

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139070.D
 Acq On : 19 Aug 2024 12:32
 Operator : RC/JU
 Sample : P3390-09
 Misc : MDL-MDL-WATER-4PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 19 13:01:46 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	46349	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	191449	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	111978	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	201770	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	107829	20.000	ng	0.00
86) Perylene-d12	15.468	264	86303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	388430	129.366	ng	0.00
7) Phenol-d6	6.487	99	528050	130.989	ng	0.00
23) Nitrobenzene-d5	7.404	82	353866	90.369	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	124985	136.261	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	655343	87.933	ng	-0.01
79) Terphenyl-d14	12.939	244	645129	100.170	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	4767	3.626	ng	95
3) Pyridine	3.469	79	5393	1.694	ng	# 94
4) n-Nitrosodimethylamine	3.334	42	4951	2.611	ng	# 68
6) Aniline	6.510	93	17287	4.808	ng	93
8) 2-Chlorophenol	6.628	128	13572	4.296	ng	88
9) Benzaldehyde	6.404	77	11941	4.941	ng	98
10) Phenol	6.498	94	17478	4.118	ng	# 37
11) bis(2-Chloroethyl)ether	6.575	93	13818	4.231	ng	96
12) 1,3-Dichlorobenzene	6.775	146	13916	3.935	ng	99
13) 1,4-Dichlorobenzene	6.851	146	13650	3.825	ng	93
14) 1,2-Dichlorobenzene	7.004	146	14123	4.235	ng	95
15) Benzyl Alcohol	6.992	79	11790	4.058	ng	# 65
16) 2,2'-oxybis(1-Chloropr...	7.104	45	23719	4.220	ng	52
17) 2-Methylphenol	7.110	107	10466	4.012	ng	# 76
18) Hexachloroethane	7.340	117	5859	4.362	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	10450	4.292	ng	96
20) 3+4-Methylphenols	7.269	107	14328	4.281	ng	# 53
22) Acetophenone	7.251	105	20173	4.303	ng	# 95
24) Nitrobenzene	7.422	77	17184	4.313	ng	100
25) Isophorone	7.657	82	27822	4.161	ng	99
26) 2-Nitrophenol	7.745	139	6571	3.833	ng	# 88
27) 2,4-Dimethylphenol	7.787	122	7185	3.503	ng	94
28) bis(2-Chloroethoxy)met...	7.869	93	15872	3.898	ng	98
29) 2,4-Dichlorophenol	8.010	162	9627	3.653	ng	91
30) 1,2,4-Trichlorobenzene	8.057	180	12222	4.018	ng	97
31) Naphthalene	8.139	128	41212	4.090	ng	99
32) Benzoic acid	7.963	122	1030	0.639	ng	# 78
33) 4-Chloroaniline	8.204	127	15706	4.643	ng	99
34) Hexachlorobutadiene	8.245	225	7493	4.067	ng	97
35) Caprolactam	8.545	113	2964	3.769	ng	# 91
36) 4-Chloro-3-methylphenol	8.692	107	12209	4.053	ng	99
37) 2-Methylnaphthalene	8.828	142	26341	4.139	ng	98
38) 1-Methylnaphthalene	8.928	142	25408	4.074	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	12904	4.148	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	6322	3.333	ng	96
44) 2,4,5-Trichlorophenol	9.181	196	7367	3.553	ng	# 76

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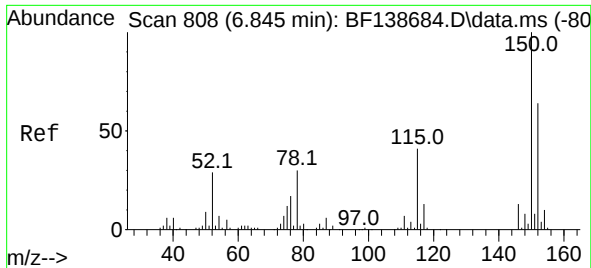
Quant Time: Aug 19 13:01:46 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.286	154	37034	4.223	ng	97
47) 2-Chloronaphthalene	9.316	162	25908	3.972	ng	99
48) 2-Nitroaniline	9.428	65	8847	4.001	ng	96
49) Acenaphthylene	9.733	152	40272	4.353	ng	99
50) Dimethylphthalate	9.586	163	30590	4.272	ng	100
51) 2,6-Dinitrotoluene	9.657	165	6468	4.003	ng	# 75
52) Acenaphthene	9.898	154	25466	4.095	ng	99
53) 3-Nitroaniline	9.839	138	6480	3.879	ng	99
54) 2,4-Dinitrophenol	9.998	184	116	0.156	ng	# 16
55) Dibenzofuran	10.075	168	37913	4.319	ng	99
56) 4-Nitrophenol	10.075	139	16934	16.858	ng	# 8
57) 2,4-Dinitrotoluene	10.075	165	8271	4.012	ng	# 62
58) Fluorene	10.416	166	30457	4.357	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	4518	2.850	ng	# 83
60) Diethylphthalate	10.286	149	31282	4.608	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	14707	4.278	ng	88
62) 4-Nitroaniline	10.451	138	5463	3.441	ng	87
63) Azobenzene	10.569	77	32981	4.380	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	2339	1.900	ng	# 77
66) n-Nitrosodiphenylamine	10.528	169	25020	3.967	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	8392	3.842	ng	95
68) Hexachlorobenzene	10.969	284	8668	3.843	ng	99
69) Atrazine	11.051	200	8812	5.415	ng	97
70) Pentachlorophenol	11.192	266	326	0.321	ng	# 20
71) Phenanthrene	11.380	178	43058	4.144	ng	99
72) Anthracene	11.433	178	40974	4.003	ng	98
73) Carbazole	11.598	167	35302	3.998	ng	98
74) Di-n-butylphthalate	11.910	149	46172	4.651	ng	99
75) Fluoranthene	12.574	202	41546	4.283	ng	97
77) Benzidine	12.704	184	7507	2.911	ng	98
78) Pyrene	12.804	202	42862	4.222	ng	98
80) Butylbenzylphthalate	13.410	149	15877	4.884	ng	99
81) Benzo(a)anthracene	13.992	228	30318	4.083	ng	97
82) 3,3'-Dichlorobenzidine	13.957	252	7897	4.156	ng	98
83) Chrysene	14.027	228	26682	3.983	ng	97
84) Bis(2-ethylhexyl)phtha...	13.963	149	19087	4.009	ng	96
85) Di-n-octyl phthalate	14.574	149	24715	2.806	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.962	276	19928	3.222	ng	94
88) Benzo(b)fluoranthene	15.045	252	20846	3.896	ng	98
89) Benzo(k)fluoranthene	15.074	252	22520	4.862	ng	98
90) Benzo(a)pyrene	15.410	252	19162	4.258	ng	98
91) Dibenzo(a,h)anthracene	16.962	278	16262	3.203	ng	99
92) Benzo(g,h,i)perylene	17.415	276	15542	2.950	ng	94

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

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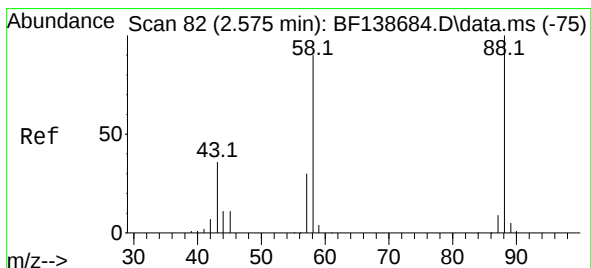
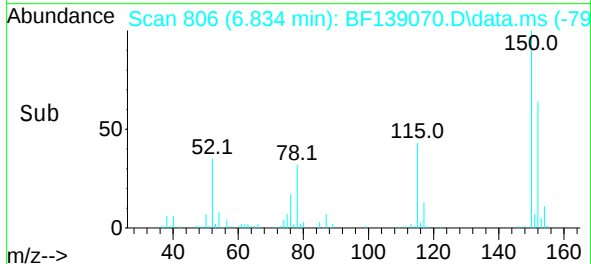
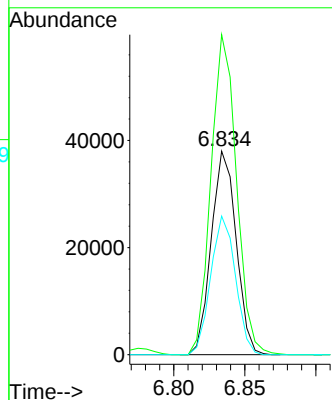
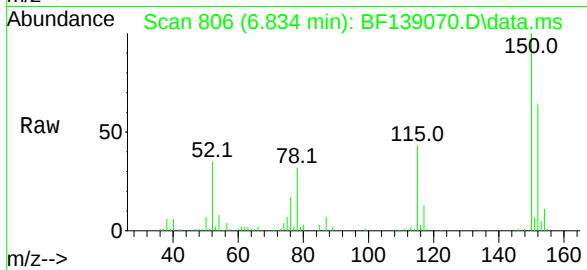




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

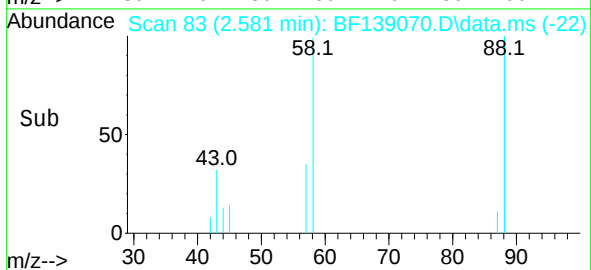
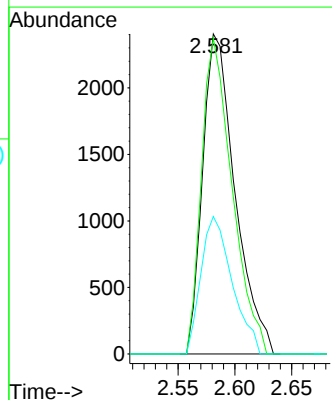
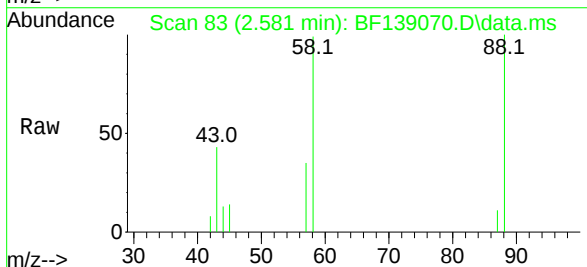
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

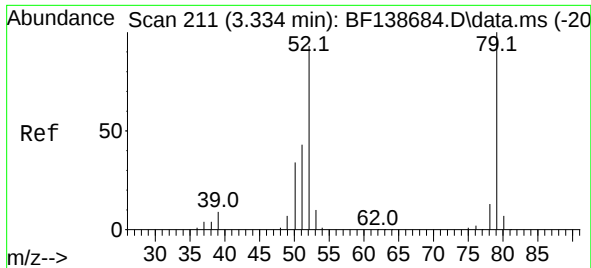
Tgt Ion:152 Resp: 46349
Ion Ratio Lower Upper
152 100
150 157.3 126.0 189.0
115 68.1 51.7 77.5



#2
1,4-Dioxane
Concen: 3.626 ng
RT: 2.581 min Scan# 83
Delta R.T. 0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion: 88 Resp: 4767
Ion Ratio Lower Upper
88 100
58 93.1 71.6 107.4
43 41.4 28.7 43.1





#3

Pyridine

Concen: 1.694 ng

RT: 3.469 min Scan# 211

Delta R.T. 0.135 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

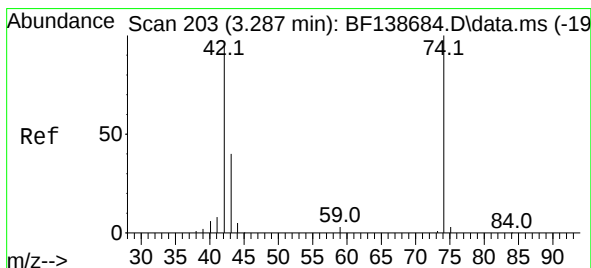
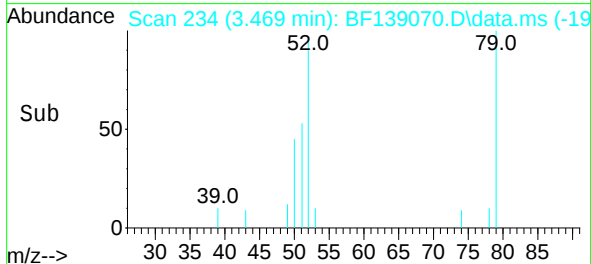
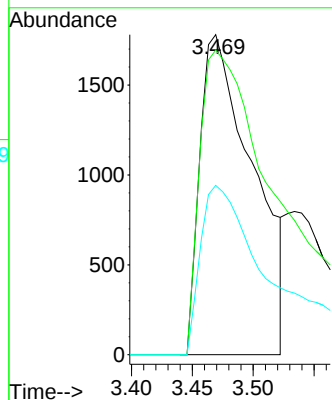
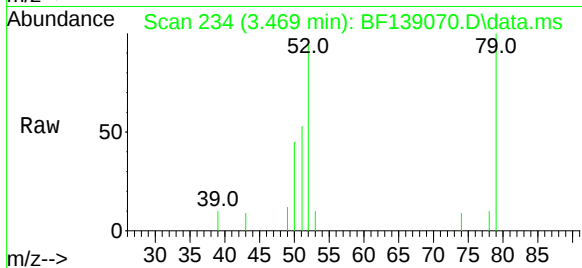
Tgt Ion: 79 Resp: 5393

Ion Ratio Lower Upper

79 100

52 95.2 74.7 112.1

51 52.9 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 2.611 ng

RT: 3.334 min Scan# 211

Delta R.T. 0.047 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

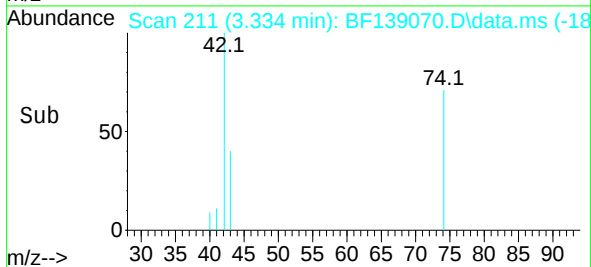
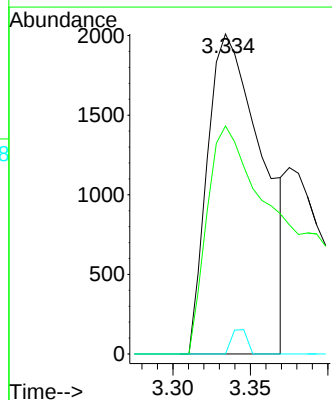
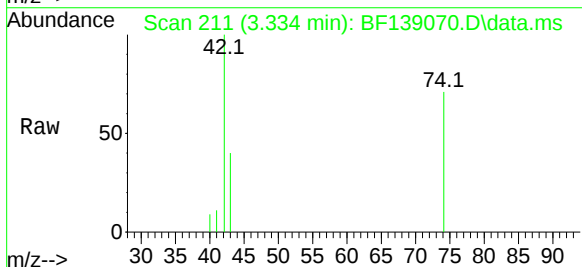
Tgt Ion: 42 Resp: 4951

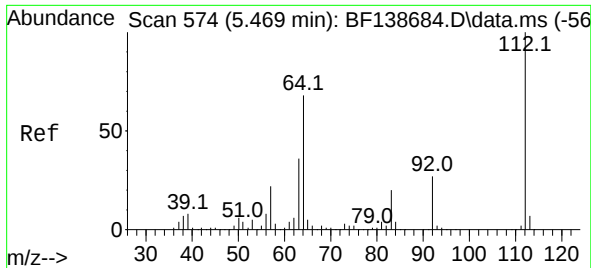
Ion Ratio Lower Upper

42 100

74 71.2 84.2 126.4#

44 0.0 4.9 7.3#

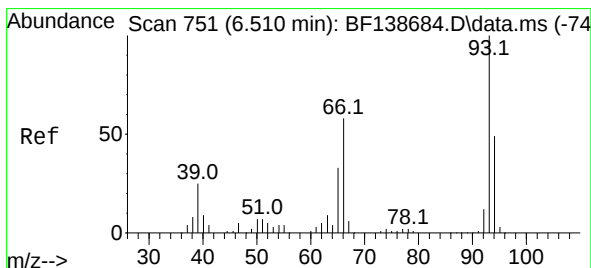
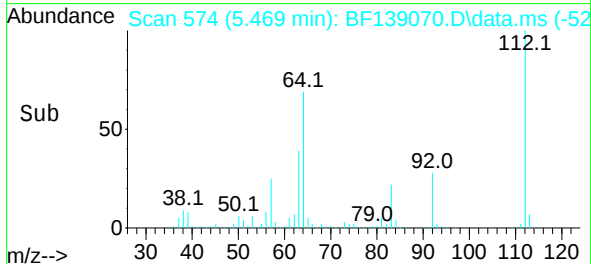
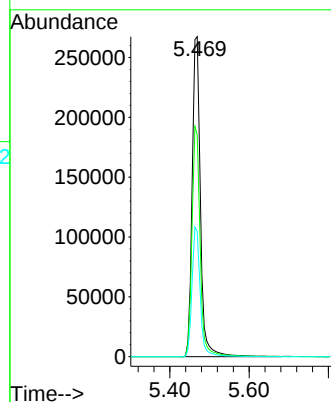
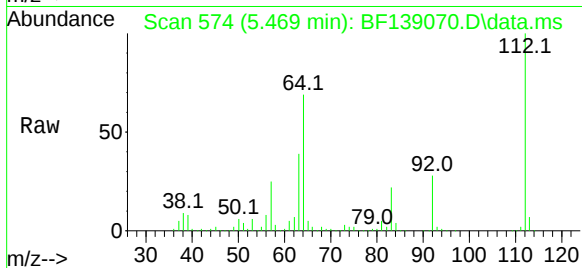




#5
2-Fluorophenol
Concen: 129.366 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

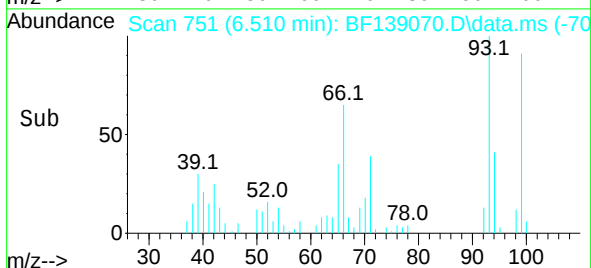
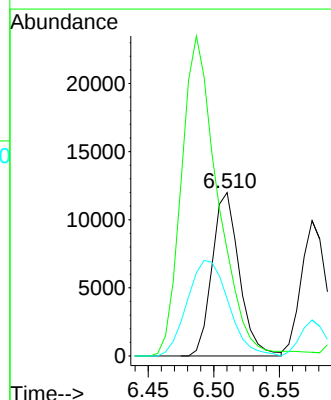
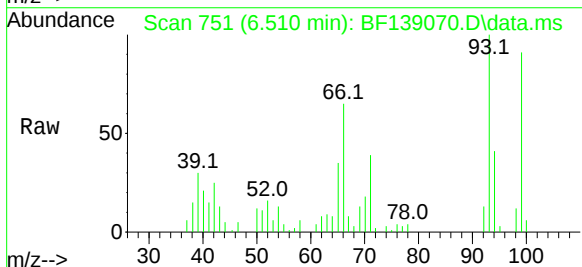
Instrument :
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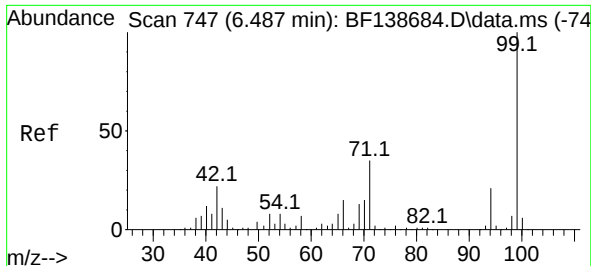
Tgt Ion:112 Resp: 388430
Ion Ratio Lower Upper
112 100
64 69.3 54.2 81.4
63 39.2 28.7 43.1



#6
Aniline
Concen: 4.808 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion: 93 Resp: 17287
Ion Ratio Lower Upper
93 100
66 65.0 46.9 70.3
65 35.1 26.5 39.7

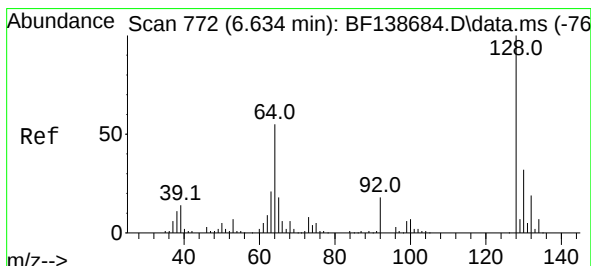
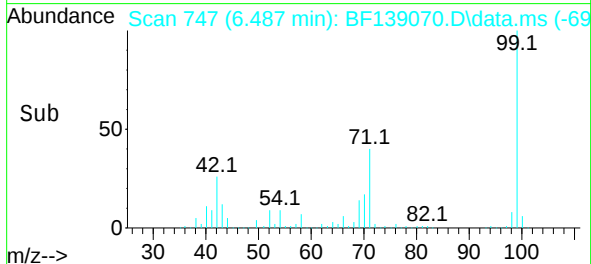
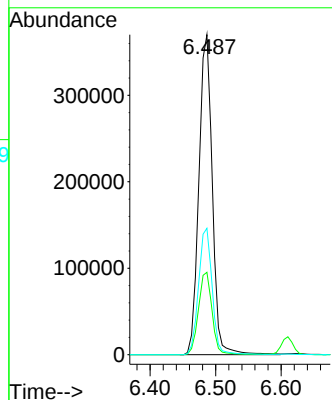
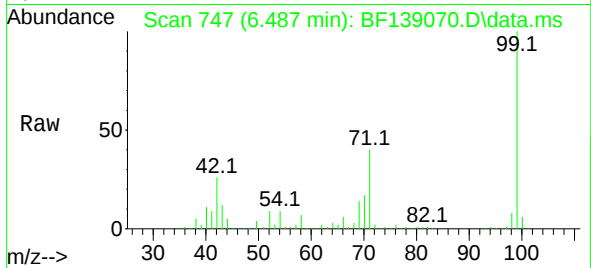




#7
Phenol-d6
Concen: 130.989 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

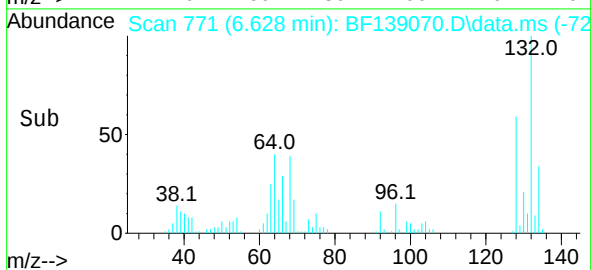
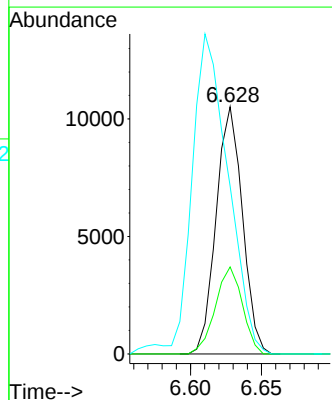
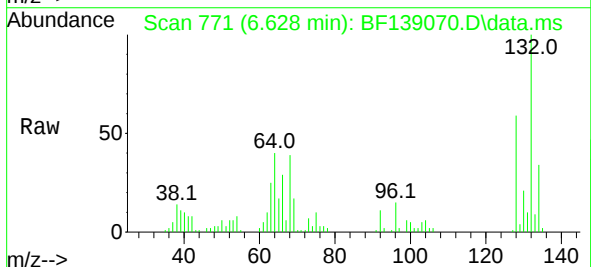
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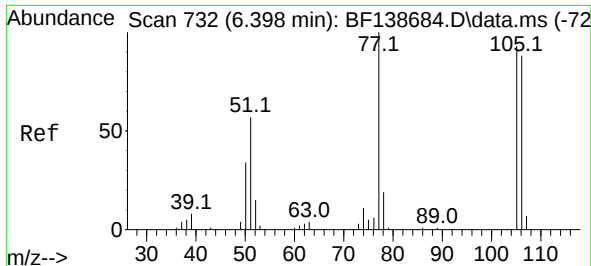
Tgt Ion: 99 Resp: 528050
Ion Ratio Lower Upper
99 100
42 25.7 17.4 26.0
71 39.5 28.1 42.1



#8
2-Chlorophenol
Concen: 4.296 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion:128 Resp: 13572
Ion Ratio Lower Upper
128 100
130 35.2 12.0 52.0
64 67.9 36.3 76.3





#9

Benzaldehyde

Concen: 4.941 ng

RT: 6.404 min Scan# 732

Delta R.T. 0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

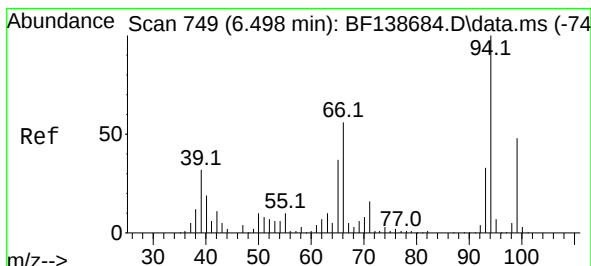
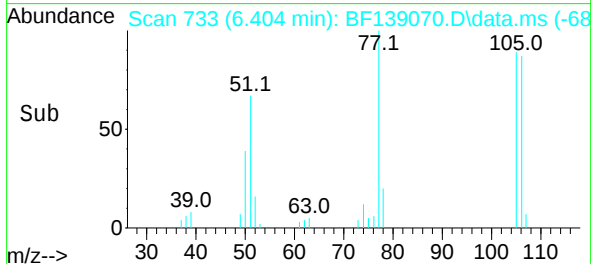
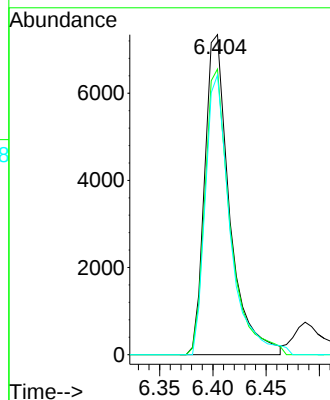
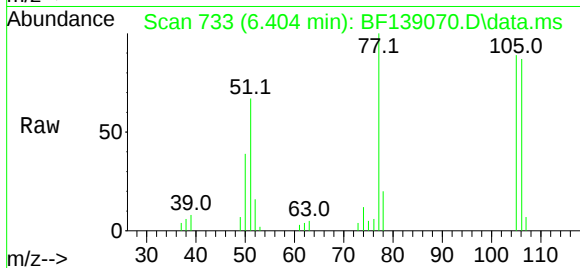
Tgt Ion: 77 Resp: 11941

Ion Ratio Lower Upper

77 100

105 89.2 72.9 112.9

106 87.4 68.4 108.4



#10

Phenol

Concen: 4.118 ng

RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

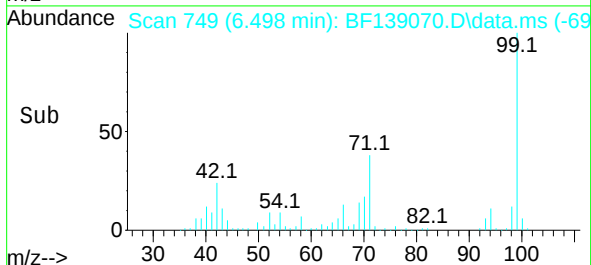
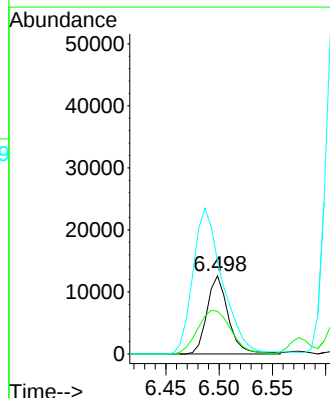
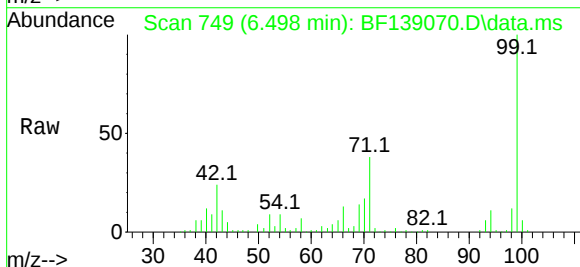
Tgt Ion: 94 Resp: 17478

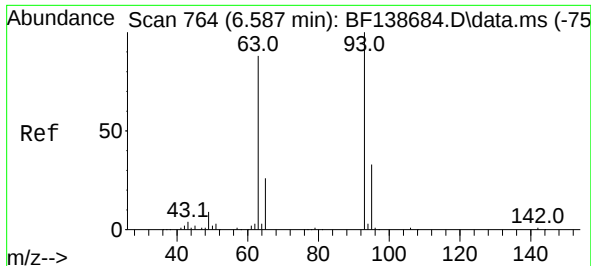
Ion Ratio Lower Upper

94 100

65 54.6 16.9 56.9

66 118.8 36.5 76.5#





#11

bis(2-Chloroethyl)ether

Concen: 4.231 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

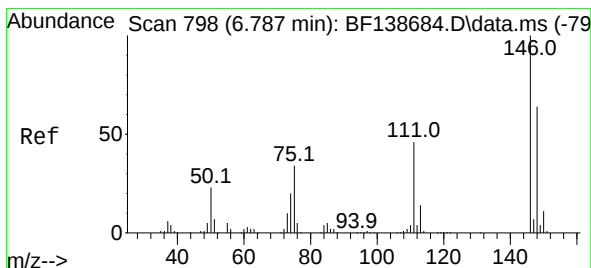
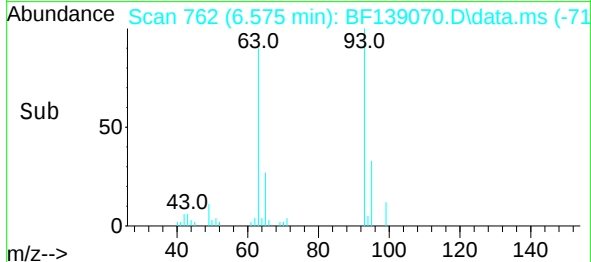
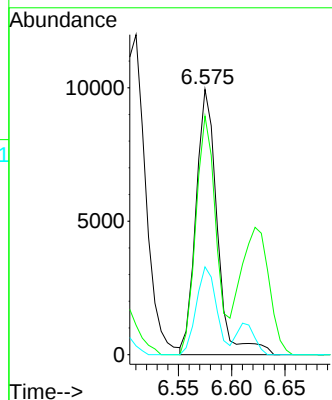
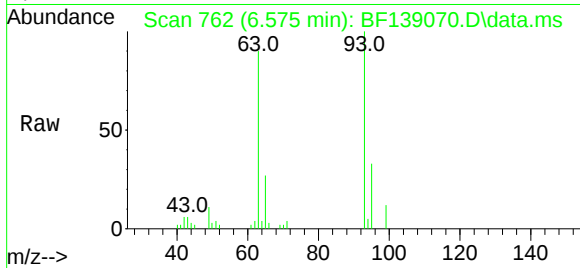
Tgt Ion: 93 Resp: 13818

Ion Ratio Lower Upper

93 100

63 89.9 65.3 105.3

95 33.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 3.935 ng

RT: 6.775 min Scan# 796

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

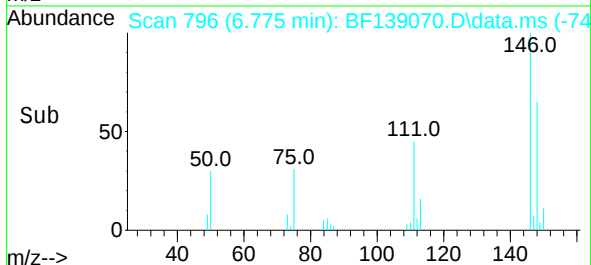
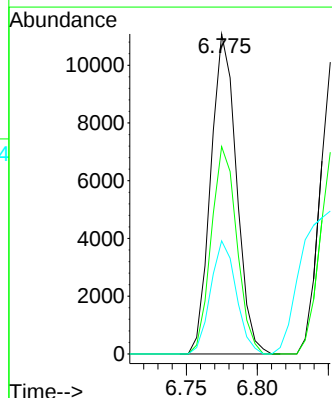
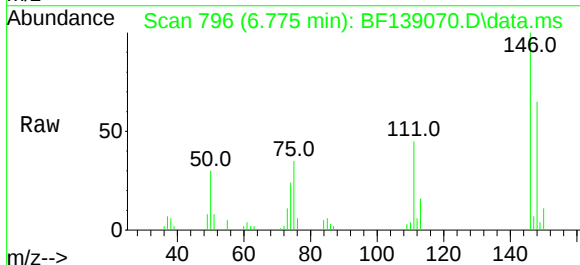
Tgt Ion: 146 Resp: 13916

Ion Ratio Lower Upper

146 100

148 64.8 51.2 76.8

75 35.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 3.825 ng

RT: 6.851 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

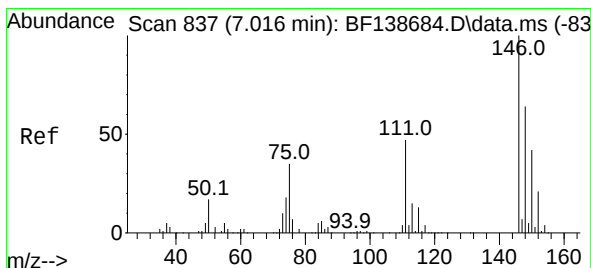
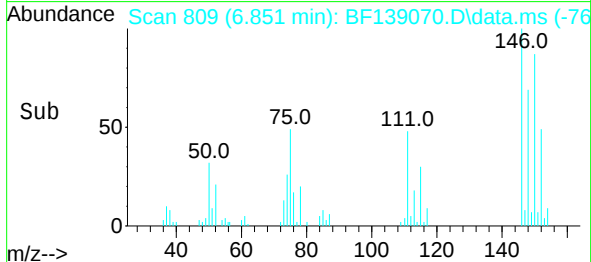
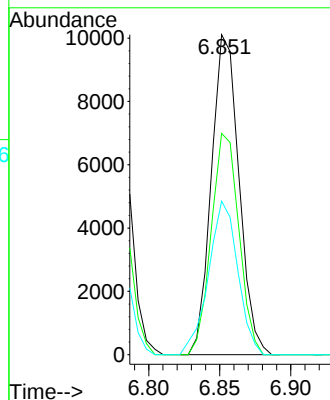
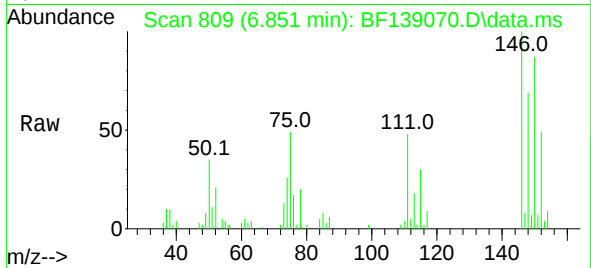
Tgt Ion:146 Resp: 13650

Ion Ratio Lower Upper

146 100

148 69.1 50.2 75.2

111 48.0 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 4.235 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

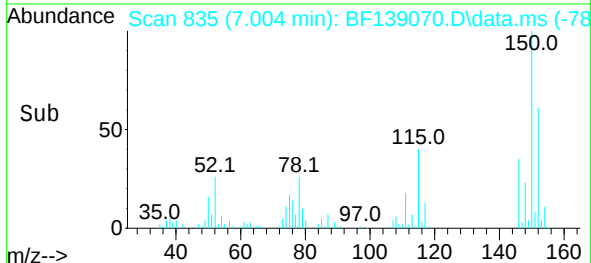
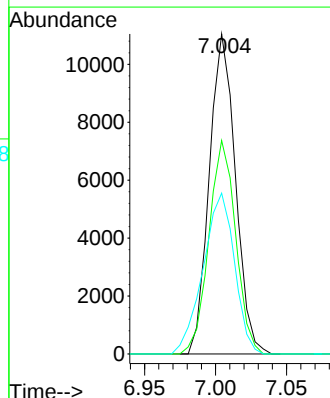
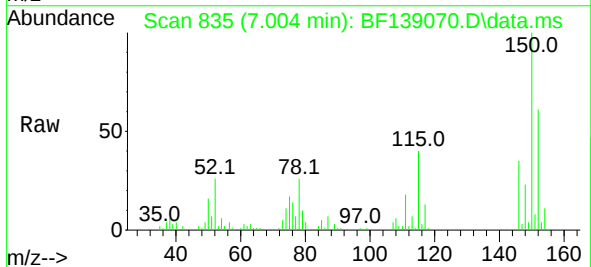
Tgt Ion:146 Resp: 14123

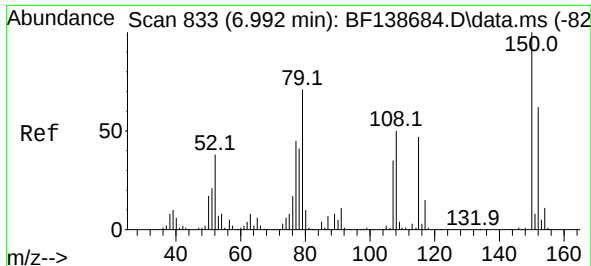
Ion Ratio Lower Upper

146 100

148 66.7 50.8 76.2

111 50.3 37.4 56.2





#15

Benzyl Alcohol

Concen: 4.058 ng

RT: 6.992 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

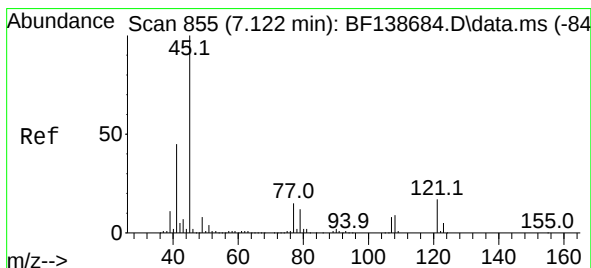
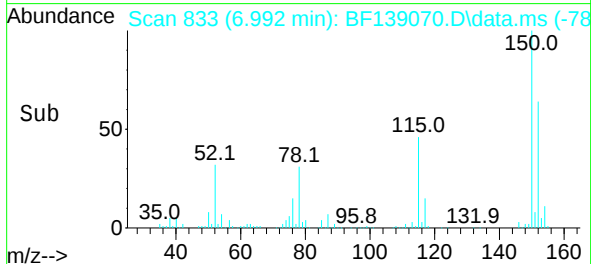
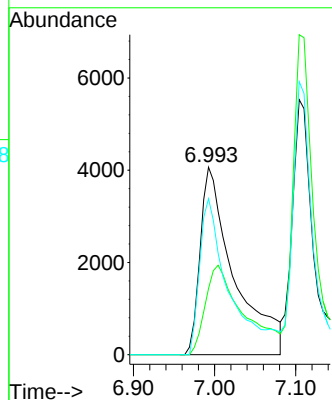
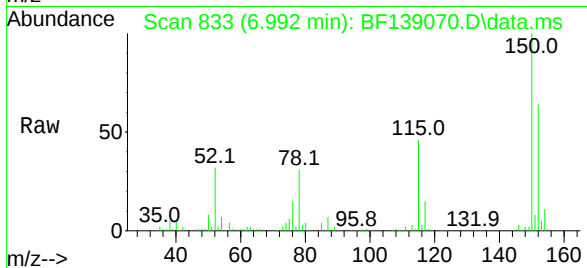
Tgt Ion: 79 Resp: 11790

Ion Ratio Lower Upper

79 100

108 35.2 56.6 85.0#

77 83.2 50.3 75.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.220 ng

RT: 7.104 min Scan# 852

Delta R.T. -0.018 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

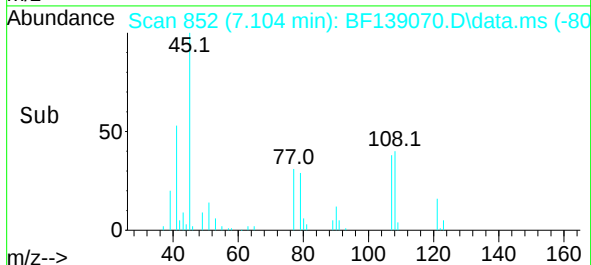
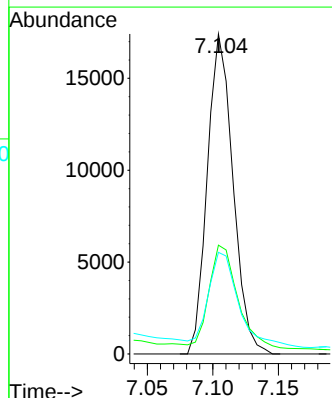
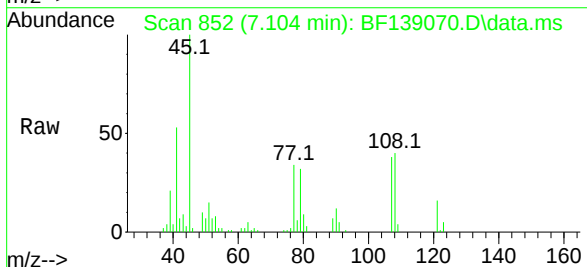
Tgt Ion: 45 Resp: 23719

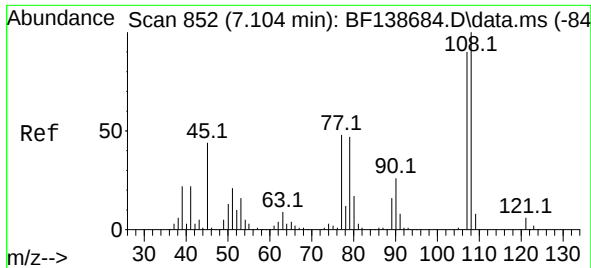
Ion Ratio Lower Upper

45 100

77 34.0 0.0 34.9

79 31.7 0.0 32.2

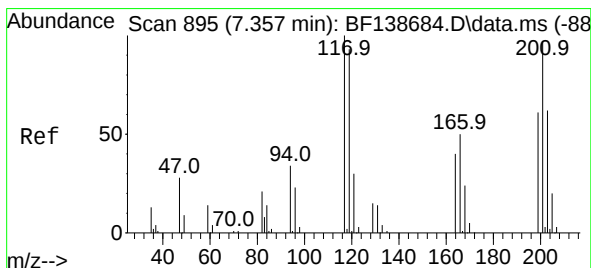
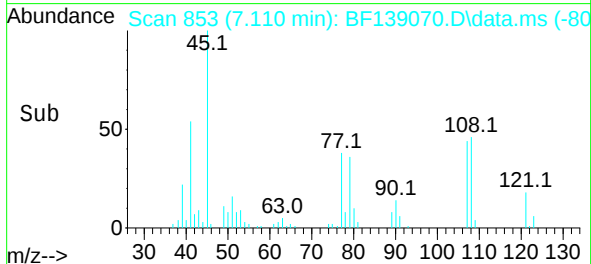
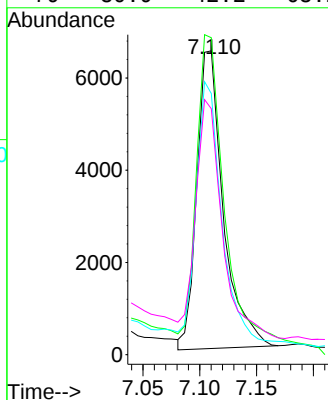
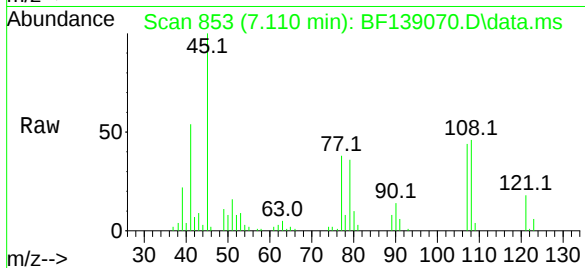




#17
2-Methylphenol
Concen: 4.012 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

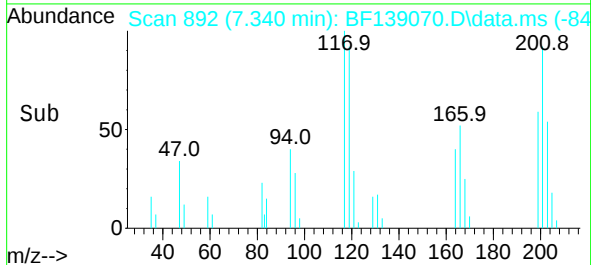
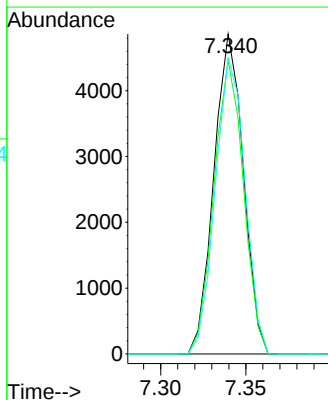
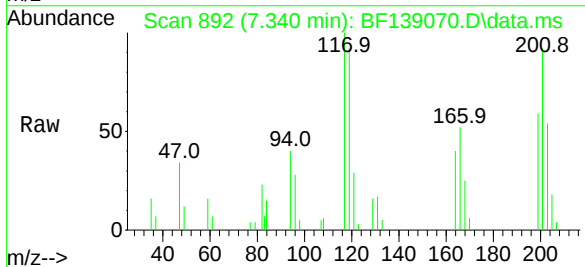
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:	107	Resp:	10466
Ion	Ratio	Lower	Upper
107	100		
108	104.3	89.2	133.8
77	85.9	43.0	64.4#
79	80.9	42.2	63.2#



#18
Hexachloroethane
Concen: 4.362 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion:	117	Resp:	5859
Ion	Ratio	Lower	Upper
117	100		
119	91.8	74.6	111.8
201	92.5	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 4.292 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF139070.D

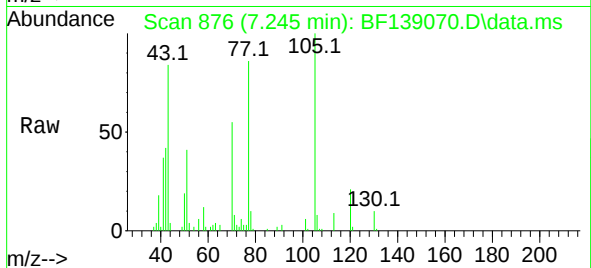
Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion: 70 Resp: 10450

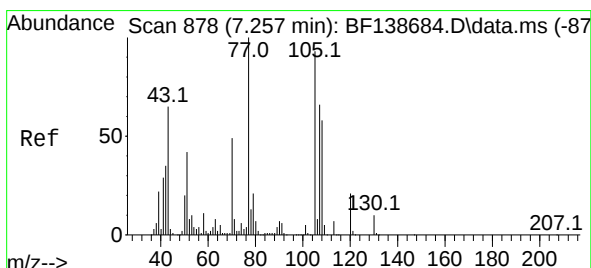
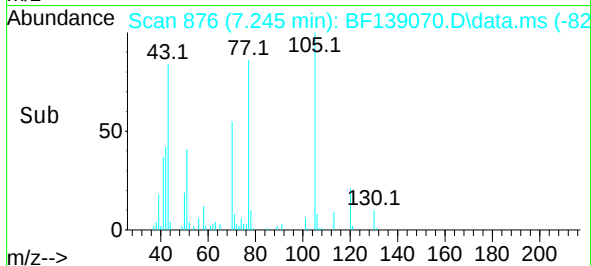
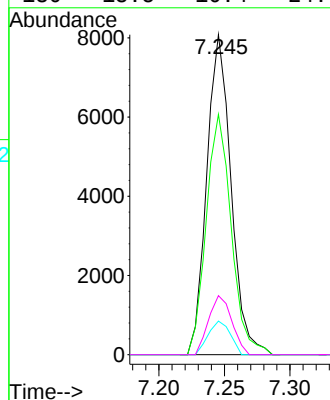
Ion Ratio Lower Upper

70 100

42 75.1 57.4 86.0

101 10.5 7.5 11.3

130 18.5 16.4 24.6



#20

3+4-Methylphenols

Concen: 4.281 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Tgt Ion: 107 Resp: 14328

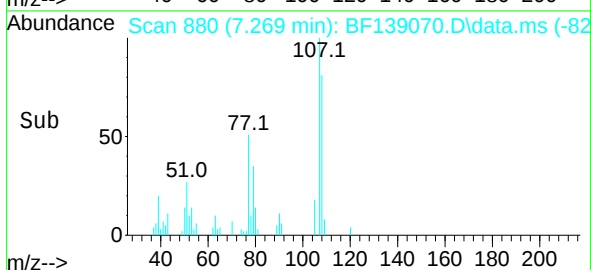
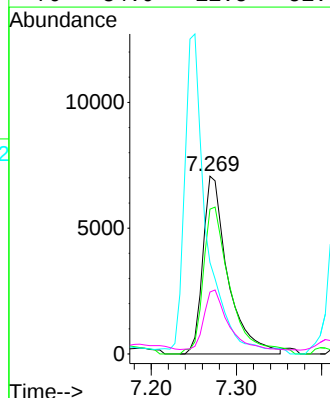
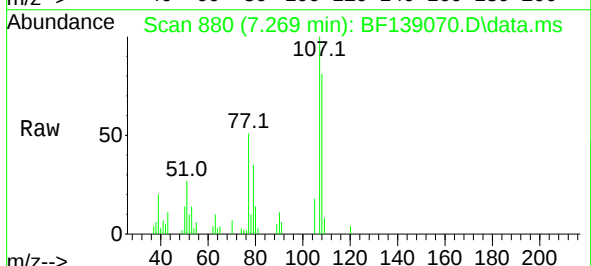
Ion Ratio Lower Upper

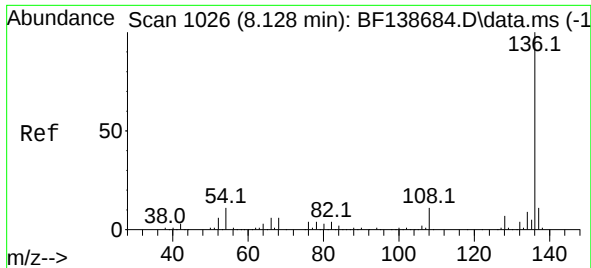
107 100

108 81.5 68.2 108.2

77 51.5 132.1 172.1#

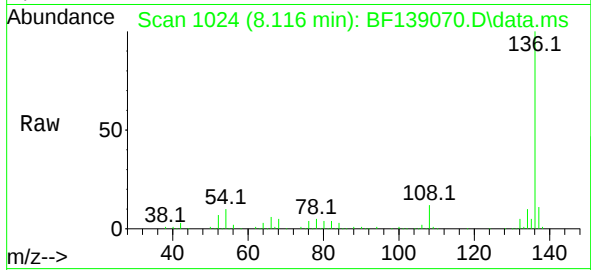
79 34.9 11.5 51.5



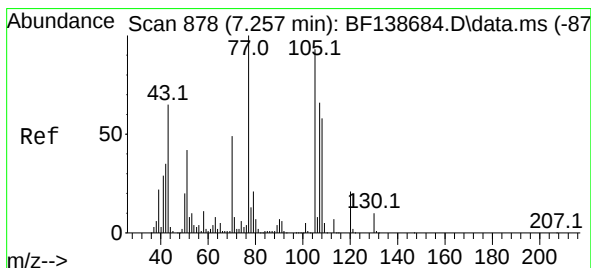
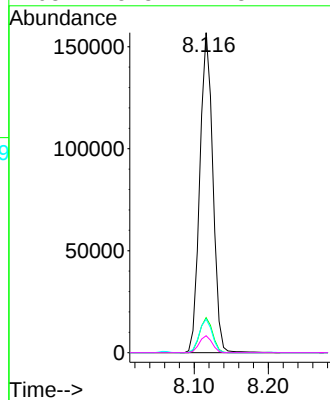
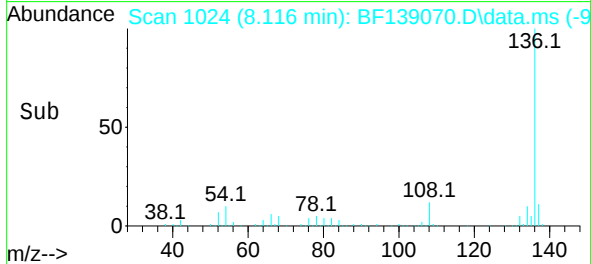


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

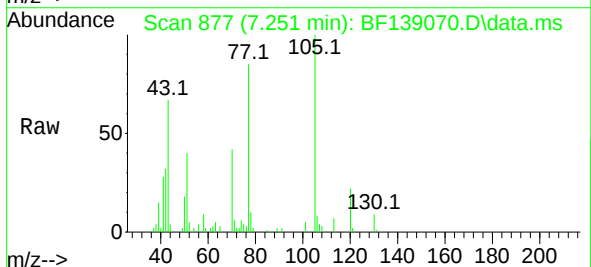
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



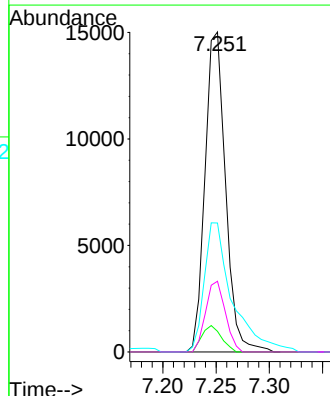
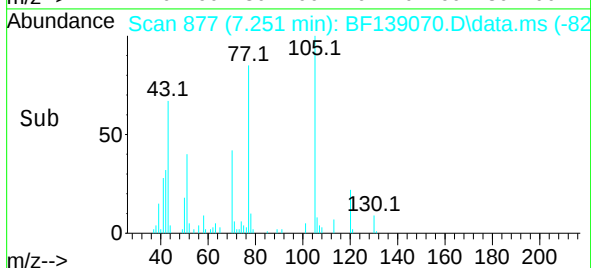
Tgt Ion:136 Resp: 191449
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.5 8.6 12.8
68 5.3 4.8 7.2

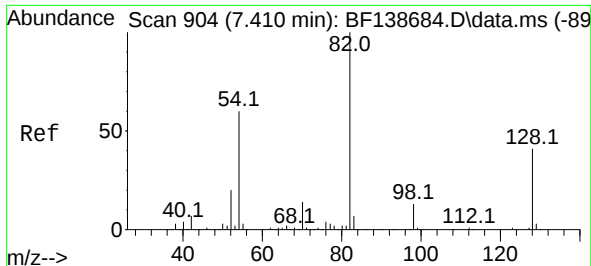


#22
Acetophenone
Concen: 4.303 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32



Tgt Ion:105 Resp: 20173
Ion Ratio Lower Upper
105 100
71 6.4 7.2 10.8#
51 40.3 35.9 53.9
120 22.1 17.6 26.4





#23

Nitrobenzene-d5

Concen: 90.369 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

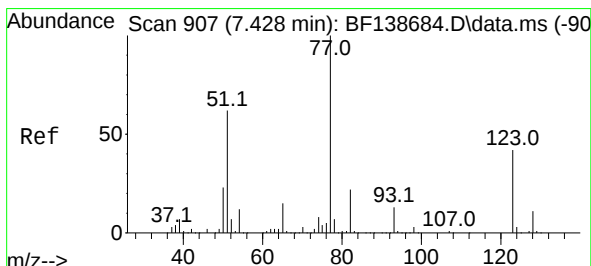
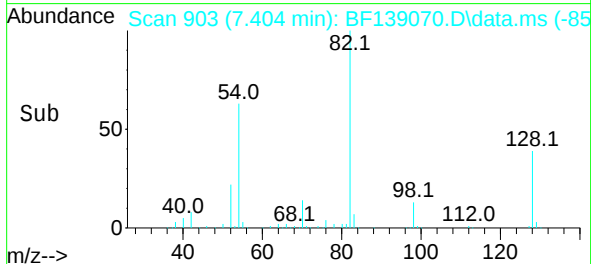
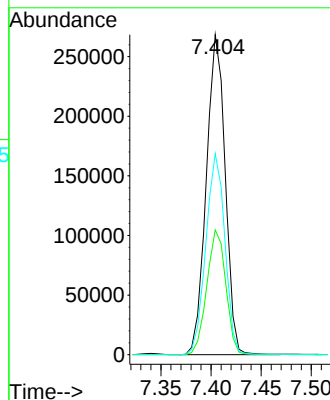
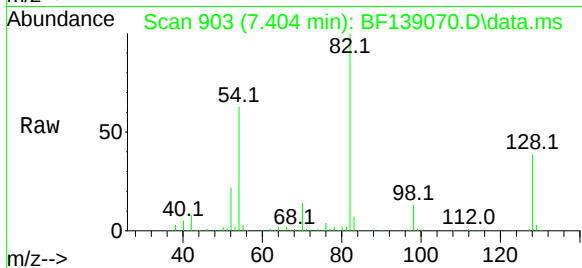
Tgt Ion: 82 Resp: 353866

Ion Ratio Lower Upper

82 100

128 39.0 32.8 49.2

54 62.8 48.3 72.5



#24

Nitrobenzene

Concen: 4.313 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

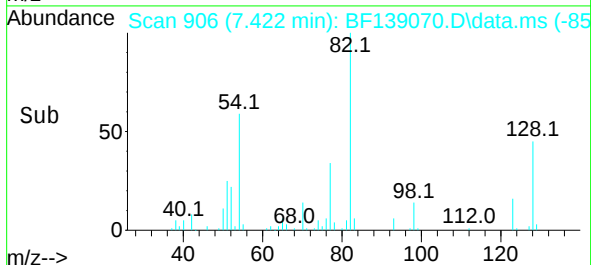
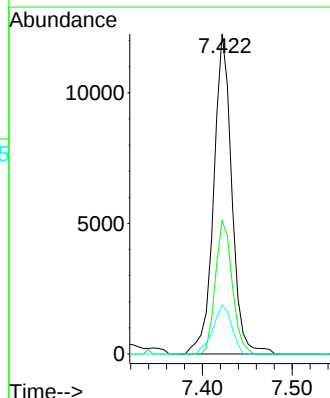
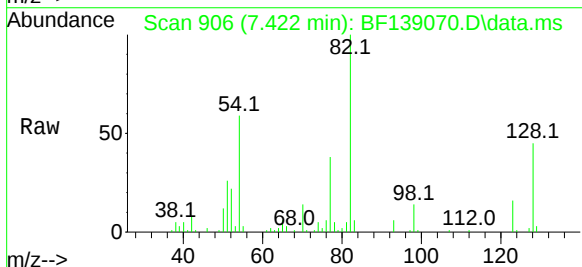
Tgt Ion: 77 Resp: 17184

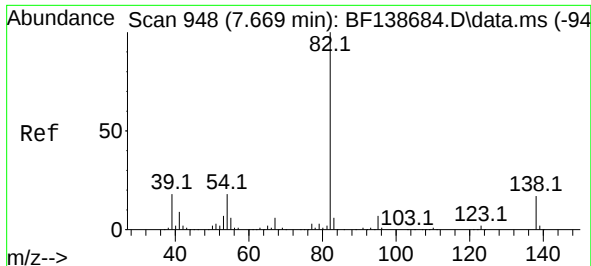
Ion Ratio Lower Upper

77 100

123 41.7 33.3 49.9

65 15.3 11.9 17.9

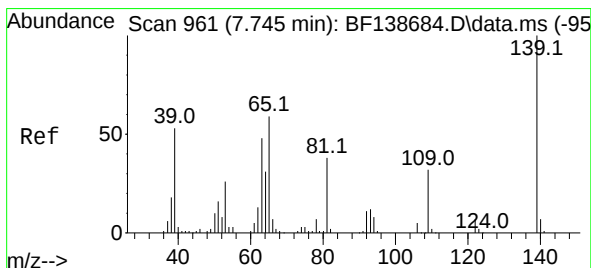
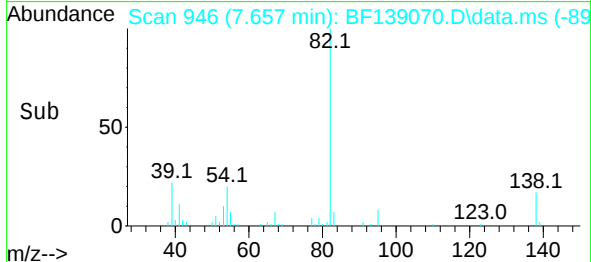
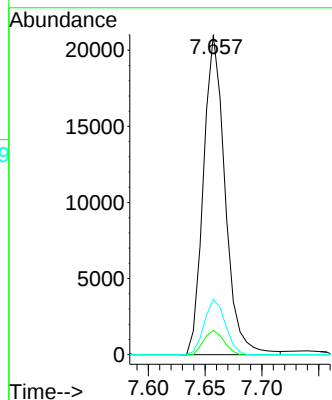
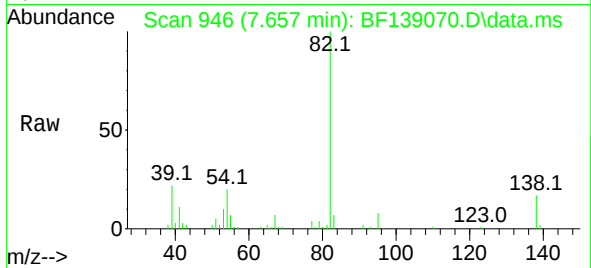




#25
Isophorone
Concen: 4.161 ng
RT: 7.657 min Scan# 946
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

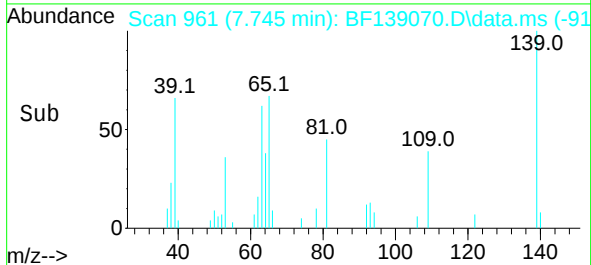
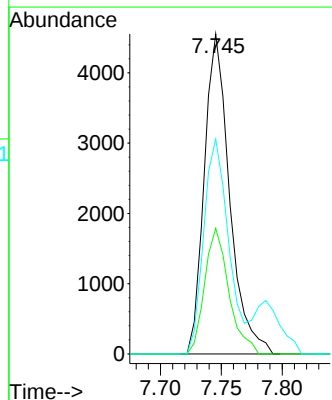
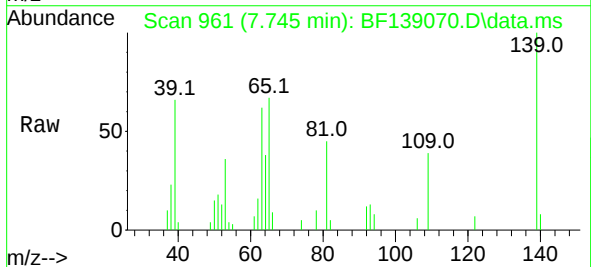
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

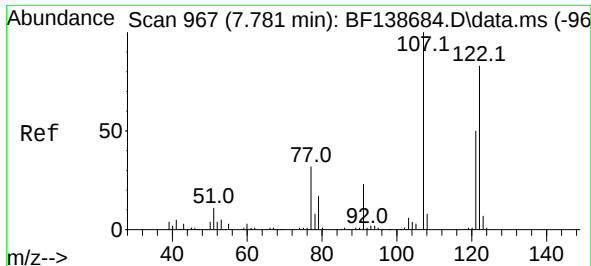
Tgt Ion: 82 Resp: 27822
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 17.3 13.7 20.5



#26
2-Nitrophenol
Concen: 3.833 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion: 139 Resp: 6571
Ion Ratio Lower Upper
139 100
109 39.2 25.9 38.9#
65 67.1 47.0 70.6

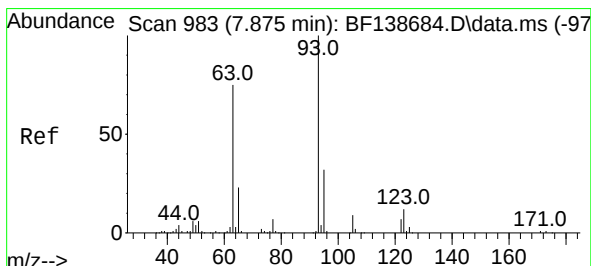
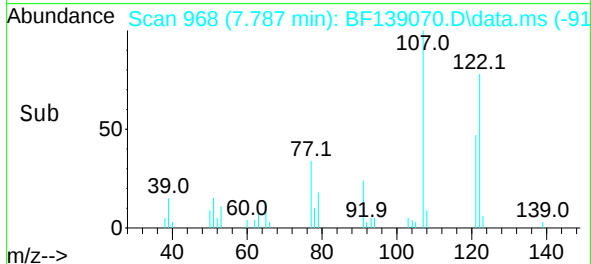
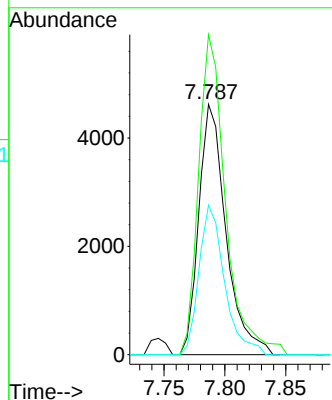
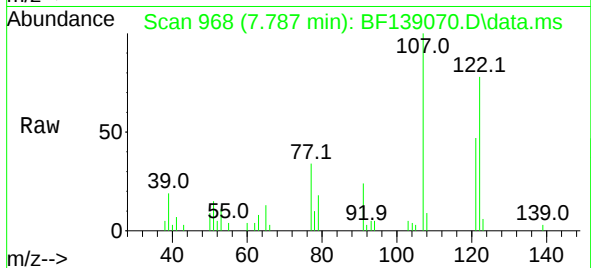




#27
2,4-Dimethylphenol
Concen: 3.503 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

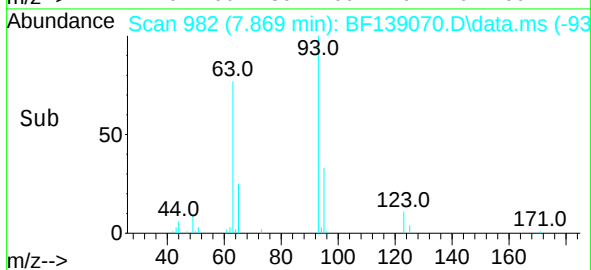
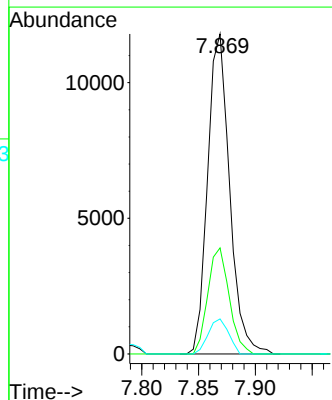
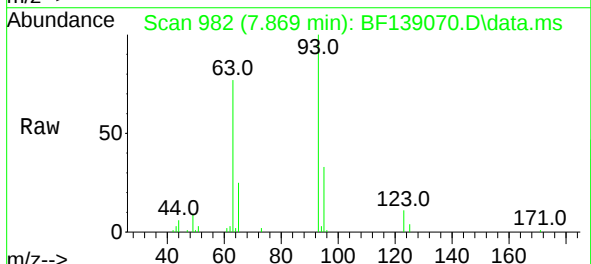
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

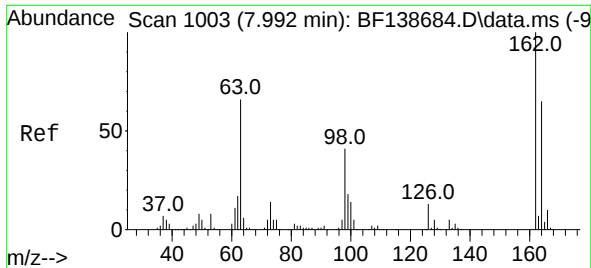
Tgt Ion:	122	Resp:	7185
Ion	Ratio	Lower	Upper
122	100		
107	127.8	95.0	142.6
121	59.7	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 3.898 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion:	93	Resp:	15872
Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.8	38.8
123	11.0	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 3.653 ng

RT: 8.010 min Scan# 1006

Delta R.T. 0.018 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

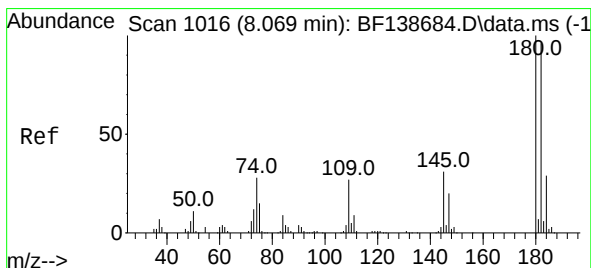
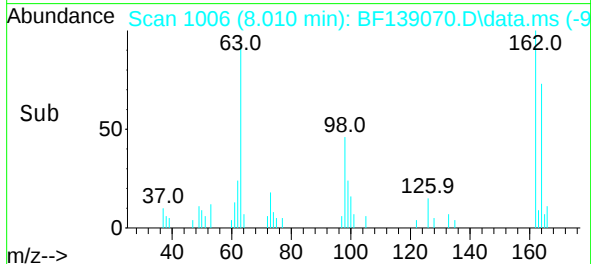
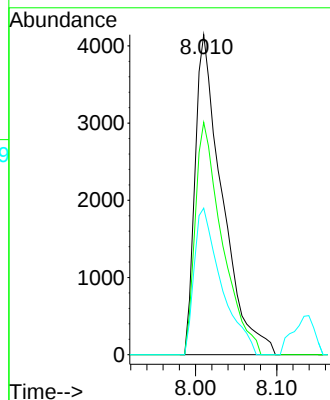
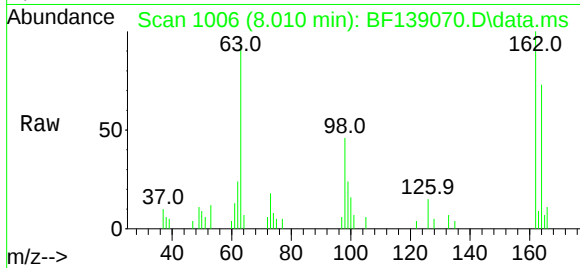
Tgt Ion:162 Resp: 9627

Ion Ratio Lower Upper

162 100

164 72.6 44.7 84.7

98 45.8 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 4.018 ng

RT: 8.057 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

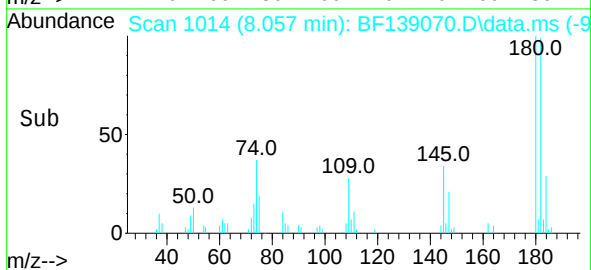
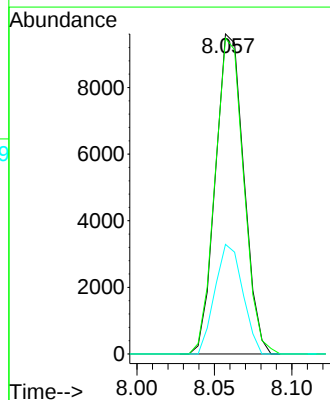
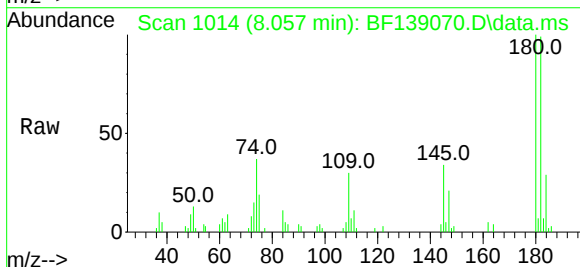
Tgt Ion:180 Resp: 12222

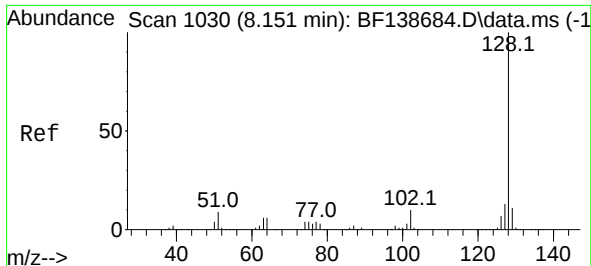
Ion Ratio Lower Upper

180 100

182 98.7 76.9 115.3

145 34.3 25.0 37.4

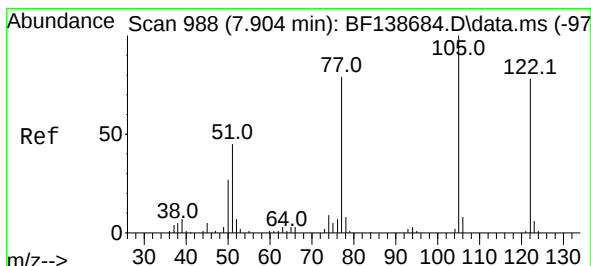
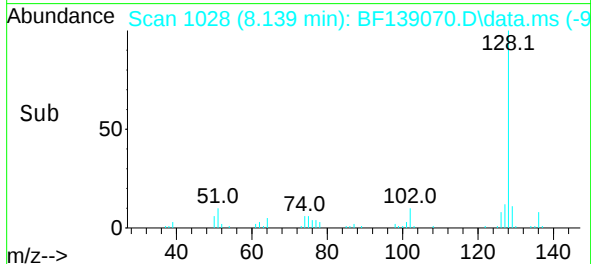
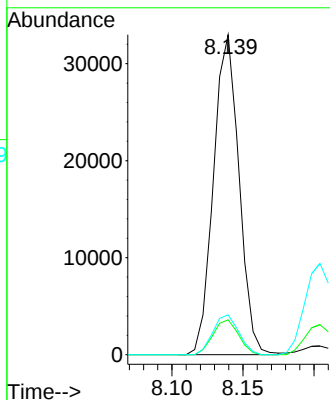
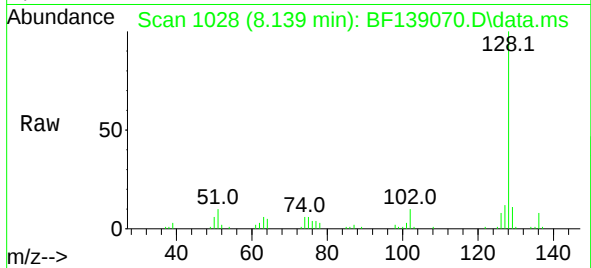




#31
Naphthalene
Concen: 4.090 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

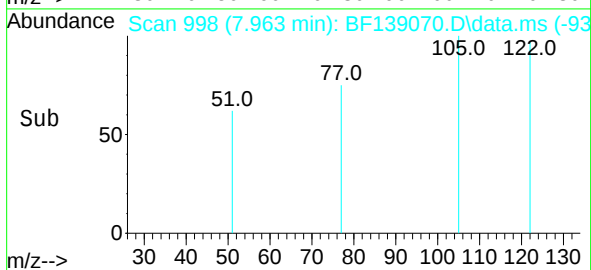
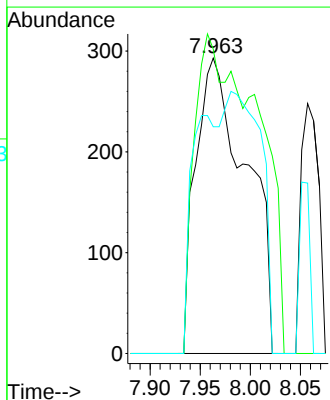
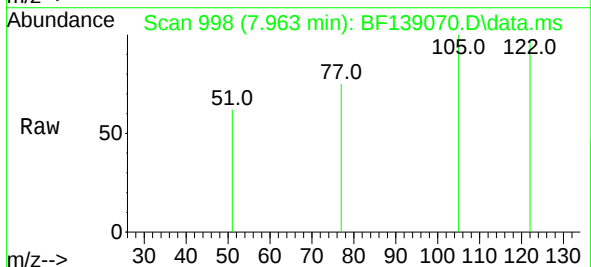
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

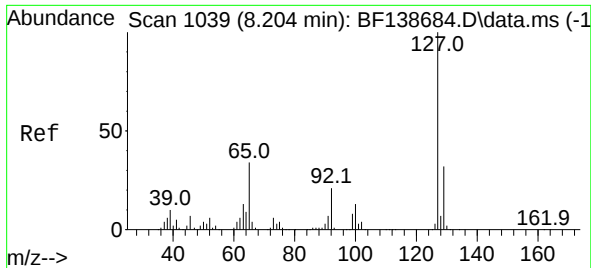
Tgt Ion:128 Resp: 41212
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.5 10.6 16.0



#32
Benzoic acid
Concen: 0.639 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.059 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion:122 Resp: 1030
Ion Ratio Lower Upper
122 100
105 103.1 106.7 146.7#
77 76.8 81.1 121.1#

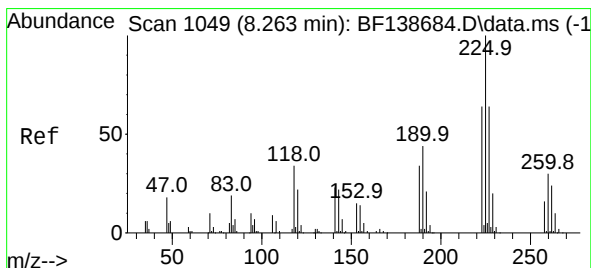
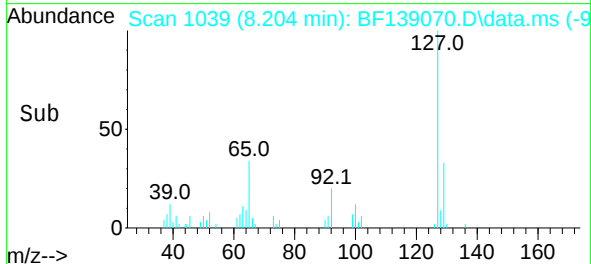
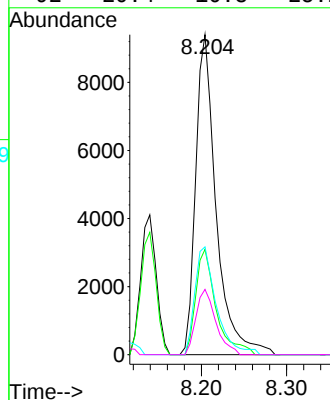
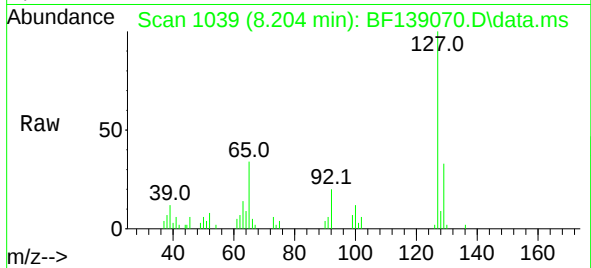




#33
4-Chloroaniline
Concen: 4.643 ng
RT: 8.204 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

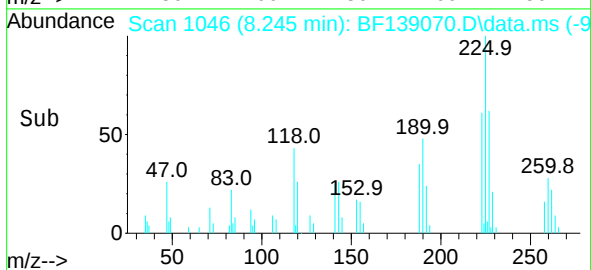
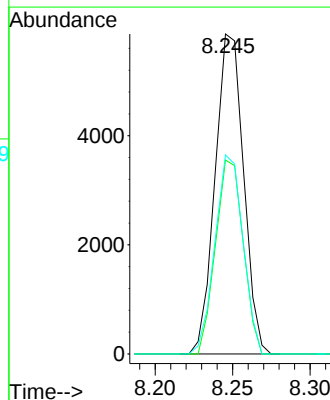
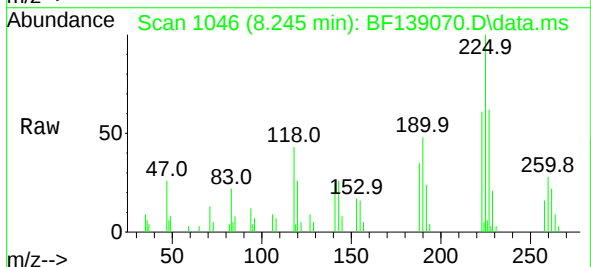
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

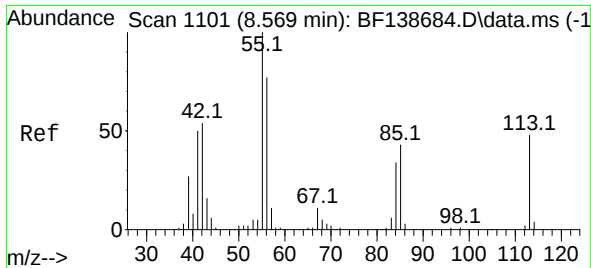
Tgt Ion:	127	Resp:	15706
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	33.7	27.6	41.4
92	20.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 4.067 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.018 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion:	225	Resp:	7493
Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.2	76.8
227	62.2	51.1	76.7





#35

Caprolactam

Concen: 3.769 ng

RT: 8.545 min Scan# 1101

Delta R.T. -0.023 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

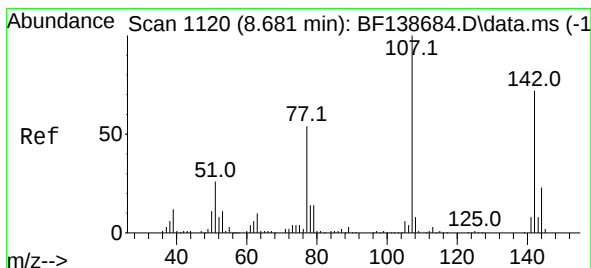
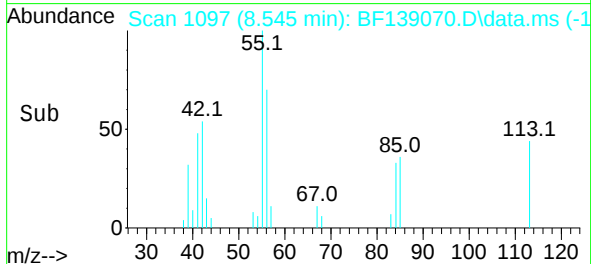
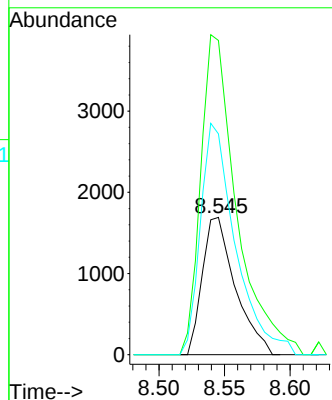
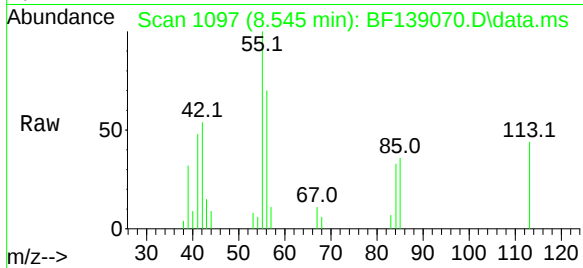
Tgt Ion:113 Resp: 2964

Ion Ratio Lower Upper

113 100

55 228.9 186.7 226.7#

56 160.9 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 4.053 ng

RT: 8.692 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

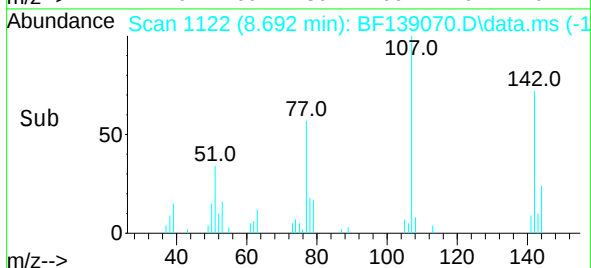
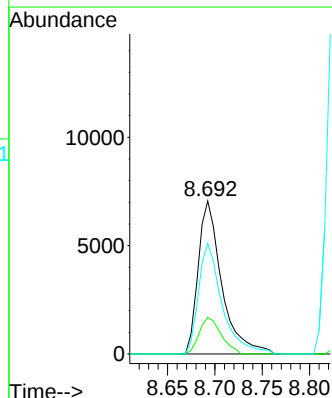
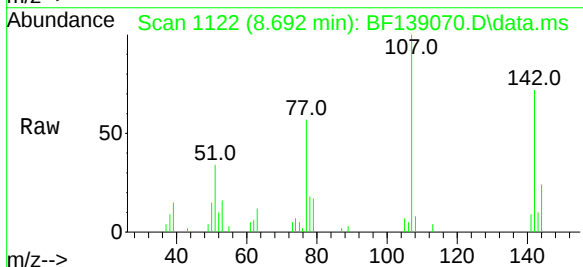
Tgt Ion:107 Resp: 12209

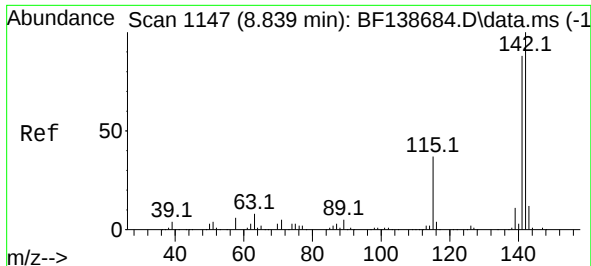
Ion Ratio Lower Upper

107 100

144 23.9 18.2 27.2

142 72.2 57.4 86.2





#37

2-Methylnaphthalene

Concen: 4.139 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

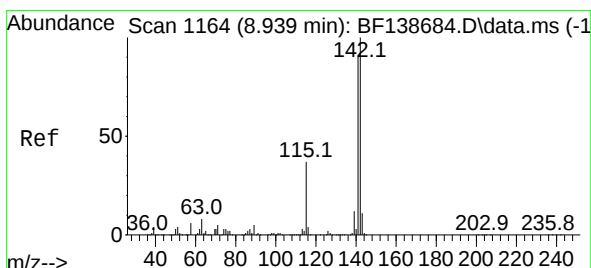
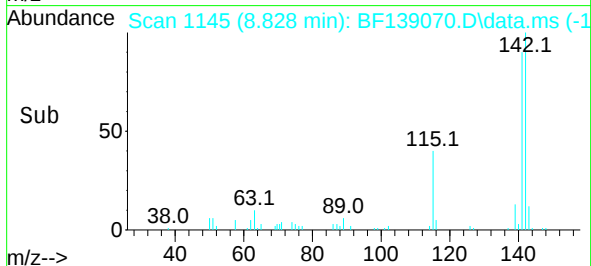
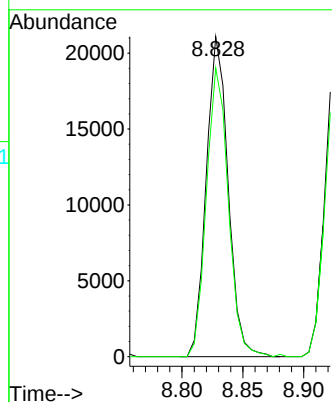
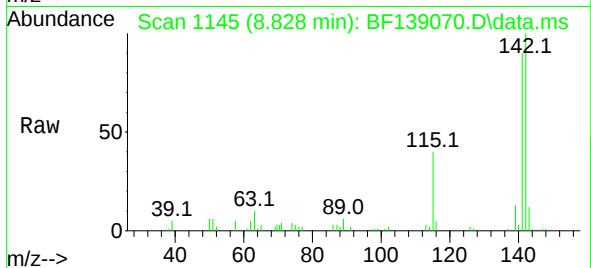
MDL-WATER-03-QT3-2024

Tgt Ion:142 Resp: 26341

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2



#38

1-Methylnaphthalene

Concen: 4.074 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139070.D

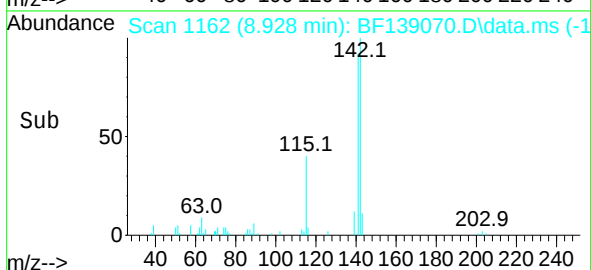
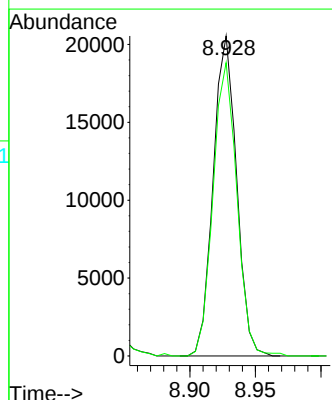
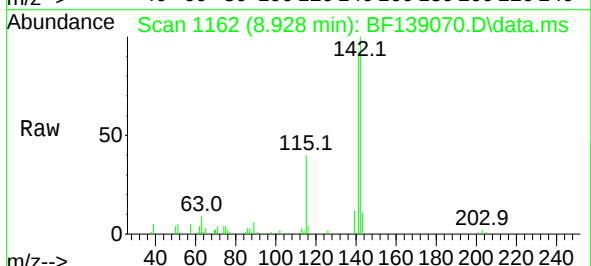
Acq: 19 Aug 2024 12:32

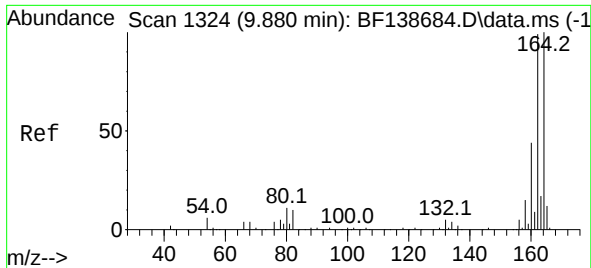
Tgt Ion:142 Resp: 25408

Ion Ratio Lower Upper

142 100

141 91.6 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 111978

Delta R.T. -0.011 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

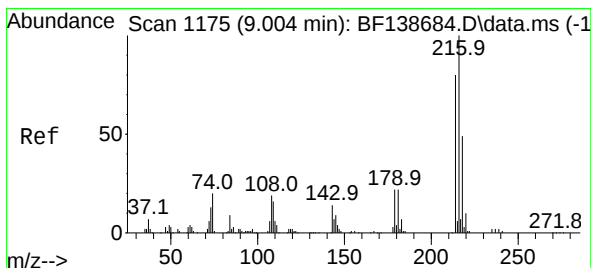
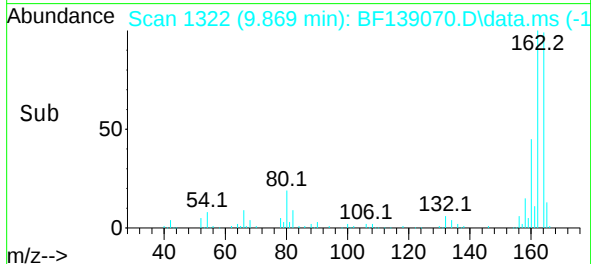
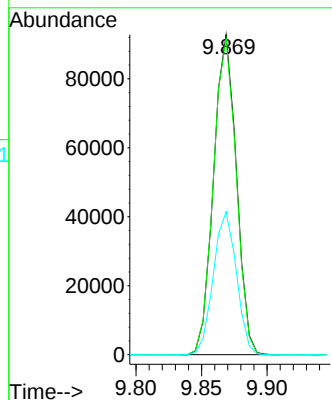
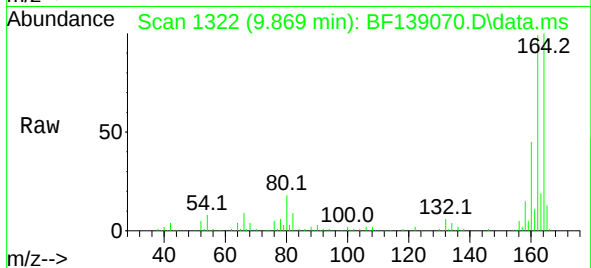
Tgt Ion:164 Resp: 111978

Ion Ratio Lower Upper

164 100

162 98.7 79.4 119.0

160 44.7 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.148 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Tgt Ion:216 Resp: 12904

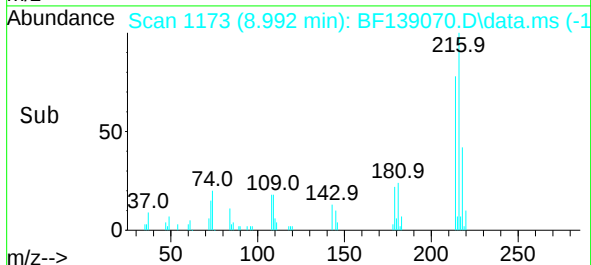
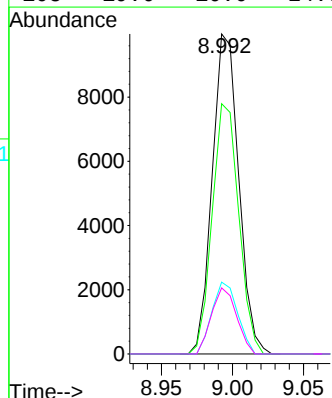
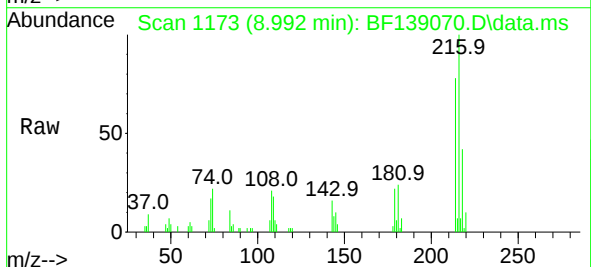
Ion Ratio Lower Upper

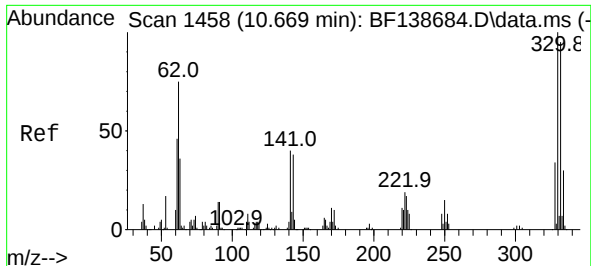
216 100

214 78.3 63.9 95.9

179 21.8 17.8 26.6

108 19.6 16.0 24.0





#42

2,4,6-Tribromophenol

Concen: 136.261 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139070.D

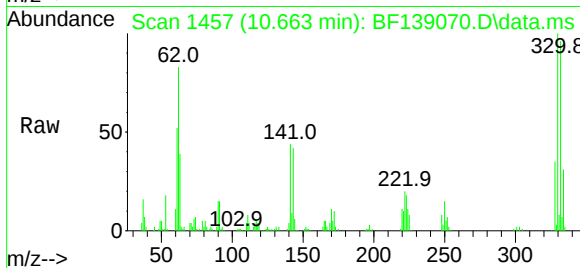
Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024



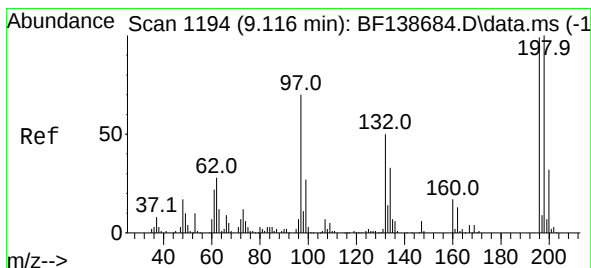
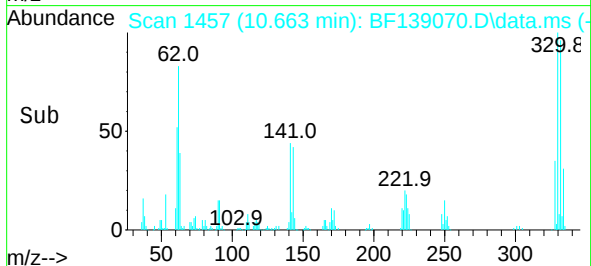
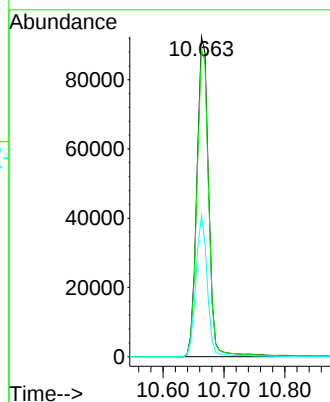
Tgt Ion:330 Resp: 124985

Ion Ratio Lower Upper

330 100

332 95.8 76.4 114.6

141 42.9 31.1 46.7



#43

2,4,6-Trichlorophenol

Concen: 3.333 ng

RT: 9.122 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

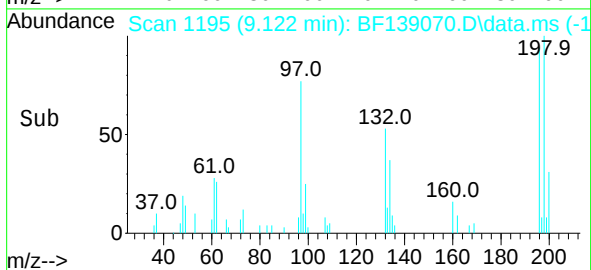
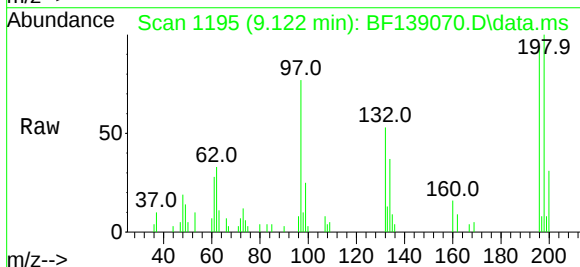
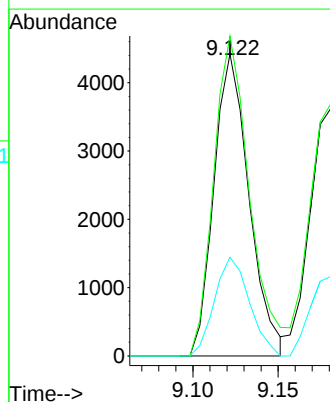
Tgt Ion:196 Resp: 6322

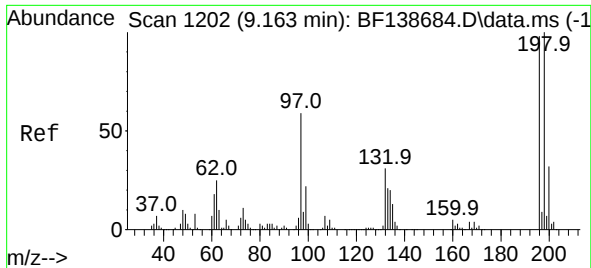
Ion Ratio Lower Upper

196 100

198 106.0 80.5 120.7

200 32.7 25.9 38.9

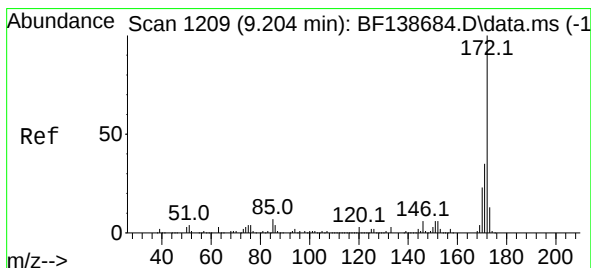
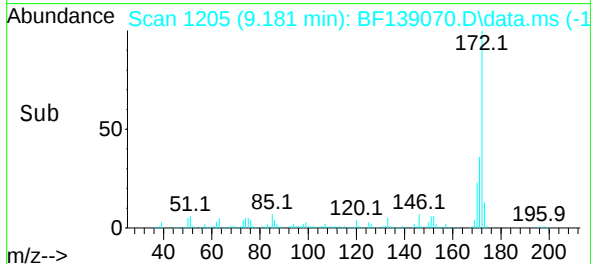
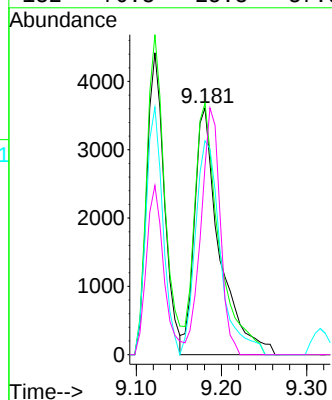
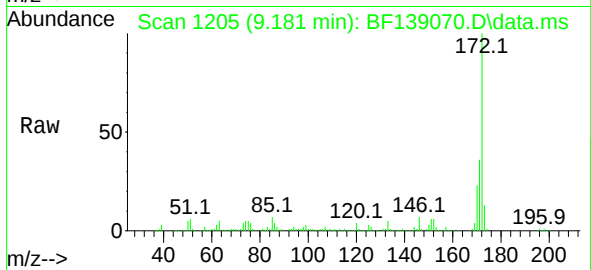




#44
2,4,5-Trichlorophenol
Concen: 3.553 ng
RT: 9.181 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

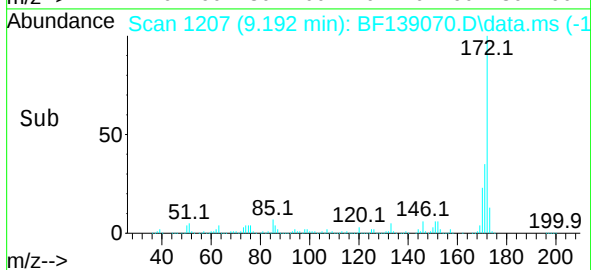
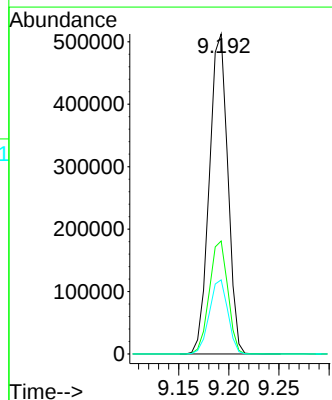
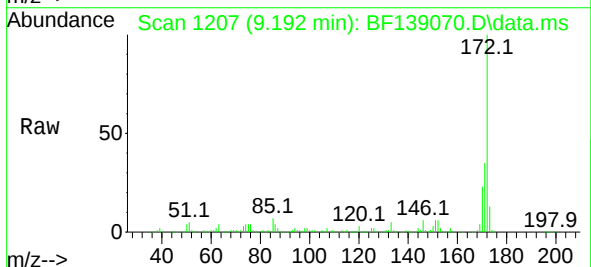
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

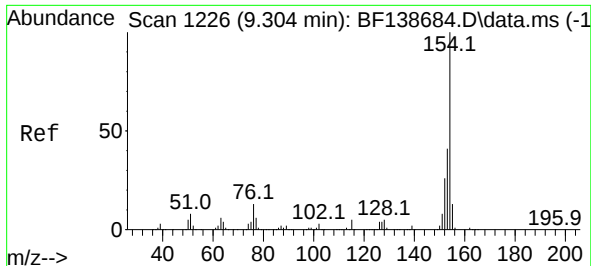
Tgt Ion:196 Resp: 7367
Ion Ratio Lower Upper
196 100
198 101.9 81.2 121.8
97 86.7 47.8 71.6#
132 76.3 25.3 37.9#



#45
2-Fluorobiphenyl
Concen: 87.933 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion:172 Resp: 655343
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 18.8 28.2





#46

1,1'-Biphenyl

Concen: 4.223 ng

RT: 9.286 min Scan# 1223

Delta R.T. -0.018 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

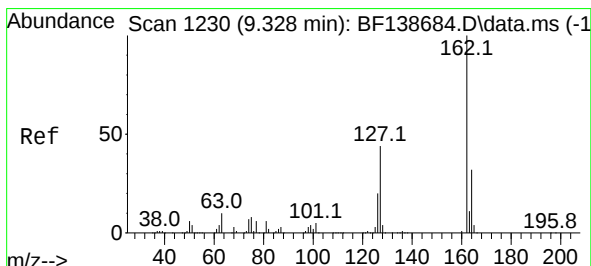
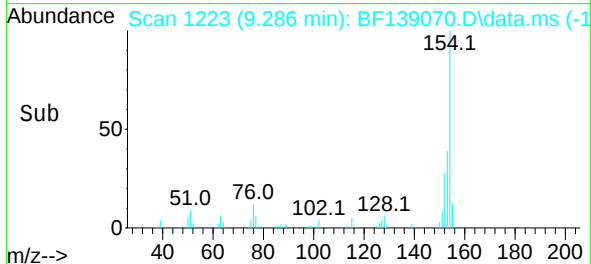
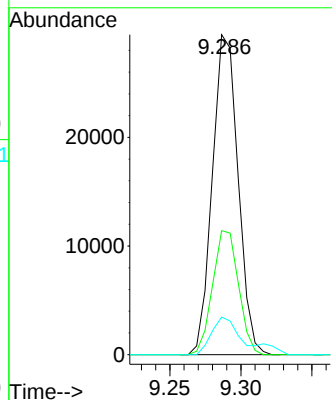
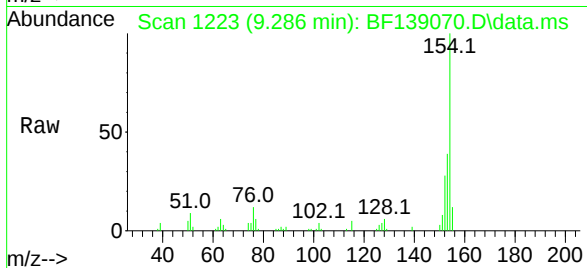
Tgt Ion:154 Resp: 37034

Ion Ratio Lower Upper

154 100

153 38.8 20.8 60.8

76 11.8 0.0 32.8



#47

2-Chloronaphthalene

Concen: 3.972 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

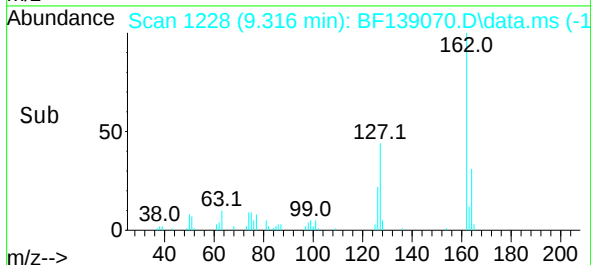
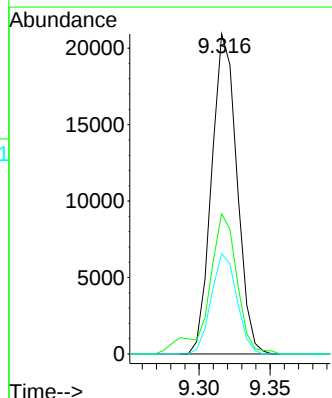
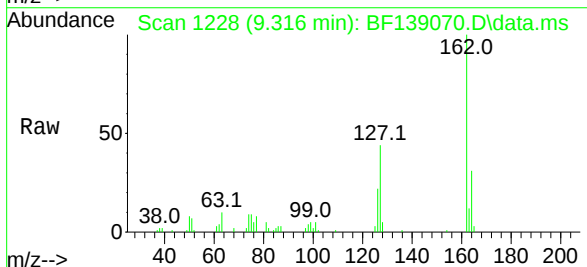
Tgt Ion:162 Resp: 25908

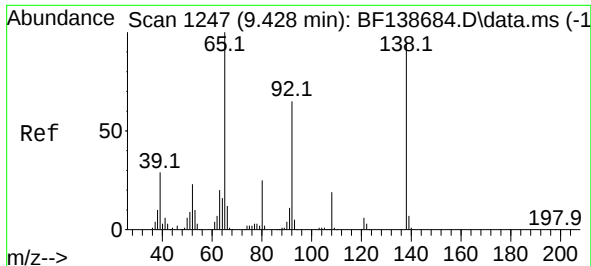
Ion Ratio Lower Upper

162 100

127 43.8 35.4 53.2

164 31.3 25.6 38.4





#48

2-Nitroaniline

Concen: 4.001 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

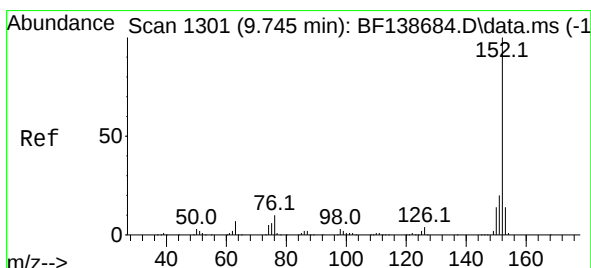
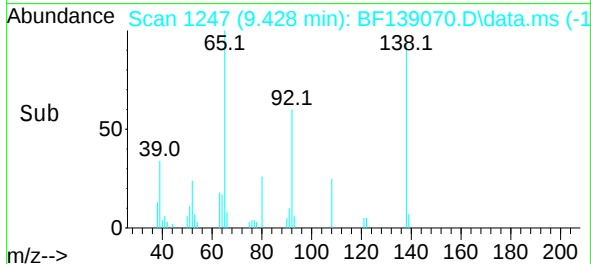
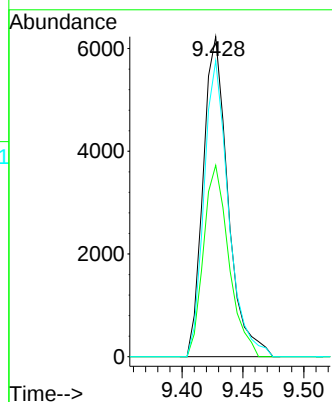
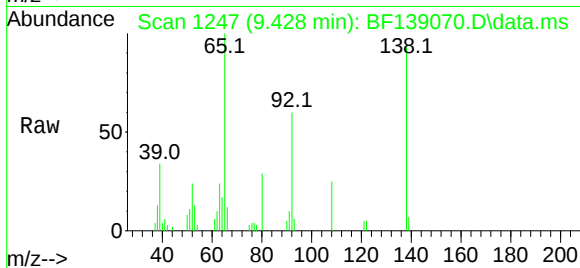
Tgt Ion: 65 Resp: 8847

Ion Ratio Lower Upper

65 100

92 59.8 52.0 78.0

138 92.5 76.2 114.4



#49

Acenaphthylene

Concen: 4.353 ng

RT: 9.733 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

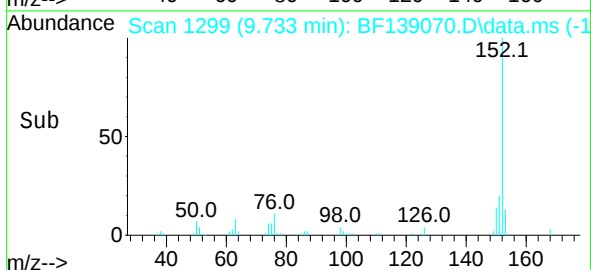
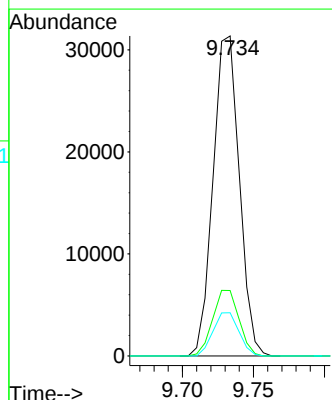
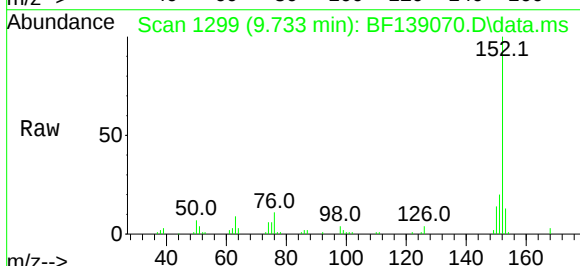
Tgt Ion: 152 Resp: 40272

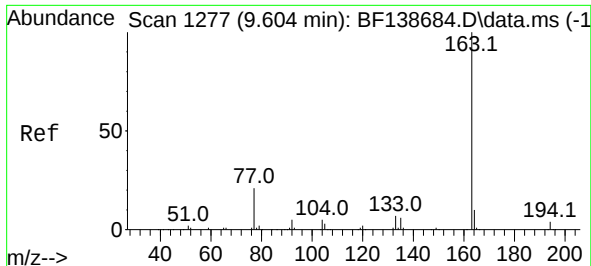
Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 13.5 11.0 16.4





#50

Dimethylphthalate

Concen: 4.272 ng

RT: 9.586 min Scan# 1274

Delta R.T. -0.018 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

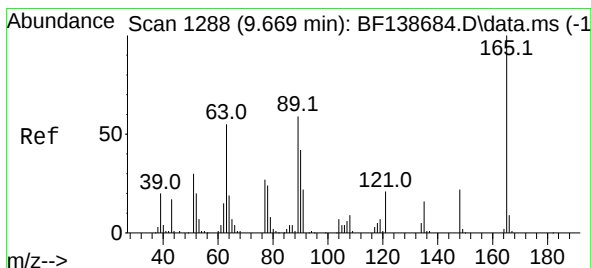
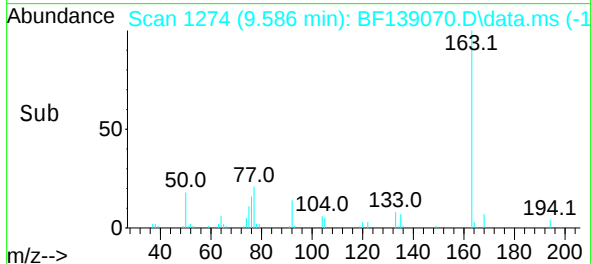
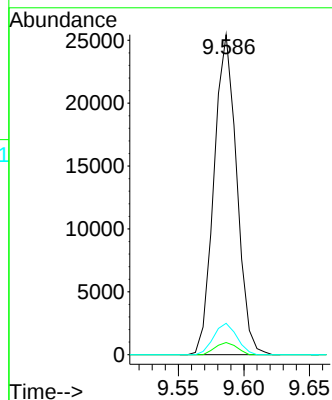
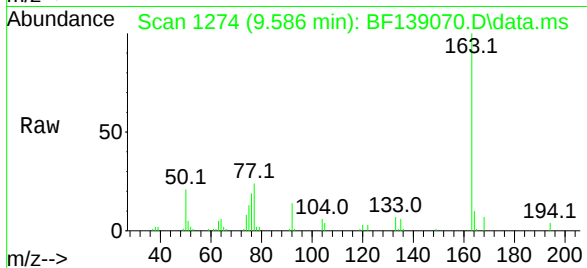
Tgt Ion:163 Resp: 30590

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 9.8 7.8 11.8



#51

2,6-Dinitrotoluene

Concen: 4.003 ng

RT: 9.657 min Scan# 1286

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

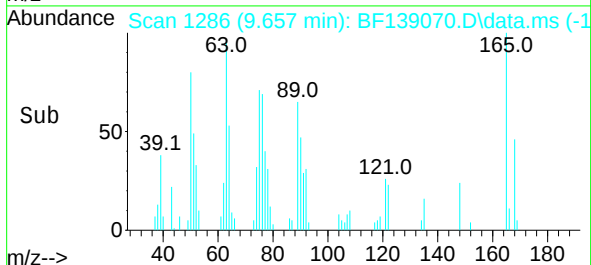
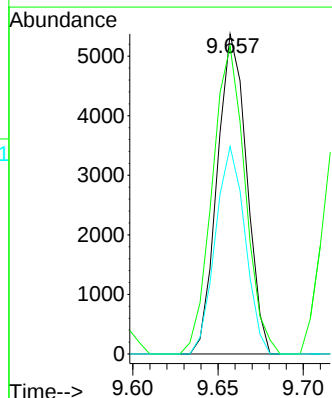
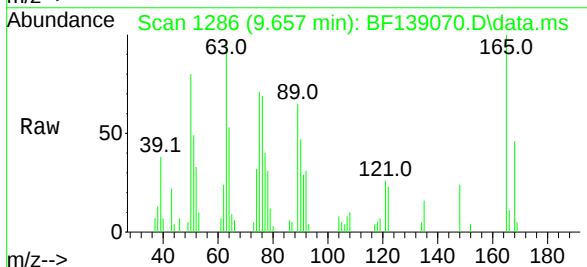
Tgt Ion:165 Resp: 6468

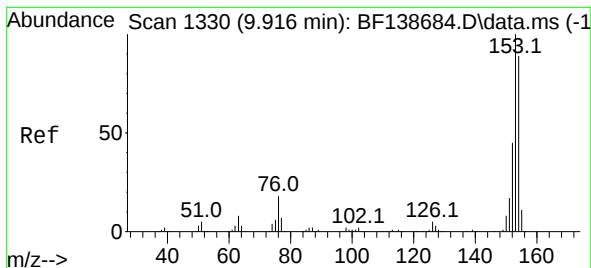
Ion Ratio Lower Upper

165 100

63 96.1 52.0 78.0#

89 64.8 47.0 70.6





#52

Acenaphthene

Concen: 4.095 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

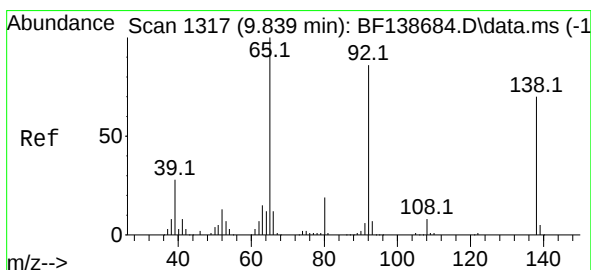
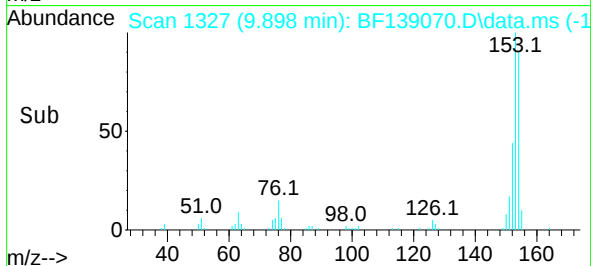
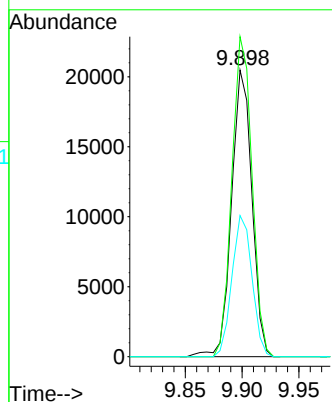
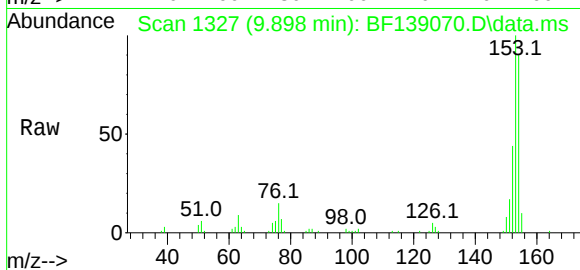
Tgt Ion:154 Resp: 25466

Ion Ratio Lower Upper

154 100

153 111.6 89.9 134.9

152 49.2 40.6 60.8



#53

3-Nitroaniline

Concen: 3.879 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

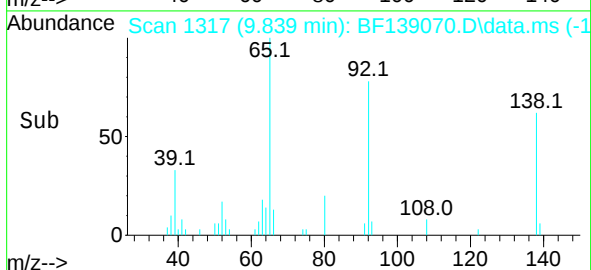
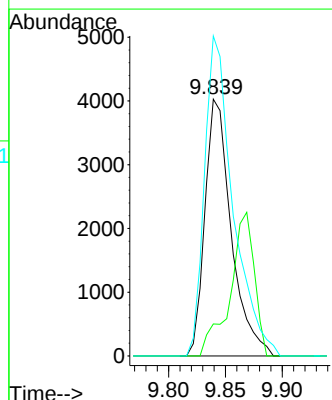
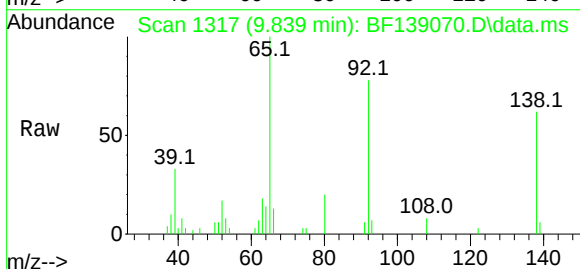
Tgt Ion:138 Resp: 6480

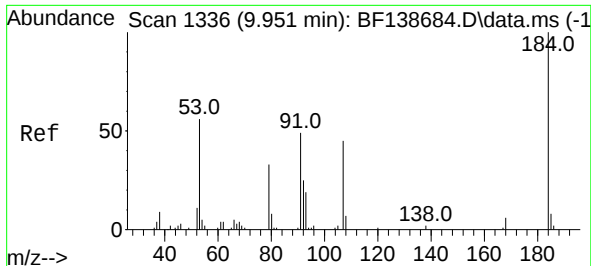
Ion Ratio Lower Upper

138 100

108 12.4 9.1 13.7

92 124.6 98.7 148.1





#54

2,4-Dinitrophenol

Concen: 0.156 ng

RT: 9.998 min Scan# 1344

Delta R.T. 0.047 min

Lab File: BF139070.D

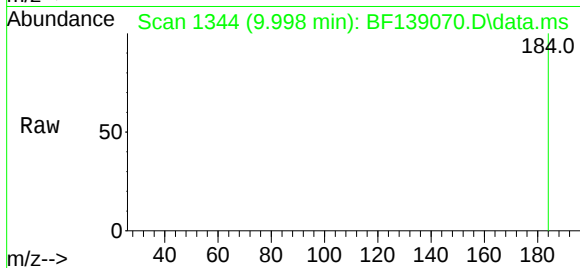
Acq: 19 Aug 2024 12:32

Instrument :

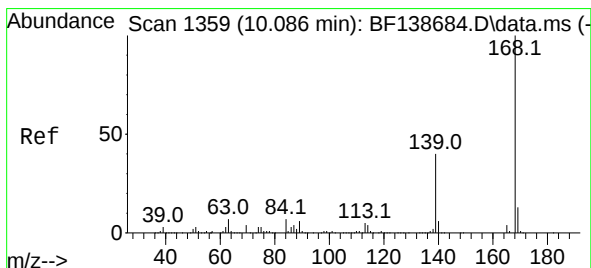
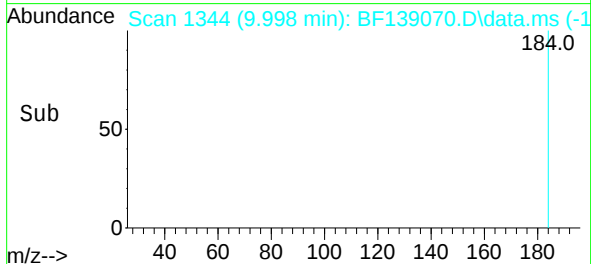
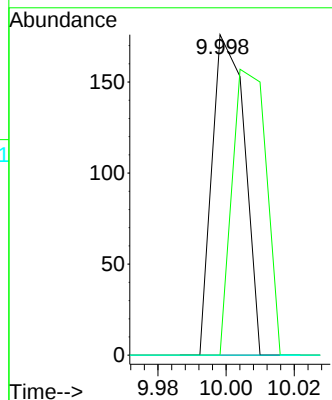
BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:184	Resp:	116
Ion Ratio	Lower	Upper
184	100	
63	0.0	57.5
154	0.0	51.7



#55

Dibenzofuran

Concen: 4.319 ng

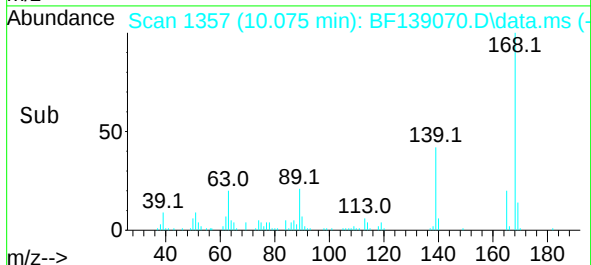
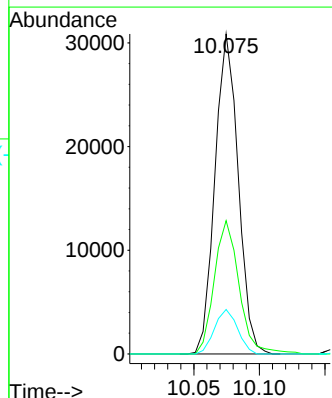
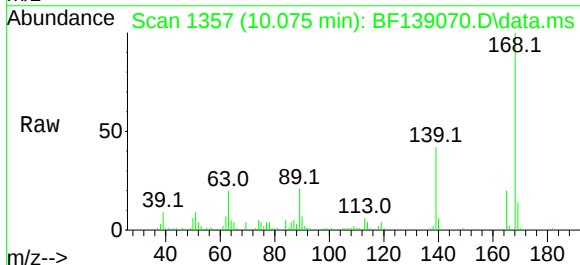
RT: 10.075 min Scan# 1357

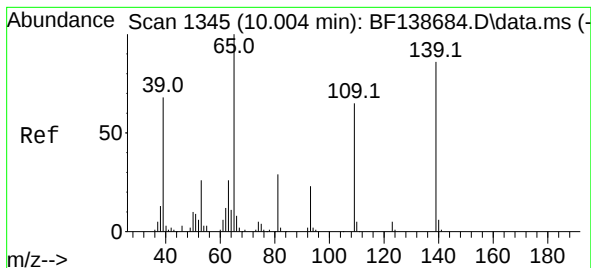
Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Tgt Ion:168	Resp:	37913
Ion Ratio	Lower	Upper
168	100	
139	41.7	32.6
169	13.9	10.7





#56

4-Nitrophenol

Concen: 16.858 ng

RT: 10.075 min Scan# 1357

Delta R.T. 0.071 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

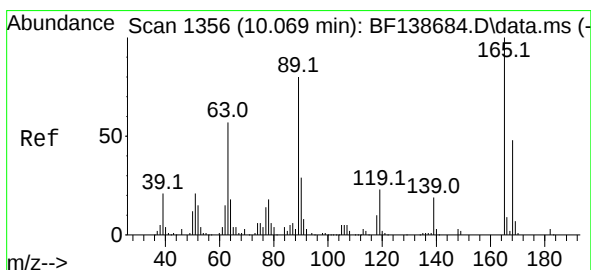
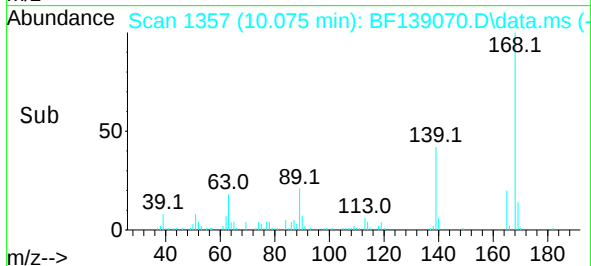
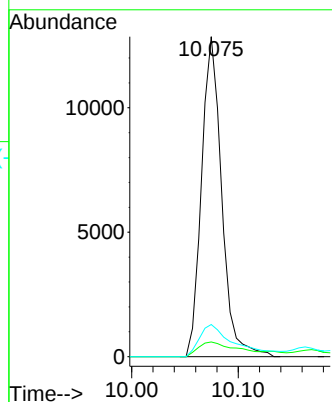
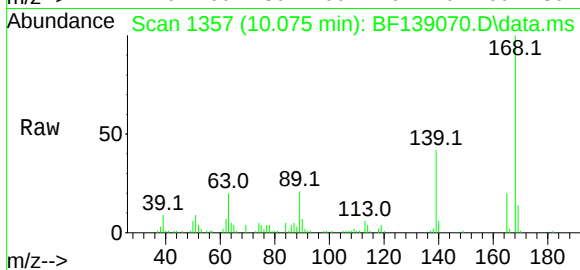
Tgt Ion:139 Resp: 16934

Ion Ratio Lower Upper

139 100

109 4.6 55.5 95.5#

65 10.0 96.7 136.7#



#57

2,4-Dinitrotoluene

Concen: 4.012 ng

RT: 10.075 min Scan# 1357

Delta R.T. 0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Tgt Ion:165 Resp: 8271

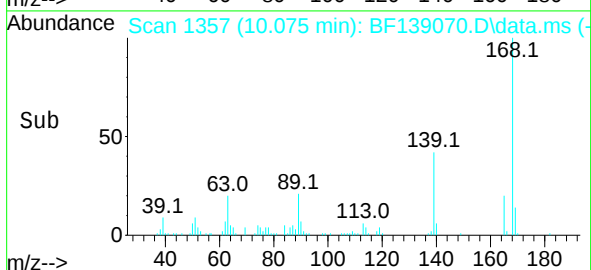
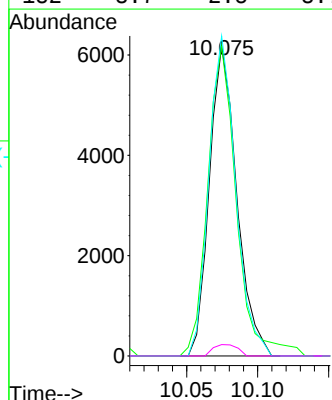
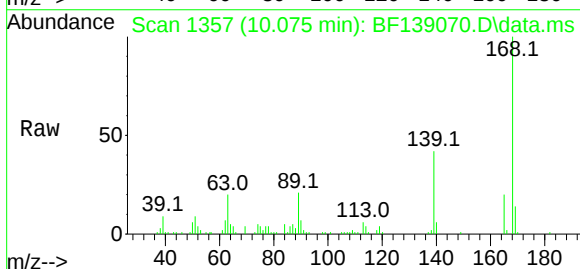
Ion Ratio Lower Upper

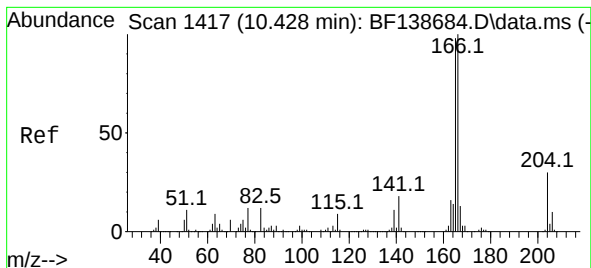
165 100

63 99.8 46.3 69.5#

89 103.2 64.2 96.4#

182 3.7 2.5 3.7





#58

Fluorene

Concen: 4.357 ng

RT: 10.416 min Scan# 1417

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

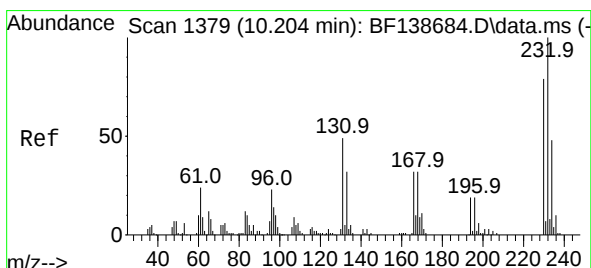
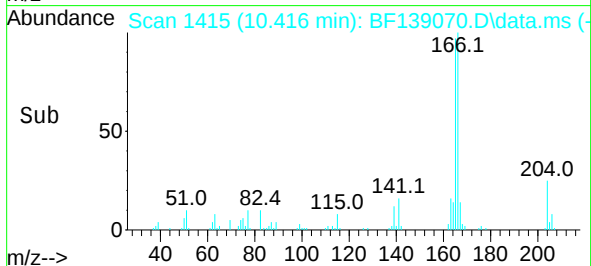
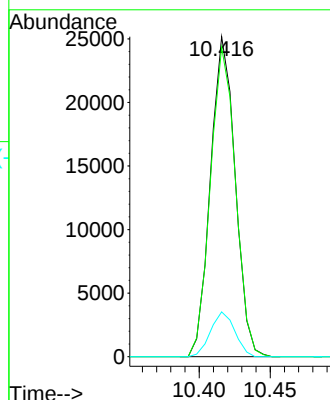
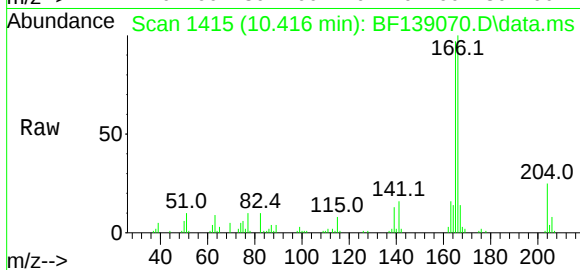
Tgt Ion:166 Resp: 30457

Ion Ratio Lower Upper

166 100

165 96.7 78.4 117.6

167 14.0 10.6 16.0



#59

2,3,4,6-Tetrachlorophenol

Concen: 2.850 ng

RT: 10.210 min Scan# 1380

Delta R.T. 0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Tgt Ion:232 Resp: 4518

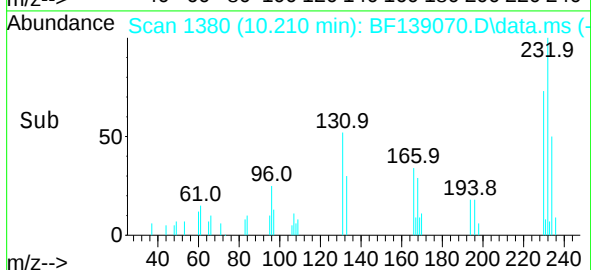
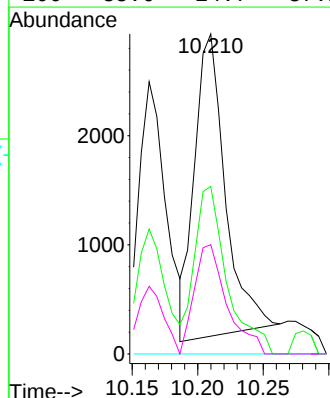
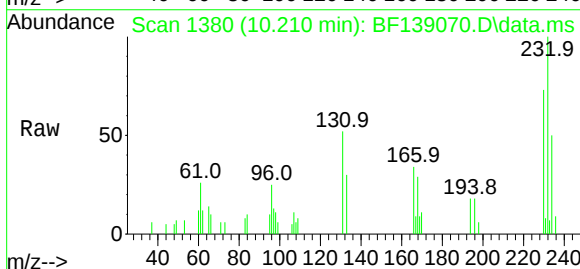
Ion Ratio Lower Upper

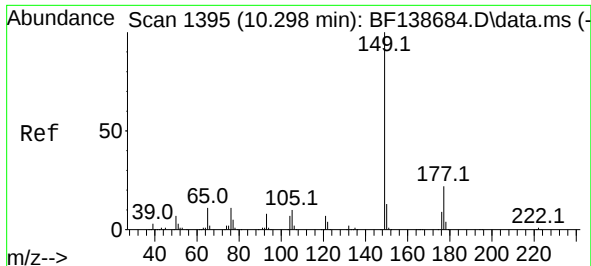
232 100

131 58.8 37.0 55.4#

130 0.0 2.0 3.0#

166 38.6 24.7 37.1#





#60

Diethylphthalate

Concen: 4.608 ng

RT: 10.286 min Scan# 1413

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

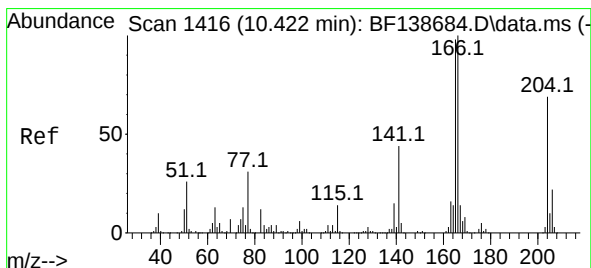
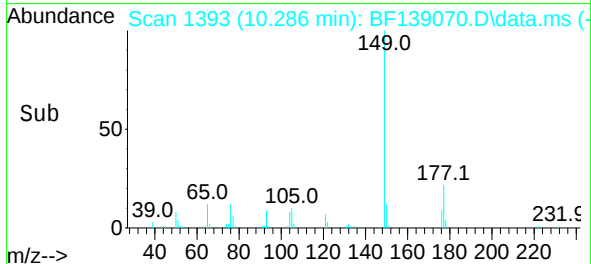
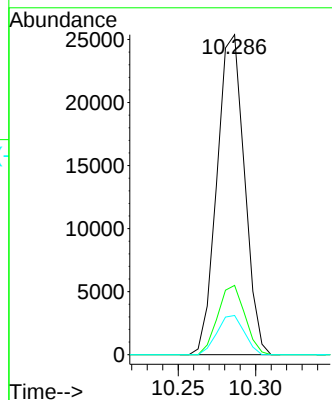
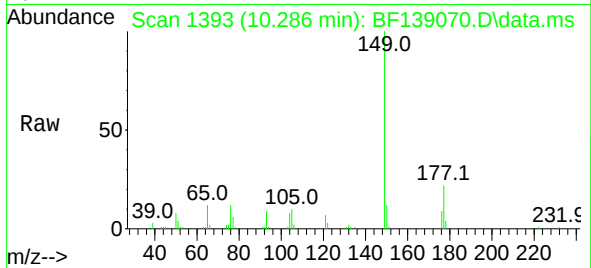
Tgt Ion:149 Resp: 31282

Ion Ratio Lower Upper

149 100

177 21.7 17.8 26.8

150 12.3 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 4.278 ng

RT: 10.404 min Scan# 1413

Delta R.T. -0.018 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

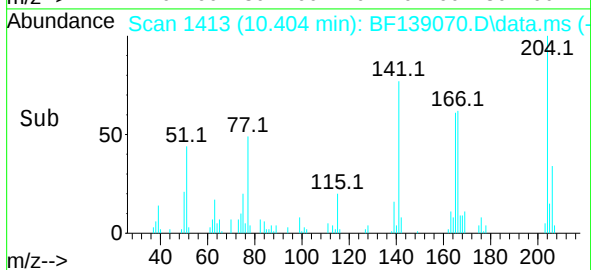
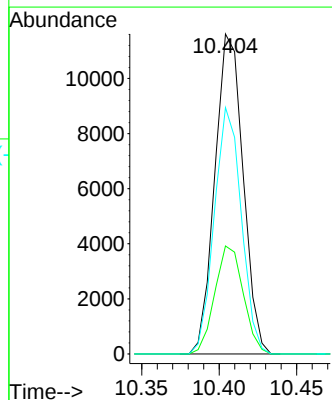
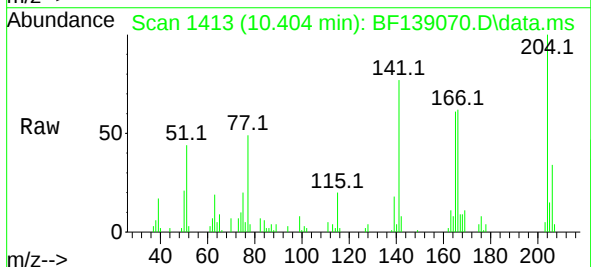
Tgt Ion:204 Resp: 14707

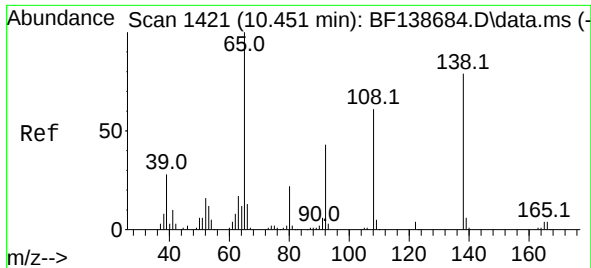
Ion Ratio Lower Upper

204 100

206 33.7 26.1 39.1

141 77.0 51.4 77.0

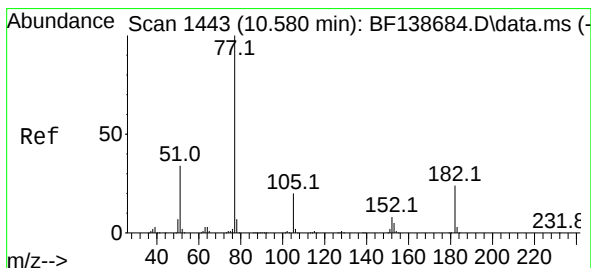
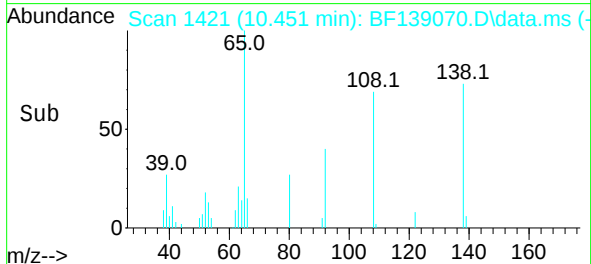
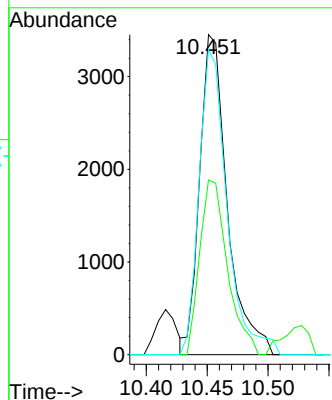
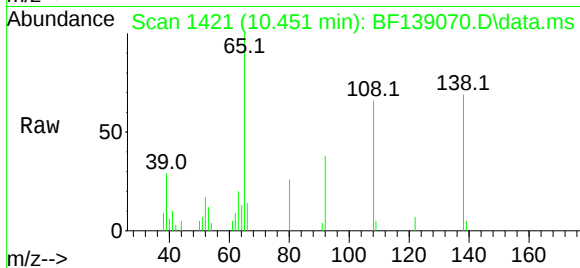




#62
4-Nitroaniline
Concen: 3.441 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

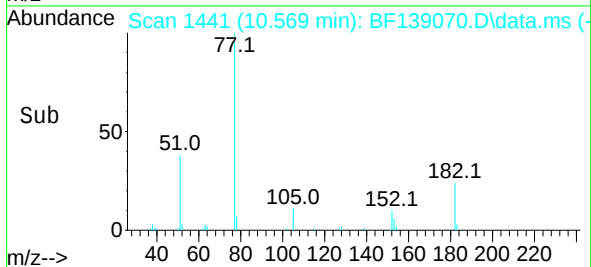
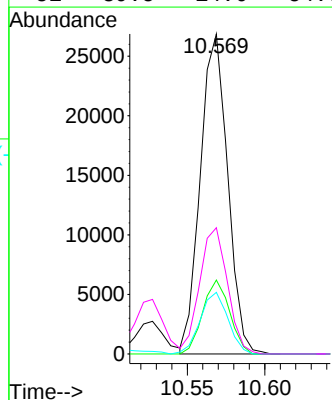
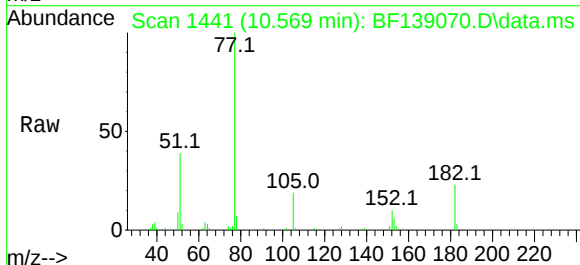
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

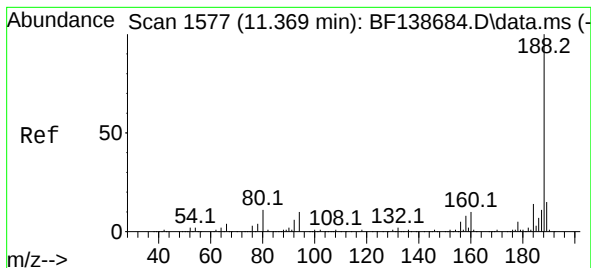
Tgt Ion:138 Resp: 5463
Ion Ratio Lower Upper
138 100
92 54.6 34.2 74.2
108 95.3 56.2 96.2



#63
Azobenzene
Concen: 4.380 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion: 77 Resp: 32981
Ion Ratio Lower Upper
77 100
182 23.1 3.4 43.4
105 19.3 0.2 40.2
51 39.5 14.6 54.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

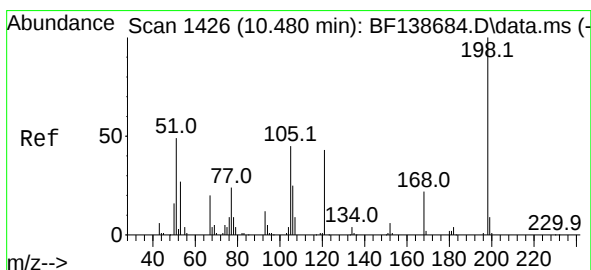
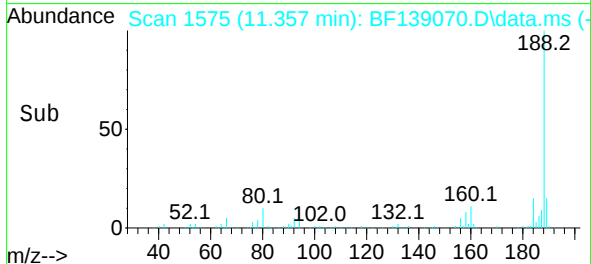
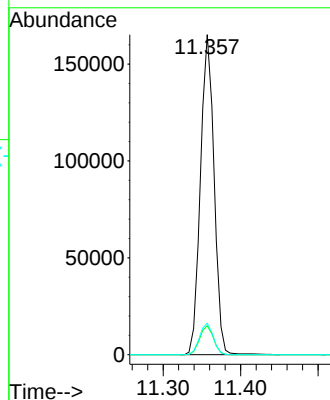
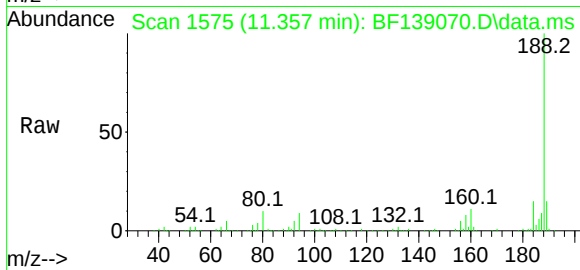
Tgt Ion:188 Resp: 201770

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.8 8.6 12.8



#65

4,6-Dinitro-2-methylphenol

Concen: 1.900 ng

RT: 10.492 min Scan# 1428

Delta R.T. 0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

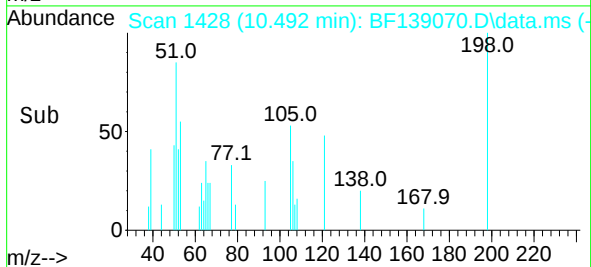
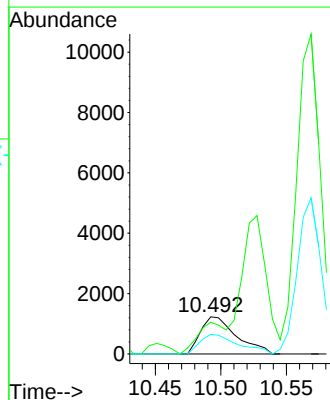
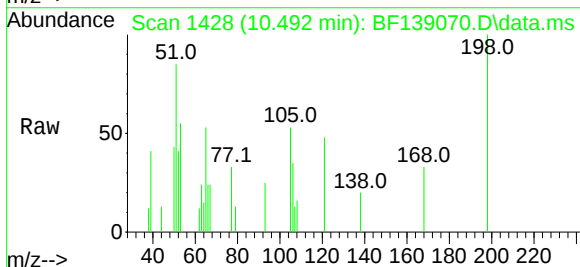
Tgt Ion:198 Resp: 2339

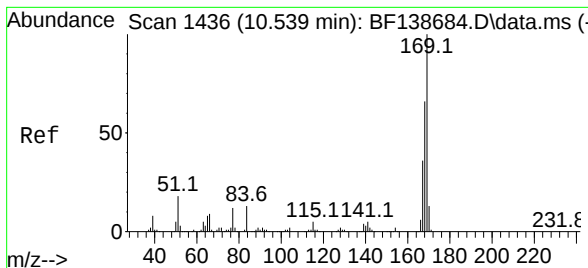
Ion Ratio Lower Upper

198 100

51 85.2 39.9 79.9#

105 52.8 26.1 66.1





#66

n-Nitrosodiphenylamine

Concen: 3.967 ng

RT: 10.528 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

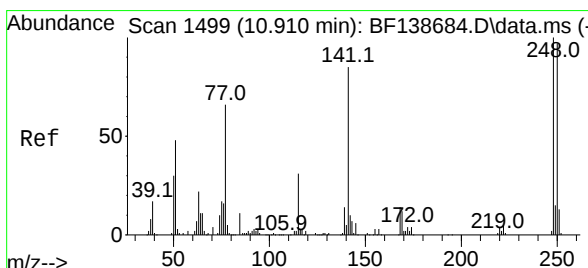
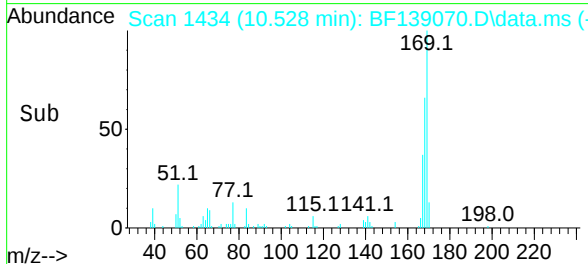
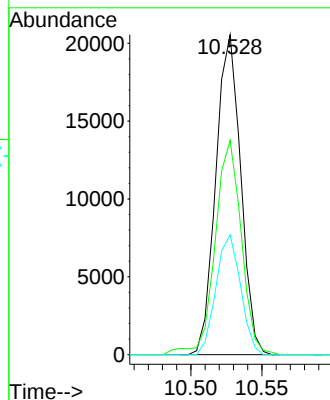
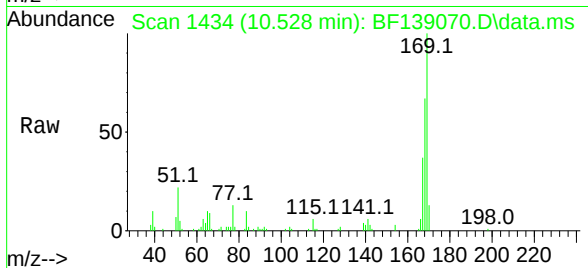
Tgt Ion:169 Resp: 25020

Ion Ratio Lower Upper

169 100

168 67.0 53.0 79.6

167 37.5 29.0 43.6



#67

4-Bromophenyl-phenylether

Concen: 3.842 ng

RT: 10.898 min Scan# 1497

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

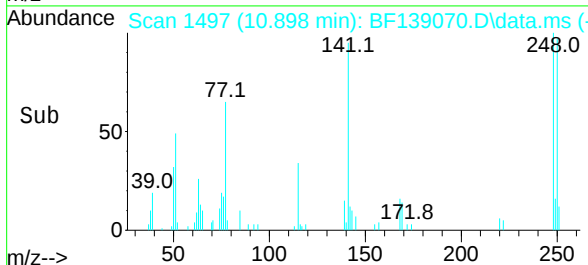
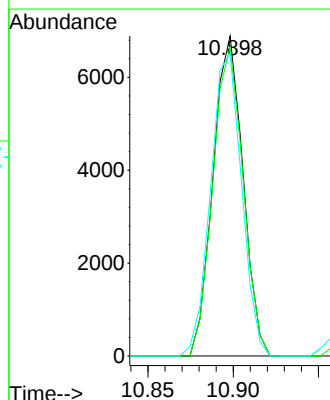
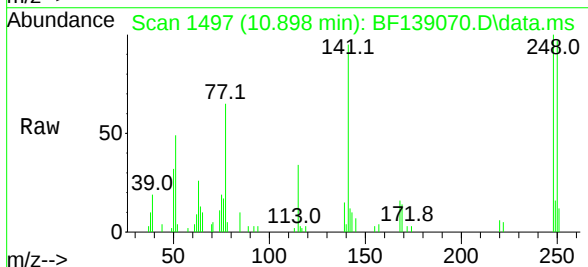
Tgt Ion:248 Resp: 8392

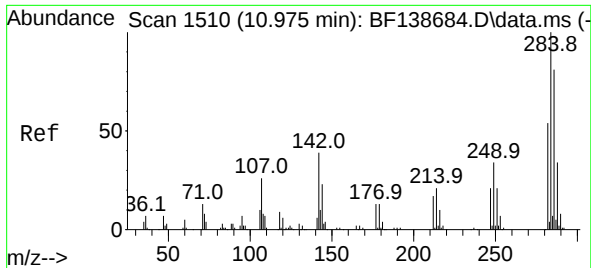
Ion Ratio Lower Upper

248 100

250 96.6 77.7 116.5

141 94.6 68.0 102.0

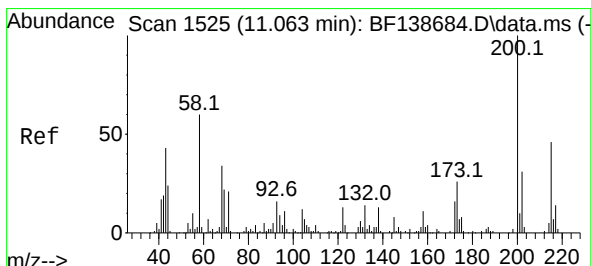
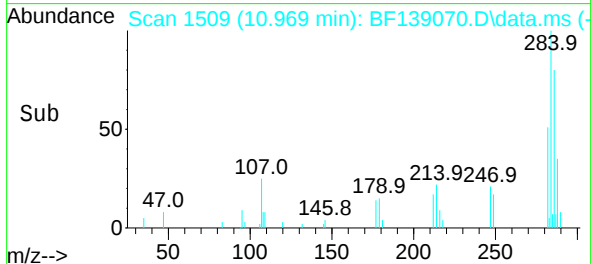
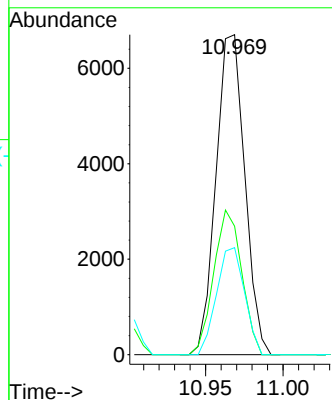
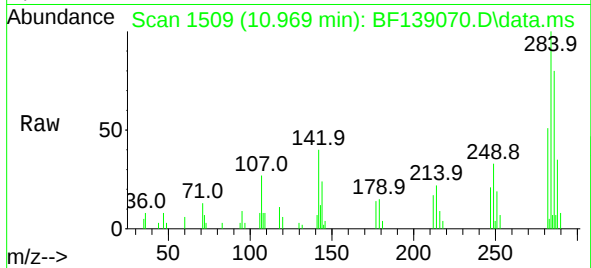




#68
Hexachlorobenzene
Concen: 3.843 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

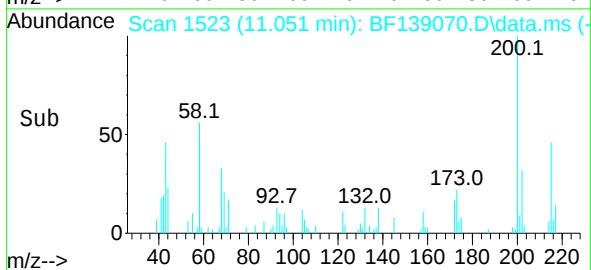
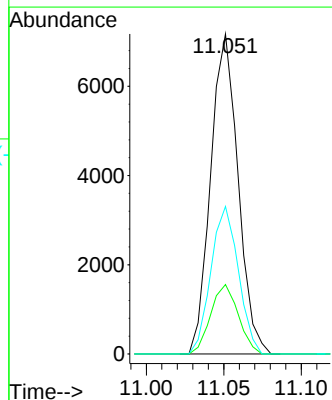
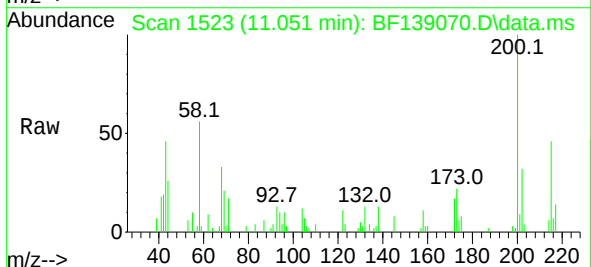
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

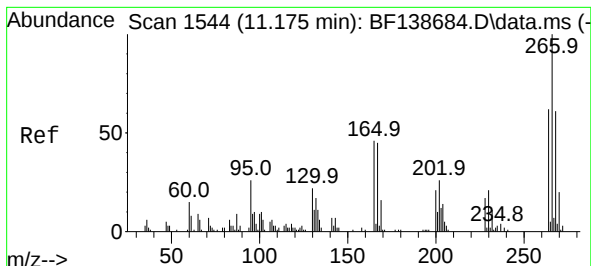
Tgt Ion:284 Resp: 8668
Ion Ratio Lower Upper
284 100
142 40.2 31.3 46.9
249 33.5 27.2 40.8



#69
Atrazine
Concen: 5.415 ng
RT: 11.051 min Scan# 1523
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion:200 Resp: 8812
Ion Ratio Lower Upper
200 100
173 21.7 6.0 46.0
215 46.1 26.1 66.1





#70

Pentachlorophenol

Concen: 0.321 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.017 min

Lab File: BF139070.D

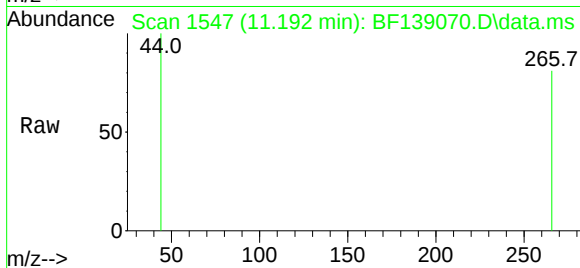
Acq: 19 Aug 2024 12:32

Instrument :

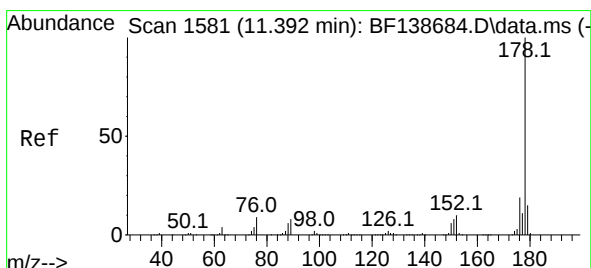
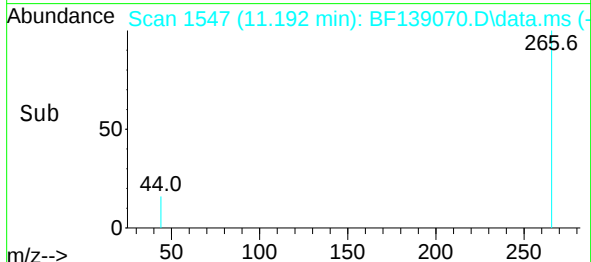
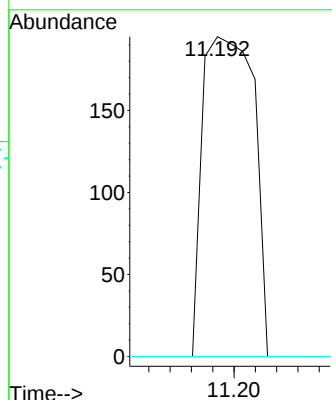
BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:	266	Resp:	326
Ion	Ratio	Lower	Upper
266	100		
268	0.0	49.2	73.8#
264	0.0	49.8	74.6#



#71

Phenanthrene

Concen: 4.144 ng

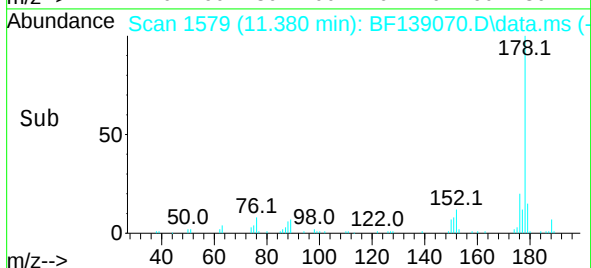
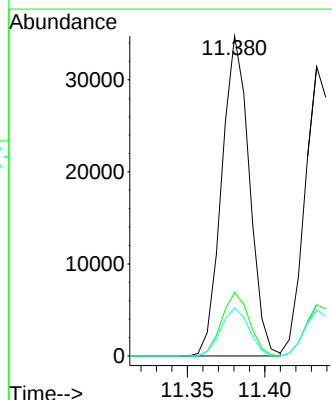
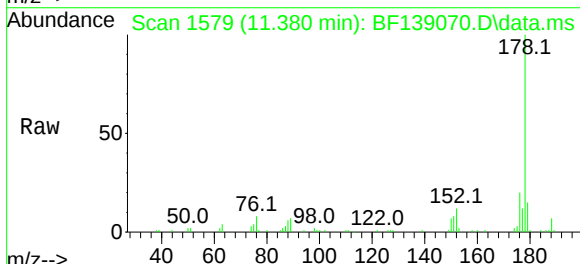
RT: 11.380 min Scan# 1579

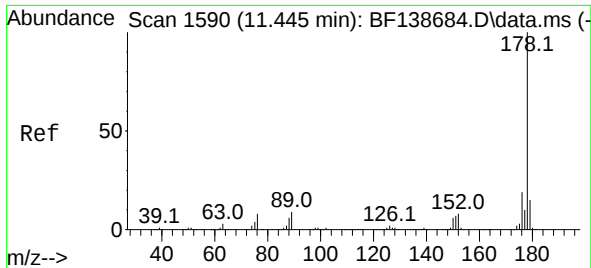
Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Tgt Ion:	178	Resp:	43058
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.0
179	15.1	12.2	18.2

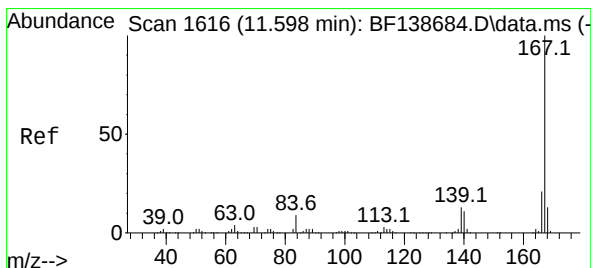
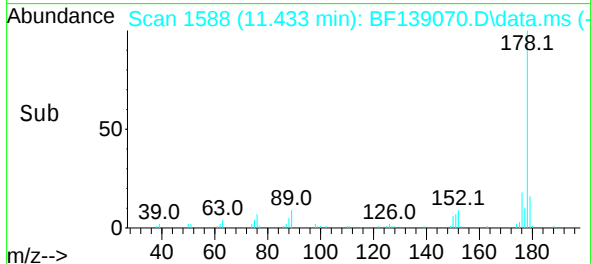
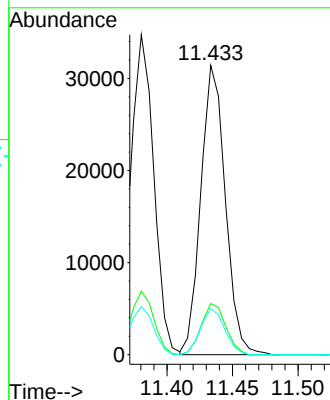
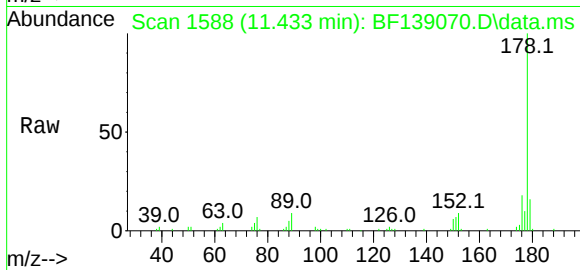




#72
Anthracene
Concen: 4.003 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

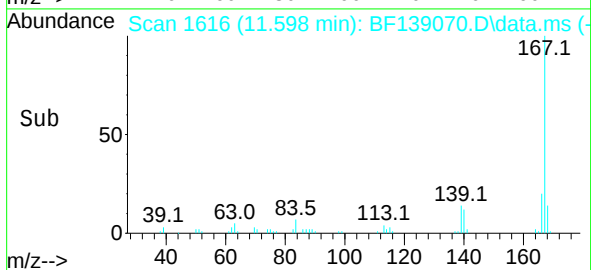
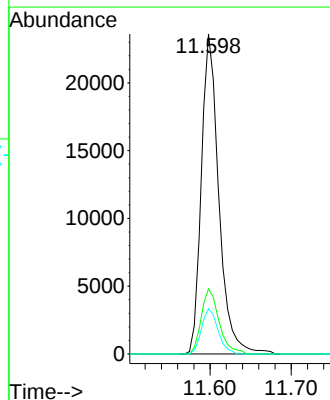
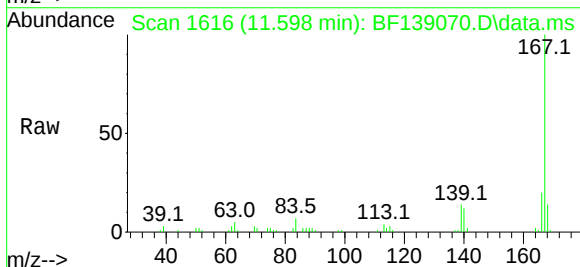
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

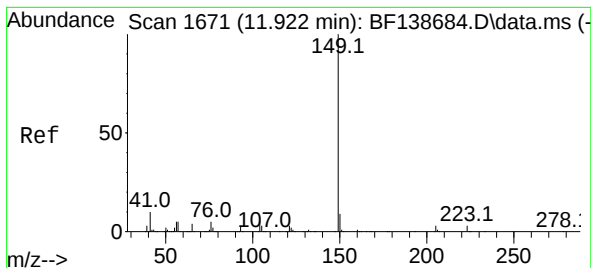
Tgt Ion:178 Resp: 40974
Ion Ratio Lower Upper
178 100
176 17.7 14.9 22.3
179 15.9 12.4 18.6



#73
Carbazole
Concen: 3.998 ng
RT: 11.598 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion:167 Resp: 35302
Ion Ratio Lower Upper
167 100
166 20.3 17.2 25.8
139 14.1 10.6 16.0





#74

Di-n-butylphthalate

Concen: 4.651 ng

RT: 11.910 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

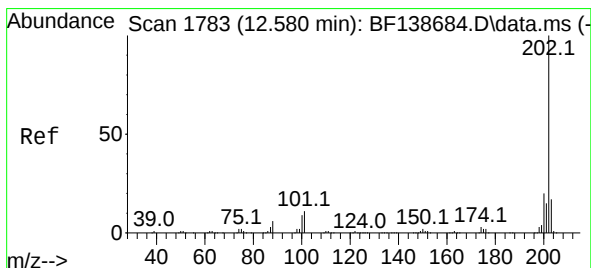
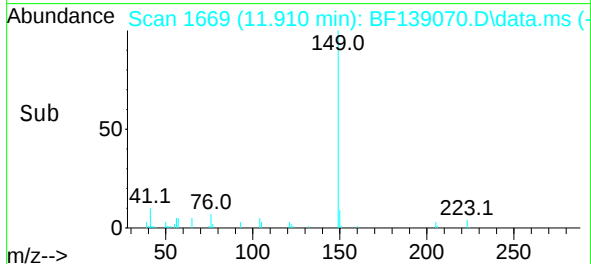
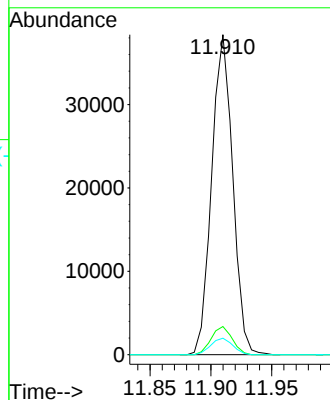
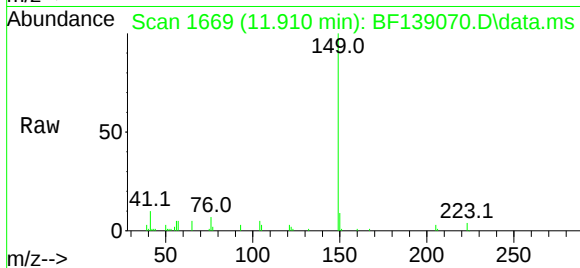
Tgt Ion:149 Resp: 46172

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

104 5.2 4.1 6.1



#75

Fluoranthene

Concen: 4.283 ng

RT: 12.574 min Scan# 1782

Delta R.T. -0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

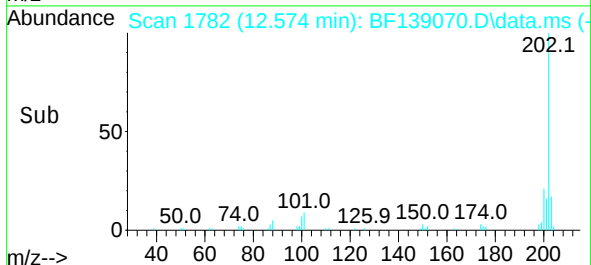
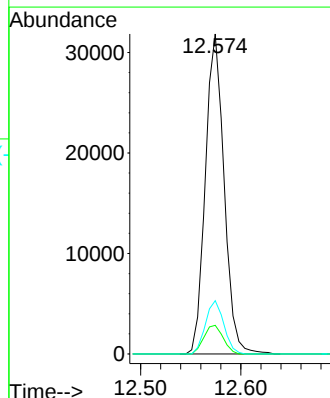
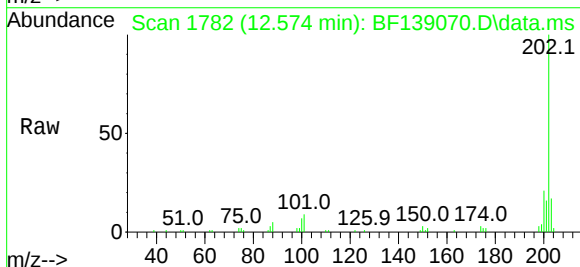
Tgt Ion:202 Resp: 41546

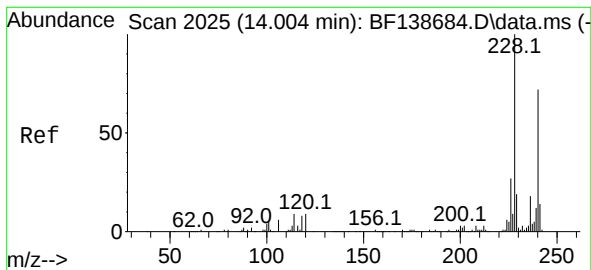
Ion Ratio Lower Upper

202 100

101 9.0 0.0 31.2

203 16.7 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

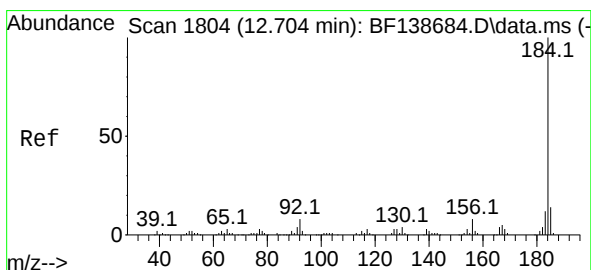
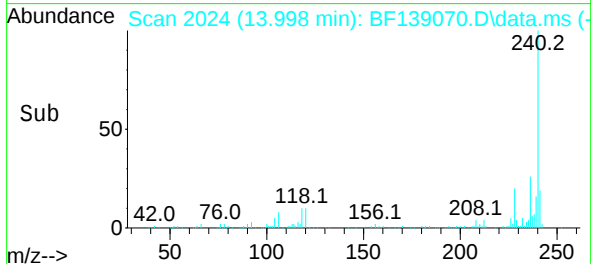
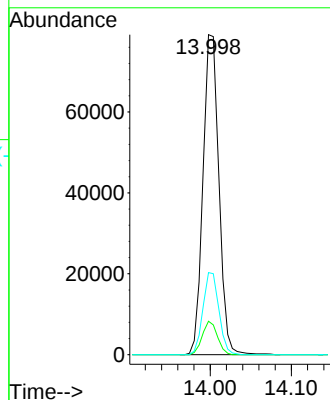
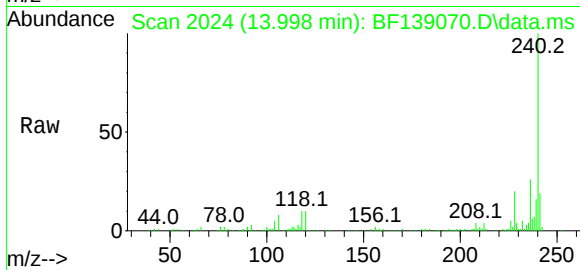
Tgt Ion:240 Resp: 107829

Ion Ratio Lower Upper

240 100

120 10.4 10.2 15.4

236 25.7 19.8 29.8



#77

Benzidine

Concen: 2.911 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

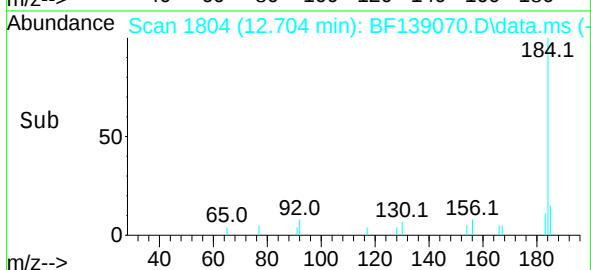
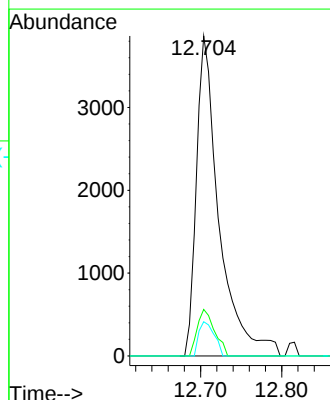
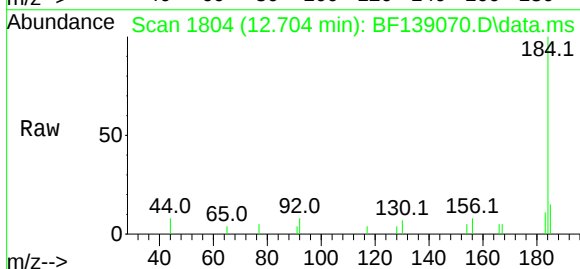
Tgt Ion:184 Resp: 7507

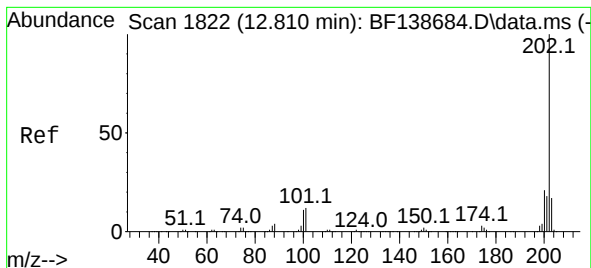
Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

183 10.7 9.6 14.4





#78

Pyrene

Concen: 4.222 ng

RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

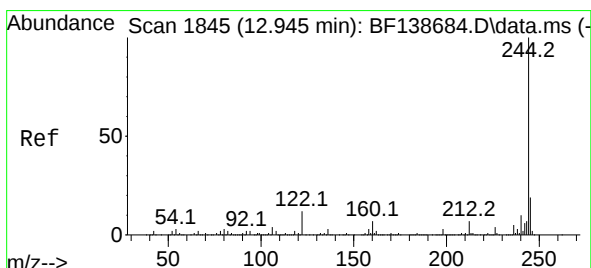
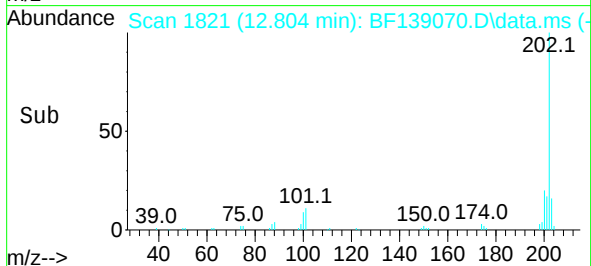
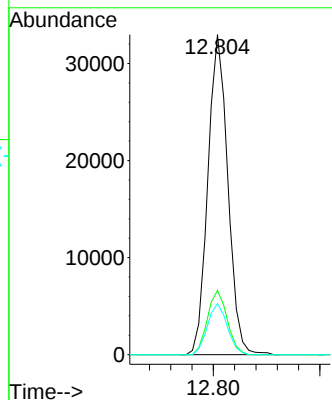
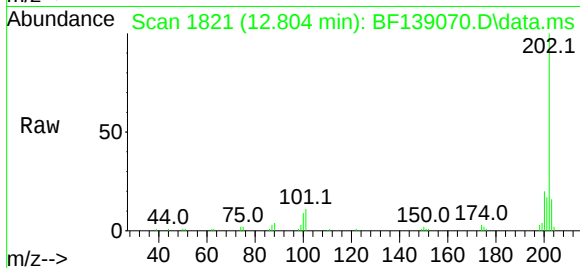
Tgt Ion:202 Resp: 42862

Ion Ratio Lower Upper

202 100

200 20.1 16.8 25.2

203 16.0 13.8 20.6



#79

Terphenyl-d14

Concen: 100.170 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

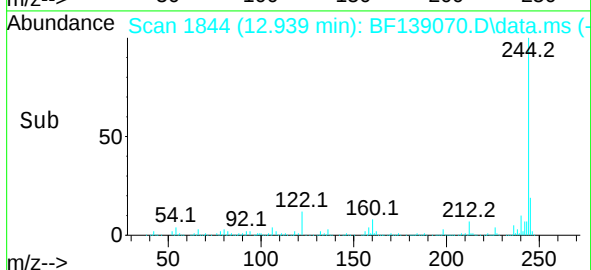
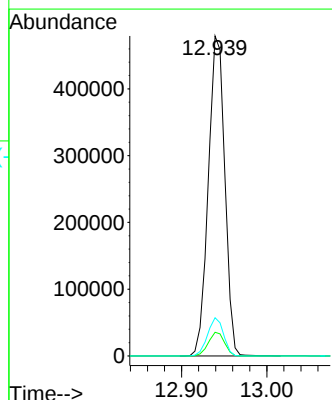
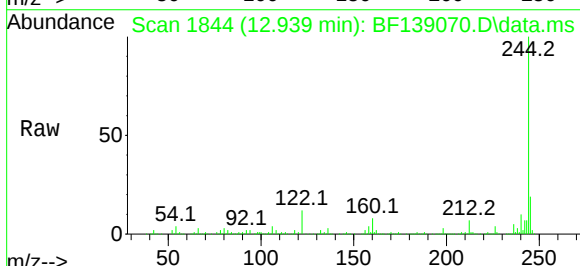
Tgt Ion:244 Resp: 645129

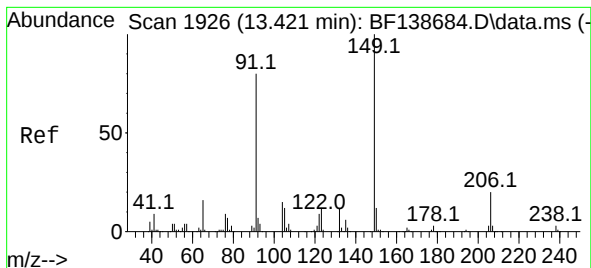
Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

122 11.9 9.6 14.4





#80

Butylbenzylphthalate

Concen: 4.884 ng

RT: 13.410 min Scan# 1926

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

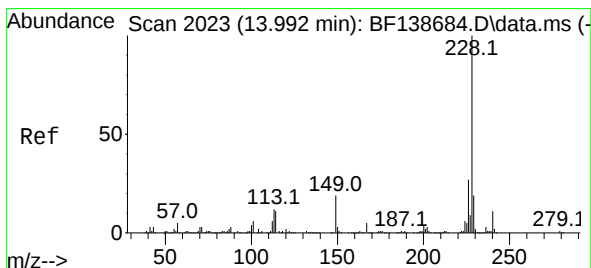
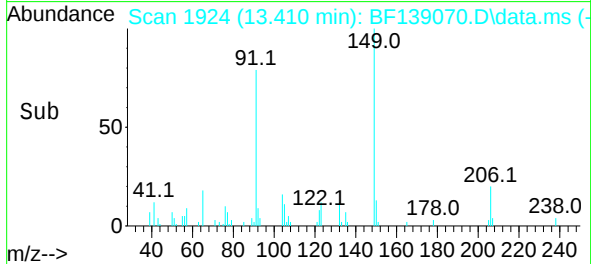
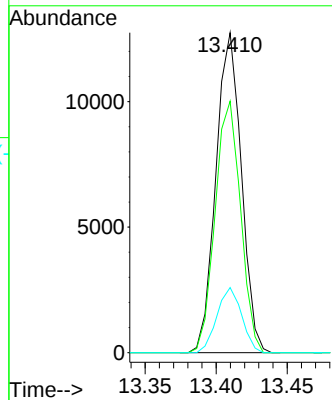
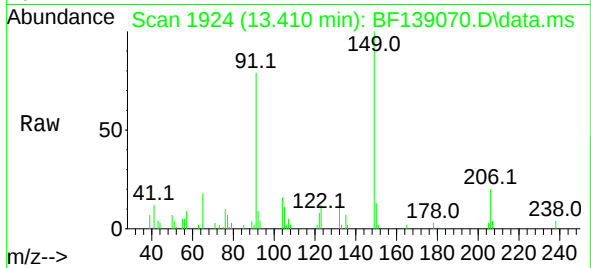
Tgt Ion:149 Resp: 15877

Ion Ratio Lower Upper

149 100

91 78.6 63.7 95.5

206 20.4 16.2 24.2



#81

Benzo(a)anthracene

Concen: 4.083 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

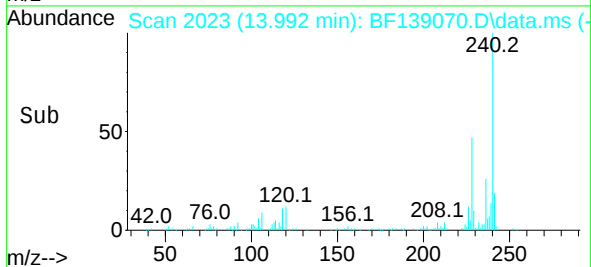
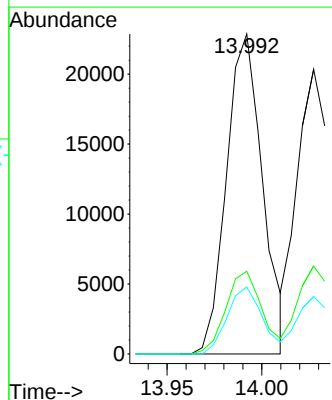
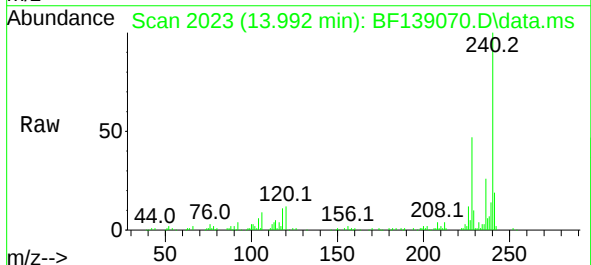
Tgt Ion:228 Resp: 30318

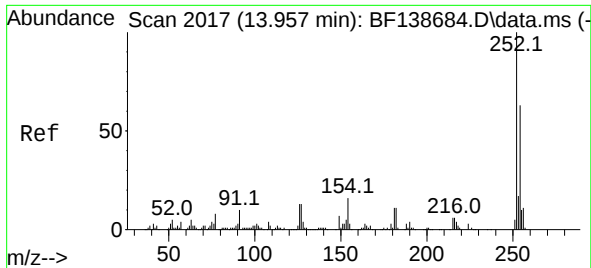
Ion Ratio Lower Upper

228 100

226 25.9 22.1 33.1

229 20.9 15.4 23.0

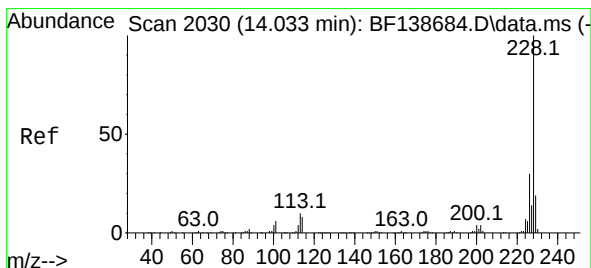
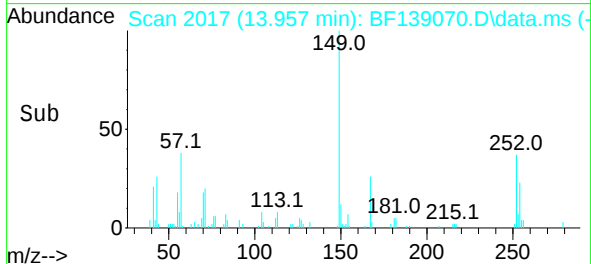
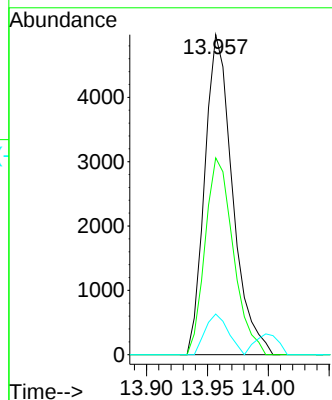
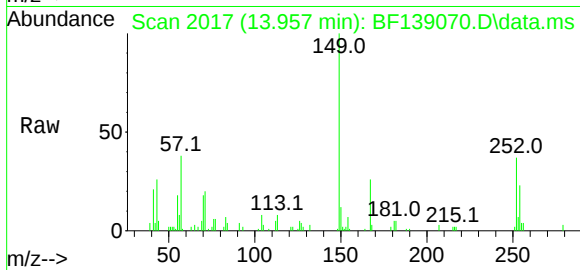




#82
 3,3'-Dichlorobenzidine
 Concen: 4.156 ng
 RT: 13.957 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: BF139070.D
 Acq: 19 Aug 2024 12:32

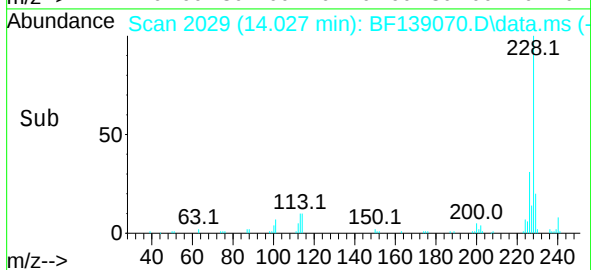
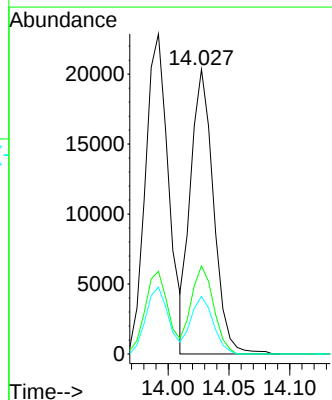
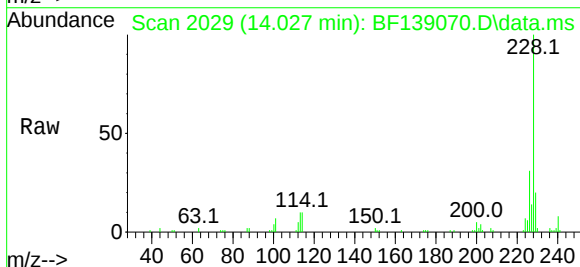
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2024

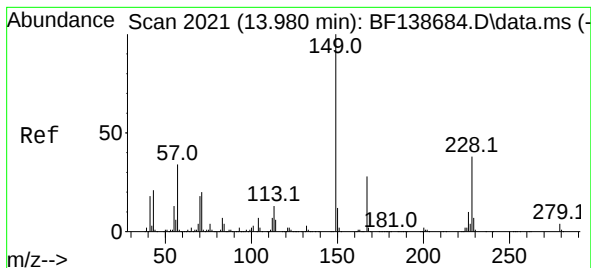
Tgt Ion:252	Resp:	7897
Ion Ratio	Lower	Upper
252	100	
254	61.5	50.8 76.2
126	12.7	10.2 15.2



#83
 Chrysene
 Concen: 3.983 ng
 RT: 14.027 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: BF139070.D
 Acq: 19 Aug 2024 12:32

Tgt Ion:228	Resp:	26682
Ion Ratio	Lower	Upper
228	100	
226	30.9	23.7 35.5
229	20.2	15.0 22.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.009 ng

RT: 13.963 min Scan# 2021

Delta R.T. -0.018 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

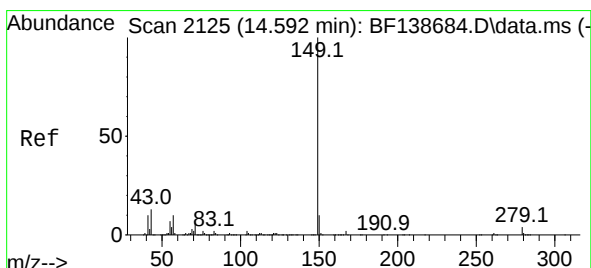
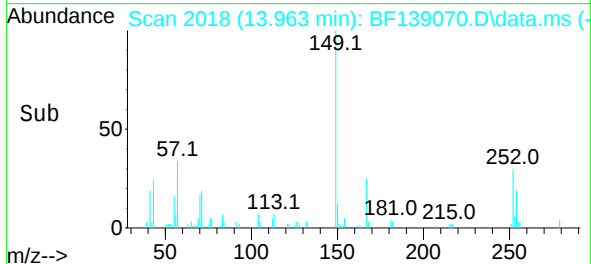
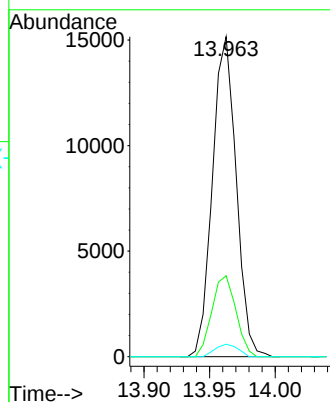
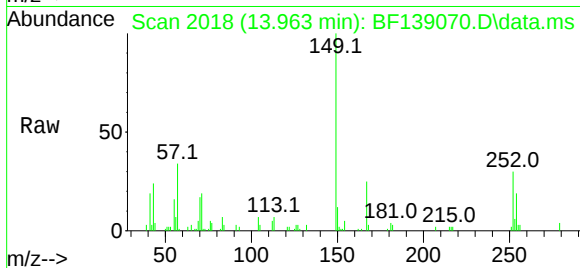
Tgt Ion:149 Resp: 19087

Ion Ratio Lower Upper

149 100

167 25.3 22.2 33.4

279 3.9 3.4 5.0



#85

Di-n-octyl phthalate

Concen: 2.806 ng

RT: 14.574 min Scan# 2122

Delta R.T. -0.018 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

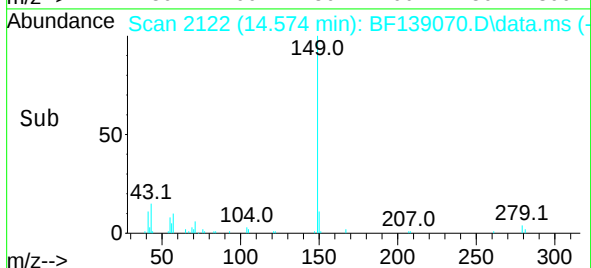
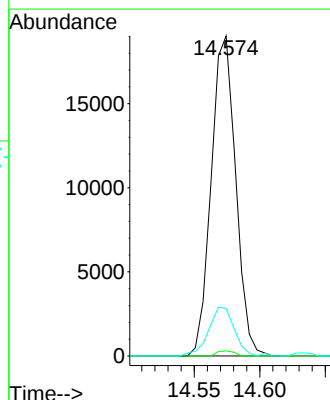
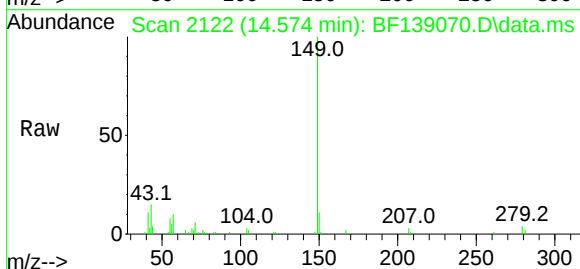
Tgt Ion:149 Resp: 24715

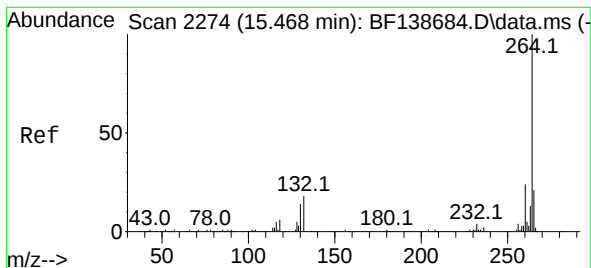
Ion Ratio Lower Upper

149 100

167 1.1 1.4 2.0#

43 16.2 10.4 15.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139070.D

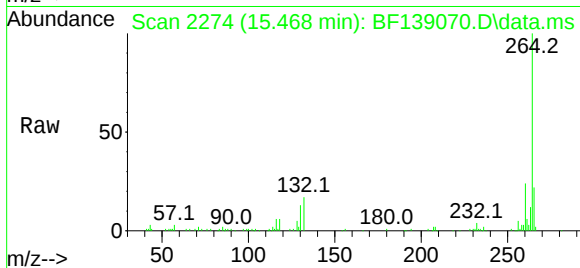
Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024



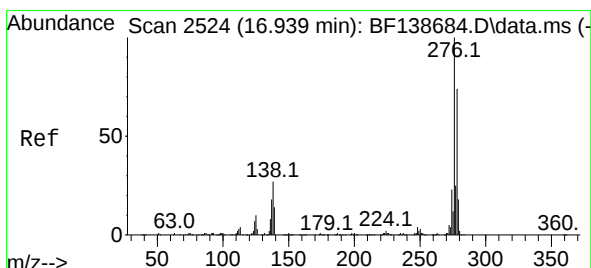
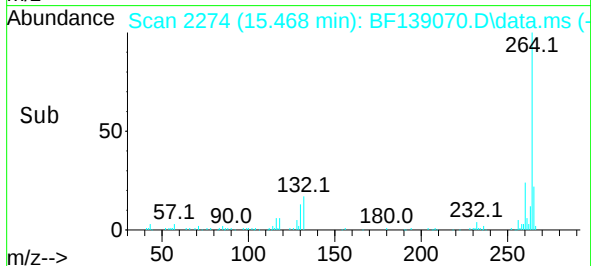
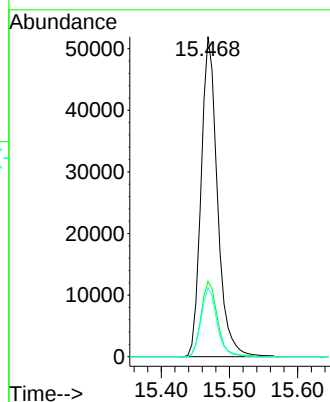
Tgt Ion:264 Resp: 86303

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.6 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.222 ng

RT: 16.962 min Scan# 2528

Delta R.T. 0.024 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

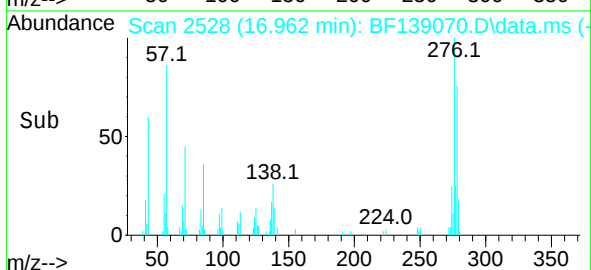
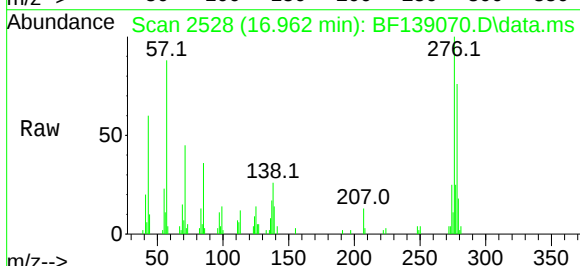
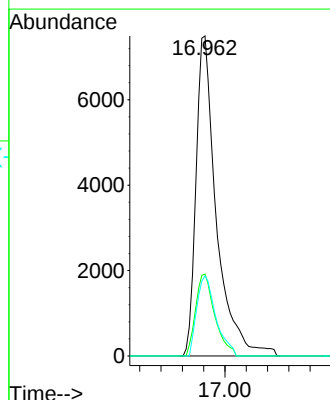
Tgt Ion:276 Resp: 19928

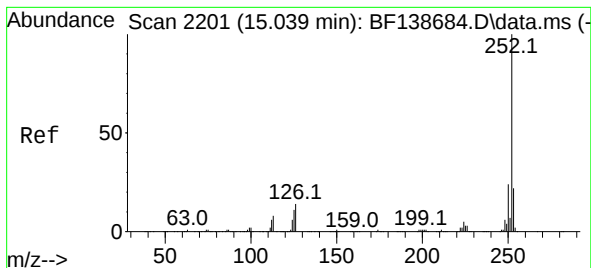
Ion Ratio Lower Upper

276 100

138 24.0 21.8 32.8

277 23.2 20.6 30.8





#88

Benzo(b)fluoranthene

Concen: 3.896 ng

RT: 15.045 min Scan# 2201

Delta R.T. 0.006 min

Lab File: BF139070.D

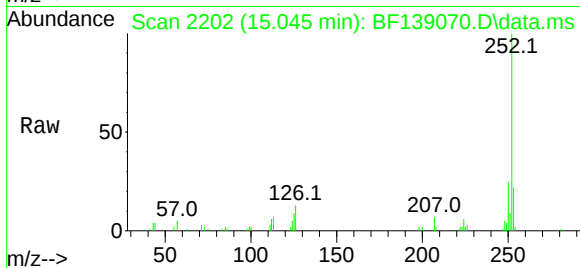
Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024



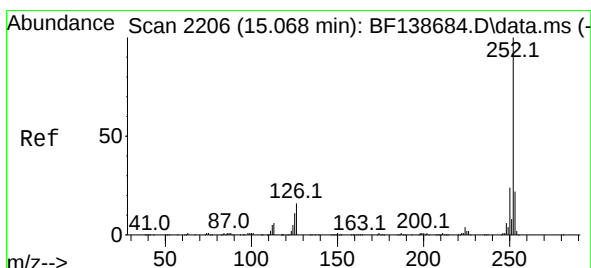
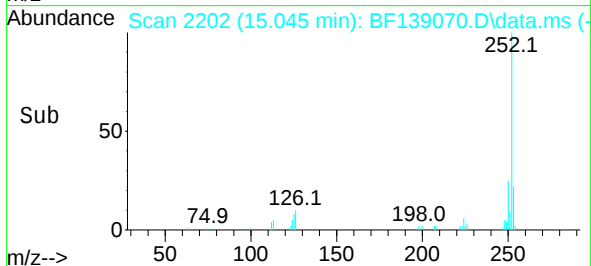
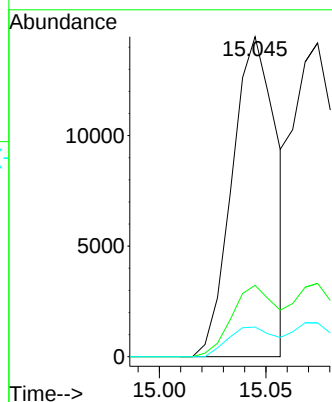
Tgt Ion:252 Resp: 20846

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.3 8.9 13.3



#89

Benzo(k)fluoranthene

Concen: 4.862 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

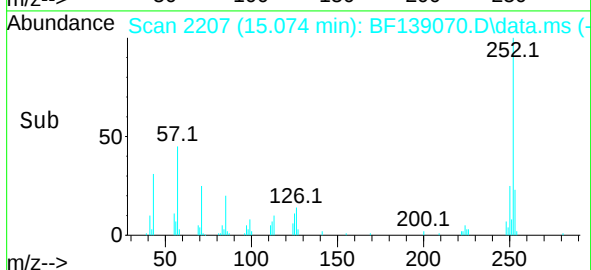
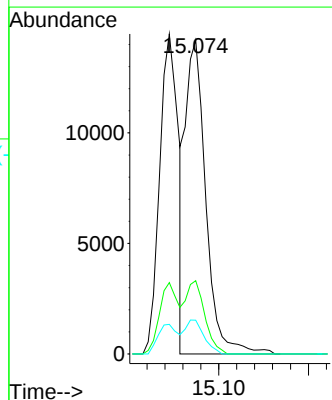
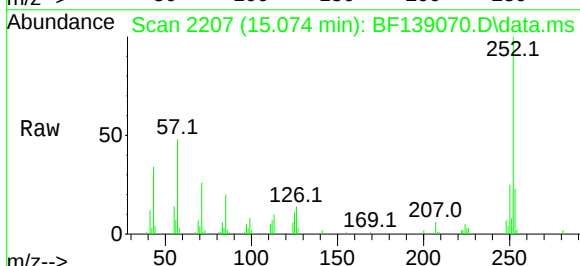
Tgt Ion:252 Resp: 22520

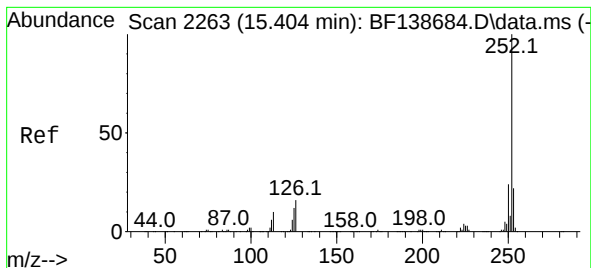
Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

125 10.7 8.6 13.0





#90

Benzo(a)pyrene

Concen: 4.258 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

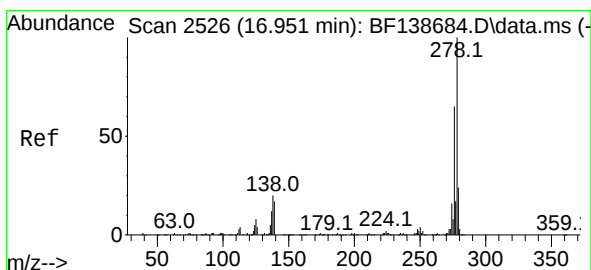
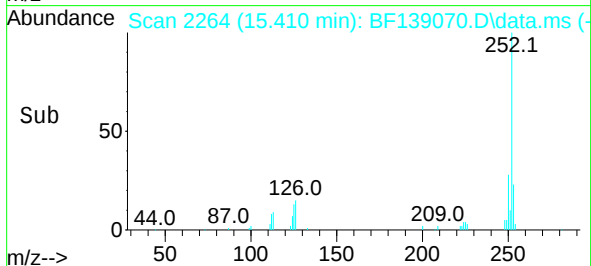
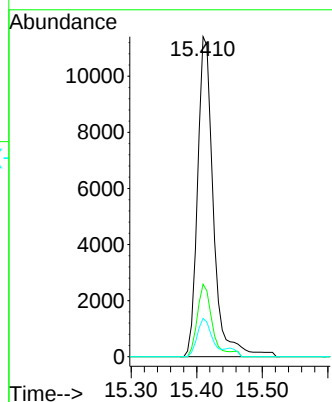
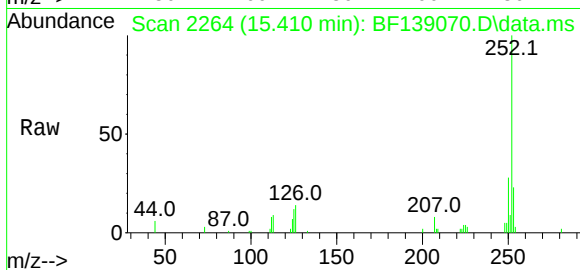
Tgt Ion:252 Resp: 19162

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 12.0 9.5 14.3



#91

Dibenzo(a,h)anthracene

Concen: 3.203 ng

RT: 16.962 min Scan# 2528

Delta R.T. 0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

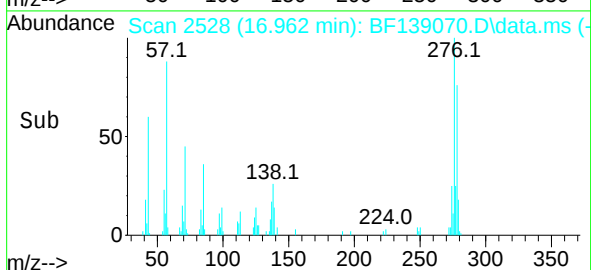
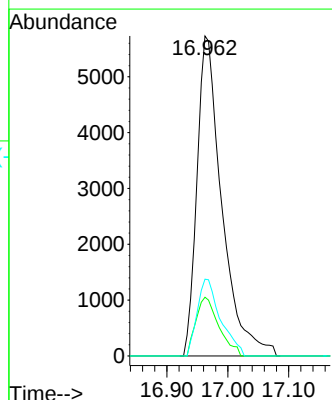
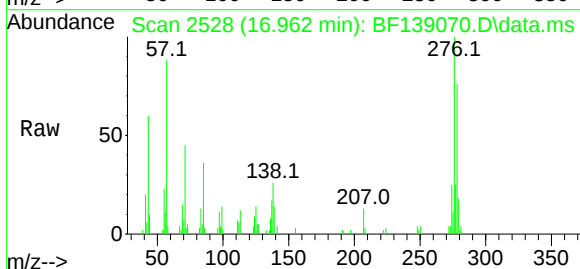
Tgt Ion:278 Resp: 16262

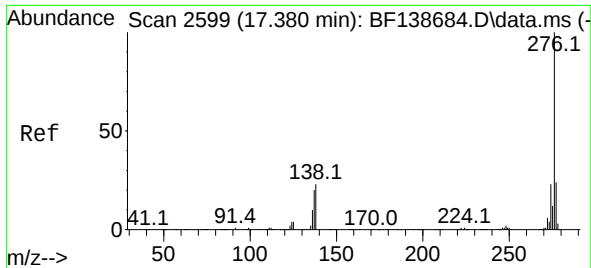
Ion Ratio Lower Upper

278 100

139 18.4 14.0 21.0

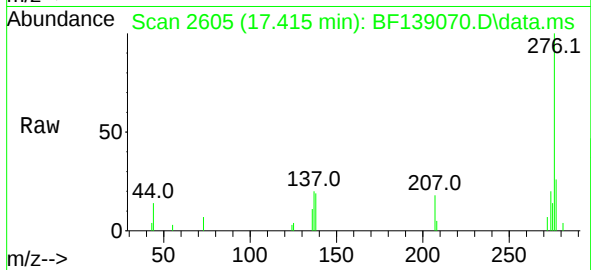
279 24.0 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 2.950 ng
 RT: 17.415 min Scan# 20
 Delta R.T. 0.035 min
 Lab File: BF139070.D
 Acq: 19 Aug 2024 12:32

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



Tgt Ion:	276	Resp:	15542
Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.0	28.4
138	19.4	18.5	27.7

