

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
 Data File : BF139059.D
 Acq On : 16 Aug 2024 15:59
 Operator : RC/JU
 Sample : P3390-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 16 16:23:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	54463	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	226311	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	131540	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	227806	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	113416	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	96048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	421594	119.493	ng	0.00
7) Phenol-d6	6.487	99	572580	120.875	ng	0.00
23) Nitrobenzene-d5	7.404	82	382801	82.699	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	133153	123.577	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	701501	80.128	ng	-0.02
79) Terphenyl-d14	12.939	244	654203	96.575	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	14283	9.247	ng	# 94
3) Pyridine	3.416	79	29713	7.941	ng	96
4) n-Nitrosodimethylamine	3.310	42	23224	10.421	ng	84
6) Aniline	6.504	93	48473	11.474	ng	# 65
8) 2-Chlorophenol	6.628	128	37026	9.975	ng	95
9) Benzaldehyde	6.398	77	32630	11.491	ng	98
10) Phenol	6.498	94	49212	9.867	ng	# 58
11) bis(2-Chloroethyl)ether	6.575	93	36343	9.469	ng	98
12) 1,3-Dichlorobenzene	6.775	146	39592	9.528	ng	96
13) 1,4-Dichlorobenzene	6.851	146	41062	9.792	ng	99
14) 1,2-Dichlorobenzene	7.004	146	38758	9.890	ng	98
15) Benzyl Alcohol	6.992	79	37438	10.966	ng	88
16) 2,2'-oxybis(1-Chloropr...	7.104	45	67870	10.275	ng	52
17) 2-Methylphenol	7.104	107	30658	10.002	ng	# 82
18) Hexachloroethane	7.339	117	15102	9.567	ng	94
19) n-Nitroso-di-n-propyla...	7.245	70	30289	10.587	ng	95
20) 3+4-Methylphenols	7.263	107	40535	10.307	ng	# 64
22) Acetophenone	7.245	105	58916	10.632	ng	95
24) Nitrobenzene	7.422	77	46196	9.808	ng	99
25) Isophorone	7.657	82	81154	10.267	ng	98
26) 2-Nitrophenol	7.739	139	20192	9.964	ng	92
27) 2,4-Dimethylphenol	7.781	122	21220	8.752	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	46946	9.753	ng	97
29) 2,4-Dichlorophenol	7.998	162	29843	9.579	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	35605	9.903	ng	95
31) Naphthalene	8.139	128	116162	9.751	ng	99
32) Benzoic acid	7.922	122	6552	3.438	ng	95
33) 4-Chloroaniline	8.198	127	41997	10.503	ng	97
34) Hexachlorobutadiene	8.245	225	21829	10.024	ng	99
35) Caprolactam	8.545	113	9621	10.349	ng	93
36) 4-Chloro-3-methylphenol	8.681	107	35844	10.067	ng	99
37) 2-Methylnaphthalene	8.828	142	76445	10.161	ng	100
38) 1-Methylnaphthalene	8.928	142	70200	9.522	ng	97
40) 1,2,4,5-Tetrachloroben...	8.992	216	35629	9.751	ng	96
41) Hexachlorocyclopentadiene	8.975	237	1193	8.092	ng	81
43) 2,4,6-Trichlorophenol	9.116	196	19123	8.583	ng	98

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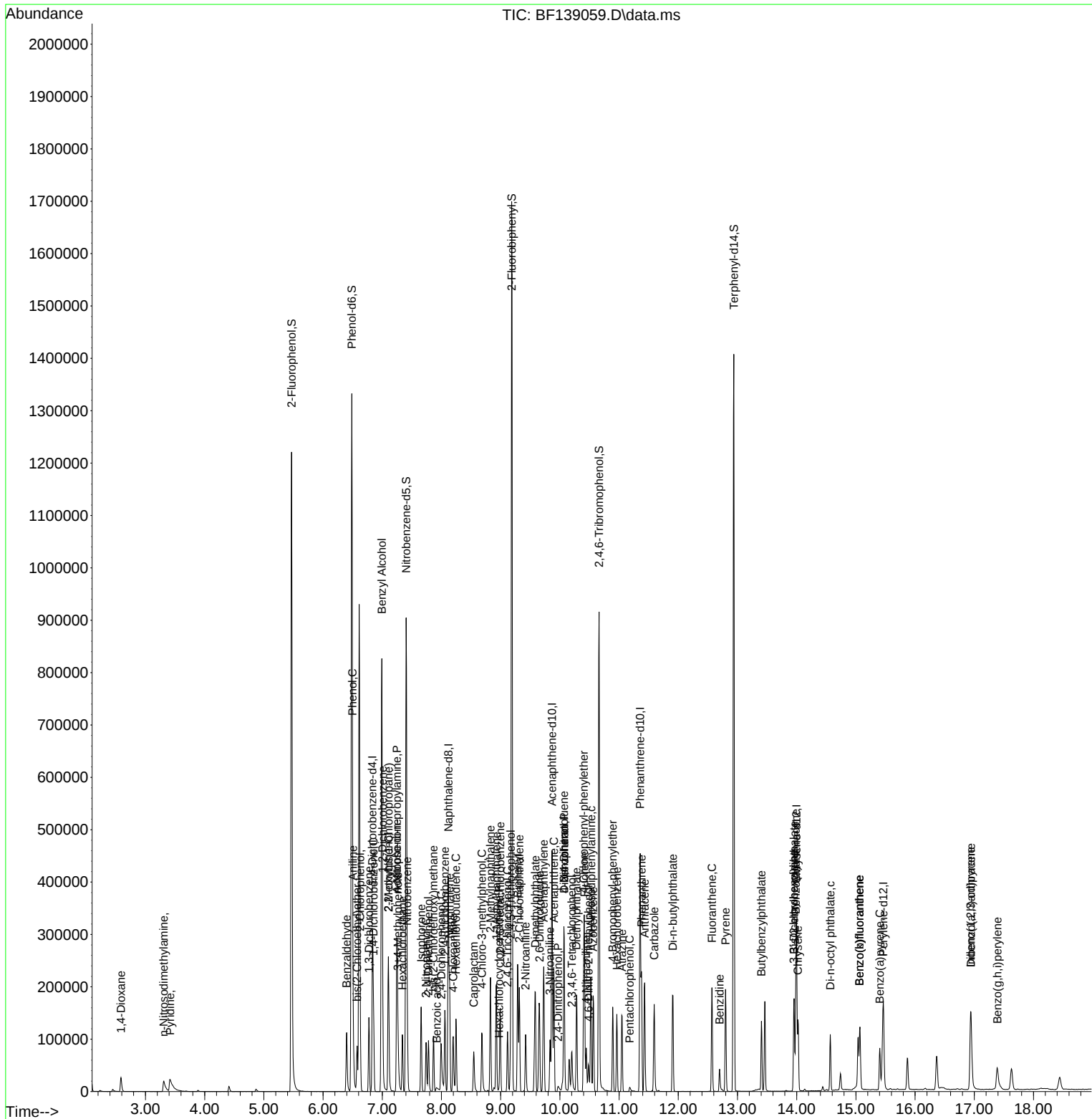
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	20570	8.446	ng	94
46) 1,1'-Biphenyl	9.286	154	98473	9.559	ng	99
47) 2-Chloronaphthalene	9.316	162	72004	9.398	ng	100
48) 2-Nitroaniline	9.422	65	26141	10.064	ng	94
49) Acenaphthylene	9.728	152	114658	10.551	ng	100
50) Dimethylphthalate	9.586	163	86258	10.256	ng	100
51) 2,6-Dinitrotoluene	9.657	165	18591	9.794	ng	# 86
52) Acenaphthene	9.898	154	69153	9.467	ng	99
53) 3-Nitroaniline	9.833	138	18834	9.598	ng	88
54) 2,4-Dinitrophenol	9.969	184	4200	4.807	ng	# 84
55) Dibenzofuran	10.075	168	104714	10.155	ng	95
56) 4-Nitrophenol	10.075	139	52099	44.151	ng	# 6
57) 2,4-Dinitrotoluene	10.069	165	24172	9.981	ng	# 72
58) Fluorene	10.416	166	83832	10.209	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	18458	9.913	ng	# 99
60) Diethylphthalate	10.280	149	88151	11.054	ng	98
61) 4-Chlorophenyl-phenyle...	10.404	204	40517	10.032	ng	93
62) 4-Nitroaniline	10.445	138	17121	9.181	ng	# 82
63) Azobenzene	10.563	77	90923	10.280	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	10026	7.214	ng	89
66) n-Nitrosodiphenylamine	10.528	169	70356	9.880	ng	98
67) 4-Bromophenyl-phenylether	10.892	248	23684	9.603	ng	95
68) Hexachlorobenzene	10.963	284	23679	9.298	ng	97
69) Atrazine	11.051	200	22261	12.117	ng	98
70) Pentachlorophenol	11.180	266	3305	2.879	ng	96
71) Phenanthrene	11.380	178	118963	10.142	ng	100
72) Anthracene	11.433	178	117827	10.196	ng	98
73) Carbazole	11.592	167	98204	9.850	ng	99
74) Di-n-butylphthalate	11.910	149	128310	11.448	ng	99
75) Fluoranthene	12.569	202	111941	10.222	ng	97
77) Benzidine	12.698	184	28114	10.364	ng	99
78) Pyrene	12.798	202	110355	10.334	ng	99
80) Butylbenzylphthalate	13.404	149	38303	11.201	ng	98
81) Benzo(a)anthracene	13.986	228	75163	9.624	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	21920	10.968	ng	# 97
83) Chrysene	14.021	228	69186	9.819	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	41806	8.349	ng	97
85) Di-n-octyl phthalate	14.568	149	62663	6.764	ng	96
87) Indeno(1,2,3-cd)pyrene	16.939	276	61475	8.931	ng	97
88) Benzo(b)fluoranthene	15.063	252	54975	9.233	ng	97
89) Benzo(k)fluoranthene	15.063	252	54975	10.664	ng	98
90) Benzo(a)pyrene	15.404	252	51777	10.338	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	48472	8.579	ng	98
92) Benzo(g,h,i)perylene	17.392	276	46997	8.016	ng	# 94

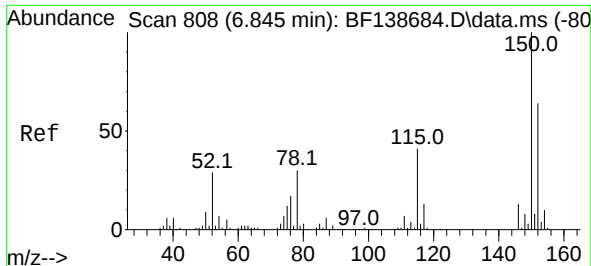
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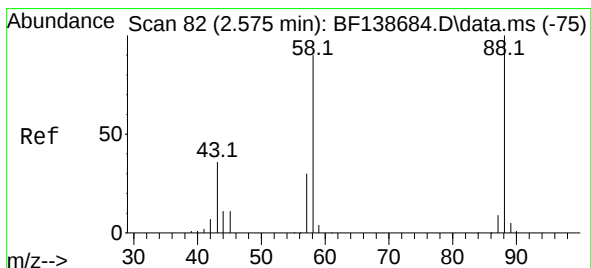
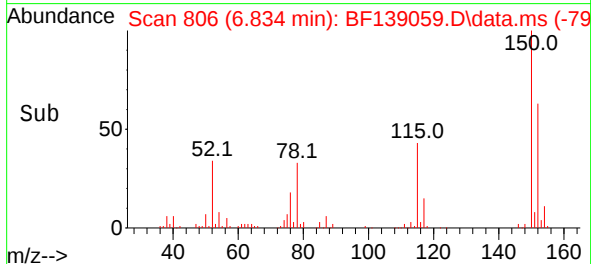
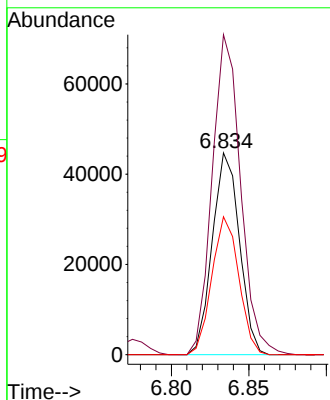
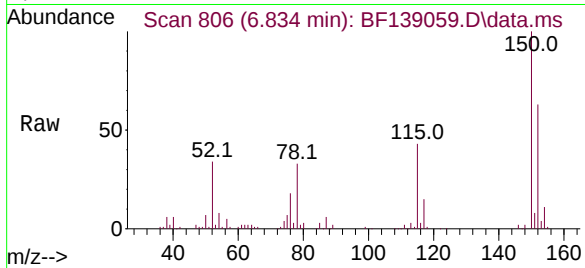




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BF139059.D
 Acq: 16 Aug 2024 15:59

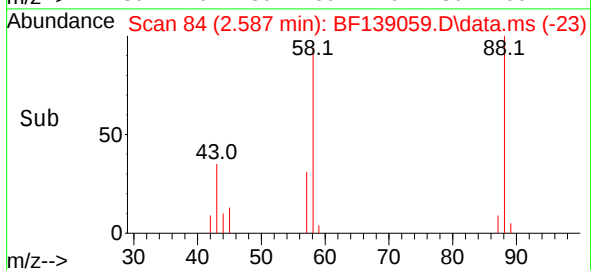
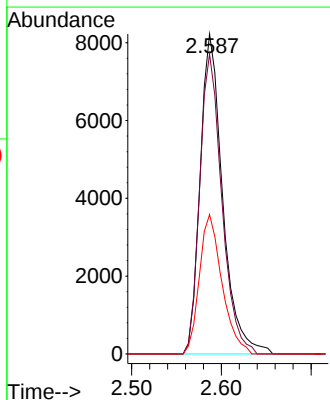
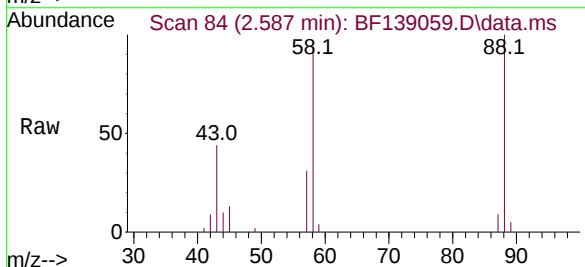
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

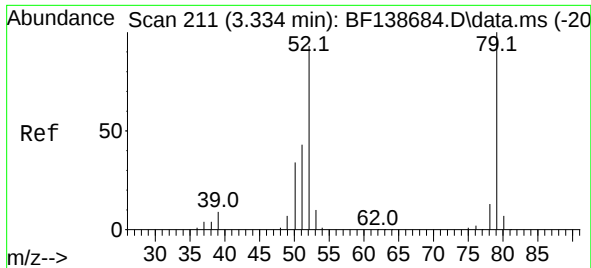
Tgt Ion:152 Resp: 54463
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.0 189.0
 115 68.3 51.7 77.5



#2
 1,4-Dioxane
 Concen: 9.247 ng
 RT: 2.587 min Scan# 84
 Delta R.T. 0.012 min
 Lab File: BF139059.D
 Acq: 16 Aug 2024 15:59

Tgt Ion: 88 Resp: 14283
 Ion Ratio Lower Upper
 88 100
 58 92.1 71.6 107.4
 43 43.8 28.7 43.1#





#3

Pyridine

Concen: 7.941 ng

RT: 3.416 min Scan# 211

Delta R.T. 0.082 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

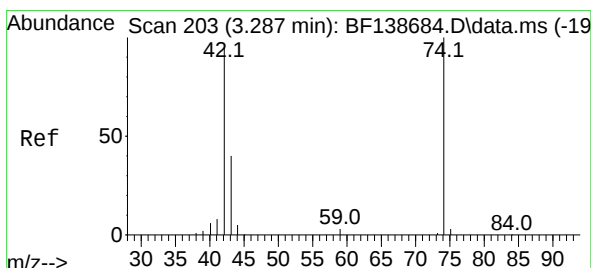
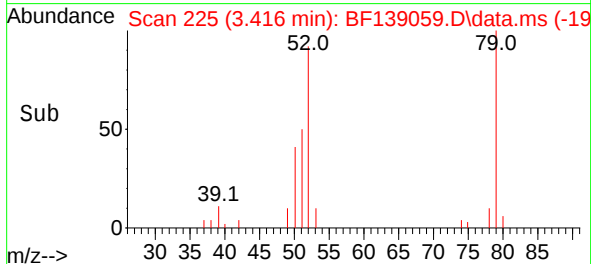
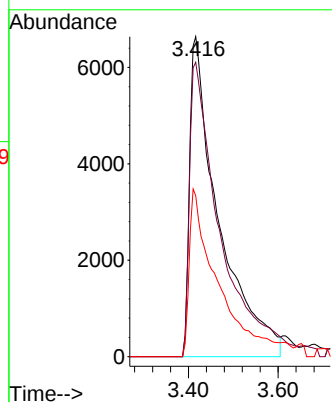
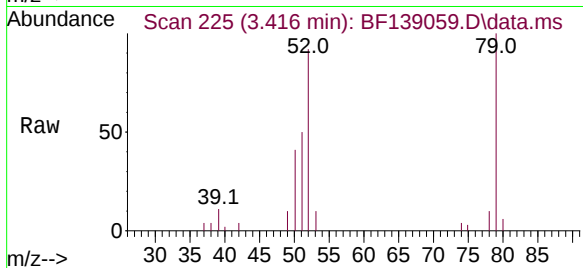
Tgt Ion: 79 Resp: 29713

Ion Ratio Lower Upper

79 100

52 92.0 74.7 112.1

51 50.3 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 10.421 ng

RT: 3.310 min Scan# 207

Delta R.T. 0.023 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

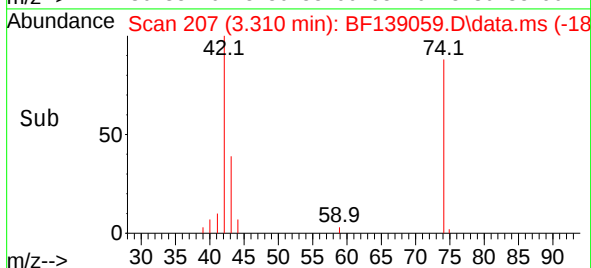
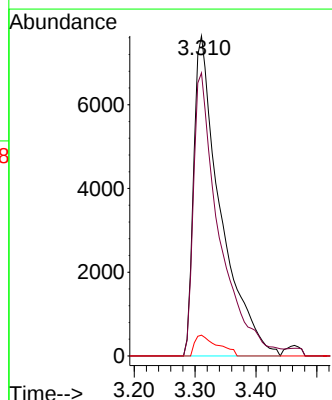
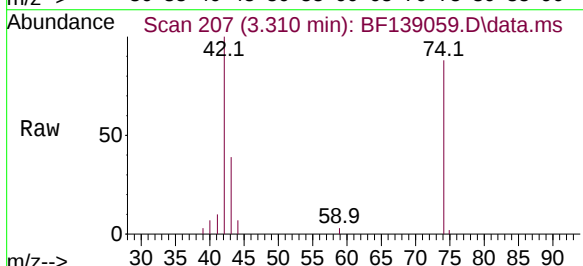
Tgt Ion: 42 Resp: 23224

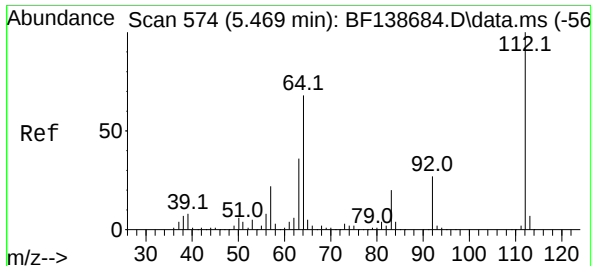
Ion Ratio Lower Upper

42 100

74 88.5 84.2 126.4

44 6.5 4.9 7.3

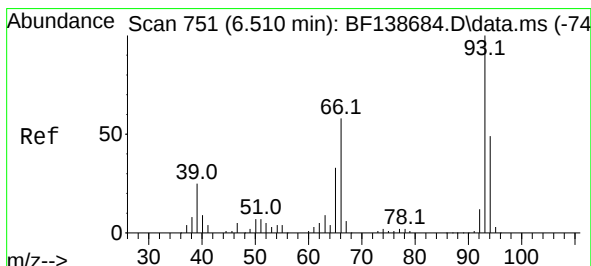
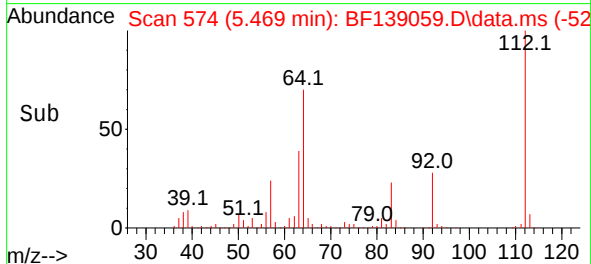
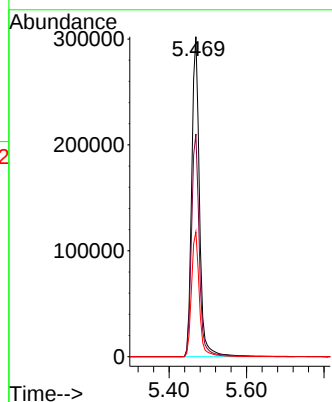
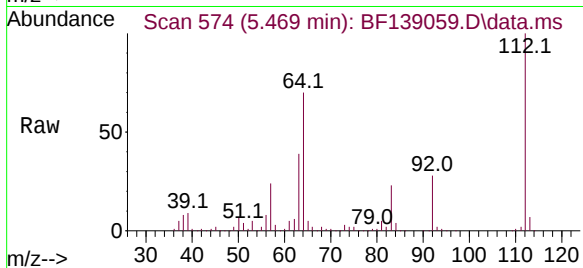




#5
2-Fluorophenol
Concen: 119.493 ng
RT: 5.469 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

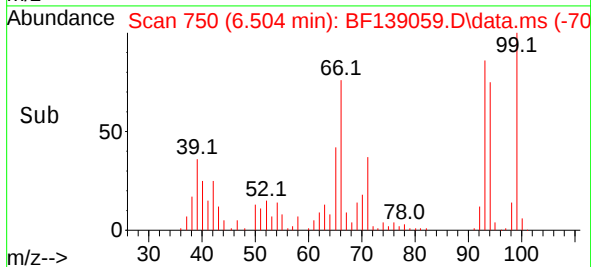
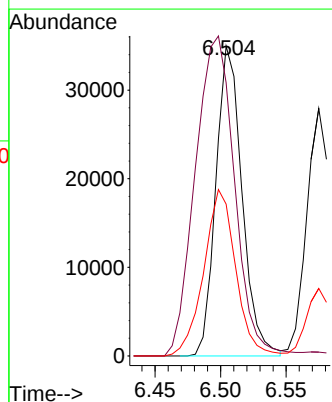
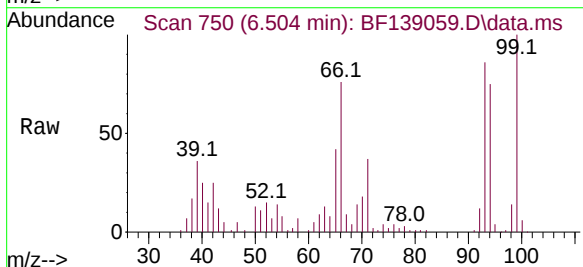
Instrument :
BNA_F
ClientSampleId :
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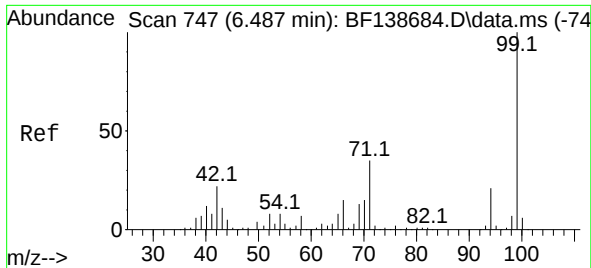
Tgt Ion:112 Resp: 421594
Ion Ratio Lower Upper
112 100
64 69.6 54.2 81.4
63 39.0 28.7 43.1



#6
Aniline
Concen: 11.474 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion: 93 Resp: 48473
Ion Ratio Lower Upper
93 100
66 88.2 46.9 70.3#
65 49.0 26.5 39.7#

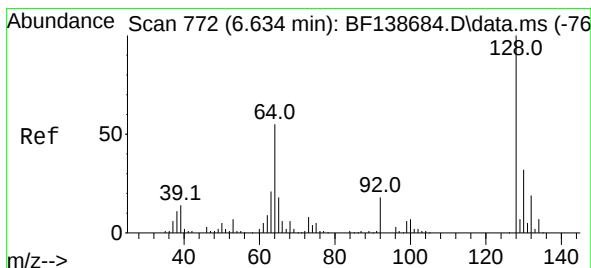
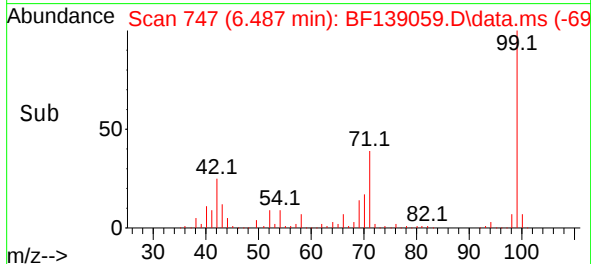
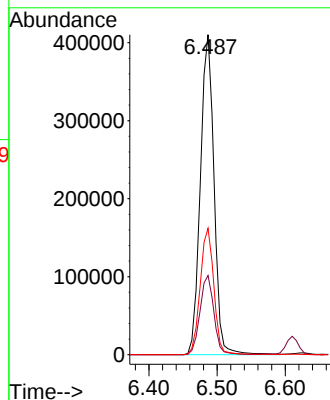
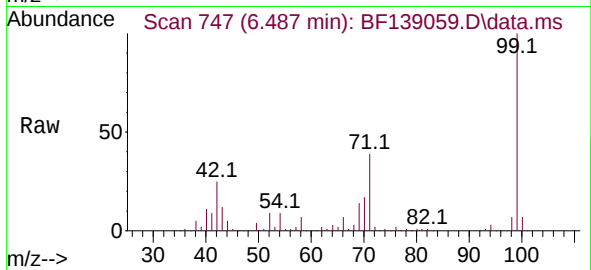




#7
Phenol-d6
Concen: 120.875 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

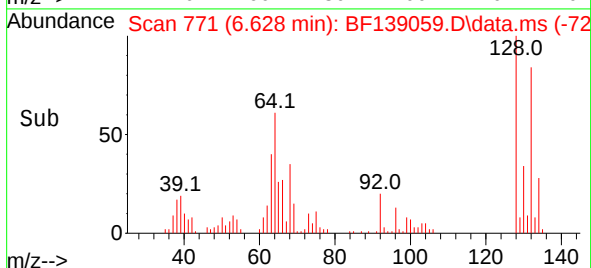
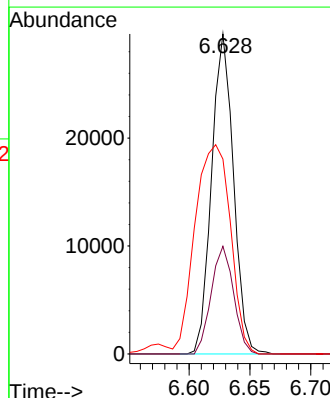
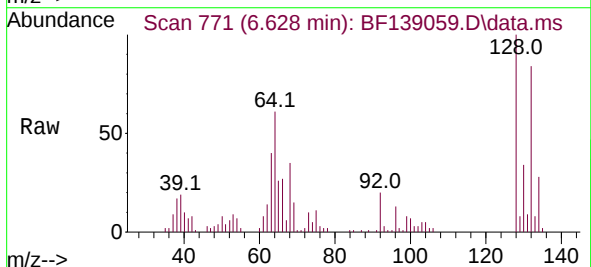
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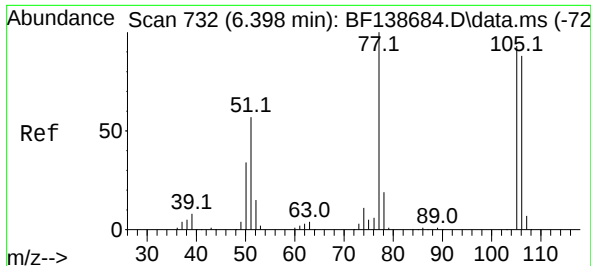
Tgt Ion: 99 Resp: 572580
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 39.5 28.1 42.1



#8
2-Chlorophenol
Concen: 9.975 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:128 Resp: 37026
Ion Ratio Lower Upper
128 100
130 33.6 12.0 52.0
64 60.9 36.3 76.3





#9

Benzaldehyde

Concen: 11.491 ng

RT: 6.398 min Scan# 732

Delta R.T. 0.000 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

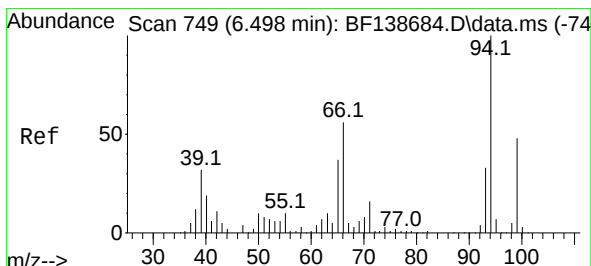
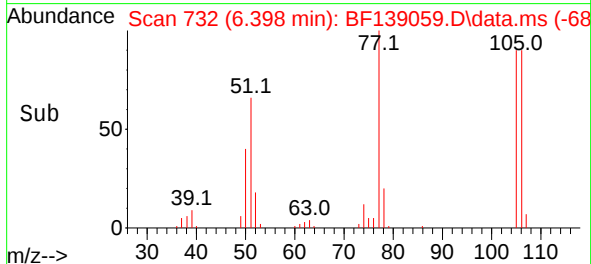
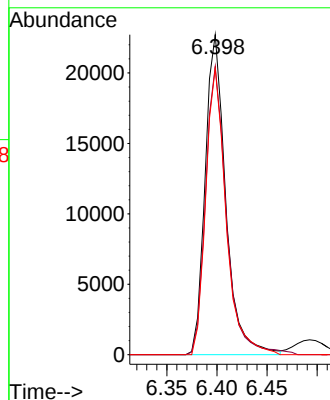
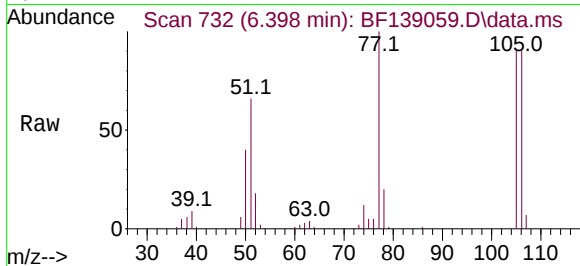
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:	77	Resp:	32630
Ion	Ratio	Lower	Upper
77	100		
105	90.0	72.9	112.9
106	89.5	68.4	108.4



#10

Phenol

Concen: 9.867 ng

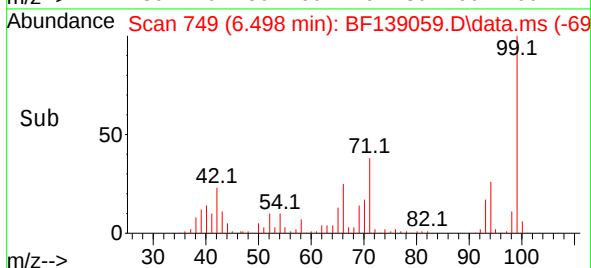
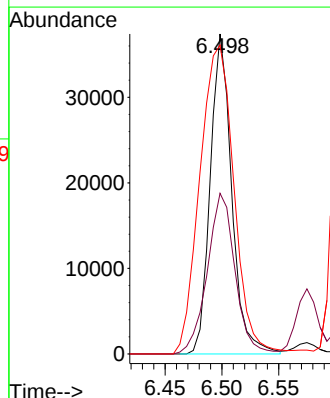
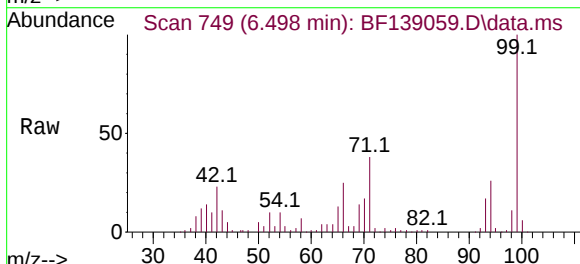
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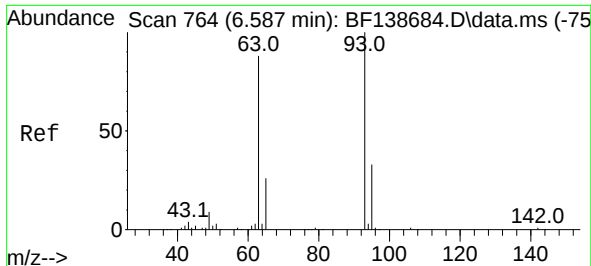
Delta R.T. -0.000 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Tgt Ion:	94	Resp:	49212
Ion	Ratio	Lower	Upper
94	100		
65	50.2	16.9	56.9
66	96.5	36.5	76.5#

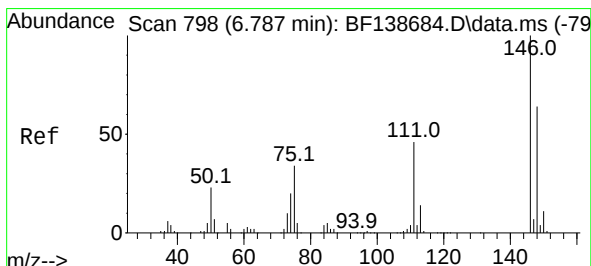
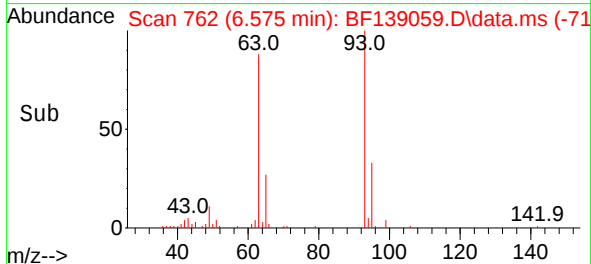
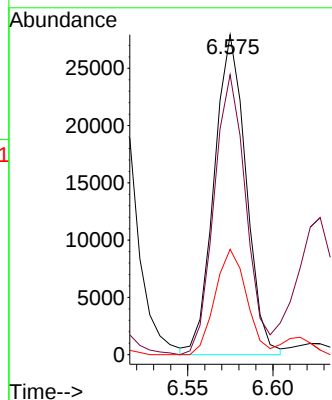
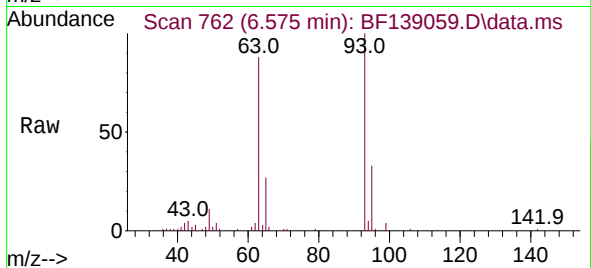




#11
bis(2-Chloroethyl)ether
Concen: 9.469 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

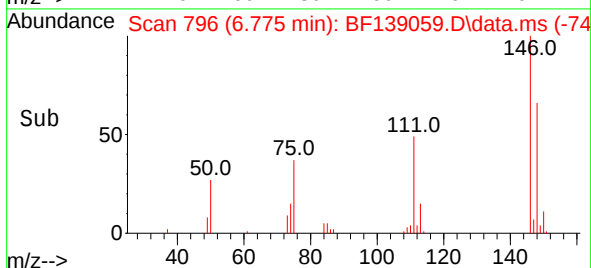
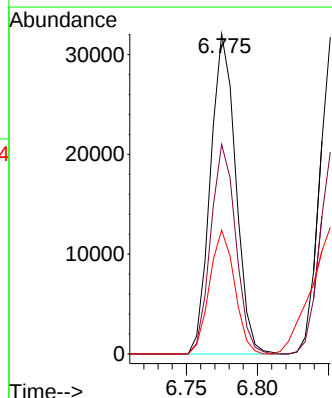
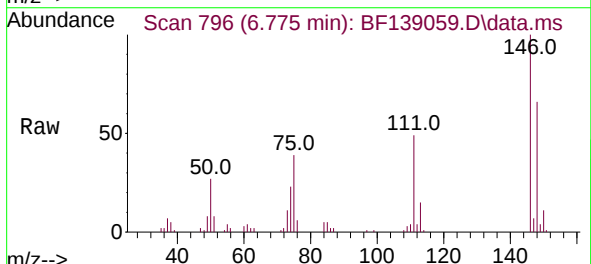
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion: 93 Resp: 36343
Ion Ratio Lower Upper
93 100
63 87.5 65.3 105.3
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 9.528 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:146 Resp: 39592
Ion Ratio Lower Upper
146 100
148 65.5 51.2 76.8
75 38.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 9.792 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.012 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

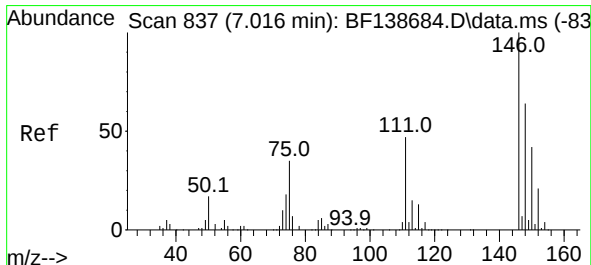
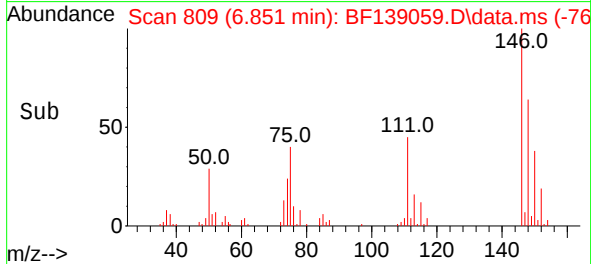
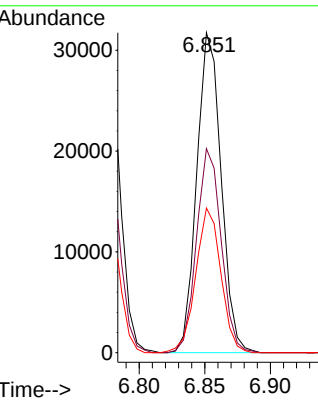
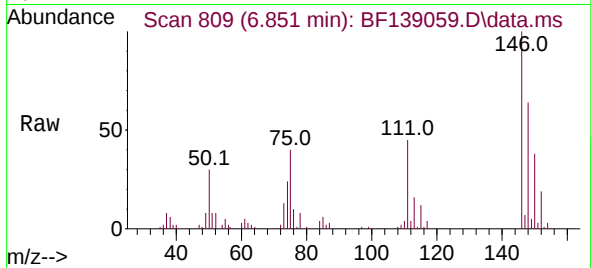
Tgt Ion:146 Resp: 41062

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.2

111 45.2 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 9.890 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

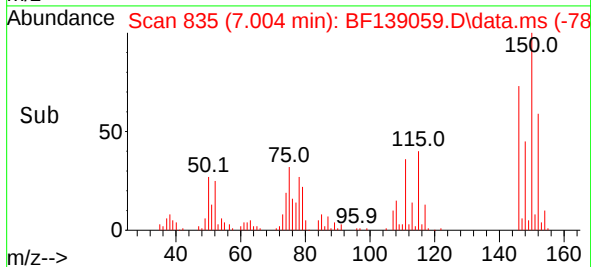
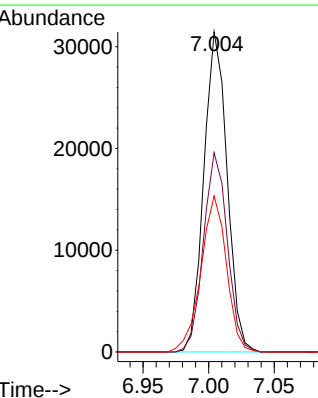
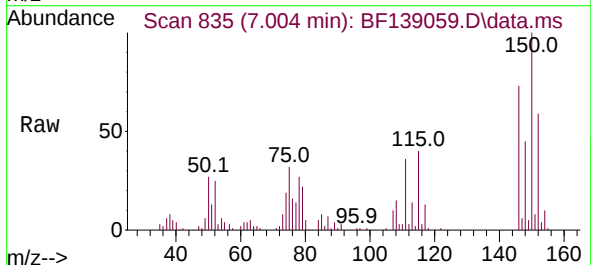
Tgt Ion:146 Resp: 38758

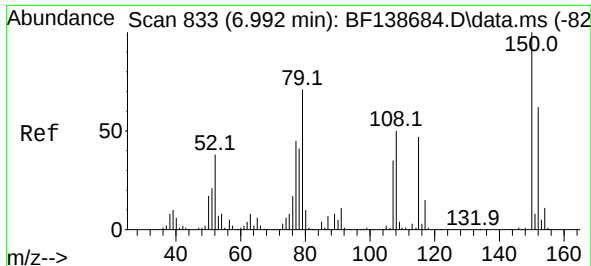
Ion Ratio Lower Upper

146 100

148 62.3 50.8 76.2

111 48.8 37.4 56.2





#15

Benzyl Alcohol

Concen: 10.966 ng

RT: 6.992 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

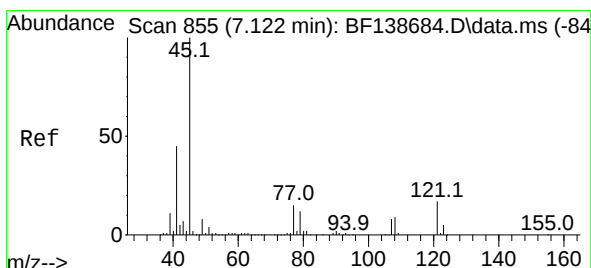
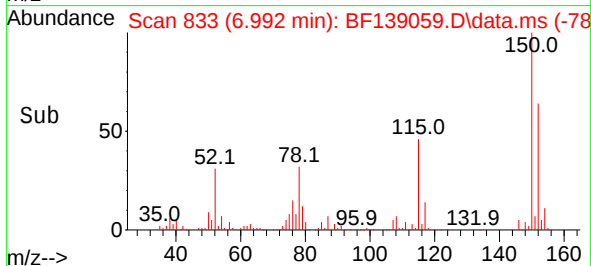
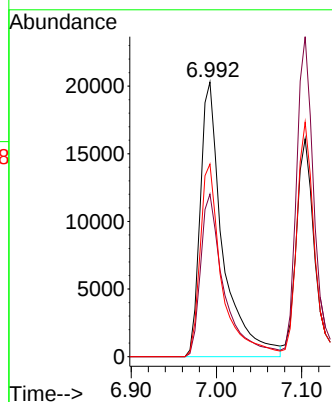
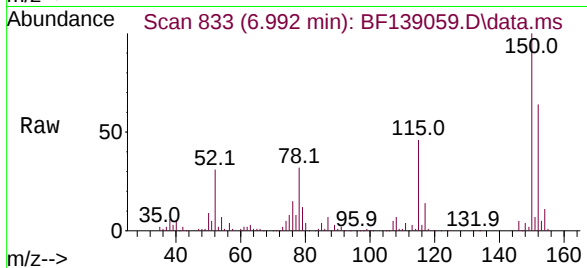
Tgt Ion: 79 Resp: 37438

Ion Ratio Lower Upper

79 100

108 59.2 56.6 85.0

77 70.2 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.275 ng

RT: 7.104 min Scan# 852

Delta R.T. -0.018 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

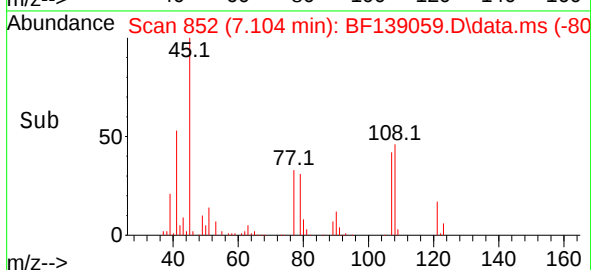
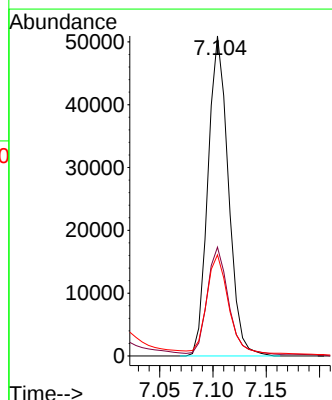
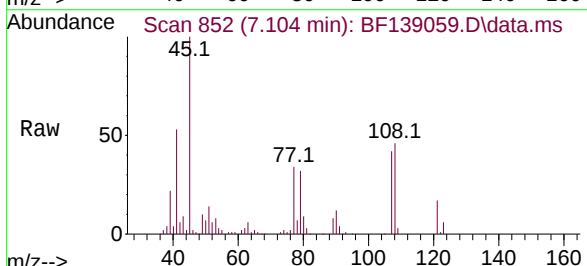
Tgt Ion: 45 Resp: 67870

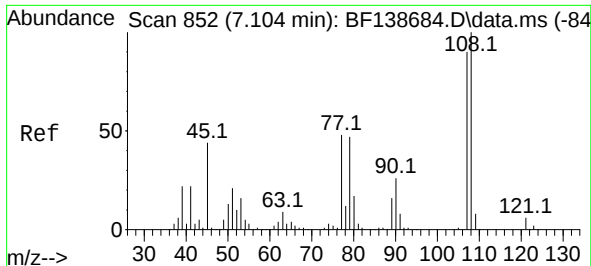
Ion Ratio Lower Upper

45 100

77 34.0 0.0 34.9

79 31.6 0.0 32.2

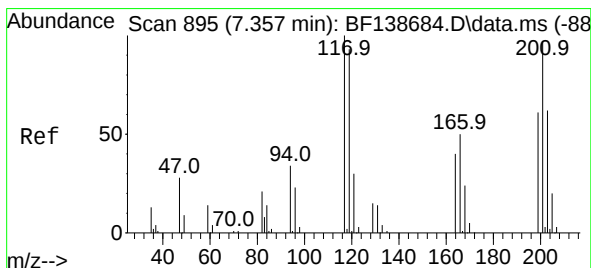
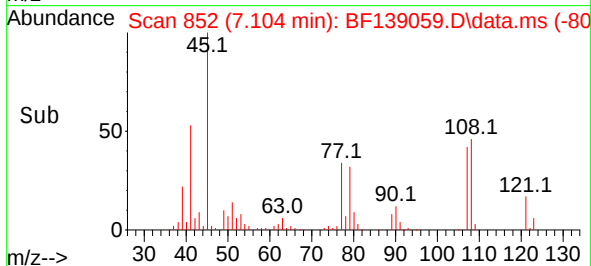
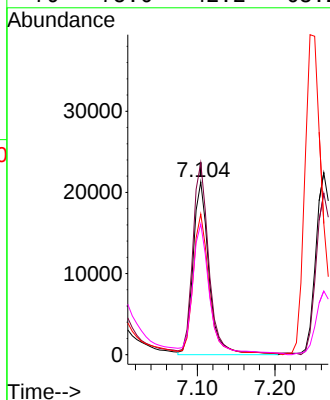
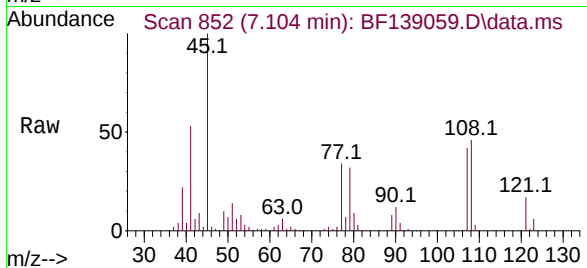




#17
2-Methylphenol
Concen: 10.002 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

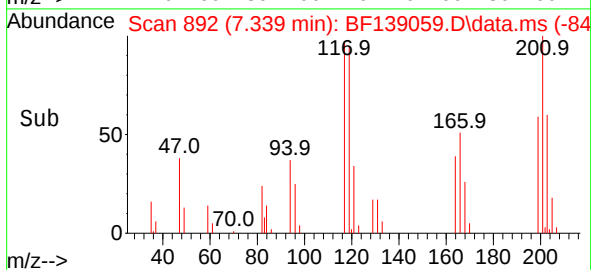
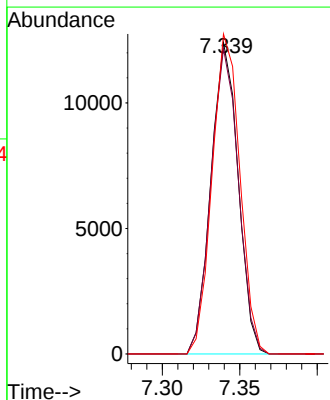
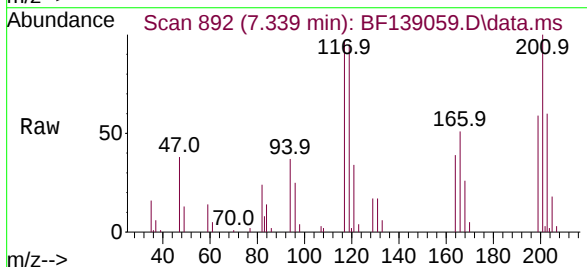
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:	107	Resp:	30658
Ion Ratio	Lower	Upper	
107	100		
108	111.0	89.2	133.8
77	81.4	43.0	64.4#
79	75.6	42.2	63.2#



#18
Hexachloroethane
Concen: 9.567 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:	117	Resp:	15102
Ion Ratio	Lower	Upper	
117	100		
119	98.0	74.6	111.8
201	102.7	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 10.587 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF139059.D

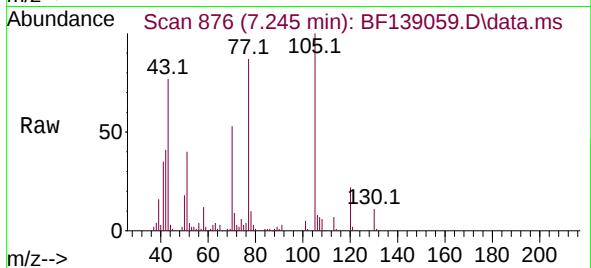
Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion: 70 Resp: 30289

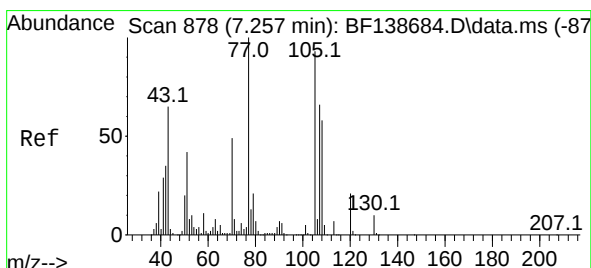
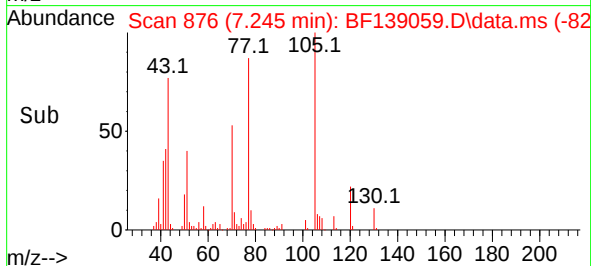
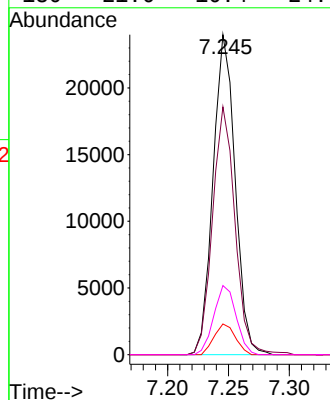
Ion Ratio Lower Upper

70 100

42 77.5 57.4 86.0

101 9.6 7.5 11.3

130 21.6 16.4 24.6



#20

3+4-Methylphenols

Concen: 10.307 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Tgt Ion:107 Resp: 40535

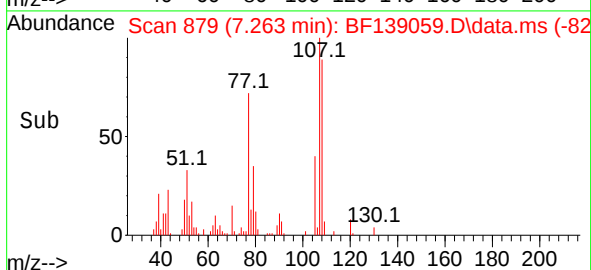
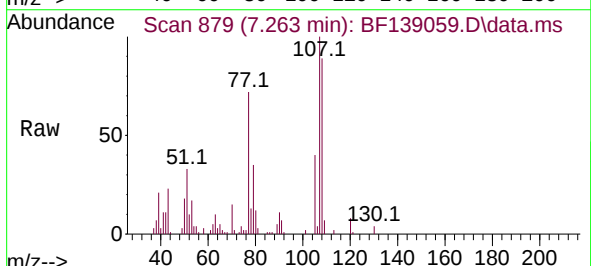
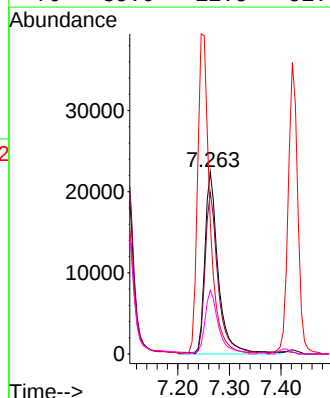
Ion Ratio Lower Upper

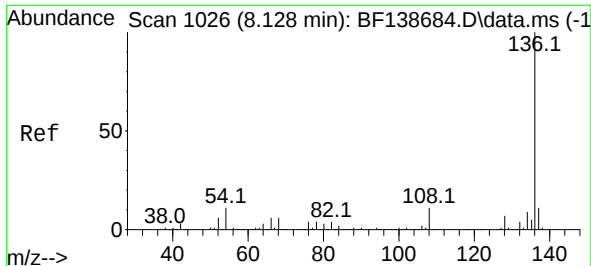
107 100

108 88.7 68.2 108.2

77 72.1 132.1 172.1#

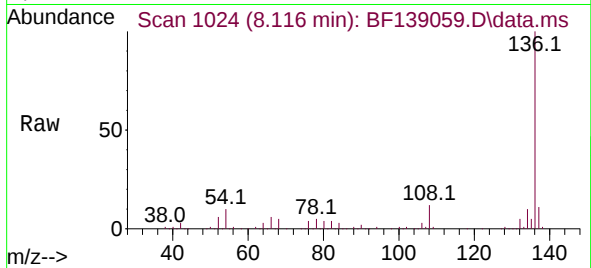
79 35.0 11.5 51.5



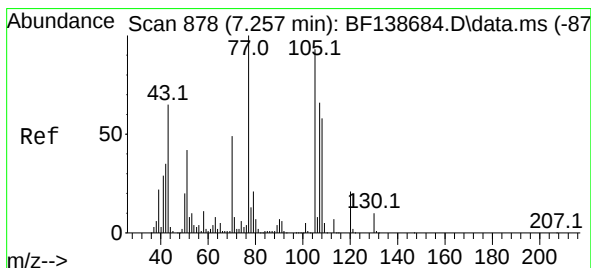
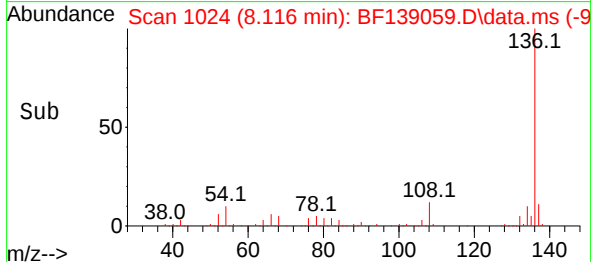
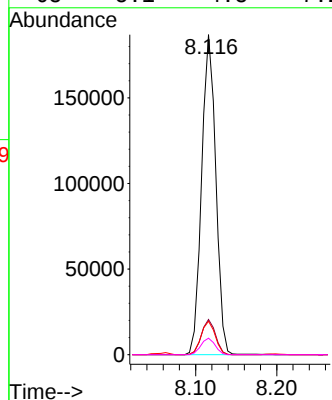


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

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

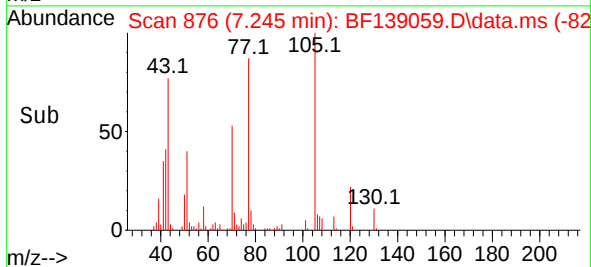
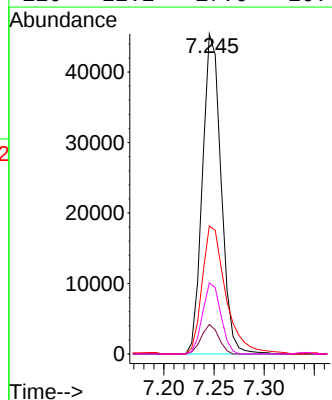
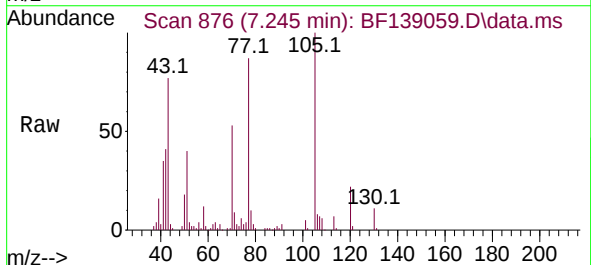


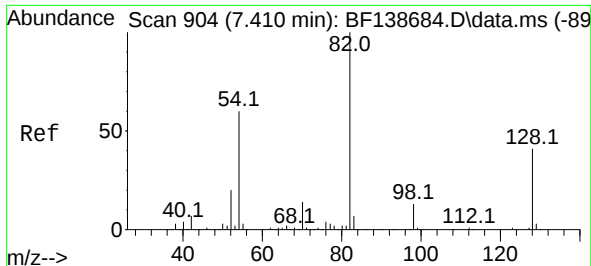
Tgt Ion:	136	Resp:	226311
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	10.4	8.6	12.8
68	5.1	4.8	7.2



#22
Acetophenone
Concen: 10.632 ng
RT: 7.245 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:	105	Resp:	58916
Ion Ratio	Lower	Upper	
105	100		
71	9.2	7.2	10.8
51	40.0	35.9	53.9
120	22.2	17.6	26.4

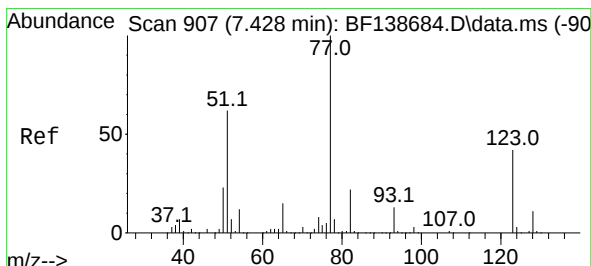
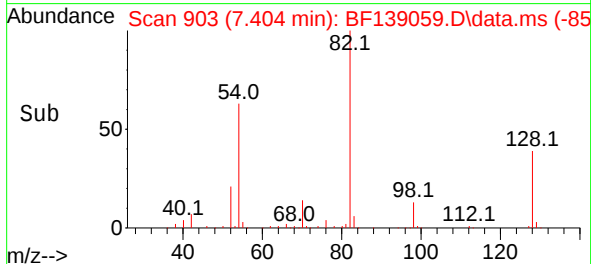
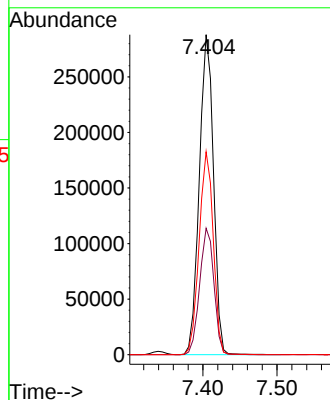
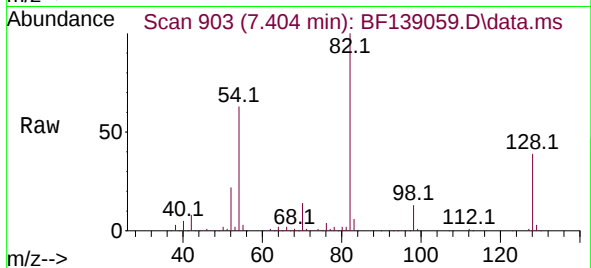




#23
Nitrobenzene-d5
Concen: 82.699 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

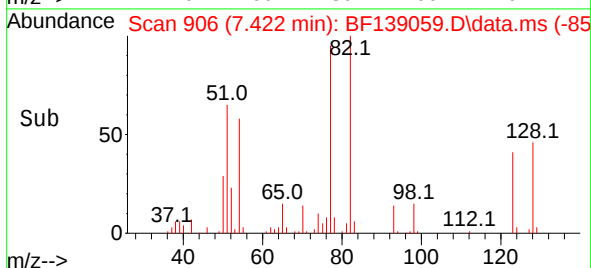
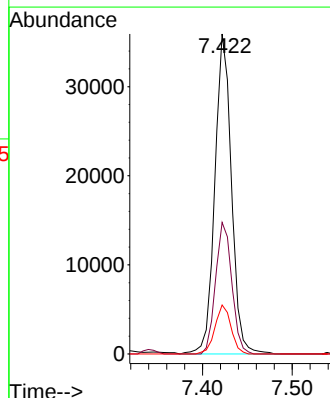
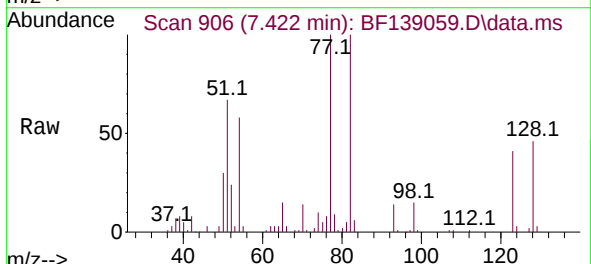
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

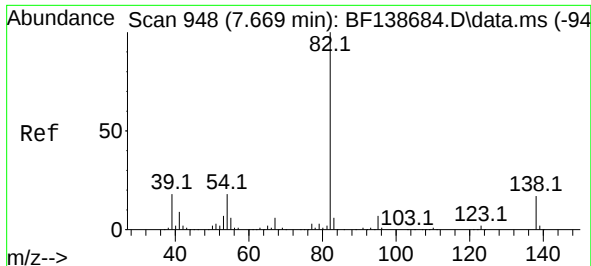
Tgt Ion: 82 Resp: 382801
Ion Ratio Lower Upper
82 100
128 39.5 32.8 49.2
54 63.4 48.3 72.5



#24
Nitrobenzene
Concen: 9.808 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

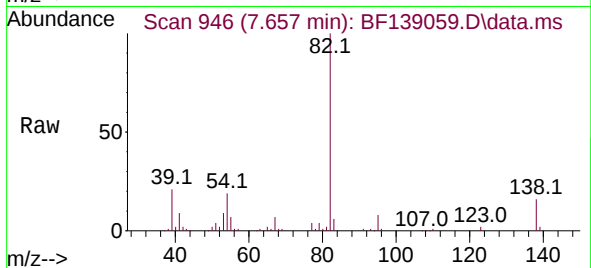
Tgt Ion: 77 Resp: 46196
Ion Ratio Lower Upper
77 100
123 41.1 33.3 49.9
65 15.3 11.9 17.9



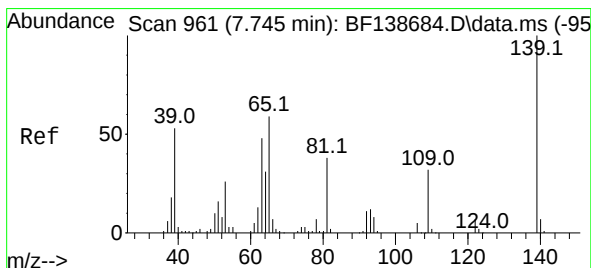
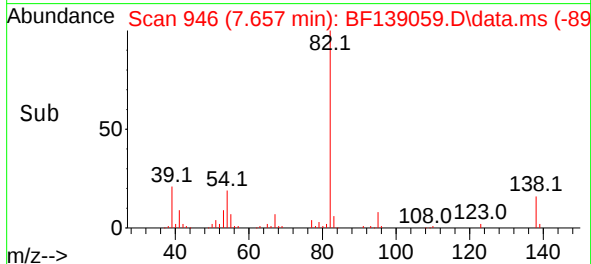
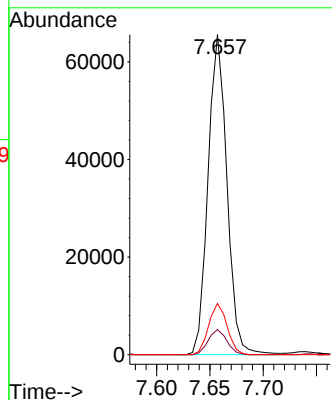


#25
Isophorone
Concen: 10.267 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

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

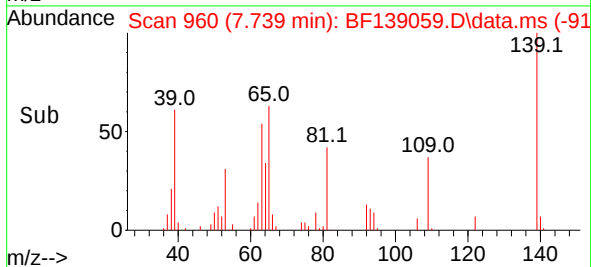
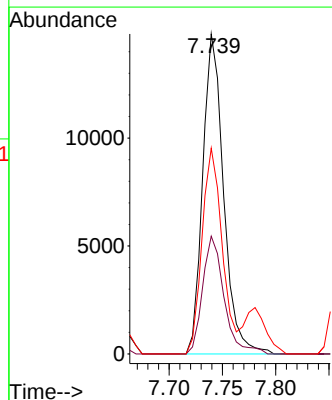
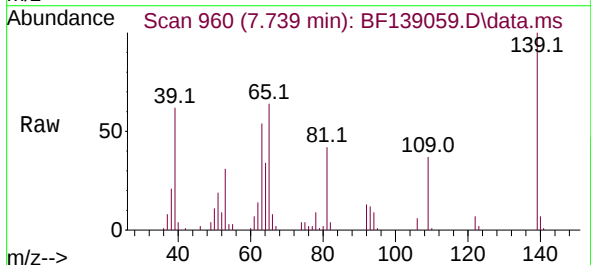


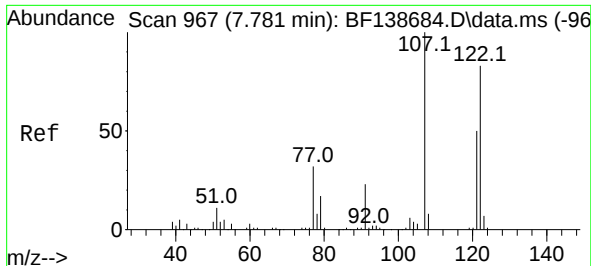
Tgt Ion: 82 Resp: 81154
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 16.0 13.7 20.5



#26
2-Nitrophenol
Concen: 9.964 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:139 Resp: 20192
Ion Ratio Lower Upper
139 100
109 36.8 25.9 38.9
65 64.3 47.0 70.6

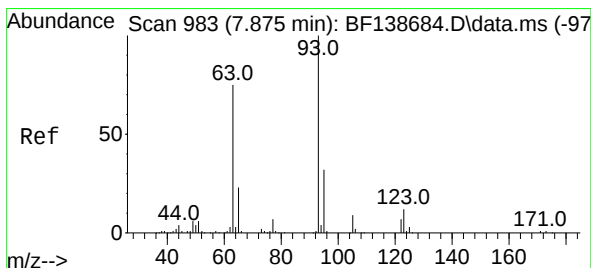
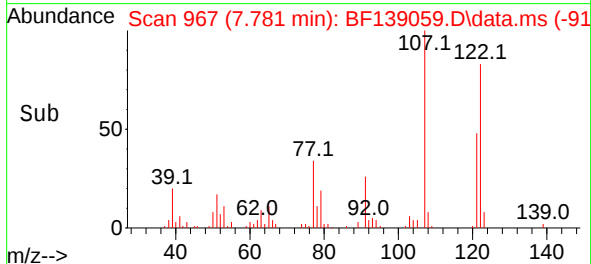
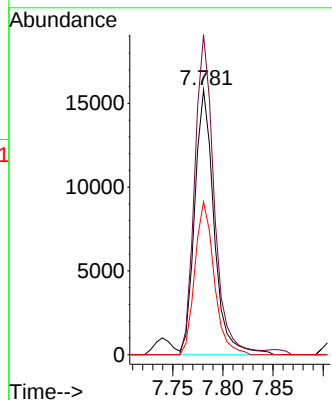
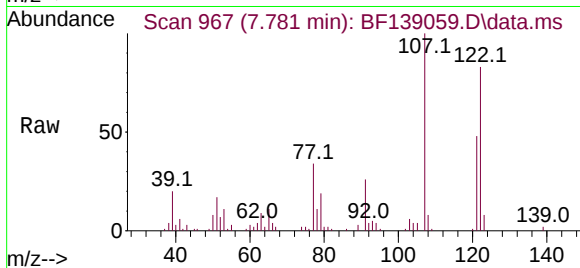




#27
2,4-Dimethylphenol
Concen: 8.752 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

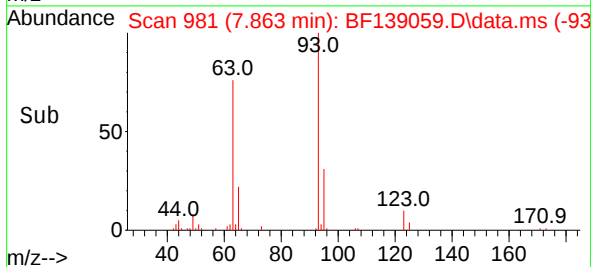
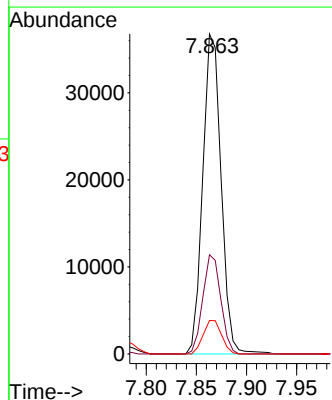
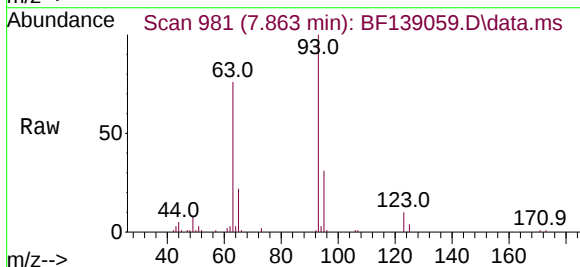
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

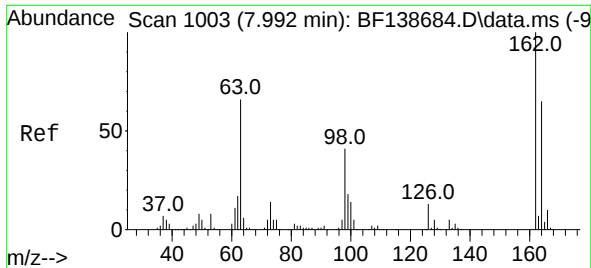
Tgt Ion:122 Resp: 21220
Ion Ratio Lower Upper
122 100
107 120.8 95.0 142.6
121 57.7 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 9.753 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion: 93 Resp: 46946
Ion Ratio Lower Upper
93 100
95 31.0 25.8 38.8
123 10.4 9.4 14.0

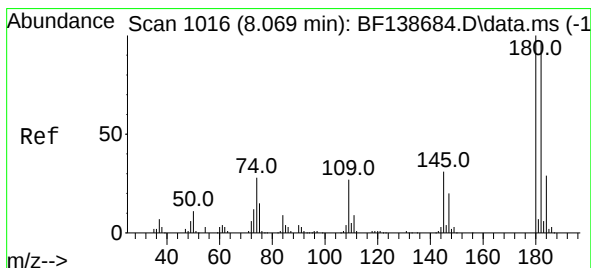
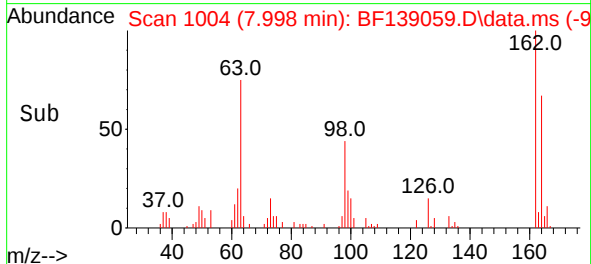
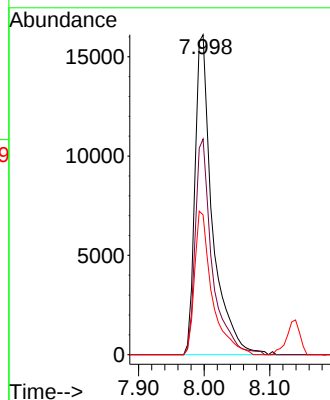
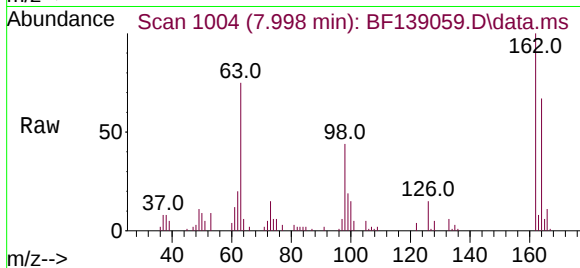




#29
2,4-Dichlorophenol
Concen: 9.579 ng
RT: 7.998 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

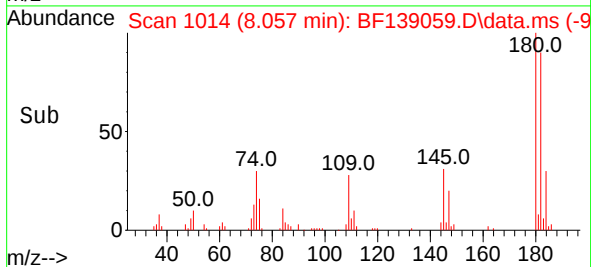
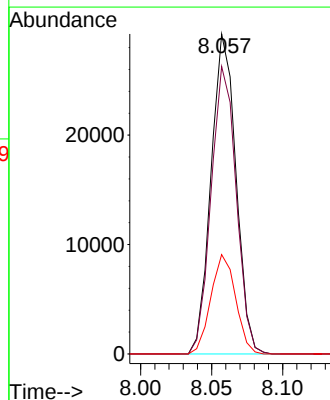
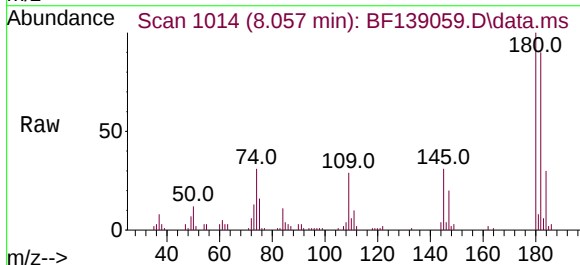
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

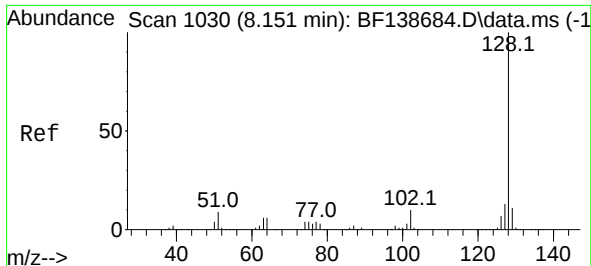
Tgt Ion:162 Resp: 29843
Ion Ratio Lower Upper
162 100
164 67.4 44.7 84.7
98 43.7 20.8 60.8



#30
1,2,4-Trichlorobenzene
Concen: 9.903 ng
RT: 8.057 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:180 Resp: 35605
Ion Ratio Lower Upper
180 100
182 89.9 76.9 115.3
145 31.1 25.0 37.4





#31

Naphthalene

Concen: 9.751 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

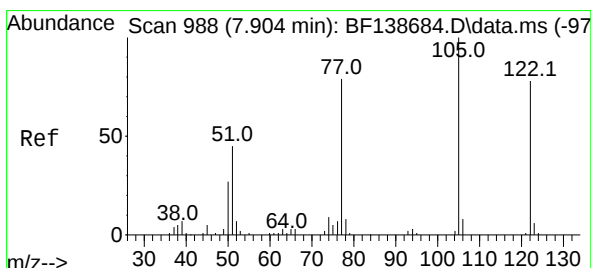
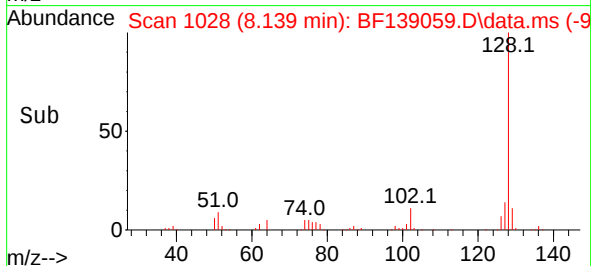
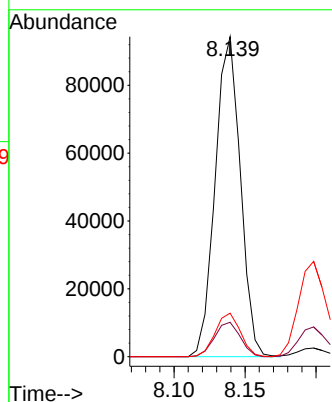
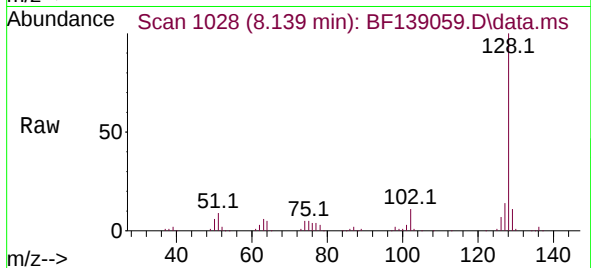
Tgt Ion:128 Resp: 116162

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 13.6 10.6 16.0



#32

Benzoic acid

Concen: 3.438 ng

RT: 7.922 min Scan# 991

Delta R.T. 0.018 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

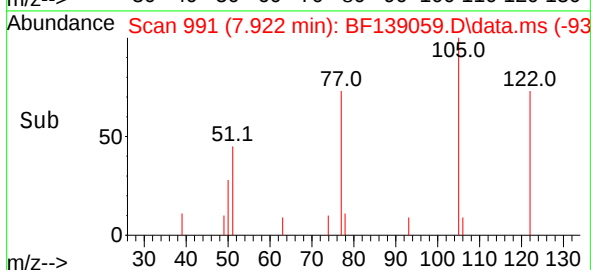
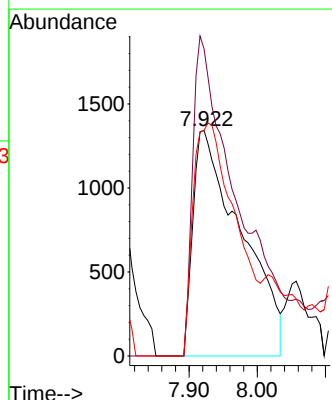
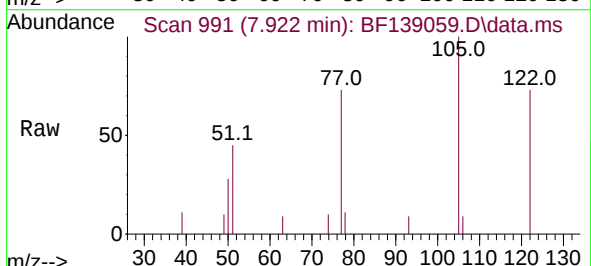
Tgt Ion:122 Resp: 6552

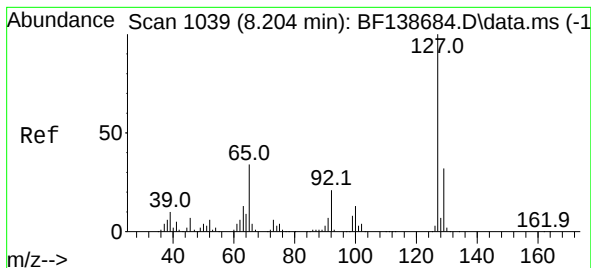
Ion Ratio Lower Upper

122 100

105 136.1 106.7 146.7

77 100.0 81.1 121.1





#33

4-Chloroaniline

Concen: 10.503 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:127 Resp: 41997

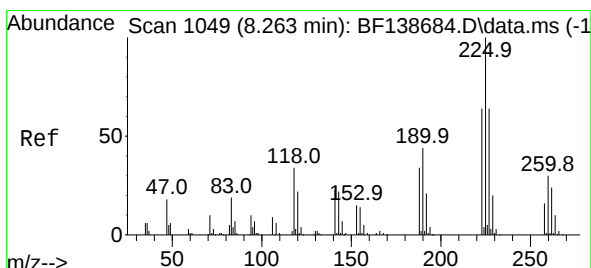
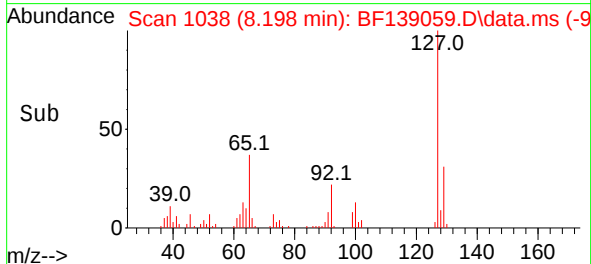
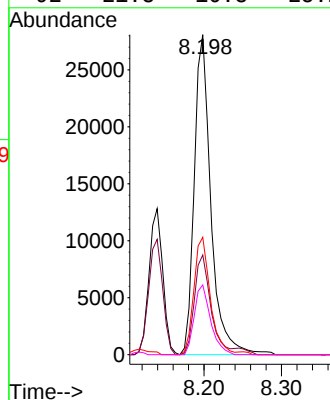
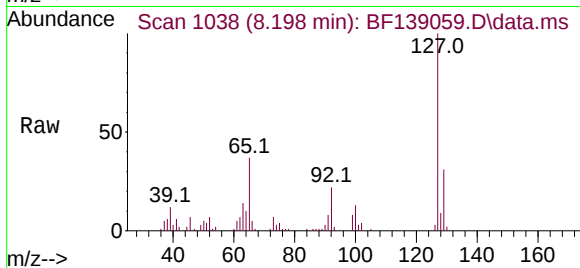
Ion Ratio Lower Upper

127 100

129 31.2 25.9 38.9

65 36.7 27.6 41.4

92 21.8 16.8 25.2



#34

Hexachlorobutadiene

Concen: 10.024 ng

RT: 8.245 min Scan# 1046

Delta R.T. -0.018 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

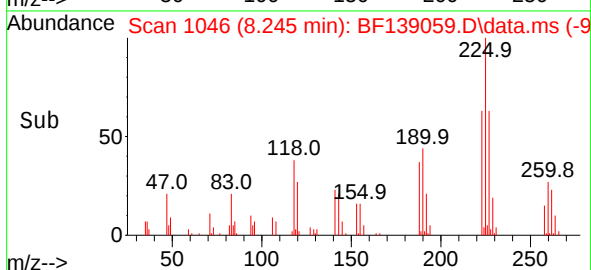
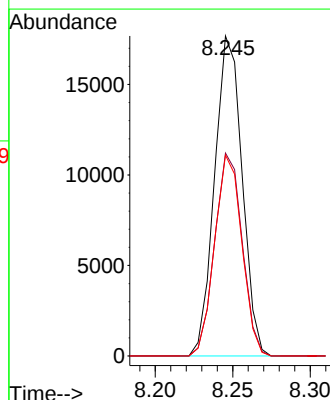
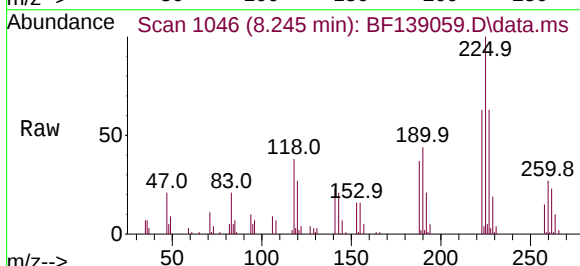
Tgt Ion:225 Resp: 21829

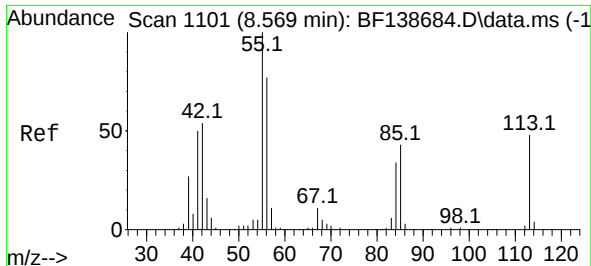
Ion Ratio Lower Upper

225 100

223 63.4 51.2 76.8

227 62.8 51.1 76.7





#35

Caprolactam

Concen: 10.349 ng

RT: 8.545 min Scan# 1101

Delta R.T. -0.024 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

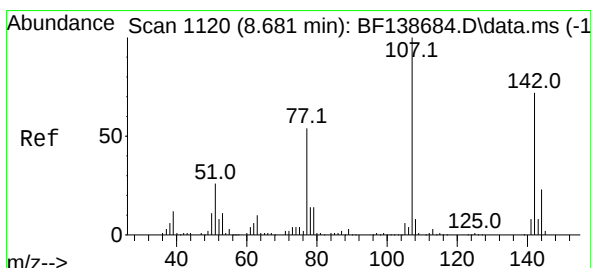
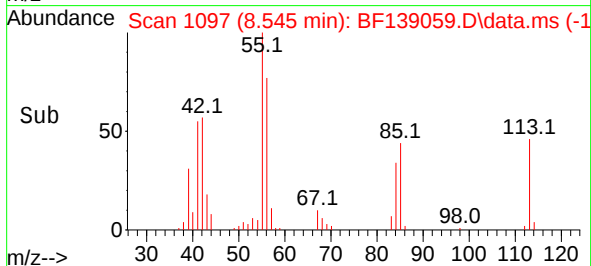
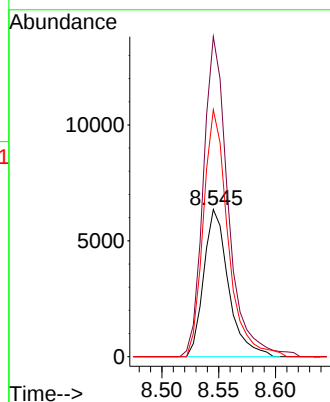
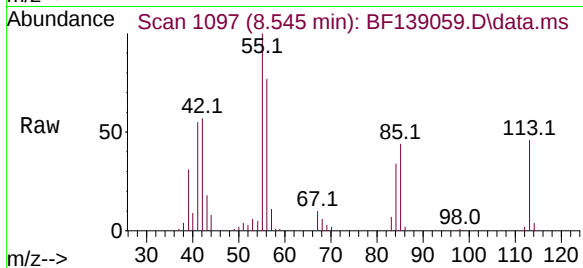
Tgt Ion:113 Resp: 9621

Ion Ratio Lower Upper

113 100

55 217.4 186.7 226.7

56 167.7 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 10.067 ng

RT: 8.681 min Scan# 1120

Delta R.T. -0.000 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

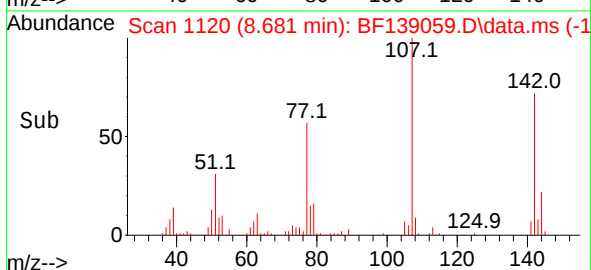
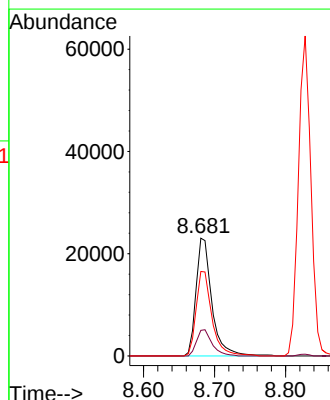
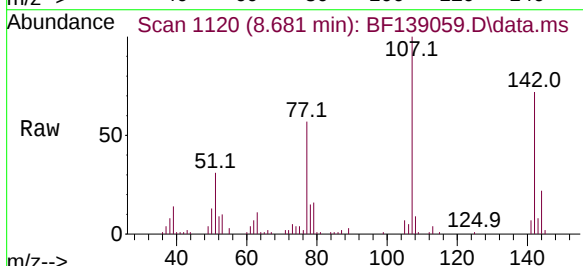
Tgt Ion:107 Resp: 35844

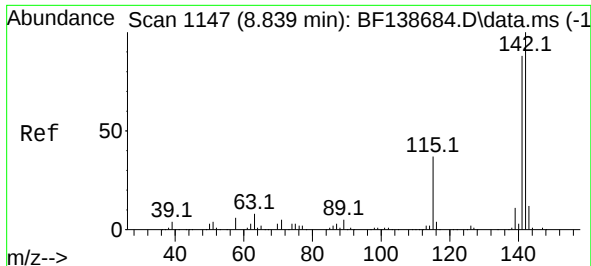
Ion Ratio Lower Upper

107 100

144 21.7 18.2 27.2

142 71.8 57.4 86.2





#37

2-Methylnaphthalene

Concen: 10.161 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

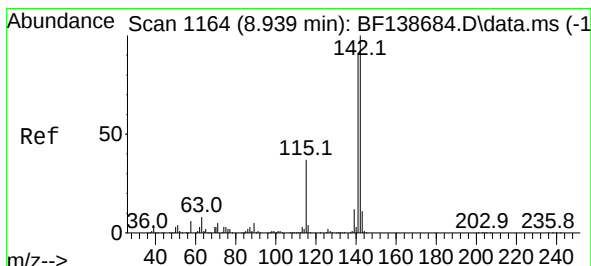
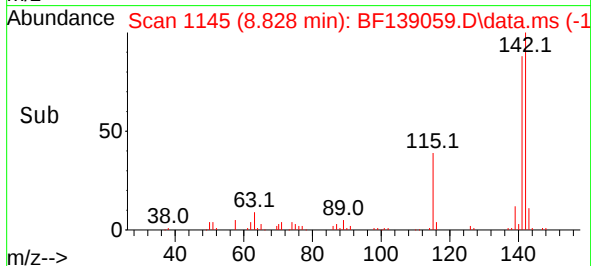
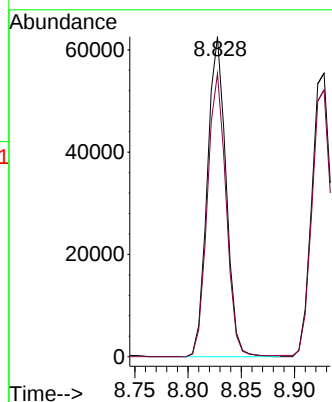
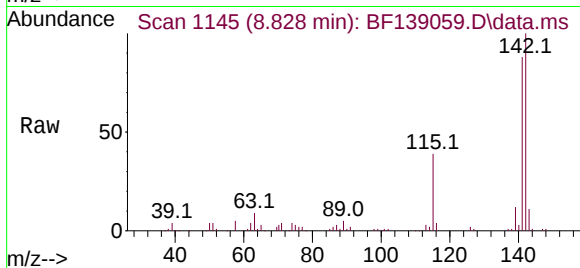
LOQ-WATER-02-QT3-2024

Tgt Ion:142 Resp: 76445

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2



#38

1-Methylnaphthalene

Concen: 9.522 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139059.D

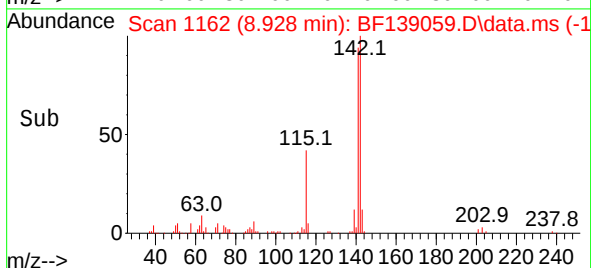
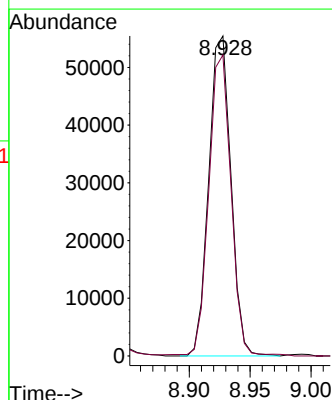
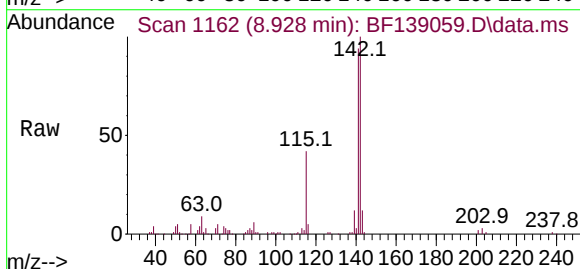
Acq: 16 Aug 2024 15:59

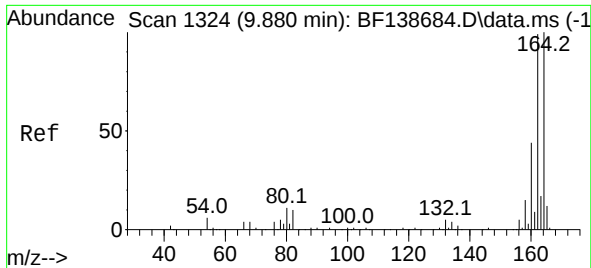
Tgt Ion:142 Resp: 70200

Ion Ratio Lower Upper

142 100

141 94.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1173

Delta R.T. -0.011 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

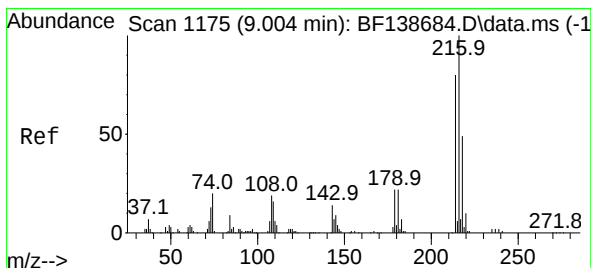
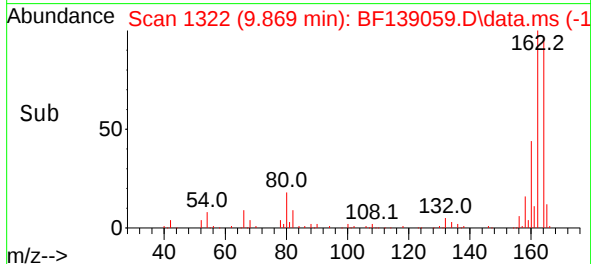
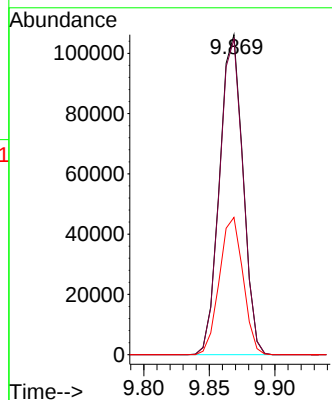
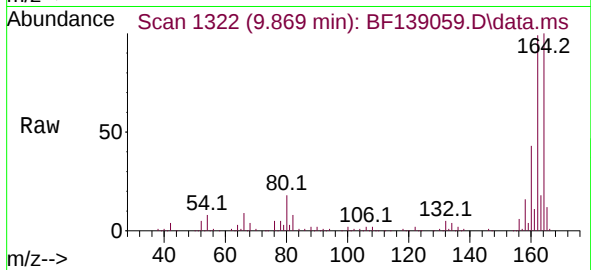
Tgt Ion:164 Resp: 131540

Ion Ratio Lower Upper

164 100

162 98.6 79.4 119.0

160 42.9 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.751 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Tgt Ion:216 Resp: 35629

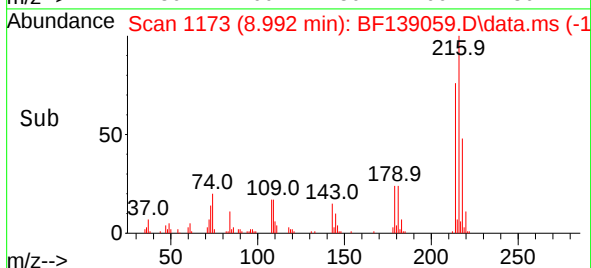
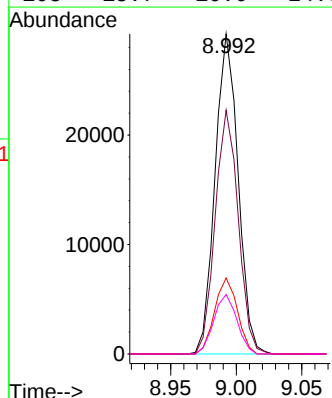
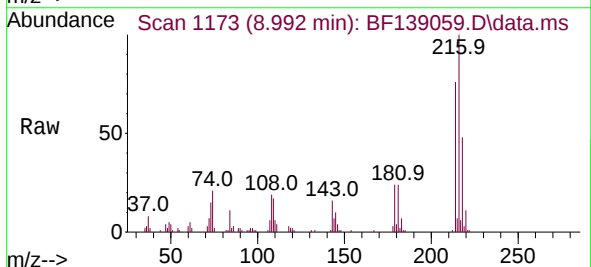
Ion Ratio Lower Upper

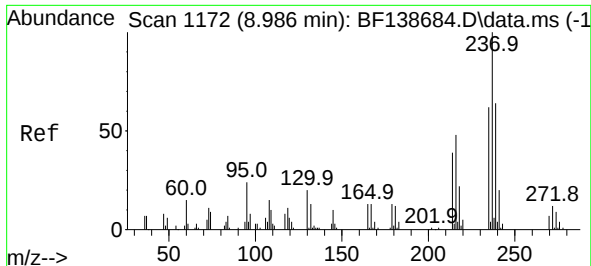
216 100

214 76.1 63.9 95.9

179 23.5 17.8 26.6

108 18.7 16.0 24.0

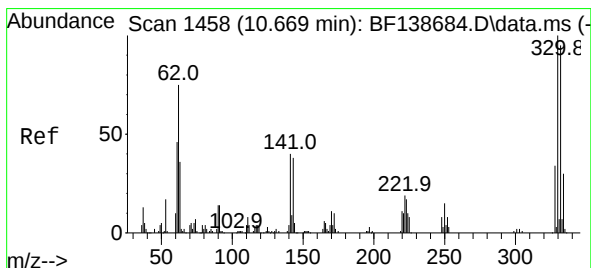
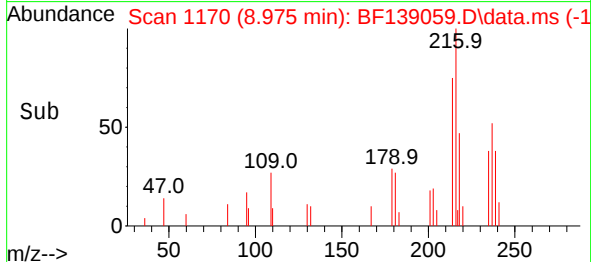
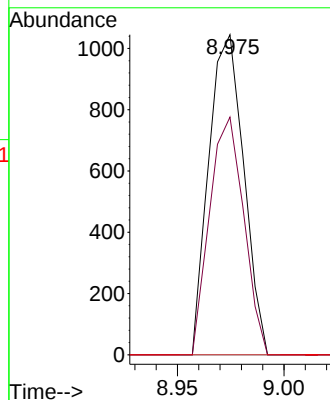
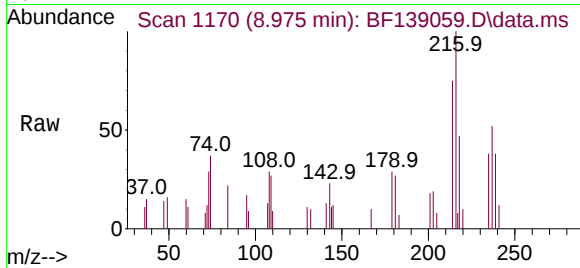




#41
Hexachlorocyclopentadiene
Concen: 8.092 ng
RT: 8.975 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

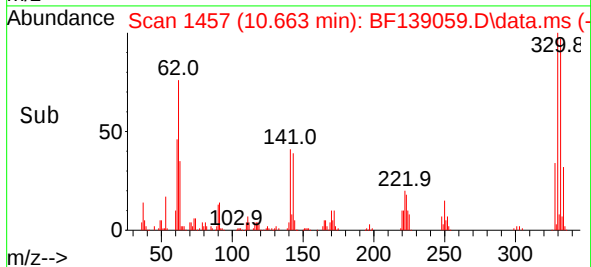
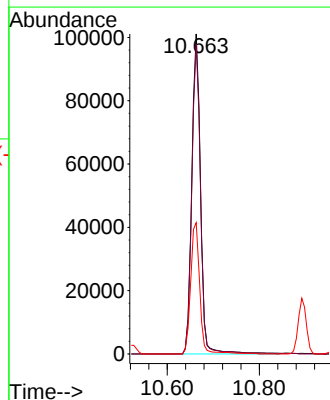
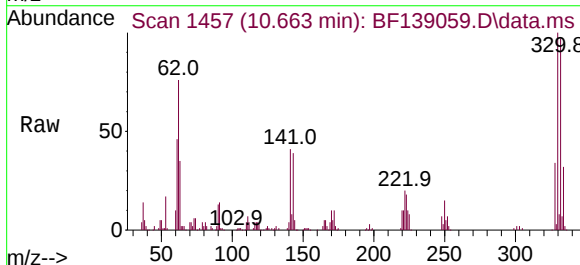
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

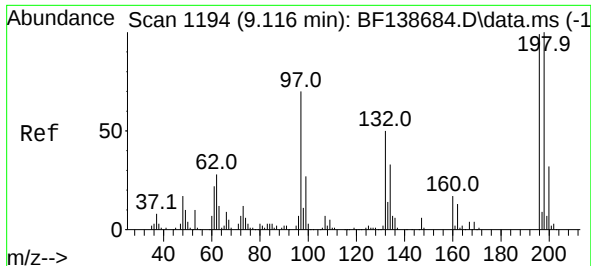
Tgt Ion:	237	Resp:	1193
Ion Ratio	Lower	Upper	
237	100		
235	74.3	41.8	81.8
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 123.577 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:	330	Resp:	133153
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.4	114.6
141	42.7	31.1	46.7





#43

2,4,6-Trichlorophenol

Concen: 8.583 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

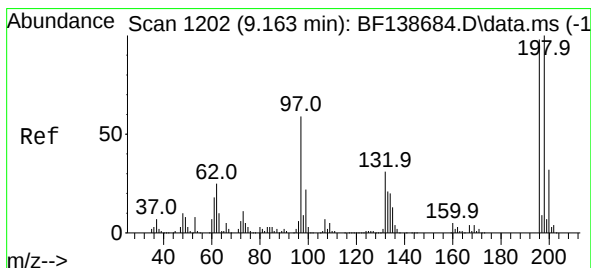
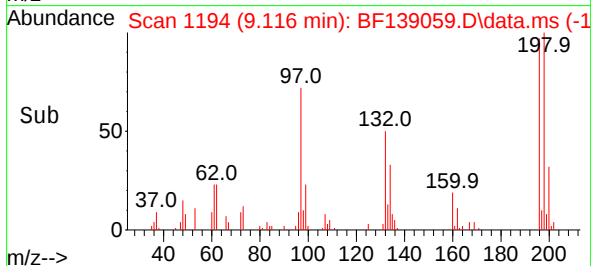
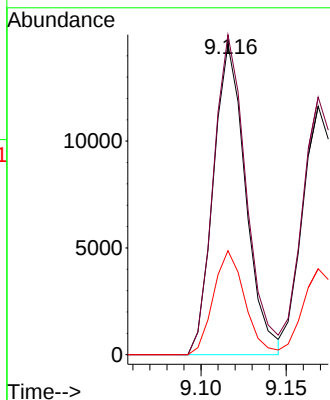
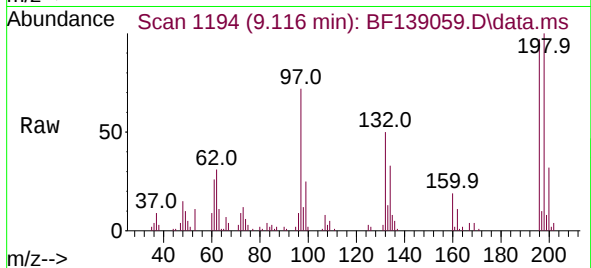
Tgt Ion:196 Resp: 19123

Ion Ratio Lower Upper

196 100

198 103.0 80.5 120.7

200 33.5 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 8.446 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Tgt Ion:196 Resp: 20570

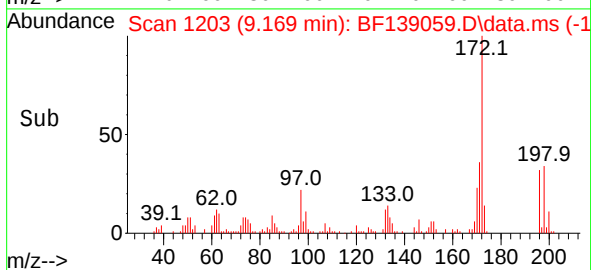
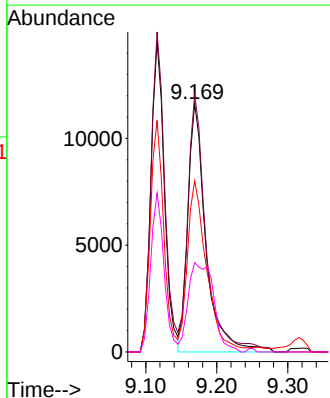
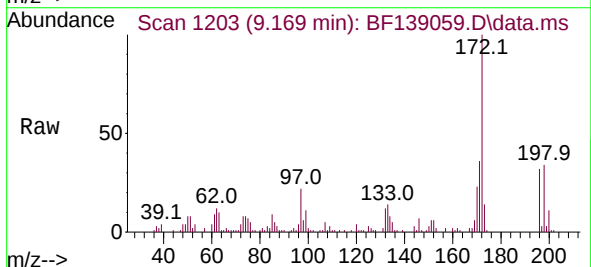
Ion Ratio Lower Upper

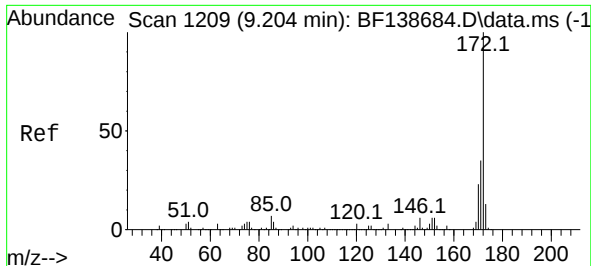
196 100

198 103.7 81.2 121.8

97 68.9 47.8 71.6

132 35.9 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 80.128 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

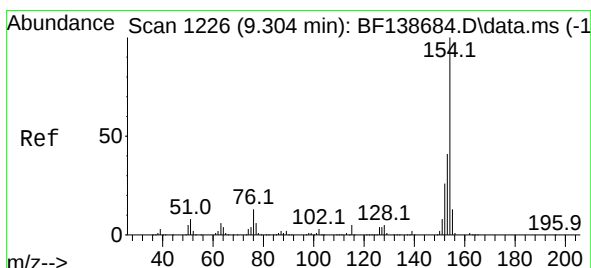
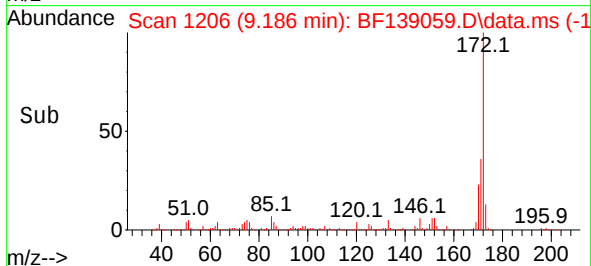
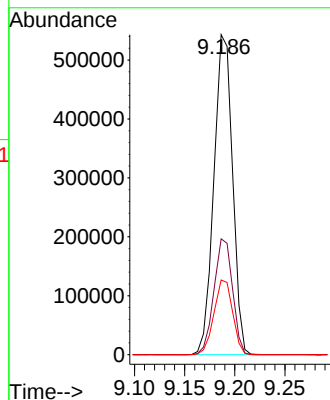
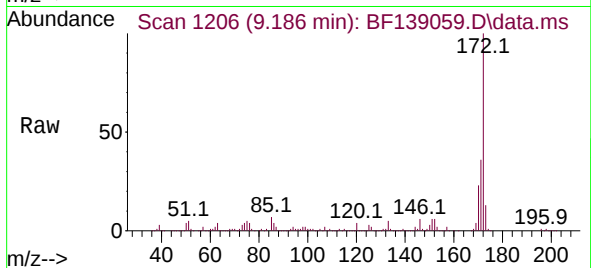
Tgt Ion:172 Resp: 701501

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.4 18.8 28.2



#46

1,1'-Biphenyl

Concen: 9.559 ng

RT: 9.286 min Scan# 1223

Delta R.T. -0.018 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

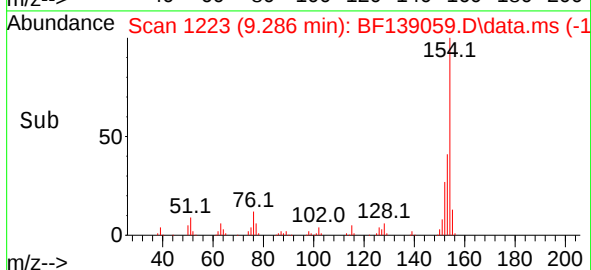
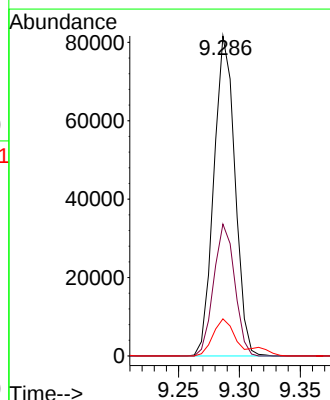
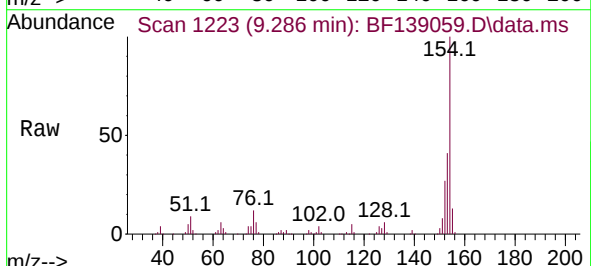
Tgt Ion:154 Resp: 98473

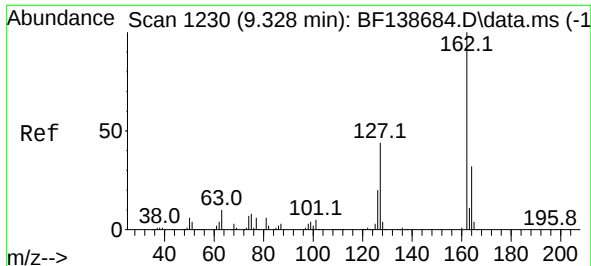
Ion Ratio Lower Upper

154 100

153 41.2 20.8 60.8

76 11.6 0.0 32.8





#47

2-Chloronaphthalene

Concen: 9.398 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

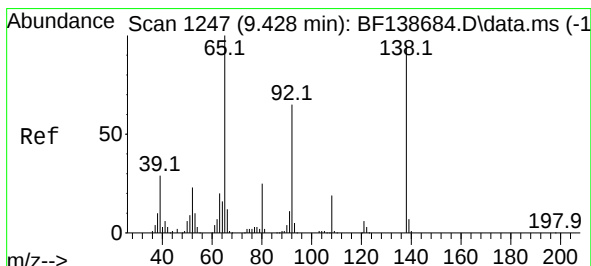
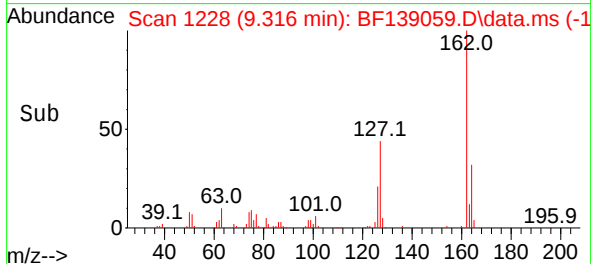
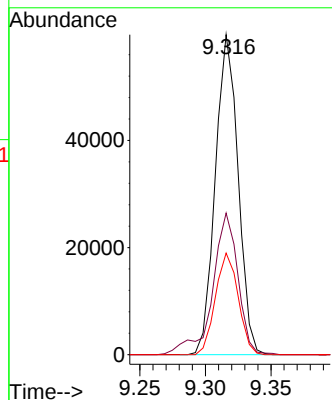
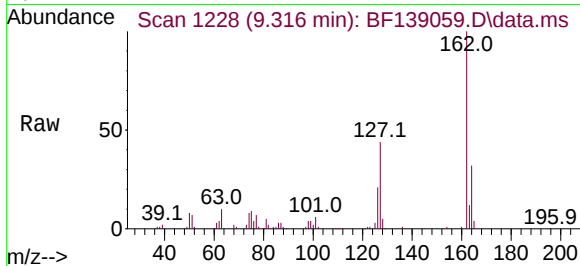
Tgt Ion:162 Resp: 72004

Ion Ratio Lower Upper

162 100

127 44.3 35.4 53.2

164 31.7 25.6 38.4



#48

2-Nitroaniline

Concen: 10.064 ng

RT: 9.422 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

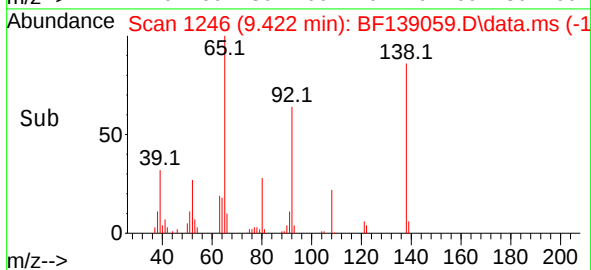
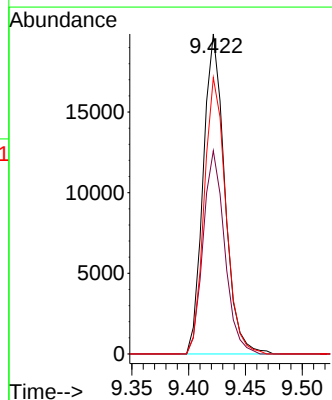
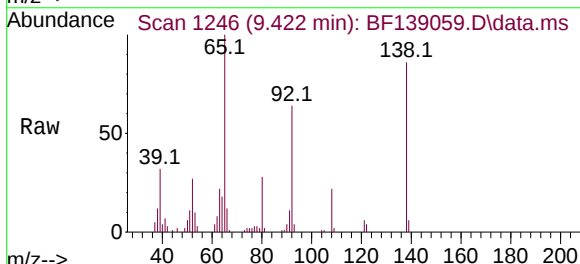
Tgt Ion: 65 Resp: 26141

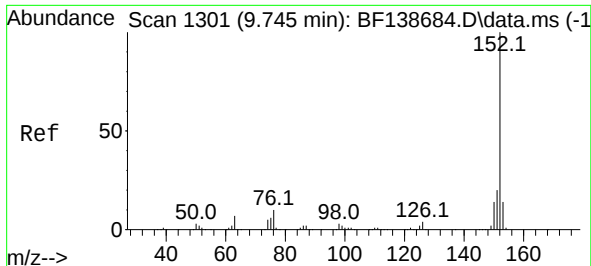
Ion Ratio Lower Upper

65 100

92 63.5 52.0 78.0

138 86.4 76.2 114.4





#49

Acenaphthylene

Concen: 10.551 ng

RT: 9.728 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF139059.D

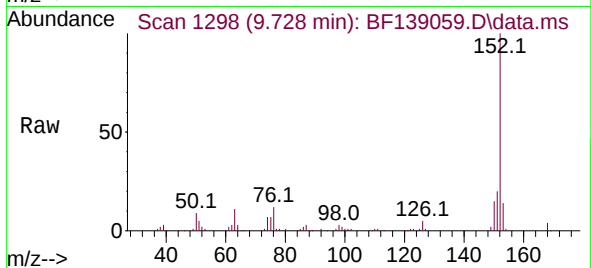
Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



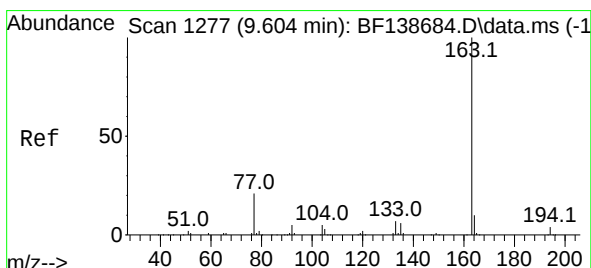
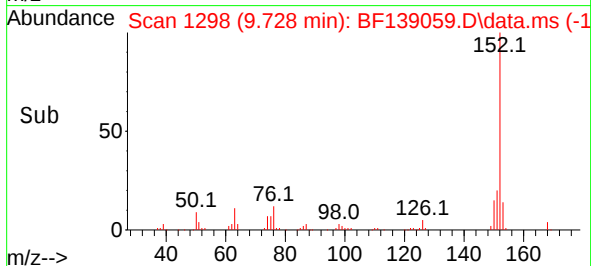
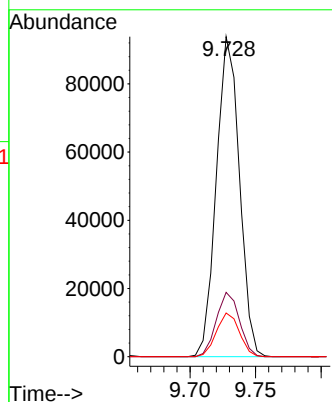
Tgt Ion:152 Resp: 114658

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.7 11.0 16.4



#50

Dimethylphthalate

Concen: 10.256 ng

RT: 9.586 min Scan# 1274

Delta R.T. -0.018 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

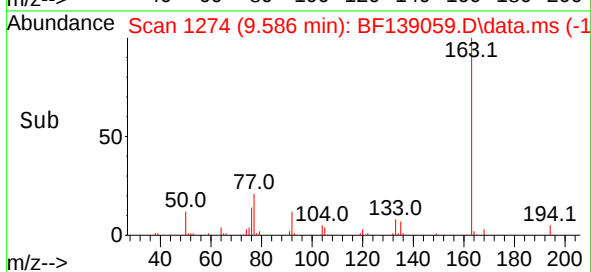
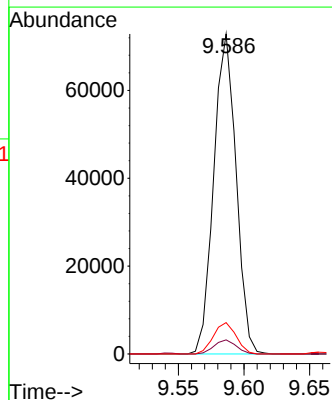
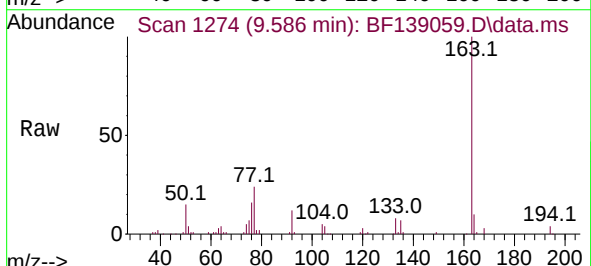
Tgt Ion:163 Resp: 86258

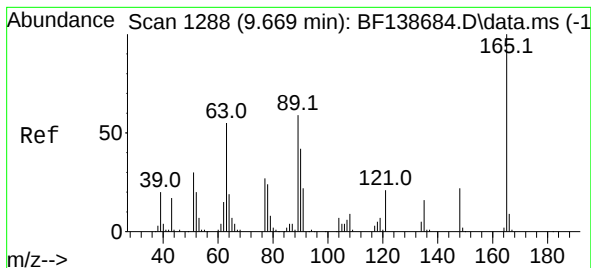
Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

164 9.8 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 9.794 ng

RT: 9.657 min Scan# 1286

Delta R.T. -0.012 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

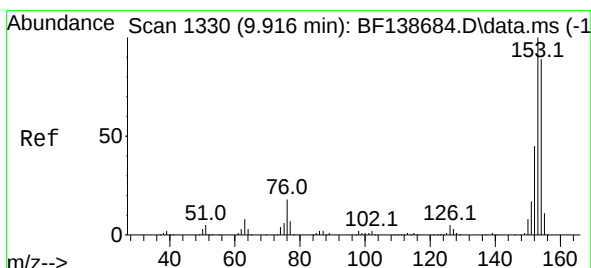
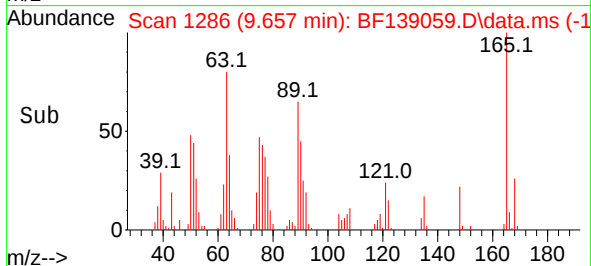
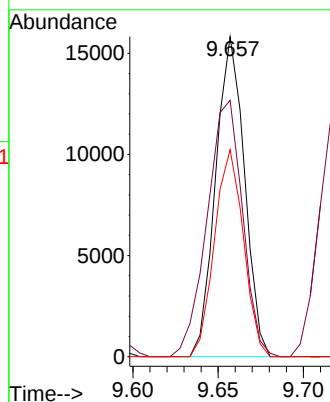
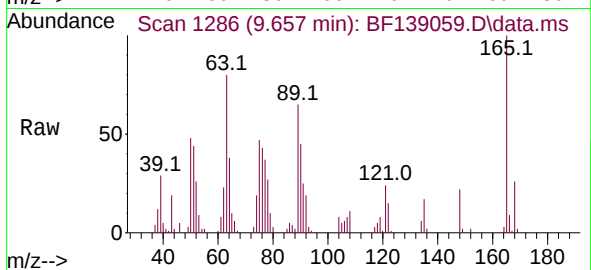
Tgt Ion:165 Resp: 18591

Ion Ratio Lower Upper

165 100

63 80.1 52.0 78.0#

89 64.7 47.0 70.6



#52

Acenaphthene

Concen: 9.467 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

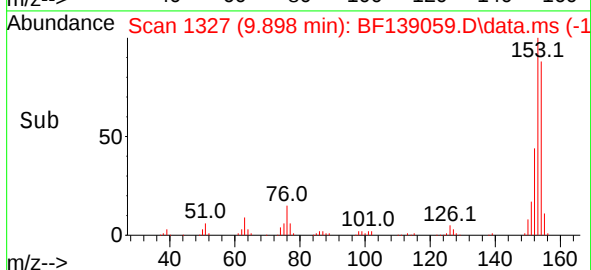
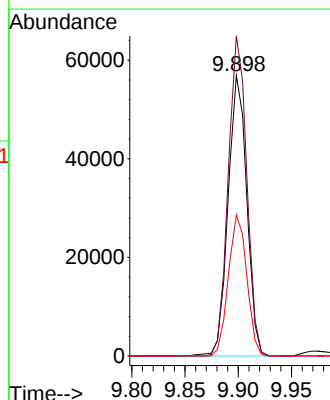
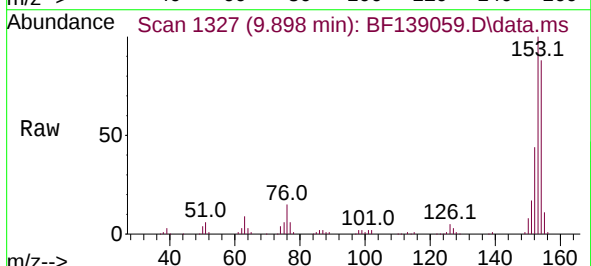
Tgt Ion:154 Resp: 69153

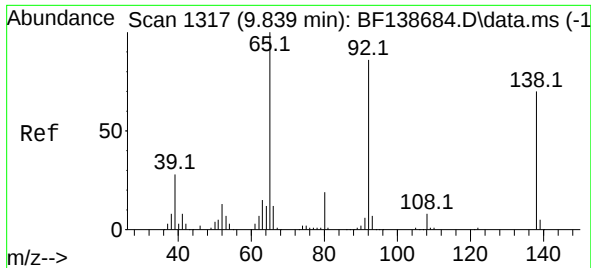
Ion Ratio Lower Upper

154 100

153 114.1 89.9 134.9

152 50.3 40.6 60.8





#53

3-Nitroaniline

Concen: 9.598 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF139059.D

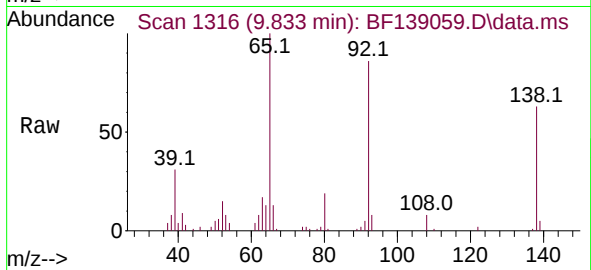
Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



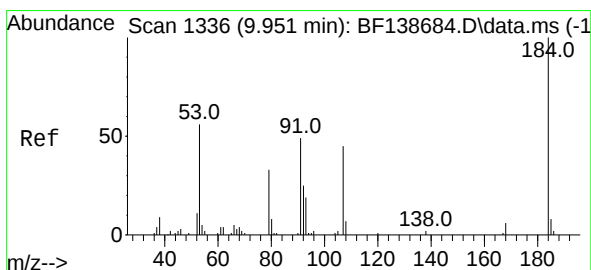
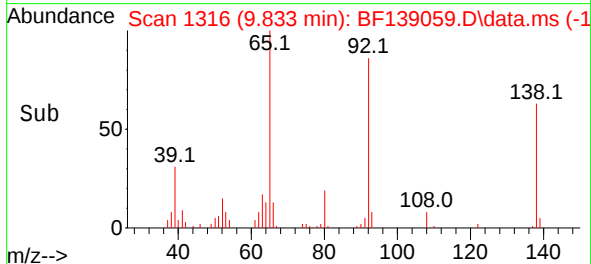
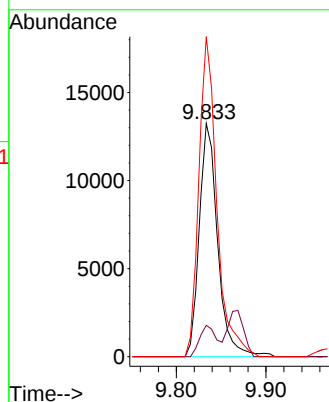
Tgt Ion:138 Resp: 18834

Ion Ratio Lower Upper

138 100

108 13.5 9.1 13.7

92 137.3 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 4.807 ng

RT: 9.969 min Scan# 1339

Delta R.T. 0.018 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

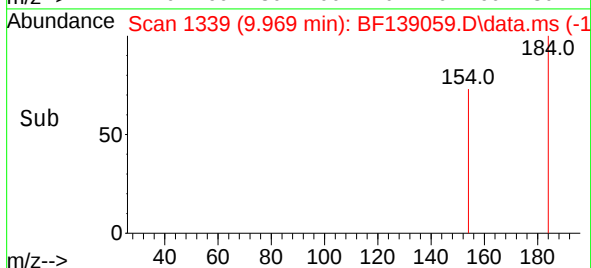
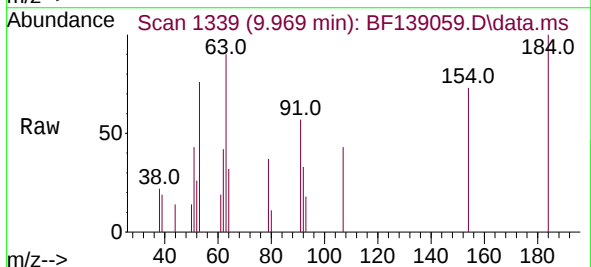
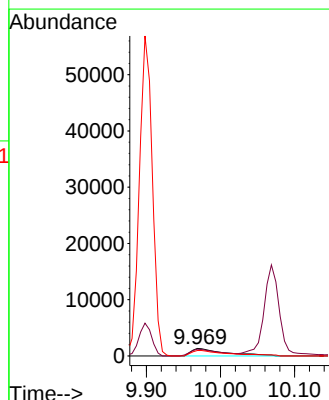
Tgt Ion:184 Resp: 4200

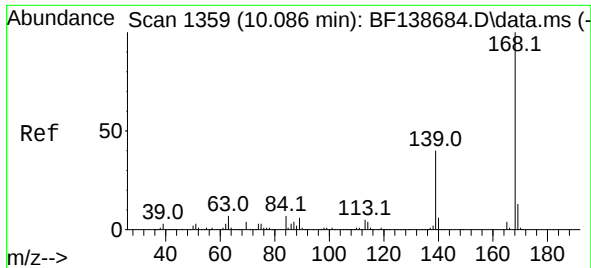
Ion Ratio Lower Upper

184 100

63 89.5 57.5 86.3#

154 73.3 51.7 77.5

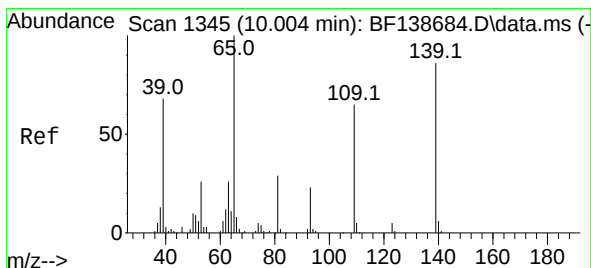
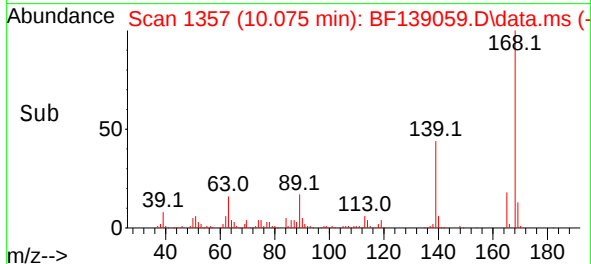
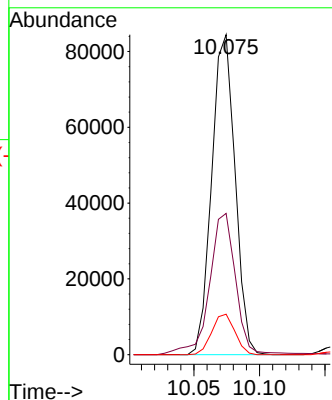
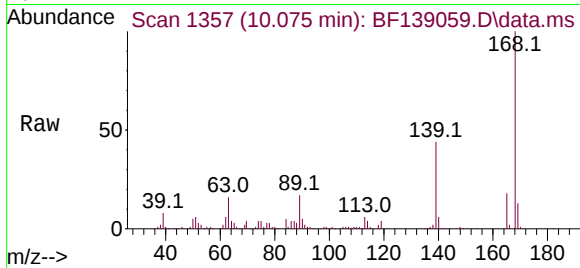




#55
Dibenzenofuran
Concen: 10.155 ng
RT: 10.075 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

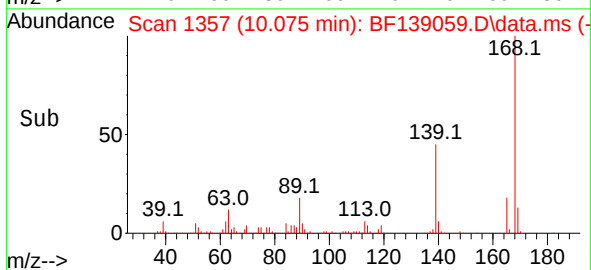
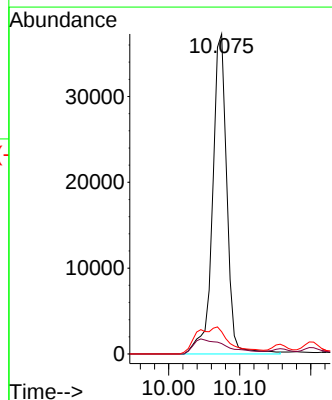
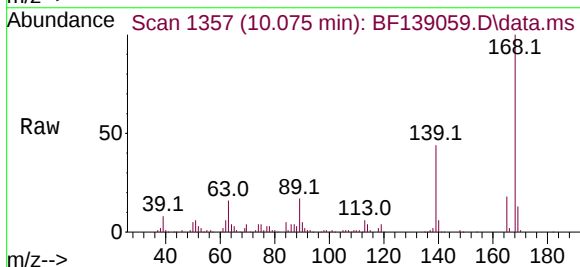
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2024

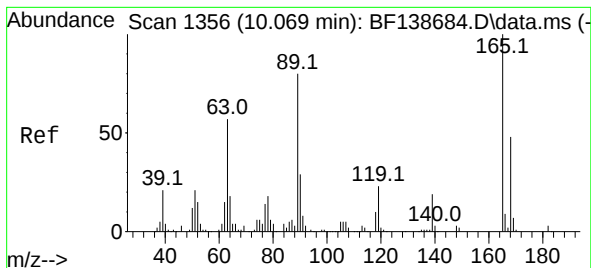
Tgt Ion:168 Resp: 104714
Ion Ratio Lower Upper
168 100
139 44.2 32.6 49.0
169 12.7 10.7 16.1



#56
4-Nitrophenol
Concen: 44.151 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.071 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:139 Resp: 52099
Ion Ratio Lower Upper
139 100
109 3.3 55.5 95.5#
65 7.0 96.7 136.7#

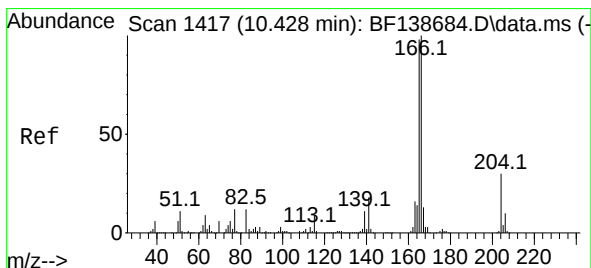
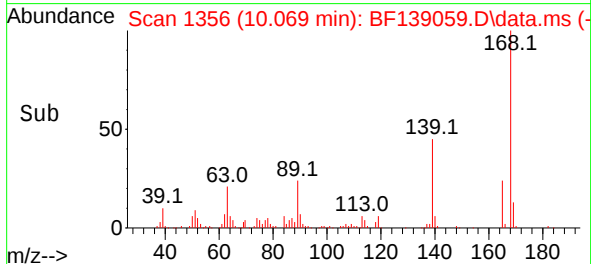
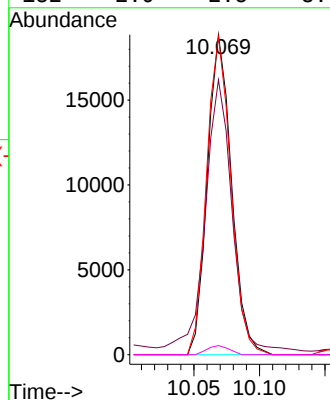
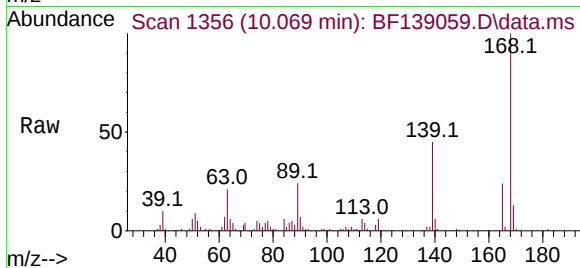




#57
2,4-Dinitrotoluene
Concen: 9.981 ng
RT: 10.069 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

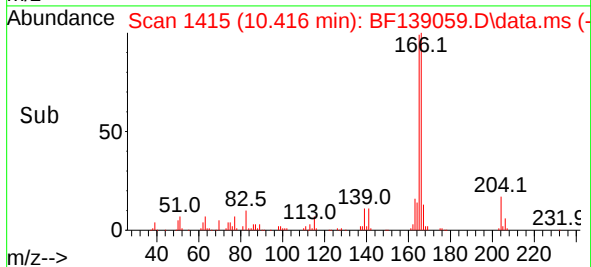
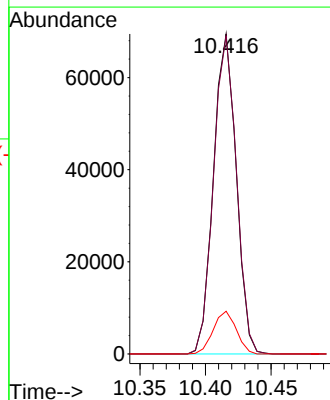
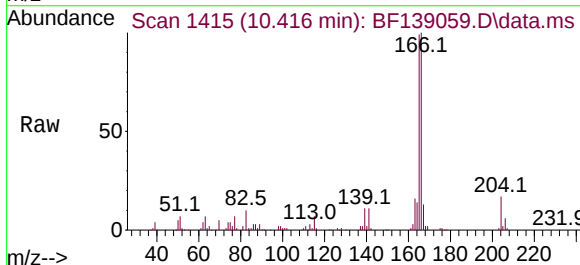
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

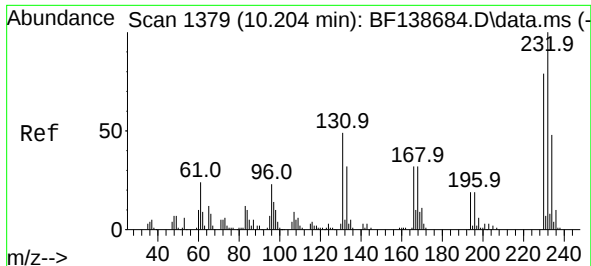
Tgt Ion:165	Resp:	24172
Ion Ratio	Lower	Upper
165	100	
63	85.9	46.3 69.5#
89	99.4	64.2 96.4#
182	2.9	2.5 3.7



#58
Fluorene
Concen: 10.209 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:166	Resp:	83832
Ion Ratio	Lower	Upper
166	100	
165	99.4	78.4 117.6
167	13.4	10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.913 ng

RT: 10.204 min Scan# 1379

Delta R.T. -0.000 min

Lab File: BF139059.D

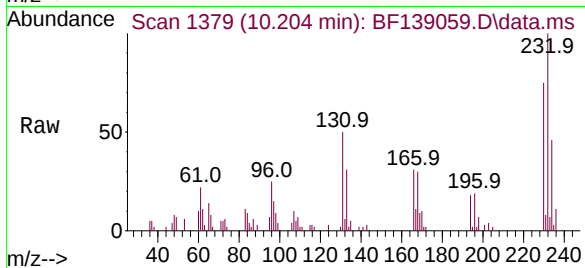
Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:232 Resp: 18458

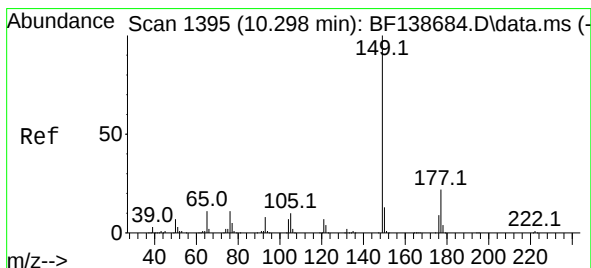
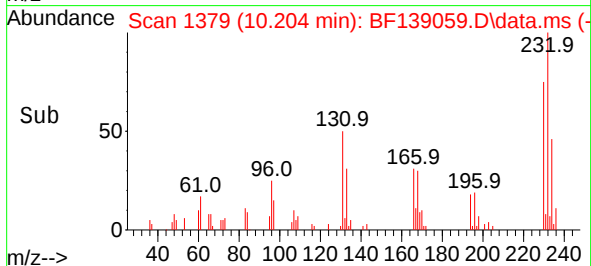
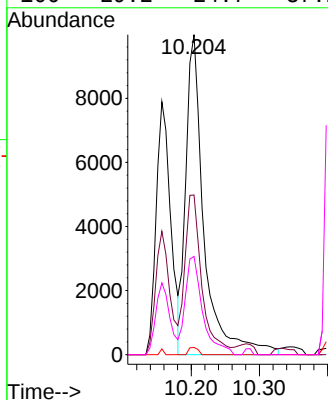
Ion Ratio Lower Upper

232 100

131 46.3 37.0 55.4

130 1.2 2.0 3.0#

166 29.2 24.7 37.1



#60

Diethylphthalate

Concen: 11.054 ng

RT: 10.280 min Scan# 1392

Delta R.T. -0.018 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

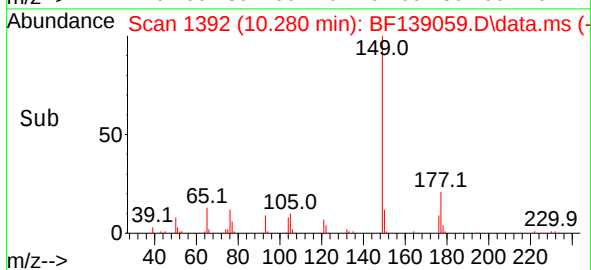
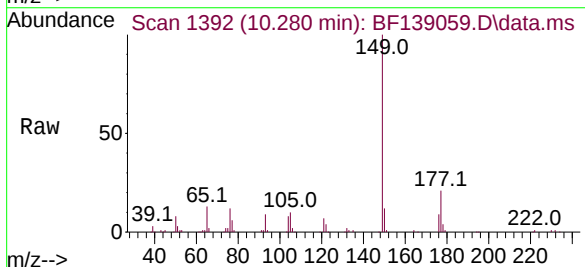
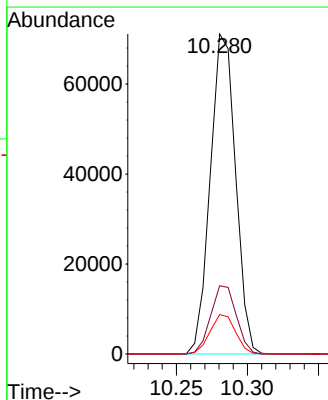
Tgt Ion:149 Resp: 88151

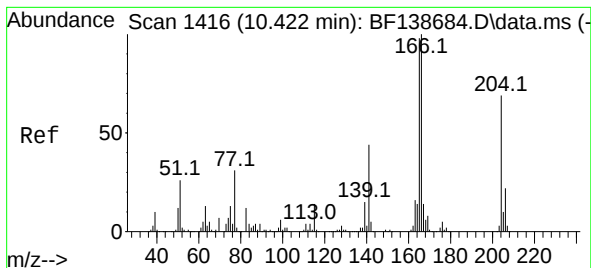
Ion Ratio Lower Upper

149 100

177 21.3 17.8 26.8

150 12.3 10.1 15.1

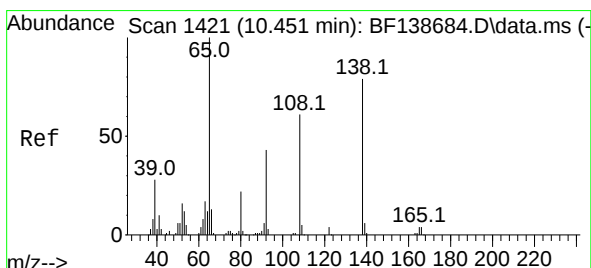
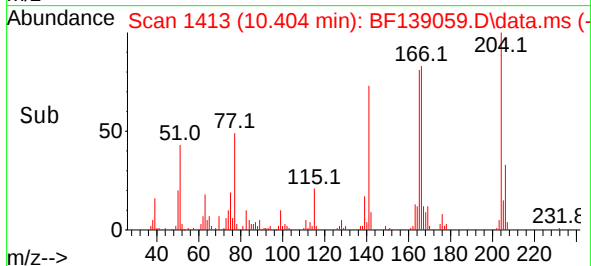
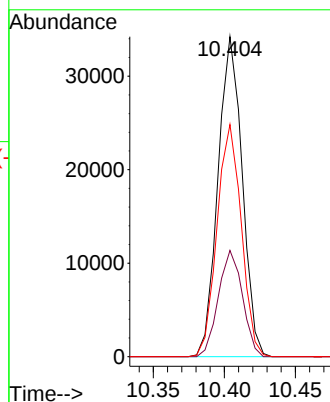
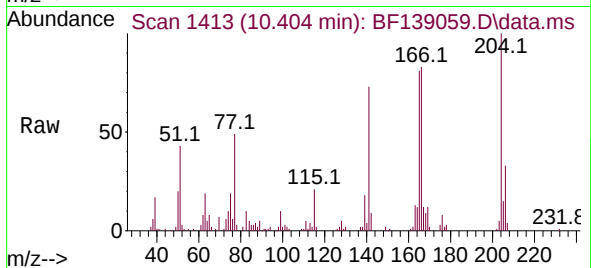




#61
4-Chlorophenyl-phenylether
Concen: 10.032 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

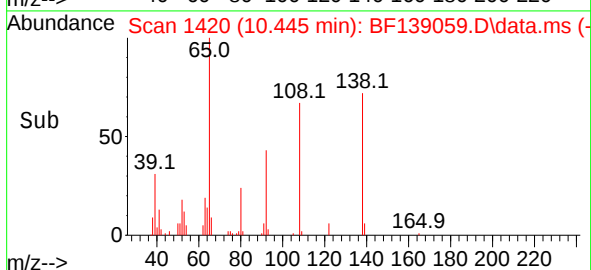
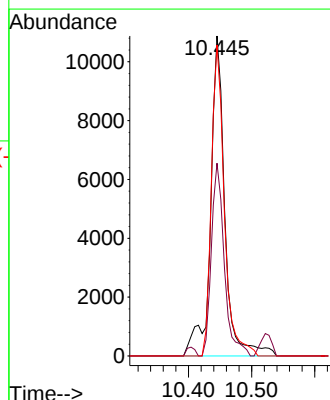
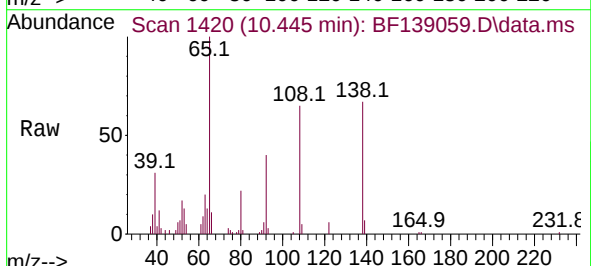
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

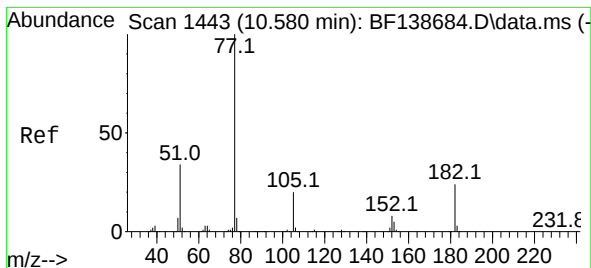
Tgt Ion:204 Resp: 40517
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 72.6 51.4 77.0



#62
4-Nitroaniline
Concen: 9.181 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:138 Resp: 17121
Ion Ratio Lower Upper
138 100
92 60.2 34.2 74.2
108 97.2 56.2 96.2#





#63

Azobenzene

Concen: 10.280 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.018 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion: 77 Resp: 90923

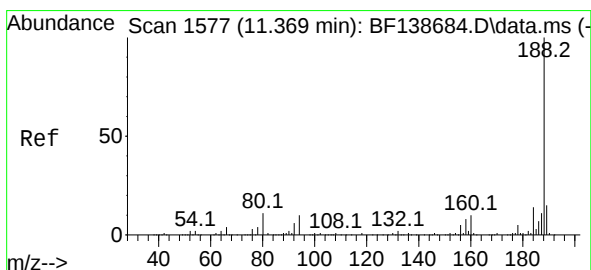
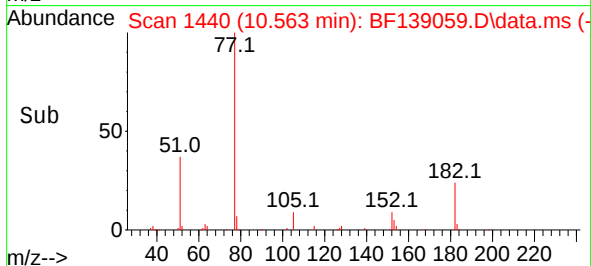
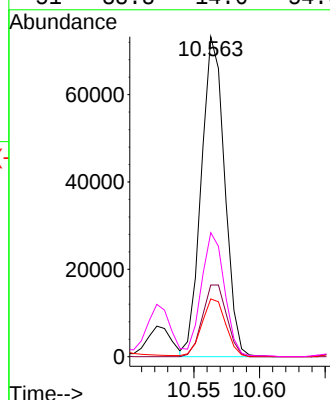
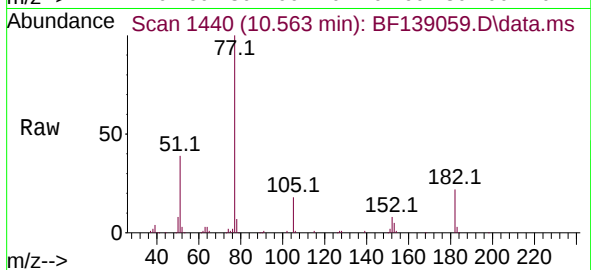
Ion Ratio Lower Upper

77 100

182 22.4 3.4 43.4

105 18.0 0.2 40.2

51 38.8 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1575

Delta R.T. -0.012 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

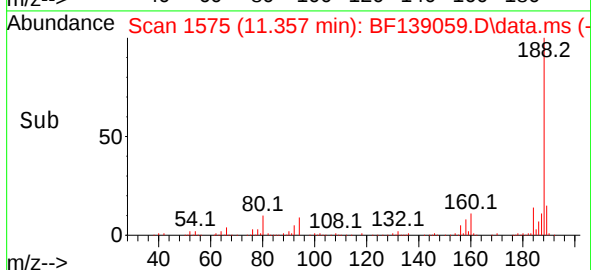
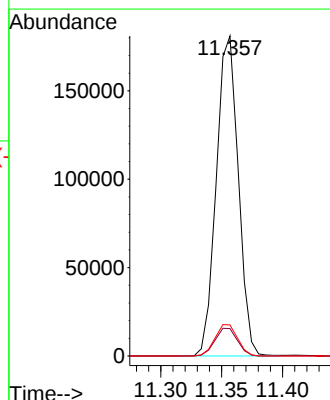
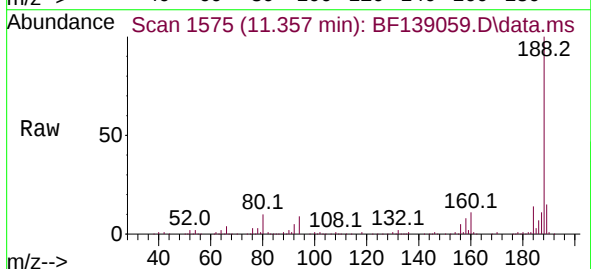
Tgt Ion:188 Resp: 227806

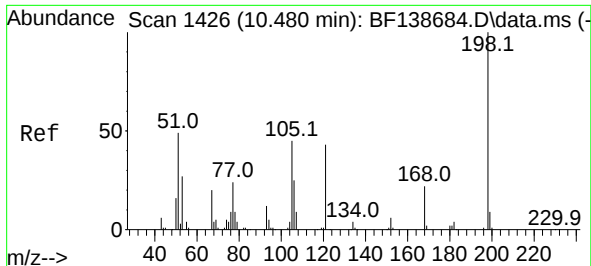
Ion Ratio Lower Upper

188 100

94 8.5 7.6 11.4

80 9.7 8.6 12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 7.214 ng

RT: 10.486 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

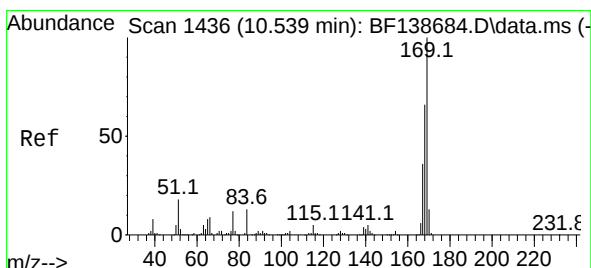
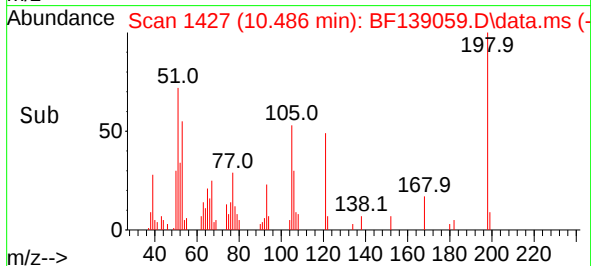
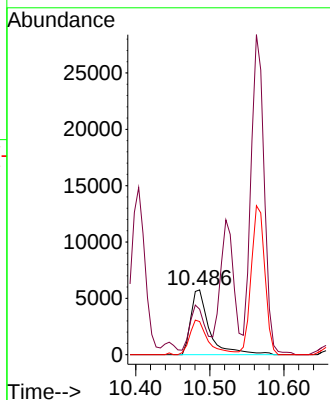
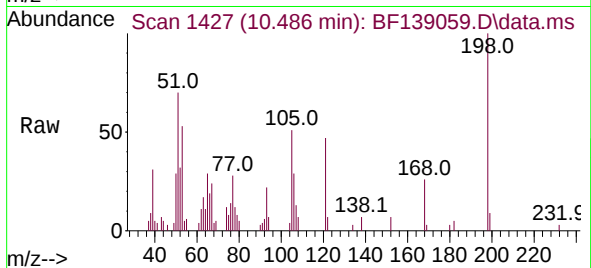
Tgt Ion:198 Resp: 10026

Ion Ratio Lower Upper

198 100

51 70.1 39.9 79.9

105 51.1 26.1 66.1



#66

n-Nitrosodiphenylamine

Concen: 9.880 ng

RT: 10.528 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

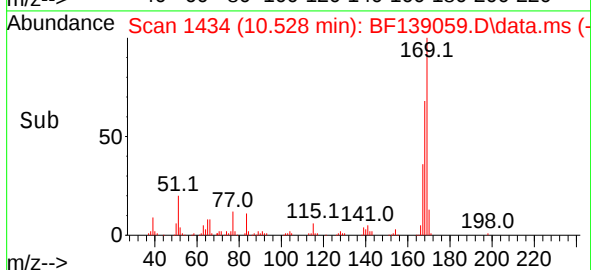
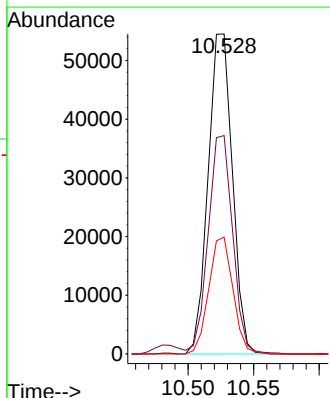
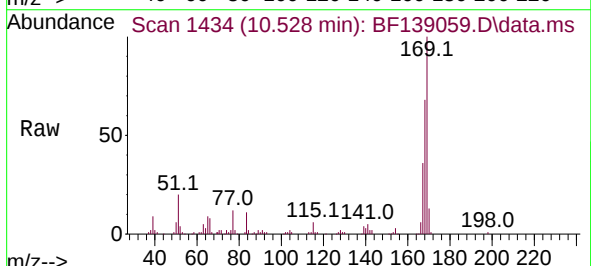
Tgt Ion:169 Resp: 70356

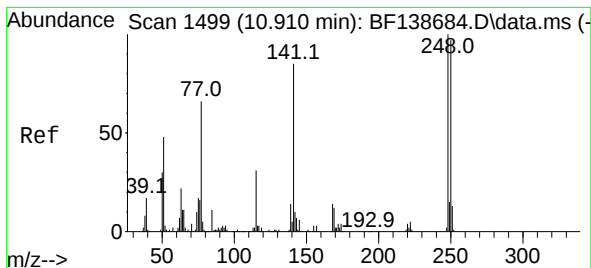
Ion Ratio Lower Upper

169 100

168 68.2 53.0 79.6

167 36.5 29.0 43.6

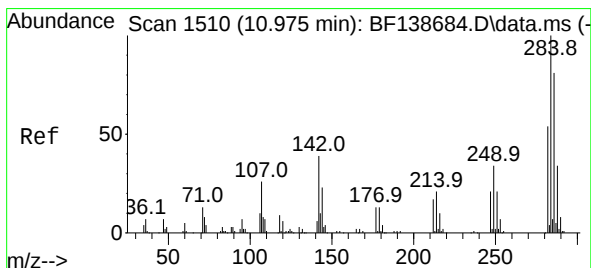
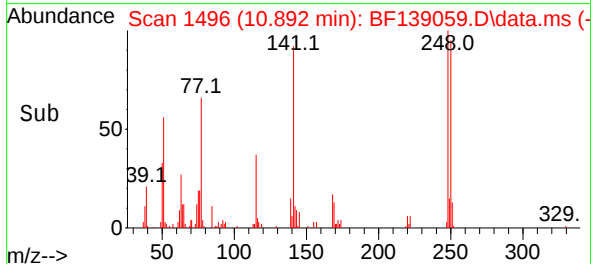
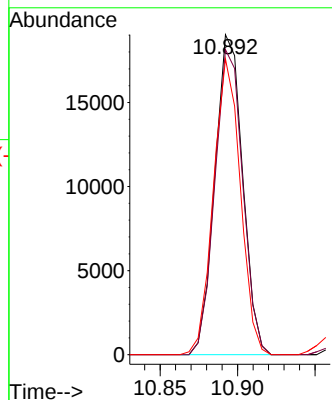
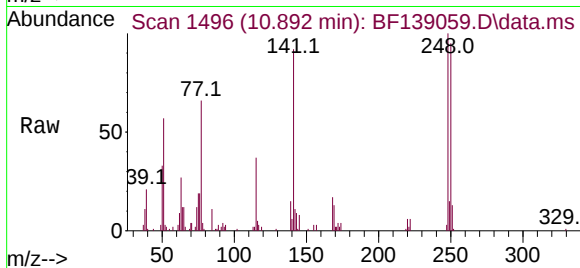




#67
4-Bromophenyl-phenylether
Concen: 9.603 ng
RT: 10.892 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

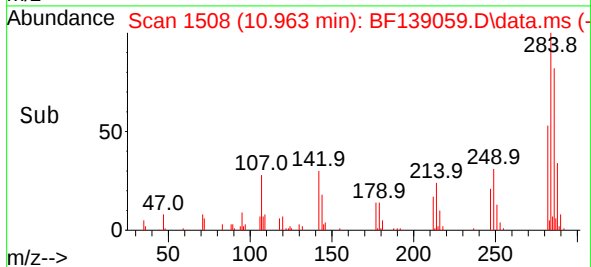
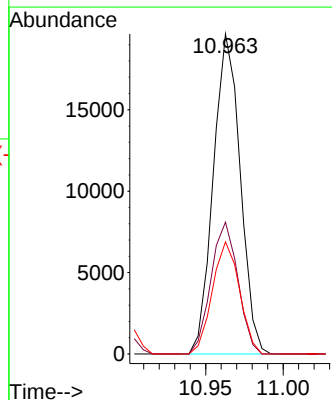
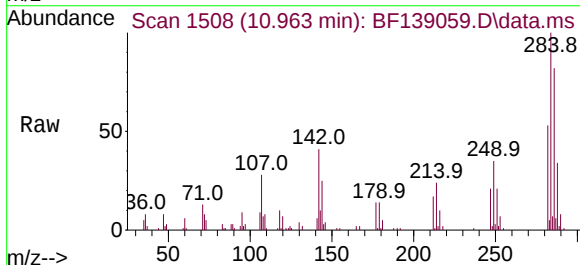
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

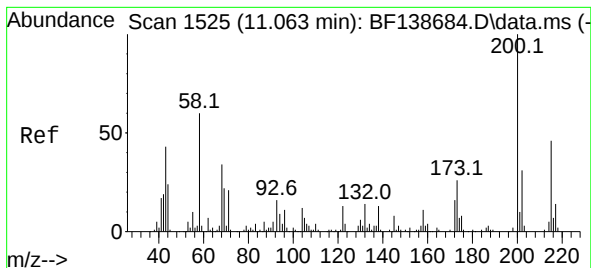
Tgt Ion:248 Resp: 23684
Ion Ratio Lower Upper
248 100
250 95.4 77.7 116.5
141 92.4 68.0 102.0



#68
Hexachlorobenzene
Concen: 9.298 ng
RT: 10.963 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:284 Resp: 23679
Ion Ratio Lower Upper
284 100
142 41.2 31.3 46.9
249 35.1 27.2 40.8





#69

Atrazine

Concen: 12.117 ng

RT: 11.051 min Scan# 1523

Delta R.T. -0.012 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

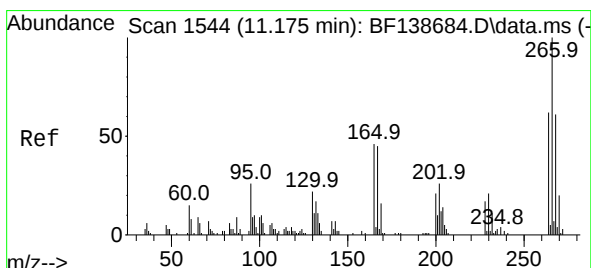
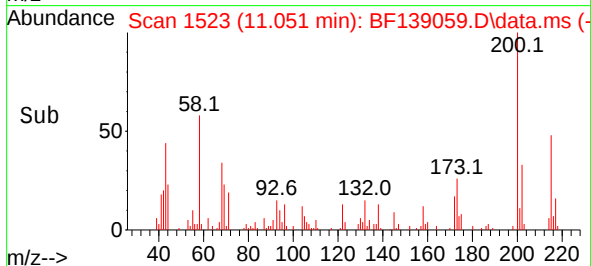
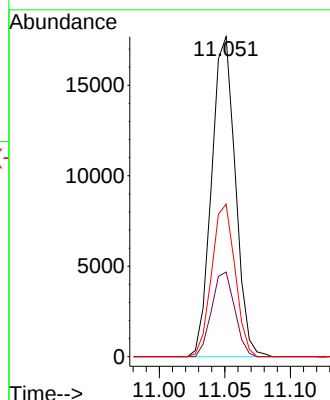
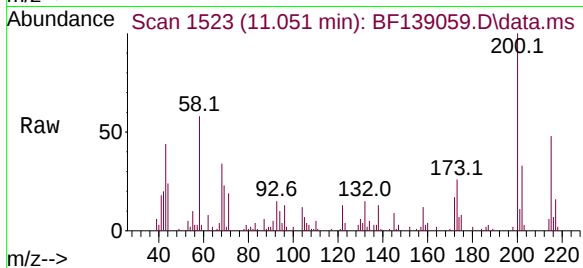
Tgt Ion:200 Resp: 22261

Ion Ratio Lower Upper

200 100

173 26.4 6.0 46.0

215 47.6 26.1 66.1



#70

Pentachlorophenol

Concen: 2.879 ng

RT: 11.180 min Scan# 1545

Delta R.T. 0.005 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

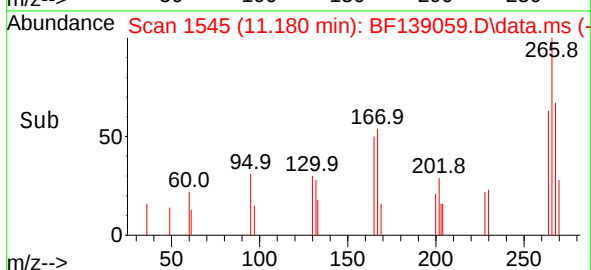
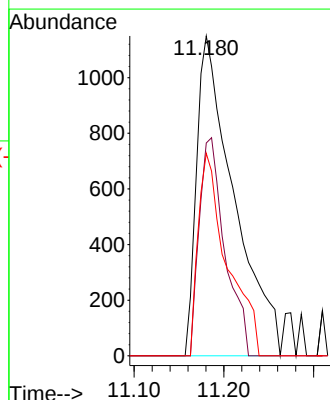
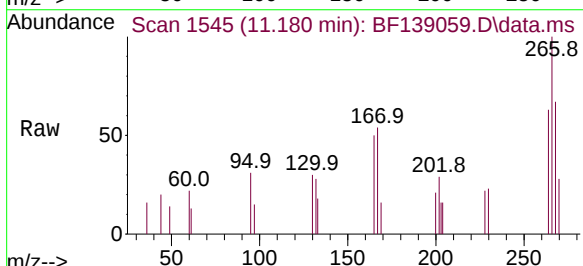
Tgt Ion:266 Resp: 3305

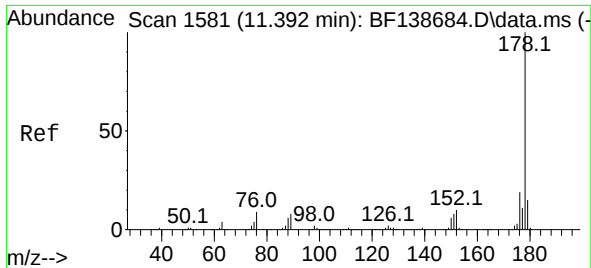
Ion Ratio Lower Upper

266 100

268 66.5 49.2 73.8

264 63.3 49.8 74.6

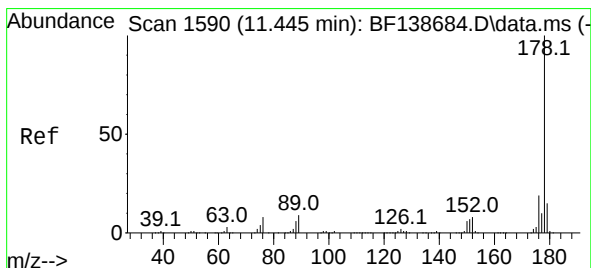
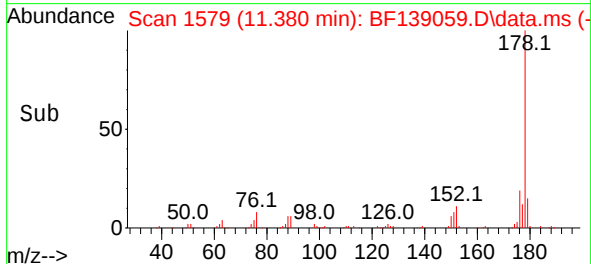
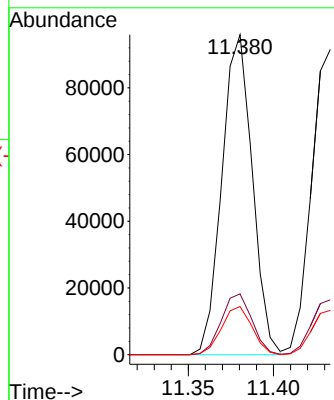
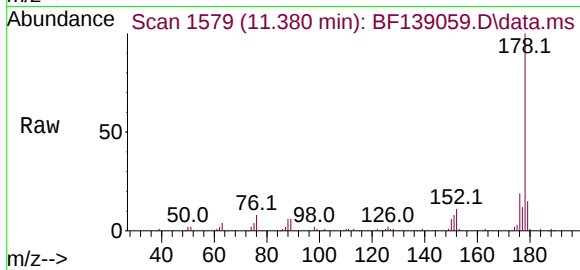




#71
Phenanthrene
Concen: 10.142 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

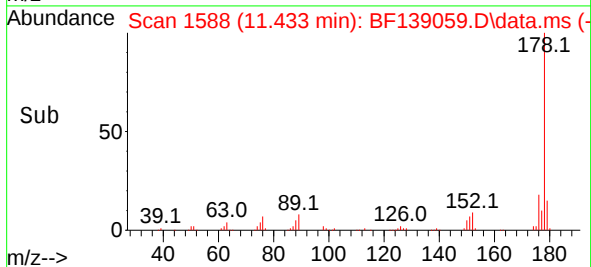
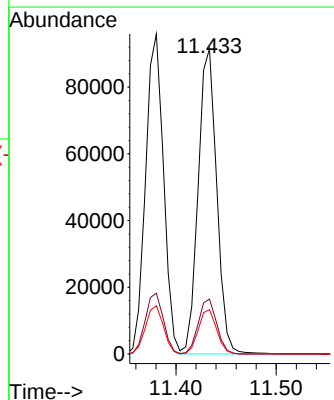
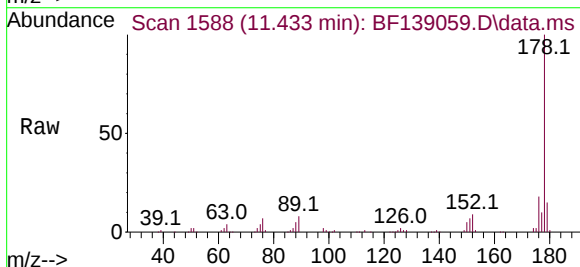
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

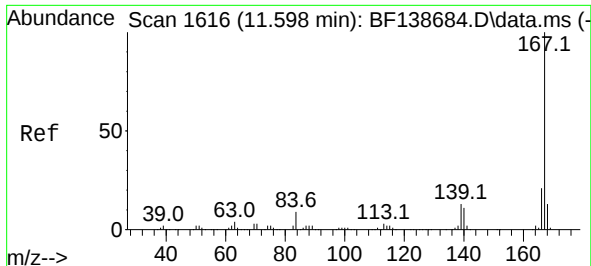
Tgt Ion:178 Resp: 118963
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.1 12.2 18.2



#72
Anthracene
Concen: 10.196 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:178 Resp: 117827
Ion Ratio Lower Upper
178 100
176 18.0 14.9 22.3
179 14.5 12.4 18.6

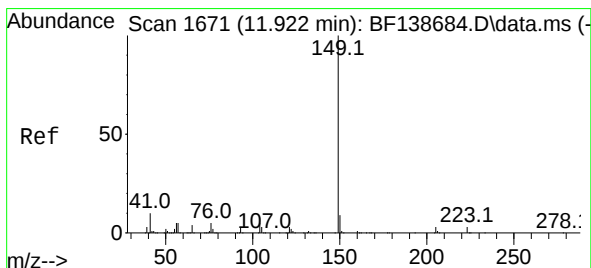
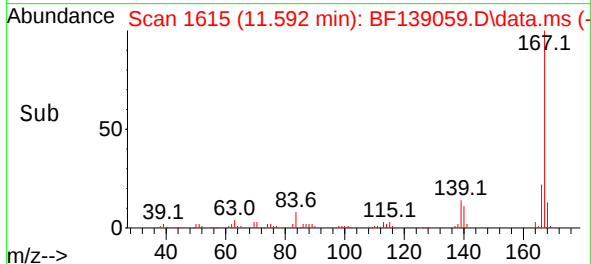
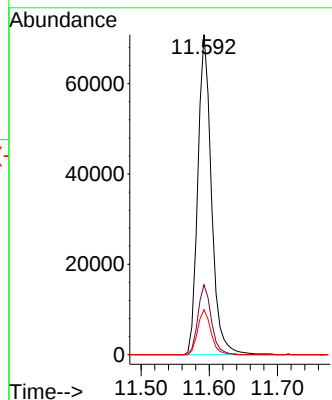
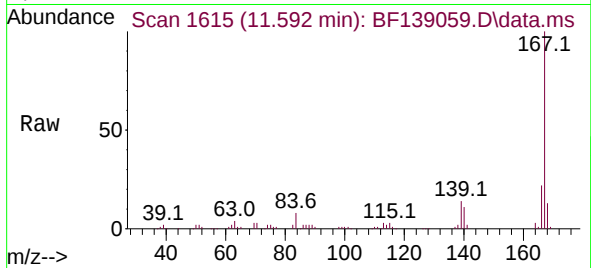




#73
 Carbazole
 Concen: 9.850 ng
 RT: 11.592 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF139059.D
 Acq: 16 Aug 2024 15:59

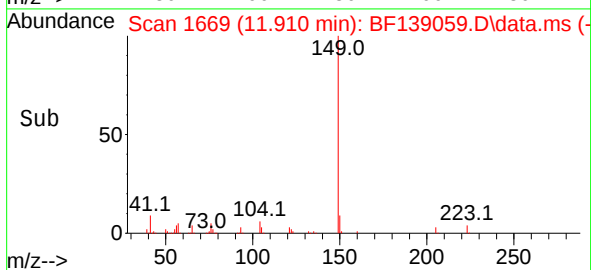
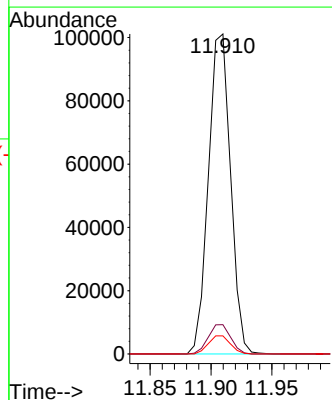
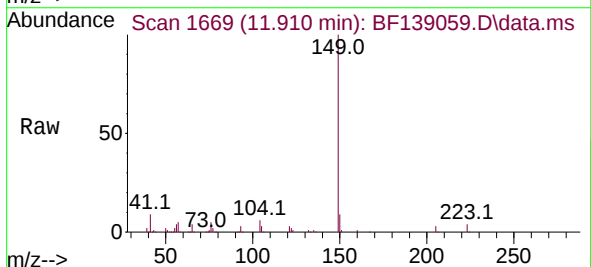
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

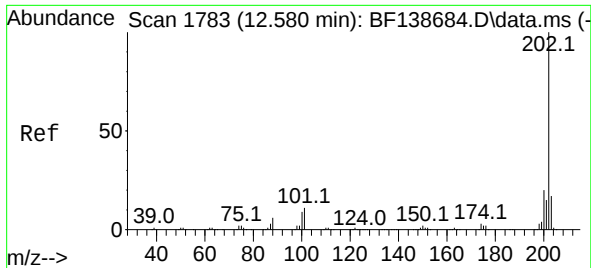
Tgt Ion:167 Resp: 98204
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 11.448 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF139059.D
 Acq: 16 Aug 2024 15:59

Tgt Ion:149 Resp: 128310
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.7 4.1 6.1

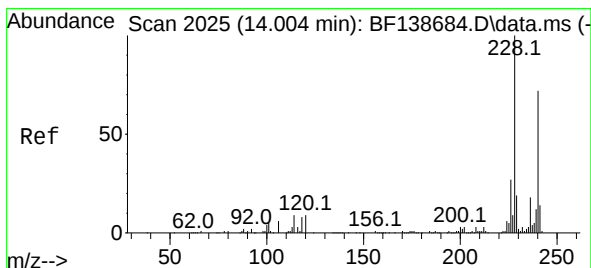
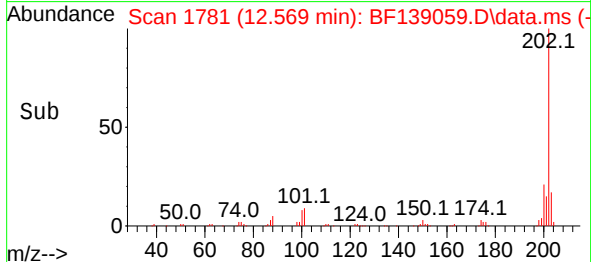
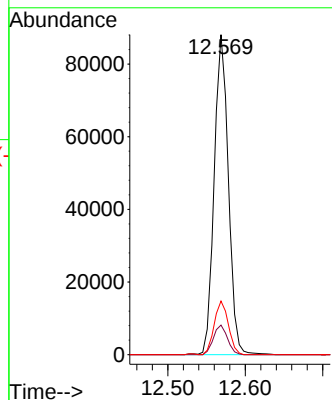
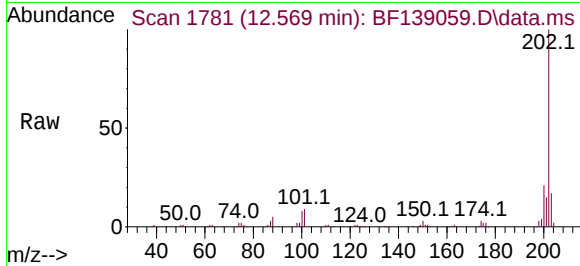




#75
Fluoranthene
Concen: 10.222 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

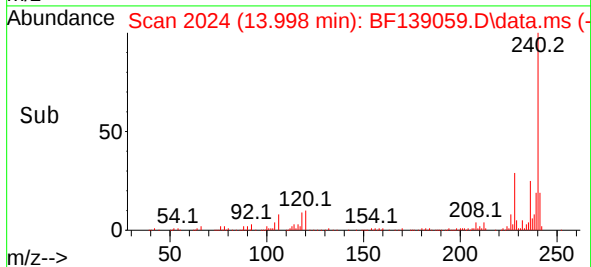
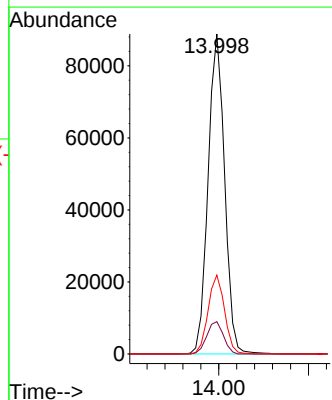
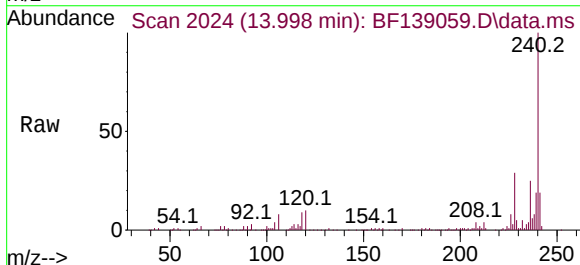
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

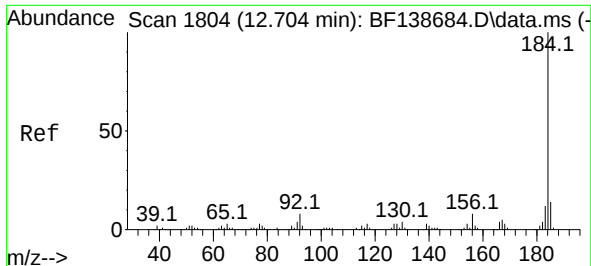
Tgt Ion:	202	Resp:	111941
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	31.2
203	16.7	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:	240	Resp:	113416
Ion Ratio	Lower	Upper	
240	100		
120	10.1	10.2	15.4#
236	24.7	19.8	29.8

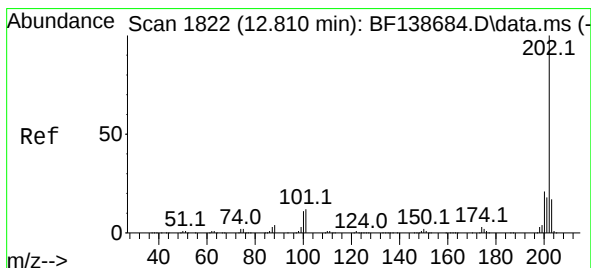
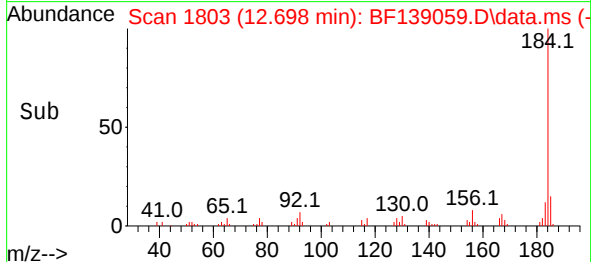
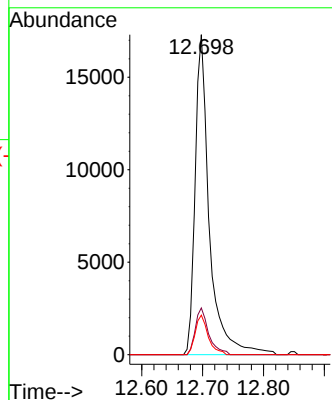
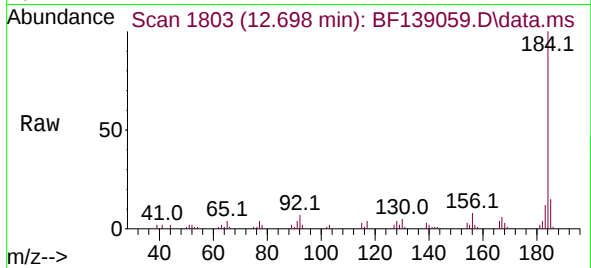




#77
Benzidine
Concen: 10.364 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

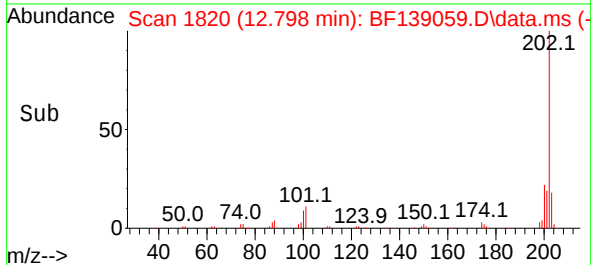
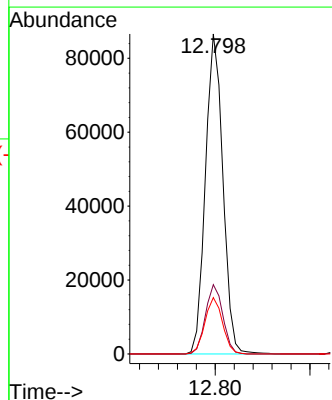
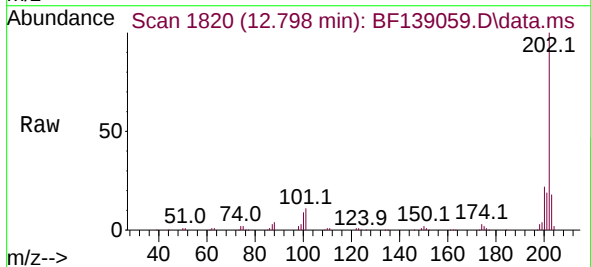
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2024

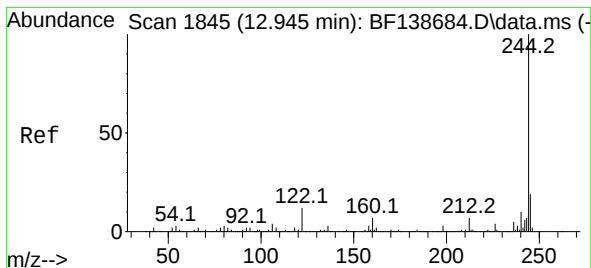
Tgt Ion:184 Resp: 28114
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 12.4 9.6 14.4



#78
Pyrene
Concen: 10.334 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:202 Resp: 110355
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 96.575 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

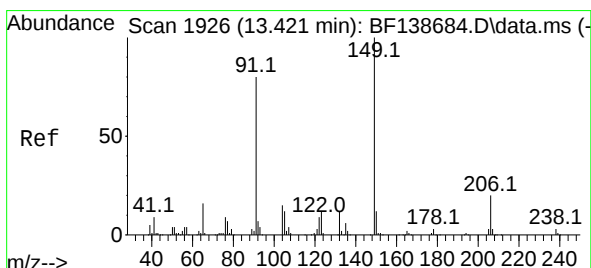
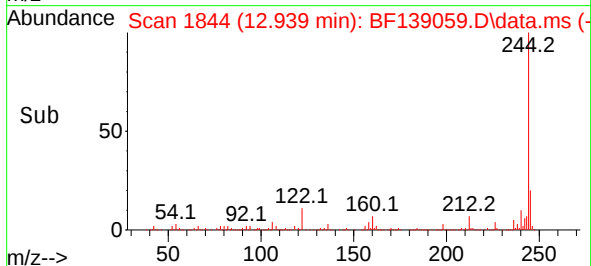
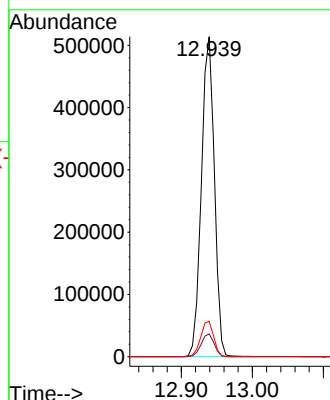
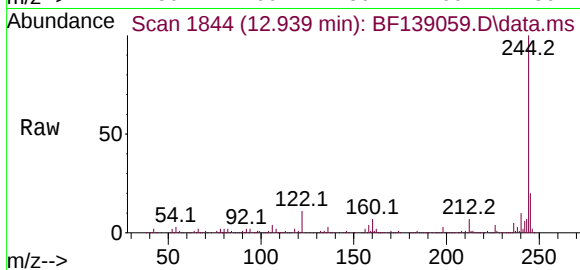
Tgt Ion:244 Resp: 654203

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.0 9.6 14.4



#80

Butylbenzylphthalate

Concen: 11.201 ng

RT: 13.404 min Scan# 1923

Delta R.T. -0.018 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

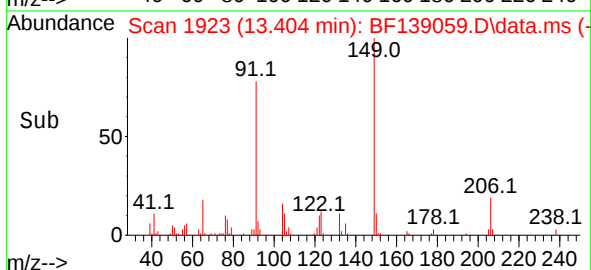
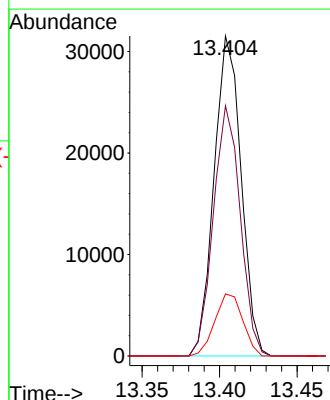
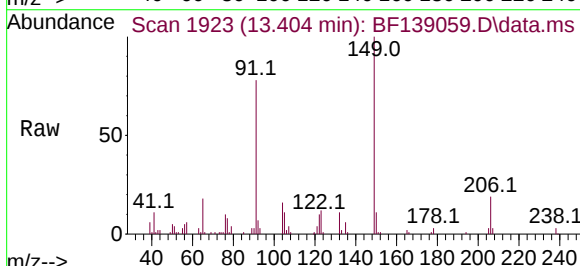
Tgt Ion:149 Resp: 38303

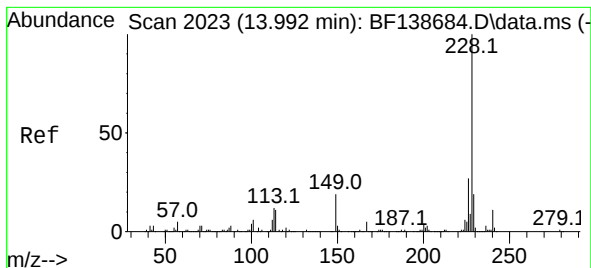
Ion Ratio Lower Upper

149 100

91 78.2 63.7 95.5

206 19.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 9.624 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

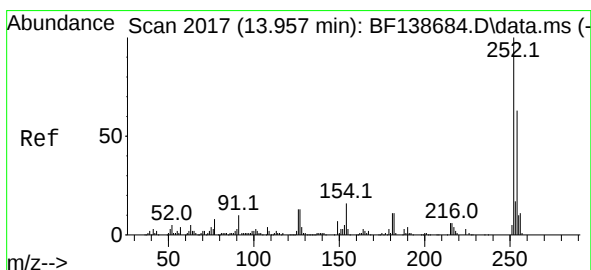
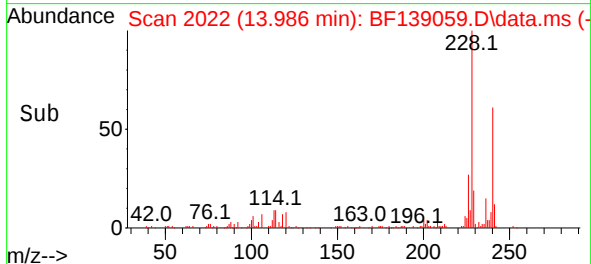
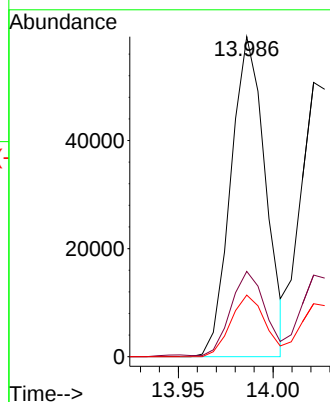
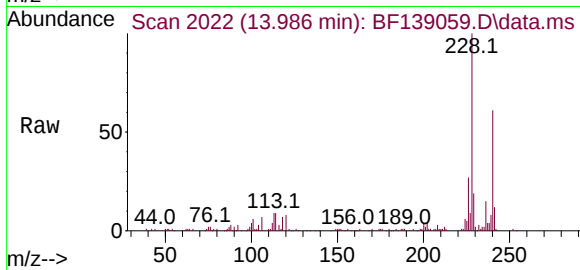
Tgt Ion:228 Resp: 75163

Ion Ratio Lower Upper

228 100

226 26.6 22.1 33.1

229 19.3 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 10.968 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

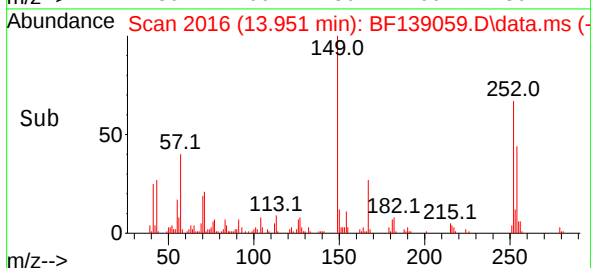
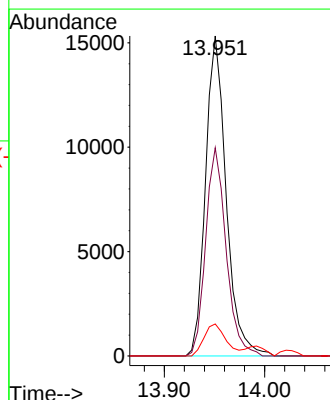
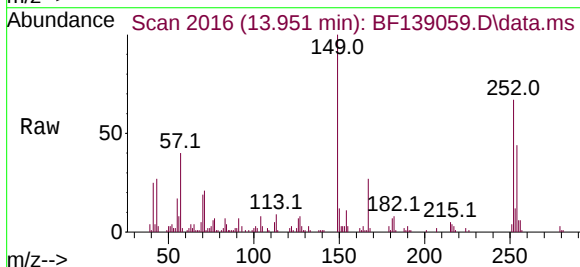
Tgt Ion:252 Resp: 21920

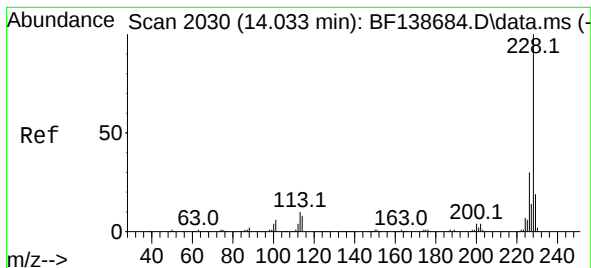
Ion Ratio Lower Upper

252 100

254 65.1 50.8 76.2

126 10.0 10.2 15.2#





#83

Chrysene

Concen: 9.819 ng

RT: 14.021 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

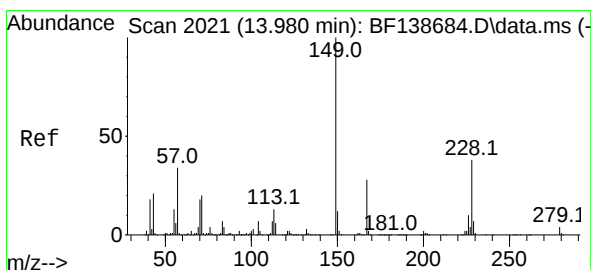
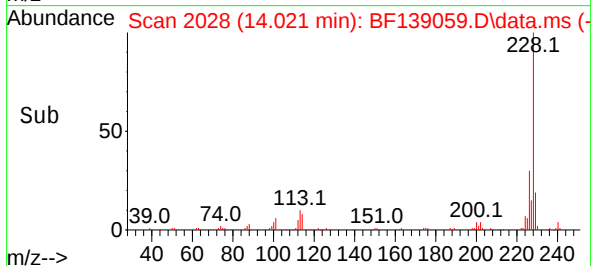
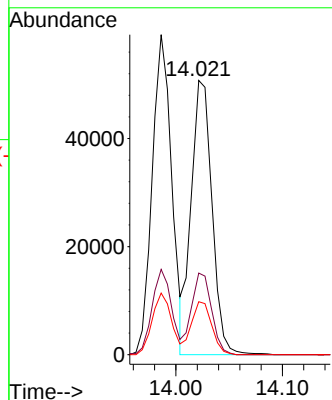
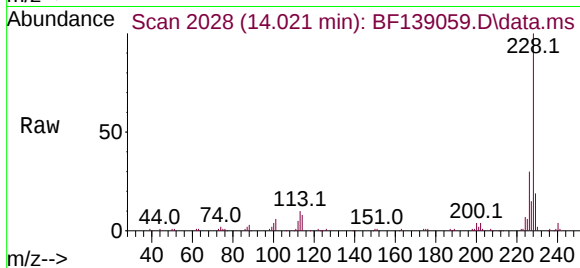
Tgt Ion:228 Resp: 69186

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

229 19.3 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.349 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.024 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

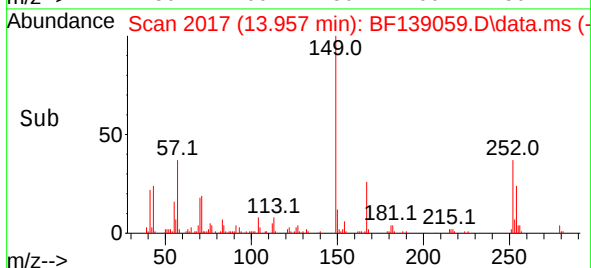
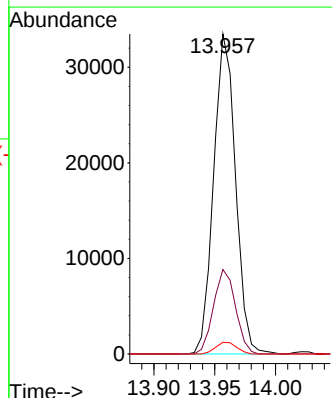
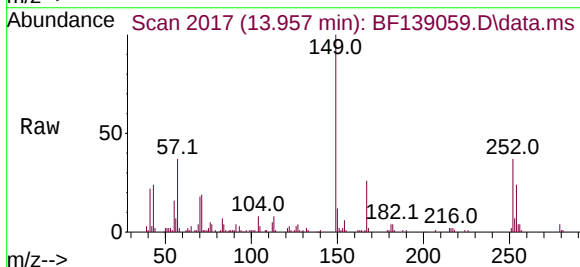
Tgt Ion:149 Resp: 41806

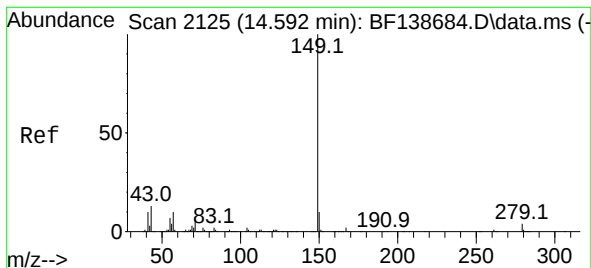
Ion Ratio Lower Upper

149 100

167 26.4 22.2 33.4

279 3.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 6.764 ng

RT: 14.568 min Scan# 2121

Delta R.T. -0.024 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

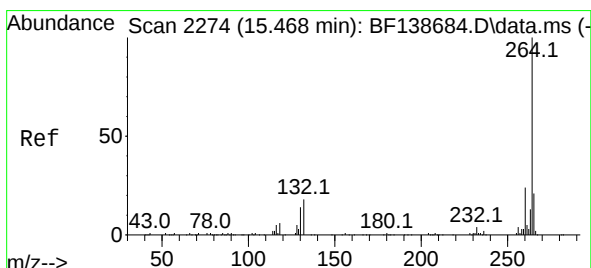
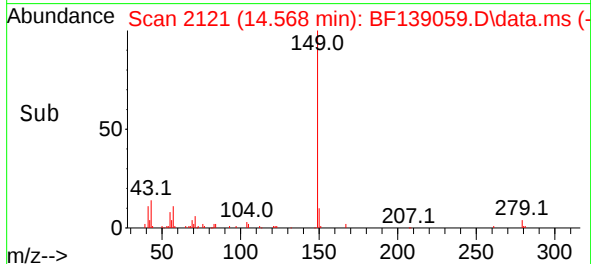
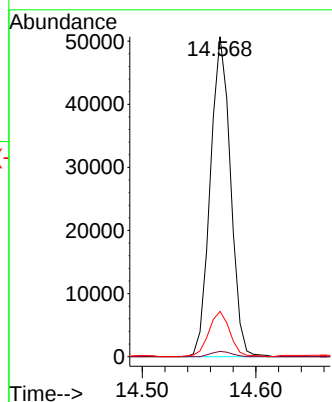
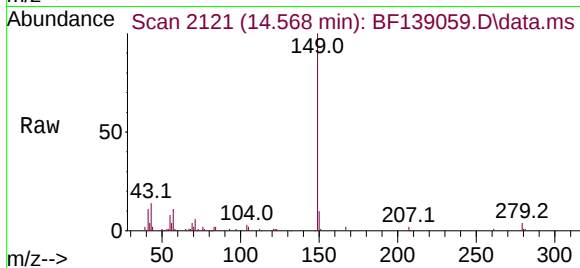
Tgt Ion:149 Resp: 62663

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 14.9 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

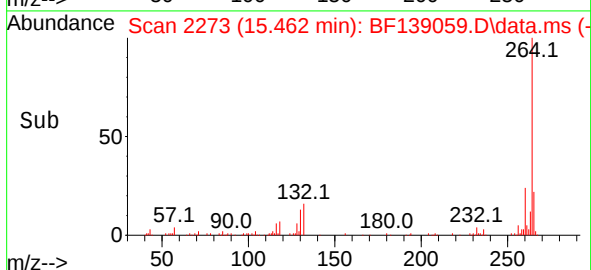
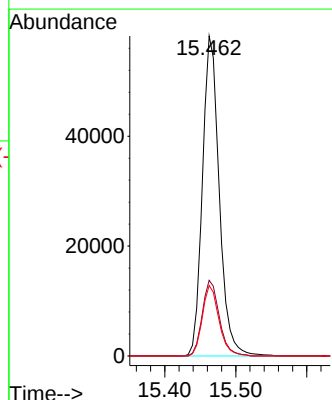
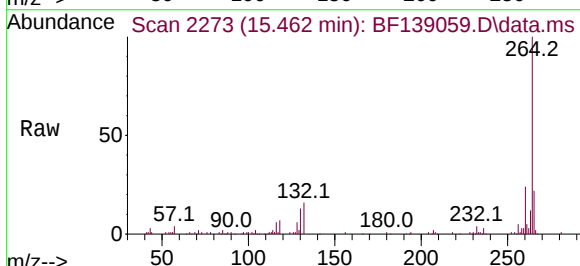
Tgt Ion:264 Resp: 96048

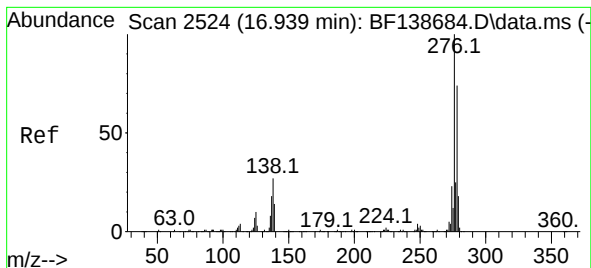
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.931 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

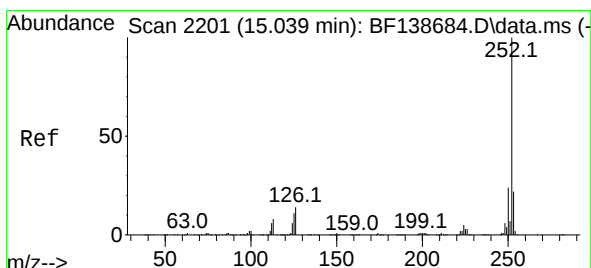
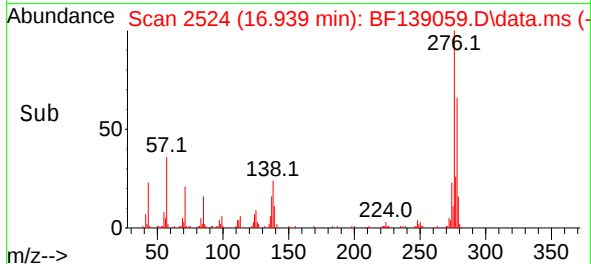
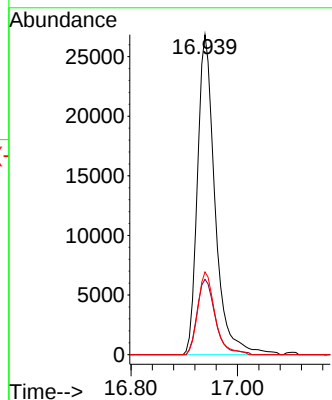
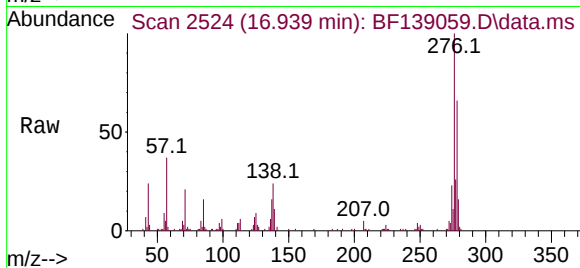
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:	276	Resp:	61475
Ion Ratio	Lower	Upper	
276	100		
138	24.4	21.8	32.8
277	25.3	20.6	30.8



#88

Benzo(b)fluoranthene

Concen: 9.233 ng

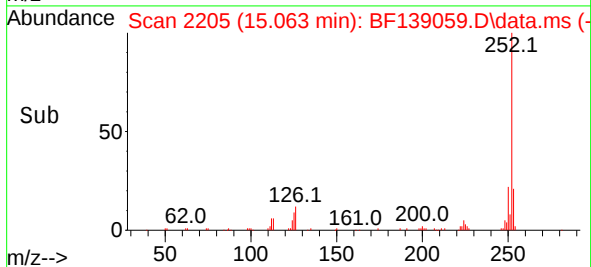
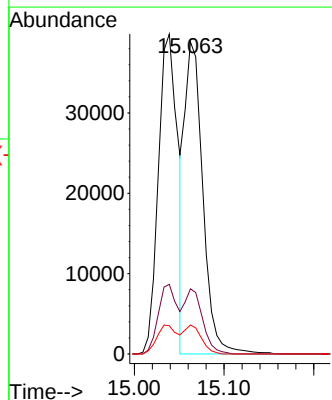
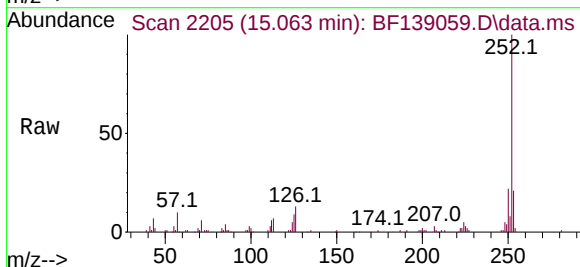
RT: 15.063 min Scan# 2205

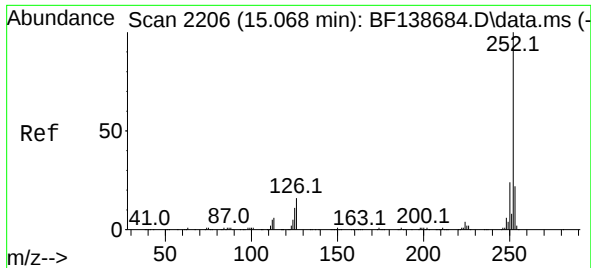
Delta R.T. 0.024 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Tgt Ion:	252	Resp:	54975
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.5	26.3
125	9.3	8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 10.664 ng

RT: 15.063 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

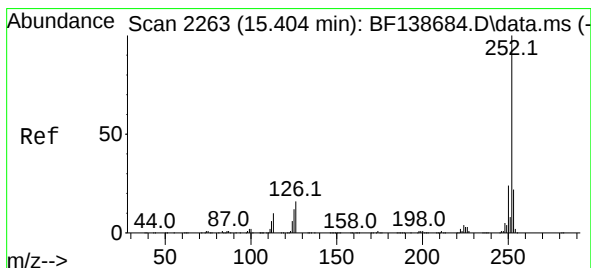
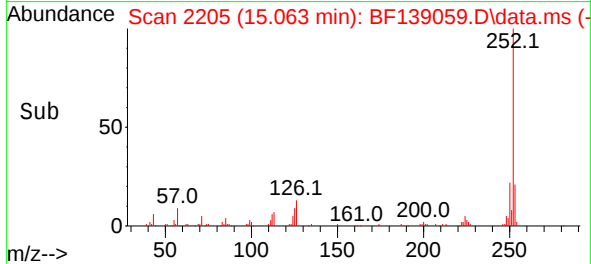
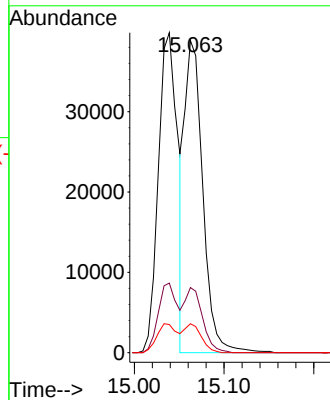
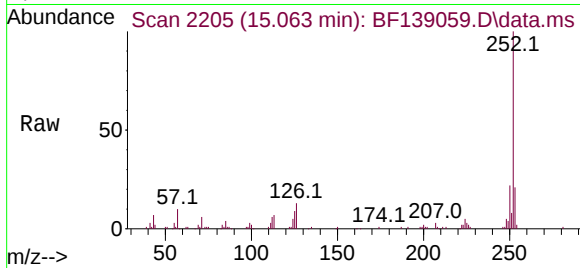
Tgt Ion:252 Resp: 54975

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.0

125 9.3 8.6 13.0



#90

Benzo(a)pyrene

Concen: 10.338 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

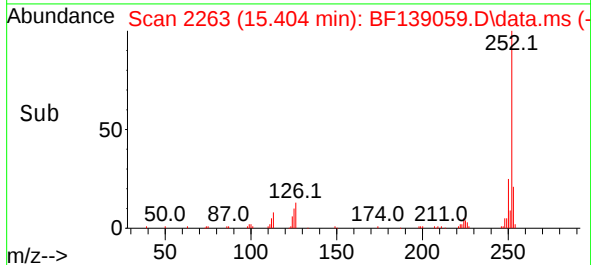
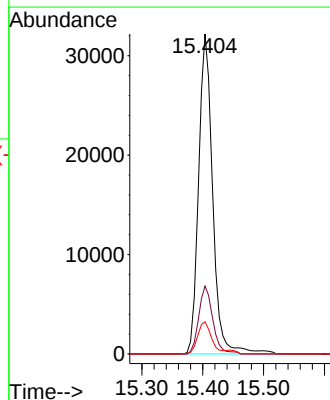
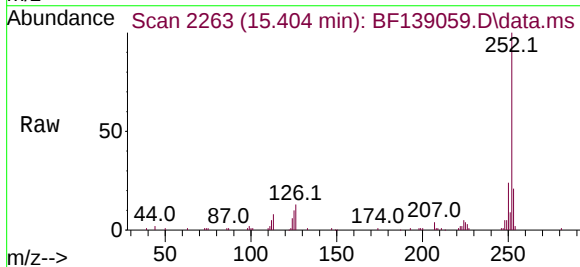
Tgt Ion:252 Resp: 51777

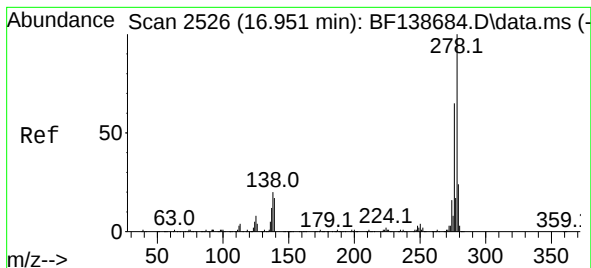
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 10.1 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 8.579 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

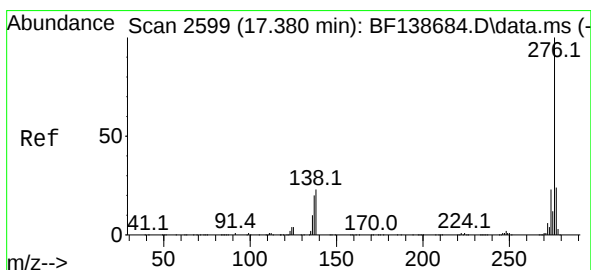
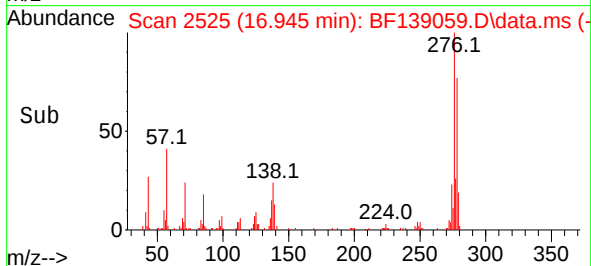
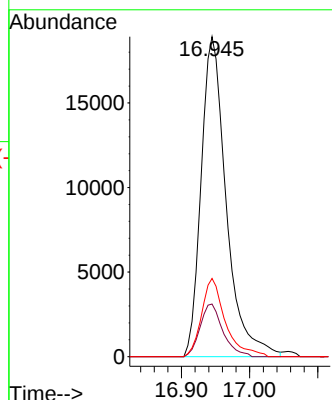
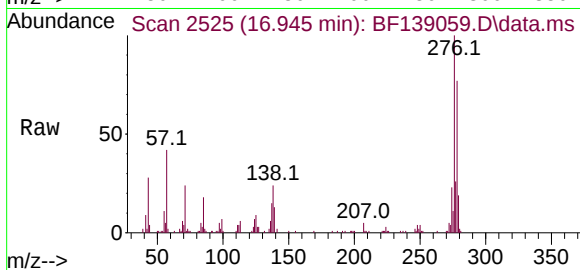
Tgt Ion:278 Resp: 48472

Ion Ratio Lower Upper

278 100

139 16.4 14.0 21.0

279 24.4 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 8.016 ng

RT: 17.392 min Scan# 2601

Delta R.T. 0.012 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

Tgt Ion:276 Resp: 46997

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 17.7 18.5 27.7#

