

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	15367m	4.765	ng	
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	3004m	1.873	ng	
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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 Response via : Initial Calibration

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
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	8518m	4.993	ng	
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

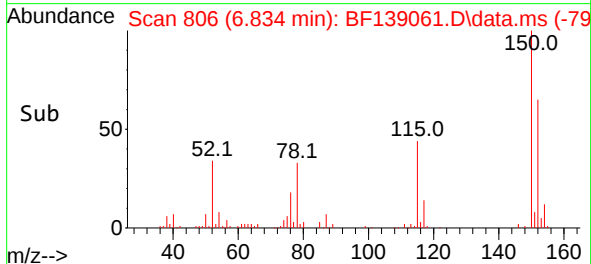
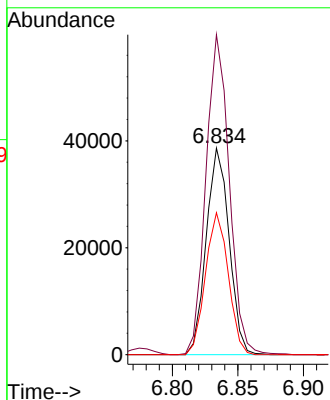
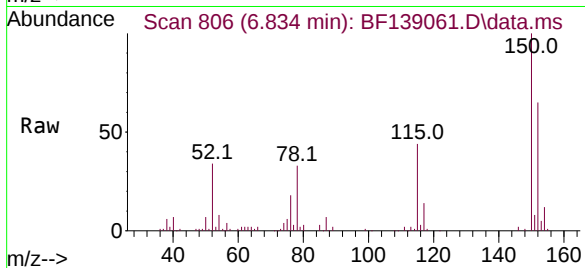
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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

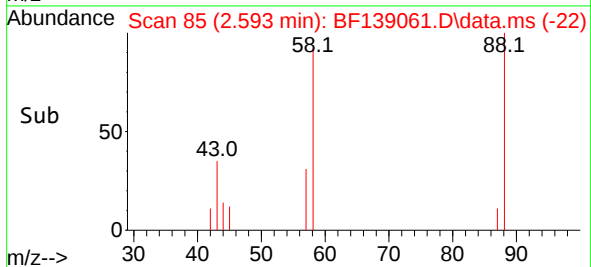
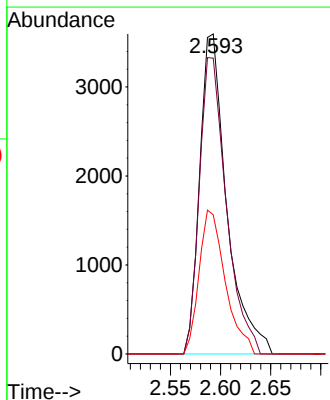
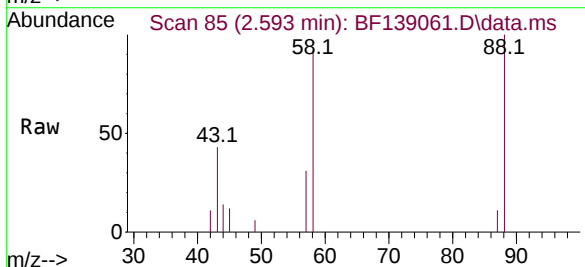
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

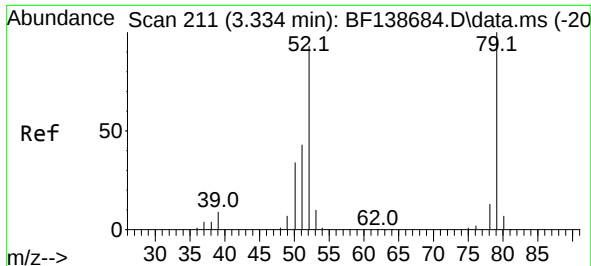
Tgt Ion:152 Resp: 46938
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.0 189.0
 115 68.7 51.7 77.5



#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#

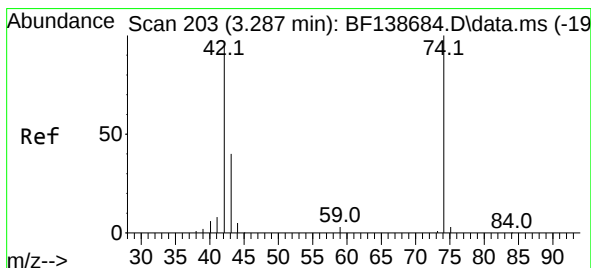
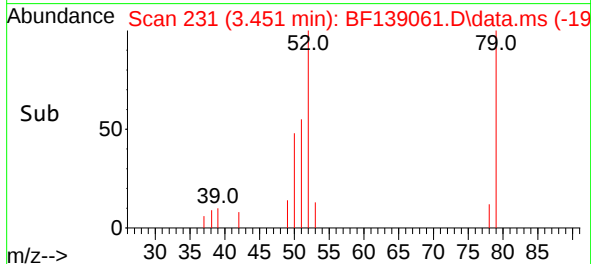
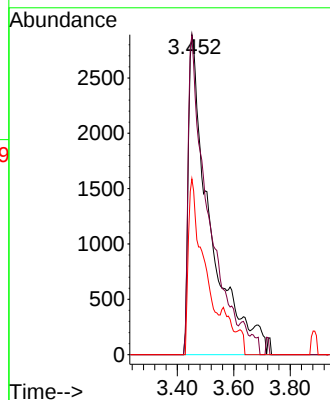
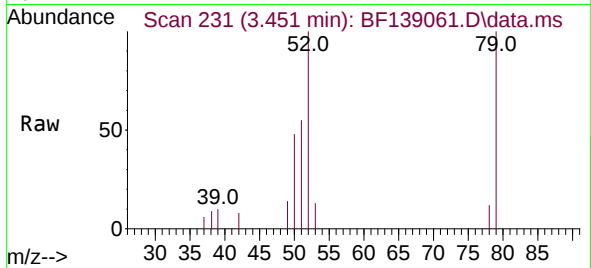




#3
Pyridine
Concen: 4.765 ng m
RT: 3.451 min Scan# 211
Delta R.T. 0.118 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

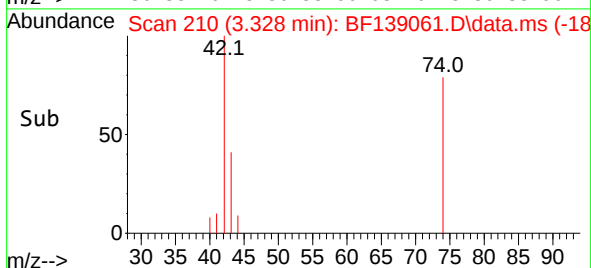
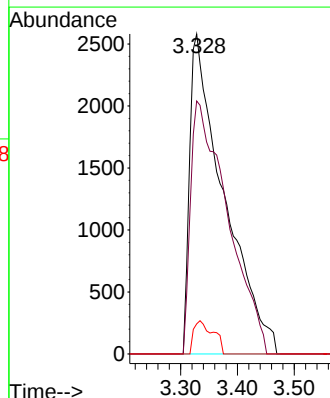
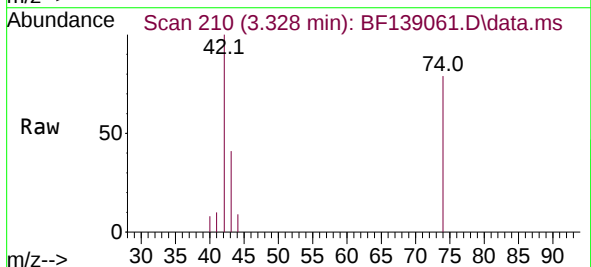
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion: 79 Resp: 15367
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#

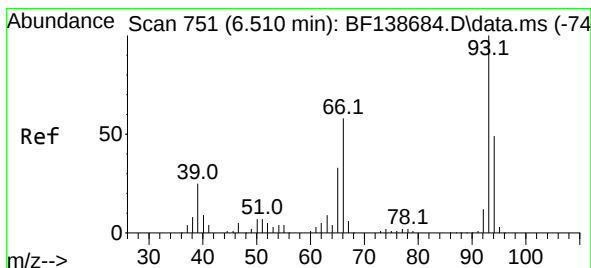
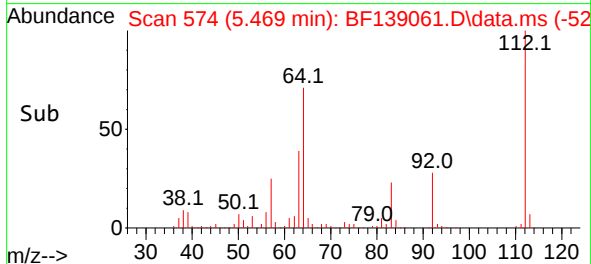
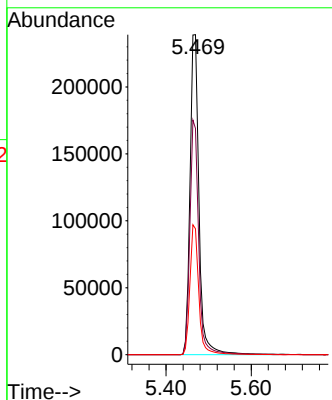
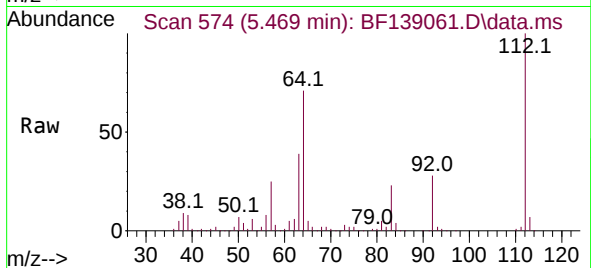




#5
2-Fluorophenol
Concen: 114.930 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

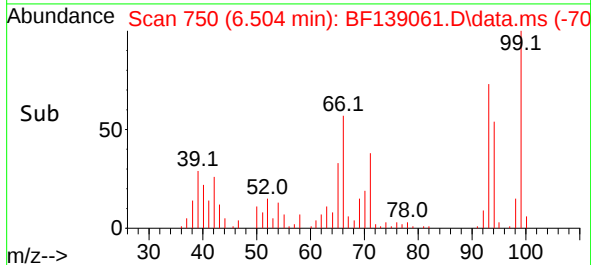
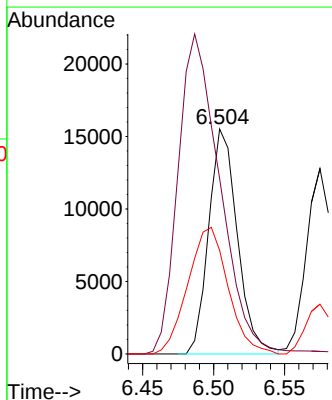
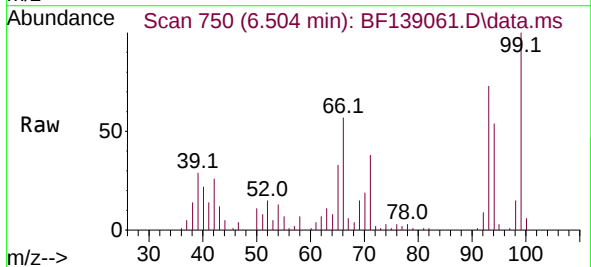
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

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# 74

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

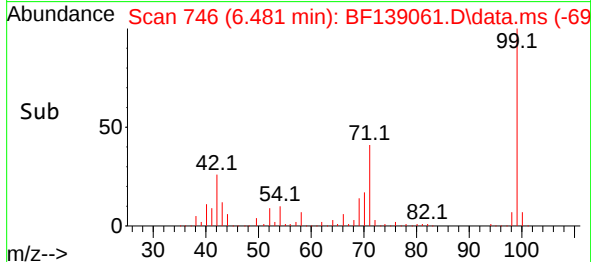
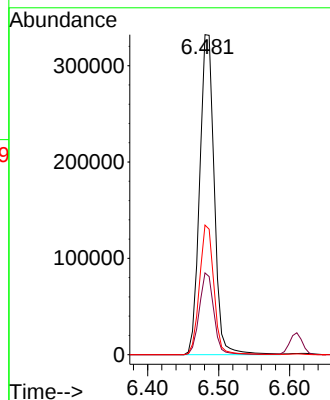
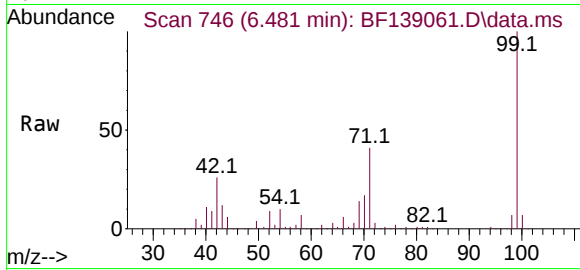
Tgt Ion: 99 Resp: 476266

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

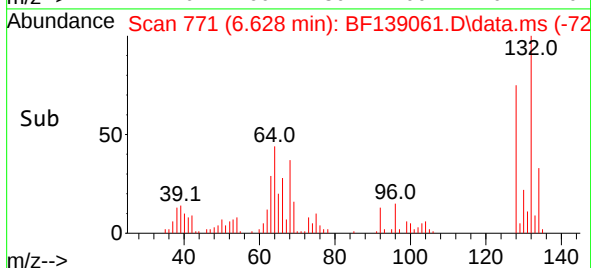
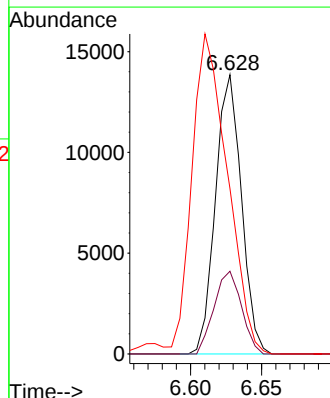
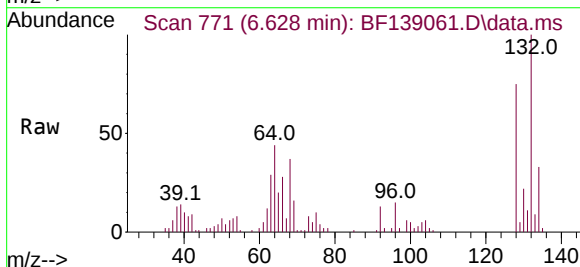
Tgt Ion:128 Resp: 17617

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# 71

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

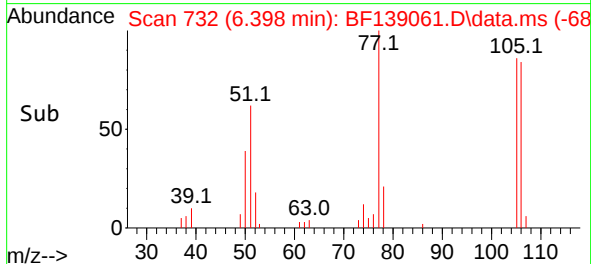
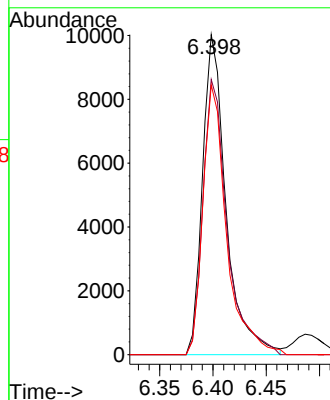
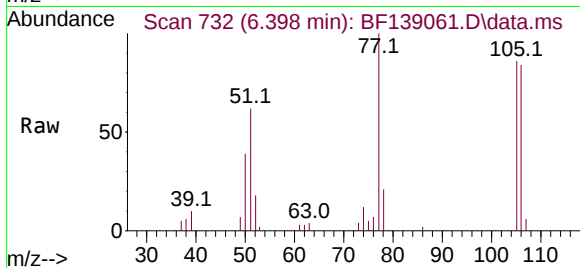
Tgt Ion: 77 Resp: 15430

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

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

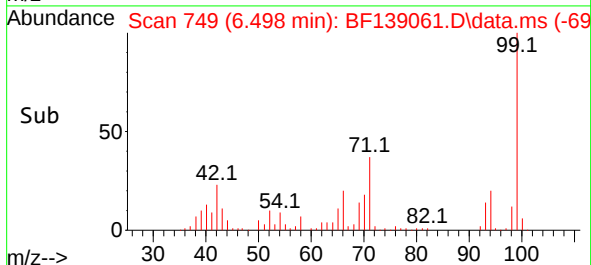
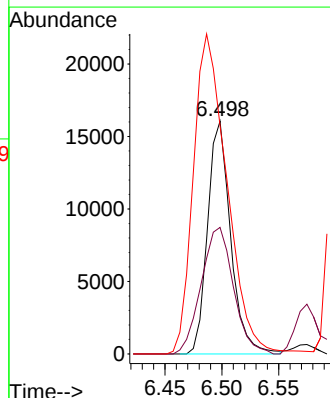
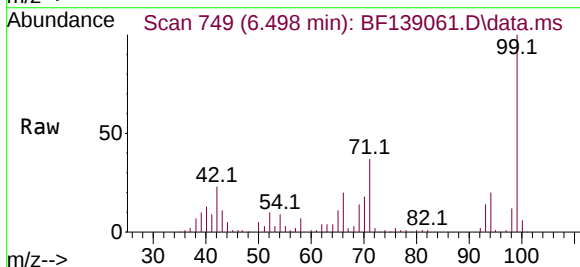
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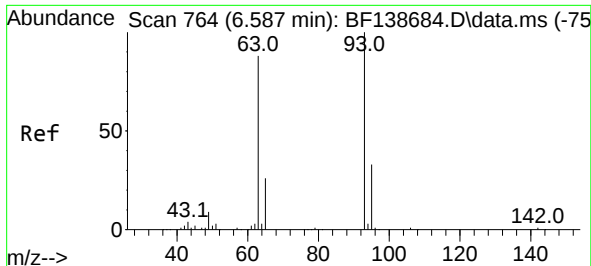
Ion Ratio Lower Upper

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

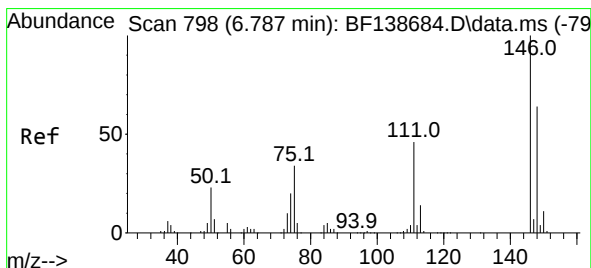
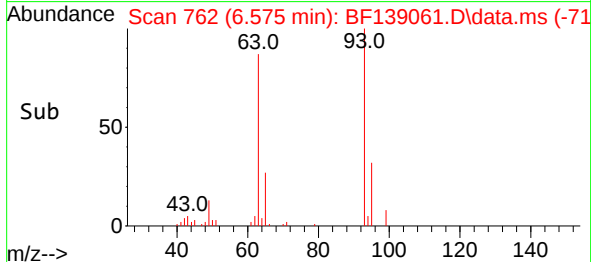
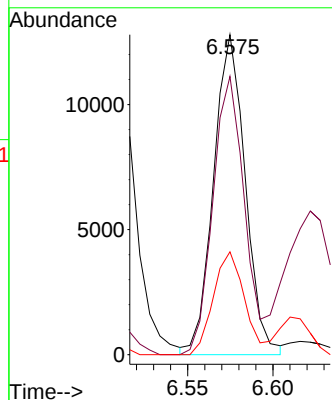
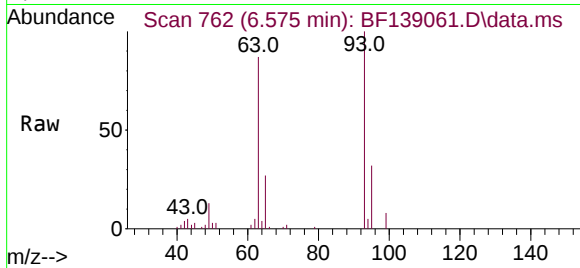
Tgt Ion: 93 Resp: 16537

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

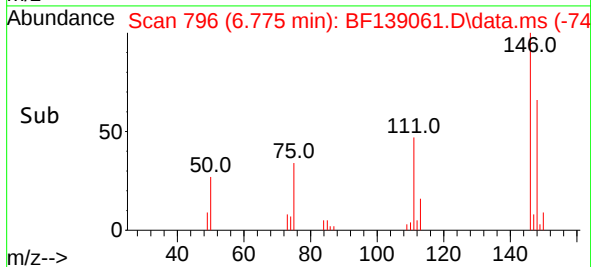
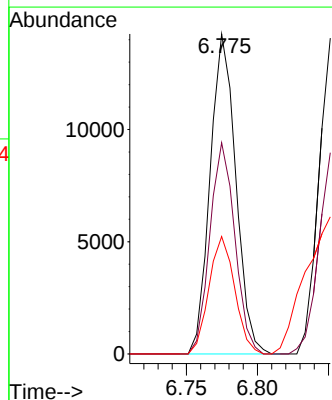
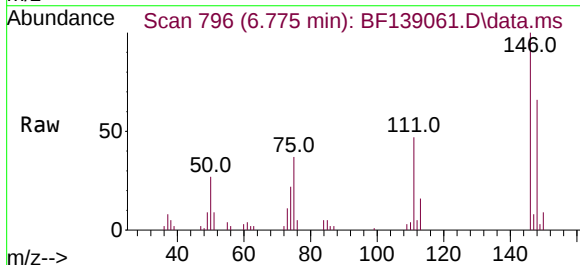
Tgt Ion: 146 Resp: 17912

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# 80

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

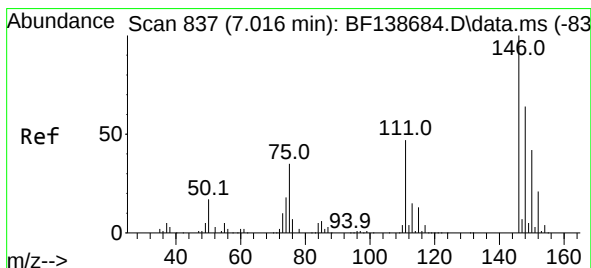
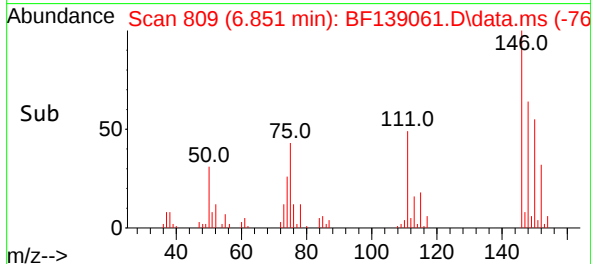
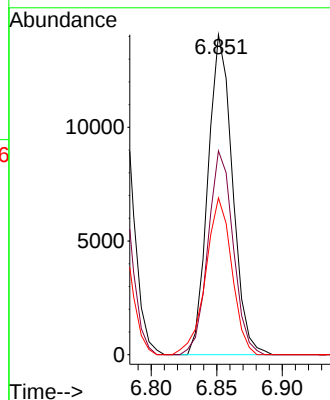
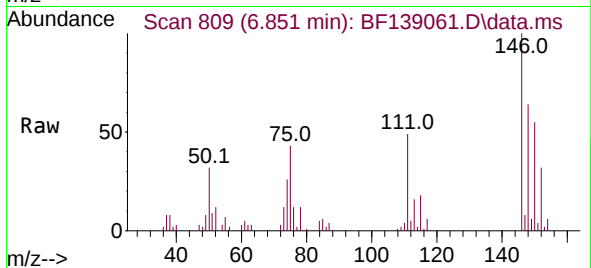
Tgt Ion:146 Resp: 18289

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

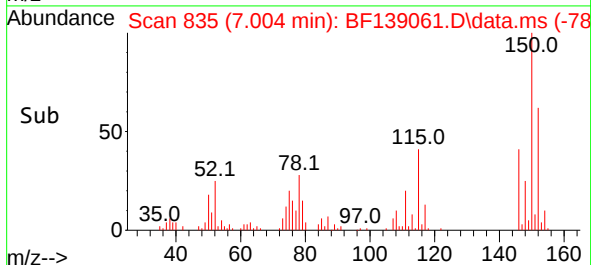
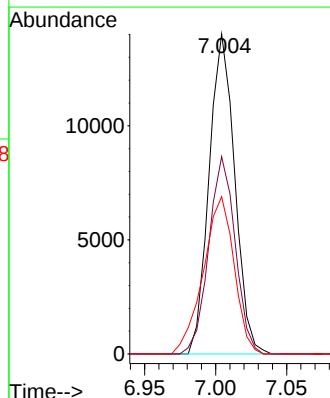
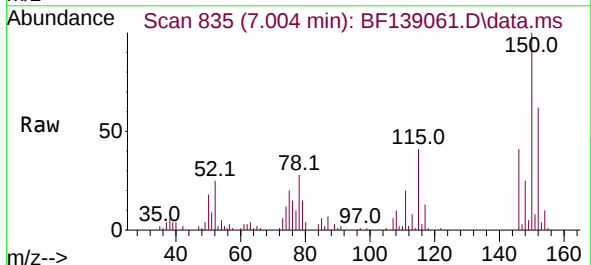
Tgt Ion:146 Resp: 17609

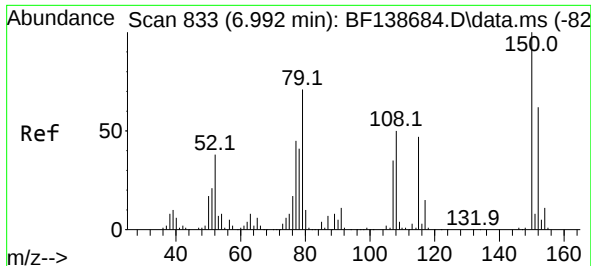
Ion Ratio Lower Upper

146 100

148 61.7 50.8 76.2

111 49.2 37.4 56.2

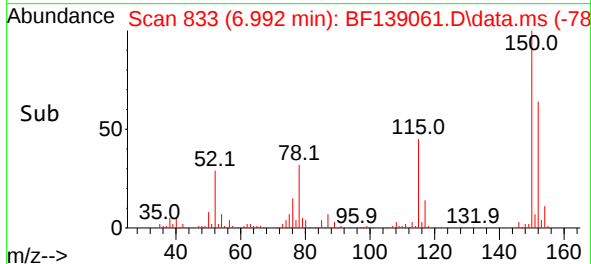
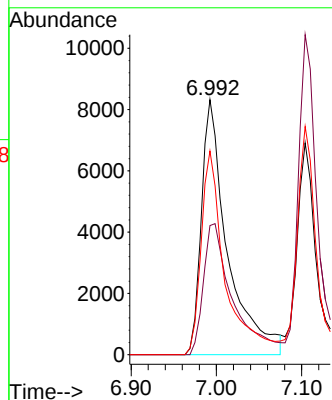
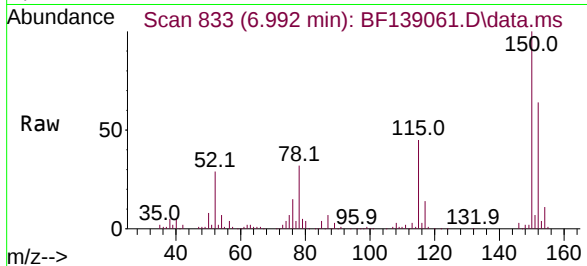




#15
Benzyl Alcohol
Concen: 6.013 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

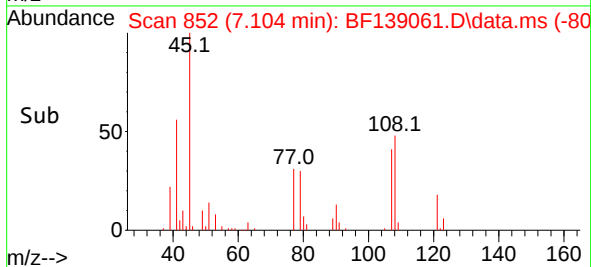
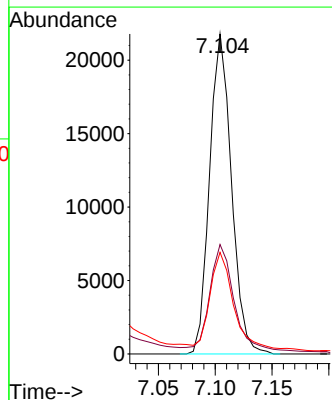
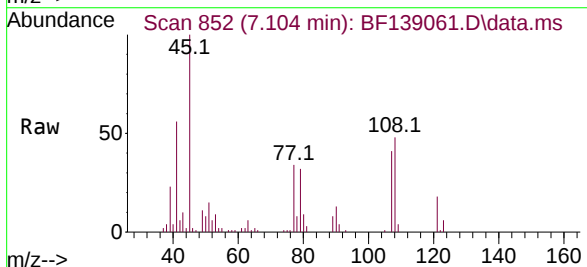
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

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

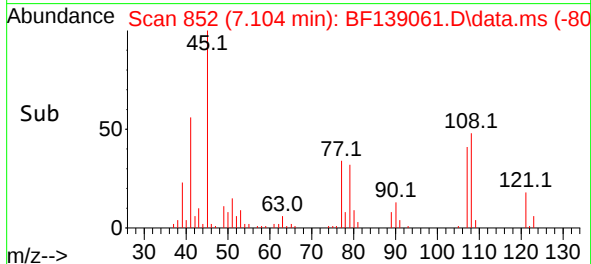
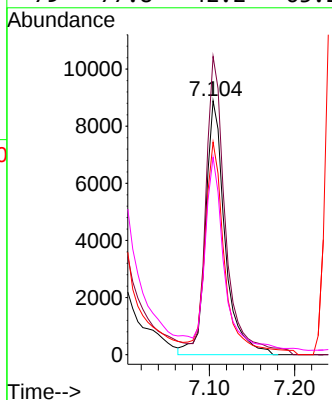
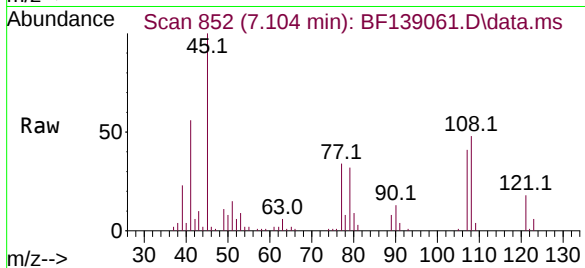




#17
2-Methylphenol
Concen: 5.343 ng
RT: 7.104 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

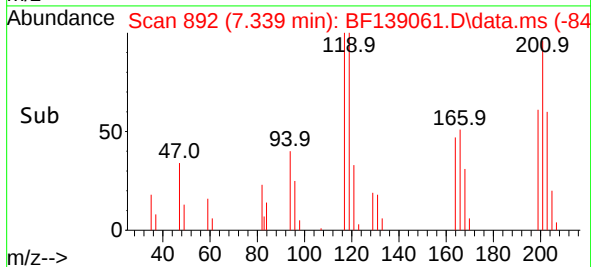
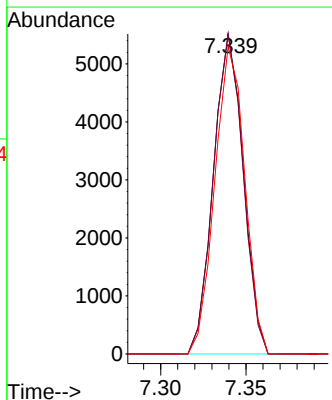
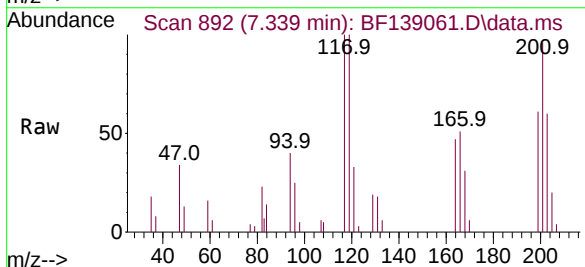
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

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

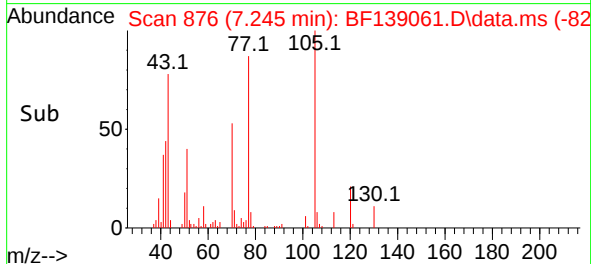
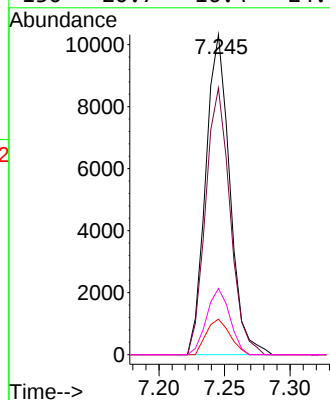
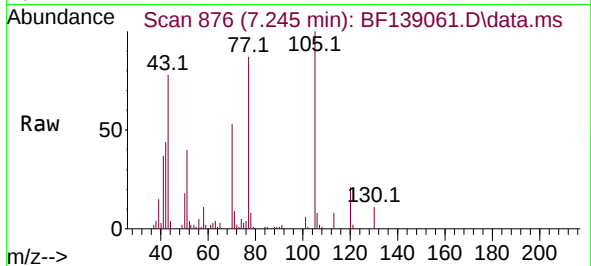




#19
n-Nitroso-di-n-propylamine
Concen: 5.363 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

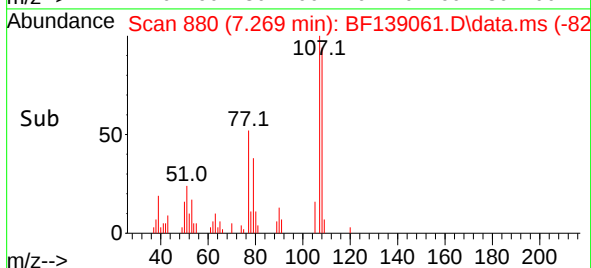
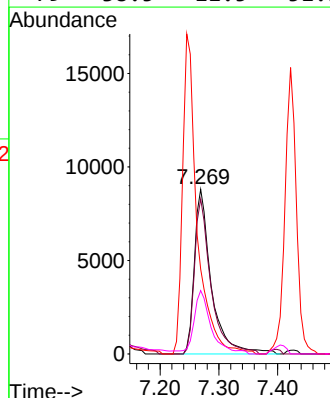
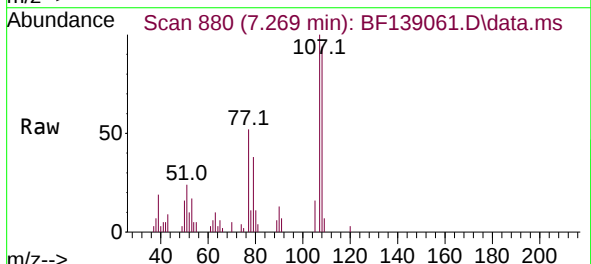
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

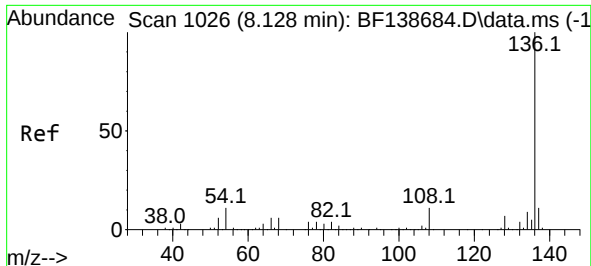
Tgt Ion:	70	Resp:	13224
Ion	Ratio	Lower	Upper
70	100		
42	83.4	57.4	86.0
101	11.1	7.5	11.3
130	20.7	16.4	24.6



#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

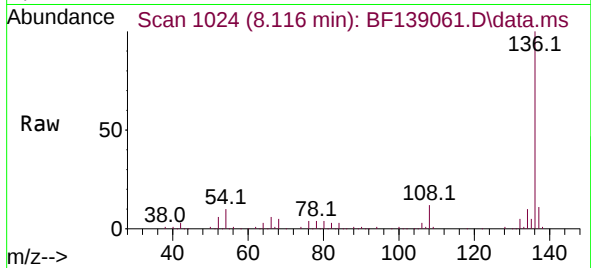
Tgt Ion:	107	Resp:	17714
Ion	Ratio	Lower	Upper
107	100		
108	94.2	68.2	108.2
77	51.6	132.1	172.1#
79	38.5	11.5	51.5



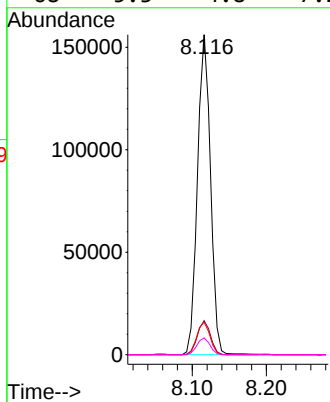
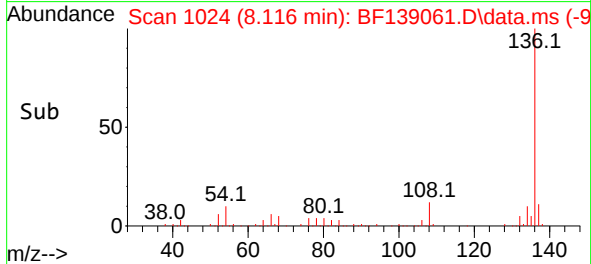


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

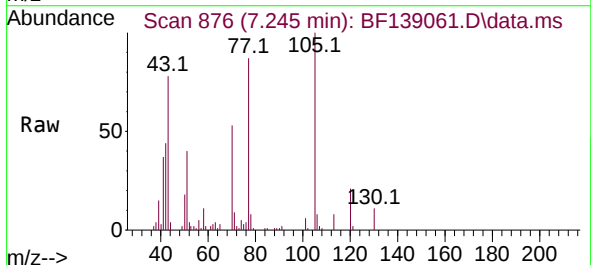
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024



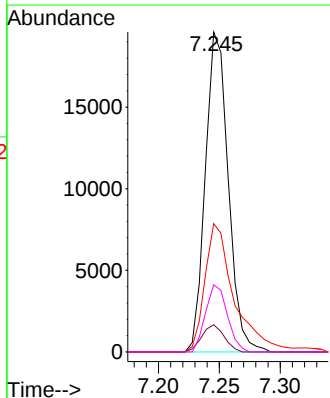
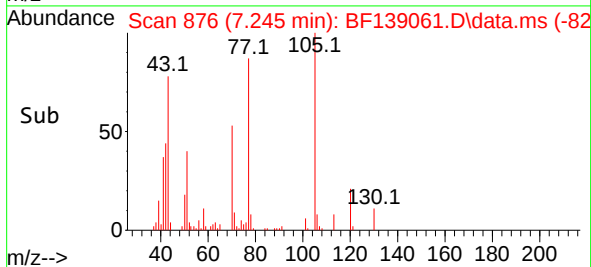
Tgt Ion:136 Resp: 190417
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.2 8.6 12.8
68 5.3 4.8 7.2



#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

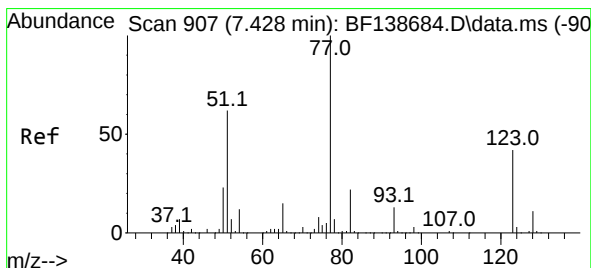
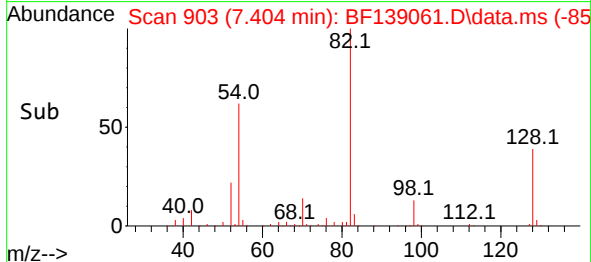
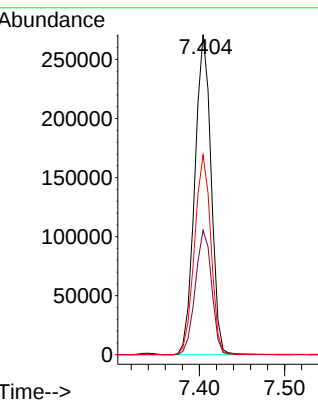
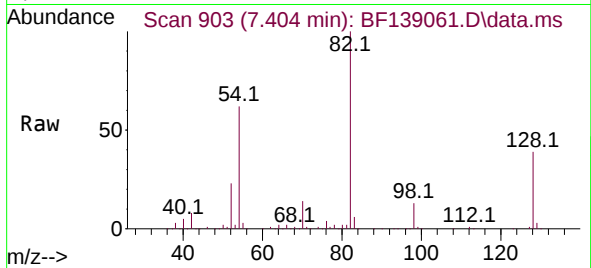
Tgt Ion: 82 Resp: 360423

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

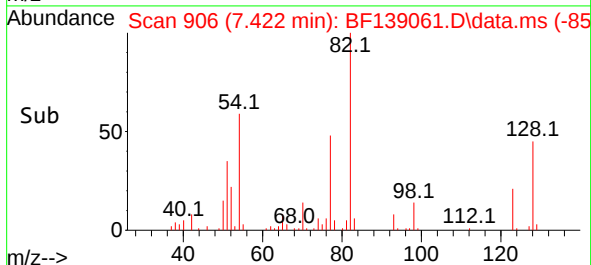
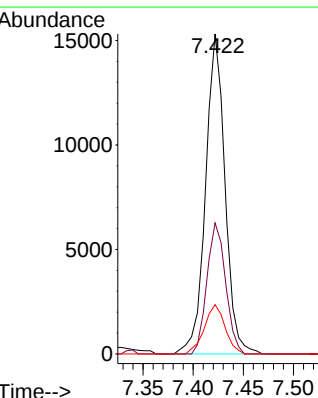
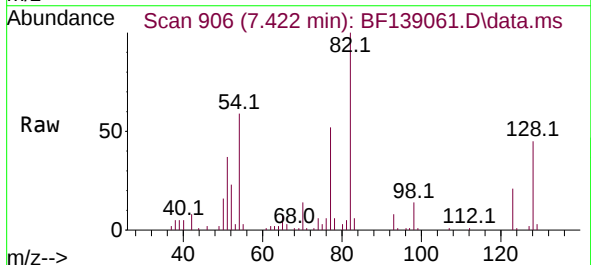
Tgt Ion: 77 Resp: 20645

Ion Ratio Lower Upper

77 100

123 41.0 33.3 49.9

65 15.4 11.9 17.9

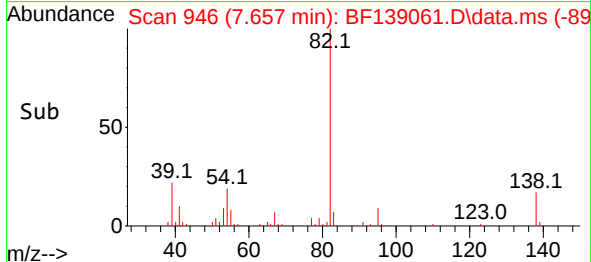
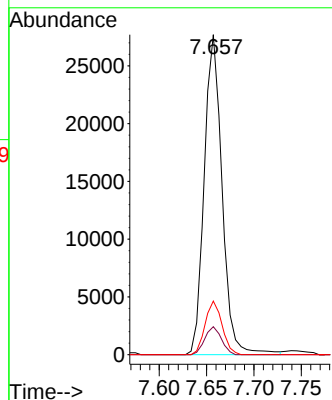
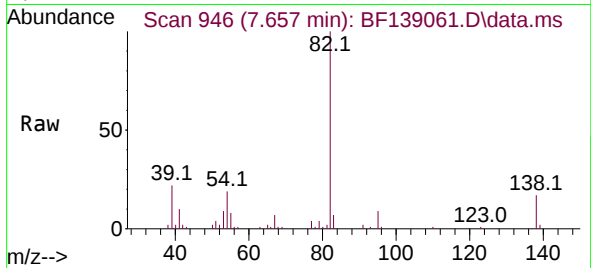




#25
Isophorone
Concen: 5.459 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

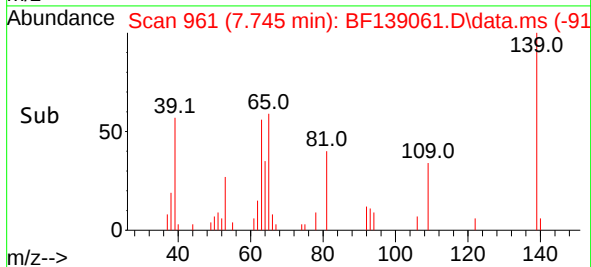
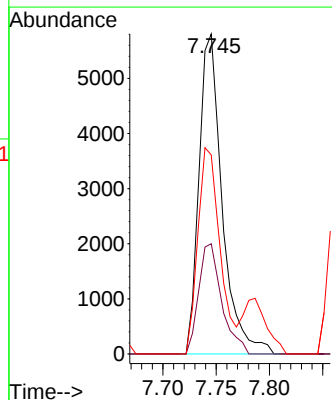
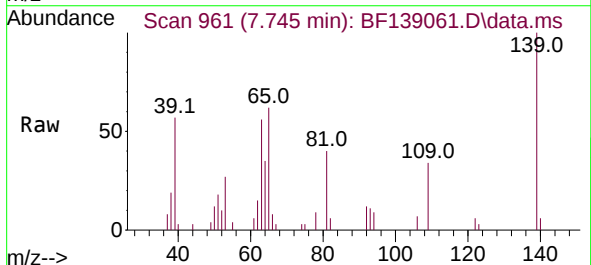
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2024

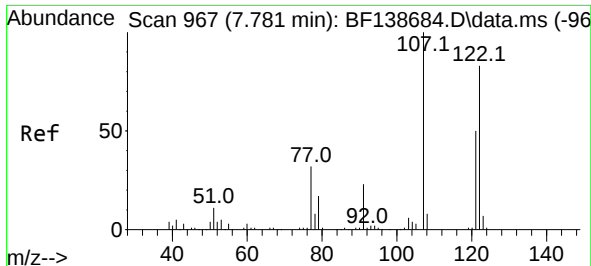
Tgt Ion: 82 Resp: 36305
Ion Ratio Lower Upper
82 100
95 8.8 5.7 8.5#
138 16.8 13.7 20.5



#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

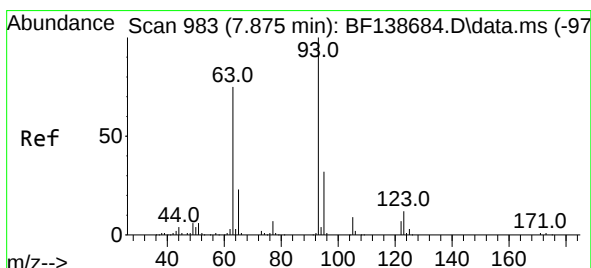
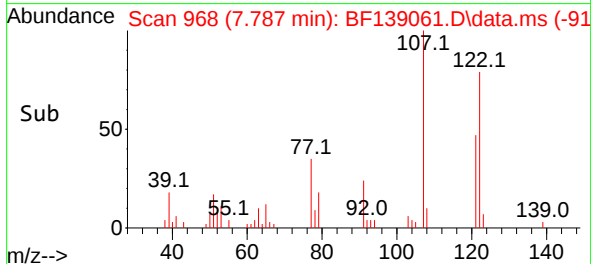
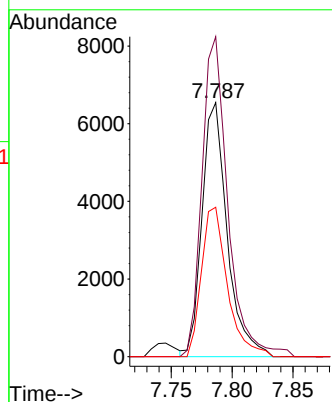
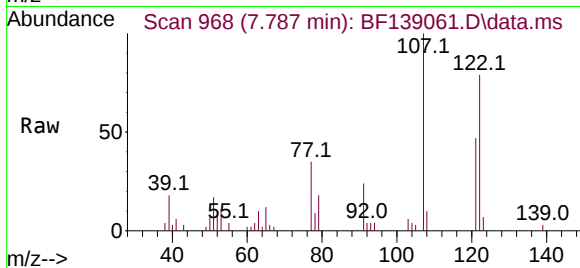




#27
2,4-Dimethylphenol
Concen: 4.612 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

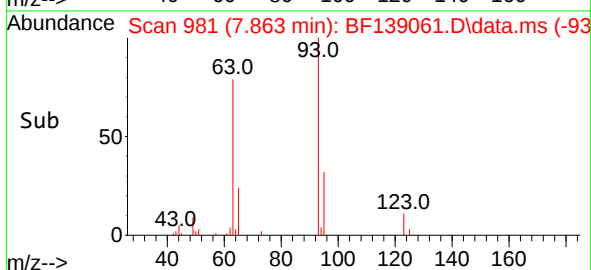
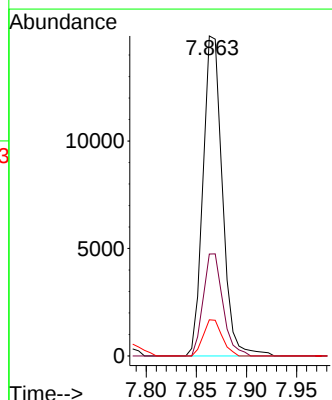
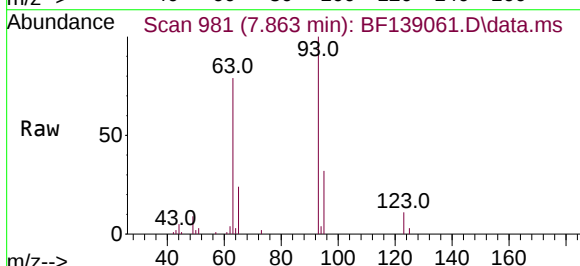
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

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

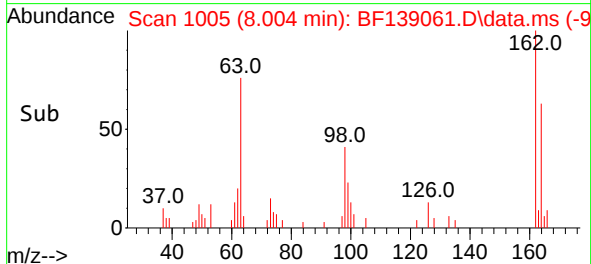
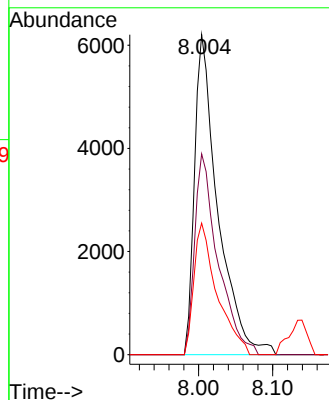
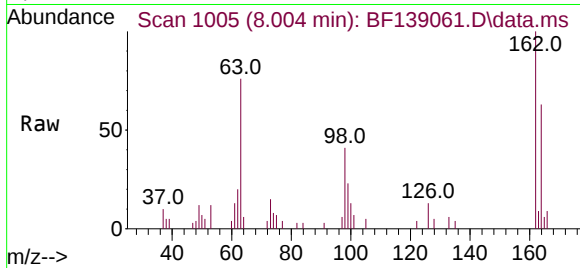
Tgt Ion:162 Resp: 13519

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

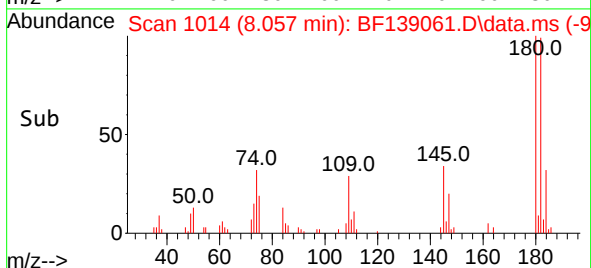
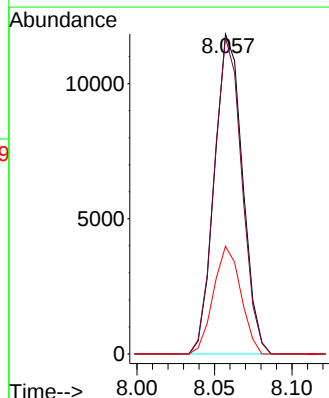
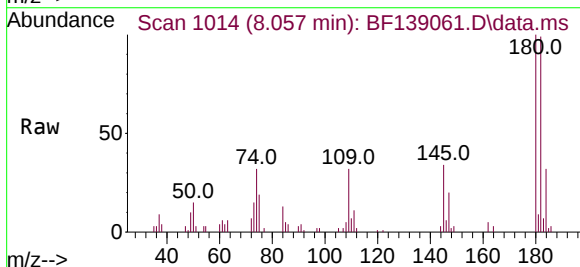
Tgt Ion:180 Resp: 14872

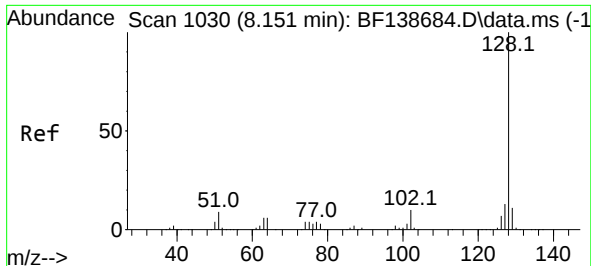
Ion Ratio Lower Upper

180 100

182 98.9 76.9 115.3

145 33.7 25.0 37.4

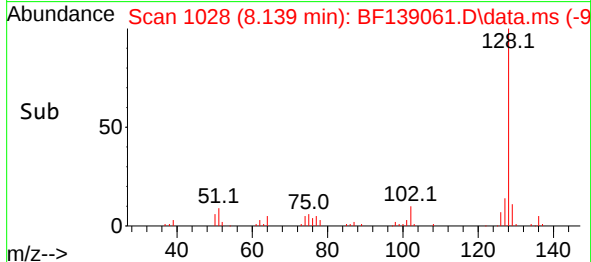
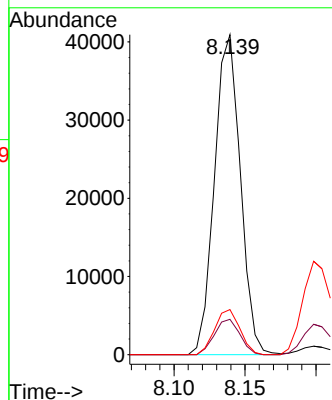
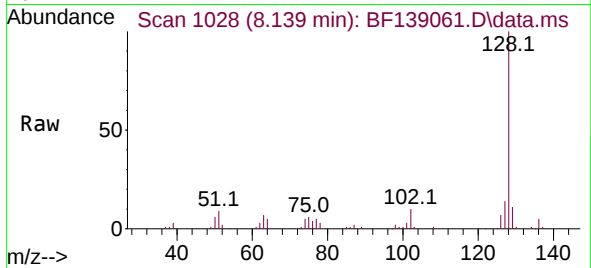




#31
Naphthalene
Concen: 5.174 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

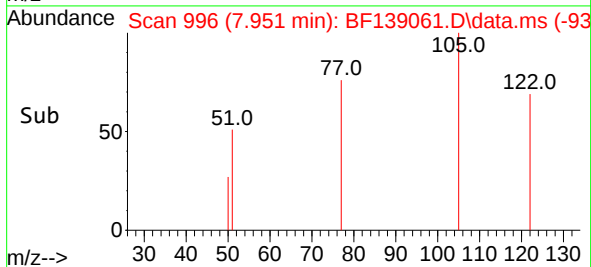
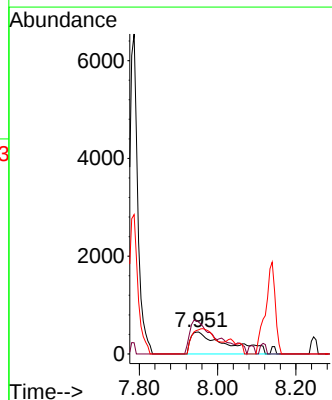
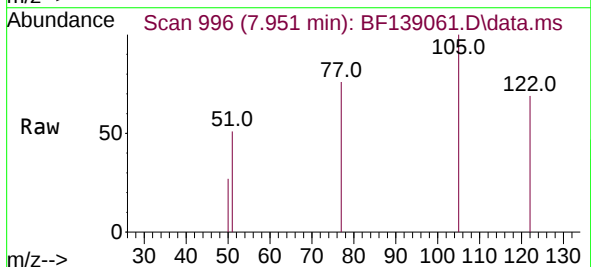
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

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: 1.873 ng m
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: 3004
Ion Ratio Lower Upper
122 100
105 144.4 106.7 146.7
77 110.0 81.1 121.1

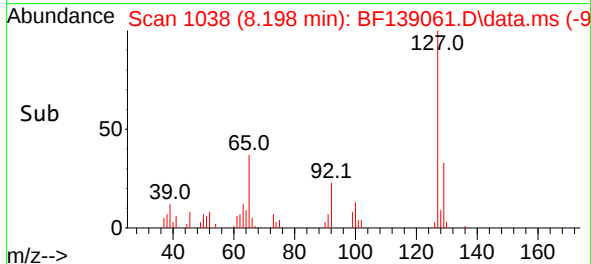
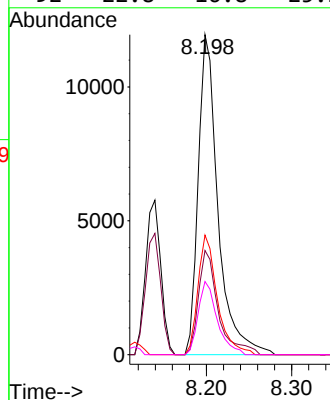
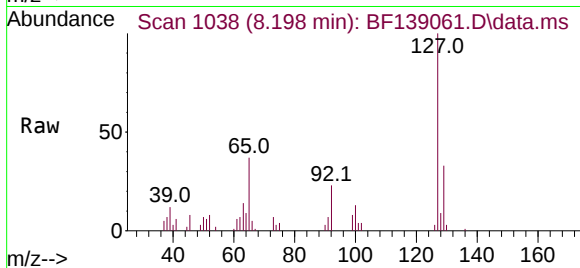




#33
4-Chloroaniline
Concen: 5.727 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

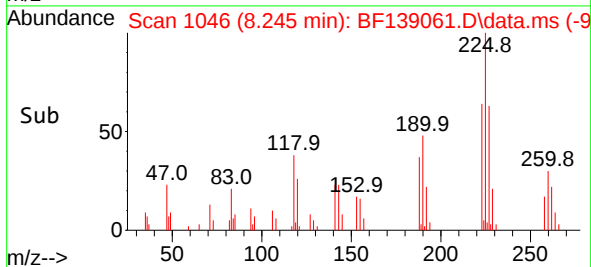
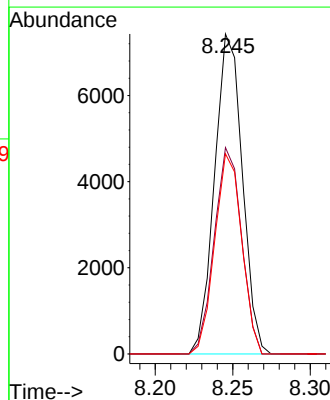
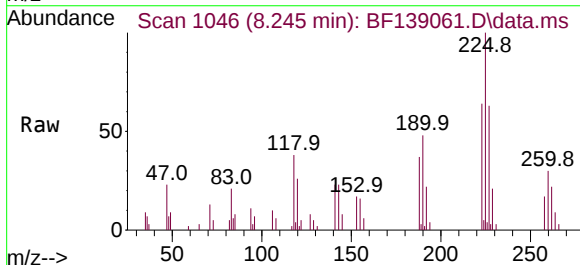
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

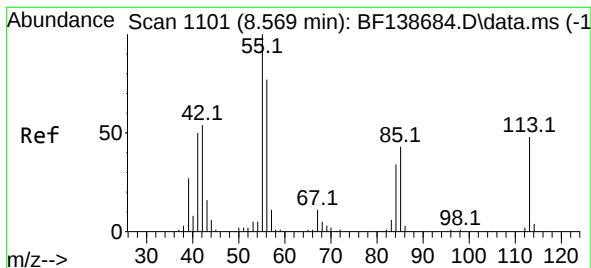
Tgt Ion:	127	Resp:	19270
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	37.3	27.6	41.4
92	22.8	16.8	25.2



#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

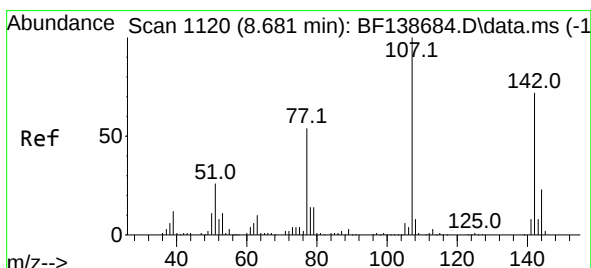
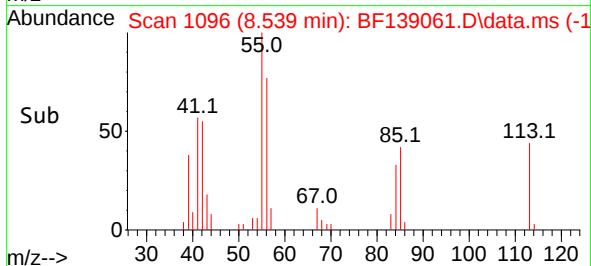
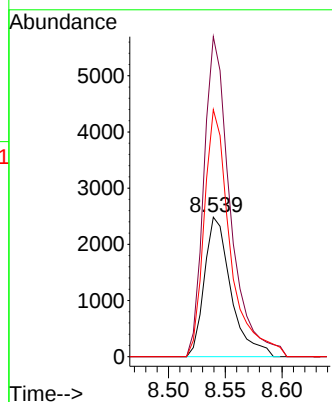
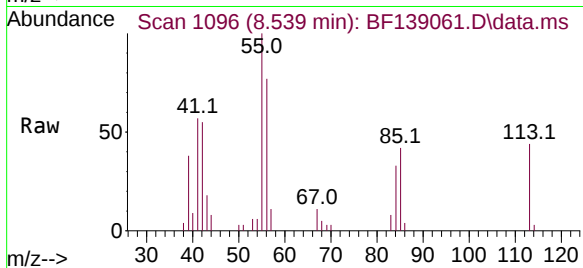
Tgt Ion:113 Resp: 4030

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

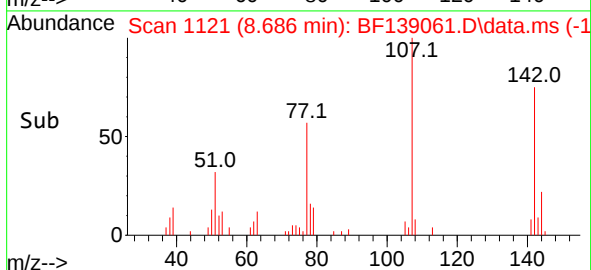
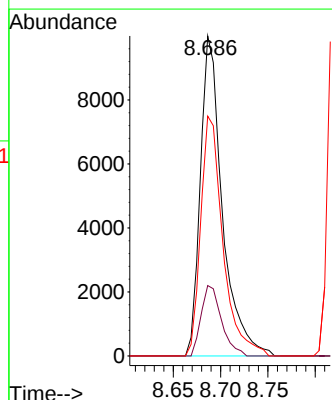
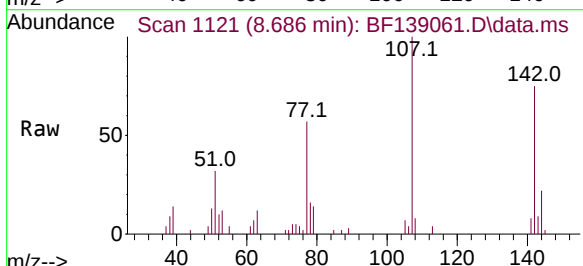
Tgt Ion:107 Resp: 16165

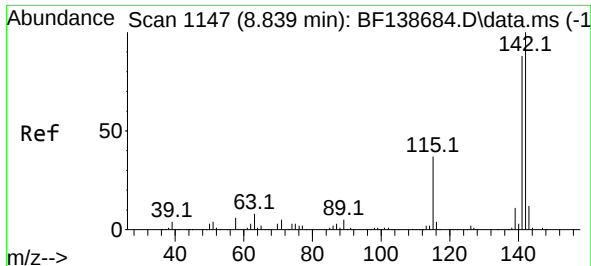
Ion Ratio Lower Upper

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 :

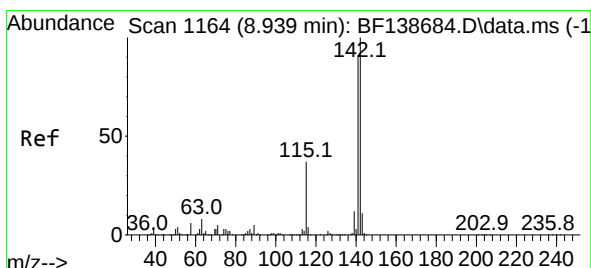
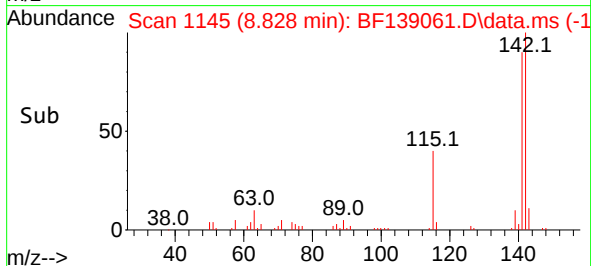
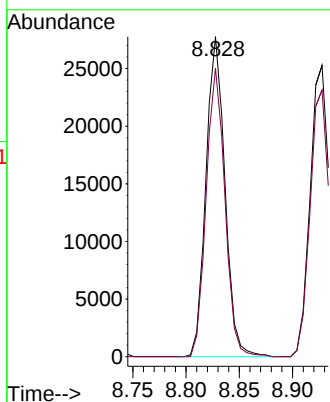
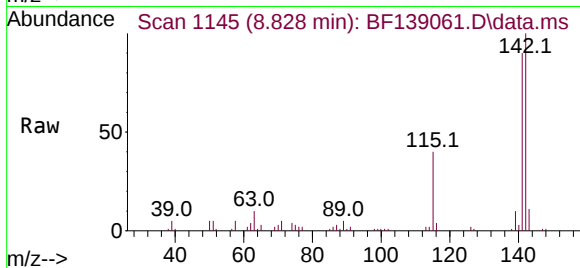
LOQ-WATER-02-QT3-2024

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

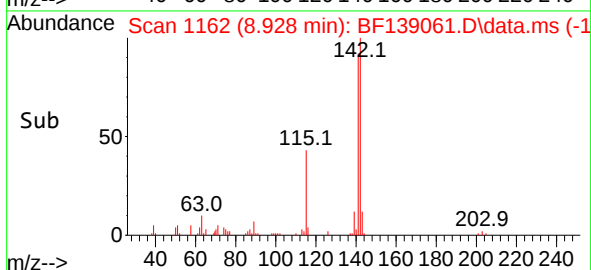
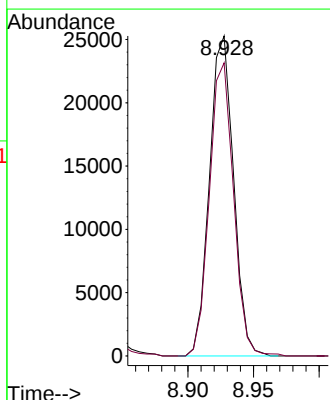
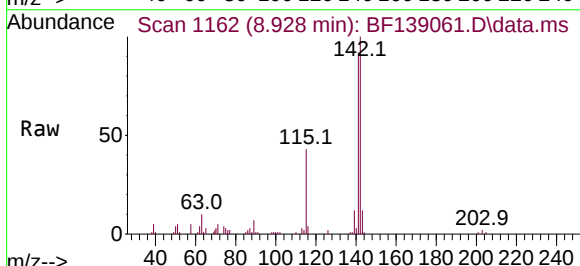
Acq: 16 Aug 2024 17:04

Tgt Ion:142 Resp: 32274

Ion Ratio Lower Upper

142 100

141 91.6 73.1 109.7

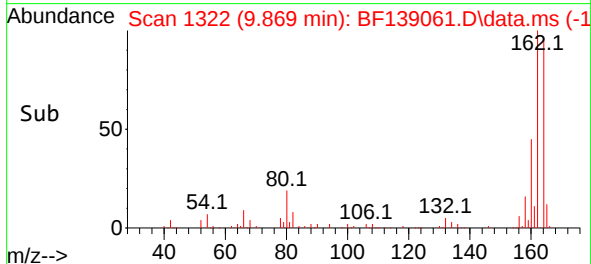
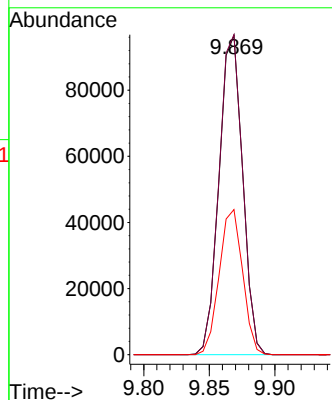
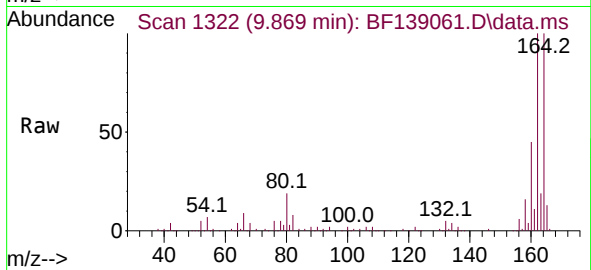




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. -0.011 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

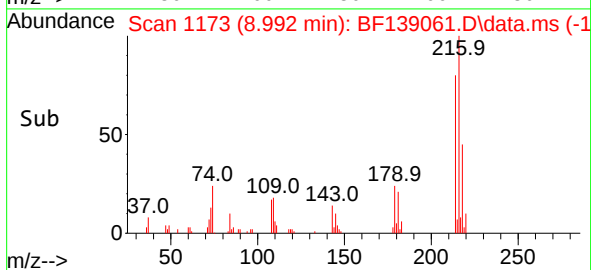
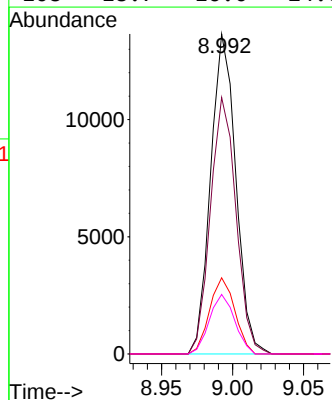
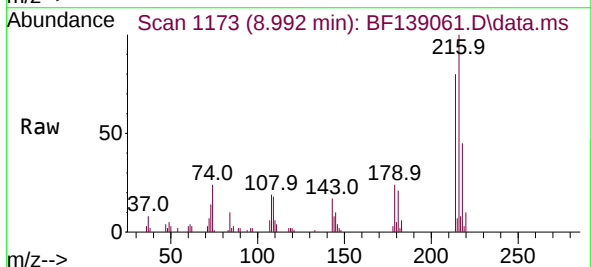
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

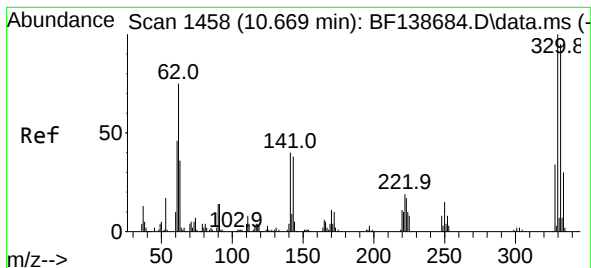
Tgt Ion:164 Resp: 120527
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.0
160 45.4 35.1 52.7



#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

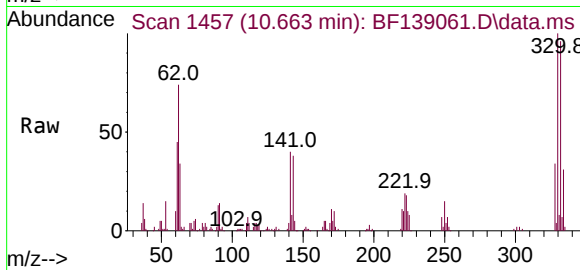
Tgt Ion:216 Resp: 16820
Ion Ratio Lower Upper
216 100
214 81.3 63.9 95.9
179 23.8 17.8 26.6
108 18.7 16.0 24.0



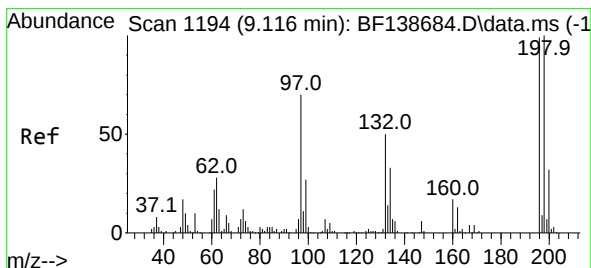
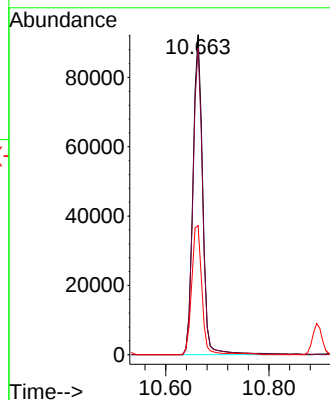
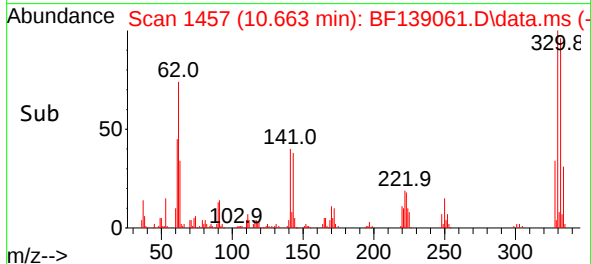


#42
2,4,6-Tribromophenol
Concen: 122.133 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

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

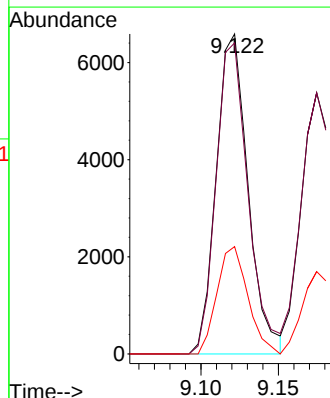
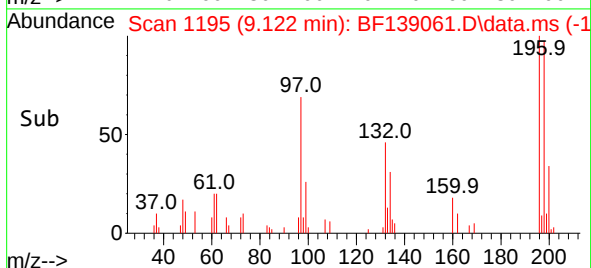
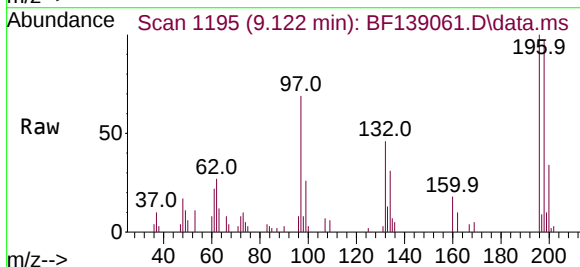


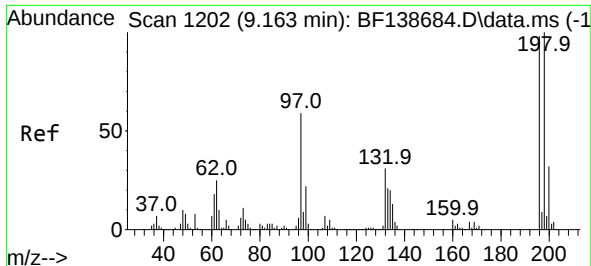
Tgt Ion:330 Resp: 120579
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 41.8 31.1 46.7



#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

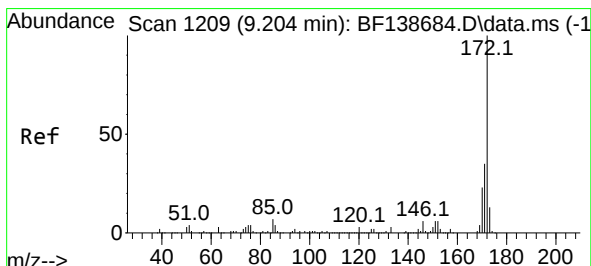
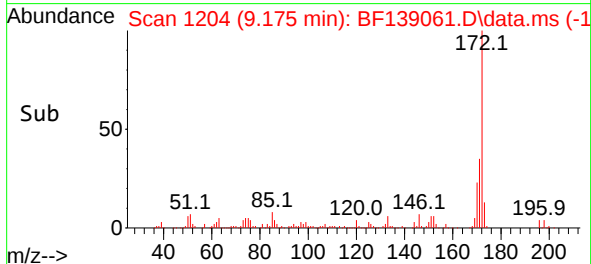
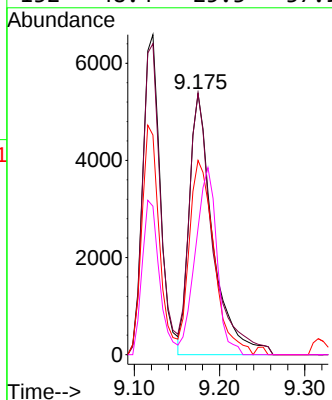
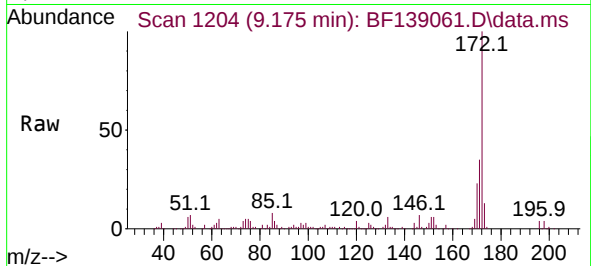




#44
2,4,5-Trichlorophenol
Concen: 4.632 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

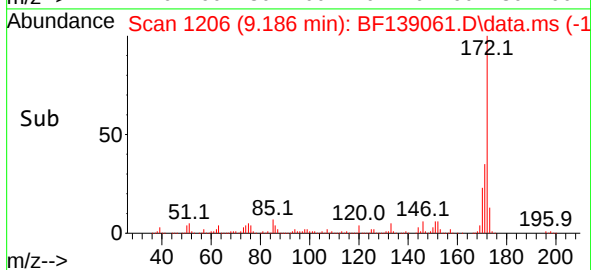
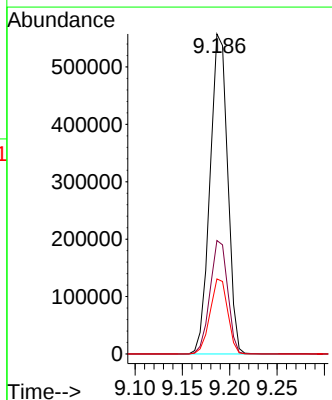
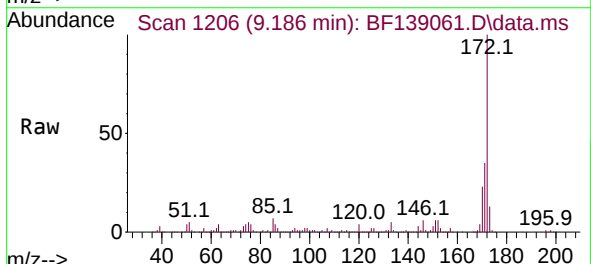
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

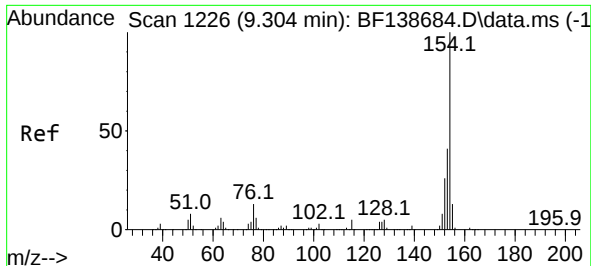
Tgt Ion:196 Resp: 10338
Ion Ratio Lower Upper
196 100
198 100.0 81.2 121.8
97 74.4 47.8 71.6#
132 48.4 25.3 37.9#



#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

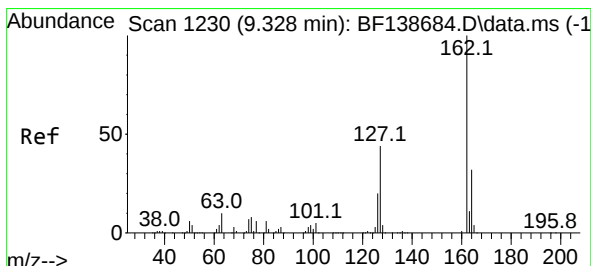
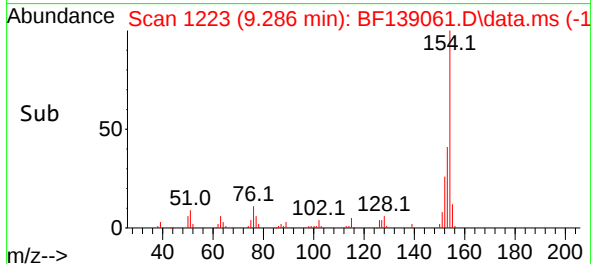
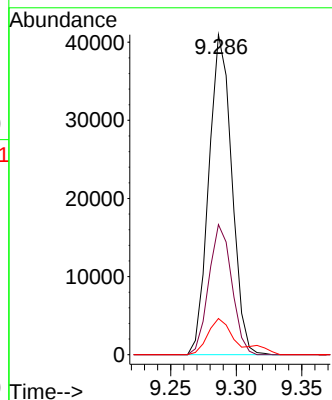
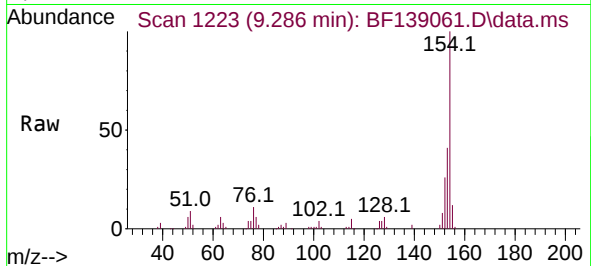




#46
1,1'-Biphenyl
Concen: 5.289 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

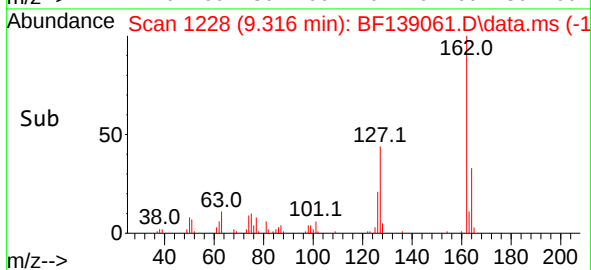
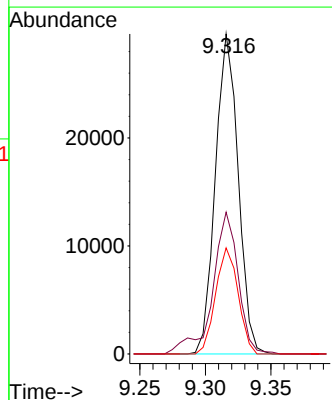
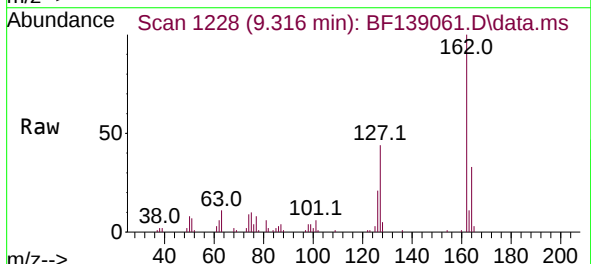
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

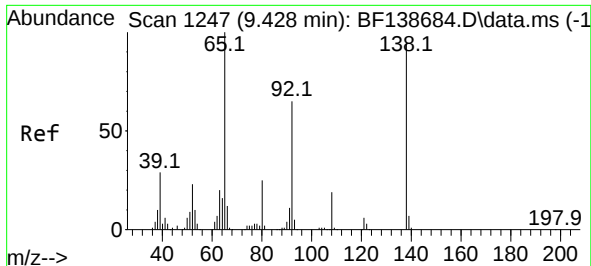
Tgt Ion:154 Resp: 49921
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 11.3 0.0 32.8



#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

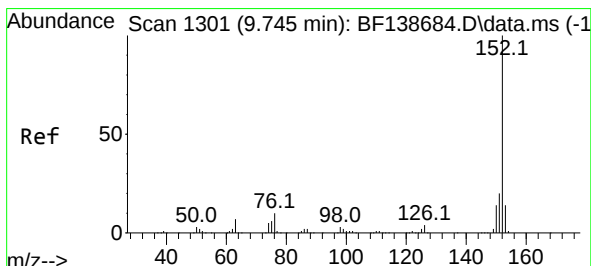
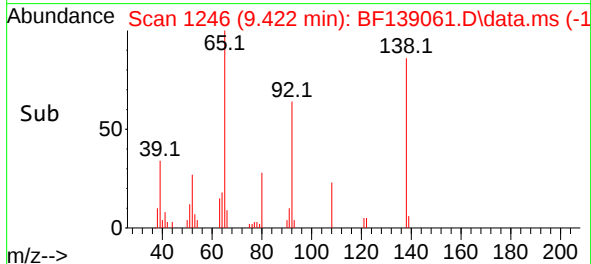
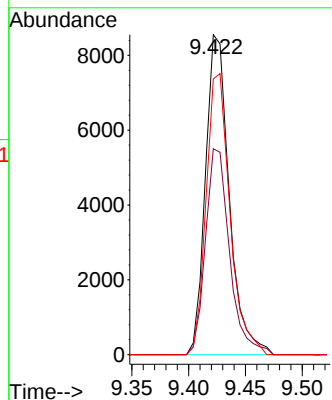
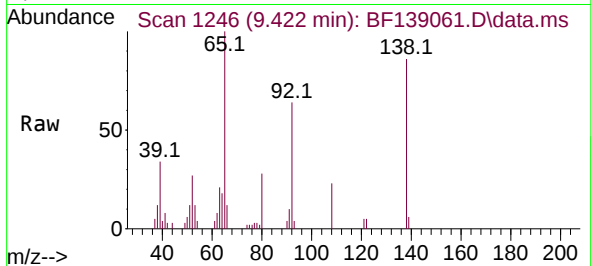




#48
2-Nitroaniline
Concen: 5.232 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

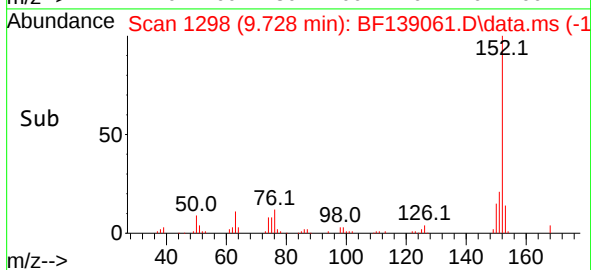
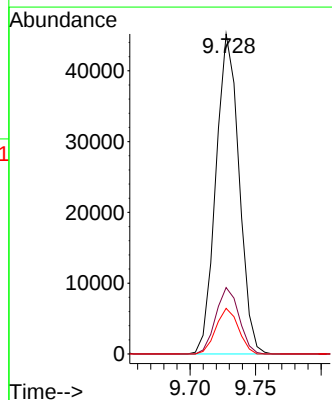
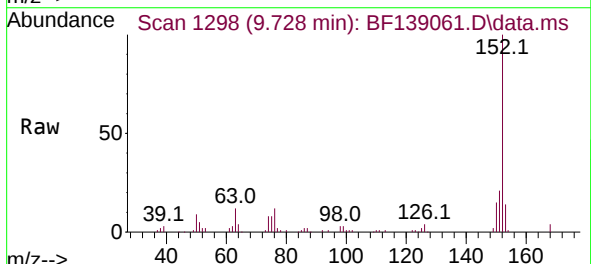
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

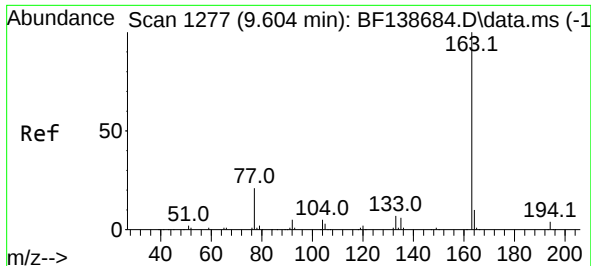
Tgt Ion: 65 Resp: 12453
Ion Ratio Lower Upper
65 100
92 64.3 52.0 78.0
138 86.1 76.2 114.4



#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

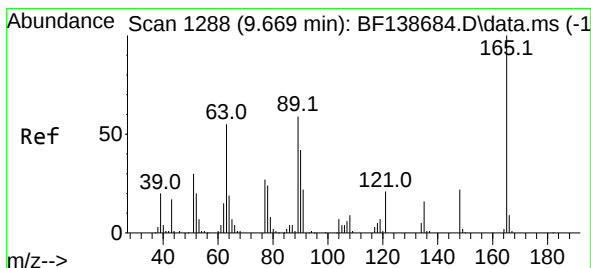
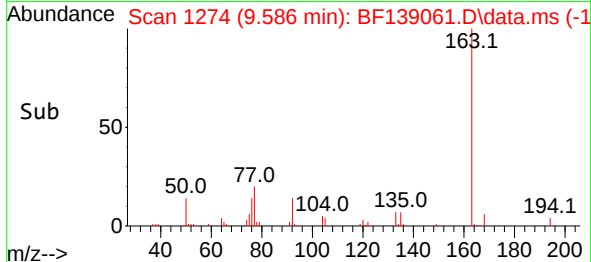
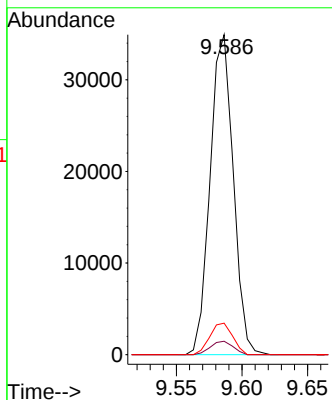
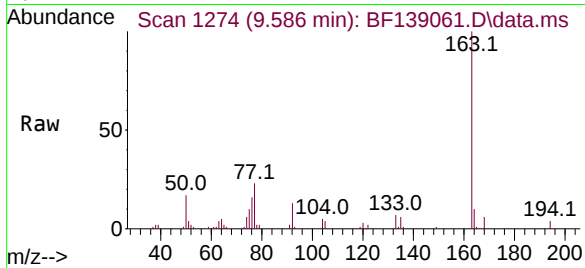




#50
Dimethylphthalate
Concen: 5.569 ng
RT: 9.586 min Scan# 1274
Delta R.T. -0.018 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

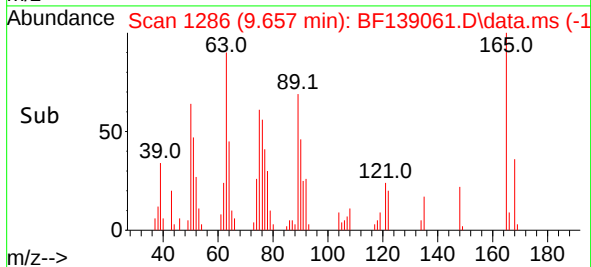
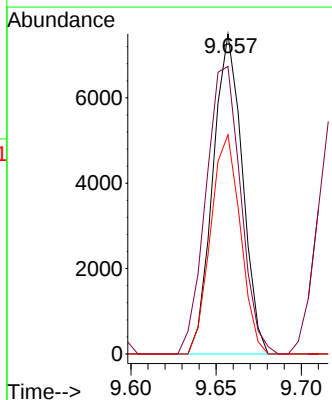
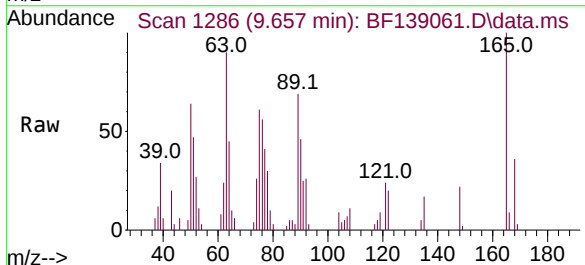
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

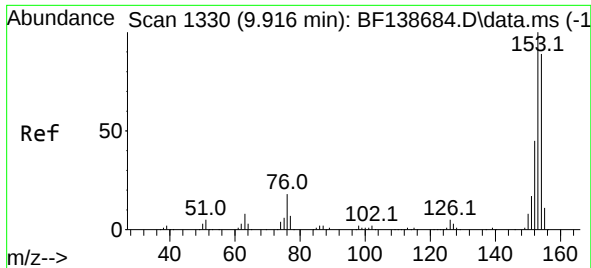
Tgt Ion:163 Resp: 42920
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.9 7.8 11.8



#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

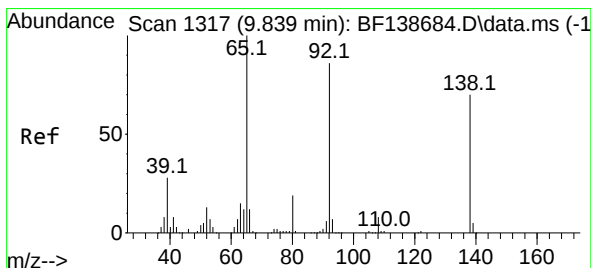
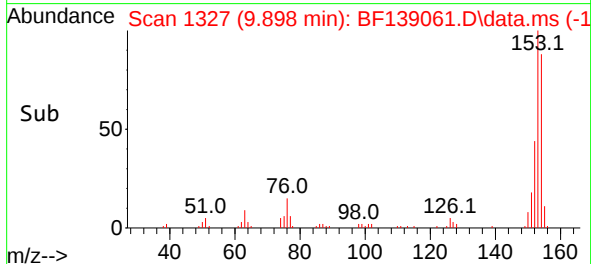
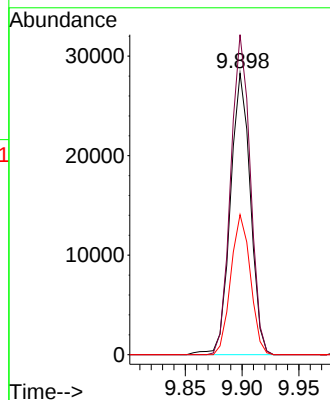
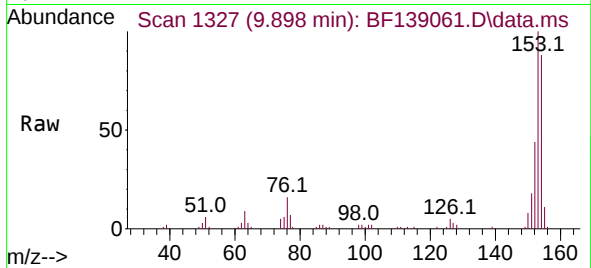




#52
Acenaphthene
Concen: 5.157 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

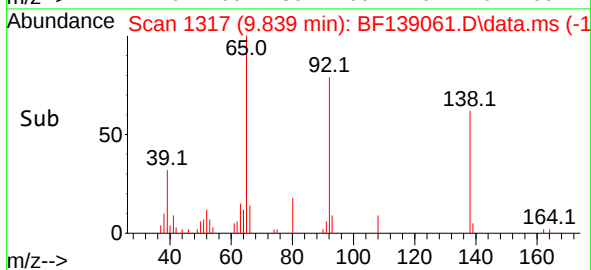
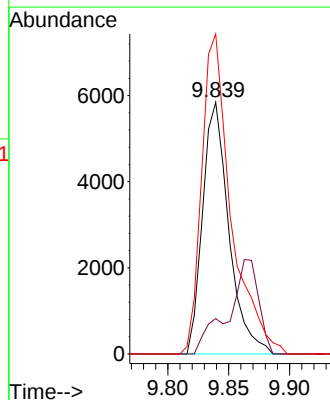
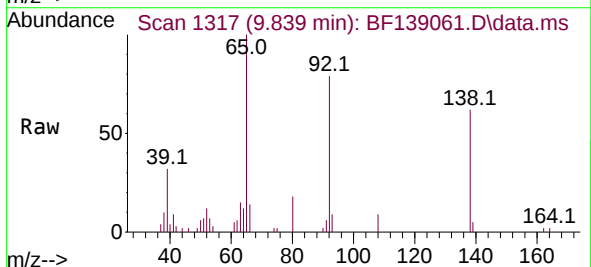
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

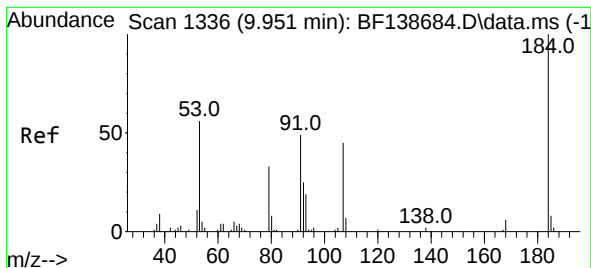
Tgt Ion:154 Resp: 34519
Ion Ratio Lower Upper
154 100
153 113.7 89.9 134.9
152 49.7 40.6 60.8



#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# 1

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

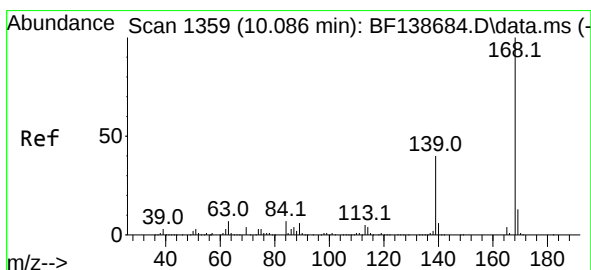
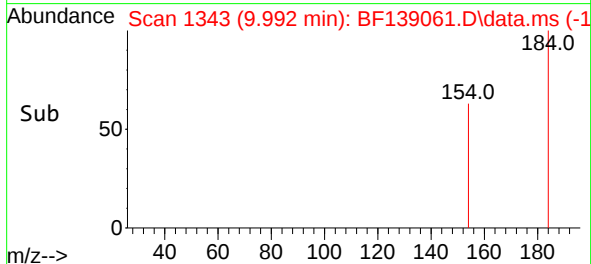
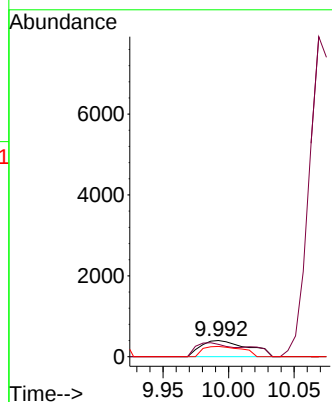
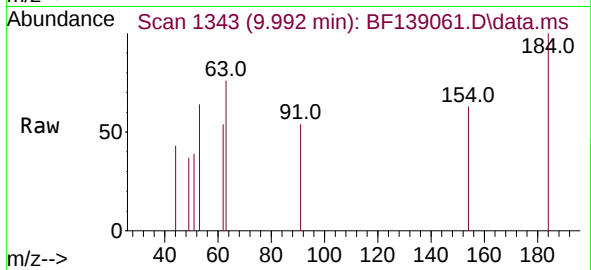
Tgt Ion:184 Resp: 1005

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

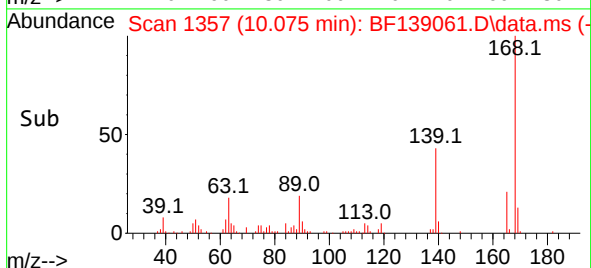
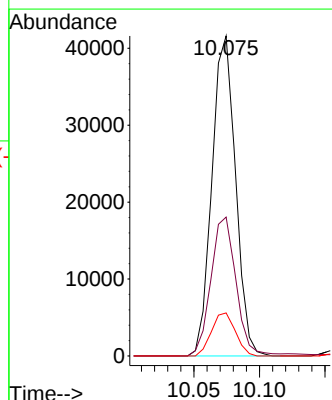
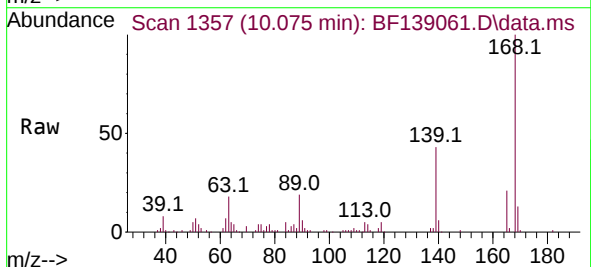
Tgt Ion:168 Resp: 52070

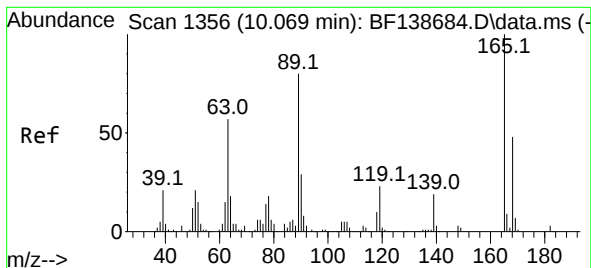
Ion Ratio Lower Upper

168 100

139 43.4 32.6 49.0

169 13.4 10.7 16.1

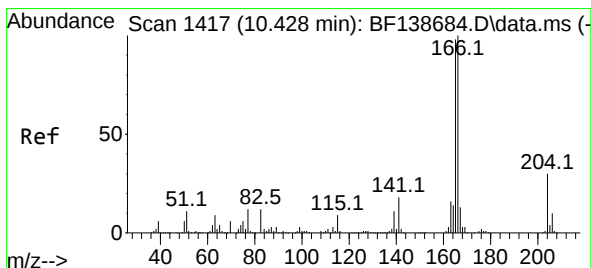
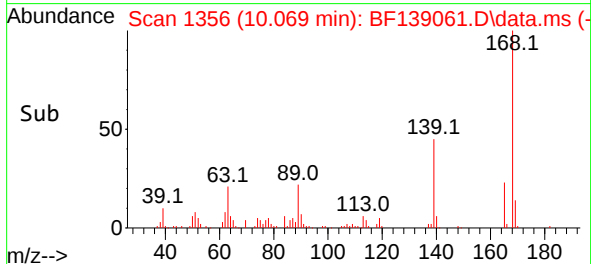
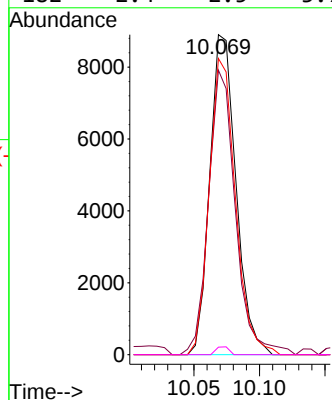
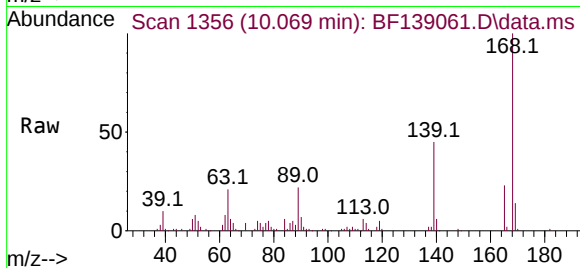




#57
2,4-Dinitrotoluene
Concen: 5.580 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

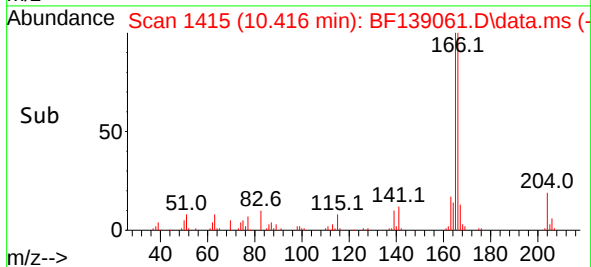
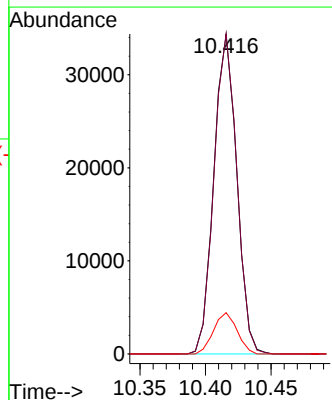
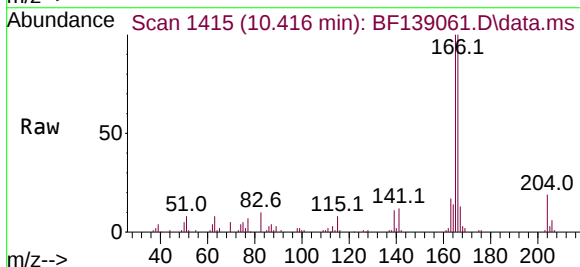
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

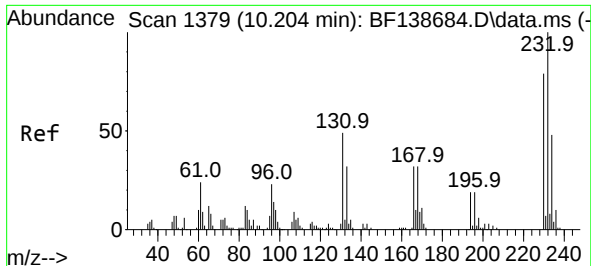
Tgt Ion:	165	Resp:	12383
Ion	Ratio	Lower	Upper
165	100		
63	88.9	46.3	69.5#
89	92.6	64.2	96.4
182	2.4	2.5	3.7#



#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

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

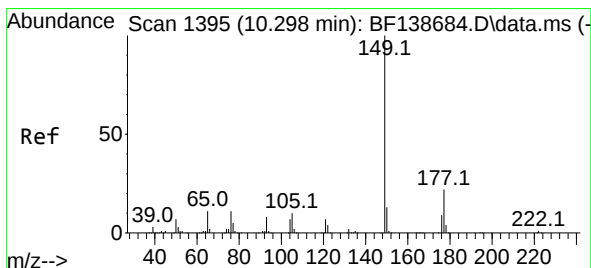
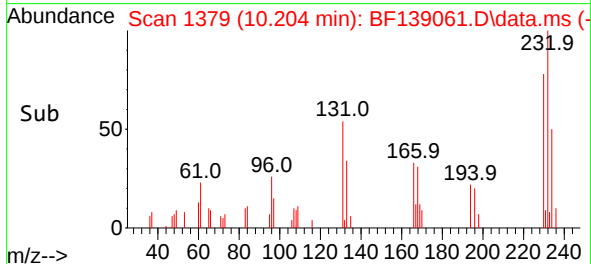
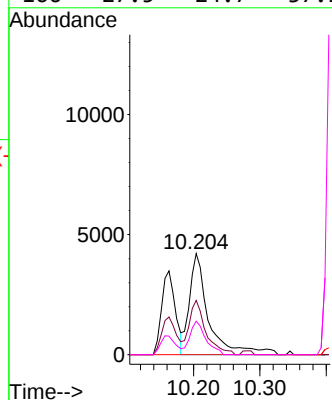
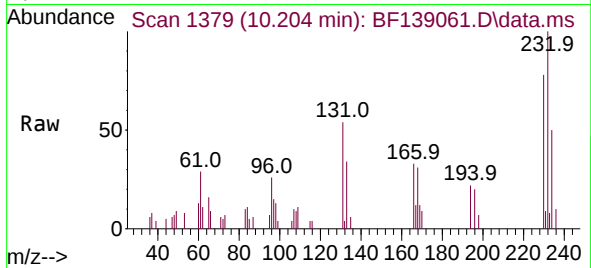




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.993 ng m
RT: 10.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

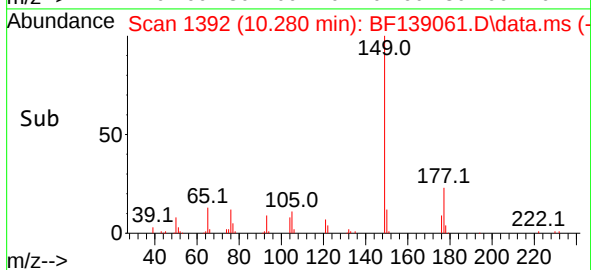
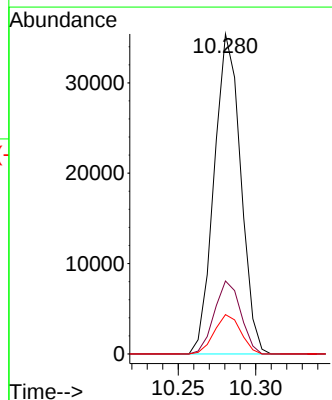
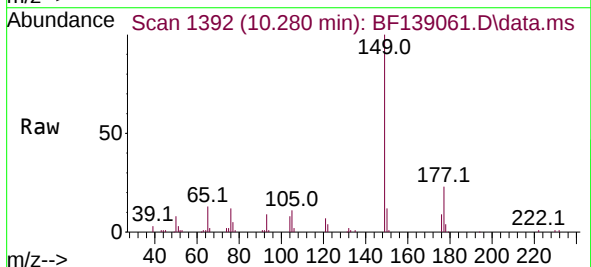
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

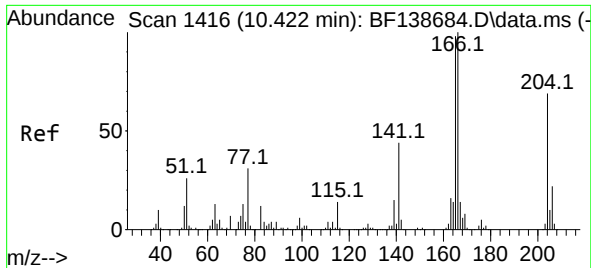
Tgt Ion:232 Resp: 8518
Ion Ratio Lower Upper
232 100
131 46.8 37.0 55.4
130 0.0 2.0 3.0#
166 27.5 24.7 37.1



#60
Diethylphthalate
Concen: 5.775 ng
RT: 10.280 min Scan# 1392
Delta R.T. -0.018 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

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# 1416

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

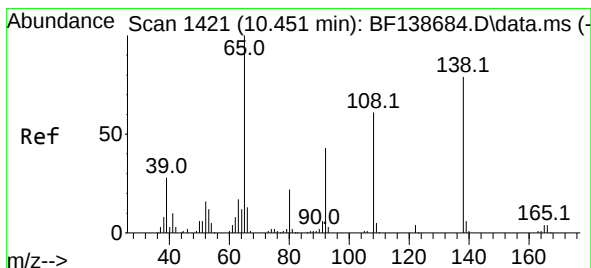
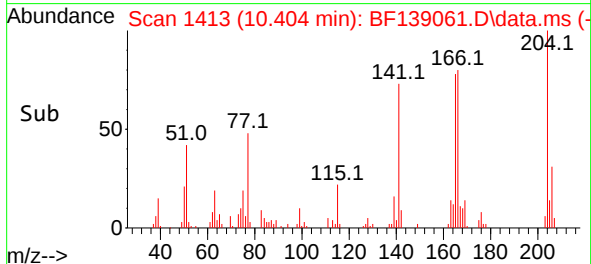
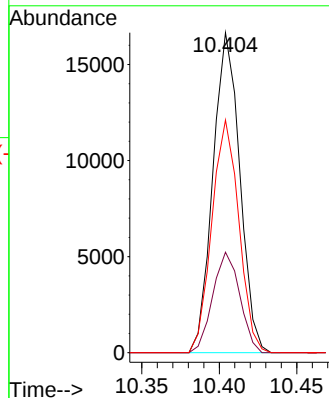
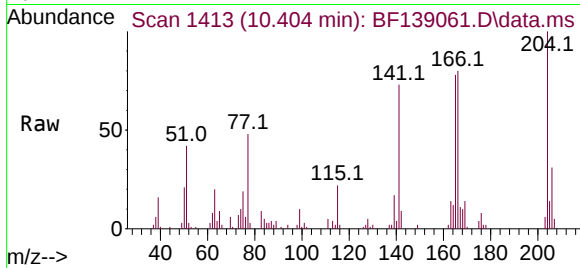
Tgt Ion:204 Resp: 20049

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

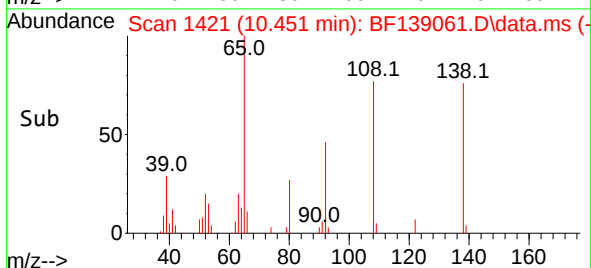
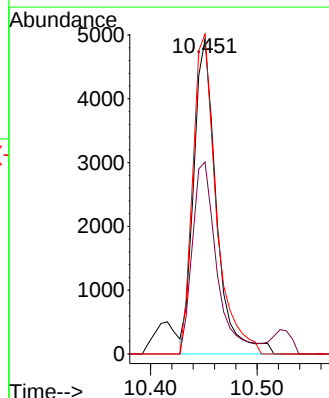
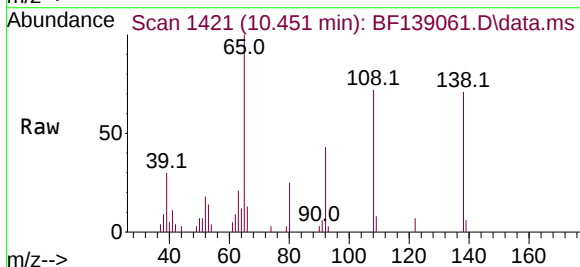
Tgt Ion:138 Resp: 7314

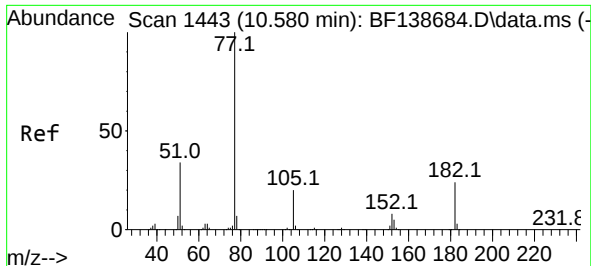
Ion Ratio Lower Upper

138 100

92 61.0 34.2 74.2

108 101.7 56.2 96.2#

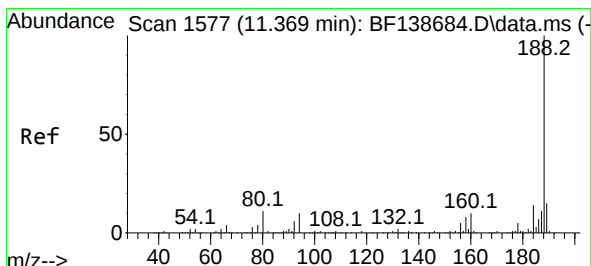
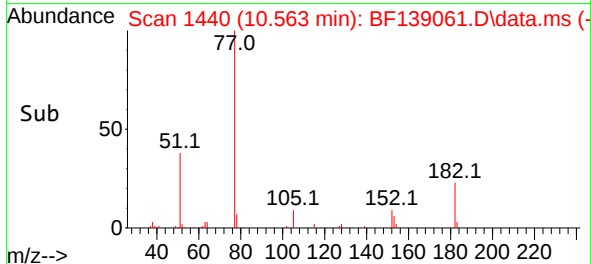
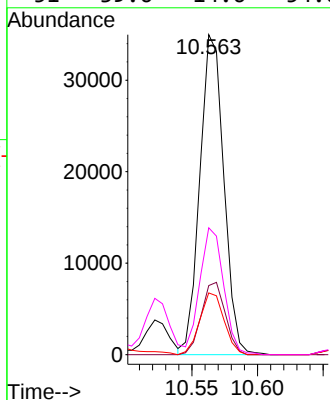
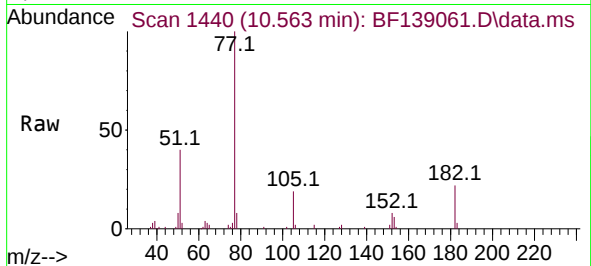




#63
Azobenzene
Concen: 5.500 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

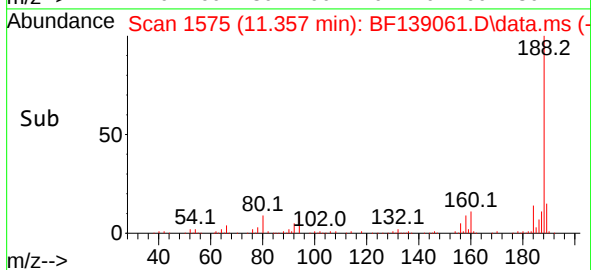
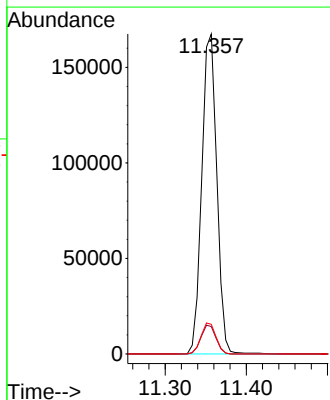
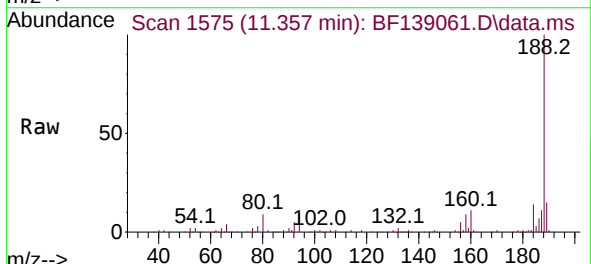
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

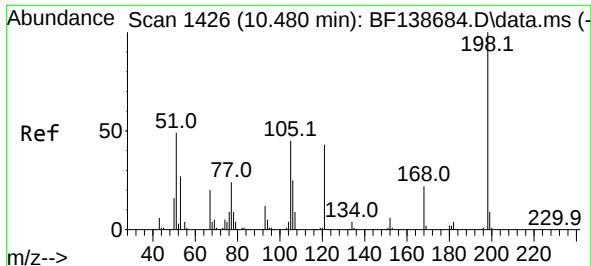
Tgt Ion: 77	Resp: 44576
Ion Ratio	Lower Upper
77 100	
182 21.6	3.4 43.4
105 19.3	0.2 40.2
51 39.6	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

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# 1426

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

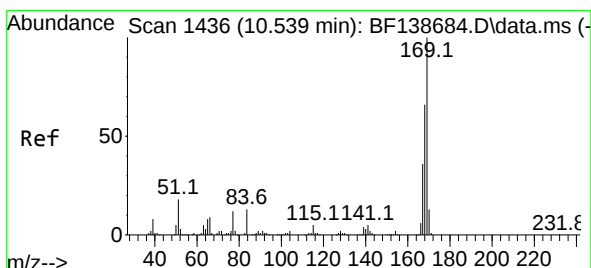
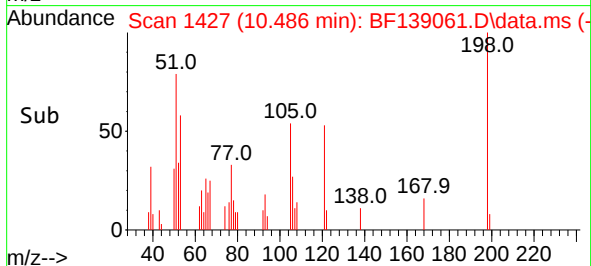
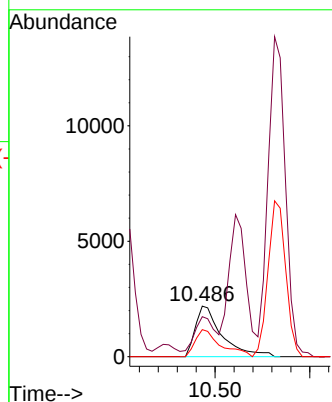
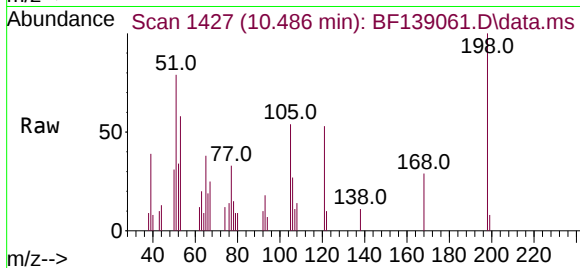
Tgt Ion:198 Resp: 4266

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

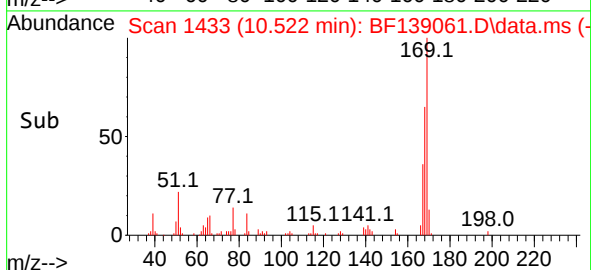
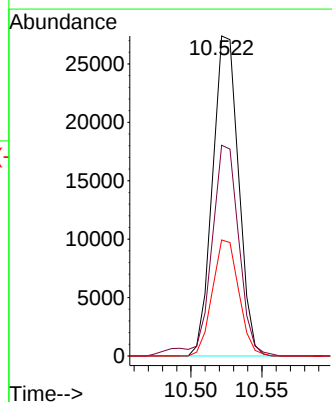
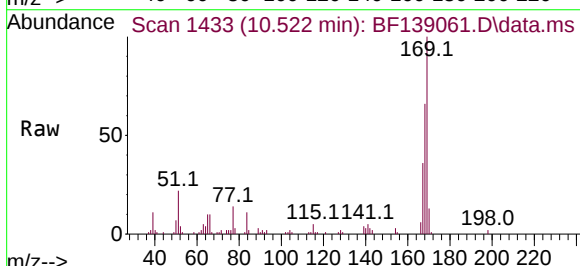
Tgt Ion:169 Resp: 34861

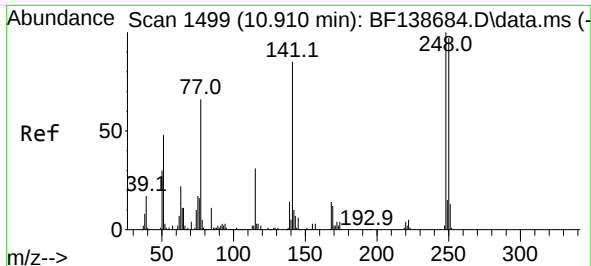
Ion Ratio Lower Upper

169 100

168 65.9 53.0 79.6

167 36.2 29.0 43.6

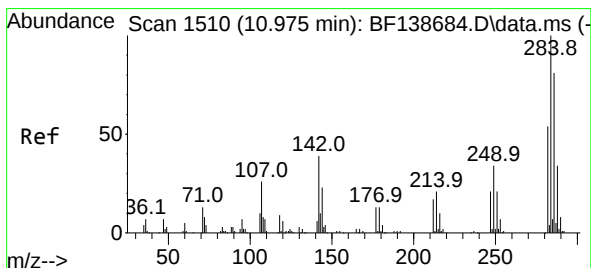
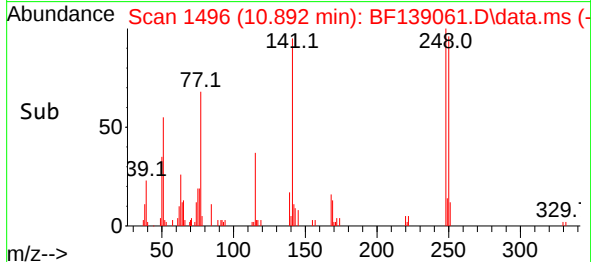
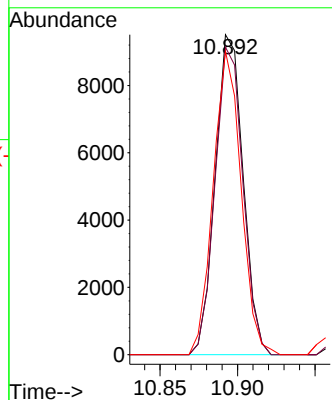
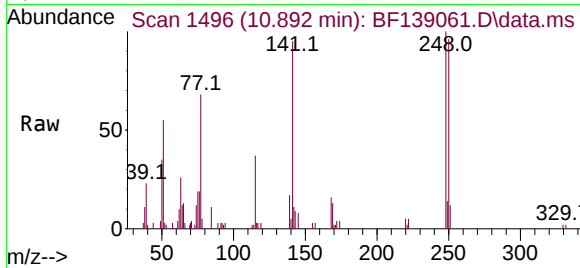




#67
4-Bromophenyl-phenylether
Concen: 5.128 ng
RT: 10.892 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

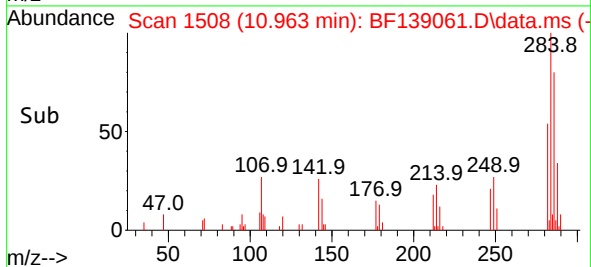
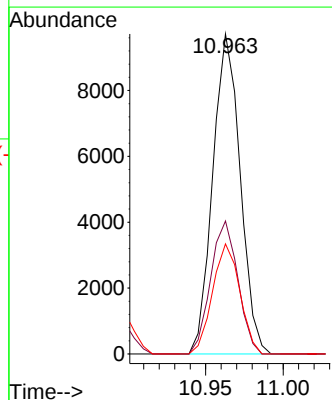
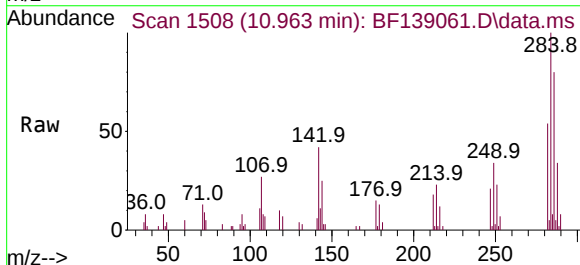
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

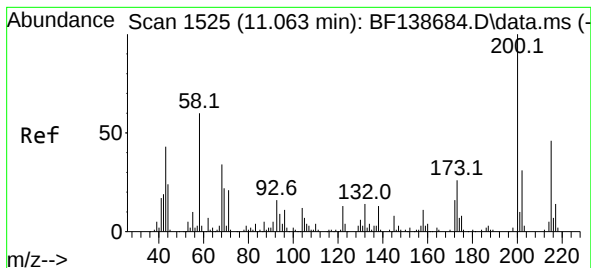
Tgt Ion:248	Resp:	11924
Ion Ratio	Lower	Upper
248	100	
250	96.1	77.7 116.5
141	94.8	68.0 102.0



#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

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# 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

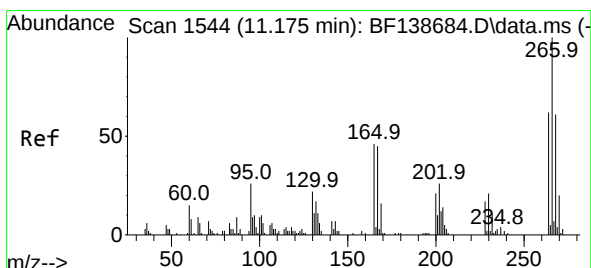
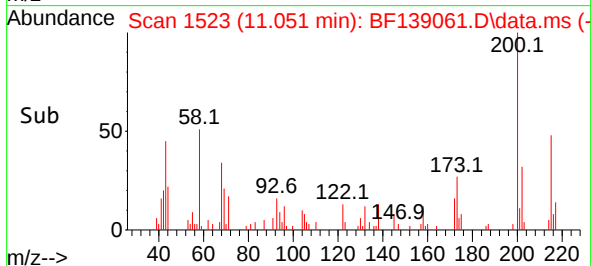
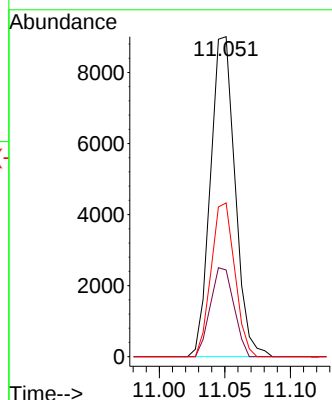
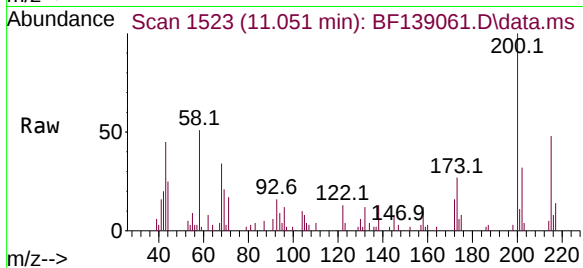
Tgt Ion:200 Resp: 11781

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

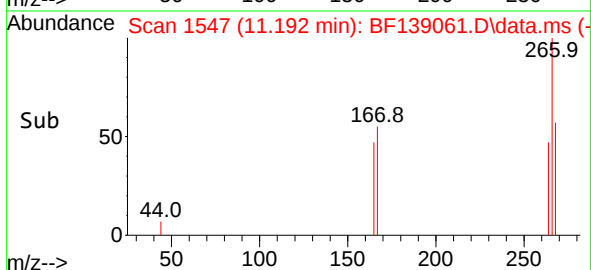
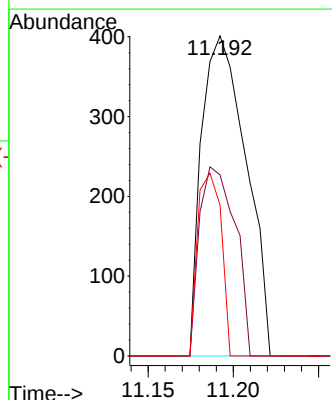
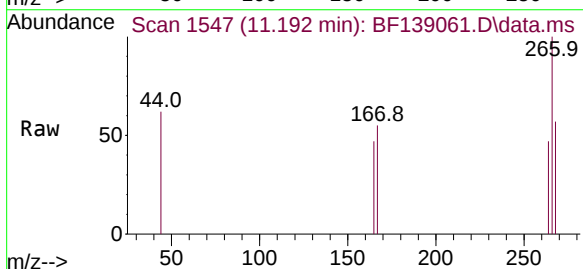
Tgt Ion:266 Resp: 728

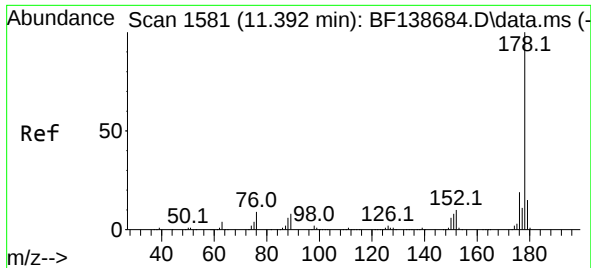
Ion Ratio Lower Upper

266 100

268 56.6 49.2 73.8

264 47.1 49.8 74.6#

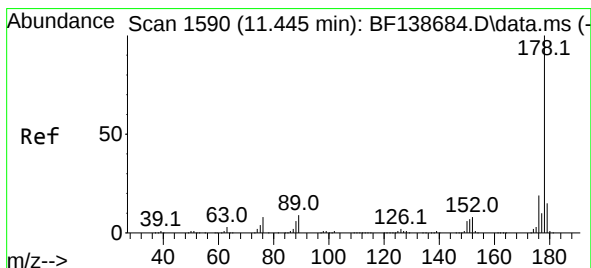
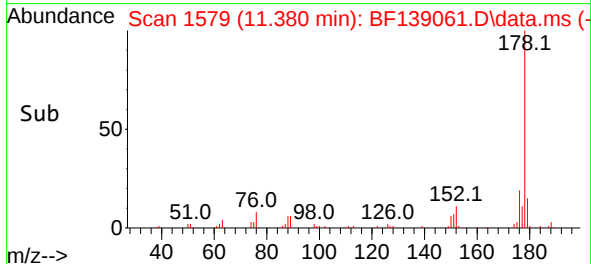
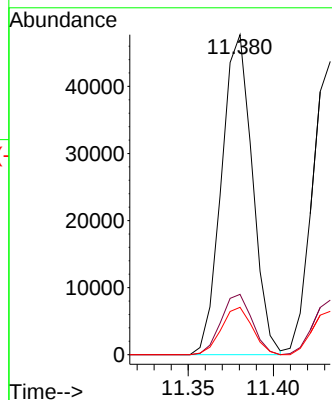
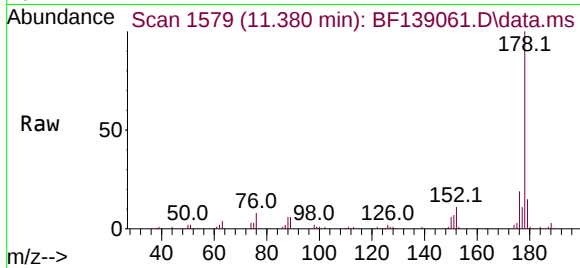




#71
Phenanthrene
Concen: 5.448 ng
RT: 11.380 min Scan# 11380
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

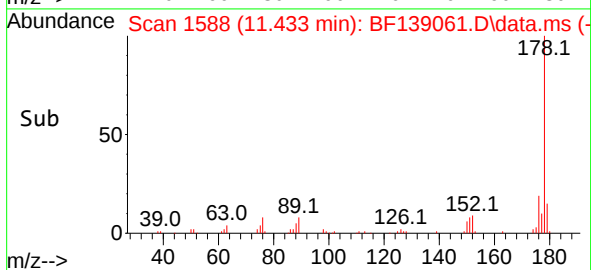
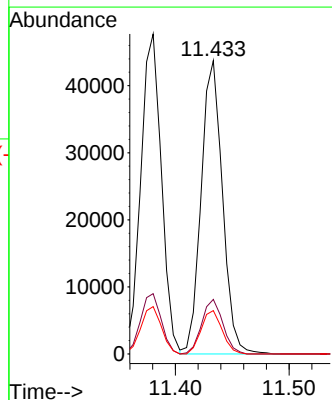
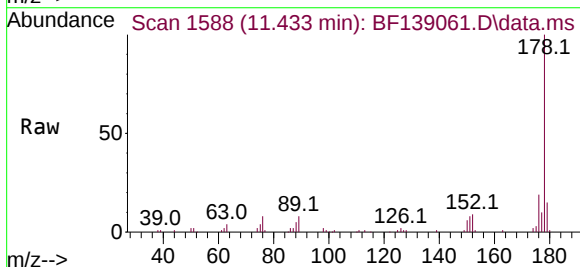
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

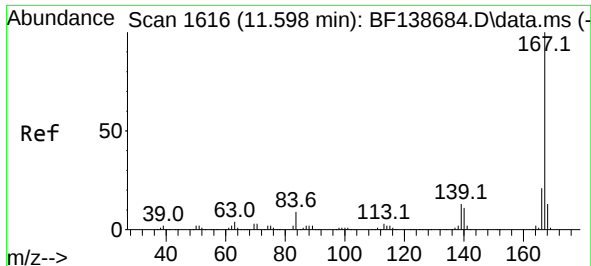
Tgt Ion:178 Resp: 60243
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 14.8 12.2 18.2



#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

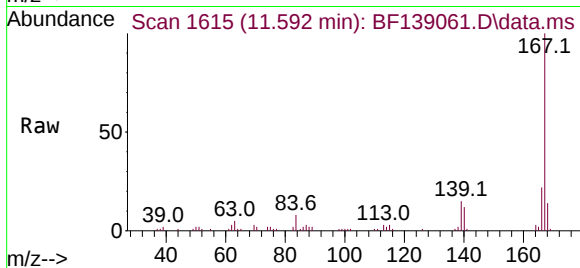
Tgt Ion:178 Resp: 57141
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 14.8 12.4 18.6





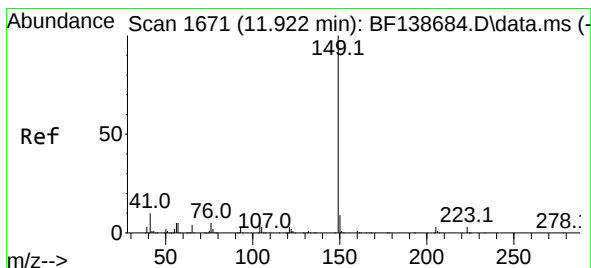
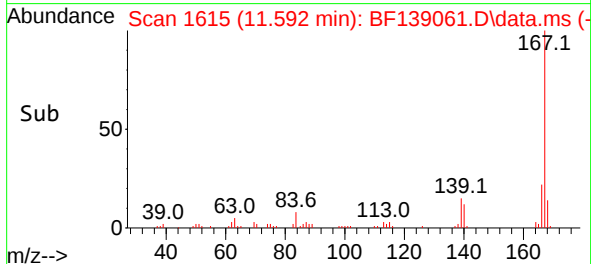
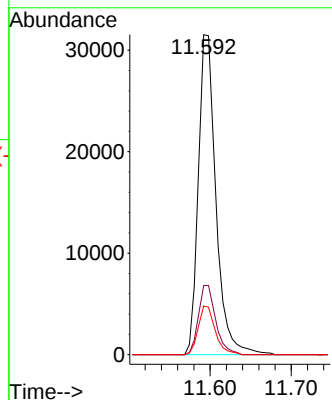
#73
 Carbazole
 Concen: 5.072 ng
 RT: 11.592 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF139061.D
 Acq: 16 Aug 2024 17:04

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



Tgt Ion:167 Resp: 47674

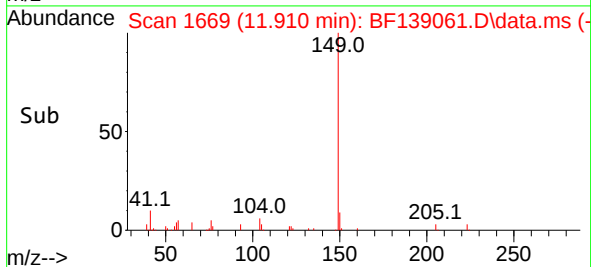
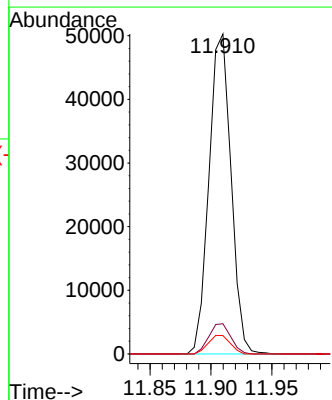
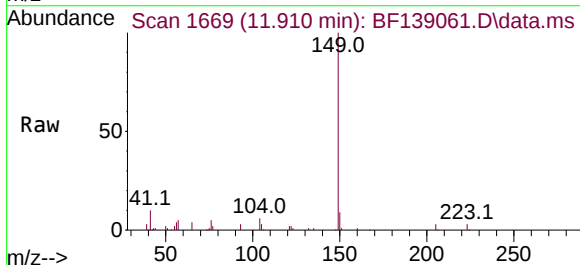
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	15.2	10.6	16.0

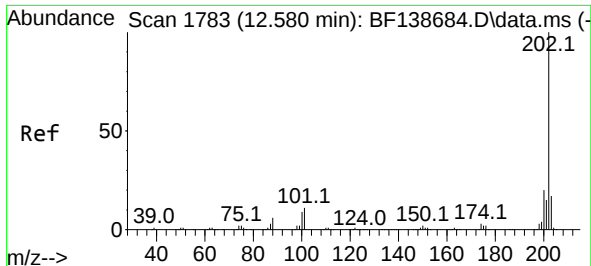


#74
 Di-n-butylphthalate
 Concen: 5.987 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF139061.D
 Acq: 16 Aug 2024 17:04

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

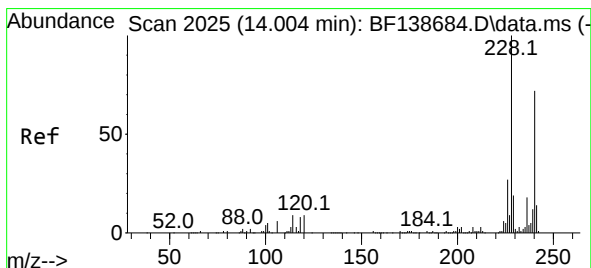
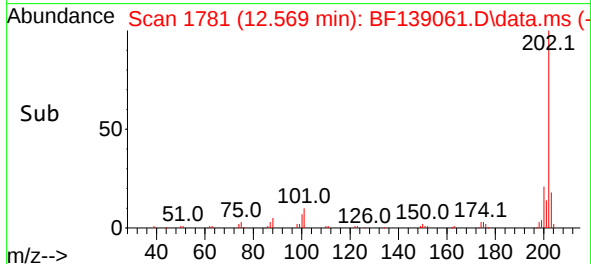
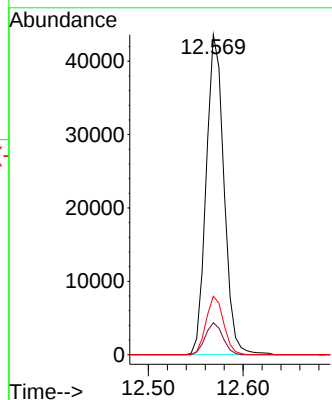
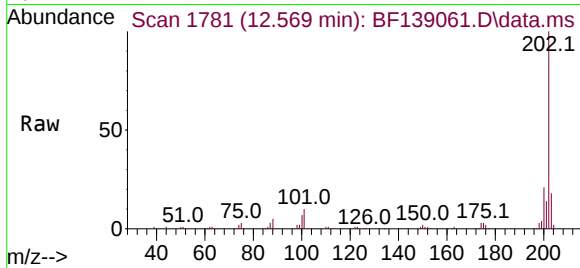




#75
Fluoranthene
Concen: 5.486 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139061.D
Acq: 16 Aug 2024 17:04

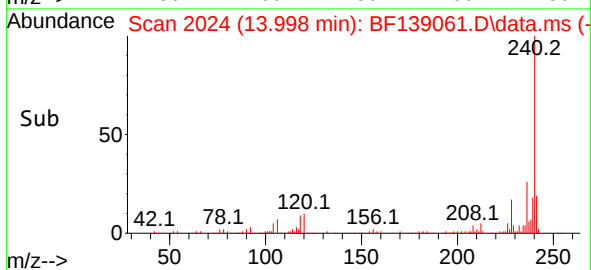
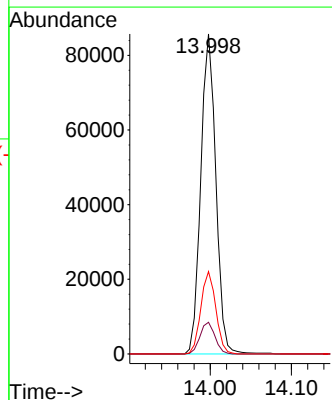
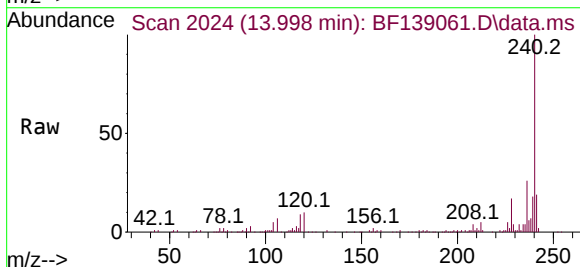
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

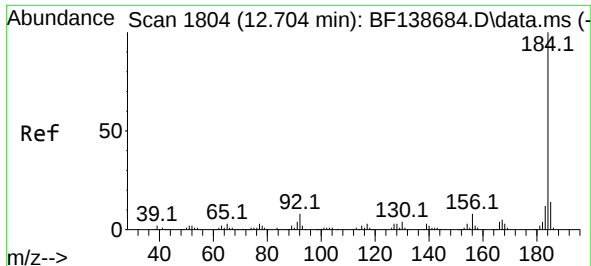
Tgt Ion:202	Resp:	56635
Ion Ratio	Lower	Upper
202	100	
101	10.0	0.0 31.2
203	18.3	0.0 37.3



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

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

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

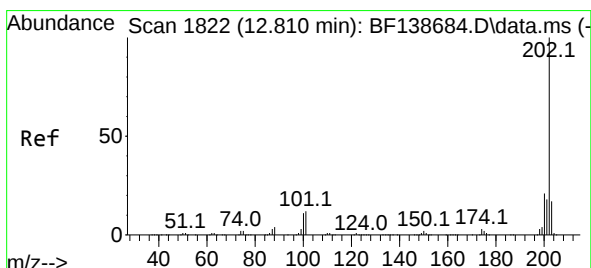
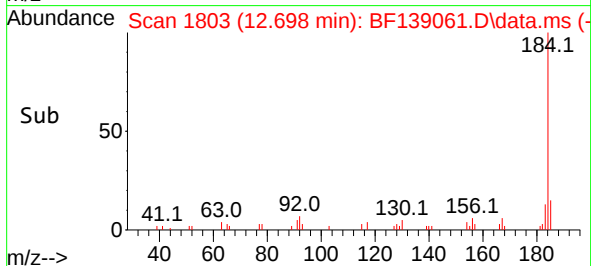
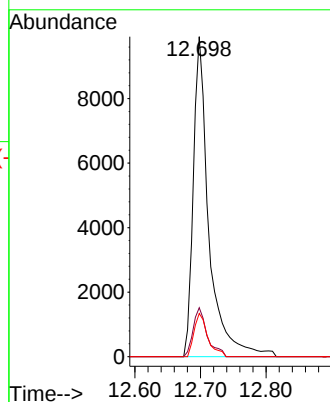
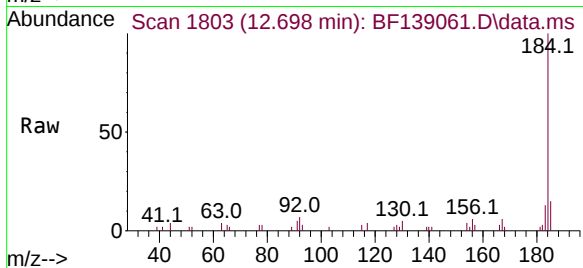
Tgt Ion:184 Resp: 16409

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

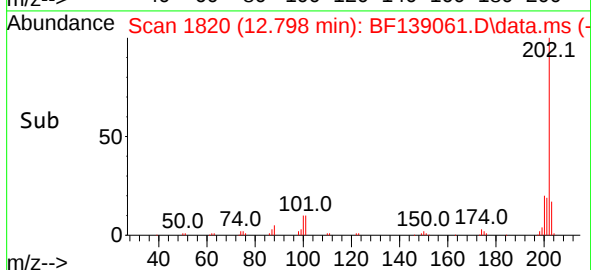
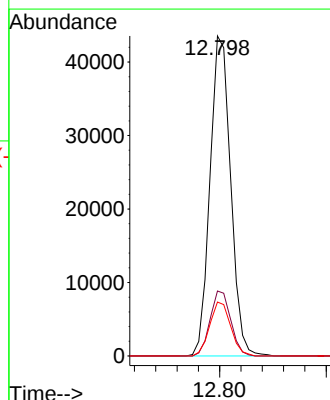
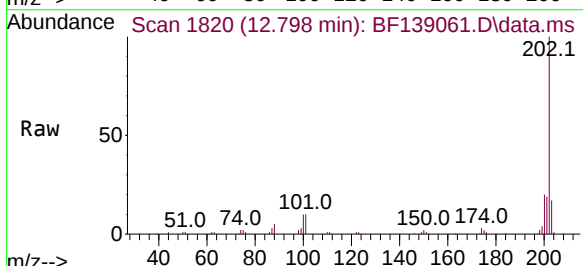
Tgt Ion:202 Resp: 58575

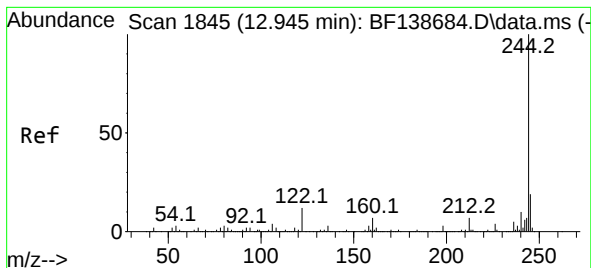
Ion Ratio Lower Upper

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

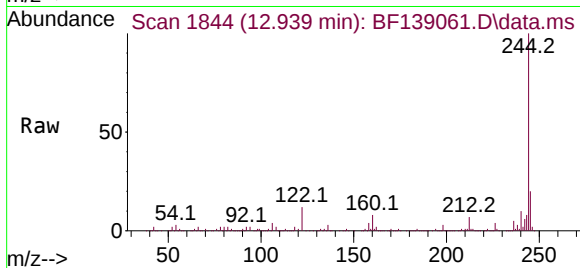
Acq: 16 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



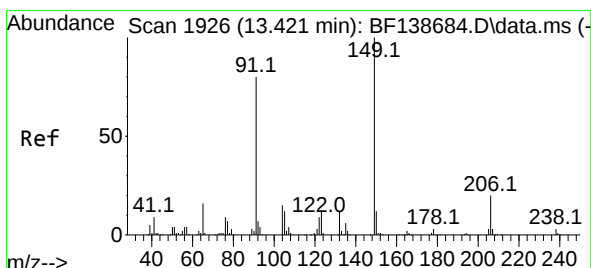
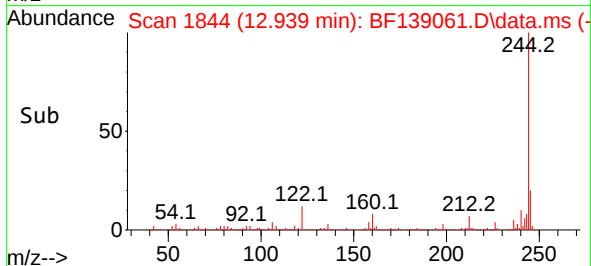
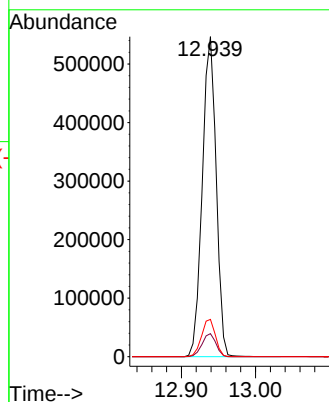
Tgt Ion:244 Resp: 713520

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# 1923

Delta R.T. -0.018 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

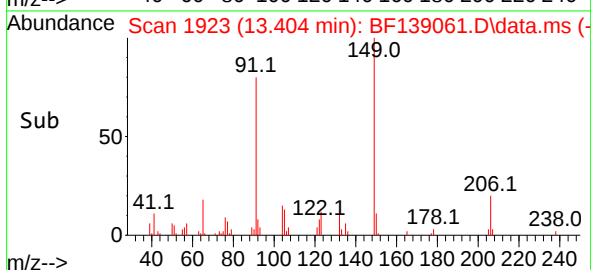
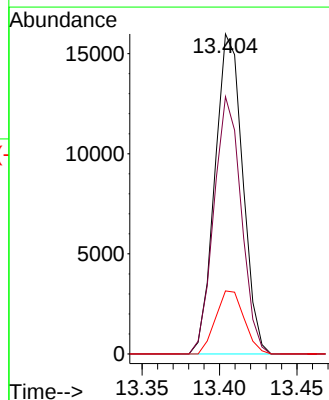
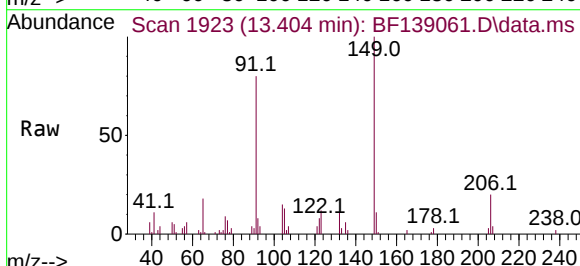
Tgt Ion:149 Resp: 19937

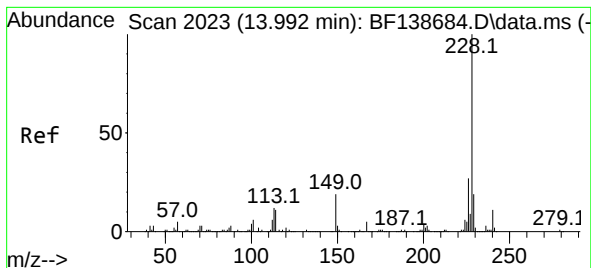
Ion Ratio Lower Upper

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# 2016

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

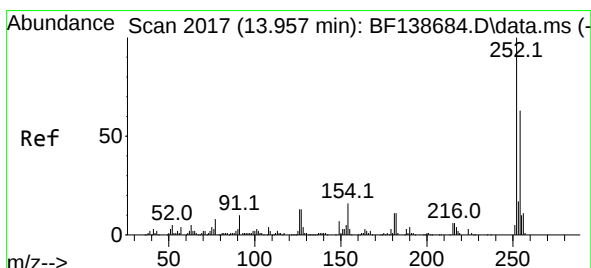
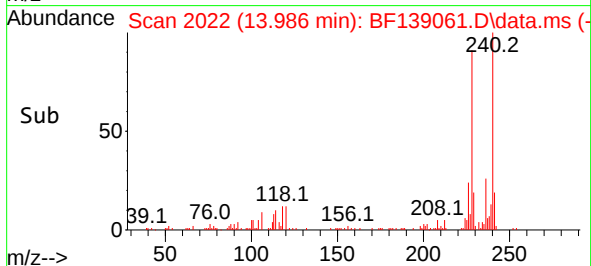
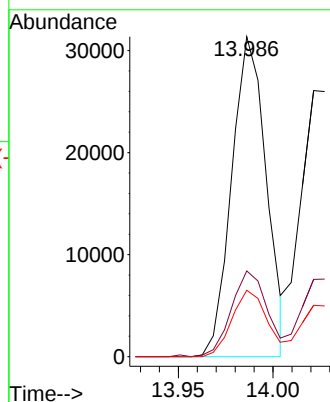
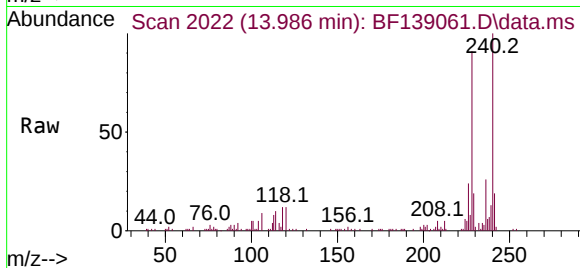
Tgt Ion:228 Resp: 39857

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# 2016

Delta R.T. -0.006 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

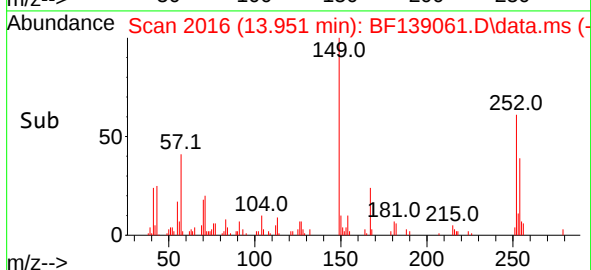
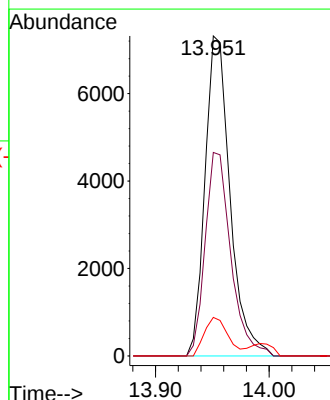
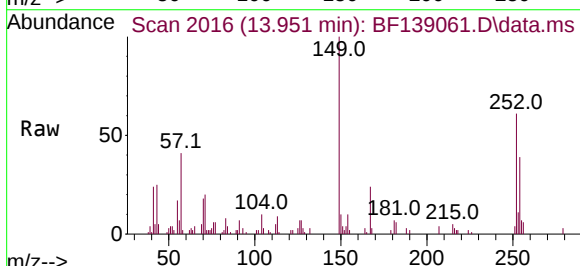
Tgt Ion:252 Resp: 11206

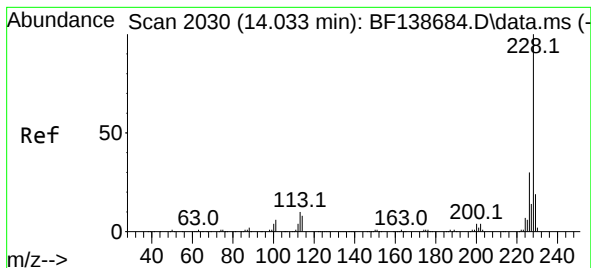
Ion Ratio Lower Upper

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# 2030

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

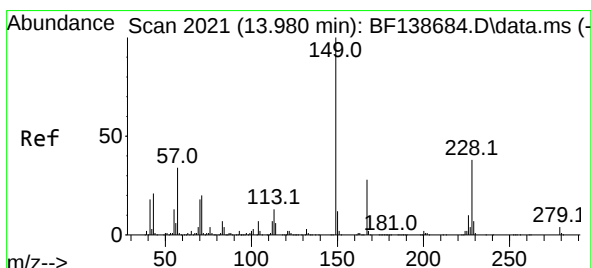
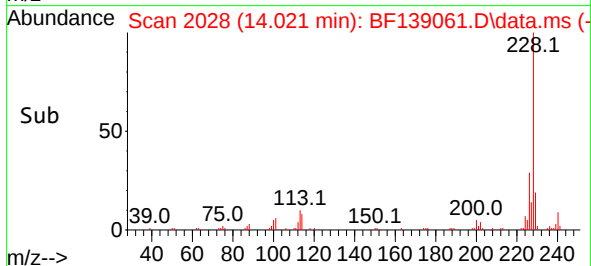
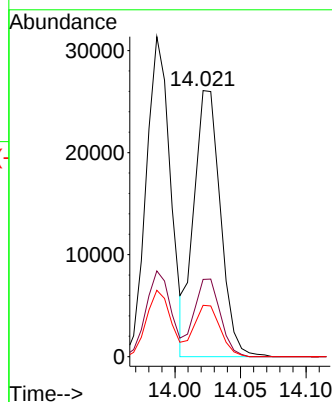
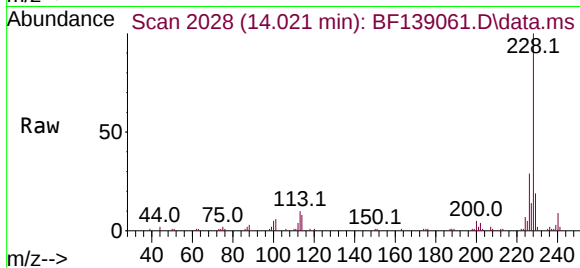
Tgt Ion:228 Resp: 36839

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# 2017

Delta R.T. -0.024 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

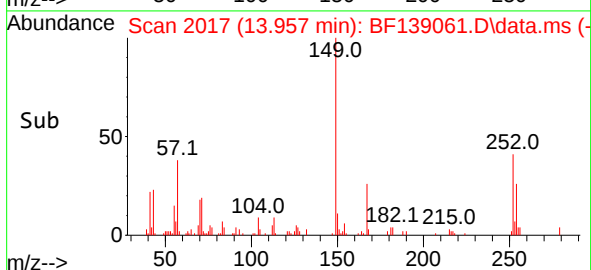
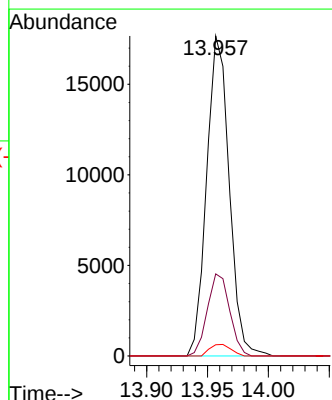
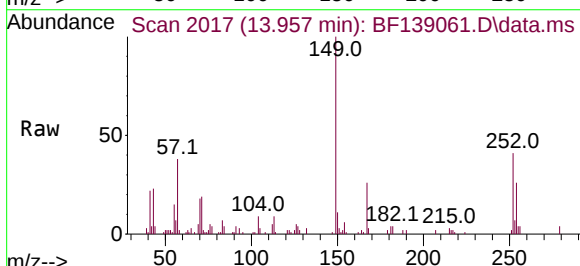
Tgt Ion:149 Resp: 22814

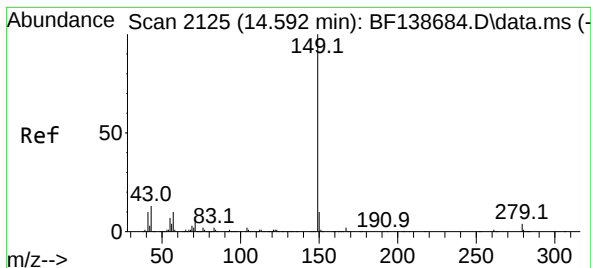
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

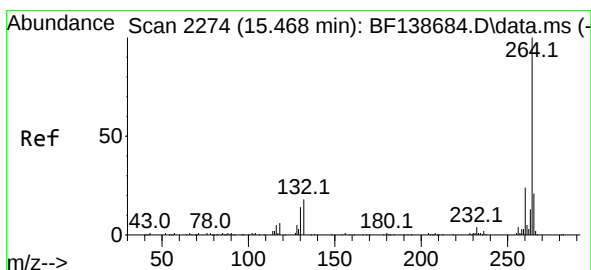
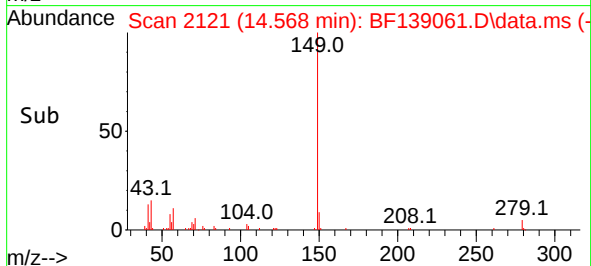
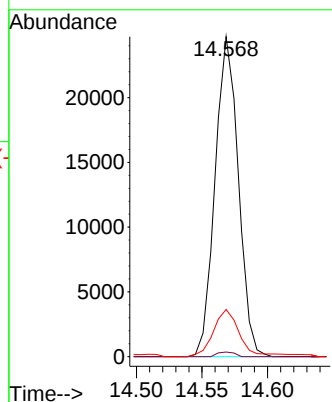
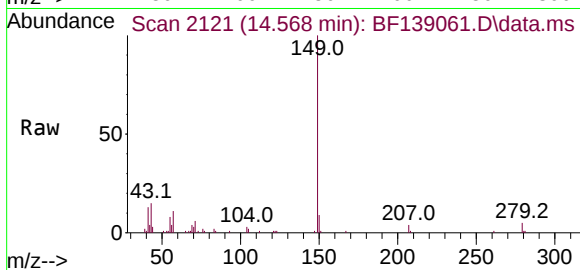
Tgt Ion:149 Resp: 30453

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# 2273

Delta R.T. -0.006 min

Lab File: BF139061.D

Acq: 16 Aug 2024 17:04

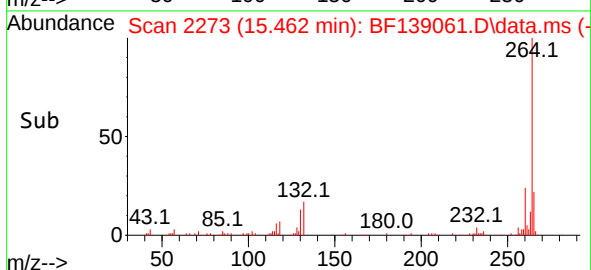
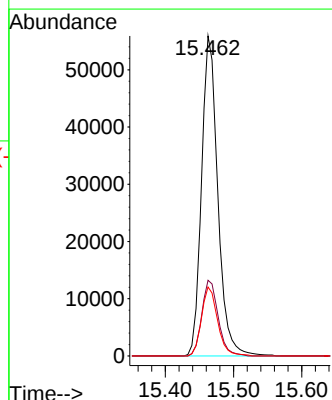
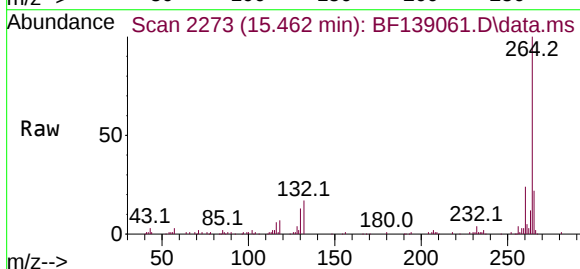
Tgt Ion:264 Resp: 92849

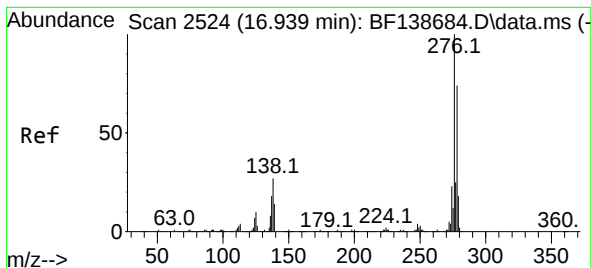
Ion Ratio Lower Upper

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# 21

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

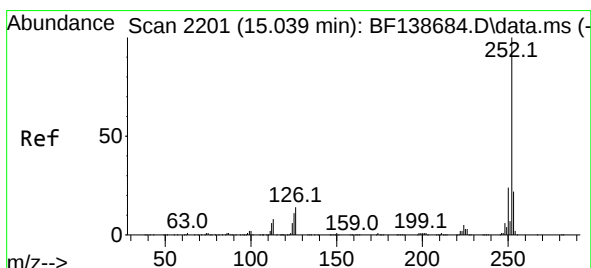
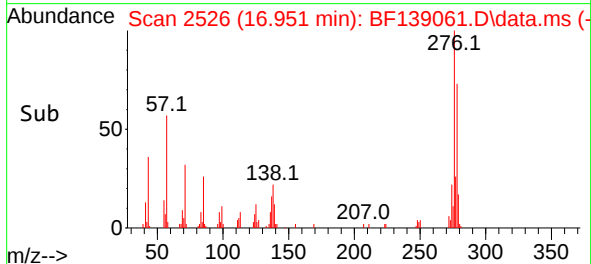
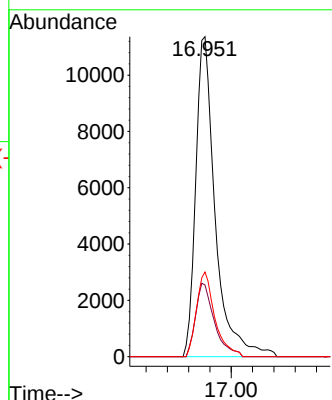
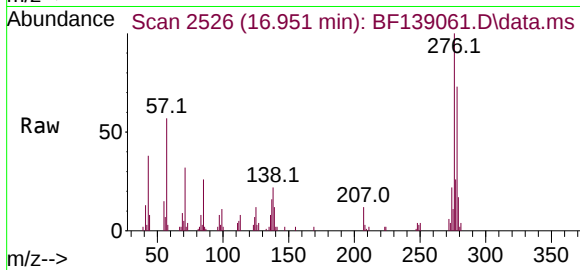
Tgt Ion:276 Resp: 28867

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

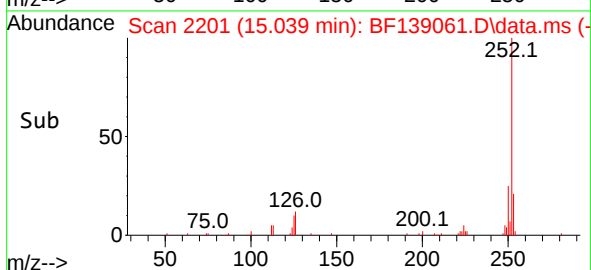
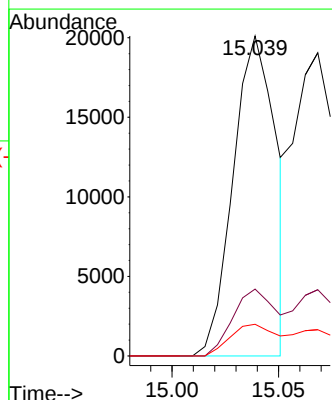
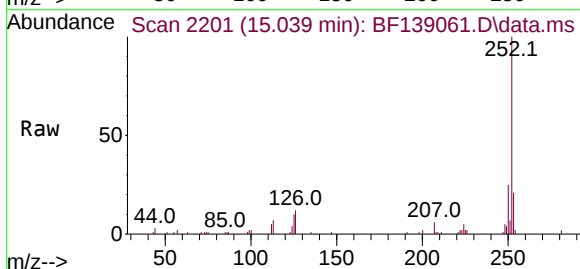
Tgt Ion:252 Resp: 28110

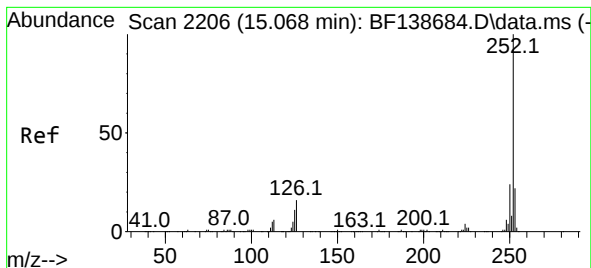
Ion Ratio Lower Upper

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# 21

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

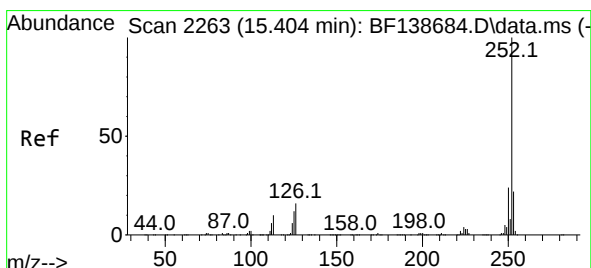
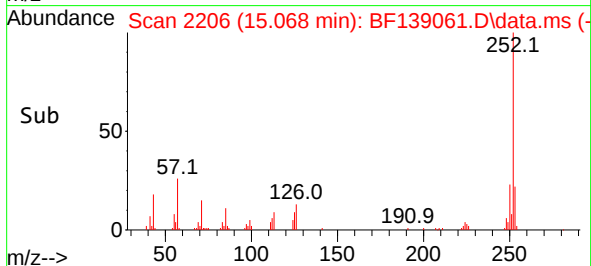
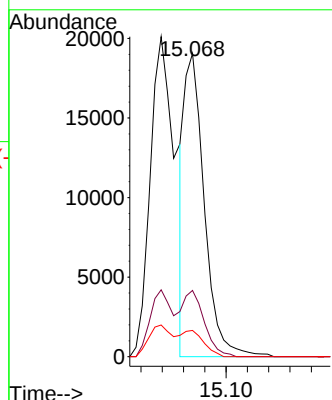
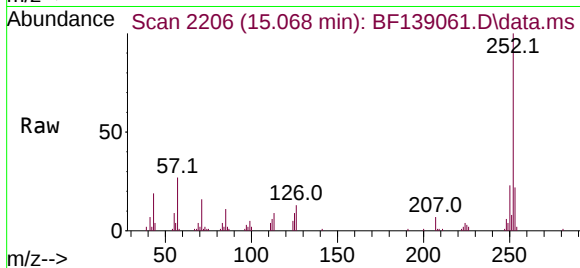
Tgt Ion:252 Resp: 24846

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

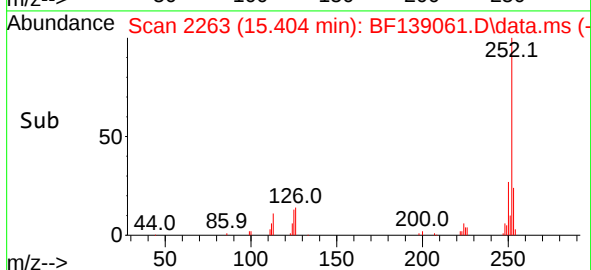
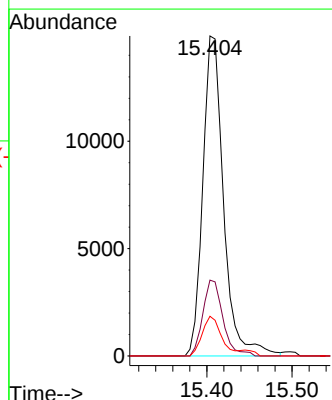
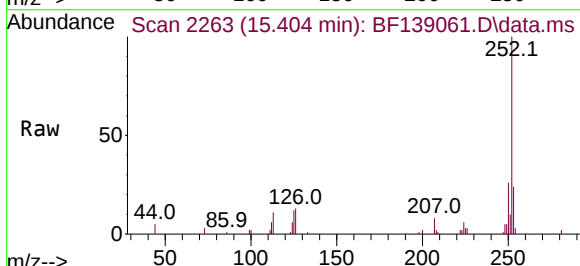
Tgt Ion:252 Resp: 25212

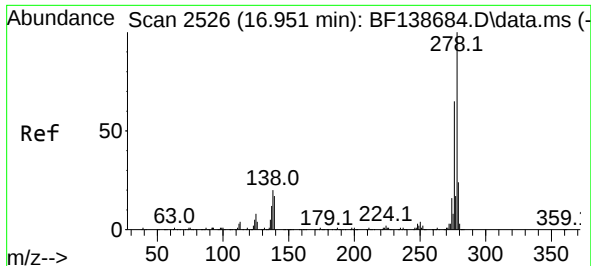
Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

125 12.4 9.5 14.3

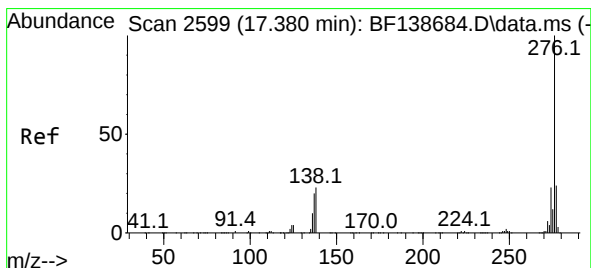
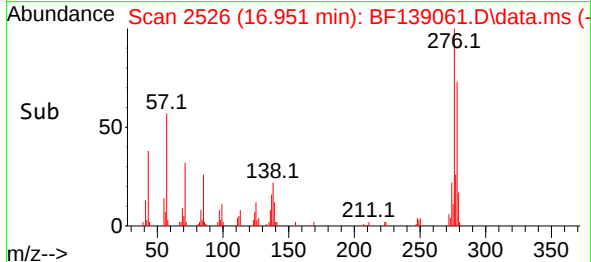
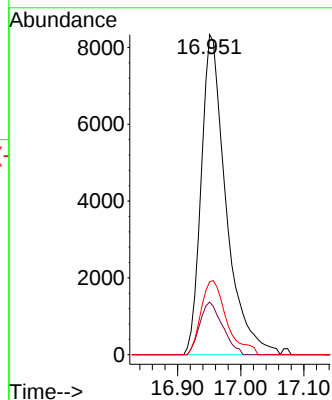
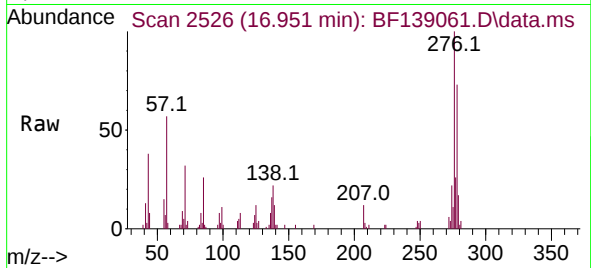




#91
 Dibenzo(a,h)anthracene
 Concen: 4.161 ng
 RT: 16.951 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139061.D
 Acq: 16 Aug 2024 17:04

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

Tgt Ion:	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# 2602
 Delta R.T. 0.018 min
 Lab File: BF139061.D
 Acq: 16 Aug 2024 17:04

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

