

Data File : BM016730.D
Acq On : 11 Sep 2018 19:43
Operator : SJ/JU
Sample : MDL-S-05
Misc : 4ppm/1ppm
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-05

Quant Time: Sep 12 01:10:51 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	204776	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	867929	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	466127	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1024588	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1139865	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	1196399	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	30812	6.43	ng/uL	0.00
5) Phenol-d5	6.90	99	454000	26.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	292258	27.32	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	378434	26.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	357642	26.76	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	166231	29.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	148577	28.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	339581	25.78	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	474545	29.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1029136	27.50	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1315500	27.21	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	149265	24.30	ng/ul	-0.01
58) Fluorene-d10	15.37	176	910944	27.89	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	91511	21.76	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1372765	27.77	ng/ul	0.00
79) Pyrene-d10	19.52	212	1512806	27.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1710765	27.41	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	7626	1.530 ng/uL#	67
4) Benzaldehyde	6.89	77	46297	4.763 ng/ul	94
6) Phenol	6.93	94	62505	3.625 ng/ul	100
8) Bis(2-Chloroethyl)ether	7.17	93	48059	3.620 ng/ul	94
10) 2-Chlorophenol	7.30	128	50260	3.550 ng/ul	97
11) 2-Methylphenol	8.18	108	41426	3.206 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	75096	3.577 ng/ul#	96
14) Acetophenone	8.55	105	75033	3.622 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	35040	3.380 ng/ul	91
16) 4-Methylphenol	8.50	108	47451	3.474 ng/ul	92
17) Hexachloroethane	8.81	117	19456	3.499 ng/ul	87
20) Nitrobenzene	8.93	77	54451	3.775 ng/ul	90
21) Isophorone	9.45	82	92546	3.228 ng/ul	96
23) 2-Nitrophenol	9.63	139	22248	3.717 ng/ul	95
24) 2,4-Dimethylphenol	9.70	107	51758	3.351 ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.94	93	62870	3.548 ng/ul#	96
27) 2,4-Dichlorophenol	10.16	162	45423	3.588 ng/ul#	88
28) Naphthalene	10.56	128	162310	3.637 ng/ul	98
30) 4-Chloroaniline	10.67	127	44989	2.827 ng/ul	96
31) Hexachlorobutadiene	10.85	225	30931	3.620 ng/ul	97
32) Caprolactam	11.45	113	9763	2.439 ng/ul	94
33) 4-Chloro-3-methylphenol	11.80	107	40780	3.074 ng/ul	89
34) 2-Methylnaphthalene	12.19	142	113625	3.613 ng/ul	99

Data File : BM016730.D
Acq On : 11 Sep 2018 19:43
Operator : SJ/JU
Sample : MDL-S-05
Misc : 4ppm/1ppm
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-05

Quant Time: Sep 12 01:10:51 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)
35) 1-Methylnaphthalene	12.19	142	113625	3.613	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	59251	3.701	ng/ul	97
38) Hexachlorocyclopentadiene	12.53	237	31459	3.156	ng/ul#	96
39) 2,4,6-Trichlorophenol	12.80	196	27007	2.963	ng/ul	94
40) 2,4,5-Trichlorophenol	12.86	196	30491	3.065	ng/ul	99
41) 1,1'-Biphenyl	13.20	154	142758	3.682	ng/ul	95
42) 2-Chloronaphthalene	13.25	162	111498	3.674	ng/ul	99
43) 2-Nitroaniline	13.45	65	20474	3.063	ng/ul	88
45) Dimethylphthalate	13.84	163	132458	3.621	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	16402	2.920	ng/ul	93
48) Acenaphthylene	14.09	152	165769	3.623	ng/ul	99
49) 3-Nitroaniline	14.27	138	16298	2.668	ng/ul#	88
50) Acenaphthene	14.44	153	118449	3.646	ng/ul	98
51) 2,4-Dinitrophenol	14.48	184	5915	2.354	ng/ul	93
53) 4-Nitrophenol	14.58	109	16371	3.459	ng/ul#	71
54) Dibenzofuran	14.77	168	167036	3.748	ng/ul	97
55) 2,4-Dinitrotoluene	14.74	165	25858	3.130	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.00	232	23777	2.955	ng/ul#	81
57) Diethylphthalate	15.21	149	125047	3.451	ng/ul	94
59) Fluorene	15.43	166	135815	3.709	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	70413	3.793	ng/ul	93
61) 4-Nitroaniline	15.43	138	20271	2.701	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.50	198	14443	3.062	ng/ul#	86
65) N-Nitrosodiphenylamine	15.64	169	113234	3.573	ng/ul	98
66) 4-Bromophenyl-phenylether	16.32	248	40110	3.460	ng/ul	93
67) Hexachlorobenzene	16.42	284	45912	3.680	ng/ul#	91
68) Atrazine	16.59	200	32930	2.940	ng/ul	99
69) Pentachlorophenol	16.77	266	16574	2.457	ng/ul	96
70) Phenanthrene	17.16	178	215018	3.778	ng/ul	99
72) Anthracene	17.26	178	217146	3.716	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	62072	3.660	ng/uL	96
74) Pentachlorobenzene	14.69	250	56503	3.694	ng/uL	96
75) Carbazole	17.52	167	173447	3.377	ng/ul	98
76) Di-n-butylphthalate	18.11	149	170121	2.847	ng/ul	98
77) Fluoranthene	19.18	202	231642	3.551	ng/ul#	93
80) Pyrene	19.54	202	257377	3.677	ng/ul#	88
81) Butylbenzylphthalate	20.46	149	65800	2.542	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.23	252	59139	2.619	ng/ul#	95
83) Benzo(a)anthracene	21.29	228	250287	3.547	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	100443	2.469	ng/ul#	95
85) Chrysene	21.34	228	242106	3.679	ng/ul	99
87) Di-n-octyl phthalate	22.14	149	160256	2.229	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	237289	3.314	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	243080	3.535	ng/ul#	95
91) Benzo(a)pyrene	23.46	252	246376	3.609	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.80	276	273419	3.358	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.82	278	234252	3.439	ng/ul#	94
94) Benzo(g,h,i)perylene	26.48	276	233001	3.451	ng/ul#	91

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

Data File : BM016730.D
Acq On : 11 Sep 2018 19:43
Operator : SJ/JU
Sample : MDL-S-05
Misc : 4ppm/1ppm
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-05

Quant Time: Sep 12 01:10:51 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)

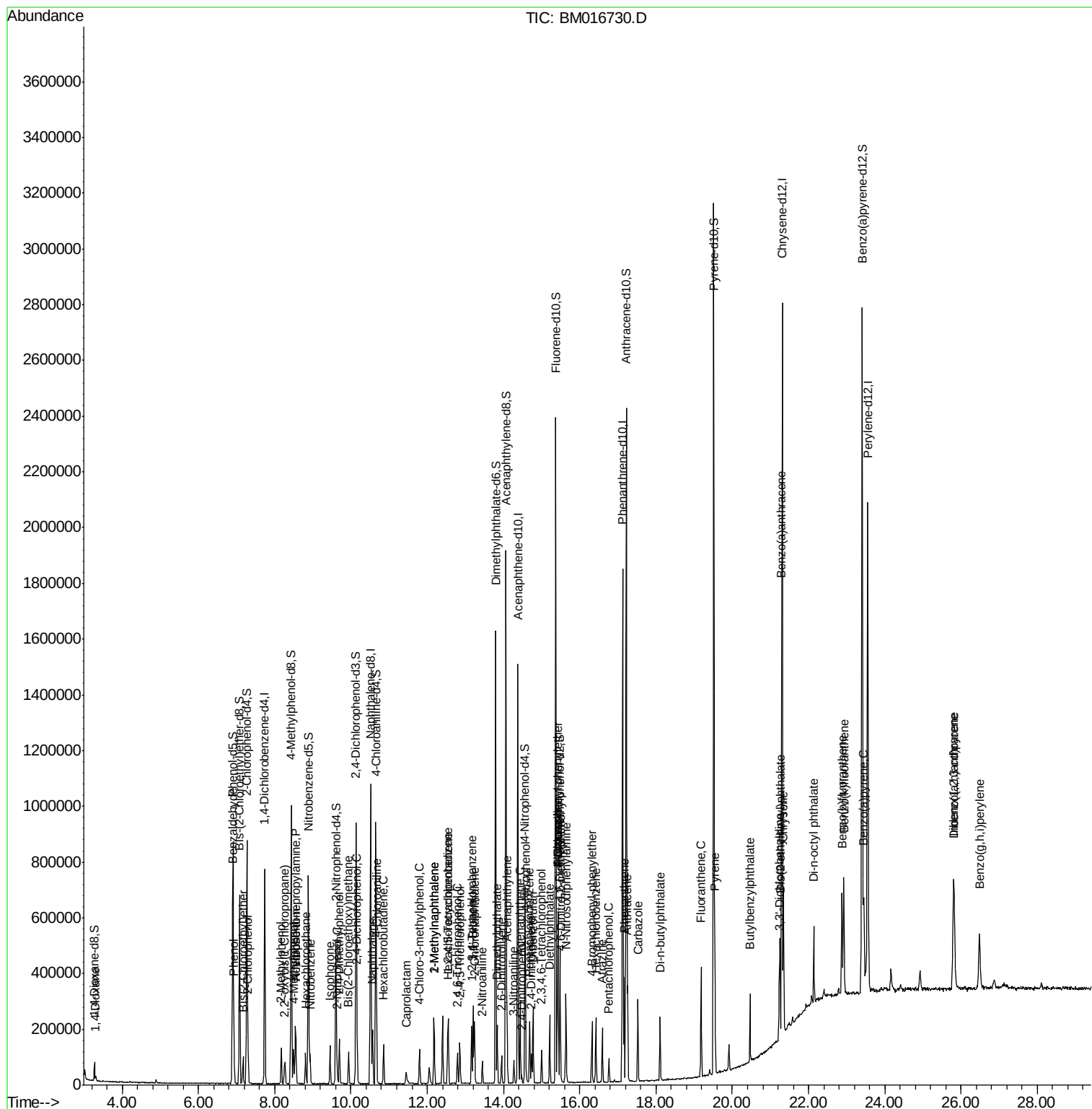
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

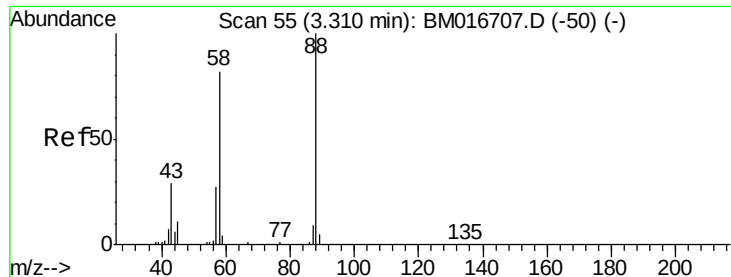
Data File : BM016730.D

```
Acq On       : 11 Sep 2018   19:43
Operator     : SJ/JU
Sample       : MDL-S-05
Misc         : 4ppm/1ppm
ALS Vial     : 17           Sample Multip
```

Instrument :
BNA_M
ClientSampleId :
MDL-S-05

Quant Time: Sep 12 01:10:51 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





#2

1,4-Dioxane

Concen: 1.530 ng/uL

RT: 3.30 min Scan# 54

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

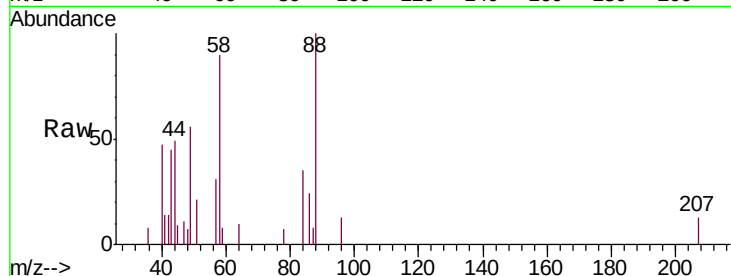
Tgt Ion: 88 Resp: 7626

Ion Ratio Lower Upper

88 100

43 45.2 29.0 43.4#

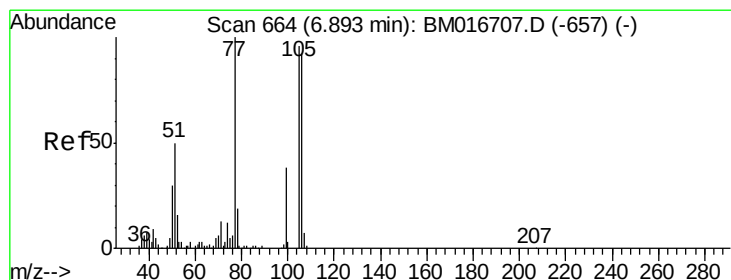
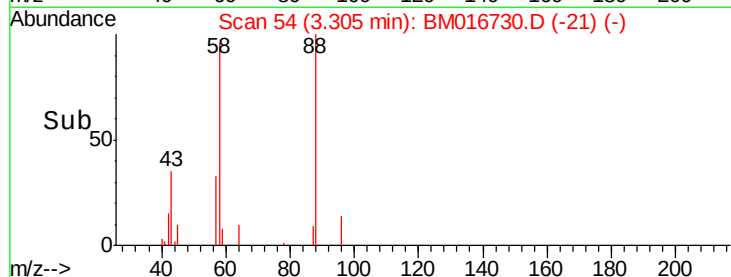
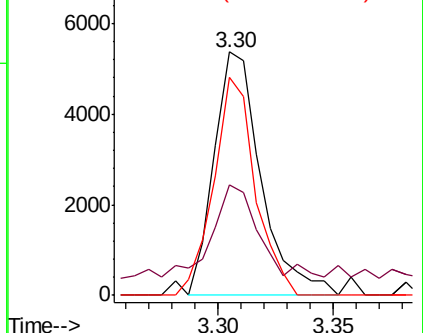
58 89.7 45.9 68.9#



Abundance Ion 88.00 (87.70 to 88.70): BM016730.D (-50) (-)

Ion 43.00 (42.70 to 43.70): BM016730.D (-50) (-)

Ion 58.00 (57.70 to 58.70): BM016730.D (-50) (-)



#4

Benzaldehyde

Concen: 4.763 ng/uL

RT: 6.89 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

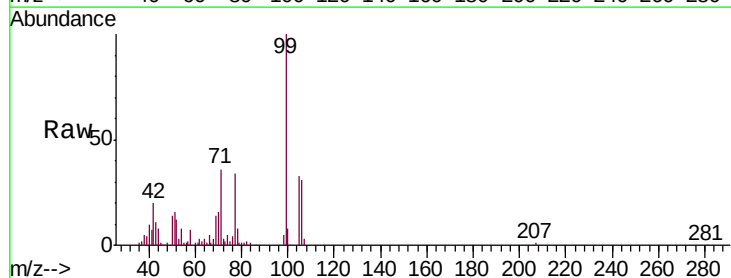
Tgt Ion: 77 Resp: 46297

Ion Ratio Lower Upper

77 100

105 96.7 71.0 106.6

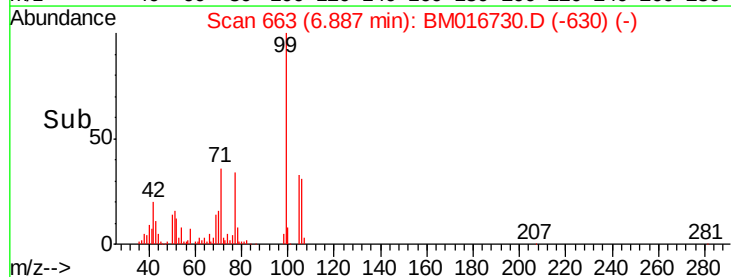
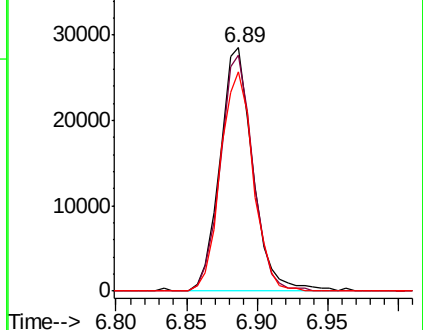
106 89.9 69.5 104.3

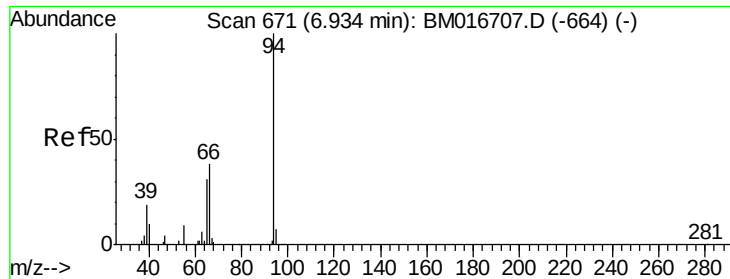


Abundance Ion 77.00 (76.70 to 77.70): BM016730.D (-630) (-)

Ion 105.00 (104.70 to 105.70): BM016730.D (-630) (-)

Ion 106.00 (105.70 to 106.70): BM016730.D (-630) (-)





#6

Phenol

Concen: 3.625 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

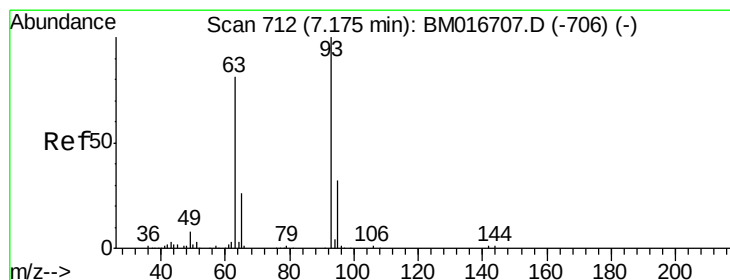
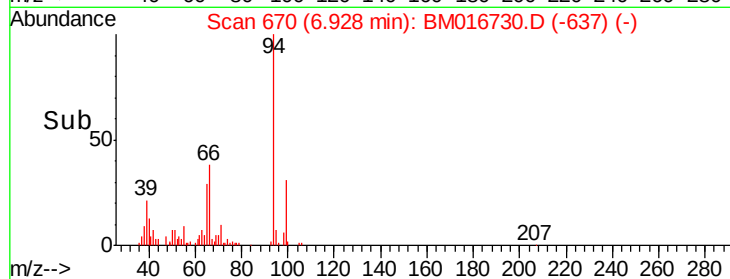
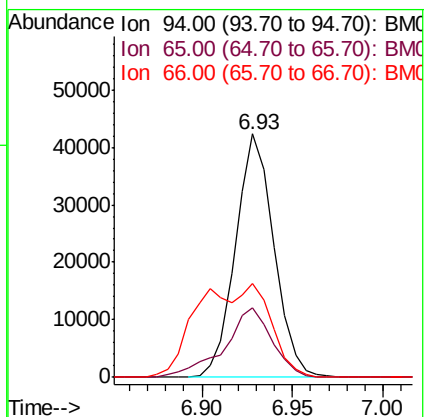
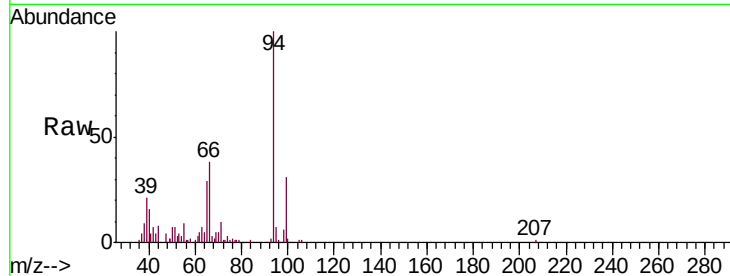
Tgt Ion: 94 Resp: 62505

Ion Ratio Lower Upper

94 100

65 28.7 23.0 34.6

66 38.3 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 3.620 ng/ul

RT: 7.17 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

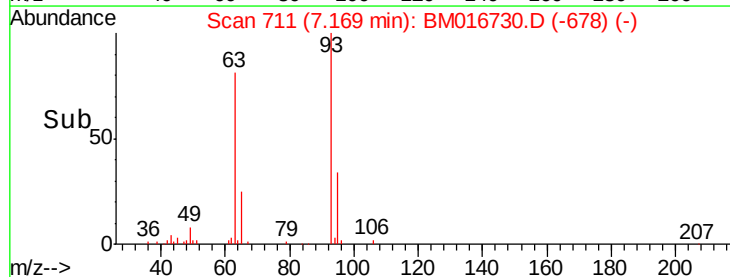
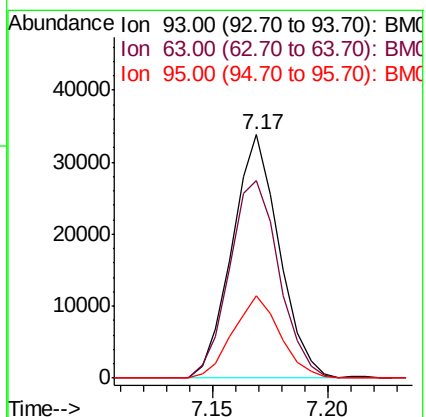
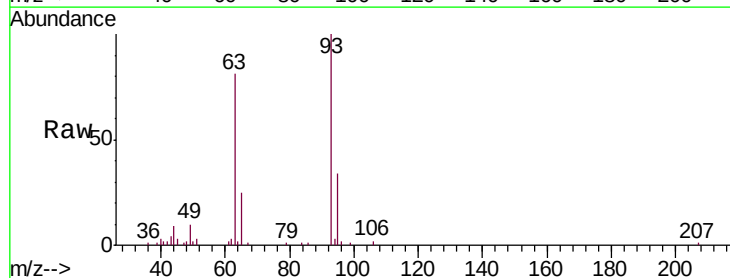
Tgt Ion: 93 Resp: 48059

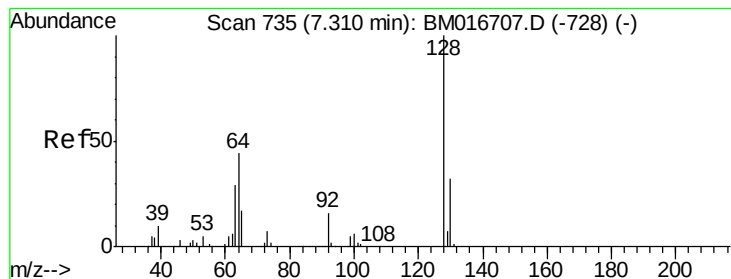
Ion Ratio Lower Upper

93 100

63 81.0 59.4 89.2

95 33.8 26.4 39.6





#10

2-Chlorophenol

Concen: 3.550 ng/ul

RT: 7.30 min Scan# 733

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

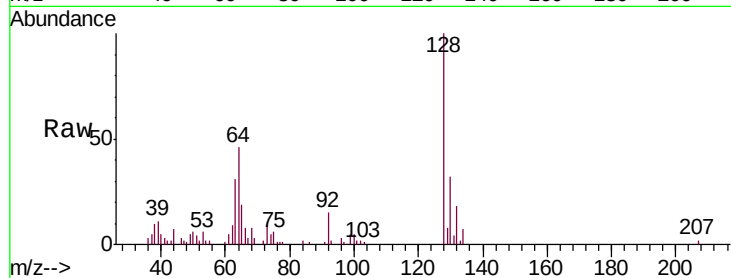
Tgt Ion:128 Resp: 50260

Ion Ratio Lower Upper

128 100

64 46.4 39.8 59.6

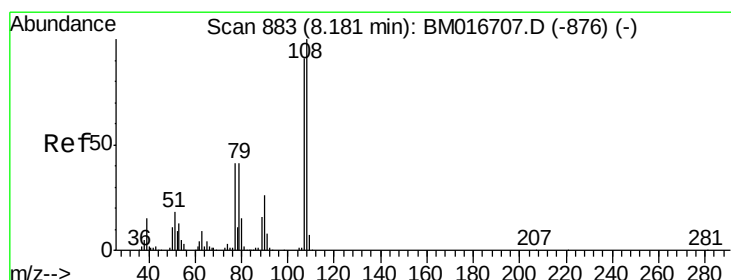
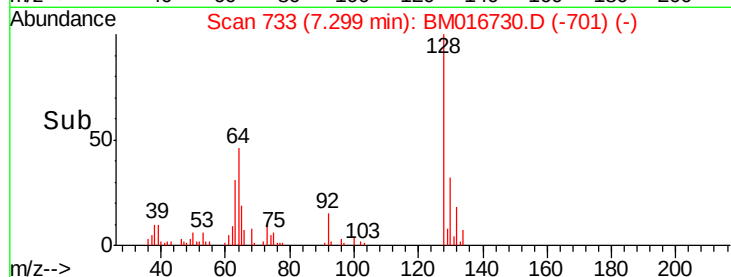
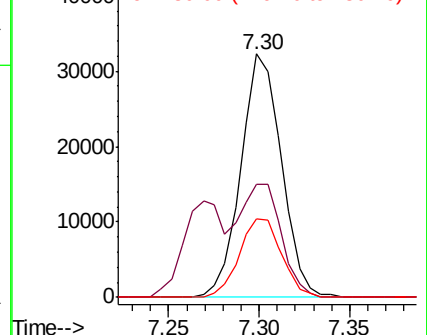
130 32.1 25.8 38.8



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: 3.206 ng/ul

RT: 8.18 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM016730.D

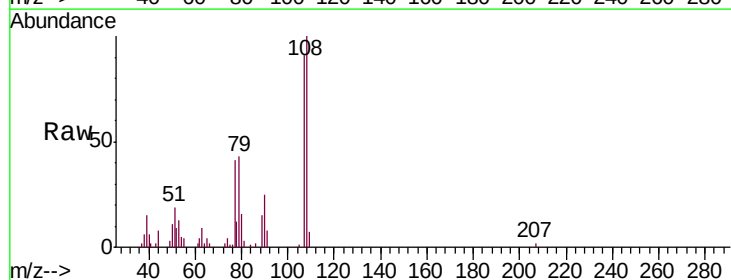
Acq: 11 Sep 2018 19:43

Tgt Ion:108 Resp: 41426

Ion Ratio Lower Upper

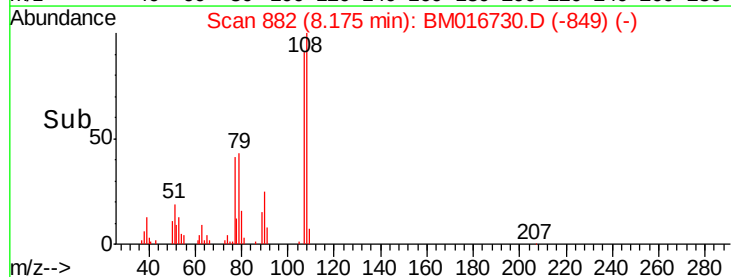
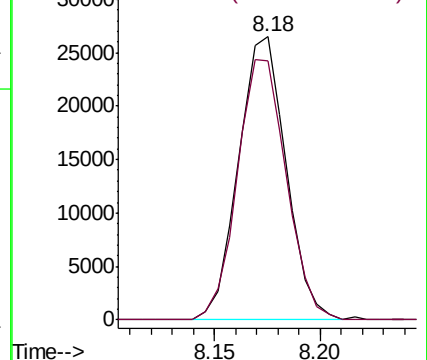
108 100

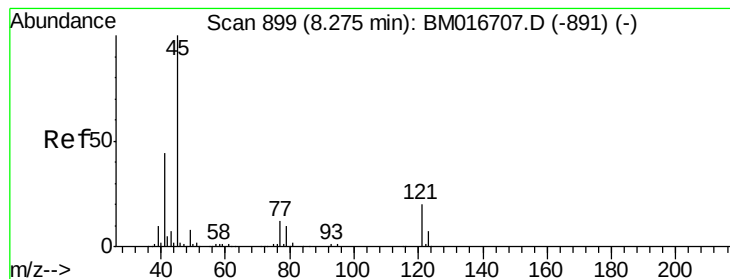
107 91.4 74.1 111.1



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: 3.577 ng/ul

RT: 8.26 min Scan# 897

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

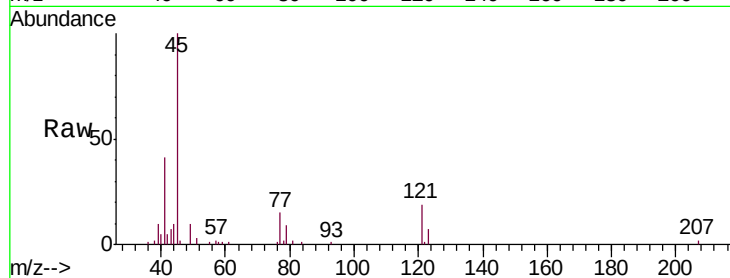
Tgt Ion: 45 Resp: 75096

Ion Ratio Lower Upper

45 100

77 14.6 12.5 18.7

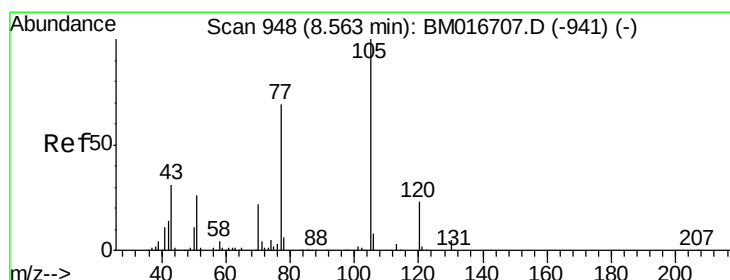
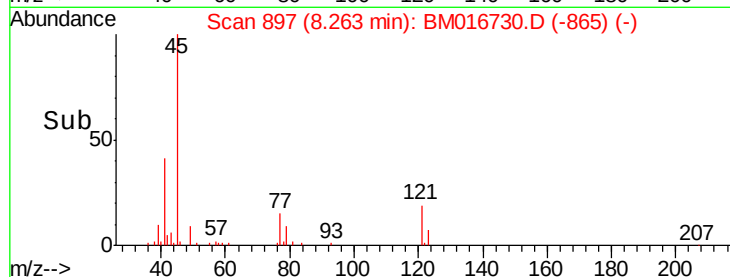
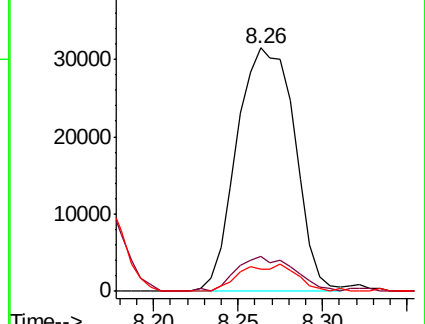
79 9.1 9.4 14.2#



Abundance Ion 45.00 (44.70 to 45.70): BM016730.D (-891) (-)

Ion 77.00 (76.70 to 77.70): BM016730.D (-891) (-)

Ion 79.00 (78.70 to 79.70): BM016730.D (-891) (-)



#14

Acetophenone

Concen: 3.622 ng/ul

RT: 8.55 min Scan# 946

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

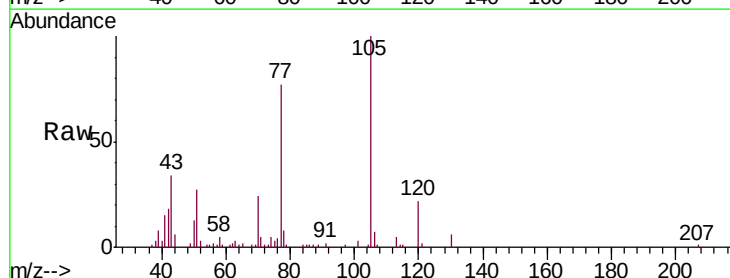
Tgt Ion: 105 Resp: 75033

Ion Ratio Lower Upper

105 100

77 77.1 63.2 94.8

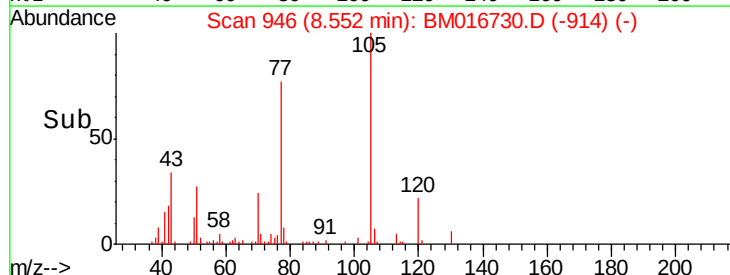
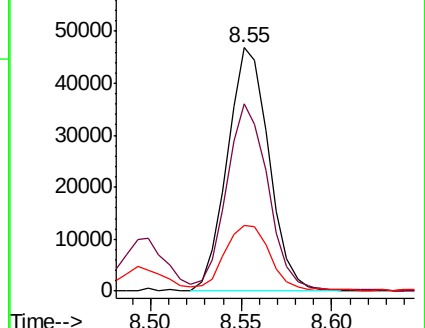
51 27.2 19.8 29.8

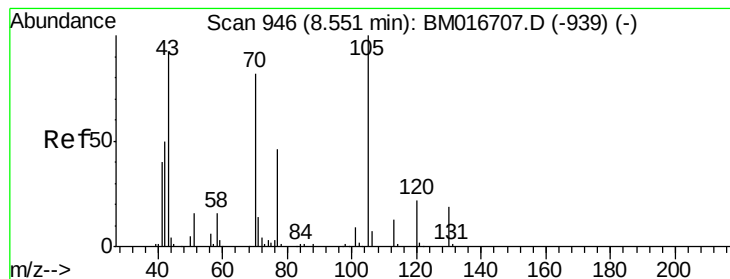


Abundance Ion 105.00 (104.70 to 105.70): BM016730.D (-914) (-)

Ion 77.00 (76.70 to 77.70): BM016730.D (-914) (-)

Ion 51.00 (50.70 to 51.70): BM016730.D (-914) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 3.380 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

Tgt Ion: 70 Resp: 35040

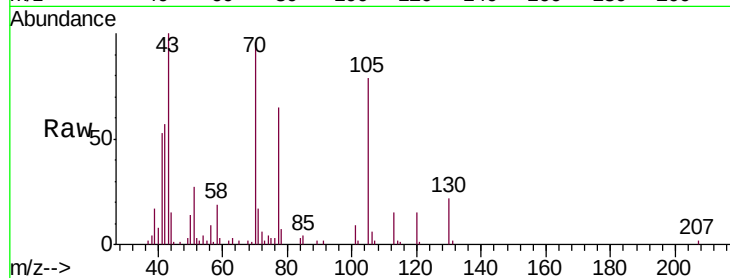
Ion Ratio Lower Upper

70 100

42 59.5 40.2 60.4

101 9.3 7.7 11.5

130 23.2 17.8 26.6



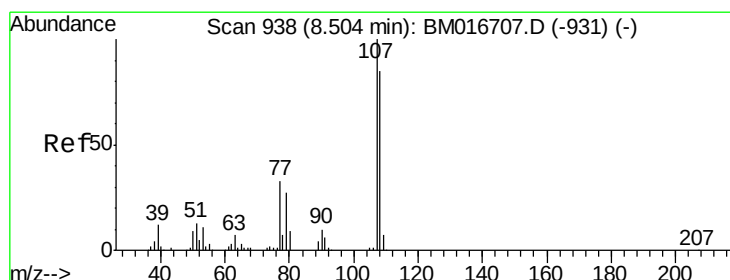
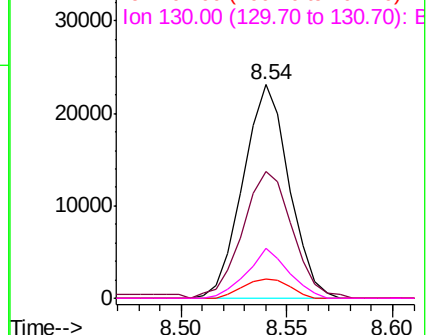
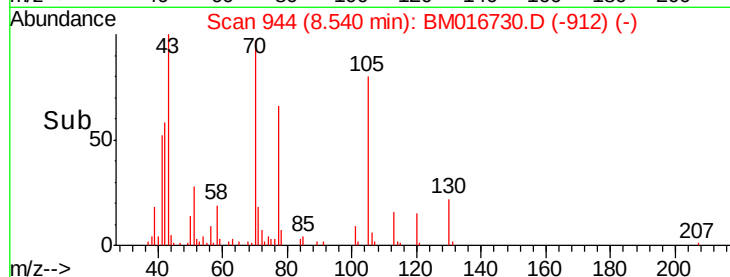
Abundance

Ion 70.00 (69.70 to 70.70): BM016730.D (-912) (-)

Ion 42.00 (41.70 to 42.70): BM016730.D (-912) (-)

Ion 101.00 (100.70 to 101.70): BM016730.D (-912) (-)

Ion 130.00 (129.70 to 130.70): BM016730.D (-912) (-)



#16

4-Methylphenol

Concen: 3.474 ng/ul

RT: 8.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BM016730.D

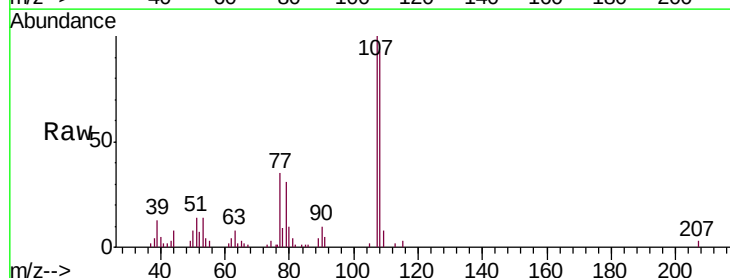
Acq: 11 Sep 2018 19:43

Tgt Ion: 108 Resp: 47451

Ion Ratio Lower Upper

108 100

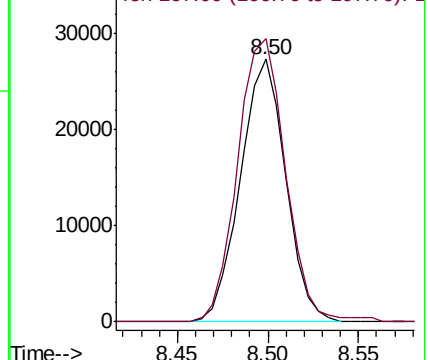
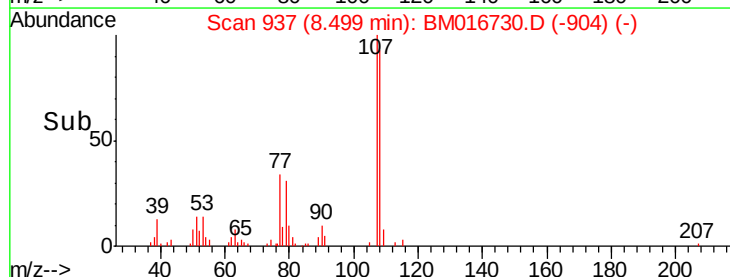
107 107.8 93.6 140.4

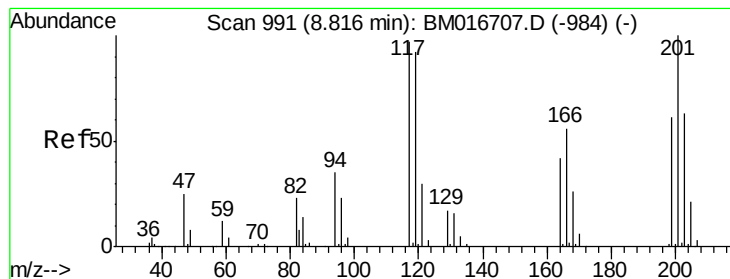


Abundance

Ion 108.00 (107.70 to 108.70): BM016730.D (-904) (-)

Ion 107.00 (106.70 to 107.70): BM016730.D (-904) (-)





#17

Hexachloroethane

Concen: 3.499 ng/ul

RT: 8.81 min Scan# 990

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

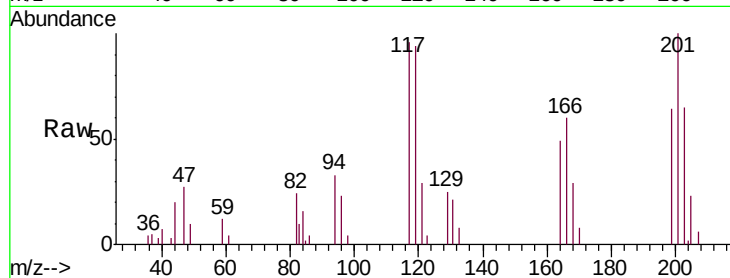
Tgt Ion:117 Resp: 19456

Ion Ratio Lower Upper

117 100

201 103.7 96.1 144.1

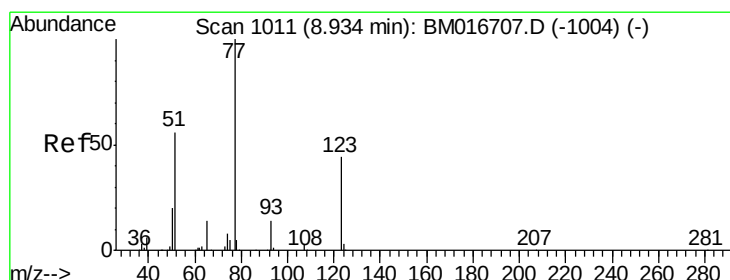
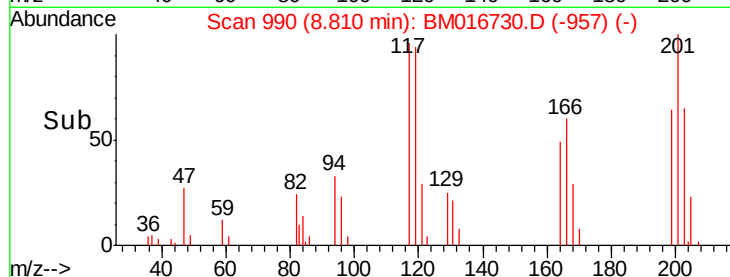
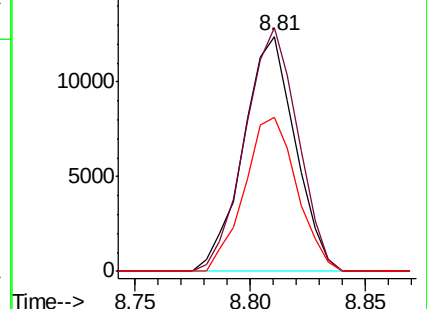
199 65.8 59.7 89.5



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: 3.775 ng/ul

RT: 8.93 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

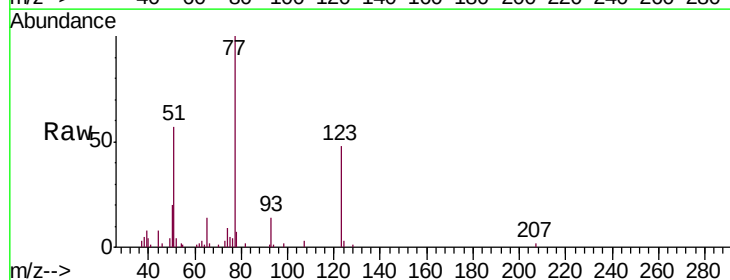
Tgt Ion: 77 Resp: 54451

Ion Ratio Lower Upper

77 100

123 47.6 31.8 47.8

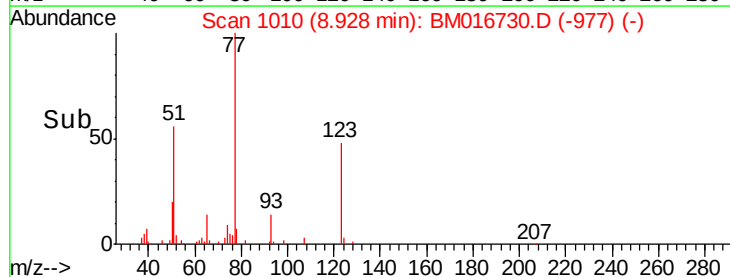
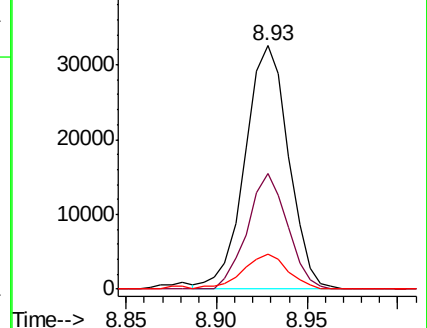
65 14.3 10.6 16.0

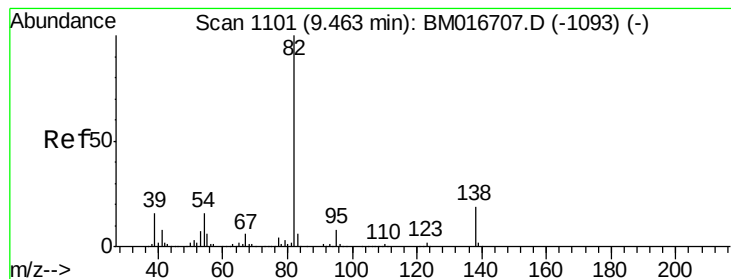


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 3.228 ng/ul

RT: 9.45 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

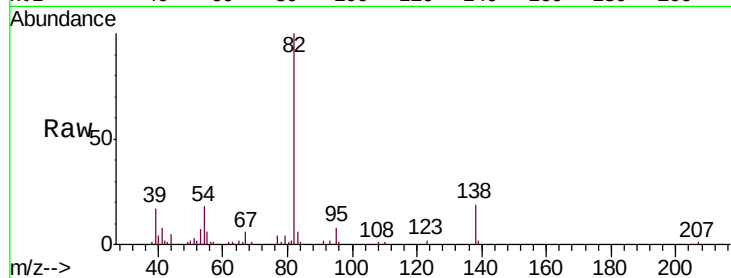
Tgt Ion: 82 Resp: 92546

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

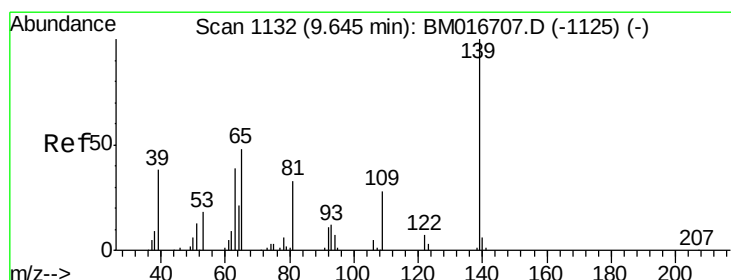
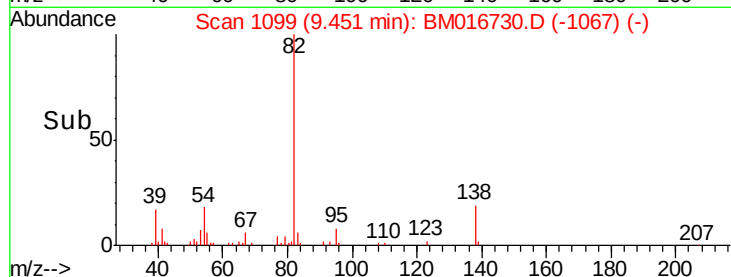
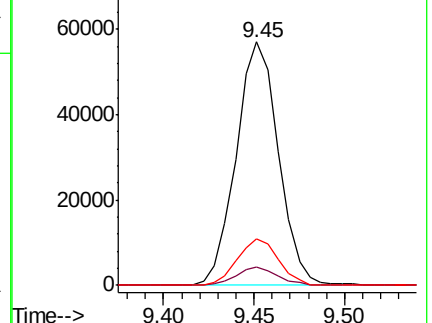
138 19.2 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BM016730.D (-1093) (-)

Ion 95.00 (94.70 to 95.70): BM016730.D (-1093) (-)

Ion 138.00 (137.70 to 138.70): BM016730.D (-1093) (-)



#23

2-Nitrophenol

Concen: 3.717 ng/ul

RT: 9.63 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

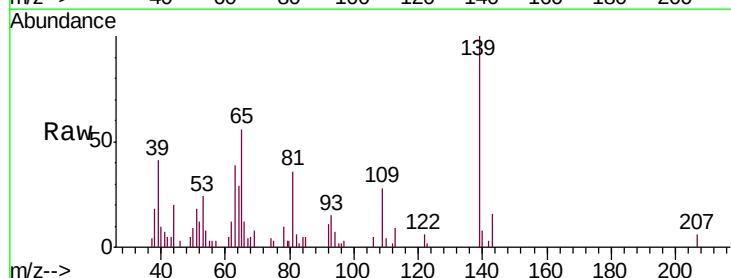
Tgt Ion: 139 Resp: 22248

Ion Ratio Lower Upper

139 100

65 55.9 45.3 67.9

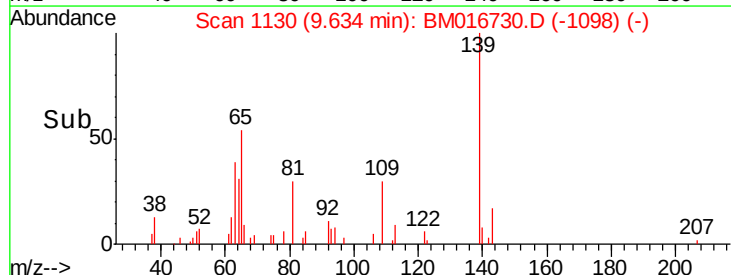
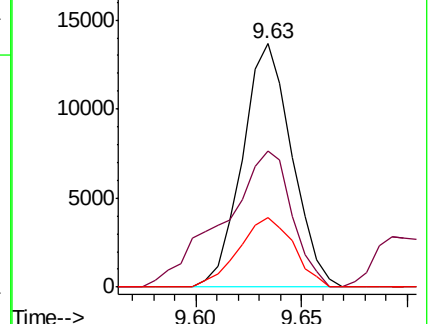
109 28.3 27.7 41.5

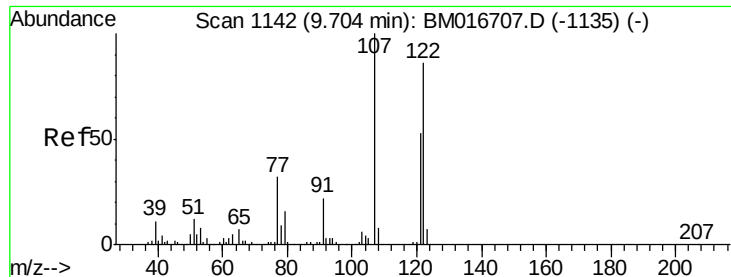


Abundance Ion 139.00 (138.70 to 139.70): BM016730.D (-1098) (-)

Ion 65.00 (64.70 to 65.70): BM016730.D (-1098) (-)

Ion 109.00 (108.70 to 109.70): BM016730.D (-1098) (-)





#24

2,4-Dimethylphenol

Concen: 3.351 ng/ul

RT: 9.70 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

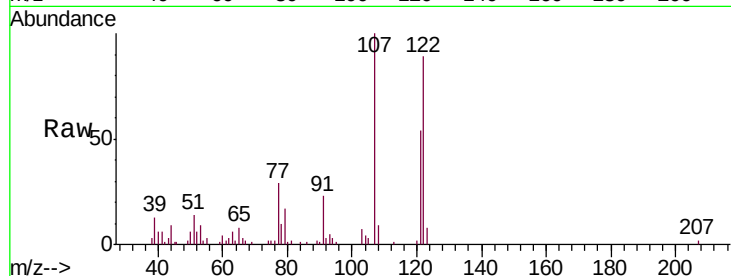
Tgt Ion: 107 Resp: 51758

Ion Ratio Lower Upper

107 100

121 53.9 38.1 57.1

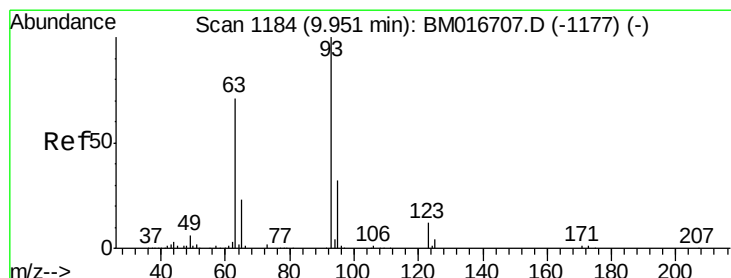
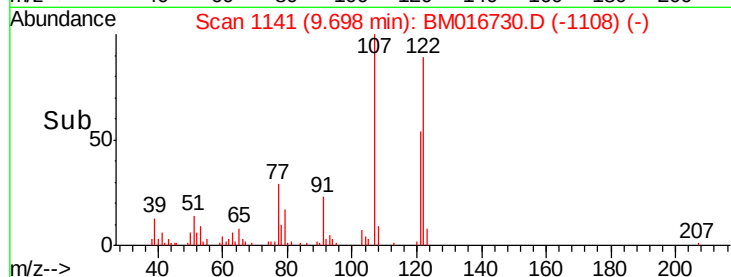
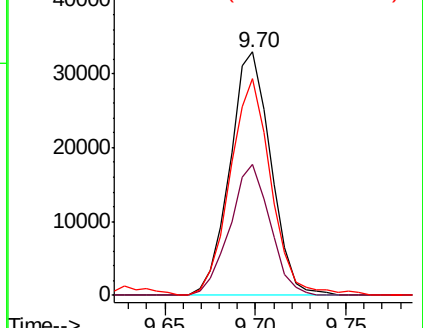
122 88.9 63.8 95.8



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: 3.548 ng/ul

RT: 9.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

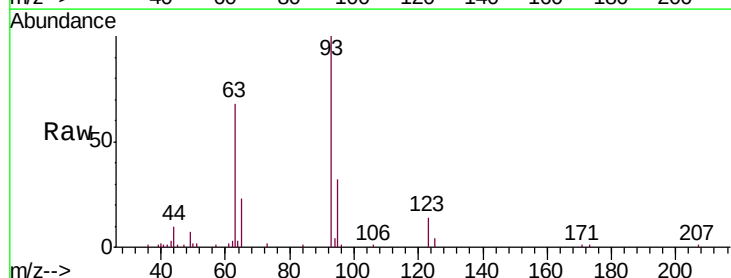
Tgt Ion: 93 Resp: 62870

Ion Ratio Lower Upper

93 100

95 32.1 24.7 37.1

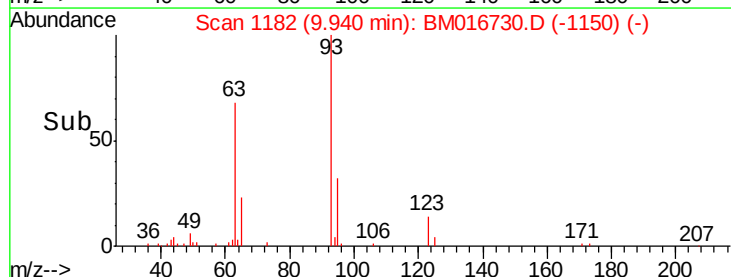
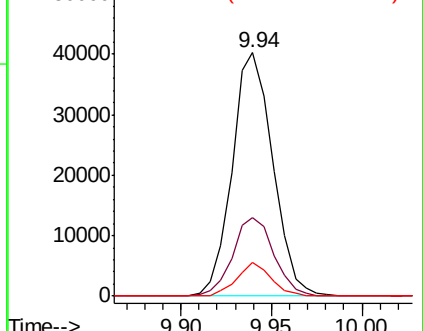
123 13.7 8.2 12.2#

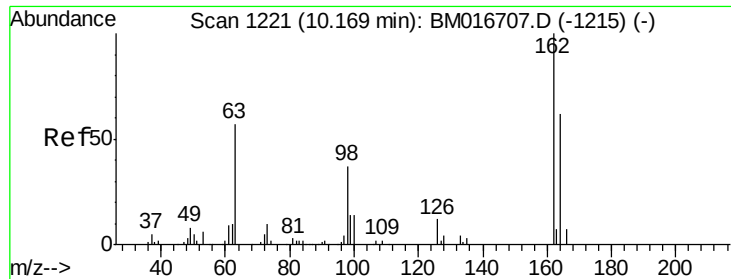


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

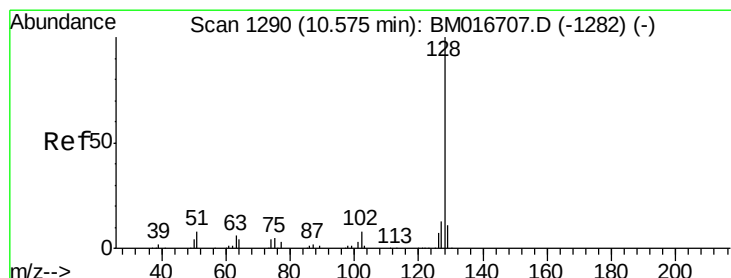
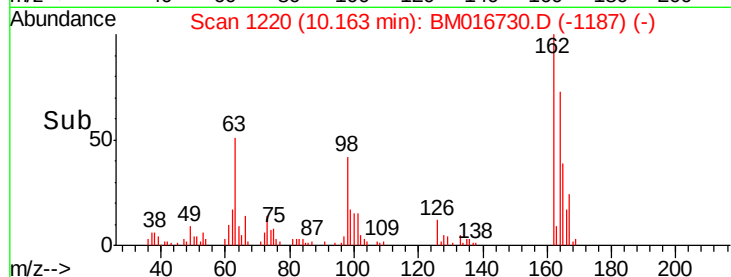
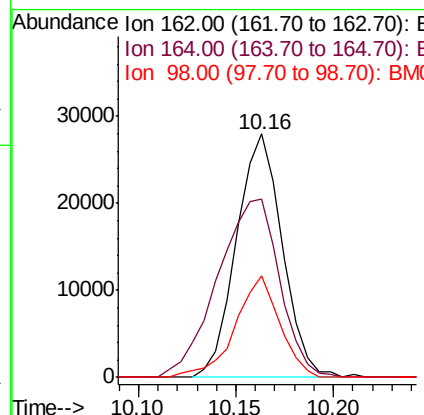
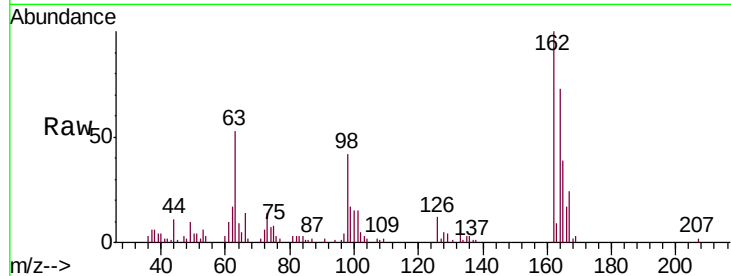




#27
 2,4-Dichlorophenol
 Concen: 3.588 ng/ul
 RT: 10.16 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BM016730.D
 Acq: 11 Sep 2018 19:43

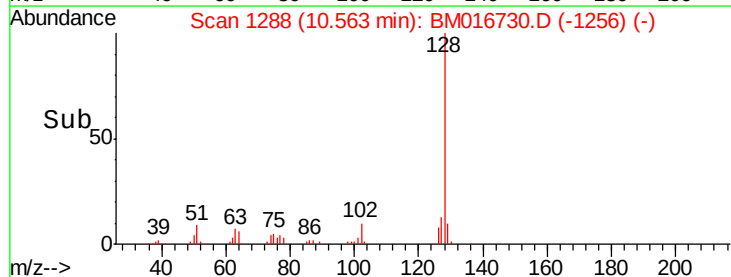
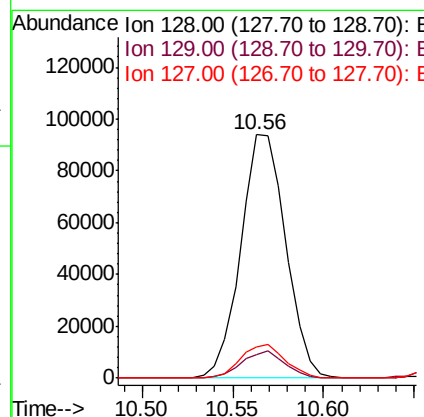
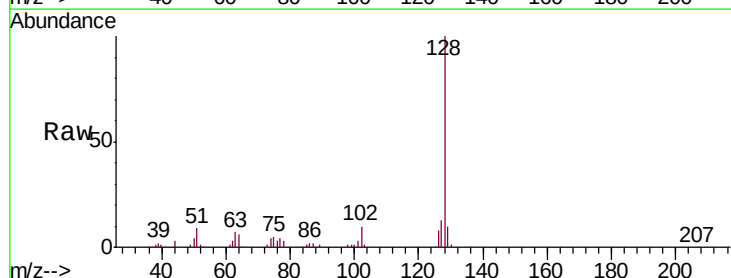
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-05

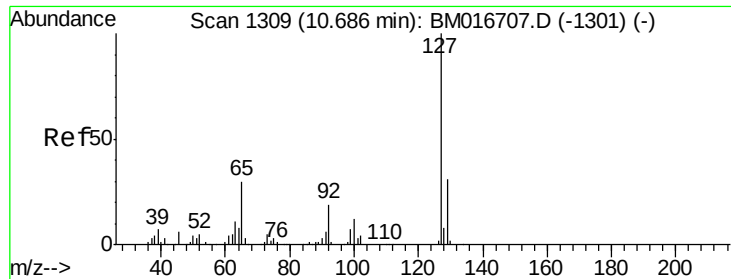
Tgt Ion:162 Resp: 45423
 Ion Ratio Lower Upper
 162 100
 164 73.4 52.0 78.0
 98 41.6 26.6 39.8#



#28
 Naphthalene
 Concen: 3.637 ng/ul
 RT: 10.56 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BM016730.D
 Acq: 11 Sep 2018 19:43

Tgt Ion:128 Resp: 162310
 Ion Ratio Lower Upper
 128 100
 129 9.9 8.3 12.5
 127 12.6 10.8 16.2

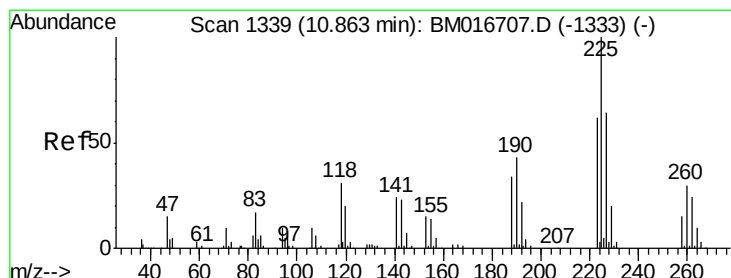
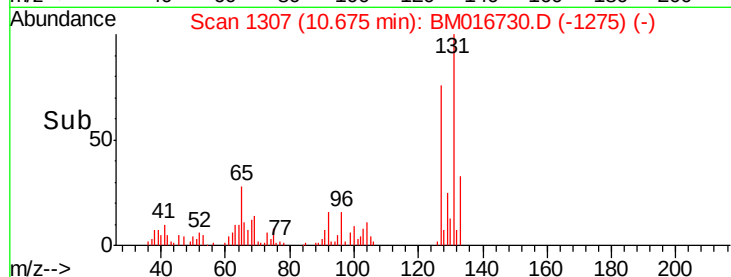
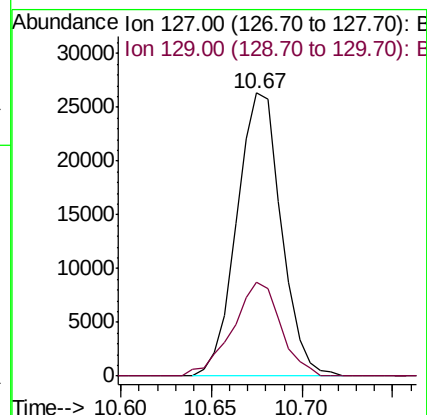
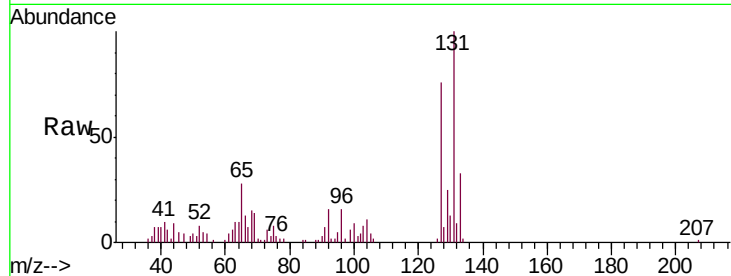




#30
4-Chloroaniline
Concen: 2.827 ng/ul
RT: 10.67 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016730.D
Acq: 11 Sep 2018 19:43

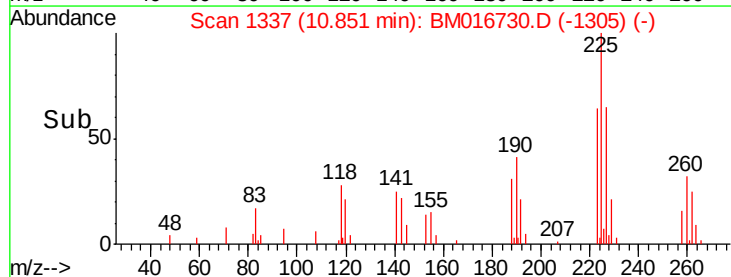
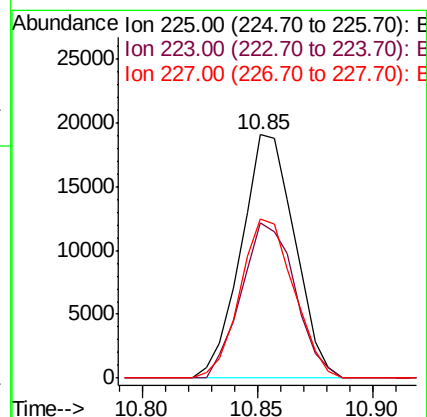
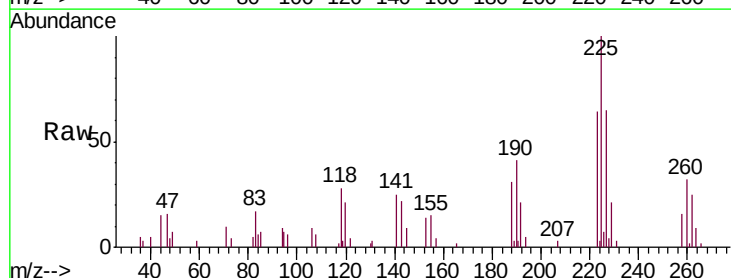
Instrument :
BNA_M
ClientSampleId :
MDL-S-05

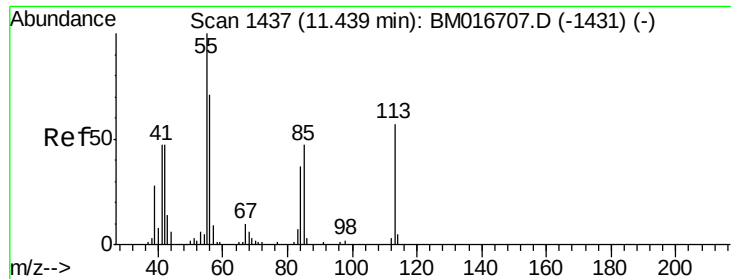
Tgt Ion:127 Resp: 44989
Ion Ratio Lower Upper
127 100
129 33.1 24.6 37.0



#31
Hexachlorobutadiene
Concen: 3.620 ng/ul
RT: 10.85 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BM016730.D
Acq: 11 Sep 2018 19:43

Tgt Ion:225 Resp: 30931
Ion Ratio Lower Upper
225 100
223 63.9 48.1 72.1
227 65.4 52.1 78.1





#32

Caprolactam

Concen: 2.439 ng/ul

RT: 11.45 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

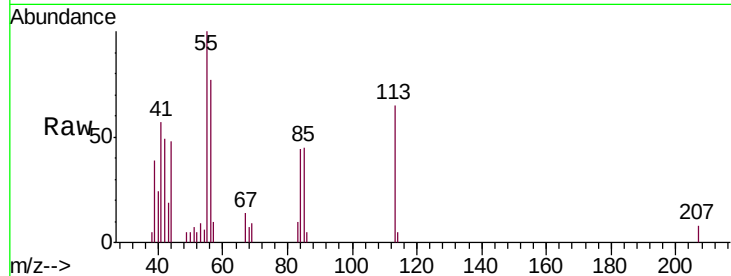
Tgt Ion:113 Resp: 9763

Ion Ratio Lower Upper

113 100

55 153.9 131.7 197.5

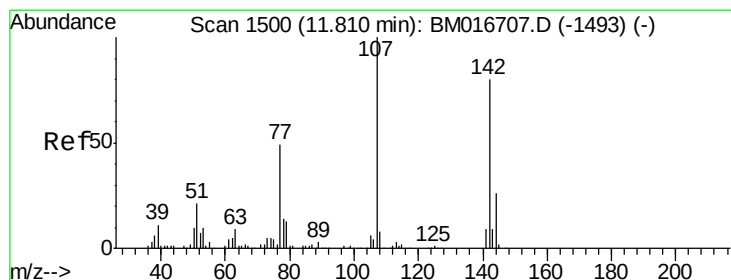
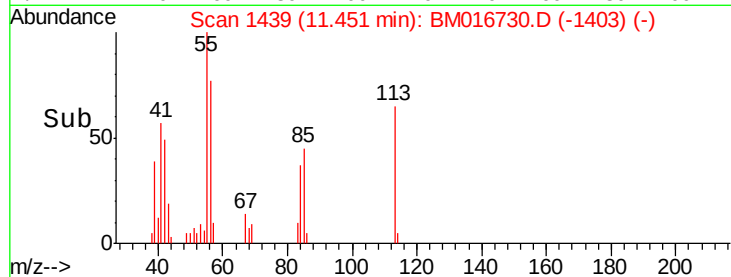
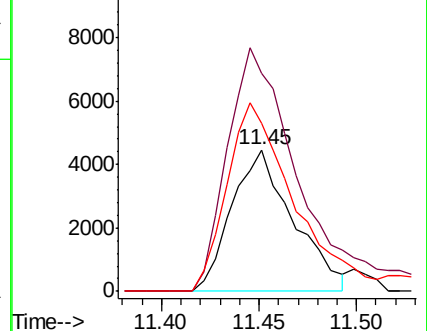
56 118.4 92.7 139.1



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: 3.074 ng/ul

RT: 11.80 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

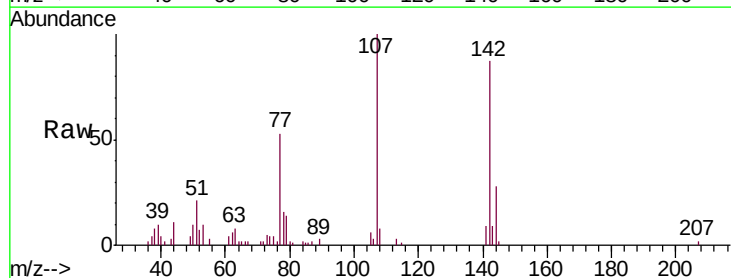
Tgt Ion:107 Resp: 40780

Ion Ratio Lower Upper

107 100

144 28.0 21.1 31.7

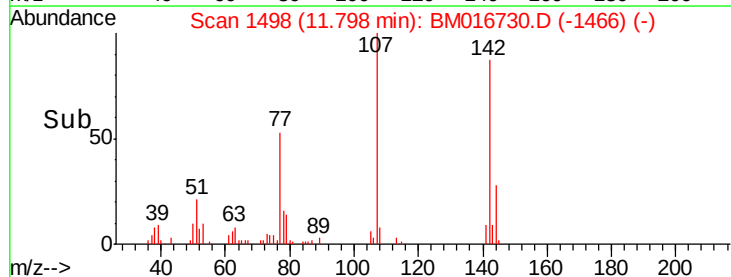
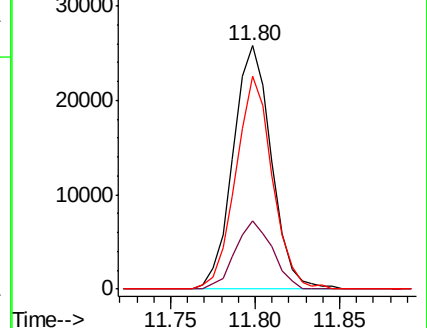
142 87.2 60.1 90.1

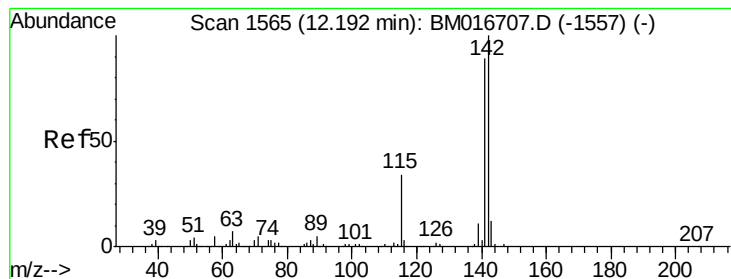


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 3.613 ng/ul

RT: 12.19 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

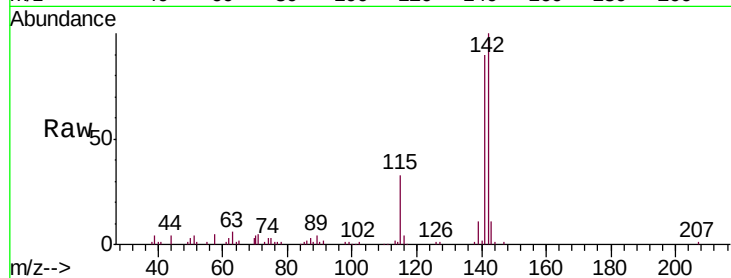
MDL-S-05

Tgt Ion:142 Resp: 113625

Ion Ratio Lower Upper

142 100

141 90.1 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

80000

60000

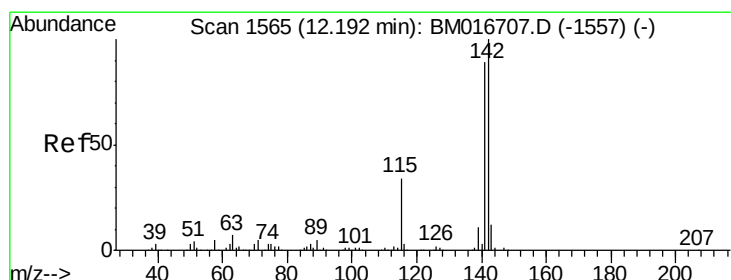
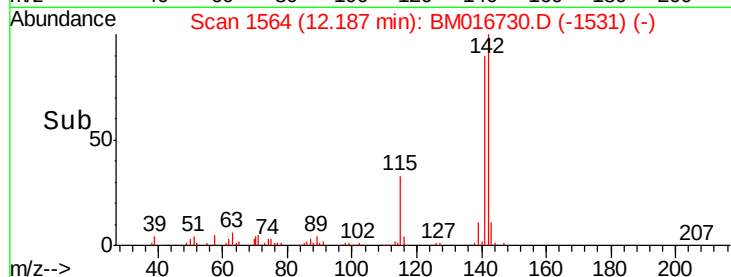
40000

20000

0

12.15 12.20 12.25

12.19



#35

1-Methylnaphthalene

Concen: 3.613 ng/ul

RT: 12.19 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

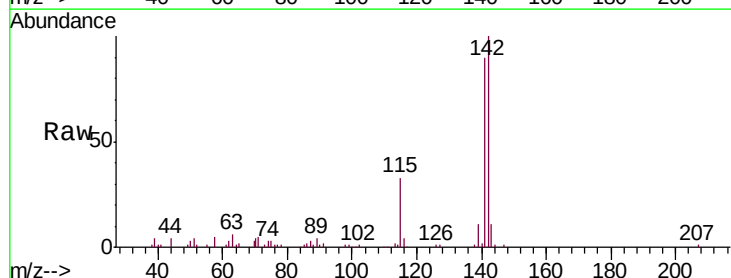
Tgt Ion:142 Resp: 113625

Ion Ratio Lower Upper

142 100

141 90.1 76.6 115.0

116 3.8 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

80000

60000

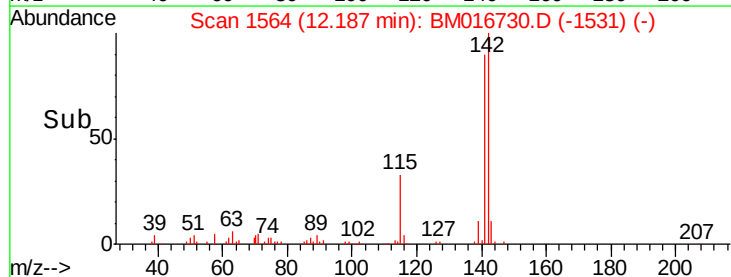
40000

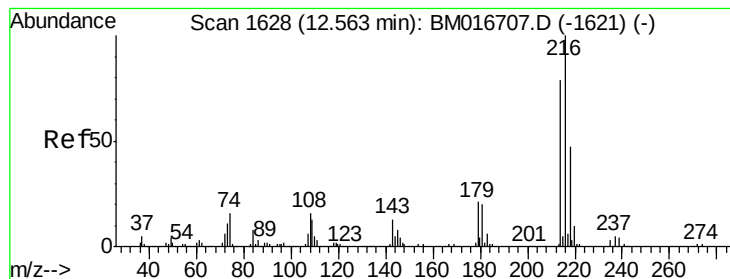
20000

0

12.15 12.20 12.25

12.19





#37

1,2,4,5-Tetrachlorobenzene

Concen: 3.701 ng/ul

RT: 12.55 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

Tgt Ion:216 Resp: 59251

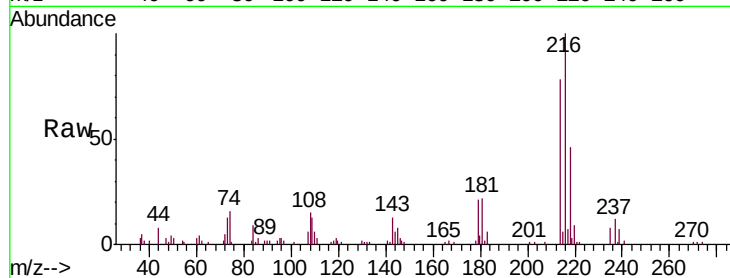
Ion Ratio Lower Upper

216 100

214 77.9 64.1 96.1

179 20.5 14.5 21.7

108 14.7 10.4 15.6

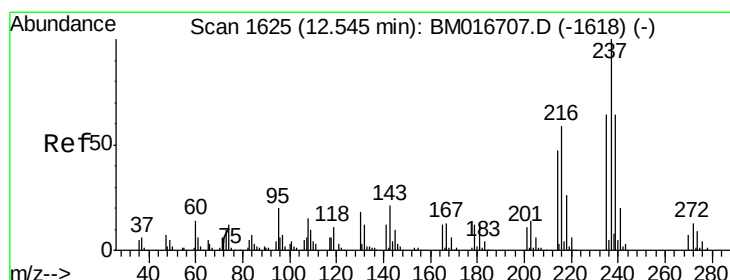
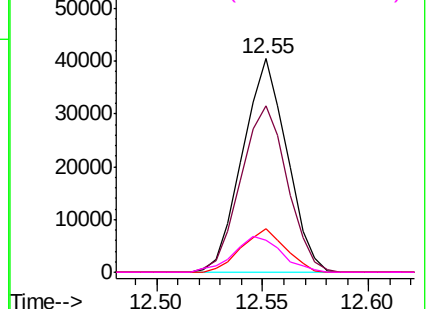
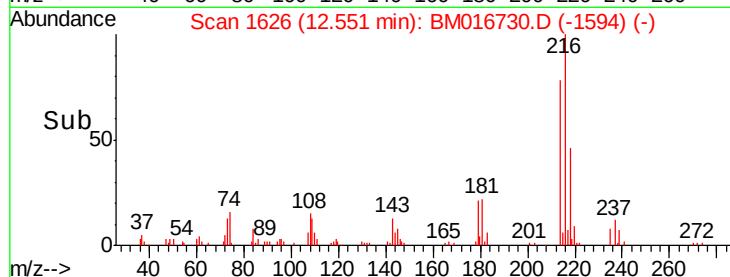


Abundance Ion 216.00 (215.70 to 216.70): E

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: 3.156 ng/ul

RT: 12.53 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

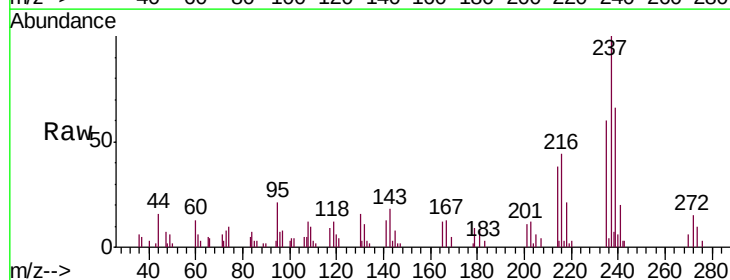
Tgt Ion:237 Resp: 31459

Ion Ratio Lower Upper

237 100

235 59.7 49.5 74.3

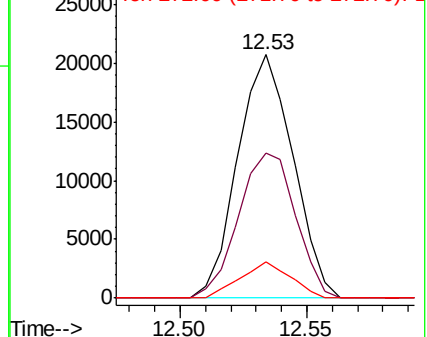
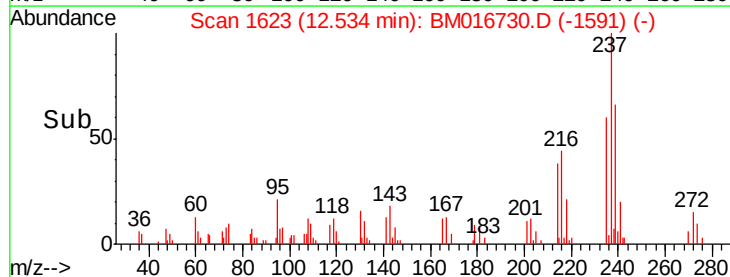
272 15.0 8.6 12.8#

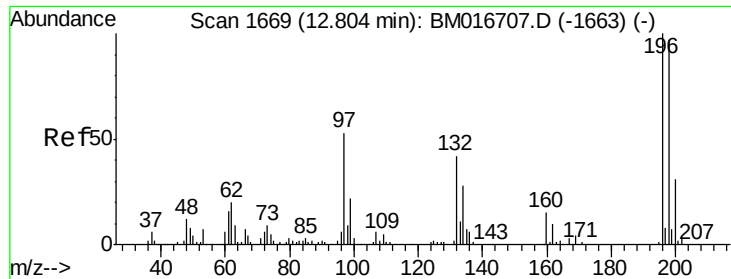


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

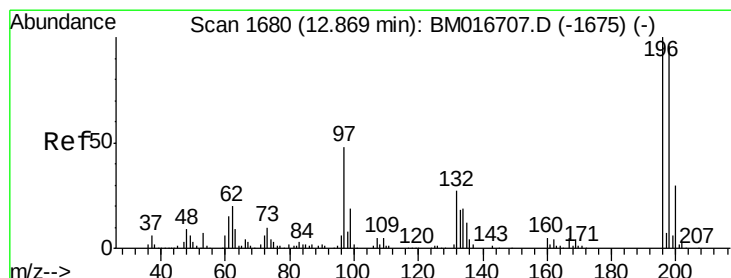
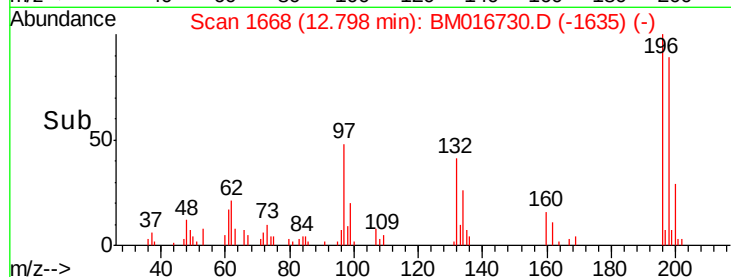
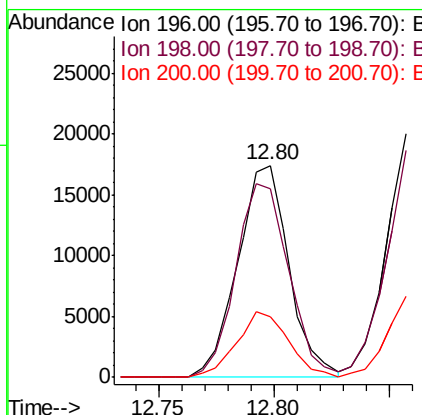
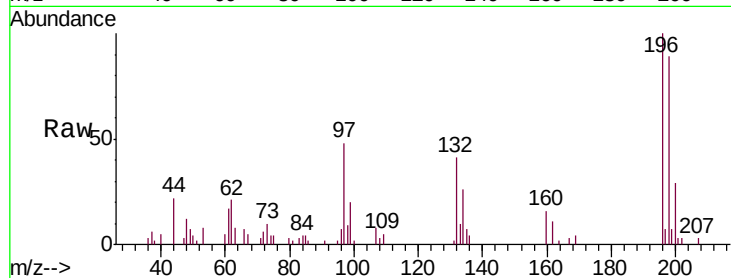




#39
 2,4,6-Trichlorophenol
 Concen: 2.963 ng/ul
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM016730.D
 Acq: 11 Sep 2018 19:43

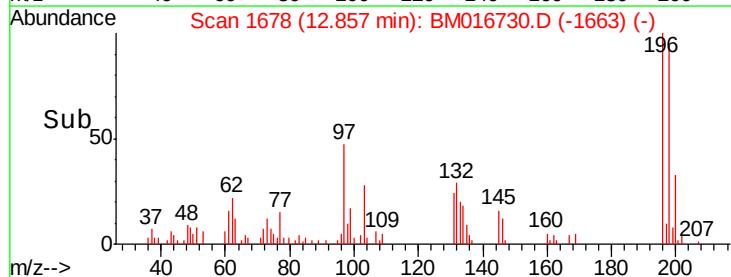
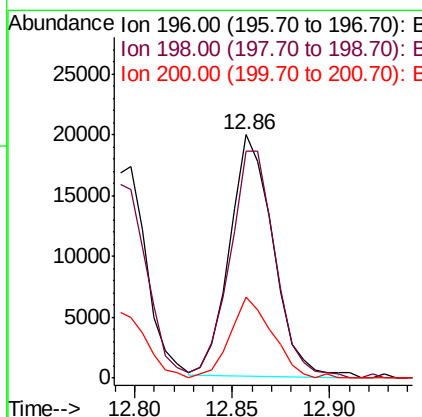
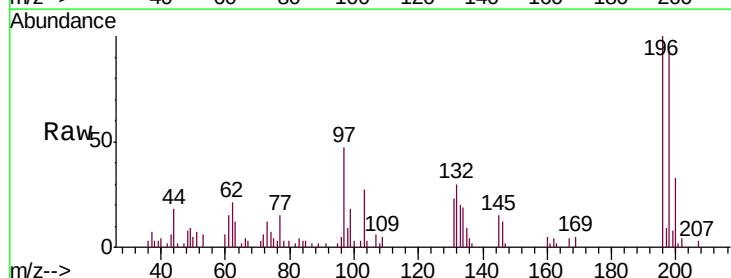
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-05

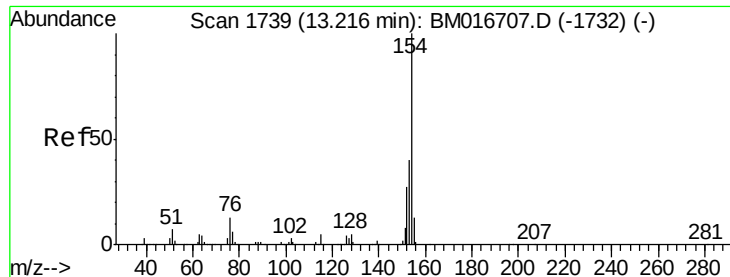
Tgt Ion:196 Resp: 27007
 Ion Ratio Lower Upper
 196 100
 198 88.7 75.9 113.9
 200 28.7 25.8 38.6



#40
 2,4,5-Trichlorophenol
 Concen: 3.065 ng/ul
 RT: 12.86 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM016730.D
 Acq: 11 Sep 2018 19:43

Tgt Ion:196 Resp: 30491
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.7 112.1
 200 33.4 25.4 38.0

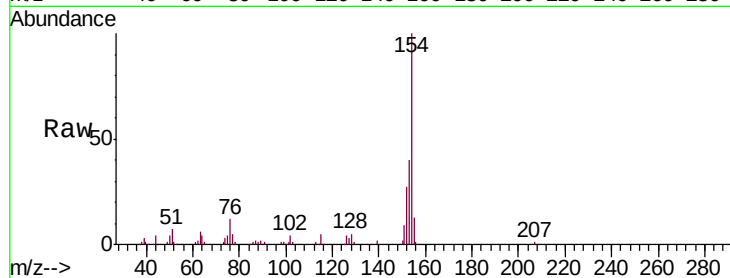




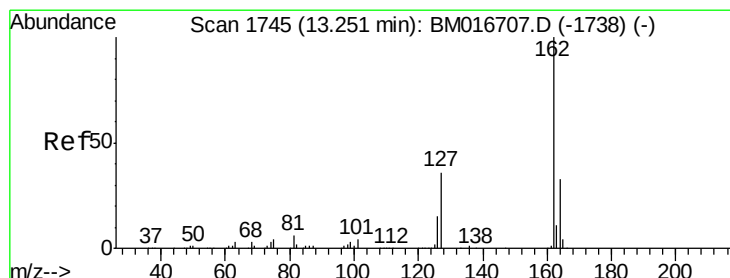
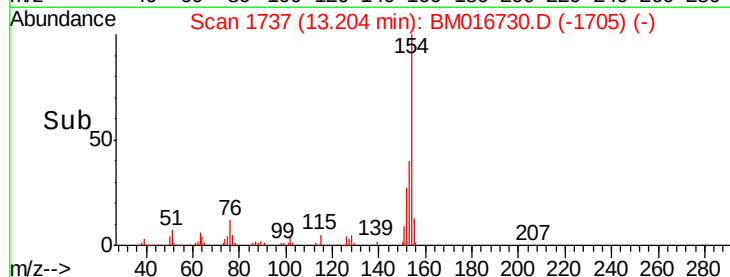
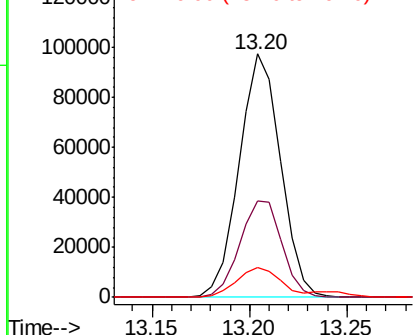
#41
 1,1'-Biphenyl
 Concen: 3.682 ng/ul
 RT: 13.20 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BM016730.D
 Acq: 11 Sep 2018 19:43

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	34.0	51.0
76	12.1	8.4	12.6

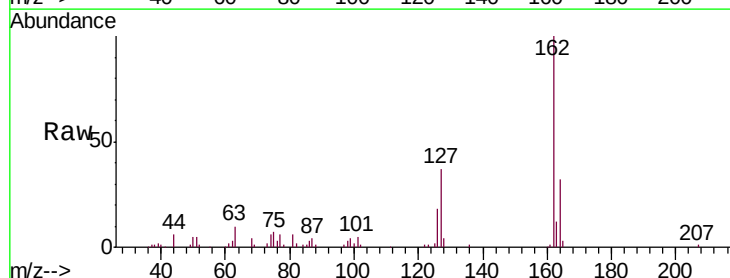


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

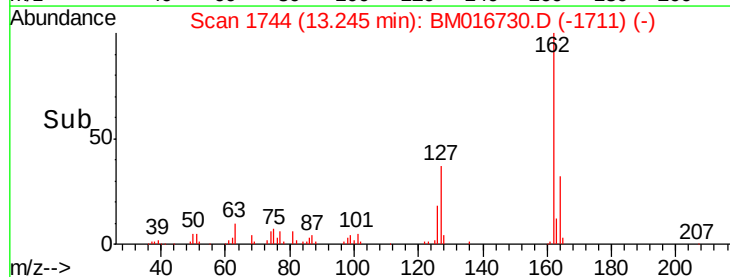
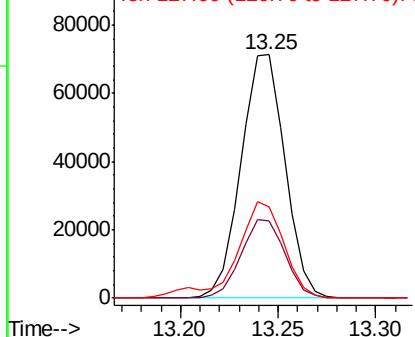


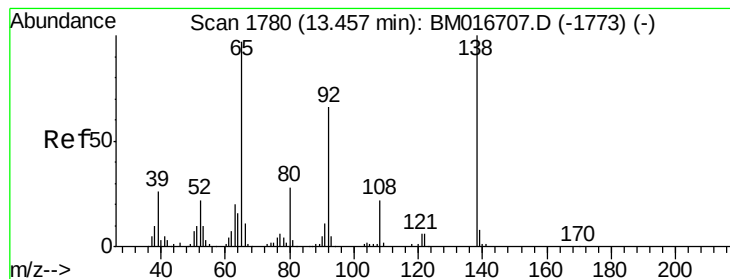
#42
 2-Chloronaphthalene
 Concen: 3.674 ng/ul
 RT: 13.25 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BM016730.D
 Acq: 11 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
162	100		
164	31.9	26.2	39.4
127	37.4	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: 3.063 ng/ul

RT: 13.45 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

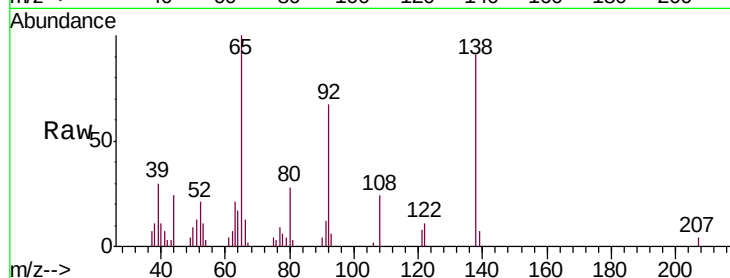
Tgt Ion: 65 Resp: 20474

Ion Ratio Lower Upper

65 100

92 67.2 57.0 85.4

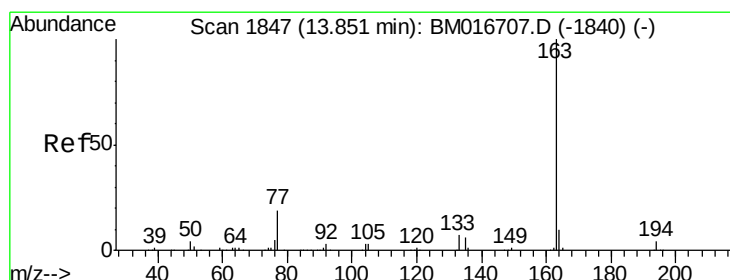
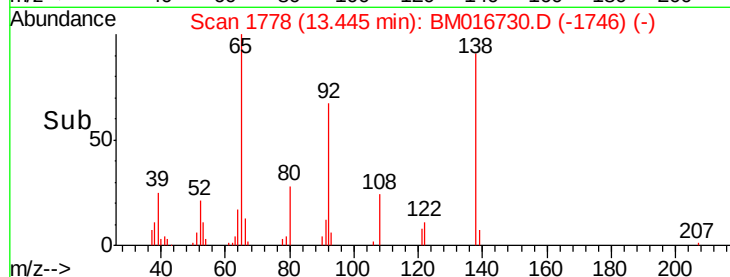
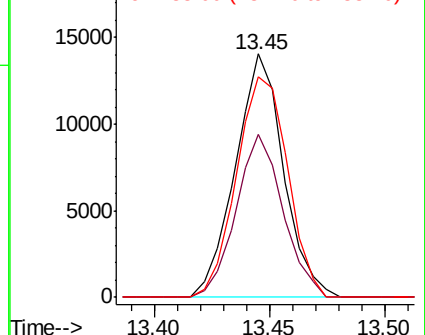
138 90.7 87.2 130.8



Abundance Ion 65.00 (64.70 to 65.70): BM016730.D (-1773) (-)

Ion 92.00 (91.70 to 92.70): BM016730.D (-1773) (-)

Ion 138.00 (137.70 to 138.70): BM016730.D (-1773) (-)



#45

Dimethylphthalate

Concen: 3.621 ng/ul

RT: 13.84 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

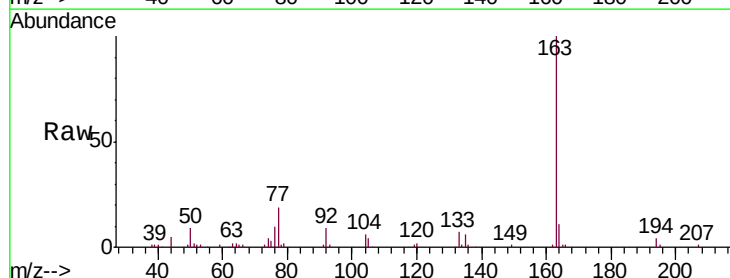
Tgt Ion: 163 Resp: 132458

Ion Ratio Lower Upper

163 100

194 4.3 4.0 6.0

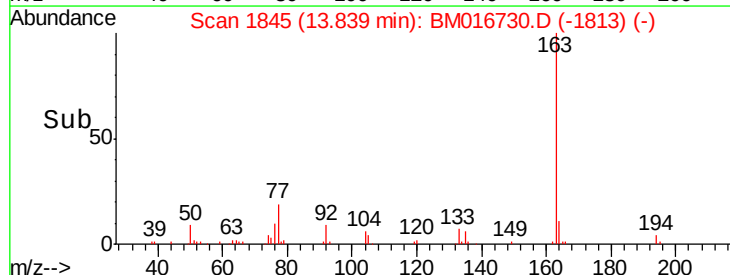
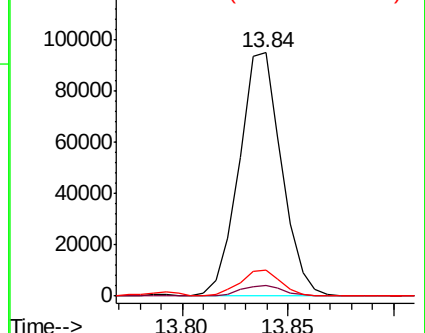
164 10.5 8.4 12.6

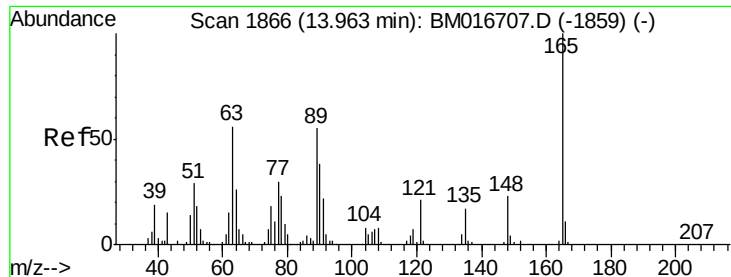


Abundance Ion 163.00 (162.70 to 163.70): BM016730.D (-1813) (-)

Ion 194.00 (193.70 to 194.70): BM016730.D (-1813) (-)

Ion 164.00 (163.70 to 164.70): BM016730.D (-1813) (-)

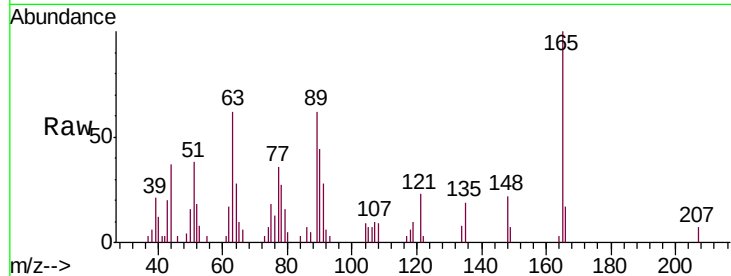




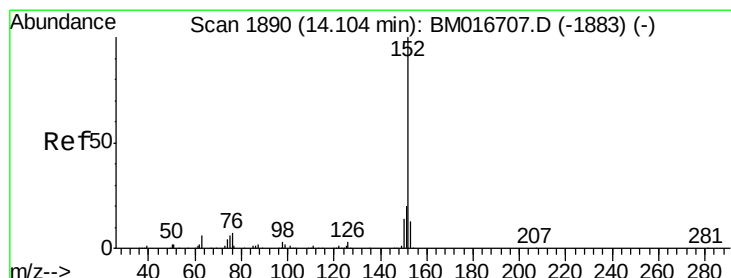
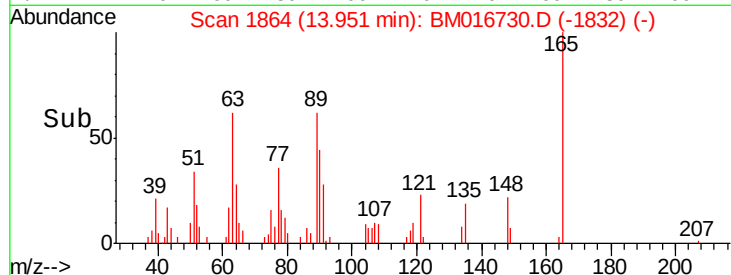
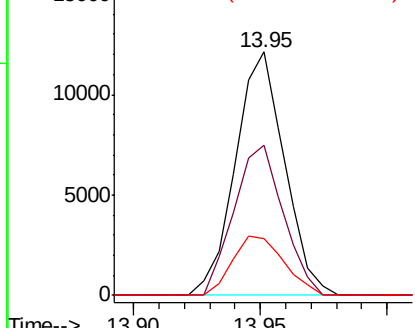
#46
 2,6-Dinitrotoluene
 Concen: 2.920 ng/ul
 RT: 13.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BM016730.D
 Acq: 11 Sep 2018 19:43

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-05

Tgt Ion:165 Resp: 16402
 Ion Ratio Lower Upper
 165 100
 89 61.8 43.8 65.8
 121 23.2 17.8 26.6

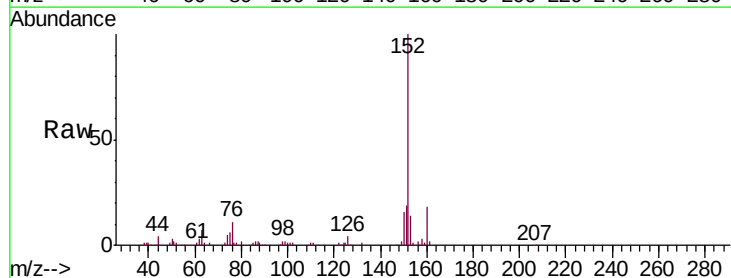


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E

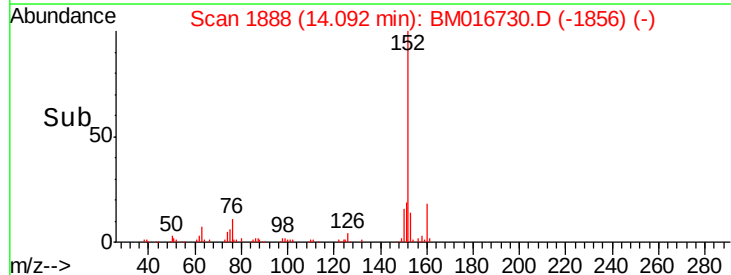
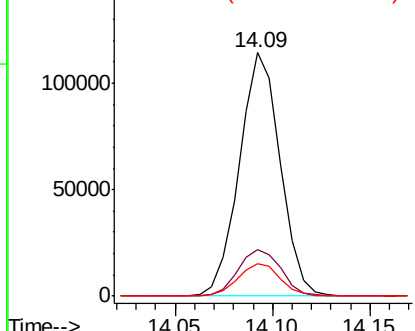


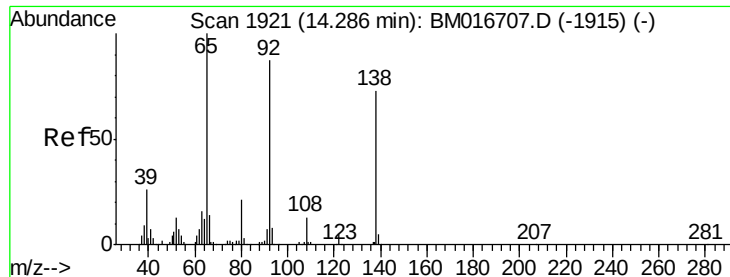
#48
 Acenaphthylene
 Concen: 3.623 ng/ul
 RT: 14.09 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BM016730.D
 Acq: 11 Sep 2018 19:43

Tgt Ion:152 Resp: 165769
 Ion Ratio Lower Upper
 152 100
 151 19.0 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: 2.668 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

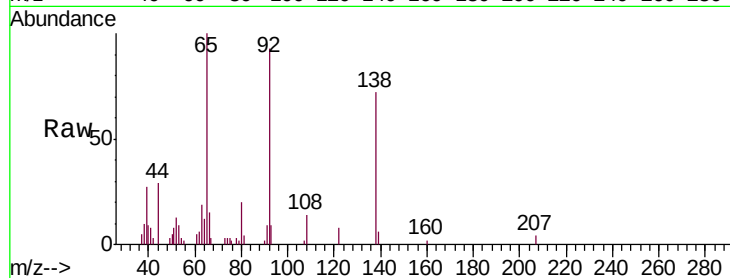
Tgt Ion:138 Resp: 16298

Ion Ratio Lower Upper

138 100

108 20.1 7.6 11.4#

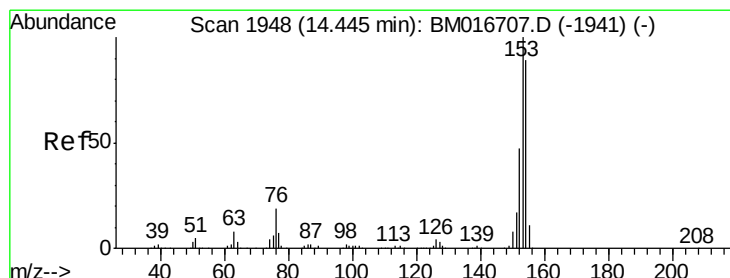
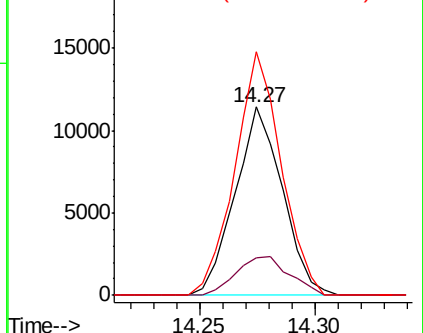
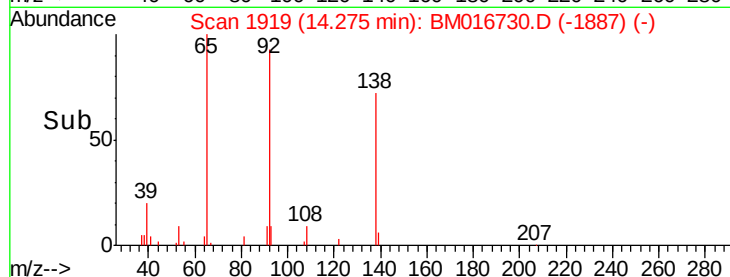
92 129.5 94.2 141.2



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: 3.646 ng/ul

RT: 14.44 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

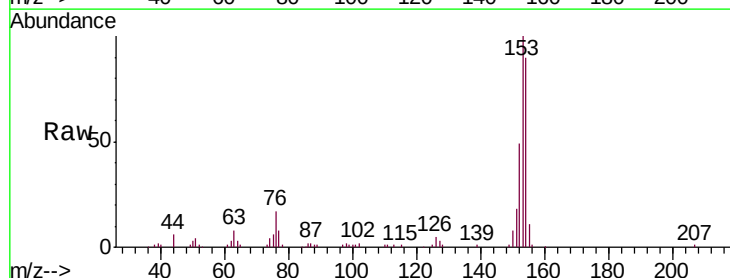
Tgt Ion:153 Resp: 118449

Ion Ratio Lower Upper

153 100

152 48.5 37.9 56.9

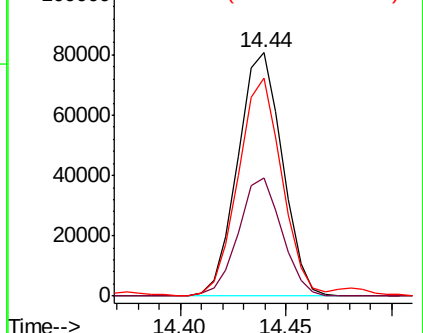
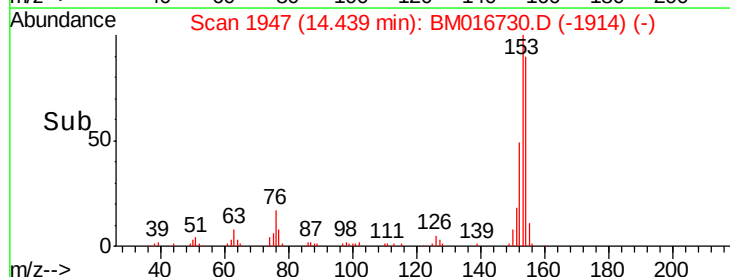
154 89.8 69.8 104.6

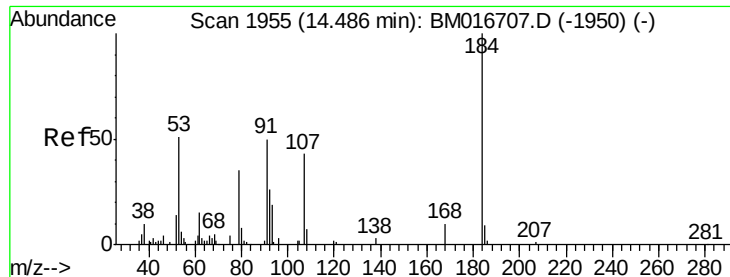


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

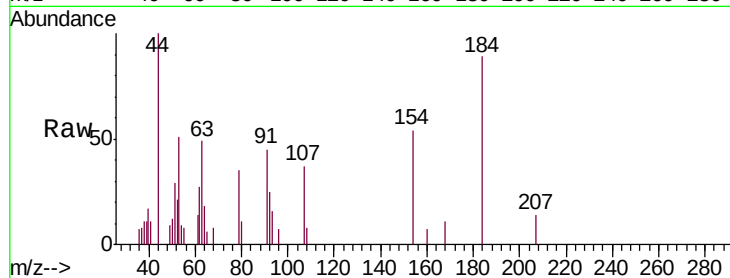




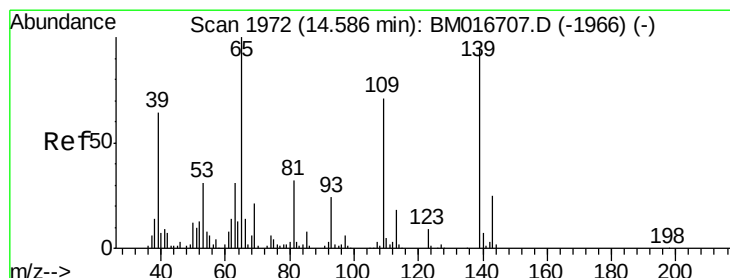
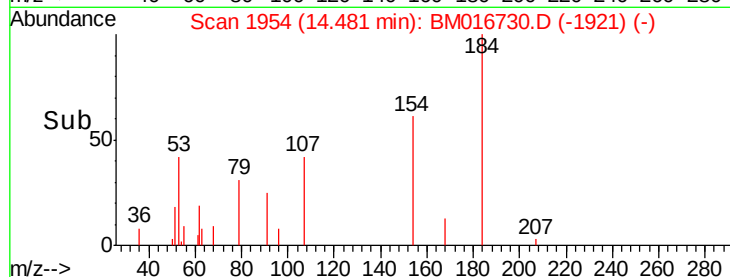
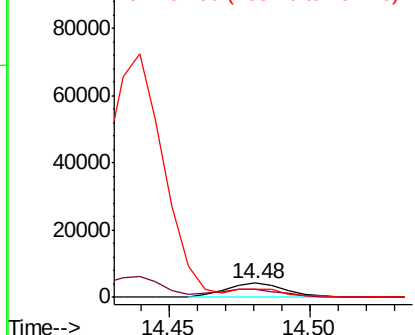
#51
2,4-Dinitrophenol
Concen: 2.354 ng/ul
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM016730.D
Acq: 11 Sep 2018 19:43

Instrument :
BNA_M
ClientSampleId :
MDL-S-05

Tgt Ion:184 Resp: 5915
Ion Ratio Lower Upper
184 100
63 55.4 39.7 59.5
154 60.7 45.0 67.6

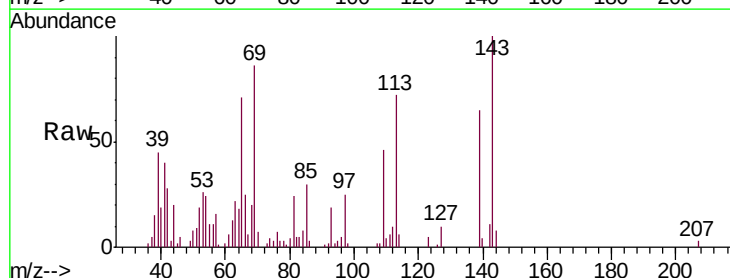


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

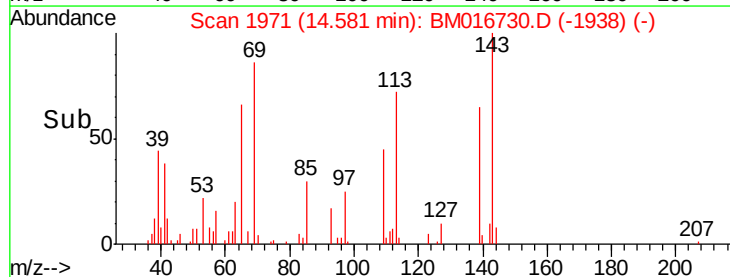
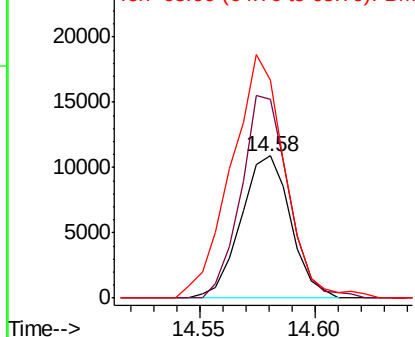


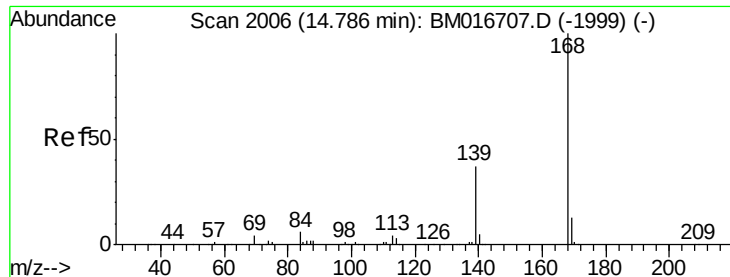
#53
4-Nitrophenol
Concen: 3.459 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM016730.D
Acq: 11 Sep 2018 19:43

Tgt Ion:109 Resp: 16371
Ion Ratio Lower Upper
109 100
139 139.5 91.2 136.8#
65 153.4 92.6 139.0#



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM





#54

Dibenzenofuran

Concen: 3.748 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

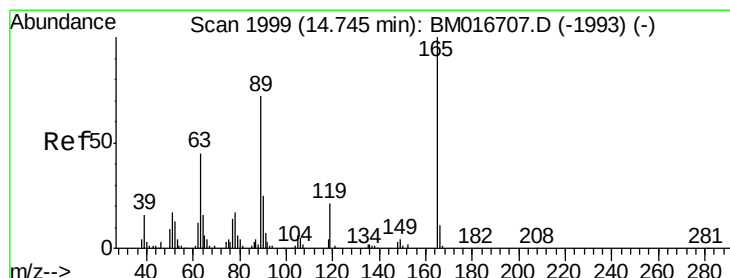
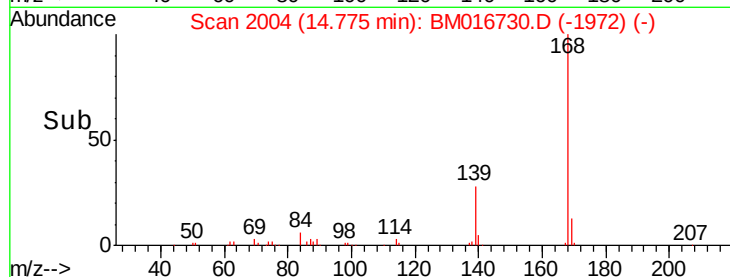
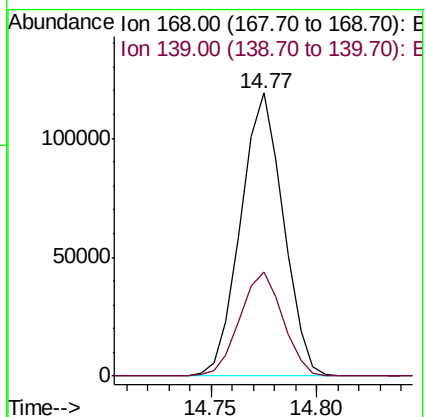
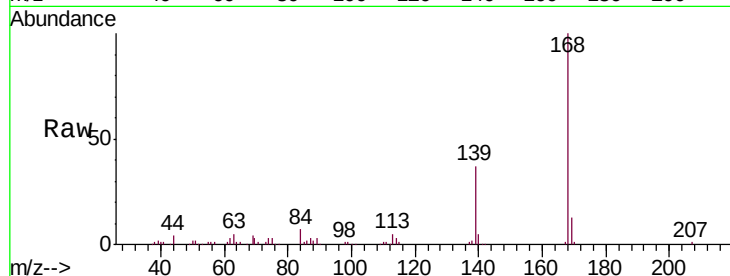
MDL-S-05

Tgt Ion:168 Resp: 167036

Ion Ratio Lower Upper

168 100

139 36.6 31.0 46.4



#55

2,4-Dinitrotoluene

Concen: 3.130 ng/ul

RT: 14.74 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

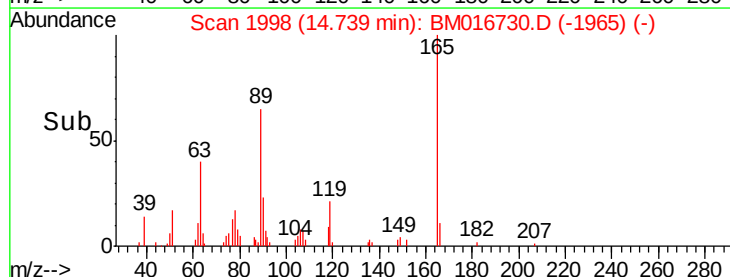
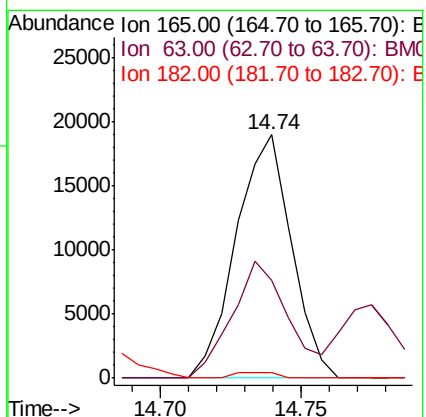
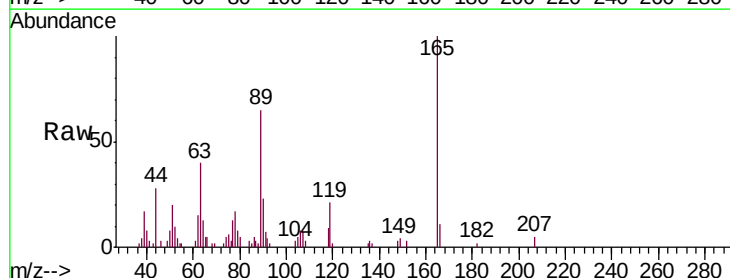
Tgt Ion:165 Resp: 25858

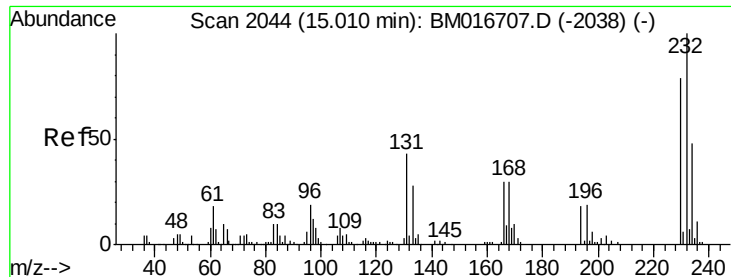
Ion Ratio Lower Upper

165 100

63 40.1 31.4 47.0

182 2.2 2.7 4.1#

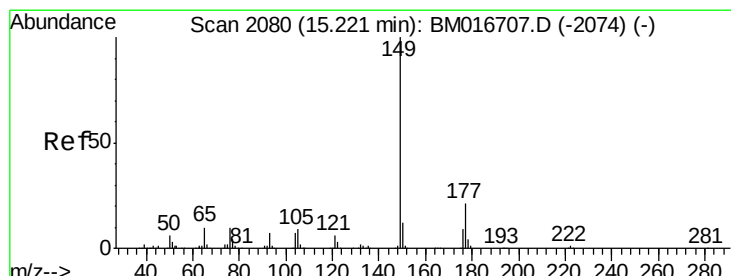
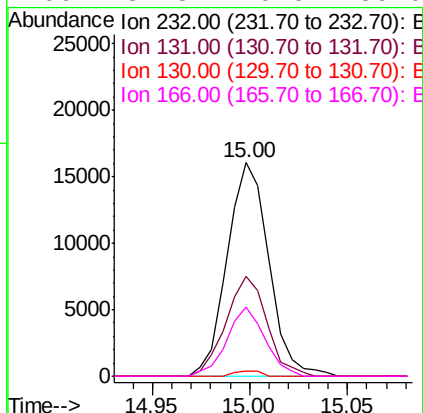
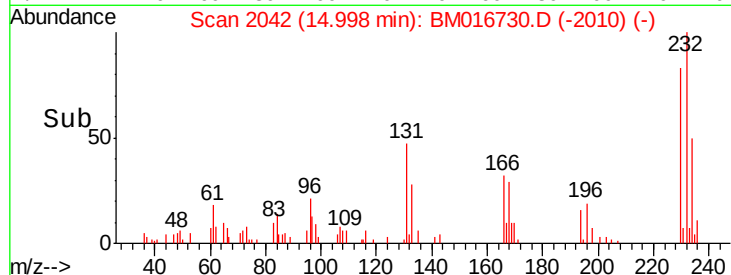
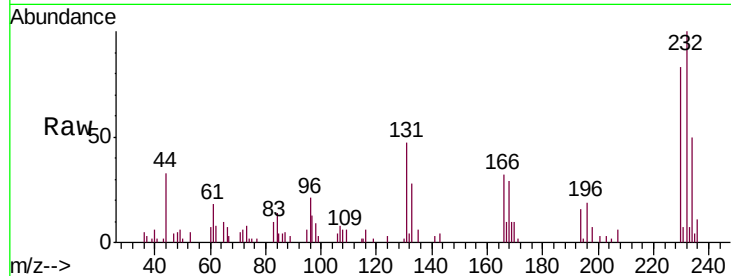




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.955 ng/ul
 RT: 15.00 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BM016730.D
 Acq: 11 Sep 2018 19:43

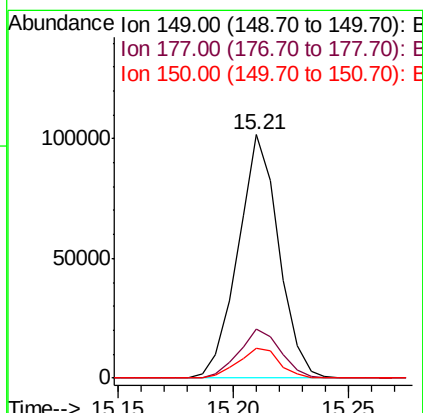
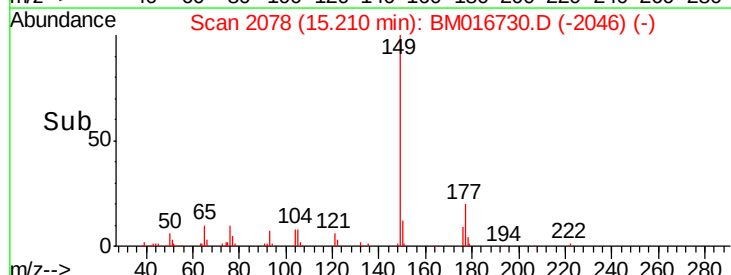
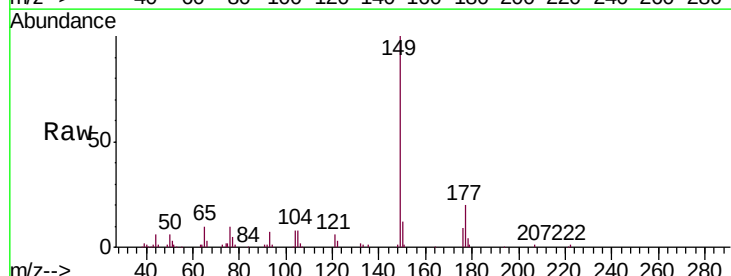
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-05

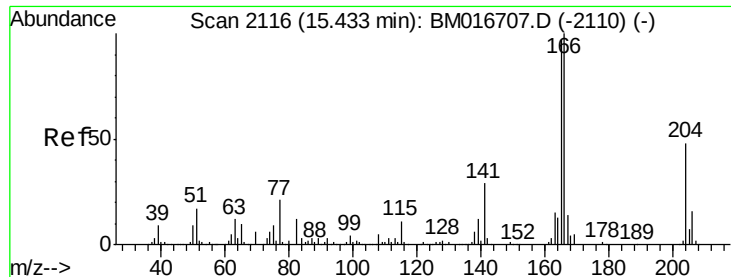
Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.7	27.1	40.7#
130	2.2	0.0	0.0#
166	32.3	20.0	30.0#



#57
 Diethylphthalate
 Concen: 3.451 ng/ul
 RT: 15.21 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BM016730.D
 Acq: 11 Sep 2018 19:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.0	19.3	28.9
150	12.3	10.6	15.8





#59

Fluorene

Concen: 3.709 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

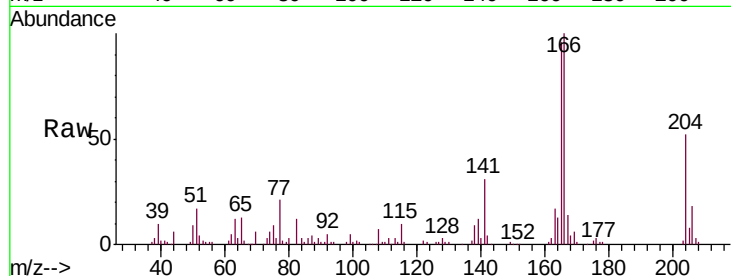
Tgt Ion:166 Resp: 135815

Ion Ratio Lower Upper

166 100

165 96.4 78.4 117.6

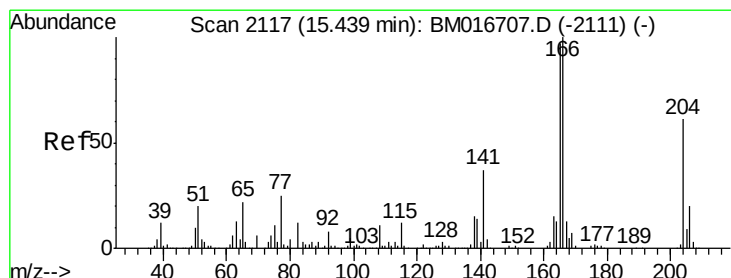
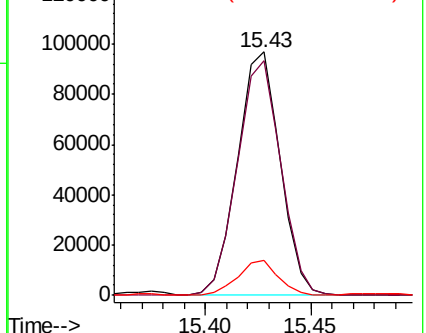
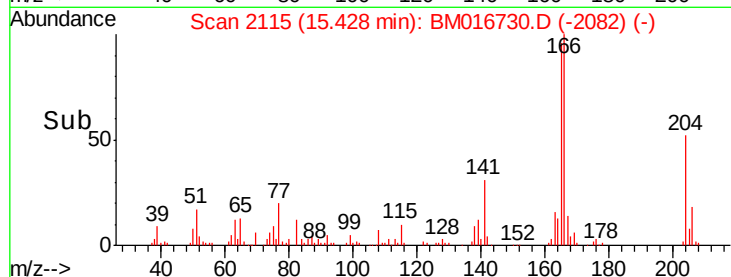
167 14.2 11.1 16.7



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: 3.793 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

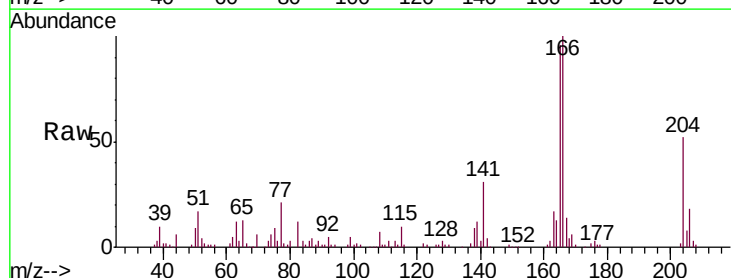
Tgt Ion:204 Resp: 70413

Ion Ratio Lower Upper

204 100

206 34.5 26.6 40.0

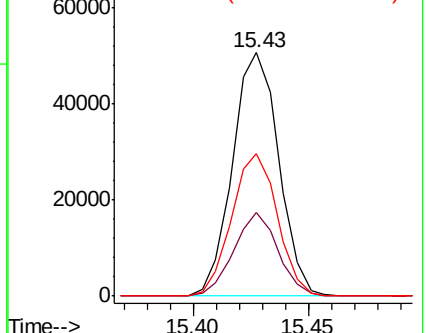
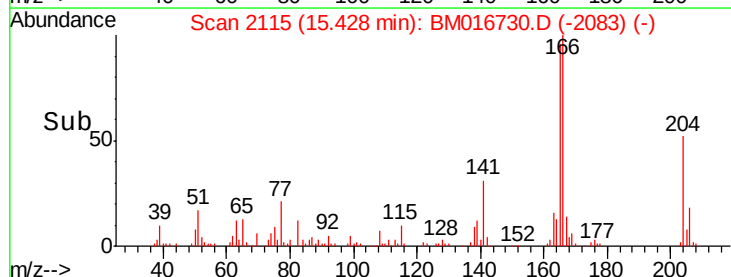
141 58.6 40.7 61.1

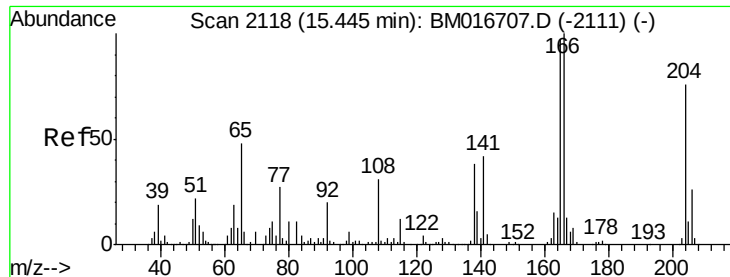


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

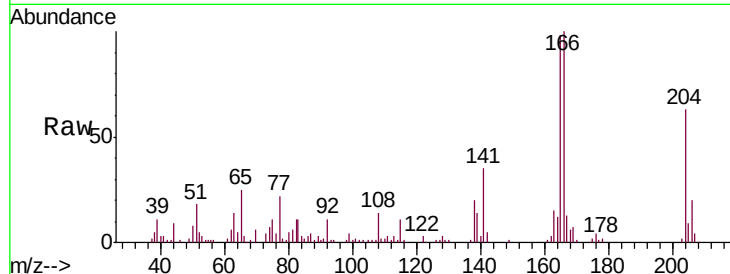




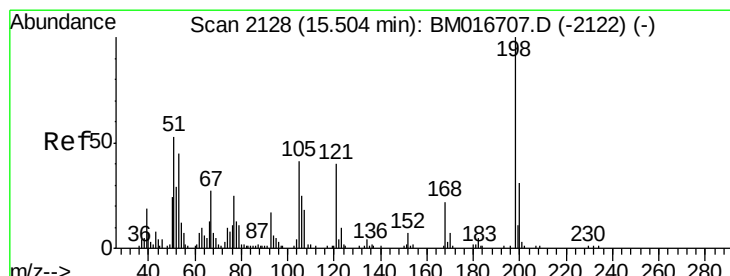
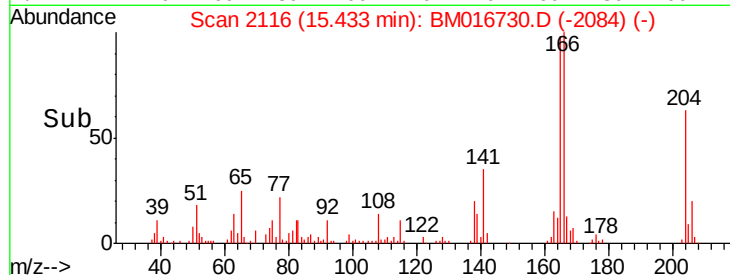
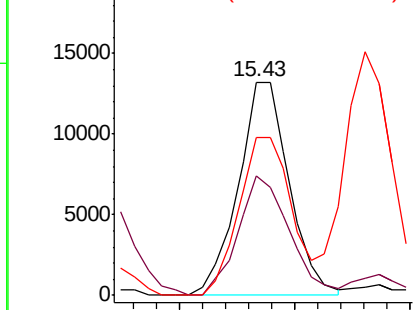
#61
4-Nitroaniline
Concen: 2.701 ng/ul
RT: 15.43 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM016730.D
Acq: 11 Sep 2018 19:43

Instrument :
BNA_M
ClientSampleId :
MDL-S-05

Tgt Ion:138 Resp: 20271
Ion Ratio Lower Upper
138 100
92 55.8 38.2 57.4
108 73.7 70.0 105.0

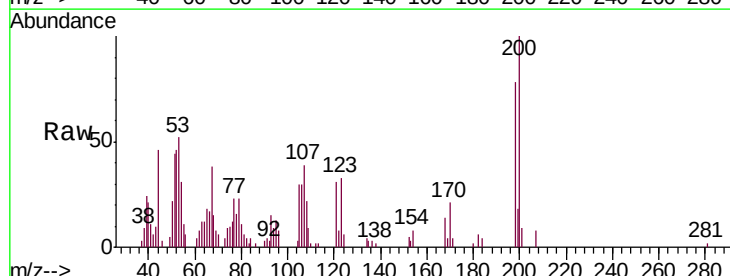


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E

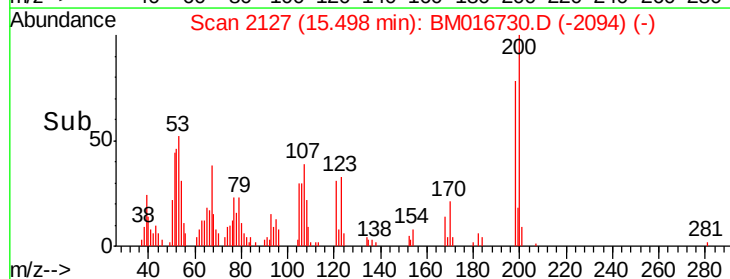
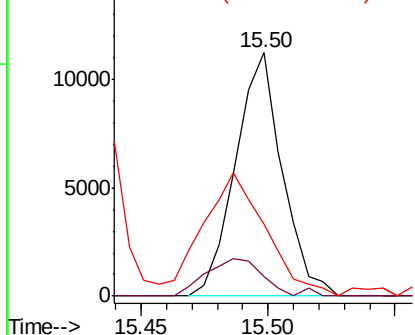


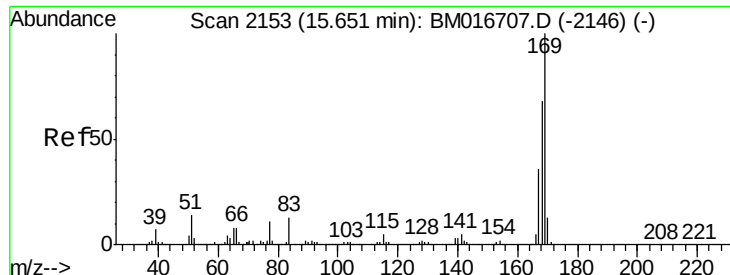
#64
4,6-Dinitro-2-methylphenol
Concen: 3.062 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM016730.D
Acq: 11 Sep 2018 19:43

Tgt Ion:198 Resp: 14443
Ion Ratio Lower Upper
198 100
182 7.9 3.5 5.3#
77 29.8 18.2 27.4#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BM





#65

N-Nitrosodiphenylamine

Concen: 3.573 ng/ul

RT: 15.64 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

Instrument :

BNA_M

ClientSampleId :

MDL-S-05

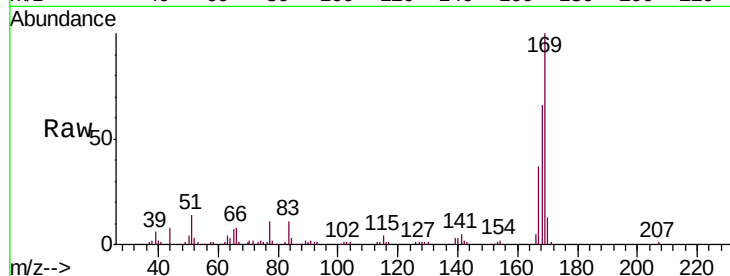
Tgt Ion:169 Resp: 113234

Ion Ratio Lower Upper

169 100

168 65.6 53.8 80.8

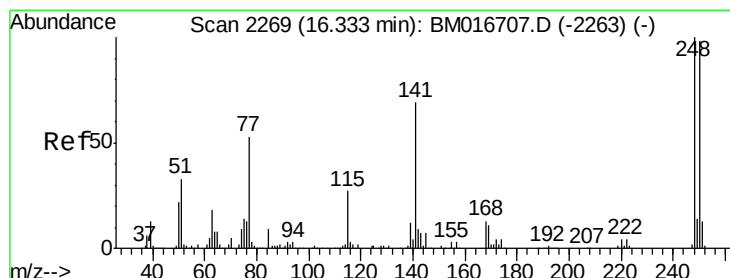
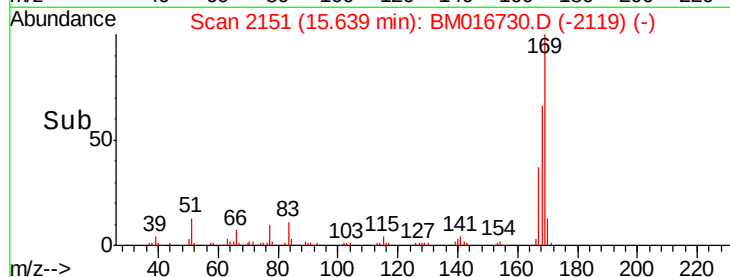
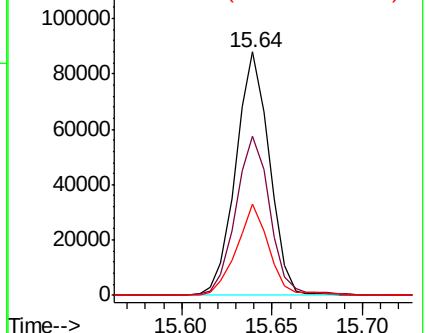
167 37.3 29.5 44.3



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: 3.460 ng/ul

RT: 16.32 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BM016730.D

Acq: 11 Sep 2018 19:43

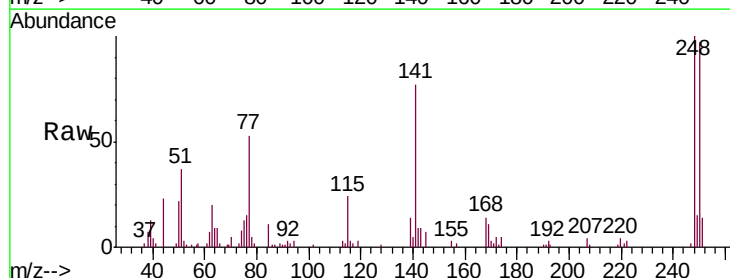
Tgt Ion:248 Resp: 40110

Ion Ratio Lower Upper

248 100

250 96.8 79.0 118.4

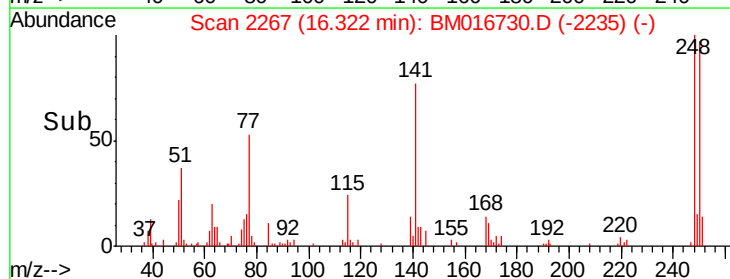
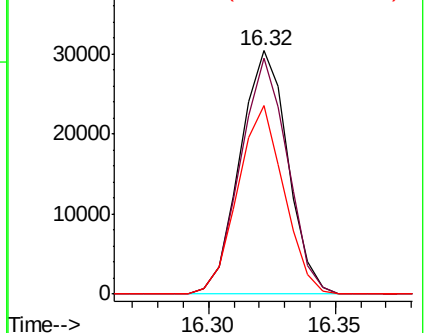
141 77.4 51.9 77.9

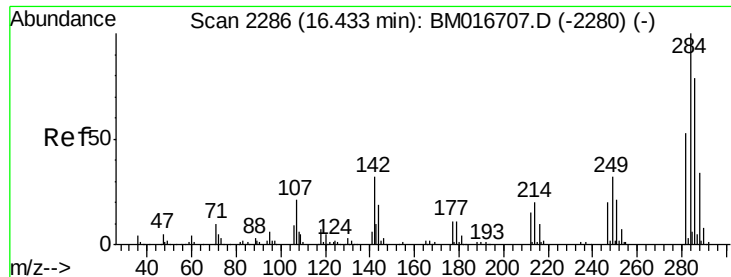


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

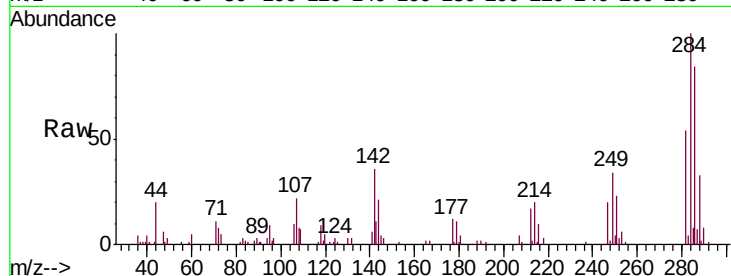




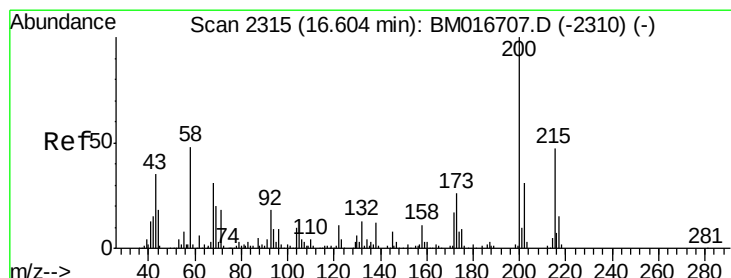
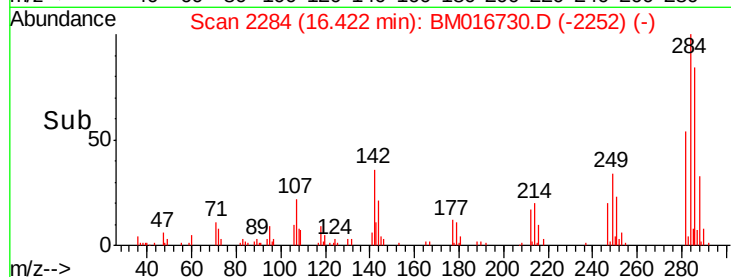
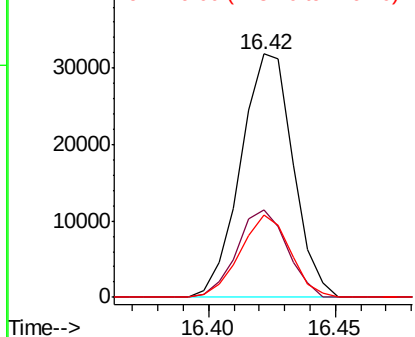
#67
Hexachlorobenzene
Concen: 3.680 ng/ul
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM016730.D
Acq: 11 Sep 2018 19:43

Instrument :
BNA_M
ClientSampleId :
MDL-S-05

Tgt Ion:284 Resp: 45912
Ion Ratio Lower Upper
284 100
142 35.8 21.3 31.9#
249 34.0 26.3 39.5

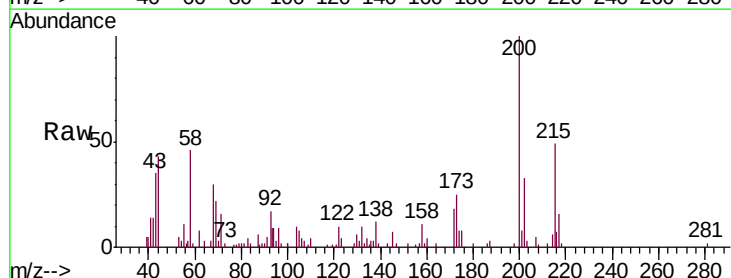


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

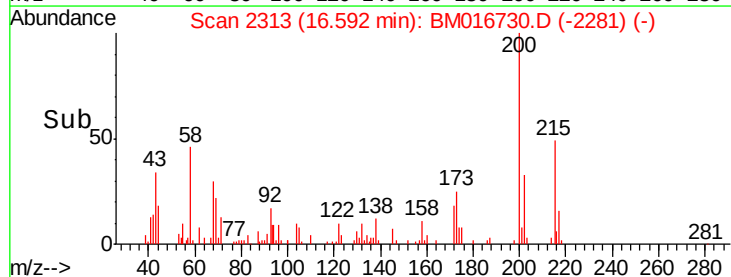
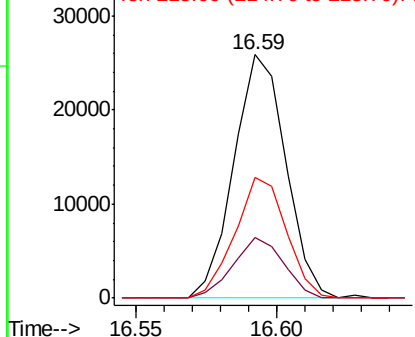


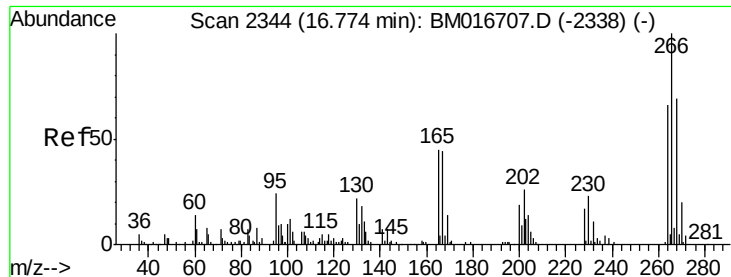
#68
Atrazine
Concen: 2.940 ng/ul
RT: 16.59 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BM016730.D
Acq: 11 Sep 2018 19:43

Tgt Ion:200 Resp: 32930
Ion Ratio Lower Upper
200 100
173 25.0 20.6 31.0
215 49.4 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

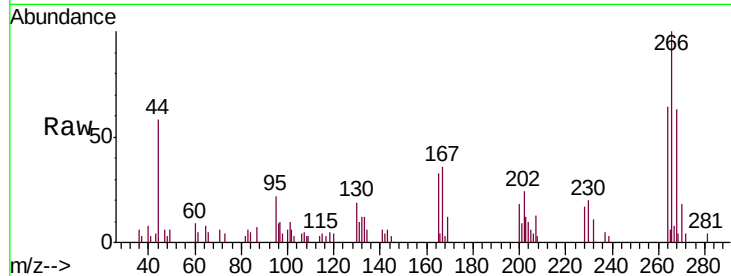




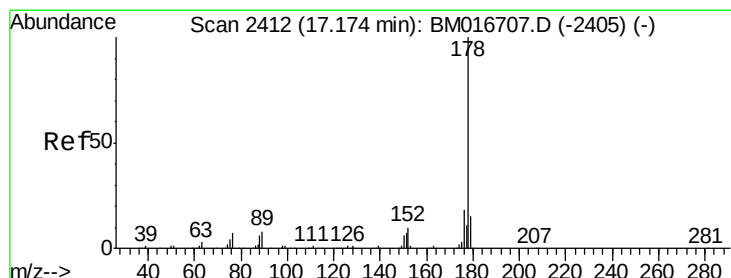
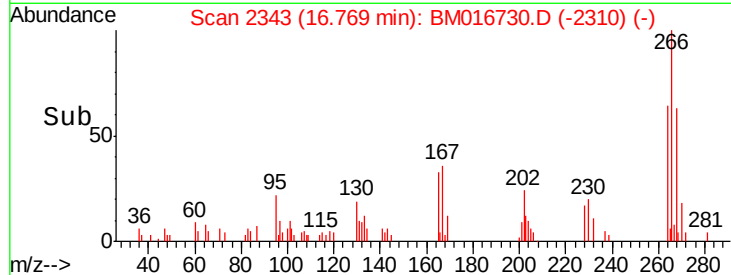
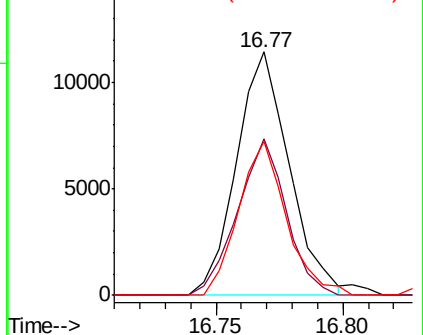
#69
 Pentachlorophenol
 Concen: 2.457 ng/ul
 RT: 16.77 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BM016730.D
 Acq: 11 Sep 2018 19:43

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-05

Tgt Ion: 266 Resp: 16574
 Ion Ratio Lower Upper
 266 100
 264 64.4 48.2 72.4
 268 67.0 52.3 78.5

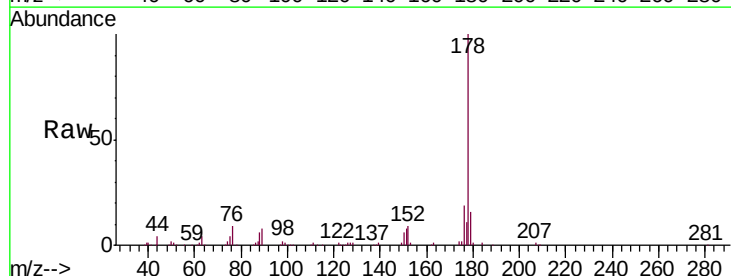


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#70
 Phenanthrene
 Concen: 3.778 ng/ul
 RT: 17.16 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BM016730.D
 Acq: 11 Sep 2018 19:43

Tgt Ion: 178 Resp: 215018
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.3 18.5
 176 18.9 15.4 23.0



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

