

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
 Data File : BM022737.D
 Acq On : 20 Sep 2019 22:08
 Operator : HP/JU
 Sample : K3591-07
 Misc : LOD-MDL-W-8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Quant Time: Sep 21 02:14:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 16:34:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	203474	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	824163	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	480248	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	937504	20.00	ng	0.00
76) Chrysene-d12	21.37	240	873612	20.00	ng	-0.01
87) Perylene-d12	23.64	264	888312	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1211880	94.46	ng	0.00
7) Phenol-d6	6.99	99	1562277	94.81	ng	0.00
23) Nitrobenzene-d5	8.97	82	1148288	77.34	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	568170	94.77	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	2691569	77.18	ng	0.00
79) Terphenyl-d14	19.82	244	3633971	80.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	43263	8.380	ng	# 100
3) Pyridine	3.73	79	93809	6.894	ng	95
4) n-Nitrosodimethylamine	3.63	42	37757	7.622	ng	# 91
6) Aniline	7.15	93	153130	7.750	ng	99
8) 2-Chlorophenol	7.39	128	105866	8.099	ng	98
9) Benzaldehyde	6.96	77	91094	9.709	ng	99
10) Phenol	7.01	94	125657	8.100	ng	95
11) bis(2-Chloroethyl)ether	7.25	93	97016	7.960	ng	99
12) 1,3-Dichlorobenzene	7.72	146	119510	7.650	ng	99
13) 1,4-Dichlorobenzene	7.86	146	121154	7.660	ng	99
14) 1,2-Dichlorobenzene	8.17	146	115380	7.652	ng	99
15) Benzyl Alcohol	8.06	79	78457	7.609	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	142389	8.042	ng	99
17) 2-Methylphenol	8.26	107	76902	7.489	ng	99
18) Hexachloroethane	8.90	117	43792	7.549	ng	94
19) n-Nitroso-di-n-propylamine	8.63	70	73846	8.025	ng	99
20) 3+4-Methylphenols	8.59	107	102653	7.506	ng	100
22) Acetophenone	8.65	105	153590	7.550	ng	# 99
24) Nitrobenzene	9.02	77	118163	8.318	ng	98
25) Isophorone	9.55	82	185223	7.587	ng	99
26) 2-Nitrophenol	9.73	139	38116	6.215	ng	96
27) 2,4-Dimethylphenol	9.79	122	76777	7.478	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	127950	7.574	ng	99
29) 2,4-Dichlorophenol	10.26	162	82132	7.076	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	106221	7.438	ng	98
31) Naphthalene	10.66	128	324287	7.963	ng	99
32) Benzoic acid	9.86	122	22093	6.798	ng	99
33) 4-Chloroaniline	10.77	127	131593	7.443	ng	98
34) Hexachlorobutadiene	10.96	225	60769	7.138	ng	99
35) Caprolactam	11.55	113	20074	5.834	ng	99
36) 4-Chloro-3-methylphenol	11.89	107	81627	7.208	ng	99
37) 2-Methylnaphthalene	12.28	142	224037	7.904	ng	99
38) 1-Methylnaphthalene	12.50	142	211165	7.848	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	111553	6.855	ng	99

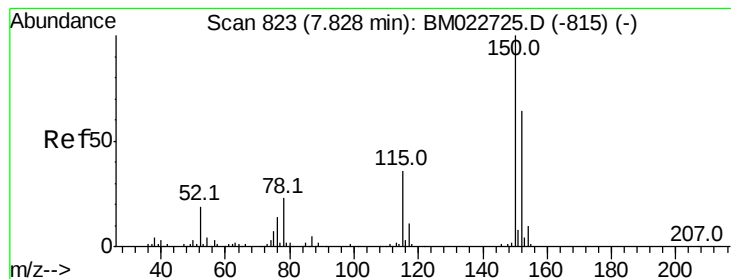
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	61907	6.973	ng	98
43) 2,4,6-Trichlorophenol	12.89	196	60210	6.411	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	68280	6.976	ng	100
46) 1,1'-Biphenyl	13.29	154	287671	7.238	ng	99
47) 2-Chloronaphthalene	13.33	162	222925	7.525	ng	99
48) 2-Nitroaniline	13.53	65	47166	6.114	ng	94
49) Acenaphthylene	14.17	152	328185	7.481	ng	100
50) Dimethylphthalate	13.91	163	257452	7.418	ng	99
51) 2,6-Dinitrotoluene	14.02	165	49368	6.800	ng	91
52) Acenaphthene	14.52	154	215333	7.503	ng	99
53) 3-Nitroaniline	14.35	138	50044	5.988	ng	# 97
54) 2,4-Dinitrophenol	14.56	184	15986	10.658	ng	96
55) Dibenzofuran	14.86	168	334647	7.987	ng	99
56) 4-Nitrophenol	14.65	139	38024	5.919	ng	94
57) 2,4-Dinitrotoluene	14.81	165	57473	6.043	ng	91
58) Fluorene	15.50	166	261634	7.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	55621	6.516	ng	98
60) Diethylphthalate	15.27	149	242292	7.180	ng	98
61) 4-Chlorophenyl-phenylether	15.50	204	131722	7.529	ng	97
62) 4-Nitroaniline	15.51	138	52479	5.989	ng	96
63) Azobenzene	15.79	77	228579	7.501	ng	96
65) 4,6-Dinitro-2-methylphenol	15.57	198	24369	11.116	ng	95
66) n-Nitrosodiphenylamine	15.71	169	218624	7.633	ng	100
67) 4-Bromophenyl-phenylether	16.39	248	73313	7.031	ng	97
68) Hexachlorobenzene	16.51	284	87388	7.186	ng	99
69) Atrazine	16.66	200	61006	6.552	ng	99
70) Pentachlorophenol	16.84	266	36764	5.669	ng	99
71) Phenanthrene	17.23	178	409123	7.734	ng	99
72) Anthracene	17.33	178	379368	7.400	ng	99
73) Carbazole	17.59	167	348185	7.298	ng	99
74) Di-n-butylphthalate	18.16	149	336869	6.227	ng	100
75) Fluoranthene	19.25	202	422643	7.080	ng	98
77) Benzidine	19.43	184	156919	6.548	ng	99
78) Pyrene	19.61	202	444671	7.767	ng	100
80) Butylbenzylphthalate	20.51	149	126078	5.794	ng	93
81) Benzo(a)anthracene	21.36	228	418310	7.388	ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	133382	6.643	ng	98
83) Chrysene	21.40	228	419839	7.648	ng	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	187975	5.831	ng	99
85) Di-n-octyl phthalate	22.18	149	277935	5.409	ng	97
86) Indeno(1,2,3-cd)pyrene	25.94	276	440902	6.730	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	404433	7.519	ng	99
89) Benzo(k)fluoranthene	23.00	252	396749	7.434	ng	99
90) Benzo(a)pyrene	23.54	252	368671	7.439	ng	99
91) Dibenzo(a,h)anthracene	25.96	278	373362	7.202	ng	99
92) Benzo(g,h,i)perylene	26.65	276	359140	7.294	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.82 min Scan# 822

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

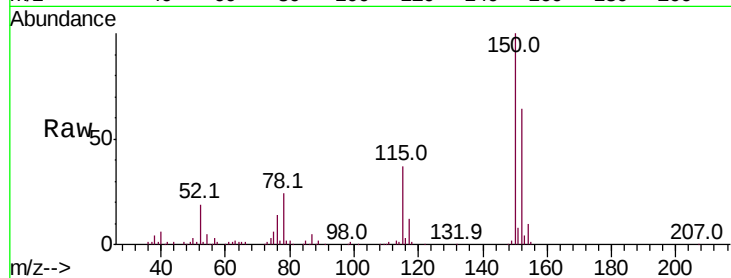
Tot Ion:152 Resp: 203474

Ion Ratio Lower Upper

152 100

150 156.8 124.5 186.7

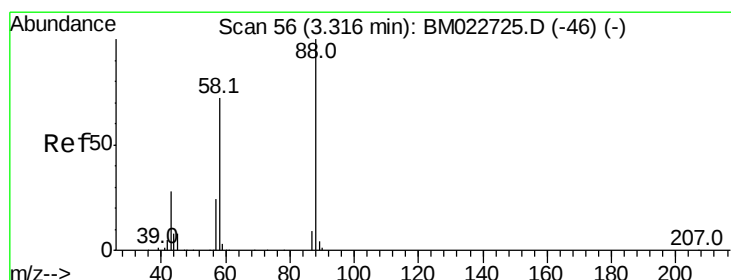
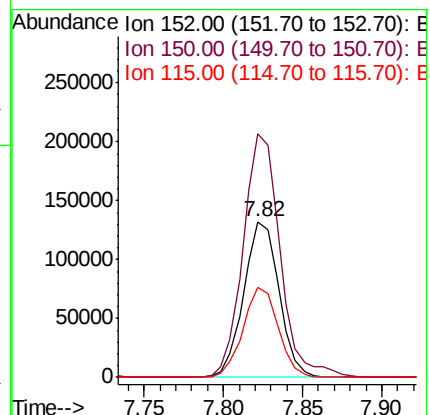
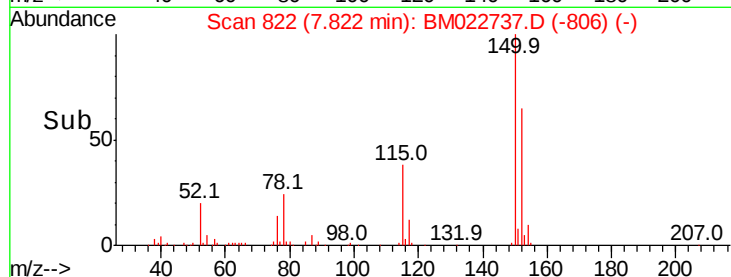
115 58.2 45.0 67.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.380 ng

RT: 3.32 min Scan# 56

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

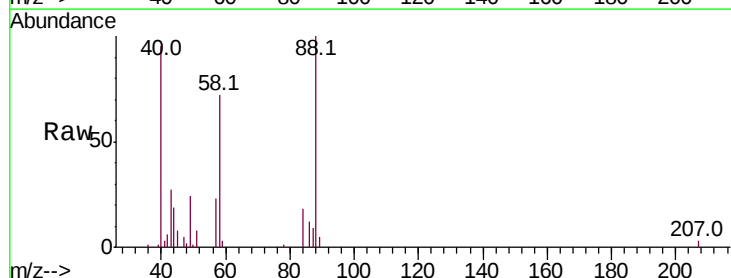
Tgt Ion: 88 Resp: 43263

Ion Ratio Lower Upper

88 100

58 72.8 0.0 0.0#

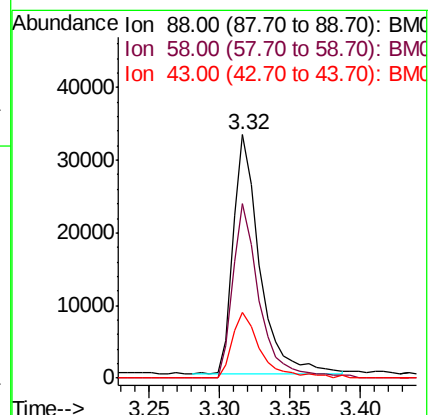
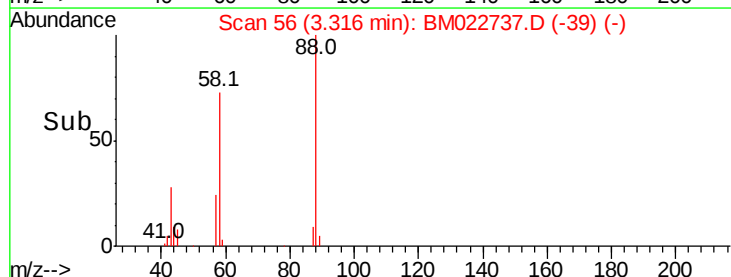
43 28.9 0.0 0.0#

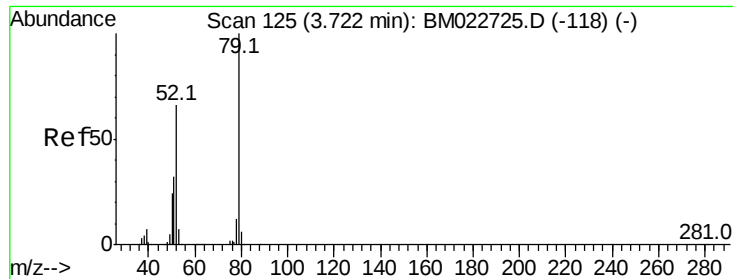


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 6.894 ng

RT: 3.73 min Scan# 127

Delta R.T. 0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

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ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

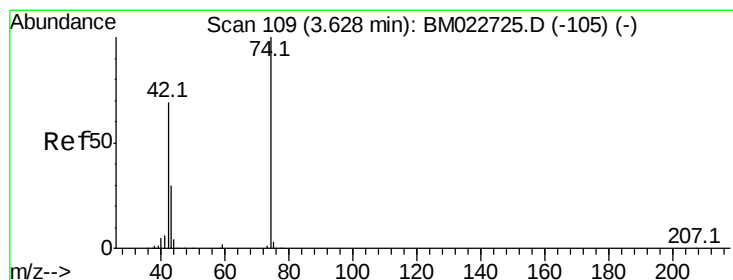
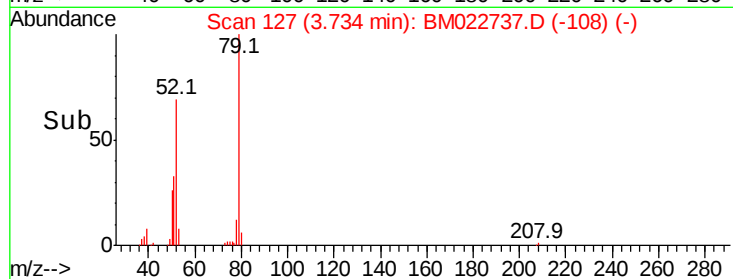
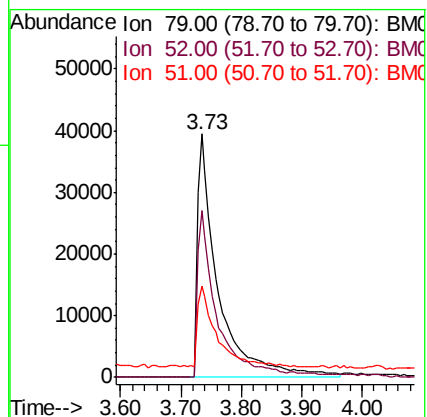
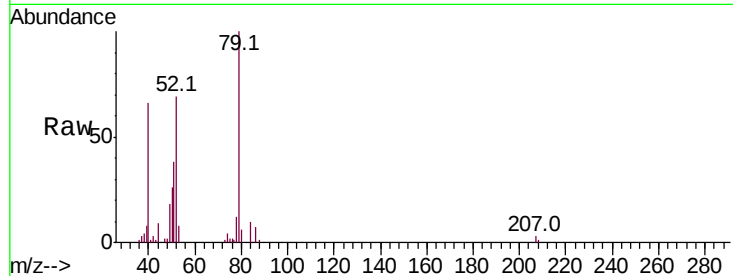
Tot Ion: 79 Resp: 93809

Ion Ratio Lower Upper

79 100

52 68.5 52.4 78.6

51 37.6 26.2 39.4



#4

n-Nitrosodimethylamine

Concen: 7.622 ng

RT: 3.63 min Scan# 110

Delta R.T. 0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

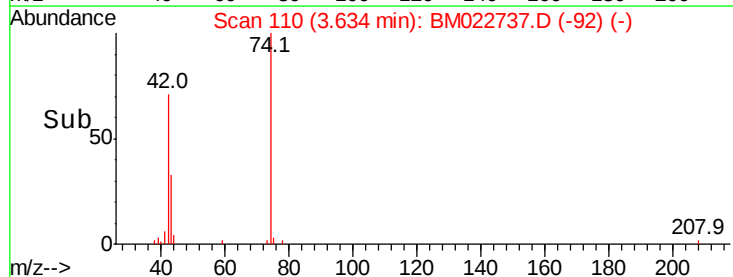
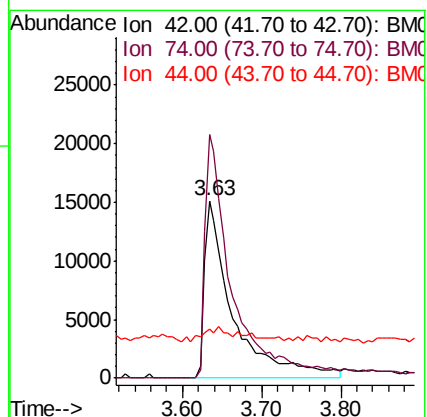
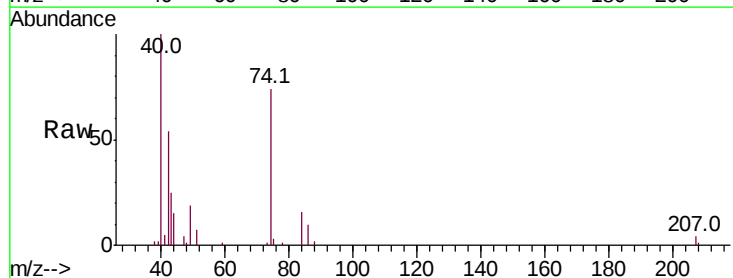
Tgt Ion: 42 Resp: 37757

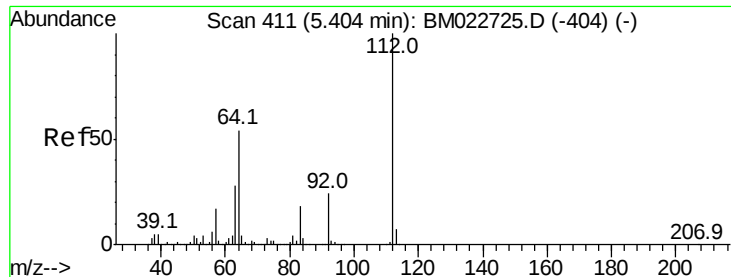
Ion Ratio Lower Upper

42 100

74 137.3 116.6 175.0

44 27.9 8.2 12.4#





#5

2-Fluorophenol

Concen: 94.459 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

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ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

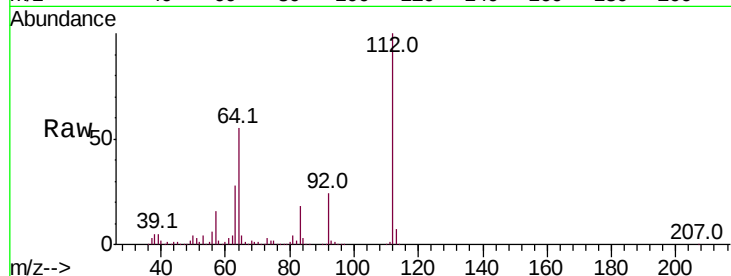
Tot Ion:112 Resp: 1211880

Ion Ratio Lower Upper

112 100

64 54.6 43.4 65.2

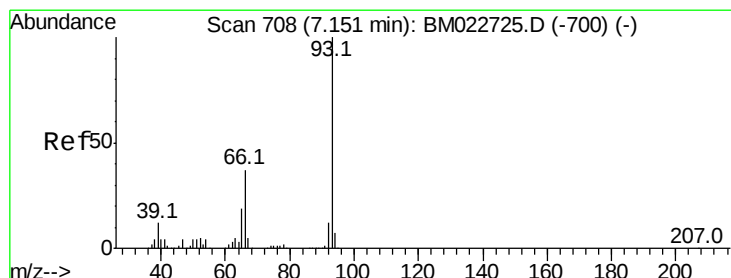
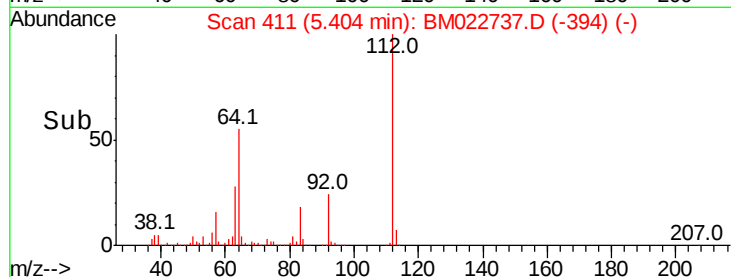
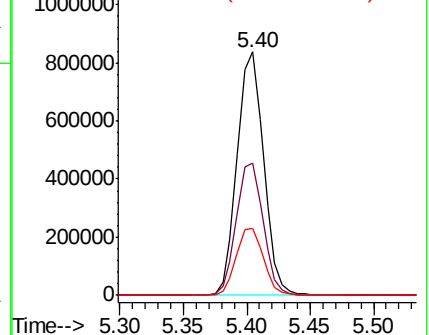
63 27.6 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 7.750 ng

RT: 7.15 min Scan# 708

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

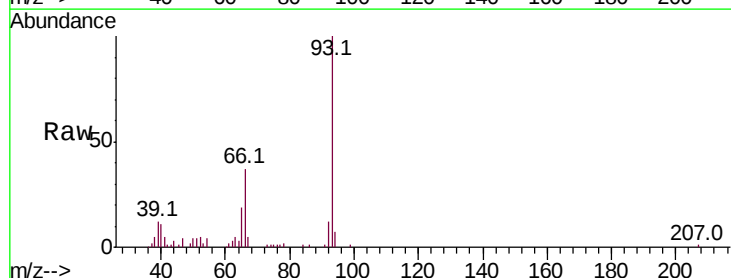
Tgt Ion: 93 Resp: 153130

Ion Ratio Lower Upper

93 100

66 36.9 29.3 43.9

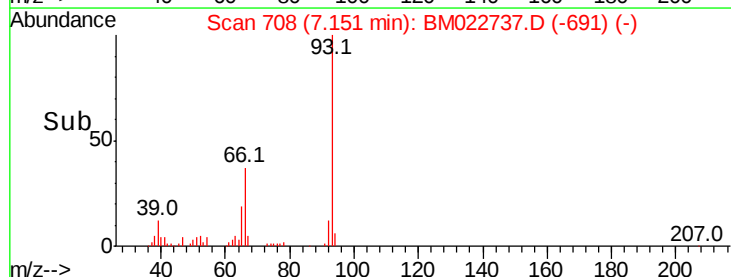
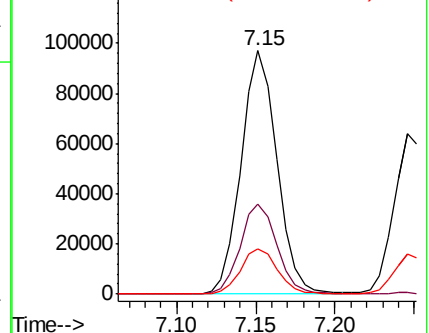
65 18.7 15.3 22.9

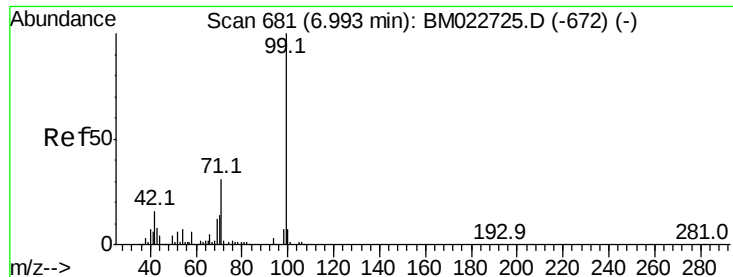


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 94.808 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

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ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

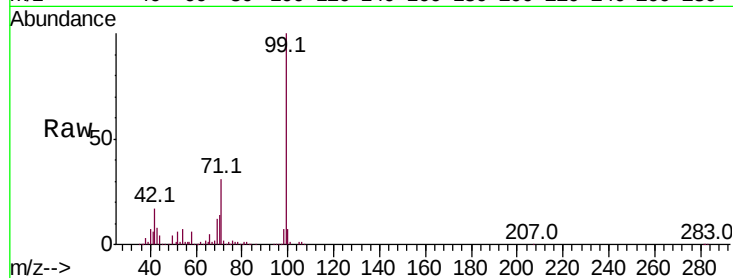
Tot Ion: 99 Resp: 1562277

Ion Ratio Lower Upper

99 100

42 16.6 13.0 19.4

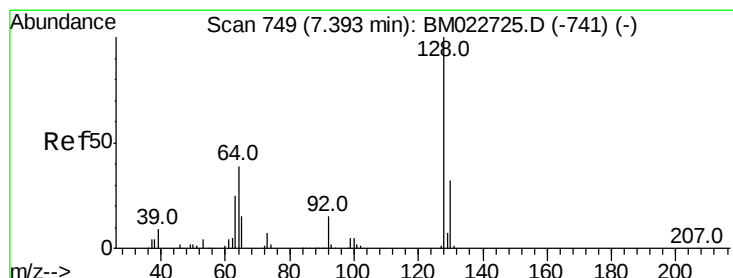
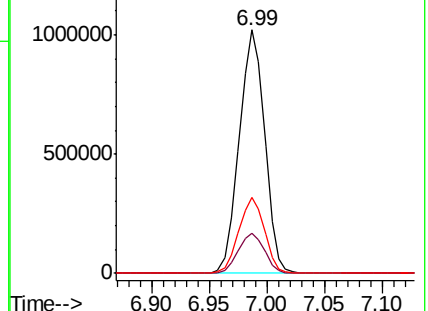
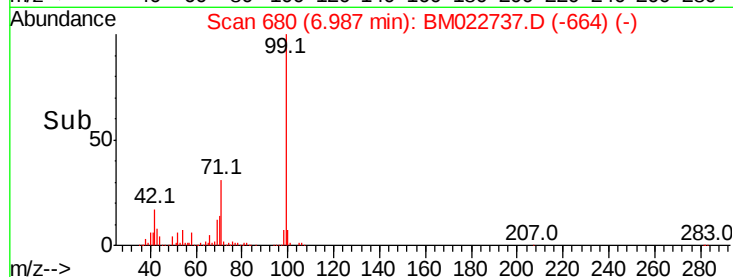
71 30.9 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BM022725.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM022725.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM022725.D (-672) (-)



#8

2-Chlorophenol

Concen: 8.099 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

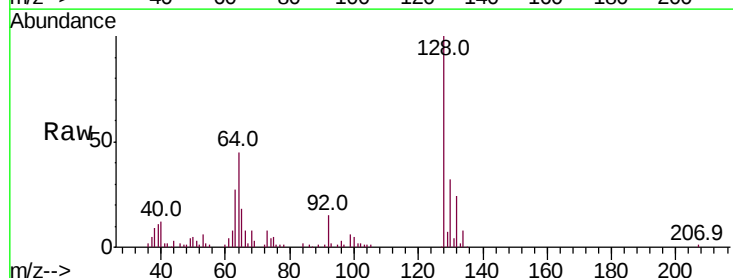
Tgt Ion: 128 Resp: 105866

Ion Ratio Lower Upper

128 100

130 32.0 12.1 52.1

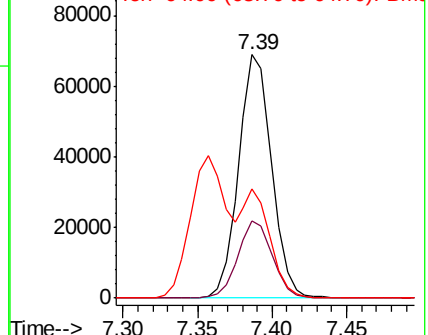
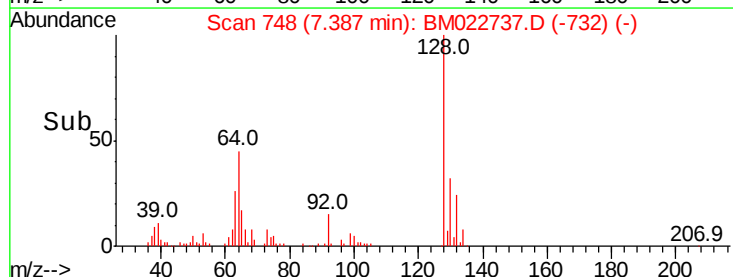
64 45.1 22.9 62.9

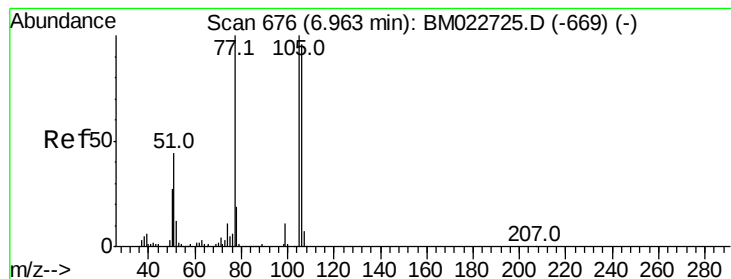


Abundance Ion 128.00 (127.70 to 128.70): BM022725.D (-741) (-)

Ion 130.00 (129.70 to 130.70): BM022725.D (-741) (-)

Ion 64.00 (63.70 to 64.70): BM022725.D (-741) (-)





#9

Benzaldehyde

Concen: 9.709 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

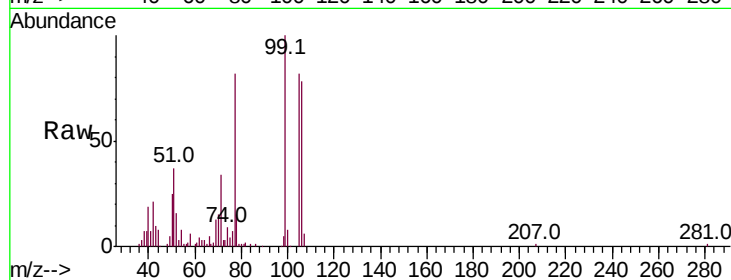
Tot Ion: 77 Resp: 91094

Ion Ratio Lower Upper

77 100

105 100.6 79.6 119.6

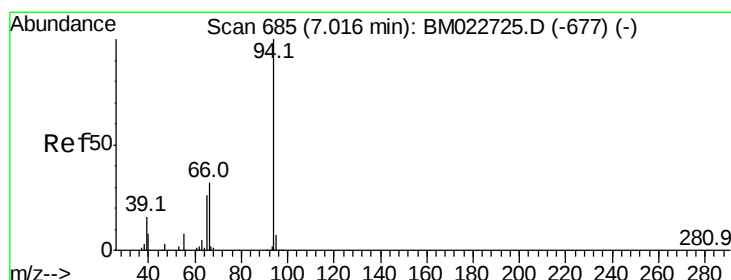
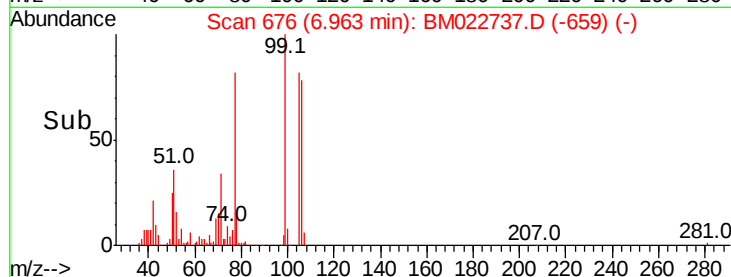
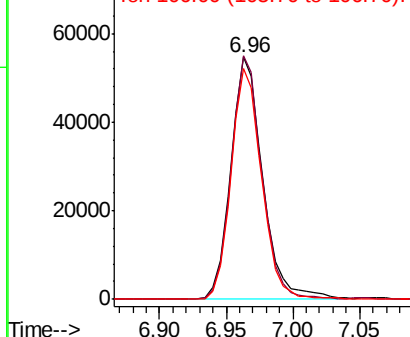
106 95.3 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BM022737.D (-659) (-)

Ion 105.00 (104.70 to 105.70): BM022737.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM022737.D (-659) (-)



#10

Phenol

Concen: 8.100 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

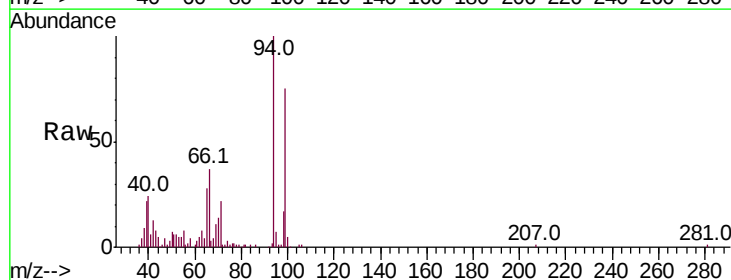
Tgt Ion: 94 Resp: 125657

Ion Ratio Lower Upper

94 100

65 28.1 6.7 46.7

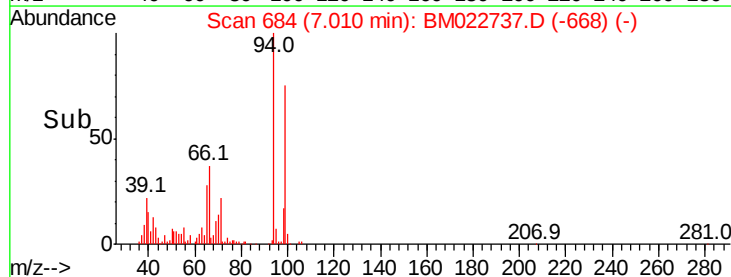
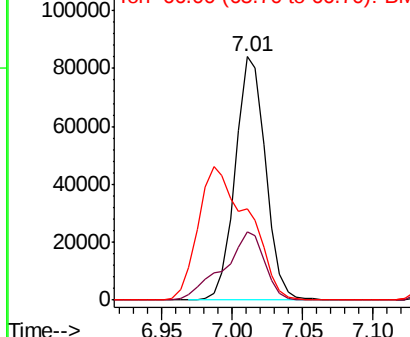
66 37.5 13.8 53.8

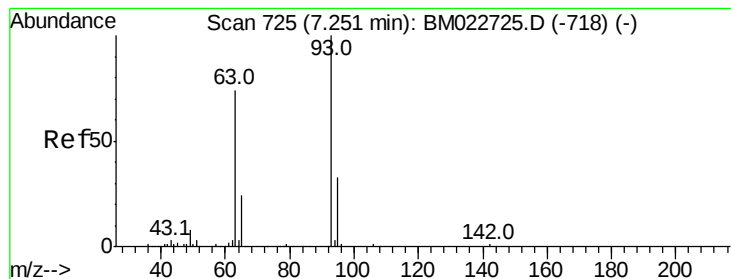


Abundance Ion 94.00 (93.70 to 94.70): BM022737.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM022737.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM022737.D (-668) (-)





#11

bis(2-Chloroethyl)ether

Concen: 7.960 ng

RT: 7.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

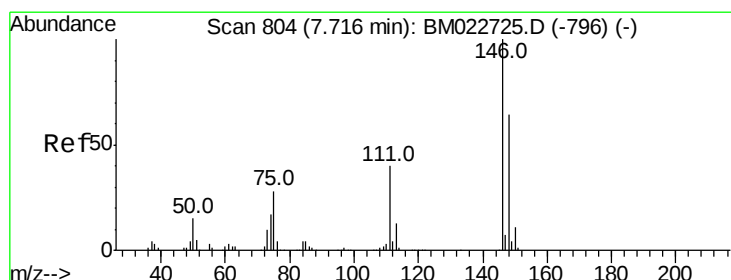
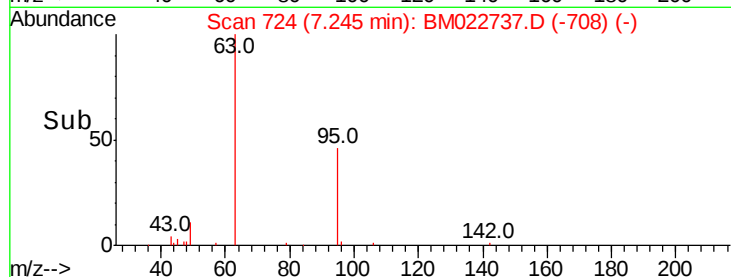
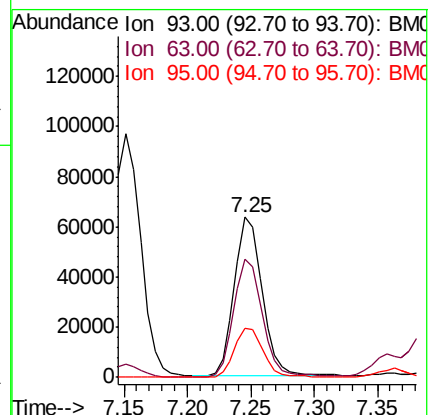
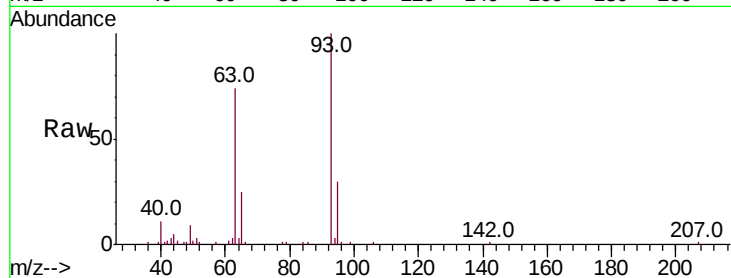
Tot Ion: 93 Resp: 97016

Ion Ratio Lower Upper

93 100

63 73.8 53.8 93.8

95 30.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 7.650 ng

RT: 7.72 min Scan# 804

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

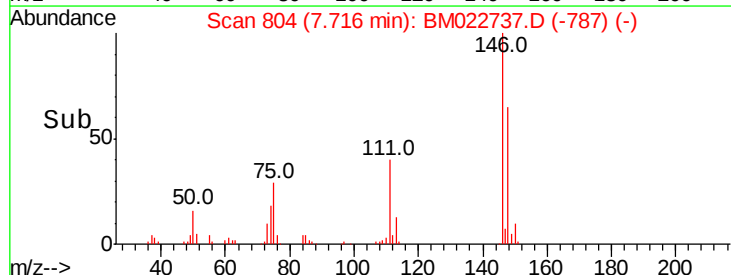
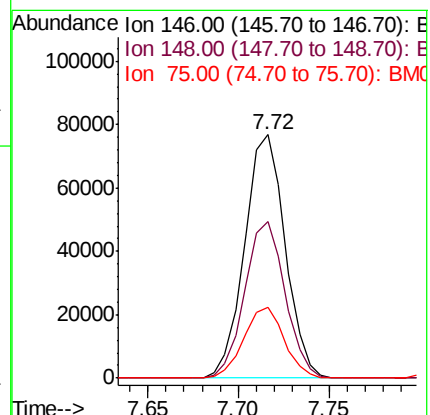
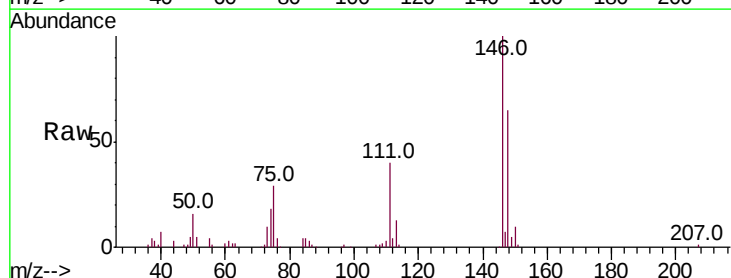
Tgt Ion: 146 Resp: 119510

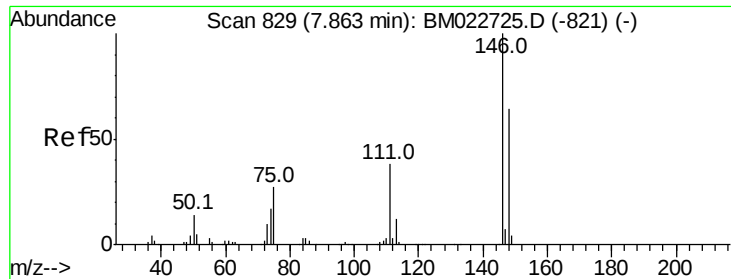
Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

75 28.9 22.5 33.7

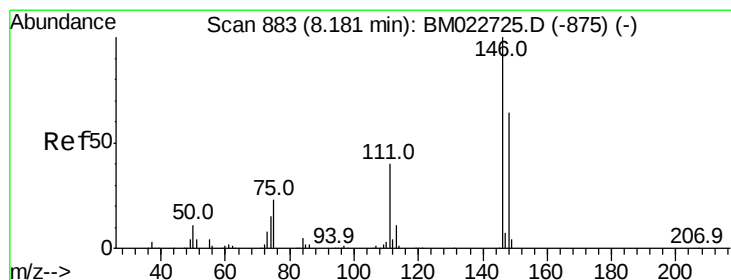
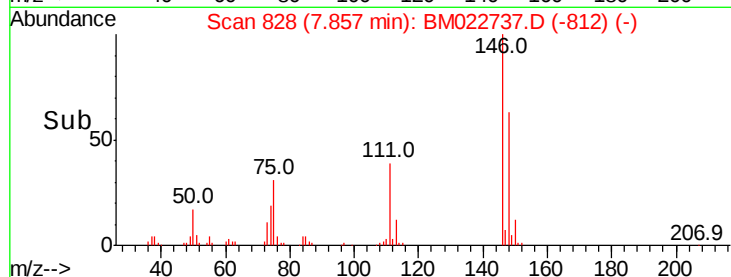
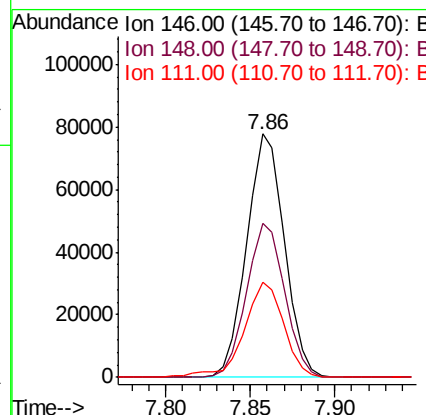
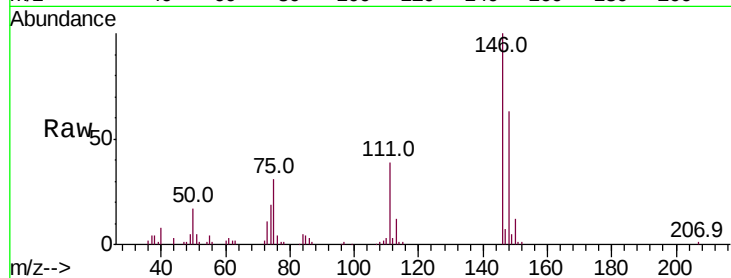




#13
 1,4-Dichlorobenzene
 Concen: 7.660 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

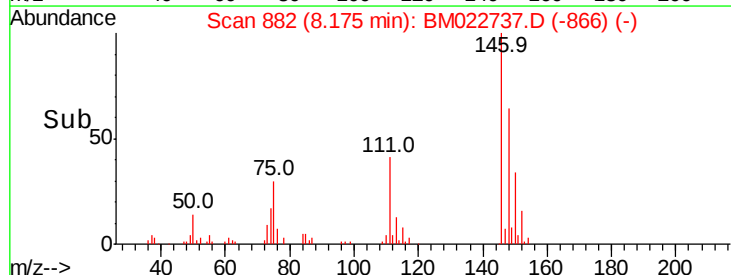
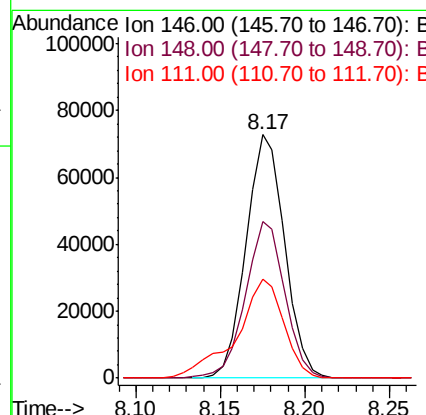
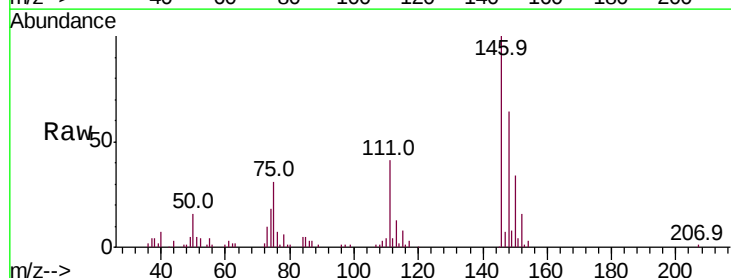
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

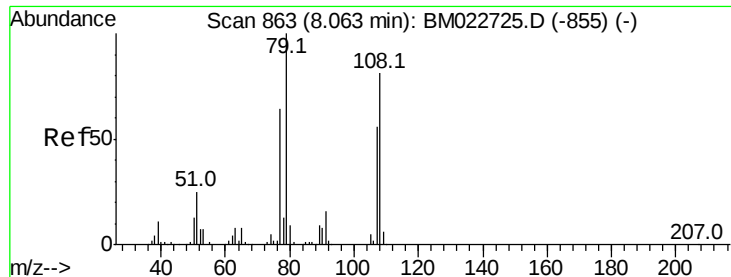
Tot Ion:146 Resp: 121154
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.4 77.0
 111 38.9 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 7.652 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion:146 Resp: 115380
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.3 76.9
 111 40.9 32.3 48.5





#15

Benzyl Alcohol

Concen: 7.609 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

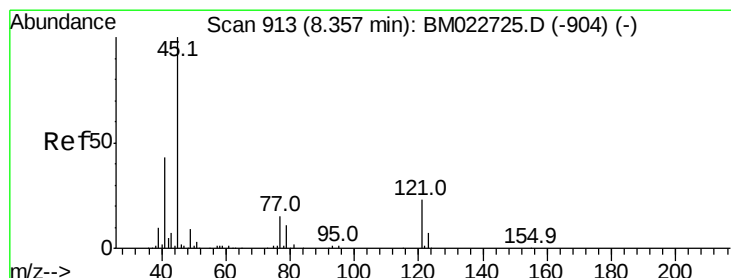
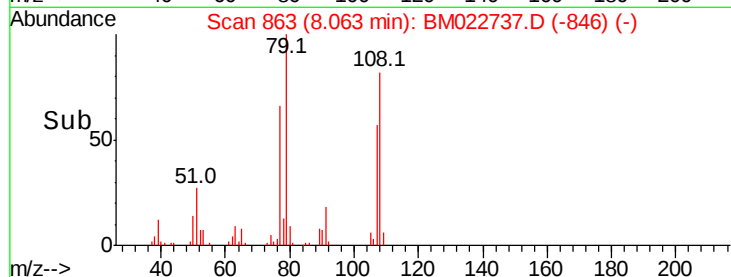
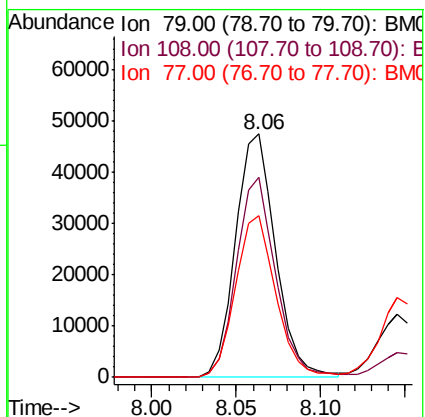
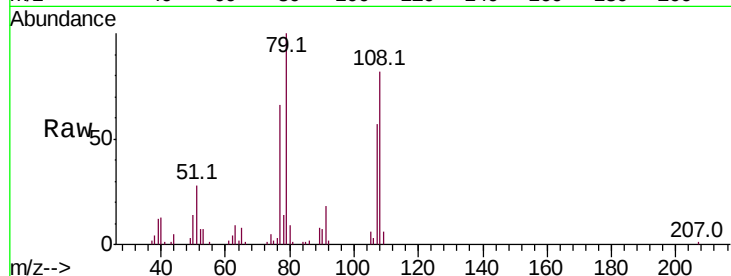
Tot Ion: 79 Resp: 78457

Ion Ratio Lower Upper

79 100

108 82.2 64.9 97.3

77 66.2 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.042 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

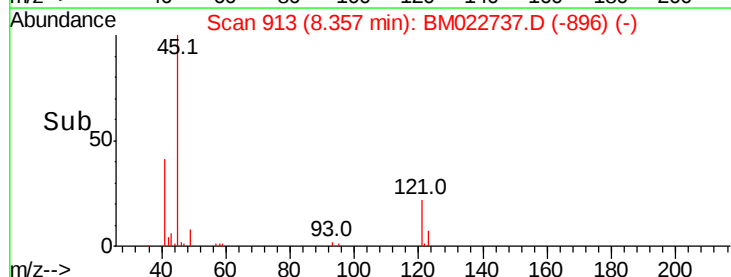
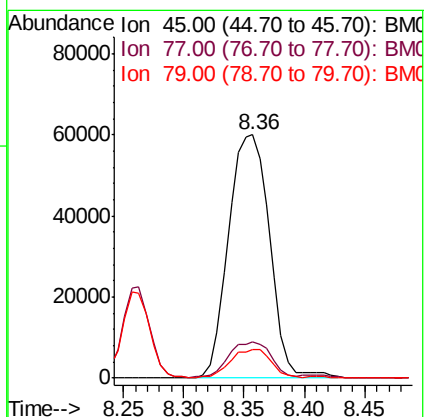
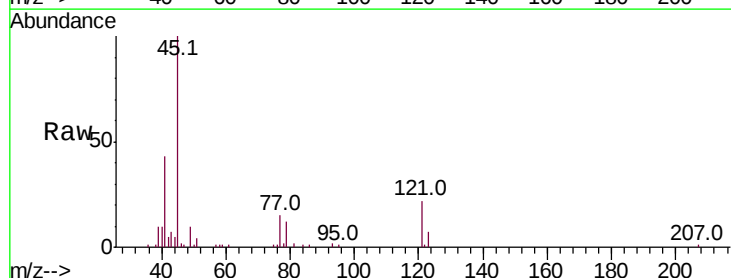
Tgt Ion: 45 Resp: 142389

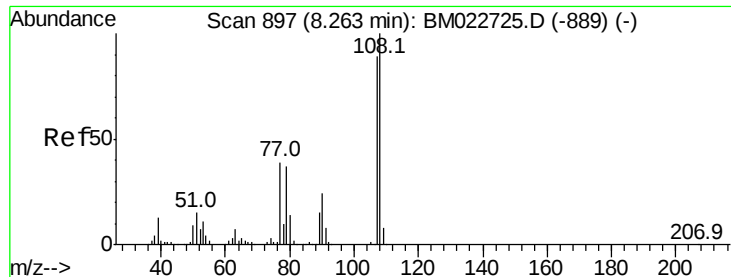
Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.1

79 11.7 0.0 31.4

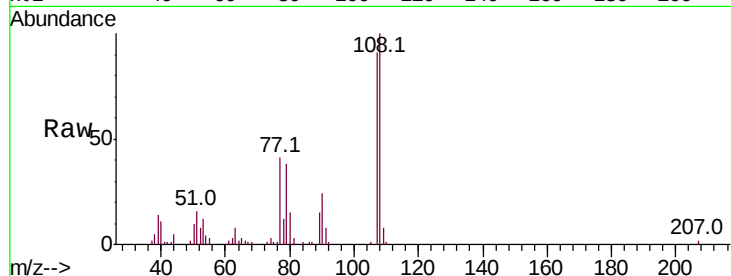




#17
2-Methylphenol
Concen: 7.489 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	107	Resp:	76902
Ion	Ratio	Lower	Upper
107	100		
108	110.5	90.0	135.0
77	45.0	35.2	52.8
79	41.8	33.4	50.2



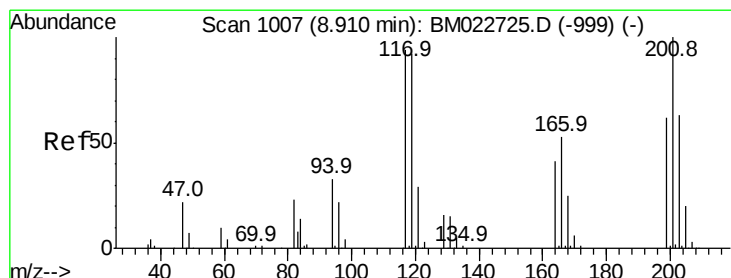
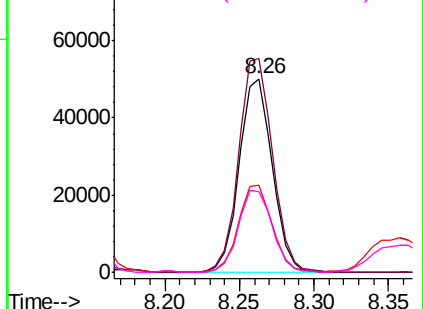
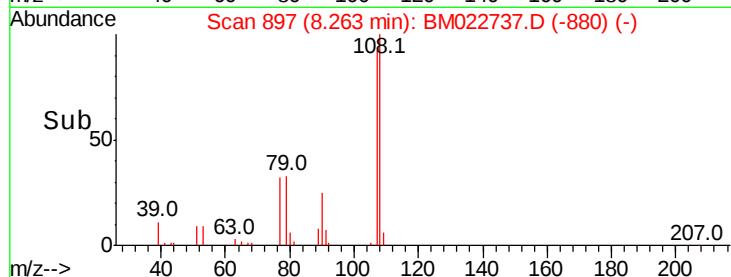
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

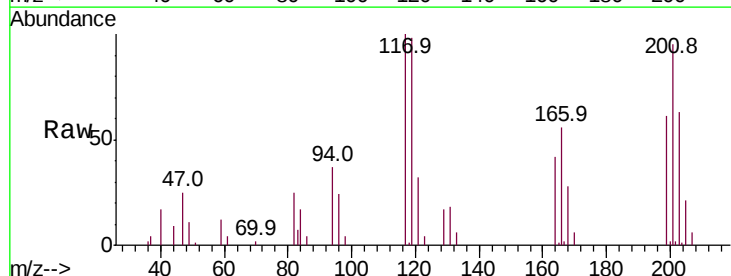
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 7.549 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion:	117	Resp:	43792
Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.0	117.0
201	95.4	85.0	127.6

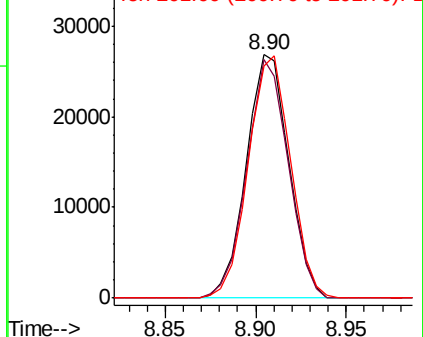
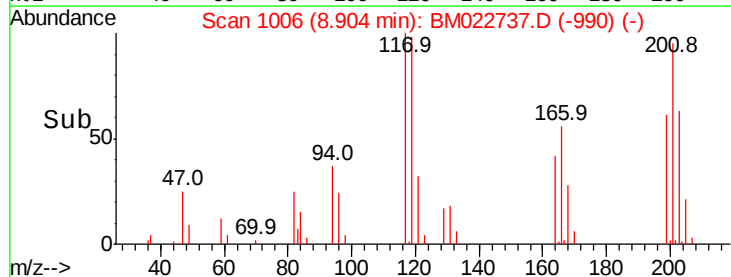


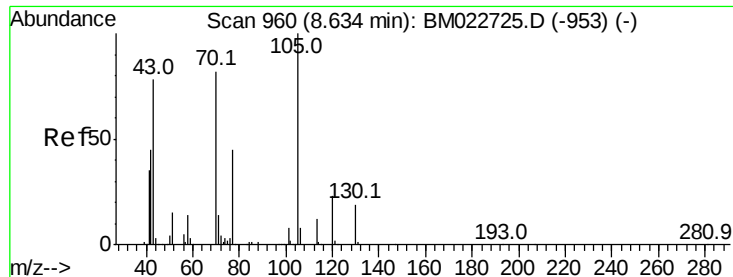
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

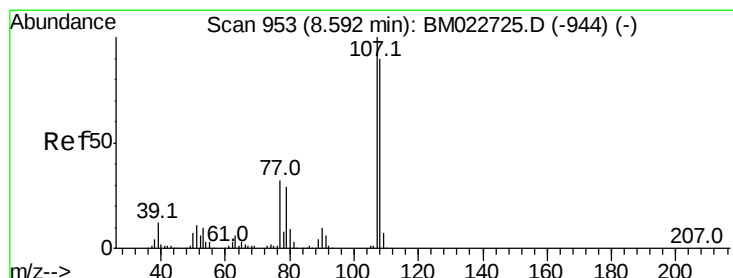
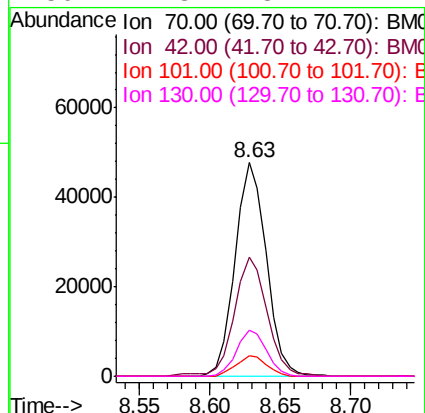
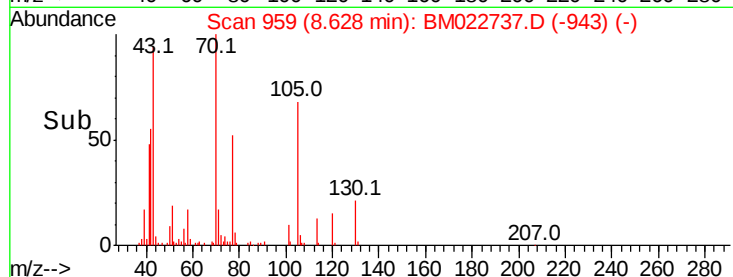
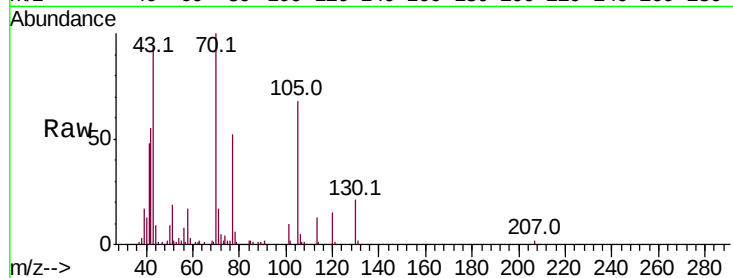




#19
n-Nitroso-di-n-propylamine
Concen: 8.025 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

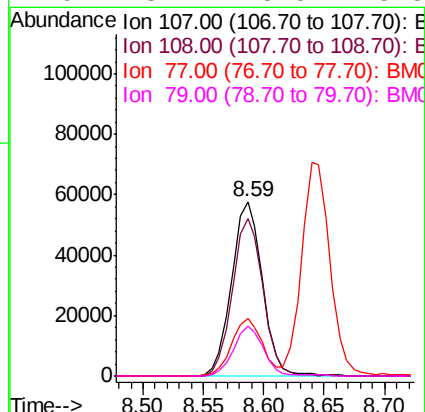
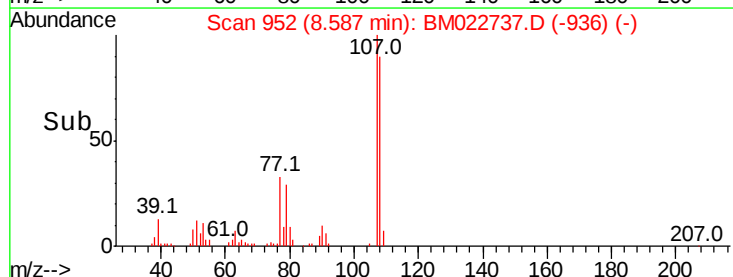
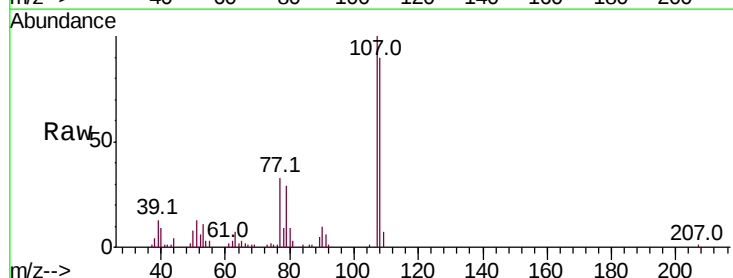
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

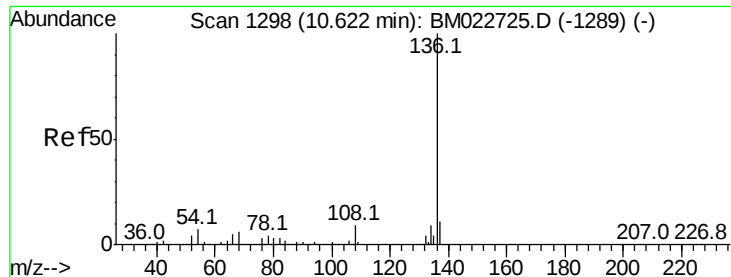
Tot Ion:	70	Resp:	73846
Ion	Ratio	Lower	Upper
70	100		
42	55.5	44.4	66.6
101	9.5	7.8	11.6
130	21.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 7.506 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion:	107	Resp:	102653
Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.1	110.1
77	32.8	12.1	52.1
79	28.7	8.5	48.5

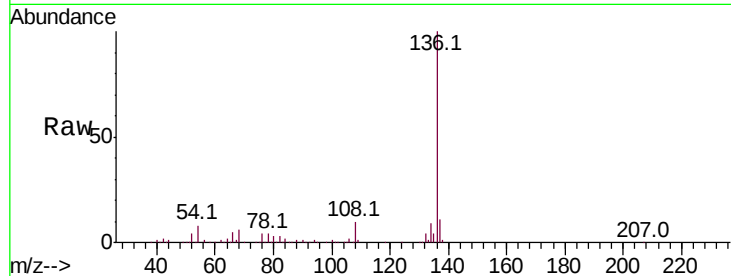




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:136	Resp:	824163	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.6	13.0	
54 7.9	6.0	9.0	
68 6.2	4.9	7.3	



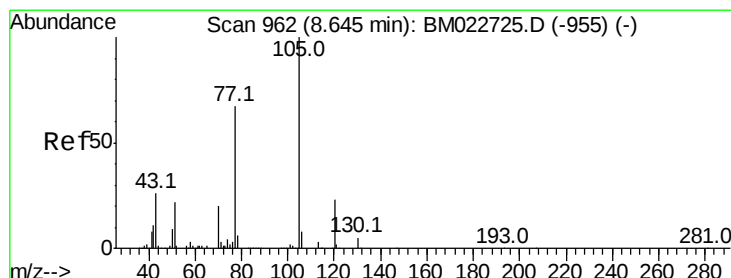
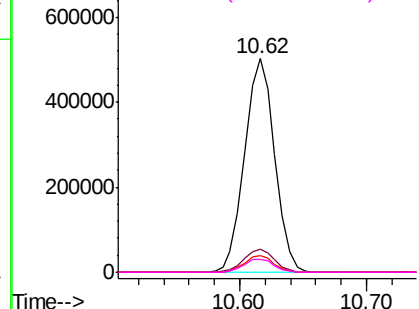
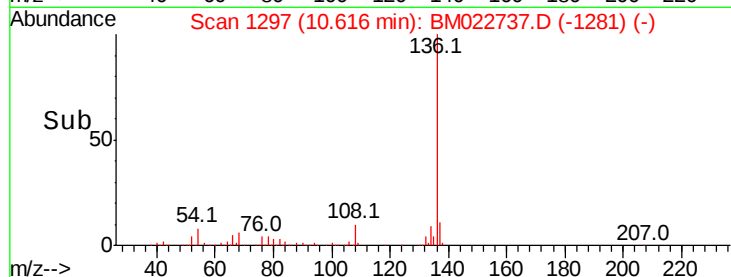
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

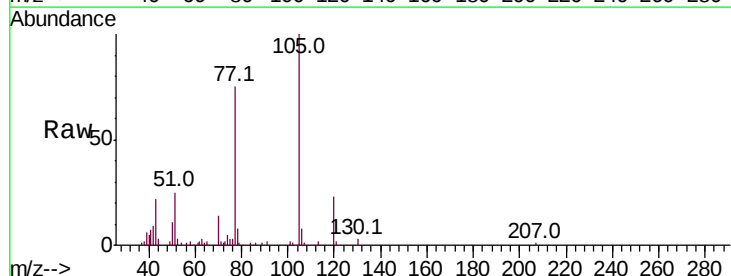
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 7.550 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt	Ion:105	Resp:	153590
Ion	Ratio	Lower	Upper
105	100		
71	2.4	2.7	4.1#
51	25.4	19.9	29.9
120	22.7	18.3	27.5



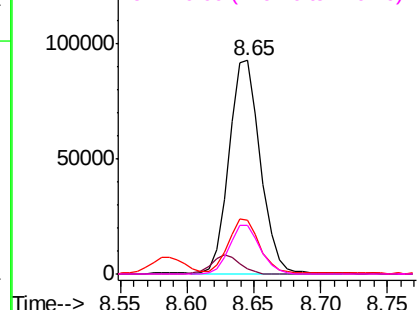
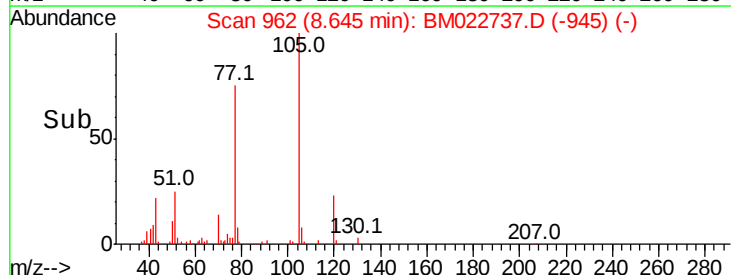
Abundance

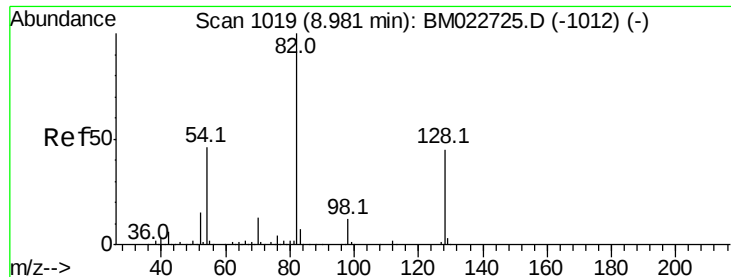
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



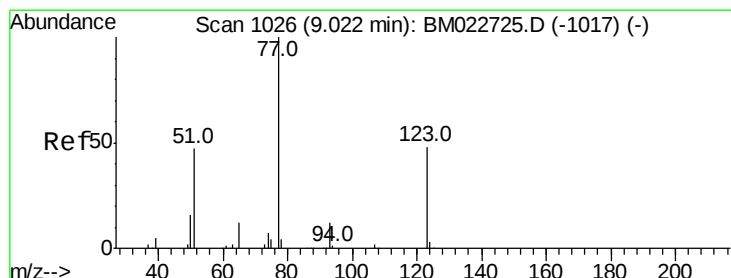
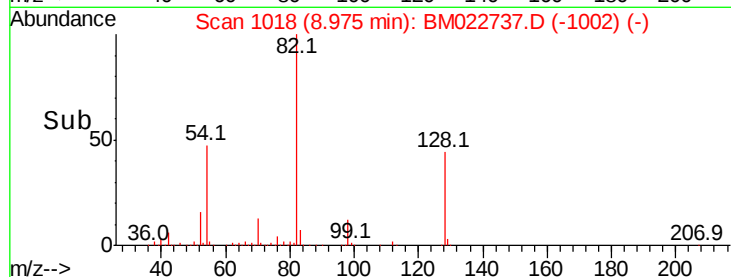
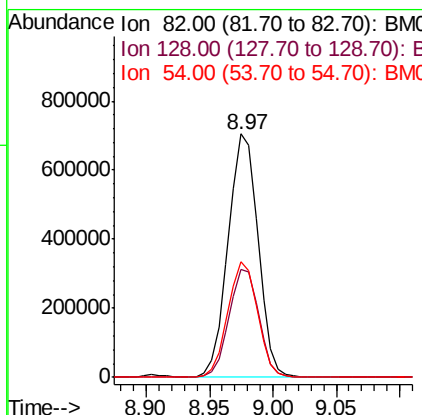
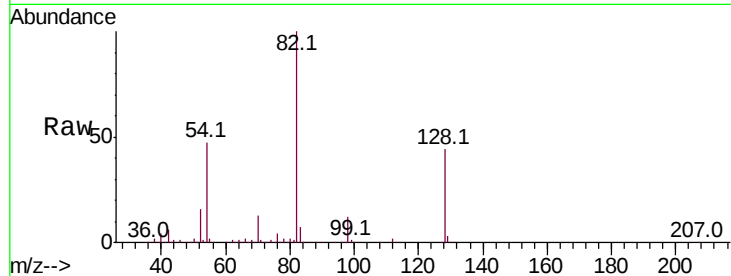


#23
 Nitrobenzene-d5
 Concen: 77.341 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion: 82 Resp: 1148288

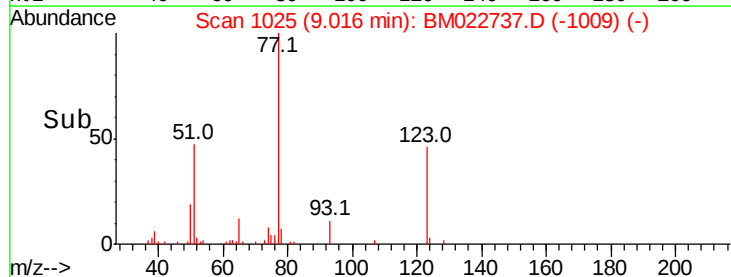
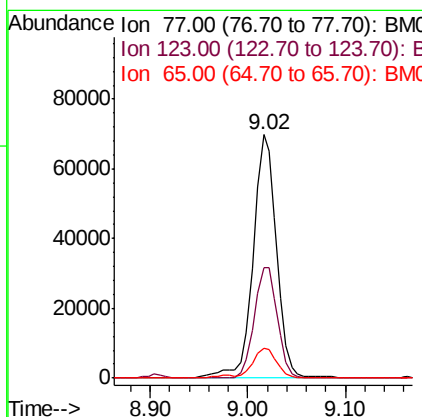
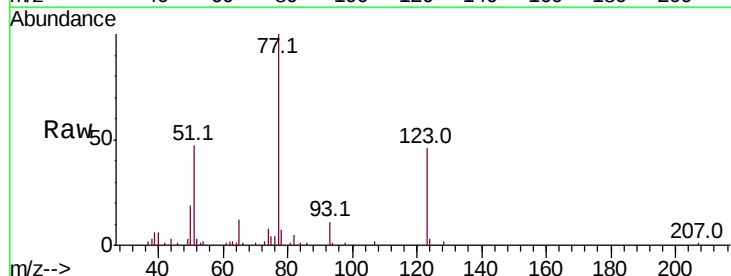
Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.0	54.0
54	47.2	37.1	55.7

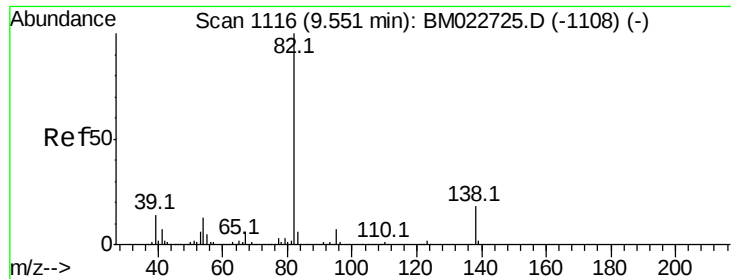


#24
 Nitrobenzene
 Concen: 8.318 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion: 77 Resp: 118163

Ion	Ratio	Lower	Upper
77	100		
123	45.5	38.0	57.0
65	12.3	10.0	15.0





#25

Isophorone

Concen: 7.587 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

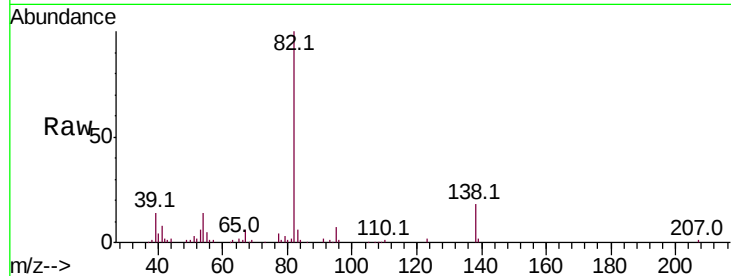
Tot Ion: 82 Resp: 185223

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

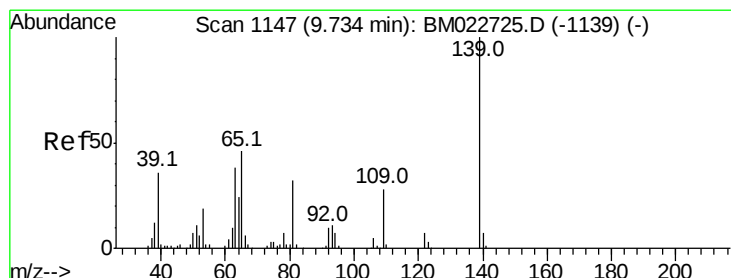
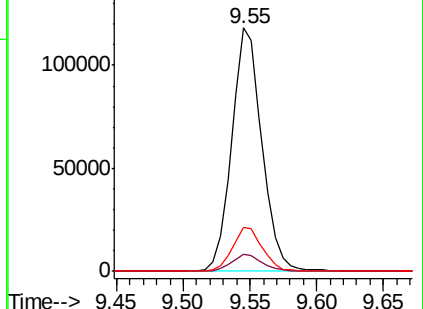
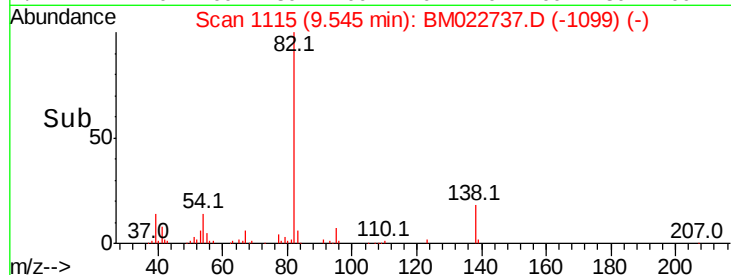
138 18.0 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM022725.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM022737.D (-1099) (-)

Ion 138.00 (137.70 to 138.70): BM022737.D (-1099) (-)



#26

2-Nitrophenol

Concen: 6.215 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

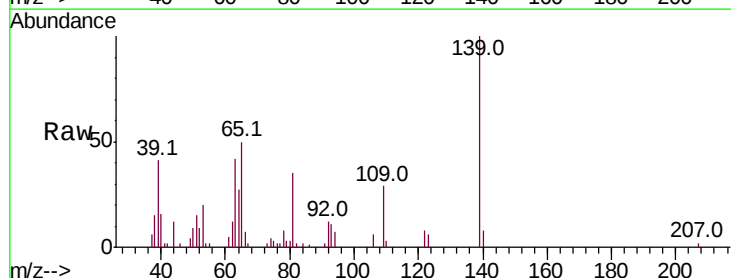
Tgt Ion: 139 Resp: 38116

Ion Ratio Lower Upper

139 100

109 29.4 22.6 33.8

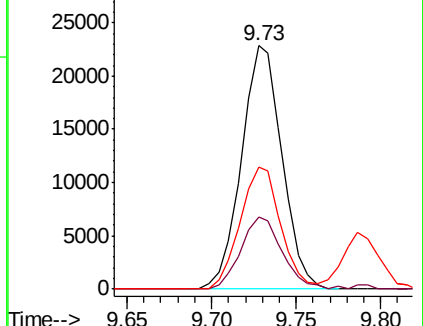
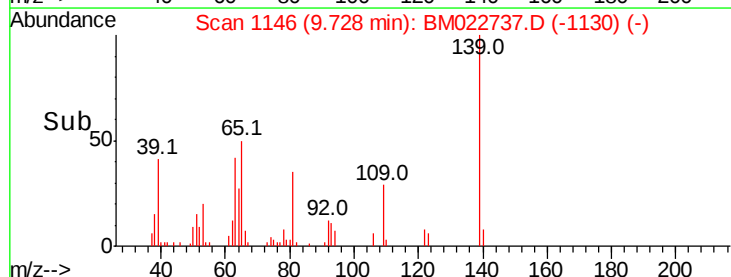
65 50.0 37.0 55.4

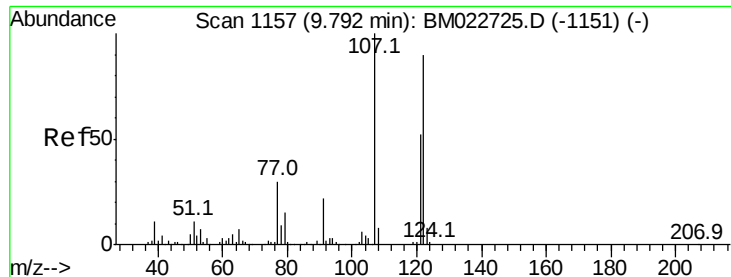


Abundance Ion 139.00 (138.70 to 139.70): BM022725.D (-1139) (-)

Ion 109.00 (108.70 to 109.70): BM022737.D (-1130) (-)

Ion 65.00 (64.70 to 65.70): BM022737.D (-1130) (-)





#27

2,4-Dimethylphenol

Concen: 7.478 ng

RT: 9.79 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

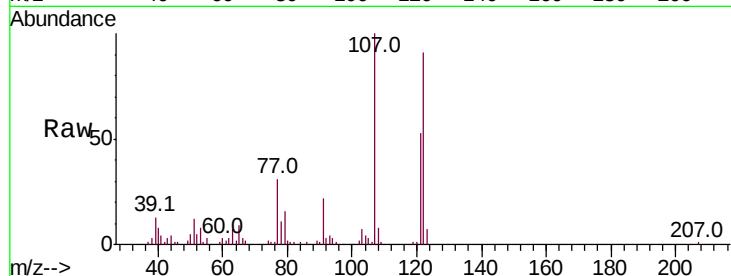
Tot Ion:122 Resp: 76777

Ion Ratio Lower Upper

122 100

107 110.5 88.9 133.3

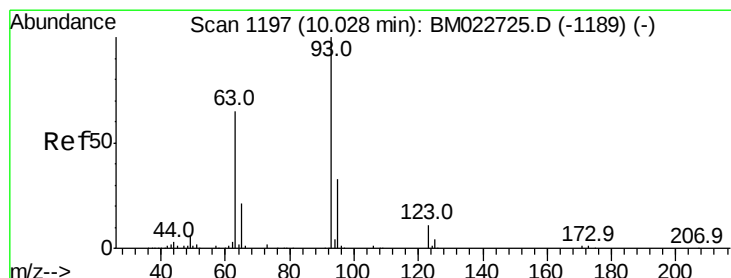
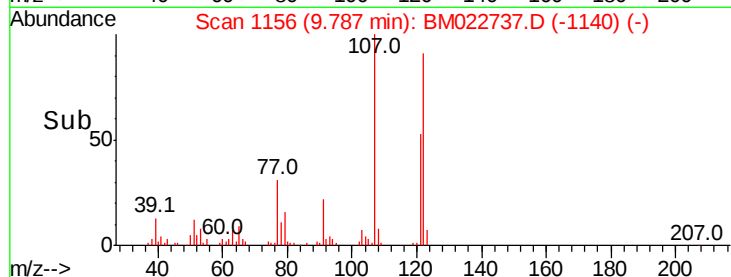
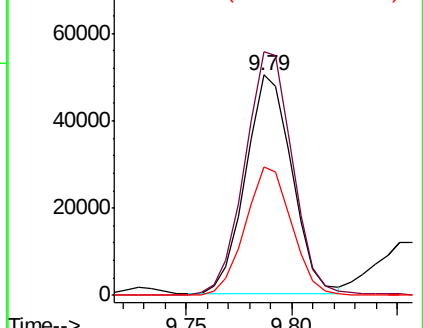
121 58.4 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 7.574 ng

RT: 10.03 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

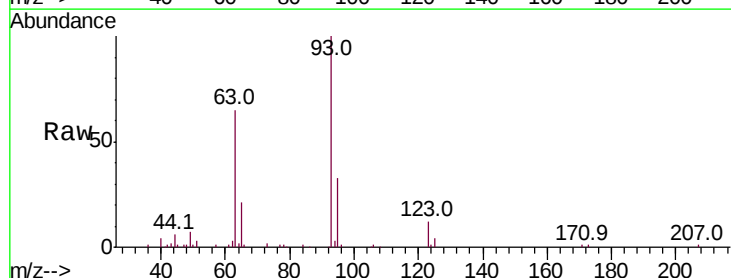
Tgt Ion: 93 Resp: 127950

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

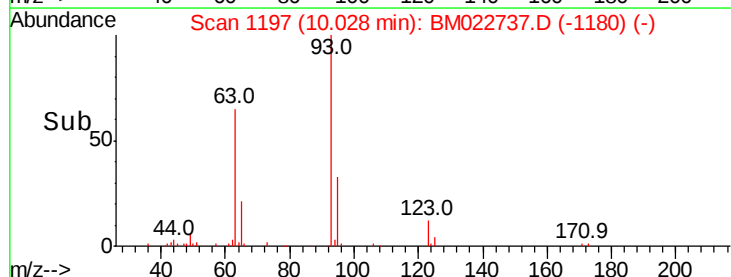
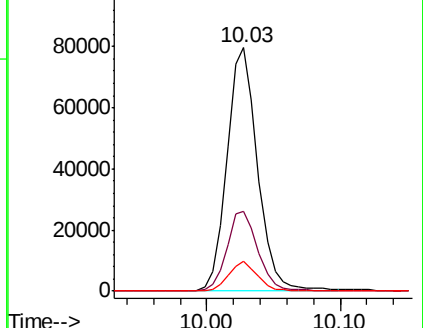
123 12.0 9.0 13.6

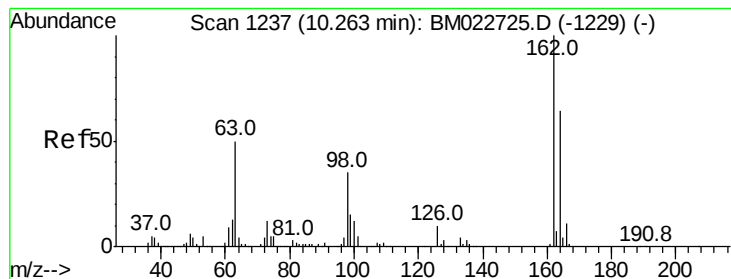


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 7.076 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

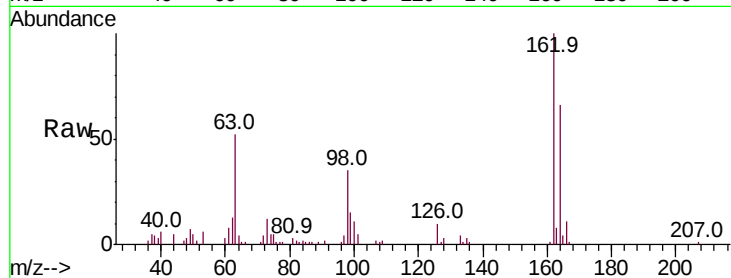
Tot Ion:162 Resp: 82132

Ion Ratio Lower Upper

162 100

164 65.7 44.4 84.4

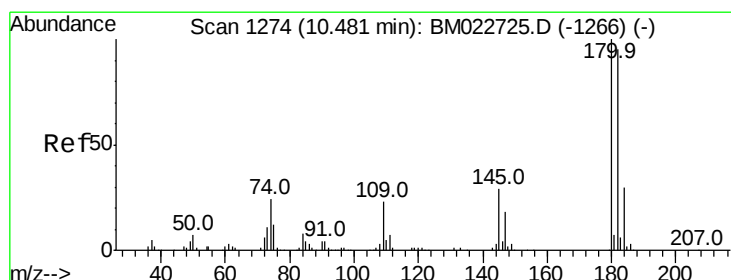
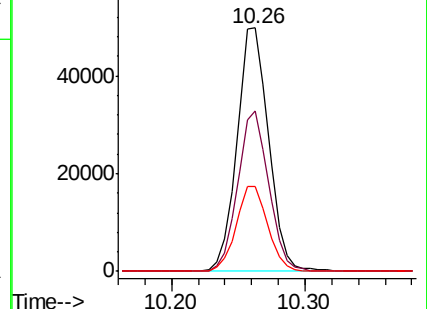
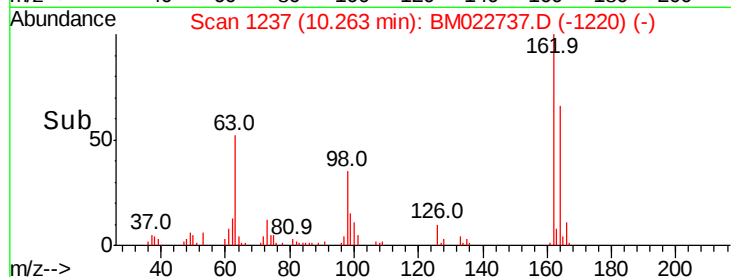
98 35.0 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 7.438 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

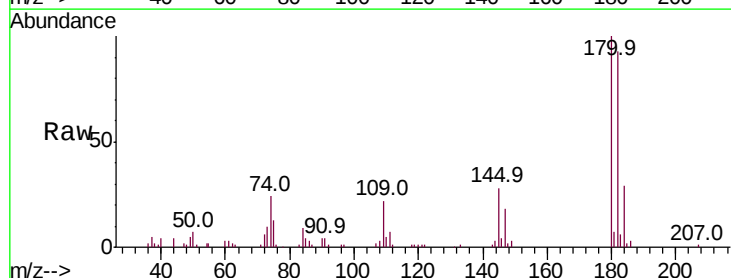
Tgt Ion:180 Resp: 106221

Ion Ratio Lower Upper

180 100

182 92.9 76.2 114.2

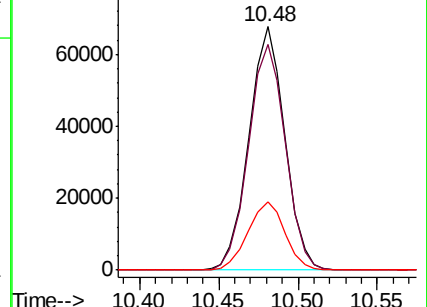
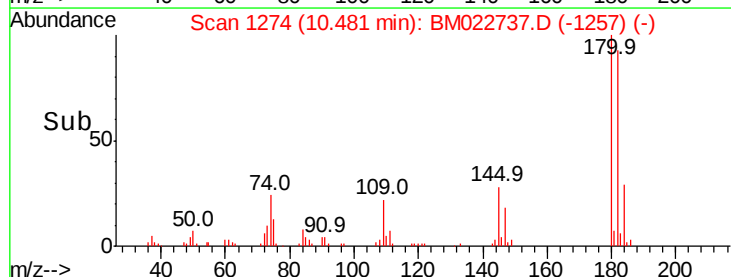
145 28.3 23.0 34.4

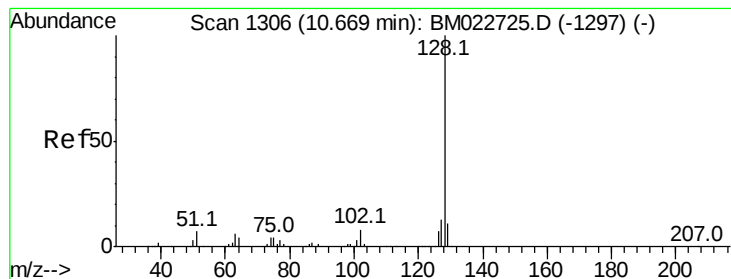


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 7.963 ng

RT: 10.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

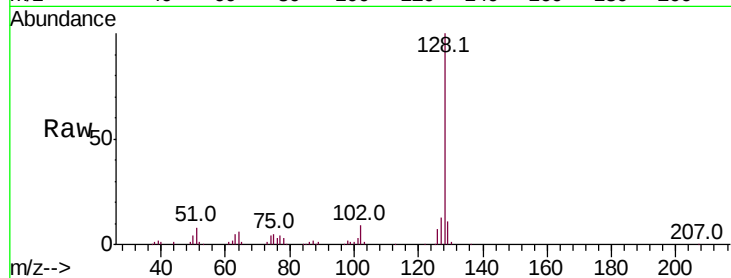
Tot Ion:128 Resp: 324287

Ion Ratio Lower Upper

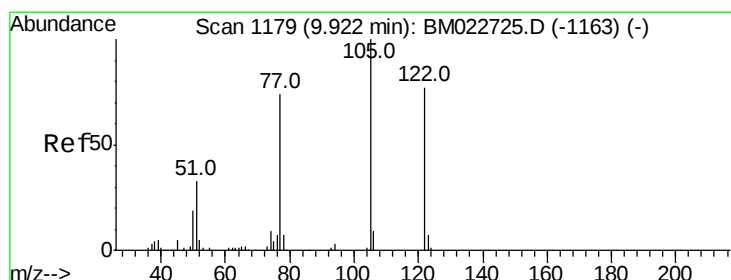
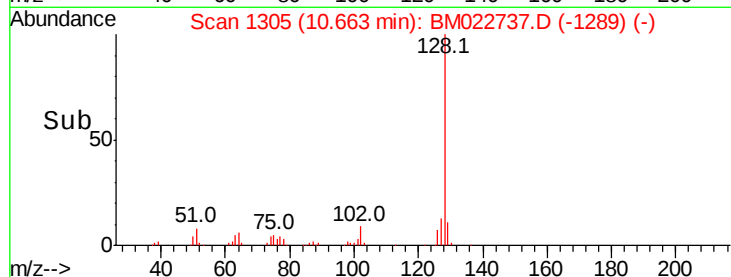
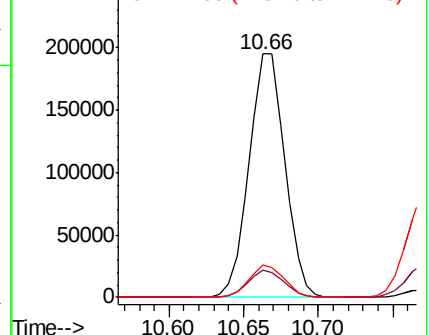
128 100

129 11.3 8.8 13.2

127 13.2 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.798 ng

RT: 9.86 min Scan# 1168

Delta R.T. -0.06 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

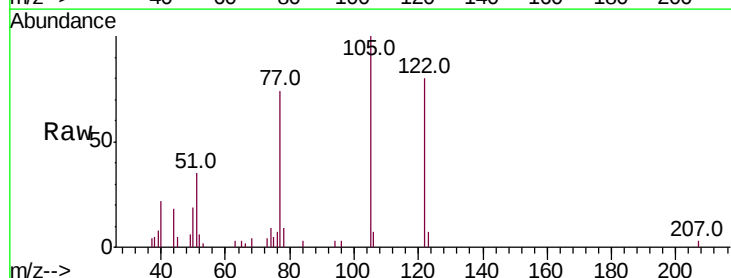
Tgt Ion:122 Resp: 22093

Ion Ratio Lower Upper

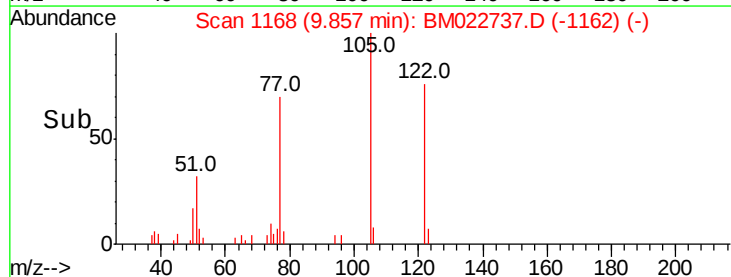
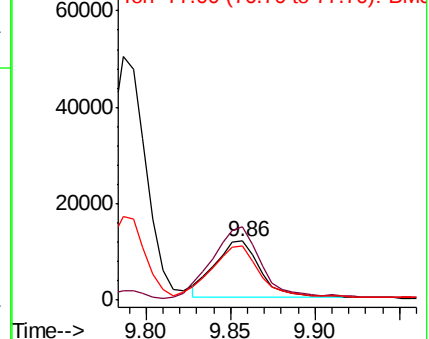
122 100

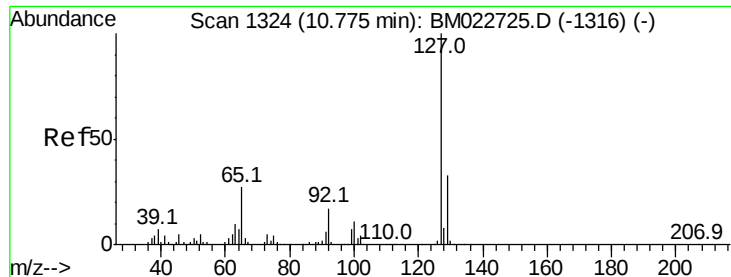
105 124.6 105.3 145.3

77 92.8 74.7 114.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

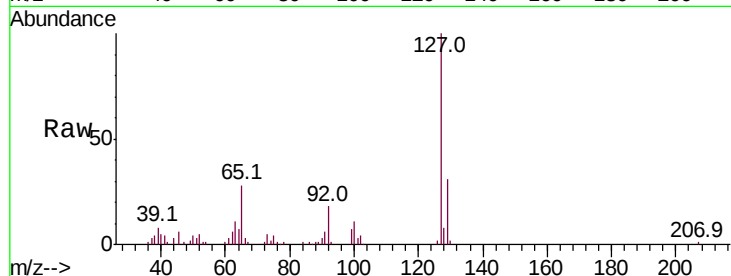




#33
4-Chloroaniline
Concen: 7.443 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:	127	Resp:	131593
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.1	39.1
65	28.5	22.0	33.0
92	17.6	13.8	20.8



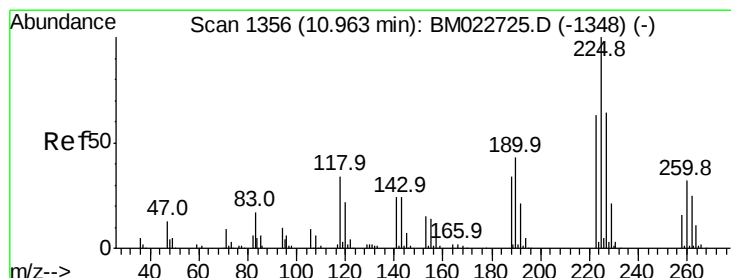
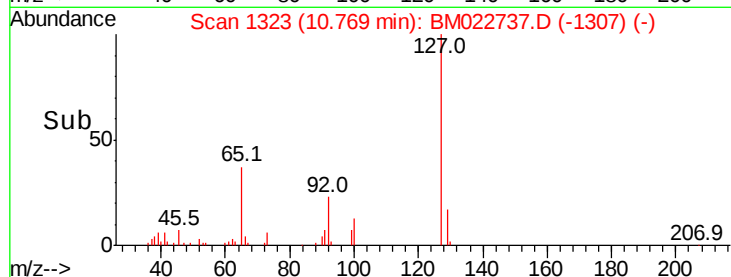
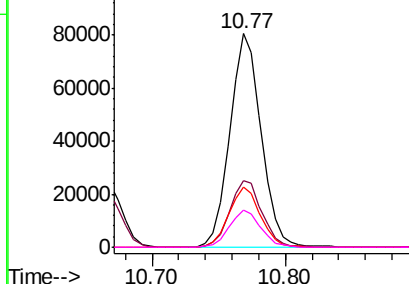
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

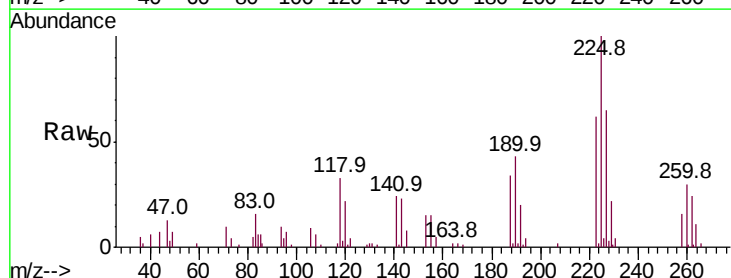
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 7.138 ng
RT: 10.96 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion:	225	Resp:	60769
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.4
227	64.6	51.0	76.4

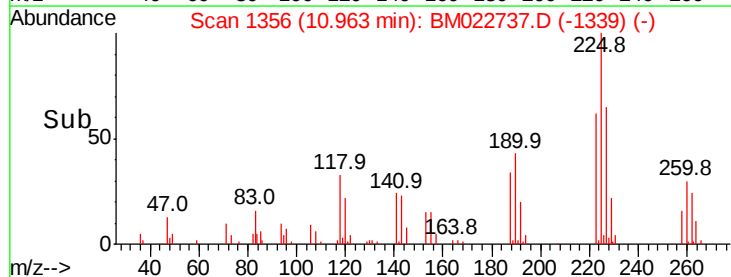
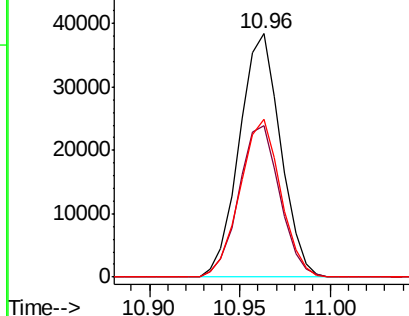


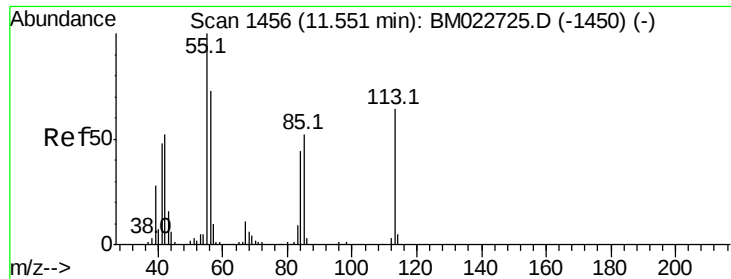
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 5.834 ng

RT: 11.55 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

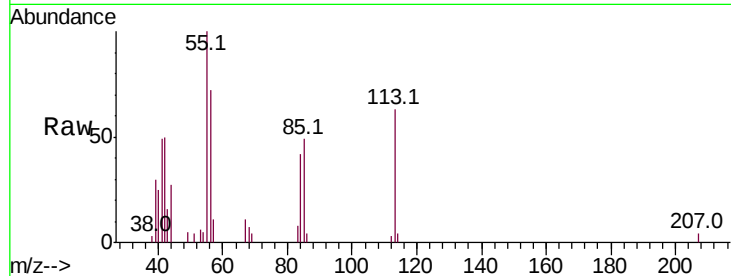
Tot Ion:113 Resp: 20074

Ion Ratio Lower Upper

113 100

55 158.0 136.8 176.8

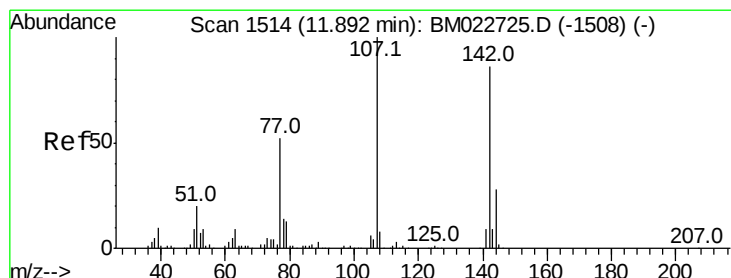
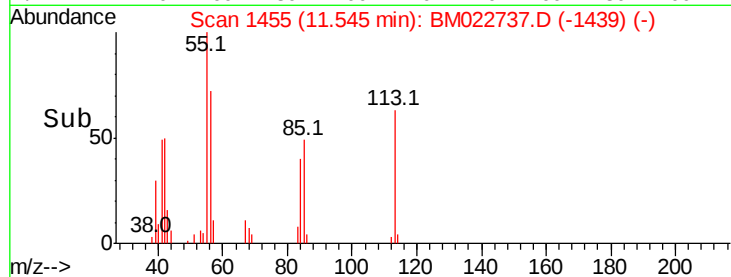
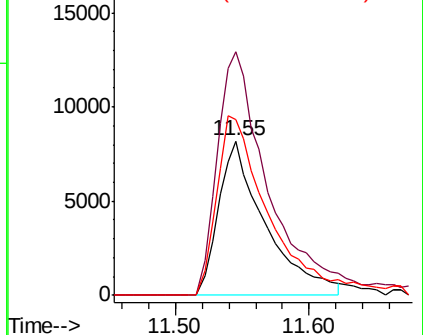
56 114.2 95.2 135.2



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



#36

4-Chloro-3-methylphenol

Concen: 7.208 ng

RT: 11.89 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

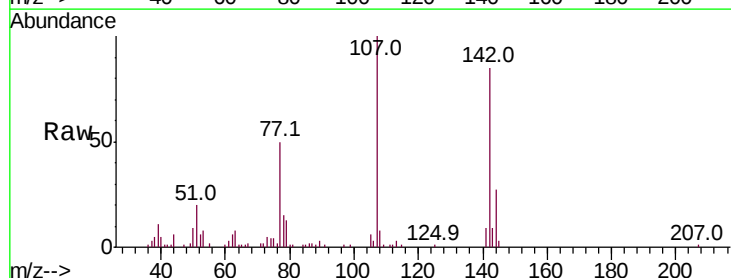
Tgt Ion:107 Resp: 81627

Ion Ratio Lower Upper

107 100

144 27.0 22.4 33.6

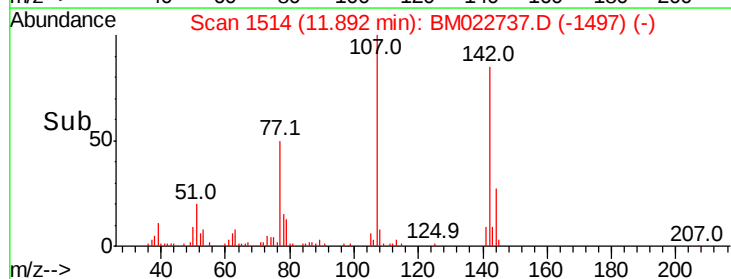
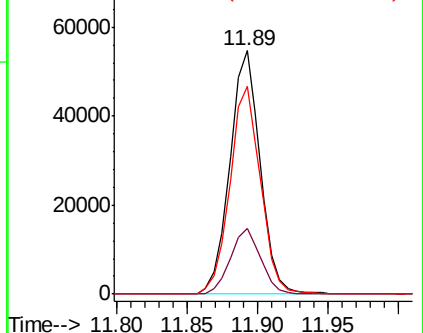
142 85.2 68.2 102.4

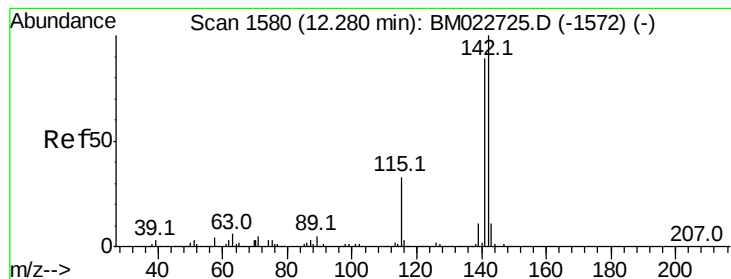


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 7.904 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

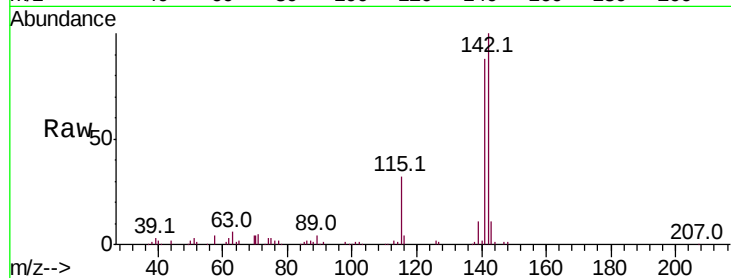
Tot Ion:142 Resp: 224037

Ion Ratio Lower Upper

142 100

141 88.0 71.5 107.3

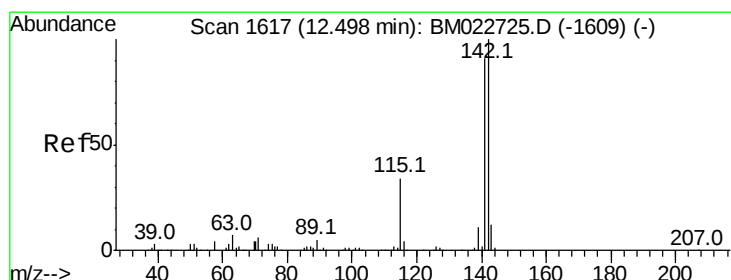
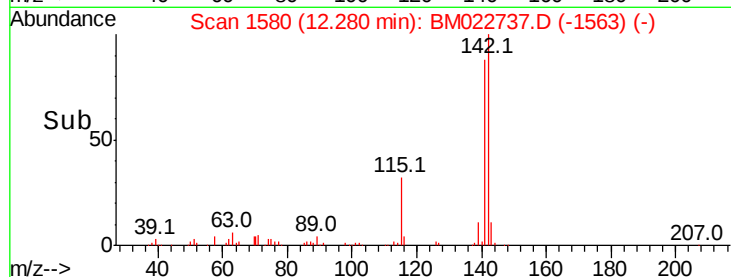
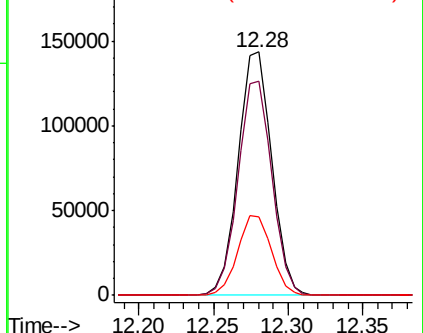
115 32.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 7.848 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

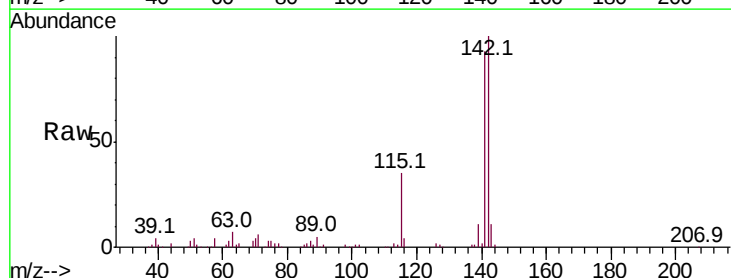
Tgt Ion:142 Resp: 211165

Ion Ratio Lower Upper

142 100

141 92.7 73.0 109.4

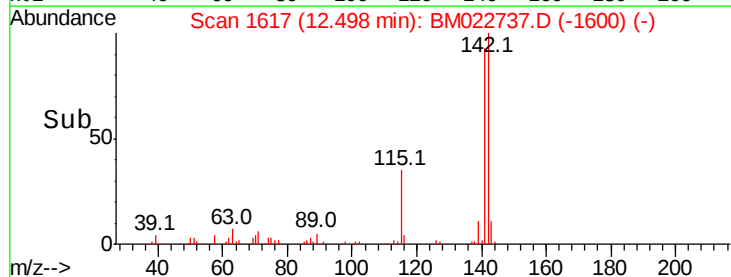
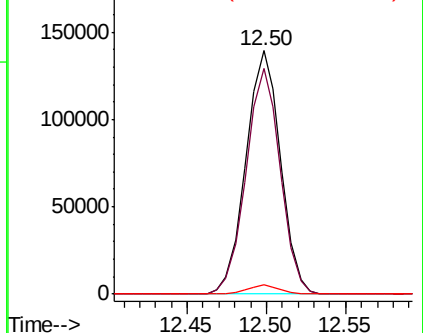
116 3.7 2.9 4.3

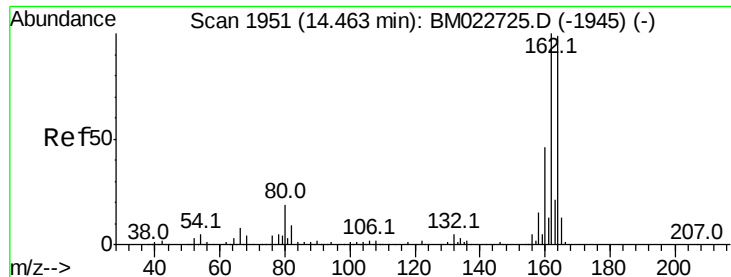


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

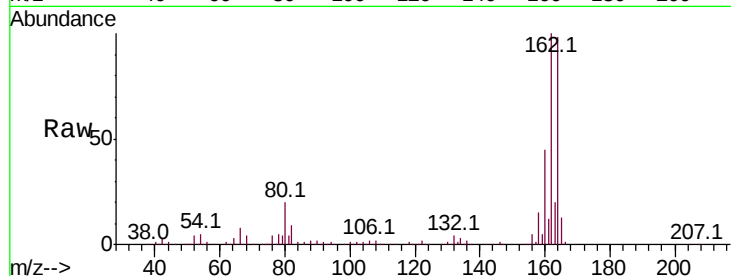
Tot Ion:164 Resp: 480248

Ion Ratio Lower Upper

164 100

162 101.6 81.1 121.7

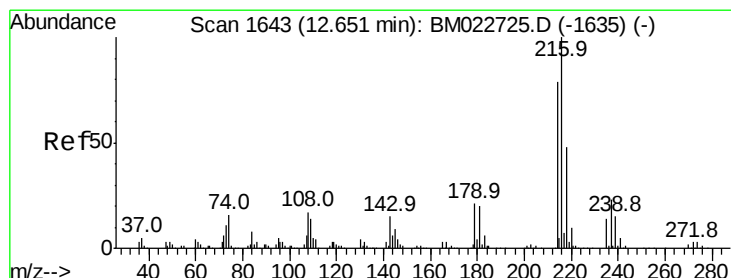
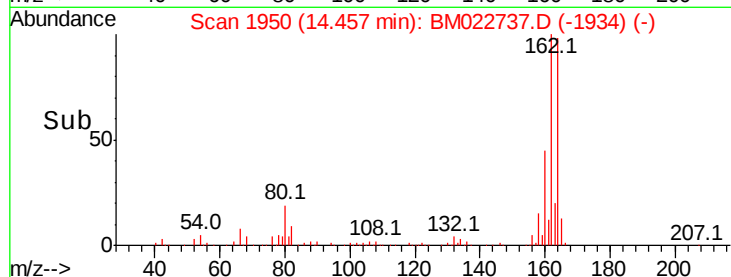
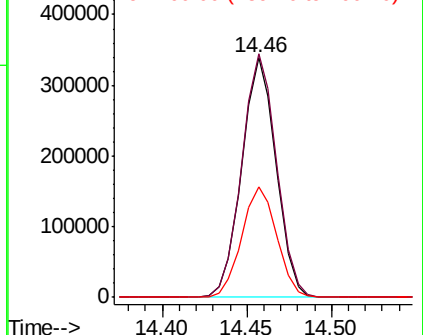
160 46.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.855 ng

RT: 12.65 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Tgt Ion:216 Resp: 111553

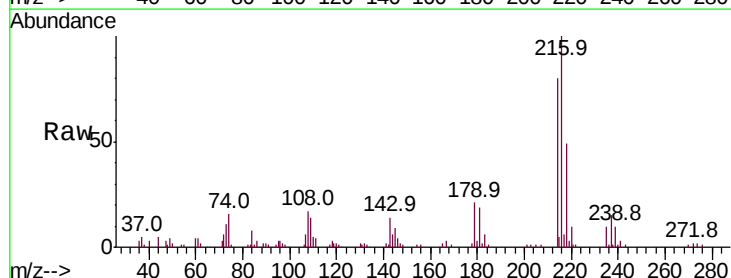
Ion Ratio Lower Upper

216 100

214 79.4 62.9 94.3

179 21.0 16.6 24.8

108 19.0 14.2 21.4

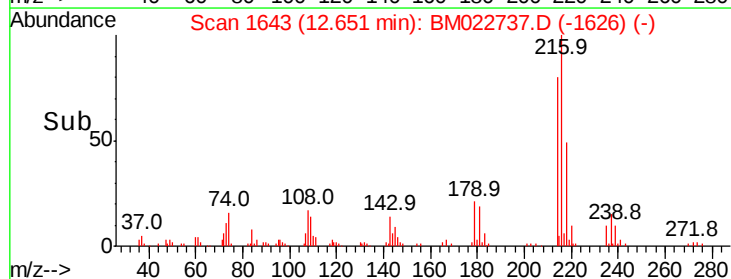
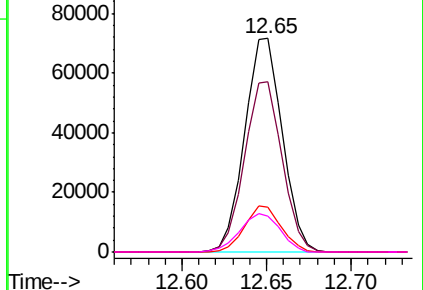


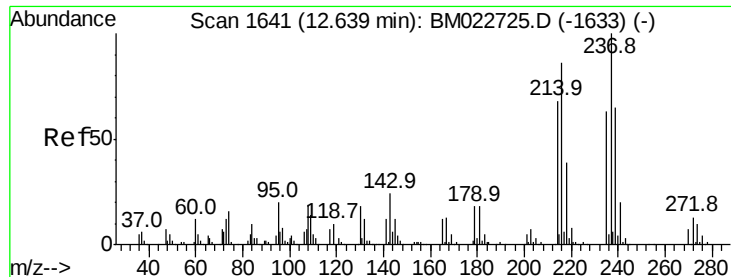
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 6.973 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

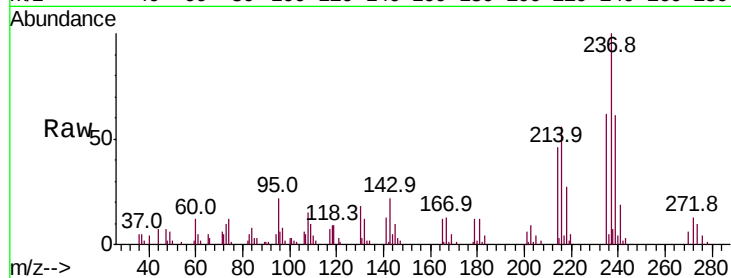
Tot Ion:237 Resp: 61907

Ion Ratio Lower Upper

237 100

235 61.8 43.3 83.3

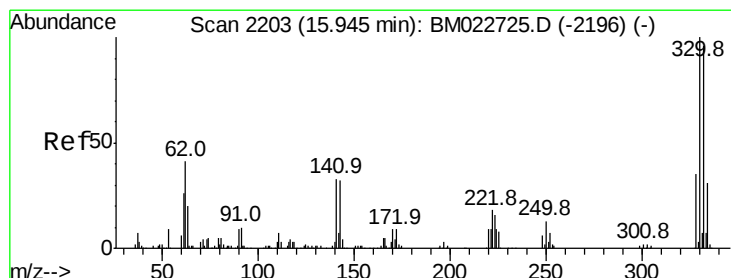
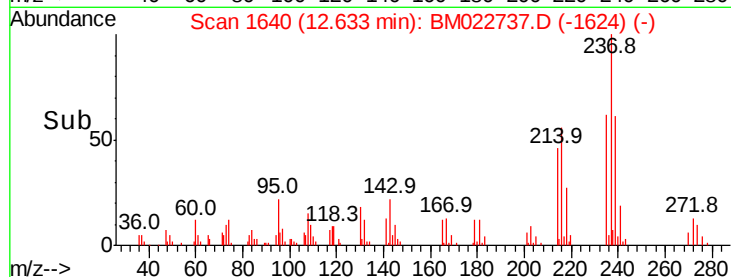
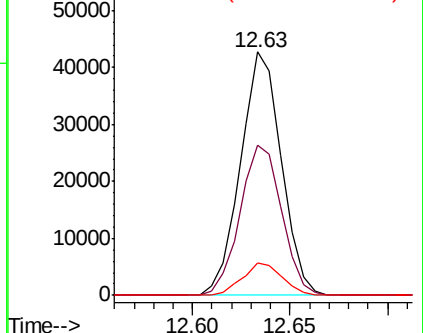
272 13.1 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 94.772 ng

RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

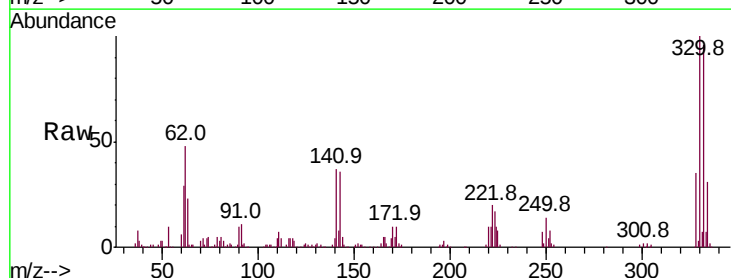
Tgt Ion:330 Resp: 568170

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

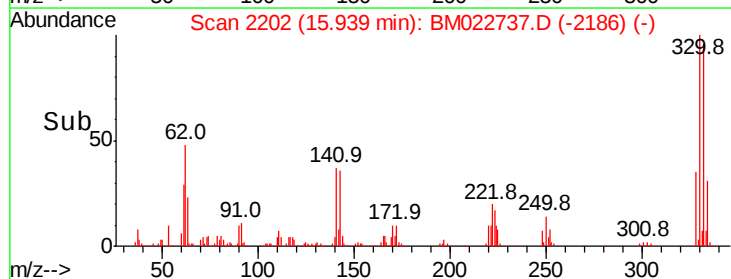
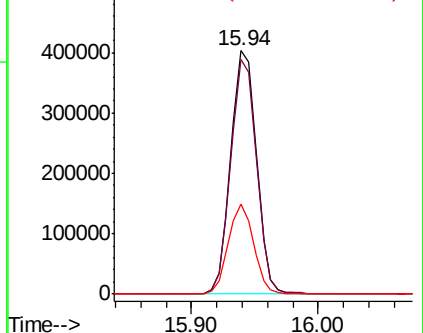
141 36.2 28.6 42.8

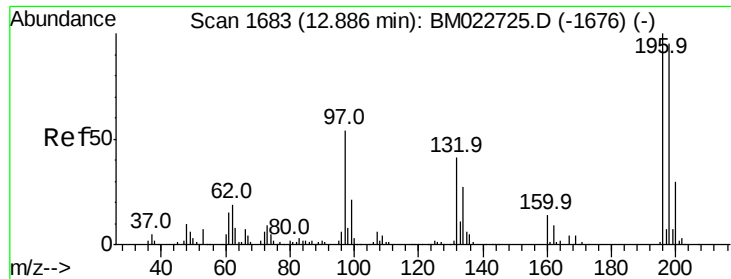


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

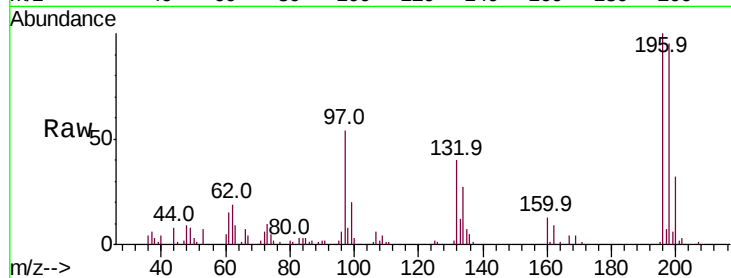




#43
 2,4,6-Trichlorophenol
 Concen: 6.411 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.3	114.5
200	32.0	24.4	36.6

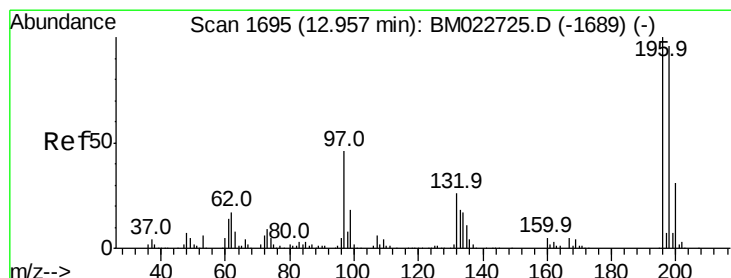
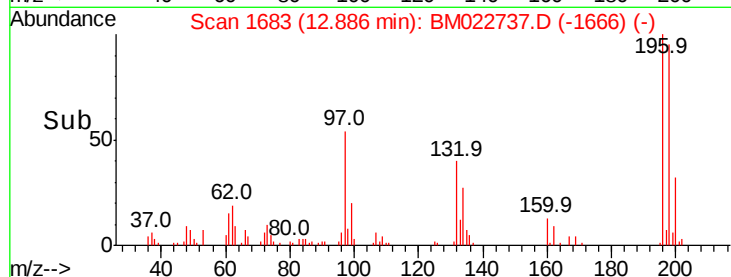
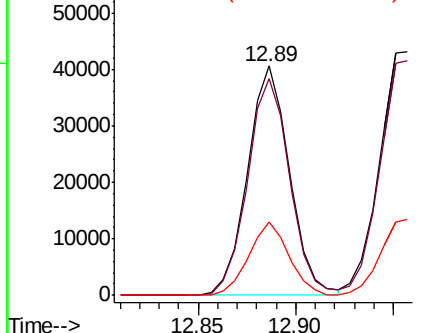


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 6.976 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.0	115.4
97	47.1	37.2	55.8
132	26.0	20.8	31.2

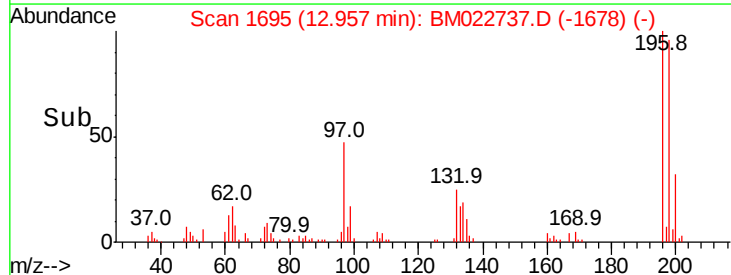
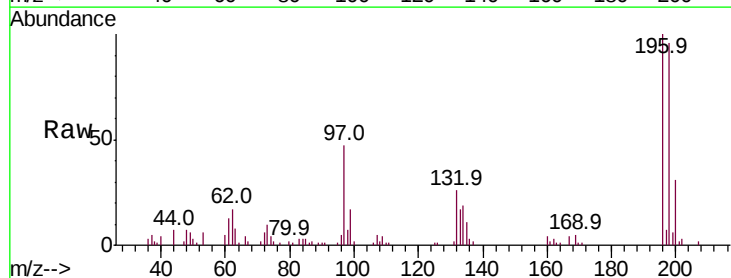
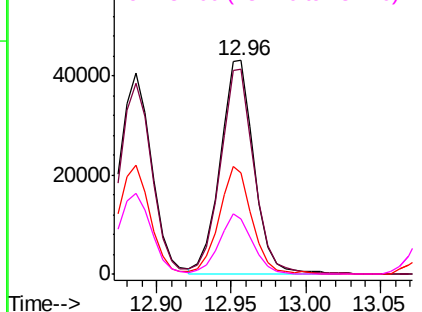
Abundance

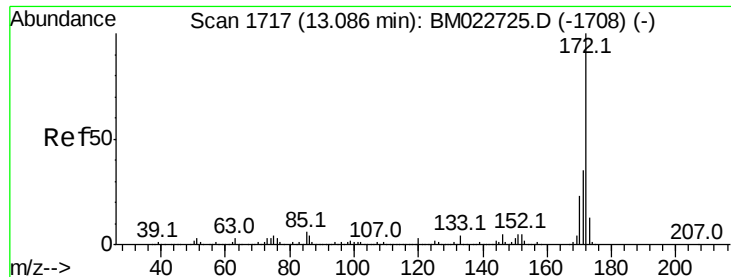
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

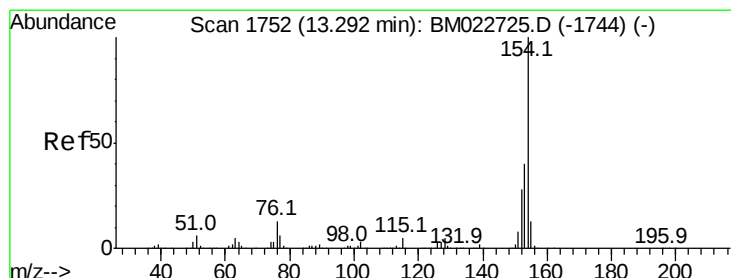
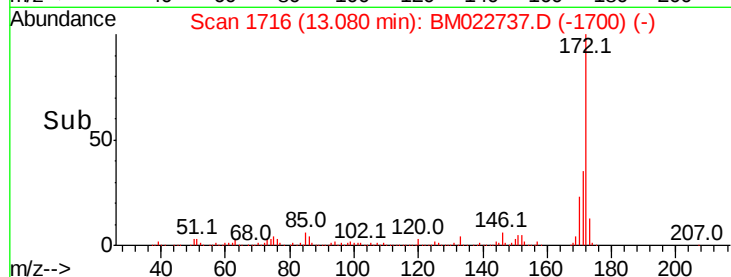
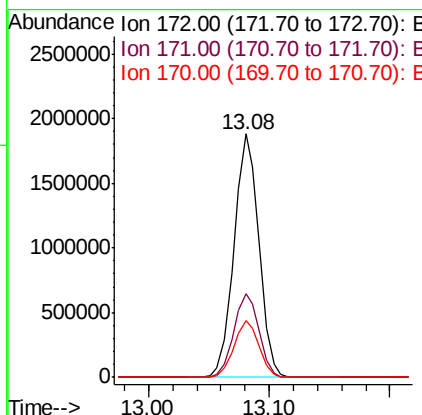
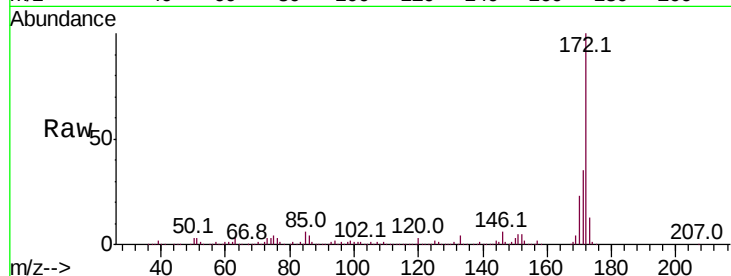




#45
2-Fluorobiphenyl
Concen: 77.177 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

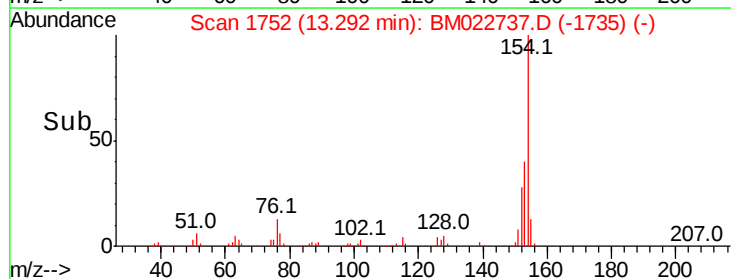
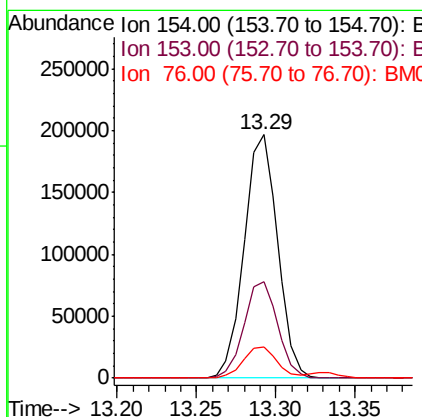
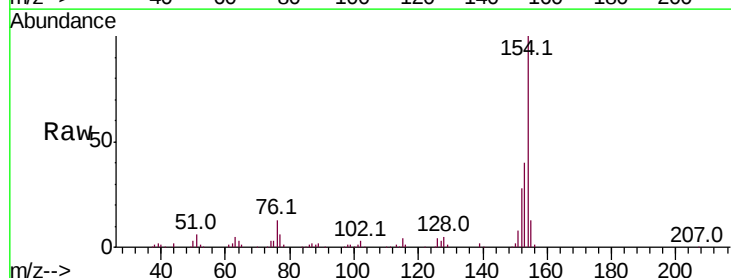
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

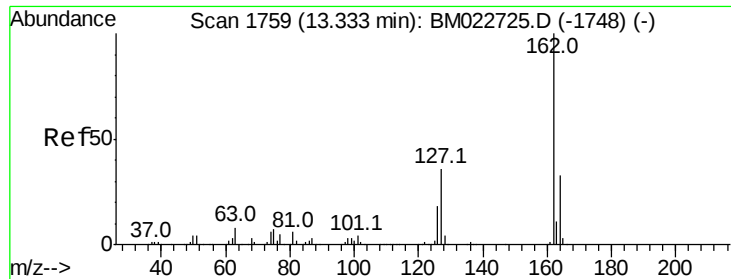
Tot Ion:172 Resp: 2691569
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.3 18.7 28.1



#46
1,1'-Biphenyl
Concen: 7.238 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion:154 Resp: 287671
Ion Ratio Lower Upper
154 100
153 39.5 20.1 60.1
76 12.9 0.0 32.6

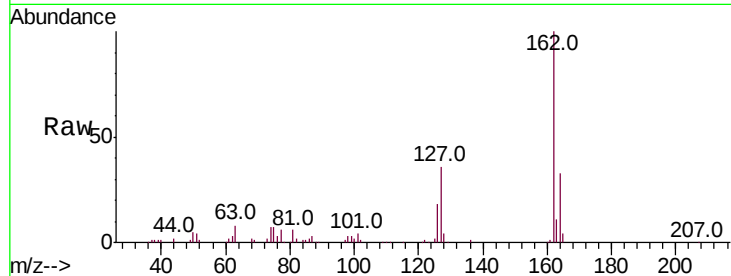




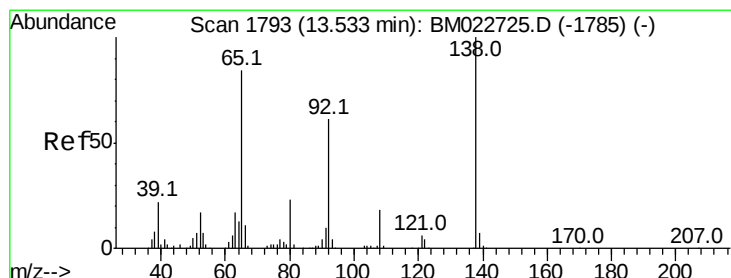
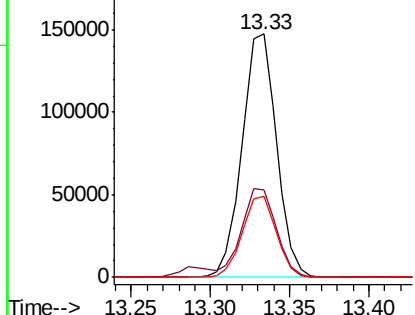
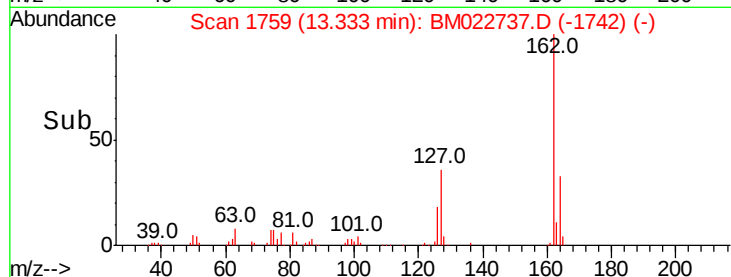
#47
 2-Chloronaphthalene
 Concen: 7.525 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	29.0	43.6
164	33.1	26.0	39.0

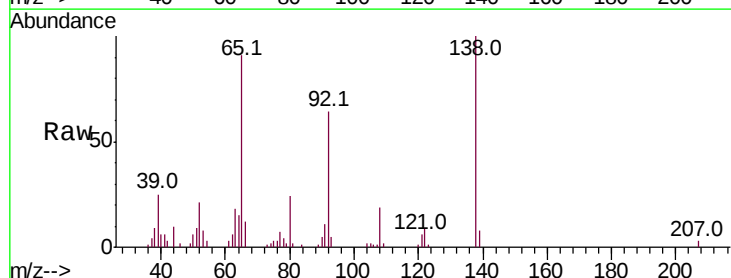


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

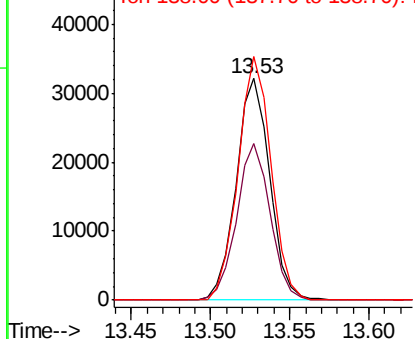
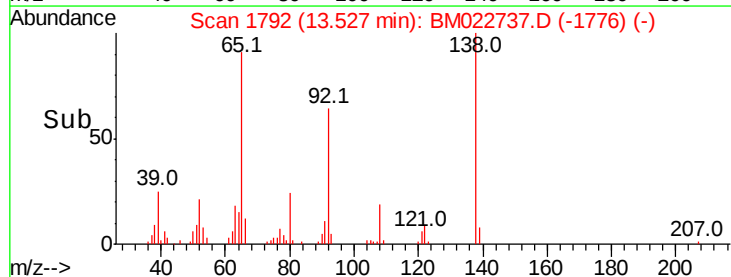


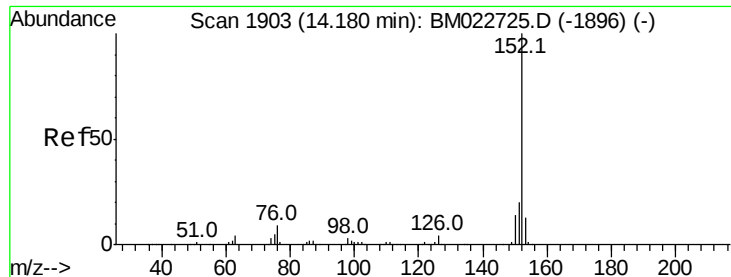
#48
 2-Nitroaniline
 Concen: 6.114 ng
 RT: 13.53 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	58.6	87.8
138	110.0	95.4	143.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 7.481 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

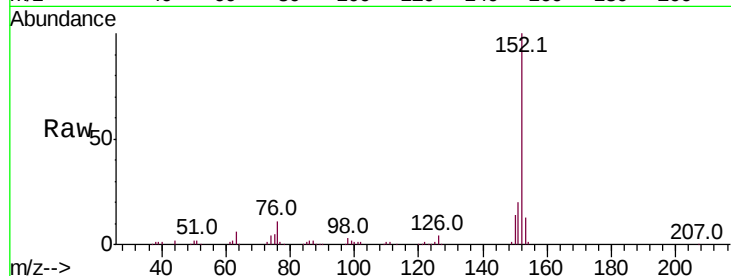
Tot Ion:152 Resp: 328185

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

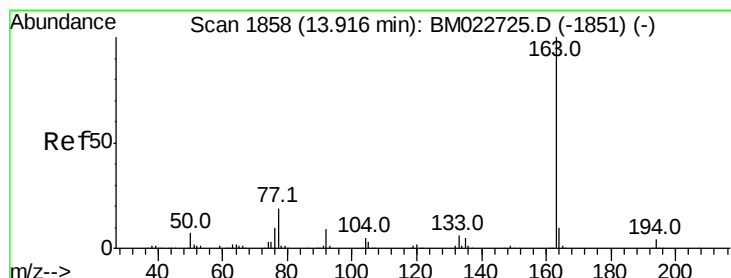
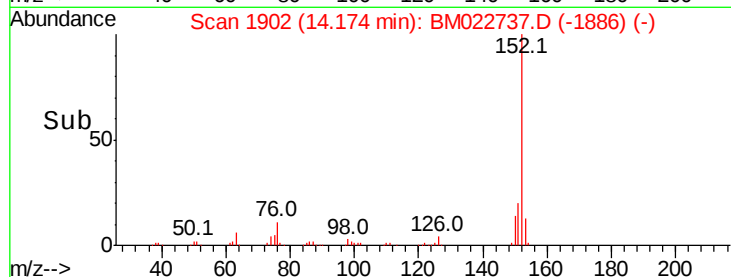
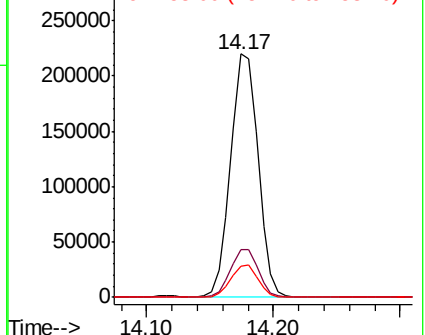
153 12.8 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 7.418 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

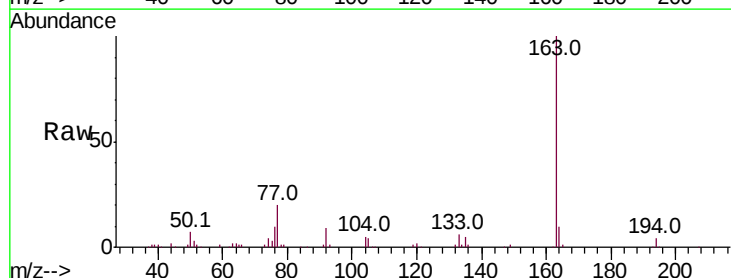
Tgt Ion:163 Resp: 257452

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

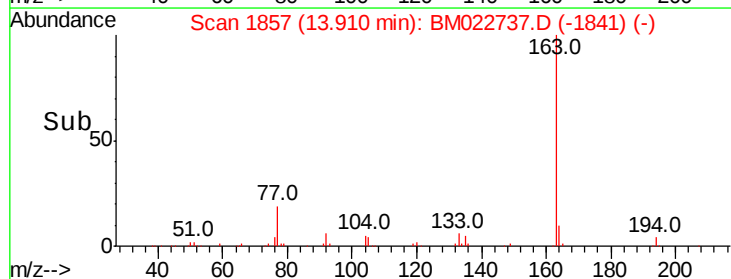
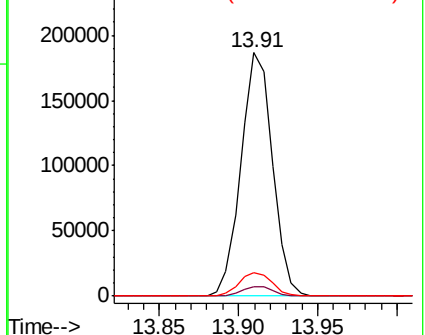
164 9.8 8.2 12.2

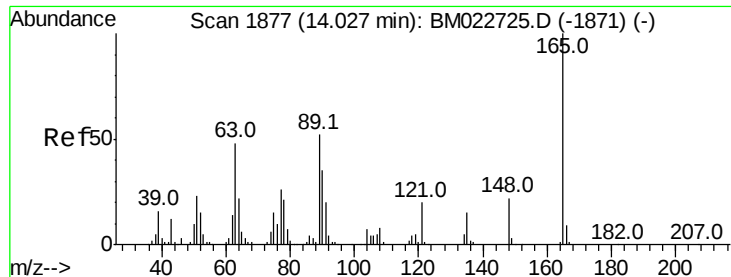


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

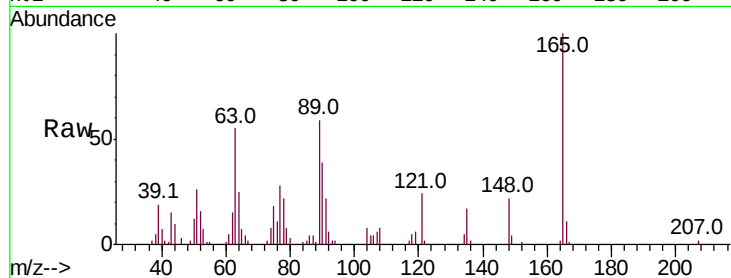




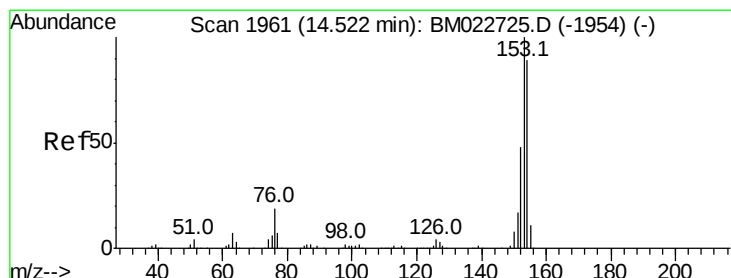
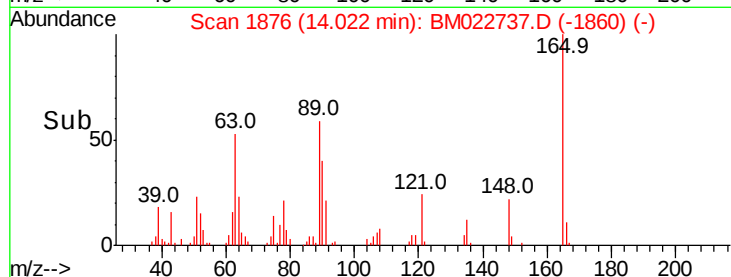
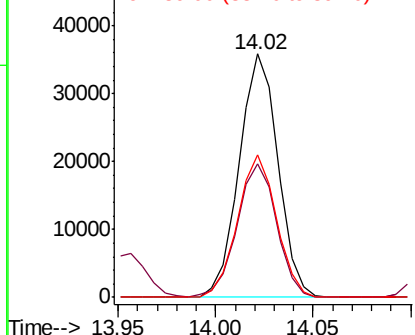
#51
2,6-Dinitrotoluene
Concen: 6.800 ng
RT: 14.02 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:165 Resp: 49368
Ion Ratio Lower Upper
165 100
63 54.6 38.6 58.0
89 58.7 41.6 62.4

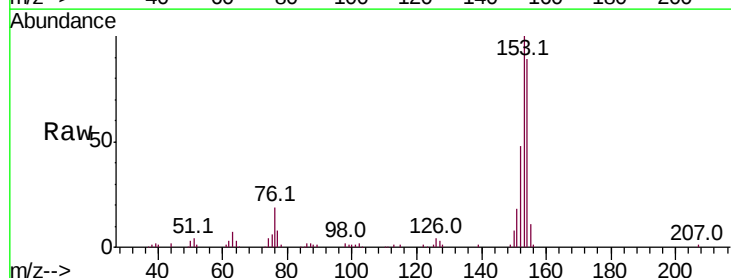


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

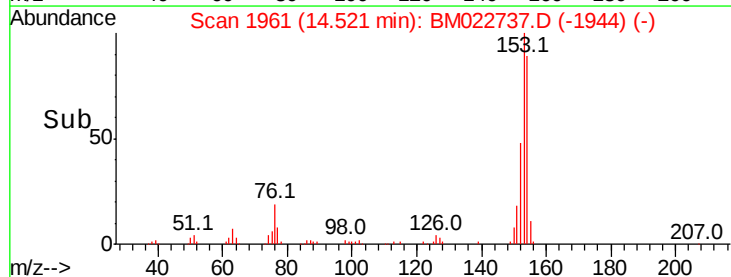
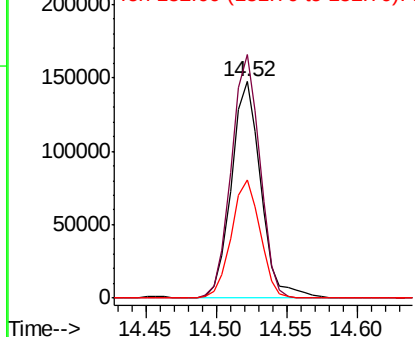


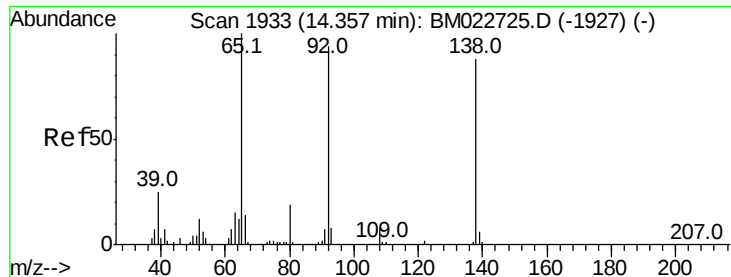
#52
Acenaphthene
Concen: 7.503 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion:154 Resp: 215333
Ion Ratio Lower Upper
154 100
153 112.7 90.0 135.0
152 54.6 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

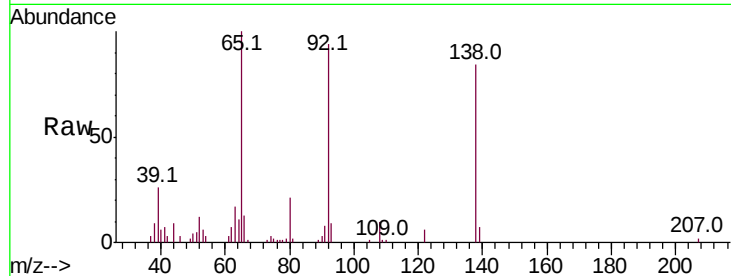




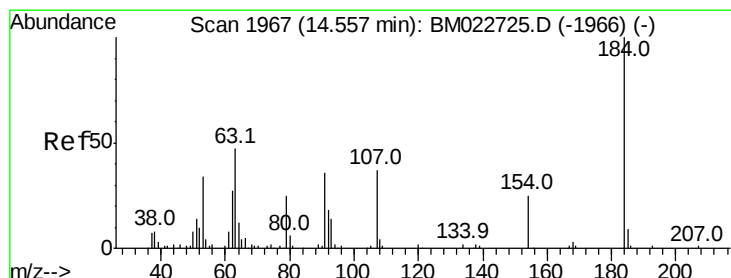
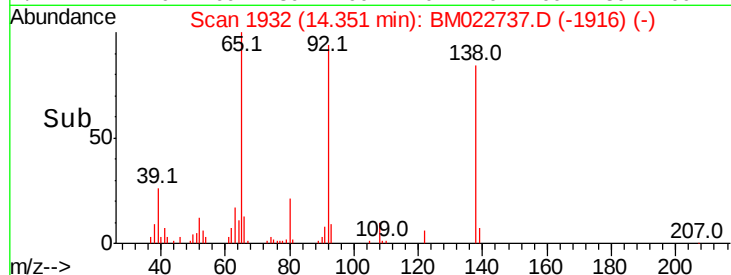
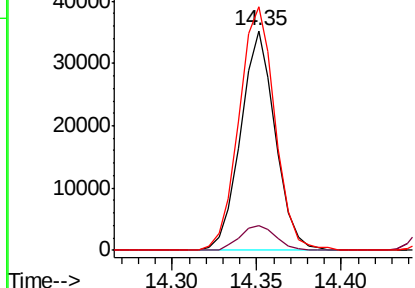
#53
3-Nitroaniline
Concen: 5.988 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:138 Resp: 50044
Ion Ratio Lower Upper
138 100
108 11.3 7.3 10.9#
92 110.8 86.3 129.5

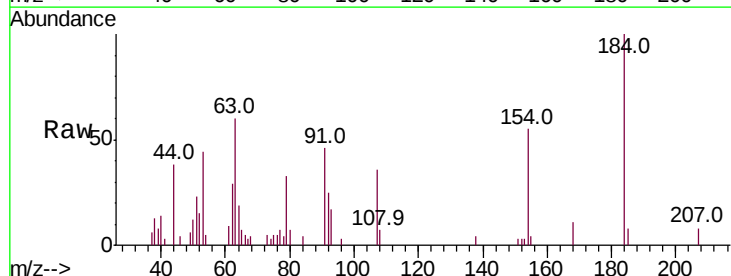


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

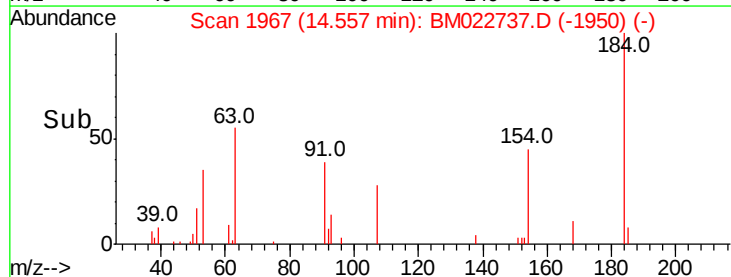
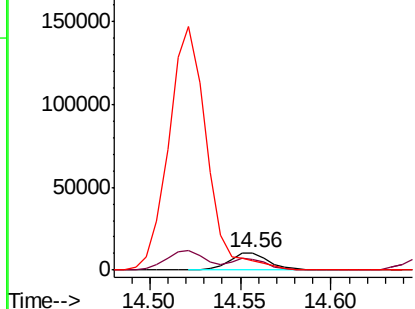


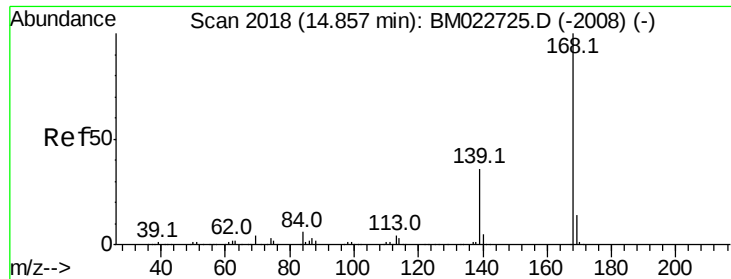
#54
2,4-Dinitrophenol
Concen: 10.658 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion:184 Resp: 15986
Ion Ratio Lower Upper
184 100
63 59.8 48.5 72.7
154 54.7 48.1 72.1



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

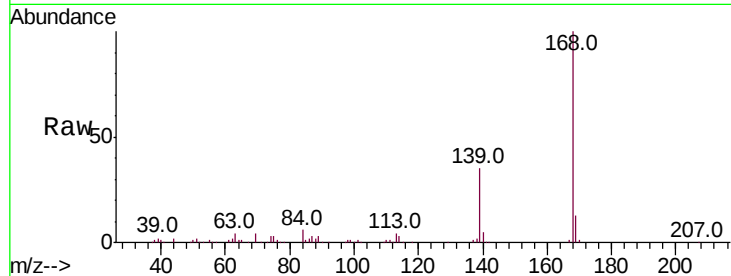




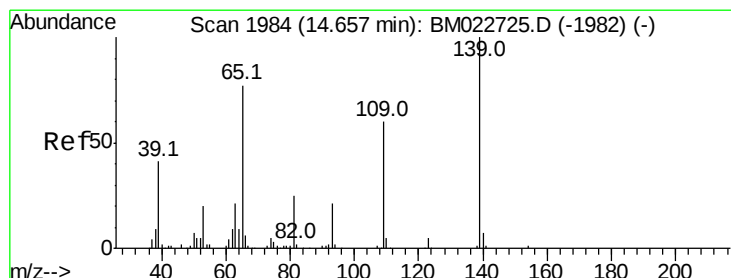
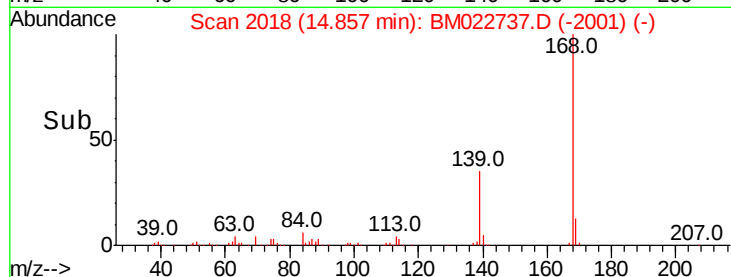
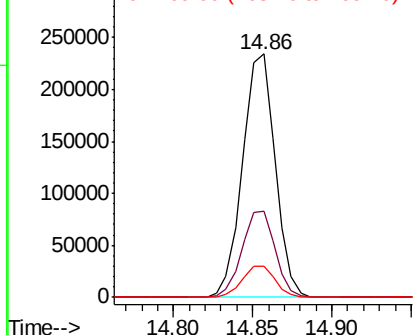
#55
Dibenzofuran
Concen: 7.987 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:168 Resp: 334647
Ion Ratio Lower Upper
168 100
139 35.4 28.8 43.2
169 12.8 10.9 16.3

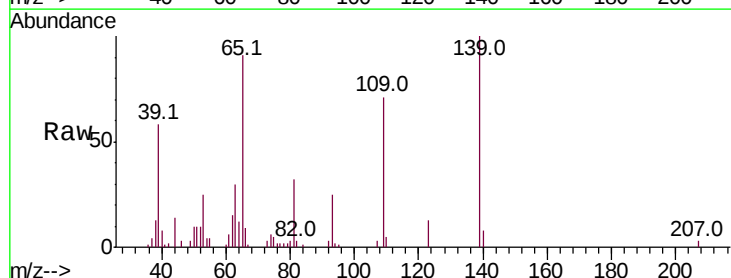


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

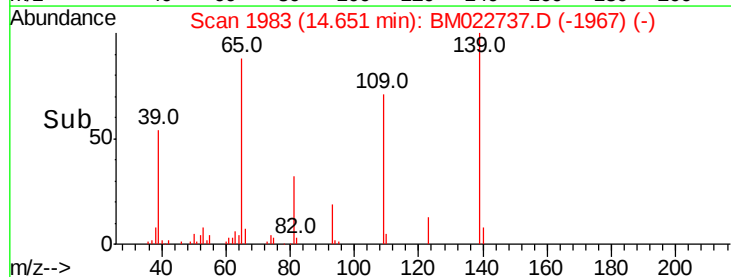
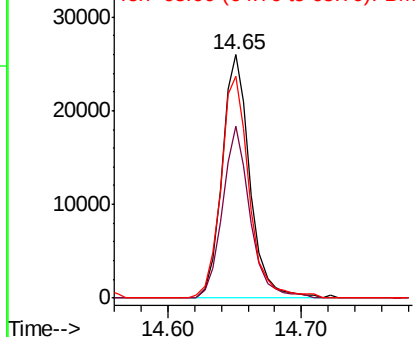


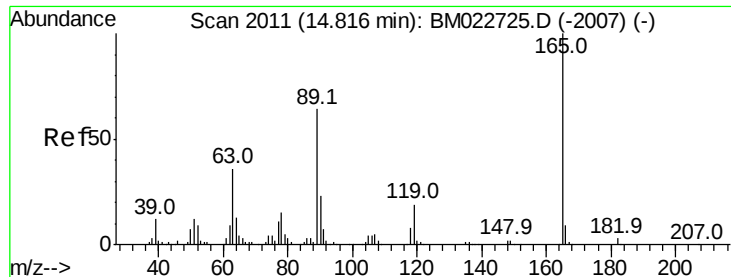
#56
4-Nitrophenol
Concen: 5.919 ng
RT: 14.65 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion:139 Resp: 38024
Ion Ratio Lower Upper
139 100
109 70.6 44.8 84.8
65 91.0 66.6 106.6



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

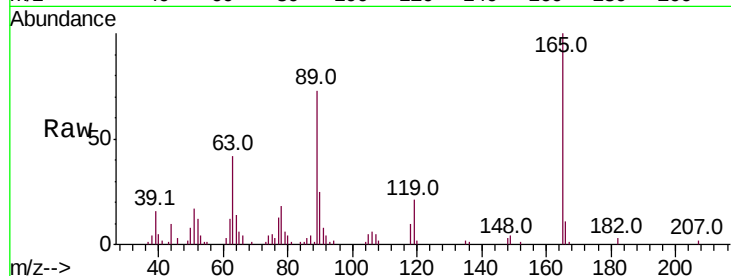




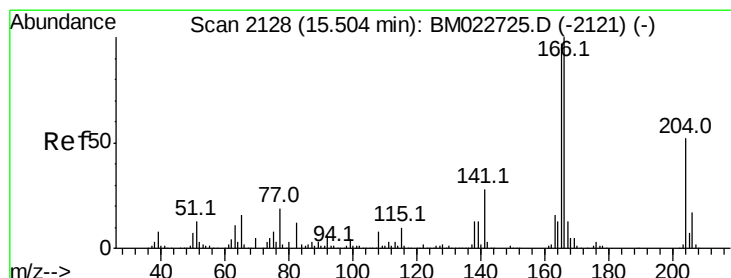
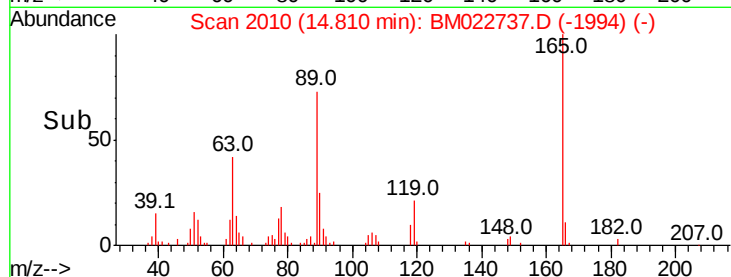
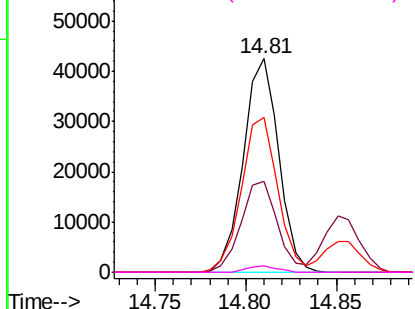
#57
 2,4-Dinitrotoluene
 Concen: 6.043 ng
 RT: 14.81 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:165 Resp: 57473
 Ion Ratio Lower Upper
 165 100
 63 42.4 30.1 45.1
 89 72.8 52.5 78.7
 182 3.2 2.2 3.4

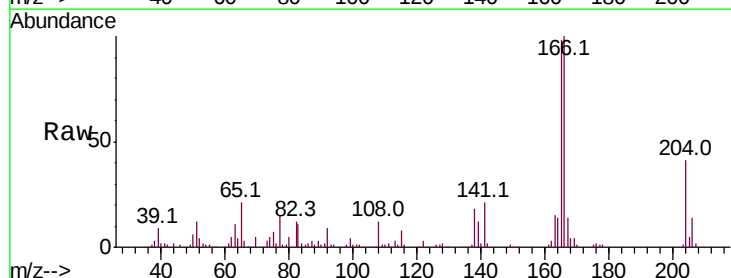


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

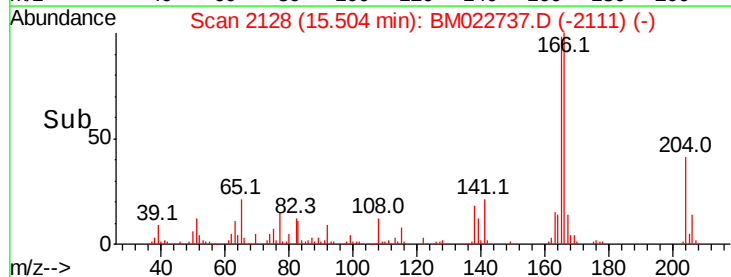
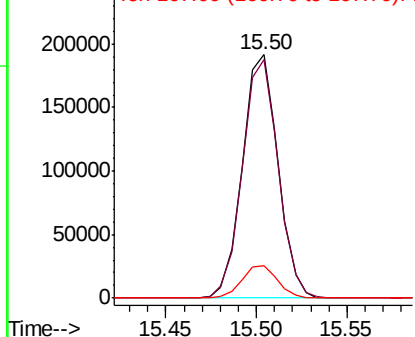


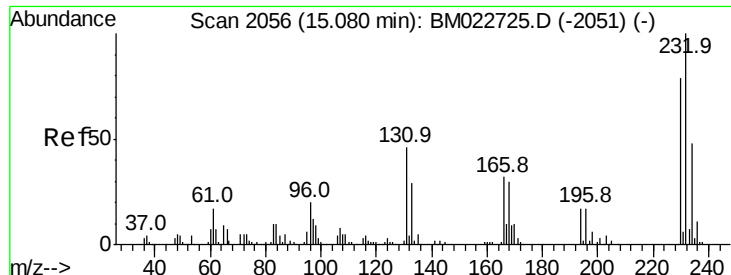
#58
 Fluorene
 Concen: 7.684 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion:166 Resp: 261634
 Ion Ratio Lower Upper
 166 100
 165 98.0 77.6 116.4
 167 13.5 10.8 16.2



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

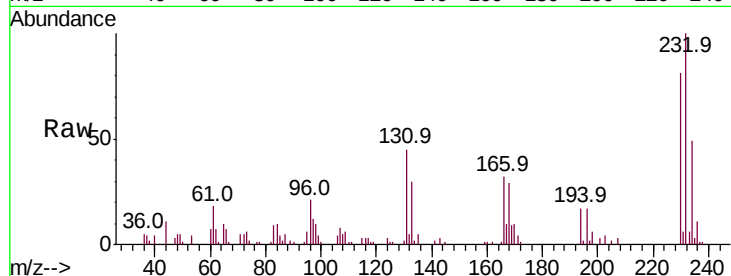




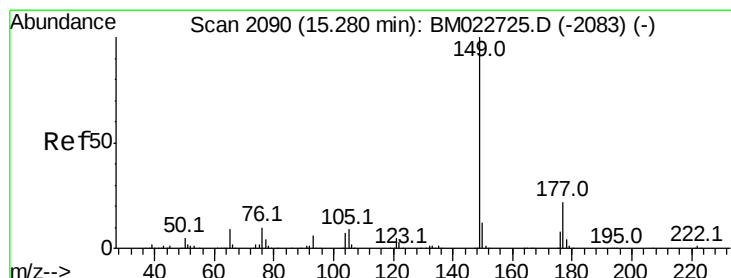
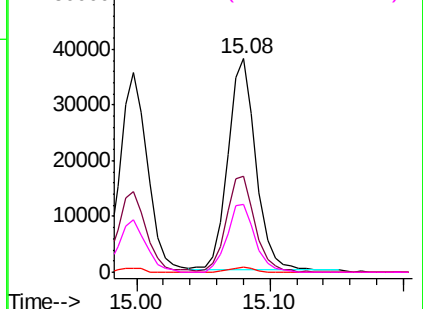
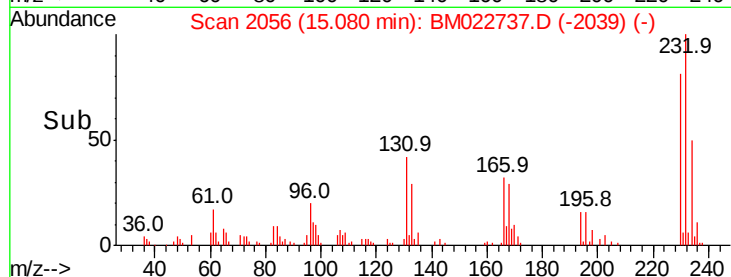
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.516 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:232 Resp: 55621
 Ion Ratio Lower Upper
 232 100
 131 47.1 36.3 54.5
 130 2.2 1.8 2.8
 166 32.3 25.0 37.4

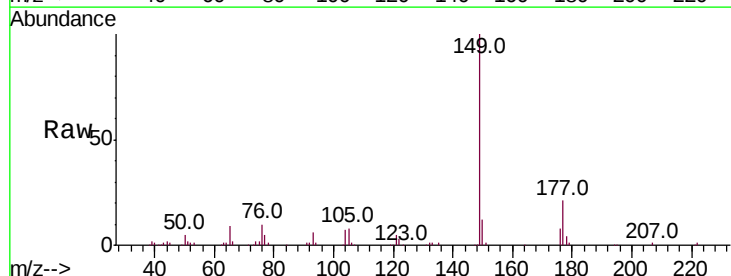


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

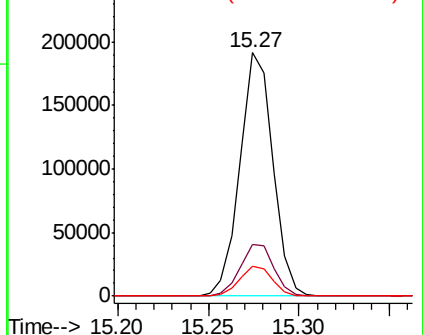
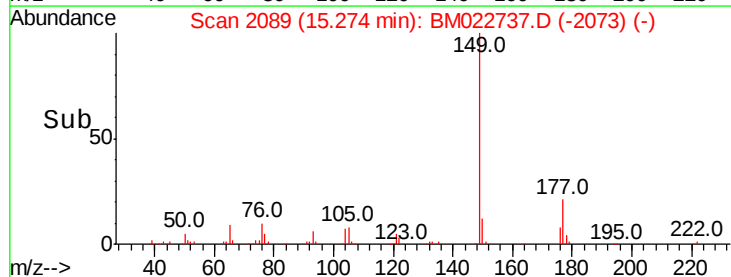


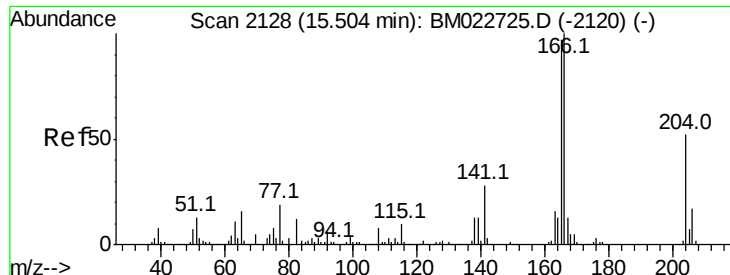
#60
 Diethylphthalate
 Concen: 7.180 ng
 RT: 15.27 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion:149 Resp: 242292
 Ion Ratio Lower Upper
 149 100
 177 21.0 17.6 26.4
 150 12.1 9.9 14.9



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

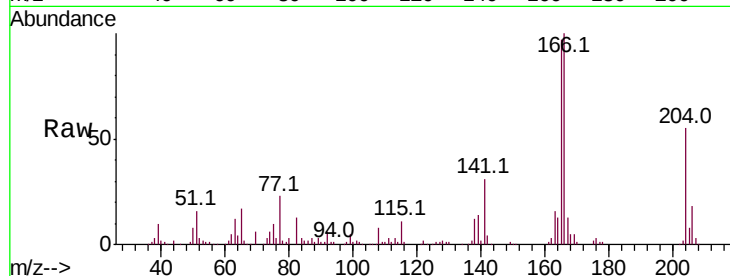




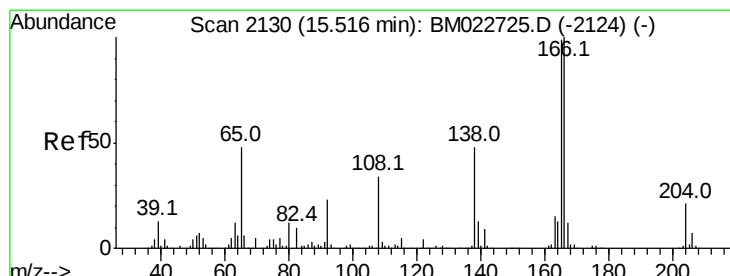
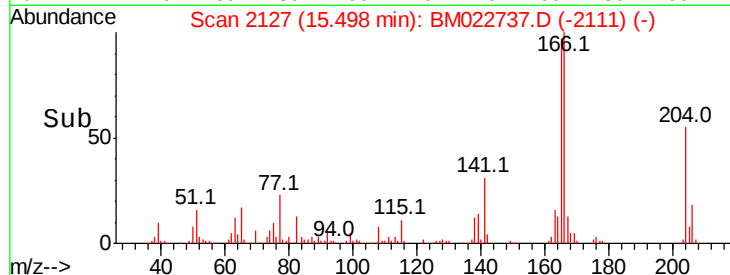
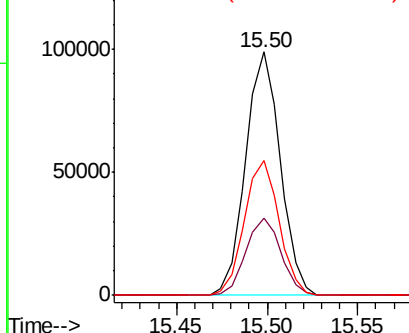
#61
4-Chlorophenyl-phenylether
Concen: 7.529 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion:204 Resp: 131722
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.4
141 55.6 42.6 64.0

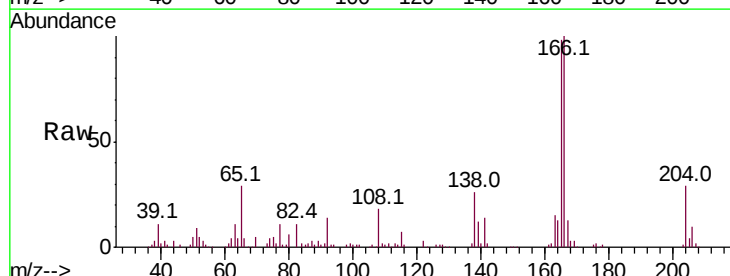


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

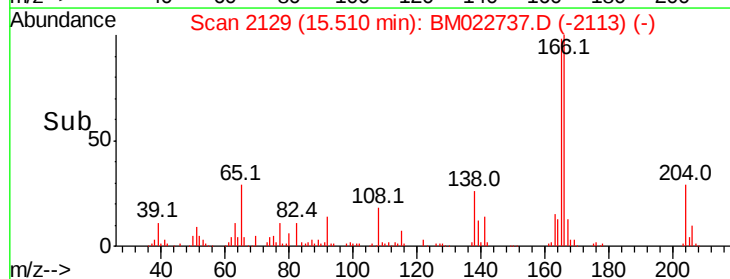
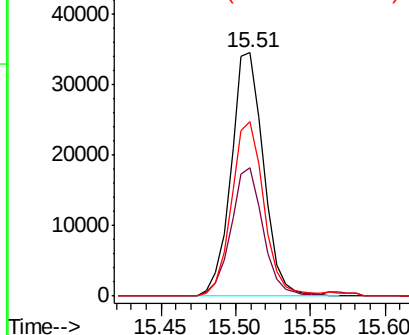


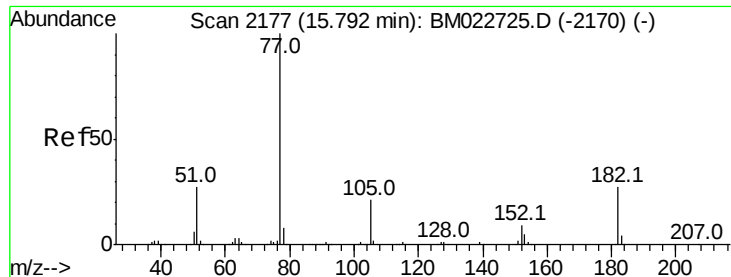
#62
4-Nitroaniline
Concen: 5.989 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion:138 Resp: 52479
Ion Ratio Lower Upper
138 100
92 53.0 28.7 68.7
108 71.6 50.3 90.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 7.501 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 77 Resp: 228579

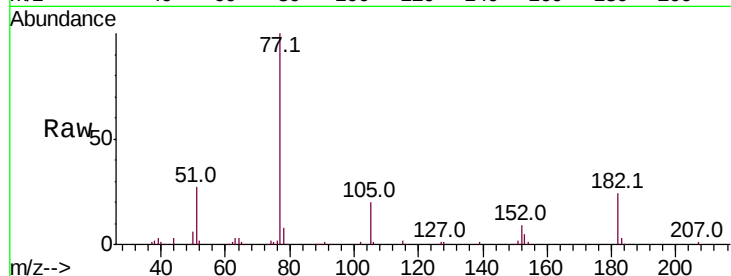
Ion Ratio Lower Upper

77 100

182 23.7 7.0 47.0

105 19.7 0.9 40.9

51 27.4 6.6 46.6

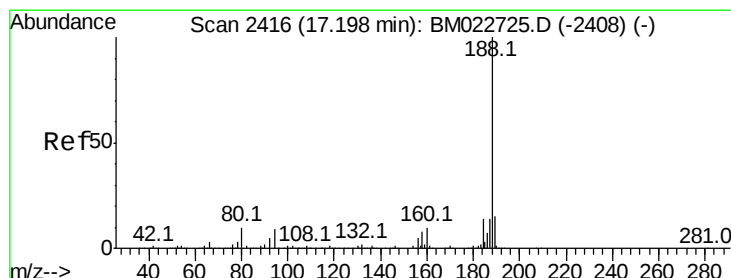
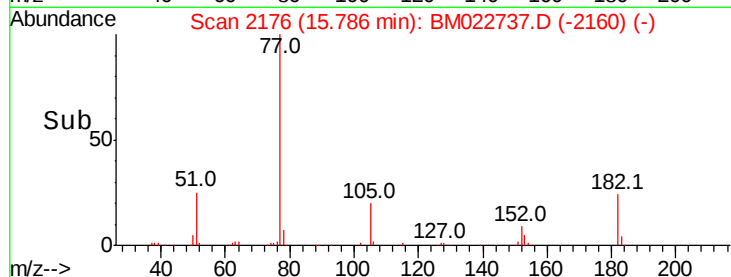
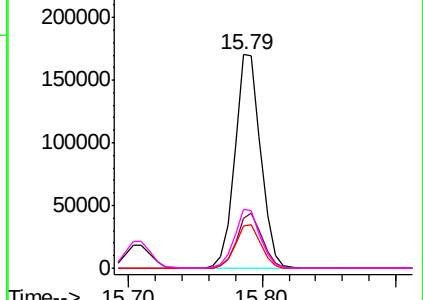


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

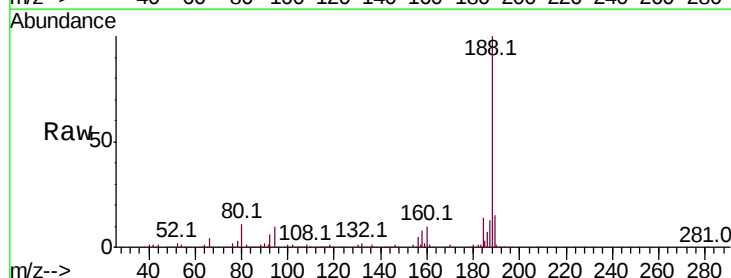
Tgt Ion: 188 Resp: 937504

Ion Ratio Lower Upper

188 100

94 9.8 7.3 10.9

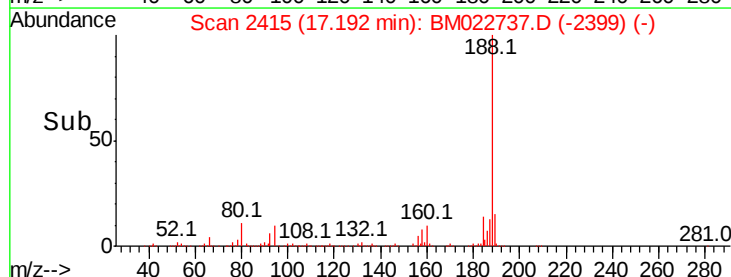
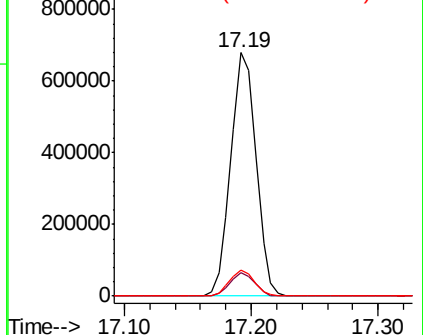
80 10.5 7.8 11.8

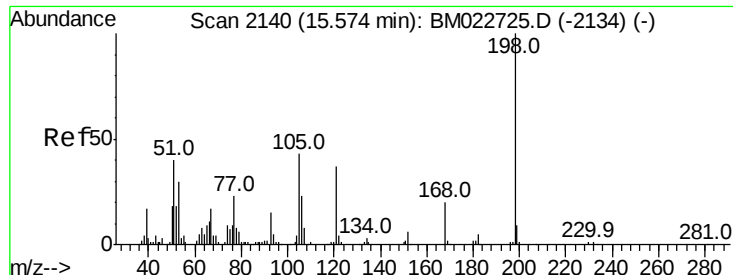


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 11.116 ng

RT: 15.57 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

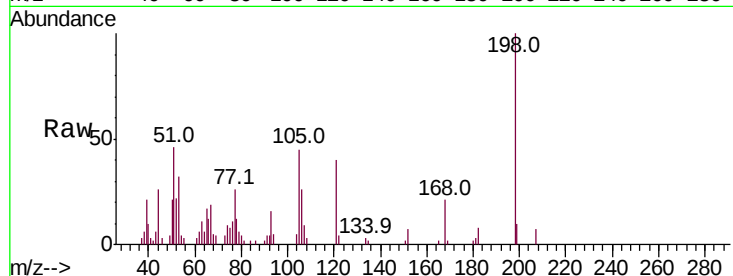
Tot Ion:198 Resp: 24369

Ion	Ratio	Lower	Upper
198	100		
51	45.5	21.0	61.0
105	44.6	22.5	62.5

198 100

51 45.5 21.0 61.0

105 44.6 22.5 62.5

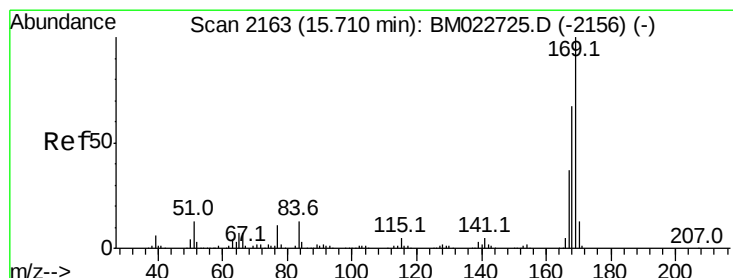
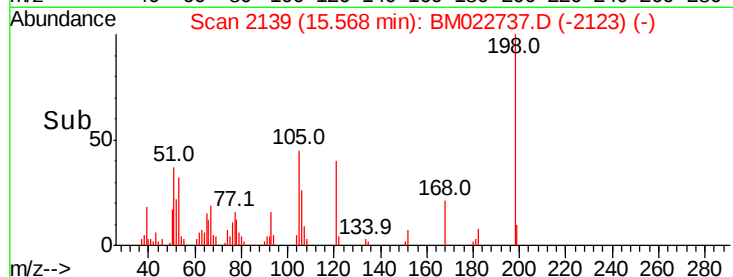
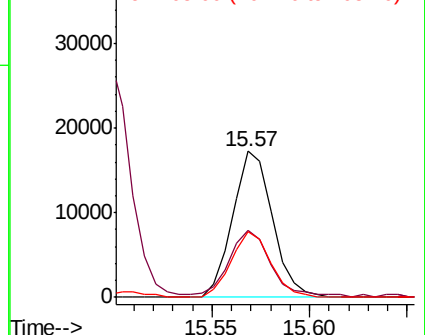


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 7.633 ng

RT: 15.71 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

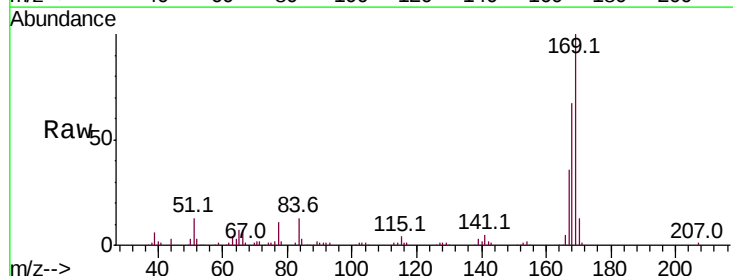
Tgt Ion:169 Resp: 218624

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.2
167	35.9	29.3	43.9

169 100

168 66.7 53.4 80.2

167 35.9 29.3 43.9

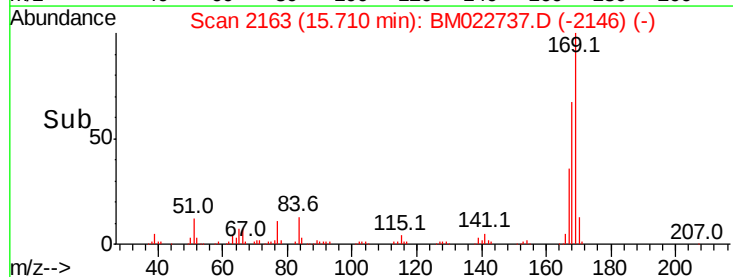
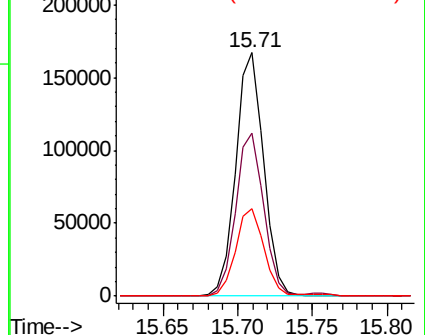


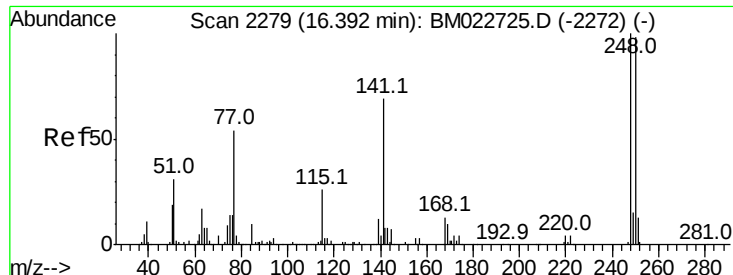
Abundance

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

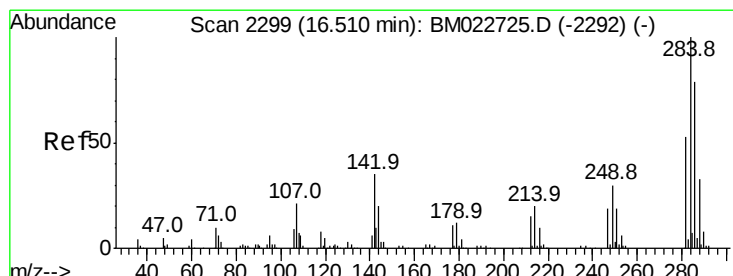
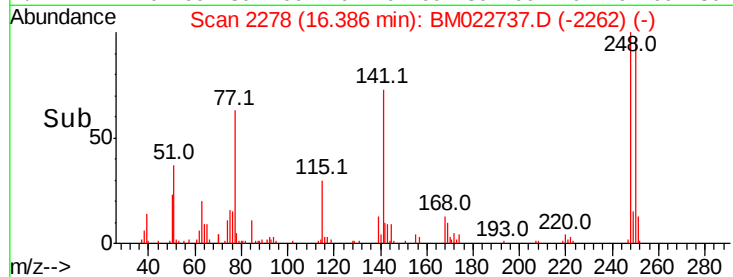
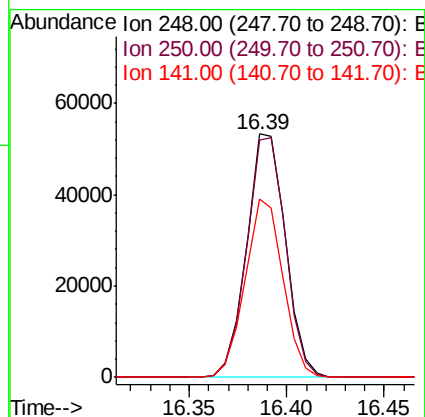
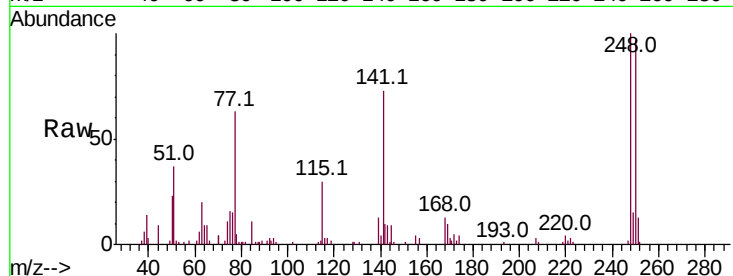




#67
 4-Bromophenyl-phenylether
 Concen: 7.031 ng
 RT: 16.39 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

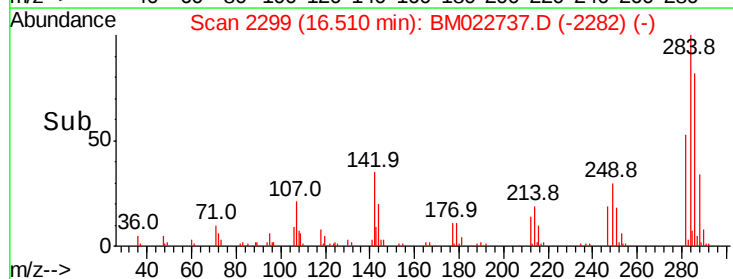
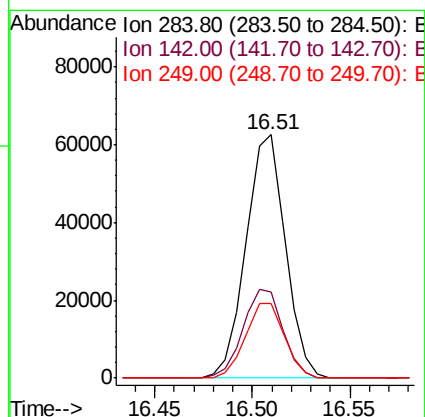
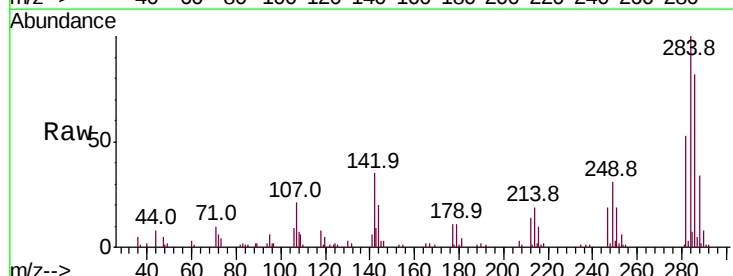
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

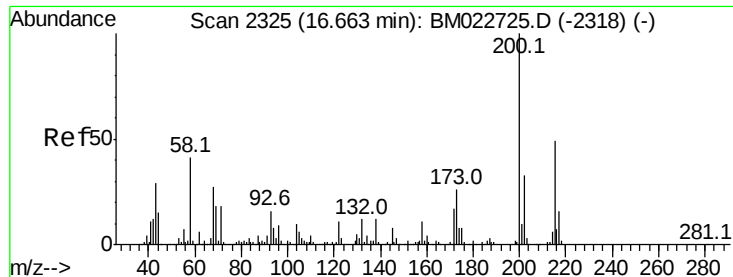
Tot Ion:248 Resp: 73313
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.4 117.6
 141 73.2 55.1 82.7



#68
 Hexachlorobenzene
 Concen: 7.186 ng
 RT: 16.51 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion:284 Resp: 87388
 Ion Ratio Lower Upper
 284 100
 142 35.2 27.8 41.8
 249 30.7 24.4 36.6

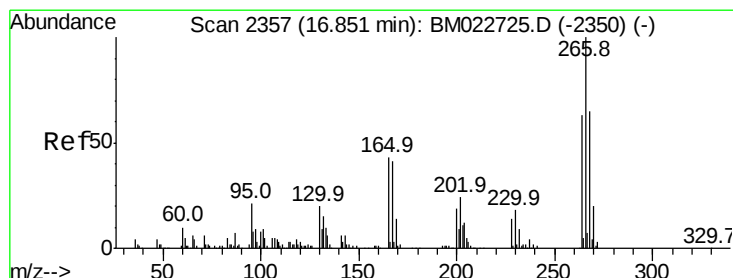
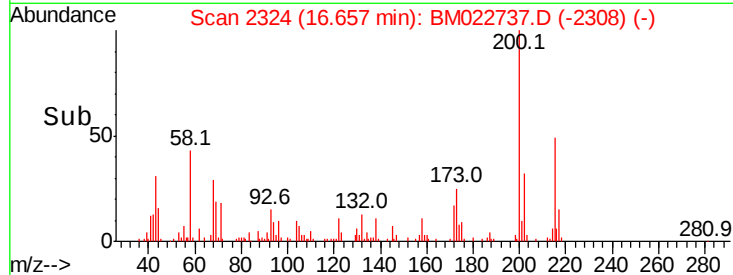
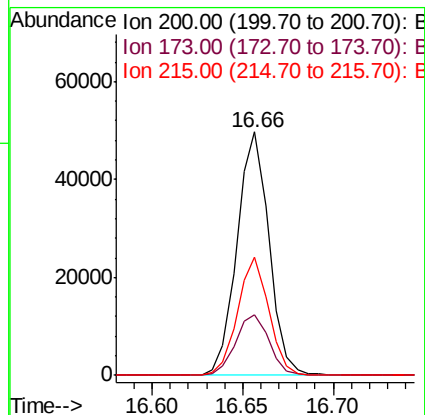
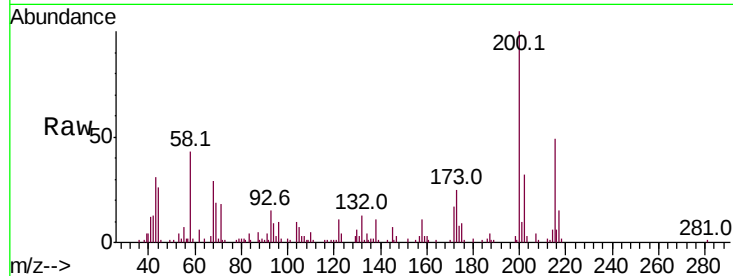




#69
Atrazine
Concen: 6.552 ng
RT: 16.66 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

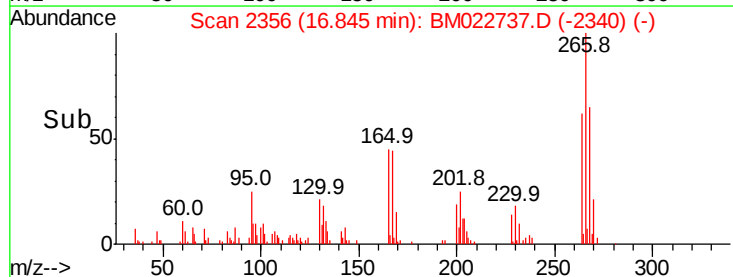
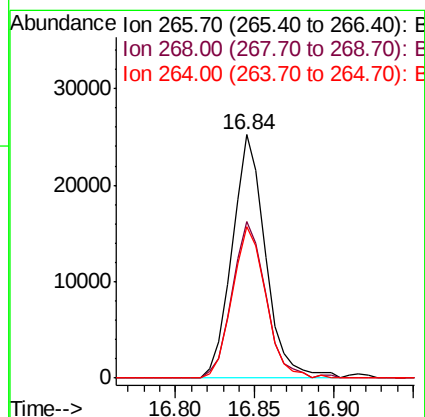
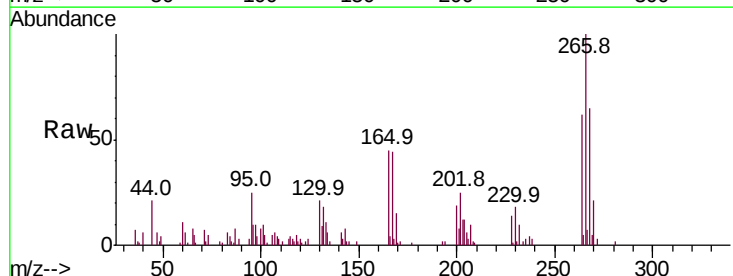
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

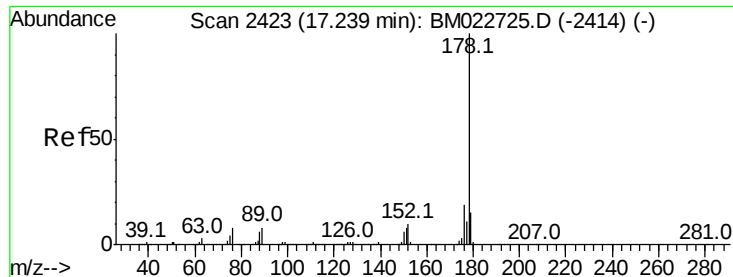
Tot Ion:200 Resp: 61006
Ion Ratio Lower Upper
200 100
173 25.1 5.8 45.8
215 48.7 29.2 69.2



#70
Pentachlorophenol
Concen: 5.669 ng
RT: 16.84 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion:266 Resp: 36764
Ion Ratio Lower Upper
266 100
268 64.5 51.8 77.6
264 62.2 50.2 75.4

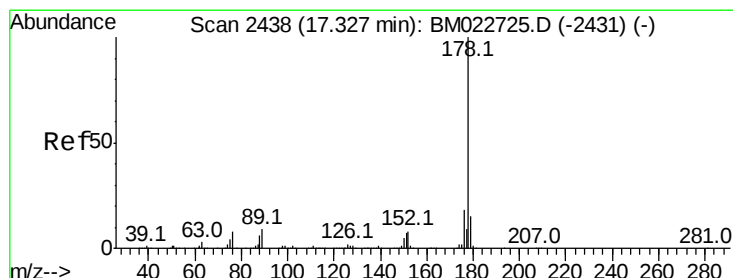
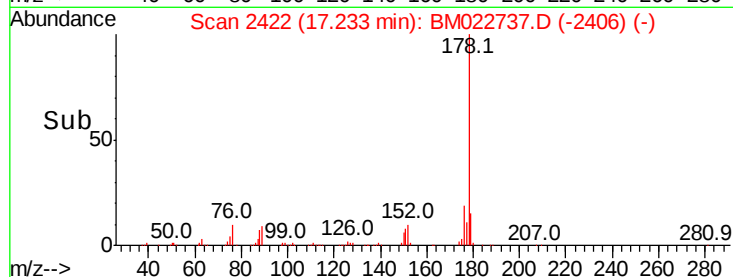
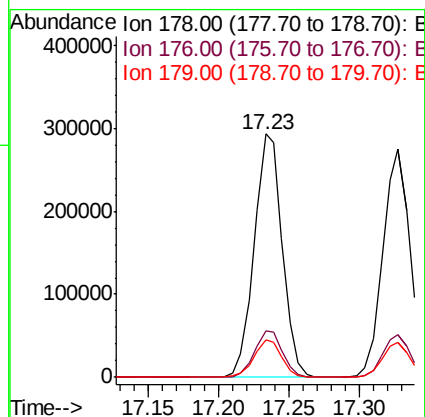
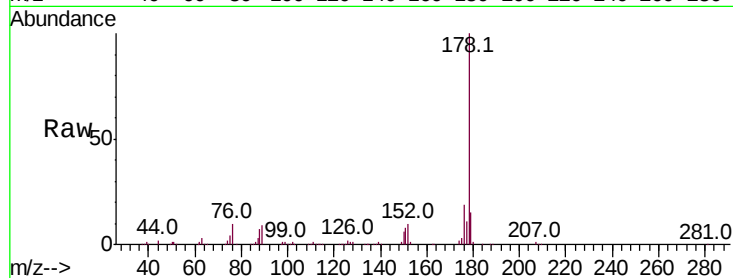




#71
Phenanthrene
Concen: 7.734 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

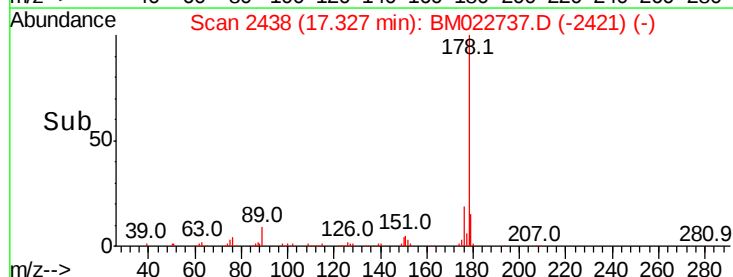
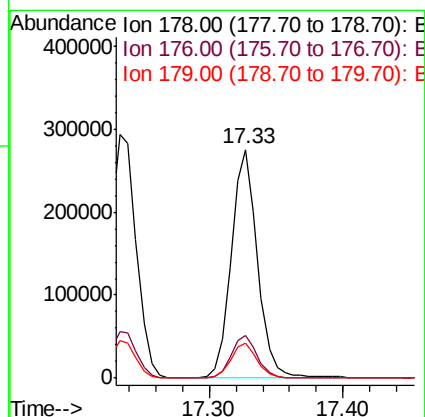
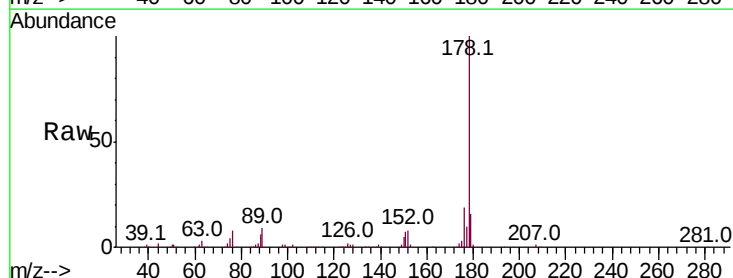
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

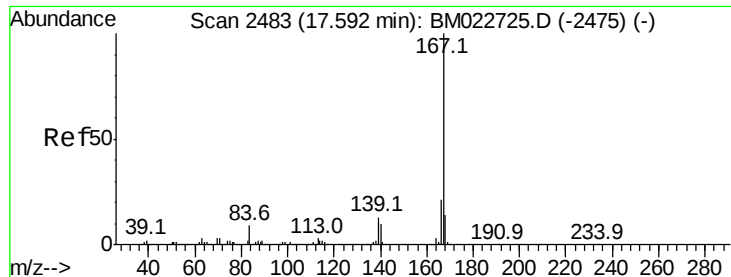
Tot Ion:178 Resp: 409123
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.3 12.3 18.5



#72
Anthracene
Concen: 7.400 ng
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion:178 Resp: 379368
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.5 12.2 18.4

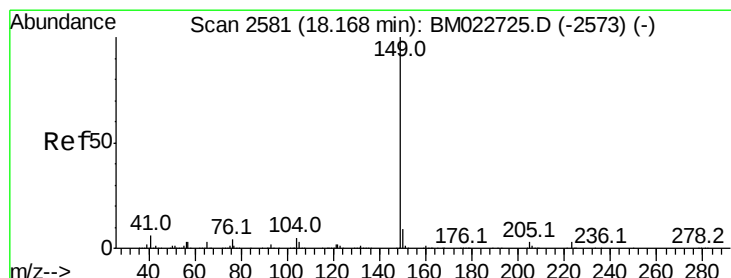
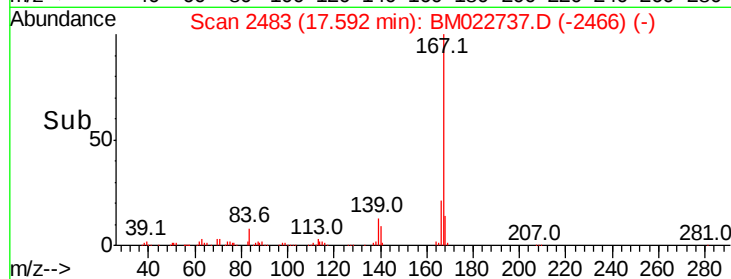
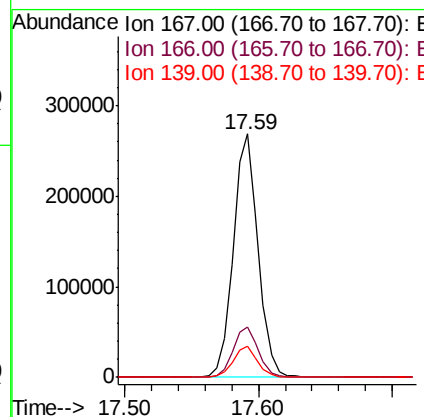
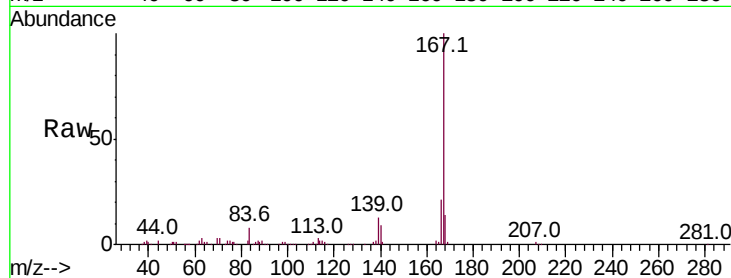




#73
 Carbazole
 Concen: 7.298 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

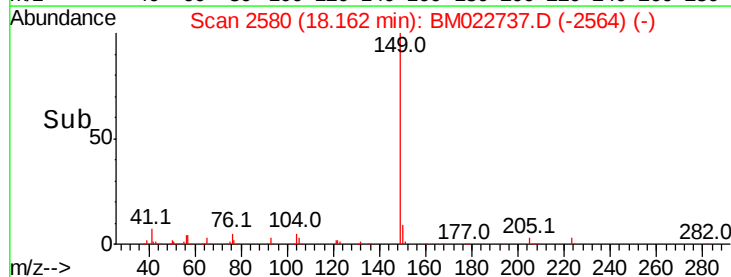
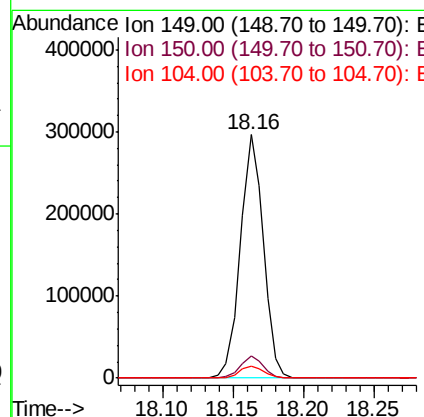
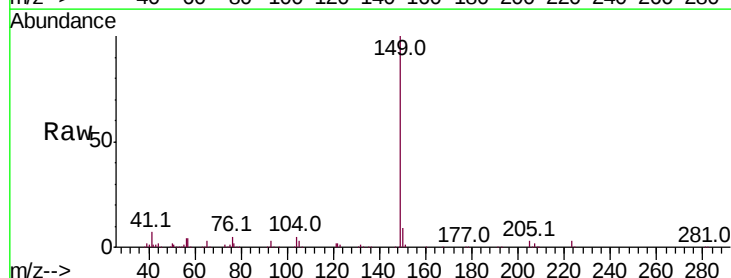
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

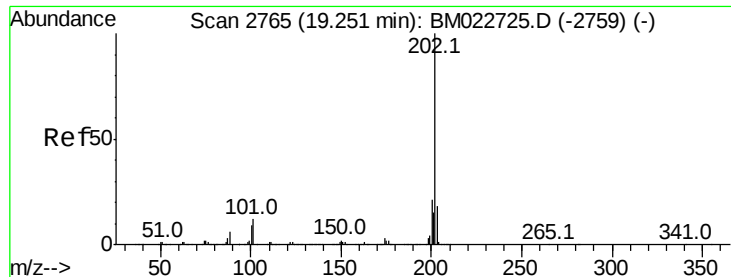
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.4
139	12.7	10.1	15.1



#74
 Di-n-butylphthalate
 Concen: 6.227 ng
 RT: 18.16 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	4.8	3.8	5.6





#75

Fluoranthene

Concen: 7.080 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

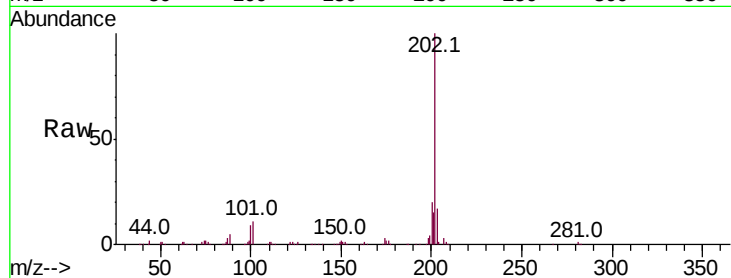
Tot Ion:202 Resp: 422643

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.1

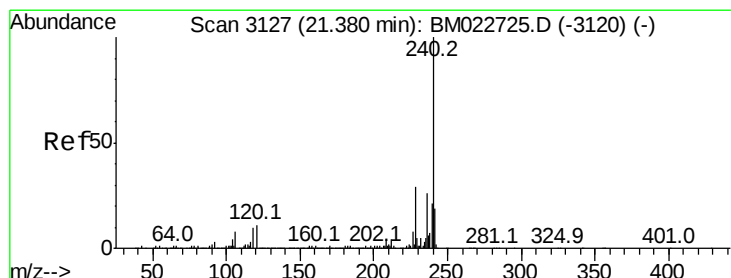
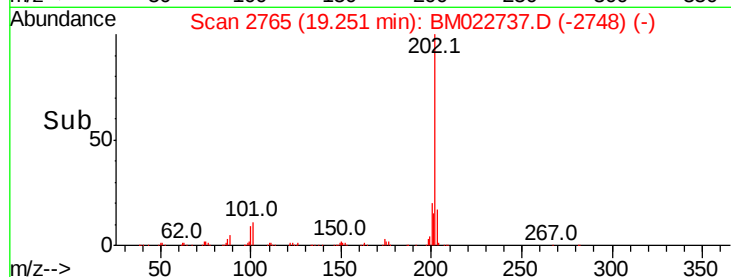
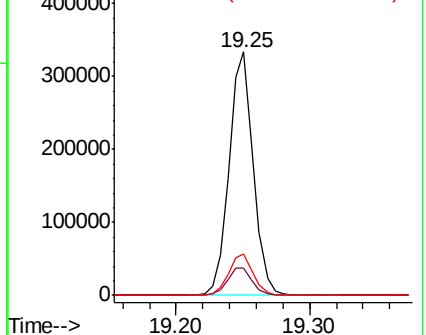
203 17.2 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

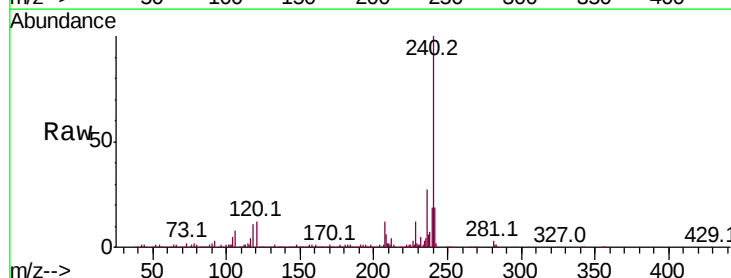
Tgt Ion:240 Resp: 873612

Ion Ratio Lower Upper

240 100

120 12.0 8.8 13.2

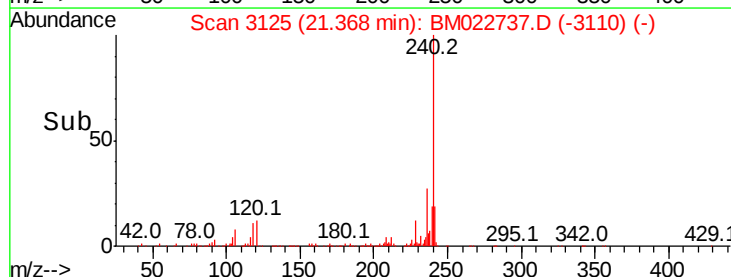
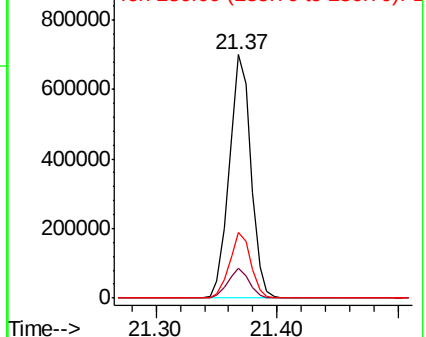
236 26.7 20.8 31.2

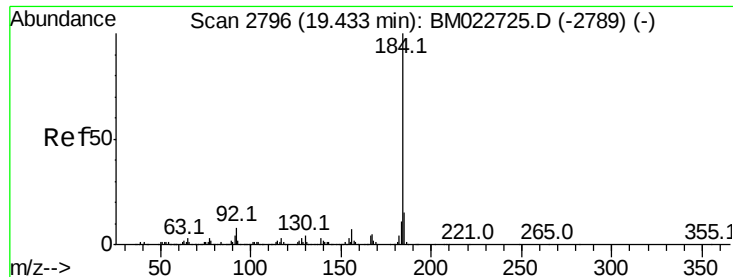


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.548 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

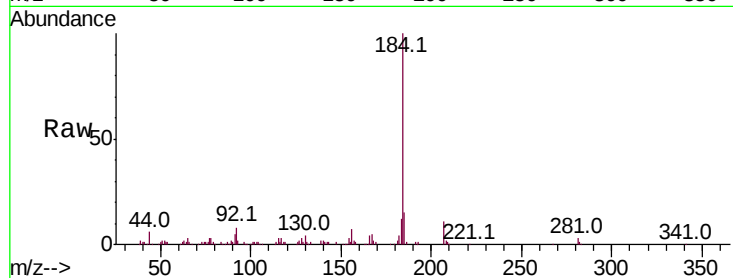
Tot Ion:184 Resp: 156919

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

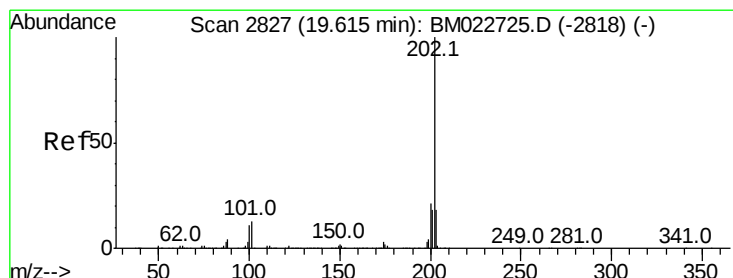
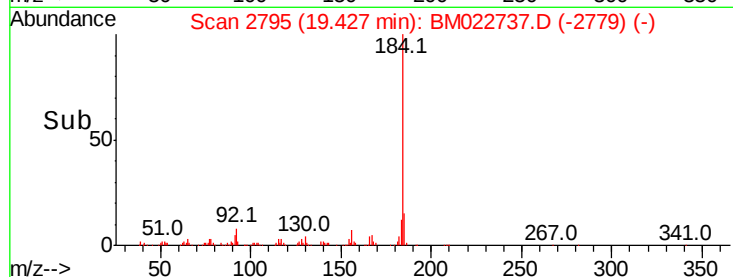
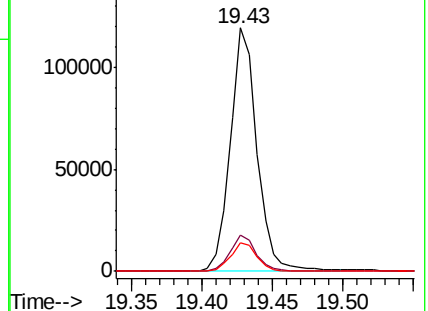
183 11.7 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 7.767 ng

RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

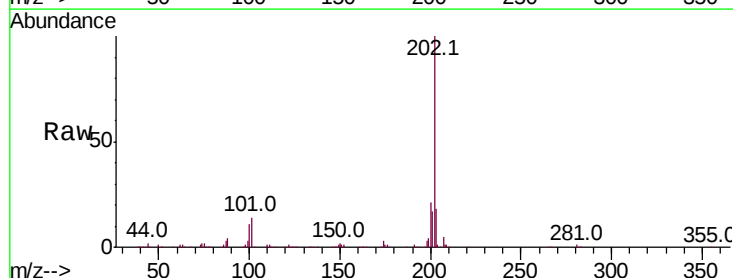
Tgt Ion:202 Resp: 444671

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

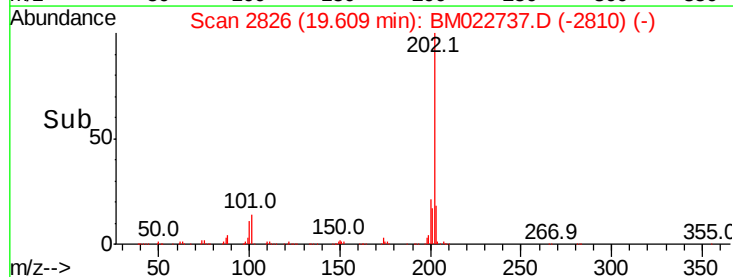
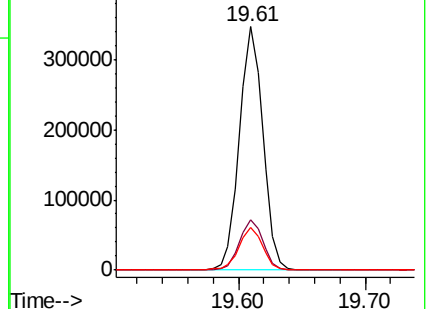
203 17.6 14.1 21.1

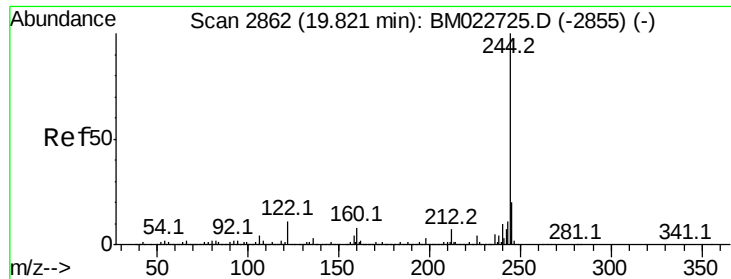


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

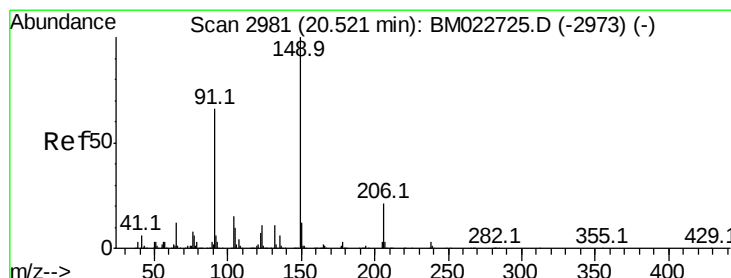
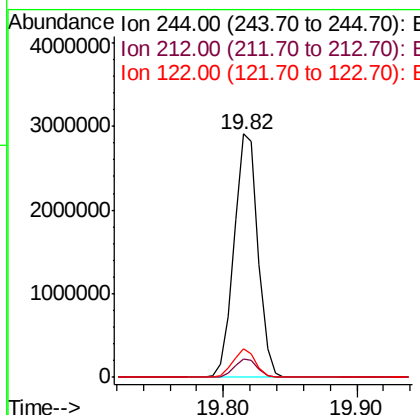
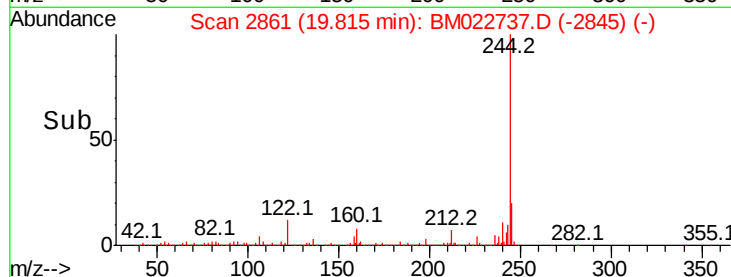
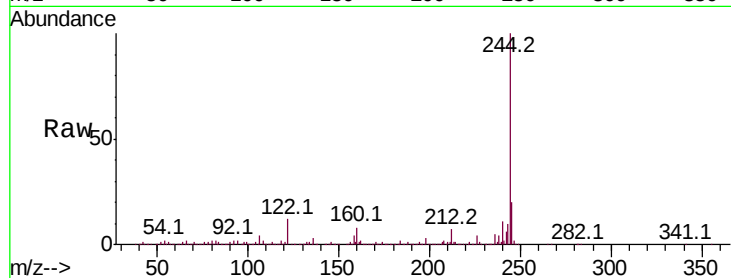




#79
 Terphenyl-d14
 Concen: 80.548 ng
 RT: 19.82 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

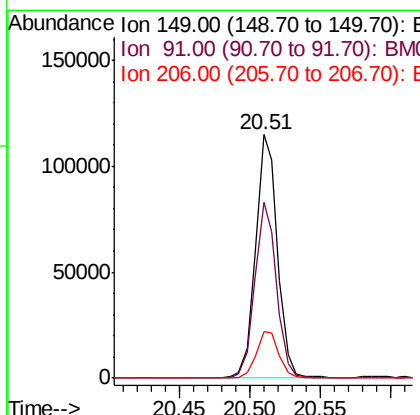
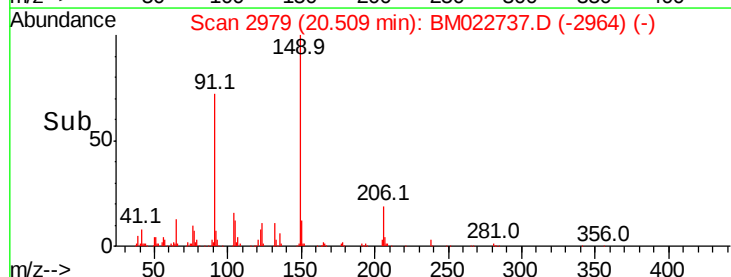
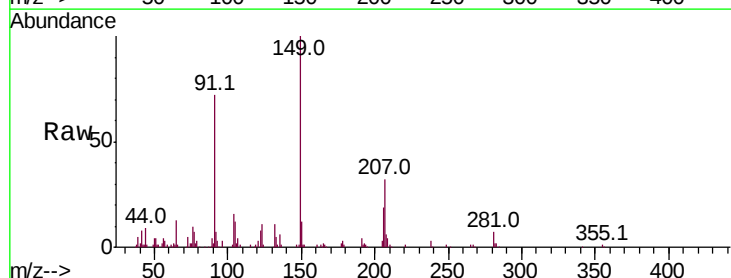
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

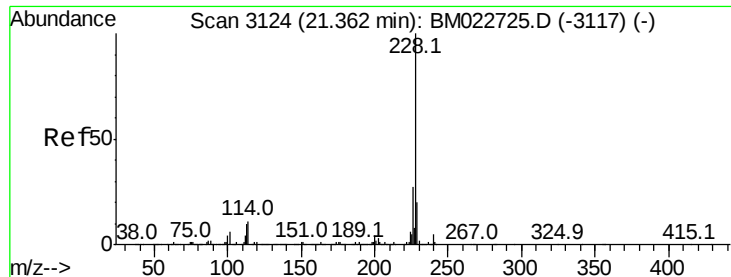
Tot Ion:244 Resp: 3633971
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 11.8 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 5.794 ng
 RT: 20.51 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BM022737.D
 Acq: 20 Sep 2019 22:08

Tgt Ion:149 Resp: 126078
 Ion Ratio Lower Upper
 149 100
 91 72.2 53.0 79.4
 206 19.1 16.9 25.3

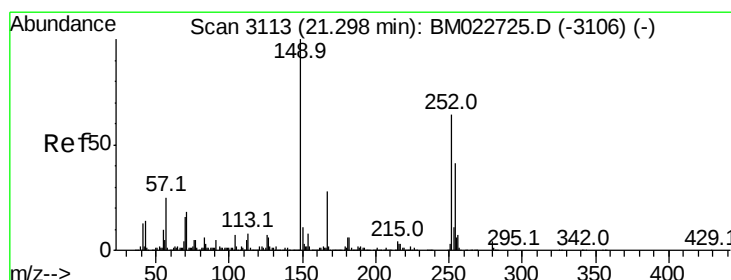
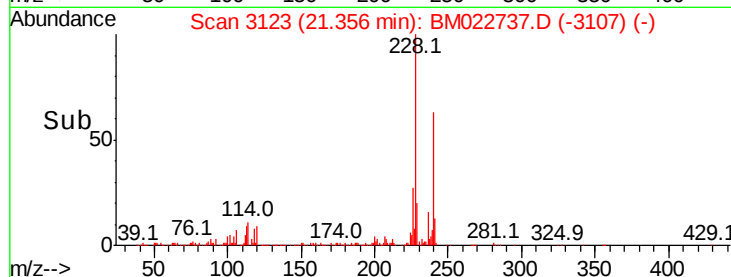
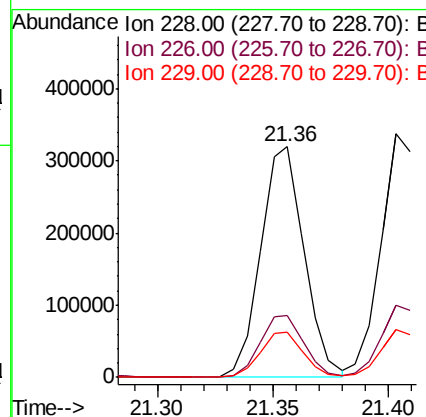
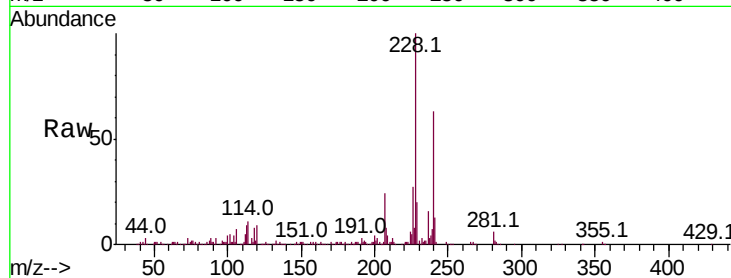




#81
Benzo(a)anthracene
Concen: 7.388 ng
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

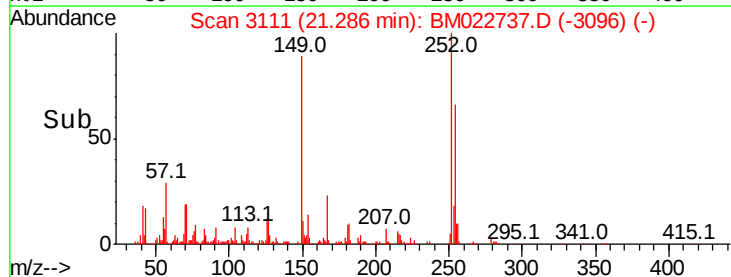
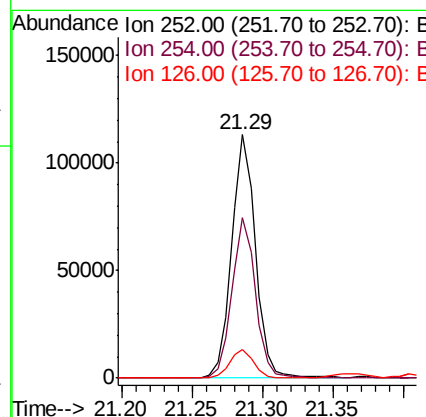
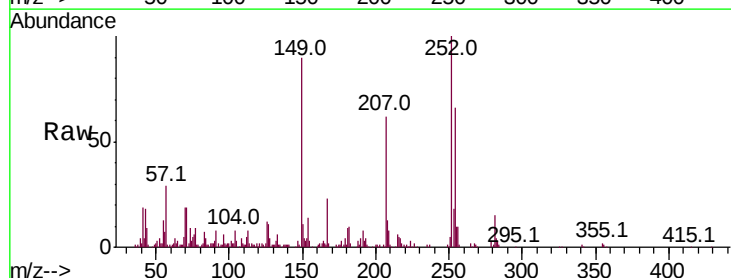
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

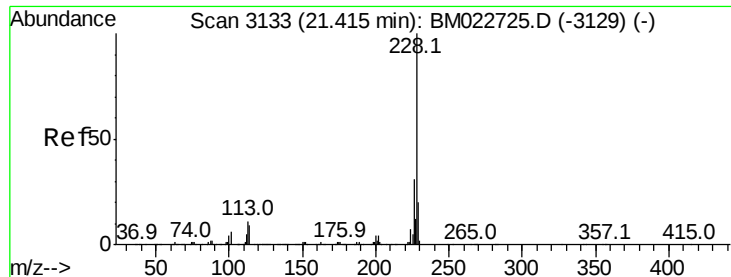
Tot Ion:228 Resp: 418310
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 19.6 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 6.643 ng
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion:252 Resp: 133382
Ion Ratio Lower Upper
252 100
254 65.8 51.7 77.5
126 11.8 8.3 12.5





#83

Chrysene

Concen: 7.648 ng

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

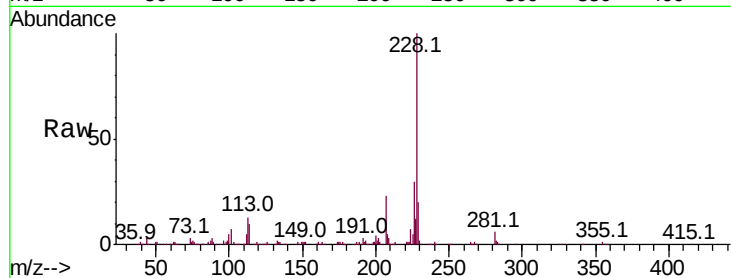
Tot Ion:228 Resp: 419839

Ion Ratio Lower Upper

228 100

226 29.7 24.5 36.7

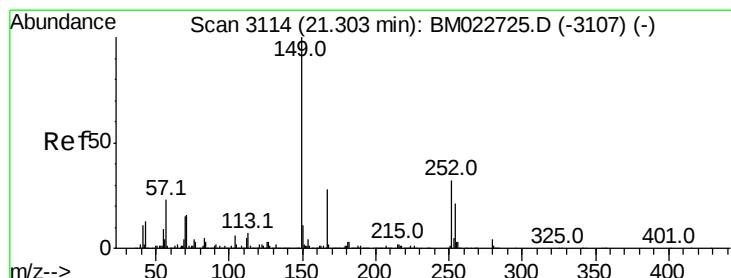
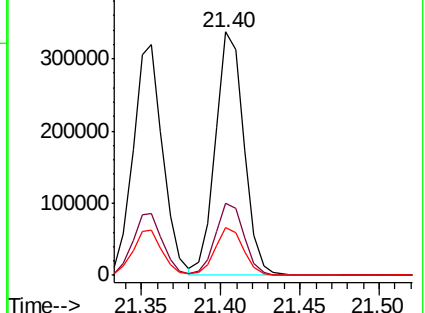
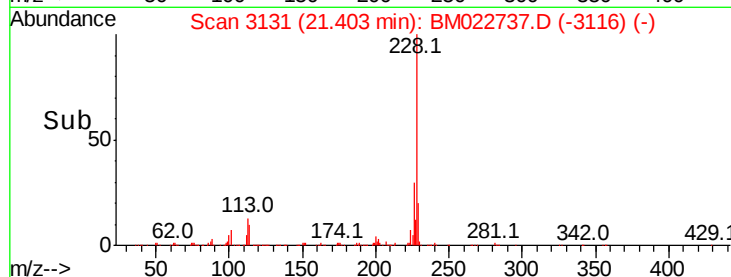
229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.831 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

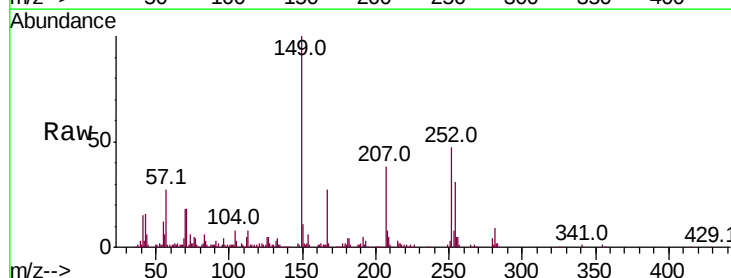
Tgt Ion:149 Resp: 187975

Ion Ratio Lower Upper

149 100

167 27.0 22.1 33.1

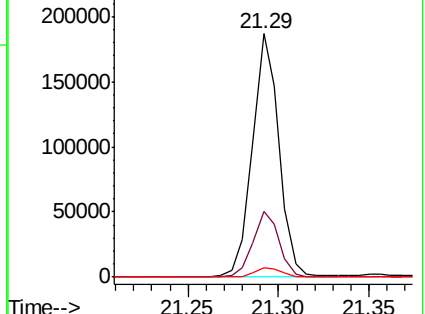
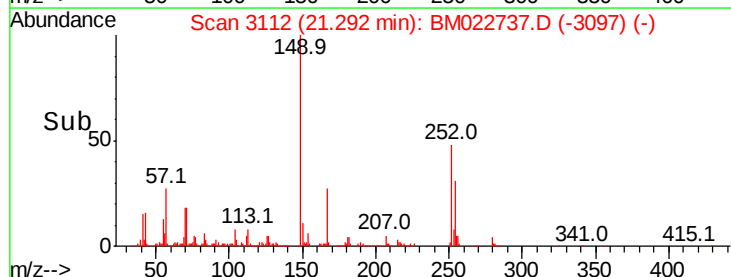
279 3.6 3.4 5.0

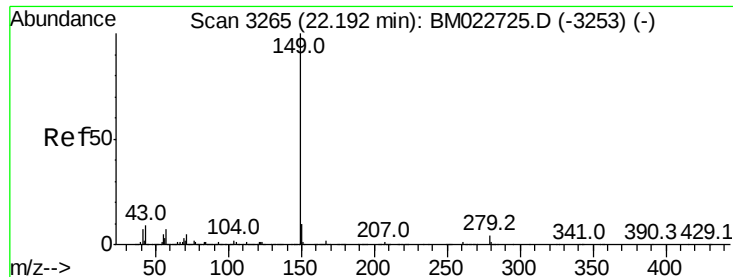


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 5.409 ng

RT: 22.18 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

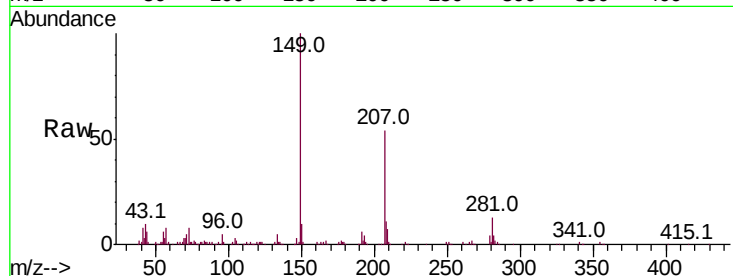
Tot Ion:149 Resp: 277935

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

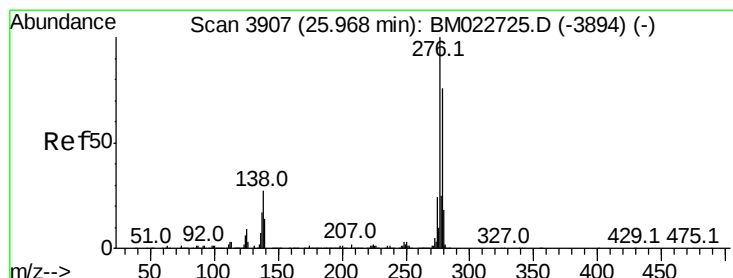
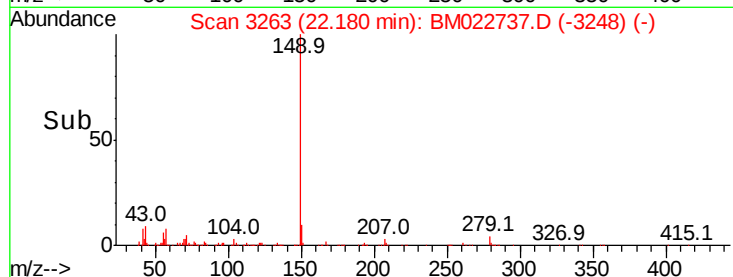
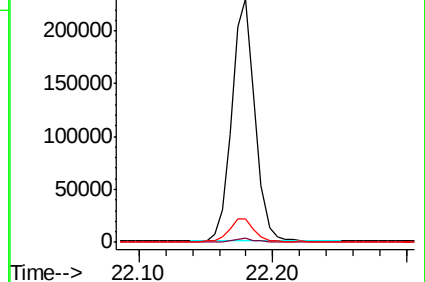
43 10.4 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BMO



#86

Indeno(1,2,3-cd)pyrene

Concen: 6.730 ng

RT: 25.94 min Scan# 3903

Delta R.T. -0.02 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

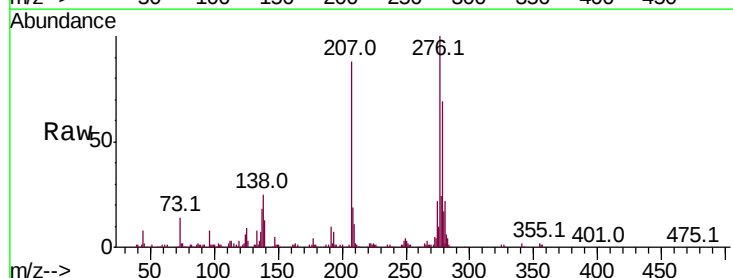
Tgt Ion:276 Resp: 440902

Ion Ratio Lower Upper

276 100

138 27.1 0.0 0.0#

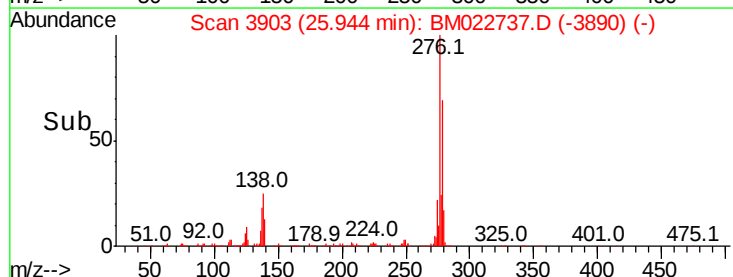
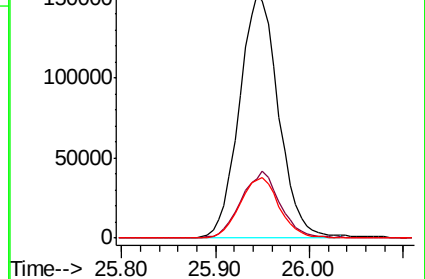
277 25.1 0.0 0.0#

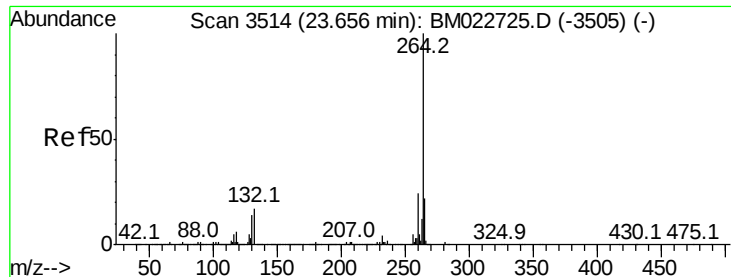


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

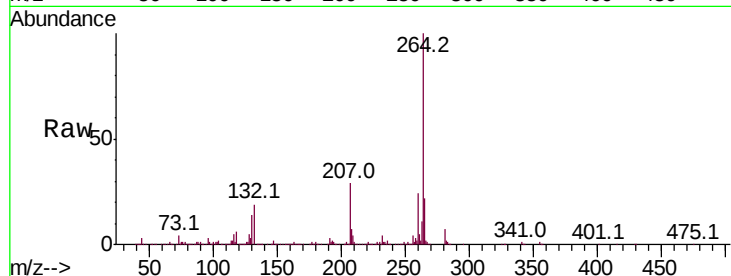
Tot Ion:264 Resp: 888312

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 22.4 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

600000

500000

400000

300000

200000

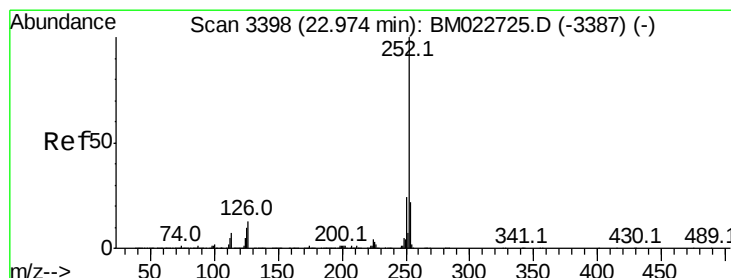
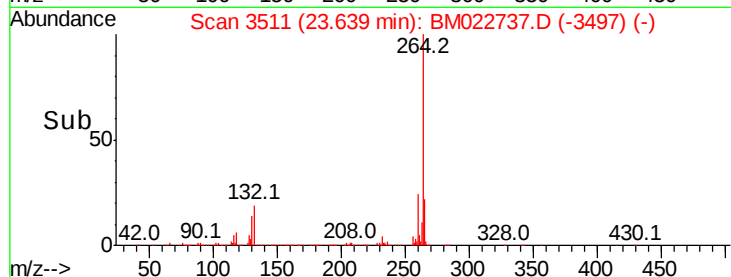
100000

0

23.64

23.60 23.70

Time-->



#88

Benzo(b)fluoranthene

Concen: 7.519 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.02 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

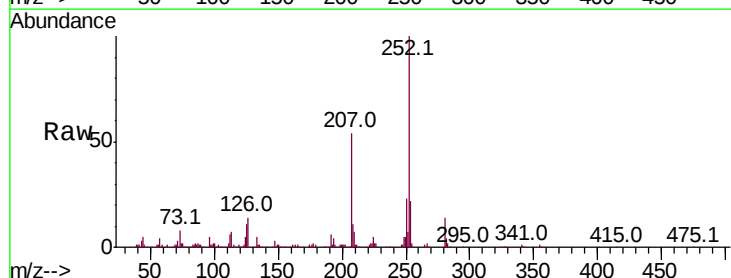
Tgt Ion:252 Resp: 404433

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 11.2 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

300000

200000

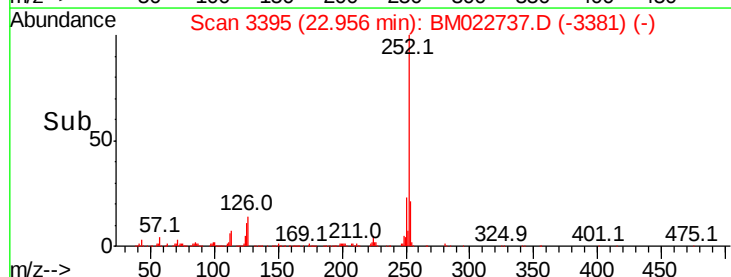
100000

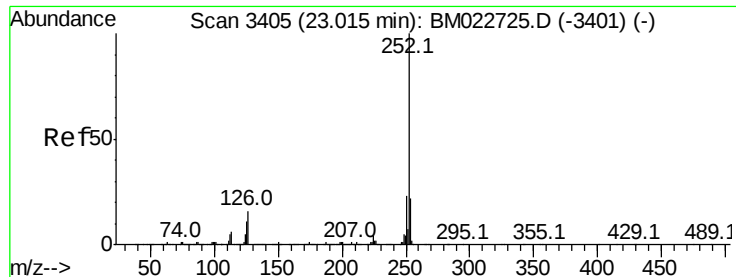
0

22.96

22.90 22.95 23.00

Time-->





#89

Benzo(k)fluoranthene

Concen: 7.434 ng

RT: 23.00 min Scan# 3402

Delta R.T. -0.02 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

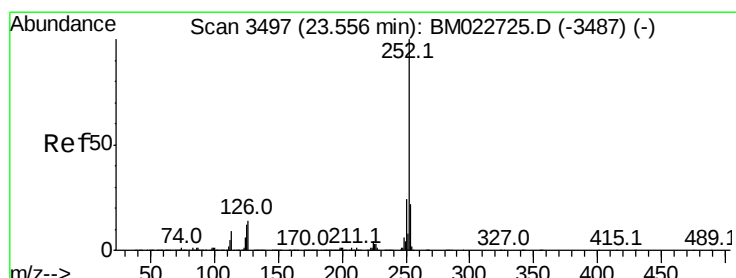
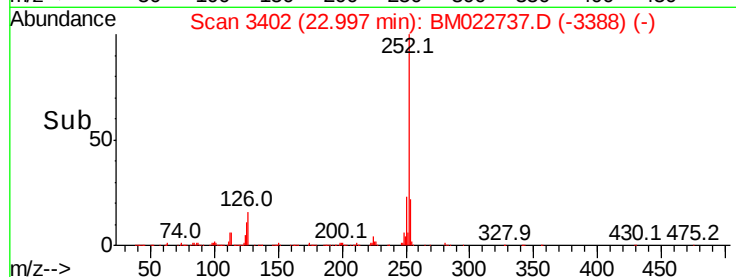
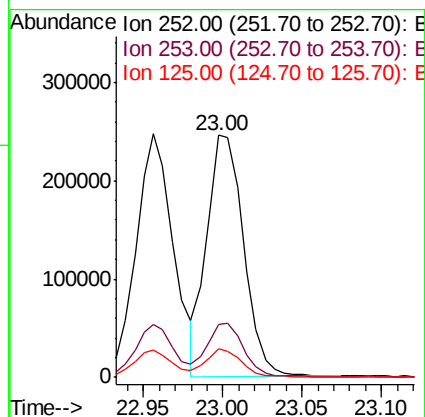
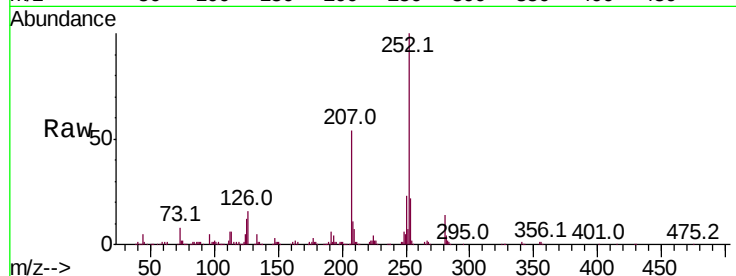
Tot Ion:252 Resp: 396749

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 11.7 8.5 12.7



#90

Benzo(a)pyrene

Concen: 7.439 ng

RT: 23.54 min Scan# 3494

Delta R.T. -0.02 min

Lab File: BM022737.D

Acq: 20 Sep 2019 22:08

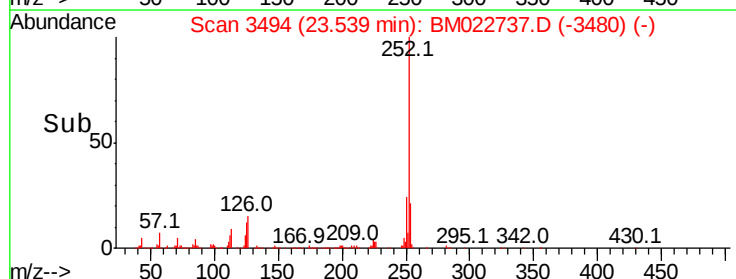
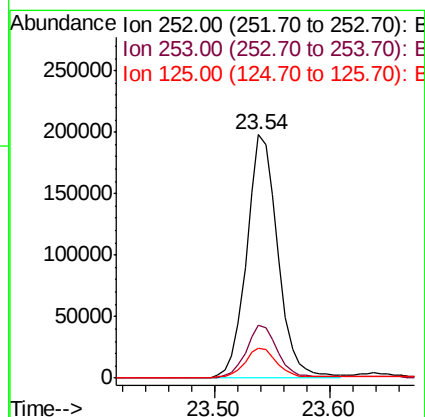
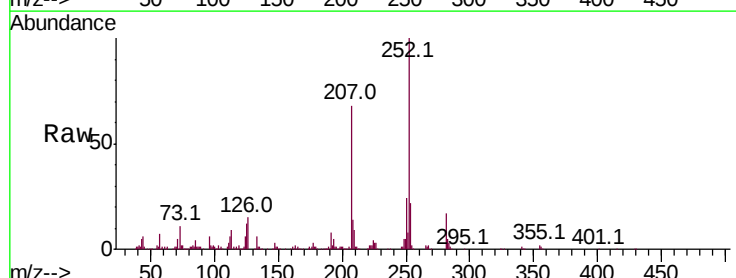
Tgt Ion:252 Resp: 368671

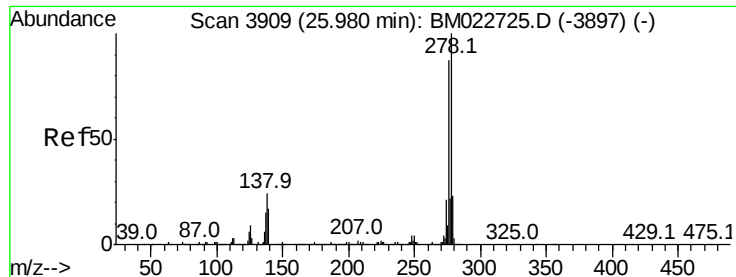
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 12.2 9.3 13.9

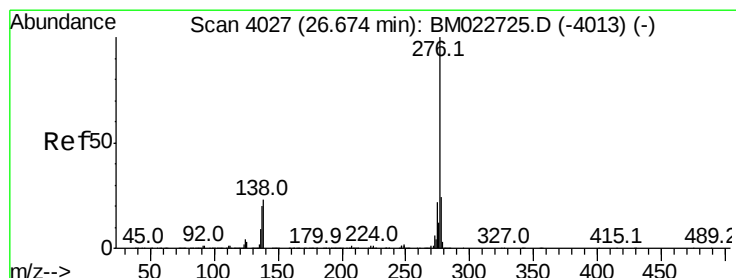
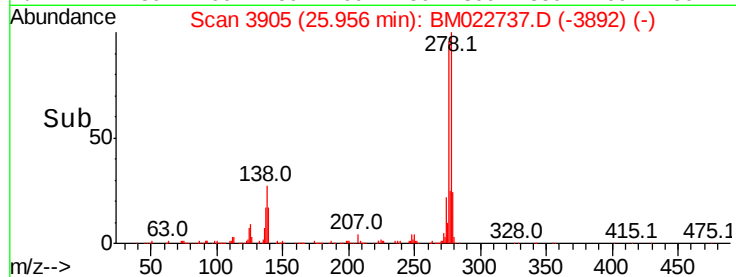
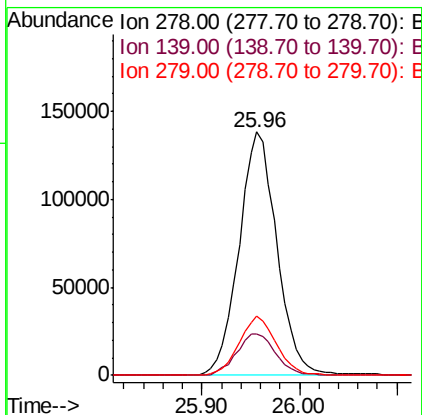
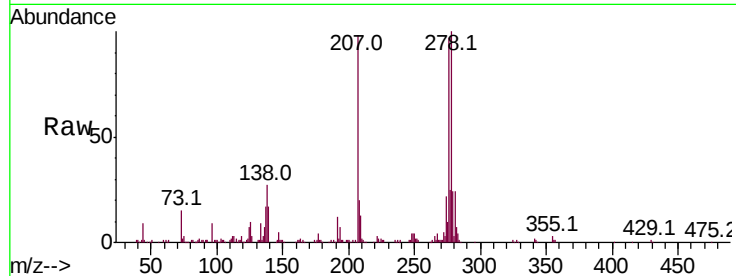




#91
Dibenzo(a,h)anthracene
Concen: 7.202 ng
RT: 25.96 min Scan# 3905
Delta R.T. -0.02 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.7	20.5
279	24.1	18.6	28.0



#92
Benzo(g,h,i)perylene
Concen: 7.294 ng
RT: 26.65 min Scan# 4023
Delta R.T. -0.02 min
Lab File: BM022737.D
Acq: 20 Sep 2019 22:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	22.6	18.5	27.7

