

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
 Data File : BM018318.D
 Acq On : 20 Dec 2018 04:14
 Operator : JU/SJ
 Sample : J6378-24
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS002-1218-01

Quant Time: Dec 20 05:48:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	123977	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	419732	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	203920	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	409667	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	504023	20.00	ng	-0.02
87) Perylene-d12	23.29	264	577838	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	1096050	147.68	ng	0.00
7) Phenol-d6	6.69	99	1415206	137.19	ng	-0.01
23) Nitrobenzene-d5	8.65	82	934718	114.23	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	398802	133.25	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	1435153	91.16	ng	-0.02
79) Terphenyl-d14	19.56	244	1819022	81.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.49	79	137	0.016	ng	# 10
4) n-Nitrosodimethylamine	3.36	42	1094	0.367	ng	# 1
6) Aniline	6.85	93	1124	0.087	ng	# 73
8) 2-Chlorophenol	7.05	128	110	0.013	ng	# 1
9) Benzaldehyde	6.70	77	6096	0.970	ng	# 14
10) Phenol	6.72	94	105171	9.627	ng	94
11) bis(2-Chloroethyl)ether	6.85	93	747	0.086	ng	# 23
15) Benzyl Alcohol	7.79	79	16951	2.017	ng	# 53
16) 2,2'-oxybis(1-Chloropropan	7.98	45	117	0.015	ng	# 1
17) 2-Methylphenol	7.95	107	2675	0.367	ng	# 67
20) 3+4-Methylphenols	8.28	107	9646	0.944	ng	# 82
22) Acetophenone	8.31	105	127	0.011	ng	# 1
24) Nitrobenzene	8.65	77	4798	0.587	ng	# 37
25) Isophorone	9.21	82	164	0.012	ng	# 66
27) 2,4-Dimethylphenol	9.48	122	927	0.160	ng	96
30) 1,2,4-Trichlorobenzene	10.12	180	9547	1.310	ng	# 85
31) Naphthalene	10.30	128	1960	0.095	ng	# 69
36) 4-Chloro-3-methylphenol	11.62	107	292	0.038	ng	# 20
37) 2-Methylnaphthalene	11.94	142	858	0.059	ng	# 75
38) 1-Methylnaphthalene	12.15	142	1216	0.086	ng	# 87
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	492	0.070	ng	# 65
46) 1,1'-Biphenyl	12.97	154	3214	0.175	ng	# 86
49) Acenaphthylene	13.87	152	6907	0.339	ng	# 91
50) Dimethylphthalate	13.62	163	71348	4.209	ng	# 98
51) 2,6-Dinitrotoluene	13.67	165	109	0.029	ng	# 22
52) Acenaphthene	14.20	154	183	0.015	ng	# 5
55) Dibenzofuran	14.56	168	111	0.006	ng	# 44
58) Fluorene	15.22	166	1234	0.080	ng	# 72
60) Diethylphthalate	14.99	149	707	0.039	ng	# 59
63) Azobenzene	15.49	77	325	0.019	ng	# 51
71) Phenanthrene	16.95	178	20563	0.924	ng	# 94
72) Anthracene	17.05	178	7106	0.322	ng	94
73) Carbazole	17.34	167	484	0.021	ng	# 60
74) Di-n-butylphthalate	17.89	149	2659	0.095	ng	# 78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

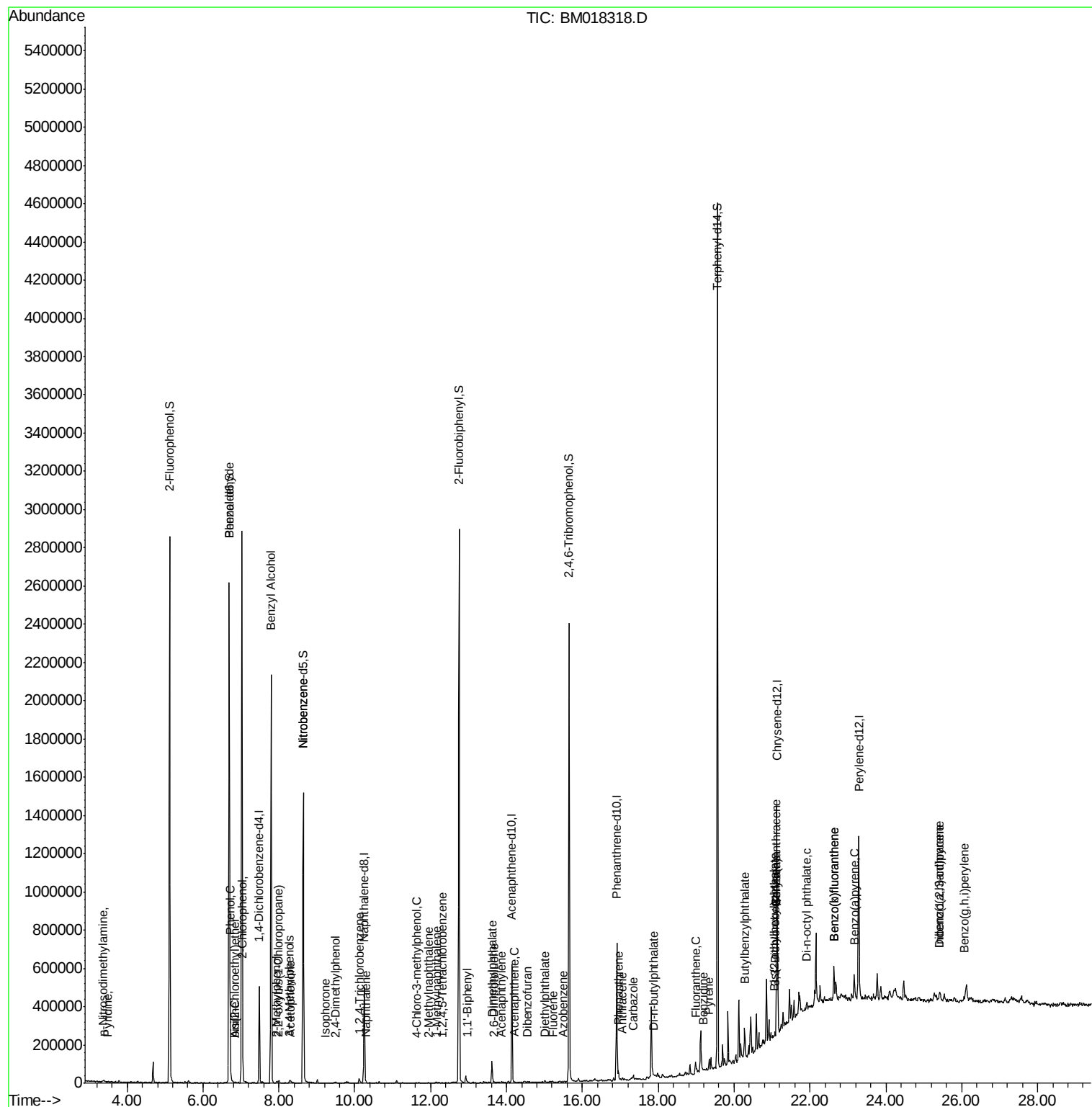
75) Fluoranthene	18.98	202	20079	0.776	ng	95
77) Benzidine	19.19	184	170	0.013	ng	# 67
78) Pyrene	19.35	202	31436	1.047	ng	100
80) Butylbenzylphthalate	20.27	149	1023	0.072	ng	# 15
81) Benzo(a)anthracene	21.11	228	19761	0.671	ng	# 92
82) 3,3'-Dichlorobenzidine	21.07	252	1401	0.119	ng	# 67
83) Chrysene	21.11	228	19489	0.688	ng	95
84) Bis(2-ethylhexyl)phthalate	21.05	149	2802	0.132	ng	# 93
85) Di-n-octyl phthalate	21.90	149	1097	0.031	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.42	276	17233	0.611	ng	# 81
88) Benzo(b)fluoranthene	22.66	252	35632	1.098	ng	# 77
89) Benzo(k)fluoranthene	22.66	252	36152	1.118	ng	# 76
90) Benzo(a)pyrene	23.19	252	21597	0.700	ng	# 80
91) Dibenzo(a,h)anthracene	25.42	278	6744	0.236	ng	# 35
92) Benzo(g,h,i)perylene	26.07	276	21351	0.790	ng	# 93

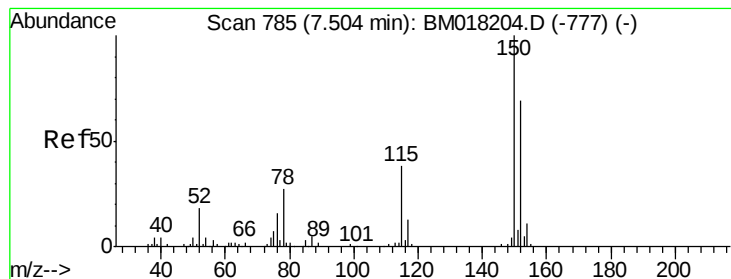
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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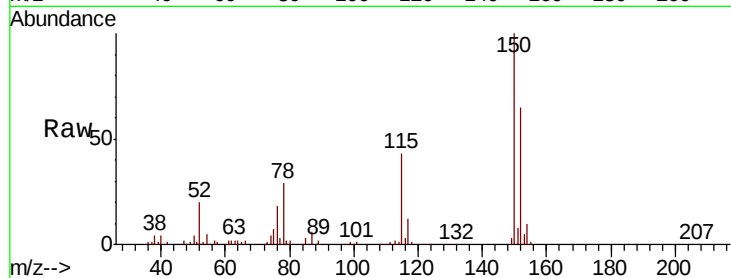


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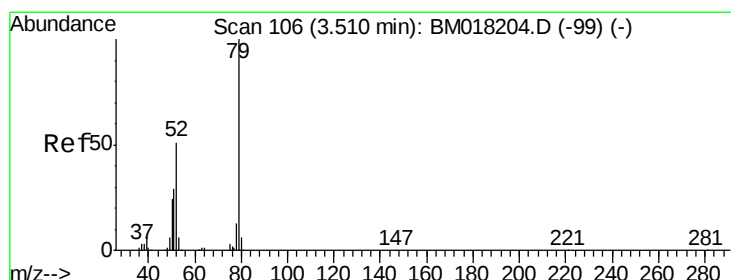
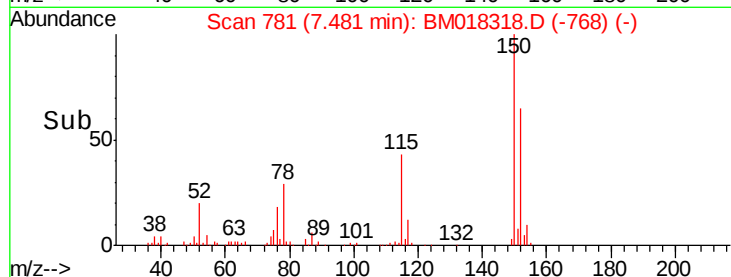
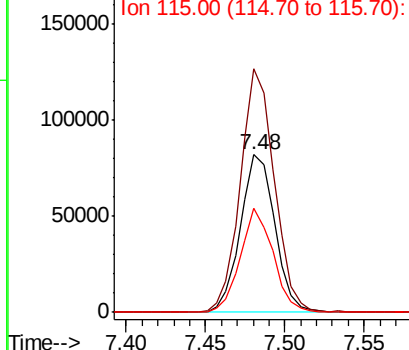
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

Instrument :
BNA_M
ClientSampleId :
P001-SS002-1218-01

Tgt Ion: 152 Resp: 123977
Ion Ratio Lower Upper
152 100
150 154.9 116.1 174.1
115 65.9 44.6 67.0



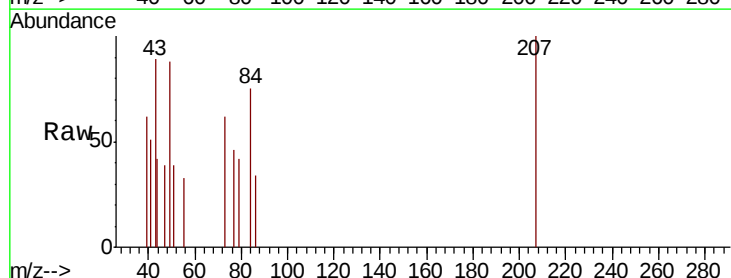
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



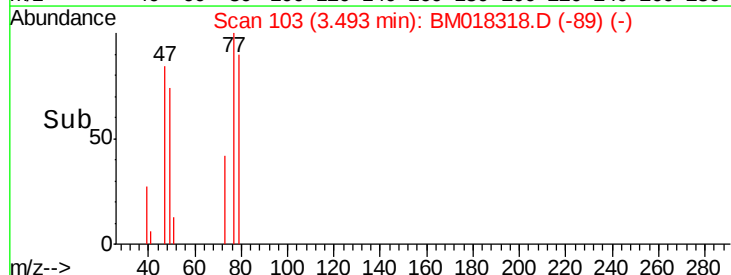
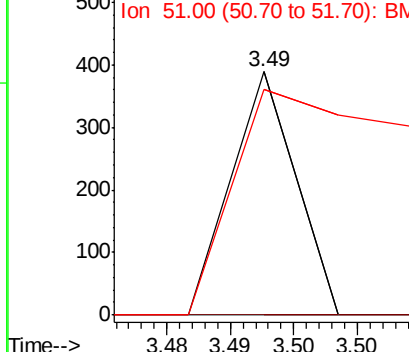
#3

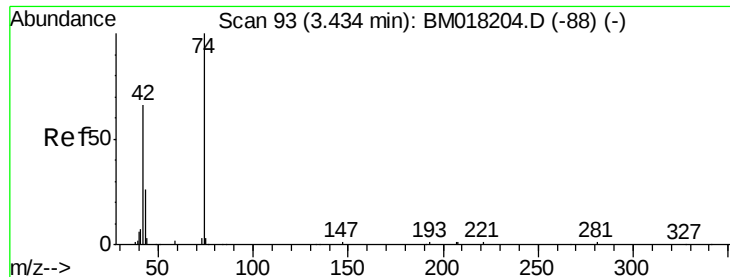
Pyridine
Concen: 0.016 ng
RT: 3.49 min Scan# 103
Delta R.T. -0.02 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

Tgt Ion: 79 Resp: 137
Ion Ratio Lower Upper
79 100
52 0.0 40.7 61.1#
51 92.5 23.0 34.6#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#4

n-Nitrosodimethylamine

Concen: 0.367 ng

RT: 3.36 min Scan# 81

Delta R.T. -0.07 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Instrument :

BNA_M

ClientSampleId :

P001-SS002-1218-01

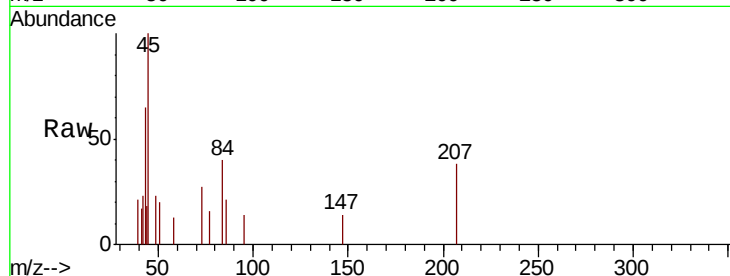
Tgt Ion: 42 Resp: 1094

Ion Ratio Lower Upper

42 100

74 0.0 120.4 180.6#

44 77.5 4.6 7.0#

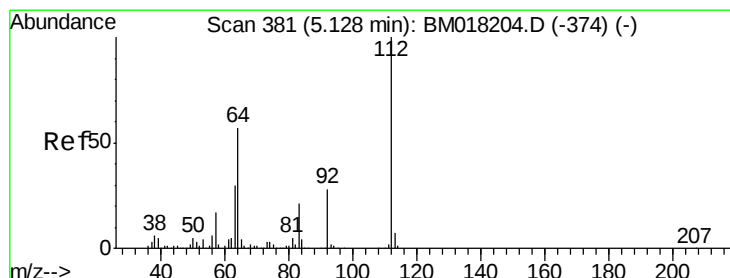
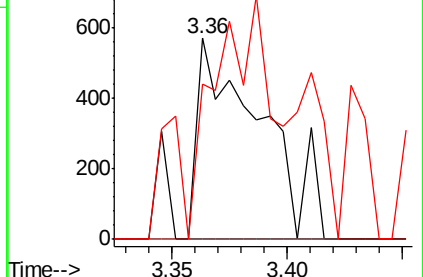
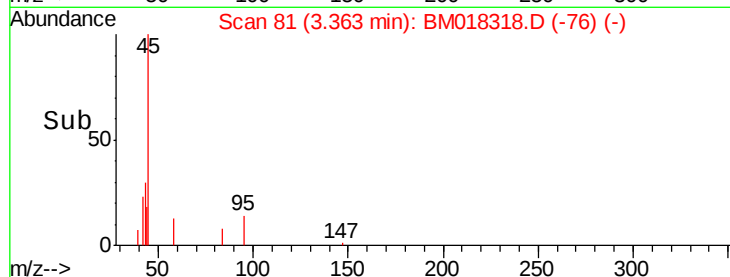


Abundance Ion 42.00 (41.70 to 42.70): BM018318.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM018318.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM018318.D (-88) (-)

Time-->



#5

2-Fluorophenol

Concen: 147.683 ng

RT: 5.12 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

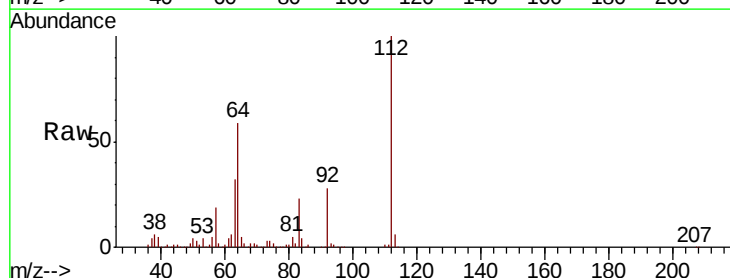
Tgt Ion: 112 Resp: 1096050

Ion Ratio Lower Upper

112 100

64 58.9 45.4 68.2

63 32.0 24.0 36.0

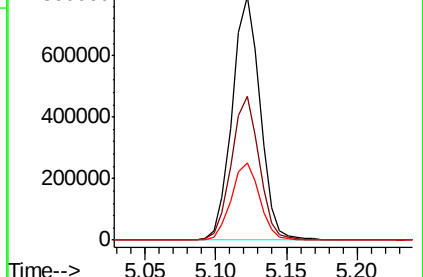
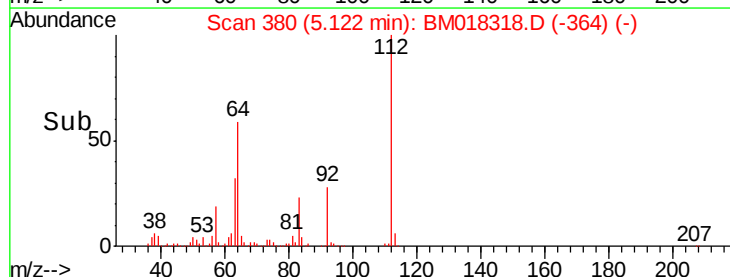


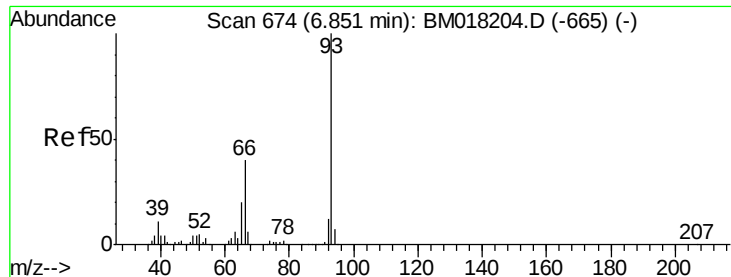
Abundance Ion 112.00 (111.70 to 112.70): BM018318.D (-374) (-)

Ion 64.00 (63.70 to 64.70): BM018318.D (-374) (-)

Ion 63.00 (62.70 to 63.70): BM018318.D (-374) (-)

Time-->





#6

Aniline

Concen: 0.087 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Instrument :

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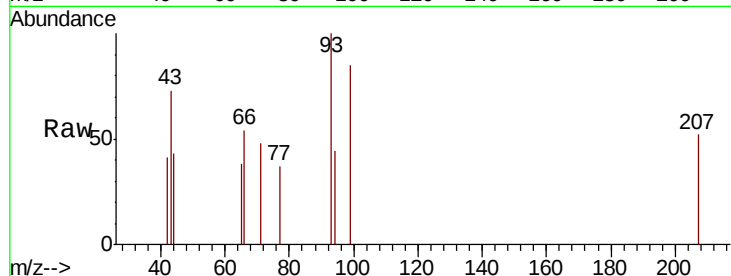
Tgt Ion: 93 Resp: 1124

Ion Ratio Lower Upper

93 100

66 54.0 32.3 48.5#

65 38.1 16.2 24.4#

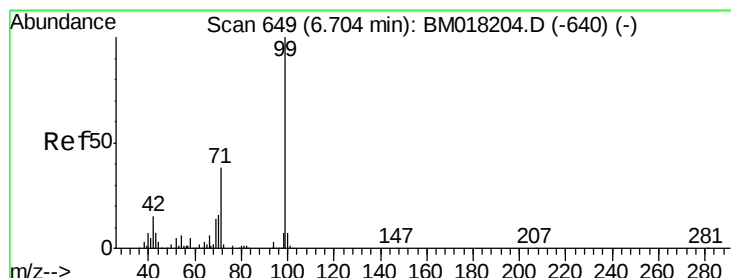
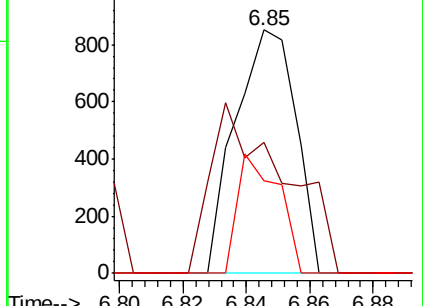
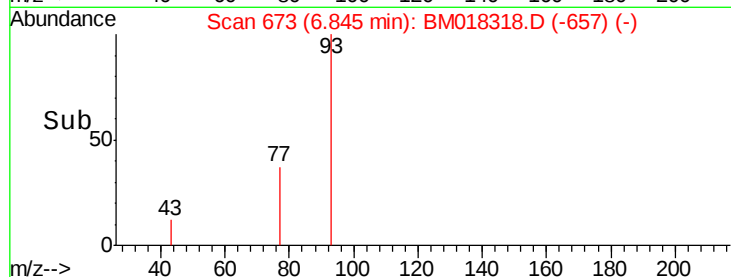


Abundance Ion 93.00 (92.70 to 93.70): BM018318.D (-657) (-)

Ion 66.00 (65.70 to 66.70): BM018318.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BM018318.D (-657) (-)

Time-->



#7

Phenol-d6

Concen: 137.193 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

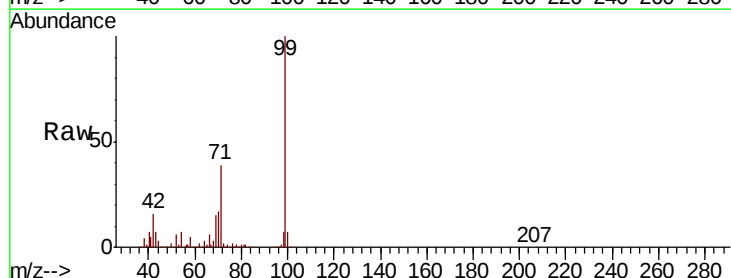
Tgt Ion: 99 Resp: 1415206

Ion Ratio Lower Upper

99 100

42 15.8 12.3 18.5

71 39.1 30.2 45.2

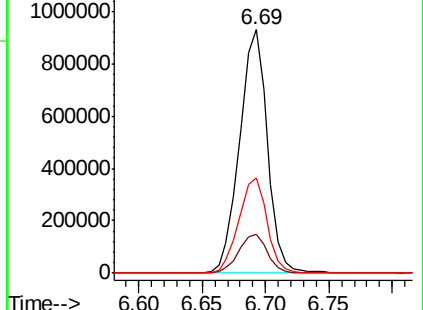
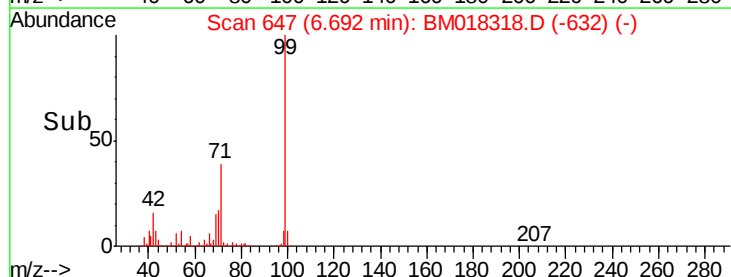


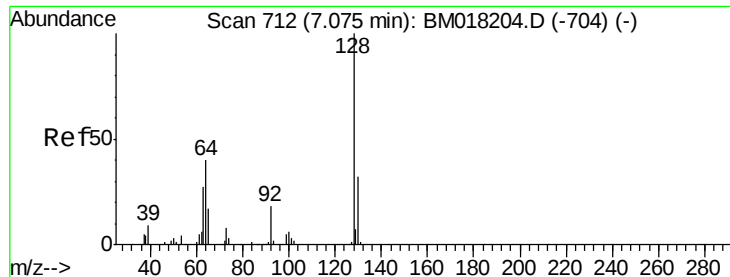
Abundance Ion 99.00 (98.70 to 99.70): BM018318.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018318.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018318.D (-632) (-)

Time-->





#8

2-Chlorophenol

Concen: 0.013 ng

RT: 7.05 min Scan# 708

Delta R.T. -0.02 min

Lab File: BM018318.D

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ClientSampleId :

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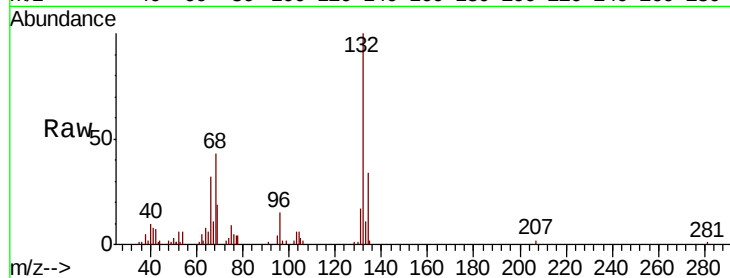
Tgt Ion:128 Resp: 110

Ion Ratio Lower Upper

128 100

130 127.3 12.3 52.3#

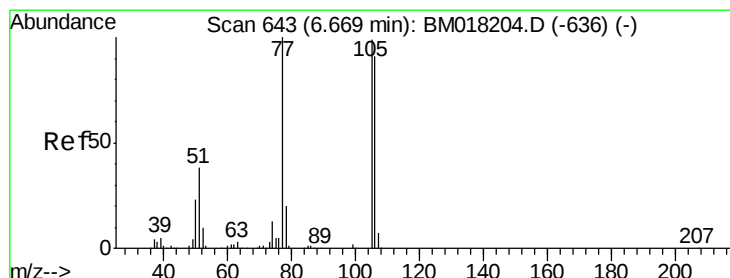
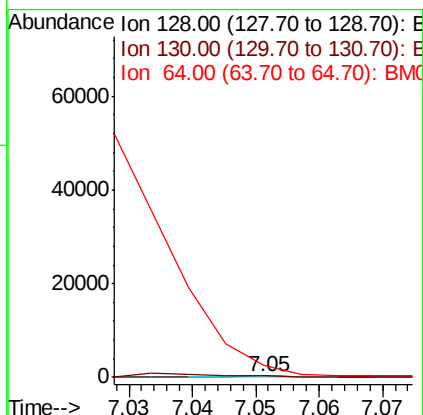
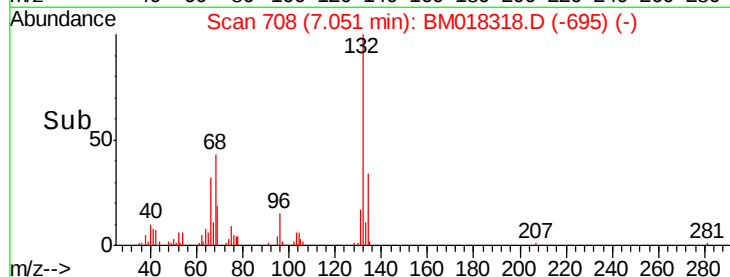
64 804.5 24.1 64.1#



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: 0.970 ng

RT: 6.70 min Scan# 648

Delta R.T. 0.03 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

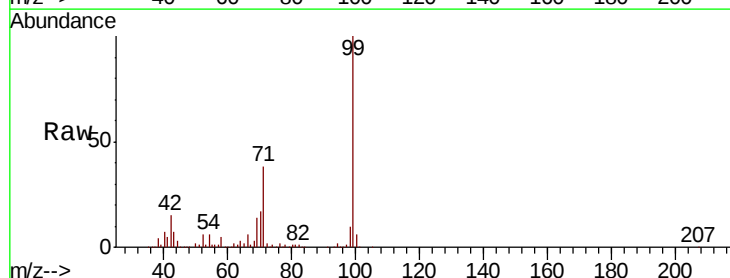
Tgt Ion: 77 Resp: 6096

Ion Ratio Lower Upper

77 100

105 22.2 78.8 118.8#

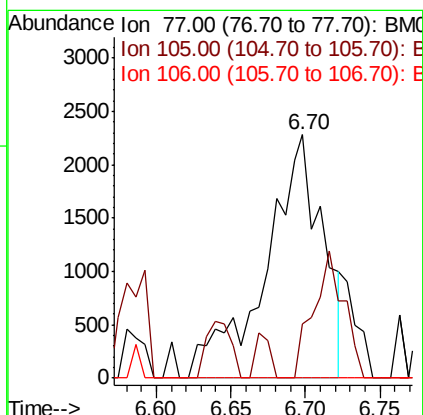
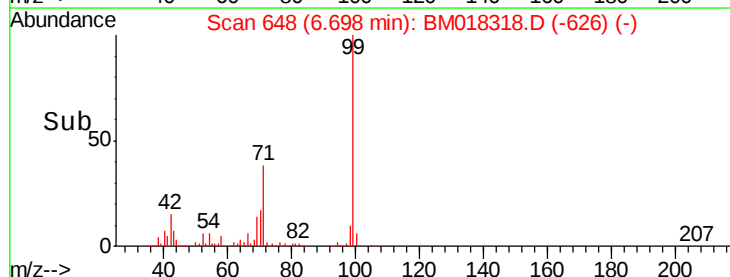
106 0.0 70.7 110.7#

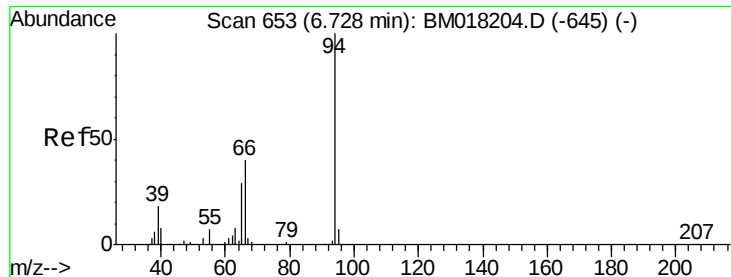


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 9.627 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

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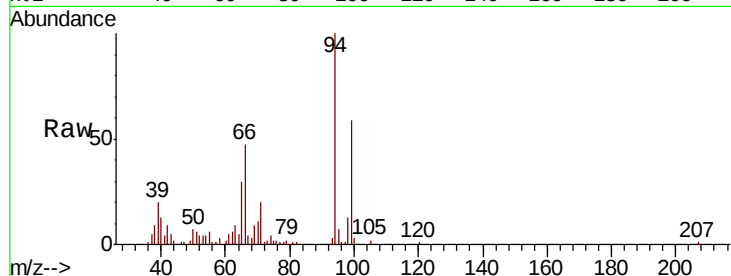
Tgt Ion: 94 Resp: 105171

Ion Ratio Lower Upper

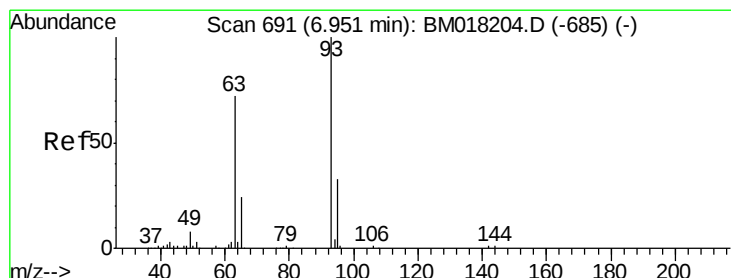
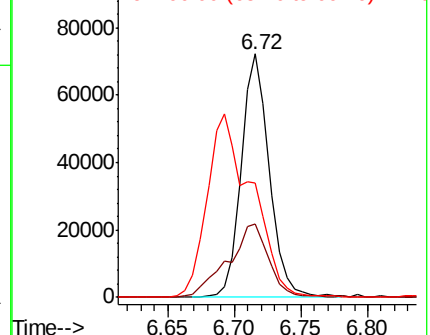
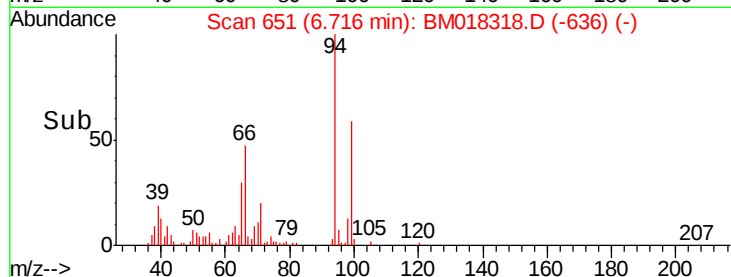
94 100

65 30.3 9.5 49.5

66 47.2 21.3 61.3



Abundance Ion 94.00 (93.70 to 94.70): BM018318.D (-636) (-)



#11

bis(2-Chloroethyl)ether

Concen: 0.086 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.11 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

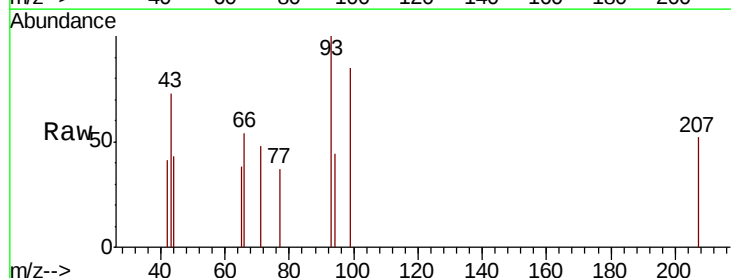
Tgt Ion: 93 Resp: 747

Ion Ratio Lower Upper

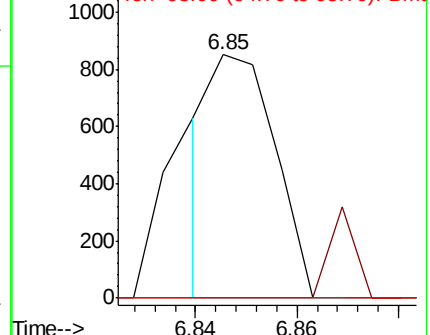
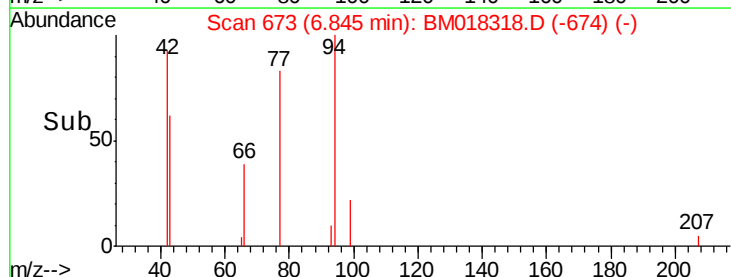
93 100

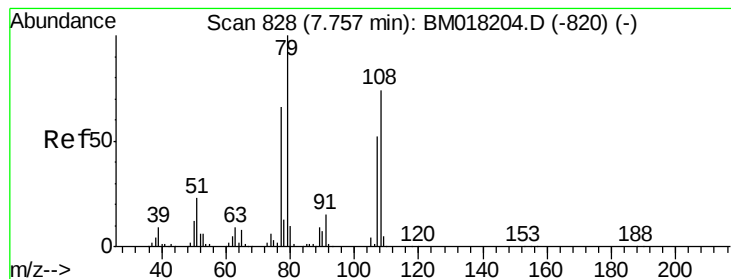
63 0.0 51.7 91.7#

95 0.0 13.1 53.1#



Abundance Ion 93.00 (92.70 to 93.70): BM018318.D (-674) (-)





#15

Benzyl Alcohol

Concen: 2.017 ng

RT: 7.79 min Scan# 834

Delta R.T. 0.04 min

Lab File: BM018318.D

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P001-SS002-1218-01

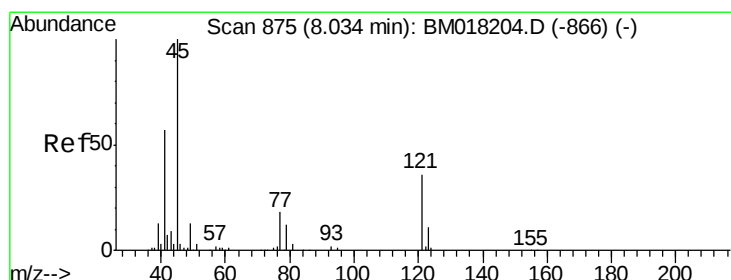
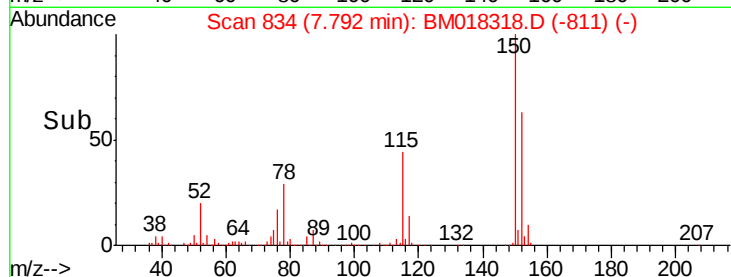
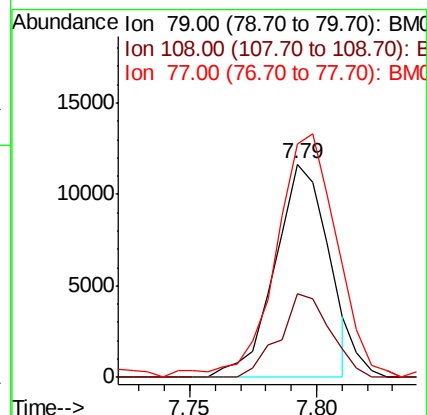
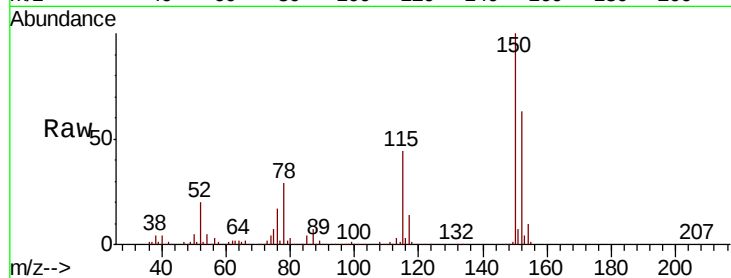
Tgt Ion: 79 Resp: 16951

Ion Ratio Lower Upper

79 100

108 39.3 59.3 88.9#

77 109.4 53.0 79.4#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.015 ng

RT: 7.98 min Scan# 866

Delta R.T. -0.05 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

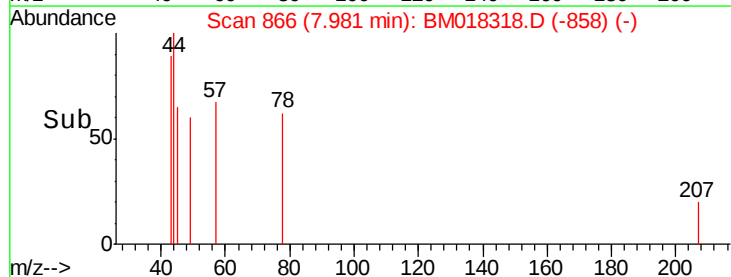
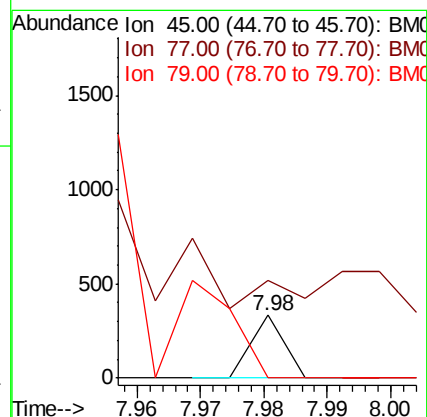
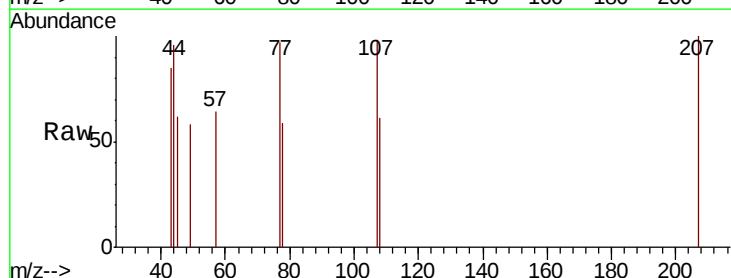
Tgt Ion: 45 Resp: 117

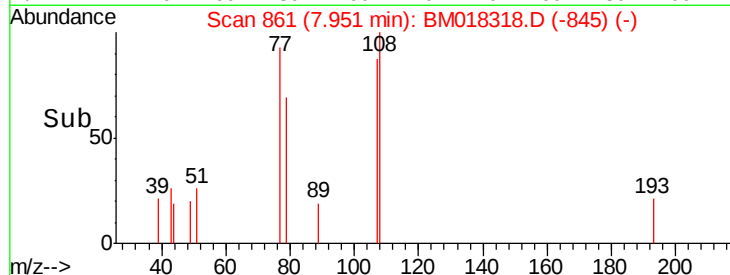
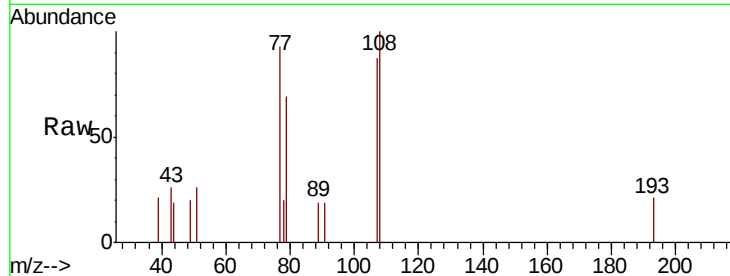
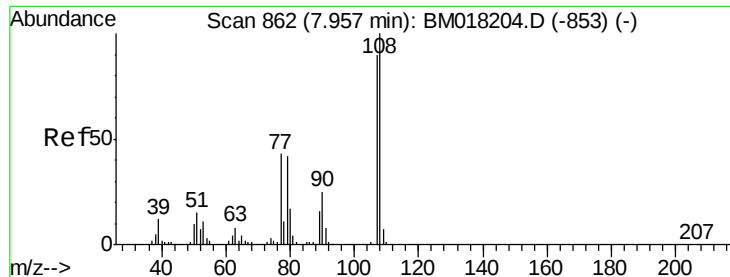
Ion Ratio Lower Upper

45 100

77 155.4 2.5 42.5#

79 0.0 0.0 37.2

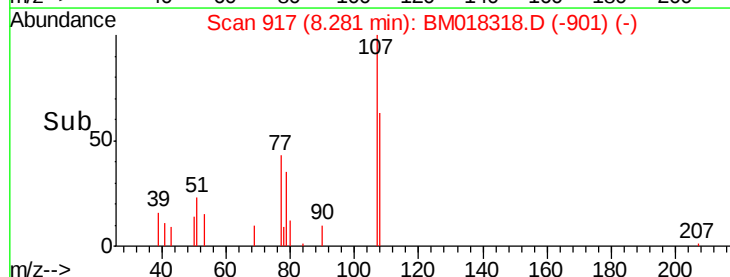
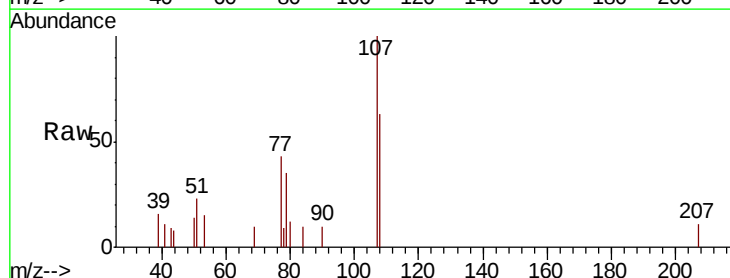
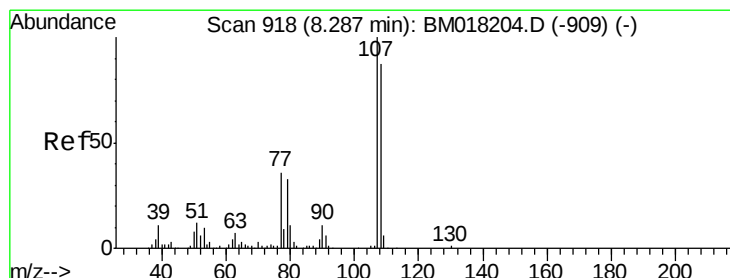
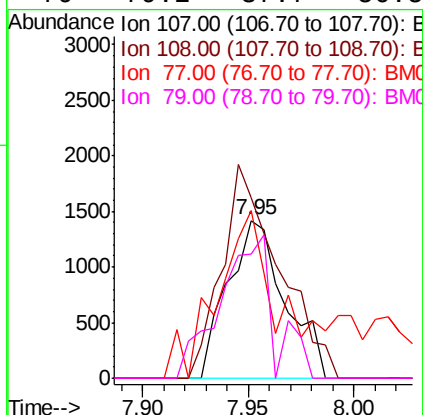




#17
2-Methylphenol
Concen: 0.367 ng
RT: 7.95 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

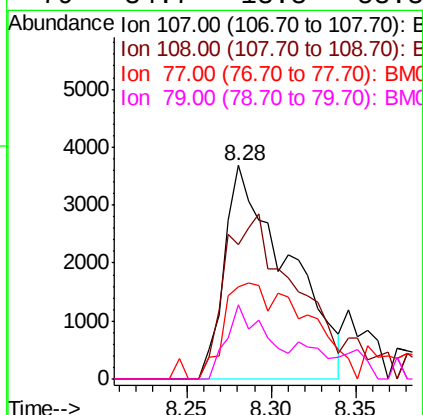
Instrument :
BNA_M
ClientSampleId :
P001-SS002-1218-01

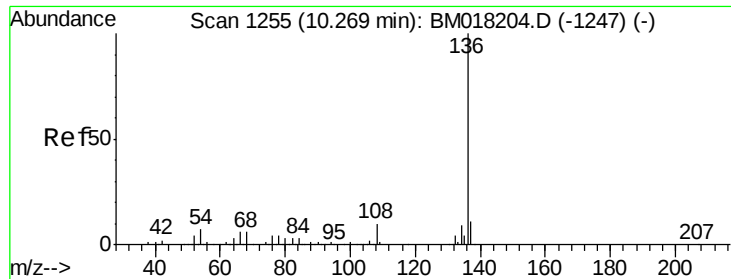
Tgt Ion:	107	Resp:	2675
Ion	Ratio	Lower	Upper
107	100		
108	114.5	89.3	133.9
77	106.3	38.2	57.4#
79	79.2	37.7	56.5#



#20
3+4-Methylphenols
Concen: 0.944 ng
RT: 8.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

Tgt Ion:	107	Resp:	9646
Ion	Ratio	Lower	Upper
107	100		
108	63.0	67.4	107.4#
77	43.2	15.7	55.7
79	34.7	13.3	53.3

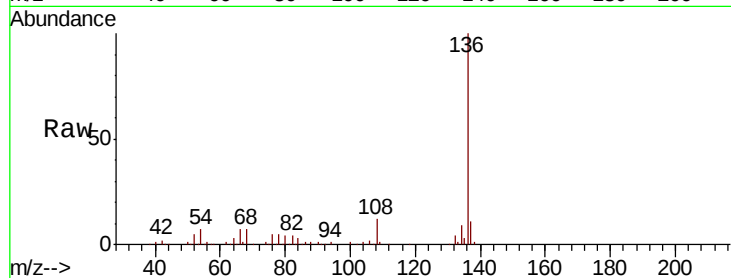




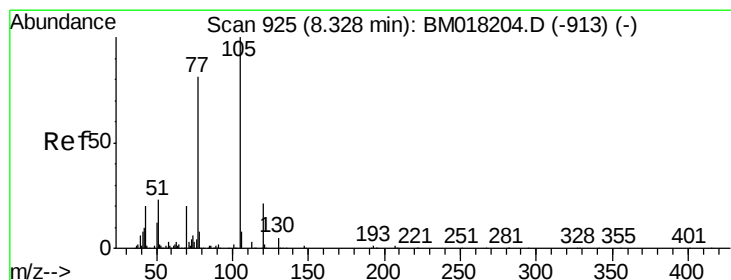
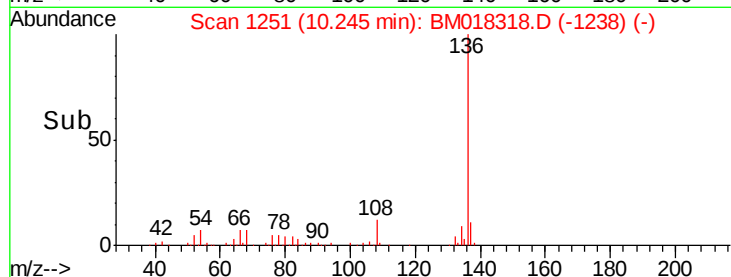
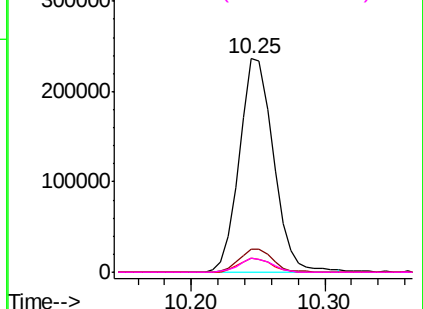
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

Instrument :
BNA_M
ClientSampleId :
P001-SS002-1218-01

Tgt Ion:	136	Resp:	419732
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.7	5.2	7.8
68	6.6	5.0	7.6

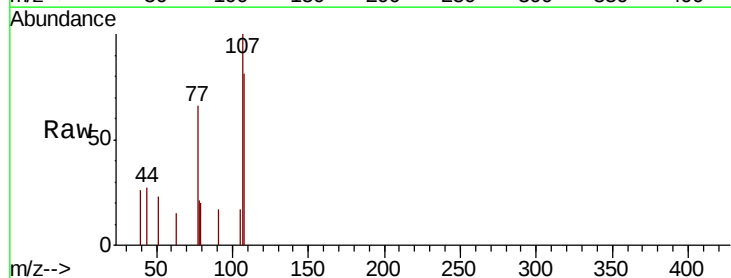


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

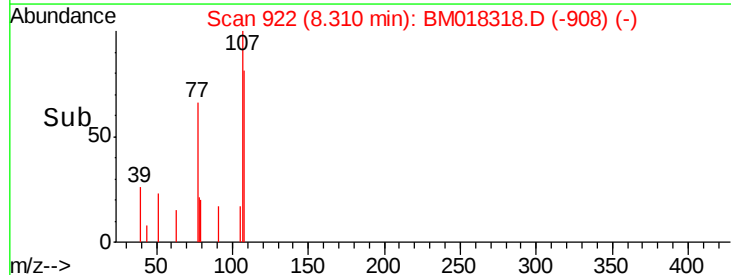
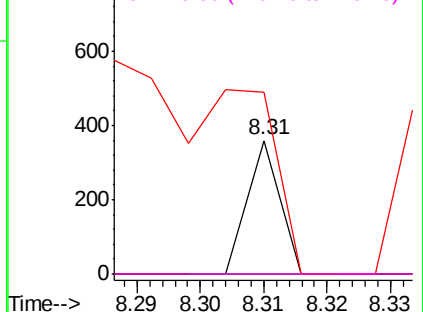


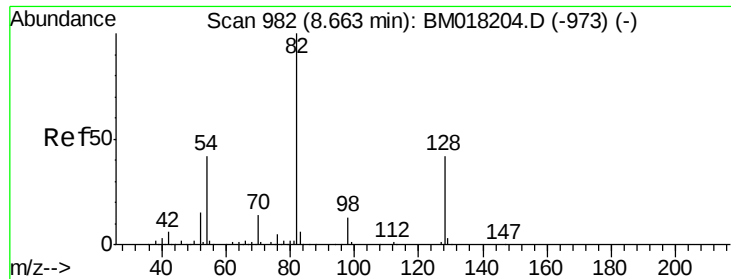
#22
Acetophenone
Concen: 0.011 ng
RT: 8.31 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

Tgt Ion:	105	Resp:	127
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.6	4.0#
51	136.1	18.3	27.5#
120	0.0	17.0	25.6#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

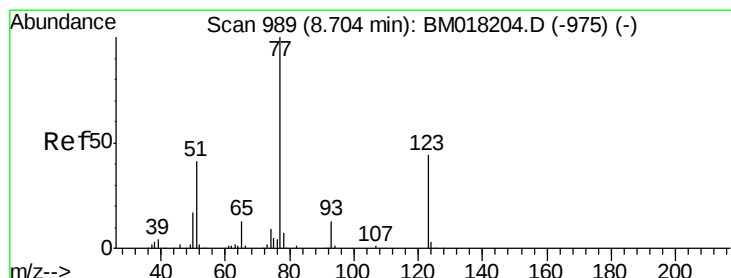
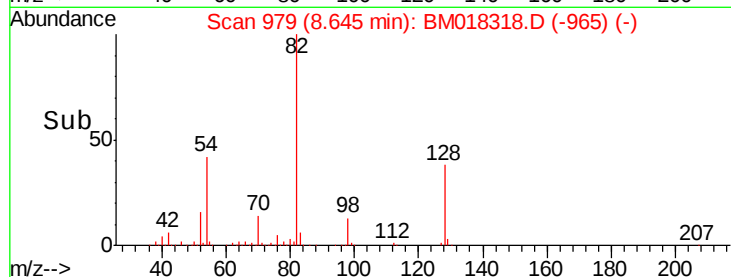
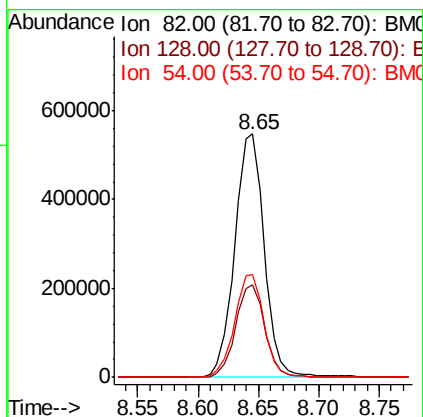
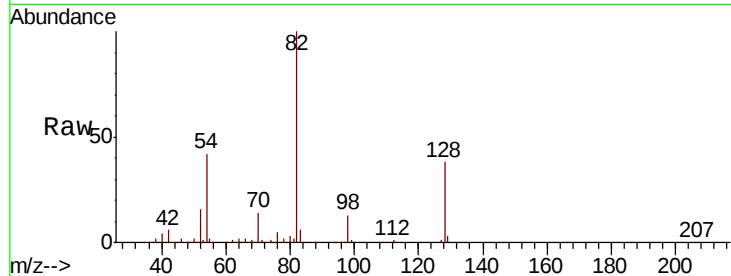




#23
 Nitrobenzene-d5
 Concen: 114.228 ng
 RT: 8.65 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BM018318.D
 Acq: 20 Dec 2018 04:14

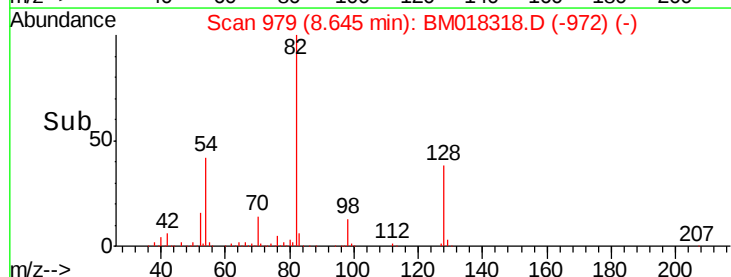
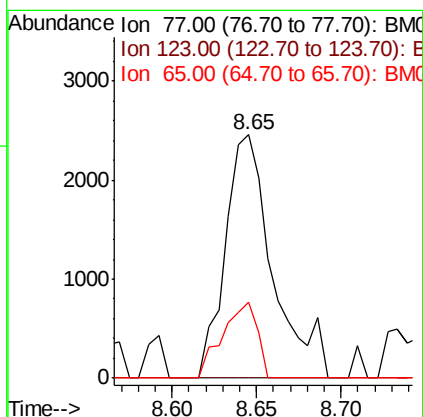
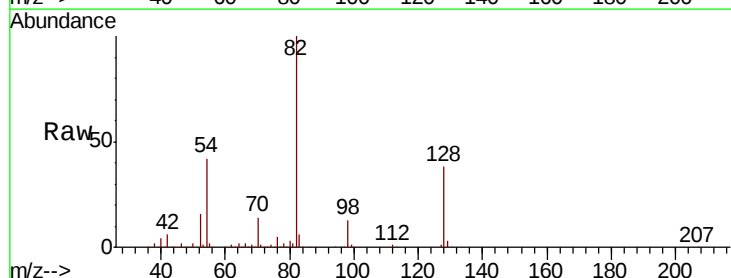
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS002-1218-01

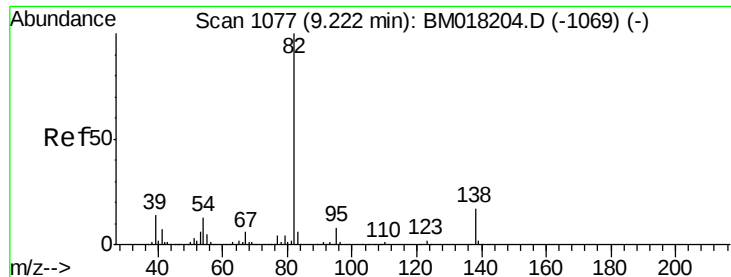
Tgt Ion: 82 Resp: 934718
 Ion Ratio Lower Upper
 82 100
 128 37.9 33.4 50.2
 54 42.3 33.4 50.2



#24
 Nitrobenzene
 Concen: 0.587 ng
 RT: 8.65 min Scan# 979
 Delta R.T. -0.06 min
 Lab File: BM018318.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 77 Resp: 4798
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.4 53.2#
 65 31.4 10.6 15.8#





#25

Isophorone

Concen: 0.012 ng

RT: 9.21 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Instrument :

BNA_M

ClientSampleId :

P001-SS002-1218-01

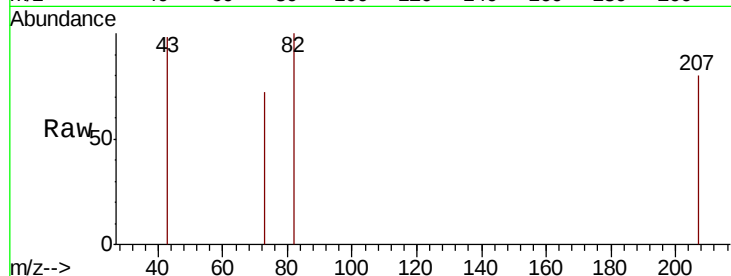
Tgt Ion: 82 Resp: 164

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 13.9 20.9#



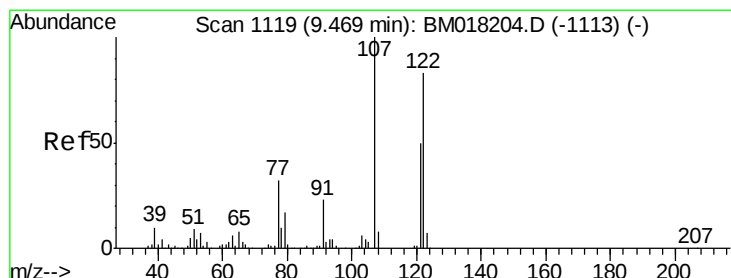
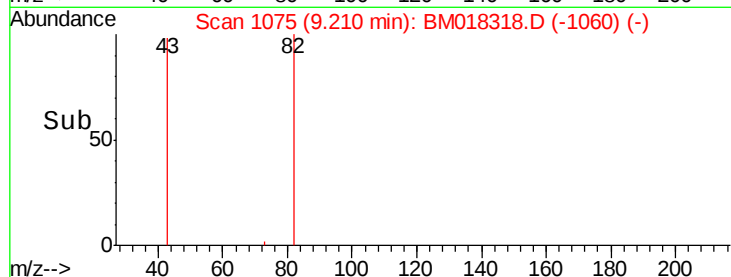
Abundance Ion 82.00 (81.70 to 82.70): BM018318.D (-1060) (-)

Ion 95.00 (94.70 to 95.70): BM018318.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BM018318.D (-1060) (-)

9.21

Time-->



#27

2,4-Dimethylphenol

Concen: 0.160 ng

RT: 9.48 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

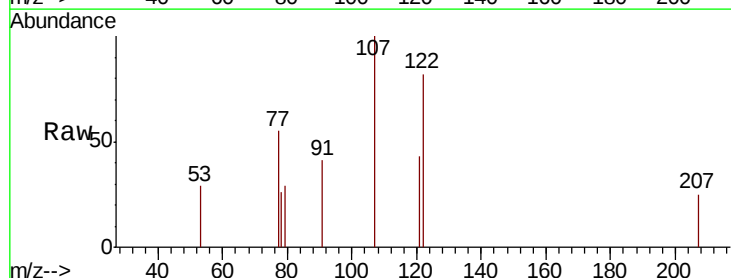
Tgt Ion: 122 Resp: 927

Ion Ratio Lower Upper

122 100

107 121.9 96.5 144.7

121 52.5 48.2 72.4



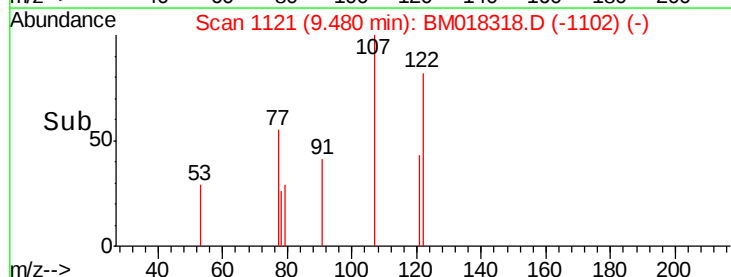
Abundance Ion 122.00 (121.70 to 122.70): BM018318.D (-1102) (-)

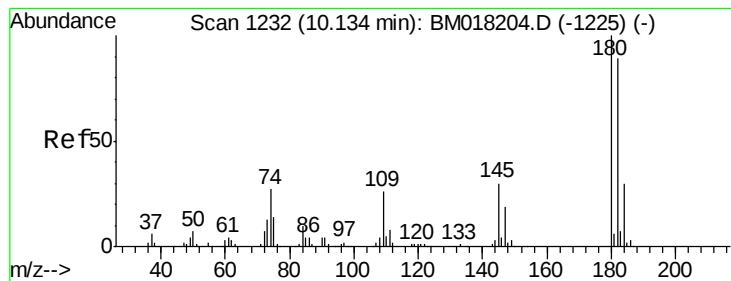
Ion 107.00 (106.70 to 107.70): BM018318.D (-1102) (-)

Ion 121.00 (120.70 to 121.70): BM018318.D (-1102) (-)

9.48

Time-->





#30

1,2,4-Trichlorobenzene

Concen: 1.310 ng

RT: 10.12 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Instrument :

BNA_M

ClientSampleId :

P001-SS002-1218-01

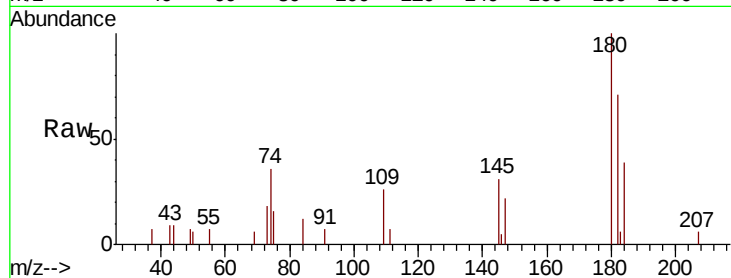
Tgt Ion:180 Resp: 9547

Ion Ratio Lower Upper

180 100

182 71.1 71.4 107.2#

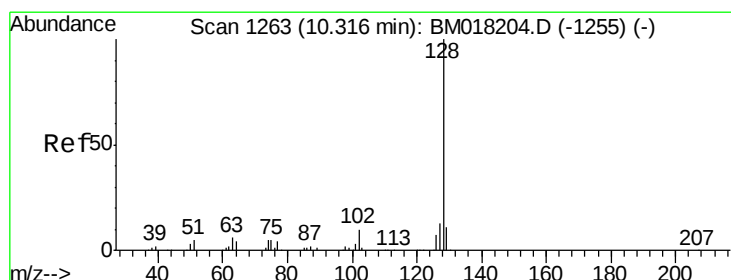
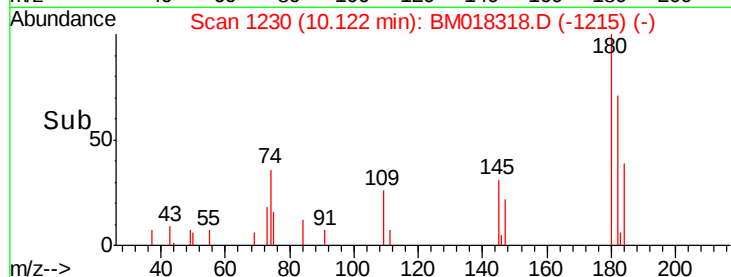
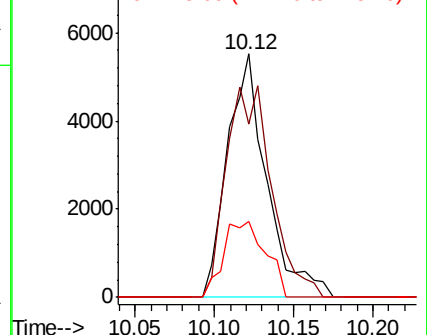
145 31.1 24.4 36.6



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 0.095 ng

RT: 10.30 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

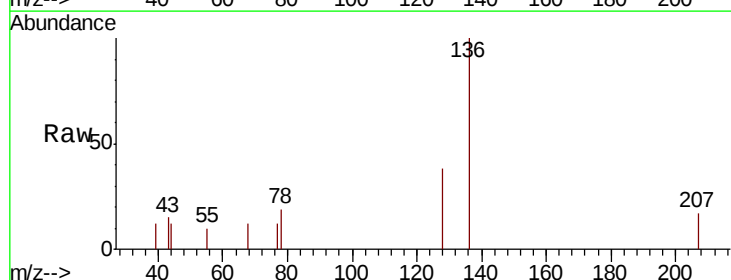
Tgt Ion:128 Resp: 1960

Ion Ratio Lower Upper

128 100

129 0.0 8.9 13.3#

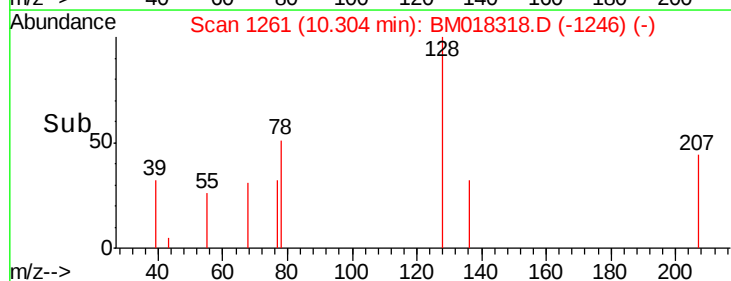
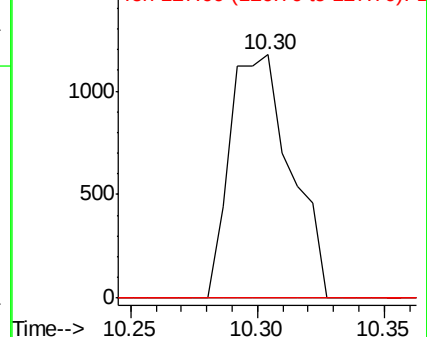
127 0.0 10.4 15.6#

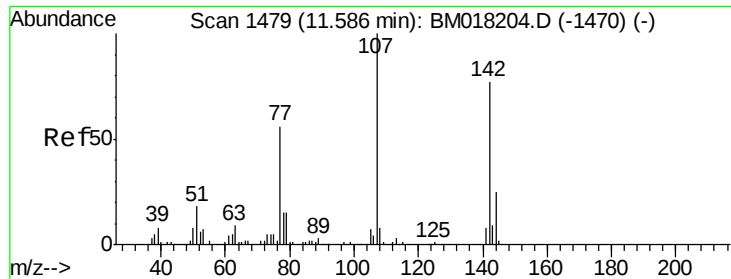


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

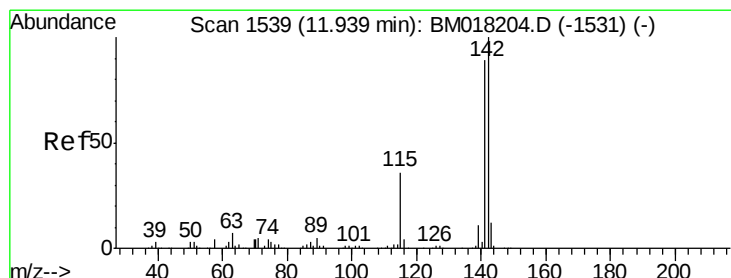
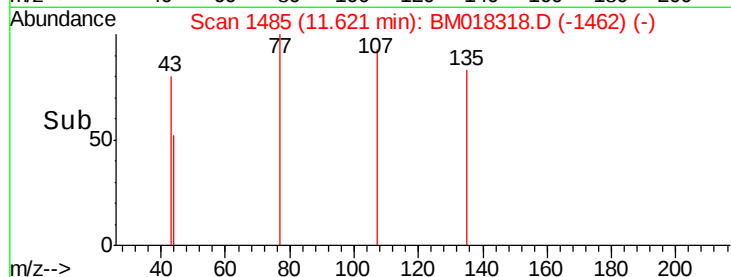
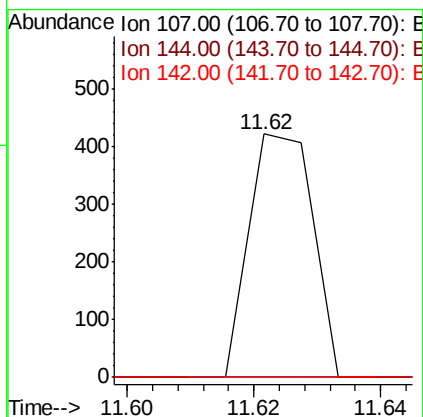
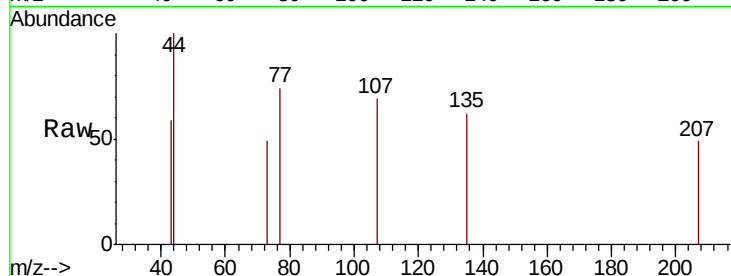




#36
 4-Chloro-3-methylphenol
 Concen: 0.038 ng
 RT: 11.62 min Scan# 1485
 Delta R.T. 0.04 min
 Lab File: BM018318.D
 Acq: 20 Dec 2018 04:14

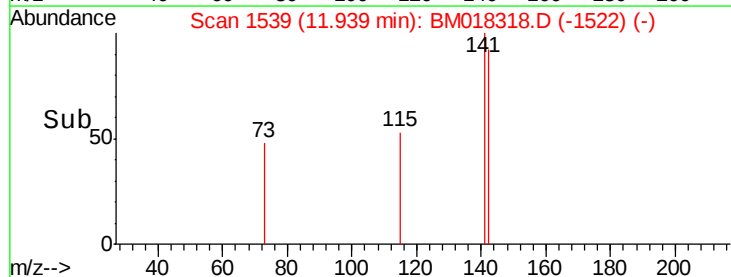
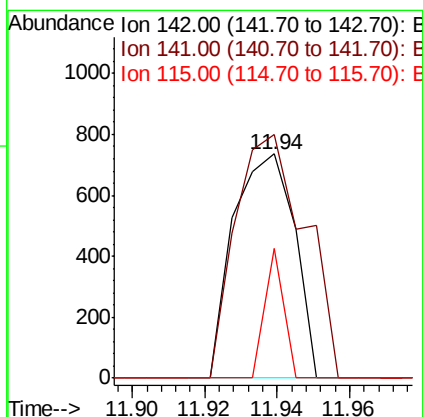
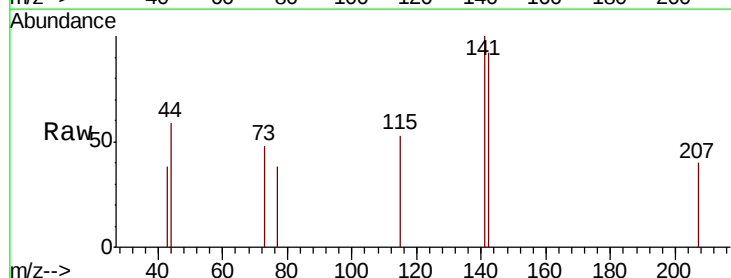
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS002-1218-01

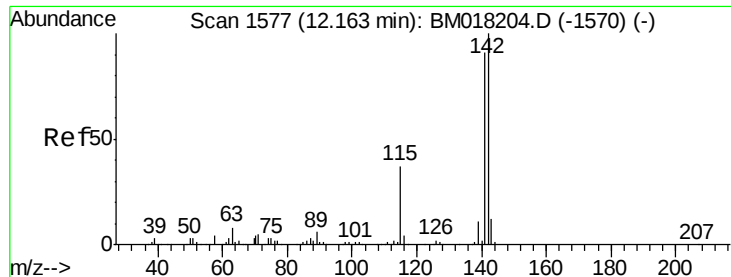
Tgt Ion:107 Resp: 292
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.1 30.1#
 142 0.0 61.7 92.5#



#37
 2-Methylnaphthalene
 Concen: 0.059 ng
 RT: 11.94 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BM018318.D
 Acq: 20 Dec 2018 04:14

Tgt Ion:142 Resp: 858
 Ion Ratio Lower Upper
 142 100
 141 108.6 71.4 107.2#
 115 58.0 29.0 43.6#

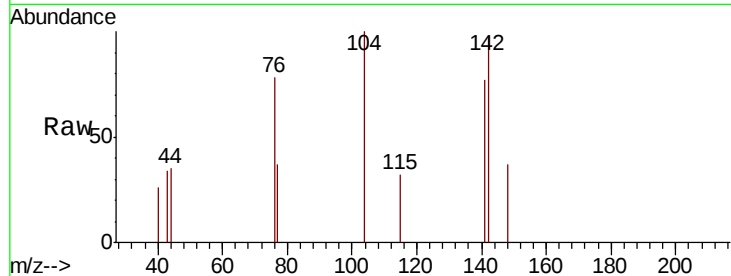




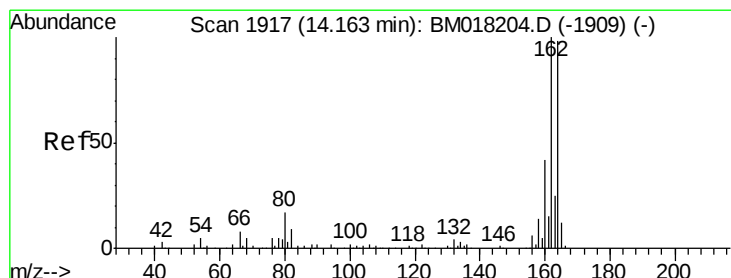
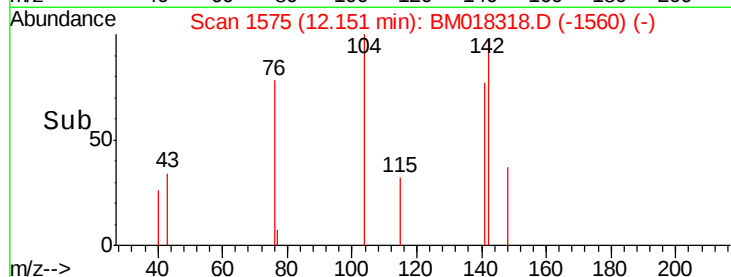
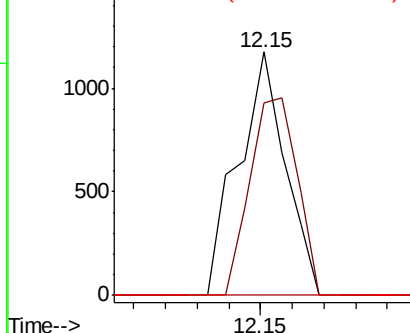
#38
1-Methylnaphthalene
Concen: 0.086 ng
RT: 12.15 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

Instrument :
BNA_M
ClientSampleId :
P001-SS002-1218-01

Tgt Ion:142 Resp: 1216
Ion Ratio Lower Upper
142 100
141 79.2 73.0 109.4
116 0.0 3.0 4.6#

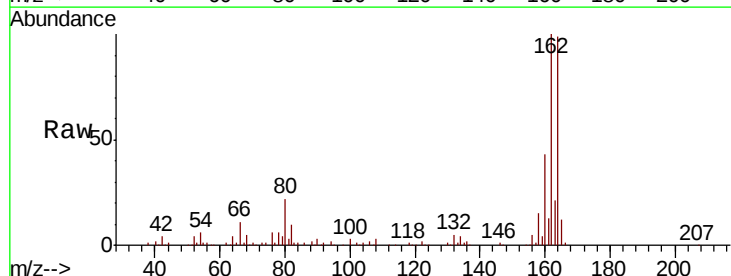


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

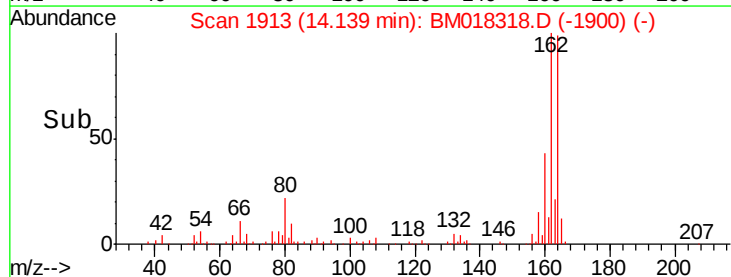
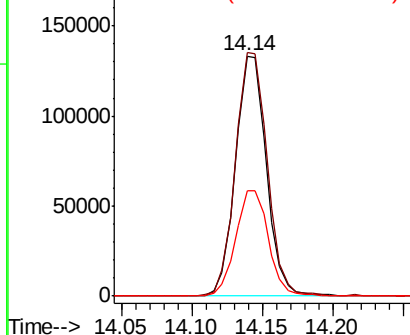


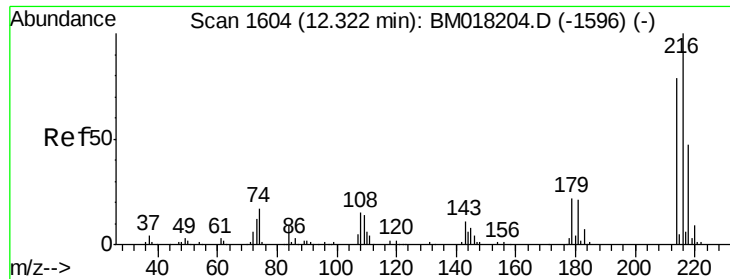
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

Tgt Ion:164 Resp: 203920
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 44.0 34.6 51.8



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

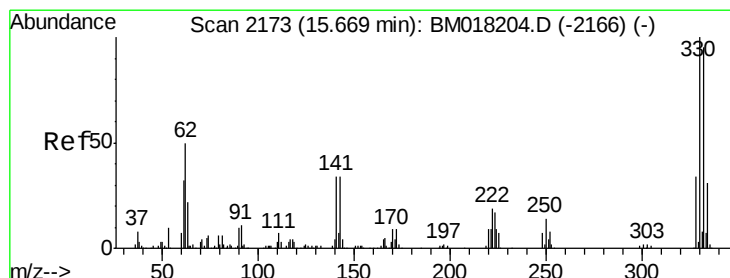
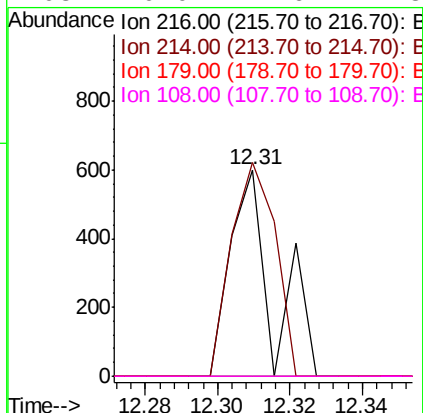
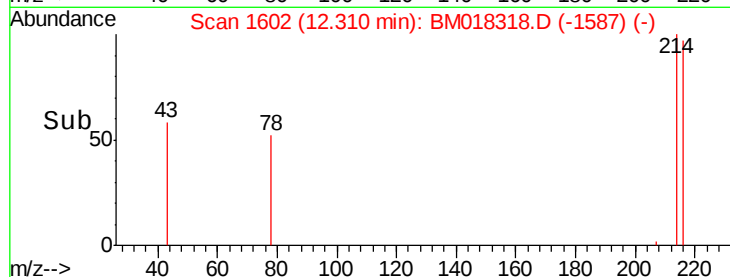
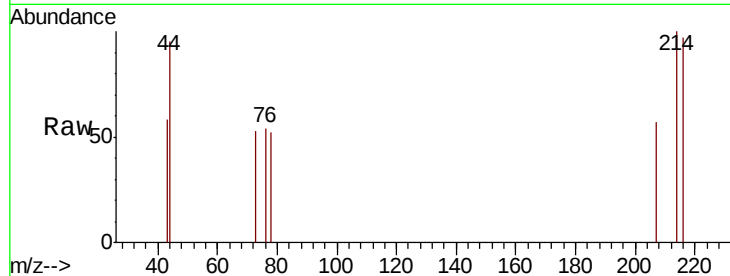




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.070 ng
 RT: 12.31 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BM018318.D
 Acq: 20 Dec 2018 04:14

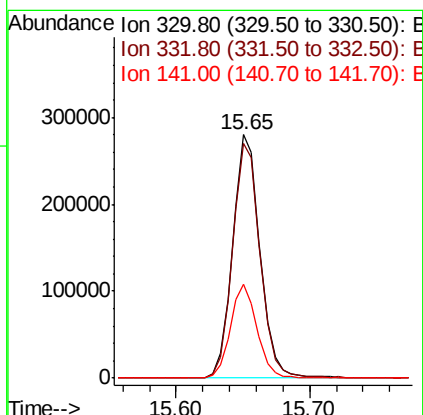
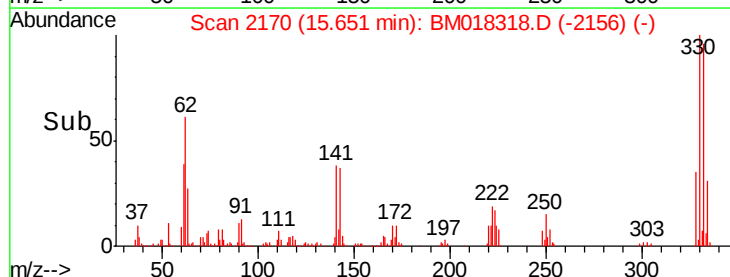
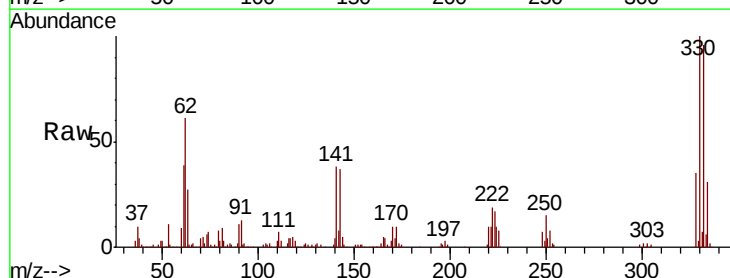
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS002-1218-01

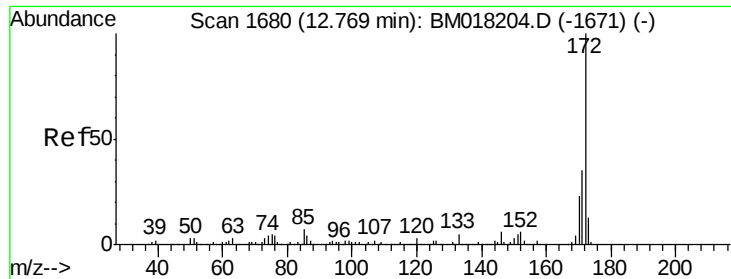
Tgt Ion:216 Resp: 492
 Ion Ratio Lower Upper
 216 100
 214 106.5 63.4 95.0#
 179 0.0 17.2 25.8#
 108 0.0 14.6 21.8#



#42
 2,4,6-Tribromophenol
 Concen: 133.246 ng
 RT: 15.65 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BM018318.D
 Acq: 20 Dec 2018 04:14

Tgt Ion:330 Resp: 398802
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.6 118.0
 141 38.0 27.1 40.7

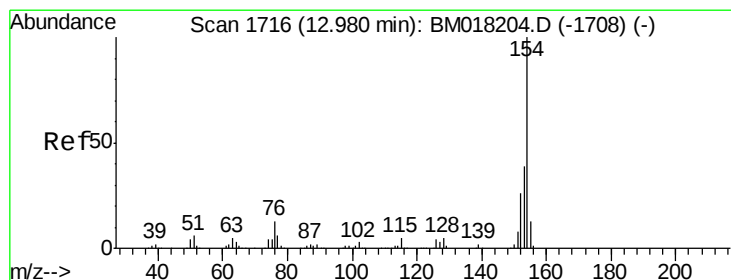
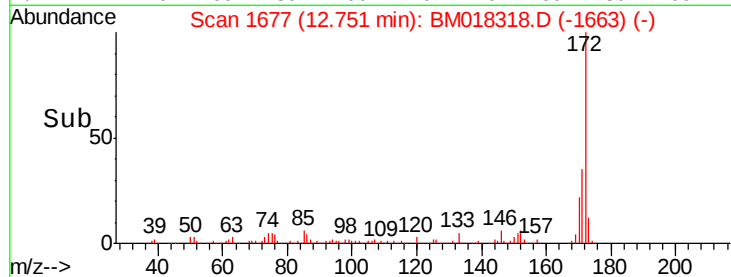
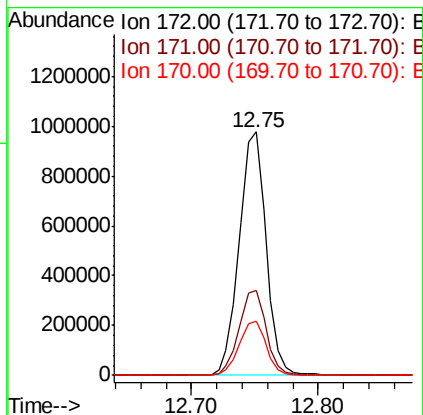
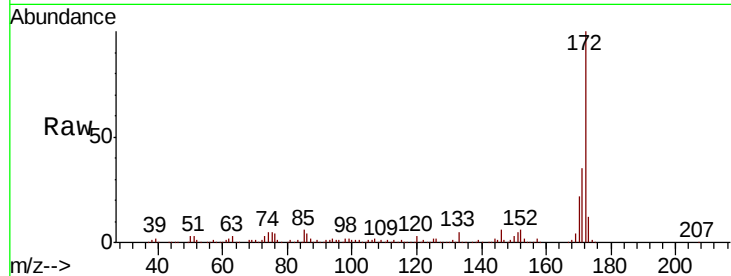




#45
2-Fluorobiphenyl
Concen: 91.156 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

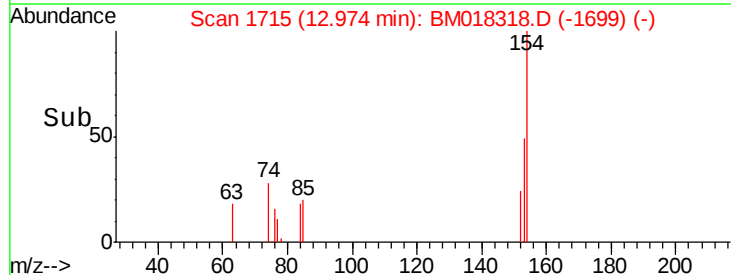
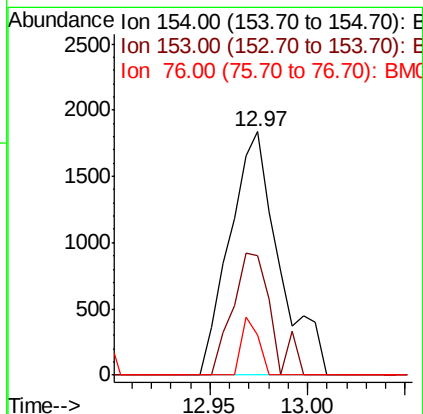
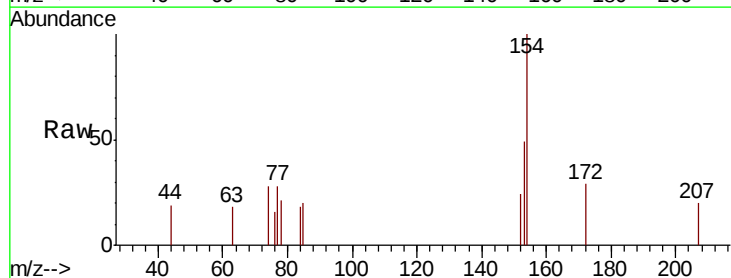
Instrument :
BNA_M
ClientSampleId :
P001-SS002-1218-01

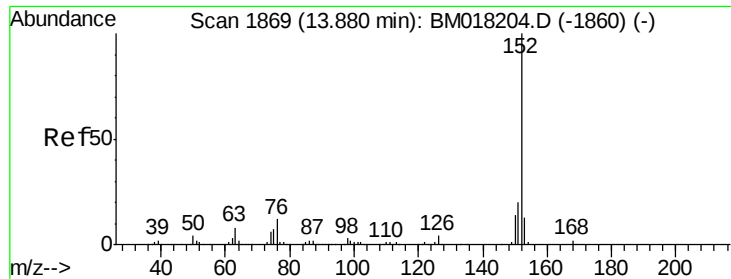
Tgt Ion:172 Resp: 1435153
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.0 18.1 27.1



#46
1,1'-Biphenyl
Concen: 0.175 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

Tgt Ion:154 Resp: 3214
Ion Ratio Lower Upper
154 100
153 49.1 19.5 59.5
76 16.4 0.0 33.1





#49

Acenaphthylene

Concen: 0.339 ng

RT: 13.87 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Instrument :

BNA_M

ClientSampleId :

P001-SS002-1218-01

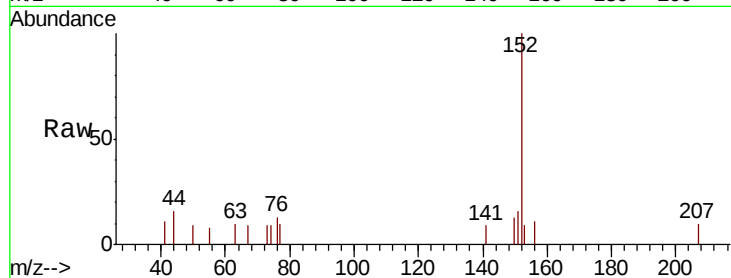
Tgt Ion:152 Resp: 6907

Ion Ratio Lower Upper

152 100

151 16.1 16.0 24.0

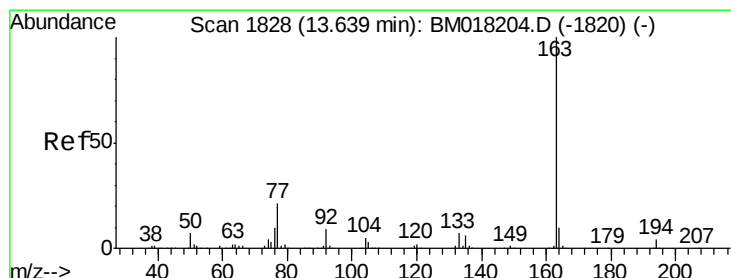
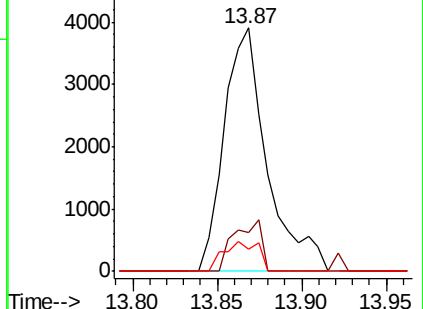
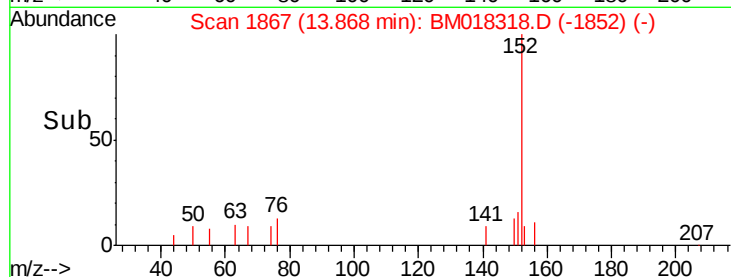
153 9.3 10.2 15.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 4.209 ng

RT: 13.62 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

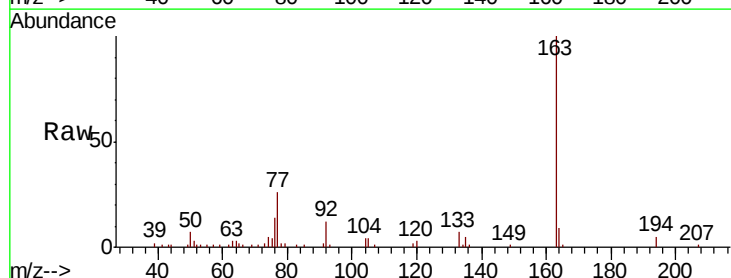
Tgt Ion:163 Resp: 71348

Ion Ratio Lower Upper

163 100

194 5.1 3.1 4.7#

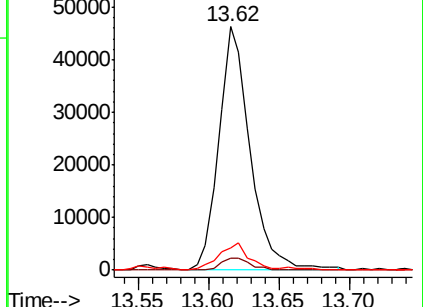
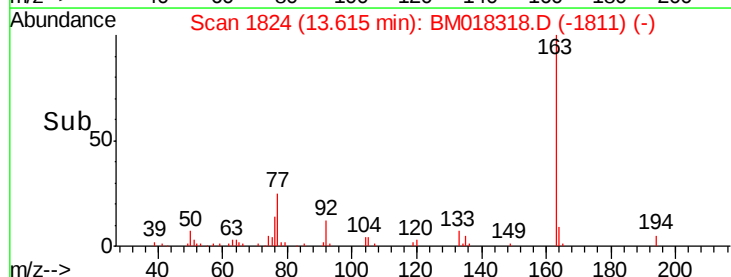
164 9.2 7.9 11.9

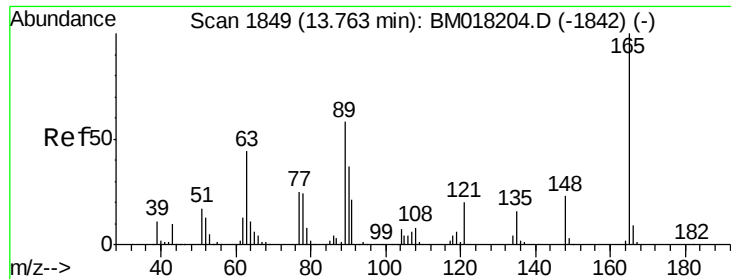


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

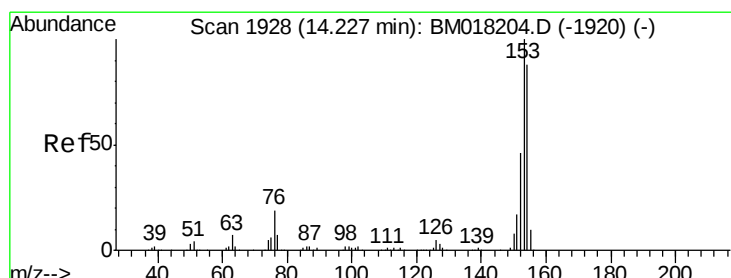
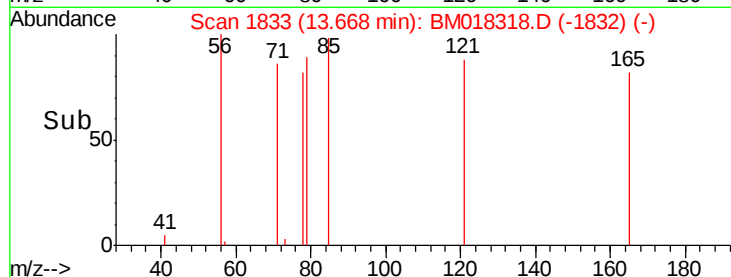
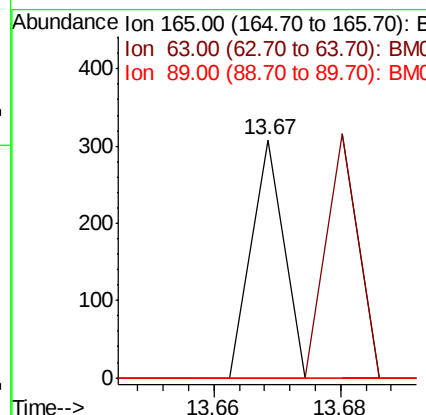
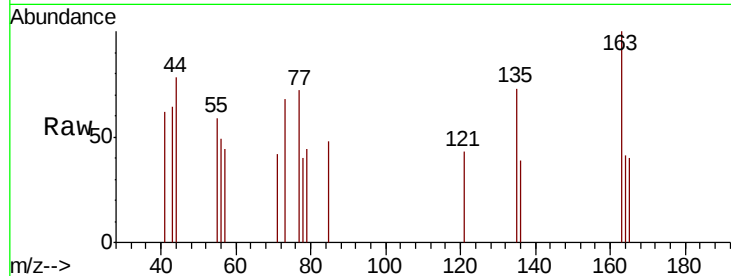




#51
 2,6-Dinitrotoluene
 Concen: 0.029 ng
 RT: 13.67 min Scan# 1833
 Delta R.T. -0.09 min
 Lab File: BM018318.D
 Acq: 20 Dec 2018 04:14

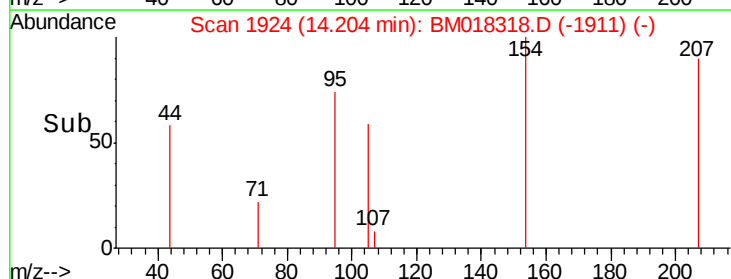
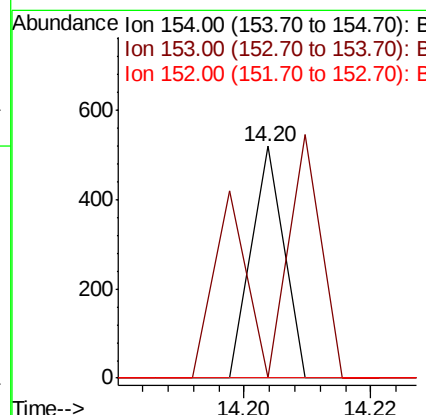
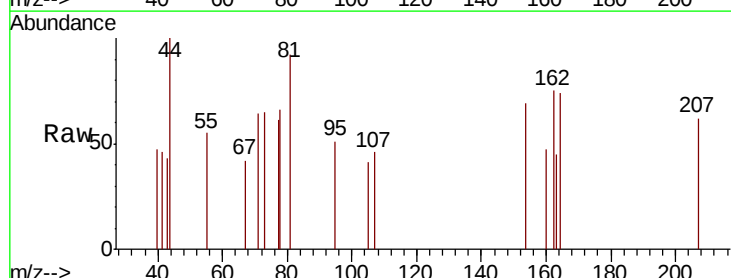
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS002-1218-01

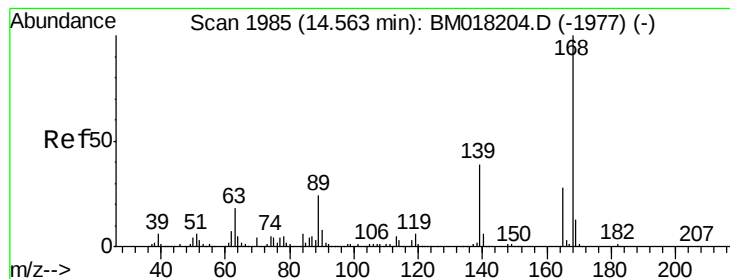
Tgt Ion:165 Resp: 109
 Ion Ratio Lower Upper
 165 100
 63 0.0 46.6 69.8#
 89 0.0 46.3 69.5#



#52
 Acenaphthene
 Concen: 0.015 ng
 RT: 14.20 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BM018318.D
 Acq: 20 Dec 2018 04:14

Tgt Ion:154 Resp: 183
 Ion Ratio Lower Upper
 154 100
 153 0.0 90.4 135.6#
 152 0.0 41.2 61.8#





#55

Dibenzenofuran

Concen: 0.006 ng

RT: 14.56 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Instrument :

BNA_M

ClientSampleId :

P001-SS002-1218-01

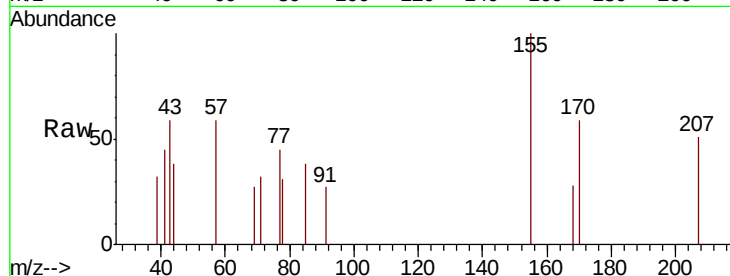
Tgt Ion:168 Resp: 111

Ion Ratio Lower Upper

168 100

139 0.0 31.2 46.8#

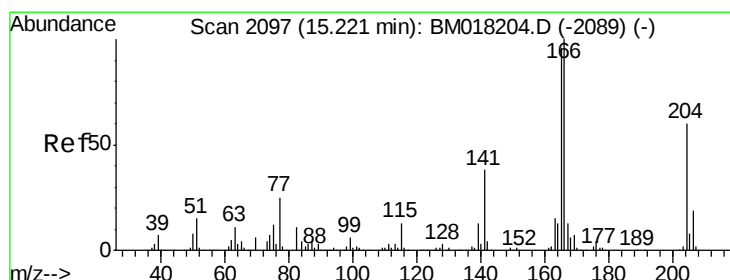
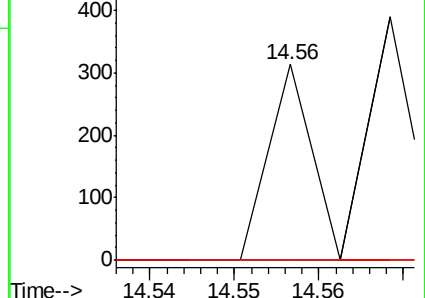
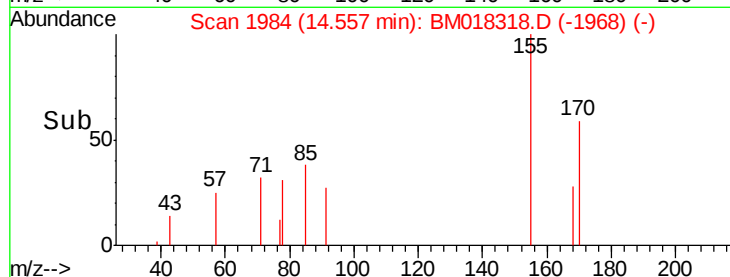
169 0.0 10.4 15.6#



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: 0.080 ng

RT: 15.22 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

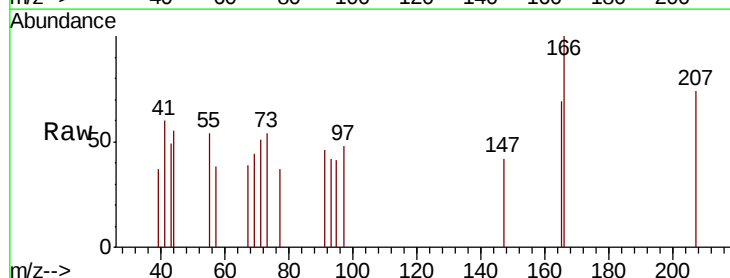
Tgt Ion:166 Resp: 1234

Ion Ratio Lower Upper

166 100

165 69.4 76.9 115.3#

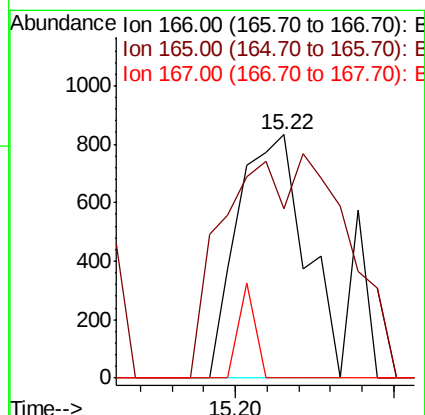
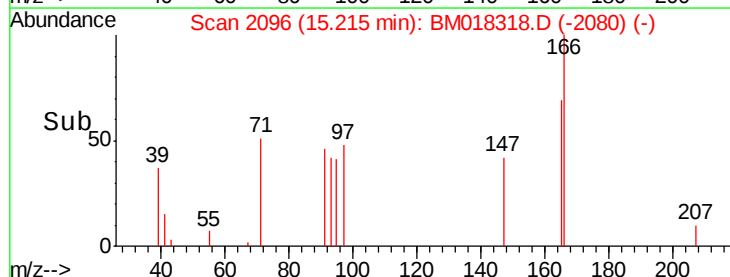
167 0.0 10.5 15.7#

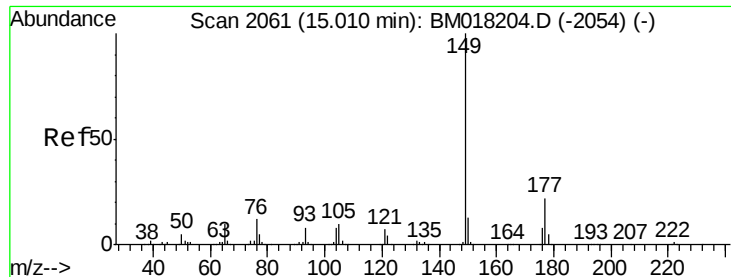


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

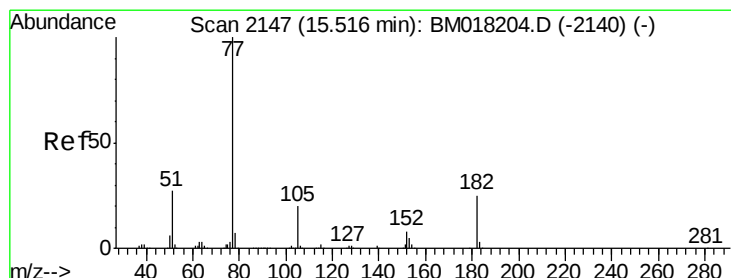
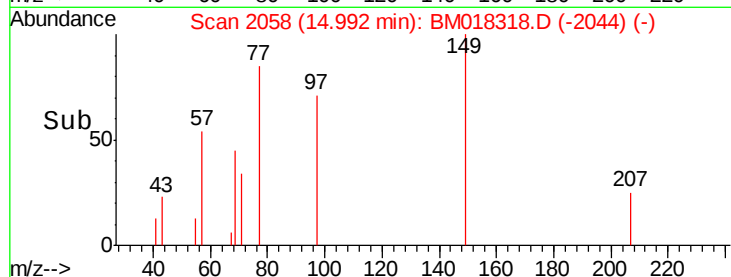
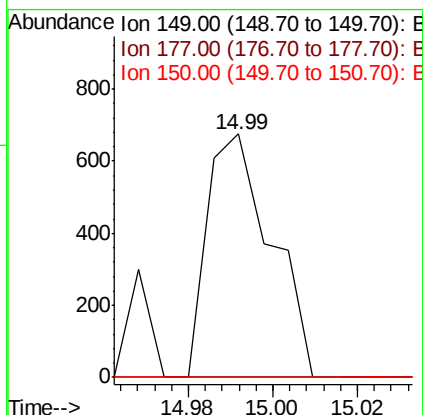
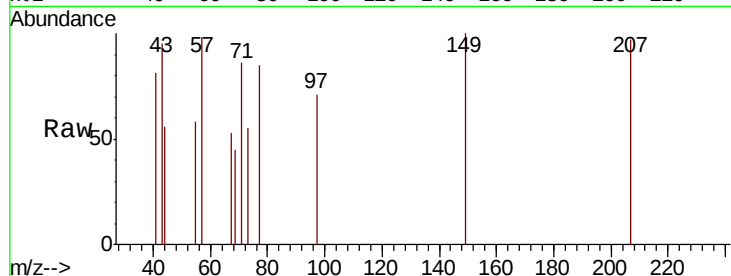




#60
Diethylphthalate
Concen: 0.039 ng
RT: 14.99 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

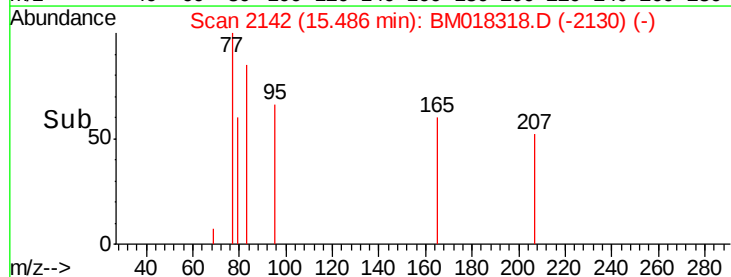
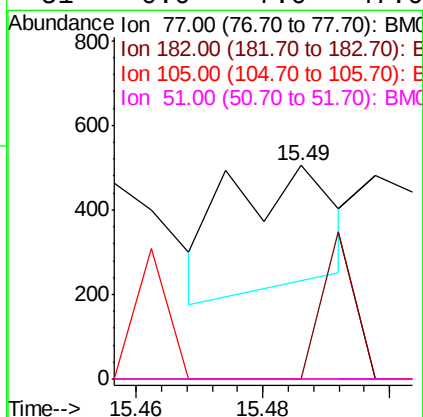
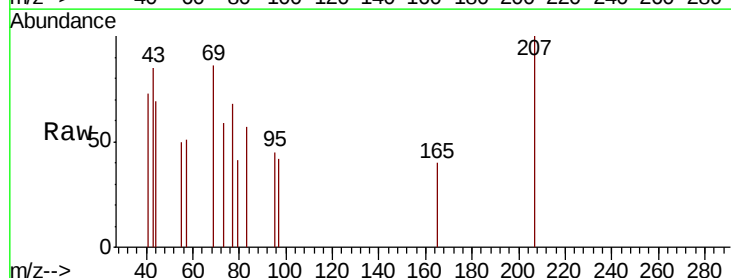
Instrument :
BNA_M
ClientSampleId :
P001-SS002-1218-01

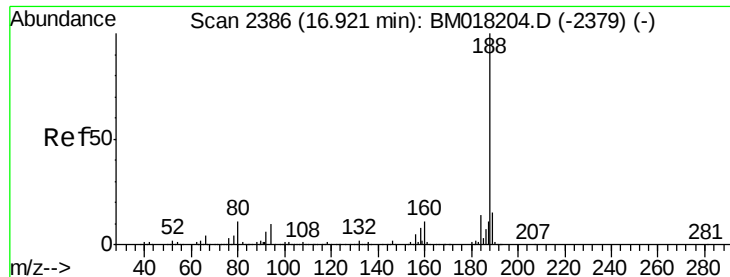
Tgt Ion: 149 Resp: 707
Ion Ratio Lower Upper
149 100
177 0.0 17.8 26.8#
150 0.0 10.3 15.5#



#63
Azobenzene
Concen: 0.019 ng
RT: 15.49 min Scan# 2142
Delta R.T. -0.03 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

Tgt Ion: 77 Resp: 325
Ion Ratio Lower Upper
77 100
182 0.0 4.6 44.6#
105 0.0 0.2 40.2#
51 0.0 7.0 47.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Instrument :

BNA_M

ClientSampleId :

P001-SS002-1218-01

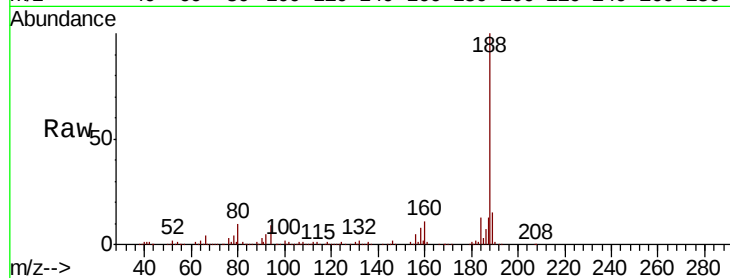
Tgt Ion:188 Resp: 409667

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

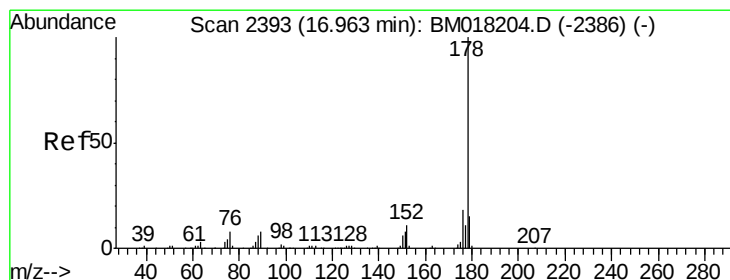
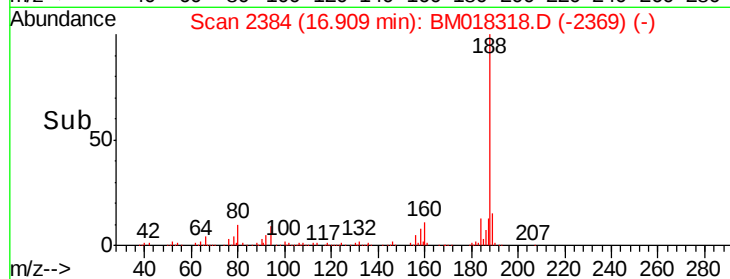
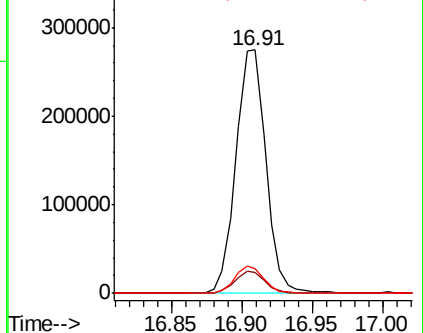
80 9.9 9.0 13.6



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: 0.924 ng

RT: 16.95 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

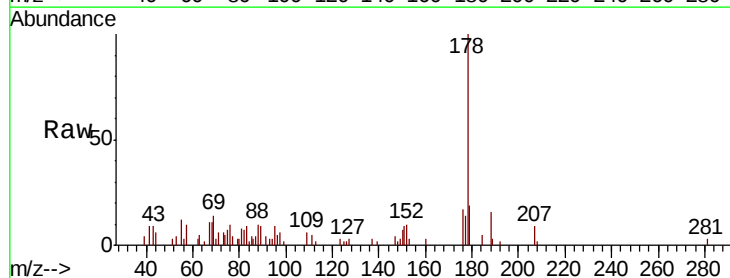
Tgt Ion:178 Resp: 20563

Ion Ratio Lower Upper

178 100

176 17.0 14.7 22.1

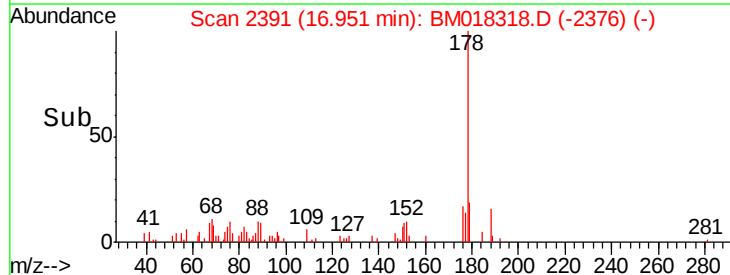
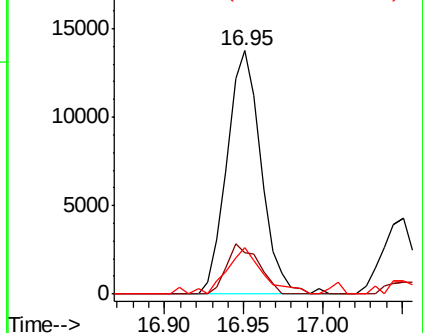
179 19.1 12.0 18.0#

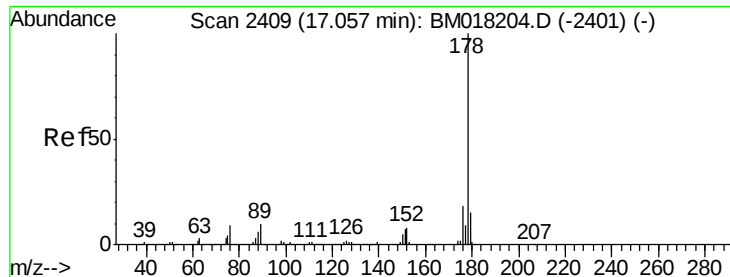


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.322 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Instrument :

BNA_M

ClientSampleId :

P001-SS002-1218-01

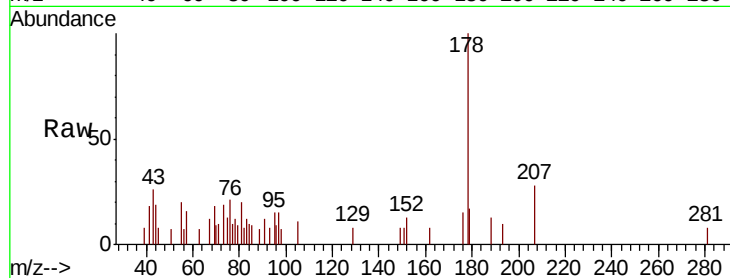
Tgt Ion:178 Resp: 7106

Ion Ratio Lower Upper

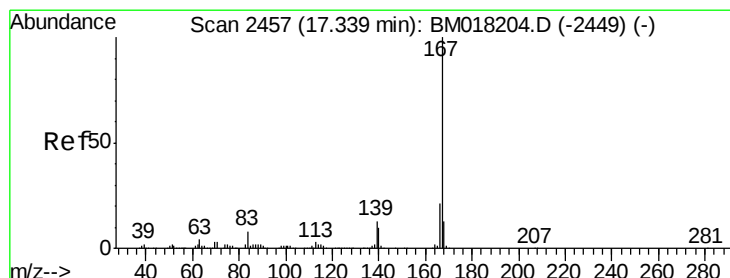
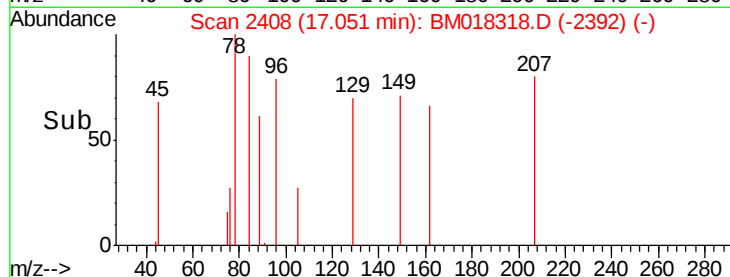
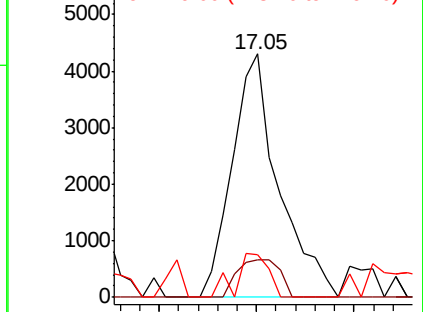
178 100

176 15.5 14.3 21.5

179 17.4 12.0 18.0



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: 0.021 ng

RT: 17.34 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

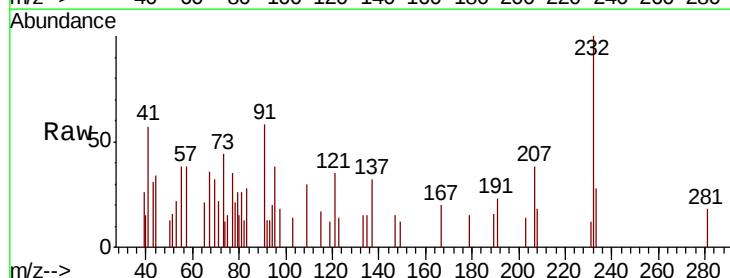
Tgt Ion:167 Resp: 484

Ion Ratio Lower Upper

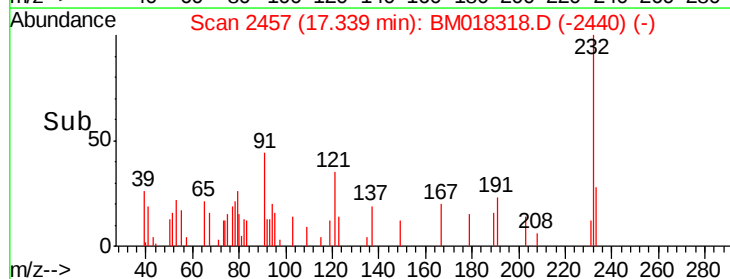
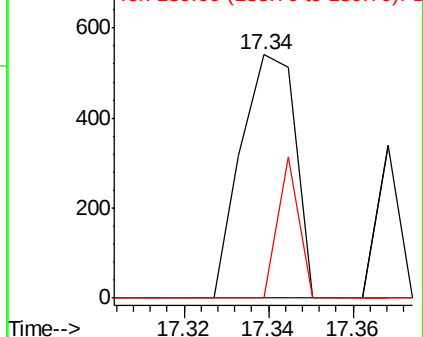
167 100

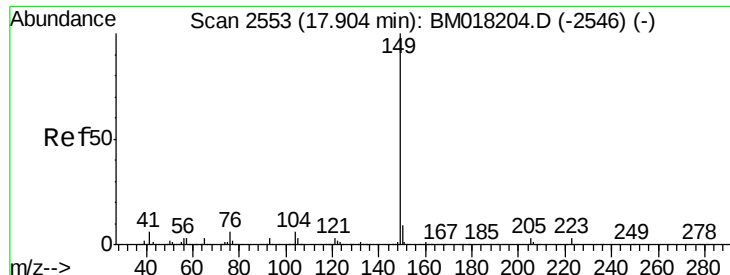
166 0.0 16.8 25.2#

139 0.0 10.3 15.5#



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

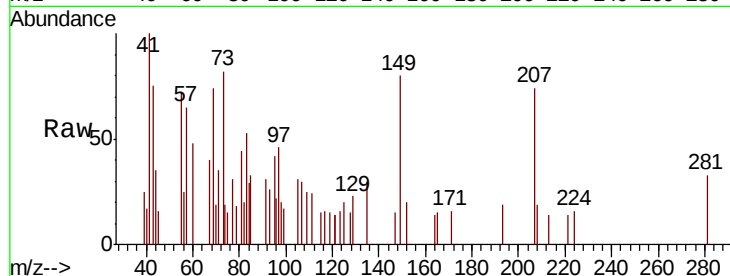




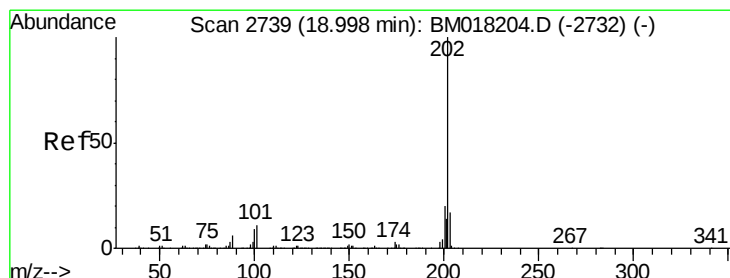
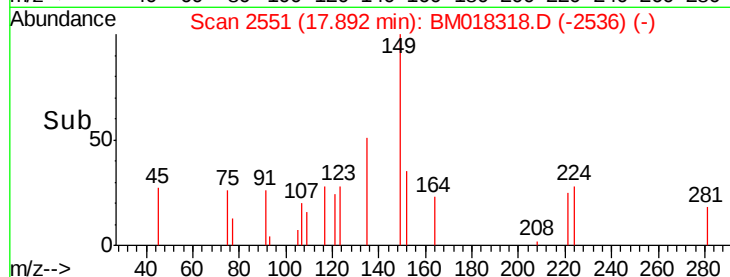
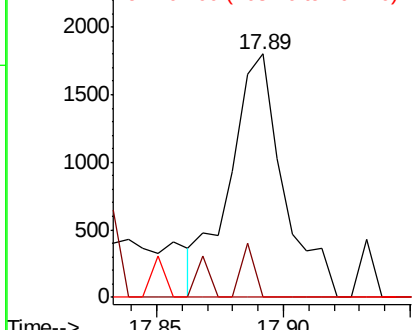
#74
Di-n-butylphthalate
Concen: 0.095 ng
RT: 17.89 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

Instrument :
BNA_M
ClientSampleId :
P001-SS002-1218-01

Tgt Ion:149 Resp: 2659
Ion Ratio Lower Upper
149 100
150 0.0 7.3 10.9#
104 0.0 4.8 7.2#

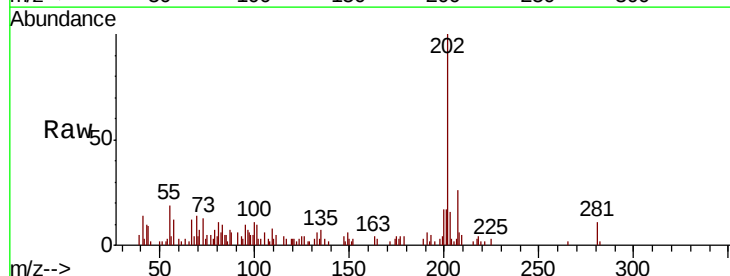


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

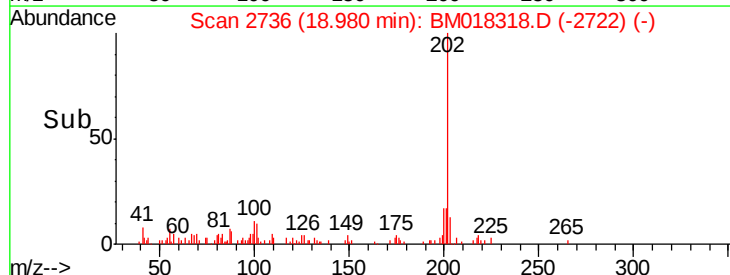
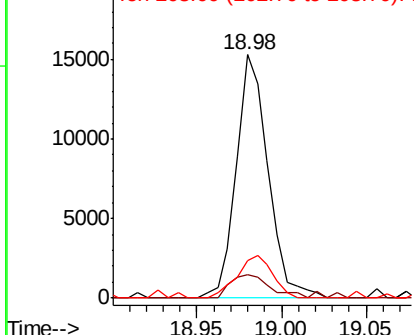


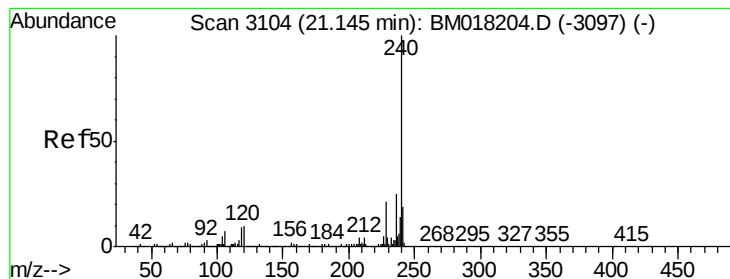
#75
Fluoranthene
Concen: 0.776 ng
RT: 18.98 min Scan# 2736
Delta R.T. -0.02 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

Tgt Ion:202 Resp: 20079
Ion Ratio Lower Upper
202 100
101 13.0 0.0 30.5
203 15.5 0.0 37.5



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: 21.13 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Instrument :

BNA_M

ClientSampleId :

P001-SS002-1218-01

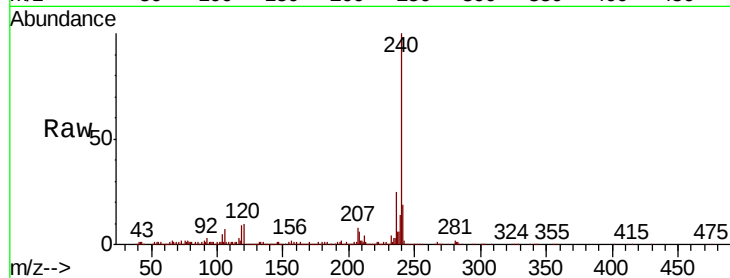
Tgt Ion:240 Resp: 504023

Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.2

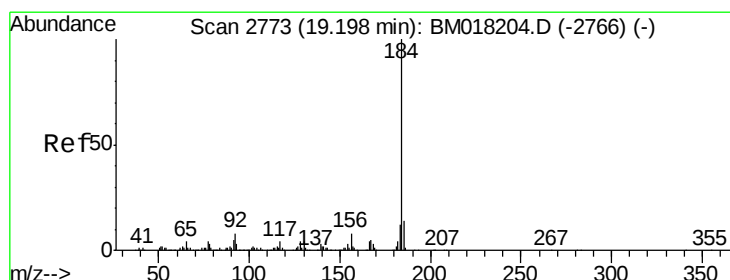
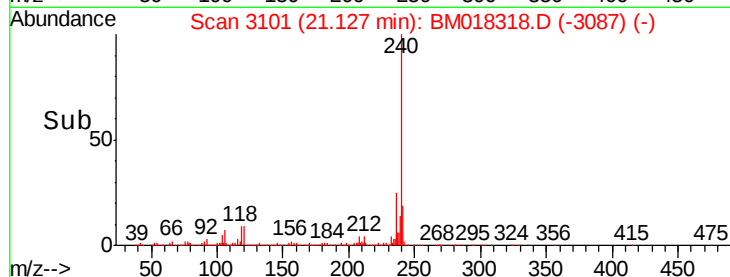
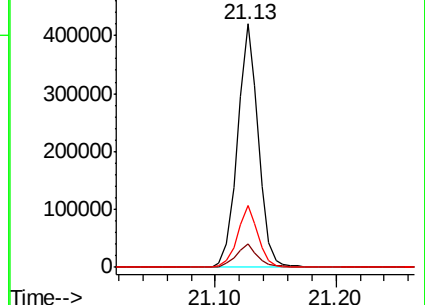
236 25.3 20.3 30.5



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



#77

Benzidine

Concen: 0.013 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

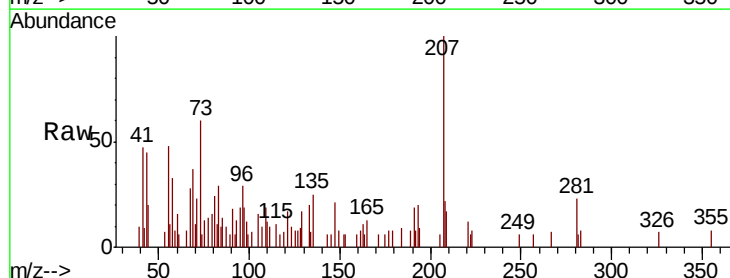
Tgt Ion:184 Resp: 170

Ion Ratio Lower Upper

184 100

185 0.0 11.4 17.2#

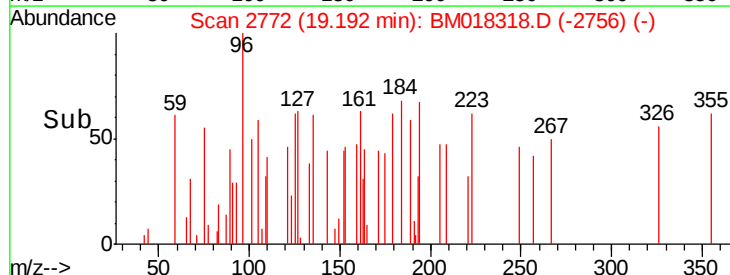
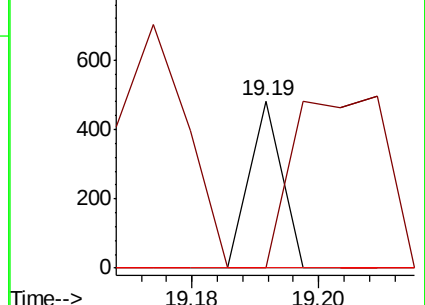
183 0.0 9.7 14.5#

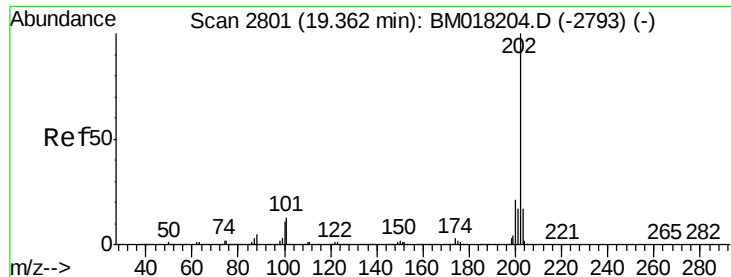


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 1.047 ng

RT: 19.35 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Instrument :

BNA_M

ClientSampleId :

P001-SS002-1218-01

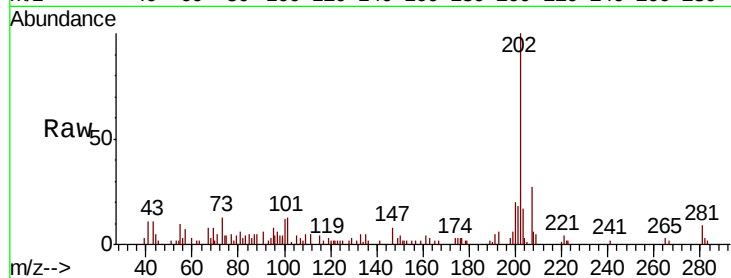
Tgt Ion:202 Resp: 31436

Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

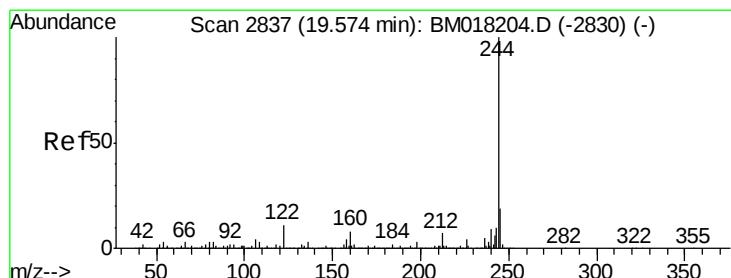
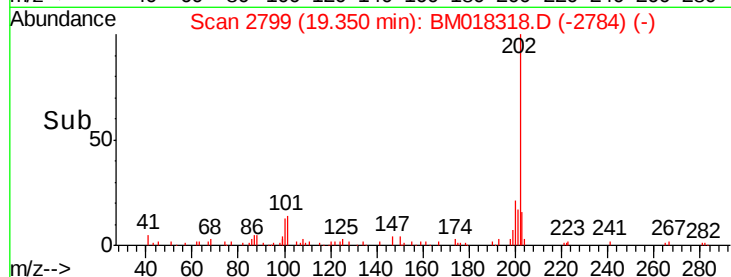
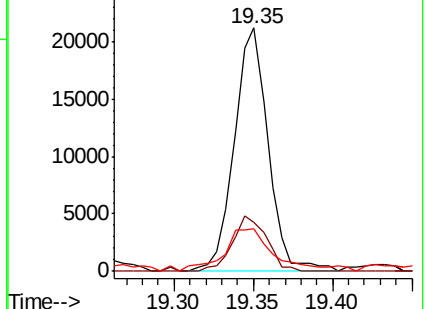
203 17.5 14.0 21.0



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: 81.623 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

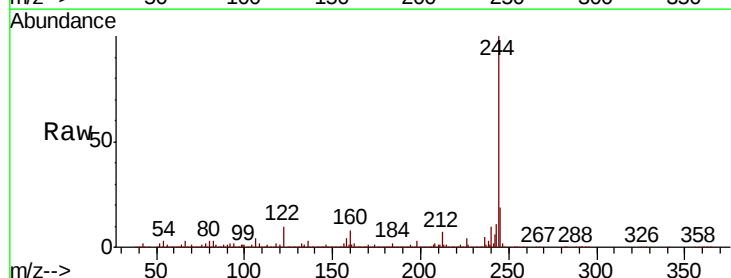
Tgt Ion:244 Resp: 1819022

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

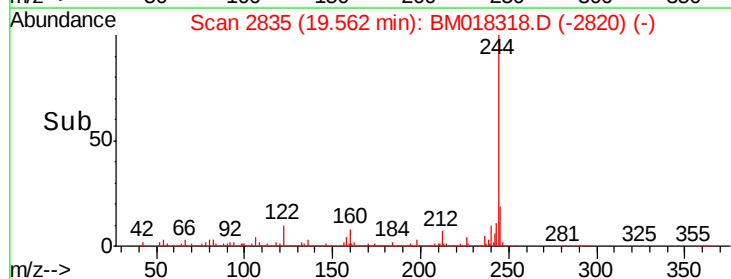
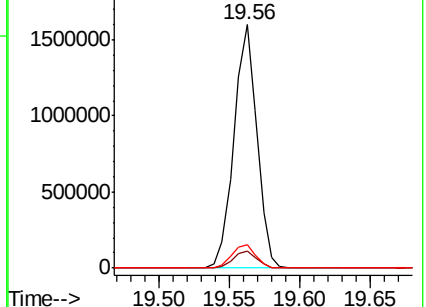
122 9.7 9.0 13.6

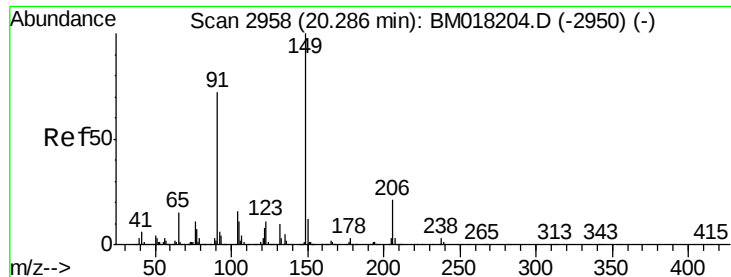


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 0.072 ng

RT: 20.27 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Instrument :

BNA_M

ClientSampleId :

P001-SS002-1218-01

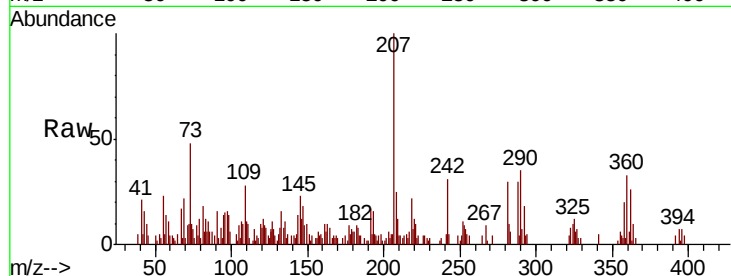
Tgt Ion:149 Resp: 1023

Ion Ratio Lower Upper

149 100

91 152.2 57.4 86.2#

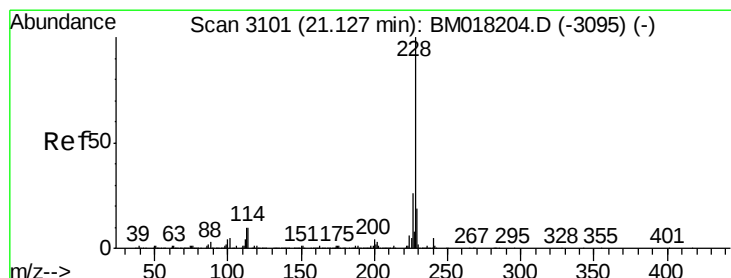
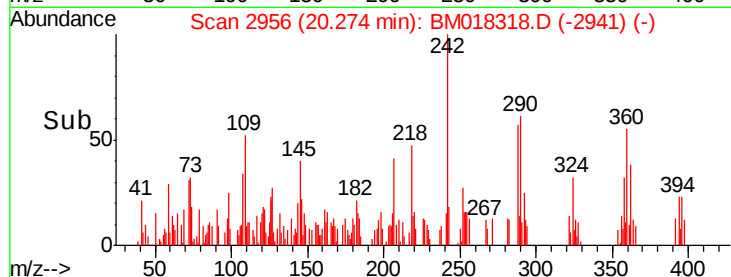
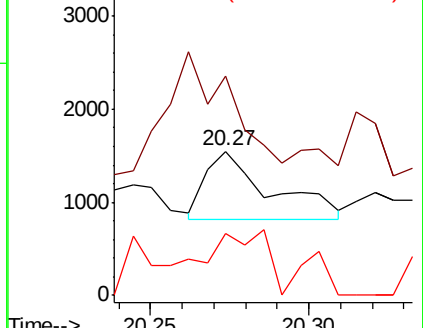
206 43.2 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 0.671 ng

RT: 21.11 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

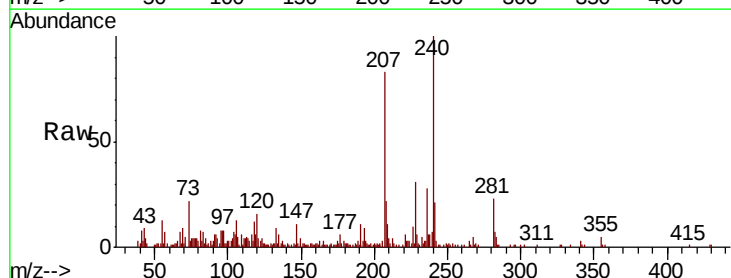
Tgt Ion:228 Resp: 19761

Ion Ratio Lower Upper

228 100

226 33.1 21.0 31.4#

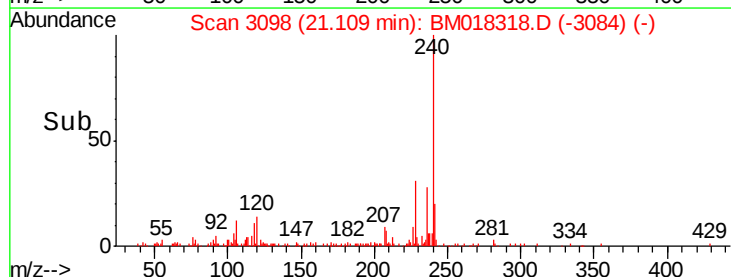
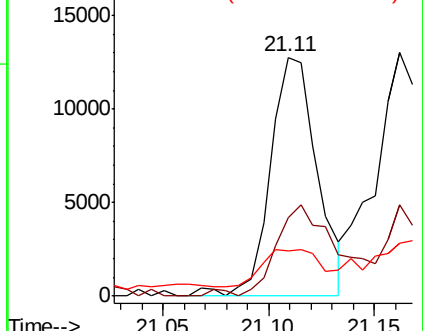
229 18.8 15.5 23.3

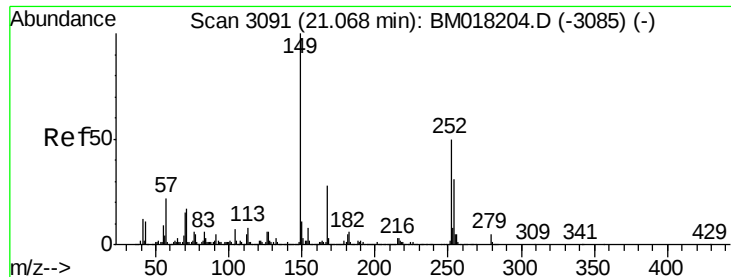


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

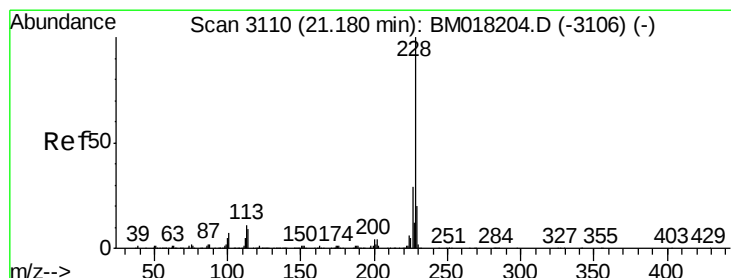
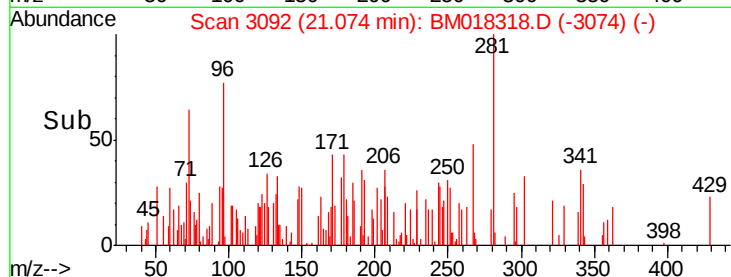
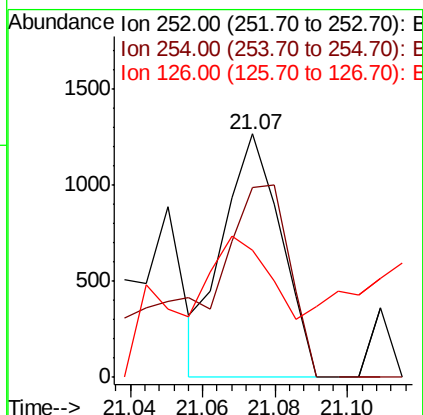
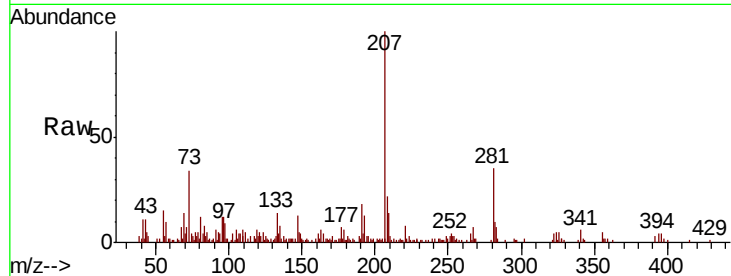




#82
 3,3'-Dichlorobenzidine
 Concen: 0.119 ng
 RT: 21.07 min Scan# 3092
 Delta R.T. 0.01 min
 Lab File: BM018318.D
 Acq: 20 Dec 2018 04:14

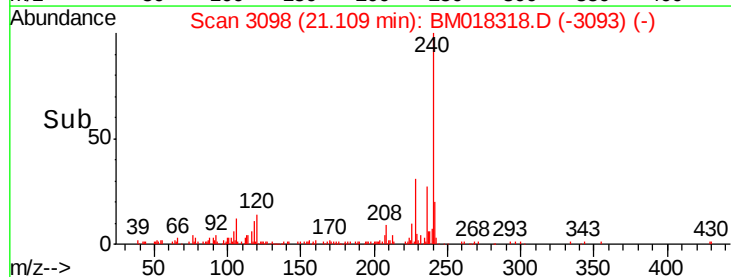
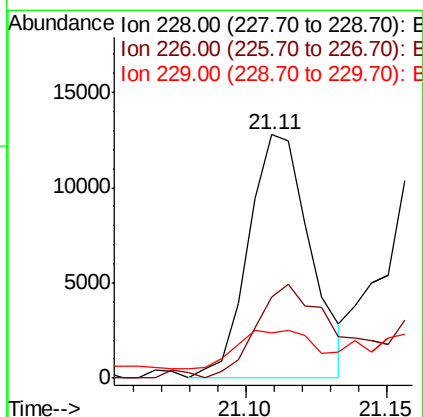
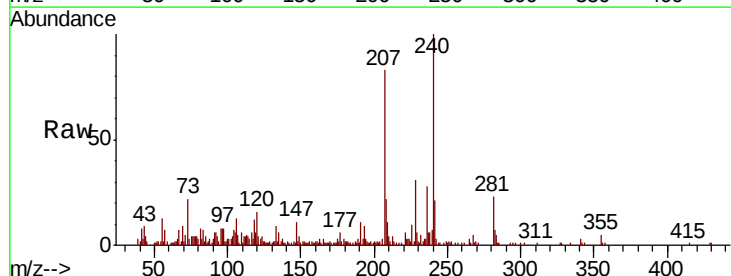
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS002-1218-01

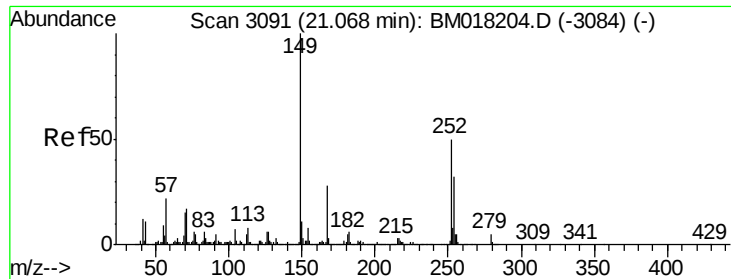
Tgt Ion: 252 Resp: 1401
 Ion Ratio Lower Upper
 252 100
 254 78.2 50.4 75.6#
 126 52.3 9.4 14.0#



#83
 Chrysene
 Concen: 0.688 ng
 RT: 21.11 min Scan# 3098
 Delta R.T. -0.07 min
 Lab File: BM018318.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 228 Resp: 19489
 Ion Ratio Lower Upper
 228 100
 226 33.1 23.1 34.7
 229 18.8 15.8 23.6

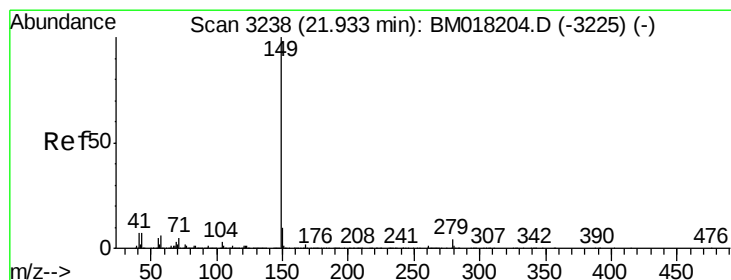
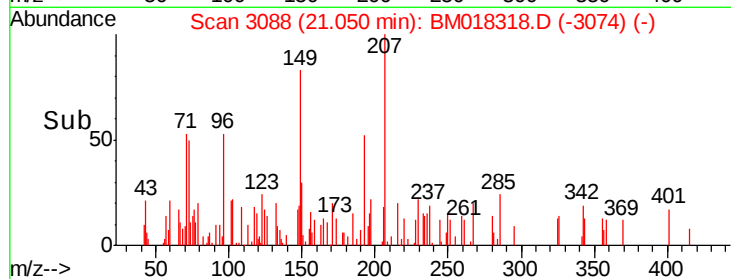
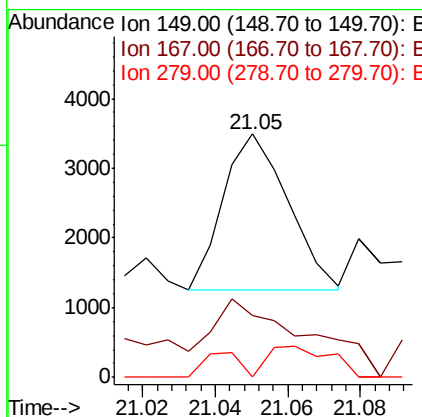
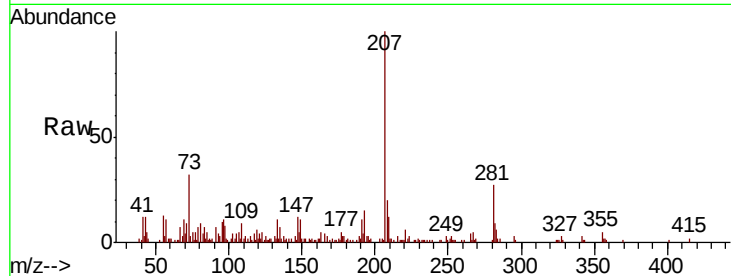




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.132 ng
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.02 min
 Lab File: BM018318.D
 Acq: 20 Dec 2018 04:14

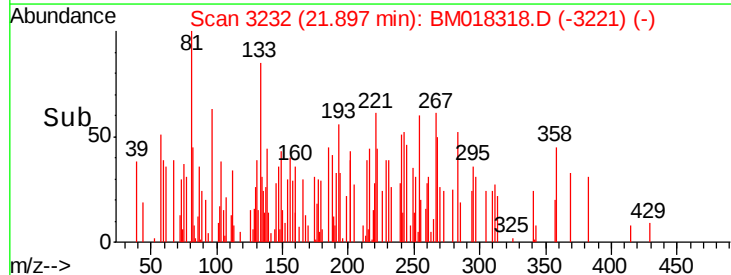
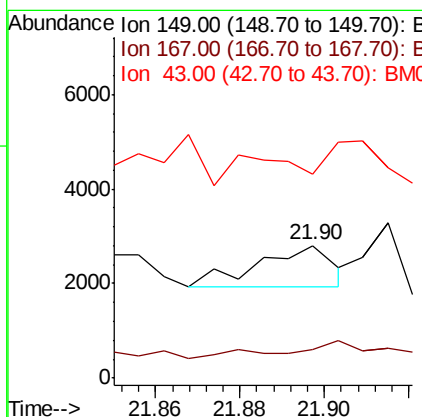
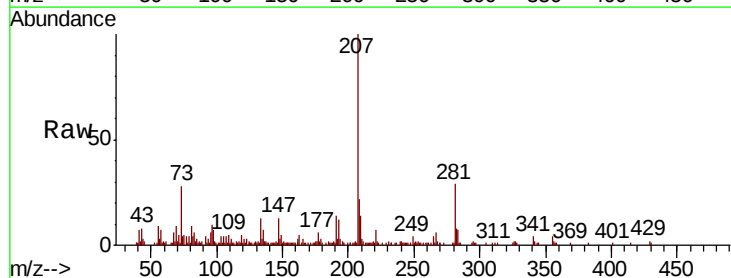
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS002-1218-01

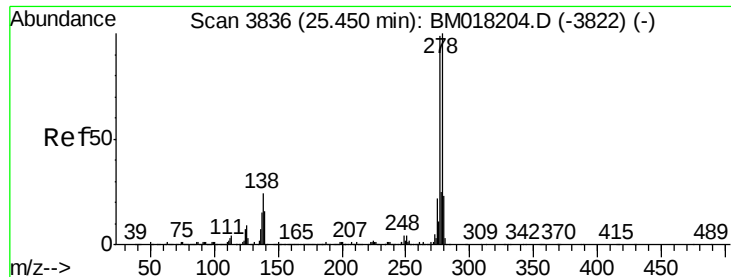
Tgt Ion:149 Resp: 2802
 Ion Ratio Lower Upper
 149 100
 167 25.3 22.7 34.1
 279 0.0 3.9 5.9#



#85
 Di-n-octyl phthalate
 Concen: 0.031 ng
 RT: 21.90 min Scan# 3232
 Delta R.T. -0.04 min
 Lab File: BM018318.D
 Acq: 20 Dec 2018 04:14

Tgt Ion:149 Resp: 1097
 Ion Ratio Lower Upper
 149 100
 167 27.6 1.4 2.0#
 43 69.9 6.2 9.4#





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.611 ng

RT: 25.42 min Scan# 3831

Delta R.T. -0.03 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Instrument :

BNA_M

ClientSampleId :

P001-SS002-1218-01

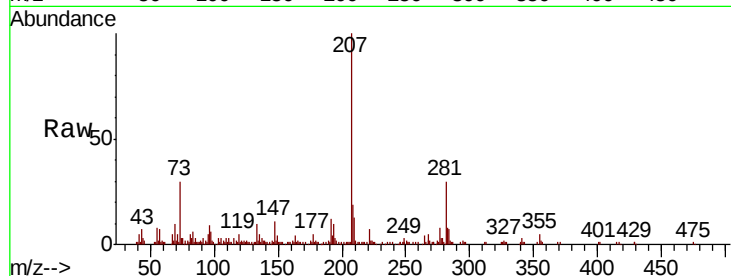
Tgt Ion:276 Resp: 17233

Ion Ratio Lower Upper

276 100

138 34.9 18.6 28.0#

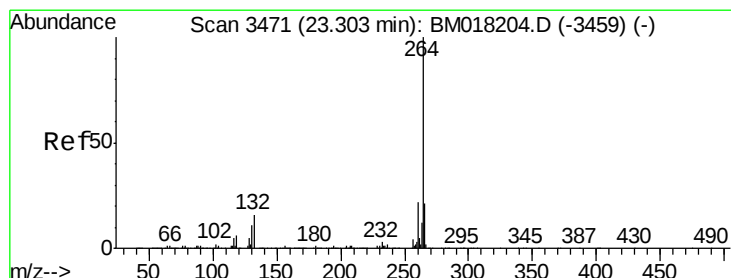
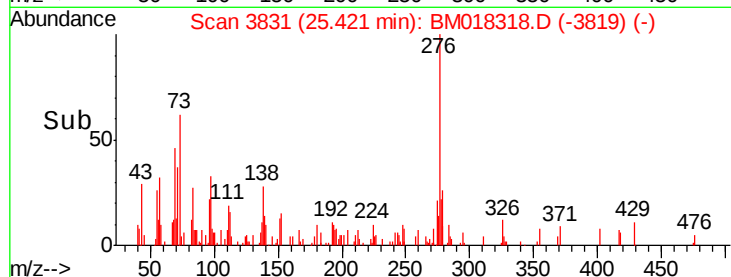
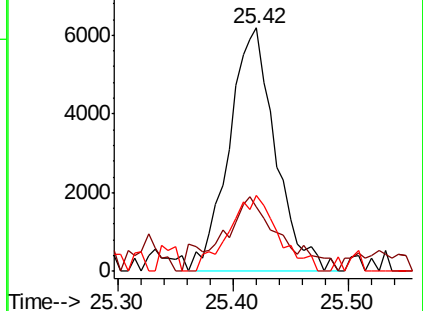
277 33.0 20.3 30.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

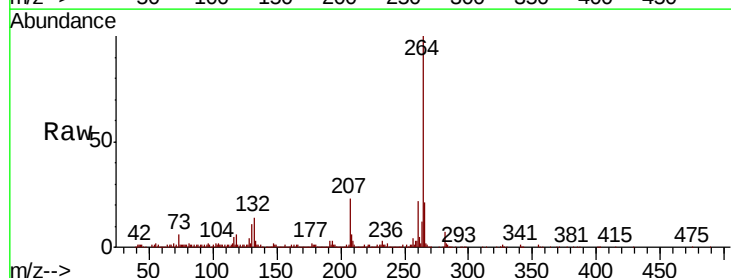
Tgt Ion:264 Resp: 577838

Ion Ratio Lower Upper

264 100

260 22.0 17.5 26.3

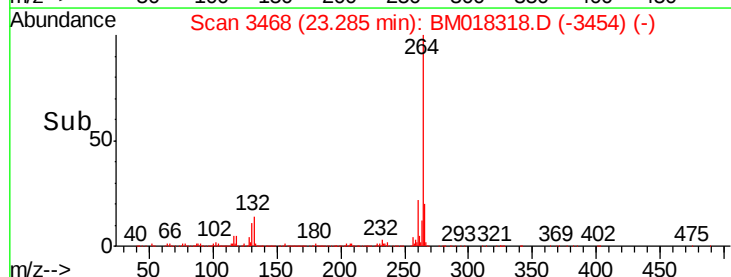
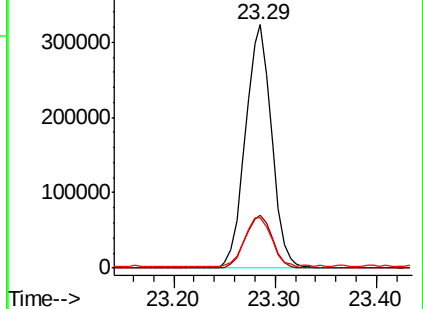
265 20.8 17.3 25.9

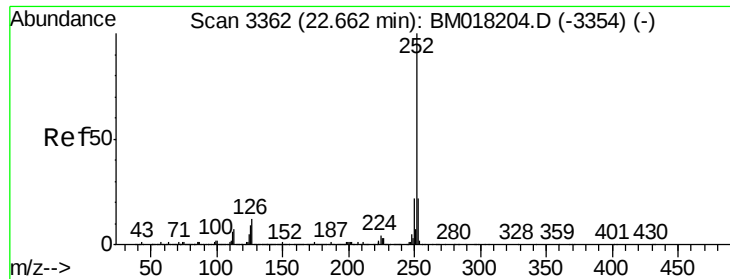


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

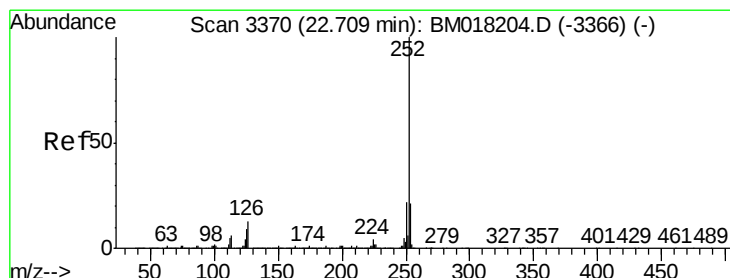
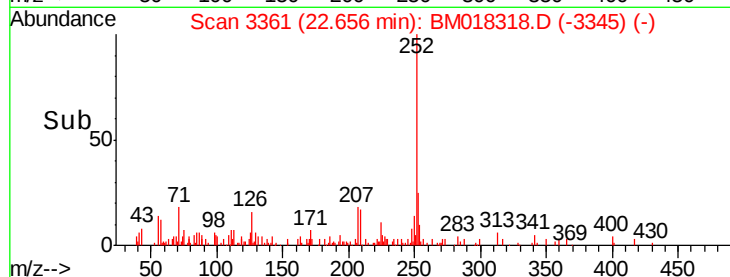
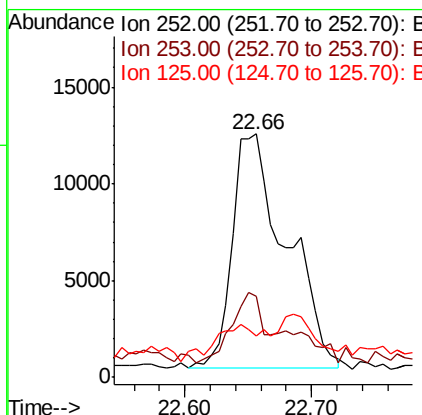
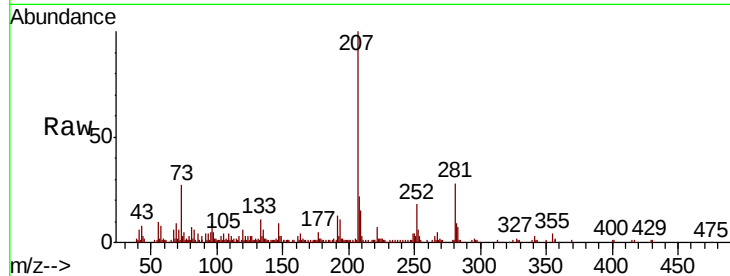




#88
Benzo(b)fluoranthene
Concen: 1.098 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

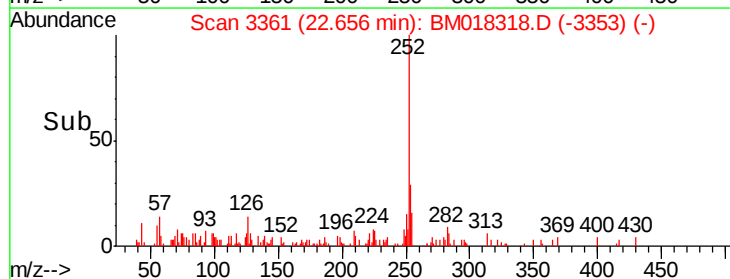
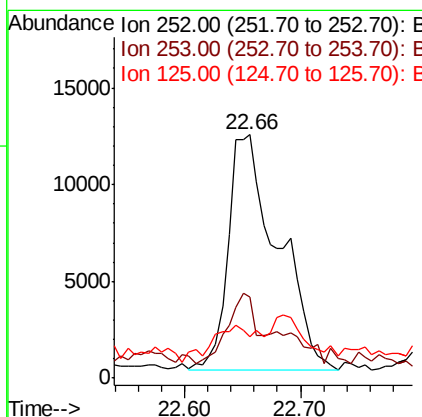
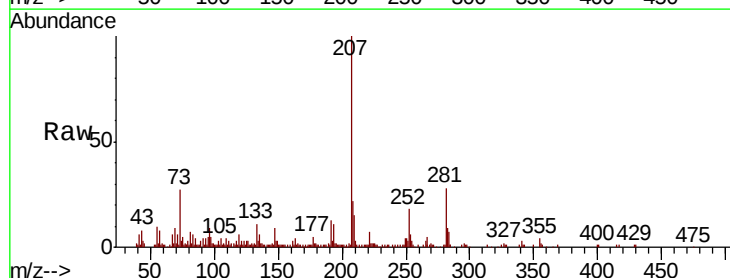
Instrument :
BNA_M
ClientSampleId :
P001-SS002-1218-01

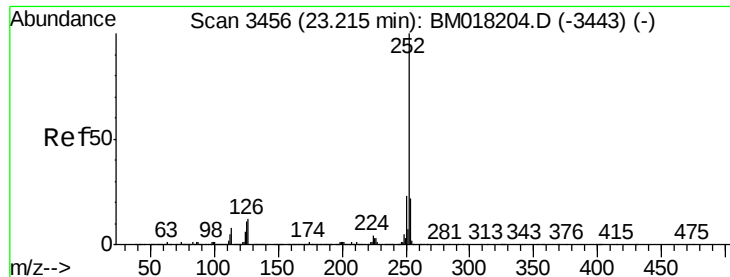
Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.1	17.6	26.4#
125	17.1	7.4	11.0#



#89
Benzo(k)fluoranthene
Concen: 1.118 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.05 min
Lab File: BM018318.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.1	16.9	25.3#
125	17.1	7.5	11.3#





#90

Benzo(a)pyrene

Concen: 0.700 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.02 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

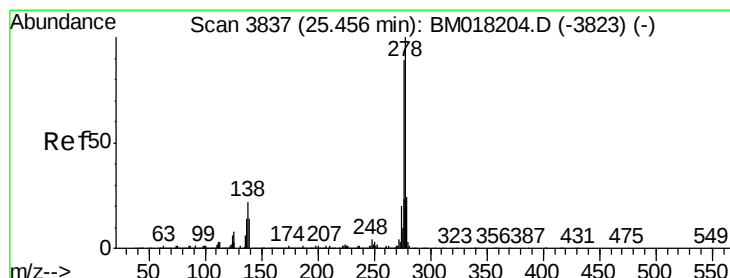
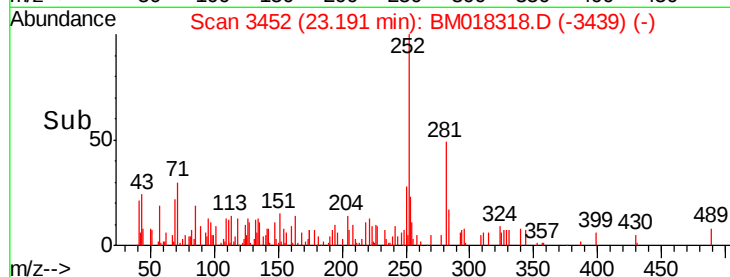
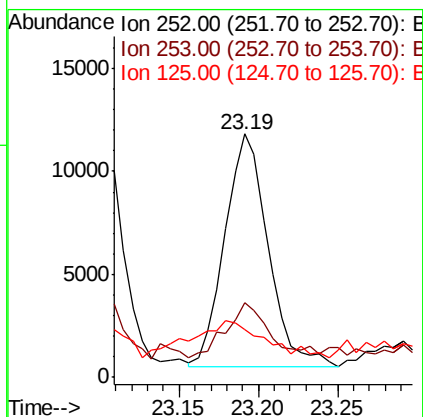
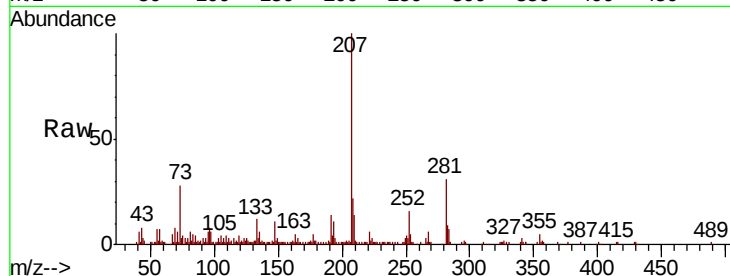
Instrument :

BNA_M

ClientSampleId :

P001-SS002-1218-01

Tgt Ion:	252	Resp:	21597
Ion Ratio	Lower	Upper	
252	100		
253	30.7	17.6	26.4#
125	19.4	8.6	12.8#



#91

Dibenzo(a,h)anthracene

Concen: 0.236 ng

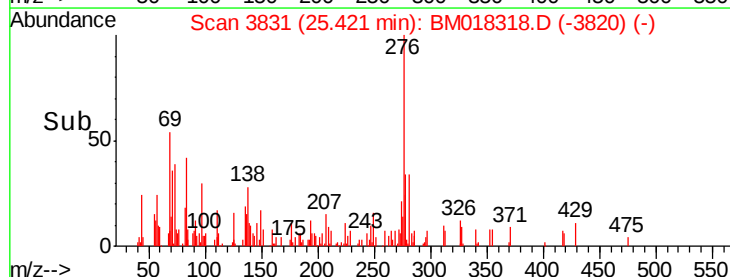
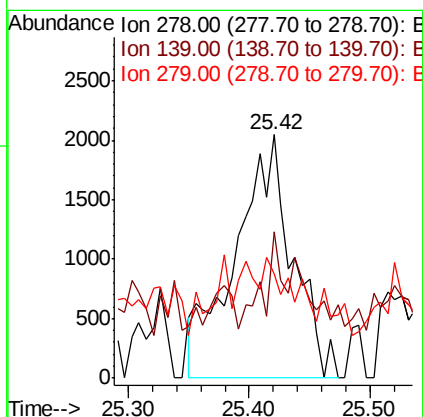
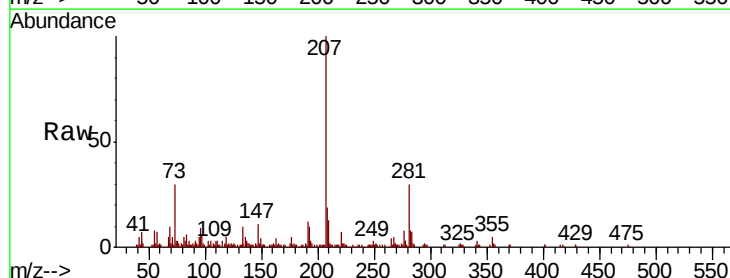
RT: 25.42 min Scan# 3831

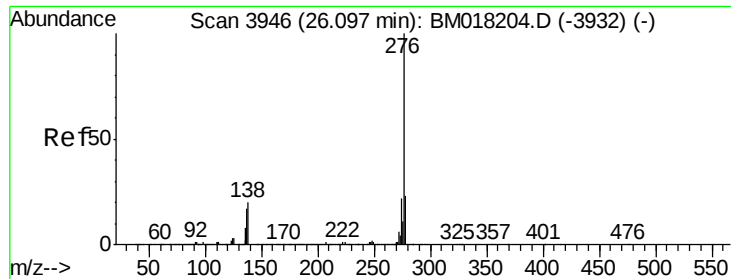
Delta R.T. -0.04 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Tgt Ion:	278	Resp:	6744
Ion Ratio	Lower	Upper	
278	100		
139	59.9	11.6	17.4#
279	42.6	19.2	28.8#





#92

Benzo(g,h,i)perylene

Concen: 0.790 ng

RT: 26.07 min Scan# 3941

Delta R.T. -0.03 min

Lab File: BM018318.D

Acq: 20 Dec 2018 04:14

Instrument :

BNA_M

ClientSampleId :

P001-SS002-1218-01

Tgt Ion: 276 Resp: 21351

Ion Ratio Lower Upper

276 100

277 22.3 18.7 28.1

138 25.3 15.8 23.8#

