

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139071.D
 Acq On : 19 Aug 2024 13:02
 Operator : RC/JU
 Sample : P3390-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 19 13:59:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	47859	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	201624	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	111926	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	202258	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	102276	20.000	ng	0.00
86) Perylene-d12	15.468	264	88008	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	406464	131.102	ng	0.00
7) Phenol-d6	6.487	99	552227	132.665	ng	0.00
23) Nitrobenzene-d5	7.404	82	364436	88.371	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	122218	133.306	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	666126	89.421	ng	-0.01
79) Terphenyl-d14	12.939	244	627578	102.735	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.587	88	10159	7.484	ng	# 94
3) Pyridine	3.434	79	19540	5.943	ng	93
4) n-Nitrosodimethylamine	3.310	42	17572	8.973	ng	84
6) Aniline	6.510	93	35351	9.523	ng	91
8) 2-Chlorophenol	6.628	128	26790	8.213	ng	93
9) Benzaldehyde	6.398	77	23835	9.552	ng	98
10) Phenol	6.498	94	36750	8.385	ng	# 55
11) bis(2-Chloroethyl)ether	6.575	93	27204	8.066	ng	96
12) 1,3-Dichlorobenzene	6.775	146	28791	7.885	ng	95
13) 1,4-Dichlorobenzene	6.851	146	29569	8.024	ng	98
14) 1,2-Dichlorobenzene	7.004	146	28520	8.282	ng	96
15) Benzyl Alcohol	6.992	79	23596	7.865	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	7.104	45	49587	8.543	ng	52
17) 2-Methylphenol	7.104	107	24071	8.937	ng	# 84
18) Hexachloroethane	7.339	117	11859	8.550	ng	95
19) n-Nitroso-di-n-propyla...	7.245	70	21983	8.744	ng	93
20) 3+4-Methylphenols	7.263	107	30345	8.781	ng	# 67
22) Acetophenone	7.251	105	42141	8.536	ng	95
24) Nitrobenzene	7.422	77	35107	8.366	ng	97
25) Isophorone	7.657	82	58356	8.287	ng	97
26) 2-Nitrophenol	7.739	139	14184	7.856	ng	88
27) 2,4-Dimethylphenol	7.781	122	15364	7.113	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	34206	7.977	ng	97
29) 2,4-Dichlorophenol	7.998	162	21914	7.895	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	25514	7.965	ng	97
31) Naphthalene	8.139	128	85077	8.016	ng	100
32) Benzoic acid	7.939	122	2855	1.681	ng	86
33) 4-Chloroaniline	8.198	127	30881	8.668	ng	98
34) Hexachlorobutadiene	8.245	225	15620	8.051	ng	99
35) Caprolactam	8.545	113	6668	8.051	ng	97
36) 4-Chloro-3-methylphenol	8.686	107	26074	8.219	ng	98
37) 2-Methylnaphthalene	8.828	142	54949	8.198	ng	99
38) 1-Methylnaphthalene	8.928	142	52416	7.981	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	26234	8.438	ng	98
41) Hexachlorocyclopentadiene	8.975	237	342	7.345	ng	# 71
43) 2,4,6-Trichlorophenol	9.116	196	13698	7.226	ng	97

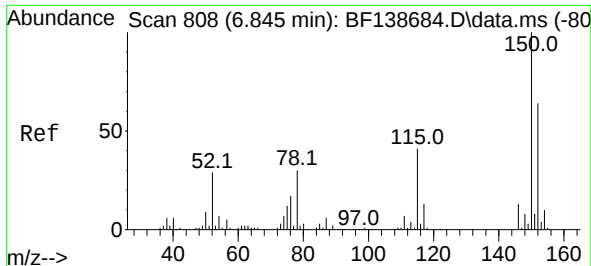
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	16756	8.085	ng	93
46) 1,1'-Biphenyl	9.286	154	72736	8.298	ng	99
47) 2-Chloronaphthalene	9.316	162	52497	8.052	ng	98
48) 2-Nitroaniline	9.422	65	18784	8.499	ng	92
49) Acenaphthylene	9.728	152	81727	8.839	ng	100
50) Dimethylphthalate	9.586	163	62905	8.790	ng	100
51) 2,6-Dinitrotoluene	9.657	165	13411	8.303	ng	# 80
52) Acenaphthene	9.898	154	51209	8.239	ng	99
53) 3-Nitroaniline	9.839	138	12477	7.473	ng	85
54) 2,4-Dinitrophenol	9.980	184	1764	2.373	ng	92
55) Dibenzofuran	10.075	168	75375	8.591	ng	95
56) 4-Nitrophenol	10.075	139	37209	37.058	ng	# 7
57) 2,4-Dinitrotoluene	10.069	165	17211	8.352	ng	# 64
58) Fluorene	10.416	166	60392	8.643	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	10517	6.638	ng	# 84
60) Diethylphthalate	10.286	149	63532	9.363	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	29964	8.720	ng	95
62) 4-Nitroaniline	10.451	138	12008	7.568	ng	# 85
63) Azobenzene	10.569	77	65503	8.703	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	6507	5.273	ng	87
66) n-Nitrosodiphenylamine	10.528	169	50515	7.990	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	16869	7.703	ng	99
68) Hexachlorobenzene	10.963	284	17276	7.641	ng	94
69) Atrazine	11.051	200	16545	10.143	ng	98
70) Pentachlorophenol	11.192	266	1368	1.342	ng	86
71) Phenanthrene	11.380	178	85296	8.190	ng	99
72) Anthracene	11.433	178	83802	8.168	ng	100
73) Carbazole	11.598	167	69327	7.832	ng	97
74) Di-n-butylphthalate	11.910	149	94211	9.468	ng	99
75) Fluoranthene	12.574	202	79882	8.216	ng	97
77) Benzidine	12.698	184	16663	6.812	ng	# 94
78) Pyrene	12.804	202	81271	8.440	ng	100
80) Butylbenzylphthalate	13.410	149	28385	9.205	ng	98
81) Benzo(a)anthracene	13.992	228	57582	8.176	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	16246	9.014	ng	97
83) Chrysene	14.027	228	50140	7.891	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	31858	7.055	ng	99
85) Di-n-octyl phthalate	14.574	149	47561	5.693	ng	94
87) Indeno(1,2,3-cd)pyrene	16.951	276	42673	6.766	ng	95
88) Benzo(b)fluoranthene	15.039	252	45524	8.344	ng	98
89) Benzo(k)fluoranthene	15.068	252	40486	8.571	ng	99
90) Benzo(a)pyrene	15.410	252	39955	8.707	ng	97
91) Dibenzo(a,h)anthracene	16.956	278	33599	6.490	ng	98
92) Benzo(g,h,i)perylene	17.404	276	32597	6.067	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.834 min Scan# 80

Delta R.T. -0.011 min

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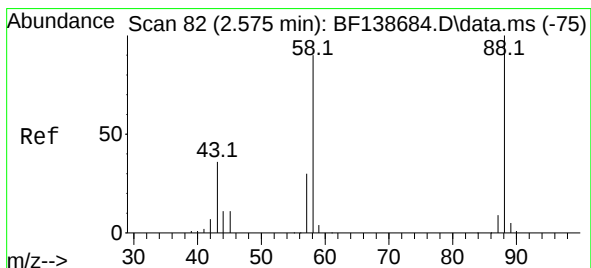
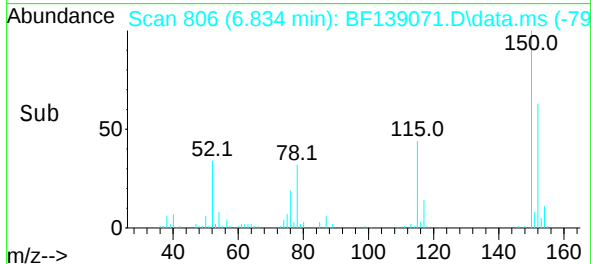
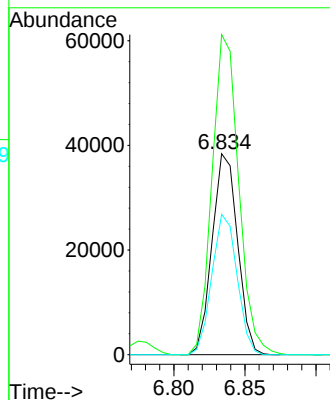
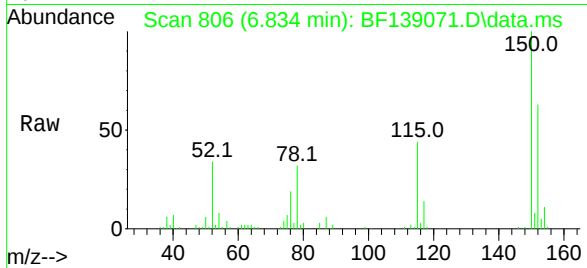
Tgt Ion:152 Resp: 47859

Ion Ratio Lower Upper

152 100

150 159.2 126.0 189.0

115 69.8 51.7 77.5



#2

1,4-Dioxane

Concen: 7.484 ng

RT: 2.587 min Scan# 84

Delta R.T. 0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

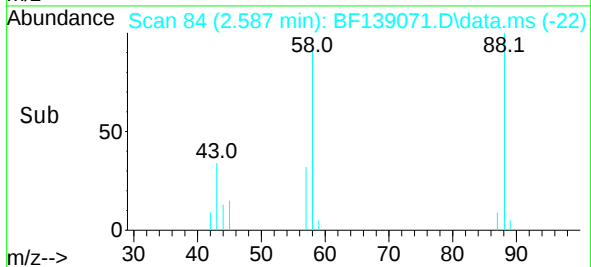
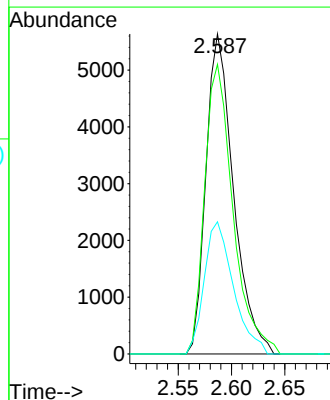
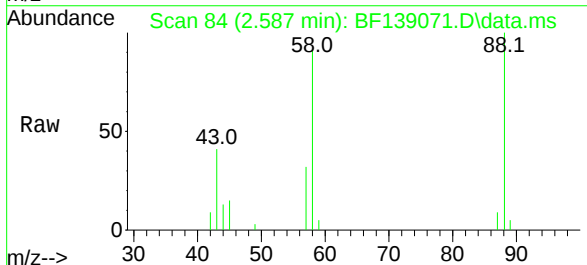
Tgt Ion: 88 Resp: 10159

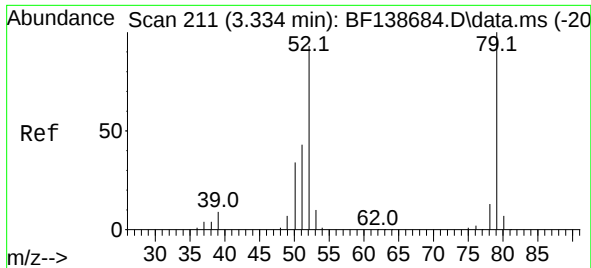
Ion Ratio Lower Upper

88 100

58 92.8 71.6 107.4

43 43.6 28.7 43.1#





#3

Pyridine

Concen: 5.943 ng

RT: 3.434 min Scan# 211

Delta R.T. 0.100 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

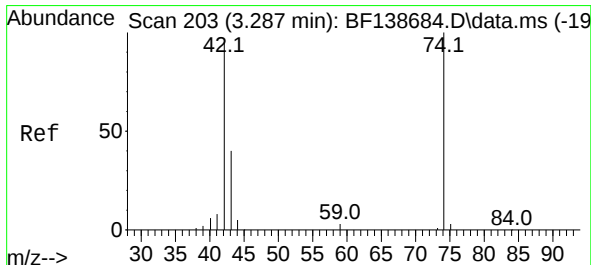
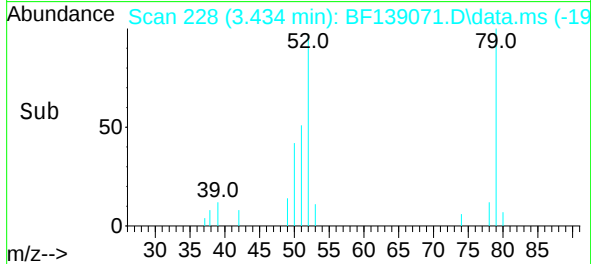
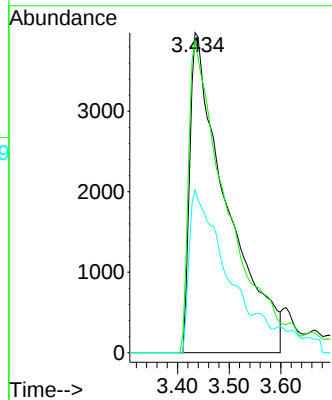
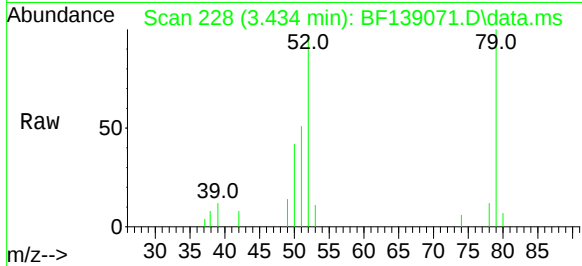
Tgt Ion: 79 Resp: 19540

Ion Ratio Lower Upper

79 100

52 97.3 74.7 112.1

51 50.9 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 8.973 ng

RT: 3.310 min Scan# 207

Delta R.T. 0.024 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

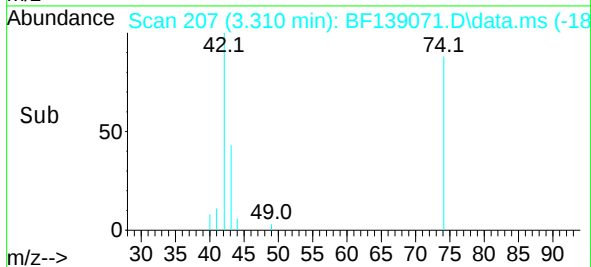
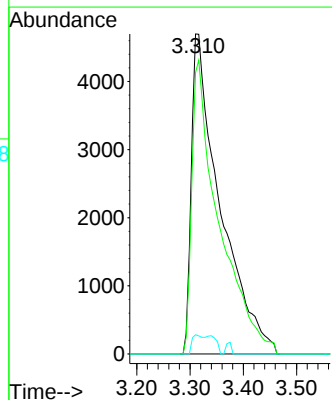
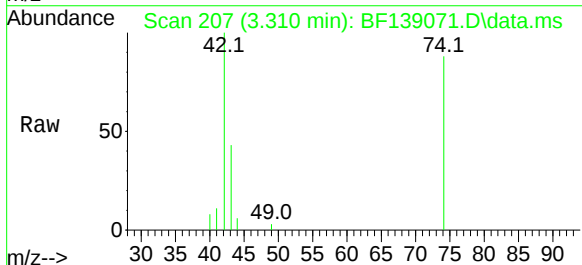
Tgt Ion: 42 Resp: 17572

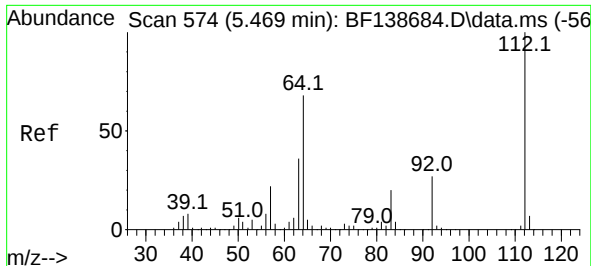
Ion Ratio Lower Upper

42 100

74 88.0 84.2 126.4

44 6.0 4.9 7.3

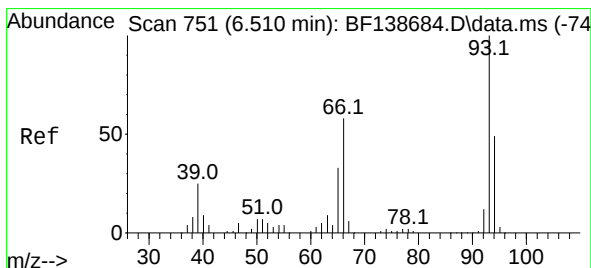
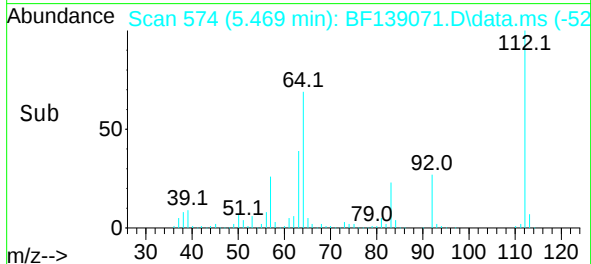
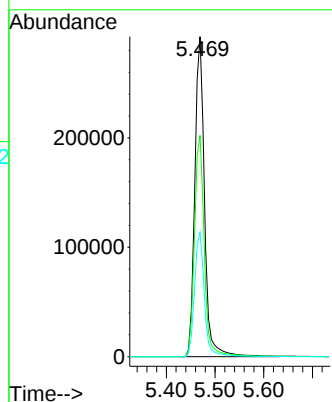
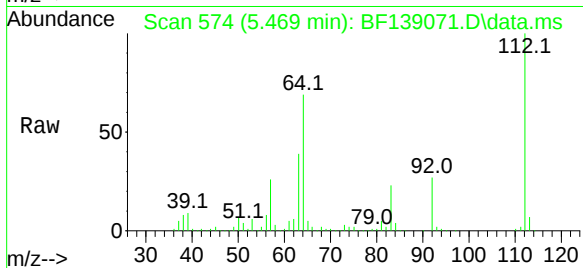




#5
2-Fluorophenol
Concen: 131.102 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

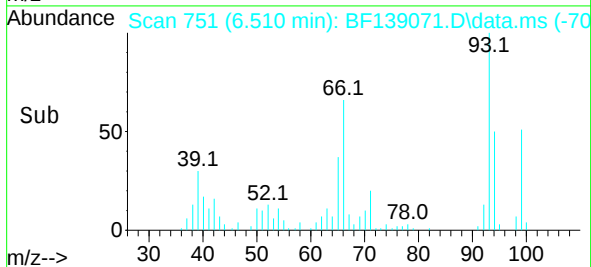
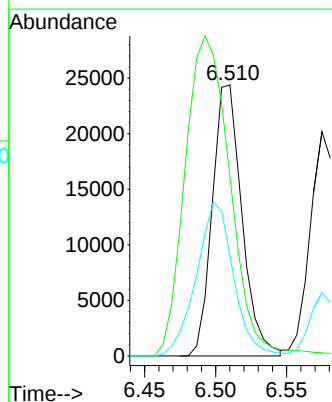
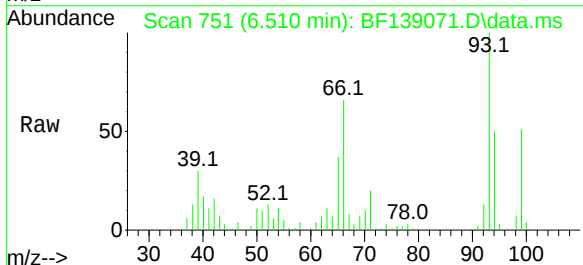
Instrument :
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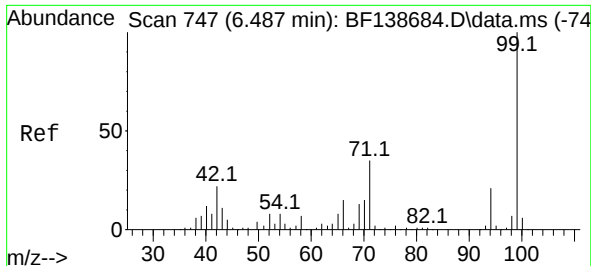
Tgt Ion:112 Resp: 406464
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 38.8 28.7 43.1



#6
Aniline
Concen: 9.523 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Tgt Ion: 93 Resp: 35351
Ion Ratio Lower Upper
93 100
66 66.0 46.9 70.3
65 36.9 26.5 39.7





#7

Phenol-d6

Concen: 132.665 ng

RT: 6.487 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

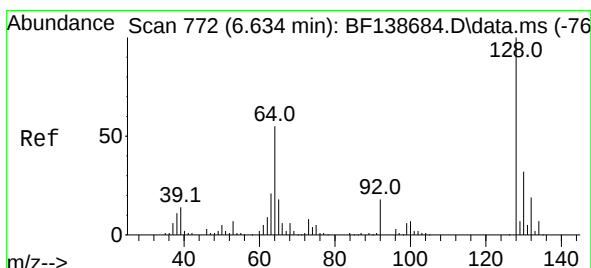
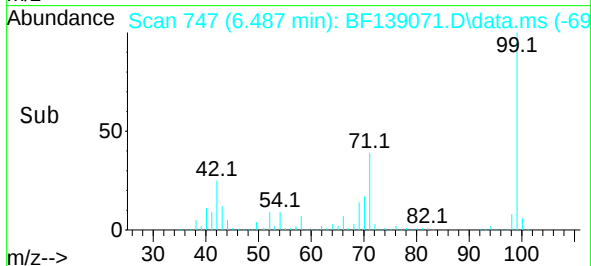
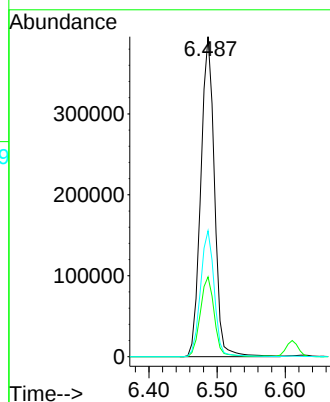
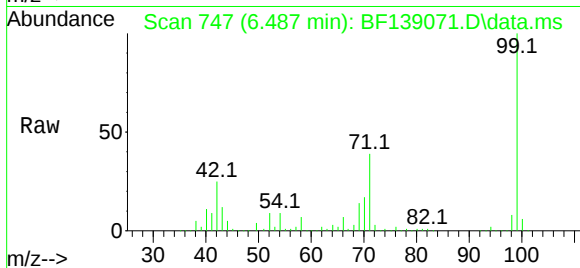
Tgt Ion: 99 Resp: 552227

Ion Ratio Lower Upper

99 100

42 25.0 17.4 26.0

71 39.3 28.1 42.1



#8

2-Chlorophenol

Concen: 8.213 ng

RT: 6.628 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

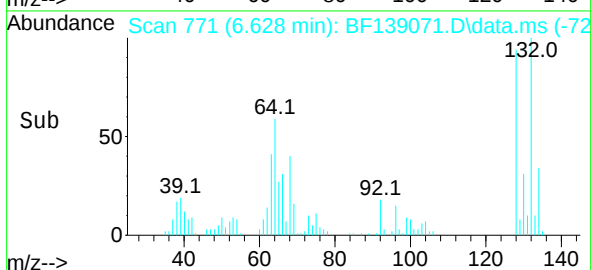
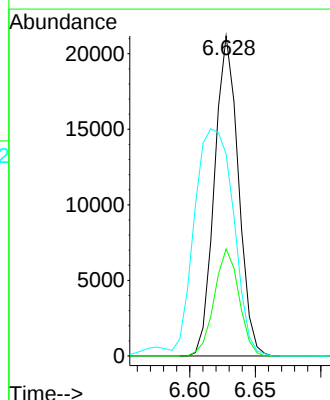
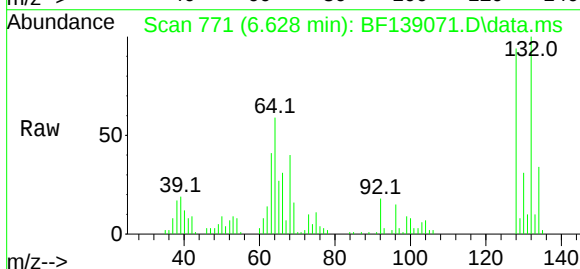
Tgt Ion:128 Resp: 26790

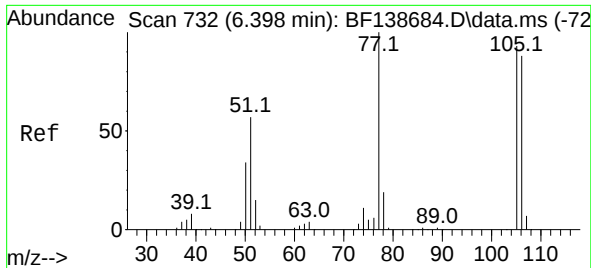
Ion Ratio Lower Upper

128 100

130 33.5 12.0 52.0

64 63.1 36.3 76.3





#9

Benzaldehyde

Concen: 9.552 ng

RT: 6.398 min Scan# 732

Delta R.T. 0.000 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

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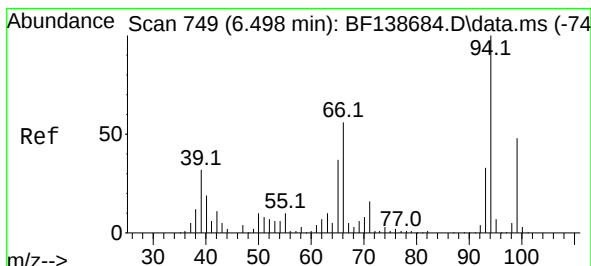
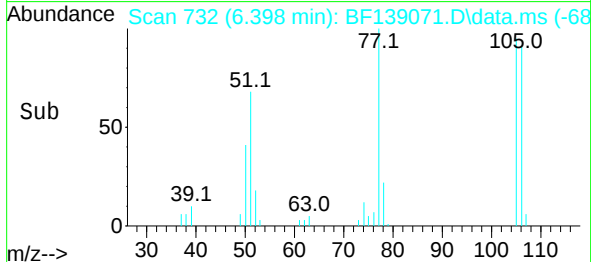
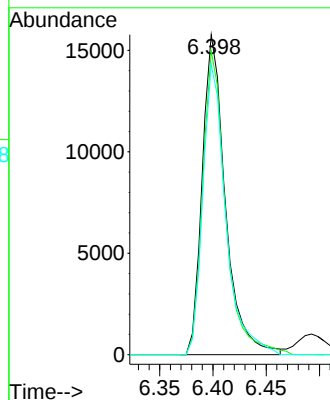
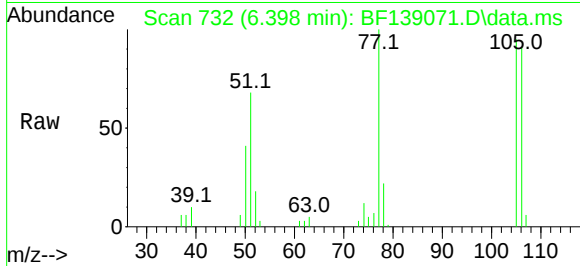
Tgt Ion: 77 Resp: 23835

Ion Ratio Lower Upper

77 100

105 94.8 72.9 112.9

106 90.6 68.4 108.4



#10

Phenol

Concen: 8.385 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

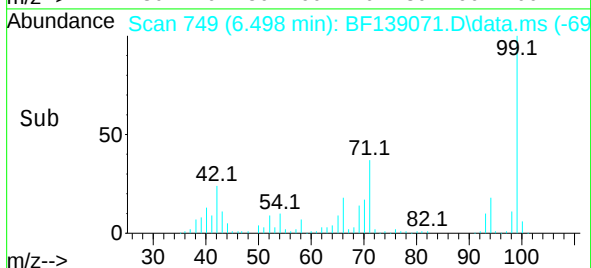
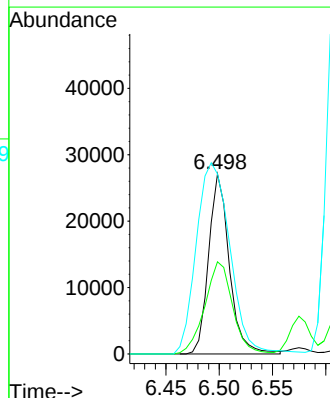
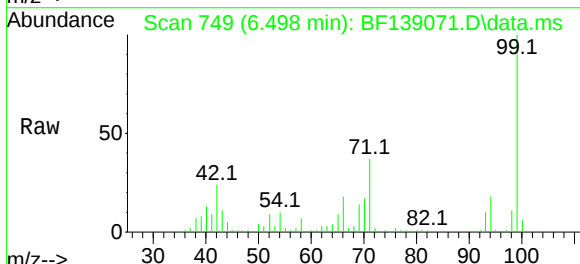
Tgt Ion: 94 Resp: 36750

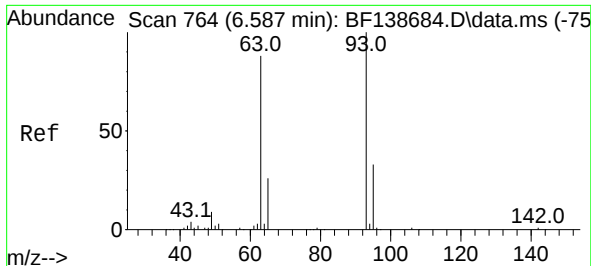
Ion Ratio Lower Upper

94 100

65 51.2 16.9 56.9

66 100.0 36.5 76.5#





#11

bis(2-Chloroethyl)ether

Concen: 8.066 ng

RT: 6.575 min Scan# 7

Delta R.T. -0.012 min

Lab File: BF139071.D

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MDL-WATER-03-QT3-2024

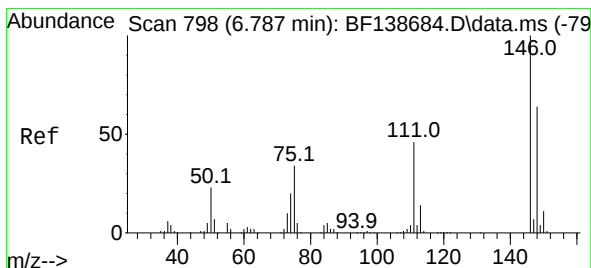
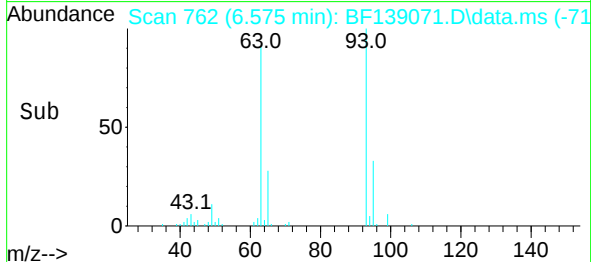
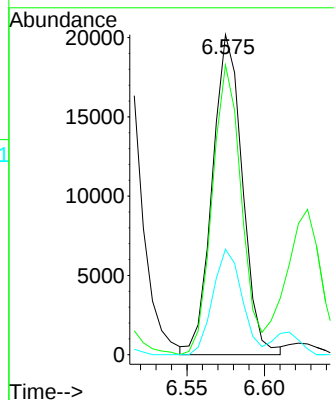
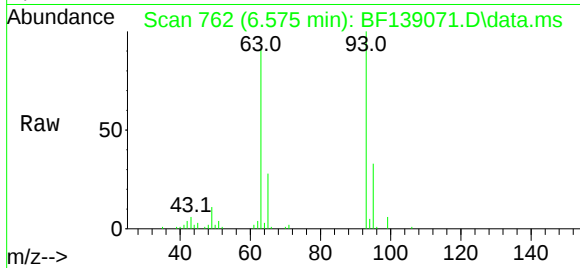
Tgt Ion: 93 Resp: 27204

Ion Ratio Lower Upper

93 100

63 90.5 65.3 105.3

95 32.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 7.885 ng

RT: 6.775 min Scan# 796

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

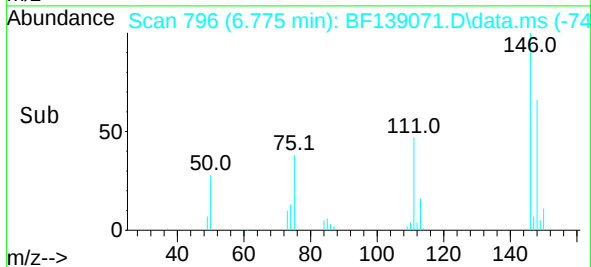
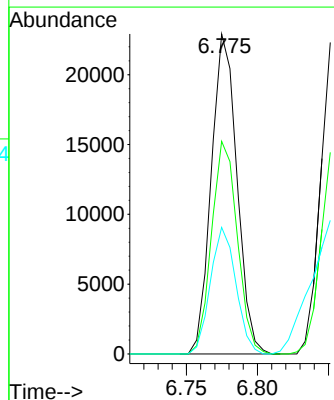
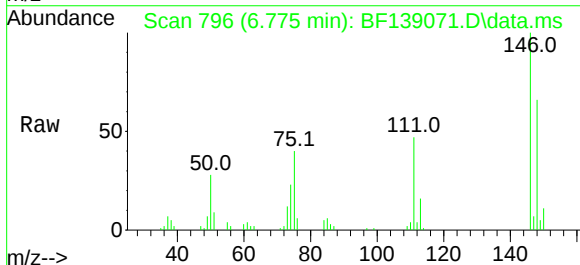
Tgt Ion:146 Resp: 28791

Ion Ratio Lower Upper

146 100

148 66.4 51.2 76.8

75 39.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 8.024 ng

RT: 6.851 min Scan# 809

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

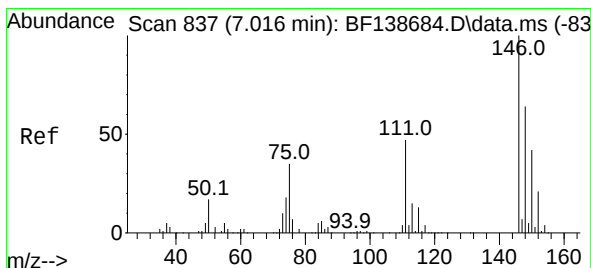
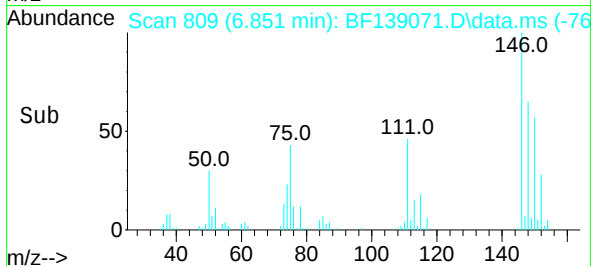
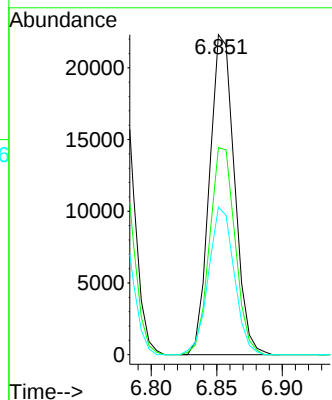
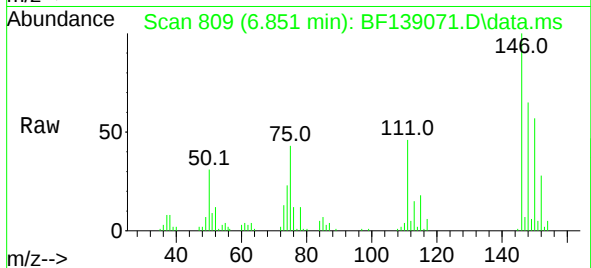
Tgt Ion:146 Resp: 29569

Ion Ratio Lower Upper

146 100

148 64.7 50.2 75.2

111 46.1 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 8.282 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

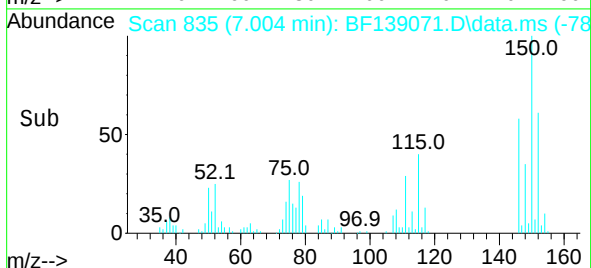
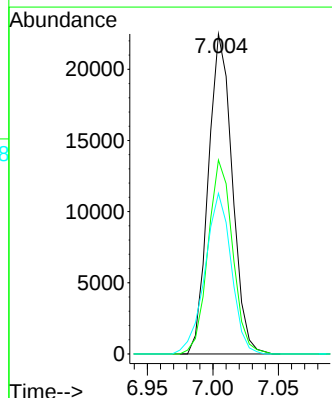
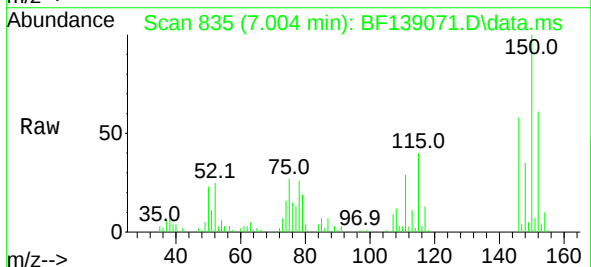
Tgt Ion:146 Resp: 28520

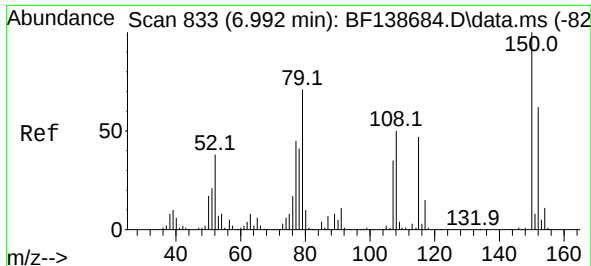
Ion Ratio Lower Upper

146 100

148 60.6 50.8 76.2

111 50.2 37.4 56.2





#15

Benzyl Alcohol

Concen: 7.865 ng

RT: 6.992 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

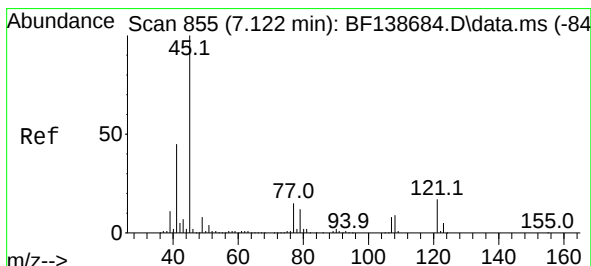
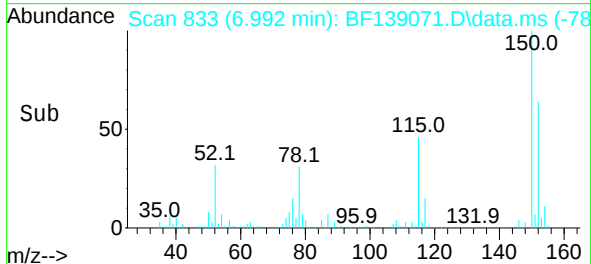
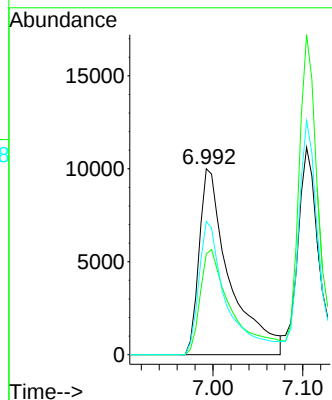
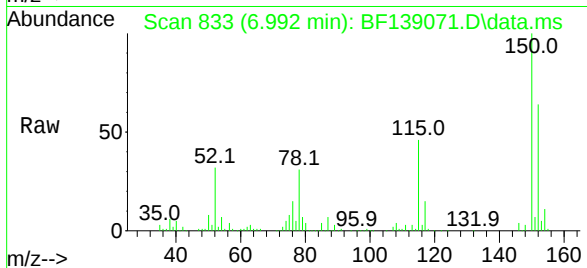
Tgt Ion: 79 Resp: 23596

Ion Ratio Lower Upper

79 100

108 54.2 56.6 85.0#

77 71.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.543 ng

RT: 7.104 min Scan# 852

Delta R.T. -0.018 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

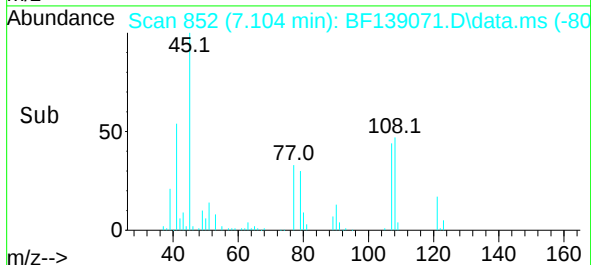
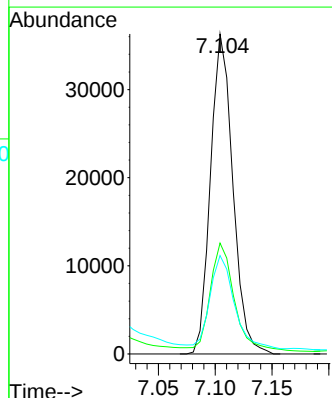
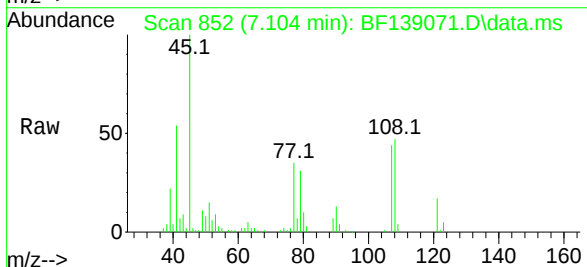
Tgt Ion: 45 Resp: 49587

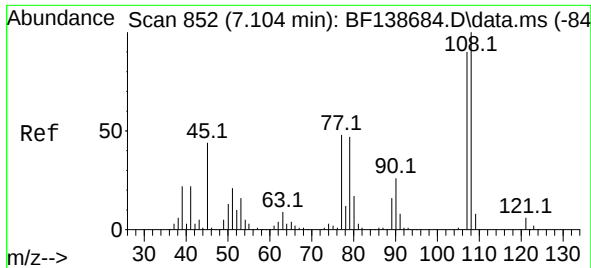
Ion Ratio Lower Upper

45 100

77 34.7 0.0 34.9

79 30.7 0.0 32.2

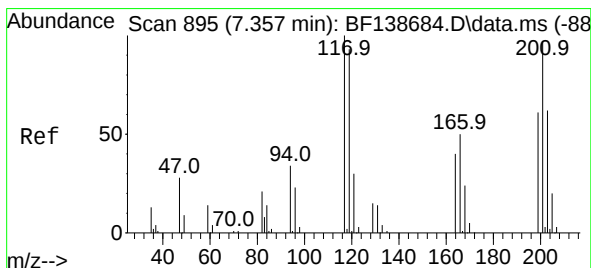
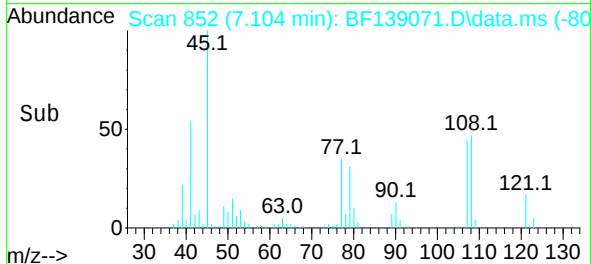
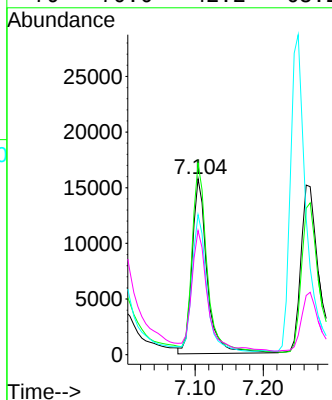
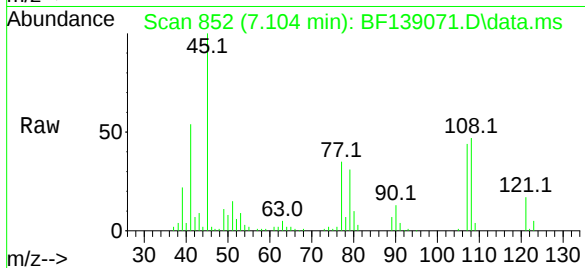




#17
2-Methylphenol
Concen: 8.937 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

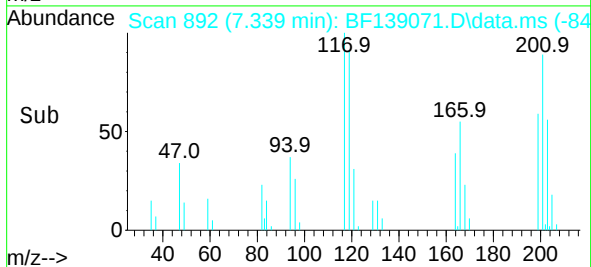
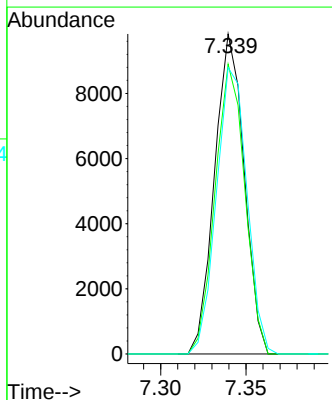
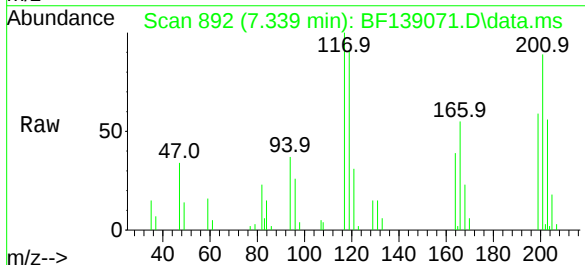
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:	107	Resp:	24071
Ion	Ratio	Lower	Upper
107	100		
108	108.8	89.2	133.8
77	79.6	43.0	64.4#
79	70.6	42.2	63.2#



#18
Hexachloroethane
Concen: 8.550 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Tgt Ion:	117	Resp:	11859
Ion	Ratio	Lower	Upper
117	100		
119	90.6	74.6	111.8
201	89.5	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 8.744 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 70 Resp: 21983

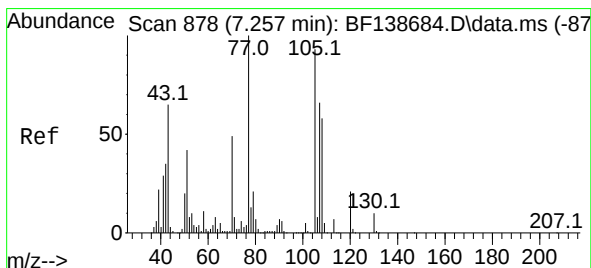
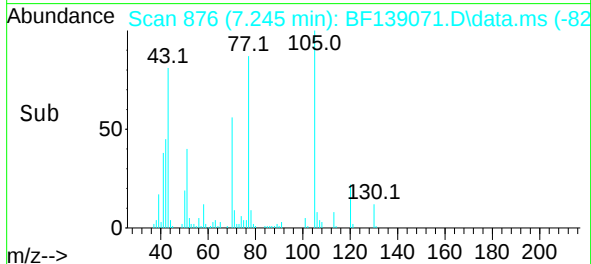
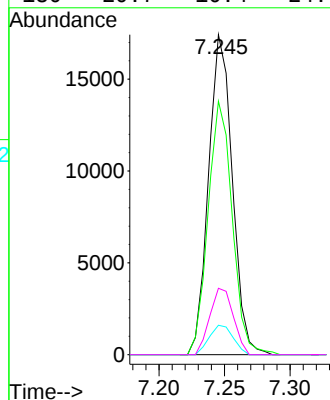
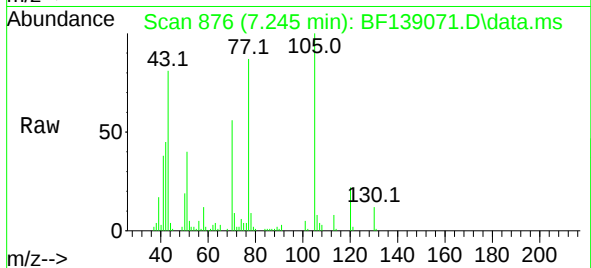
Ion Ratio Lower Upper

70 100

42 79.2 57.4 86.0

101 9.2 7.5 11.3

130 20.7 16.4 24.6



#20

3+4-Methylphenols

Concen: 8.781 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Tgt Ion:107 Resp: 30345

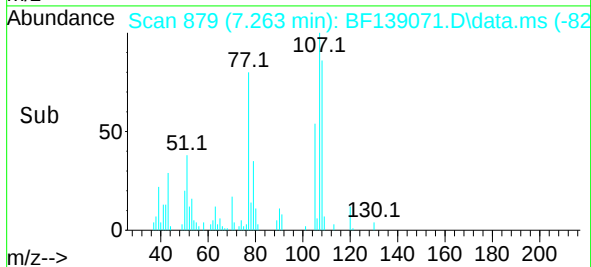
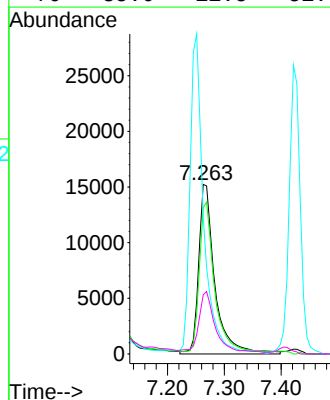
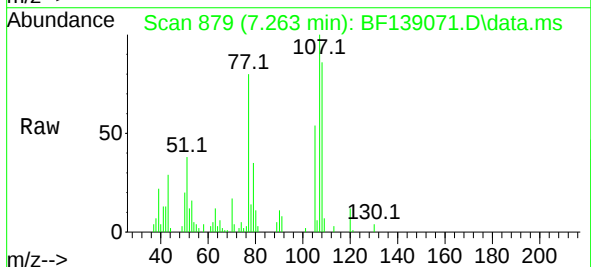
Ion Ratio Lower Upper

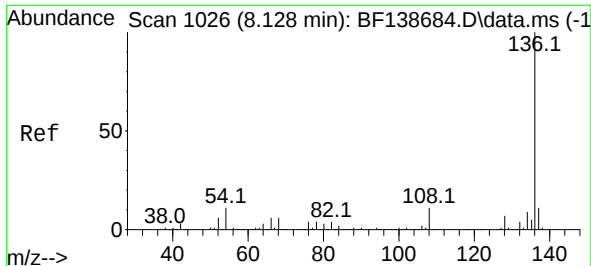
107 100

108 86.4 68.2 108.2

77 80.3 132.1 172.1#

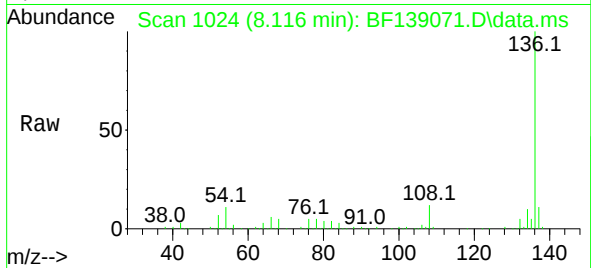
79 35.0 11.5 51.5



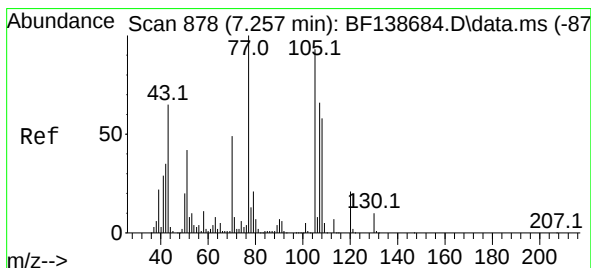
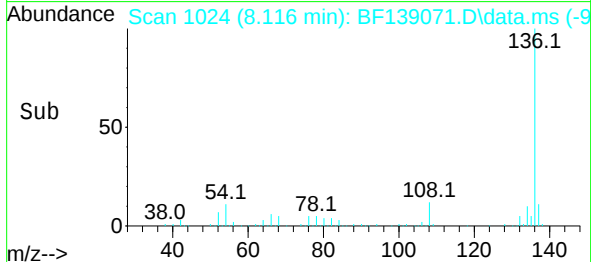
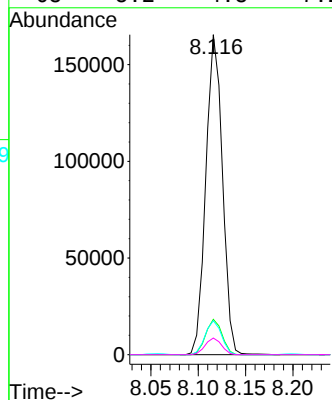


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

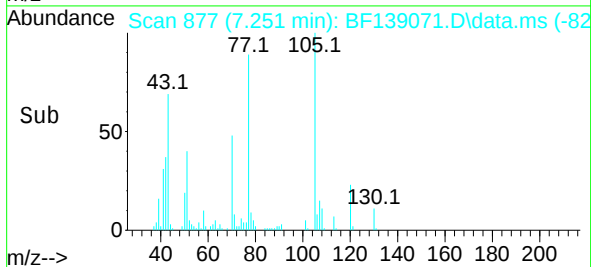
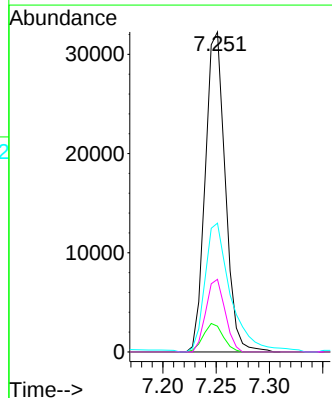
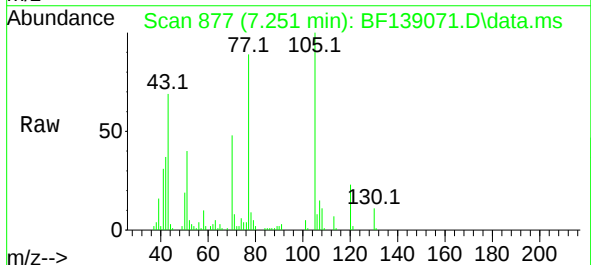


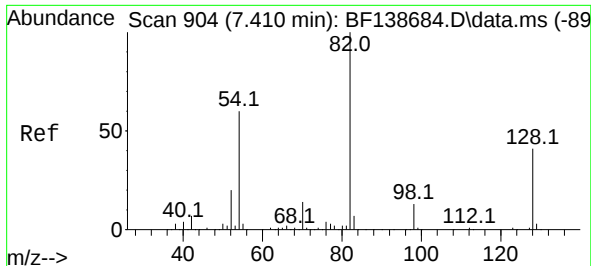
Tgt Ion:136 Resp: 201624
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.6 8.6 12.8
68 5.2 4.8 7.2



#22
Acetophenone
Concen: 8.536 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Tgt Ion:105 Resp: 42141
Ion Ratio Lower Upper
105 100
71 8.0 7.2 10.8
51 40.2 35.9 53.9
120 22.7 17.6 26.4





#23

Nitrobenzene-d5

Concen: 88.371 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

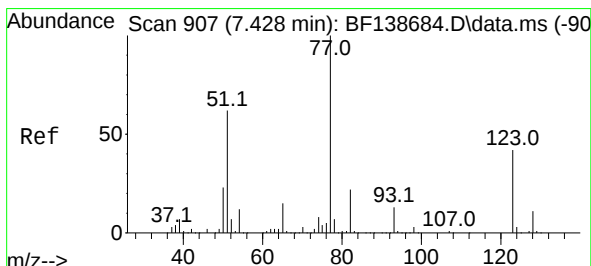
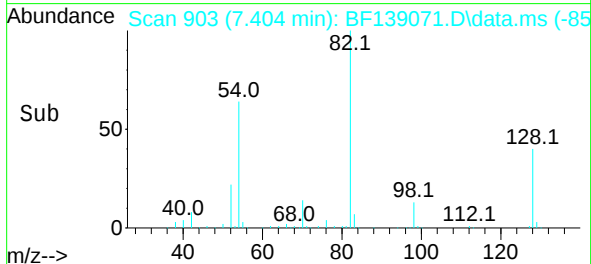
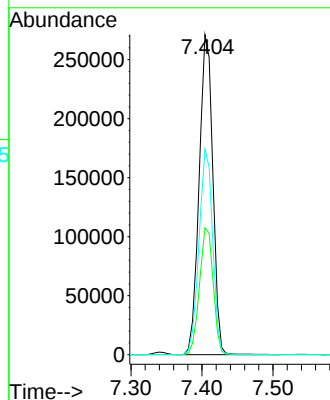
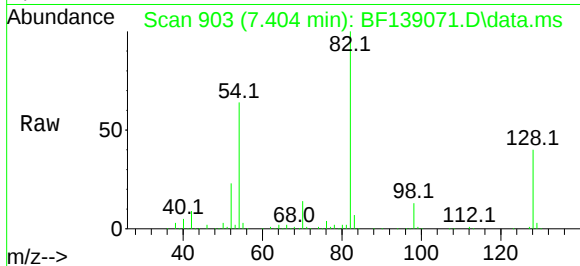
Tgt Ion: 82 Resp: 364436

Ion Ratio Lower Upper

82 100

128 39.7 32.8 49.2

54 64.2 48.3 72.5



#24

Nitrobenzene

Concen: 8.366 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

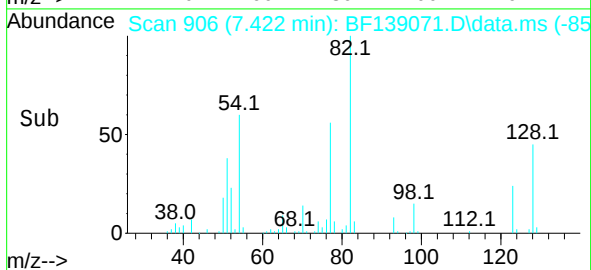
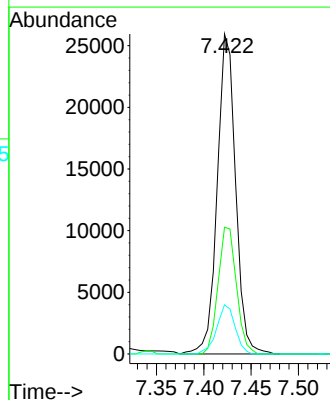
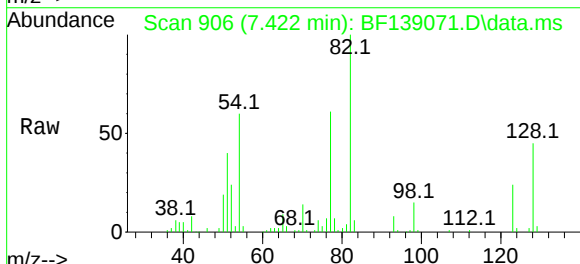
Tgt Ion: 77 Resp: 35107

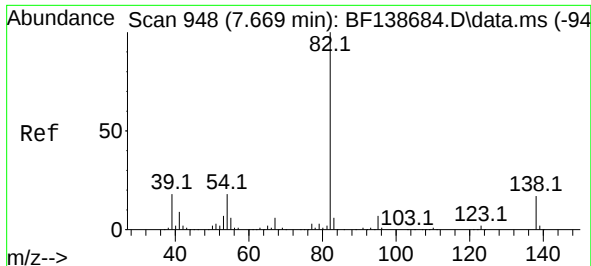
Ion Ratio Lower Upper

77 100

123 39.6 33.3 49.9

65 15.3 11.9 17.9

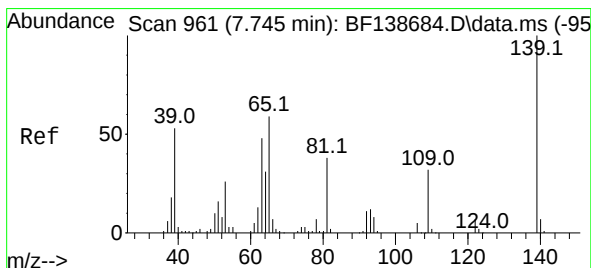
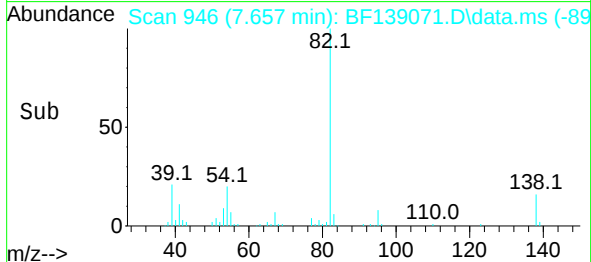
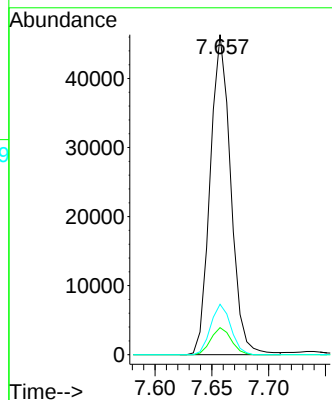
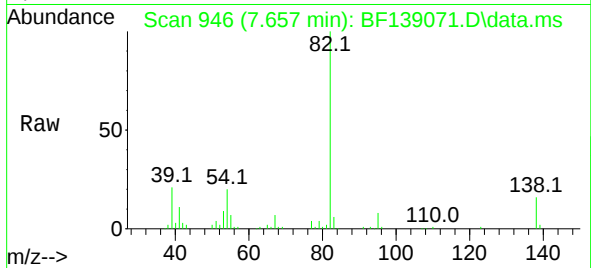




#25
Isophorone
Concen: 8.287 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

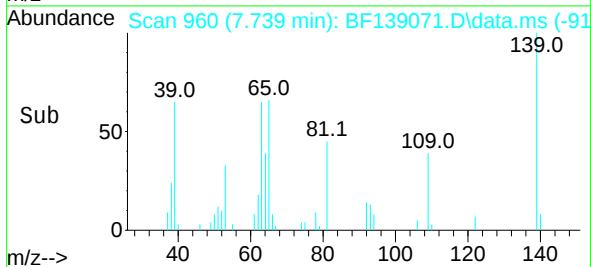
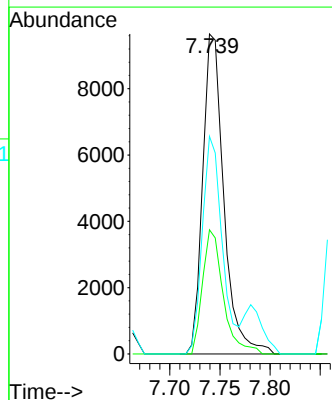
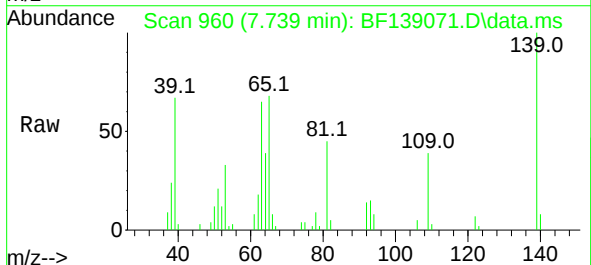
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

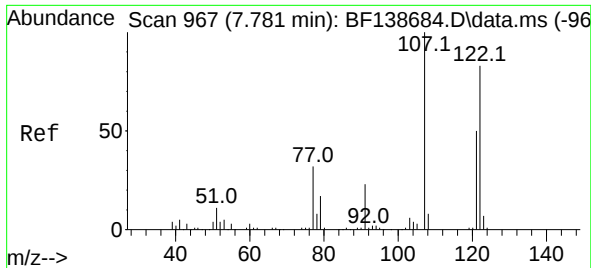
Tgt Ion: 82 Resp: 58356
Ion Ratio Lower Upper
82 100
95 8.4 5.7 8.5
138 15.8 13.7 20.5



#26
2-Nitrophenol
Concen: 7.856 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Tgt Ion:139 Resp: 14184
Ion Ratio Lower Upper
139 100
109 38.8 25.9 38.9
65 68.0 47.0 70.6

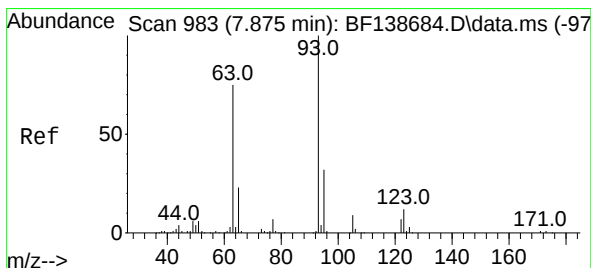
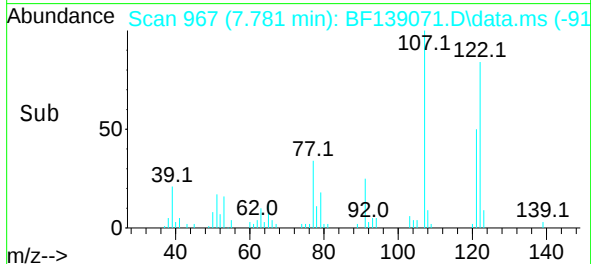
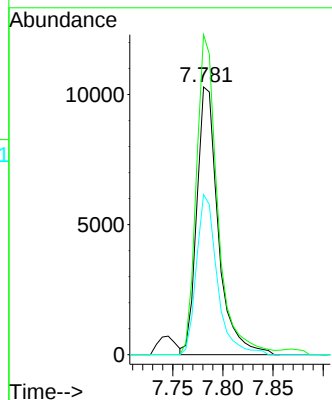
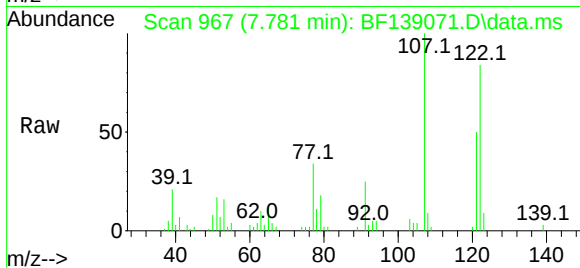




#27
2,4-Dimethylphenol
Concen: 7.113 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

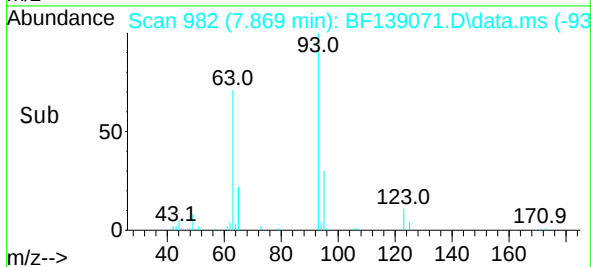
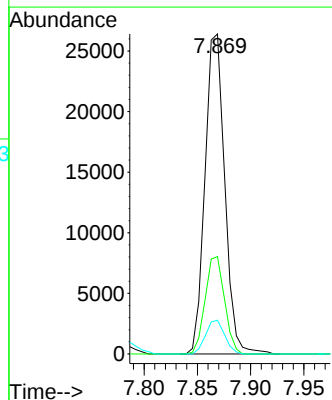
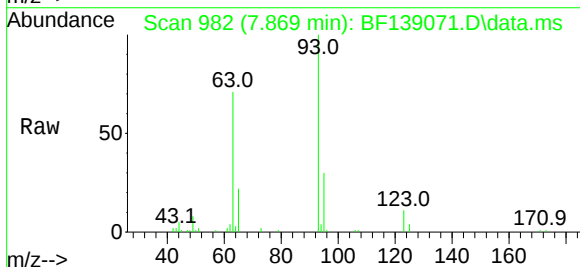
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

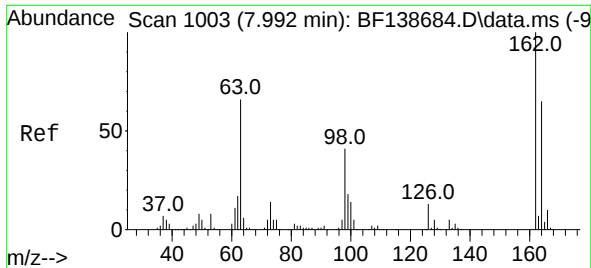
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.5	95.0	142.6
121	59.8	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 7.977 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

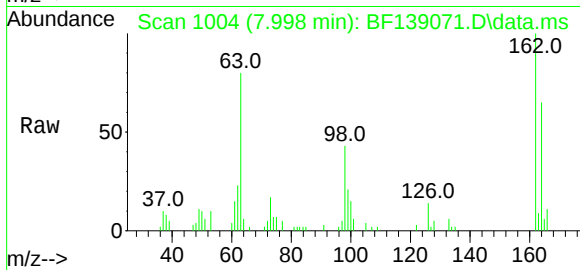
Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.4	25.8	38.8
123	10.5	9.4	14.0



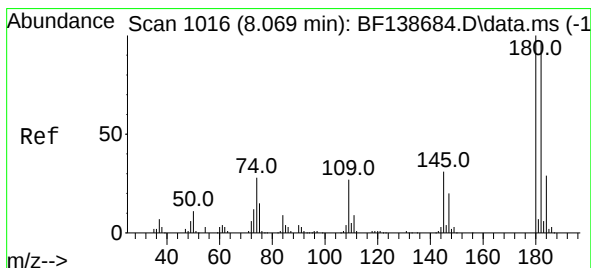
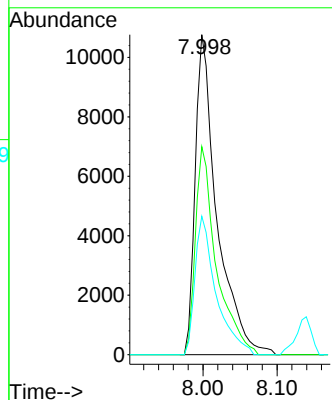
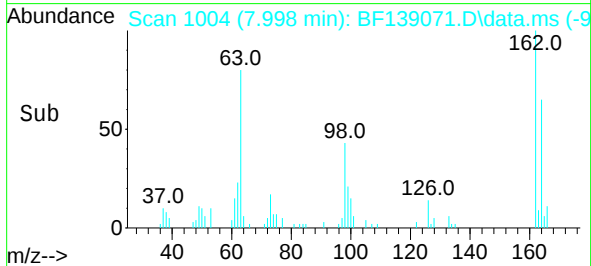


#29
2,4-Dichlorophenol
Concen: 7.895 ng
RT: 7.998 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

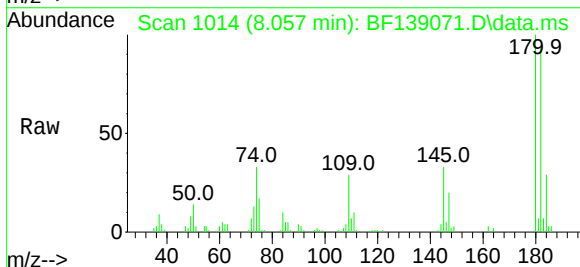
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



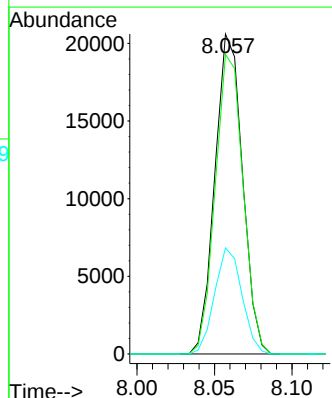
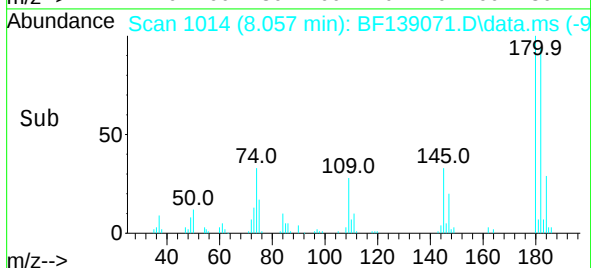
Tgt Ion:162 Resp: 21914
Ion Ratio Lower Upper
162 100
164 65.0 44.7 84.7
98 43.2 20.8 60.8

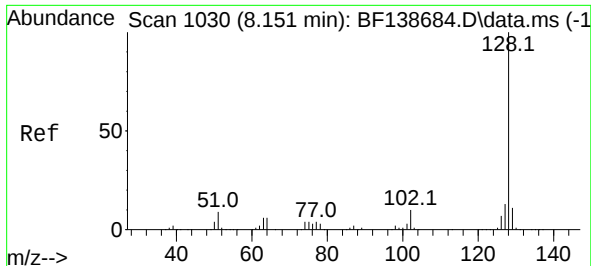


#30
1,2,4-Trichlorobenzene
Concen: 7.965 ng
RT: 8.057 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02



Tgt Ion:180 Resp: 25514
Ion Ratio Lower Upper
180 100
182 93.6 76.9 115.3
145 33.1 25.0 37.4

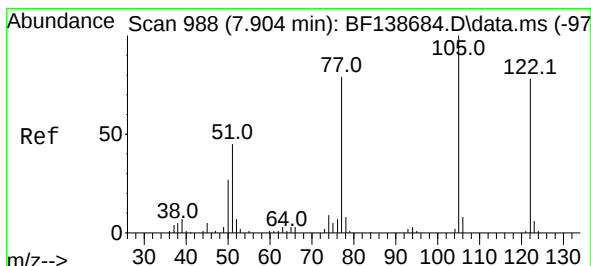
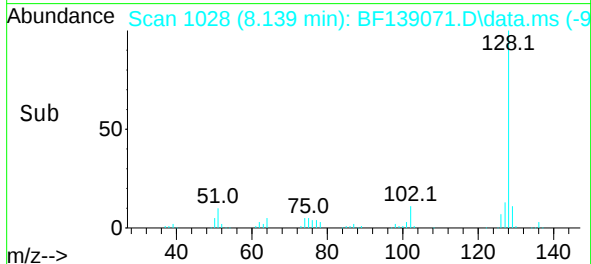
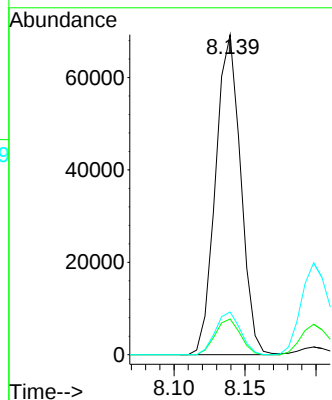
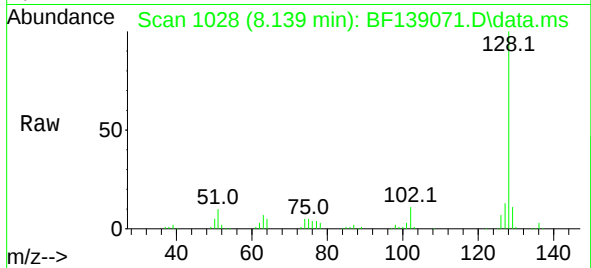




#31
Naphthalene
Concen: 8.016 ng
RT: 8.139 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

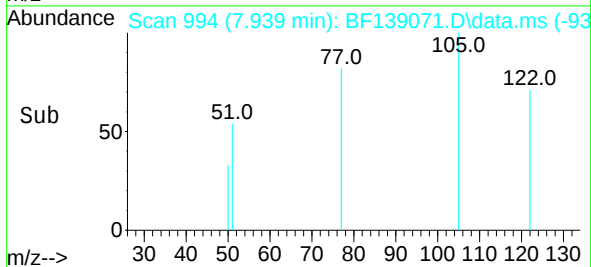
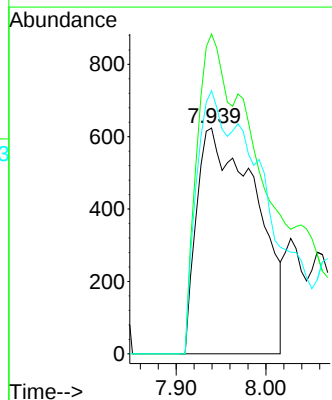
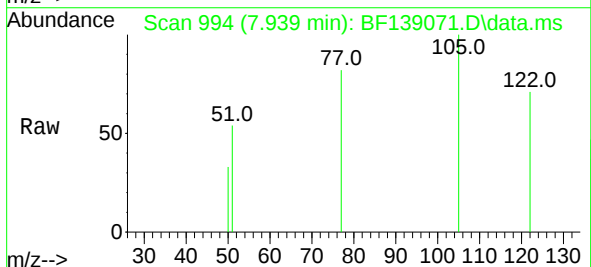
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

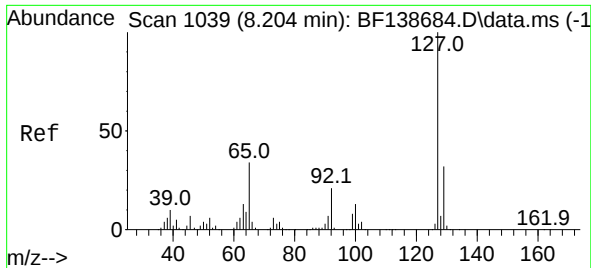
Tgt Ion:128 Resp: 85077
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 1.681 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Tgt Ion:122 Resp: 2855
Ion Ratio Lower Upper
122 100
105 141.7 106.7 146.7
77 116.5 81.1 121.1





#33

4-Chloroaniline

Concen: 8.668 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:127 Resp: 30881

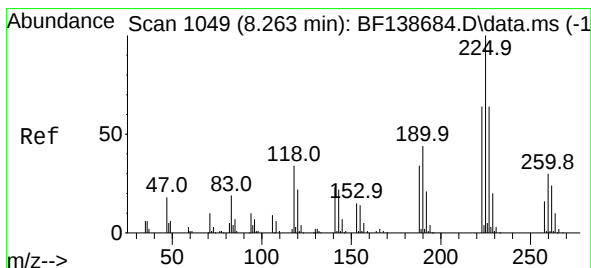
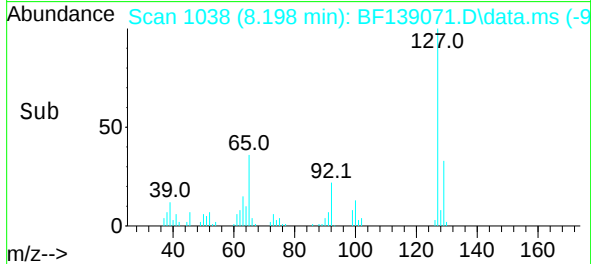
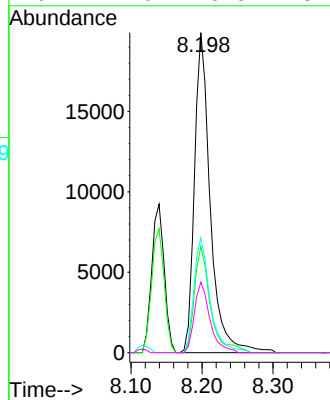
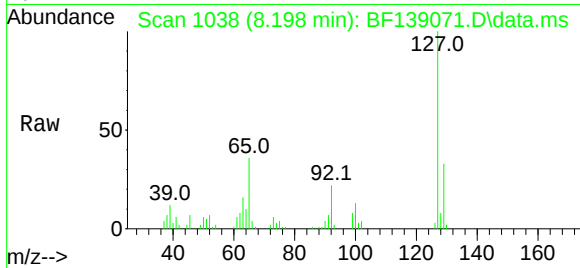
Ion Ratio Lower Upper

127 100

129 33.2 25.9 38.9

65 35.9 27.6 41.4

92 22.0 16.8 25.2



#34

Hexachlorobutadiene

Concen: 8.051 ng

RT: 8.245 min Scan# 1046

Delta R.T. -0.018 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

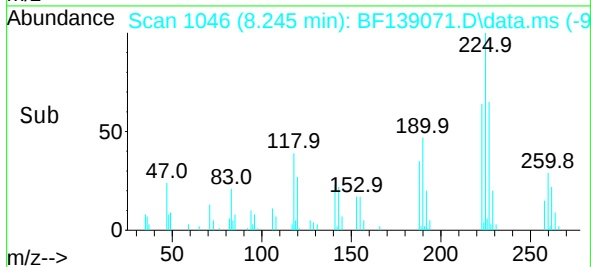
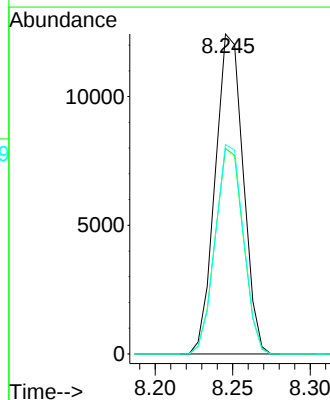
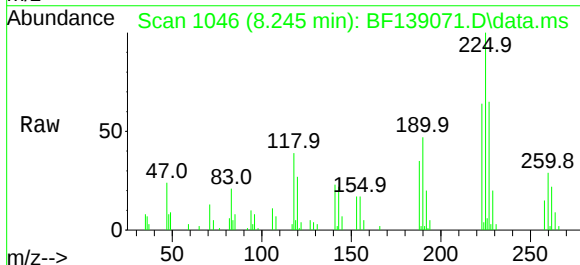
Tgt Ion:225 Resp: 15620

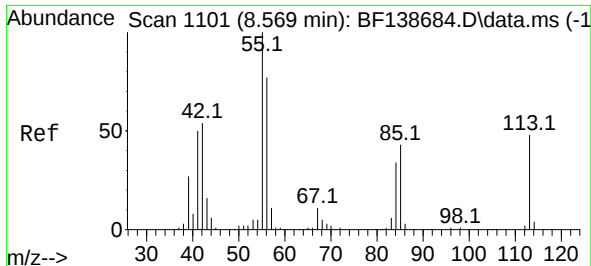
Ion Ratio Lower Upper

225 100

223 64.2 51.2 76.8

227 65.4 51.1 76.7





#35

Caprolactam

Concen: 8.051 ng

RT: 8.545 min Scan# 1101

Delta R.T. -0.024 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

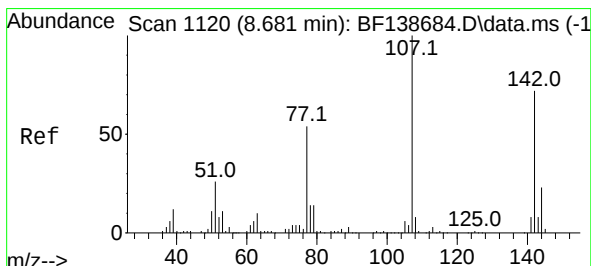
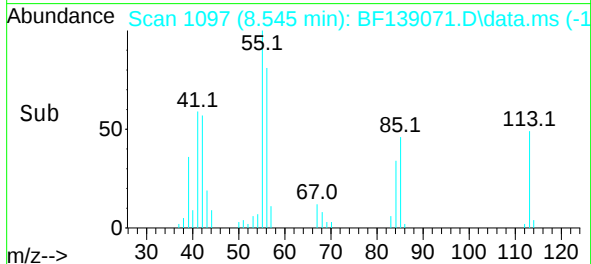
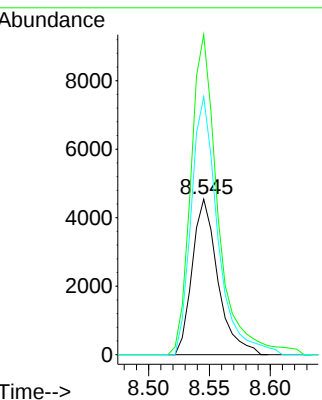
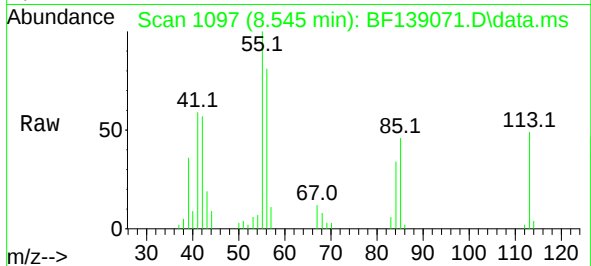
Tgt Ion:113 Resp: 6668

Ion Ratio Lower Upper

113 100

55 205.8 186.7 226.7

56 165.8 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 8.219 ng

RT: 8.686 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

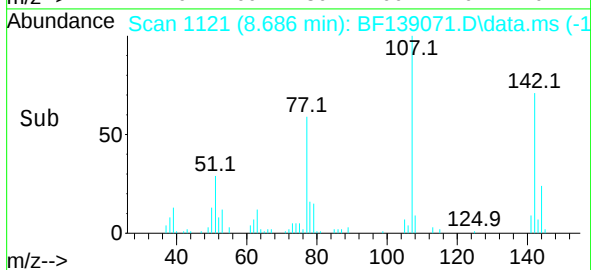
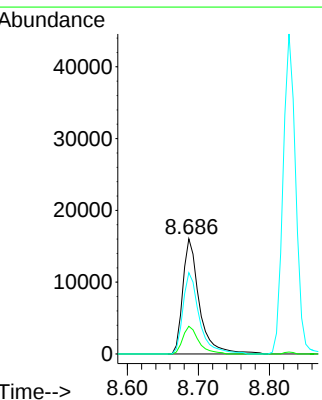
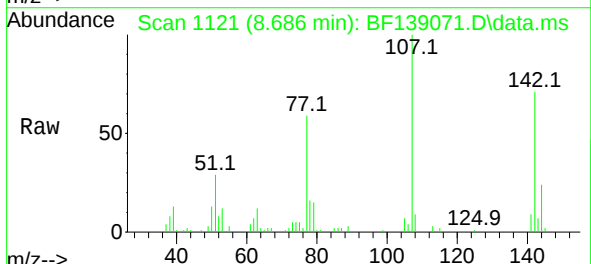
Tgt Ion:107 Resp: 26074

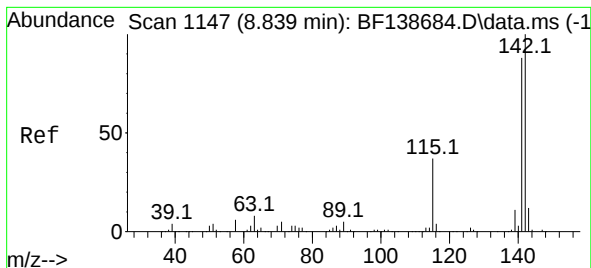
Ion Ratio Lower Upper

107 100

144 24.1 18.2 27.2

142 70.5 57.4 86.2





#37

2-Methylnaphthalene

Concen: 8.198 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

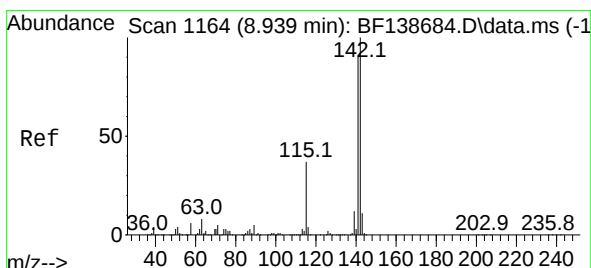
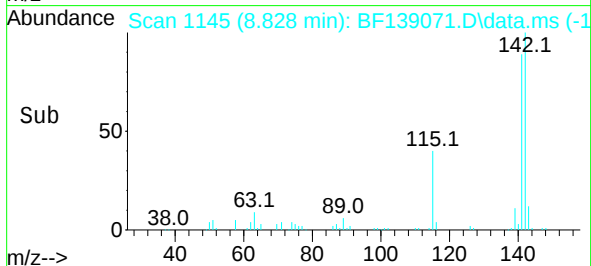
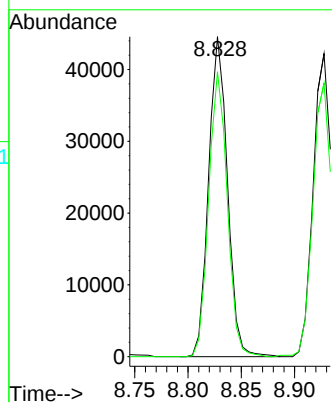
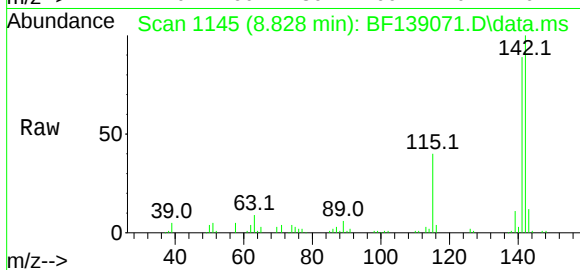
MDL-WATER-03-QT3-2024

Tgt Ion:142 Resp: 54949

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2



#38

1-Methylnaphthalene

Concen: 7.981 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139071.D

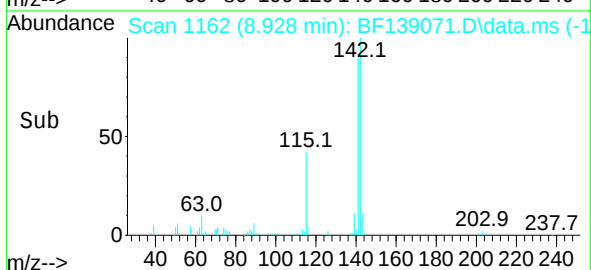
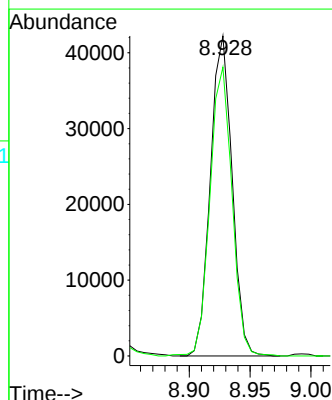
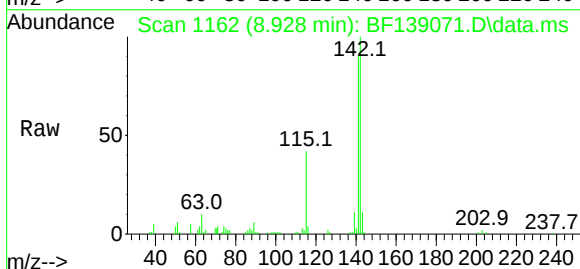
Acq: 19 Aug 2024 13:02

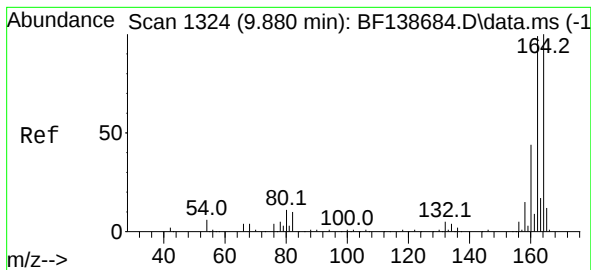
Tgt Ion:142 Resp: 52416

Ion Ratio Lower Upper

142 100

141 90.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

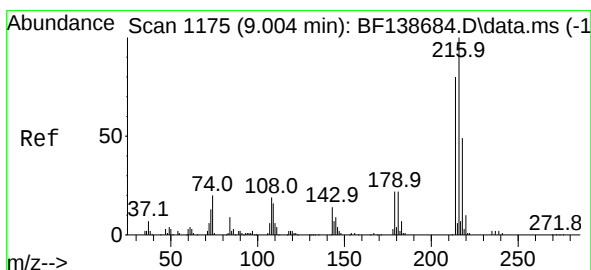
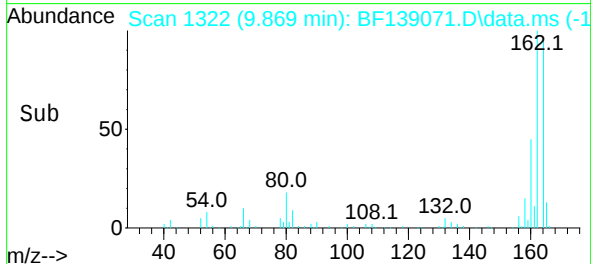
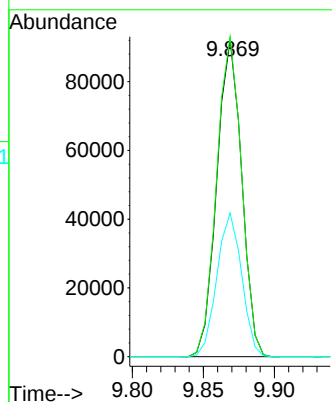
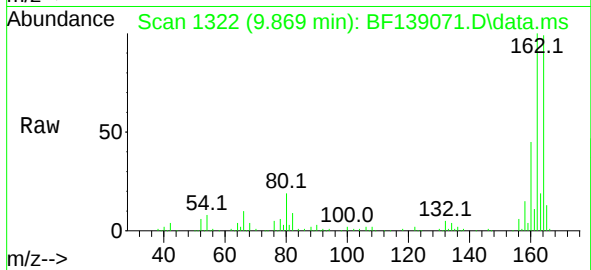
Tgt Ion:164 Resp: 111926

Ion Ratio Lower Upper

164 100

162 101.0 79.4 119.0

160 45.3 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.438 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Tgt Ion:216 Resp: 26234

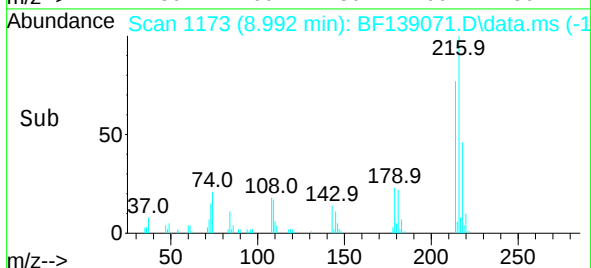
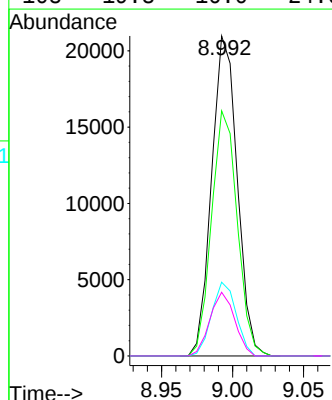
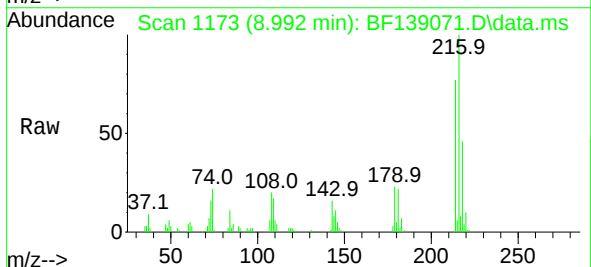
Ion Ratio Lower Upper

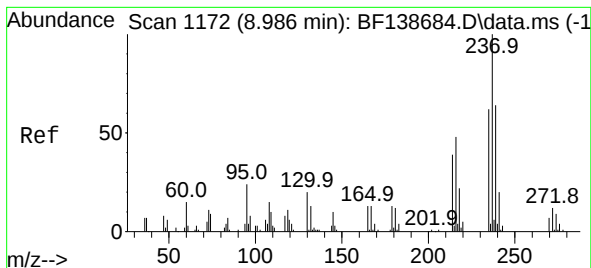
216 100

214 77.0 63.9 95.9

179 22.1 17.8 26.6

108 19.3 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 7.345 ng

RT: 8.975 min Scan# 1172

Delta R.T. -0.011 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

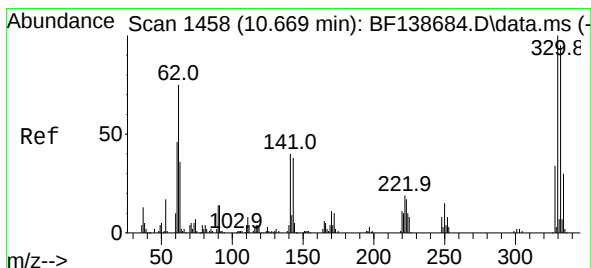
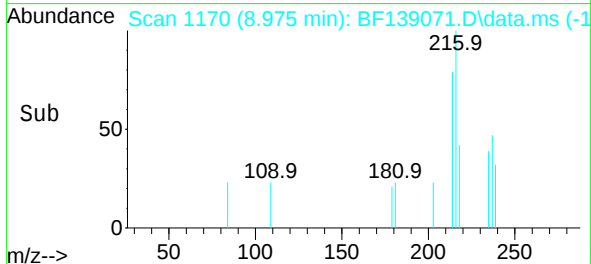
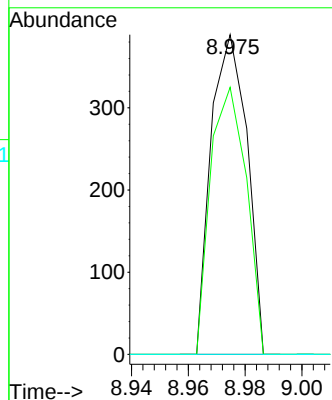
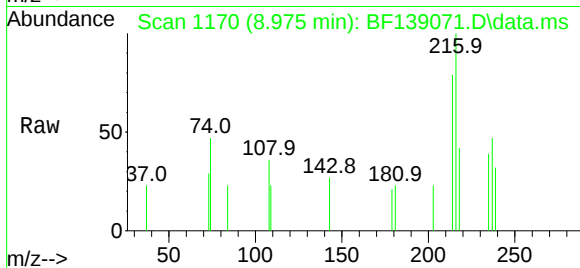
Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:	237	Resp:	342
Ion Ratio	Lower	Upper	
237	100		
235	83.5	41.8	81.8#
272	0.0	0.0	32.2



#42

2,4,6-Tribromophenol

Concen: 133.306 ng

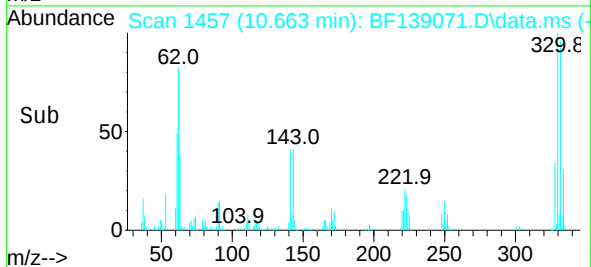
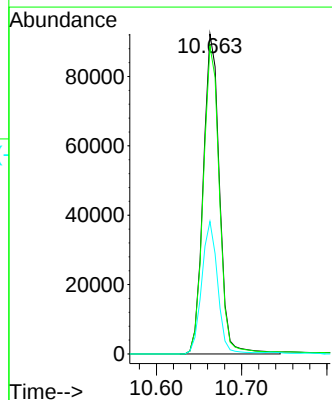
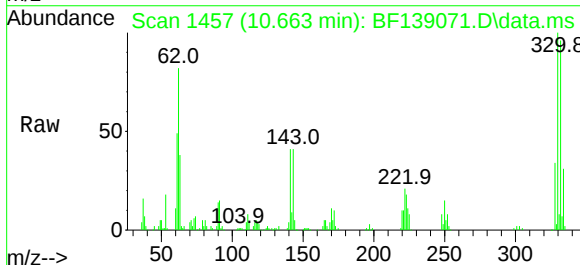
RT: 10.663 min Scan# 1457

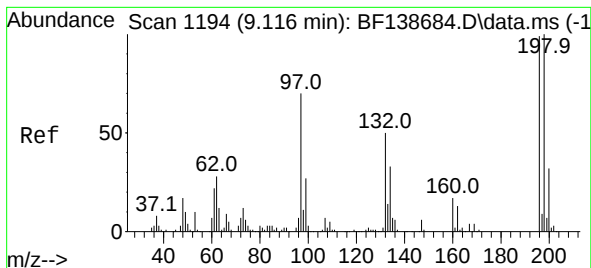
Delta R.T. -0.006 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Tgt Ion:	330	Resp:	122218
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.4	114.6
141	40.5	31.1	46.7





#43

2,4,6-Trichlorophenol

Concen: 7.226 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

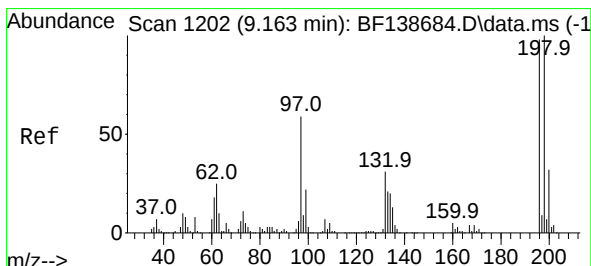
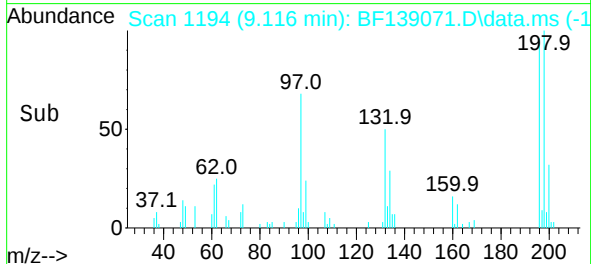
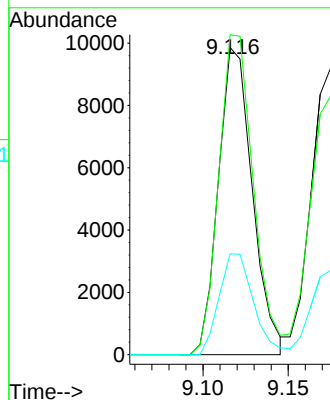
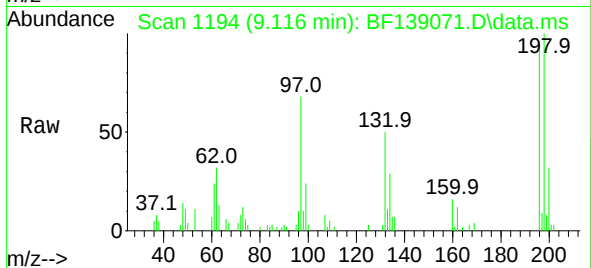
Tgt Ion:196 Resp: 13698

Ion Ratio Lower Upper

196 100

198 104.1 80.5 120.7

200 32.8 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 8.085 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Tgt Ion:196 Resp: 16756

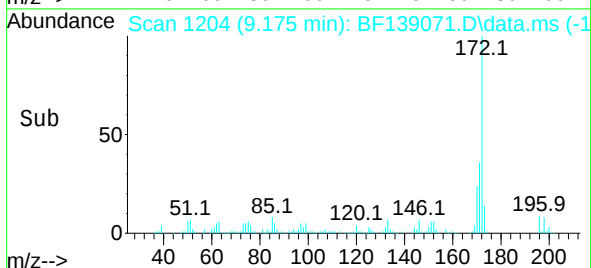
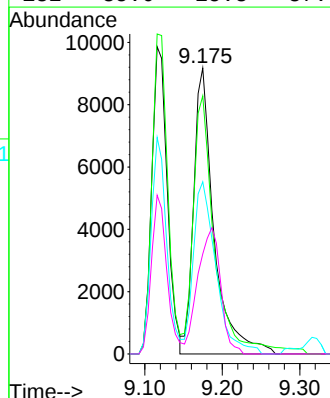
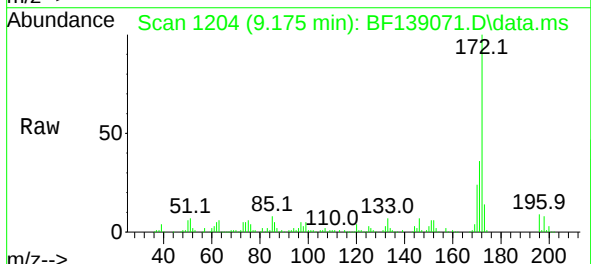
Ion Ratio Lower Upper

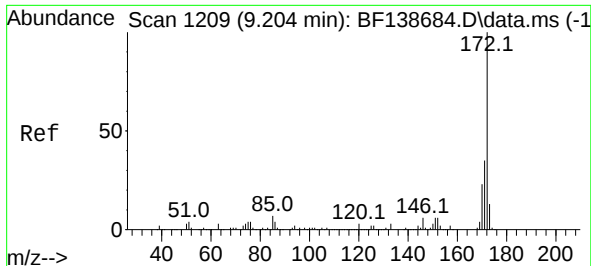
196 100

198 90.2 81.2 121.8

97 60.2 47.8 71.6

132 35.0 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 89.421 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

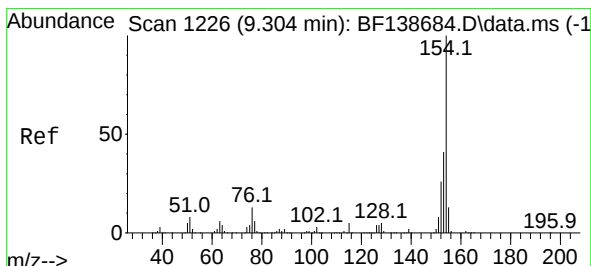
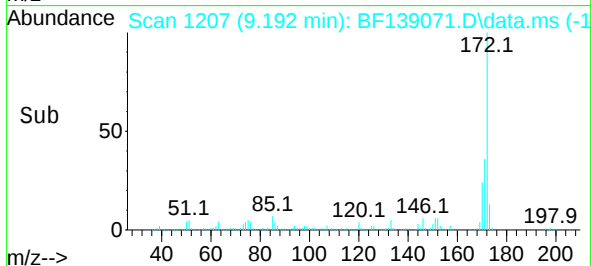
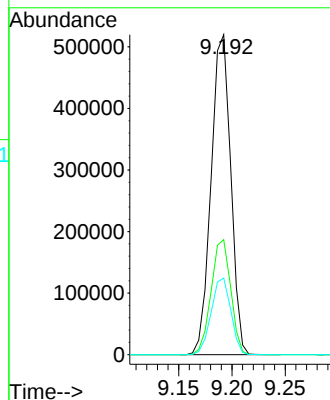
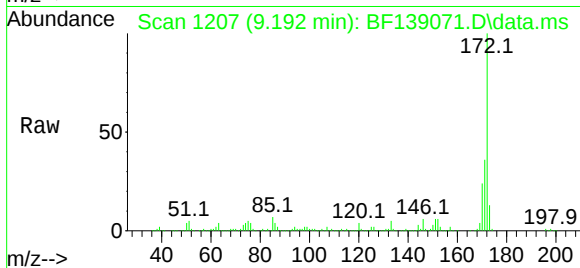
Tgt Ion:172 Resp: 666126

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 24.0 18.8 28.2



#46

1,1'-Biphenyl

Concen: 8.298 ng

RT: 9.286 min Scan# 1223

Delta R.T. -0.018 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

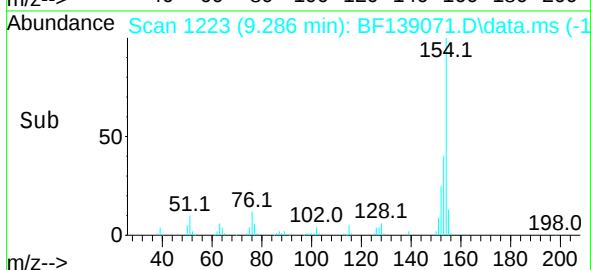
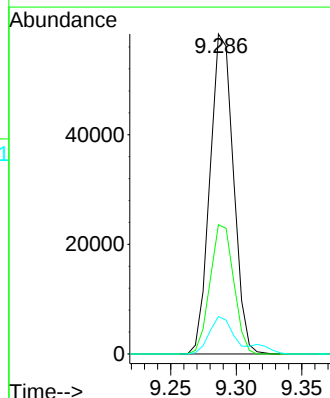
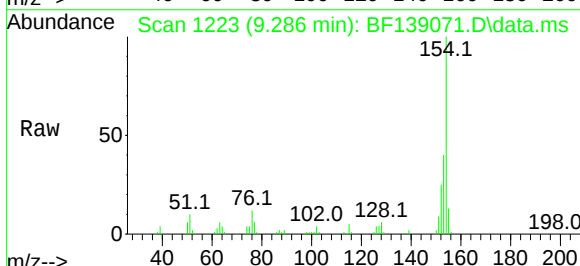
Tgt Ion:154 Resp: 72736

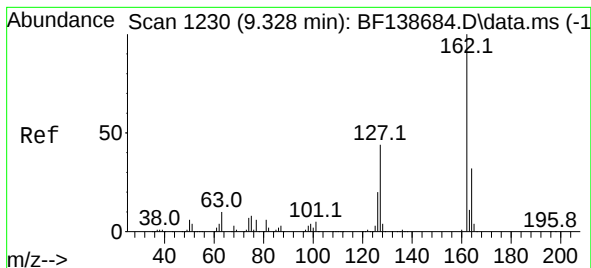
Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

76 11.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 8.052 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

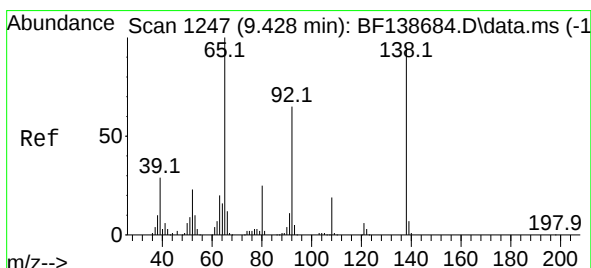
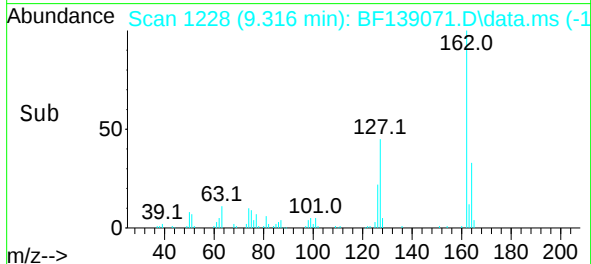
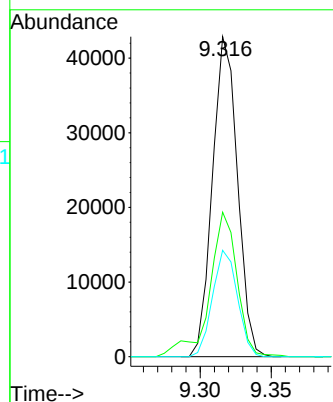
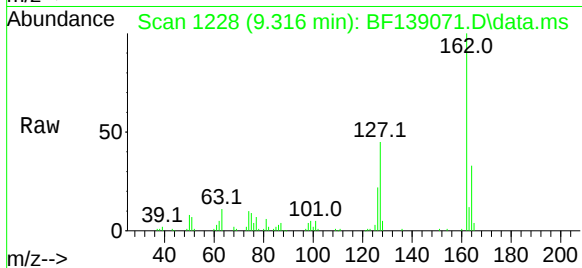
Tgt Ion:162 Resp: 52497

Ion Ratio Lower Upper

162 100

127 45.1 35.4 53.2

164 33.3 25.6 38.4



#48

2-Nitroaniline

Concen: 8.499 ng

RT: 9.422 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

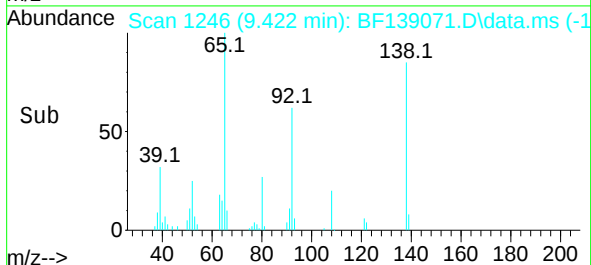
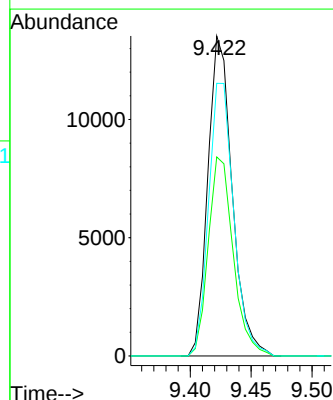
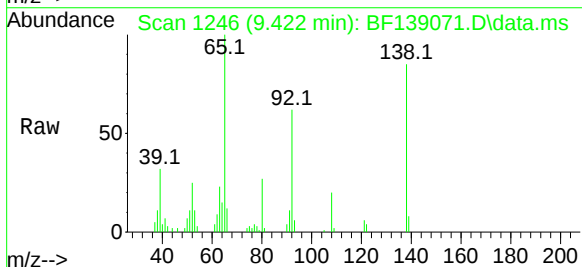
Tgt Ion: 65 Resp: 18784

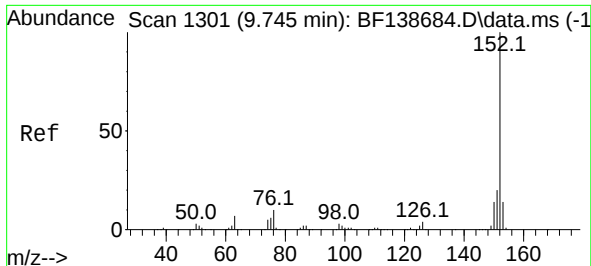
Ion Ratio Lower Upper

65 100

92 62.2 52.0 78.0

138 85.2 76.2 114.4





#49

Acenaphthylene

Concen: 8.839 ng

RT: 9.728 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF139071.D

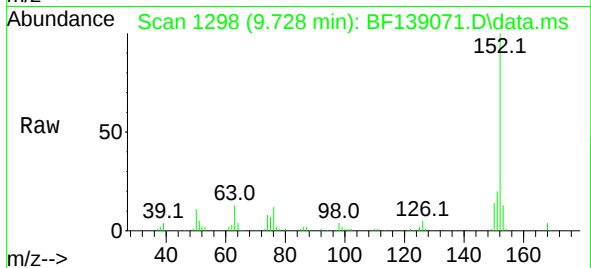
Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024



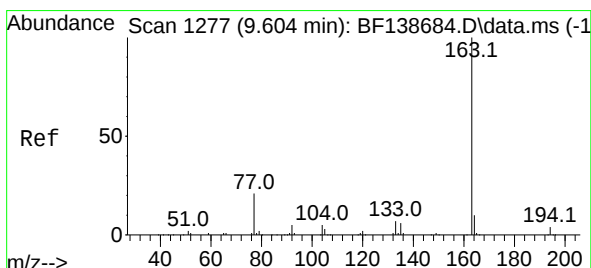
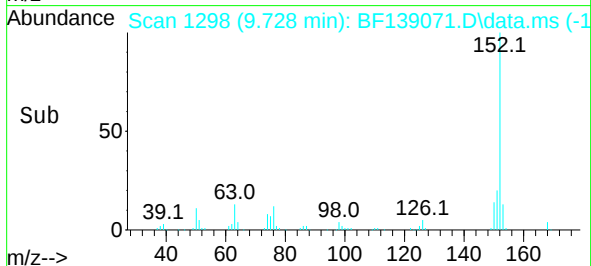
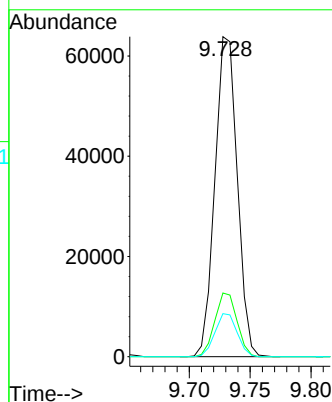
Tgt Ion:152 Resp: 81727

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.4 11.0 16.4



#50

Dimethylphthalate

Concen: 8.790 ng

RT: 9.586 min Scan# 1274

Delta R.T. -0.018 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

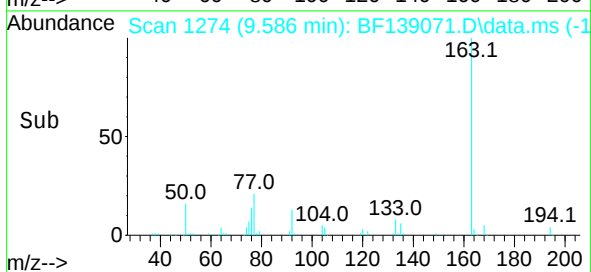
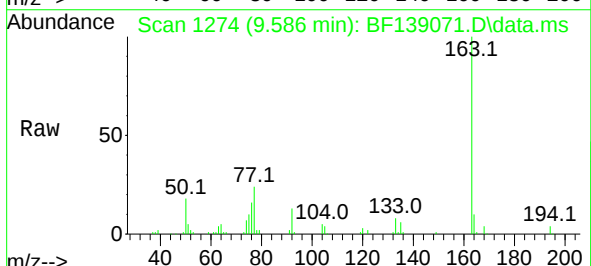
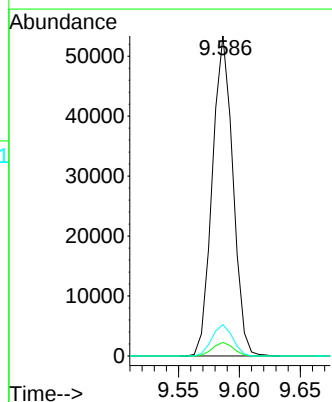
Tgt Ion:163 Resp: 62905

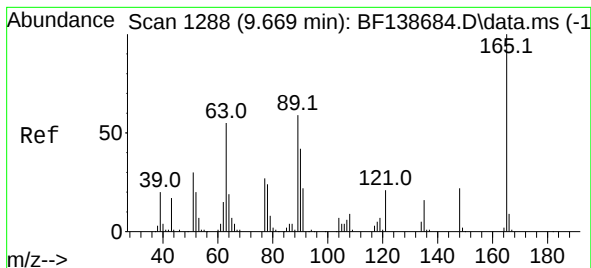
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 9.8 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 8.303 ng

RT: 9.657 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

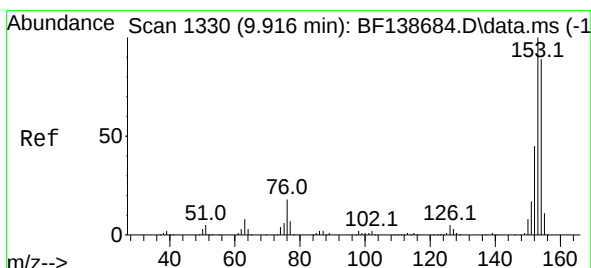
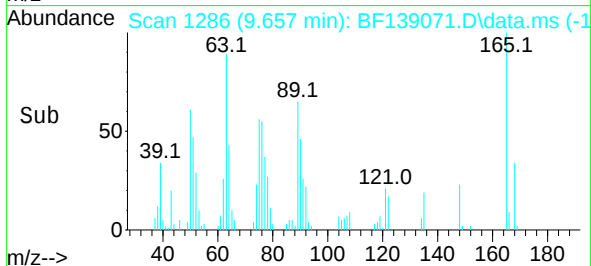
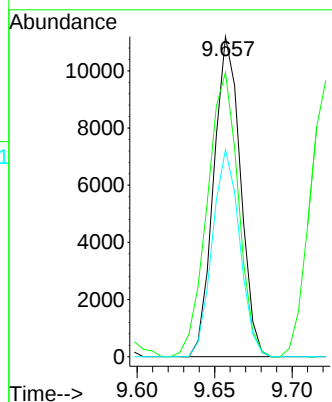
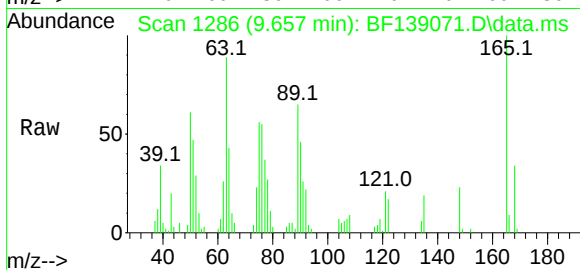
Tgt Ion:165 Resp: 13411

Ion Ratio Lower Upper

165 100

63 88.8 52.0 78.0#

89 64.7 47.0 70.6



#52

Acenaphthene

Concen: 8.239 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

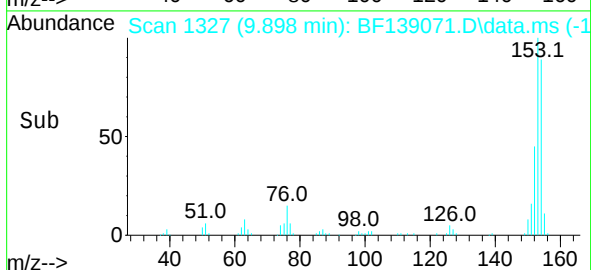
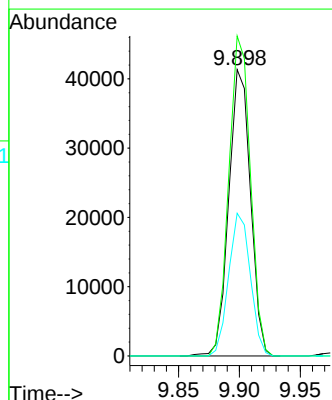
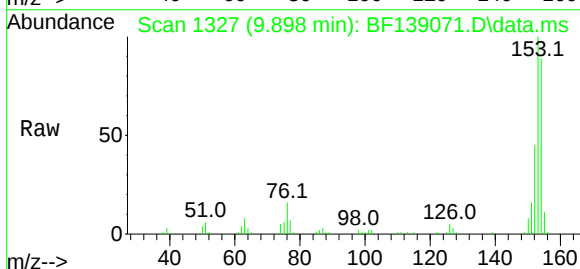
Tgt Ion:154 Resp: 51209

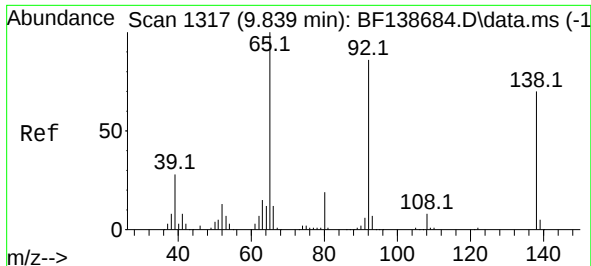
Ion Ratio Lower Upper

154 100

153 111.7 89.9 134.9

152 49.8 40.6 60.8





#53

3-Nitroaniline

Concen: 7.473 ng

RT: 9.839 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

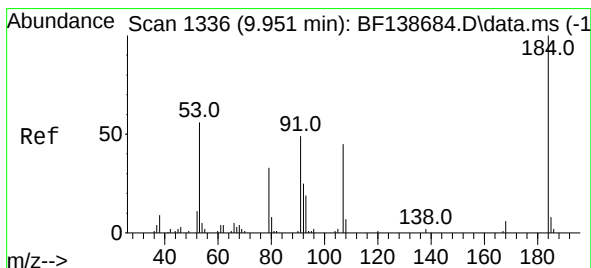
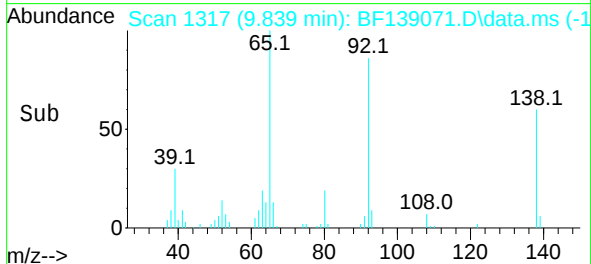
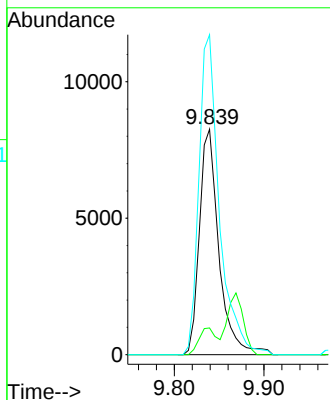
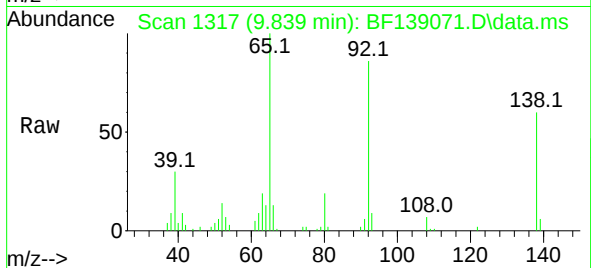
Tgt Ion:138 Resp: 12477

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

92 141.9 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 2.373 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.029 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

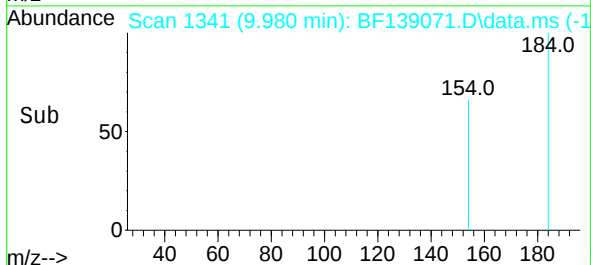
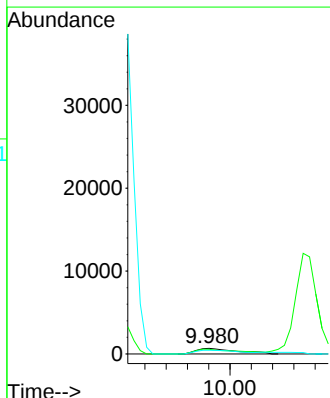
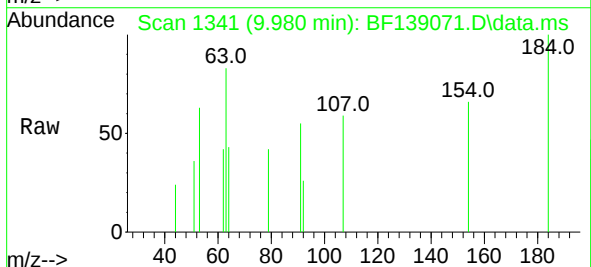
Tgt Ion:184 Resp: 1764

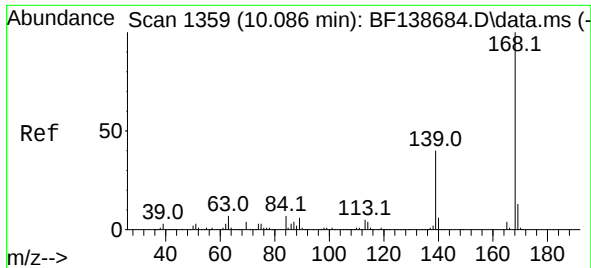
Ion Ratio Lower Upper

184 100

63 82.6 57.5 86.3

154 65.9 51.7 77.5

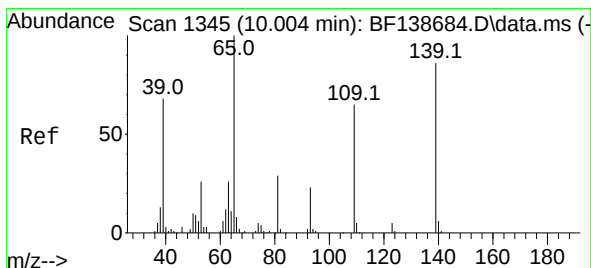
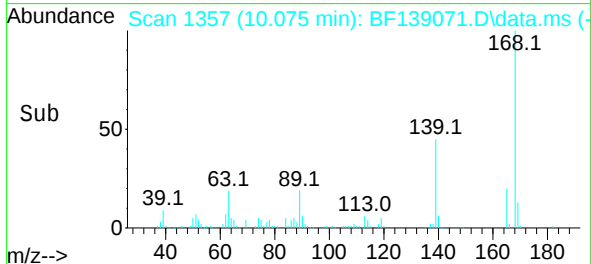
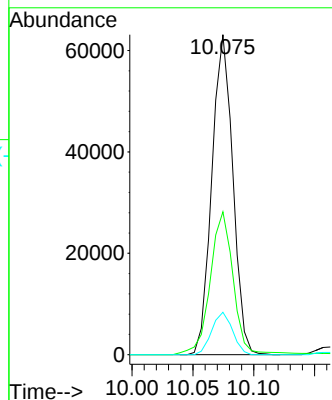
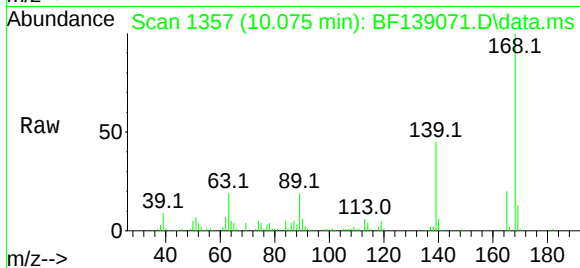




#55
Dibenzenofuran
Concen: 8.591 ng
RT: 10.075 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

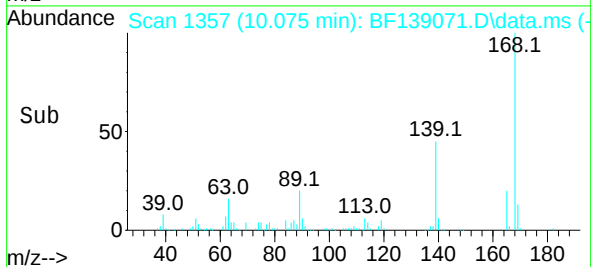
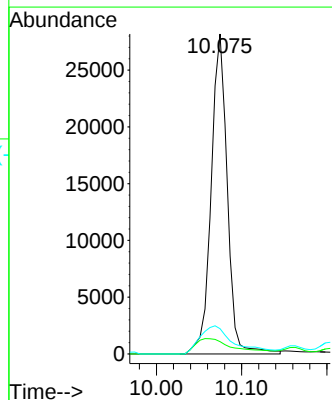
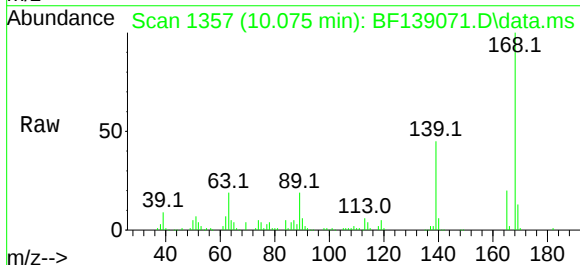
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

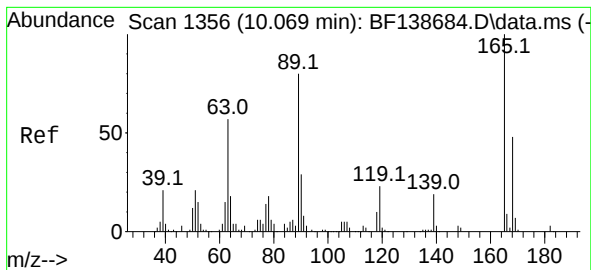
Tgt Ion:168 Resp: 75375
Ion Ratio Lower Upper
168 100
139 44.7 32.6 49.0
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 37.058 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.071 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Tgt Ion:139 Resp: 37209
Ion Ratio Lower Upper
139 100
109 3.9 55.5 95.5#
65 7.9 96.7 136.7#

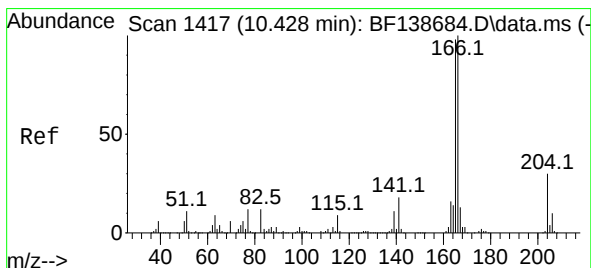
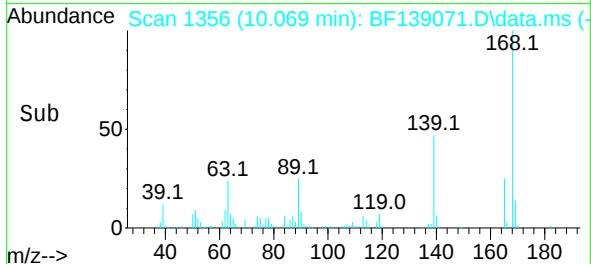
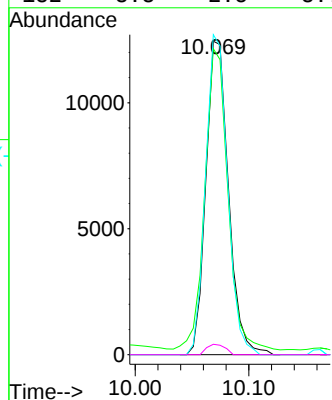
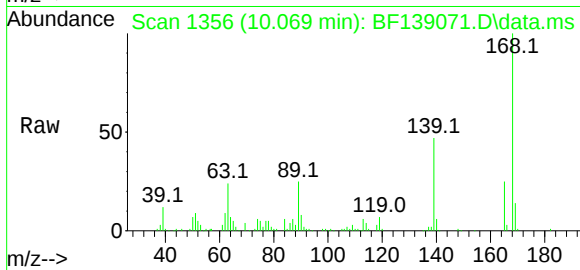




#57
2,4-Dinitrotoluene
Concen: 8.352 ng
RT: 10.069 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

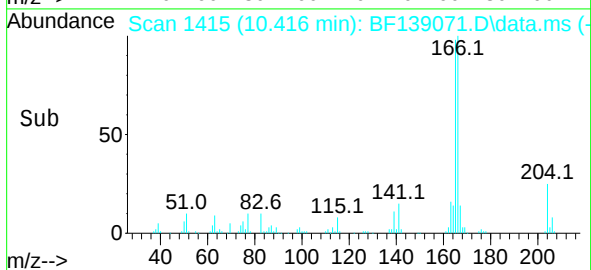
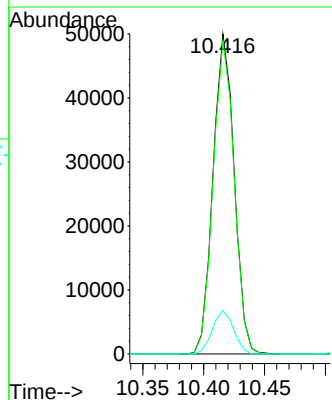
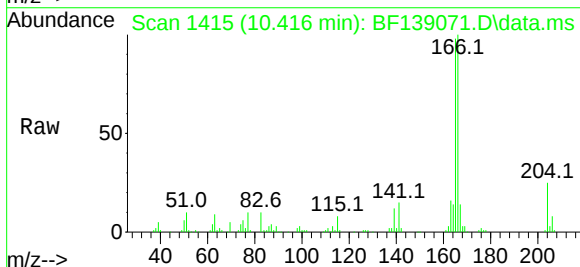
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

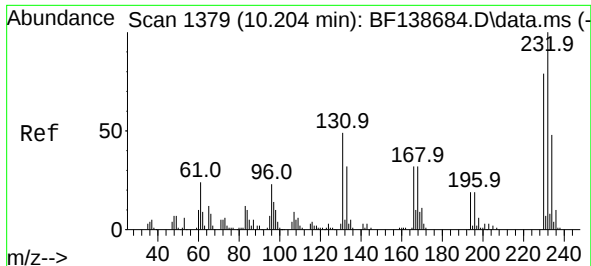
Tgt Ion:165 Resp: 17211
Ion Ratio Lower Upper
165 100
63 97.6 46.3 69.5#
89 102.1 64.2 96.4#
182 3.3 2.5 3.7



#58
Fluorene
Concen: 8.643 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Tgt Ion:166 Resp: 60392
Ion Ratio Lower Upper
166 100
165 97.7 78.4 117.6
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.638 ng

RT: 10.204 min Scan# 1379

Delta R.T. -0.000 min

Lab File: BF139071.D

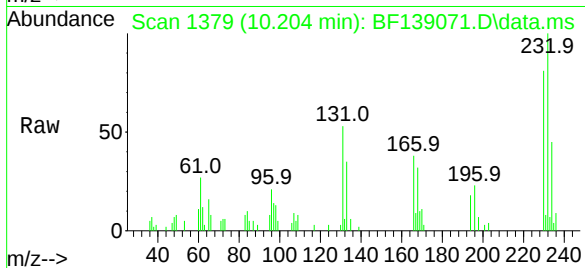
Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:232 Resp: 10517

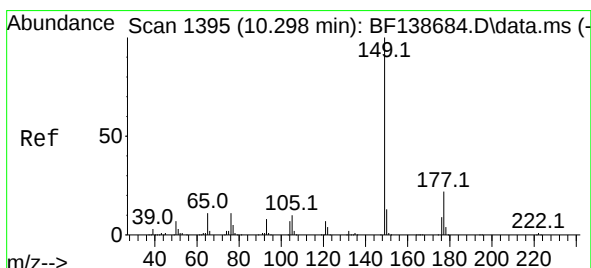
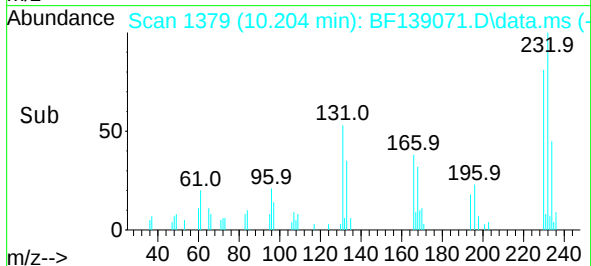
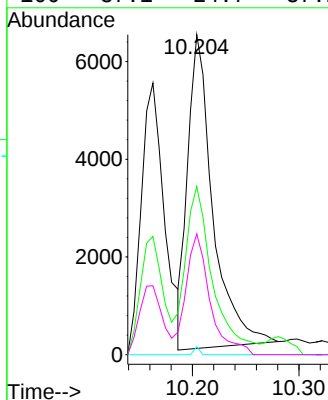
Ion Ratio Lower Upper

232 100

131 59.5 37.0 55.4#

130 0.6 2.0 3.0#

166 37.1 24.7 37.1#



#60

Diethylphthalate

Concen: 9.363 ng

RT: 10.286 min Scan# 1393

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

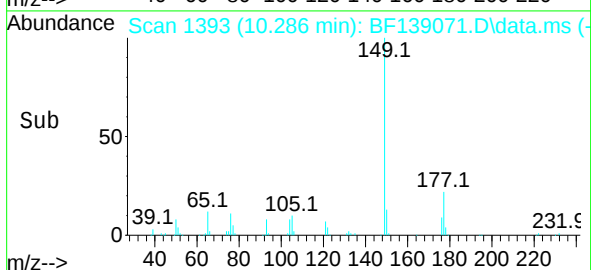
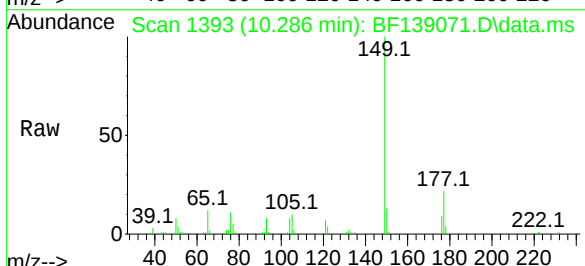
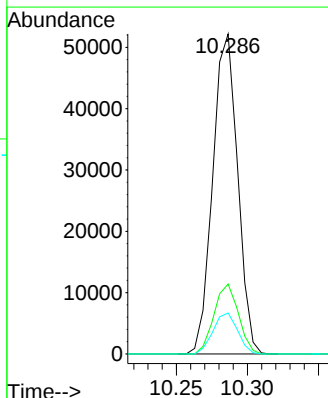
Tgt Ion:149 Resp: 63532

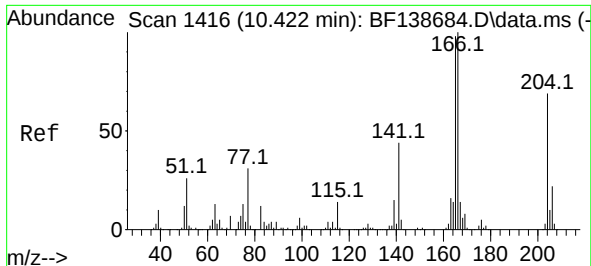
Ion Ratio Lower Upper

149 100

177 21.8 17.8 26.8

150 12.8 10.1 15.1





#61

4-Chlorophenyl-phenylether

Concen: 8.720 ng

RT: 10.404 min Scan# 1413

Delta R.T. -0.018 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

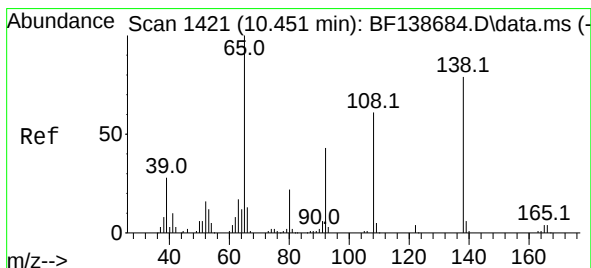
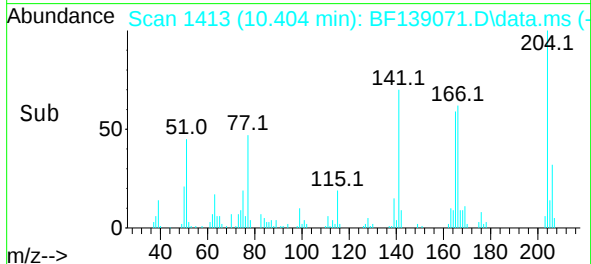
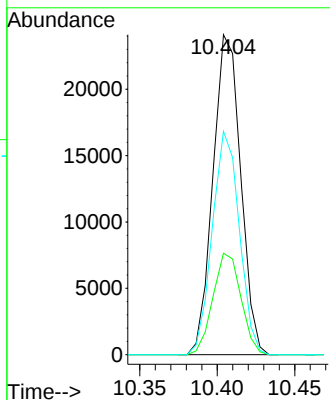
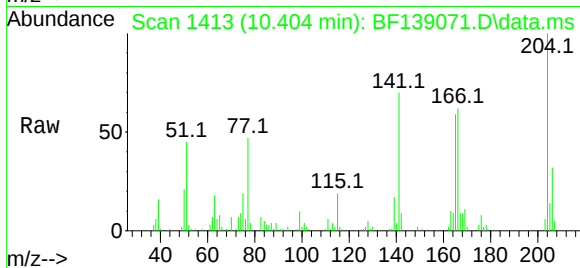
Tgt Ion:204 Resp: 29964

Ion Ratio Lower Upper

204 100

206 31.7 26.1 39.1

141 69.8 51.4 77.0



#62

4-Nitroaniline

Concen: 7.568 ng

RT: 10.451 min Scan# 1421

Delta R.T. -0.000 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

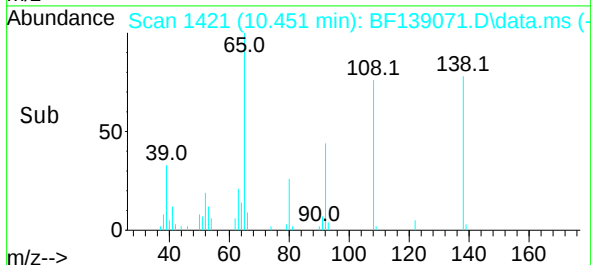
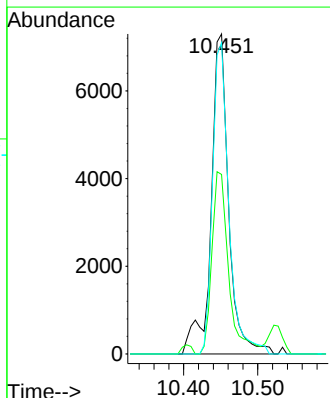
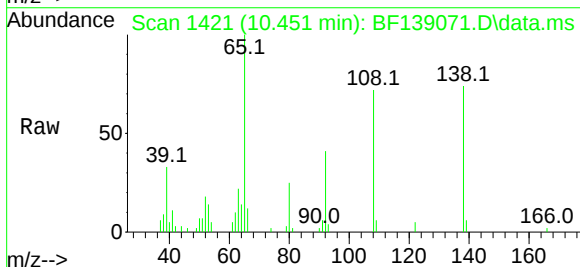
Tgt Ion:138 Resp: 12008

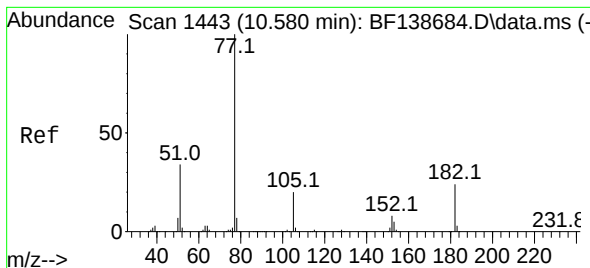
Ion Ratio Lower Upper

138 100

92 56.1 34.2 74.2

108 97.3 56.2 96.2#





#63

Azobenzene

Concen: 8.703 ng

RT: 10.569 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion: 77 Resp: 65503

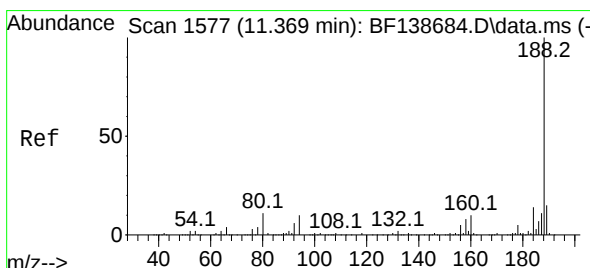
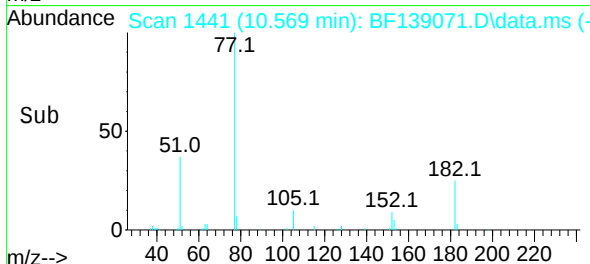
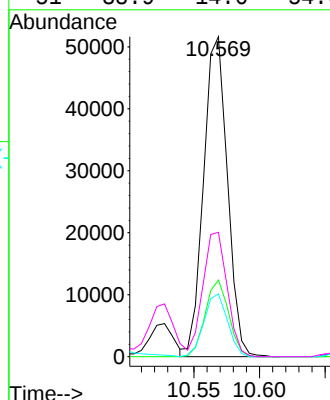
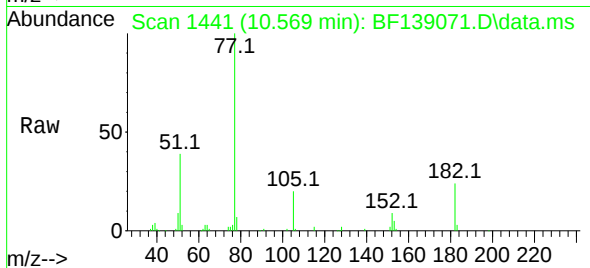
Ion Ratio Lower Upper

77 100

182 23.9 3.4 43.4

105 19.6 0.2 40.2

51 38.9 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1575

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

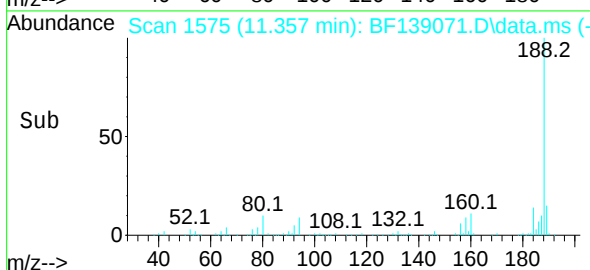
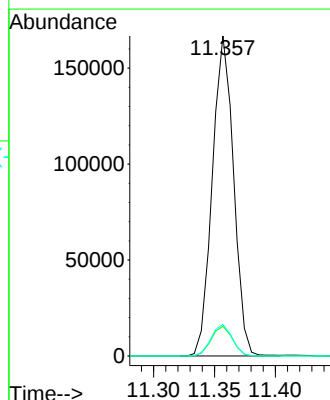
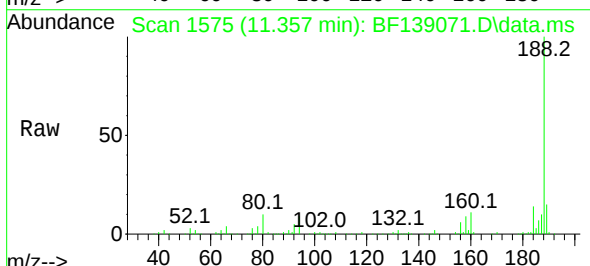
Tgt Ion: 188 Resp: 202258

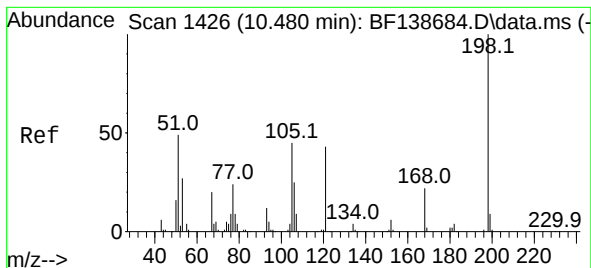
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.9 8.6 12.8

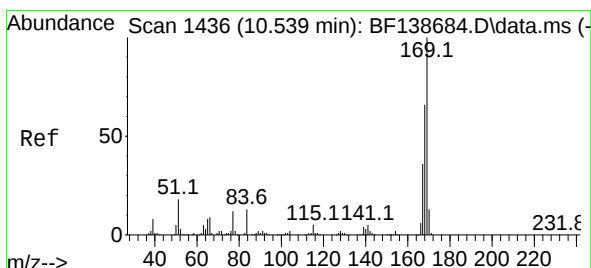
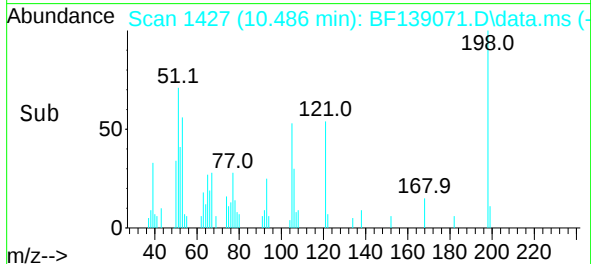
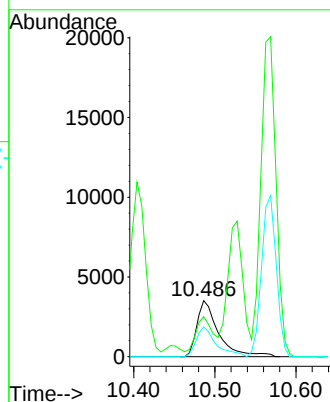
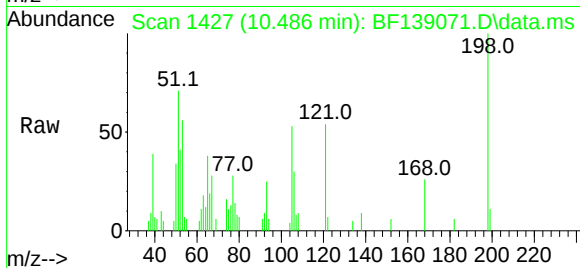




#65
4,6-Dinitro-2-methylphenol
Concen: 5.273 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

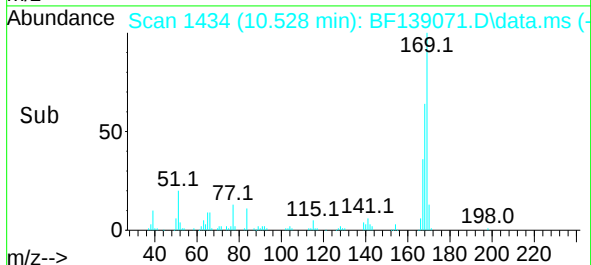
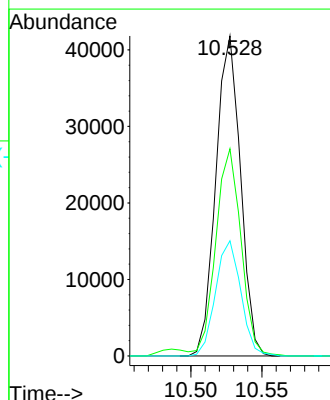
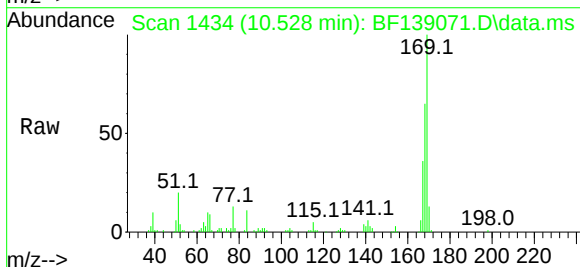
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

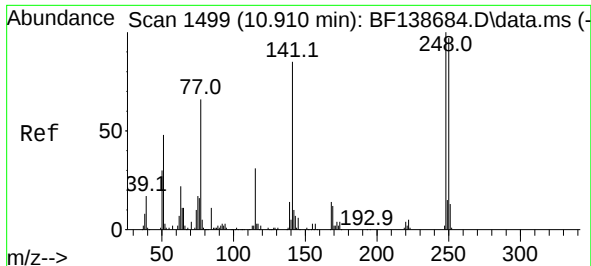
Tgt Ion:198 Resp: 6507
Ion Ratio Lower Upper
198 100
51 71.4 39.9 79.9
105 53.1 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 7.990 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Tgt Ion:169 Resp: 50515
Ion Ratio Lower Upper
169 100
168 64.8 53.0 79.6
167 36.0 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 7.703 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

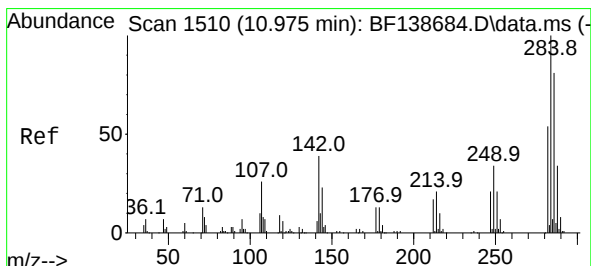
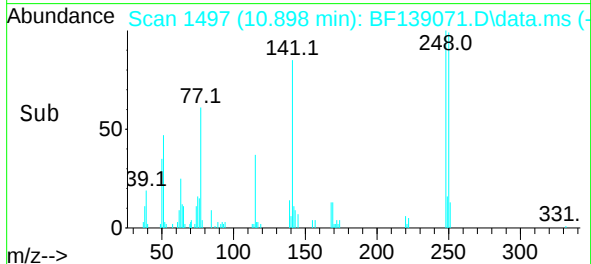
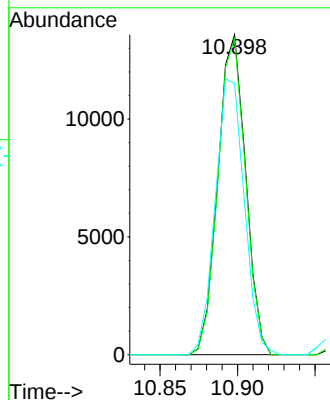
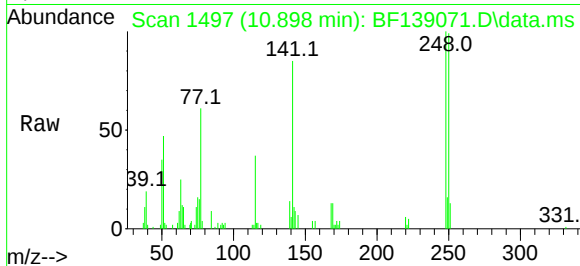
Tgt Ion:248 Resp: 16869

Ion Ratio Lower Upper

248 100

250 98.7 77.7 116.5

141 84.8 68.0 102.0



#68

Hexachlorobenzene

Concen: 7.641 ng

RT: 10.963 min Scan# 1508

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

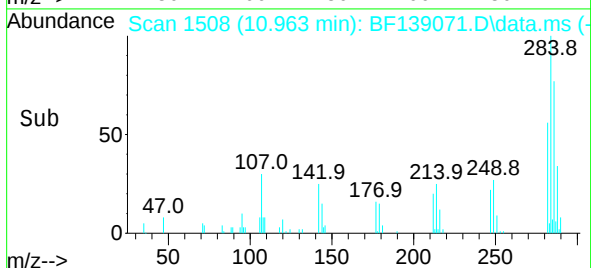
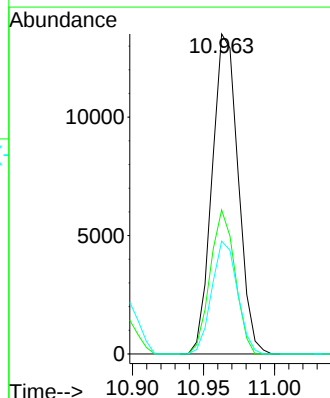
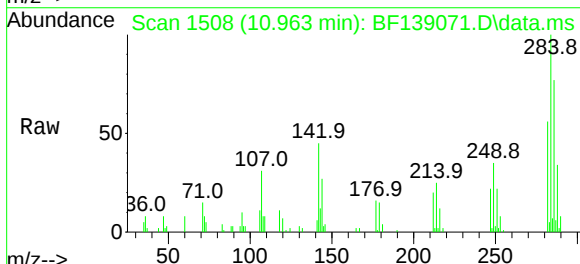
Tgt Ion:284 Resp: 17276

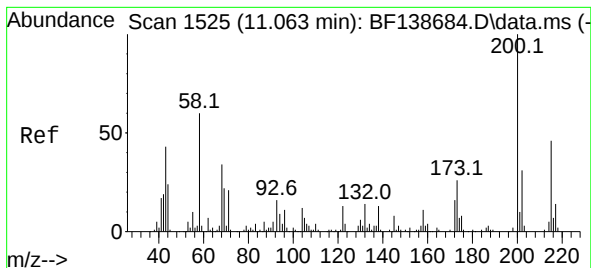
Ion Ratio Lower Upper

284 100

142 45.0 31.3 46.9

249 35.3 27.2 40.8





#69

Atrazine

Concen: 10.143 ng

RT: 11.051 min Scan# 1523

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

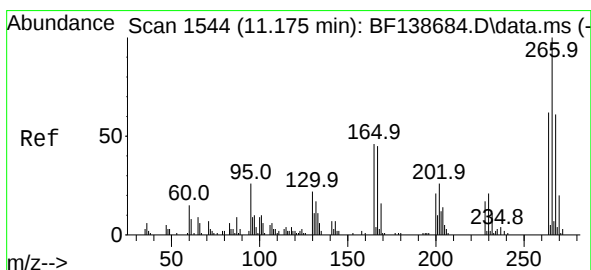
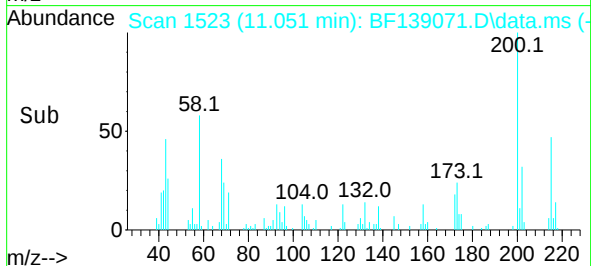
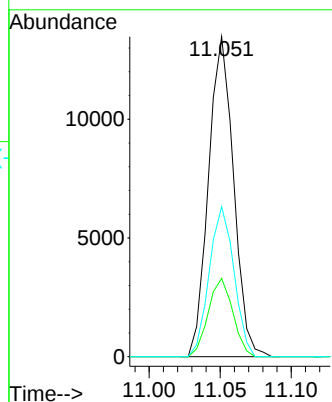
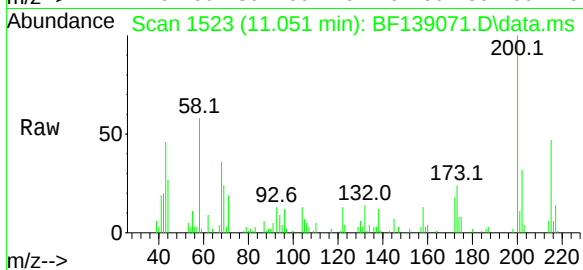
Tgt Ion:200 Resp: 16545

Ion Ratio Lower Upper

200 100

173 24.5 6.0 46.0

215 46.9 26.1 66.1



#70

Pentachlorophenol

Concen: 1.342 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.017 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

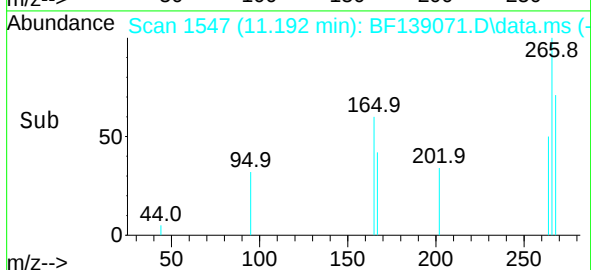
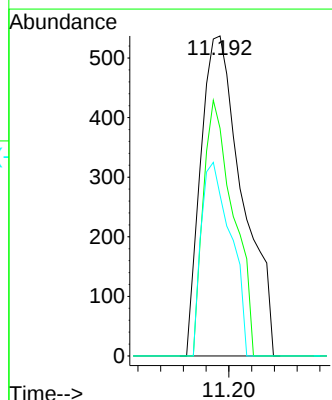
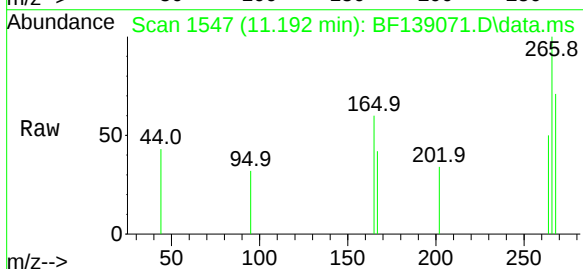
Tgt Ion:266 Resp: 1368

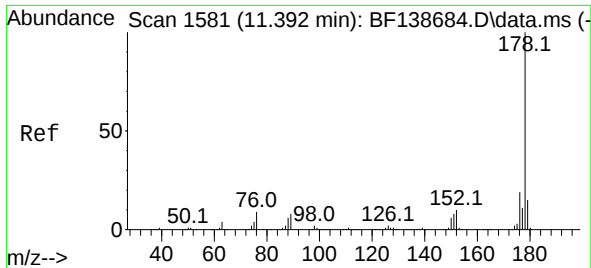
Ion Ratio Lower Upper

266 100

268 71.1 49.2 73.8

264 50.3 49.8 74.6

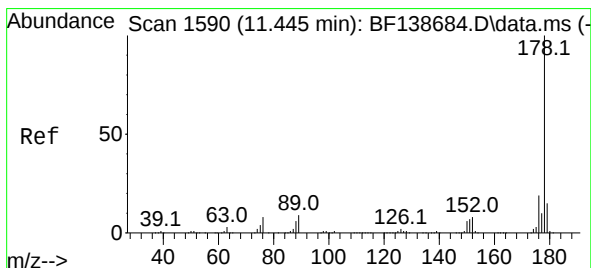
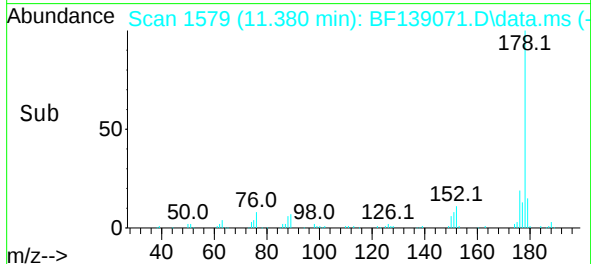
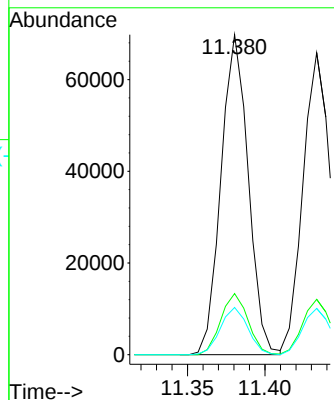
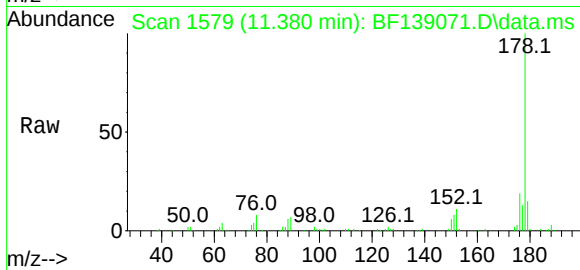




#71
Phenanthrene
Concen: 8.190 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

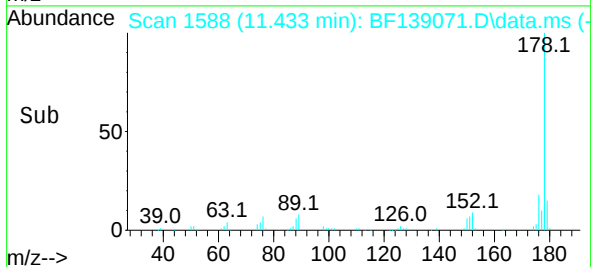
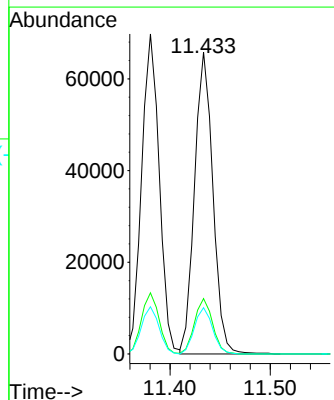
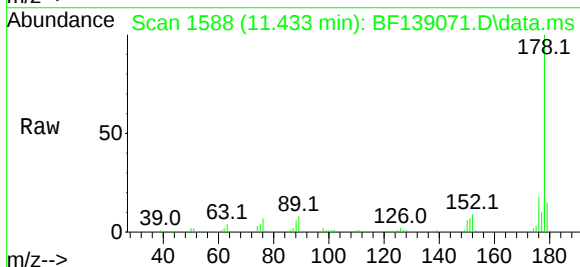
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

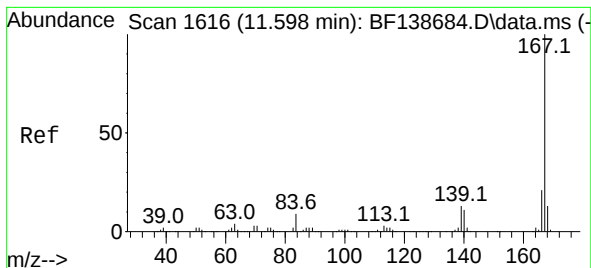
Tgt Ion:178 Resp: 85296
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 14.7 12.2 18.2



#72
Anthracene
Concen: 8.168 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Tgt Ion:178 Resp: 83802
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.3 12.4 18.6





#73

Carbazole

Concen: 7.832 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139071.D

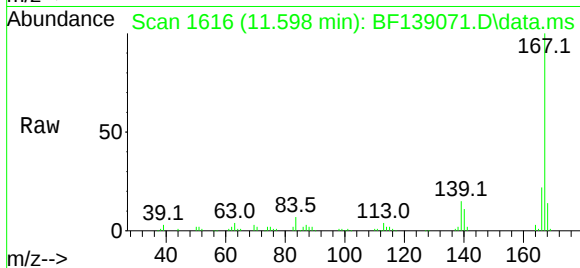
Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024



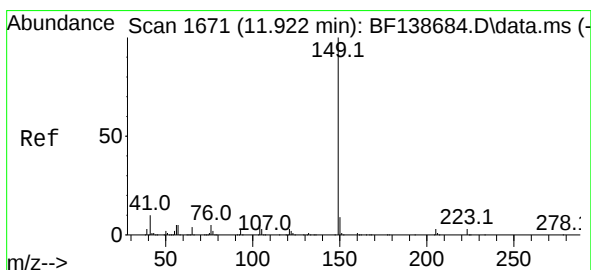
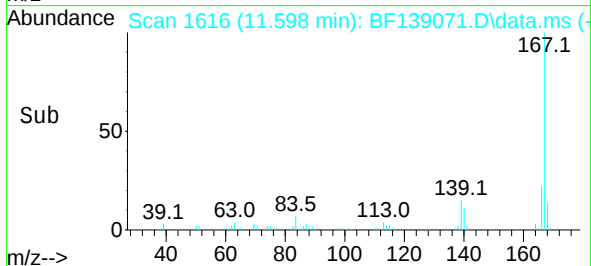
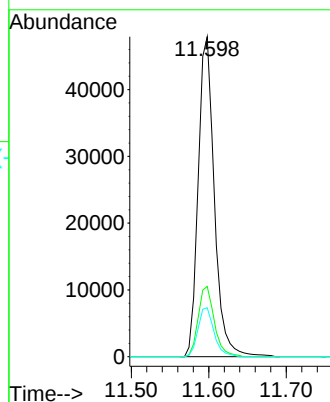
Tgt Ion:167 Resp: 69327

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

139 15.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 9.468 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

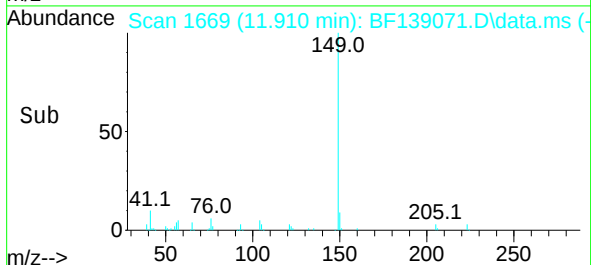
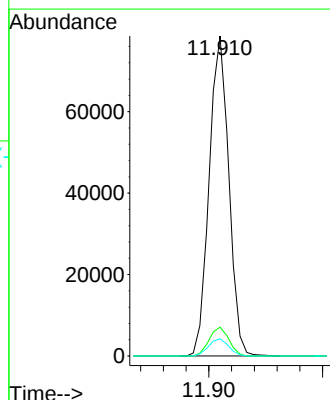
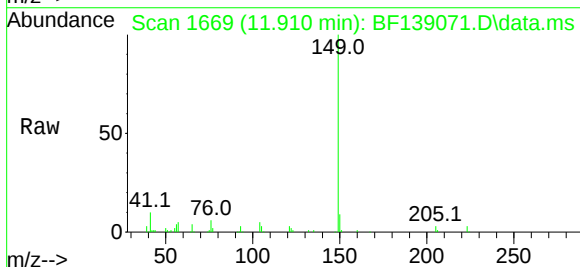
Tgt Ion:149 Resp: 94211

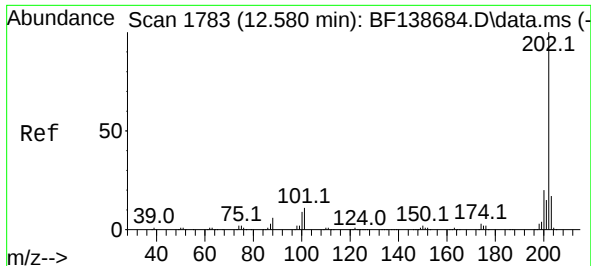
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

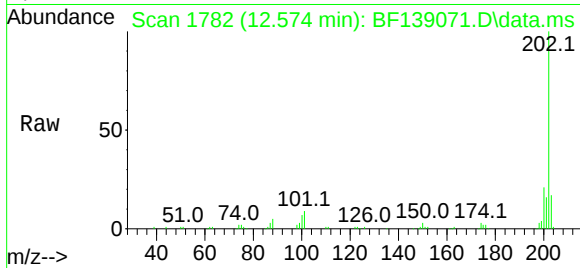
104 5.4 4.1 6.1



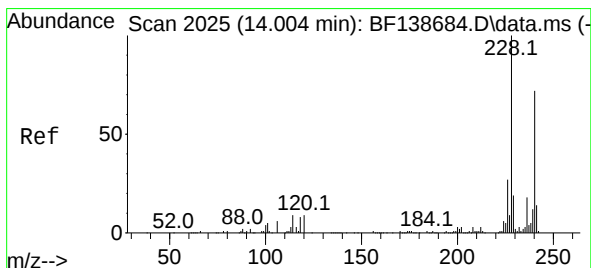
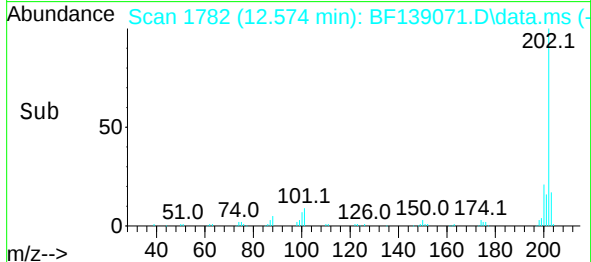
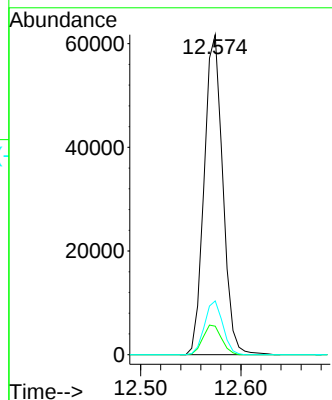


#75
Fluoranthene
Concen: 8.216 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

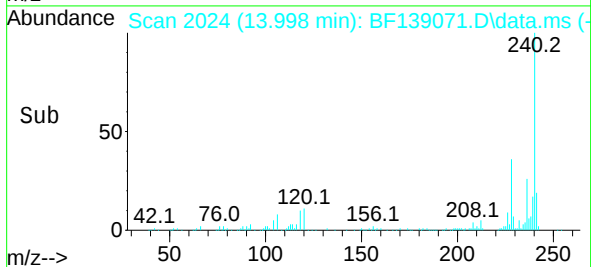
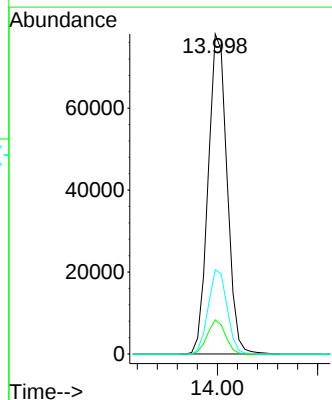
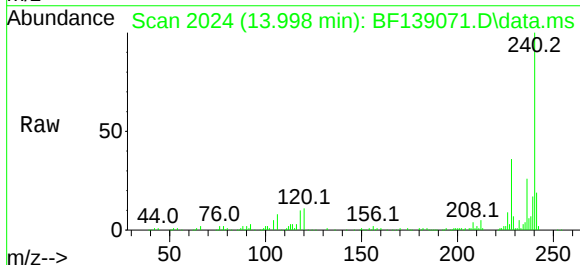


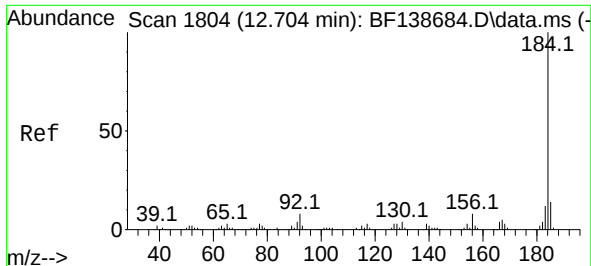
Tgt Ion:202 Resp: 79882
Ion Ratio Lower Upper
202 100
101 8.9 0.0 31.2
203 16.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Tgt Ion:240 Resp: 102276
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 26.3 19.8 29.8

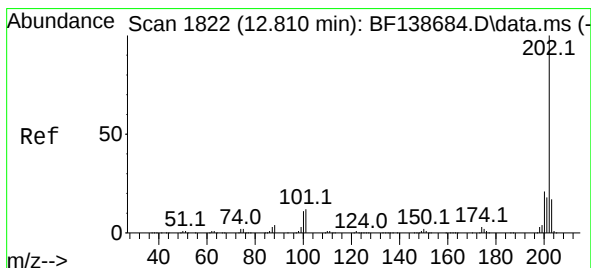
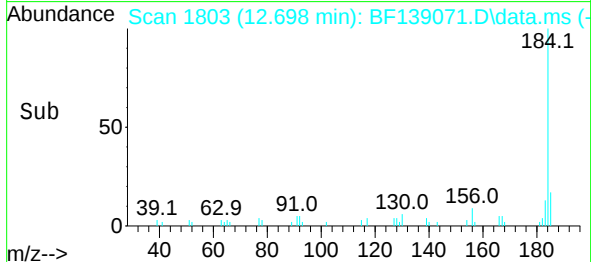
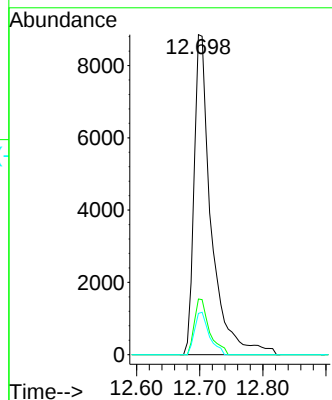
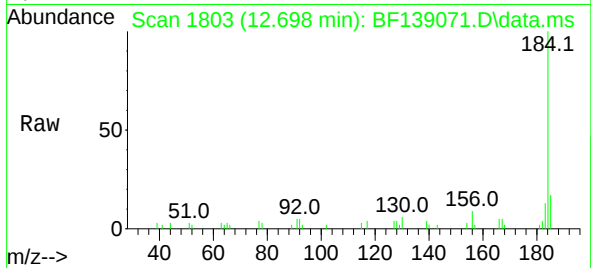




#77
Benzidine
Concen: 6.812 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

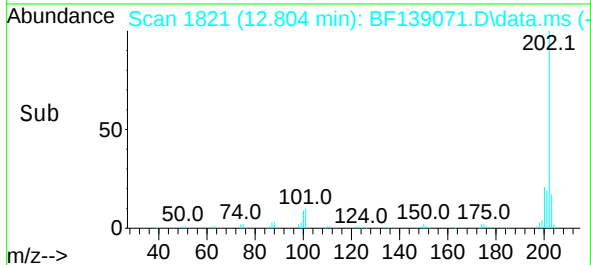
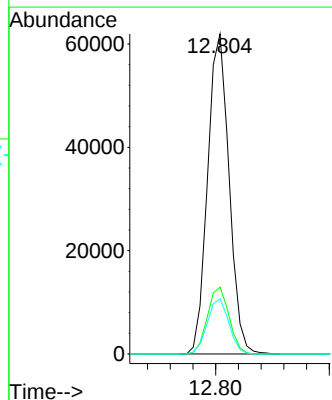
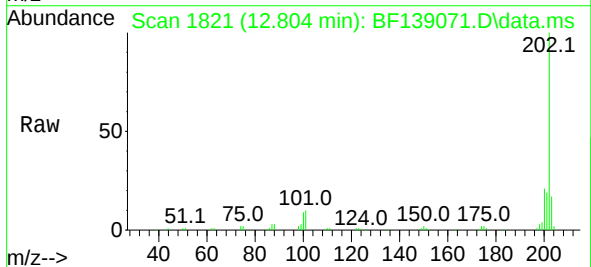
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

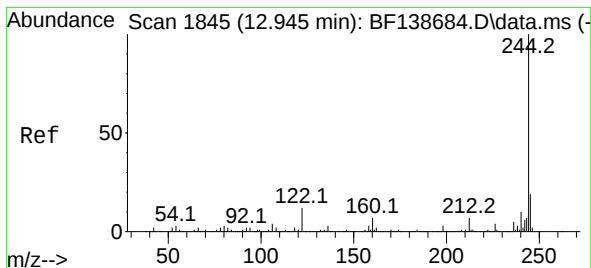
Tgt Ion:184 Resp: 16663
Ion Ratio Lower Upper
184 100
185 17.4 11.1 16.7#
183 12.9 9.6 14.4



#78
Pyrene
Concen: 8.440 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Tgt Ion:202 Resp: 81271
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 102.735 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

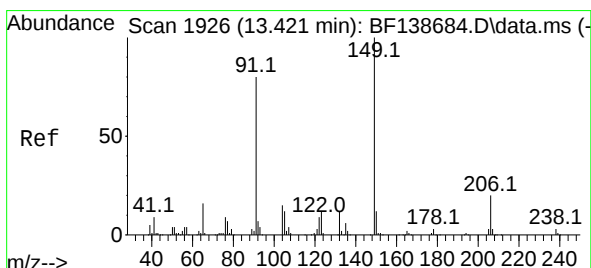
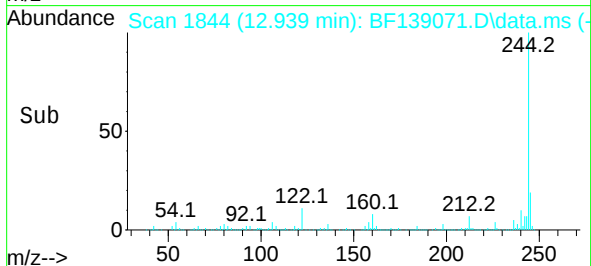
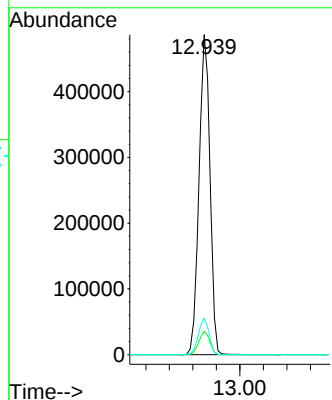
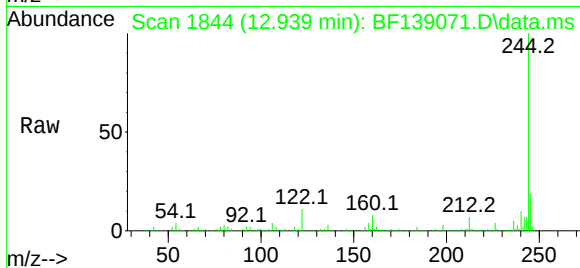
Tgt Ion:244 Resp: 627578

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 11.3 9.6 14.4



#80

Butylbenzylphthalate

Concen: 9.205 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

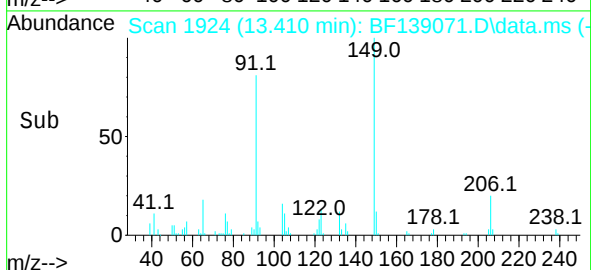
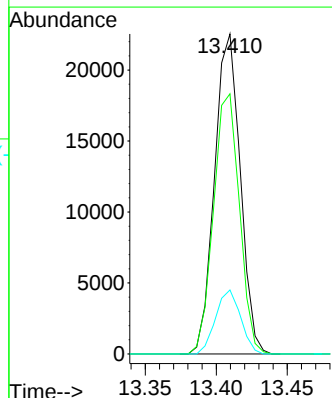
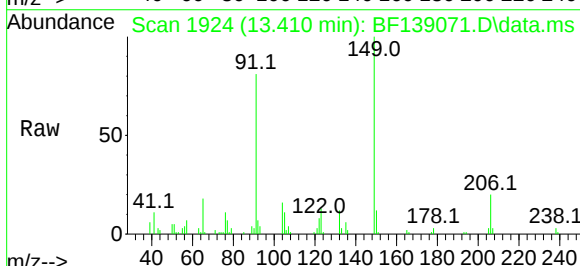
Tgt Ion:149 Resp: 28385

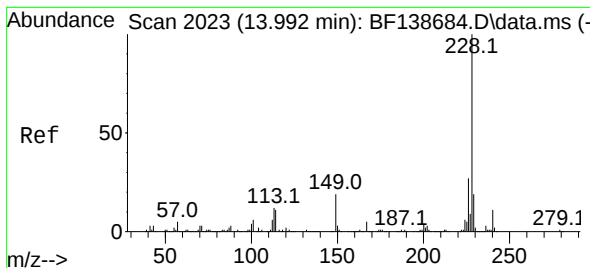
Ion Ratio Lower Upper

149 100

91 81.3 63.7 95.5

206 20.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 8.176 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

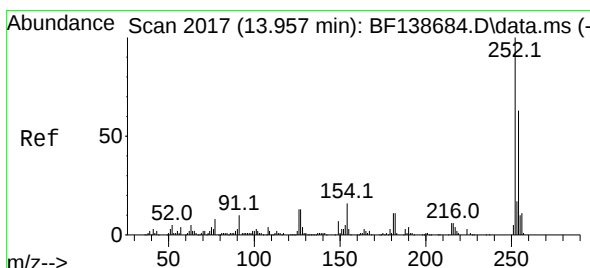
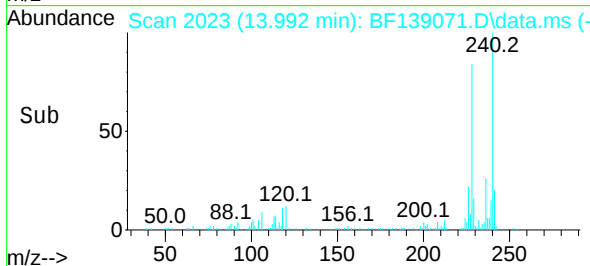
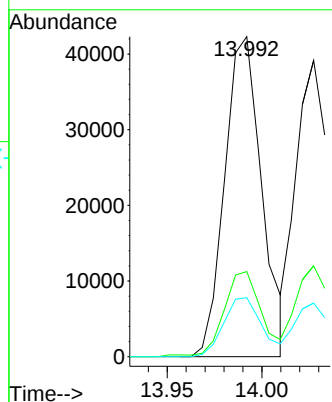
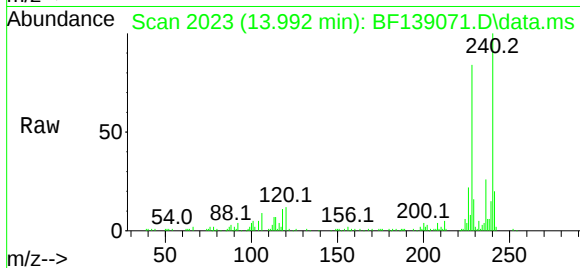
Tgt Ion:228 Resp: 57582

Ion Ratio Lower Upper

228 100

226 26.6 22.1 33.1

229 18.5 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 9.014 ng

RT: 13.957 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

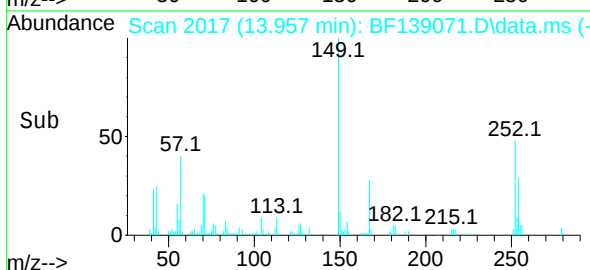
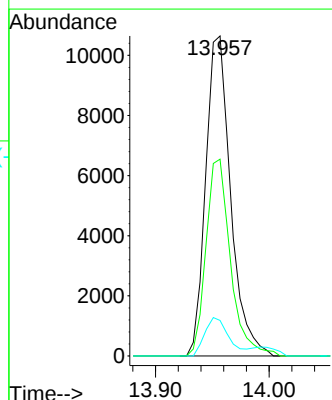
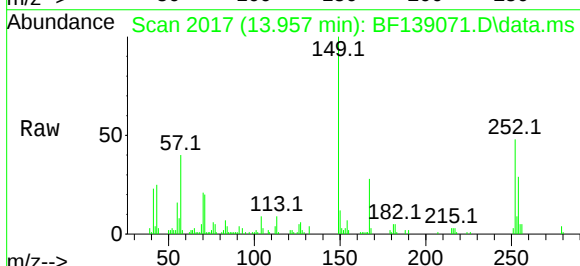
Tgt Ion:252 Resp: 16246

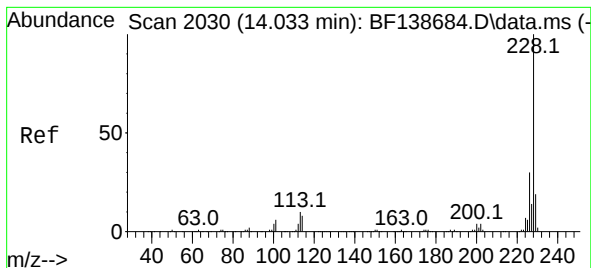
Ion Ratio Lower Upper

252 100

254 61.5 50.8 76.2

126 11.1 10.2 15.2





#83

Chrysene

Concen: 7.891 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

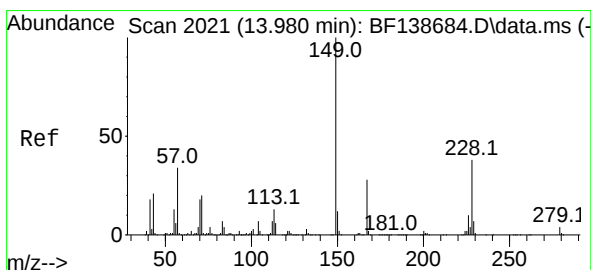
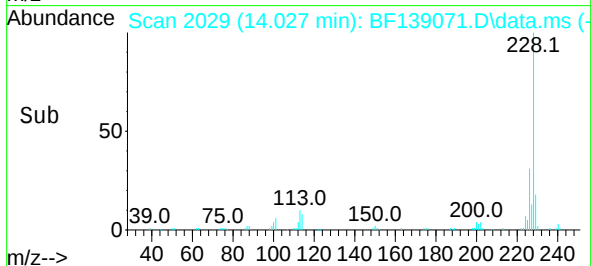
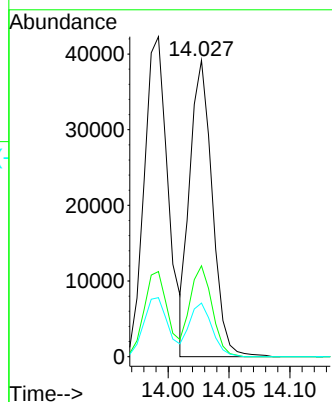
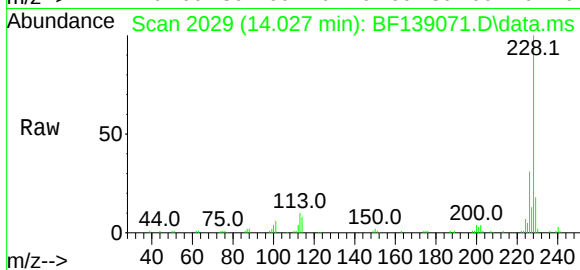
Tgt Ion:228 Resp: 50140

Ion Ratio Lower Upper

228 100

226 30.7 23.7 35.5

229 18.1 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.055 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

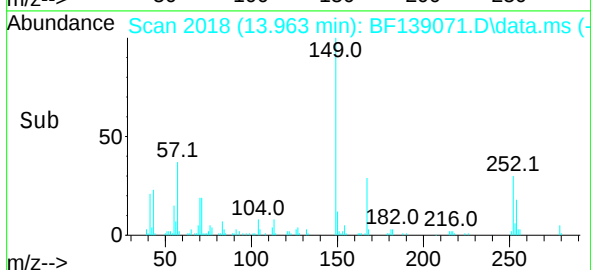
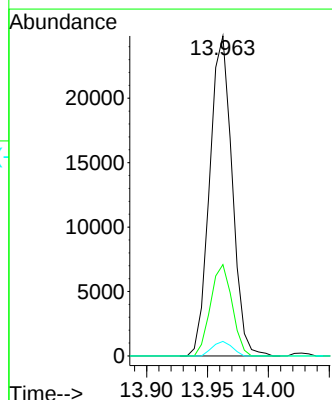
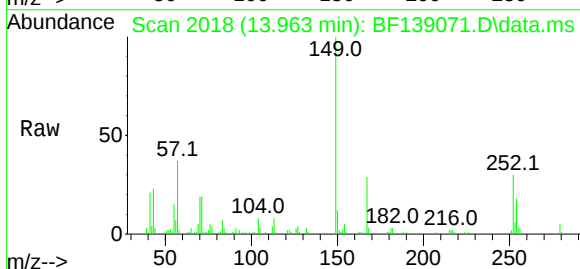
Tgt Ion:149 Resp: 31858

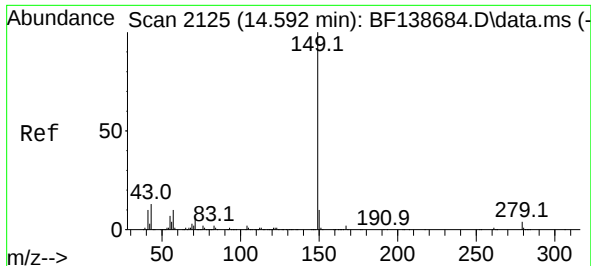
Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.4

279 4.5 3.4 5.0

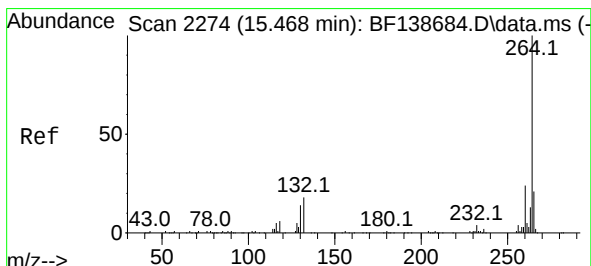
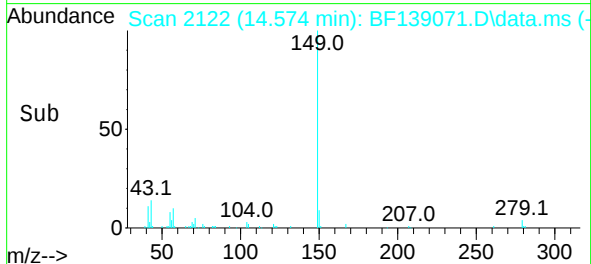
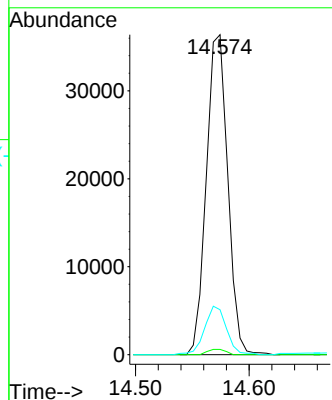
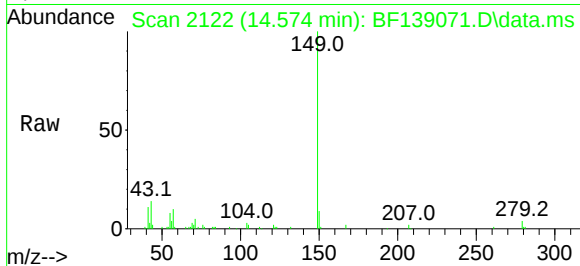




#85
Di-n-octyl phthalate
Concen: 5.693 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

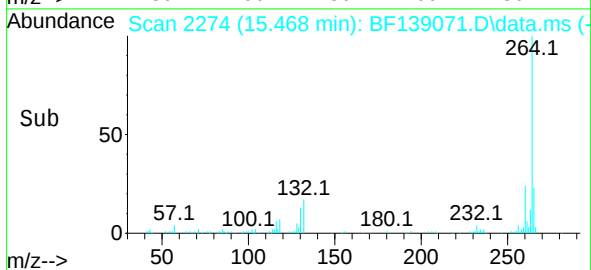
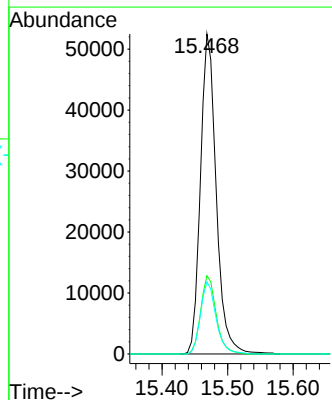
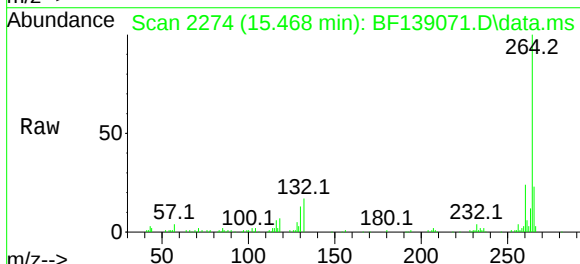
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2024

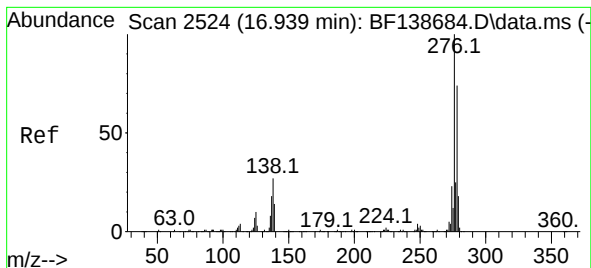
Tgt Ion:149 Resp: 47561
Ion Ratio Lower Upper
149 100
167 1.4 1.4 2.0
43 15.6 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF139071.D
Acq: 19 Aug 2024 13:02

Tgt Ion:264 Resp: 88008
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 22.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.766 ng

RT: 16.951 min Scan# 2526

Delta R.T. 0.012 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

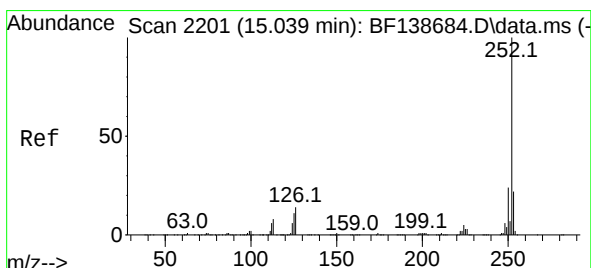
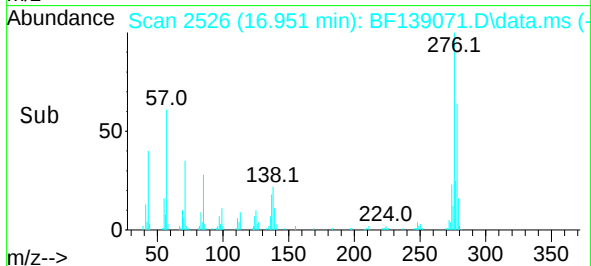
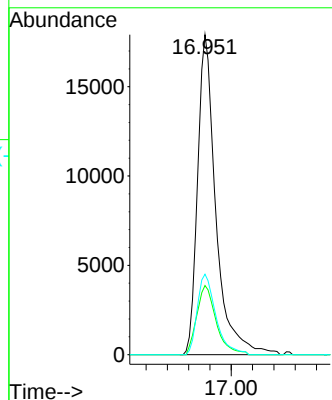
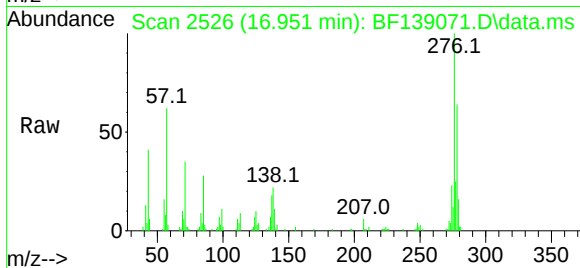
Tgt Ion:276 Resp: 42673

Ion Ratio Lower Upper

276 100

138 22.9 21.8 32.8

277 25.5 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 8.344 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

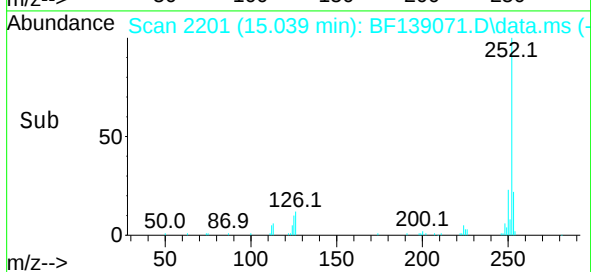
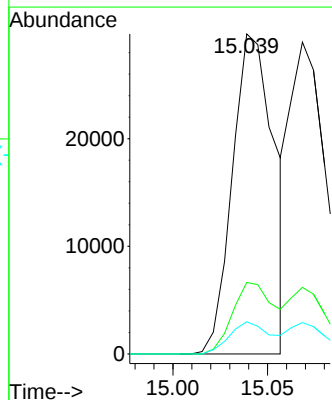
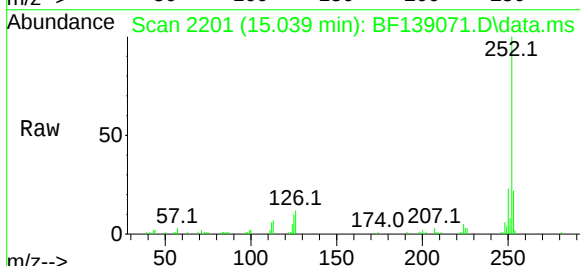
Tgt Ion:252 Resp: 45524

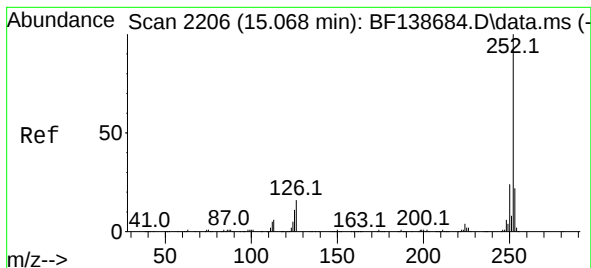
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 10.1 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 8.571 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

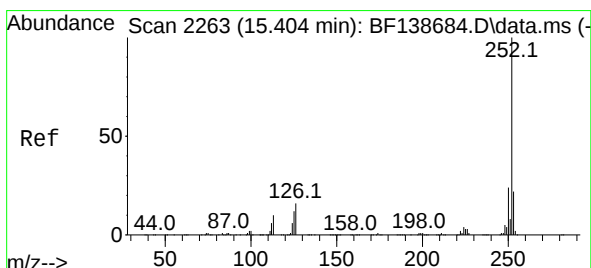
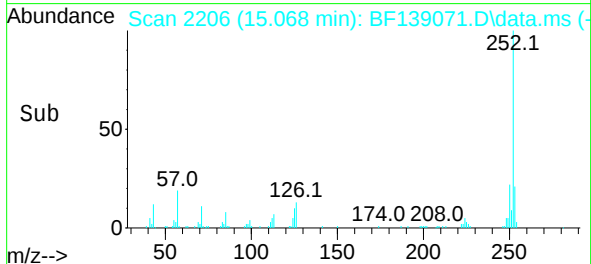
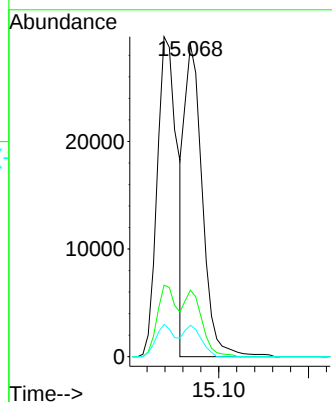
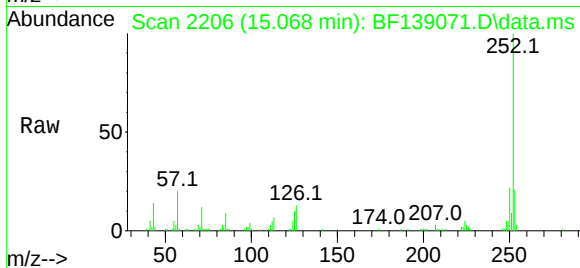
Tgt Ion:252 Resp: 40486

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 10.1 8.6 13.0



#90

Benzo(a)pyrene

Concen: 8.707 ng

RT: 15.410 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

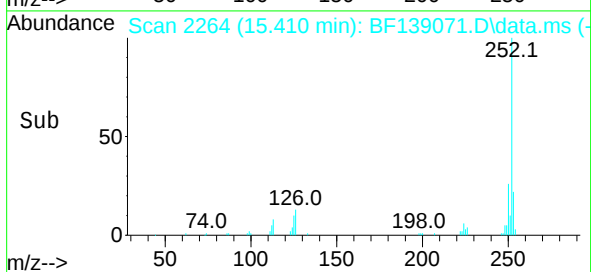
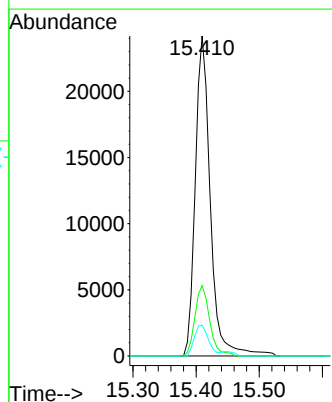
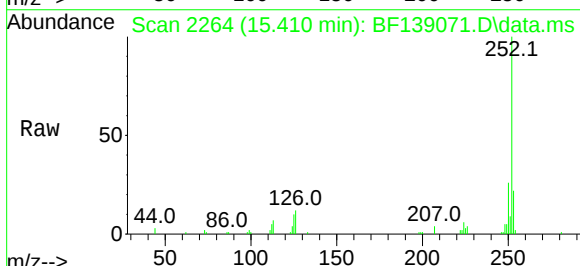
Tgt Ion:252 Resp: 39955

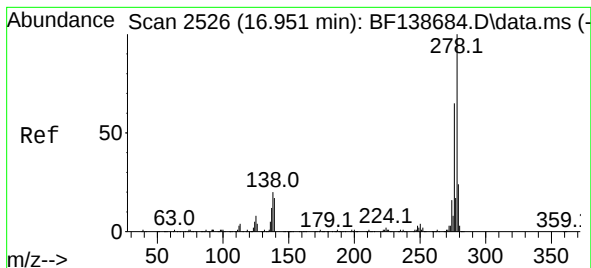
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 9.7 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 6.490 ng

RT: 16.956 min Scan# 2526

Delta R.T. 0.006 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

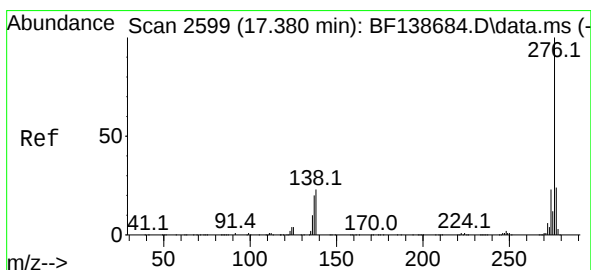
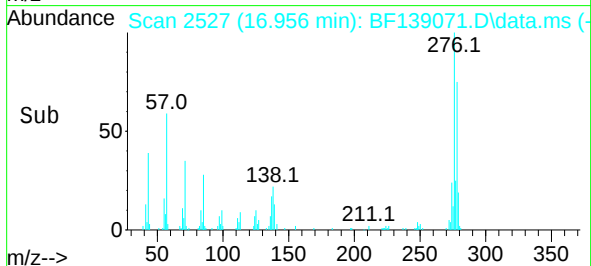
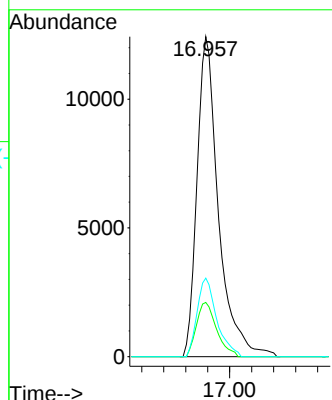
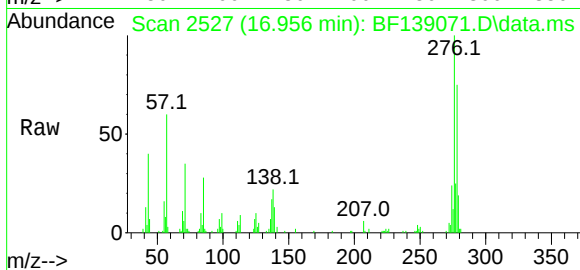
Tgt Ion:278 Resp: 33599

Ion Ratio Lower Upper

278 100

139 17.0 14.0 21.0

279 24.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 6.067 ng

RT: 17.404 min Scan# 2603

Delta R.T. 0.024 min

Lab File: BF139071.D

Acq: 19 Aug 2024 13:02

Tgt Ion:276 Resp: 32597

Ion Ratio Lower Upper

276 100

277 25.4 19.0 28.4

138 17.9 18.5 27.7#

