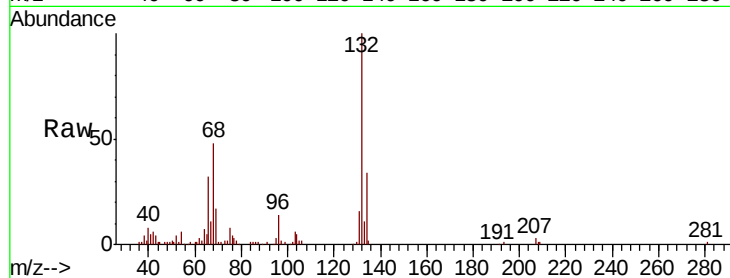
BNA_M

ClientSampleId :

JC-02-021119-L

Tgt Ion:128 Resp: 402

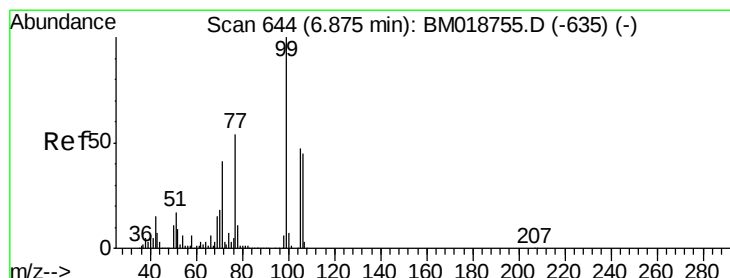
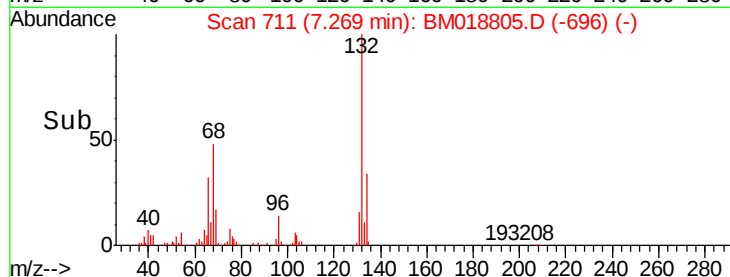
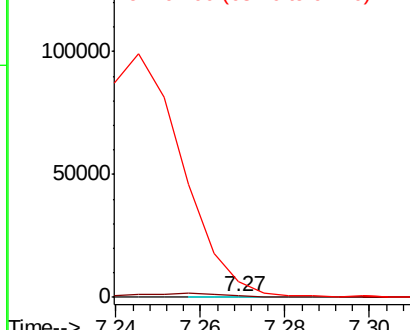
Ion	Ratio	Lower	Upper
128	100		
130	228.9	11.7	51.7#
64	1668.1	31.0	71.0#



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

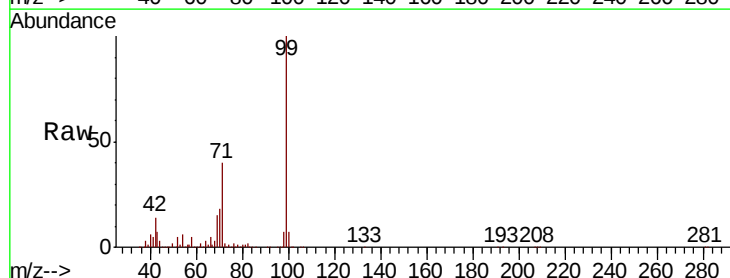
Delta R.T. 0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Tgt Ion: 77 Resp: 6814

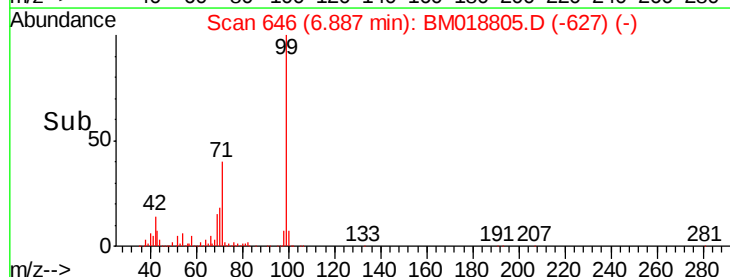
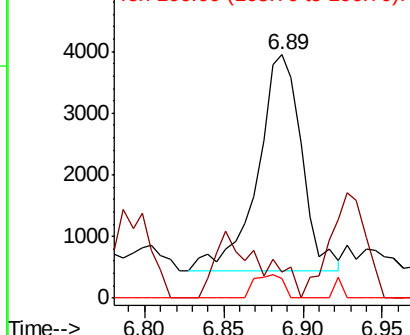
Ion	Ratio	Lower	Upper
77	100		
105	10.8	67.3	107.3#
106	8.2	62.9	102.9#

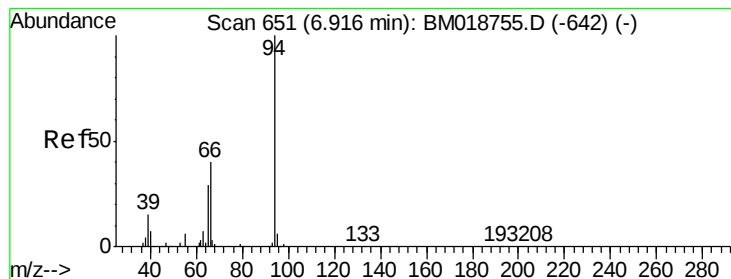


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.028 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

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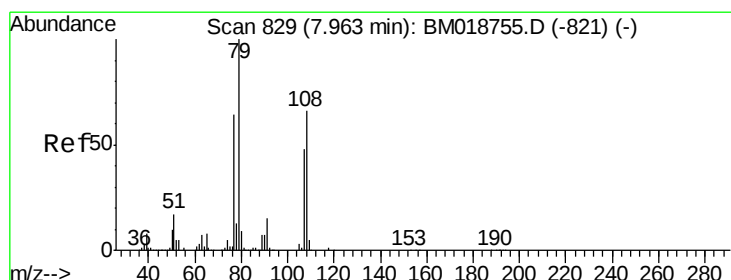
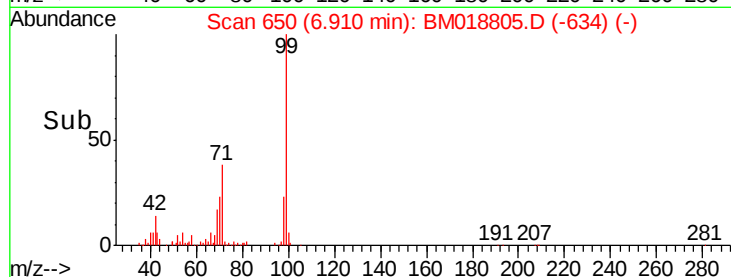
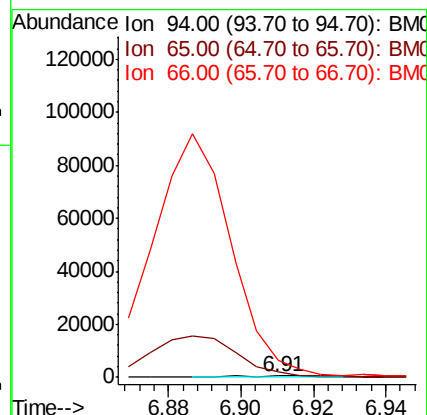
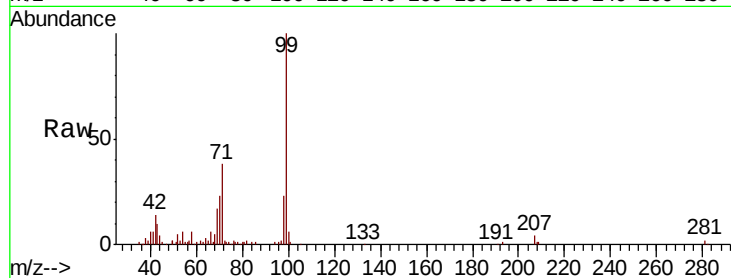
Tgt Ion: 94 Resp: 718

Ion Ratio Lower Upper

94 100

65 300.0 9.6 49.6#

66 1029.8 20.4 60.4#



#15

Benzyl Alcohol

Concen: 1.713 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.06 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

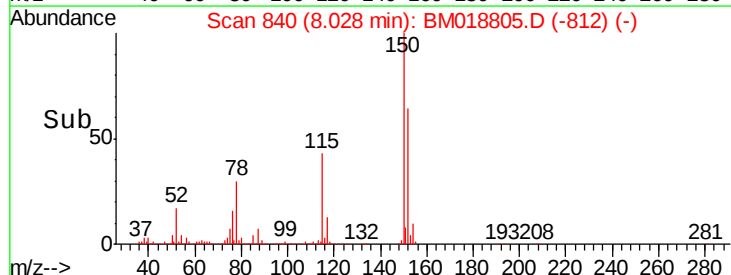
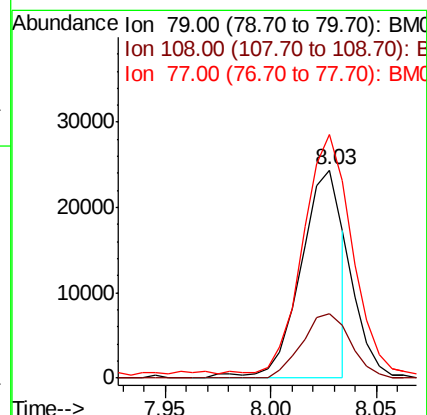
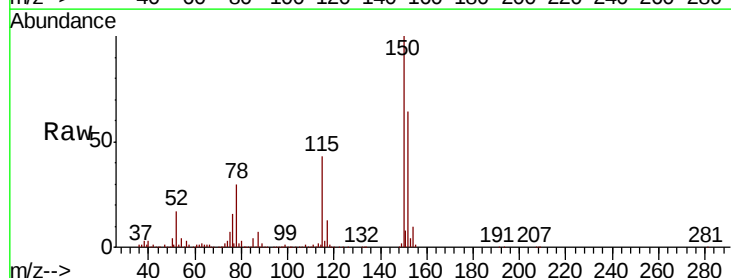
Tgt Ion: 79 Resp: 33105

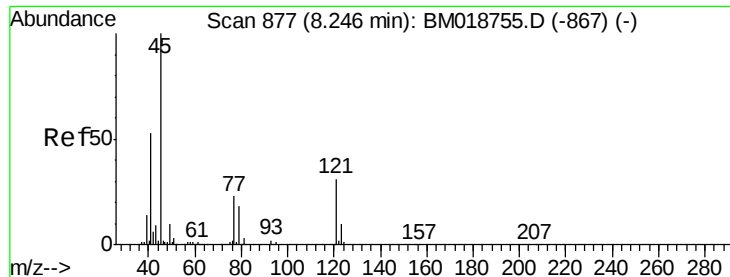
Ion Ratio Lower Upper

79 100

108 31.0 52.7 79.1#

77 116.9 51.0 76.4#

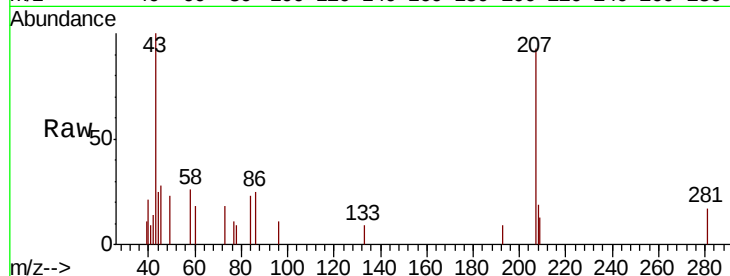




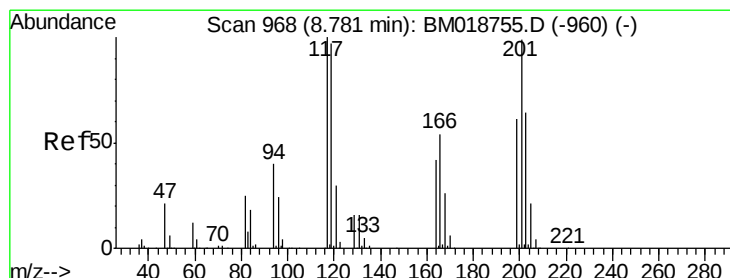
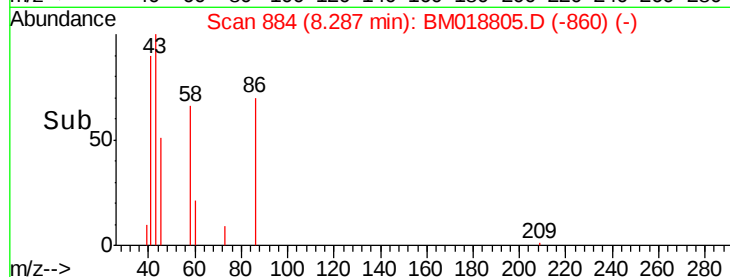
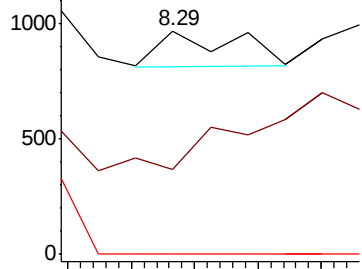
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.007 ng
 RT: 8.29 min Scan# 884
 Delta R.T. 0.04 min
 Lab File: BM018805.D
 Acq: 13 Feb 2019 17:08

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

Tgt Ion: 45 Resp: 130
 Ion Ratio Lower Upper
 45 100
 77 37.8 5.0 45.0
 79 0.0 0.0 39.3

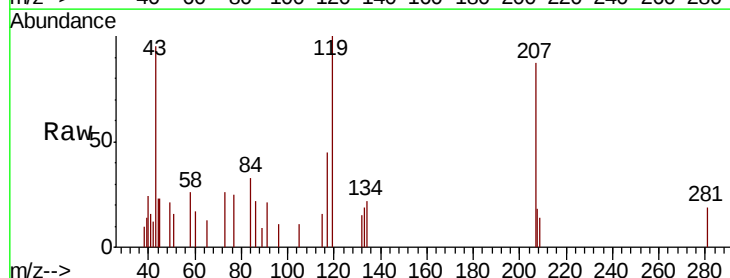


Abundance Ion 45.00 (44.70 to 45.70): BM0
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

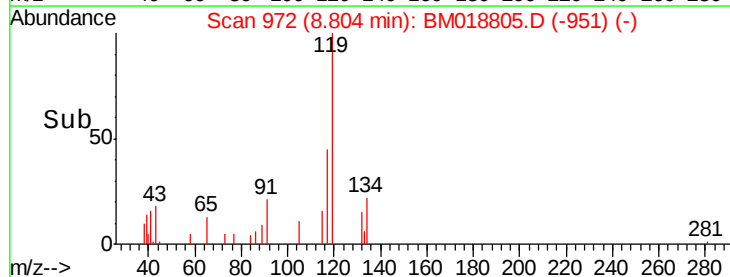
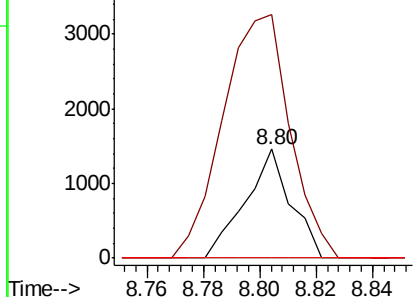


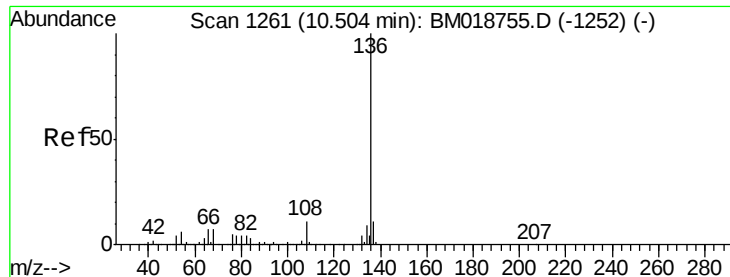
#18
 Hexachloroethane
 Concen: 0.206 ng
 RT: 8.80 min Scan# 972
 Delta R.T. 0.02 min
 Lab File: BM018805.D
 Acq: 13 Feb 2019 17:08

Tgt Ion: 117 Resp: 1630
 Ion Ratio Lower Upper
 117 100
 119 224.0 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

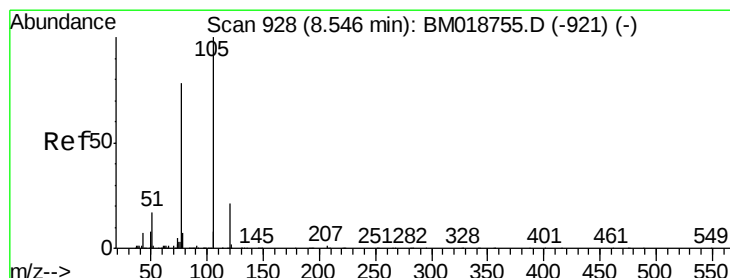
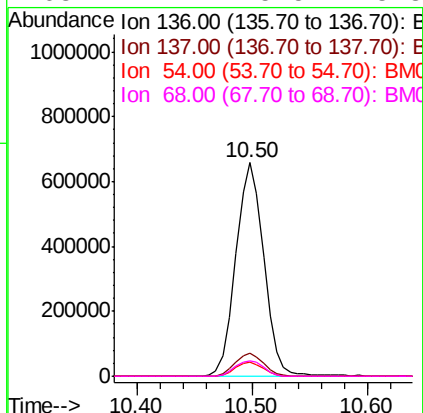
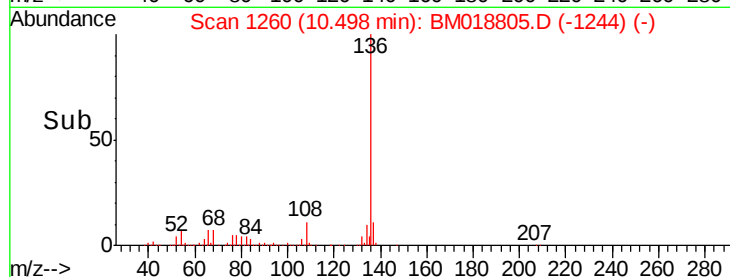
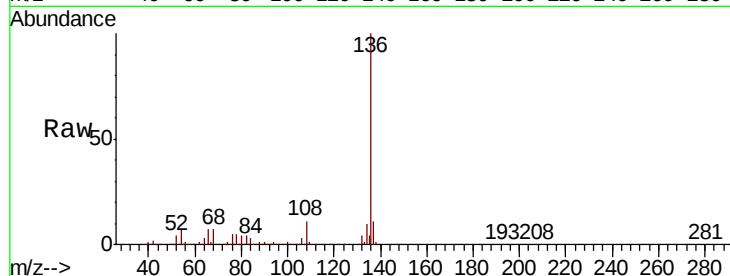




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

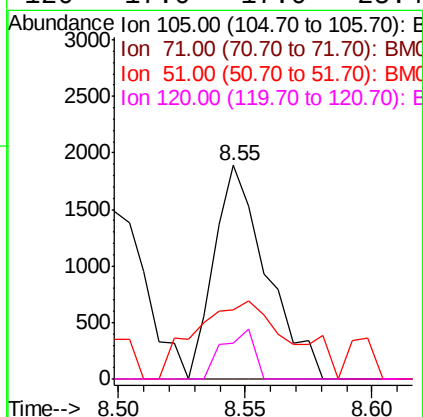
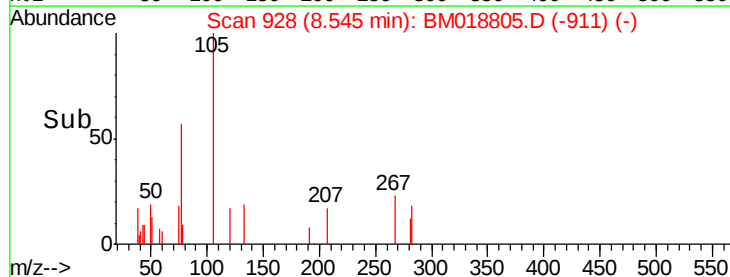
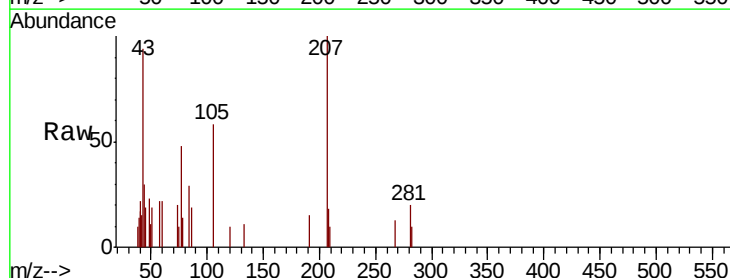
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-L

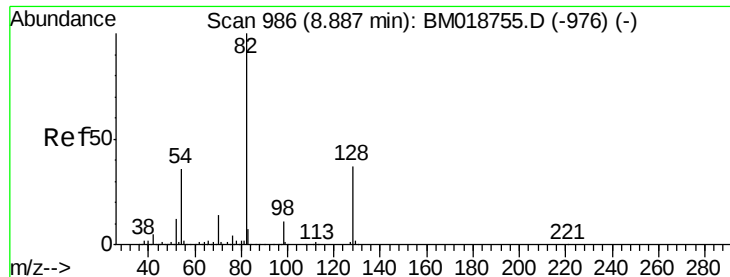
Tgt Ion:	136	Resp:	1106296
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.8	5.0	7.6
68	7.1	5.5	8.3



#22
Acetophenone
Concen: 0.090 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

Tgt Ion:	105	Resp:	2728
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	32.1	15.5	23.3#
120	17.0	17.0	25.4

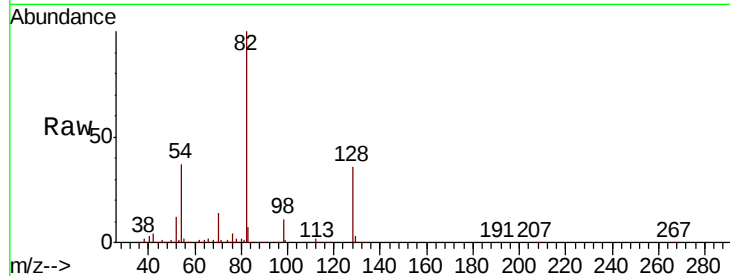




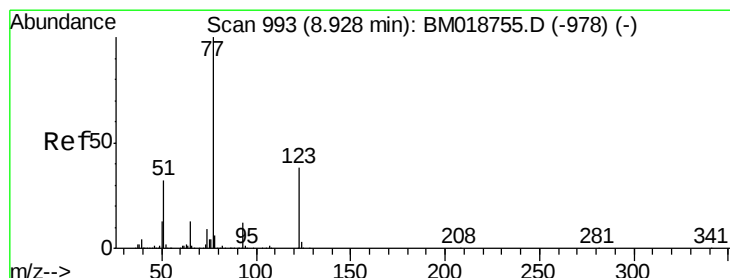
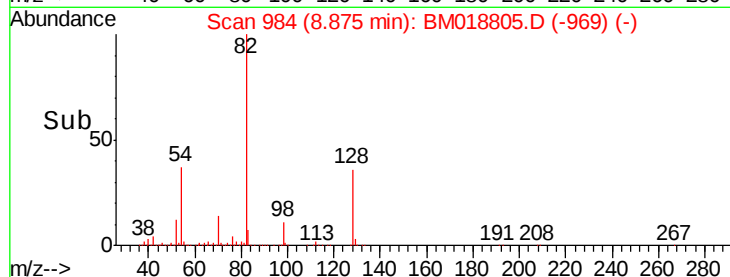
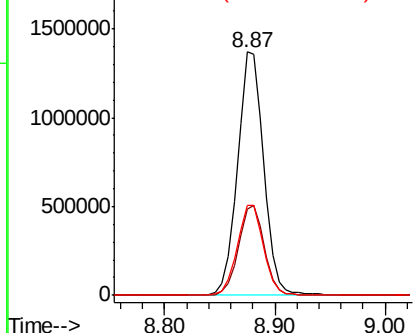
#23
 Nitrobenzene-d5
 Concen: 95.744 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018805.D
 Acq: 13 Feb 2019 17:08

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

Tgt Ion: 82 Resp: 2290741
 Ion Ratio Lower Upper
 82 100
 128 35.7 29.9 44.9
 54 37.0 29.1 43.7

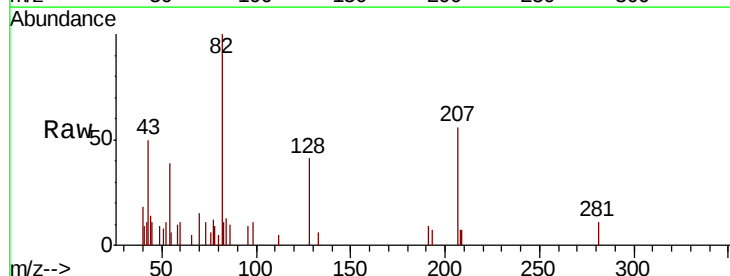


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

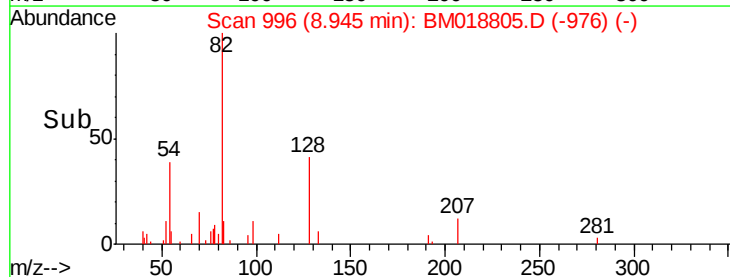
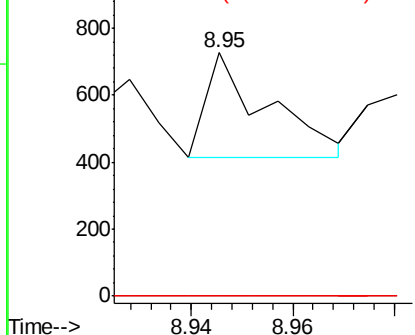


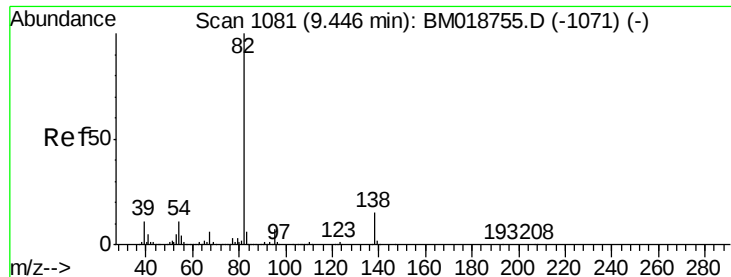
#24
 Nitrobenzene
 Concen: 0.010 ng
 RT: 8.95 min Scan# 996
 Delta R.T. 0.02 min
 Lab File: BM018805.D
 Acq: 13 Feb 2019 17:08

Tgt Ion: 77 Resp: 260
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.7 46.1#
 65 0.0 10.5 15.7#



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)
 Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)
 Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





#25

Isophorone

Concen: 0.036 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

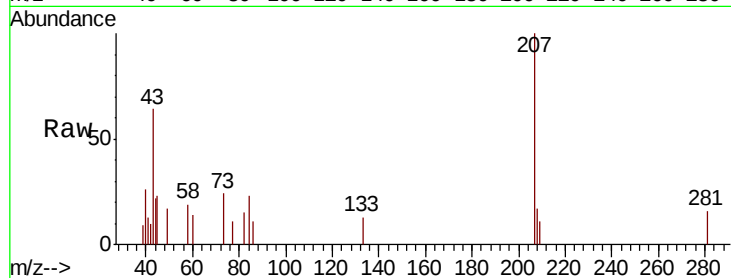
Tgt Ion: 82 Resp: 1364

Ion Ratio Lower Upper

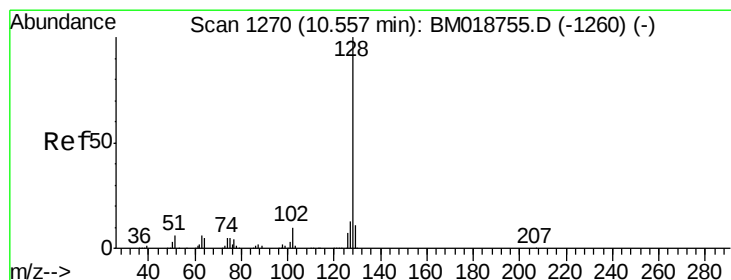
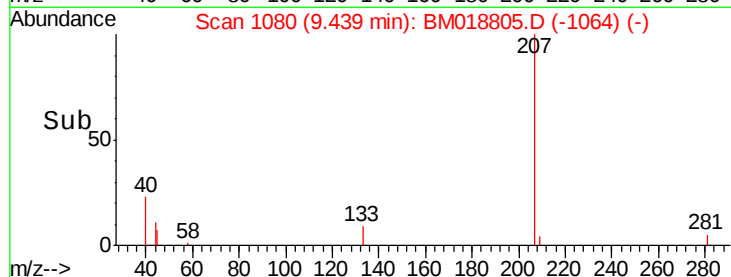
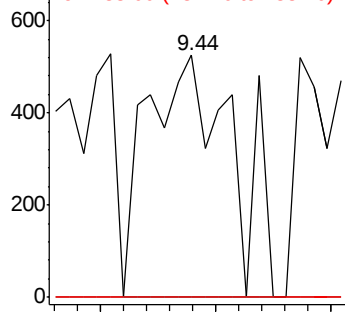
82 100

95 0.0 5.7 8.5#

138 0.0 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BM018805.D (-1064) (-)



#31

Naphthalene

Concen: 0.217 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

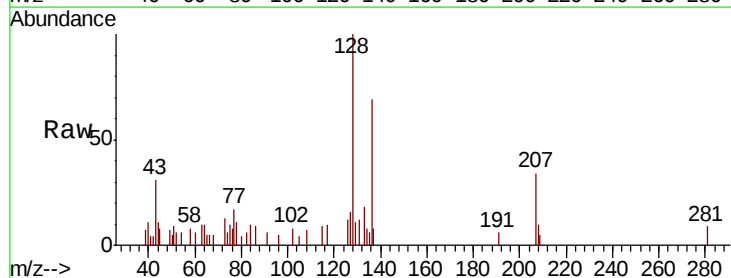
Tgt Ion: 128 Resp: 11692

Ion Ratio Lower Upper

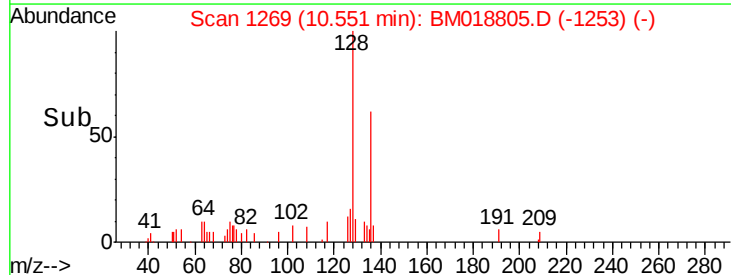
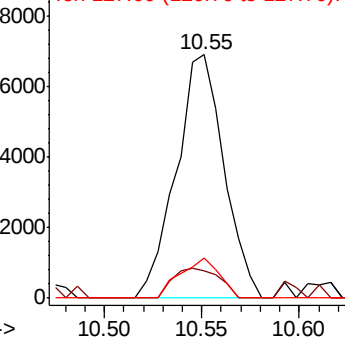
128 100

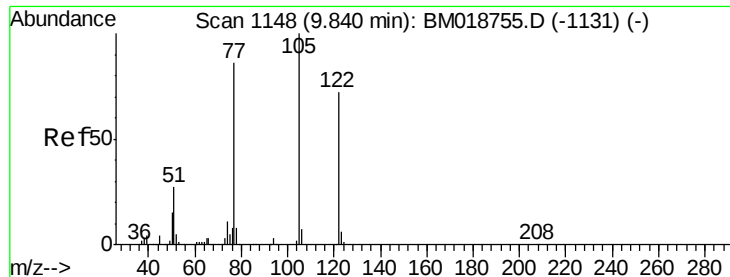
129 11.2 9.0 13.4

127 16.4 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): BM018805.D (-1253) (-)

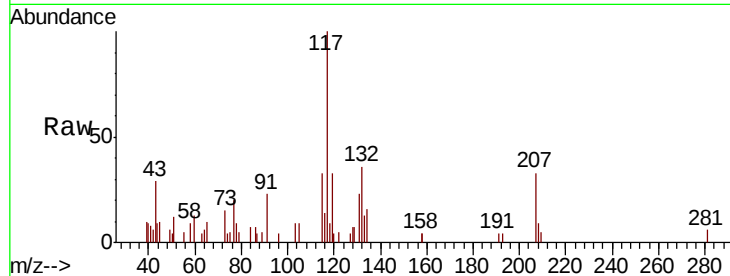




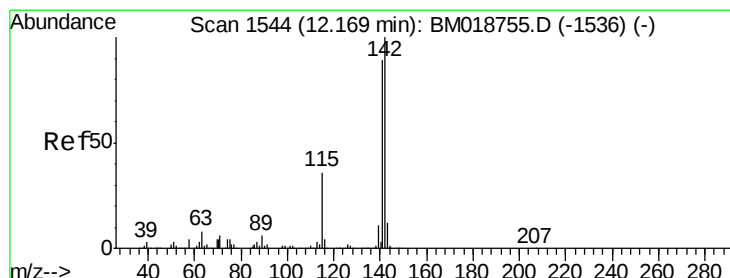
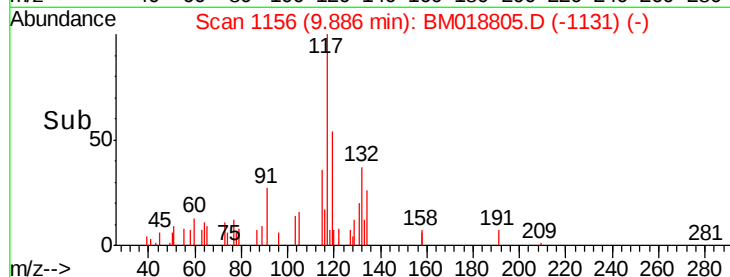
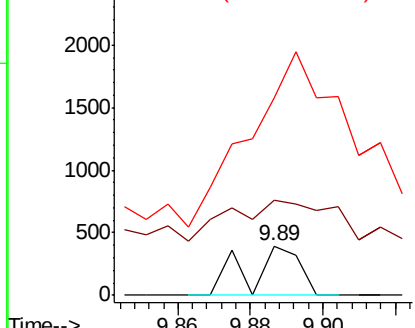
#32
Benzoic acid
Concen: 0.030 ng
RT: 9.89 min Scan# 1156
Delta R.T. 0.05 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

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

Tgt Ion:122 Resp: 378
Ion Ratio Lower Upper
122 100
105 194.6 117.5 157.5#
77 402.6 98.5 138.5#

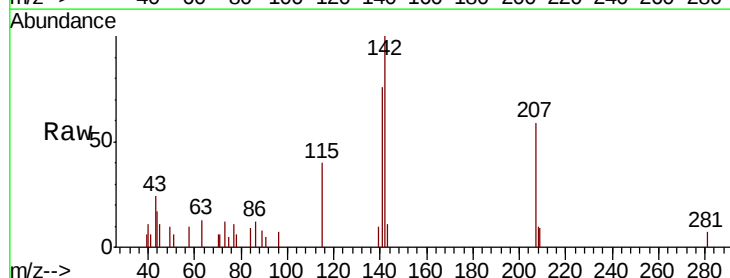


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BMC

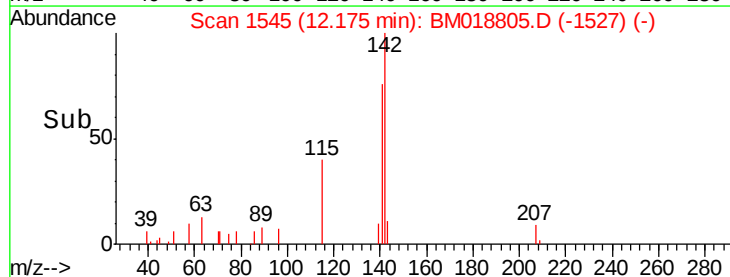
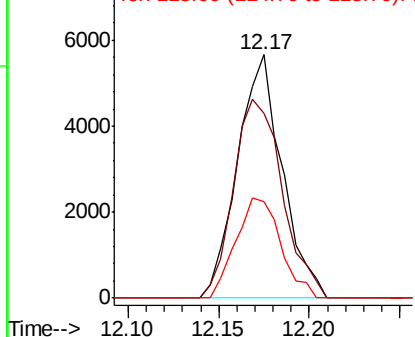


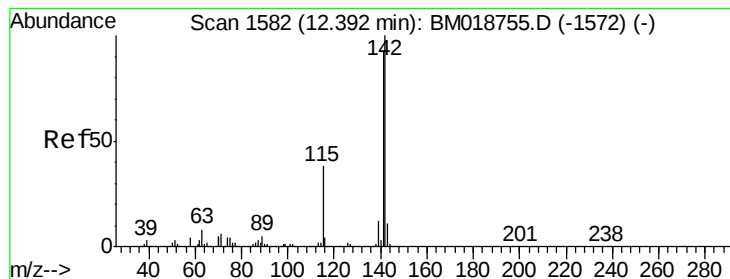
#37
2-Methylnaphthalene
Concen: 0.254 ng
RT: 12.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

Tgt Ion:142 Resp: 9664
Ion Ratio Lower Upper
142 100
141 76.0 71.2 106.8
115 39.6 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: 0.182 ng

RT: 12.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

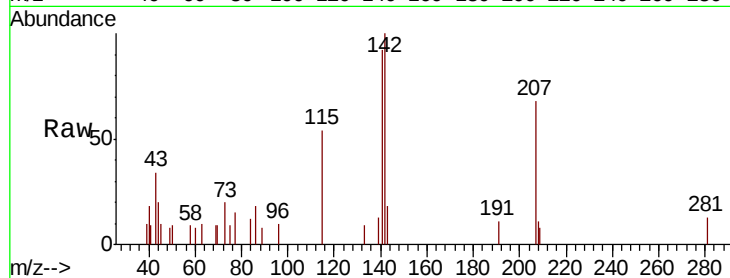
Tgt Ion:142 Resp: 6752

Ion Ratio Lower Upper

142 100

141 92.2 73.9 110.9

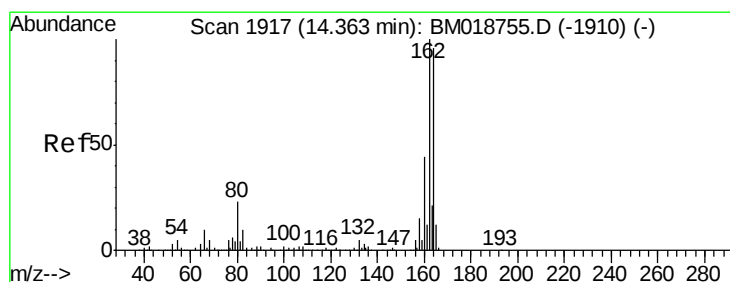
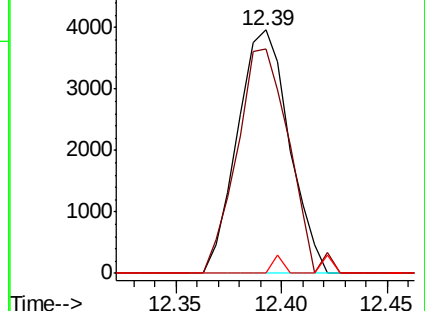
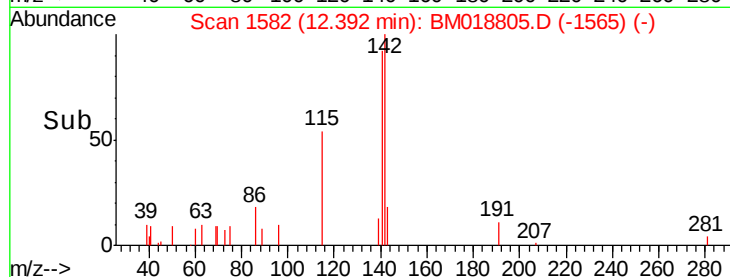
116 0.0 3.0 4.4#



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# 1916

Delta R.T. -0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

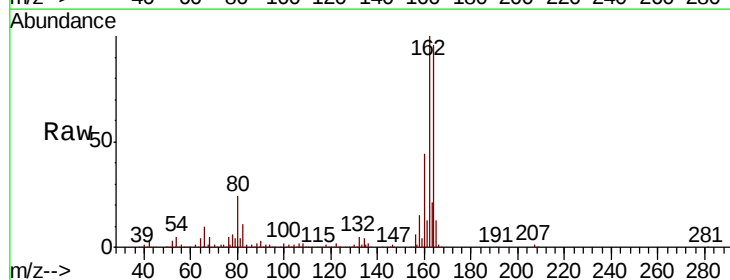
Tgt Ion:164 Resp: 624918

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.0

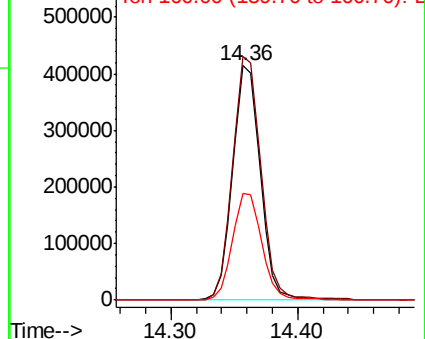
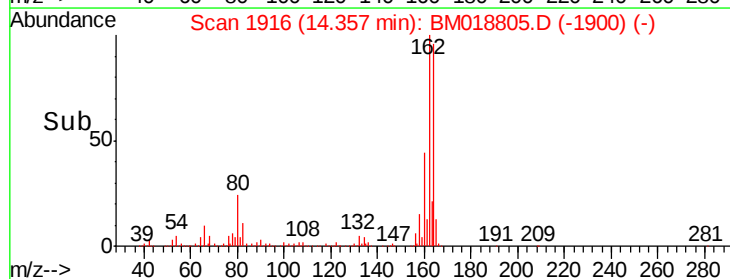
160 45.8 36.6 55.0

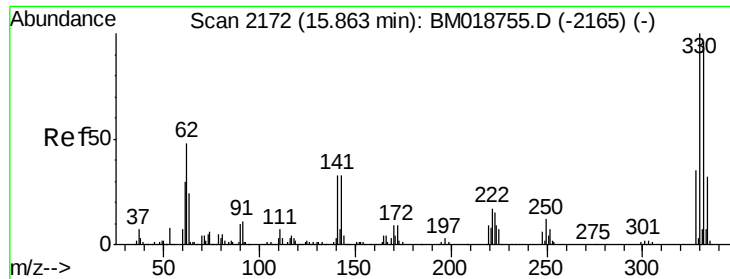


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

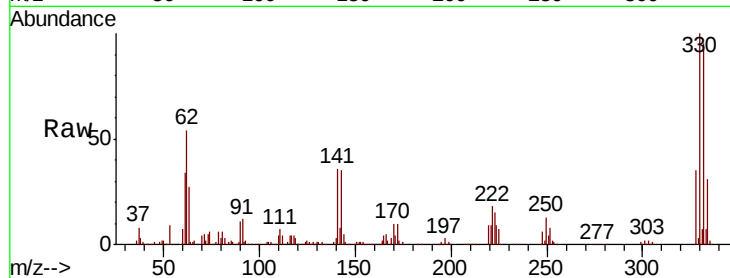




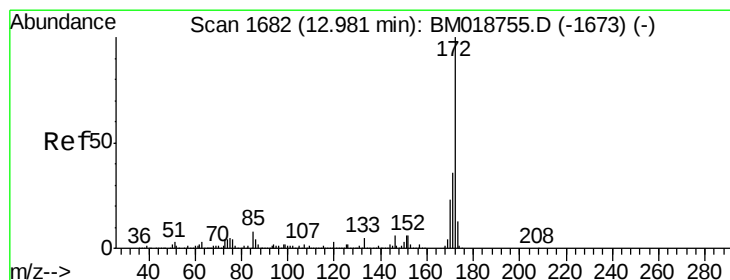
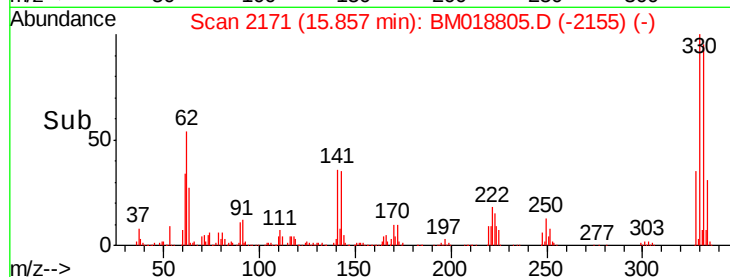
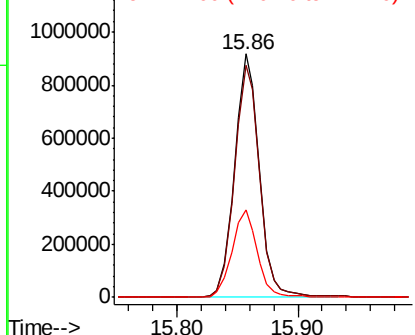
#42
 2,4,6-Tribromophenol
 Concen: 145.457 ng
 RT: 15.86 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018805.D
 Acq: 13 Feb 2019 17:08

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

Tgt Ion:330 Resp: 1310278
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 36.7 28.7 43.1

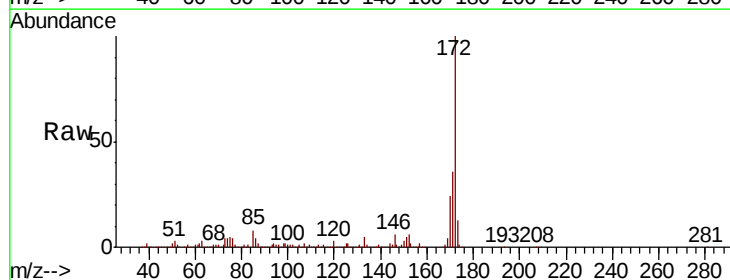


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

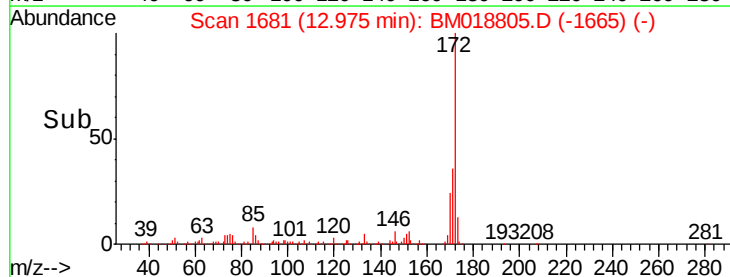
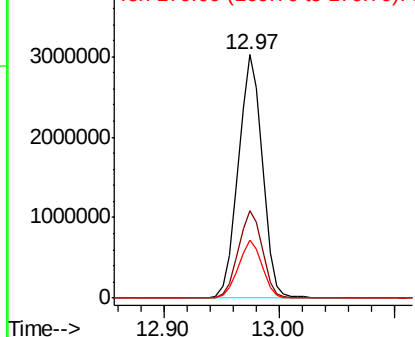


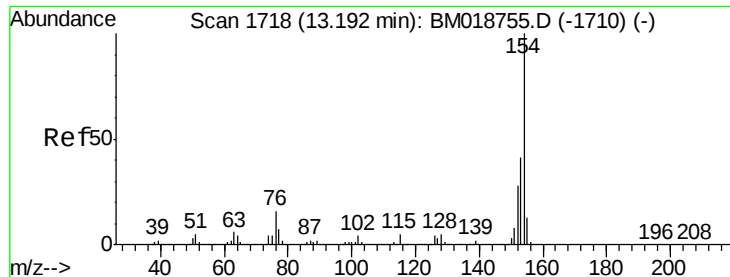
#45
 2-Fluorobiphenyl
 Concen: 93.036 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BM018805.D
 Acq: 13 Feb 2019 17:08

Tgt Ion:172 Resp: 4379749
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.6 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

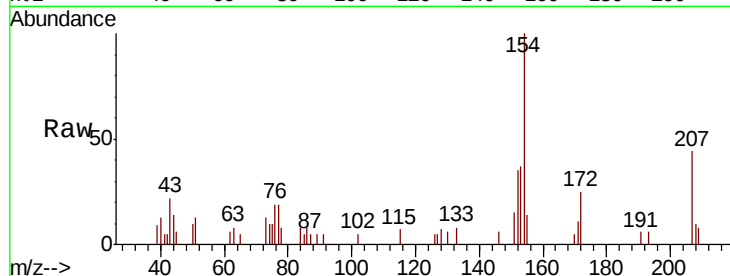




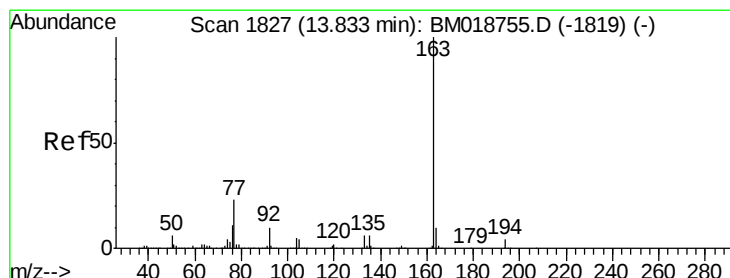
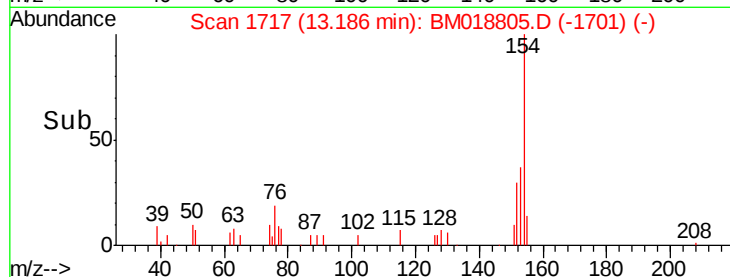
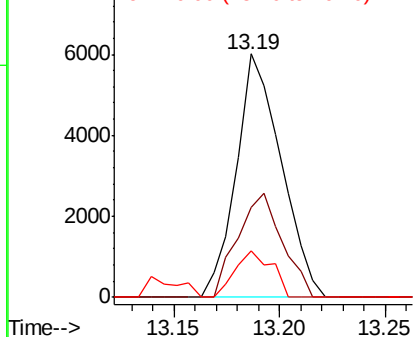
#46
 1,1'-Biphenyl
 Concen: 0.165 ng
 RT: 13.19 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM018805.D
 Acq: 13 Feb 2019 17:08

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

Tgt Ion	Ratio	Lower	Upper
154	100		
153	37.2	21.1	61.1
76	19.0	0.0	35.7

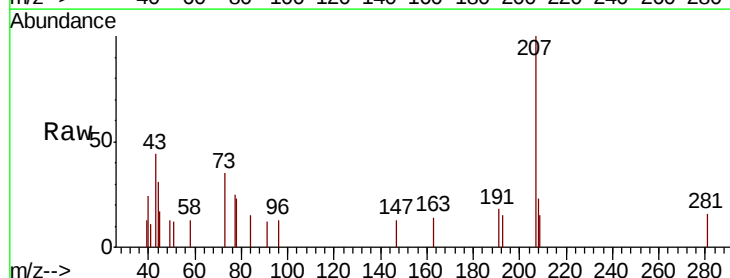


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

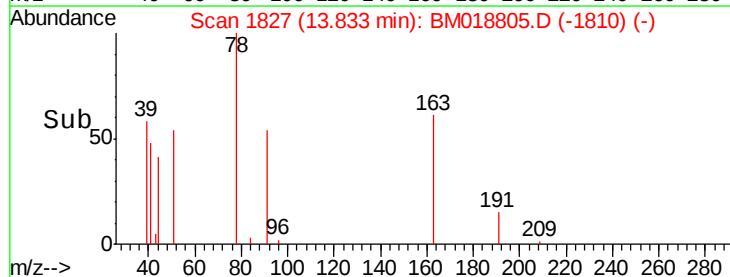
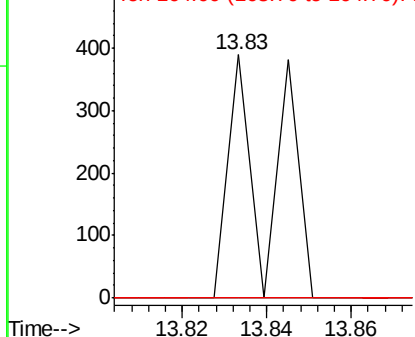


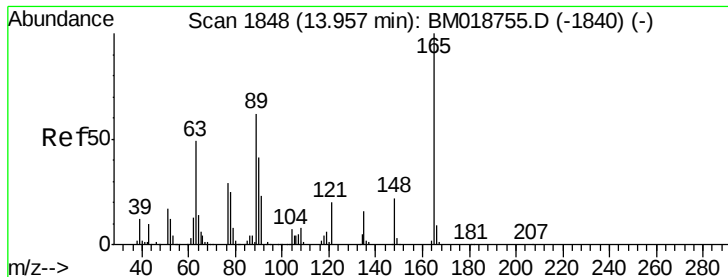
#50
 Dimethylphthalate
 Concen: 0.005 ng
 RT: 13.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BM018805.D
 Acq: 13 Feb 2019 17:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	0.0	7.8	11.8#



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.067 ng

RT: 13.88 min Scan# 1835

Delta R.T. -0.08 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

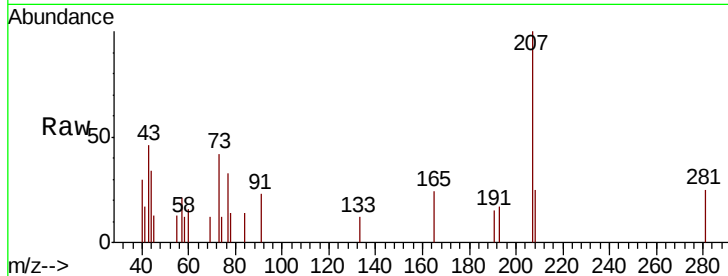
Tgt Ion:165 Resp: 761

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

89 0.0 49.4 74.0#



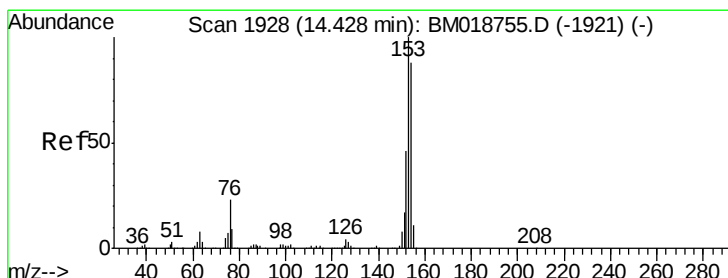
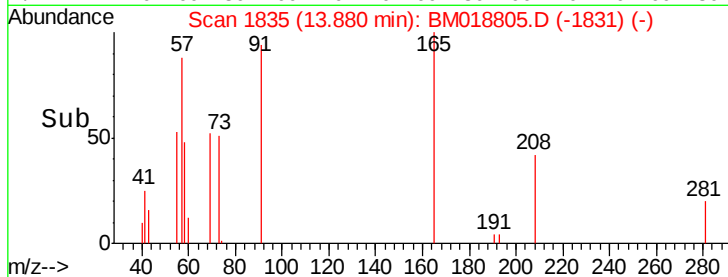
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

13.88

Time-->



#52

Acenaphthene

Concen: 0.045 ng

RT: 14.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

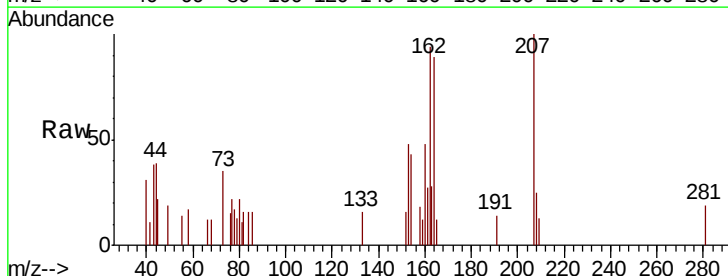
Tgt Ion:154 Resp: 1710

Ion Ratio Lower Upper

154 100

153 111.4 91.3 136.9

152 37.9 42.2 63.4#



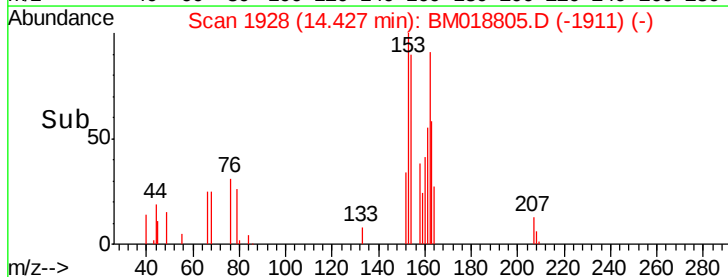
Abundance Ion 154.00 (153.70 to 154.70): E

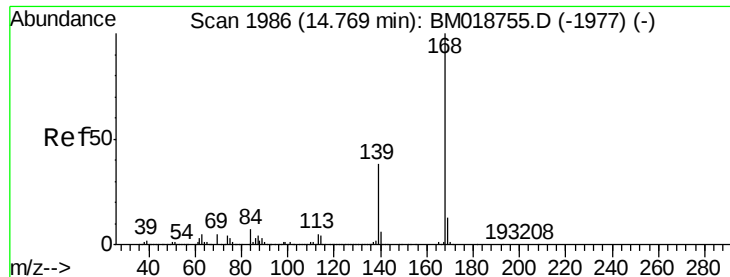
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.43

Time-->





#55

Dibenzofuran

Concen: 0.023 ng

RT: 14.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

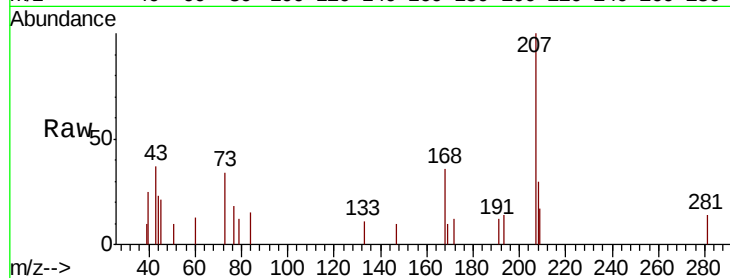
Tgt Ion:168 Resp: 1452

Ion Ratio Lower Upper

168 100

139 0.0 30.7 46.1#

169 28.7 10.3 15.5#

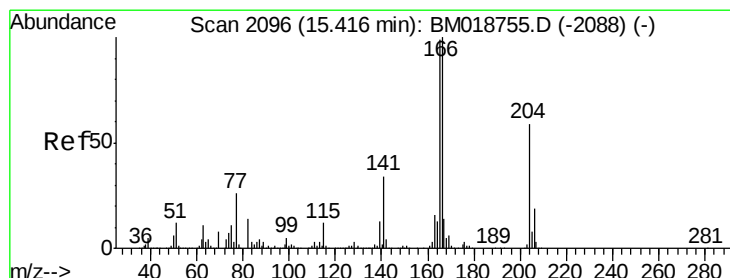
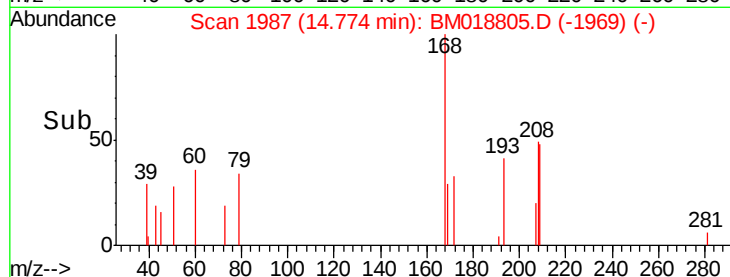
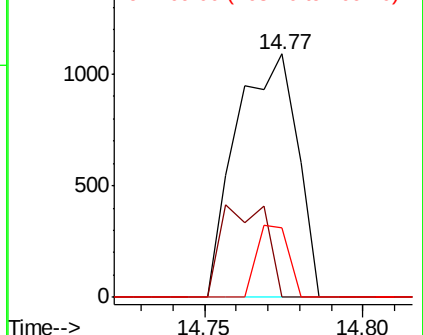


Abundance

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: 0.040 ng

RT: 15.41 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

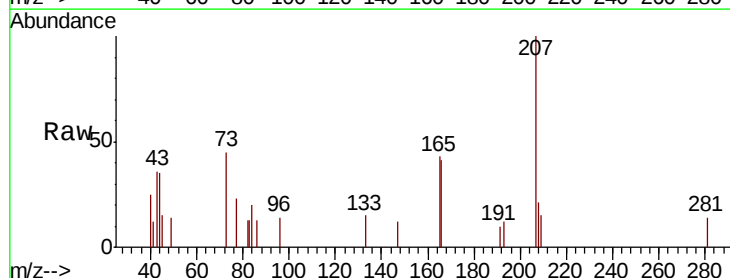
Tgt Ion:166 Resp: 1903

Ion Ratio Lower Upper

166 100

165 103.8 79.1 118.7

167 0.0 11.0 16.4#

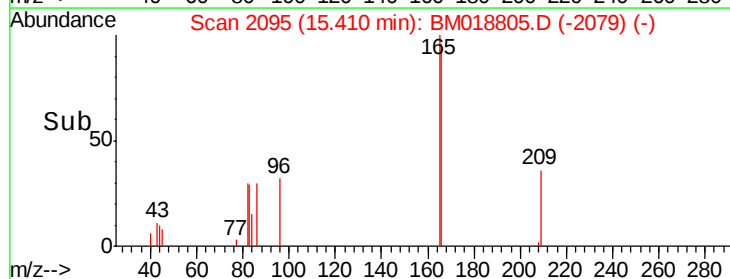
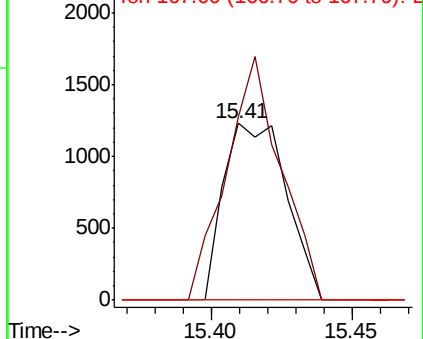


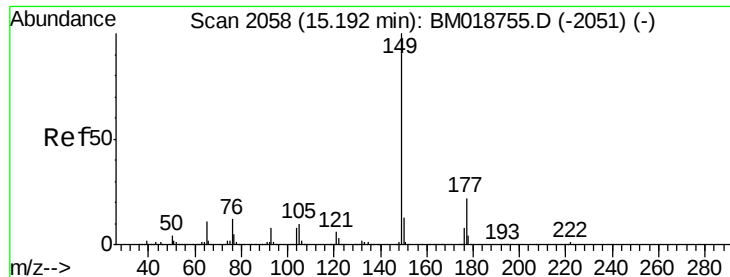
Abundance

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: 0.126 ng

RT: 15.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

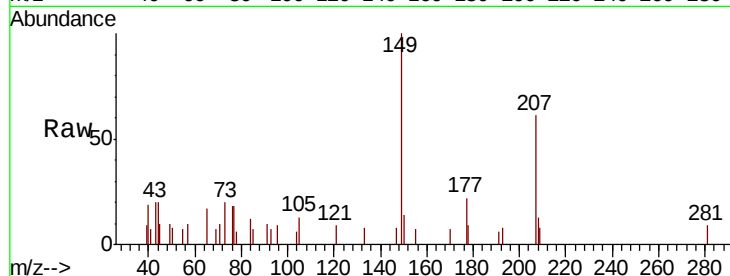
Tgt Ion: 149 Resp: 6748

Ion Ratio Lower Upper

149 100

177 22.5 17.2 25.8

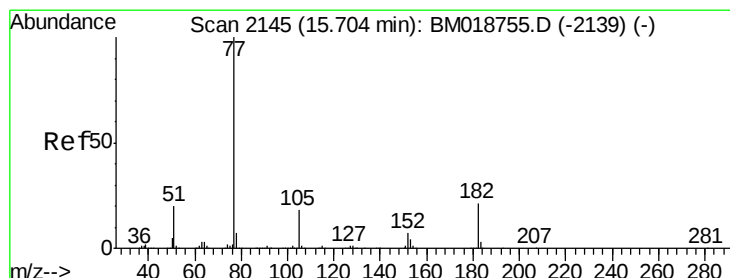
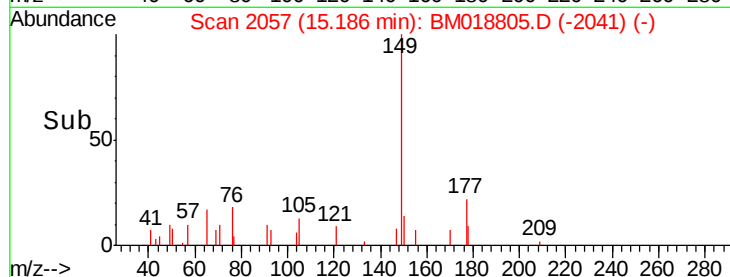
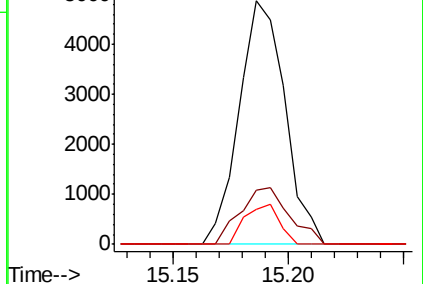
150 14.3 10.2 15.2



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: 0.006 ng

RT: 15.67 min Scan# 2140

Delta R.T. -0.03 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Tgt Ion: 77 Resp: 333

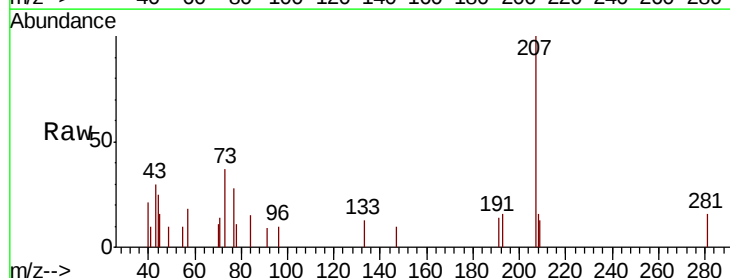
Ion Ratio Lower Upper

77 100

182 0.0 1.0 41.0#

105 0.0 0.0 37.7

51 0.0 0.3 40.3#

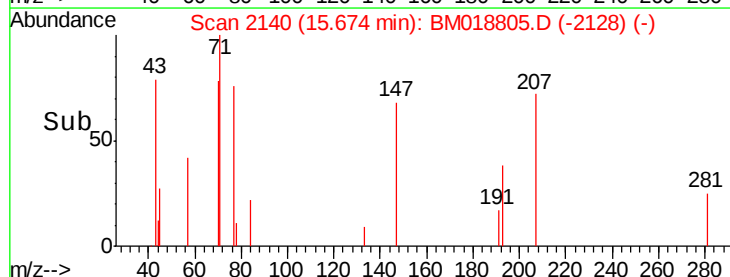
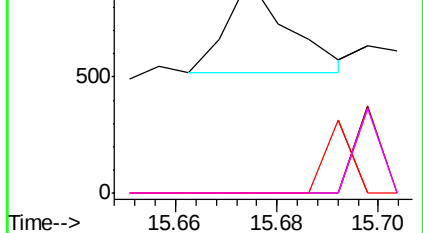


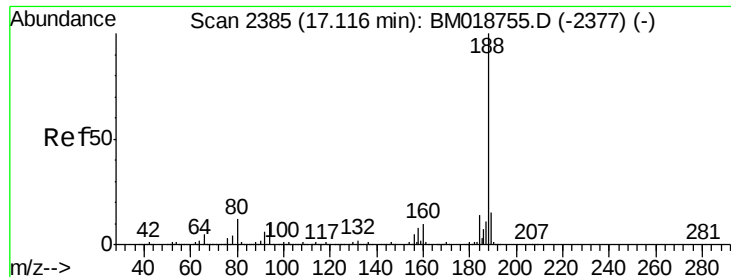
Abundance Ion 77.00 (76.70 to 77.70): BM0

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

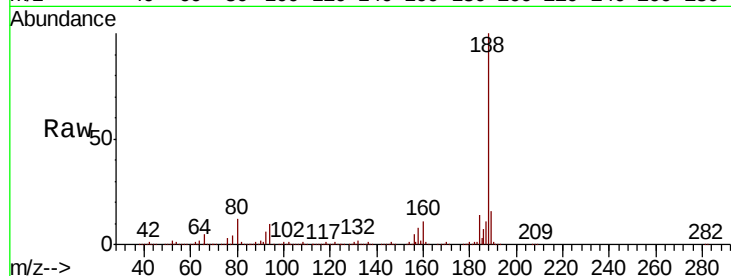




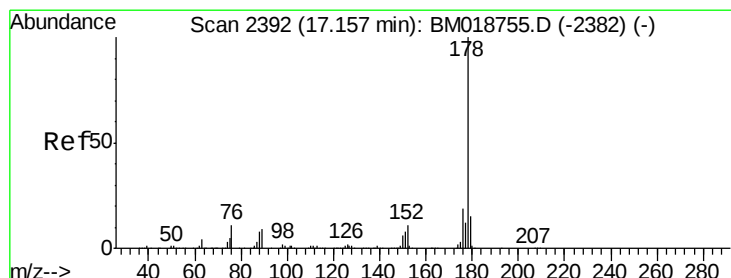
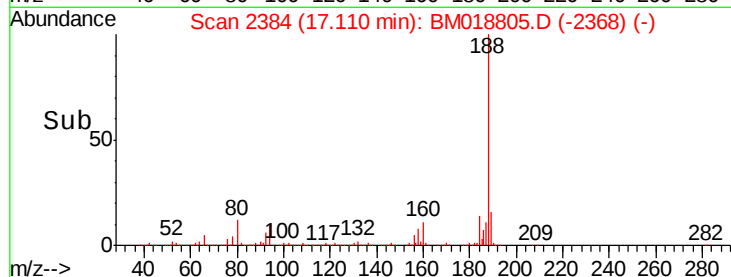
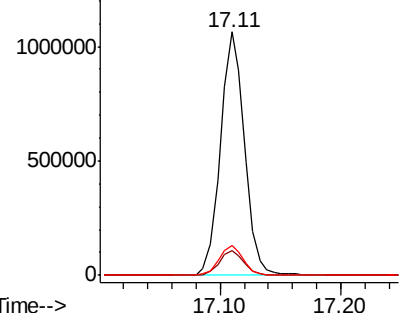
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

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

Tgt Ion:188 Resp: 1479710
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.4 9.7 14.5

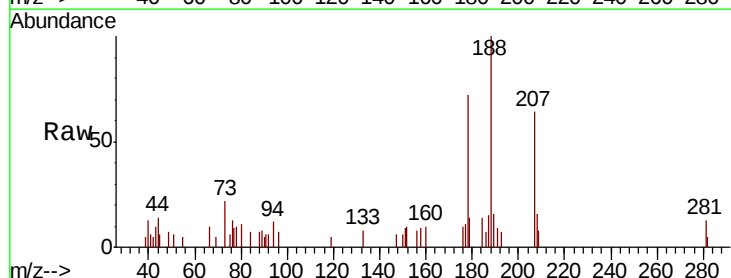


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

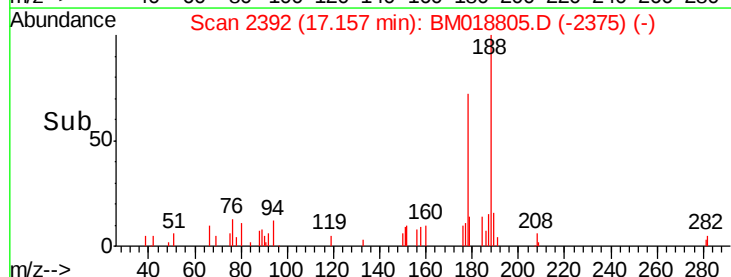
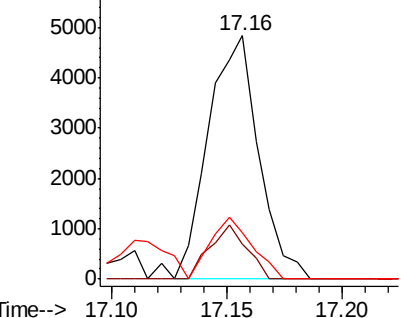


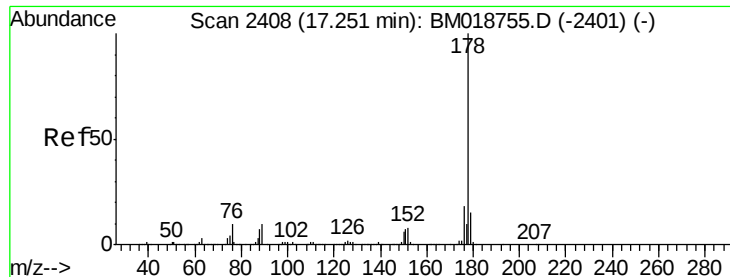
#71
Phenanthrene
Concen: 0.092 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

Tgt Ion:178 Resp: 7343
Ion Ratio Lower Upper
178 100
176 14.4 15.4 23.0#
179 19.3 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: 0.012 ng

RT: 17.24 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

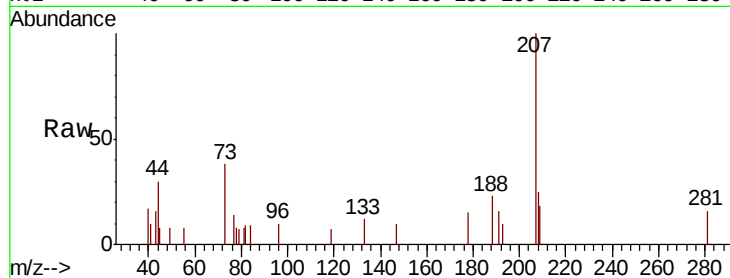
Tgt Ion:178 Resp: 931

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

17.24

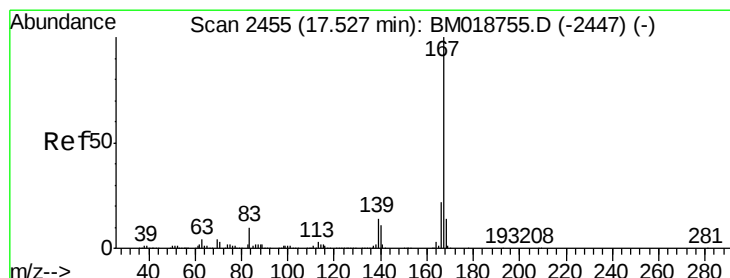
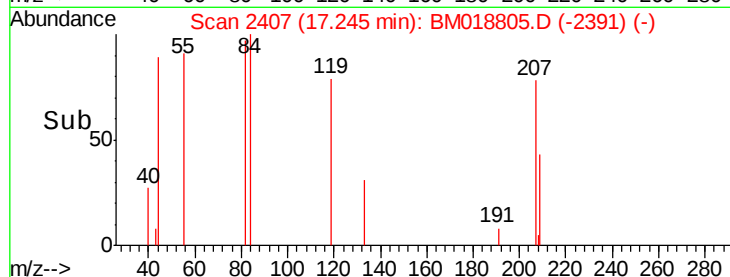
600

400

200

0

Time--> 17.20 17.25



#73

Carbazole

Concen: 0.025 ng

RT: 17.53 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

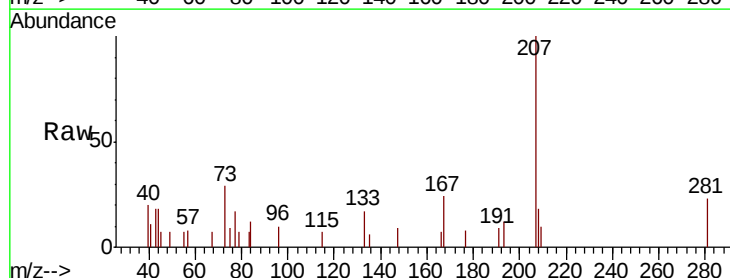
Tgt Ion:167 Resp: 2009

Ion Ratio Lower Upper

167 100

166 28.9 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

17.53

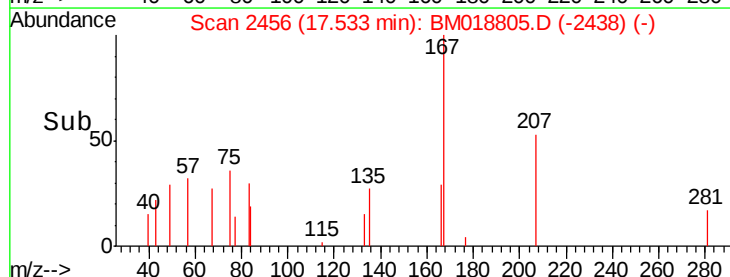
1500

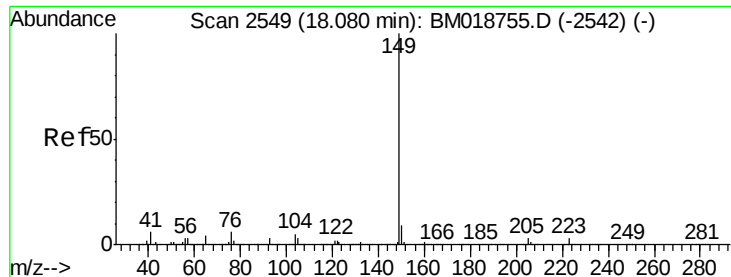
1000

500

0

Time--> 17.50 17.55

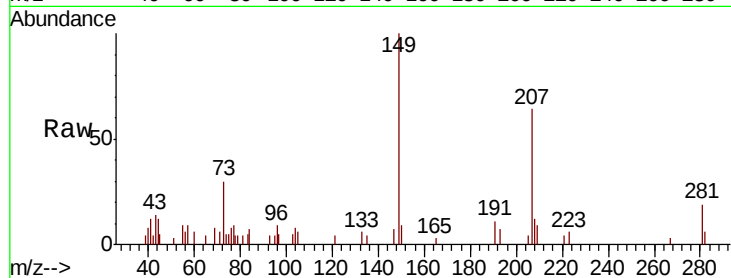




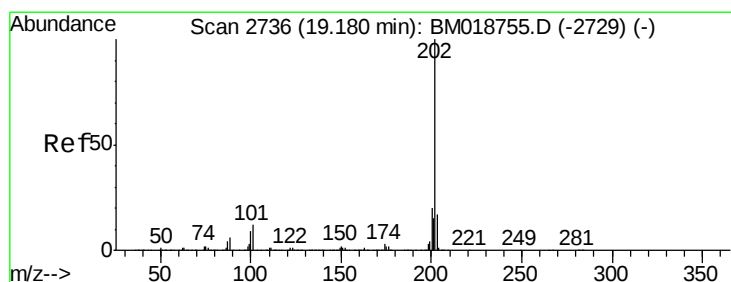
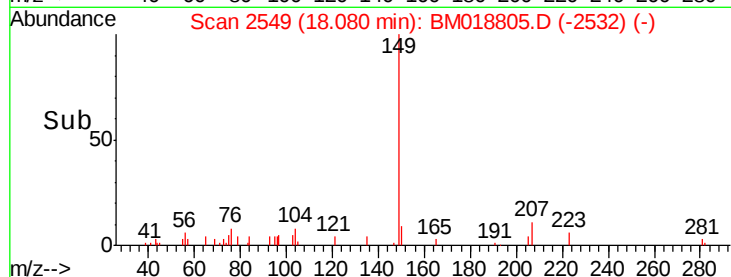
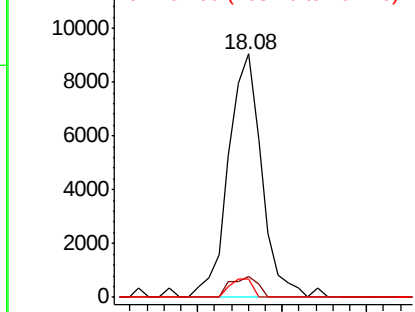
#74
Di-n-butylphthalate
Concen: 0.134 ng
RT: 18.08 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

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

Tgt Ion:149 Resp: 12438
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 7.6 4.3 6.5#

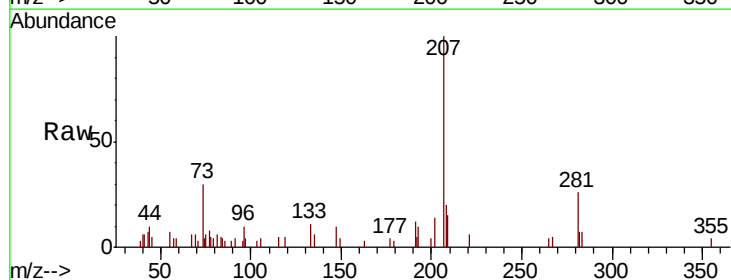


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

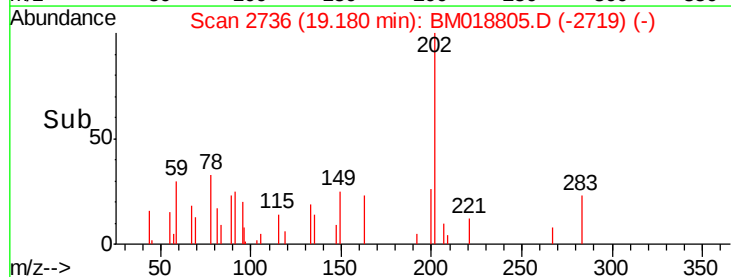
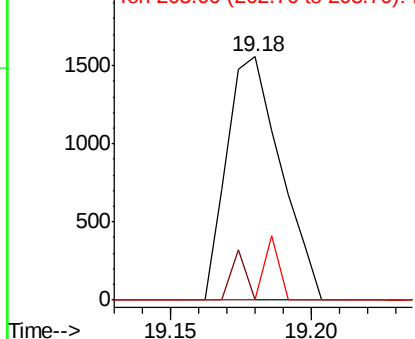


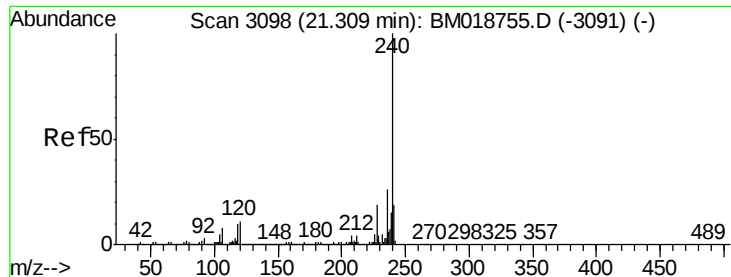
#75
Fluoranthene
Concen: 0.022 ng
RT: 19.18 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

Tgt Ion:202 Resp: 2061
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

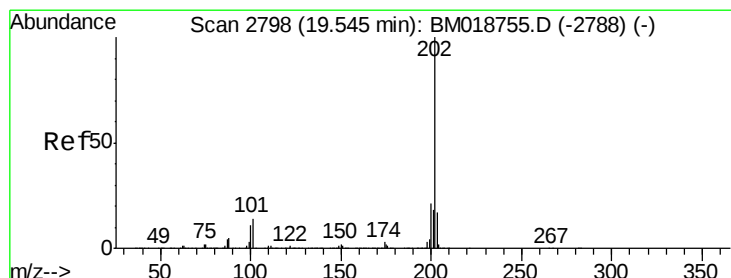
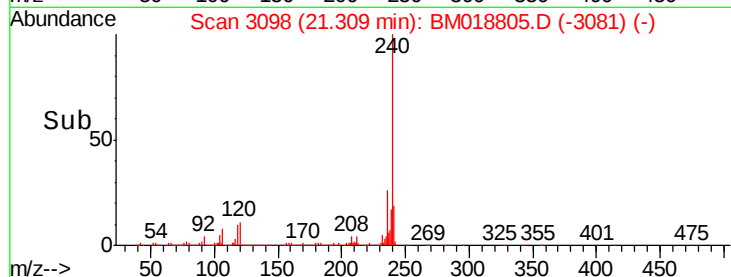
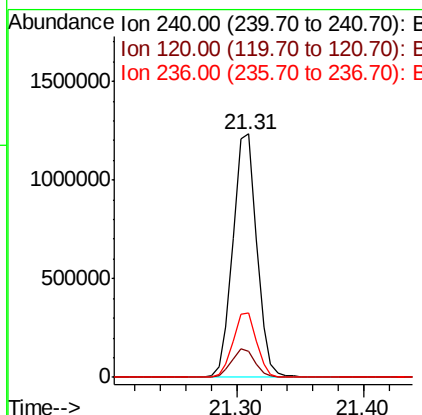
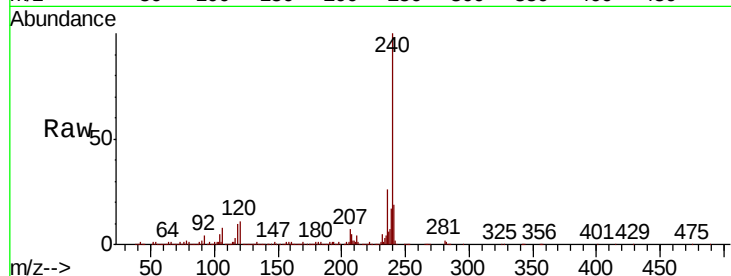




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

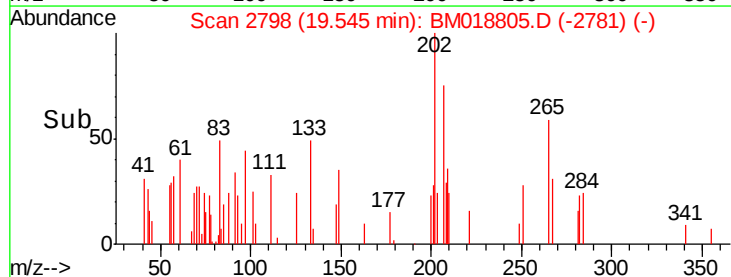
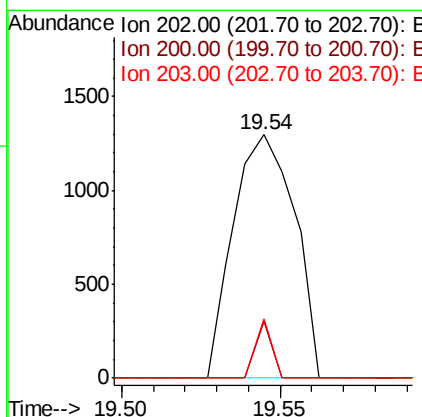
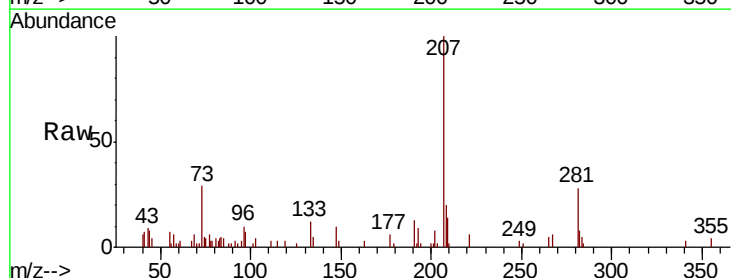
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-L

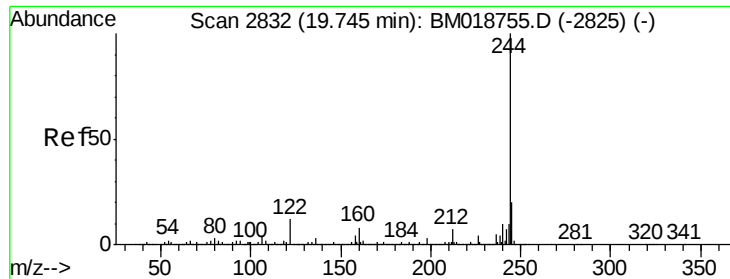
Tgt Ion:240 Resp: 1603057
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.4 20.9 31.3



#78
Pyrene
Concen: 0.019 ng
RT: 19.54 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

Tgt Ion:202 Resp: 1737
Ion Ratio Lower Upper
202 100
200 23.2 16.9 25.3
203 24.4 13.8 20.8#





#79

Terphenyl-d14

Concen: 101.404 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

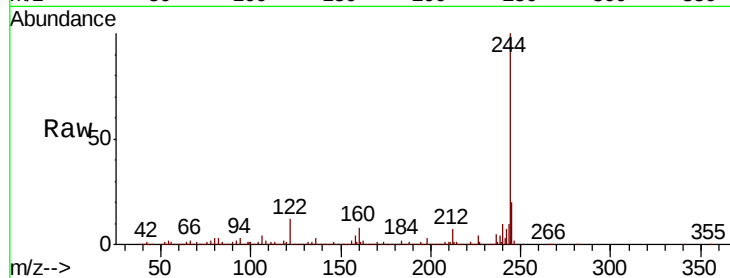
Tgt Ion:244 Resp: 7879973

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

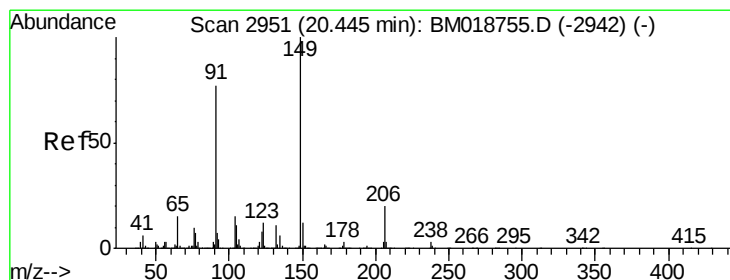
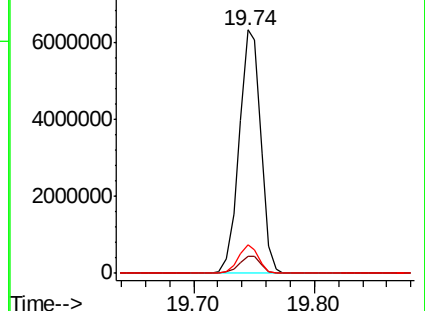
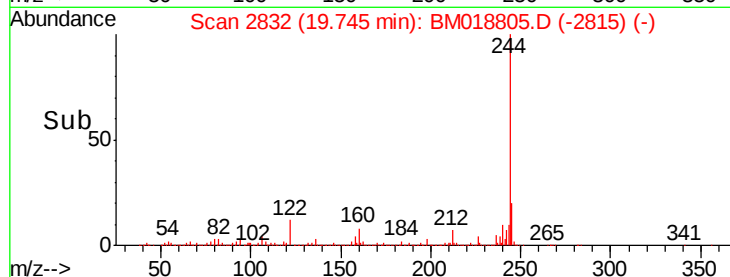
122 11.8 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.060 ng

RT: 20.44 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

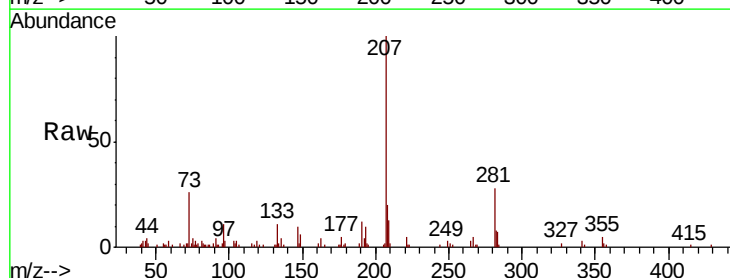
Tgt Ion:149 Resp: 2532

Ion Ratio Lower Upper

149 100

91 61.6 61.4 92.0

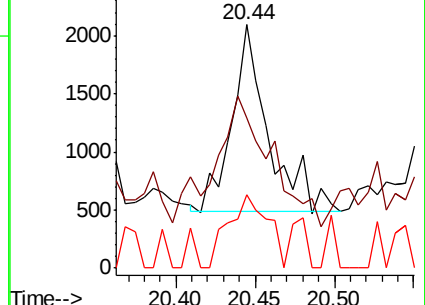
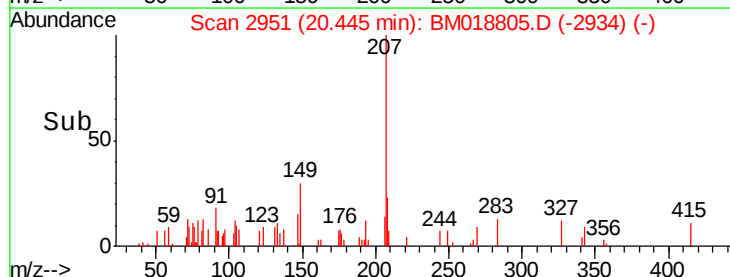
206 30.1 15.8 23.8#

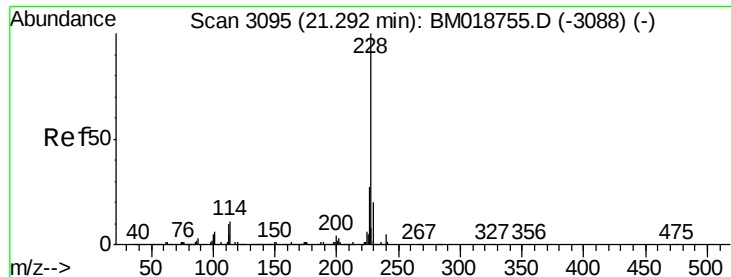


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.055 ng

RT: 21.30 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

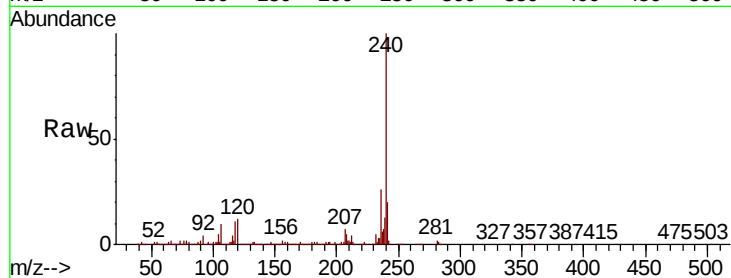
Tgt Ion:228 Resp: 5103

Ion Ratio Lower Upper

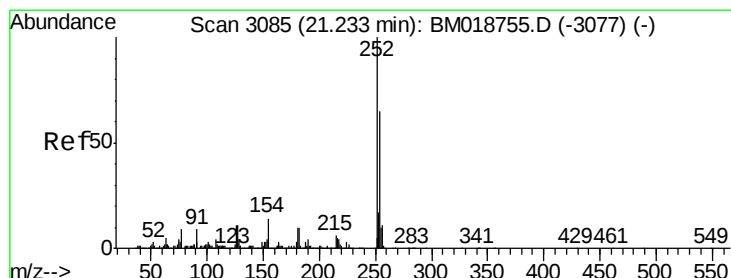
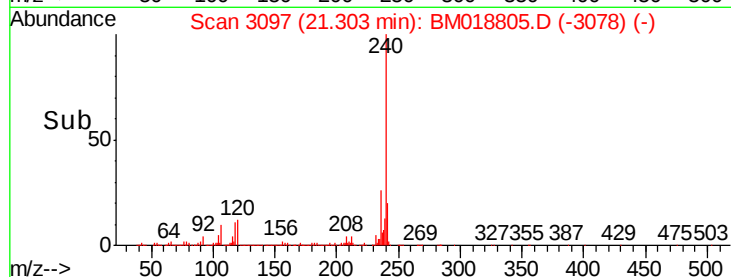
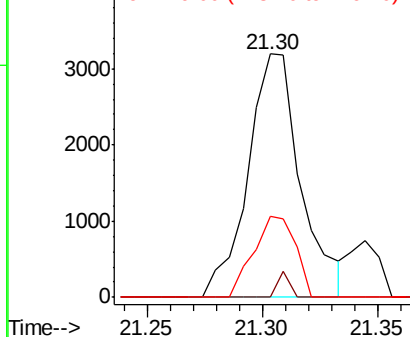
228 100

226 0.0 21.9 32.9#

229 33.3 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: 0.016 ng

RT: 21.24 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

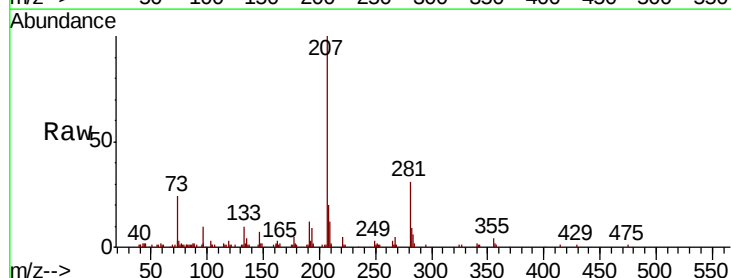
Tgt Ion:252 Resp: 590

Ion Ratio Lower Upper

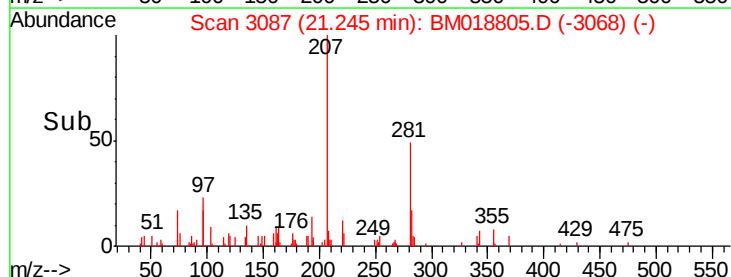
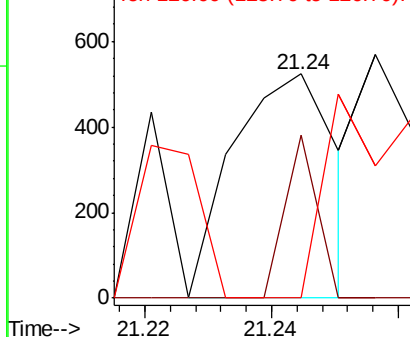
252 100

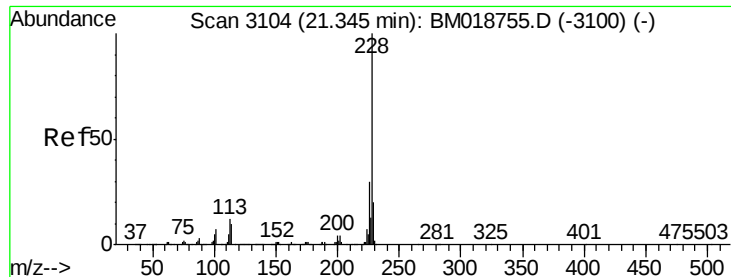
254 72.5 51.8 77.8

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# 3104

Delta R.T. -0.00 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

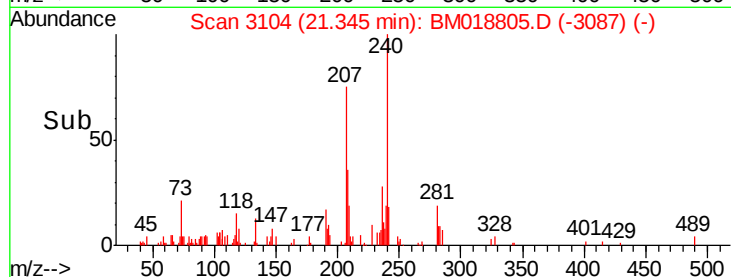
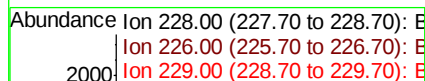
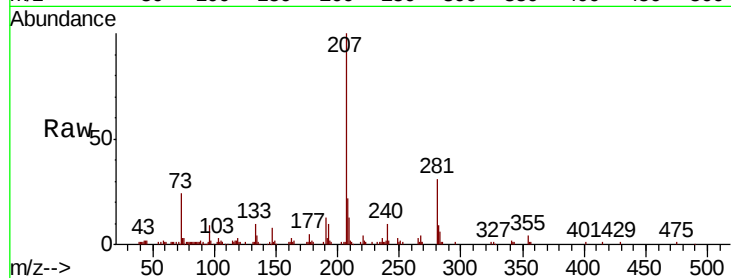
Tgt Ion: 228 Resp: 655

Ion Ratio Lower Upper

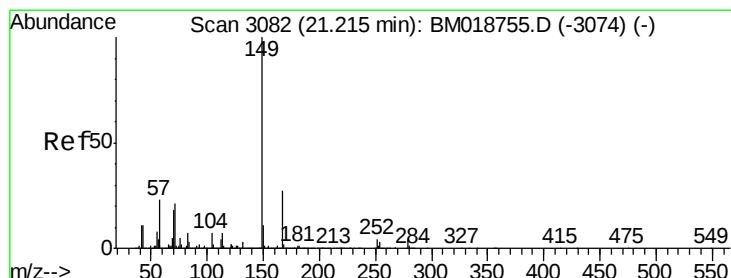
228 100

226 0.0 24.1 36.1#

229 0.0 16.0 24.0#



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.055 ng

RT: 21.22 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

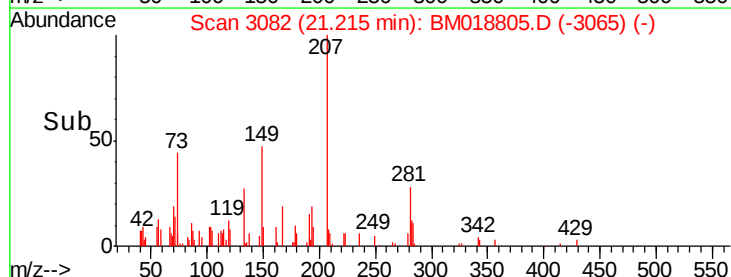
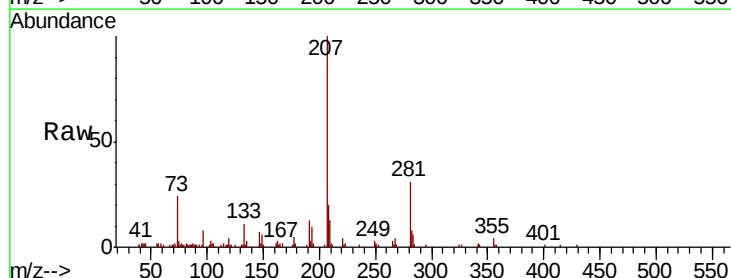
Tgt Ion: 149 Resp: 3444

Ion Ratio Lower Upper

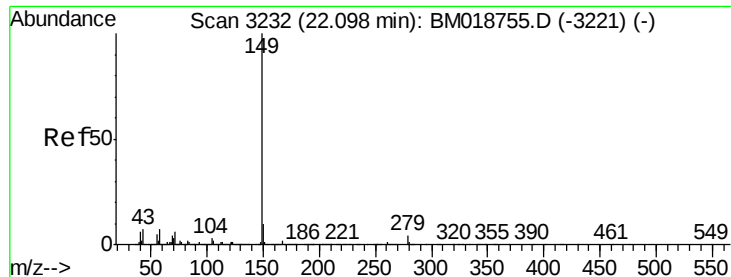
149 100

167 27.1 21.8 32.6

279 8.3 3.6 5.4#



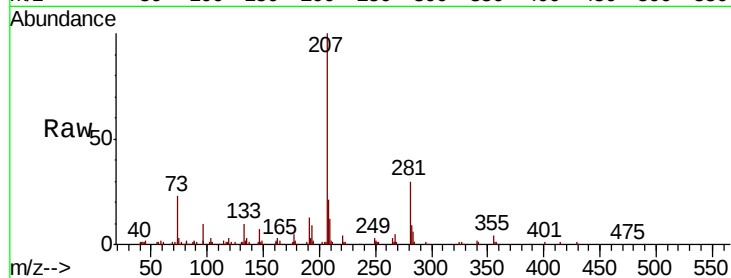
Time-->



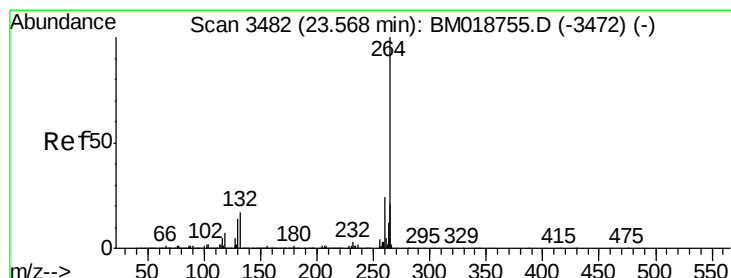
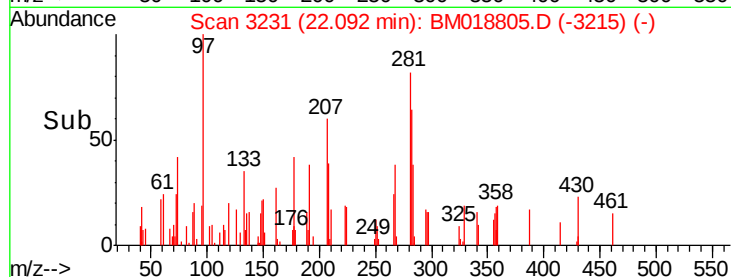
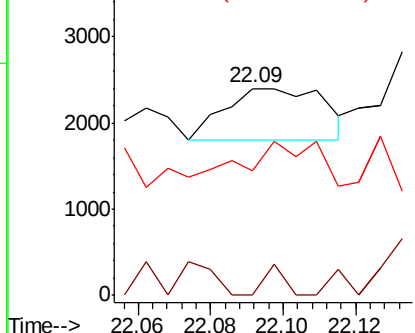
#85
Di-n-octyl phthalate
Concen: 0.011 ng
RT: 22.09 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

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

Tgt Ion:149 Resp: 1155
Ion Ratio Lower Upper
149 100
167 11.3 1.3 1.9#
43 63.2 6.0 9.0#

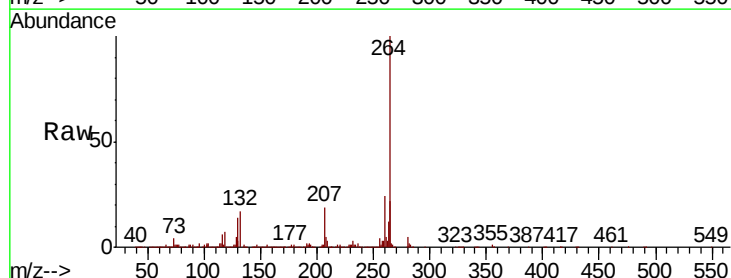


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM0

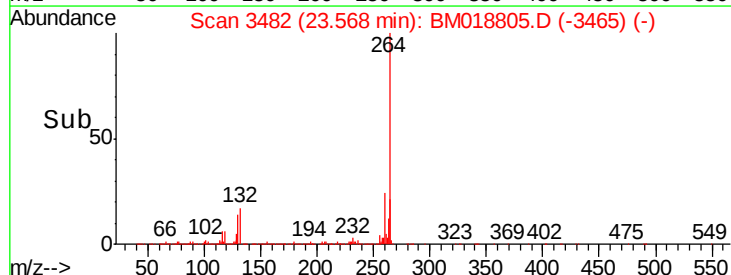
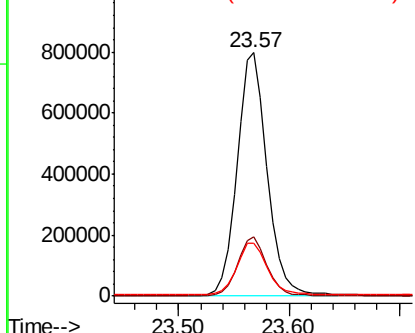


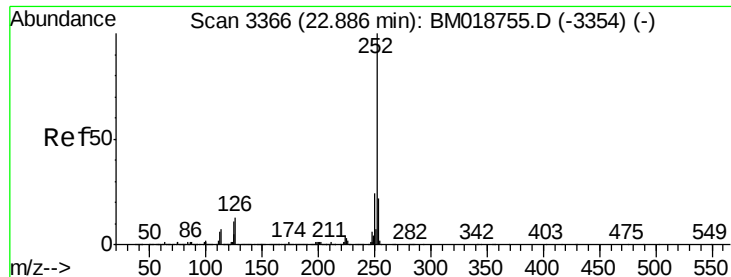
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BM018805.D
Acq: 13 Feb 2019 17:08

Tgt Ion:264 Resp: 1525632
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 21.7 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: 0.007 ng

RT: 22.90 min Scan# 3368

Delta R.T. 0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

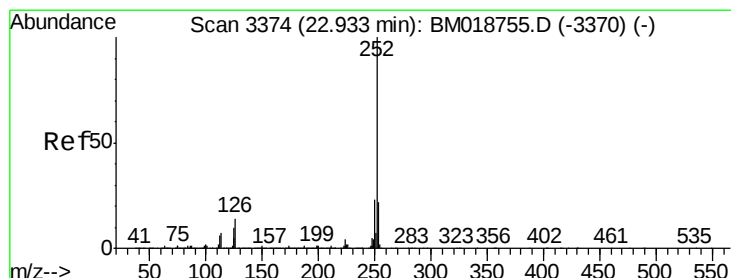
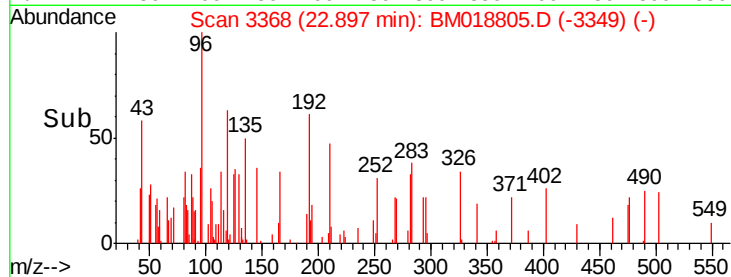
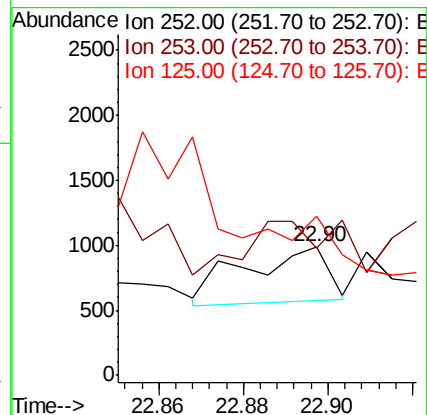
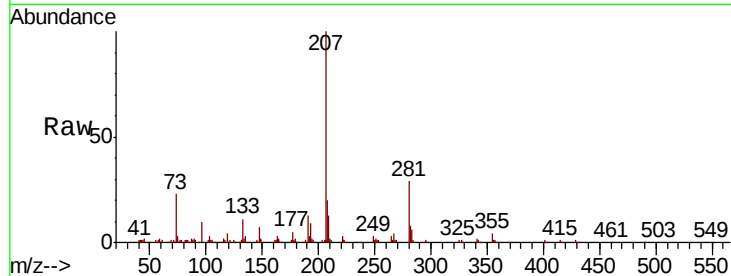
Tgt Ion:252 Resp: 576

Ion Ratio Lower Upper

252 100

253 99.4 17.8 26.6#

125 124.1 8.6 12.8#



#89

Benzo(k)fluoranthene

Concen: 0.007 ng

RT: 22.94 min Scan# 3375

Delta R.T. 0.01 min

Lab File: BM018805.D

Acq: 13 Feb 2019 17:08

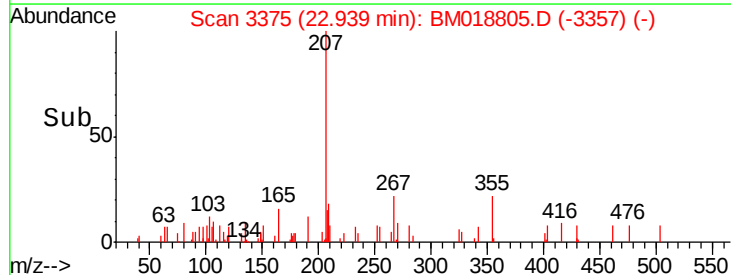
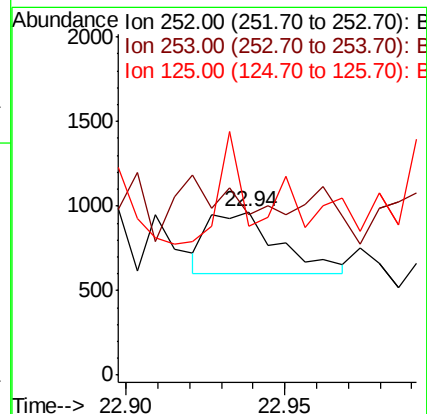
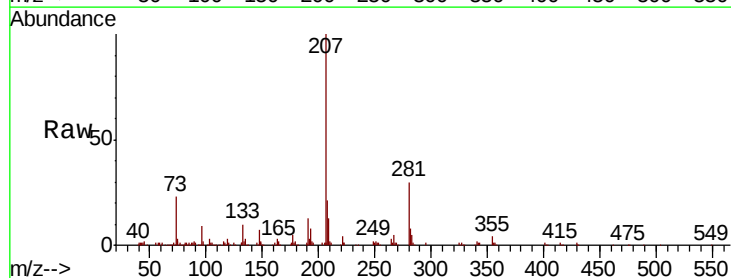
Tgt Ion:252 Resp: 567

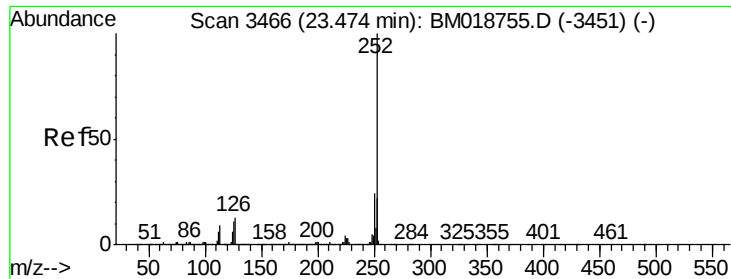
Ion Ratio Lower Upper

252 100

253 98.0 17.7 26.5#

125 91.4 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: BM018805.D

Acq: 13 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-L

Tgt Ion: 252 Resp: 372

Ion Ratio Lower Upper

252 100

253 109.5 17.4 26.0#

125 148.6 8.6 13.0#

