

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
 Data File : BF139273.D
 Acq On : 06 Sep 2024 12:00
 Operator : RC/JU
 Sample : P2403-09
 Misc : MDL-MDL-WATER-08 ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Sep 06 12:20:52 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	6.887	152	114838	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	418171	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	221758	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	405003	20.000	ng	0.00
76) Chrysene-d12	14.045	240	203603	20.000	ng	0.00
86) Perylene-d12	15.521	264	189537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	879067	128.055	ng	0.00
7) Phenol-d6	6.516	99	1178322	128.577	ng	0.00
23) Nitrobenzene-d5	7.451	82	766344	95.337	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	257808	134.632	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1332788	92.774	ng	0.00
79) Terphenyl-d14	12.998	244	1108548	87.908	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	27407	8.573	ng	94
3) Pyridine	3.457	79	62398	8.086	ng	97
4) n-Nitrosodimethylamine	3.369	42	42279	8.437	ng	97
6) Aniline	6.551	93	91768	10.889	ng	99
8) 2-Chlorophenol	6.669	128	65941	9.269	ng	# 82
9) Benzaldehyde	6.439	77	58807	10.601	ng	99
10) Phenol	6.528	94	89362	9.245	ng	86
11) bis(2-Chloroethyl)ether	6.622	93	65582	9.470	ng	98
12) 1,3-Dichlorobenzene	6.828	146	72476	9.000	ng	98
13) 1,4-Dichlorobenzene	6.904	146	74681	9.266	ng	97
14) 1,2-Dichlorobenzene	7.057	146	68455	9.106	ng	98
15) Benzyl Alcohol	7.022	79	71561	10.707	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	123973	9.404	ng	98
17) 2-Methylphenol	7.128	107	50140	8.628	ng	99
18) Hexachloroethane	7.398	117	25319	8.795	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	49594	9.396	ng	99
20) 3+4-Methylphenols	7.286	107	67222	9.178	ng	# 84
22) Acetophenone	7.292	105	95996	9.636	ng	95
24) Nitrobenzene	7.469	77	75809	8.886	ng	98
25) Isophorone	7.698	82	127911	9.308	ng	98
26) 2-Nitrophenol	7.781	139	29138	8.696	ng	98
27) 2,4-Dimethylphenol	7.816	122	39500	8.265	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	77065	9.412	ng	96
29) 2,4-Dichlorophenol	8.022	162	51545	9.008	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	59170	9.054	ng	97
31) Naphthalene	8.192	128	198741	9.385	ng	99
32) Benzoic acid	7.869	122	20897	4.801	ng	97
33) 4-Chloroaniline	8.239	127	74660	10.182	ng	96
34) Hexachlorobutadiene	8.310	225	35884	8.665	ng	99
35) Caprolactam	8.569	113	14755	8.329	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	54500	8.740	ng	94
37) 2-Methylnaphthalene	8.880	142	122446	9.242	ng	100
38) 1-Methylnaphthalene	8.980	142	113700	8.726	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	60149	9.587	ng	99
41) Hexachlorocyclopentadiene	9.033	237	17931	8.893	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	37153	9.050	ng	97

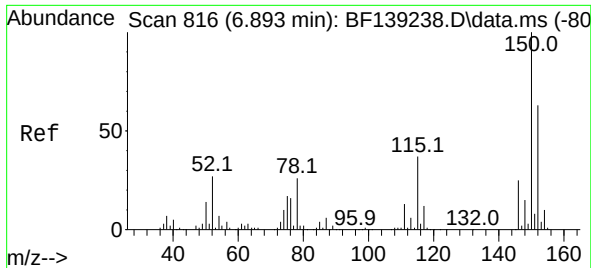
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	38232	8.887	ng	99
46) 1,1'-Biphenyl	9.345	154	161155	9.809	ng	100
47) 2-Chloronaphthalene	9.369	162	115127	9.280	ng	99
48) 2-Nitroaniline	9.463	65	37935	8.877	ng	99
49) Acenaphthylene	9.786	152	187961	10.059	ng	100
50) Dimethylphthalate	9.639	163	130042	9.675	ng	99
51) 2,6-Dinitrotoluene	9.704	165	26181	8.586	ng	96
52) Acenaphthene	9.957	154	111699	9.013	ng	98
53) 3-Nitroaniline	9.869	138	29589	9.108	ng	97
54) 2,4-Dinitrophenol	9.975	184	4784	10.239	ng	# 30
55) Dibenzofuran	10.127	168	174849	9.840	ng	98
56) 4-Nitrophenol	10.016	139	17560	7.323	ng	98
57) 2,4-Dinitrotoluene	10.104	165	32162	8.287	ng	99
58) Fluorene	10.469	166	135762	9.855	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	31333	9.253	ng	96
60) Diethylphthalate	10.339	149	123751	9.356	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	63848	9.610	ng	99
62) 4-Nitroaniline	10.475	138	25967	8.397	ng	95
63) Azobenzene	10.627	77	131263	9.416	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	10218	5.460	ng	95
66) n-Nitrosodiphenylamine	10.580	169	111403	9.450	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	35735	9.094	ng	95
68) Hexachlorobenzene	11.016	284	41622	9.253	ng	99
69) Atrazine	11.104	200	31844	11.708	ng	99
70) Pentachlorophenol	11.210	266	16774	6.455	ng	99
71) Phenanthrene	11.433	178	183658	9.707	ng	99
72) Anthracene	11.486	178	182309	9.864	ng	99
73) Carbazole	11.639	167	158879	9.197	ng	99
74) Di-n-butylphthalate	11.974	149	165242	9.342	ng	99
75) Fluoranthene	12.621	202	181012	9.543	ng	99
77) Benzidine	12.745	184	46002	11.221	ng	95
78) Pyrene	12.851	202	183867	9.348	ng	99
80) Butylbenzylphthalate	13.474	149	39356	8.500	ng	96
81) Benzo(a)anthracene	14.039	228	121335	9.333	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	31912	9.243	ng	98
83) Chrysene	14.074	228	112385	9.262	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	42755	7.867	ng	99
85) Di-n-octyl phthalate	14.645	149	66361	6.378	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	89819	7.586	ng	97
88) Benzo(b)fluoranthene	15.086	252	97581	8.940	ng	99
89) Benzo(k)fluoranthene	15.115	252	93701	9.574	ng	99
90) Benzo(a)pyrene	15.457	252	86560	9.339	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	69583	7.131	ng	98
92) Benzo(g,h,i)perylene	17.439	276	69516	6.902	ng	98

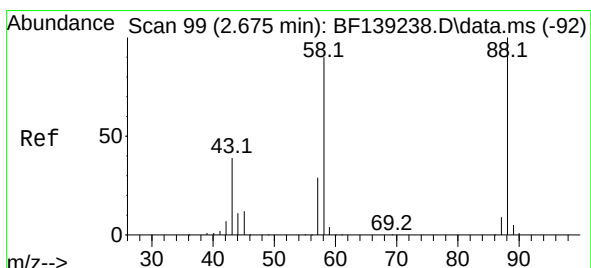
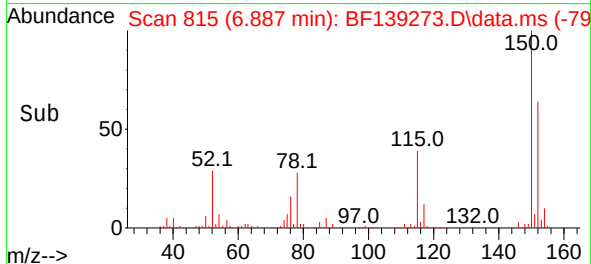
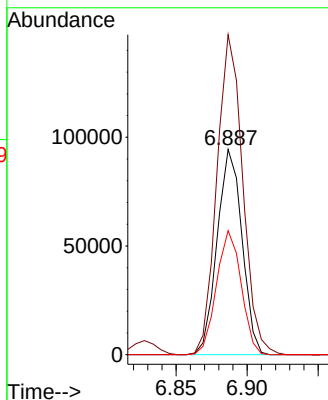
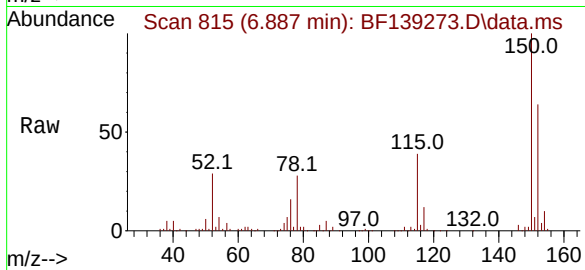
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF139273.D
 Acq: 06 Sep 2024 12:00

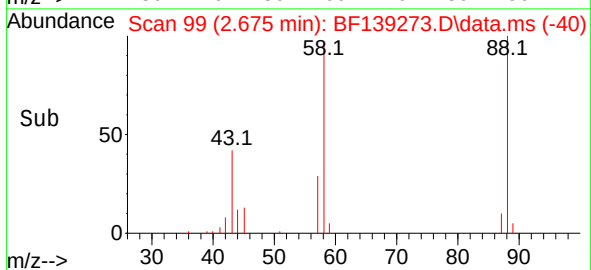
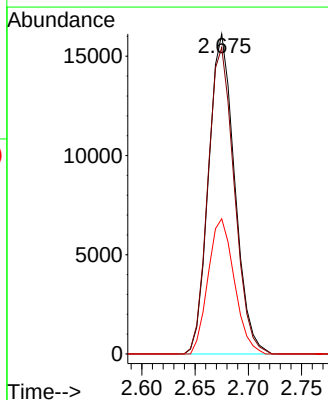
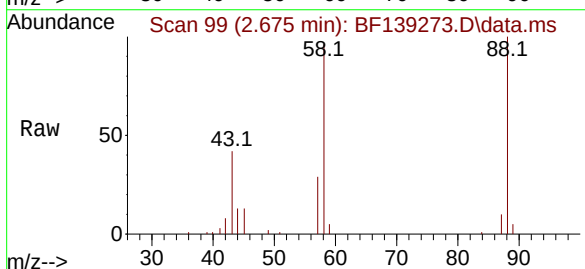
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2024

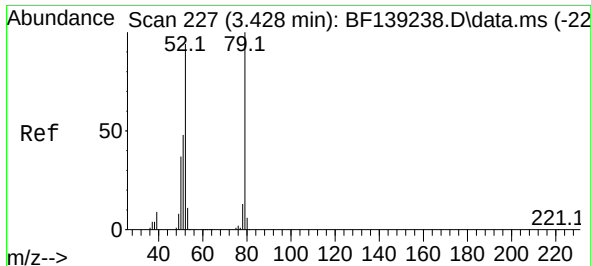
Tgt Ion:152 Resp: 114838
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.0 190.4
 115 60.4 46.9 70.3



#2
 1,4-Dioxane
 Concen: 8.573 ng
 RT: 2.675 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: BF139273.D
 Acq: 06 Sep 2024 12:00

Tgt Ion: 88 Resp: 27407
 Ion Ratio Lower Upper
 88 100
 58 96.8 72.5 108.7
 43 42.5 31.4 47.2





#3

Pyridine

Concen: 8.086 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

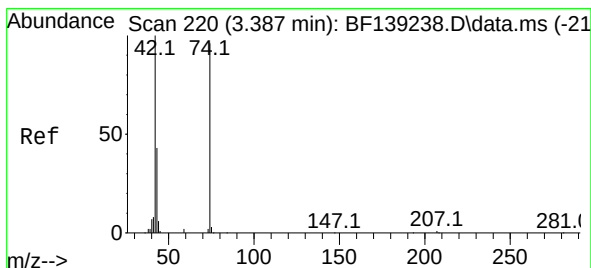
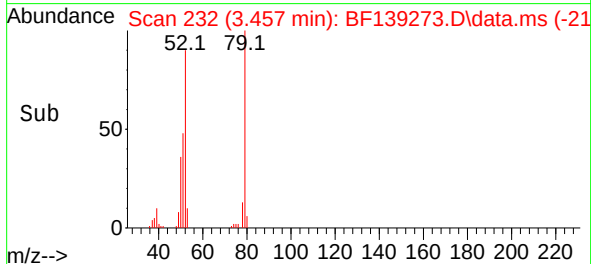
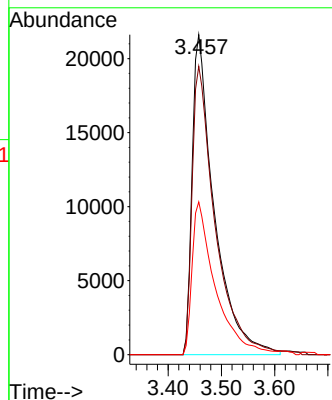
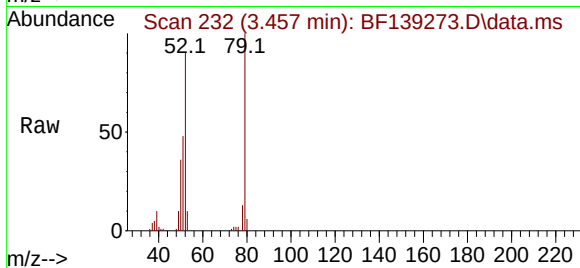
Tgt Ion: 79 Resp: 62398

Ion Ratio Lower Upper

79 100

52 90.1 75.3 112.9

51 47.7 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 8.437 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.018 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

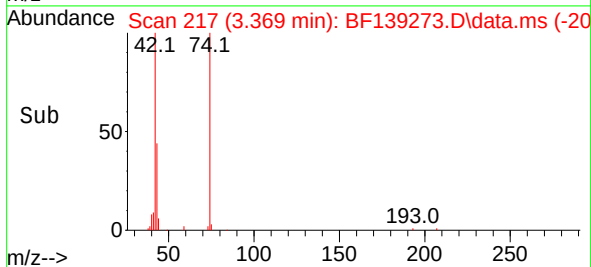
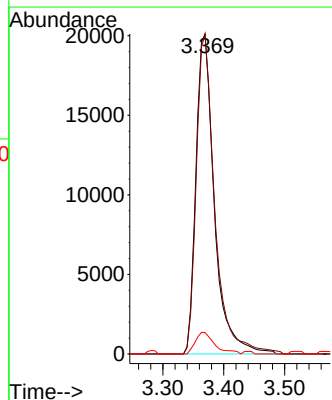
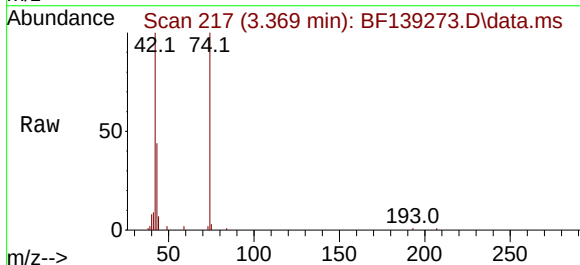
Tgt Ion: 42 Resp: 42279

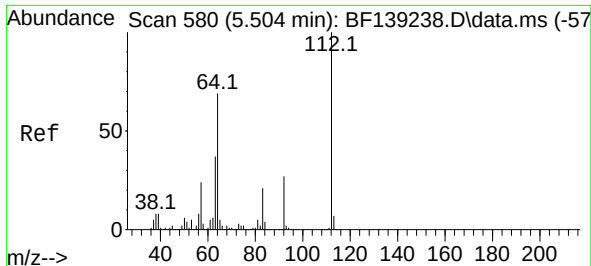
Ion Ratio Lower Upper

42 100

74 100.0 77.2 115.8

44 6.7 5.1 7.7

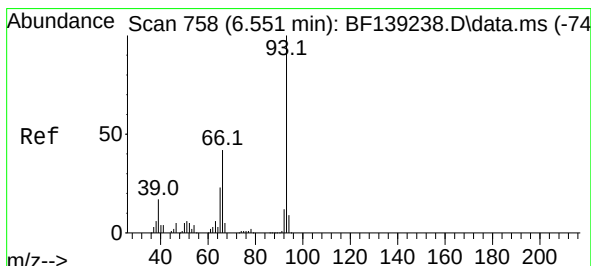
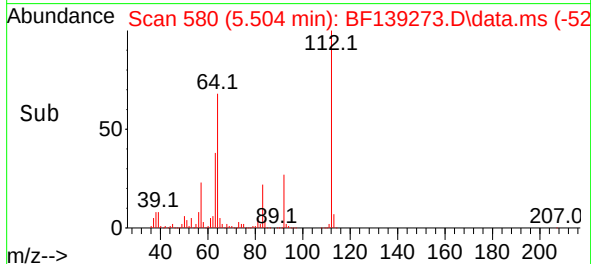
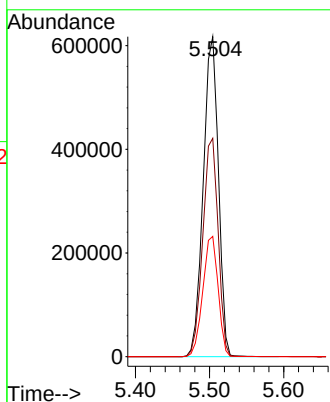
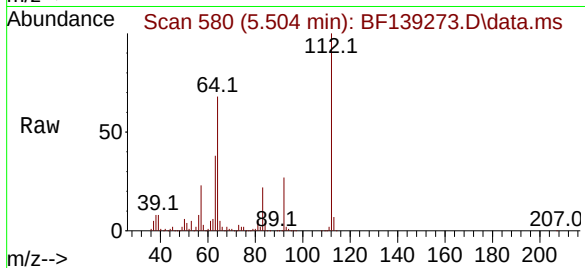




#5
2-Fluorophenol
Concen: 128.055 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

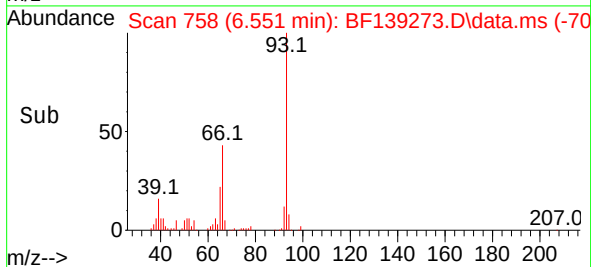
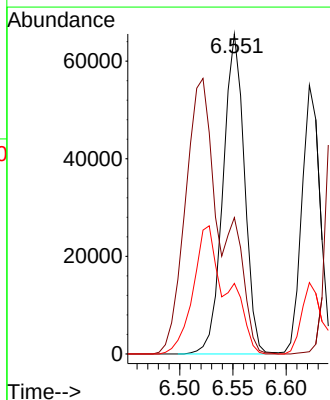
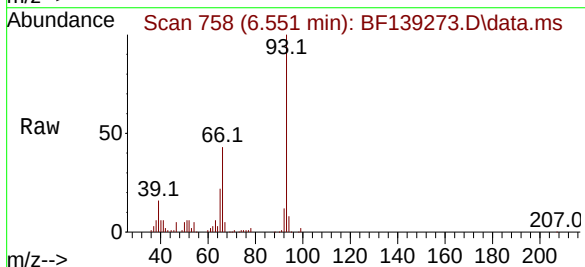
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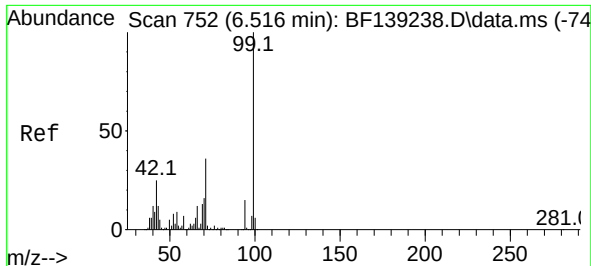
Tgt Ion:112 Resp: 879067
Ion Ratio Lower Upper
112 100
64 68.3 55.0 82.4
63 37.6 29.9 44.9



#6
Aniline
Concen: 10.889 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion: 93 Resp: 91768
Ion Ratio Lower Upper
93 100
66 42.6 34.4 51.6
65 22.1 18.2 27.4

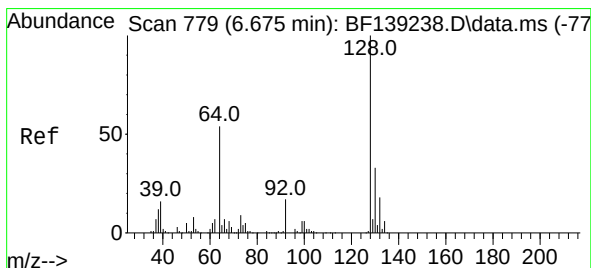
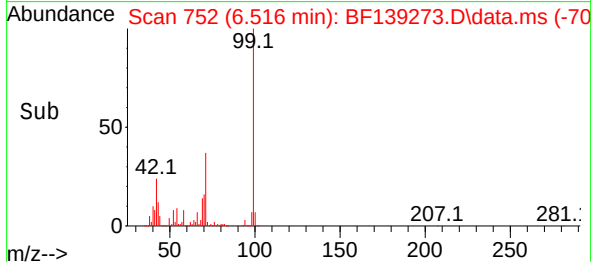
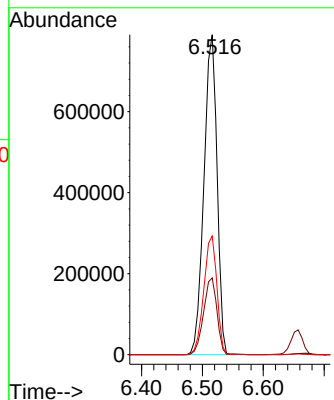
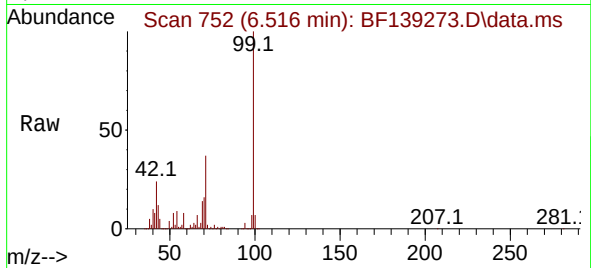




#7
Phenol-d6
Concen: 128.577 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

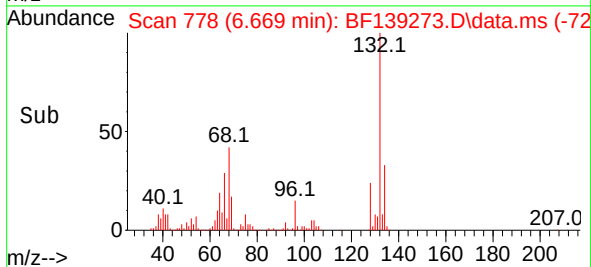
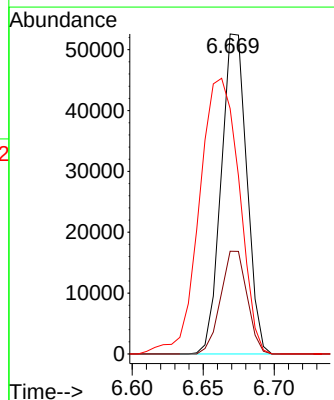
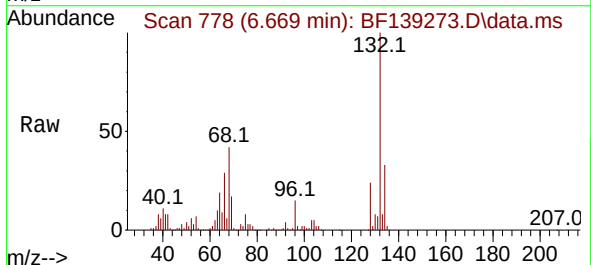
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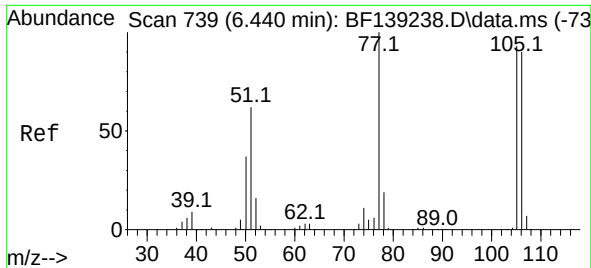
Tgt Ion: 99 Resp: 1178322
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 37.1 28.8 43.2



#8
2-Chlorophenol
Concen: 9.269 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion:128 Resp: 65941
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 76.7 36.6 76.6#





#9

Benzaldehyde

Concen: 10.601 ng

RT: 6.439 min Scan# 74

Delta R.T. -0.001 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

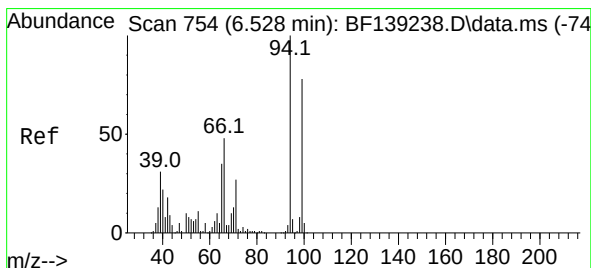
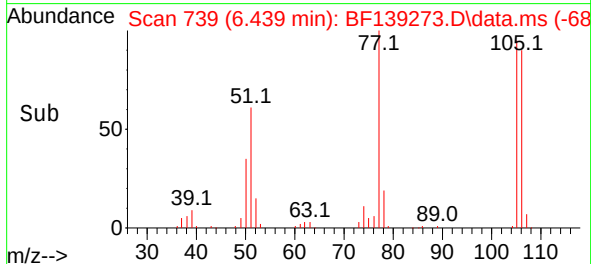
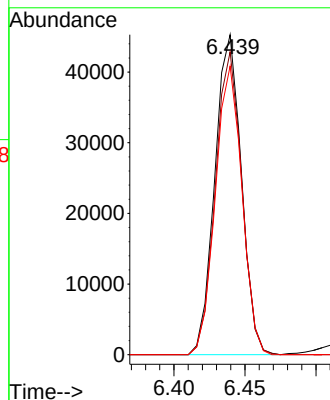
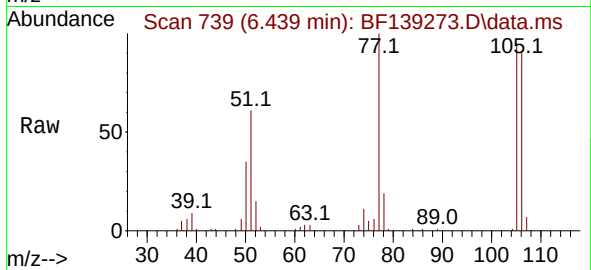
Tgt Ion: 77 Resp: 58807

Ion Ratio Lower Upper

77 100

105 94.6 72.9 112.9

106 90.2 69.6 109.6



#10

Phenol

Concen: 9.245 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

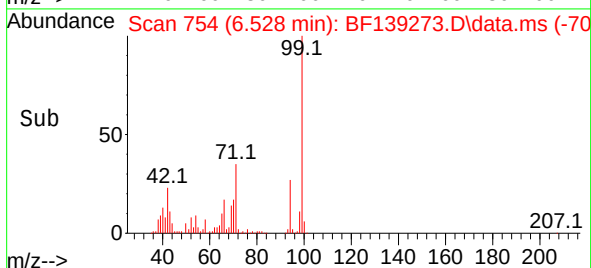
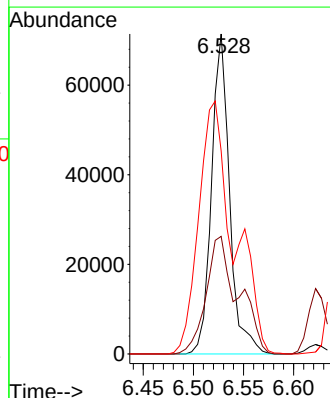
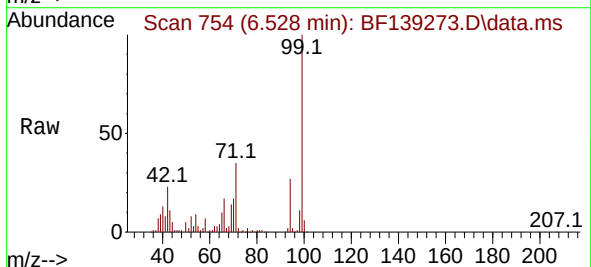
Tgt Ion: 94 Resp: 89362

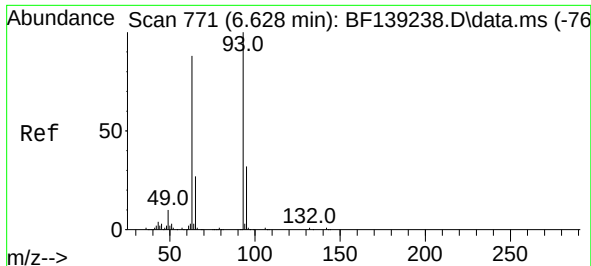
Ion Ratio Lower Upper

94 100

65 36.8 14.7 54.7

66 63.5 28.5 68.5





#11

bis(2-Chloroethyl)ether

Concen: 9.470 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

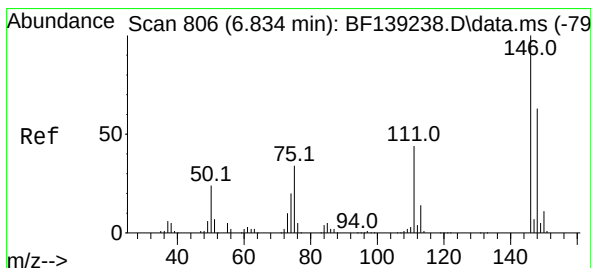
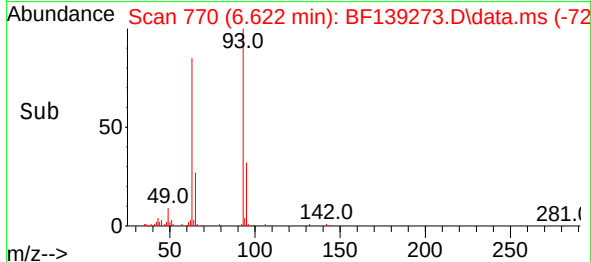
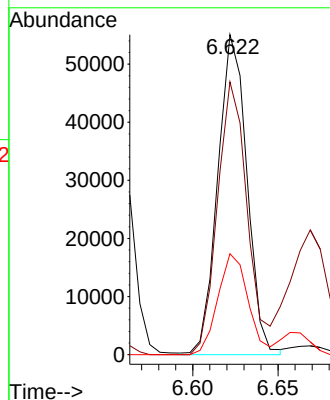
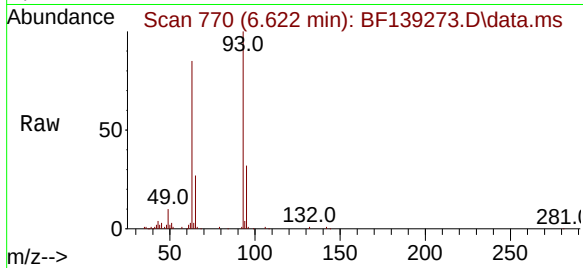
Tgt Ion: 93 Resp: 65582

Ion Ratio Lower Upper

93 100

63 85.2 67.1 107.1

95 31.6 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 9.000 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

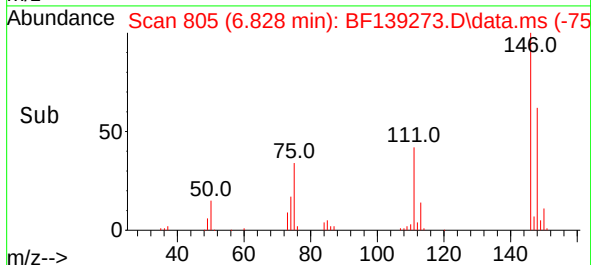
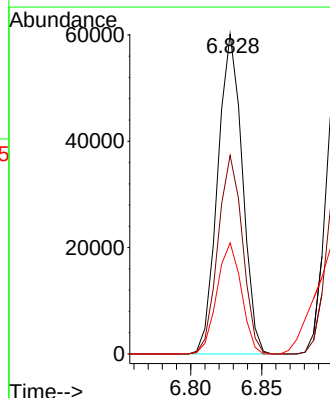
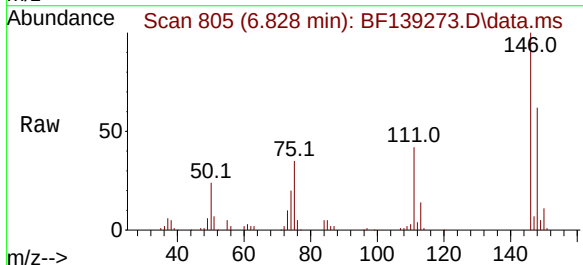
Tgt Ion:146 Resp: 72476

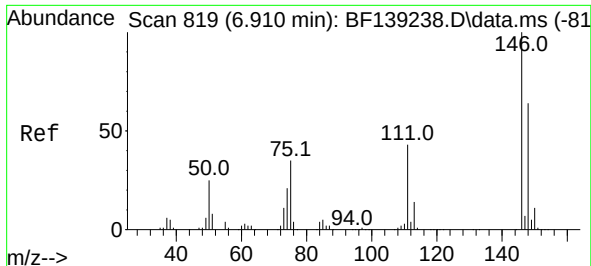
Ion Ratio Lower Upper

146 100

148 62.0 50.8 76.2

75 34.7 27.3 40.9

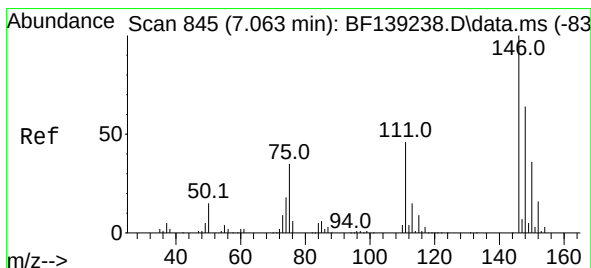
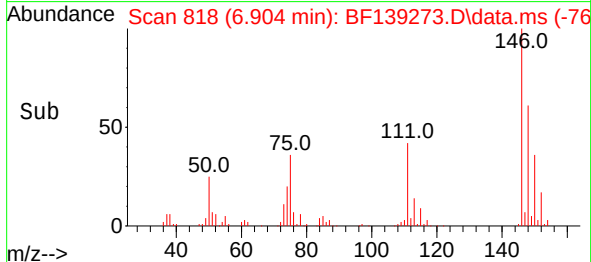
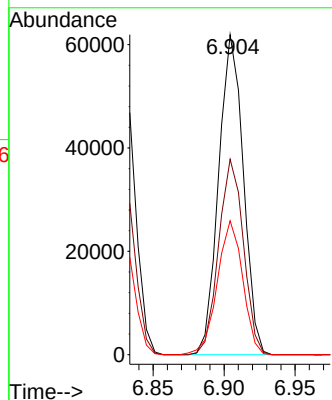
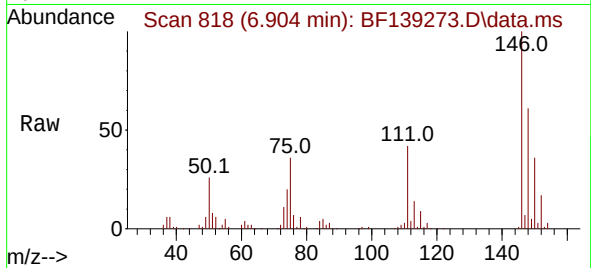




#13
1,4-Dichlorobenzene
Concen: 9.266 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

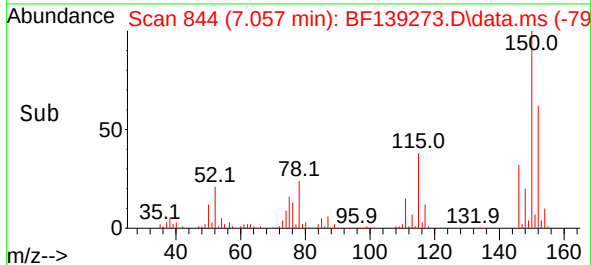
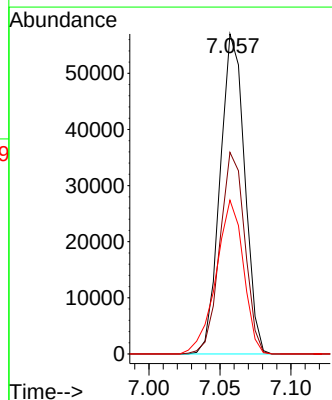
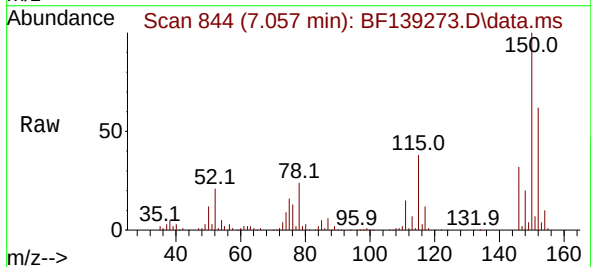
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

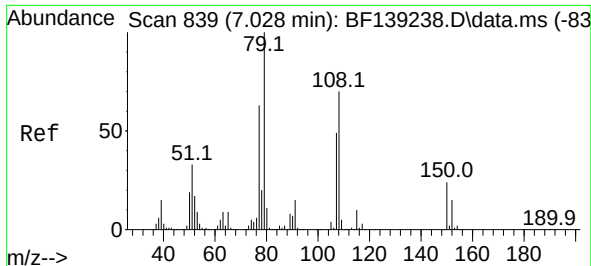
Tgt Ion:146 Resp: 74681
Ion Ratio Lower Upper
146 100
148 61.1 51.2 76.8
111 41.8 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 9.106 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion:146 Resp: 68455
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
111 48.0 36.6 55.0

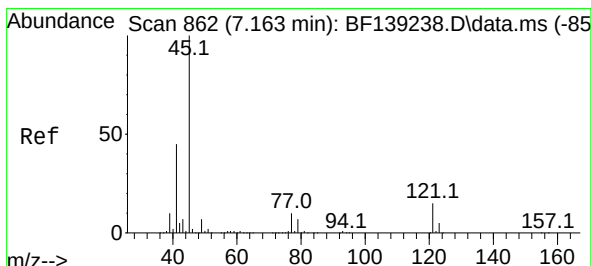
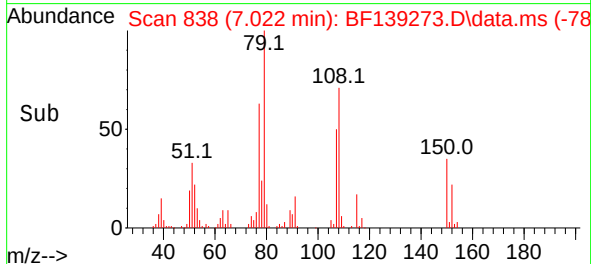
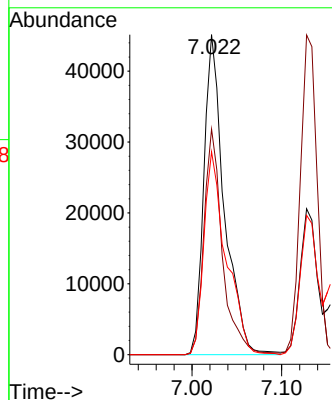
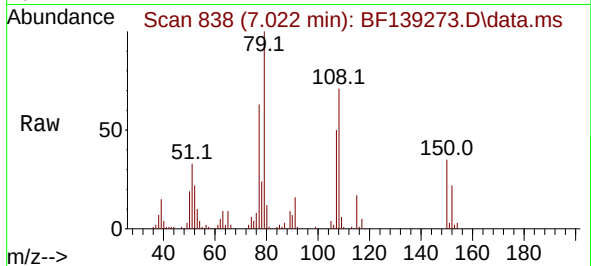




#15
Benzyl Alcohol
Concen: 10.707 ng
RT: 7.022 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

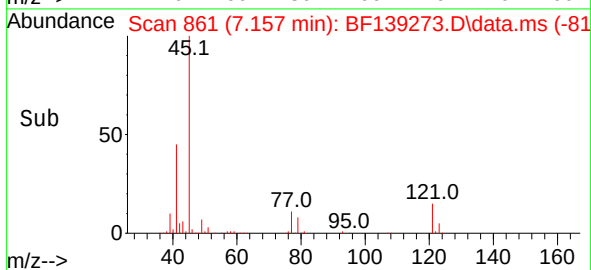
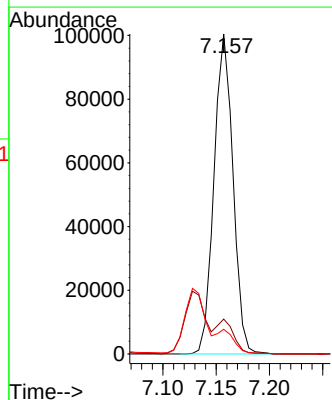
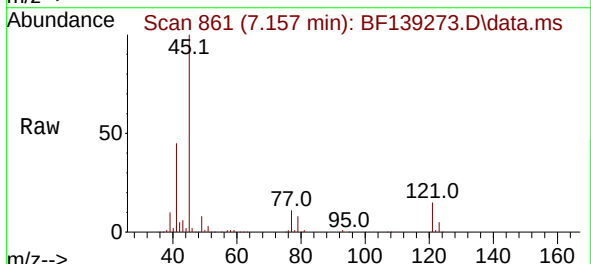
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

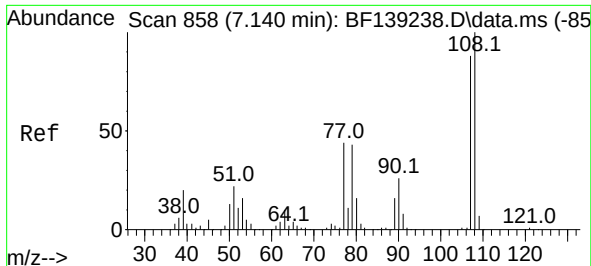
Tgt Ion: 79 Resp: 71561
Ion Ratio Lower Upper
79 100
108 70.5 56.1 84.1
77 63.4 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.404 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion: 45 Resp: 123973
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.0
79 7.7 0.0 27.6

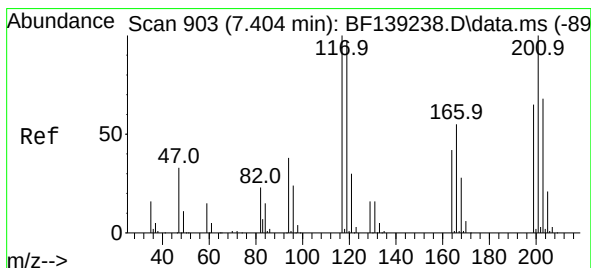
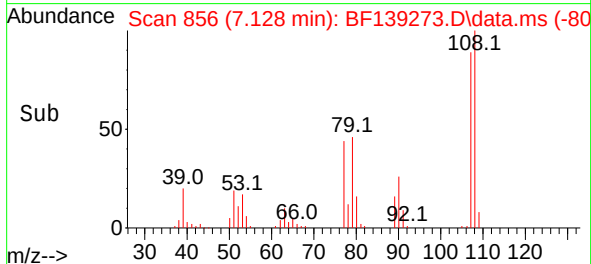
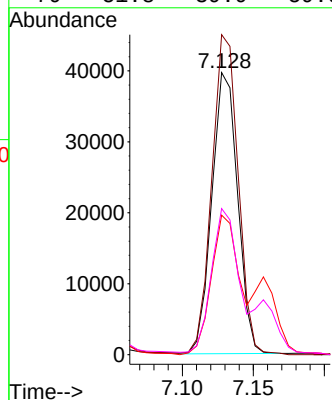
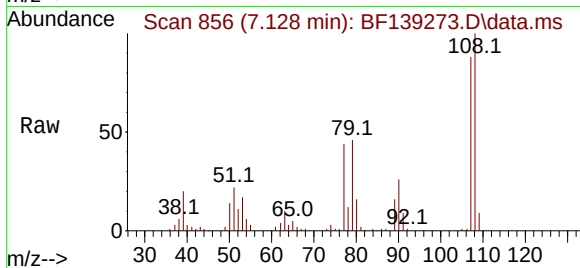




#17
2-Methylphenol
Concen: 8.628 ng
RT: 7.128 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

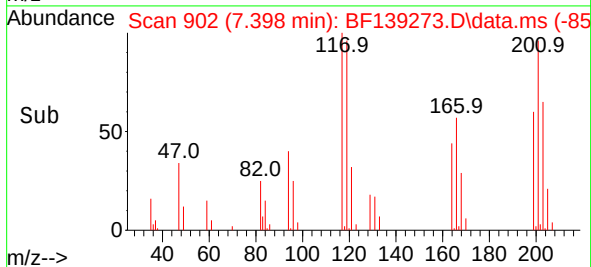
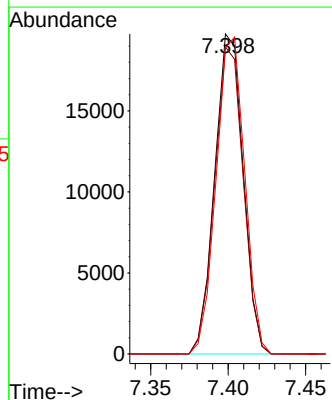
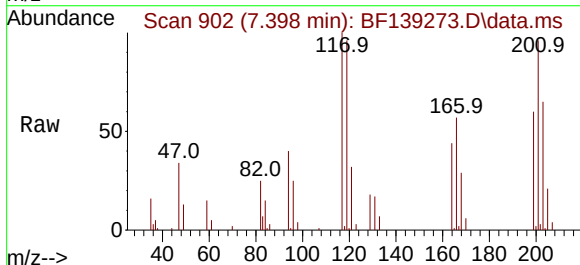
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

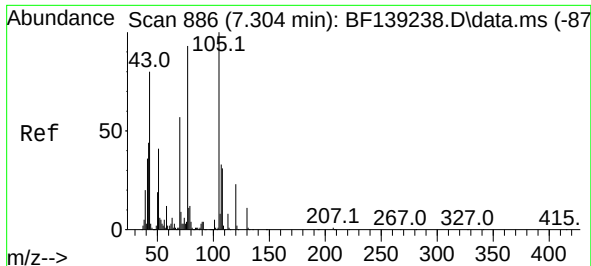
Tgt Ion:	107	Resp:	50140
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.4	137.2
77	49.5	40.1	60.1
79	51.8	39.9	59.9



#18
Hexachloroethane
Concen: 8.795 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion:	117	Resp:	25319
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.2
201	95.7	80.0	120.0





#19

n-Nitroso-di-n-propylamine

Concen: 9.396 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 70 Resp: 49594

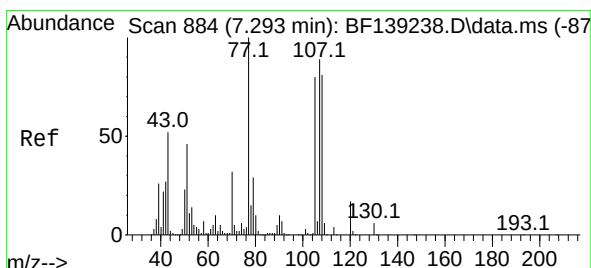
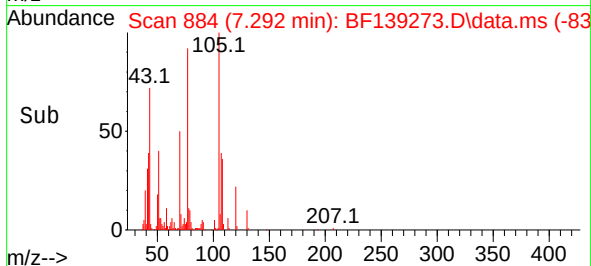
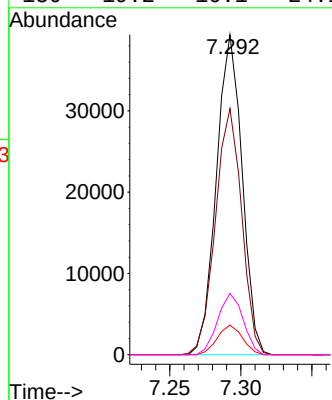
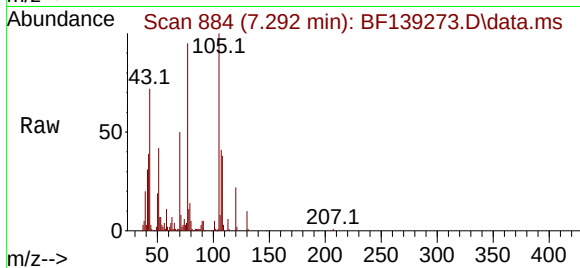
Ion Ratio Lower Upper

70 100

42 76.9 61.0 91.6

101 9.3 7.2 10.8

130 19.2 16.1 24.1



#20

3+4-Methylphenols

Concen: 9.178 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Tgt Ion:107 Resp: 67222

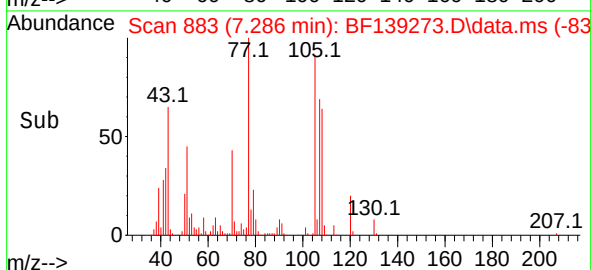
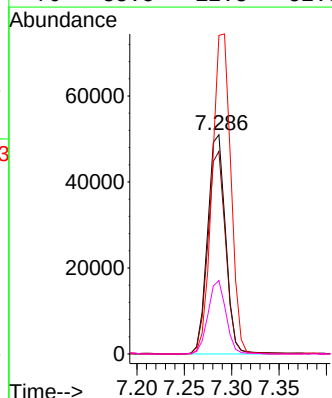
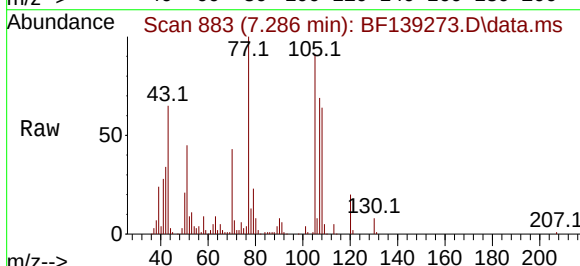
Ion Ratio Lower Upper

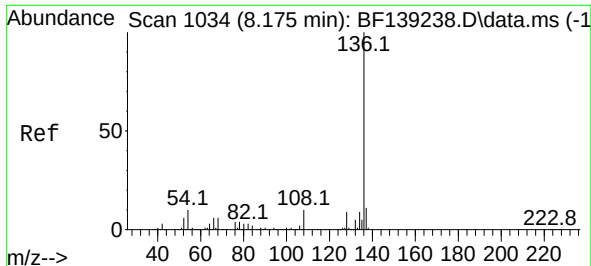
107 100

108 92.4 70.4 110.4

77 145.3 92.2 132.2#

79 33.5 12.8 52.8

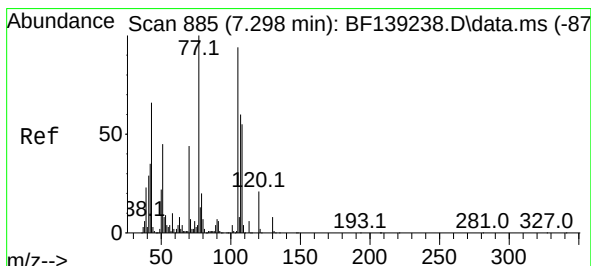
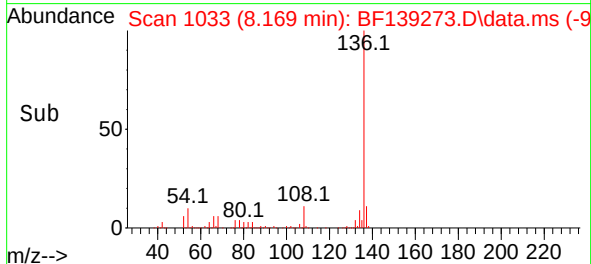
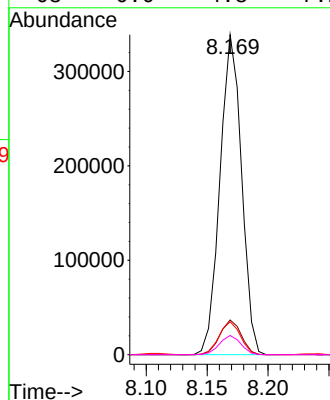
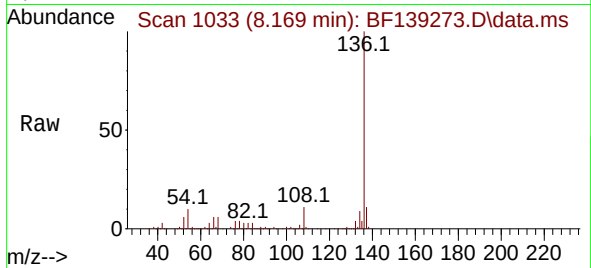




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

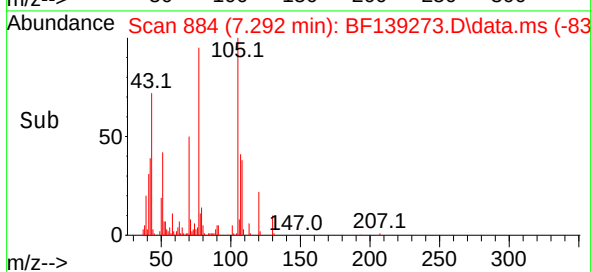
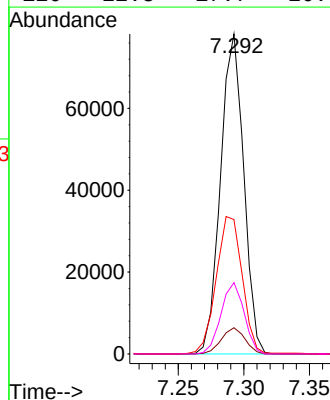
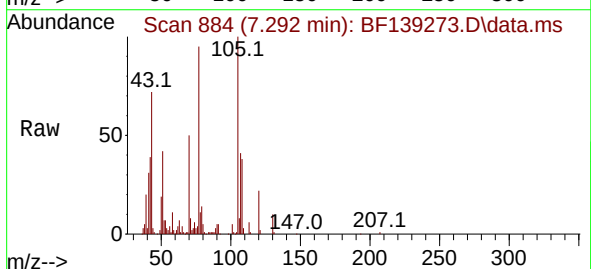
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

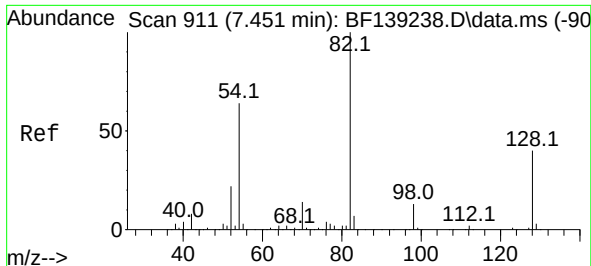
Tgt Ion:136 Resp: 418171
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.4 12.6
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 9.636 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion:105 Resp: 95996
Ion Ratio Lower Upper
105 100
71 8.2 6.2 9.2
51 42.0 38.2 57.2
120 22.3 17.7 26.5





#23

Nitrobenzene-d5

Concen: 95.337 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

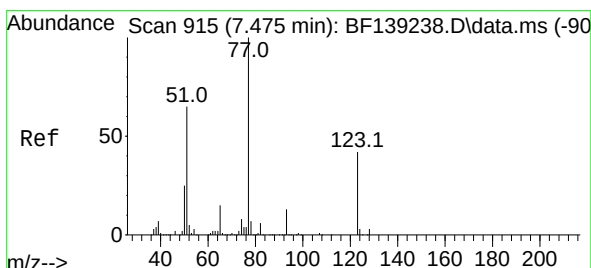
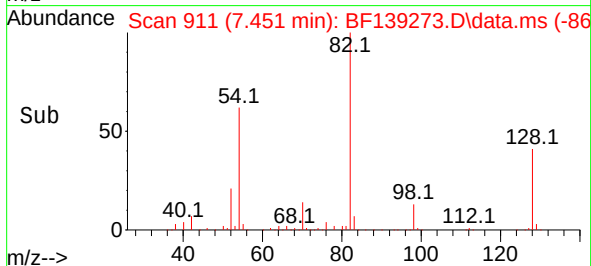
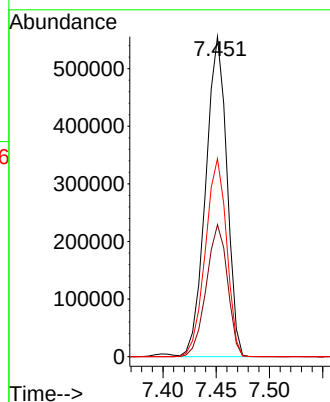
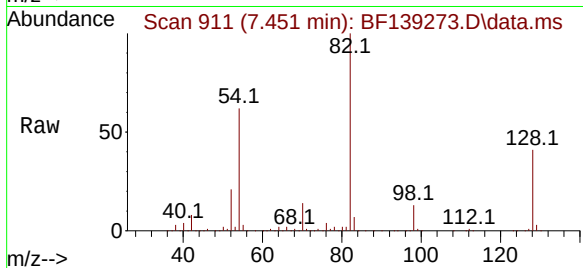
Tgt Ion: 82 Resp: 766344

Ion Ratio Lower Upper

82 100

128 41.3 32.3 48.5

54 61.9 51.2 76.8



#24

Nitrobenzene

Concen: 8.886 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

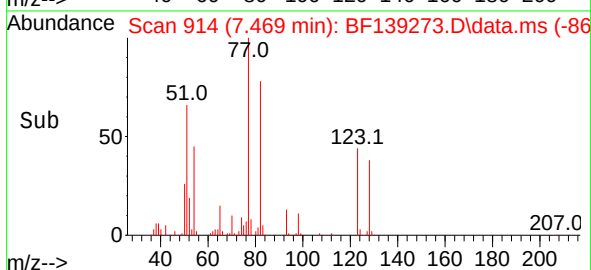
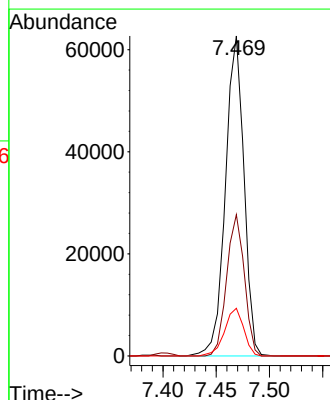
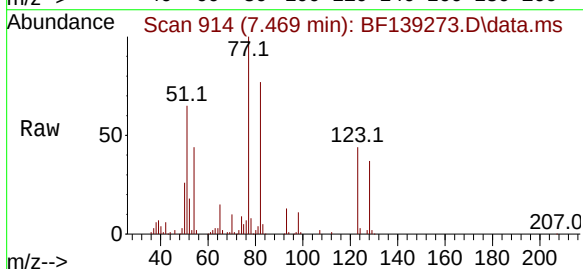
Tgt Ion: 77 Resp: 75809

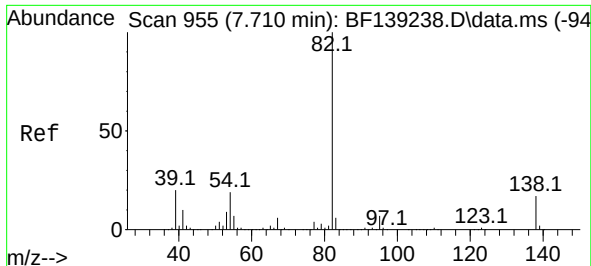
Ion Ratio Lower Upper

77 100

123 44.1 34.0 51.0

65 14.9 12.1 18.1

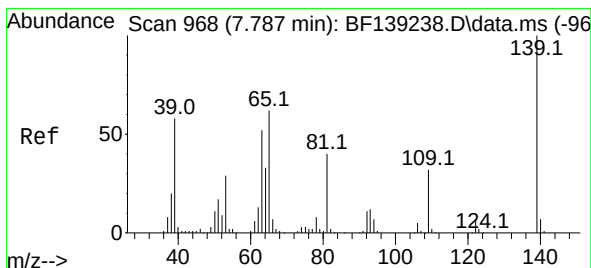
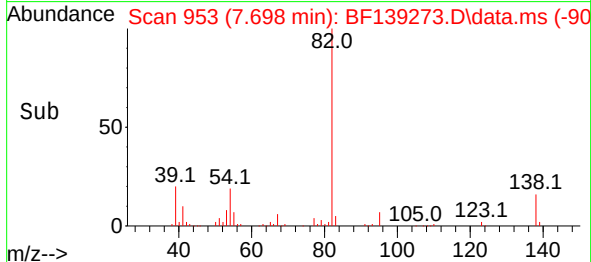
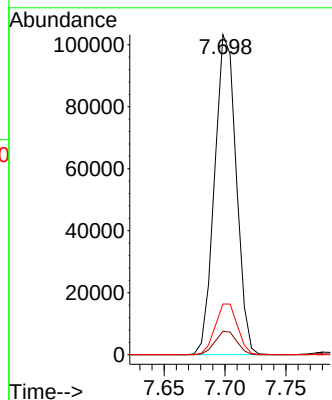
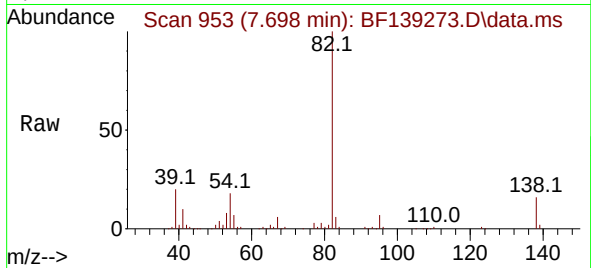




#25
Isophorone
Concen: 9.308 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

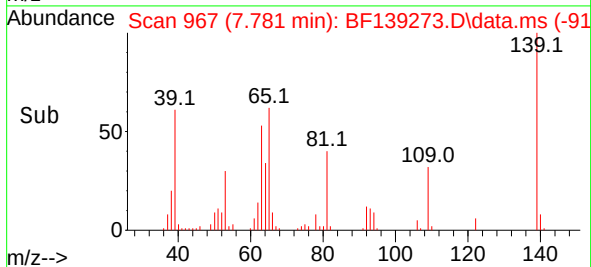
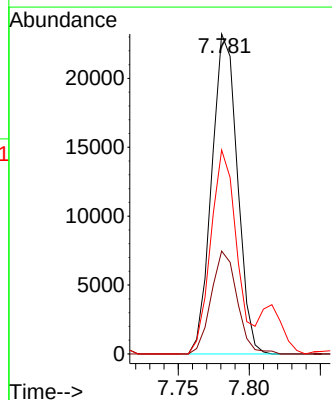
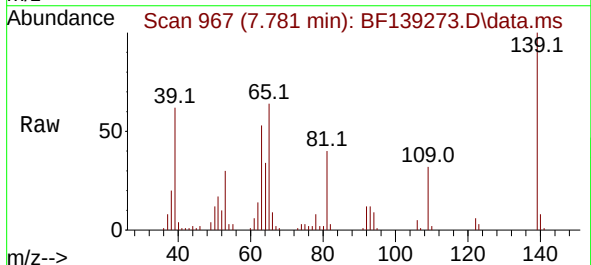
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

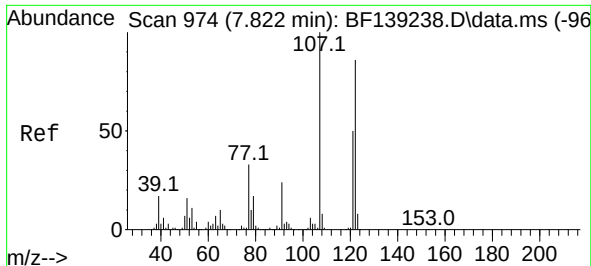
Tgt Ion: 82 Resp: 127911
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 15.9 13.4 20.0



#26
2-Nitrophenol
Concen: 8.696 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion:139 Resp: 29138
Ion Ratio Lower Upper
139 100
109 32.1 25.4 38.2
65 63.8 49.4 74.2

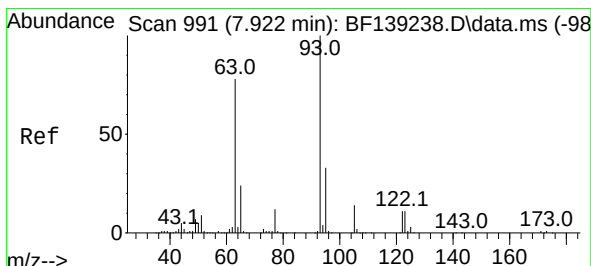
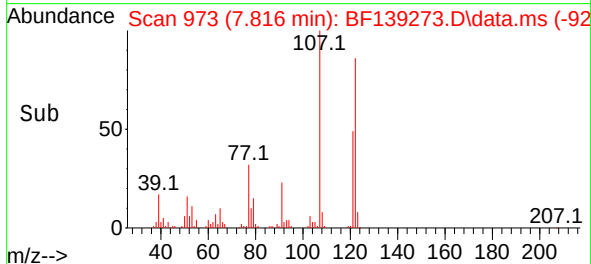
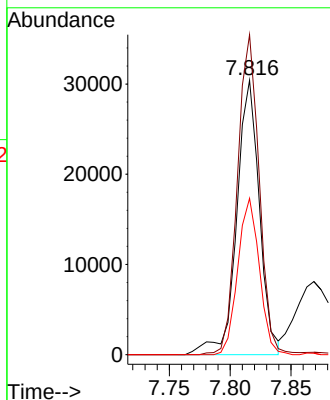
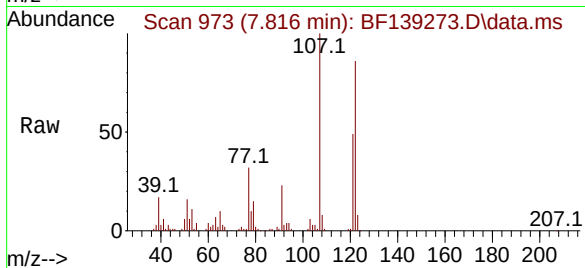




#27
2,4-Dimethylphenol
Concen: 8.265 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

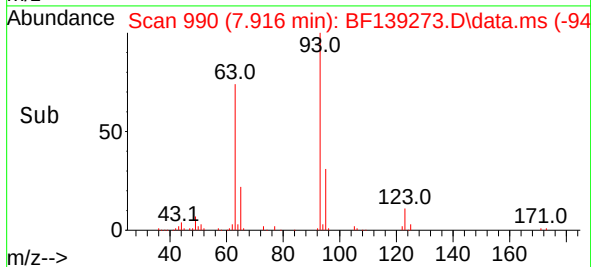
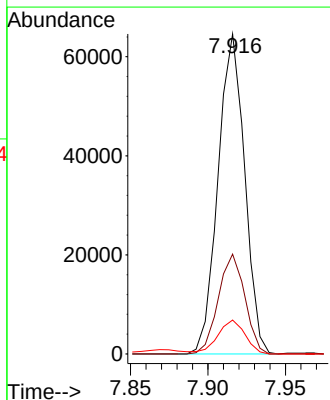
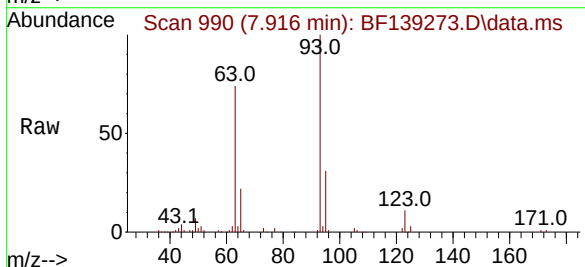
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

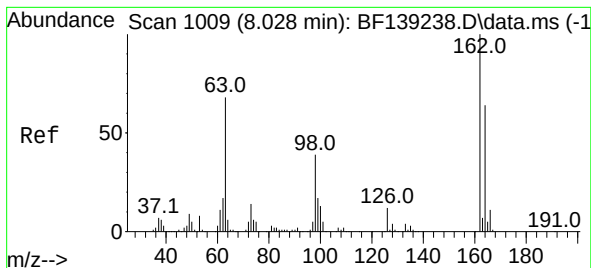
Tgt Ion:122 Resp: 39500
Ion Ratio Lower Upper
122 100
107 116.6 93.4 140.2
121 56.9 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 9.412 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion: 93 Resp: 77065
Ion Ratio Lower Upper
93 100
95 31.2 26.6 40.0
123 10.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 9.008 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

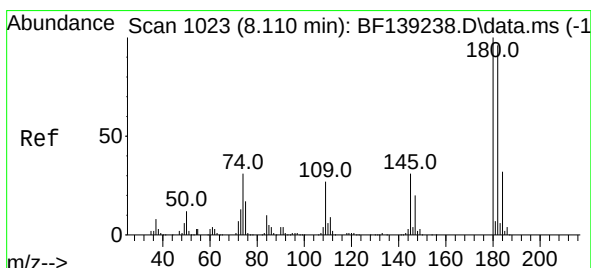
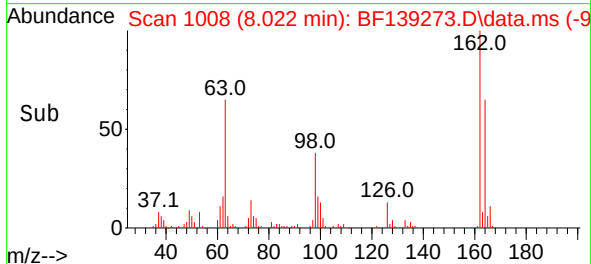
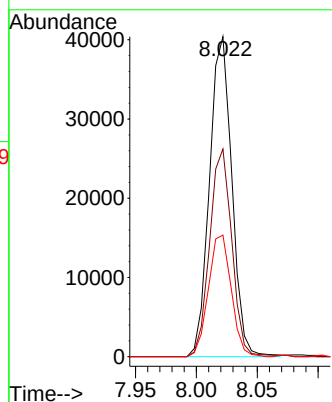
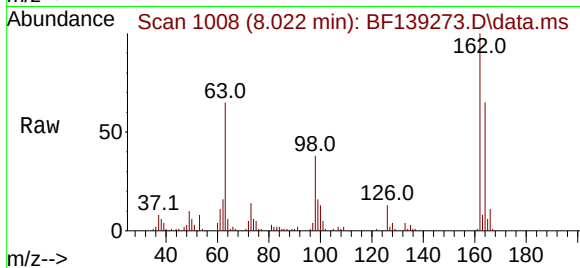
Tgt Ion:162 Resp: 51545

Ion Ratio Lower Upper

162 100

164 64.9 43.6 83.6

98 38.0 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 9.054 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

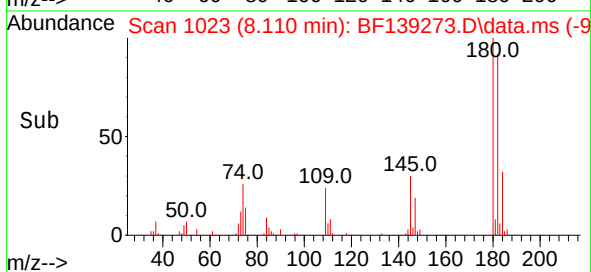
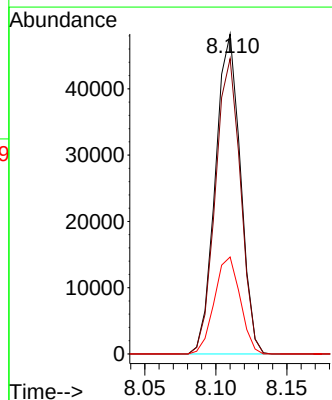
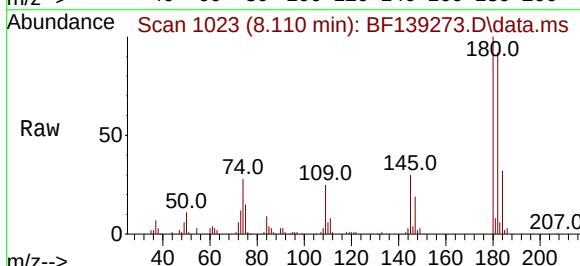
Tgt Ion:180 Resp: 59170

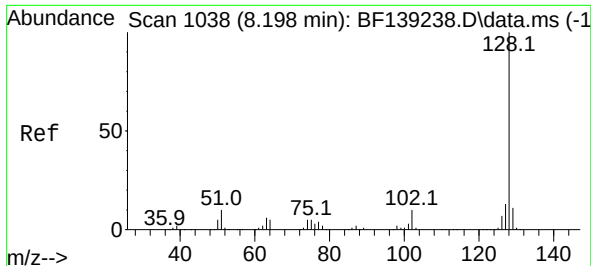
Ion Ratio Lower Upper

180 100

182 92.3 76.5 114.7

145 30.3 25.1 37.7





#31

Naphthalene

Concen: 9.385 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

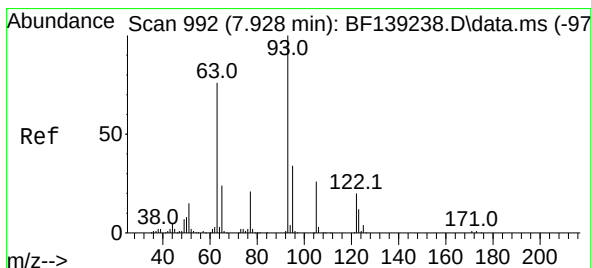
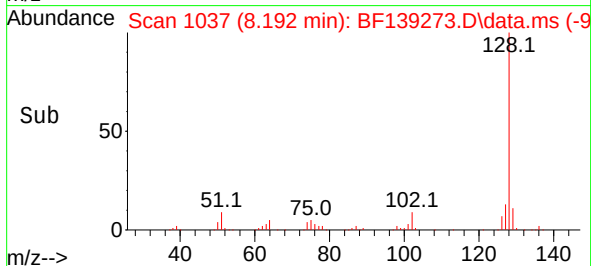
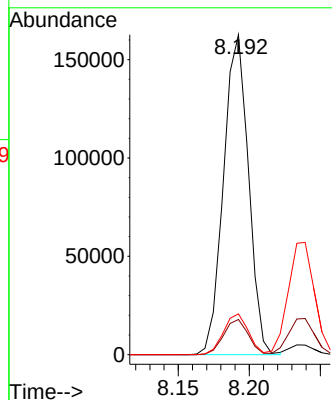
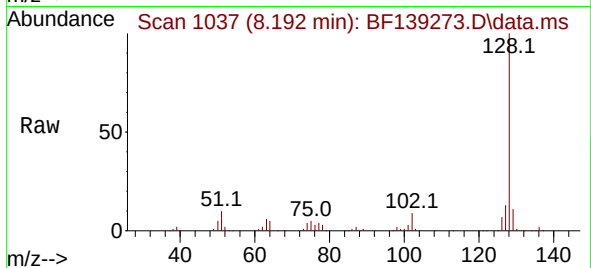
Tgt Ion:128 Resp: 198741

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.8 10.6 15.8



#32

Benzoic acid

Concen: 4.801 ng

RT: 7.869 min Scan# 982

Delta R.T. -0.059 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

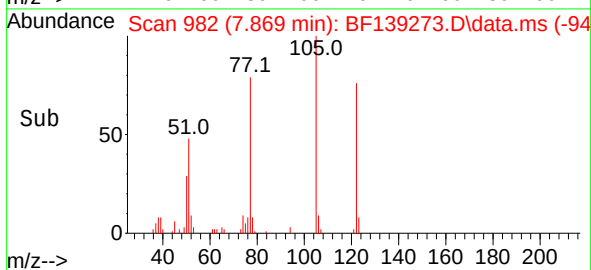
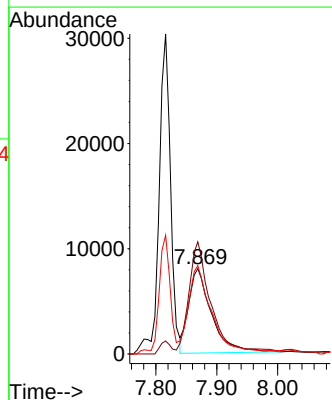
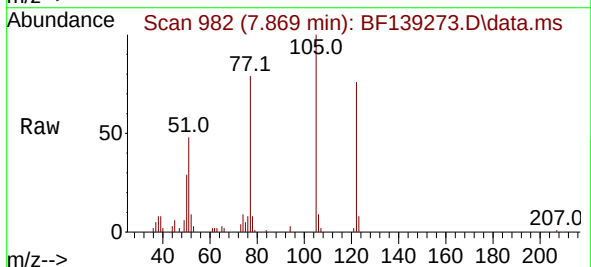
Tgt Ion:122 Resp: 20897

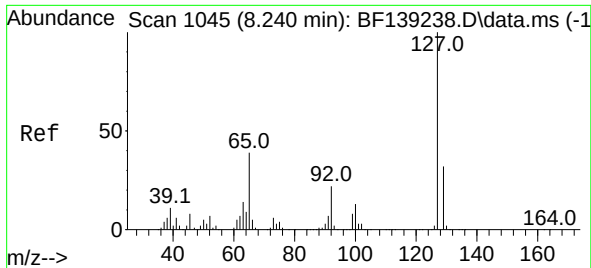
Ion Ratio Lower Upper

122 100

105 131.6 106.3 146.3

77 103.6 84.1 124.1





#33

4-Chloroaniline

Concen: 10.182 ng

RT: 8.239 min Scan# 1045

Delta R.T. -0.000 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:127 Resp: 74660

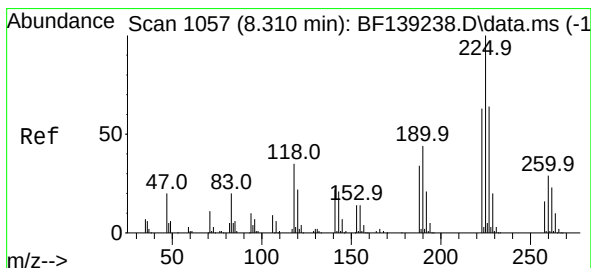
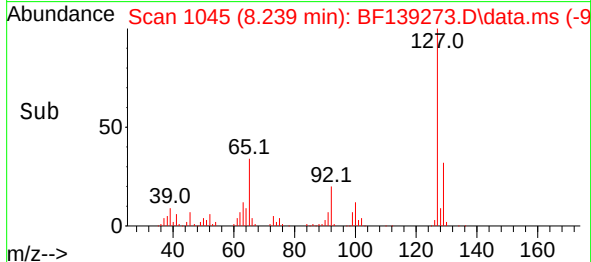
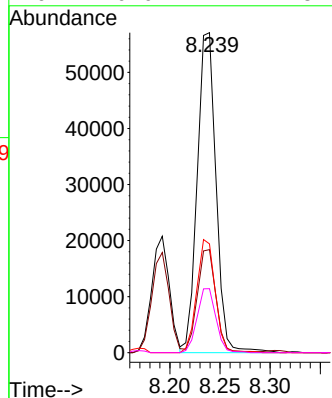
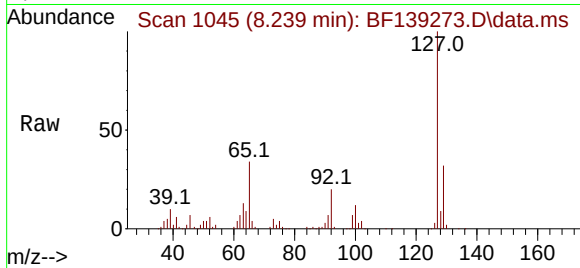
Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.6

65 34.0 30.6 45.8

92 20.0 17.2 25.8



#34

Hexachlorobutadiene

Concen: 8.665 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.000 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

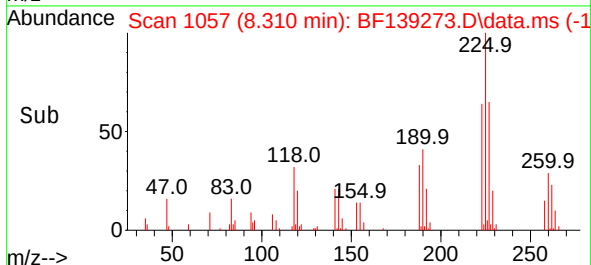
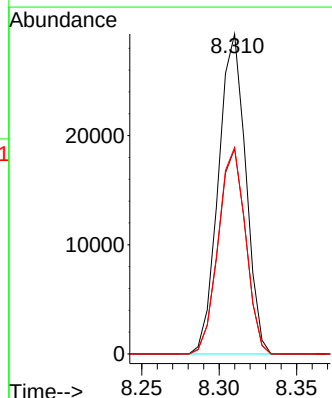
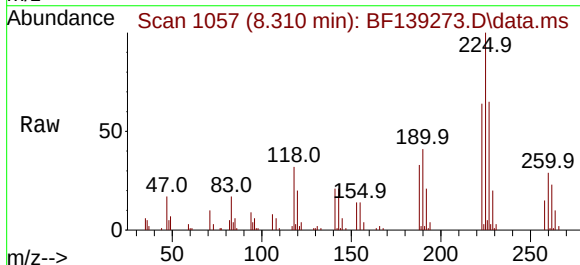
Tgt Ion:225 Resp: 35884

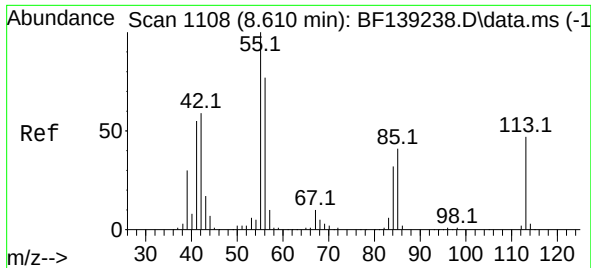
Ion Ratio Lower Upper

225 100

223 64.2 50.7 76.1

227 64.5 51.5 77.3





#35

Caprolactam

Concen: 8.329 ng

RT: 8.569 min Scan# 1108

Delta R.T. -0.041 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

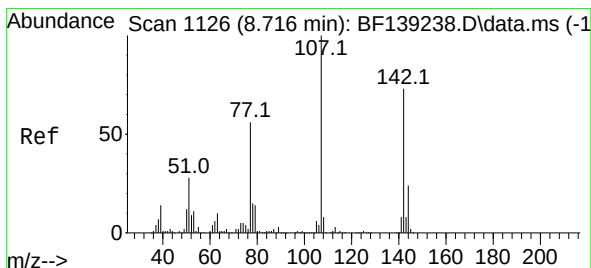
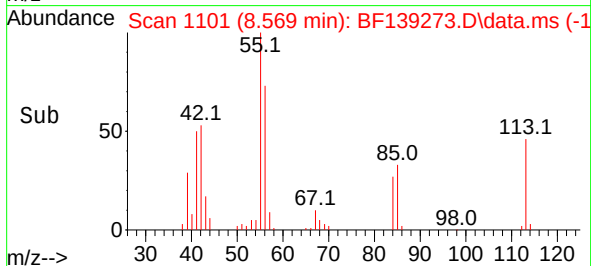
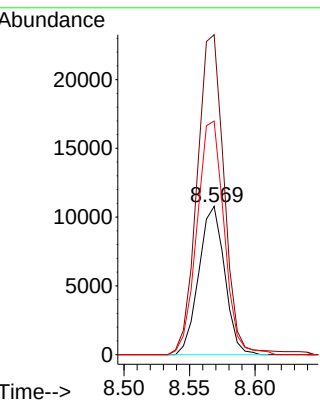
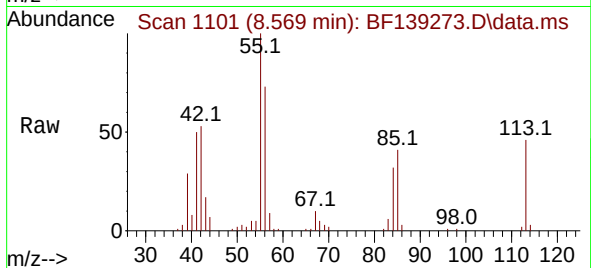
Tgt Ion:113 Resp: 14755

Ion Ratio Lower Upper

113 100

55 215.8 193.7 233.7

56 157.6 145.0 185.0



#36

4-Chloro-3-methylphenol

Concen: 8.740 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

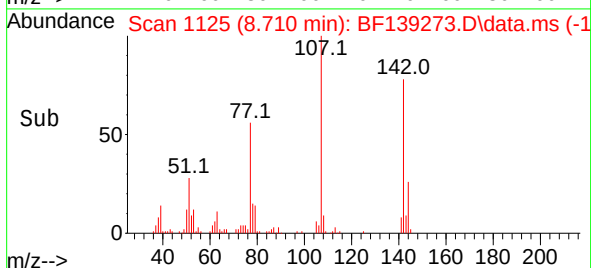
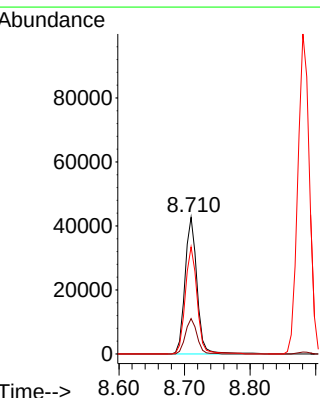
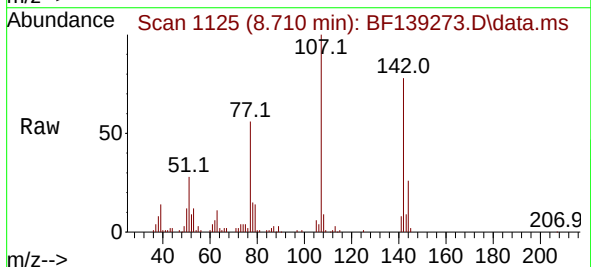
Tgt Ion:107 Resp: 54500

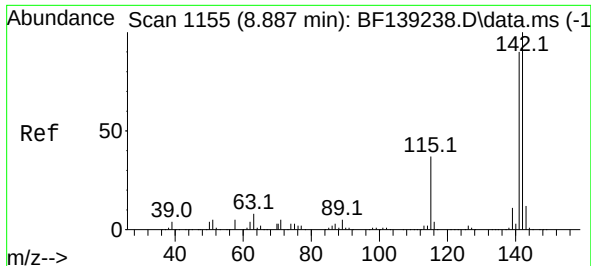
Ion Ratio Lower Upper

107 100

144 25.9 19.1 28.7

142 78.3 58.3 87.5





#37

2-Methylnaphthalene

Concen: 9.242 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

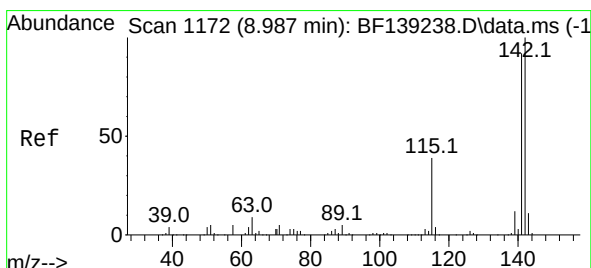
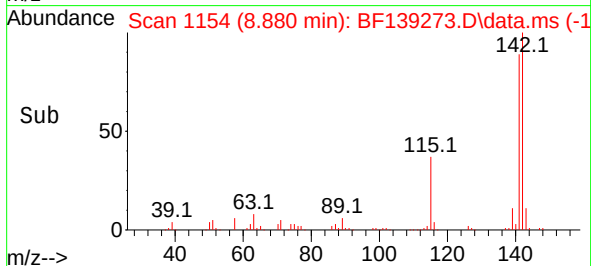
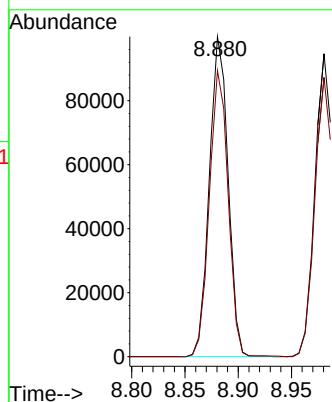
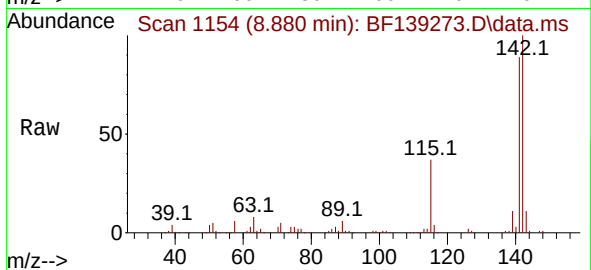
MDL-WATER-03-QT2-2024

Tgt Ion:142 Resp: 122446

Ion Ratio Lower Upper

142 100

141 89.4 71.6 107.4



#38

1-Methylnaphthalene

Concen: 8.726 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF139273.D

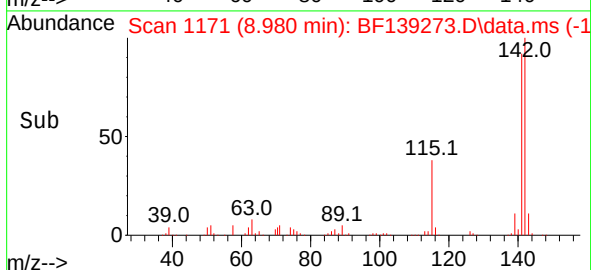
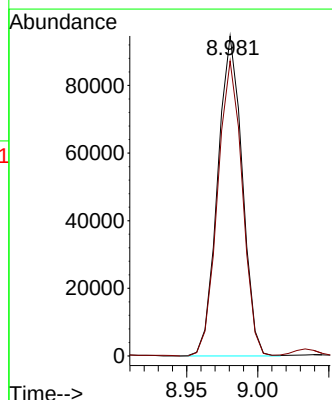
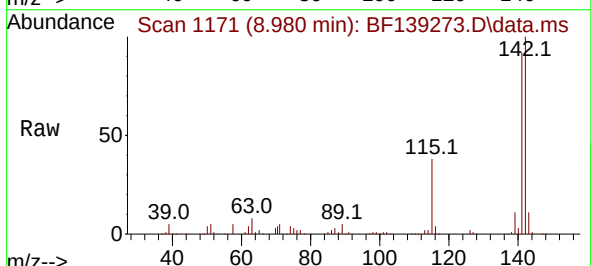
Acq: 06 Sep 2024 12:00

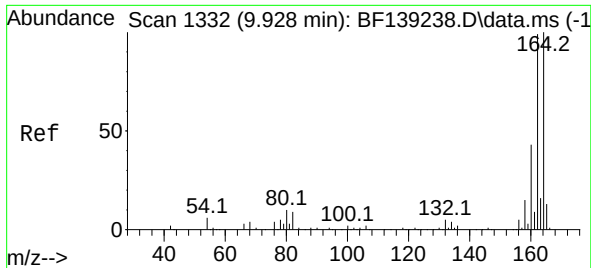
Tgt Ion:142 Resp: 113700

Ion Ratio Lower Upper

142 100

141 92.2 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

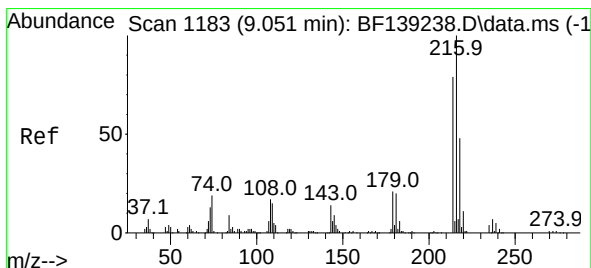
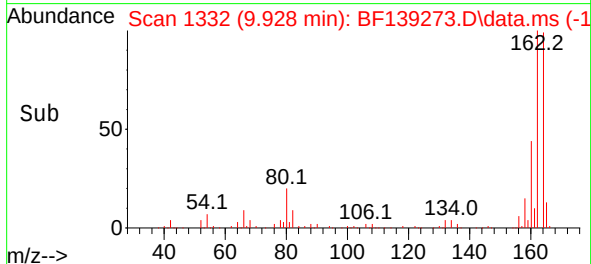
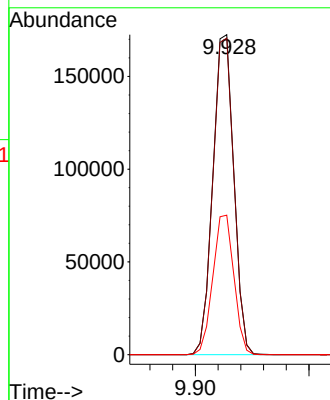
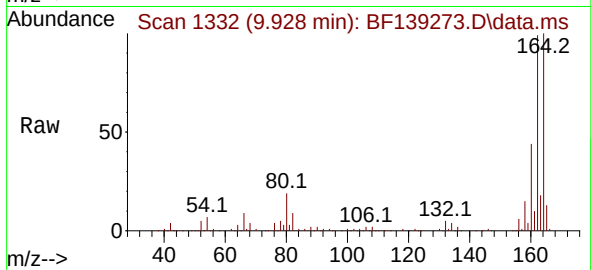
Tgt Ion:164 Resp: 221758

Ion Ratio Lower Upper

164 100

162 99.0 79.2 118.8

160 43.6 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.587 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Tgt Ion:216 Resp: 60149

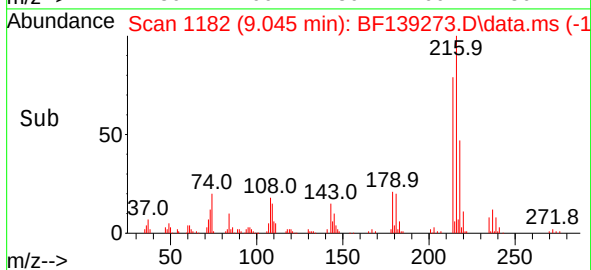
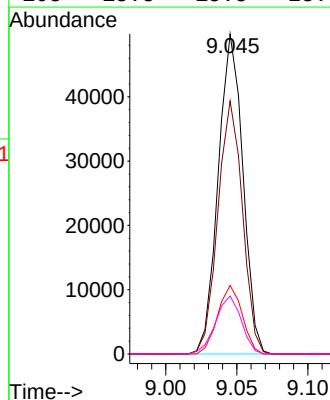
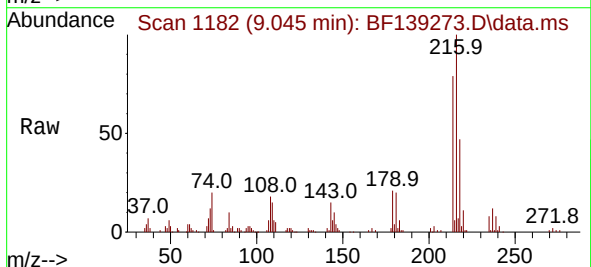
Ion Ratio Lower Upper

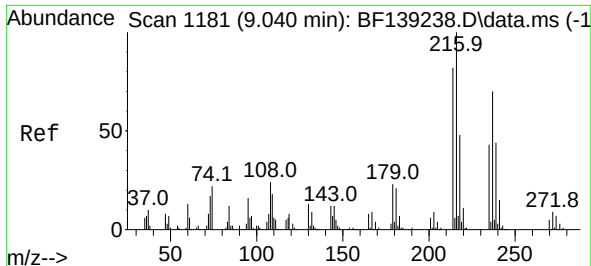
216 100

214 78.6 63.8 95.8

179 21.2 16.9 25.3

108 18.8 15.5 23.3

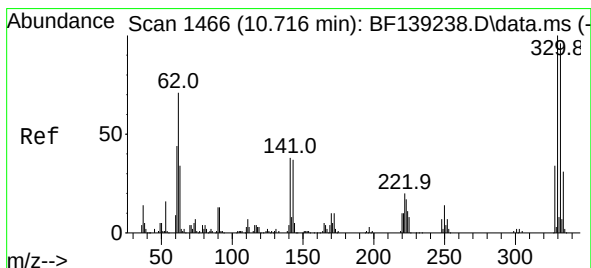
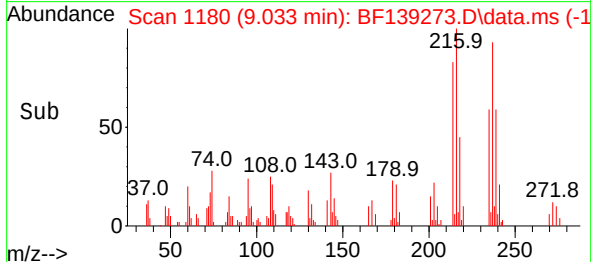
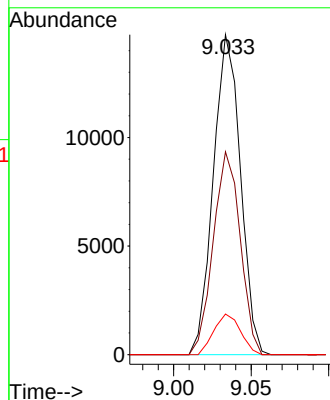
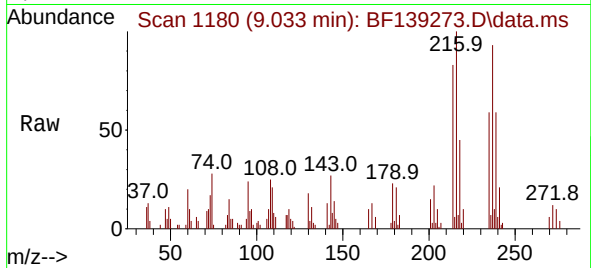




#41
Hexachlorocyclopentadiene
Concen: 8.893 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

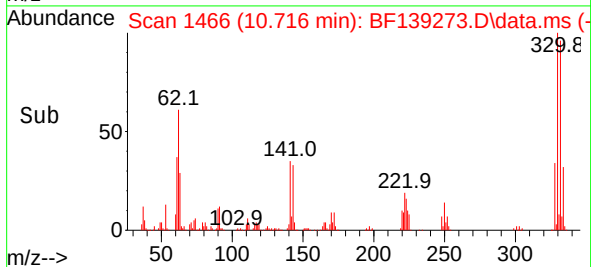
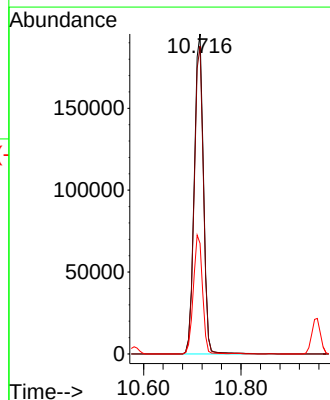
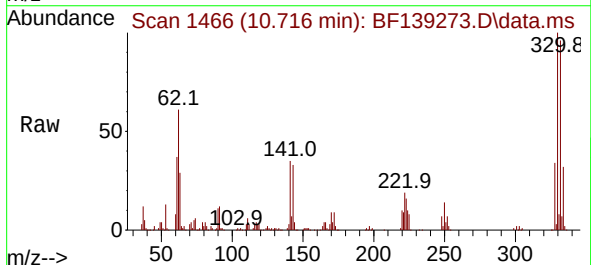
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

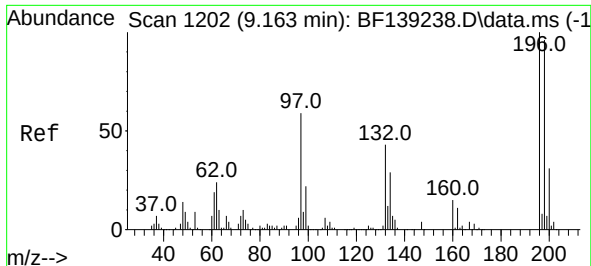
Tgt Ion:237 Resp: 17931
Ion Ratio Lower Upper
237 100
235 63.4 41.4 81.4
272 12.7 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 134.632 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion:330 Resp: 257808
Ion Ratio Lower Upper
330 100
332 95.6 76.6 115.0
141 36.8 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 9.050 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

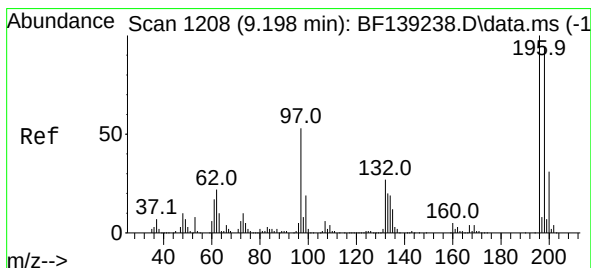
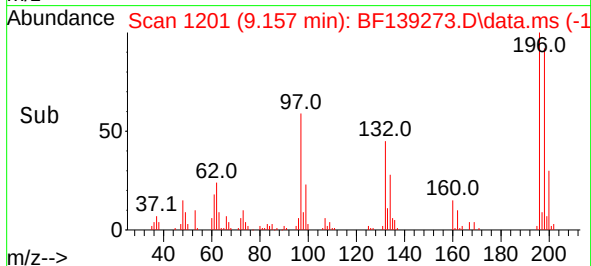
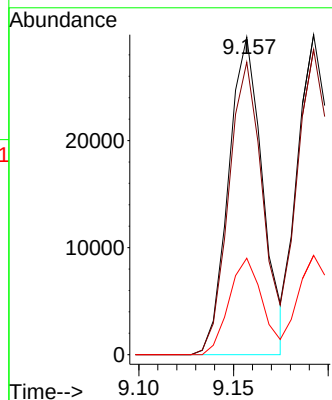
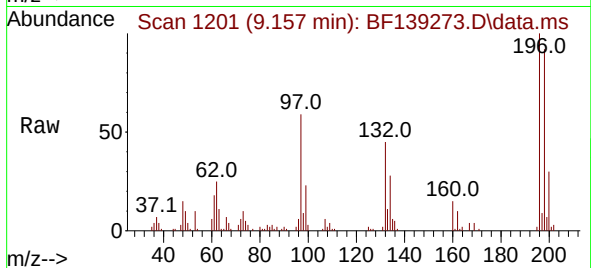
Tgt Ion:196 Resp: 37153

Ion Ratio Lower Upper

196 100

198 92.1 77.0 115.4

200 30.4 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 8.887 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Tgt Ion:196 Resp: 38232

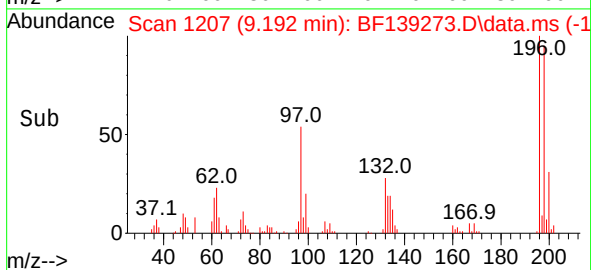
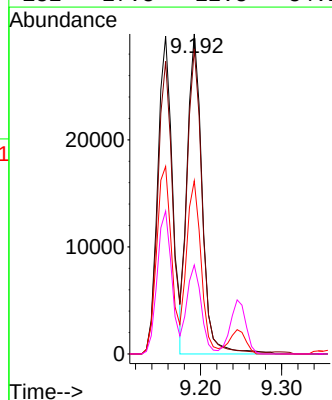
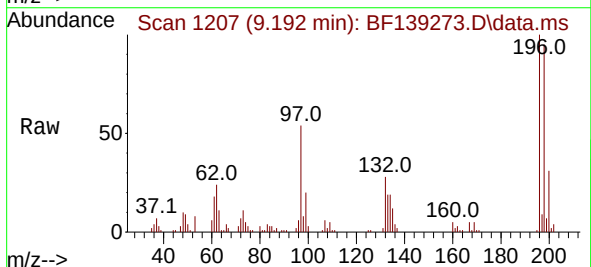
Ion Ratio Lower Upper

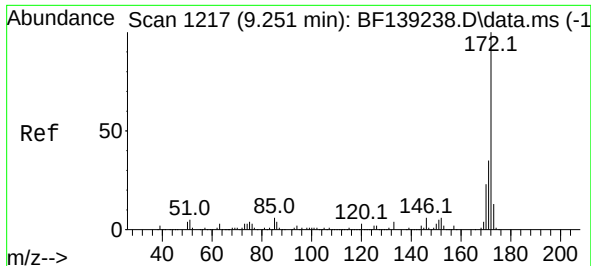
196 100

198 95.3 75.6 113.4

97 54.1 43.6 65.4

132 27.8 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 92.774 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

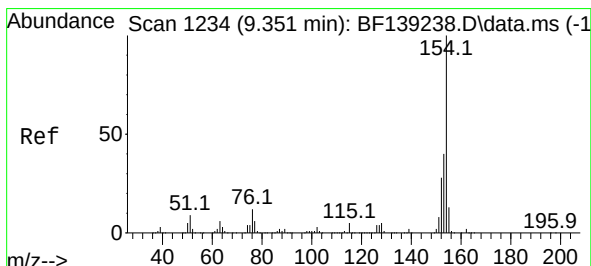
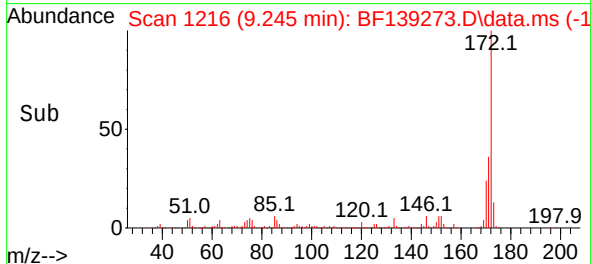
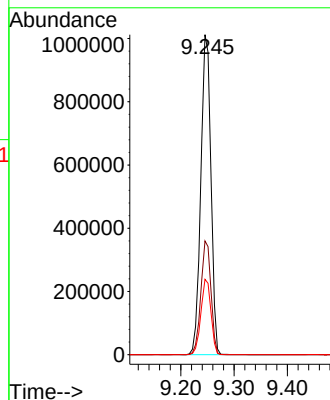
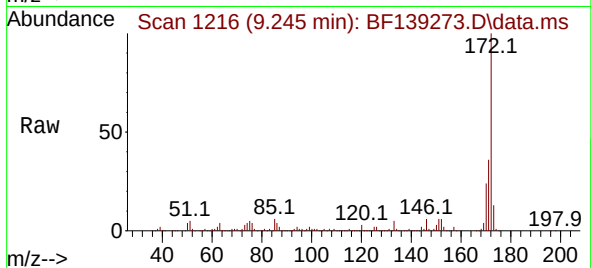
Tgt Ion:172 Resp: 1332788

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 18.7 28.1



#46

1,1'-Biphenyl

Concen: 9.809 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

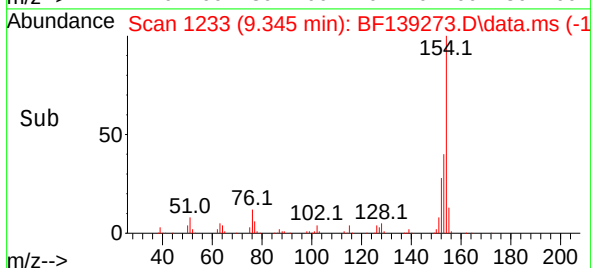
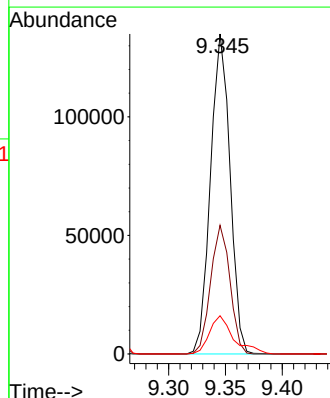
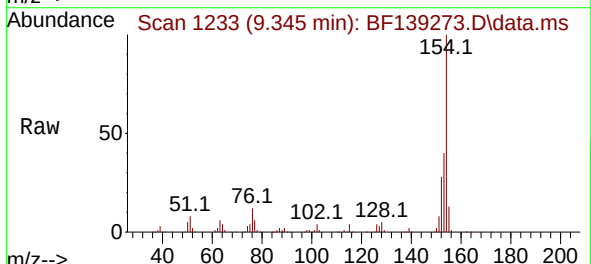
Tgt Ion:154 Resp: 161155

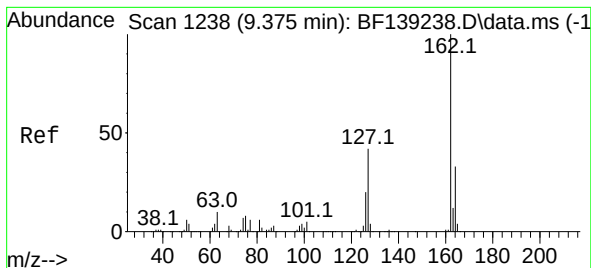
Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

76 12.0 0.0 32.3





#47

2-Chloronaphthalene

Concen: 9.280 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

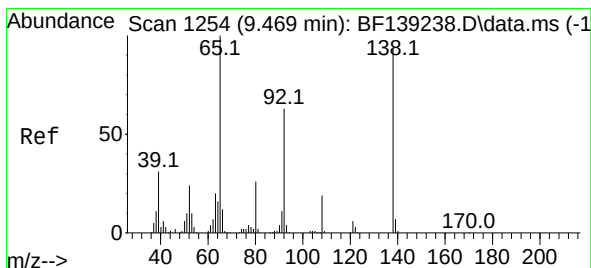
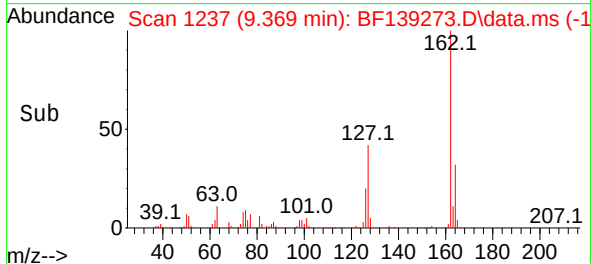
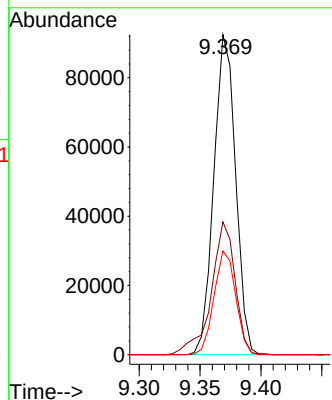
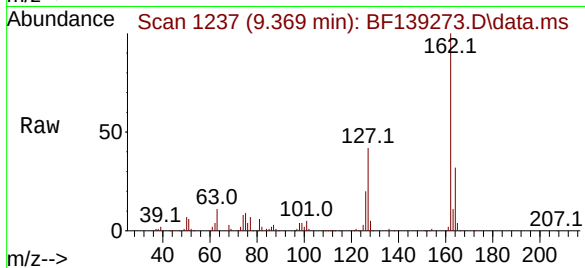
Tgt Ion:162 Resp: 115127

Ion Ratio Lower Upper

162 100

127 41.5 34.2 51.4

164 32.4 26.2 39.2



#48

2-Nitroaniline

Concen: 8.877 ng

RT: 9.463 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

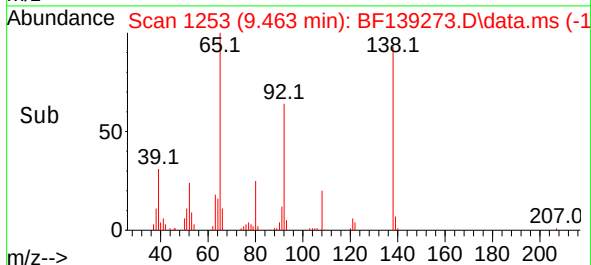
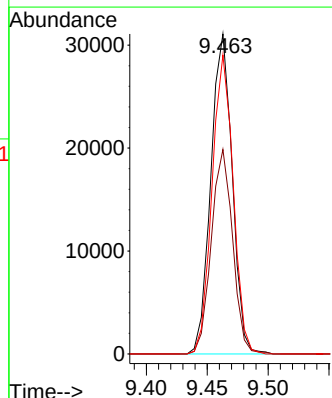
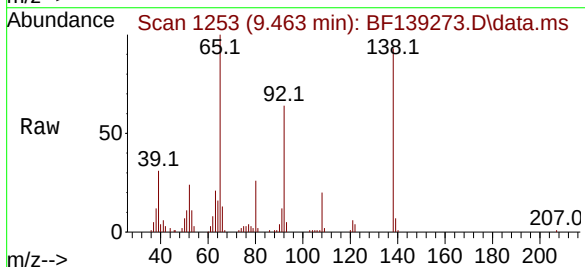
Tgt Ion: 65 Resp: 37935

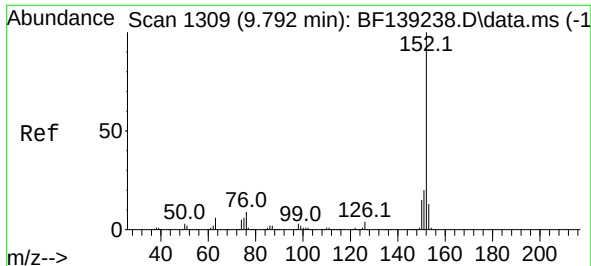
Ion Ratio Lower Upper

65 100

92 63.9 50.4 75.6

138 93.4 74.2 111.4





#49

Acenaphthylene

Concen: 10.059 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

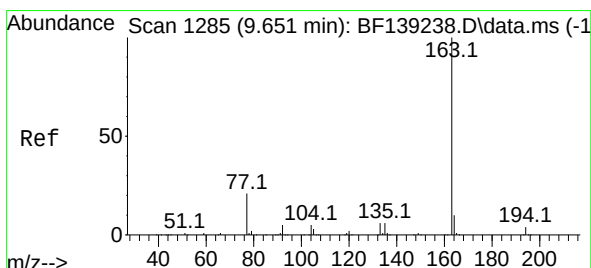
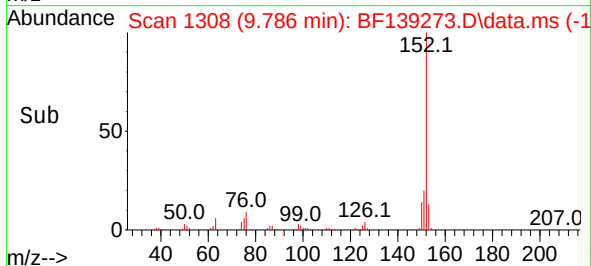
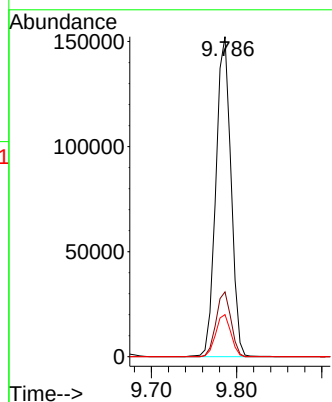
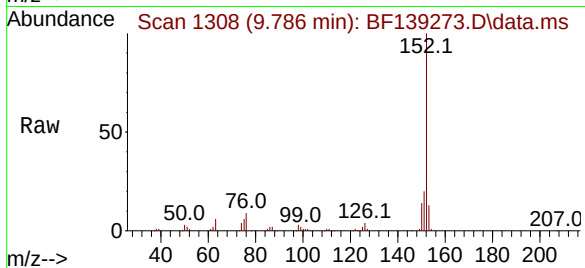
Tgt Ion:152 Resp: 187961

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 9.675 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

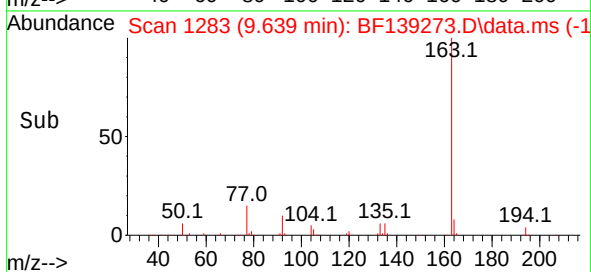
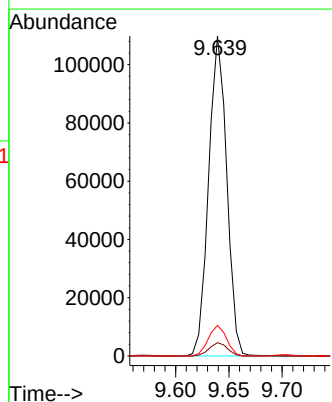
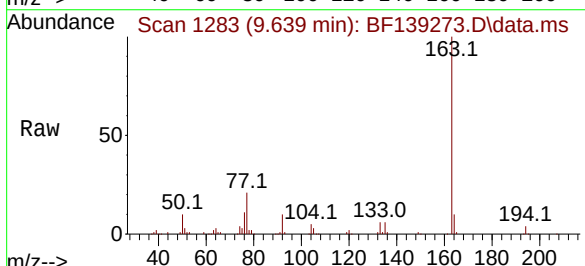
Tgt Ion:163 Resp: 130042

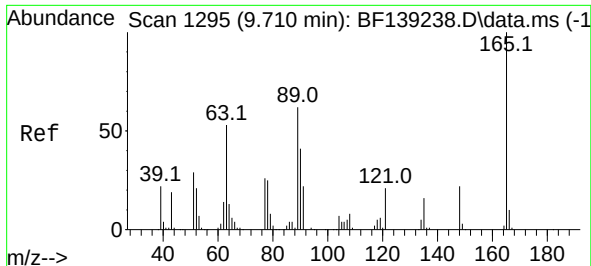
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 9.6 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 8.586 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

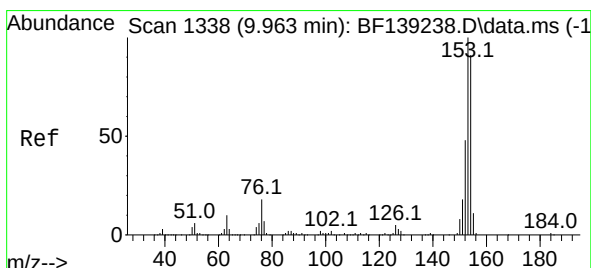
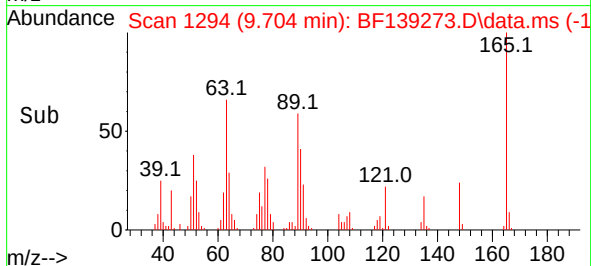
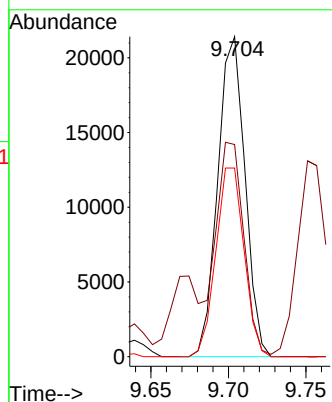
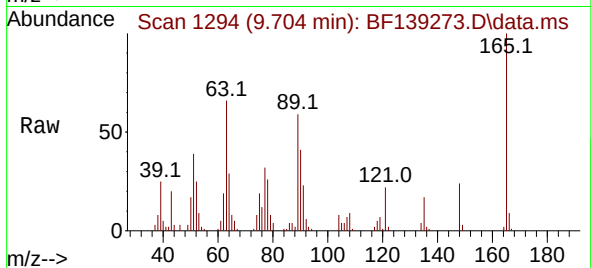
Tgt Ion:165 Resp: 26181

Ion Ratio Lower Upper

165 100

63 66.3 56.1 84.1

89 59.0 49.7 74.5



#52

Acenaphthene

Concen: 9.013 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

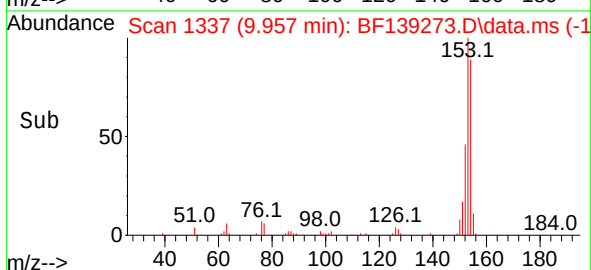
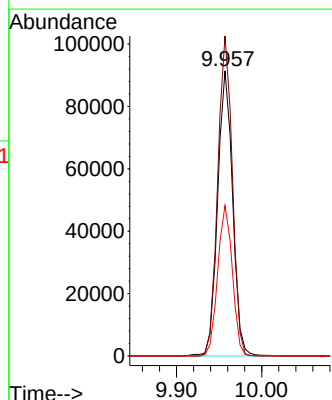
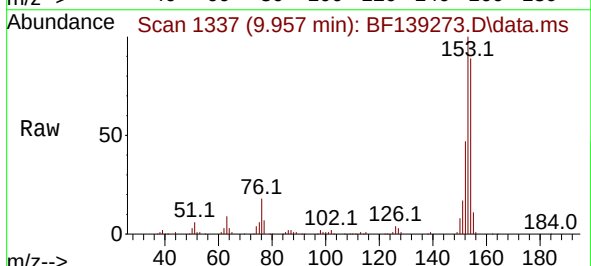
Tgt Ion:154 Resp: 111699

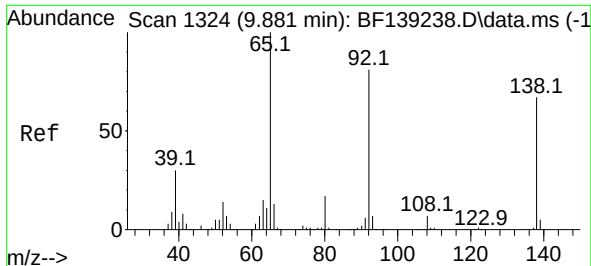
Ion Ratio Lower Upper

154 100

153 112.2 87.8 131.6

152 52.7 41.7 62.5





#53

3-Nitroaniline

Concen: 9.108 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

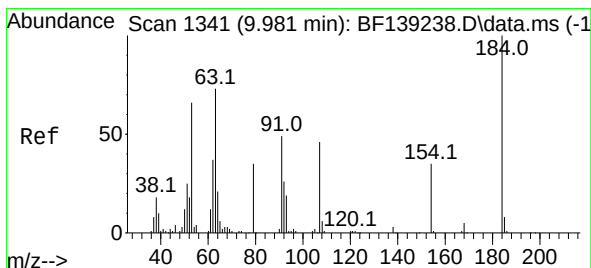
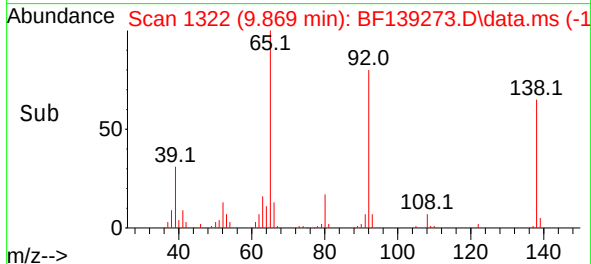
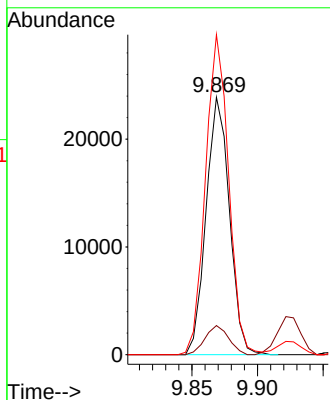
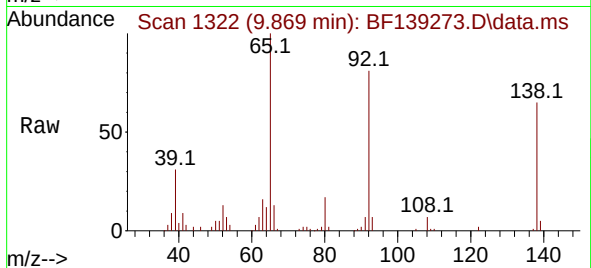
Tgt Ion:138 Resp: 29589

Ion Ratio Lower Upper

138 100

108 11.3 8.6 13.0

92 124.3 96.4 144.6



#54

2,4-Dinitrophenol

Concen: 10.239 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

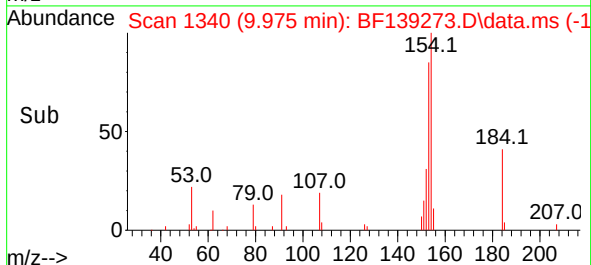
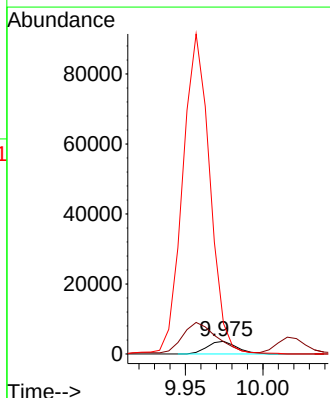
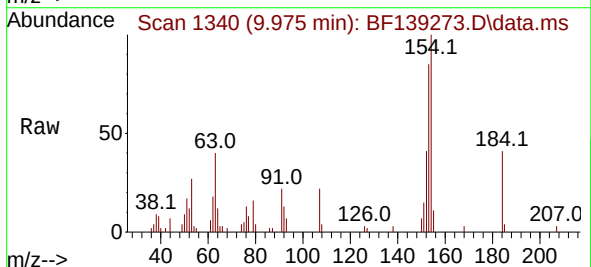
Tgt Ion:184 Resp: 4784

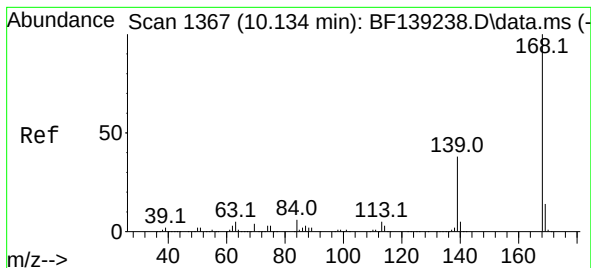
Ion Ratio Lower Upper

184 100

63 97.0 66.4 99.6

154 241.0 97.0 145.6#





#55

Dibenzenofuran

Concen: 9.840 ng

RT: 10.127 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

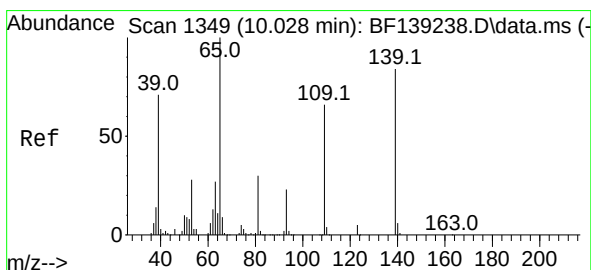
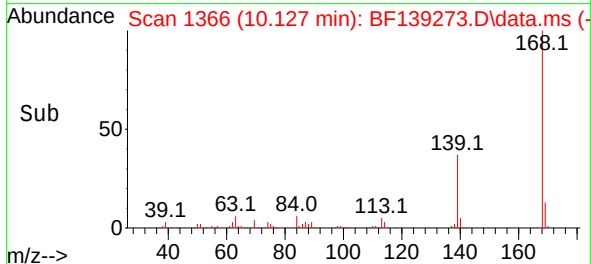
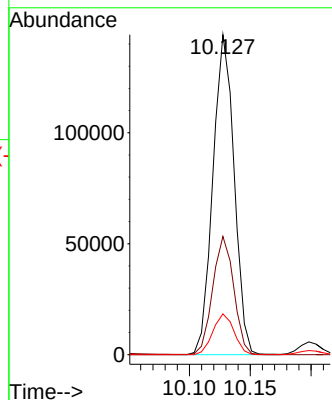
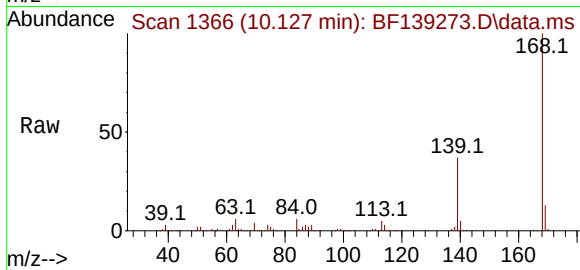
Tgt Ion:168 Resp: 174849

Ion Ratio Lower Upper

168 100

139 36.9 30.2 45.4

169 12.7 10.8 16.2



#56

4-Nitrophenol

Concen: 7.323 ng

RT: 10.016 min Scan# 1347

Delta R.T. -0.012 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

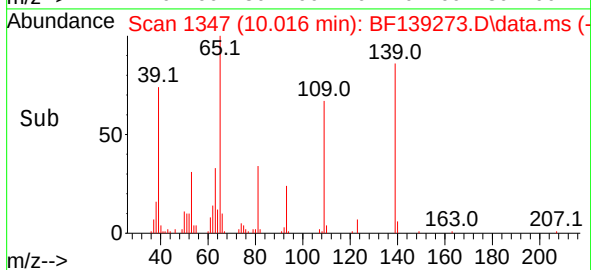
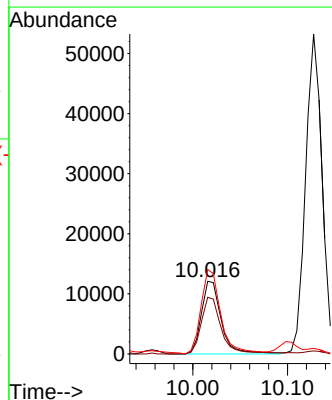
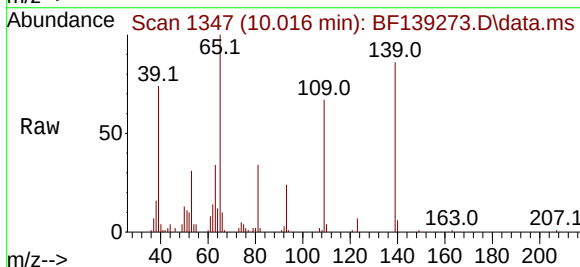
Tgt Ion:139 Resp: 17560

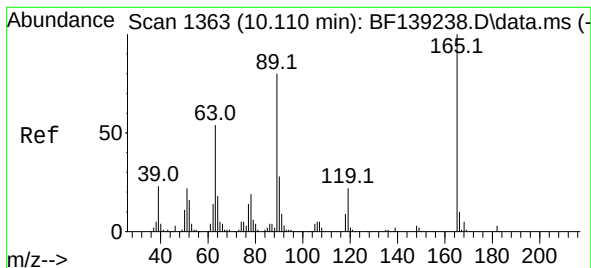
Ion Ratio Lower Upper

139 100

109 77.9 58.7 98.7

65 116.4 100.3 140.3





#57

2,4-Dinitrotoluene

Concen: 8.287 ng

RT: 10.104 min Scan# 1410

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:165 Resp: 32162

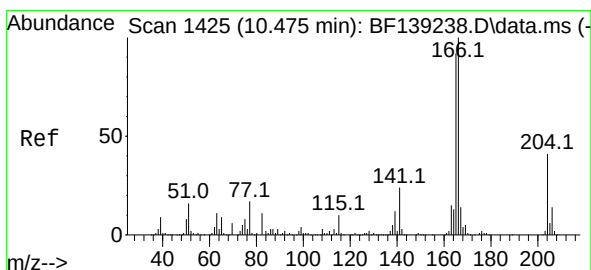
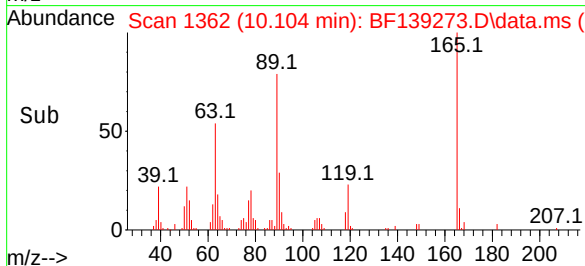
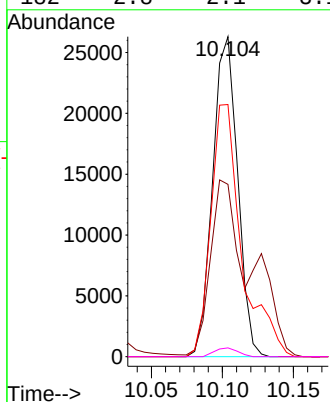
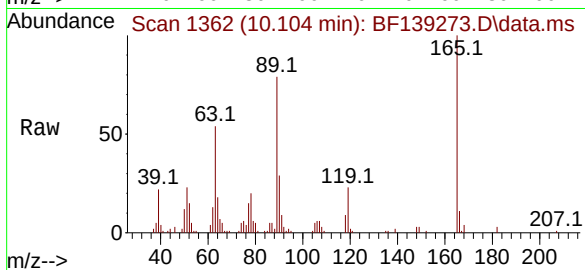
Ion Ratio Lower Upper

165 100

63 53.9 43.4 65.0

89 78.8 64.2 96.4

182 2.8 2.1 3.1



#58

Fluorene

Concen: 9.855 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

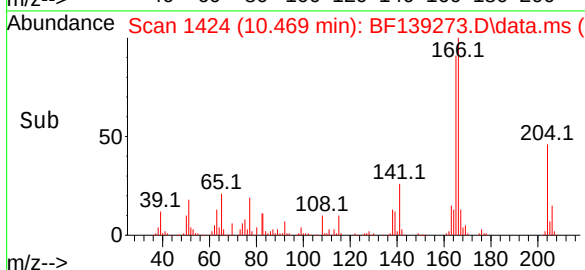
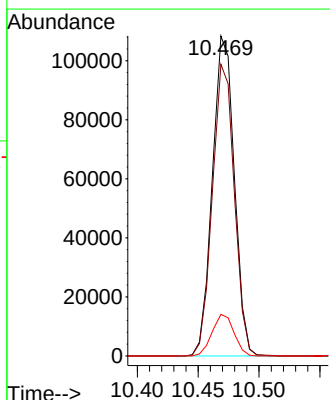
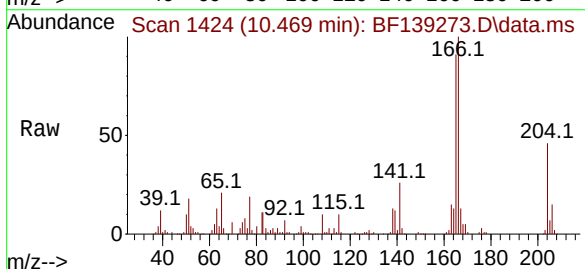
Tgt Ion:166 Resp: 135762

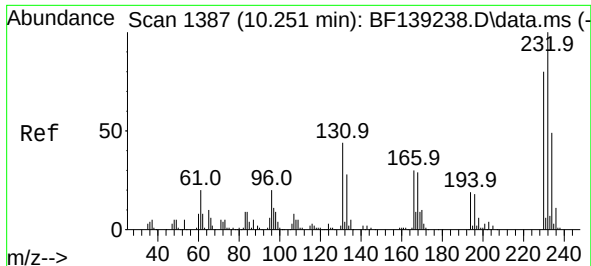
Ion Ratio Lower Upper

166 100

165 91.2 73.7 110.5

167 13.0 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.253 ng

RT: 10.239 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:232 Resp: 31333

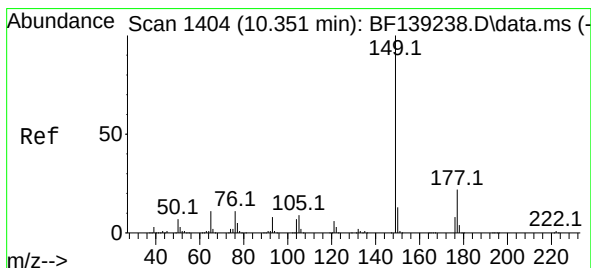
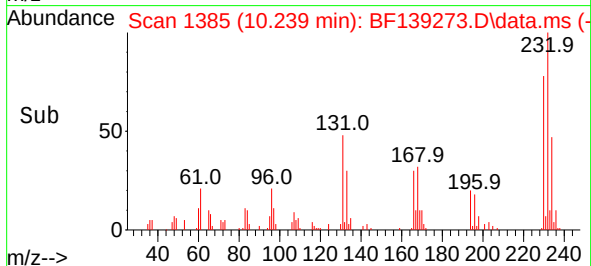
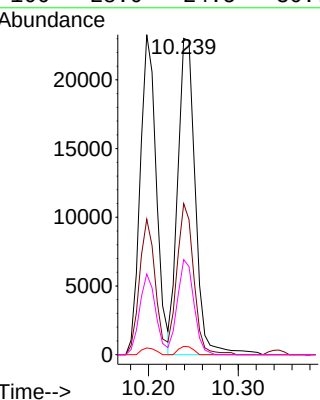
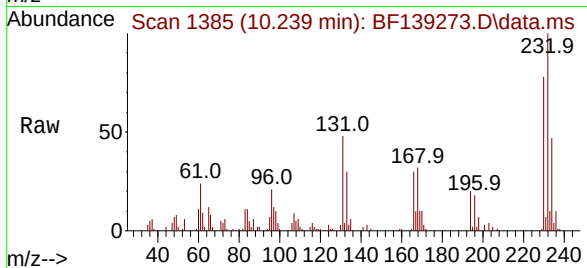
Ion Ratio Lower Upper

232 100

131 45.0 37.7 56.5

130 2.1 1.9 2.9

166 28.0 24.5 36.7



#60

Diethylphthalate

Concen: 9.356 ng

RT: 10.339 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

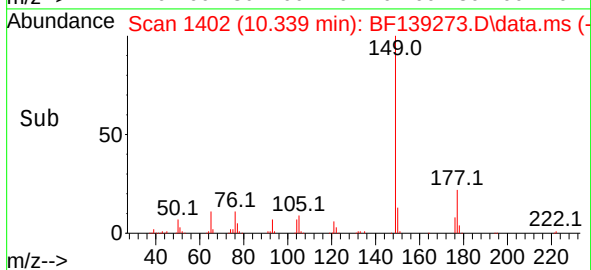
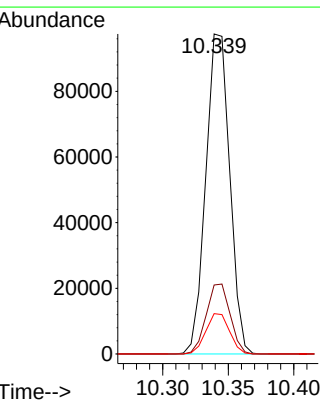
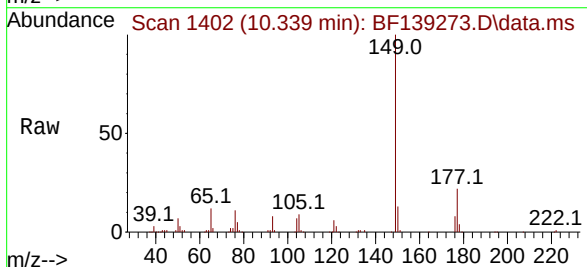
Tgt Ion:149 Resp: 123751

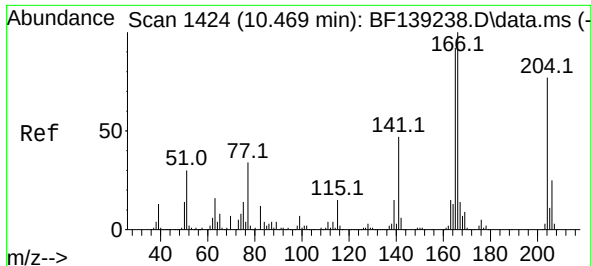
Ion Ratio Lower Upper

149 100

177 21.6 17.7 26.5

150 12.6 10.2 15.2





#61

4-Chlorophenyl-phenylether

Concen: 9.610 ng

RT: 10.463 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

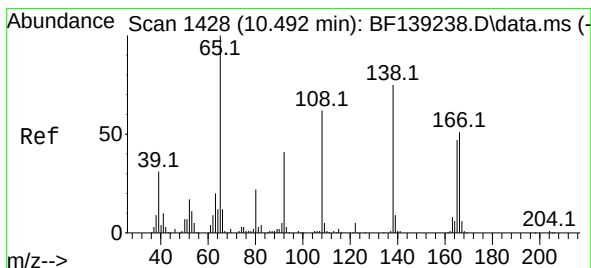
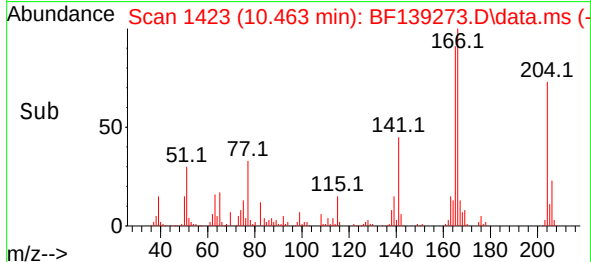
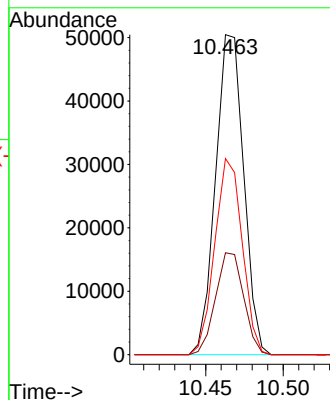
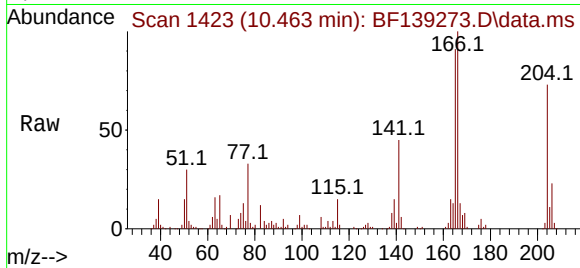
Tgt Ion:204 Resp: 63848

Ion Ratio Lower Upper

204 100

206 31.9 25.8 38.8

141 61.3 48.6 72.8



#62

4-Nitroaniline

Concen: 8.397 ng

RT: 10.475 min Scan# 1425

Delta R.T. -0.018 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

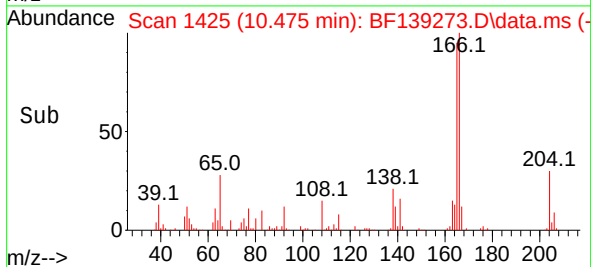
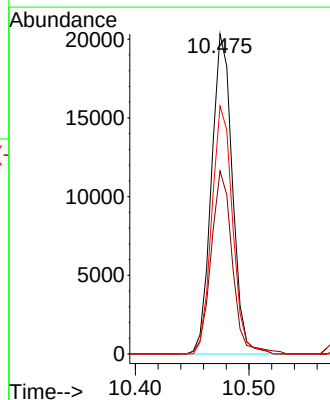
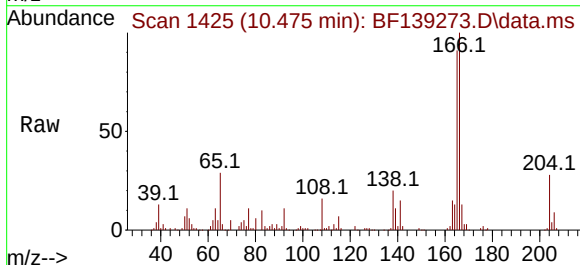
Tgt Ion:138 Resp: 25967

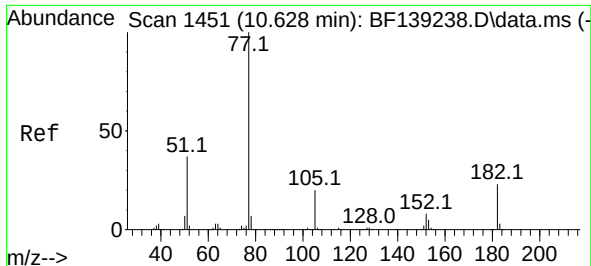
Ion Ratio Lower Upper

138 100

92 57.1 34.4 74.4

108 77.5 62.7 102.7

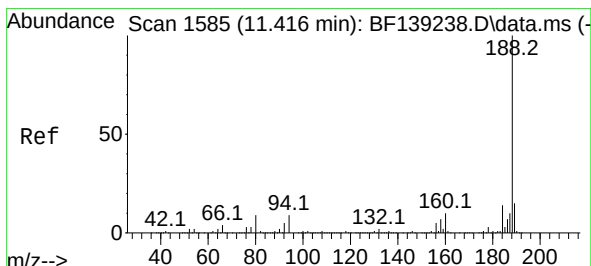
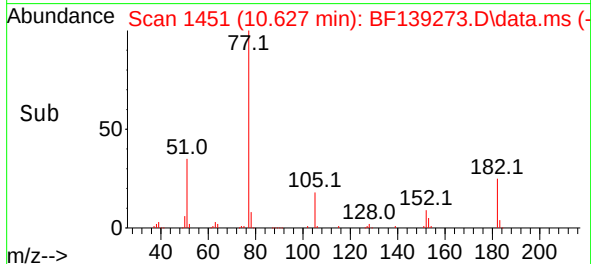
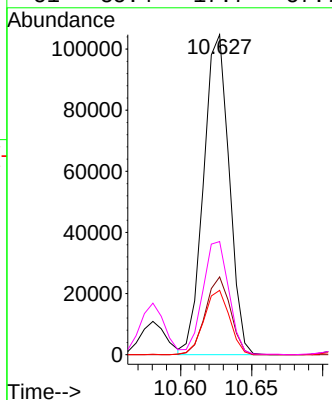
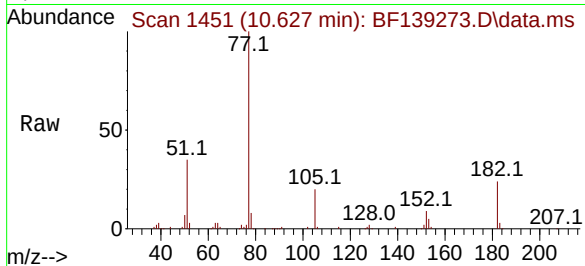




#63
Azobenzene
Concen: 9.416 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

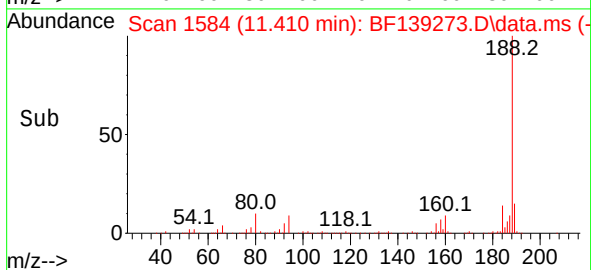
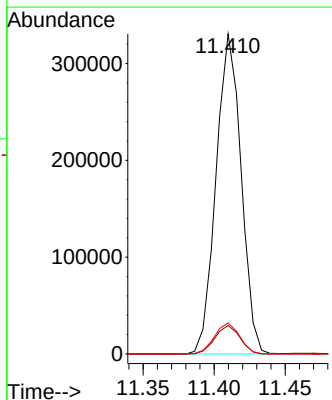
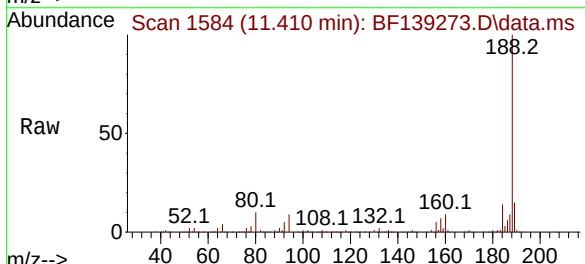
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2024

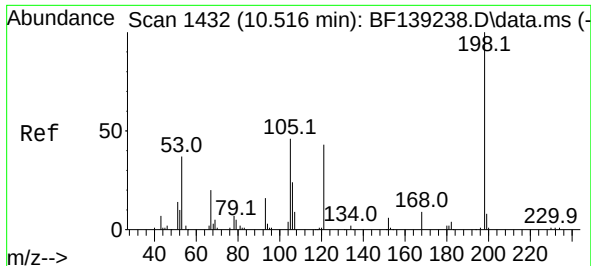
Tgt Ion:	77	Resp:	131263
Ion	Ratio	Lower	Upper
77	100		
182	24.3	3.0	43.0
105	20.1	0.0	39.4
51	35.4	17.7	57.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion:	188	Resp:	405003
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	9.7	7.3	10.9





#65

4,6-Dinitro-2-methylphenol

Concen: 5.460 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

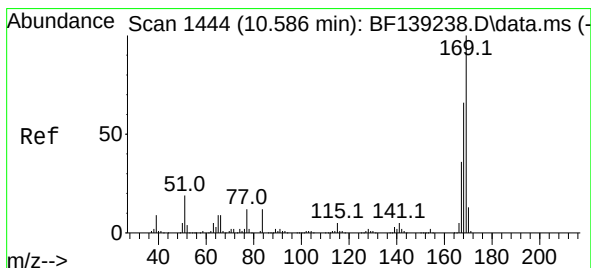
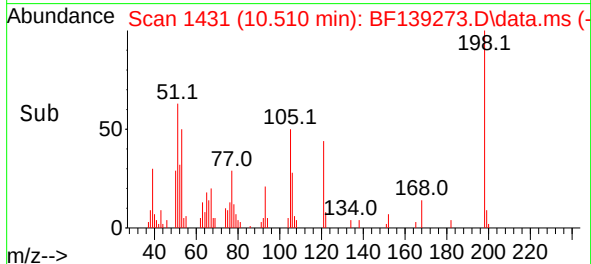
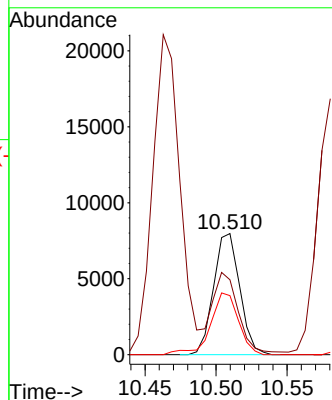
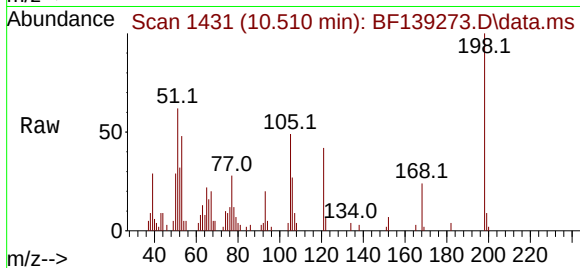
Tgt Ion:198 Resp: 10218

Ion Ratio Lower Upper

198 100

51 61.7 47.2 87.2

105 48.8 27.1 67.1



#66

n-Nitrosodiphenylamine

Concen: 9.450 ng

RT: 10.580 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

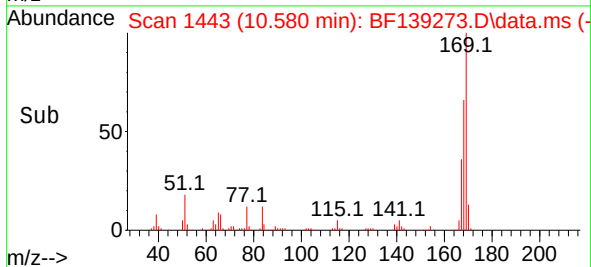
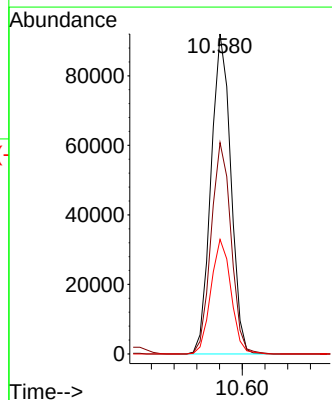
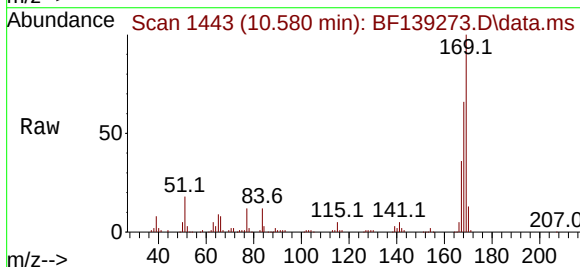
Tgt Ion:169 Resp: 111403

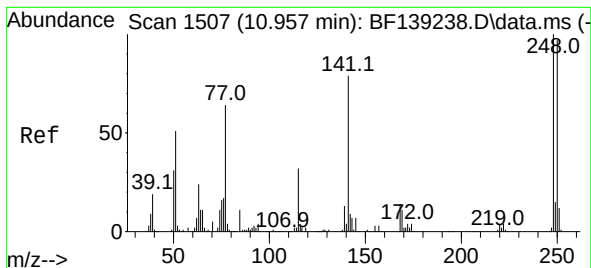
Ion Ratio Lower Upper

169 100

168 66.1 53.0 79.6

167 35.8 29.0 43.6

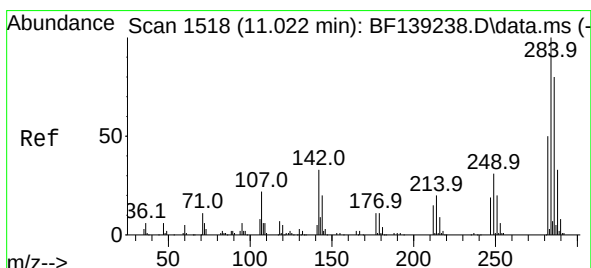
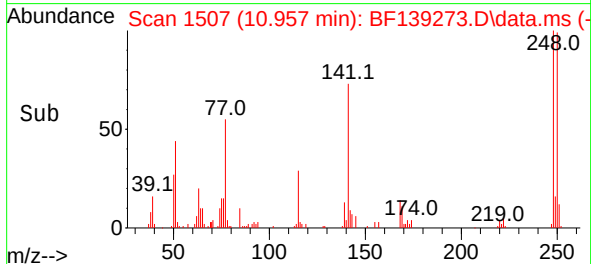
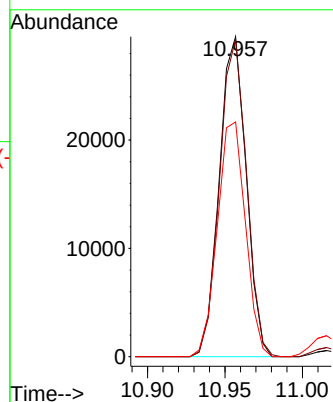
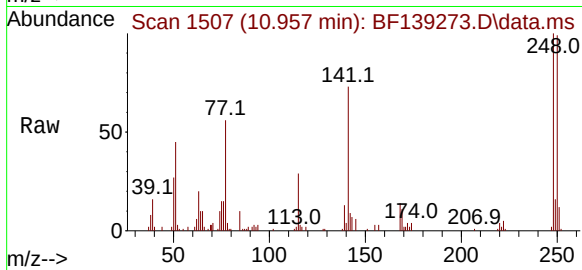




#67
4-Bromophenyl-phenylether
Concen: 9.094 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

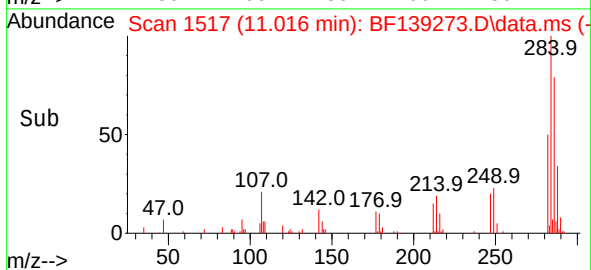
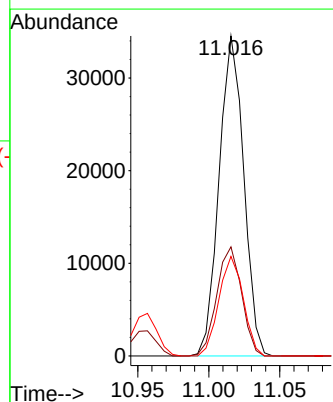
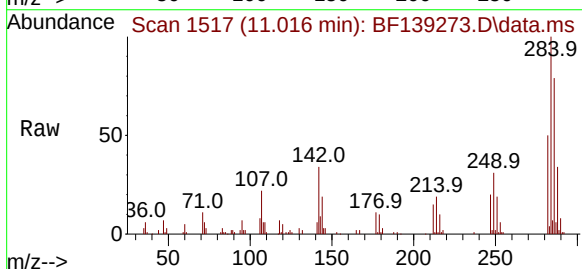
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

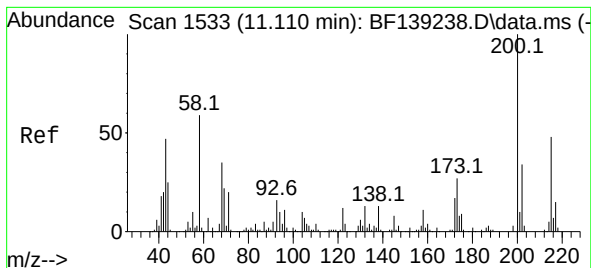
Tgt Ion:248 Resp: 35735
Ion Ratio Lower Upper
248 100
250 99.2 77.2 115.8
141 73.4 63.6 95.4



#68
Hexachlorobenzene
Concen: 9.253 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion:284 Resp: 41622
Ion Ratio Lower Upper
284 100
142 34.1 26.5 39.7
249 31.1 24.8 37.2





#69

Atrazine

Concen: 11.708 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

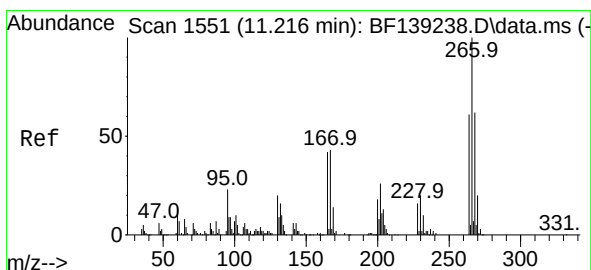
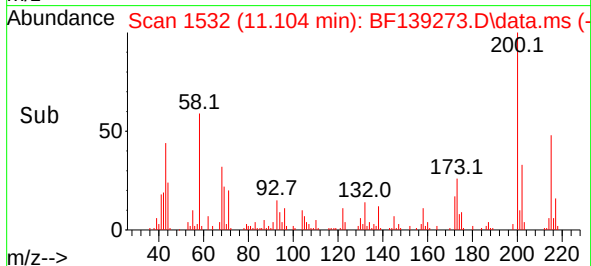
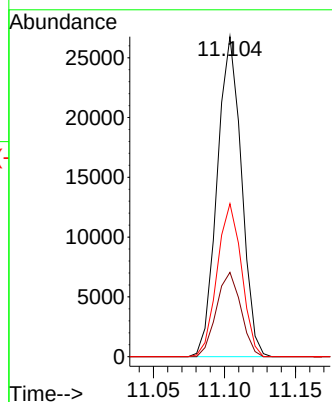
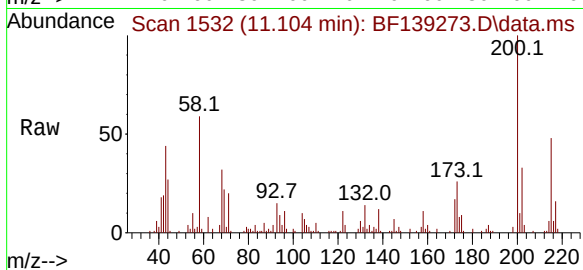
Tgt Ion:200 Resp: 31844

Ion Ratio Lower Upper

200 100

173 26.3 7.1 47.1

215 47.8 28.5 68.5



#70

Pentachlorophenol

Concen: 6.455 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

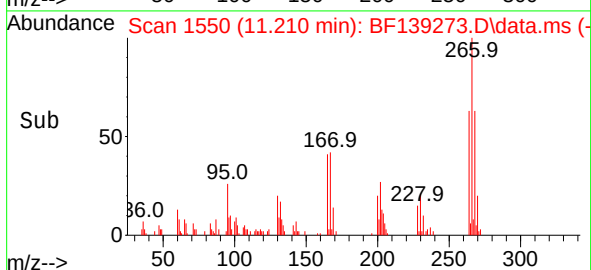
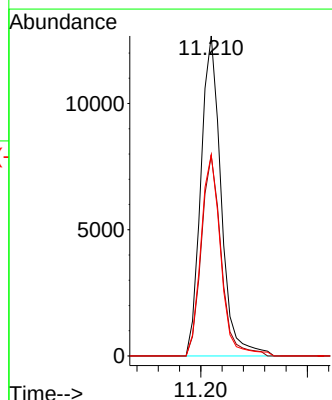
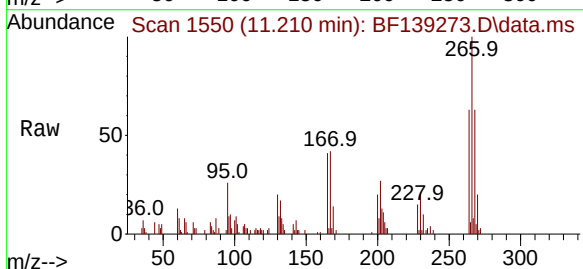
Tgt Ion:266 Resp: 16774

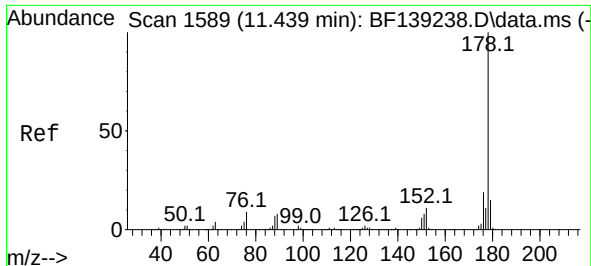
Ion Ratio Lower Upper

266 100

268 62.6 49.7 74.5

264 62.9 49.2 73.8

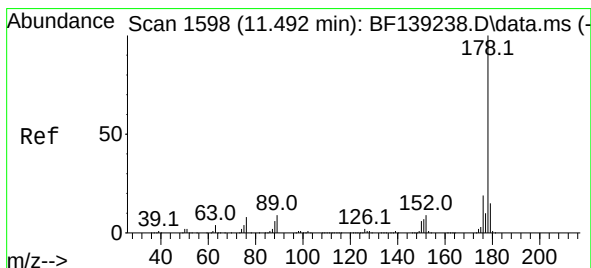
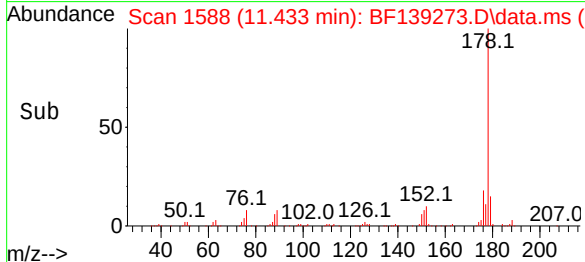
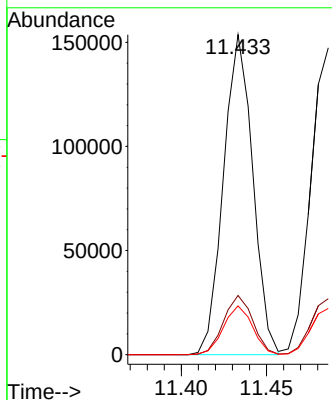
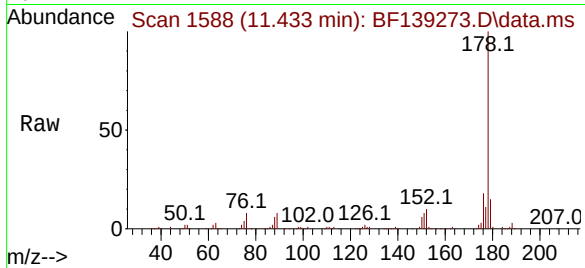




#71
Phenanthrene
Concen: 9.707 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

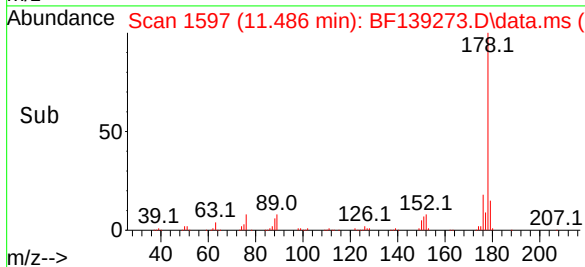
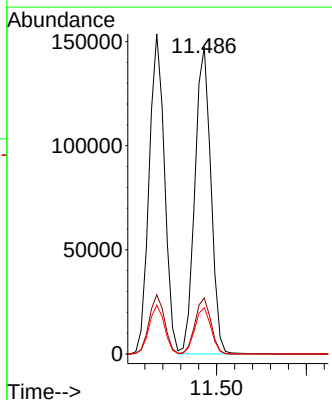
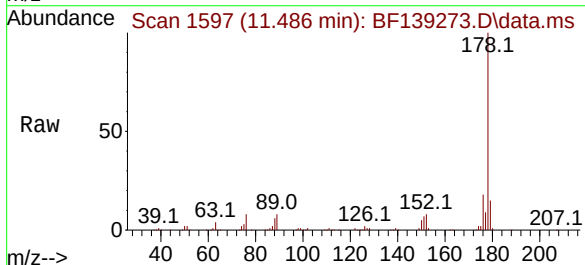
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

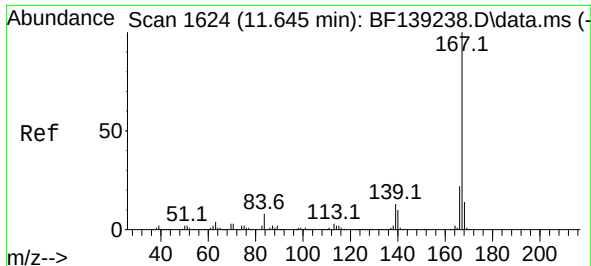
Tgt Ion:178 Resp: 183658
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.3 12.3 18.5



#72
Anthracene
Concen: 9.864 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion:178 Resp: 182309
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.1 12.3 18.5

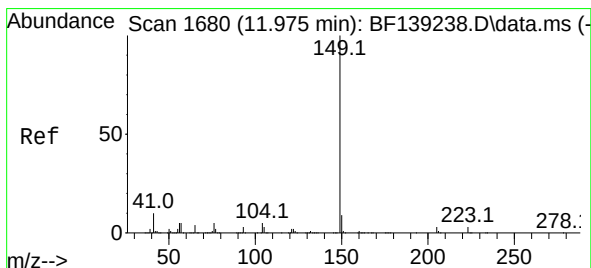
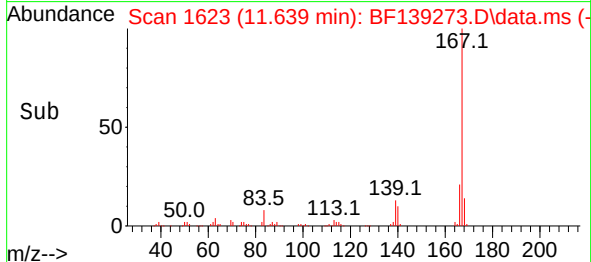
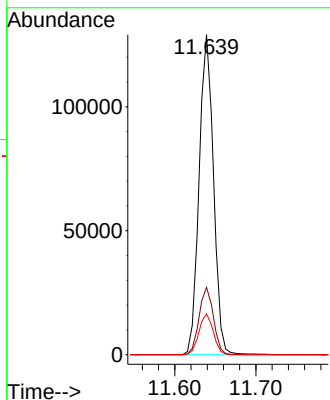
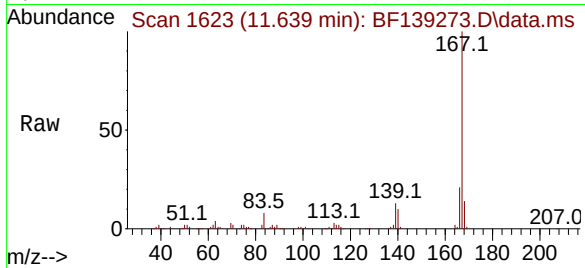




#73
Carbazole
Concen: 9.197 ng
RT: 11.639 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

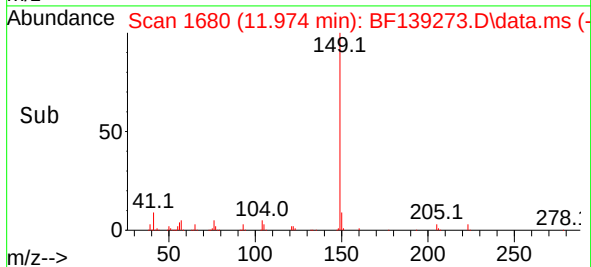
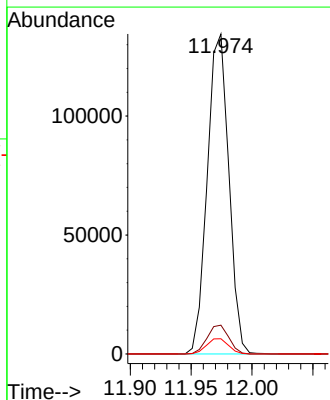
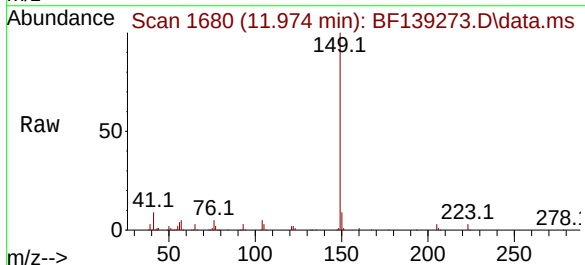
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

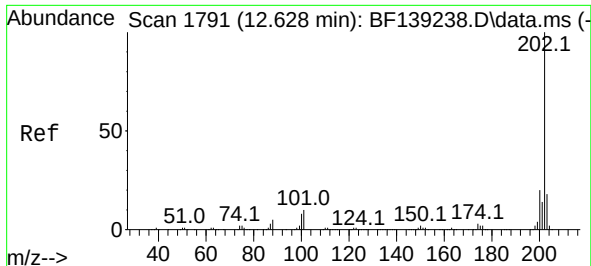
Tgt Ion:167 Resp: 158879
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 12.7 10.2 15.4



#74
Di-n-butylphthalate
Concen: 9.342 ng
RT: 11.974 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion:149 Resp: 165242
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.8 3.9 5.9

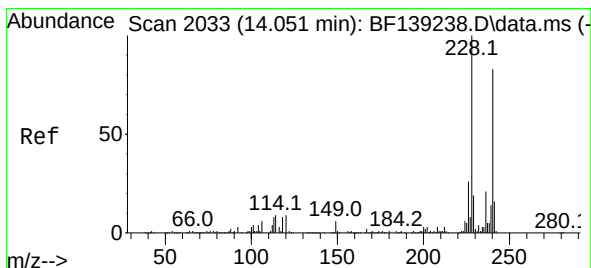
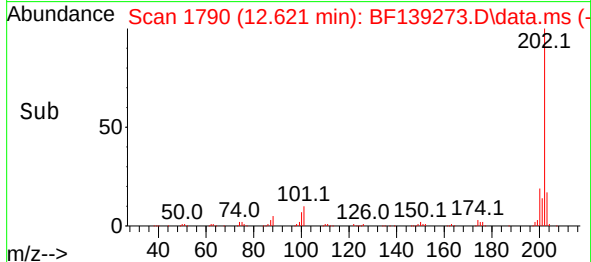
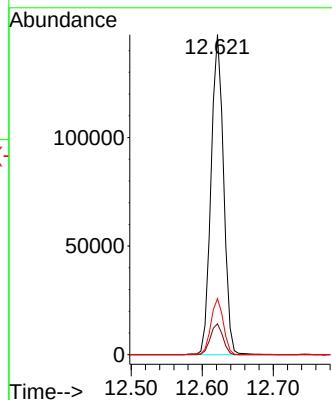
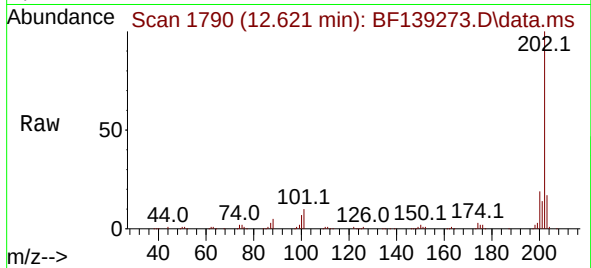




#75
Fluoranthene
Concen: 9.543 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

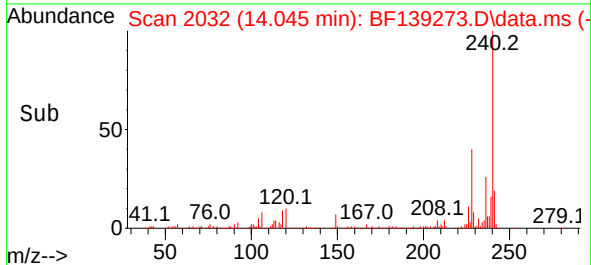
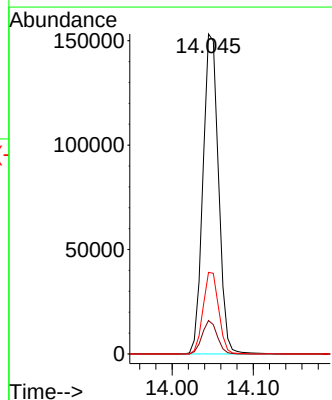
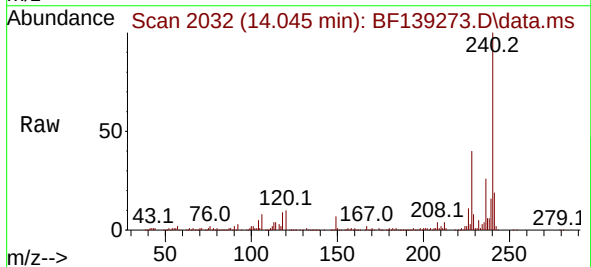
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

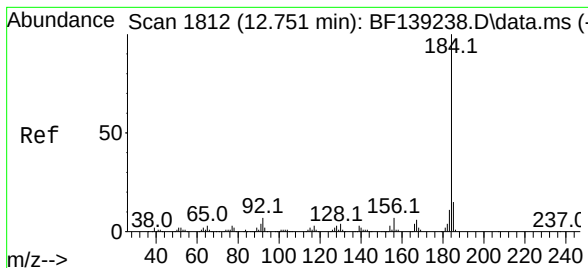
Tgt Ion:202 Resp: 181012
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.9
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion:240 Resp: 203603
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.5 20.7 31.1





#77

Benzidine

Concen: 11.221 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

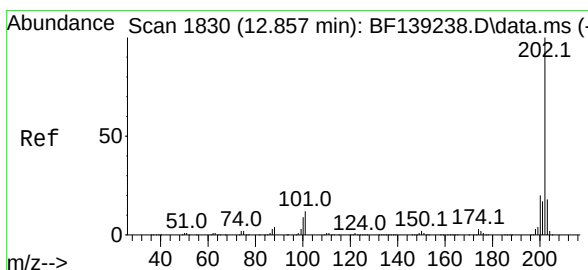
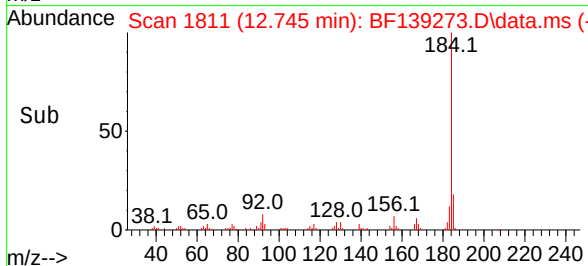
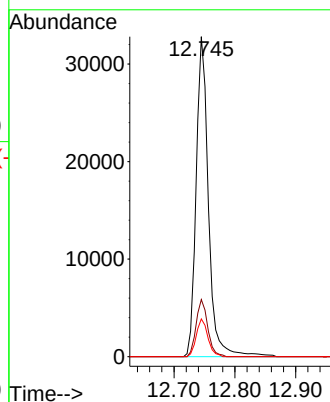
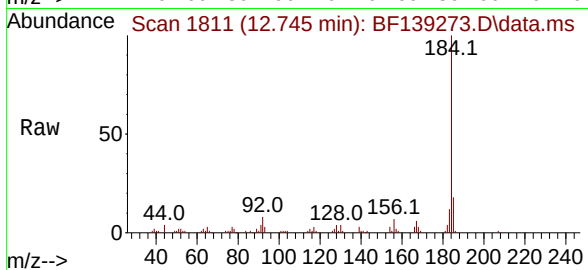
Tgt Ion:184 Resp: 46002

Ion Ratio Lower Upper

184 100

185 17.8 11.9 17.9

183 11.8 8.8 13.2



#78

Pyrene

Concen: 9.348 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

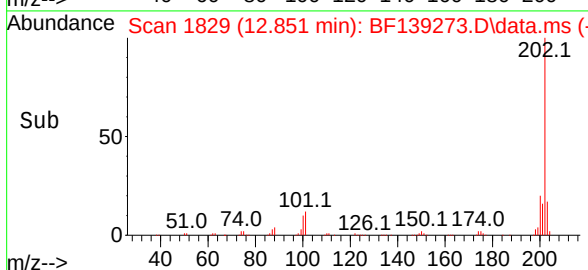
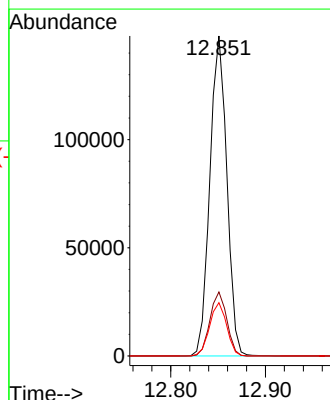
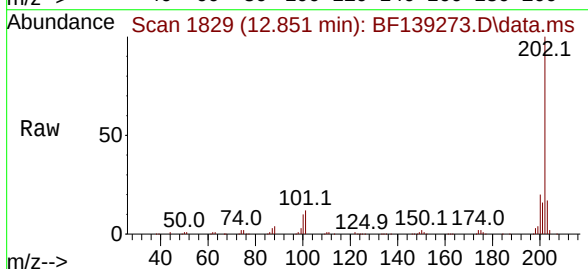
Tgt Ion:202 Resp: 183867

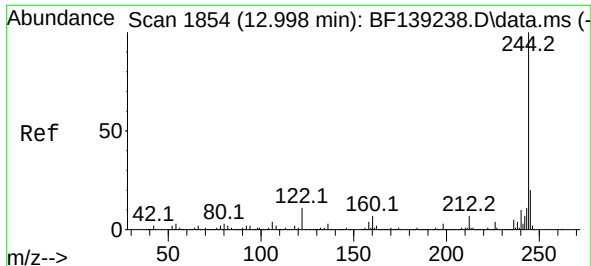
Ion Ratio Lower Upper

202 100

200 20.0 15.8 23.8

203 16.6 14.1 21.1

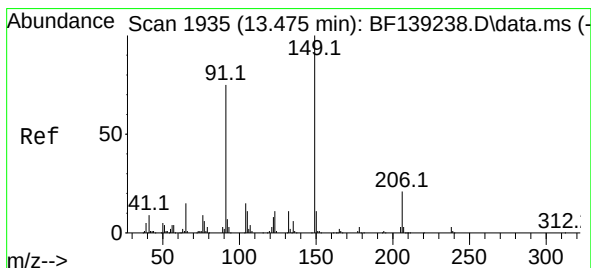
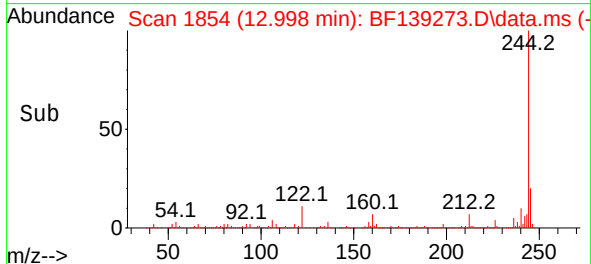
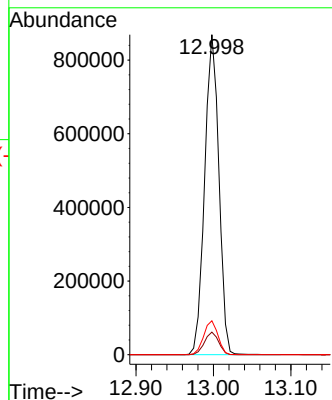
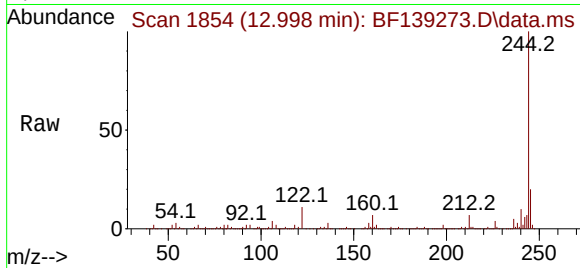




#79
 Terphenyl-d14
 Concen: 87.908 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF139273.D
 Acq: 06 Sep 2024 12:00

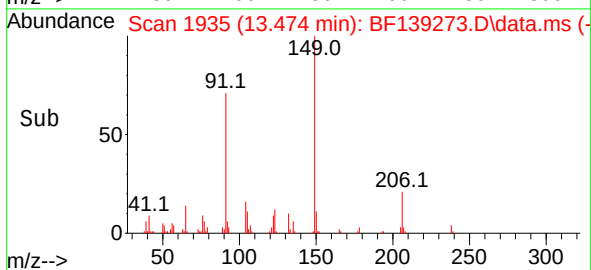
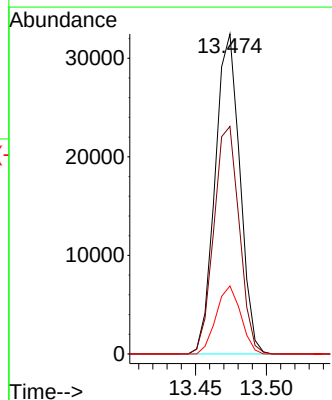
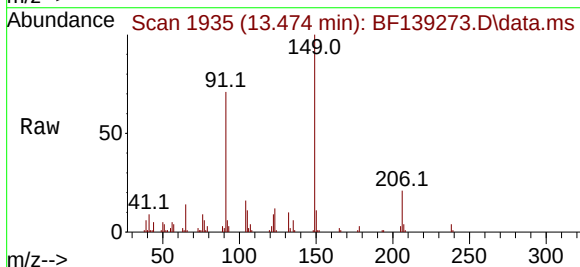
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT2-2024

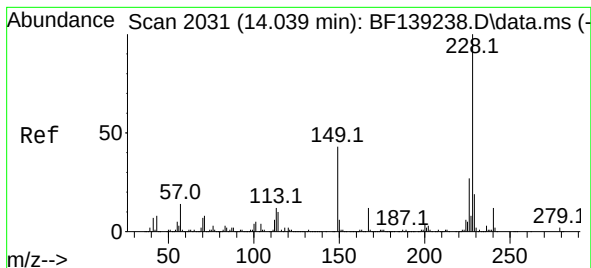
Tgt Ion:244 Resp: 1108548
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.6 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 8.500 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. -0.000 min
 Lab File: BF139273.D
 Acq: 06 Sep 2024 12:00

Tgt Ion:149 Resp: 39356
 Ion Ratio Lower Upper
 149 100
 91 71.1 60.3 90.5
 206 21.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 9.333 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

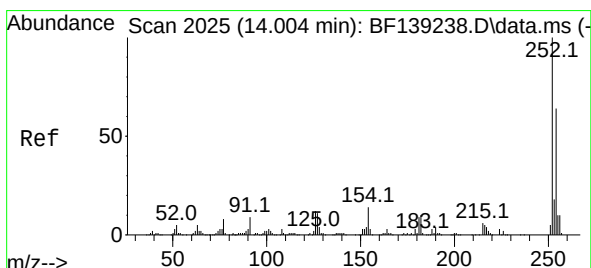
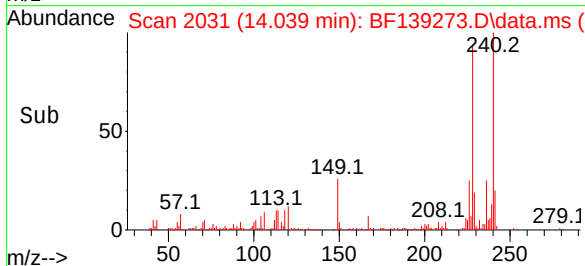
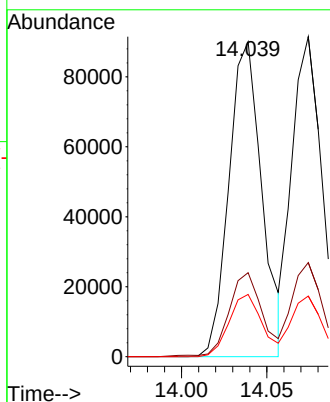
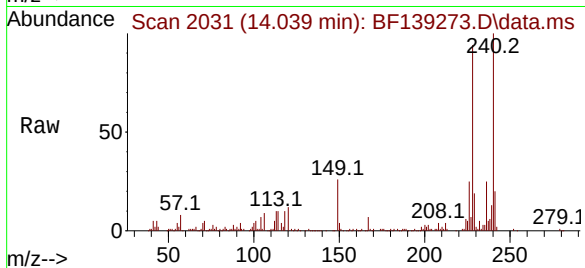
Tgt Ion:228 Resp: 121335

Ion Ratio Lower Upper

228 100

226 26.7 21.5 32.3

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 9.243 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

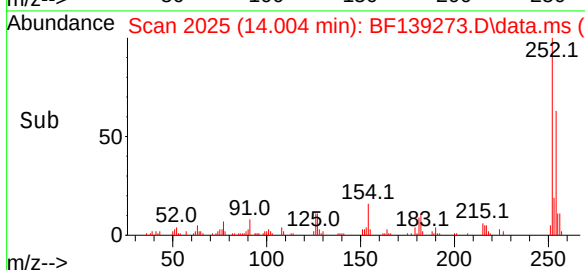
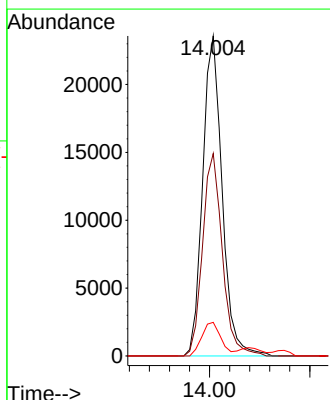
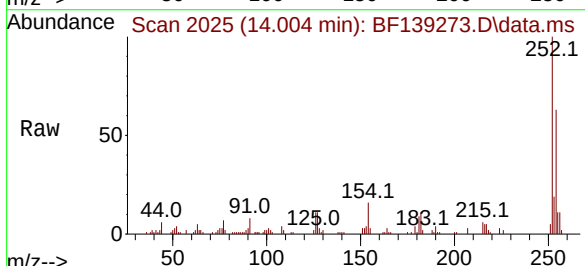
Tgt Ion:252 Resp: 31912

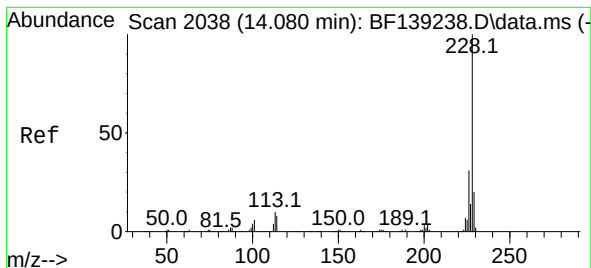
Ion Ratio Lower Upper

252 100

254 63.2 51.5 77.3

126 10.5 9.2 13.8





#83

Chrysene

Concen: 9.262 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

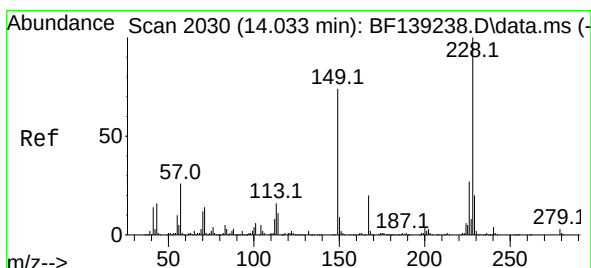
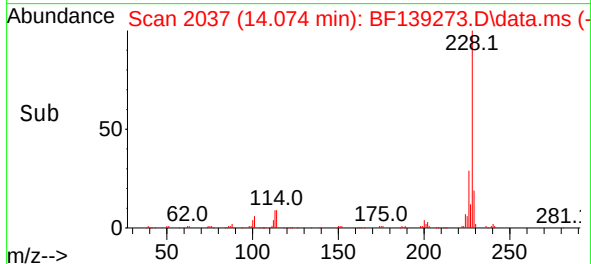
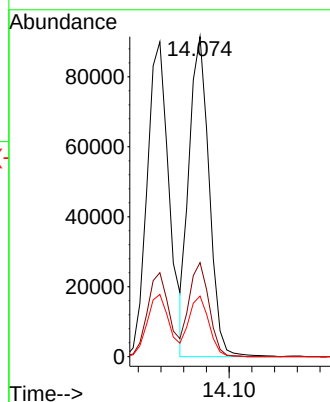
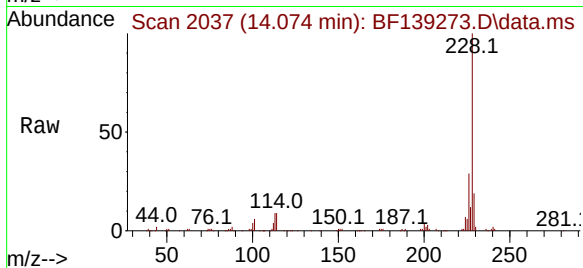
Tgt Ion:228 Resp: 112385

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

229 19.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.867 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

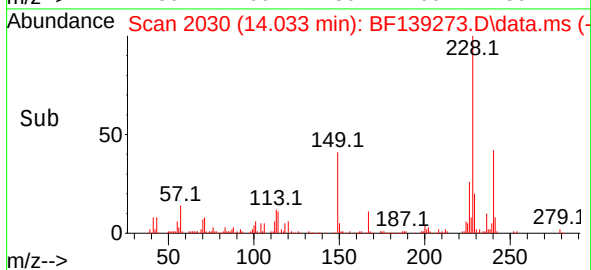
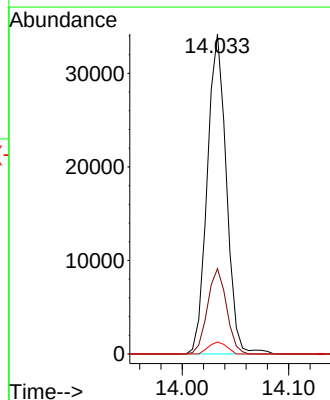
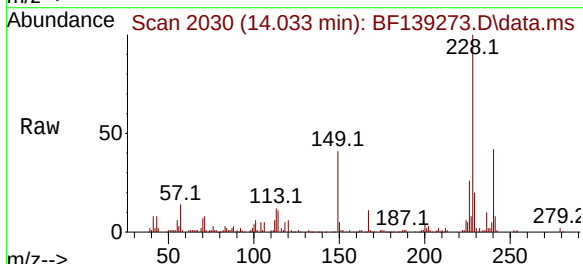
Tgt Ion:149 Resp: 42755

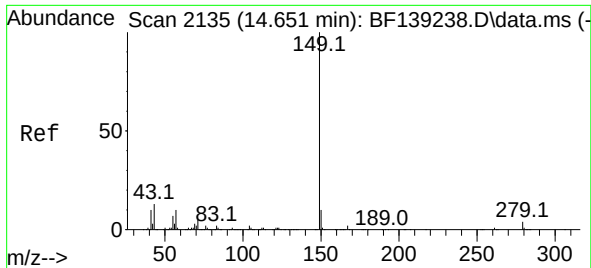
Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.6

279 3.7 3.0 4.6

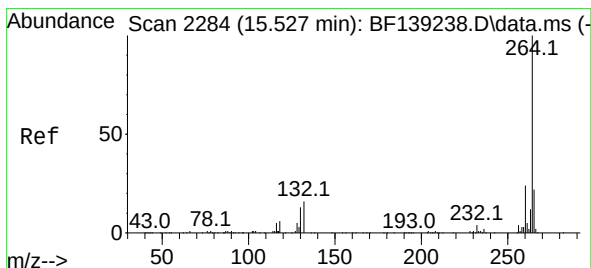
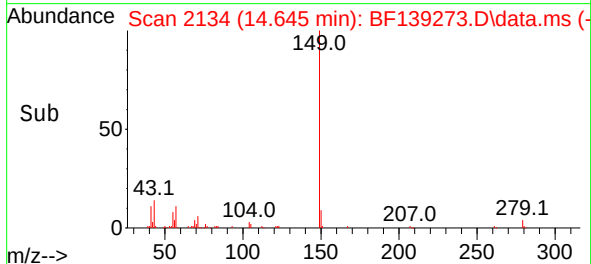
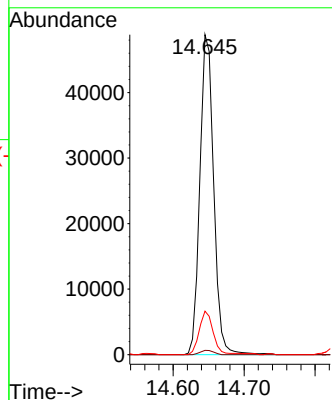
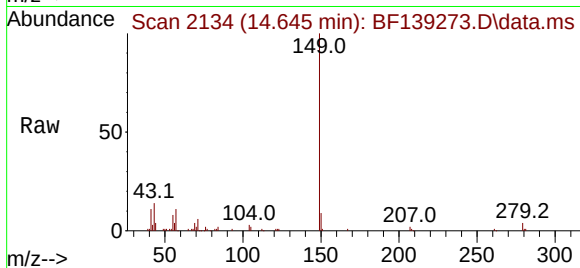




#85
Di-n-octyl phthalate
Concen: 6.378 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

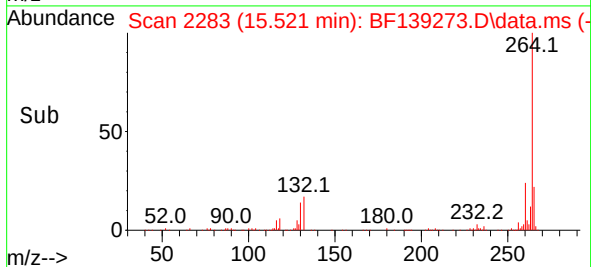
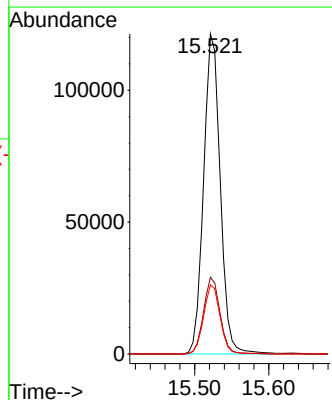
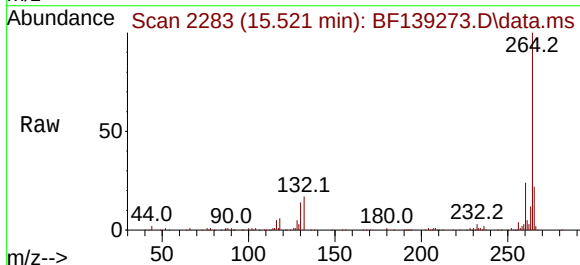
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2024

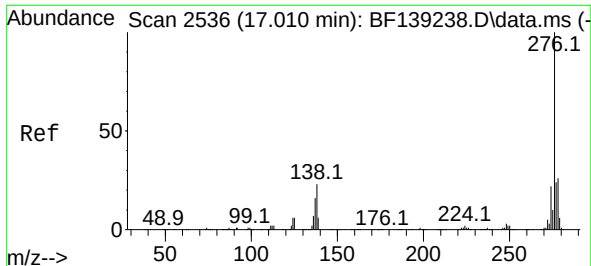
Tgt Ion:149 Resp: 66361
Ion Ratio Lower Upper
149 100
167 1.3 1.3 1.9
43 14.1 10.9 16.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion:264 Resp: 189537
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.586 ng

RT: 16.998 min Scan# 2109

Delta R.T. -0.012 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

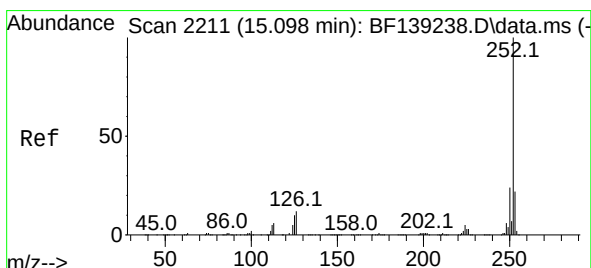
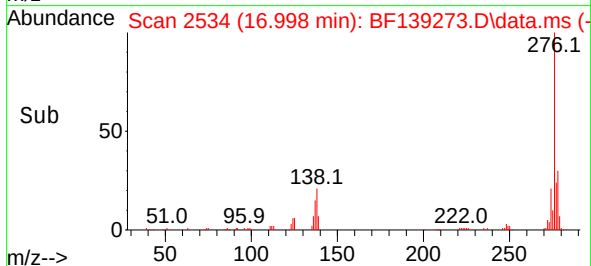
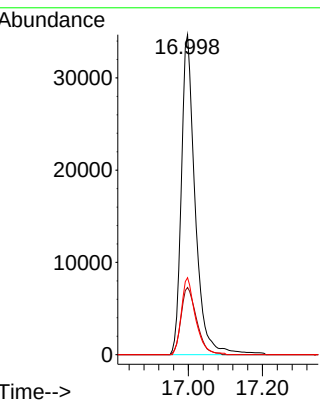
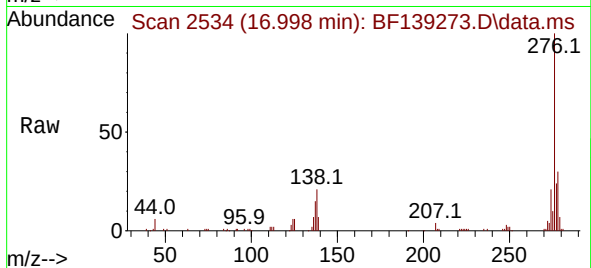
Tgt Ion:276 Resp: 89819

Ion Ratio Lower Upper

276 100

138 23.6 20.4 30.6

277 24.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 8.940 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.012 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

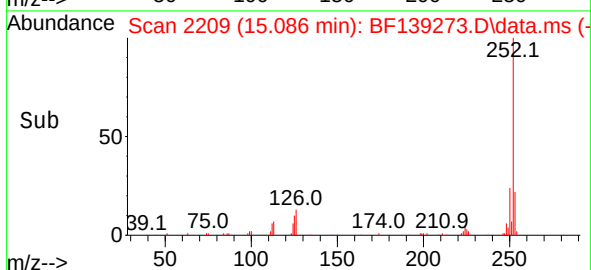
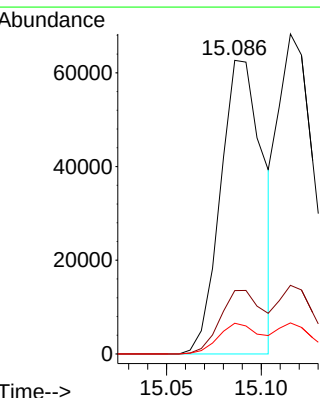
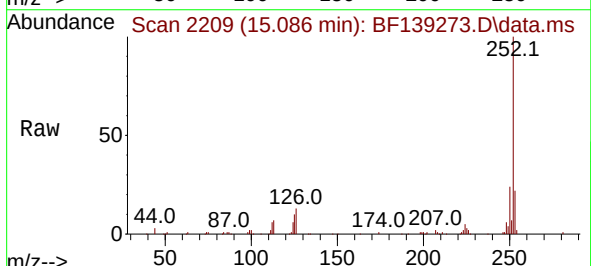
Tgt Ion:252 Resp: 97581

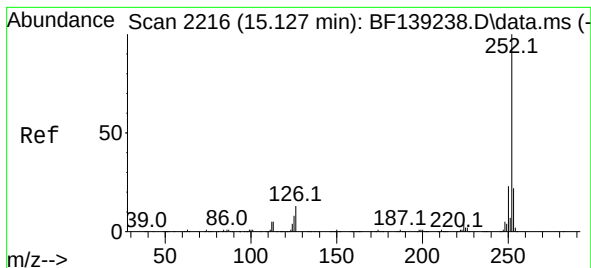
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 10.5 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 9.574 ng

RT: 15.115 min Scan# 2214

Delta R.T. -0.012 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

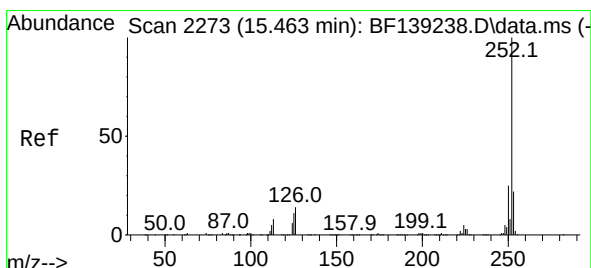
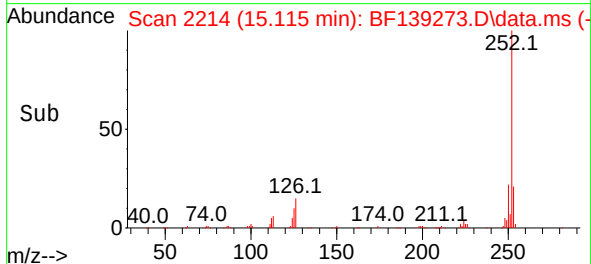
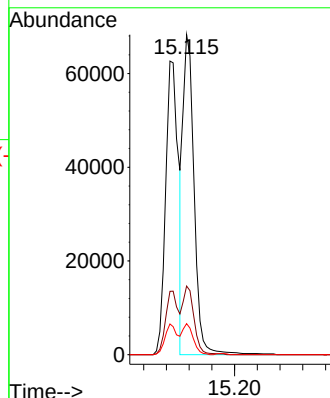
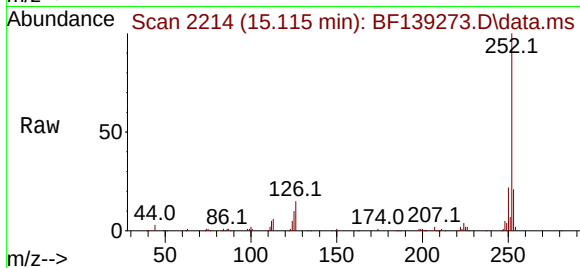
Tgt Ion:252 Resp: 93701

Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 9.7 7.2 10.8



#90

Benzo(a)pyrene

Concen: 9.339 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF139273.D

Acq: 06 Sep 2024 12:00

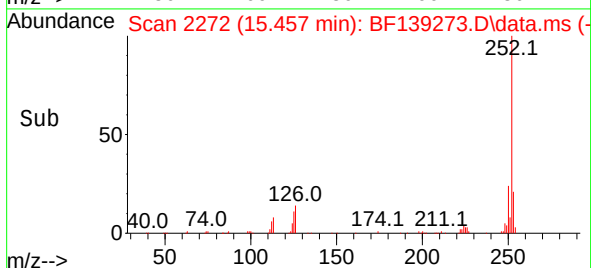
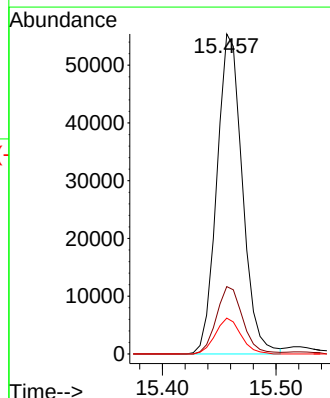
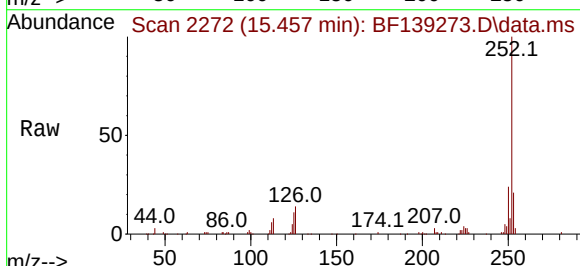
Tgt Ion:252 Resp: 86560

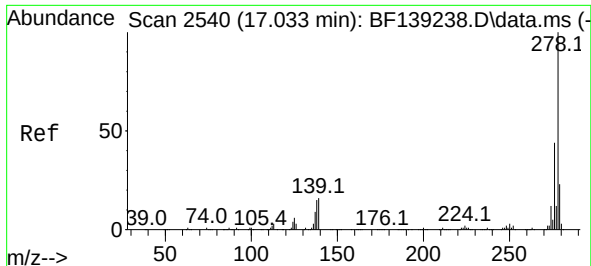
Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

125 11.2 8.6 13.0

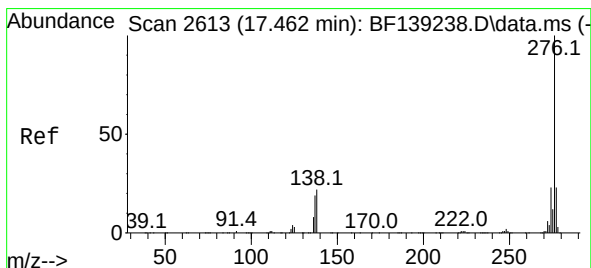
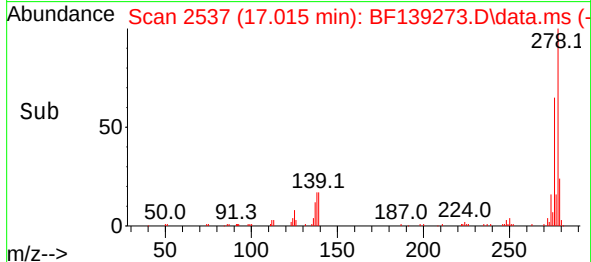
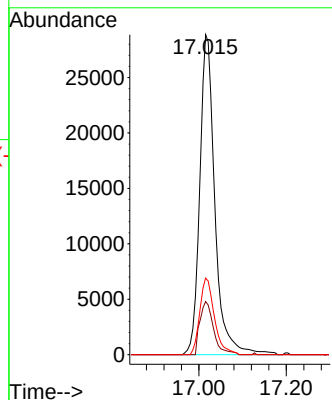
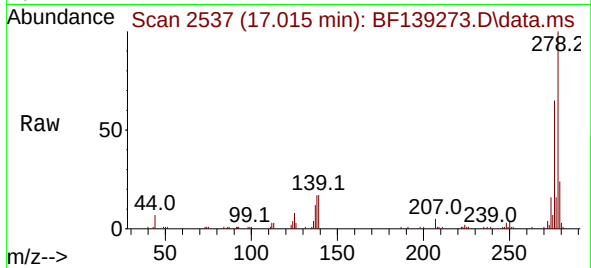




#91
Dibenzo(a,h)anthracene
Concen: 7.131 ng
RT: 17.015 min Scan# 24
Delta R.T. -0.018 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:278 Resp: 69583
Ion Ratio Lower Upper
278 100
139 16.6 12.6 19.0
279 24.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 6.902 ng
RT: 17.439 min Scan# 2609
Delta R.T. -0.024 min
Lab File: BF139273.D
Acq: 06 Sep 2024 12:00

Tgt Ion:276 Resp: 69516
Ion Ratio Lower Upper
276 100
277 23.6 18.6 27.8
138 23.1 17.4 26.0

