

Data File : BM016731.D
Acq On : 11 Sep 2018 20:20
Operator : SJ/JU
Sample : MDL-S-06
Misc : 4ppm/1ppm
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-06

Quant Time: Sep 12 01:12:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 15:28:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	213579	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	897032	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	488894	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1061193	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1168855	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	1207246	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	34230	6.85	ng/uL	0.00
5) Phenol-d5	6.90	99	489683	27.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	313253	28.08	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	410322	27.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	385947	27.69	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	179949	30.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	166594	31.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	370997	27.25	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	500031	30.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1109613	28.27	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1416462	27.94	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	164017	25.46	ng/ul	-0.01
58) Fluorene-d10	15.37	176	973905	28.43	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	102877	23.62	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1454832	28.42	ng/ul	0.00
79) Pyrene-d10	19.52	212	1587333	27.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1802305	28.62	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	9260	1.782 ng/uL#	76
4) Benzaldehyde	6.89	77	48172	4.752 ng/ul	88
6) Phenol	6.93	94	76158	4.235 ng/ul	94
8) Bis(2-Chloroethyl)ether	7.17	93	60940	4.402 ng/ul	90
10) 2-Chlorophenol	7.30	128	63097	4.273 ng/ul	96
11) 2-Methylphenol	8.17	108	54701	4.059 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.27	45	94013	4.294 ng/ul	97
14) Acetophenone	8.56	105	94053	4.353 ng/ul	93
15) N-Nitroso-di-n-propylamine	8.54	70	43606	4.033 ng/ul#	87
16) 4-Methylphenol	8.50	108	60428	4.242 ng/ul	94
17) Hexachloroethane	8.80	117	24626	4.246 ng/ul#	76
20) Nitrobenzene	8.93	77	69214	4.642 ng/ul	92
21) Isophorone	9.45	82	116219	3.922 ng/ul	94
23) 2-Nitrophenol	9.63	139	28679	4.636 ng/ul	89
24) 2,4-Dimethylphenol	9.70	107	66214	4.148 ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.94	93	79262	4.328 ng/ul	97
27) 2,4-Dichlorophenol	10.16	162	56814	4.343 ng/ul	96
28) Naphthalene	10.57	128	206725	4.482 ng/ul	99
30) 4-Chloroaniline	10.67	127	56632	3.443 ng/ul	96
31) Hexachlorobutadiene	10.86	225	39475	4.470 ng/ul	96
32) Caprolactam	11.45	113	12356	2.986 ng/ul	86
33) 4-Chloro-3-methylphenol	11.80	107	53996	3.938 ng/ul	99
34) 2-Methylnaphthalene	12.18	142	143691	4.421 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	143691	4.421	ng/ul#	91
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	73697	4.389	ng/ul	98
38) Hexachlorocyclopentadiene	12.53	237	40039	3.830	ng/ul	95
39) 2,4,6-Trichlorophenol	12.79	196	34035	3.560	ng/ul	94
40) 2,4,5-Trichlorophenol	12.86	196	39178	3.755	ng/ul	99
41) 1,1'-Biphenyl	13.20	154	180812	4.446	ng/ul	97
42) 2-Chloronaphthalene	13.24	162	137621	4.324	ng/ul	98
43) 2-Nitroaniline	13.45	65	26854	3.830	ng/ul	93
45) Dimethylphthalate	13.84	163	169863	4.428	ng/ul	98
46) 2,6-Dinitrotoluene	13.95	165	22611	3.837	ng/ul	89
48) Acenaphthylene	14.09	152	211616	4.410	ng/ul	99
49) 3-Nitroaniline	14.27	138	21431	3.345	ng/ul#	92
50) Acenaphthene	14.44	153	149320	4.383	ng/ul	97
51) 2,4-Dinitrophenol	14.48	184	7351	2.789	ng/ul#	74
53) 4-Nitrophenol	14.57	109	20216	4.072	ng/ul#	69
54) Dibenzofuran	14.77	168	204872	4.383	ng/ul	99
55) 2,4-Dinitrotoluene	14.73	165	34480	3.979	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.00	232	29966	3.551	ng/ul#	79
57) Diethylphthalate	15.21	149	155776	4.099	ng/ul	96
59) Fluorene	15.43	166	170696	4.445	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	86525	4.443	ng/ul	93
61) 4-Nitroaniline	15.44	138	25404	3.227	ng/ul#	90
64) 4,6-Dinitro-2-methylphenol	15.50	198	18203	3.727	ng/ul#	82
65) N-Nitrosodiphenylamine	15.64	169	140325	4.275	ng/ul	95
66) 4-Bromophenyl-phenylether	16.32	248	50346	4.193	ng/ul	96
67) Hexachlorobenzene	16.42	284	58143	4.500	ng/ul#	93
68) Atrazine	16.59	200	42012	3.621	ng/ul	96
69) Pentachlorophenol	16.77	266	20567	2.943	ng/ul	93
70) Phenanthrene	17.16	178	264252	4.483	ng/ul	99
72) Anthracene	17.26	178	268114	4.430	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	77263	4.399	ng/uL	96
74) Pentachlorobenzene	14.69	250	71257	4.498	ng/uL	96
75) Carbazole	17.52	167	218396	4.105	ng/ul	98
76) Di-n-butylphthalate	18.11	149	216448	3.497	ng/ul	99
77) Fluoranthene	19.18	202	284768	4.214	ng/ul#	92
80) Pyrene	19.54	202	315141	4.391	ng/ul#	87
81) Butylbenzylphthalate	20.46	149	85492	3.221	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.23	252	73422	3.171	ng/ul#	93
83) Benzo(a)anthracene	21.29	228	306763	4.239	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	128712	3.086	ng/ul#	96
85) Chrysene	21.34	228	297468	4.408	ng/ul	100
87) Di-n-octyl phthalate	22.14	149	207383	2.859	ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	309960	4.290	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	289899	4.178	ng/ul#	94
91) Benzo(a)pyrene	23.45	252	305759	4.439	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.80	276	335959	4.089	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.82	278	285764	4.158	ng/ul#	95
94) Benzo(g,h,i)perylene	26.49	276	283612	4.163	ng/ul#	92

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Quantitation Report (Not Reviewed)

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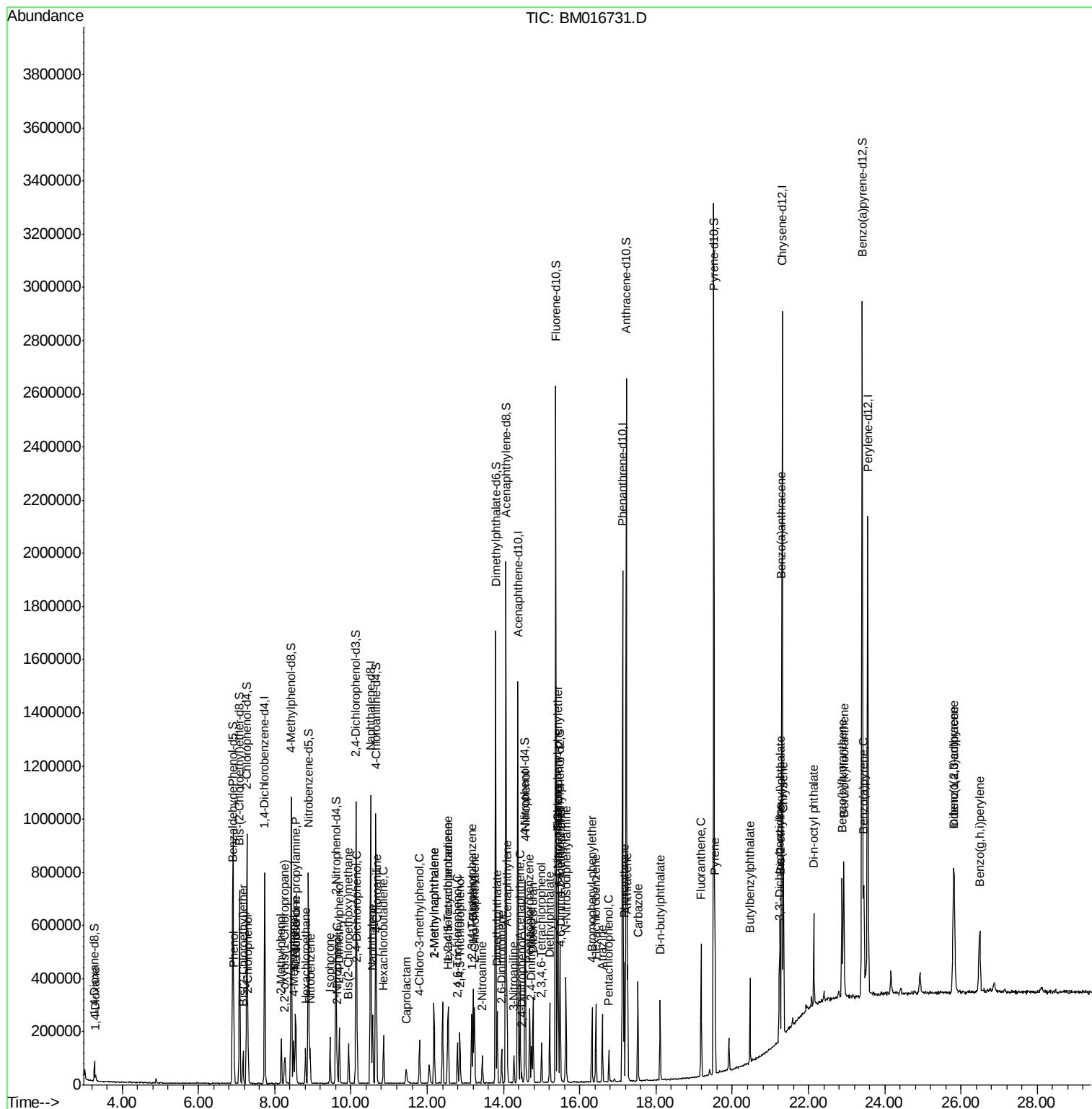
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

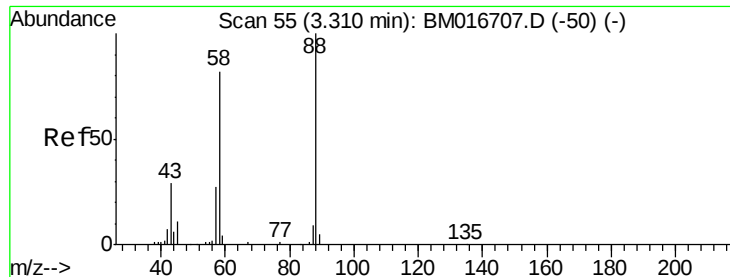
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : BM016731.D
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Instrument :
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Quant Time: Sep 12 01:12:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 15:28:07 2018
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#2

1,4-Dioxane

Concen: 1.782 ng/uL

RT: 3.30 min Scan# 54

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

Instrument :

BNA_M

ClientSampleId :

MDL-S-06

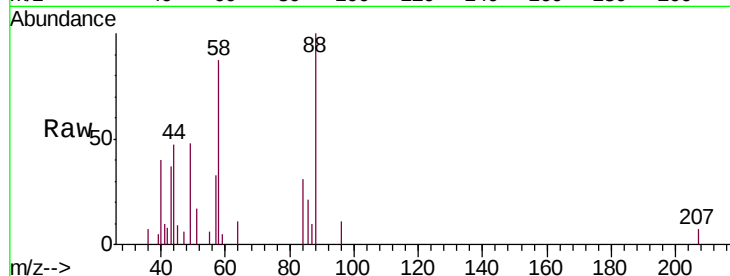
Tgt Ion: 88 Resp: 9260

Ion Ratio Lower Upper

88 100

43 36.5 29.0 43.4

58 86.6 45.9 68.9#

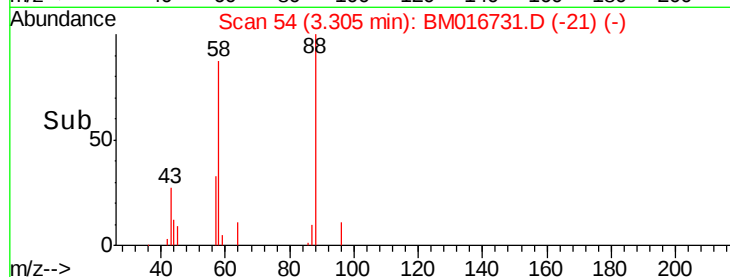


Abundance Ion 88.00 (87.70 to 88.70): BM016731.D (-50) (-)

Ion 43.00 (42.70 to 43.70): BM016731.D (-50) (-)

Ion 58.00 (57.70 to 58.70): BM016731.D (-50) (-)

Time-->

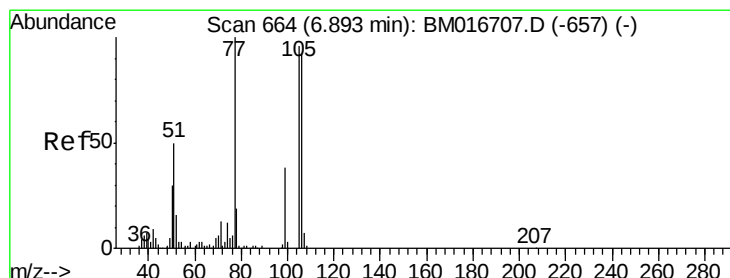


Abundance Ion 88.00 (87.70 to 88.70): BM016731.D (-21) (-)

Ion 43.00 (42.70 to 43.70): BM016731.D (-21) (-)

Ion 58.00 (57.70 to 58.70): BM016731.D (-21) (-)

Time-->



#4

Benzaldehyde

Concen: 4.752 ng/uL

RT: 6.89 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

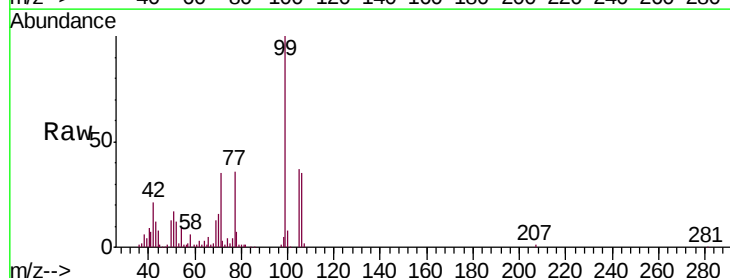
Tgt Ion: 77 Resp: 48172

Ion Ratio Lower Upper

77 100

105 102.9 71.0 106.6

106 95.9 69.5 104.3

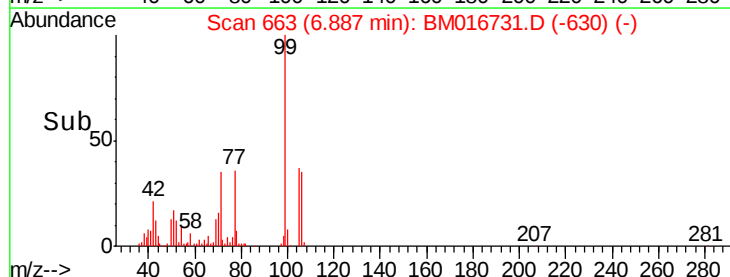


Abundance Ion 77.00 (76.70 to 77.70): BM016731.D (-657) (-)

Ion 105.00 (104.70 to 105.70): BM016731.D (-657) (-)

Ion 106.00 (105.70 to 106.70): BM016731.D (-657) (-)

Time-->

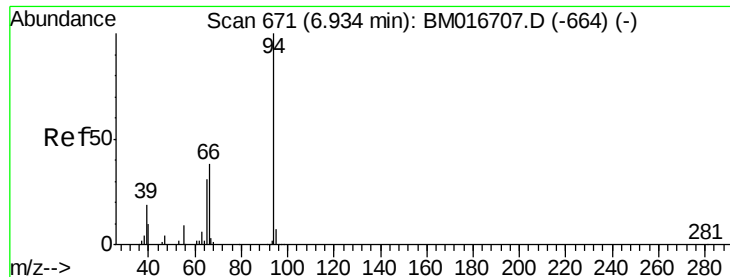


Abundance Ion 77.00 (76.70 to 77.70): BM016731.D (-630) (-)

Ion 105.00 (104.70 to 105.70): BM016731.D (-630) (-)

Ion 106.00 (105.70 to 106.70): BM016731.D (-630) (-)

Time-->



#6

Phenol

Concen: 4.235 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

Instrument :

BNA_M

ClientSampleId :

MDL-S-06

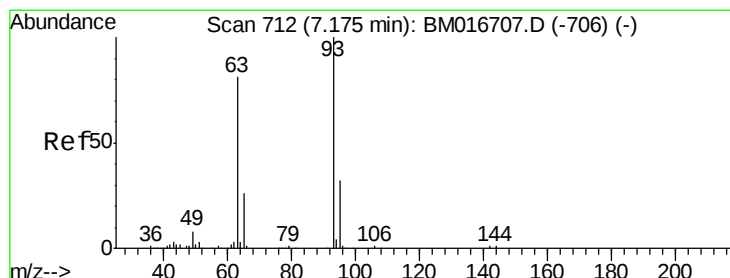
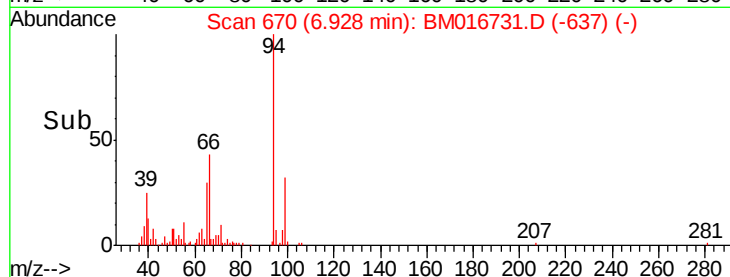
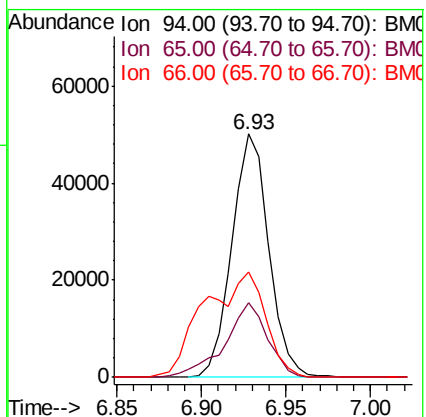
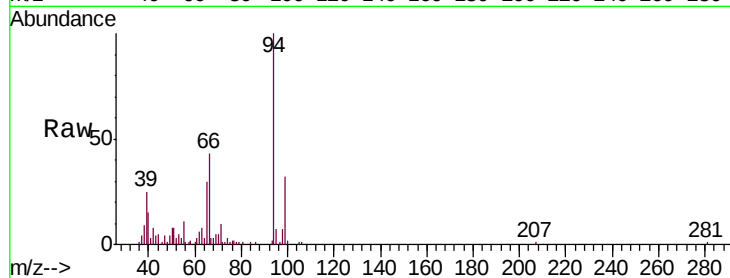
Tgt Ion: 94 Resp: 76158

Ion Ratio Lower Upper

94 100

65 30.5 23.0 34.6

66 43.3 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 4.402 ng/ul

RT: 7.17 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

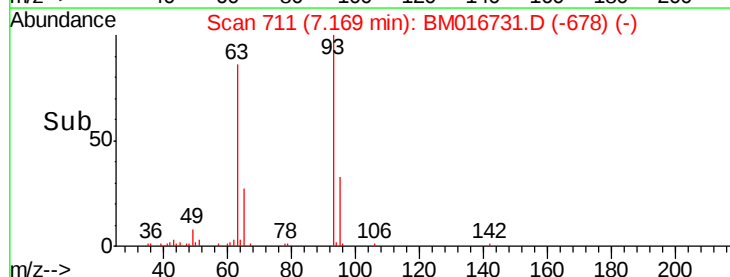
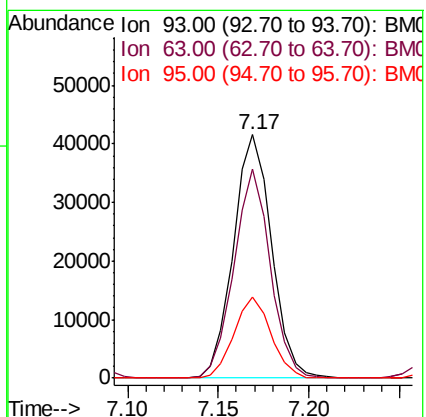
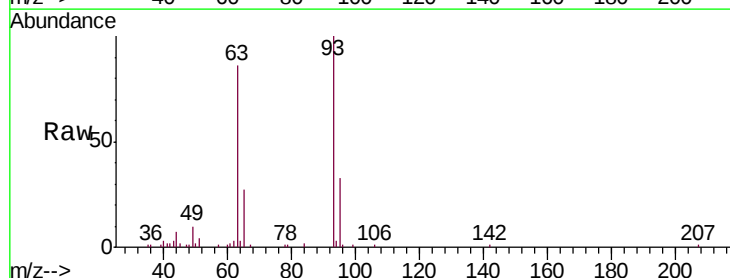
Tgt Ion: 93 Resp: 60940

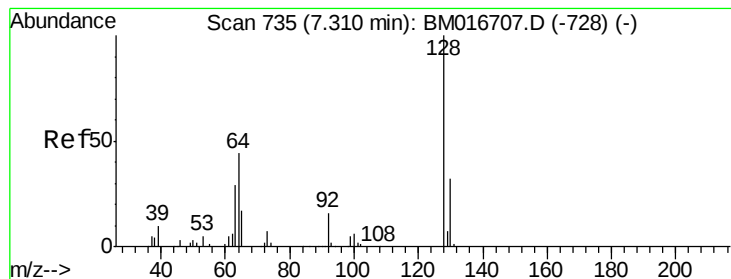
Ion Ratio Lower Upper

93 100

63 85.8 59.4 89.2

95 33.4 26.4 39.6

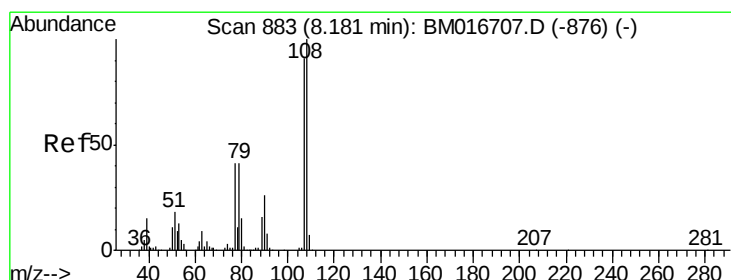
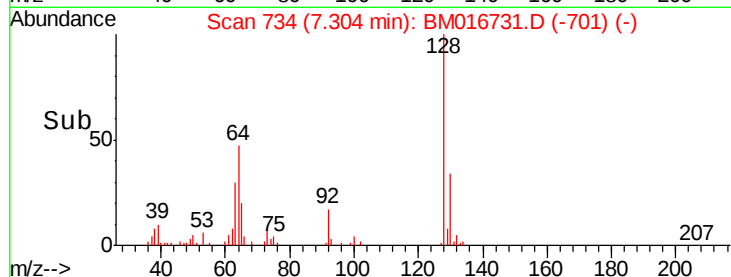
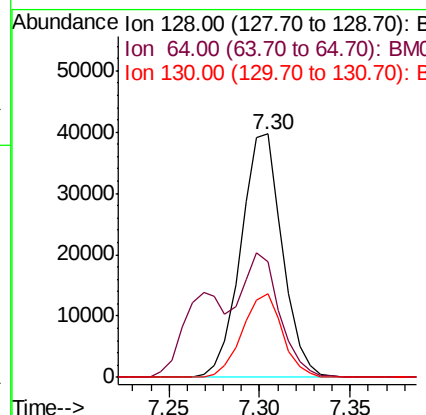
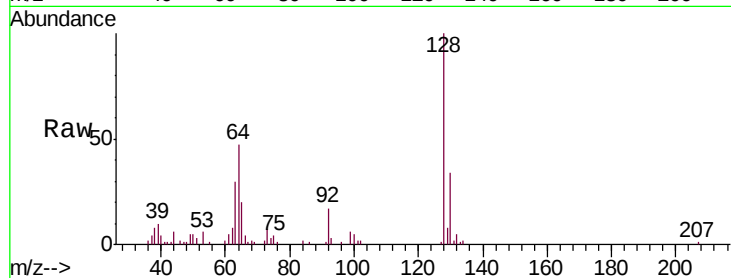




#10
2-Chlorophenol
Concen: 4.273 ng/ul
RT: 7.30 min Scan# 734
Delta R.T. -0.01 min
Lab File: BM016731.D
Acq: 11 Sep 2018 20:20

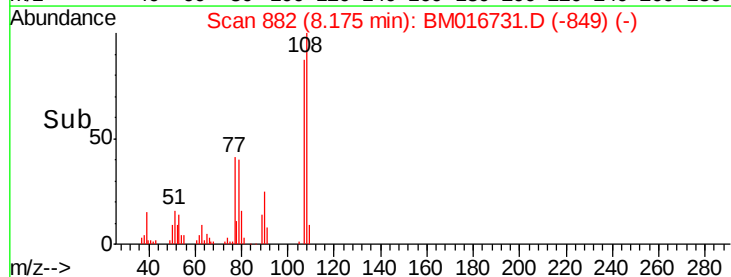
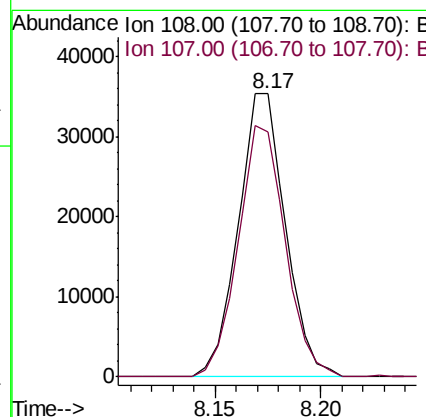
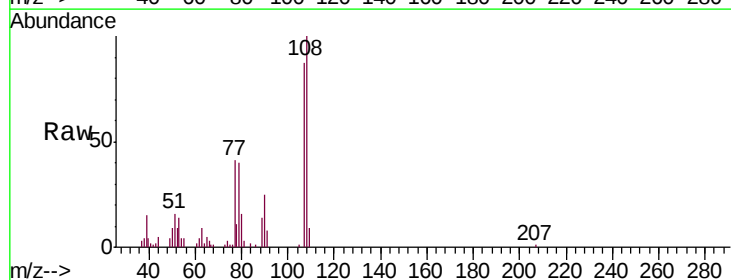
Instrument :
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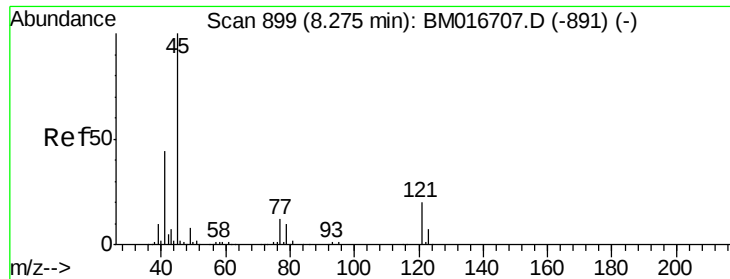
Tgt Ion:128 Resp: 63097
Ion Ratio Lower Upper
128 100
64 47.3 39.8 59.6
130 34.3 25.8 38.8



#11
2-Methylphenol
Concen: 4.059 ng/ul
RT: 8.17 min Scan# 882
Delta R.T. -0.01 min
Lab File: BM016731.D
Acq: 11 Sep 2018 20:20

Tgt Ion:108 Resp: 54701
Ion Ratio Lower Upper
108 100
107 86.5 74.1 111.1

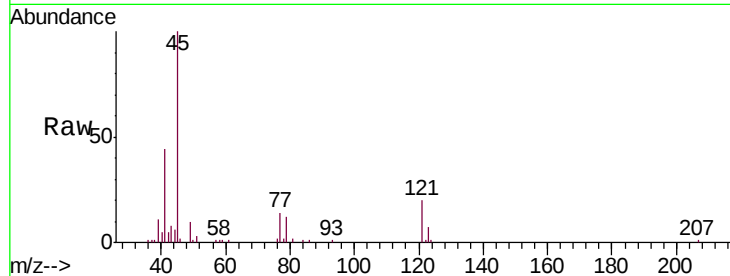




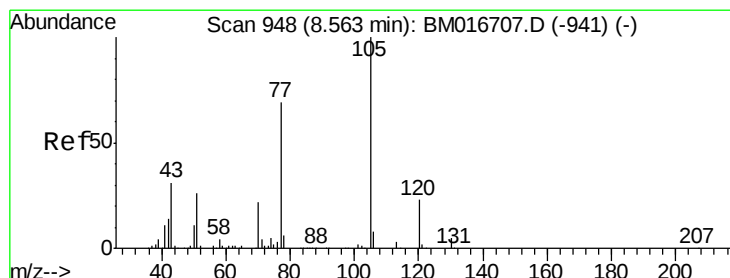
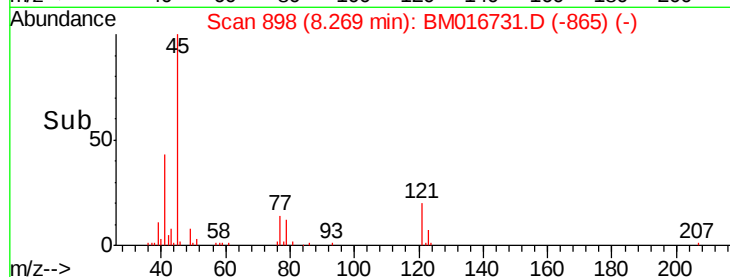
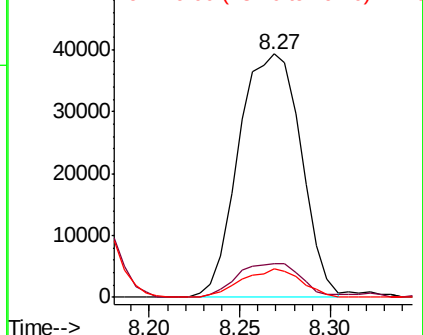
#12
2,2'-oxybis(1-Chloropropane)
Concen: 4.294 ng/ul
RT: 8.27 min Scan# 898
Delta R.T. -0.01 min
Lab File: BM016731.D
Acq: 11 Sep 2018 20:20

Instrument :
BNA_M
ClientSampled :
MDL-S-06

Tgt Ion: 45 Resp: 94013
Ion Ratio Lower Upper
45 100
77 13.7 12.5 18.7
79 11.9 9.4 14.2

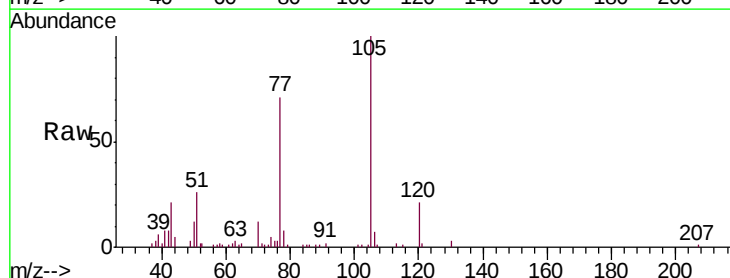


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

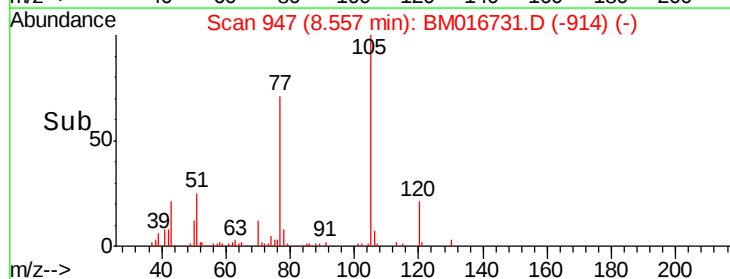
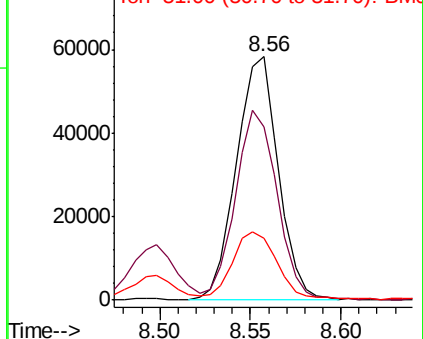


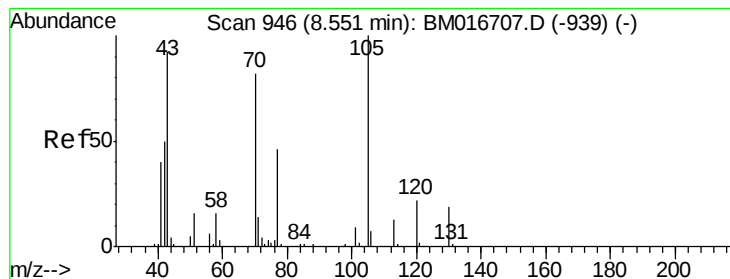
#14
Acetophenone
Concen: 4.353 ng/ul
RT: 8.56 min Scan# 947
Delta R.T. -0.01 min
Lab File: BM016731.D
Acq: 11 Sep 2018 20:20

Tgt Ion: 105 Resp: 94053
Ion Ratio Lower Upper
105 100
77 71.0 63.2 94.8
51 25.5 19.8 29.8



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





#15

N-Nitroso-di-n-propylamine

Concen: 4.033 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

Instrument :

BNA_M

ClientSampleId :

MDL-S-06

Tgt Ion: 70 Resp: 43606

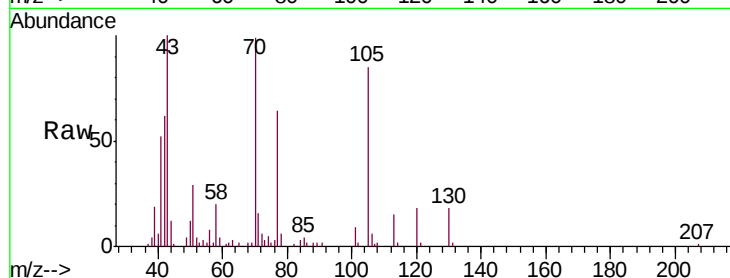
Ion Ratio Lower Upper

70 100

42 62.1 40.2 60.4#

101 9.5 7.7 11.5

130 18.3 17.8 26.6



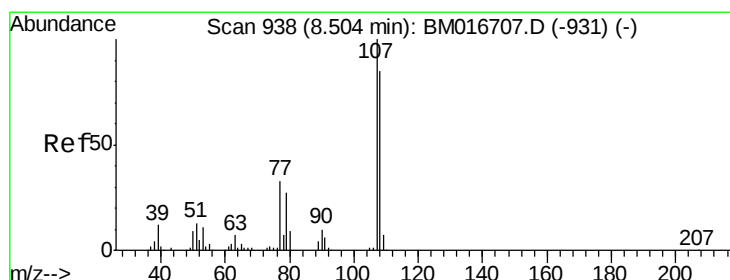
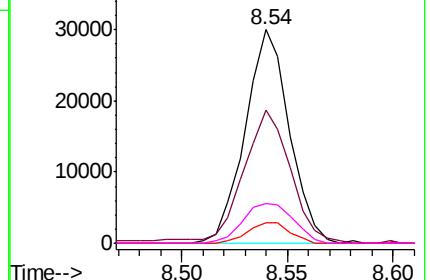
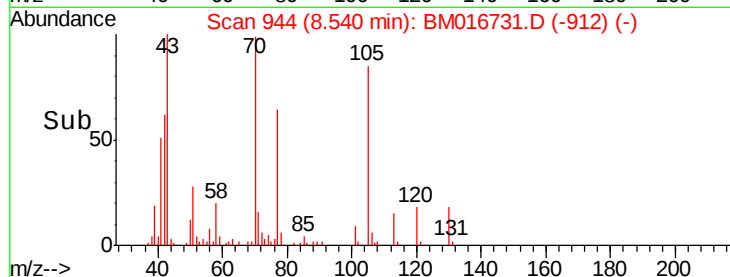
Abundance

Ion 70.00 (69.70 to 70.70): BM016731.D (-912) (-)

Ion 42.00 (41.70 to 42.70): BM016731.D (-912) (-)

Ion 101.00 (100.70 to 101.70): BM016731.D (-912) (-)

Ion 130.00 (129.70 to 130.70): BM016731.D (-912) (-)



#16

4-Methylphenol

Concen: 4.242 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BM016731.D

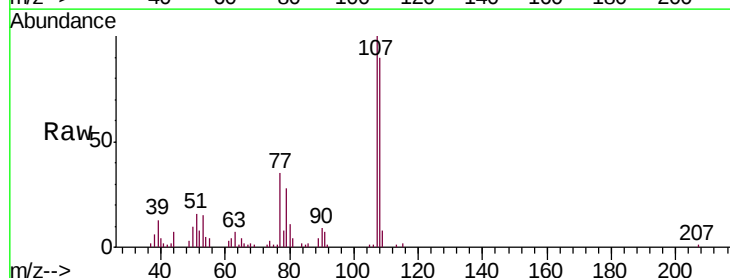
Acq: 11 Sep 2018 20:20

Tgt Ion: 108 Resp: 60428

Ion Ratio Lower Upper

108 100

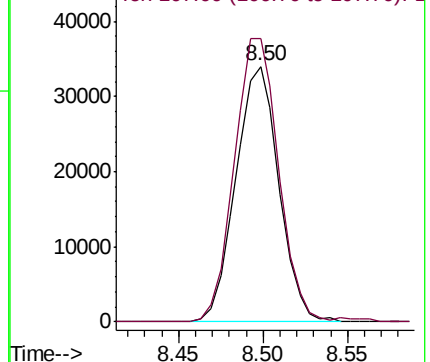
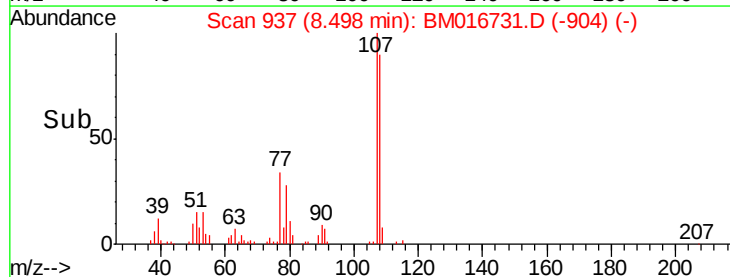
107 110.6 93.6 140.4

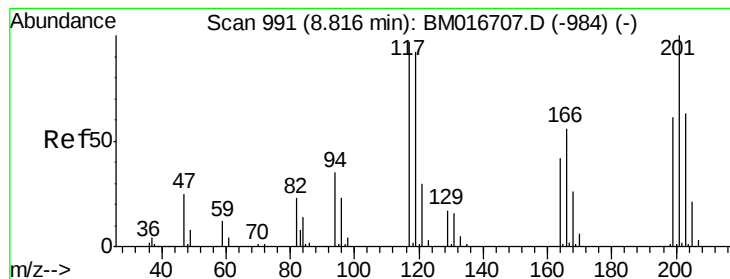


Abundance

Ion 108.00 (107.70 to 108.70): BM016731.D (-904) (-)

Ion 107.00 (106.70 to 107.70): BM016731.D (-904) (-)





#17

Hexachloroethane

Concen: 4.246 ng/ul

RT: 8.80 min Scan# 989

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

Instrument :

BNA_M

ClientSampleId :

MDL-S-06

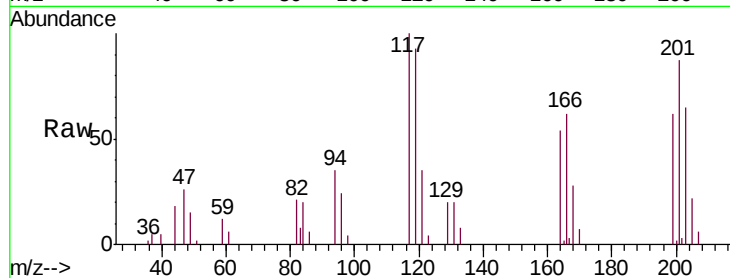
Tgt Ion: 117 Resp: 24626

Ion Ratio Lower Upper

117 100

201 86.7 96.1 144.1#

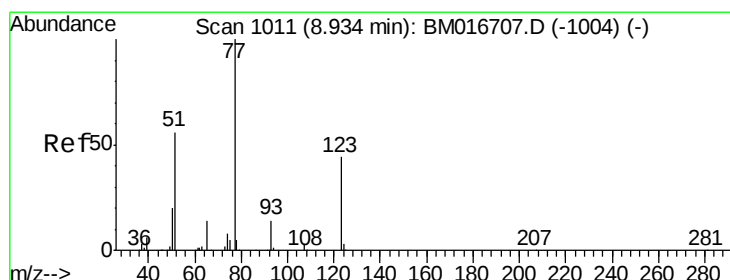
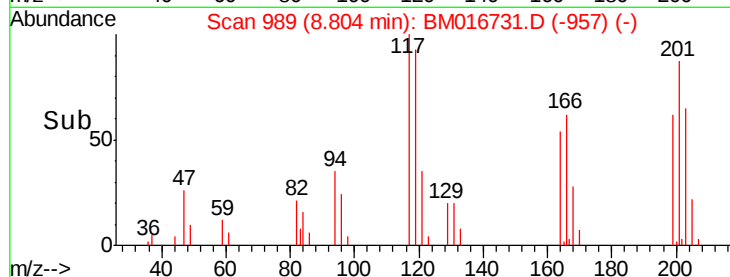
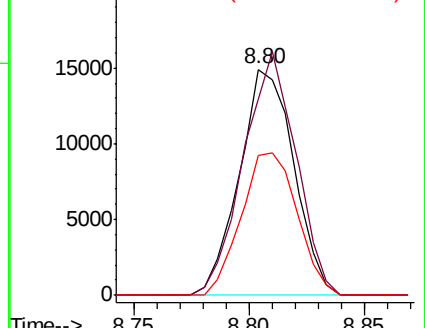
199 61.8 59.7 89.5



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 4.642 ng/ul

RT: 8.93 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

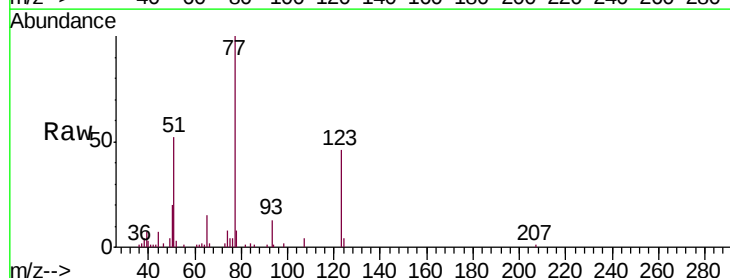
Tgt Ion: 77 Resp: 69214

Ion Ratio Lower Upper

77 100

123 46.0 31.8 47.8

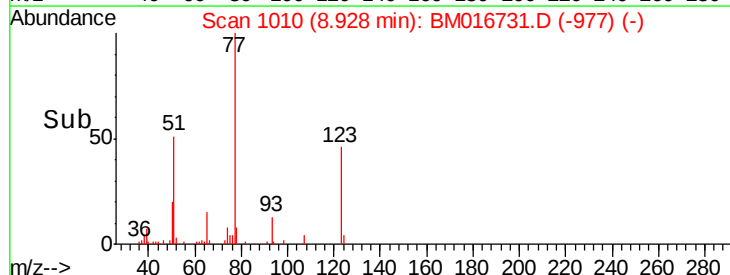
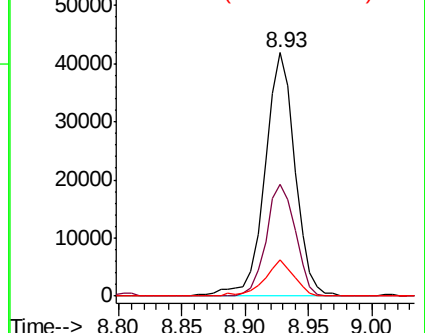
65 14.7 10.6 16.0

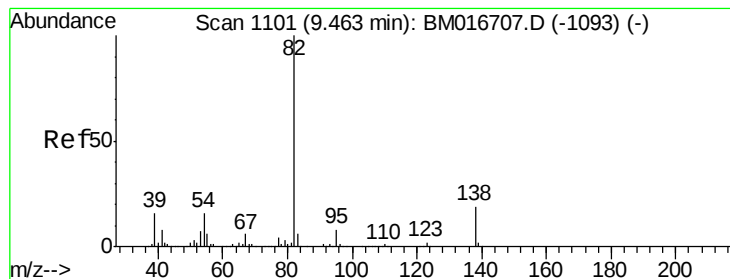


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 3.922 ng/ul

RT: 9.45 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

Instrument :

BNA_M

ClientSampleId :

MDL-S-06

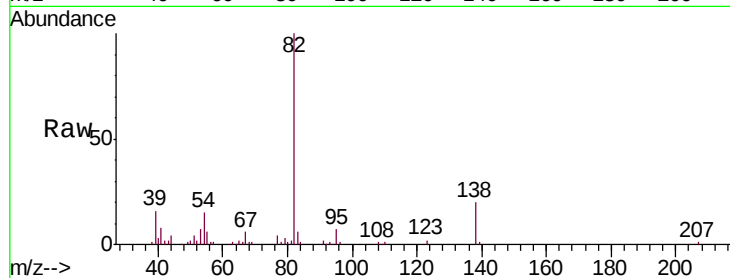
Tgt Ion: 82 Resp: 116219

Ion Ratio Lower Upper

82 100

95 6.9 6.1 9.1

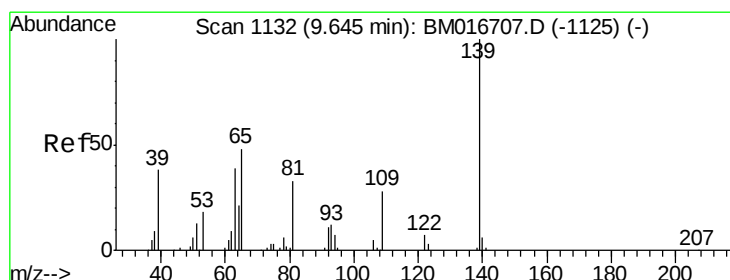
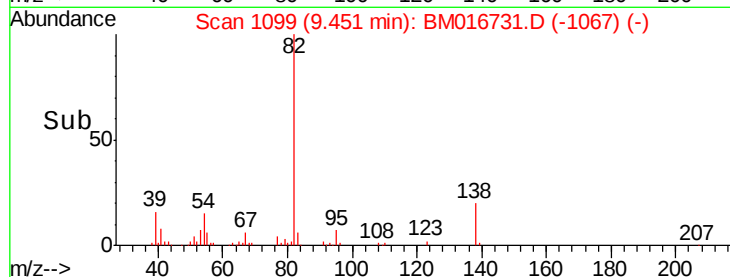
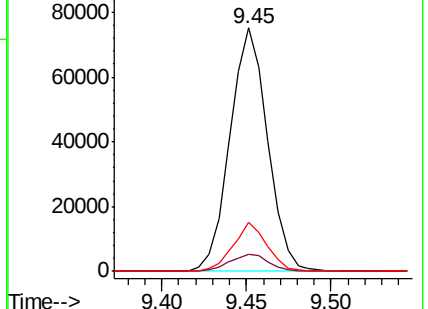
138 20.1 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BM016731.D (-1093) (-)

Ion 95.00 (94.70 to 95.70): BM016731.D (-1093) (-)

Ion 138.00 (137.70 to 138.70): BM016731.D (-1093) (-)



#23

2-Nitrophenol

Concen: 4.636 ng/ul

RT: 9.63 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

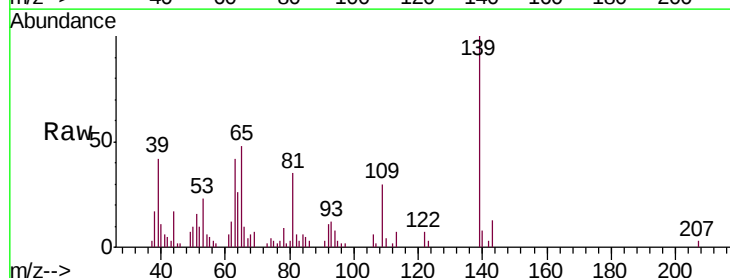
Tgt Ion: 139 Resp: 28679

Ion Ratio Lower Upper

139 100

65 47.7 45.3 67.9

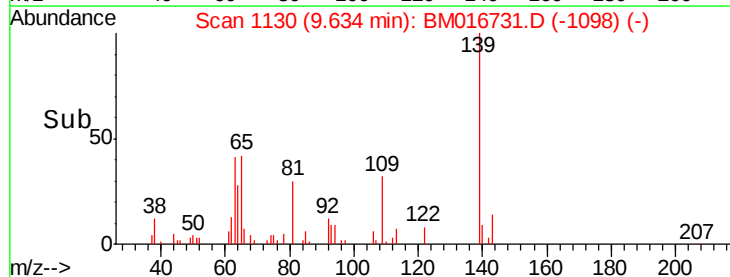
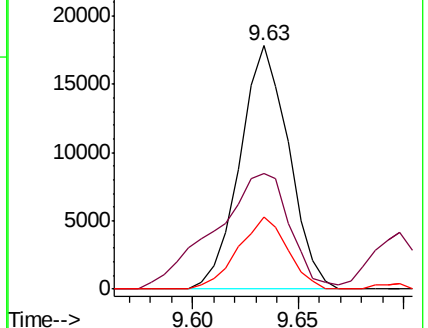
109 29.6 27.7 41.5

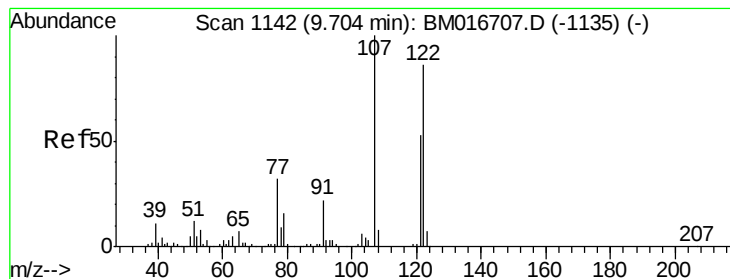


Abundance Ion 139.00 (138.70 to 139.70): BM016731.D (-1098) (-)

Ion 65.00 (64.70 to 65.70): BM016731.D (-1098) (-)

Ion 109.00 (108.70 to 109.70): BM016731.D (-1098) (-)





#24

2,4-Dimethylphenol

Concen: 4.148 ng/ul

RT: 9.70 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

Instrument :

BNA_M

ClientSampleId :

MDL-S-06

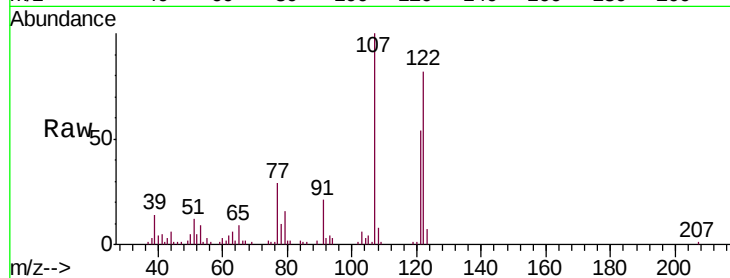
Tgt Ion: 107 Resp: 66214

Ion Ratio Lower Upper

107 100

121 53.8 38.1 57.1

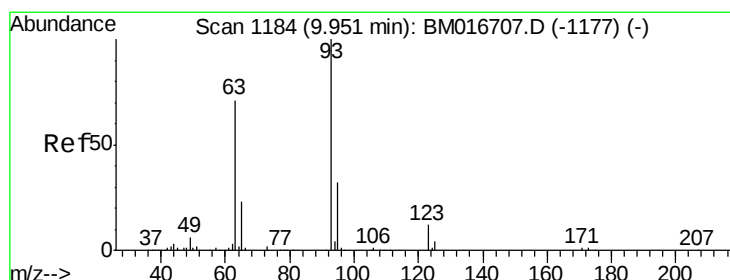
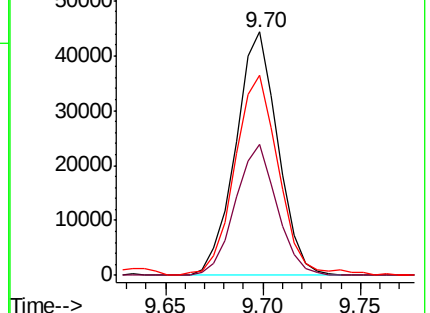
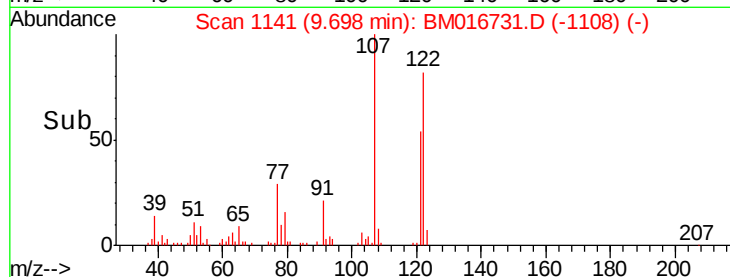
122 82.0 63.8 95.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 4.328 ng/ul

RT: 9.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

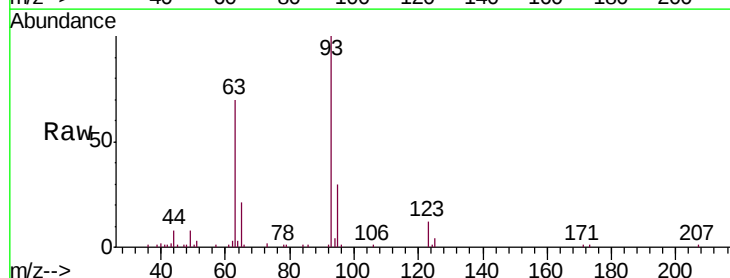
Tgt Ion: 93 Resp: 79262

Ion Ratio Lower Upper

93 100

95 29.6 24.7 37.1

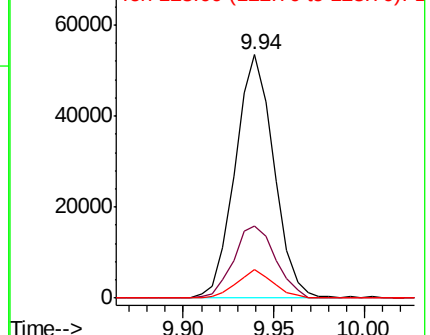
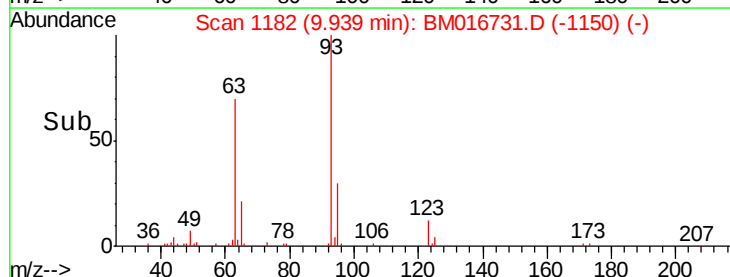
123 11.5 8.2 12.2

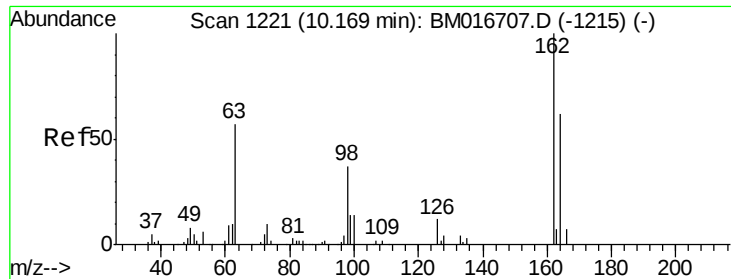


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

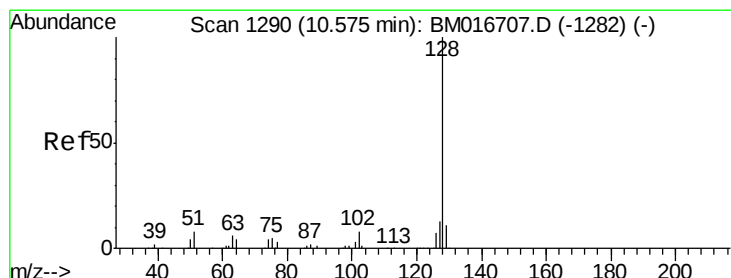
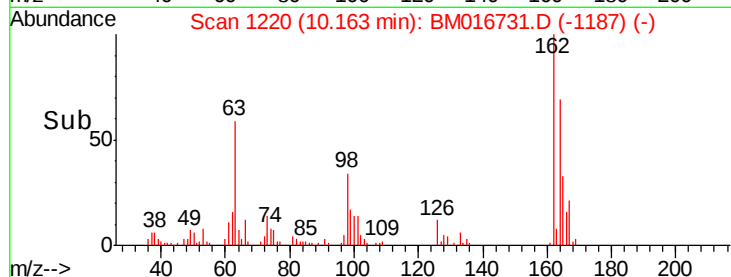
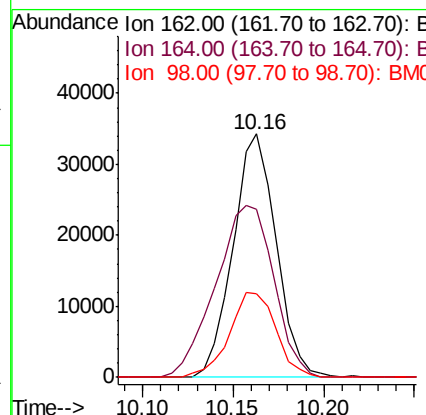
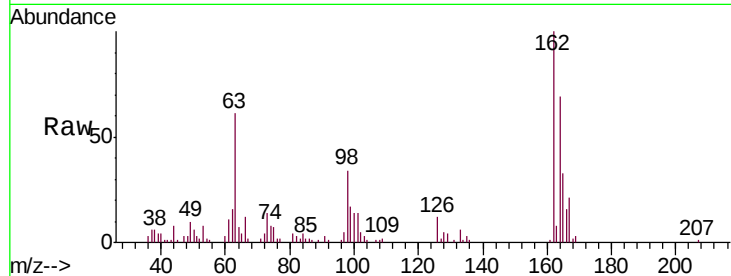




#27
 2,4-Dichlorophenol
 Concen: 4.343 ng/ul
 RT: 10.16 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

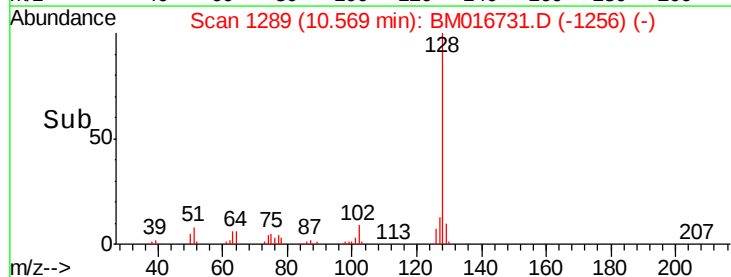
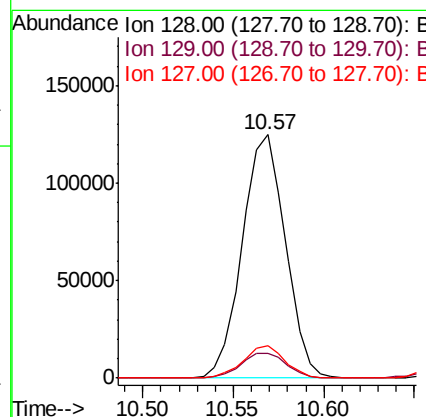
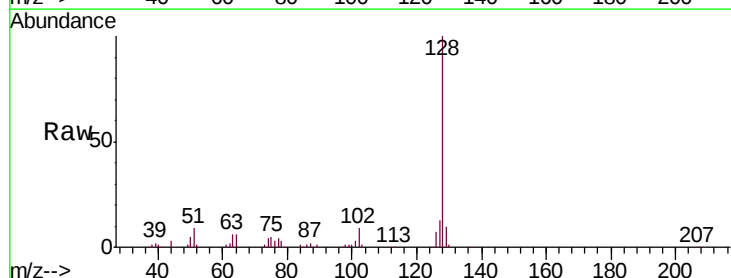
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-06

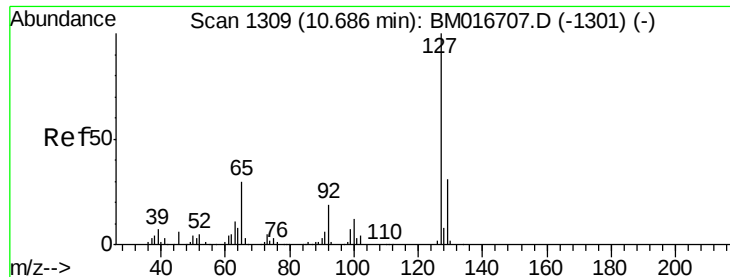
Tgt Ion:162 Resp: 56814
 Ion Ratio Lower Upper
 162 100
 164 69.0 52.0 78.0
 98 34.2 26.6 39.8



#28
 Naphthalene
 Concen: 4.482 ng/ul
 RT: 10.57 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

Tgt Ion:128 Resp: 206725
 Ion Ratio Lower Upper
 128 100
 129 10.1 8.3 12.5
 127 13.2 10.8 16.2

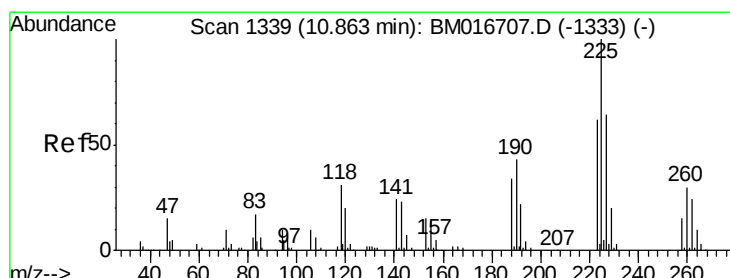
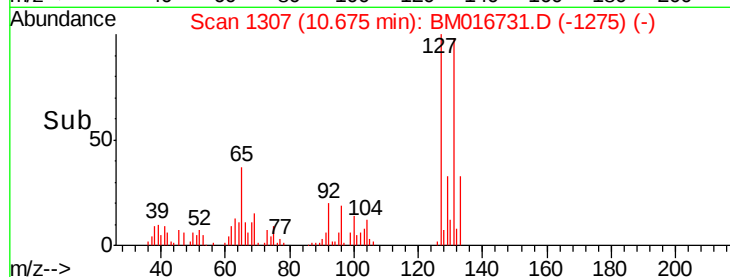
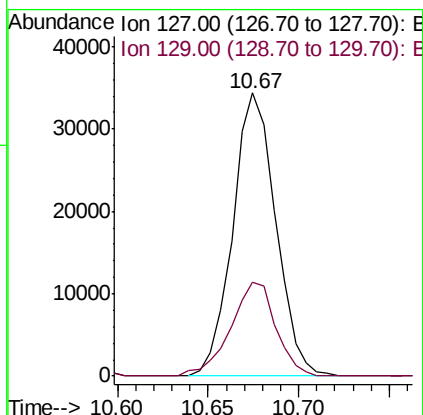
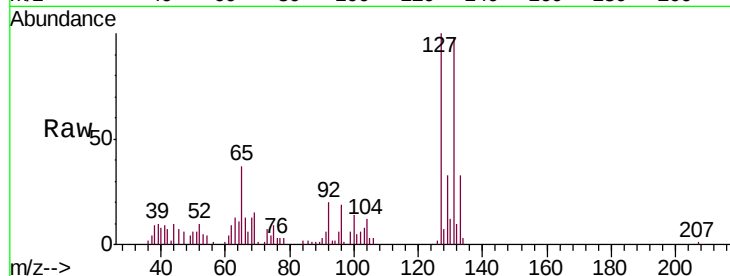




#30
4-Chloroaniline
Concen: 3.443 ng/ul
RT: 10.67 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016731.D
Acq: 11 Sep 2018 20:20

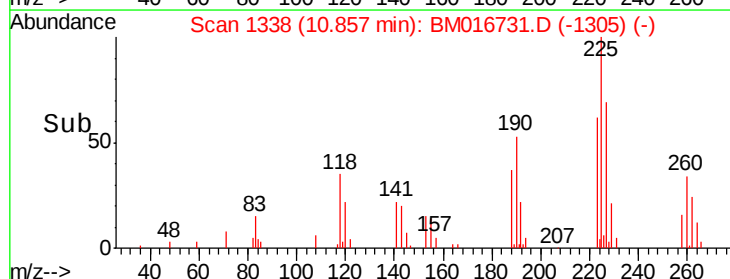
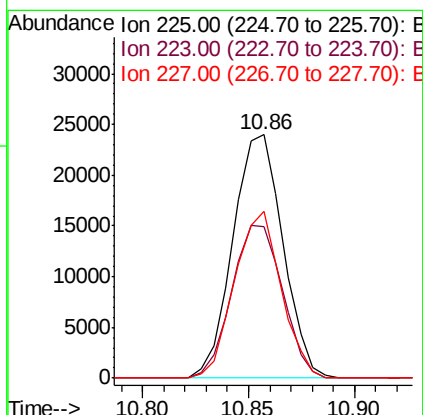
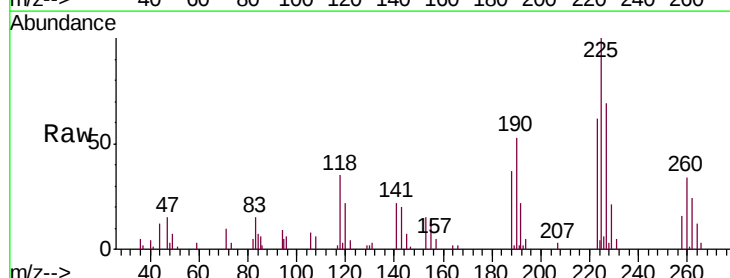
Instrument :
BNA_M
ClientSampleId :
MDL-S-06

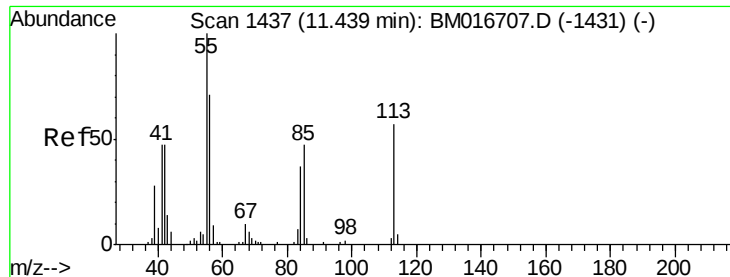
Tgt Ion:127 Resp: 56632
Ion Ratio Lower Upper
127 100
129 33.2 24.6 37.0



#31
Hexachlorobutadiene
Concen: 4.470 ng/ul
RT: 10.86 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BM016731.D
Acq: 11 Sep 2018 20:20

Tgt Ion:225 Resp: 39475
Ion Ratio Lower Upper
225 100
223 62.2 48.1 72.1
227 68.5 52.1 78.1





#32

Caprolactam

Concen: 2.986 ng/ul

RT: 11.45 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

Instrument :

BNA_M

ClientSampleId :

MDL-S-06

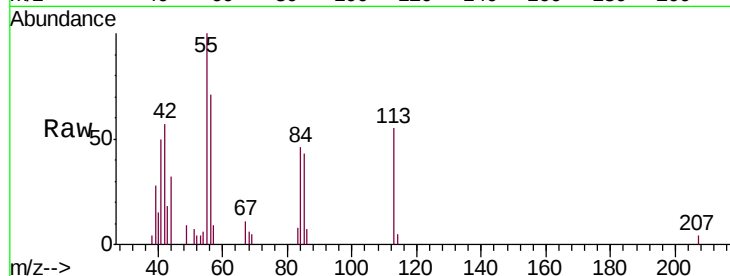
Tgt Ion:113 Resp: 12356

Ion Ratio Lower Upper

113 100

55 183.3 131.7 197.5

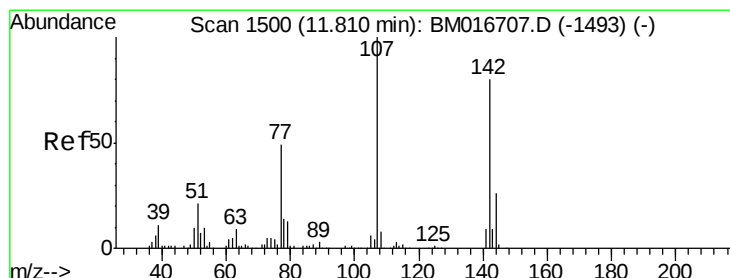
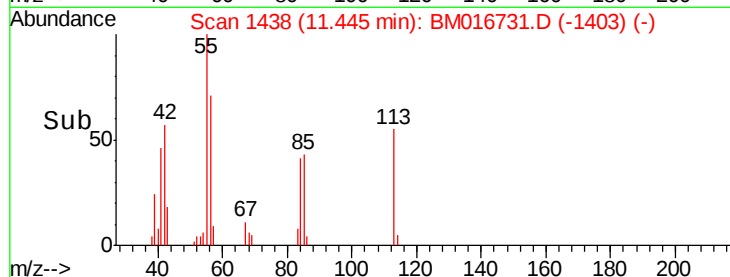
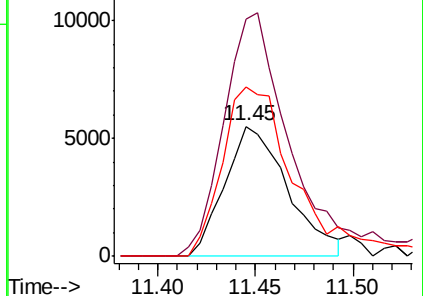
56 130.1 92.7 139.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 3.938 ng/ul

RT: 11.80 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

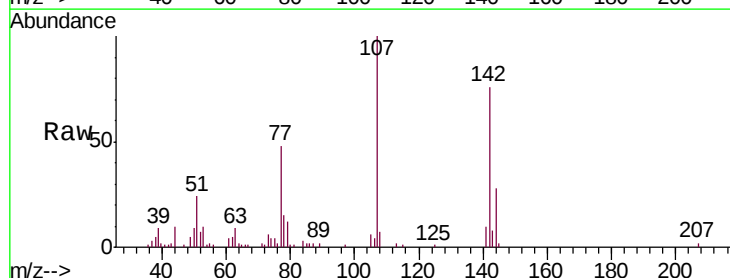
Tgt Ion:107 Resp: 53996

Ion Ratio Lower Upper

107 100

144 27.5 21.1 31.7

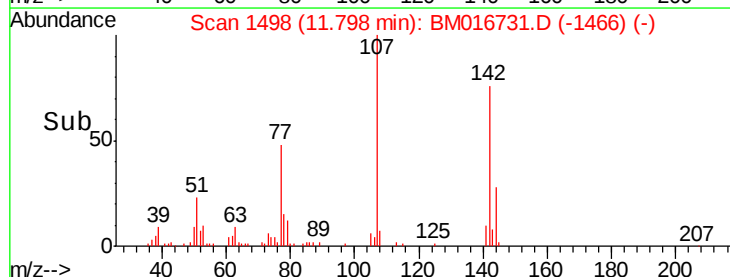
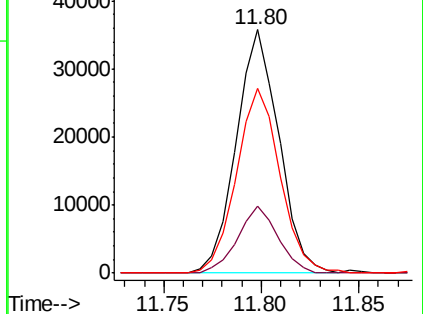
142 75.7 60.1 90.1

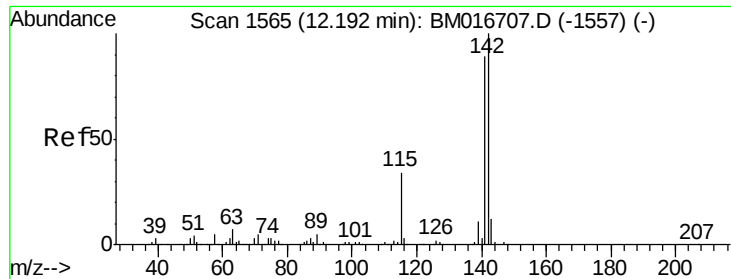


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

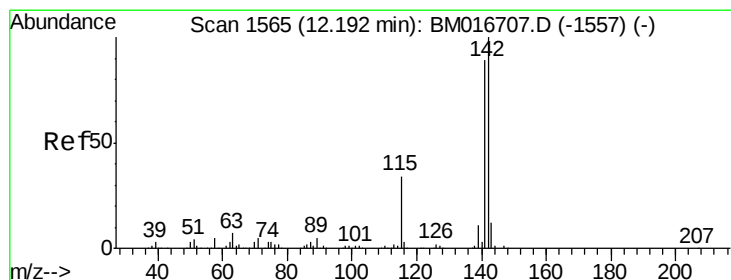
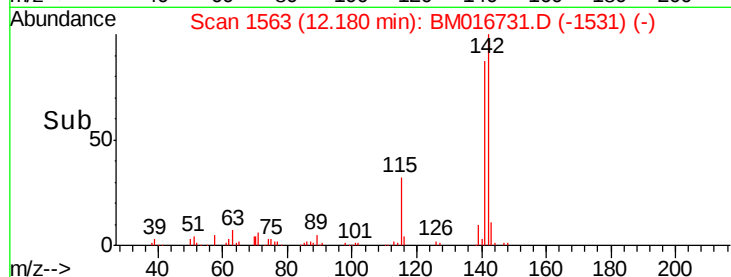
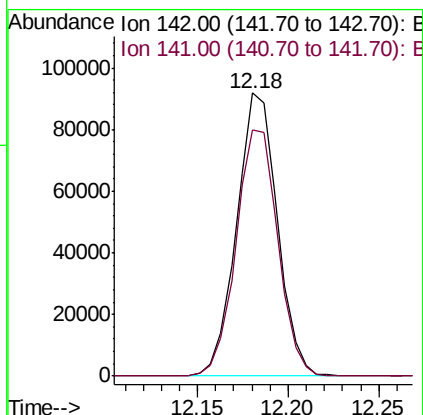
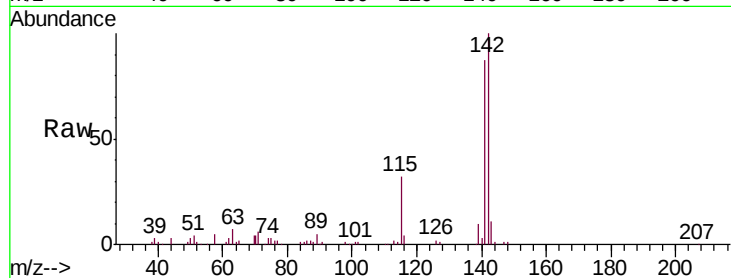




#34
2-Methylnaphthalene
Concen: 4.421 ng/ul
RT: 12.18 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BM016731.D
Acq: 11 Sep 2018 20:20

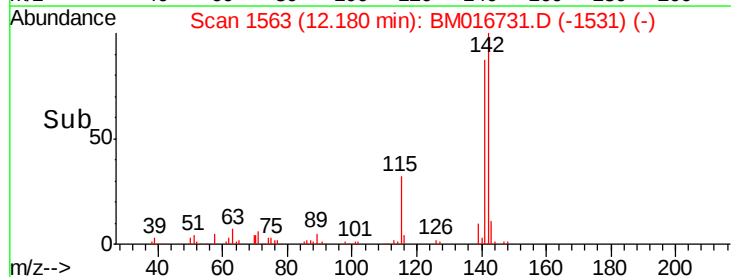
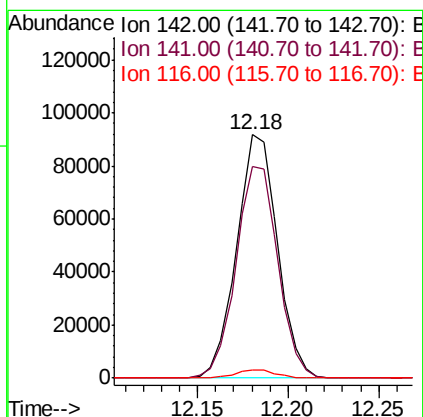
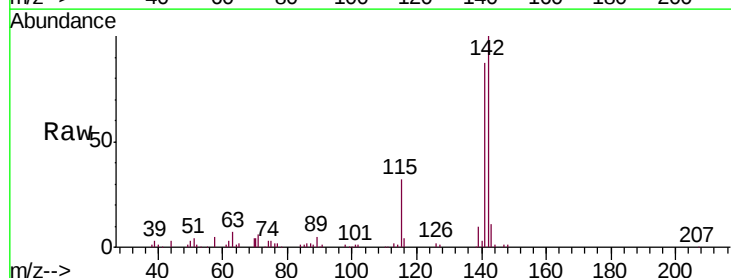
Instrument :
BNA_M
ClientSampleId :
MDL-S-06

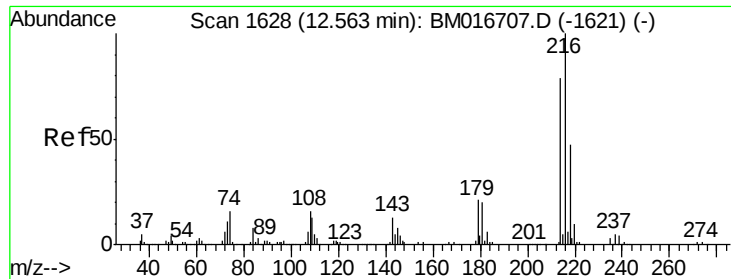
Tgt Ion:142 Resp: 143691
Ion Ratio Lower Upper
142 100
141 86.9 71.4 107.2



#35
1-Methylnaphthalene
Concen: 4.421 ng/ul
RT: 12.18 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BM016731.D
Acq: 11 Sep 2018 20:20

Tgt Ion:142 Resp: 143691
Ion Ratio Lower Upper
142 100
141 86.9 76.6 115.0
116 3.5 3.6 5.4#

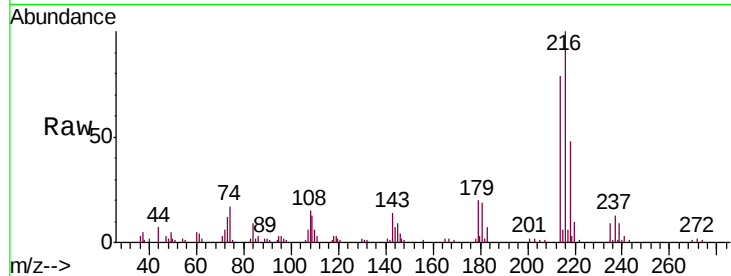




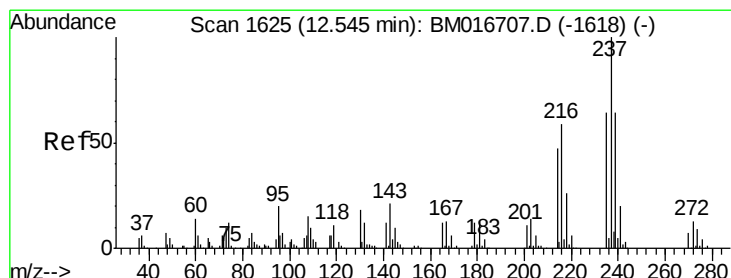
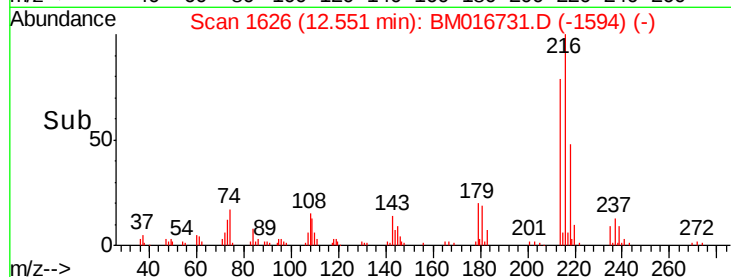
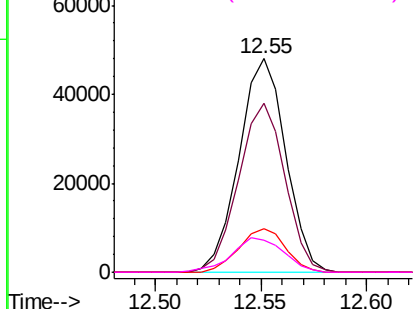
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.389 ng/ul
 RT: 12.55 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-06

Tgt Ion:	216	Resp:	73697
Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.1	96.1
179	20.2	14.5	21.7
108	14.9	10.4	15.6

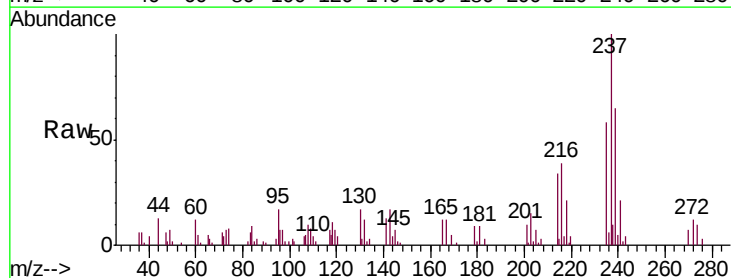


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

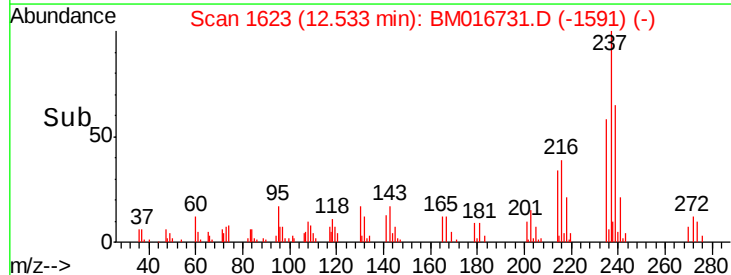
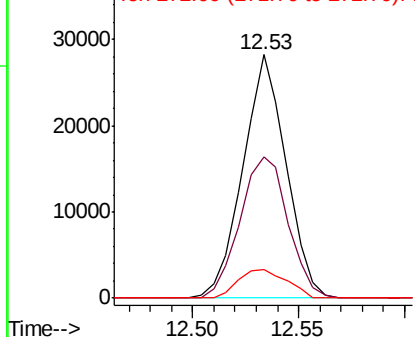


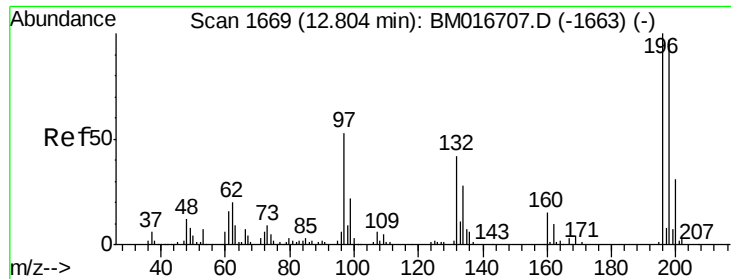
#38
 Hexachlorocyclopentadiene
 Concen: 3.830 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

Tgt Ion:	237	Resp:	40039
Ion	Ratio	Lower	Upper
237	100		
235	57.9	49.5	74.3
272	11.9	8.6	12.8



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

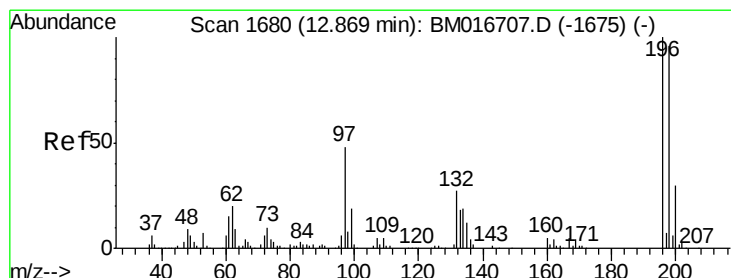
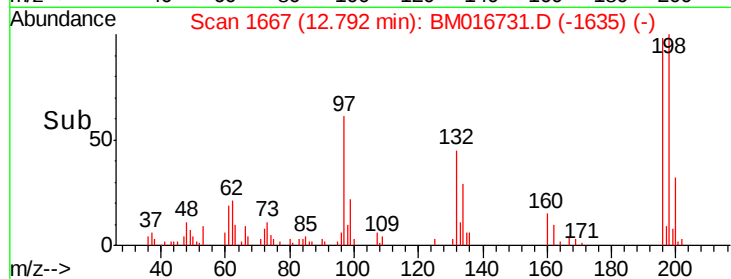
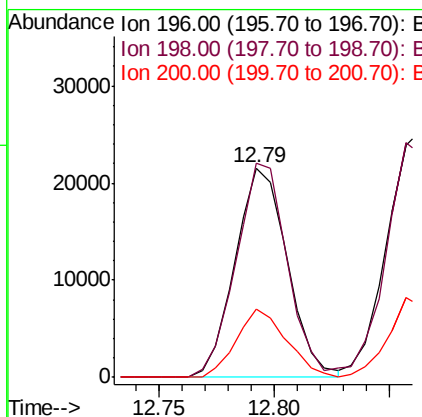
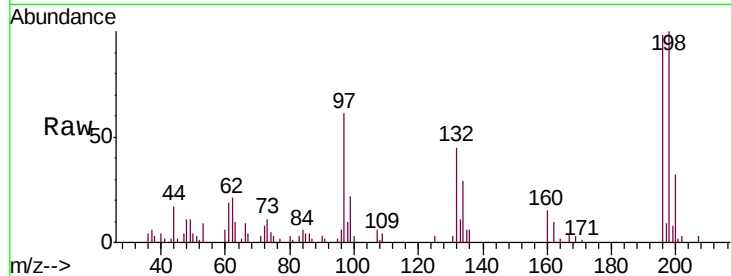




#39
 2,4,6-Trichlorophenol
 Concen: 3.560 ng/ul
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

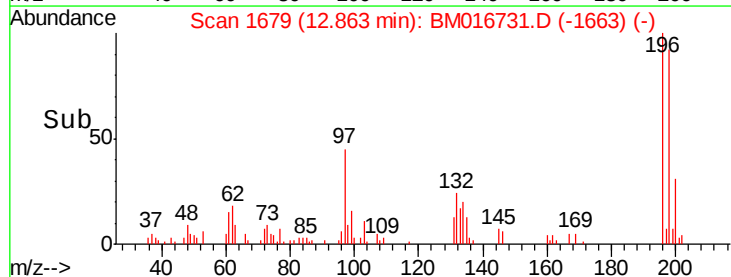
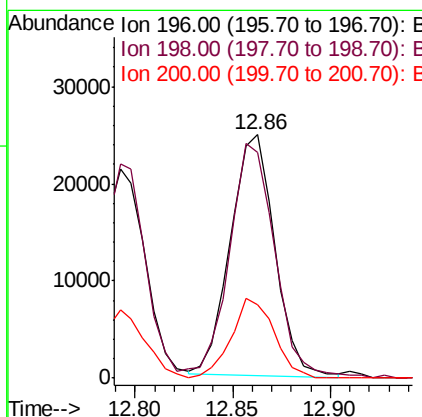
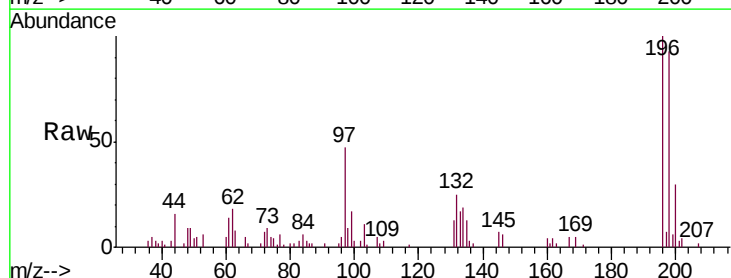
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-06

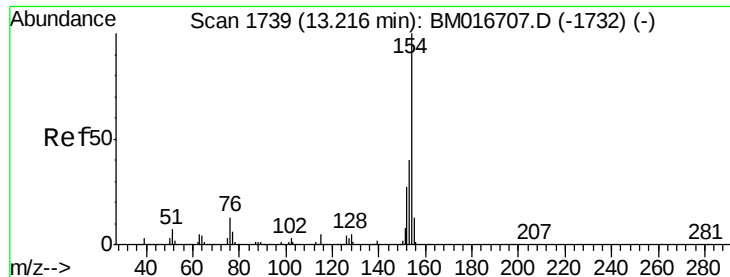
Tgt Ion:196 Resp: 34035
 Ion Ratio Lower Upper
 196 100
 198 102.4 75.9 113.9
 200 32.7 25.8 38.6



#40
 2,4,5-Trichlorophenol
 Concen: 3.755 ng/ul
 RT: 12.86 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

Tgt Ion:196 Resp: 39178
 Ion Ratio Lower Upper
 196 100
 198 92.9 74.7 112.1
 200 30.0 25.4 38.0

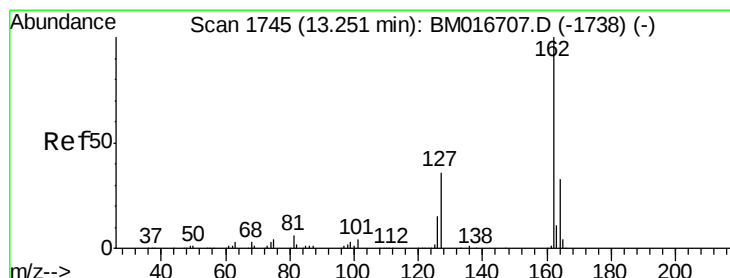
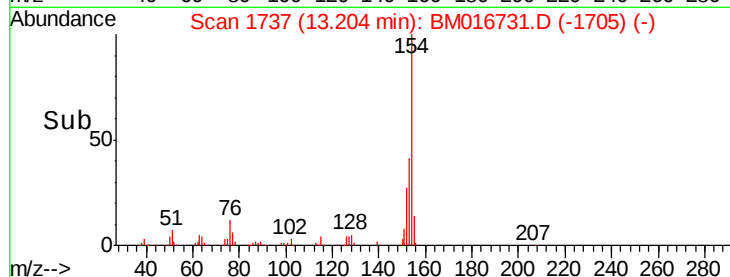
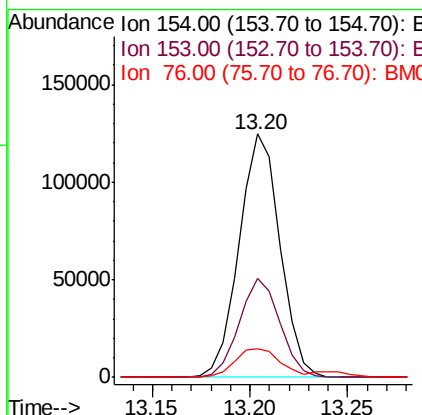
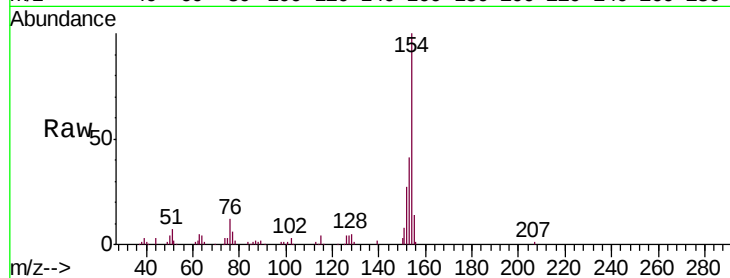




#41
 1,1'-Biphenyl
 Concen: 4.446 ng/ul
 RT: 13.20 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

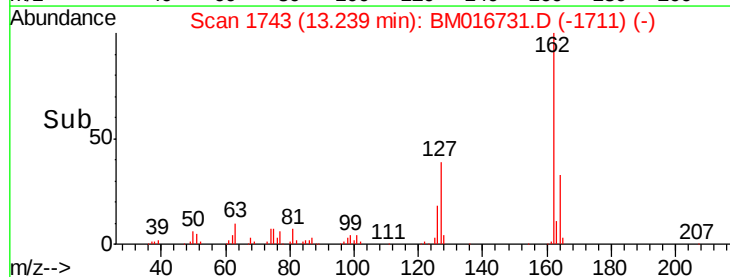
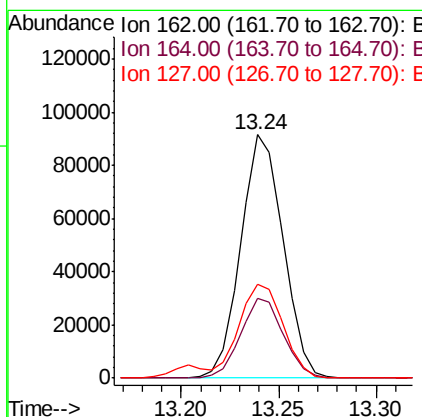
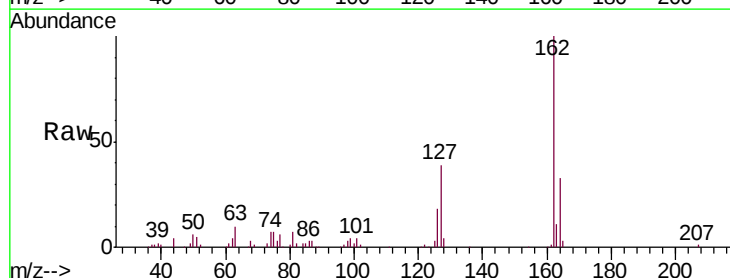
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-06

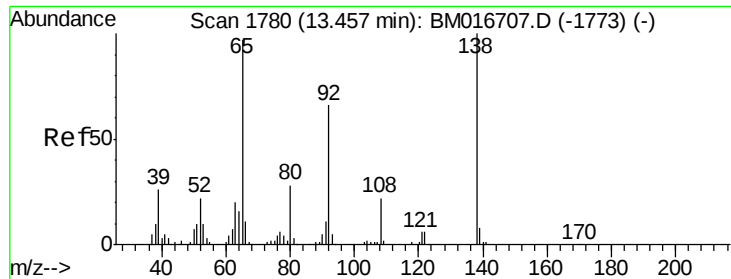
Tgt Ion:154 Resp: 180812
 Ion Ratio Lower Upper
 154 100
 153 40.7 34.0 51.0
 76 12.0 8.4 12.6



#42
 2-Chloronaphthalene
 Concen: 4.324 ng/ul
 RT: 13.24 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

Tgt Ion:162 Resp: 137621
 Ion Ratio Lower Upper
 162 100
 164 32.7 26.2 39.4
 127 38.5 29.5 44.3

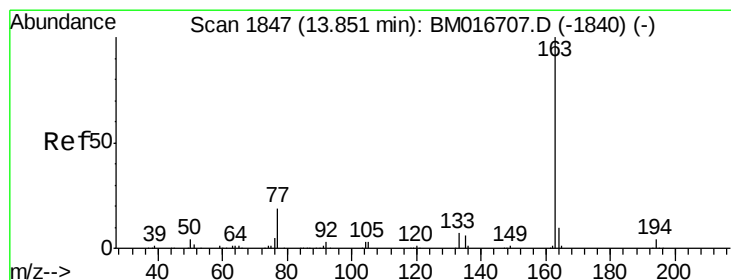
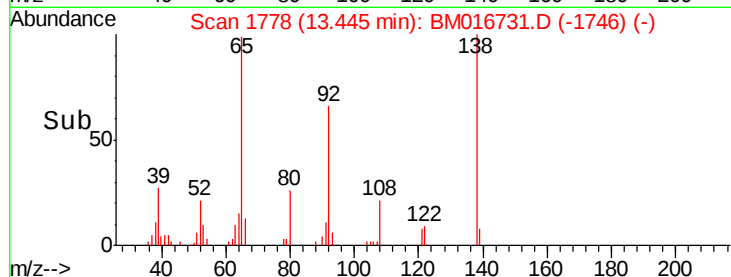
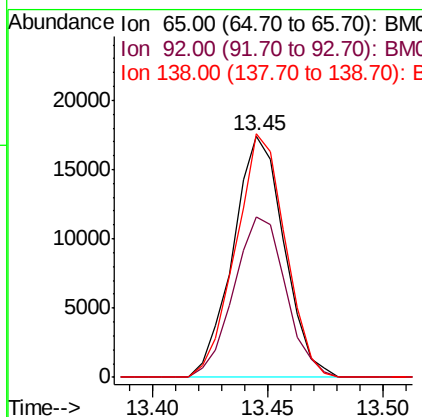
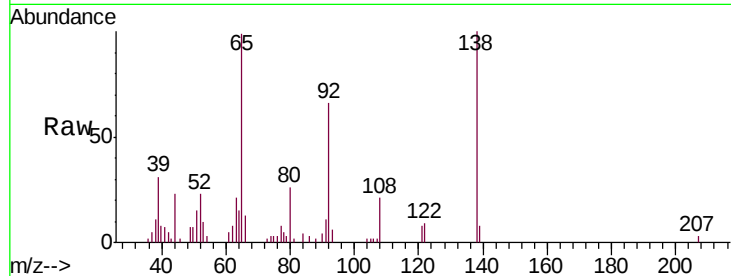




#43
2-Nitroaniline
Concen: 3.830 ng/ul
RT: 13.45 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM016731.D
Acq: 11 Sep 2018 20:20

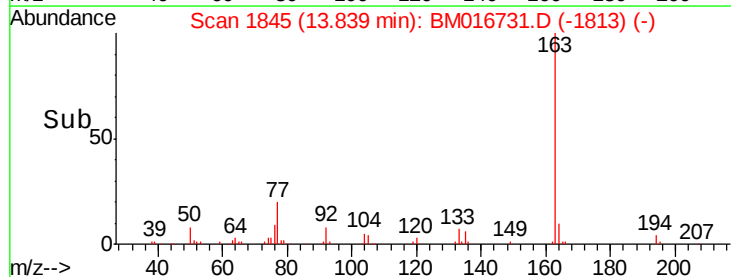
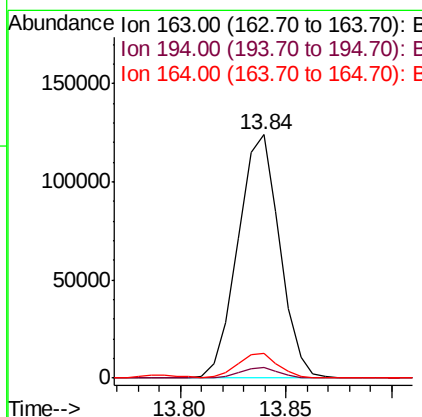
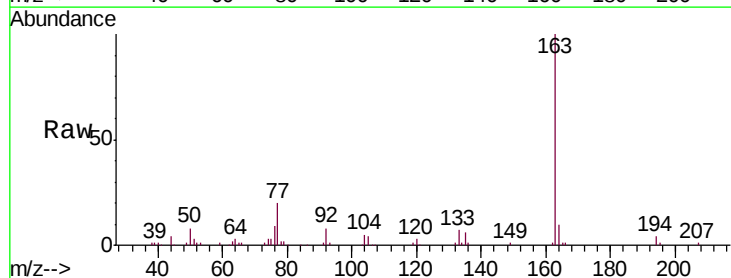
Instrument :
BNA_M
ClientSampleId :
MDL-S-06

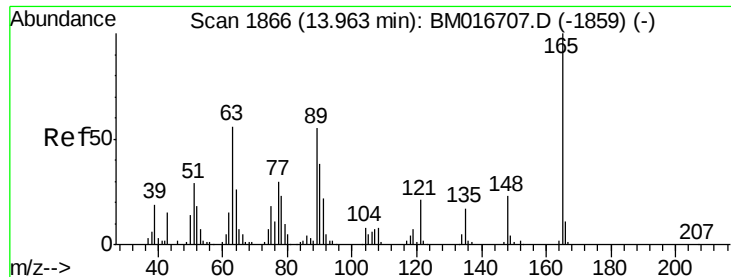
Tgt Ion: 65 Resp: 26854
Ion Ratio Lower Upper
65 100
92 66.6 57.0 85.4
138 100.8 87.2 130.8



#45
Dimethylphthalate
Concen: 4.428 ng/ul
RT: 13.84 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM016731.D
Acq: 11 Sep 2018 20:20

Tgt Ion: 163 Resp: 169863
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 10.0 8.4 12.6

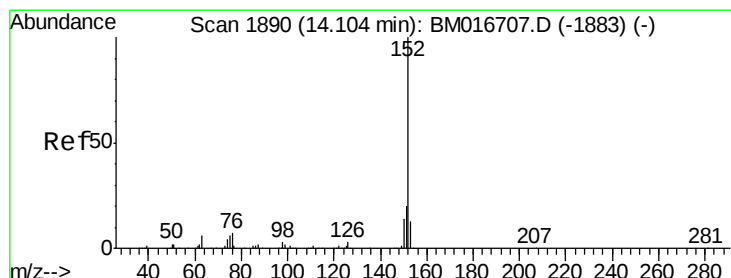
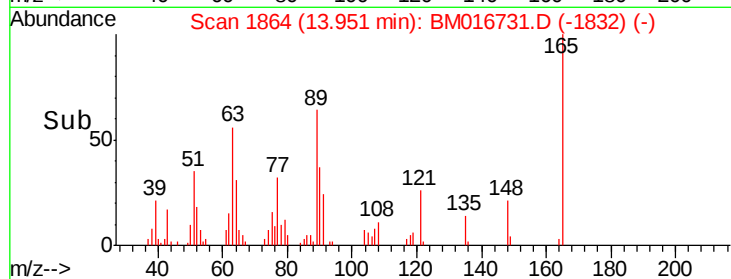
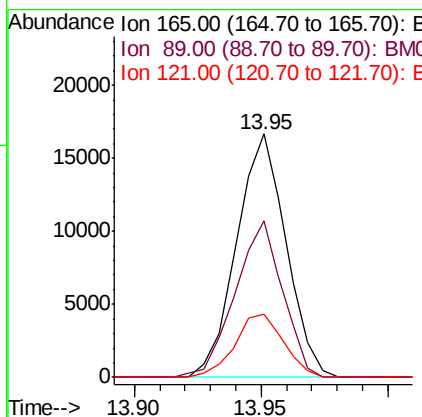
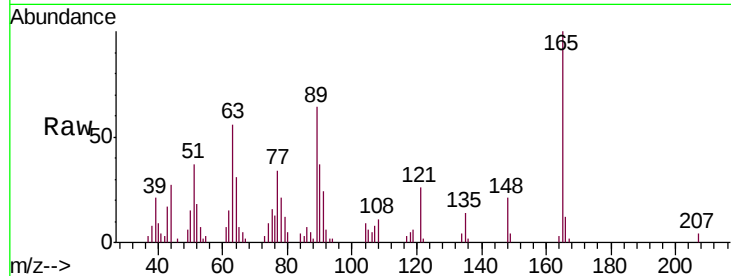




#46
 2,6-Dinitrotoluene
 Concen: 3.837 ng/ul
 RT: 13.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

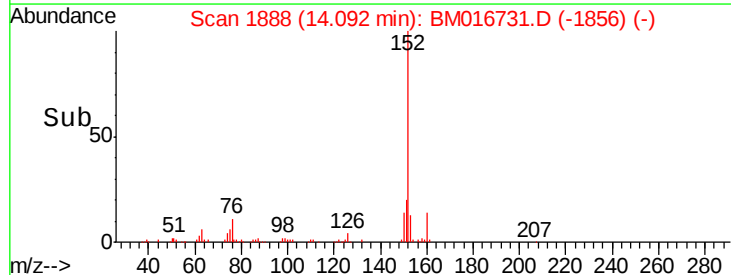
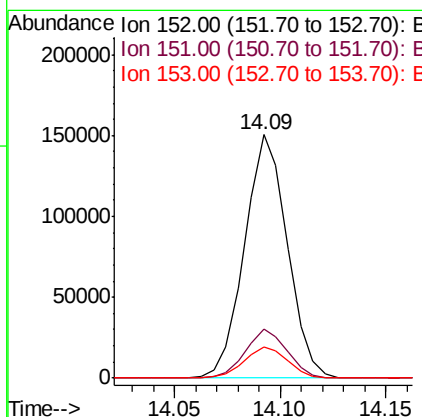
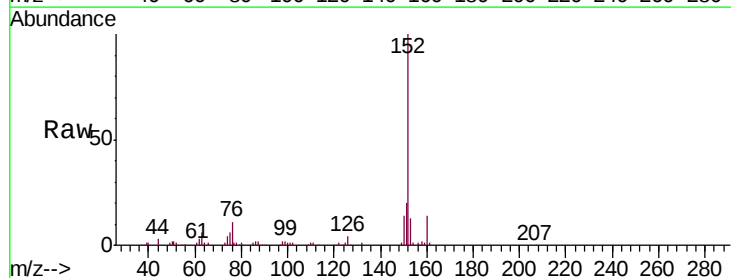
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-06

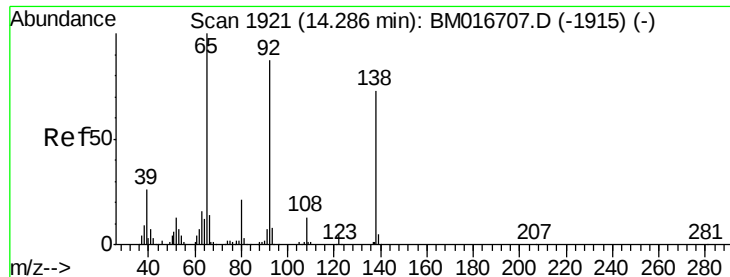
Tgt Ion:165 Resp: 22611
 Ion Ratio Lower Upper
 165 100
 89 64.1 43.8 65.8
 121 26.0 17.8 26.6



#48
 Acenaphthylene
 Concen: 4.410 ng/ul
 RT: 14.09 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

Tgt Ion:152 Resp: 211616
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.1 24.1
 153 12.9 10.8 16.2





#49

3-Nitroaniline

Concen: 3.345 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

Instrument :

BNA_M

ClientSampleId :

MDL-S-06

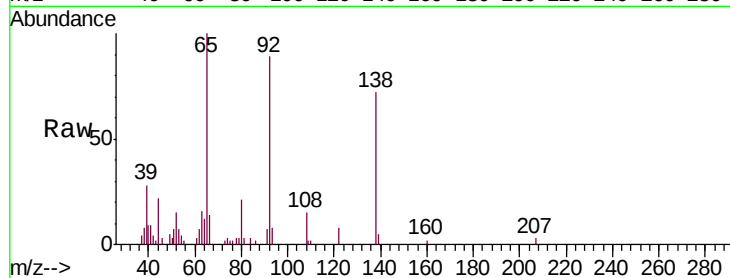
Tgt Ion:138 Resp: 21431

Ion Ratio Lower Upper

138 100

108 20.6 7.6 11.4#

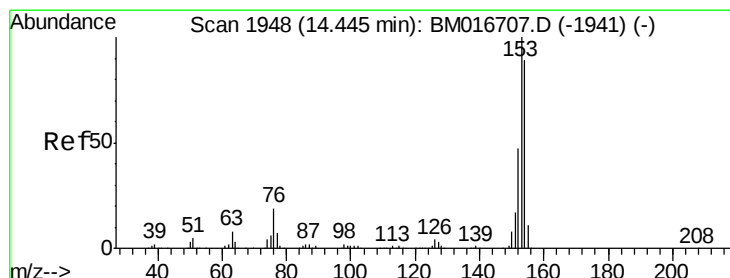
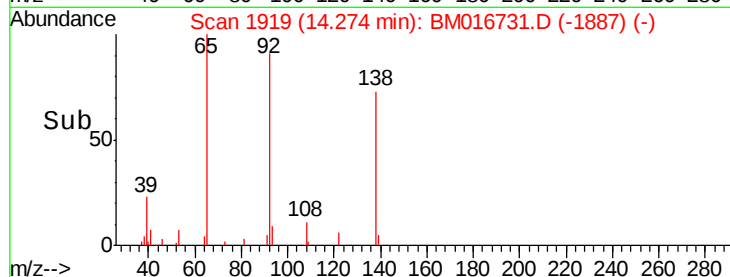
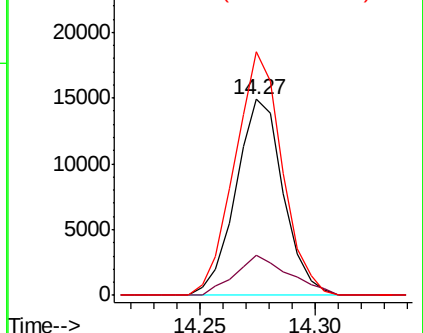
92 124.4 94.2 141.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BMC



#50

Acenaphthene

Concen: 4.383 ng/ul

RT: 14.44 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

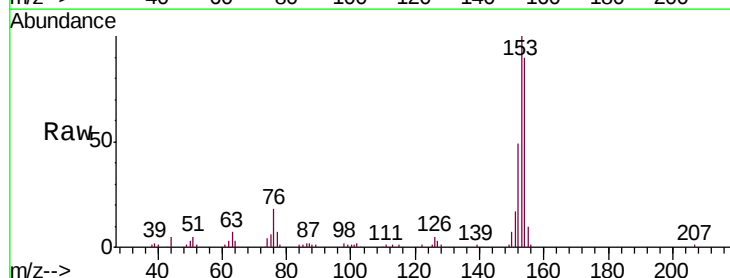
Tgt Ion:153 Resp: 149320

Ion Ratio Lower Upper

153 100

152 48.6 37.9 56.9

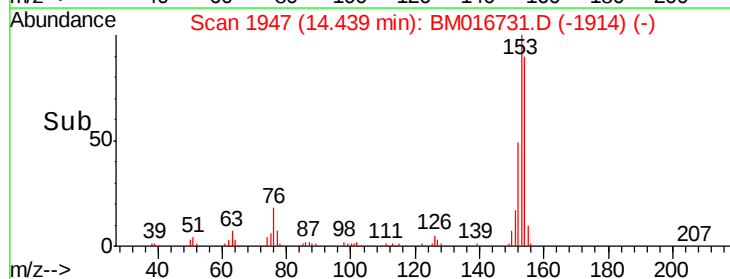
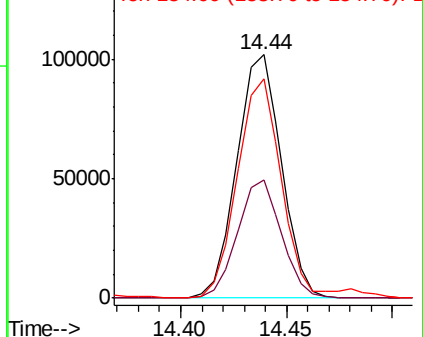
154 90.1 69.8 104.6

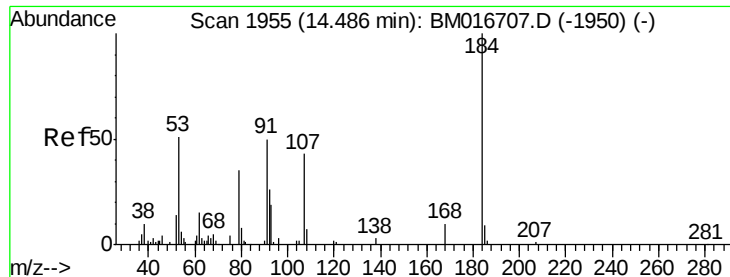


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

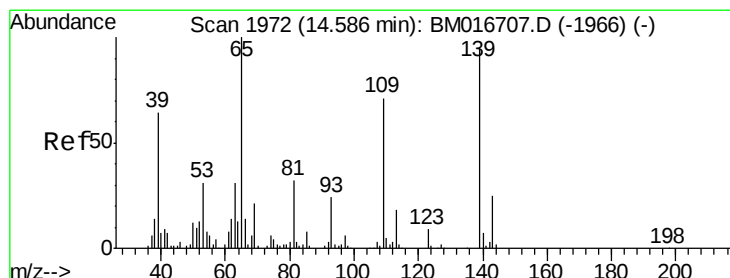
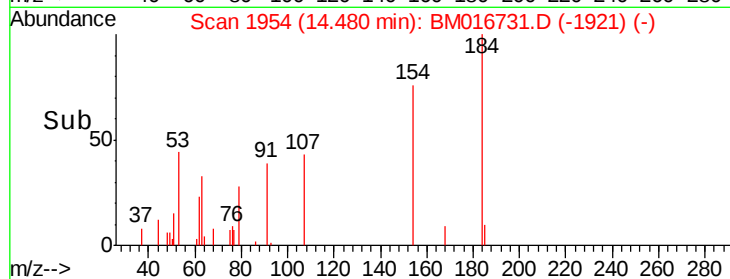
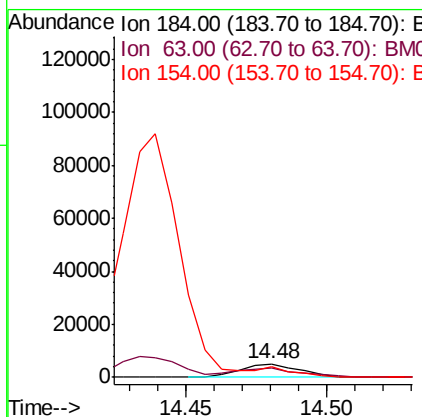
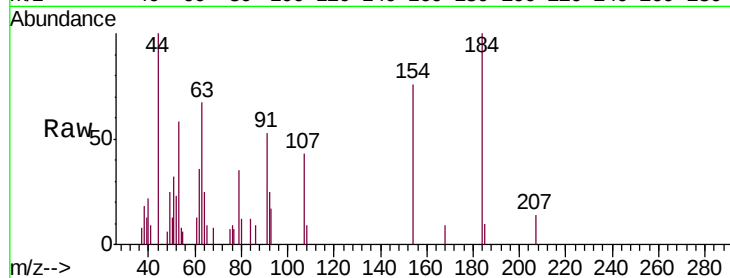




#51
 2,4-Dinitrophenol
 Concen: 2.789 ng/ul
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

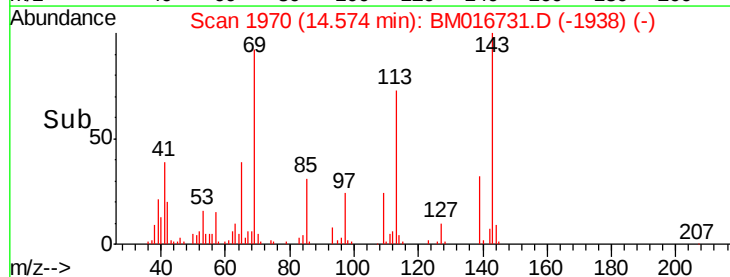
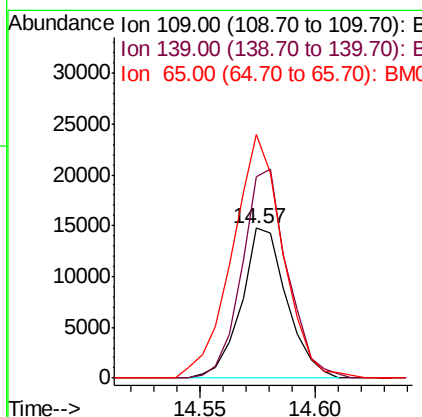
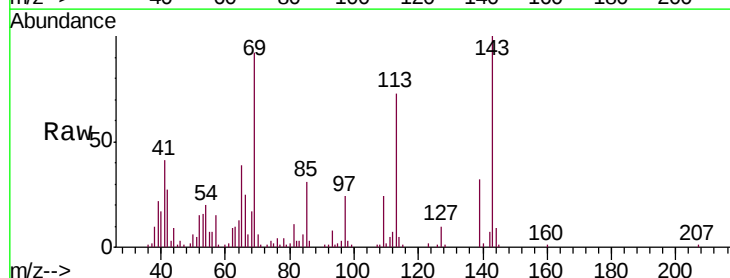
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-06

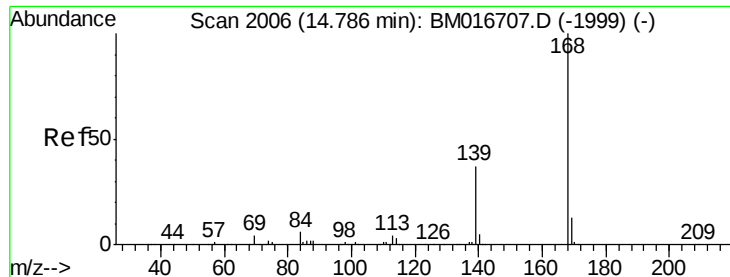
Tgt Ion:184 Resp: 7351
 Ion Ratio Lower Upper
 184 100
 63 66.7 39.7 59.5#
 154 75.8 45.0 67.6#



#53
 4-Nitrophenol
 Concen: 4.072 ng/ul
 RT: 14.57 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

Tgt Ion:109 Resp: 20216
 Ion Ratio Lower Upper
 109 100
 139 134.7 91.2 136.8
 65 162.7 92.6 139.0#





#54

Dibenzofuran

Concen: 4.383 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

Instrument :

BNA_M

ClientSampleId :

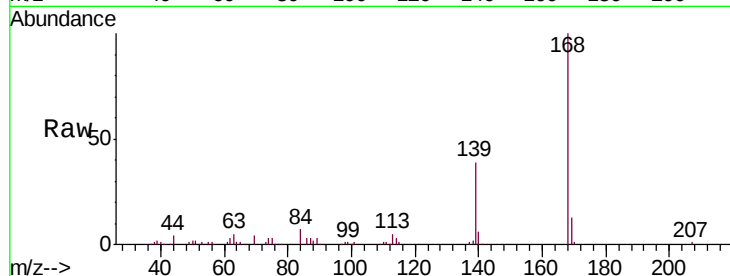
MDL-S-06

Tgt Ion:168 Resp: 204872

Ion Ratio Lower Upper

168 100

139 39.2 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.77

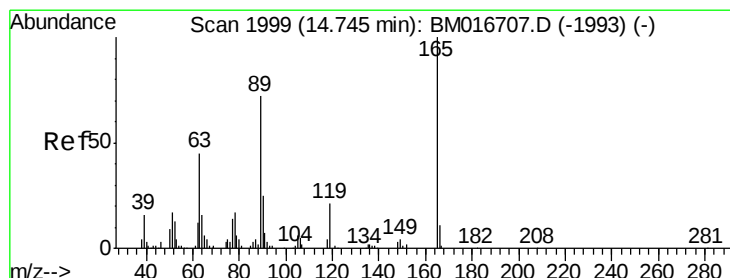
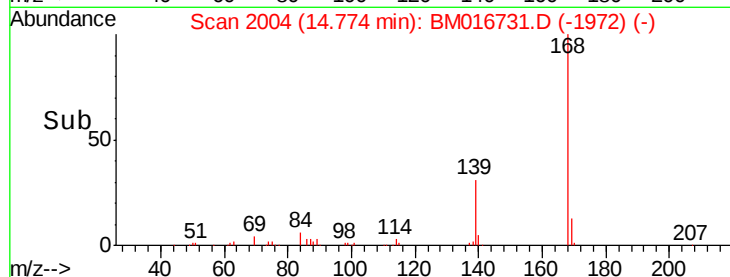
150000

100000

50000

0

Time-->



#55

2,4-Dinitrotoluene

Concen: 3.979 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

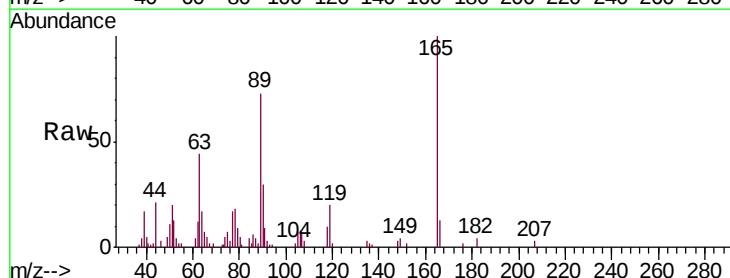
Tgt Ion:165 Resp: 34480

Ion Ratio Lower Upper

165 100

63 44.4 31.4 47.0

182 3.5 2.7 4.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

14.73

30000

25000

20000

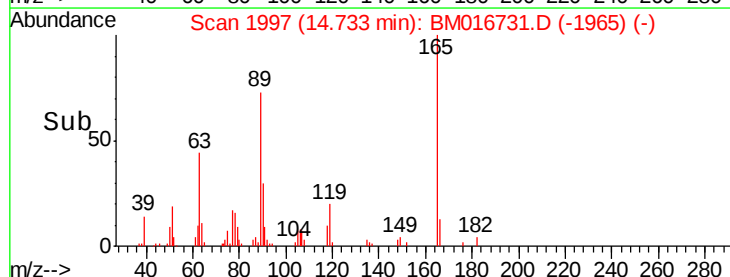
15000

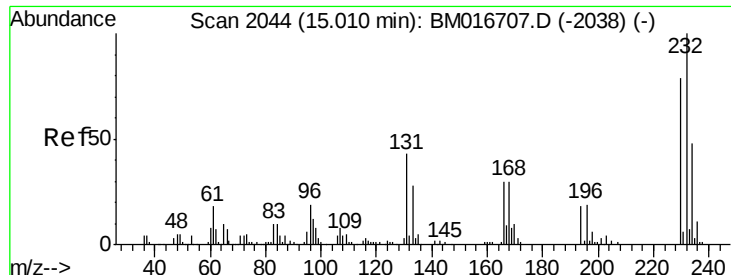
10000

5000

0

Time-->

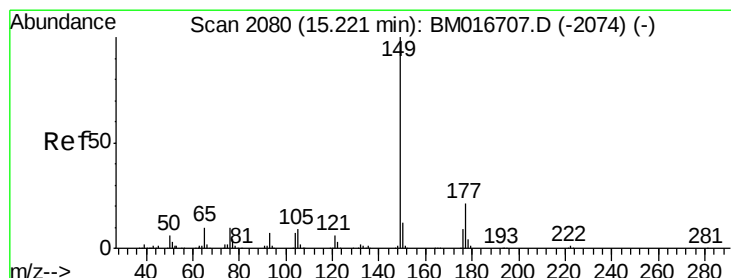
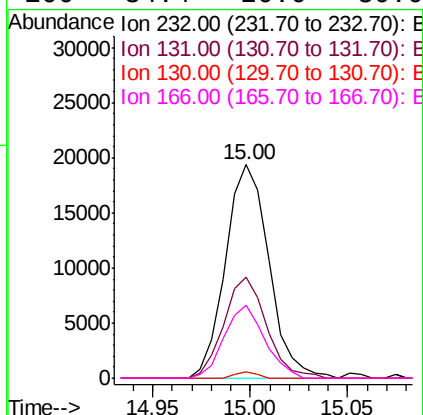
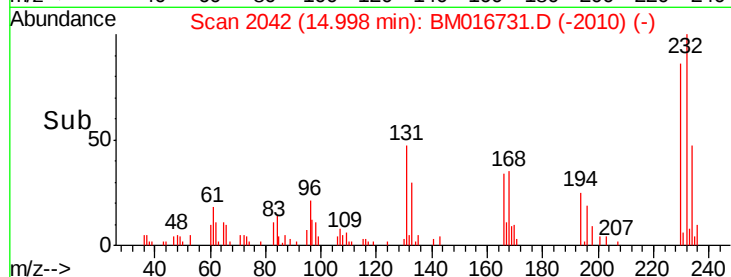
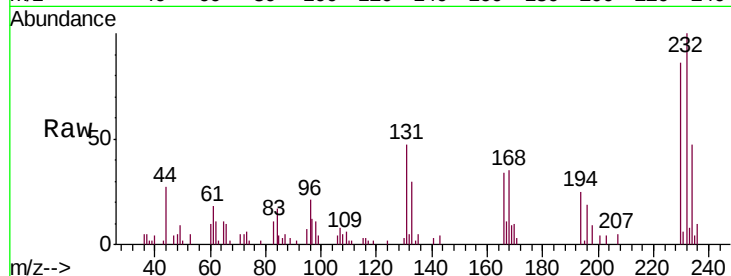




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.551 ng/ul
 RT: 15.00 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

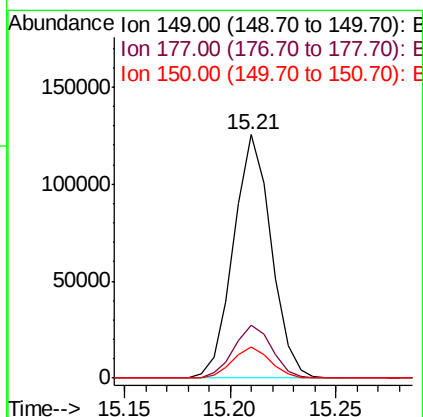
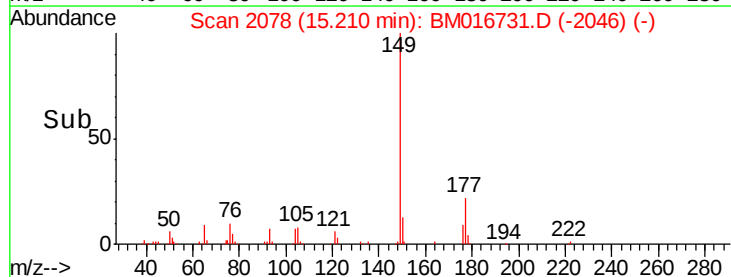
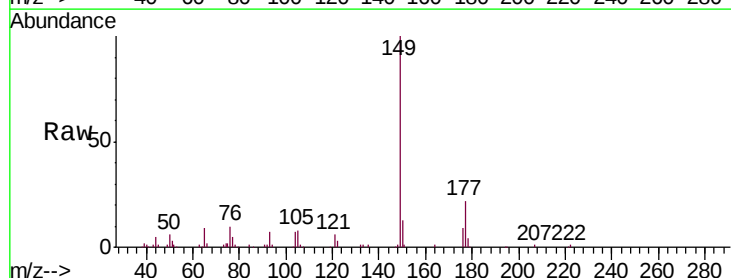
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-06

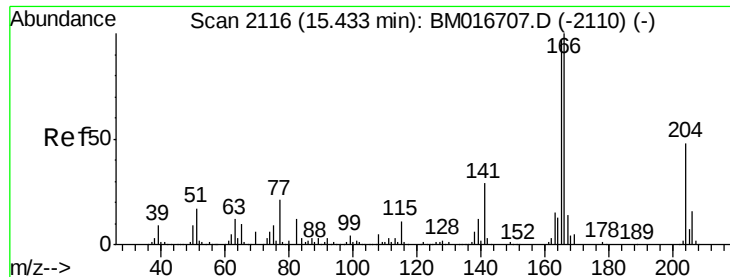
Tgt Ion:	232	Resp:	29966
Ion	Ratio	Lower	Upper
232	100		
131	47.1	27.1	40.7#
130	2.9	0.0	0.0#
166	34.4	20.0	30.0#



#57
 Diethylphthalate
 Concen: 4.099 ng/ul
 RT: 15.21 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

Tgt Ion:	149	Resp:	155776
Ion	Ratio	Lower	Upper
149	100		
177	21.6	19.3	28.9
150	12.9	10.6	15.8





#59

Fluorene

Concen: 4.445 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

Instrument :

BNA_M

ClientSampleId :

MDL-S-06

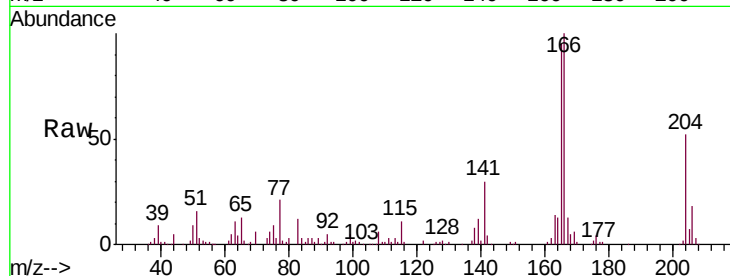
Tgt Ion:166 Resp: 170696

Ion Ratio Lower Upper

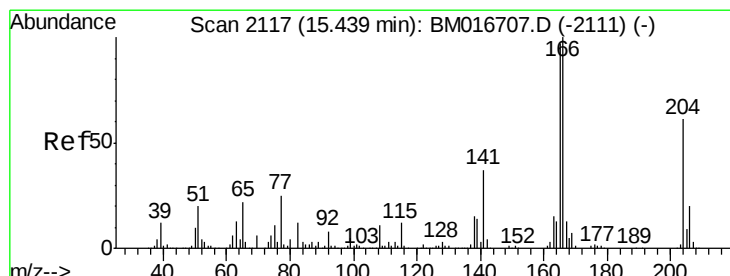
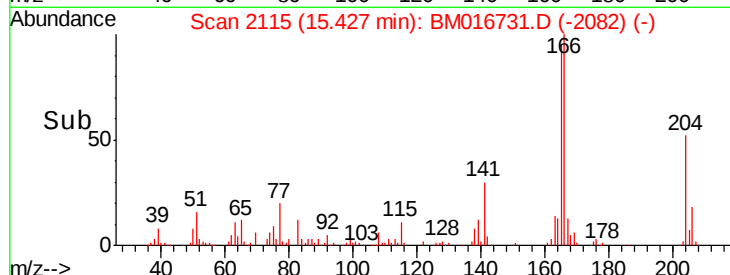
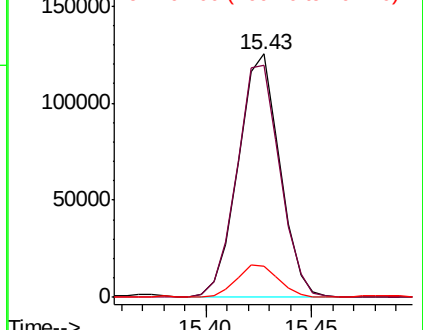
166 100

165 95.5 78.4 117.6

167 13.0 11.1 16.7



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

4-Chlorophenyl-phenylether

Concen: 4.443 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM016731.D

Acq: 11 Sep 2018 20:20

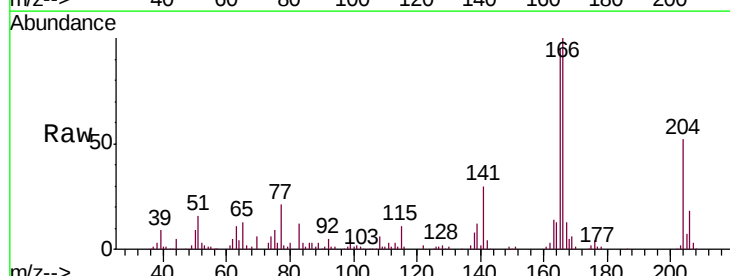
Tgt Ion:204 Resp: 86525

Ion Ratio Lower Upper

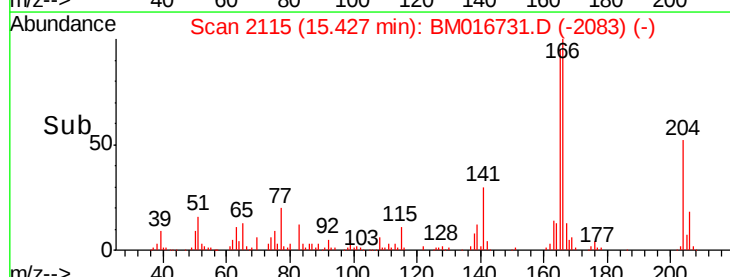
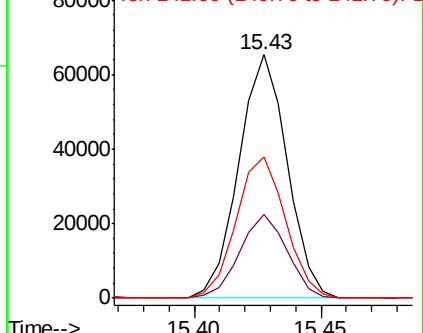
204 100

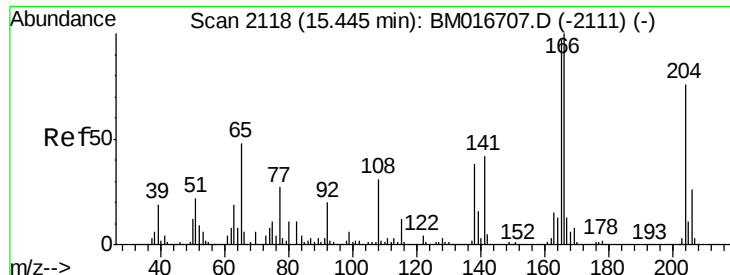
206 34.2 26.6 40.0

141 57.9 40.7 61.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

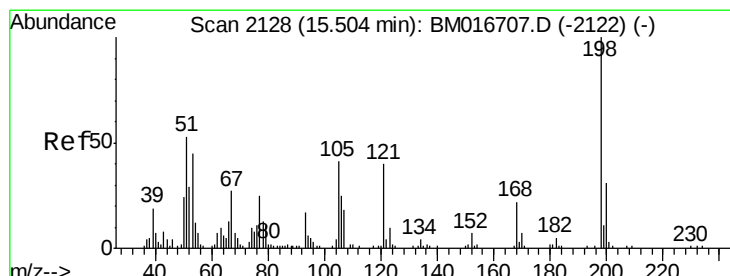
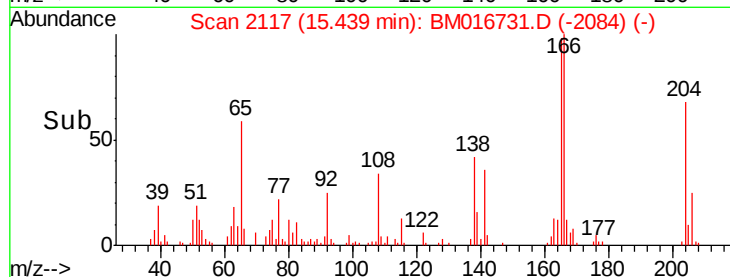
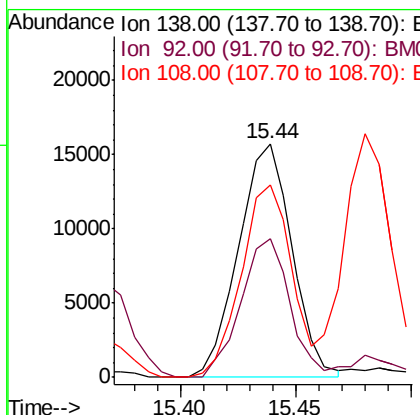
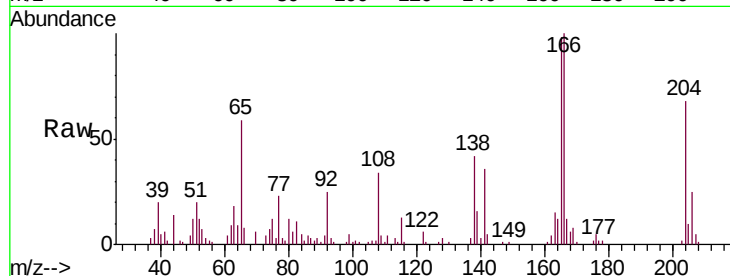




#61
 4-Nitroaniline
 Concen: 3.227 ng/ul
 RT: 15.44 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

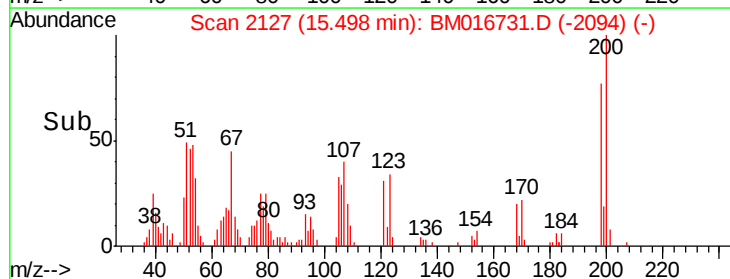
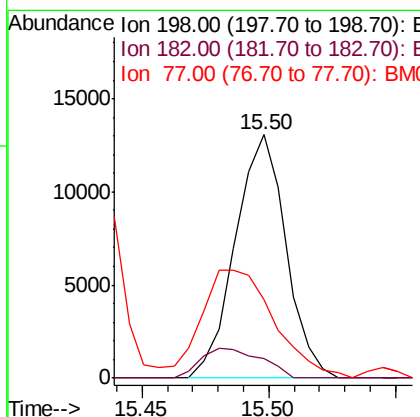
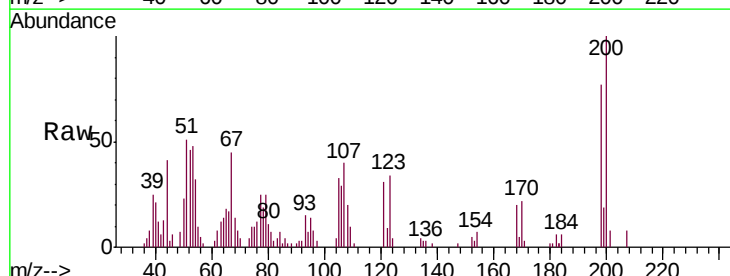
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-06

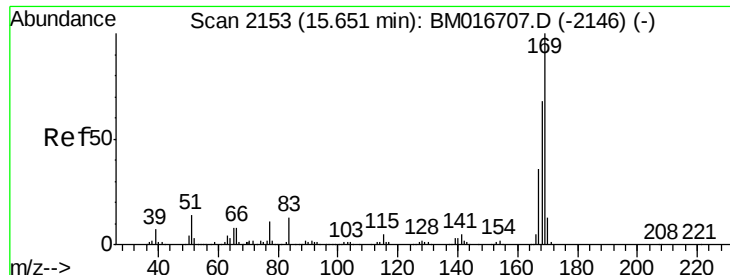
Tgt Ion:138 Resp: 25404
 Ion Ratio Lower Upper
 138 100
 92 59.3 38.2 57.4#
 108 82.3 70.0 105.0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.727 ng/ul
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

Tgt Ion:198 Resp: 18203
 Ion Ratio Lower Upper
 198 100
 182 8.3 3.5 5.3#
 77 32.3 18.2 27.4#



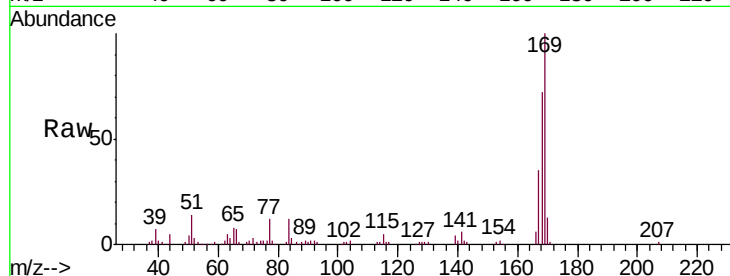


#65

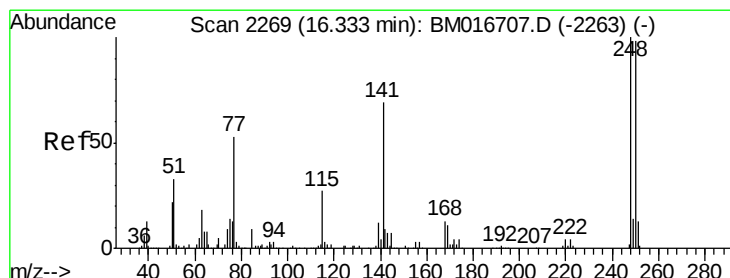
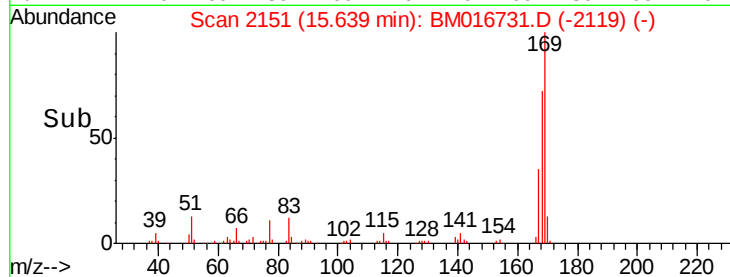
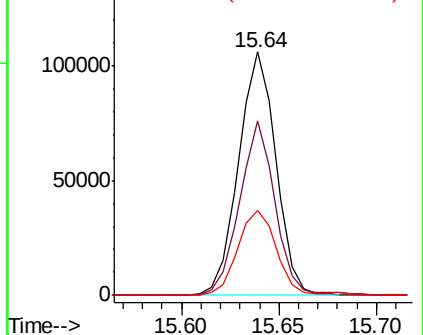
N-Nitrosodiphenylamine
 Concen: 4.275 ng/ul
 RT: 15.64 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-06

Tgt Ion	Resp	Lower	Upper
169	140325		
168	71.6	53.8	80.8
167	34.9	29.5	44.3



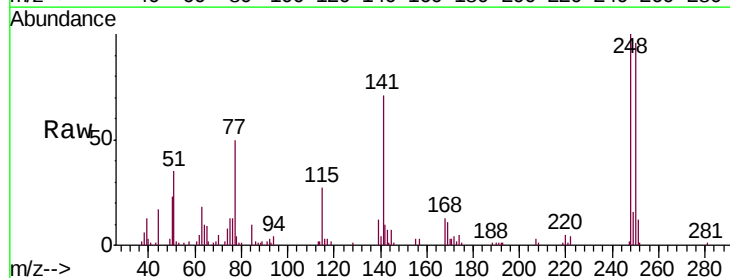
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



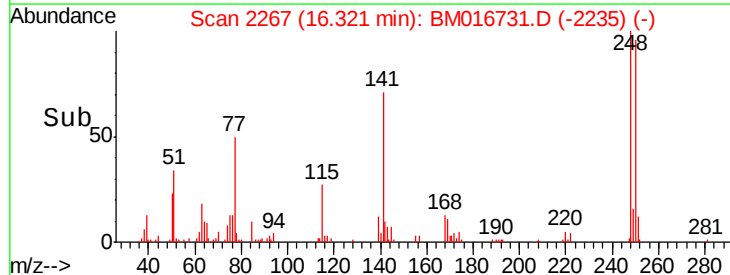
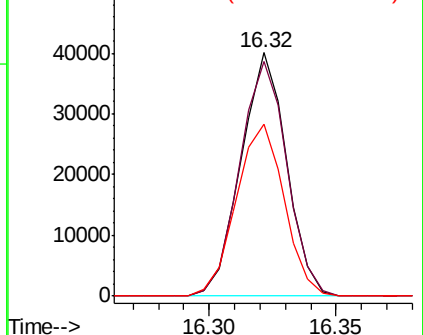
#66

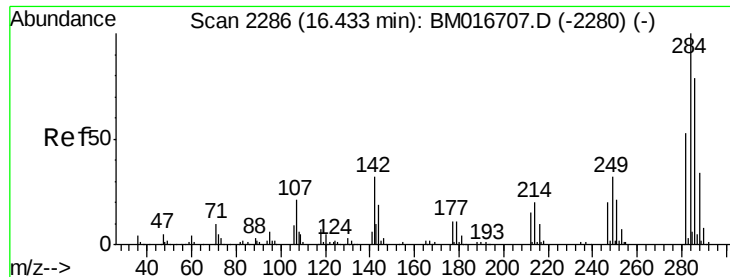
4-Bromophenyl-phenylether
 Concen: 4.193 ng/ul
 RT: 16.32 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BM016731.D
 Acq: 11 Sep 2018 20:20

Tgt Ion	Resp	Lower	Upper
248	50346		
250	96.5	79.0	118.4
141	70.8	51.9	77.9



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

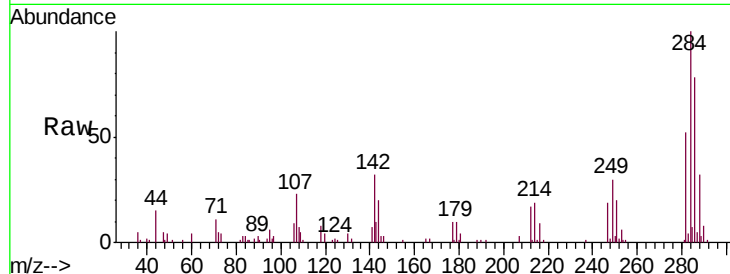




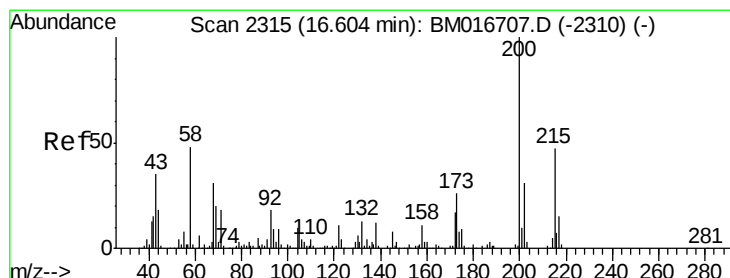
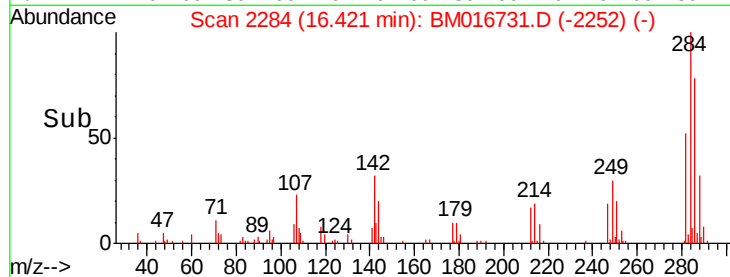
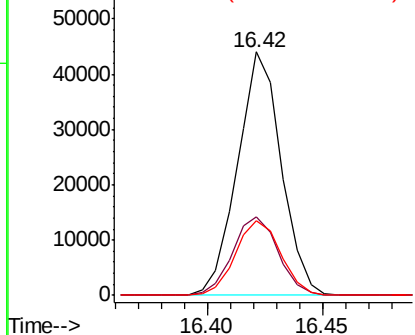
#67
Hexachlorobenzene
Concen: 4.500 ng/ul
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM016731.D
Acq: 11 Sep 2018 20:20

Instrument :
BNA_M
ClientSampleId :
MDL-S-06

Tgt Ion:284 Resp: 58143
Ion Ratio Lower Upper
284 100
142 32.3 21.3 31.9#
249 30.5 26.3 39.5

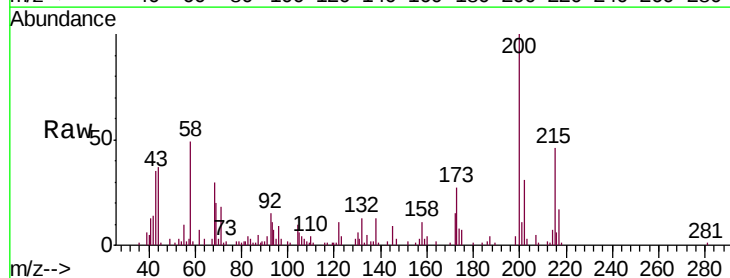


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 3.621 ng/ul
RT: 16.59 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BM016731.D
Acq: 11 Sep 2018 20:20

Tgt Ion:200 Resp: 42012
Ion Ratio Lower Upper
200 100
173 26.7 20.6 31.0
215 46.2 39.8 59.6



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

