

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021319\
 Data File : BM018808.D
 Acq On : 13 Feb 2019 18:58
 Operator : JU/SJ
 Sample : K1343-30
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 14 00:51:23 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	313755	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1235652	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	687514	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1629310	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1704765	20.00	ng	0.00
87) Perylene-d12	23.56	264	1565354	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2604801	136.03	ng	0.00
7) Phenol-d6	6.89	99	3168292	117.45	ng	0.00
23) Nitrobenzene-d5	8.88	82	2620730	98.07	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1509325	152.30	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5087488	98.23	ng	0.00
79) Terphenyl-d14	19.75	244	8896512	107.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	722	0.087	ng	# 28
3) Pyridine	3.64	79	340	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	757	0.131	ng	# 1
8) 2-Chlorophenol	7.27	128	555	0.026	ng	# 1
9) Benzaldehyde	6.89	77	6946	Below Cal		# 7
10) Phenol	6.91	94	615	0.022	ng	# 1
15) Benzyl Alcohol	8.03	79	36464	1.701	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	8.27	45	431	0.021	ng	# 54
18) Hexachloroethane	8.81	117	903	0.103	ng	# 19
22) Acetophenone	8.55	105	2291	0.068	ng	# 79
24) Nitrobenzene	8.96	77	352	0.013	ng	# 44
25) Isophorone	9.42	82	418	0.010	ng	# 68
31) Naphthalene	10.55	128	13833	0.230	ng	# 97
37) 2-Methylnaphthalene	12.17	142	4832	0.114	ng	# 91
38) 1-Methylnaphthalene	12.39	142	3246	0.078	ng	# 99
46) 1,1'-Biphenyl	13.19	154	9318	0.157	ng	# 88
52) Acenaphthene	14.42	154	1586	0.038	ng	# 70
55) Dibenzofuran	14.77	168	1496	0.022	ng	# 77
58) Fluorene	15.42	166	2112	0.040	ng	# 84
60) Diethylphthalate	15.19	149	2199	0.037	ng	# 71
63) Azobenzene	15.68	77	465	0.007	ng	# 57
71) Phenanthrene	17.16	178	6899	0.079	ng	# 96
72) Anthracene	17.26	178	997	0.012	ng	# 61
73) Carbazole	17.54	167	1776	0.020	ng	# 47
74) Di-n-butylphthalate	18.08	149	3362	0.033	ng	# 78
75) Fluoranthene	19.18	202	1828	0.018	ng	# 64
78) Pyrene	19.55	202	1479	0.015	ng	# 57
80) Butylbenzylphthalate	20.44	149	1510	0.033	ng	# 89
81) Benzo(a)anthracene	21.30	228	5448	0.055	ng	# 72
82) 3,3'-Dichlorobenzidine	21.23	252	274	0.007	ng	# 26
83) Chrysene	21.30	228	5448	0.057	ng	# 70
84) Bis(2-ethylhexyl)phthalate	21.21	149	2003	0.030	ng	# 83
85) Di-n-octyl phthalate	22.10	149	791	0.007	ng	# 1
88) Benzo(b)fluoranthene	22.89	252	718	0.008	ng	# 1

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QLast Update : Mon Feb 11 16:02:12 2019
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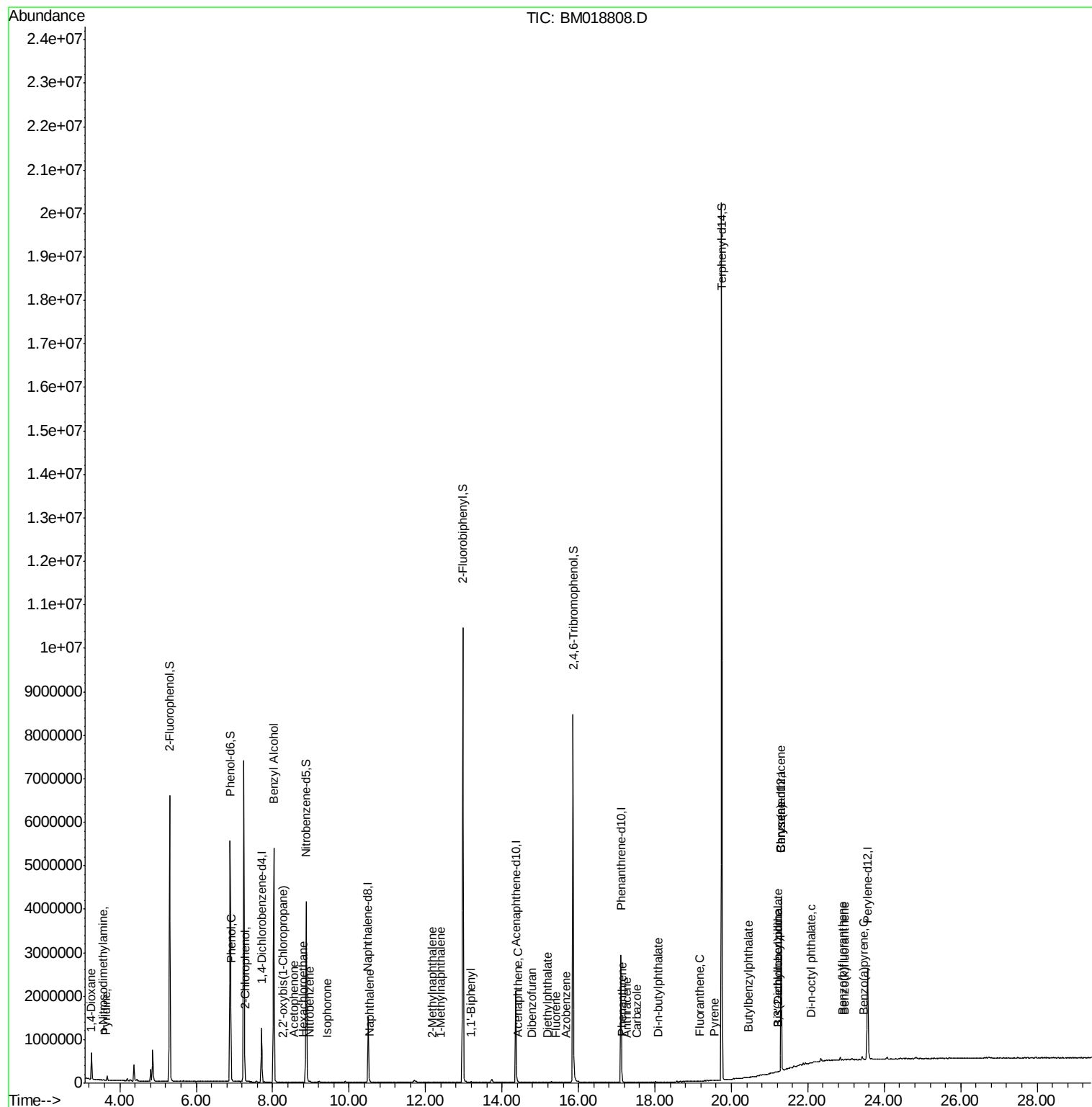
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	22.96	252	149	0.002	ng	# 1
90) Benzo(a)pyrene	23.46	252	333	0.004	ng	# 1

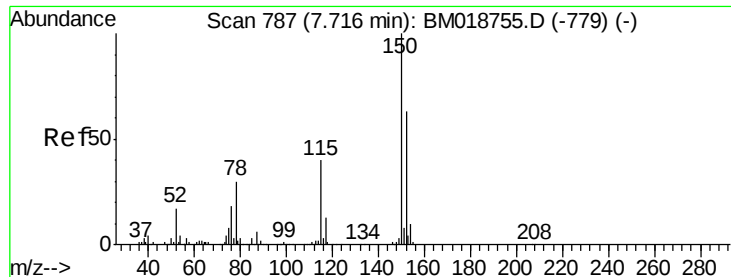
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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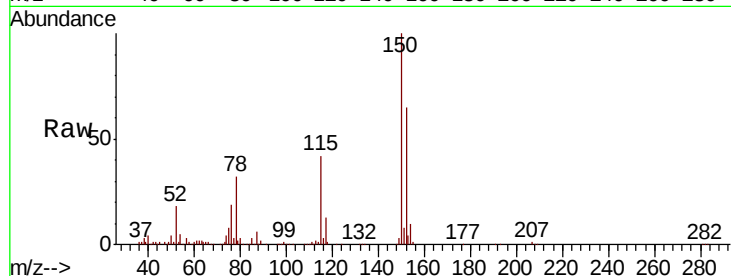


#1

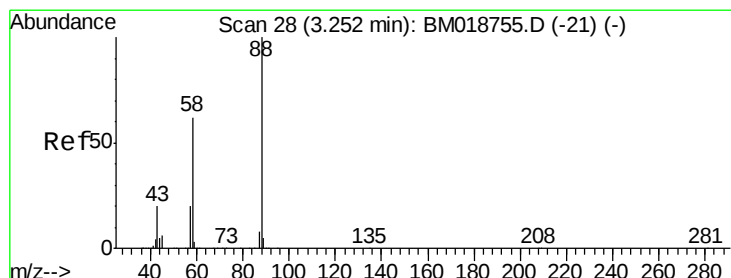
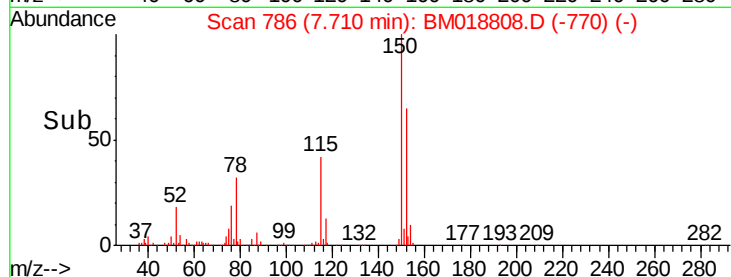
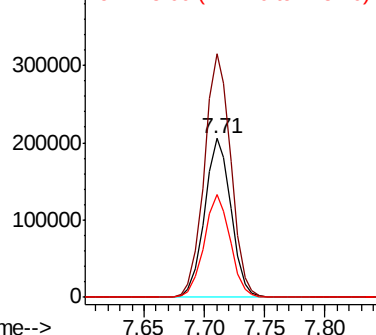
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

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

Tgt Ion: 152 Resp: 313755
Ion Ratio Lower Upper
152 100
150 153.4 127.3 190.9
115 65.1 50.8 76.2



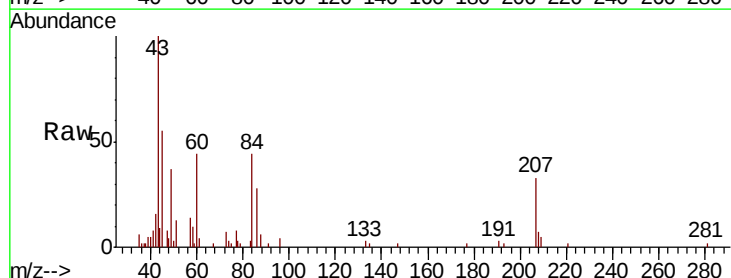
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



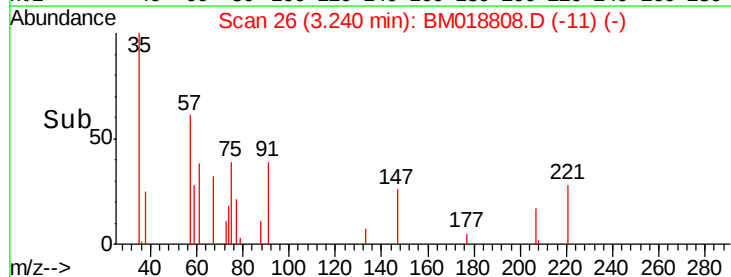
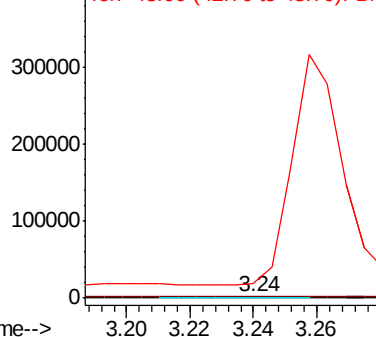
#2

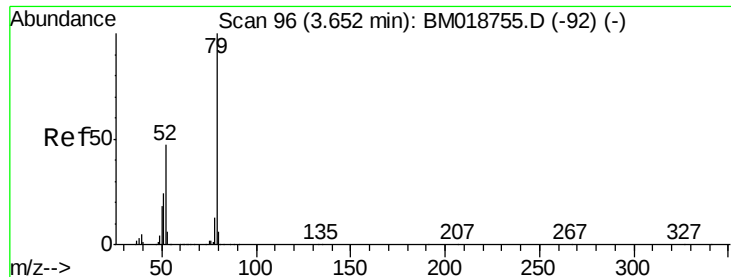
1,4-Dioxane
Concen: 0.087 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

Tgt Ion: 88 Resp: 722
Ion Ratio Lower Upper
88 100
58 0.0 49.8 74.6#
43 0.0 16.7 25.1#



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





#3

Pyridine

Concen: 0.015 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-O

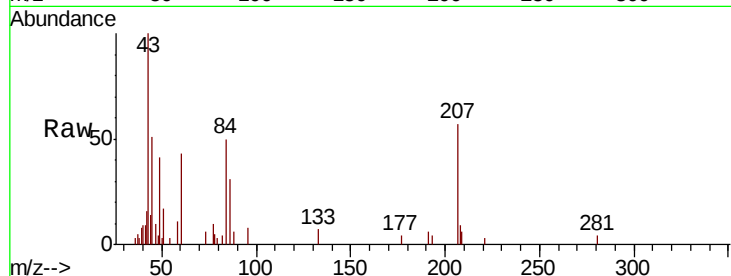
Tgt Ion: 79 Resp: 340

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

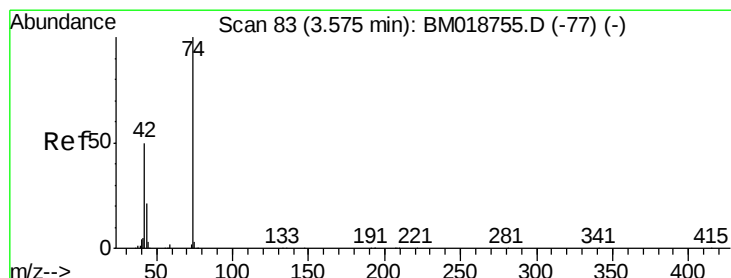
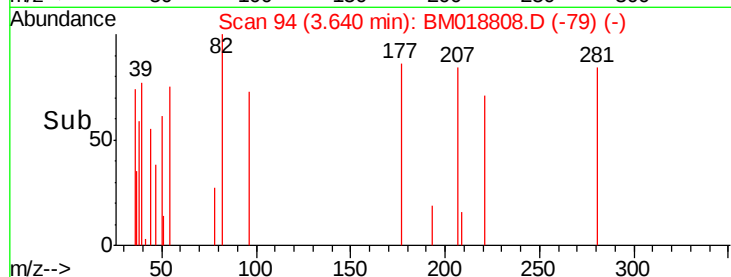
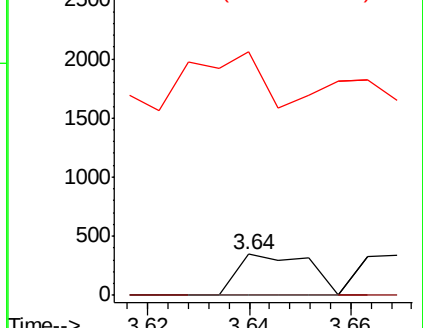
51 596.8 19.7 29.5#



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: 0.131 ng

RT: 3.56 min Scan# 81

Delta R.T. -0.01 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

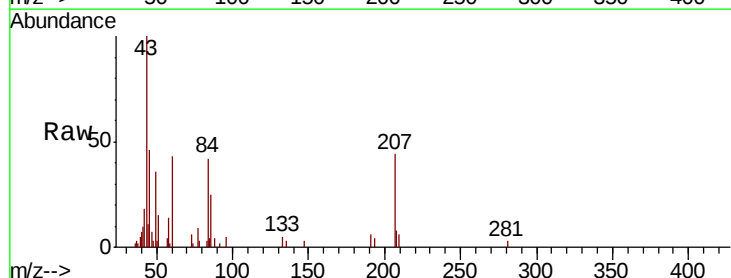
Tgt Ion: 42 Resp: 757

Ion Ratio Lower Upper

42 100

74 12.0 158.1 237.1#

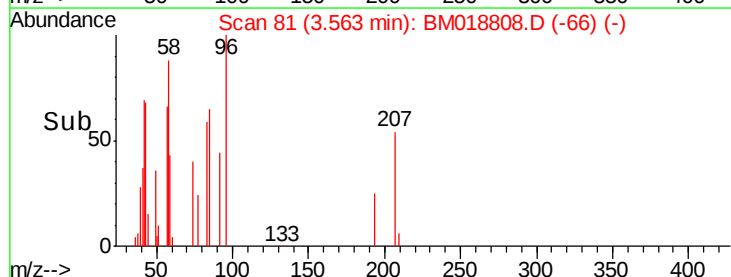
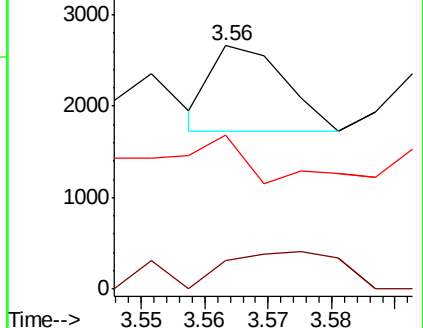
44 63.1 4.9 7.3#

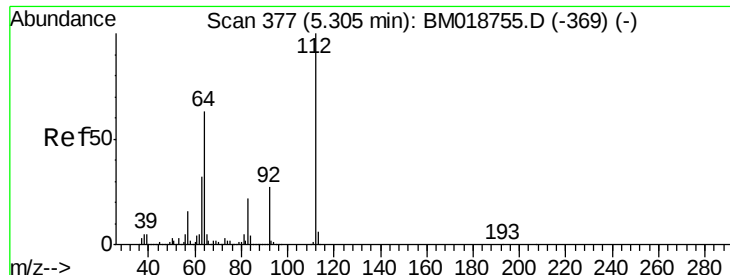


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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: 136.026 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

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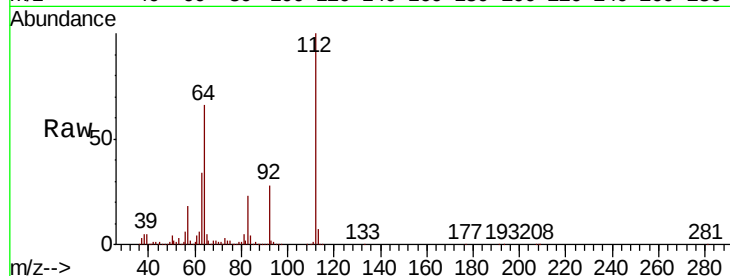
Tgt Ion: 112 Resp: 2604801

Ion Ratio Lower Upper

112 100

64 65.8 50.6 75.8

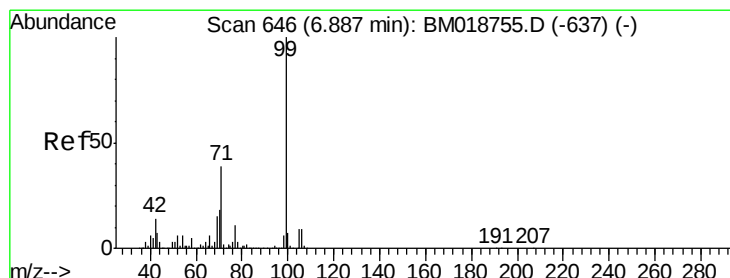
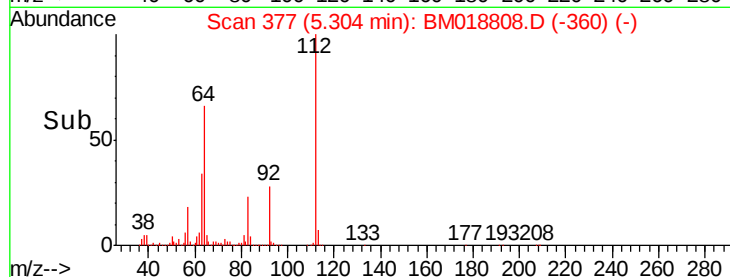
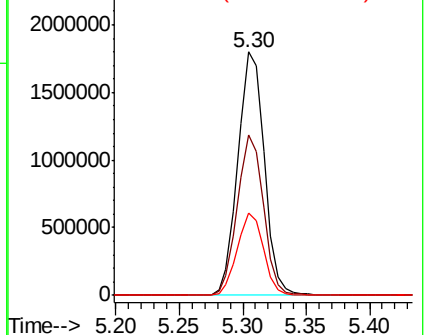
63 34.1 25.7 38.5



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: 117.446 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

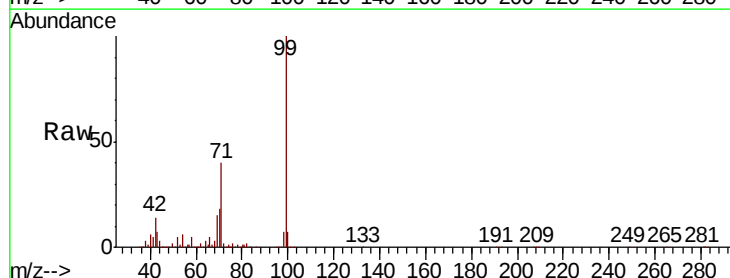
Tgt Ion: 99 Resp: 3168292

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.6

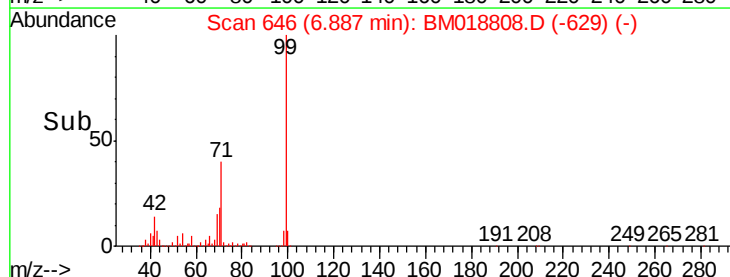
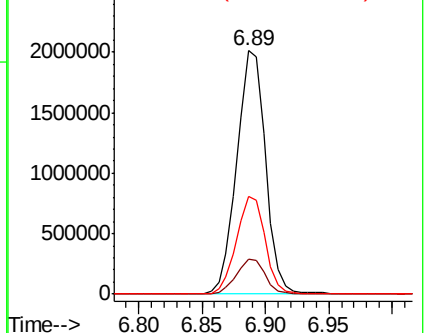
71 39.9 31.3 46.9

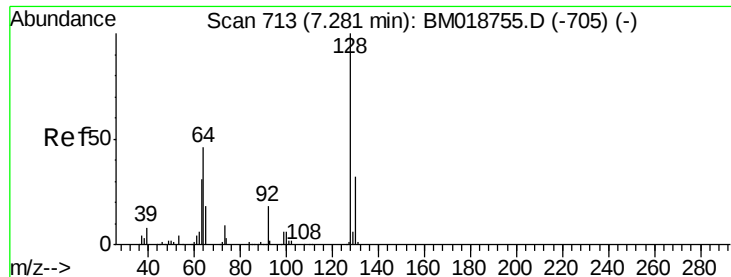


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.026 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM018808.D

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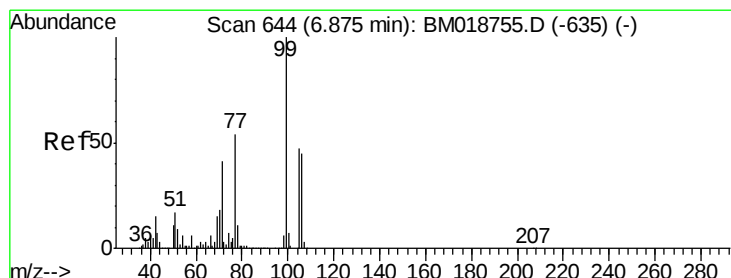
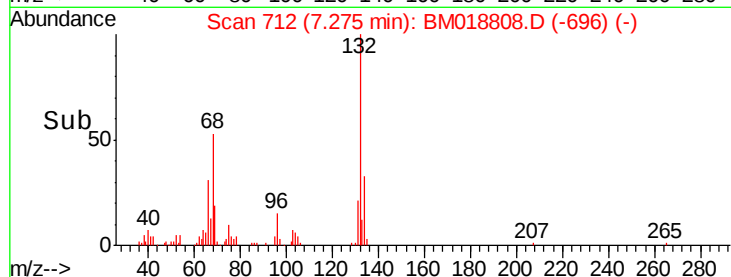
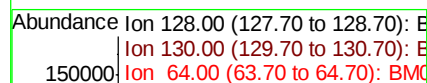
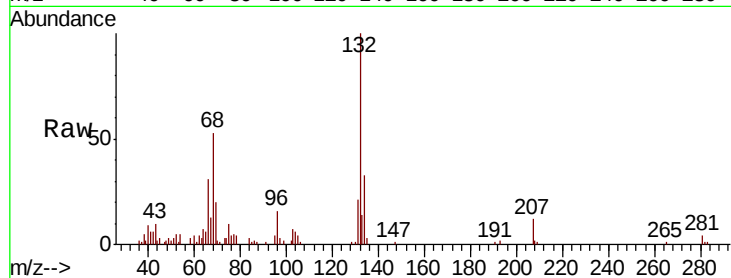
Tgt Ion:128 Resp: 555

Ion Ratio Lower Upper

128 100

130 124.3 11.7 51.7#

64 622.8 31.0 71.0#



#9

Benzaldehyde

Concen: Below Cal

RT: 6.89 min Scan# 647

Delta R.T. 0.02 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

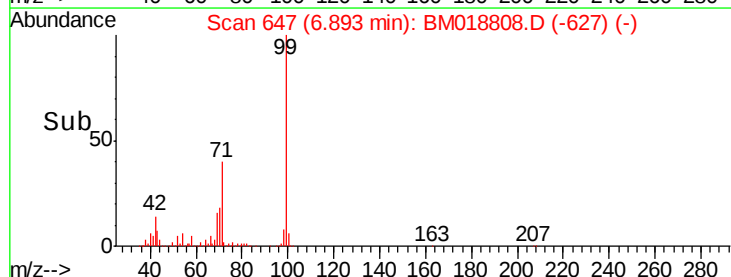
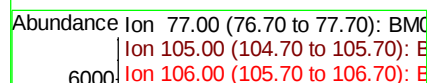
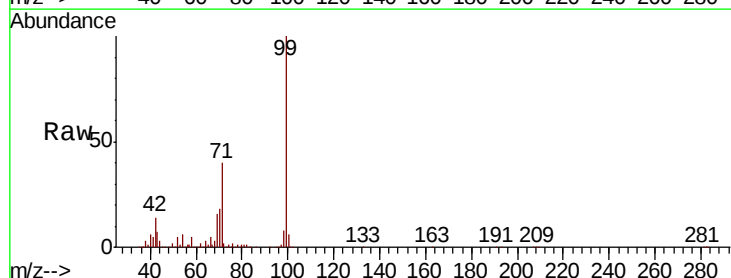
Tgt Ion: 77 Resp: 6946

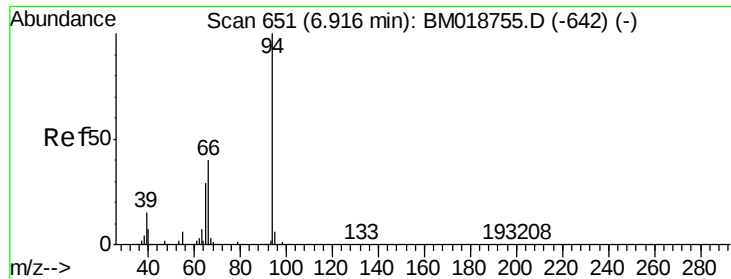
Ion Ratio Lower Upper

77 100

105 0.0 67.3 107.3#

106 0.0 62.9 102.9#





#10

Phenol

Concen: 0.022 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

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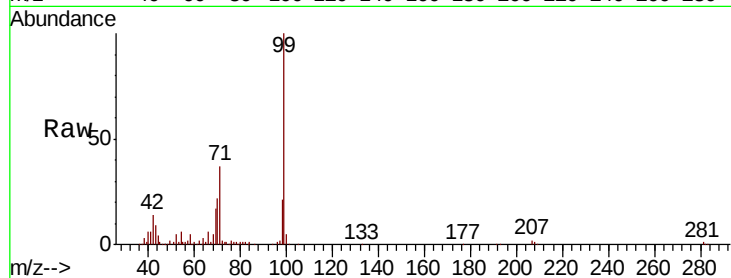
Tgt Ion: 94 Resp: 615

Ion Ratio Lower Upper

94 100

65 554.7 9.6 49.6#

66 2214.8 20.4 60.4#



Abundance Ion 94.00 (93.70 to 94.70): BM018808.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018808.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018808.D (-634) (-)

150000

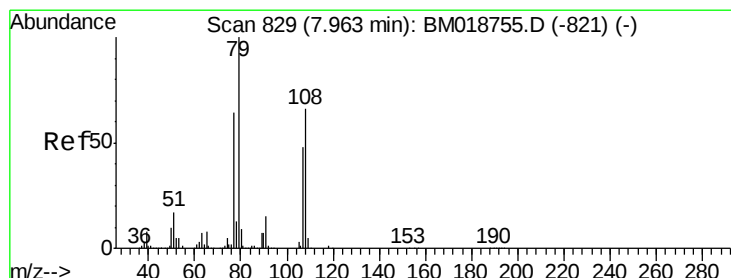
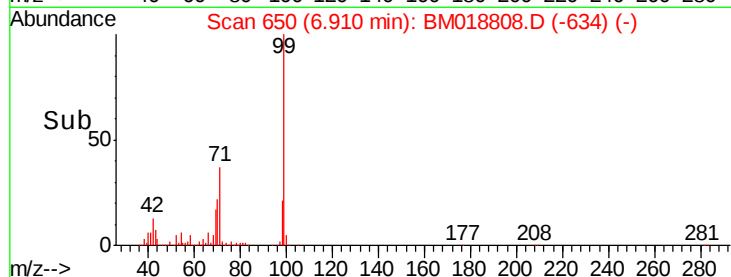
100000

50000

0

6.88 6.90 6.92 6.94

Time-->



#15

Benzyl Alcohol

Concen: 1.701 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.06 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

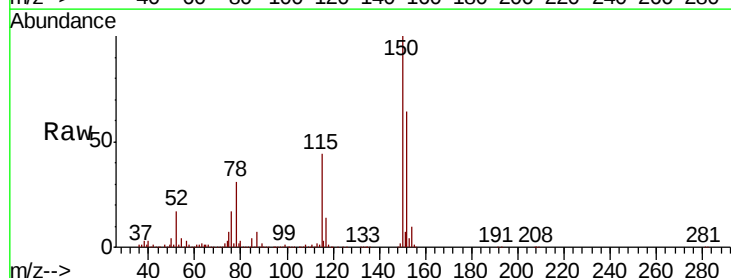
Tgt Ion: 79 Resp: 36464

Ion Ratio Lower Upper

79 100

108 32.4 52.7 79.1#

77 120.9 51.0 76.4#



Abundance Ion 79.00 (78.70 to 79.70): BM018808.D (-812) (-)

Ion 108.00 (107.70 to 108.70): BM018808.D (-812) (-)

Ion 77.00 (76.70 to 77.70): BM018808.D (-812) (-)

40000

30000

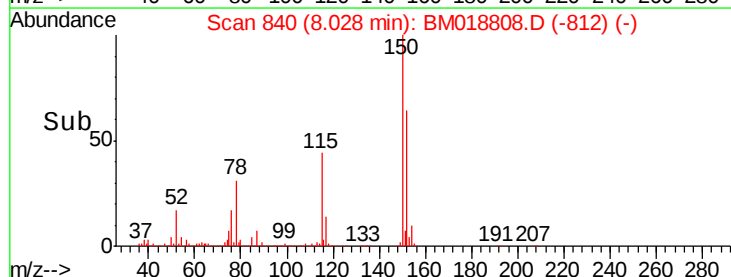
20000

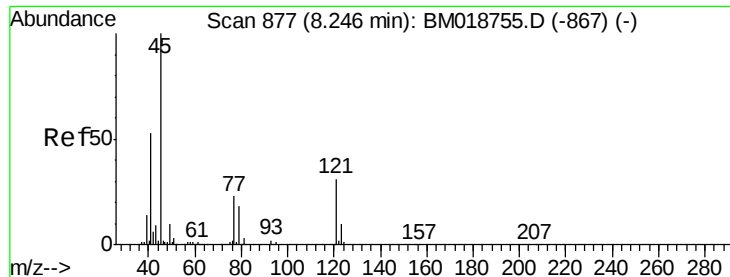
10000

0

7.98 8.00 8.02 8.04

Time-->

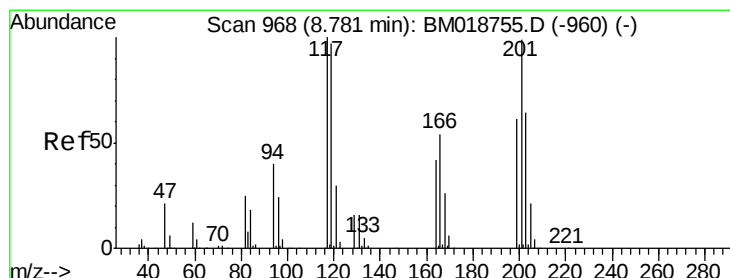
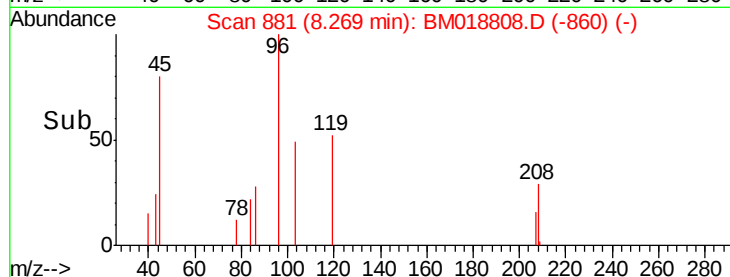
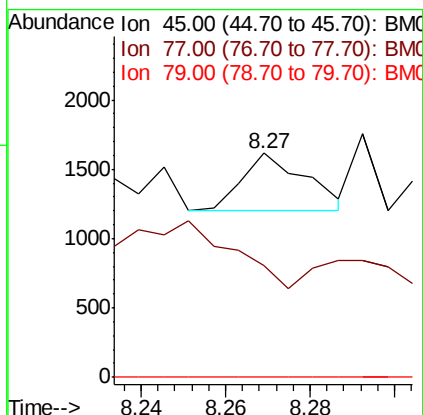
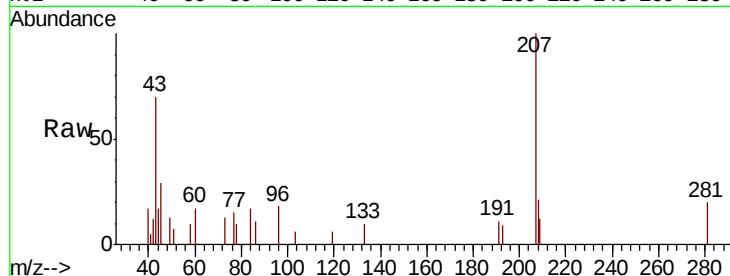




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.021 ng
RT: 8.27 min Scan# 881
Delta R.T. 0.02 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

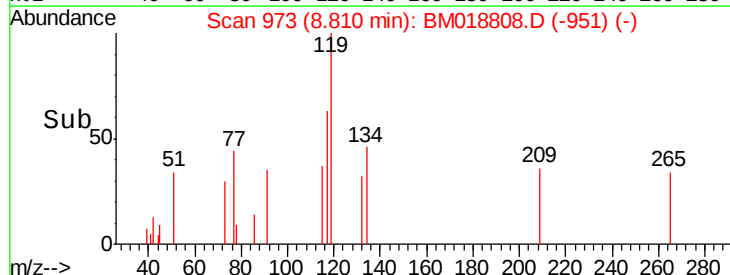
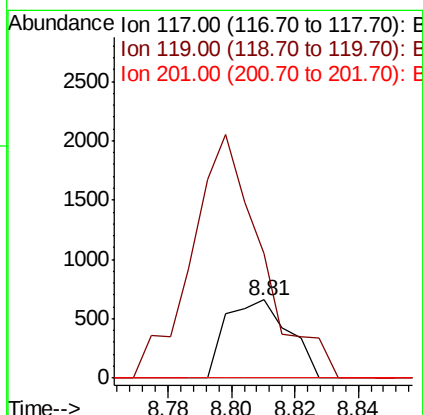
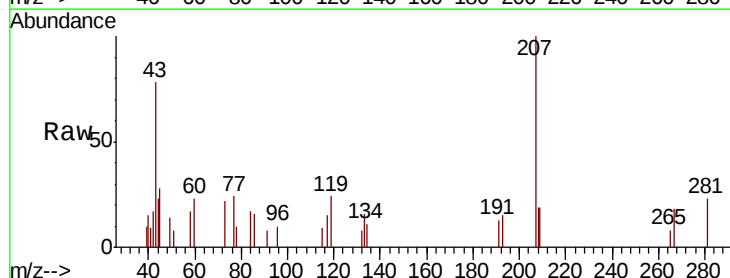
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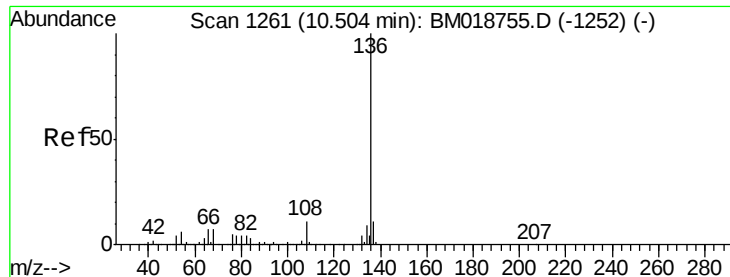
Tgt Ion: 45 Resp: 431
Ion Ratio Lower Upper
45 100
77 49.8 5.0 45.0#
79 0.0 0.0 39.3



#18
Hexachloroethane
Concen: 0.103 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.03 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

Tgt Ion: 117 Resp: 903
Ion Ratio Lower Upper
117 100
119 159.1 77.9 116.9#
201 0.0 79.2 118.8#

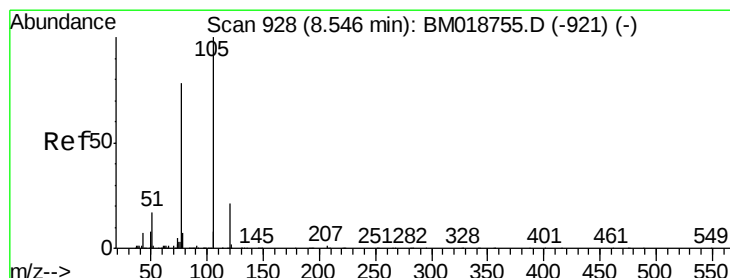
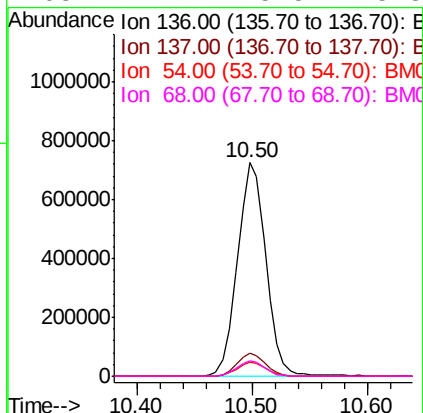
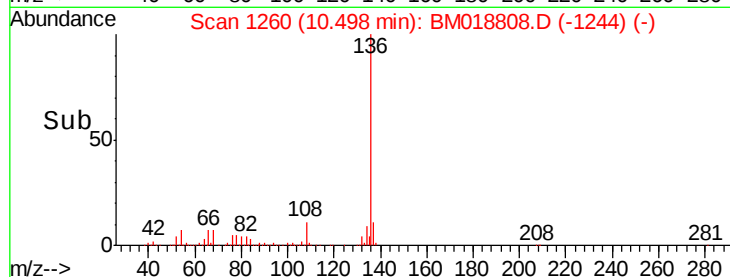
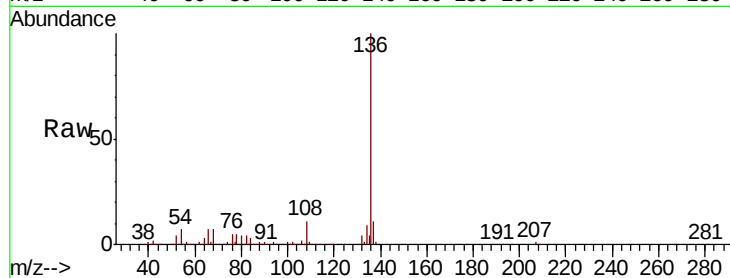




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

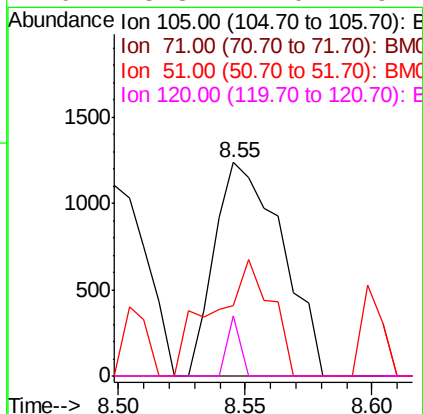
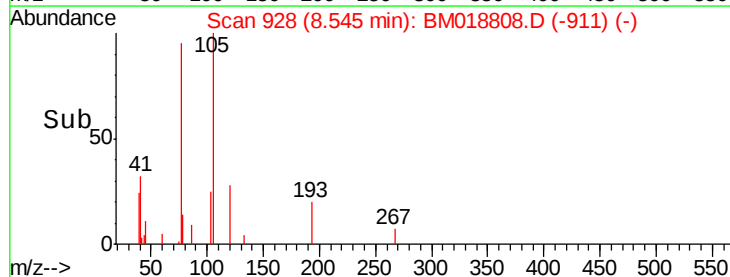
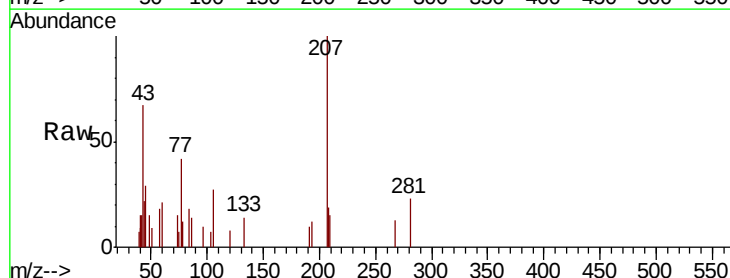
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-O

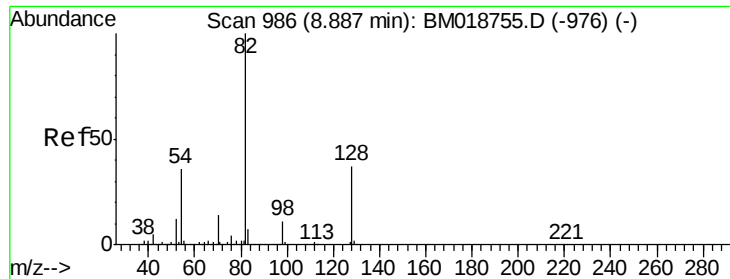
Tgt Ion:	136	Resp:	1235652
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.0	7.6
68	7.2	5.5	8.3



#22
Acetophenone
Concen: 0.068 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

Tgt Ion:	105	Resp:	2291
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	32.7	15.5	23.3#
120	28.3	17.0	25.4#





#23

Nitrobenzene-d5

Concen: 98.069 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-O

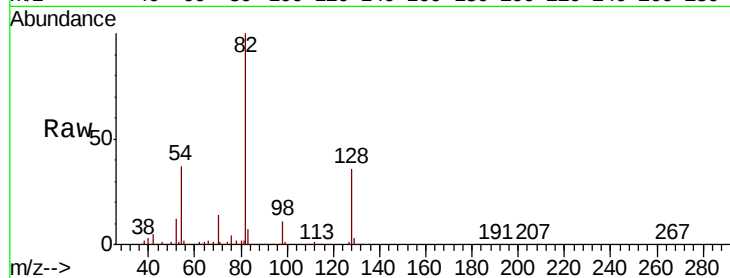
Tgt Ion: 82 Resp: 2620730

Ion Ratio Lower Upper

82 100

128 36.4 29.9 44.9

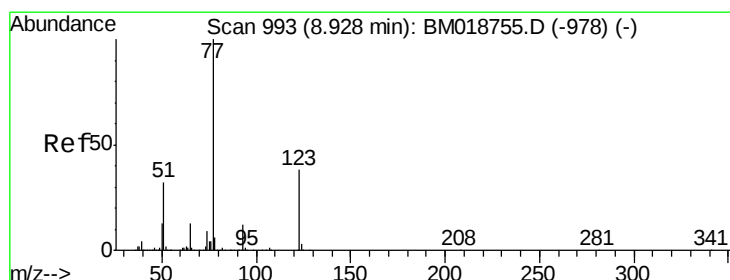
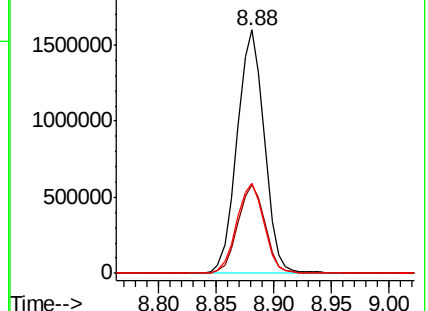
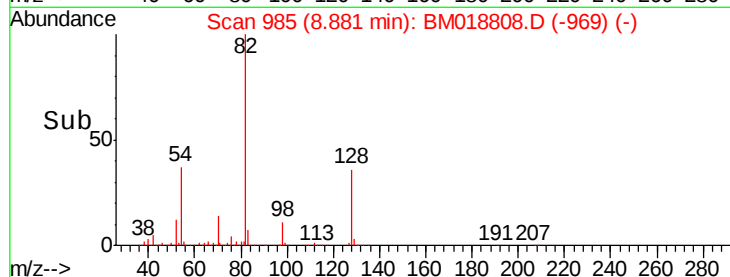
54 37.2 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018808.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018808.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018808.D (-969) (-)



#24

Nitrobenzene

Concen: 0.013 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.04 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

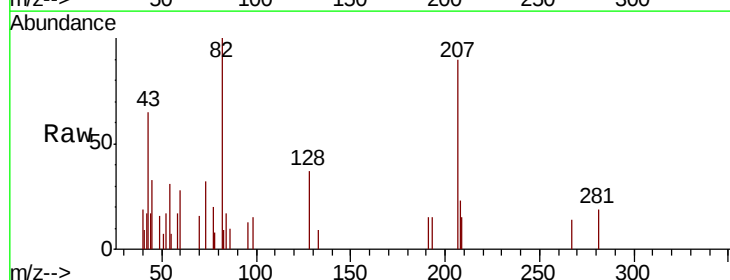
Tgt Ion: 77 Resp: 352

Ion Ratio Lower Upper

77 100

123 0.0 30.7 46.1#

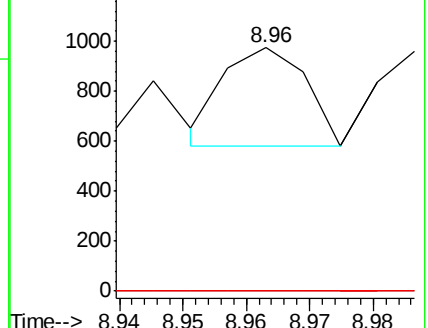
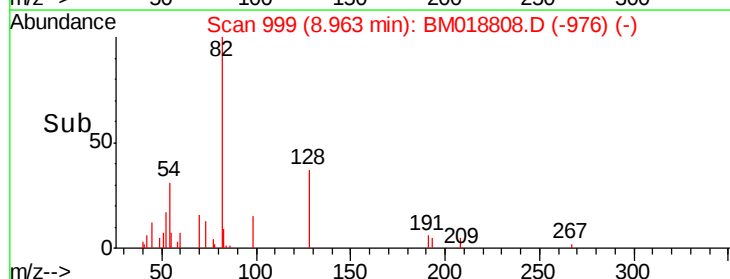
65 0.0 10.5 15.7#

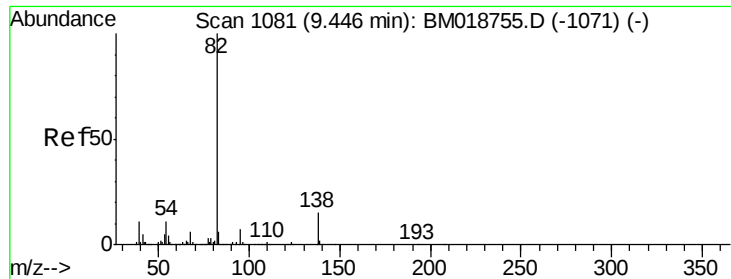


Abundance Ion 77.00 (76.70 to 77.70): BM018808.D (-976) (-)

Ion 123.00 (122.70 to 123.70): BM018808.D (-976) (-)

Ion 65.00 (64.70 to 65.70): BM018808.D (-976) (-)





#25

Isophorone

Concen: 0.010 ng

RT: 9.42 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-O

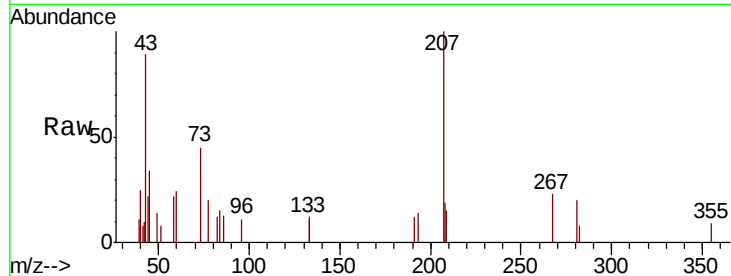
Tgt Ion: 82 Resp: 418

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 12.3 18.5#

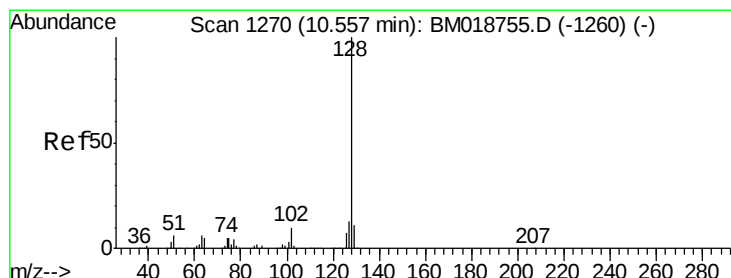
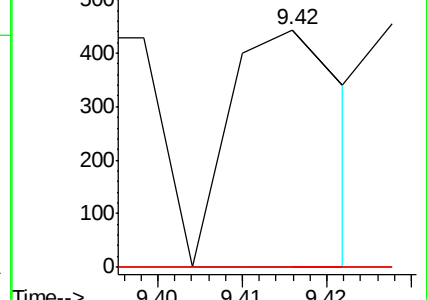
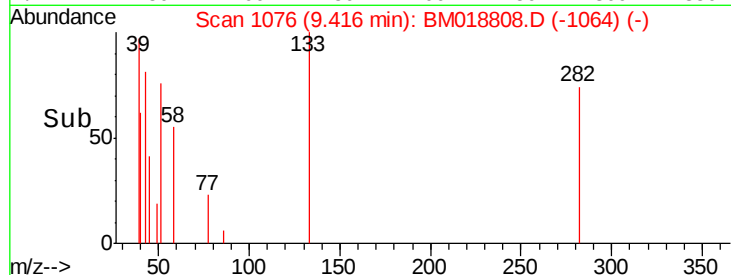


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

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

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

Time-->



#31

Naphthalene

Concen: 0.230 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

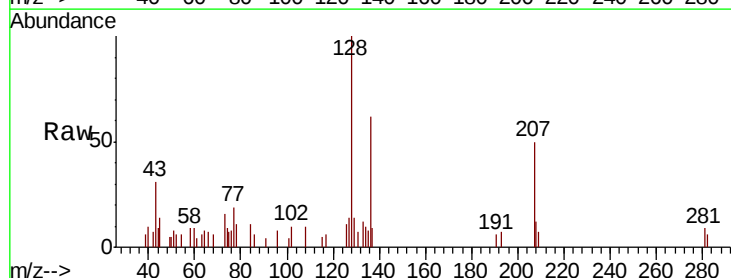
Tgt Ion: 128 Resp: 13833

Ion Ratio Lower Upper

128 100

129 13.6 9.0 13.4#

127 13.8 10.7 16.1

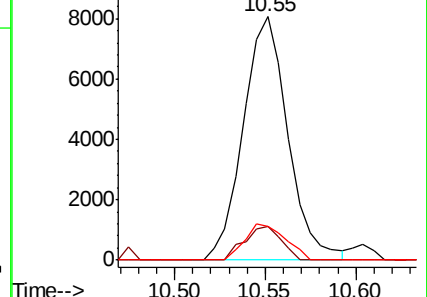
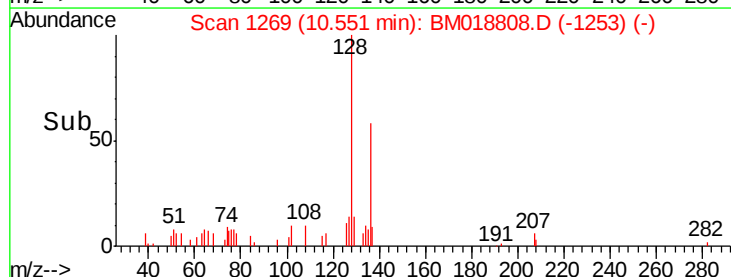


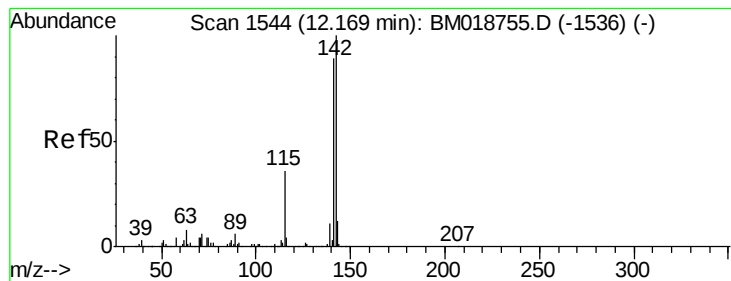
Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-1260) (-)

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

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

Time-->





#37

2-Methylnaphthalene

Concen: 0.114 ng

RT: 12.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-O

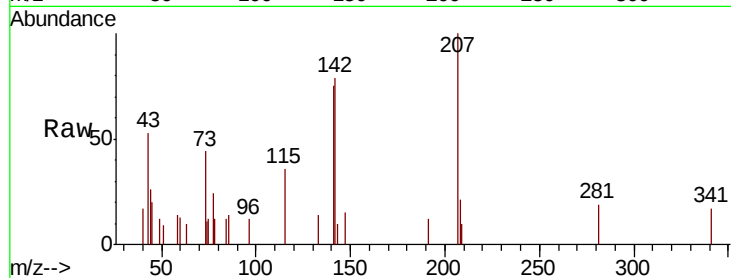
Tgt Ion:142 Resp: 4832

Ion Ratio Lower Upper

142 100

141 94.8 71.2 106.8

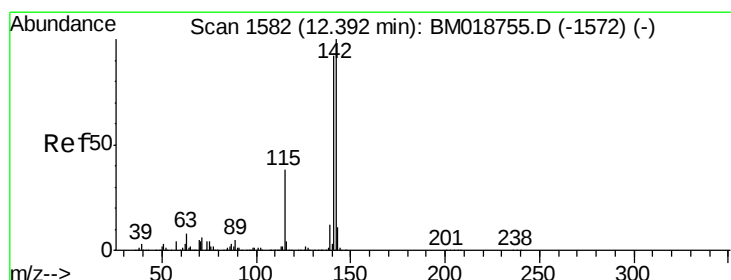
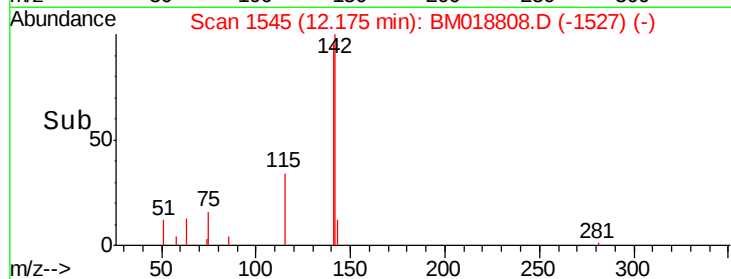
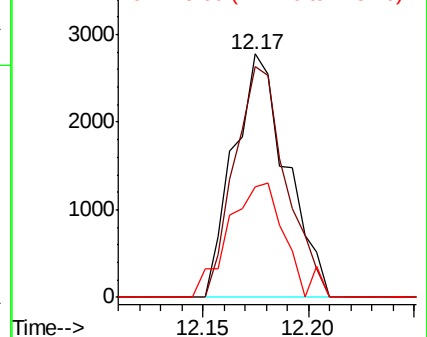
115 45.5 29.1 43.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 0.078 ng

RT: 12.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

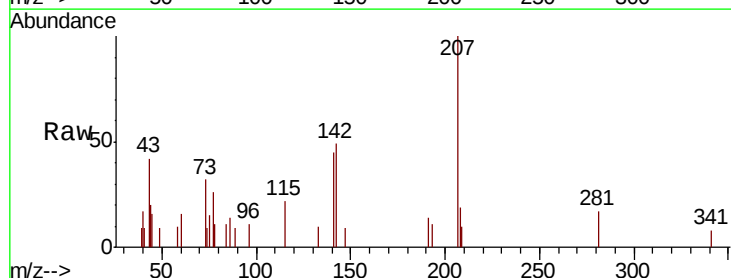
Tgt Ion:142 Resp: 3246

Ion Ratio Lower Upper

142 100

141 91.4 73.9 110.9

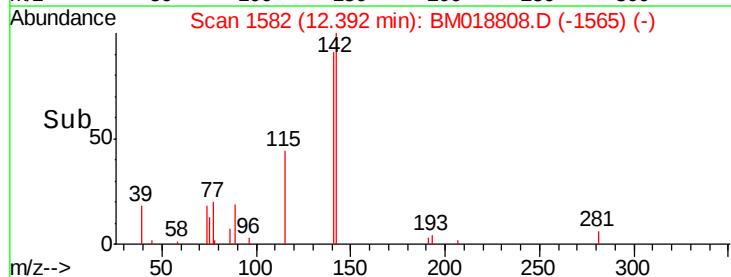
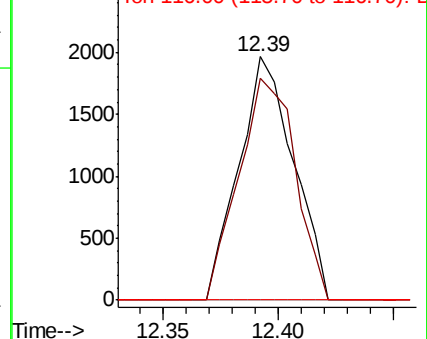
116 0.0 3.0 4.4#

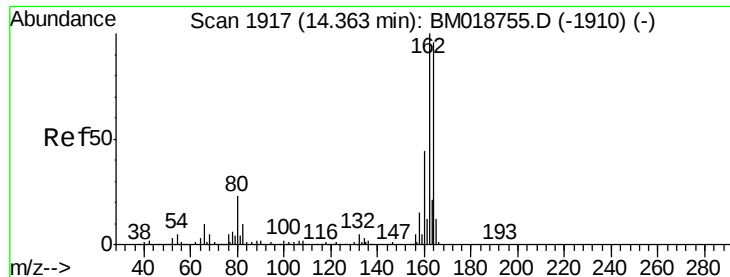


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

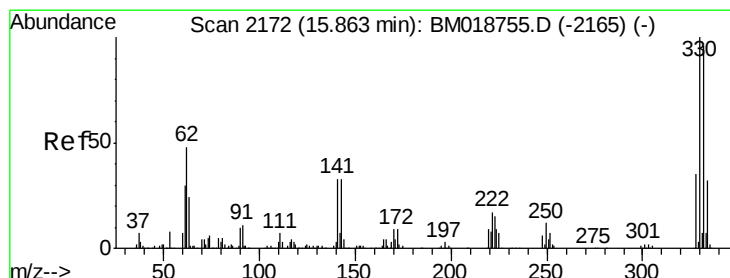
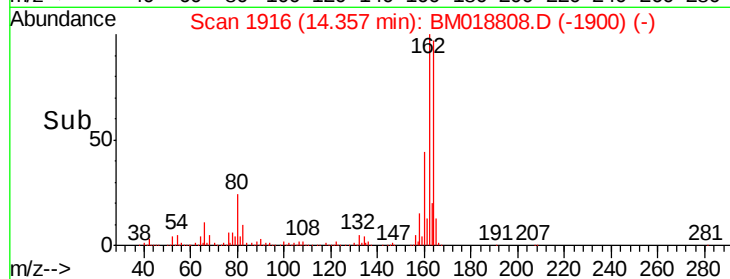
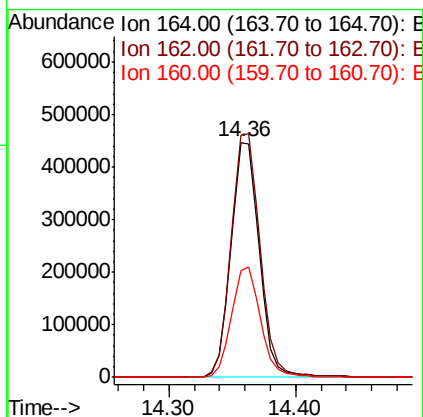
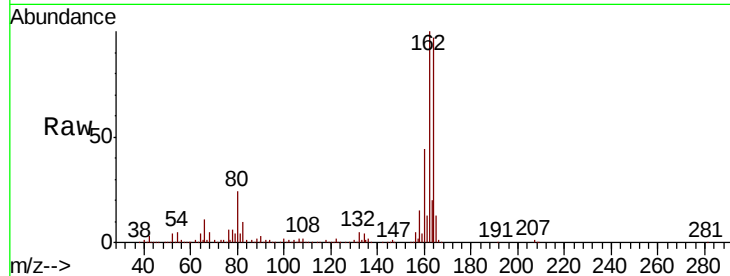




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM018808.D
 Acq: 13 Feb 2019 18:58

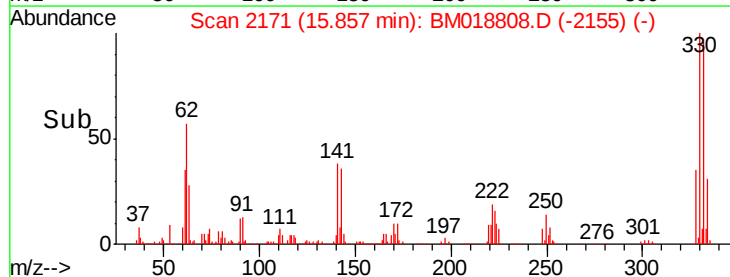
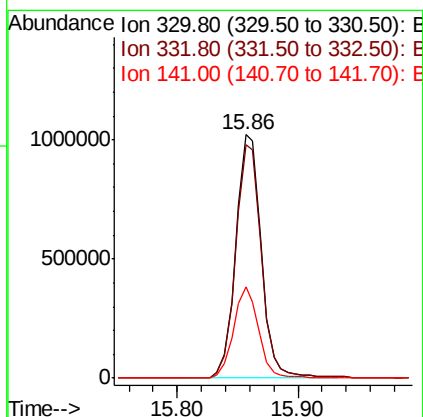
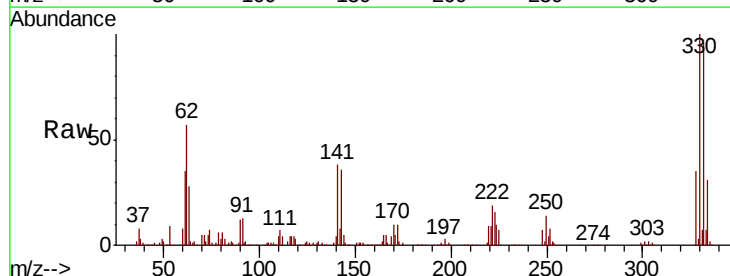
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-O

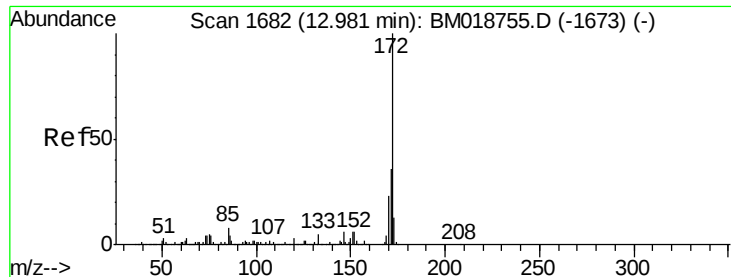
Tgt Ion:164 Resp: 687514
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.4 125.0
 160 45.4 36.6 55.0



#42
 2,4,6-Tribromophenol
 Concen: 152.298 ng
 RT: 15.86 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018808.D
 Acq: 13 Feb 2019 18:58

Tgt Ion:330 Resp: 1509325
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 37.2 28.7 43.1

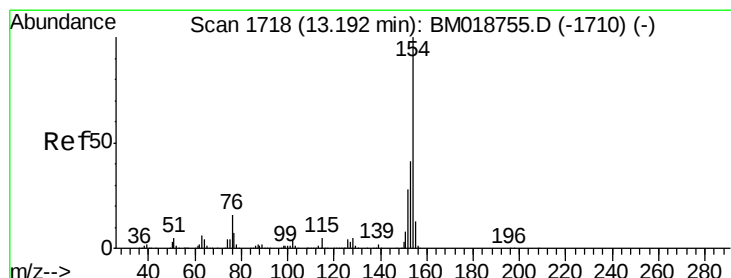
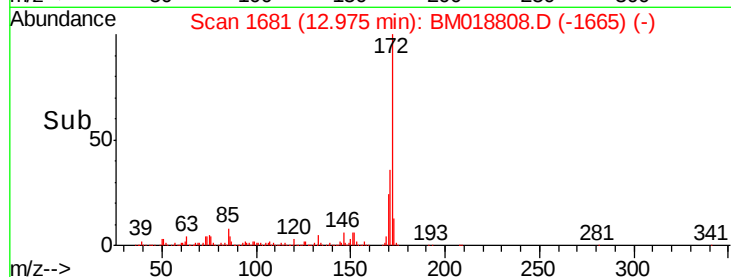
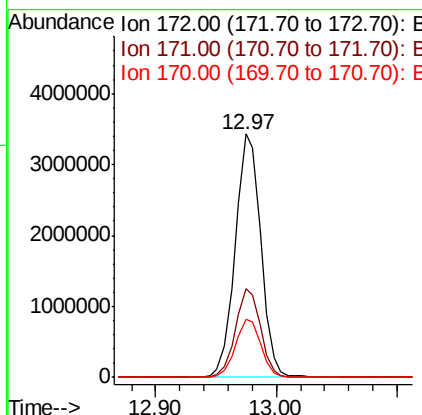
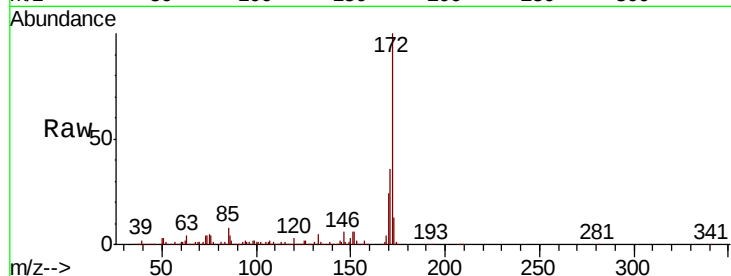




#45
2-Fluorobiphenyl
Concen: 98.231 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

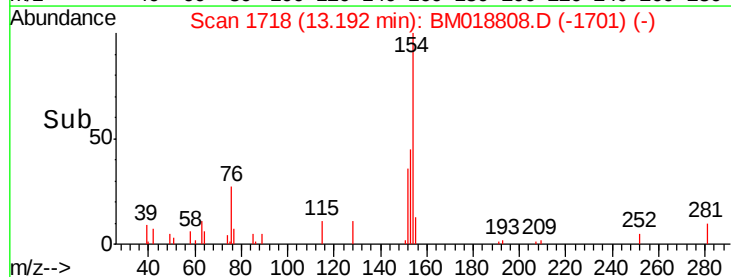
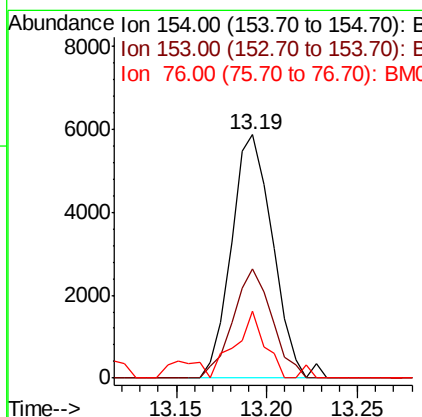
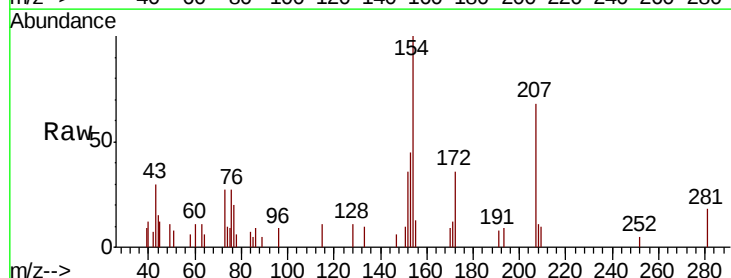
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-O

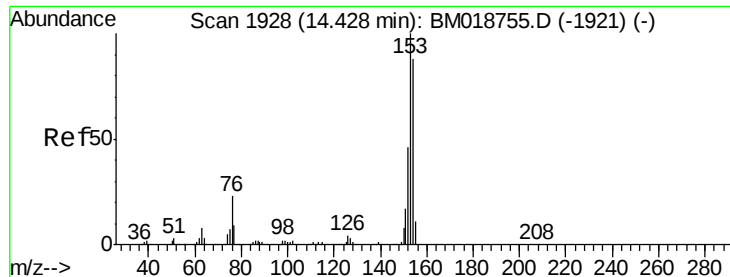
Tgt Ion:172 Resp: 5087488
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.9 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.157 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

Tgt Ion:154 Resp: 9318
Ion Ratio Lower Upper
154 100
153 44.9 21.1 61.1
76 27.4 0.0 35.7





#52

Acenaphthene

Concen: 0.038 ng

RT: 14.42 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-O

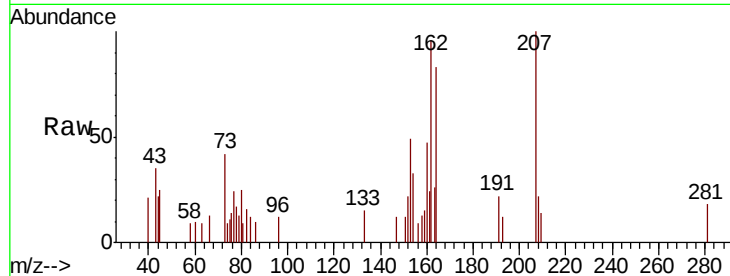
Tgt Ion:154 Resp: 1586

Ion Ratio Lower Upper

154 100

153 150.5 91.3 136.9#

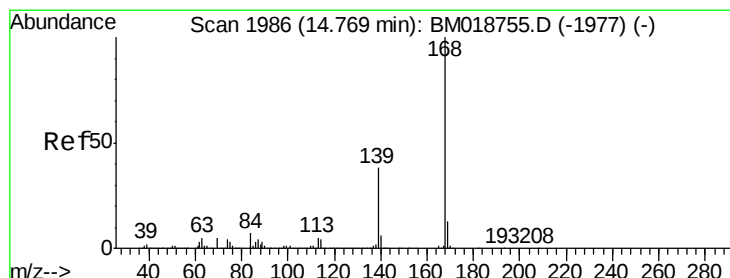
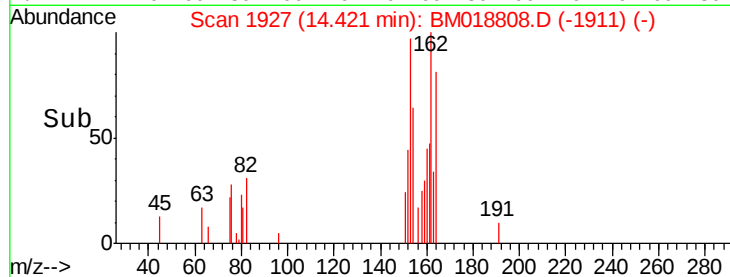
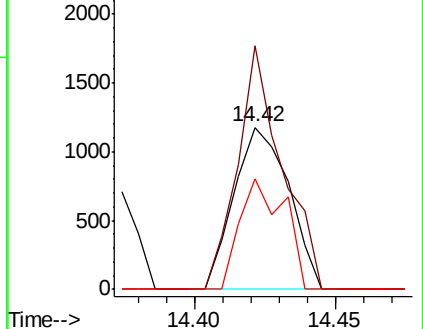
152 68.4 42.2 63.4#



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: 0.022 ng

RT: 14.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

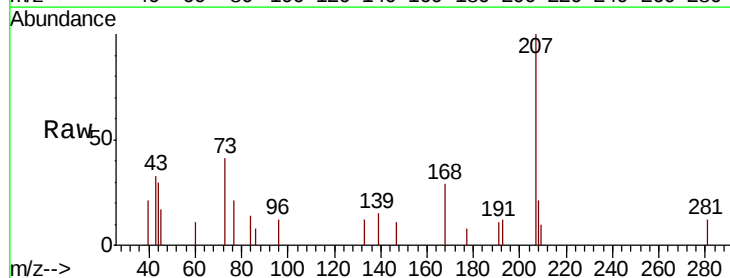
Tgt Ion:168 Resp: 1496

Ion Ratio Lower Upper

168 100

139 50.2 30.7 46.1#

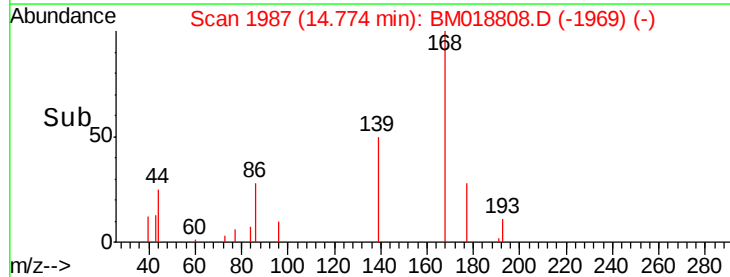
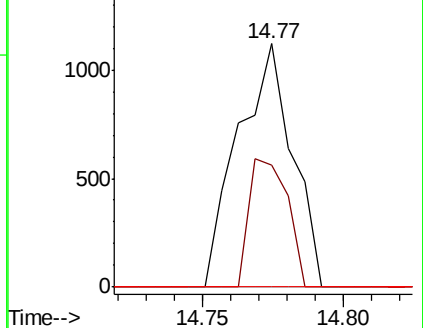
169 0.0 10.3 15.5#

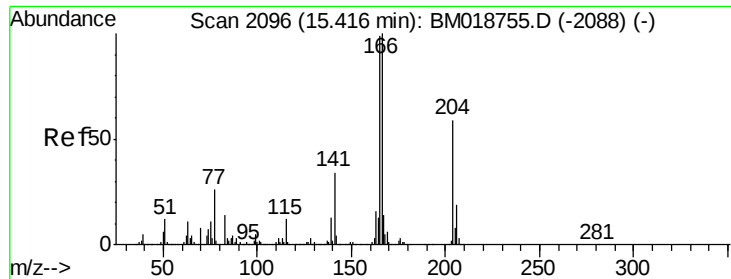


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

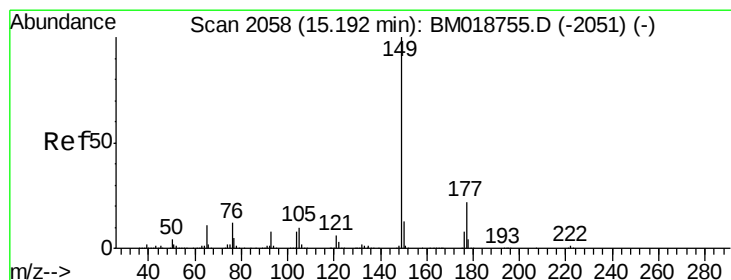
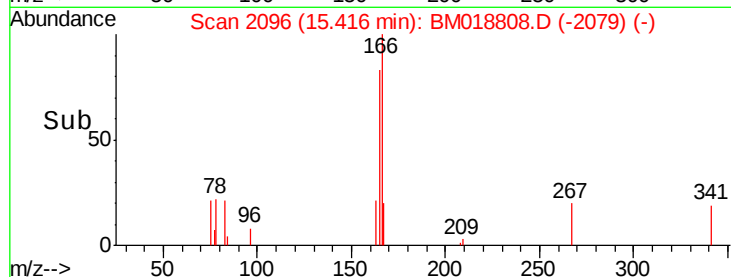
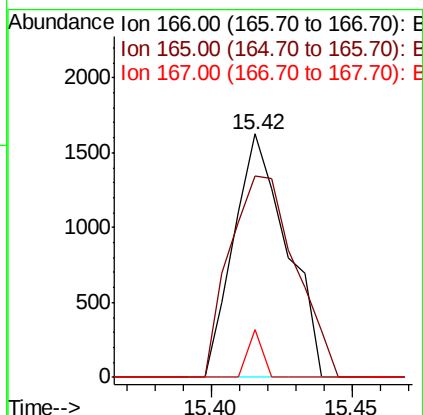
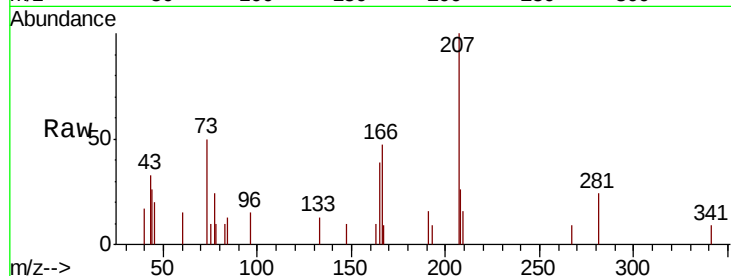




#58
 Fluorene
 Concen: 0.040 ng
 RT: 15.42 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM018808.D
 Acq: 13 Feb 2019 18:58

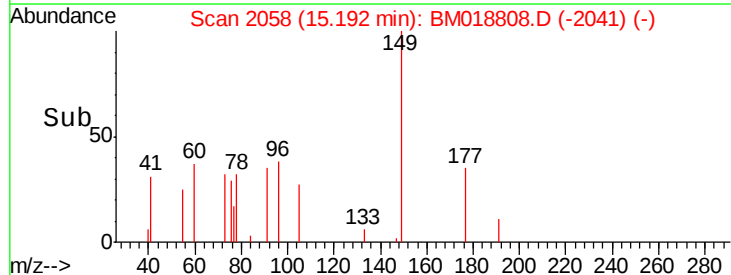
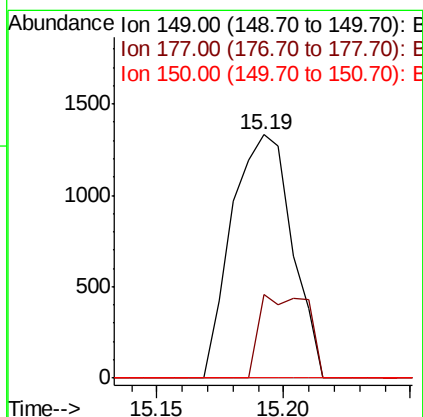
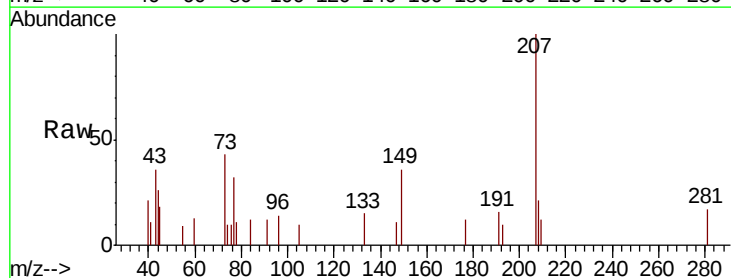
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-O

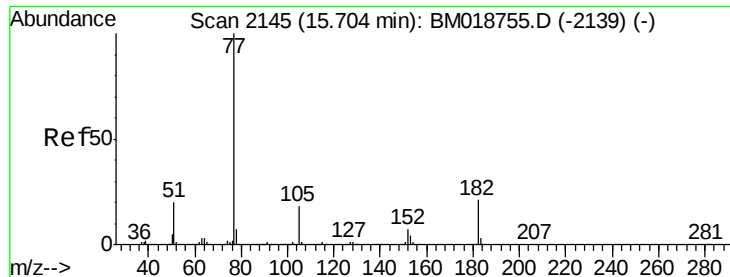
Tgt Ion:166 Resp: 2112
 Ion Ratio Lower Upper
 166 100
 165 82.8 79.1 118.7
 167 19.7 11.0 16.4#



#60
 Diethylphthalate
 Concen: 0.037 ng
 RT: 15.19 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BM018808.D
 Acq: 13 Feb 2019 18:58

Tgt Ion:149 Resp: 2199
 Ion Ratio Lower Upper
 149 100
 177 34.5 17.2 25.8#
 150 0.0 10.2 15.2#

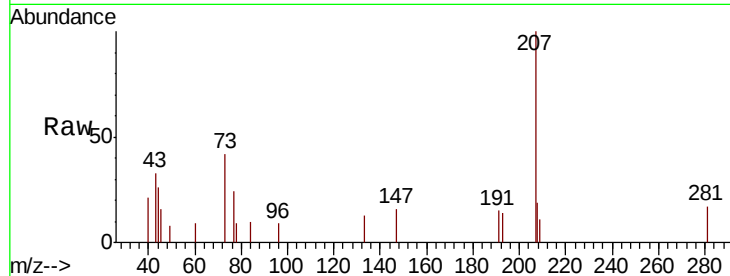




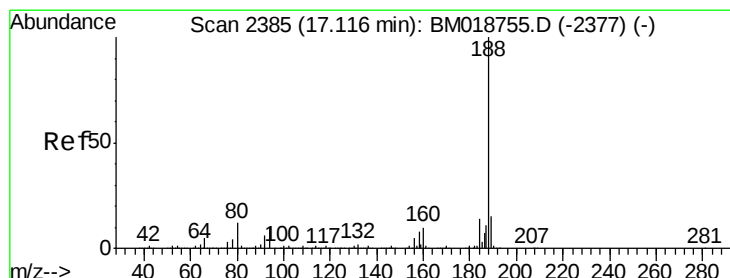
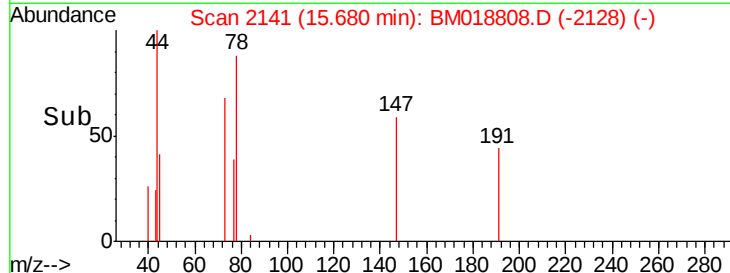
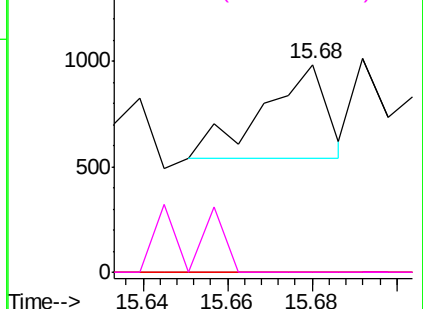
#63
Azobenzene
Concen: 0.007 ng
RT: 15.68 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

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

Tgt Ion: 77 Resp: 465
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#

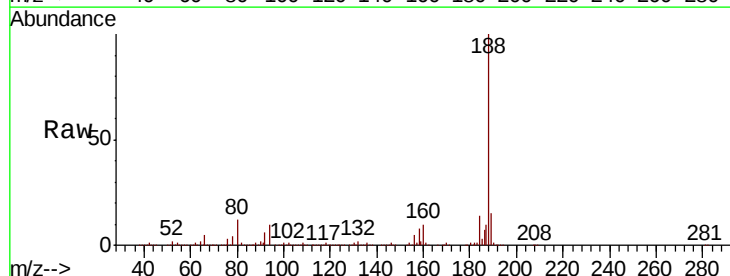


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-2139) (-)
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM018755.D (-2139) (-)

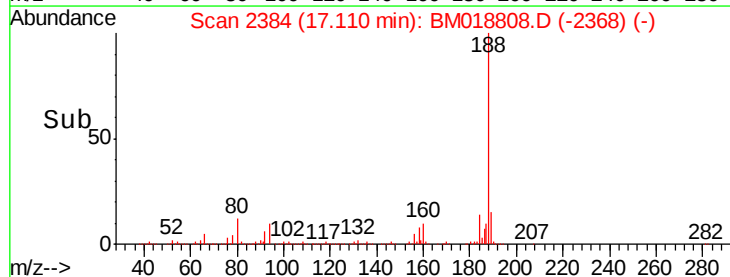
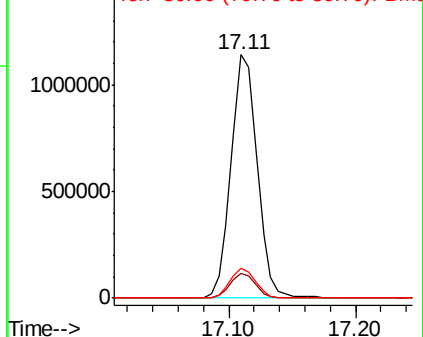


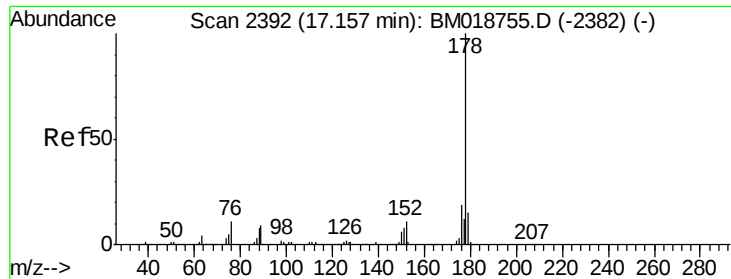
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

Tgt Ion: 188 Resp: 1629310
Ion Ratio Lower Upper
188 100
94 10.0 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): BM018755.D (-2377) (-)
Ion 80.00 (79.70 to 80.70): BM018755.D (-2377) (-)

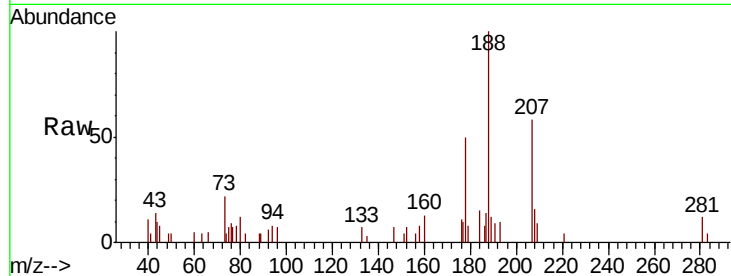




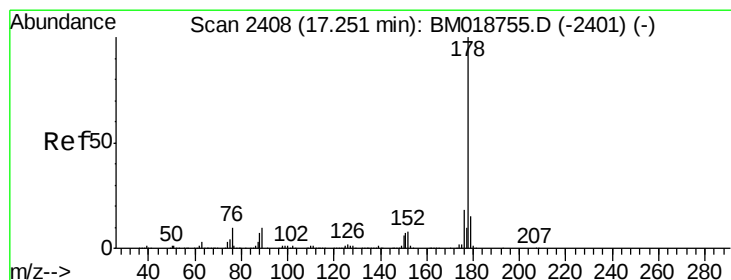
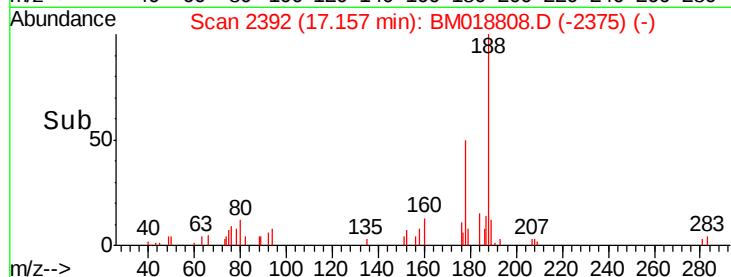
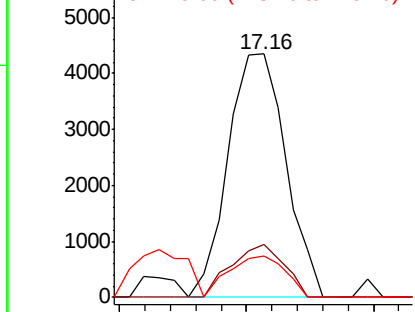
#71
Phenanthrene
Concen: 0.079 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

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

Tgt Ion:178 Resp: 6899
Ion Ratio Lower Upper
178 100
176 21.7 15.4 23.0
179 16.7 12.3 18.5

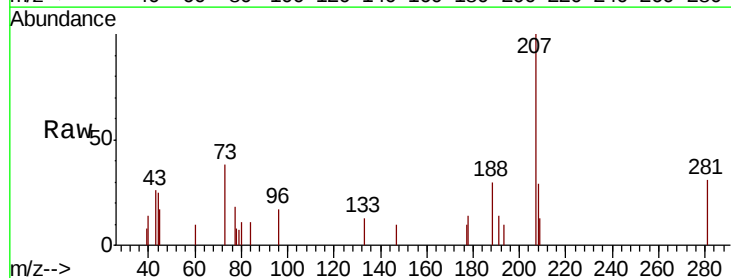


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

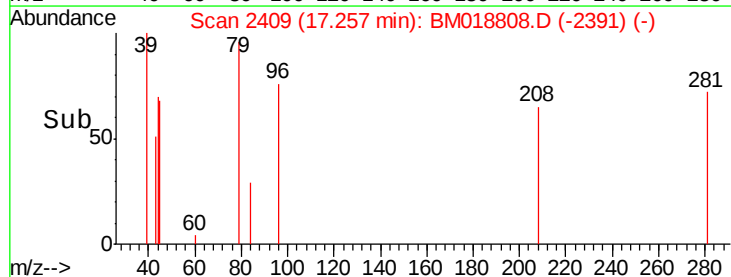
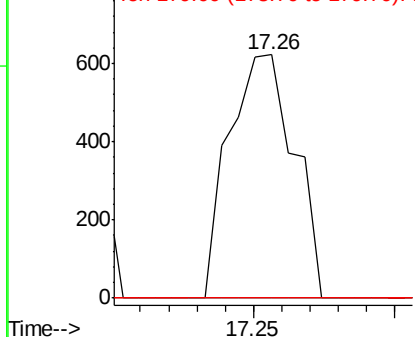


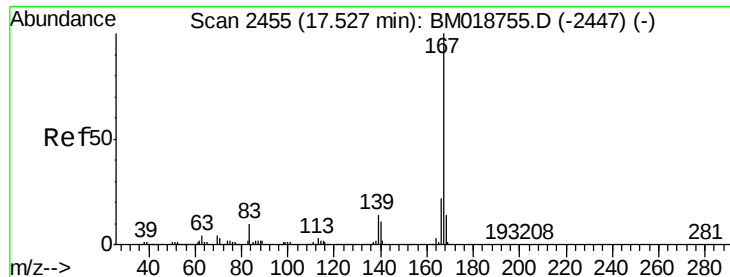
#72
Anthracene
Concen: 0.012 ng
RT: 17.26 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

Tgt Ion:178 Resp: 997
Ion Ratio Lower Upper
178 100
176 0.0 14.8 22.2#
179 0.0 12.1 18.1#



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

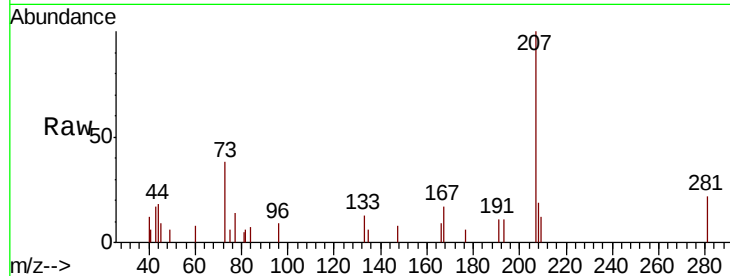




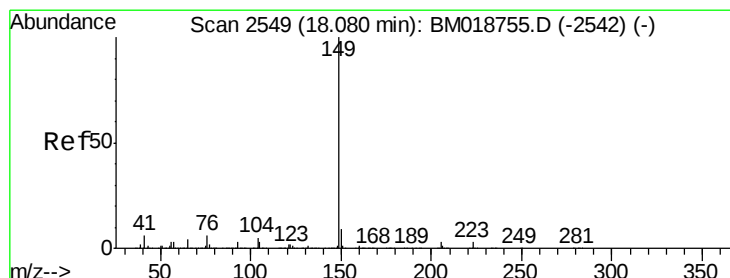
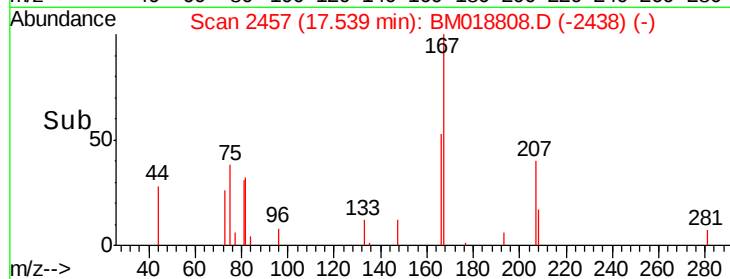
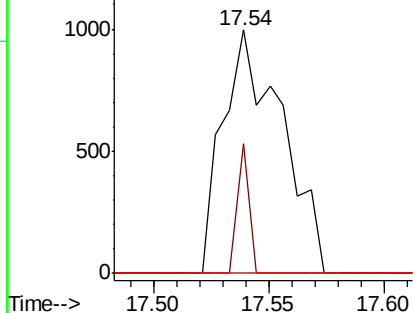
#73
 Carbazole
 Concen: 0.020 ng
 RT: 17.54 min Scan# 2457
 Delta R.T. 0.01 min
 Lab File: BM018808.D
 Acq: 13 Feb 2019 18:58

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

Tgt Ion:167 Resp: 1776
 Ion Ratio Lower Upper
 167 100
 166 53.1 17.7 26.5#
 139 0.0 10.9 16.3#

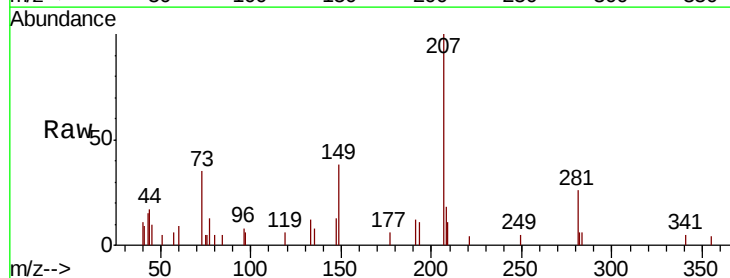


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

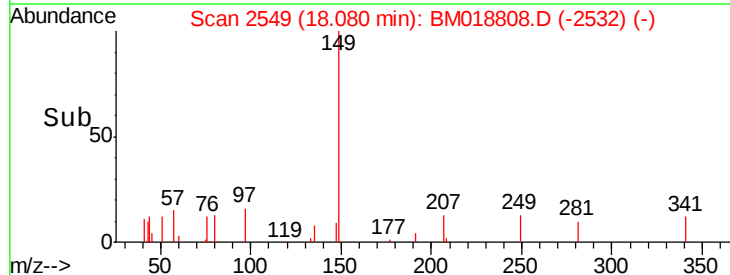
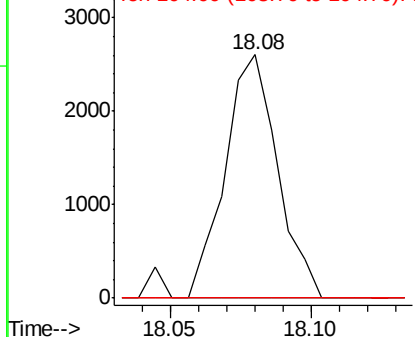


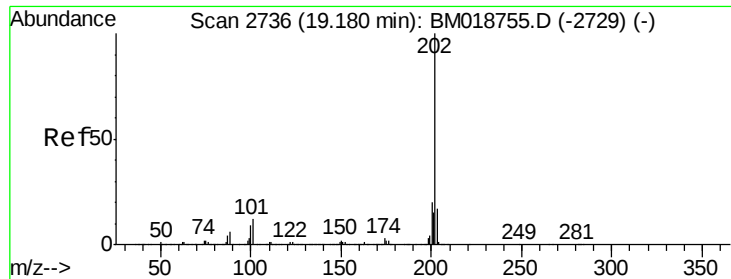
#74
 Di-n-butylphthalate
 Concen: 0.033 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM018808.D
 Acq: 13 Feb 2019 18:58

Tgt Ion:149 Resp: 3362
 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: 0.018 ng

RT: 19.18 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

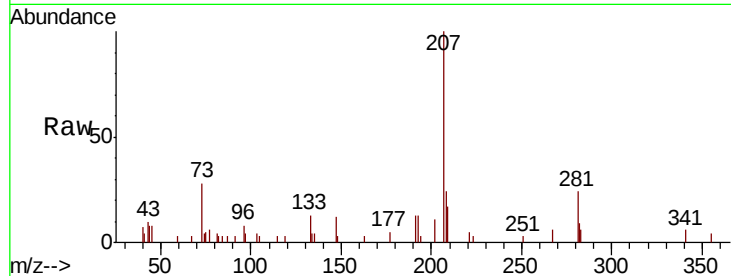
Instrument :

BNA_M

ClientSampleId :

JC-02-021119-O

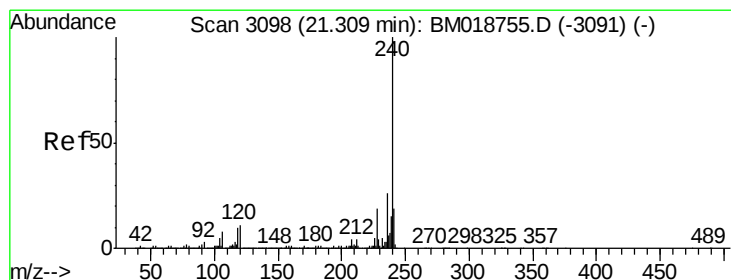
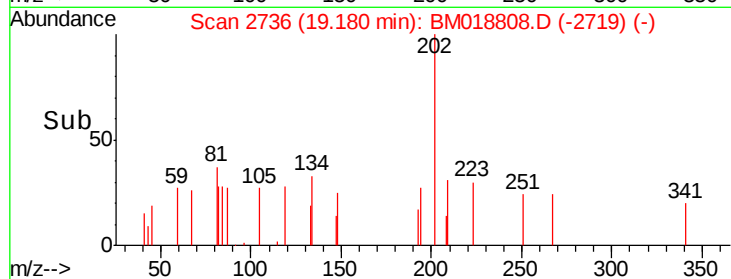
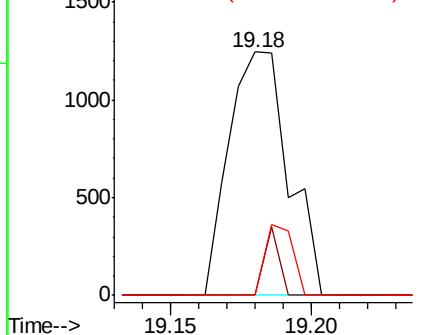
Tgt Ion:	202	Resp:	1828
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.5
203	0.0	0.0	37.3



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

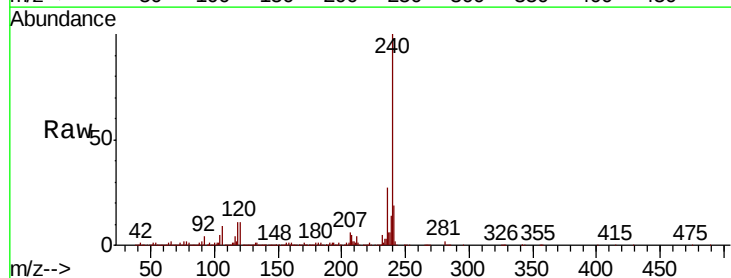
RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

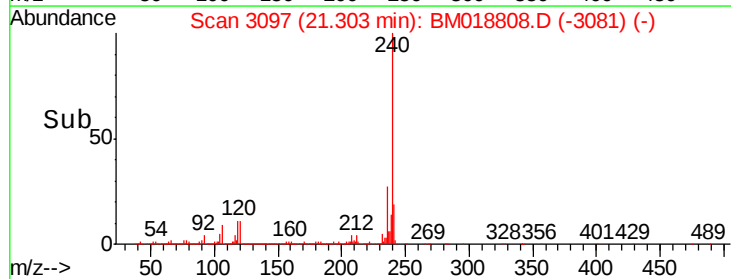
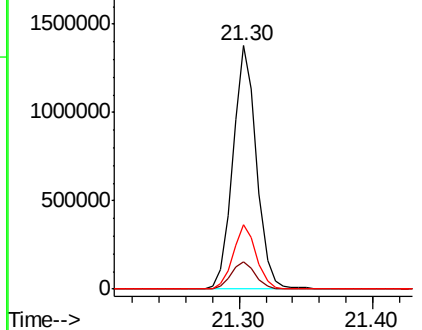
Tgt Ion:	240	Resp:	1704765
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.6	20.9	31.3

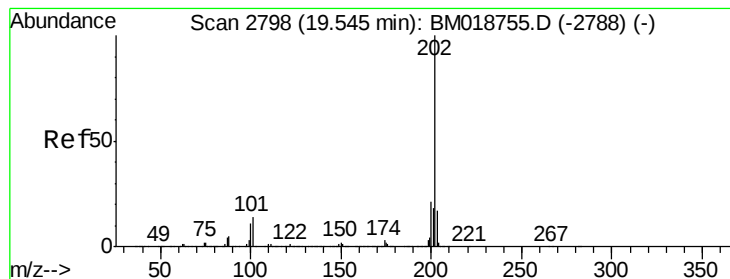


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 0.015 ng

RT: 19.55 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-O

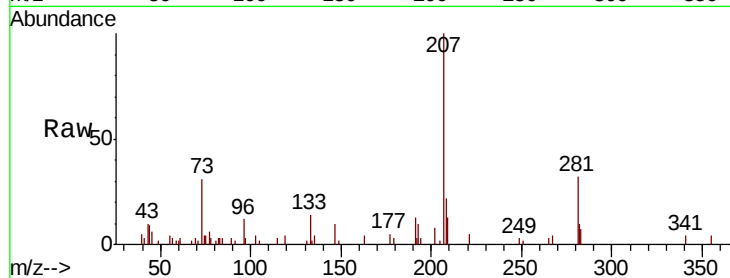
Tgt Ion: 202 Resp: 1479

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

203 0.0 13.8 20.8#

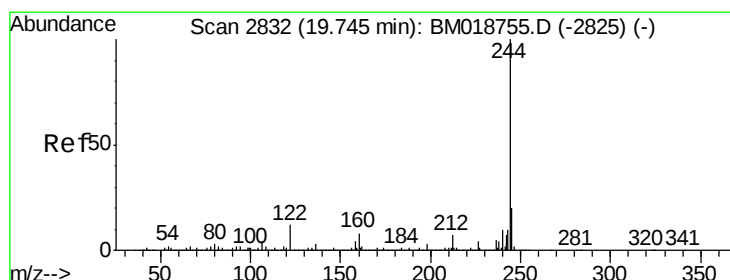
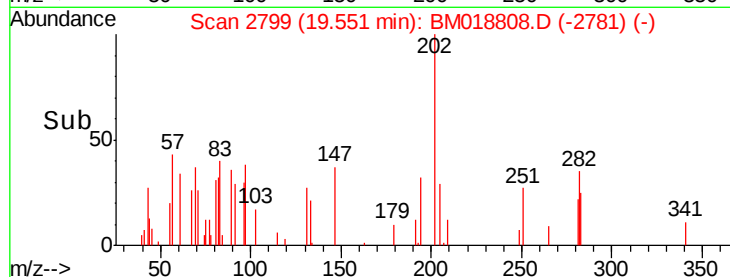
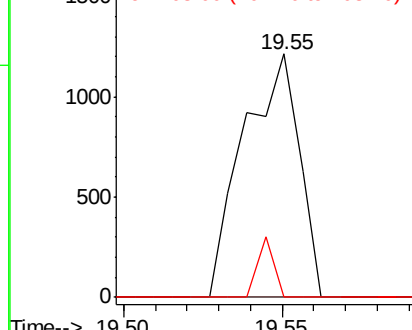


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 107.655 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

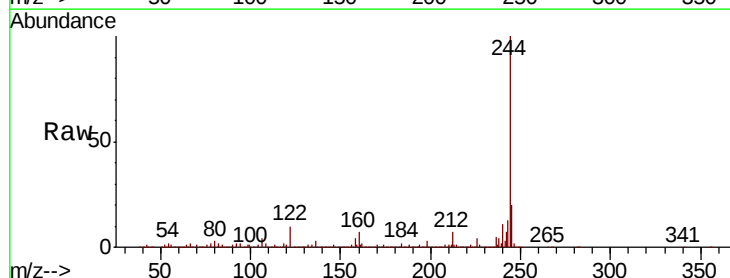
Tgt Ion: 244 Resp: 8896512

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.3 9.3 13.9

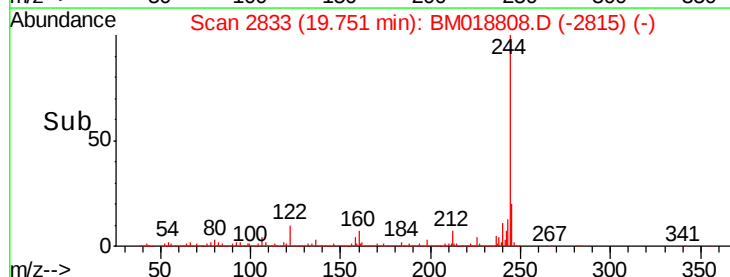
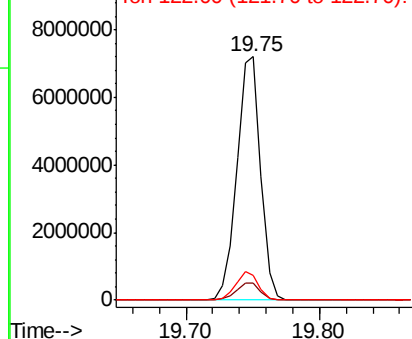


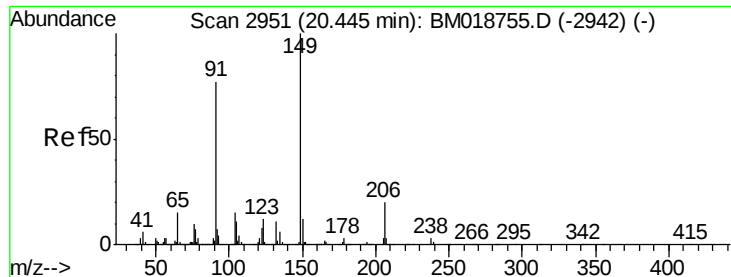
Abundance

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

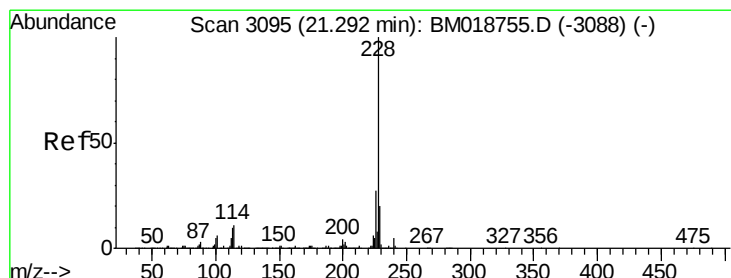
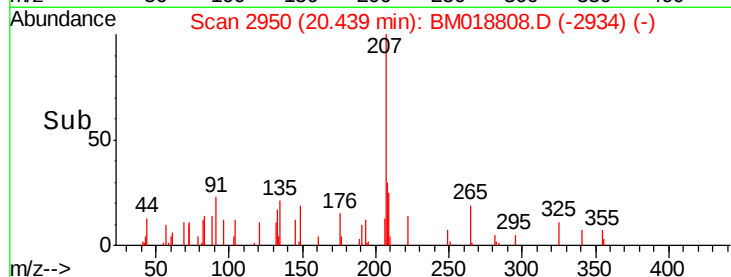
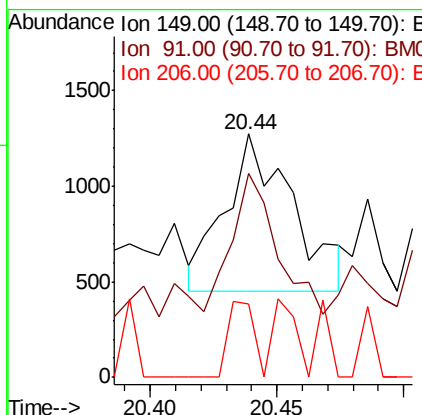
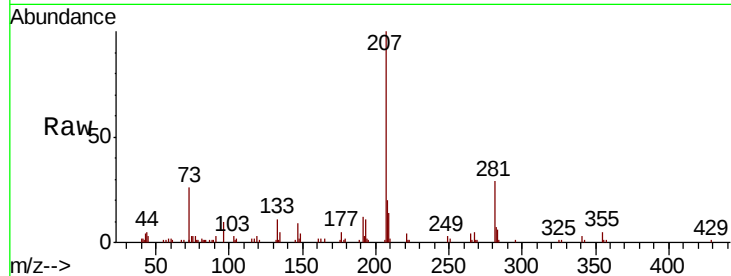




#80
Butylbenzylphthalate
Concen: 0.033 ng
RT: 20.44 min Scan# 2950
Delta R.T. -0.01 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

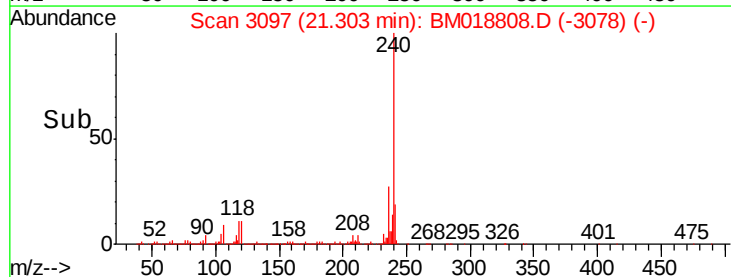
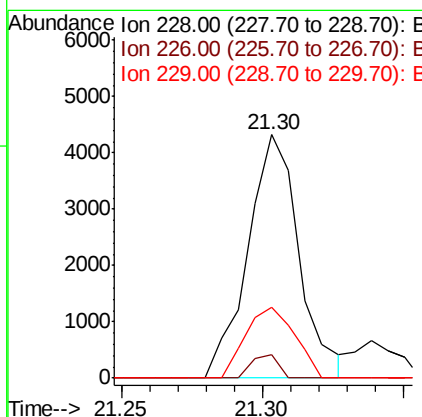
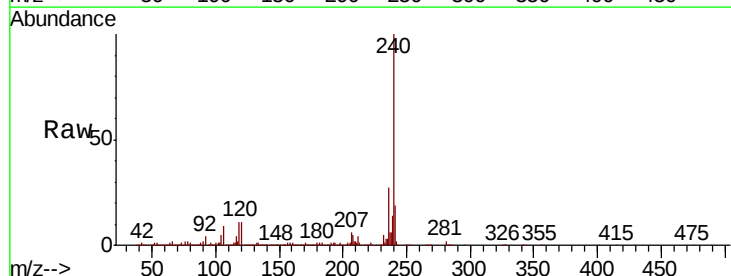
Instrument :
BNA_M
ClientSampleId :
JC-02-021119-O

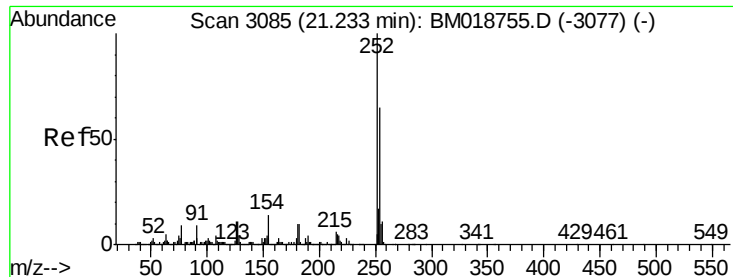
Tgt Ion:149 Resp: 1510
Ion Ratio Lower Upper
149 100
91 83.8 61.4 92.0
206 30.1 15.8 23.8#



#81
Benzo(a)anthracene
Concen: 0.055 ng
RT: 21.30 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

Tgt Ion:228 Resp: 5448
Ion Ratio Lower Upper
228 100
226 9.8 21.9 32.9#
229 28.9 15.9 23.9#





#82

3,3'-Dichlorobenzidine

Concen: 0.007 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

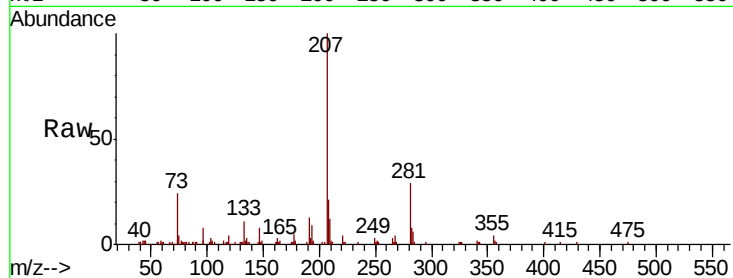
Instrument :

BNA_M

ClientSampleId :

JC-02-021119-O

Tgt Ion:	252	Resp:	274
Ion Ratio	Lower	Upper	
252	100		
254	0.0	51.8	77.8#
126	0.0	9.1	13.7#

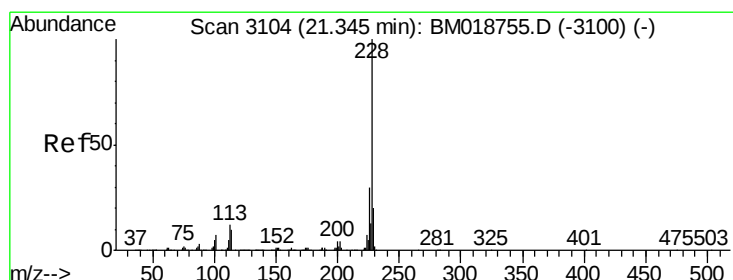
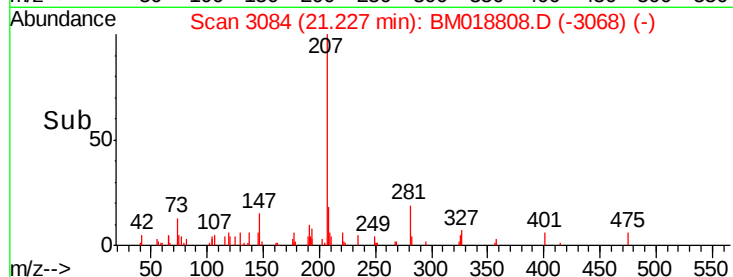
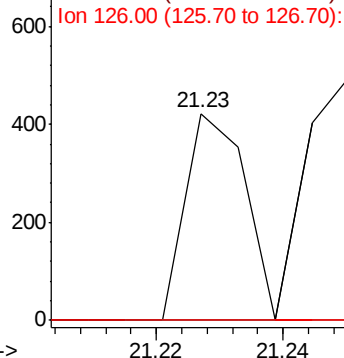


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.057 ng

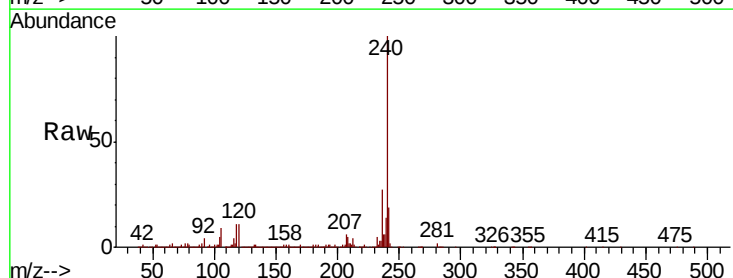
RT: 21.30 min Scan# 3097

Delta R.T. -0.04 min

Lab File: BM018808.D

Acq: 13 Feb 2019 18:58

Tgt Ion:	228	Resp:	5448
Ion Ratio	Lower	Upper	
228	100		
226	9.8	24.1	36.1#
229	28.9	16.0	24.0#

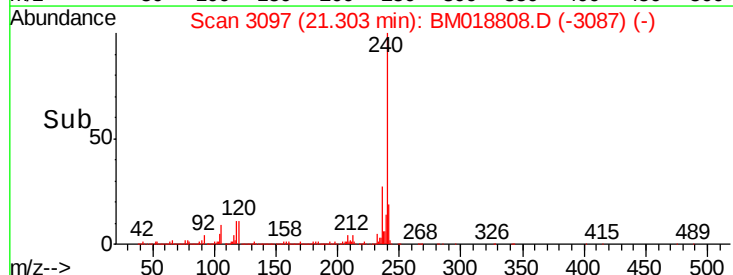
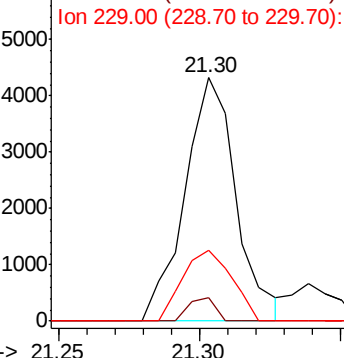


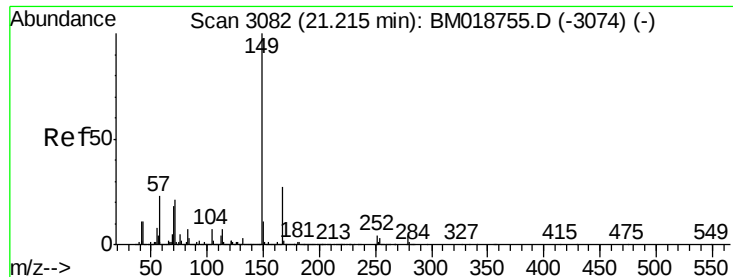
Abundance

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

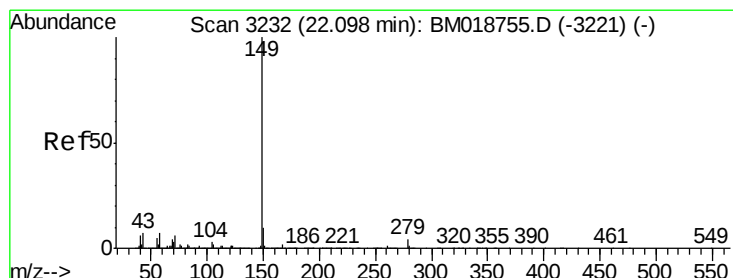
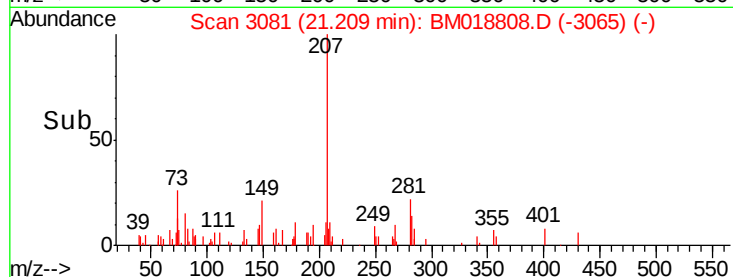
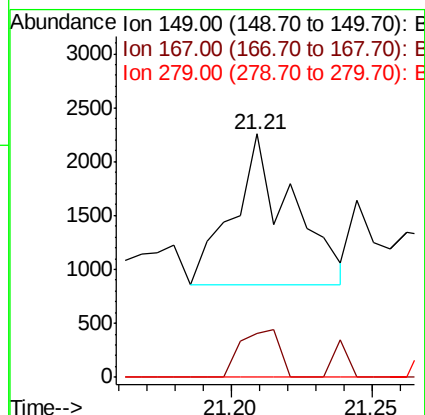
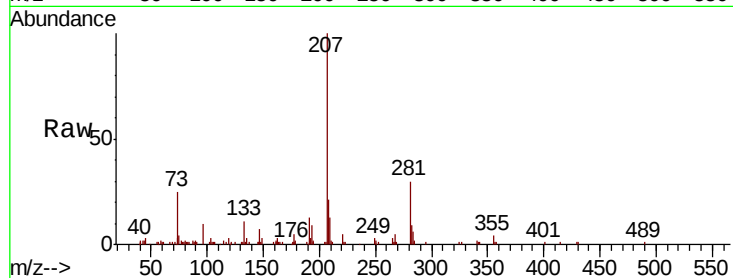




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.030 ng
 RT: 21.21 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BM018808.D
 Acq: 13 Feb 2019 18:58

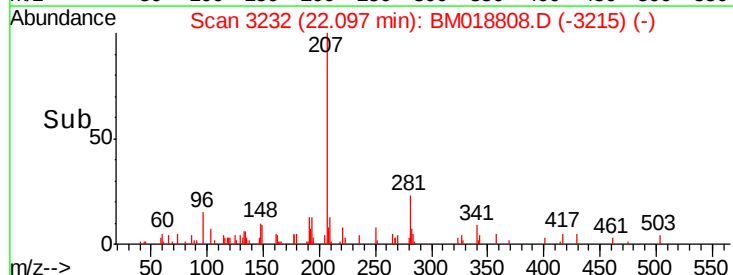
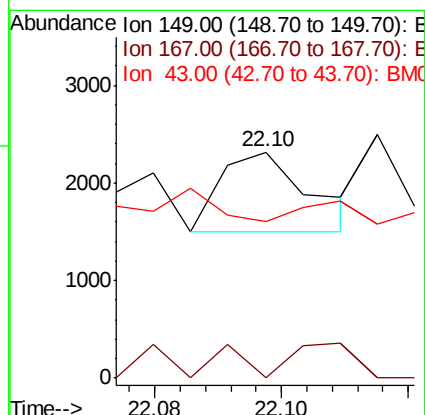
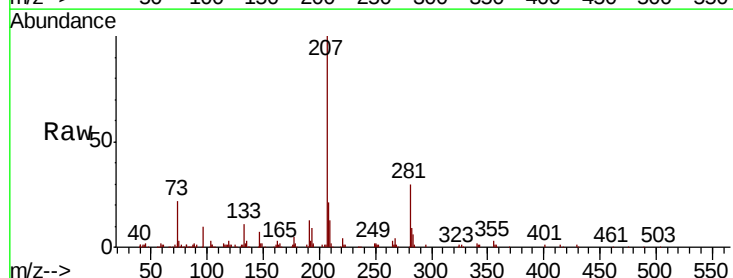
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-O

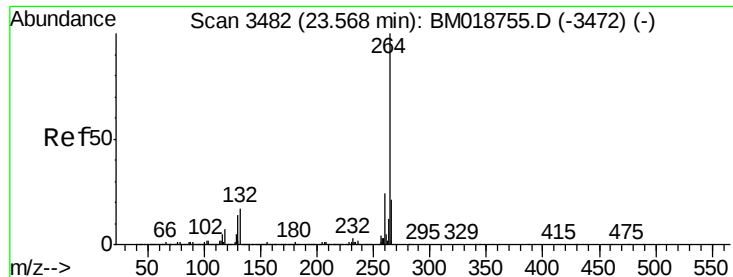
Tgt Ion:149 Resp: 2003
 Ion Ratio Lower Upper
 149 100
 167 18.1 21.8 32.6#
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 0.007 ng
 RT: 22.10 min Scan# 3232
 Delta R.T. -0.00 min
 Lab File: BM018808.D
 Acq: 13 Feb 2019 18:58

Tgt Ion:149 Resp: 791
 Ion Ratio Lower Upper
 149 100
 167 15.7 1.3 1.9#
 43 54.6 6.0 9.0#



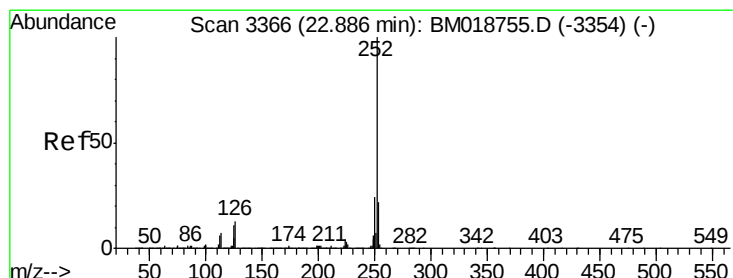
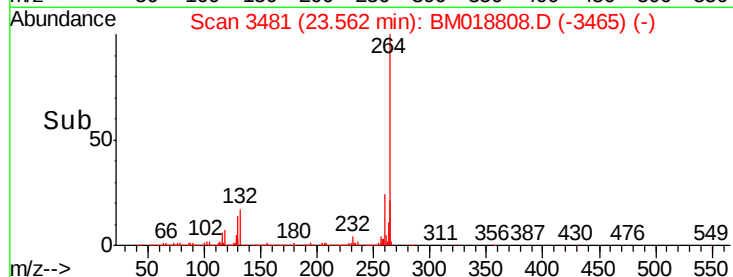
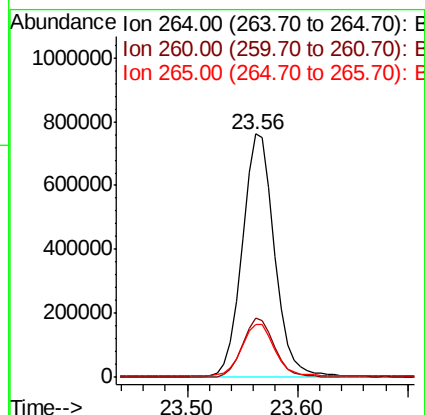
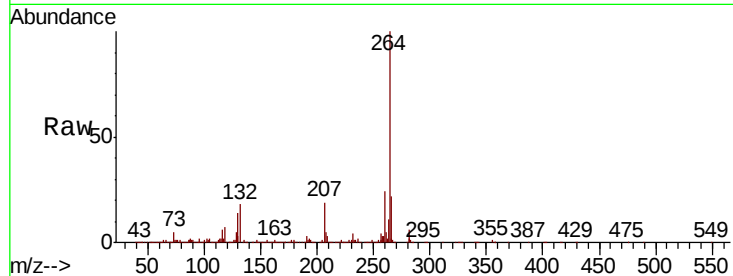


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

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

Tgt Ion:264 Resp: 1565354

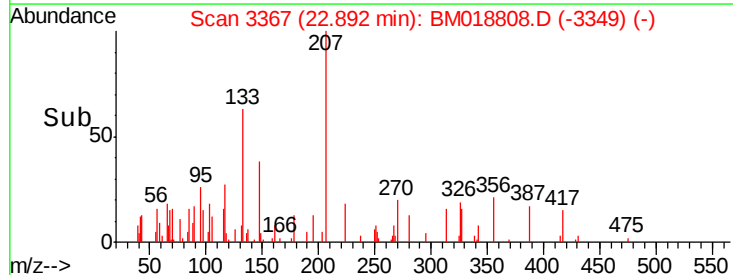
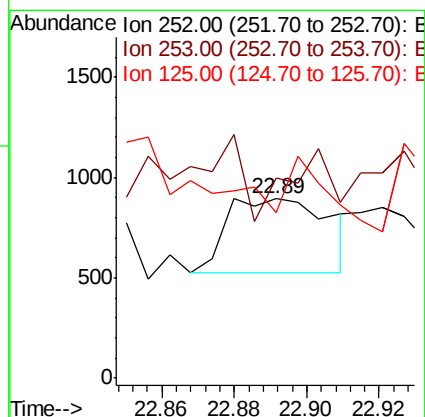
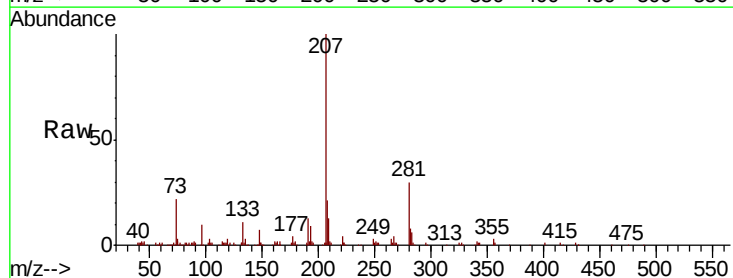
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	21.9	17.3	25.9

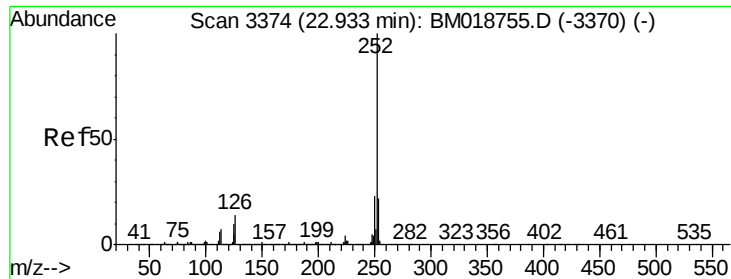


#88
Benzo(b)fluoranthene
Concen: 0.008 ng
RT: 22.89 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

Tgt Ion:252 Resp: 718

Ion	Ratio	Lower	Upper
252	100		
253	111.6	17.8	26.6#
125	92.6	8.6	12.8#

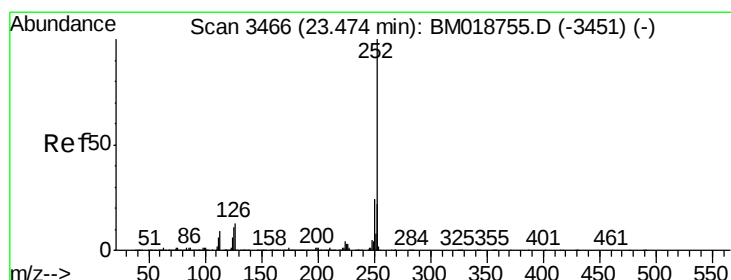
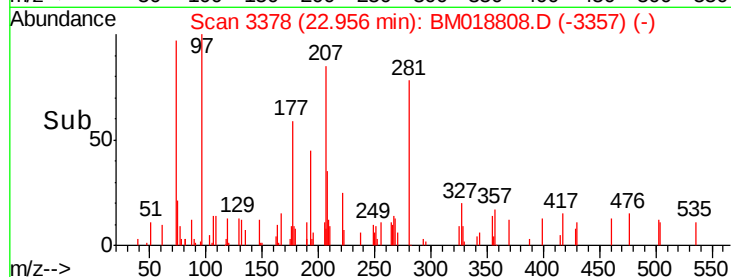
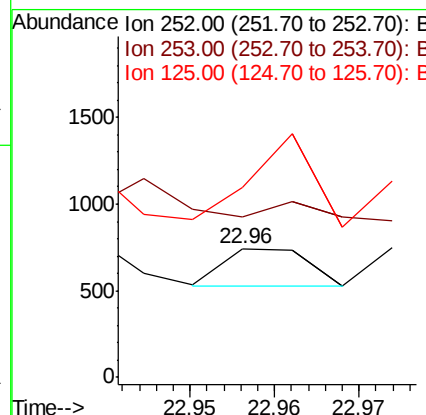
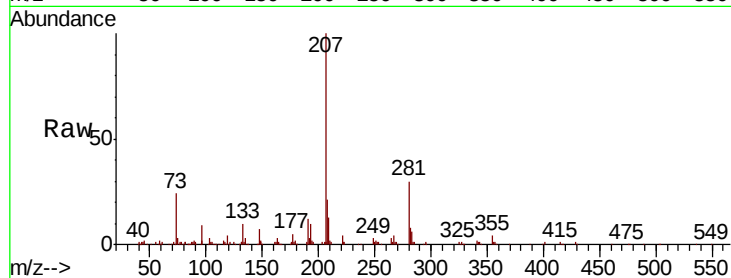




#89
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 22.96 min Scan# 3378
Delta R.T. 0.02 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

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

Tgt Ion: 252 Resp: 149
Ion Ratio Lower Upper
252 100
253 124.9 17.7 26.5#
125 147.6 8.2 12.4#



#90
Benzo(a)pyrene
Concen: 0.004 ng
RT: 23.46 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BM018808.D
Acq: 13 Feb 2019 18:58

Tgt Ion: 252 Resp: 333
Ion Ratio Lower Upper
252 100
253 85.7 17.4 26.0#
125 189.3 8.6 13.0#

