

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139263.D
 Acq On : 05 Sep 2024 17:56
 Operator : RC/JU
 Sample : P2403-07
 Misc : LOD-MDL-WATER-4 ng
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: Sep 05 18:31:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	111283	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	409942	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	221319	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	406540	20.000	ng	0.00
76) Chrysene-d12	14.045	240	211823	20.000	ng	0.00
86) Perylene-d12	15.521	264	188965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	761504	114.473	ng	0.00
7) Phenol-d6	6.510	99	1005318	113.204	ng	0.00
23) Nitrobenzene-d5	7.445	82	642180	81.494	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	220779	115.523	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1139452	79.474	ng	0.00
79) Terphenyl-d14	12.998	244	959775	73.157	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	12135	3.917	ng	96
3) Pyridine	3.457	79	25712	3.438	ng	98
4) n-Nitrosodimethylamine	3.357	42	17630	3.631	ng	# 96
6) Aniline	6.551	93	38162	4.673	ng	99
8) 2-Chlorophenol	6.669	128	28652	4.156	ng	# 78
9) Benzaldehyde	6.439	77	24939	4.639	ng	98
10) Phenol	6.522	94	38530	4.113	ng	# 44
11) bis(2-Chloroethyl)ether	6.622	93	28032	4.177	ng	97
12) 1,3-Dichlorobenzene	6.828	146	30632	3.925	ng	98
13) 1,4-Dichlorobenzene	6.904	146	32064	4.105	ng	99
14) 1,2-Dichlorobenzene	7.057	146	29945	4.111	ng	98
15) Benzyl Alcohol	7.022	79	33806	5.220	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	54603	4.274	ng	99
17) 2-Methylphenol	7.128	107	22235	3.948	ng	98
18) Hexachloroethane	7.398	117	10617	3.806	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	20562	4.020	ng	95
20) 3+4-Methylphenols	7.281	107	28921	4.075	ng	98
22) Acetophenone	7.286	105	41134	4.212	ng	99
24) Nitrobenzene	7.463	77	33794	4.041	ng	99
25) Isophorone	7.698	82	53761	3.991	ng	98
26) 2-Nitrophenol	7.781	139	11800	3.592	ng	97
27) 2,4-Dimethylphenol	7.816	122	16614	3.546	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	32262	4.019	ng	98
29) 2,4-Dichlorophenol	8.016	162	21309	3.799	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	26399	4.121	ng	96
31) Naphthalene	8.192	128	84616	4.076	ng	100
32) Benzoic acid	7.863	122	4905	1.149	ng	84
33) 4-Chloroaniline	8.233	127	30114	4.189	ng	99
34) Hexachlorobutadiene	8.310	225	14928	3.677	ng	97
35) Caprolactam	8.557	113	5918	3.408	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	23302	3.812	ng	98
37) 2-Methylnaphthalene	8.880	142	53133	4.091	ng	97
38) 1-Methylnaphthalene	8.980	142	50235	3.933	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	26105	4.169	ng	99
41) Hexachlorocyclopentadiene	9.033	237	6860	3.409	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	15365	3.750	ng	96

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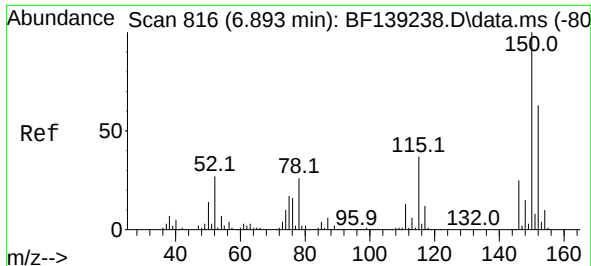
Quant Time: Sep 05 18:31:20 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	15121	3.522	ng	98
46) 1,1'-Biphenyl	9.345	154	71591	4.366	ng	99
47) 2-Chloronaphthalene	9.369	162	49573	4.004	ng	98
48) 2-Nitroaniline	9.457	65	15458	3.625	ng	91
49) Acenaphthylene	9.780	152	80844	4.335	ng	100
50) Dimethylphthalate	9.639	163	55129	4.110	ng	100
51) 2,6-Dinitrotoluene	9.698	165	10736	3.528	ng	97
52) Acenaphthene	9.957	154	48680	3.936	ng	100
53) 3-Nitroaniline	9.869	138	11915	3.675	ng	97
54) 2,4-Dinitrophenol	9.975	184	1139	8.173	ng	# 38
55) Dibenzofuran	10.127	168	75411	4.253	ng	98
56) 4-Nitrophenol	10.022	139	6208	2.594	ng	87
57) 2,4-Dinitrotoluene	10.098	165	12728	3.286	ng	# 97
58) Fluorene	10.469	166	58199	4.233	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	12701	3.758	ng	95
60) Diethylphthalate	10.339	149	52469	3.975	ng	99
61) 4-Chlorophenyl-phenylether	10.463	204	27575	4.159	ng	97
62) 4-Nitroaniline	10.474	138	10416	3.375	ng	98
63) Azobenzene	10.622	77	55382	3.981	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	3167	1.686	ng	91
66) n-Nitrosodiphenylamine	10.580	169	47361	4.002	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	15511	3.932	ng	100
68) Hexachlorobenzene	11.016	284	17194	3.808	ng	98
69) Atrazine	11.098	200	13417	4.914	ng	98
70) Pentachlorophenol	11.210	266	5874	2.252	ng	96
71) Phenanthrene	11.433	178	80437	4.235	ng	99
72) Anthracene	11.480	178	76423	4.119	ng	99
73) Carbazole	11.639	167	67016	3.865	ng	100
74) Di-n-butylphthalate	11.969	149	65357	3.681	ng	99
75) Fluoranthene	12.621	202	75876	3.985	ng	98
77) Benzidine	12.745	184	17768	4.166	ng	# 94
78) Pyrene	12.845	202	80227	3.921	ng	100
80) Butylbenzylphthalate	13.468	149	15578	3.234	ng	99
81) Benzo(a)anthracene	14.033	228	52224	3.861	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	12457	3.468	ng	99
83) Chrysene	14.068	228	51769	4.101	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	16632	2.942	ng	96
85) Di-n-octyl phthalate	14.645	149	24476	2.261	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.992	276	34113	2.890	ng	97
88) Benzo(b)fluoranthene	15.086	252	37178	3.416	ng	99
89) Benzo(k)fluoranthene	15.115	252	40900	4.192	ng	99
90) Benzo(a)pyrene	15.457	252	35081	3.796	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	26456	2.719	ng	98
92) Benzo(g,h,i)perylene	17.433	276	26764	2.665	ng	92

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

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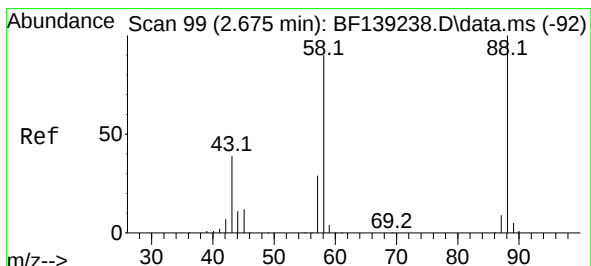
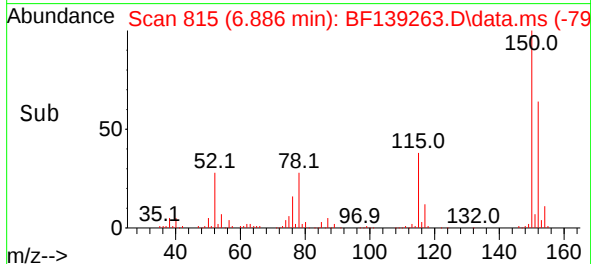
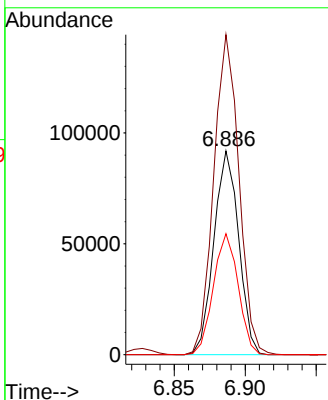
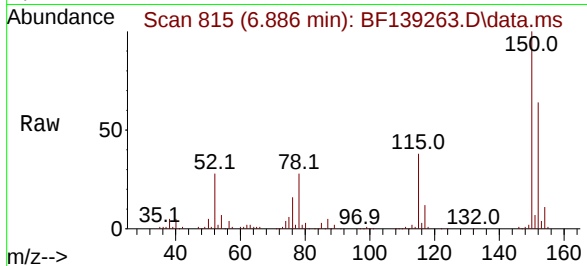
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BF139263.D
 Acq: 05 Sep 2024 17:56

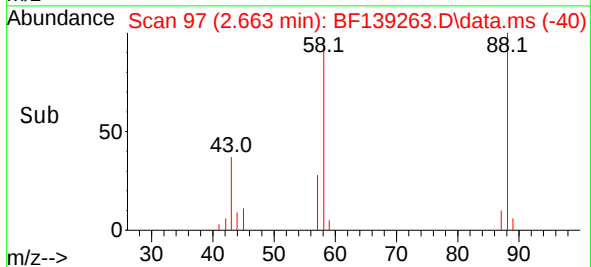
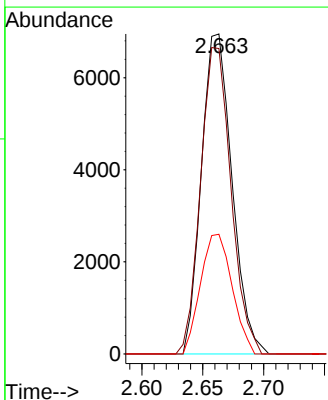
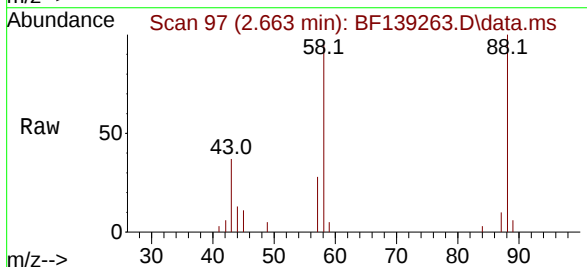
Instrument :
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 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

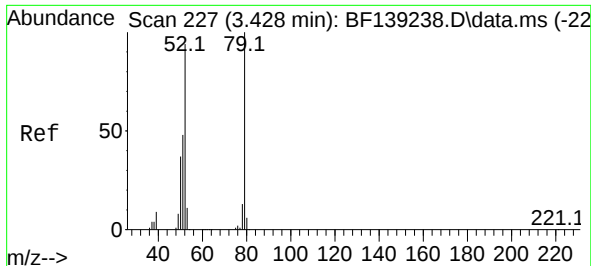
Tgt Ion:152 Resp: 111283
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.0 190.4
 115 59.4 46.9 70.3



#2
 1,4-Dioxane
 Concen: 3.917 ng
 RT: 2.663 min Scan# 97
 Delta R.T. -0.012 min
 Lab File: BF139263.D
 Acq: 05 Sep 2024 17:56

Tgt Ion: 88 Resp: 12135
 Ion Ratio Lower Upper
 88 100
 58 95.3 72.5 108.7
 43 38.6 31.4 47.2

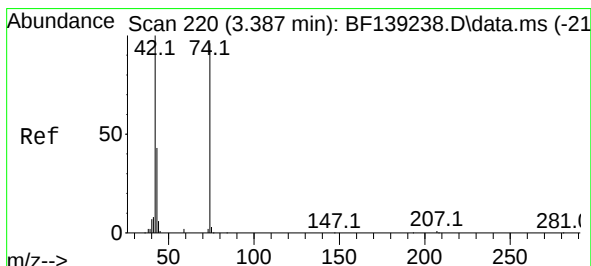
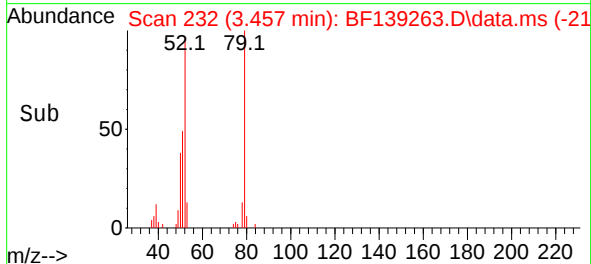
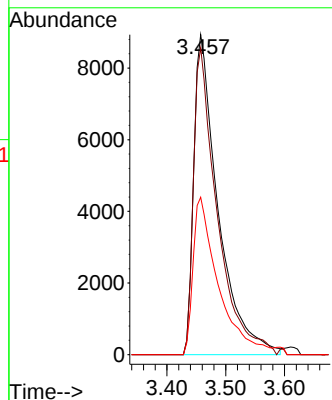
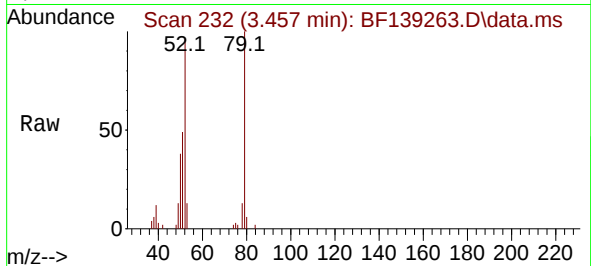




#3
Pyridine
Concen: 3.438 ng
RT: 3.457 min Scan# 215
Delta R.T. 0.029 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

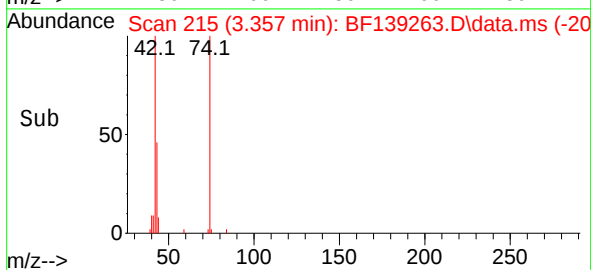
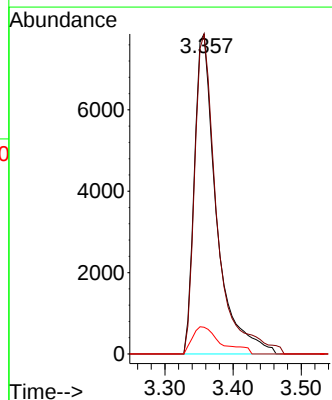
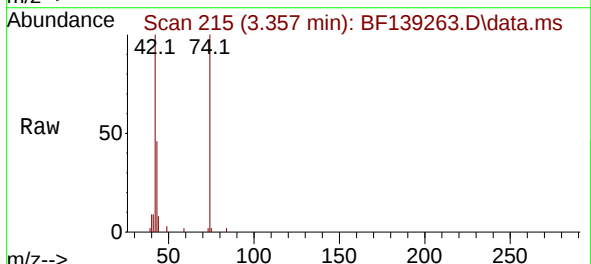
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

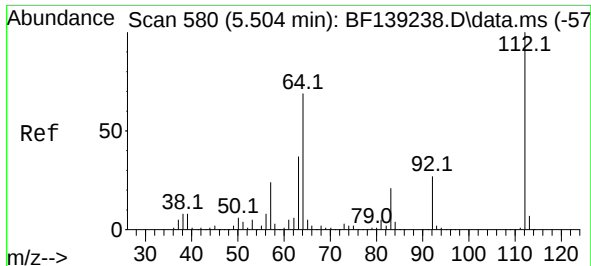
Tgt Ion: 79 Resp: 25712
Ion Ratio Lower Upper
79 100
52 95.9 75.3 112.9
51 49.2 38.2 57.2



#4
n-Nitrosodimethylamine
Concen: 3.631 ng
RT: 3.357 min Scan# 215
Delta R.T. -0.030 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion: 42 Resp: 17630
Ion Ratio Lower Upper
42 100
74 99.9 77.2 115.8
44 8.4 5.1 7.7#

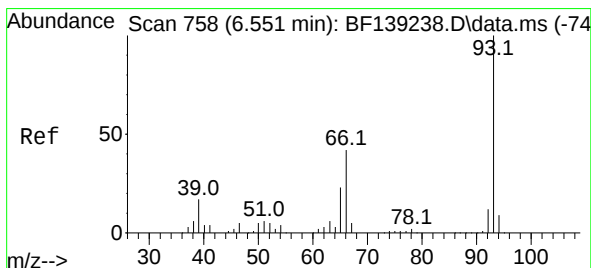
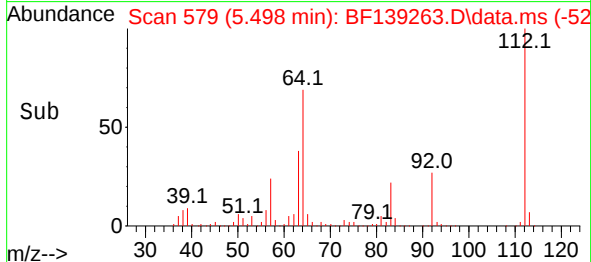
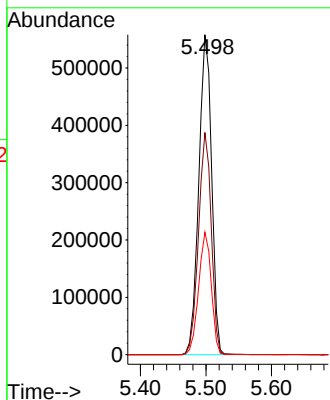
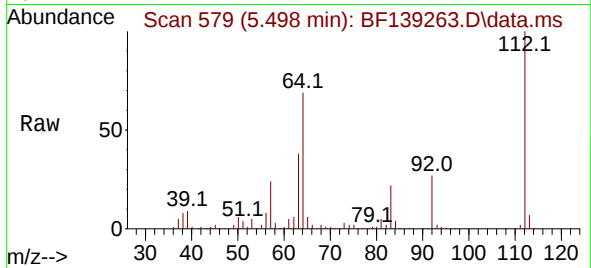




#5
2-Fluorophenol
Concen: 114.473 ng
RT: 5.498 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

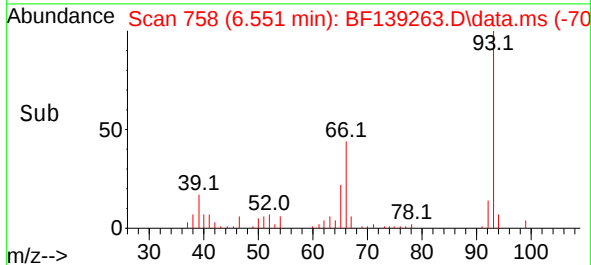
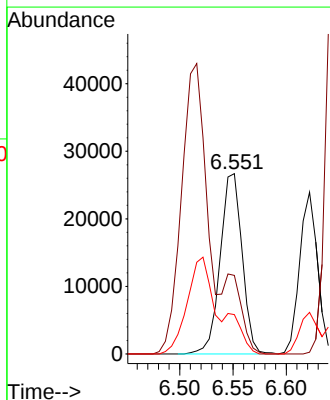
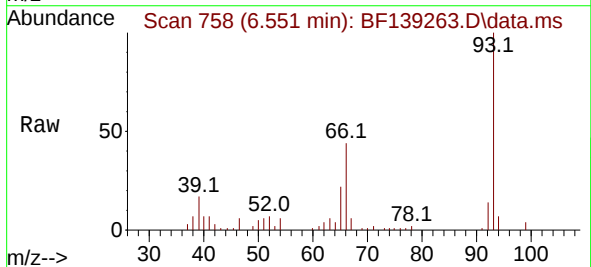
Instrument :
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ClientSampleId :
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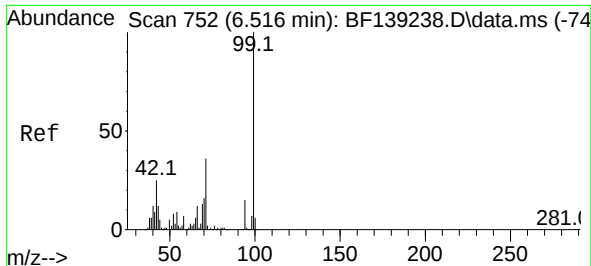
Tgt Ion:112 Resp: 761504
Ion Ratio Lower Upper
112 100
64 69.5 55.0 82.4
63 38.2 29.9 44.9



#6
Aniline
Concen: 4.673 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion: 93 Resp: 38162
Ion Ratio Lower Upper
93 100
66 43.6 34.4 51.6
65 21.9 18.2 27.4





#7

Phenol-d6

Concen: 113.204 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

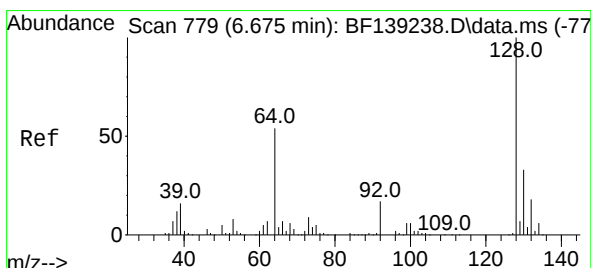
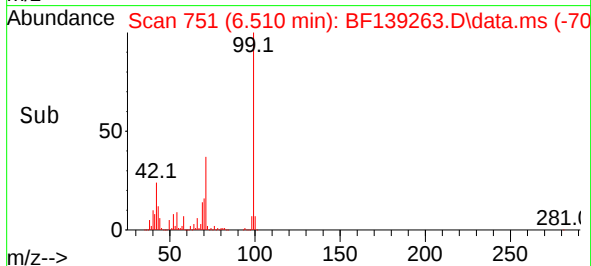
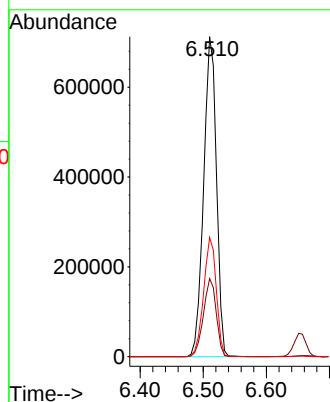
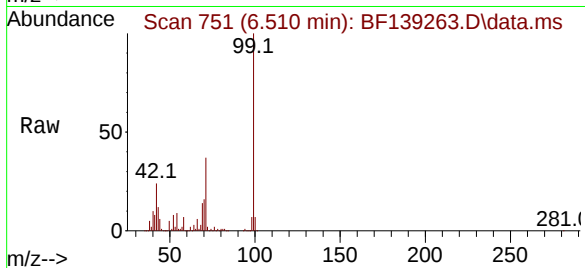
Tgt Ion: 99 Resp: 1005318

Ion Ratio Lower Upper

99 100

42 24.4 19.8 29.6

71 37.2 28.8 43.2



#8

2-Chlorophenol

Concen: 4.156 ng

RT: 6.669 min Scan# 778

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

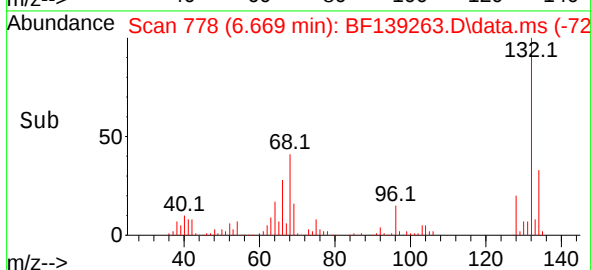
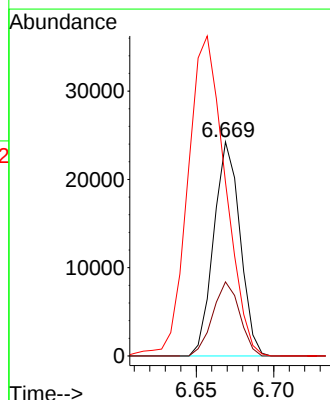
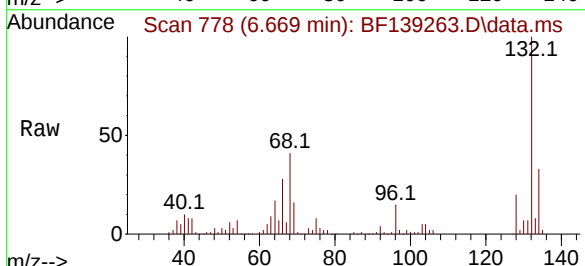
Tgt Ion:128 Resp: 28652

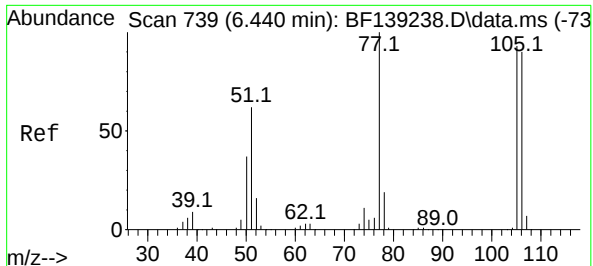
Ion Ratio Lower Upper

128 100

130 34.6 12.7 52.7

64 81.2 36.6 76.6#





#9

Benzaldehyde

Concen: 4.639 ng

RT: 6.439 min Scan# 74

Delta R.T. -0.001 min

Lab File: BF139263.D

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BNA_F

ClientSampleId :

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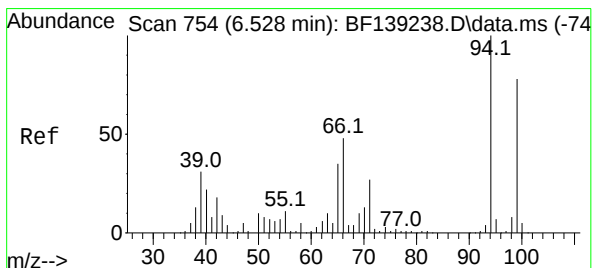
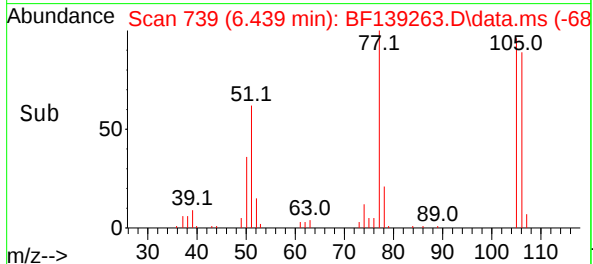
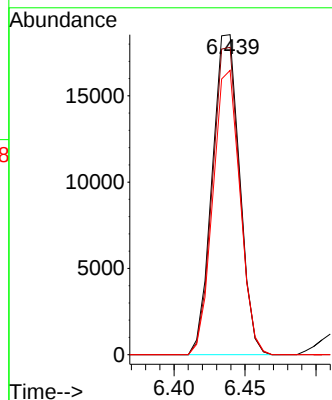
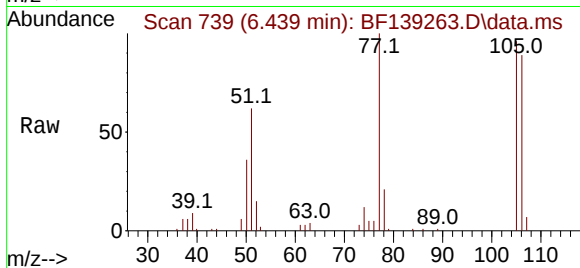
Tgt Ion: 77 Resp: 24939

Ion Ratio Lower Upper

77 100

105 96.1 72.9 112.9

106 88.9 69.6 109.6



#10

Phenol

Concen: 4.113 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

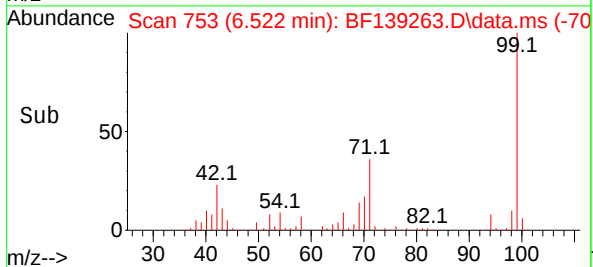
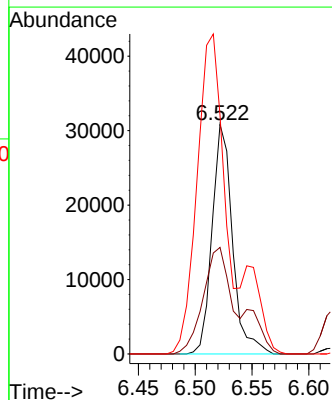
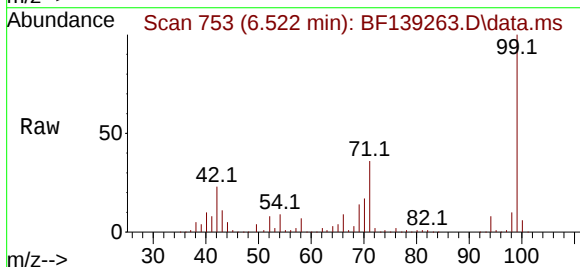
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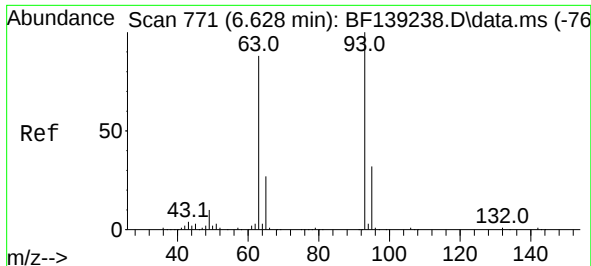
Ion Ratio Lower Upper

94 100

65 46.4 14.7 54.7

66 103.9 28.5 68.5#





#11

bis(2-Chloroethyl)ether

Concen: 4.177 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

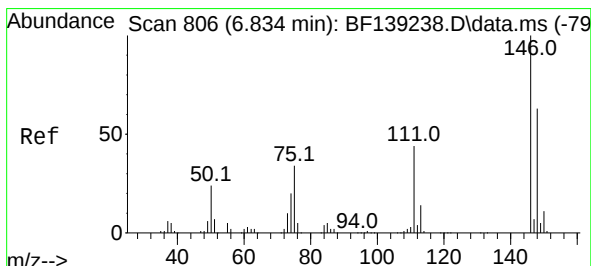
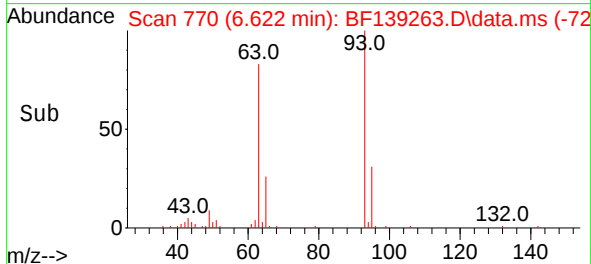
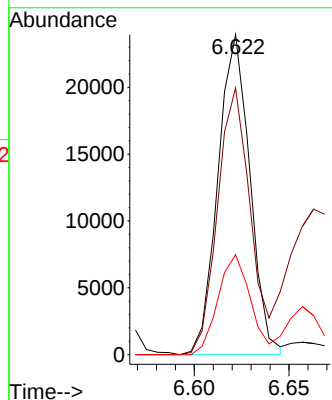
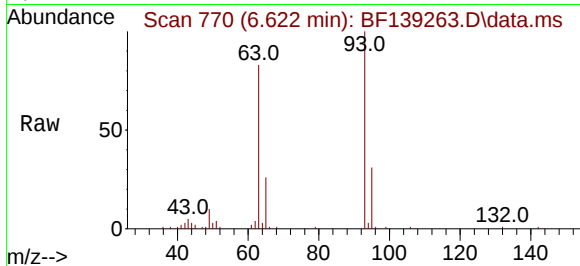
Tgt Ion: 93 Resp: 28032

Ion Ratio Lower Upper

93 100

63 83.3 67.1 107.1

95 31.3 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 3.925 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

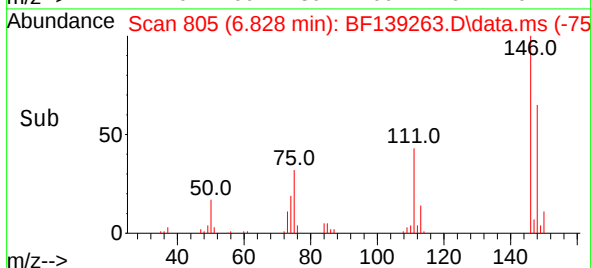
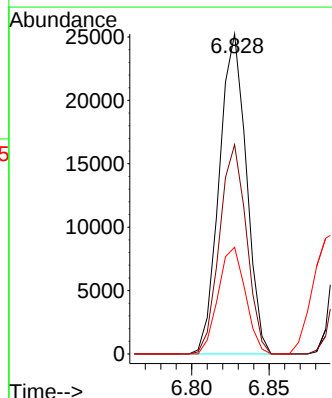
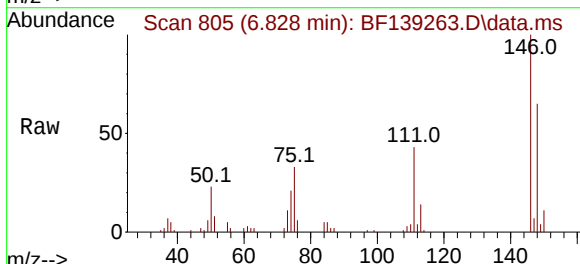
Tgt Ion:146 Resp: 30632

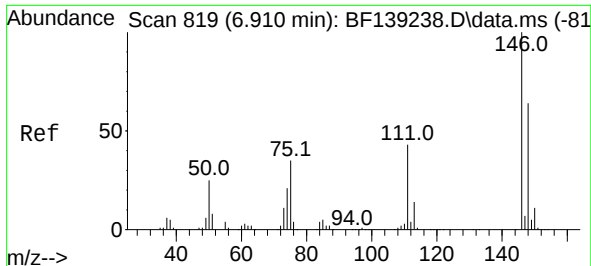
Ion Ratio Lower Upper

146 100

148 65.4 50.8 76.2

75 33.4 27.3 40.9





#13

1,4-Dichlorobenzene

Concen: 4.105 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

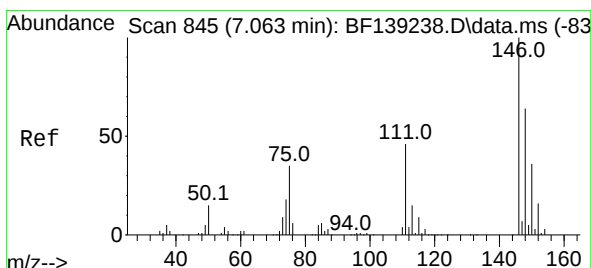
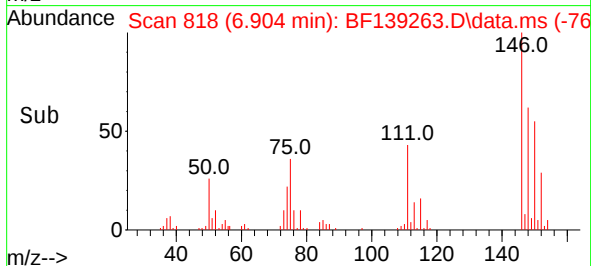
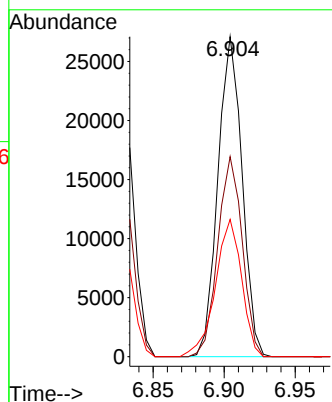
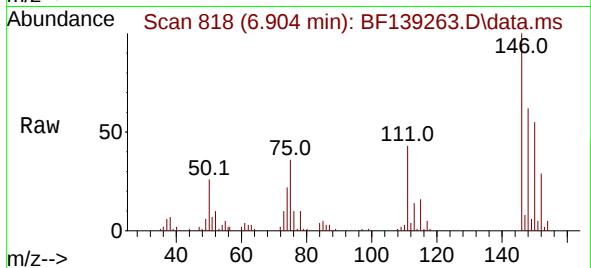
Tgt Ion:146 Resp: 32064

Ion Ratio Lower Upper

146 100

148 62.5 51.2 76.8

111 42.9 34.6 51.8



#14

1,2-Dichlorobenzene

Concen: 4.111 ng

RT: 7.057 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

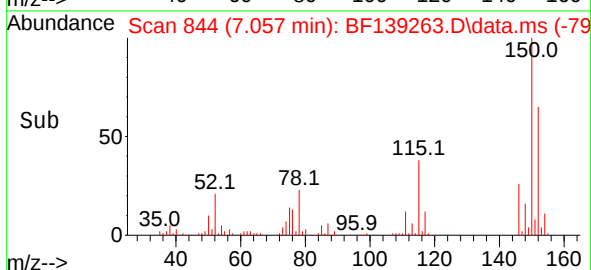
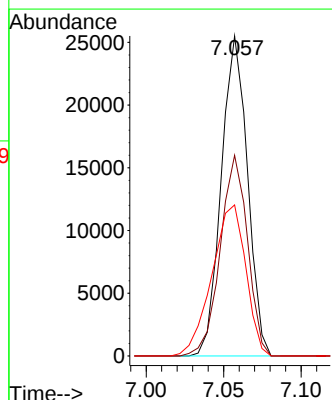
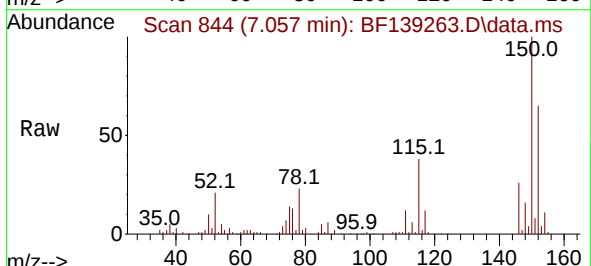
Tgt Ion:146 Resp: 29945

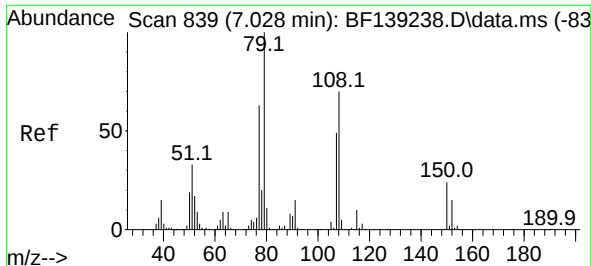
Ion Ratio Lower Upper

146 100

148 62.7 50.9 76.3

111 47.2 36.6 55.0





#15

Benzyl Alcohol

Concen: 5.220 ng

RT: 7.022 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF139263.D

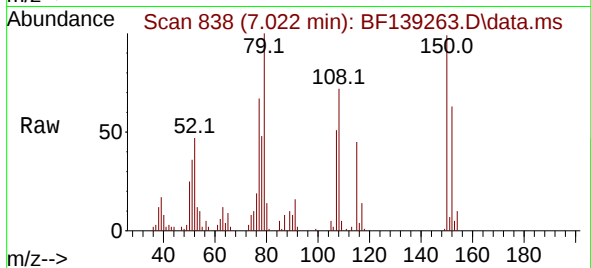
Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



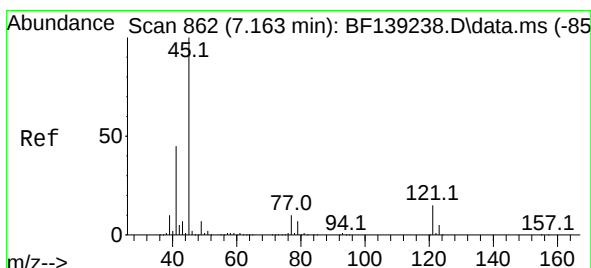
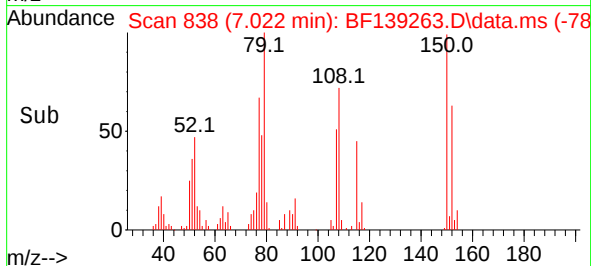
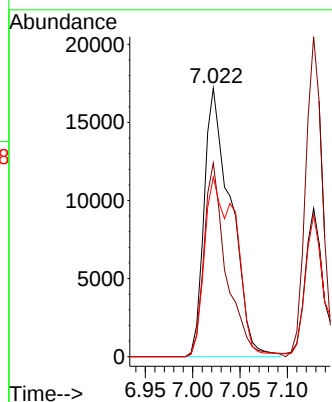
Tgt Ion: 79 Resp: 33806

Ion Ratio Lower Upper

79 100

108 72.1 56.1 84.1

77 66.9 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.274 ng

RT: 7.157 min Scan# 861

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

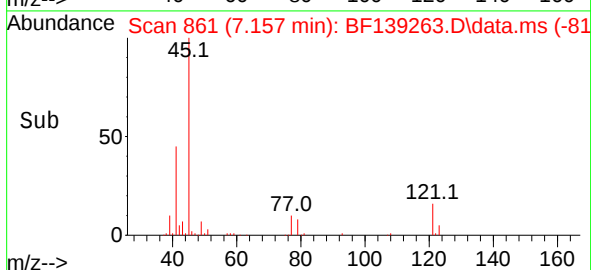
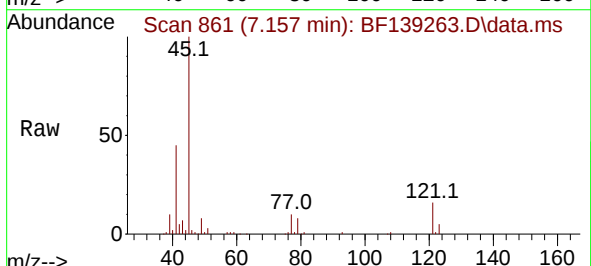
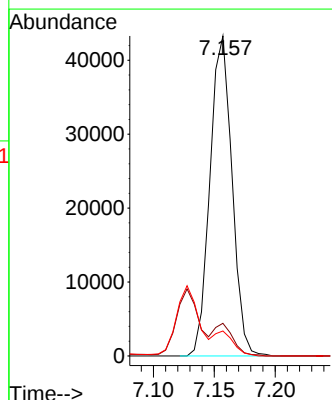
Tgt Ion: 45 Resp: 54603

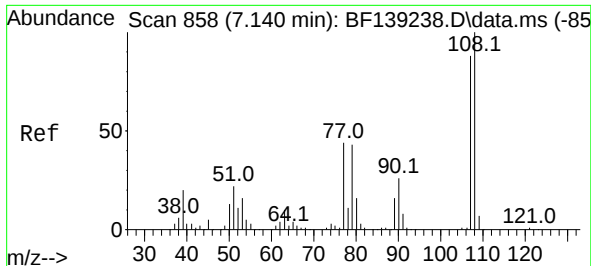
Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.0

79 7.8 0.0 27.6

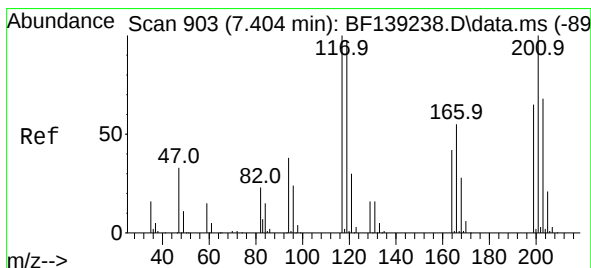
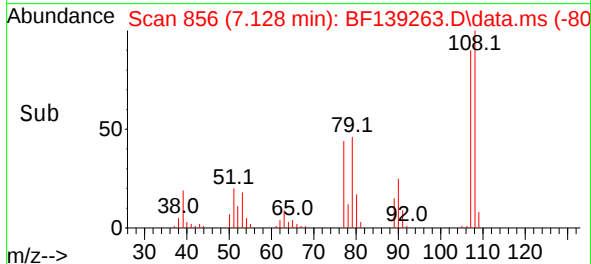
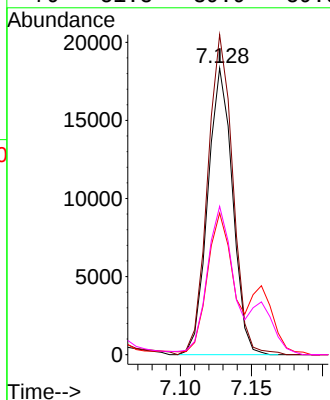
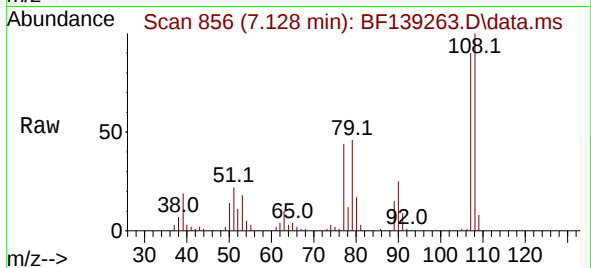




#17
2-Methylphenol
Concen: 3.948 ng
RT: 7.128 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

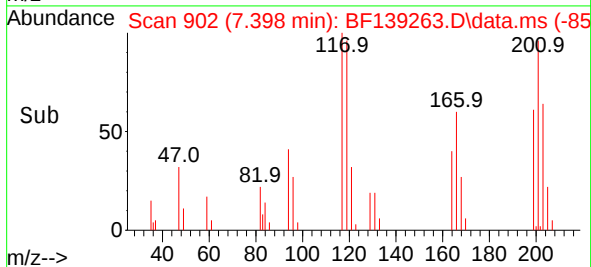
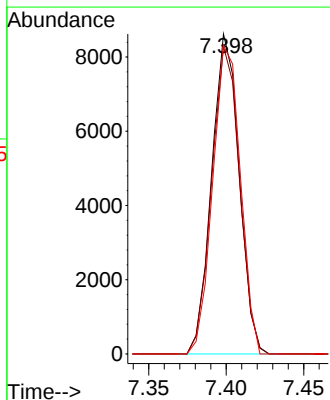
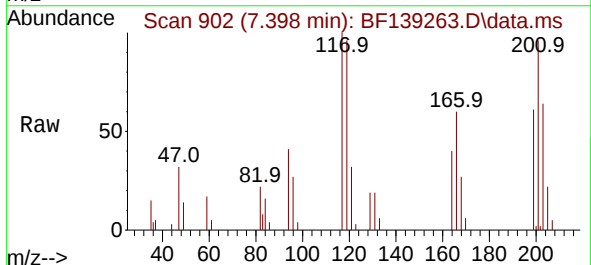
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

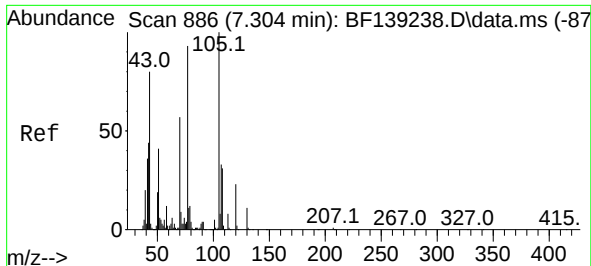
Tgt Ion:	107	Resp:	22235
Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.4	137.2
77	49.4	40.1	60.1
79	51.8	39.9	59.9



#18
Hexachloroethane
Concen: 3.806 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:	117	Resp:	10617
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.2
201	96.5	80.0	120.0





#19

n-Nitroso-di-n-propylamine

Concen: 4.020 ng

RT: 7.286 min Scan# 881

Delta R.T. -0.018 min

Lab File: BF139263.D

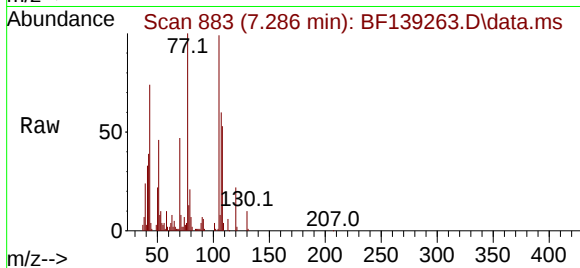
Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 70 Resp: 20562

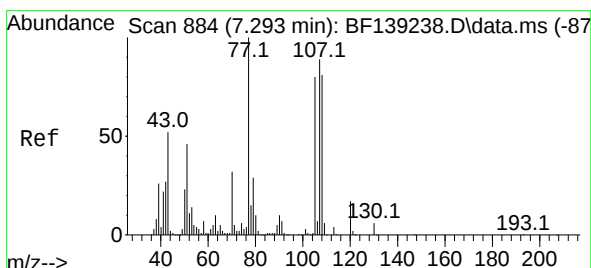
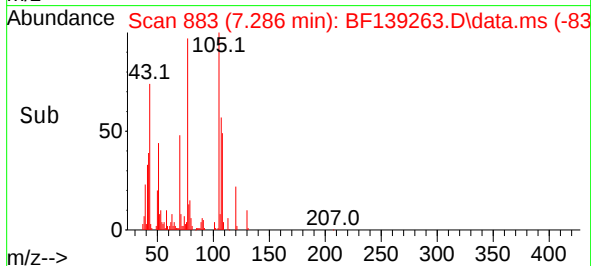
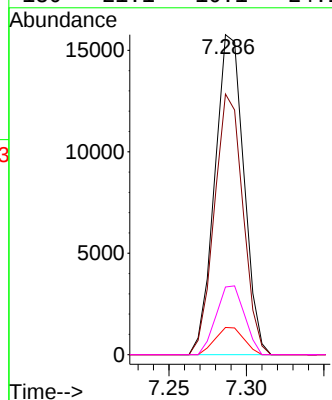
Ion Ratio Lower Upper

70 100

42 81.5 61.0 91.6

101 8.5 7.2 10.8

130 21.1 16.1 24.1



#20

3+4-Methylphenols

Concen: 4.075 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Tgt Ion: 107 Resp: 28921

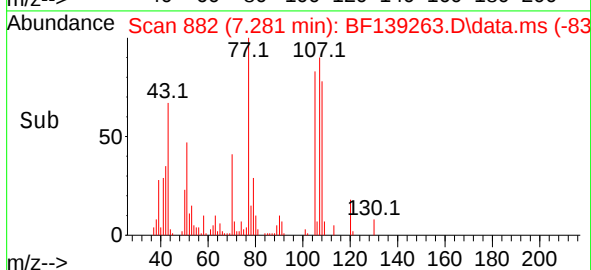
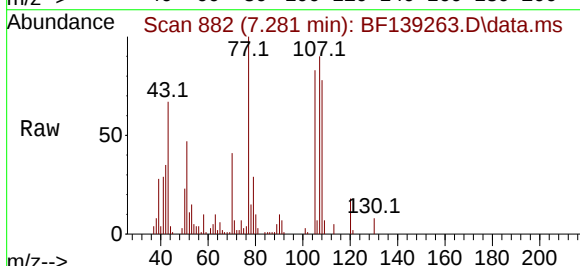
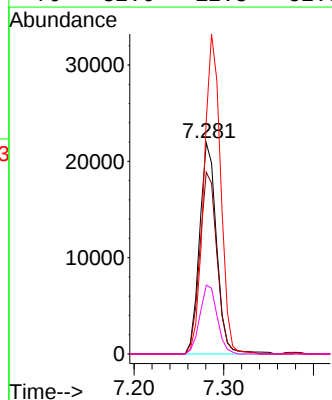
Ion Ratio Lower Upper

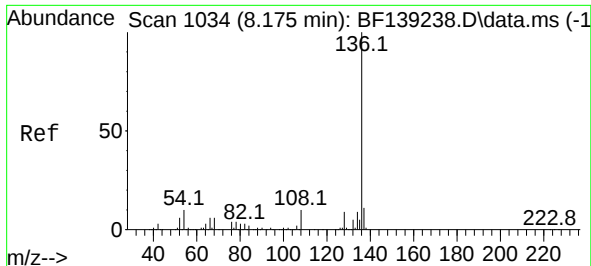
107 100

108 86.1 70.4 110.4

77 110.6 92.2 132.2

79 32.6 12.8 52.8



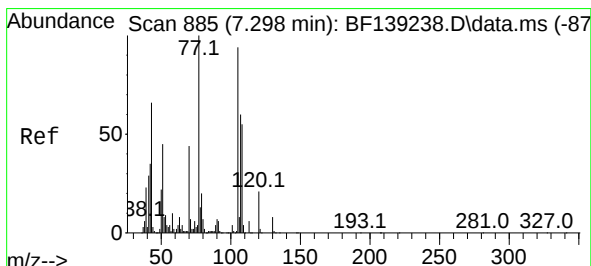
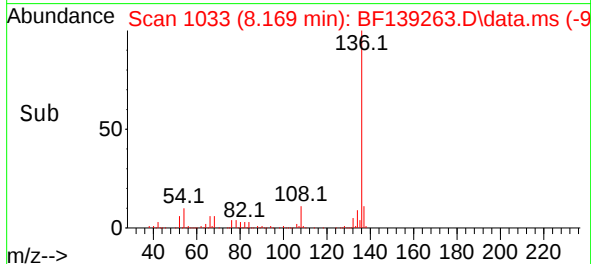
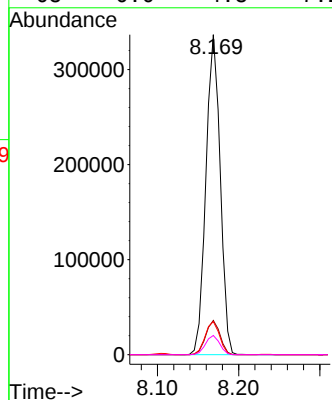
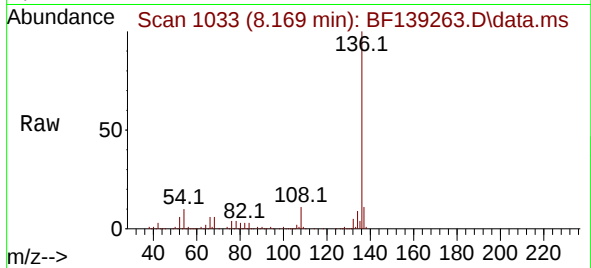


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:136 Resp: 409942

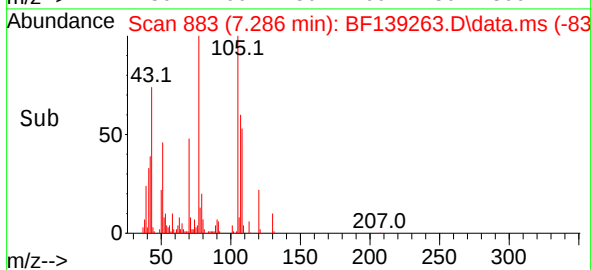
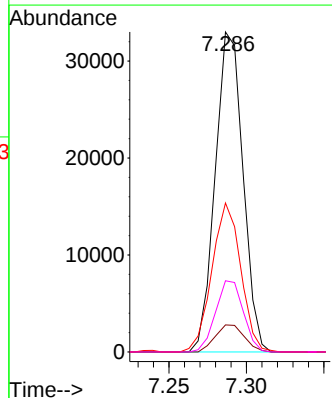
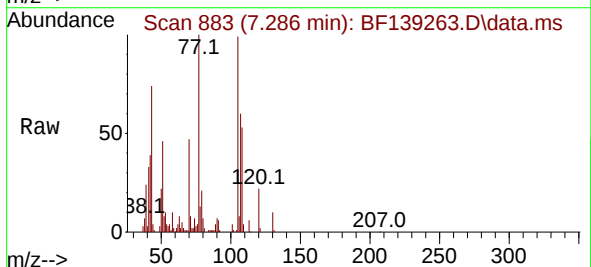
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.3	8.4	12.6
68	6.0	4.8	7.2

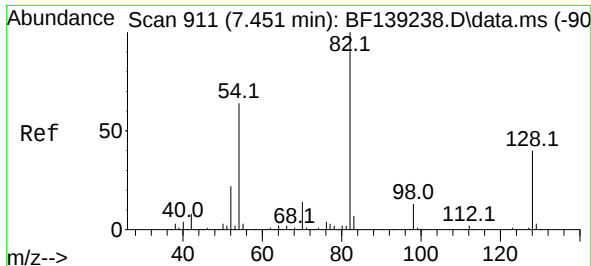


#22
Acetophenone
Concen: 4.212 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:105 Resp: 41134

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.2	9.2
51	46.6	38.2	57.2
120	22.2	17.7	26.5





#23

Nitrobenzene-d5

Concen: 81.494 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

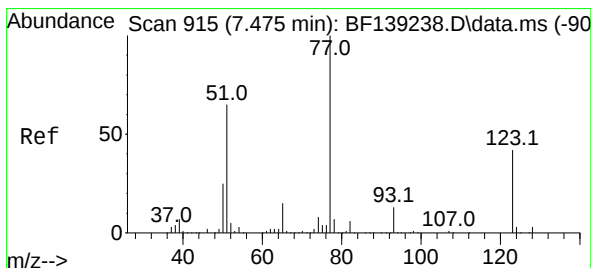
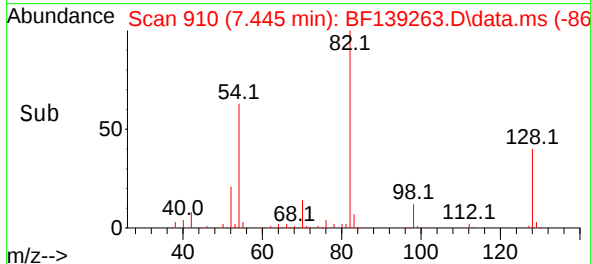
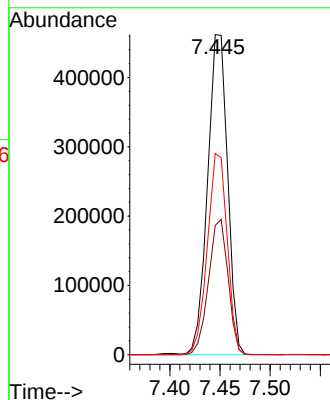
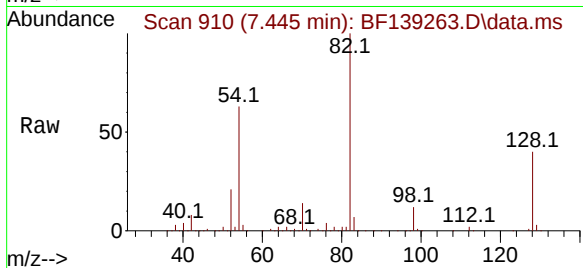
Tgt Ion: 82 Resp: 642180

Ion Ratio Lower Upper

82 100

128 40.4 32.3 48.5

54 62.9 51.2 76.8



#24

Nitrobenzene

Concen: 4.041 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

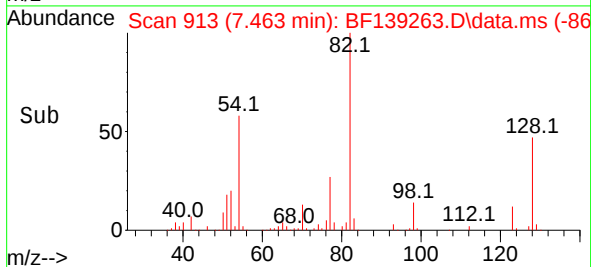
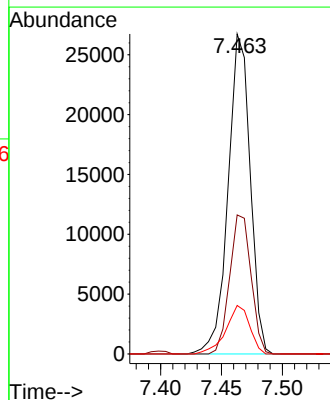
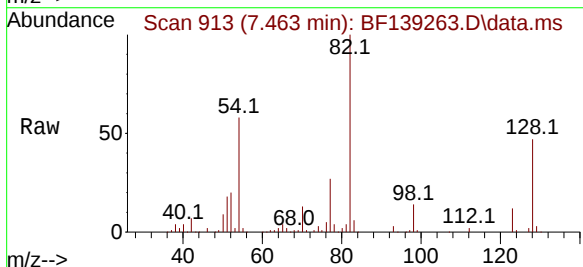
Tgt Ion: 77 Resp: 33794

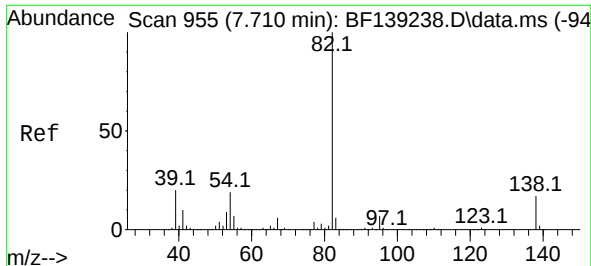
Ion Ratio Lower Upper

77 100

123 43.5 34.0 51.0

65 15.2 12.1 18.1

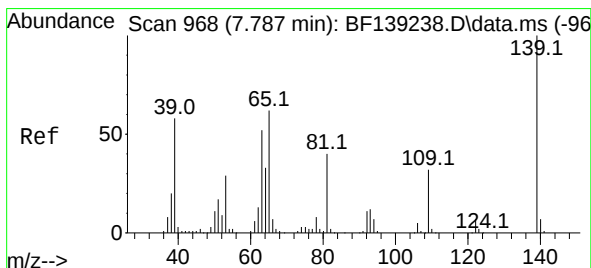
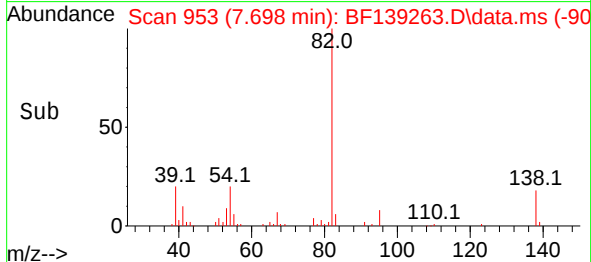
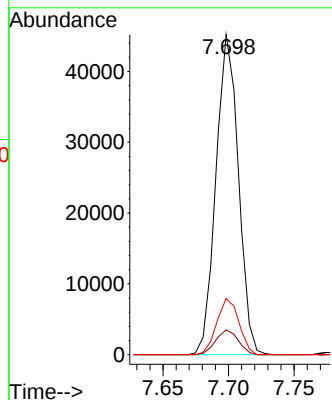
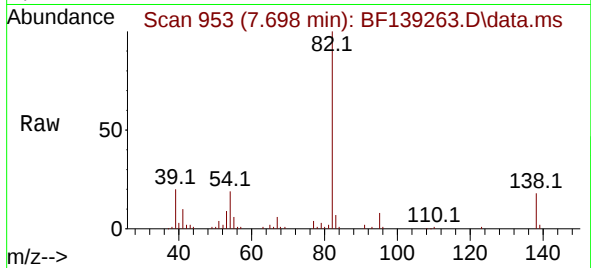




#25
Isophorone
Concen: 3.991 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

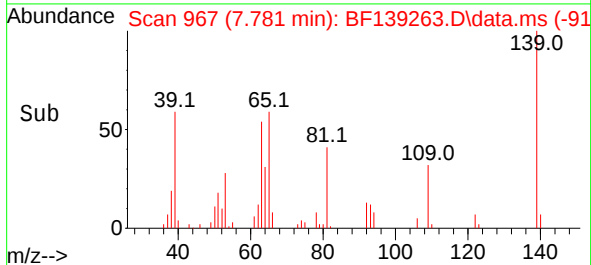
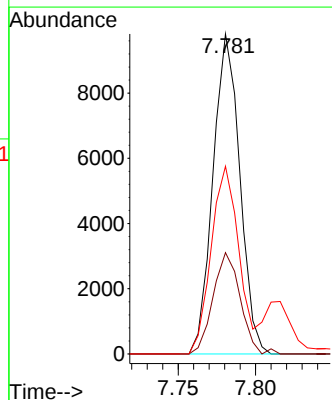
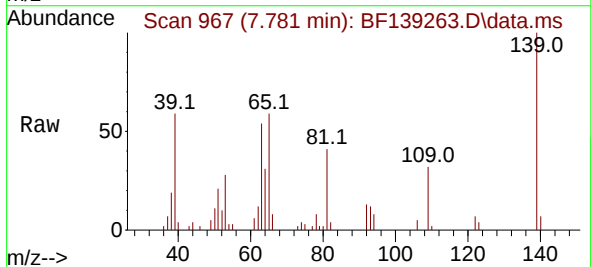
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

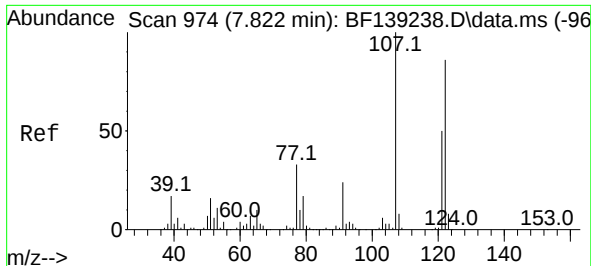
Tgt Ion: 82 Resp: 53761
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 17.6 13.4 20.0



#26
2-Nitrophenol
Concen: 3.592 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:139 Resp: 11800
Ion Ratio Lower Upper
139 100
109 31.6 25.4 38.2
65 58.7 49.4 74.2

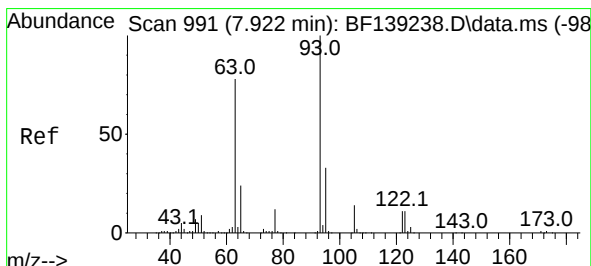
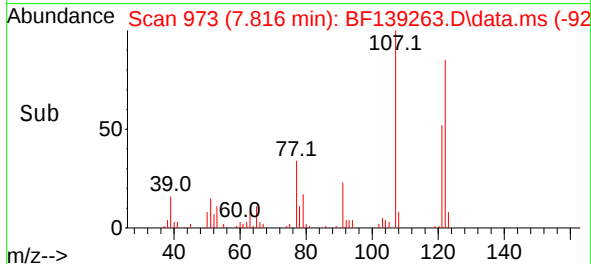
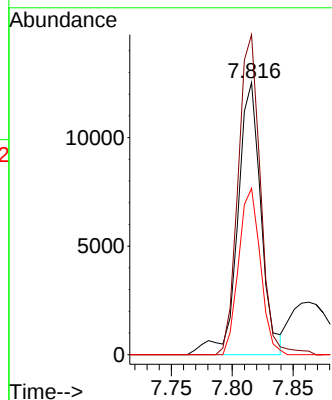
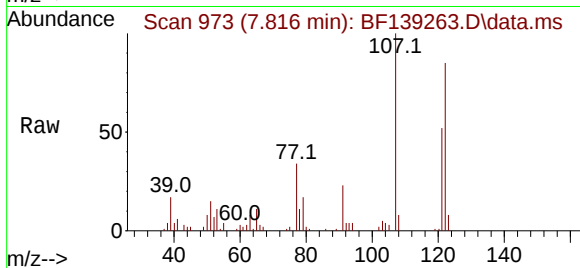




#27
2,4-Dimethylphenol
Concen: 3.546 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

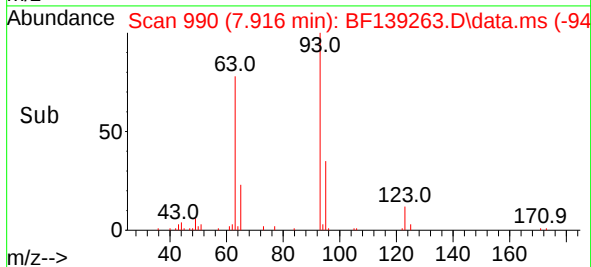
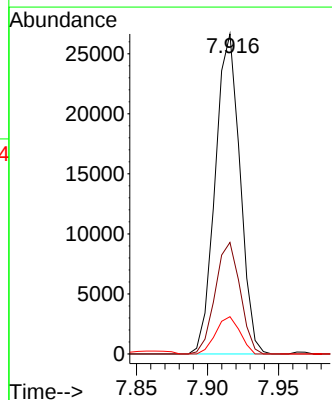
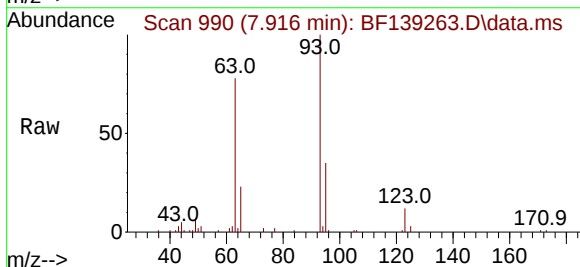
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

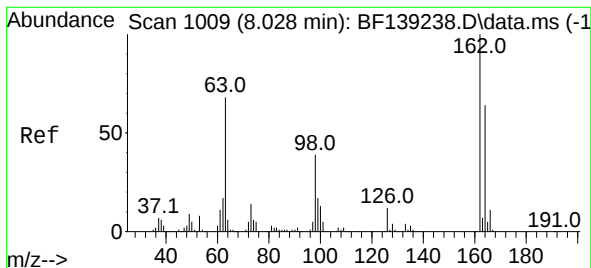
Tgt Ion:122 Resp: 16614
Ion Ratio Lower Upper
122 100
107 117.6 93.4 140.2
121 61.2 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 4.019 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion: 93 Resp: 32262
Ion Ratio Lower Upper
93 100
95 34.9 26.6 40.0
123 11.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 3.799 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

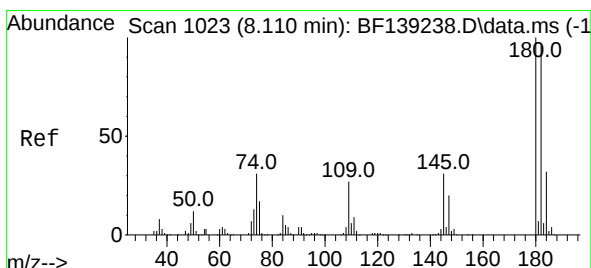
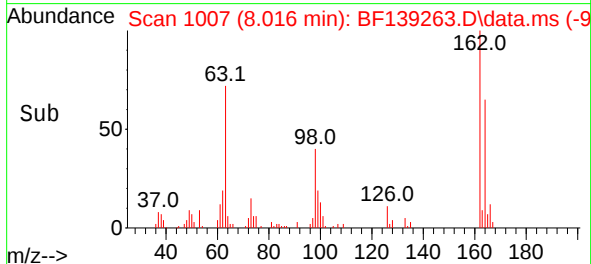
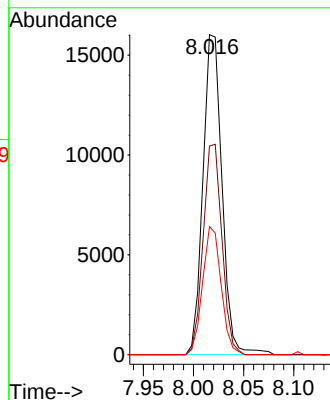
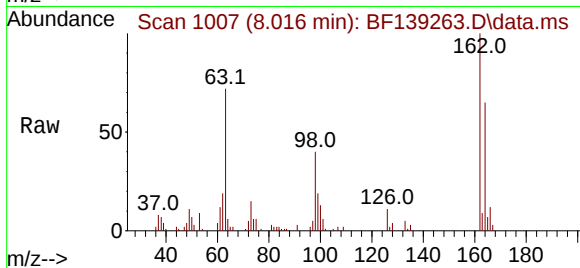
Tgt Ion:162 Resp: 21309

Ion Ratio Lower Upper

162 100

164 65.2 43.6 83.6

98 40.0 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 4.121 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

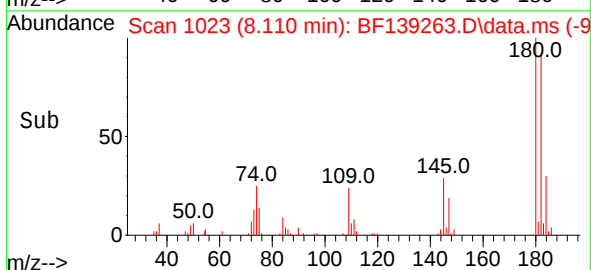
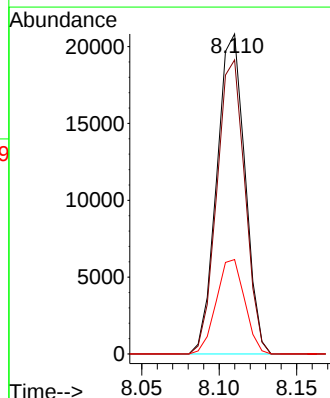
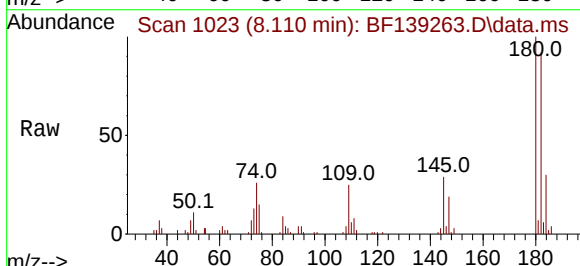
Tgt Ion:180 Resp: 26399

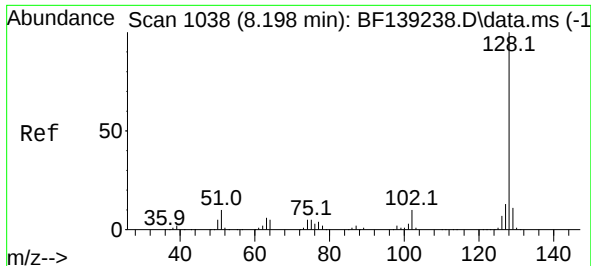
Ion Ratio Lower Upper

180 100

182 91.9 76.5 114.7

145 29.5 25.1 37.7

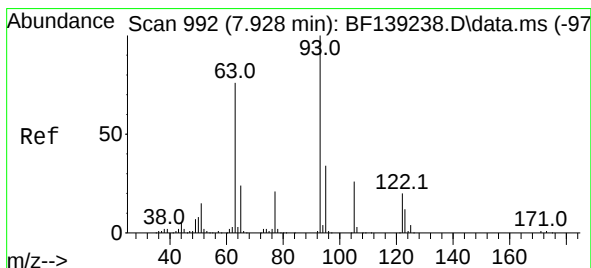
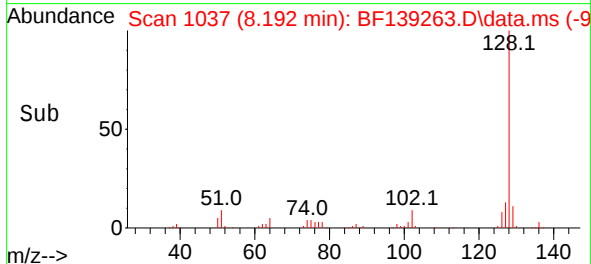
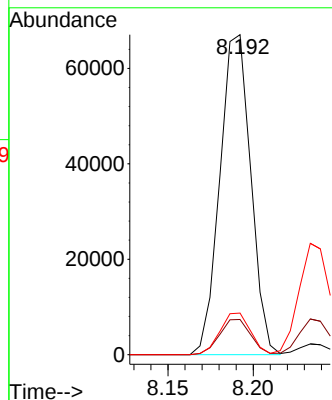
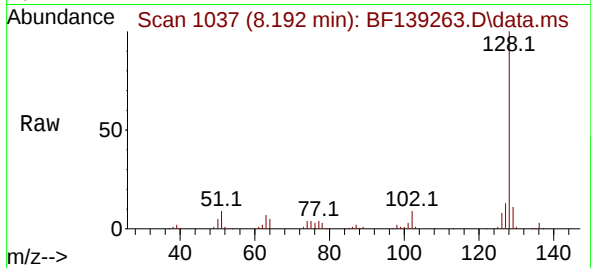




#31
Naphthalene
Concen: 4.076 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

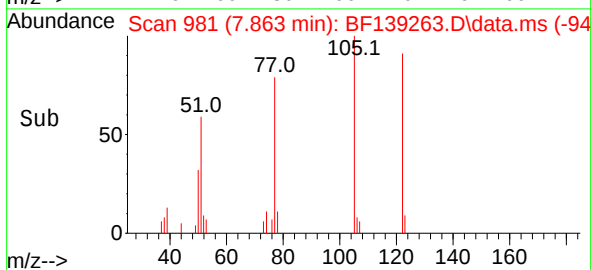
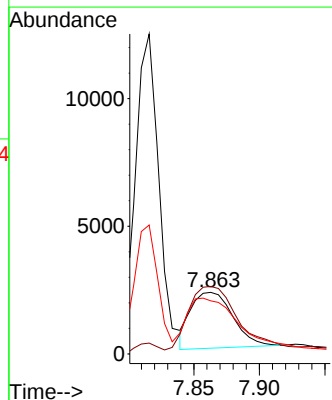
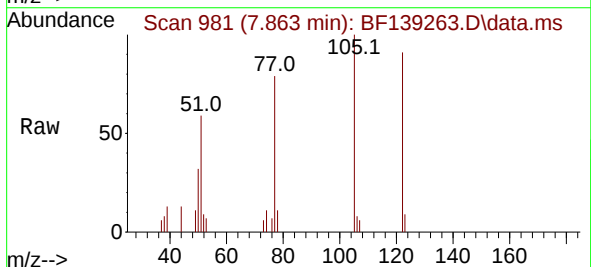
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

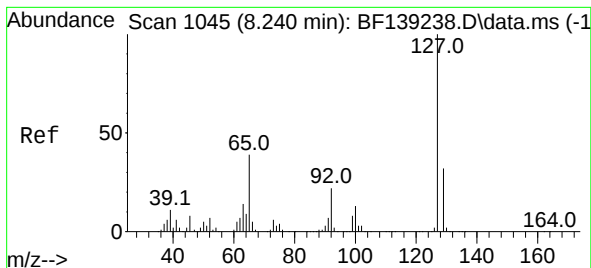
Tgt Ion:128 Resp: 84616
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 1.149 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.065 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:122 Resp: 4905
Ion Ratio Lower Upper
122 100
105 109.4 106.3 146.3
77 86.2 84.1 124.1





#33

4-Chloroaniline

Concen: 4.189 ng

RT: 8.233 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF139263.D

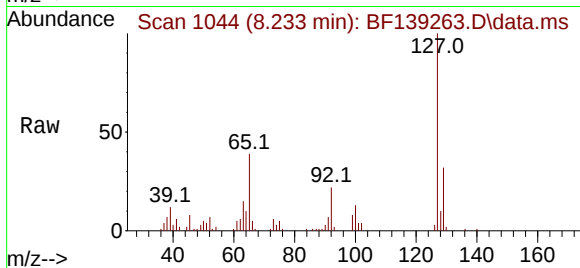
Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion:127 Resp: 30114

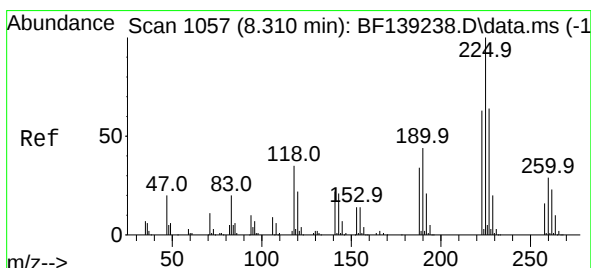
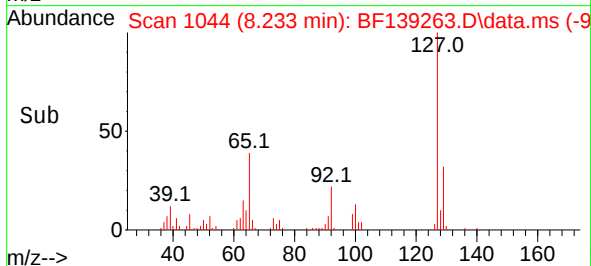
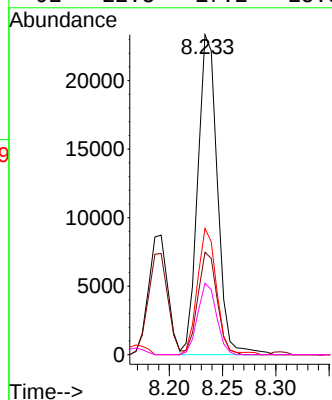
Ion Ratio Lower Upper

127 100

129 32.0 25.8 38.6

65 39.4 30.6 45.8

92 22.3 17.2 25.8



#34

Hexachlorobutadiene

Concen: 3.677 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.000 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

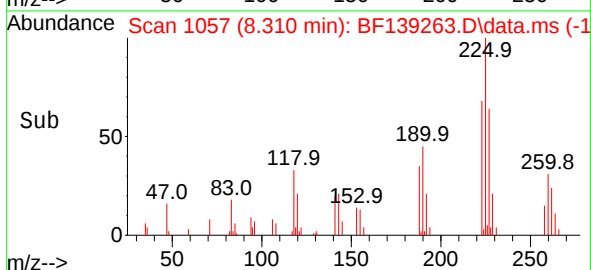
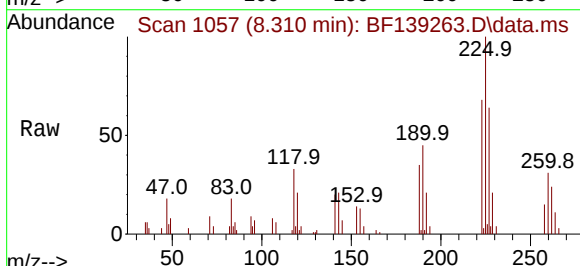
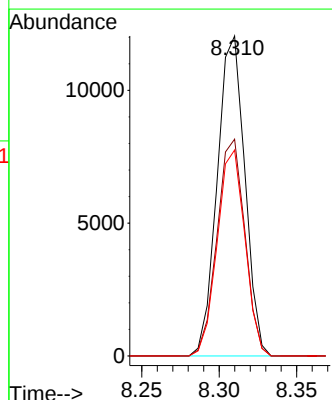
Tgt Ion:225 Resp: 14928

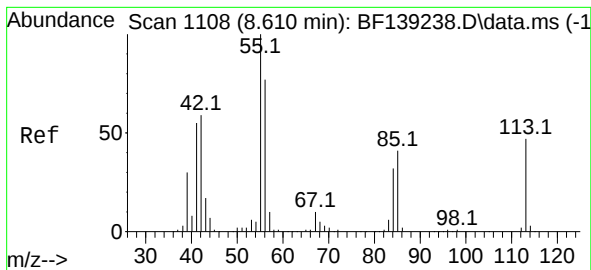
Ion Ratio Lower Upper

225 100

223 67.7 50.7 76.1

227 64.4 51.5 77.3





#35

Caprolactam

Concen: 3.408 ng

RT: 8.557 min Scan# 1108

Delta R.T. -0.053 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

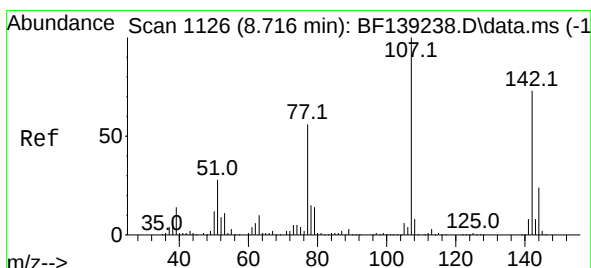
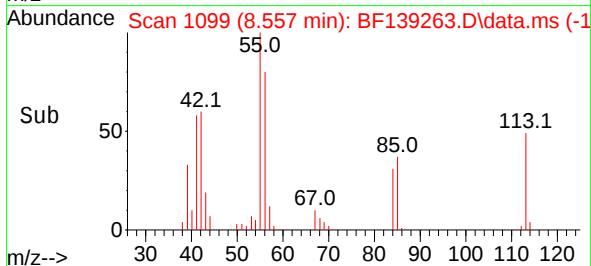
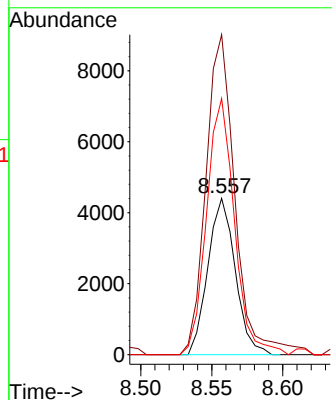
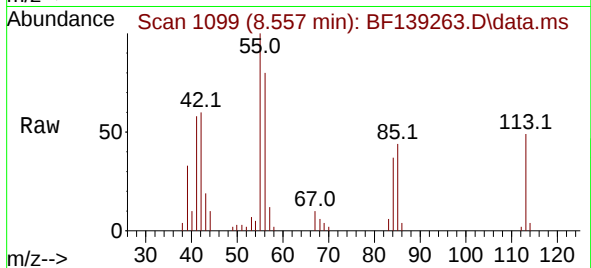
Tgt Ion:113 Resp: 5918

Ion Ratio Lower Upper

113 100

55 204.7 193.7 233.7

56 163.9 145.0 185.0



#36

4-Chloro-3-methylphenol

Concen: 3.812 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

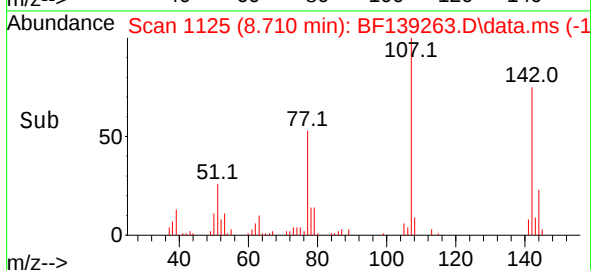
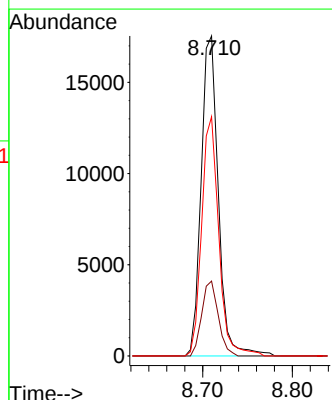
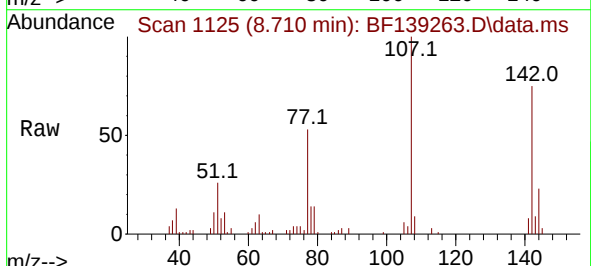
Tgt Ion:107 Resp: 23302

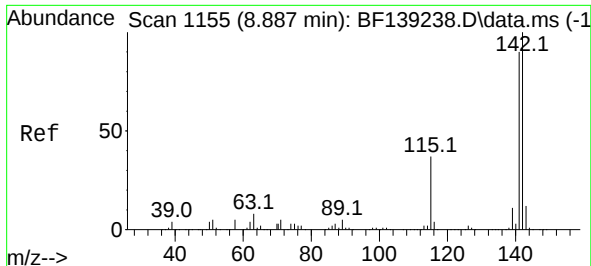
Ion Ratio Lower Upper

107 100

144 23.4 19.1 28.7

142 74.8 58.3 87.5





#37

2-Methylnaphthalene

Concen: 4.091 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

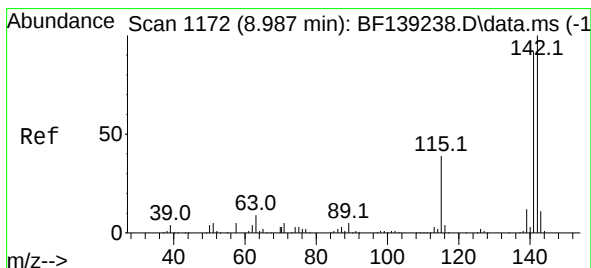
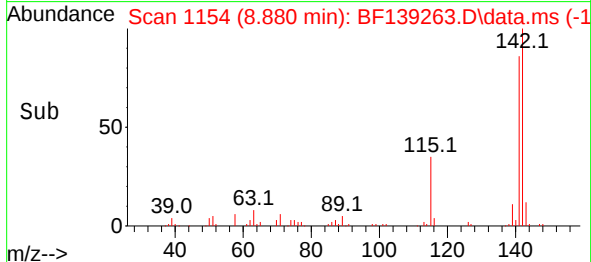
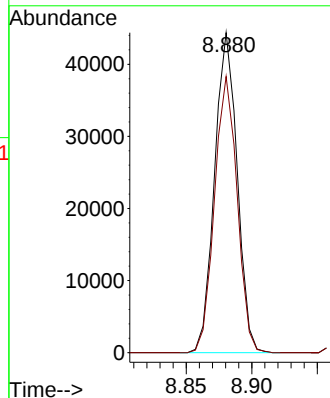
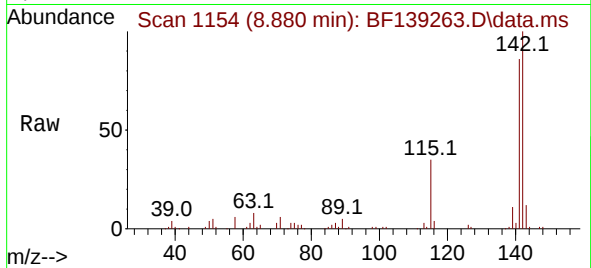
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:142 Resp: 53133

Ion Ratio Lower Upper

142 100

141 86.3 71.6 107.4



#38

1-Methylnaphthalene

Concen: 3.933 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF139263.D

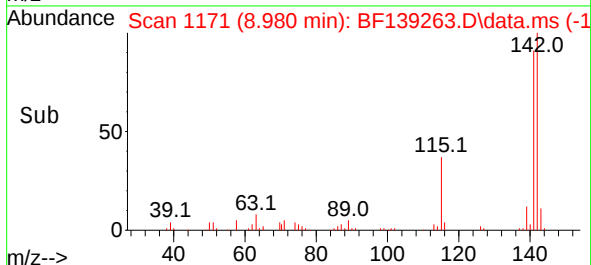
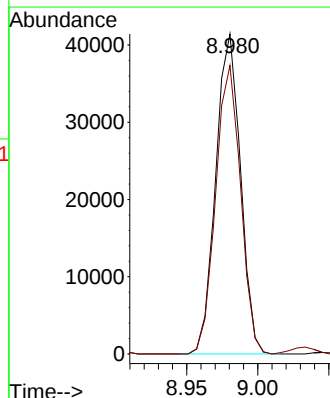
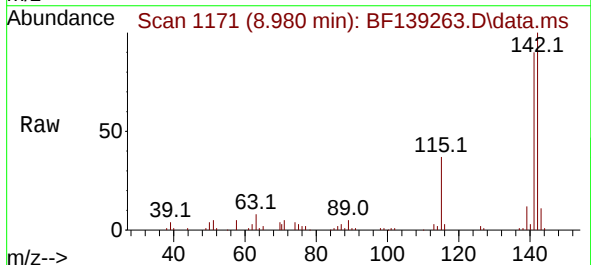
Acq: 05 Sep 2024 17:56

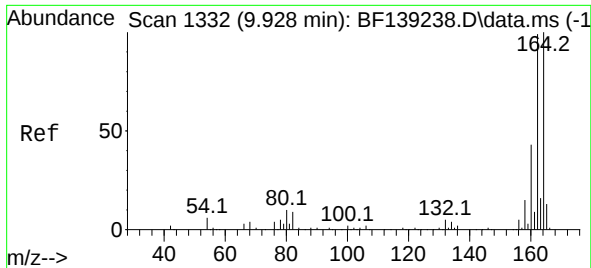
Tgt Ion:142 Resp: 50235

Ion Ratio Lower Upper

142 100

141 90.1 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

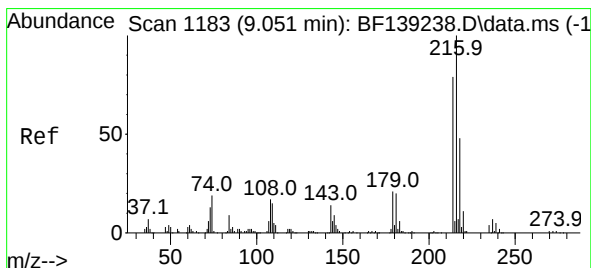
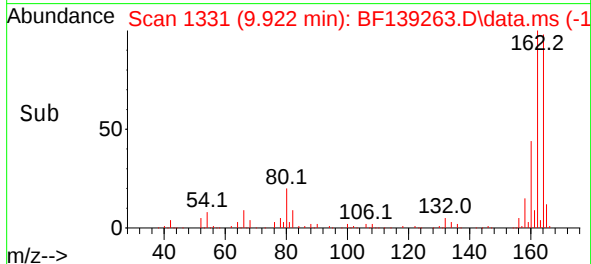
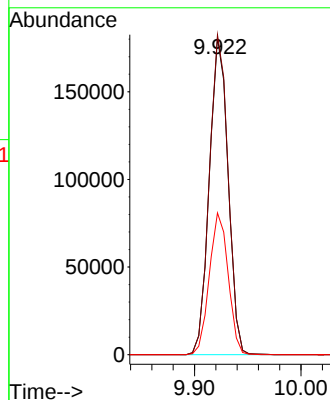
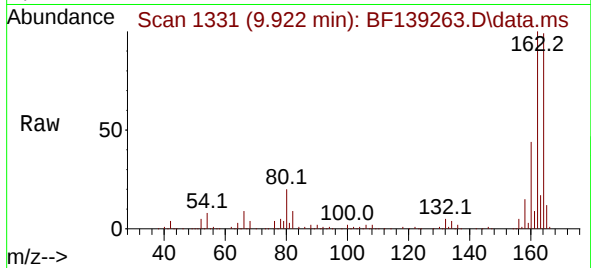
Tgt Ion:164 Resp: 221319

Ion Ratio Lower Upper

164 100

162 101.0 79.2 118.8

160 44.8 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.169 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Tgt Ion:216 Resp: 26105

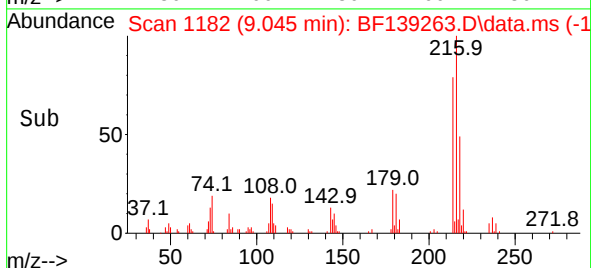
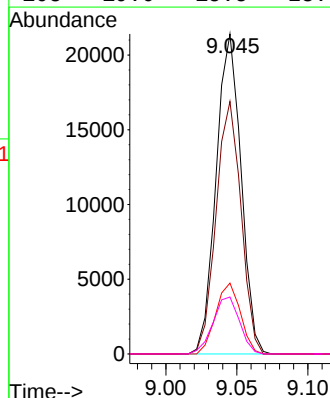
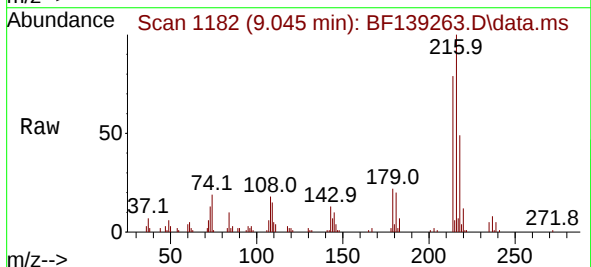
Ion Ratio Lower Upper

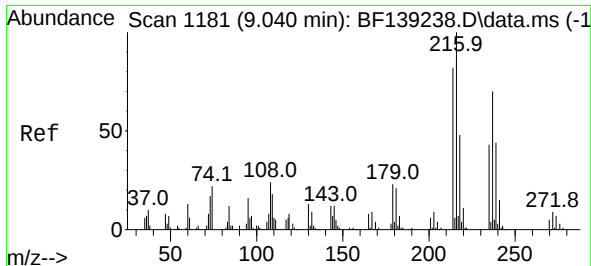
216 100

214 78.8 63.8 95.8

179 21.9 16.9 25.3

108 19.0 15.5 23.3

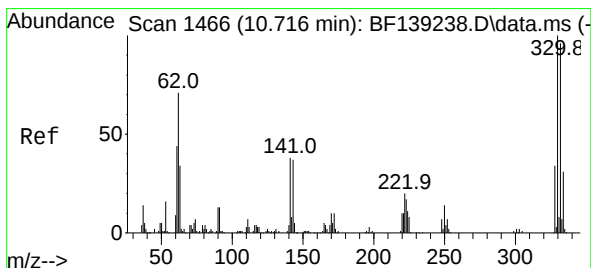
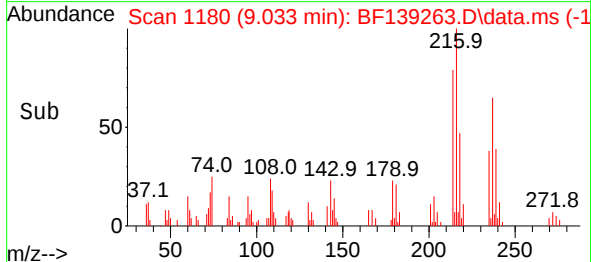
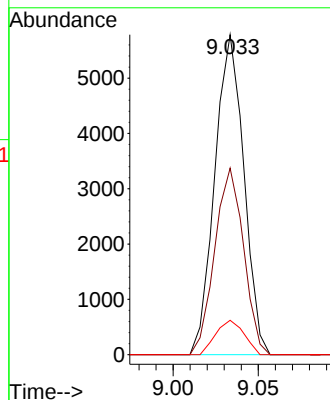
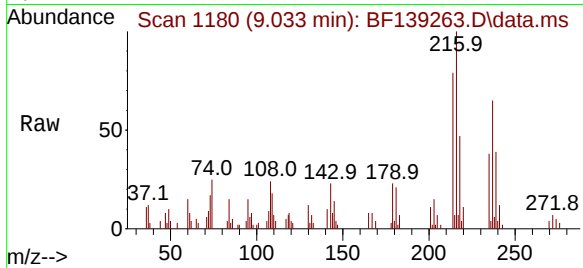




#41
Hexachlorocyclopentadiene
Concen: 3.409 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

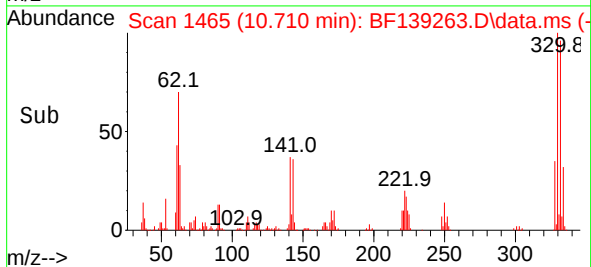
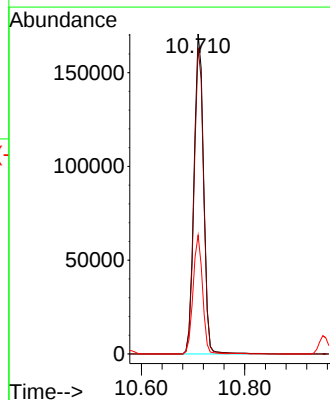
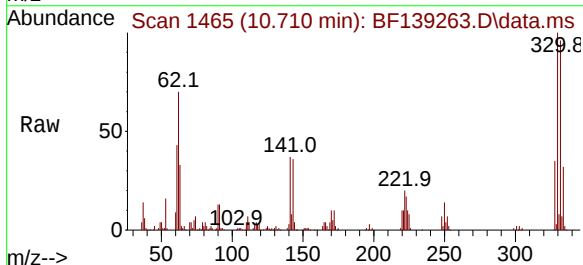
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

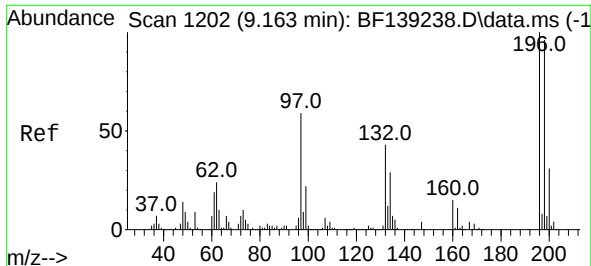
Tgt Ion:	237	Resp:	6860
Ion Ratio	Lower	Upper	
237	100		
235	58.3	41.4	81.4
272	10.7	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 115.523 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:	330	Resp:	220779
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.6	115.0
141	36.2	30.1	45.1





#43

2,4,6-Trichlorophenol

Concen: 3.750 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

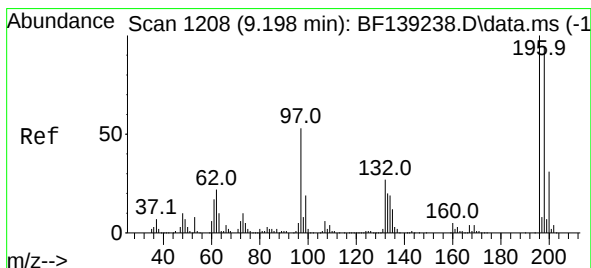
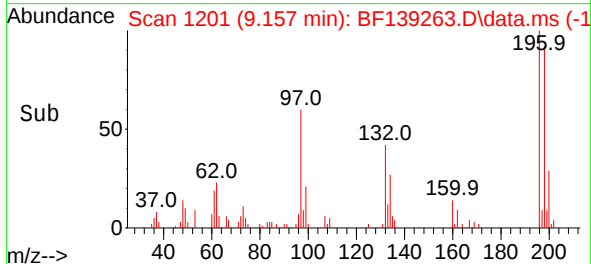
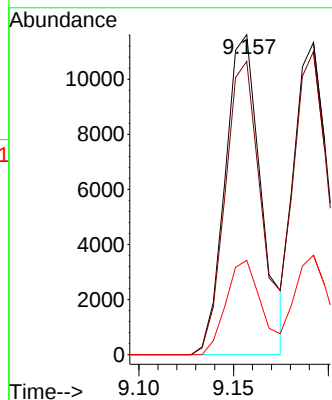
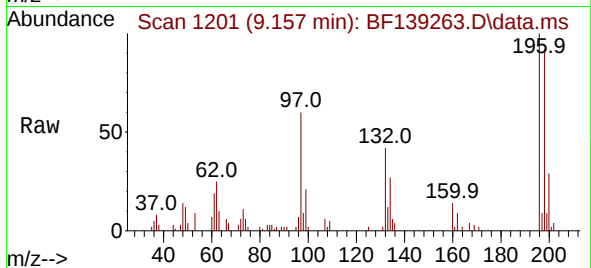
Tgt Ion:196 Resp: 15365

Ion Ratio Lower Upper

196 100

198 91.7 77.0 115.4

200 29.5 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 3.522 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Tgt Ion:196 Resp: 15121

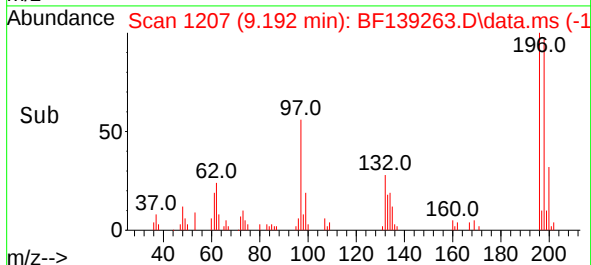
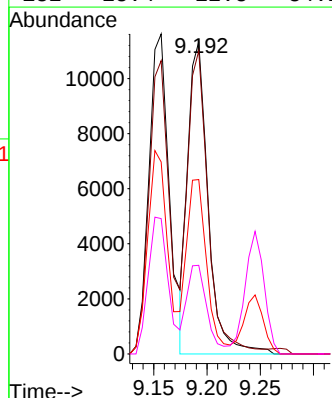
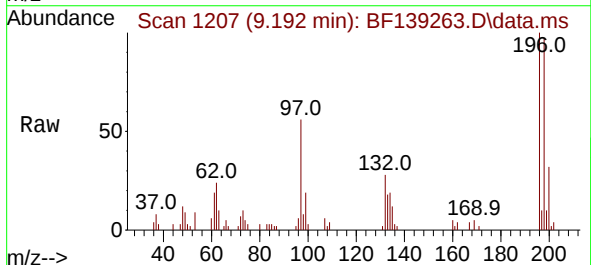
Ion Ratio Lower Upper

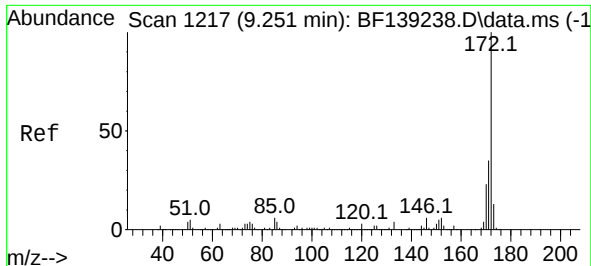
196 100

198 97.1 75.6 113.4

97 55.9 43.6 65.4

132 28.4 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 79.474 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

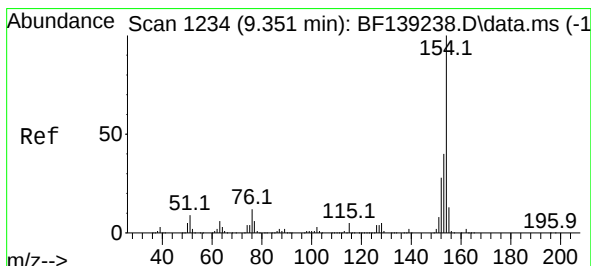
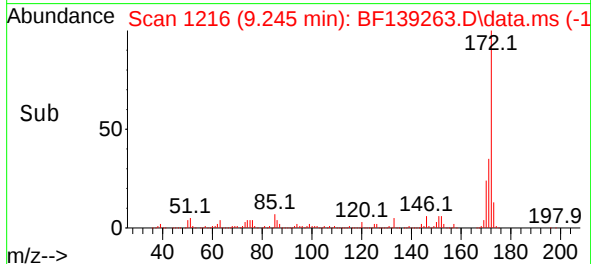
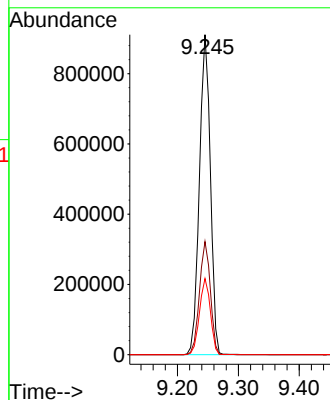
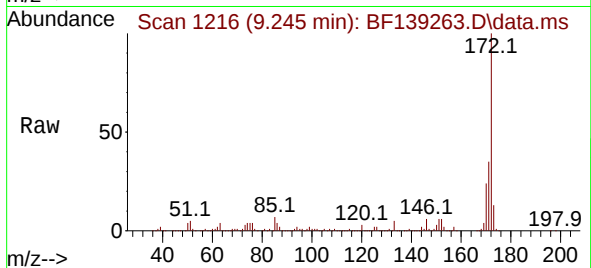
Tgt Ion:172 Resp: 1139452

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.8 18.7 28.1



#46

1,1'-Biphenyl

Concen: 4.366 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

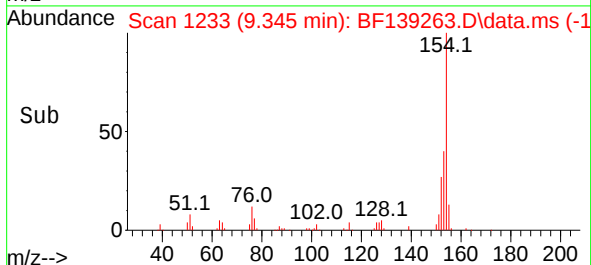
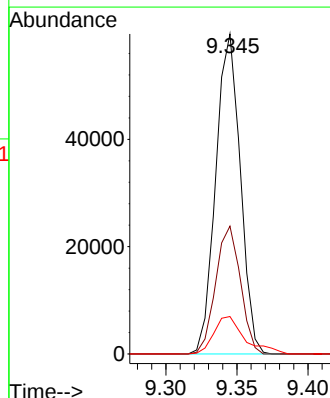
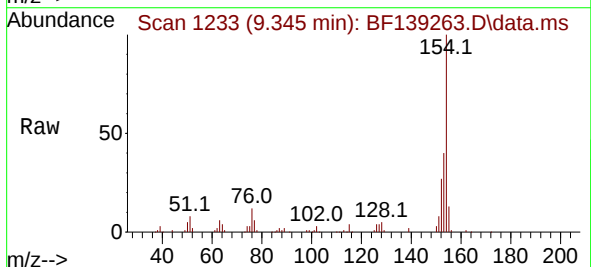
Tgt Ion:154 Resp: 71591

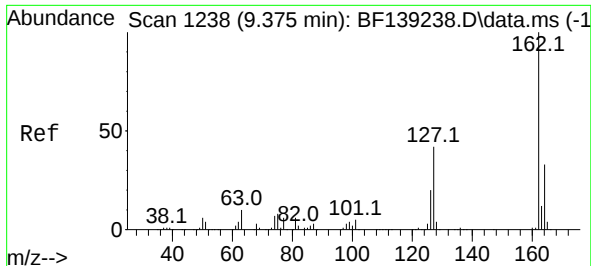
Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

76 11.7 0.0 32.3

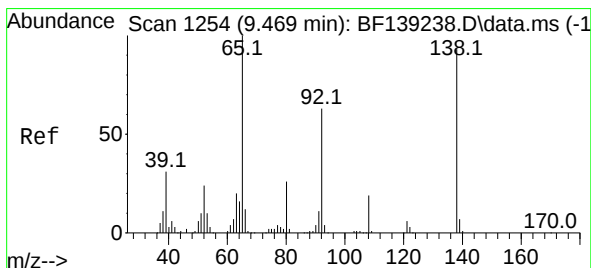
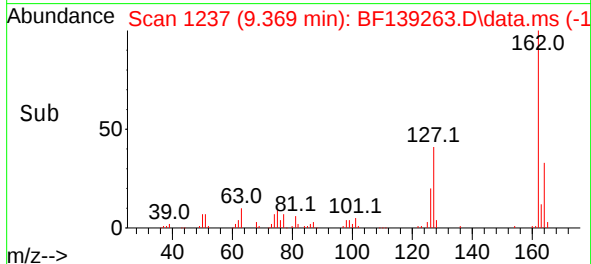
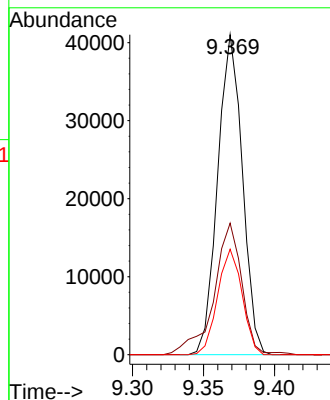
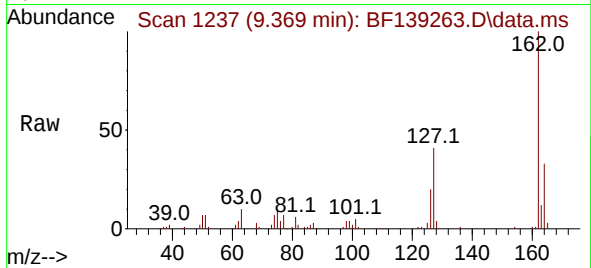




#47
2-Chloronaphthalene
Concen: 4.004 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

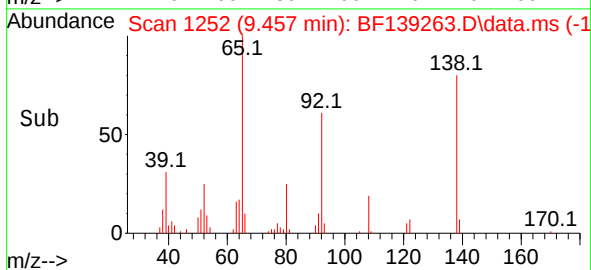
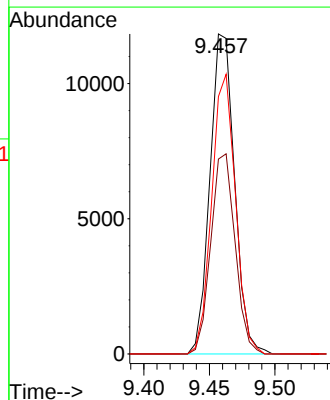
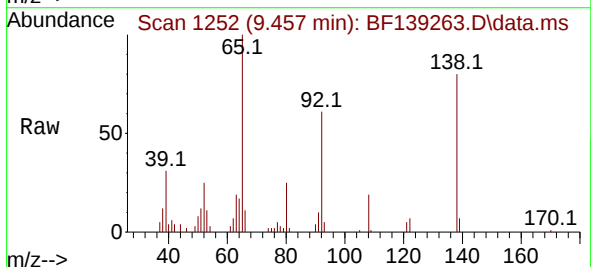
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

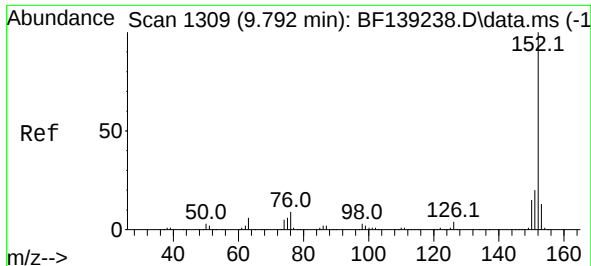
Tgt Ion:162 Resp: 49573
Ion Ratio Lower Upper
162 100
127 41.1 34.2 51.4
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 3.625 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion: 65 Resp: 15458
Ion Ratio Lower Upper
65 100
92 60.9 50.4 75.6
138 80.4 74.2 111.4





#49

Acenaphthylene

Concen: 4.335 ng

RT: 9.780 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

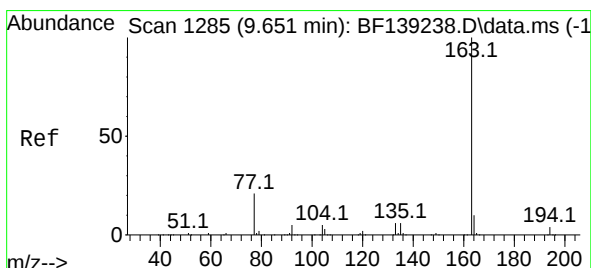
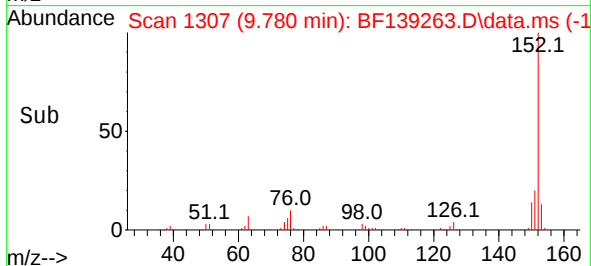
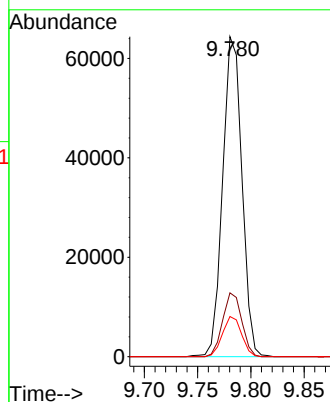
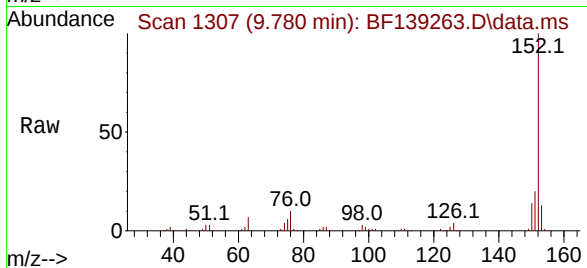
Tgt Ion:152 Resp: 80844

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 12.6 10.4 15.6



#50

Dimethylphthalate

Concen: 4.110 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

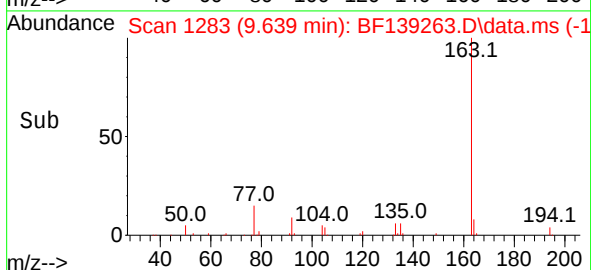
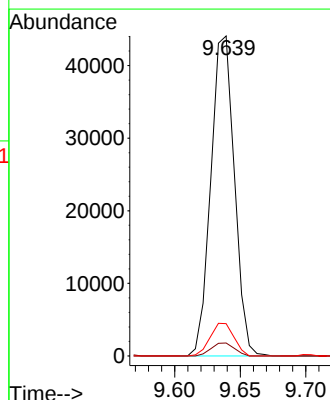
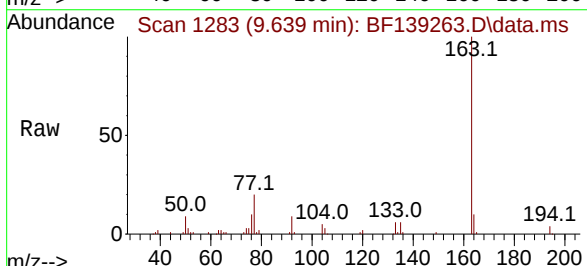
Tgt Ion:163 Resp: 55129

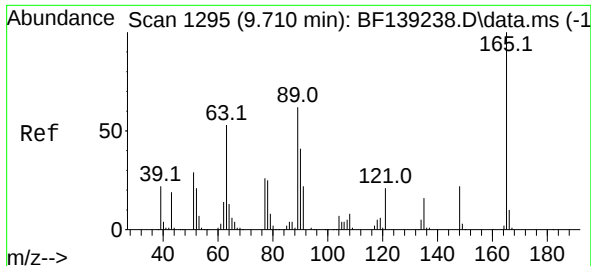
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.1 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 3.528 ng

RT: 9.698 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

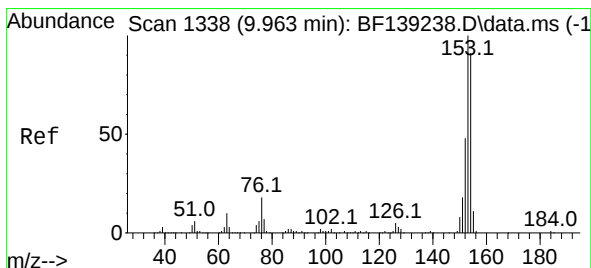
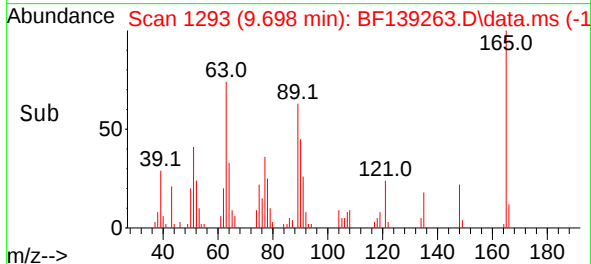
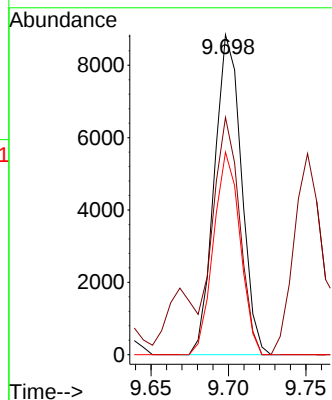
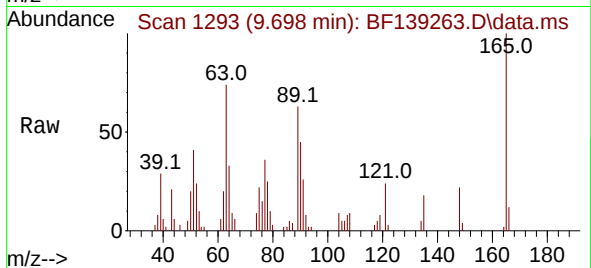
Tgt Ion:165 Resp: 10736

Ion Ratio Lower Upper

165 100

63 74.2 56.1 84.1

89 63.3 49.7 74.5



#52

Acenaphthene

Concen: 3.936 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

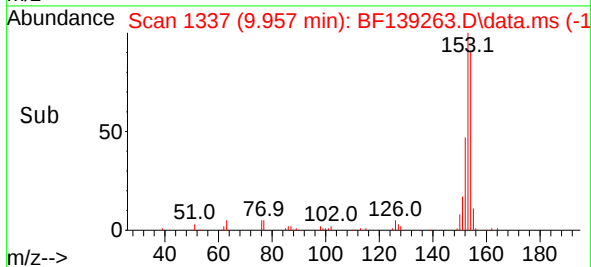
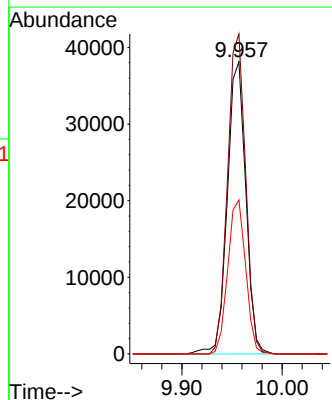
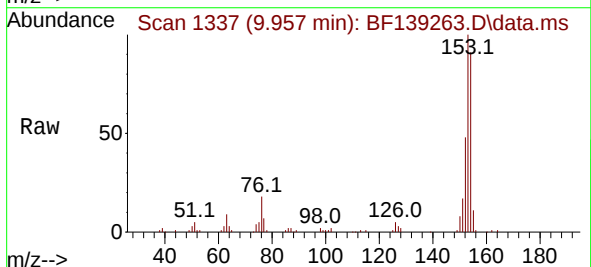
Tgt Ion:154 Resp: 48680

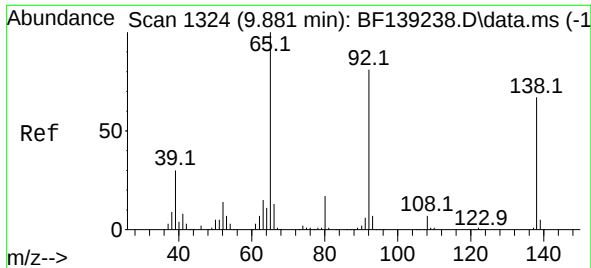
Ion Ratio Lower Upper

154 100

153 109.5 87.8 131.6

152 52.7 41.7 62.5





#53

3-Nitroaniline

Concen: 3.675 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

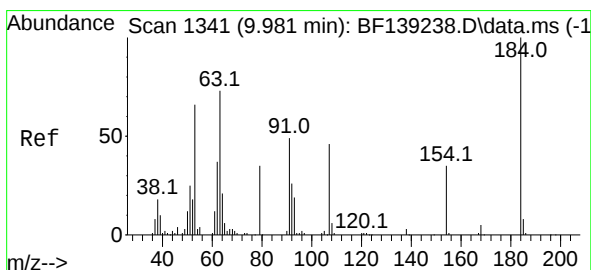
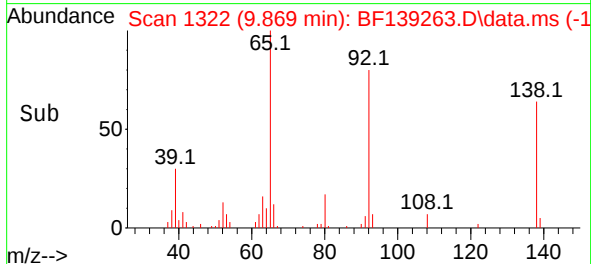
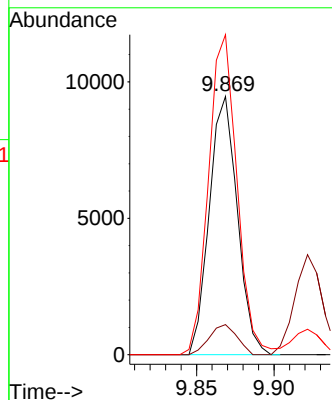
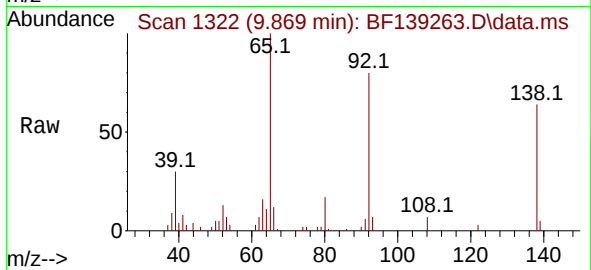
Tgt Ion:138 Resp: 11915

Ion Ratio Lower Upper

138 100

108 11.6 8.6 13.0

92 123.9 96.4 144.6



#54

2,4-Dinitrophenol

Concen: 8.173 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

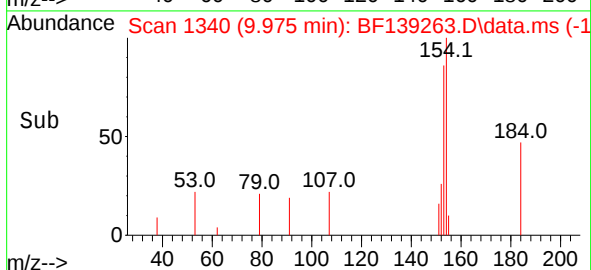
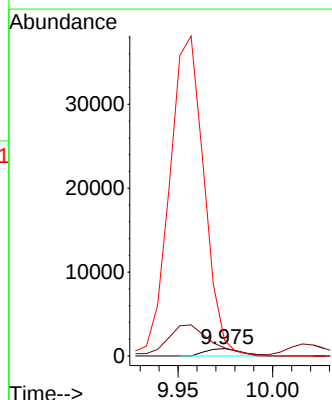
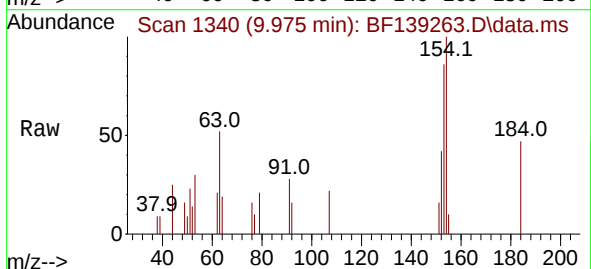
Tgt Ion:184 Resp: 1139

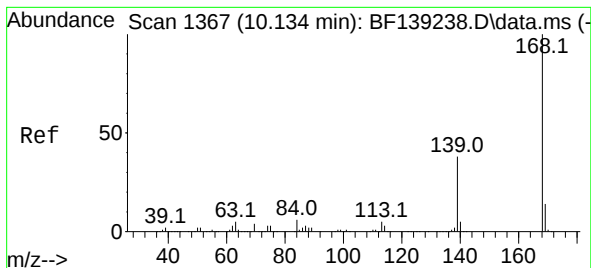
Ion Ratio Lower Upper

184 100

63 111.1 66.4 99.6#

154 214.7 97.0 145.6#





#55

Dibenzenofuran

Concen: 4.253 ng

RT: 10.127 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

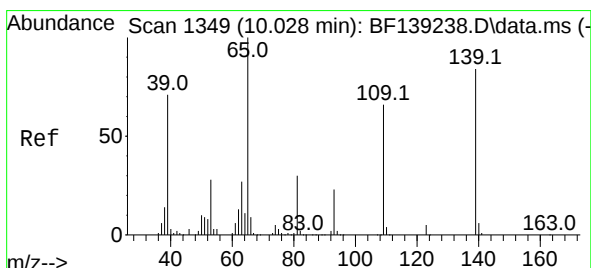
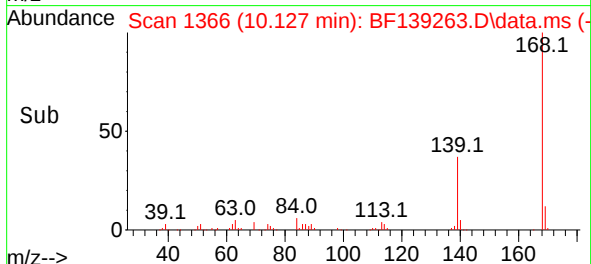
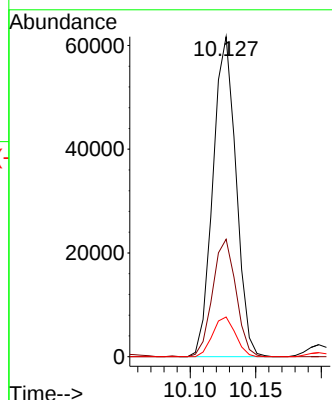
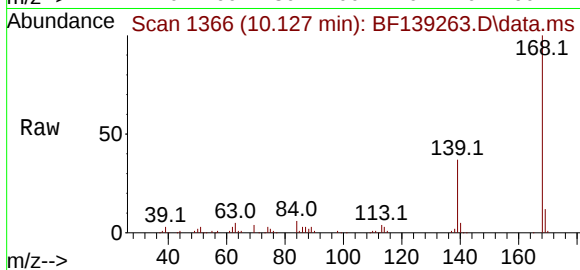
Tgt Ion:168 Resp: 75411

Ion Ratio Lower Upper

168 100

139 36.7 30.2 45.4

169 12.4 10.8 16.2



#56

4-Nitrophenol

Concen: 2.594 ng

RT: 10.022 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

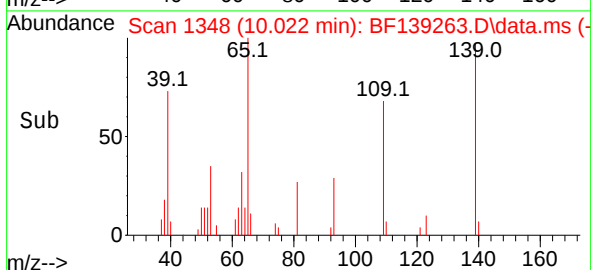
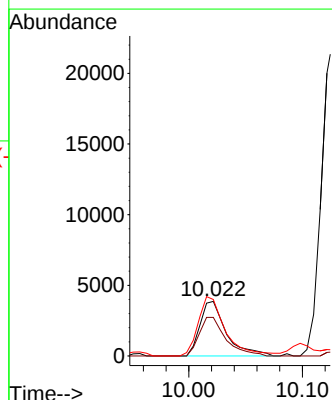
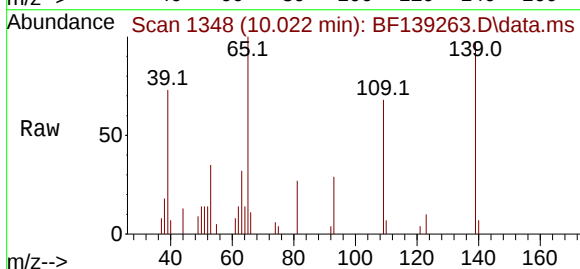
Tgt Ion:139 Resp: 6208

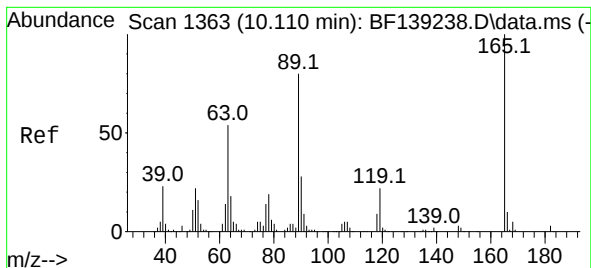
Ion Ratio Lower Upper

139 100

109 70.5 58.7 98.7

65 103.4 100.3 140.3

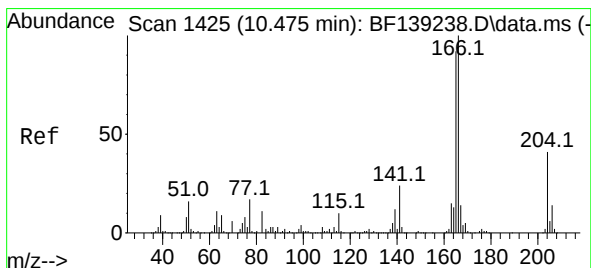
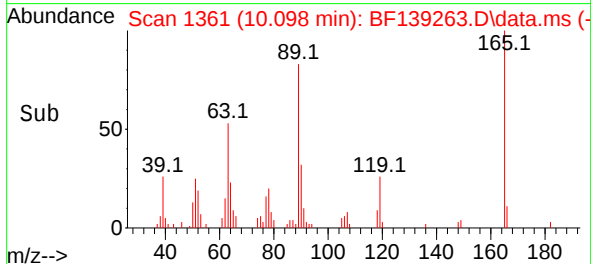
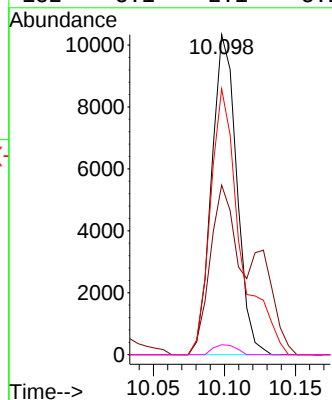
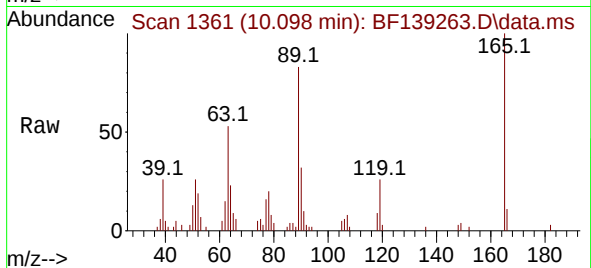




#57
2,4-Dinitrotoluene
Concen: 3.286 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

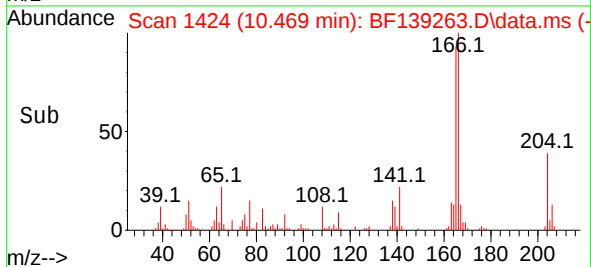
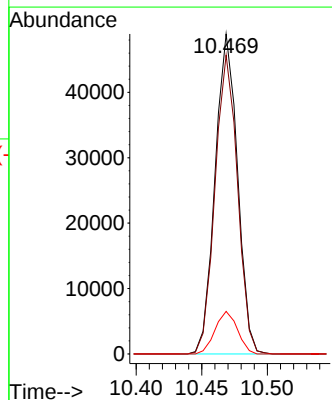
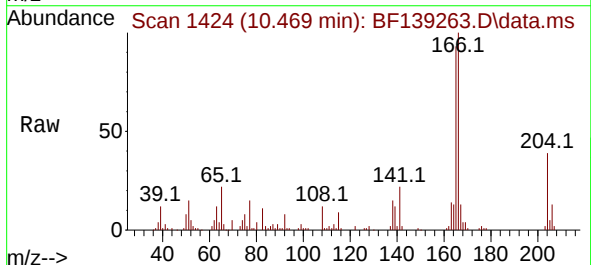
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

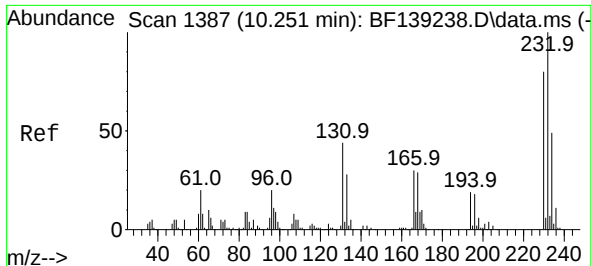
Tgt Ion:165 Resp: 12728
Ion Ratio Lower Upper
165 100
63 53.0 43.4 65.0
89 83.1 64.2 96.4
182 3.1 2.1 3.1#



#58
Fluorene
Concen: 4.233 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:166 Resp: 58199
Ion Ratio Lower Upper
166 100
165 93.4 73.7 110.5
167 13.3 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.758 ng

RT: 10.239 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF139263.D

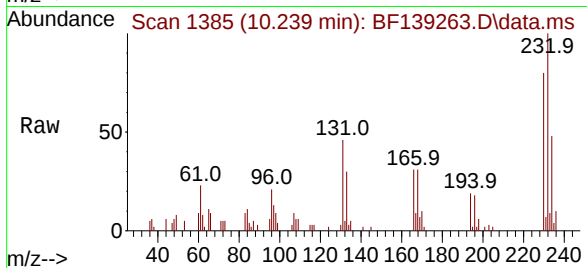
Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion:232 Resp: 12701

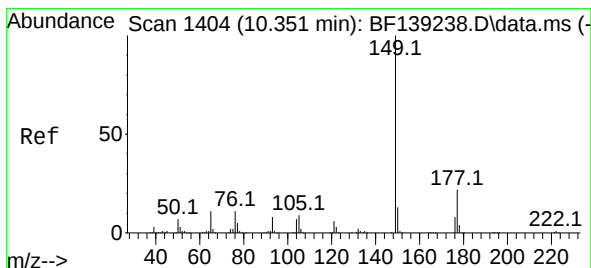
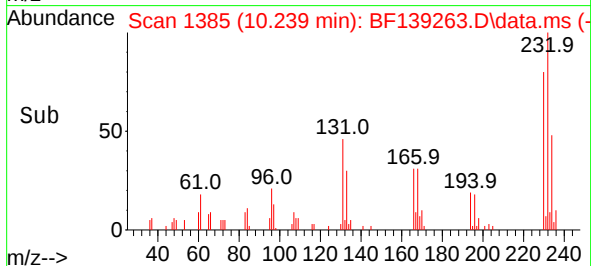
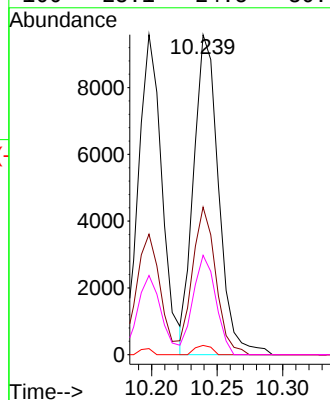
Ion Ratio Lower Upper

232 100

131 43.9 37.7 56.5

130 2.0 1.9 2.9

166 28.1 24.5 36.7



#60

Diethylphthalate

Concen: 3.975 ng

RT: 10.339 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

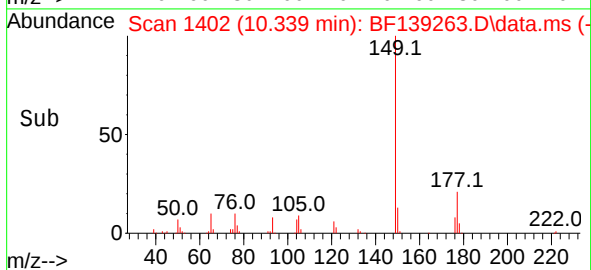
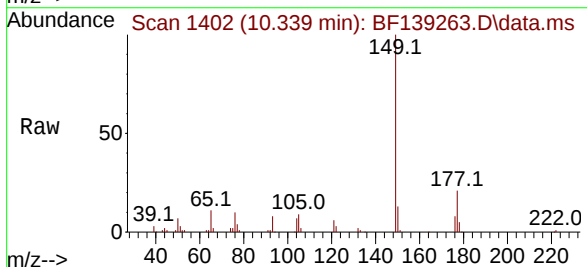
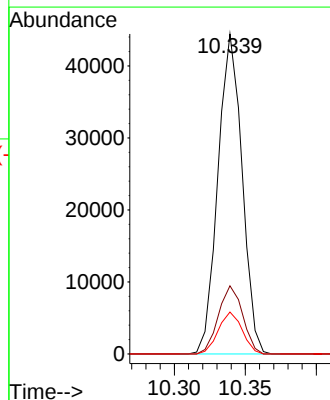
Tgt Ion:149 Resp: 52469

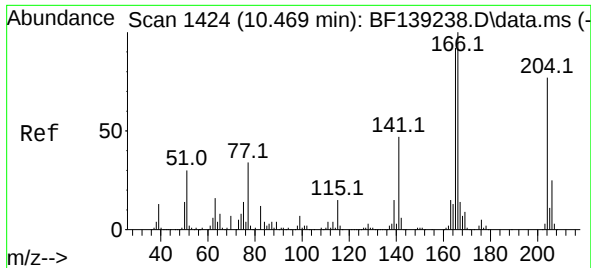
Ion Ratio Lower Upper

149 100

177 21.3 17.7 26.5

150 13.1 10.2 15.2

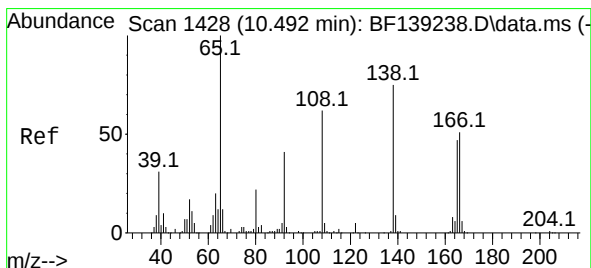
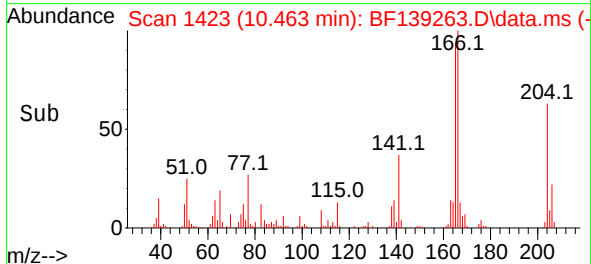
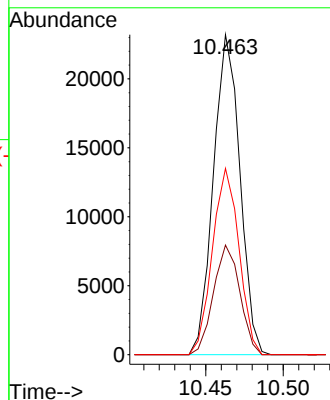
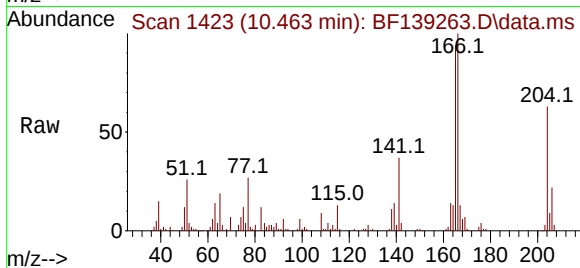




#61
4-Chlorophenyl-phenylether
Concen: 4.159 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

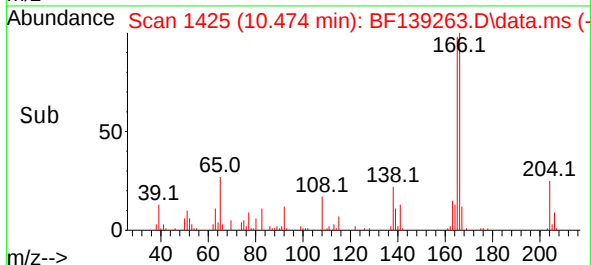
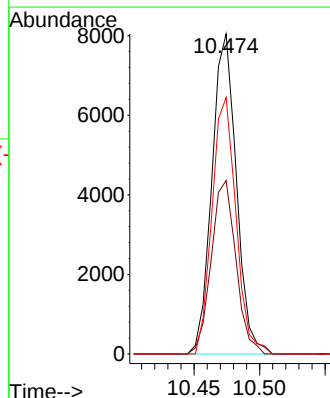
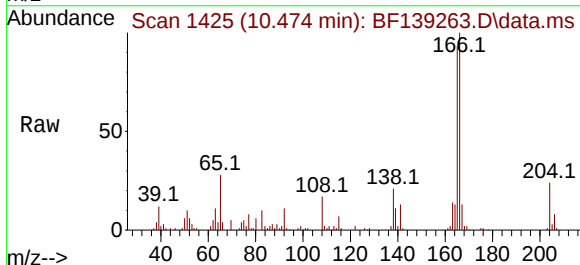
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

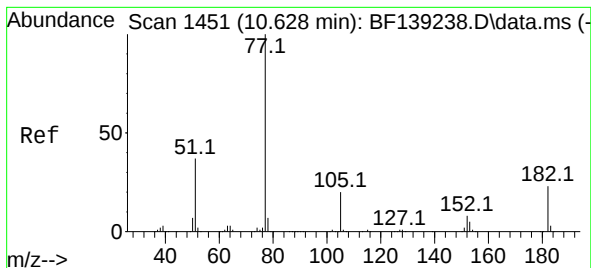
Tgt Ion:204 Resp: 27575
Ion Ratio Lower Upper
204 100
206 34.3 25.8 38.8
141 58.2 48.6 72.8



#62
4-Nitroaniline
Concen: 3.375 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:138 Resp: 10416
Ion Ratio Lower Upper
138 100
92 54.2 34.4 74.4
108 80.2 62.7 102.7





#63

Azobenzene

Concen: 3.981 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 77 Resp: 55382

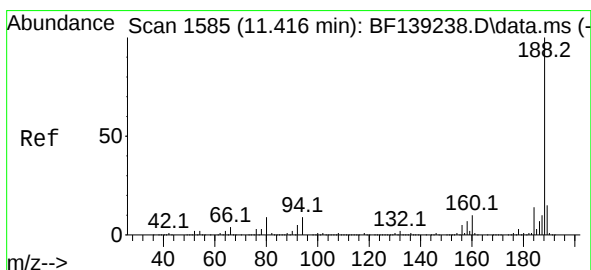
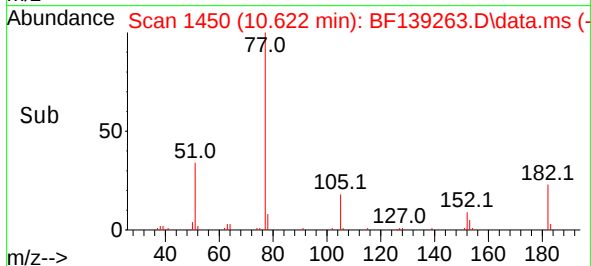
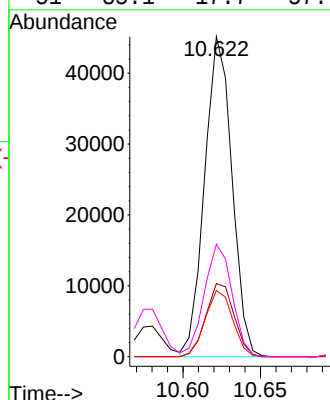
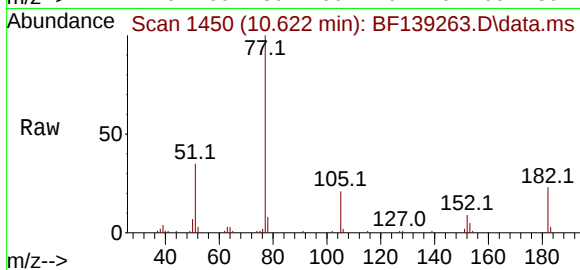
Ion Ratio Lower Upper

77 100

182 22.8 3.0 43.0

105 20.7 0.0 39.4

51 35.1 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

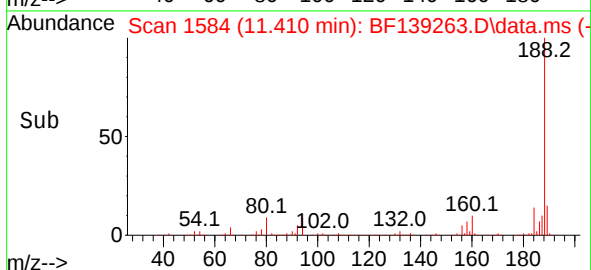
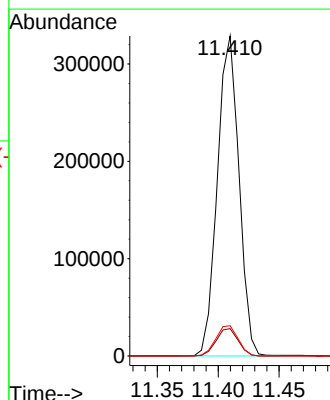
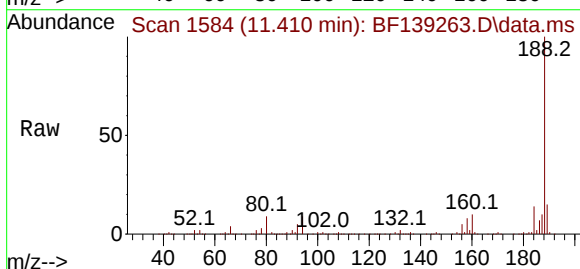
Tgt Ion: 188 Resp: 406540

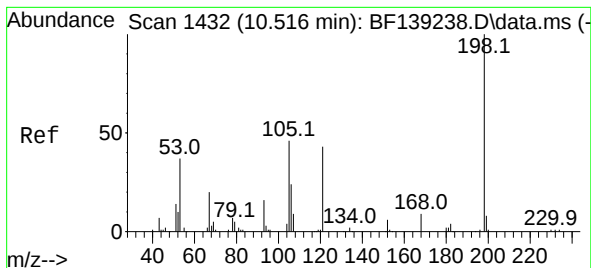
Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 9.5 7.3 10.9

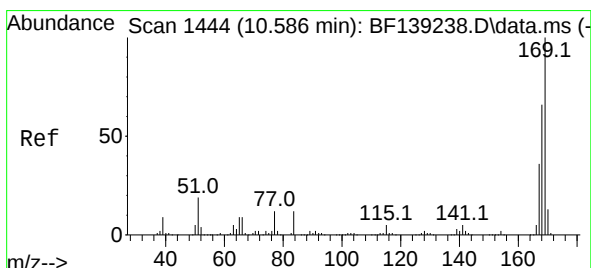
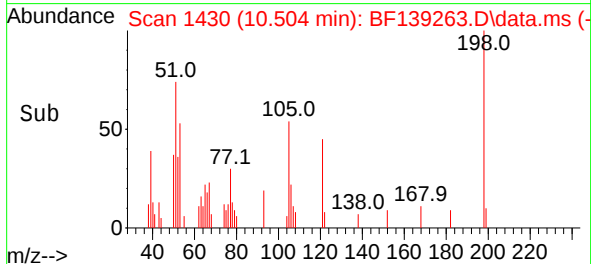
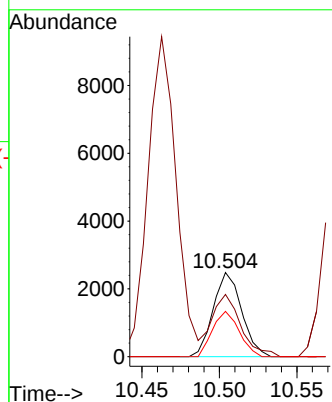
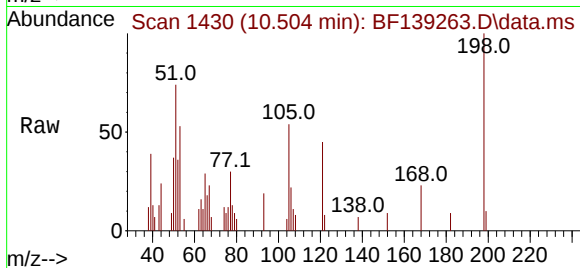




#65
4,6-Dinitro-2-methylphenol
Concen: 1.686 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

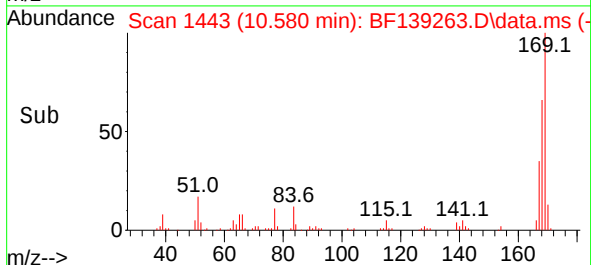
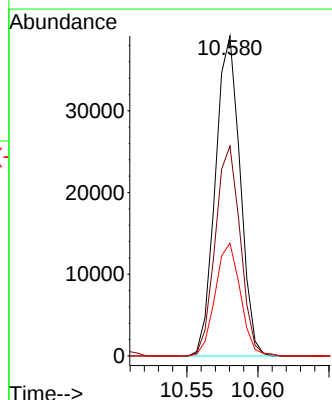
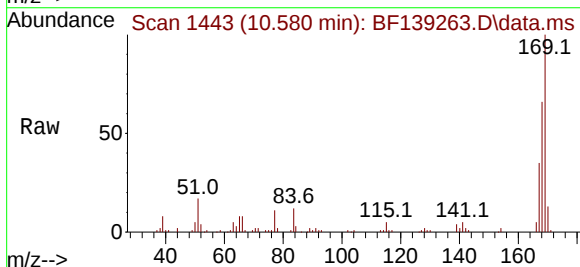
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

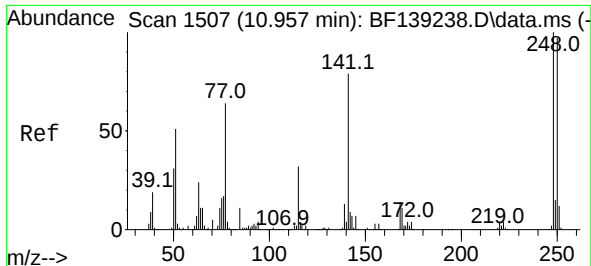
Tgt Ion:198 Resp: 3167
Ion Ratio Lower Upper
198 100
51 74.0 47.2 87.2
105 53.8 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 4.002 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:169 Resp: 47361
Ion Ratio Lower Upper
169 100
168 65.6 53.0 79.6
167 35.3 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 3.932 ng

RT: 10.951 min Scan# 1506

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

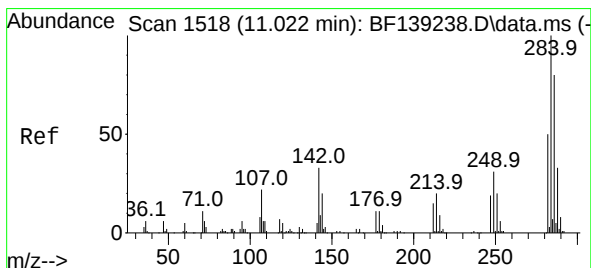
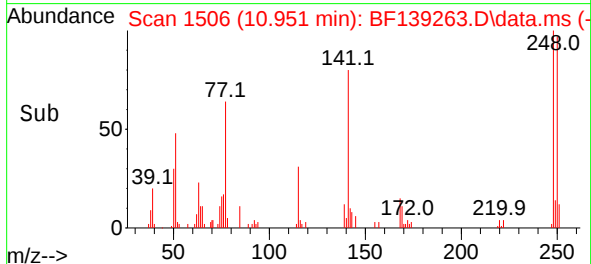
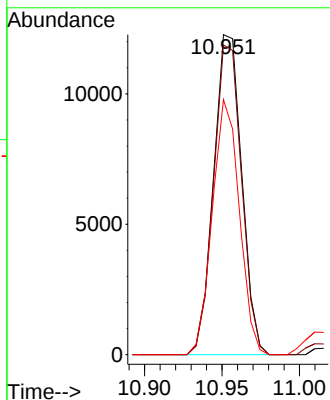
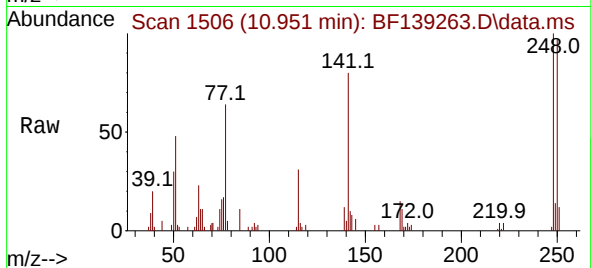
Tgt Ion:248 Resp: 15511

Ion Ratio Lower Upper

248 100

250 96.8 77.2 115.8

141 79.7 63.6 95.4



#68

Hexachlorobenzene

Concen: 3.808 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

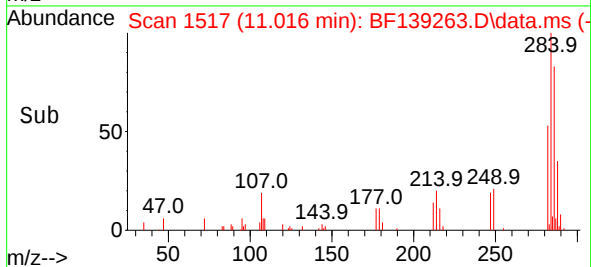
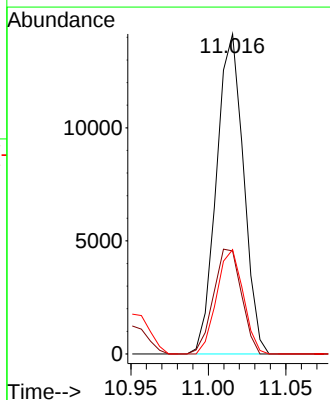
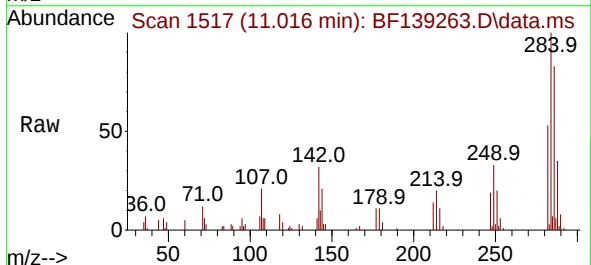
Tgt Ion:284 Resp: 17194

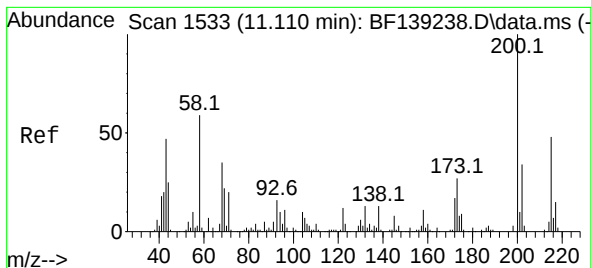
Ion Ratio Lower Upper

284 100

142 32.2 26.5 39.7

249 32.6 24.8 37.2





#69

Atrazine

Concen: 4.914 ng

RT: 11.098 min Scan# 1533

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

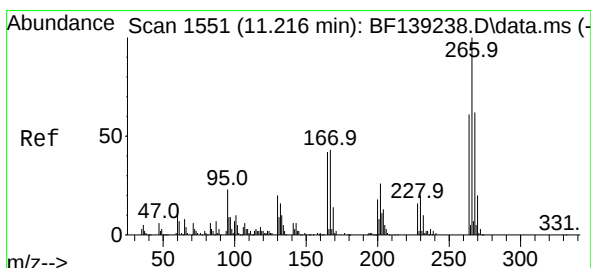
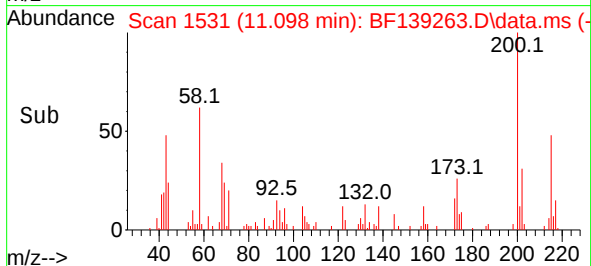
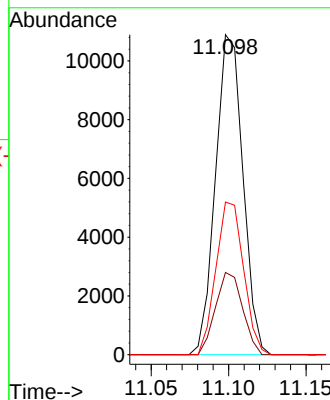
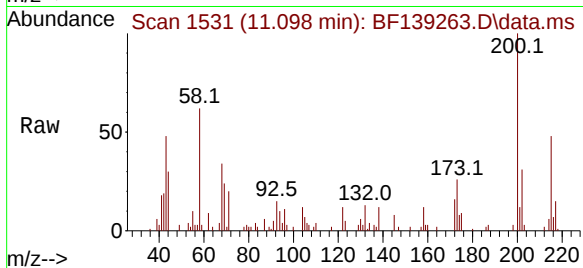
Tgt Ion:200 Resp: 13417

Ion Ratio Lower Upper

200 100

173 25.7 7.1 47.1

215 47.7 28.5 68.5



#70

Pentachlorophenol

Concen: 2.252 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

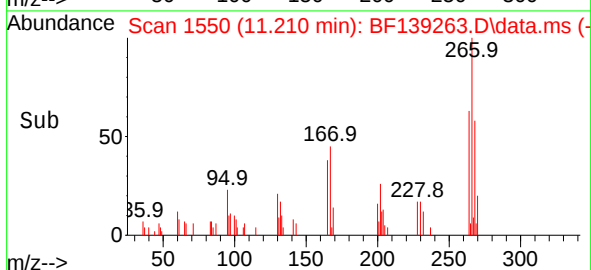
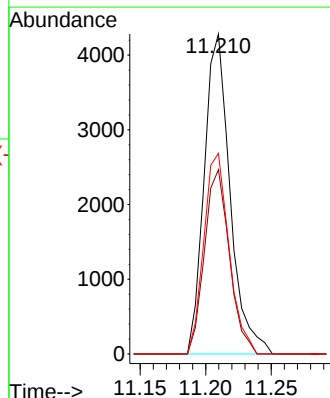
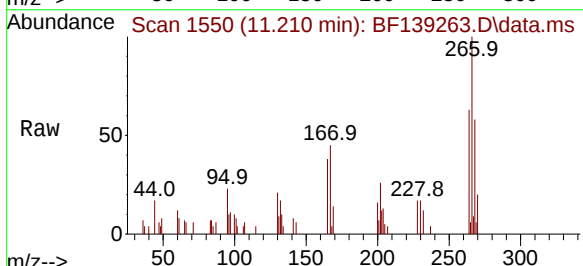
Tgt Ion:266 Resp: 5874

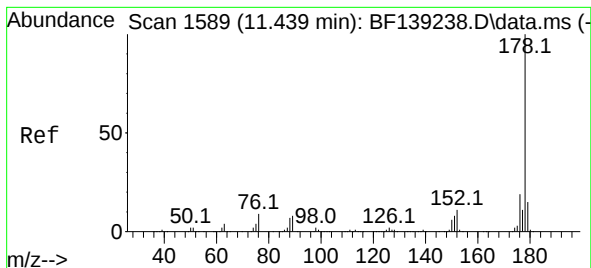
Ion Ratio Lower Upper

266 100

268 57.6 49.7 74.5

264 62.7 49.2 73.8





#71

Phenanthrene

Concen: 4.235 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

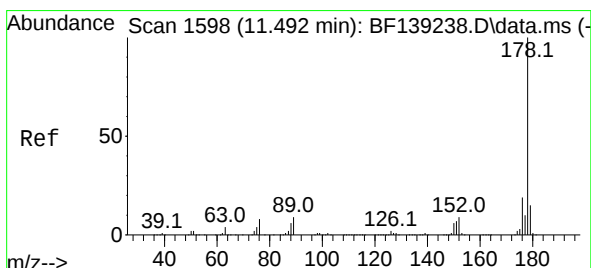
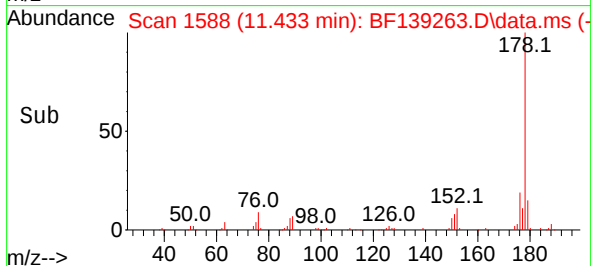
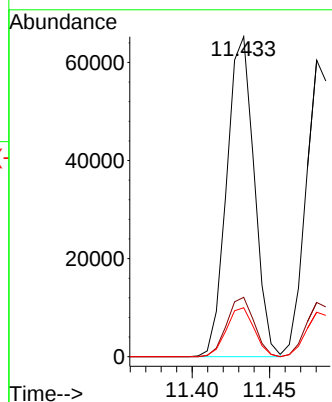
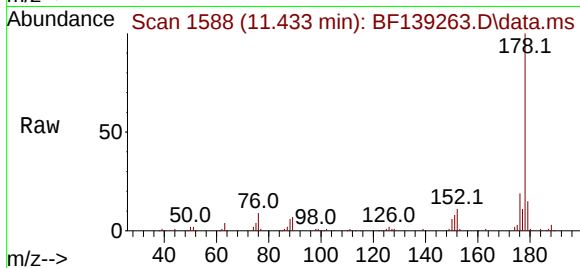
Tgt Ion:178 Resp: 80437

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

179 15.3 12.3 18.5



#72

Anthracene

Concen: 4.119 ng

RT: 11.480 min Scan# 1596

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

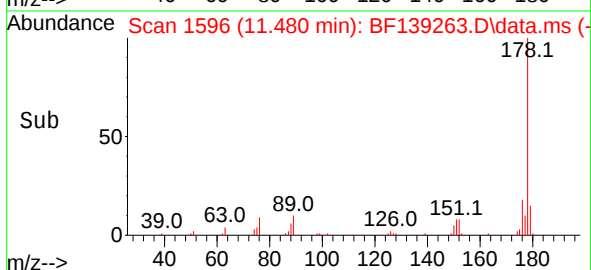
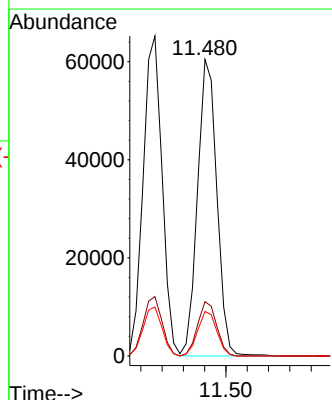
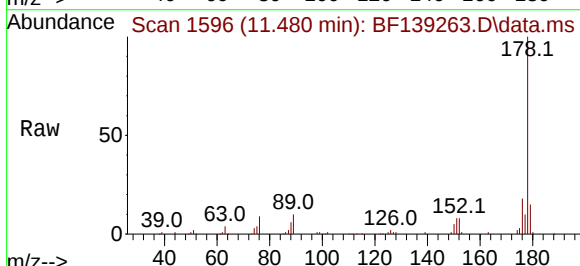
Tgt Ion:178 Resp: 76423

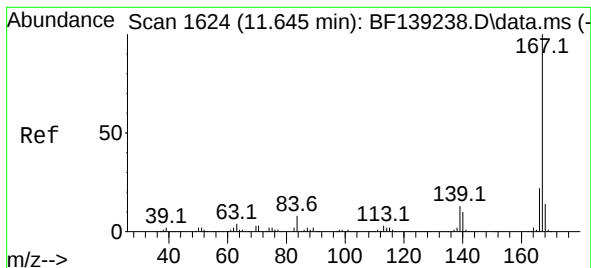
Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

179 15.0 12.3 18.5





#73

Carbazole

Concen: 3.865 ng

RT: 11.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139263.D

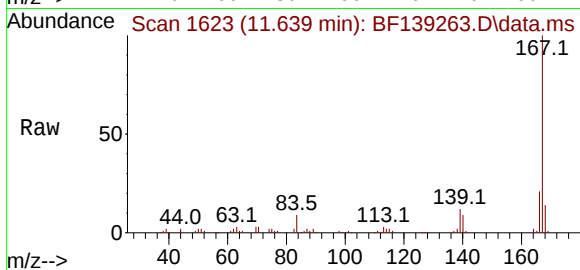
Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



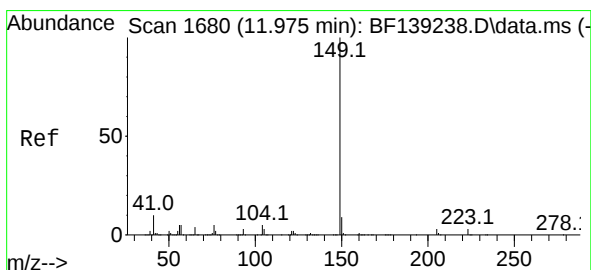
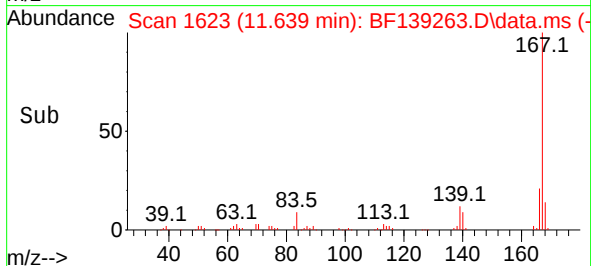
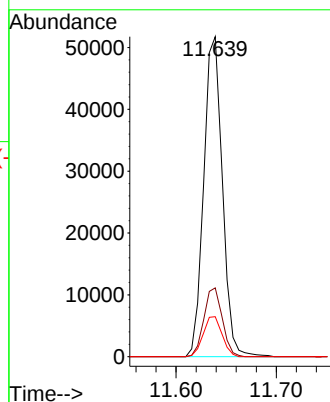
Tgt Ion:167 Resp: 67016

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 12.5 10.2 15.4



#74

Di-n-butylphthalate

Concen: 3.681 ng

RT: 11.969 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

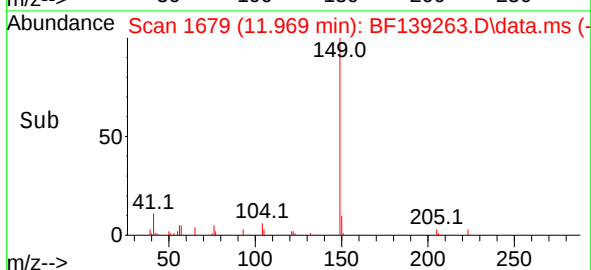
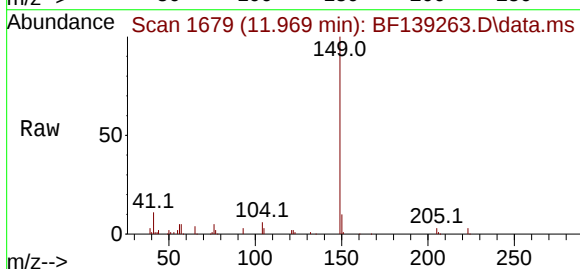
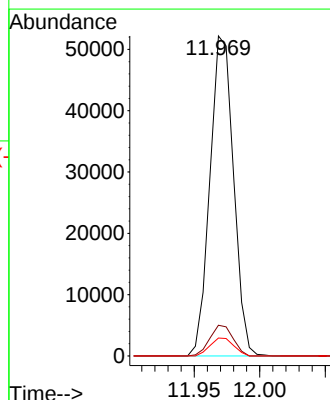
Tgt Ion:149 Resp: 65357

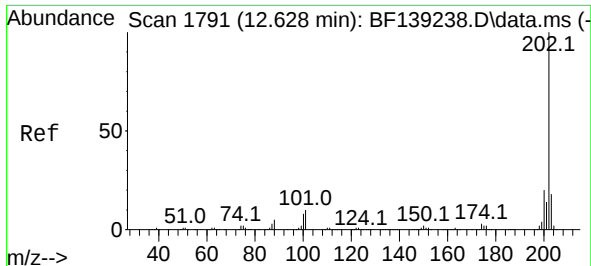
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.6 3.9 5.9

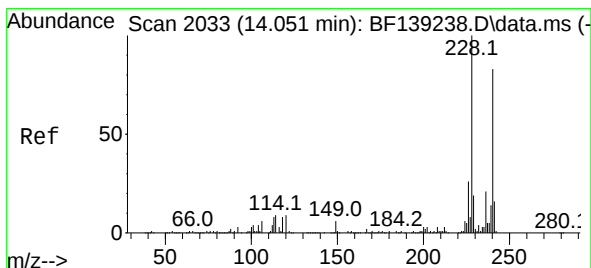
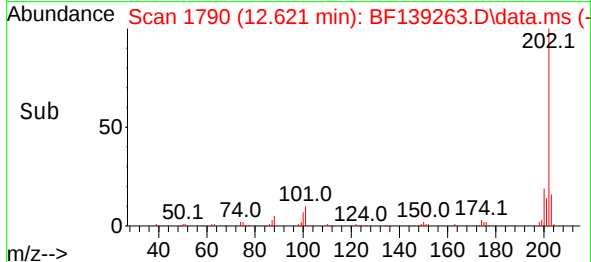
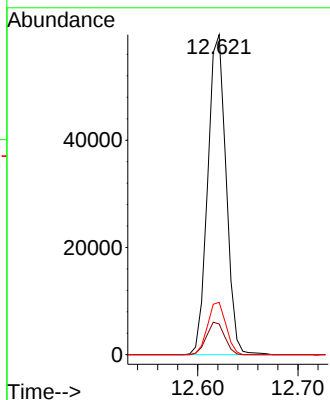
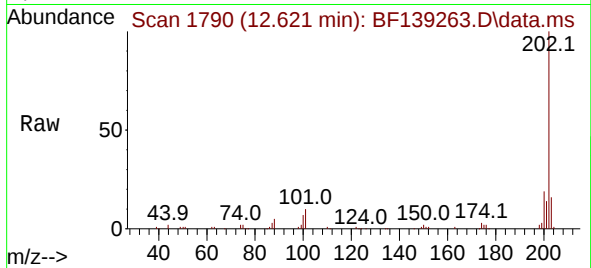




#75
Fluoranthene
Concen: 3.985 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

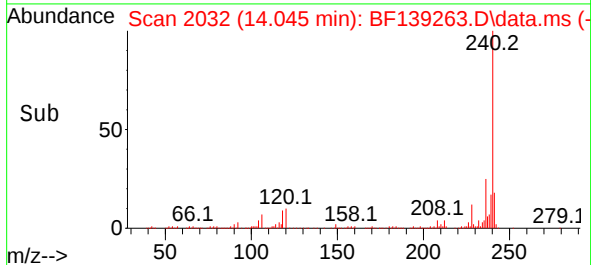
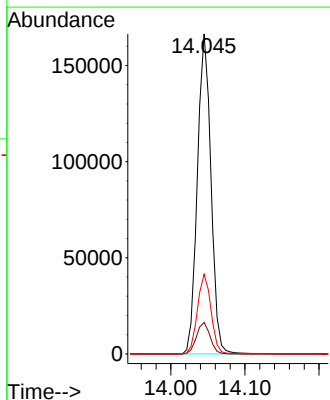
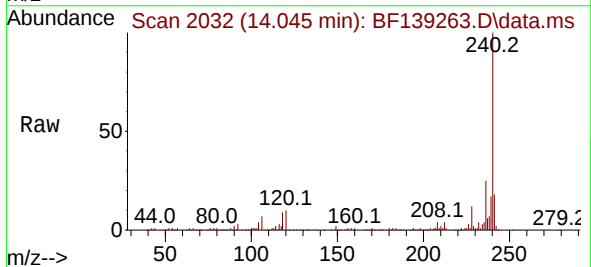
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

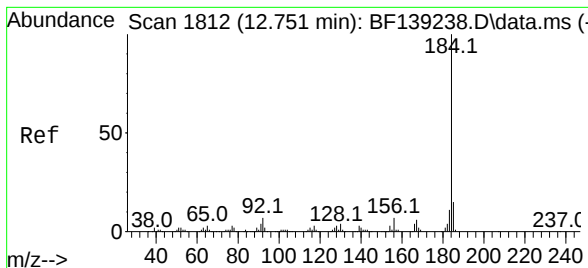
Tgt Ion:	202	Resp:	75876
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.9
203	16.4	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139263.D
Acq: 05 Sep 2024 17:56

Tgt Ion:	240	Resp:	211823
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.6	12.8
236	24.9	20.7	31.1





#77

Benzidine

Concen: 4.166 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

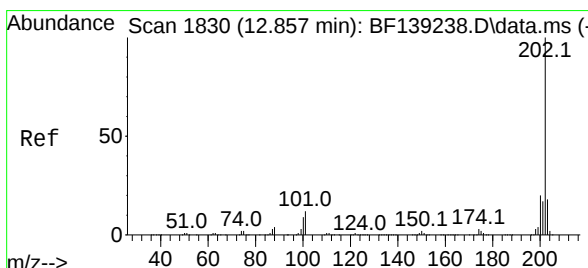
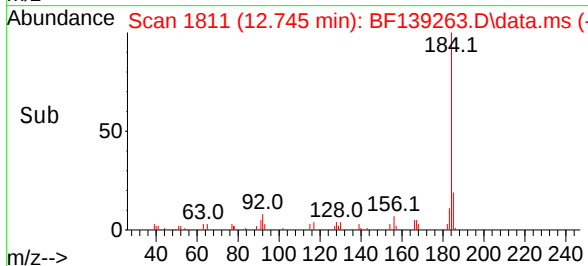
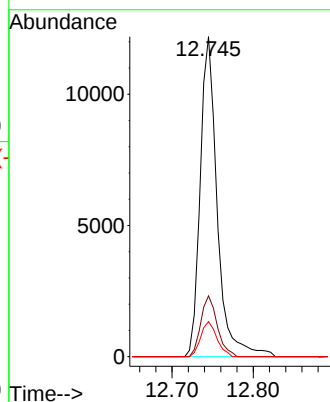
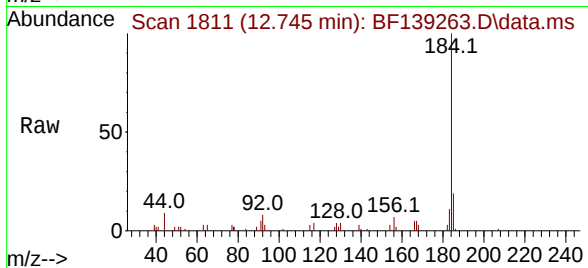
Tgt Ion:184 Resp: 17768

Ion Ratio Lower Upper

184 100

185 19.0 11.9 17.9#

183 10.9 8.8 13.2



#78

Pyrene

Concen: 3.921 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

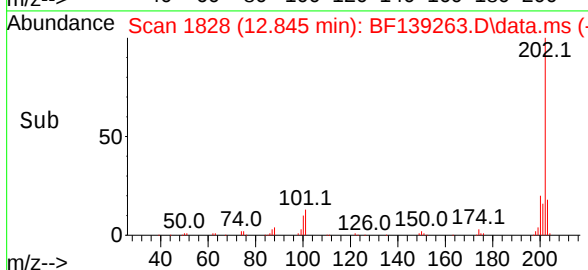
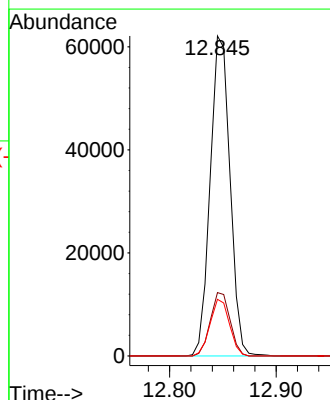
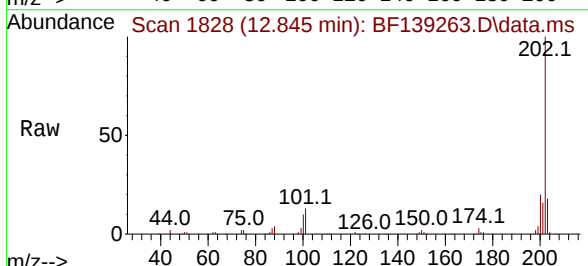
Tgt Ion:202 Resp: 80227

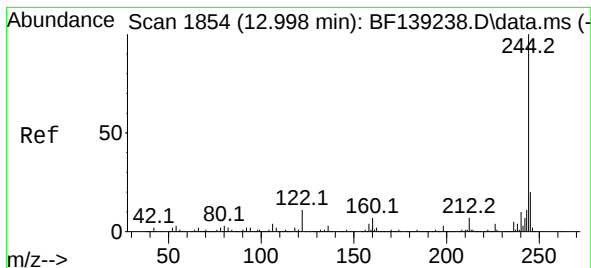
Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.8

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 73.157 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

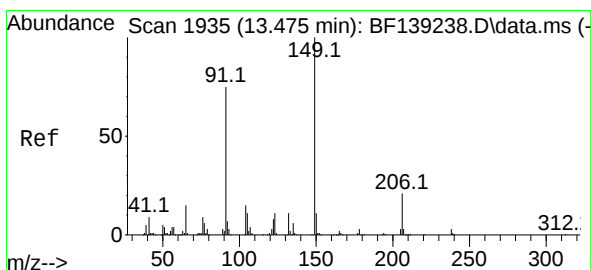
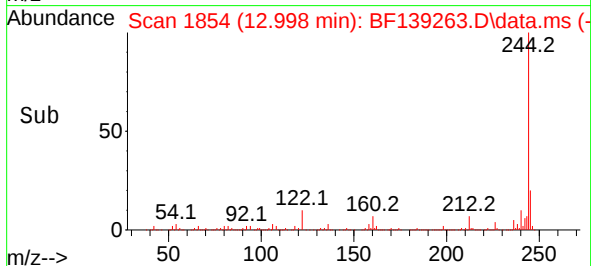
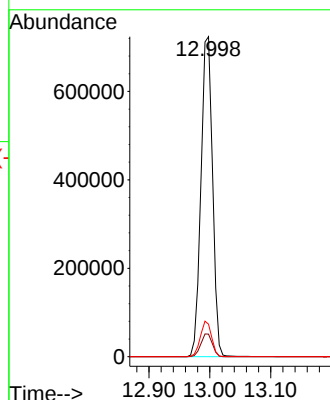
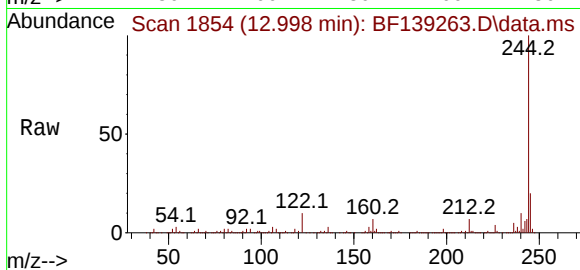
Tgt Ion:244 Resp: 959775

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.1 8.7 13.1



#80

Butylbenzylphthalate

Concen: 3.234 ng

RT: 13.468 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

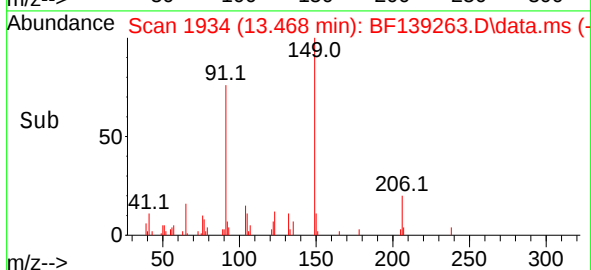
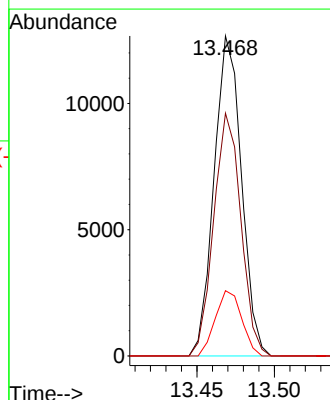
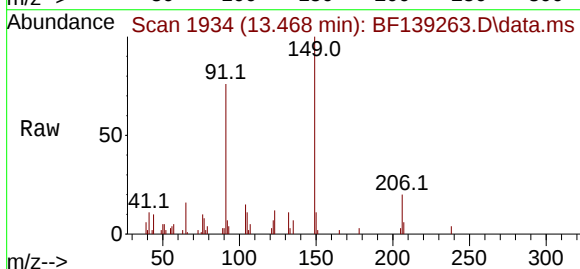
Tgt Ion:149 Resp: 15578

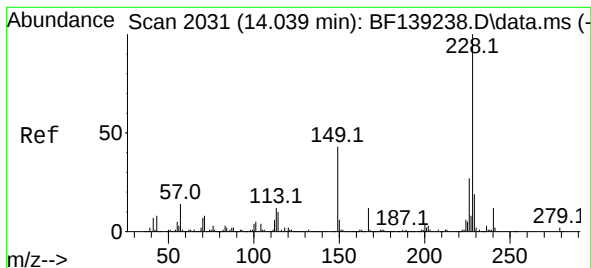
Ion Ratio Lower Upper

149 100

91 75.9 60.3 90.5

206 20.4 16.7 25.1





#81

Benzo(a)anthracene

Concen: 3.861 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

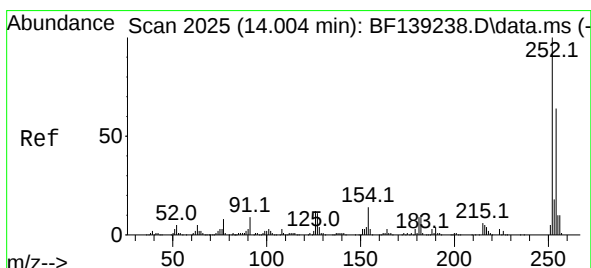
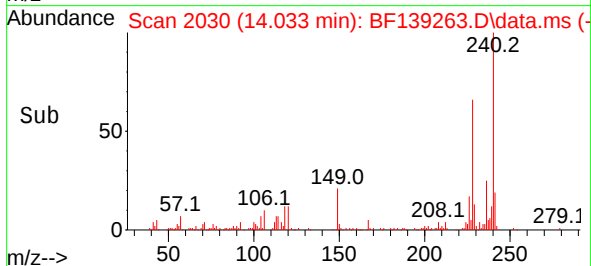
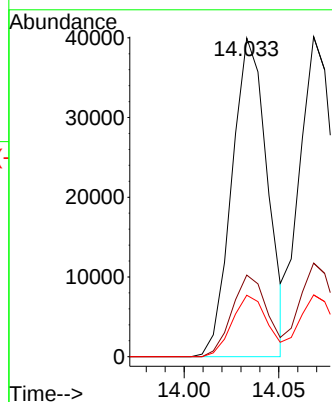
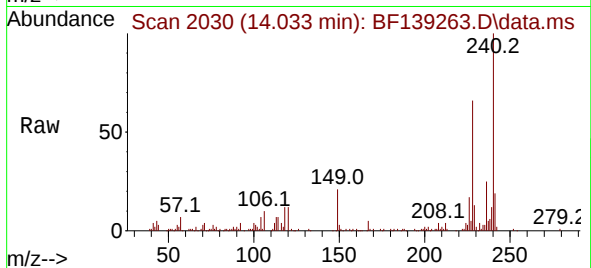
Tgt Ion:228 Resp: 52224

Ion Ratio Lower Upper

228 100

226 25.6 21.5 32.3

229 19.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 3.468 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

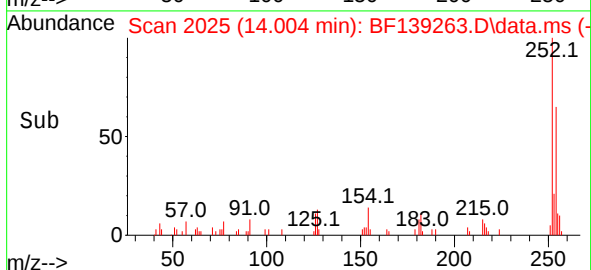
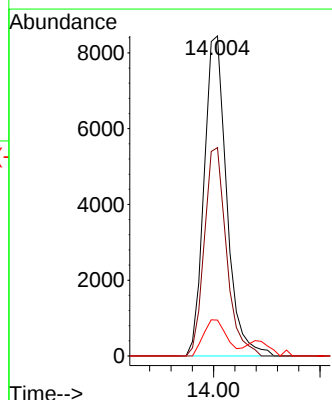
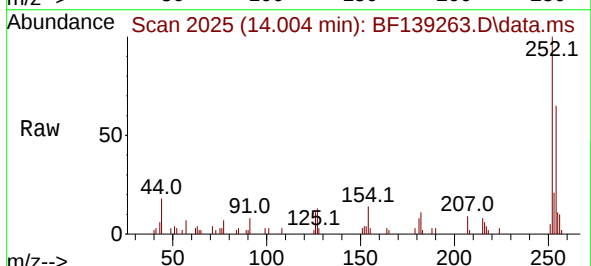
Tgt Ion:252 Resp: 12457

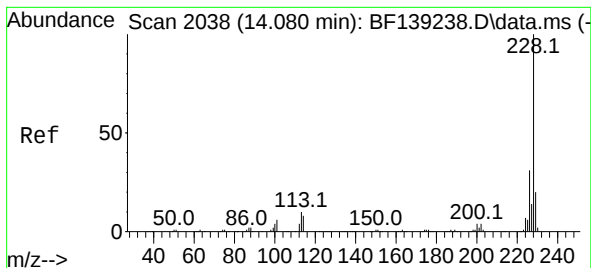
Ion Ratio Lower Upper

252 100

254 65.1 51.5 77.3

126 11.2 9.2 13.8





#83

Chrysene

Concen: 4.101 ng

RT: 14.068 min Scan# 2036

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

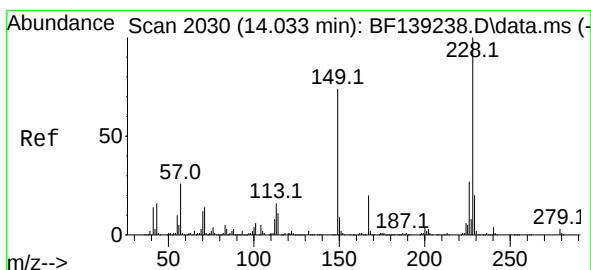
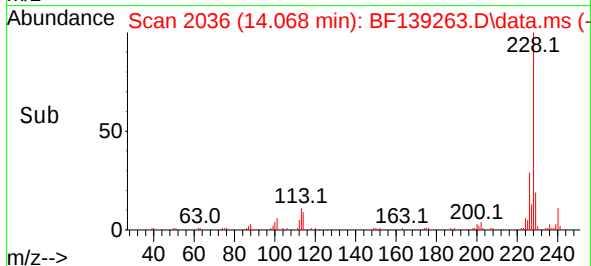
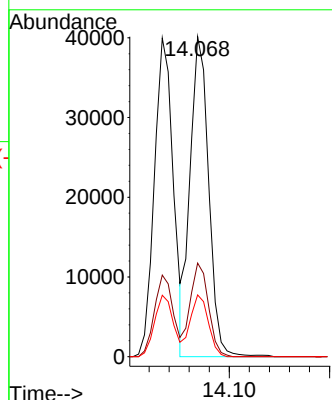
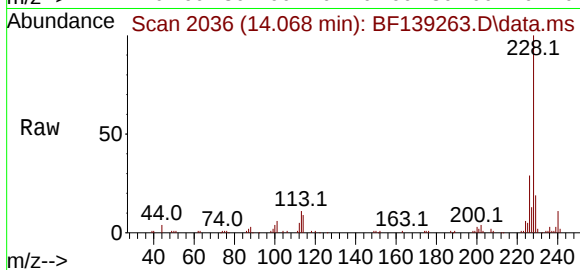
Tgt Ion:228 Resp: 51769

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.8

229 19.3 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.942 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

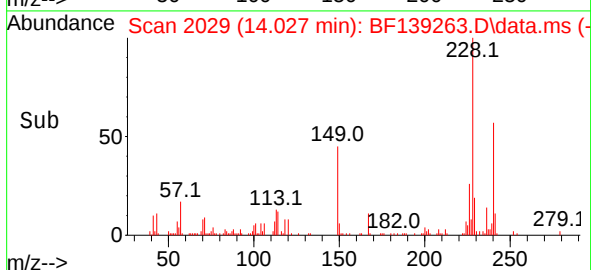
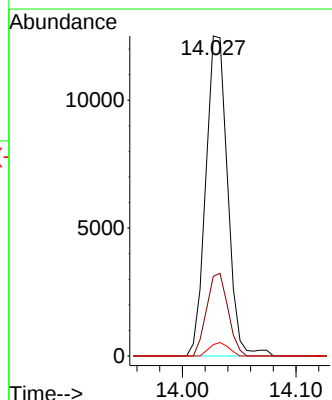
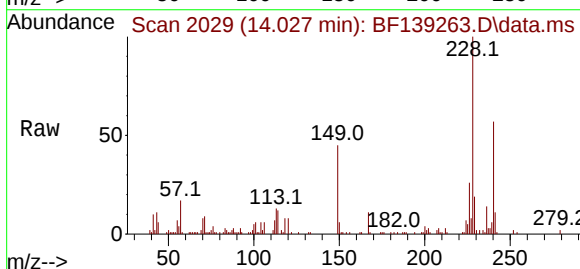
Tgt Ion:149 Resp: 16632

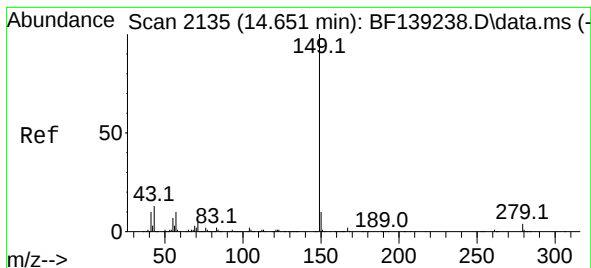
Ion Ratio Lower Upper

149 100

167 24.9 21.8 32.6

279 3.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 2.261 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

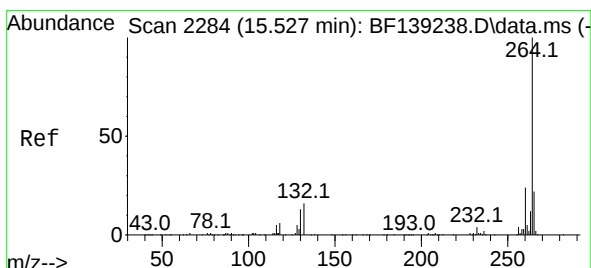
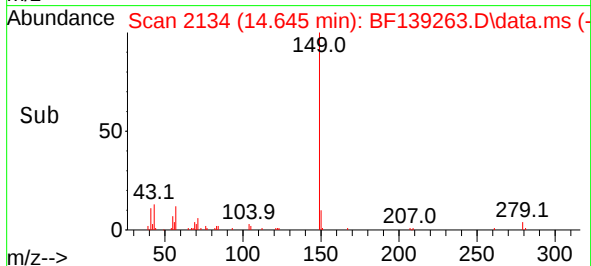
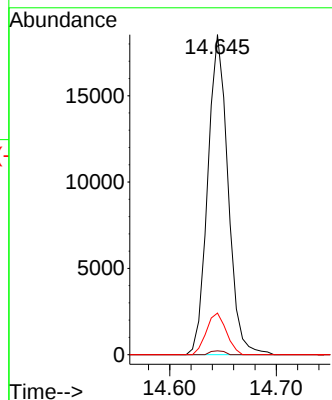
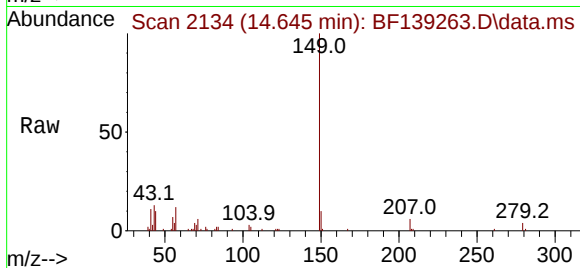
Tgt Ion:149 Resp: 24476

Ion Ratio Lower Upper

149 100

167 0.9 1.3 1.9#

43 12.8 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

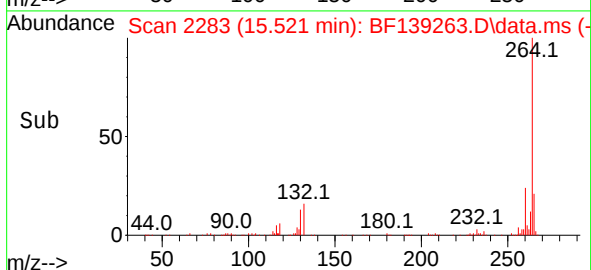
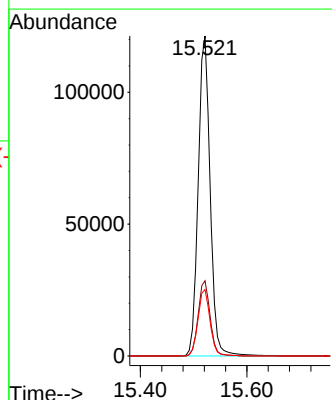
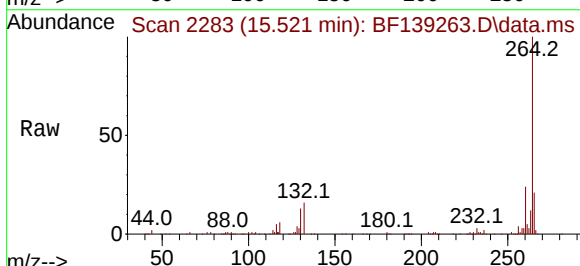
Tgt Ion:264 Resp: 188965

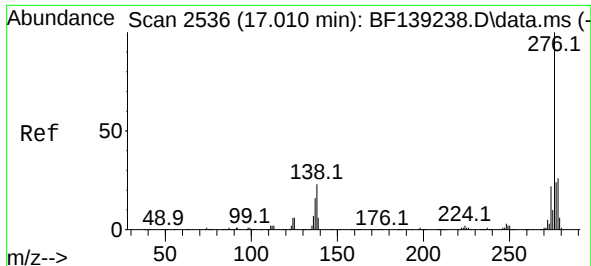
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 20.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.890 ng

RT: 16.992 min Scan# 2109

Delta R.T. -0.018 min

Lab File: BF139263.D

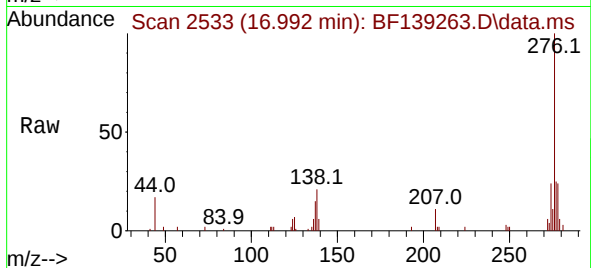
Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



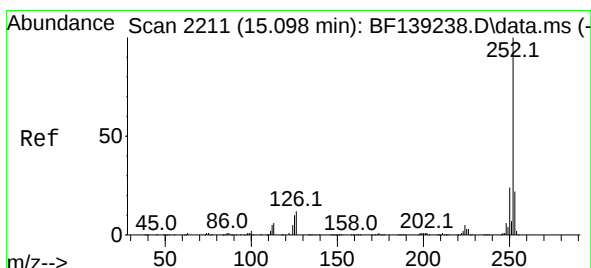
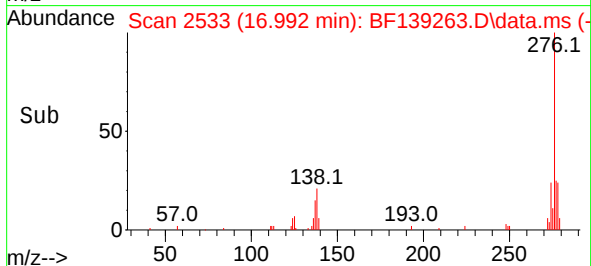
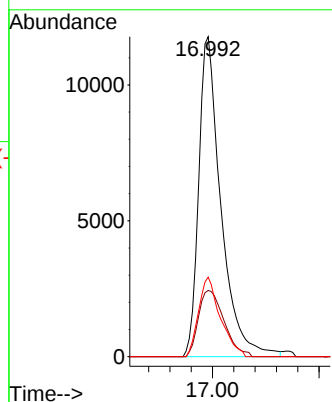
Tgt Ion:276 Resp: 34113

Ion Ratio Lower Upper

276 100

138 23.8 20.4 30.6

277 24.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 3.416 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

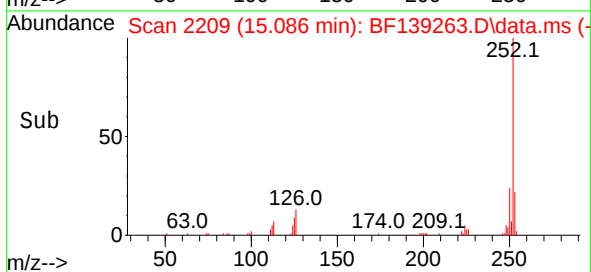
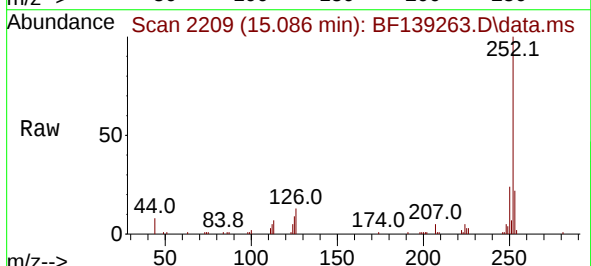
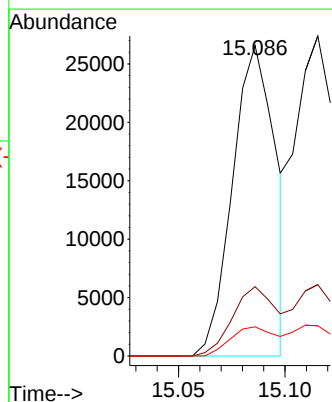
Tgt Ion:252 Resp: 37178

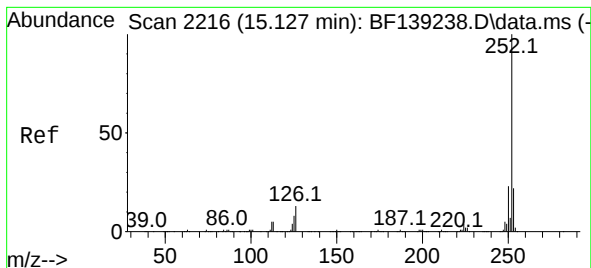
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.4 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 4.192 ng

RT: 15.115 min Scan# 2214

Delta R.T. -0.012 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

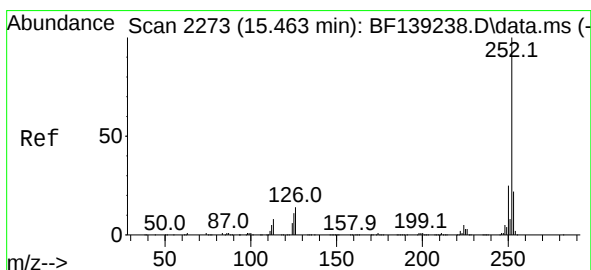
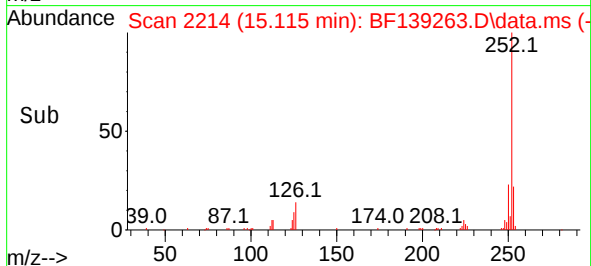
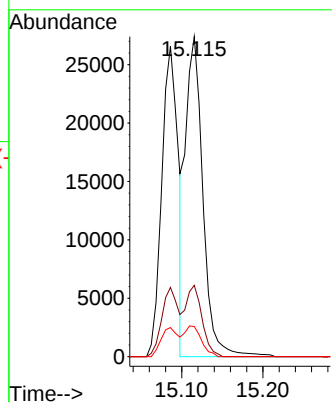
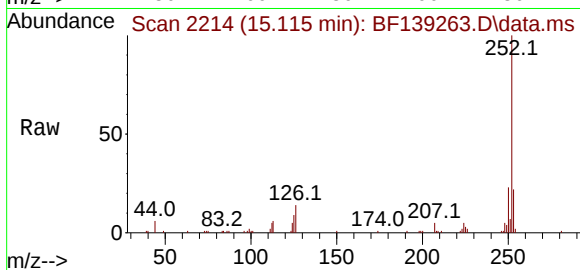
Tgt Ion:252 Resp: 40900

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 3.796 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

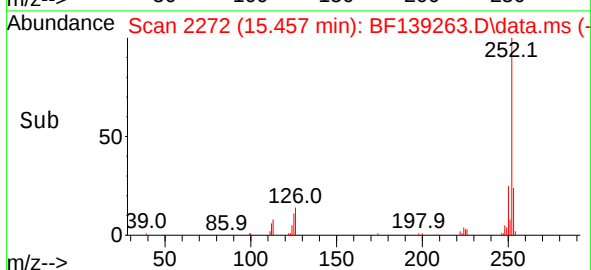
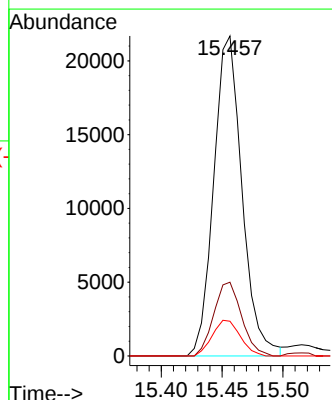
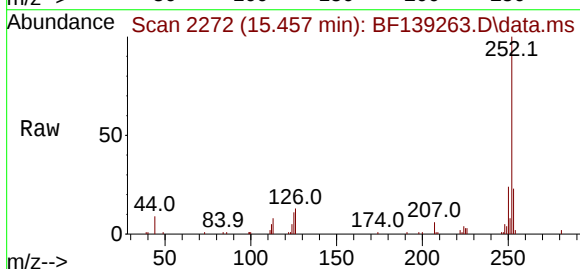
Tgt Ion:252 Resp: 35081

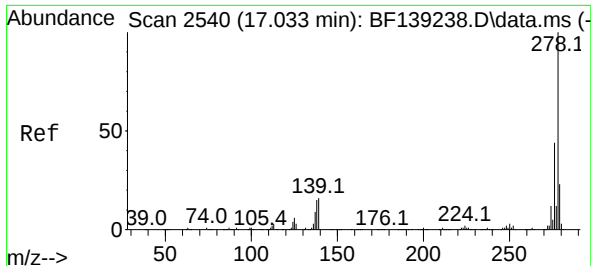
Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 10.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 2.719 ng

RT: 17.015 min Scan# 2537

Delta R.T. -0.018 min

Lab File: BF139263.D

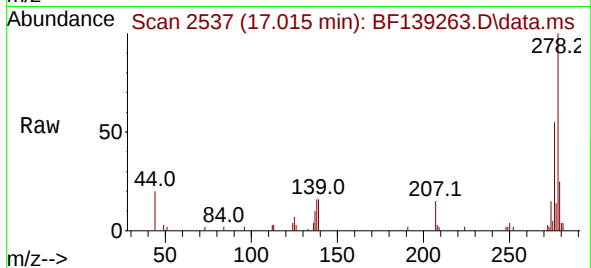
Acq: 05 Sep 2024 17:56

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



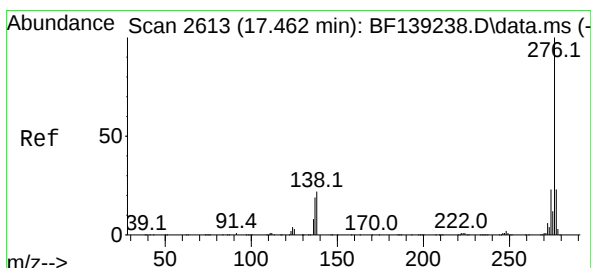
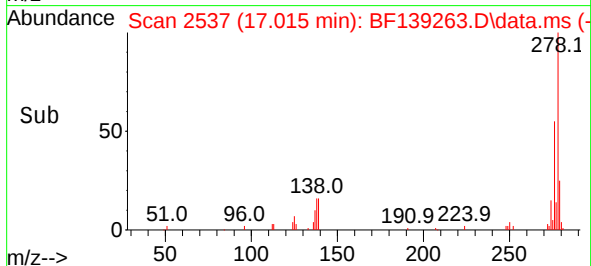
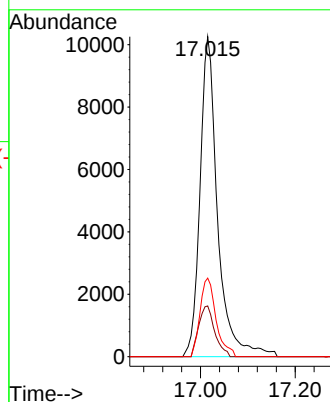
Tgt Ion:278 Resp: 26456

Ion Ratio Lower Upper

278 100

139 15.9 12.6 19.0

279 24.6 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 2.665 ng

RT: 17.433 min Scan# 2608

Delta R.T. -0.030 min

Lab File: BF139263.D

Acq: 05 Sep 2024 17:56

Tgt Ion:276 Resp: 26764

Ion Ratio Lower Upper

276 100

277 26.5 18.6 27.8

138 25.7 17.4 26.0

