

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139257.D
 Acq On : 05 Sep 2024 12:32
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-10 ng
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 05 13:16:25 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	110493	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	404657	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	220777	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	402790	20.000	ng	0.00
76) Chrysene-d12	14.051	240	202222	20.000	ng	0.00
86) Perylene-d12	15.527	264	181956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	724484	109.687	ng	0.00
7) Phenol-d6	6.510	99	950489	107.795	ng	0.00
23) Nitrobenzene-d5	7.451	82	619391	79.629	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	209318	109.795	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1126465	78.761	ng	0.00
79) Terphenyl-d14	12.998	244	1006813	80.386	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	30541	9.929	ng	99
3) Pyridine	3.446	79	68407	9.213	ng	96
4) n-Nitrosodimethylamine	3.369	42	45539	9.445	ng	99
6) Aniline	6.551	93	96642	11.919	ng	98
8) 2-Chlorophenol	6.669	128	69417	10.141	ng	87
9) Benzaldehyde	6.440	77	63848	11.962	ng	99
10) Phenol	6.522	94	95453	10.263	ng	# 78
11) bis(2-Chloroethyl)ether	6.622	93	69541	10.437	ng	97
12) 1,3-Dichlorobenzene	6.828	146	75426	9.735	ng	99
13) 1,4-Dichlorobenzene	6.904	146	77021	9.932	ng	99
14) 1,2-Dichlorobenzene	7.057	146	72362	10.005	ng	99
15) Benzyl Alcohol	7.022	79	72950	11.345	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	133587	10.532	ng	100
17) 2-Methylphenol	7.128	107	54171	9.688	ng	98
18) Hexachloroethane	7.398	117	25805	9.317	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	51818	10.204	ng	99
20) 3+4-Methylphenols	7.287	107	72089	10.230	ng	# 86
22) Acetophenone	7.293	105	100707	10.446	ng	96
24) Nitrobenzene	7.469	77	80040	9.695	ng	99
25) Isophorone	7.704	82	134611	10.122	ng	99
26) 2-Nitrophenol	7.781	139	31361	9.671	ng	99
27) 2,4-Dimethylphenol	7.816	122	44778	9.683	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	81330	10.265	ng	97
29) 2,4-Dichlorophenol	8.022	162	56208	10.151	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	62364	9.861	ng	99
31) Naphthalene	8.192	128	208334	10.166	ng	99
32) Benzoic acid	7.887	122	48860	11.599	ng	96
33) 4-Chloroaniline	8.239	127	77635	10.941	ng	97
34) Hexachlorobutadiene	8.310	225	37446	9.345	ng	99
35) Caprolactam	8.569	113	16065	9.372	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	59571	9.873	ng	97
37) 2-Methylnaphthalene	8.881	142	131063	10.223	ng	98
38) 1-Methylnaphthalene	8.981	142	121048	9.600	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	64261	10.288	ng	99
41) Hexachlorocyclopentadiene	9.034	237	20868	10.395	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	39480	9.660	ng	96

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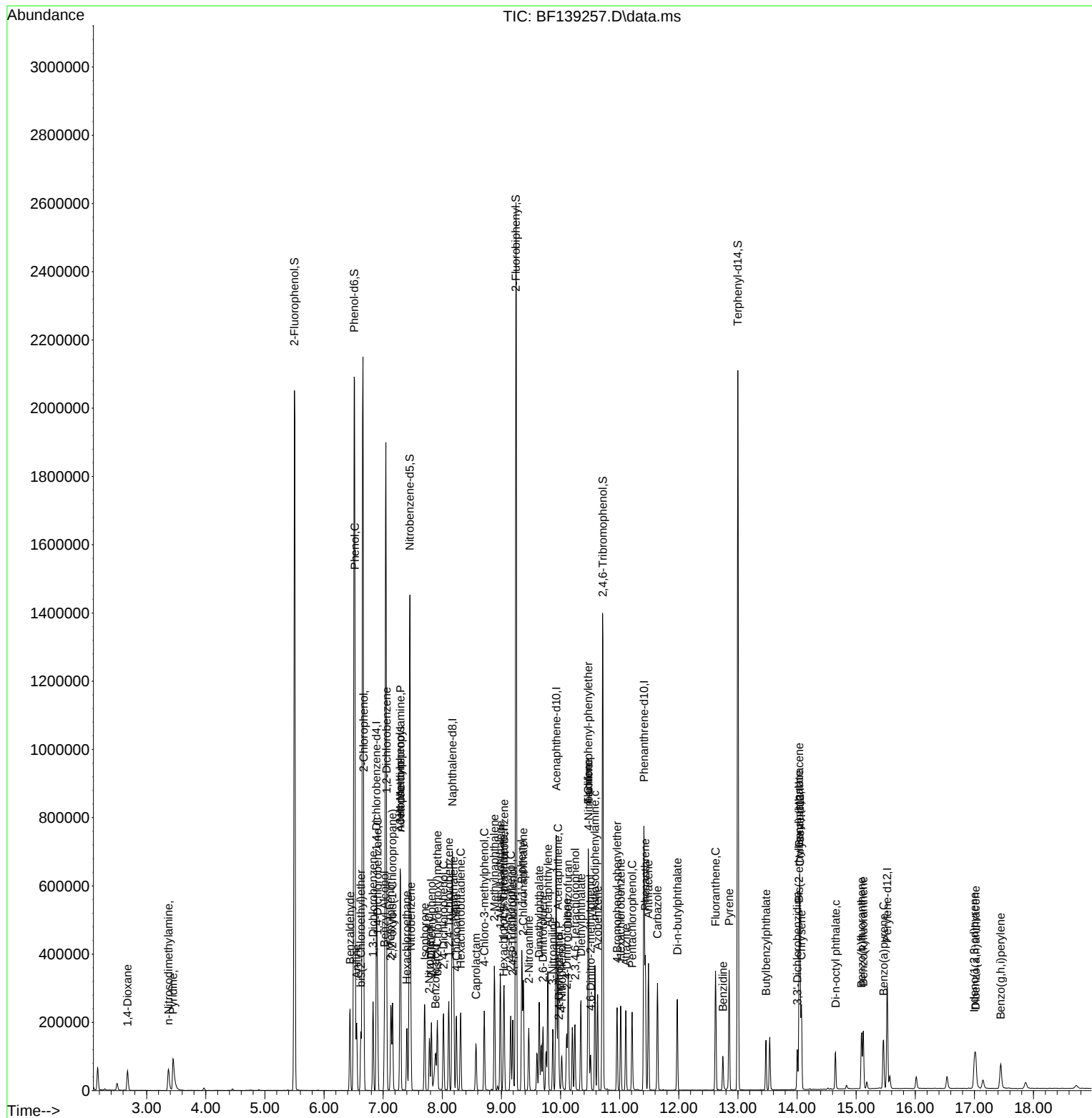
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	41087	9.594	ng	98
46) 1,1'-Biphenyl	9.345	154	170538	10.426	ng	100
47) 2-Chloronaphthalene	9.369	162	122365	9.907	ng	99
48) 2-Nitroaniline	9.463	65	40410	9.499	ng	99
49) Acenaphthylene	9.786	152	204377	10.986	ng	99
50) Dimethylphthalate	9.639	163	137003	10.238	ng	100
51) 2,6-Dinitrotoluene	9.704	165	28551	9.405	ng	96
52) Acenaphthene	9.957	154	121178	9.821	ng	99
53) 3-Nitroaniline	9.869	138	31374	9.700	ng	96
54) 2,4-Dinitrophenol	9.975	184	6709	11.347	ng	# 31
55) Dibenzofuran	10.128	168	185277	10.474	ng	98
56) 4-Nitrophenol	10.022	139	19087	7.995	ng	100
57) 2,4-Dinitrotoluene	10.104	165	35473	9.181	ng	98
58) Fluorene	10.469	166	141817	10.340	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	33439	9.919	ng	97
60) Diethylphthalate	10.345	149	132286	10.046	ng	98
61) 4-Chlorophenyl-phenyle...	10.469	204	68310	10.328	ng	97
62) 4-Nitroaniline	10.475	138	29425	9.557	ng	95
63) Azobenzene	10.628	77	142707	10.282	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	16337	8.778	ng	96
66) n-Nitrosodiphenylamine	10.581	169	120176	10.250	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	38356	9.815	ng	98
68) Hexachlorobenzene	11.016	284	44566	9.962	ng	98
69) Atrazine	11.104	200	34713	12.833	ng	99
70) Pentachlorophenol	11.210	266	35261	13.644	ng	98
71) Phenanthrene	11.433	178	198909	10.571	ng	99
72) Anthracene	11.486	178	195822	10.653	ng	99
73) Carbazole	11.639	167	171721	9.996	ng	99
74) Di-n-butylphthalate	11.975	149	177462	10.089	ng	99
75) Fluoranthene	12.622	202	195204	10.348	ng	100
77) Benzidine	12.745	184	54658	13.423	ng	96
78) Pyrene	12.851	202	202109	10.346	ng	99
80) Butylbenzylphthalate	13.474	149	43621	9.486	ng	97
81) Benzo(a)anthracene	14.039	228	131945	10.218	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	35762	10.429	ng	100
83) Chrysene	14.074	228	121266	10.062	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	45516	8.433	ng	99
85) Di-n-octyl phthalate	14.651	149	71480	6.917	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	86948	7.649	ng	99
88) Benzo(b)fluoranthene	15.092	252	100067	9.549	ng	98
89) Benzo(k)fluoranthene	15.121	252	102170	10.874	ng	99
90) Benzo(a)pyrene	15.463	252	91991	10.339	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	69020	7.368	ng	98
92) Benzo(g,h,i)perylene	17.445	276	67950	7.027	ng	99

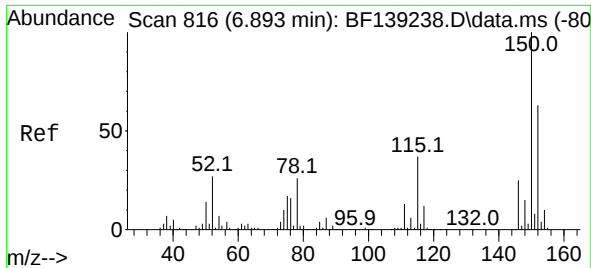
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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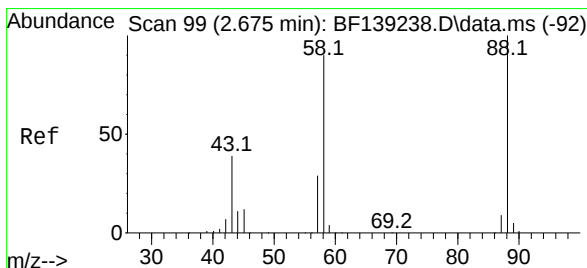
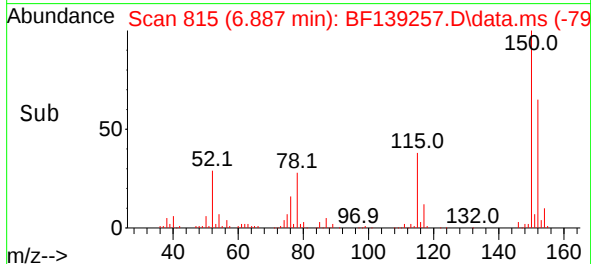
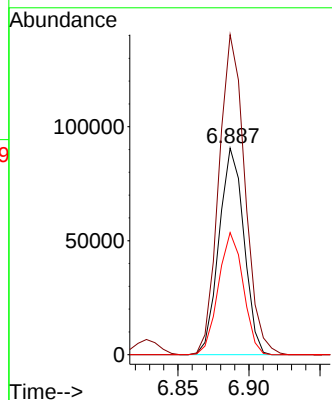
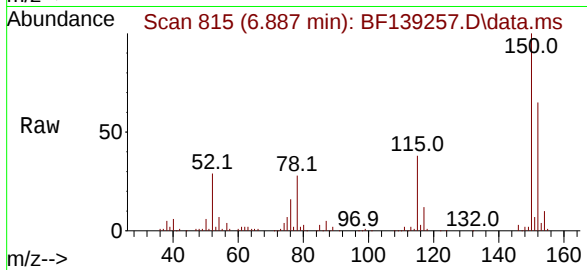




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

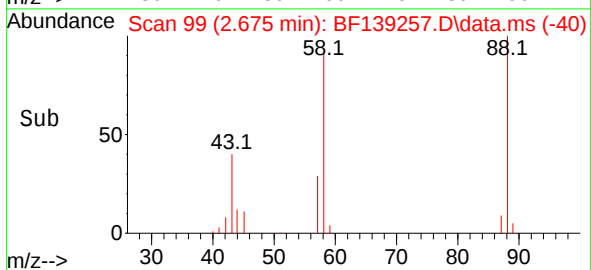
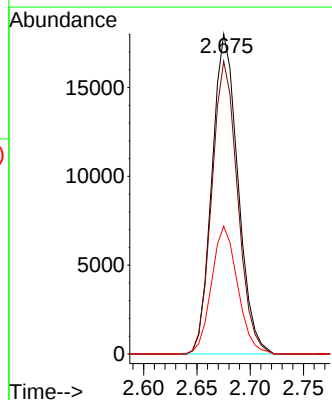
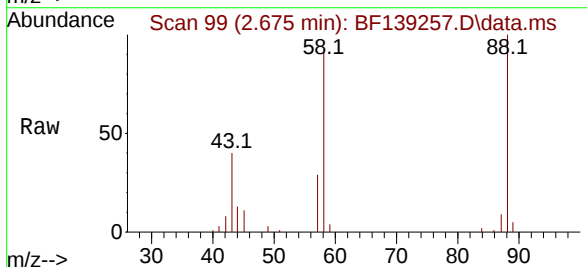
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

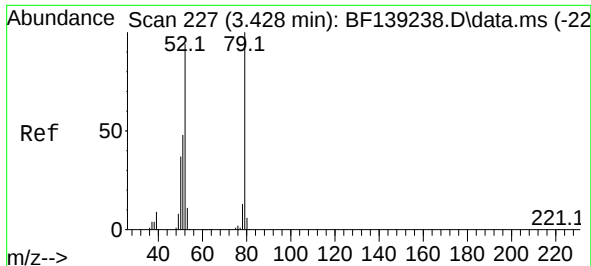
Tgt Ion:152 Resp: 110493
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.4
115 59.1 46.9 70.3



#2
1,4-Dioxane
Concen: 9.929 ng
RT: 2.675 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion: 88 Resp: 30541
Ion Ratio Lower Upper
88 100
58 90.8 72.5 108.7
43 40.2 31.4 47.2





#3

Pyridine

Concen: 9.213 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

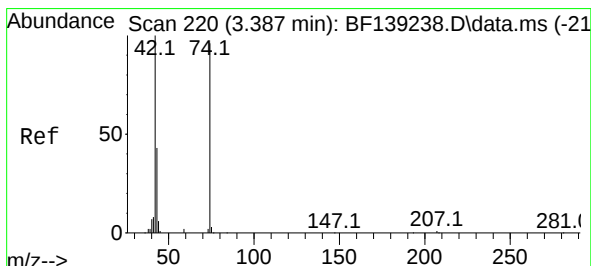
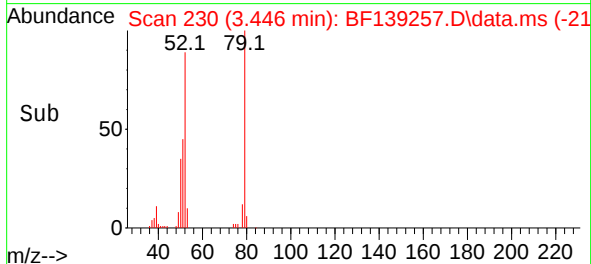
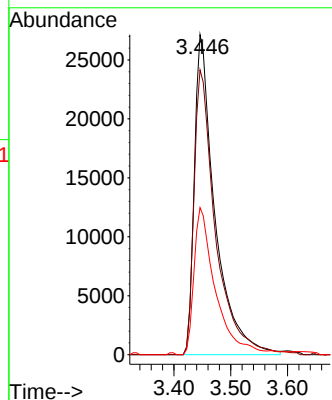
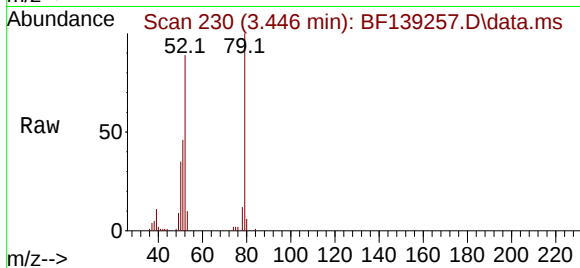
Tgt Ion: 79 Resp: 68407

Ion Ratio Lower Upper

79 100

52 89.0 75.3 112.9

51 46.0 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 9.445 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.018 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

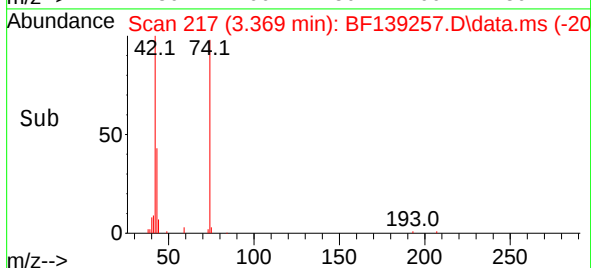
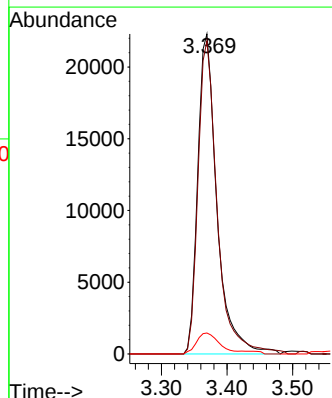
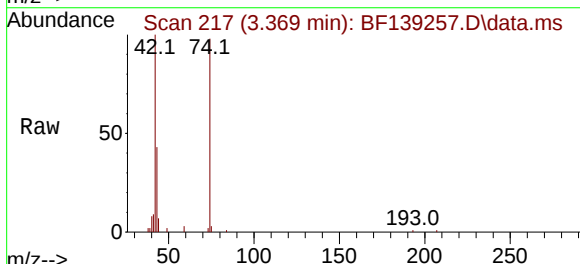
Tgt Ion: 42 Resp: 45539

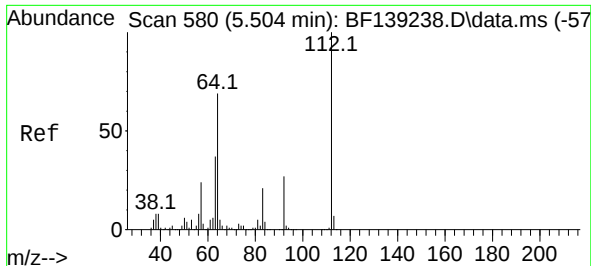
Ion Ratio Lower Upper

42 100

74 97.8 77.2 115.8

44 6.5 5.1 7.7

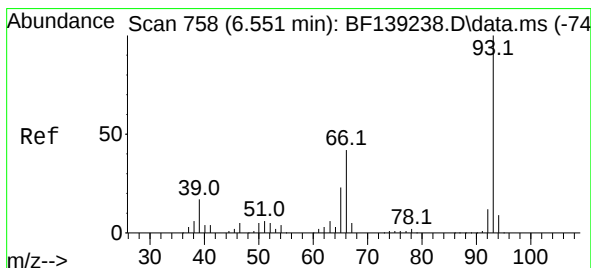
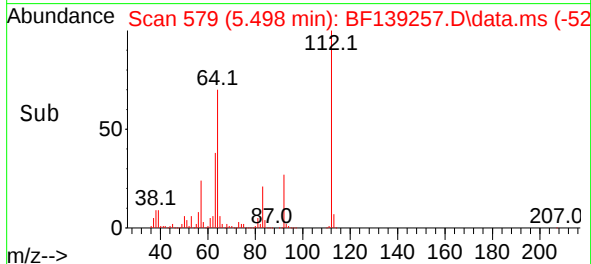
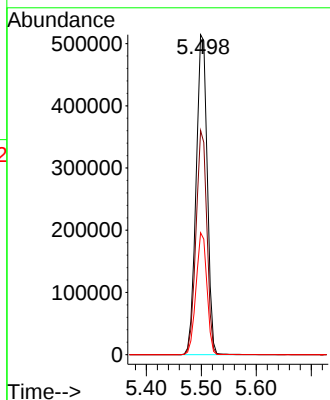
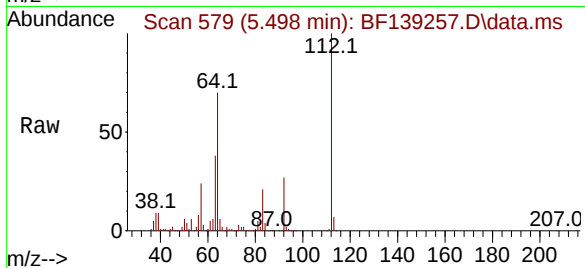




#5
2-Fluorophenol
Concen: 109.687 ng
RT: 5.498 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

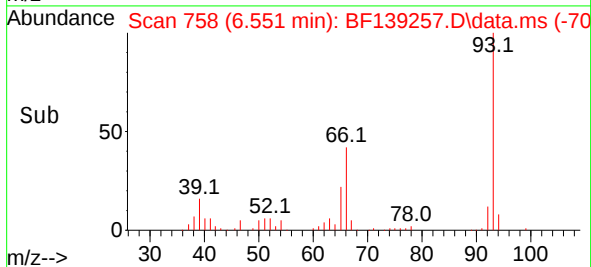
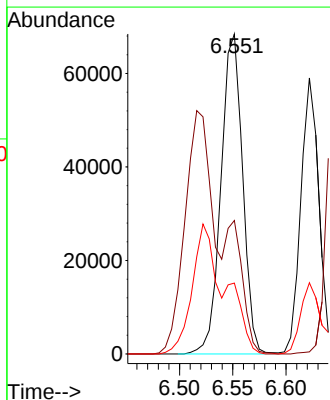
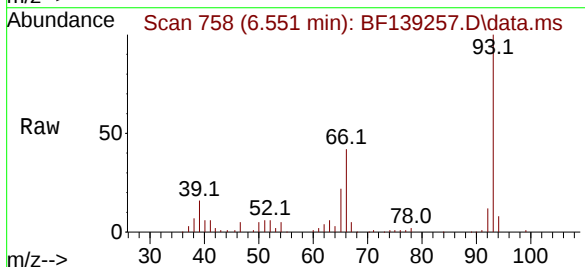
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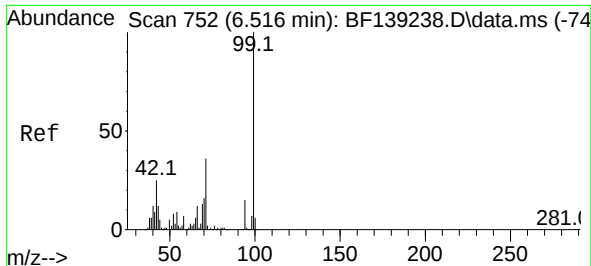
Tgt Ion:112 Resp: 724484
Ion Ratio Lower Upper
112 100
64 70.0 55.0 82.4
63 38.1 29.9 44.9



#6
Aniline
Concen: 11.919 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion: 93 Resp: 96642
Ion Ratio Lower Upper
93 100
66 41.7 34.4 51.6
65 22.2 18.2 27.4





#7

Phenol-d6

Concen: 107.795 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

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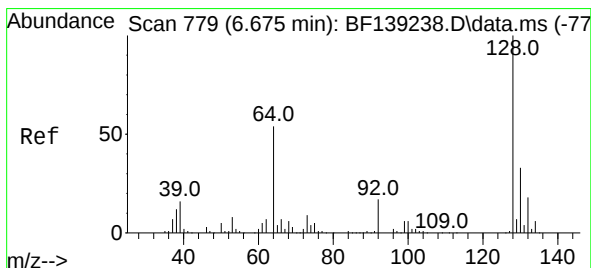
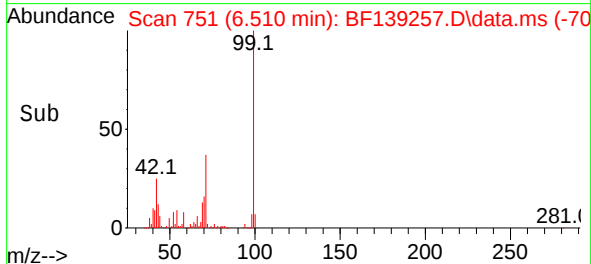
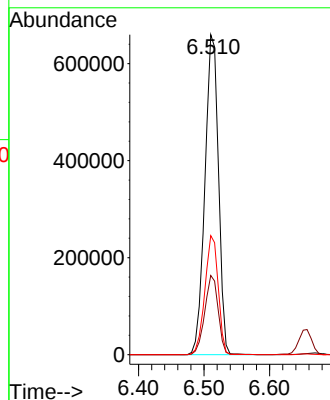
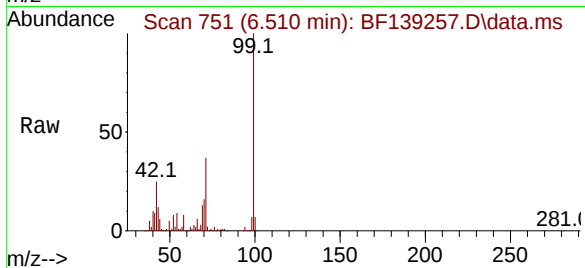
Tgt Ion: 99 Resp: 950489

Ion Ratio Lower Upper

99 100

42 24.7 19.8 29.6

71 37.2 28.8 43.2



#8

2-Chlorophenol

Concen: 10.141 ng

RT: 6.669 min Scan# 778

Delta R.T. -0.006 min

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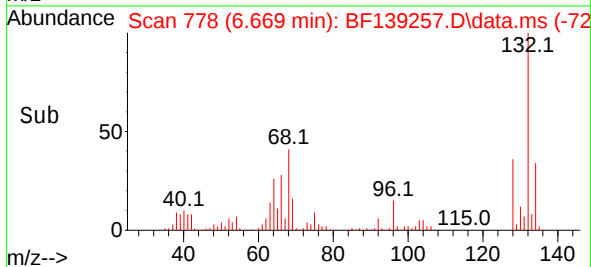
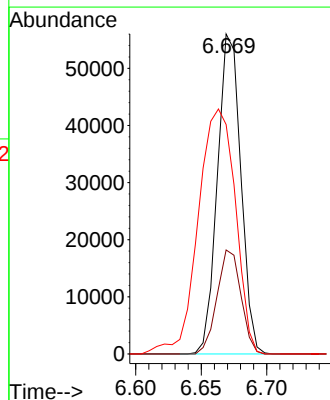
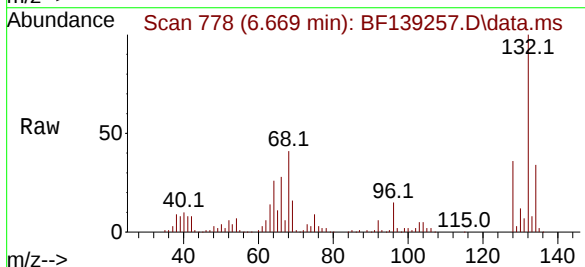
Tgt Ion:128 Resp: 69417

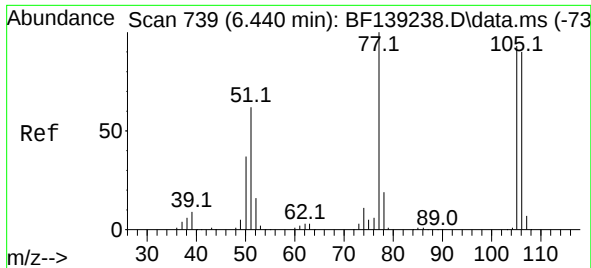
Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

64 71.7 36.6 76.6





#9

Benzaldehyde

Concen: 11.962 ng

RT: 6.440 min Scan# 739

Delta R.T. -0.000 min

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ClientSampleId :

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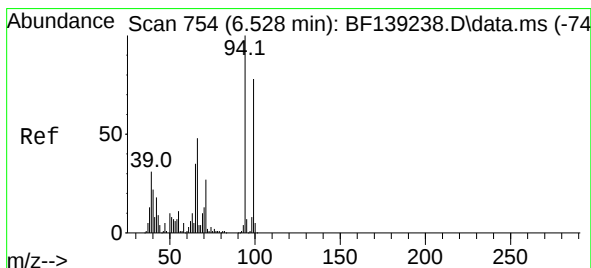
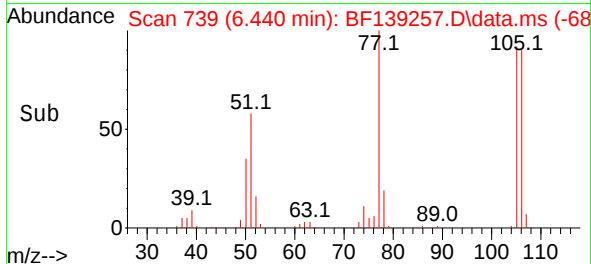
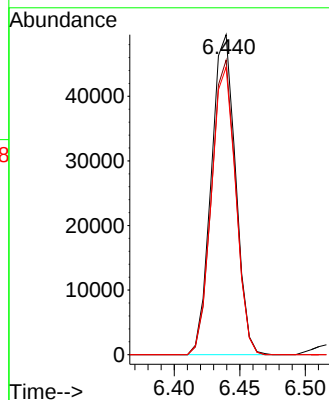
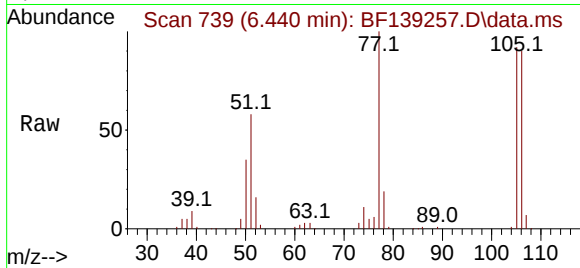
Tgt Ion: 77 Resp: 63848

Ion Ratio Lower Upper

77 100

105 92.0 72.9 112.9

106 89.9 69.6 109.6



#10

Phenol

Concen: 10.263 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

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Acq: 05 Sep 2024 12:32

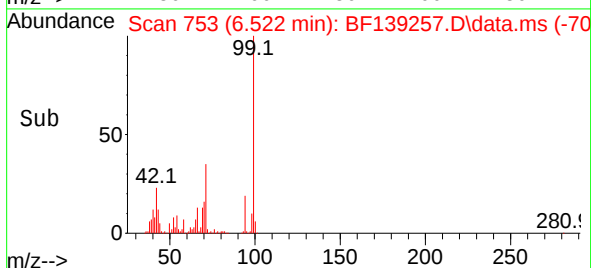
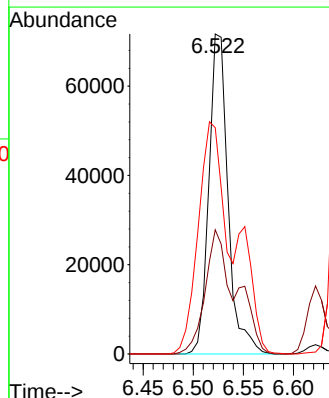
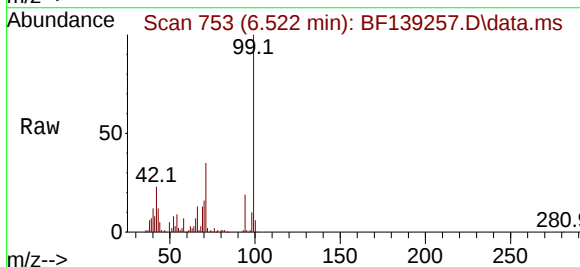
Tgt Ion: 94 Resp: 95453

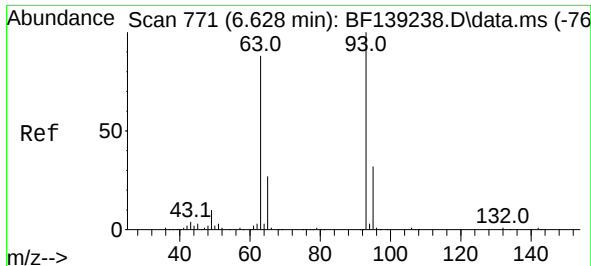
Ion Ratio Lower Upper

94 100

65 38.8 14.7 54.7

66 70.7 28.5 68.5#





#11

bis(2-Chloroethyl)ether

Concen: 10.437 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

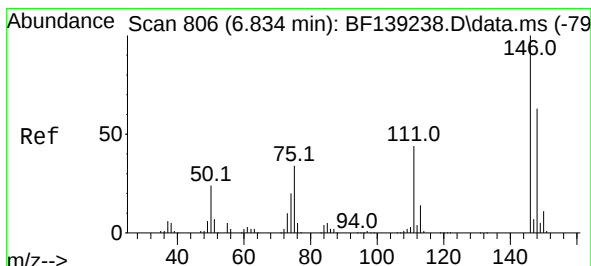
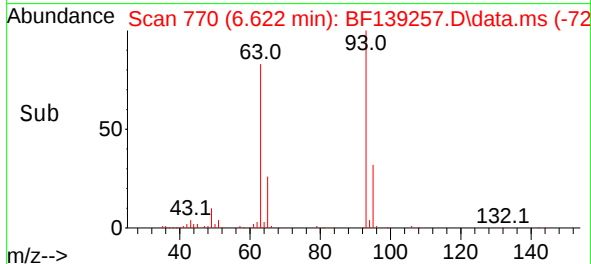
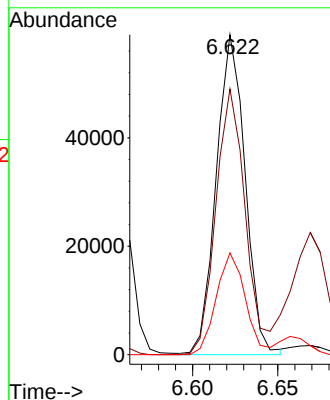
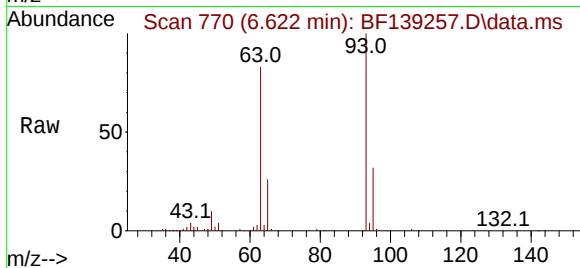
Tgt Ion: 93 Resp: 69541

Ion Ratio Lower Upper

93 100

63 83.0 67.1 107.1

95 31.8 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 9.735 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

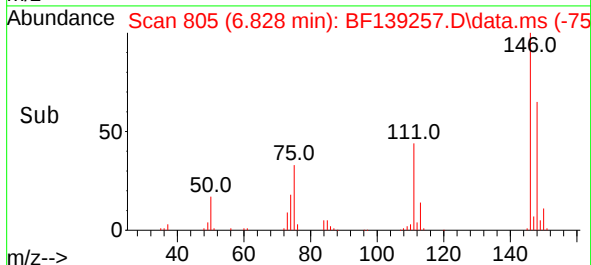
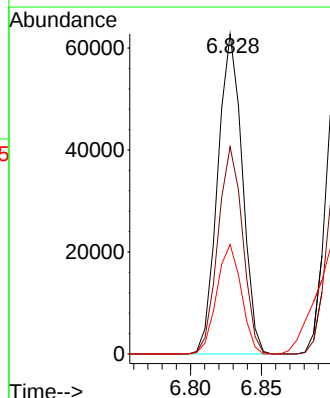
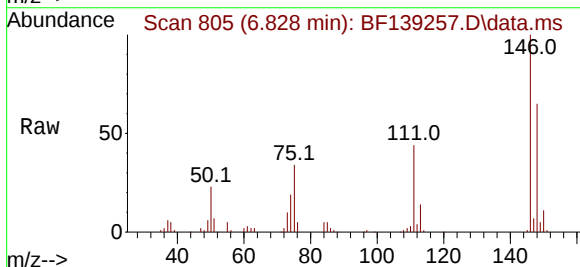
Tgt Ion:146 Resp: 75426

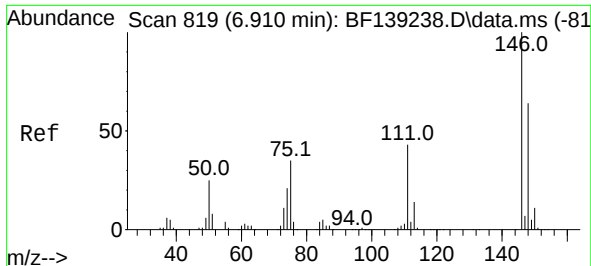
Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

75 34.2 27.3 40.9





#13

1,4-Dichlorobenzene

Concen: 9.932 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

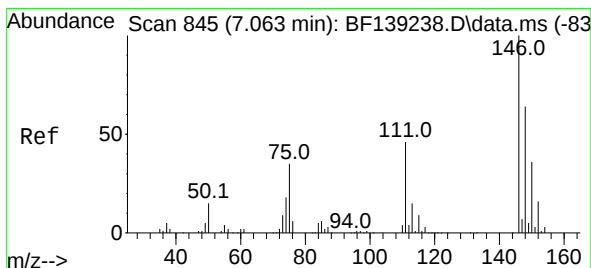
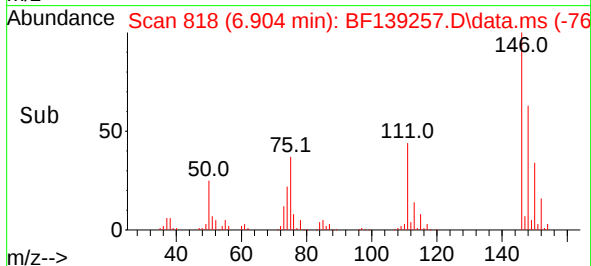
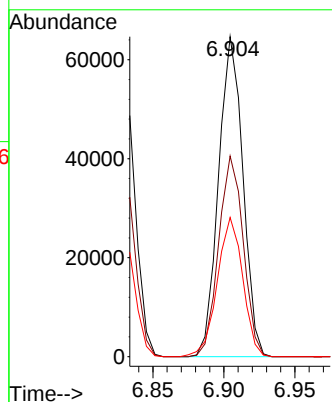
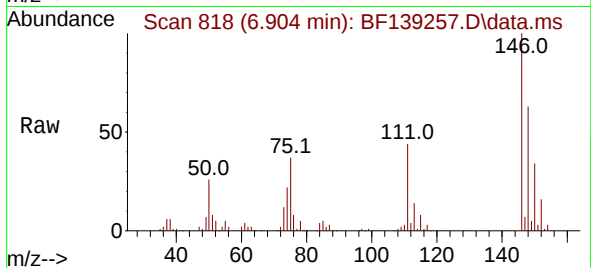
Tgt Ion:146 Resp: 77021

Ion Ratio Lower Upper

146 100

148 62.7 51.2 76.8

111 43.5 34.6 51.8



#14

1,2-Dichlorobenzene

Concen: 10.005 ng

RT: 7.057 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

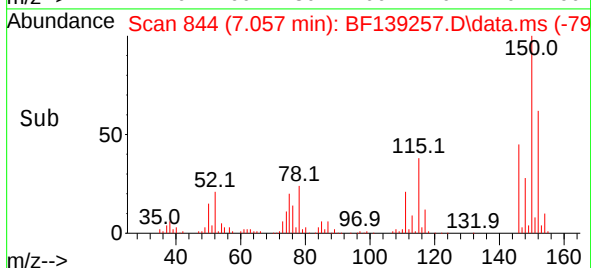
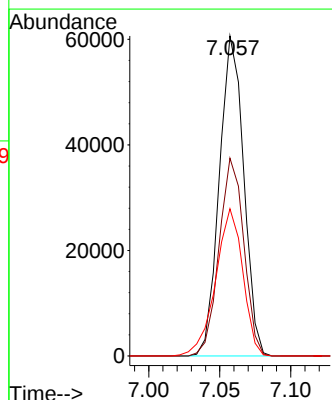
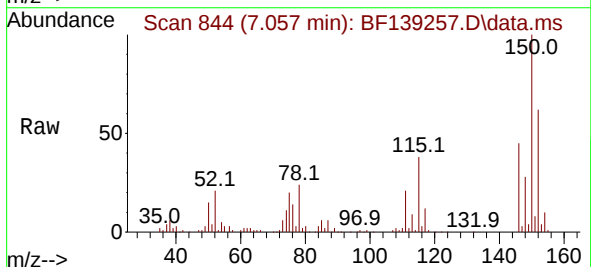
Tgt Ion:146 Resp: 72362

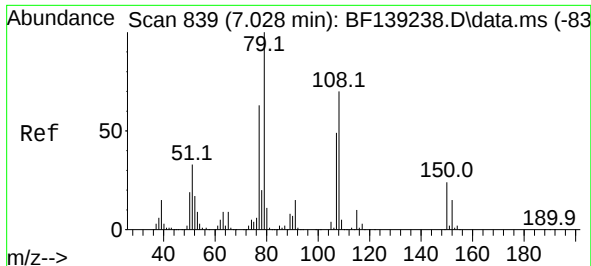
Ion Ratio Lower Upper

146 100

148 61.8 50.9 76.3

111 46.0 36.6 55.0

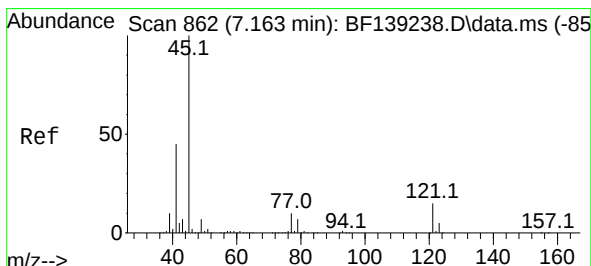
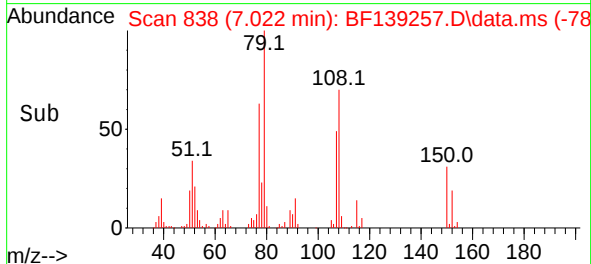
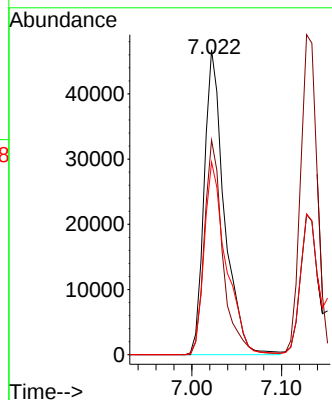
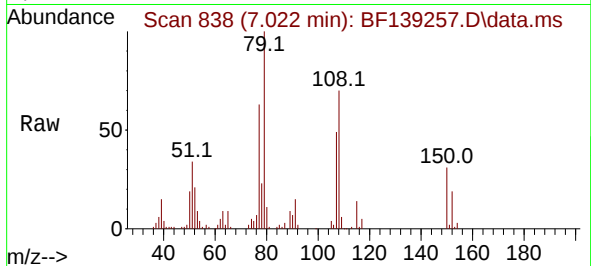




#15
Benzyl Alcohol
Concen: 11.345 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

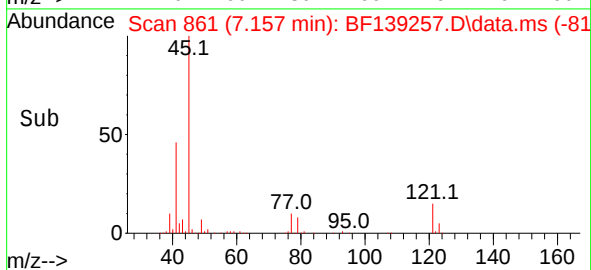
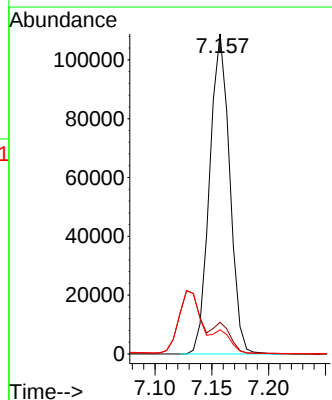
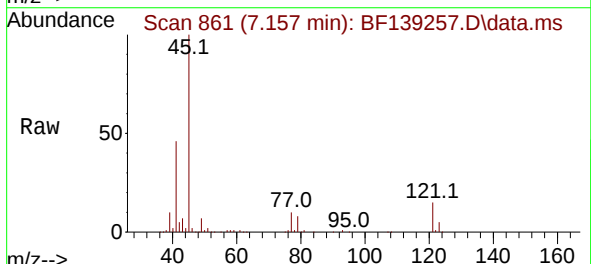
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

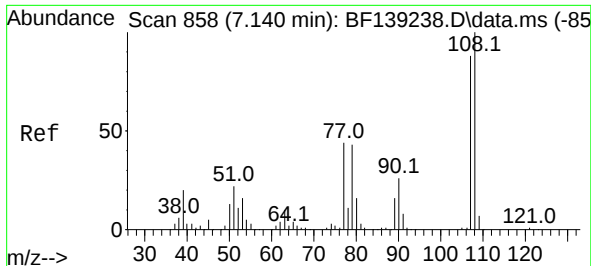
Tgt Ion: 79 Resp: 72950
Ion Ratio Lower Upper
79 100
108 70.4 56.1 84.1
77 63.2 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 10.532 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion: 45 Resp: 133587
Ion Ratio Lower Upper
45 100
77 9.9 0.0 30.0
79 7.6 0.0 27.6

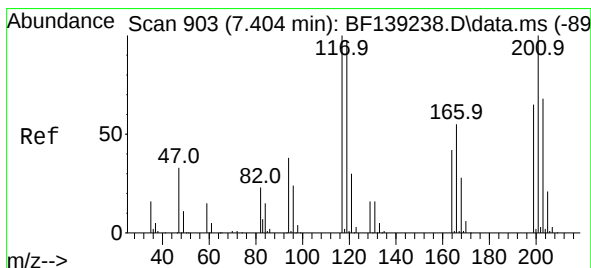
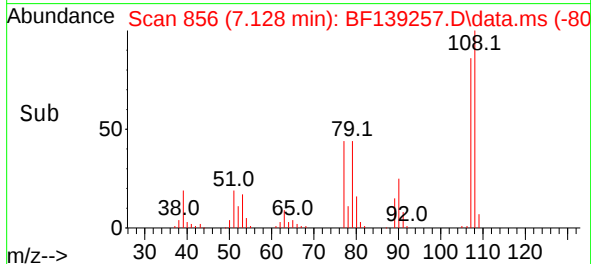
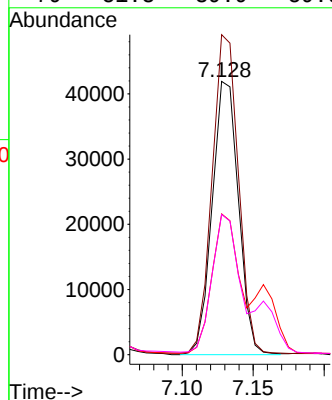
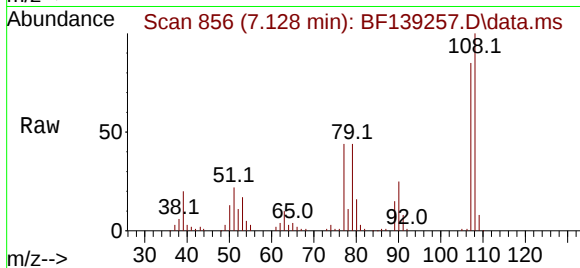




#17
2-Methylphenol
Concen: 9.688 ng
RT: 7.128 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

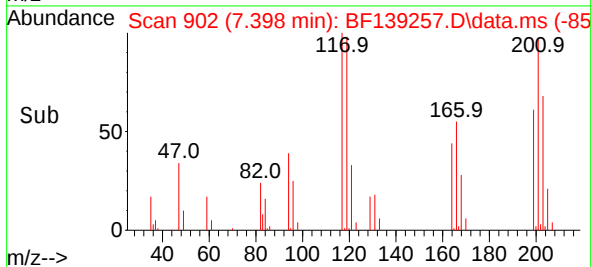
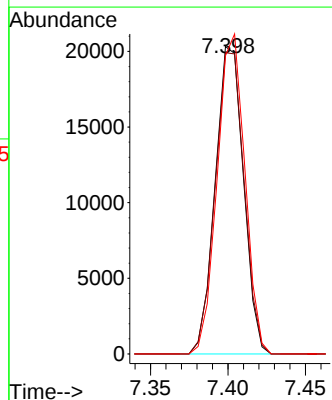
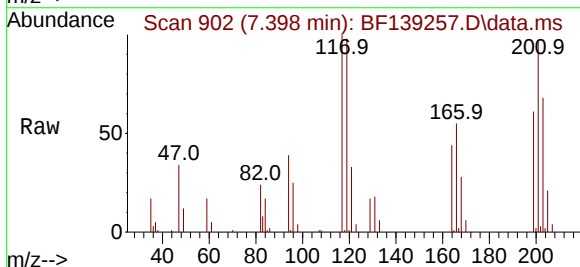
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2024

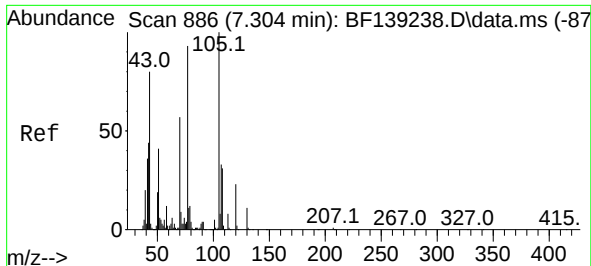
Tgt Ion:	107	Resp:	54171
Ion	Ratio	Lower	Upper
107	100		
108	117.1	91.4	137.2
77	51.5	40.1	60.1
79	51.3	39.9	59.9



#18
Hexachloroethane
Concen: 9.317 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion:	117	Resp:	25805
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.4	116.2
201	97.0	80.0	120.0





#19

n-Nitroso-di-n-propylamine

Concen: 10.204 ng

RT: 7.293 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 70 Resp: 51818

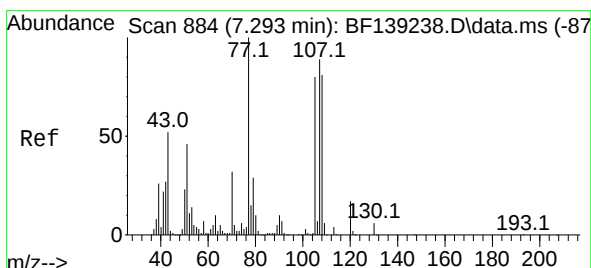
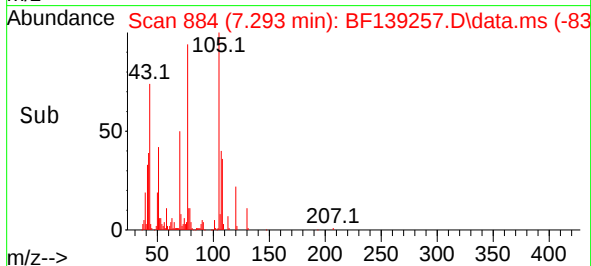
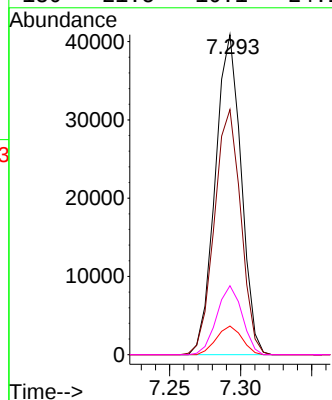
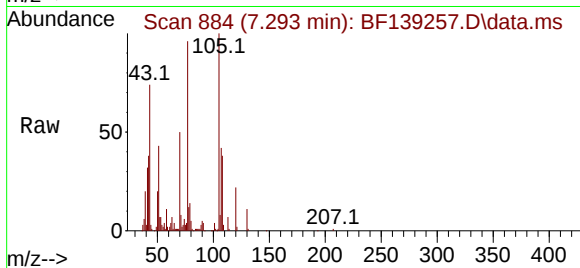
Ion Ratio Lower Upper

70 100

42 76.6 61.0 91.6

101 9.0 7.2 10.8

130 21.5 16.1 24.1



#20

3+4-Methylphenols

Concen: 10.230 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Tgt Ion:107 Resp: 72089

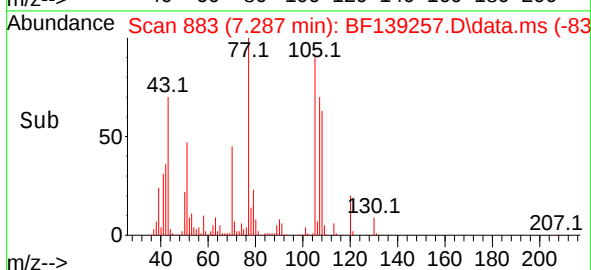
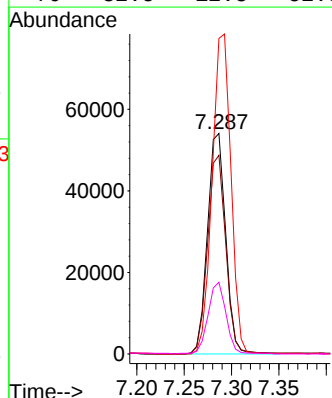
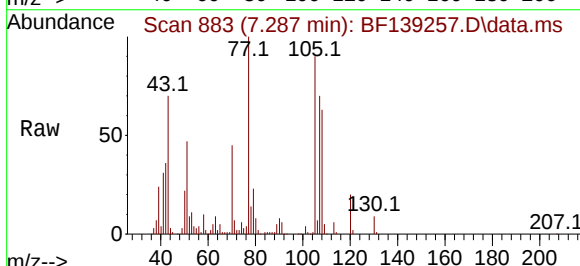
Ion Ratio Lower Upper

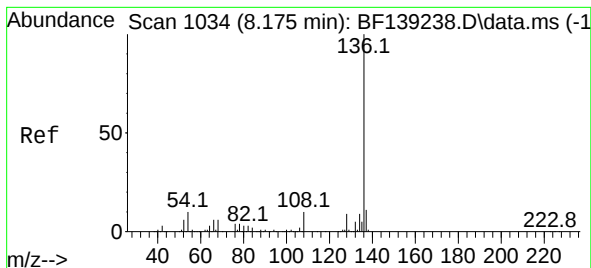
107 100

108 90.1 70.4 110.4

77 143.0 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: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:136 Resp: 404657

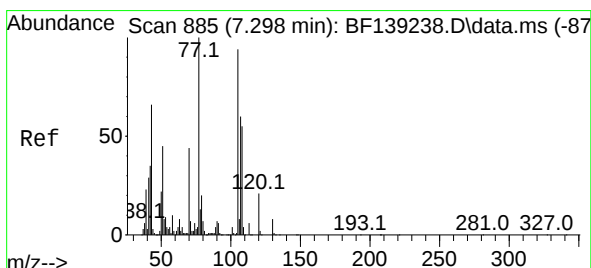
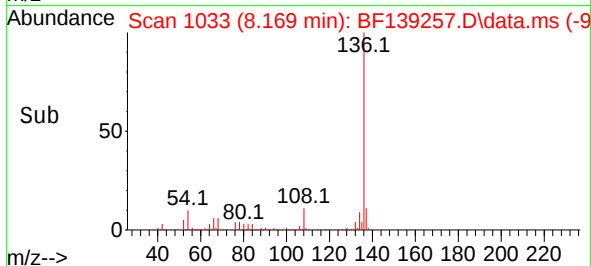
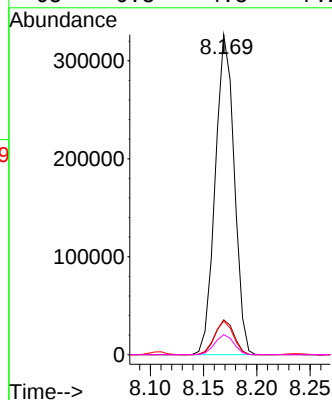
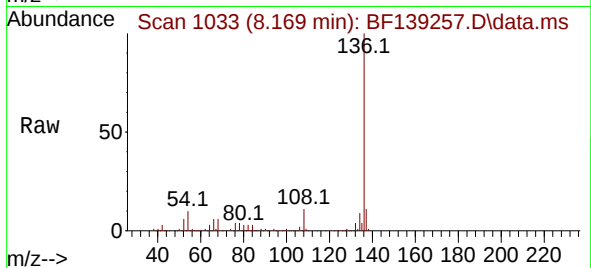
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 10.5 8.4 12.6

68 6.3 4.8 7.2



#22

Acetophenone

Concen: 10.446 ng

RT: 7.293 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Tgt Ion:105 Resp: 100707

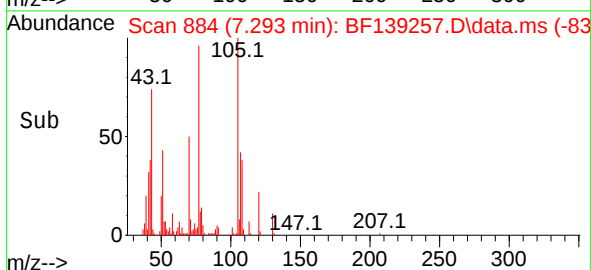
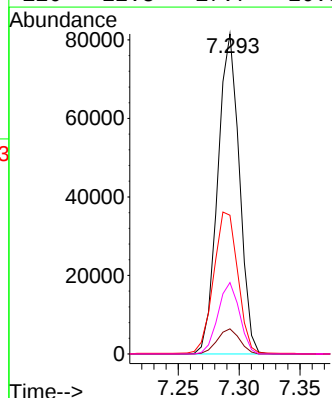
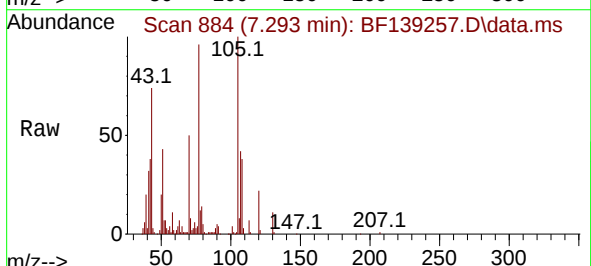
Ion Ratio Lower Upper

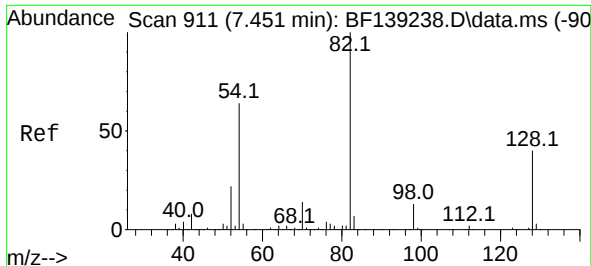
105 100

71 7.9 6.2 9.2

51 43.4 38.2 57.2

120 22.3 17.7 26.5





#23

Nitrobenzene-d5

Concen: 79.629 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

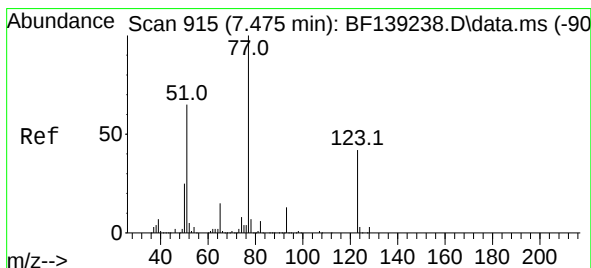
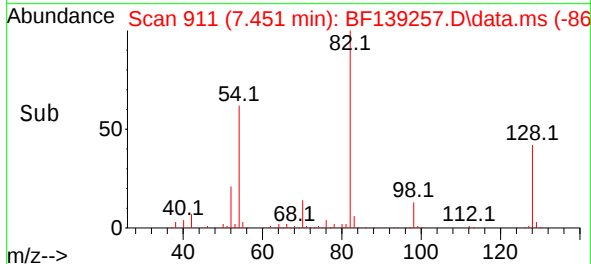
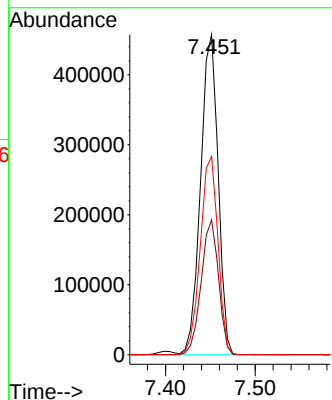
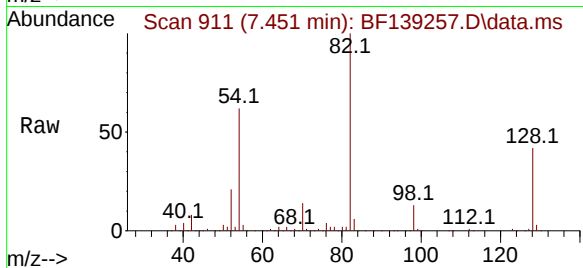
Tgt Ion: 82 Resp: 619391

Ion Ratio Lower Upper

82 100

128 42.1 32.3 48.5

54 62.0 51.2 76.8



#24

Nitrobenzene

Concen: 9.695 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

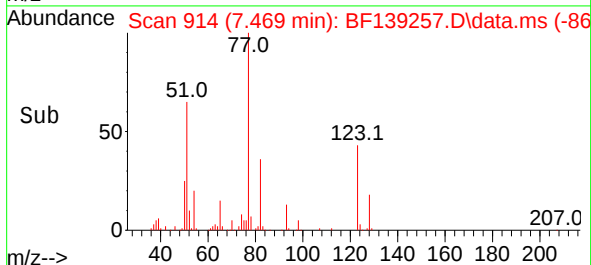
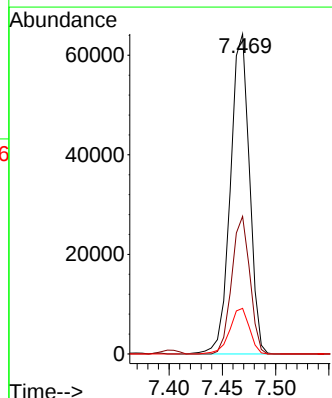
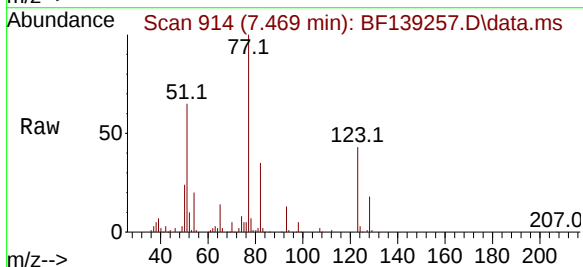
Tgt Ion: 77 Resp: 80040

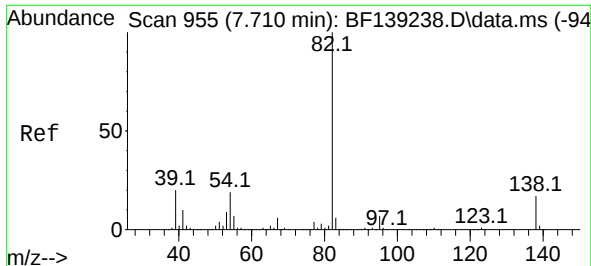
Ion Ratio Lower Upper

77 100

123 43.0 34.0 51.0

65 14.3 12.1 18.1

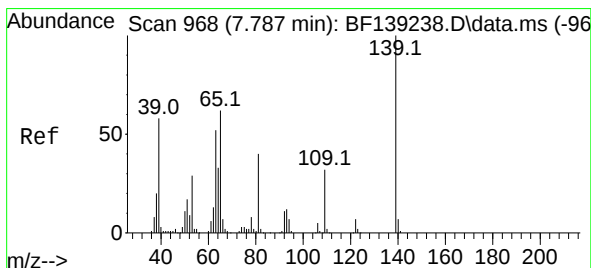
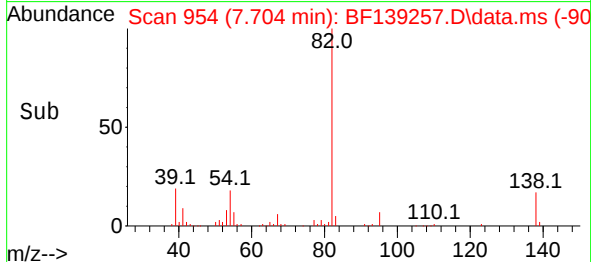
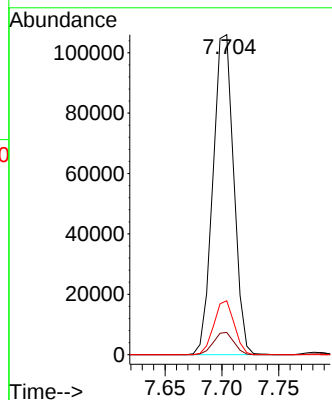
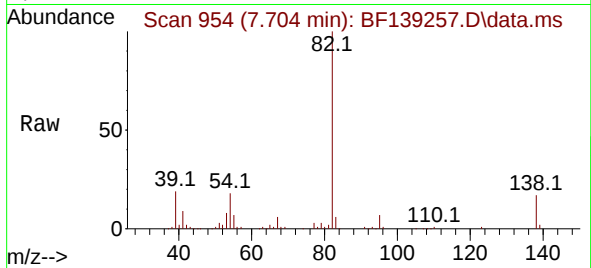




#25
Isophorone
Concen: 10.122 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

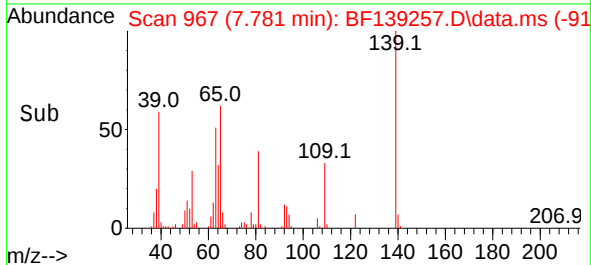
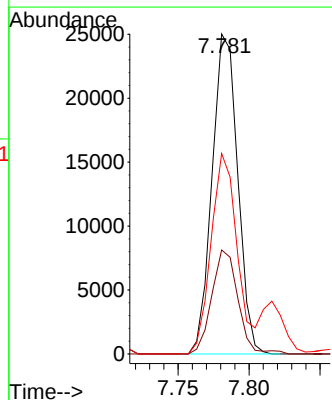
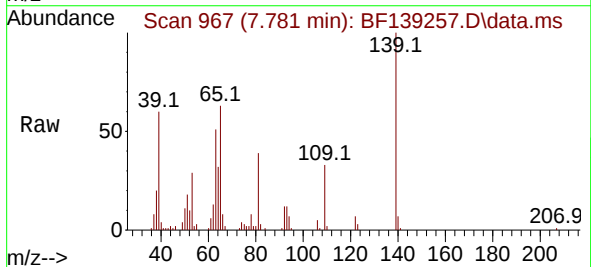
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

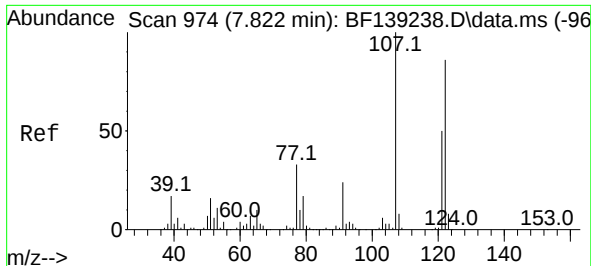
Tgt Ion: 82 Resp: 134611
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 16.8 13.4 20.0



#26
2-Nitrophenol
Concen: 9.671 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion:139 Resp: 31361
Ion Ratio Lower Upper
139 100
109 32.5 25.4 38.2
65 62.6 49.4 74.2

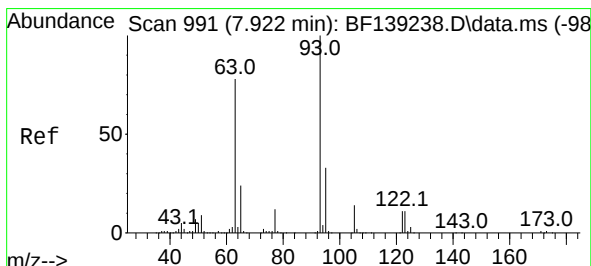
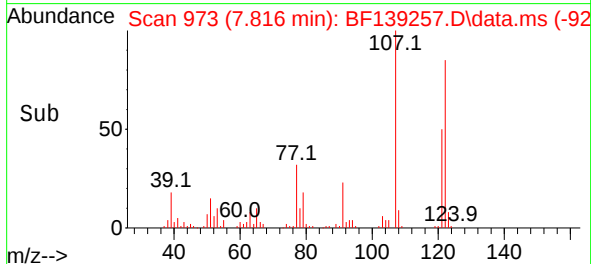
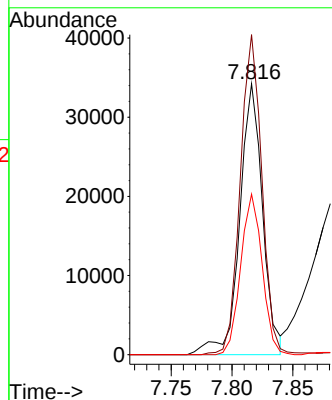
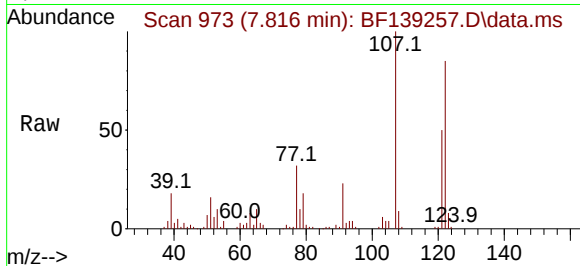




#27
2,4-Dimethylphenol
Concen: 9.683 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

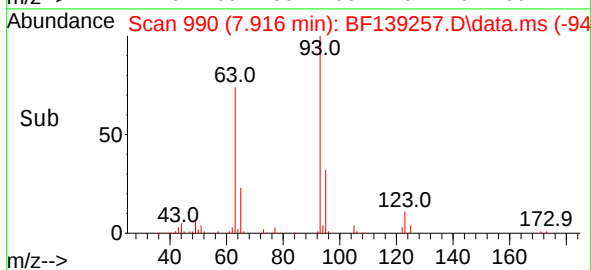
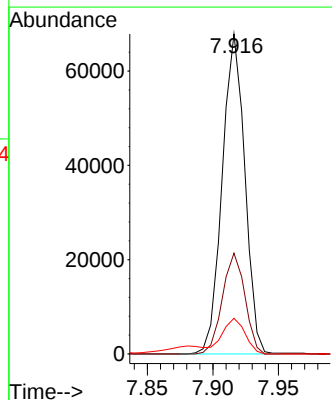
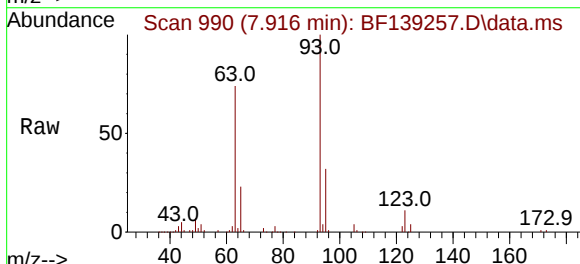
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

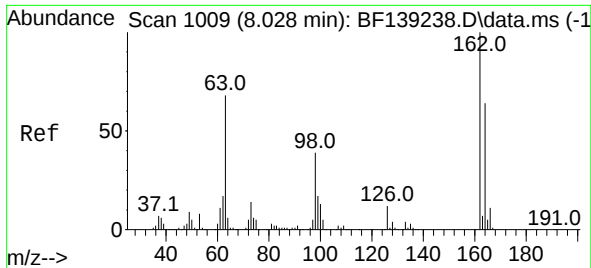
Tgt Ion:122 Resp: 44778
Ion Ratio Lower Upper
122 100
107 118.1 93.4 140.2
121 59.3 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 10.265 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion: 93 Resp: 81330
Ion Ratio Lower Upper
93 100
95 31.5 26.6 40.0
123 11.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 10.151 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

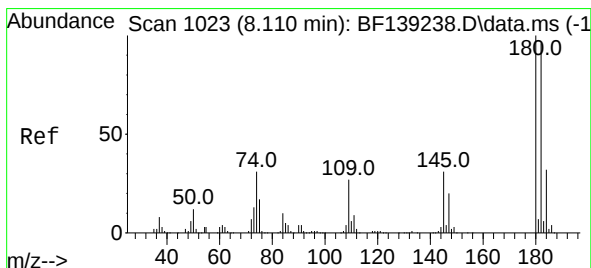
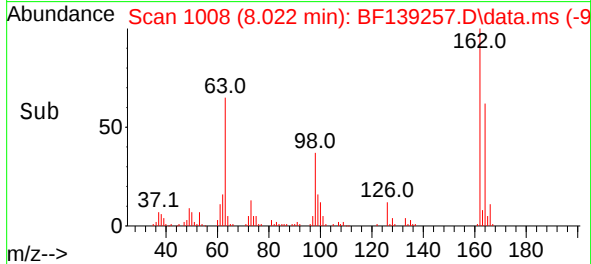
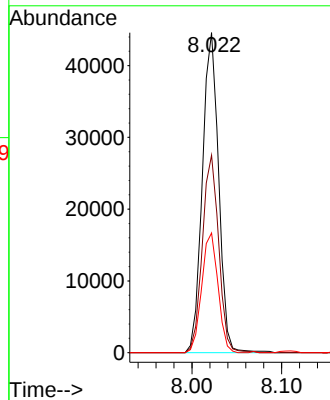
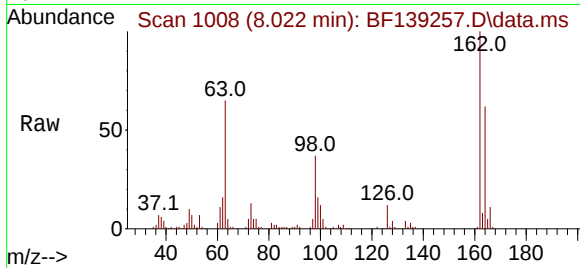
Tgt Ion:162 Resp: 56208

Ion Ratio Lower Upper

162 100

164 61.7 43.6 83.6

98 37.4 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 9.861 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

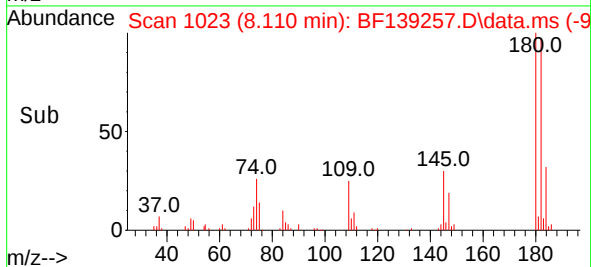
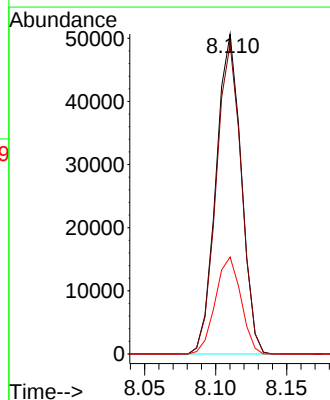
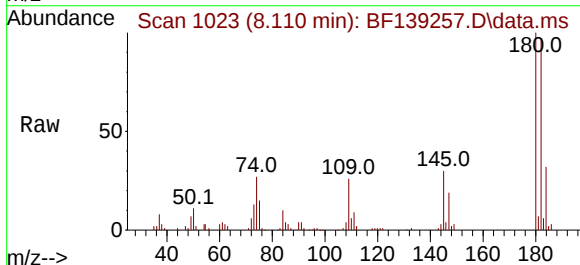
Tgt Ion:180 Resp: 62364

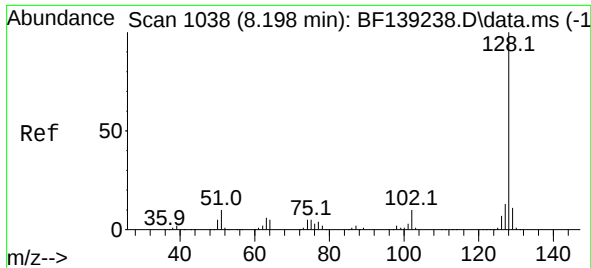
Ion Ratio Lower Upper

180 100

182 96.9 76.5 114.7

145 30.3 25.1 37.7

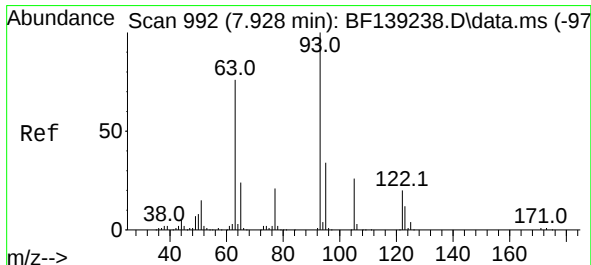
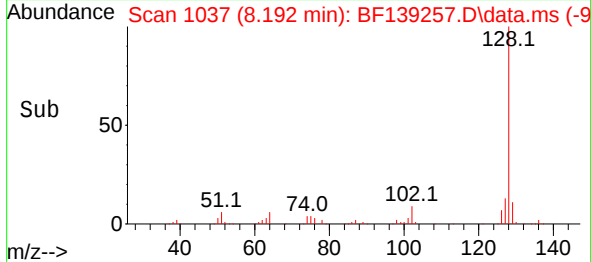
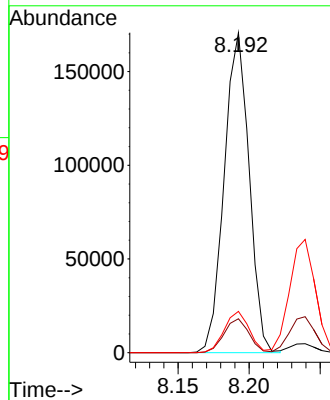
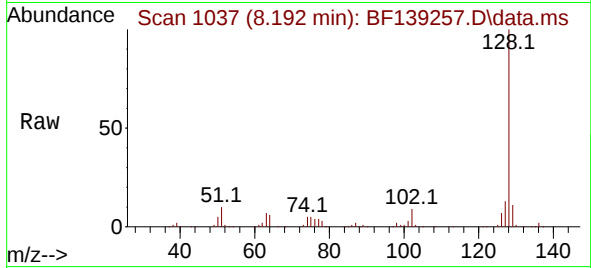




#31
Naphthalene
Concen: 10.166 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

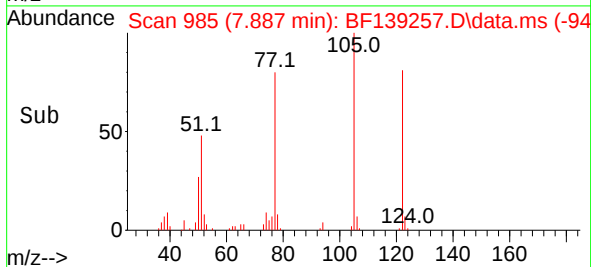
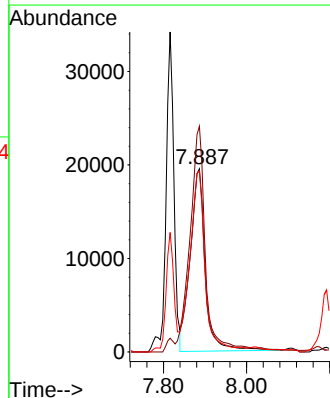
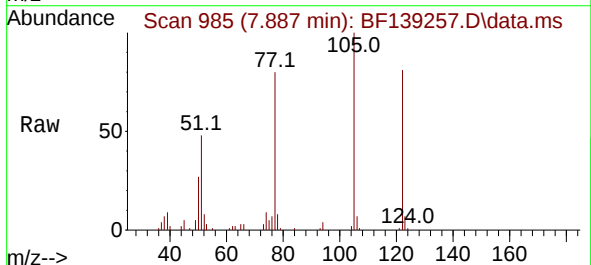
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

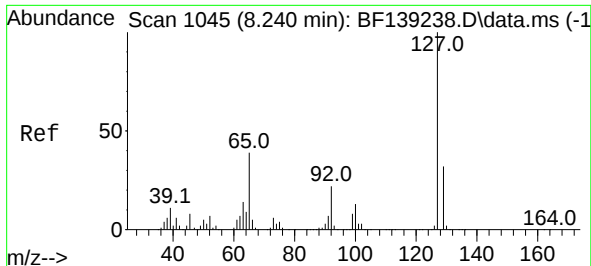
Tgt Ion:128 Resp: 208334
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 11.599 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.041 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion:122 Resp: 48860
Ion Ratio Lower Upper
122 100
105 123.2 106.3 146.3
77 98.7 84.1 124.1





#33

4-Chloroaniline

Concen: 10.941 ng

RT: 8.239 min Scan# 1045

Delta R.T. -0.000 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:127 Resp: 77635

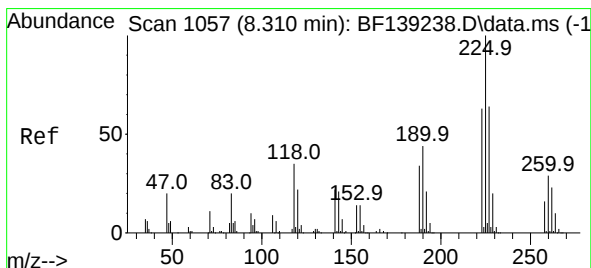
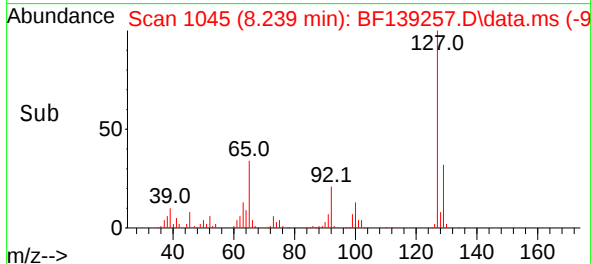
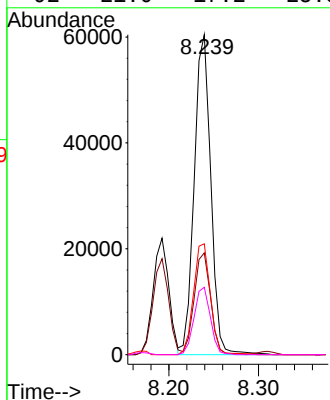
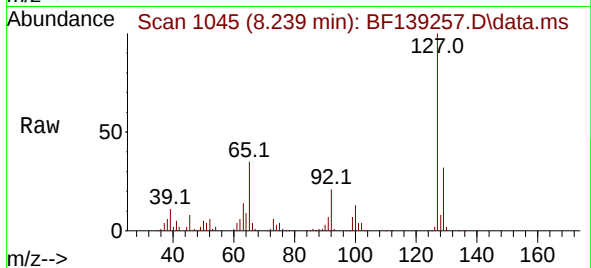
Ion Ratio Lower Upper

127 100

129 31.8 25.8 38.6

65 34.7 30.6 45.8

92 21.0 17.2 25.8



#34

Hexachlorobutadiene

Concen: 9.345 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.000 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

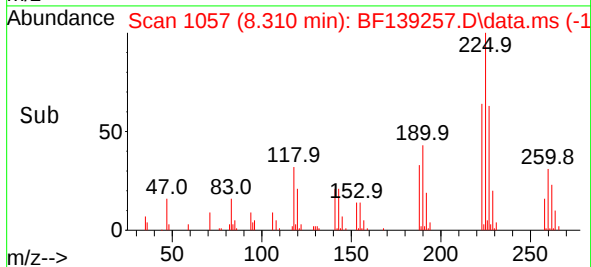
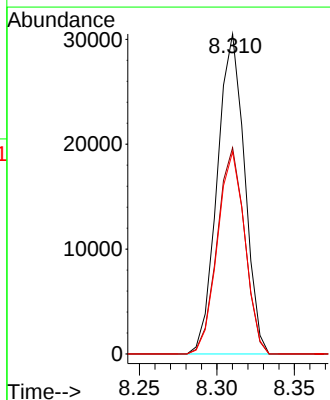
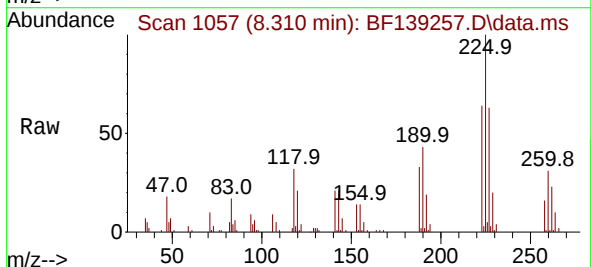
Tgt Ion:225 Resp: 37446

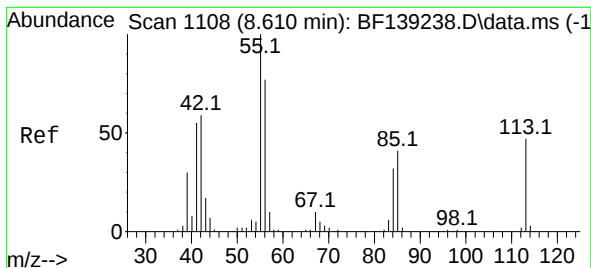
Ion Ratio Lower Upper

225 100

223 64.5 50.7 76.1

227 63.1 51.5 77.3





#35

Caprolactam

Concen: 9.372 ng

RT: 8.569 min Scan# 1108

Delta R.T. -0.041 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

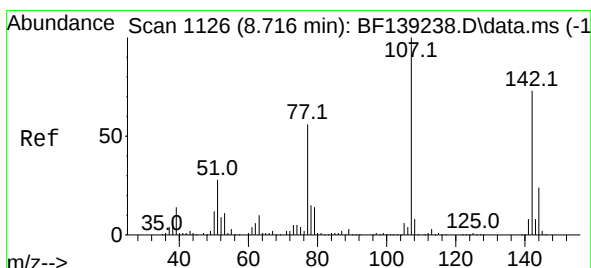
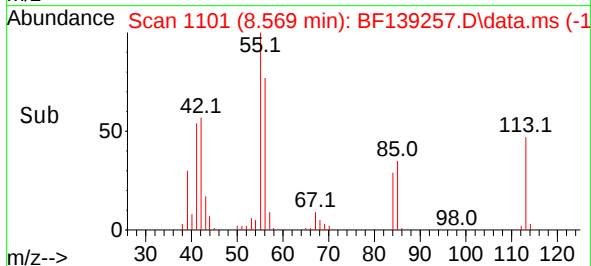
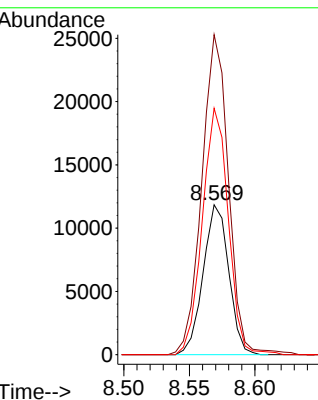
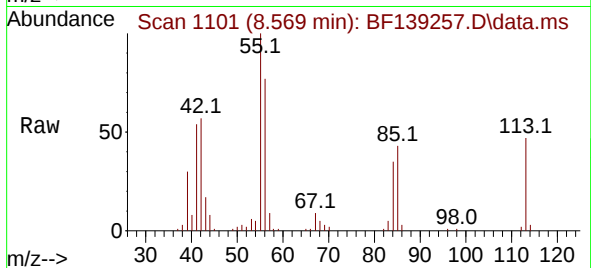
Tgt Ion:113 Resp: 16065

Ion Ratio Lower Upper

113 100

55 213.4 193.7 233.7

56 164.3 145.0 185.0



#36

4-Chloro-3-methylphenol

Concen: 9.873 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

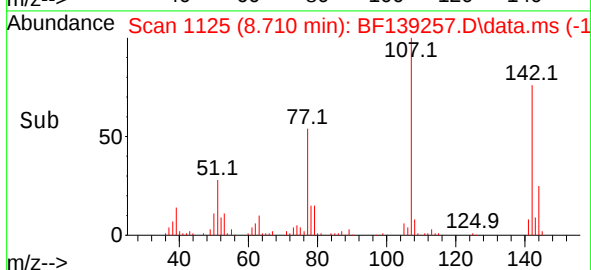
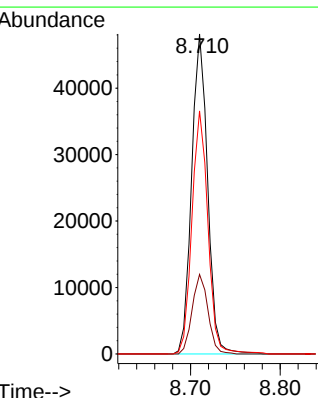
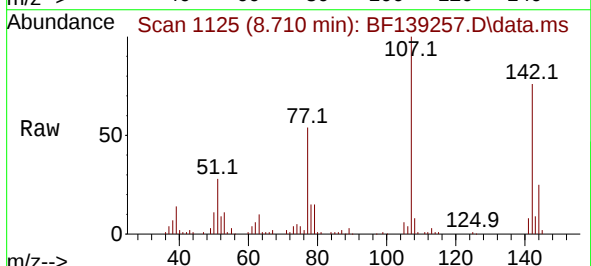
Tgt Ion:107 Resp: 59571

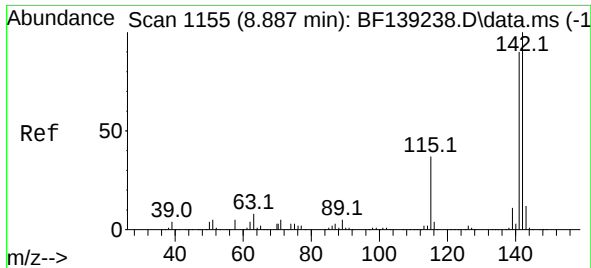
Ion Ratio Lower Upper

107 100

144 24.9 19.1 28.7

142 75.9 58.3 87.5





#37

2-Methylnaphthalene

Concen: 10.223 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

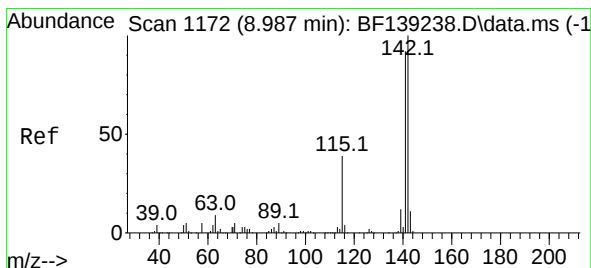
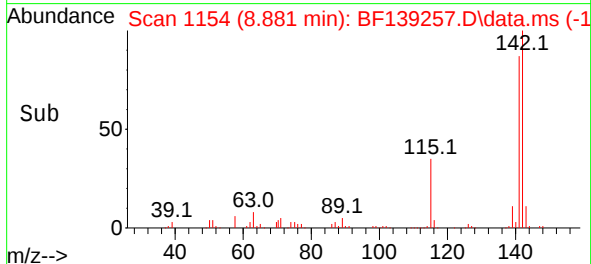
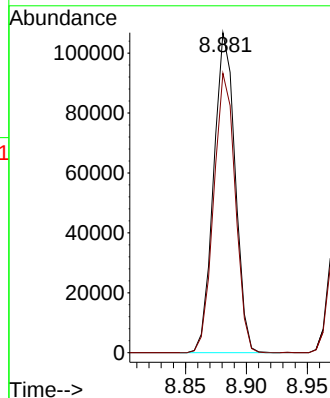
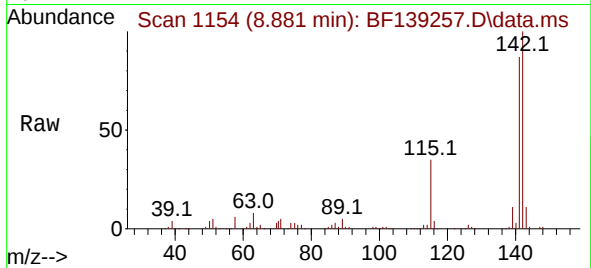
LOQ-WATER-02-QT2-2024

Tgt Ion:142 Resp: 131063

Ion Ratio Lower Upper

142 100

141 87.3 71.6 107.4



#38

1-Methylnaphthalene

Concen: 9.600 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF139257.D

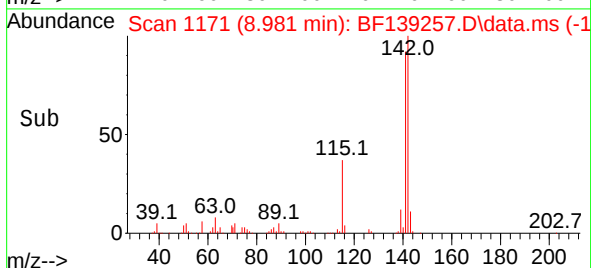
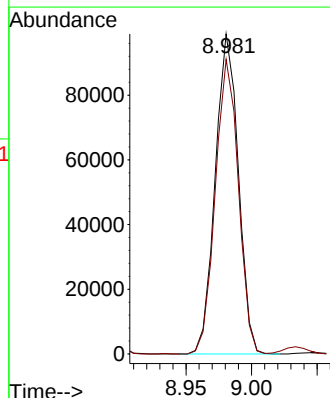
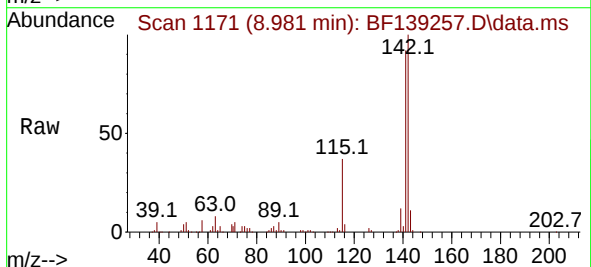
Acq: 05 Sep 2024 12:32

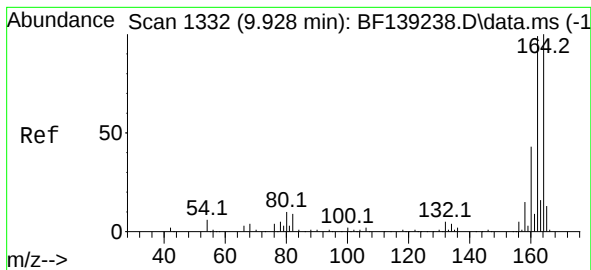
Tgt Ion:142 Resp: 121048

Ion Ratio Lower Upper

142 100

141 92.1 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: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

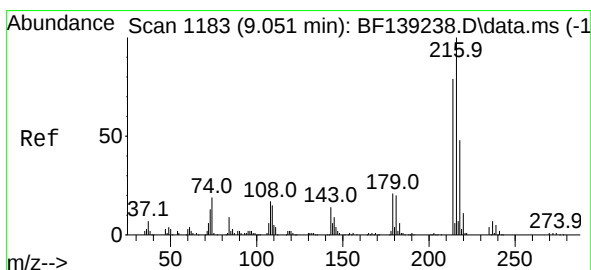
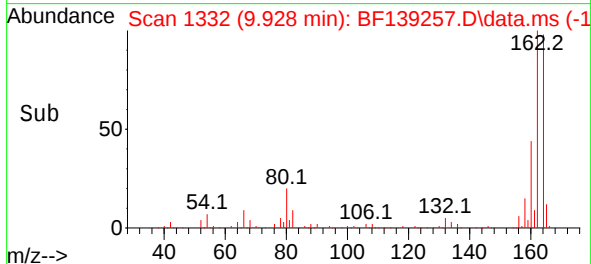
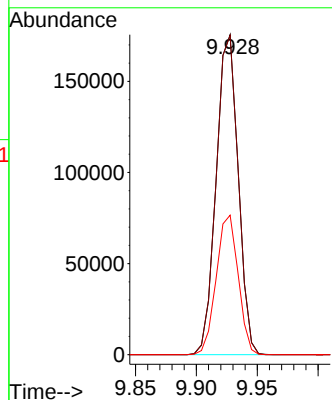
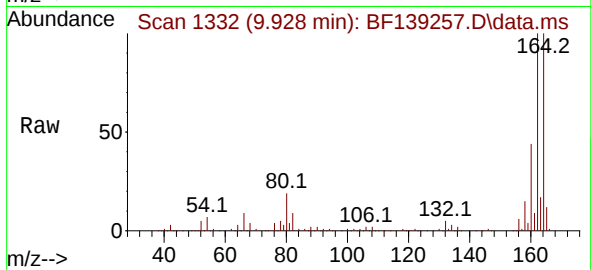
Tgt Ion:164 Resp: 220777

Ion Ratio Lower Upper

164 100

162 99.8 79.2 118.8

160 43.6 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.288 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Tgt Ion:216 Resp: 64261

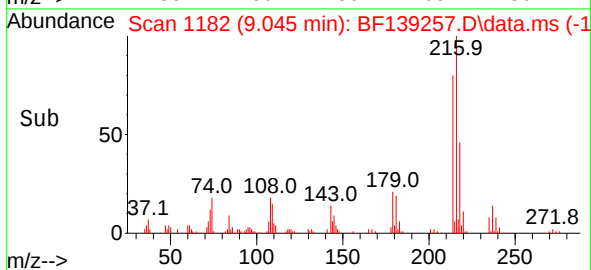
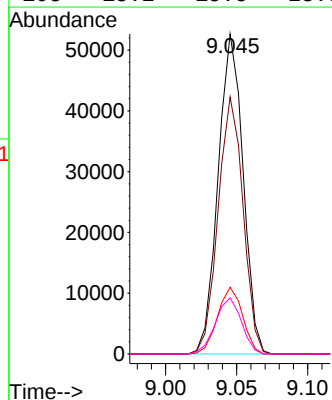
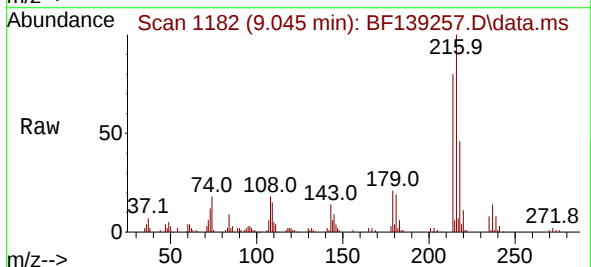
Ion Ratio Lower Upper

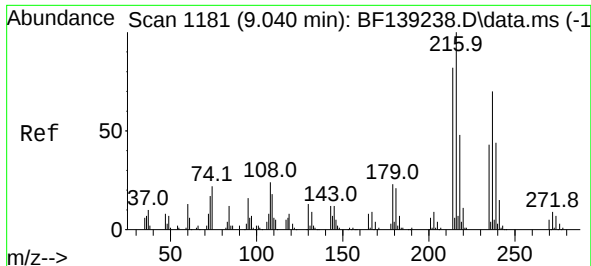
216 100

214 80.2 63.8 95.8

179 20.9 16.9 25.3

108 18.2 15.5 23.3

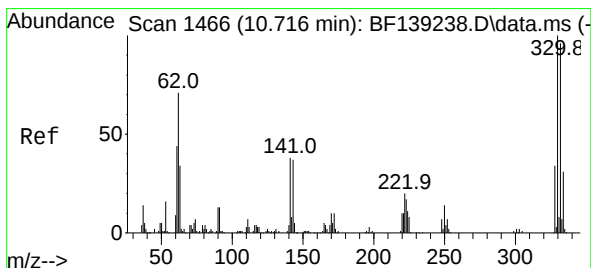
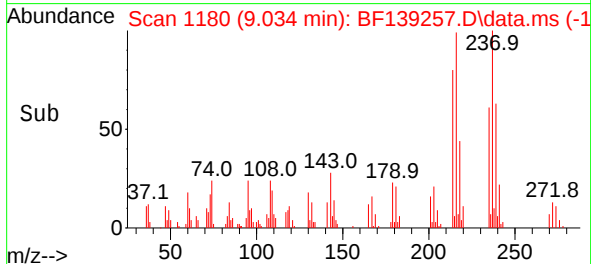
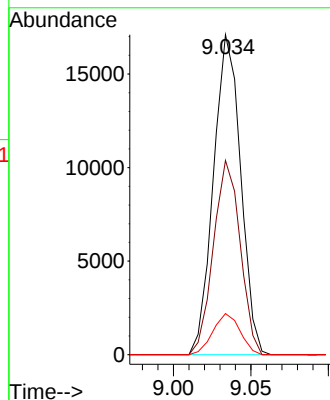
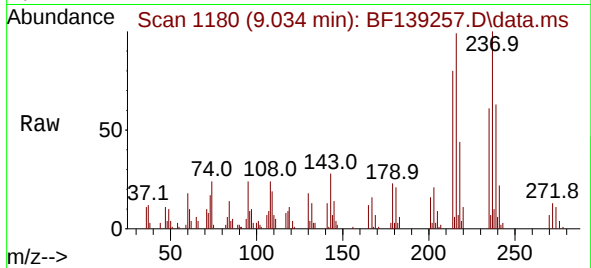




#41
Hexachlorocyclopentadiene
Concen: 10.395 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

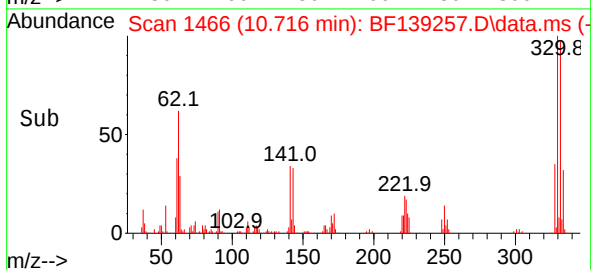
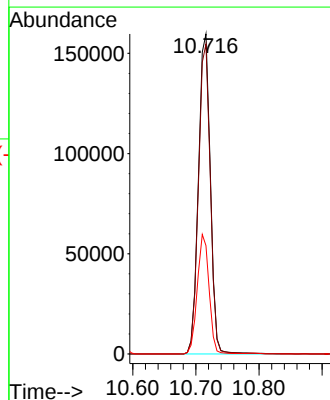
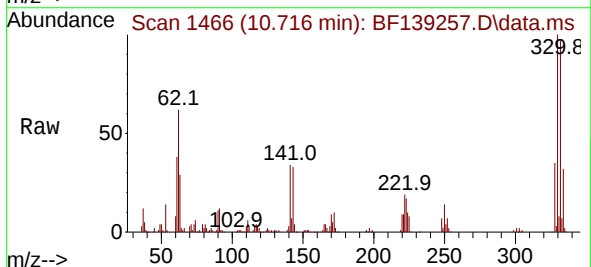
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

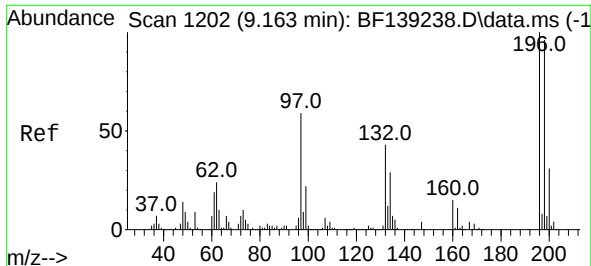
Tgt Ion:237 Resp: 20868
Ion Ratio Lower Upper
237 100
235 60.7 41.4 81.4
272 12.9 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 109.795 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion:330 Resp: 209318
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 36.8 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 9.660 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

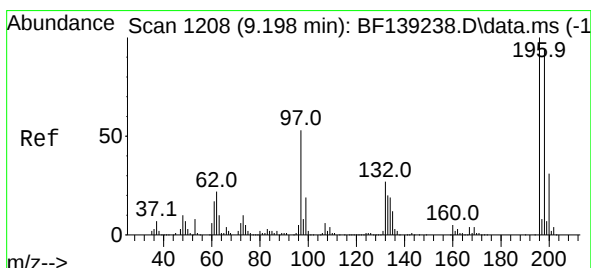
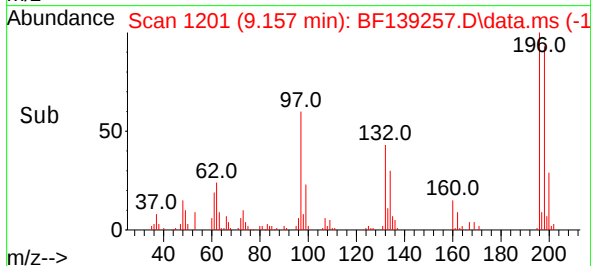
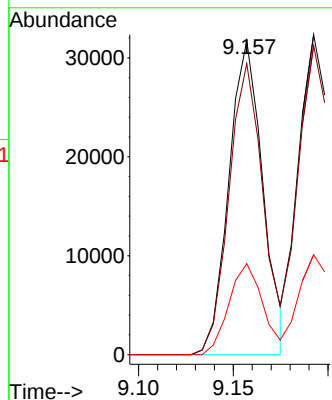
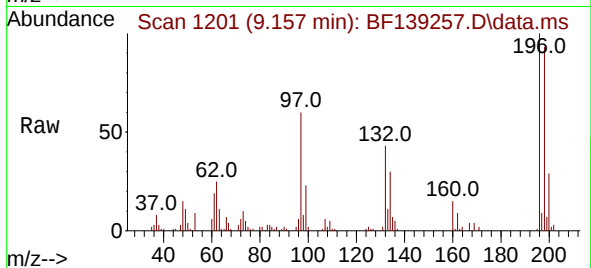
Tgt Ion:196 Resp: 39480

Ion Ratio Lower Upper

196 100

198 92.6 77.0 115.4

200 29.0 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 9.594 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Tgt Ion:196 Resp: 41087

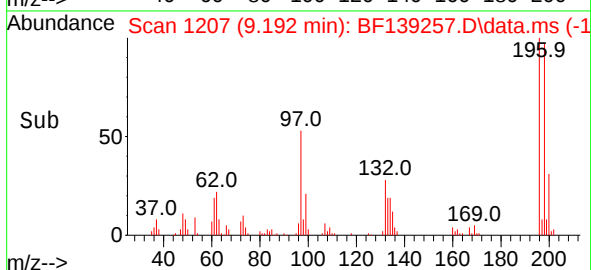
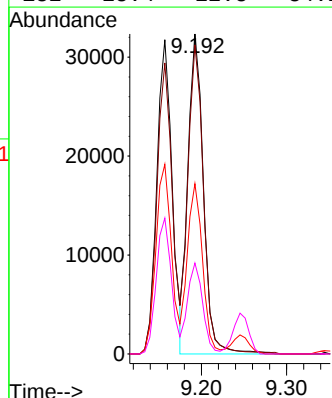
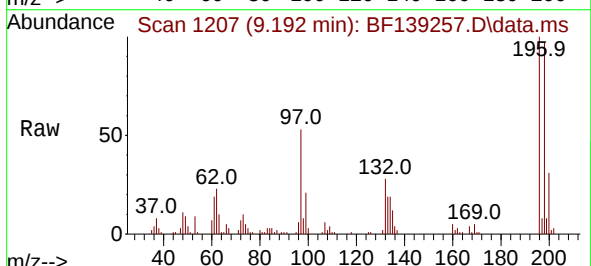
Ion Ratio Lower Upper

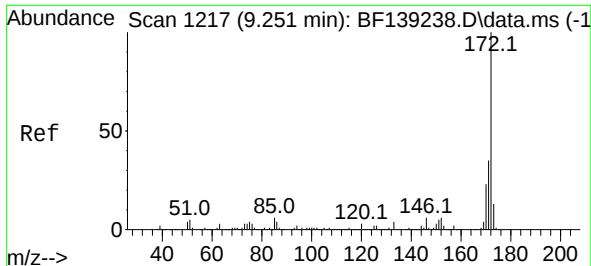
196 100

198 96.6 75.6 113.4

97 53.2 43.6 65.4

132 28.4 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 78.761 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

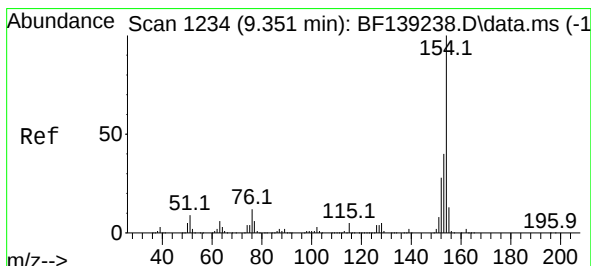
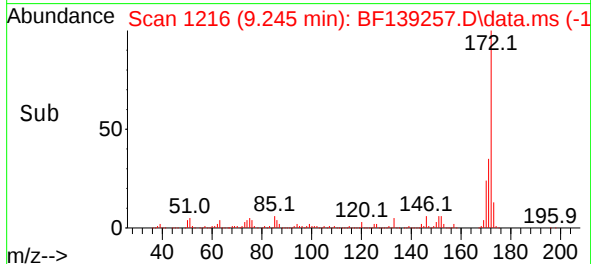
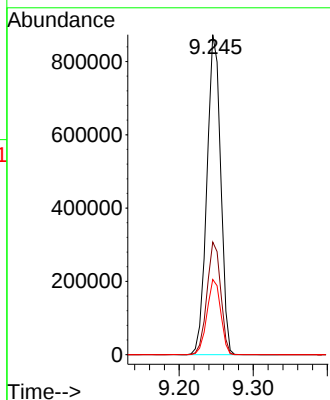
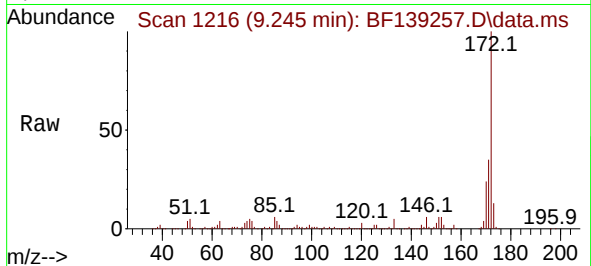
Tgt Ion:172 Resp: 1126465

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: 10.426 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

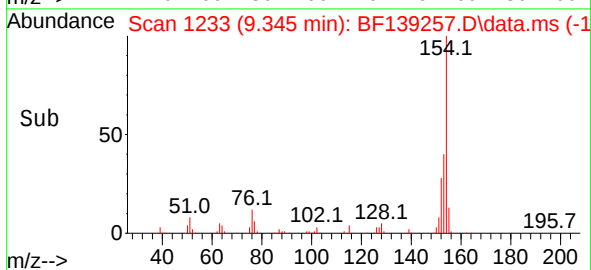
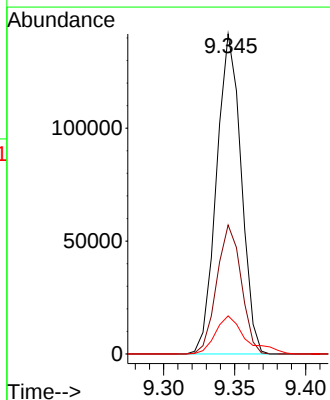
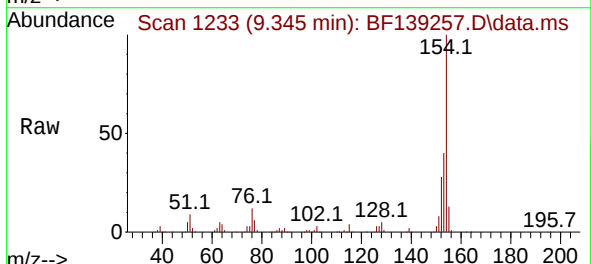
Tgt Ion:154 Resp: 170538

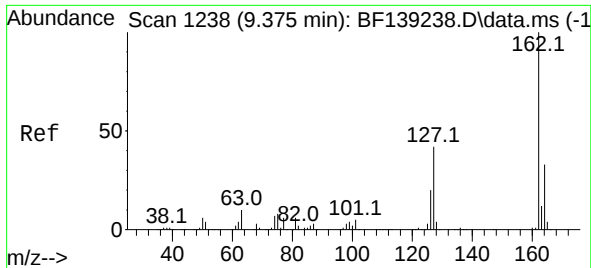
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 11.9 0.0 32.3





#47

2-Chloronaphthalene

Concen: 9.907 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

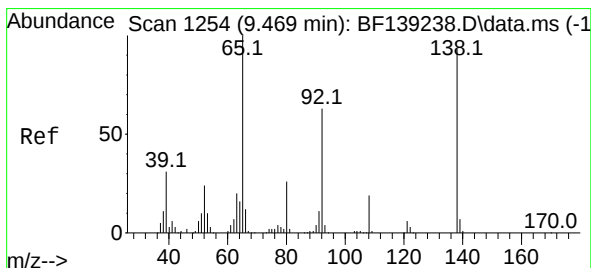
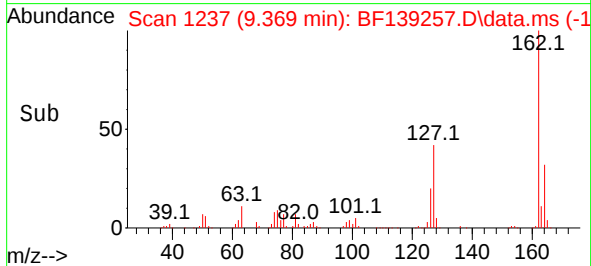
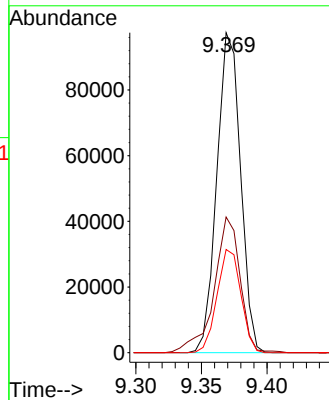
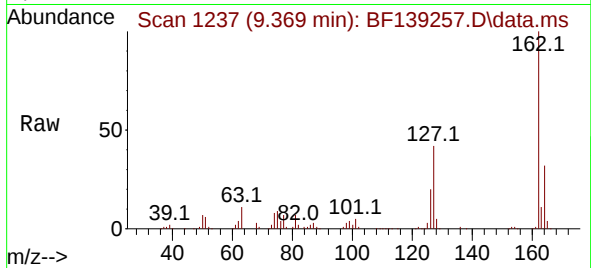
Tgt Ion:162 Resp: 122365

Ion Ratio Lower Upper

162 100

127 42.4 34.2 51.4

164 32.2 26.2 39.2



#48

2-Nitroaniline

Concen: 9.499 ng

RT: 9.463 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

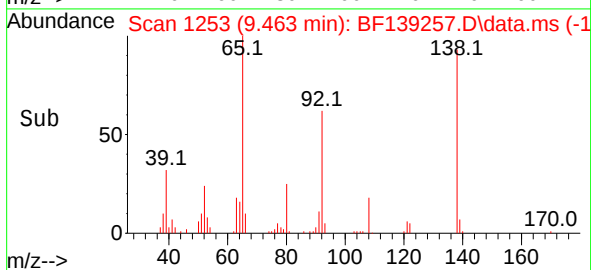
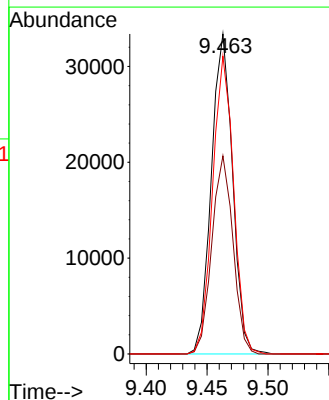
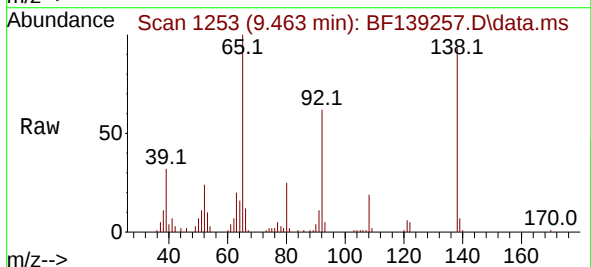
Tgt Ion: 65 Resp: 40410

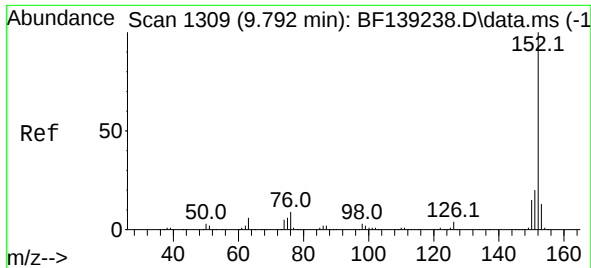
Ion Ratio Lower Upper

65 100

92 61.9 50.4 75.6

138 93.1 74.2 111.4





#49

Acenaphthylene

Concen: 10.986 ng

RT: 9.786 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

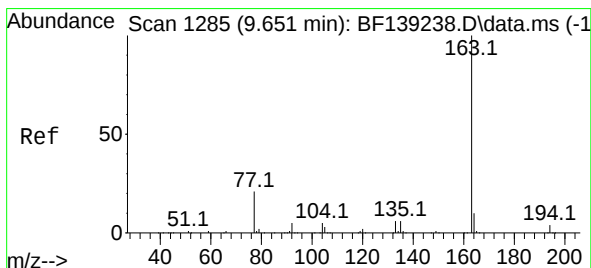
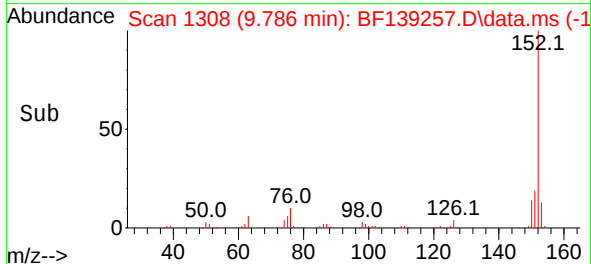
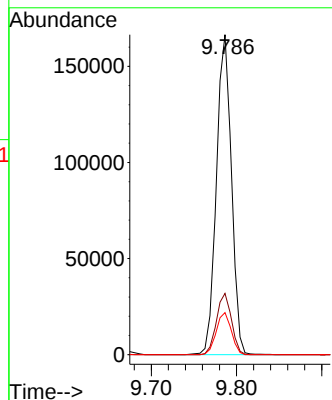
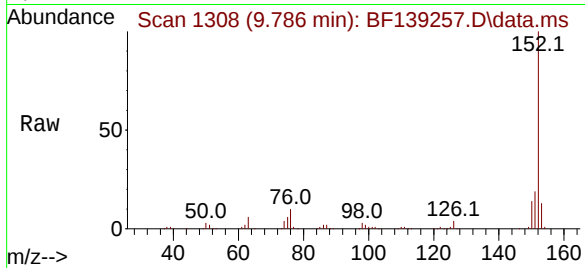
Tgt Ion:152 Resp: 204377

Ion Ratio Lower Upper

152 100

151 19.2 16.0 24.0

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 10.238 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

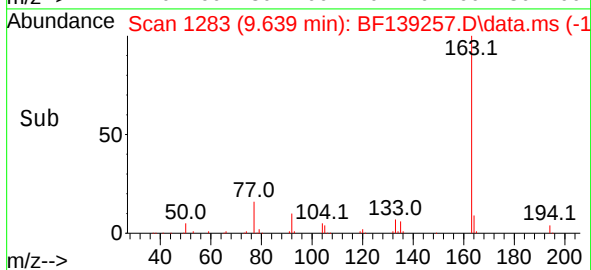
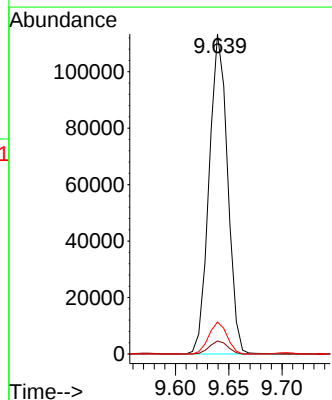
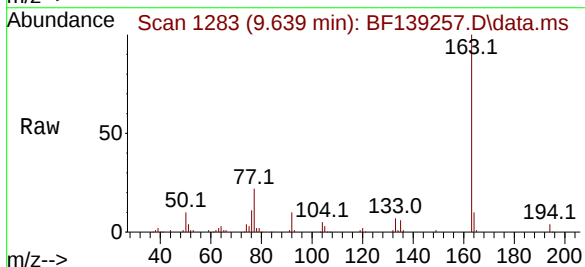
Tgt Ion:163 Resp: 137003

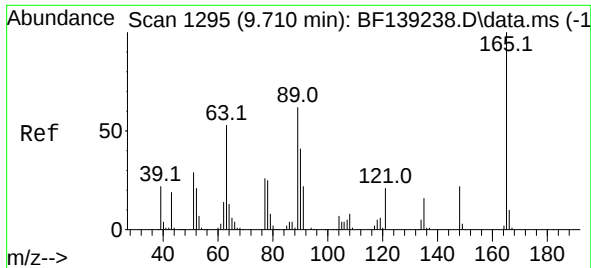
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.0 7.9 11.9

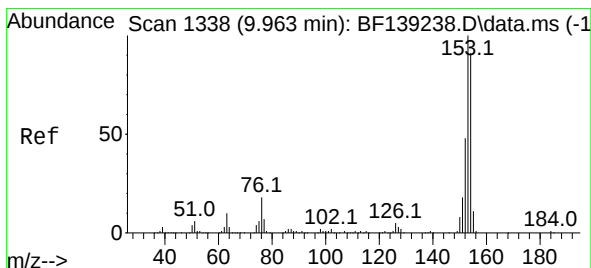
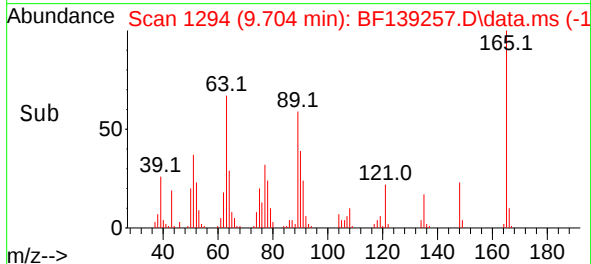
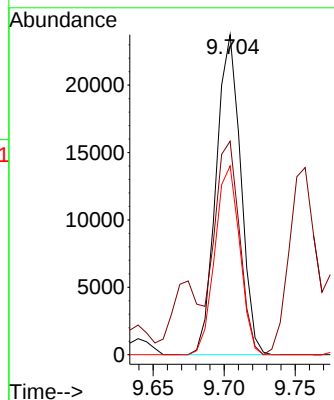
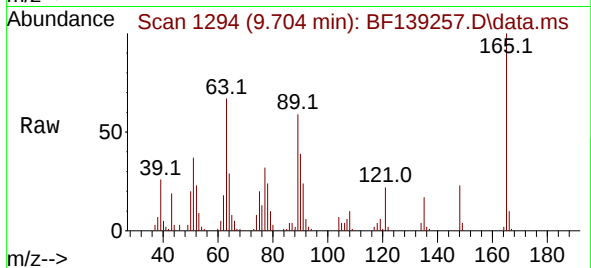




#51
2,6-Dinitrotoluene
Concen: 9.405 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

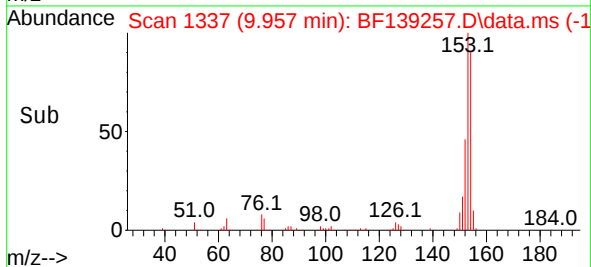
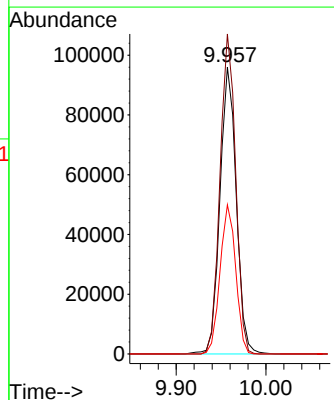
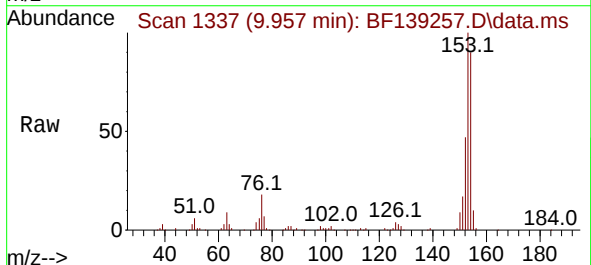
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

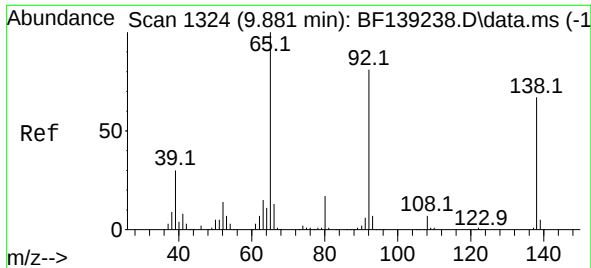
Tgt Ion:165 Resp: 28551
Ion Ratio Lower Upper
165 100
63 66.7 56.1 84.1
89 59.0 49.7 74.5



#52
Acenaphthene
Concen: 9.821 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion:154 Resp: 121178
Ion Ratio Lower Upper
154 100
153 111.5 87.8 131.6
152 52.0 41.7 62.5

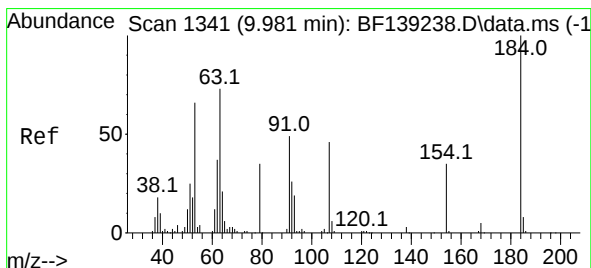
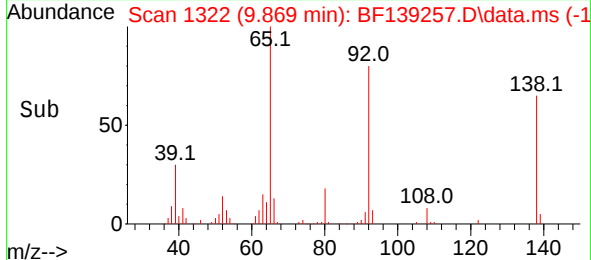
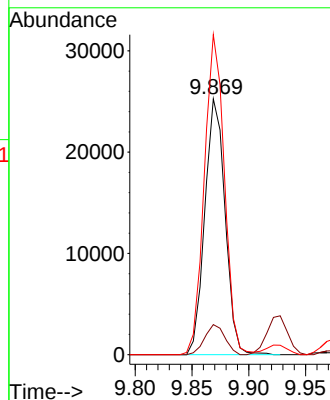
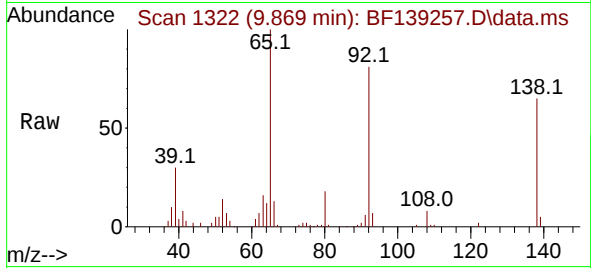




#53
3-Nitroaniline
Concen: 9.700 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

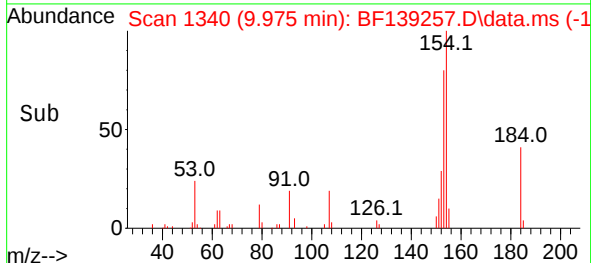
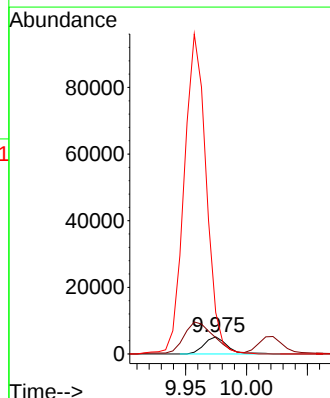
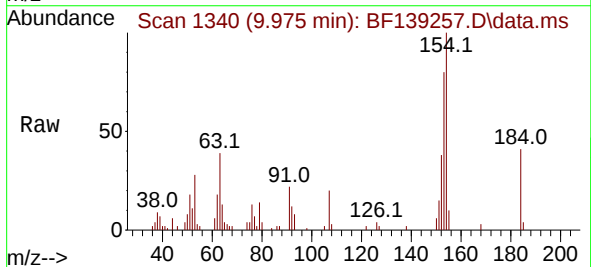
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

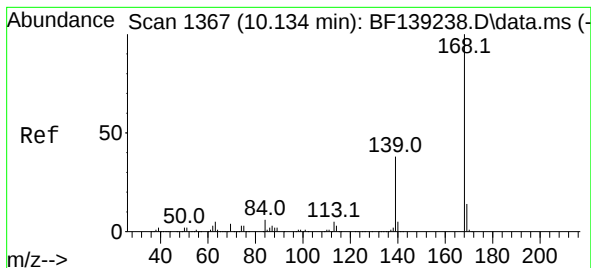
Tgt Ion:138 Resp: 31374
Ion Ratio Lower Upper
138 100
108 11.7 8.6 13.0
92 125.1 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 11.347 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion:184 Resp: 6709
Ion Ratio Lower Upper
184 100
63 95.0 66.4 99.6
154 241.6 97.0 145.6#





#55

Dibenzenofuran

Concen: 10.474 ng

RT: 10.128 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

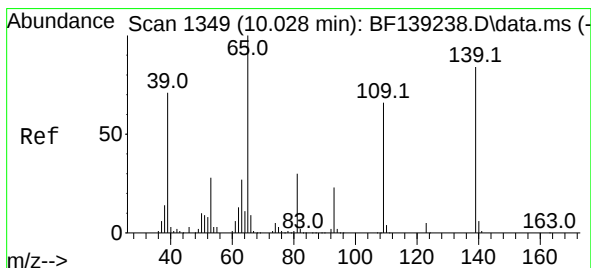
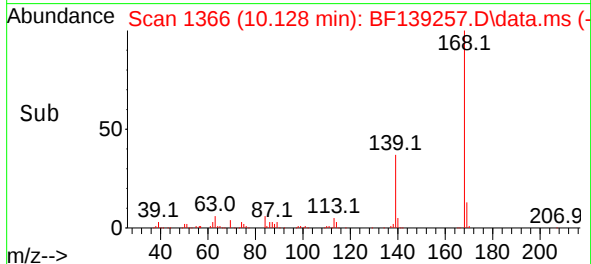
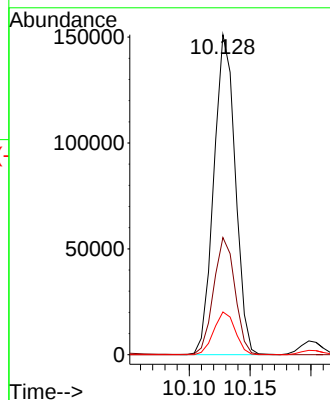
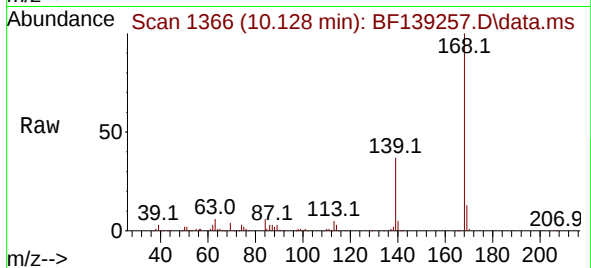
Tgt Ion:168 Resp: 185277

Ion Ratio Lower Upper

168 100

139 36.6 30.2 45.4

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 7.995 ng

RT: 10.022 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

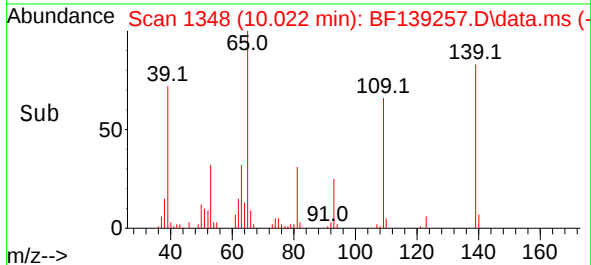
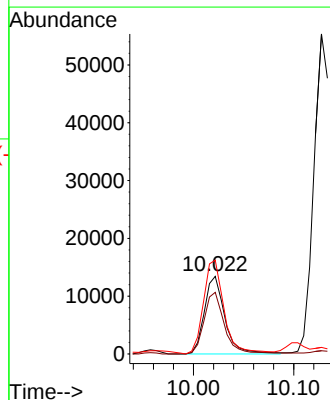
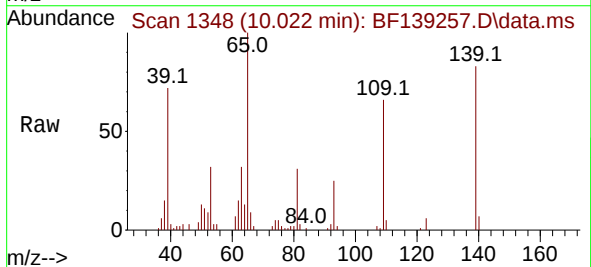
Tgt Ion:139 Resp: 19087

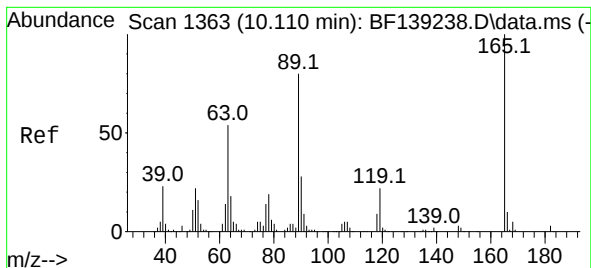
Ion Ratio Lower Upper

139 100

109 79.3 58.7 98.7

65 120.7 100.3 140.3





#57

2,4-Dinitrotoluene

Concen: 9.181 ng

RT: 10.104 min Scan# 1412

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:165 Resp: 35473

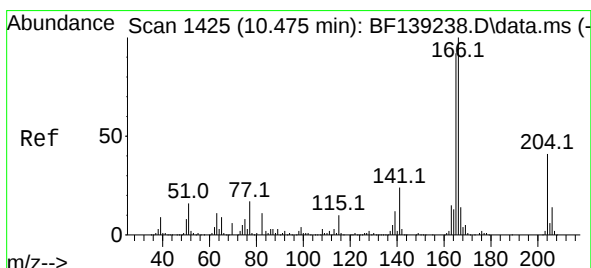
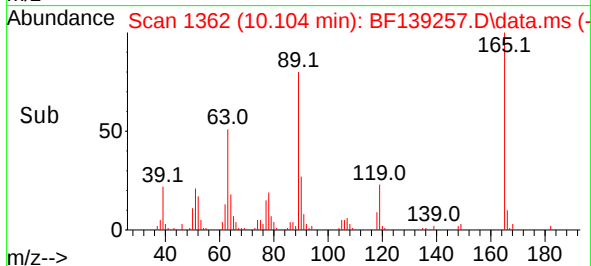
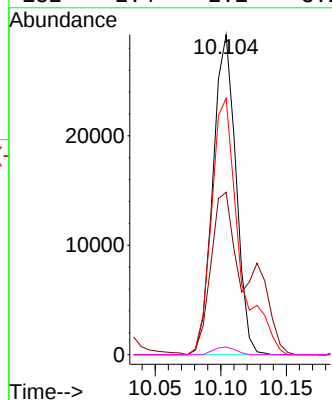
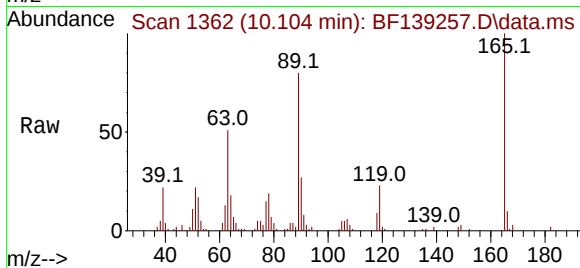
Ion Ratio Lower Upper

165 100

63 50.7 43.4 65.0

89 80.1 64.2 96.4

182 2.4 2.1 3.1



#58

Fluorene

Concen: 10.340 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

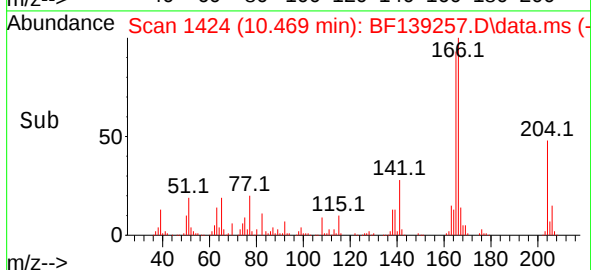
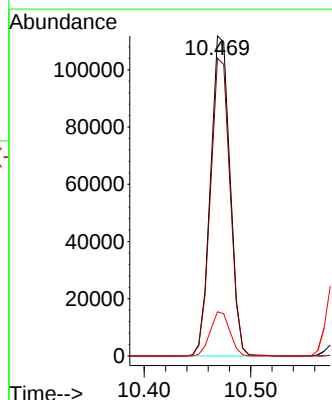
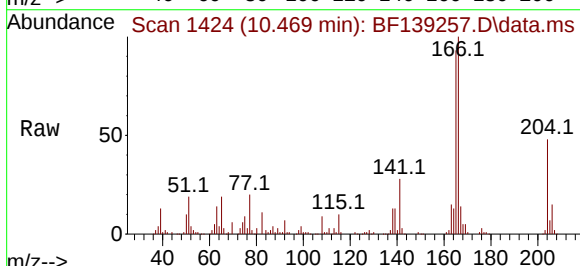
Tgt Ion:166 Resp: 141817

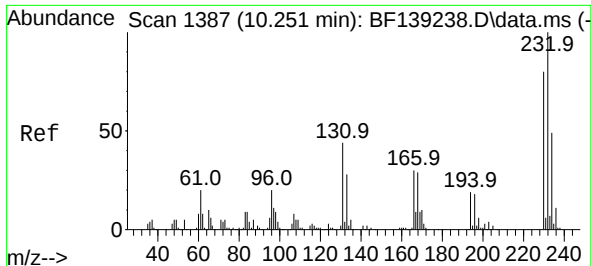
Ion Ratio Lower Upper

166 100

165 93.1 73.7 110.5

167 13.8 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.919 ng

RT: 10.245 min Scan# 1403

Delta R.T. -0.006 min

Lab File: BF139257.D

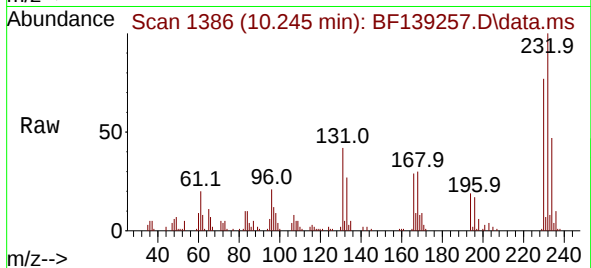
Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:232 Resp: 33439

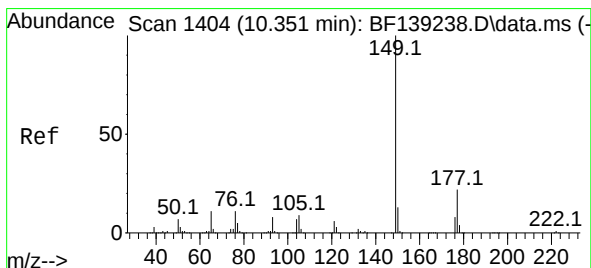
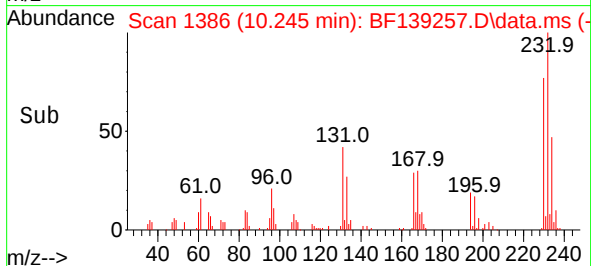
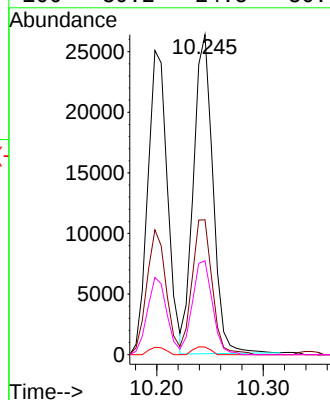
Ion Ratio Lower Upper

232 100

131 43.7 37.7 56.5

130 2.2 1.9 2.9

166 30.2 24.5 36.7



#60

Diethylphthalate

Concen: 10.046 ng

RT: 10.345 min Scan# 1403

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

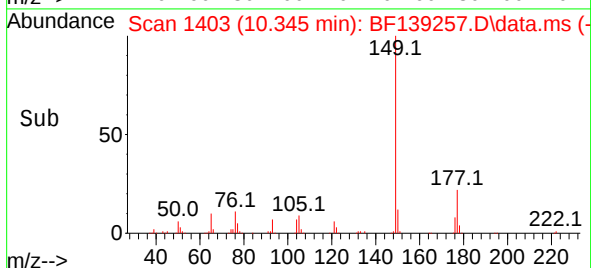
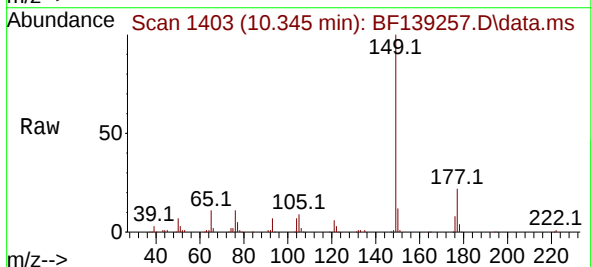
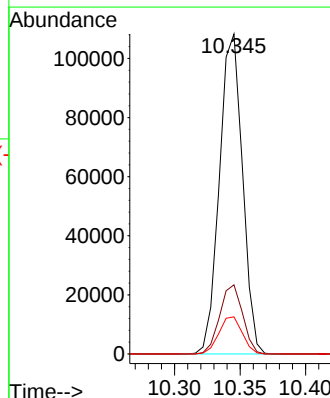
Tgt Ion:149 Resp: 132286

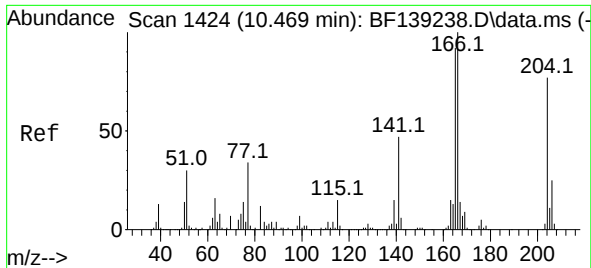
Ion Ratio Lower Upper

149 100

177 21.6 17.7 26.5

150 11.6 10.2 15.2

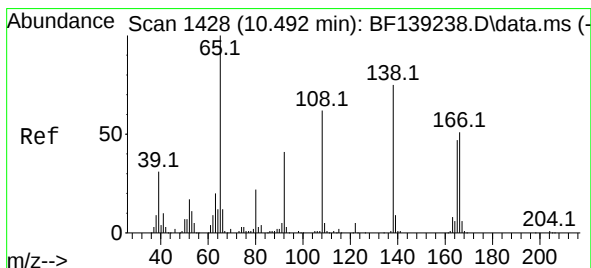
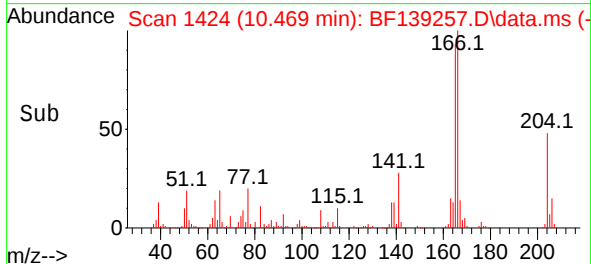
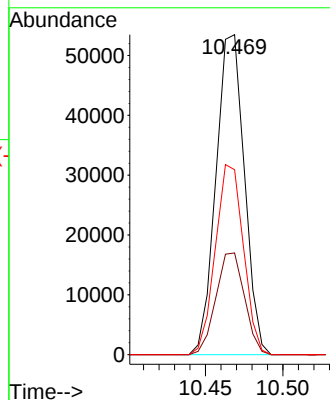
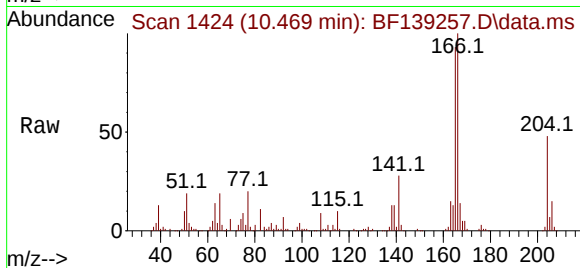




#61
4-Chlorophenyl-phenylether
Concen: 10.328 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

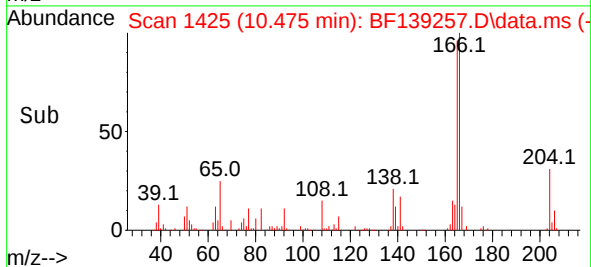
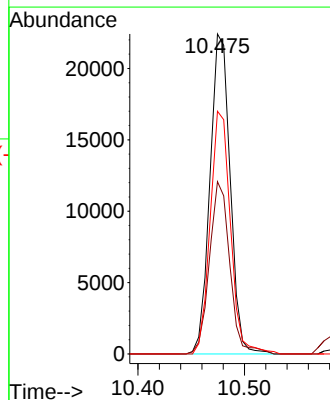
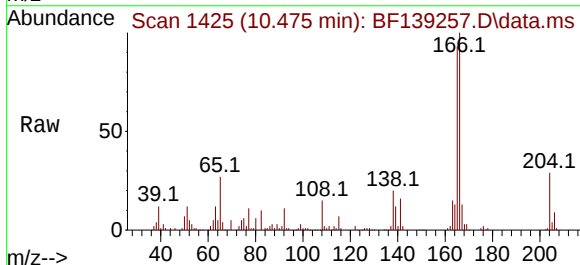
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

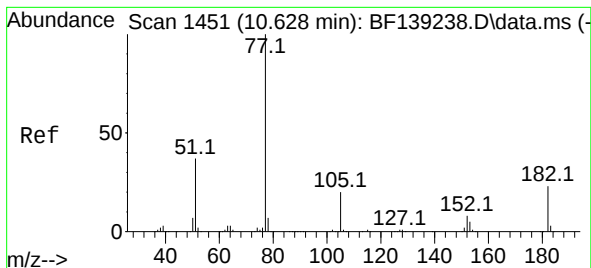
Tgt Ion:204 Resp: 68310
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.8
141 57.8 48.6 72.8



#62
4-Nitroaniline
Concen: 9.557 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion:138 Resp: 29425
Ion Ratio Lower Upper
138 100
92 53.8 34.4 74.4
108 75.8 62.7 102.7





#63

Azobenzene

Concen: 10.282 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 77 Resp: 142707

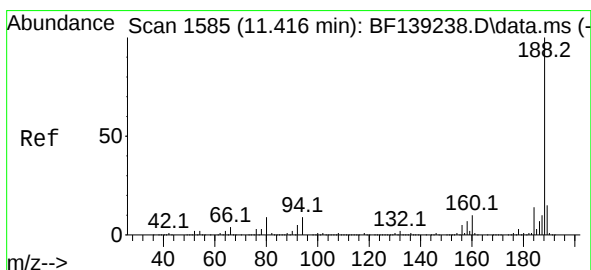
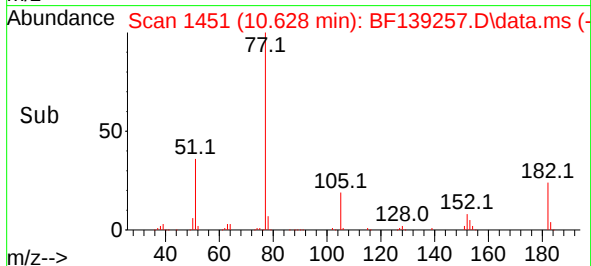
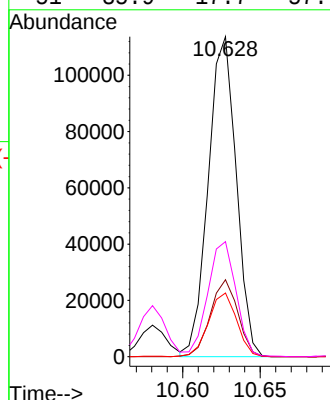
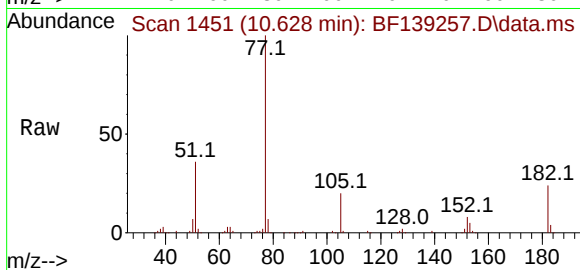
Ion Ratio Lower Upper

77 100

182 24.1 3.0 43.0

105 19.9 0.0 39.4

51 35.9 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: BF139257.D

Acq: 05 Sep 2024 12:32

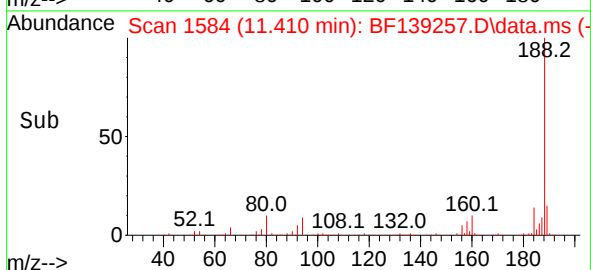
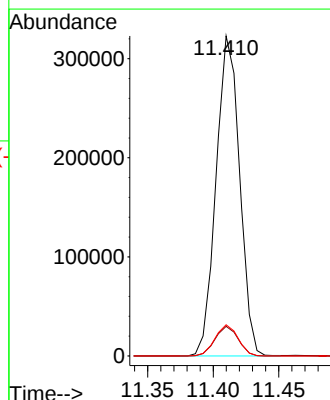
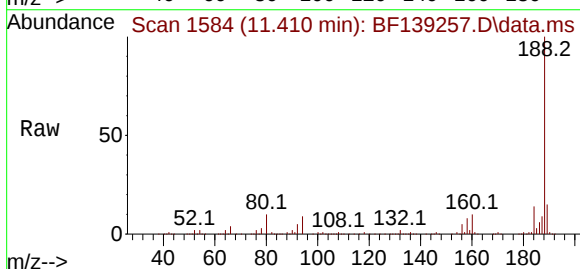
Tgt Ion: 188 Resp: 402790

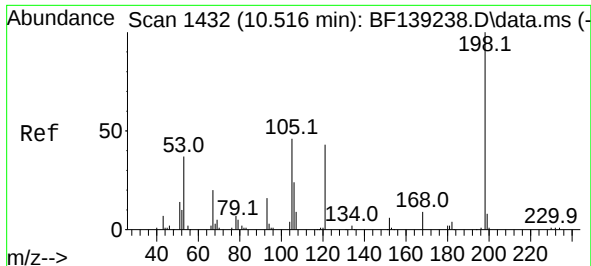
Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 9.7 7.3 10.9





#65

4,6-Dinitro-2-methylphenol

Concen: 8.778 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

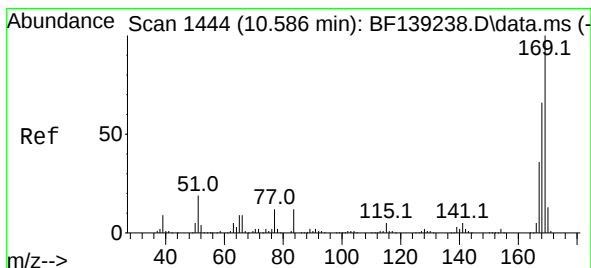
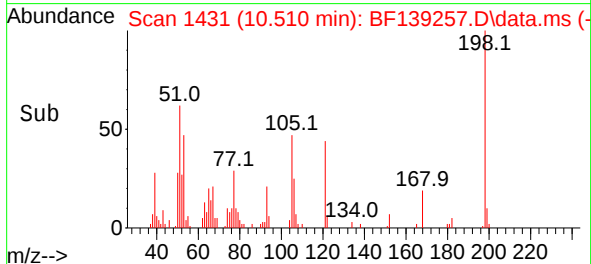
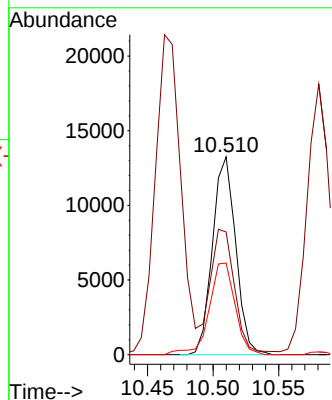
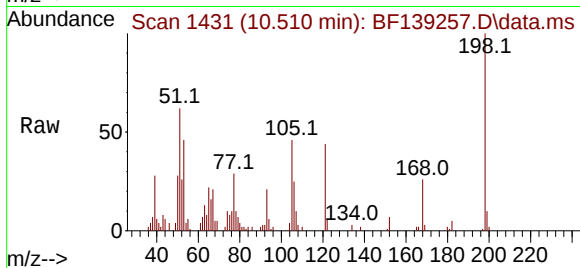
Tgt Ion:198 Resp: 16337

Ion Ratio Lower Upper

198 100

51 62.1 47.2 87.2

105 46.3 27.1 67.1



#66

n-Nitrosodiphenylamine

Concen: 10.250 ng

RT: 10.581 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

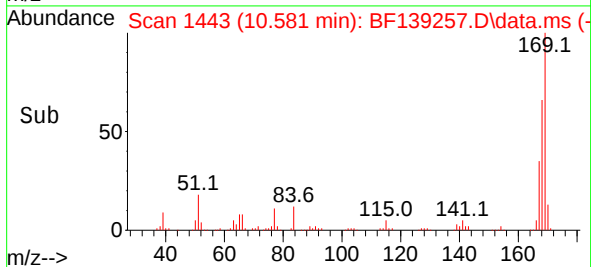
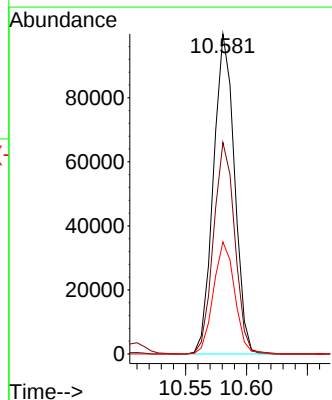
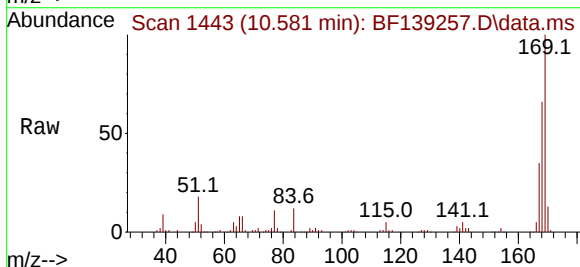
Tgt Ion:169 Resp: 120176

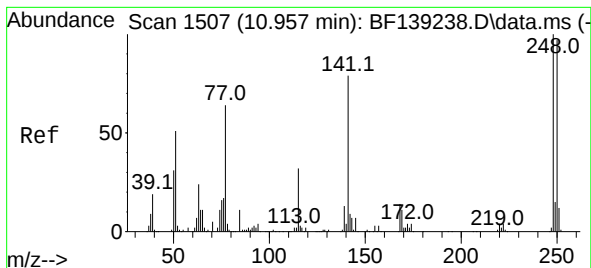
Ion Ratio Lower Upper

169 100

168 66.1 53.0 79.6

167 35.0 29.0 43.6

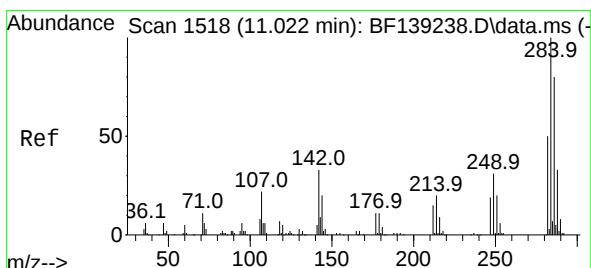
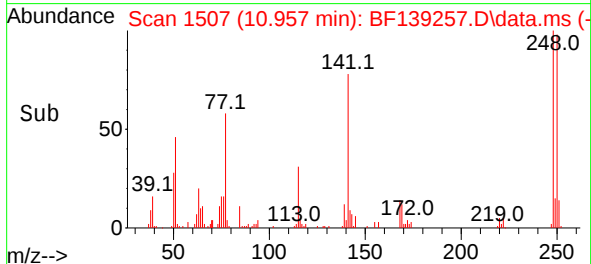
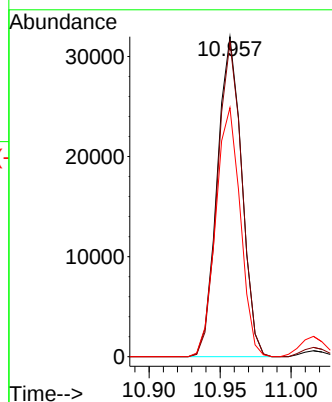
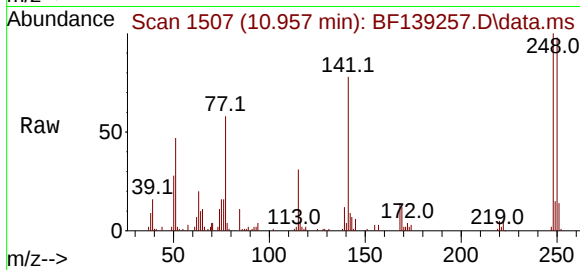




#67
4-Bromophenyl-phenylether
Concen: 9.815 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

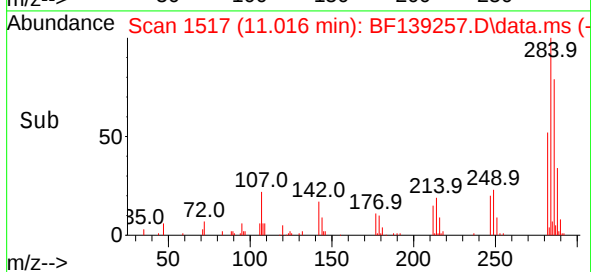
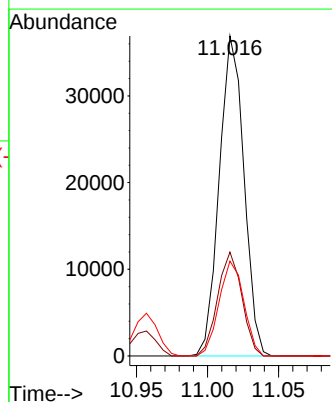
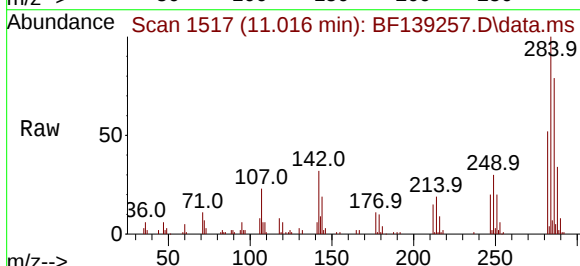
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

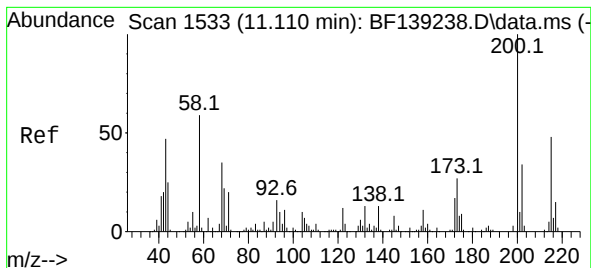
Tgt Ion:248 Resp: 38356
Ion Ratio Lower Upper
248 100
250 98.2 77.2 115.8
141 77.8 63.6 95.4



#68
Hexachlorobenzene
Concen: 9.962 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion:284 Resp: 44566
Ion Ratio Lower Upper
284 100
142 32.4 26.5 39.7
249 29.6 24.8 37.2





#69

Atrazine

Concen: 12.833 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

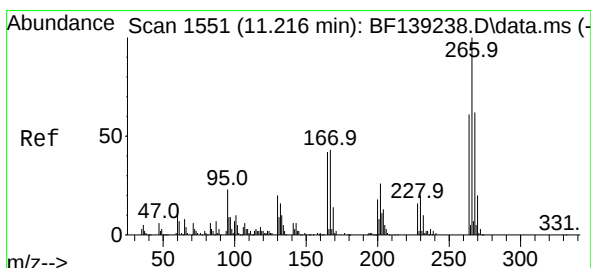
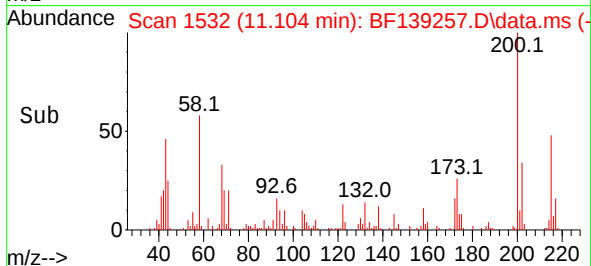
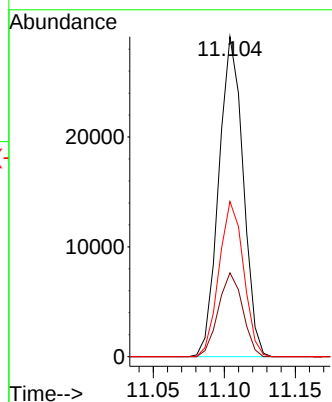
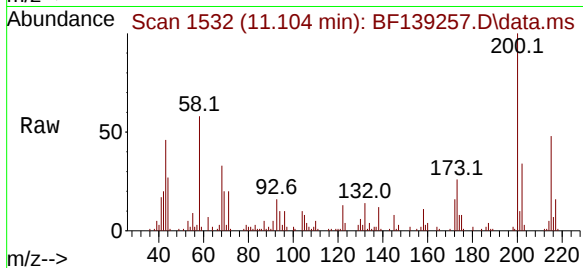
Tgt Ion:200 Resp: 34713

Ion Ratio Lower Upper

200 100

173 26.2 7.1 47.1

215 48.5 28.5 68.5



#70

Pentachlorophenol

Concen: 13.644 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

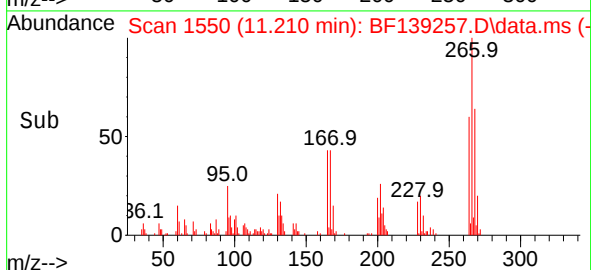
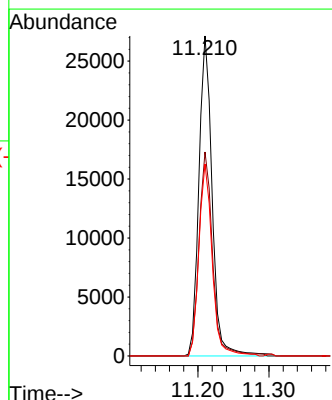
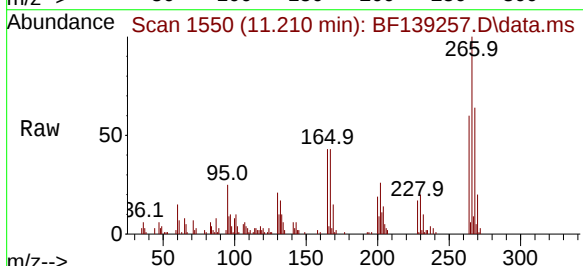
Tgt Ion:266 Resp: 35261

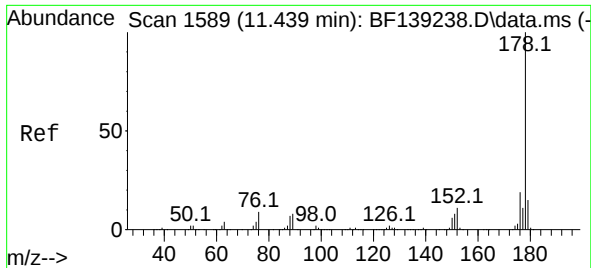
Ion Ratio Lower Upper

266 100

268 63.7 49.7 74.5

264 60.0 49.2 73.8

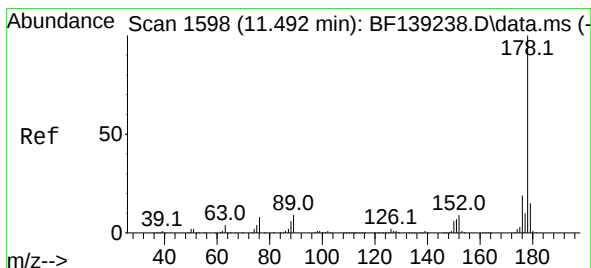
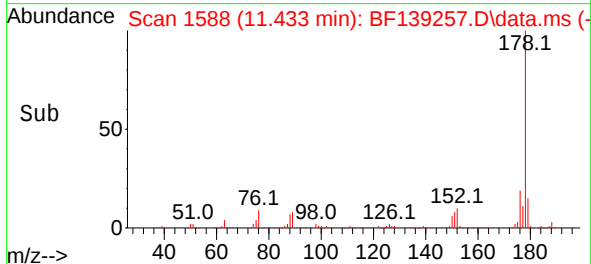
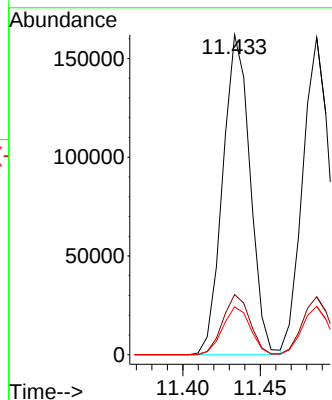
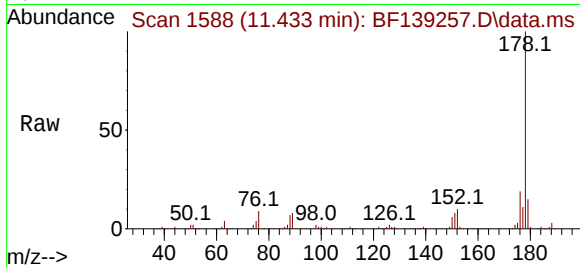




#71
Phenanthrene
Concen: 10.571 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

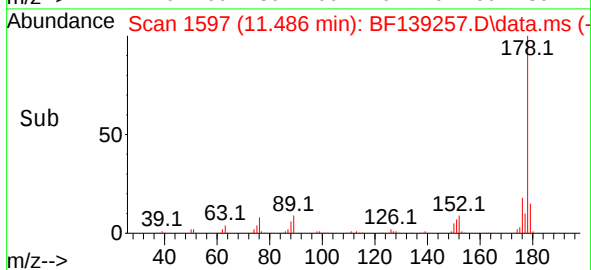
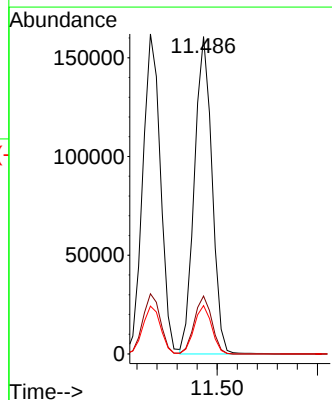
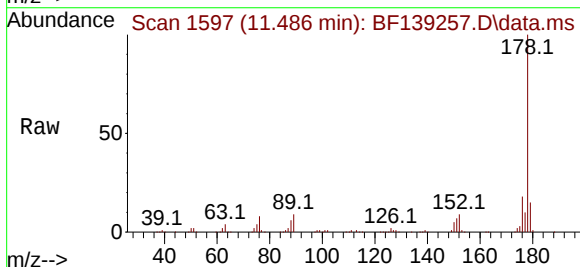
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

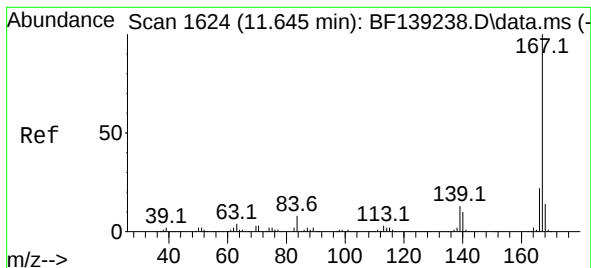
Tgt Ion:178 Resp: 198909
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.0 12.3 18.5



#72
Anthracene
Concen: 10.653 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion:178 Resp: 195822
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.3 12.3 18.5





#73

Carbazole

Concen: 9.996 ng

RT: 11.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

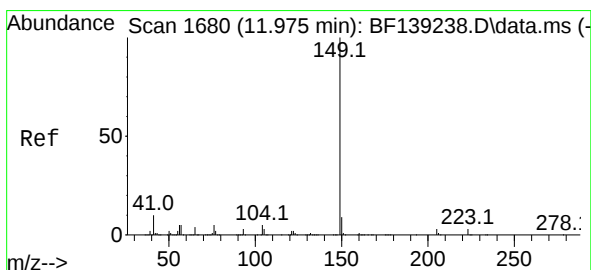
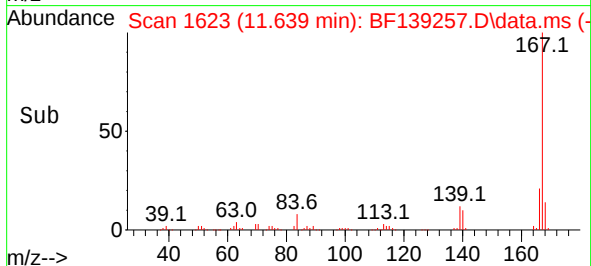
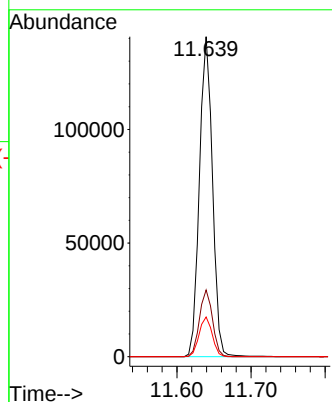
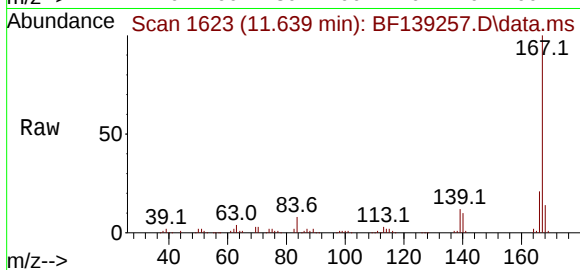
Tgt Ion:167 Resp: 171721

Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

139 12.4 10.2 15.4



#74

Di-n-butylphthalate

Concen: 10.089 ng

RT: 11.975 min Scan# 1680

Delta R.T. -0.000 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

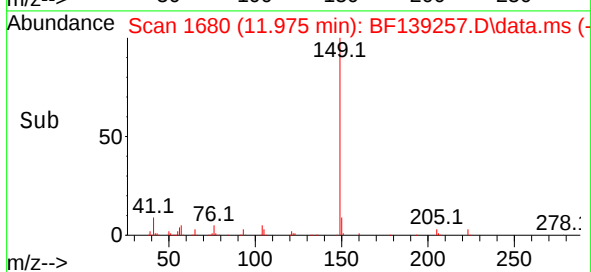
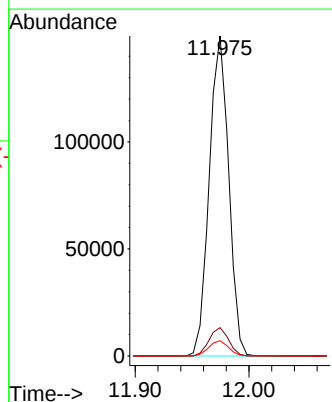
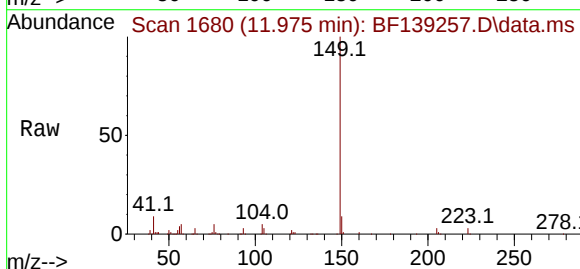
Tgt Ion:149 Resp: 177462

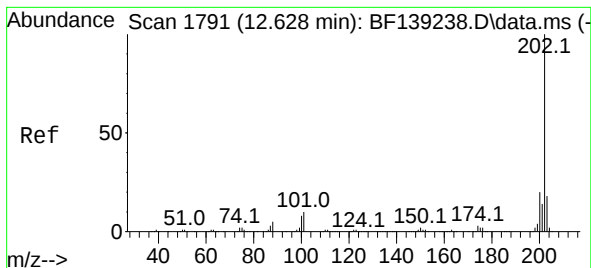
Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

104 4.7 3.9 5.9





#75

Fluoranthene

Concen: 10.348 ng

RT: 12.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

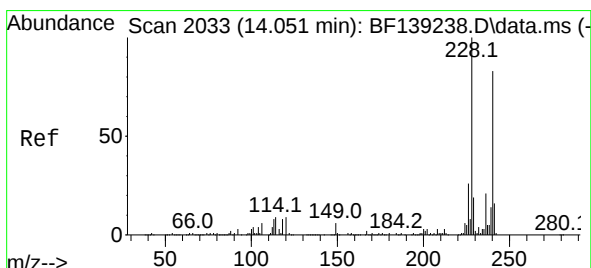
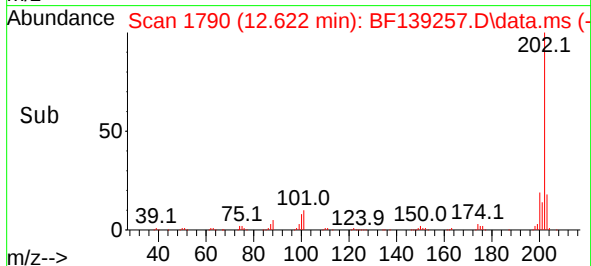
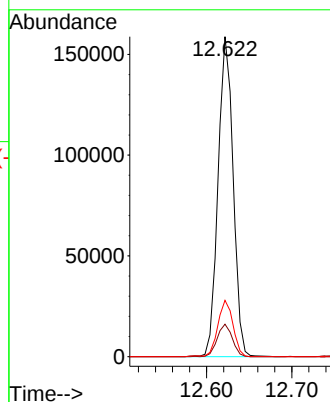
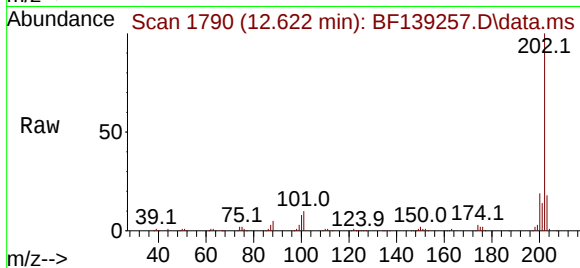
Tgt Ion:202 Resp: 195204

Ion Ratio Lower Upper

202 100

101 10.2 0.0 29.9

203 17.6 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: BF139257.D

Acq: 05 Sep 2024 12:32

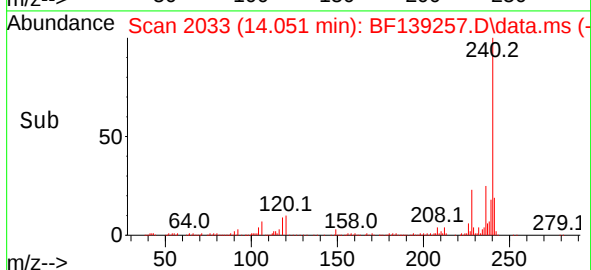
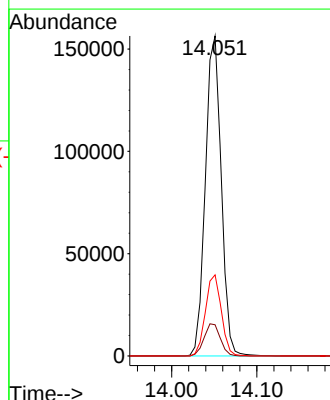
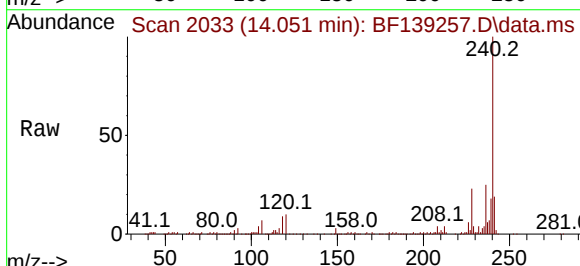
Tgt Ion:240 Resp: 202222

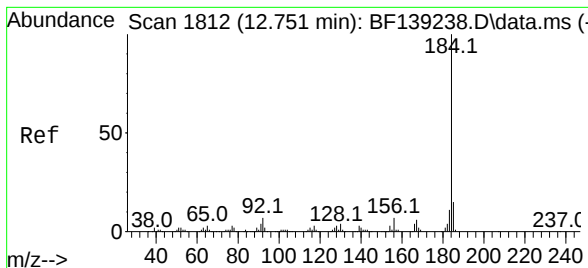
Ion Ratio Lower Upper

240 100

120 9.7 8.6 12.8

236 25.3 20.7 31.1





#77

Benzidine

Concen: 13.423 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

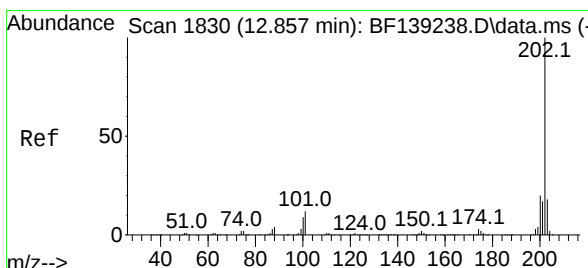
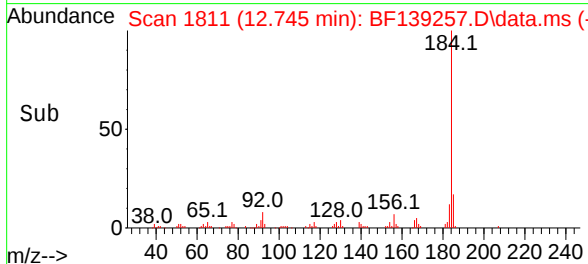
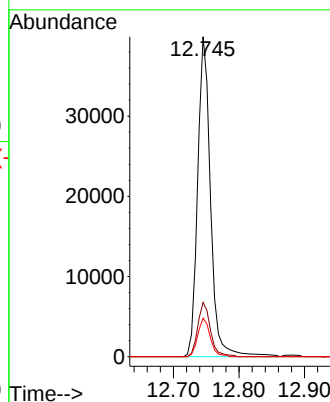
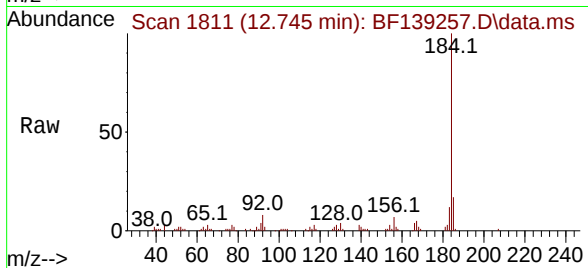
Tgt Ion:184 Resp: 54658

Ion Ratio Lower Upper

184 100

185 17.0 11.9 17.9

183 12.0 8.8 13.2



#78

Pyrene

Concen: 10.346 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

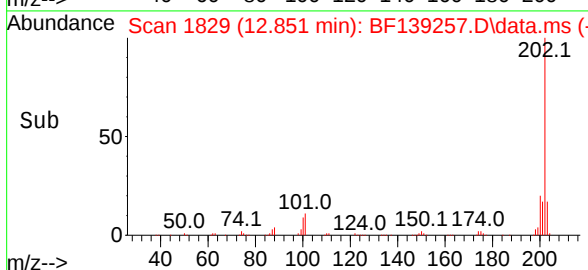
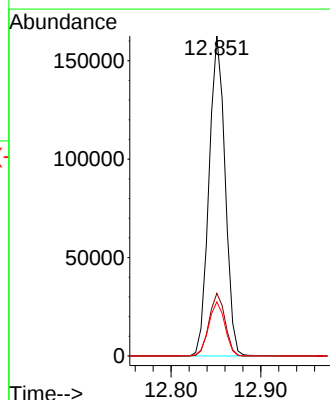
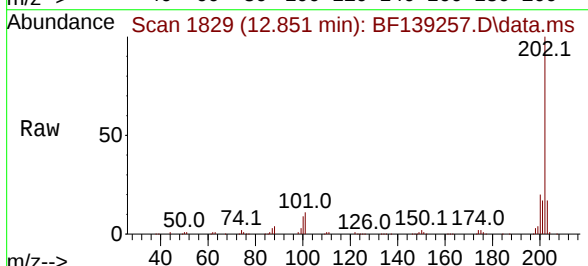
Tgt Ion:202 Resp: 202109

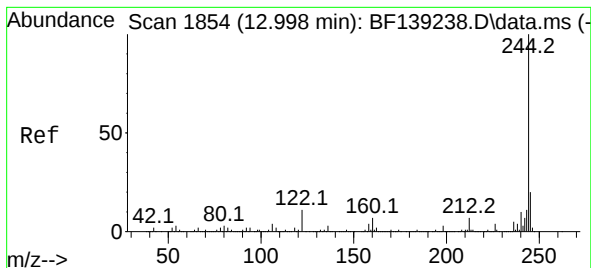
Ion Ratio Lower Upper

202 100

200 19.6 15.8 23.8

203 16.9 14.1 21.1





#79

Terphenyl-d14

Concen: 80.386 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

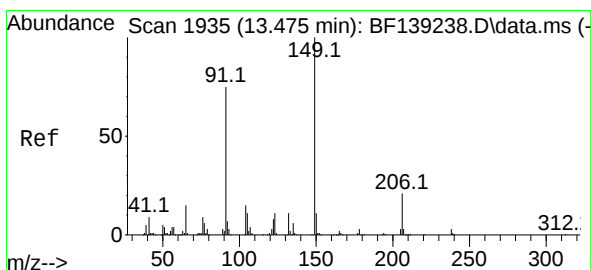
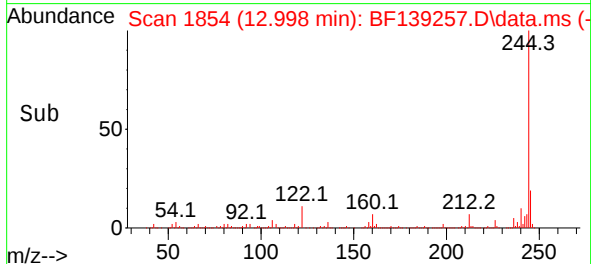
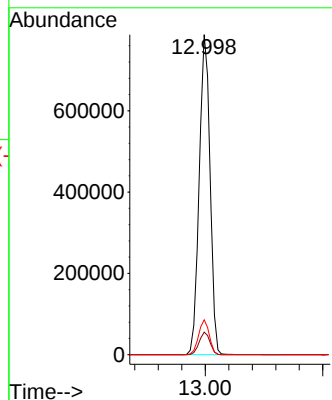
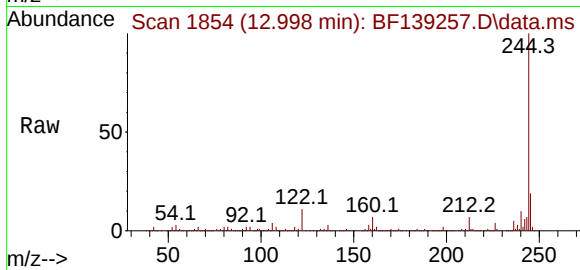
Tgt Ion:244 Resp: 1006813

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.9 8.7 13.1



#80

Butylbenzylphthalate

Concen: 9.486 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

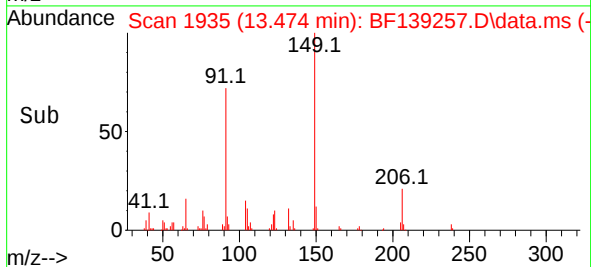
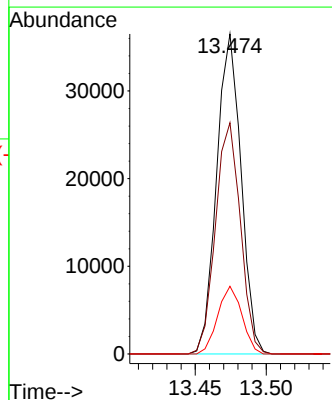
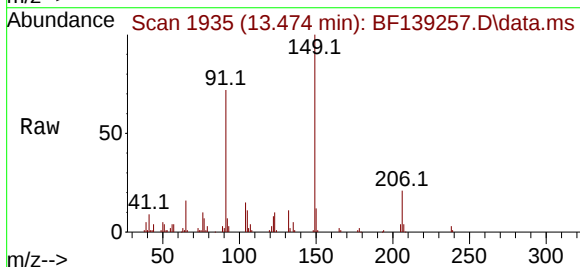
Tgt Ion:149 Resp: 43621

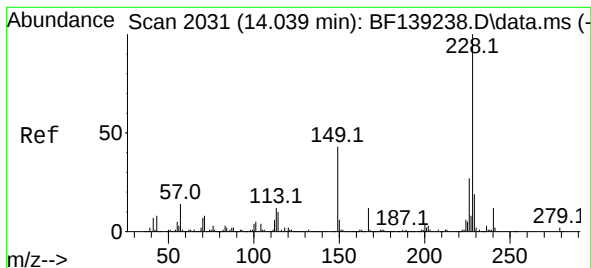
Ion Ratio Lower Upper

149 100

91 72.3 60.3 90.5

206 21.1 16.7 25.1





#81

Benzo(a)anthracene

Concen: 10.218 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

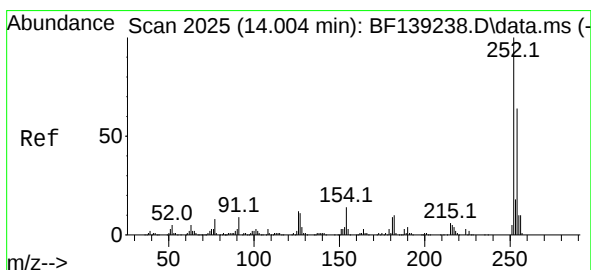
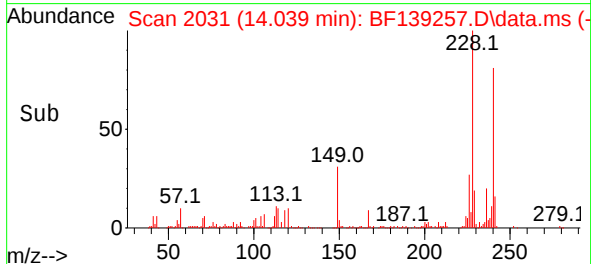
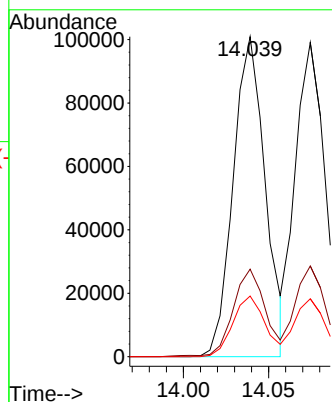
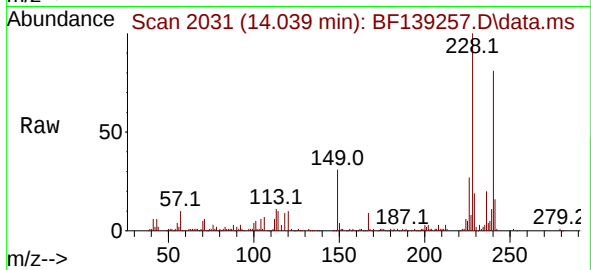
Tgt Ion:228 Resp: 131945

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 18.9 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 10.429 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

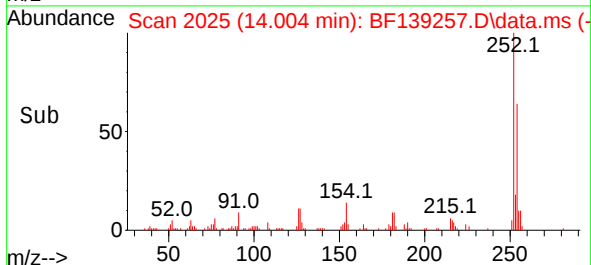
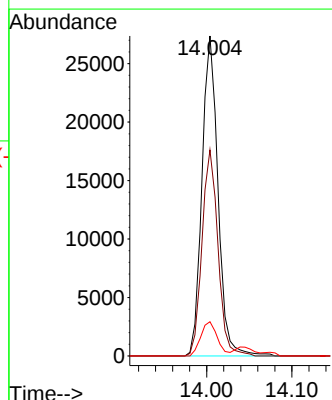
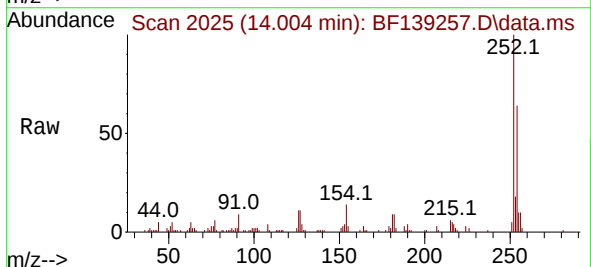
Tgt Ion:252 Resp: 35762

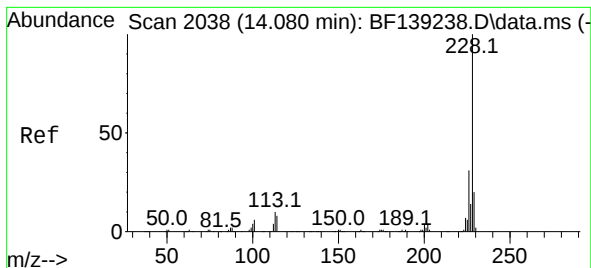
Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

126 10.7 9.2 13.8





#83

Chrysene

Concen: 10.062 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

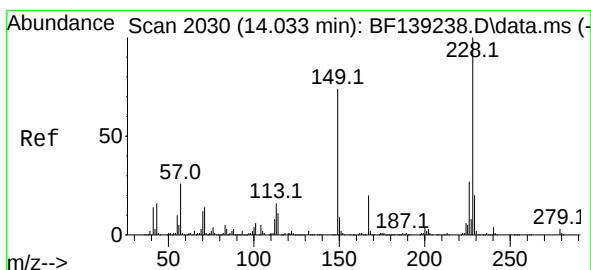
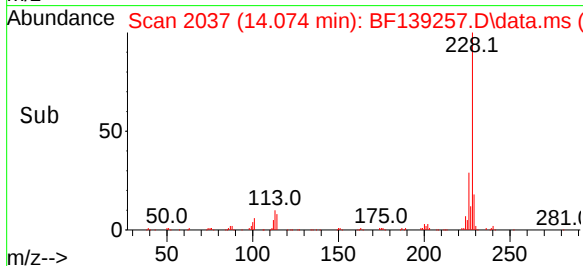
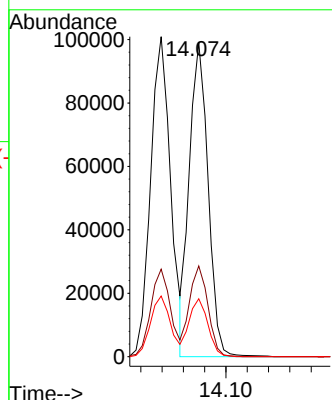
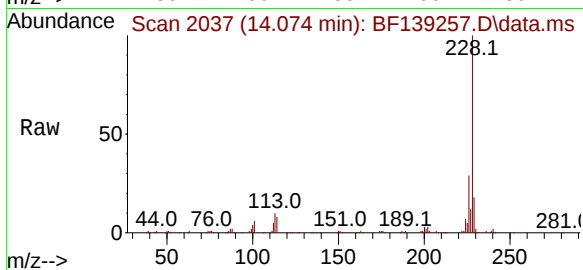
Tgt Ion:228 Resp: 121266

Ion Ratio Lower Upper

228 100

226 28.9 23.8 35.8

229 18.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.433 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

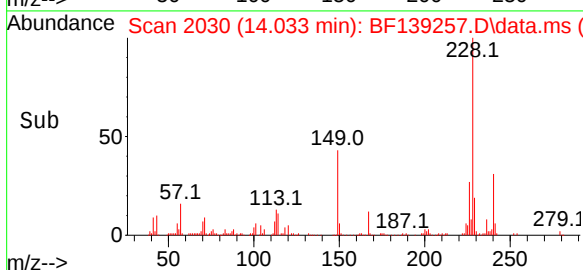
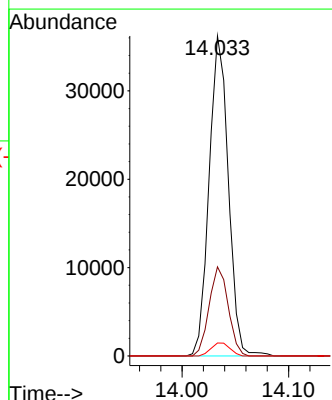
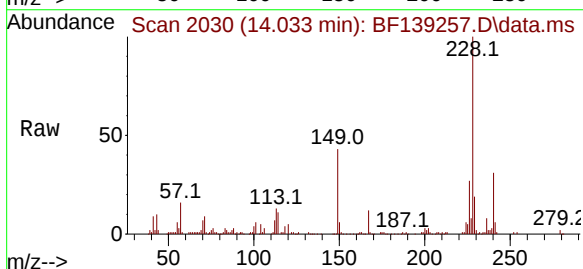
Tgt Ion:149 Resp: 45516

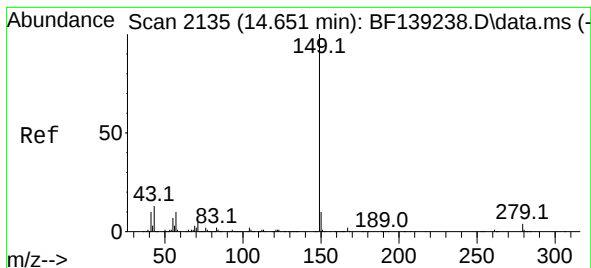
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 6.917 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

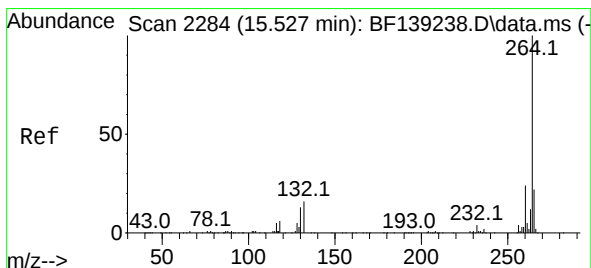
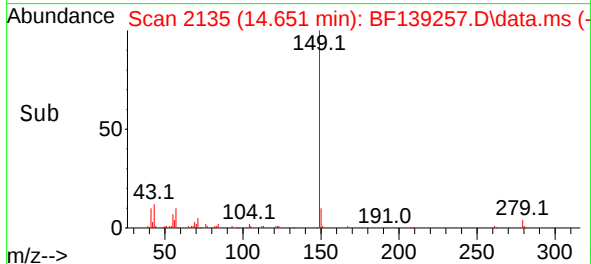
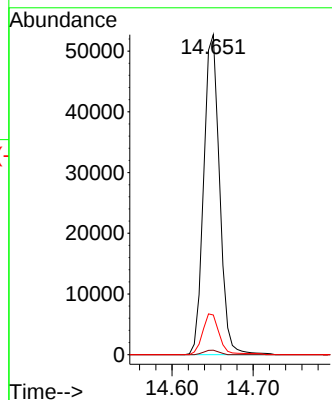
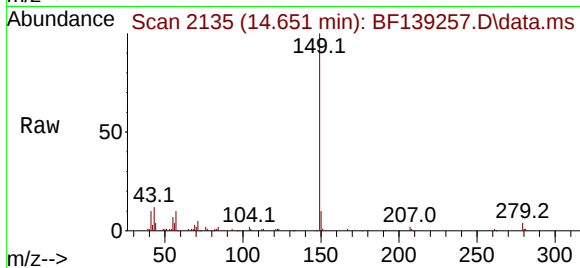
Tgt Ion:149 Resp: 71480

Ion Ratio Lower Upper

149 100

167 1.3 1.3 1.9

43 13.6 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: BF139257.D

Acq: 05 Sep 2024 12:32

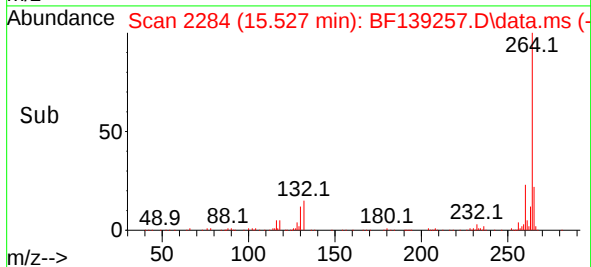
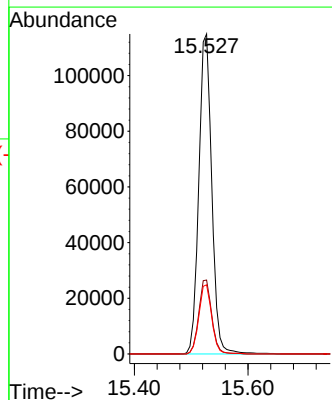
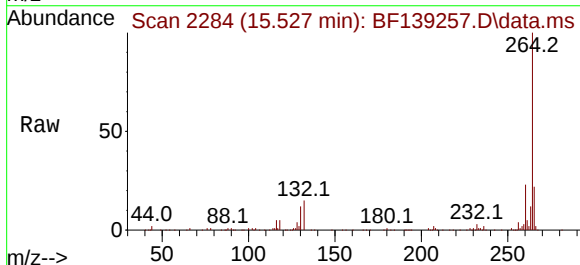
Tgt Ion:264 Resp: 181956

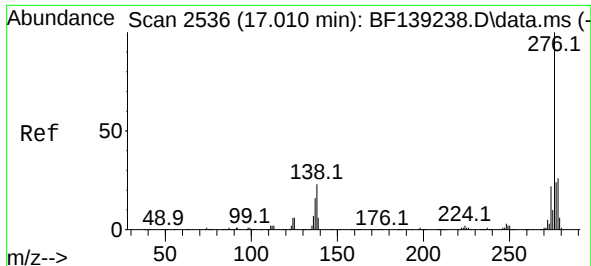
Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 21.6 17.3 25.9

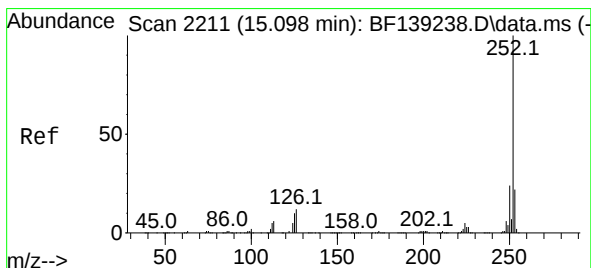
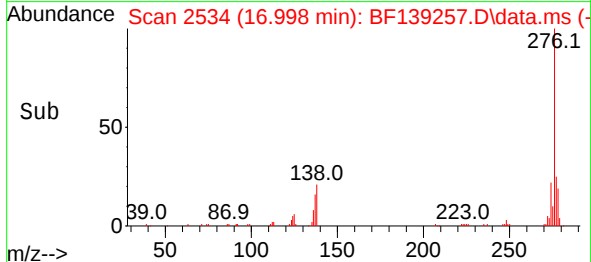
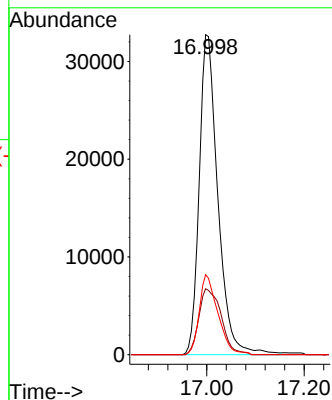
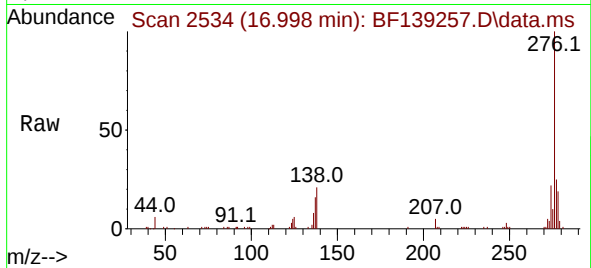




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.649 ng
RT: 16.998 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

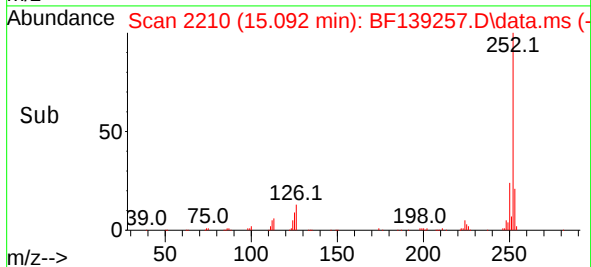
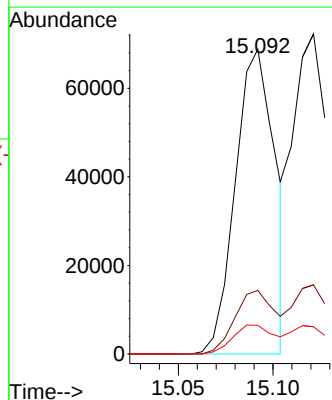
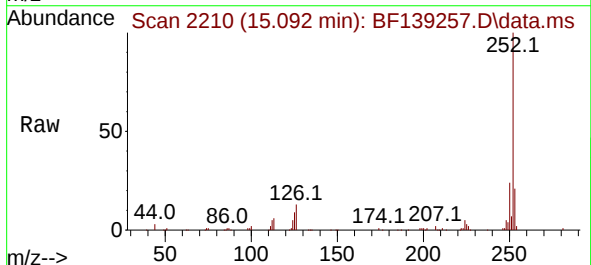
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

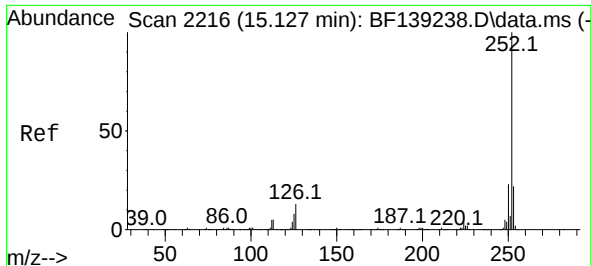
Tgt Ion:276 Resp: 86948
Ion Ratio Lower Upper
276 100
138 24.7 20.4 30.6
277 24.9 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 9.549 ng
RT: 15.092 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion:252 Resp: 100067
Ion Ratio Lower Upper
252 100
253 20.9 17.6 26.4
125 9.4 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 10.874 ng

RT: 15.121 min Scan# 2216

Delta R.T. -0.006 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

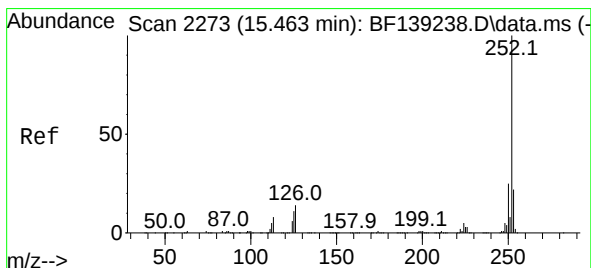
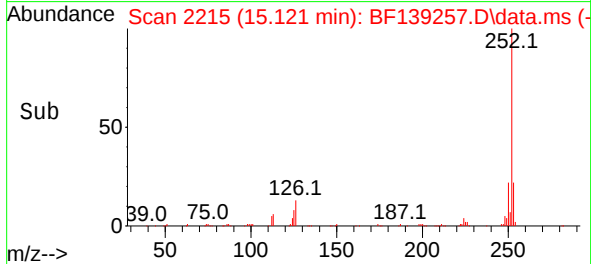
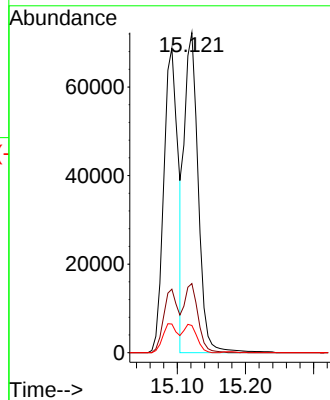
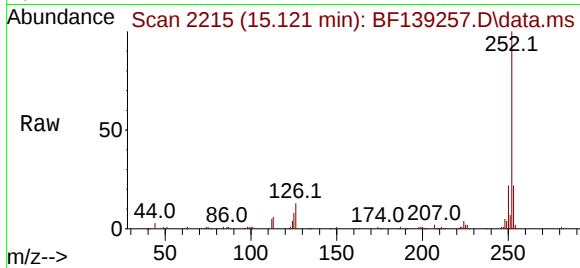
Tgt Ion:252 Resp: 102170

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 8.5 7.2 10.8



#90

Benzo(a)pyrene

Concen: 10.339 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF139257.D

Acq: 05 Sep 2024 12:32

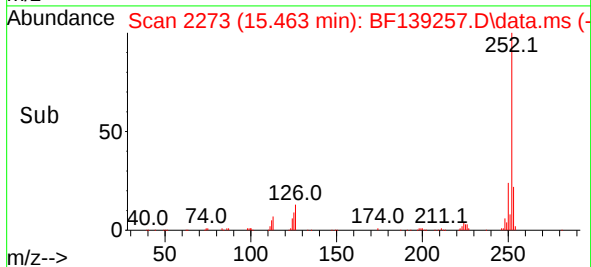
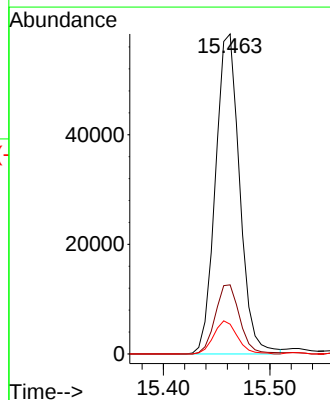
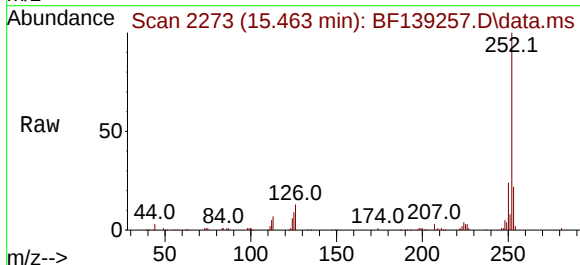
Tgt Ion:252 Resp: 91991

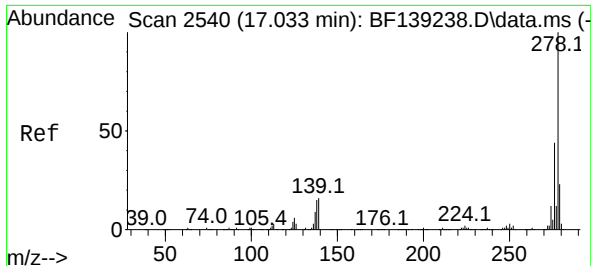
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.3 8.6 13.0

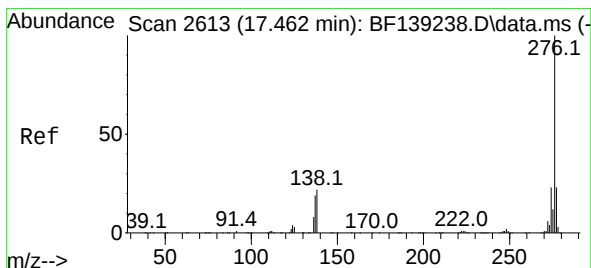
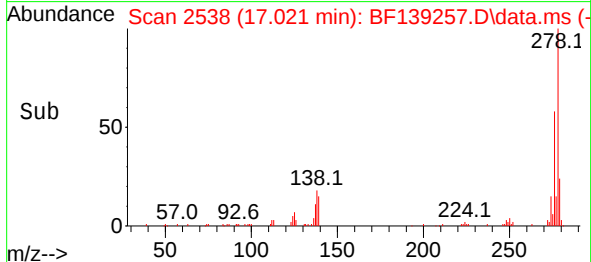
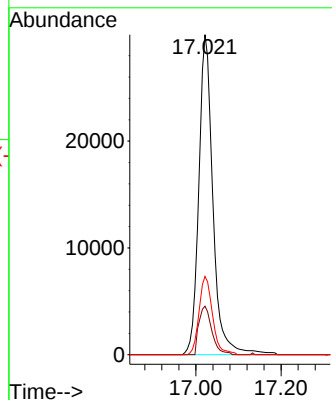
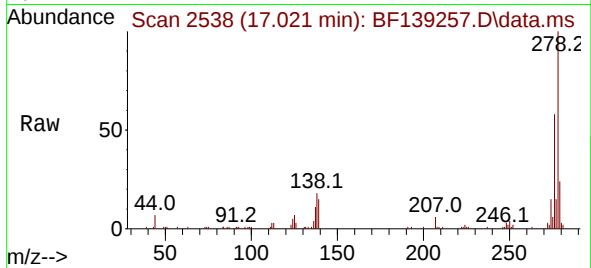




#91
Dibenzo(a,h)anthracene
Concen: 7.368 ng
RT: 17.021 min Scan# 2538
Delta R.T. -0.012 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

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

Tgt Ion:278 Resp: 69020
Ion Ratio Lower Upper
278 100
139 15.2 12.6 19.0
279 24.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 7.027 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.018 min
Lab File: BF139257.D
Acq: 05 Sep 2024 12:32

Tgt Ion:276 Resp: 67950
Ion Ratio Lower Upper
276 100
277 23.6 18.6 27.8
138 21.9 17.4 26.0

