

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
 Data File : BF139051.D
 Acq On : 16 Aug 2024 11:13
 Operator : RC/JU
 Sample : P3390-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Aug 16 17:42:12 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	47325	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	193513	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	112290	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	203399	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	114350	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	86144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	292948	95.554	ng	0.00
7) Phenol-d6	6.481	99	399335	97.017	ng	0.00
23) Nitrobenzene-d5	7.404	82	299270	75.611	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	95124	103.418	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	559343	74.843	ng	-0.02
79) Terphenyl-d14	12.939	244	571789	83.719	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	5105	3.803	ng	# 92
3) Pyridine	3.446	79	9512	2.925	ng	95
4) n-Nitrosodimethylamine	3.340	42	7761	4.008	ng	# 83
6) Aniline	6.504	93	17566	4.785	ng	# 67
8) 2-Chlorophenol	6.628	128	14062	4.360	ng	94
9) Benzaldehyde	6.398	77	12031	4.876	ng	99
10) Phenol	6.498	94	18902	4.362	ng	# 57
11) bis(2-Chloroethyl)ether	6.575	93	13330	3.997	ng	98
12) 1,3-Dichlorobenzene	6.775	146	14919	4.132	ng	97
13) 1,4-Dichlorobenzene	6.851	146	15560	4.270	ng	97
14) 1,2-Dichlorobenzene	7.004	146	14229	4.178	ng	92
15) Benzyl Alcohol	6.992	79	15705	5.294	ng	# 79
16) 2,2'-oxybis(1-Chloropr...	7.104	45	25497	4.442	ng	61
17) 2-Methylphenol	7.104	107	10990	4.126	ng	# 81
18) Hexachloroethane	7.339	117	5804	4.232	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	11187	4.500	ng	95
20) 3+4-Methylphenols	7.269	107	14769	4.322	ng	# 57
22) Acetophenone	7.251	105	21024	4.437	ng	# 91
24) Nitrobenzene	7.422	77	18265	4.535	ng	99
25) Isophorone	7.657	82	31355	4.639	ng	95
26) 2-Nitrophenol	7.745	139	7067	4.078	ng	93
27) 2,4-Dimethylphenol	7.786	122	7942	3.831	ng	94
28) bis(2-Chloroethoxy)met...	7.869	93	17308	4.205	ng	98
29) 2,4-Dichlorophenol	8.010	162	11317	4.248	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	13066	4.250	ng	98
31) Naphthalene	8.139	128	42751	4.197	ng	99
32) Benzoic acid	7.963	122	1412	0.866	ng	93
33) 4-Chloroaniline	8.204	127	15293	4.473	ng	96
34) Hexachlorobutadiene	8.245	225	7862	4.222	ng	97
35) Caprolactam	8.539	113	3308	4.161	ng	# 86
36) 4-Chloro-3-methylphenol	8.692	107	13734	4.511	ng	94
37) 2-Methylnaphthalene	8.828	142	27876	4.333	ng	100
38) 1-Methylnaphthalene	8.928	142	26255	4.165	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	12939	4.148	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	6916	3.636	ng	95
44) 2,4,5-Trichlorophenol	9.175	196	7478	3.597	ng	# 88

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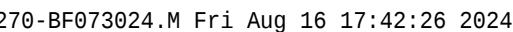
Instrument :
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 LOQ-WATER-02-QT3-2024

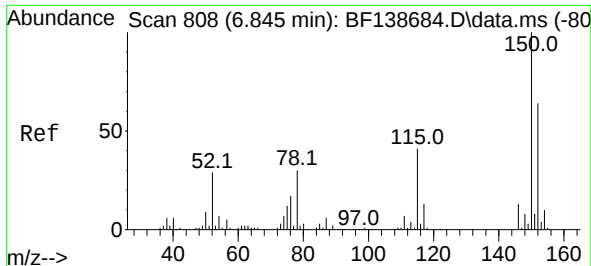
Quant Time: Aug 16 17:42:12 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.286	154	37891	4.309	ng	99
47) 2-Chloronaphthalene	9.316	162	27388	4.187	ng	98
48) 2-Nitroaniline	9.428	65	9529	4.297	ng	92
49) Acenaphthylene	9.727	152	42543	4.586	ng	100
50) Dimethylphthalate	9.586	163	34072	4.745	ng	98
51) 2,6-Dinitrotoluene	9.657	165	6852	4.229	ng	# 72
52) Acenaphthene	9.898	154	26916	4.316	ng	96
53) 3-Nitroaniline	9.839	138	6627	3.956	ng	86
54) 2,4-Dinitrophenol	10.004	184	173	0.232	ng	# 64
55) Dibenzofuran	10.075	168	39971	4.541	ng	95
56) 4-Nitrophenol	10.075	139	18766	18.629	ng	# 7
57) 2,4-Dinitrotoluene	10.075	165	8531	4.127	ng	# 67
58) Fluorene	10.416	166	32436	4.627	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	5111	3.215	ng	# 92
60) Diethylphthalate	10.280	149	32378	4.756	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	16067	4.660	ng	93
62) 4-Nitroaniline	10.451	138	5361	3.368	ng	# 76
63) Azobenzene	10.569	77	34851	4.616	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	2772	2.234	ng	# 76
66) n-Nitrosodiphenylamine	10.527	169	27353	4.302	ng	97
67) 4-Bromophenyl-phenylether	10.898	248	8807	3.999	ng	94
68) Hexachlorobenzene	10.963	284	9488	4.173	ng	97
69) Atrazine	11.051	200	8486	5.173	ng	97
71) Phenanthrene	11.380	178	48547	4.635	ng	99
72) Anthracene	11.433	178	45636	4.423	ng	99
73) Carbazole	11.598	167	38010	4.270	ng	99
74) Di-n-butylphthalate	11.910	149	49174	4.914	ng	99
75) Fluoranthene	12.574	202	45826	4.687	ng	95
77) Benzidine	12.698	184	10308	3.769	ng	# 96
78) Pyrene	12.804	202	45742	4.249	ng	99
80) Butylbenzylphthalate	13.410	149	15712	4.557	ng	95
81) Benzo(a)anthracene	13.992	228	33160	4.211	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	9009	4.471	ng	93
83) Chrysene	14.027	228	29182	4.108	ng	97
84) Bis(2-ethylhexyl)phtha...	13.963	149	18058	3.577	ng	# 96
85) Di-n-octyl phthalate	14.574	149	24507	2.624	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.956	276	22023	3.567	ng	96
88) Benzo(b)fluoranthene	15.068	252	22014	4.122	ng	98
89) Benzo(k)fluoranthene	15.068	252	22014	4.761	ng	98
90) Benzo(a)pyrene	15.409	252	20498	4.563	ng	98
91) Dibenzo(a,h)anthracene	16.962	278	18151	3.582	ng	98
92) Benzo(g,h,i)perylene	17.403	276	17392	3.307	ng	98

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

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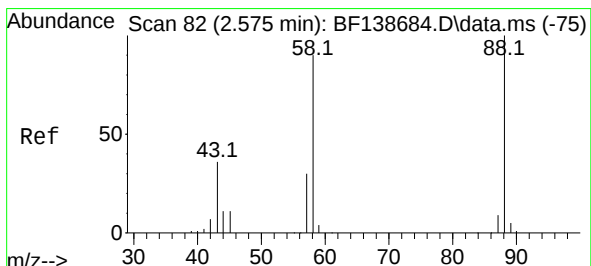
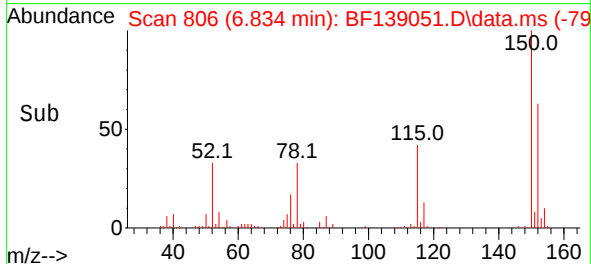
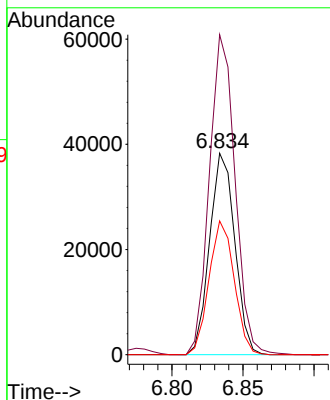
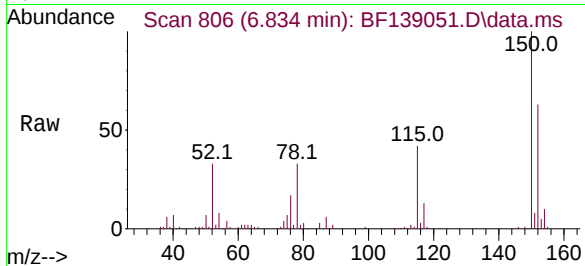




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

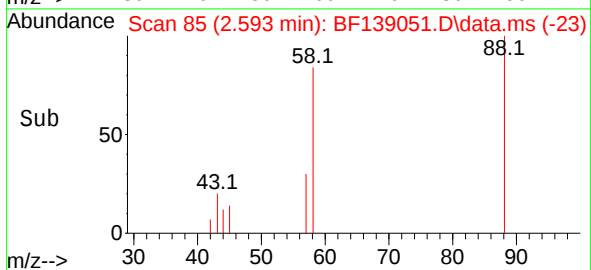
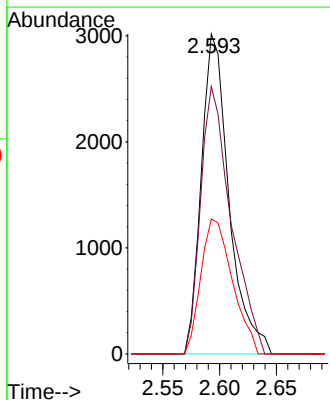
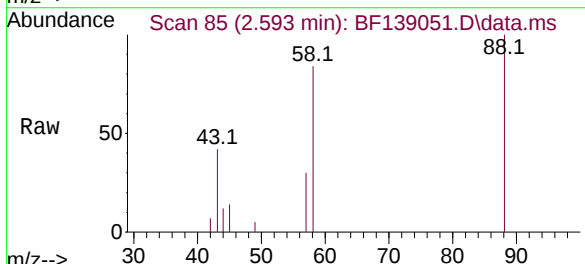
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

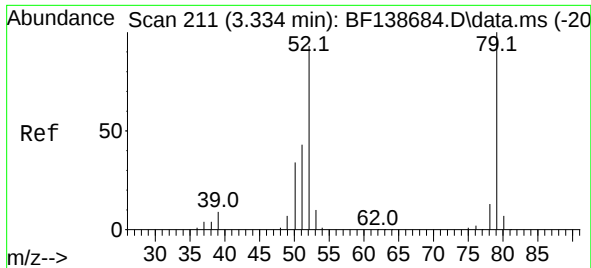
Tgt Ion:152 Resp: 47325
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 66.4 51.7 77.5



#2
1,4-Dioxane
Concen: 3.803 ng
RT: 2.593 min Scan# 85
Delta R.T. 0.018 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

Tgt Ion: 88 Resp: 5105
Ion Ratio Lower Upper
88 100
58 92.1 71.6 107.4
43 48.0 28.7 43.1#





#3

Pyridine

Concen: 2.925 ng

RT: 3.446 min Scan# 211

Delta R.T. 0.112 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

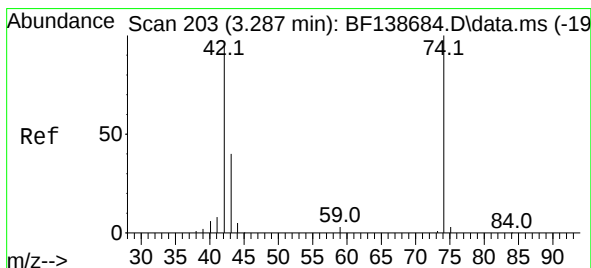
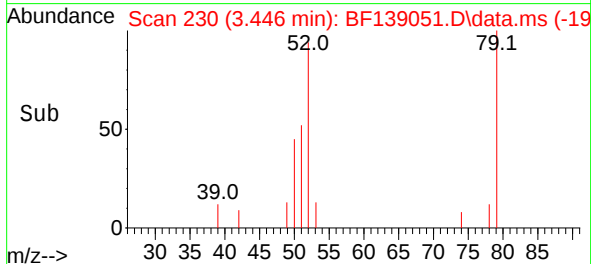
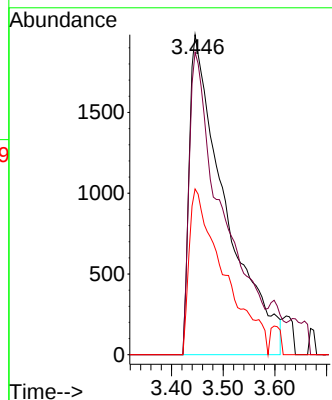
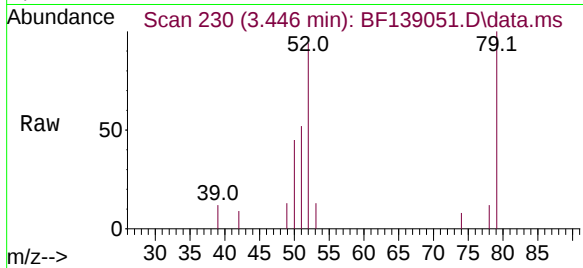
Tgt Ion: 79 Resp: 9512

Ion Ratio Lower Upper

79 100

52 94.5 74.7 112.1

51 51.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 4.008 ng

RT: 3.340 min Scan# 212

Delta R.T. 0.053 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

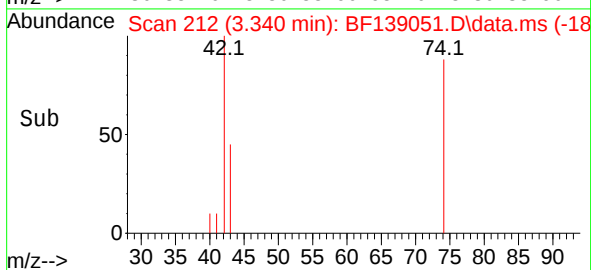
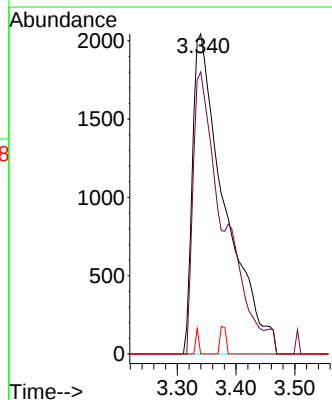
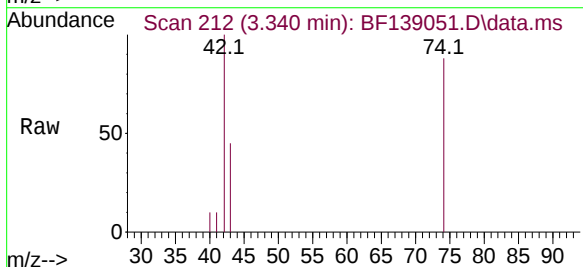
Tgt Ion: 42 Resp: 7761

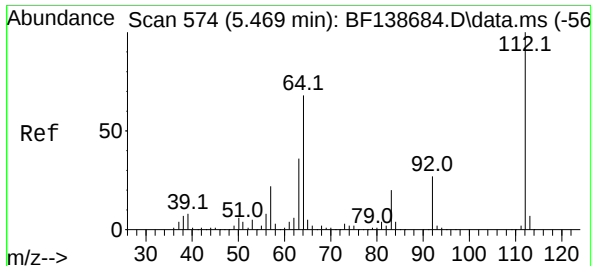
Ion Ratio Lower Upper

42 100

74 88.2 84.2 126.4

44 0.0 4.9 7.3#

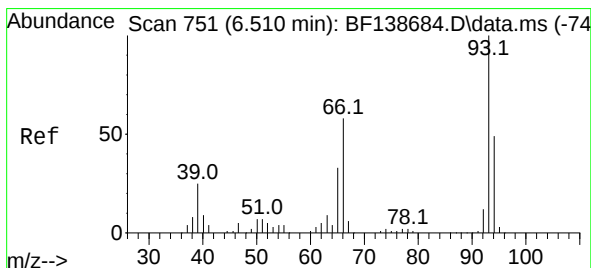
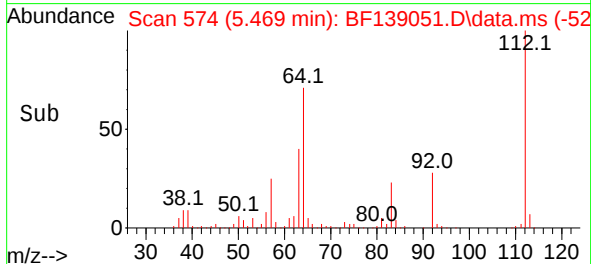
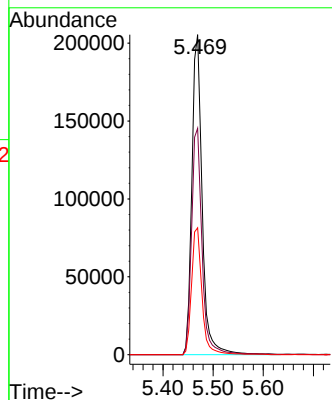
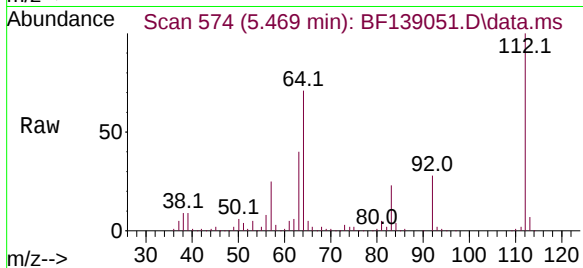




#5
2-Fluorophenol
Concen: 95.554 ng
RT: 5.469 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

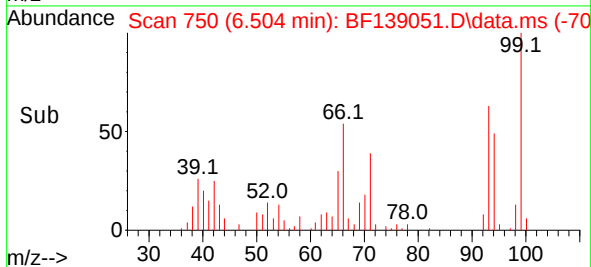
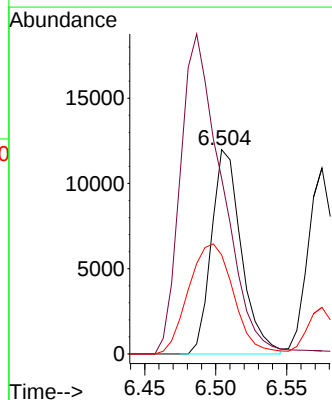
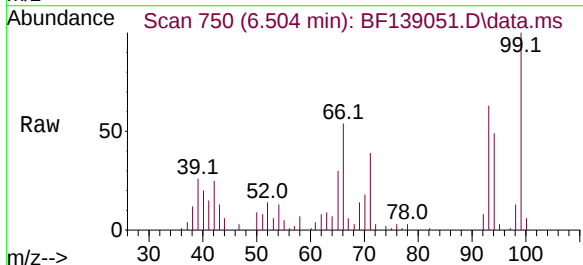
Instrument :
BNA_F
ClientSampleId :
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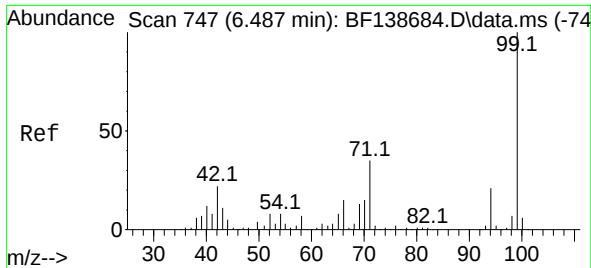
Tgt Ion:112 Resp: 292948
Ion Ratio Lower Upper
112 100
64 70.7 54.2 81.4
63 39.6 28.7 43.1



#6
Aniline
Concen: 4.785 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

Tgt Ion: 93 Resp: 17566
Ion Ratio Lower Upper
93 100
66 86.0 46.9 70.3#
65 48.4 26.5 39.7#





#7

Phenol-d6

Concen: 97.017 ng

RT: 6.481 min Scan# 747

Delta R.T. -0.006 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

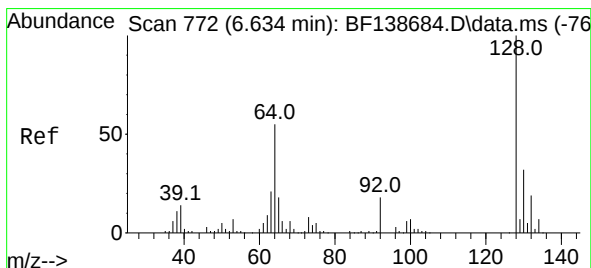
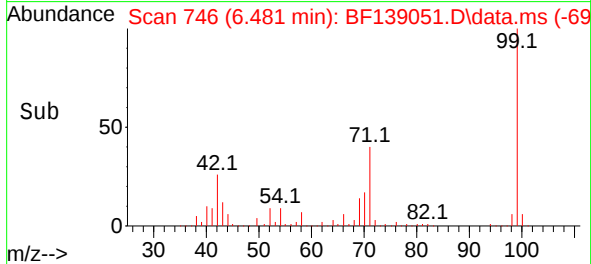
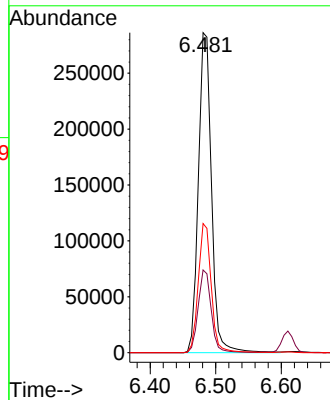
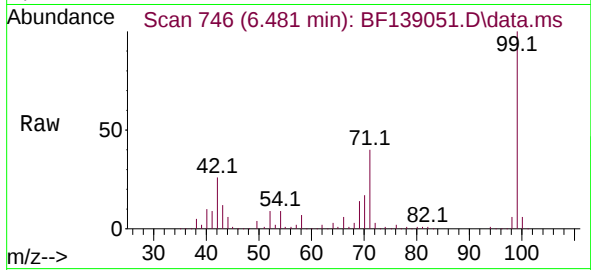
Tgt Ion: 99 Resp: 399335

Ion Ratio Lower Upper

99 100

42 25.9 17.4 26.0

71 40.4 28.1 42.1



#8

2-Chlorophenol

Concen: 4.360 ng

RT: 6.628 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

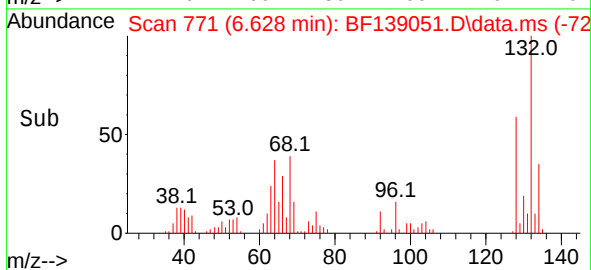
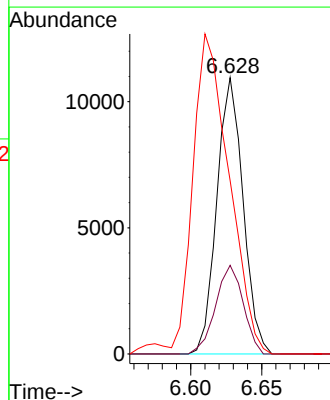
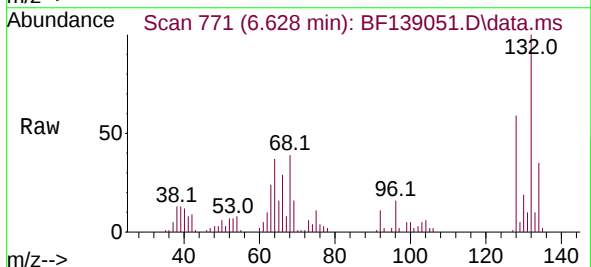
Tgt Ion:128 Resp: 14062

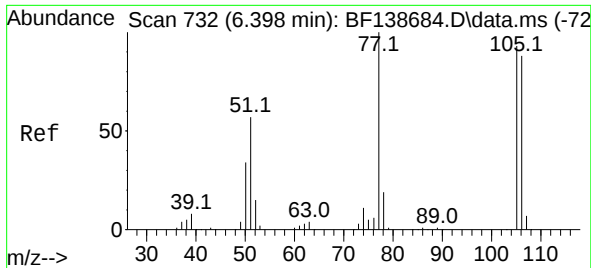
Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

64 62.8 36.3 76.3





#9

Benzaldehyde

Concen: 4.876 ng

RT: 6.398 min Scan# 732

Delta R.T. 0.000 min

Lab File: BF139051.D

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Instrument :

BNA_F

ClientSampleId :

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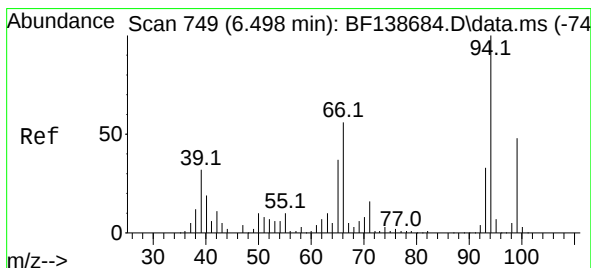
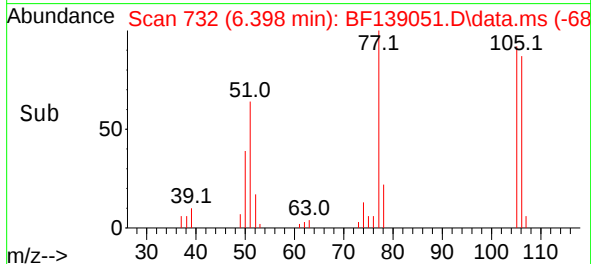
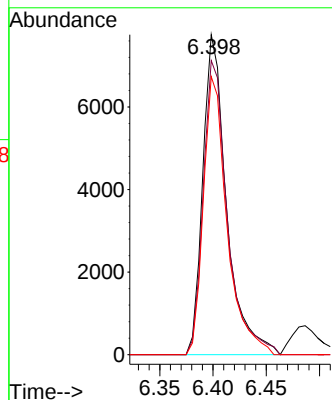
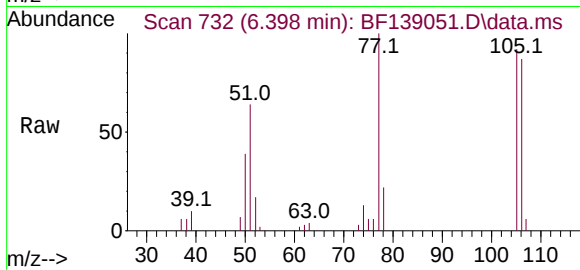
Tgt Ion: 77 Resp: 12031

Ion Ratio Lower Upper

77 100

105 91.9 72.9 112.9

106 86.9 68.4 108.4



#10

Phenol

Concen: 4.362 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

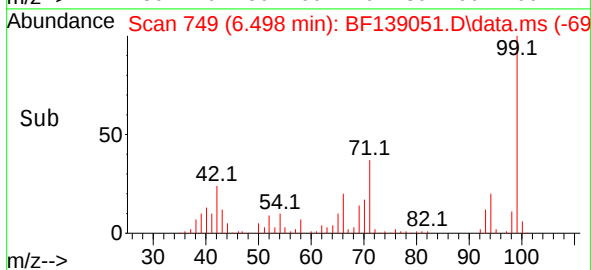
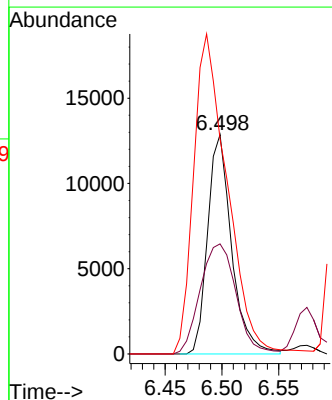
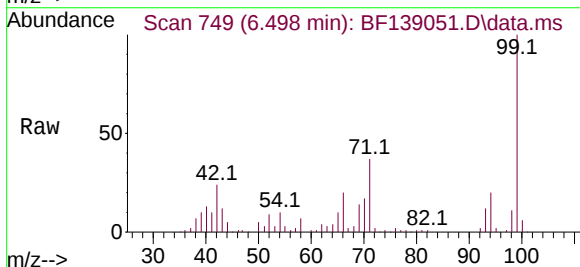
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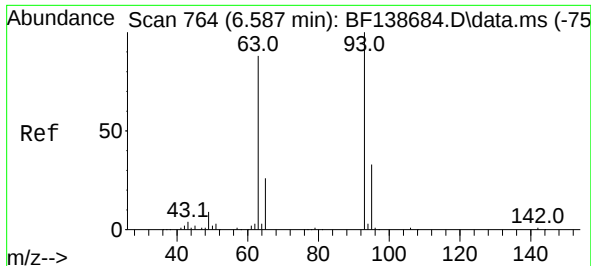
Ion Ratio Lower Upper

94 100

65 50.2 16.9 56.9

66 98.1 36.5 76.5#





#11

bis(2-Chloroethyl)ether

Concen: 3.997 ng

RT: 6.575 min Scan# 7

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

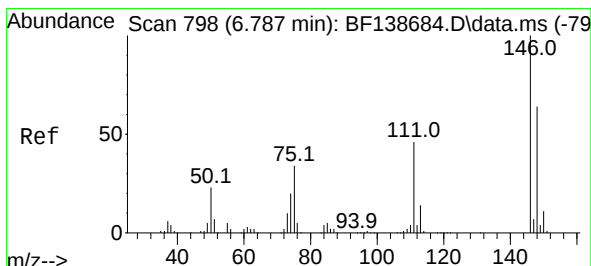
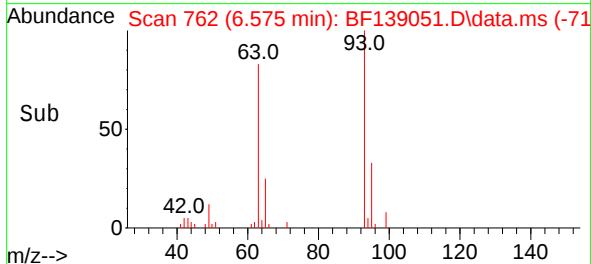
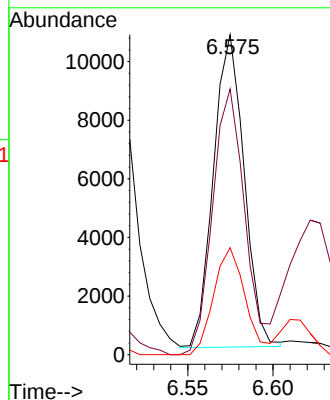
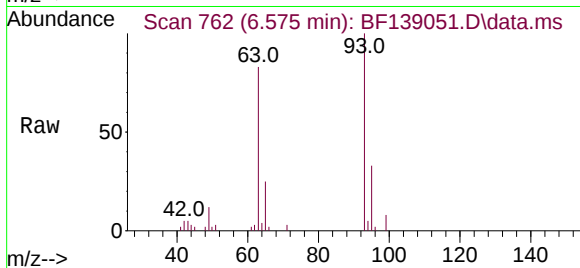
Tgt Ion: 93 Resp: 13330

Ion Ratio Lower Upper

93 100

63 83.1 65.3 105.3

95 33.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 4.132 ng

RT: 6.775 min Scan# 796

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

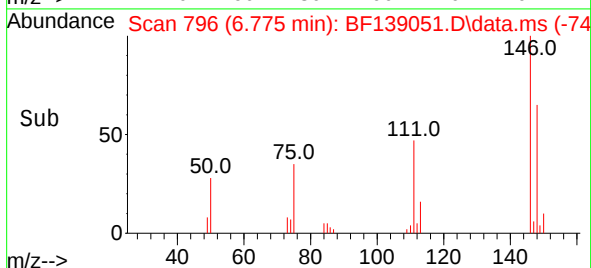
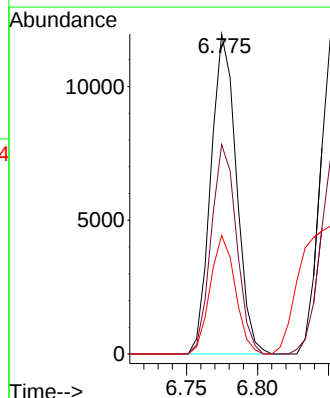
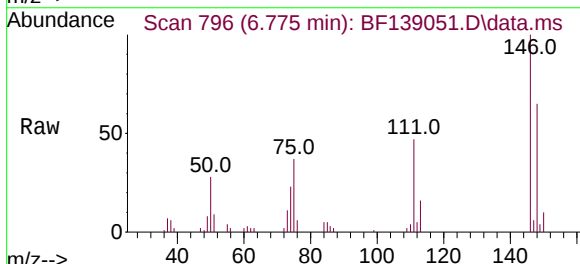
Tgt Ion:146 Resp: 14919

Ion Ratio Lower Upper

146 100

148 65.4 51.2 76.8

75 37.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 4.270 ng

RT: 6.851 min Scan# 809

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

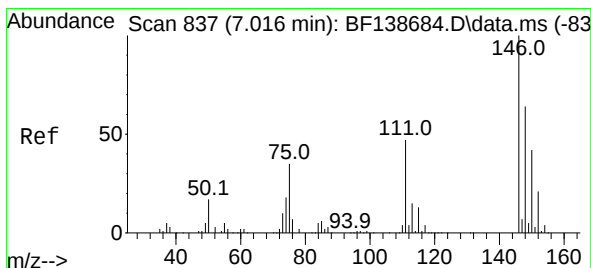
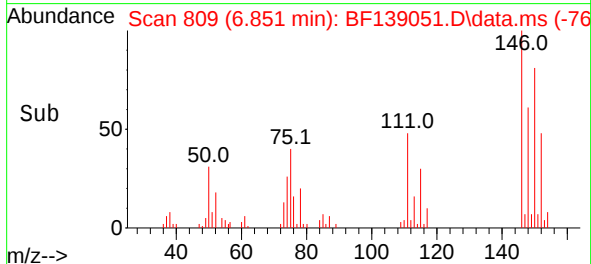
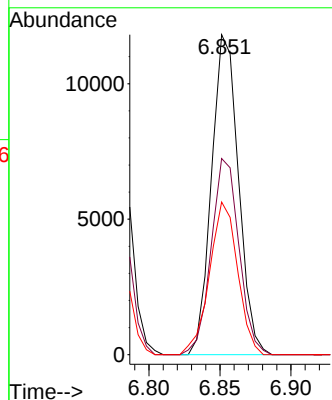
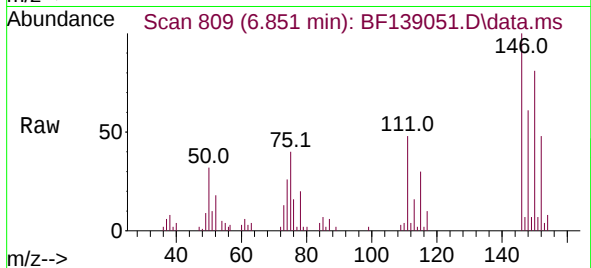
Tgt Ion:146 Resp: 15560

Ion Ratio Lower Upper

146 100

148 61.3 50.2 75.2

111 47.7 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 4.178 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

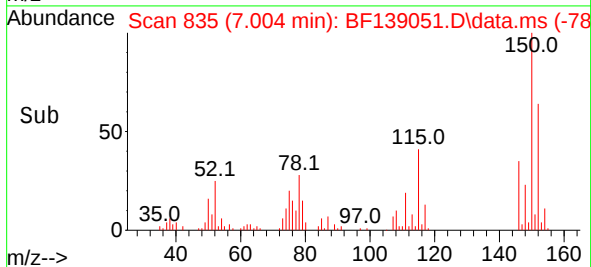
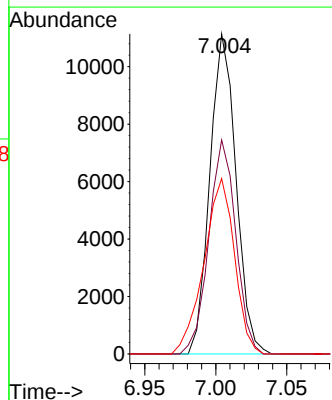
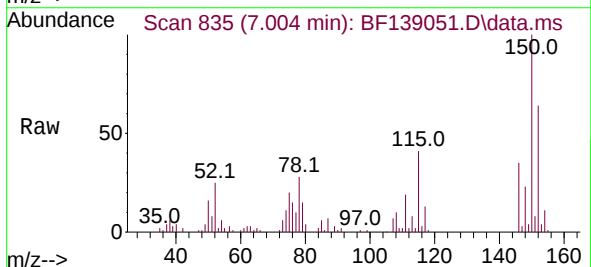
Tgt Ion:146 Resp: 14229

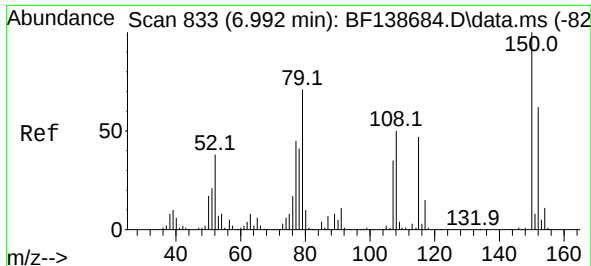
Ion Ratio Lower Upper

146 100

148 66.9 50.8 76.2

111 54.8 37.4 56.2





#15

Benzyl Alcohol

Concen: 5.294 ng

RT: 6.992 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

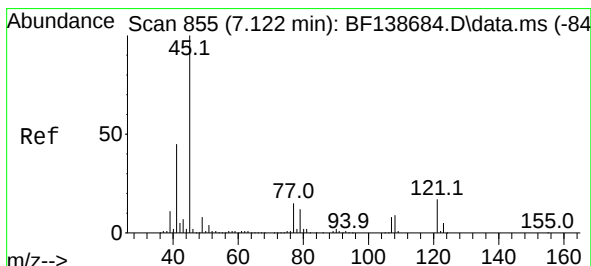
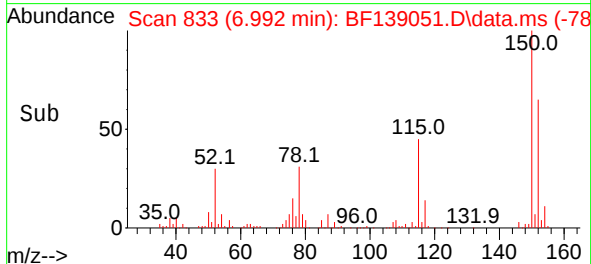
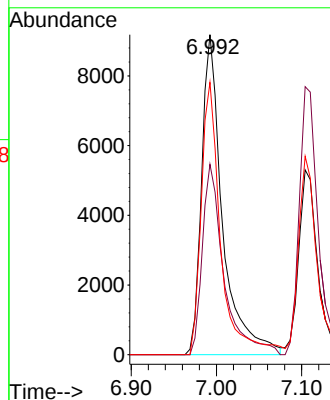
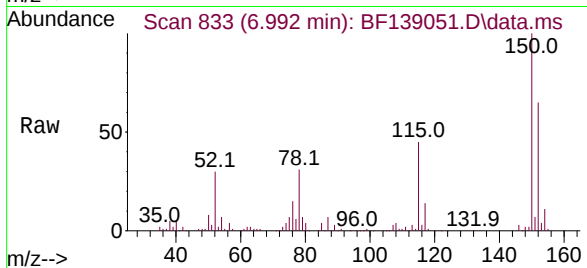
Tgt Ion: 79 Resp: 15705

Ion Ratio Lower Upper

79 100

108 59.5 56.6 85.0

77 85.1 50.3 75.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.442 ng

RT: 7.104 min Scan# 852

Delta R.T. -0.018 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

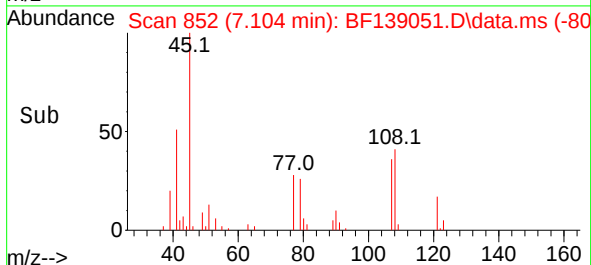
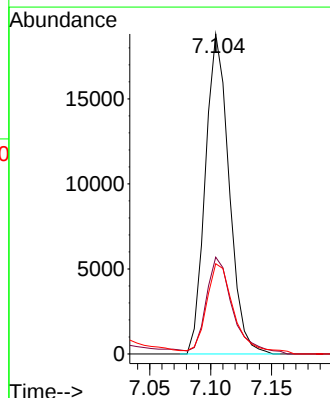
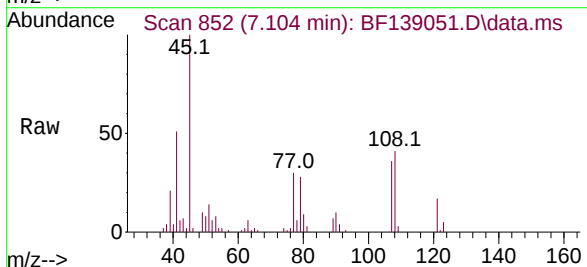
Tgt Ion: 45 Resp: 25497

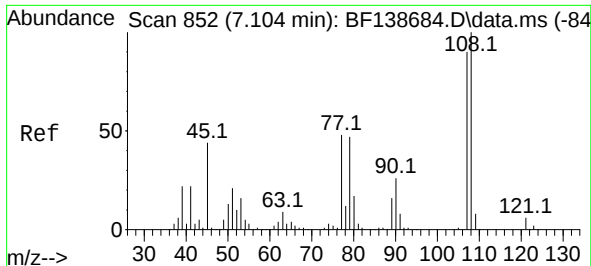
Ion Ratio Lower Upper

45 100

77 30.3 0.0 34.9

79 28.2 0.0 32.2

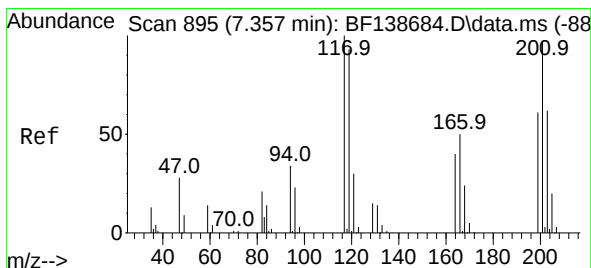
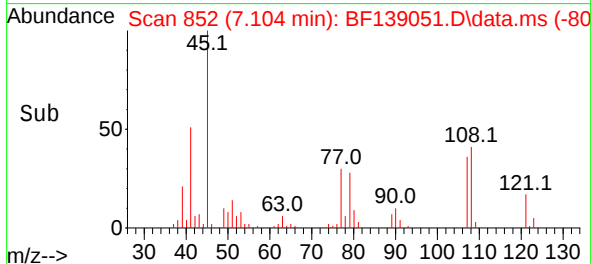
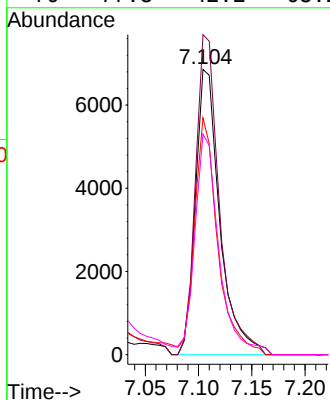
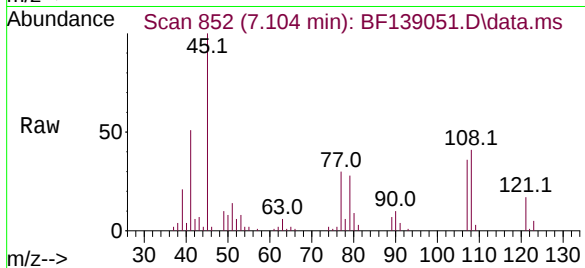




#17
2-Methylphenol
Concen: 4.126 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

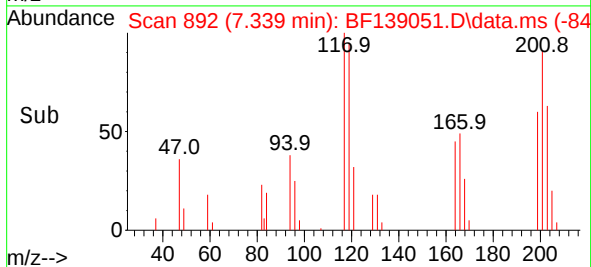
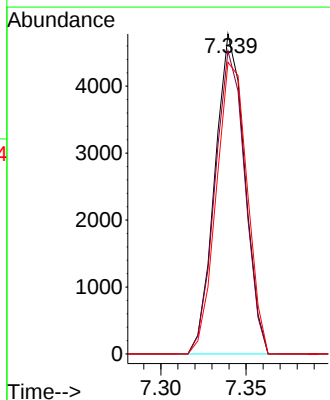
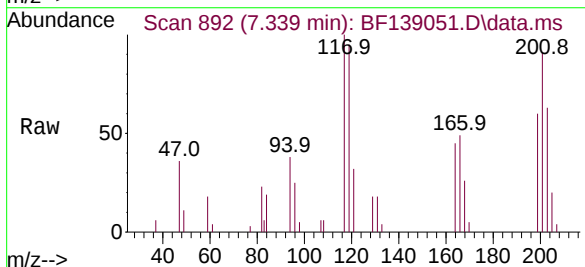
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:	107	Resp:	10990
Ion Ratio	Lower	Upper	
107	100		
108	112.2	89.2	133.8
77	83.0	43.0	64.4#
79	77.3	42.2	63.2#



#18
Hexachloroethane
Concen: 4.232 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

Tgt Ion:	117	Resp:	5804
Ion Ratio	Lower	Upper	
117	100		
119	94.7	74.6	111.8
201	91.2	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 4.500 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF139051.D

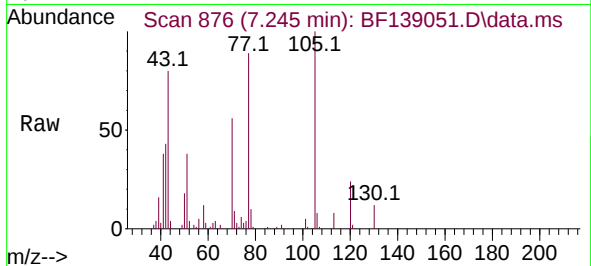
Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion: 70 Resp: 11187

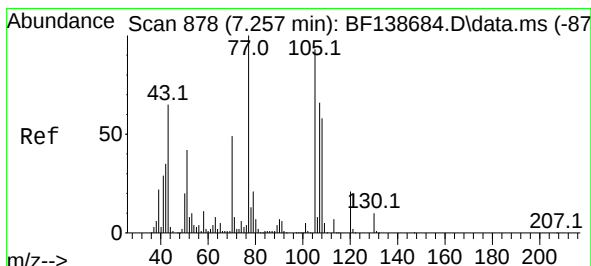
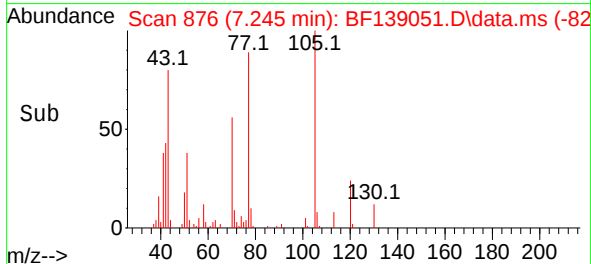
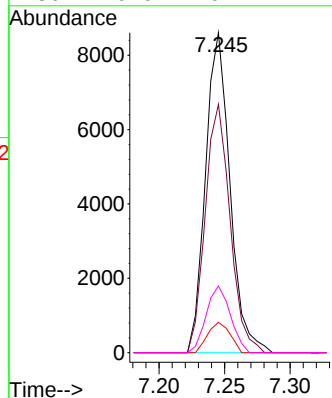
Ion Ratio Lower Upper

70 100

42 77.6 57.4 86.0

101 9.5 7.5 11.3

130 20.9 16.4 24.6



#20

3+4-Methylphenols

Concen: 4.322 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Tgt Ion:107 Resp: 14769

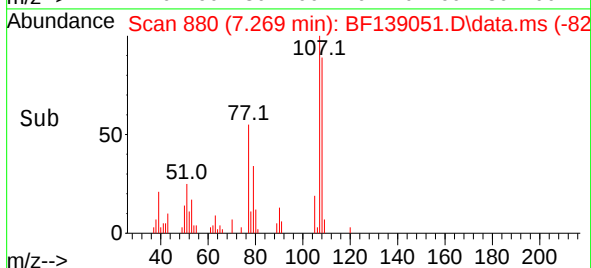
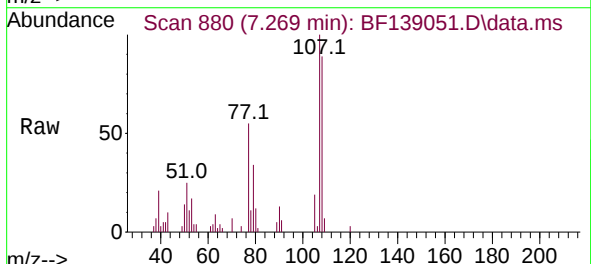
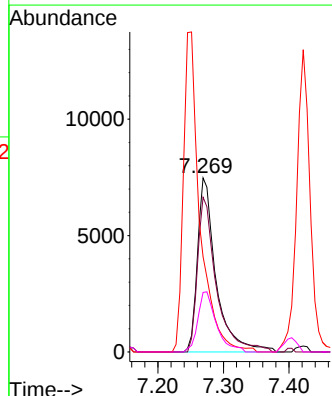
Ion Ratio Lower Upper

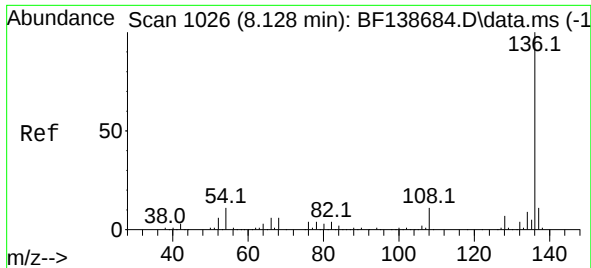
107 100

108 88.9 68.2 108.2

77 54.7 132.1 172.1#

79 34.2 11.5 51.5

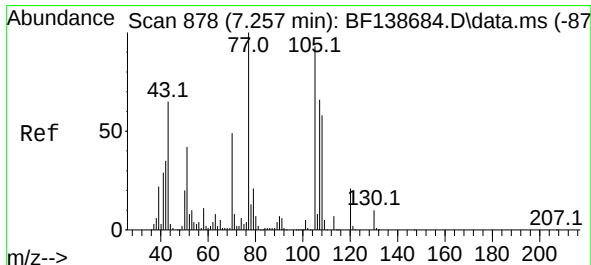
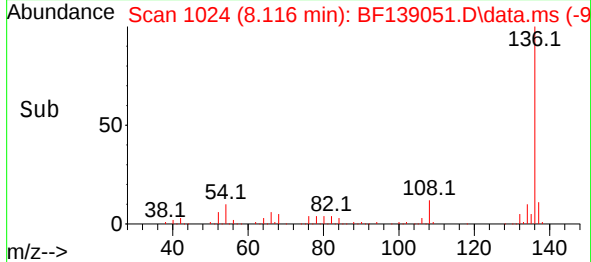
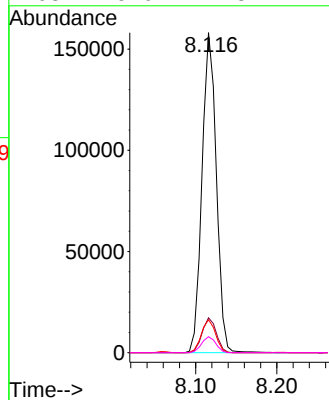
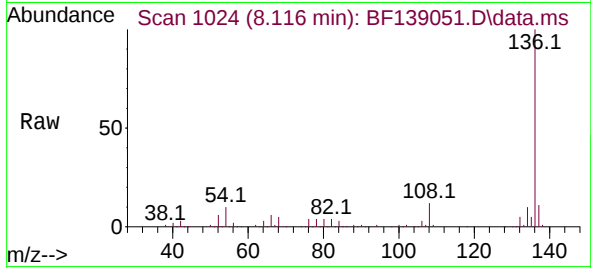




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

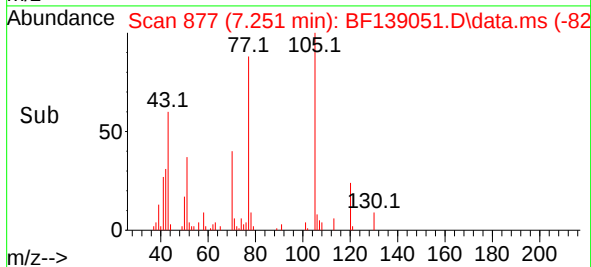
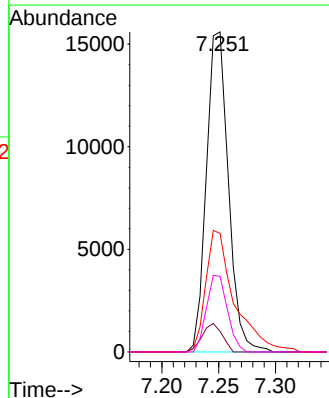
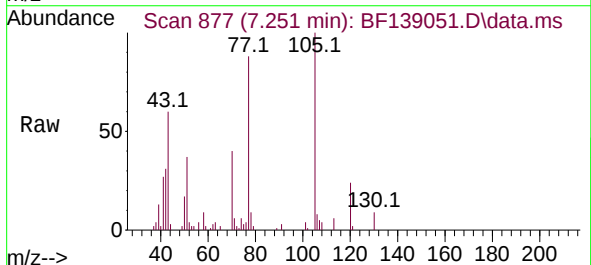
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

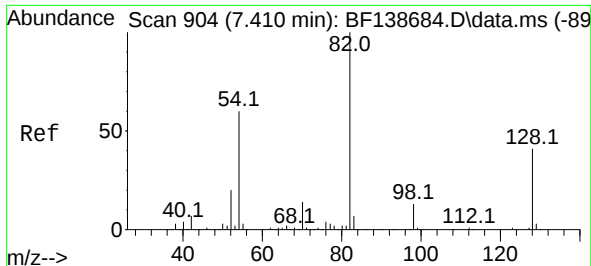
Tgt	Ion:136	Resp:	193513
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.3	8.6	12.8
68	5.0	4.8	7.2



#22
Acetophenone
Concen: 4.437 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

Tgt Ion:105	Resp: 21024
Ion Ratio	Lower Upper
105 100	
71 6.5	7.2 10.8#
51 37.0	35.9 53.9
120 23.6	17.6 26.4





#23

Nitrobenzene-d5

Concen: 75.611 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

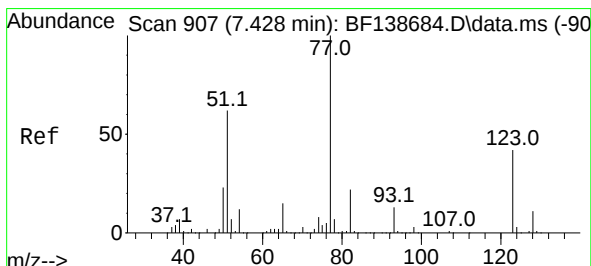
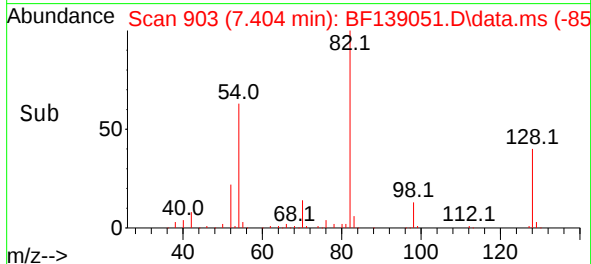
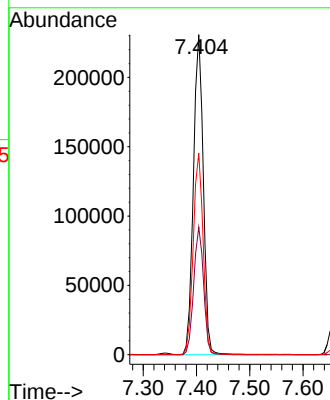
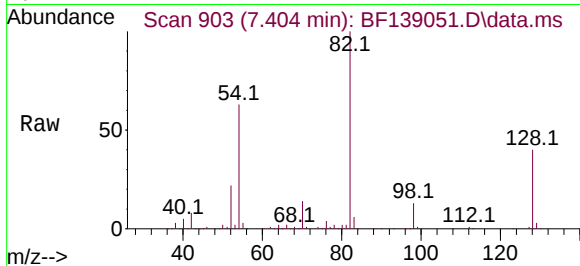
Tgt Ion: 82 Resp: 299270

Ion Ratio Lower Upper

82 100

128 39.9 32.8 49.2

54 62.9 48.3 72.5



#24

Nitrobenzene

Concen: 4.535 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

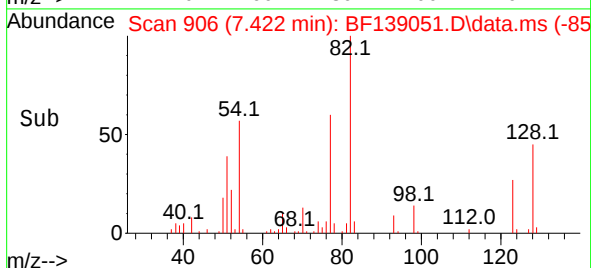
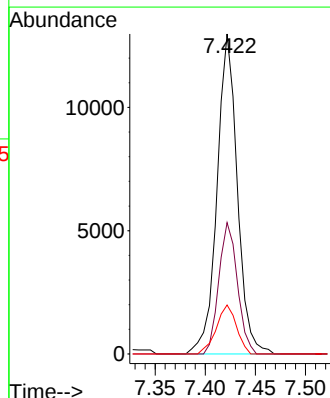
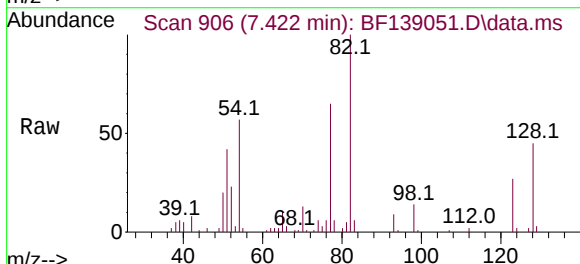
Tgt Ion: 77 Resp: 18265

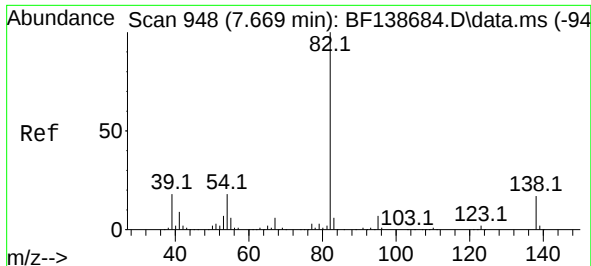
Ion Ratio Lower Upper

77 100

123 41.1 33.3 49.9

65 15.3 11.9 17.9





#25

Isophorone

Concen: 4.639 ng

RT: 7.657 min Scan# 946

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

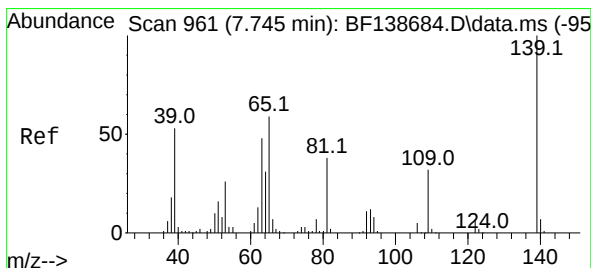
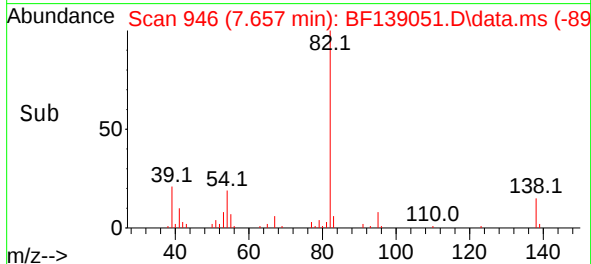
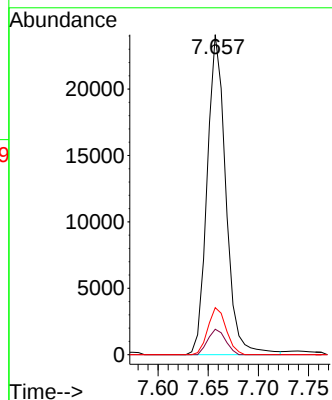
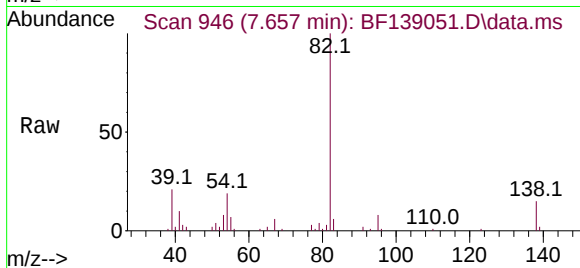
Tgt Ion: 82 Resp: 31355

Ion Ratio Lower Upper

82 100

95 8.0 5.7 8.5

138 14.7 13.7 20.5



#26

2-Nitrophenol

Concen: 4.078 ng

RT: 7.745 min Scan# 961

Delta R.T. -0.000 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

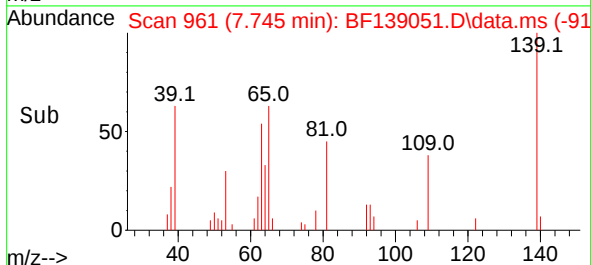
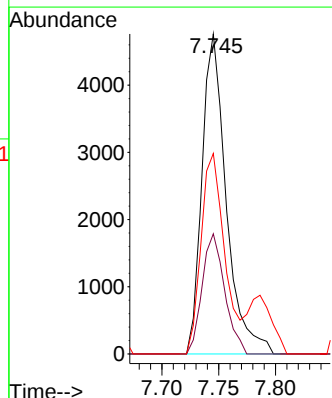
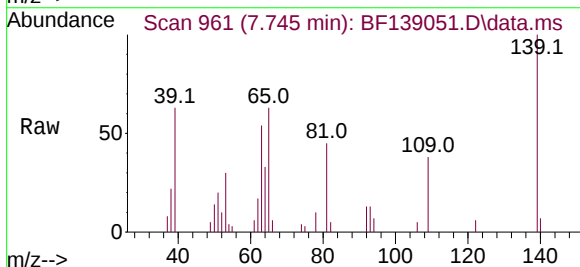
Tgt Ion:139 Resp: 7067

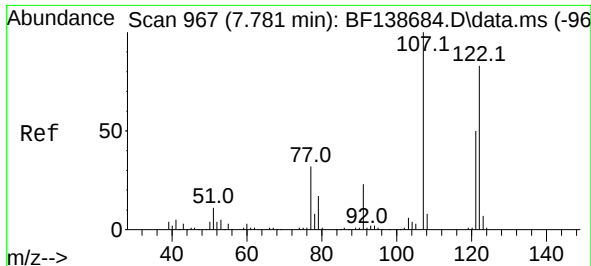
Ion Ratio Lower Upper

139 100

109 37.6 25.9 38.9

65 62.7 47.0 70.6

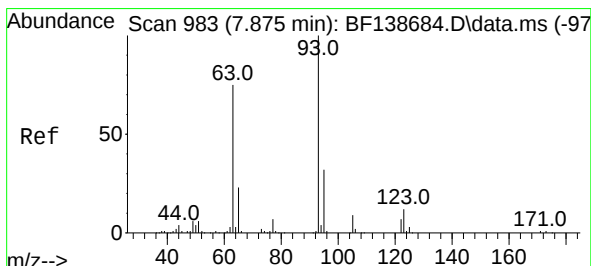
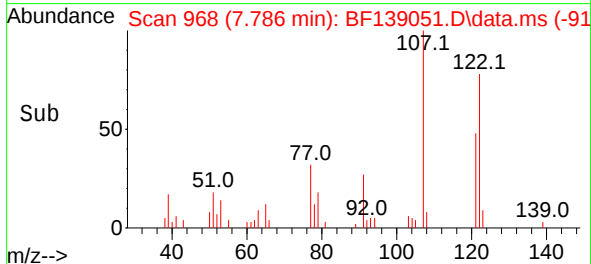
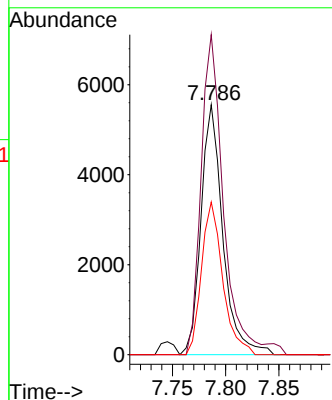
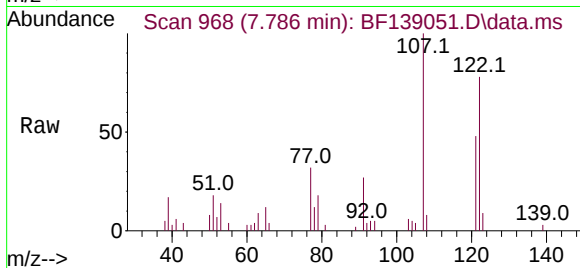




#27
2,4-Dimethylphenol
Concen: 3.831 ng
RT: 7.786 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

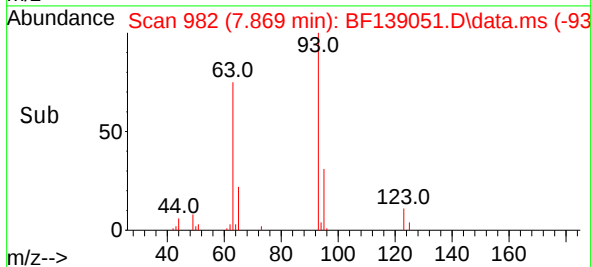
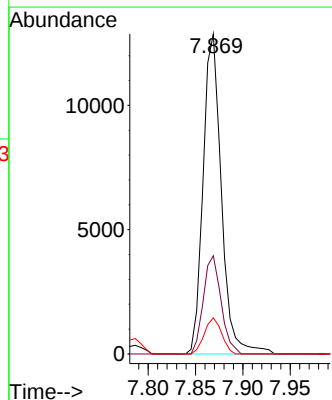
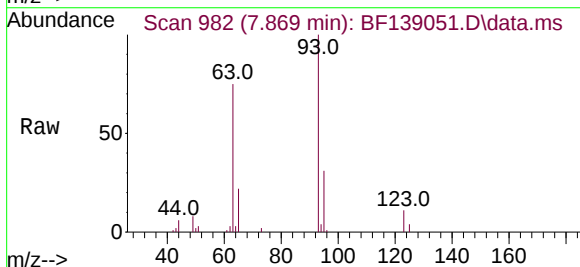
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

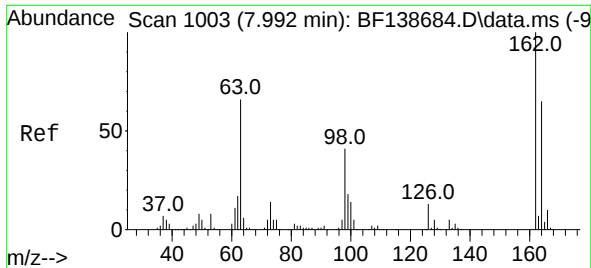
Tgt Ion:122 Resp: 7942
Ion Ratio Lower Upper
122 100
107 128.0 95.0 142.6
121 61.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 4.205 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

Tgt Ion: 93 Resp: 17308
Ion Ratio Lower Upper
93 100
95 30.7 25.8 38.8
123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 4.248 ng

RT: 8.010 min Scan# 1006

Delta R.T. 0.018 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

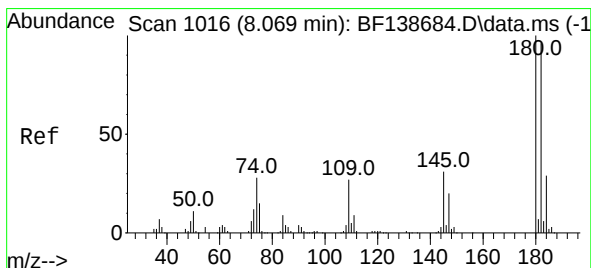
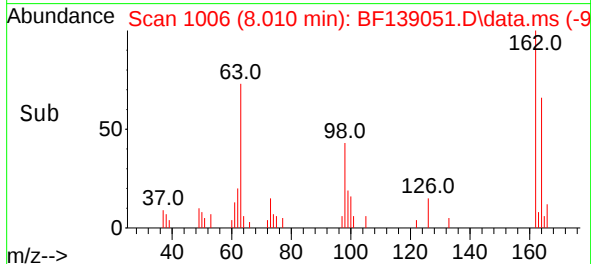
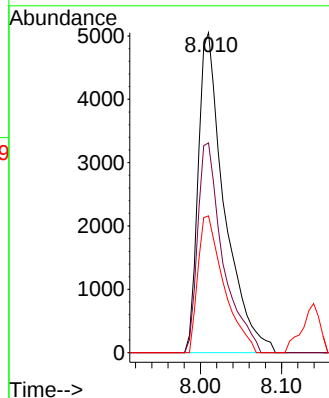
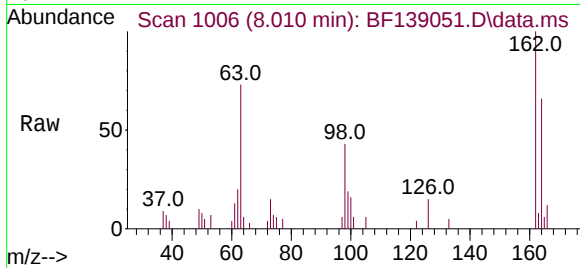
Tgt Ion:162 Resp: 11317

Ion Ratio Lower Upper

162 100

164 65.5 44.7 84.7

98 42.7 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 4.250 ng

RT: 8.057 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

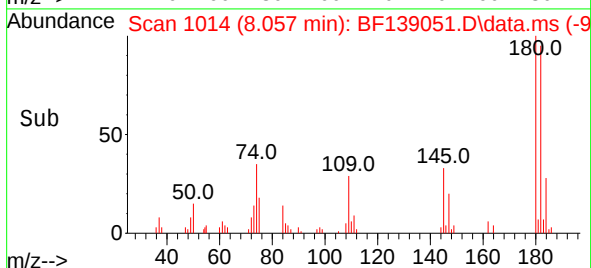
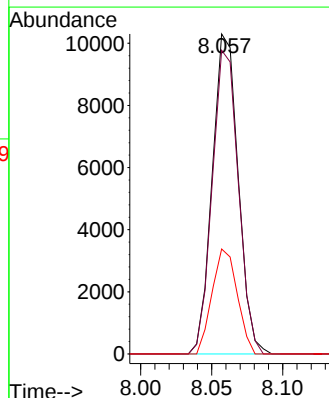
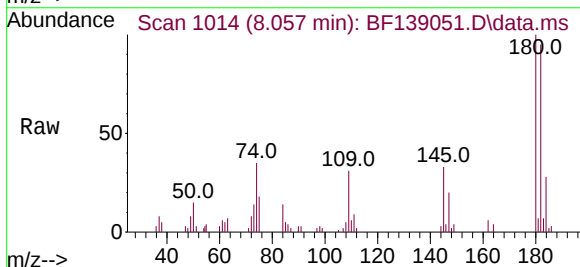
Tgt Ion:180 Resp: 13066

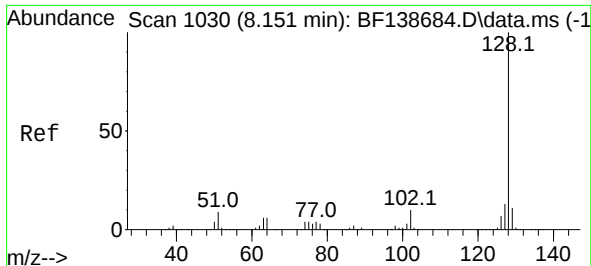
Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

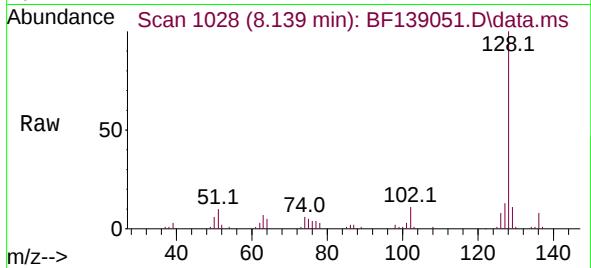
145 32.8 25.0 37.4



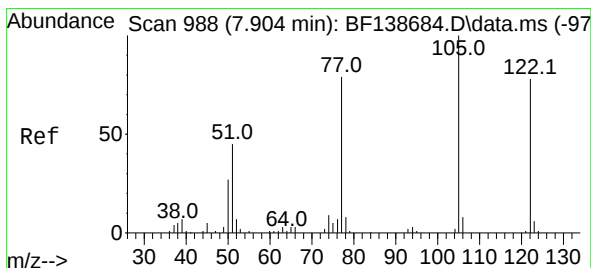
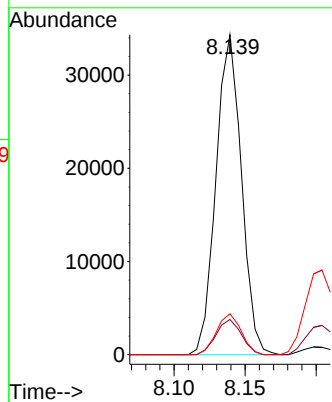
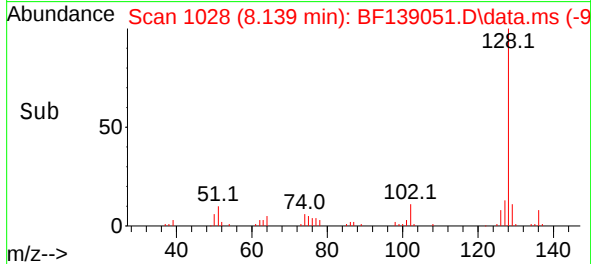


#31
Naphthalene
Concen: 4.197 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

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

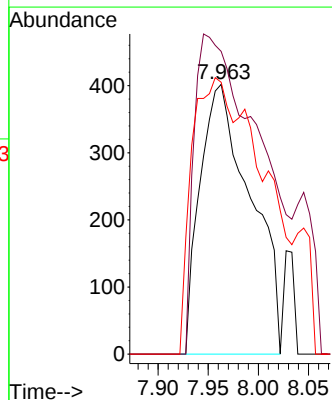
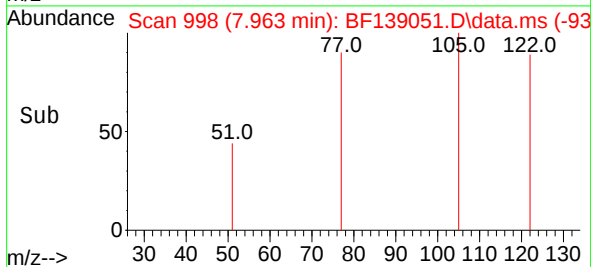
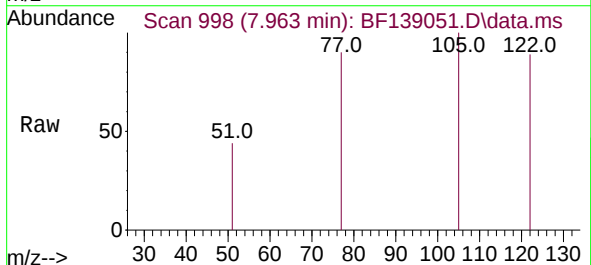


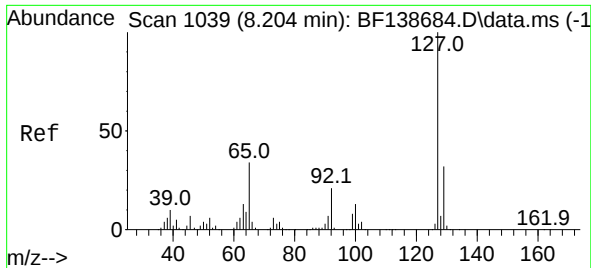
Tgt Ion:128 Resp: 42751
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.8 10.6 16.0



#32
Benzoic acid
Concen: 0.866 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.059 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

Tgt Ion:122 Resp: 1412
Ion Ratio Lower Upper
122 100
105 112.2 106.7 146.7
77 100.7 81.1 121.1

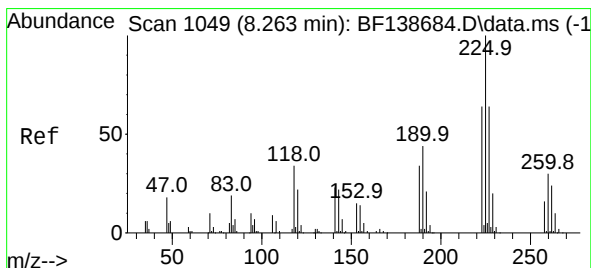
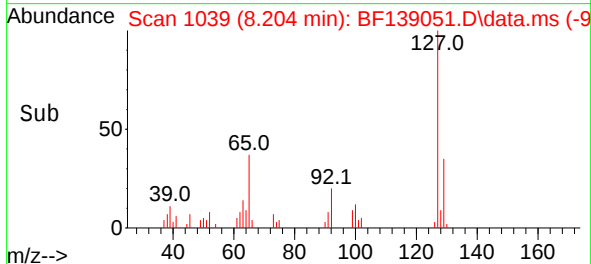
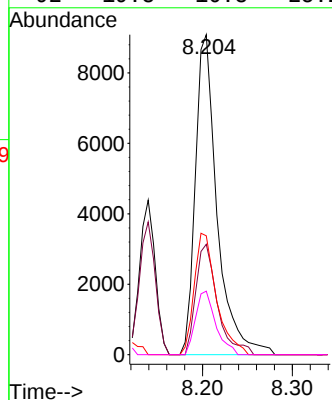
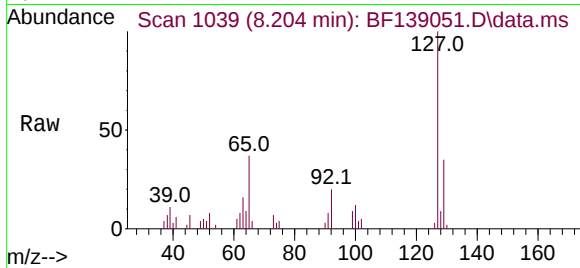




#33
4-Chloroaniline
Concen: 4.473 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

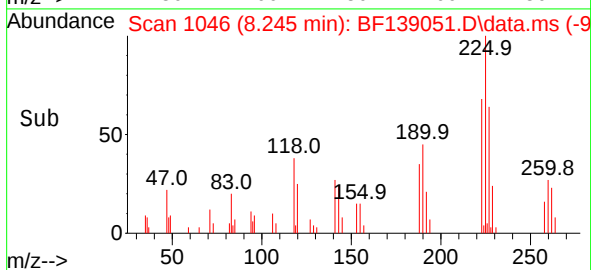
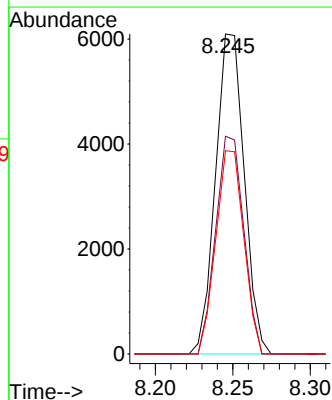
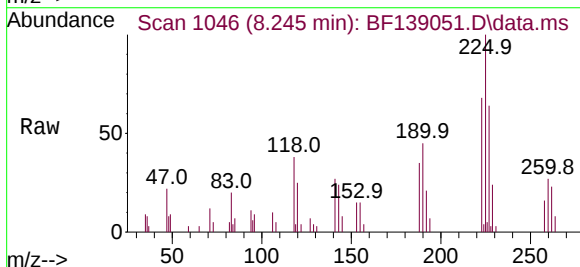
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2024

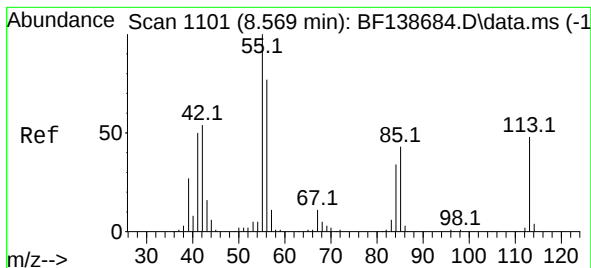
Tgt Ion:	127	Resp:	15293
Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.9	38.9
65	37.2	27.6	41.4
92	19.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 4.222 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.018 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

Tgt Ion:	225	Resp:	7862
Ion	Ratio	Lower	Upper
225	100		
223	68.1	51.2	76.8
227	63.5	51.1	76.7





#35

Caprolactam

Concen: 4.161 ng

RT: 8.539 min Scan# 1101

Delta R.T. -0.029 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

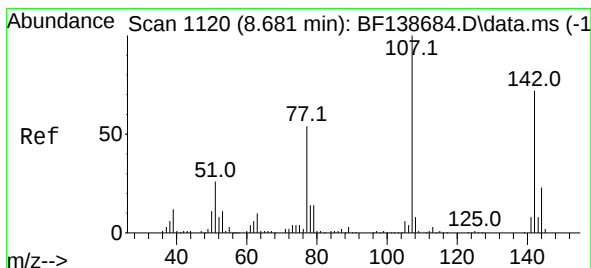
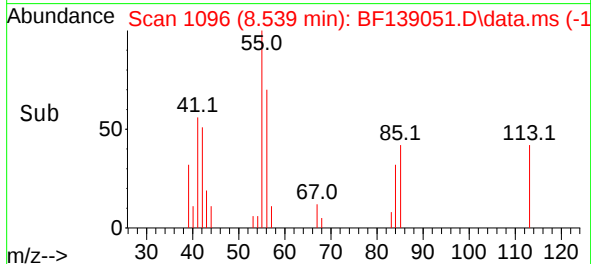
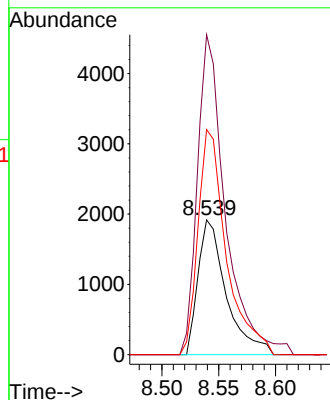
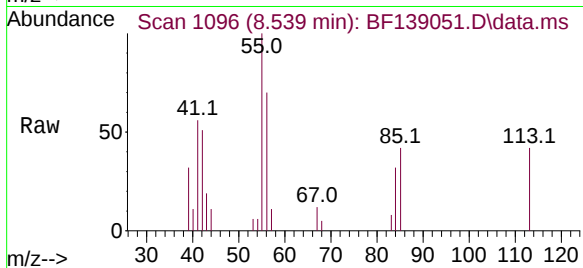
Tgt Ion:113 Resp: 3308

Ion Ratio Lower Upper

113 100

55 237.1 186.7 226.7#

56 166.9 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 4.511 ng

RT: 8.692 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

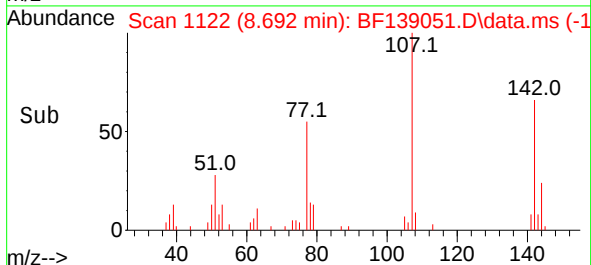
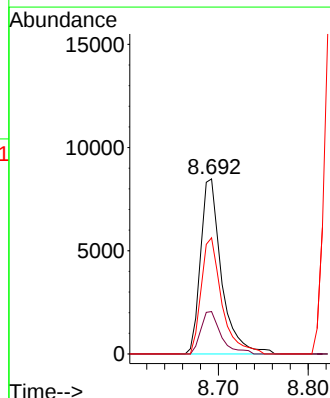
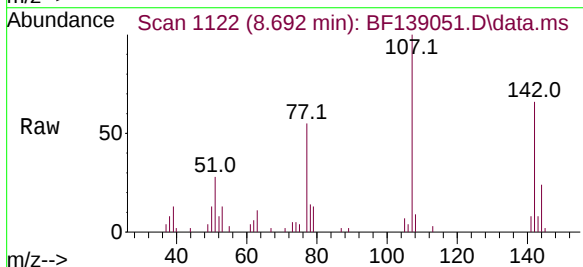
Tgt Ion:107 Resp: 13734

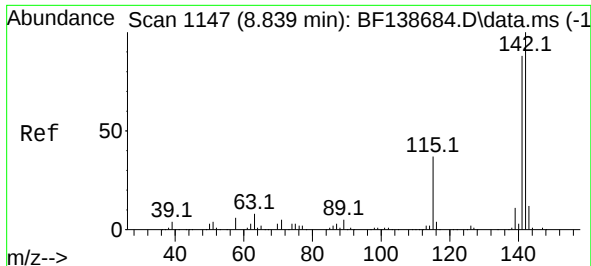
Ion Ratio Lower Upper

107 100

144 24.2 18.2 27.2

142 66.3 57.4 86.2





#37

2-Methylnaphthalene

Concen: 4.333 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

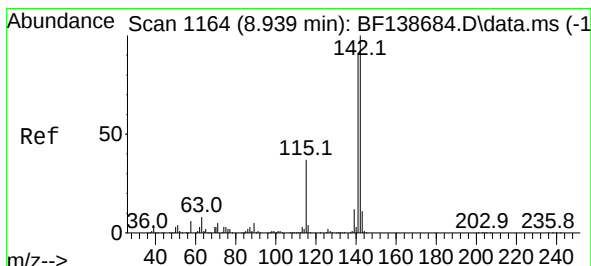
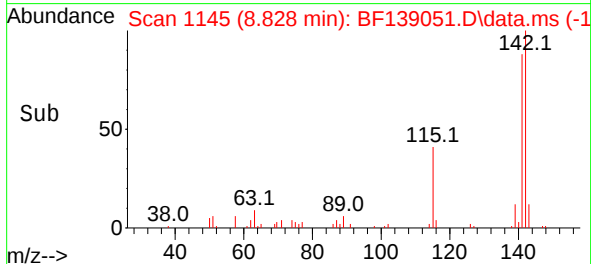
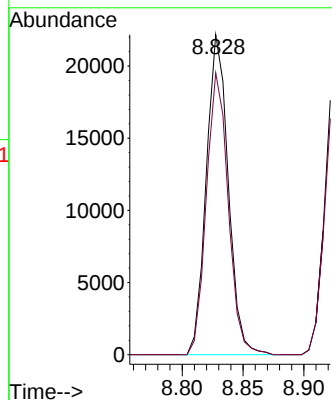
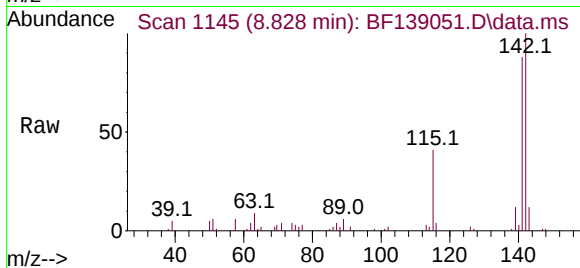
LOQ-WATER-02-QT3-2024

Tgt Ion:142 Resp: 27876

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2



#38

1-Methylnaphthalene

Concen: 4.165 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139051.D

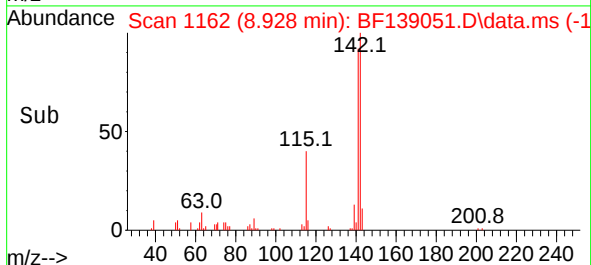
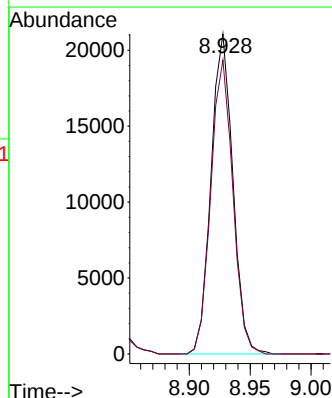
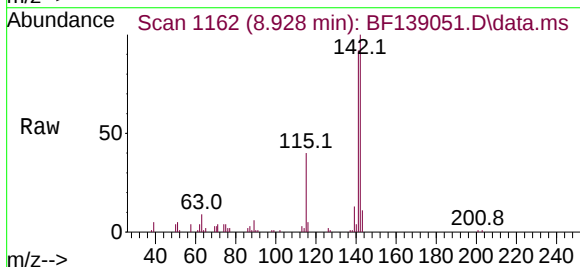
Acq: 16 Aug 2024 11:13

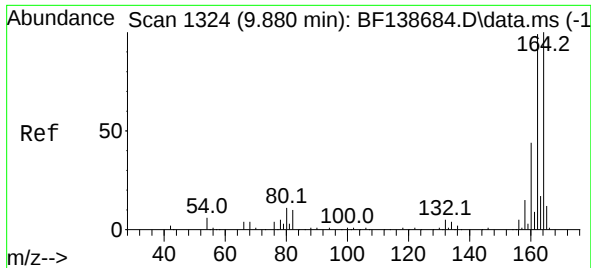
Tgt Ion:142 Resp: 26255

Ion Ratio Lower Upper

142 100

141 91.9 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

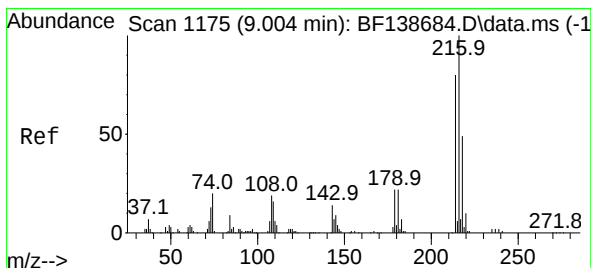
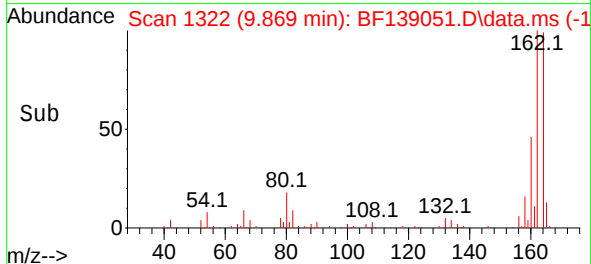
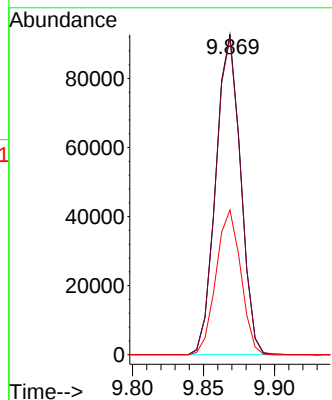
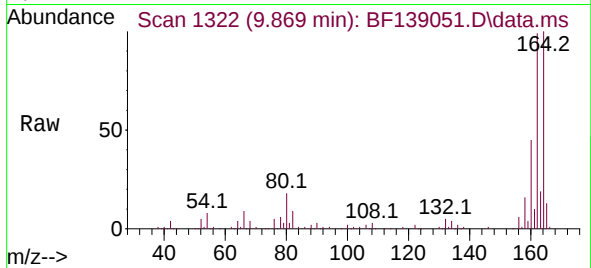
Tgt Ion:164 Resp: 112290

Ion Ratio Lower Upper

164 100

162 99.1 79.4 119.0

160 45.2 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.148 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Tgt Ion:216 Resp: 12939

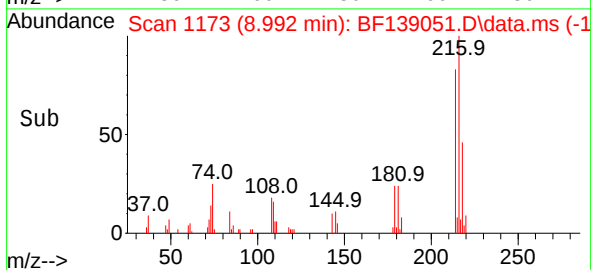
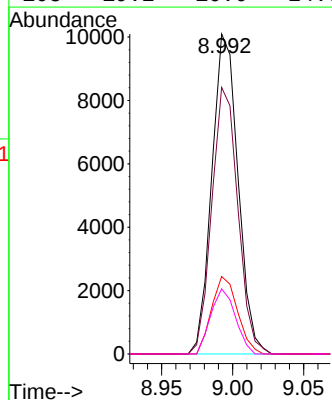
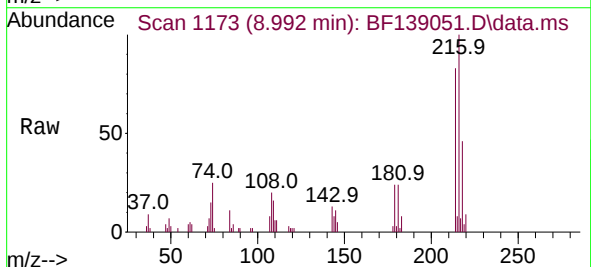
Ion Ratio Lower Upper

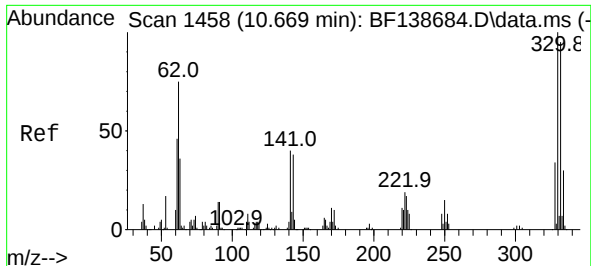
216 100

214 82.8 63.9 95.9

179 24.0 17.8 26.6

108 19.2 16.0 24.0





#42

2,4,6-Tribromophenol

Concen: 103.418 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139051.D

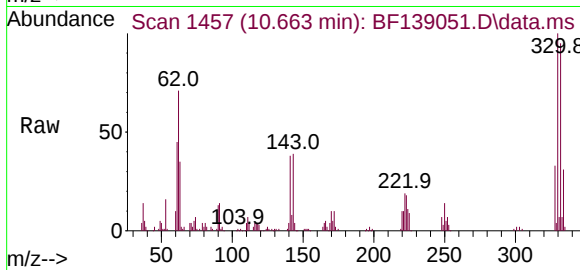
Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



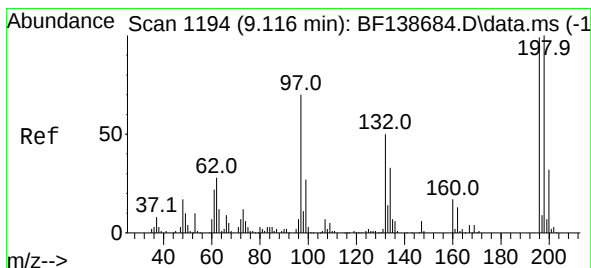
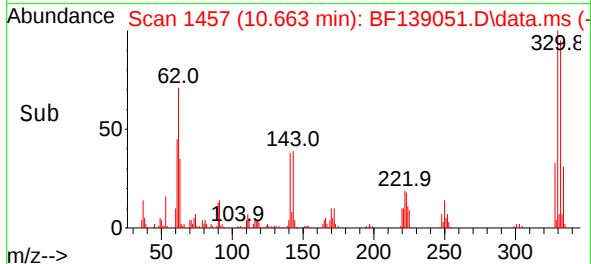
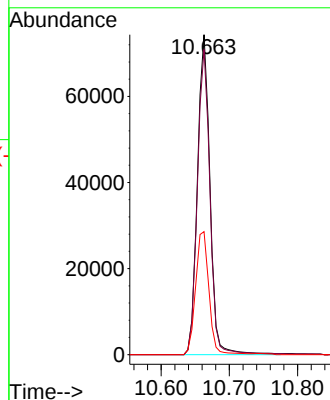
Tgt Ion:330 Resp: 95124

Ion Ratio Lower Upper

330 100

332 95.6 76.4 114.6

141 40.6 31.1 46.7



#43

2,4,6-Trichlorophenol

Concen: 3.636 ng

RT: 9.122 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

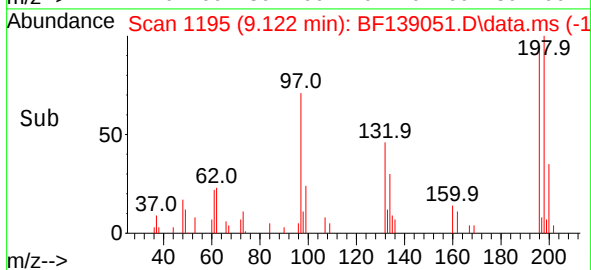
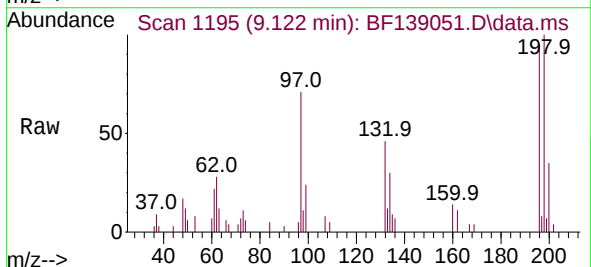
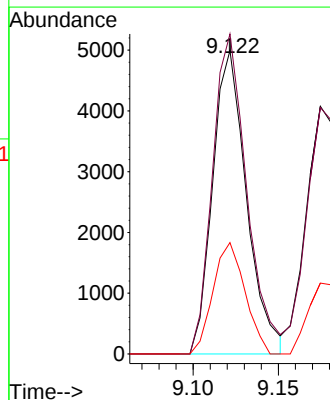
Tgt Ion:196 Resp: 6916

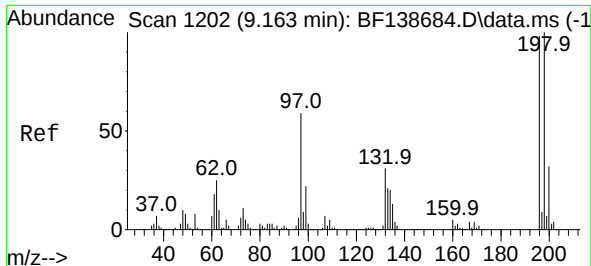
Ion Ratio Lower Upper

196 100

198 105.4 80.5 120.7

200 36.7 25.9 38.9





#44

2,4,5-Trichlorophenol

Concen: 3.597 ng

RT: 9.175 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:196 Resp: 7478

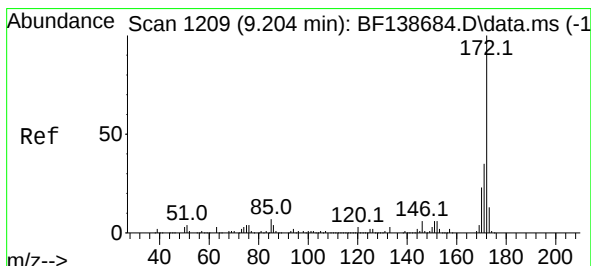
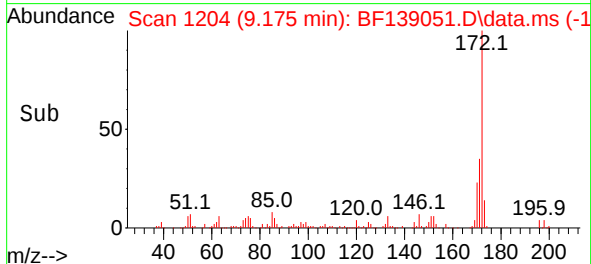
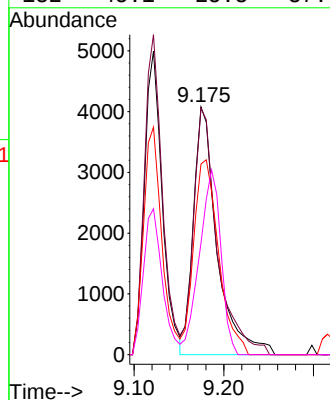
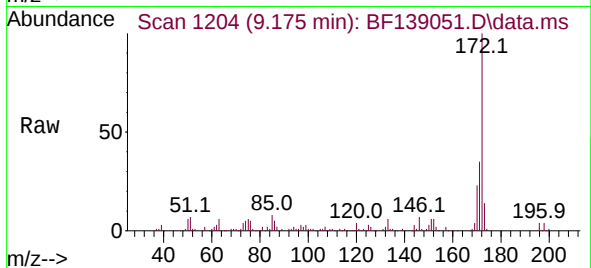
Ion Ratio Lower Upper

196 100

198 99.5 81.2 121.8

97 77.0 47.8 71.6#

132 45.1 25.3 37.9#



#45

2-Fluorobiphenyl

Concen: 74.843 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

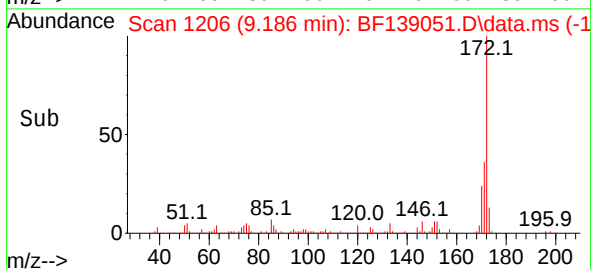
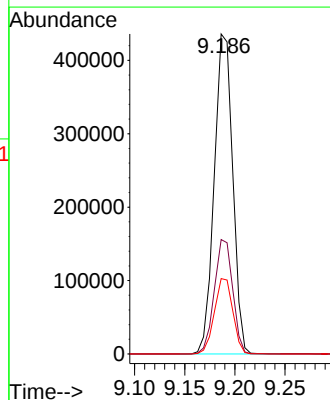
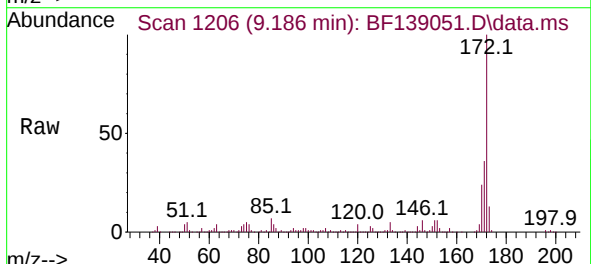
Tgt Ion:172 Resp: 559343

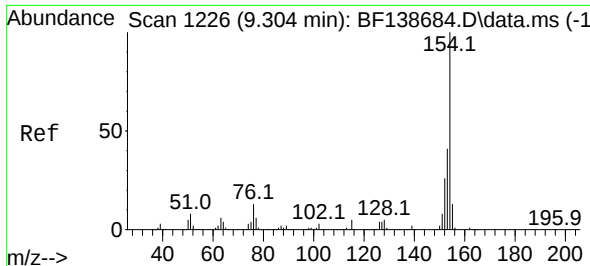
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.5 18.8 28.2





#46

1,1'-Biphenyl

Concen: 4.309 ng

RT: 9.286 min Scan# 1223

Delta R.T. -0.018 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

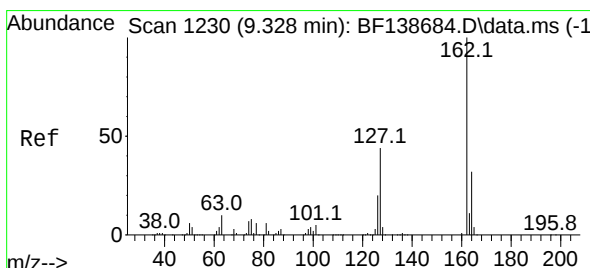
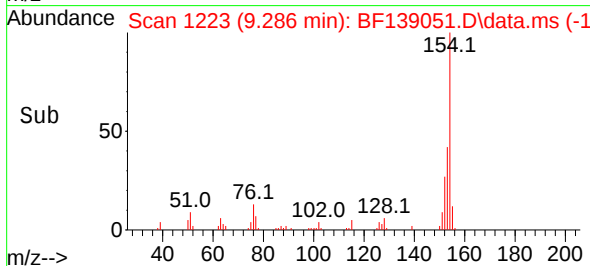
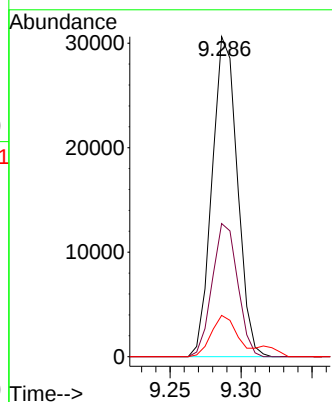
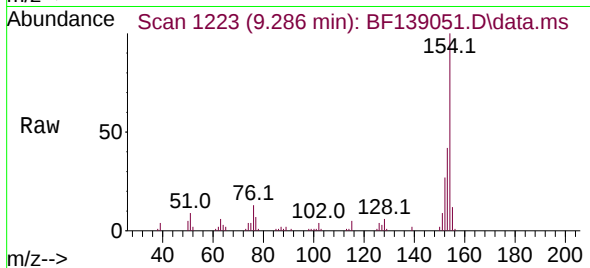
Tgt Ion:154 Resp: 37891

Ion Ratio Lower Upper

154 100

153 41.6 20.8 60.8

76 12.9 0.0 32.8



#47

2-Chloronaphthalene

Concen: 4.187 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

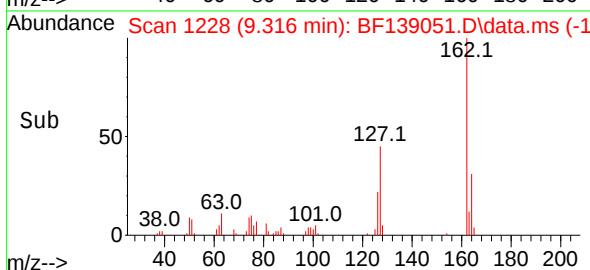
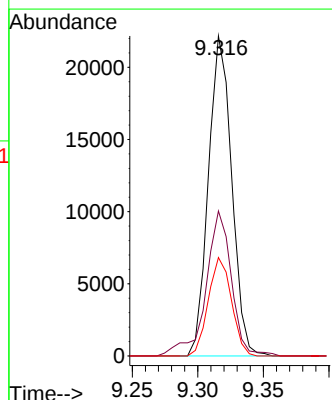
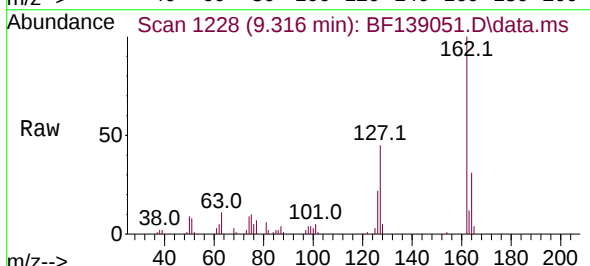
Tgt Ion:162 Resp: 27388

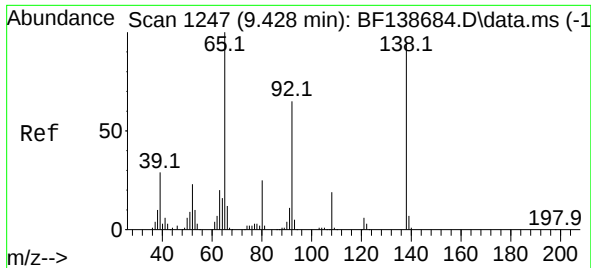
Ion Ratio Lower Upper

162 100

127 45.3 35.4 53.2

164 30.7 25.6 38.4





#48

2-Nitroaniline

Concen: 4.297 ng

RT: 9.428 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

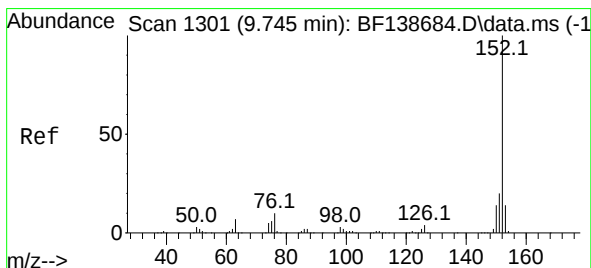
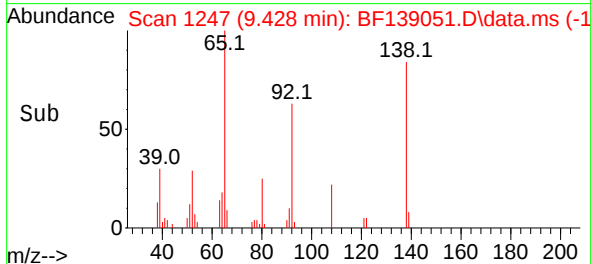
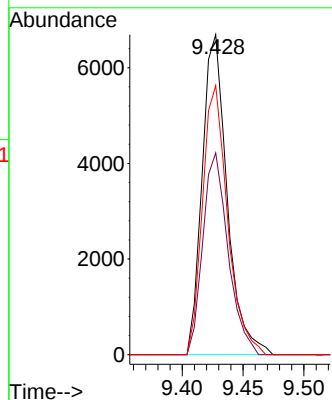
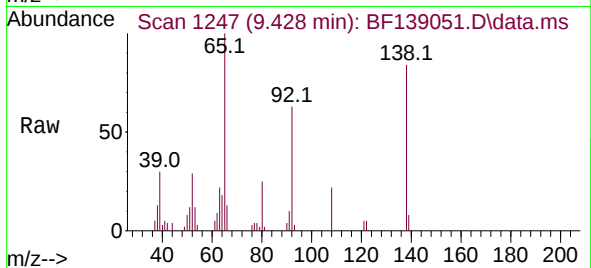
Tgt Ion: 65 Resp: 9529

Ion Ratio Lower Upper

65 100

92 63.1 52.0 78.0

138 84.1 76.2 114.4



#49

Acenaphthylene

Concen: 4.586 ng

RT: 9.727 min Scan# 1298

Delta R.T. -0.018 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

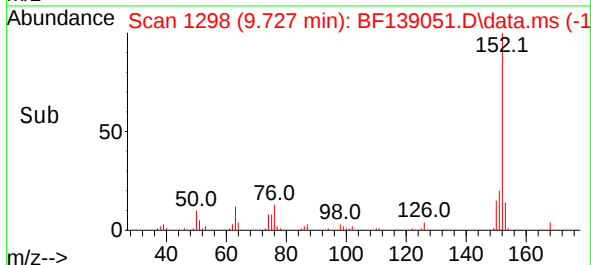
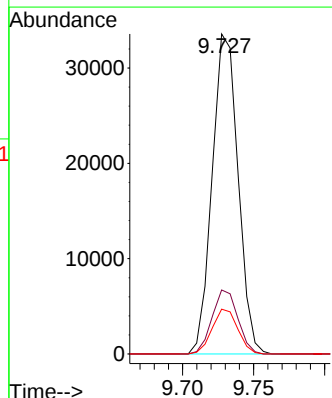
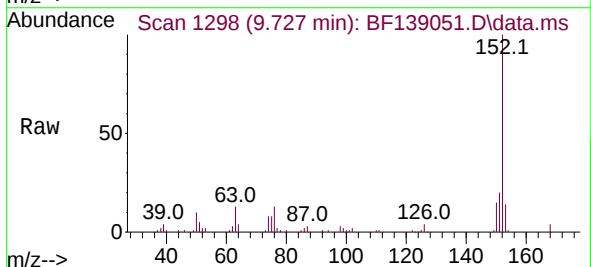
Tgt Ion: 152 Resp: 42543

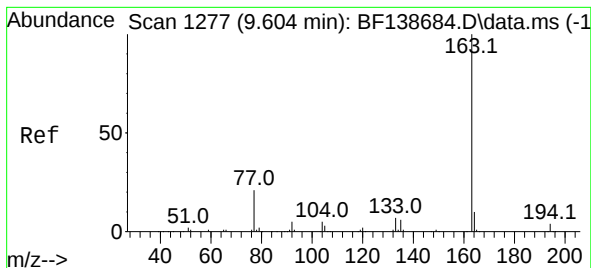
Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 14.0 11.0 16.4





#50

Dimethylphthalate

Concen: 4.745 ng

RT: 9.586 min Scan# 1274

Delta R.T. -0.018 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

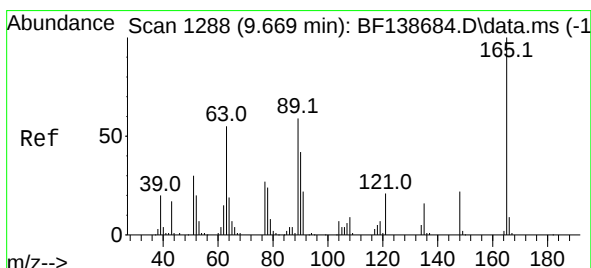
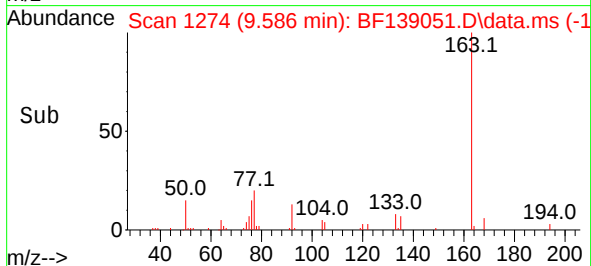
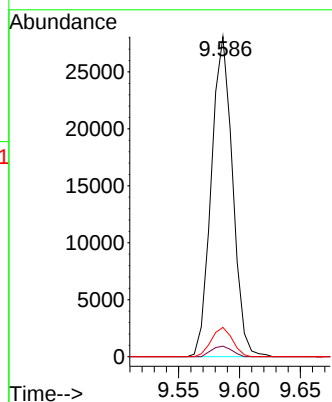
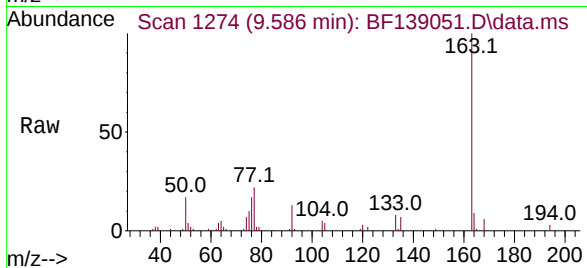
Tgt Ion:163 Resp: 34072

Ion Ratio Lower Upper

163 100

194 3.3 3.1 4.7

164 9.1 7.8 11.8



#51

2,6-Dinitrotoluene

Concen: 4.229 ng

RT: 9.657 min Scan# 1286

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

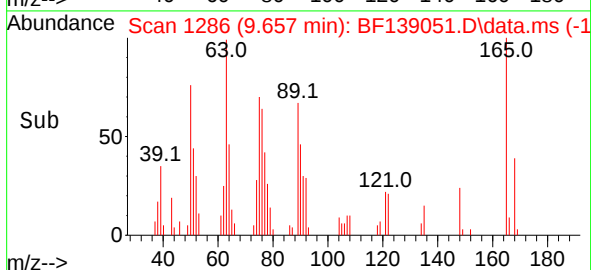
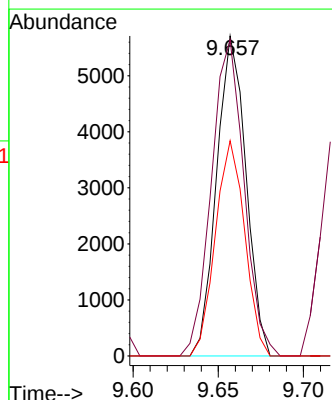
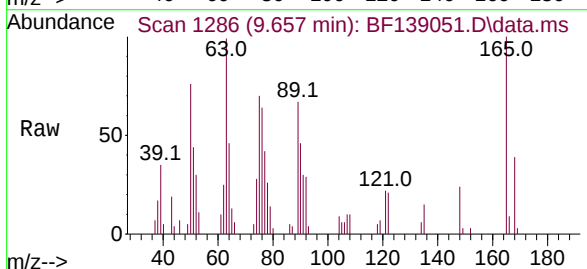
Tgt Ion:165 Resp: 6852

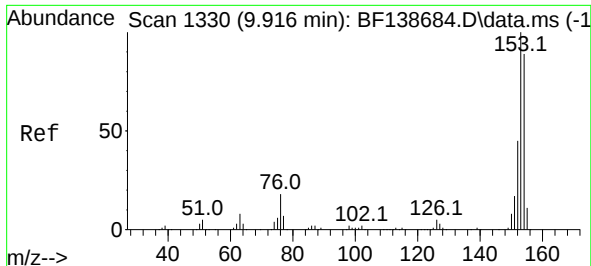
Ion Ratio Lower Upper

165 100

63 98.8 52.0 78.0#

89 67.3 47.0 70.6





#52

Acenaphthene

Concen: 4.316 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

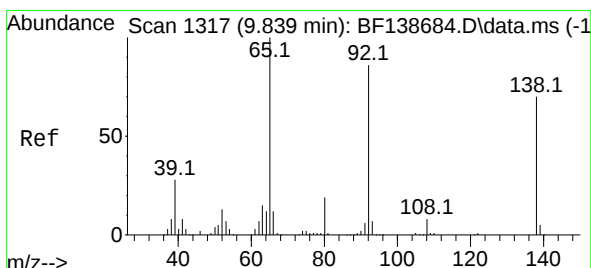
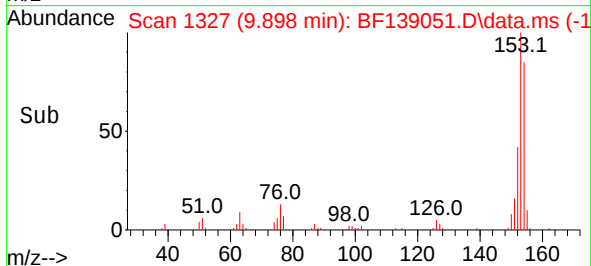
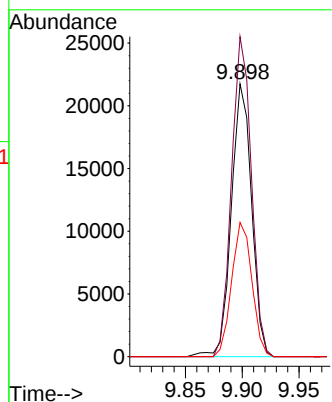
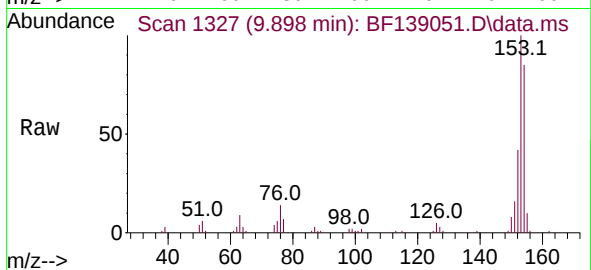
Tgt Ion:154 Resp: 26916

Ion Ratio Lower Upper

154 100

153 117.3 89.9 134.9

152 49.2 40.6 60.8



#53

3-Nitroaniline

Concen: 3.956 ng

RT: 9.839 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

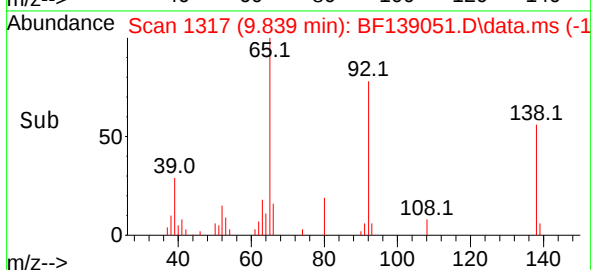
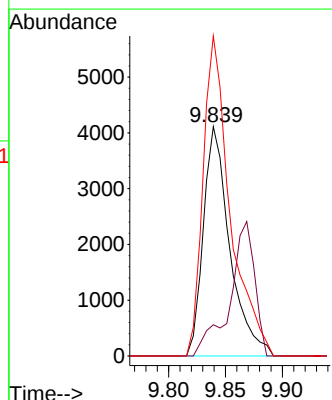
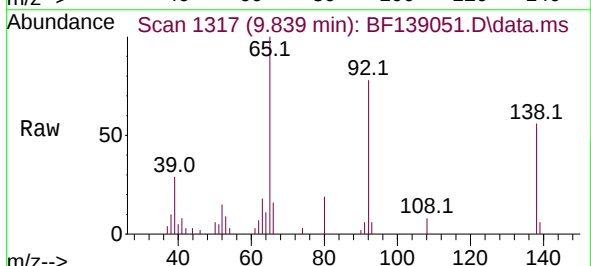
Tgt Ion:138 Resp: 6627

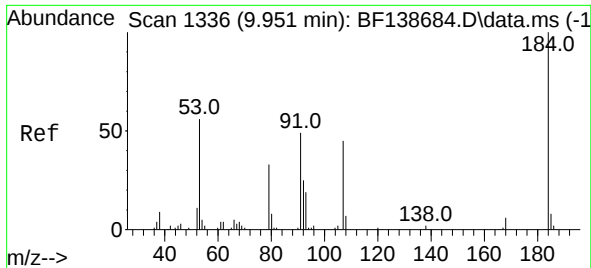
Ion Ratio Lower Upper

138 100

108 13.6 9.1 13.7

92 139.5 98.7 148.1





#54

2,4-Dinitrophenol

Concen: 0.232 ng

RT: 10.004 min Scan# 1345

Delta R.T. 0.053 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

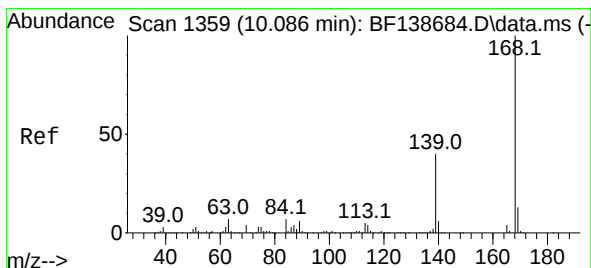
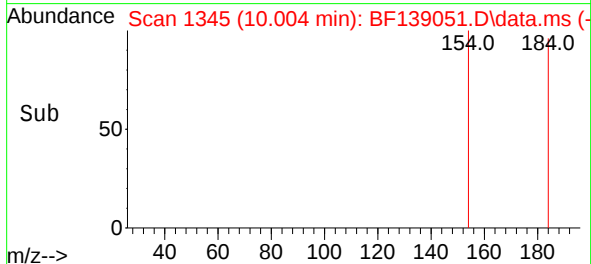
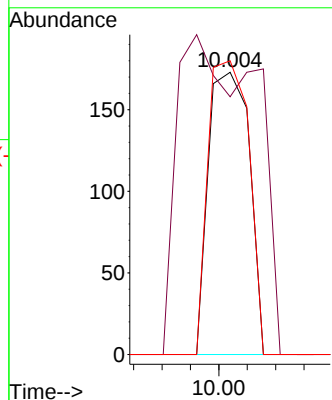
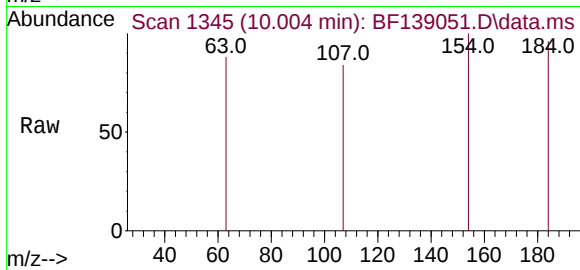
Tgt Ion:184 Resp: 173

Ion Ratio Lower Upper

184 100

63 91.3 57.5 86.3#

154 104.0 51.7 77.5#



#55

Dibenzofuran

Concen: 4.541 ng

RT: 10.075 min Scan# 1357

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

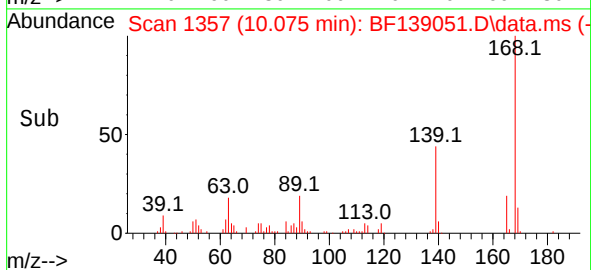
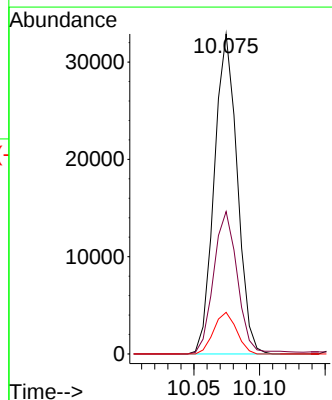
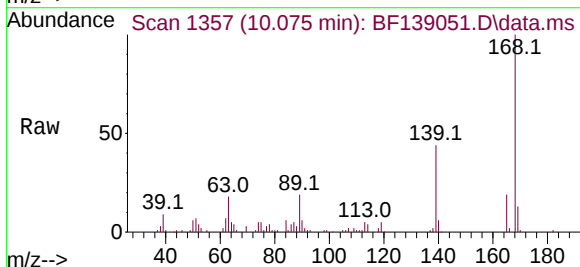
Tgt Ion:168 Resp: 39971

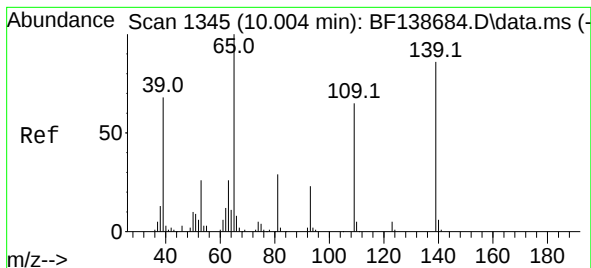
Ion Ratio Lower Upper

168 100

139 44.5 32.6 49.0

169 13.0 10.7 16.1





#56

4-Nitrophenol

Concen: 18.629 ng

RT: 10.075 min Scan# 1357

Delta R.T. 0.071 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

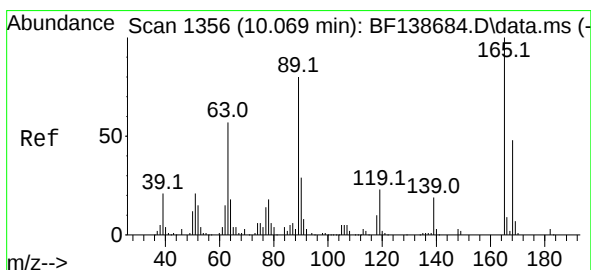
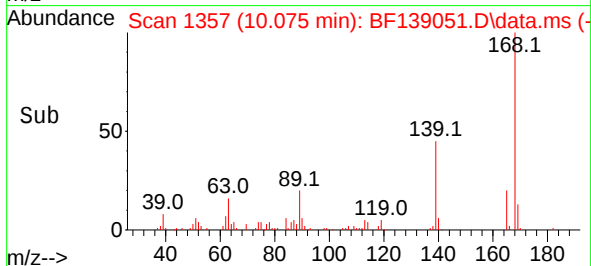
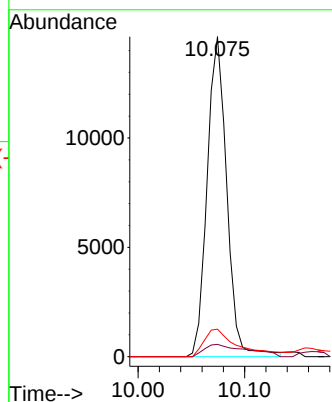
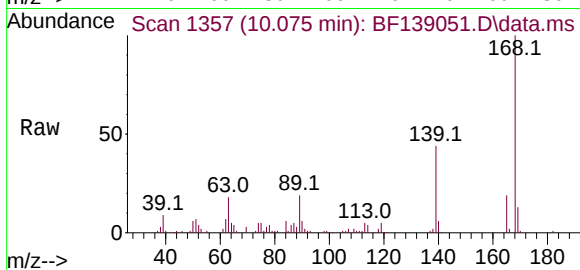
Tgt Ion:139 Resp: 18766

Ion Ratio Lower Upper

139 100

109 3.8 55.5 95.5#

65 8.6 96.7 136.7#



#57

2,4-Dinitrotoluene

Concen: 4.127 ng

RT: 10.075 min Scan# 1357

Delta R.T. 0.006 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Tgt Ion:165 Resp: 8531

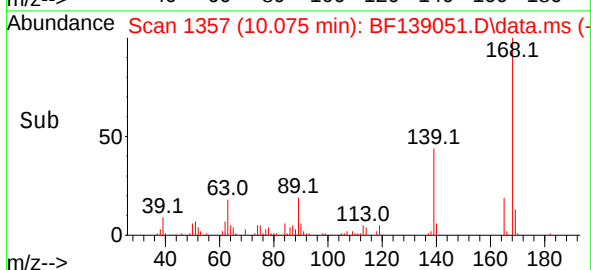
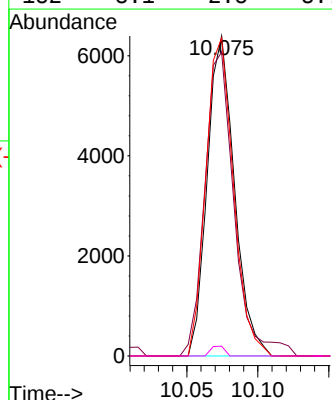
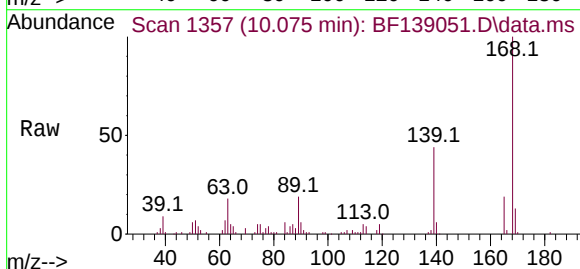
Ion Ratio Lower Upper

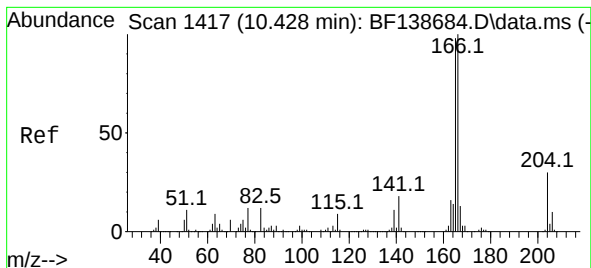
165 100

63 95.0 46.3 69.5#

89 99.4 64.2 96.4#

182 3.1 2.5 3.7





#58

Fluorene

Concen: 4.627 ng

RT: 10.416 min Scan# 1417

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

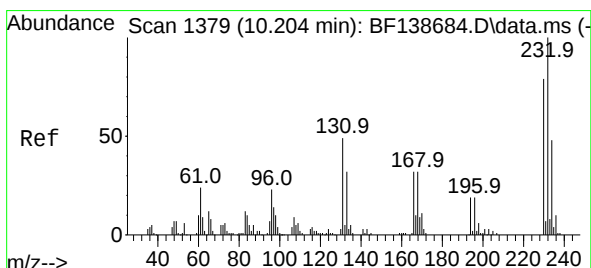
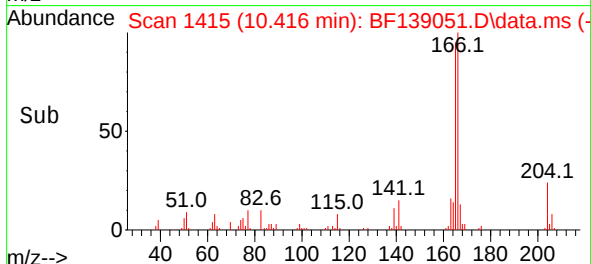
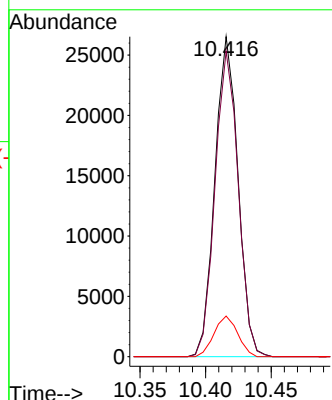
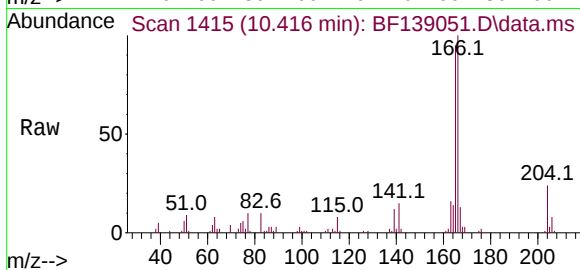
Tgt Ion:166 Resp: 32436

Ion Ratio Lower Upper

166 100

165 95.4 78.4 117.6

167 12.7 10.6 16.0



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.215 ng

RT: 10.210 min Scan# 1380

Delta R.T. 0.006 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Tgt Ion:232 Resp: 5111

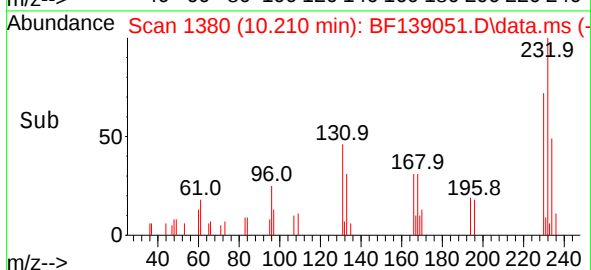
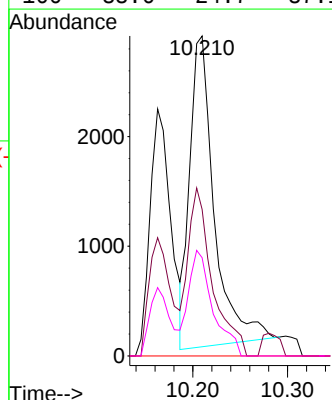
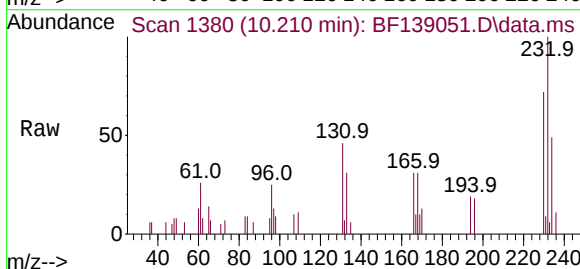
Ion Ratio Lower Upper

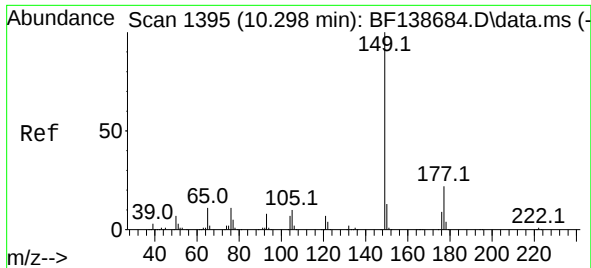
232 100

131 53.4 37.0 55.4

130 0.0 2.0 3.0#

166 33.6 24.7 37.1

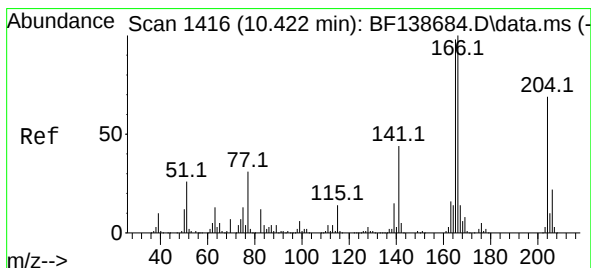
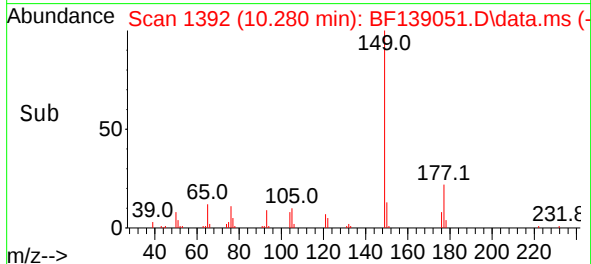
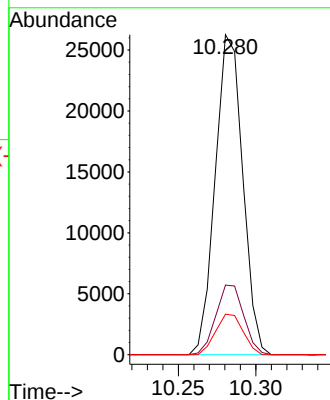
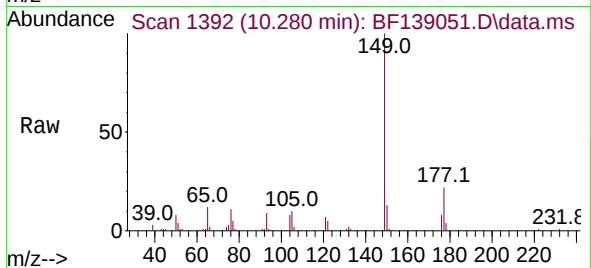




#60
Diethylphthalate
Concen: 4.756 ng
RT: 10.280 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

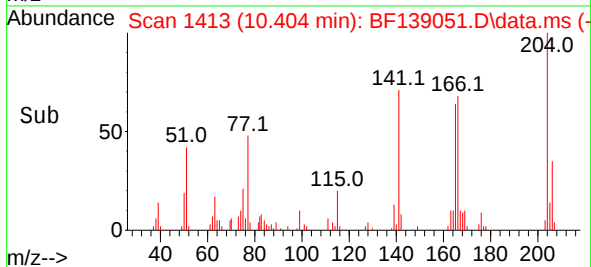
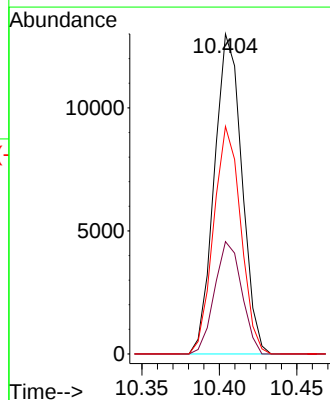
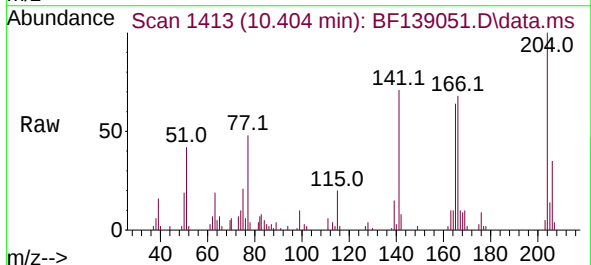
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

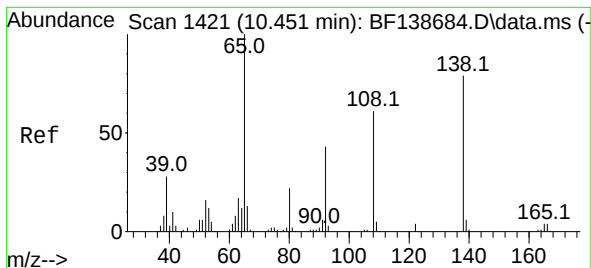
Tgt Ion:149 Resp: 32378
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.8
150 12.7 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 4.660 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

Tgt Ion:204 Resp: 16067
Ion Ratio Lower Upper
204 100
206 35.1 26.1 39.1
141 71.1 51.4 77.0





#62

4-Nitroaniline

Concen: 3.368 ng

RT: 10.451 min Scan# 1421

Delta R.T. -0.000 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

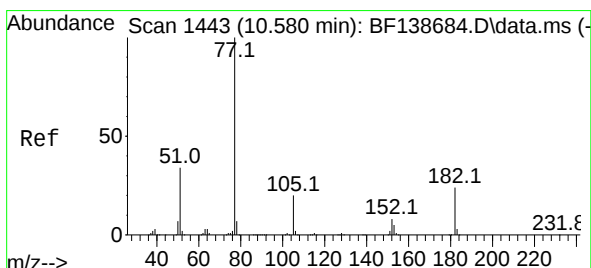
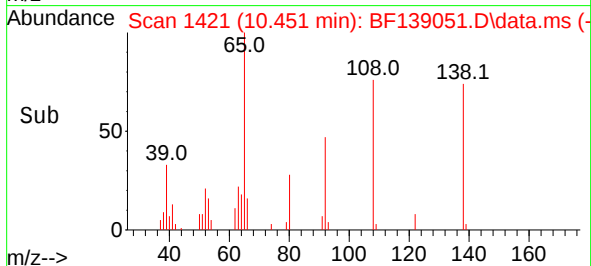
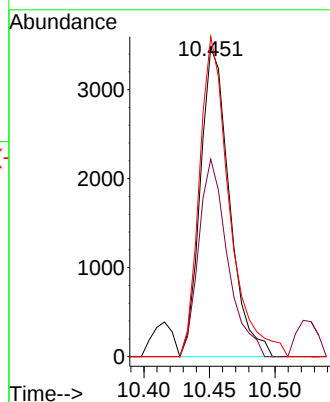
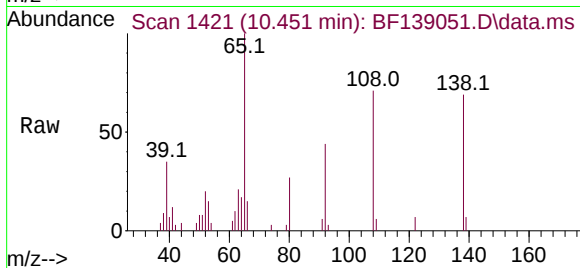
Tgt Ion:138 Resp: 5361

Ion Ratio Lower Upper

138 100

92 63.8 34.2 74.2

108 103.4 56.2 96.2#



#63

Azobenzene

Concen: 4.616 ng

RT: 10.569 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Tgt Ion: 77 Resp: 34851

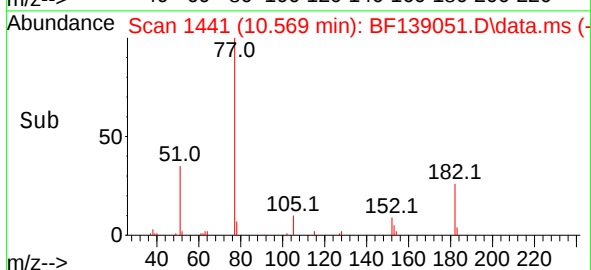
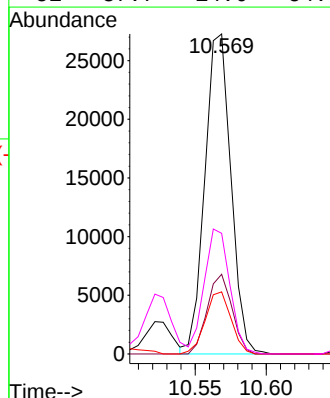
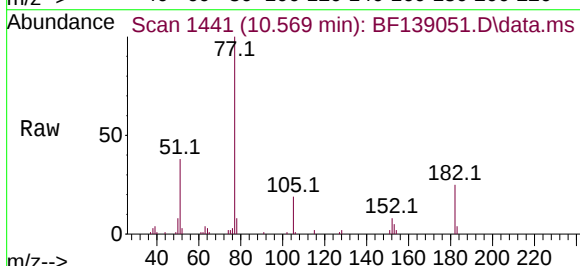
Ion Ratio Lower Upper

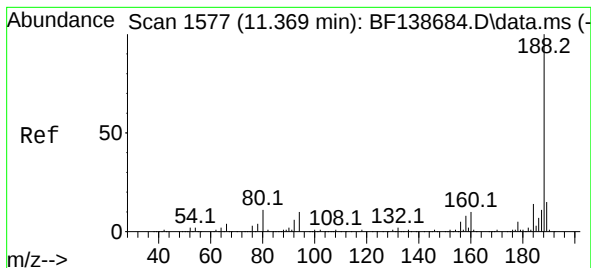
77 100

182 24.9 3.4 43.4

105 19.4 0.2 40.2

51 37.7 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: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

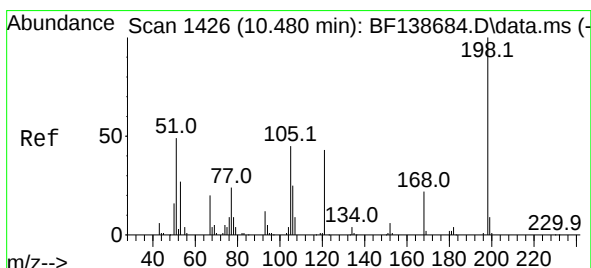
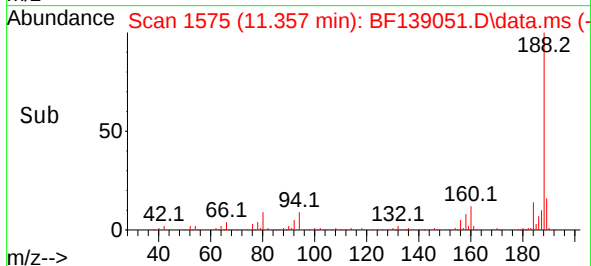
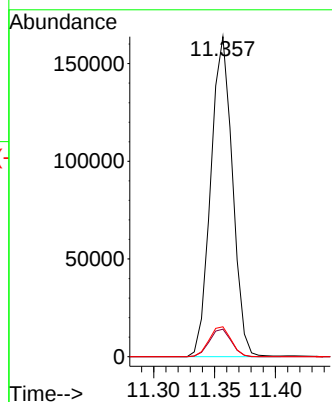
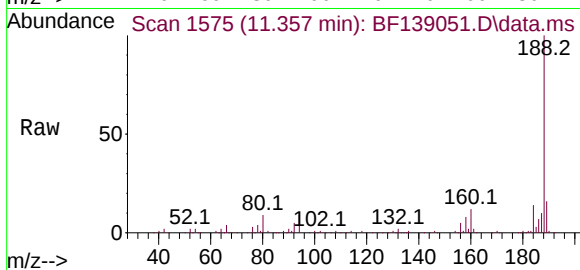
Tgt Ion:188 Resp: 203399

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.4 8.6 12.8



#65

4,6-Dinitro-2-methylphenol

Concen: 2.234 ng

RT: 10.492 min Scan# 1428

Delta R.T. 0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

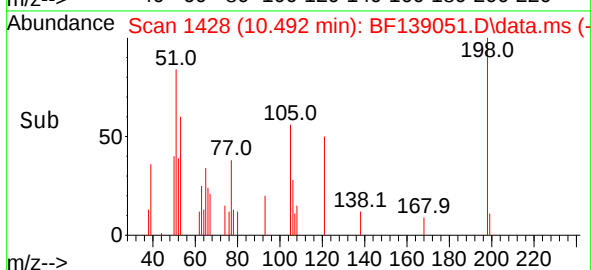
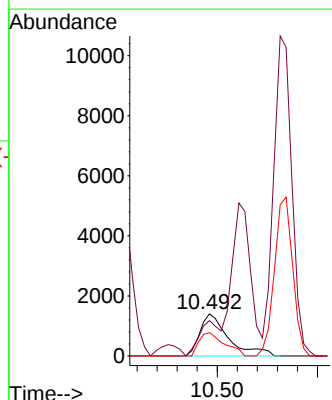
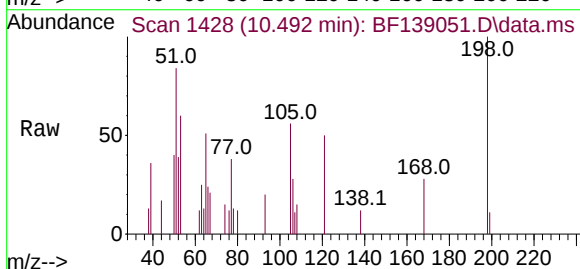
Tgt Ion:198 Resp: 2772

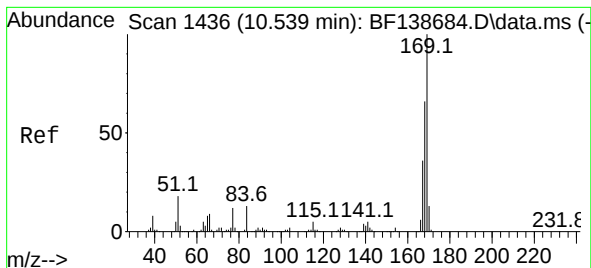
Ion Ratio Lower Upper

198 100

51 83.9 39.9 79.9#

105 55.6 26.1 66.1





#66

n-Nitrosodiphenylamine

Concen: 4.302 ng

RT: 10.527 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

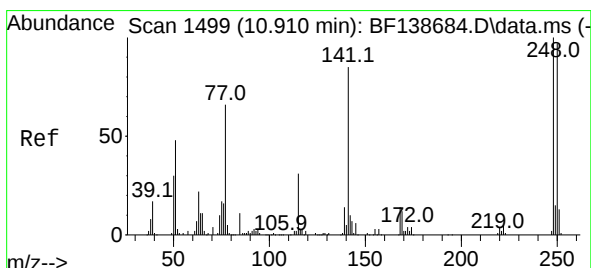
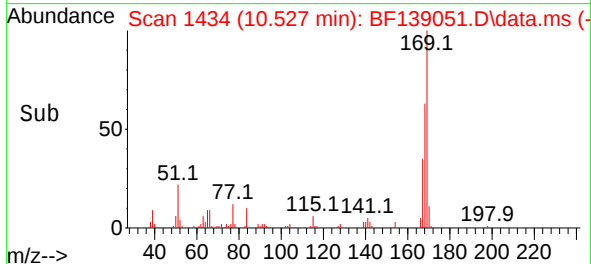
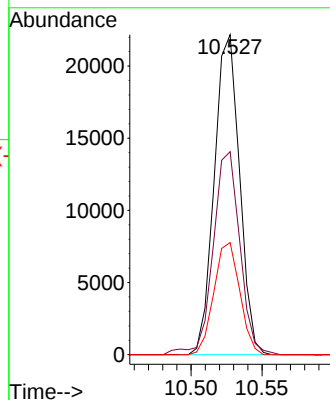
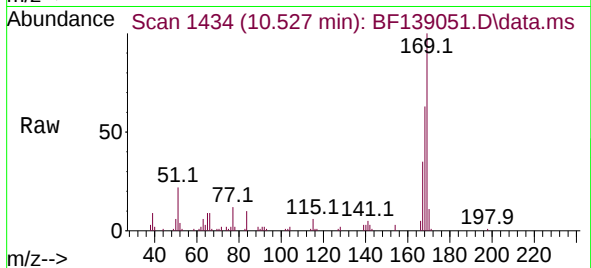
Tgt Ion:169 Resp: 27353

Ion Ratio Lower Upper

169 100

168 63.5 53.0 79.6

167 35.0 29.0 43.6



#67

4-Bromophenyl-phenylether

Concen: 3.999 ng

RT: 10.898 min Scan# 1497

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

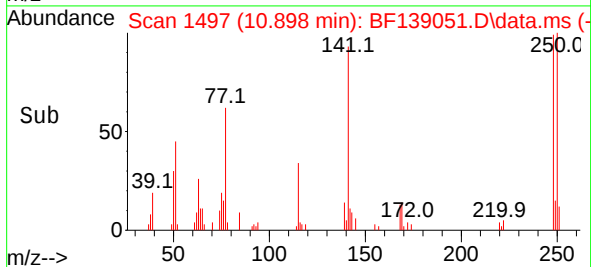
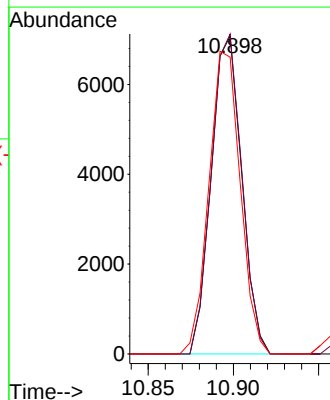
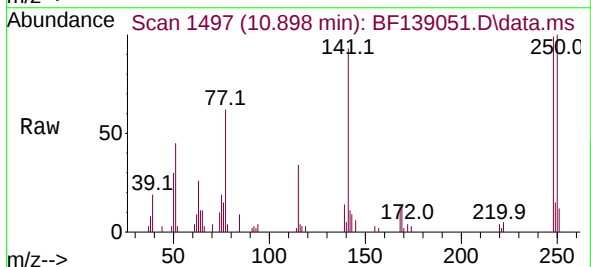
Tgt Ion:248 Resp: 8807

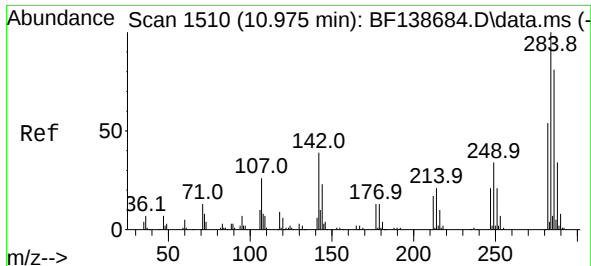
Ion Ratio Lower Upper

248 100

250 100.7 77.7 116.5

141 93.3 68.0 102.0

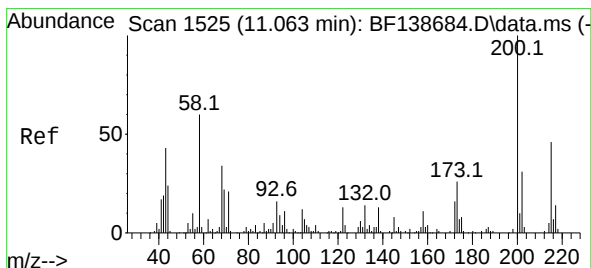
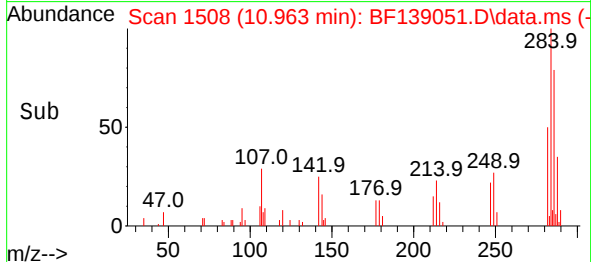
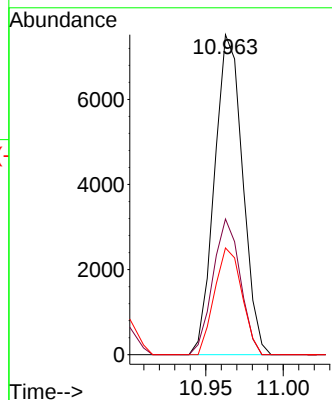
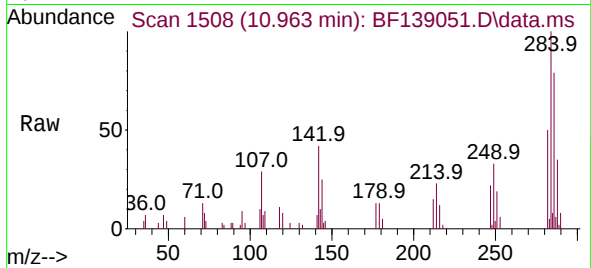




#68
Hexachlorobenzene
Concen: 4.173 ng
RT: 10.963 min Scan# 1510
Delta R.T. -0.012 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

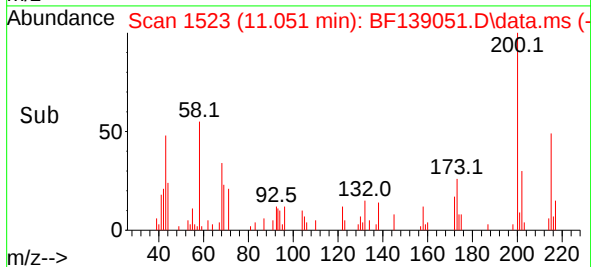
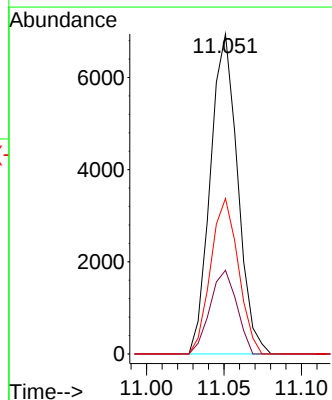
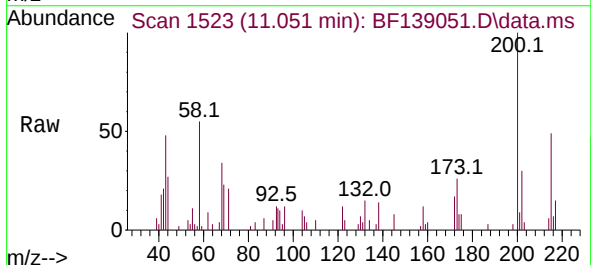
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

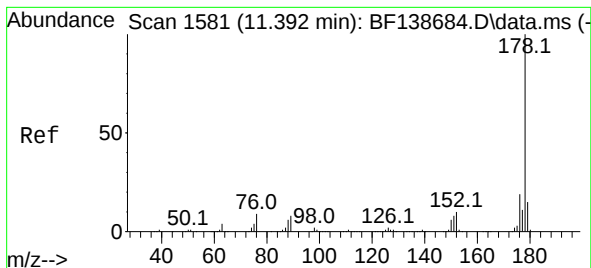
Tgt Ion:284 Resp: 9488
Ion Ratio Lower Upper
284 100
142 42.4 31.3 46.9
249 33.4 27.2 40.8



#69
Atrazine
Concen: 5.173 ng
RT: 11.051 min Scan# 1523
Delta R.T. -0.012 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

Tgt Ion:200 Resp: 8486
Ion Ratio Lower Upper
200 100
173 26.2 6.0 46.0
215 48.6 26.1 66.1





#71

Phenanthrene

Concen: 4.635 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

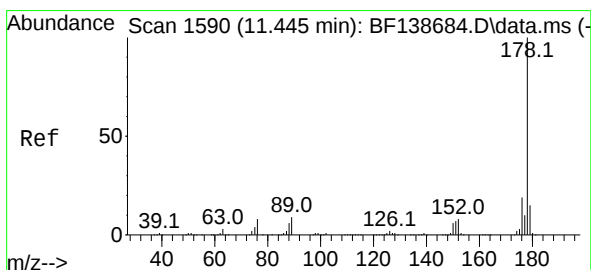
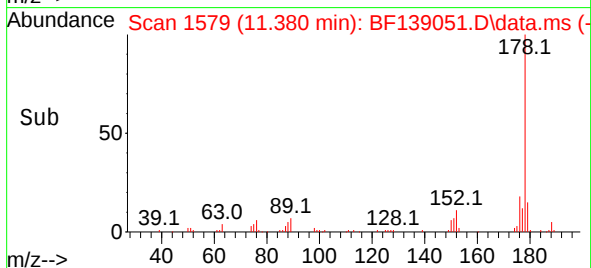
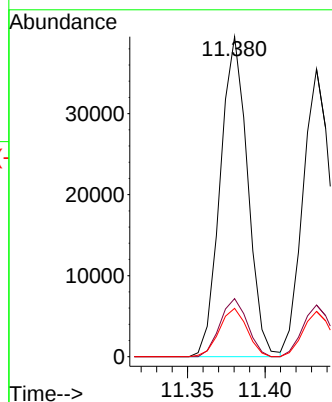
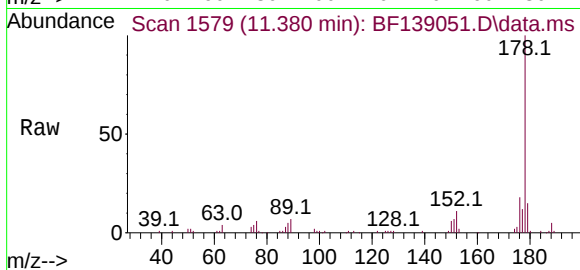
Tgt Ion:178 Resp: 48547

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.0

179 15.1 12.2 18.2



#72

Anthracene

Concen: 4.423 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

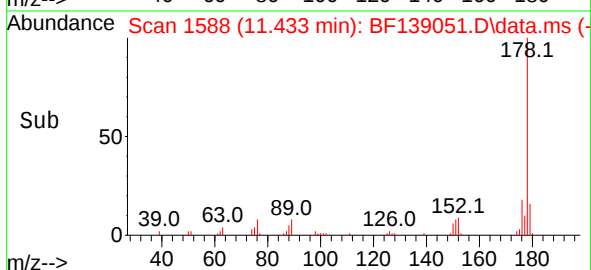
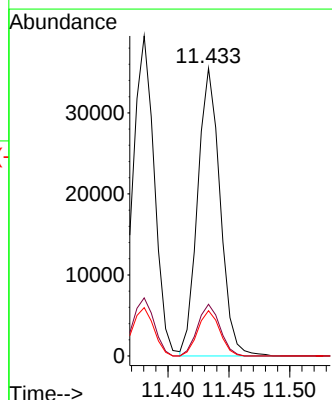
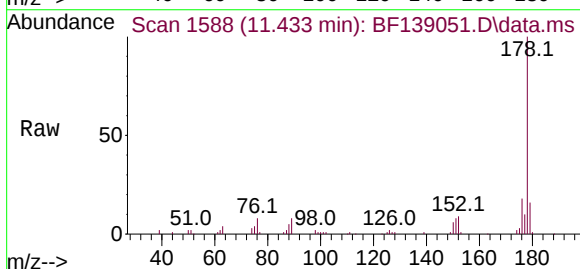
Tgt Ion:178 Resp: 45636

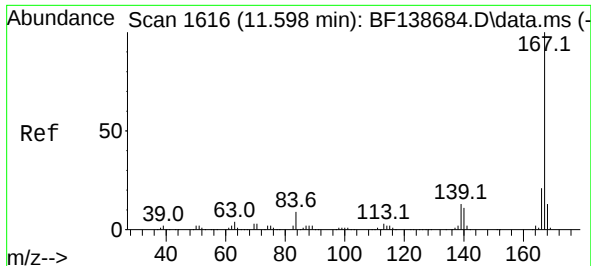
Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

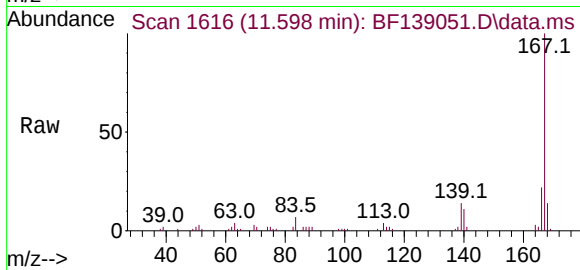
179 15.7 12.4 18.6



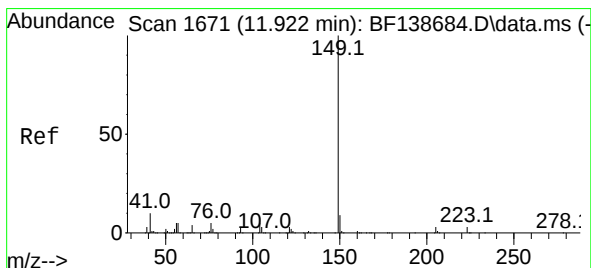
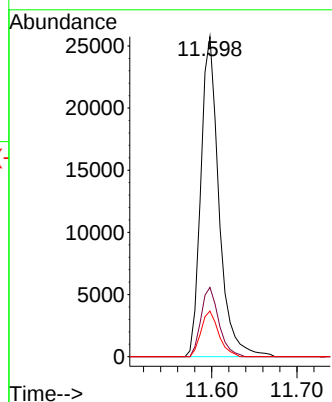
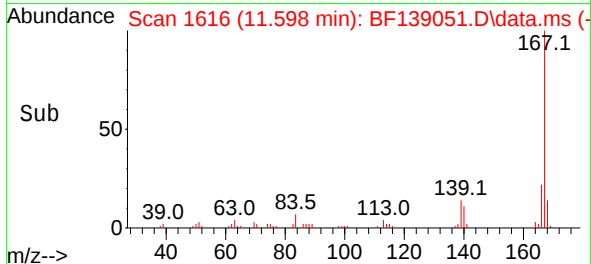


#73
 Carbazole
 Concen: 4.270 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF139051.D
 Acq: 16 Aug 2024 11:13

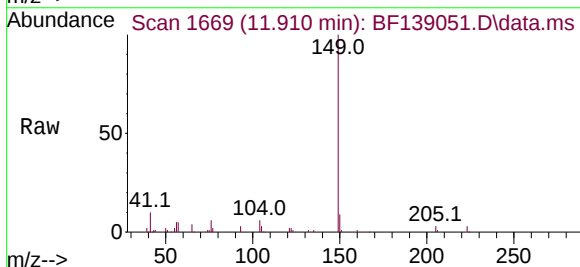
Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT3-2024



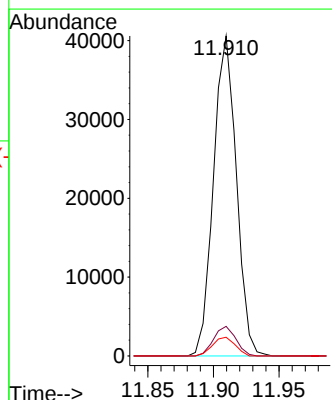
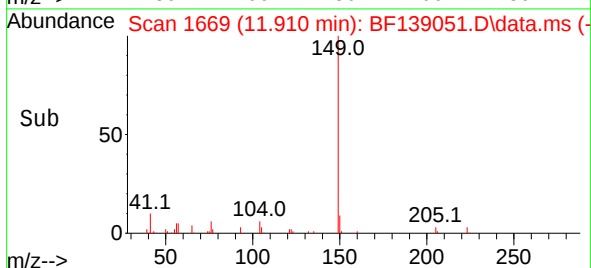
Tgt Ion:167 Resp: 38010
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 14.3 10.6 16.0

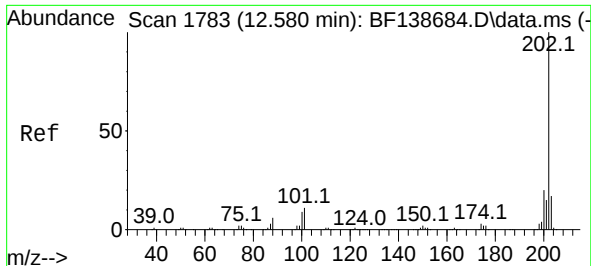


#74
 Di-n-butylphthalate
 Concen: 4.914 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF139051.D
 Acq: 16 Aug 2024 11:13



Tgt Ion:149 Resp: 49174
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.9 4.1 6.1





#75

Fluoranthene

Concen: 4.687 ng

RT: 12.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

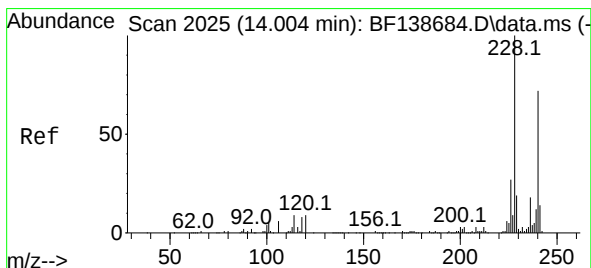
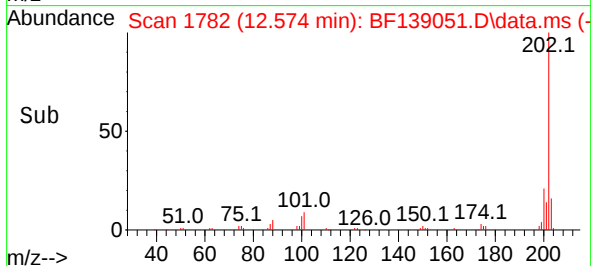
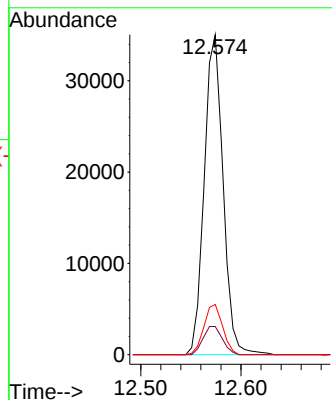
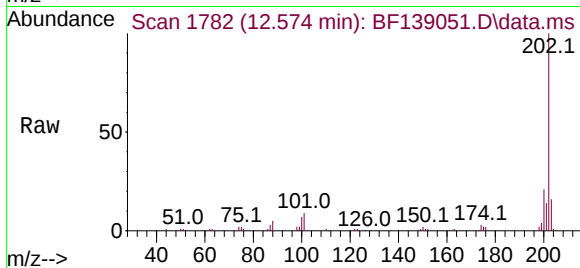
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:202	Resp:	45826
Ion Ratio	Lower	Upper
202	100	
101	8.8	0.0 31.2
203	15.7	0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

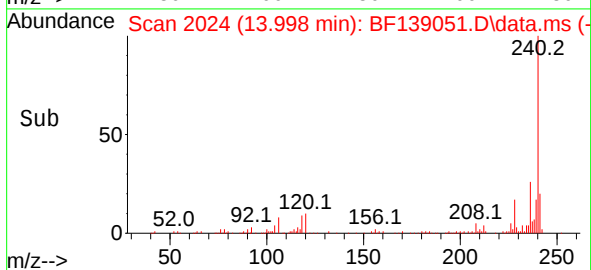
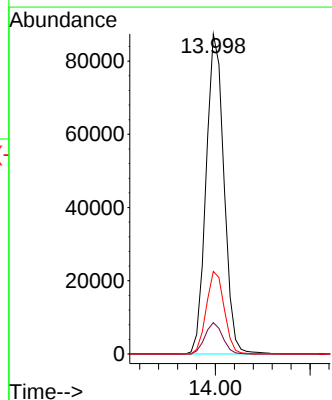
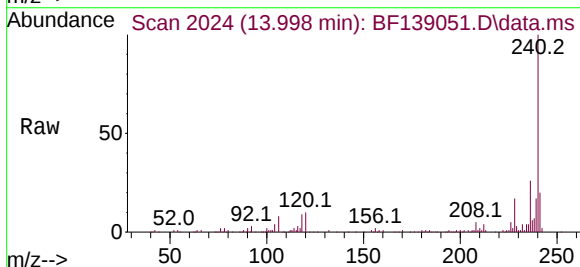
RT: 13.998 min Scan# 2024

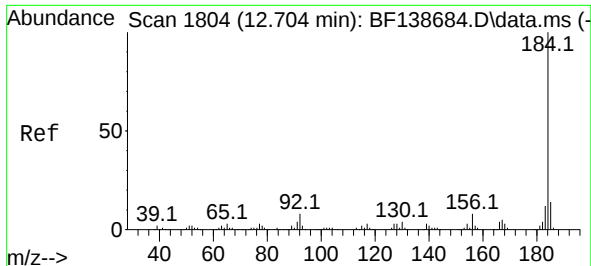
Delta R.T. -0.006 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Tgt Ion:240	Resp:	114350
Ion Ratio	Lower	Upper
240	100	
120	9.8	10.2 15.4#
236	25.8	19.8 29.8

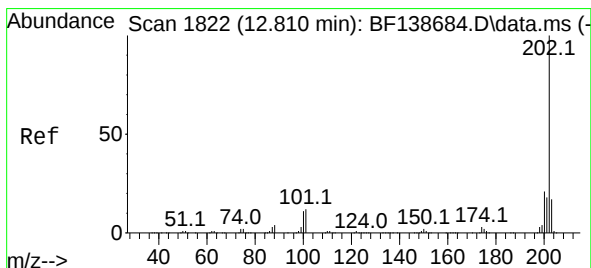
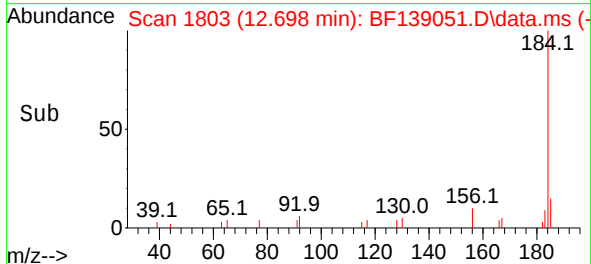
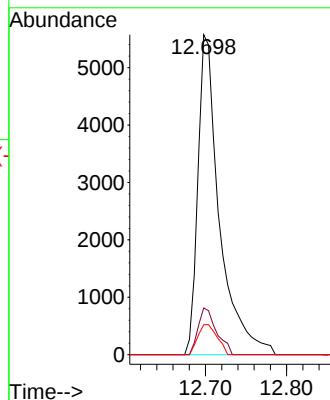
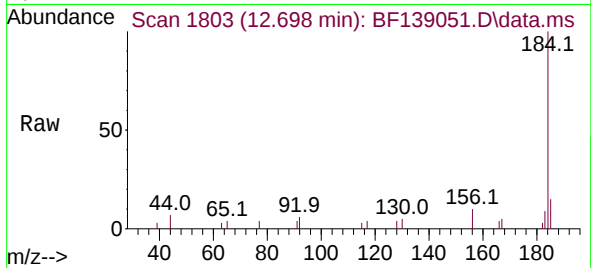




#77
Benzidine
Concen: 3.769 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

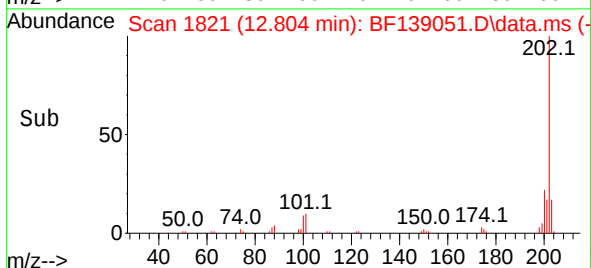
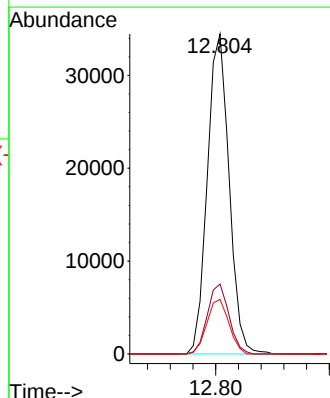
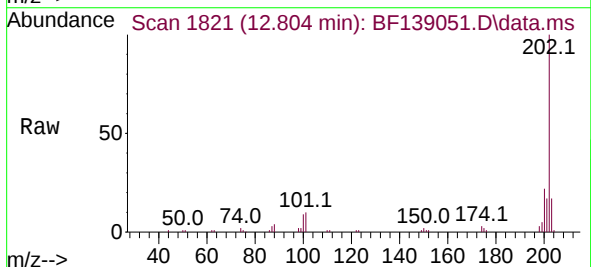
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

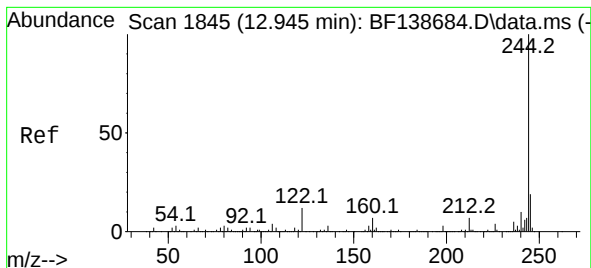
Tgt Ion:184 Resp: 10308
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 9.4 9.6 14.4#



#78
Pyrene
Concen: 4.249 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139051.D
Acq: 16 Aug 2024 11:13

Tgt Ion:202 Resp: 45742
Ion Ratio Lower Upper
202 100
200 21.8 16.8 25.2
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 83.719 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139051.D

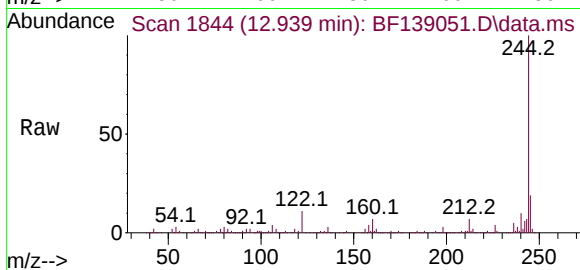
Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



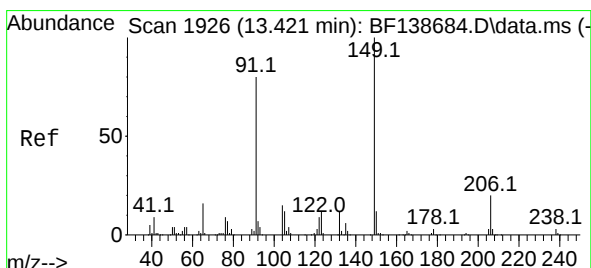
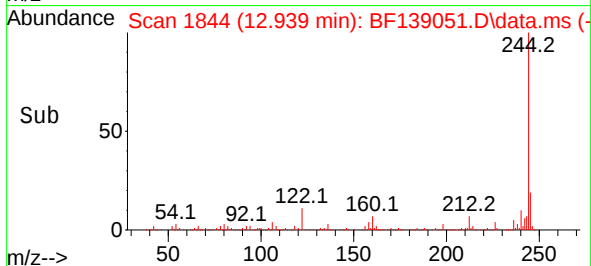
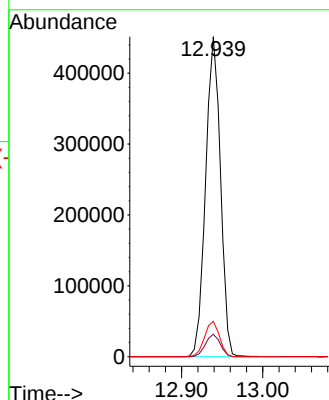
Tgt Ion:244 Resp: 571789

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.1 9.6 14.4



#80

Butylbenzylphthalate

Concen: 4.557 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

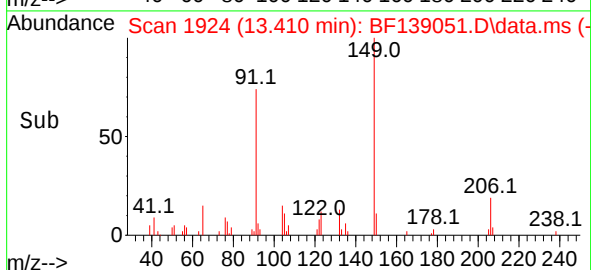
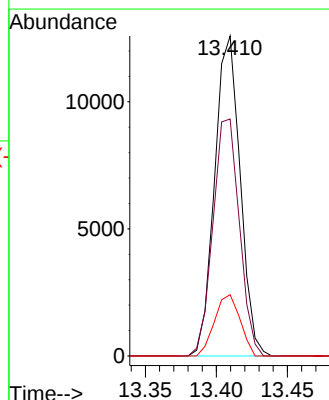
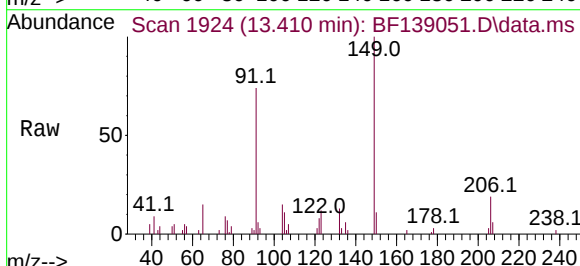
Tgt Ion:149 Resp: 15712

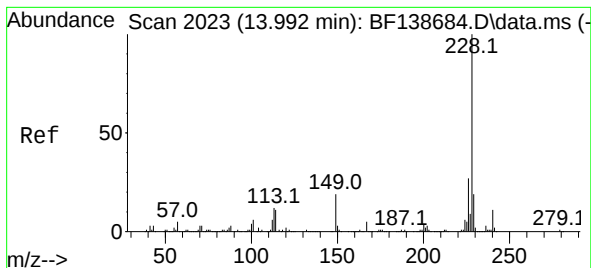
Ion Ratio Lower Upper

149 100

91 74.1 63.7 95.5

206 19.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 4.211 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

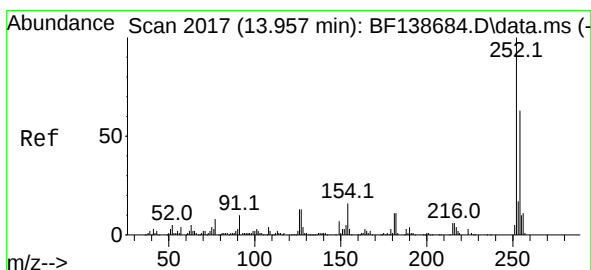
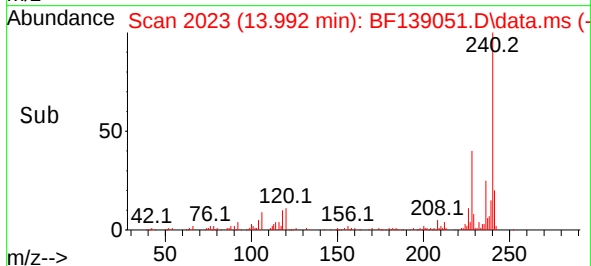
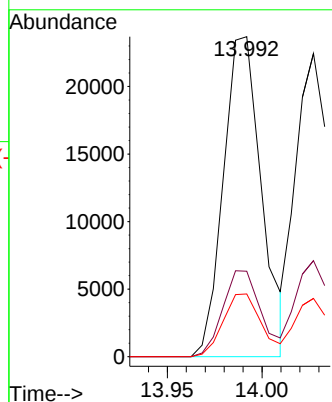
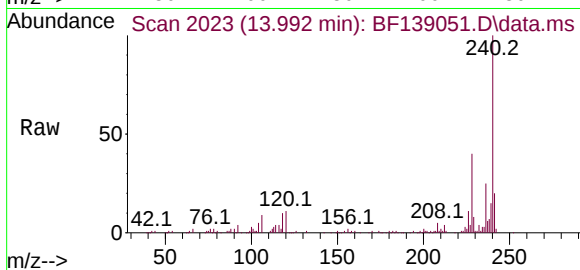
Tgt Ion:228 Resp: 33160

Ion Ratio Lower Upper

228 100

226 26.7 22.1 33.1

229 19.6 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 4.471 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

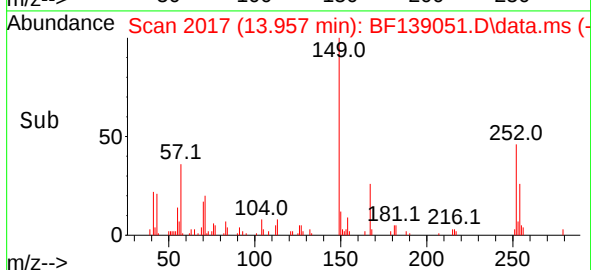
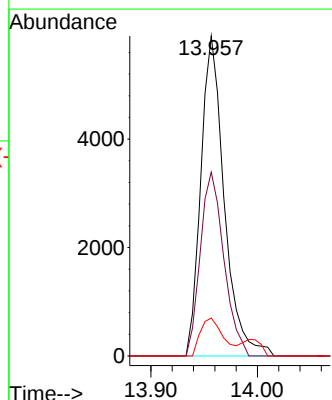
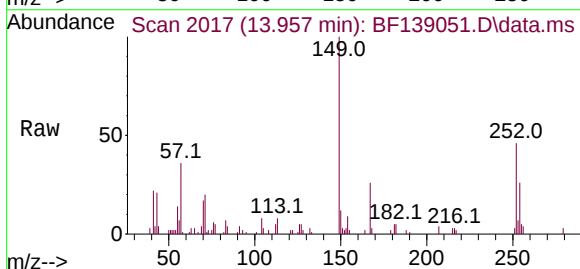
Tgt Ion:252 Resp: 9009

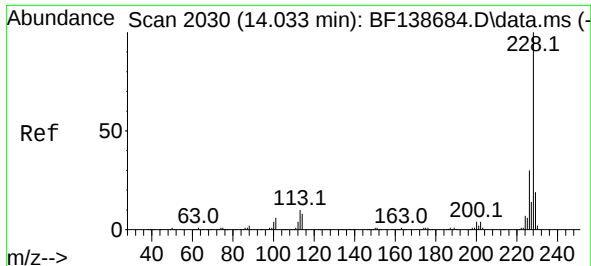
Ion Ratio Lower Upper

252 100

254 57.5 50.8 76.2

126 11.8 10.2 15.2





#83

Chrysene

Concen: 4.108 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

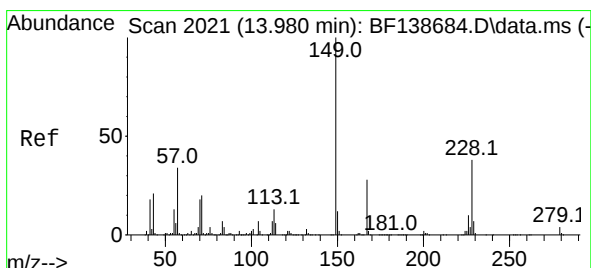
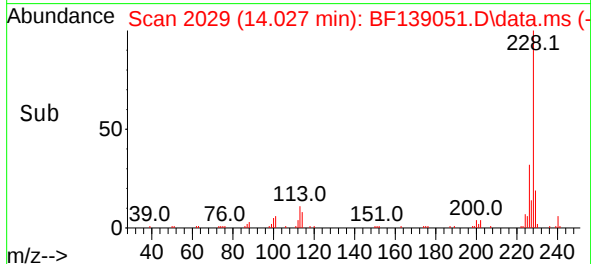
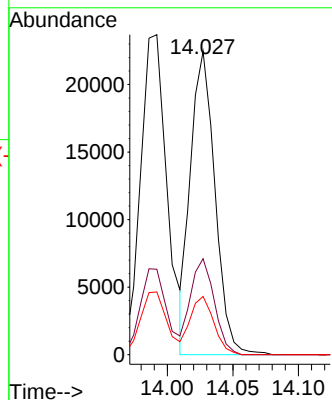
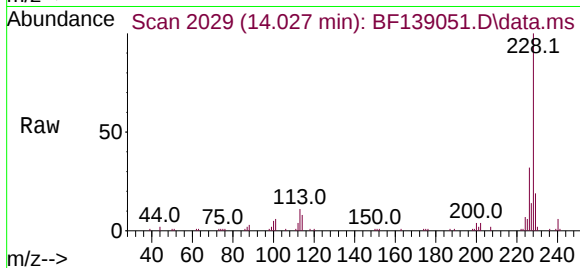
Tgt Ion:228 Resp: 29182

Ion Ratio Lower Upper

228 100

226 31.6 23.7 35.5

229 19.2 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.577 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

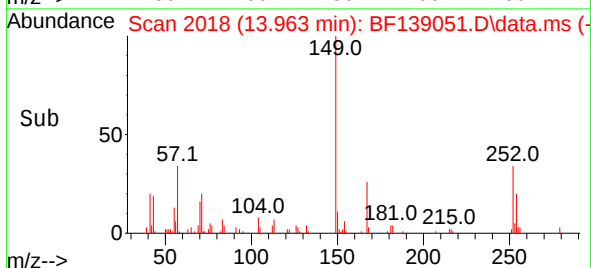
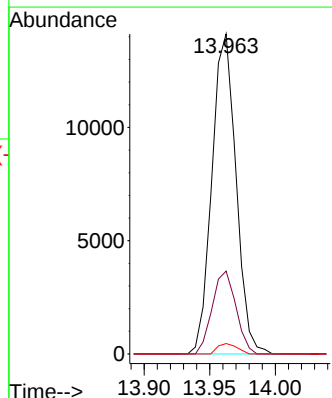
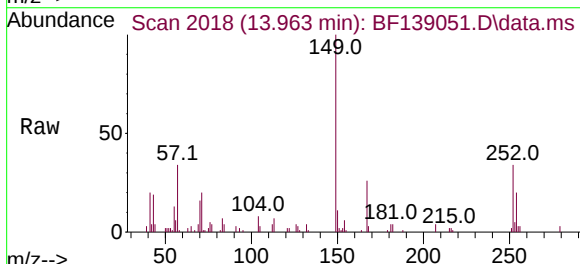
Tgt Ion:149 Resp: 18058

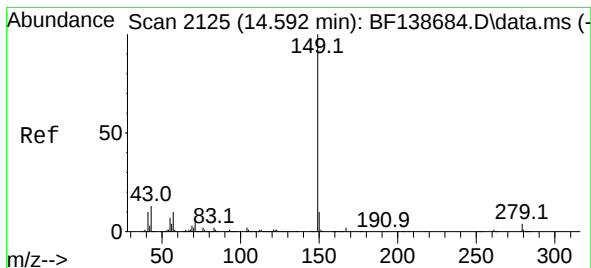
Ion Ratio Lower Upper

149 100

167 25.9 22.2 33.4

279 3.3 3.4 5.0#





#85

Di-n-octyl phthalate

Concen: 2.624 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

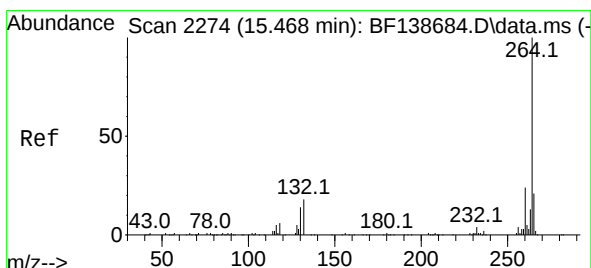
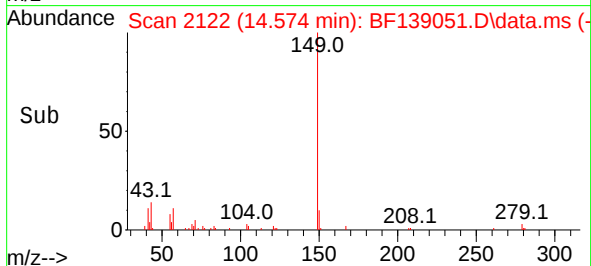
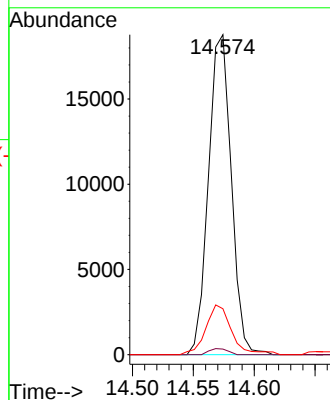
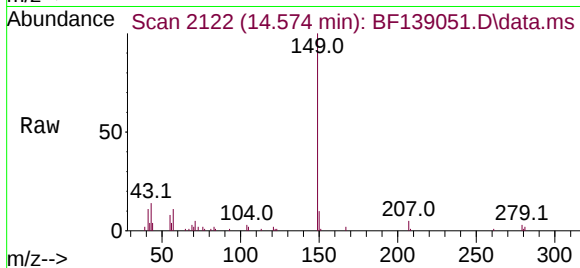
Tgt Ion:149 Resp: 24507

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 17.5 10.4 15.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

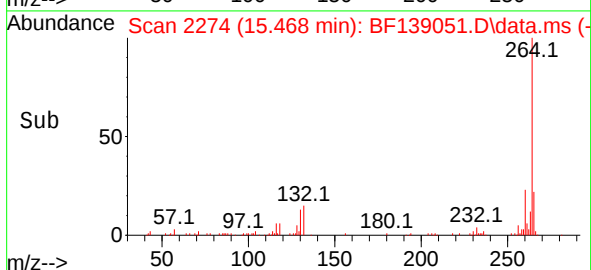
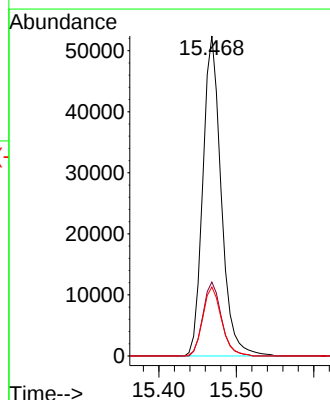
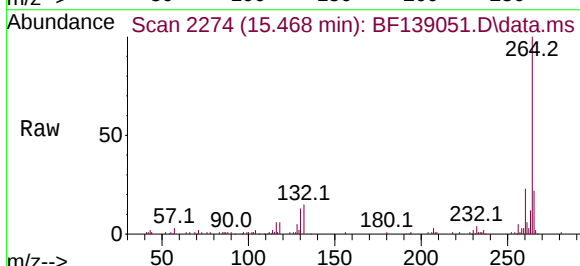
Tgt Ion:264 Resp: 86144

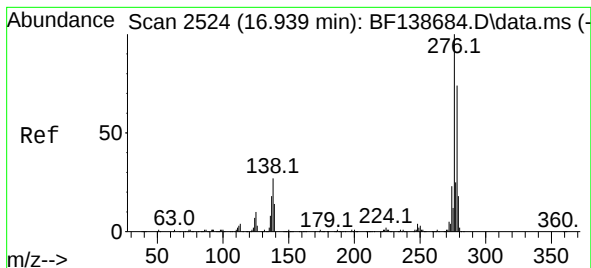
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.567 ng

RT: 16.956 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

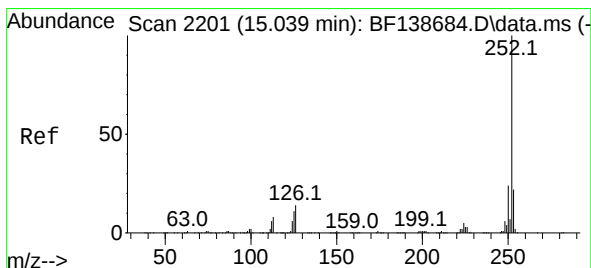
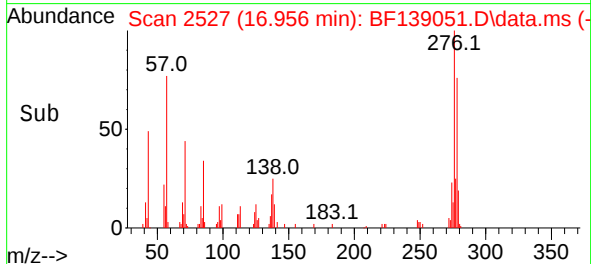
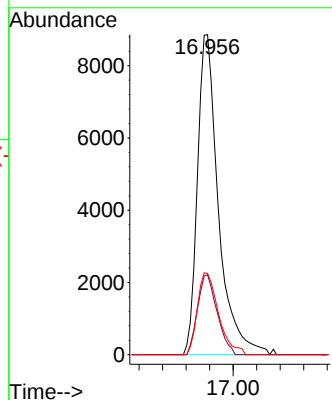
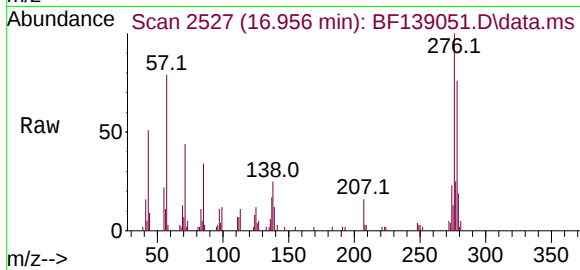
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:	276	Resp:	22023
Ion Ratio	Lower	Upper	
276	100		
138	23.1	21.8	32.8
277	25.6	20.6	30.8



#88

Benzo(b)fluoranthene

Concen: 4.122 ng

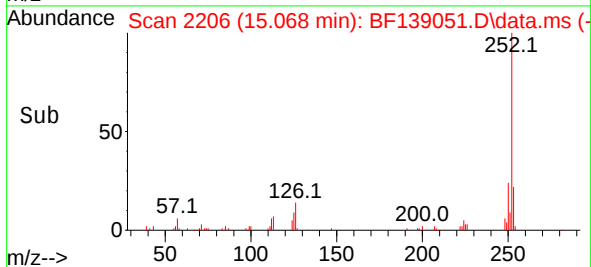
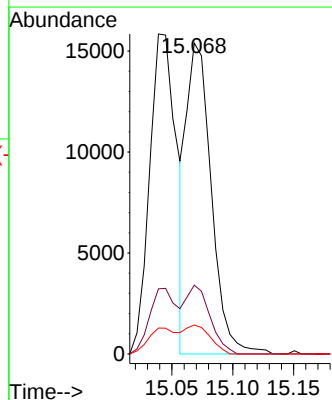
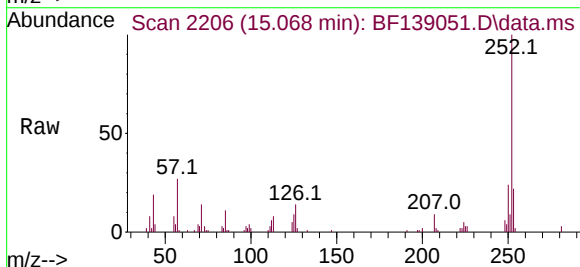
RT: 15.068 min Scan# 2206

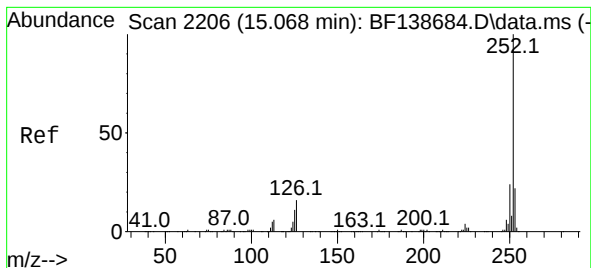
Delta R.T. 0.029 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Tgt Ion:	252	Resp:	22014
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	9.3	8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 4.761 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

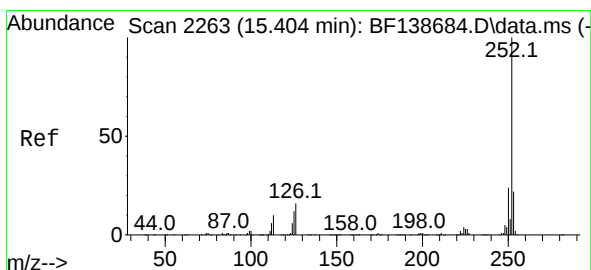
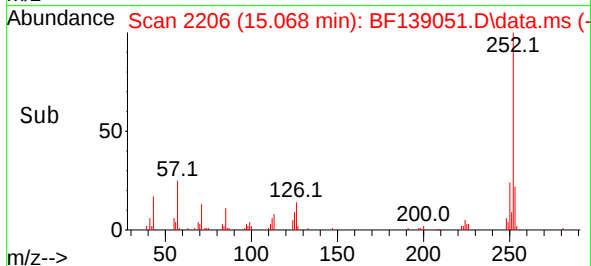
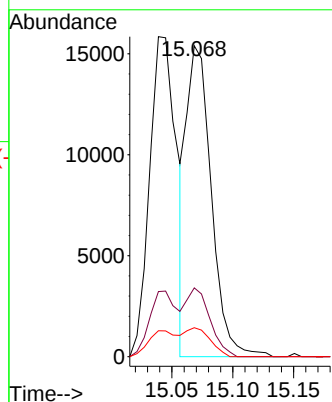
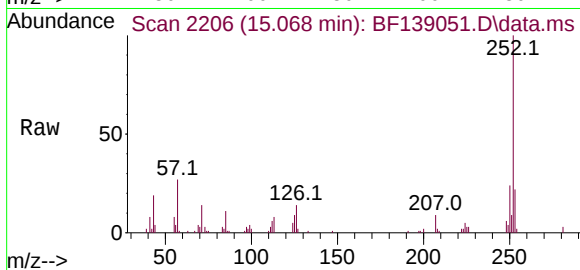
Tgt Ion:252 Resp: 22014

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.3 8.6 13.0



#90

Benzo(a)pyrene

Concen: 4.563 ng

RT: 15.409 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF139051.D

Acq: 16 Aug 2024 11:13

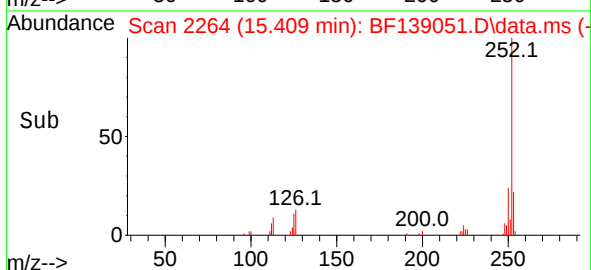
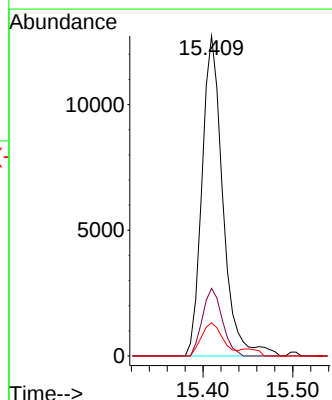
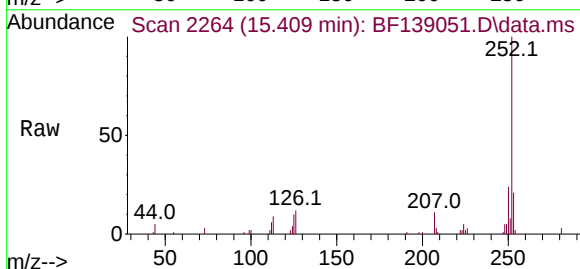
Tgt Ion:252 Resp: 20498

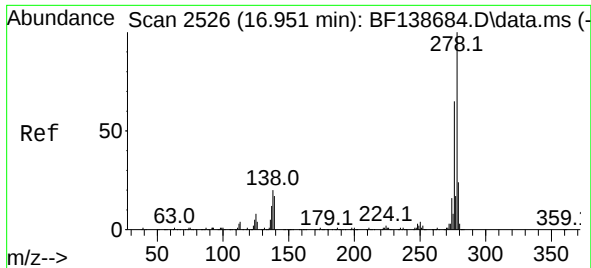
Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

125 10.3 9.5 14.3

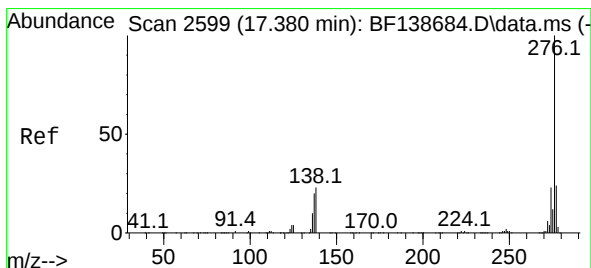
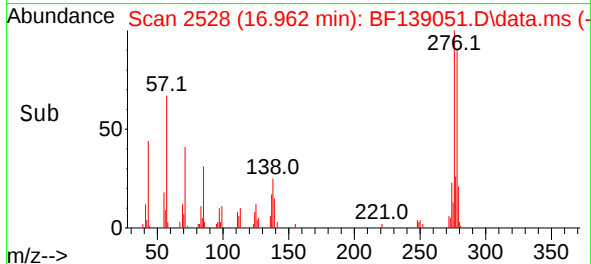
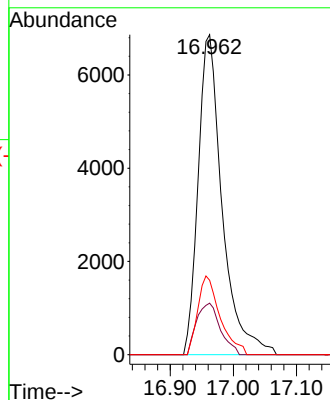
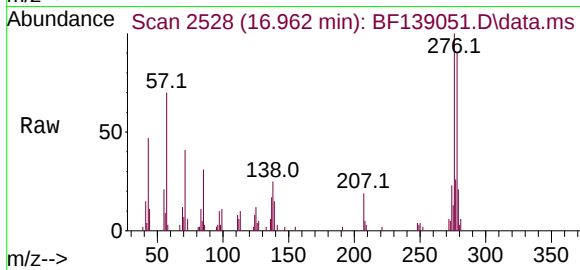




#91
 Dibenzo(a,h)anthracene
 Concen: 3.582 ng
 RT: 16.962 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF139051.D
 Acq: 16 Aug 2024 11:13

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

Tgt Ion:	278	Resp:	18151
Ion Ratio	Lower	Upper	
278	100		
139	16.1	14.0	21.0
279	23.2	19.0	28.4



#92
 Benzo(g,h,i)perylene
 Concen: 3.307 ng
 RT: 17.403 min Scan# 2603
 Delta R.T. 0.023 min
 Lab File: BF139051.D
 Acq: 16 Aug 2024 11:13

Tgt Ion:	276	Resp:	17392
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.0	28.4
138	21.1	18.5	27.7

