

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139255.D
 Acq On : 05 Sep 2024 11:33
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-5 ng
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 05 12:30:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	140223	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	524094	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	280336	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	513314	20.000	ng	0.00
76) Chrysene-d12	14.051	240	254777	20.000	ng	0.00
86) Perylene-d12	15.527	264	234694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	799216	95.347	ng	0.00
7) Phenol-d6	6.510	99	1088791	97.300	ng	0.00
23) Nitrobenzene-d5	7.451	82	763062	75.743	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	233074	96.282	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1354296	74.573	ng	0.00
79) Terphenyl-d14	12.998	244	1188496	75.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	17304	4.433	ng	98
3) Pyridine	3.469	79	38333	4.068	ng	100
4) n-Nitrosodimethylamine	3.369	42	26856	4.389	ng	# 98
6) Aniline	6.551	93	55502	5.394	ng	99
8) 2-Chlorophenol	6.669	128	41019	4.722	ng	87
9) Benzaldehyde	6.440	77	36243	5.351	ng	98
10) Phenol	6.528	94	55307	4.686	ng	85
11) bis(2-Chloroethyl)ether	6.622	93	40098	4.742	ng	100
12) 1,3-Dichlorobenzene	6.828	146	45005	4.577	ng	99
13) 1,4-Dichlorobenzene	6.904	146	45161	4.589	ng	99
14) 1,2-Dichlorobenzene	7.057	146	42514	4.632	ng	99
15) Benzyl Alcohol	7.022	79	45640	5.593	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	78657	4.886	ng	99
17) 2-Methylphenol	7.128	107	30775	4.337	ng	99
18) Hexachloroethane	7.398	117	15436	4.391	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	30465	4.727	ng	98
20) 3+4-Methylphenols	7.287	107	40919	4.575	ng	# 80
22) Acetophenone	7.292	105	59724	4.783	ng	95
24) Nitrobenzene	7.469	77	48005	4.489	ng	98
25) Isophorone	7.698	82	79675	4.626	ng	100
26) 2-Nitrophenol	7.781	139	17383	4.139	ng	98
27) 2,4-Dimethylphenol	7.816	122	16682	2.785	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	48534	4.730	ng	98
29) 2,4-Dichlorophenol	8.022	162	33231	4.634	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	36811	4.494	ng	99
31) Naphthalene	8.192	128	122780	4.626	ng	99
32) Benzoic acid	7.975	122	515	0.094	ng	91
33) 4-Chloroaniline	8.239	127	44956	4.892	ng	97
34) Hexachlorobutadiene	8.310	225	22380	4.312	ng	98
35) Caprolactam	8.563	113	9224	4.155	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	33931	4.342	ng	97
37) 2-Methylnaphthalene	8.881	142	77310	4.656	ng	97
38) 1-Methylnaphthalene	8.981	142	73883	4.524	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	39039	4.922	ng	99
41) Hexachlorocyclopentadiene	9.033	237	7247	2.843	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	22793	4.392	ng	98

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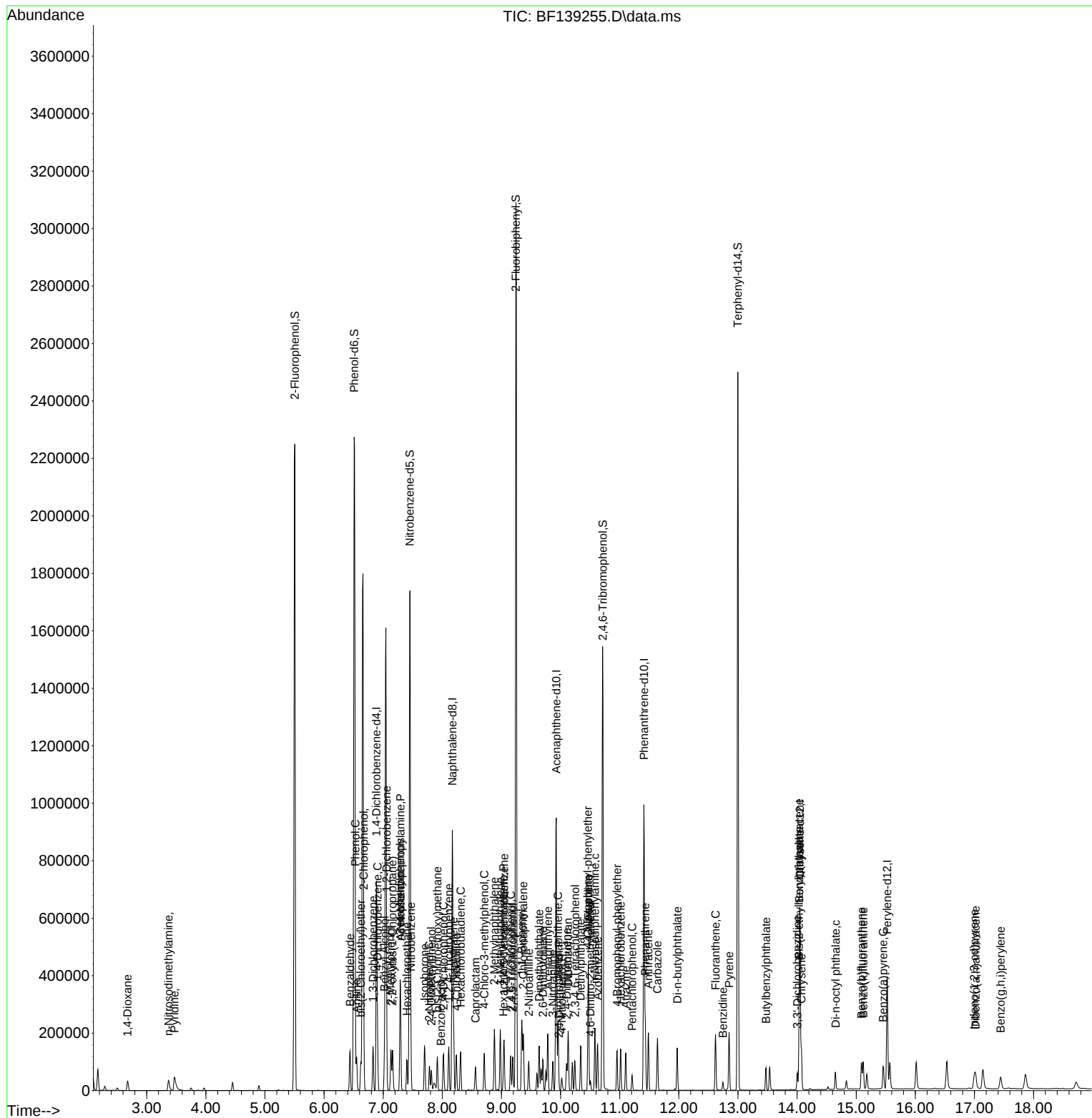
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	24213	4.452	ng	98
46) 1,1'-Biphenyl	9.345	154	100784	4.852	ng	98
47) 2-Chloronaphthalene	9.369	162	72569	4.627	ng	99
48) 2-Nitroaniline	9.463	65	22980	4.254	ng	100
49) Acenaphthylene	9.786	152	119308	5.051	ng	99
50) Dimethylphthalate	9.639	163	81542	4.799	ng	100
51) 2,6-Dinitrotoluene	9.704	165	15576	4.041	ng	97
52) Acenaphthene	9.957	154	70173	4.479	ng	97
53) 3-Nitroaniline	9.869	138	18212	4.434	ng	97
54) 2,4-Dinitrophenol	9.975	184	2004	8.425	ng	# 2
55) Dibenzofuran	10.128	168	109579	4.878	ng	99
56) 4-Nitrophenol	10.022	139	9032	2.980	ng	99
57) 2,4-Dinitrotoluene	10.104	165	20332	4.144	ng	95
58) Fluorene	10.469	166	84977	4.879	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	18437	4.307	ng	98
60) Diethylphthalate	10.339	149	77918	4.660	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	40319	4.801	ng	99
62) 4-Nitroaniline	10.475	138	15711	4.019	ng	97
63) Azobenzene	10.627	77	81243	4.610	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	4649	1.960	ng	94
66) n-Nitrosodiphenylamine	10.580	169	70407	4.712	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	22428	4.503	ng	96
68) Hexachlorobenzene	11.016	284	26058	4.570	ng	98
69) Atrazine	11.104	200	19245	5.583	ng	98
70) Pentachlorophenol	11.210	266	8166	2.479	ng	96
71) Phenanthrene	11.433	178	116800	4.871	ng	99
72) Anthracene	11.486	178	107195	4.576	ng	100
73) Carbazole	11.639	167	98642	4.505	ng	99
74) Di-n-butylphthalate	11.974	149	102036	4.552	ng	99
75) Fluoranthene	12.621	202	110028	4.577	ng	99
77) Benzidine	12.745	184	17164	3.346	ng	96
78) Pyrene	12.851	202	115036	4.674	ng	100
80) Butylbenzylphthalate	13.474	149	23484	4.053	ng	97
81) Benzo(a)anthracene	14.039	228	75582	4.646	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	18633	4.313	ng	99
83) Chrysene	14.074	228	69747	4.594	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	25289	3.719	ng	99
85) Di-n-octyl phthalate	14.651	149	39781	3.055	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	49073	3.347	ng	98
88) Benzo(b)fluoranthene	15.092	252	58008	4.292	ng	99
89) Benzo(k)fluoranthene	15.121	252	57179	4.718	ng	99
90) Benzo(a)pyrene	15.457	252	50486	4.399	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	39743	3.289	ng	98
92) Benzo(g,h,i)perylene	17.445	276	40071	3.213	ng	100

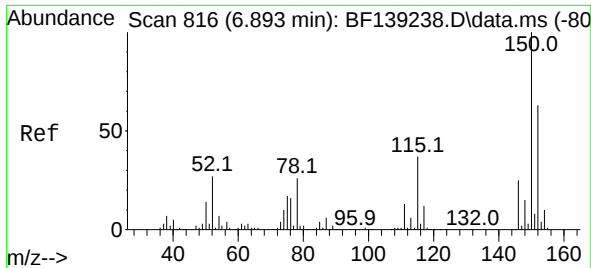
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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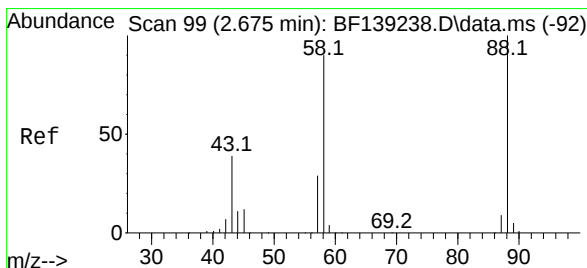
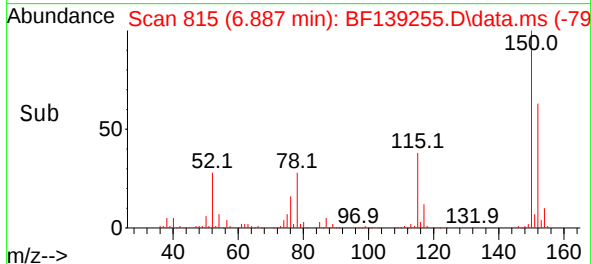
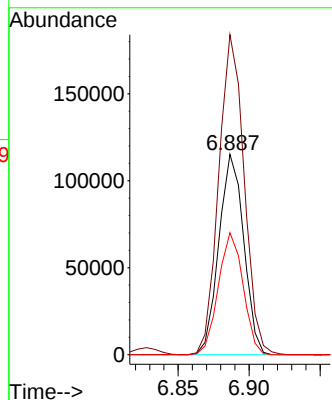
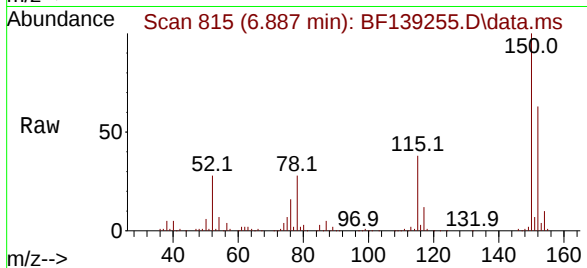




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

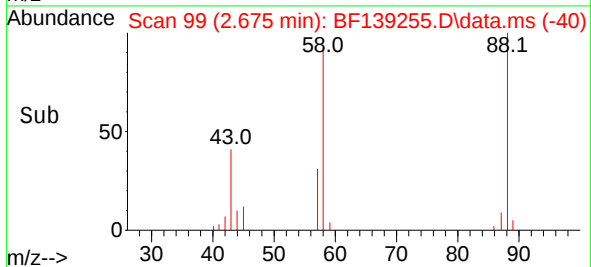
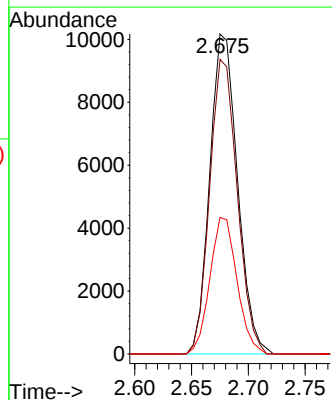
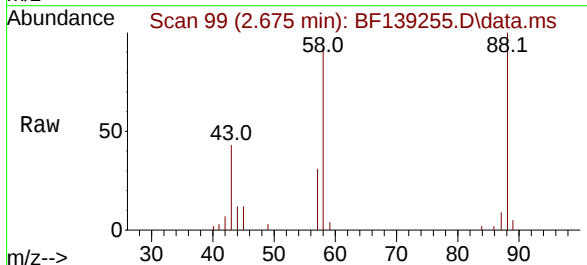
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

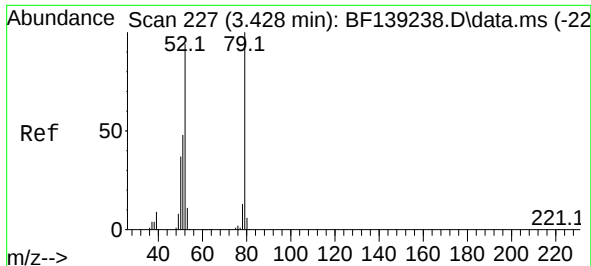
Tgt Ion:152 Resp: 140223
Ion Ratio Lower Upper
152 100
150 159.8 127.0 190.4
115 60.9 46.9 70.3



#2
1,4-Dioxane
Concen: 4.433 ng
RT: 2.675 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion: 88 Resp: 17304
Ion Ratio Lower Upper
88 100
58 91.3 72.5 108.7
43 41.7 31.4 47.2





#3

Pyridine

Concen: 4.068 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

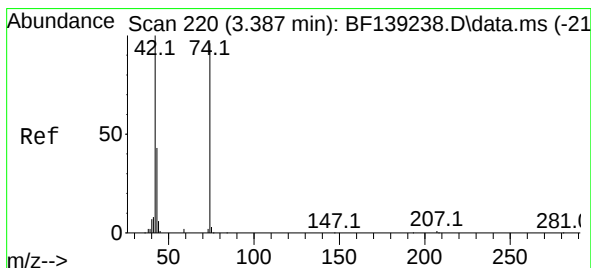
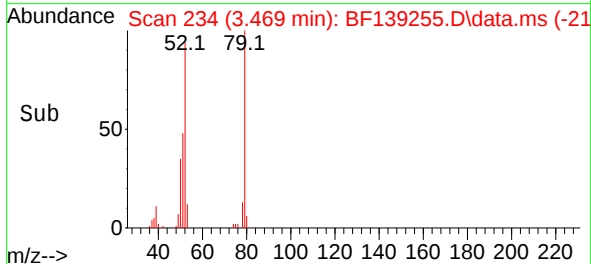
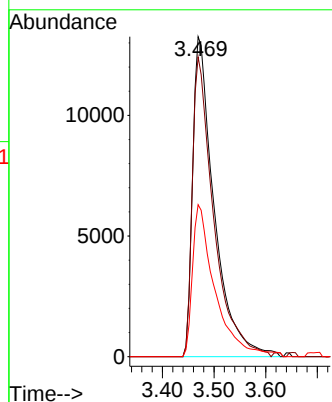
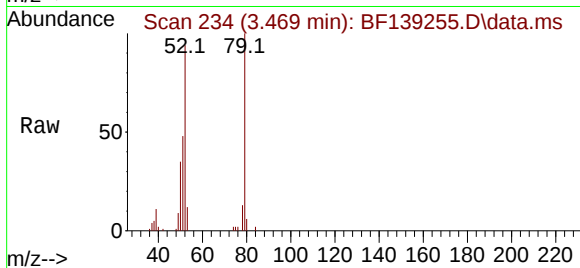
Tgt Ion: 79 Resp: 38333

Ion Ratio Lower Upper

79 100

52 93.7 75.3 112.9

51 47.5 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 4.389 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.018 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

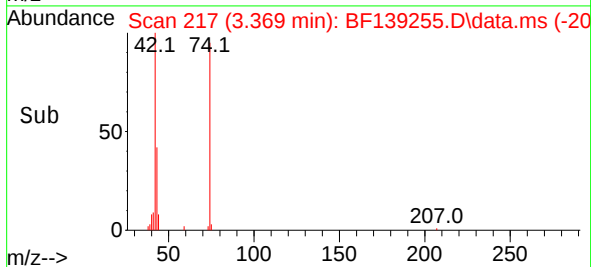
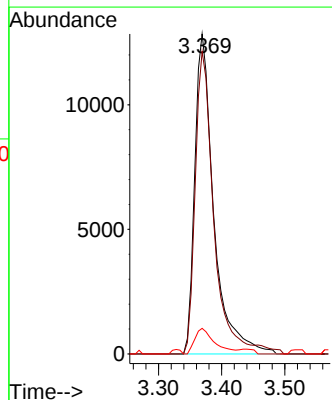
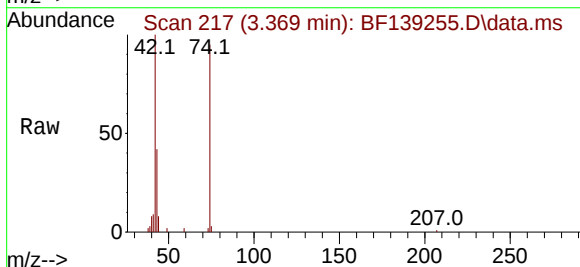
Tgt Ion: 42 Resp: 26856

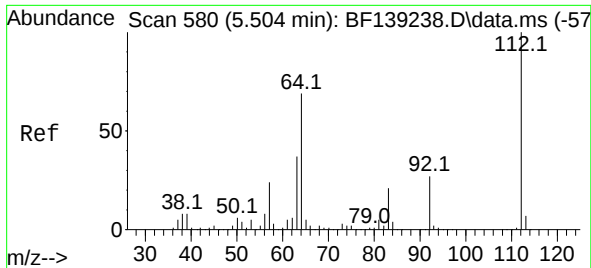
Ion Ratio Lower Upper

42 100

74 94.6 77.2 115.8

44 8.0 5.1 7.7#

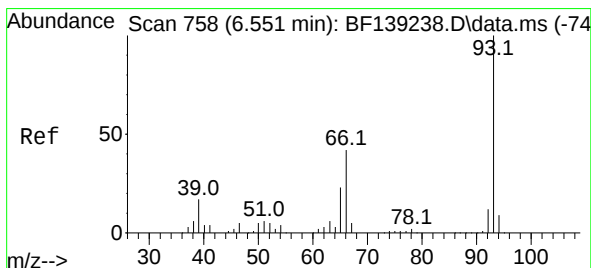
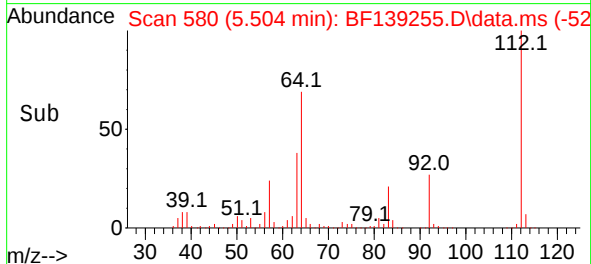
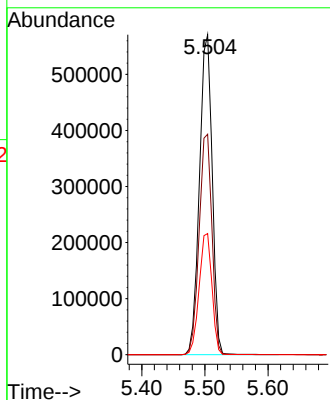
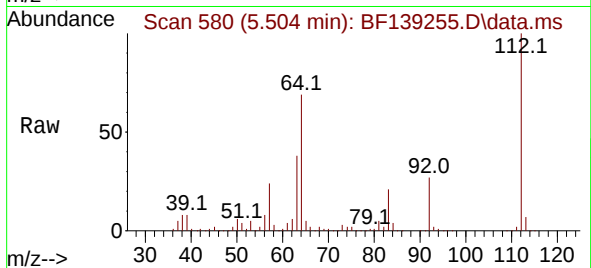




#5
2-Fluorophenol
Concen: 95.347 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

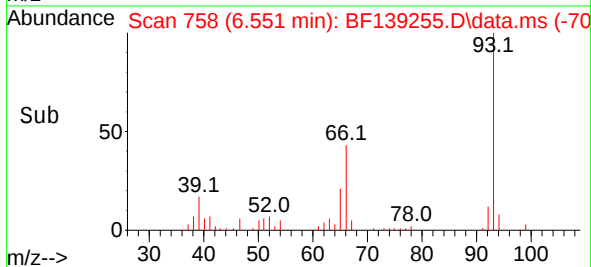
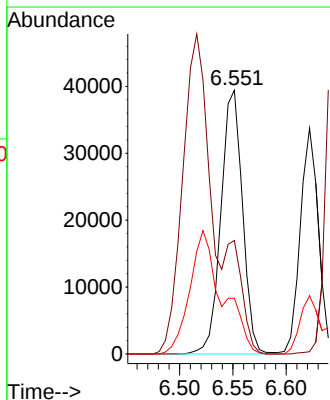
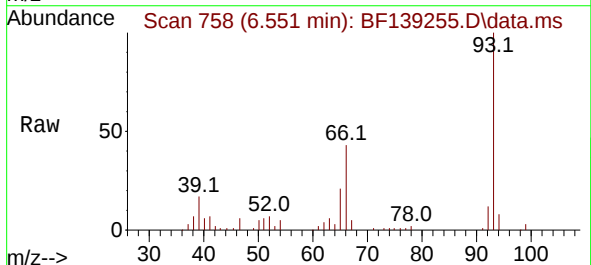
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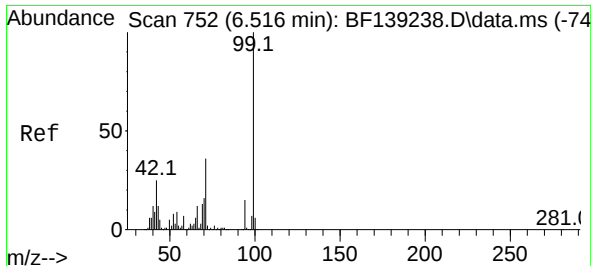
Tgt Ion:112 Resp: 799216
Ion Ratio Lower Upper
112 100
64 68.9 55.0 82.4
63 37.9 29.9 44.9



#6
Aniline
Concen: 5.394 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion: 93 Resp: 55502
Ion Ratio Lower Upper
93 100
66 43.0 34.4 51.6
65 21.2 18.2 27.4

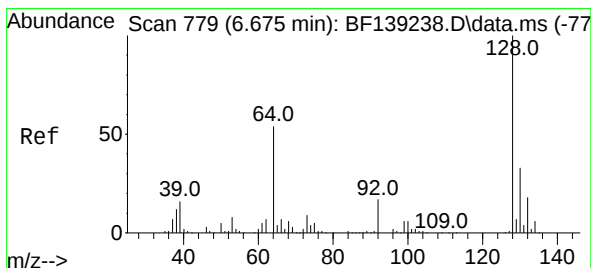
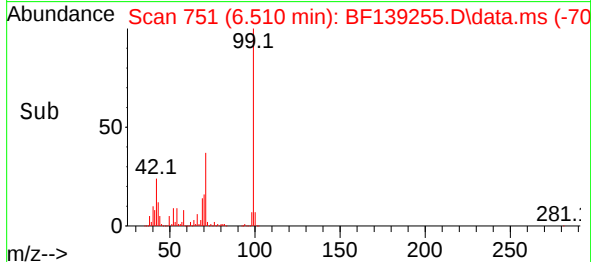
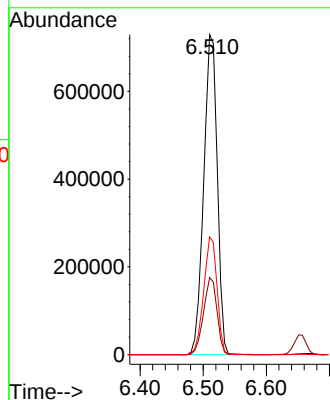
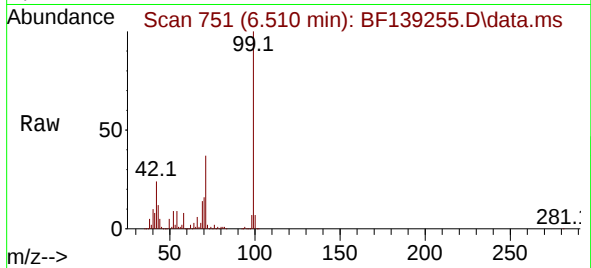




#7
Phenol-d6
Concen: 97.300 ng
RT: 6.510 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

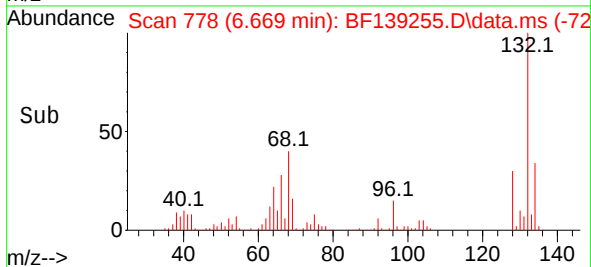
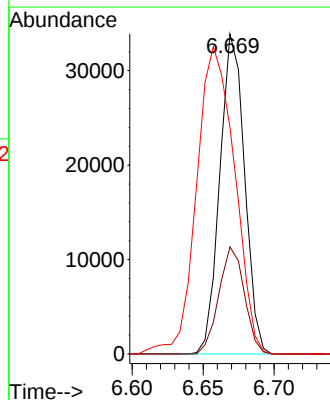
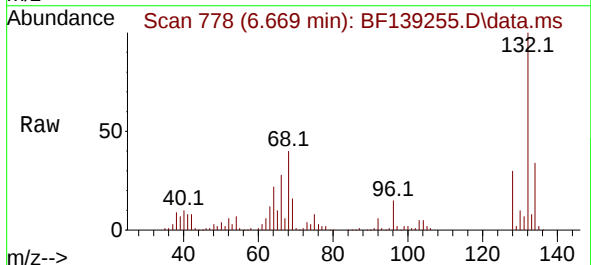
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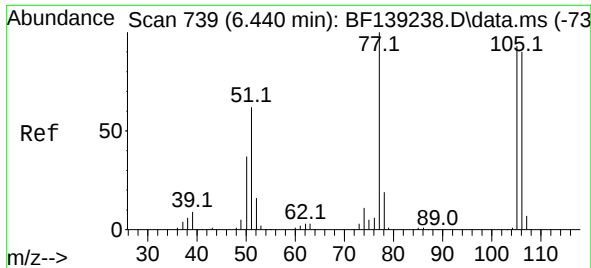
Tgt Ion: 99 Resp: 1088791
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 36.8 28.8 43.2



#8
2-Chlorophenol
Concen: 4.722 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion: 128 Resp: 41019
Ion Ratio Lower Upper
128 100
130 33.4 12.7 52.7
64 70.8 36.6 76.6





#9

Benzaldehyde

Concen: 5.351 ng

RT: 6.440 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

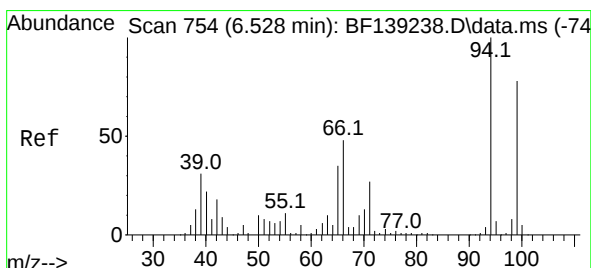
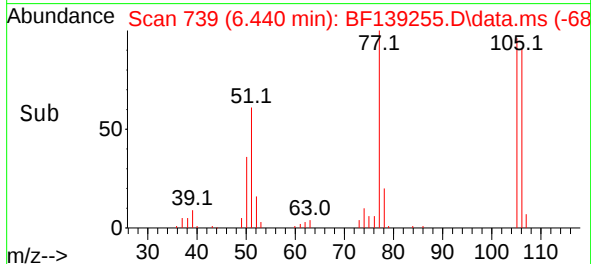
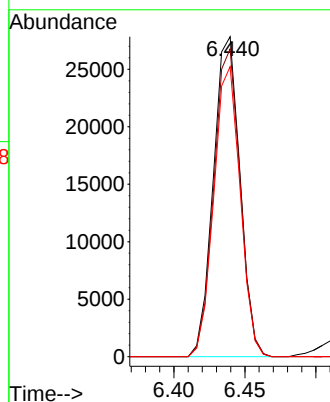
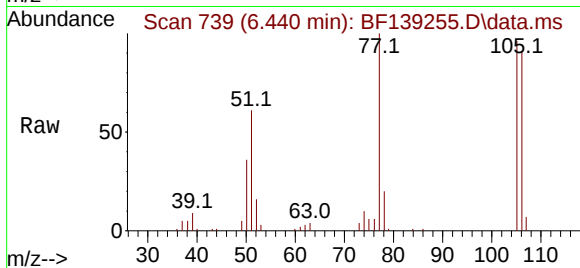
Tgt Ion: 77 Resp: 36243

Ion Ratio Lower Upper

77 100

105 96.2 72.9 112.9

106 90.6 69.6 109.6



#10

Phenol

Concen: 4.686 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

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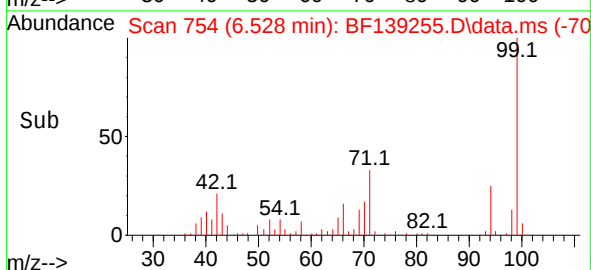
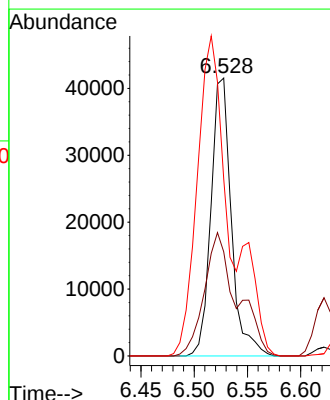
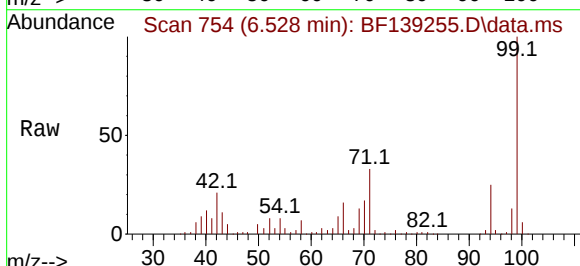
Tgt Ion: 94 Resp: 55307

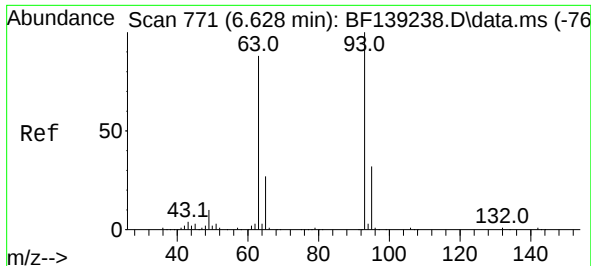
Ion Ratio Lower Upper

94 100

65 37.5 14.7 54.7

66 63.7 28.5 68.5





#11

bis(2-Chloroethyl)ether

Concen: 4.742 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

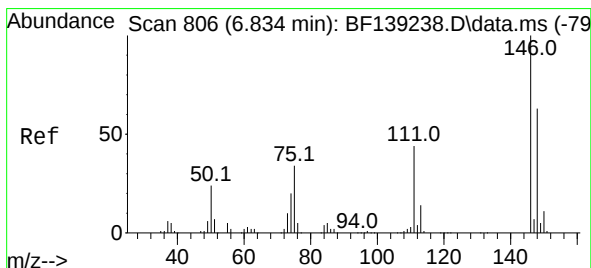
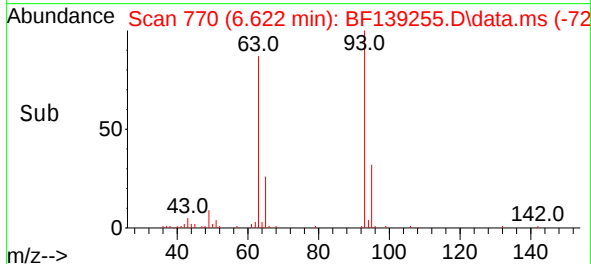
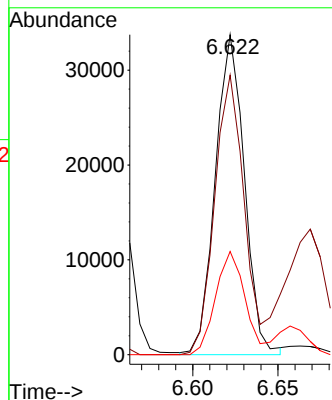
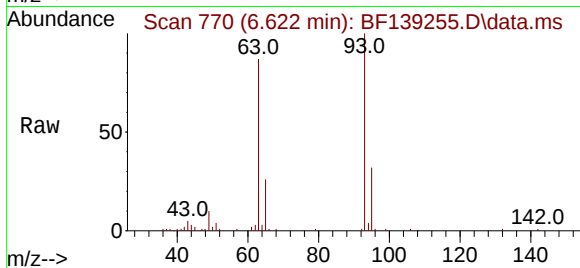
Tgt Ion: 93 Resp: 40098

Ion Ratio Lower Upper

93 100

63 87.4 67.1 107.1

95 32.3 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 4.577 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

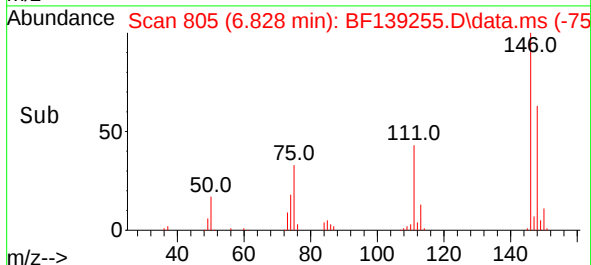
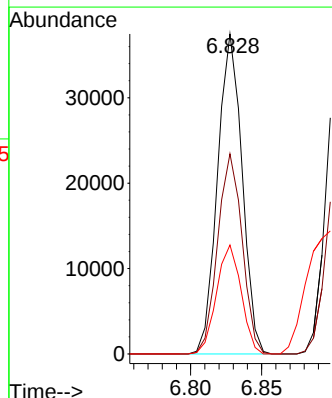
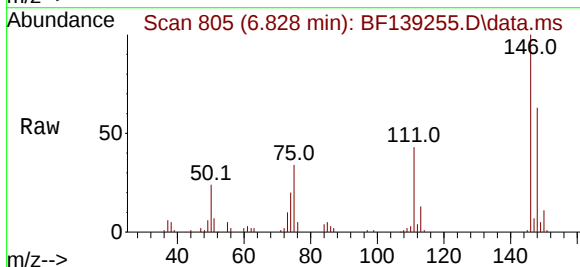
Tgt Ion:146 Resp: 45005

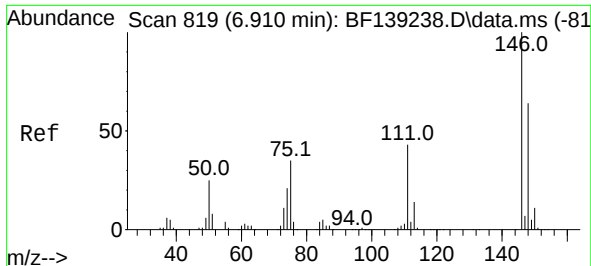
Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

75 34.0 27.3 40.9





#13

1,4-Dichlorobenzene

Concen: 4.589 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

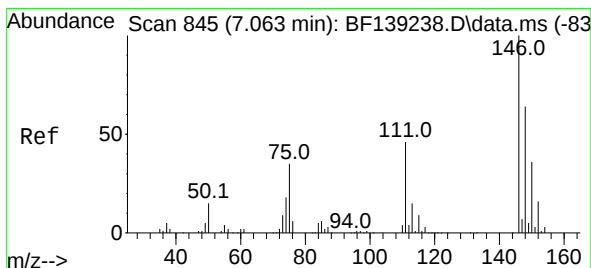
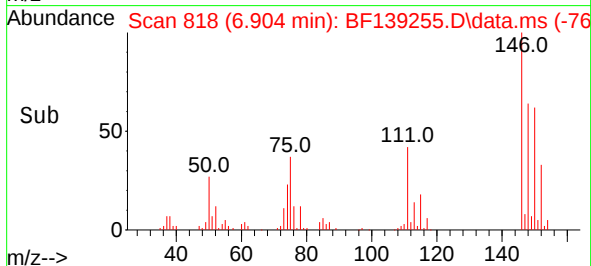
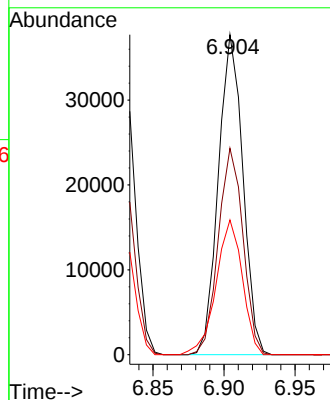
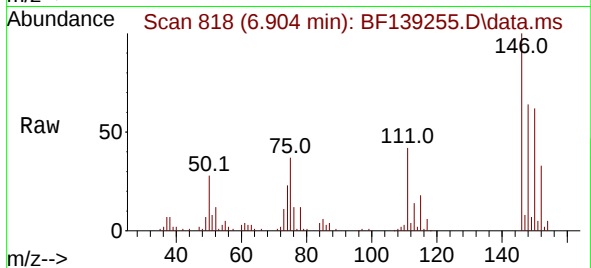
Tgt Ion:146 Resp: 45161

Ion Ratio Lower Upper

146 100

148 64.5 51.2 76.8

111 42.1 34.6 51.8



#14

1,2-Dichlorobenzene

Concen: 4.632 ng

RT: 7.057 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

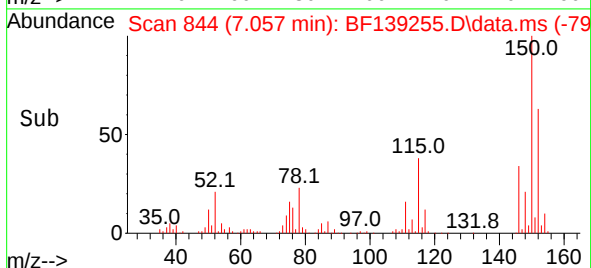
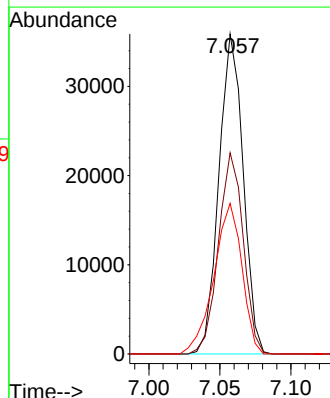
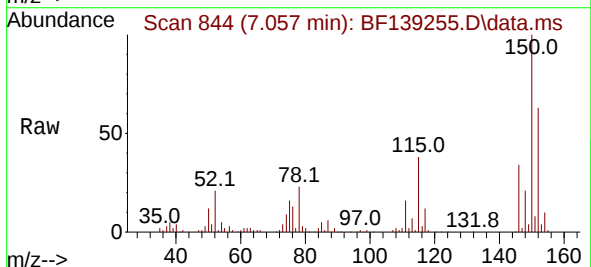
Tgt Ion:146 Resp: 42514

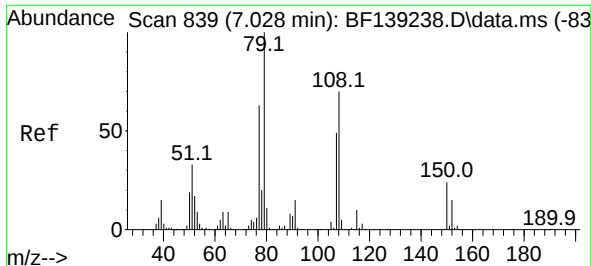
Ion Ratio Lower Upper

146 100

148 62.8 50.9 76.3

111 47.0 36.6 55.0

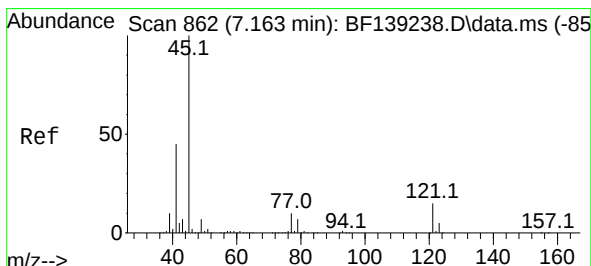
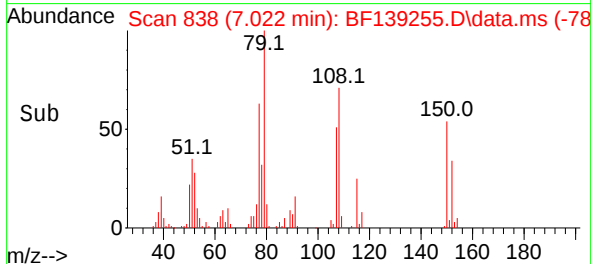
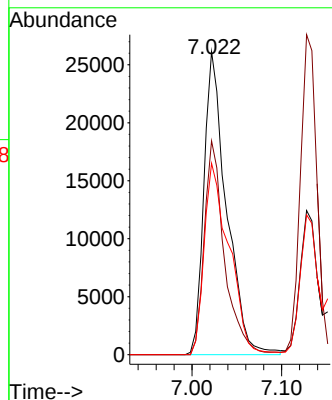
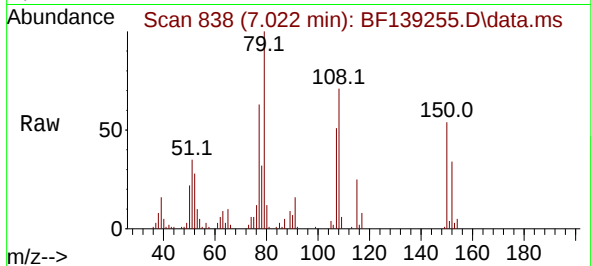




#15
Benzyl Alcohol
Concen: 5.593 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

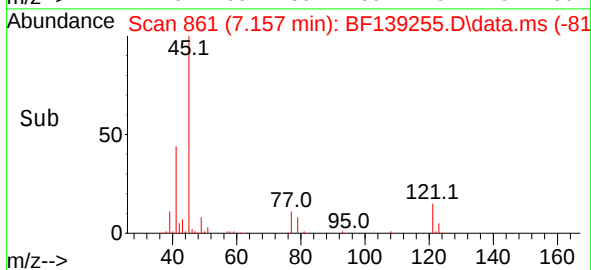
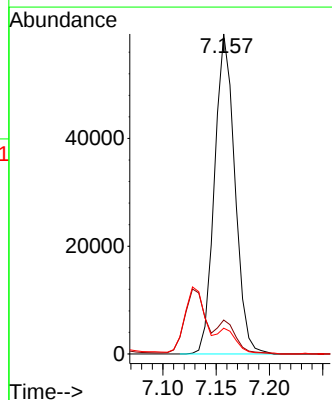
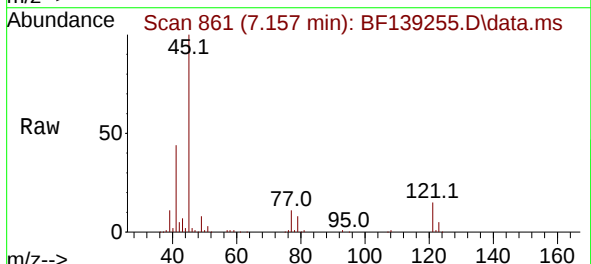
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

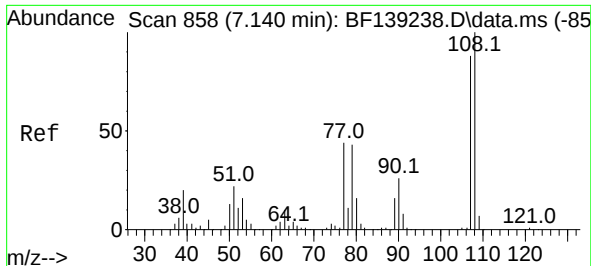
Tgt Ion: 79 Resp: 45640
Ion Ratio Lower Upper
79 100
108 70.6 56.1 84.1
77 63.2 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.886 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion: 45 Resp: 78657
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.0
79 8.1 0.0 27.6

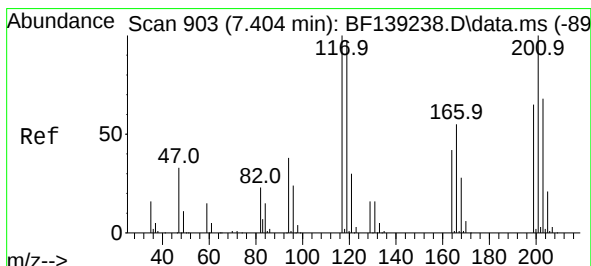
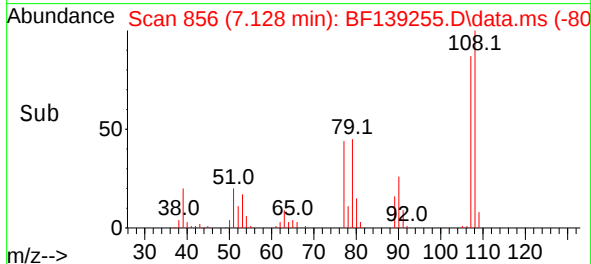
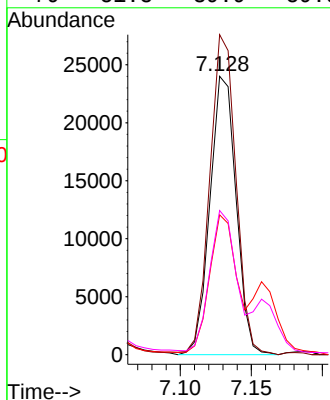
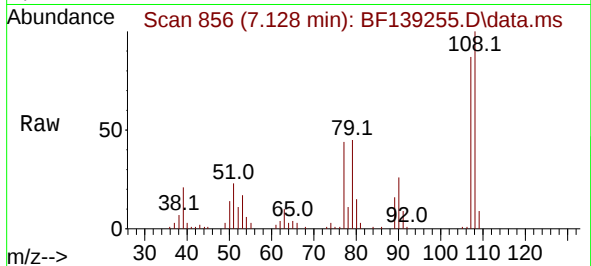




#17
2-Methylphenol
Concen: 4.337 ng
RT: 7.128 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

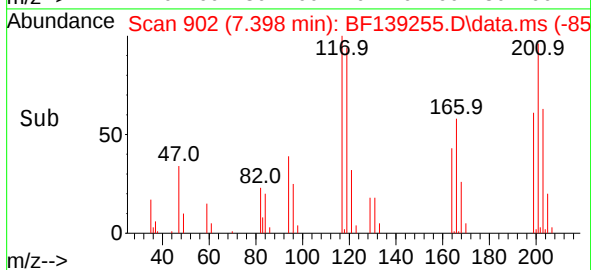
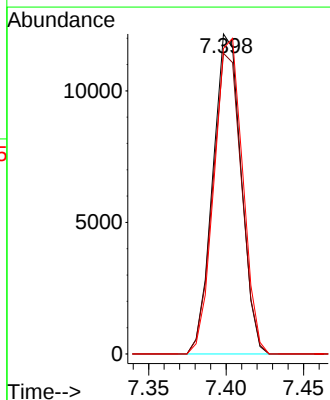
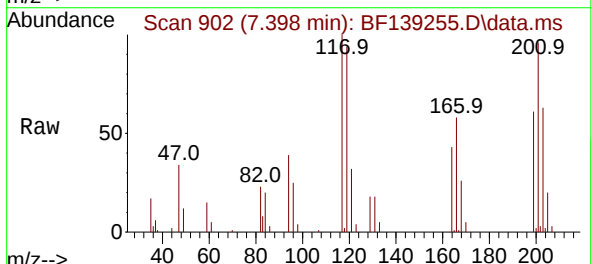
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

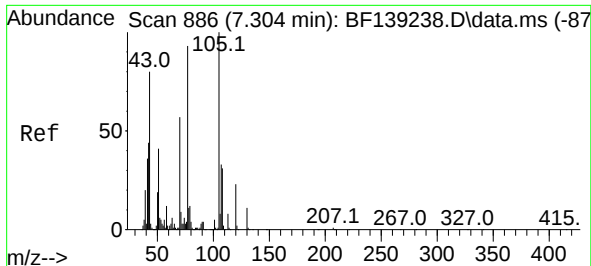
Tgt Ion:	107	Resp:	30775
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.4	137.2
77	50.2	40.1	60.1
79	51.8	39.9	59.9



#18
Hexachloroethane
Concen: 4.391 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:	117	Resp:	15436
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.4	116.2
201	95.5	80.0	120.0





#19

n-Nitroso-di-n-propylamine

Concen: 4.727 ng

RT: 7.292 min Scan# 886

Delta R.T. -0.012 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 70 Resp: 30465

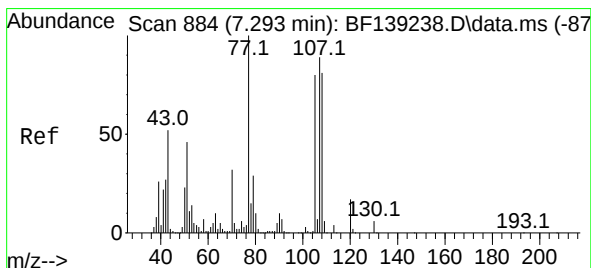
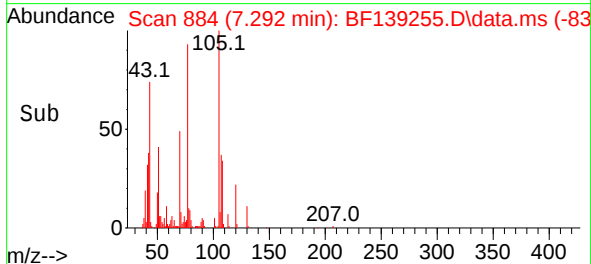
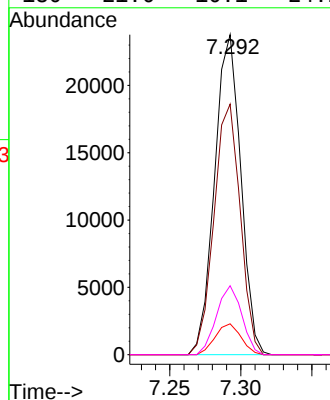
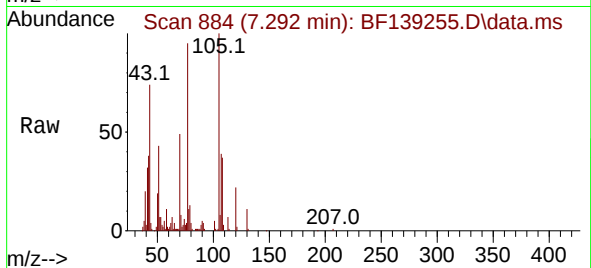
Ion Ratio Lower Upper

70 100

42 78.3 61.0 91.6

101 9.6 7.2 10.8

130 21.6 16.1 24.1



#20

3+4-Methylphenols

Concen: 4.575 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Tgt Ion:107 Resp: 40919

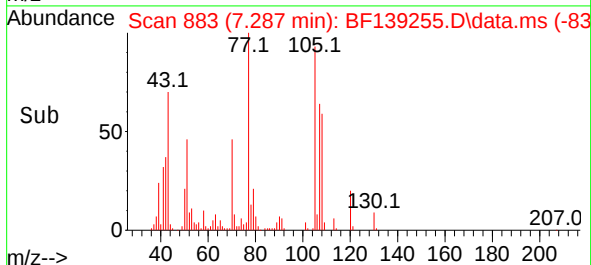
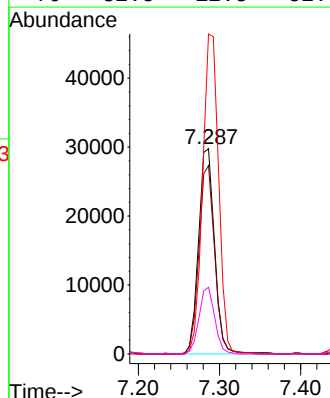
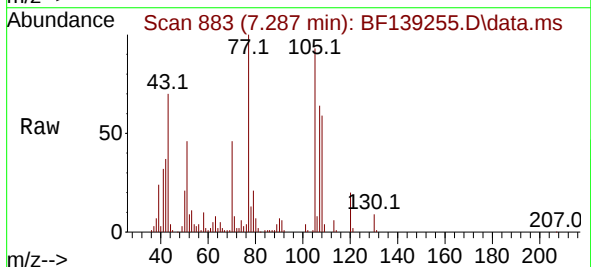
Ion Ratio Lower Upper

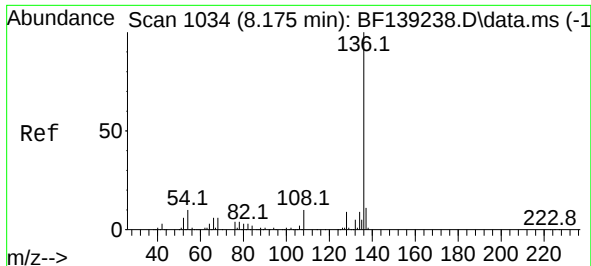
107 100

108 91.9 70.4 110.4

77 155.9 92.2 132.2#

79 32.5 12.8 52.8

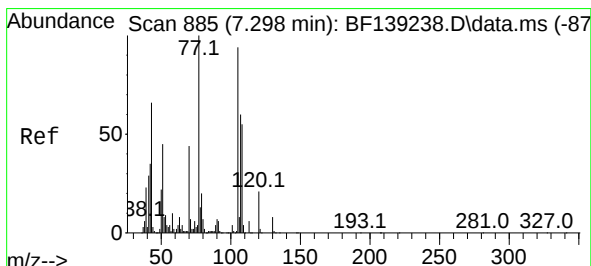
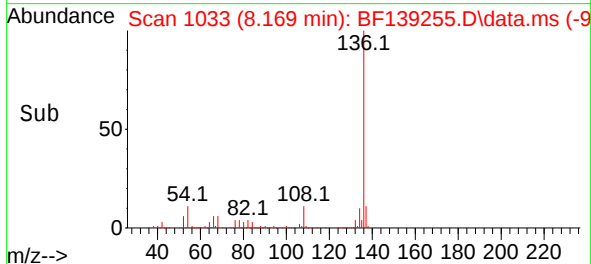
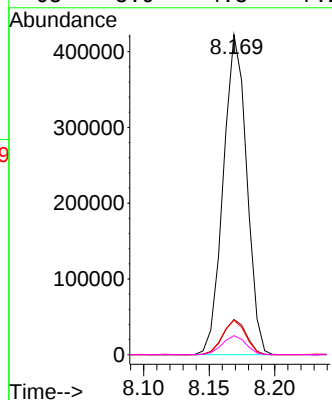
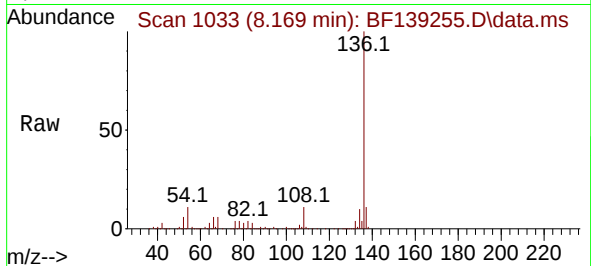




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

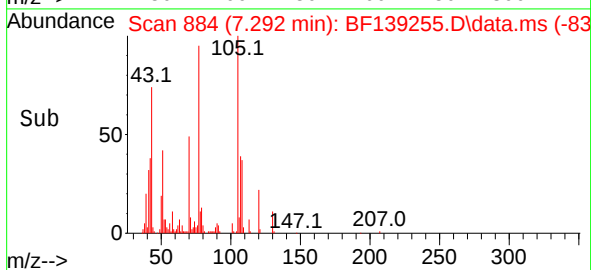
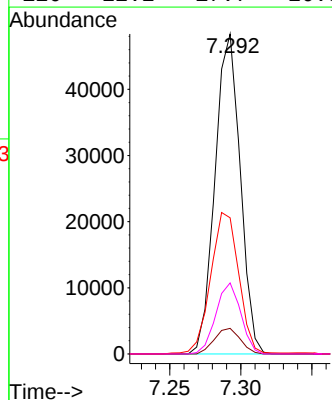
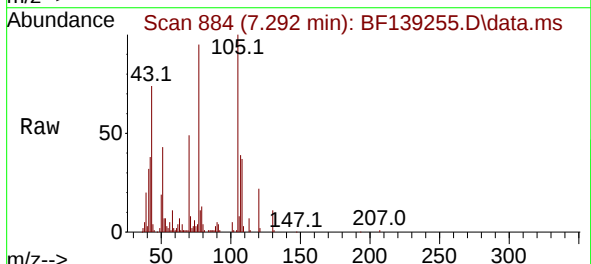
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

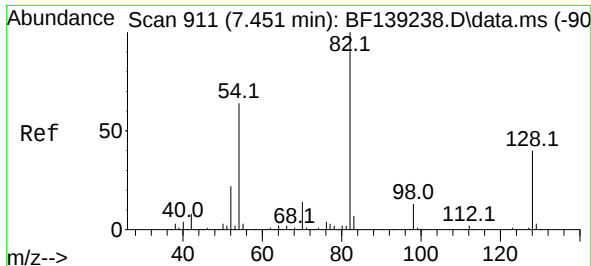
Tgt Ion:136 Resp: 524094
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.8 8.4 12.6
68 5.9 4.8 7.2



#22
Acetophenone
Concen: 4.783 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:105 Resp: 59724
Ion Ratio Lower Upper
105 100
71 8.0 6.2 9.2
51 42.6 38.2 57.2
120 22.2 17.7 26.5





#23

Nitrobenzene-d5

Concen: 75.743 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

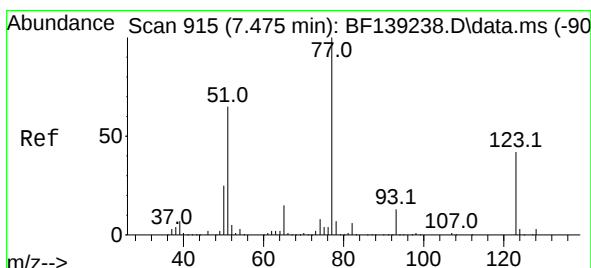
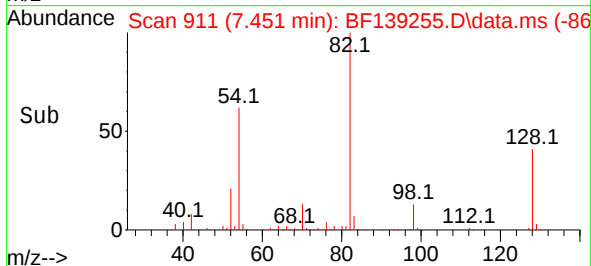
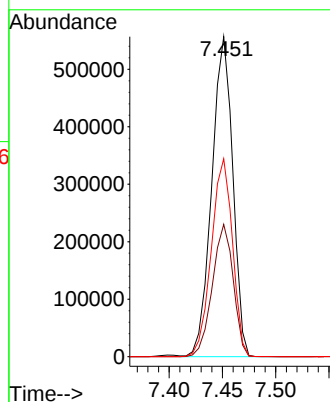
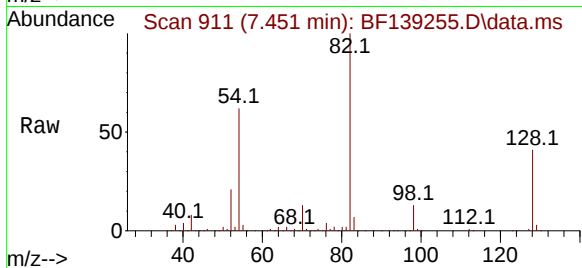
Tgt Ion: 82 Resp: 763062

Ion Ratio Lower Upper

82 100

128 41.3 32.3 48.5

54 61.9 51.2 76.8



#24

Nitrobenzene

Concen: 4.489 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

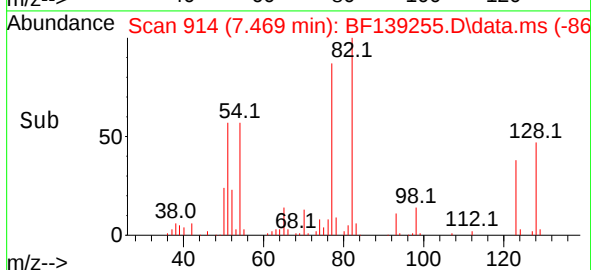
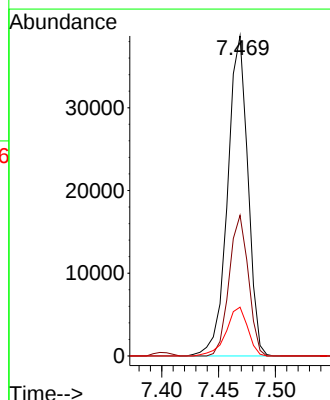
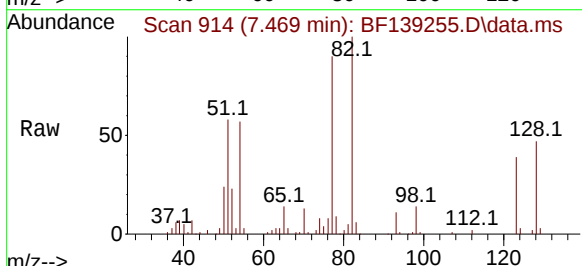
Tgt Ion: 77 Resp: 48005

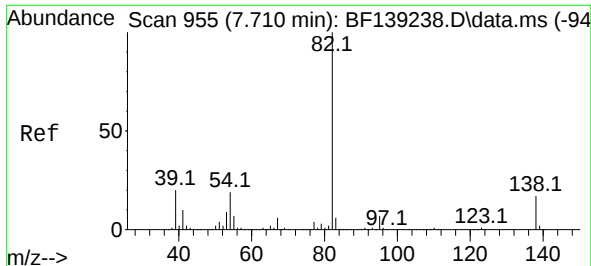
Ion Ratio Lower Upper

77 100

123 43.9 34.0 51.0

65 15.3 12.1 18.1

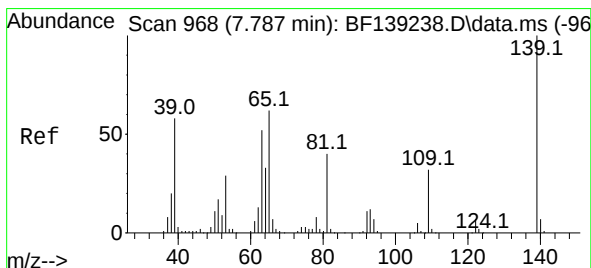
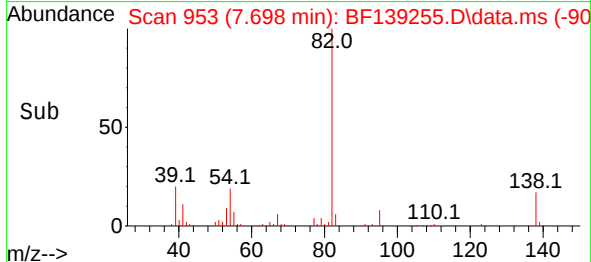
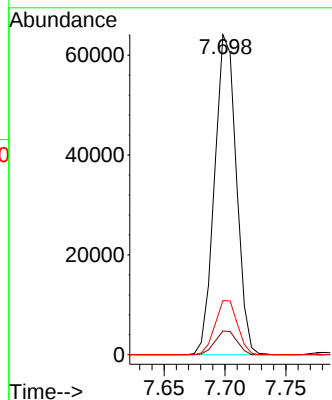
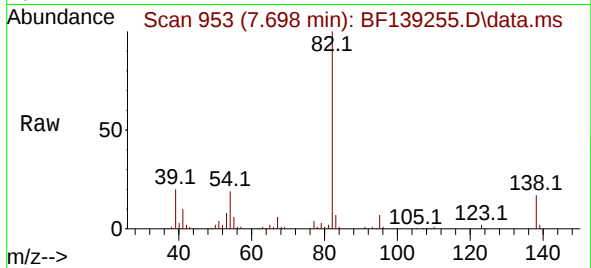




#25
Isophorone
Concen: 4.626 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.012 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

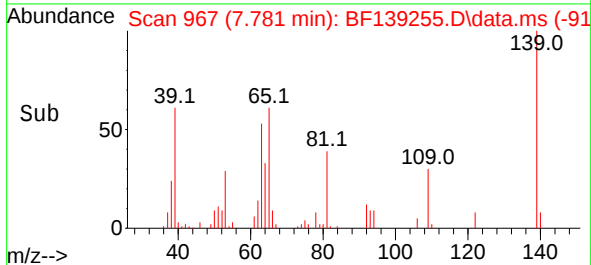
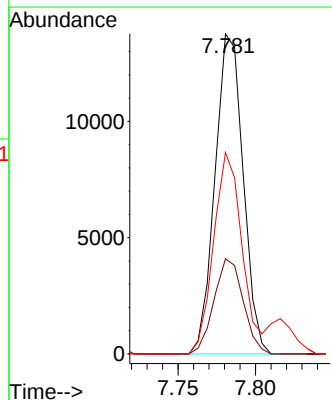
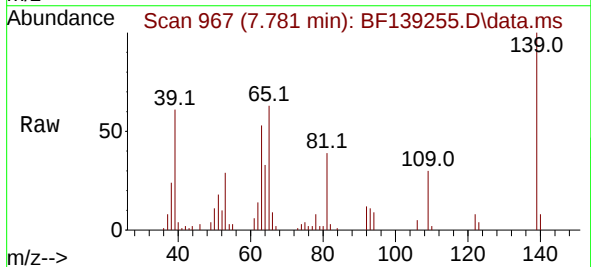
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

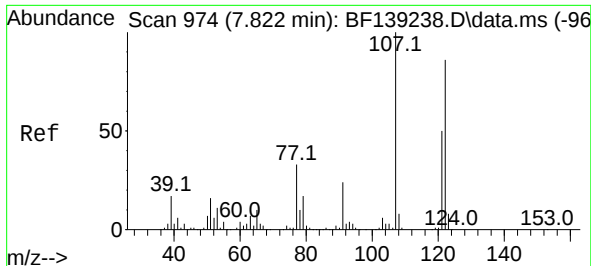
Tgt Ion: 82 Resp: 79675
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.9 13.4 20.0



#26
2-Nitrophenol
Concen: 4.139 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:139 Resp: 17383
Ion Ratio Lower Upper
139 100
109 29.7 25.4 38.2
65 63.0 49.4 74.2

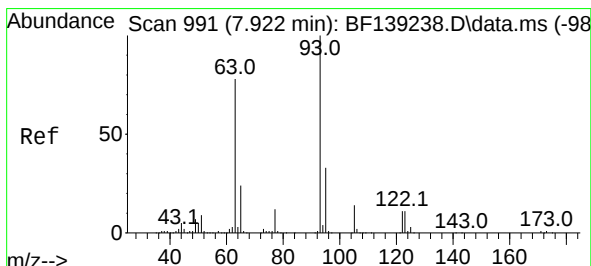
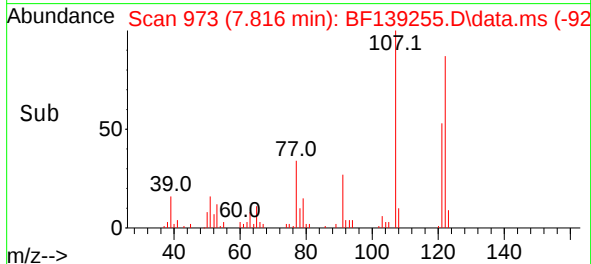
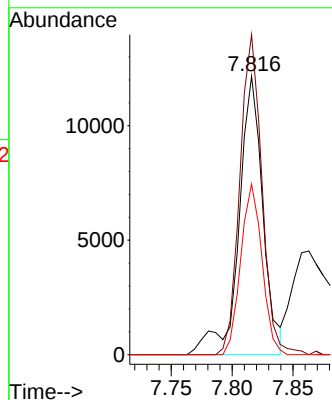
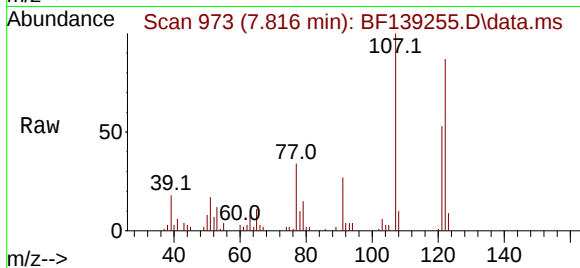




#27
2,4-Dimethylphenol
Concen: 2.785 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

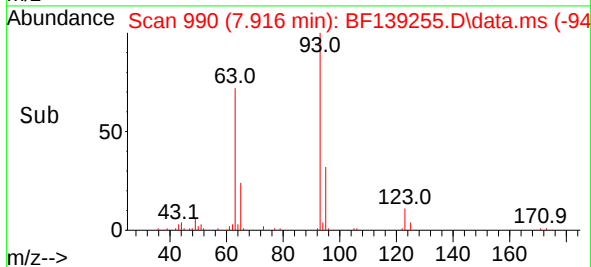
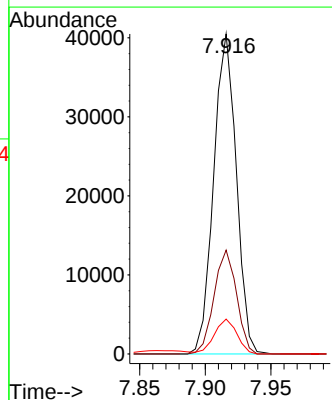
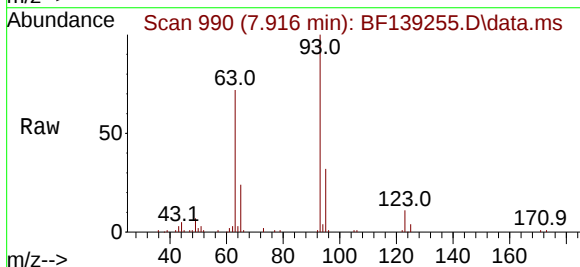
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

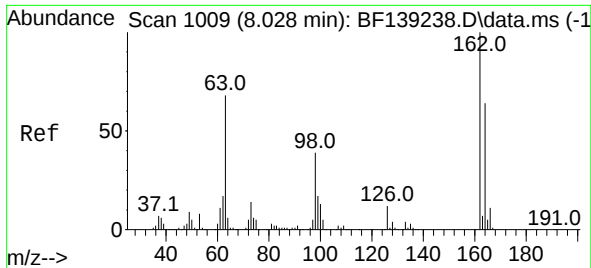
Tgt Ion:122 Resp: 16682
Ion Ratio Lower Upper
122 100
107 115.0 93.4 140.2
121 61.2 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 4.730 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion: 93 Resp: 48534
Ion Ratio Lower Upper
93 100
95 32.5 26.6 40.0
123 10.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 4.634 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

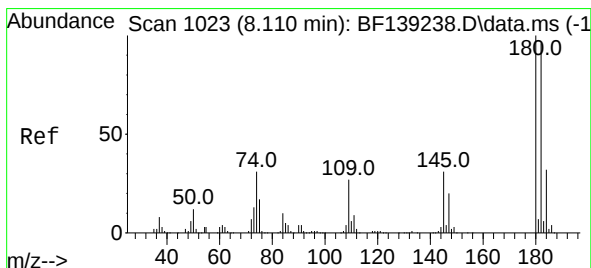
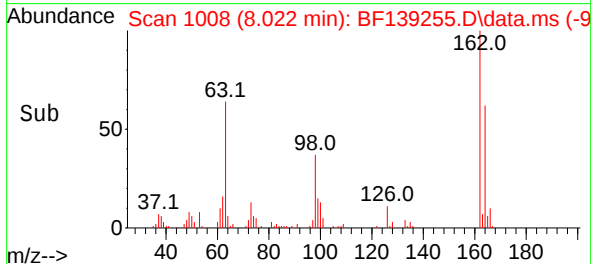
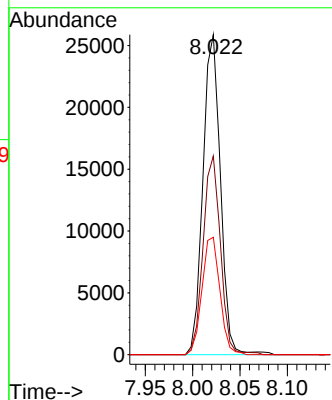
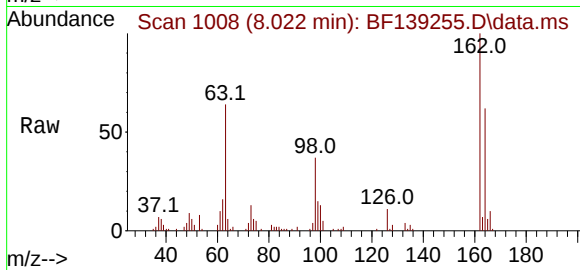
Tgt Ion:162 Resp: 33231

Ion Ratio Lower Upper

162 100

164 62.1 43.6 83.6

98 36.7 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 4.494 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

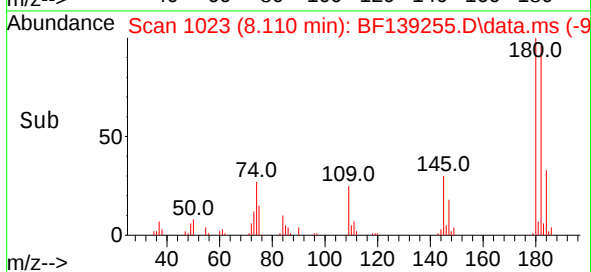
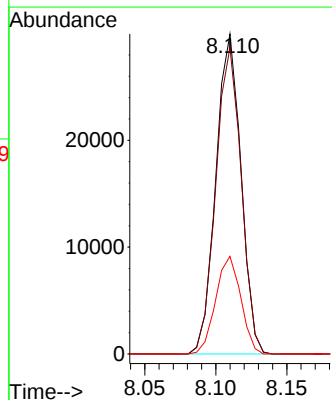
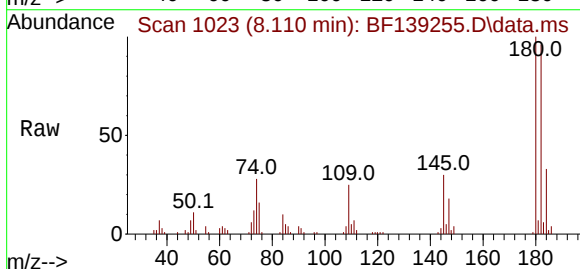
Tgt Ion:180 Resp: 36811

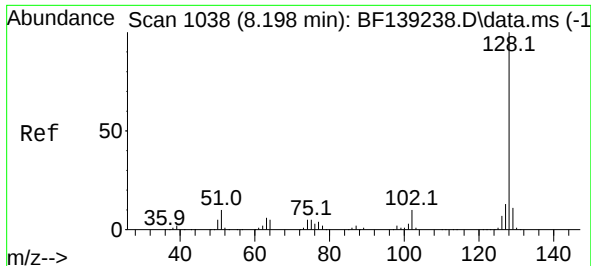
Ion Ratio Lower Upper

180 100

182 95.8 76.5 114.7

145 30.5 25.1 37.7





#31

Naphthalene

Concen: 4.626 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

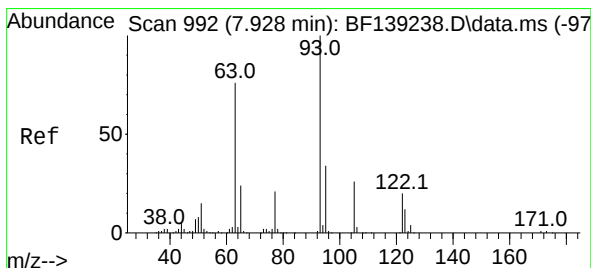
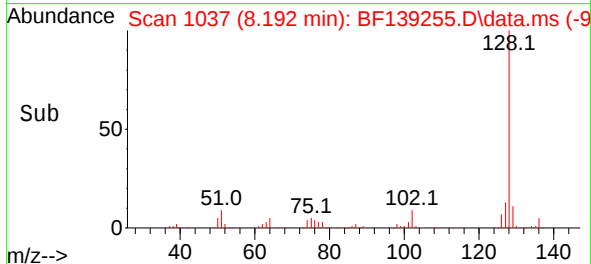
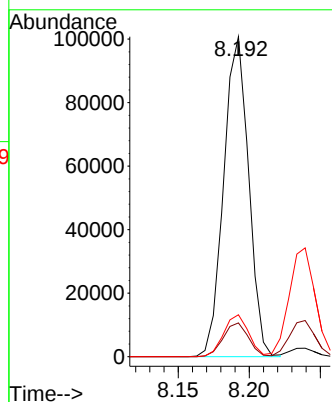
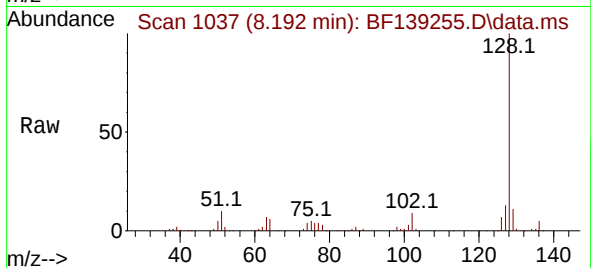
Tgt Ion:128 Resp: 122780

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

127 13.1 10.6 15.8



#32

Benzoic acid

Concen: 0.094 ng

RT: 7.975 min Scan# 1000

Delta R.T. 0.047 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

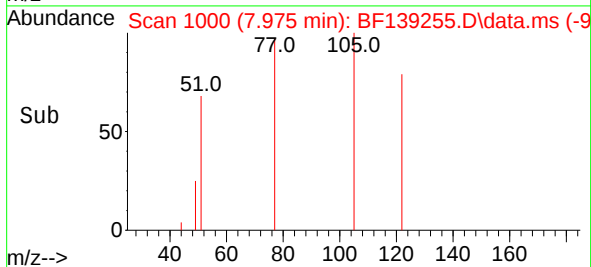
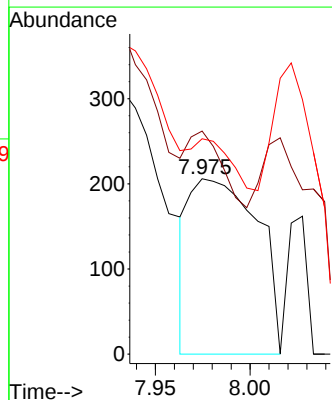
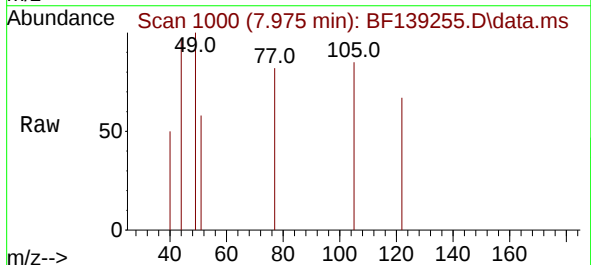
Tgt Ion:122 Resp: 515

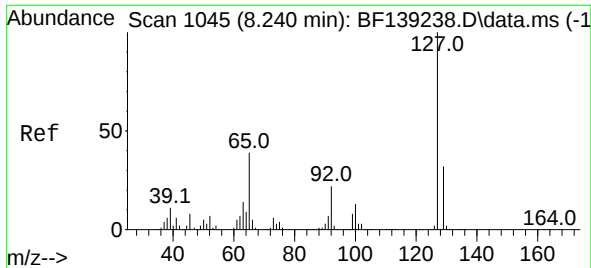
Ion Ratio Lower Upper

122 100

105 127.2 106.3 146.3

77 122.8 84.1 124.1





#33

4-Chloroaniline

Concen: 4.892 ng

RT: 8.239 min Scan# 1045

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:127 Resp: 44956

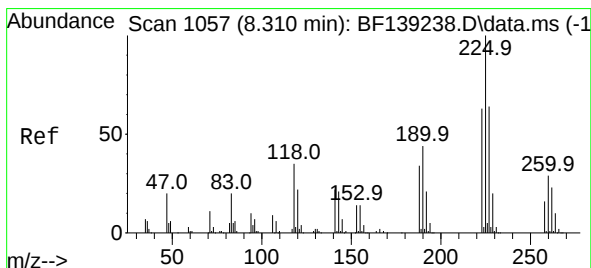
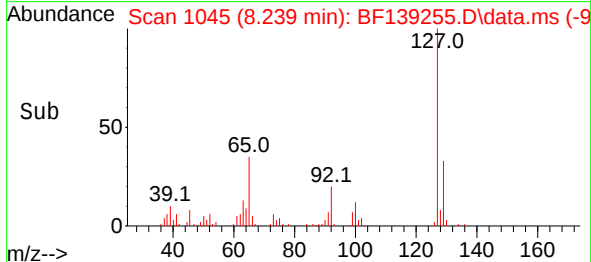
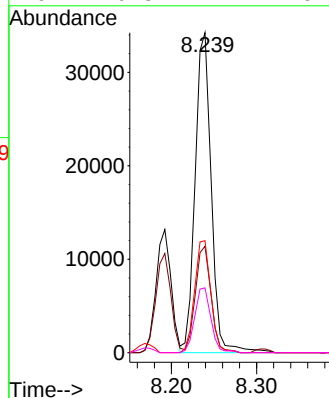
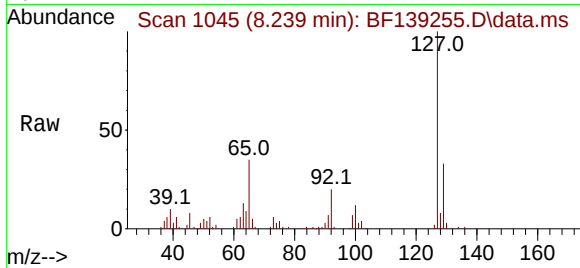
Ion Ratio Lower Upper

127 100

129 33.3 25.8 38.6

65 35.0 30.6 45.8

92 20.3 17.2 25.8



#34

Hexachlorobutadiene

Concen: 4.312 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

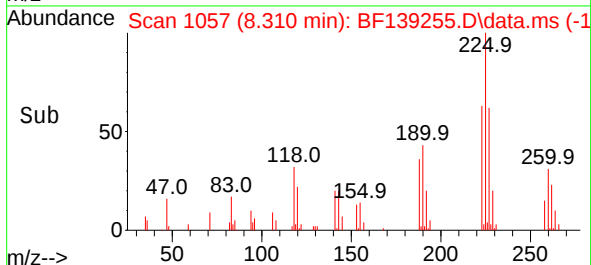
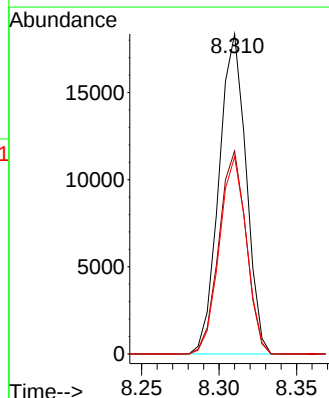
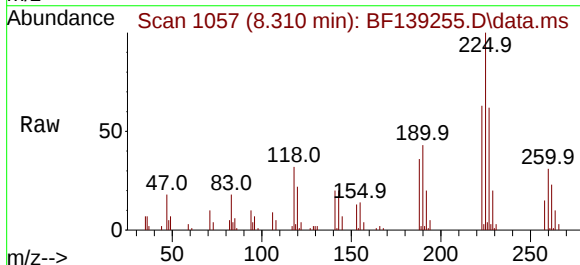
Tgt Ion:225 Resp: 22380

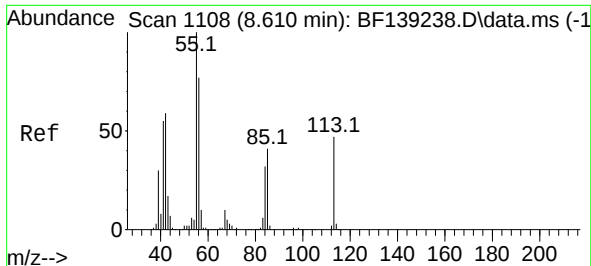
Ion Ratio Lower Upper

225 100

223 63.5 50.7 76.1

227 61.6 51.5 77.3





#35

Caprolactam

Concen: 4.155 ng

RT: 8.563 min Scan# 1108

Delta R.T. -0.047 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

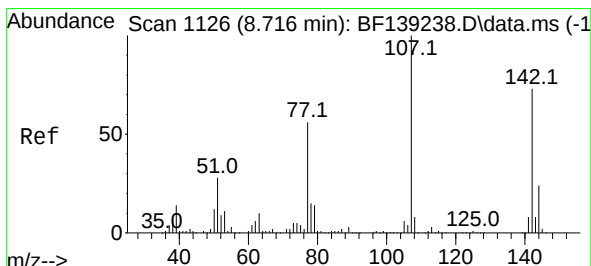
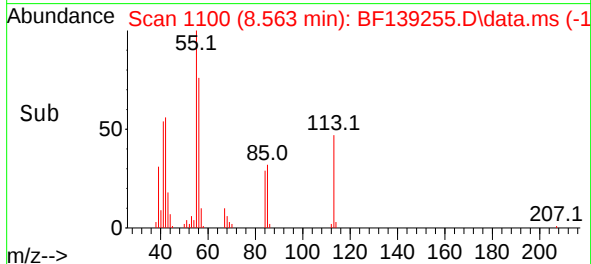
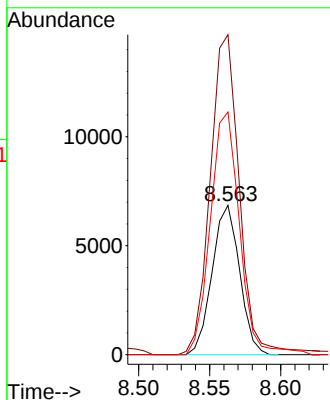
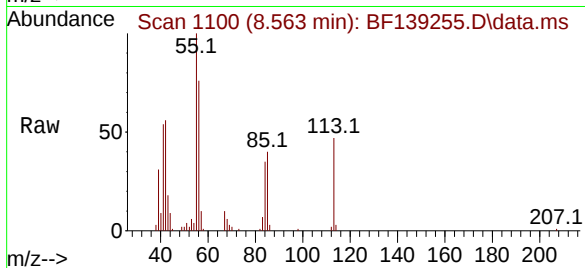
Tgt Ion:113 Resp: 9224

Ion Ratio Lower Upper

113 100

55 214.4 193.7 233.7

56 162.6 145.0 185.0



#36

4-Chloro-3-methylphenol

Concen: 4.342 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

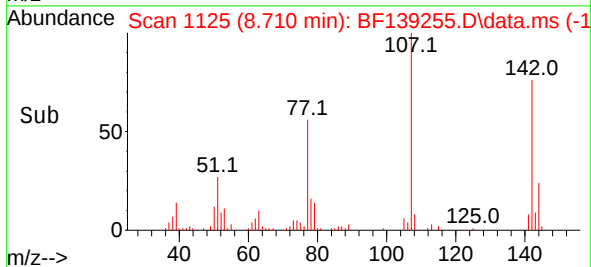
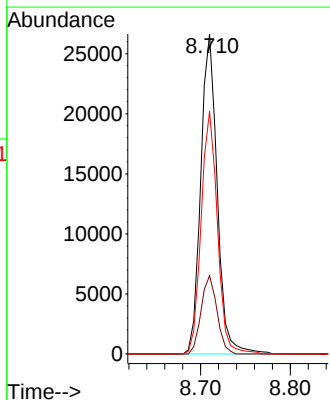
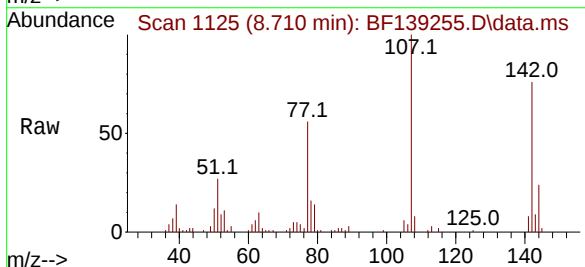
Tgt Ion:107 Resp: 33931

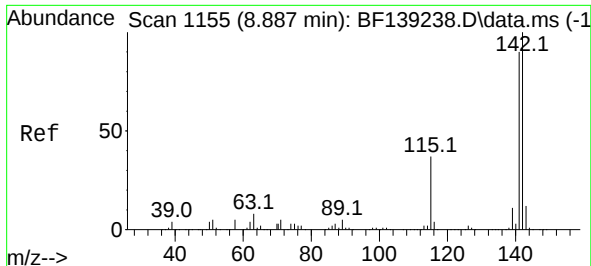
Ion Ratio Lower Upper

107 100

144 24.5 19.1 28.7

142 75.8 58.3 87.5





#37

2-Methylnaphthalene

Concen: 4.656 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

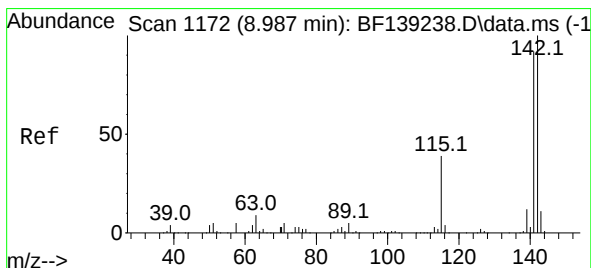
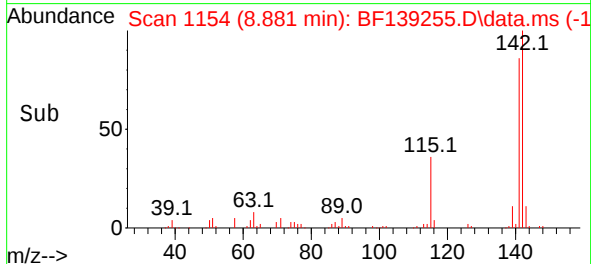
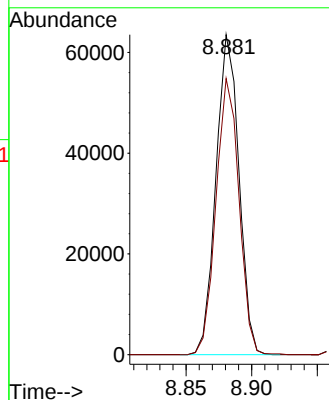
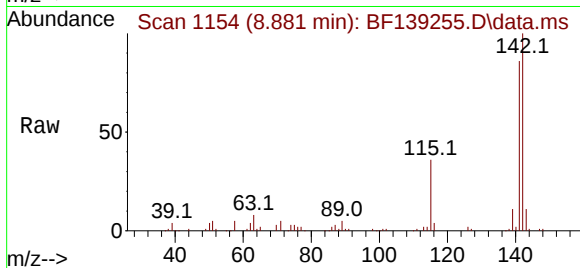
LOQ-WATER-02-QT2-2024

Tgt Ion:142 Resp: 77310

Ion Ratio Lower Upper

142 100

141 86.3 71.6 107.4



#38

1-Methylnaphthalene

Concen: 4.524 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF139255.D

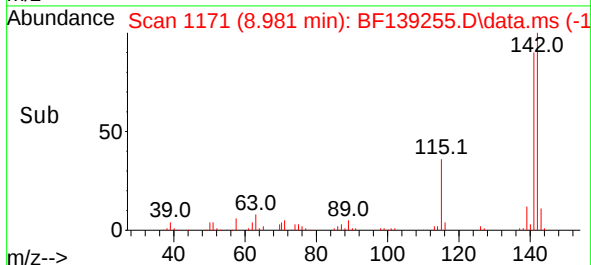
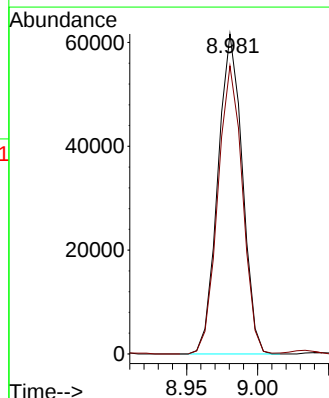
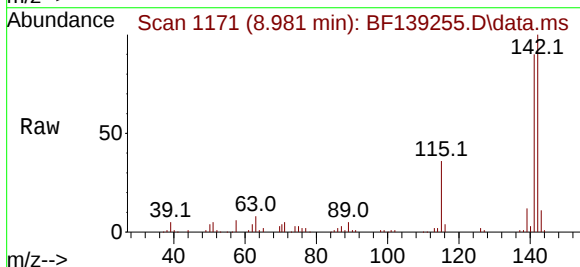
Acq: 05 Sep 2024 11:33

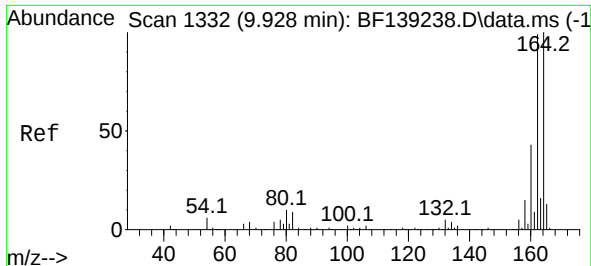
Tgt Ion:142 Resp: 73883

Ion Ratio Lower Upper

142 100

141 90.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF139255.D

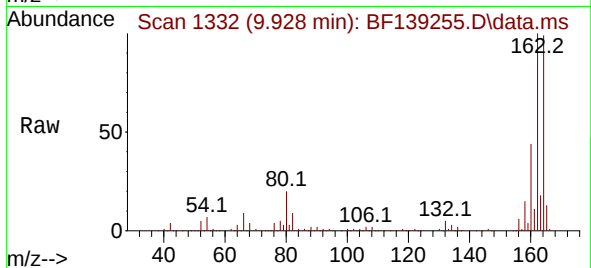
Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024



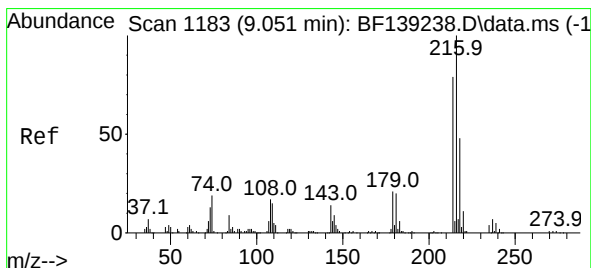
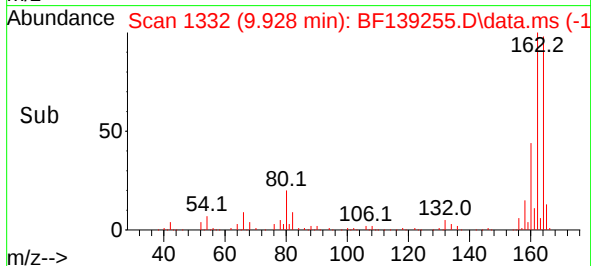
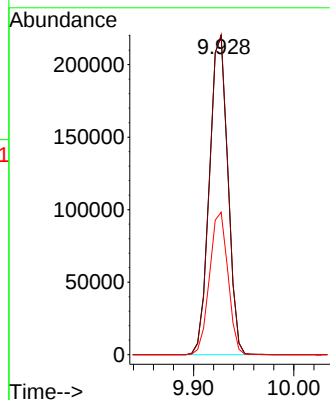
Tgt Ion:164 Resp: 280336

Ion Ratio Lower Upper

164 100

162 100.6 79.2 118.8

160 44.8 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.922 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Tgt Ion:216 Resp: 39039

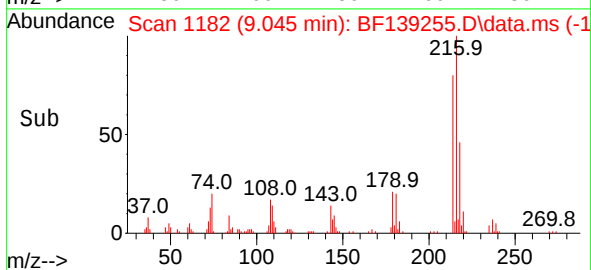
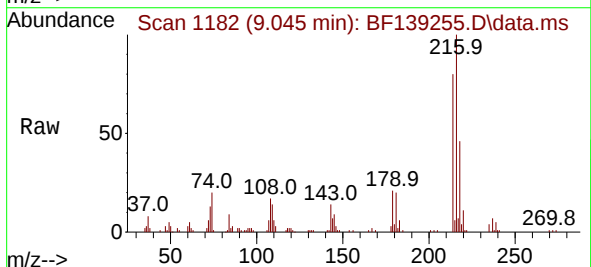
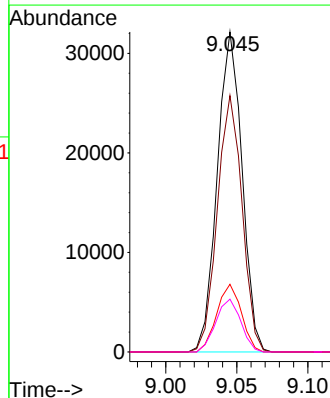
Ion Ratio Lower Upper

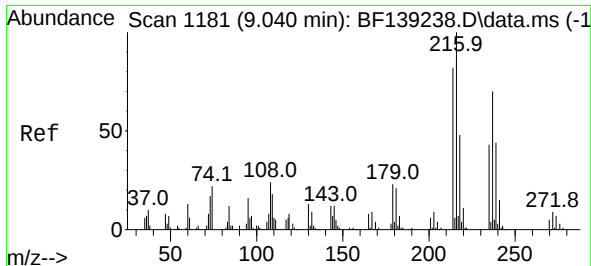
216 100

214 79.7 63.8 95.8

179 21.0 16.9 25.3

108 16.6 15.5 23.3

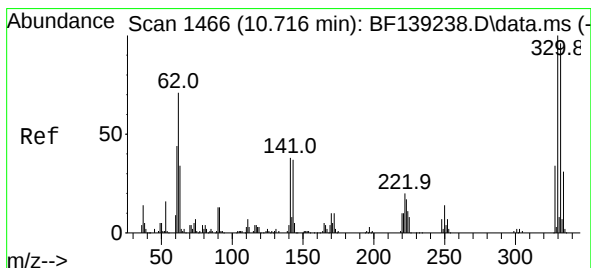
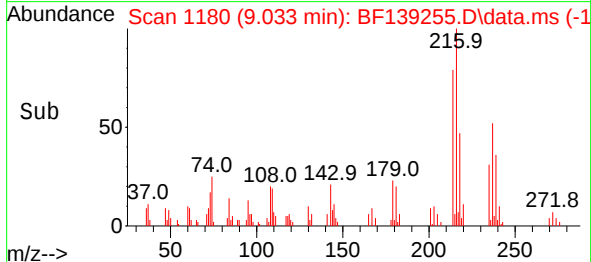
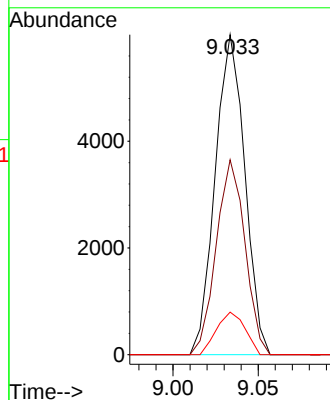
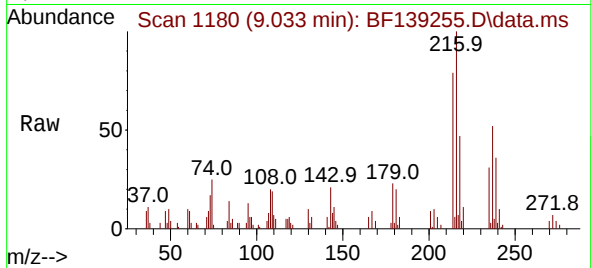




#41
Hexachlorocyclopentadiene
Concen: 2.843 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

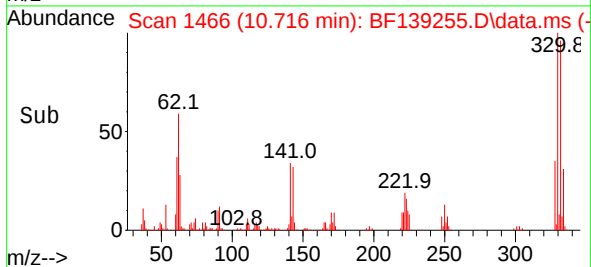
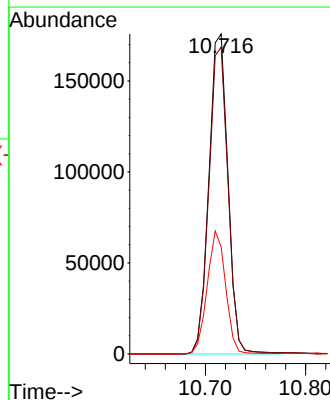
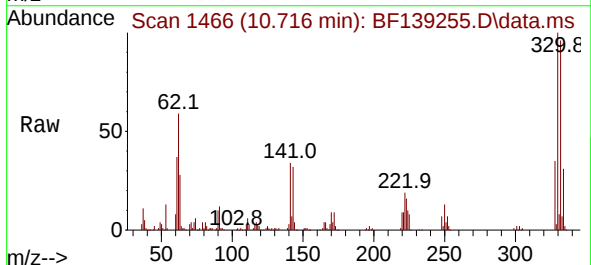
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

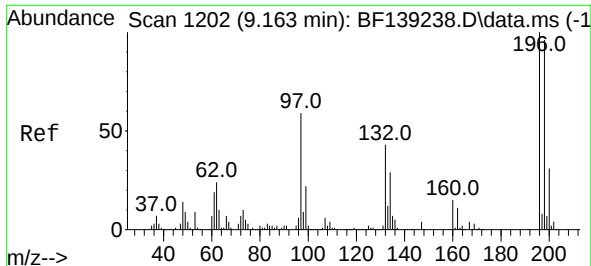
Tgt Ion:	237	Resp:	7247
Ion Ratio	Lower	Upper	
237	100		
235	60.9	41.4	81.4
272	13.3	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 96.282 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:	330	Resp:	233074
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.6	115.0
141	37.2	30.1	45.1





#43

2,4,6-Trichlorophenol

Concen: 4.392 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

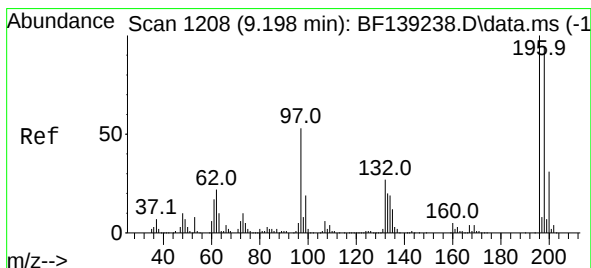
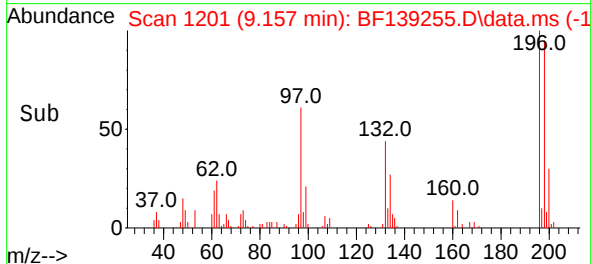
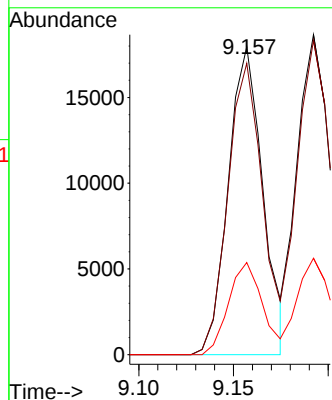
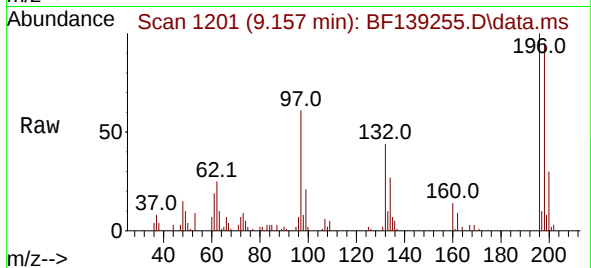
Tgt Ion:196 Resp: 22793

Ion Ratio Lower Upper

196 100

198 94.6 77.0 115.4

200 29.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 4.452 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Tgt Ion:196 Resp: 24213

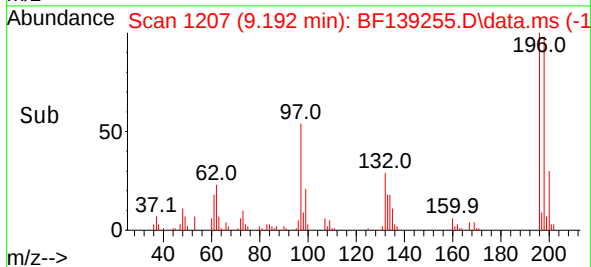
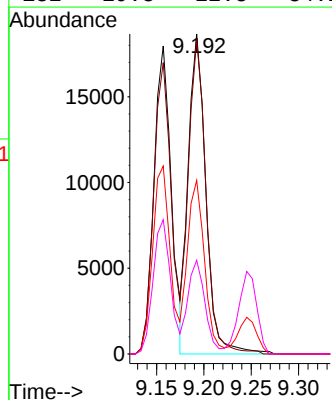
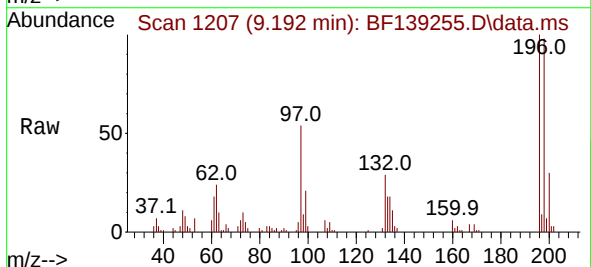
Ion Ratio Lower Upper

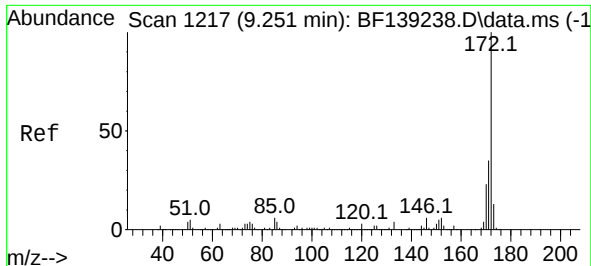
196 100

198 98.2 75.6 113.4

97 54.3 43.6 65.4

132 29.3 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 74.573 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

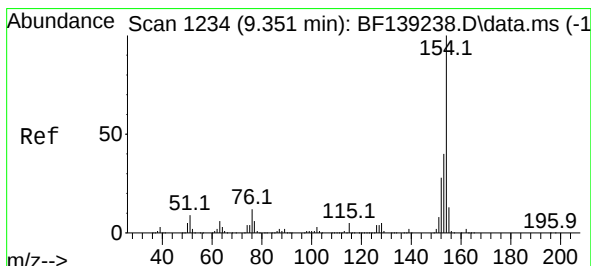
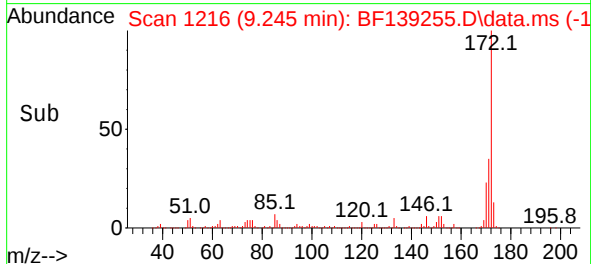
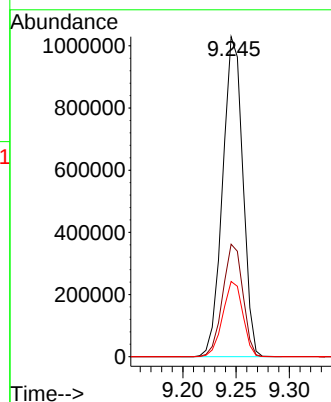
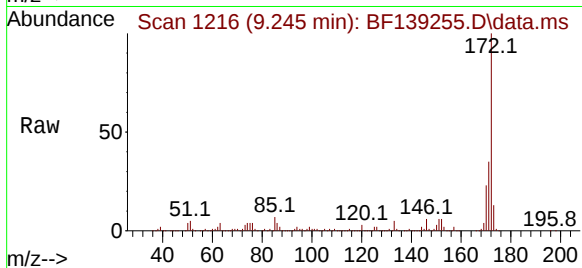
Tgt Ion:172 Resp: 1354296

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 4.852 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

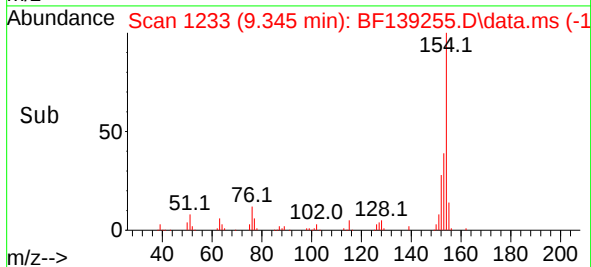
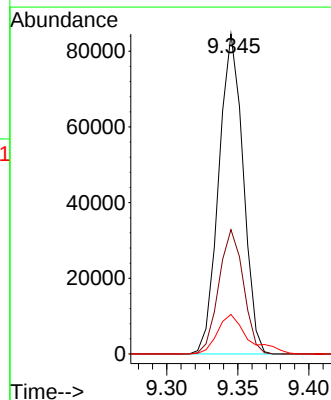
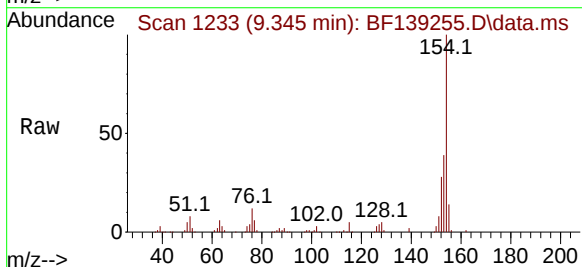
Tgt Ion:154 Resp: 100784

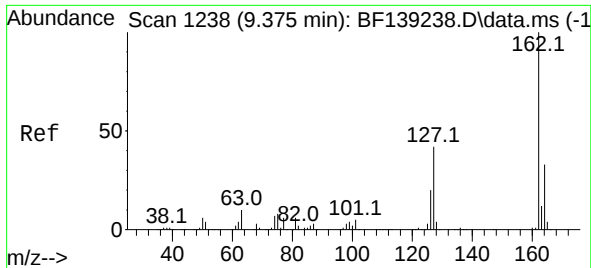
Ion Ratio Lower Upper

154 100

153 38.9 20.1 60.1

76 12.4 0.0 32.3





#47

2-Chloronaphthalene

Concen: 4.627 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139255.D

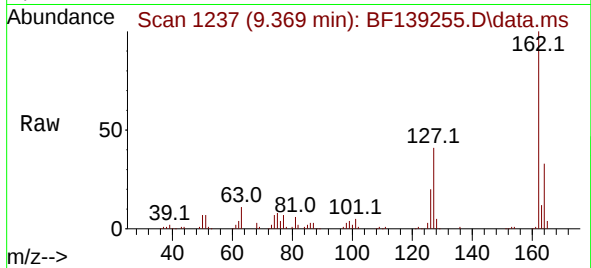
Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024



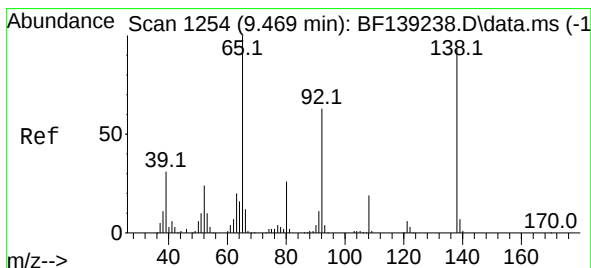
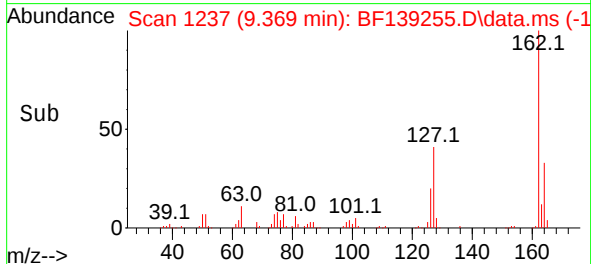
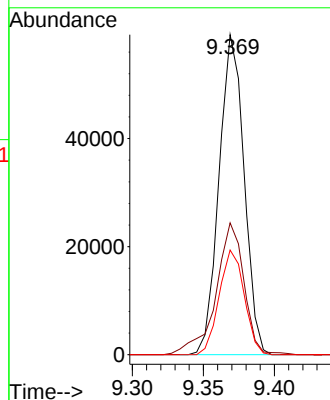
Tgt Ion:162 Resp: 72569

Ion Ratio Lower Upper

162 100

127 41.2 34.2 51.4

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 4.254 ng

RT: 9.463 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

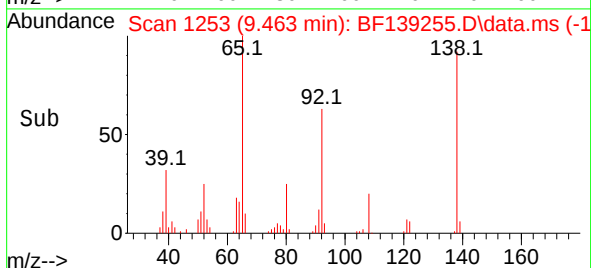
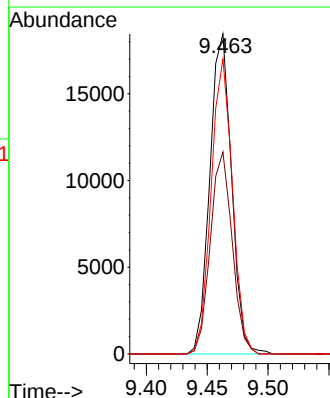
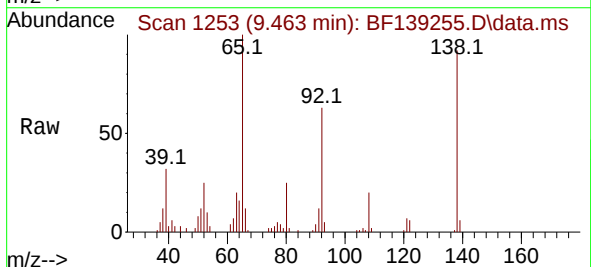
Tgt Ion: 65 Resp: 22980

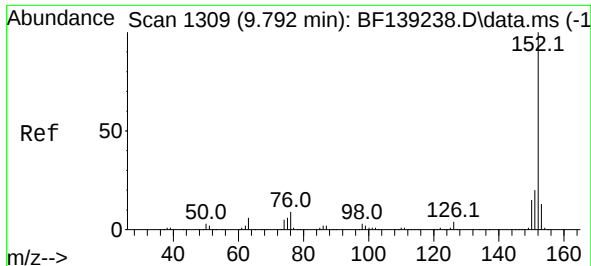
Ion Ratio Lower Upper

65 100

92 63.2 50.4 75.6

138 92.2 74.2 111.4





#49

Acenaphthylene

Concen: 5.051 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

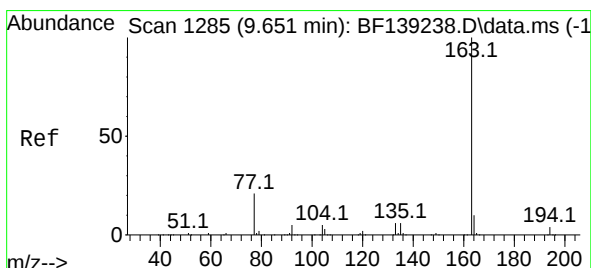
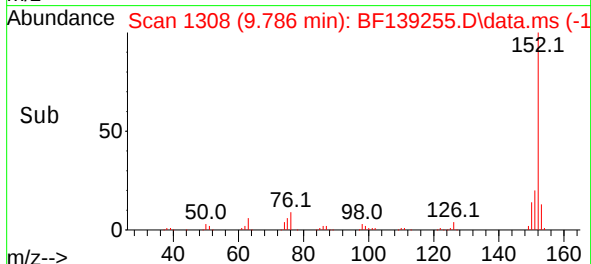
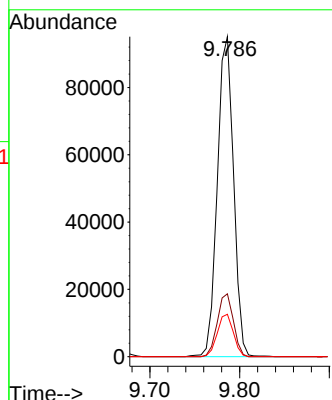
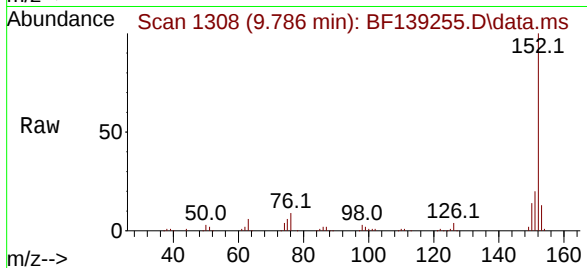
Tgt Ion:152 Resp: 119308

Ion Ratio Lower Upper

152 100

151 19.7 16.0 24.0

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 4.799 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

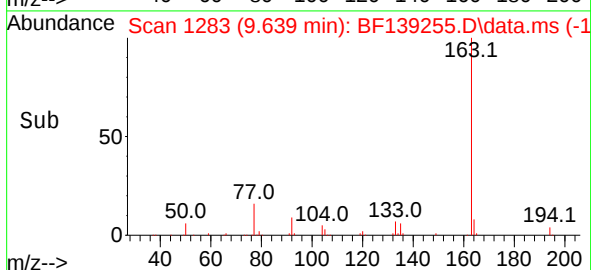
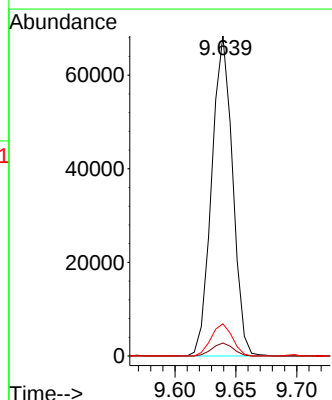
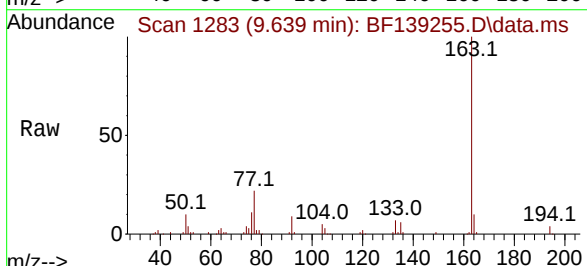
Tgt Ion:163 Resp: 81542

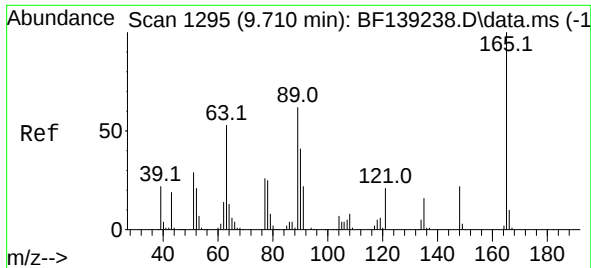
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.1 7.9 11.9

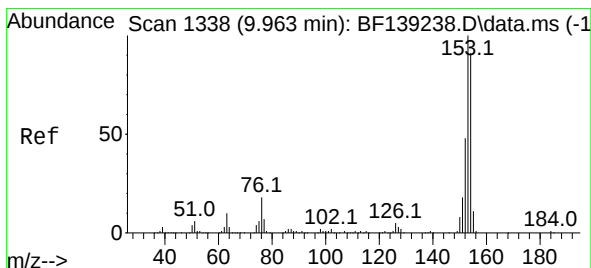
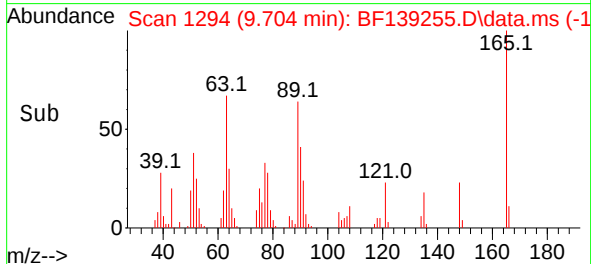
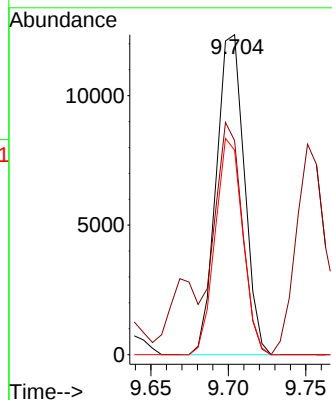
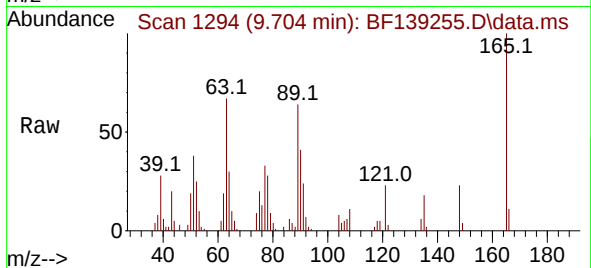




#51
2,6-Dinitrotoluene
Concen: 4.041 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

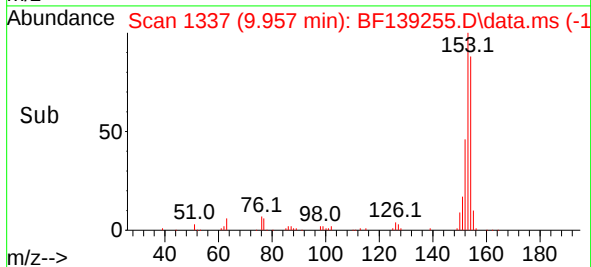
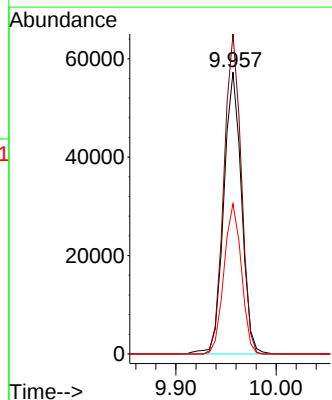
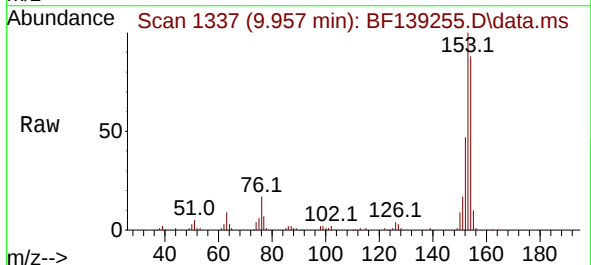
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

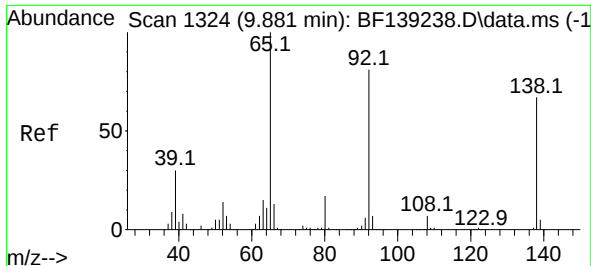
Tgt Ion:165 Resp: 15576
Ion Ratio Lower Upper
165 100
63 66.9 56.1 84.1
89 63.9 49.7 74.5



#52
Acenaphthene
Concen: 4.479 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:154 Resp: 70173
Ion Ratio Lower Upper
154 100
153 113.6 87.8 131.6
152 53.3 41.7 62.5





#53

3-Nitroaniline

Concen: 4.434 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

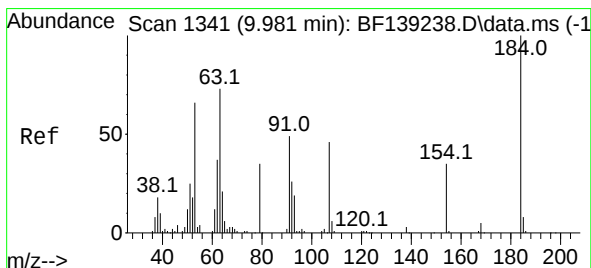
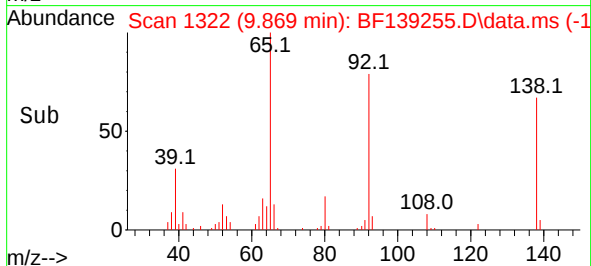
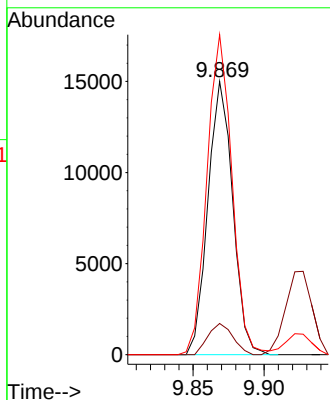
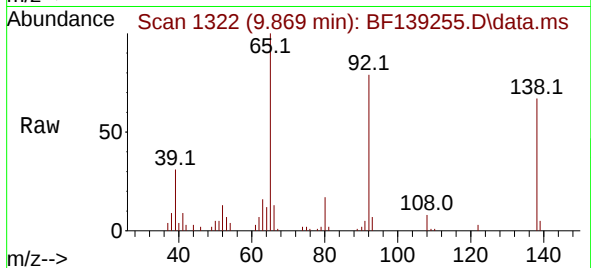
Tgt Ion:138 Resp: 18212

Ion Ratio Lower Upper

138 100

108 11.4 8.6 13.0

92 117.1 96.4 144.6



#54

2,4-Dinitrophenol

Concen: 8.425 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

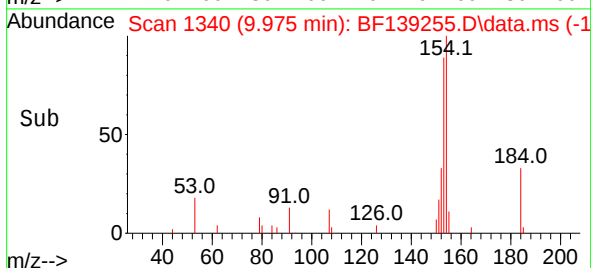
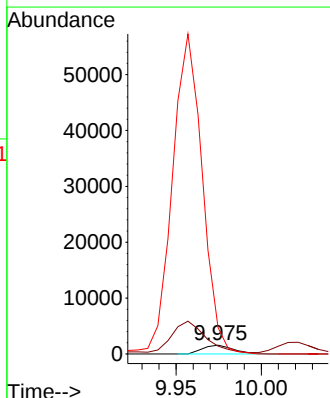
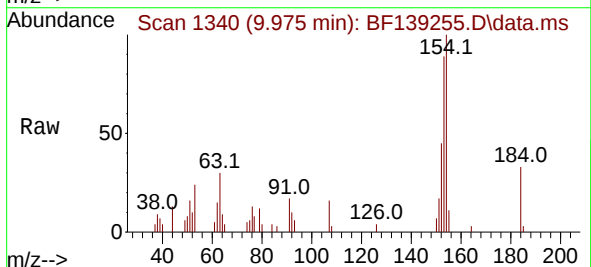
Tgt Ion:184 Resp: 2004

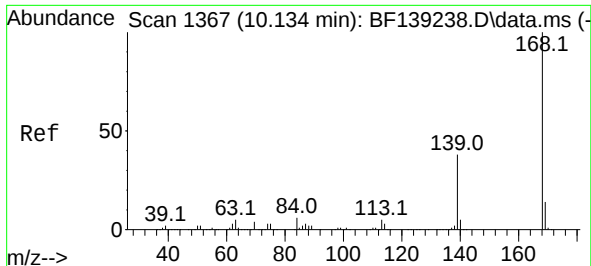
Ion Ratio Lower Upper

184 100

63 89.6 66.4 99.6

154 300.0 97.0 145.6#





#55

Dibenzofuran

Concen: 4.878 ng

RT: 10.128 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

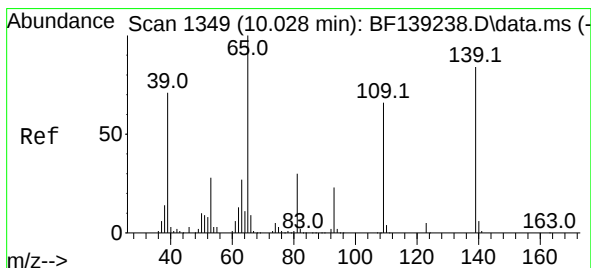
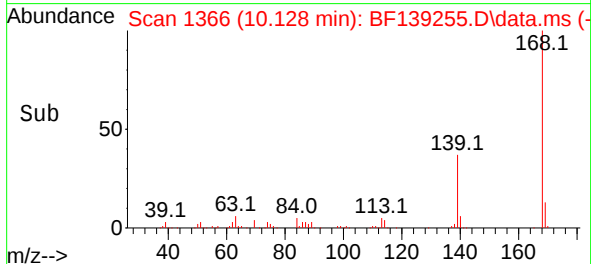
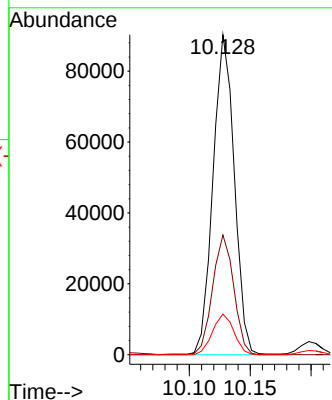
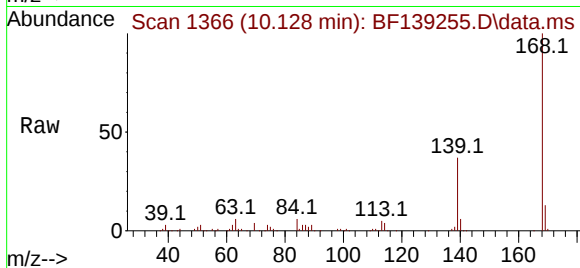
Tgt Ion:168 Resp: 109579

Ion Ratio Lower Upper

168 100

139 37.4 30.2 45.4

169 12.7 10.8 16.2



#56

4-Nitrophenol

Concen: 2.980 ng

RT: 10.022 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

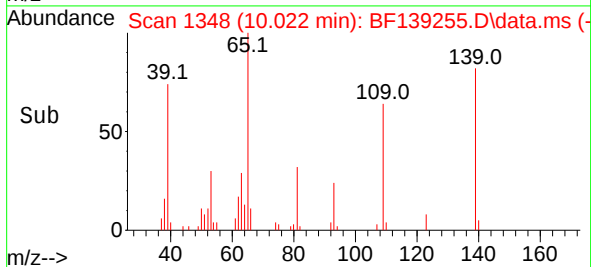
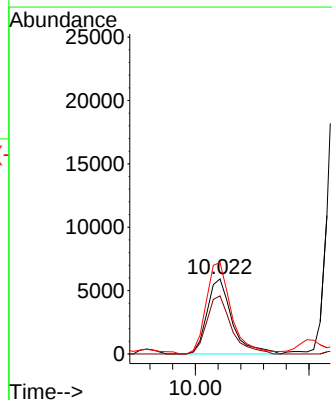
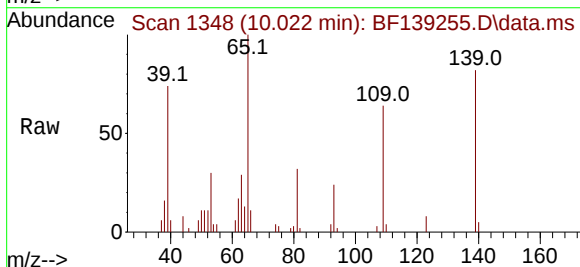
Tgt Ion:139 Resp: 9032

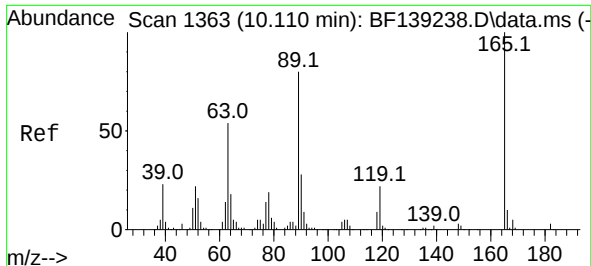
Ion Ratio Lower Upper

139 100

109 77.5 58.7 98.7

65 121.7 100.3 140.3

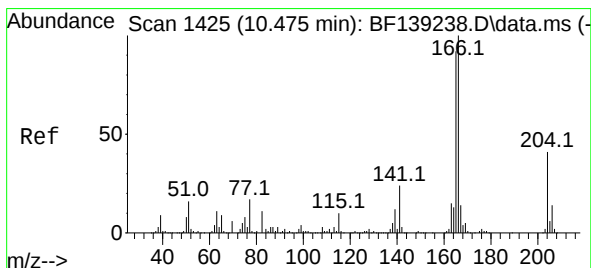
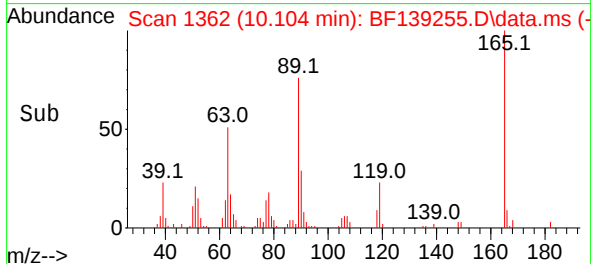
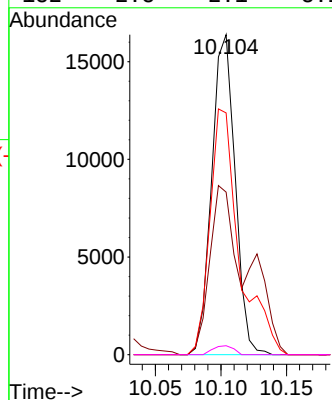
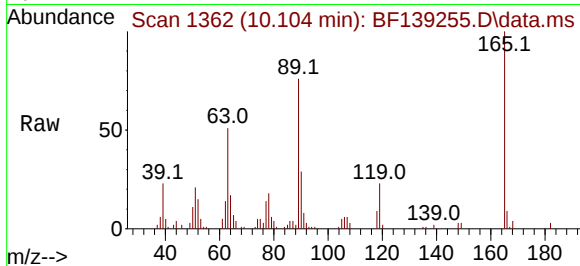




#57
2,4-Dinitrotoluene
Concen: 4.144 ng
RT: 10.104 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

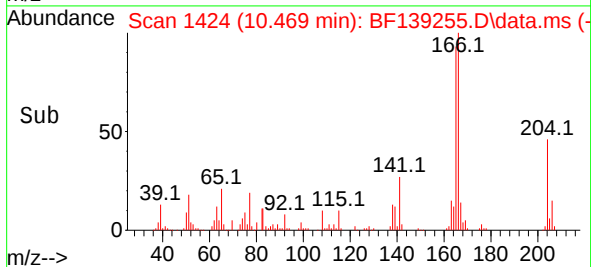
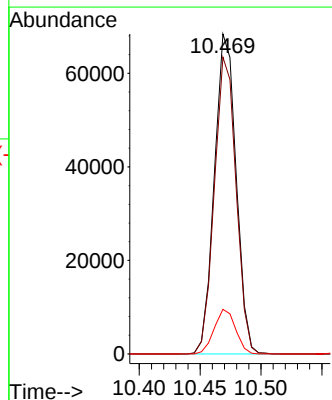
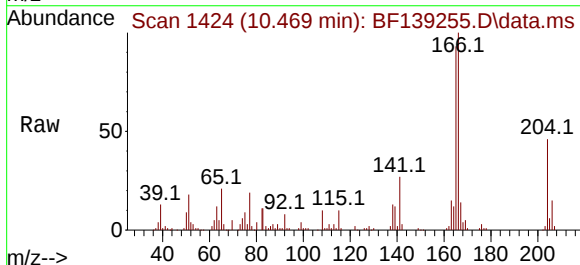
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

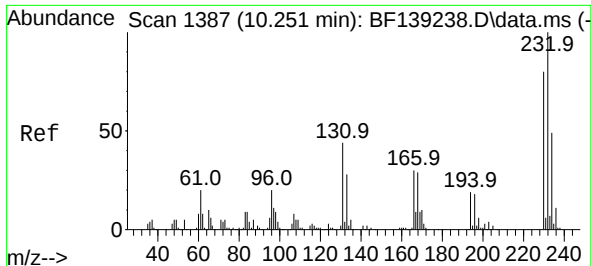
Tgt Ion:165	Resp:	20332
Ion Ratio	Lower	Upper
165	100	
63	50.8	43.4 65.0
89	75.6	64.2 96.4
182	2.8	2.1 3.1



#58
Fluorene
Concen: 4.879 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:166	Resp:	84977
Ion Ratio	Lower	Upper
166	100	
165	92.7	73.7 110.5
167	14.0	10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.307 ng

RT: 10.245 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF139255.D

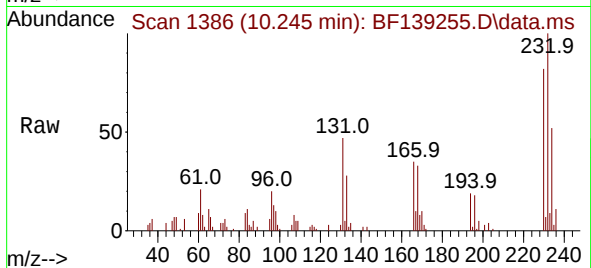
Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:232 Resp: 18437

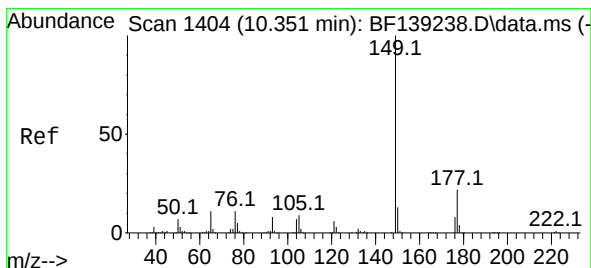
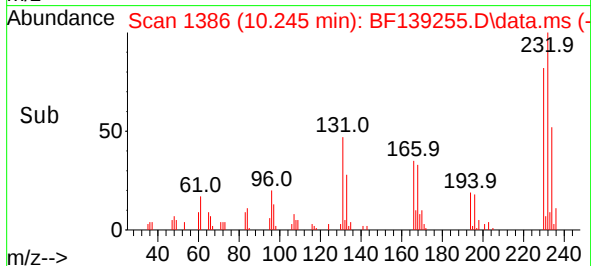
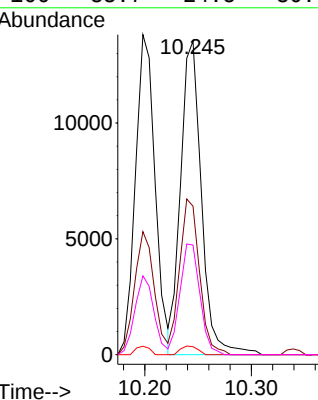
Ion Ratio Lower Upper

232 100

131 47.3 37.7 56.5

130 2.2 1.9 2.9

166 33.7 24.5 36.7



#60

Diethylphthalate

Concen: 4.660 ng

RT: 10.339 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

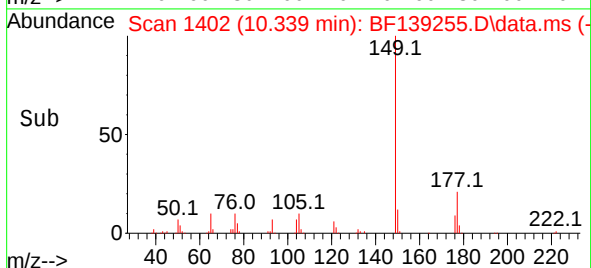
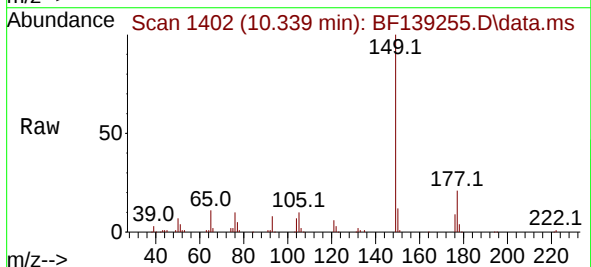
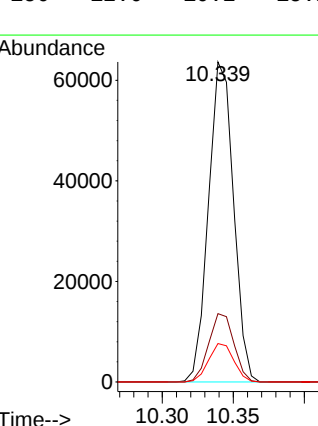
Tgt Ion:149 Resp: 77918

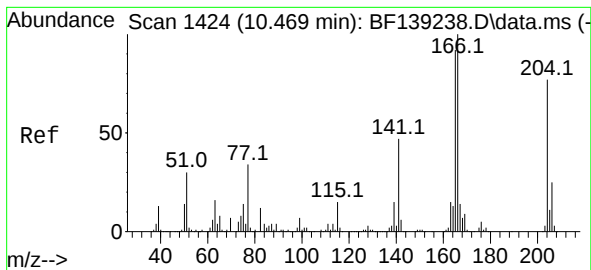
Ion Ratio Lower Upper

149 100

177 21.4 17.7 26.5

150 12.0 10.2 15.2

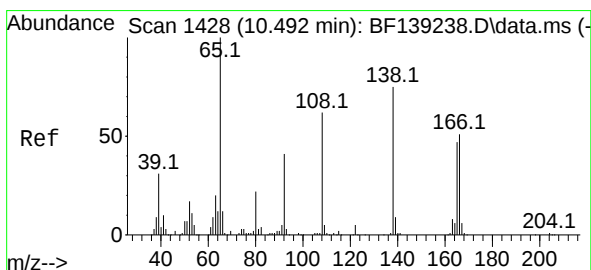
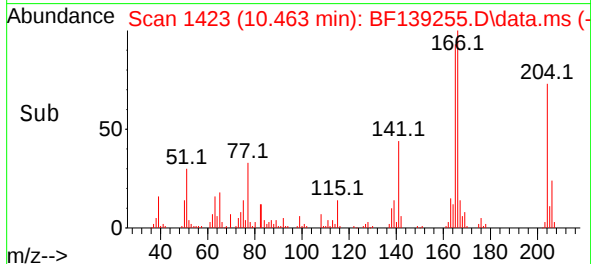
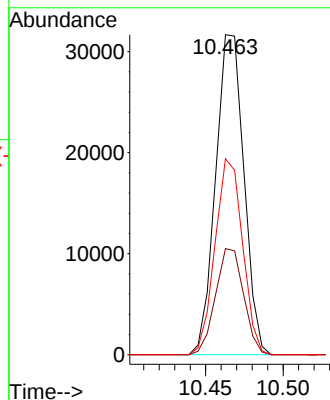
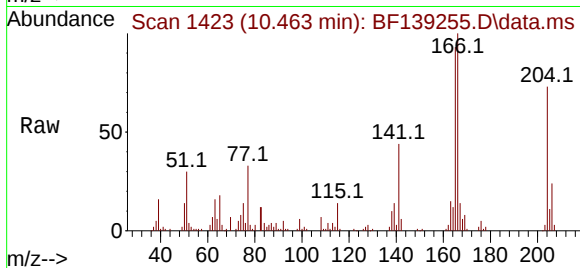




#61
4-Chlorophenyl-phenylether
Concen: 4.801 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

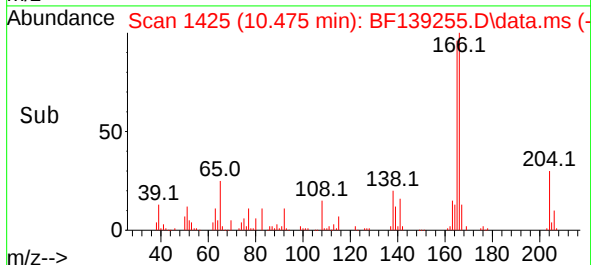
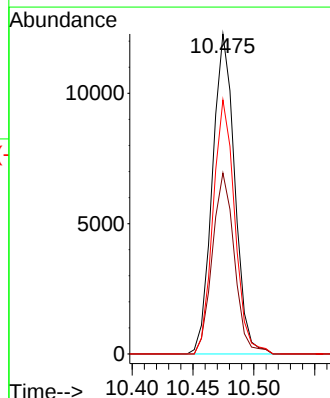
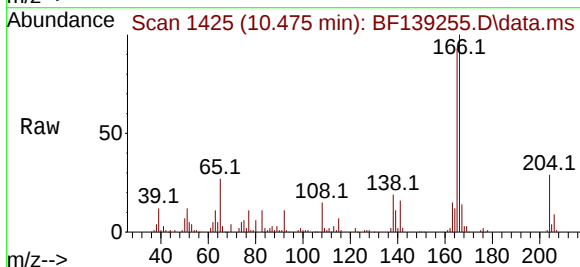
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

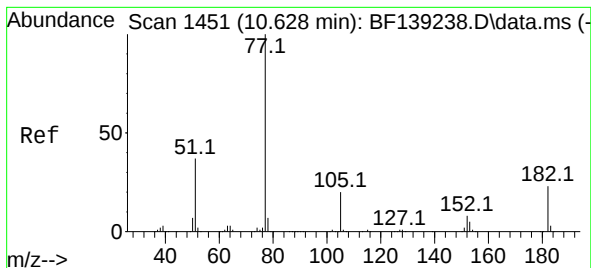
Tgt Ion:204 Resp: 40319
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 61.2 48.6 72.8



#62
4-Nitroaniline
Concen: 4.019 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:138 Resp: 15711
Ion Ratio Lower Upper
138 100
92 56.6 34.4 74.4
108 79.4 62.7 102.7





#63

Azobenzene

Concen: 4.610 ng

RT: 10.627 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 77 Resp: 81243

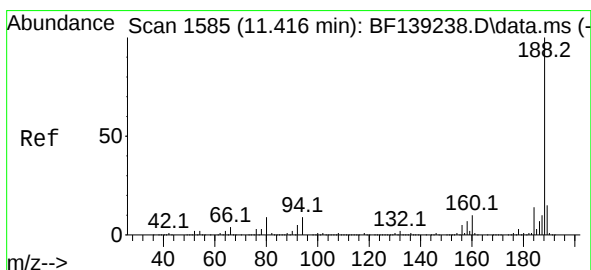
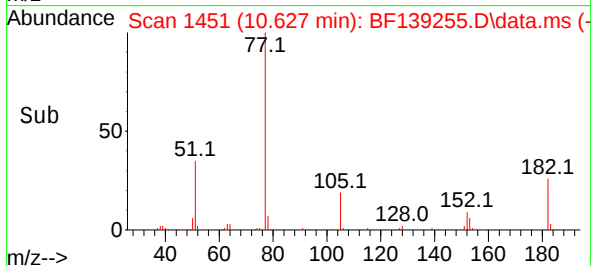
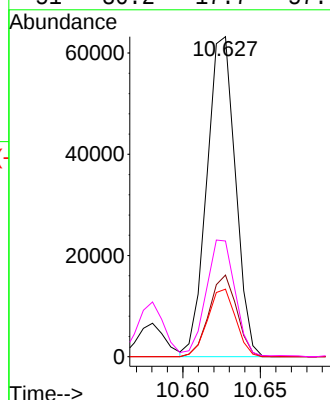
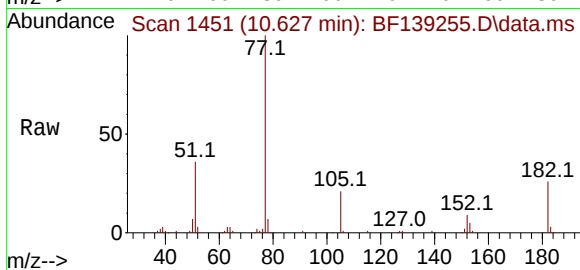
Ion Ratio Lower Upper

77 100

182 25.5 3.0 43.0

105 21.1 0.0 39.4

51 36.2 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

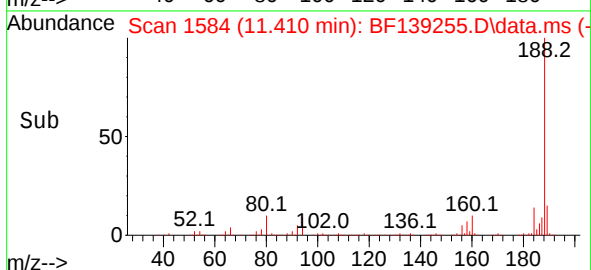
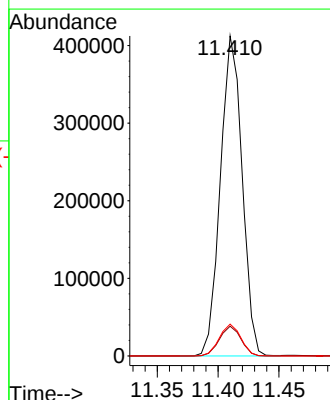
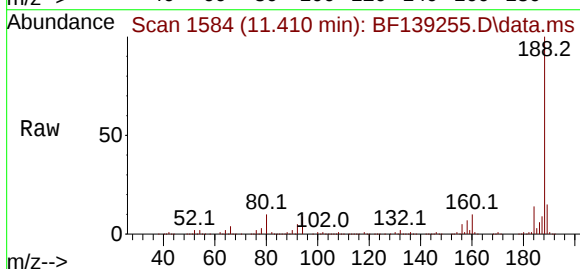
Tgt Ion:188 Resp: 513314

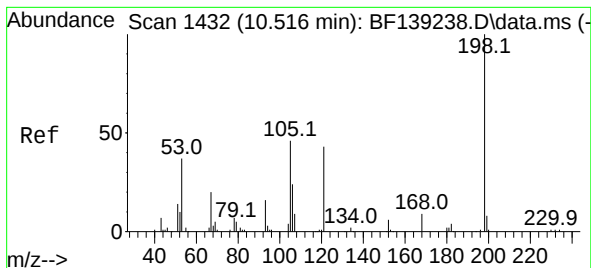
Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 9.9 7.3 10.9

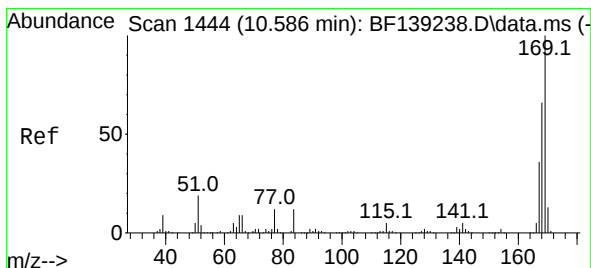
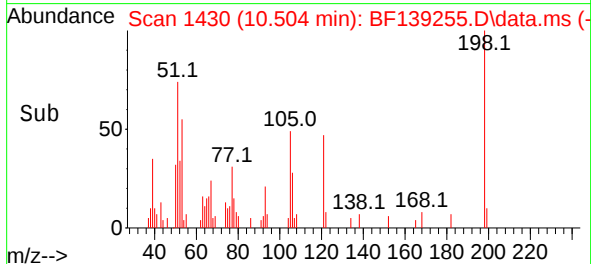
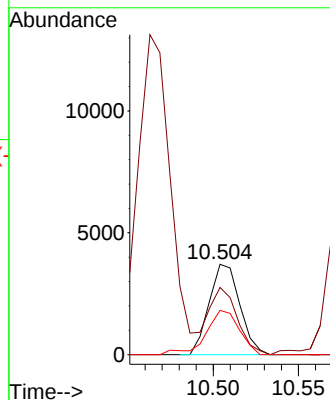
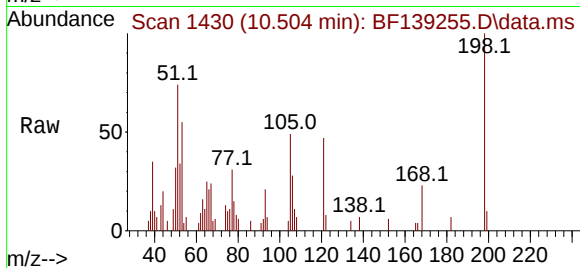




#65
4,6-Dinitro-2-methylphenol
Concen: 1.960 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

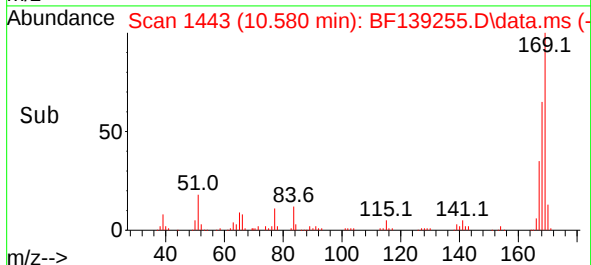
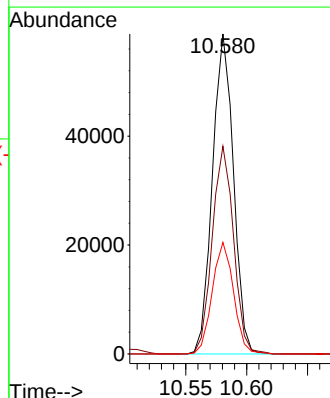
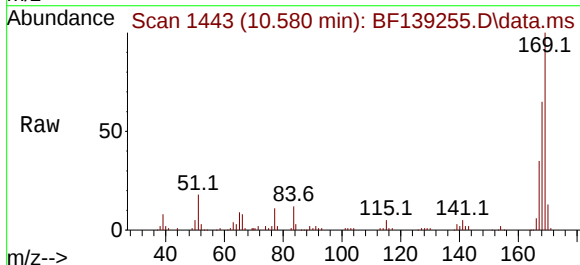
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

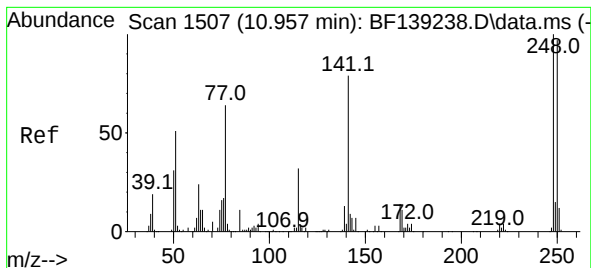
Tgt Ion:198 Resp: 4649
Ion Ratio Lower Upper
198 100
51 74.3 47.2 87.2
105 49.1 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 4.712 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:169 Resp: 70407
Ion Ratio Lower Upper
169 100
168 64.9 53.0 79.6
167 34.8 29.0 43.6

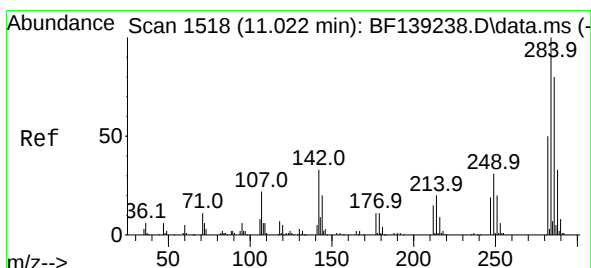
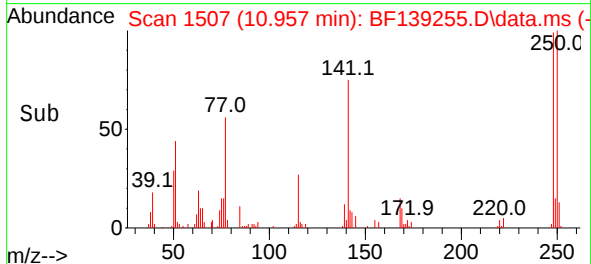
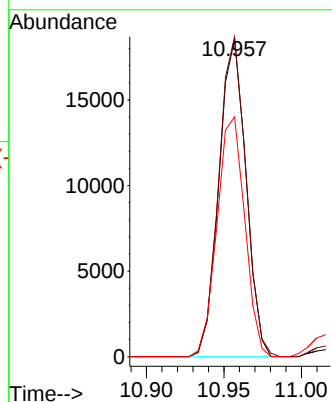
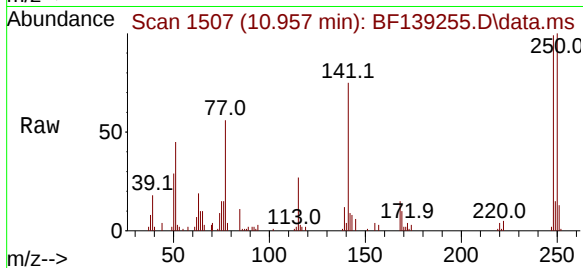




#67
4-Bromophenyl-phenylether
Concen: 4.503 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

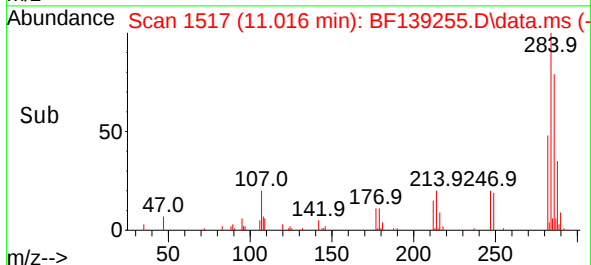
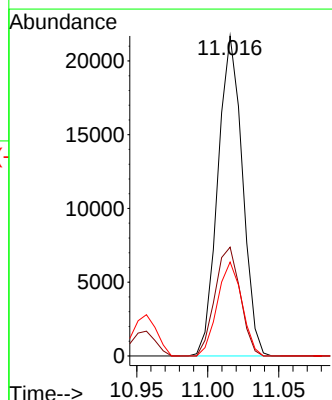
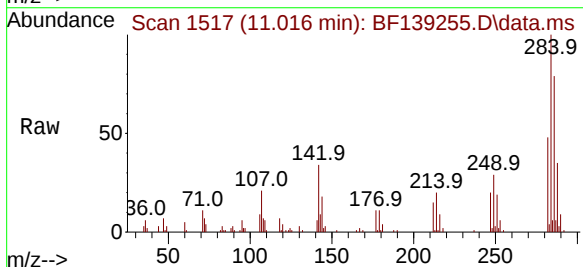
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

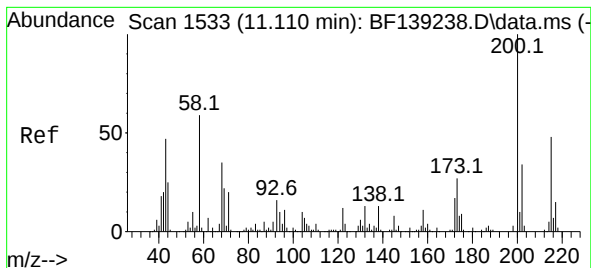
Tgt Ion:248 Resp: 22428
Ion Ratio Lower Upper
248 100
250 100.7 77.2 115.8
141 75.5 63.6 95.4



#68
Hexachlorobenzene
Concen: 4.570 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:284 Resp: 26058
Ion Ratio Lower Upper
284 100
142 34.0 26.5 39.7
249 29.3 24.8 37.2





#69

Atrazine

Concen: 5.583 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

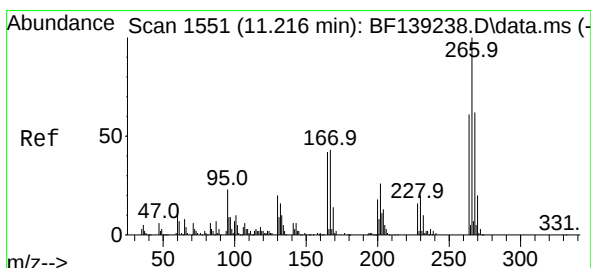
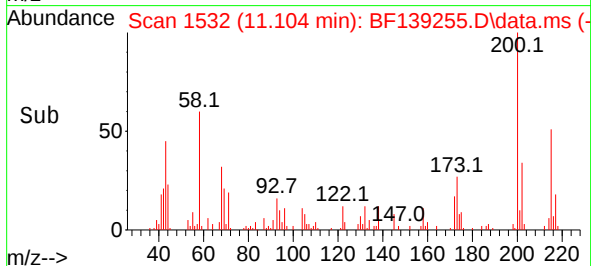
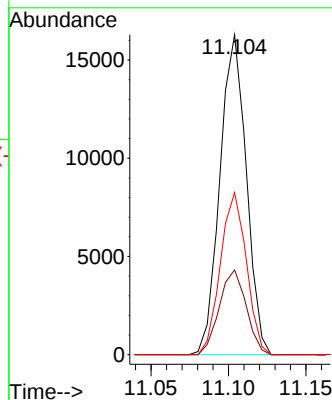
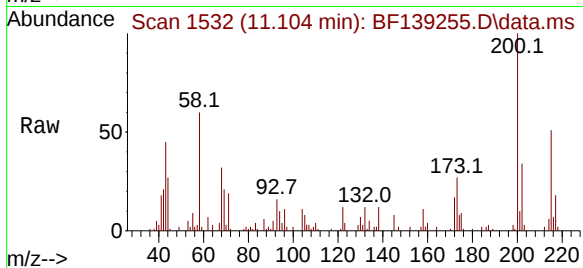
Tgt Ion:200 Resp: 19245

Ion Ratio Lower Upper

200 100

173 26.5 7.1 47.1

215 50.7 28.5 68.5



#70

Pentachlorophenol

Concen: 2.479 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

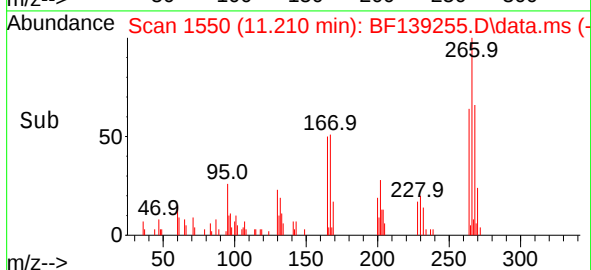
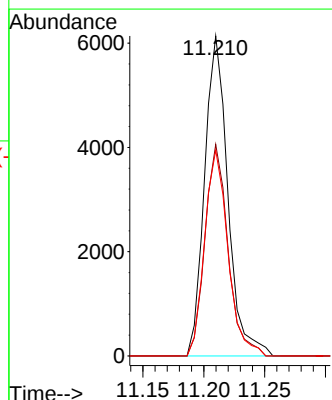
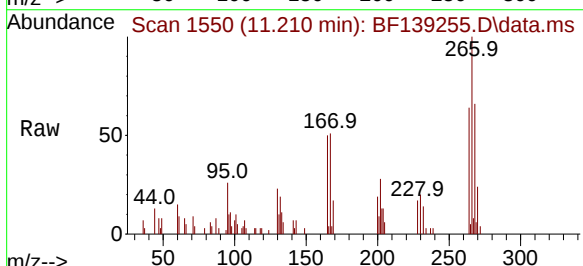
Tgt Ion:266 Resp: 8166

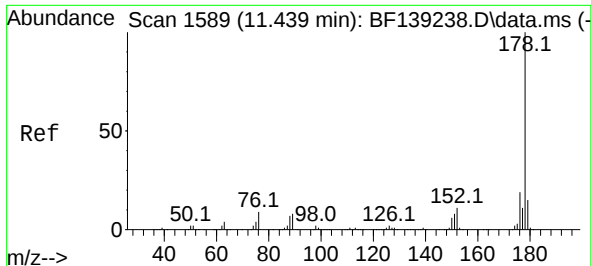
Ion Ratio Lower Upper

266 100

268 66.1 49.7 74.5

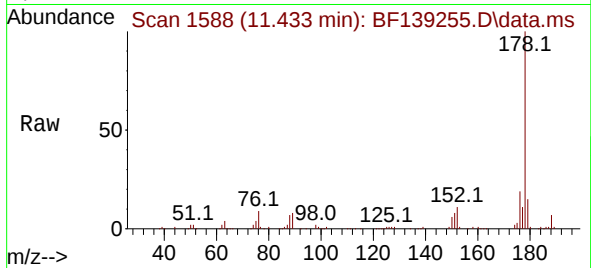
264 64.3 49.2 73.8



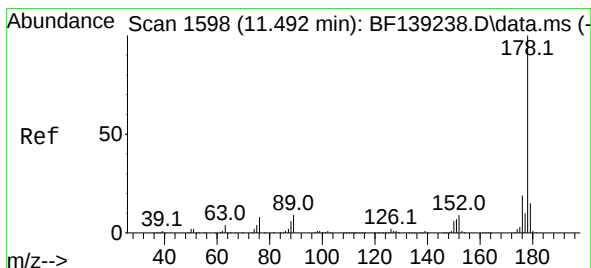
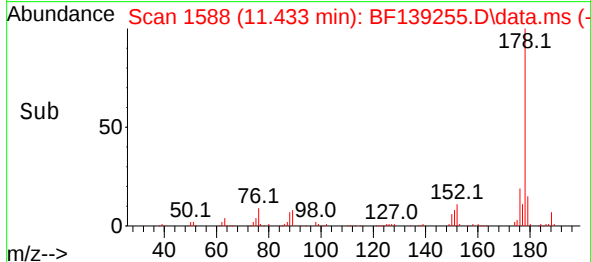
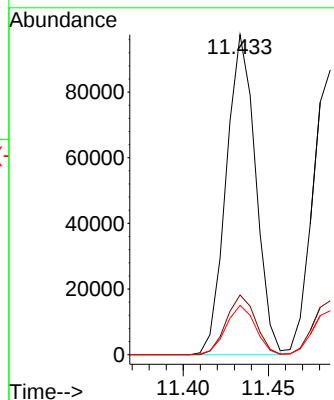


#71
Phenanthrene
Concen: 4.871 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

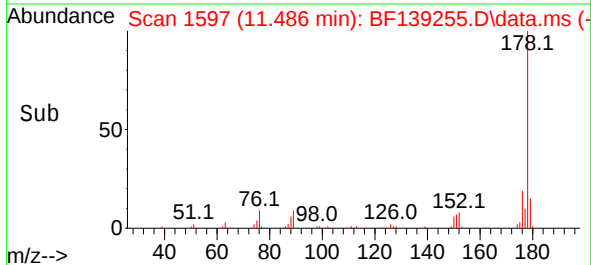
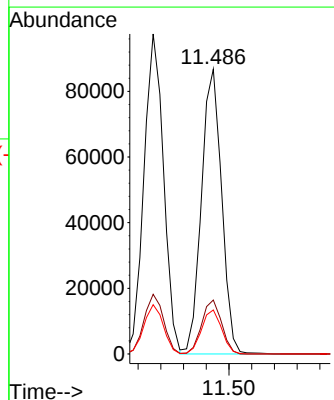
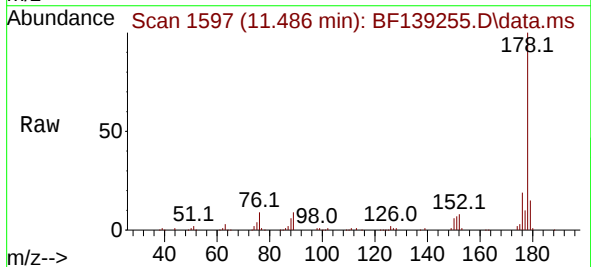


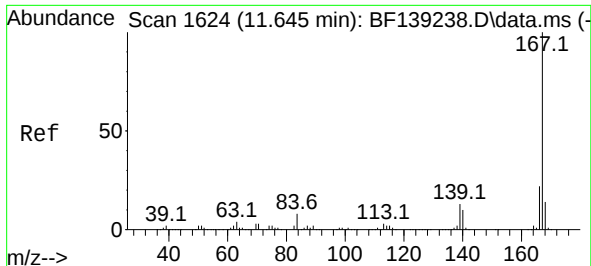
Tgt Ion:178 Resp: 116800
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.4 12.3 18.5



#72
Anthracene
Concen: 4.576 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

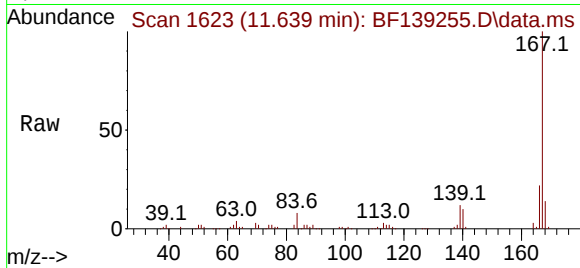
Tgt Ion:178 Resp: 107195
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.4 12.3 18.5



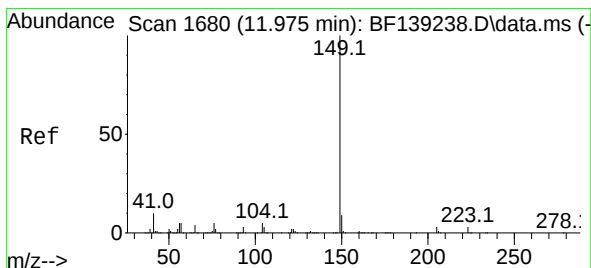
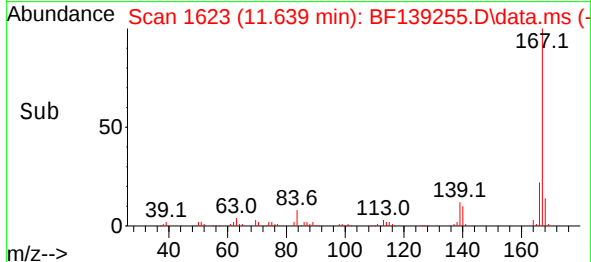
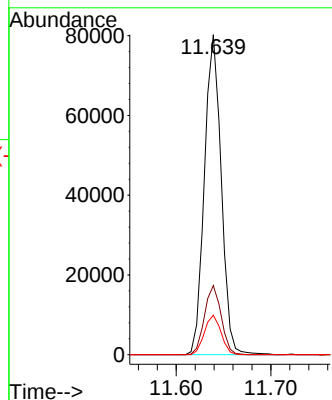


#73
 Carbazole
 Concen: 4.505 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.006 min
 Lab File: BF139255.D
 Acq: 05 Sep 2024 11:33

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

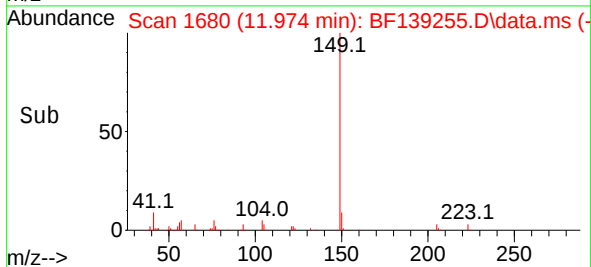
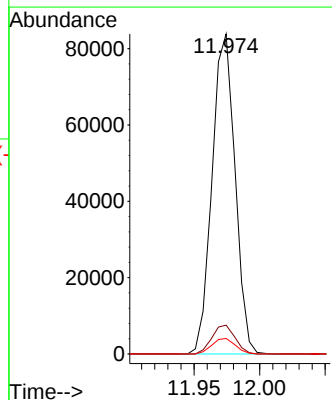
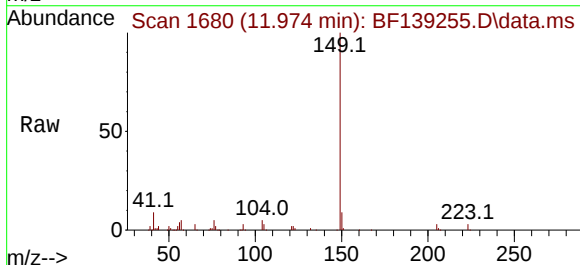


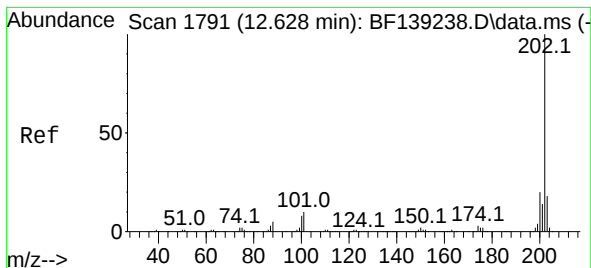
Tgt Ion:167 Resp: 98642
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.4 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 4.552 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BF139255.D
 Acq: 05 Sep 2024 11:33

Tgt Ion:149 Resp: 102036
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 4.577 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

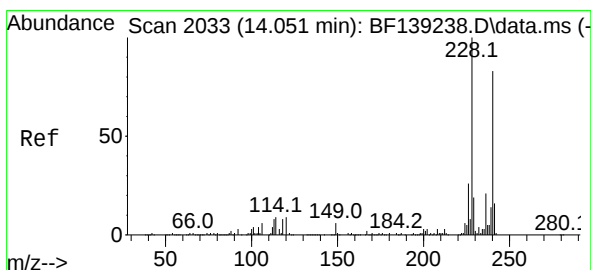
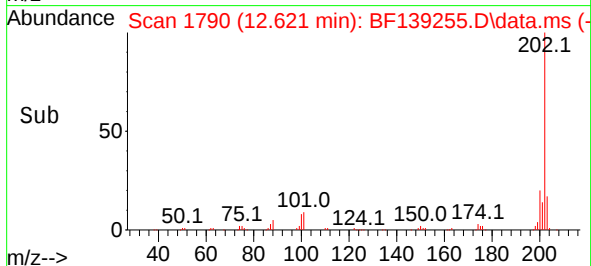
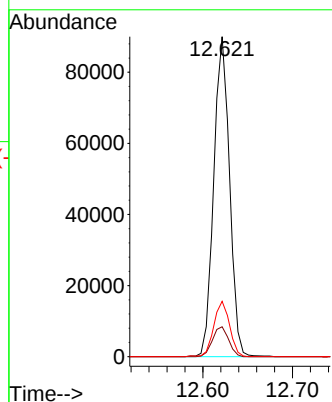
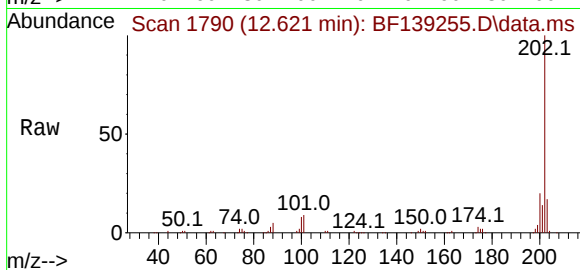
Tgt Ion:202 Resp: 110028

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.9

203 17.3 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

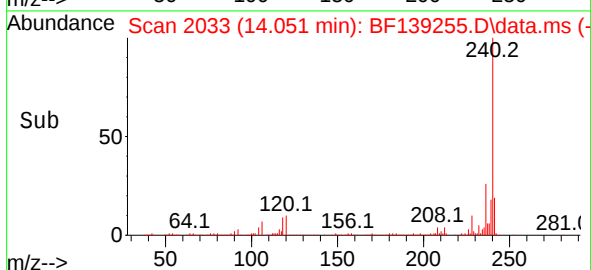
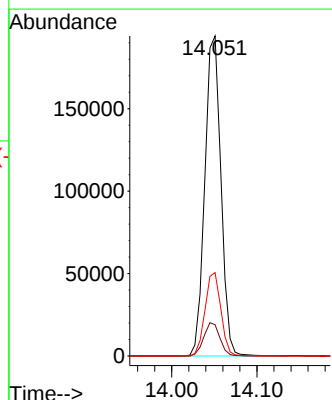
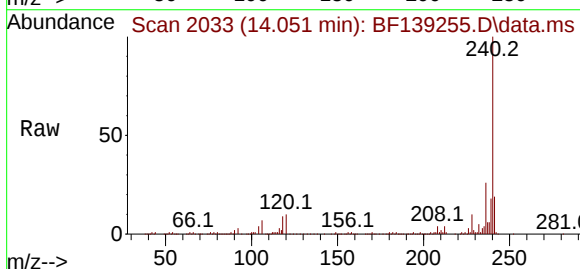
Tgt Ion:240 Resp: 254777

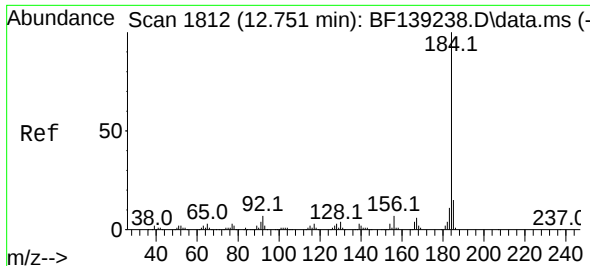
Ion Ratio Lower Upper

240 100

120 9.7 8.6 12.8

236 26.1 20.7 31.1

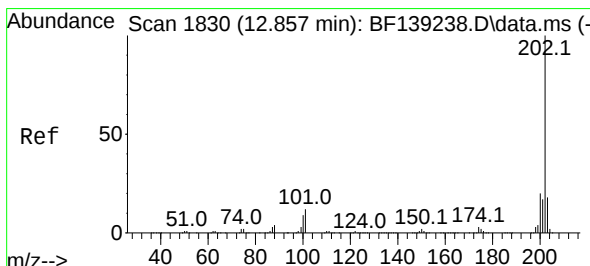
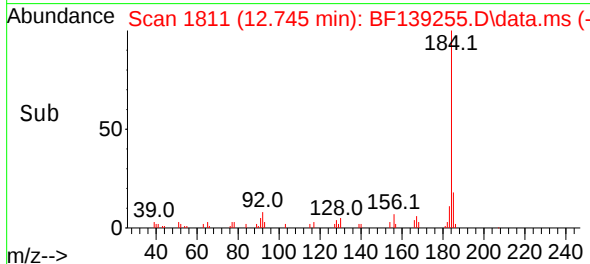
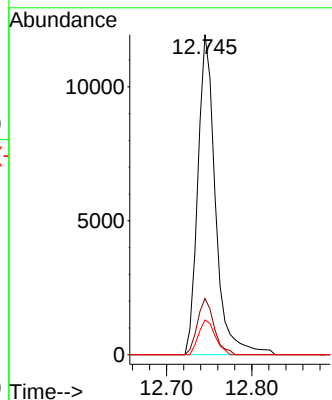
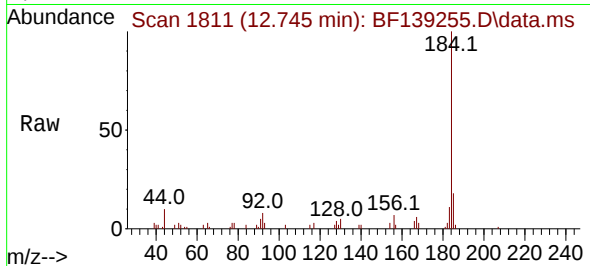




#77
Benzidine
Concen: 3.346 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

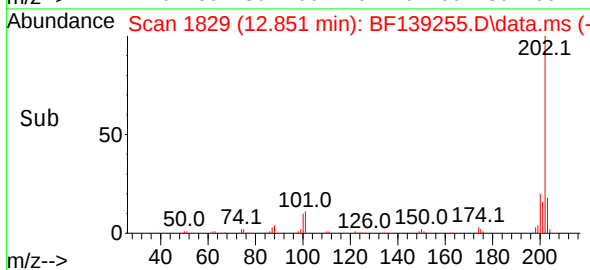
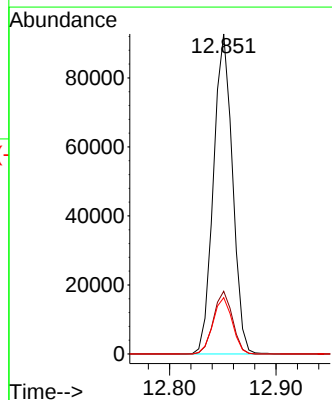
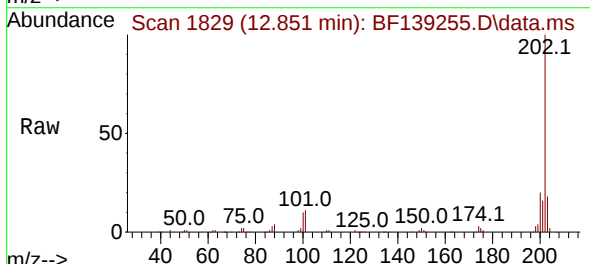
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

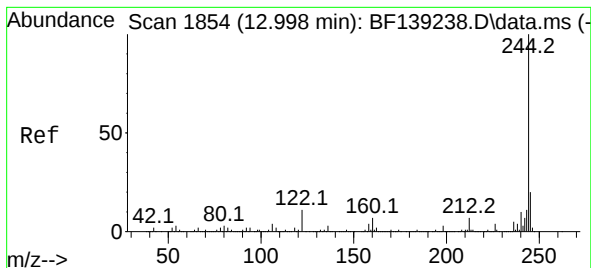
Tgt Ion:184 Resp: 17164
Ion Ratio Lower Upper
184 100
185 17.5 11.9 17.9
183 10.9 8.8 13.2



#78
Pyrene
Concen: 4.674 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:202 Resp: 115036
Ion Ratio Lower Upper
202 100
200 19.6 15.8 23.8
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 75.318 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139255.D

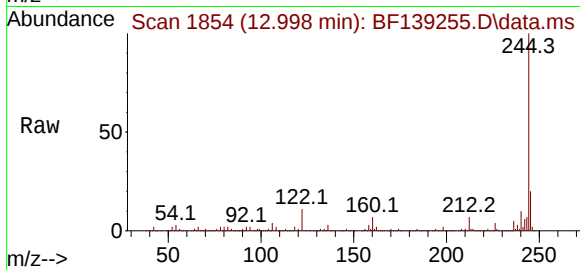
Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024



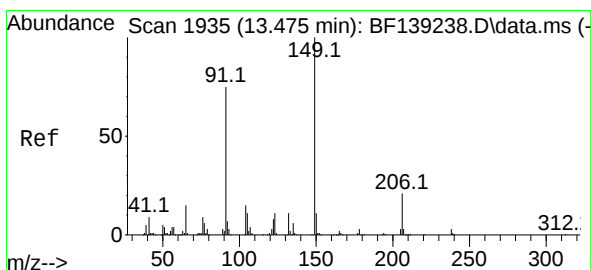
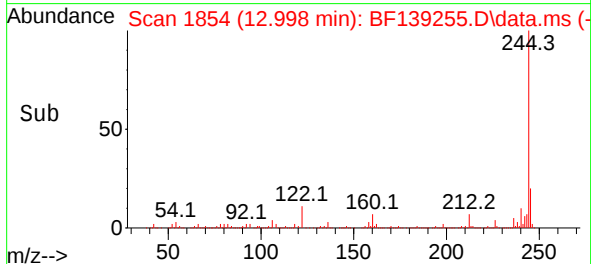
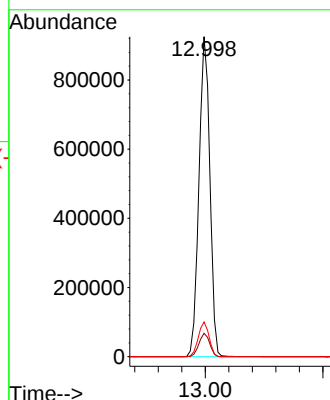
Tgt Ion:244 Resp: 1188496

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 10.9 8.7 13.1



#80

Butylbenzylphthalate

Concen: 4.053 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

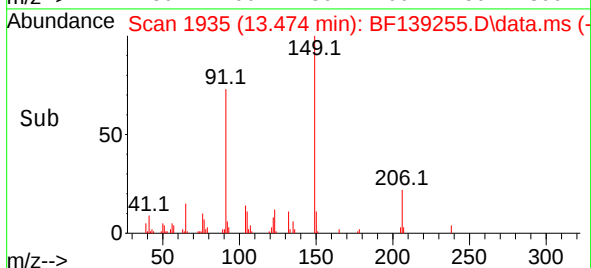
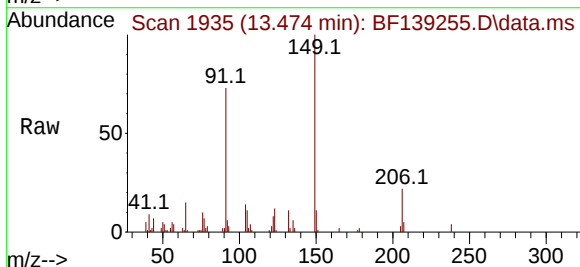
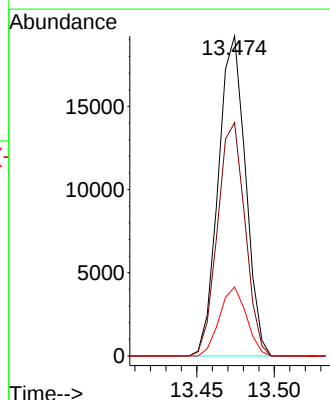
Tgt Ion:149 Resp: 23484

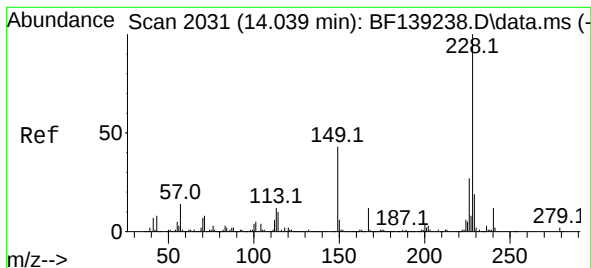
Ion Ratio Lower Upper

149 100

91 72.9 60.3 90.5

206 21.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 4.646 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

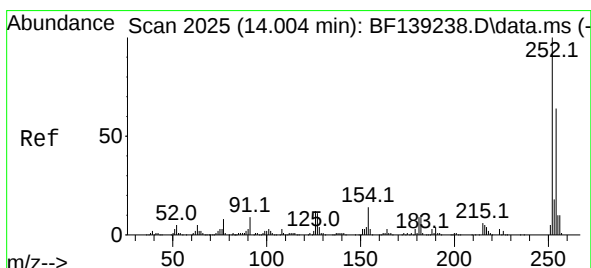
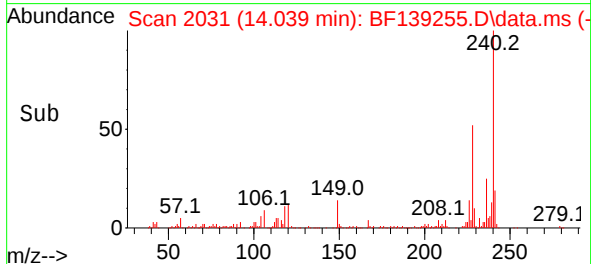
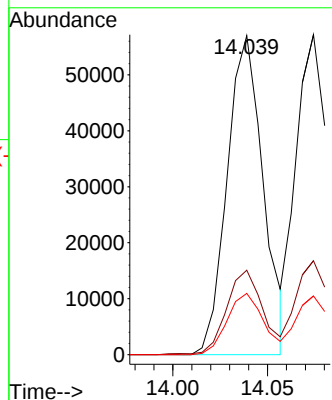
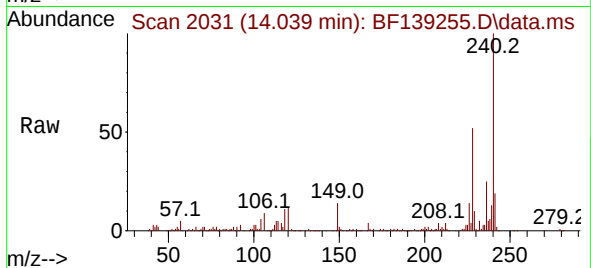
Tgt Ion:228 Resp: 75582

Ion Ratio Lower Upper

228 100

226 26.5 21.5 32.3

229 19.2 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 4.313 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

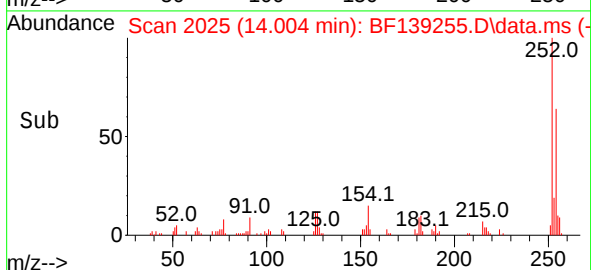
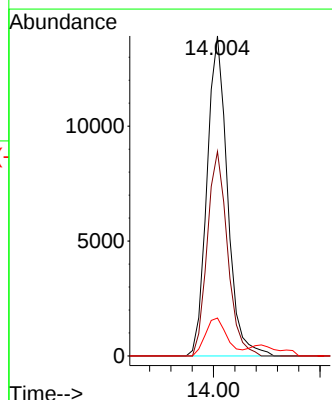
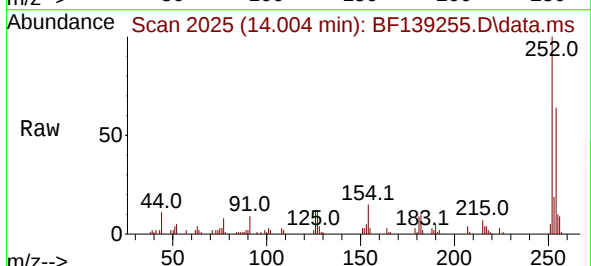
Tgt Ion:252 Resp: 18633

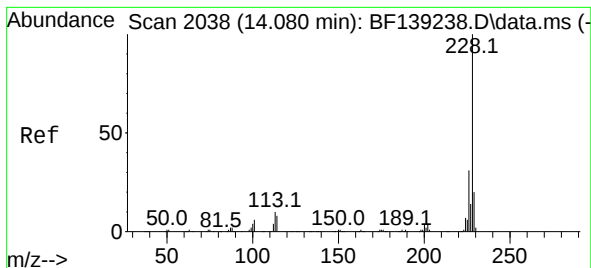
Ion Ratio Lower Upper

252 100

254 63.9 51.5 77.3

126 11.9 9.2 13.8





#83

Chrysene

Concen: 4.594 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

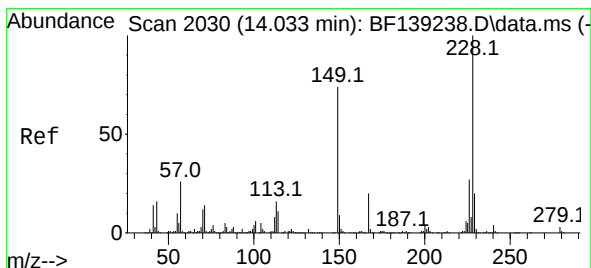
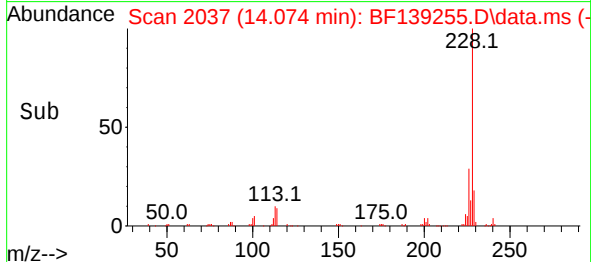
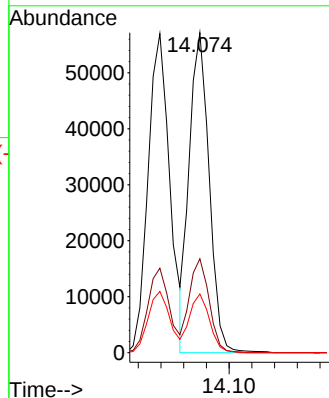
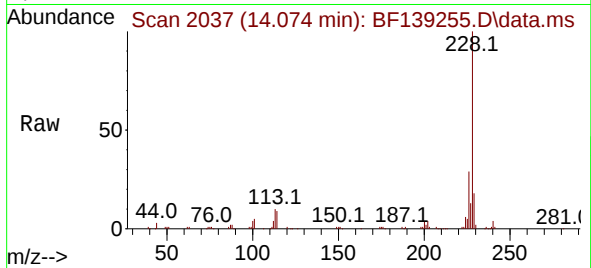
Tgt Ion:228 Resp: 69747

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.8

229 18.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.719 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

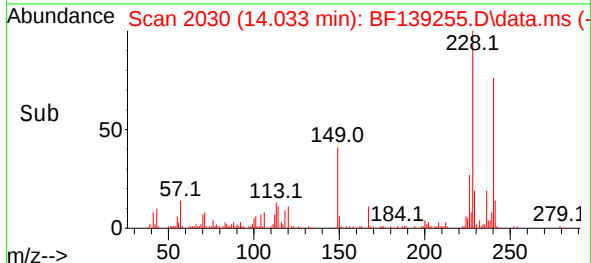
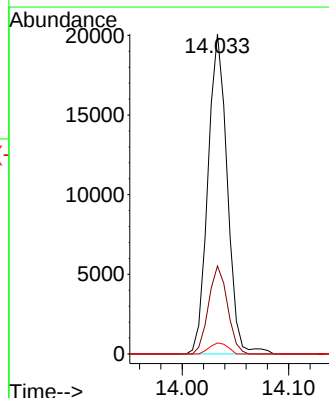
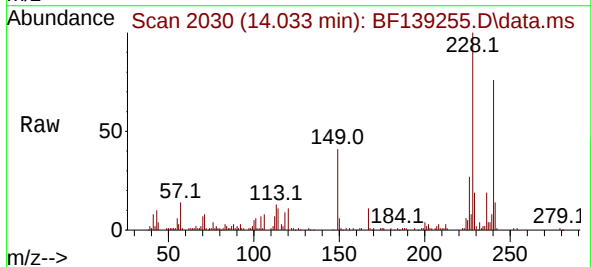
Tgt Ion:149 Resp: 25289

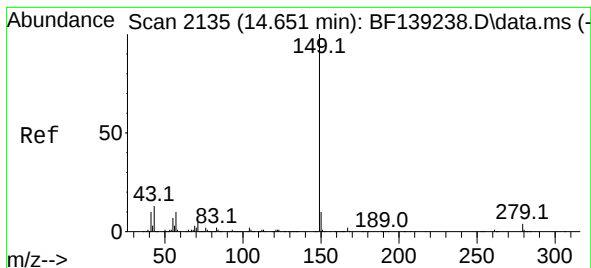
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 3.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 3.055 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

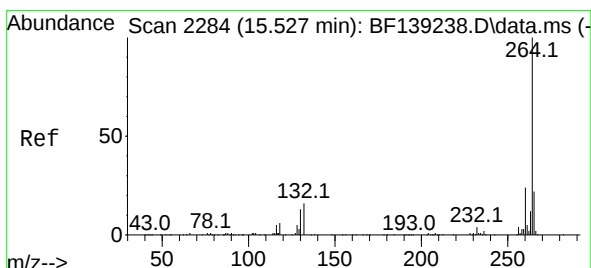
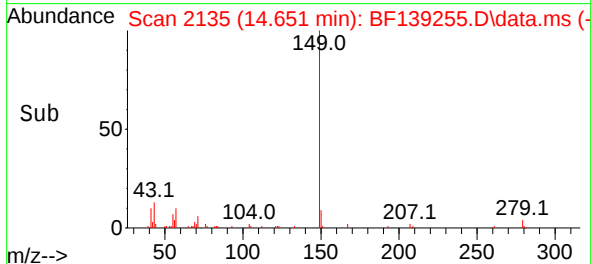
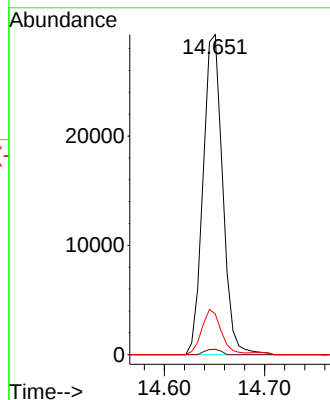
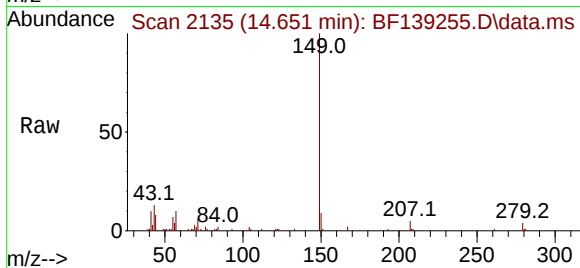
Tgt Ion:149 Resp: 39781

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

43 14.3 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

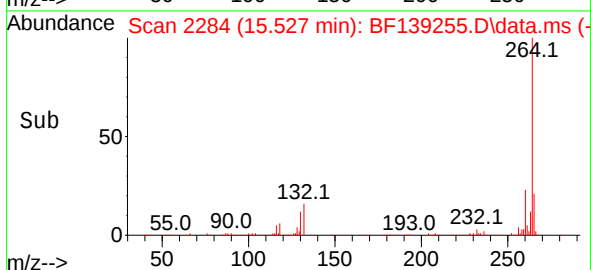
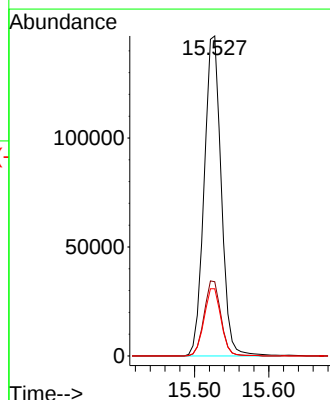
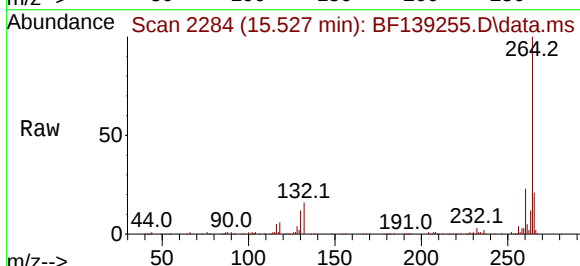
Tgt Ion:264 Resp: 234694

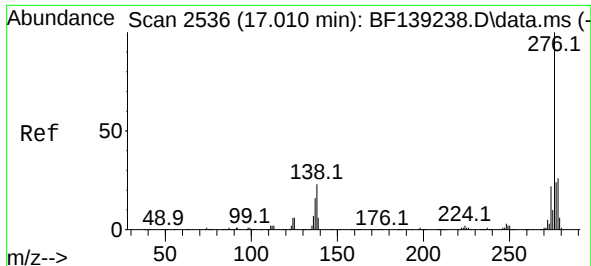
Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.0 17.3 25.9

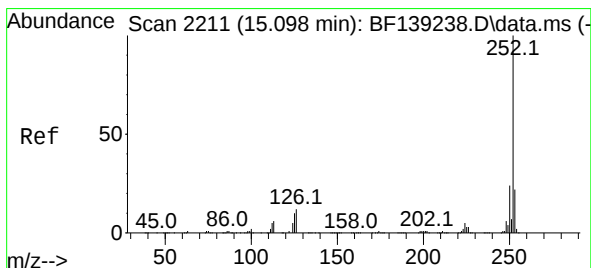
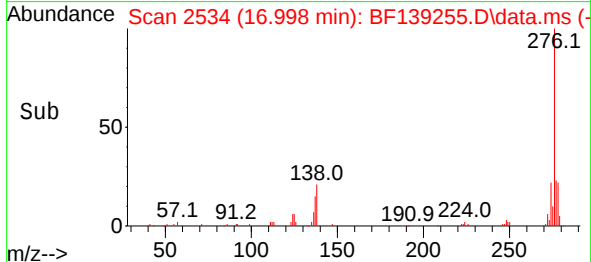
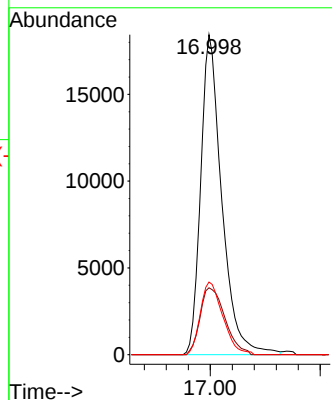
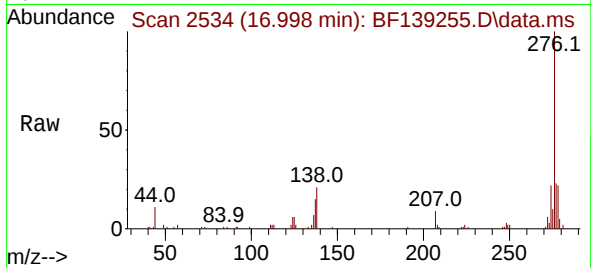




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.347 ng
RT: 16.998 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

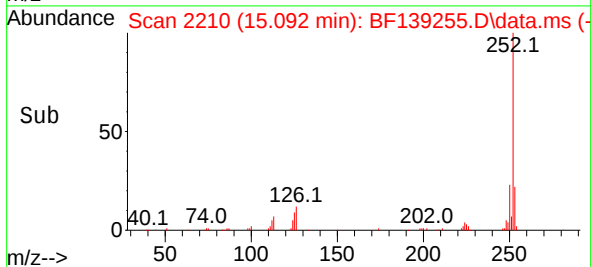
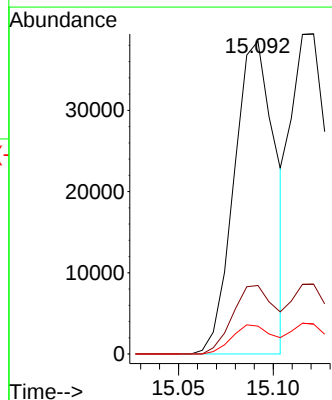
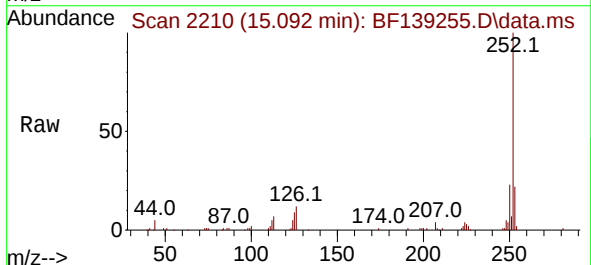
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

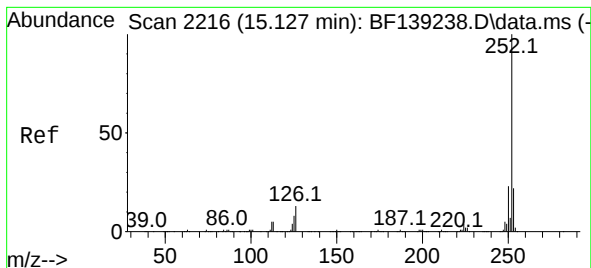
Tgt Ion:276 Resp: 49073
Ion Ratio Lower Upper
276 100
138 24.7 20.4 30.6
277 24.2 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 4.292 ng
RT: 15.092 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:252 Resp: 58008
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.9 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 4.718 ng

RT: 15.121 min Scan# 2216

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

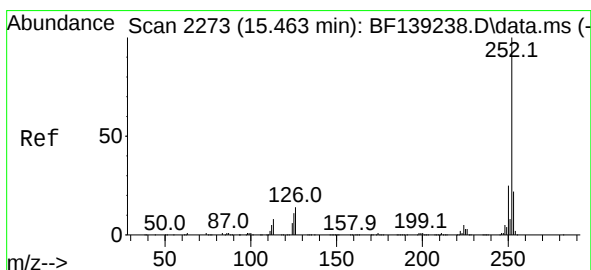
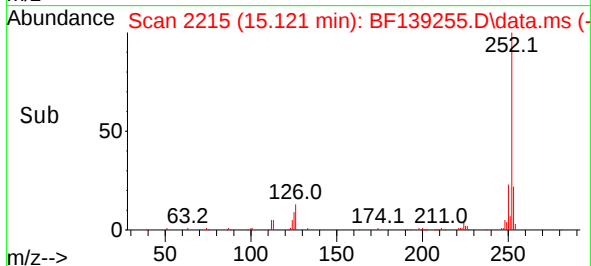
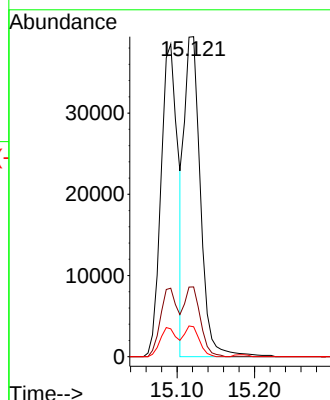
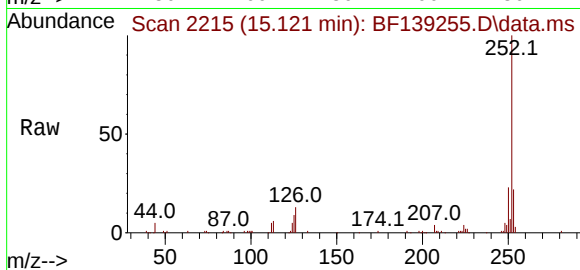
Tgt Ion:252 Resp: 57179

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 4.399 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

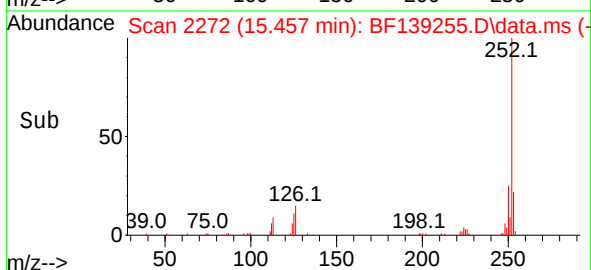
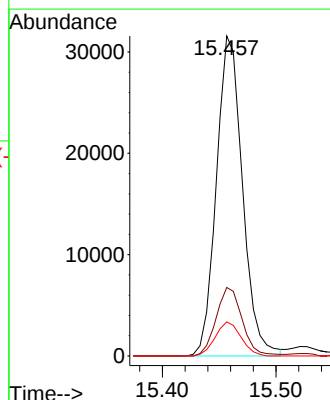
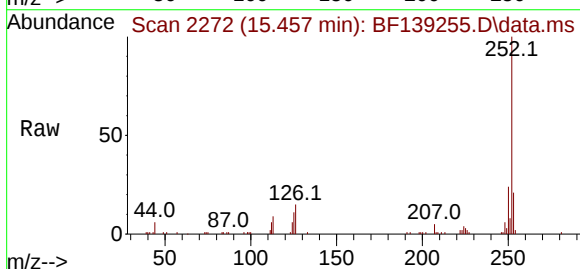
Tgt Ion:252 Resp: 50486

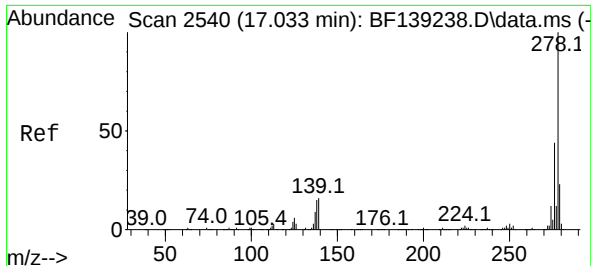
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.7 8.6 13.0

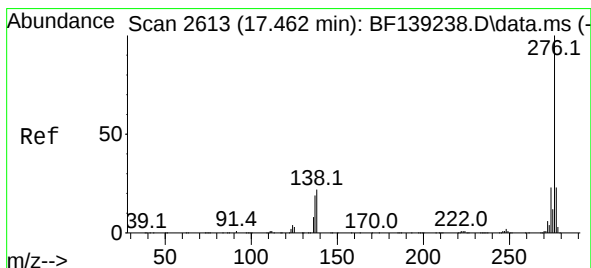
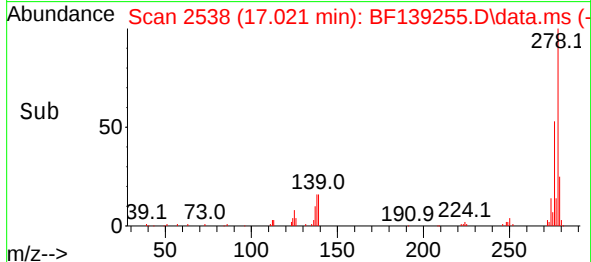
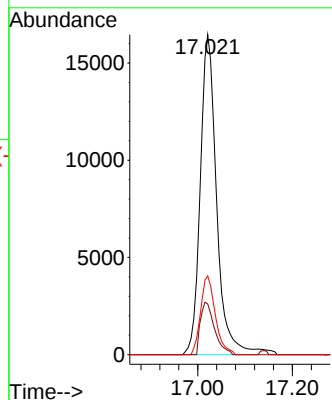
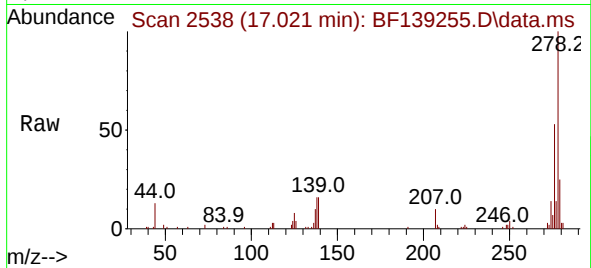




#91
Dibenzo(a,h)anthracene
Concen: 3.289 ng
RT: 17.021 min Scan# 2538
Delta R.T. -0.012 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:278 Resp: 39743
Ion Ratio Lower Upper
278 100
139 15.9 12.6 19.0
279 24.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 3.213 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.018 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:276 Resp: 40071
Ion Ratio Lower Upper
276 100
277 23.1 18.6 27.8
138 22.0 17.4 26.0

