

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	31380m	8.386	ng	
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	8497m	4.458	ng	
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

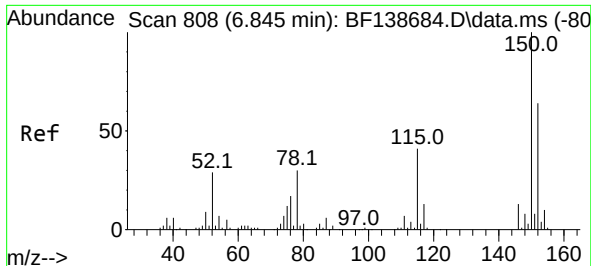
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 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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	10.051	139	2800m	2.373	ng	
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	15778m	8.461	ng	
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	3524m	3.070	ng	
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	15.039	252	59497m	9.993	ng	
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

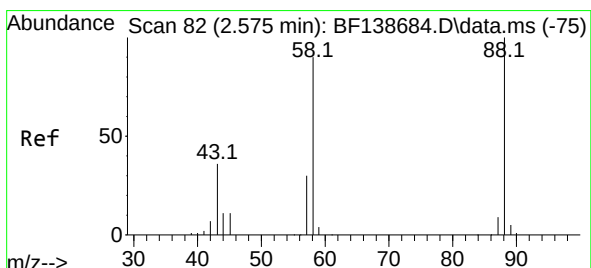
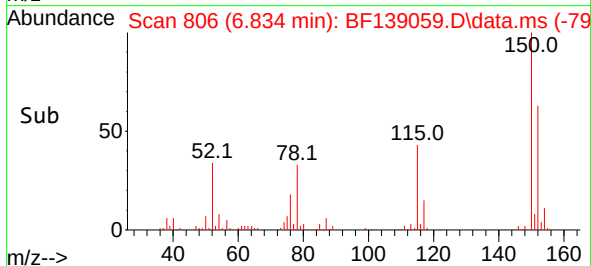
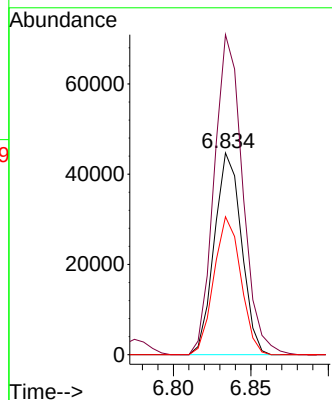
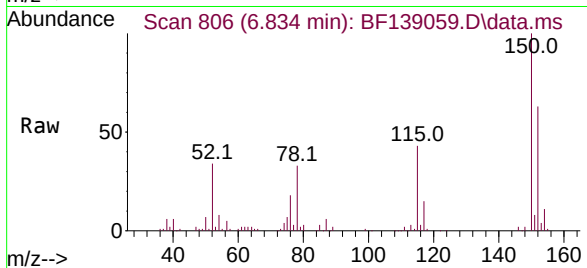
(#) = qualifier out of range (m) = manual integration (+) = signals summed



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

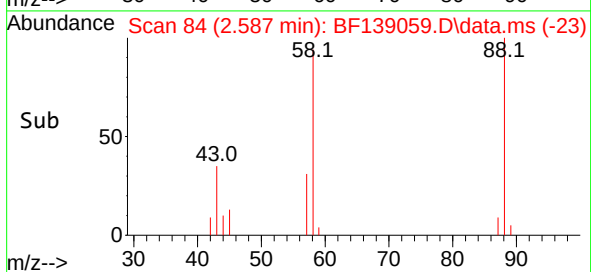
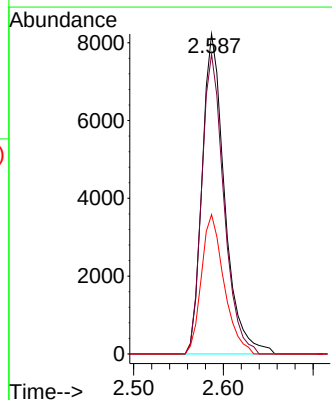
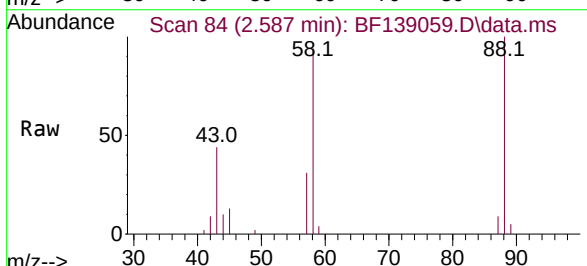
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

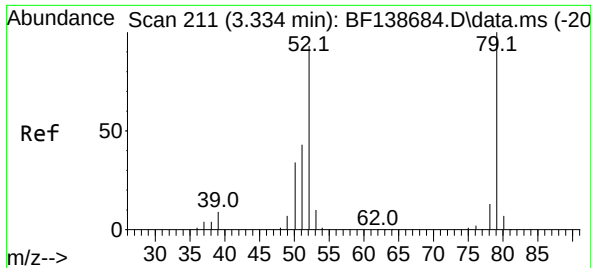
Tgt Ion:152 Resp: 54463
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.0 189.0
 115 68.3 51.7 77.5



#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: 8.386 ng m

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

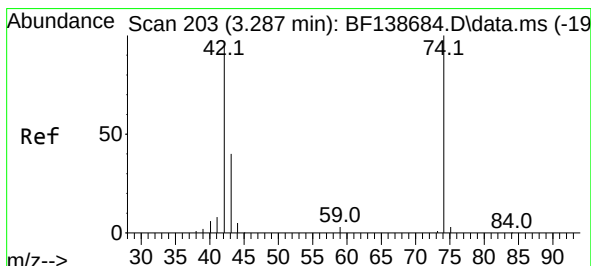
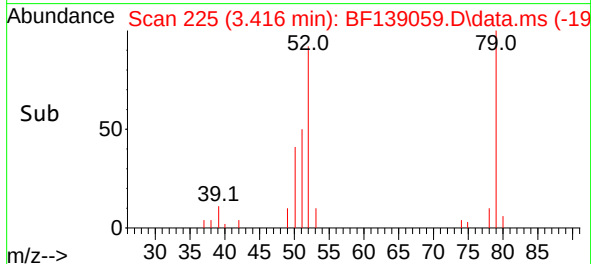
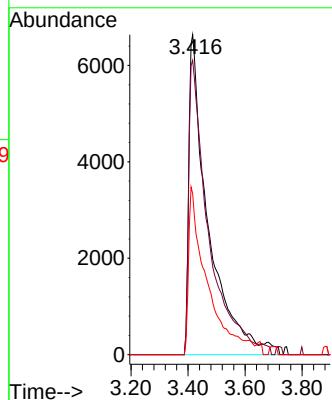
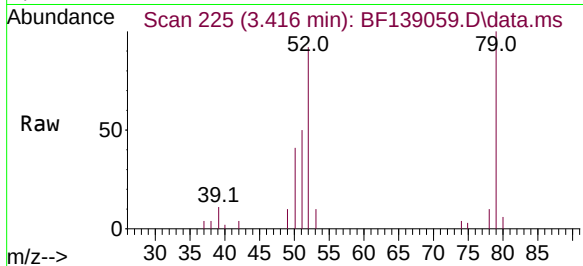
Tgt Ion: 79 Resp: 31380

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

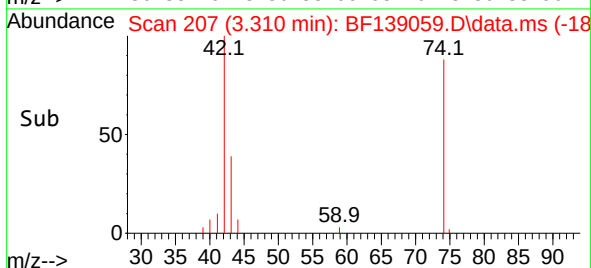
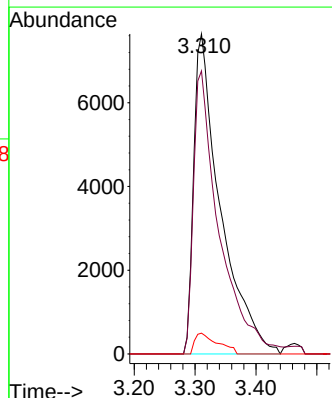
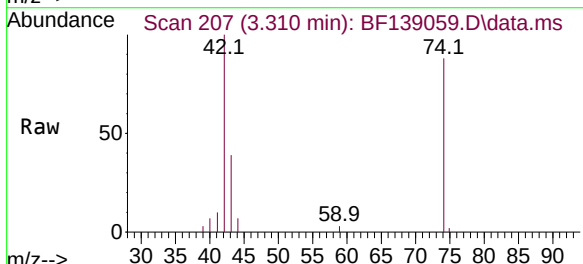
Tgt Ion: 42 Resp: 23224

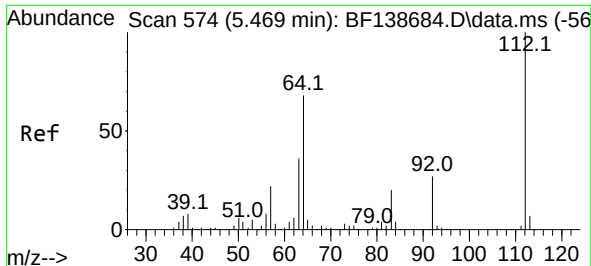
Ion Ratio Lower Upper

42 100

74 88.5 84.2 126.4

44 6.5 4.9 7.3

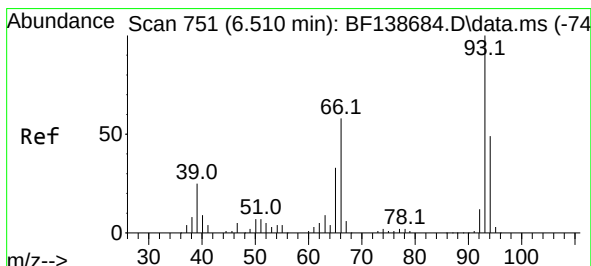
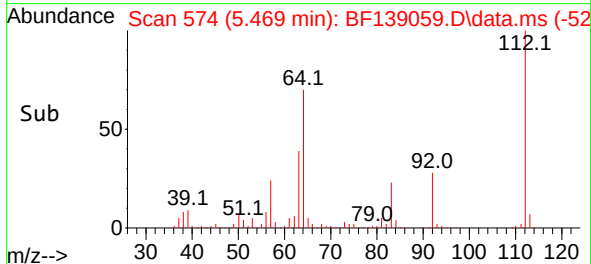
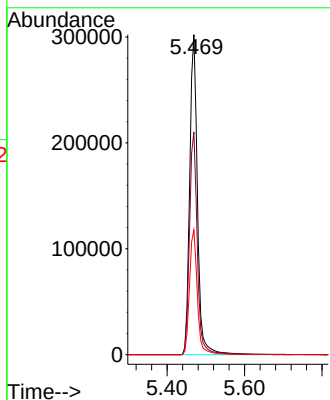
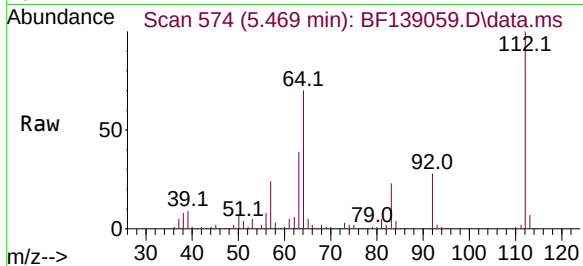




#5
2-Fluorophenol
Concen: 119.493 ng
RT: 5.469 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

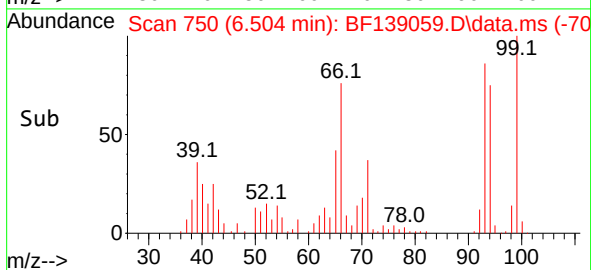
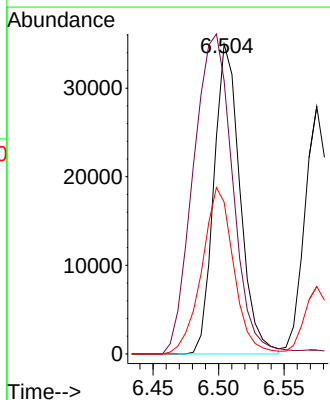
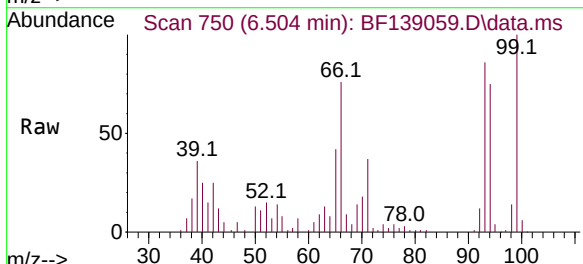
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

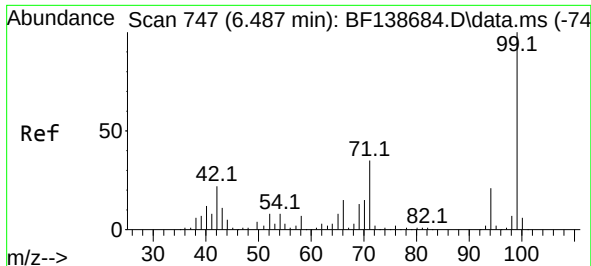
Tgt Ion:112 Resp: 421594
Ion Ratio Lower Upper
112 100
64 69.6 54.2 81.4
63 39.0 28.7 43.1



#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#

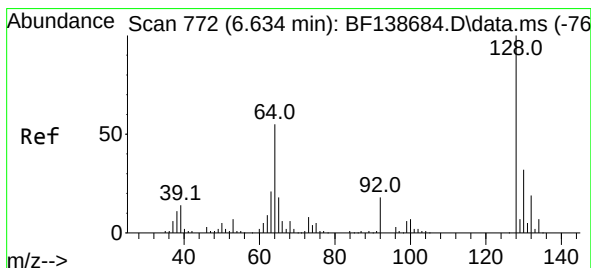
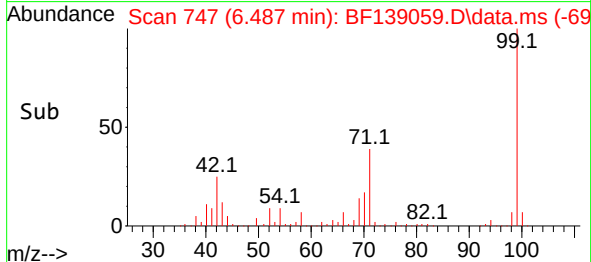
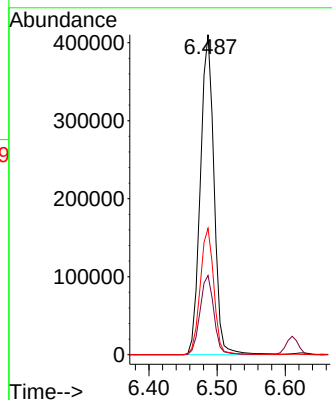
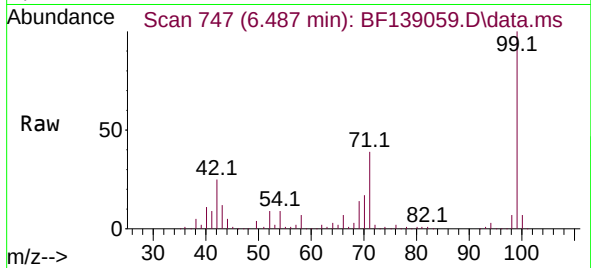




#7
Phenol-d6
Concen: 120.875 ng
RT: 6.487 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

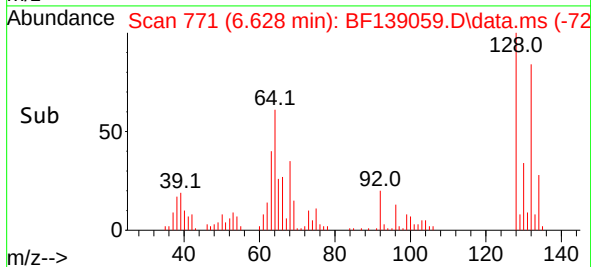
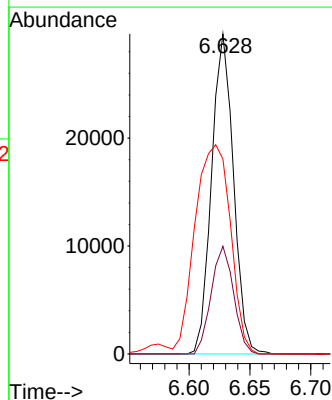
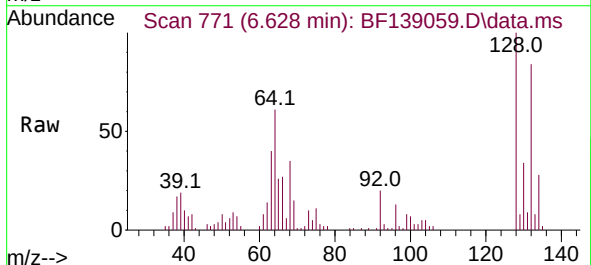
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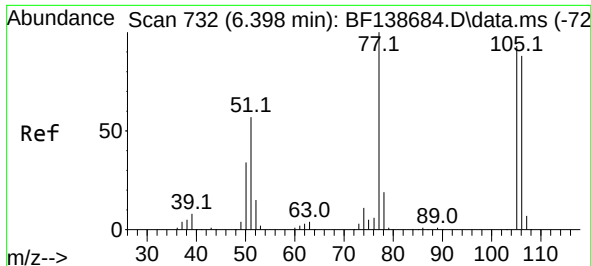
Tgt Ion: 99 Resp: 572580
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 39.5 28.1 42.1



#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# 71

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

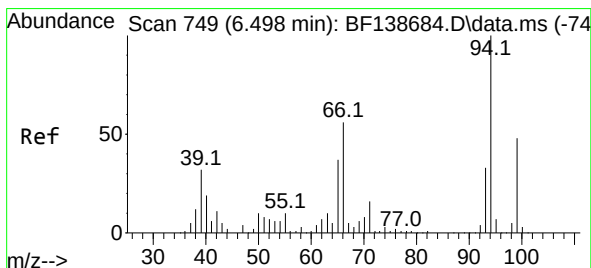
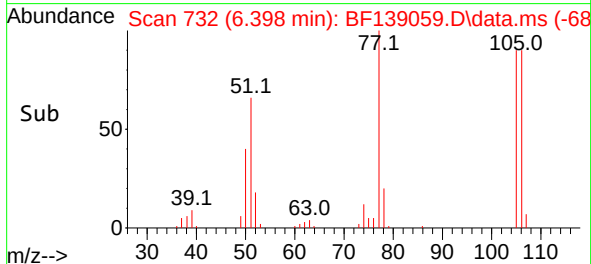
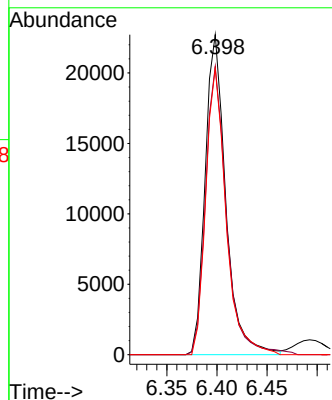
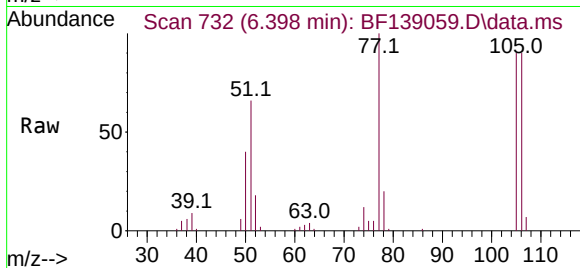
Tgt Ion: 77 Resp: 32630

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

RT: 6.498 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

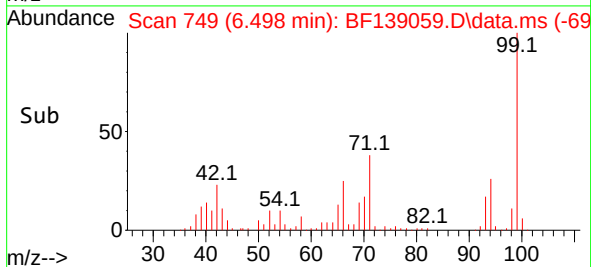
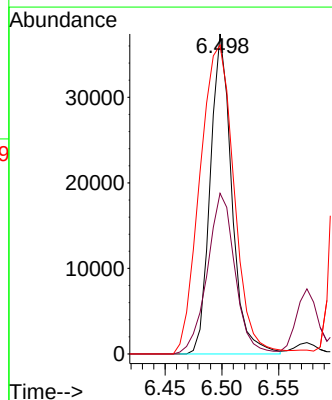
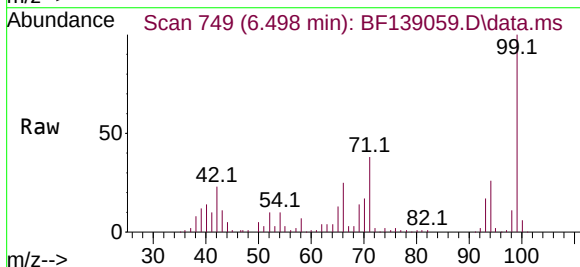
Tgt Ion: 94 Resp: 49212

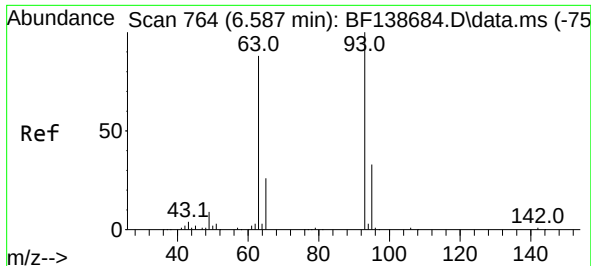
Ion Ratio Lower Upper

94 100

65 50.2 16.9 56.9

66 96.5 36.5 76.5#

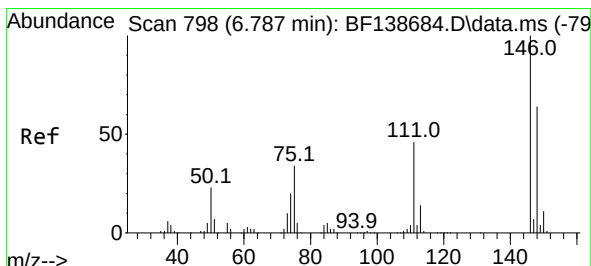
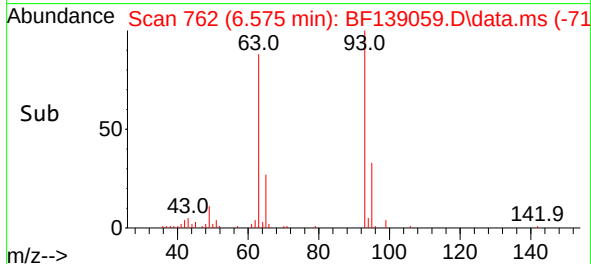
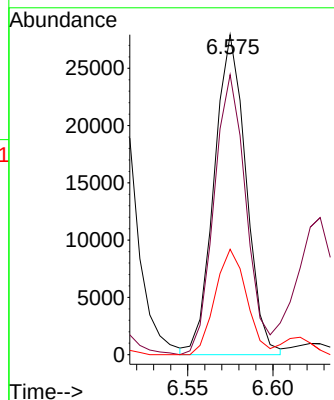
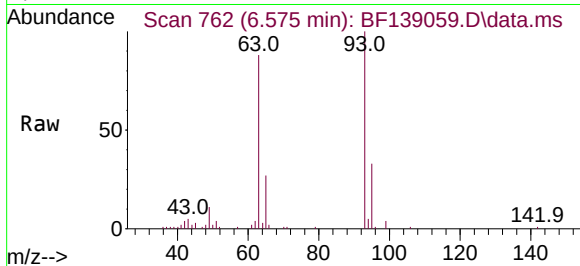




#11
bis(2-Chloroethyl)ether
Concen: 9.469 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

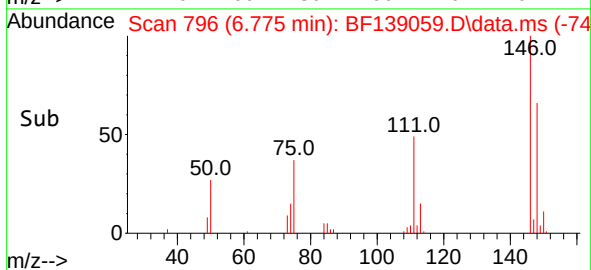
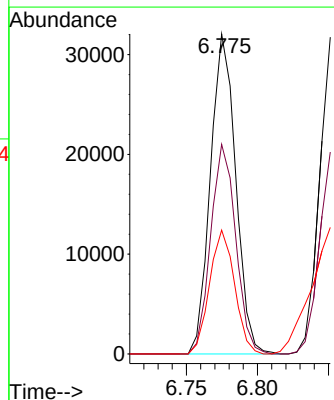
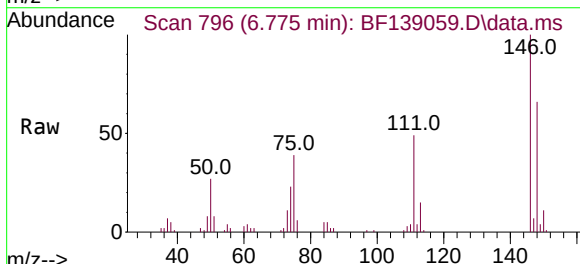
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

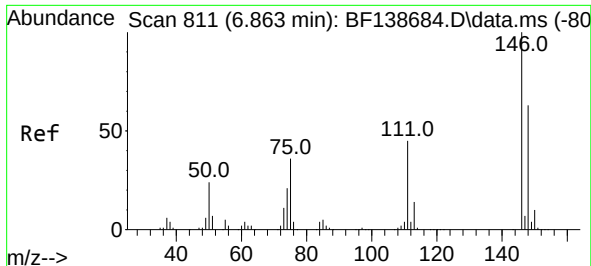
Tgt Ion:	93	Resp:	36343
Ion	Ratio	Lower	Upper
93	100		
63	87.5	65.3	105.3
95	33.0	12.4	52.4



#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

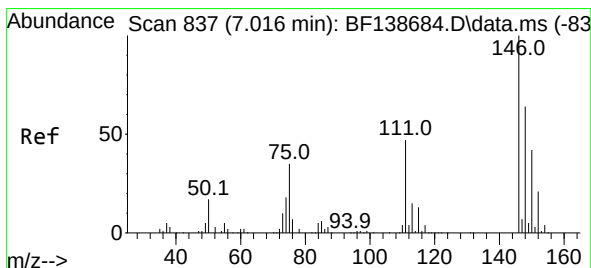
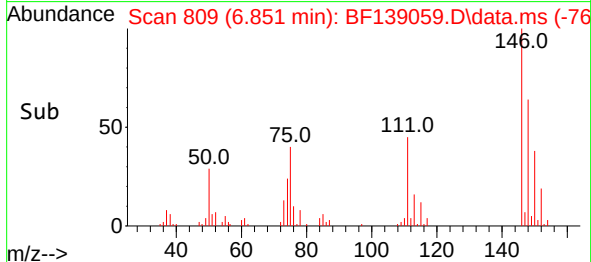
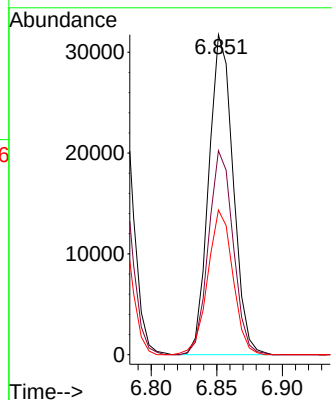
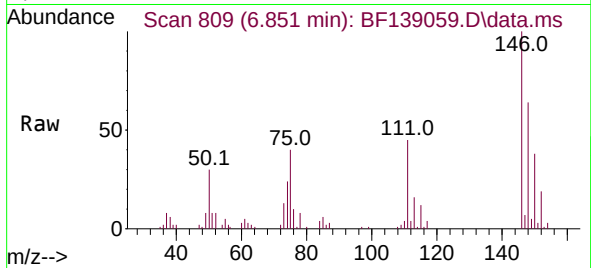




#13
1,4-Dichlorobenzene
Concen: 9.792 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

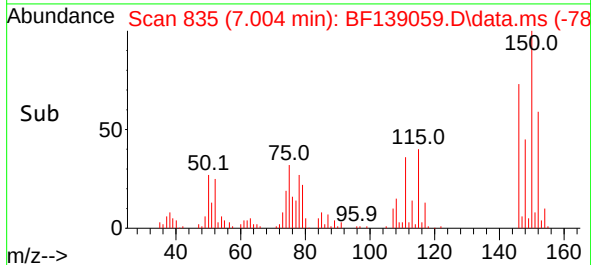
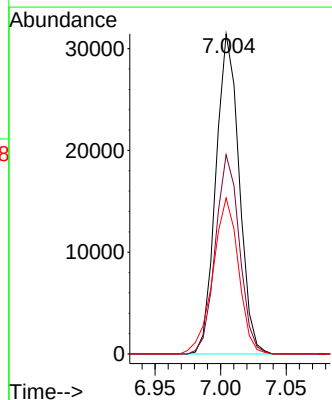
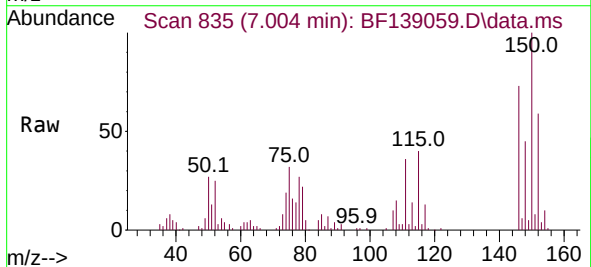
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

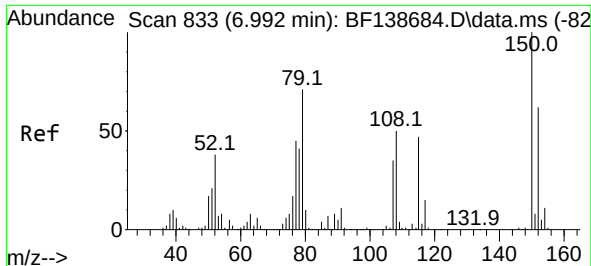
Tgt Ion:146 Resp: 41062
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.2
111 45.2 35.9 53.9



#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

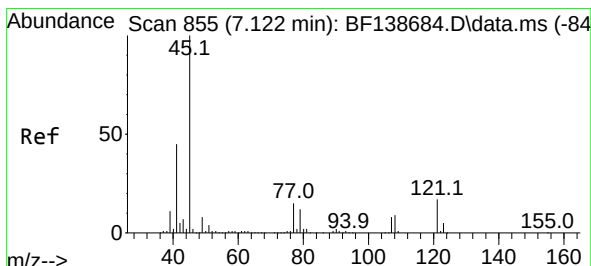
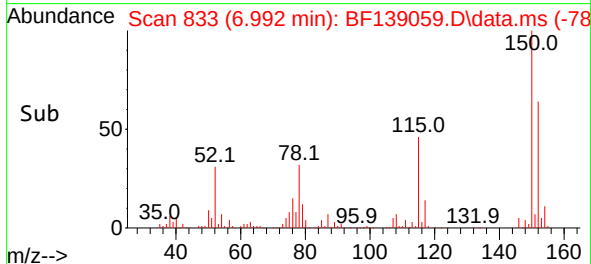
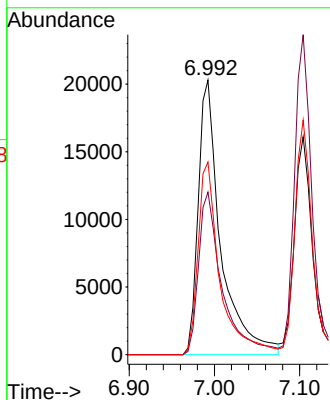
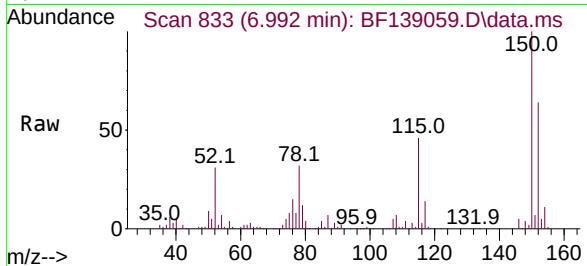




#15
Benzyl Alcohol
Concen: 10.966 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

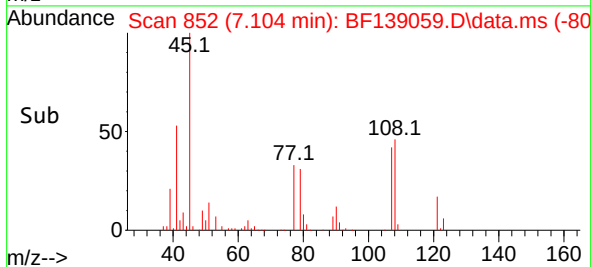
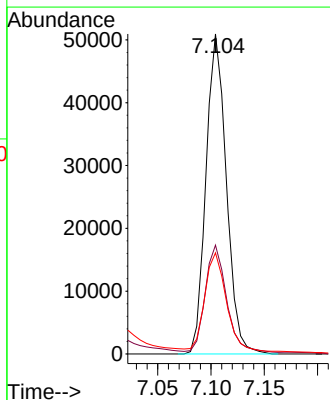
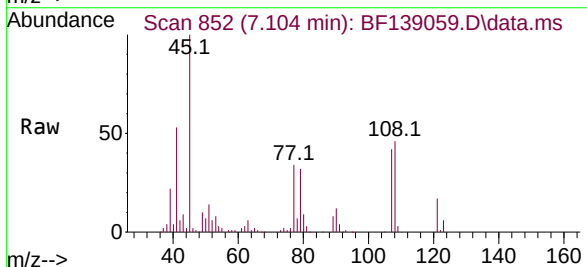
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

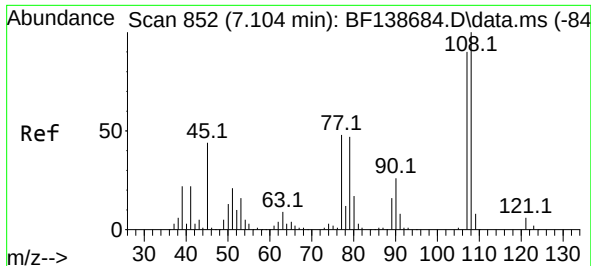
Tgt Ion: 79 Resp: 37438
Ion Ratio Lower Upper
79 100
108 59.2 56.6 85.0
77 70.2 50.3 75.5



#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

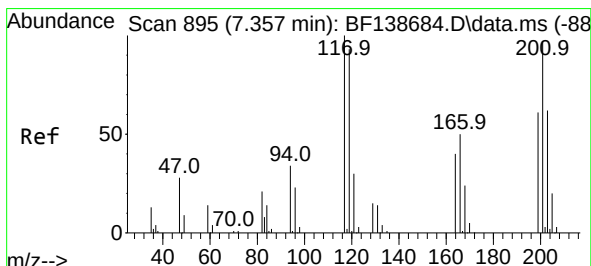
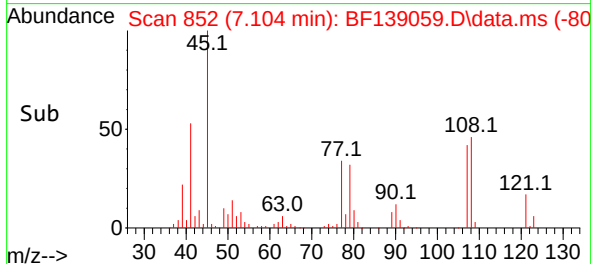
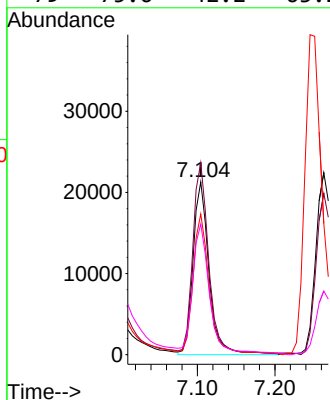
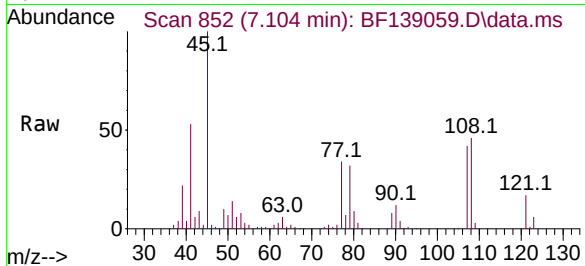




#17
2-Methylphenol
Concen: 10.002 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

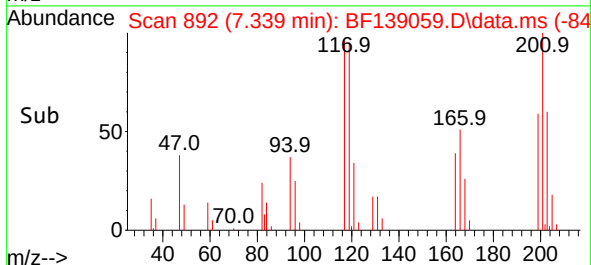
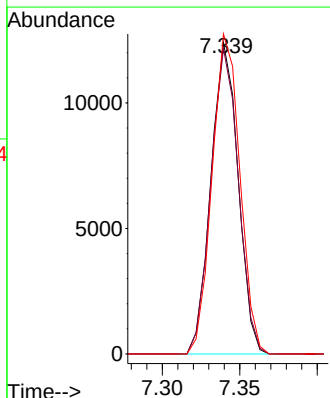
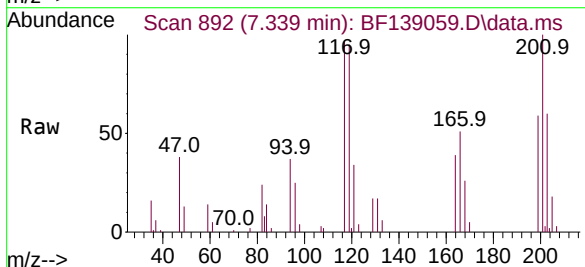
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

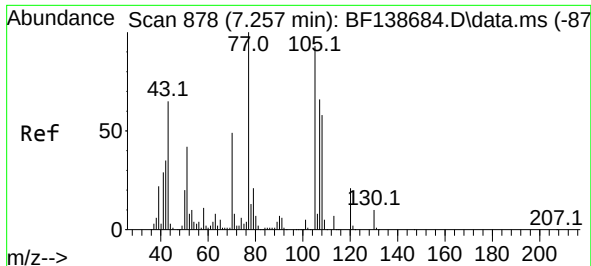
Tgt Ion:	107	Resp:	30658
Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.2	133.8
77	81.4	43.0	64.4#
79	75.6	42.2	63.2#



#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

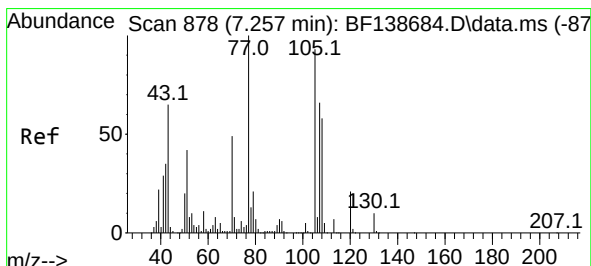
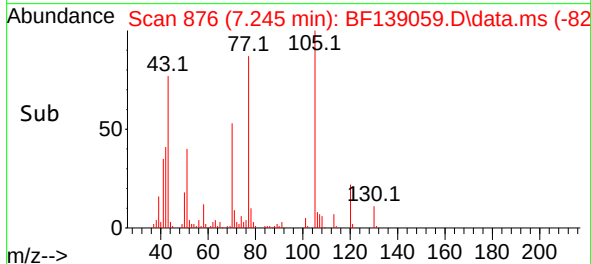
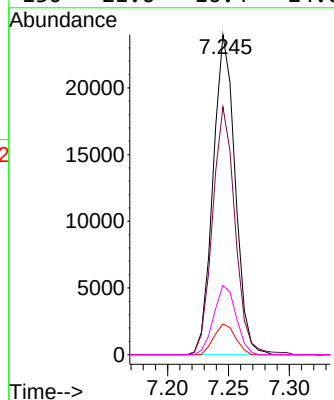
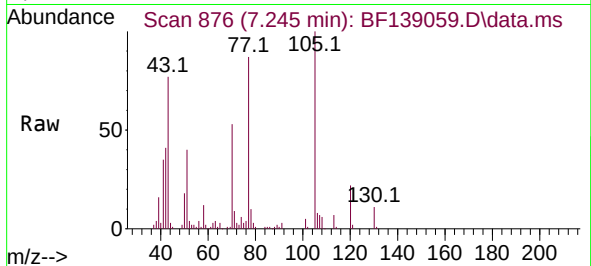




#19
n-Nitroso-di-n-propylamine
Concen: 10.587 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

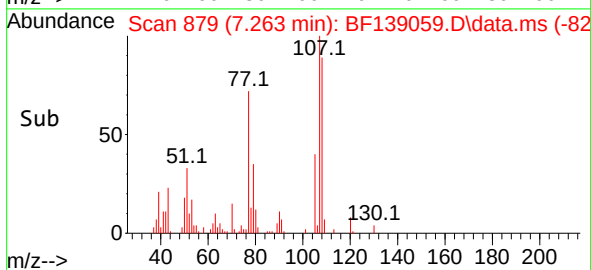
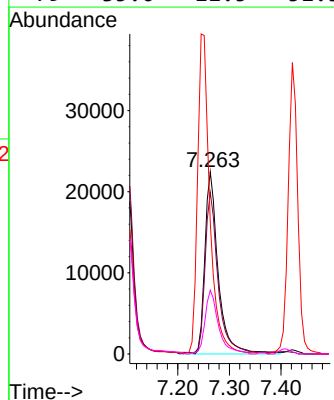
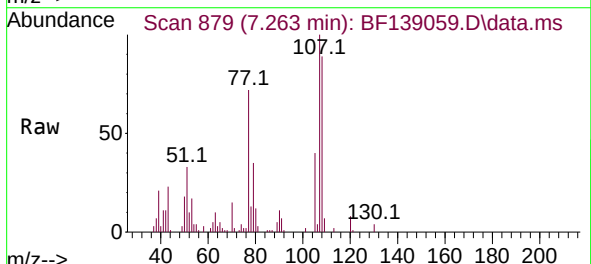
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

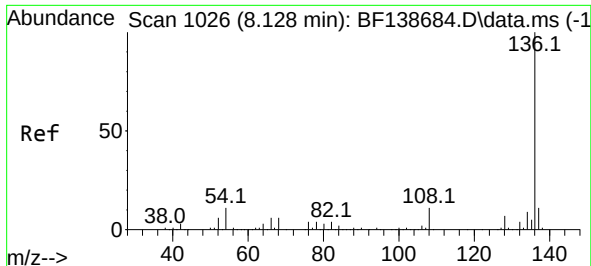
Tgt Ion:	70	Resp:	30289
Ion	Ratio	Lower	Upper
70	100		
42	77.5	57.4	86.0
101	9.6	7.5	11.3
130	21.6	16.4	24.6



#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

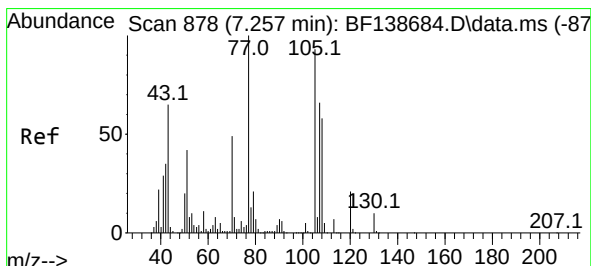
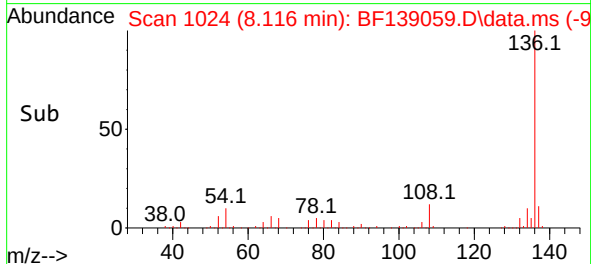
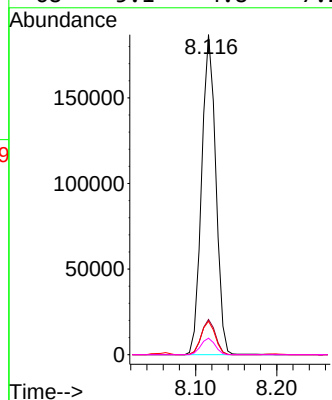
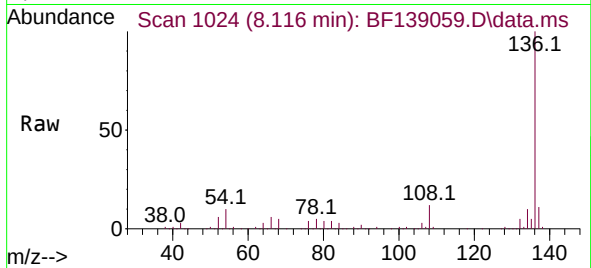




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

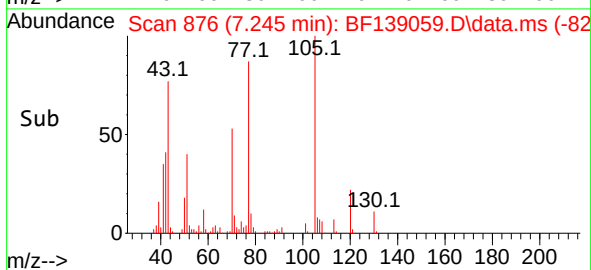
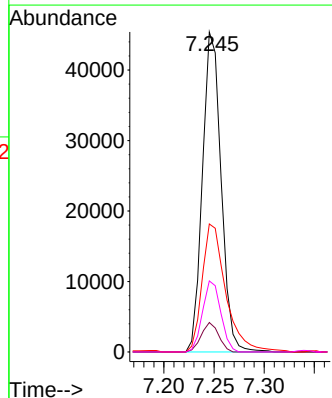
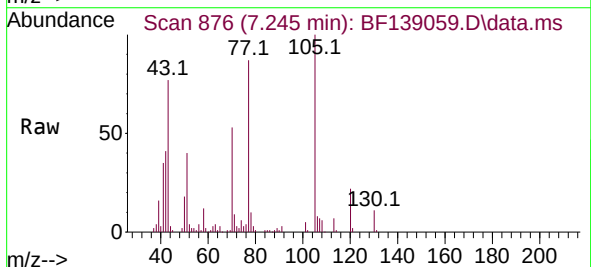
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

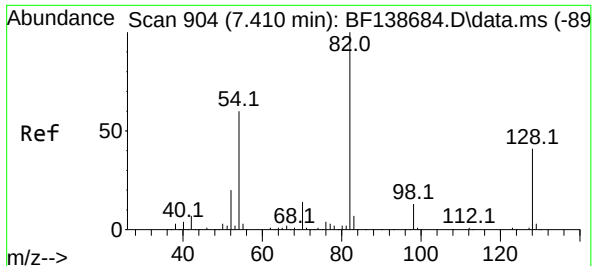
Tgt Ion:136	Resp:	226311	
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.4	8.6	12.8
68	5.1	4.8	7.2



#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

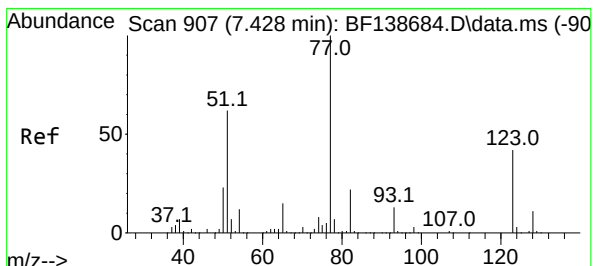
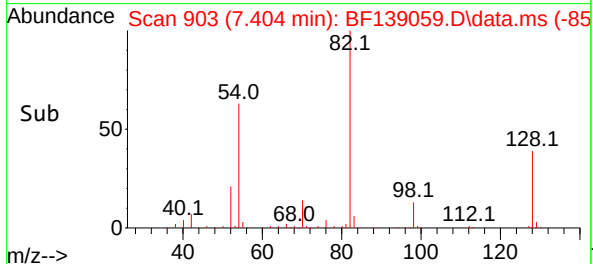
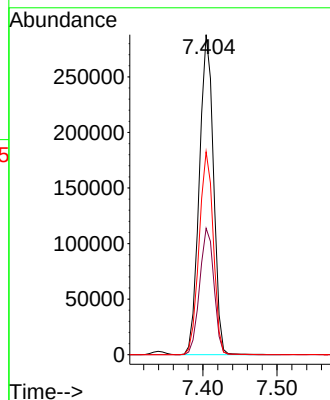
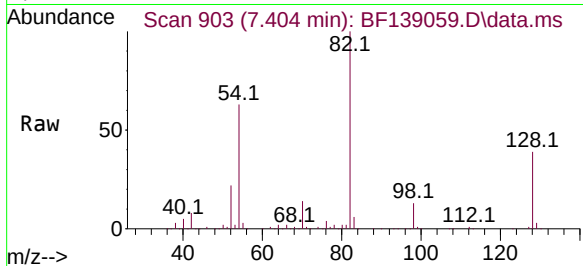




#23
Nitrobenzene-d5
Concen: 82.699 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

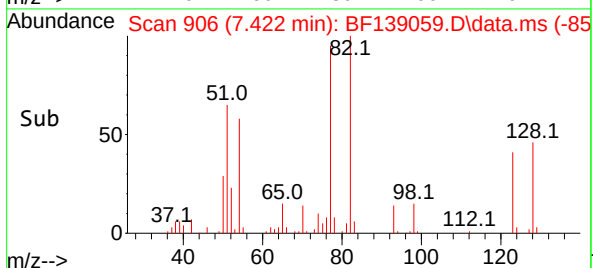
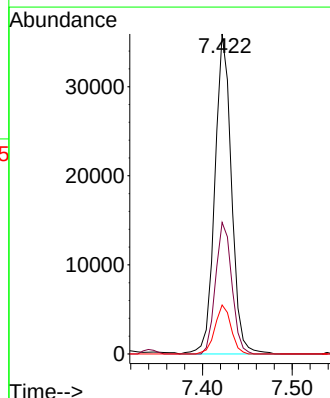
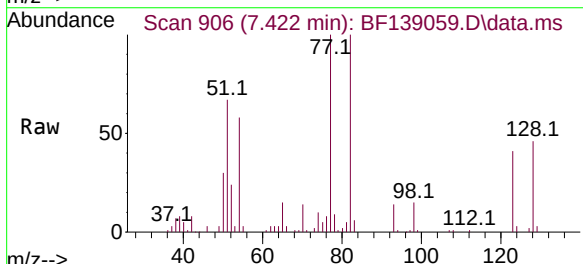
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

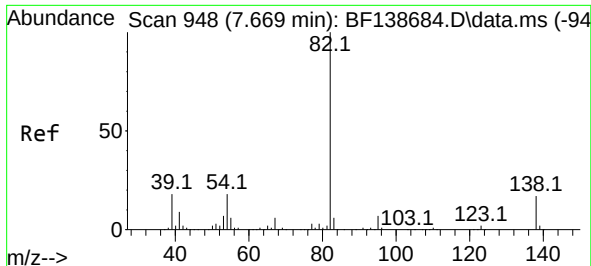
Tgt Ion: 82 Resp: 382801
Ion Ratio Lower Upper
82 100
128 39.5 32.8 49.2
54 63.4 48.3 72.5



#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

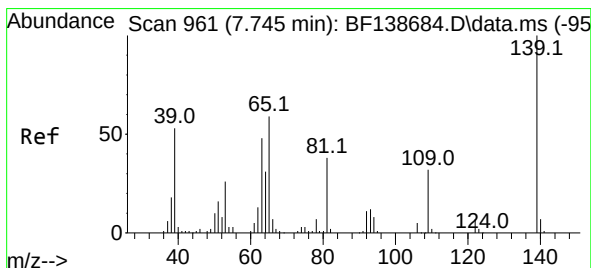
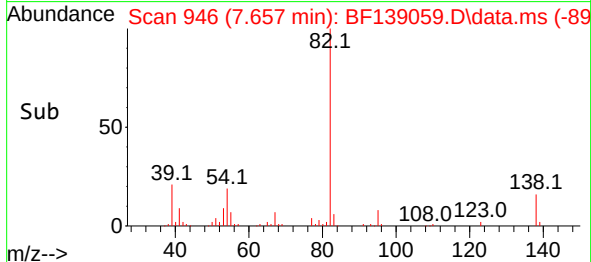
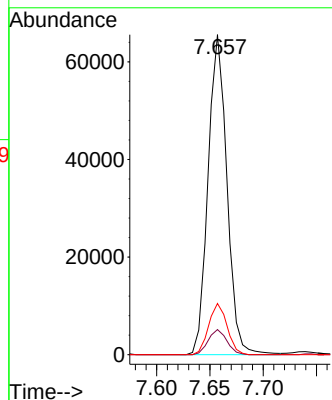
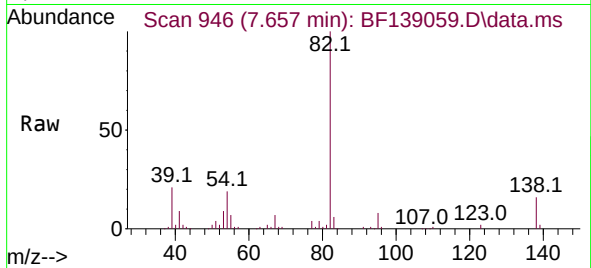




#25
Isophorone
Concen: 10.267 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

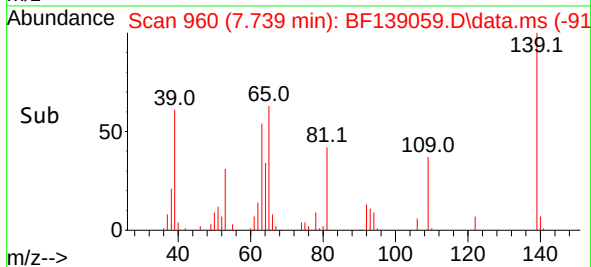
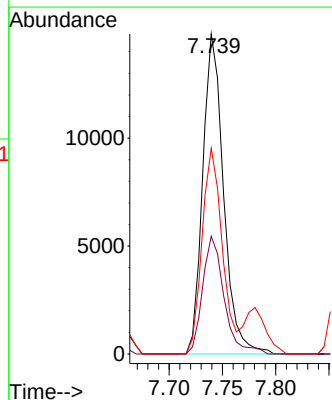
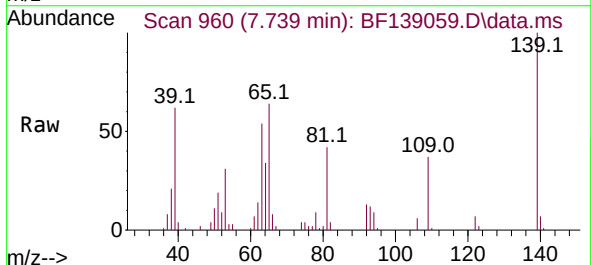
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

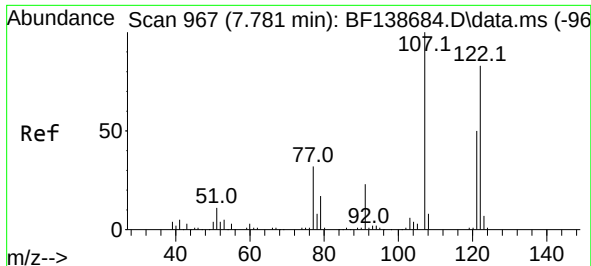
Tgt Ion: 82 Resp: 81154
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 16.0 13.7 20.5



#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

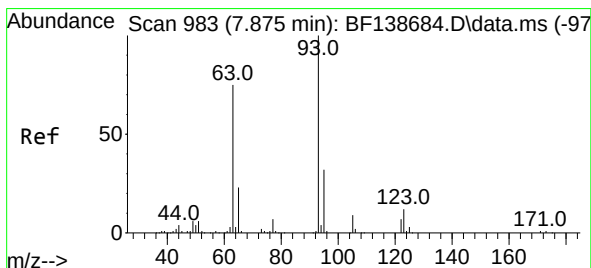
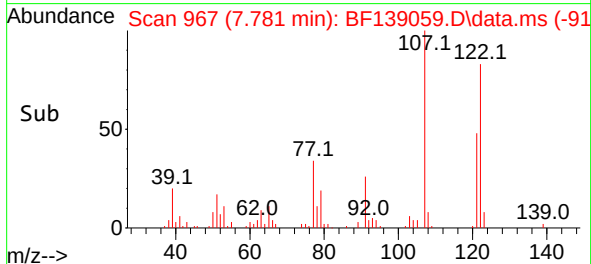
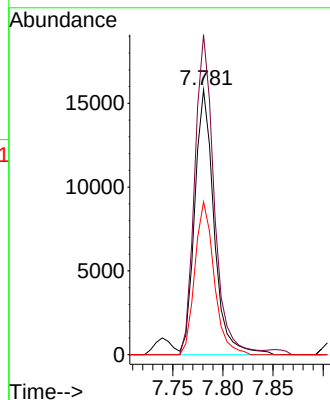
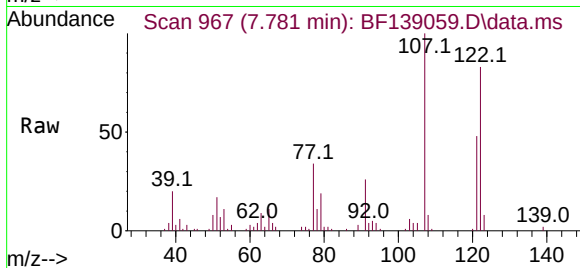




#27
2,4-Dimethylphenol
Concen: 8.752 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

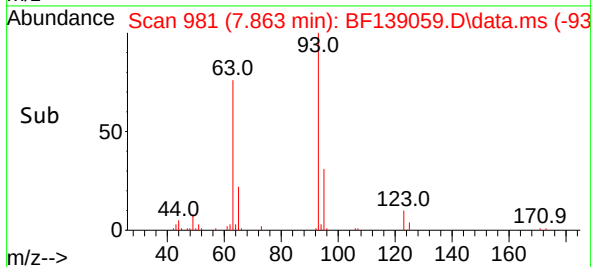
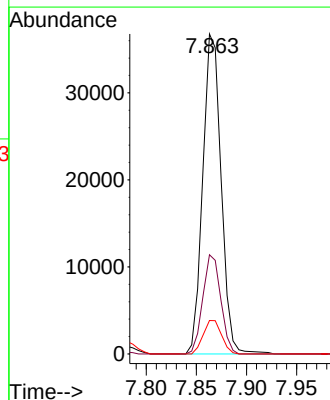
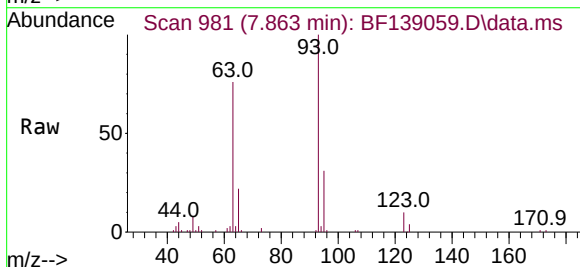
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

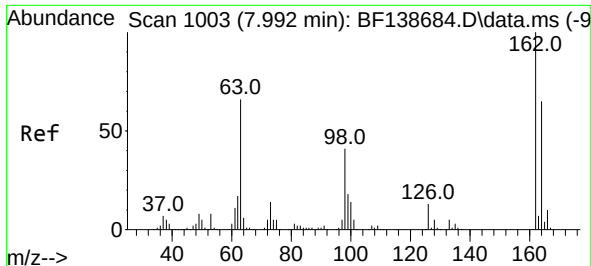
Tgt Ion:122 Resp: 21220
Ion Ratio Lower Upper
122 100
107 120.8 95.0 142.6
121 57.7 47.3 70.9



#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

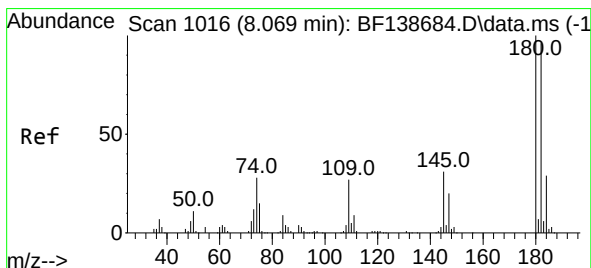
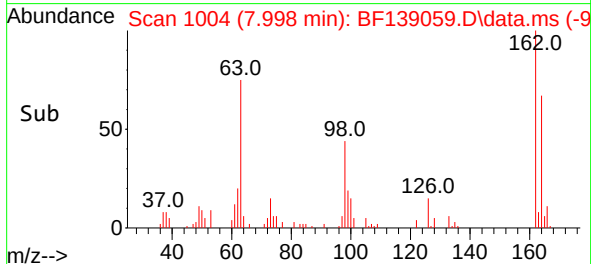
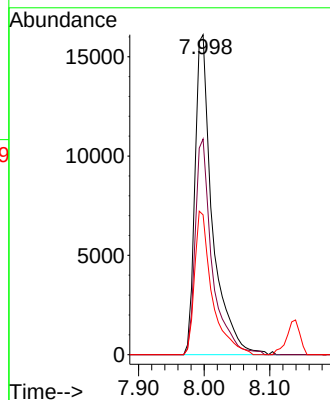
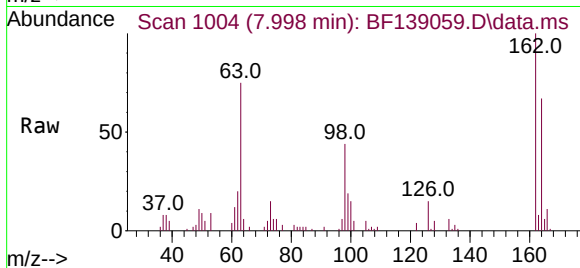
Tgt Ion:162 Resp: 29843

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

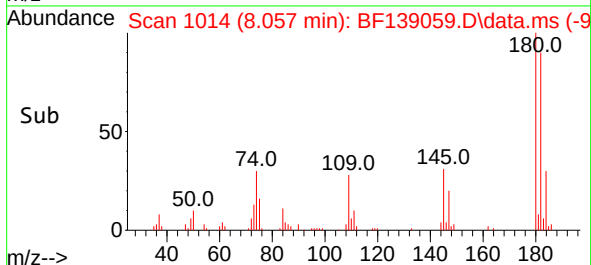
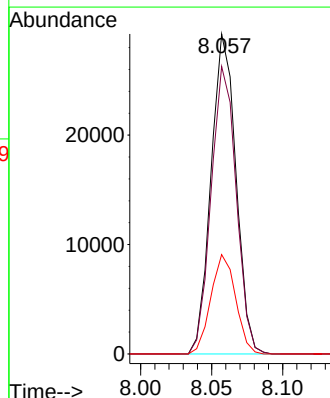
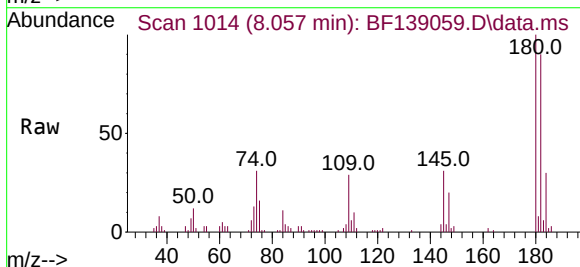
Tgt Ion:180 Resp: 35605

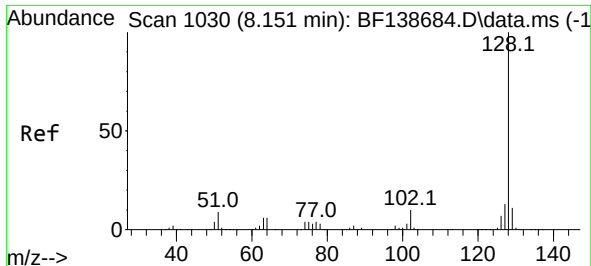
Ion Ratio Lower Upper

180 100

182 89.9 76.9 115.3

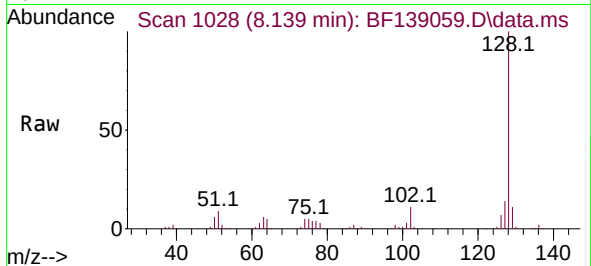
145 31.1 25.0 37.4



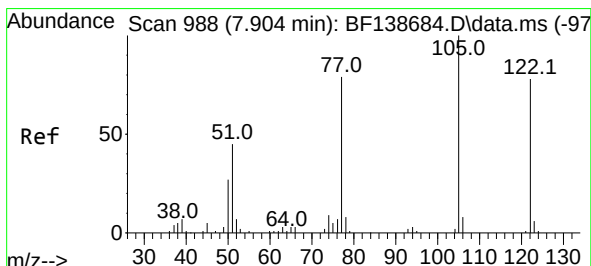
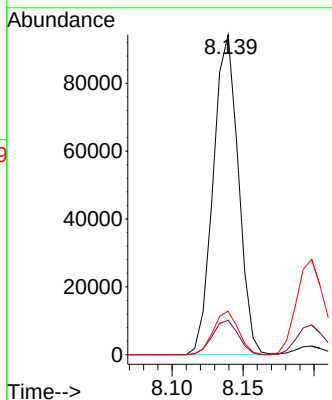
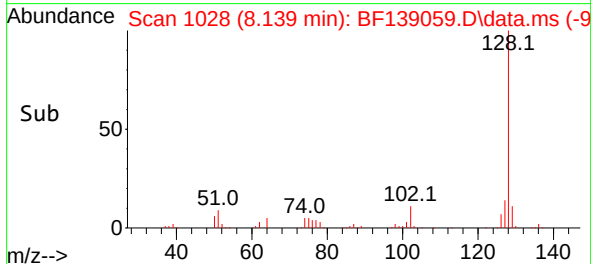


#31
Naphthalene
Concen: 9.751 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

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

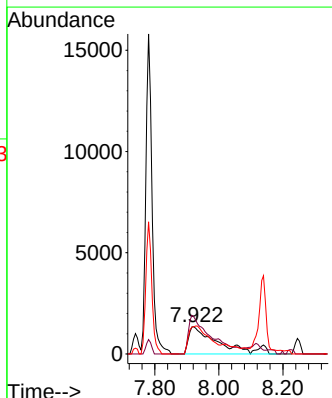
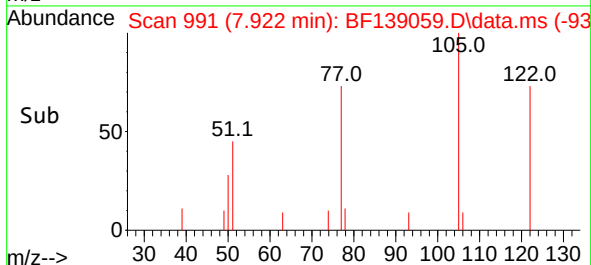
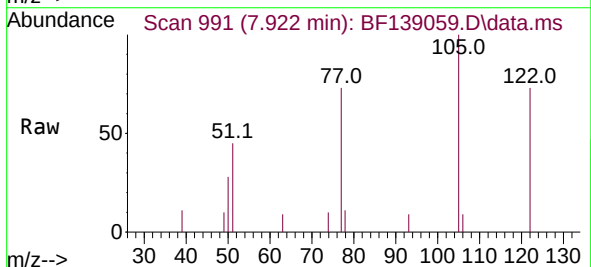


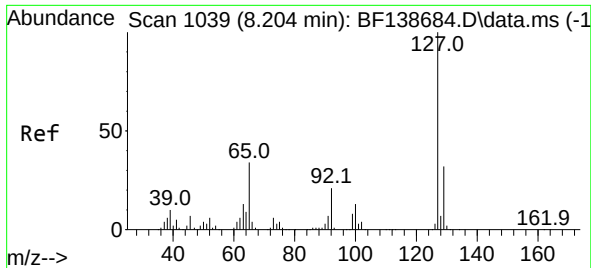
Tgt Ion:128 Resp: 116162
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 4.458 ng m
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: 8497
Ion Ratio Lower Upper
122 100
105 136.1 106.7 146.7
77 100.0 81.1 121.1

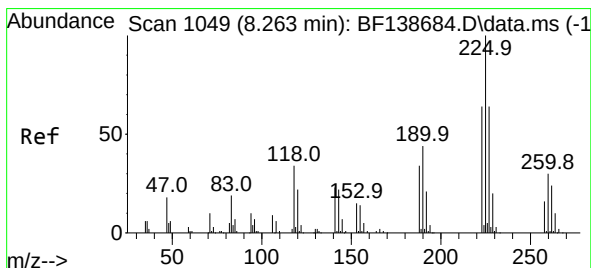
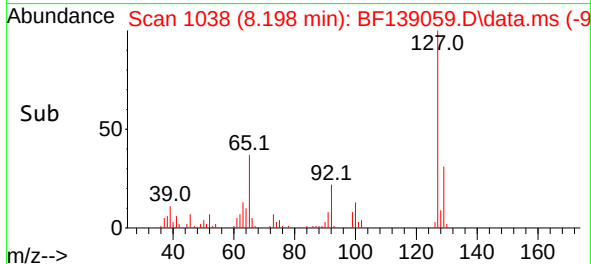
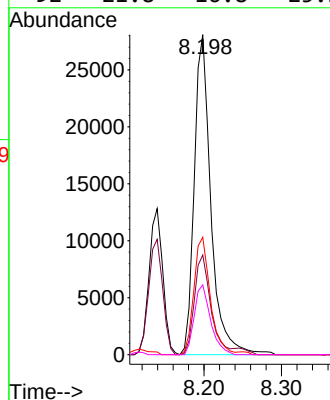
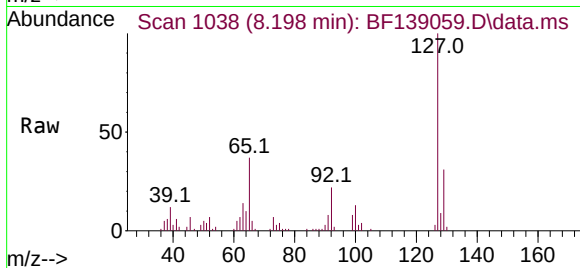




#33
4-Chloroaniline
Concen: 10.503 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

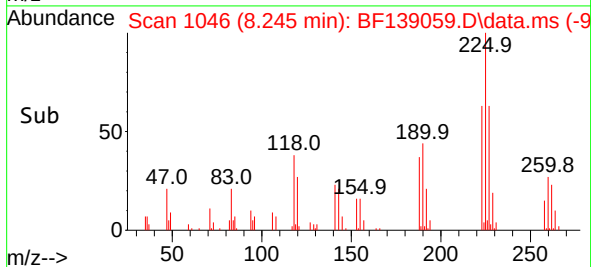
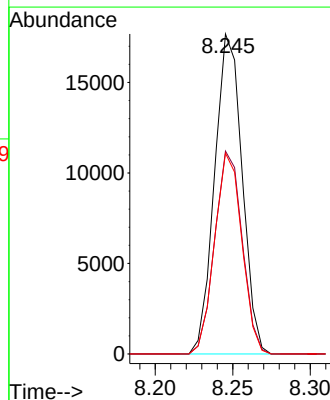
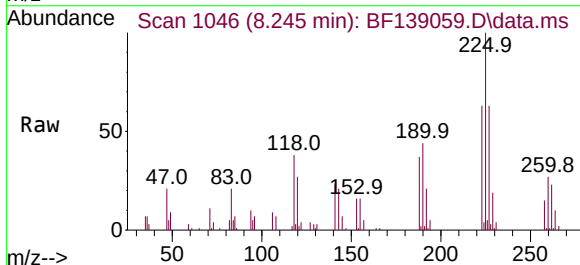
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

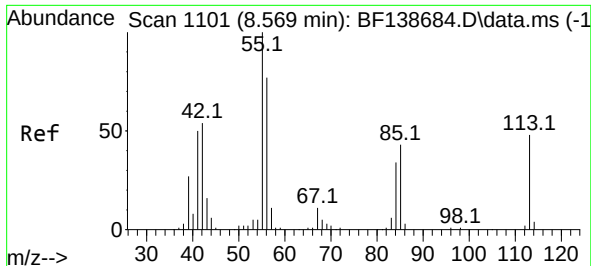
Tgt Ion:	127	Resp:	41997
Ion Ratio	Lower	Upper	
127	100		
129	31.2	25.9	38.9
65	36.7	27.6	41.4
92	21.8	16.8	25.2



#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

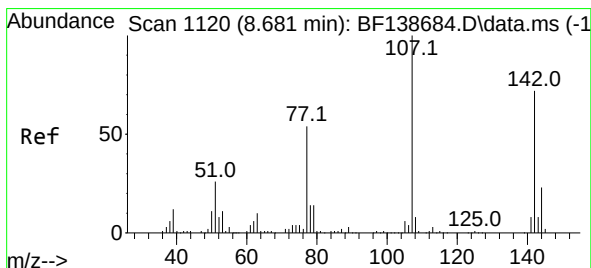
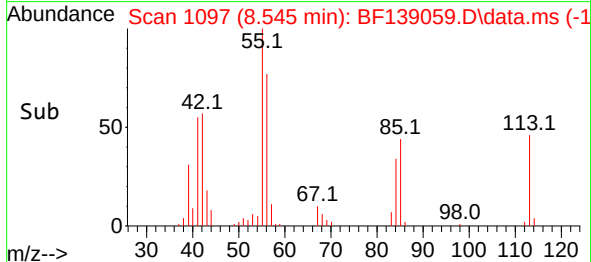
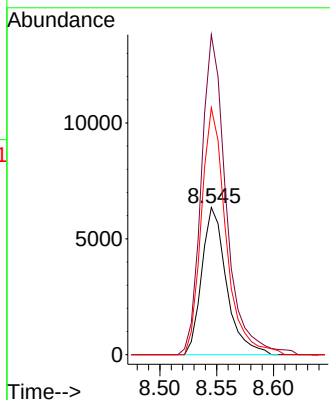
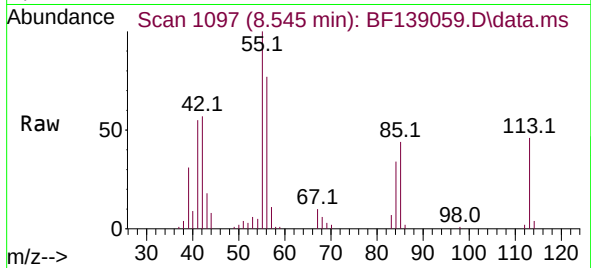




#35
 Caprolactam
 Concen: 10.349 ng
 RT: 8.545 min Scan# 1101
 Delta R.T. -0.024 min
 Lab File: BF139059.D
 Acq: 16 Aug 2024 15:59

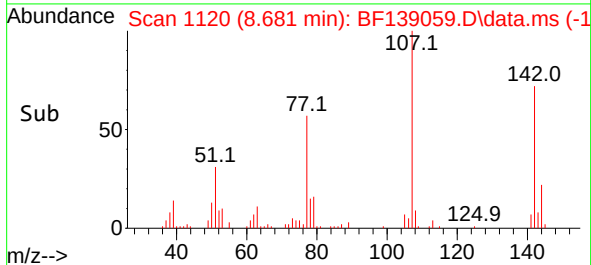
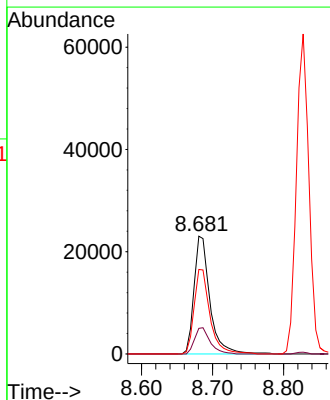
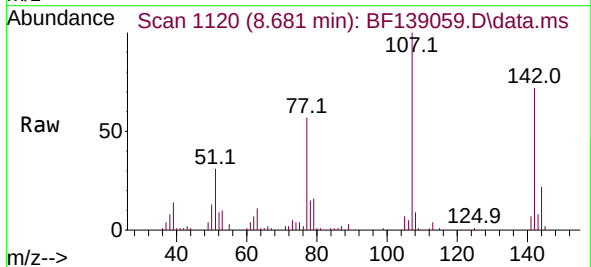
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

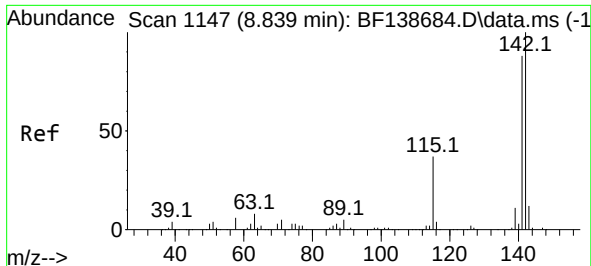
Tgt Ion:113 Resp: 9621
 Ion Ratio Lower Upper
 113 100
 55 217.4 186.7 226.7
 56 167.7 138.9 178.9



#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

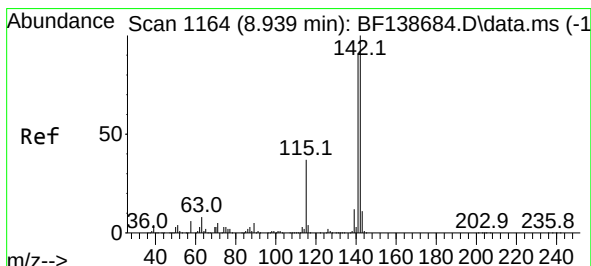
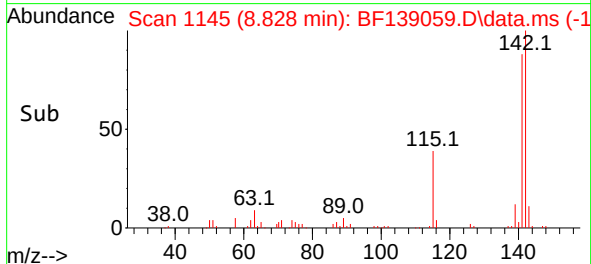
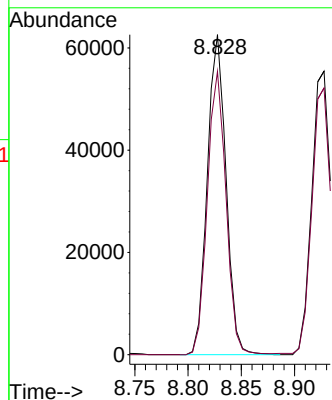
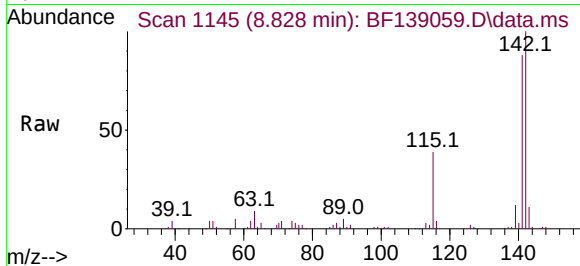




#37
2-Methylnaphthalene
Concen: 10.161 ng
RT: 8.828 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

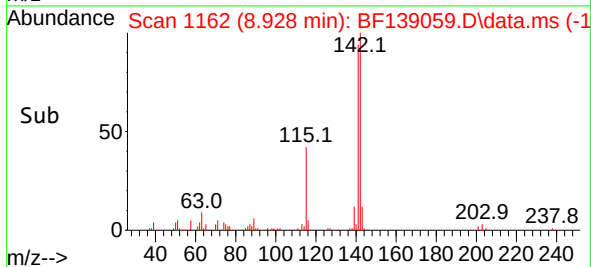
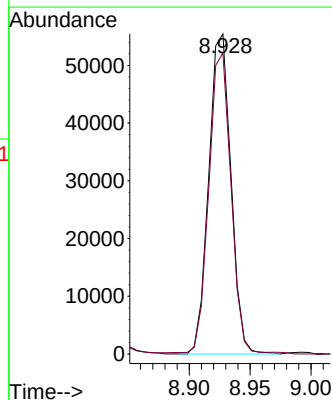
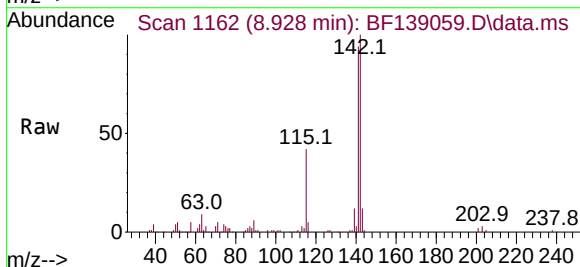
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

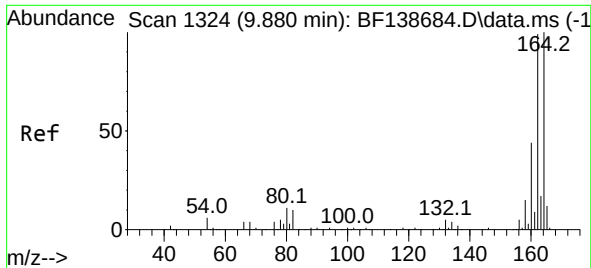
Tgt Ion:142 Resp: 76445
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2



#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

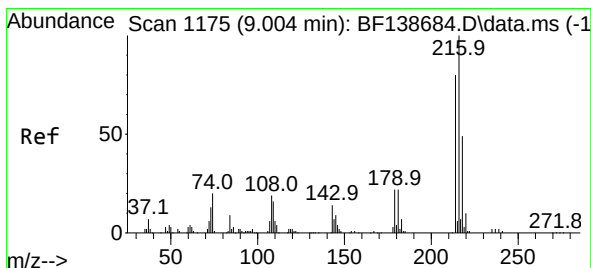
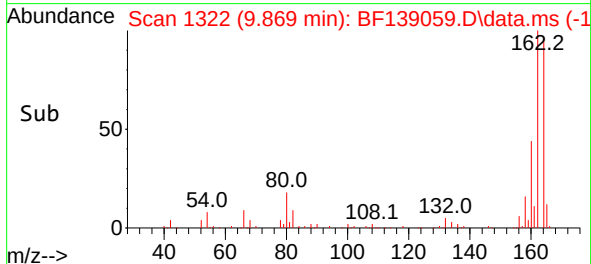
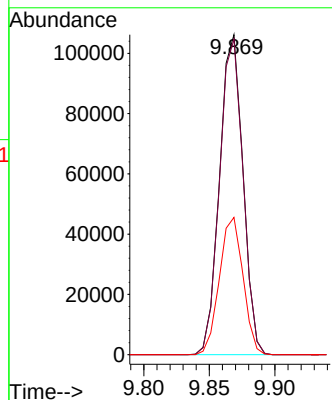
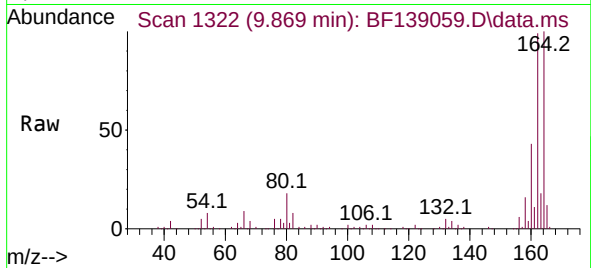
Tgt Ion:164 Resp: 131540

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

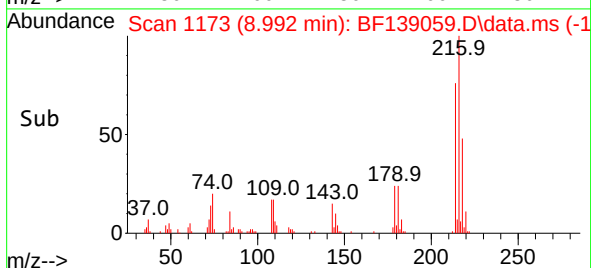
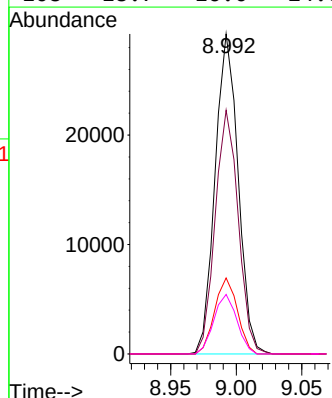
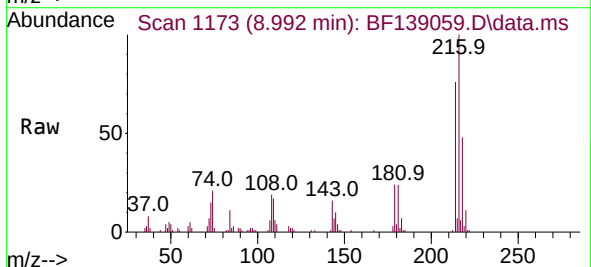
Ion Ratio Lower Upper

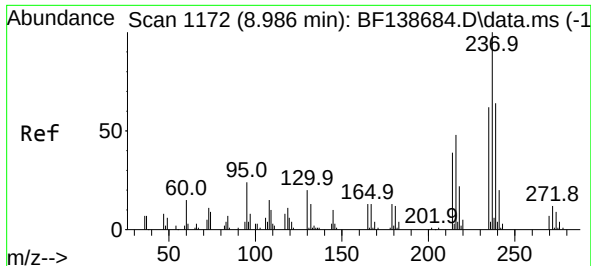
216 100

214 76.1 63.9 95.9

179 23.5 17.8 26.6

108 18.7 16.0 24.0

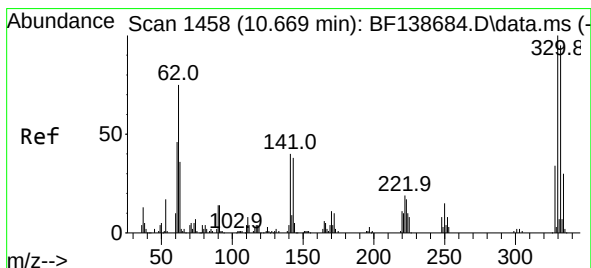
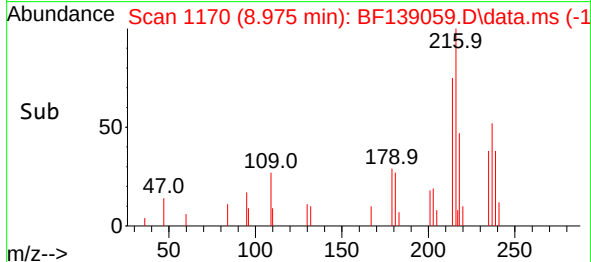
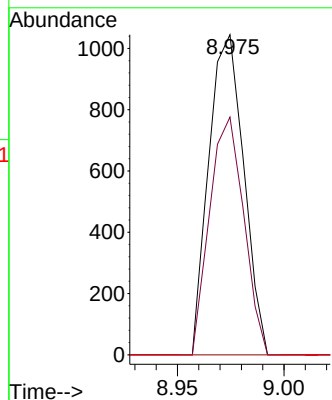
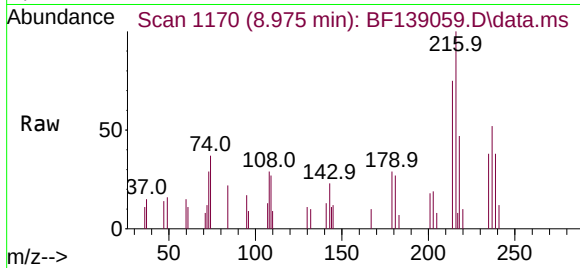




#41
Hexachlorocyclopentadiene
Concen: 8.092 ng
RT: 8.975 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

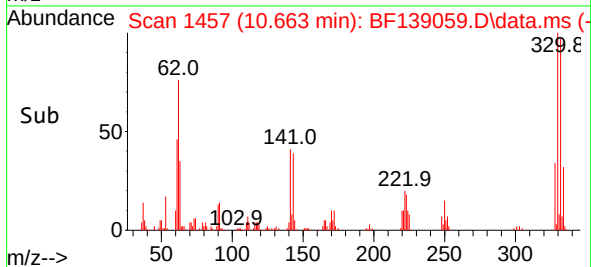
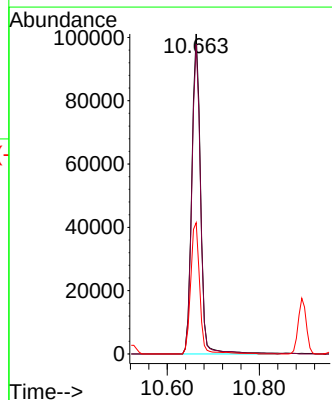
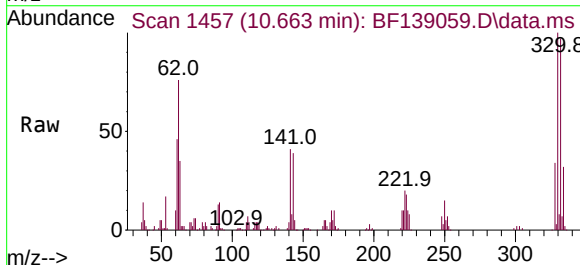
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

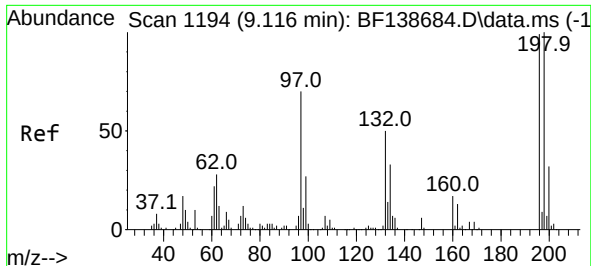
Tgt Ion:237	Resp:	1193
Ion Ratio	Lower	Upper
237	100	
235	74.3	41.8 81.8
272	0.0	0.0 32.2



#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

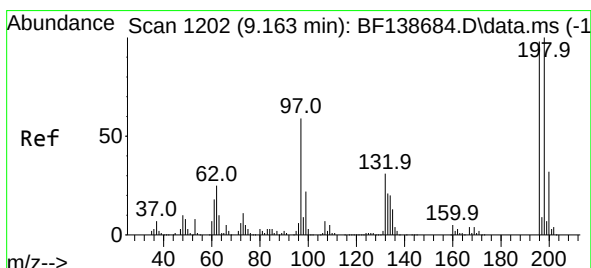
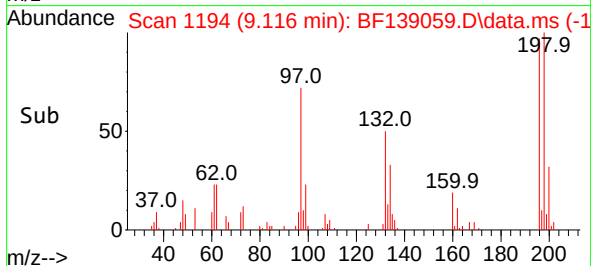
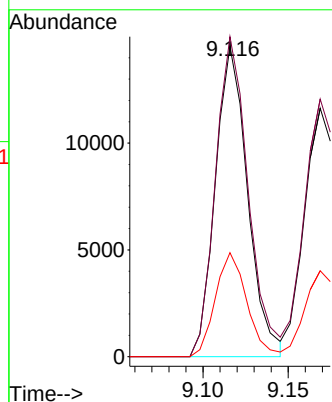
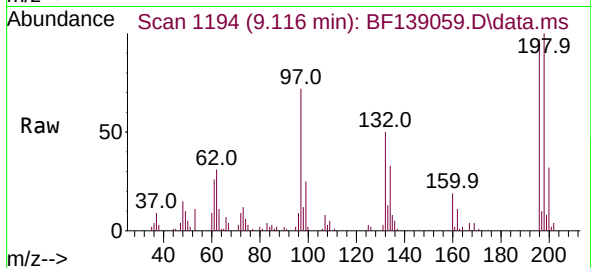
Tgt Ion:196 Resp: 19123

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

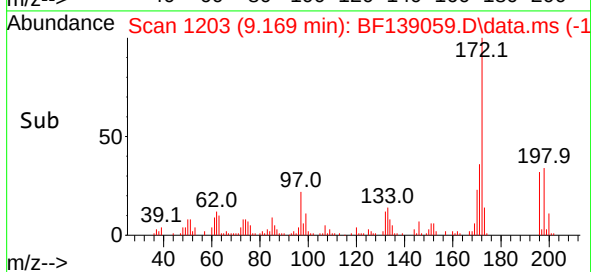
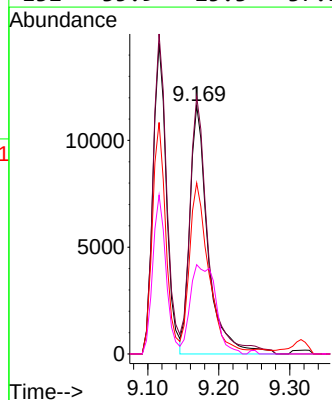
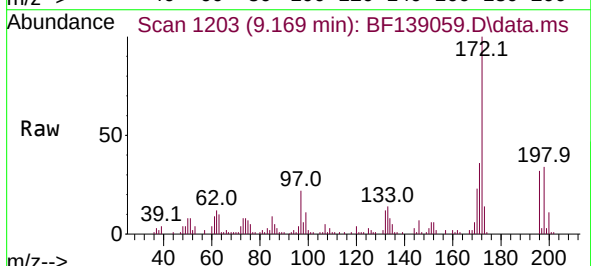
Ion Ratio Lower Upper

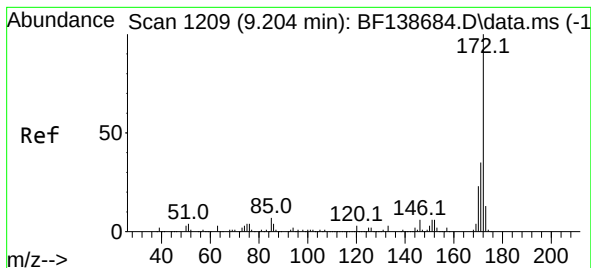
196 100

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# 1

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

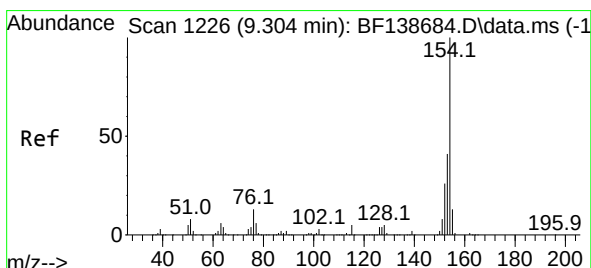
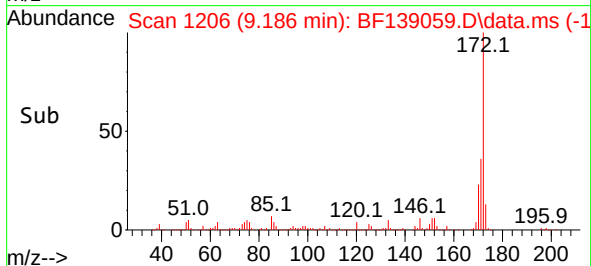
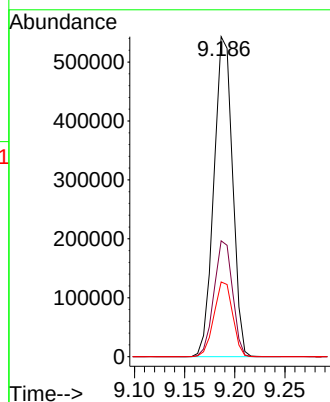
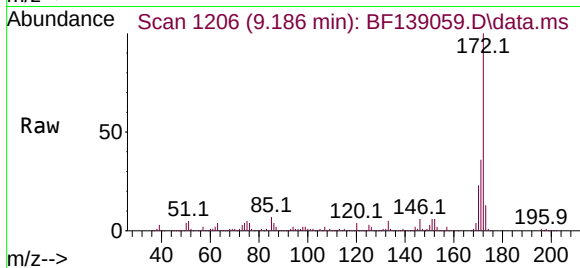
Tgt Ion:172 Resp: 701501

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

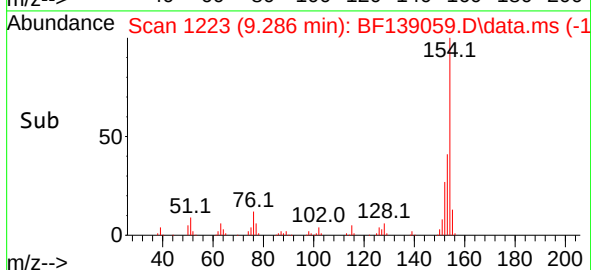
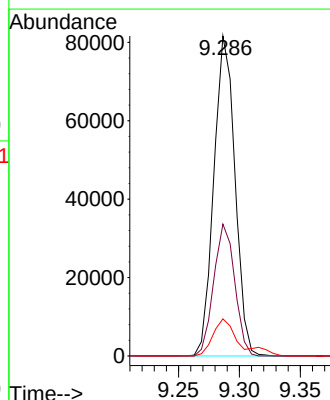
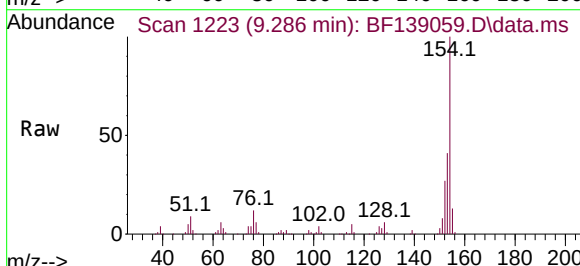
Tgt Ion:154 Resp: 98473

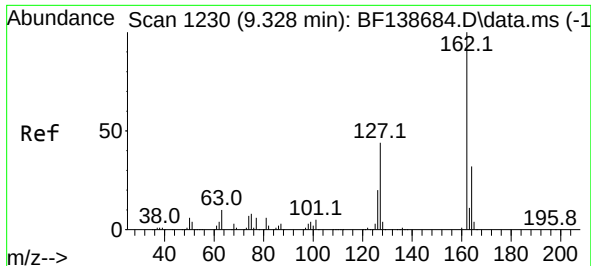
Ion Ratio Lower Upper

154 100

153 41.2 20.8 60.8

76 11.6 0.0 32.8

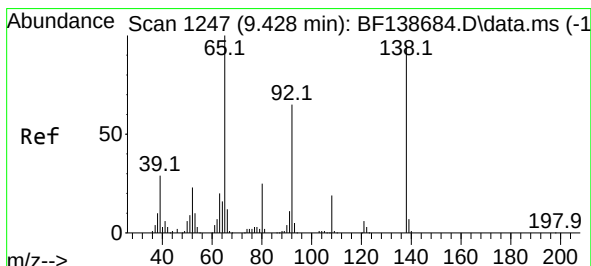
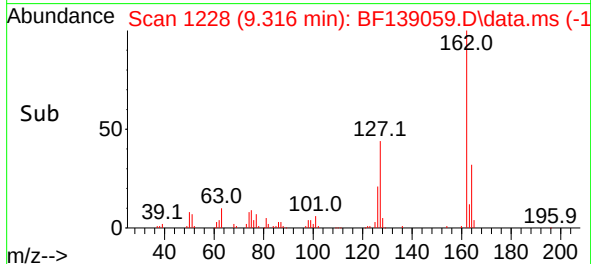
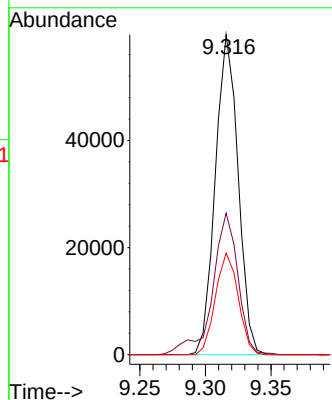
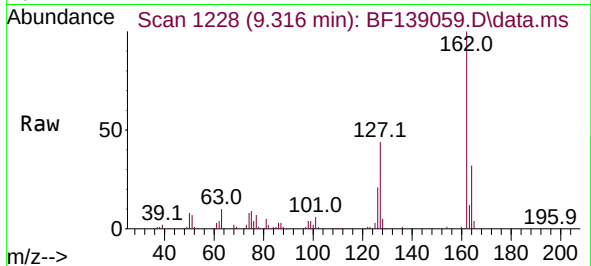




#47
2-Chloronaphthalene
Concen: 9.398 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

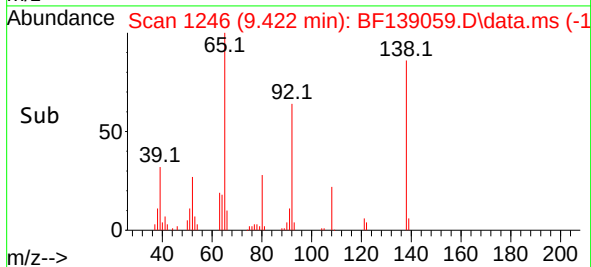
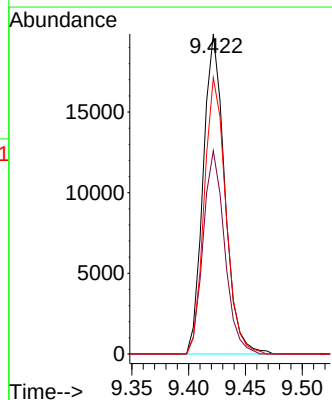
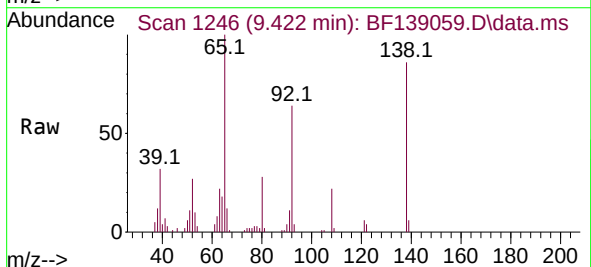
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

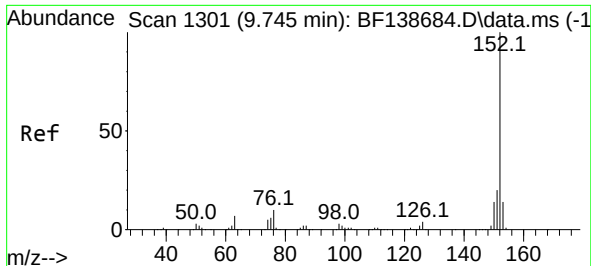
Tgt Ion:162 Resp: 72004
Ion Ratio Lower Upper
162 100
127 44.3 35.4 53.2
164 31.7 25.6 38.4



#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

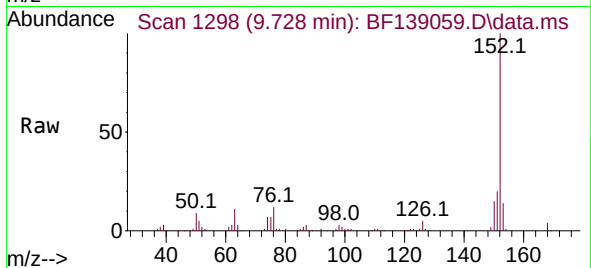
Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



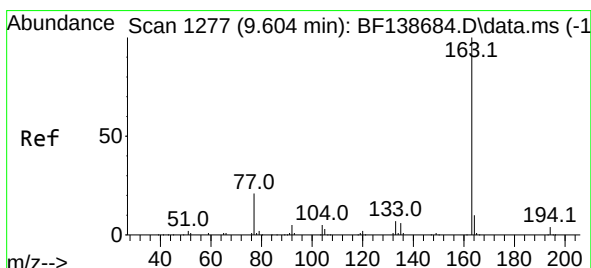
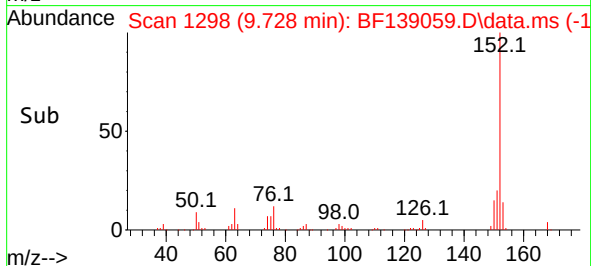
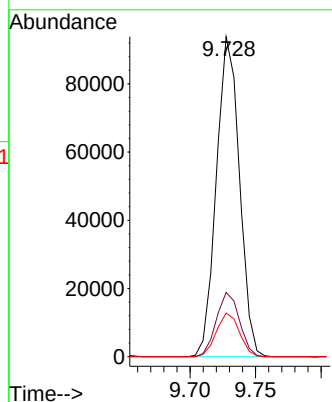
Tgt Ion:152 Resp: 114658

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

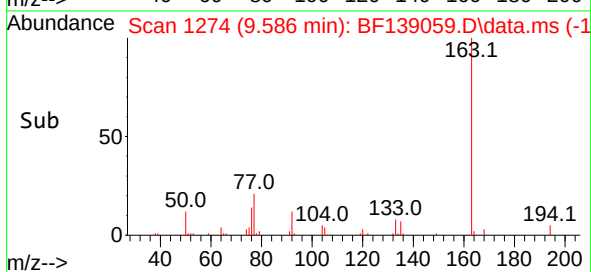
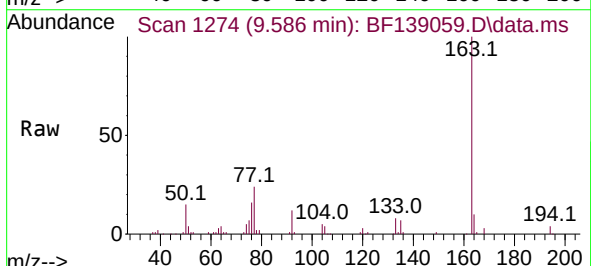
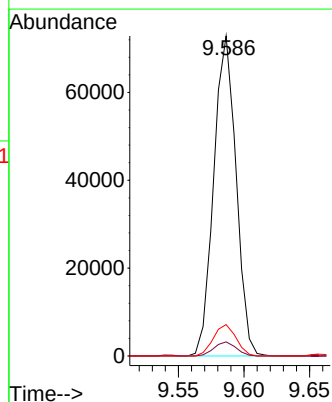
Tgt Ion:163 Resp: 86258

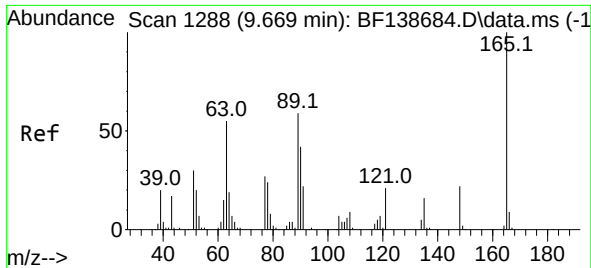
Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

164 9.8 7.8 11.8

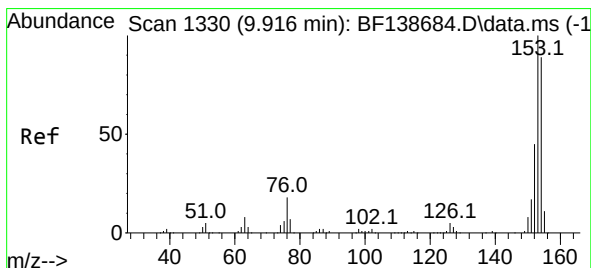
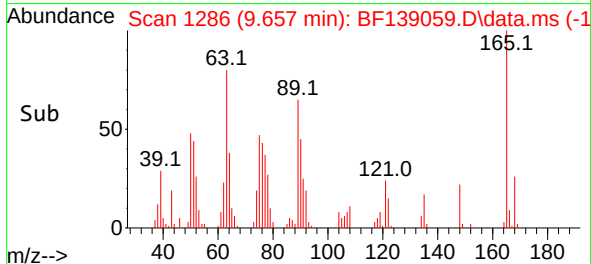
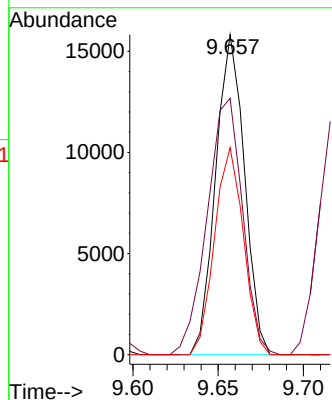
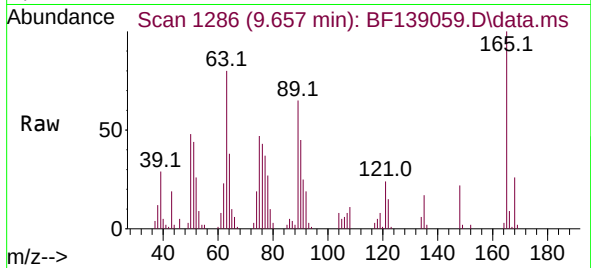




#51
2,6-Dinitrotoluene
Concen: 9.794 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

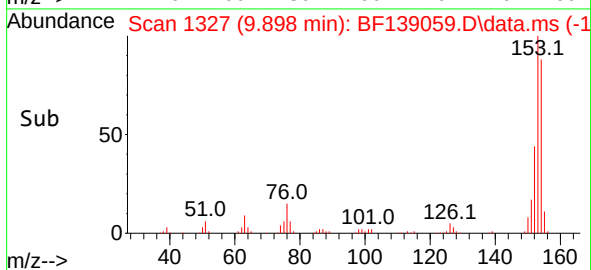
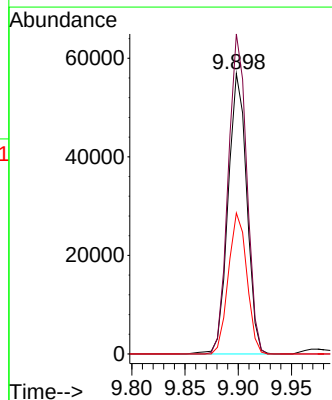
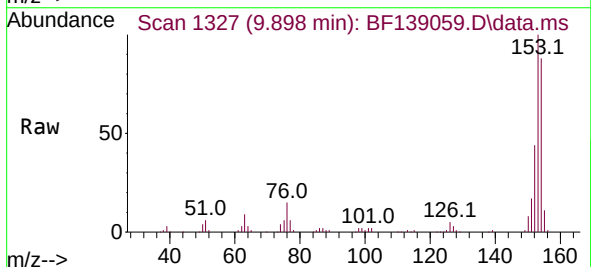
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

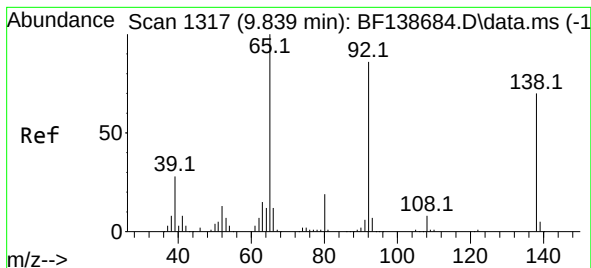
Tgt Ion:165 Resp: 18591
Ion Ratio Lower Upper
165 100
63 80.1 52.0 78.0#
89 64.7 47.0 70.6



#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# 11

Delta R.T. -0.006 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

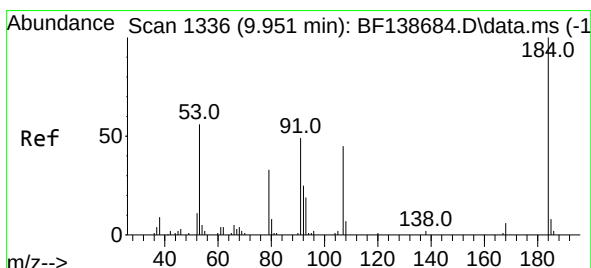
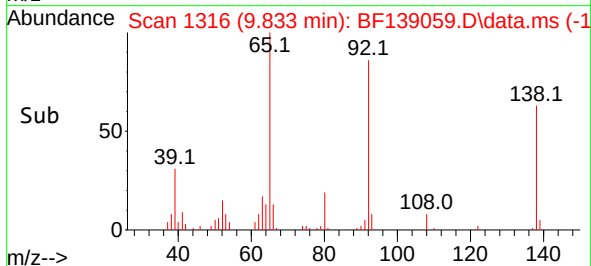
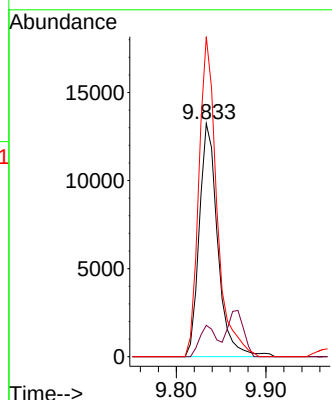
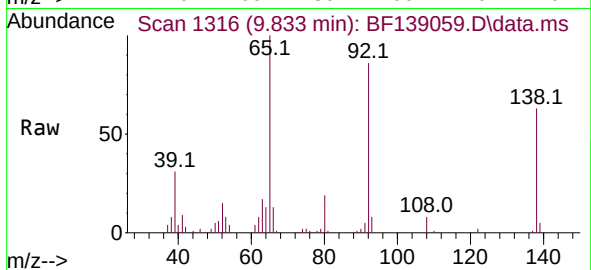
Instrument :

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

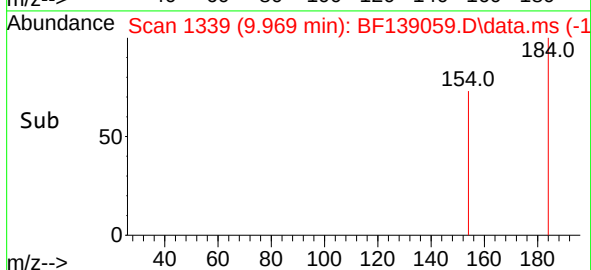
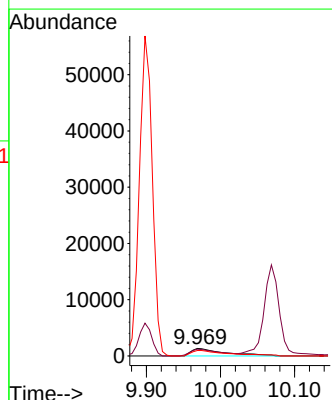
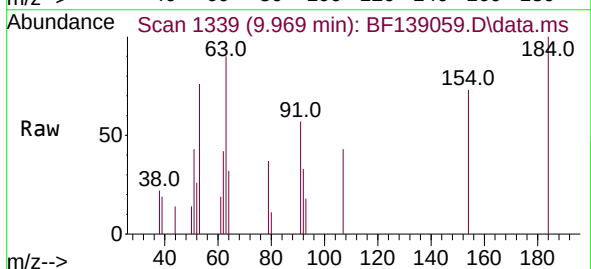
RT: 9.969 min Scan# 1339

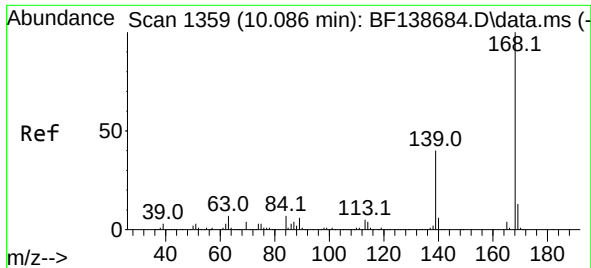
Delta R.T. 0.018 min

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

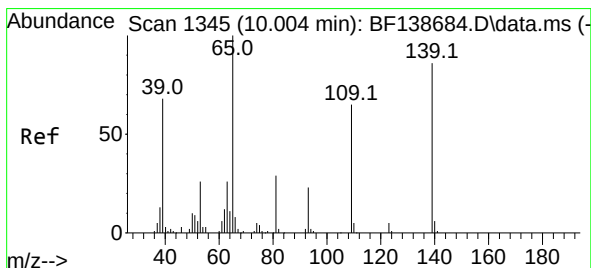
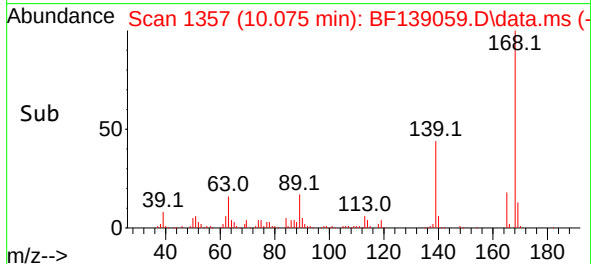
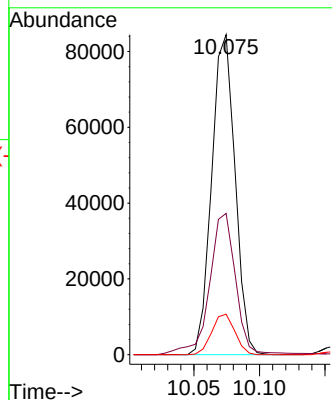
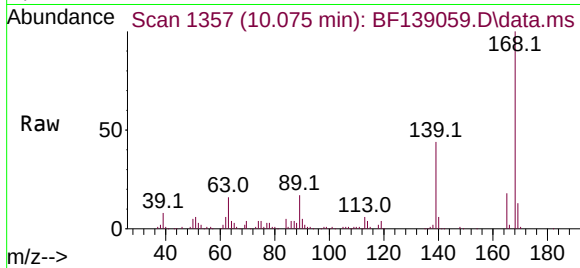




#55
Dibenzofuran
Concen: 10.155 ng
RT: 10.075 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

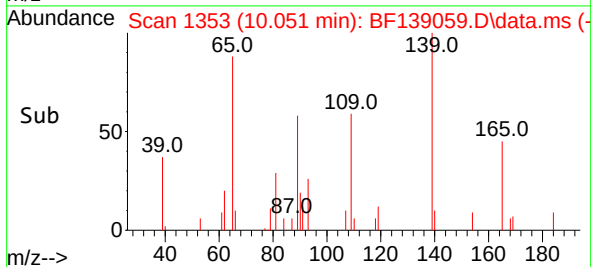
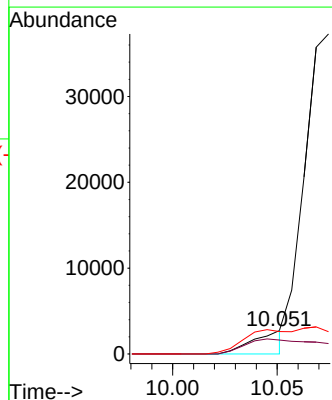
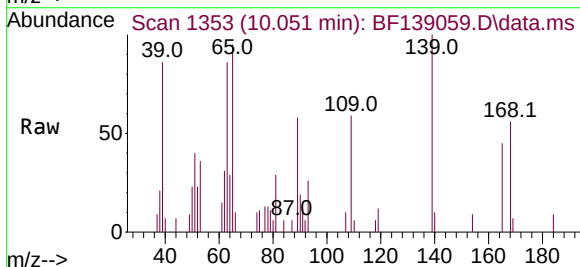
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

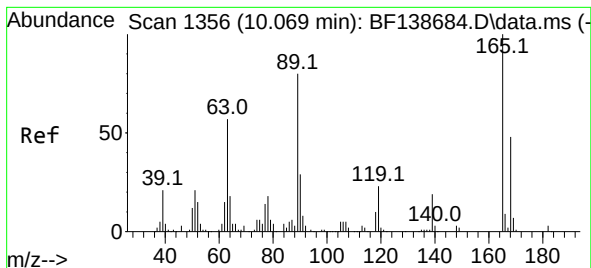
Tgt Ion:168 Resp: 104714
Ion Ratio Lower Upper
168 100
139 44.2 32.6 49.0
169 12.7 10.7 16.1



#56
4-Nitrophenol
Concen: 2.373 ng m
RT: 10.051 min Scan# 1353
Delta R.T. 0.047 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:139 Resp: 2800
Ion Ratio Lower Upper
139 100
109 59.3 55.5 95.5
65 95.5 96.7 136.7#

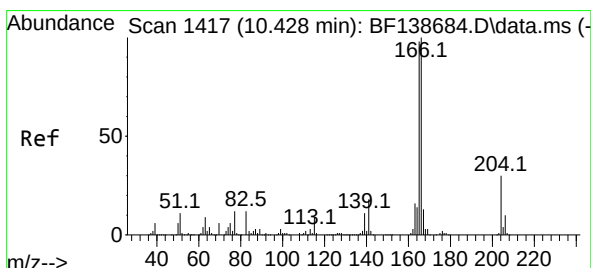
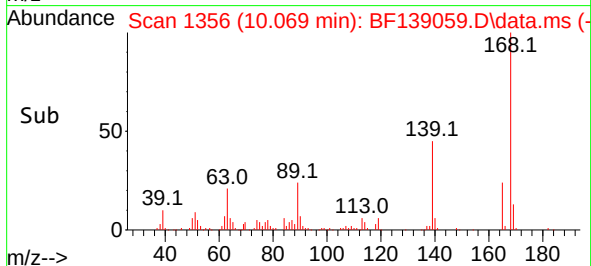
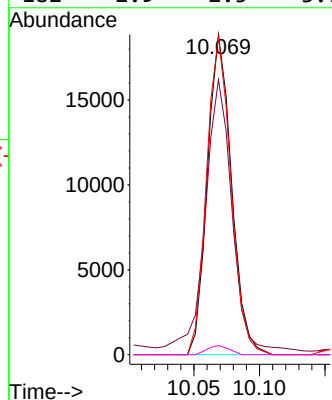
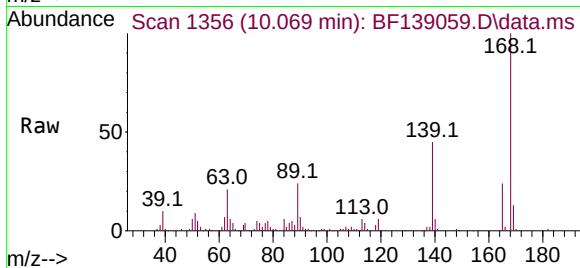




#57
2,4-Dinitrotoluene
Concen: 9.981 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

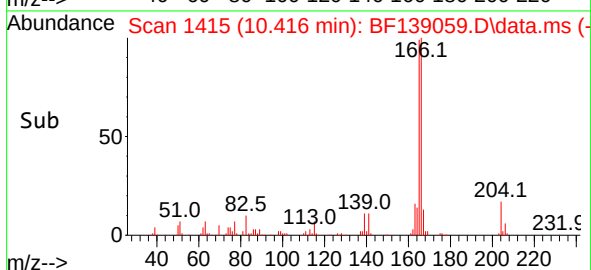
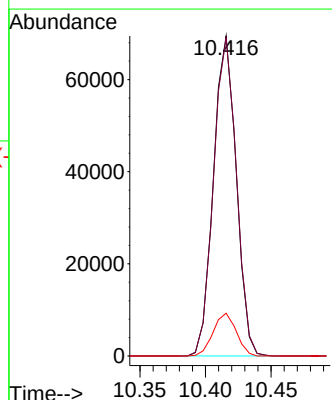
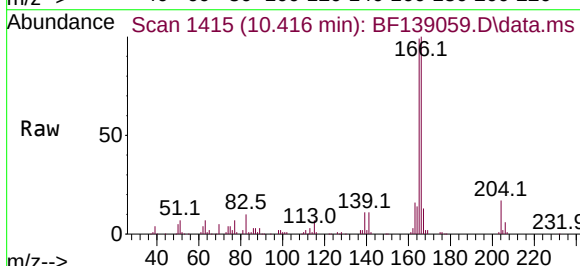
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

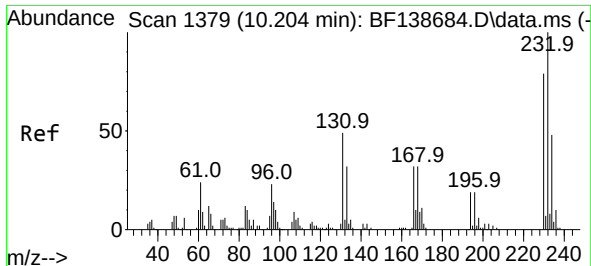
Tgt Ion:	165	Resp:	24172
Ion	Ratio	Lower	Upper
165	100		
63	85.9	46.3	69.5#
89	99.4	64.2	96.4#
182	2.9	2.5	3.7



#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

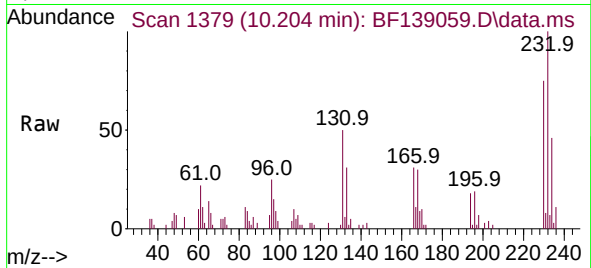
Acq: 16 Aug 2024 15:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:232 Resp: 18458

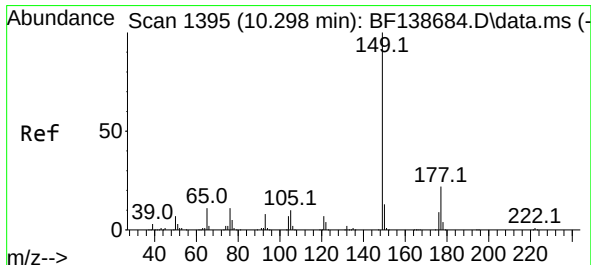
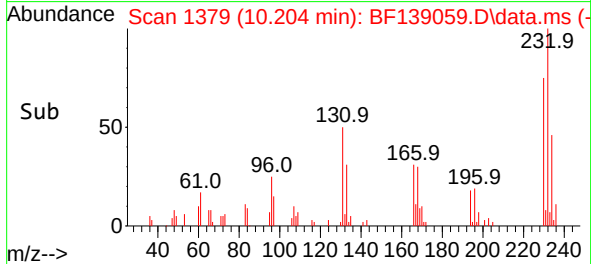
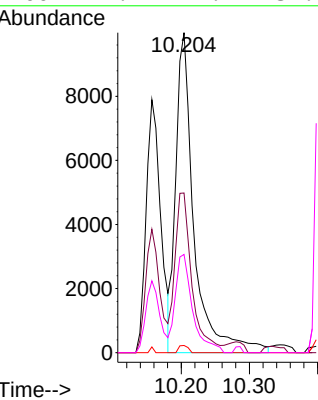
Ion Ratio Lower Upper

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

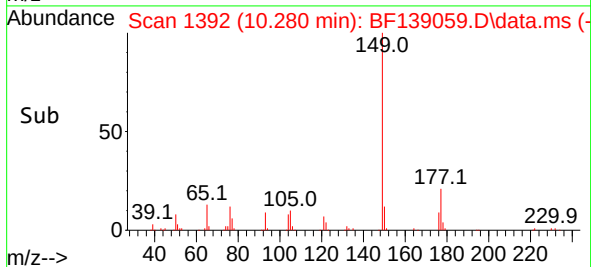
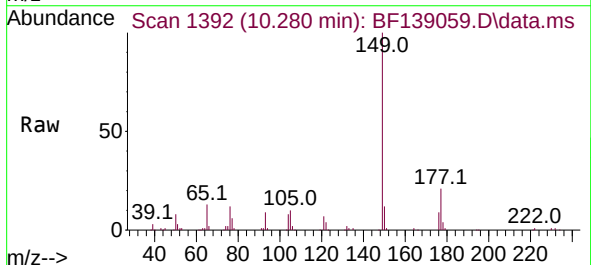
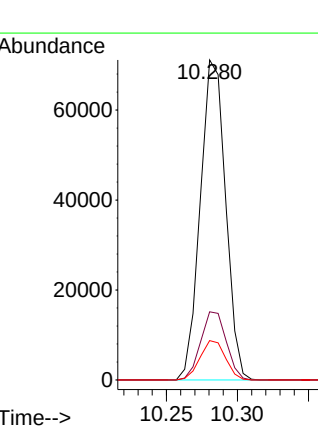
Tgt Ion:149 Resp: 88151

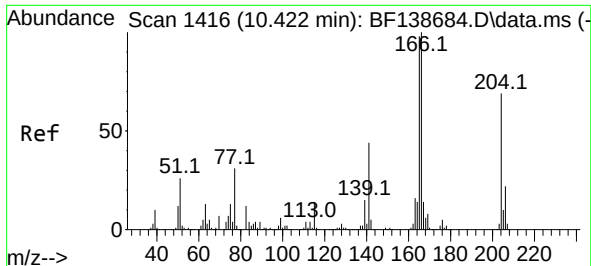
Ion Ratio Lower Upper

149 100

177 21.3 17.8 26.8

150 12.3 10.1 15.1

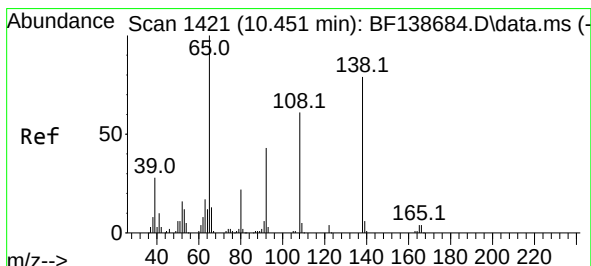
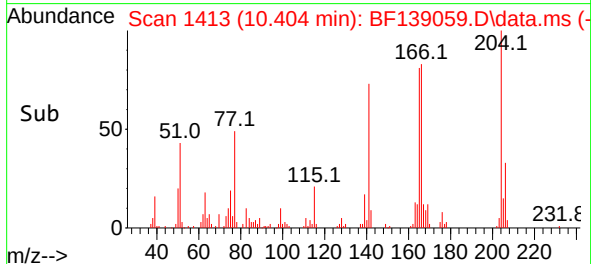
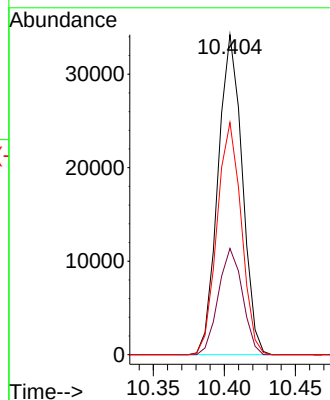
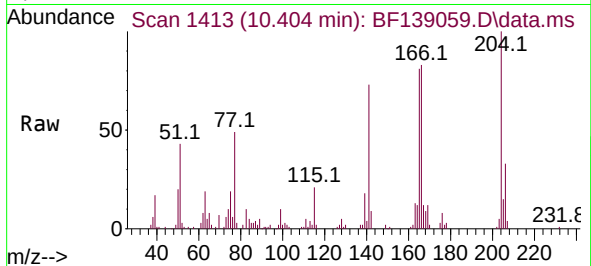




#61
4-Chlorophenyl-phenylether
Concen: 10.032 ng
RT: 10.404 min Scan# 1416
Delta R.T. -0.018 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

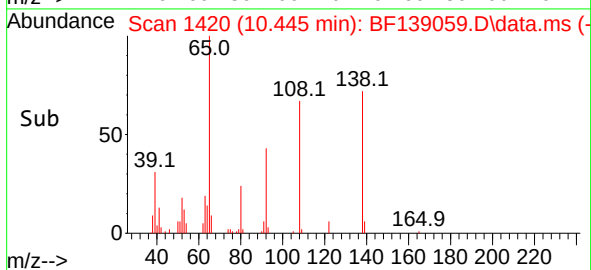
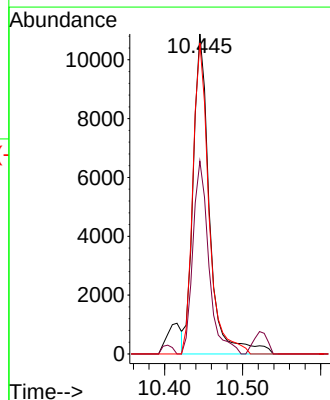
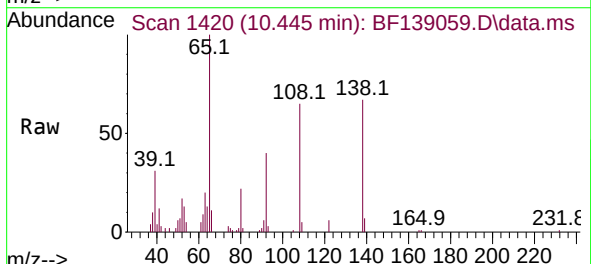
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

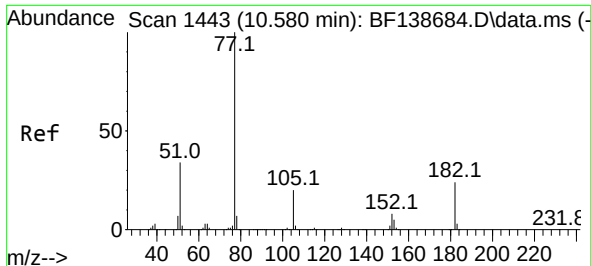
Tgt Ion:204 Resp: 40517
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 72.6 51.4 77.0



#62
4-Nitroaniline
Concen: 8.461 ng m
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: 15778
Ion Ratio Lower Upper
138 100
92 60.2 34.2 74.2
108 97.2 56.2 96.2#

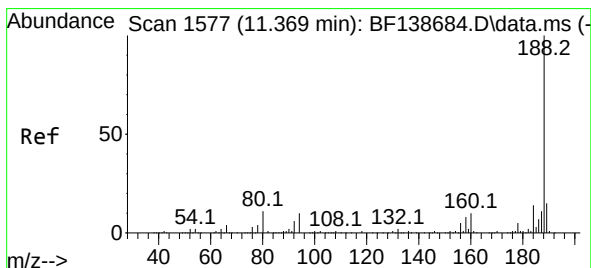
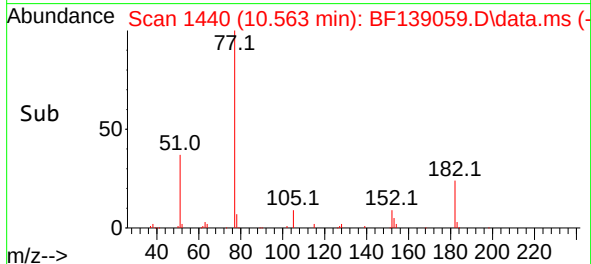
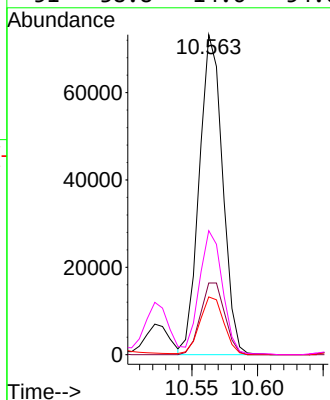
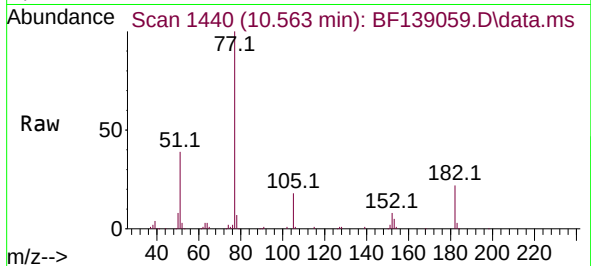




#63
Azobenzene
Concen: 10.280 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

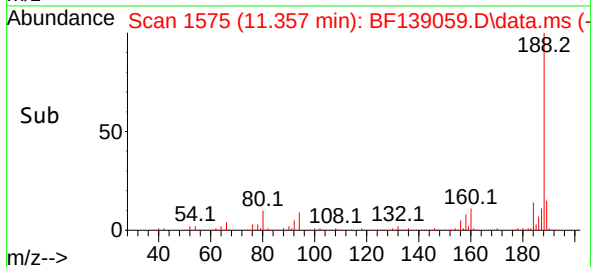
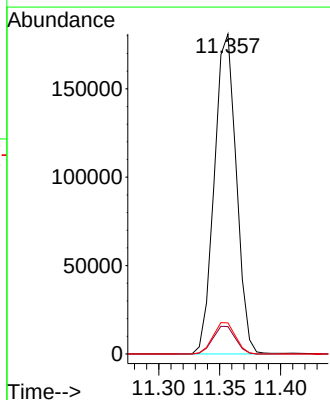
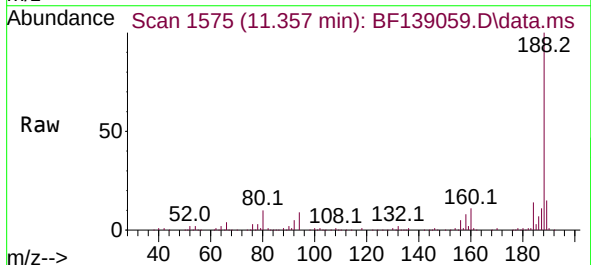
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

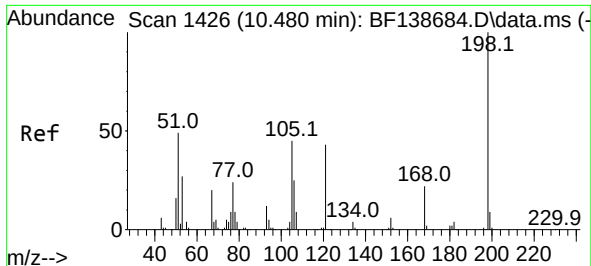
Tgt Ion: 77	Resp: 90923
Ion Ratio	Lower Upper
77 100	
182 22.4	3.4 43.4
105 18.0	0.2 40.2
51 38.8	14.6 54.6



#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

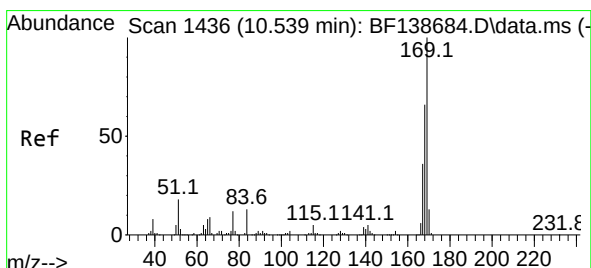
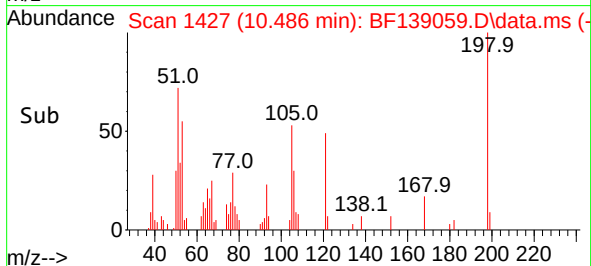
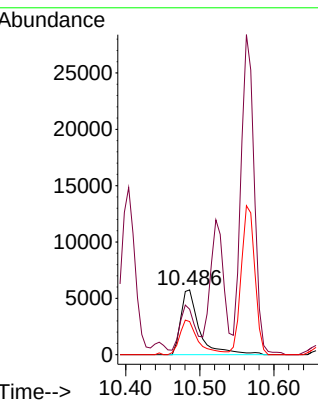
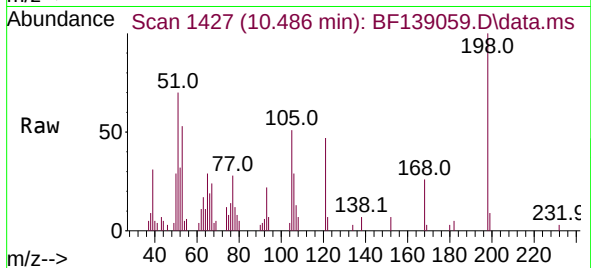
Tgt Ion:198 Resp: 10026

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

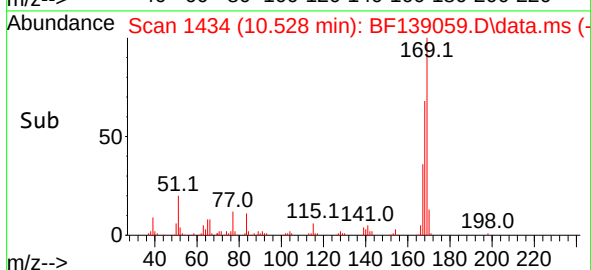
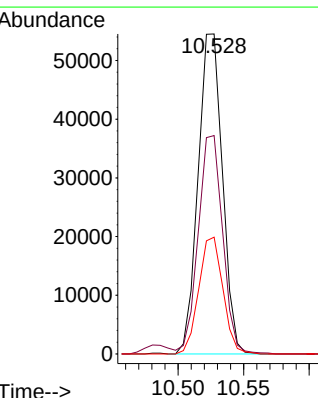
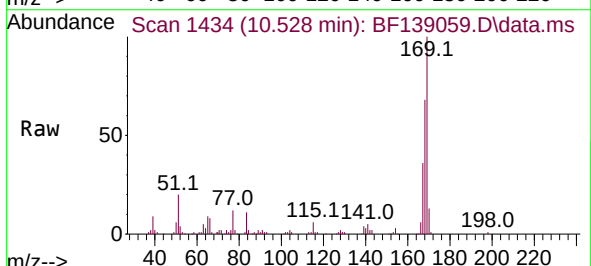
Tgt Ion:169 Resp: 70356

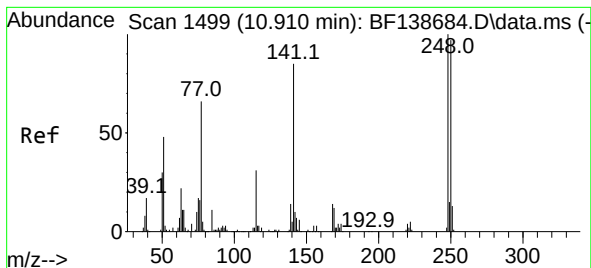
Ion Ratio Lower Upper

169 100

168 68.2 53.0 79.6

167 36.5 29.0 43.6

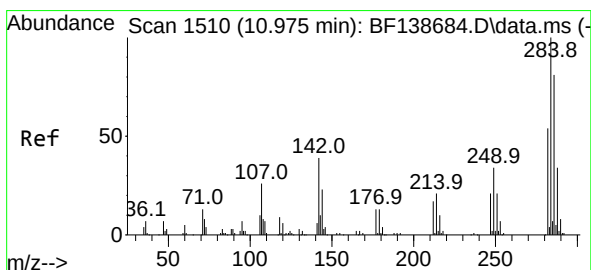
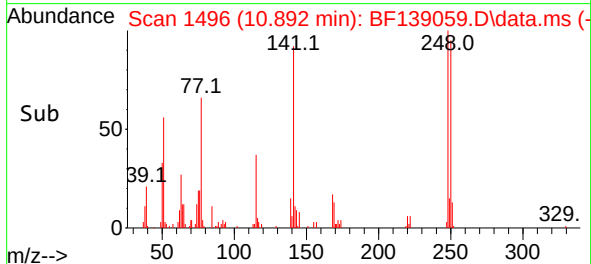
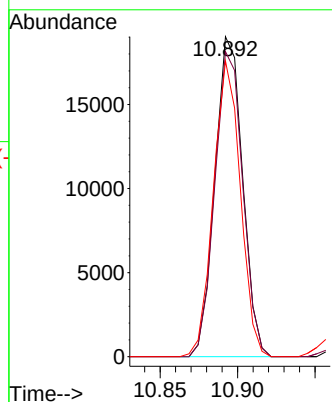
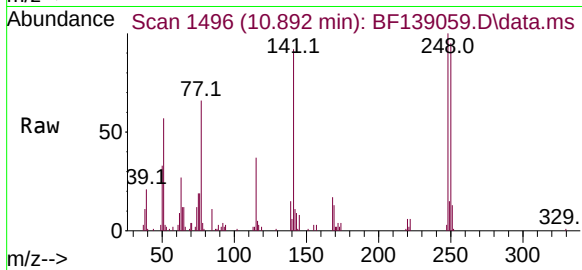




#67
4-Bromophenyl-phenylether
Concen: 9.603 ng
RT: 10.892 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

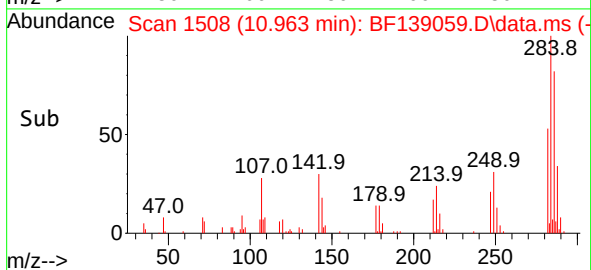
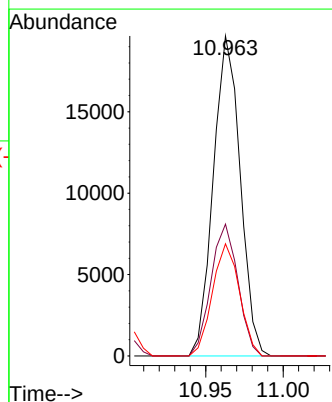
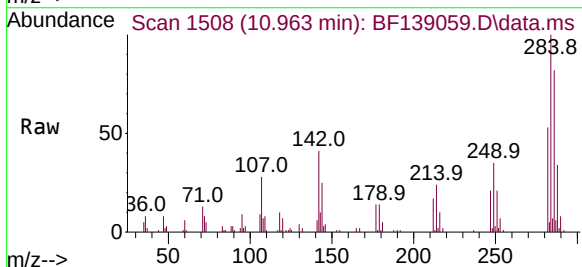
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

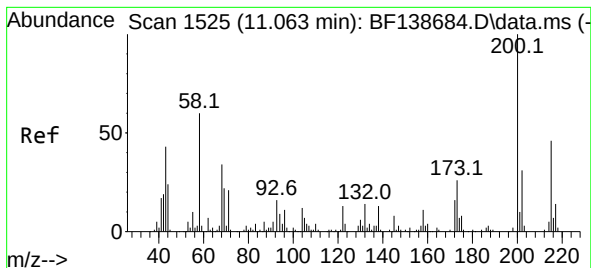
Tgt Ion:248 Resp: 23684
Ion Ratio Lower Upper
248 100
250 95.4 77.7 116.5
141 92.4 68.0 102.0



#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# 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

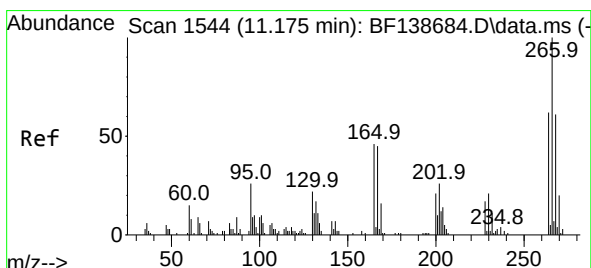
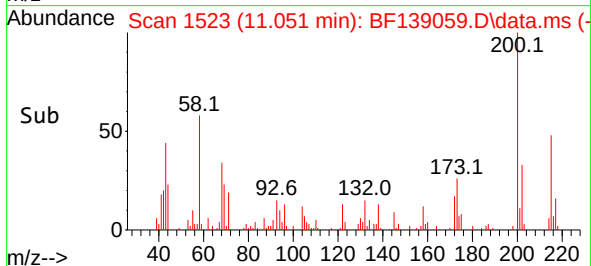
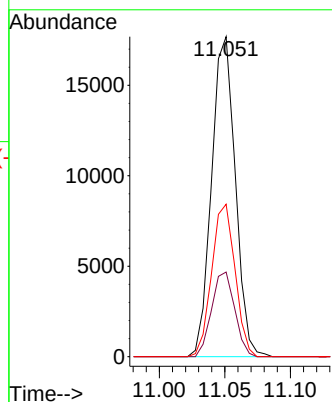
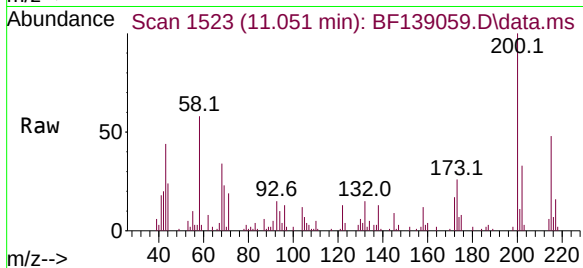
Tgt Ion:200 Resp: 22261

Ion Ratio Lower Upper

200 100

173 26.4 6.0 46.0

215 47.6 26.1 66.1



#70

Pentachlorophenol

Concen: 3.070 ng m

RT: 11.180 min Scan# 1545

Delta R.T. 0.005 min

Lab File: BF139059.D

Acq: 16 Aug 2024 15:59

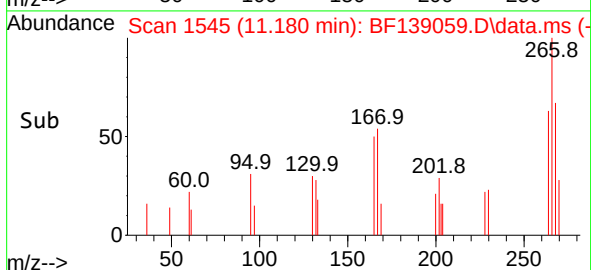
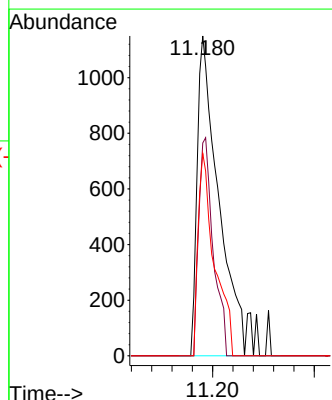
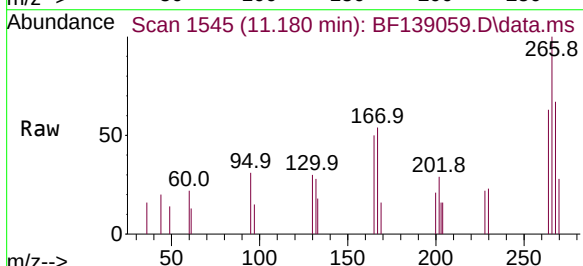
Tgt Ion:266 Resp: 3524

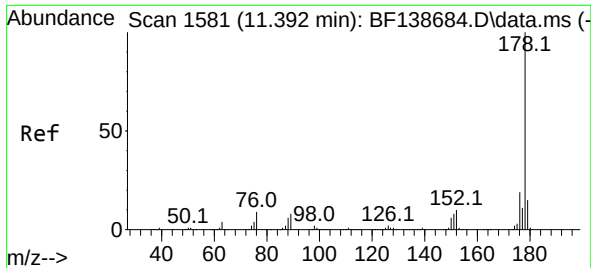
Ion Ratio Lower Upper

266 100

268 66.5 49.2 73.8

264 63.3 49.8 74.6

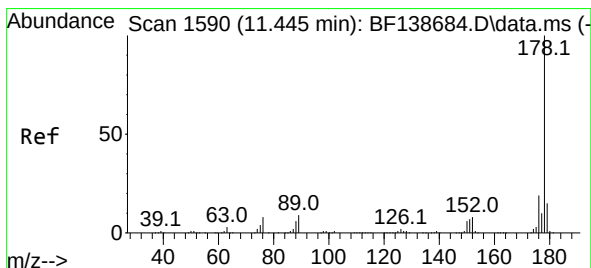
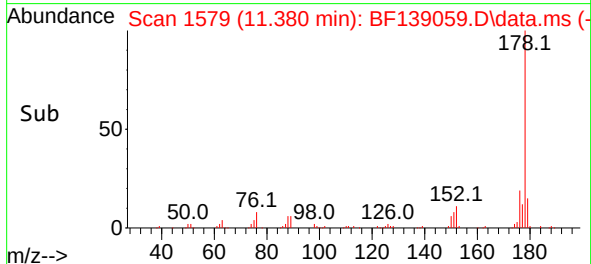
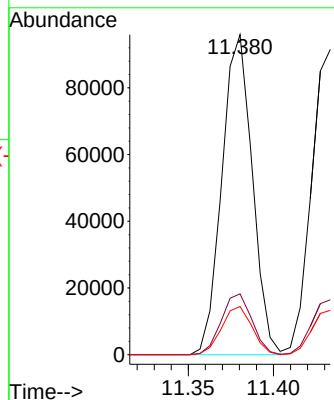
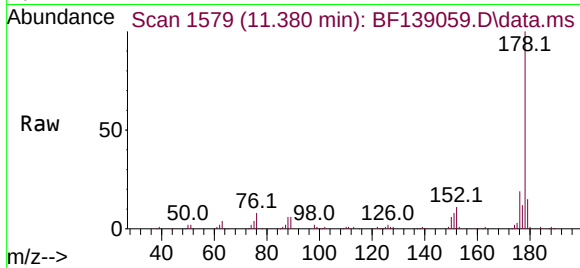




#71
Phenanthrene
Concen: 10.142 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

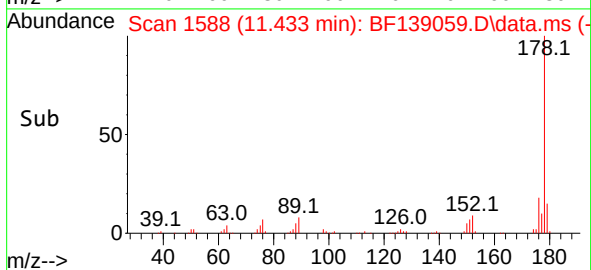
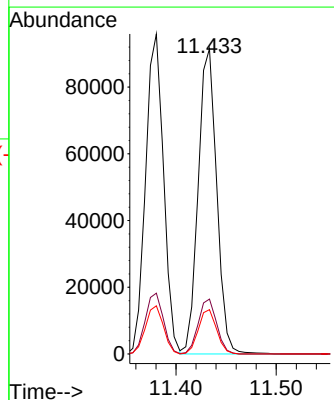
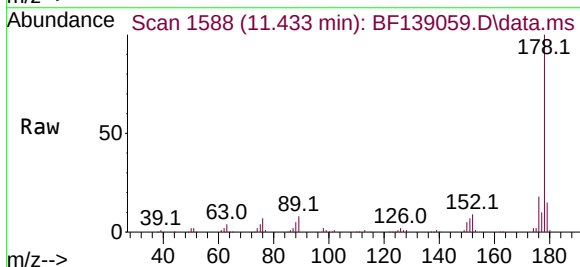
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

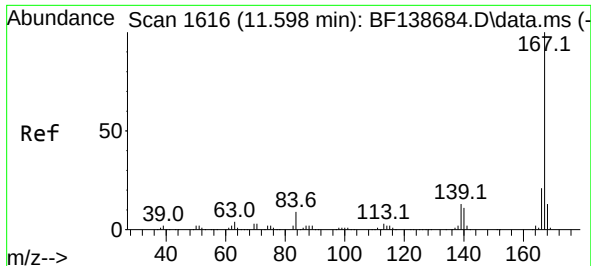
Tgt Ion:178 Resp: 118963
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.1 12.2 18.2



#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

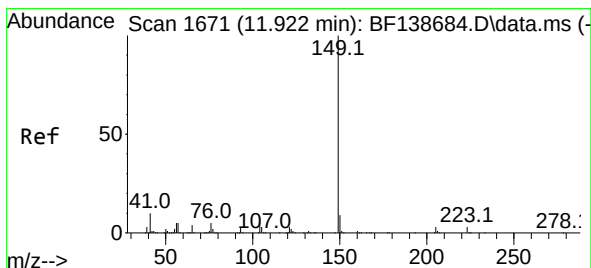
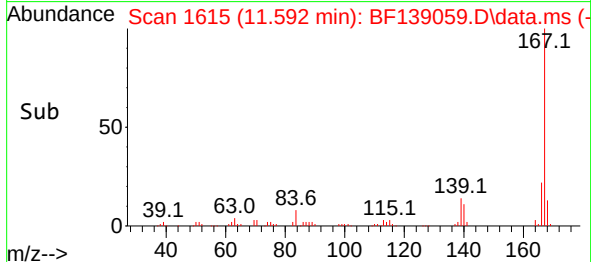
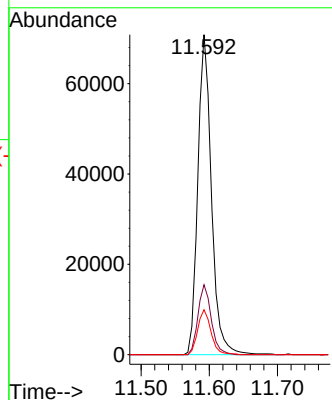
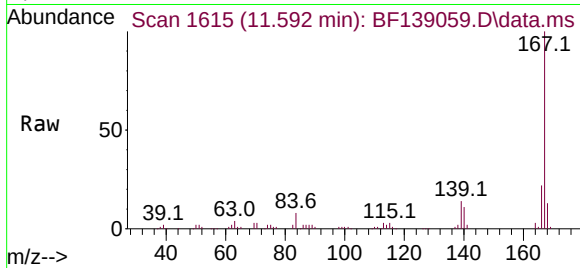




#73
 Carbazole
 Concen: 9.850 ng
 RT: 11.592 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF139059.D
 Acq: 16 Aug 2024 15:59

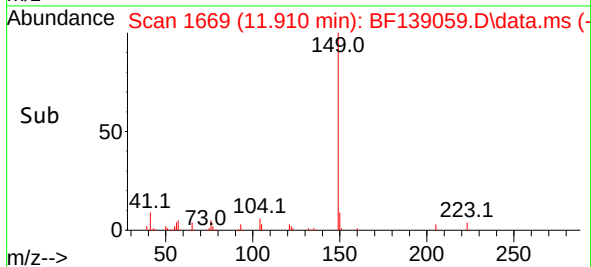
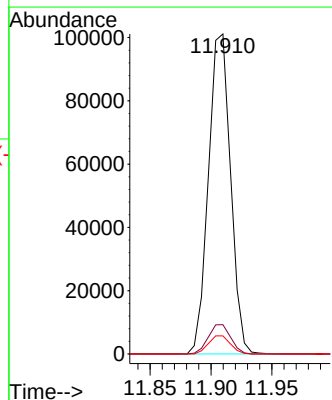
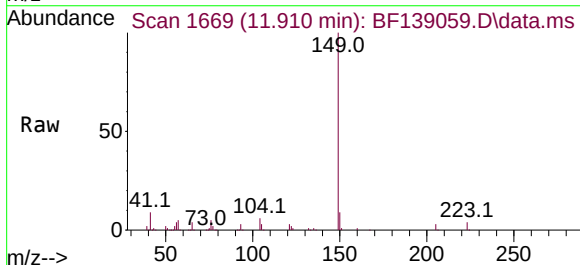
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

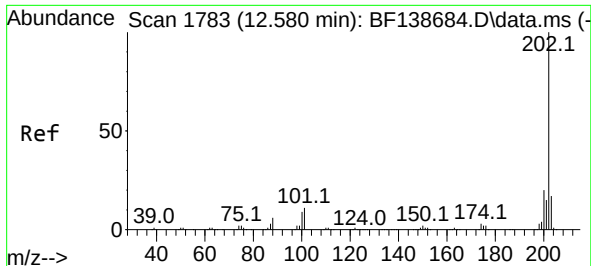
Tgt Ion:167 Resp: 98204
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.0 10.6 16.0



#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

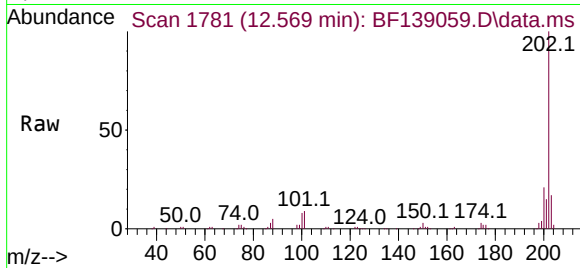
Tgt Ion:149 Resp: 128310
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.7 4.1 6.1



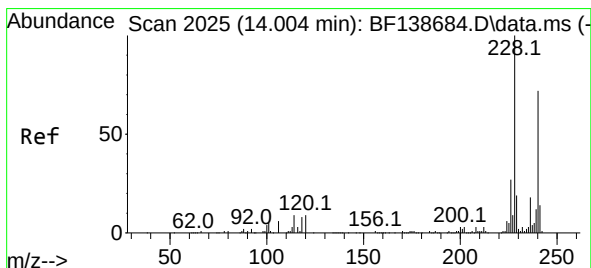
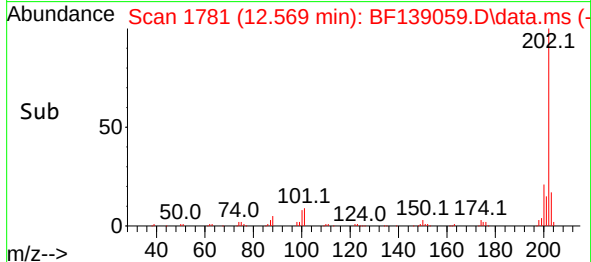
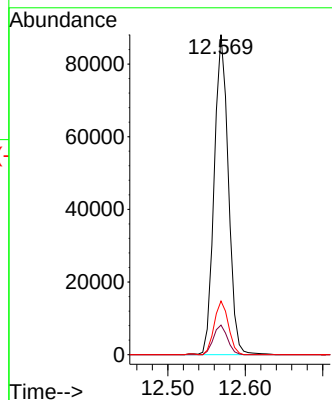


#75
Fluoranthene
Concen: 10.222 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

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

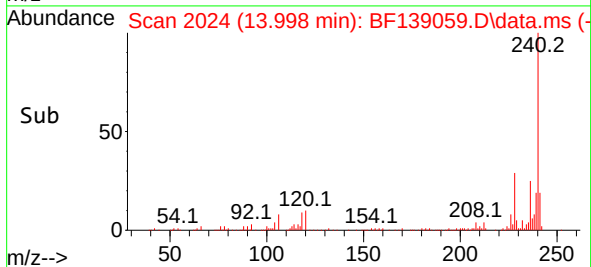
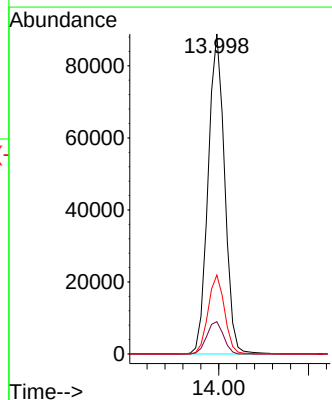
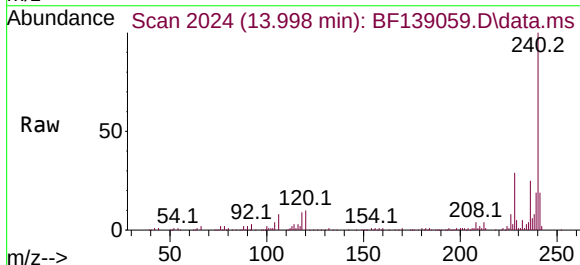


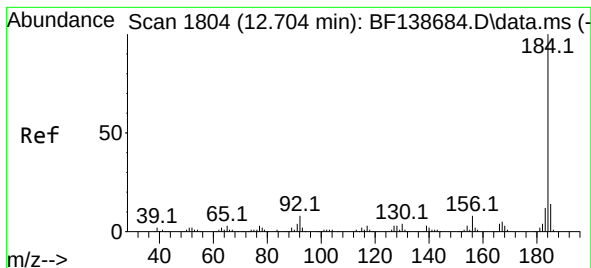
Tgt Ion:202 Resp: 111941
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.2
203 16.7 0.0 37.3



#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

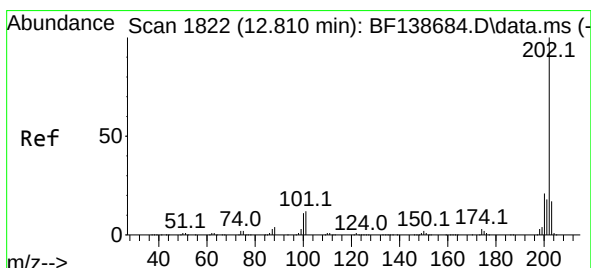
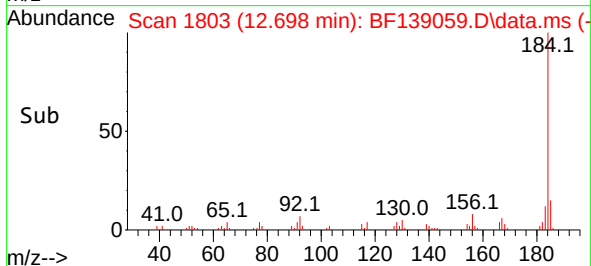
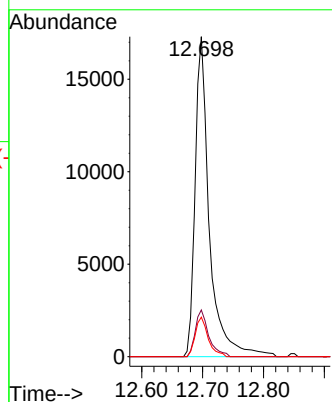
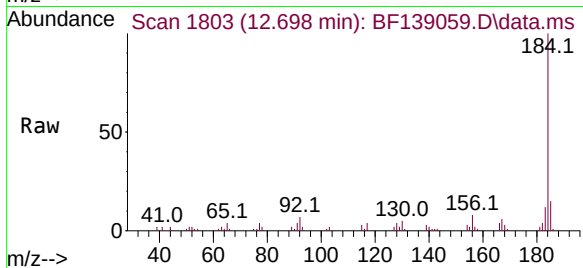
Tgt Ion:184 Resp: 28114

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

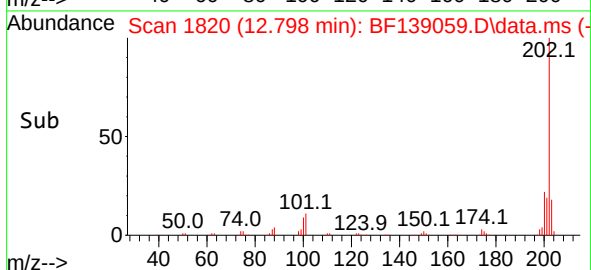
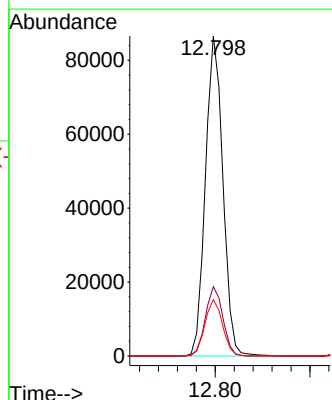
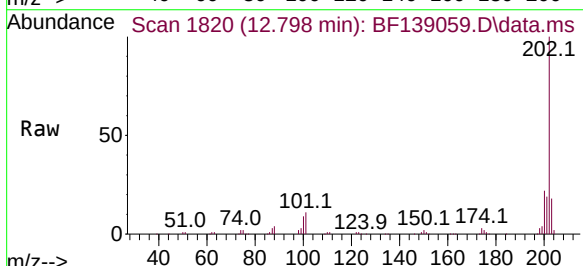
Tgt Ion:202 Resp: 110355

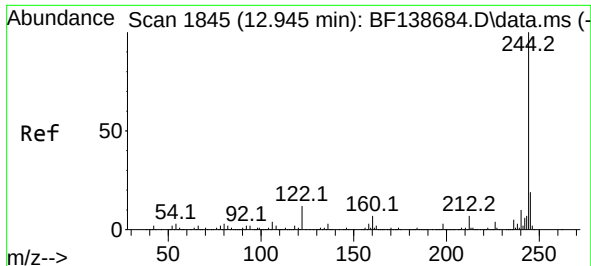
Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

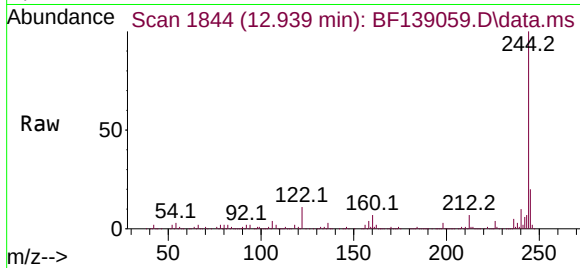
203 17.6 13.8 20.6



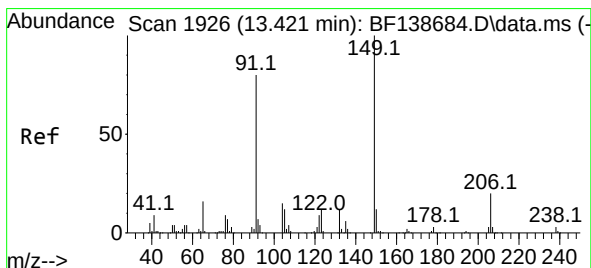
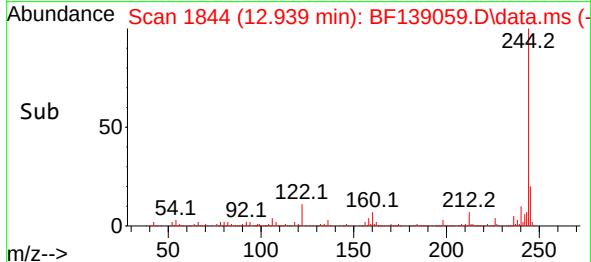
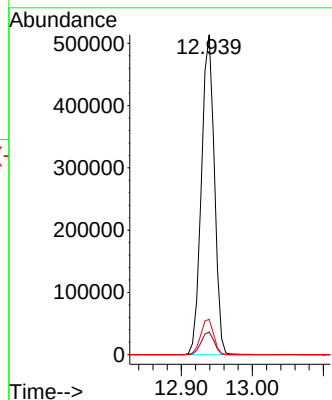


#79
 Terphenyl-d14
 Concen: 96.575 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF139059.D
 Acq: 16 Aug 2024 15:59

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

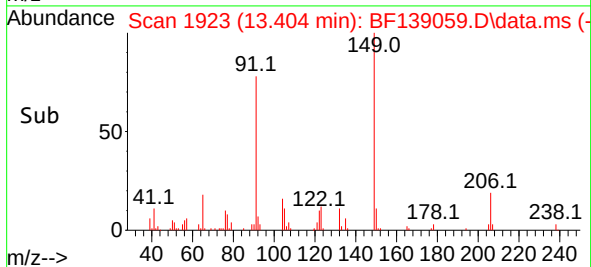
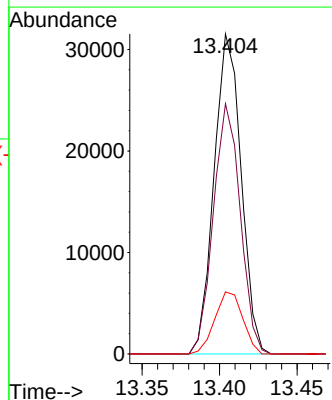
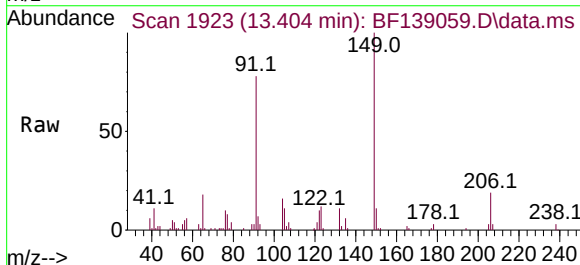


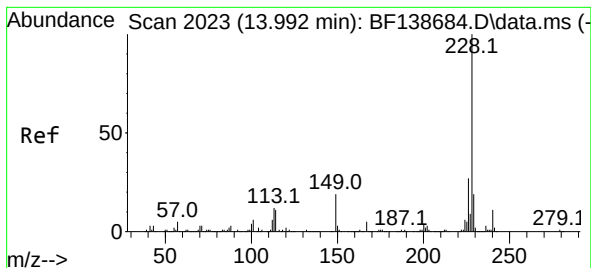
Tgt Ion:244 Resp: 654203
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.0 9.6 14.4



#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

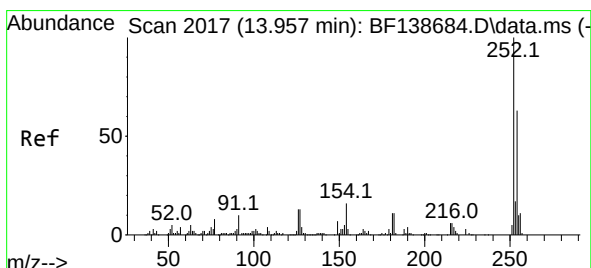
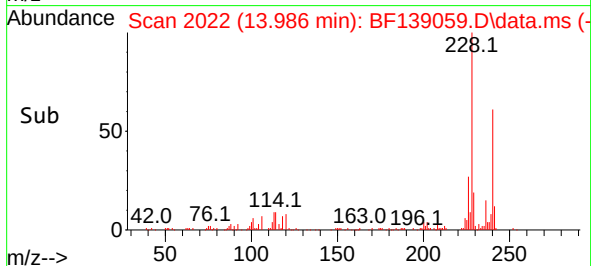
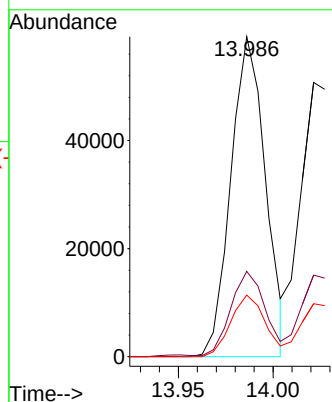
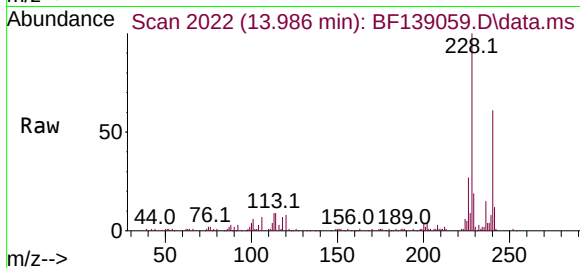
Tgt Ion:228 Resp: 75163

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

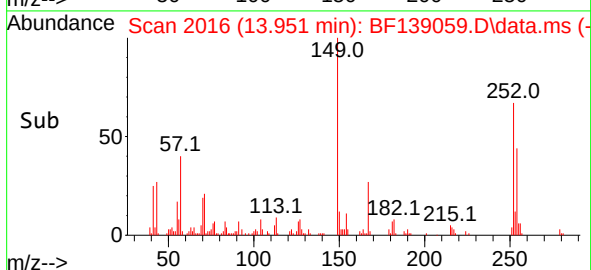
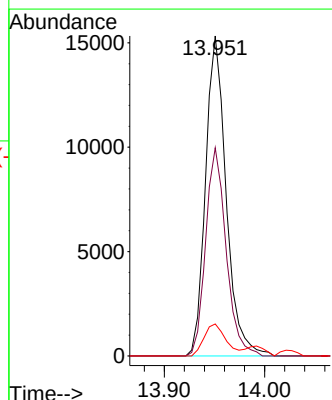
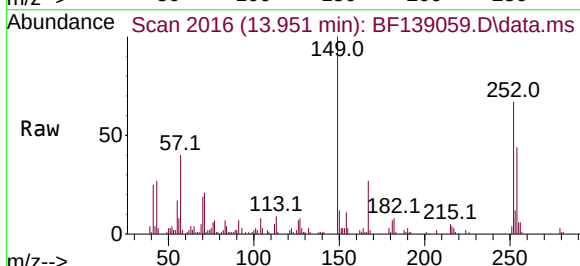
Tgt Ion:252 Resp: 21920

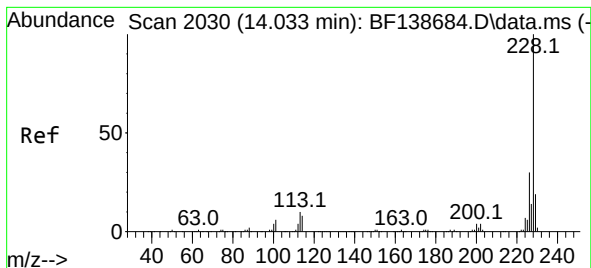
Ion Ratio Lower Upper

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# 20

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

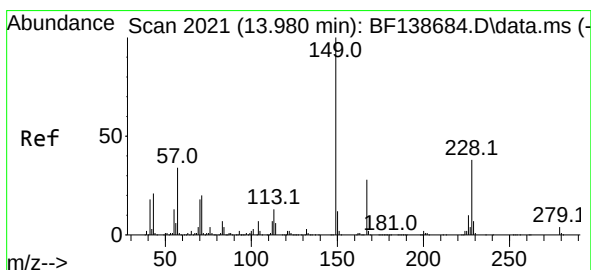
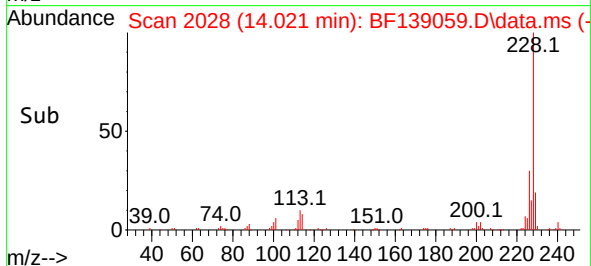
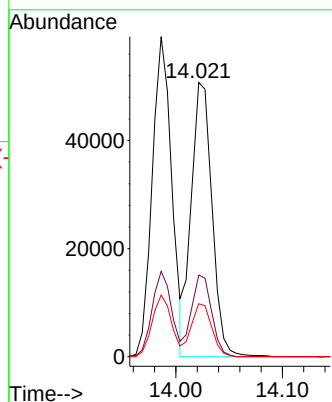
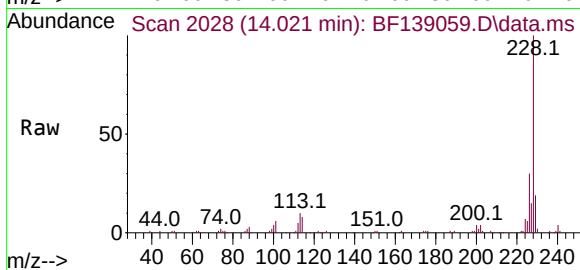
Tgt Ion:228 Resp: 69186

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

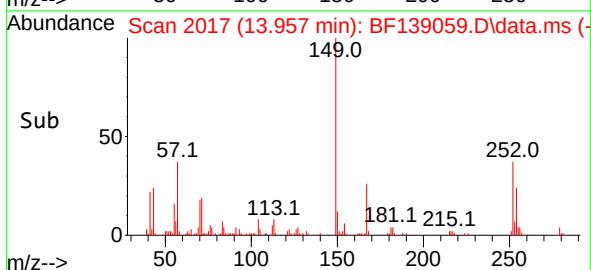
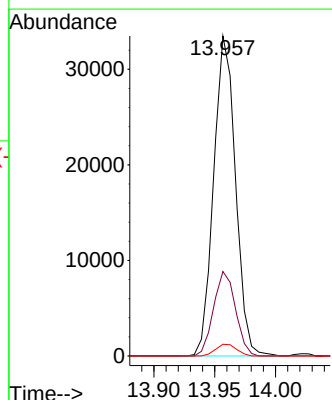
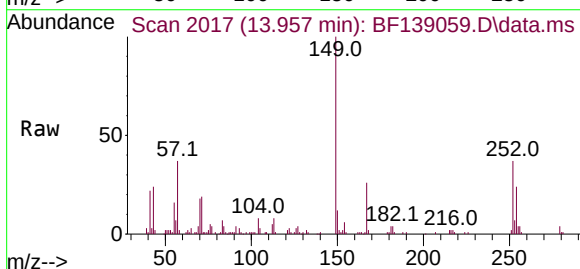
Tgt Ion:149 Resp: 41806

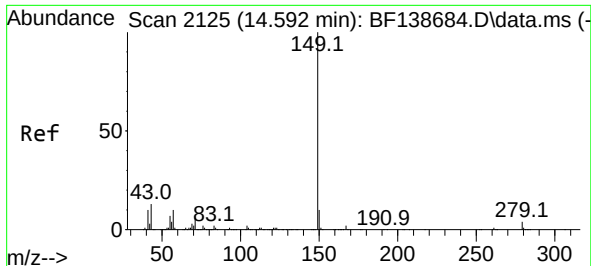
Ion Ratio Lower Upper

149 100

167 26.4 22.2 33.4

279 3.6 3.4 5.0

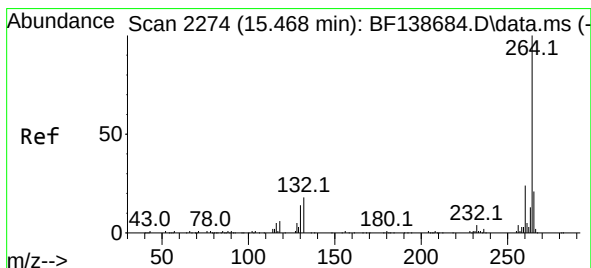
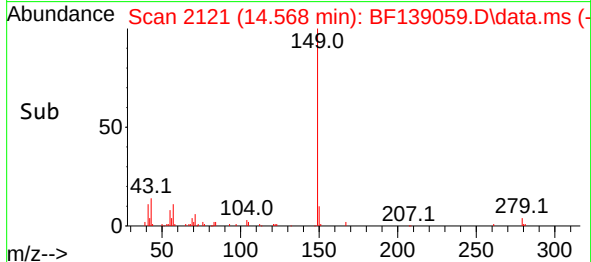
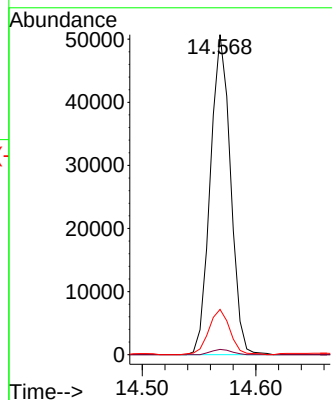
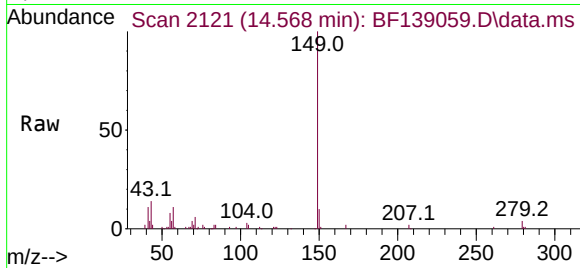




#85
Di-n-octyl phthalate
Concen: 6.764 ng
RT: 14.568 min Scan# 2121
Delta R.T. -0.024 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

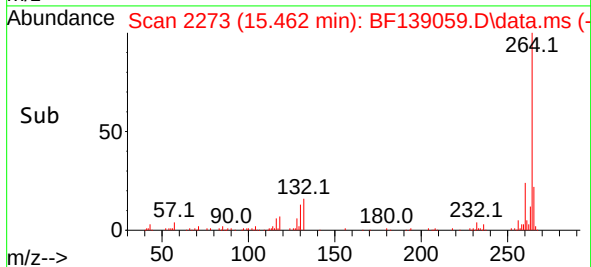
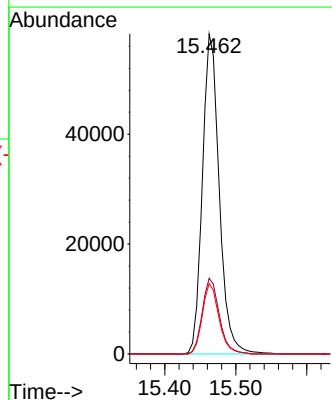
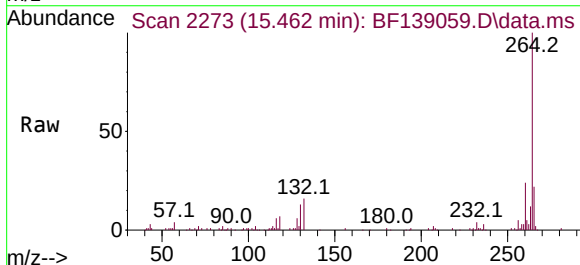
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2024

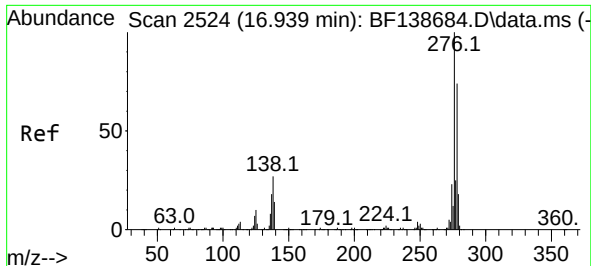
Tgt Ion:149 Resp: 62663
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 14.9 10.4 15.6



#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

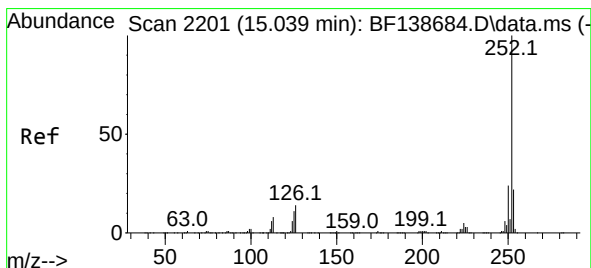
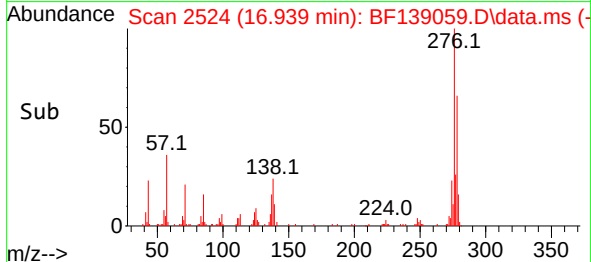
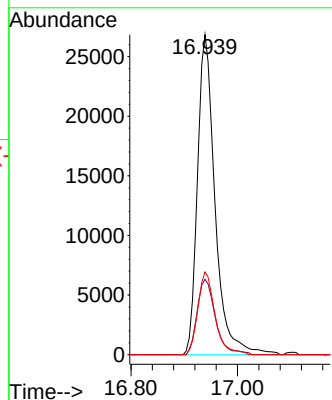
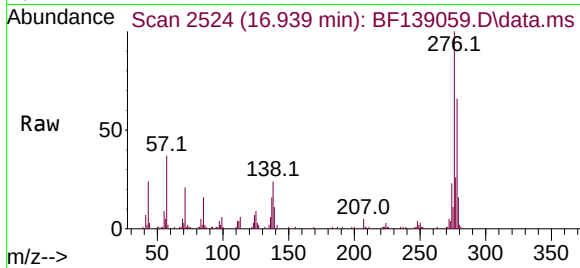




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.931 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

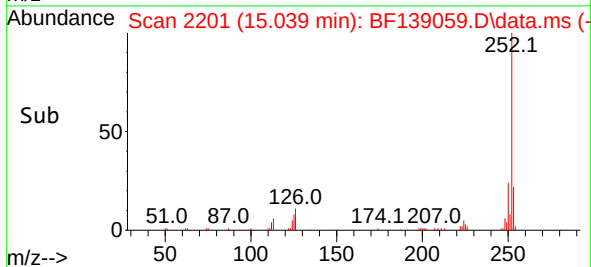
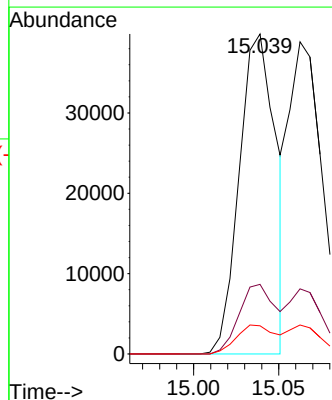
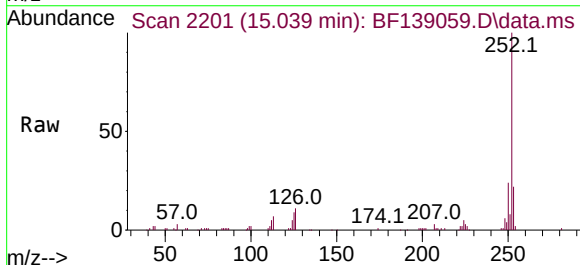
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2024

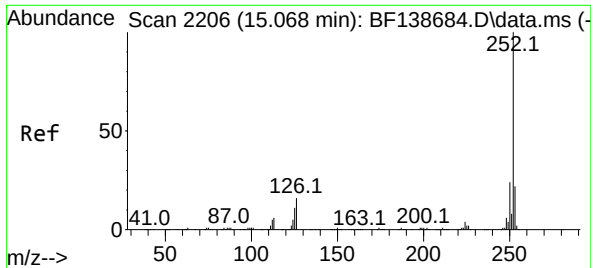
Tgt Ion:	276	Resp:	61475
Ion Ratio	Lower	Upper	
276	100		
138	24.4	21.8	32.8
277	25.3	20.6	30.8



#88
Benzo(b)fluoranthene
Concen: 9.993 ng m
RT: 15.039 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

Tgt Ion:	252	Resp:	59497
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	8.8	8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 10.664 ng

RT: 15.063 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

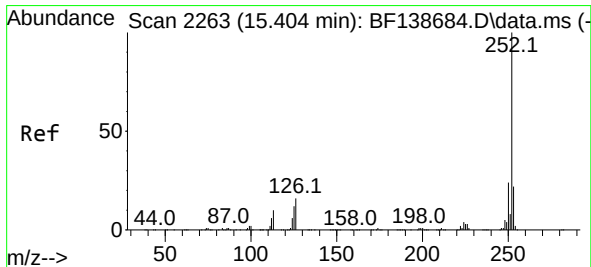
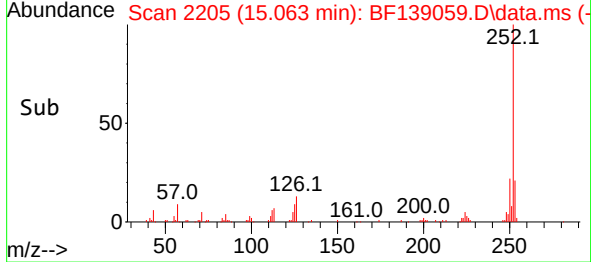
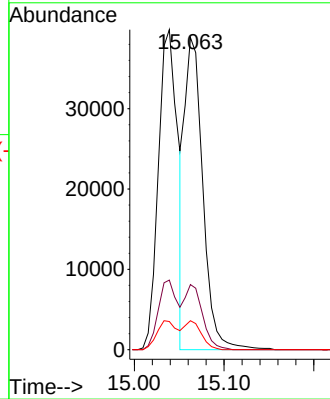
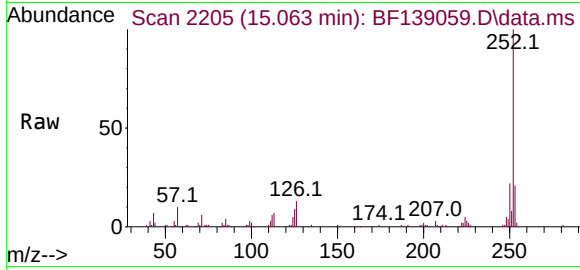
Tgt Ion:252 Resp: 54975

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

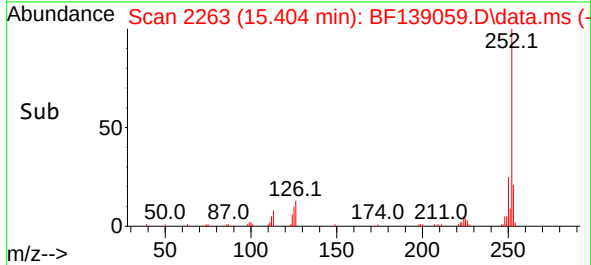
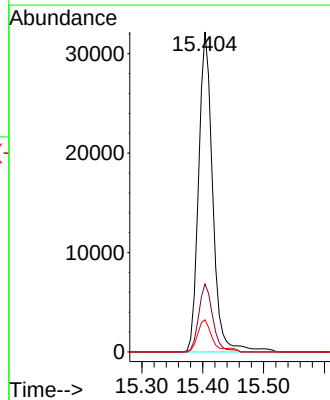
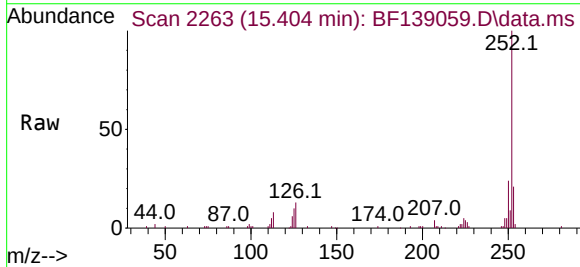
Tgt Ion:252 Resp: 51777

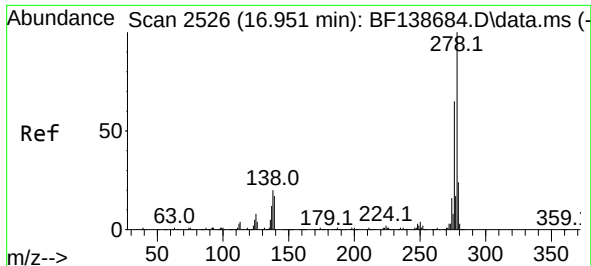
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 10.1 9.5 14.3

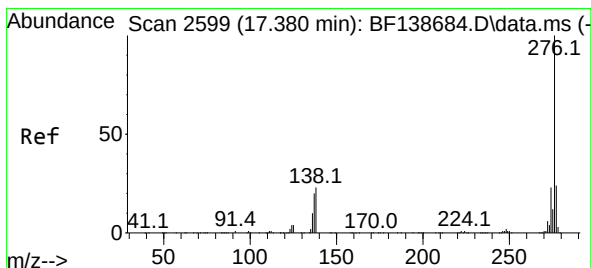
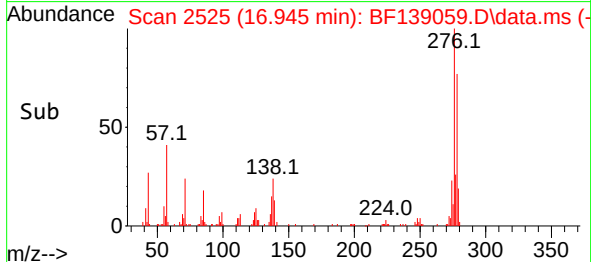
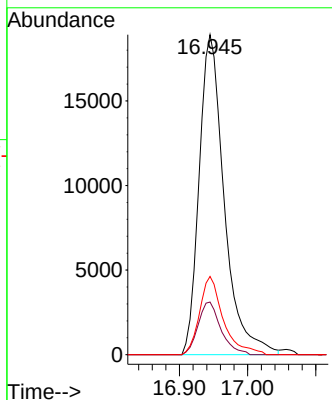
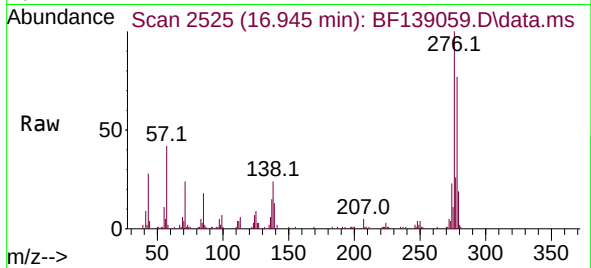




#91
Dibenzo(a,h)anthracene
Concen: 8.579 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139059.D
Acq: 16 Aug 2024 15:59

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#

