

Data File : BM016735.D
Acq On : 11 Sep 2018 22:44
Operator : SJ/JU
Sample : MDL-S-ME-03
Misc : 4ppm/1ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-03

Quant Time: Sep 12 01:15:31 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	210521	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	884533	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	482175	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1062482	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1204570	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	1251620	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	32599	6.62	ng/uL	0.00
5) Phenol-d5	6.90	99	468860	26.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	304247	27.67	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	399502	27.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	375248	27.31	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	174282	29.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	155593	29.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	358505	26.70	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	488385	30.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1084391	28.01	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1386423	27.72	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	161119	25.36	ng/ul	-0.01
58) Fluorene-d10	15.37	176	963659	28.52	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	102175	23.43	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1451412	28.31	ng/ul	0.00
79) Pyrene-d10	19.52	212	1612495	27.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1844685	28.25	ng/ul	-0.01

Target Compounds				Qvalue	
2) 1,4-Dioxane	3.31	88	9438	1.842 ng/uL#	82
4) Benzaldehyde	6.89	77	50891	5.093 ng/ul	93
6) Phenol	6.93	94	73483	4.146 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	57023	4.178 ng/ul	95
10) 2-Chlorophenol	7.30	128	58524	4.021 ng/ul	98
11) 2-Methylphenol	8.17	108	50131	3.774 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	86882	4.026 ng/ul	96
14) Acetophenone	8.55	105	87591	4.113 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	41075	3.854 ng/ul	91
16) 4-Methylphenol	8.49	108	55702	3.967 ng/ul	99
17) Hexachloroethane	8.81	117	23119	4.044 ng/ul#	79
20) Nitrobenzene	8.93	77	63925	4.348 ng/ul#	89
21) Isophorone	9.45	82	106710	3.652 ng/ul	96
23) 2-Nitrophenol	9.63	139	27243	4.466 ng/ul	90
24) 2,4-Dimethylphenol	9.70	107	60283	3.830 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.94	93	73021	4.043 ng/ul	97
27) 2,4-Dichlorophenol	10.16	162	52740	4.088 ng/ul	97
28) Naphthalene	10.56	128	189214	4.160 ng/ul	98
30) 4-Chloroaniline	10.67	127	52361	3.228 ng/ul	97
31) Hexachlorobutadiene	10.85	225	36676	4.212 ng/ul	96
32) Caprolactam	11.45	113	12297	3.014 ng/ul	92
33) 4-Chloro-3-methylphenol	11.80	107	48982	3.623 ng/ul	98
34) 2-Methylnaphthalene	12.18	142	131941	4.117 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	131941	4.117	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	69972	4.225	ng/ul	95
38) Hexachlorocyclopentadiene	12.53	237	37587	3.645	ng/ul	98
39) 2,4,6-Trichlorophenol	12.79	196	32615	3.459	ng/ul	97
40) 2,4,5-Trichlorophenol	12.86	196	38450	3.736	ng/ul	94
41) 1,1'-Biphenyl	13.20	154	165792	4.133	ng/ul	98
42) 2-Chloronaphthalene	13.24	162	131801	4.199	ng/ul	97
43) 2-Nitroaniline	13.45	65	25248	3.651	ng/ul	88
45) Dimethylphthalate	13.83	163	158213	4.181	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	20640	3.552	ng/ul#	87
48) Acenaphthylene	14.09	152	200184	4.230	ng/ul	99
49) 3-Nitroaniline	14.27	138	21376	3.382	ng/ul#	92
50) Acenaphthene	14.43	153	143211	4.262	ng/ul	97
51) 2,4-Dinitrophenol	14.47	184	6900	2.654	ng/ul#	81
53) 4-Nitrophenol	14.57	109	20005	4.086	ng/ul#	64
54) Dibenzofuran	14.77	168	197470	4.283	ng/ul	95
55) 2,4-Dinitrotoluene	14.73	165	32936	3.854	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.00	232	28853	3.466	ng/ul#	86
57) Diethylphthalate	15.21	149	149762	3.995	ng/ul	97
59) Fluorene	15.42	166	160673	4.242	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.43	204	82263	4.283	ng/ul	92
61) 4-Nitroaniline	15.44	138	24656	3.176	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.49	198	17372	3.552	ng/ul#	69
65) N-Nitrosodiphenylamine	15.64	169	133634	4.066	ng/ul	97
66) 4-Bromophenyl-phenylether	16.32	248	48421	4.028	ng/ul	97
67) Hexachlorobenzene	16.42	284	54711	4.229	ng/ul#	92
68) Atrazine	16.59	200	39945	3.439	ng/ul	95
69) Pentachlorophenol	16.77	266	20618	2.947	ng/ul	94
70) Phenanthrene	17.16	178	254285	4.309	ng/ul	99
72) Anthracene	17.25	178	258540	4.267	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	73676	4.190	ng/uL	96
74) Pentachlorobenzene	14.69	250	67807	4.275	ng/uL	97
75) Carbazole	17.52	167	209033	3.925	ng/ul	98
76) Di-n-butylphthalate	18.10	149	207413	3.347	ng/ul	99
77) Fluoranthene	19.18	202	279128	4.126	ng/ul#	91
80) Pyrene	19.54	202	308746	4.174	ng/ul#	90
81) Butylbenzylphthalate	20.46	149	80292	2.935	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.23	252	70078	2.937	ng/ul	98
83) Benzo(a)anthracene	21.29	228	302060	4.051	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	124737	2.902	ng/ul	97
85) Chrysene	21.34	228	297896	4.284	ng/ul	96
87) Di-n-octyl phthalate	22.13	149	194307	2.584	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	292873	3.909	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	303727	4.222	ng/ul#	96
91) Benzo(a)pyrene	23.45	252	299940	4.200	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.80	276	332482	3.903	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.81	278	282308	3.962	ng/ul#	95
94) Benzo(g,h,i)perylene	26.49	276	278143	3.938	ng/ul#	93

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

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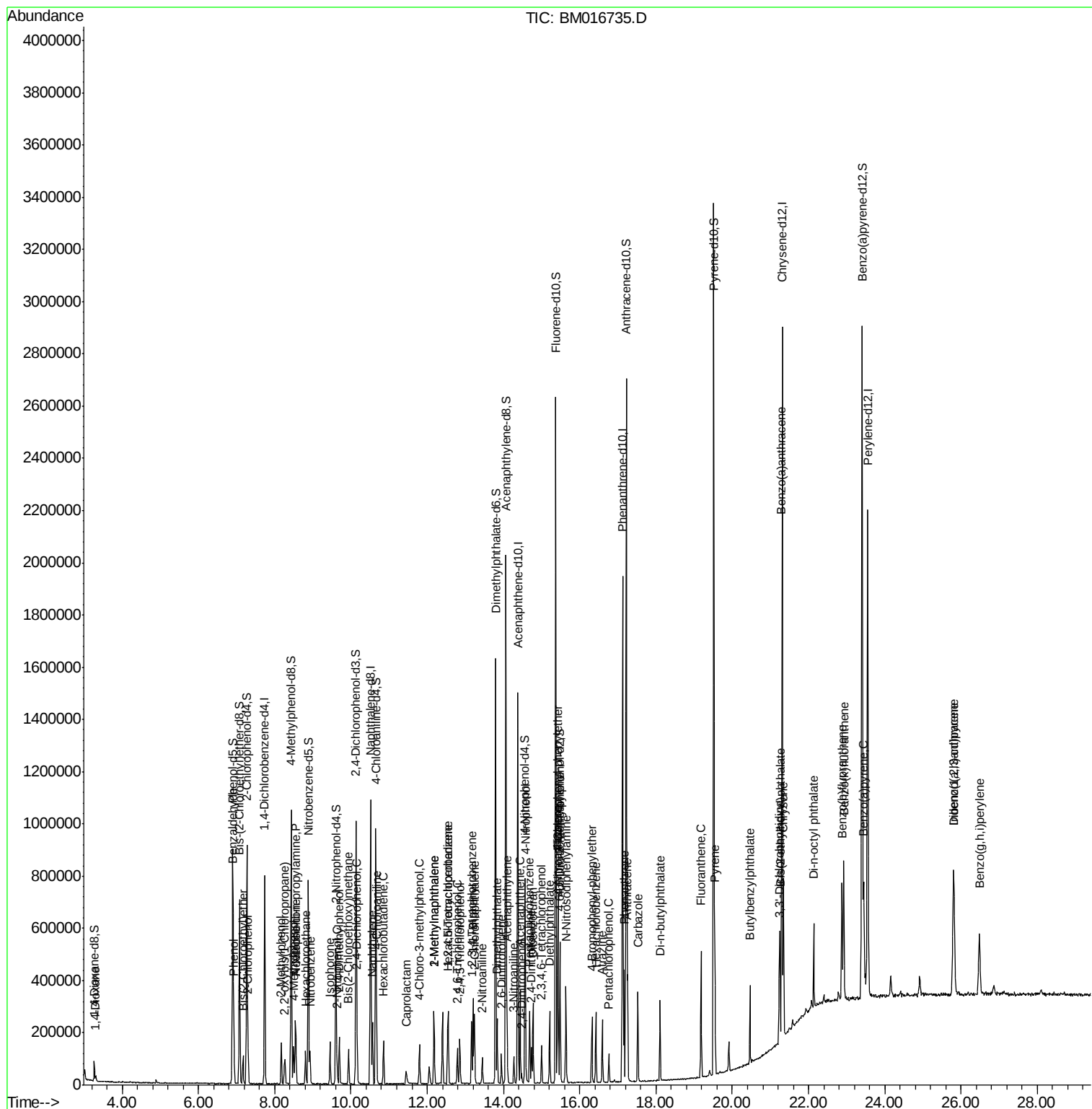
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

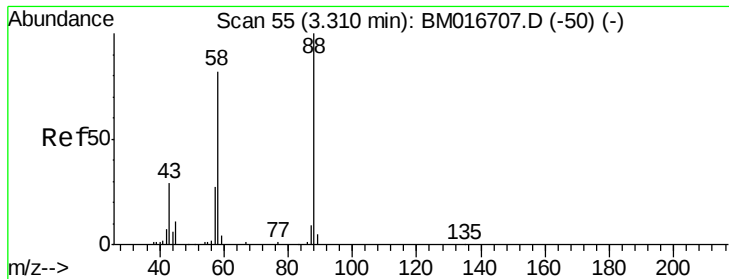
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Time: Sep 12 01:15:31 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: 1.842 ng/uL

RT: 3.31 min Scan# 55

Delta R.T. 0.00 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-03

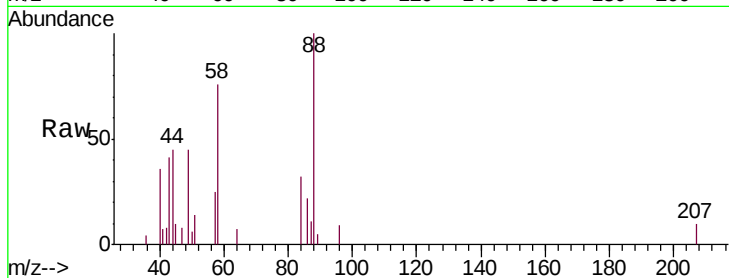
Tgt Ion: 88 Resp: 9438

Ion Ratio Lower Upper

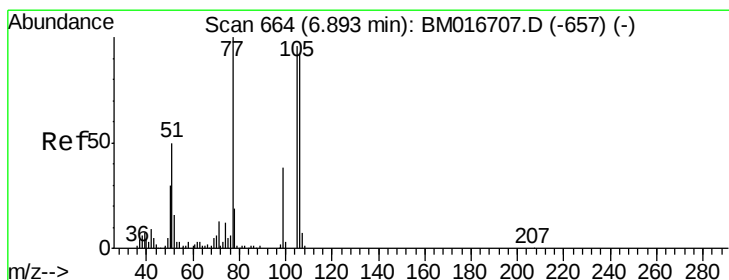
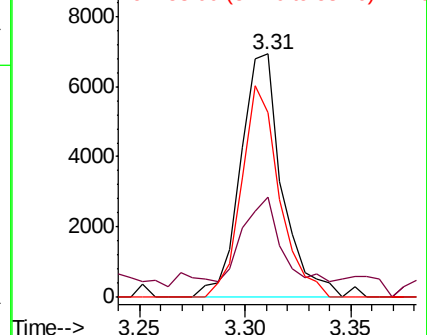
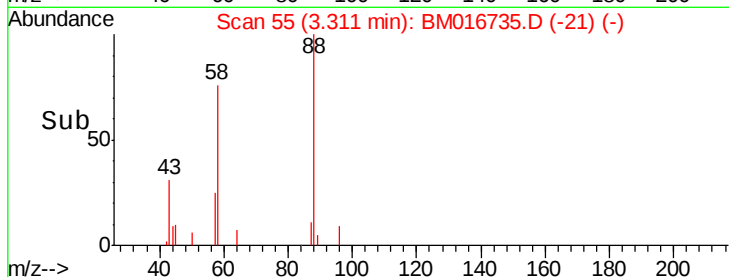
88 100

43 41.1 29.0 43.4

58 75.7 45.9 68.9#



Abundance Ion 88.00 (87.70 to 88.70): BM016735.D (-21) (-)



#4

Benzaldehyde

Concen: 5.093 ng/uL

RT: 6.89 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

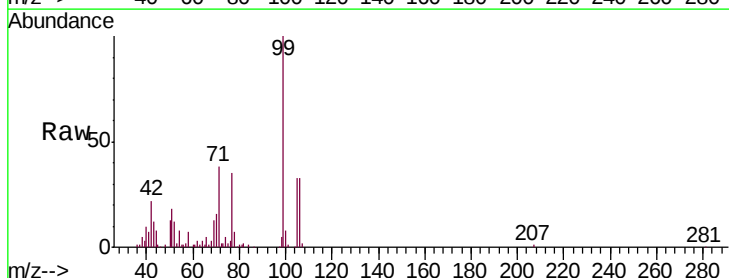
Tgt Ion: 77 Resp: 50891

Ion Ratio Lower Upper

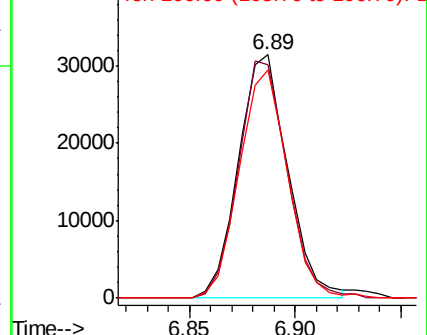
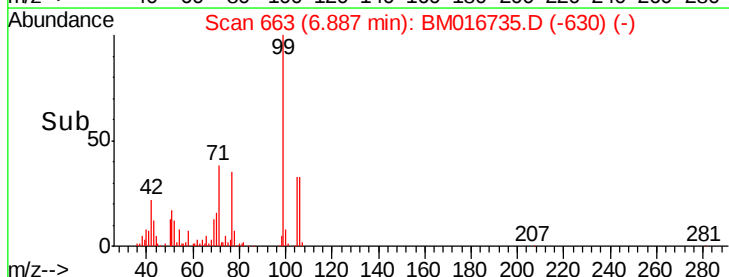
77 100

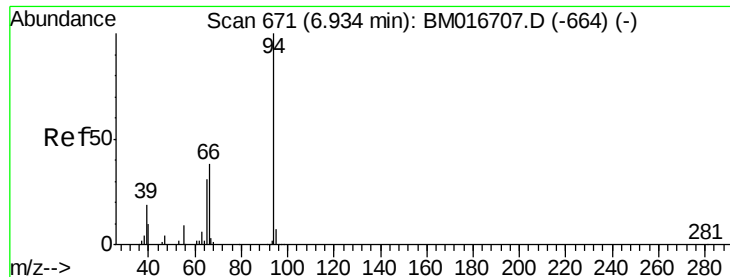
105 96.0 71.0 106.6

106 93.6 69.5 104.3



Abundance Ion 77.00 (76.70 to 77.70): BM016735.D (-630) (-)





#6

Phenol

Concen: 4.146 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-03

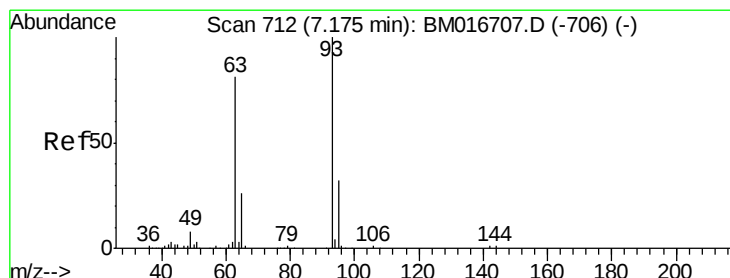
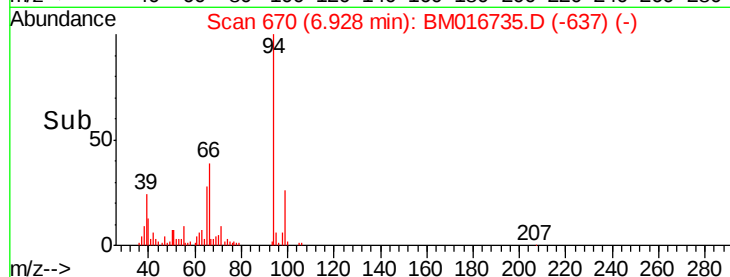
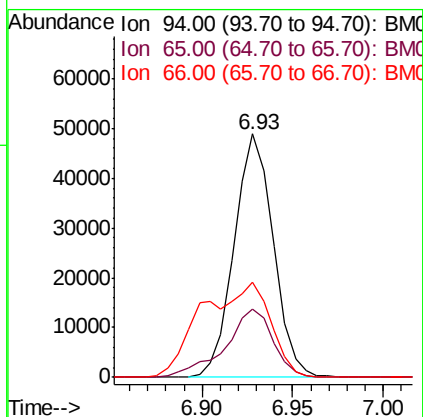
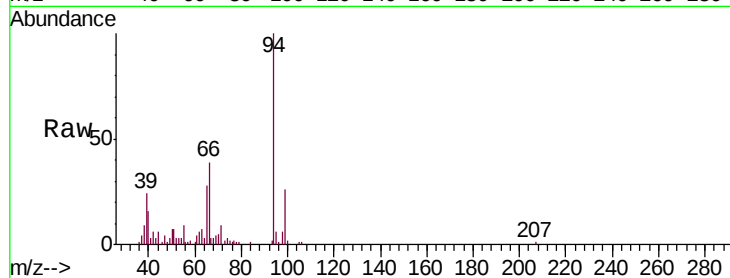
Tgt Ion: 94 Resp: 73483

Ion Ratio Lower Upper

94 100

65 28.1 23.0 34.6

66 39.2 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 4.178 ng/ul

RT: 7.17 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

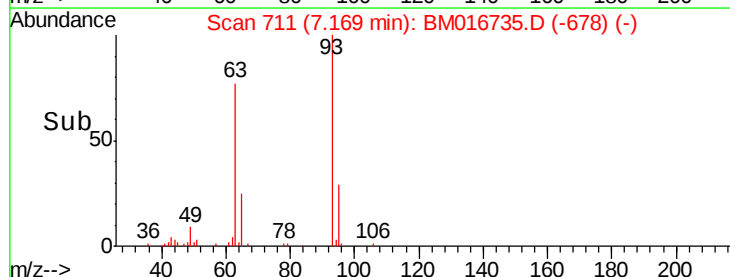
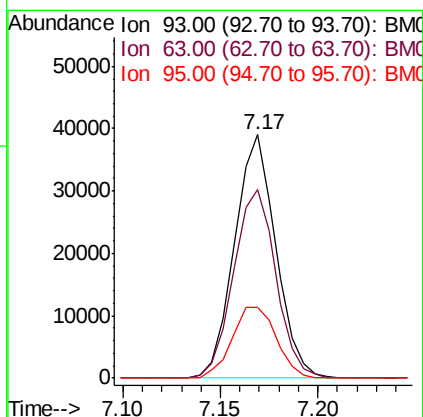
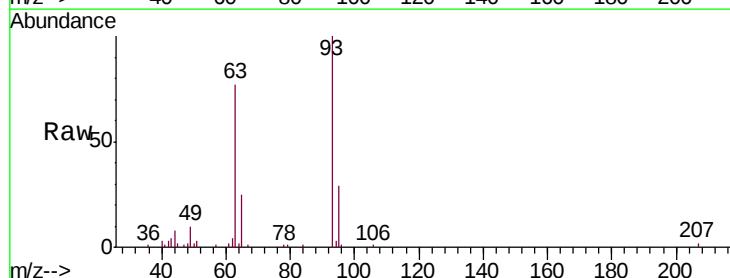
Tgt Ion: 93 Resp: 57023

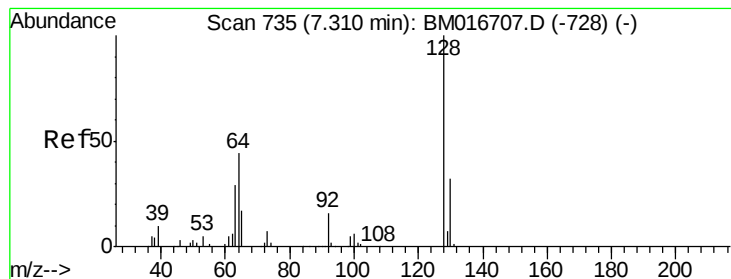
Ion Ratio Lower Upper

93 100

63 77.3 59.4 89.2

95 29.2 26.4 39.6





#10

2-Chlorophenol

Concen: 4.021 ng/ul

RT: 7.30 min Scan# 733

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-03

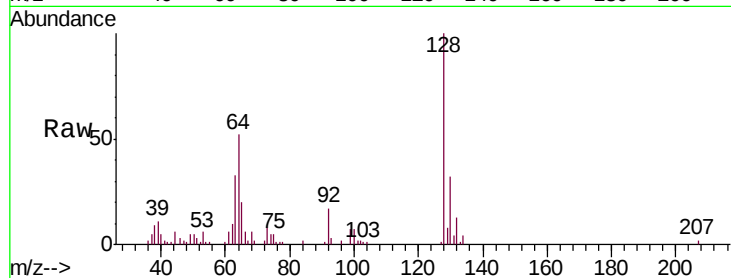
Tgt Ion:128 Resp: 58524

Ion Ratio Lower Upper

128 100

64 52.0 39.8 59.6

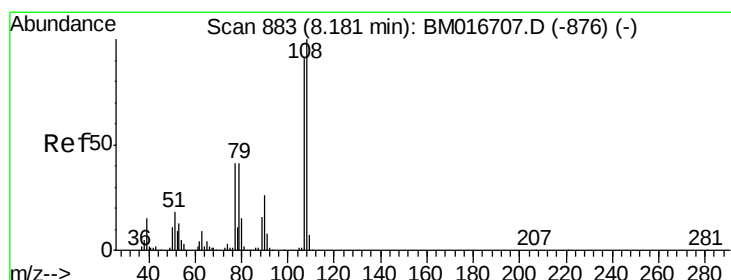
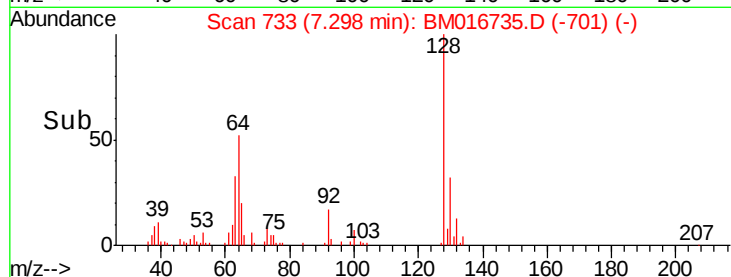
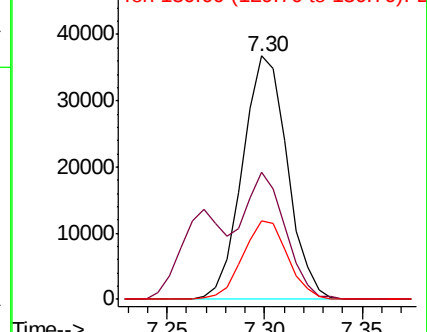
130 32.3 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.774 ng/ul

RT: 8.17 min Scan# 881

Delta R.T. -0.01 min

Lab File: BM016735.D

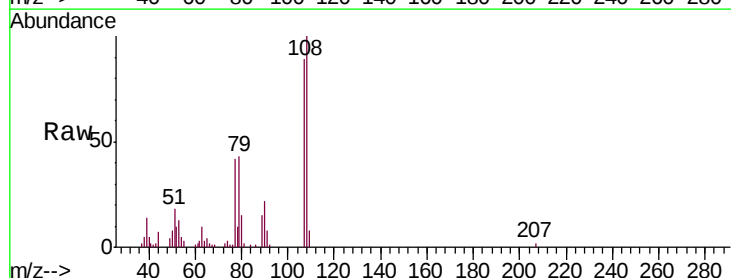
Acq: 11 Sep 2018 22:44

Tgt Ion:108 Resp: 50131

Ion Ratio Lower Upper

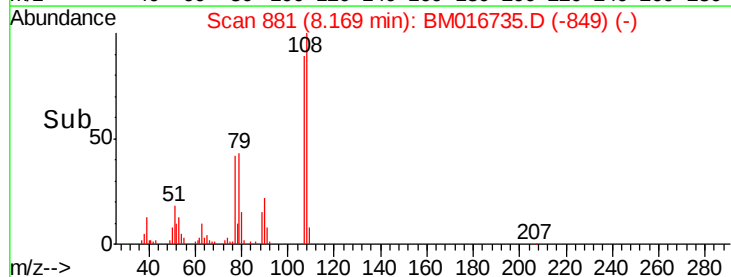
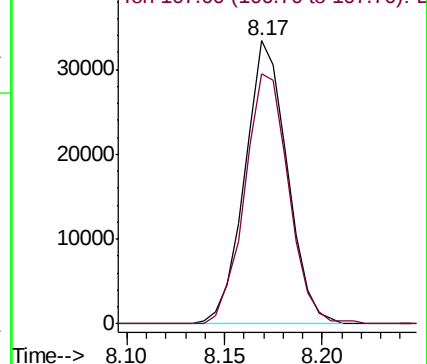
108 100

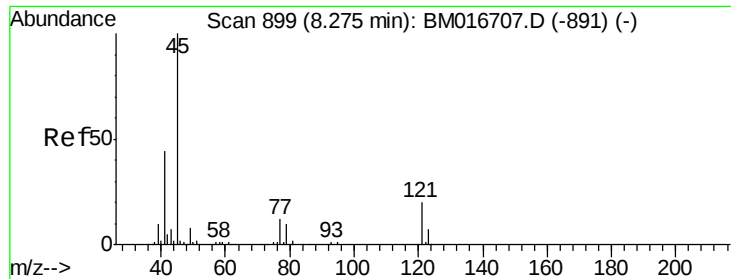
107 88.6 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

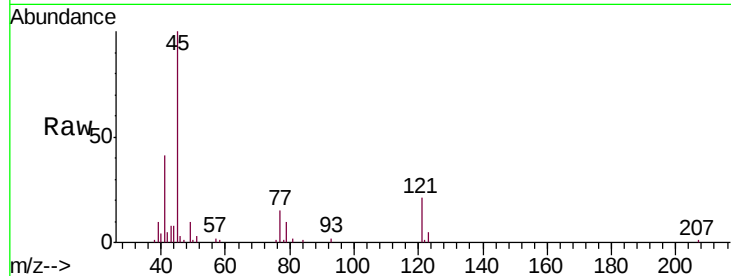




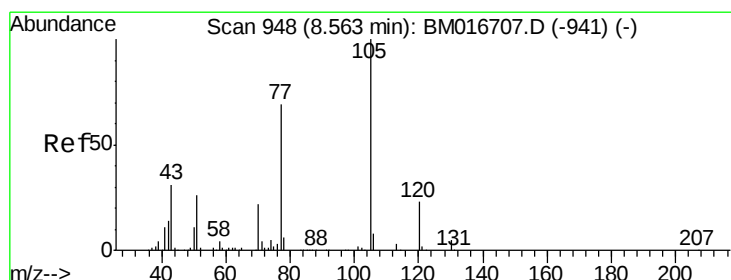
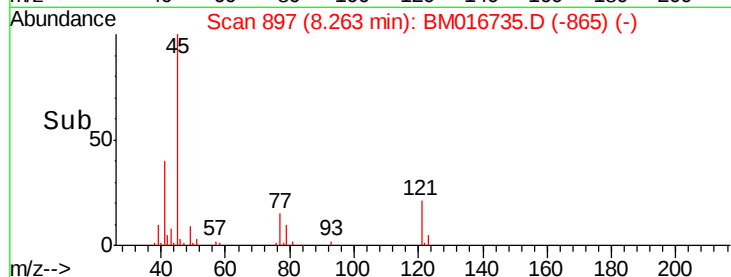
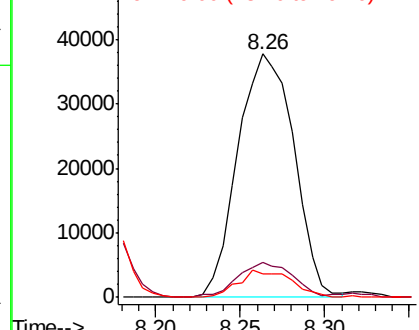
#12
2,2'-oxybis(1-Chloropropane)
Concen: 4.026 ng/ul
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

Instrument :
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ClientSampleId :
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Tgt Ion: 45 Resp: 86882
Ion Ratio Lower Upper
45 100
77 14.6 12.5 18.7
79 9.5 9.4 14.2

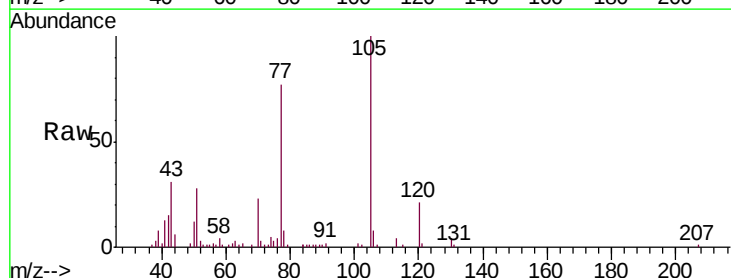


Abundance Ion 45.00 (44.70 to 45.70): BM016707.D (-891) (-)
Ion 77.00 (76.70 to 77.70): BM016707.D (-891) (-)
Ion 79.00 (78.70 to 79.70): BM016707.D (-891) (-)

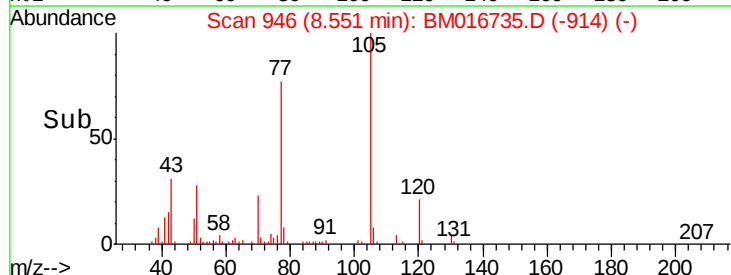
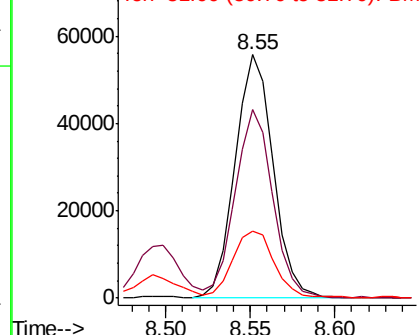


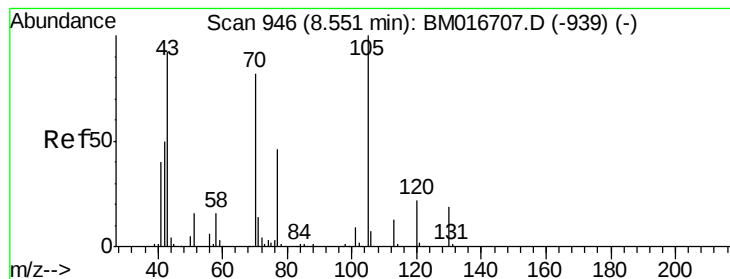
#14
Acetophenone
Concen: 4.113 ng/ul
RT: 8.55 min Scan# 946
Delta R.T. -0.01 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

Tgt Ion: 105 Resp: 87591
Ion Ratio Lower Upper
105 100
77 77.4 63.2 94.8
51 27.5 19.8 29.8



Abundance Ion 105.00 (104.70 to 105.70): BM016707.D (-941) (-)
Ion 77.00 (76.70 to 77.70): BM016707.D (-941) (-)
Ion 51.00 (50.70 to 51.70): BM016707.D (-941) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 3.854 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-03

Tgt Ion: 70 Resp: 41075

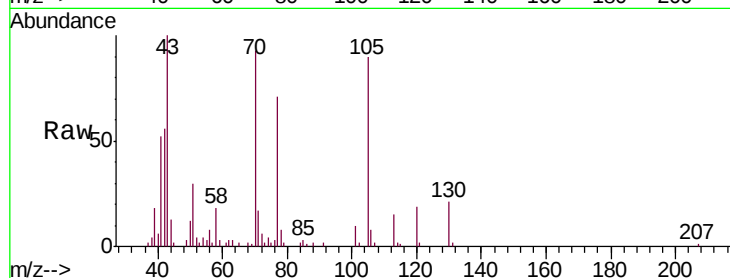
Ion Ratio Lower Upper

70 100

42 60.0 40.2 60.4

101 10.5 7.7 11.5

130 22.1 17.8 26.6



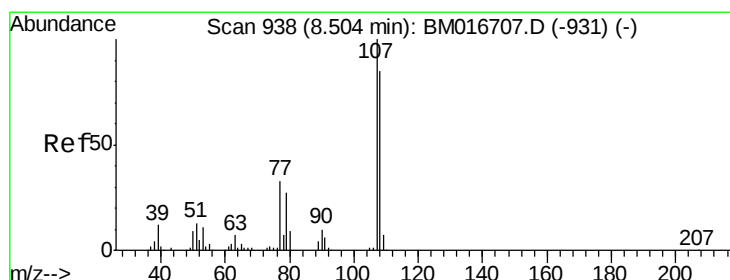
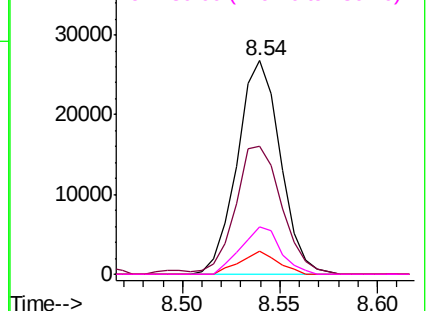
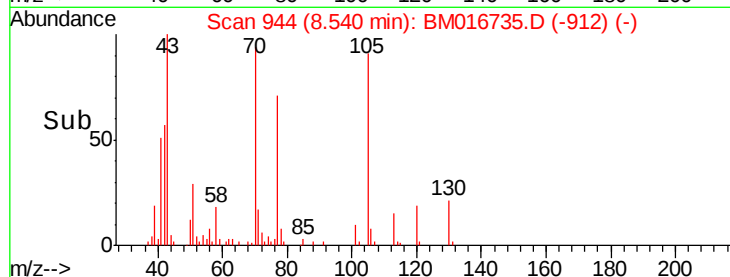
Abundance

Ion 70.00 (69.70 to 70.70): BM016735.D (-912) (-)

Ion 42.00 (41.70 to 42.70): BM016735.D (-912) (-)

Ion 101.00 (100.70 to 101.70): BM016735.D (-912) (-)

Ion 130.00 (129.70 to 130.70): BM016735.D (-912) (-)



#16

4-Methylphenol

Concen: 3.967 ng/ul

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM016735.D

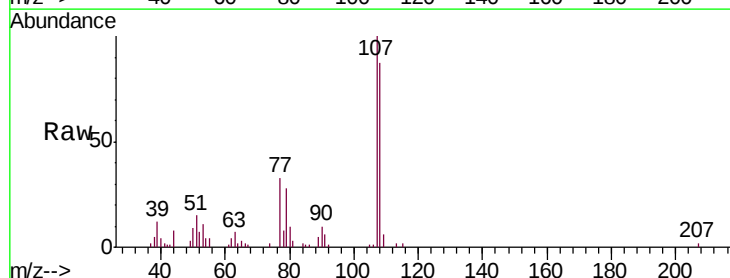
Acq: 11 Sep 2018 22:44

Tgt Ion: 108 Resp: 55702

Ion Ratio Lower Upper

108 100

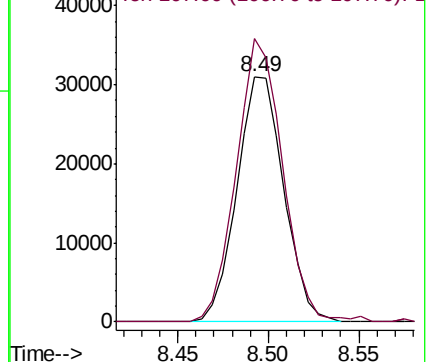
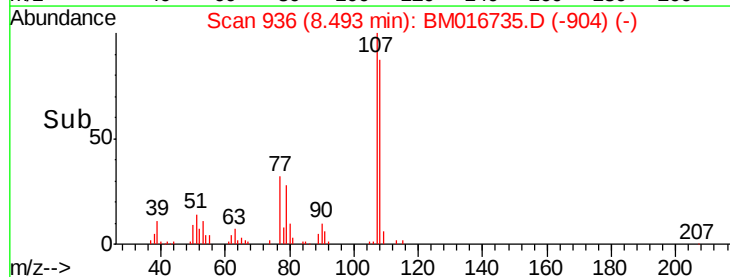
107 115.5 93.6 140.4

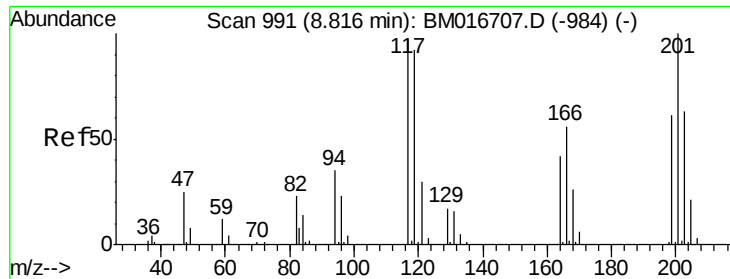


Abundance

Ion 108.00 (107.70 to 108.70): BM016735.D (-904) (-)

Ion 107.00 (106.70 to 107.70): BM016735.D (-904) (-)

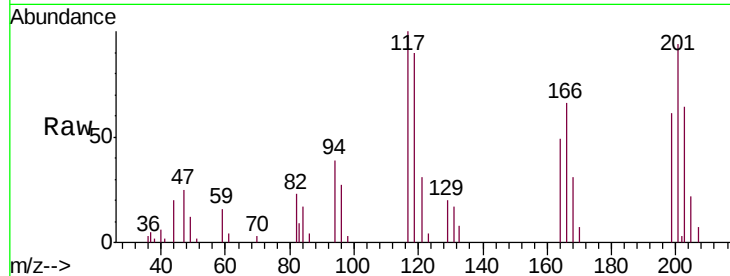




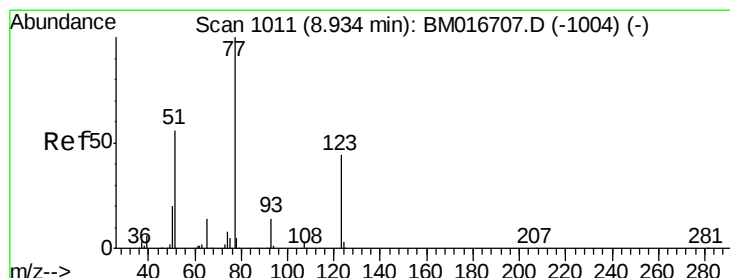
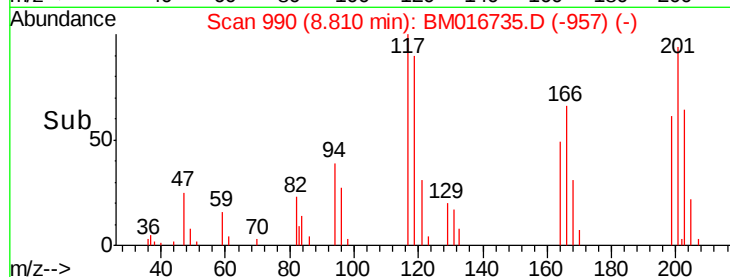
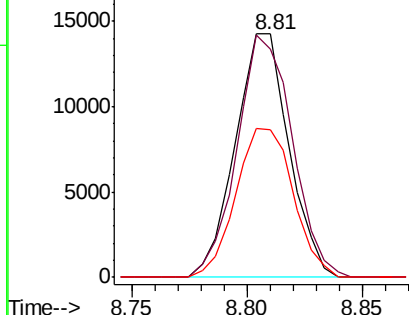
#17
Hexachloroethane
Concen: 4.044 ng/ul
RT: 8.81 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-03

Tgt Ion: 117 Resp: 23119
Ion Ratio Lower Upper
117 100
201 93.8 96.1 144.1#
199 60.8 59.7 89.5

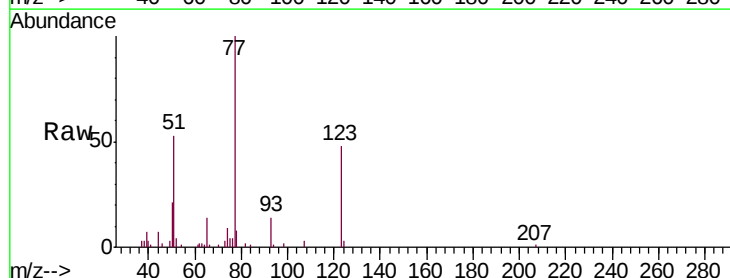


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

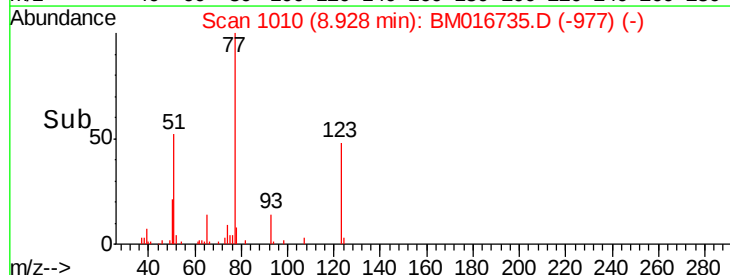
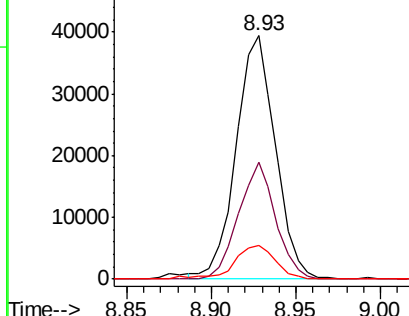


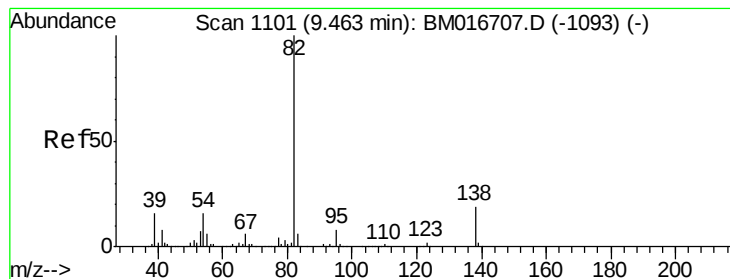
#20
Nitrobenzene
Concen: 4.348 ng/ul
RT: 8.93 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

Tgt Ion: 77 Resp: 63925
Ion Ratio Lower Upper
77 100
123 48.2 31.8 47.8#
65 13.8 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: 3.652 ng/ul

RT: 9.45 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-03

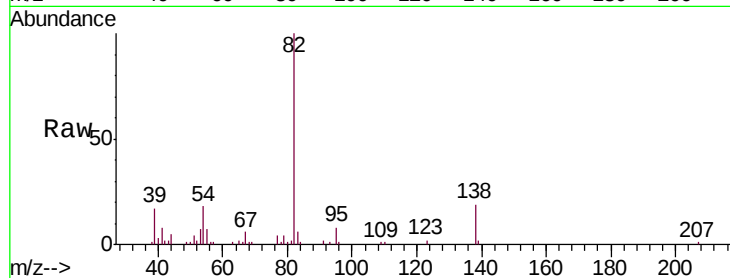
Tgt Ion: 82 Resp: 106710

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

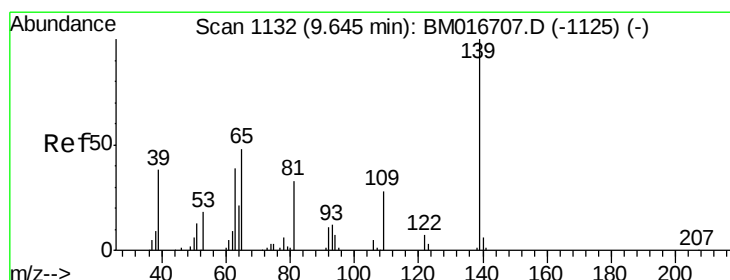
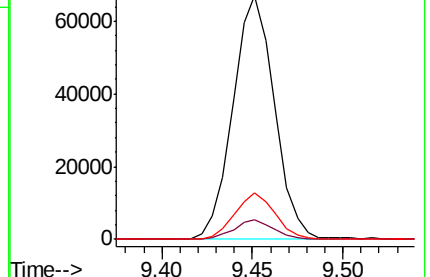
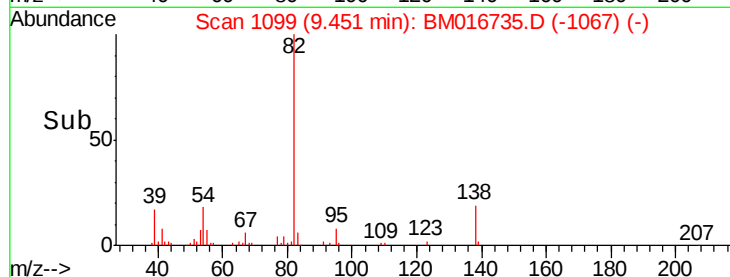
138 19.1 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BM016707.D (-1093) (-)

Ion 95.00 (94.70 to 95.70): BM016707.D (-1093) (-)

Ion 138.00 (137.70 to 138.70): BM016707.D (-1093) (-)



#23

2-Nitrophenol

Concen: 4.466 ng/ul

RT: 9.63 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

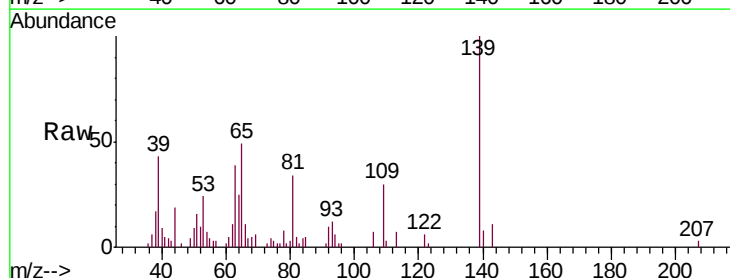
Tgt Ion: 139 Resp: 27243

Ion Ratio Lower Upper

139 100

65 48.9 45.3 67.9

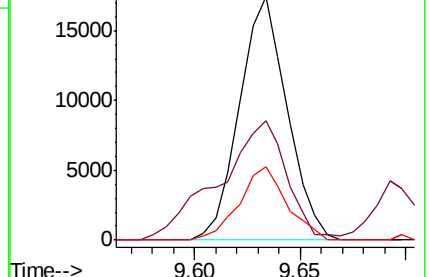
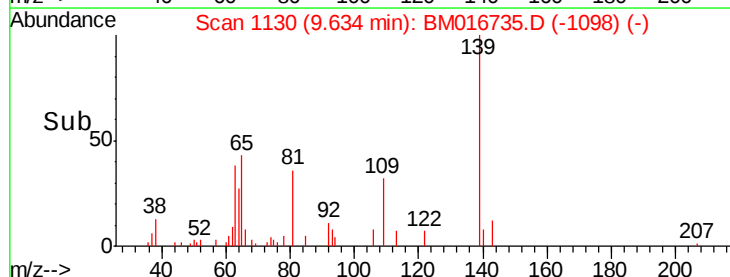
109 29.9 27.7 41.5

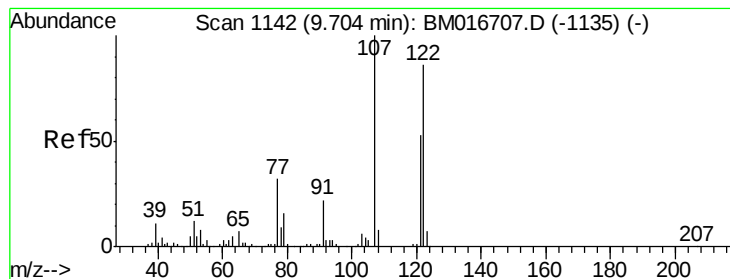


Abundance Ion 139.00 (138.70 to 139.70): BM016707.D (-1125) (-)

Ion 65.00 (64.70 to 65.70): BM016707.D (-1125) (-)

Ion 109.00 (108.70 to 109.70): BM016707.D (-1125) (-)

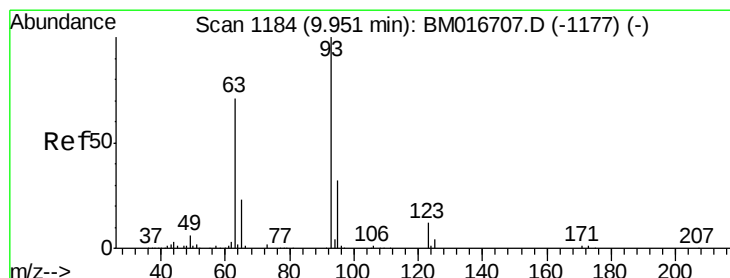
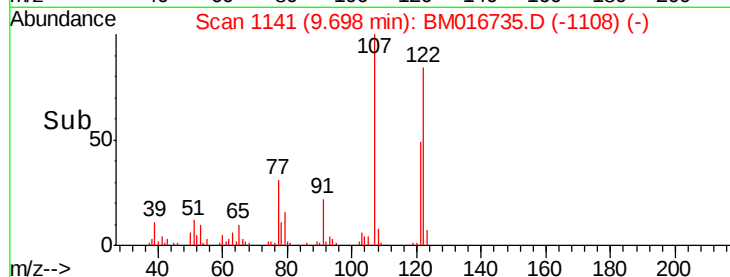
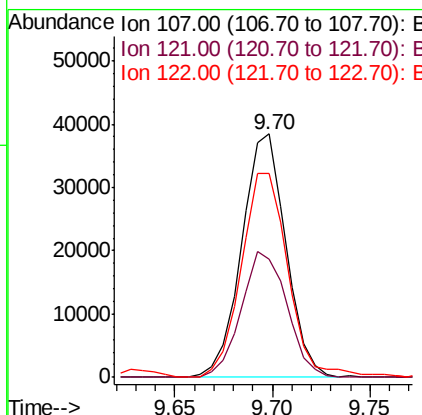
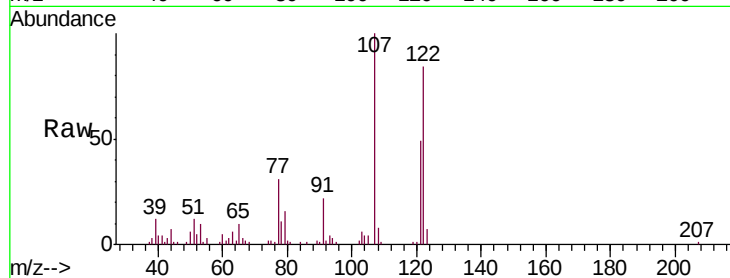




#24
 2,4-Dimethylphenol
 Concen: 3.830 ng/ul
 RT: 9.70 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

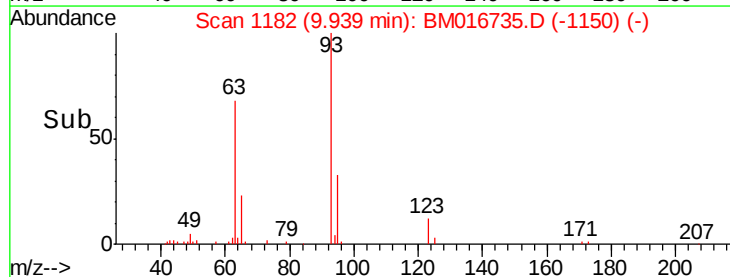
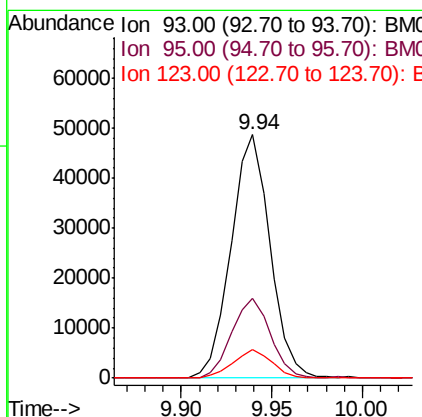
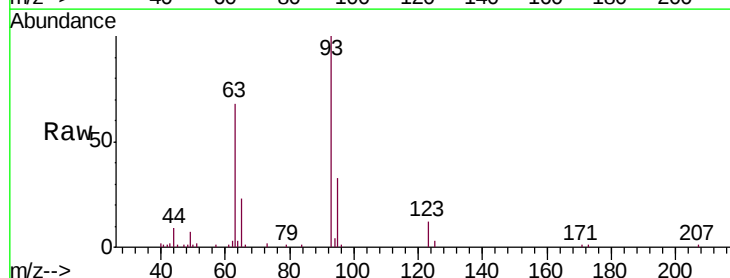
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-03

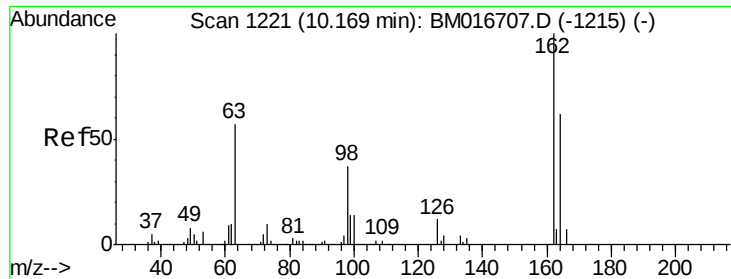
Tgt Ion: 107 Resp: 60283
 Ion Ratio Lower Upper
 107 100
 121 48.8 38.1 57.1
 122 83.7 63.8 95.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 4.043 ng/ul
 RT: 9.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

Tgt Ion: 93 Resp: 73021
 Ion Ratio Lower Upper
 93 100
 95 32.5 24.7 37.1
 123 12.0 8.2 12.2

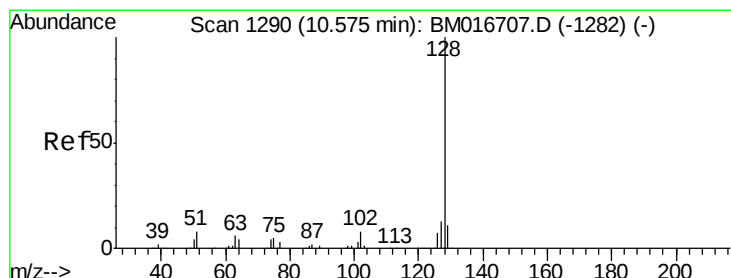
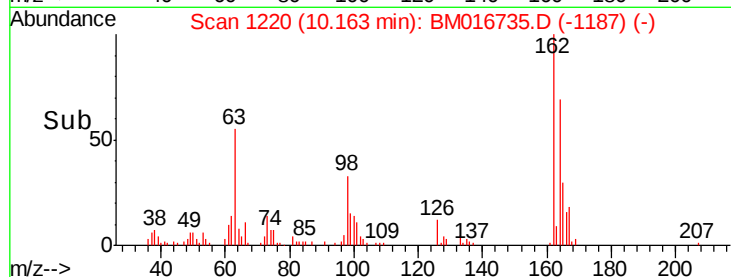
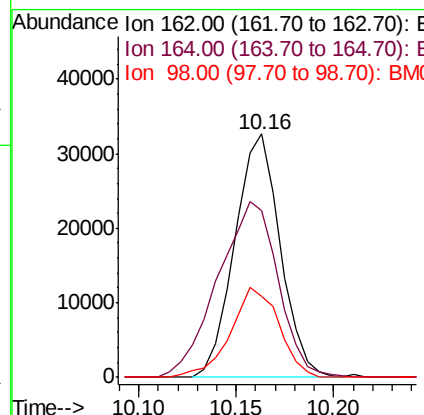
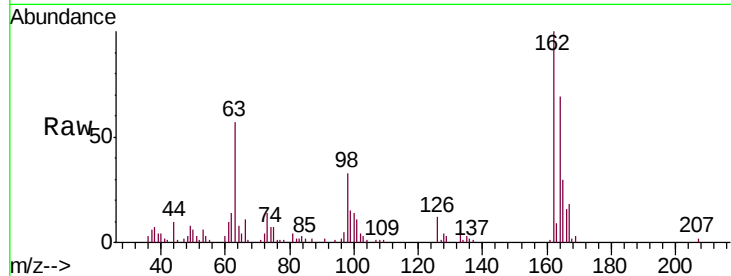




#27
2,4-Dichlorophenol
Concen: 4.088 ng/ul
RT: 10.16 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

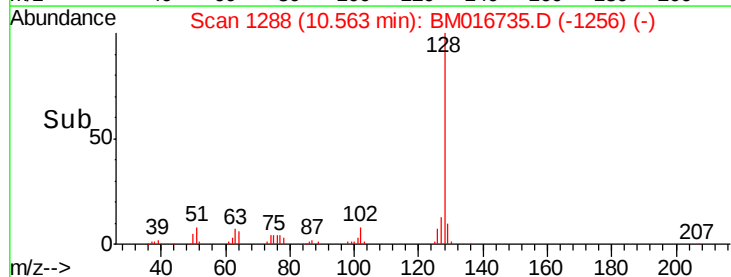
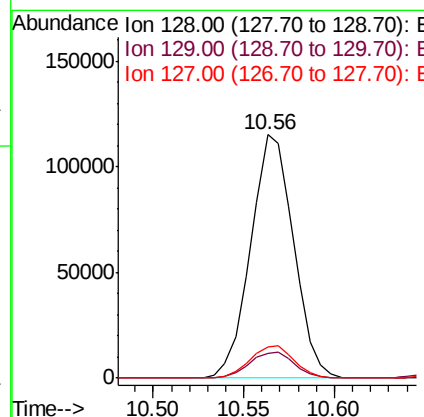
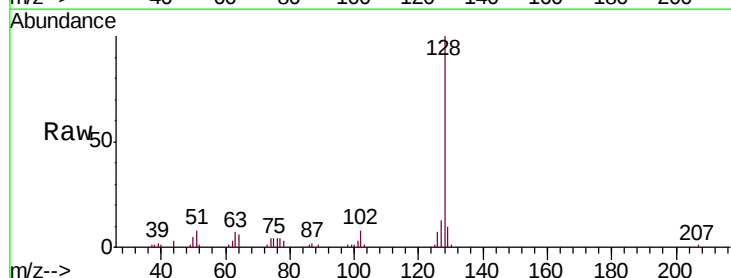
Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-03

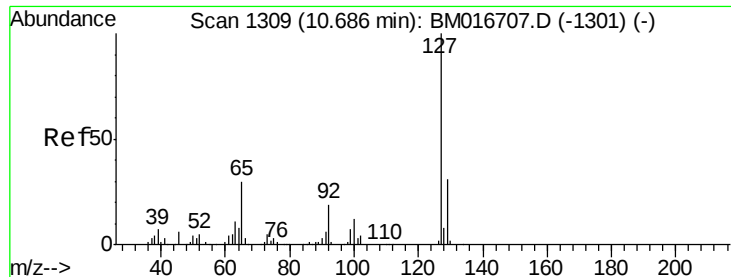
Tgt Ion:162 Resp: 52740
Ion Ratio Lower Upper
162 100
164 68.7 52.0 78.0
98 33.2 26.6 39.8



#28
Naphthalene
Concen: 4.160 ng/ul
RT: 10.56 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

Tgt Ion:128 Resp: 189214
Ion Ratio Lower Upper
128 100
129 9.9 8.3 12.5
127 12.7 10.8 16.2

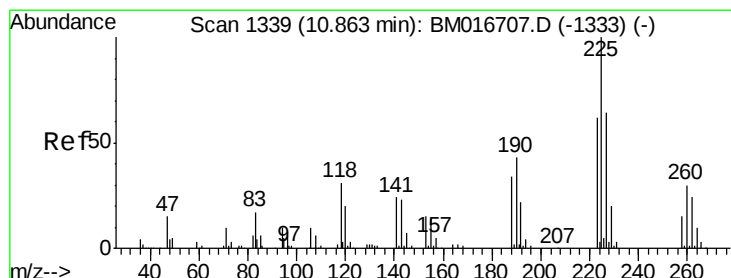
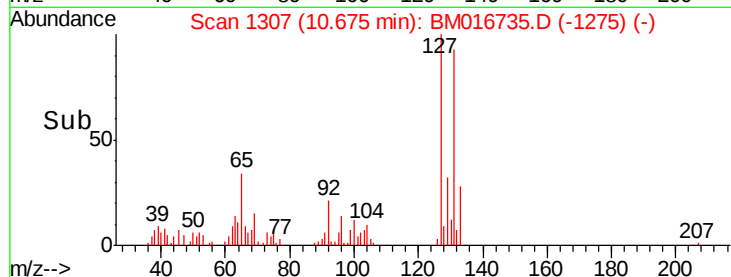
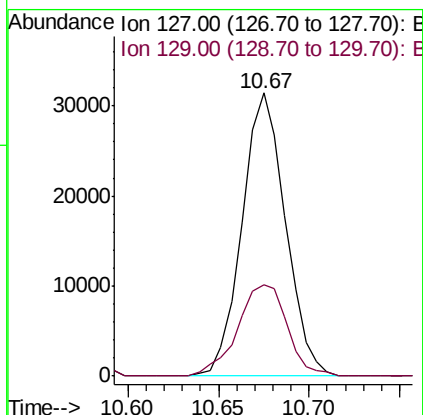
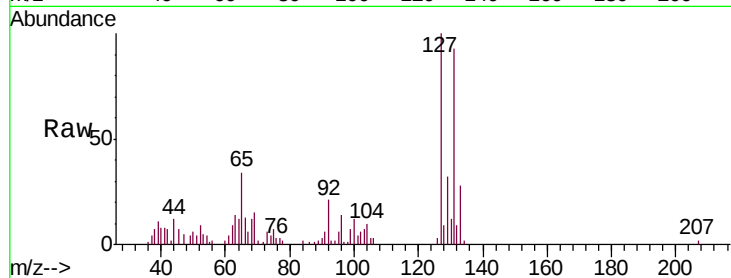




#30
4-Chloroaniline
Concen: 3.228 ng/ul
RT: 10.67 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

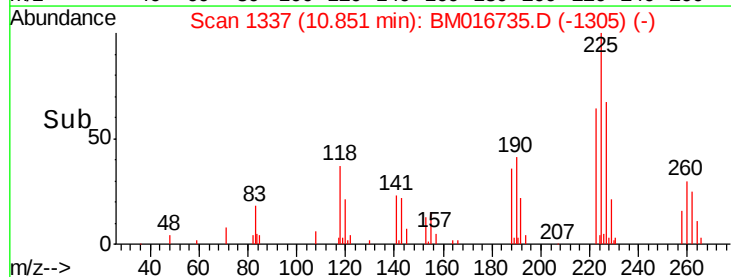
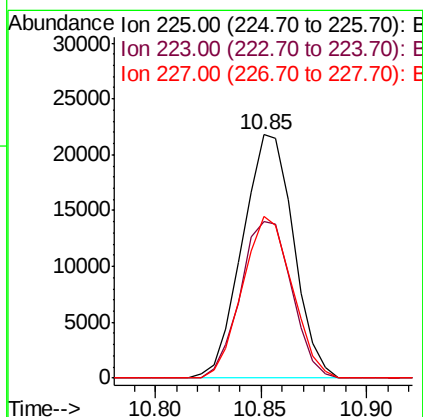
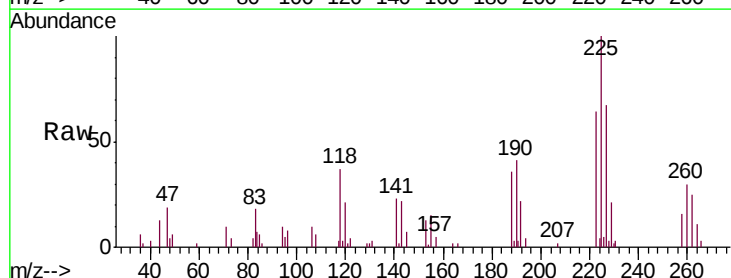
Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-03

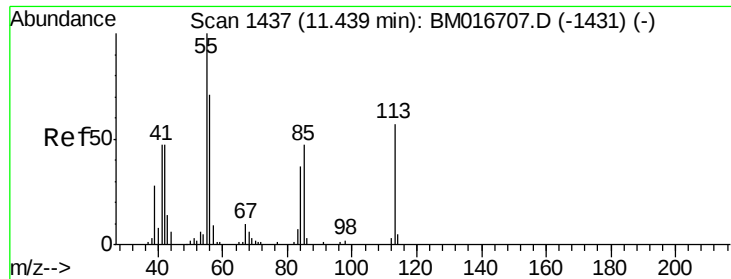
Tgt Ion:127 Resp: 52361
Ion Ratio Lower Upper
127 100
129 32.5 24.6 37.0



#31
Hexachlorobutadiene
Concen: 4.212 ng/ul
RT: 10.85 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

Tgt Ion:225 Resp: 36676
Ion Ratio Lower Upper
225 100
223 64.2 48.1 72.1
227 66.6 52.1 78.1





#32

Caprolactam

Concen: 3.014 ng/ul

RT: 11.45 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-03

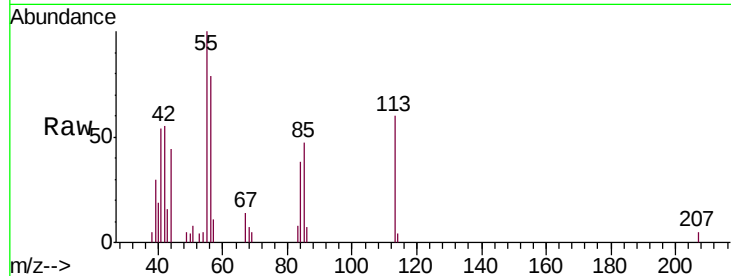
Tgt Ion:113 Resp: 12297

Ion Ratio Lower Upper

113 100

55 167.7 131.7 197.5

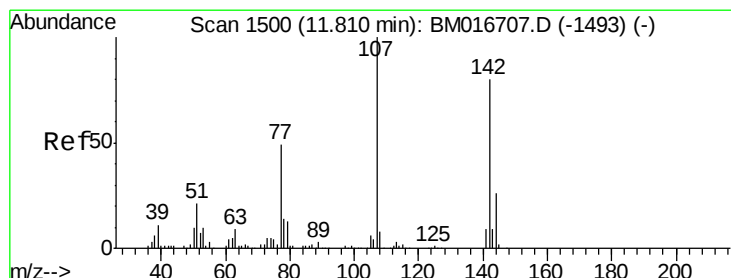
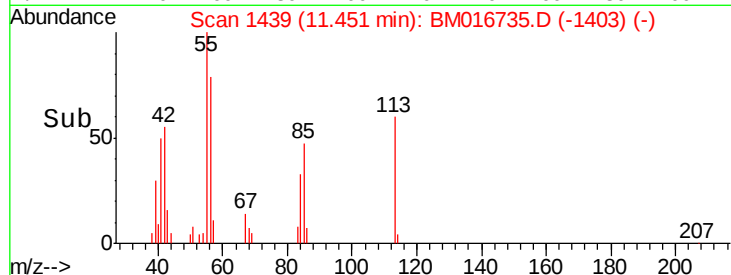
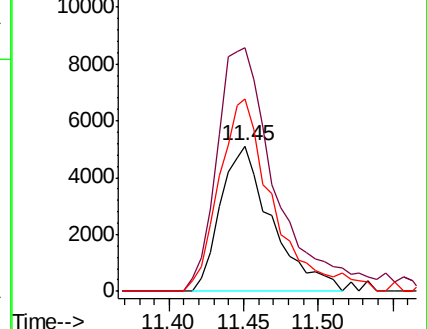
56 132.6 92.7 139.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 3.623 ng/ul

RT: 11.80 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

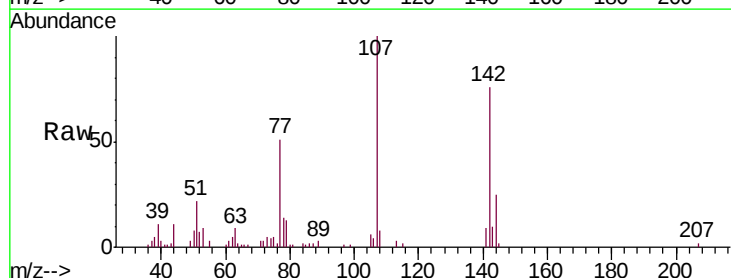
Tgt Ion:107 Resp: 48982

Ion Ratio Lower Upper

107 100

144 25.2 21.1 31.7

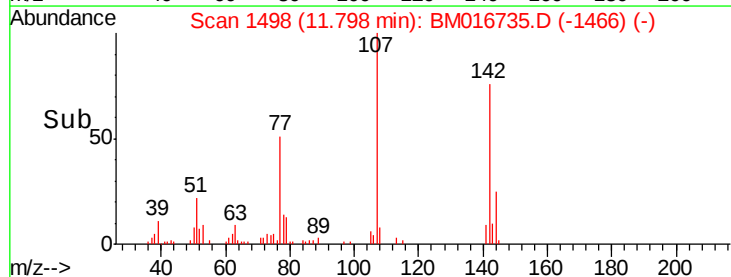
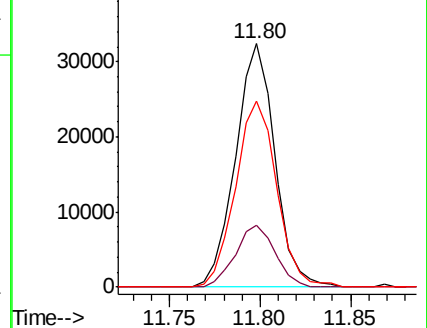
142 76.2 60.1 90.1

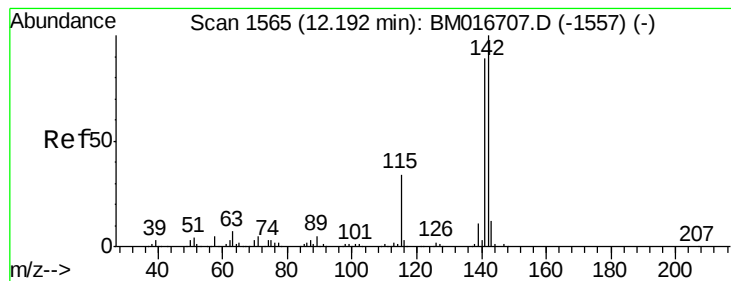


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 4.117 ng/ul

RT: 12.18 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

Instrument :

BNA_M

ClientSampleId :

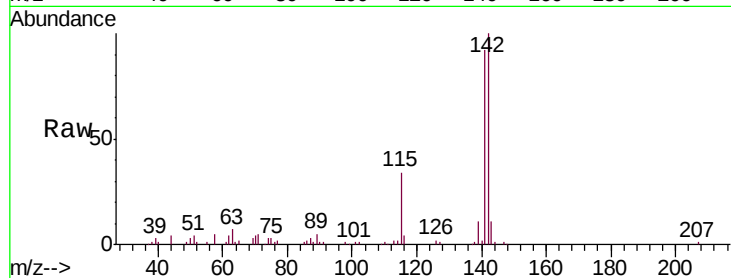
MDL-S-ME-03

Tgt Ion:142 Resp: 131941

Ion Ratio Lower Upper

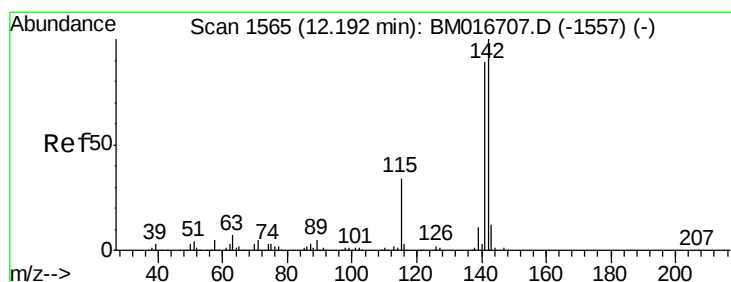
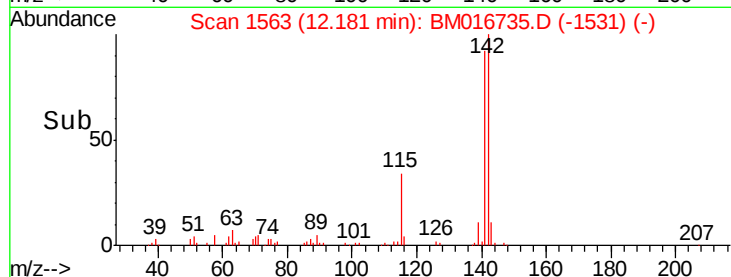
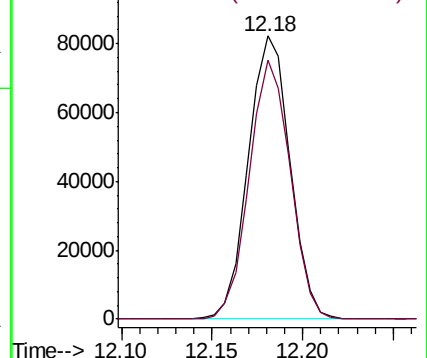
142 100

141 91.6 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 4.117 ng/ul

RT: 12.18 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

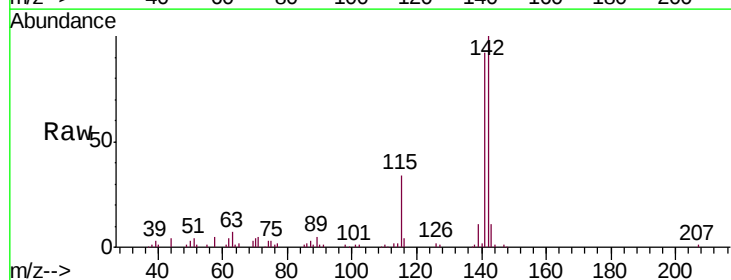
Tgt Ion:142 Resp: 131941

Ion Ratio Lower Upper

142 100

141 91.6 76.6 115.0

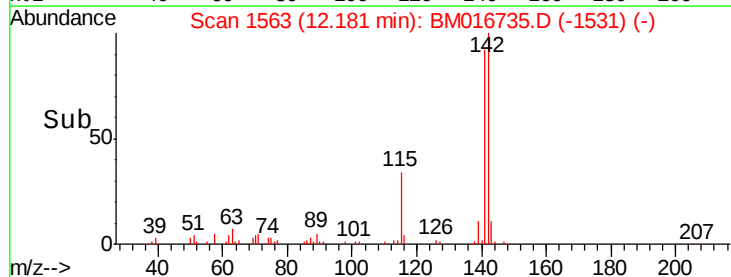
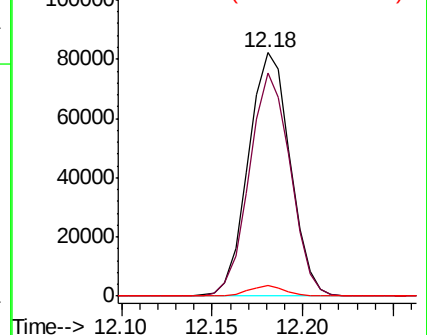
116 4.2 3.6 5.4

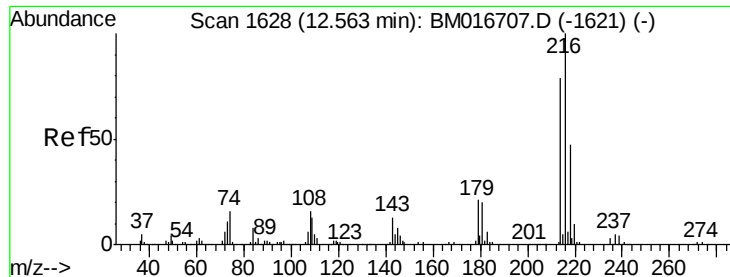


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

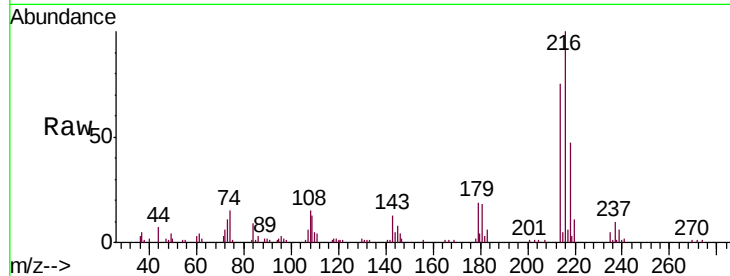




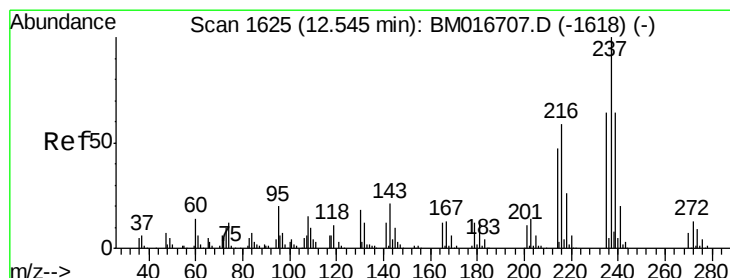
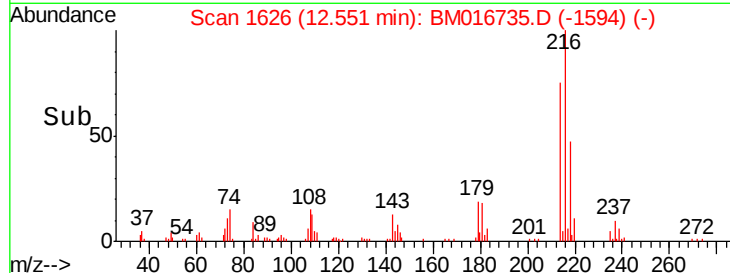
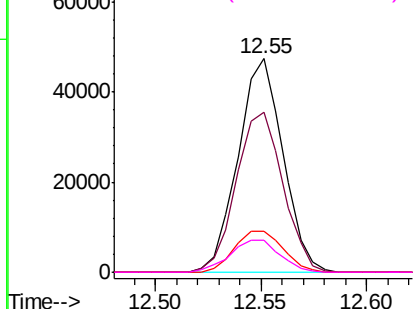
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.225 ng/ul
 RT: 12.55 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-03

Tgt Ion:	216	Resp:	69972
Ion	Ratio	Lower	Upper
216	100		
214	74.9	64.1	96.1
179	19.0	14.5	21.7
108	14.8	10.4	15.6

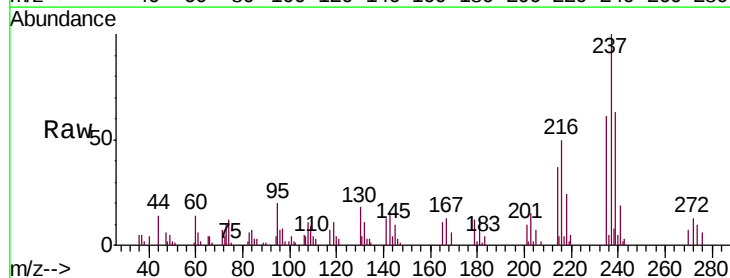


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

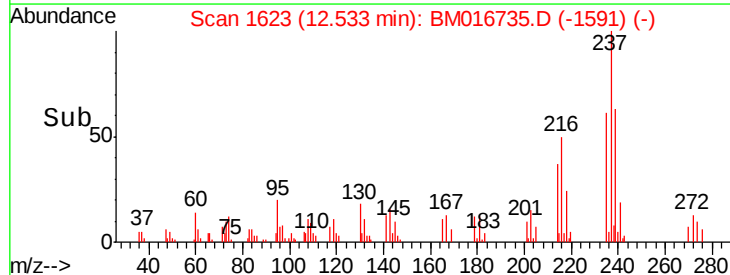
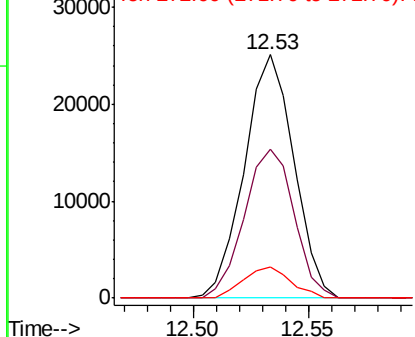


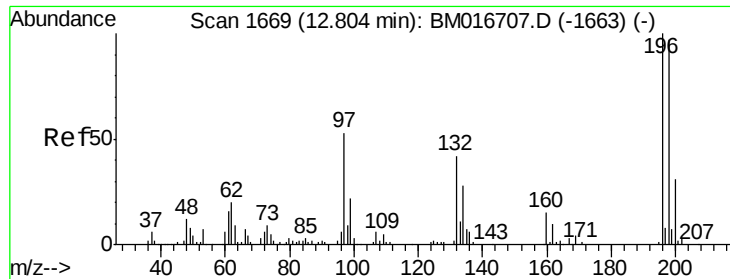
#38
 Hexachlorocyclopentadiene
 Concen: 3.645 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

Tgt Ion:	237	Resp:	37587
Ion	Ratio	Lower	Upper
237	100		
235	61.2	49.5	74.3
272	12.7	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

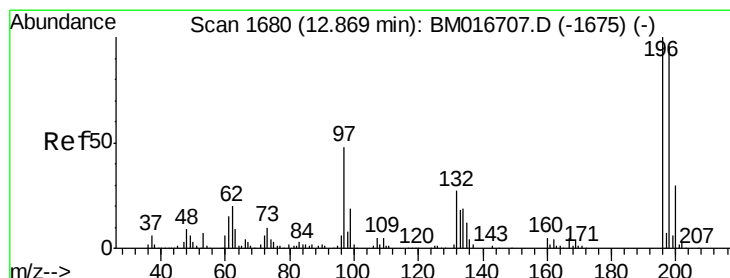
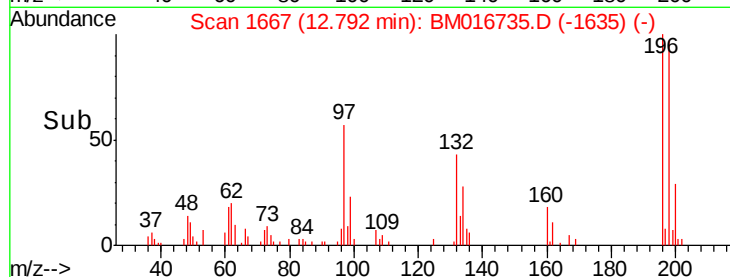
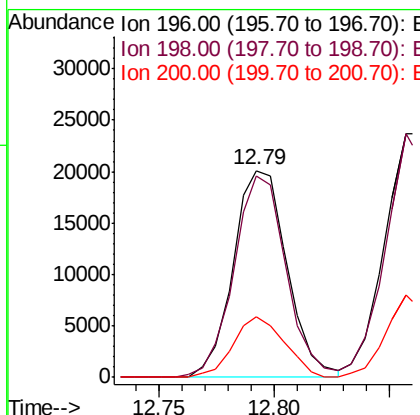
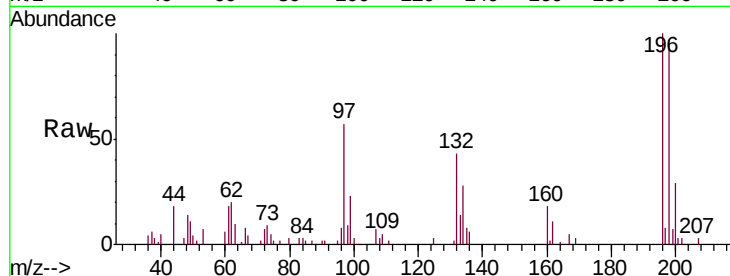




#39
 2,4,6-Trichlorophenol
 Concen: 3.459 ng/ul
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

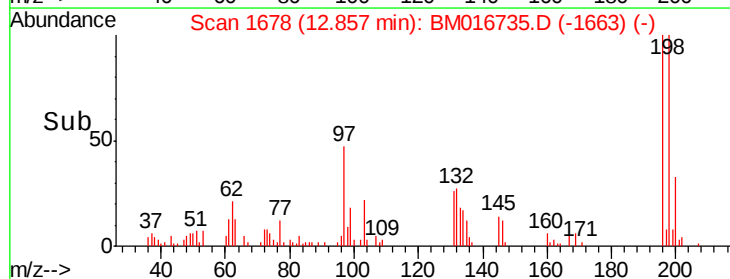
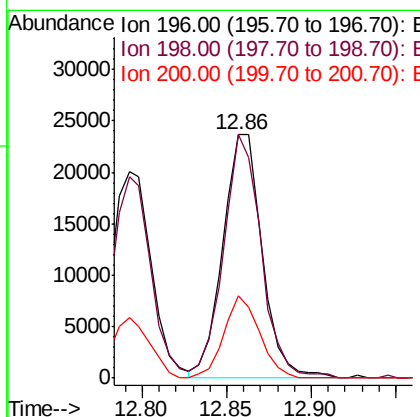
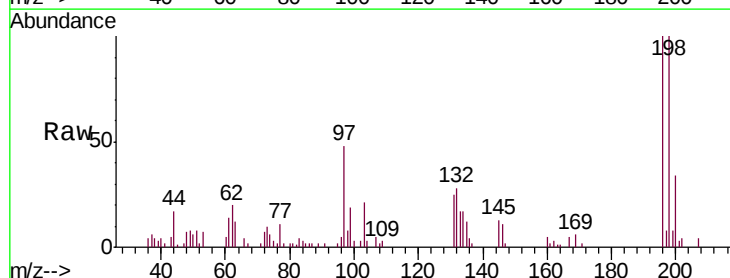
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-03

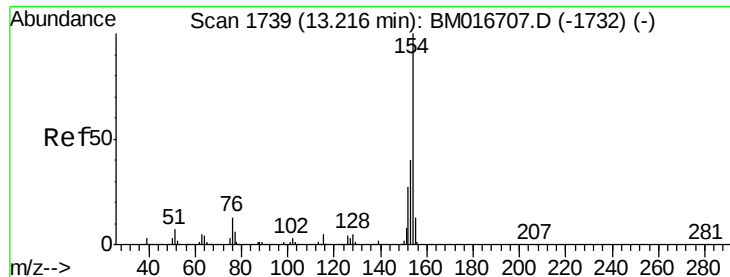
Tgt Ion:196 Resp: 32615
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.9 113.9
 200 29.2 25.8 38.6



#40
 2,4,5-Trichlorophenol
 Concen: 3.736 ng/ul
 RT: 12.86 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

Tgt Ion:196 Resp: 38450
 Ion Ratio Lower Upper
 196 100
 198 100.0 74.7 112.1
 200 33.8 25.4 38.0

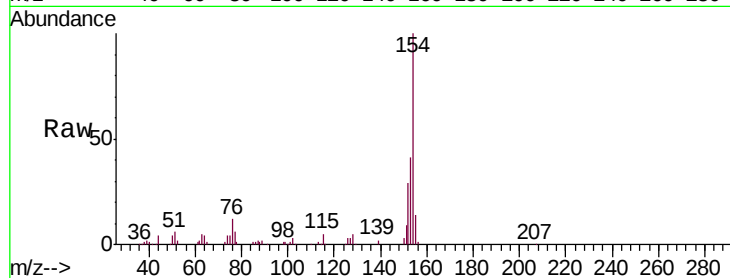




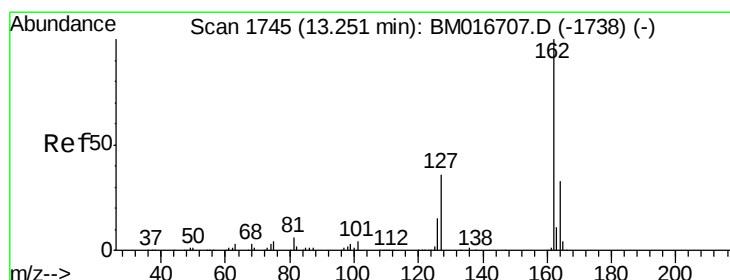
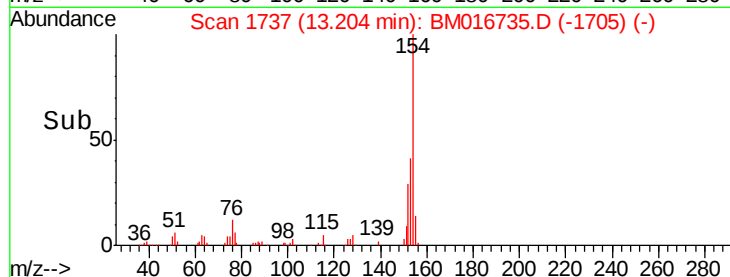
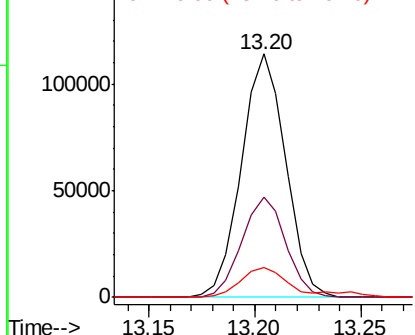
#41
 1,1'-Biphenyl
 Concen: 4.133 ng/ul
 RT: 13.20 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-03

Tgt Ion:	154	Resp:	165792
Ion	Ratio	Lower	Upper
154	100		
153	41.4	34.0	51.0
76	12.3	8.4	12.6

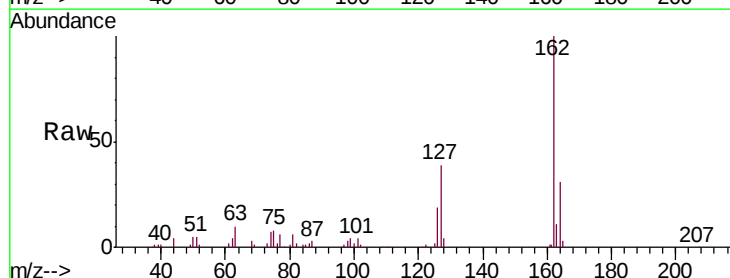


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

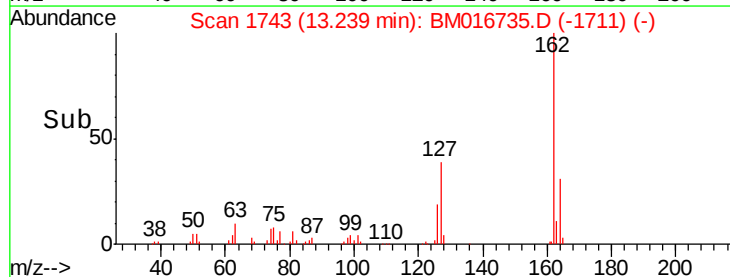
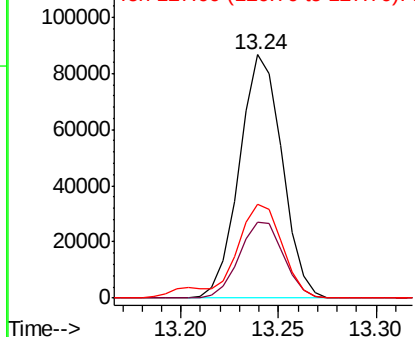


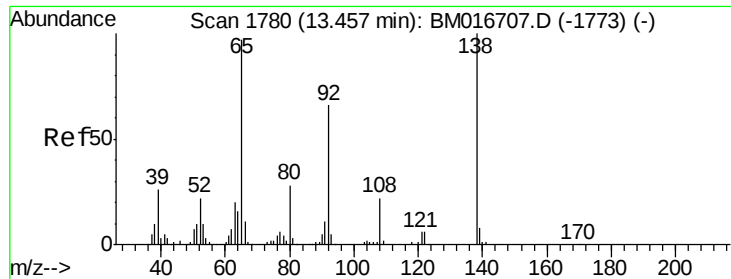
#42
 2-Chloronaphthalene
 Concen: 4.199 ng/ul
 RT: 13.24 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

Tgt Ion:	162	Resp:	131801
Ion	Ratio	Lower	Upper
162	100		
164	31.4	26.2	39.4
127	38.5	29.5	44.3



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

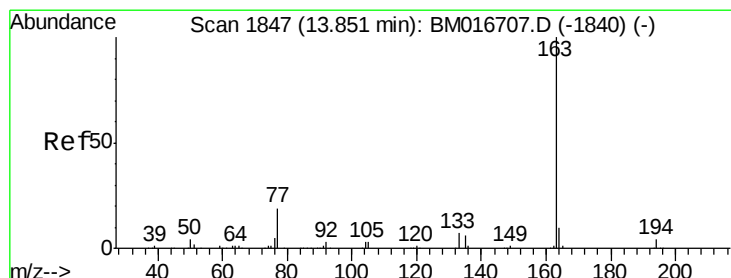
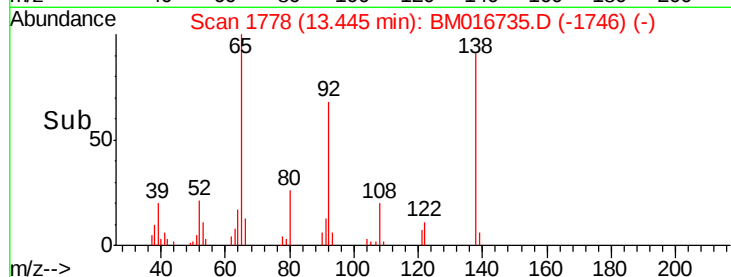
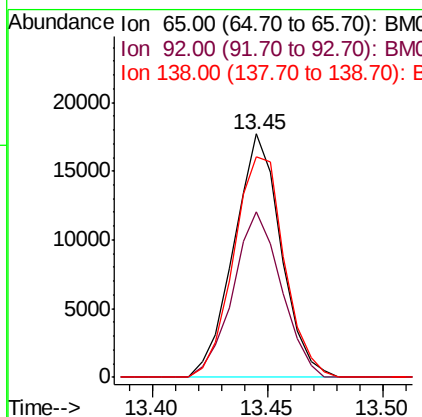
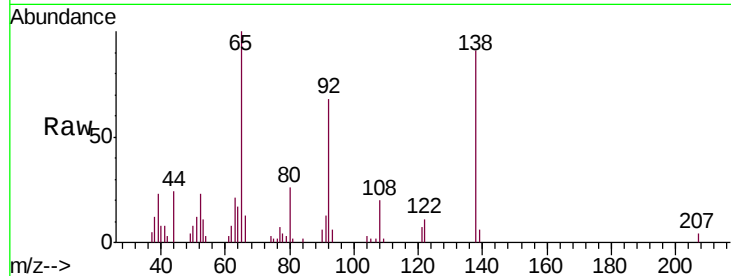




#43
2-Nitroaniline
Concen: 3.651 ng/ul
RT: 13.45 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

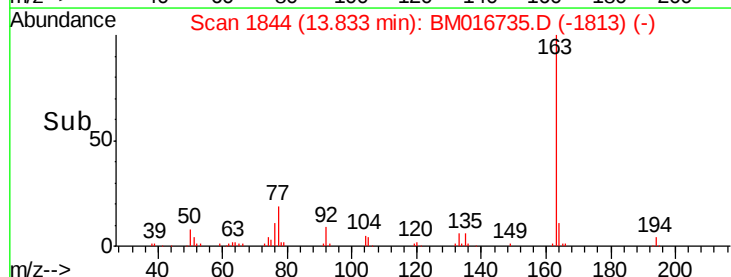
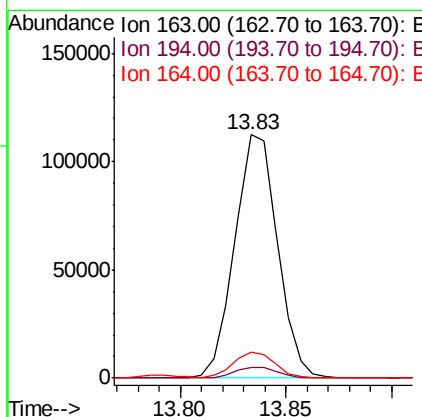
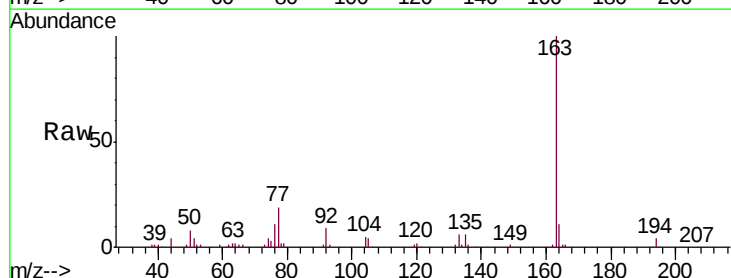
Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-03

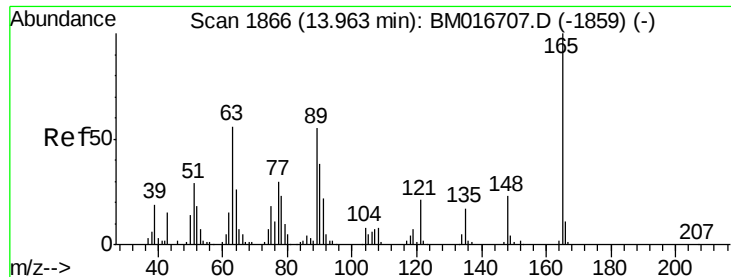
Tgt Ion: 65 Resp: 25248
Ion Ratio Lower Upper
65 100
92 68.1 57.0 85.4
138 90.6 87.2 130.8



#45
Dimethylphthalate
Concen: 4.181 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

Tgt Ion: 163 Resp: 158213
Ion Ratio Lower Upper
163 100
194 4.2 4.0 6.0
164 10.5 8.4 12.6

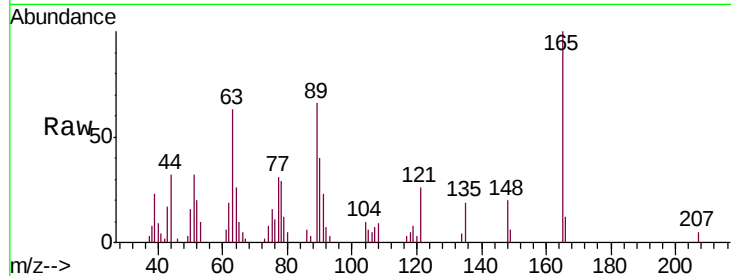




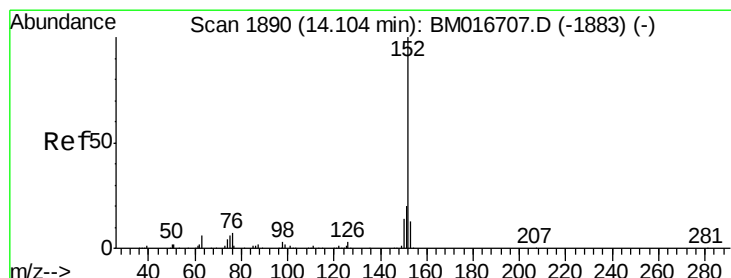
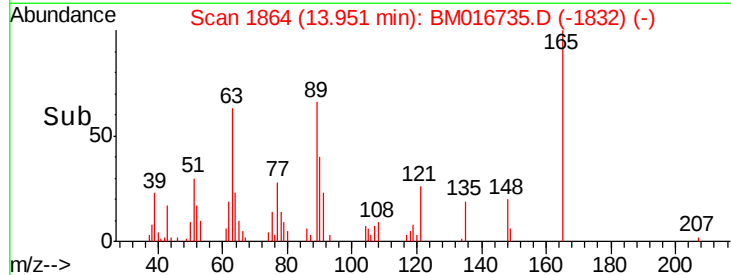
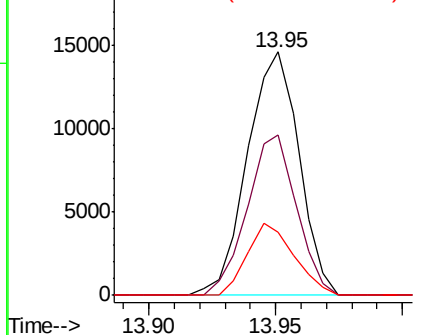
#46
 2,6-Dinitrotoluene
 Concen: 3.552 ng/ul
 RT: 13.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-03

Tgt Ion	Ratio	Lower	Upper
165	100		
89	65.9	43.8	65.8#
121	26.1	17.8	26.6

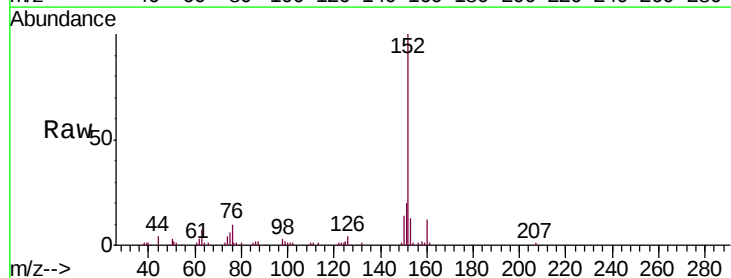


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E

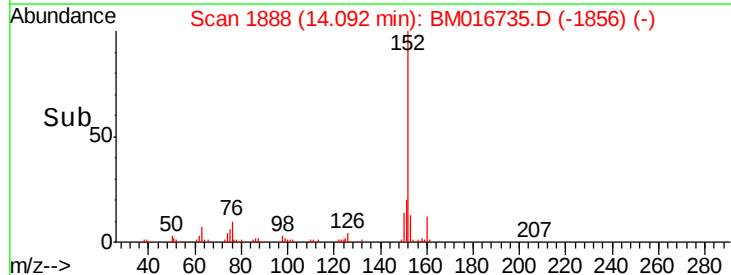
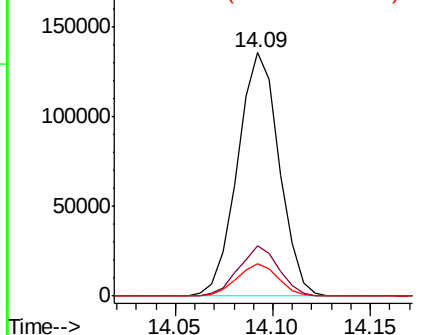


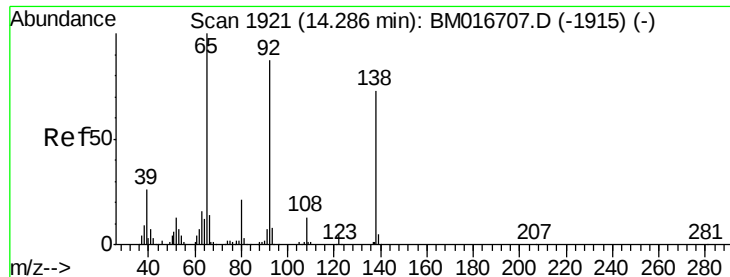
#48
 Acenaphthylene
 Concen: 4.230 ng/ul
 RT: 14.09 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	13.5	10.8	16.2



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





#49

3-Nitroaniline

Concen: 3.382 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-03

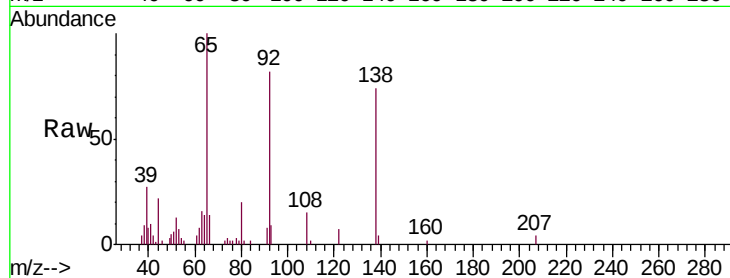
Tgt Ion:138 Resp: 21376

Ion Ratio Lower Upper

138 100

108 20.2 7.6 11.4#

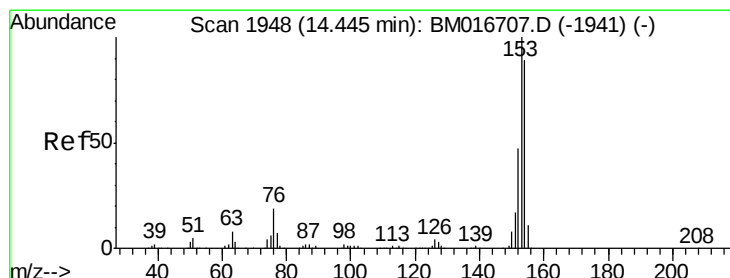
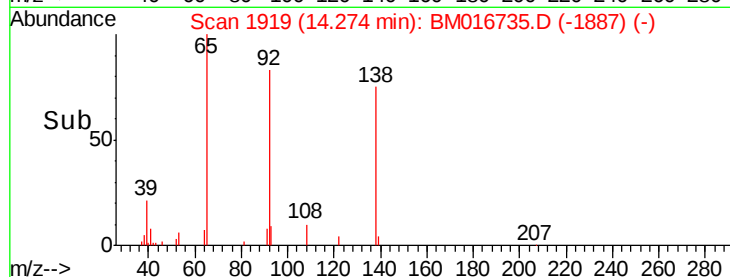
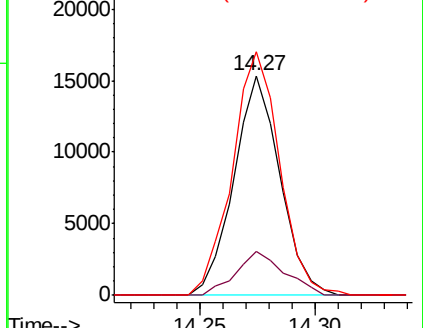
92 110.9 94.2 141.2



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): BM



#50

Acenaphthene

Concen: 4.262 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

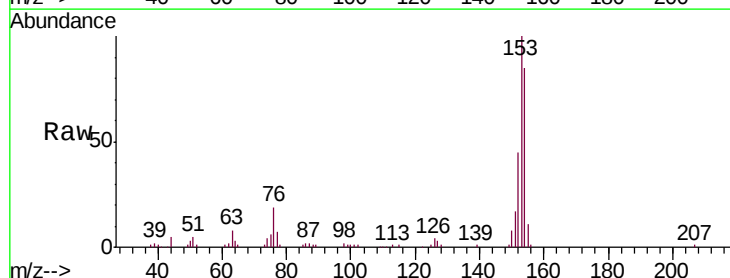
Tgt Ion:153 Resp: 143211

Ion Ratio Lower Upper

153 100

152 45.1 37.9 56.9

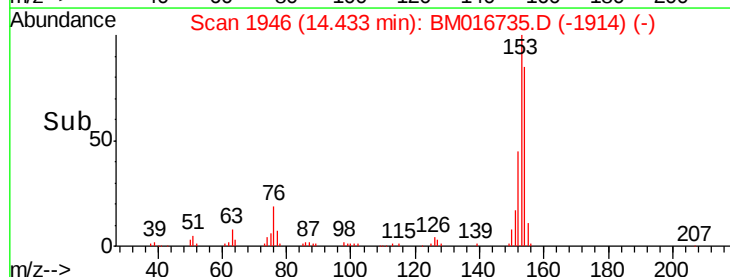
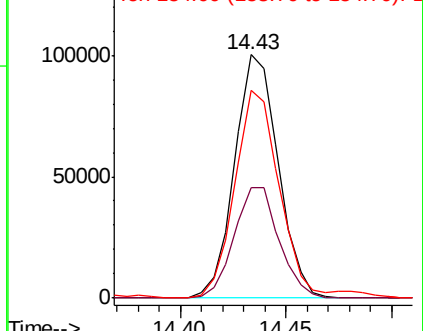
154 85.1 69.8 104.6

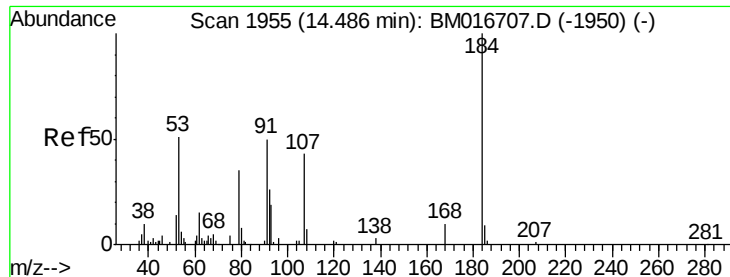


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

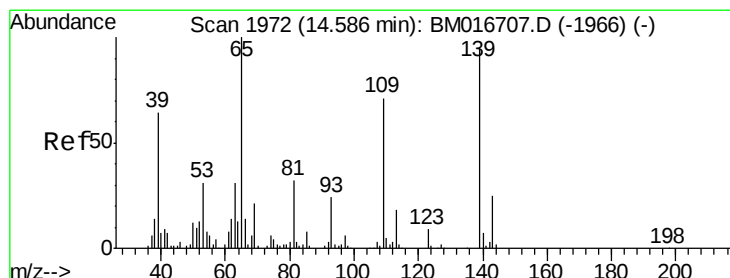
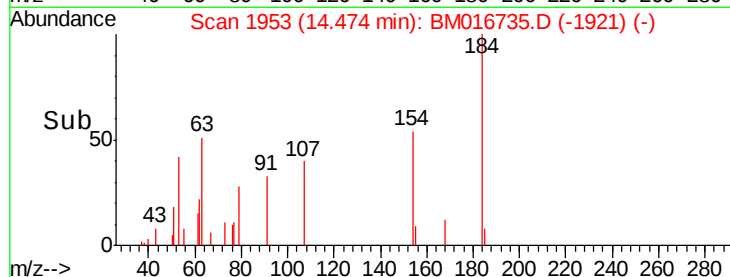
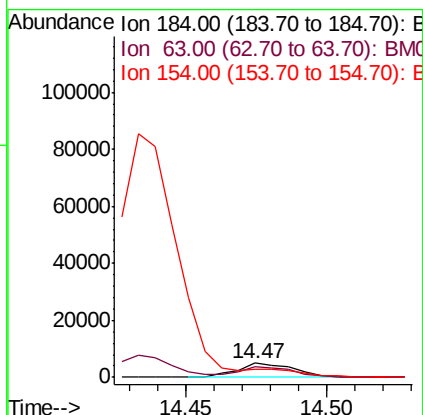
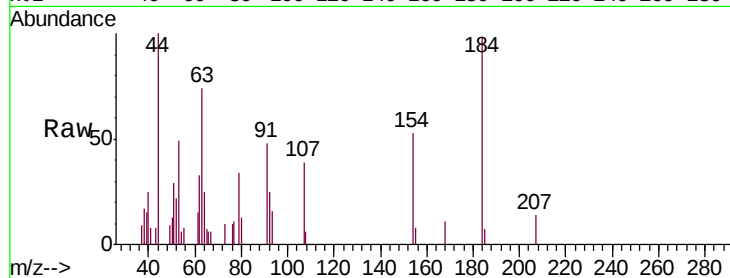




#51
 2,4-Dinitrophenol
 Concen: 2.654 ng/ul
 RT: 14.47 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

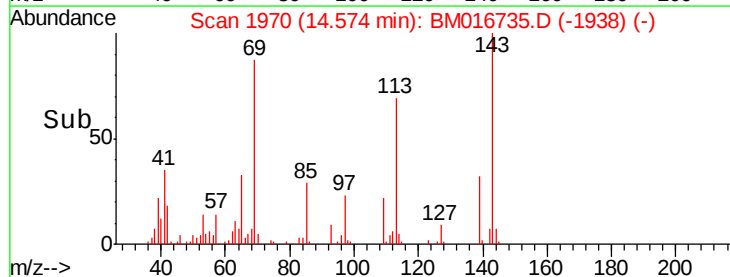
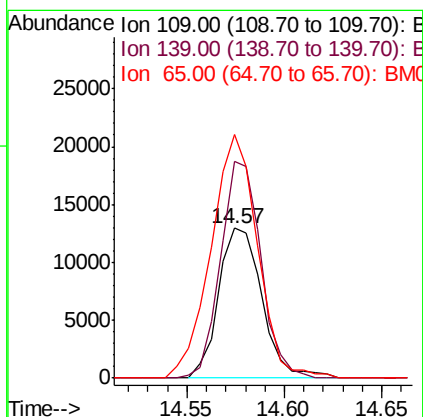
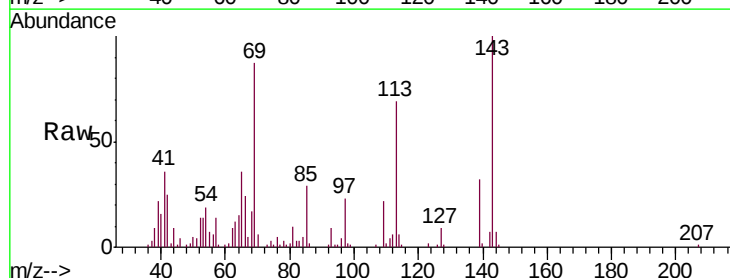
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-03

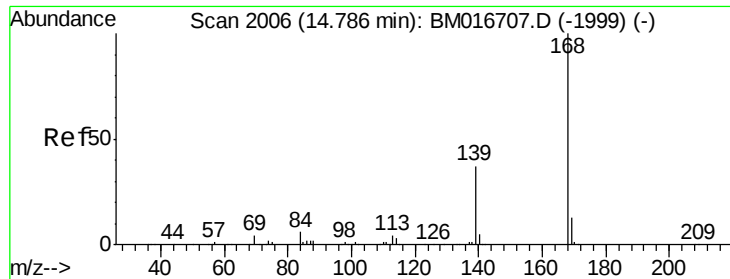
Tgt Ion:184 Resp: 6900
 Ion Ratio Lower Upper
 184 100
 63 75.6 39.7 59.5#
 154 54.3 45.0 67.6



#53
 4-Nitrophenol
 Concen: 4.086 ng/ul
 RT: 14.57 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

Tgt Ion:109 Resp: 20005
 Ion Ratio Lower Upper
 109 100
 139 144.6 91.2 136.8#
 65 162.5 92.6 139.0#





#54

Dibenzofuran

Concen: 4.283 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

Instrument :

BNA_M

ClientSampleId :

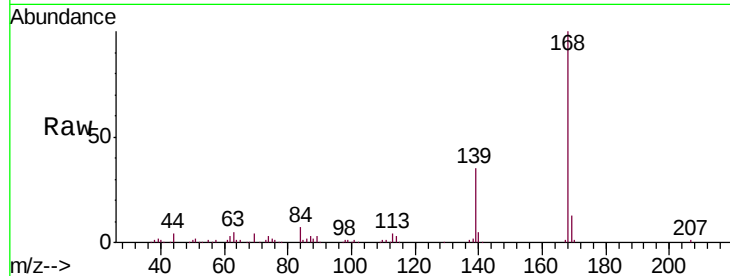
MDL-S-ME-03

Tgt Ion:168 Resp: 197470

Ion Ratio Lower Upper

168 100

139 35.4 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

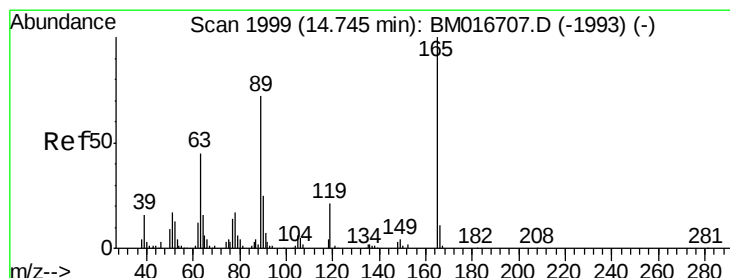
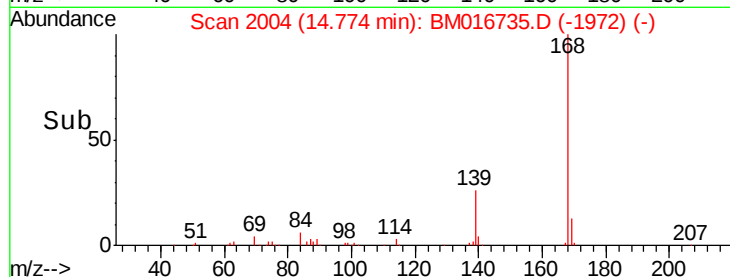
150000

100000

50000

0

Time-->



#55

2,4-Dinitrotoluene

Concen: 3.854 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

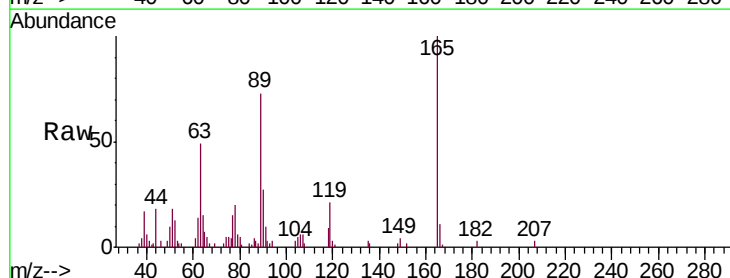
Tgt Ion:165 Resp: 32936

Ion Ratio Lower Upper

165 100

63 49.4 31.4 47.0#

182 2.6 2.7 4.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

14.73

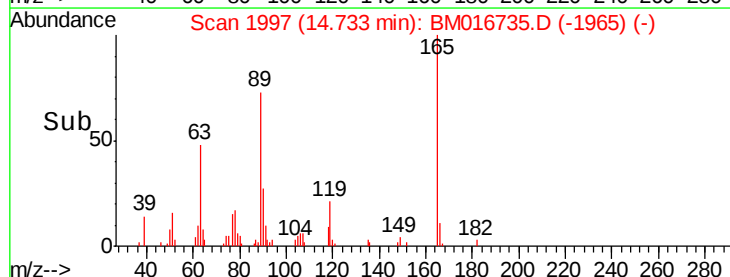
30000

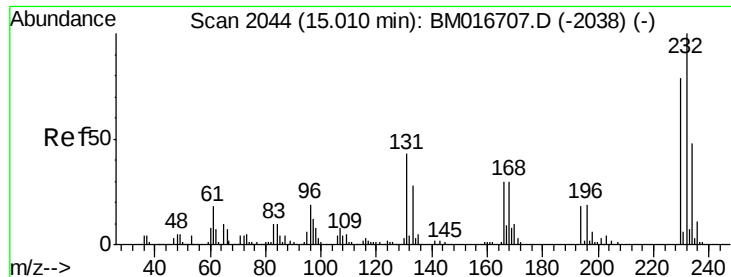
20000

10000

0

Time-->





#56

2,3,4,6-Tetrachlorophenol

Concen: 3.466 ng/ul

RT: 15.00 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-03

Tgt Ion:232 Resp: 28853

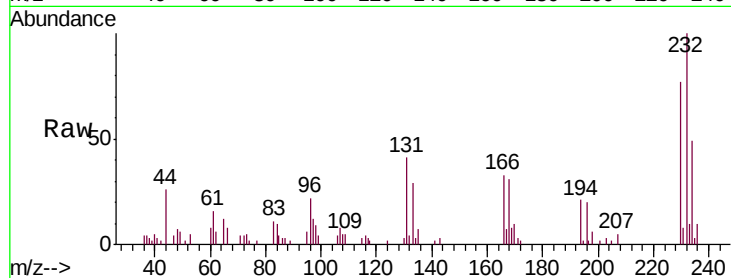
Ion Ratio Lower Upper

232 100

131 41.3 27.1 40.7#

130 3.2 0.0 0.0#

166 33.1 20.0 30.0#



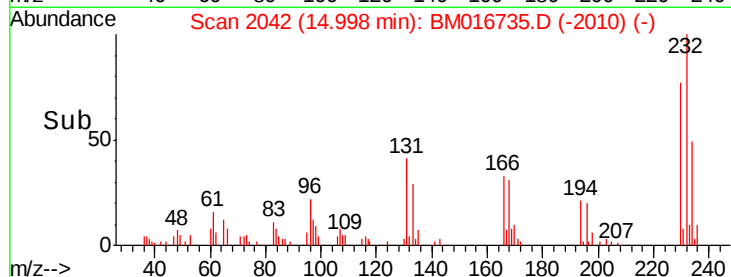
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

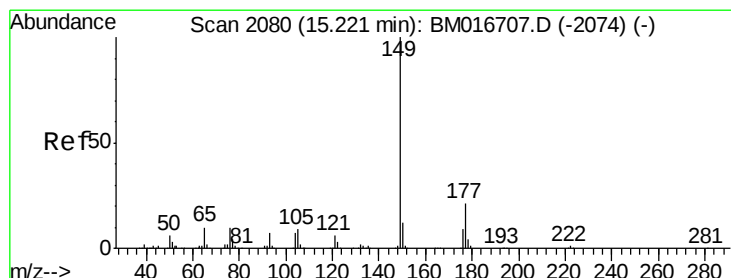
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



Time-->



#57

Diethylphthalate

Concen: 3.995 ng/ul

RT: 15.21 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

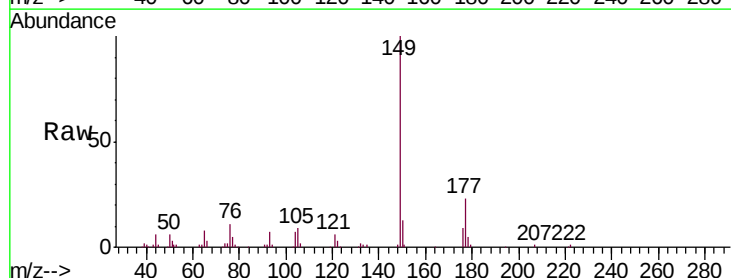
Tgt Ion:149 Resp: 149762

Ion Ratio Lower Upper

149 100

177 22.6 19.3 28.9

150 12.5 10.6 15.8

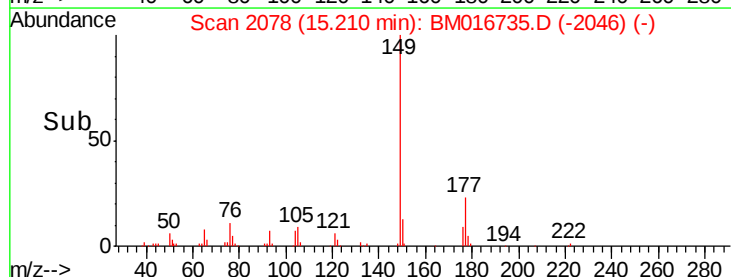


Abundance Ion 149.00 (148.70 to 149.70): E

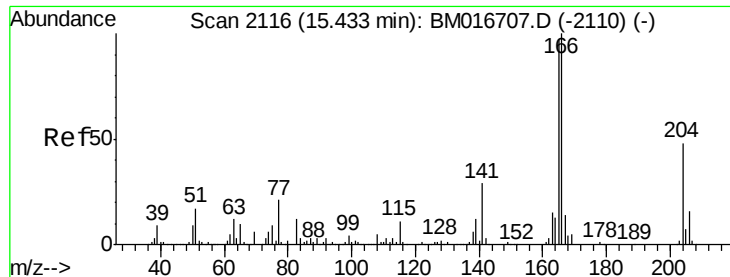
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



Time-->



#59

Fluorene

Concen: 4.242 ng/ul

RT: 15.42 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-03

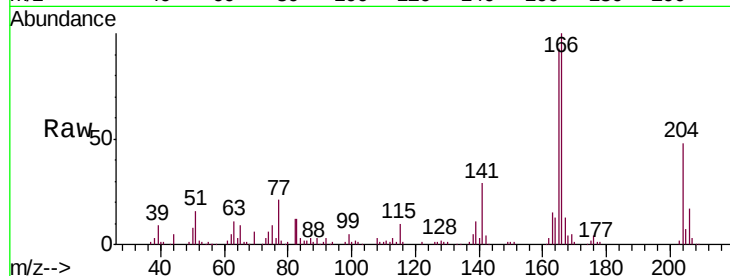
Tgt Ion:166 Resp: 160673

Ion Ratio Lower Upper

166 100

165 92.6 78.4 117.6

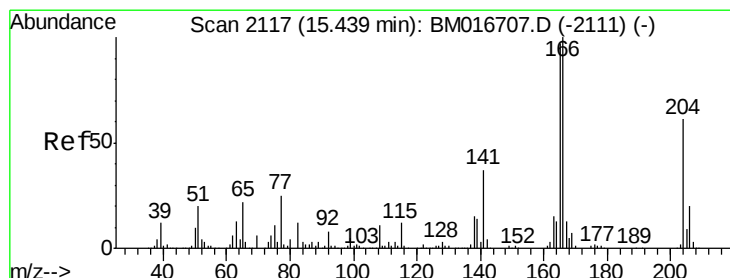
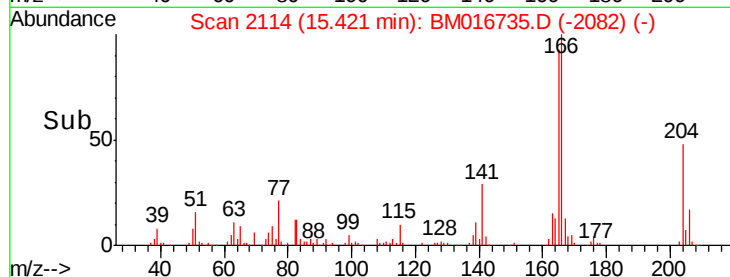
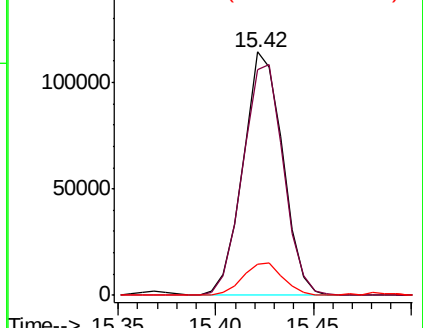
167 12.8 11.1 16.7



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: 4.283 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM016735.D

Acq: 11 Sep 2018 22:44

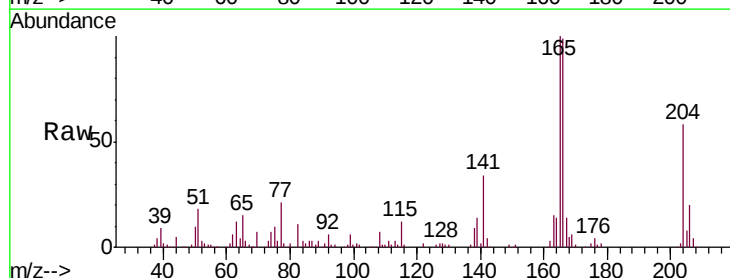
Tgt Ion:204 Resp: 82263

Ion Ratio Lower Upper

204 100

206 35.2 26.6 40.0

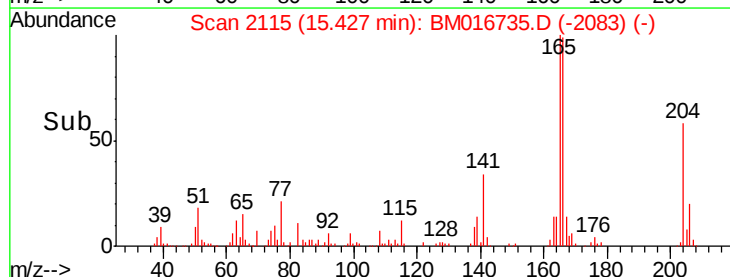
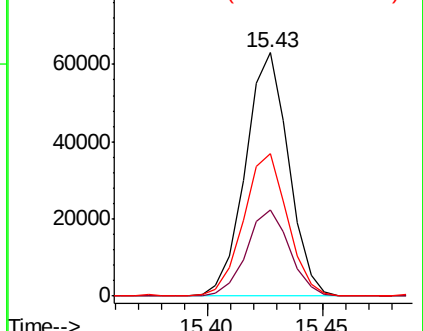
141 58.5 40.7 61.1

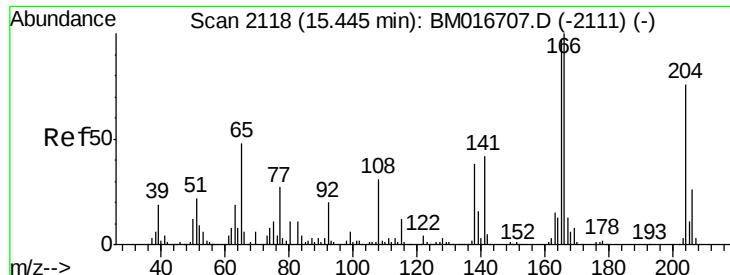


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

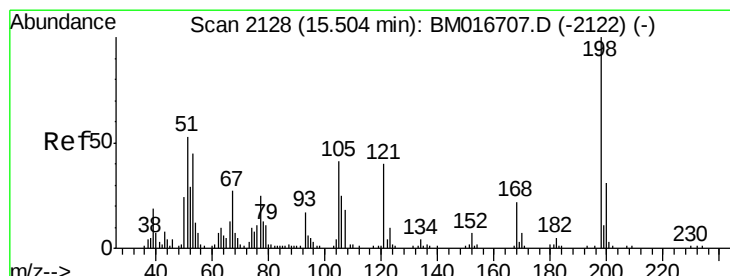
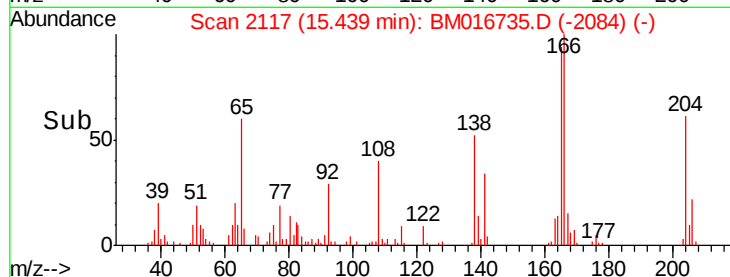
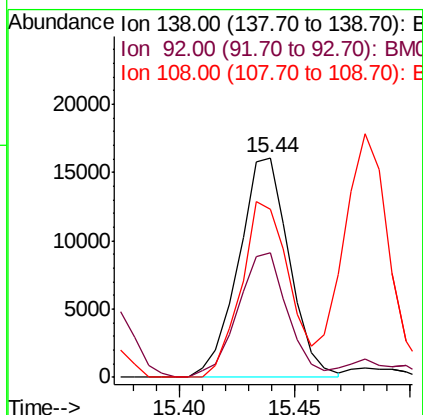
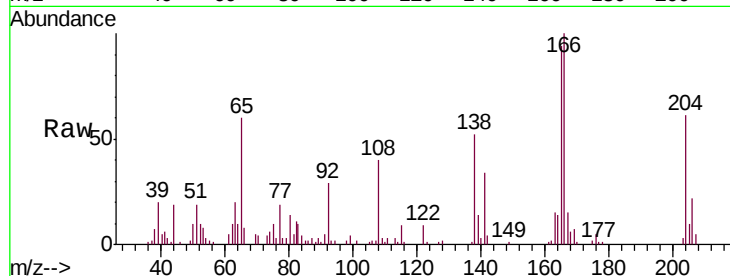




#61
4-Nitroaniline
Concen: 3.176 ng/ul
RT: 15.44 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

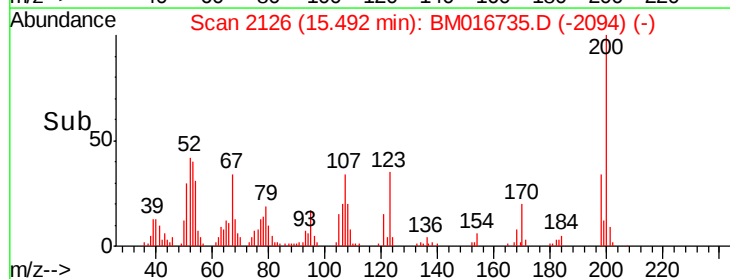
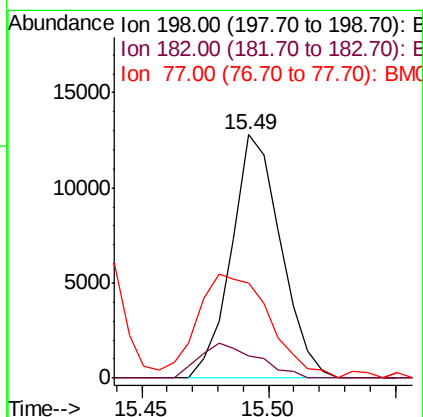
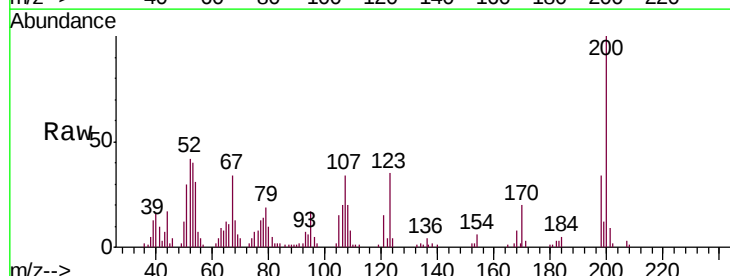
Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-03

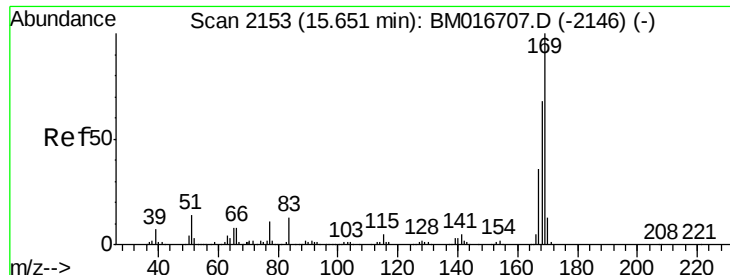
Tgt Ion:138 Resp: 24656
Ion Ratio Lower Upper
138 100
92 56.6 38.2 57.4
108 76.7 70.0 105.0



#64
4,6-Dinitro-2-methylphenol
Concen: 3.552 ng/ul
RT: 15.49 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

Tgt Ion:198 Resp: 17372
Ion Ratio Lower Upper
198 100
182 9.2 3.5 5.3#
77 39.1 18.2 27.4#



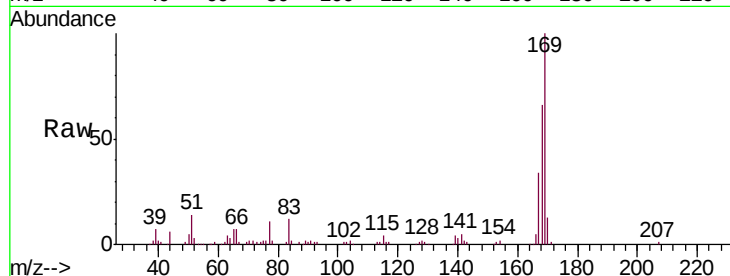


#65

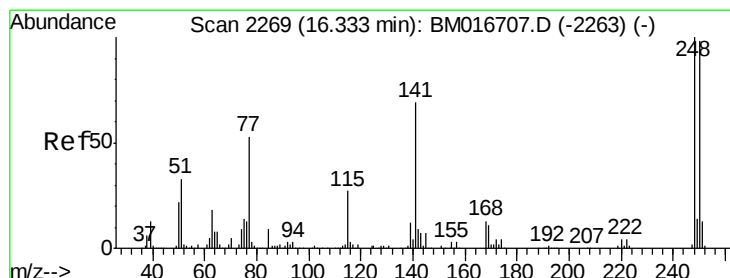
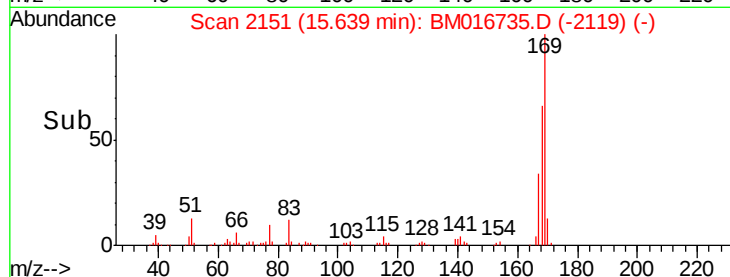
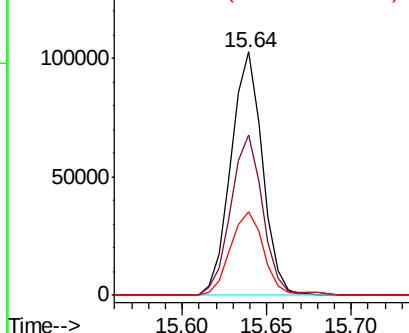
N-Nitrosodiphenylamine
 Concen: 4.066 ng/ul
 RT: 15.64 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-03

Tgt Ion	Resp	Lower	Upper
169	100		
168	65.9	53.8	80.8
167	34.3	29.5	44.3



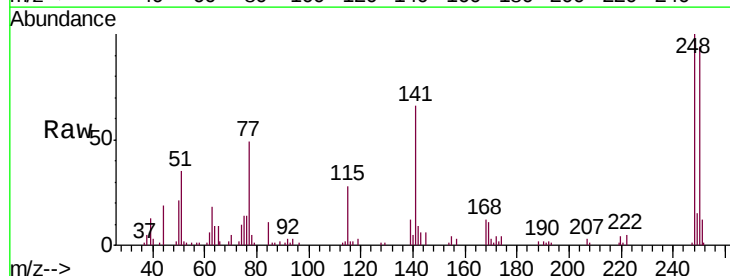
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



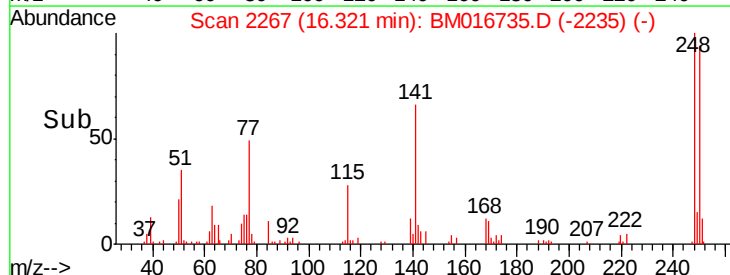
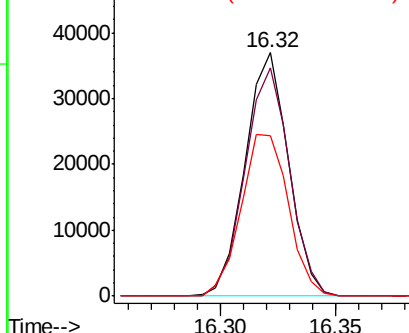
#66

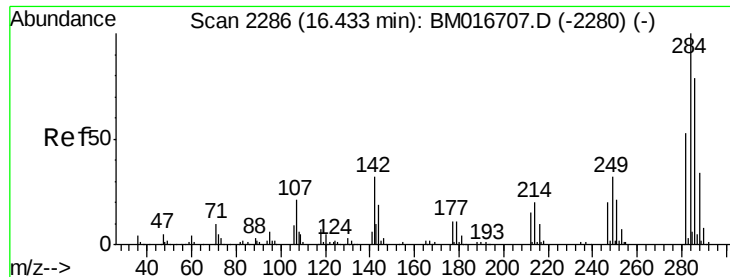
4-Bromophenyl-phenylether
 Concen: 4.028 ng/ul
 RT: 16.32 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BM016735.D
 Acq: 11 Sep 2018 22:44

Tgt Ion	Resp	Lower	Upper
248	100		
250	94.0	79.0	118.4
141	65.9	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

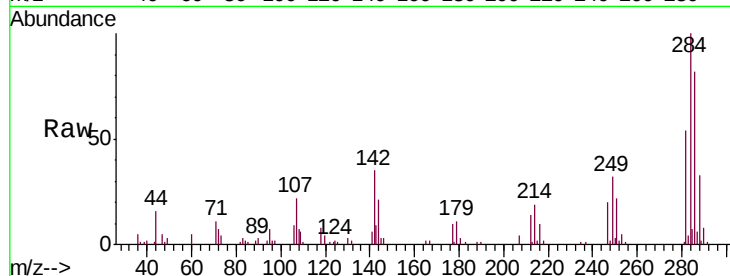




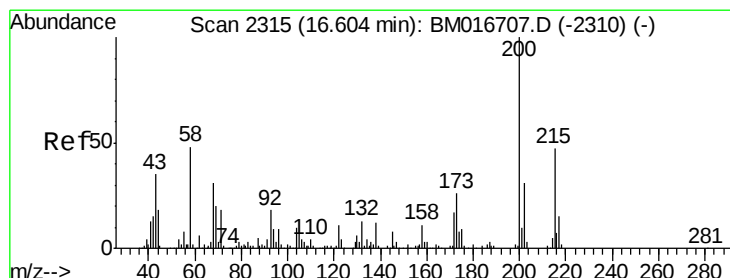
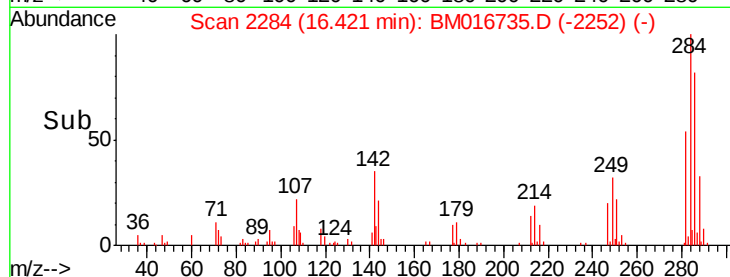
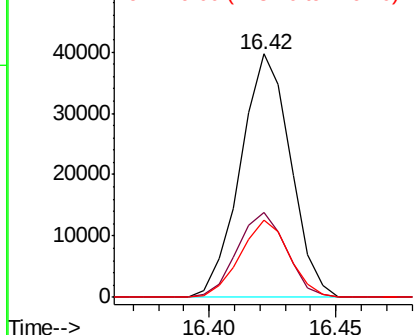
#67
Hexachlorobenzene
Concen: 4.229 ng/ul
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-03

Tgt Ion:284 Resp: 54711
Ion Ratio Lower Upper
284 100
142 34.9 21.3 31.9#
249 31.9 26.3 39.5

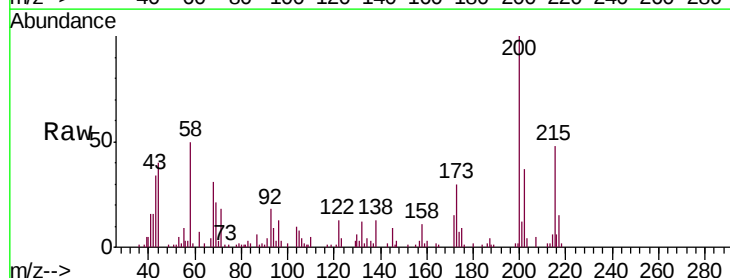


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 3.439 ng/ul
RT: 16.59 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BM016735.D
Acq: 11 Sep 2018 22:44

Tgt Ion:200 Resp: 39945
Ion Ratio Lower Upper
200 100
173 30.0 20.6 31.0
215 47.9 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

