

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
 Data File : BF139061.D
 Acq On : 16 Aug 2024 17:04
 Operator : RC/JU
 Sample : P3390-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Quant Time: Aug 16 17:26:10 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	46938	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	190417	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	120527	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	214763	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	110721	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	92849	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	349469	114.930	ng	0.00
7) Phenol-d6	6.481	99	476266	116.661	ng	0.00
23) Nitrobenzene-d5	7.404	82	360423	92.542	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	120579	122.133	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	720843	89.861	ng	-0.02
79) Terphenyl-d14	12.939	244	713520	107.895	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	6761	5.079	ng	# 94
3) Pyridine	3.451	79	12628	3.916	ng	# 90
4) n-Nitrosodimethylamine	3.328	42	10732	5.588	ng	# 75
6) Aniline	6.504	93	21764	5.978	ng	# 75
8) 2-Chlorophenol	6.628	128	17617	5.507	ng	96
9) Benzaldehyde	6.398	77	15430	6.305	ng	94
10) Phenol	6.498	94	22669	5.274	ng	# 54
11) bis(2-Chloroethyl)ether	6.575	93	16537	5.000	ng	99
12) 1,3-Dichlorobenzene	6.775	146	17912	5.002	ng	97
13) 1,4-Dichlorobenzene	6.851	146	18289	5.061	ng	97
14) 1,2-Dichlorobenzene	7.004	146	17609	5.214	ng	97
15) Benzyl Alcohol	6.992	79	17692	6.013	ng	# 77
16) 2,2'-oxybis(1-Chloropr...	7.104	45	29195	5.129	ng	52
17) 2-Methylphenol	7.104	107	14114	5.343	ng	# 78
18) Hexachloroethane	7.339	117	6725	4.943	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	13224	5.363	ng	90
20) 3+4-Methylphenols	7.269	107	17714	5.226	ng	# 52
22) Acetophenone	7.245	105	25622	5.496	ng	95
24) Nitrobenzene	7.422	77	20645	5.209	ng	99
25) Isophorone	7.657	82	36305	5.459	ng	# 98
26) 2-Nitrophenol	7.745	139	8787	5.153	ng	96
27) 2,4-Dimethylphenol	7.787	122	9408	4.612	ng	96
28) bis(2-Chloroethoxy)met...	7.863	93	20023	4.944	ng	99
29) 2,4-Dichlorophenol	8.004	162	13519	5.157	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	14872	4.916	ng	97
31) Naphthalene	8.139	128	51863	5.174	ng	99
32) Benzoic acid	7.951	122	1287	0.803	ng	87
33) 4-Chloroaniline	8.198	127	19270	5.727	ng	97
34) Hexachlorobutadiene	8.245	225	9248	5.047	ng	99
35) Caprolactam	8.539	113	4030	5.152	ng	# 86
36) 4-Chloro-3-methylphenol	8.686	107	16165	5.396	ng	97
37) 2-Methylnaphthalene	8.828	142	34375	5.430	ng	98
38) 1-Methylnaphthalene	8.928	142	32274	5.203	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	16820	5.024	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	9402	4.606	ng	97
44) 2,4,5-Trichlorophenol	9.175	196	10338	4.632	ng	# 88

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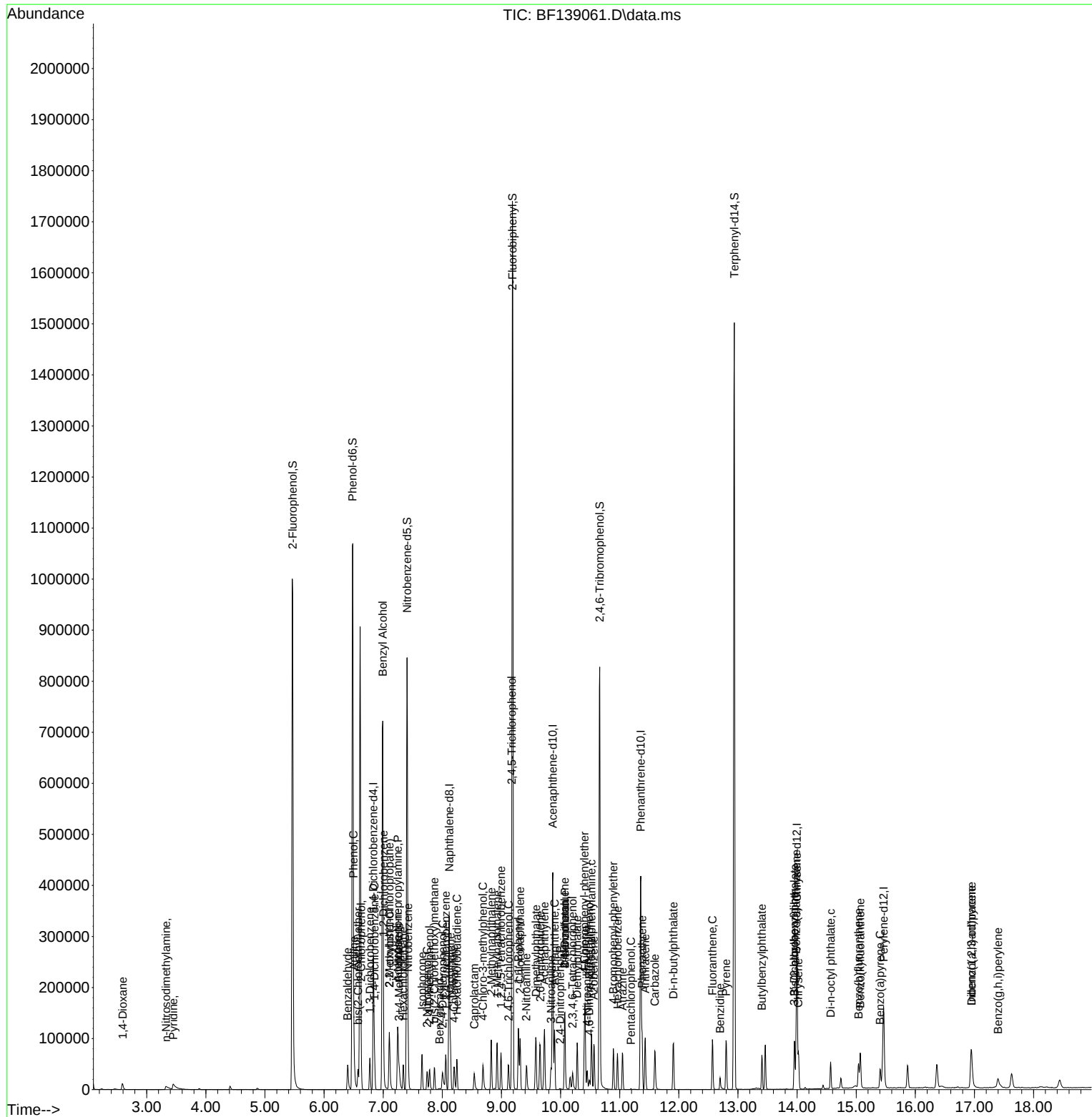
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.286	154	49921	5.289	ng	99
47) 2-Chloronaphthalene	9.316	162	35766	5.095	ng	99
48) 2-Nitroaniline	9.422	65	12453	5.232	ng	94
49) Acenaphthylene	9.728	152	55458	5.570	ng	98
50) Dimethylphthalate	9.586	163	42920	5.569	ng	100
51) 2,6-Dinitrotoluene	9.657	165	8998	5.173	ng	# 77
52) Acenaphthene	9.898	154	34519	5.157	ng	99
53) 3-Nitroaniline	9.839	138	8735	4.858	ng	# 96
54) 2,4-Dinitrophenol	9.992	184	1005	1.255	ng	97
55) Dibenzofuran	10.075	168	52070	5.511	ng	97
56) 4-Nitrophenol	10.075	139	24555	22.710	ng	# 7
57) 2,4-Dinitrotoluene	10.069	165	12383	5.580	ng	# 75
58) Fluorene	10.416	166	41714	5.544	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	7340	4.302	ng	# 92
60) Diethylphthalate	10.280	149	42202	5.775	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	20049	5.418	ng	92
62) 4-Nitroaniline	10.451	138	7314	4.281	ng	# 79
63) Azobenzene	10.563	77	44576	5.500	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	4266	3.256	ng	81
66) n-Nitrosodiphenylamine	10.522	169	34861	5.193	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	11924	5.128	ng	94
68) Hexachlorobenzene	10.963	284	11924	4.967	ng	98
69) Atrazine	11.051	200	11781	6.802	ng	97
70) Pentachlorophenol	11.192	266	728	0.673	ng	# 87
71) Phenanthrene	11.380	178	60243	5.448	ng	99
72) Anthracene	11.433	178	57141	5.245	ng	99
73) Carbazole	11.592	167	47674	5.072	ng	98
74) Di-n-butylphthalate	11.910	149	63261	5.987	ng	99
75) Fluoranthene	12.569	202	56635	5.486	ng	97
77) Benzidine	12.698	184	16409	6.196	ng	96
78) Pyrene	12.798	202	58575	5.619	ng	99
80) Butylbenzylphthalate	13.404	149	19937	5.972	ng	99
81) Benzo(a)anthracene	13.986	228	39857	5.228	ng	98
82) 3,3'-Dichlorobenzidine	13.951	252	11206	5.743	ng	100
83) Chrysene	14.021	228	36839	5.355	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	22814	4.667	ng	96
85) Di-n-octyl phthalate	14.568	149	30453	3.367	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.951	276	28867	4.338	ng	94
88) Benzo(b)fluoranthene	15.039	252	28110	4.884	ng	98
89) Benzo(k)fluoranthene	15.068	252	24846	4.986	ng	98
90) Benzo(a)pyrene	15.404	252	25212	5.208	ng	97
91) Dibenzo(a,h)anthracene	16.951	278	22729	4.161	ng	98
92) Benzo(g,h,i)perylene	17.398	276	22179	3.913	ng	98

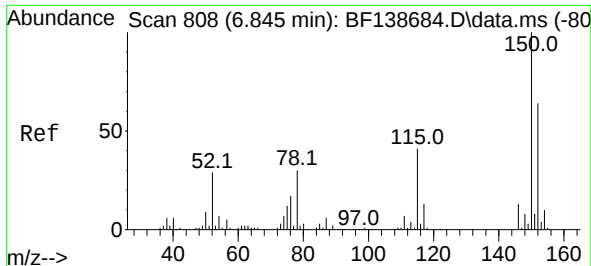
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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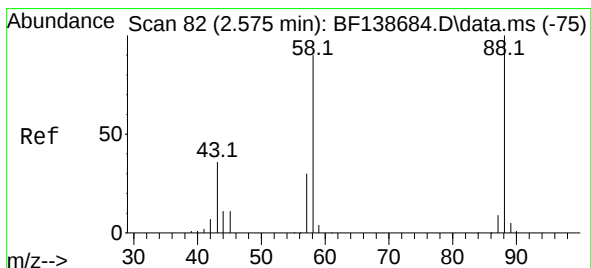
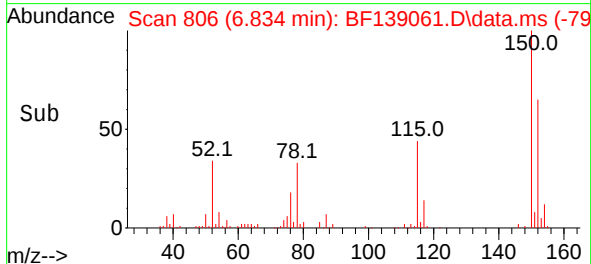
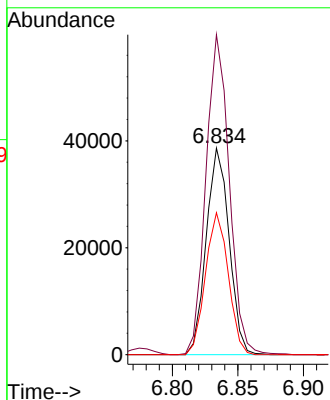
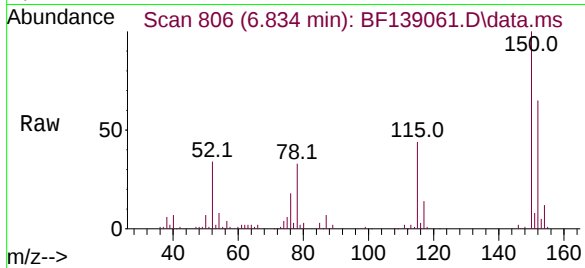




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

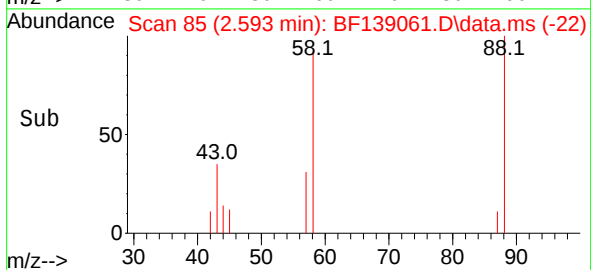
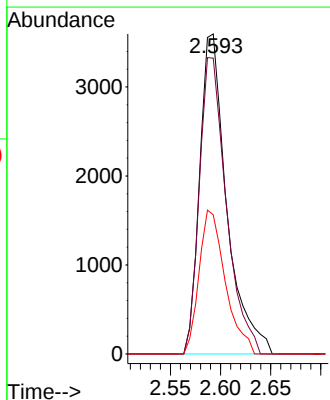
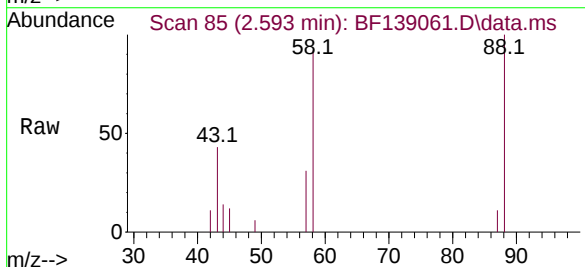
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

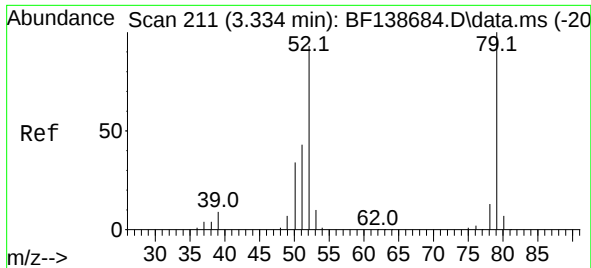
Tgt Ion:152 Resp: 46938
Ion Ratio Lower Upper
152 100
150 154.9 126.0 189.0
115 68.7 51.7 77.5



#2
1,4-Dioxane
Concen: 5.079 ng
RT: 2.593 min Scan# 85
Delta R.T. 0.018 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion: 88 Resp: 6761
Ion Ratio Lower Upper
88 100
58 92.1 71.6 107.4
43 43.6 28.7 43.1#





#3

Pyridine

Concen: 3.916 ng

RT: 3.451 min Scan# 210

Delta R.T. 0.118 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

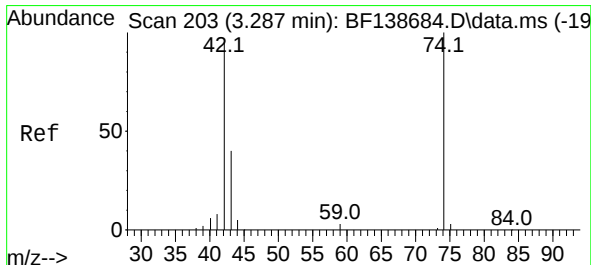
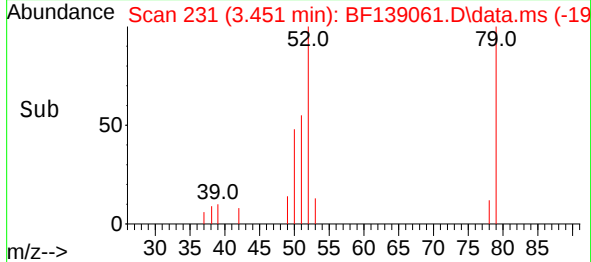
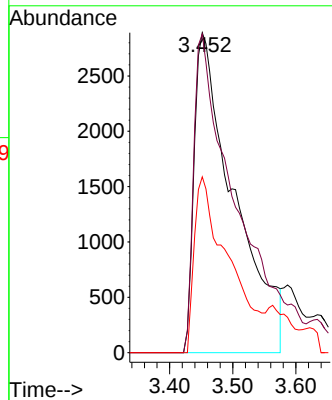
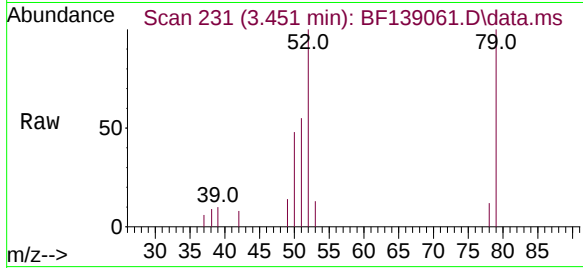
Tgt Ion: 79 Resp: 12628

Ion Ratio Lower Upper

79 100

52 99.6 74.7 112.1

51 55.0 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 5.588 ng

RT: 3.328 min Scan# 210

Delta R.T. 0.041 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

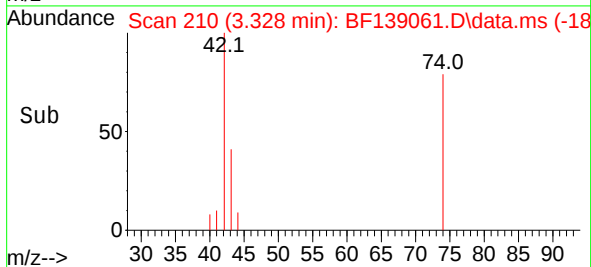
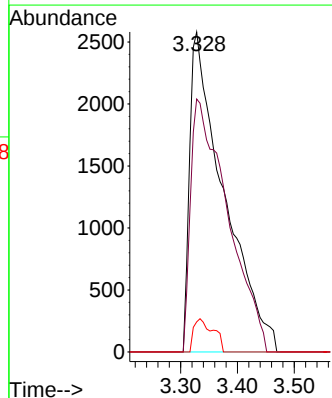
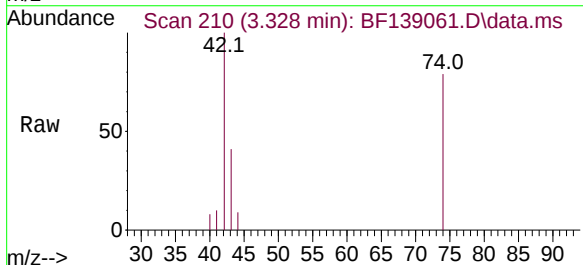
Tgt Ion: 42 Resp: 10732

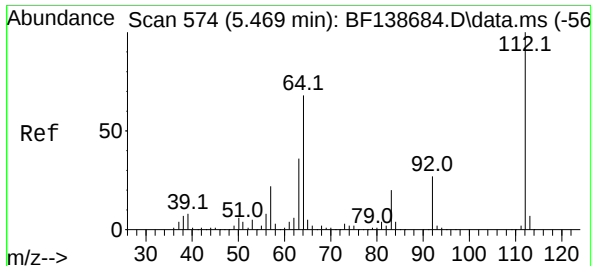
Ion Ratio Lower Upper

42 100

74 79.1 84.2 126.4#

44 9.4 4.9 7.3#

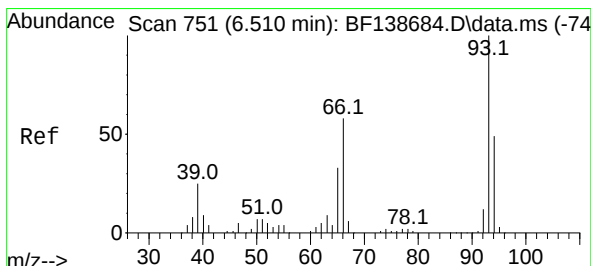
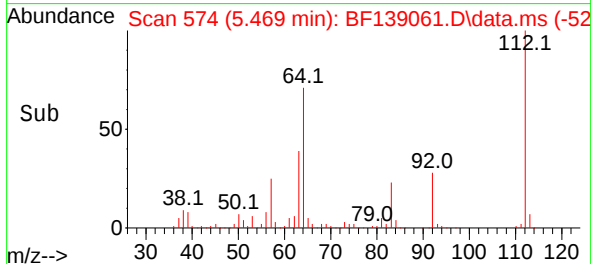
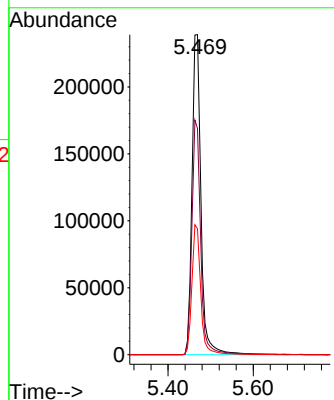
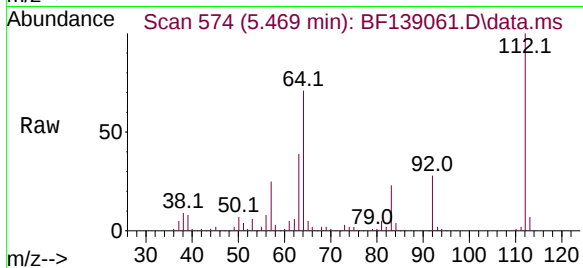




#5
2-Fluorophenol
Concen: 114.930 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

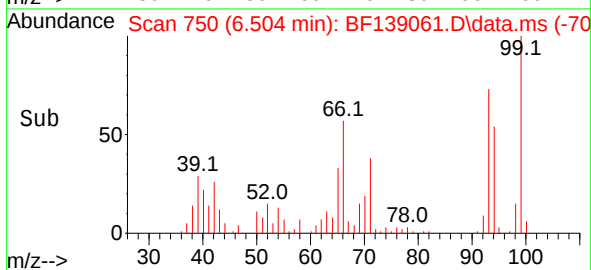
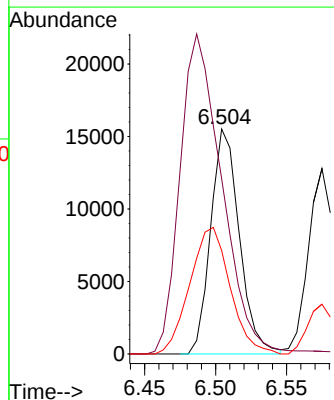
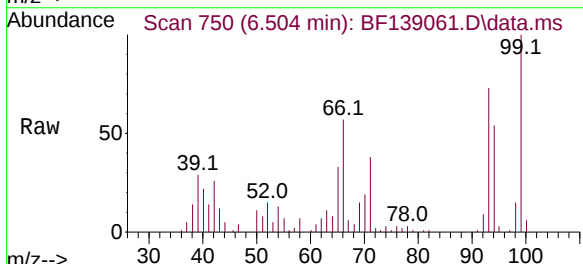
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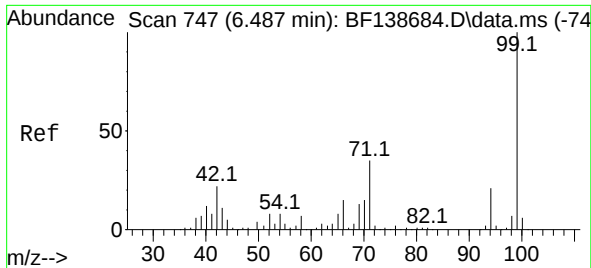
Tgt Ion:112 Resp: 349469
Ion Ratio Lower Upper
112 100
64 70.7 54.2 81.4
63 39.4 28.7 43.1



#6
Aniline
Concen: 5.978 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion: 93 Resp: 21764
Ion Ratio Lower Upper
93 100
66 78.0 46.9 70.3#
65 46.0 26.5 39.7#

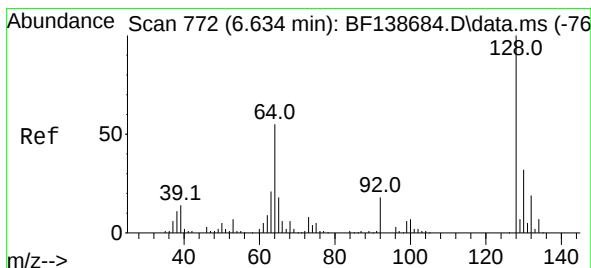
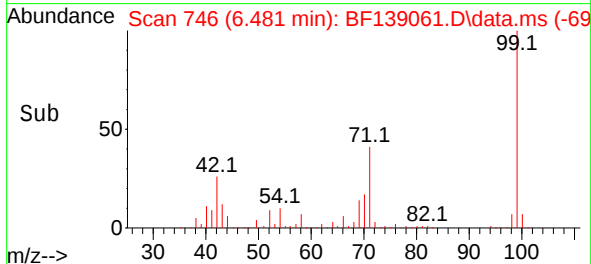
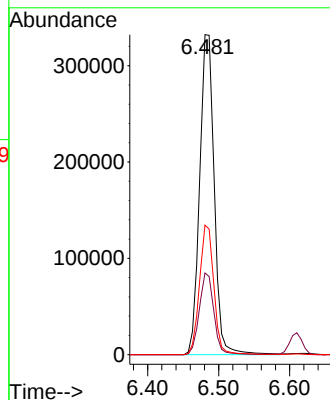
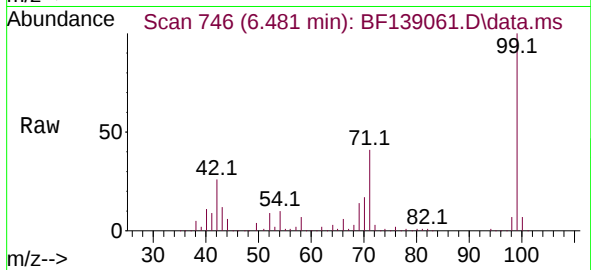




#7
Phenol-d6
Concen: 116.661 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

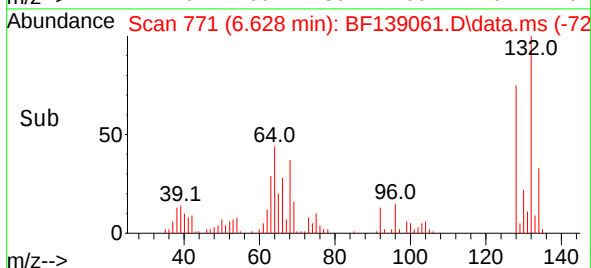
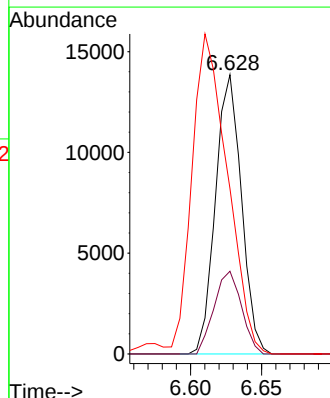
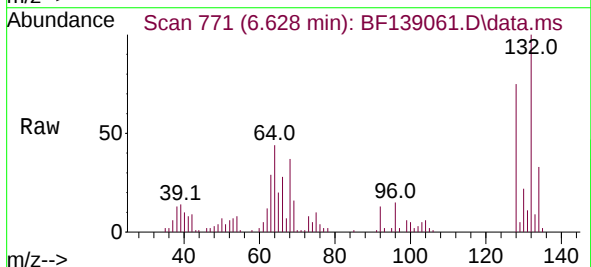
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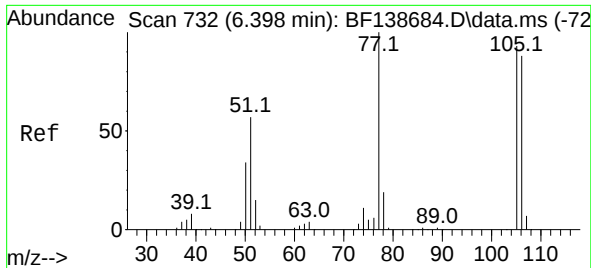
Tgt Ion: 99 Resp: 476266
Ion Ratio Lower Upper
99 100
42 25.5 17.4 26.0
71 40.5 28.1 42.1



#8
2-Chlorophenol
Concen: 5.507 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion:128 Resp: 17617
Ion Ratio Lower Upper
128 100
130 29.6 12.0 52.0
64 59.3 36.3 76.3





#9

Benzaldehyde

Concen: 6.305 ng

RT: 6.398 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

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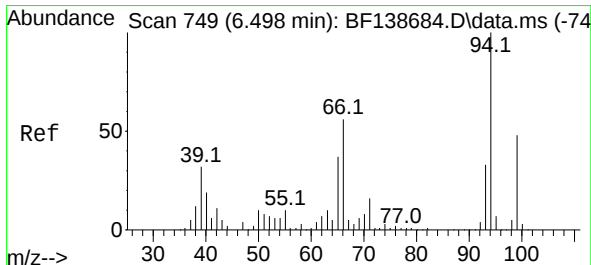
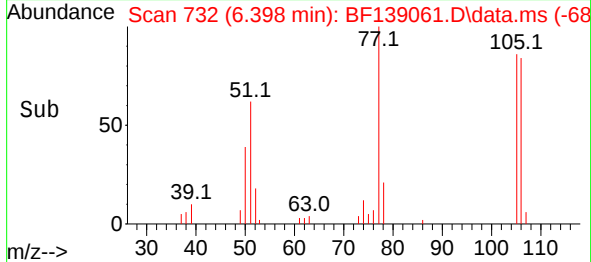
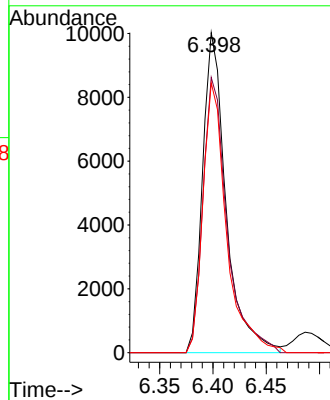
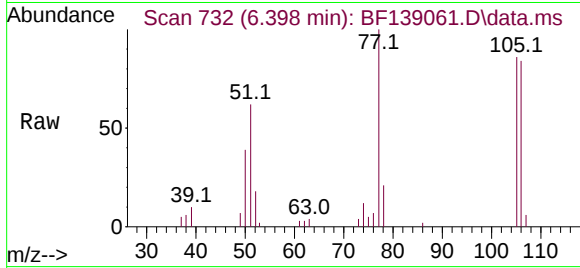
Tgt Ion: 77 Resp: 15430

Ion Ratio Lower Upper

77 100

105 86.0 72.9 112.9

106 84.3 68.4 108.4



#10

Phenol

Concen: 5.274 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.000 min

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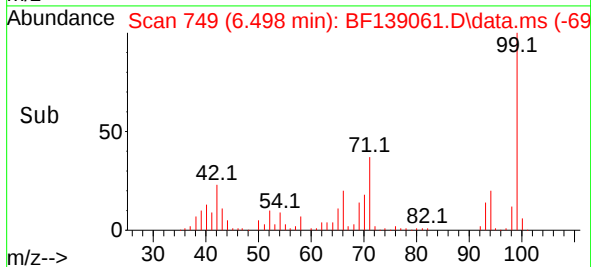
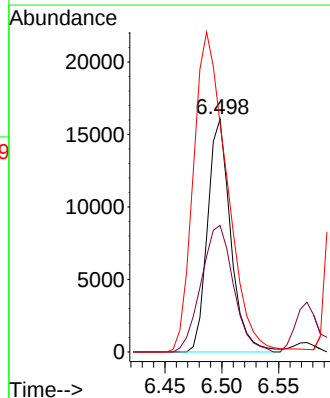
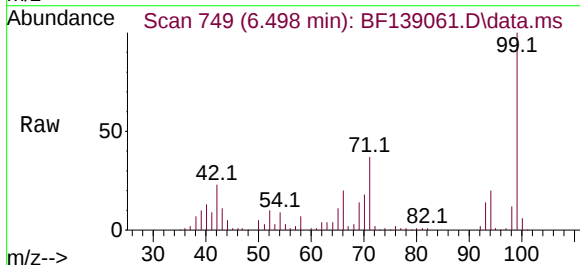
Tgt Ion: 94 Resp: 22669

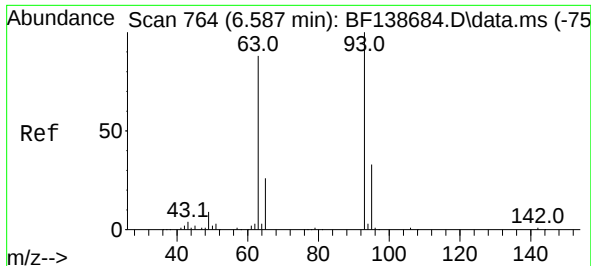
Ion Ratio Lower Upper

94 100

65 54.3 16.9 56.9

66 98.1 36.5 76.5#

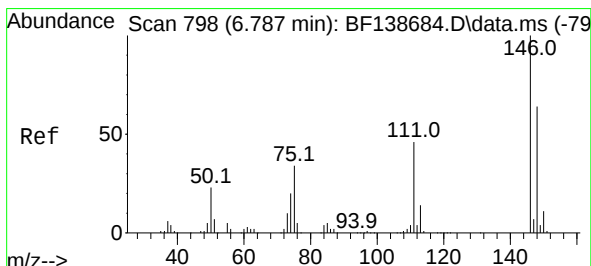
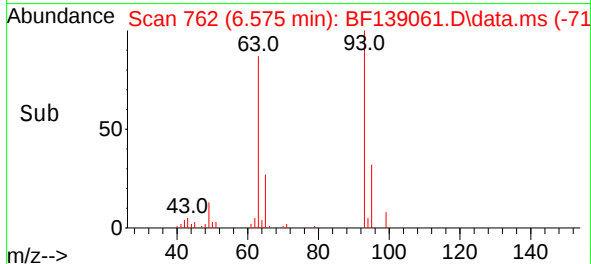
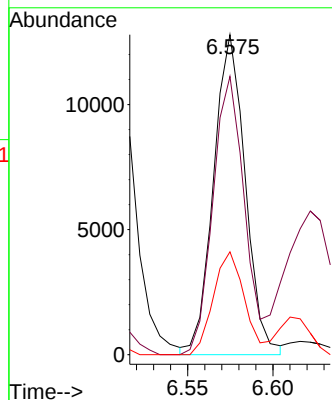
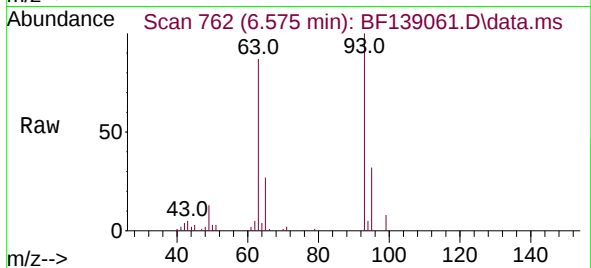




#11
bis(2-Chloroethyl)ether
Concen: 5.000 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

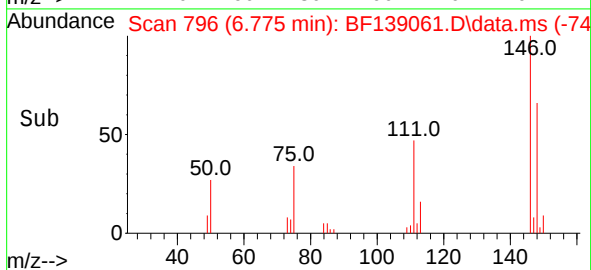
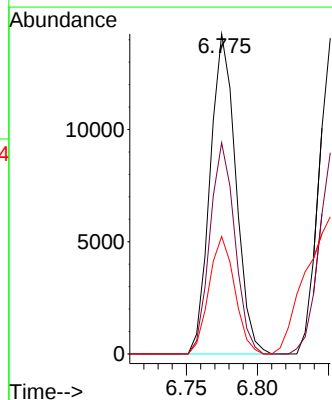
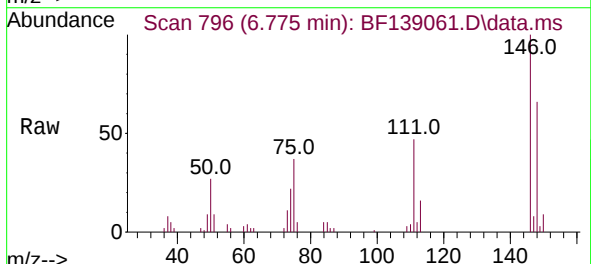
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion: 93 Resp: 16537
Ion Ratio Lower Upper
93 100
63 86.9 65.3 105.3
95 32.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 5.002 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion:146 Resp: 17912
Ion Ratio Lower Upper
146 100
148 66.0 51.2 76.8
75 36.7 27.4 41.2

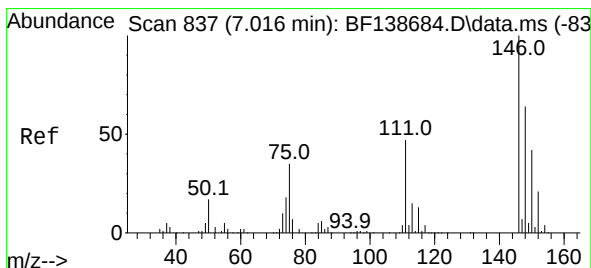
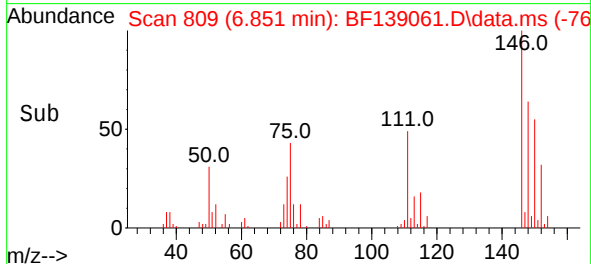
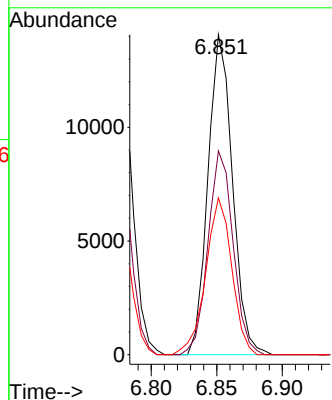
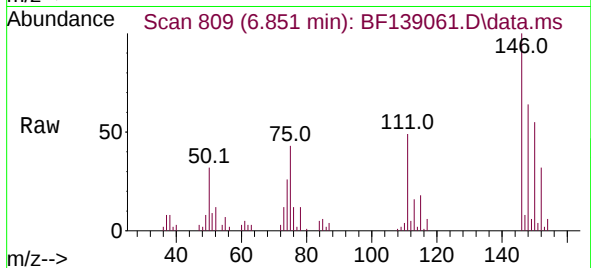




#13
1,4-Dichlorobenzene
Concen: 5.061 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

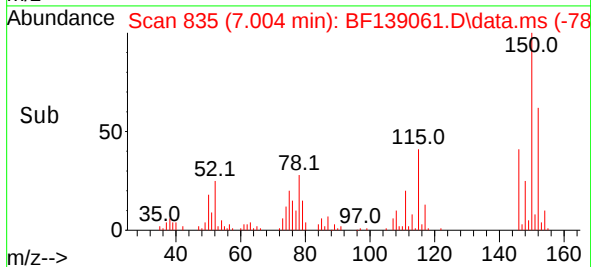
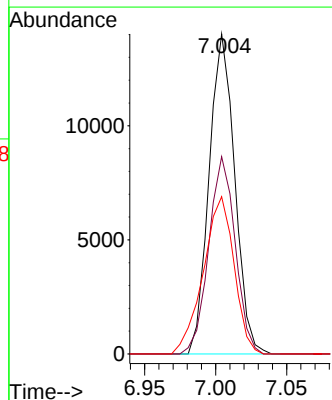
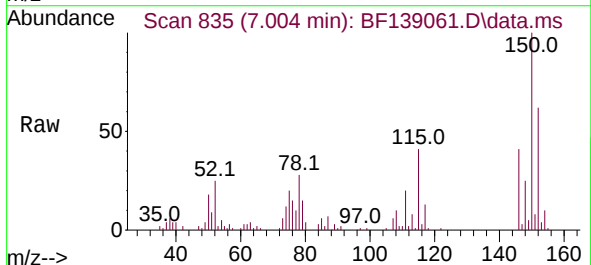
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

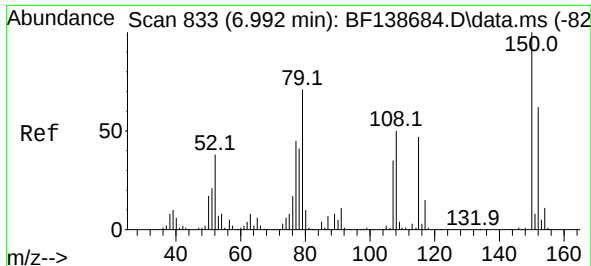
Tgt Ion:146 Resp: 18289
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.2
111 49.0 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 5.214 ng
RT: 7.004 min Scan# 835
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion:146 Resp: 17609
Ion Ratio Lower Upper
146 100
148 61.7 50.8 76.2
111 49.2 37.4 56.2

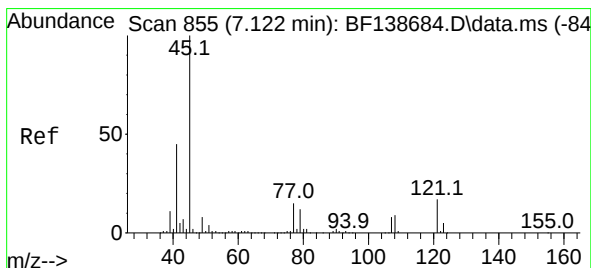
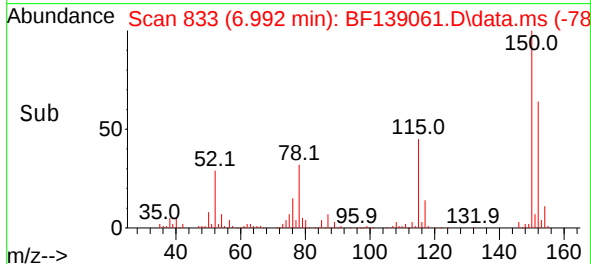
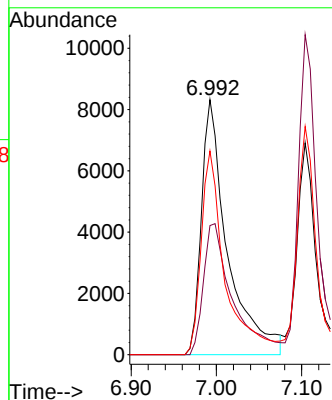
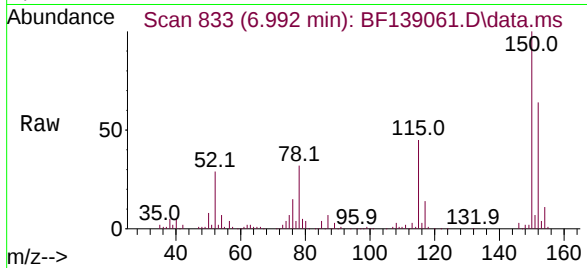




#15
Benzyl Alcohol
Concen: 6.013 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

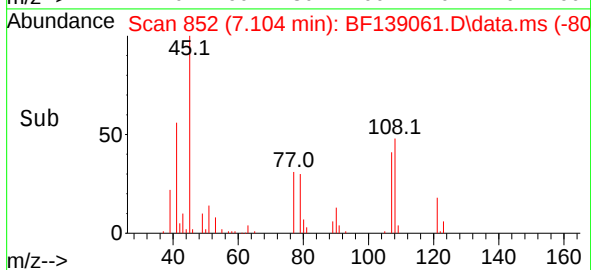
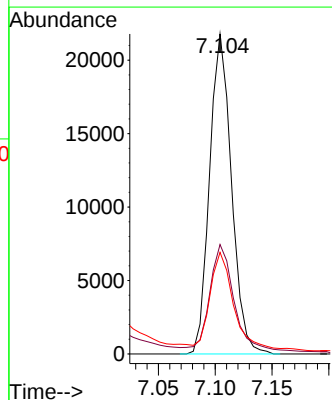
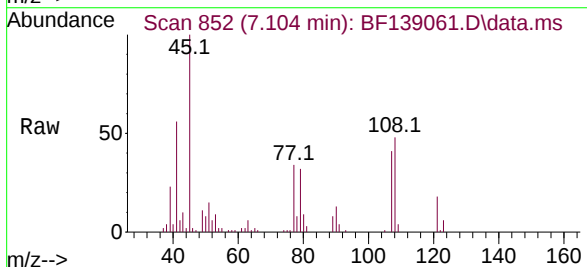
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

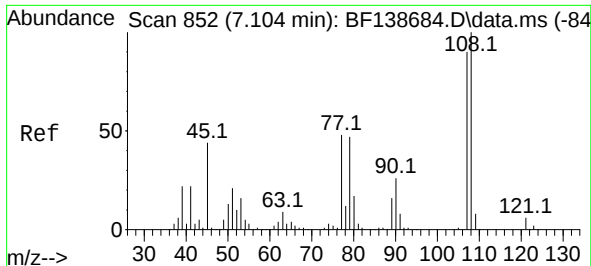
Tgt Ion: 79 Resp: 17692
Ion Ratio Lower Upper
79 100
108 50.7 56.6 85.0#
77 79.9 50.3 75.5#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.129 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion: 45 Resp: 29195
Ion Ratio Lower Upper
45 100
77 34.2 0.0 34.9
79 31.8 0.0 32.2

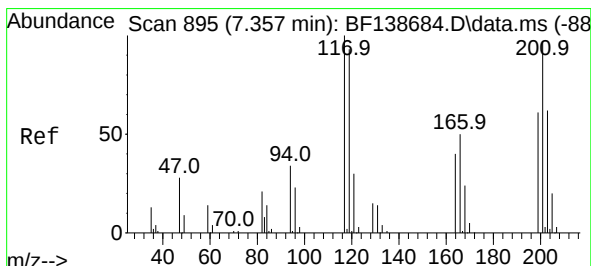
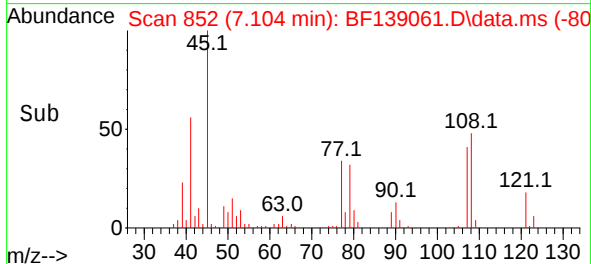
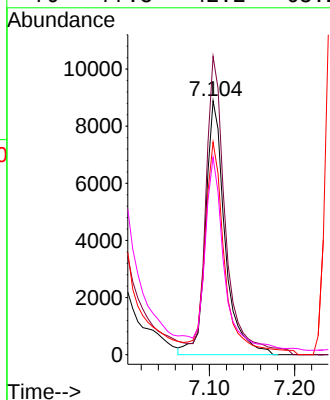
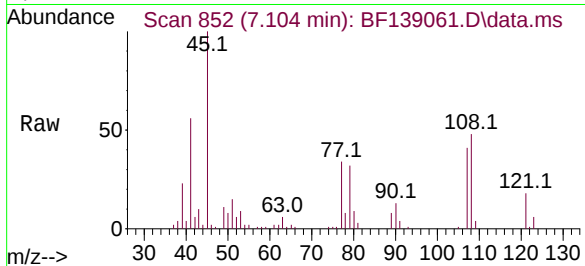




#17
2-Methylphenol
Concen: 5.343 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

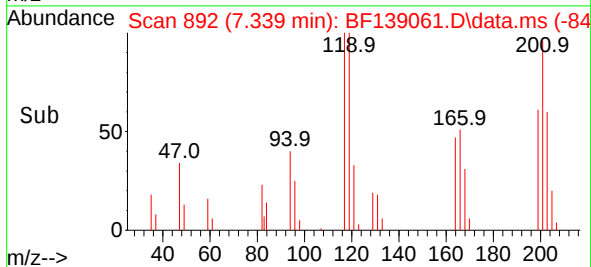
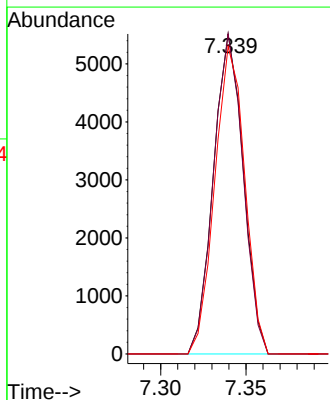
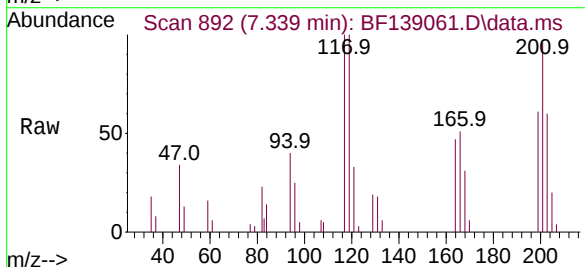
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:	107	Resp:	14114
Ion Ratio	Lower	Upper	
107	100		
108	117.4	89.2	133.8
77	83.7	43.0	64.4#
79	77.8	42.2	63.2#



#18
Hexachloroethane
Concen: 4.943 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion:	117	Resp:	6725
Ion Ratio	Lower	Upper	
117	100		
119	100.0	74.6	111.8
201	96.2	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 5.363 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF139061.D

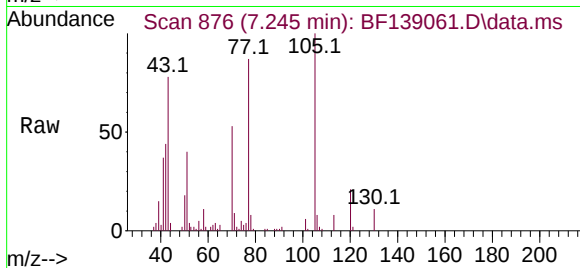
Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion: 70 Resp: 13224

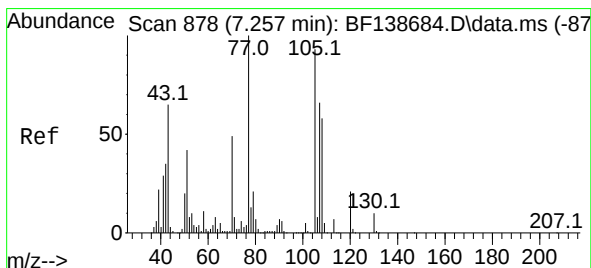
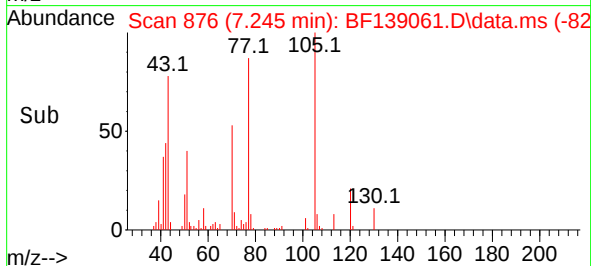
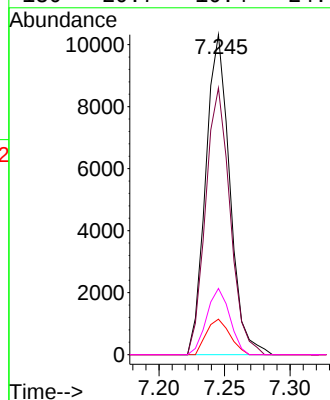
Ion Ratio Lower Upper

70 100

42 83.4 57.4 86.0

101 11.1 7.5 11.3

130 20.7 16.4 24.6



#20

3+4-Methylphenols

Concen: 5.226 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Tgt Ion: 107 Resp: 17714

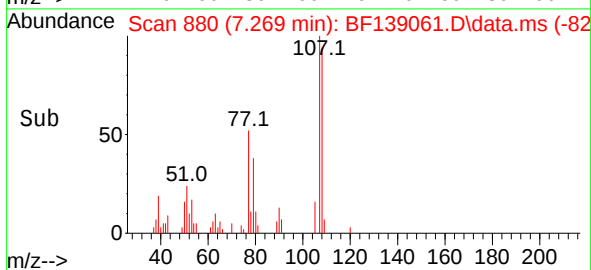
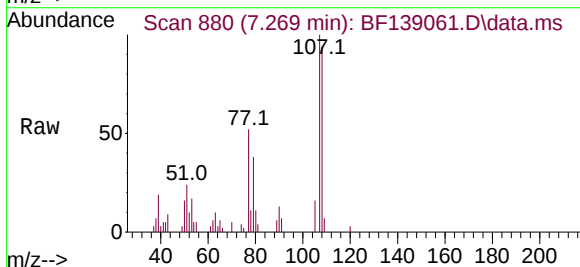
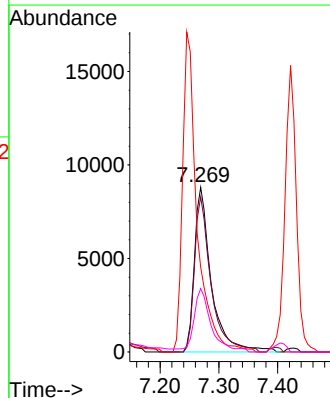
Ion Ratio Lower Upper

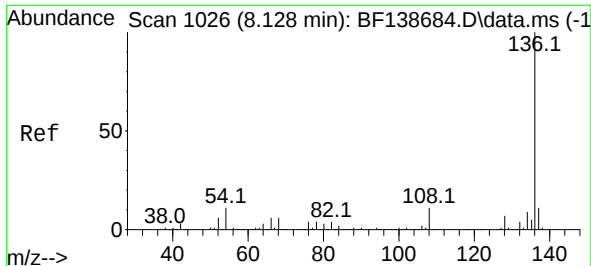
107 100

108 94.2 68.2 108.2

77 51.6 132.1 172.1#

79 38.5 11.5 51.5

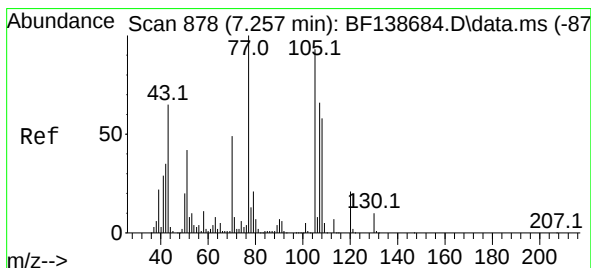
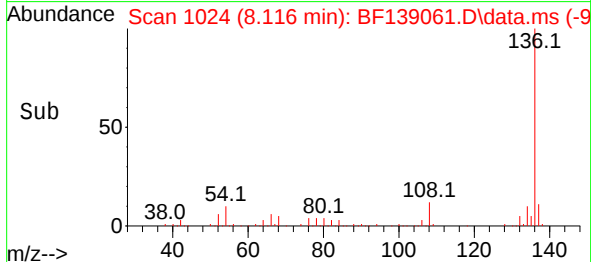
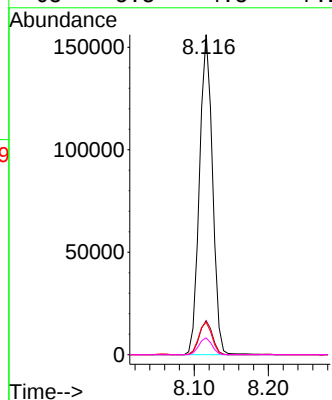
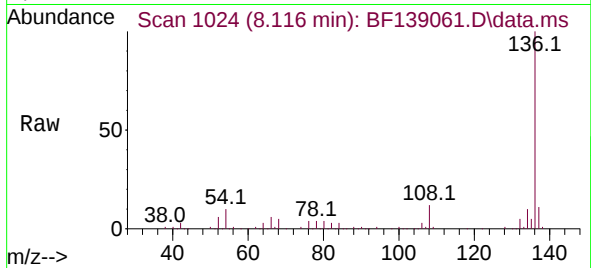




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

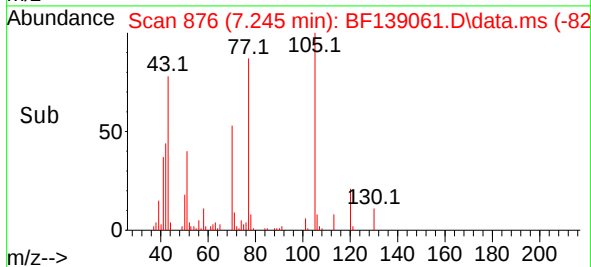
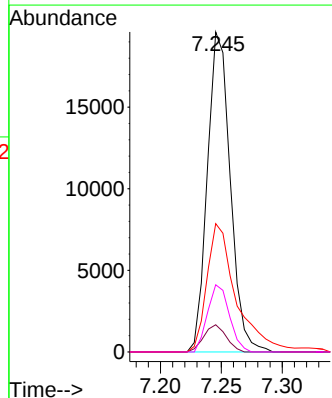
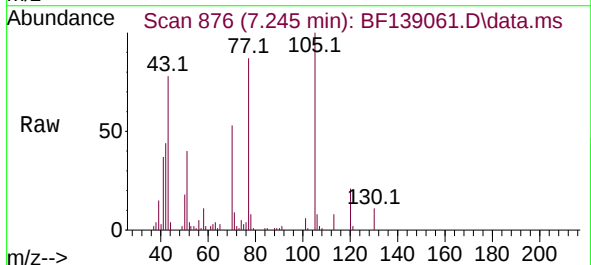
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

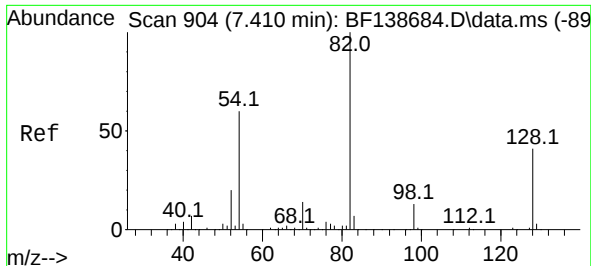
Tgt Ion:136	Resp: 190417
Ion Ratio	Lower Upper
136	100
137	10.7 8.9 13.3
54	10.2 8.6 12.8
68	5.3 4.8 7.2



#22
Acetophenone
Concen: 5.496 ng
RT: 7.245 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion:105	Resp: 25622
Ion Ratio	Lower Upper
105	100
71	8.5 7.2 10.8
51	40.1 35.9 53.9
120	21.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 92.542 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

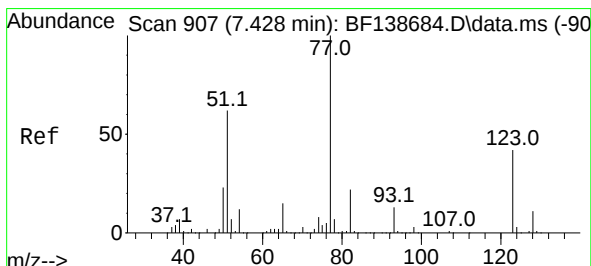
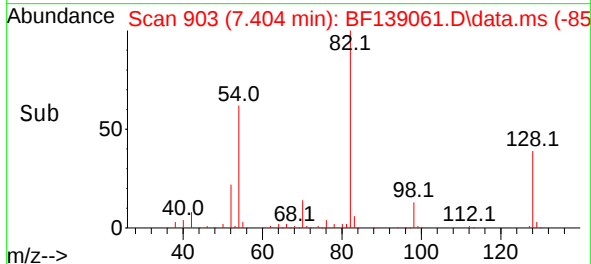
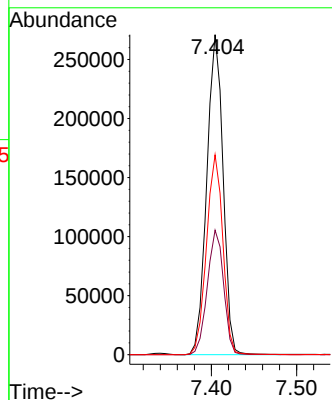
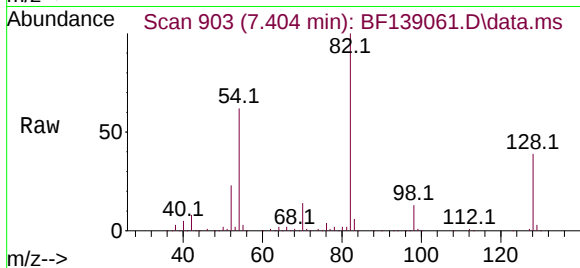
Tgt Ion: 82 Resp: 360423

Ion Ratio Lower Upper

82 100

128 38.9 32.8 49.2

54 62.5 48.3 72.5



#24

Nitrobenzene

Concen: 5.209 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

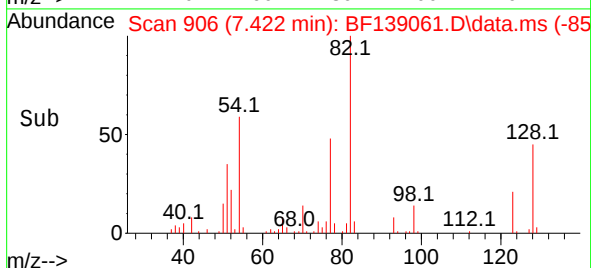
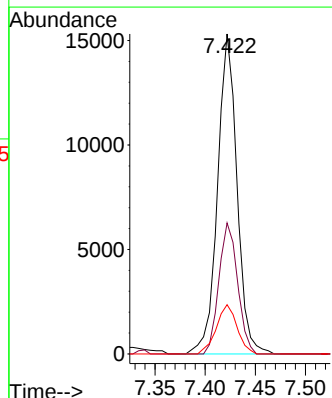
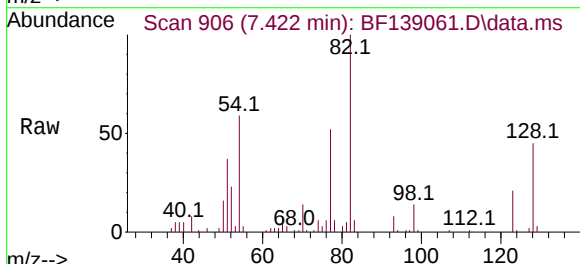
Tgt Ion: 77 Resp: 20645

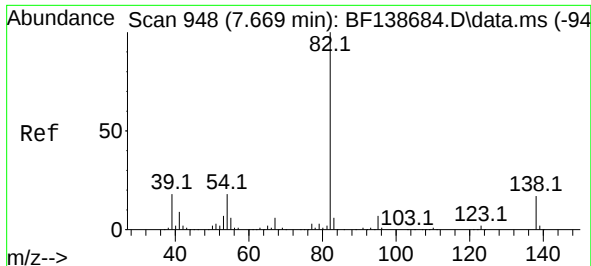
Ion Ratio Lower Upper

77 100

123 41.0 33.3 49.9

65 15.4 11.9 17.9

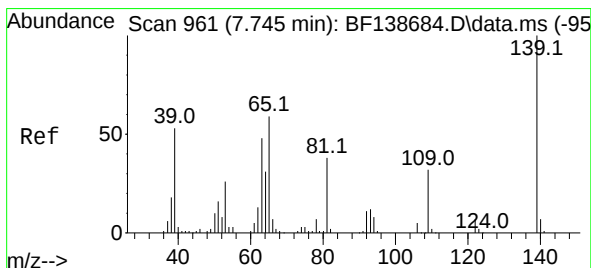
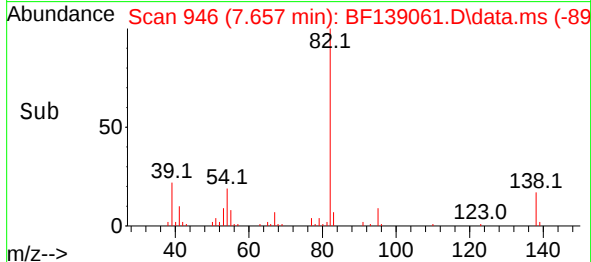
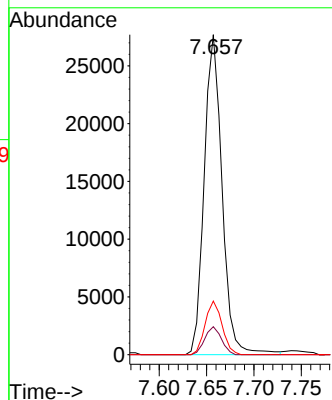
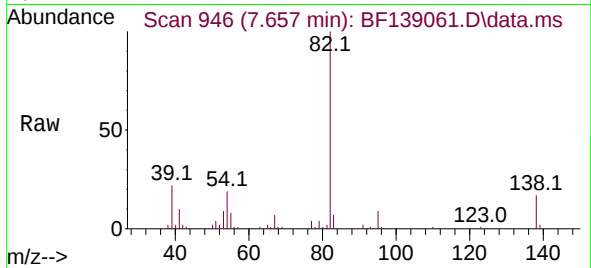




#25
Isophorone
Concen: 5.459 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

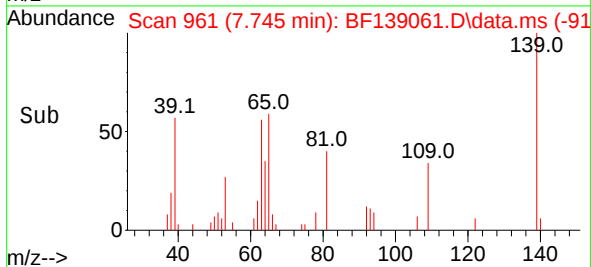
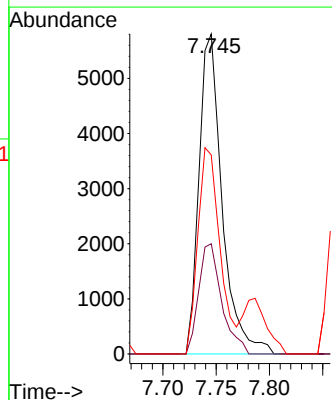
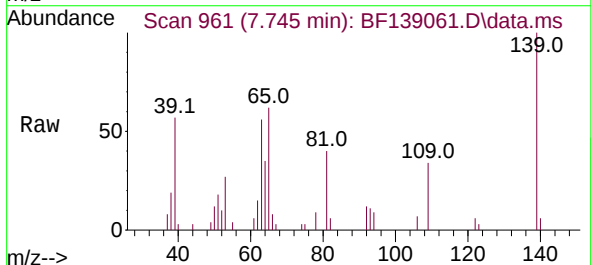
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

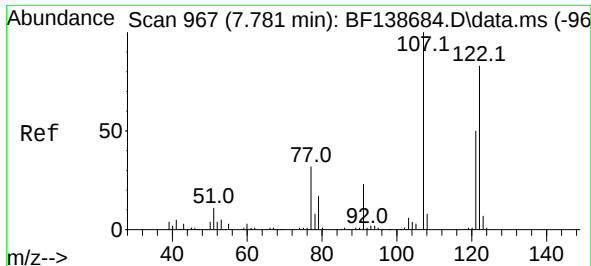
Tgt Ion: 82 Resp: 36305
Ion Ratio Lower Upper
82 100
95 8.8 5.7 8.5#
138 16.8 13.7 20.5



#26
2-Nitrophenol
Concen: 5.153 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion:139 Resp: 8787
Ion Ratio Lower Upper
139 100
109 34.5 25.9 38.9
65 62.2 47.0 70.6

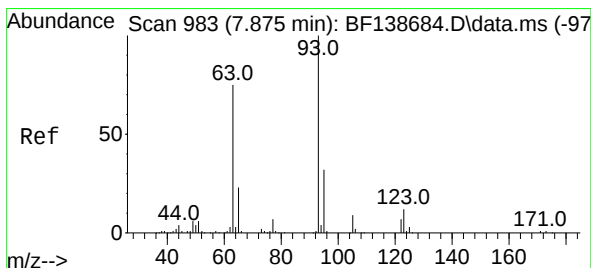
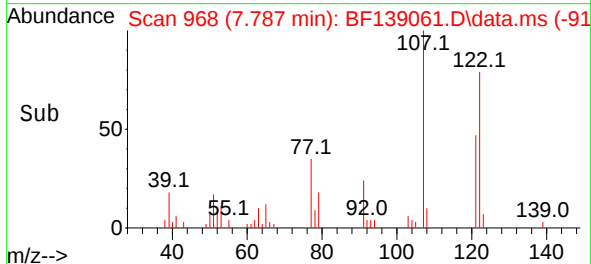
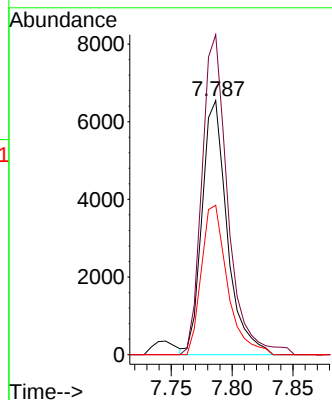
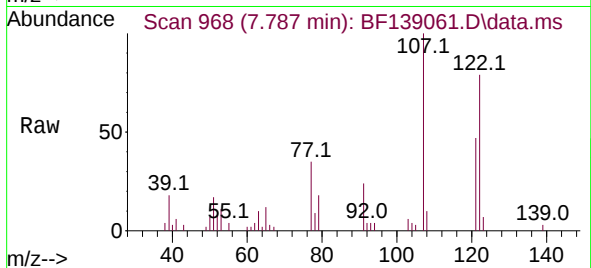




#27
2,4-Dimethylphenol
Concen: 4.612 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

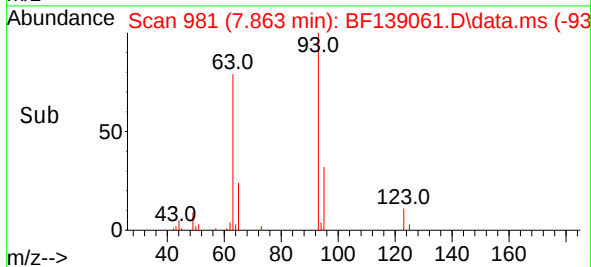
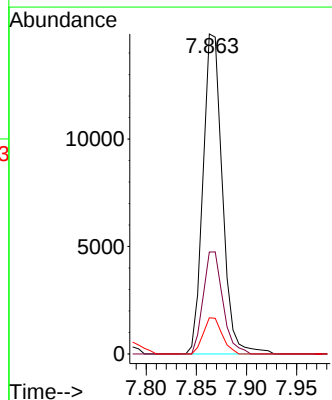
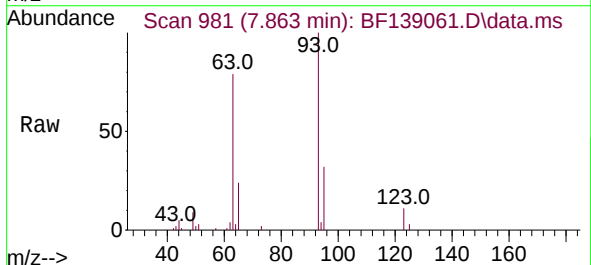
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

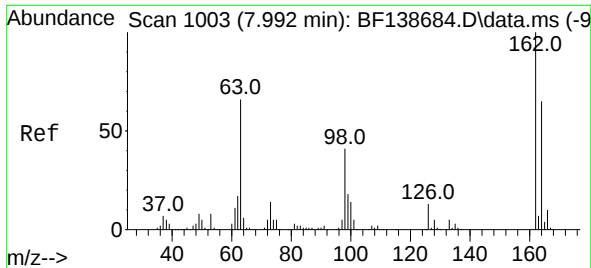
Tgt Ion:122 Resp: 9408
Ion Ratio Lower Upper
122 100
107 125.9 95.0 142.6
121 58.8 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 4.944 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion: 93 Resp: 20023
Ion Ratio Lower Upper
93 100
95 31.8 25.8 38.8
123 11.3 9.4 14.0

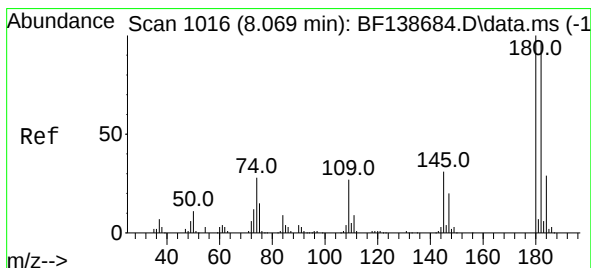
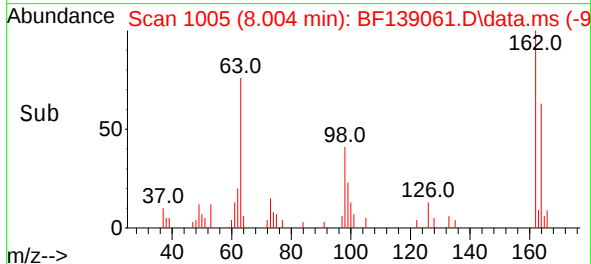
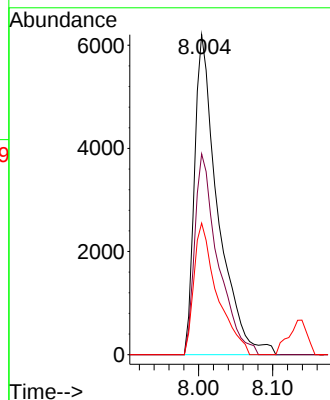
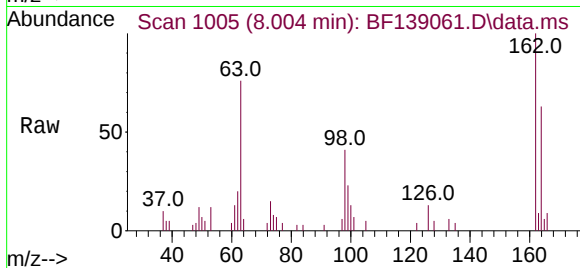




#29
2,4-Dichlorophenol
Concen: 5.157 ng
RT: 8.004 min Scan# 1005
Delta R.T. 0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

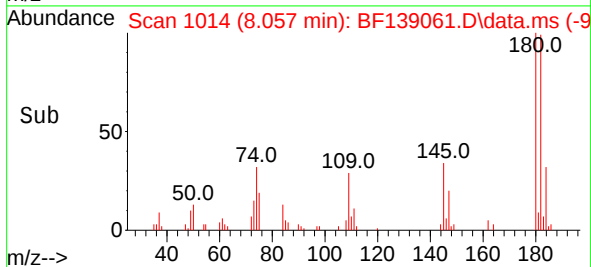
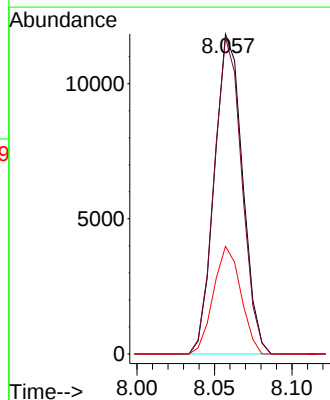
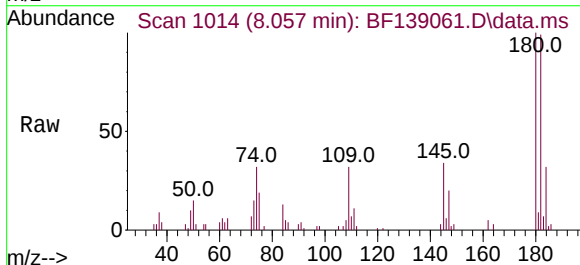
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

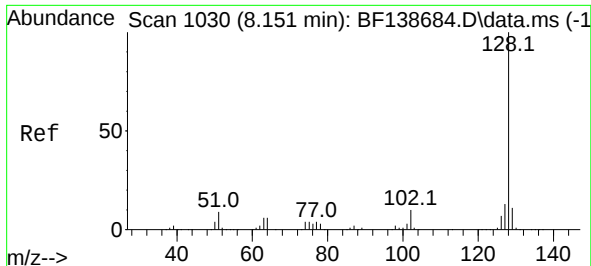
Tgt Ion:162 Resp: 13519
Ion Ratio Lower Upper
162 100
164 62.7 44.7 84.7
98 41.1 20.8 60.8



#30
1,2,4-Trichlorobenzene
Concen: 4.916 ng
RT: 8.057 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion:180 Resp: 14872
Ion Ratio Lower Upper
180 100
182 98.9 76.9 115.3
145 33.7 25.0 37.4





#31

Naphthalene

Concen: 5.174 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139061.D

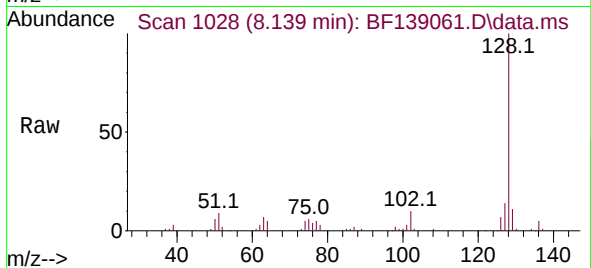
Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



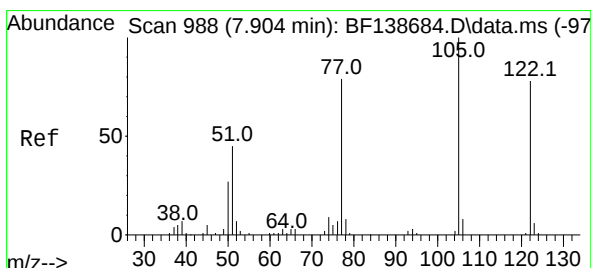
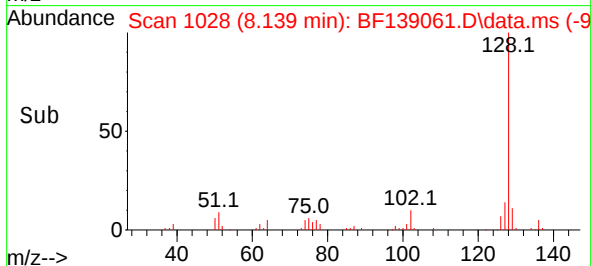
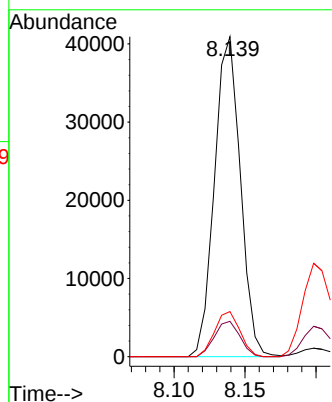
Tgt Ion:128 Resp: 51863

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 14.1 10.6 16.0



#32

Benzoic acid

Concen: 0.803 ng

RT: 7.951 min Scan# 996

Delta R.T. 0.047 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

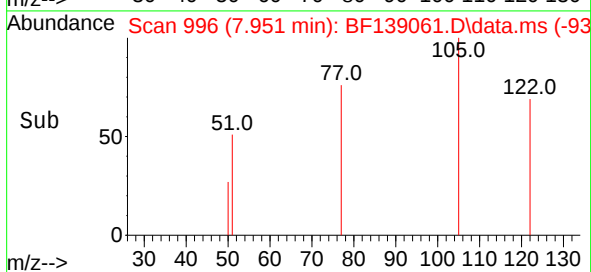
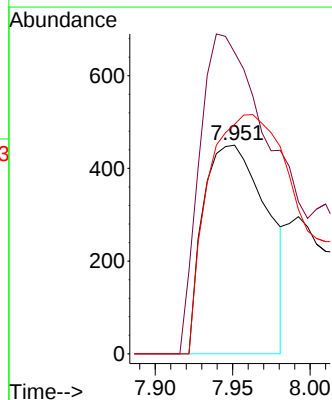
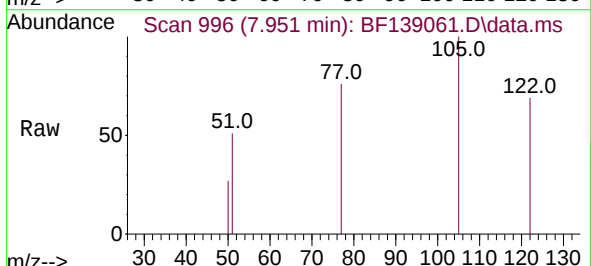
Tgt Ion:122 Resp: 1287

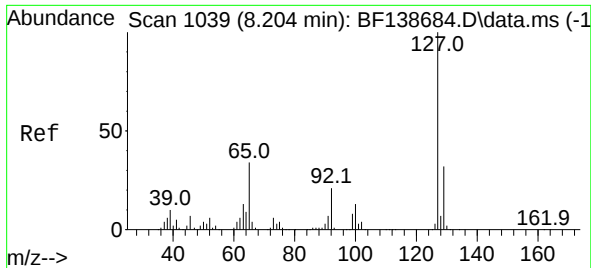
Ion Ratio Lower Upper

122 100

105 144.4 106.7 146.7

77 110.0 81.1 121.1

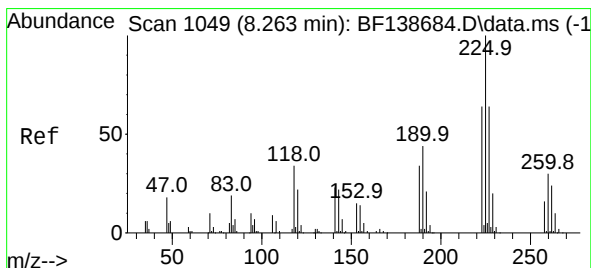
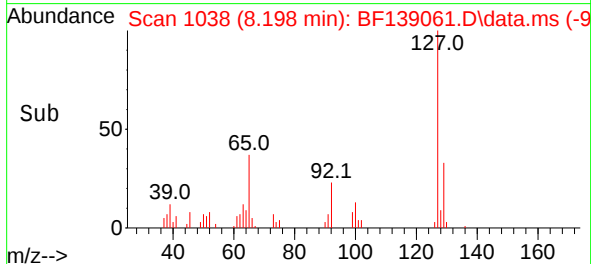
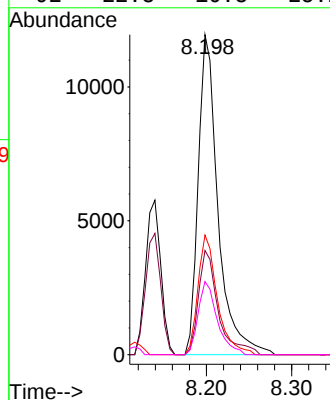
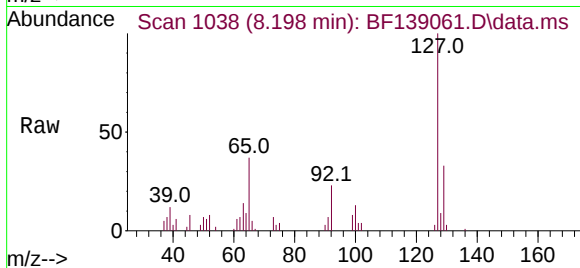




#33
4-Chloroaniline
Concen: 5.727 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

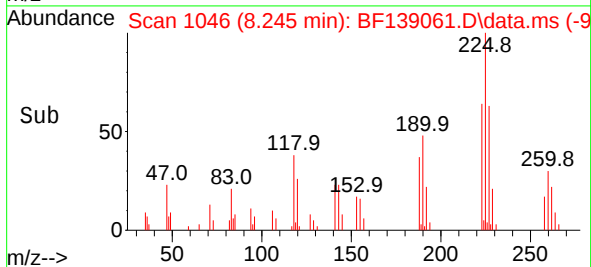
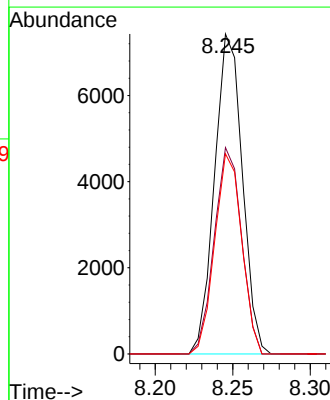
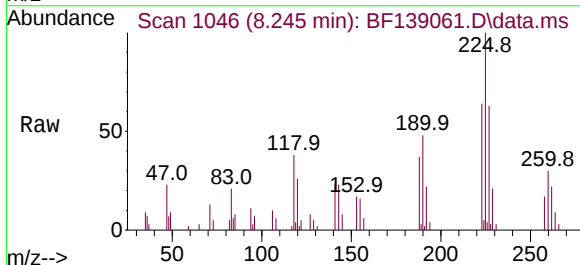
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2024

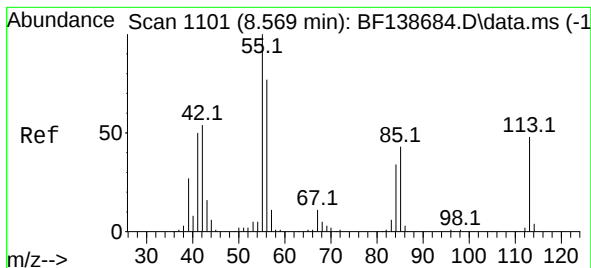
Tgt Ion:	127	Resp:	19270
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	37.3	27.6	41.4
92	22.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 5.047 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.018 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion:	225	Resp:	9248
Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.2	76.8
227	62.5	51.1	76.7





#35

Caprolactam

Concen: 5.152 ng

RT: 8.539 min Scan# 1101

Delta R.T. -0.029 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

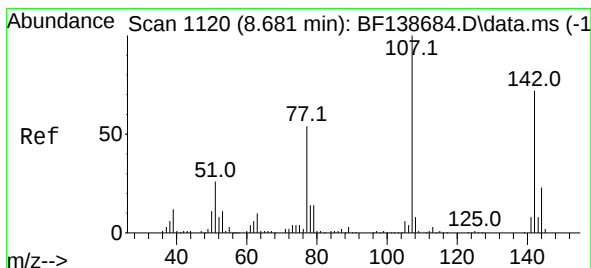
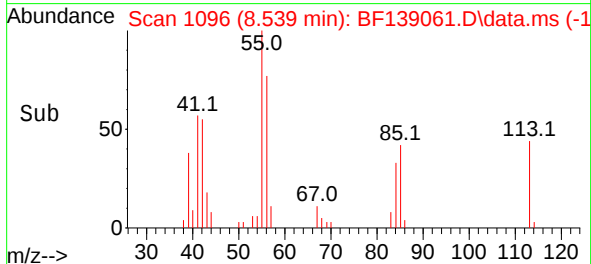
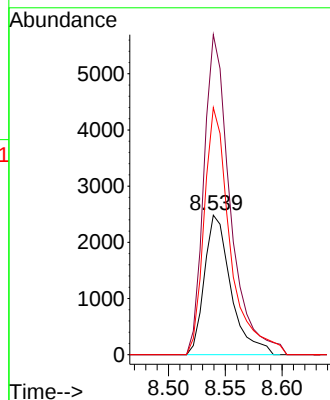
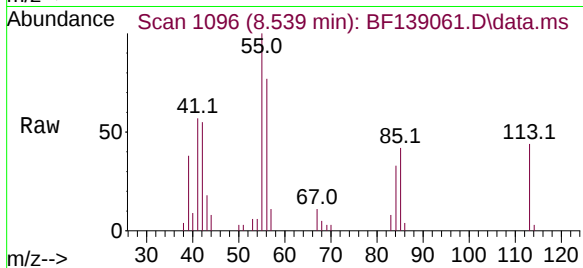
Tgt Ion:113 Resp: 4030

Ion Ratio Lower Upper

113 100

55 229.4 186.7 226.7#

56 177.1 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 5.396 ng

RT: 8.686 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

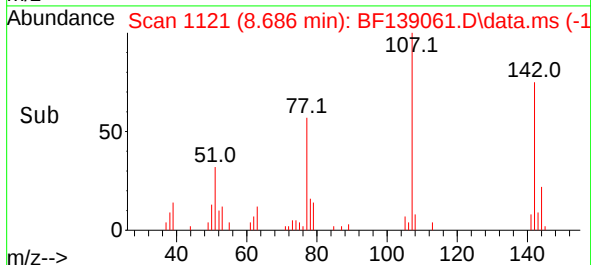
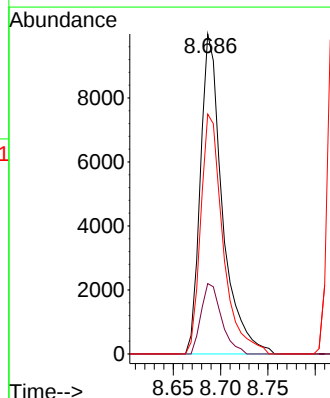
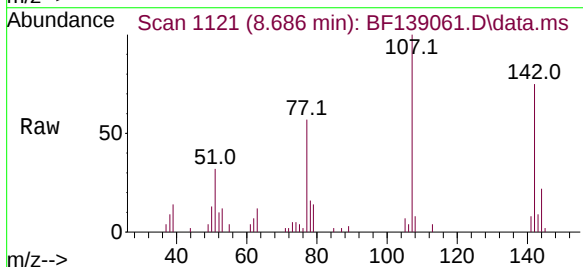
Tgt Ion:107 Resp: 16165

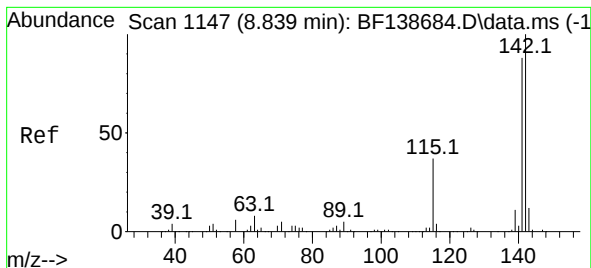
Ion Ratio Lower Upper

107 100

144 22.0 18.2 27.2

142 74.9 57.4 86.2





#37

2-Methylnaphthalene

Concen: 5.430 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

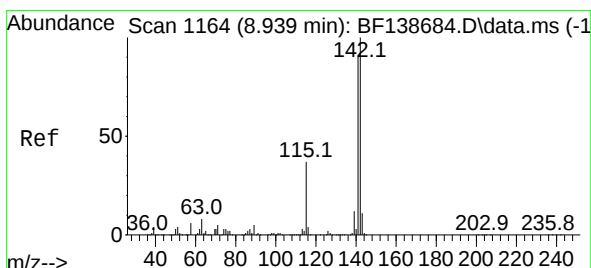
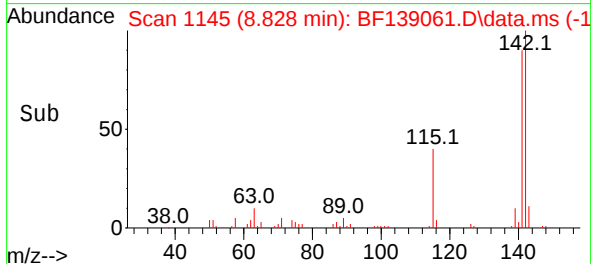
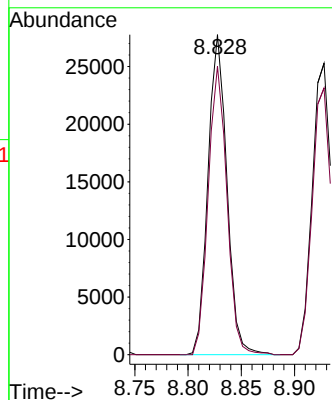
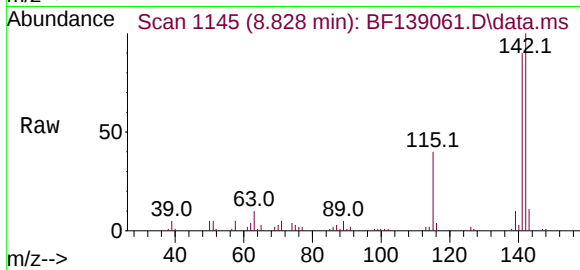
LOQ-WATER-02-QT3-2024

Tgt Ion:142 Resp: 34375

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2



#38

1-Methylnaphthalene

Concen: 5.203 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139061.D

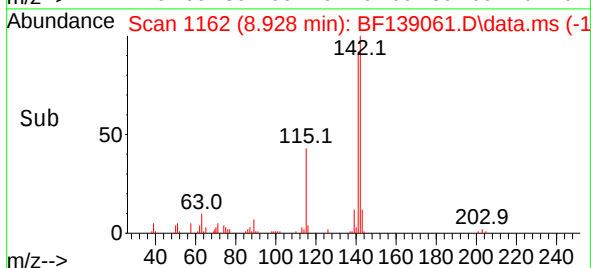
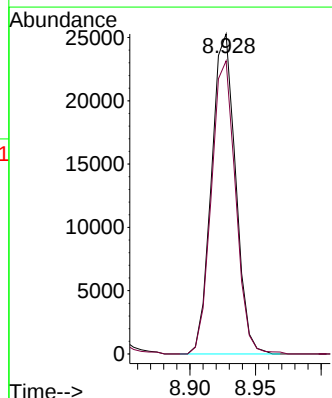
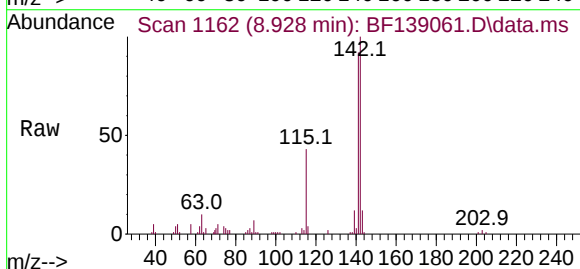
Acq: 16 Aug 2024 17:04

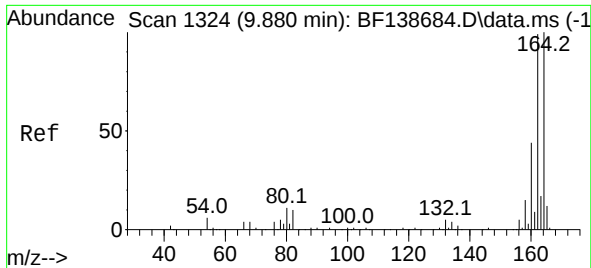
Tgt Ion:142 Resp: 32274

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# 1173

Delta R.T. -0.011 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

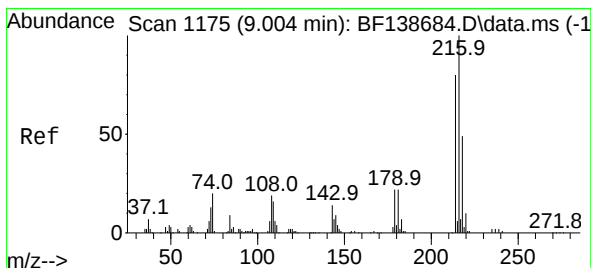
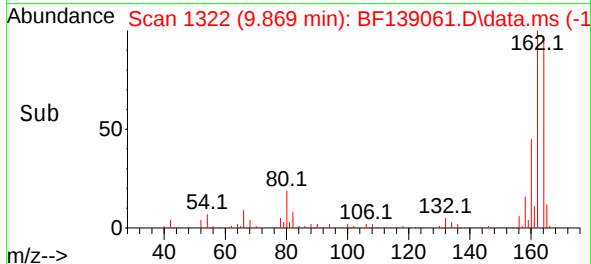
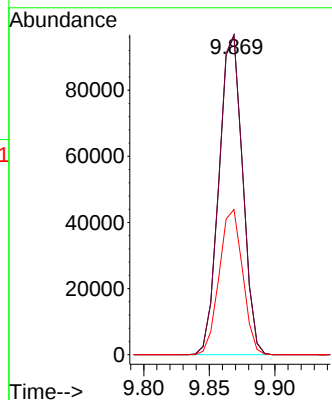
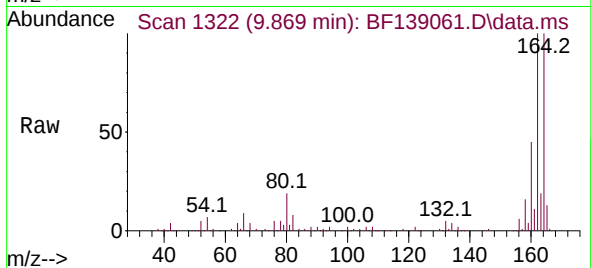
Tgt Ion:164 Resp: 120527

Ion Ratio Lower Upper

164 100

162 100.2 79.4 119.0

160 45.4 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.024 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Tgt Ion:216 Resp: 16820

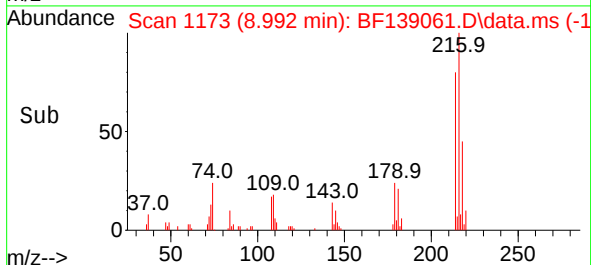
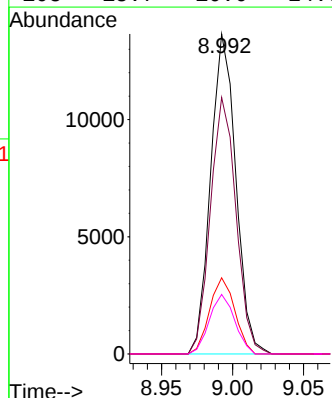
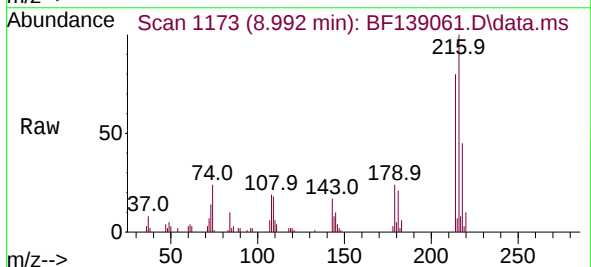
Ion Ratio Lower Upper

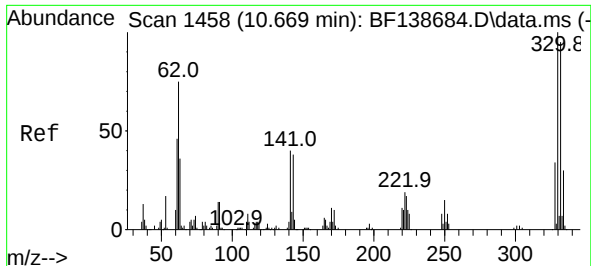
216 100

214 81.3 63.9 95.9

179 23.8 17.8 26.6

108 18.7 16.0 24.0





#42

2,4,6-Tribromophenol

Concen: 122.133 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139061.D

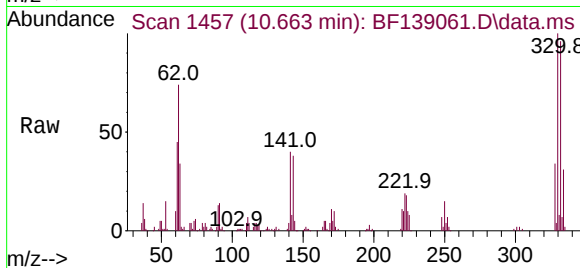
Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



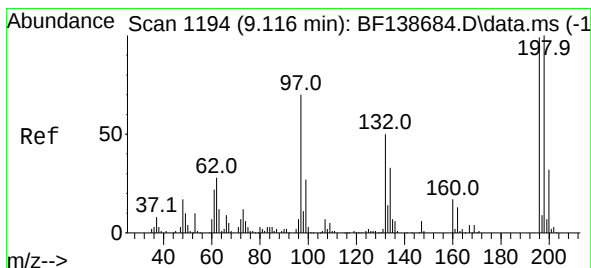
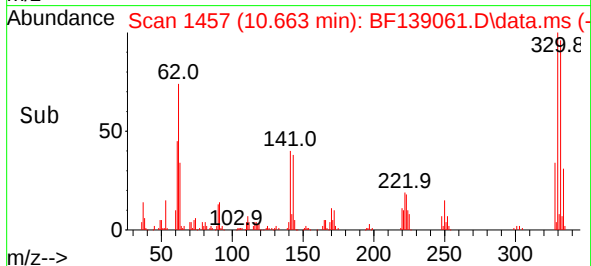
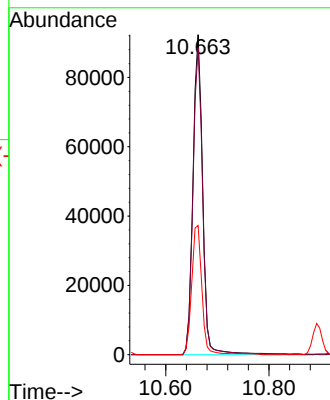
Tgt Ion:330 Resp: 120579

Ion Ratio Lower Upper

330 100

332 95.7 76.4 114.6

141 41.8 31.1 46.7



#43

2,4,6-Trichlorophenol

Concen: 4.606 ng

RT: 9.122 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

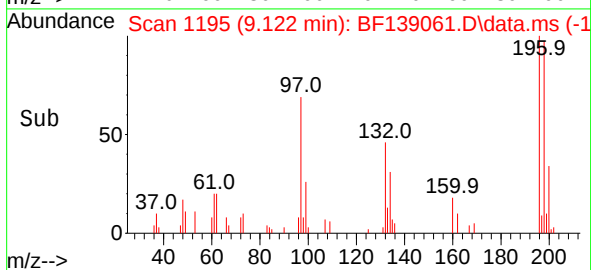
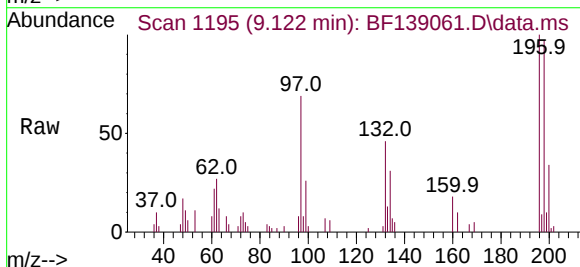
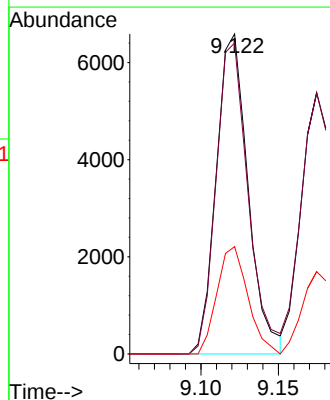
Tgt Ion:196 Resp: 9402

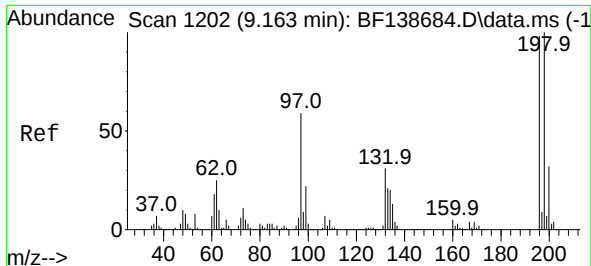
Ion Ratio Lower Upper

196 100

198 97.2 80.5 120.7

200 33.5 25.9 38.9





#44

2,4,5-Trichlorophenol

Concen: 4.632 ng

RT: 9.175 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:196 Resp: 10338

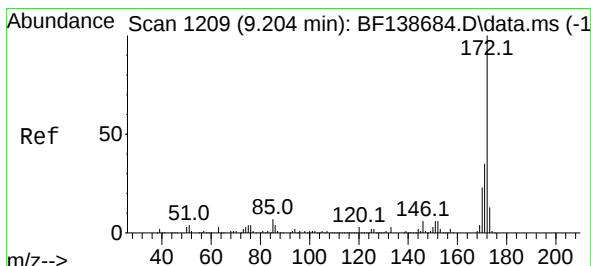
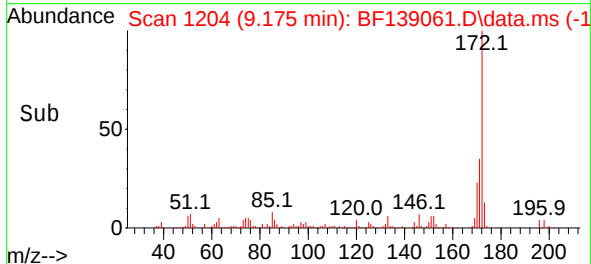
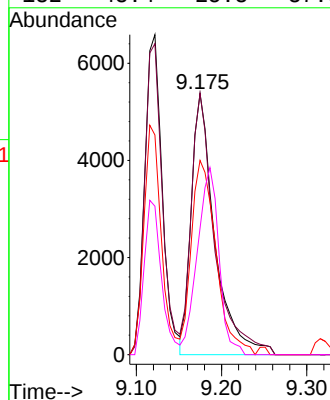
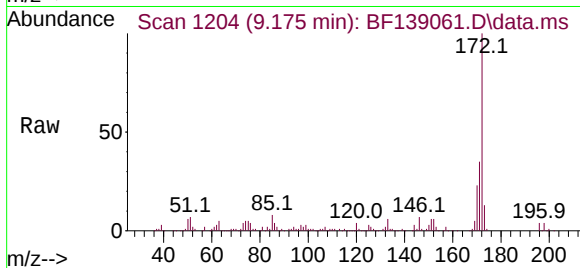
Ion Ratio Lower Upper

196 100

198 100.0 81.2 121.8

97 74.4 47.8 71.6#

132 48.4 25.3 37.9#



#45

2-Fluorobiphenyl

Concen: 89.861 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

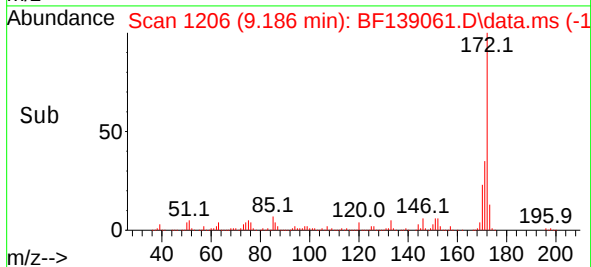
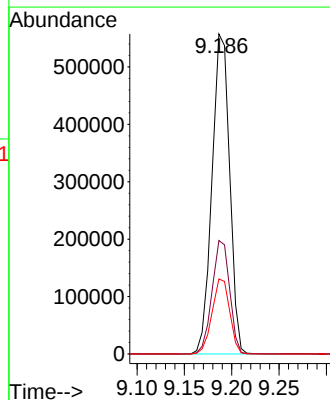
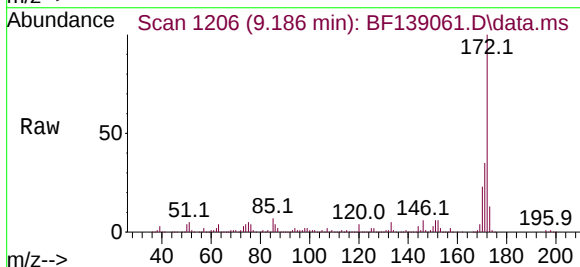
Tgt Ion:172 Resp: 720843

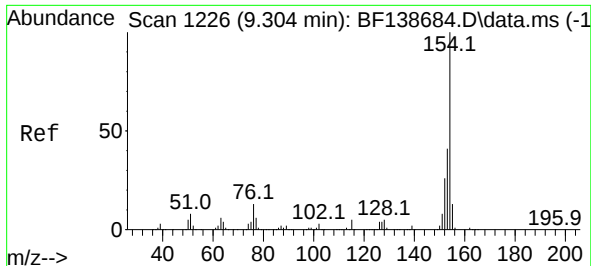
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 18.8 28.2





#46

1,1'-Biphenyl

Concen: 5.289 ng

RT: 9.286 min Scan# 1223

Delta R.T. -0.018 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

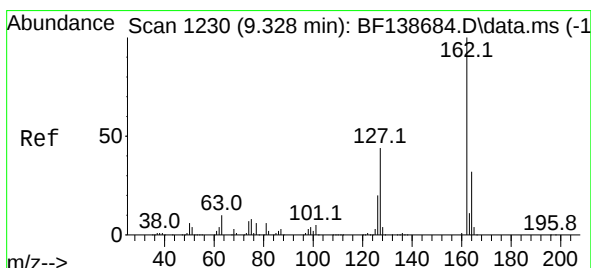
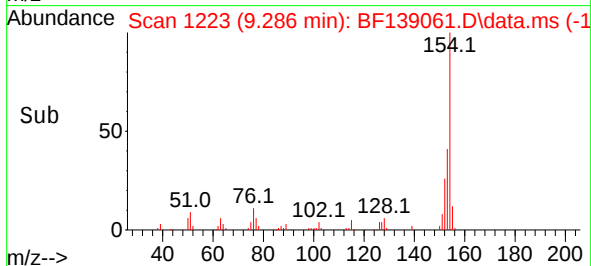
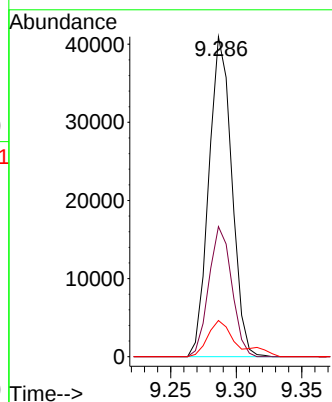
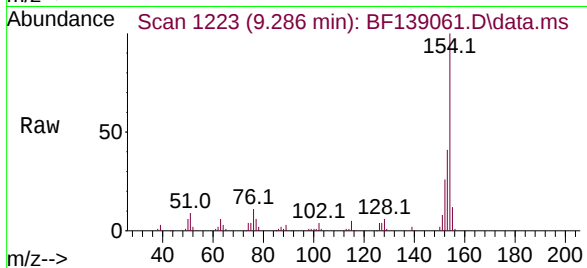
Tgt Ion:154 Resp: 49921

Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

76 11.3 0.0 32.8



#47

2-Chloronaphthalene

Concen: 5.095 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

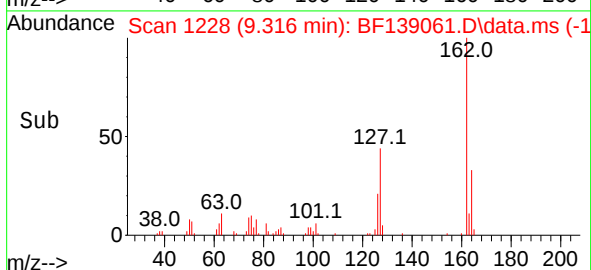
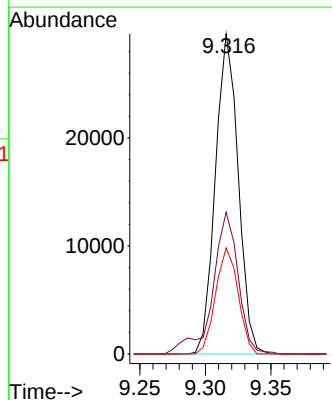
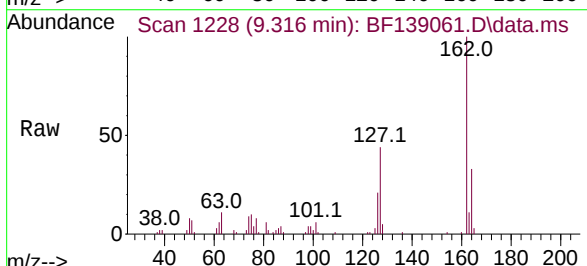
Tgt Ion:162 Resp: 35766

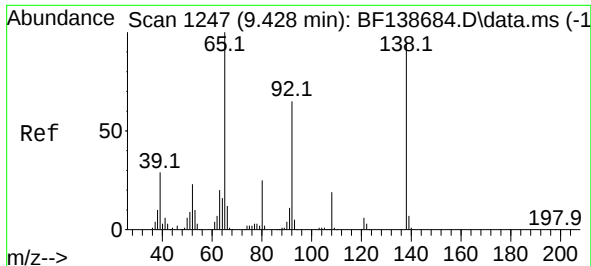
Ion Ratio Lower Upper

162 100

127 44.3 35.4 53.2

164 33.1 25.6 38.4





#48

2-Nitroaniline

Concen: 5.232 ng

RT: 9.422 min Scan# 12453

Delta R.T. -0.006 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

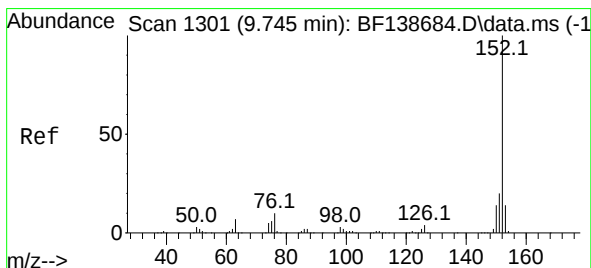
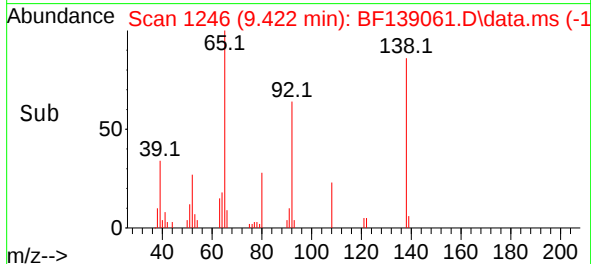
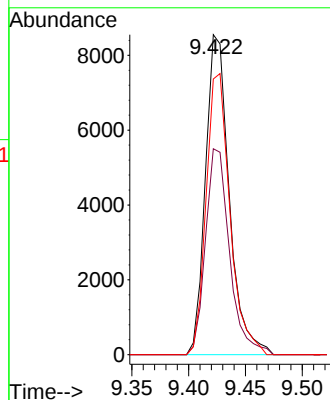
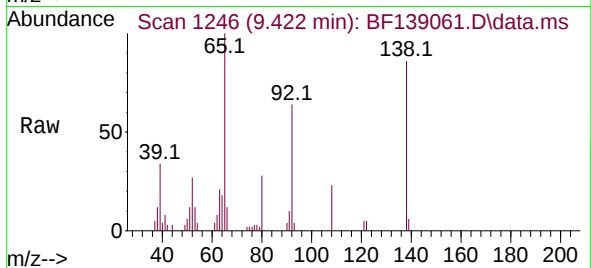
Tgt Ion: 65 Resp: 12453

Ion Ratio Lower Upper

65 100

92 64.3 52.0 78.0

138 86.1 76.2 114.4



#49

Acenaphthylene

Concen: 5.570 ng

RT: 9.728 min Scan# 1298

Delta R.T. -0.018 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

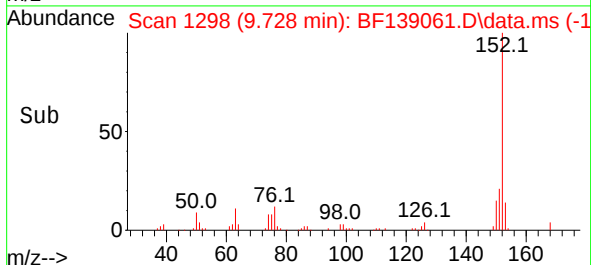
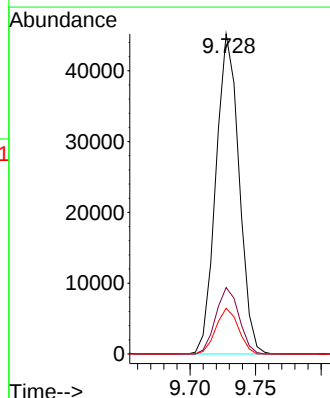
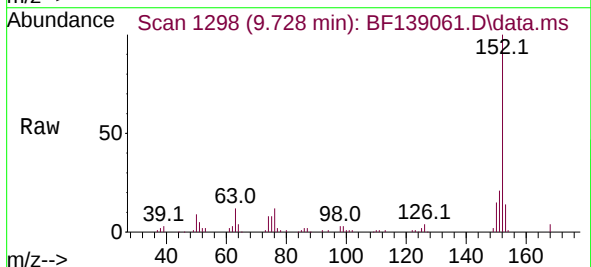
Tgt Ion: 152 Resp: 55458

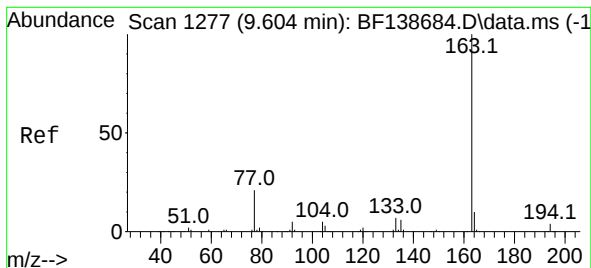
Ion Ratio Lower Upper

152 100

151 20.8 16.0 24.0

153 14.2 11.0 16.4





#50

Dimethylphthalate

Concen: 5.569 ng

RT: 9.586 min Scan# 1274

Delta R.T. -0.018 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

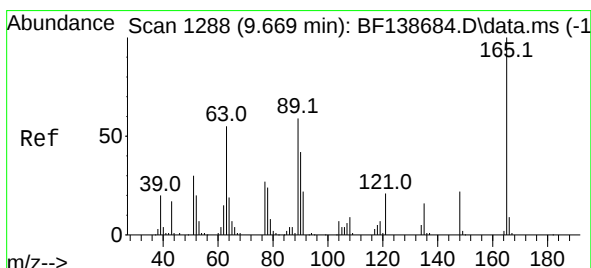
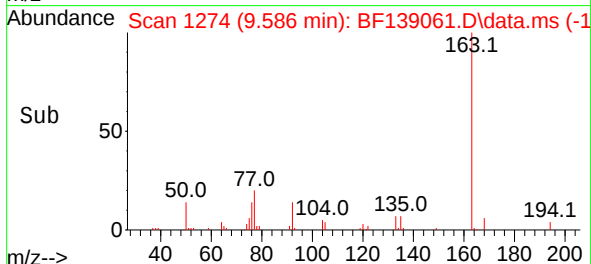
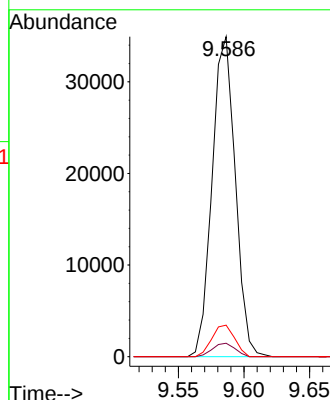
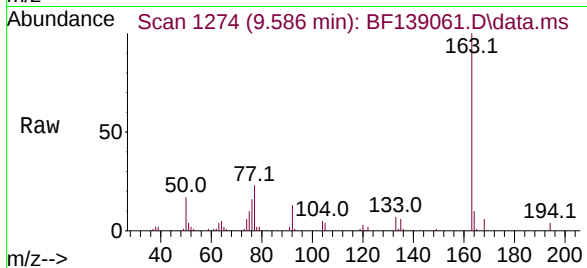
Tgt Ion:163 Resp: 42920

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 9.9 7.8 11.8



#51

2,6-Dinitrotoluene

Concen: 5.173 ng

RT: 9.657 min Scan# 1286

Delta R.T. -0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

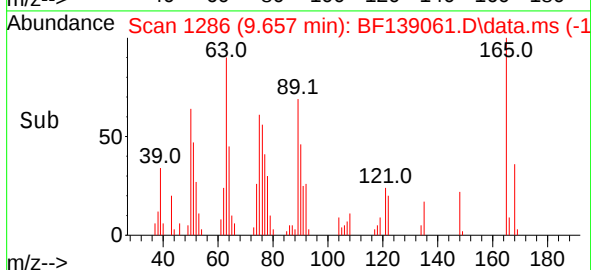
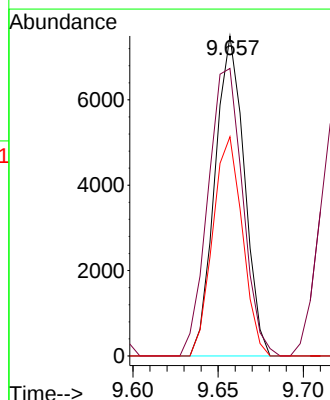
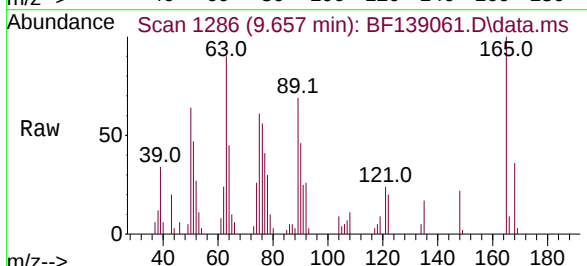
Tgt Ion:165 Resp: 8998

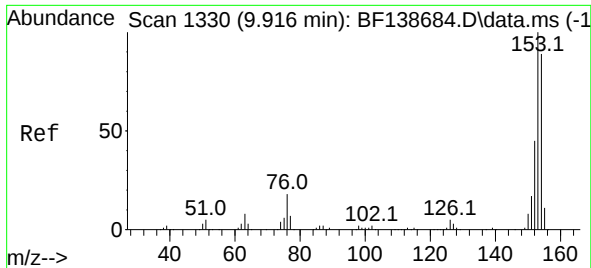
Ion Ratio Lower Upper

165 100

63 89.9 52.0 78.0#

89 68.5 47.0 70.6





#52

Acenaphthene

Concen: 5.157 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

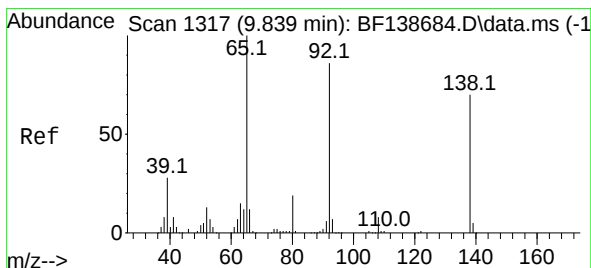
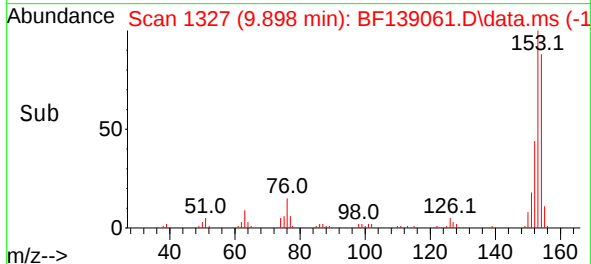
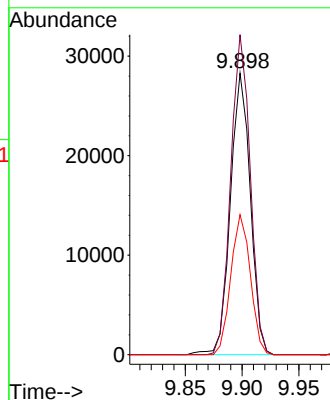
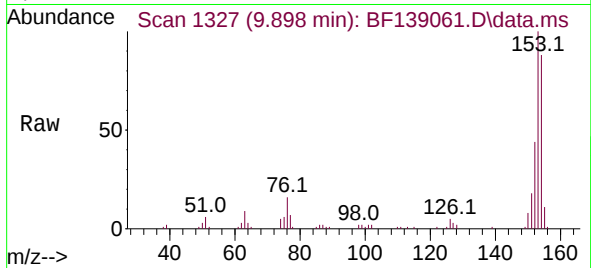
Tgt Ion:154 Resp: 34519

Ion Ratio Lower Upper

154 100

153 113.7 89.9 134.9

152 49.7 40.6 60.8



#53

3-Nitroaniline

Concen: 4.858 ng

RT: 9.839 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

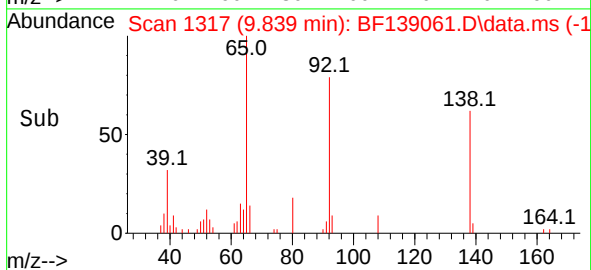
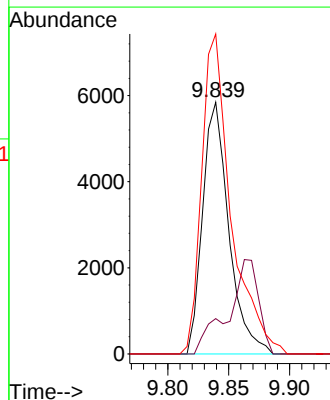
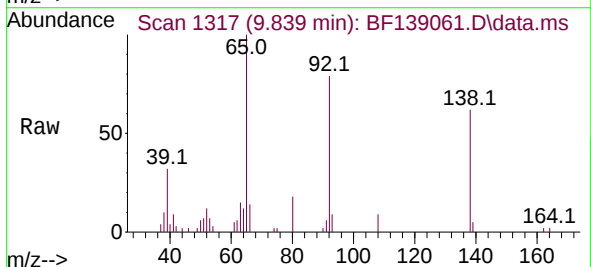
Tgt Ion:138 Resp: 8735

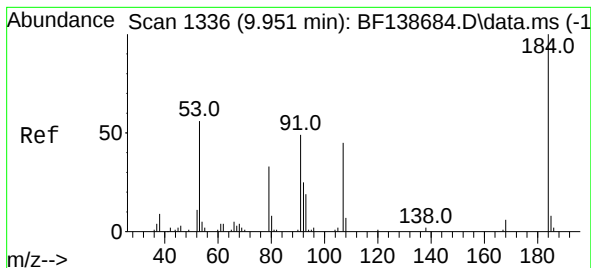
Ion Ratio Lower Upper

138 100

108 14.0 9.1 13.7#

92 127.2 98.7 148.1





#54

2,4-Dinitrophenol

Concen: 1.255 ng

RT: 9.992 min Scan# 1343

Delta R.T. 0.041 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

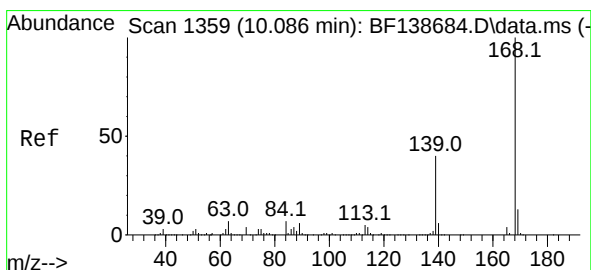
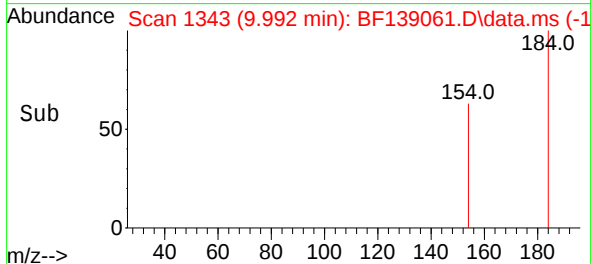
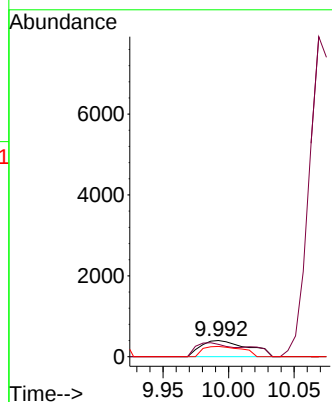
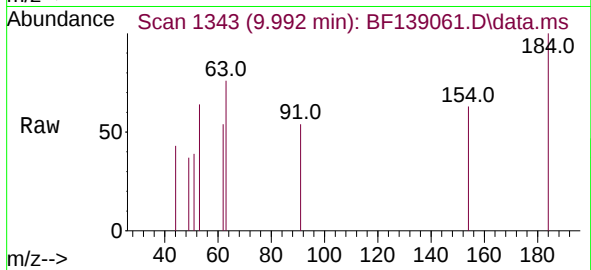
Tgt Ion:184 Resp: 1005

Ion Ratio Lower Upper

184 100

63 75.6 57.5 86.3

154 62.9 51.7 77.5



#55

Dibenzofuran

Concen: 5.511 ng

RT: 10.075 min Scan# 1357

Delta R.T. -0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

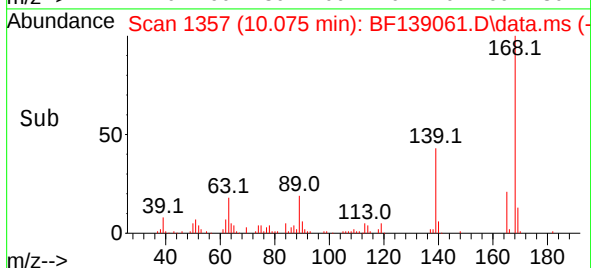
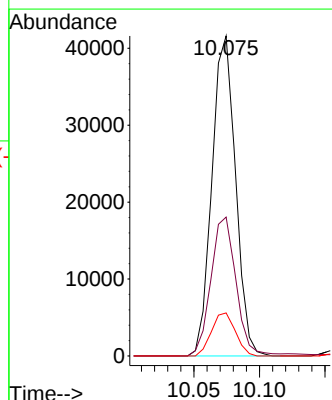
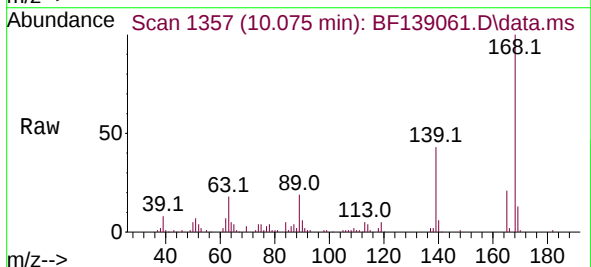
Tgt Ion:168 Resp: 52070

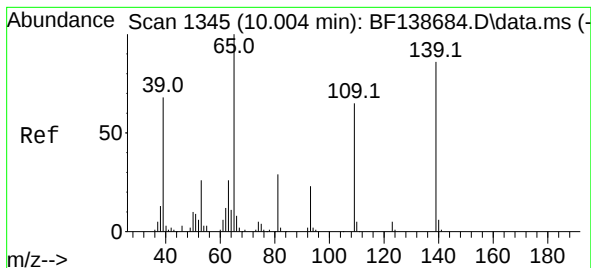
Ion Ratio Lower Upper

168 100

139 43.4 32.6 49.0

169 13.4 10.7 16.1





#56

4-Nitrophenol

Concen: 22.710 ng

RT: 10.075 min Scan# 1345

Delta R.T. 0.071 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

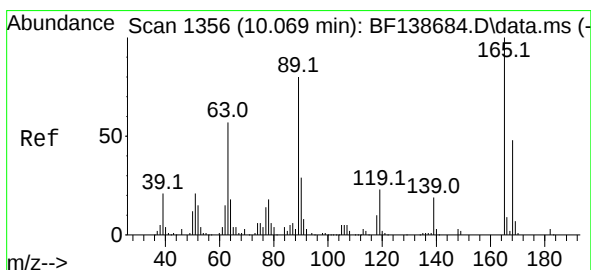
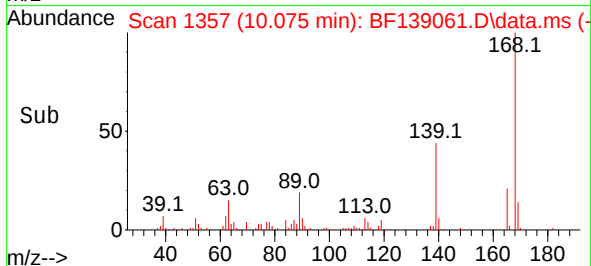
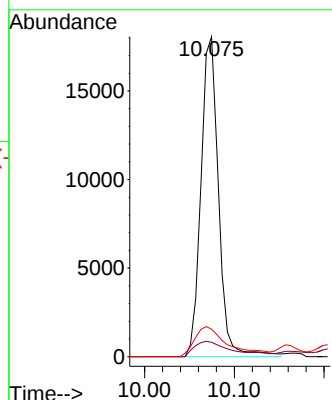
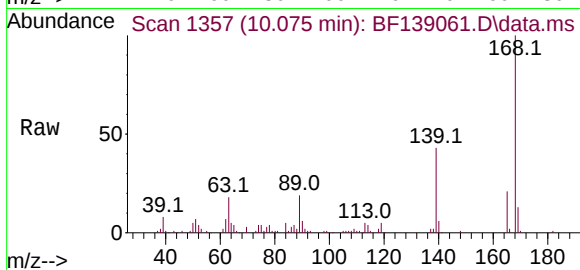
Tgt Ion:139 Resp: 24555

Ion Ratio Lower Upper

139 100

109 4.5 55.5 95.5#

65 8.6 96.7 136.7#



#57

2,4-Dinitrotoluene

Concen: 5.580 ng

RT: 10.069 min Scan# 1356

Delta R.T. 0.000 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Tgt Ion:165 Resp: 12383

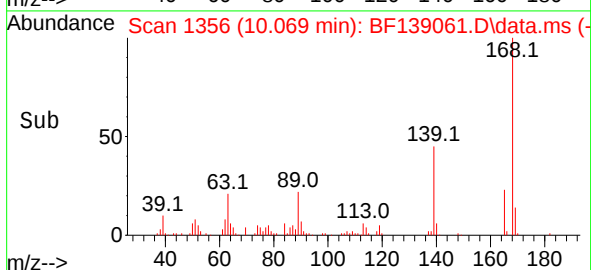
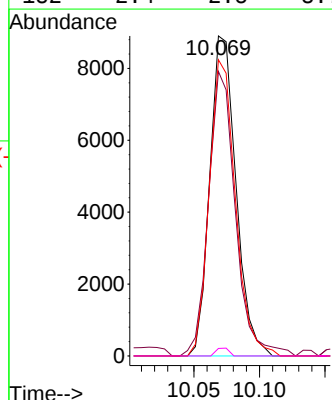
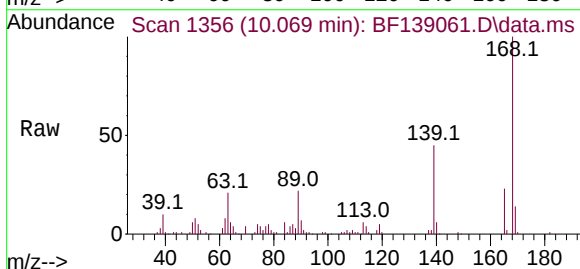
Ion Ratio Lower Upper

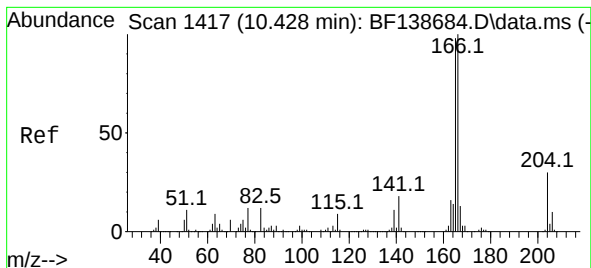
165 100

63 88.9 46.3 69.5#

89 92.6 64.2 96.4

182 2.4 2.5 3.7#





#58

Fluorene

Concen: 5.544 ng

RT: 10.416 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

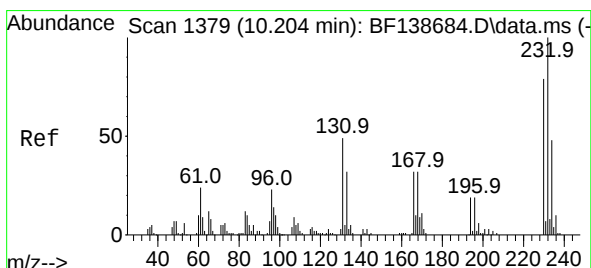
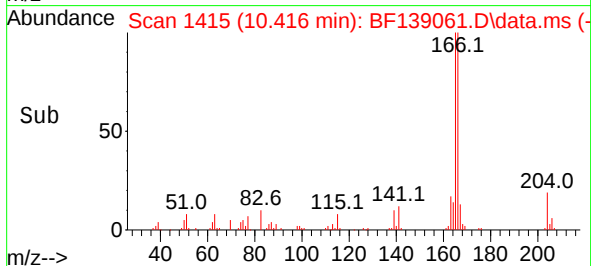
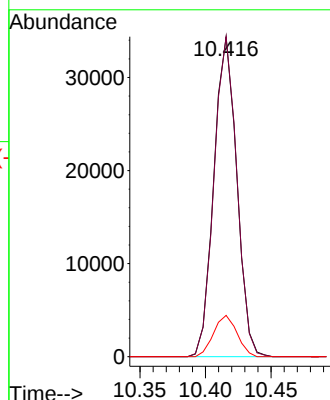
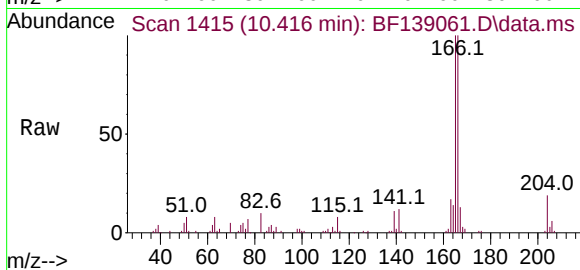
Tgt Ion:166 Resp: 41714

Ion Ratio Lower Upper

166 100

165 100.1 78.4 117.6

167 12.9 10.6 16.0



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.302 ng

RT: 10.204 min Scan# 1379

Delta R.T. -0.000 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Tgt Ion:232 Resp: 7340

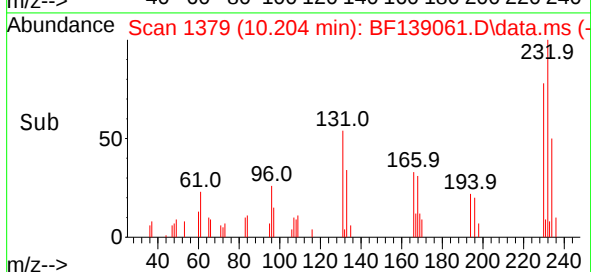
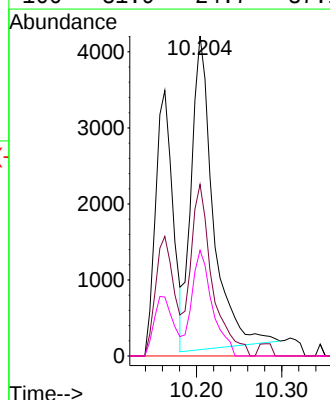
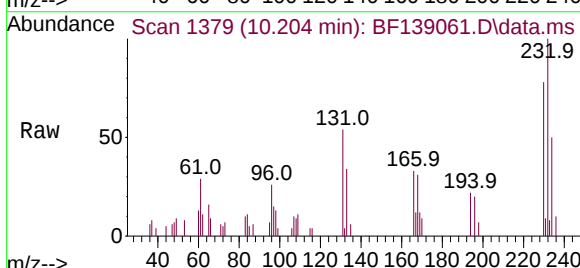
Ion Ratio Lower Upper

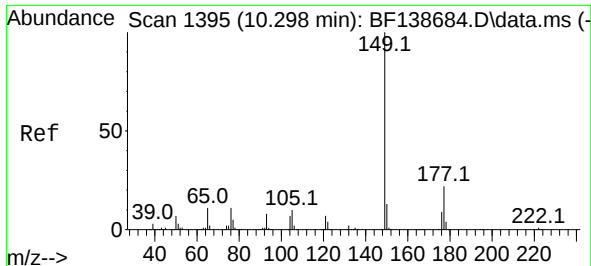
232 100

131 54.3 37.0 55.4

130 0.0 2.0 3.0#

166 31.9 24.7 37.1

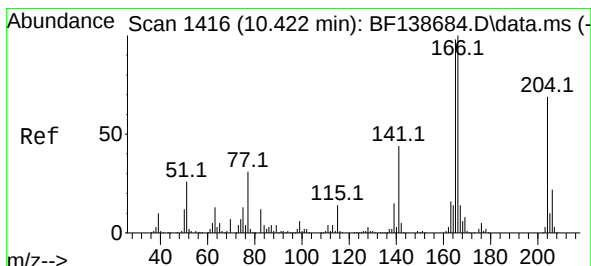
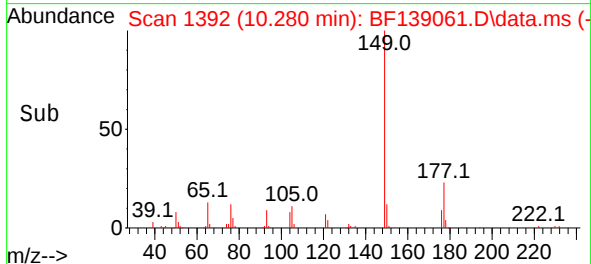
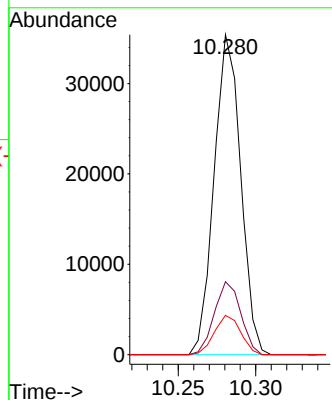
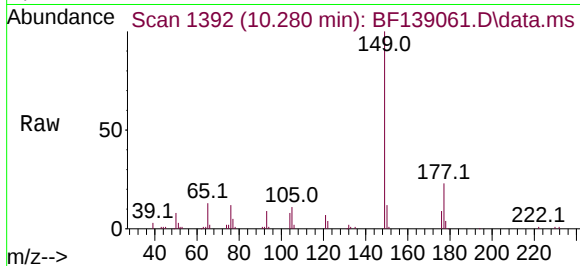




#60
Diethylphthalate
Concen: 5.775 ng
RT: 10.280 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

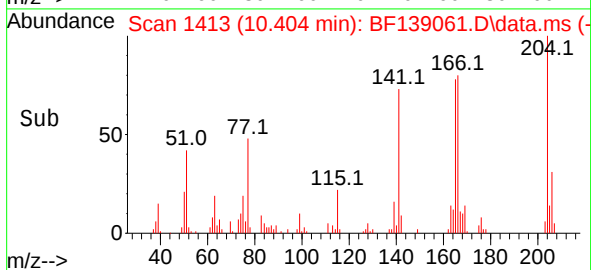
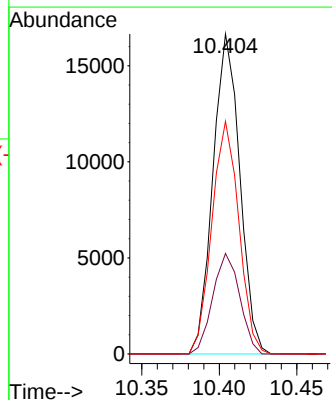
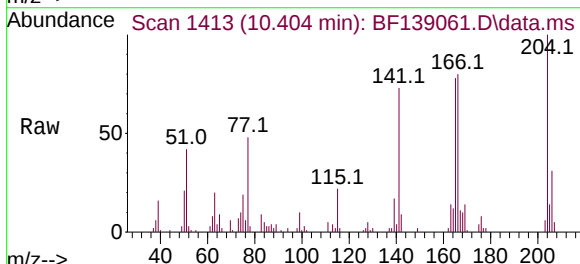
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

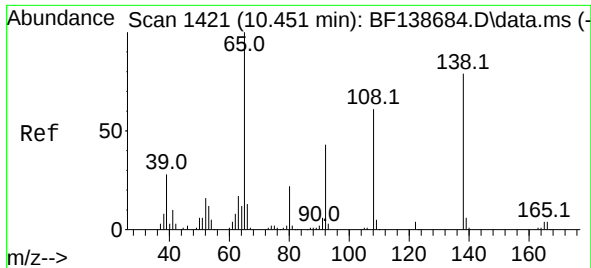
Tgt Ion:149 Resp: 42202
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.8
150 12.3 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 5.418 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion:204 Resp: 20049
Ion Ratio Lower Upper
204 100
206 31.4 26.1 39.1
141 72.7 51.4 77.0





#62

4-Nitroaniline

Concen: 4.281 ng

RT: 10.451 min Scan# 1421

Delta R.T. -0.000 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

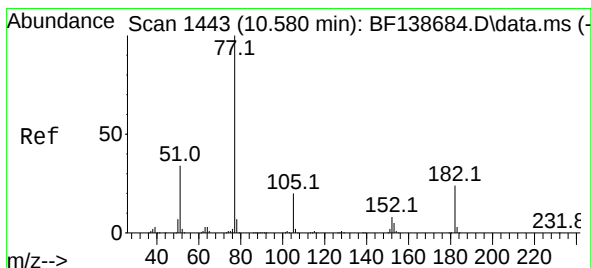
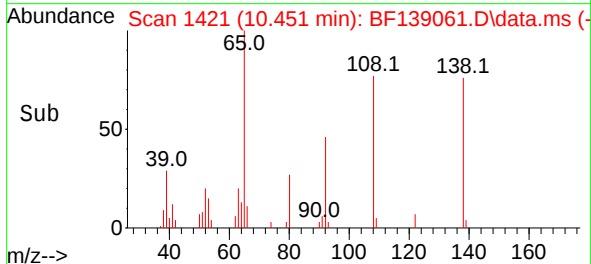
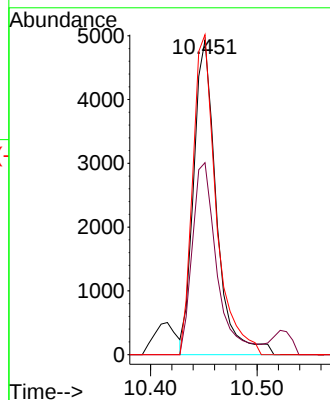
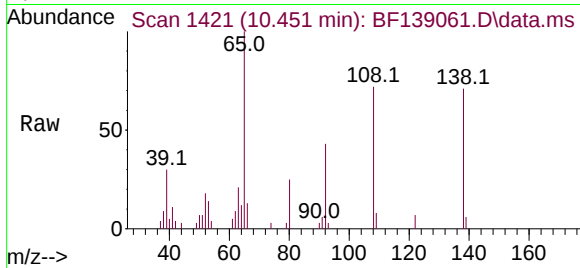
Tgt Ion:138 Resp: 7314

Ion Ratio Lower Upper

138 100

92 61.0 34.2 74.2

108 101.7 56.2 96.2#



#63

Azobenzene

Concen: 5.500 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.018 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Tgt Ion: 77 Resp: 44576

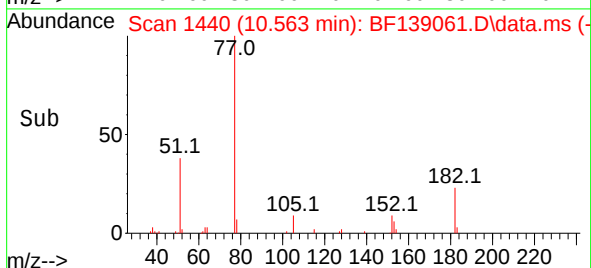
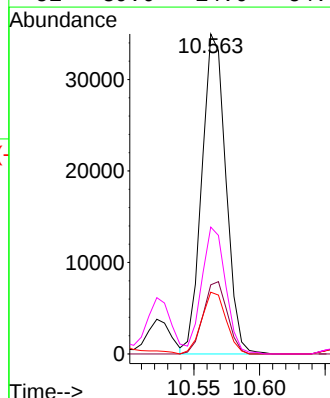
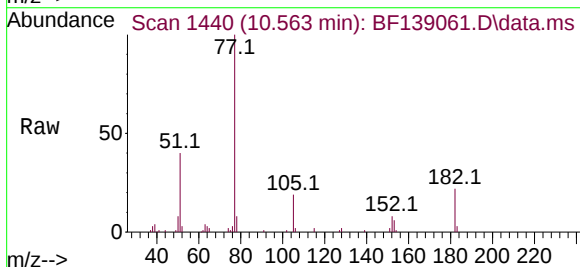
Ion Ratio Lower Upper

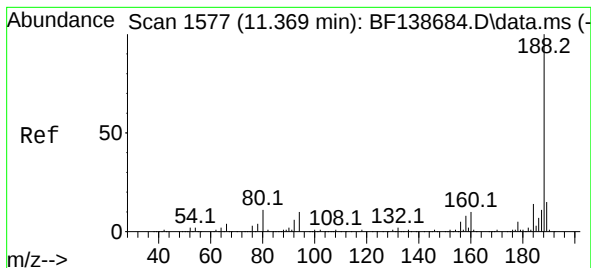
77 100

182 21.6 3.4 43.4

105 19.3 0.2 40.2

51 39.6 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: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

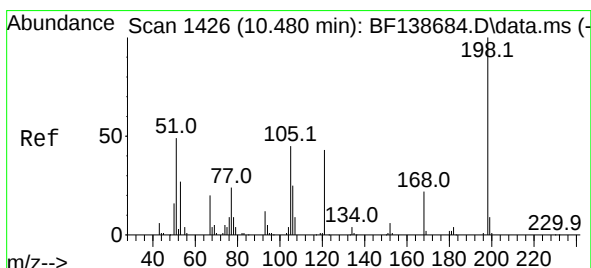
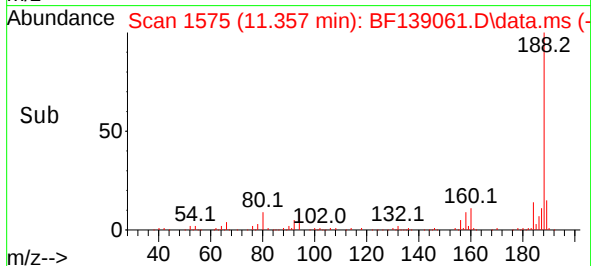
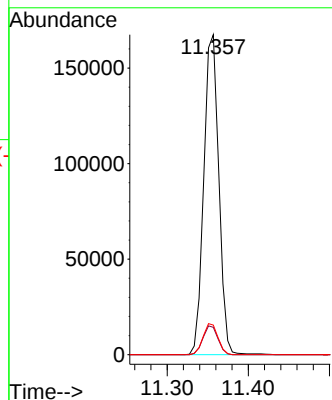
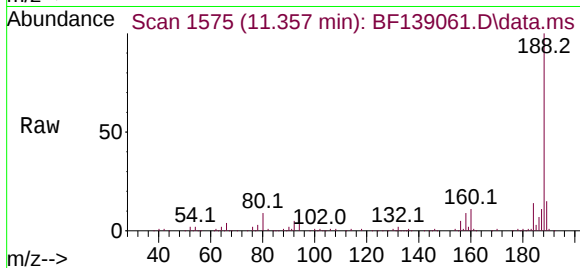
Tgt Ion:188 Resp: 214763

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.3 8.6 12.8



#65

4,6-Dinitro-2-methylphenol

Concen: 3.256 ng

RT: 10.486 min Scan# 1427

Delta R.T. 0.006 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

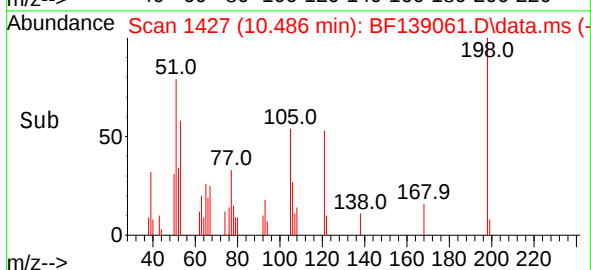
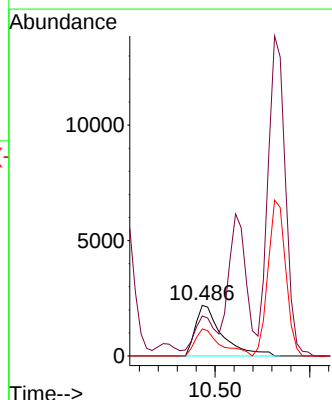
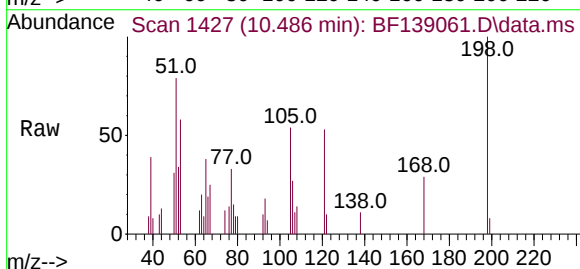
Tgt Ion:198 Resp: 4266

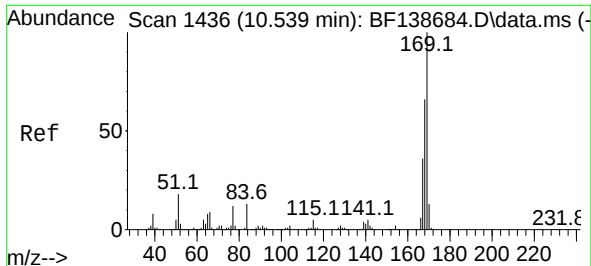
Ion Ratio Lower Upper

198 100

51 79.1 39.9 79.9

105 53.6 26.1 66.1





#66

n-Nitrosodiphenylamine

Concen: 5.193 ng

RT: 10.522 min Scan# 1433

Delta R.T. -0.018 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

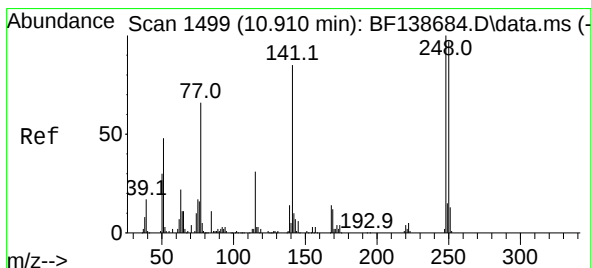
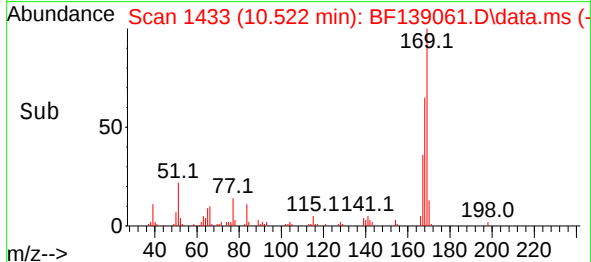
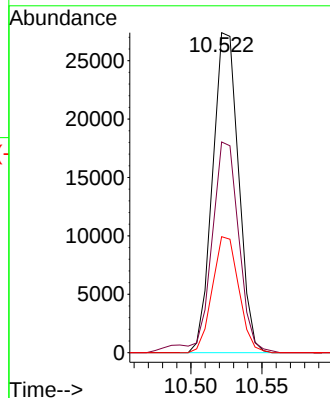
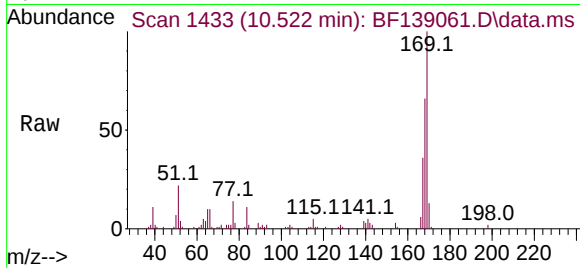
Tgt Ion:169 Resp: 34861

Ion Ratio Lower Upper

169 100

168 65.9 53.0 79.6

167 36.2 29.0 43.6



#67

4-Bromophenyl-phenylether

Concen: 5.128 ng

RT: 10.892 min Scan# 1496

Delta R.T. -0.018 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

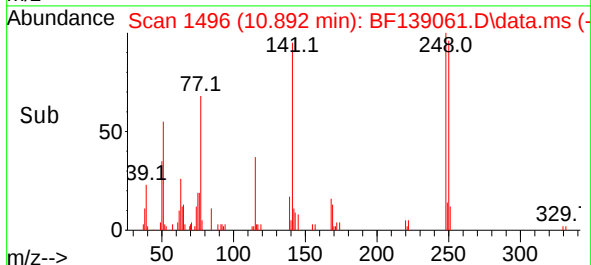
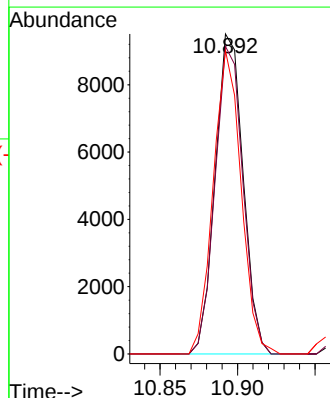
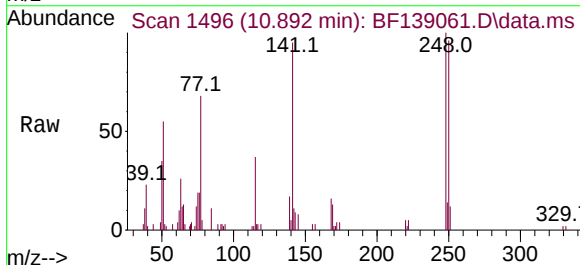
Tgt Ion:248 Resp: 11924

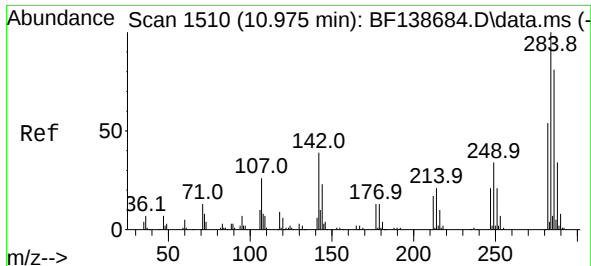
Ion Ratio Lower Upper

248 100

250 96.1 77.7 116.5

141 94.8 68.0 102.0

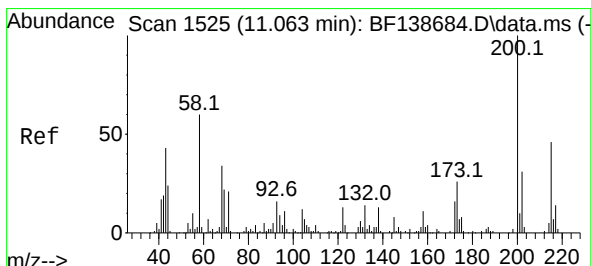
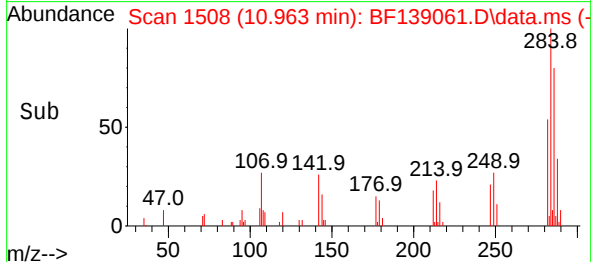
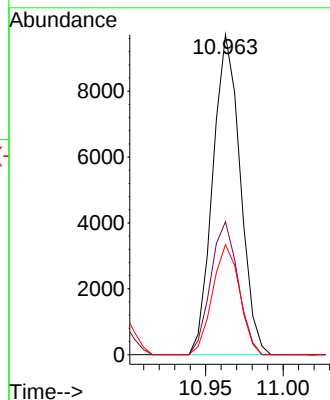
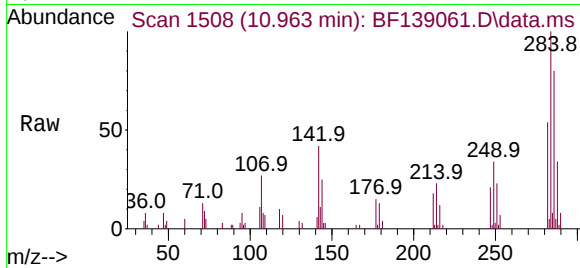




#68
Hexachlorobenzene
Concen: 4.967 ng
RT: 10.963 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

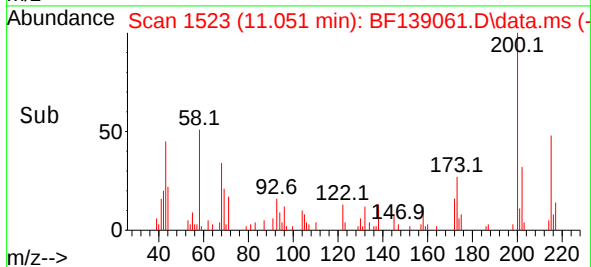
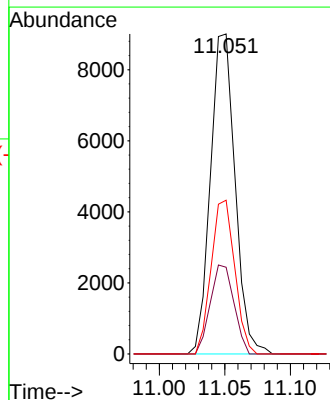
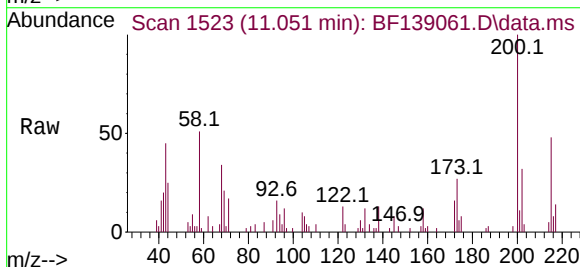
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

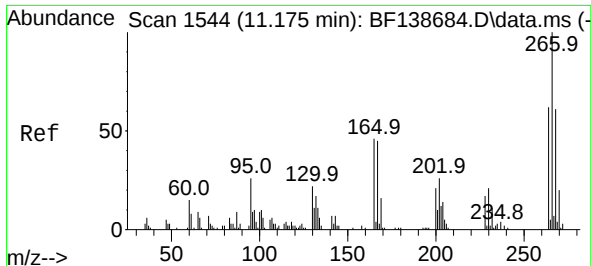
Tgt Ion:284 Resp: 11924
Ion Ratio Lower Upper
284 100
142 41.5 31.3 46.9
249 34.4 27.2 40.8



#69
Atrazine
Concen: 6.802 ng
RT: 11.051 min Scan# 1523
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion:200 Resp: 11781
Ion Ratio Lower Upper
200 100
173 27.1 6.0 46.0
215 48.1 26.1 66.1





#70

Pentachlorophenol

Concen: 0.673 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.017 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

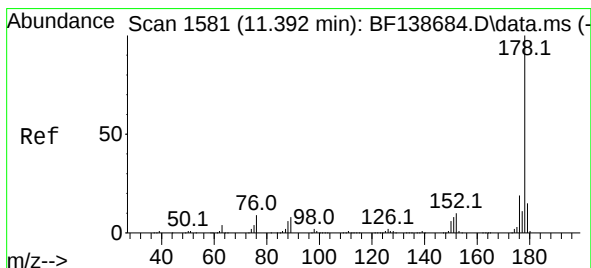
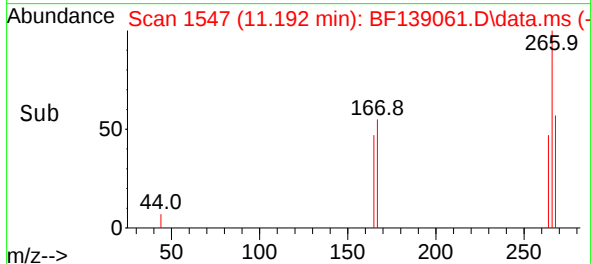
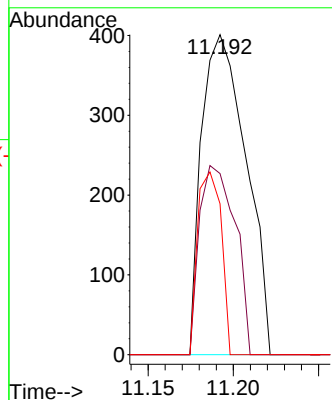
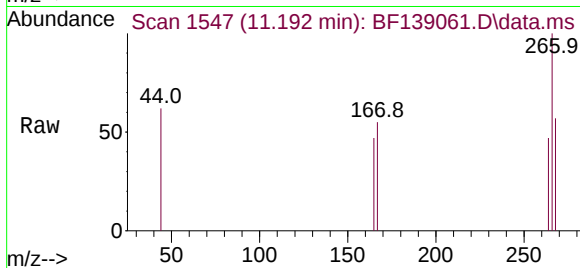
Tgt Ion:266 Resp: 728

Ion Ratio Lower Upper

266 100

268 56.6 49.2 73.8

264 47.1 49.8 74.6#



#71

Phenanthrene

Concen: 5.448 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

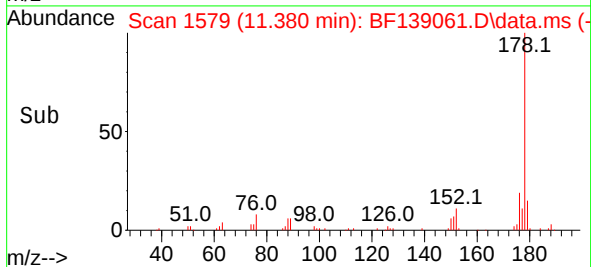
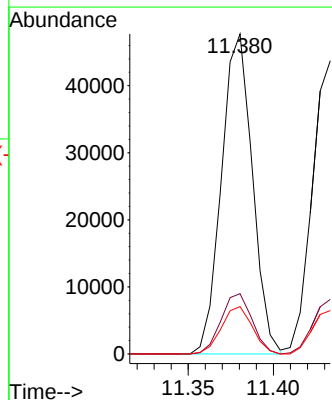
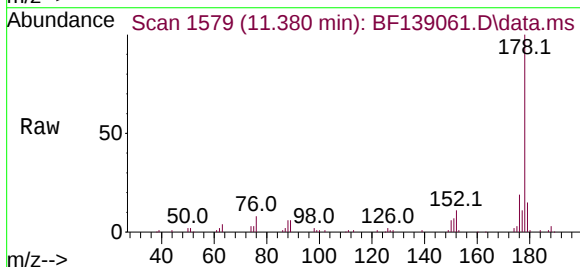
Tgt Ion:178 Resp: 60243

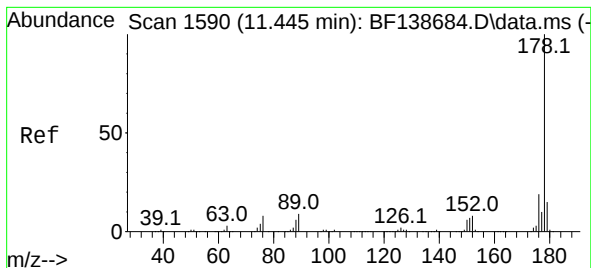
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 14.8 12.2 18.2





#72

Anthracene

Concen: 5.245 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

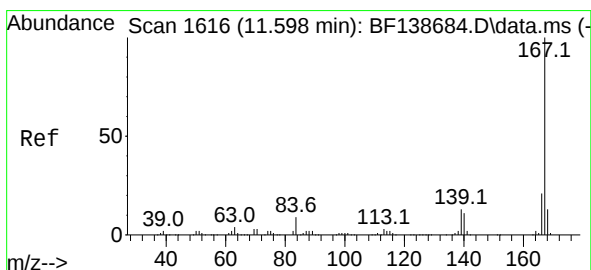
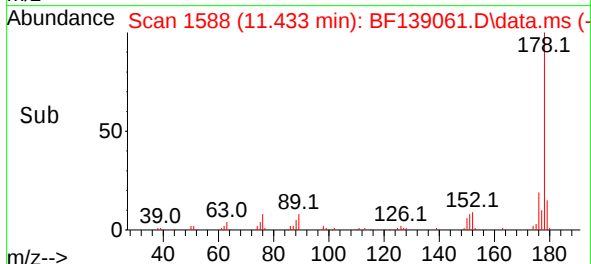
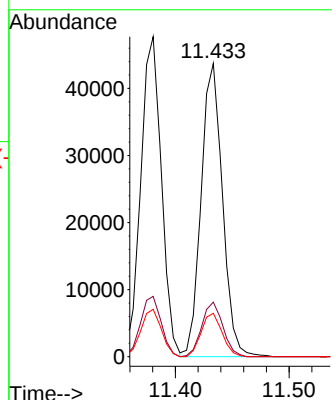
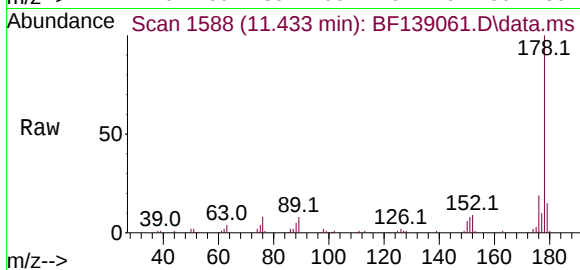
Tgt Ion:178 Resp: 57141

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 14.8 12.4 18.6



#73

Carbazole

Concen: 5.072 ng

RT: 11.592 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

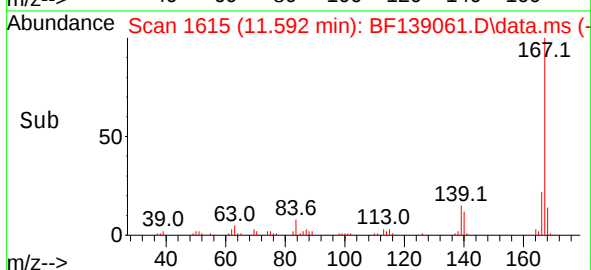
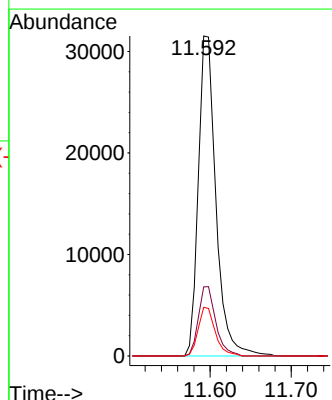
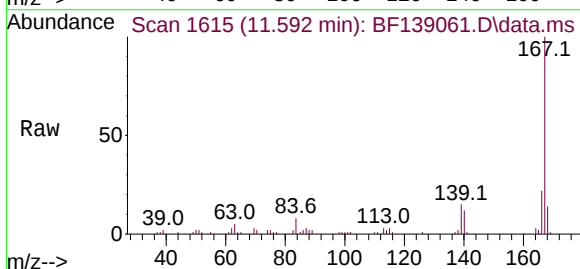
Tgt Ion:167 Resp: 47674

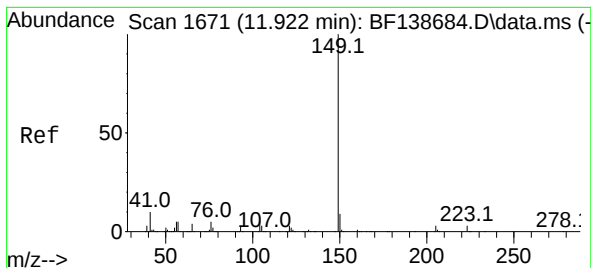
Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 15.2 10.6 16.0





#74

Di-n-butylphthalate

Concen: 5.987 ng

RT: 11.910 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

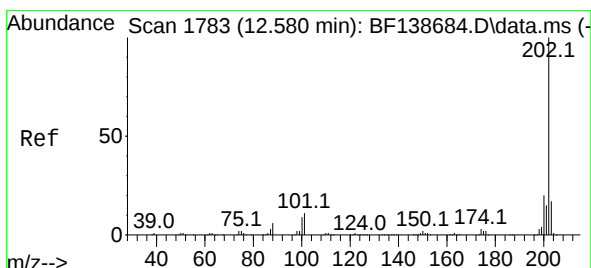
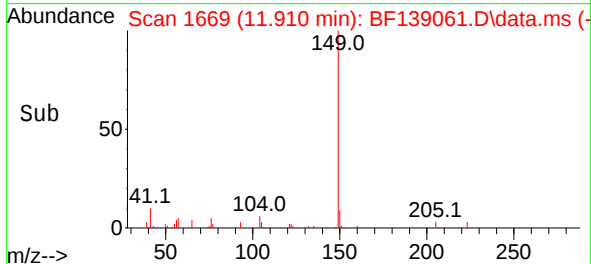
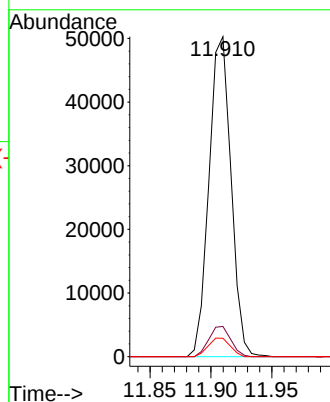
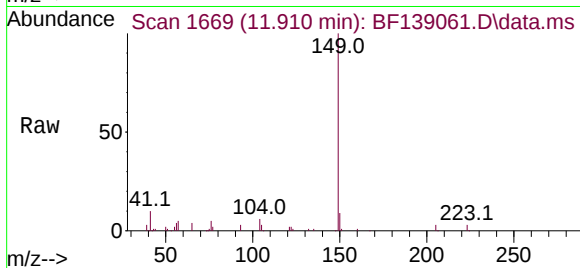
Tgt Ion:149 Resp: 63261

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.8 4.1 6.1



#75

Fluoranthene

Concen: 5.486 ng

RT: 12.569 min Scan# 1781

Delta R.T. -0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

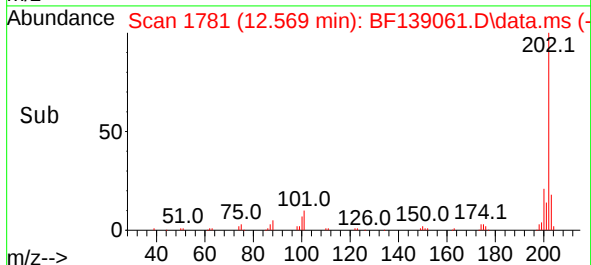
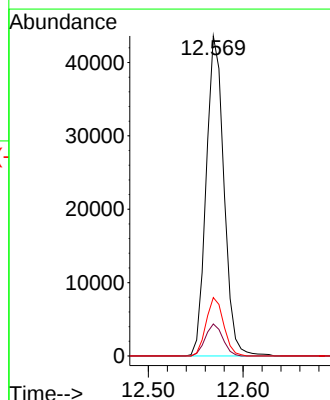
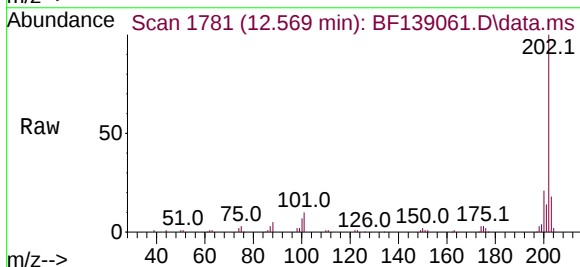
Tgt Ion:202 Resp: 56635

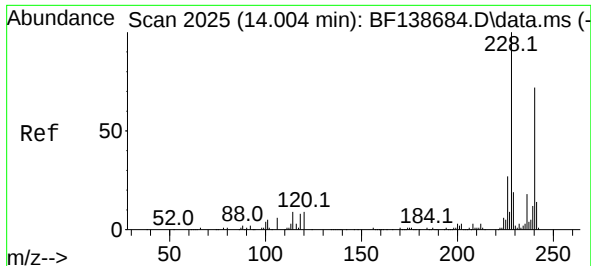
Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.2

203 18.3 0.0 37.3

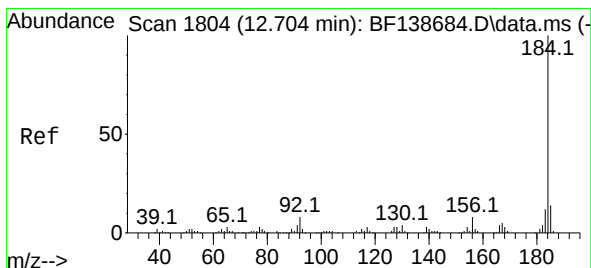
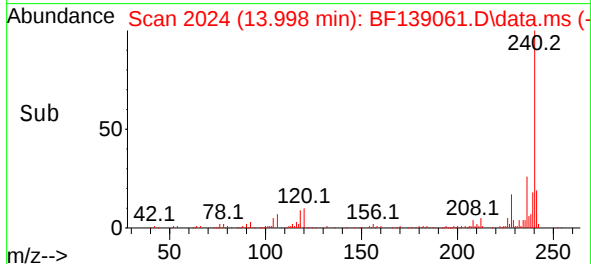
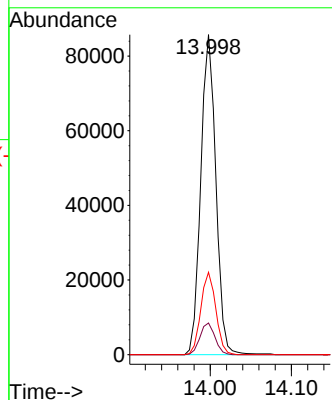
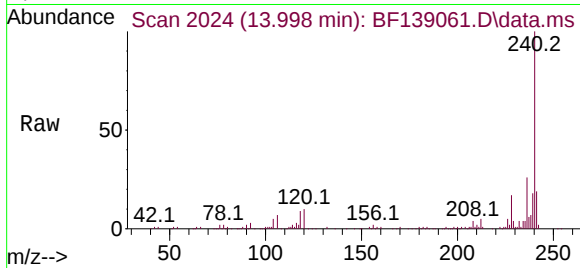




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

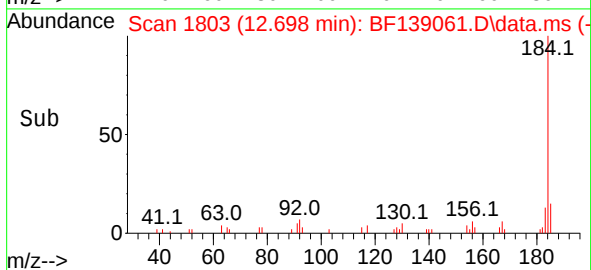
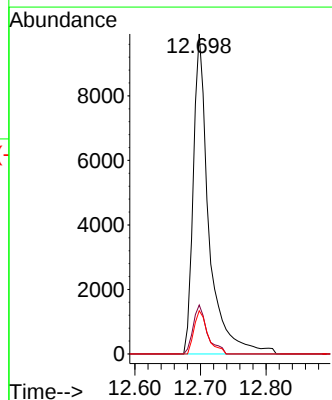
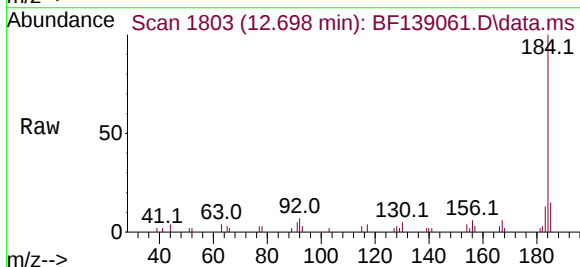
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

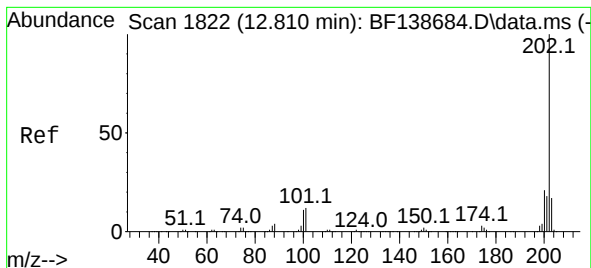
Tgt Ion:240 Resp: 110721
Ion Ratio Lower Upper
240 100
120 9.9 10.2 15.4#
236 25.7 19.8 29.8



#77
Benzidine
Concen: 6.196 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

Tgt Ion:184 Resp: 16409
Ion Ratio Lower Upper
184 100
185 15.3 11.1 16.7
183 13.5 9.6 14.4





#78

Pyrene

Concen: 5.619 ng

RT: 12.798 min Scan# 1820

Delta R.T. -0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

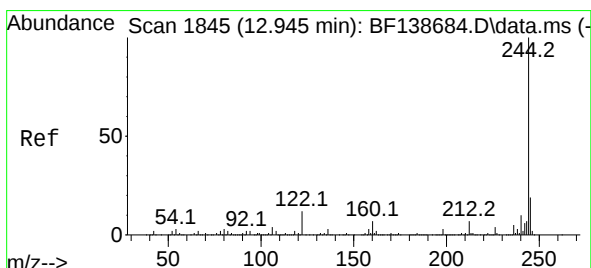
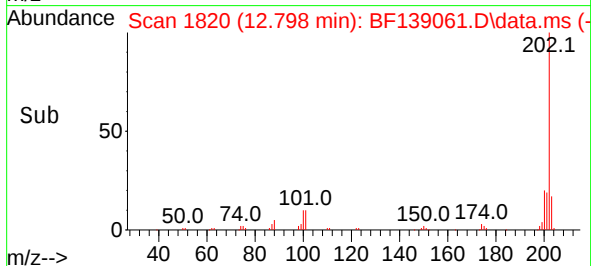
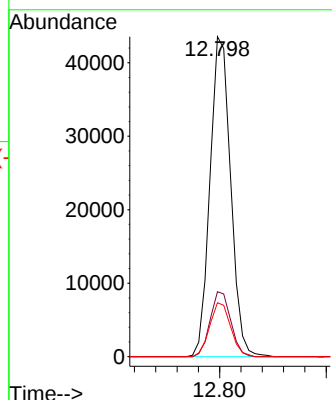
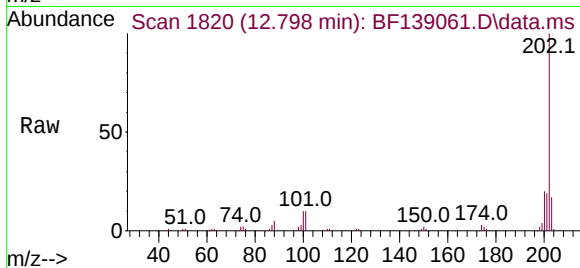
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:202	Resp:	58575
Ion Ratio	Lower	Upper
202	100	
200	20.3	16.8 25.2
203	16.9	13.8 20.6



#79

Terphenyl-d14

Concen: 107.895 ng

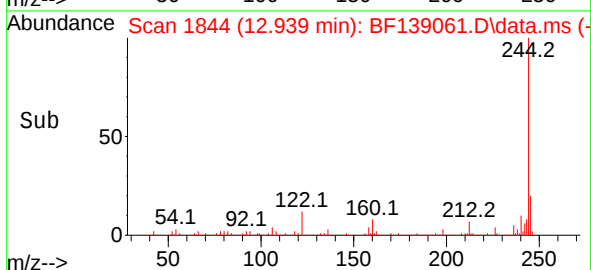
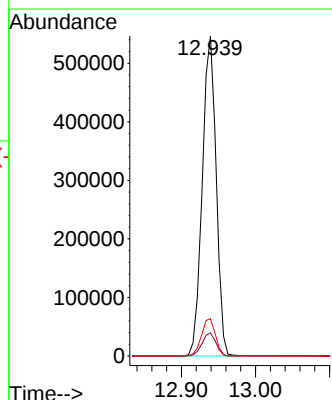
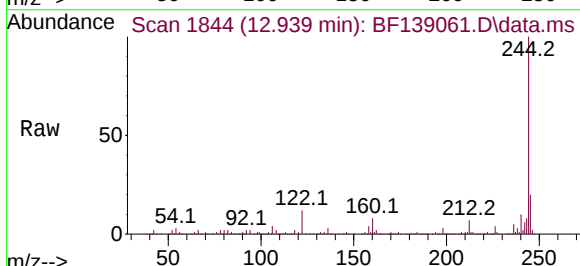
RT: 12.939 min Scan# 1844

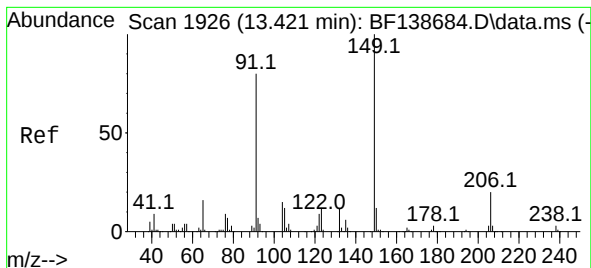
Delta R.T. -0.006 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Tgt Ion:244	Resp:	713520
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.4 8.2
122	11.6	9.6 14.4





#80

Butylbenzylphthalate

Concen: 5.972 ng

RT: 13.404 min Scan# 1926

Delta R.T. -0.018 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

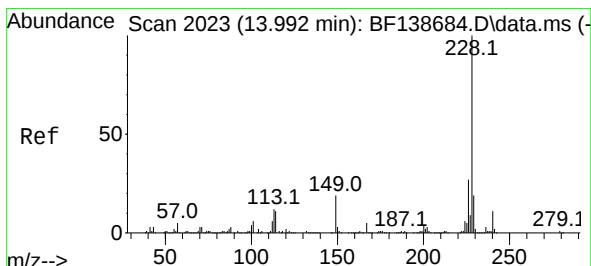
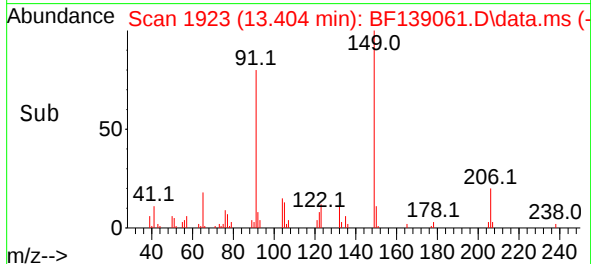
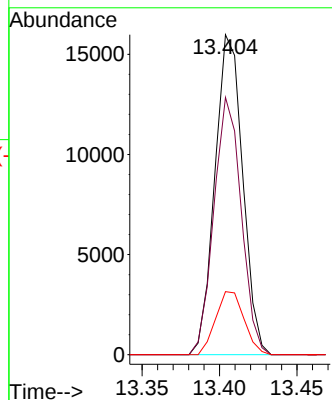
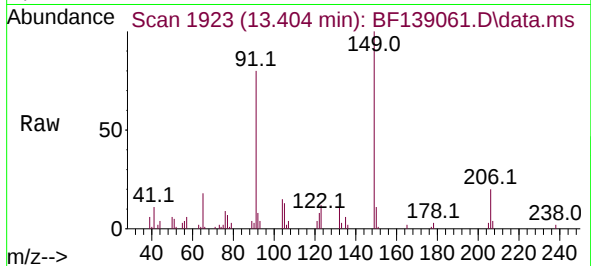
Tgt Ion:149 Resp: 19937

Ion Ratio Lower Upper

149 100

91 80.4 63.7 95.5

206 19.7 16.2 24.2



#81

Benzo(a)anthracene

Concen: 5.228 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

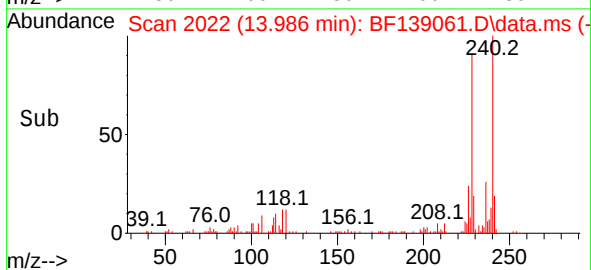
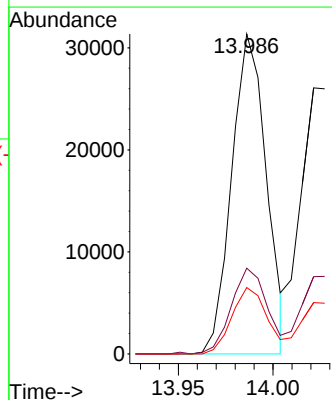
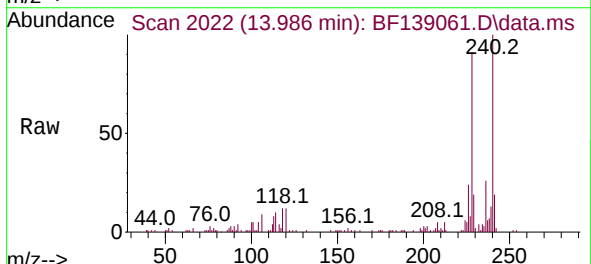
Tgt Ion:228 Resp: 39857

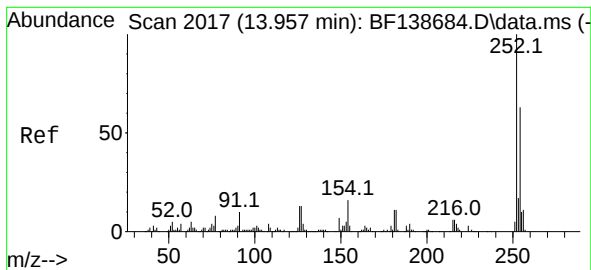
Ion Ratio Lower Upper

228 100

226 26.8 22.1 33.1

229 20.8 15.4 23.0





#82

3,3'-Dichlorobenzidine

Concen: 5.743 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

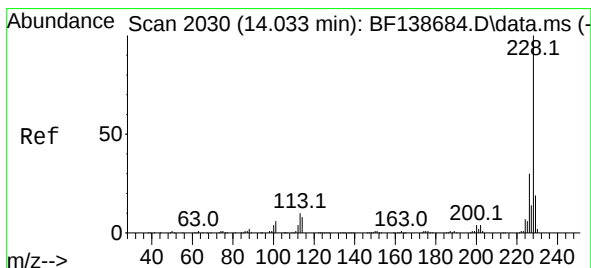
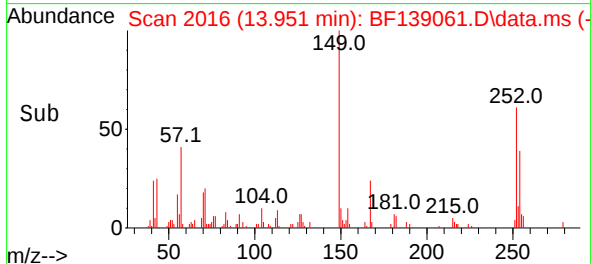
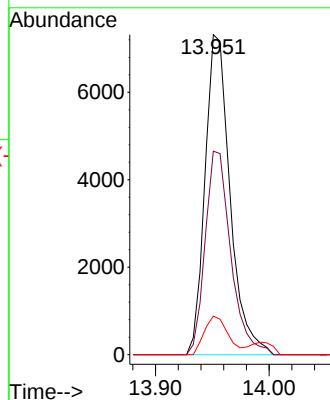
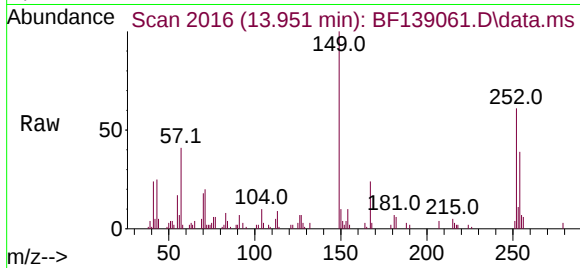
Tgt Ion:252 Resp: 11206

Ion Ratio Lower Upper

252 100

254 63.6 50.8 76.2

126 12.0 10.2 15.2



#83

Chrysene

Concen: 5.355 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

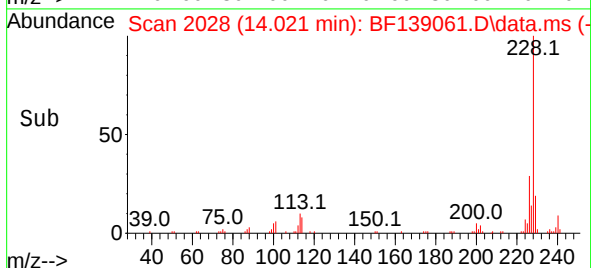
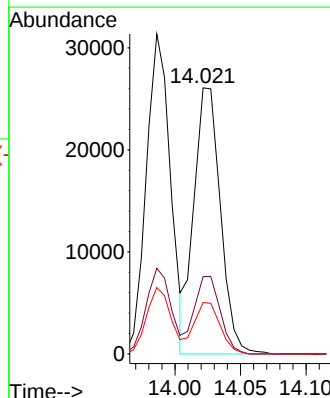
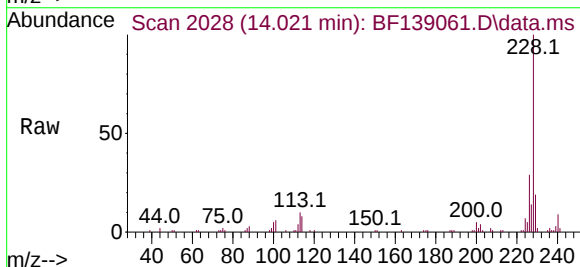
Tgt Ion:228 Resp: 36839

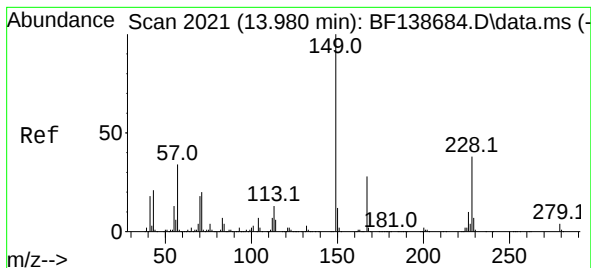
Ion Ratio Lower Upper

228 100

226 29.1 23.7 35.5

229 19.3 15.0 22.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.667 ng

RT: 13.957 min Scan# 2021

Delta R.T. -0.024 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

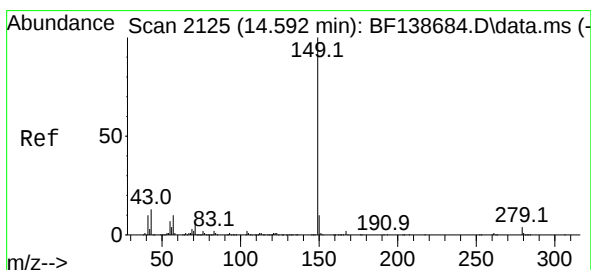
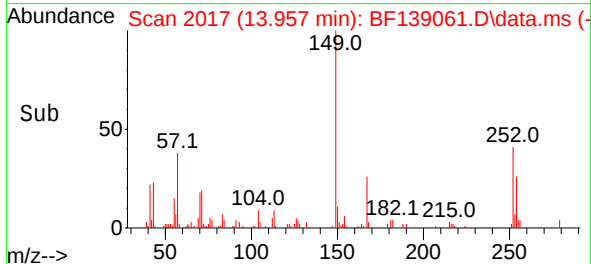
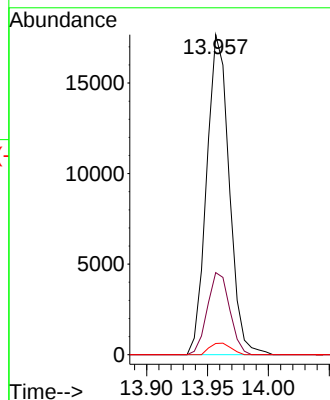
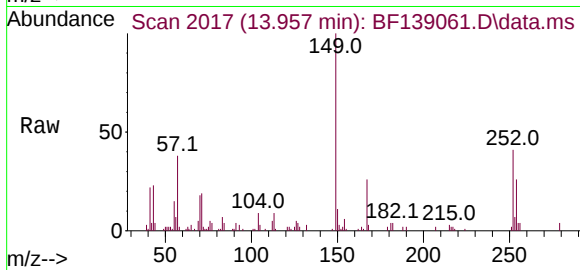
Tgt Ion:149 Resp: 22814

Ion Ratio Lower Upper

149 100

167 25.6 22.2 33.4

279 3.5 3.4 5.0



#85

Di-n-octyl phthalate

Concen: 3.367 ng

RT: 14.568 min Scan# 2121

Delta R.T. -0.024 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

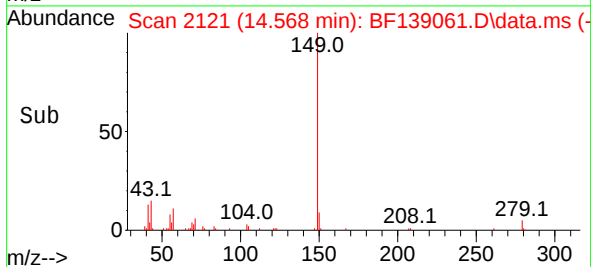
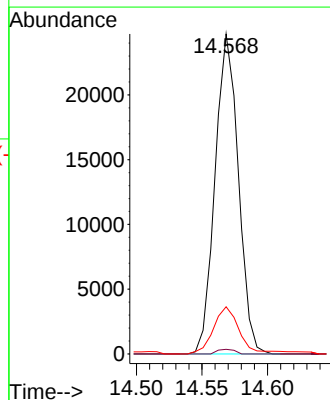
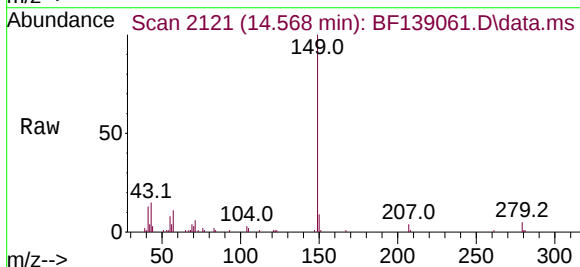
Tgt Ion:149 Resp: 30453

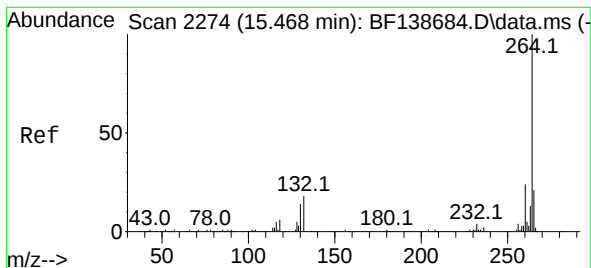
Ion Ratio Lower Upper

149 100

167 1.1 1.4 2.0#

43 17.3 10.4 15.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

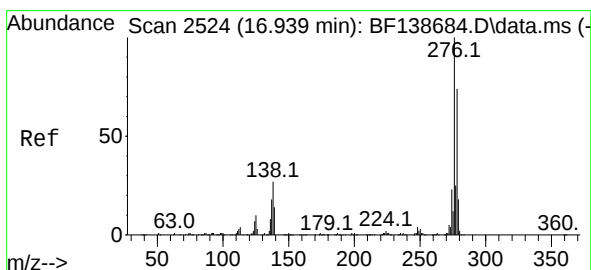
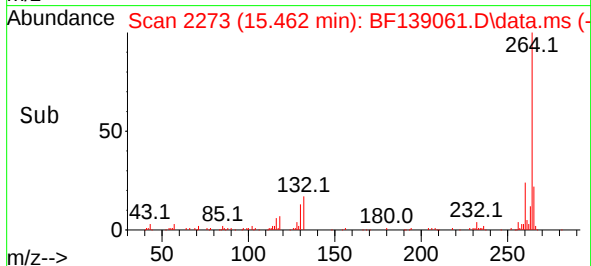
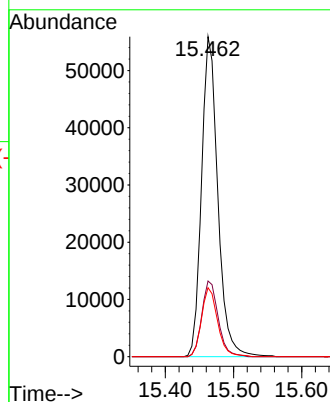
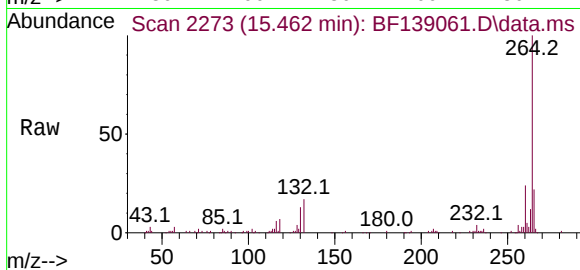
Tgt Ion:264 Resp: 92849

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.5 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.338 ng

RT: 16.951 min Scan# 2526

Delta R.T. 0.012 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

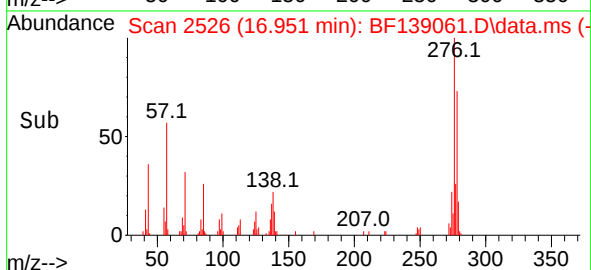
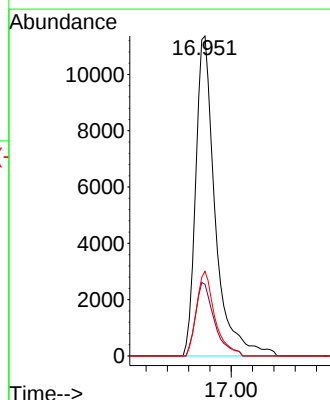
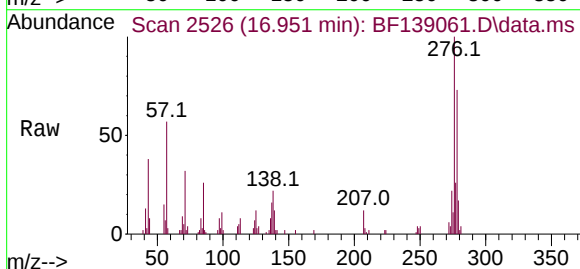
Tgt Ion:276 Resp: 28867

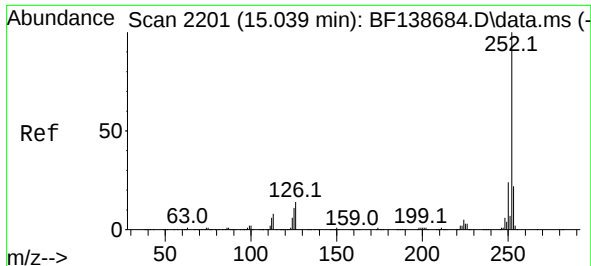
Ion Ratio Lower Upper

276 100

138 22.1 21.8 32.8

277 24.9 20.6 30.8





#88

Benzo(b)fluoranthene

Concen: 4.884 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF139061.D

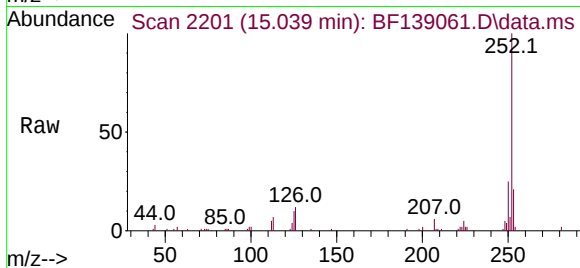
Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



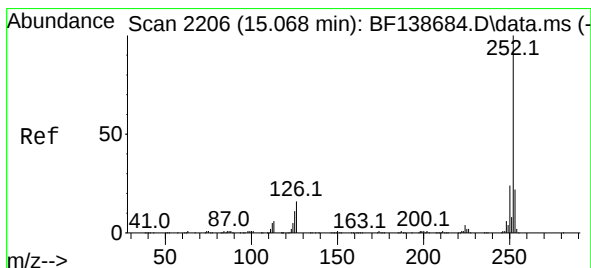
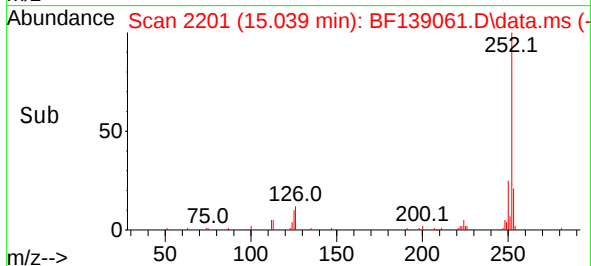
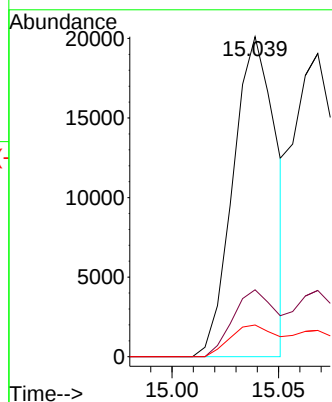
Tgt Ion:252 Resp: 28110

Ion Ratio Lower Upper

252 100

253 20.9 17.5 26.3

125 9.9 8.9 13.3



#89

Benzo(k)fluoranthene

Concen: 4.986 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

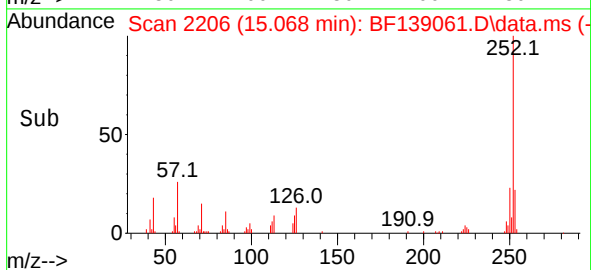
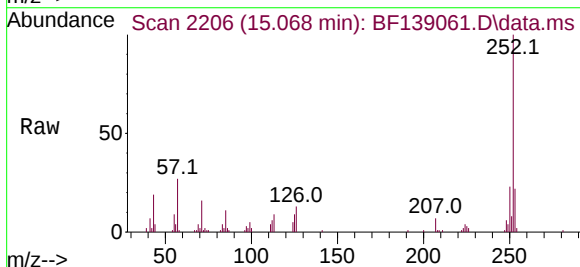
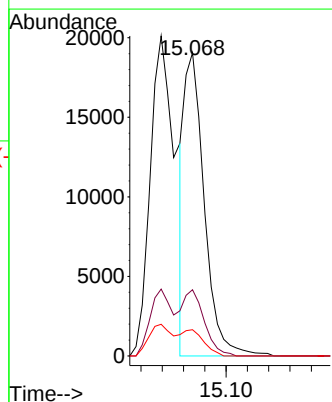
Tgt Ion:252 Resp: 24846

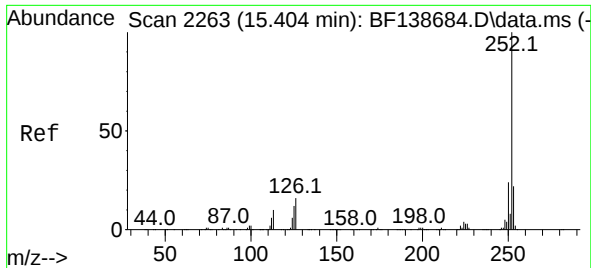
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.6 8.6 13.0





#90

Benzo(a)pyrene

Concen: 5.208 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

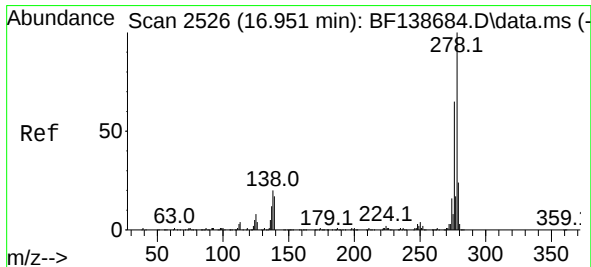
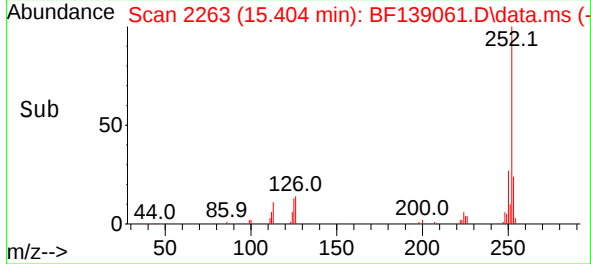
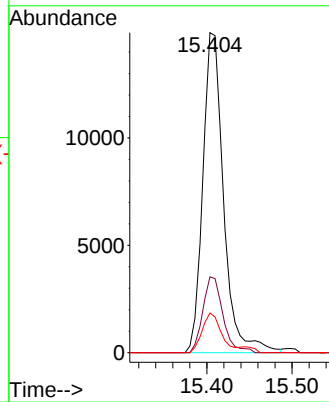
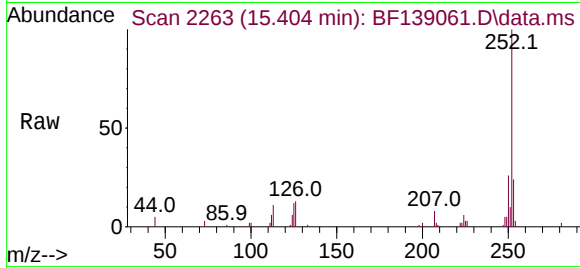
Tgt Ion:252 Resp: 25212

Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

125 12.4 9.5 14.3



#91

Dibenzo(a,h)anthracene

Concen: 4.161 ng

RT: 16.951 min Scan# 2526

Delta R.T. -0.000 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

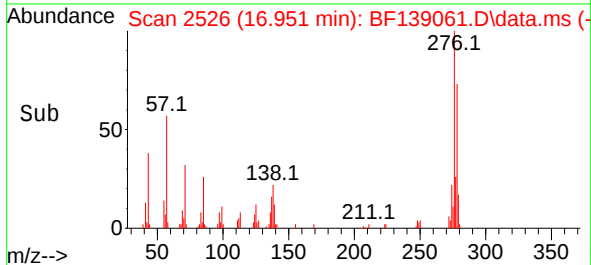
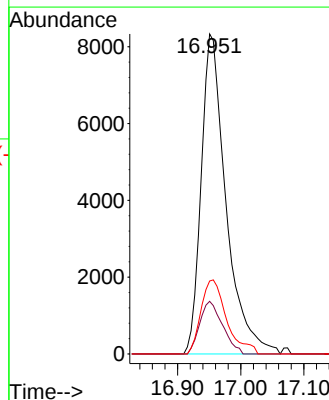
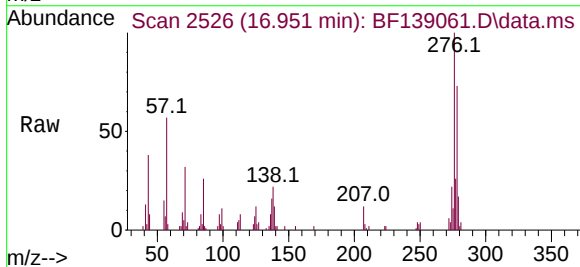
Tgt Ion:278 Resp: 22729

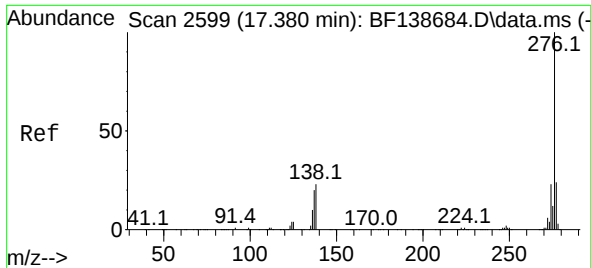
Ion Ratio Lower Upper

278 100

139 16.4 14.0 21.0

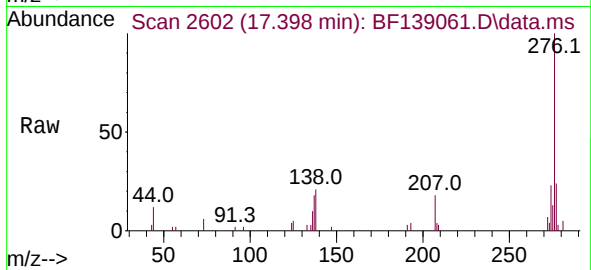
279 22.8 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 3.913 ng
 RT: 17.398 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BF139061.D
 Acq: 16 Aug 2024 17:04

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



Tgt Ion:	276	Resp:	22179
Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	21.5	18.5	27.7

