

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143108.D
 Acq On : 16 Jul 2025 12:07
 Operator : RC/JU
 Sample : Q2126-08
 Misc : LOQ-WATER-5 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: Jul 16 12:28:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	141335	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	536916	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	272300	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	444663	20.000	ng	0.00
76) Chrysene-d12	14.127	240	235543	20.000	ng	0.00
86) Perylene-d12	15.633	264	227368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	939996	105.079	ng	0.00
7) Phenol-d6	6.587	99	1206482	107.294	ng	0.00
23) Nitrobenzene-d5	7.522	82	755341	78.920	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	297839	122.670	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1388592	67.787	ng	0.00
79) Terphenyl-d14	13.074	244	1208673	75.012	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	18349	4.121	ng	100
3) Pyridine	3.622	79	44147	3.915	ng	99
4) n-Nitrosodimethylamine	3.510	42	22868	3.914	ng	# 96
6) Aniline	6.628	93	68173	4.305	ng	98
8) 2-Chlorophenol	6.751	128	40446	4.500	ng	# 76
9) Benzaldehyde	6.516	77	36212	4.226	ng	99
10) Phenol	6.598	94	56956	4.679	ng	# 68
11) bis(2-Chloroethyl)ether	6.698	93	41636	4.418	ng	98
12) 1,3-Dichlorobenzene	6.910	146	45360	4.467	ng	99
13) 1,4-Dichlorobenzene	6.987	146	45568	4.461	ng	99
14) 1,2-Dichlorobenzene	7.139	146	42740	4.387	ng	99
15) Benzyl Alcohol	7.092	79	34123	4.095	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.239	45	76054	4.378	ng	100
17) 2-Methylphenol	7.198	107	32558	4.198	ng	95
18) Hexachloroethane	7.486	117	14626	4.398	ng	99
19) n-Nitroso-di-n-propyla...	7.363	70	30839	4.477	ng	95
20) 3+4-Methylphenols	7.351	107	43374	4.560	ng	# 85
22) Acetophenone	7.363	105	60332	4.661	ng	95
24) Nitrobenzene	7.539	77	45597	4.935	ng	99
25) Isophorone	7.775	82	79829	4.315	ng	99
26) 2-Nitrophenol	7.857	139	11850	6.877	ng	95
27) 2,4-Dimethylphenol	7.886	122	38952	4.537	ng	98
28) bis(2-Chloroethoxy)met...	7.986	93	50369	4.490	ng	97
29) 2,4-Dichlorophenol	8.092	162	30459	4.336	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	35933	4.507	ng	99
31) Naphthalene	8.269	128	123701	4.640	ng	99
32) Benzoic acid	7.922	122	6757	7.886	ng	95
33) 4-Chloroaniline	8.310	127	46601	4.346	ng	98
34) Hexachlorobutadiene	8.392	225	21218	4.450	ng	98
35) Caprolactam	8.628	113	8106	3.696	ng	94
36) 4-Chloro-3-methylphenol	8.775	107	33020	4.220	ng	98
37) 2-Methylnaphthalene	8.957	142	72600	4.564	ng	98
38) 1-Methylnaphthalene	9.057	142	77200	4.680	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	36664	4.620	ng	98
41) Hexachlorocyclopentadiene	9.122	237	15189	3.452	ng	95
43) 2,4,6-Trichlorophenol	9.228	196	19829	4.022	ng	97

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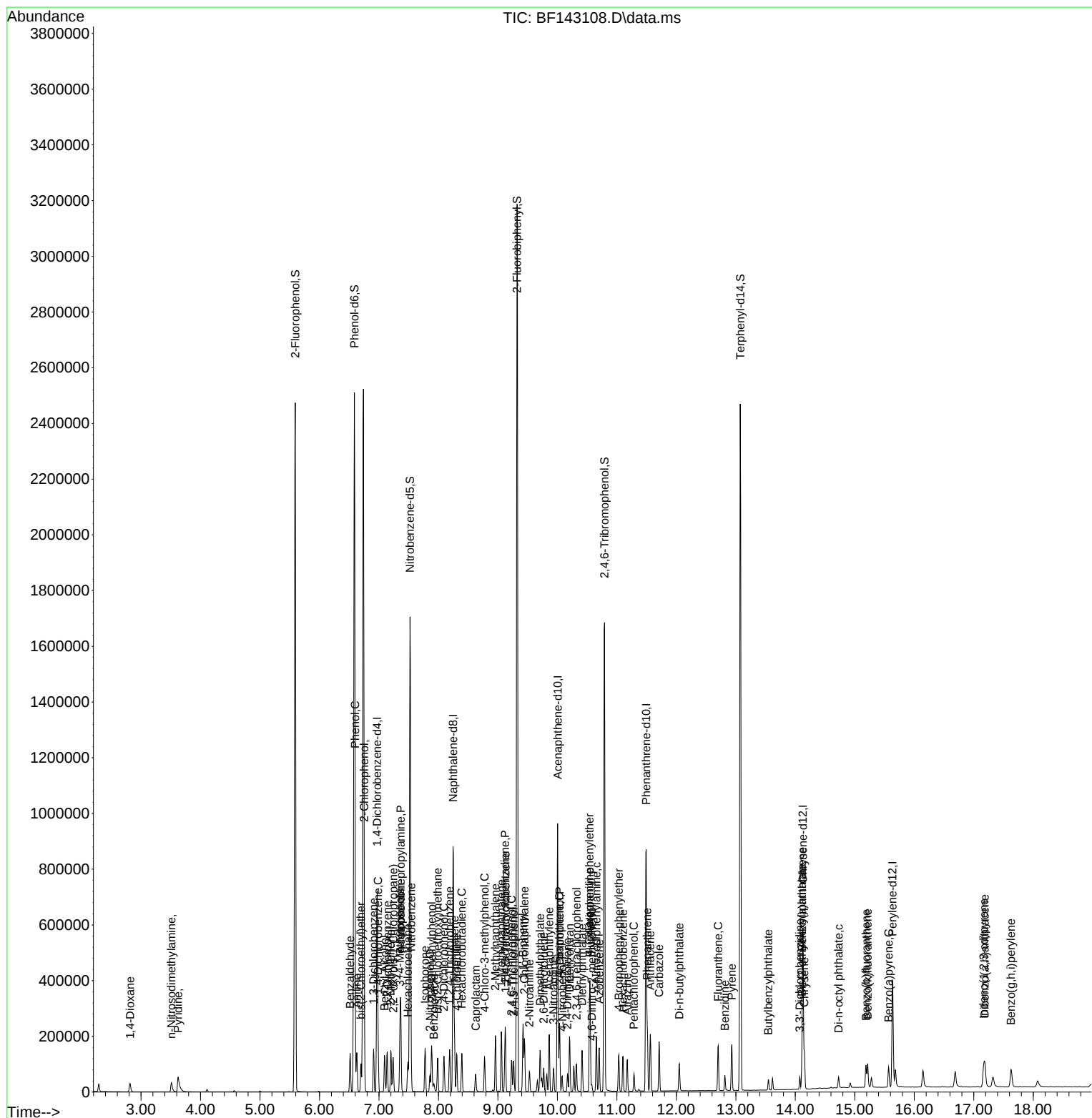
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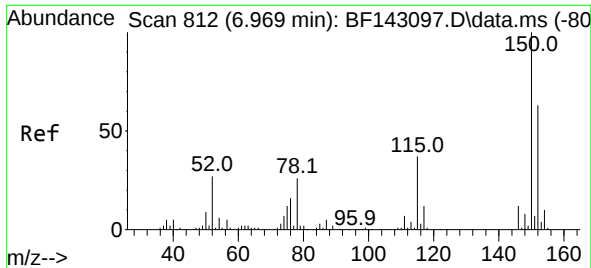
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	21550	4.168	ng	97
46) 1,1'-Biphenyl	9.422	154	99699	4.591	ng	99
47) 2-Chloronaphthalene	9.445	162	71802	4.501	ng	99
48) 2-Nitroaniline	9.528	65	14751	6.068	ng	95
49) Acenaphthylene	9.863	152	118162	4.445	ng	99
50) Dimethylphthalate	9.710	163	77182	4.505	ng	99
51) 2,6-Dinitrotoluene	9.769	165	11837	6.089	ng	96
52) Acenaphthene	10.033	154	70980	4.525	ng	99
53) 3-Nitroaniline	9.933	138	14209	3.839	ng #	93
54) 2,4-Dinitrophenol	10.039	184	2488	7.449	ng #	1
55) Dibenzofuran	10.204	168	108220	4.628	ng	97
56) 4-Nitrophenol	10.080	139	9759	3.317	ng	97
57) 2,4-Dinitrotoluene	10.169	165	12579	6.164	ng	96
58) Fluorene	10.551	166	82319	4.696	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	17445	4.246	ng	98
60) Diethylphthalate	10.416	149	71822	4.346	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	38270	4.555	ng	96
62) 4-Nitroaniline	10.545	138	12756	3.963	ng	96
63) Azobenzene	10.704	77	79730	4.362	ng	99
65) 4,6-Dinitro-2-methylph...	10.580	198	3515	7.688	ng	100
66) n-Nitrosodiphenylamine	10.657	169	68367	4.377	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	21389	4.230	ng	96
68) Hexachlorobenzene	11.104	284	23075	4.301	ng	98
69) Atrazine	11.174	200	15480	3.874	ng	100
70) Pentachlorophenol	11.286	266	9818	3.335	ng	98
71) Phenanthrene	11.510	178	109851	4.578	ng	100
72) Anthracene	11.563	178	106216	4.401	ng	99
73) Carbazole	11.710	167	95358	4.411	ng	99
74) Di-n-butylphthalate	12.051	149	73329	3.695	ng	99
75) Fluoranthene	12.704	202	92470	4.238	ng	99
77) Benzidine	12.816	184	29505	3.677	ng	97
78) Pyrene	12.933	202	97548	4.464	ng	99
80) Butylbenzylphthalate	13.545	149	11270	5.796	ng	92
81) Benzo(a)anthracene	14.115	228	63108	4.021	ng	98
82) 3,3'-Dichlorobenzidine	14.074	252	13267	2.911	ng #	98
83) Chrysene	14.151	228	63069	4.363	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	17064	5.805	ng	99
85) Di-n-octyl phthalate	14.727	149	24663	8.385	ng #	93
87) Indeno(1,2,3-cd)pyrene	17.168	276	68340	4.041	ng	99
88) Benzo(b)fluoranthene	15.186	252	51884	3.956	ng	100
89) Benzo(k)fluoranthene	15.215	252	47857	3.825	ng	98
90) Benzo(a)pyrene	15.568	252	45828	3.695	ng	98
91) Dibenzo(a,h)anthracene	17.186	278	56845	4.112	ng	97
92) Benzo(g,h,i)perylene	17.627	276	57030	4.046	ng	96

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

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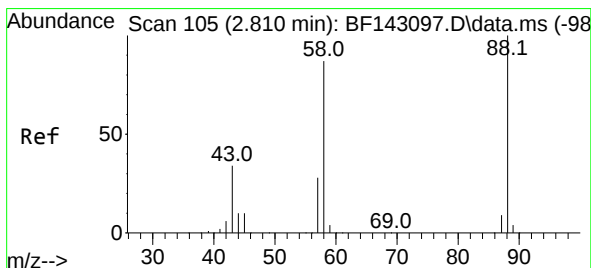
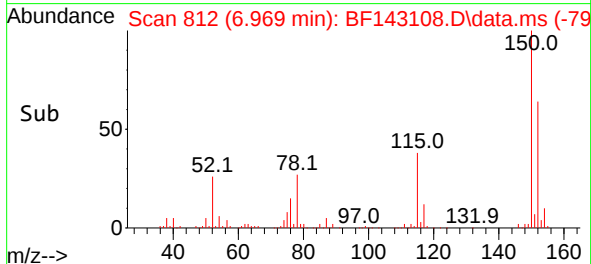
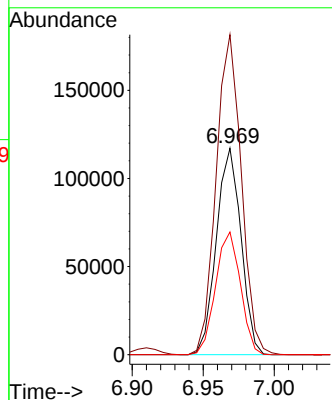
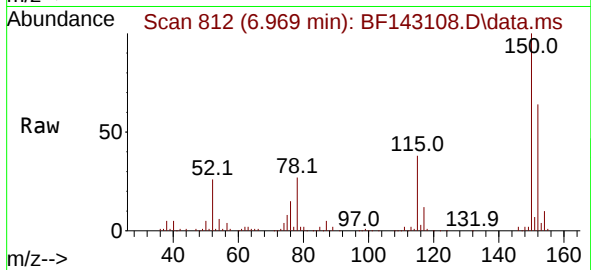




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143108.D
 Acq: 16 Jul 2025 12:07

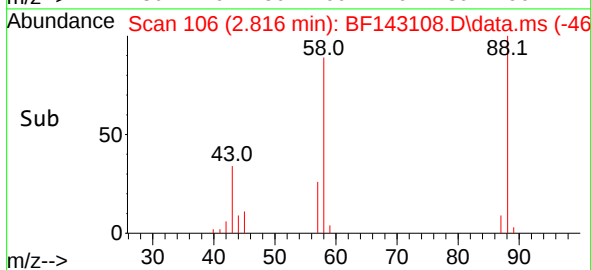
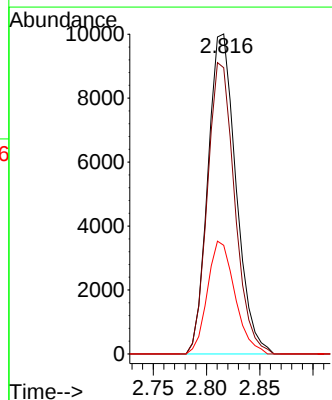
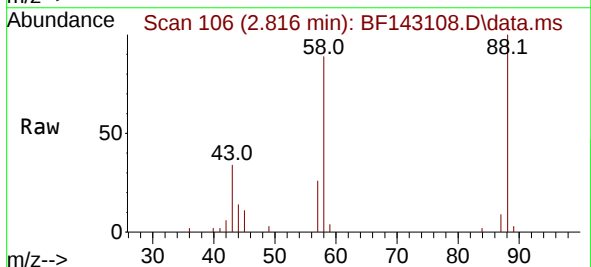
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

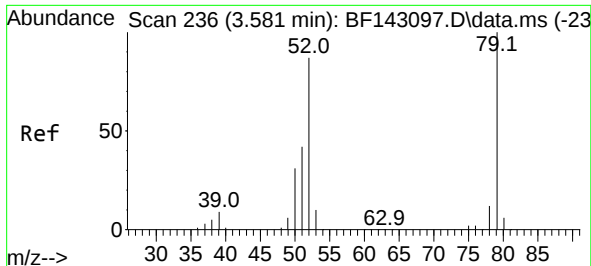
Tgt Ion:152 Resp: 141335
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.5 189.7
 115 59.5 47.0 70.6



#2
 1,4-Dioxane
 Concen: 4.121 ng
 RT: 2.816 min Scan# 106
 Delta R.T. 0.006 min
 Lab File: BF143108.D
 Acq: 16 Jul 2025 12:07

Tgt Ion: 88 Resp: 18349
 Ion Ratio Lower Upper
 88 100
 58 88.1 70.5 105.7
 43 34.5 27.3 40.9





#3

Pyridine

Concen: 3.915 ng

RT: 3.622 min Scan# 24

Delta R.T. 0.041 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

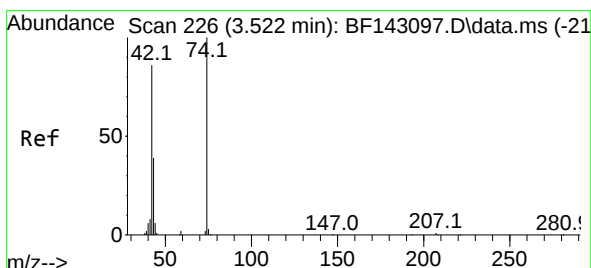
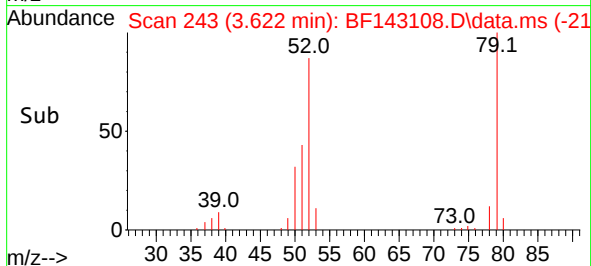
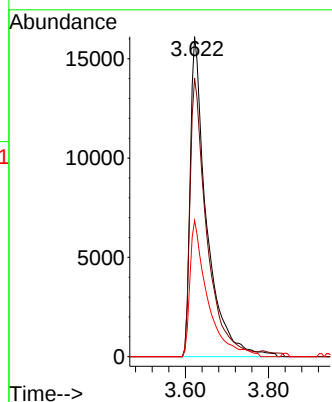
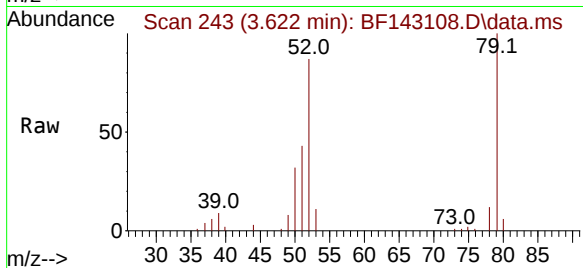
Tgt Ion: 79 Resp: 44147

Ion Ratio Lower Upper

79 100

52 87.1 69.2 103.8

51 42.5 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 3.914 ng

RT: 3.510 min Scan# 224

Delta R.T. -0.012 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

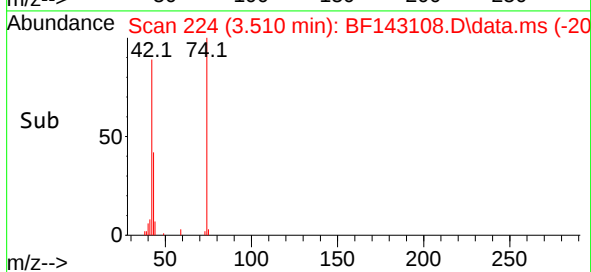
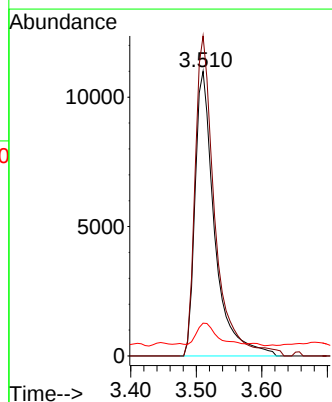
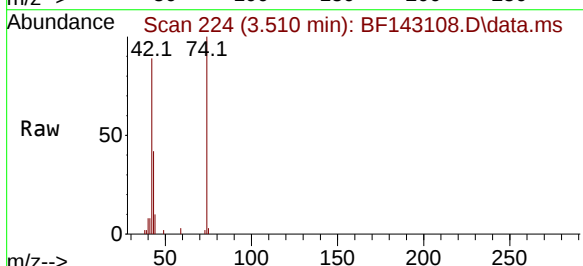
Tgt Ion: 42 Resp: 22868

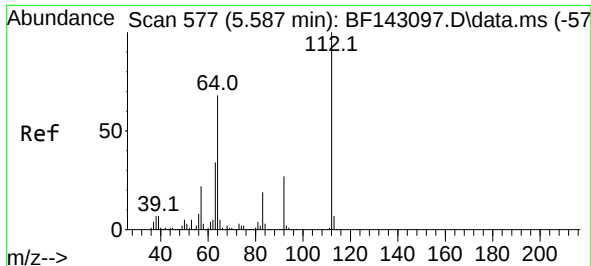
Ion Ratio Lower Upper

42 100

74 112.4 92.8 139.2

44 11.5 5.8 8.6#

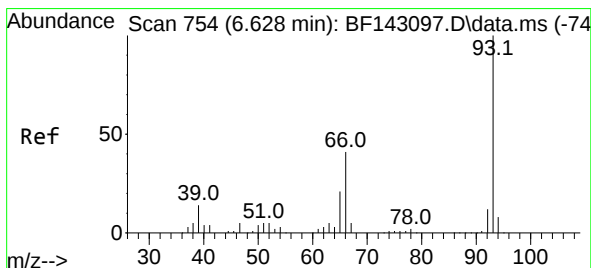
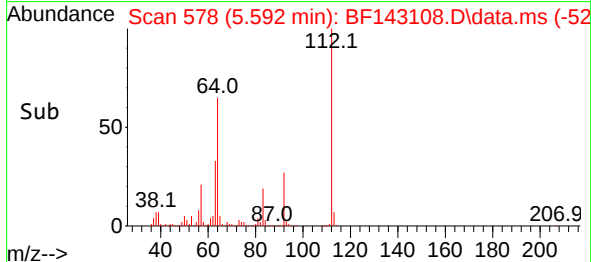
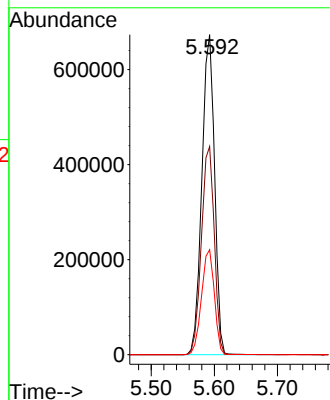
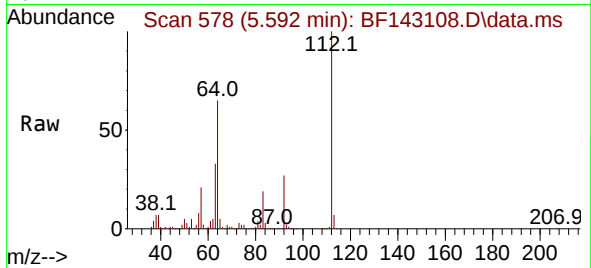




#5
2-Fluorophenol
Concen: 105.079 ng
RT: 5.592 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

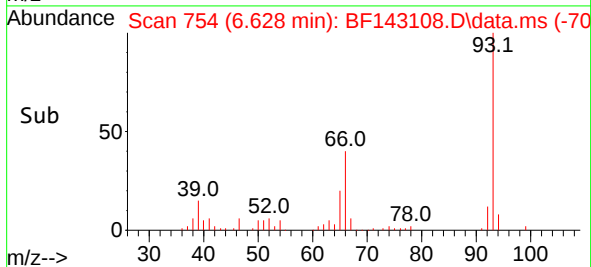
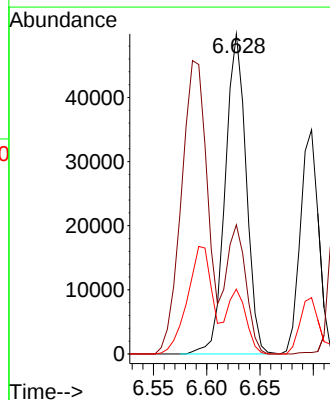
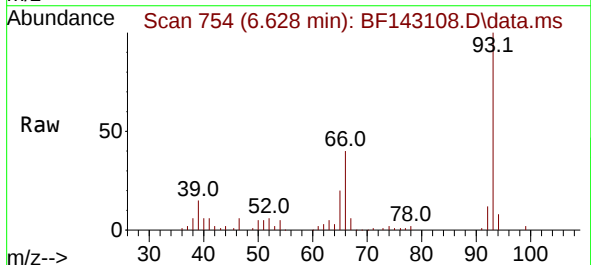
Instrument :
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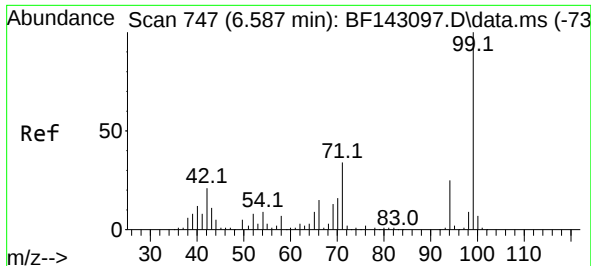
Tgt Ion:112 Resp: 939996
Ion Ratio Lower Upper
112 100
64 65.1 54.6 82.0
63 32.8 27.3 40.9



#6
Aniline
Concen: 4.305 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion: 93 Resp: 68173
Ion Ratio Lower Upper
93 100
66 40.4 33.1 49.7
65 20.2 16.9 25.3



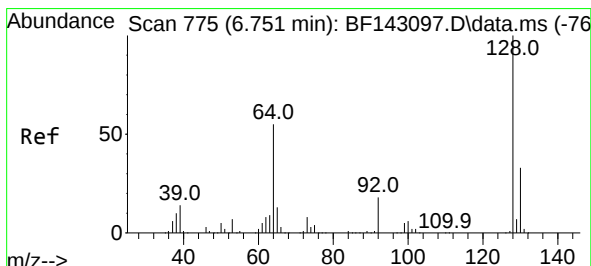
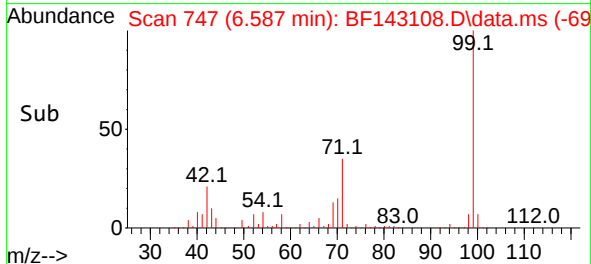
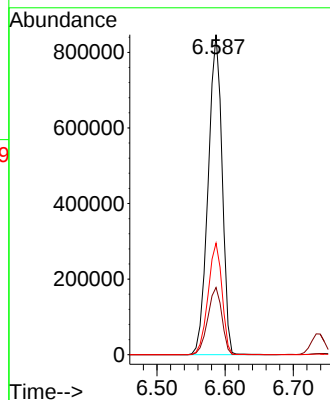
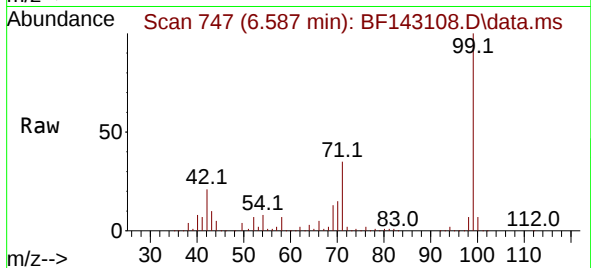


#7
Phenol-d6
Concen: 107.294 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 99 Resp: 1206482

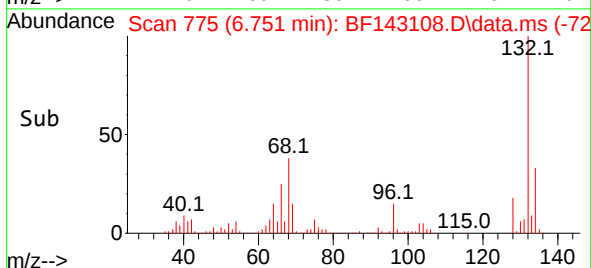
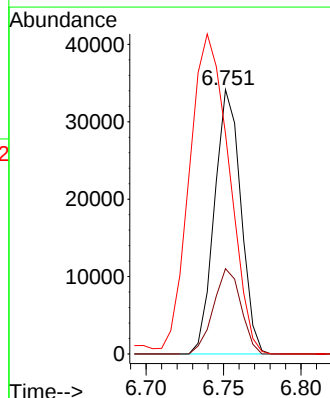
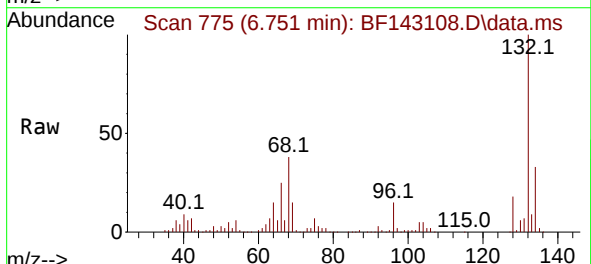
Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.2	25.8
71	34.9	27.4	41.0

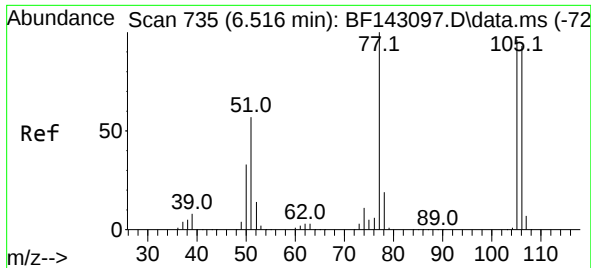


#8
2-Chlorophenol
Concen: 4.500 ng
RT: 6.751 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:128 Resp: 40446

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.8	52.8
64	83.3	36.1	76.1





#9

Benzaldehyde

Concen: 4.226 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

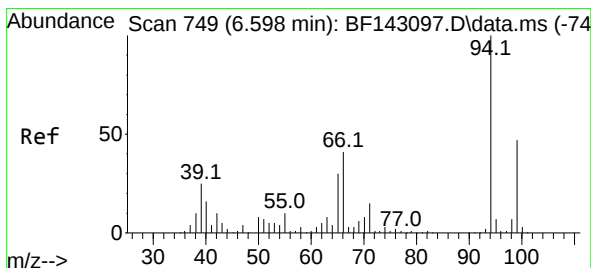
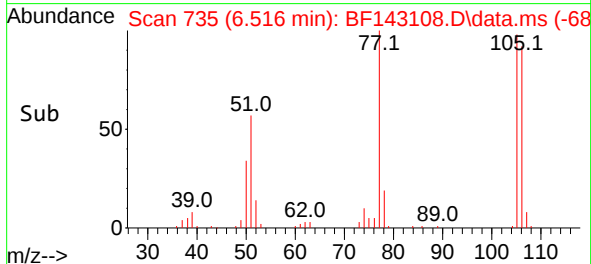
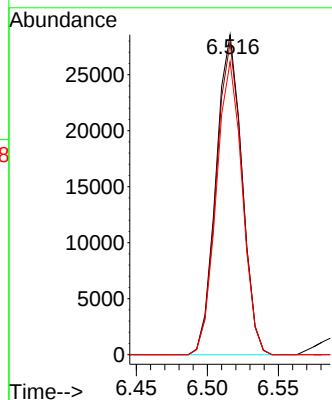
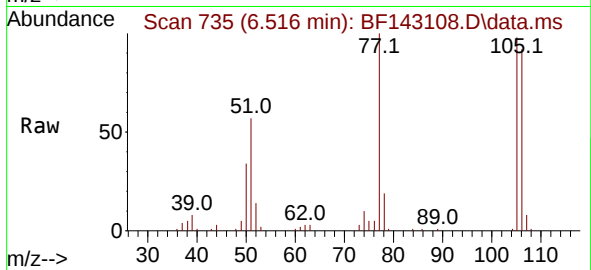
Tgt Ion: 77 Resp: 36212

Ion Ratio Lower Upper

77 100

105 97.5 76.3 116.3

106 91.6 72.8 112.8



#10

Phenol

Concen: 4.679 ng

RT: 6.598 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

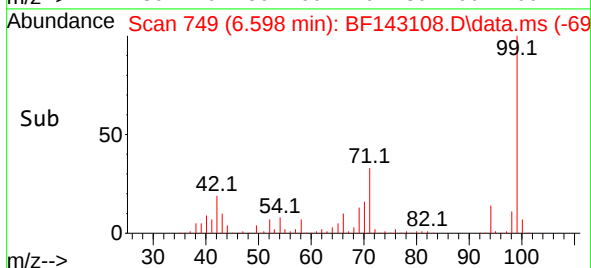
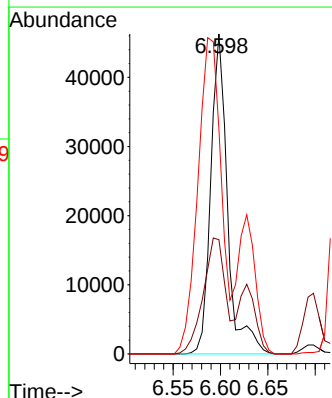
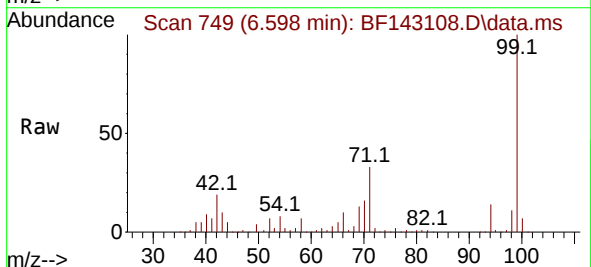
Tgt Ion: 94 Resp: 56956

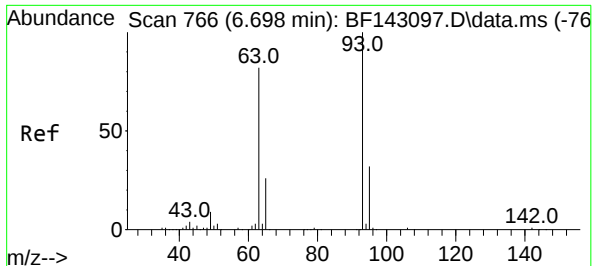
Ion Ratio Lower Upper

94 100

65 35.7 9.8 49.8

66 70.3 20.5 60.5#

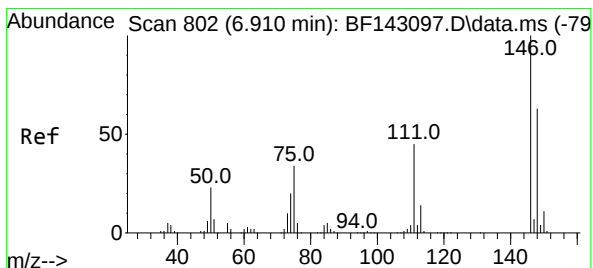
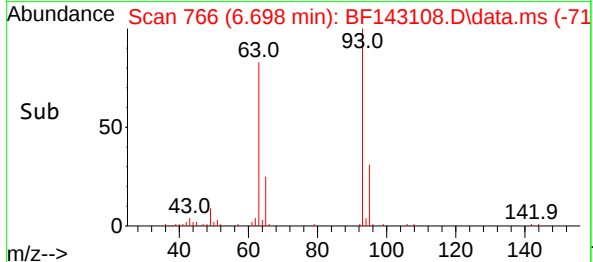
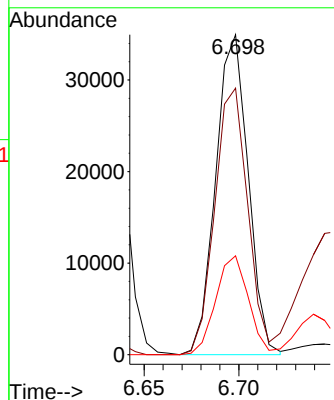
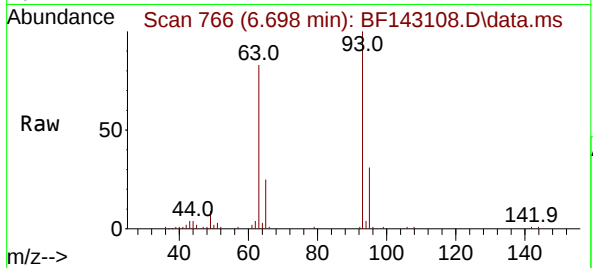




#11
bis(2-Chloroethyl)ether
Concen: 4.418 ng
RT: 6.698 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

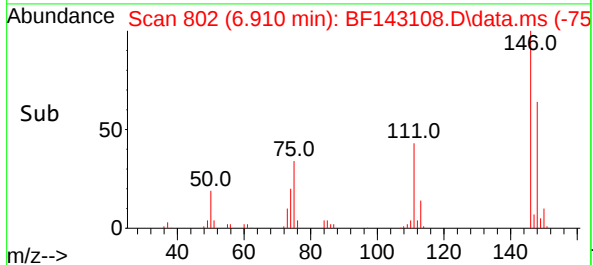
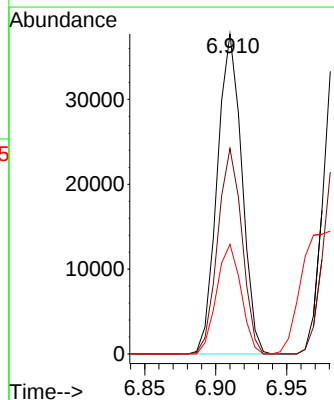
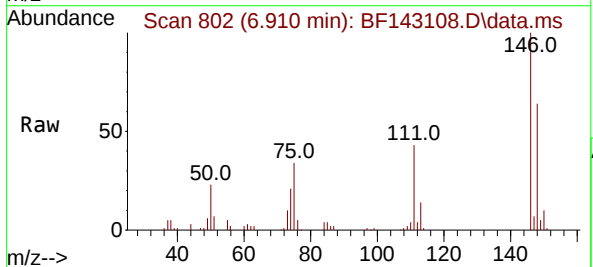
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

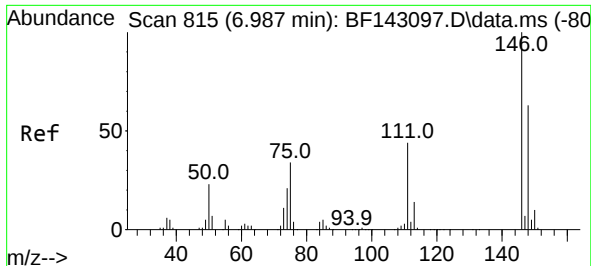
Tgt Ion:	93	Resp:	41636
Ion	Ratio	Lower	Upper
93	100		
63	83.3	61.9	101.9
95	30.9	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 4.467 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:	146	Resp:	45360
Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.1	75.1
75	34.3	27.4	41.0





#13

1,4-Dichlorobenzene

Concen: 4.461 ng

RT: 6.987 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

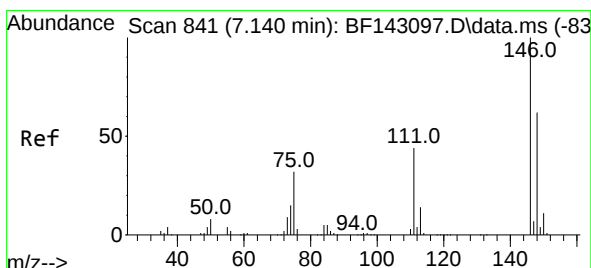
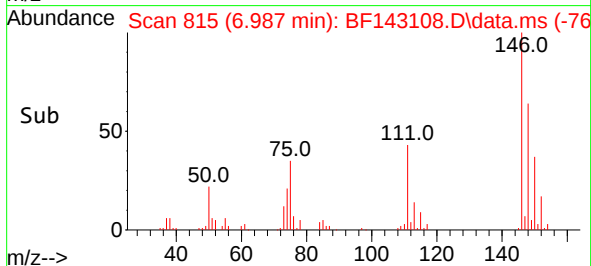
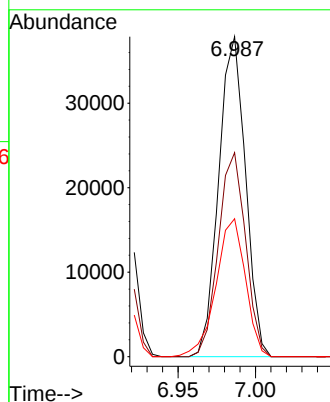
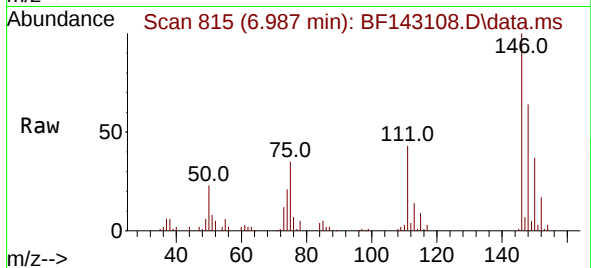
Tgt Ion:146 Resp: 45568

Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

111 43.1 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 4.387 ng

RT: 7.139 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

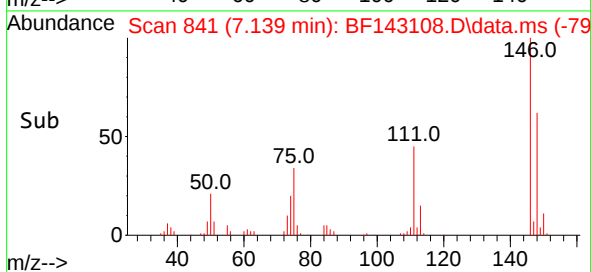
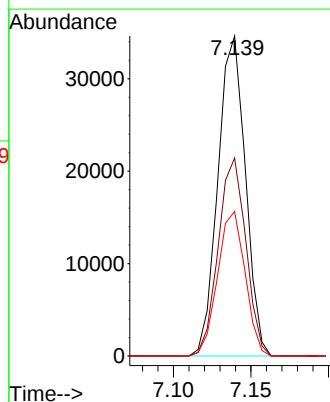
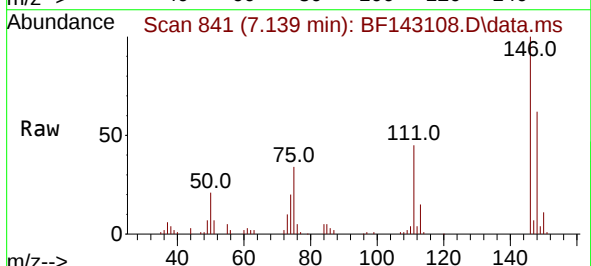
Tgt Ion:146 Resp: 42740

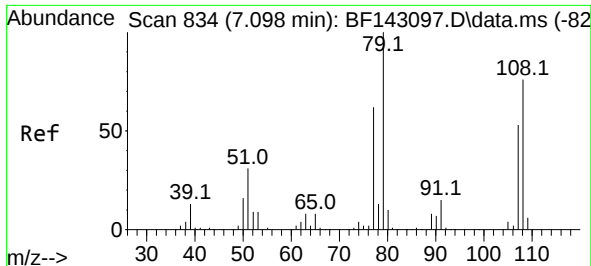
Ion Ratio Lower Upper

146 100

148 61.8 49.8 74.6

111 45.1 35.4 53.0

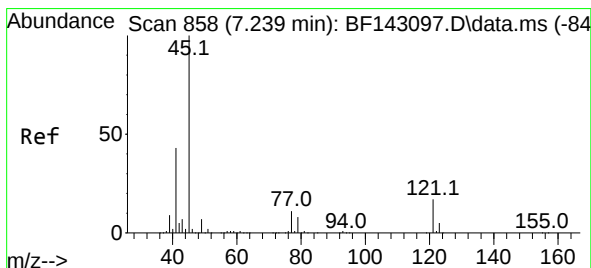
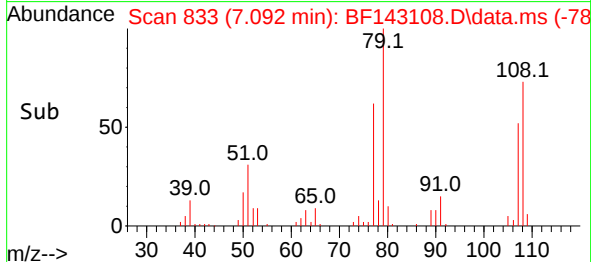
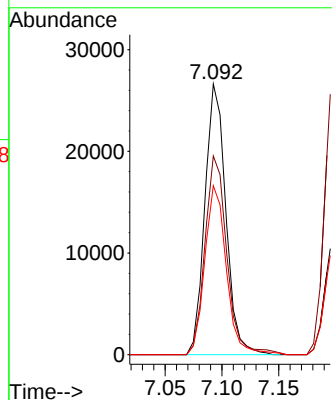
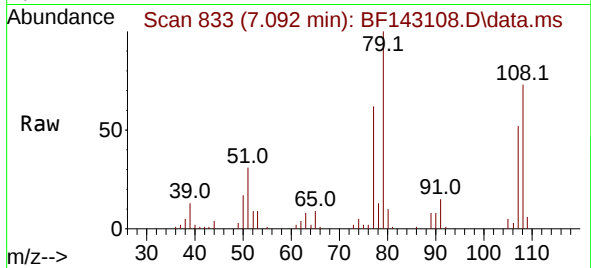




#15
Benzyl Alcohol
Concen: 4.095 ng
RT: 7.092 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

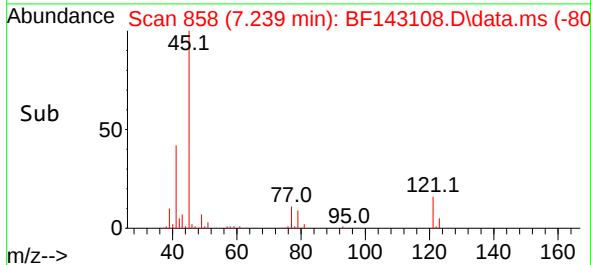
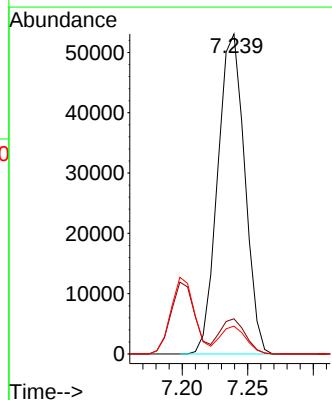
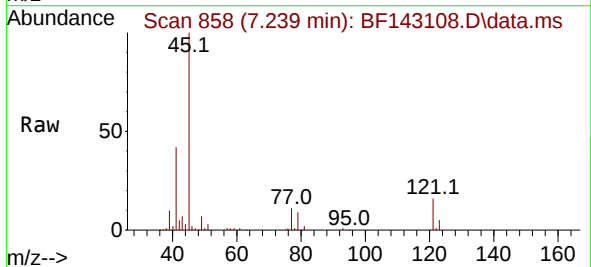
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

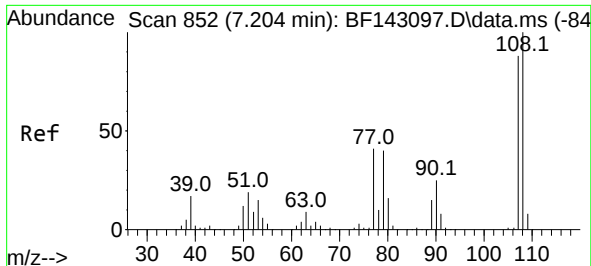
Tgt Ion: 79	Resp: 34123
Ion Ratio	Lower Upper
79 100	
108 73.4	61.1 91.7
77 62.4	49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.378 ng
RT: 7.239 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

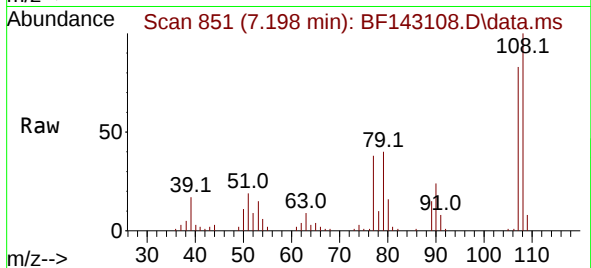
Tgt Ion: 45	Resp: 76054
Ion Ratio	Lower Upper
45 100	
77 11.0	0.0 31.1
79 8.7	0.0 28.4



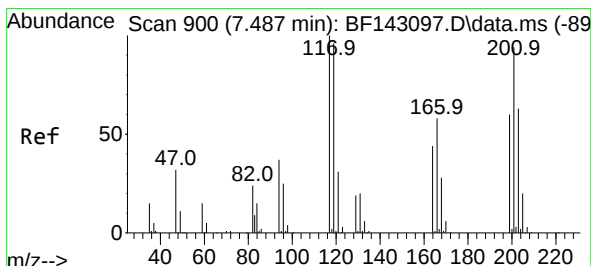
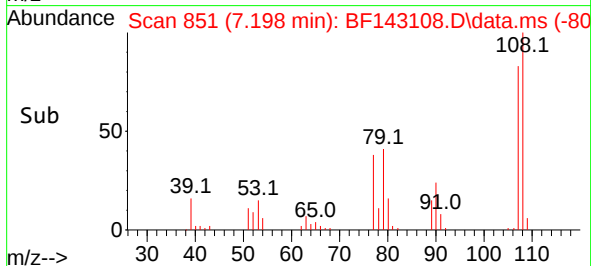
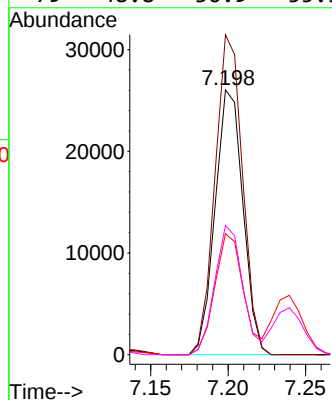


#17
2-Methylphenol
Concen: 4.198 ng
RT: 7.198 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

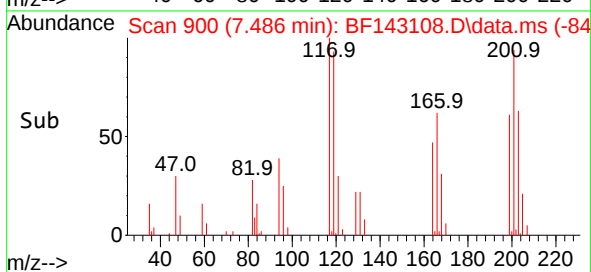
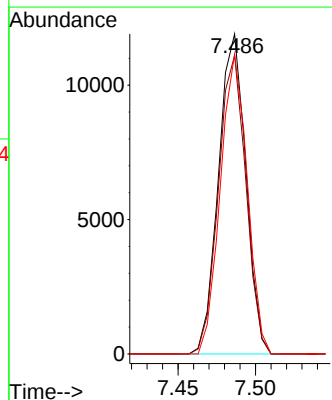
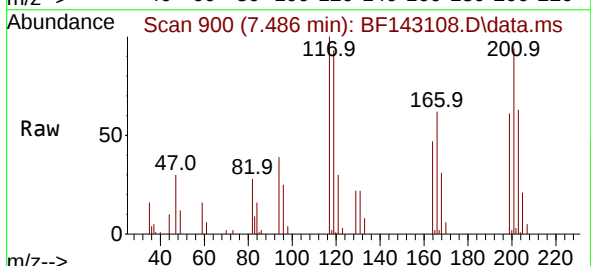


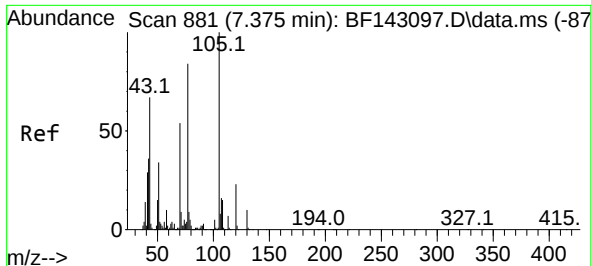
Tgt Ion:	107	Resp:	32558
Ion	Ratio	Lower	Upper
107	100		
108	120.8	90.9	136.3
77	45.7	37.5	56.3
79	48.8	36.9	55.3



#18
Hexachloroethane
Concen: 4.398 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:	117	Resp:	14626
Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.7	115.1
201	93.7	75.0	112.4

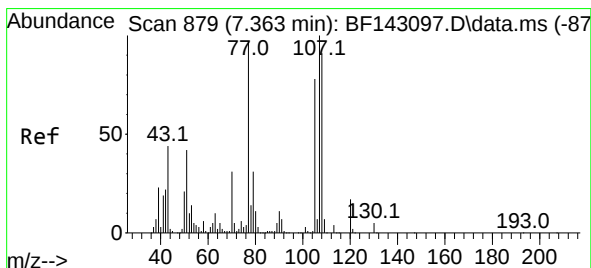
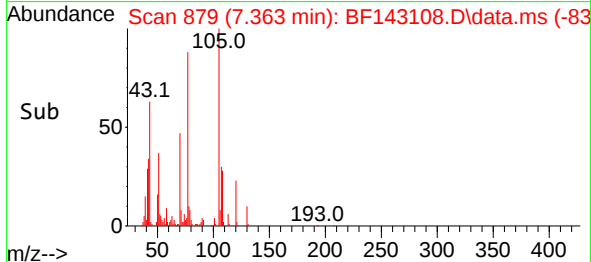
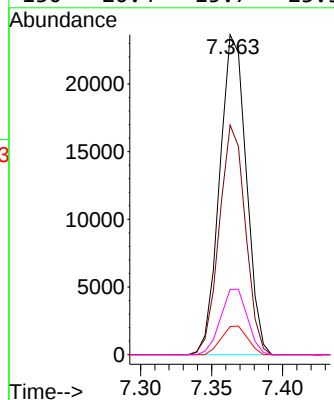
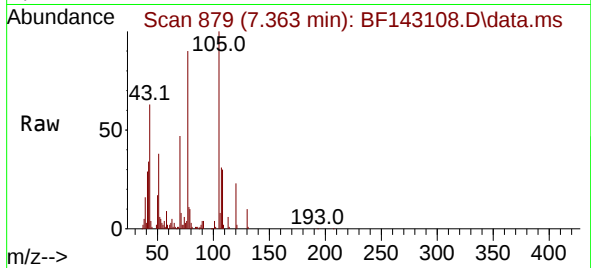




#19
n-Nitroso-di-n-propylamine
Concen: 4.477 ng
RT: 7.363 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

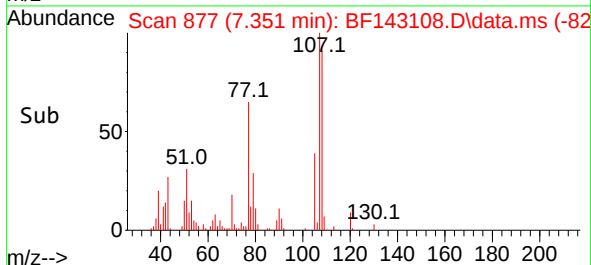
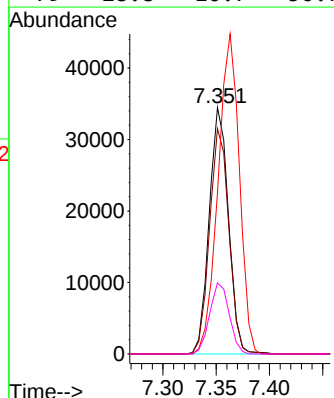
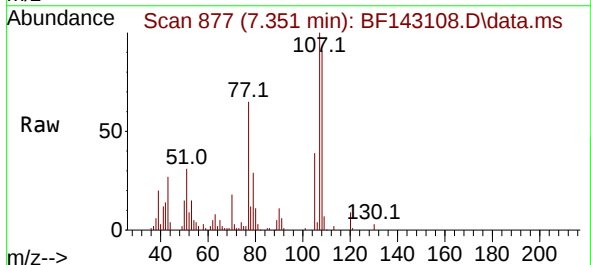
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

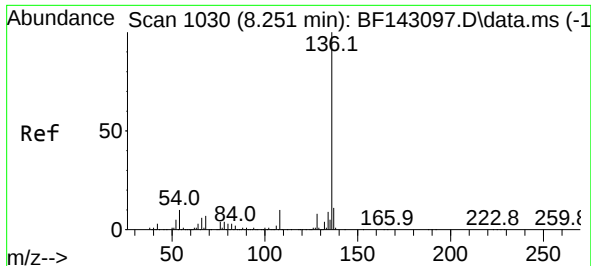
Tgt Ion:	70	Resp:	30839
Ion	Ratio	Lower	Upper
70	100		
42	71.7	53.2	79.8
101	8.8	7.5	11.3
130	20.4	15.7	23.5



#20
3+4-Methylphenols
Concen: 4.560 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.012 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:	107	Resp:	43374
Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.3	111.3
77	65.4	77.2	117.2#
79	28.8	10.7	50.7

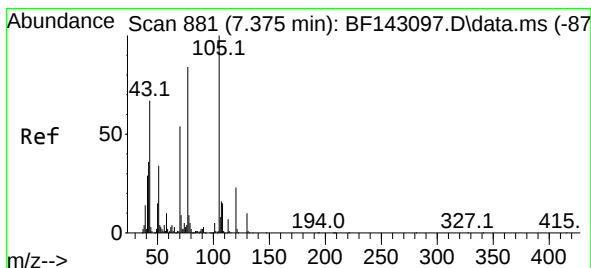
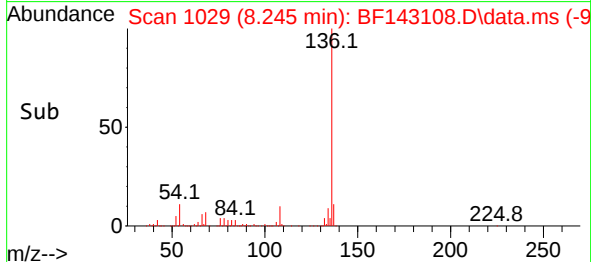
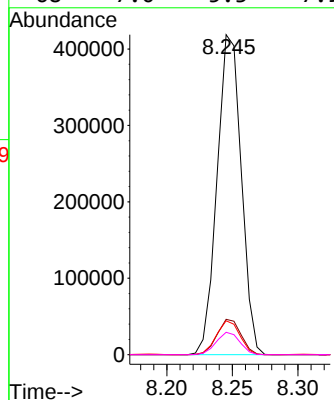
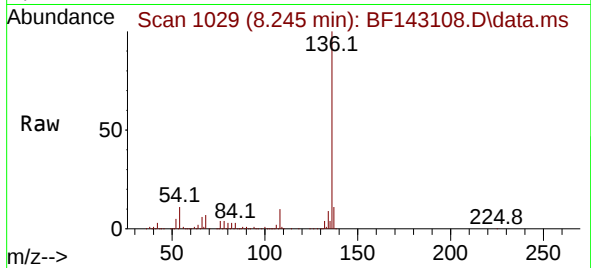




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

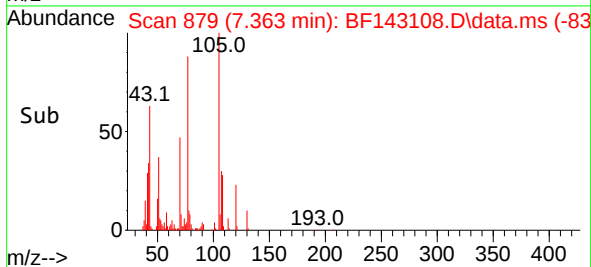
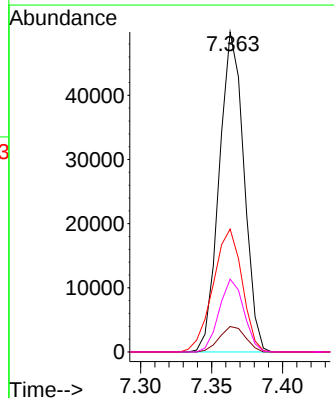
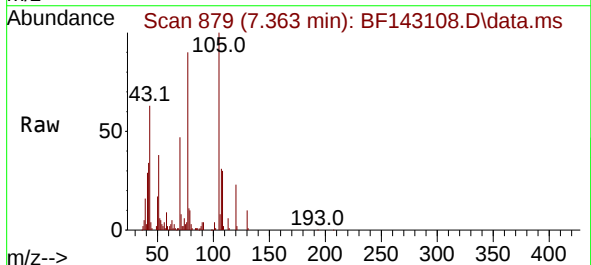
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

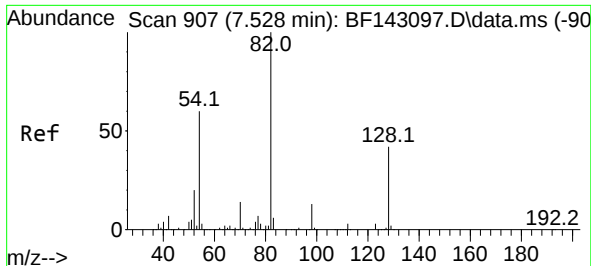
Tgt	Ion:136	Resp:	536916
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.6	8.3	12.5
68	7.0	5.3	7.9



#22
Acetophenone
Concen: 4.661 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt	Ion:105	Resp:	60332
Ion	Ratio	Lower	Upper
105	100		
71	8.0	7.2	10.8
51	38.4	27.0	40.4
120	22.8	18.2	27.2

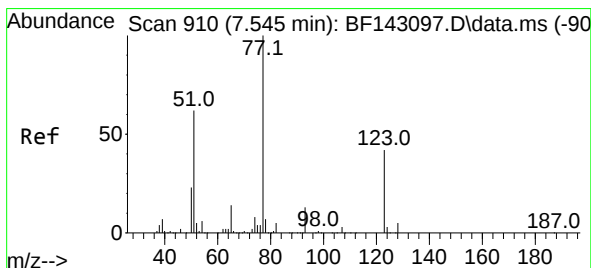
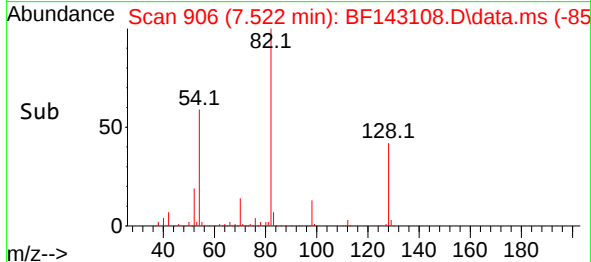
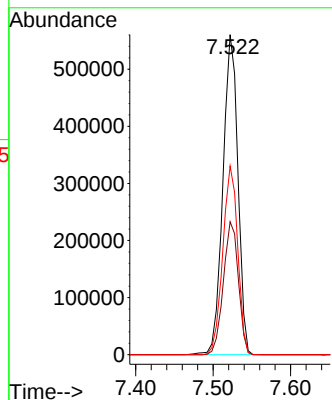
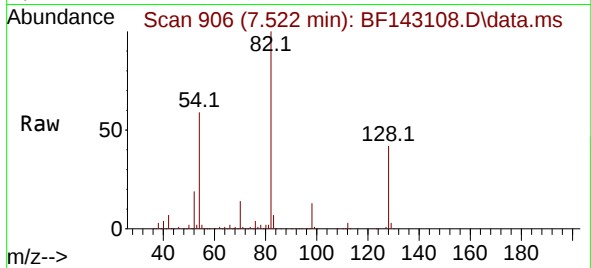




#23
Nitrobenzene-d5
Concen: 78.920 ng
RT: 7.522 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

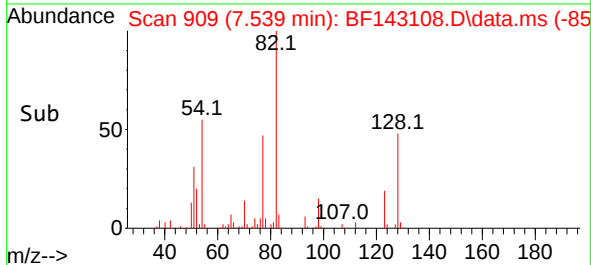
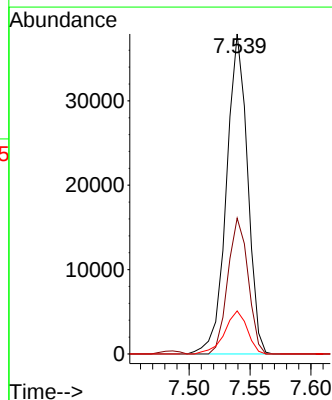
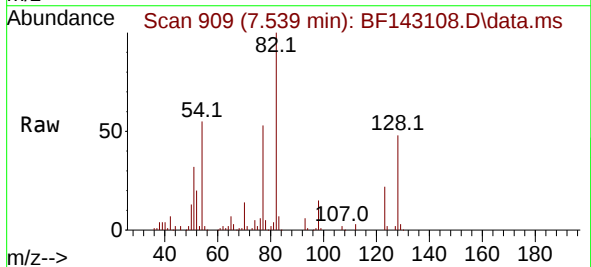
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

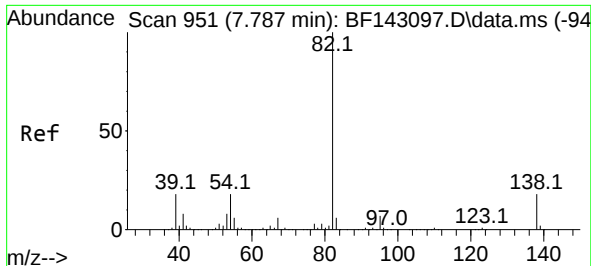
Tgt Ion: 82 Resp: 755341
Ion Ratio Lower Upper
82 100
128 41.5 33.3 49.9
54 59.0 47.4 71.2



#24
Nitrobenzene
Concen: 4.935 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion: 77 Resp: 45597
Ion Ratio Lower Upper
77 100
123 42.5 34.5 51.7
65 13.5 11.3 16.9

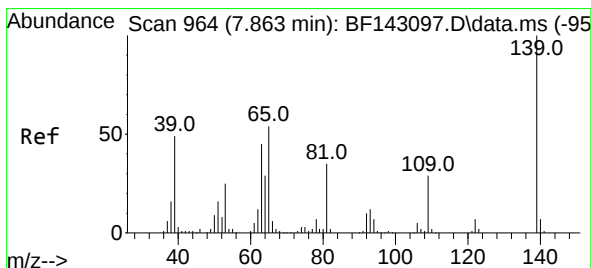
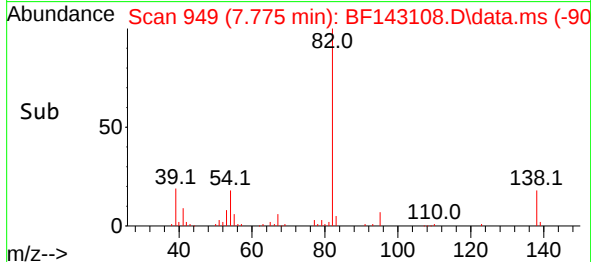
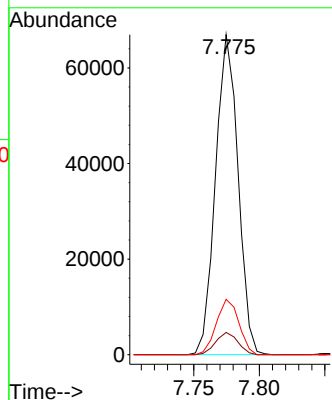
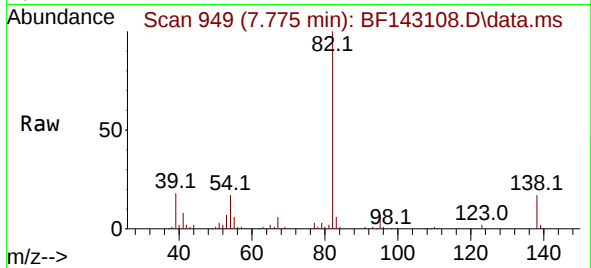




#25
Isophorone
Concen: 4.315 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

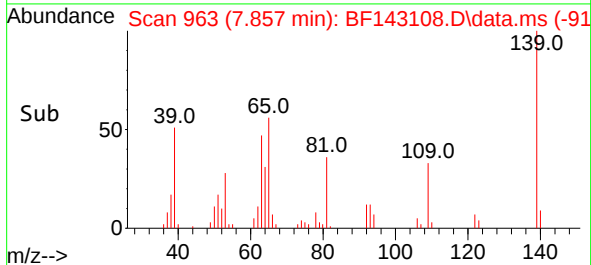
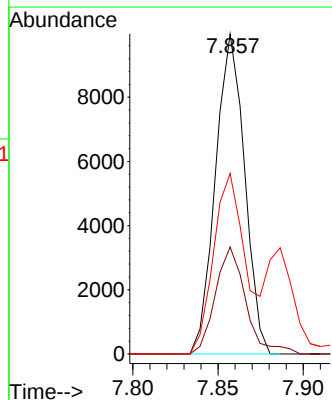
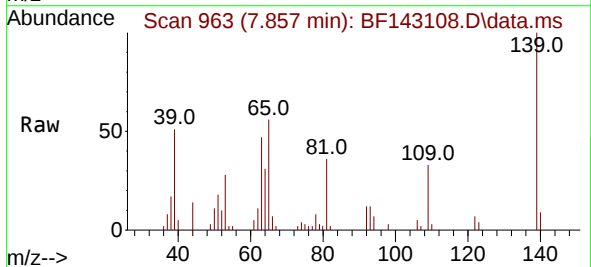
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

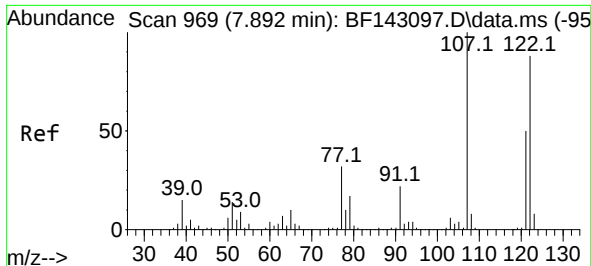
Tgt Ion: 82 Resp: 79829
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.3 14.3 21.5



#26
2-Nitrophenol
Concen: 6.877 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:139 Resp: 11850
Ion Ratio Lower Upper
139 100
109 33.4 23.4 35.0
65 56.4 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 4.537 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

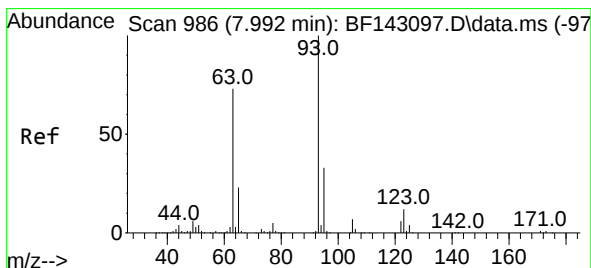
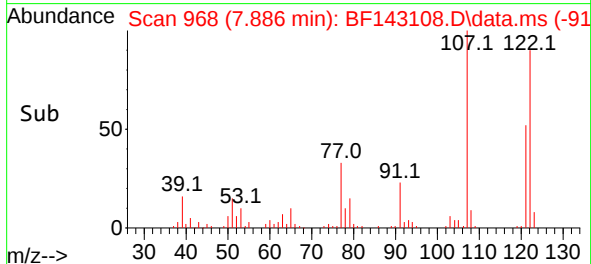
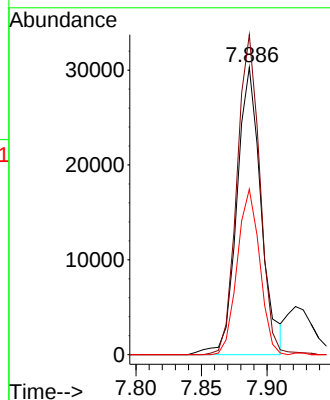
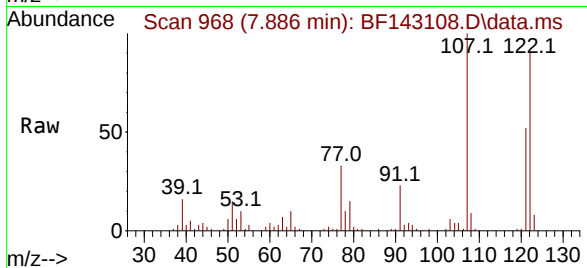
Tgt Ion:122 Resp: 38952

Ion Ratio Lower Upper

122 100

107 111.4 91.3 136.9

121 57.6 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 4.490 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

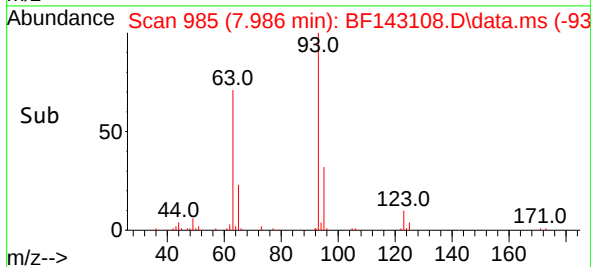
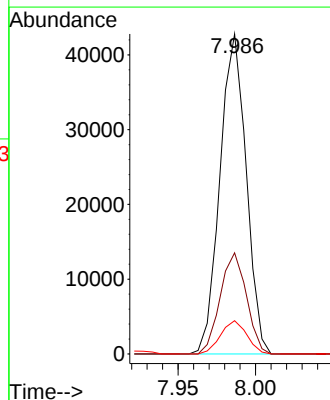
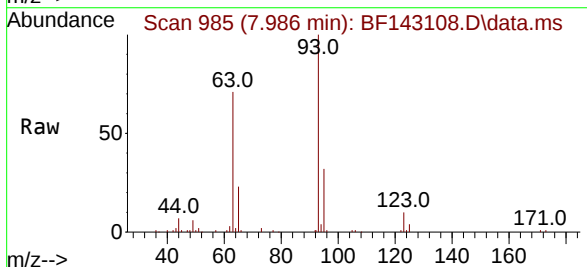
Tgt Ion: 93 Resp: 50369

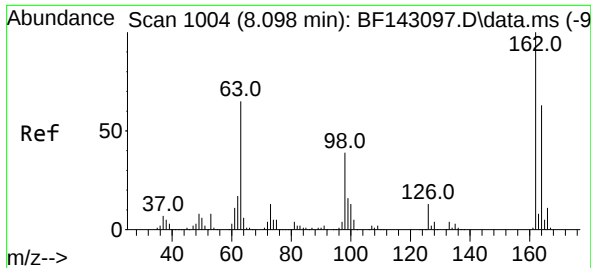
Ion Ratio Lower Upper

93 100

95 31.6 26.2 39.4

123 10.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 4.336 ng

RT: 8.092 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

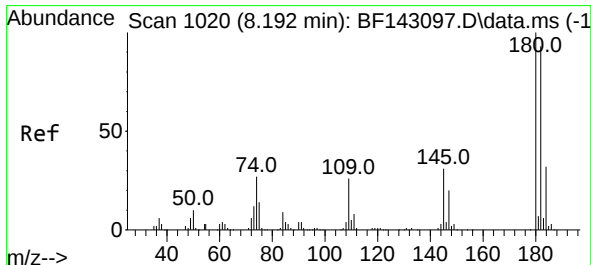
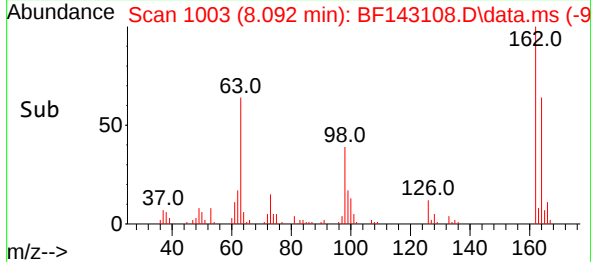
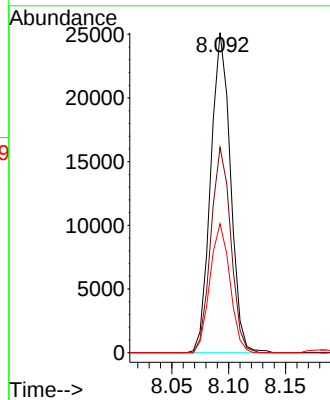
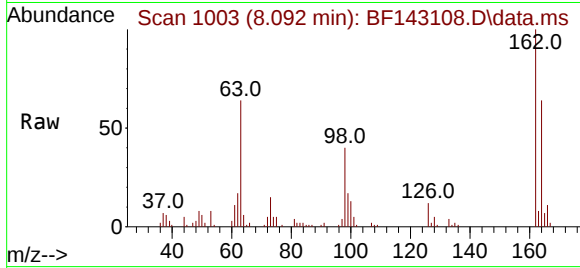
Tgt Ion:162 Resp: 30459

Ion Ratio Lower Upper

162 100

164 64.2 43.1 83.1

98 40.3 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 4.507 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

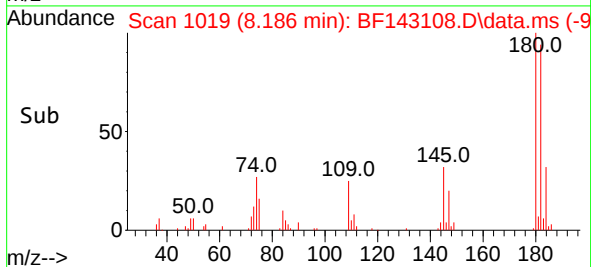
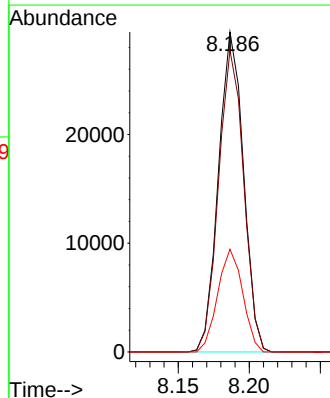
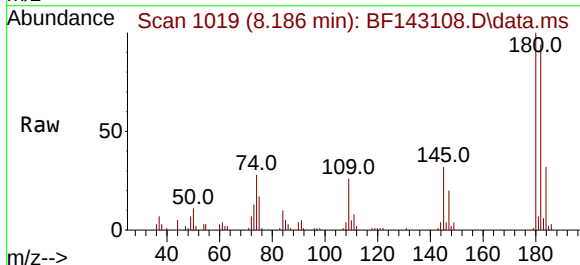
Tgt Ion:180 Resp: 35933

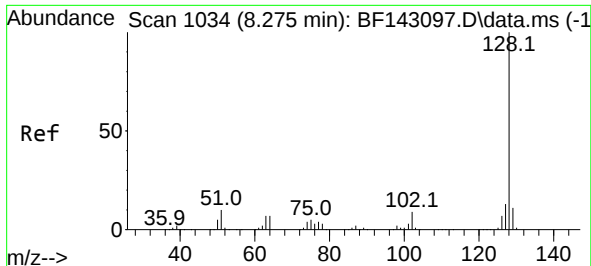
Ion Ratio Lower Upper

180 100

182 94.3 74.7 112.1

145 32.1 24.5 36.7

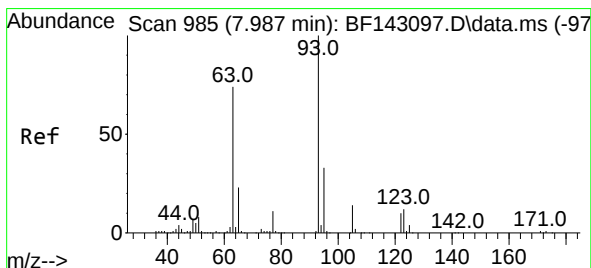
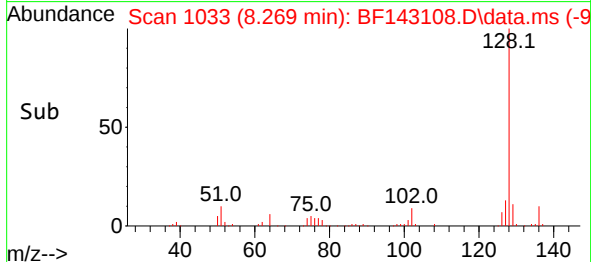
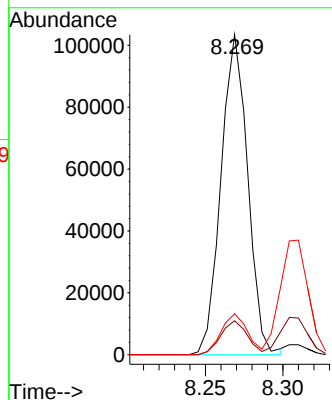
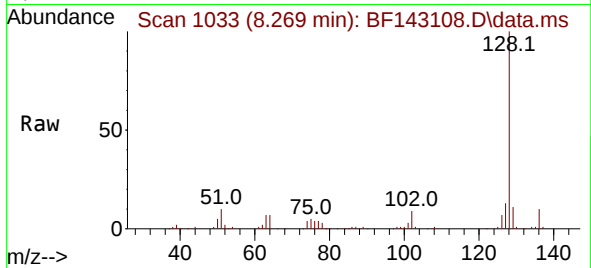




#31
Naphthalene
Concen: 4.640 ng
RT: 8.269 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

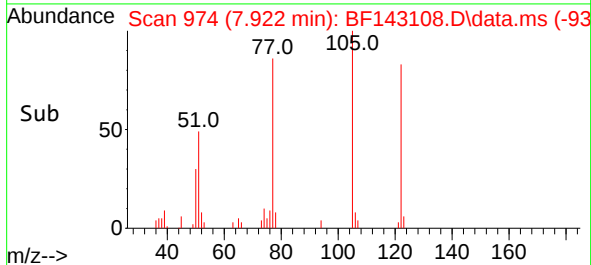
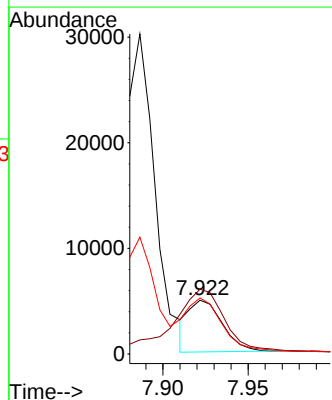
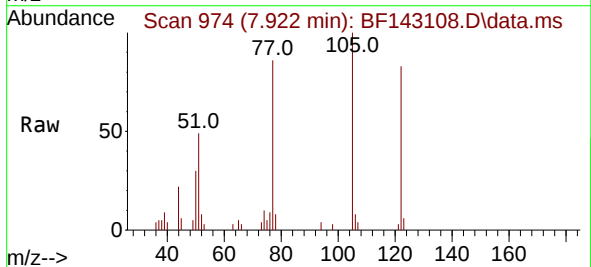
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

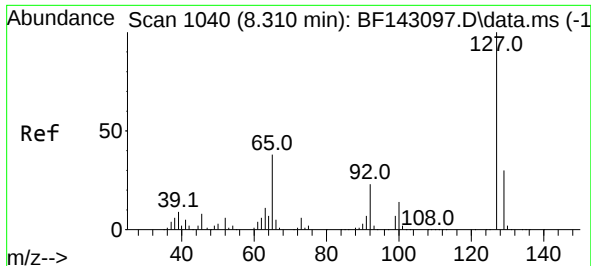
Tgt Ion:128 Resp: 123701
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.8 10.5 15.7



#32
Benzoic acid
Concen: 7.886 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.065 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:122 Resp: 6757
Ion Ratio Lower Upper
122 100
105 120.6 105.4 145.4
77 104.2 78.6 118.6

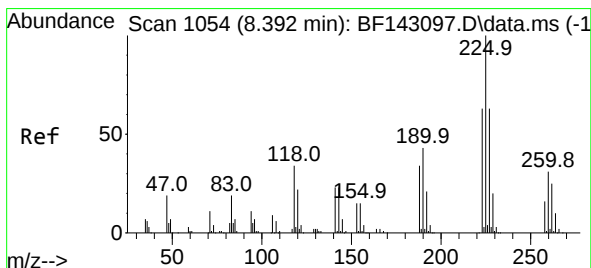
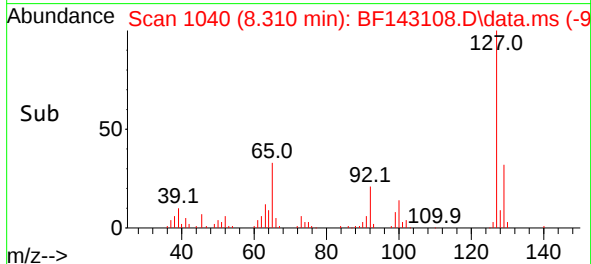
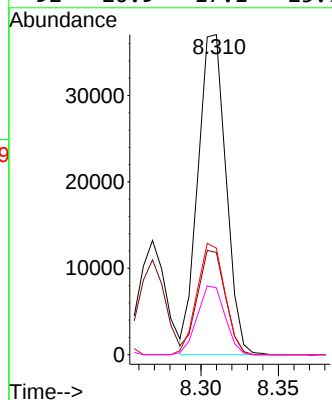
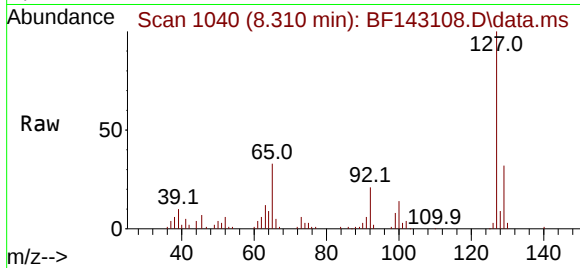




#33
4-Chloroaniline
Concen: 4.346 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

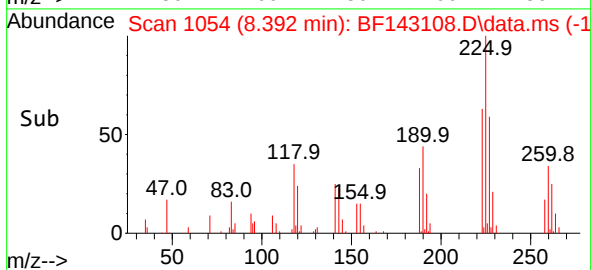
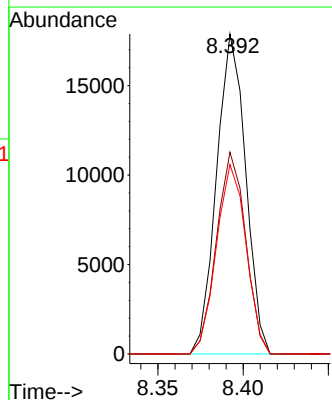
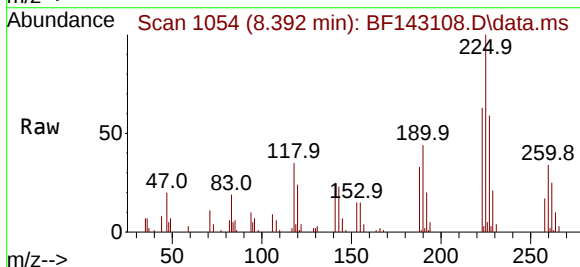
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2025

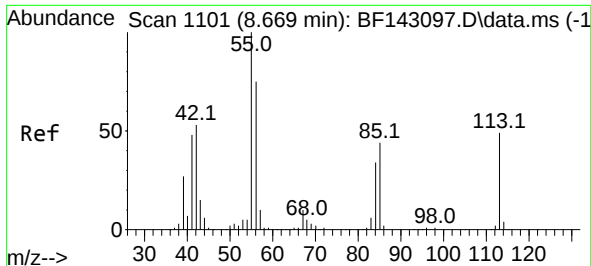
Tgt Ion:	127	Resp:	46601
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.2	39.4
65	33.3	28.6	42.8
92	20.9	17.1	25.7



#34
Hexachlorobutadiene
Concen: 4.450 ng
RT: 8.392 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:	225	Resp:	21218
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.3	75.5
227	59.2	50.1	75.1

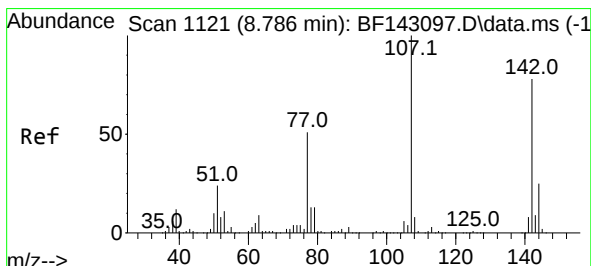
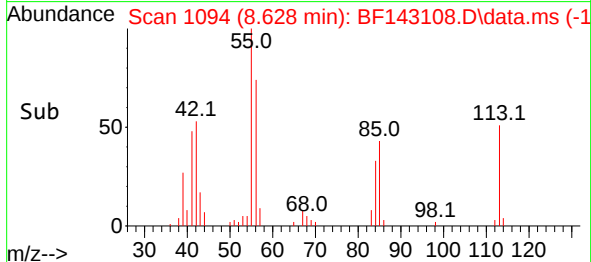
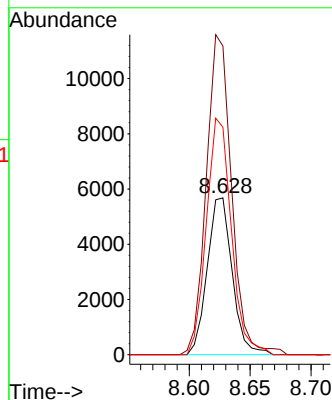
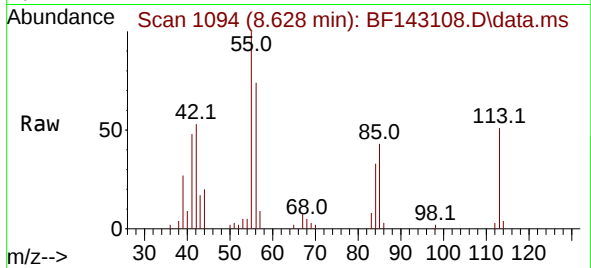




#35
 Caprolactam
 Concen: 3.696 ng
 RT: 8.628 min Scan# 1101
 Delta R.T. -0.041 min
 Lab File: BF143108.D
 Acq: 16 Jul 2025 12:07

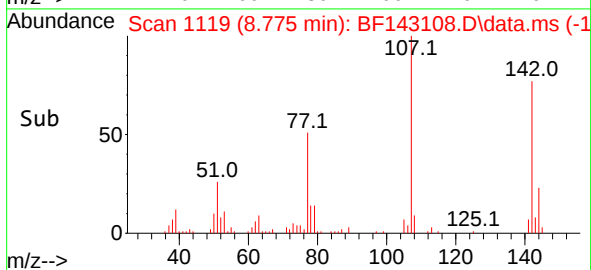
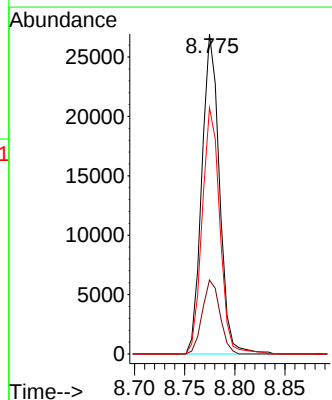
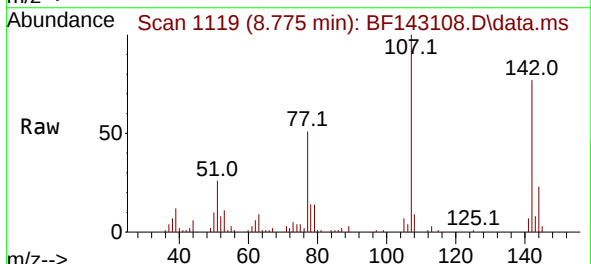
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

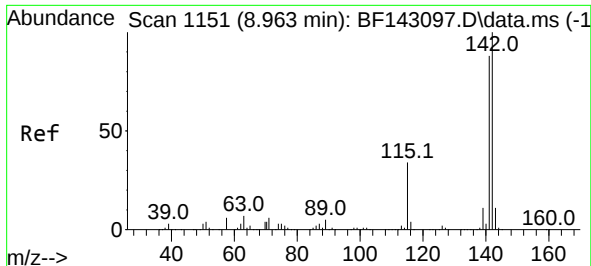
Tgt Ion:113 Resp: 8106
 Ion Ratio Lower Upper
 113 100
 55 196.9 186.2 226.2
 56 145.1 134.1 174.1



#36
 4-Chloro-3-methylphenol
 Concen: 4.220 ng
 RT: 8.775 min Scan# 1119
 Delta R.T. -0.012 min
 Lab File: BF143108.D
 Acq: 16 Jul 2025 12:07

Tgt Ion:107 Resp: 33020
 Ion Ratio Lower Upper
 107 100
 144 23.1 20.2 30.2
 142 77.0 62.4 93.6

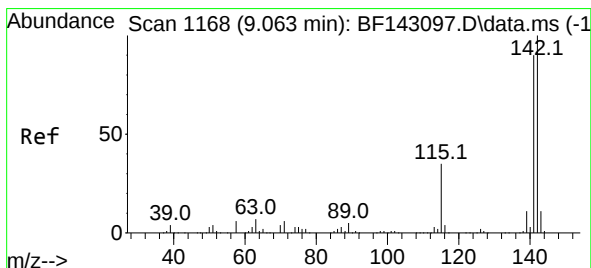
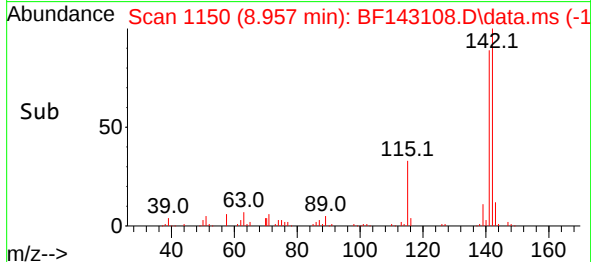
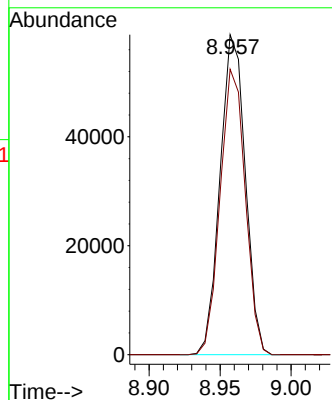
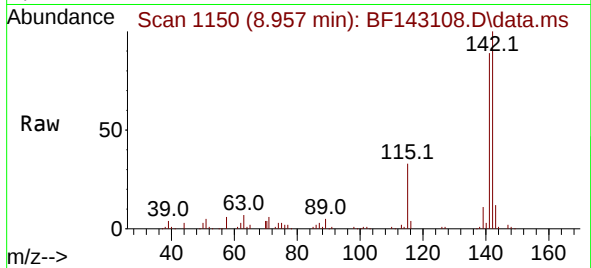




#37
2-Methylnaphthalene
Concen: 4.564 ng
RT: 8.957 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

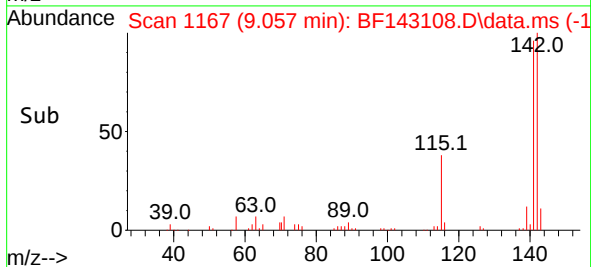
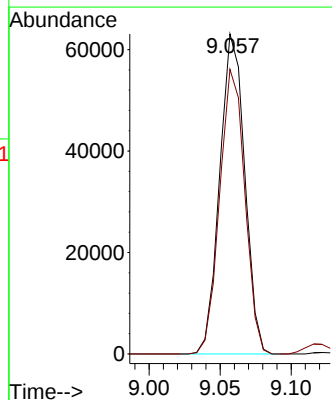
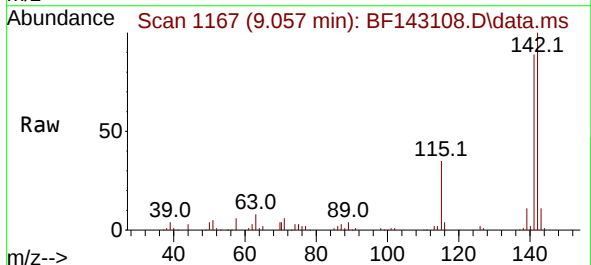
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

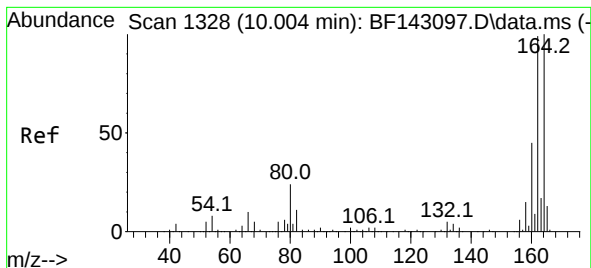
Tgt Ion:142 Resp: 72600
Ion Ratio Lower Upper
142 100
141 89.2 70.2 105.2



#38
1-Methylnaphthalene
Concen: 4.680 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:142 Resp: 77200
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF143108.D

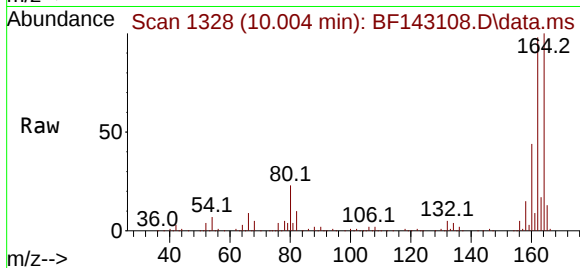
Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025



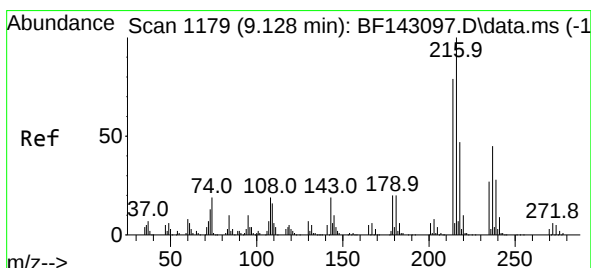
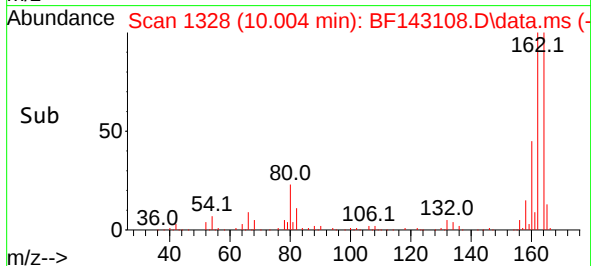
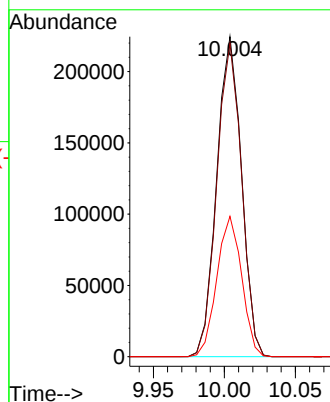
Tgt Ion:164 Resp: 272300

Ion Ratio Lower Upper

164 100

162 97.9 79.0 118.6

160 43.9 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.620 ng

RT: 9.128 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Tgt Ion:216 Resp: 36664

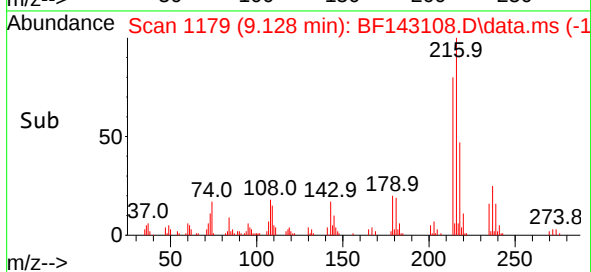
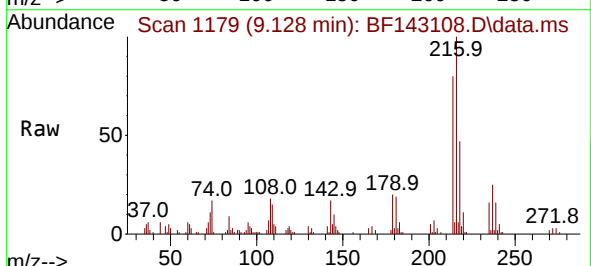
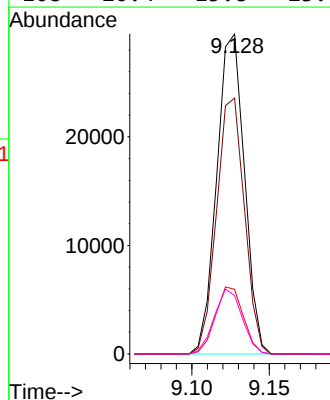
Ion Ratio Lower Upper

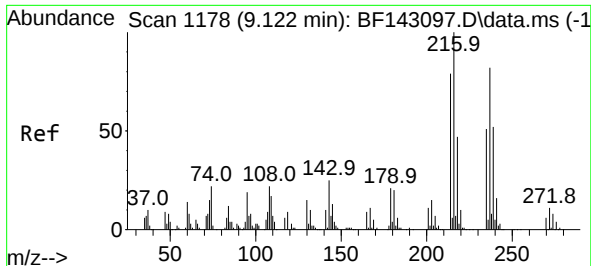
216 100

214 80.3 62.6 94.0

179 21.1 16.2 24.2

108 20.4 15.8 23.6

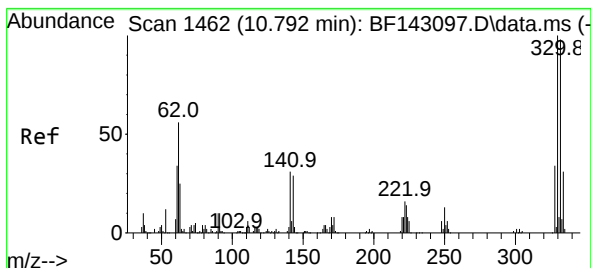
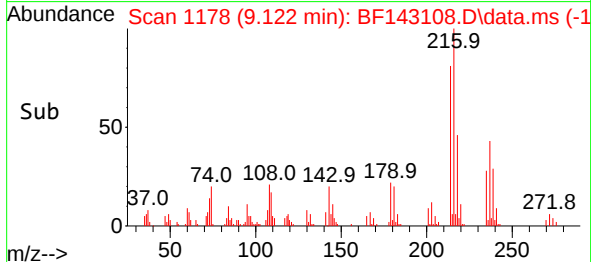
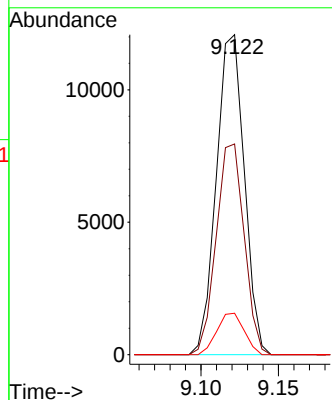
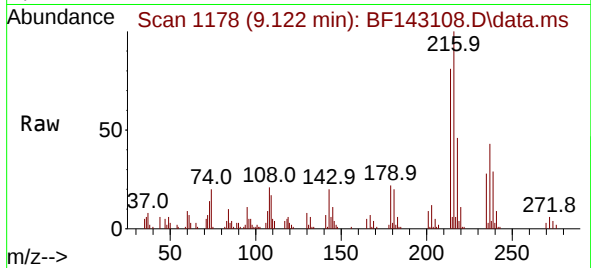




#41
Hexachlorocyclopentadiene
Concen: 3.452 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

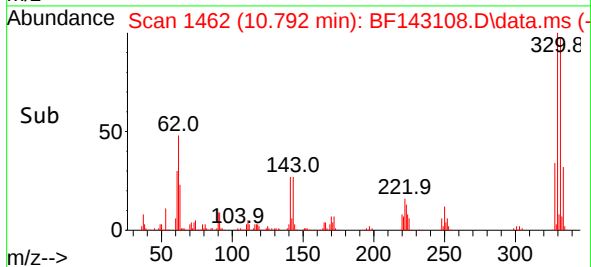
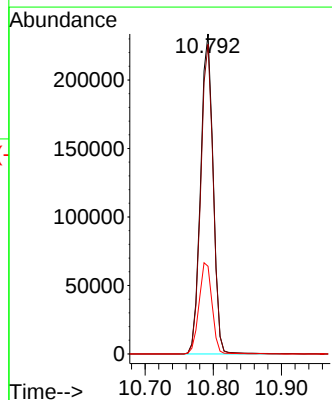
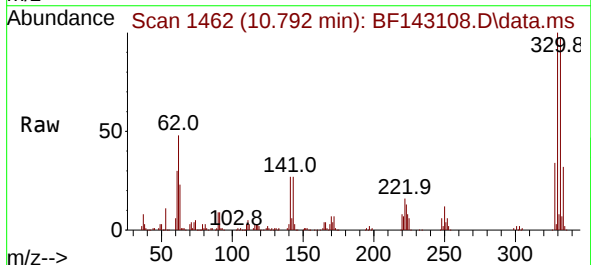
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2025

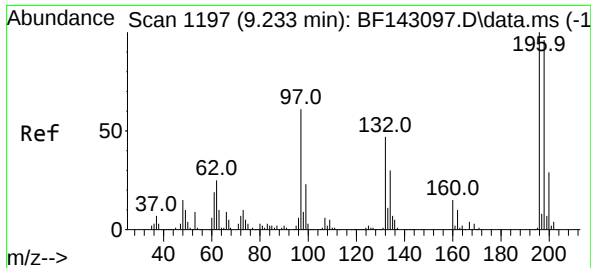
Tgt Ion:237	Resp: 15189
Ion Ratio	Lower Upper
237 100	
235 65.9	41.6 81.6
272 12.9	0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 122.670 ng
RT: 10.792 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:330	Resp: 297839		
Ion Ratio	Lower	Upper	
330 100			
332 96.5	77.9	116.9	
141 29.5	25.9	38.9	

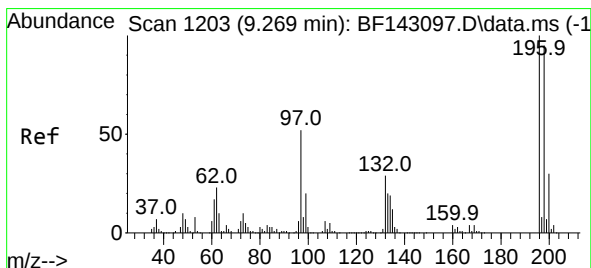
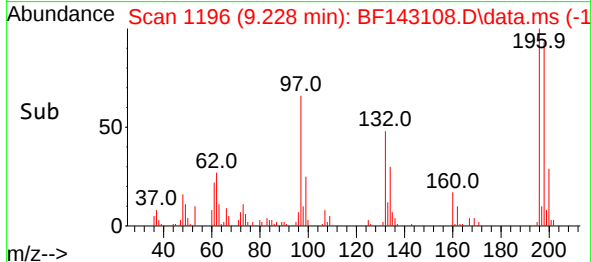
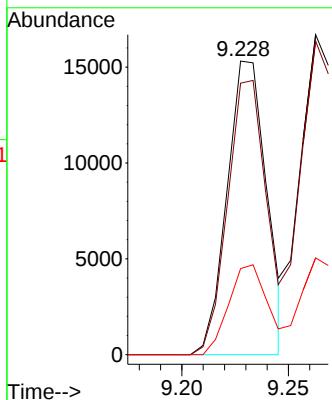
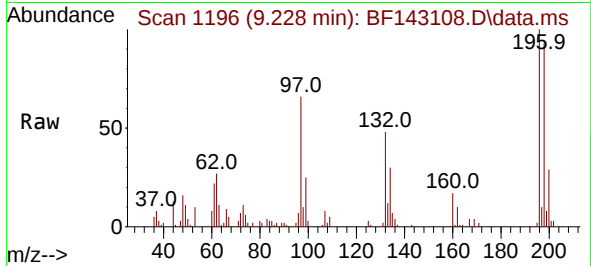




#43
2,4,6-Trichlorophenol
Concen: 4.022 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

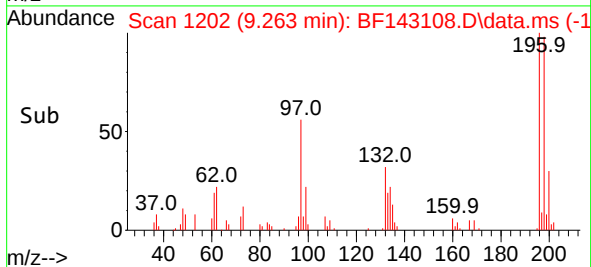
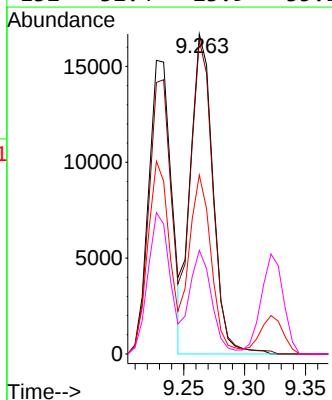
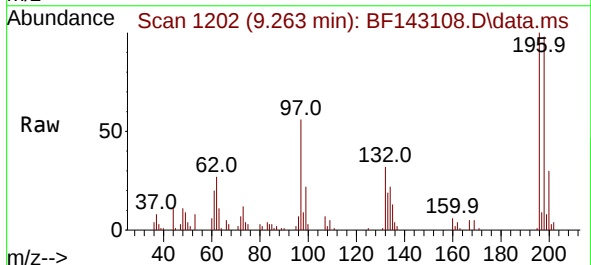
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

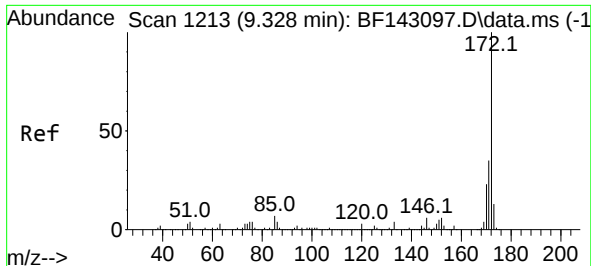
Tgt Ion:196 Resp: 19829
Ion Ratio Lower Upper
196 100
198 92.5 76.9 115.3
200 29.3 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 4.168 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:196 Resp: 21550
Ion Ratio Lower Upper
196 100
198 98.0 76.4 114.6
97 55.9 42.4 63.6
132 32.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 67.787 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

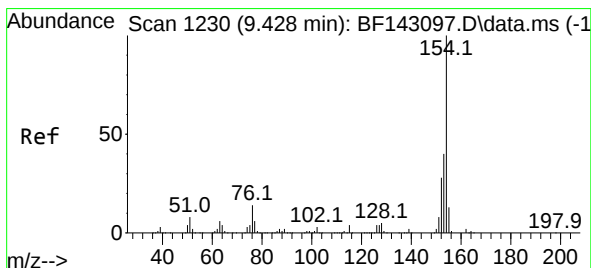
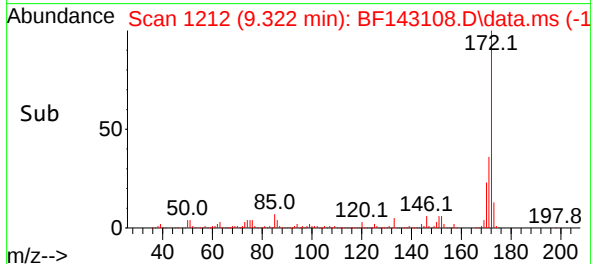
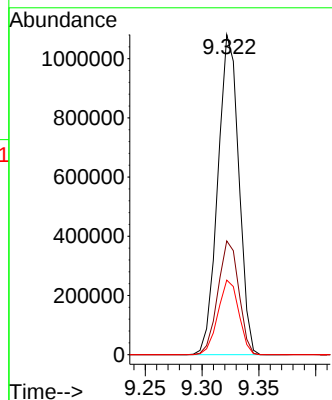
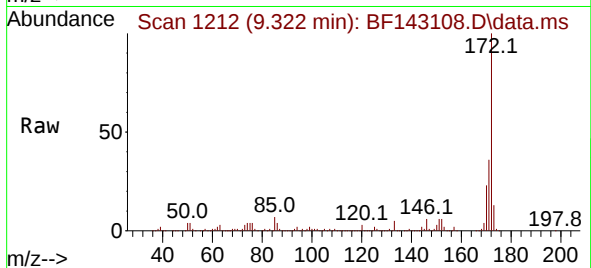
Tgt Ion:172 Resp: 1388592

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 4.591 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

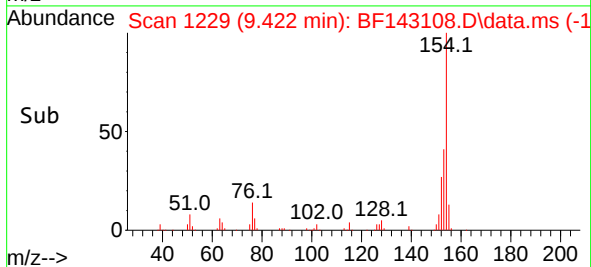
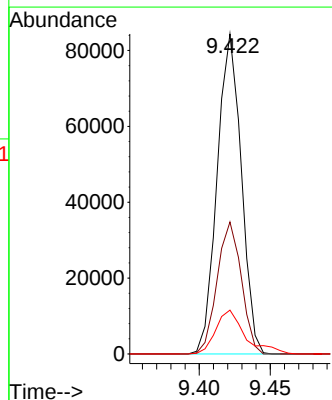
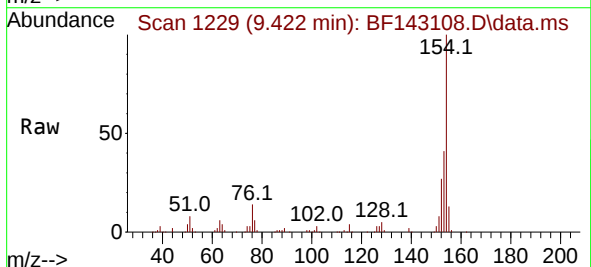
Tgt Ion:154 Resp: 99699

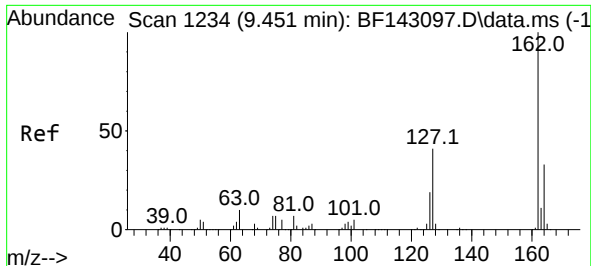
Ion Ratio Lower Upper

154 100

153 41.3 20.1 60.1

76 13.7 0.0 33.7





#47

2-Chloronaphthalene

Concen: 4.501 ng

RT: 9.445 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143108.D

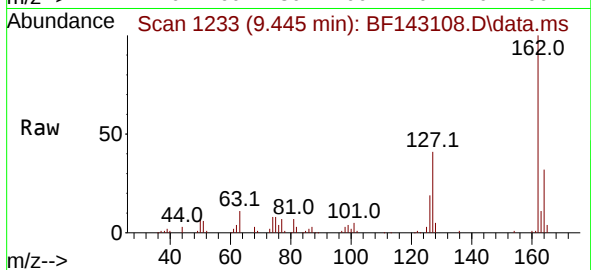
Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025



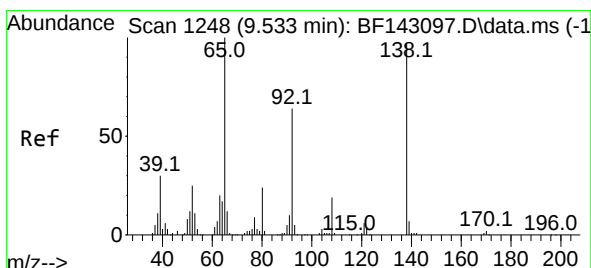
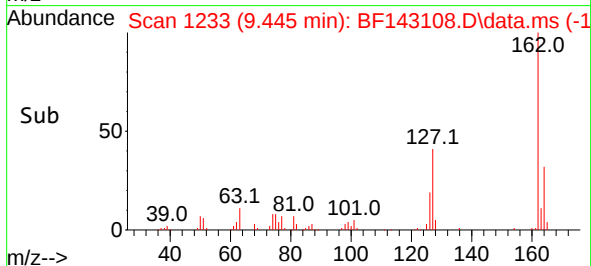
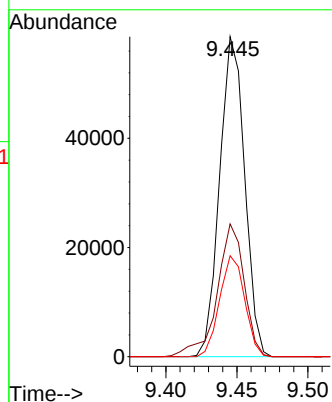
Tgt Ion:162 Resp: 71802

Ion Ratio Lower Upper

162 100

127 41.5 33.0 49.6

164 31.5 26.1 39.1



#48

2-Nitroaniline

Concen: 6.068 ng

RT: 9.528 min Scan# 1247

Delta R.T. -0.005 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

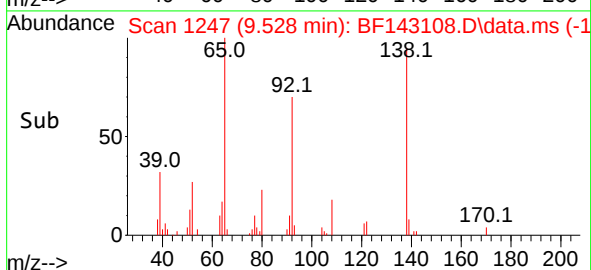
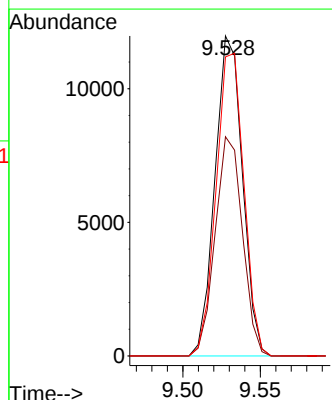
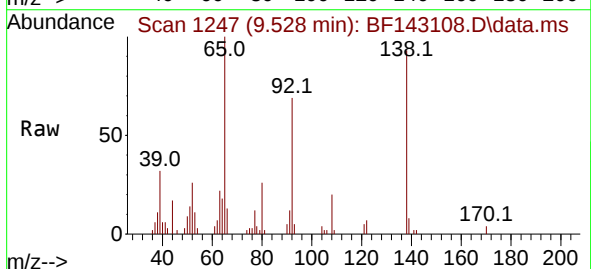
Tgt Ion: 65 Resp: 14751

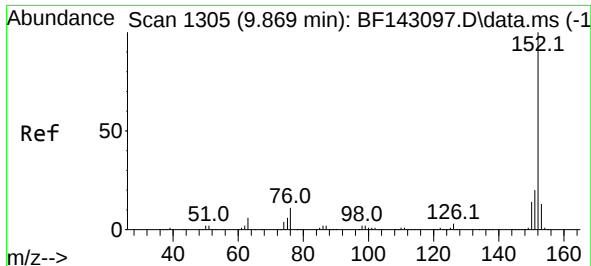
Ion Ratio Lower Upper

65 100

92 68.5 51.3 76.9

138 93.5 77.8 116.6

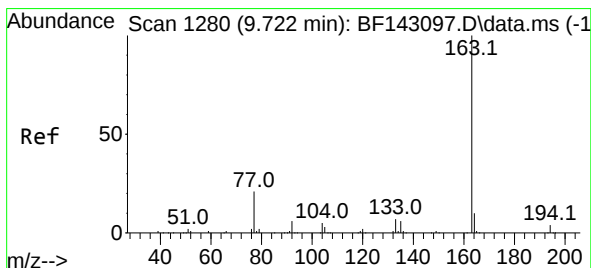
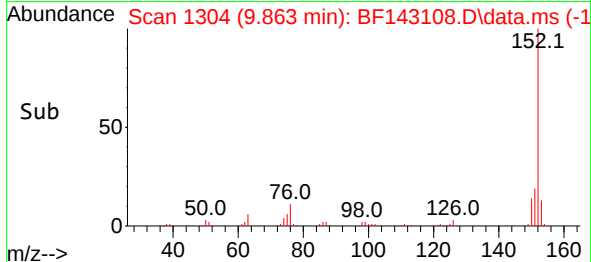
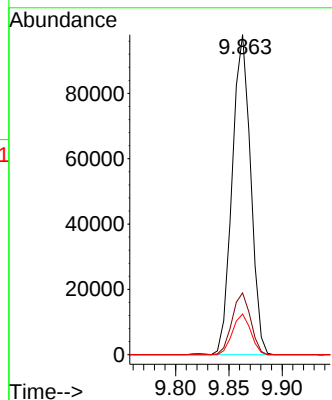
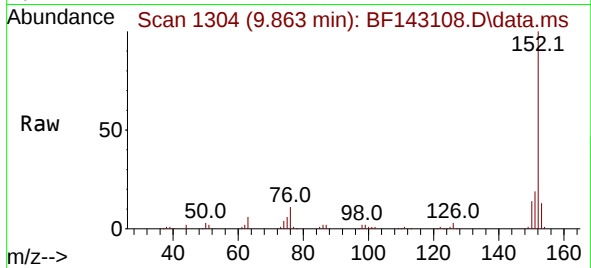




#49
Acenaphthylene
Concen: 4.445 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

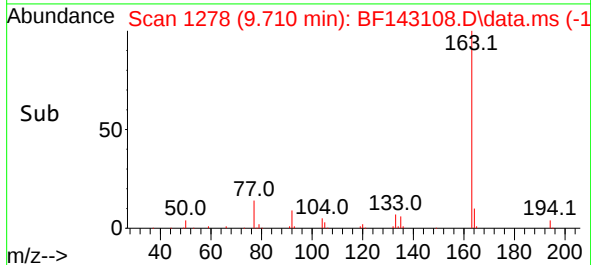
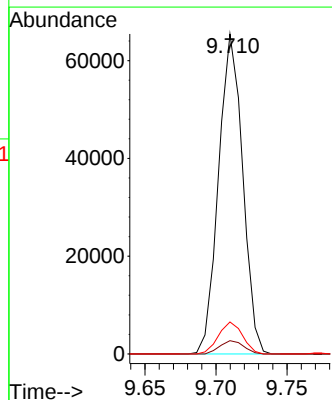
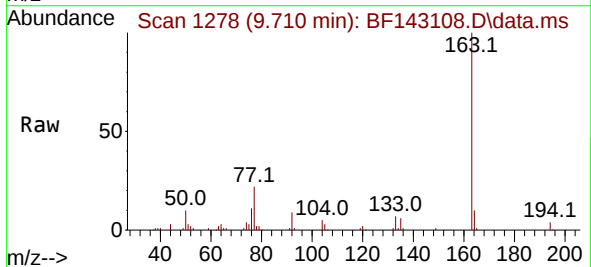
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

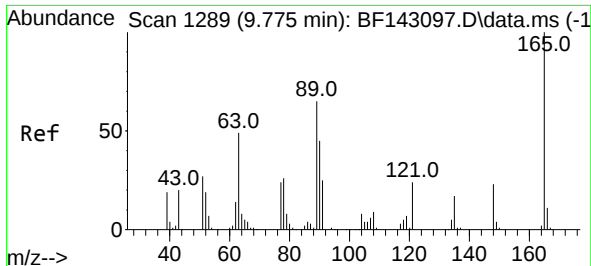
Tgt Ion:152 Resp: 118162
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 12.7 10.4 15.6



#50
Dimethylphthalate
Concen: 4.505 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:163 Resp: 77182
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.0 8.2 12.2

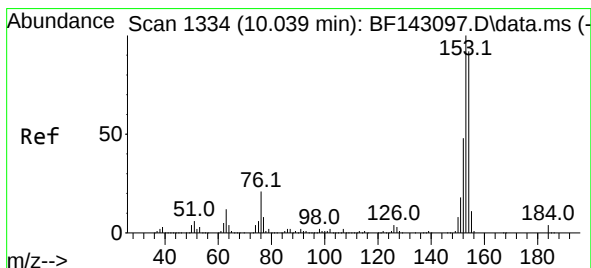
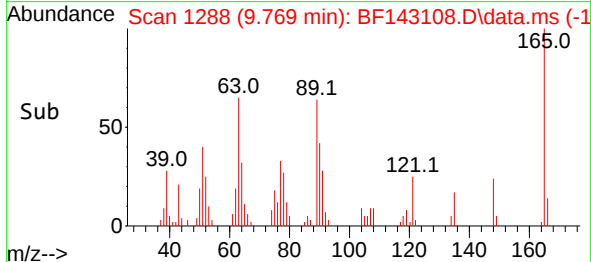
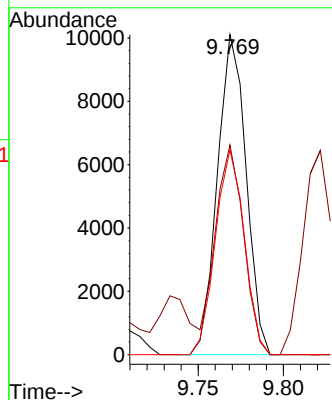
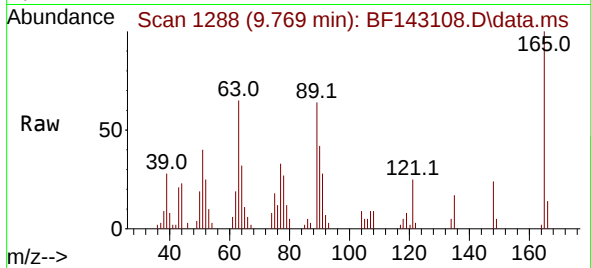




#51
2,6-Dinitrotoluene
Concen: 6.089 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

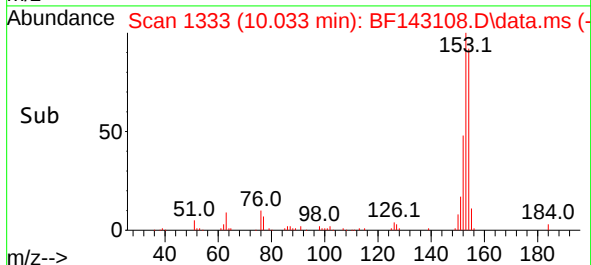
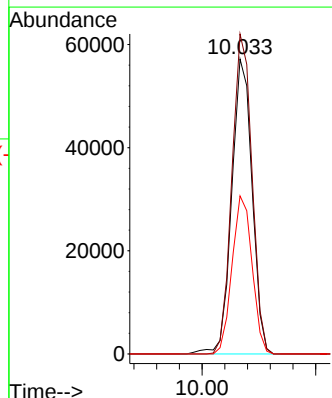
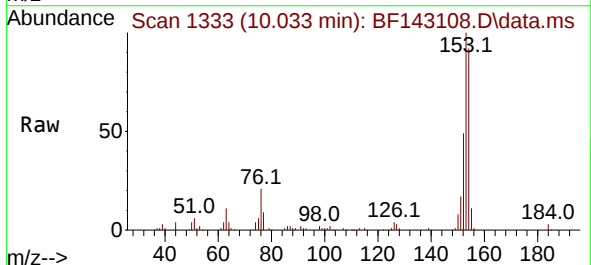
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

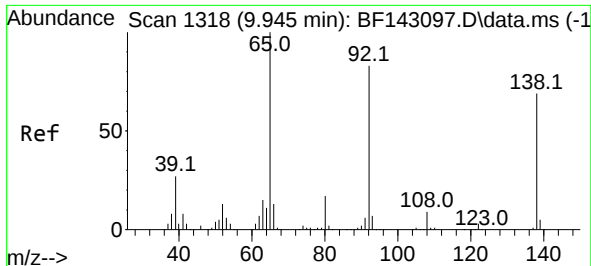
Tgt Ion:165 Resp: 11837
Ion Ratio Lower Upper
165 100
63 65.5 57.4 86.0
89 64.0 51.8 77.8



#52
Acenaphthene
Concen: 4.525 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:154 Resp: 70980
Ion Ratio Lower Upper
154 100
153 108.5 86.7 130.1
152 53.6 41.4 62.2





#53

3-Nitroaniline

Concen: 3.839 ng

RT: 9.933 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

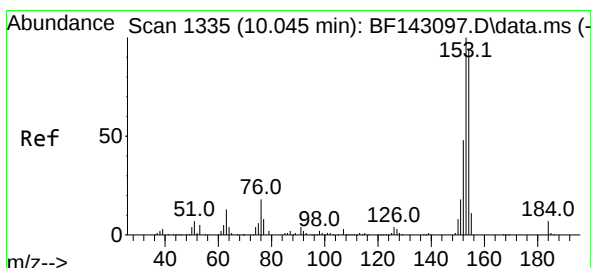
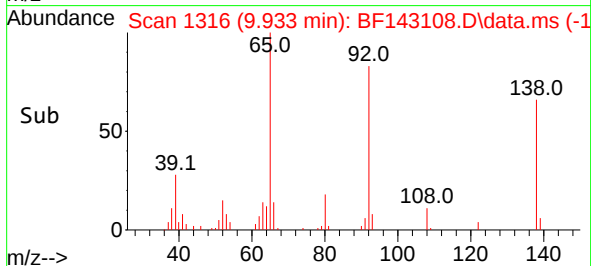
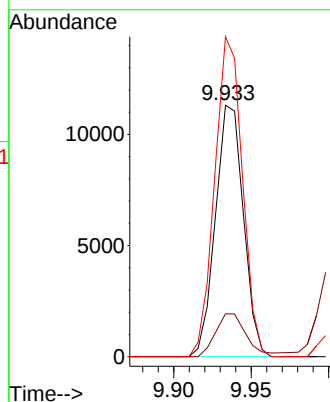
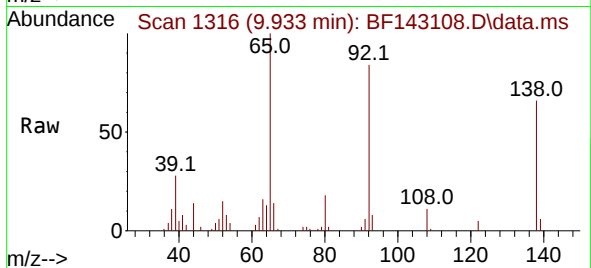
Tgt Ion:138 Resp: 14209

Ion Ratio Lower Upper

138 100

108 17.1 10.1 15.1#

92 127.2 96.4 144.6



#54

2,4-Dinitrophenol

Concen: 7.449 ng

RT: 10.039 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

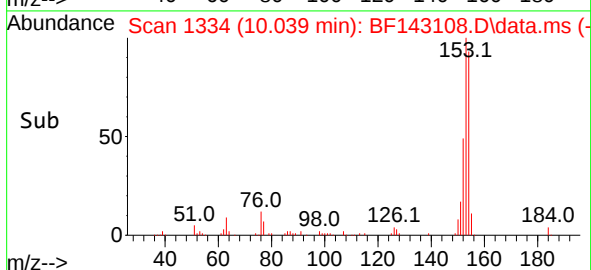
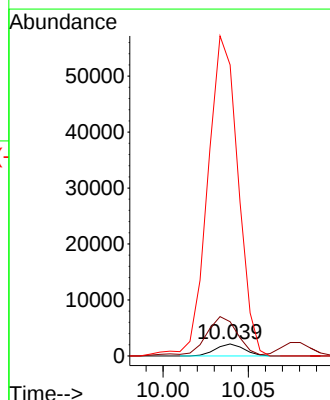
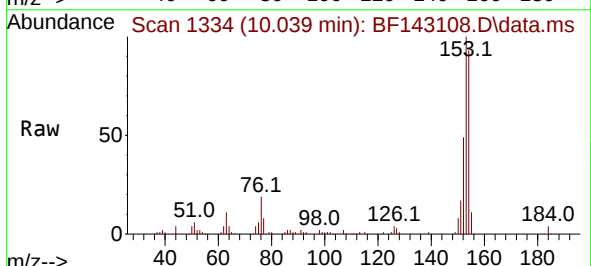
Tgt Ion:184 Resp: 2488

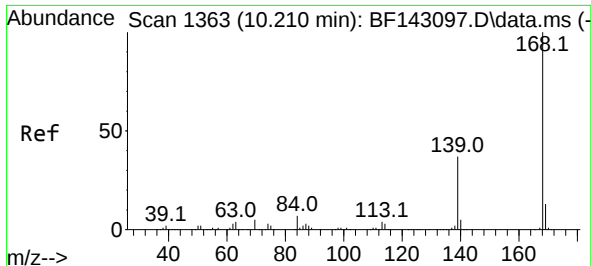
Ion Ratio Lower Upper

184 100

63 286.1 149.3 223.9#

154 2434.8 1048.0 1572.0#

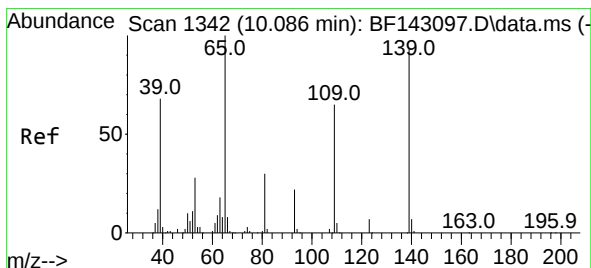
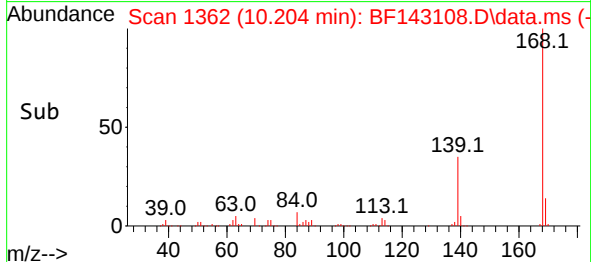
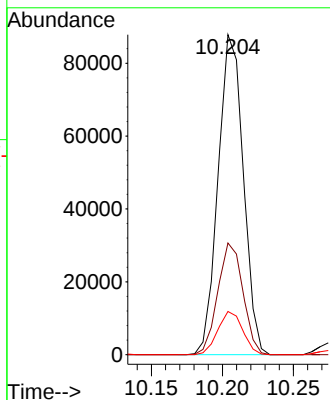
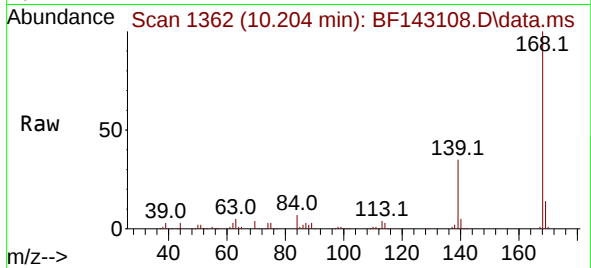




#55
Dibenzenofuran
Concen: 4.628 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

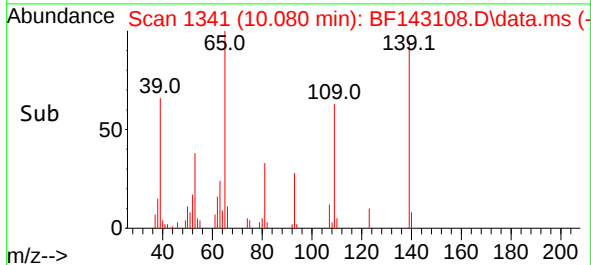
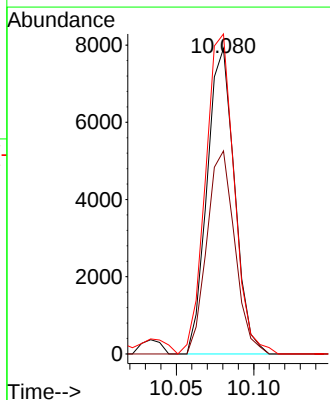
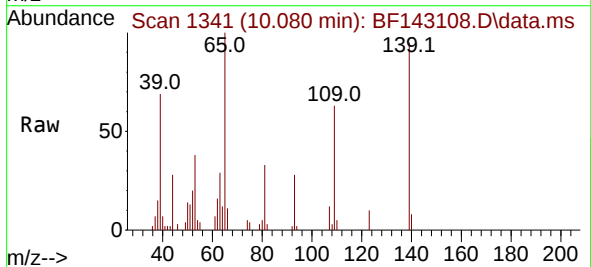
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

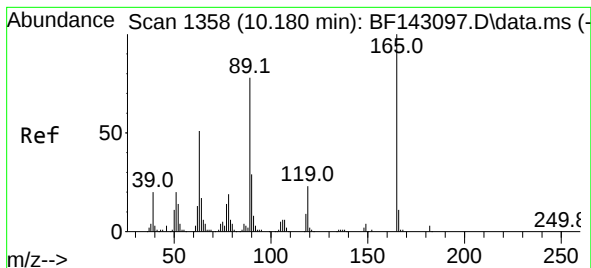
Tgt Ion:168 Resp: 108220
Ion Ratio Lower Upper
168 100
139 34.9 29.8 44.6
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 3.317 ng
RT: 10.080 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:139 Resp: 9759
Ion Ratio Lower Upper
139 100
109 66.5 49.4 89.4
65 104.8 88.2 128.2

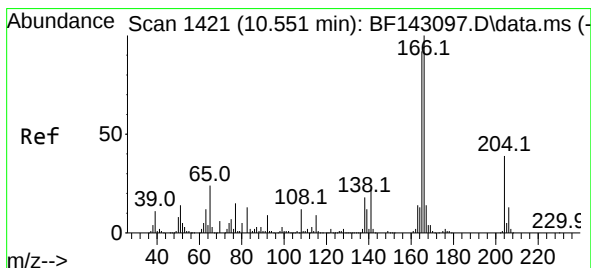
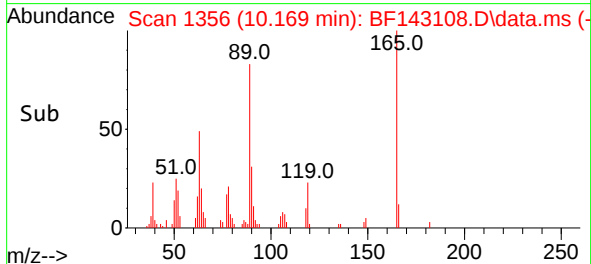
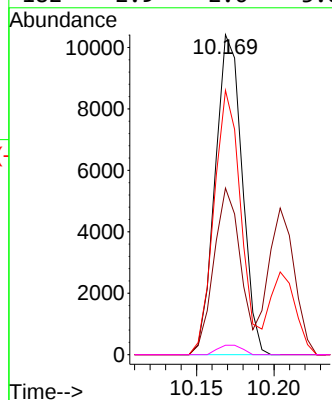
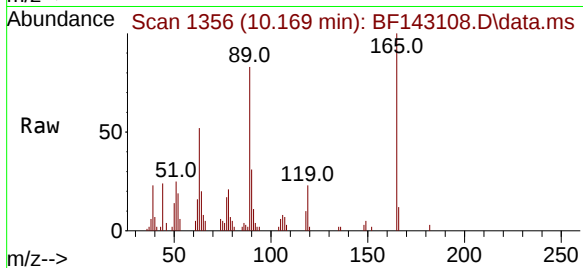




#57
2,4-Dinitrotoluene
Concen: 6.164 ng
RT: 10.169 min Scan# 1356
Delta R.T. -0.011 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

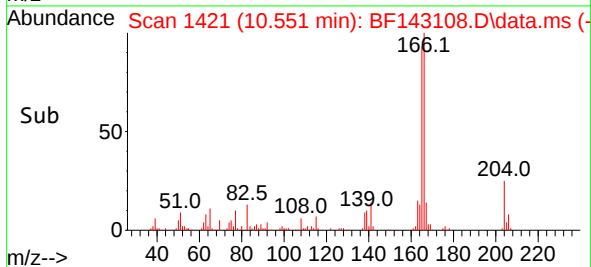
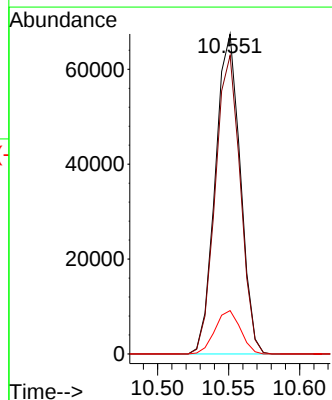
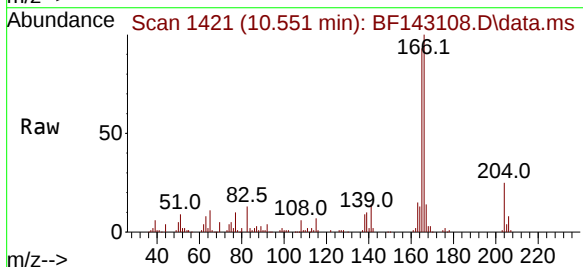
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

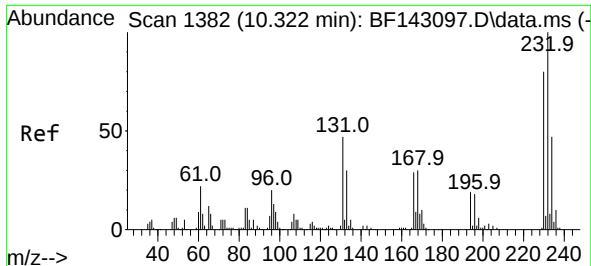
Tgt Ion:165	Resp:	12579
Ion Ratio	Lower	Upper
165	100	
63	52.0	40.6 61.0
89	82.6	62.3 93.5
182	2.9	2.6 3.8



#58
Fluorene
Concen: 4.696 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:166	Resp:	82319
Ion Ratio	Lower	Upper
166	100	
165	93.3	73.7 110.5
167	13.6	10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.246 ng

RT: 10.322 min Scan# 1382

Delta R.T. -0.000 min

Lab File: BF143108.D

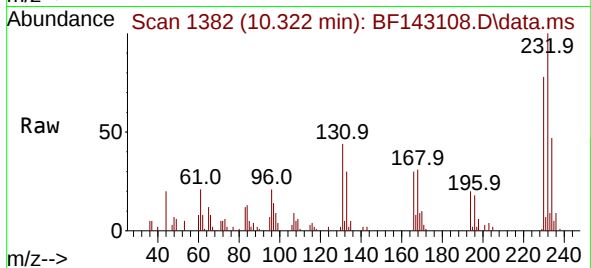
Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025



Tgt Ion:232 Resp: 17445

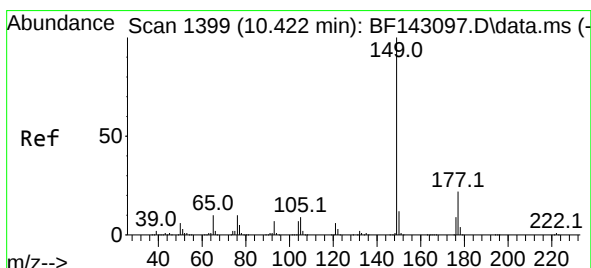
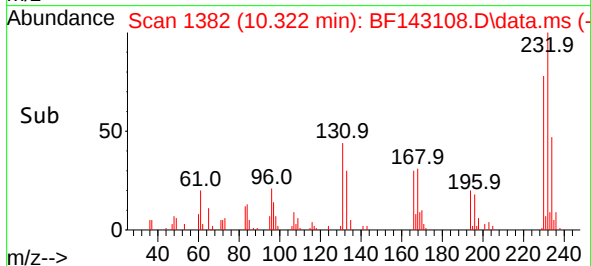
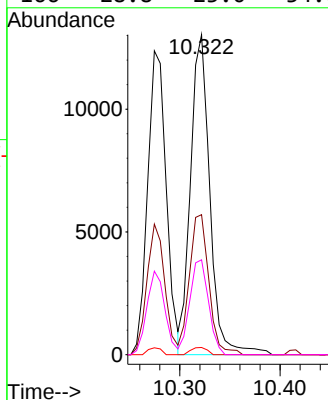
Ion Ratio Lower Upper

232 100

131 44.0 36.9 55.3

130 1.9 1.8 2.8

166 28.8 23.0 34.6



#60

Diethylphthalate

Concen: 4.346 ng

RT: 10.416 min Scan# 1398

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

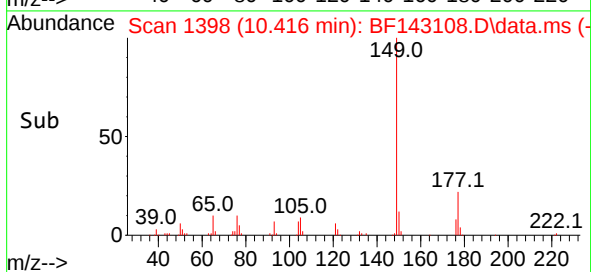
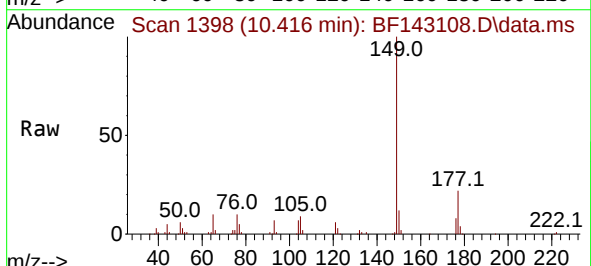
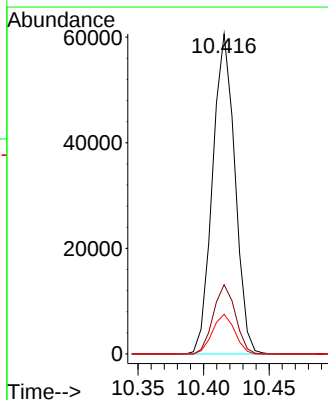
Tgt Ion:149 Resp: 71822

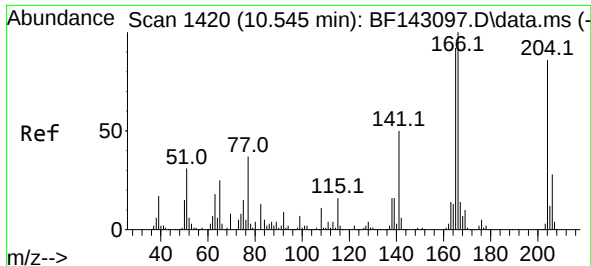
Ion Ratio Lower Upper

149 100

177 21.6 17.3 25.9

150 12.4 9.9 14.9

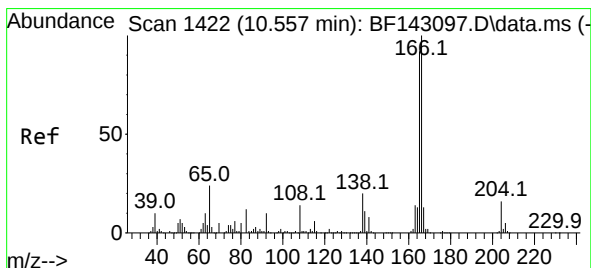
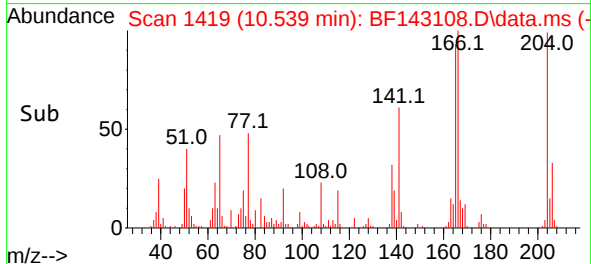
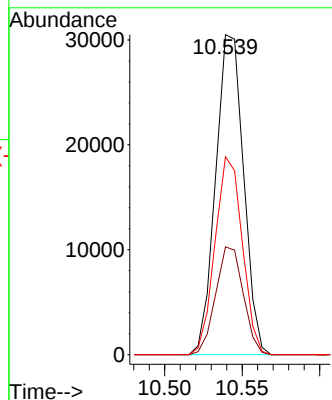
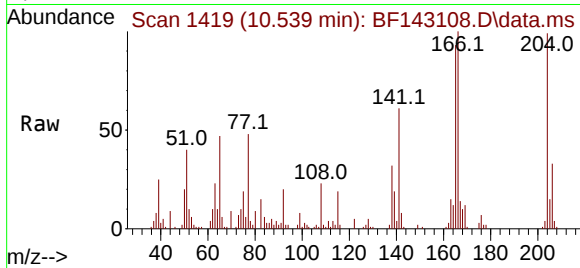




#61
4-Chlorophenyl-phenylether
Concen: 4.555 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

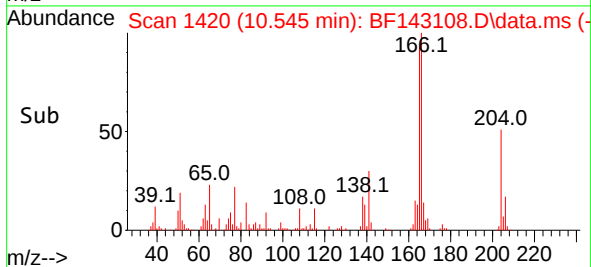
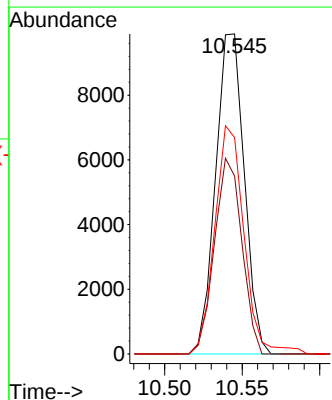
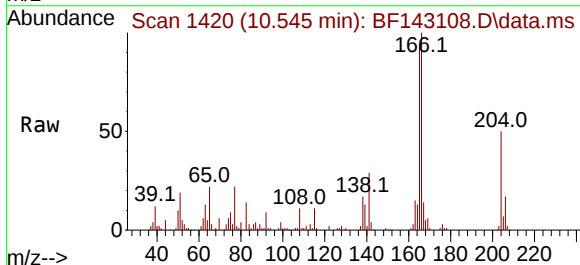
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

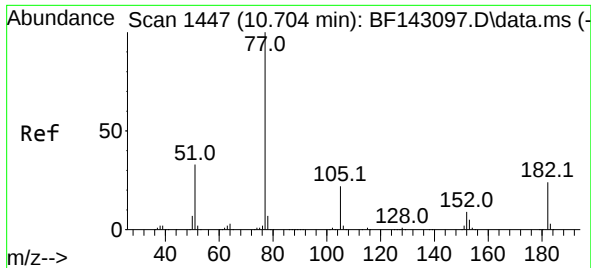
Tgt Ion:204 Resp: 38270
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.6
141 61.9 46.8 70.2



#62
4-Nitroaniline
Concen: 3.963 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:138 Resp: 12756
Ion Ratio Lower Upper
138 100
92 55.6 30.4 70.4
108 67.7 49.5 89.5

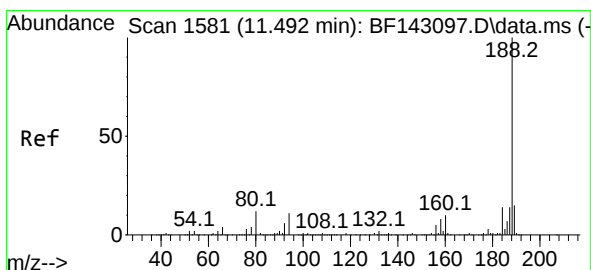
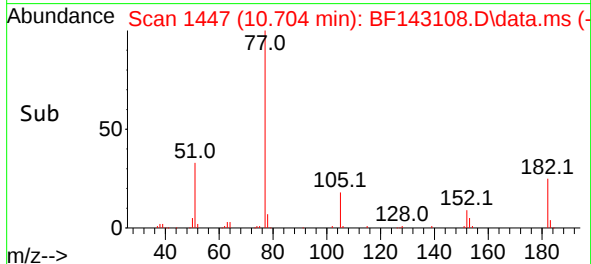
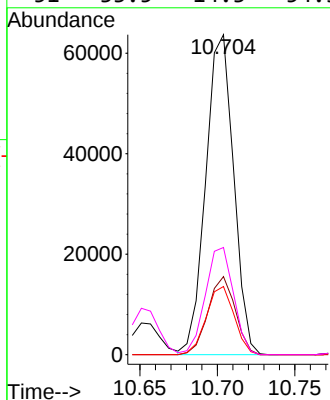
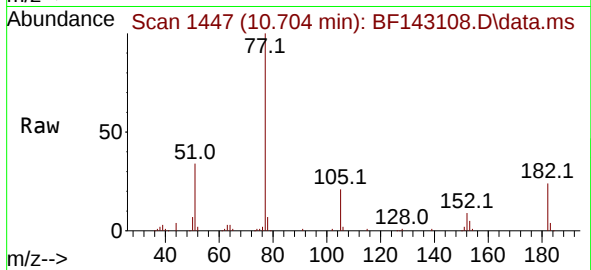




#63
Azobenzene
Concen: 4.362 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

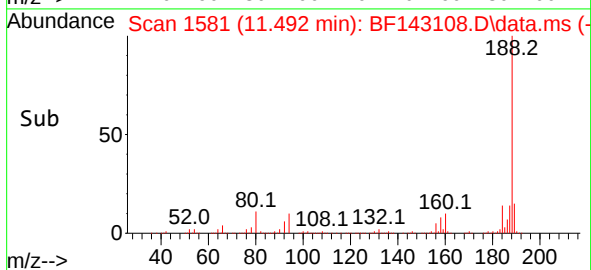
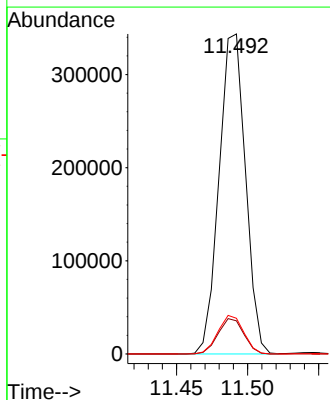
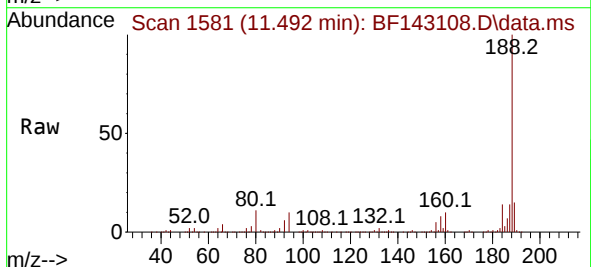
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2025

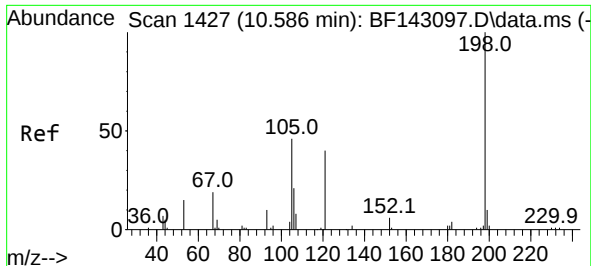
Tgt Ion: 77	Resp: 79730
Ion Ratio	Lower Upper
77 100	
182 24.4	4.0 44.0
105 21.3	1.4 41.4
51 33.5	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:188	Resp: 444663		
Ion Ratio	Lower	Upper	
188 100			
94 10.3	8.6	13.0	
80 11.2	9.3	13.9	

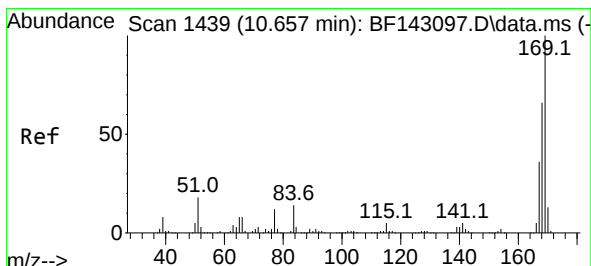
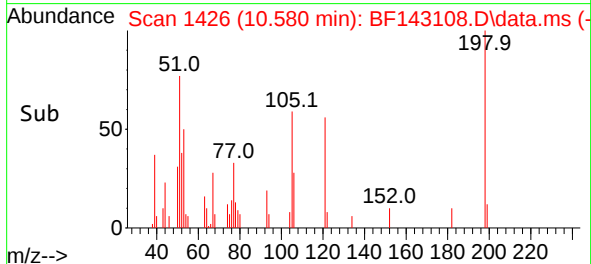
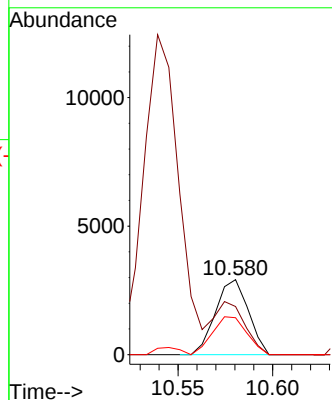
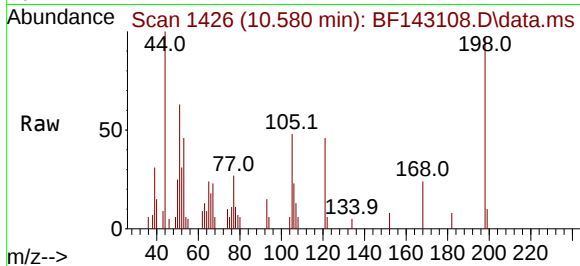




#65
4,6-Dinitro-2-methylphenol
Concen: 7.688 ng
RT: 10.580 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

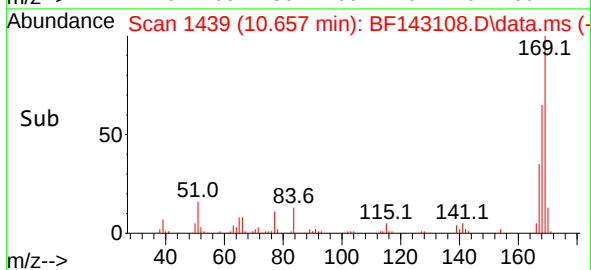
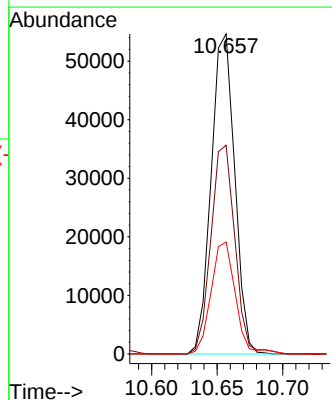
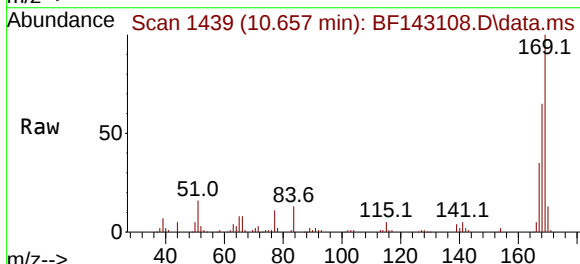
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

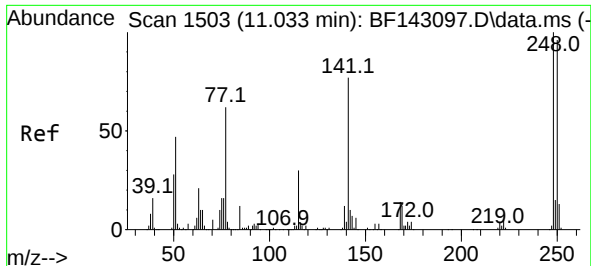
Tgt Ion:198 Resp: 3515
Ion Ratio Lower Upper
198 100
51 64.3 44.6 84.6
105 49.2 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 4.377 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:169 Resp: 68367
Ion Ratio Lower Upper
169 100
168 65.2 53.0 79.6
167 35.0 28.4 42.6





#67

4-Bromophenyl-phenylether

Concen: 4.230 ng

RT: 11.033 min Scan# 1503

Delta R.T. -0.000 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

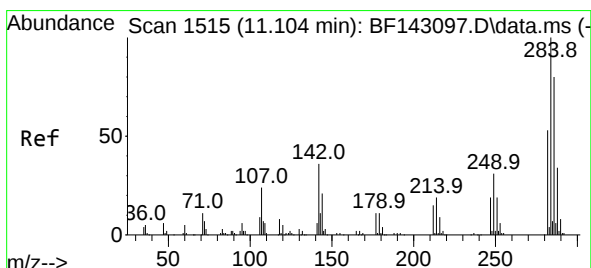
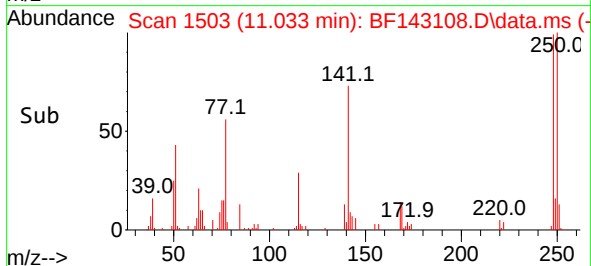
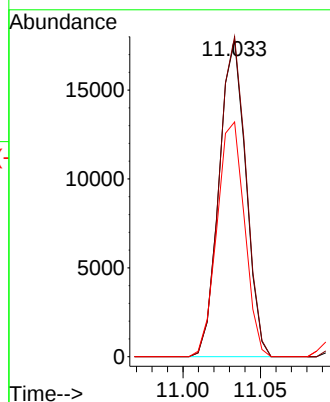
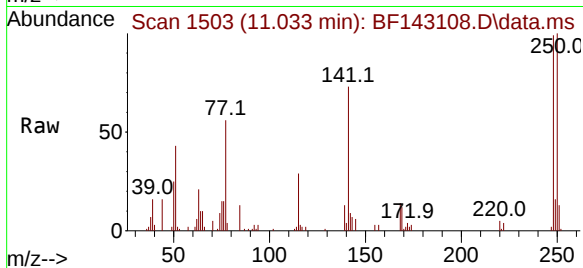
Tgt Ion:248 Resp: 21389

Ion Ratio Lower Upper

248 100

250 101.0 76.7 115.1

141 74.1 61.7 92.5



#68

Hexachlorobenzene

Concen: 4.301 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

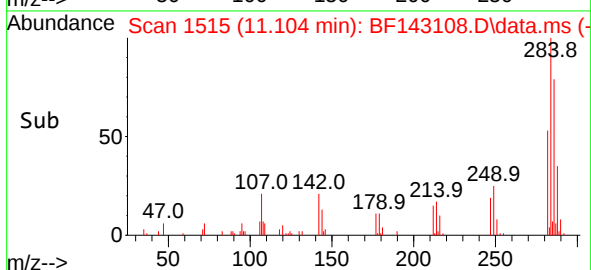
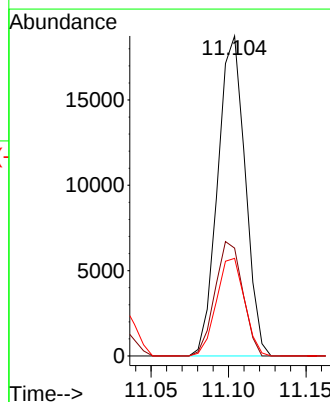
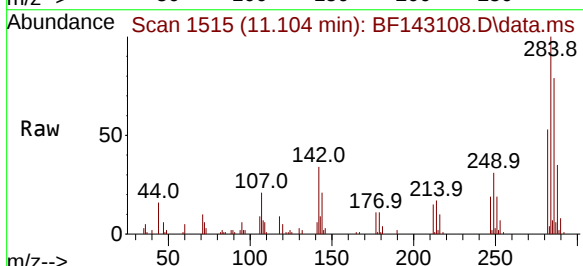
Tgt Ion:284 Resp: 23075

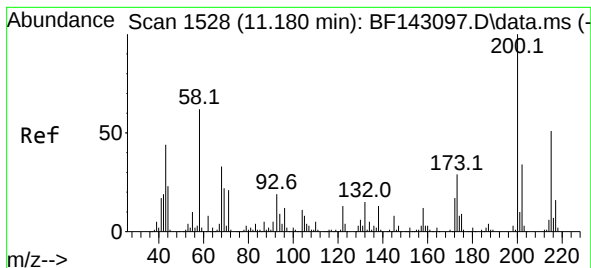
Ion Ratio Lower Upper

284 100

142 33.7 28.9 43.3

249 30.5 24.6 37.0





#69

Atrazine

Concen: 3.874 ng

RT: 11.174 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

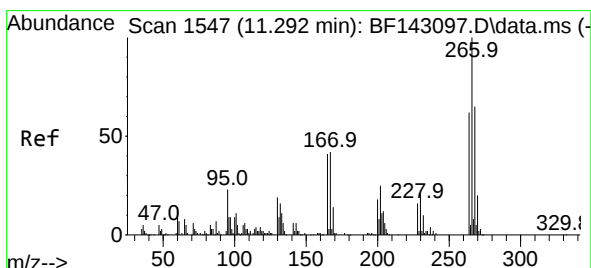
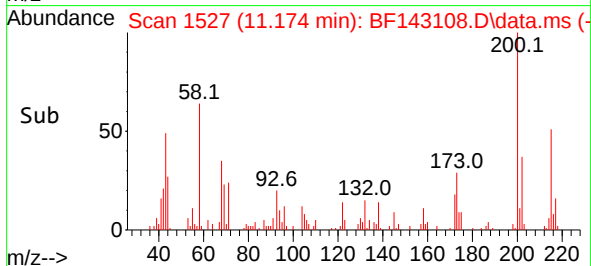
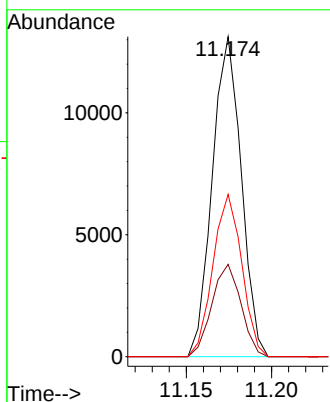
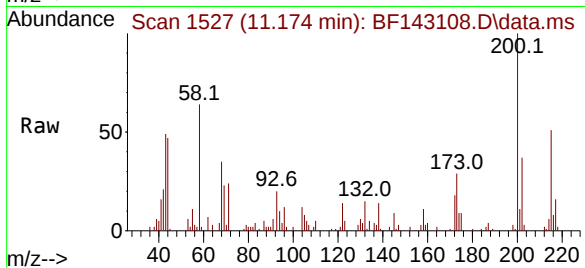
Tgt Ion:200 Resp: 15480

Ion Ratio Lower Upper

200 100

173 28.8 9.1 49.1

215 50.7 31.0 71.0



#70

Pentachlorophenol

Concen: 3.335 ng

RT: 11.286 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

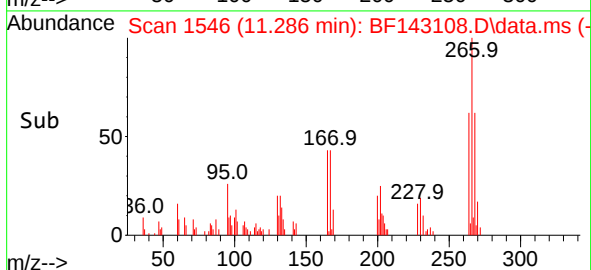
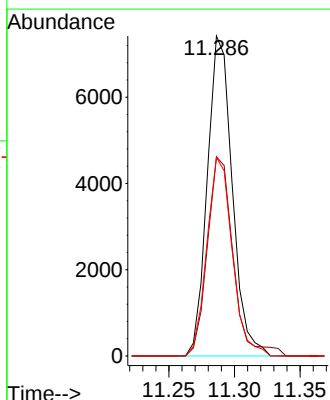
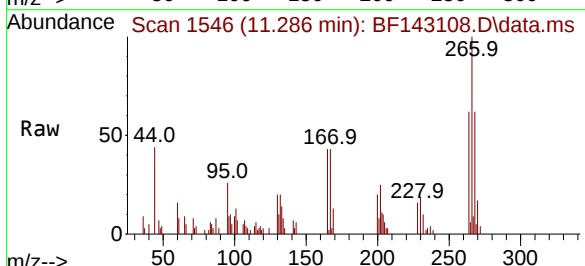
Tgt Ion:266 Resp: 9818

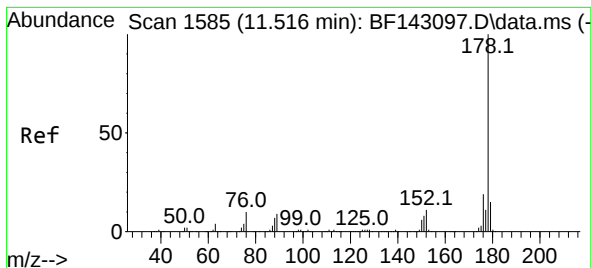
Ion Ratio Lower Upper

266 100

268 62.3 51.8 77.6

264 62.0 49.7 74.5





#71

Phenanthrene

Concen: 4.578 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

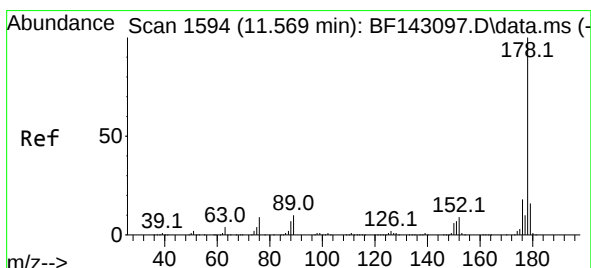
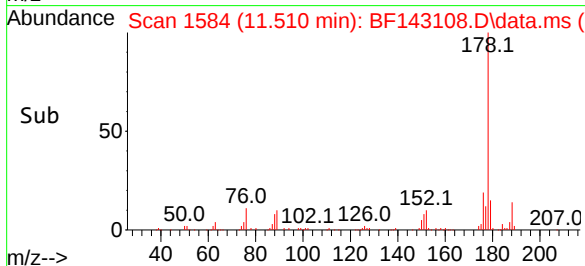
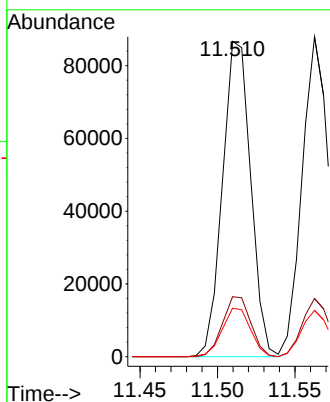
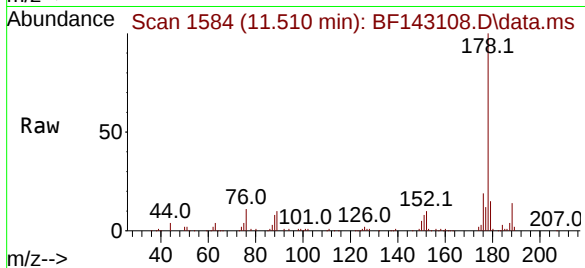
Tgt Ion:178 Resp: 109851

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.4 12.2 18.4



#72

Anthracene

Concen: 4.401 ng

RT: 11.563 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

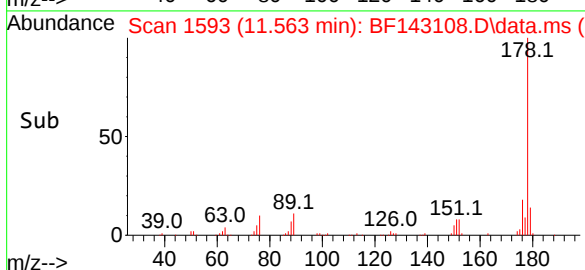
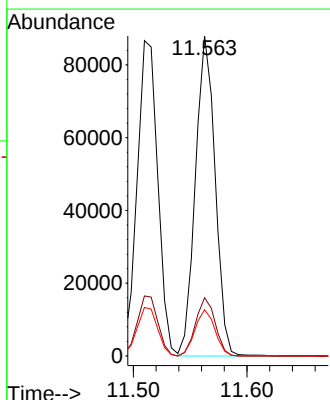
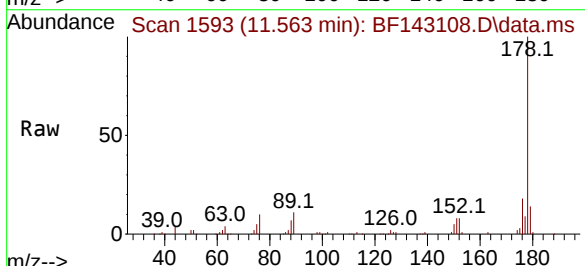
Tgt Ion:178 Resp: 106216

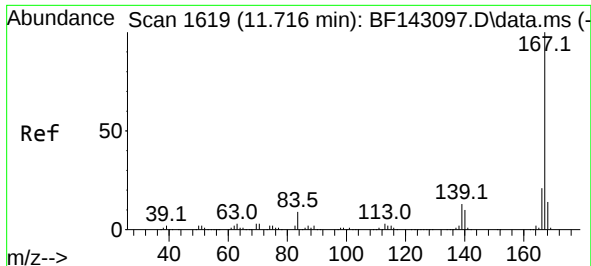
Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

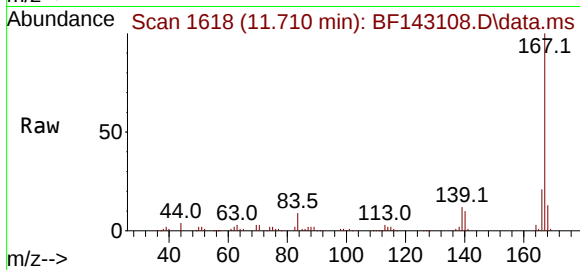
179 14.5 12.4 18.6



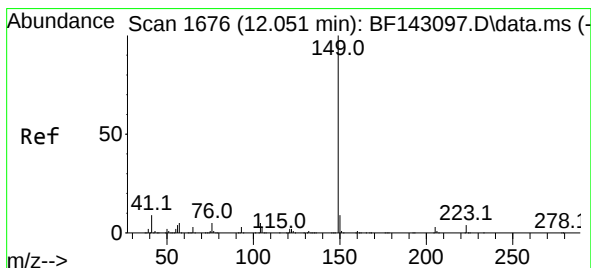
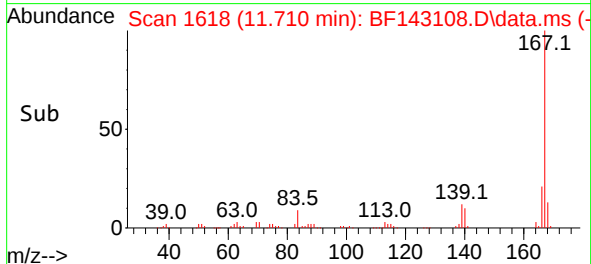
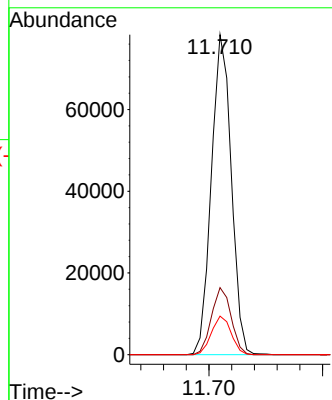


#73
Carbazole
Concen: 4.411 ng
RT: 11.710 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

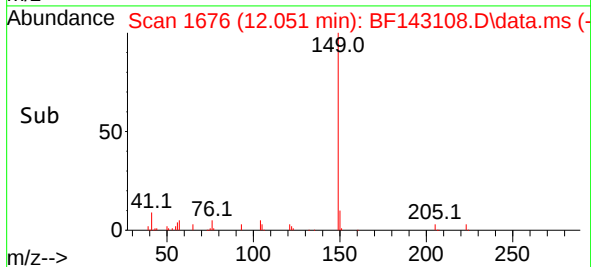
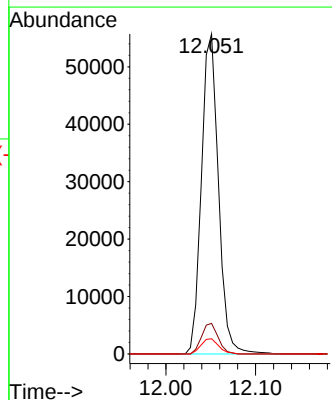
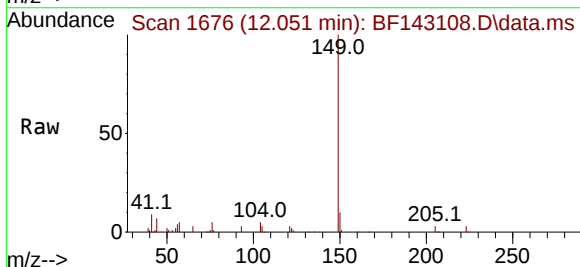


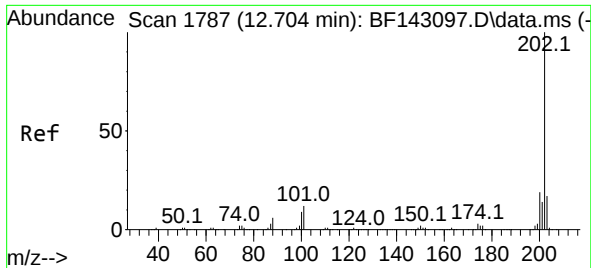
Tgt Ion:167 Resp: 95358
Ion Ratio Lower Upper
167 100
166 20.9 17.0 25.4
139 12.1 10.2 15.4



#74
Di-n-butylphthalate
Concen: 3.695 ng
RT: 12.051 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:149 Resp: 73329
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 4.8 3.8 5.8

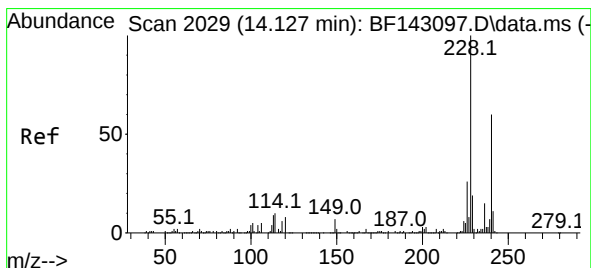
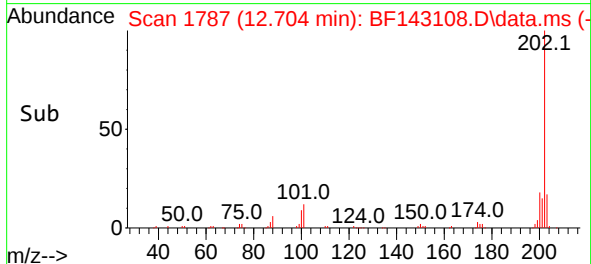
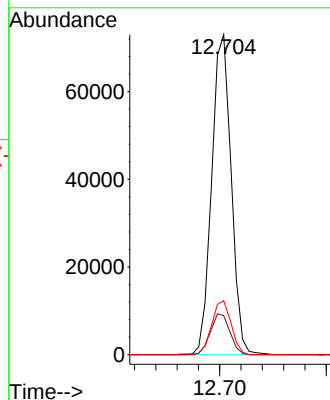
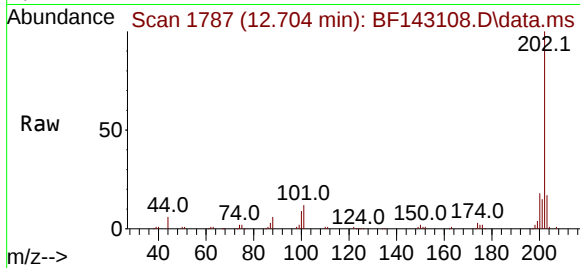




#75
Fluoranthene
Concen: 4.238 ng
RT: 12.704 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

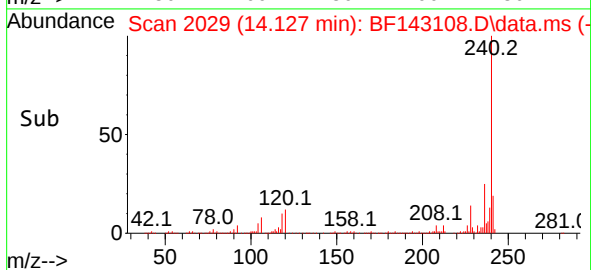
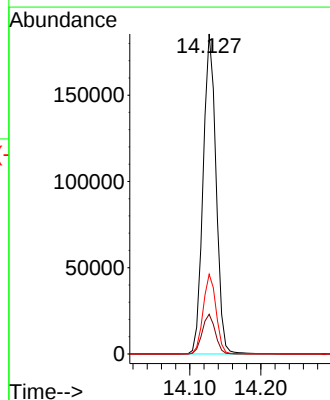
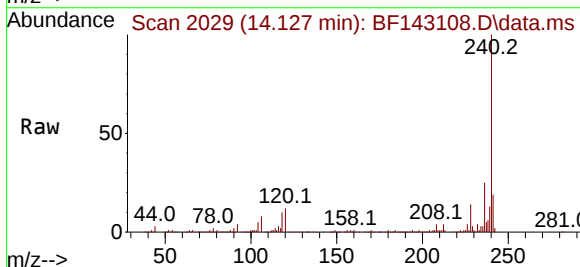
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

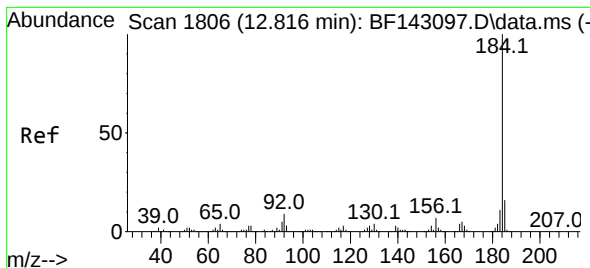
Tgt Ion:	202	Resp:	92470
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.4
203	16.9	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:	240	Resp:	235543
Ion Ratio	Lower	Upper	
240	100		
120	12.4	10.0	15.0
236	24.9	20.0	30.0





#77

Benzidine

Concen: 3.677 ng

RT: 12.816 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

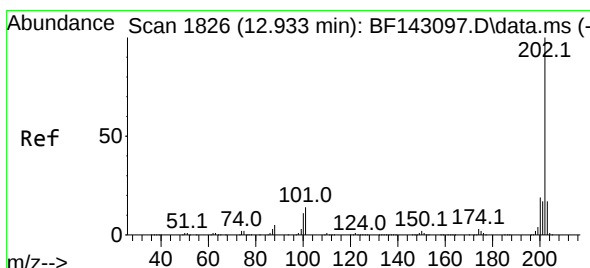
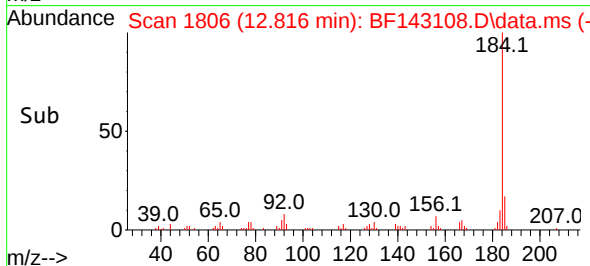
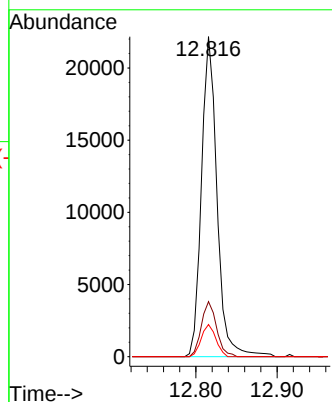
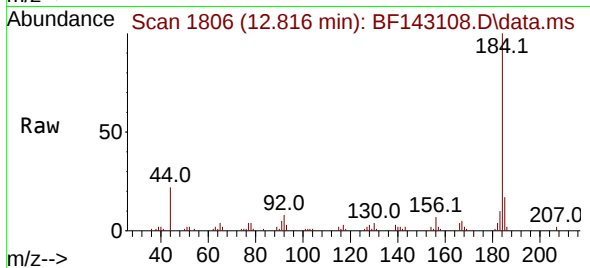
Tgt Ion:184 Resp: 29505

Ion Ratio Lower Upper

184 100

185 17.2 12.4 18.6

183 10.0 8.6 12.8



#78

Pyrene

Concen: 4.464 ng

RT: 12.933 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

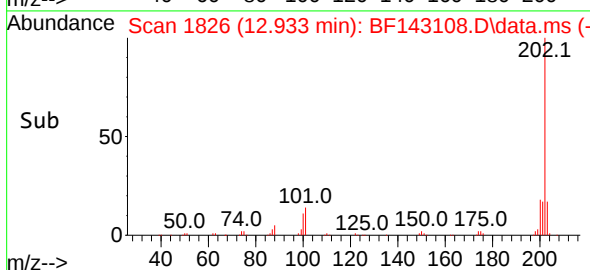
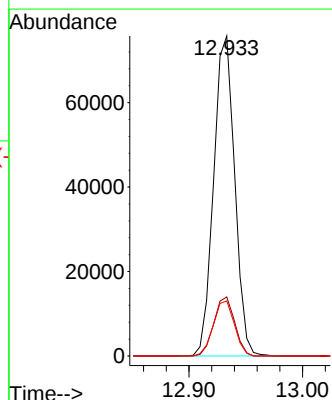
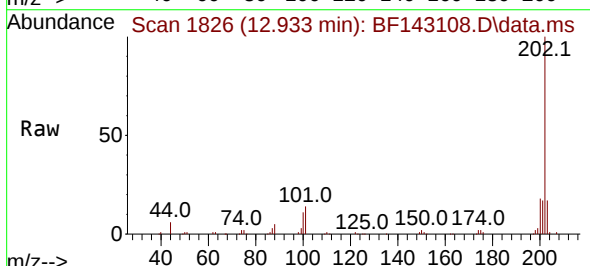
Tgt Ion:202 Resp: 97548

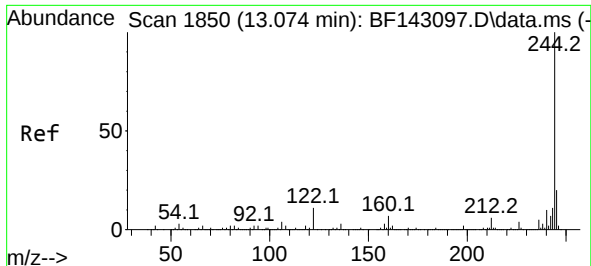
Ion Ratio Lower Upper

202 100

200 18.5 15.5 23.3

203 17.2 14.0 21.0

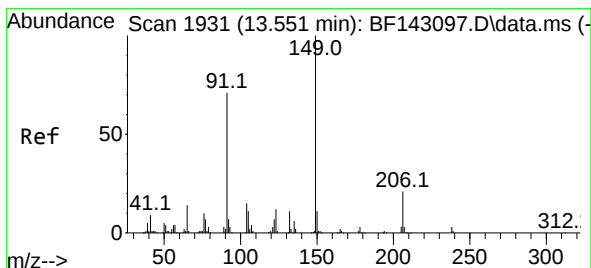
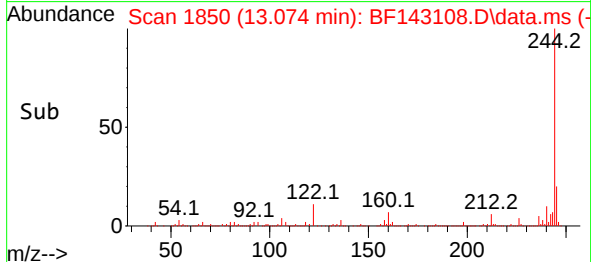
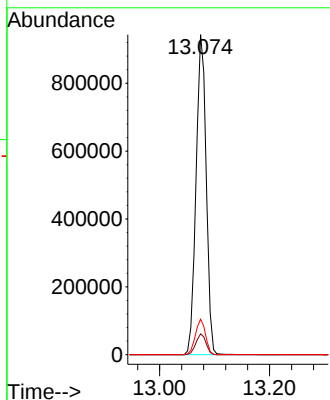
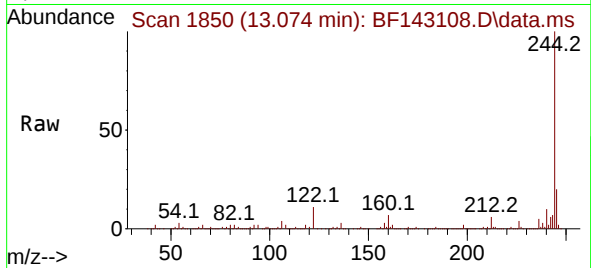




#79
 Terphenyl-d14
 Concen: 75.012 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143108.D
 Acq: 16 Jul 2025 12:07

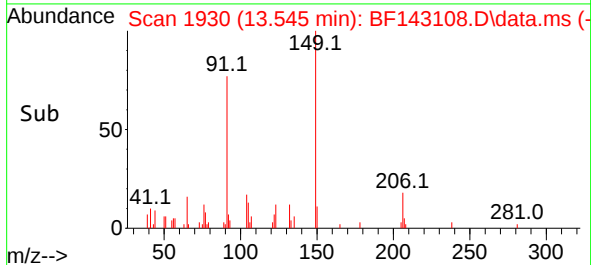
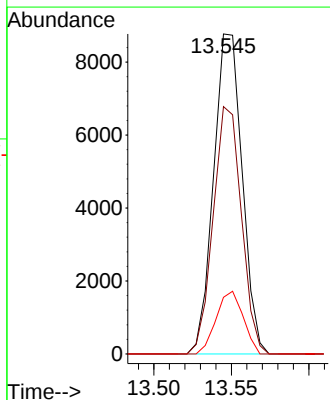
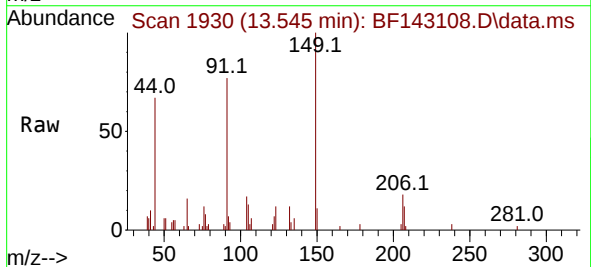
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

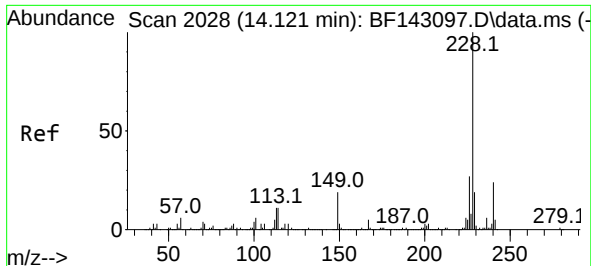
Tgt Ion:244 Resp: 1208673
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 11.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 5.796 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF143108.D
 Acq: 16 Jul 2025 12:07

Tgt Ion:149 Resp: 11270
 Ion Ratio Lower Upper
 149 100
 91 77.3 57.0 85.4
 206 17.7 17.2 25.8

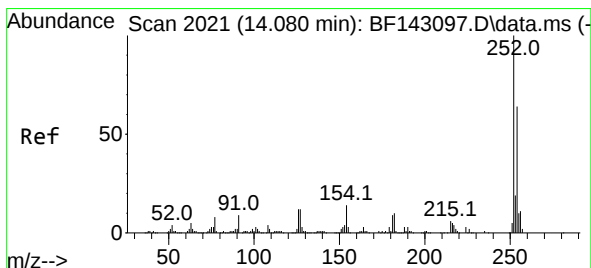
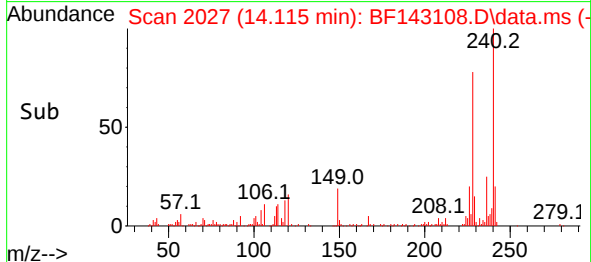
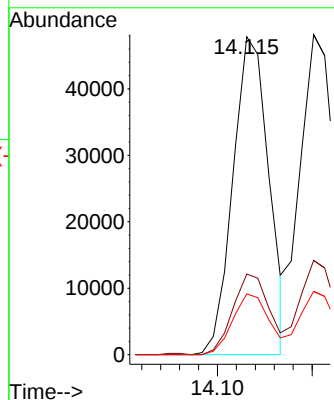
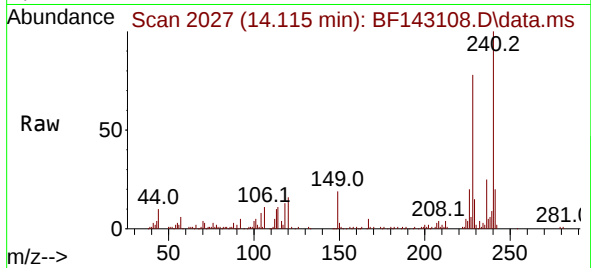




#81
Benzo(a)anthracene
Concen: 4.021 ng
RT: 14.115 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

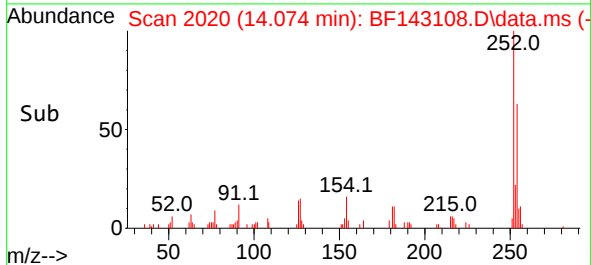
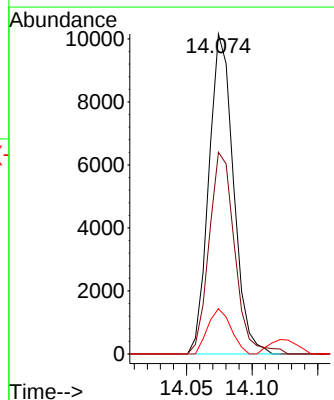
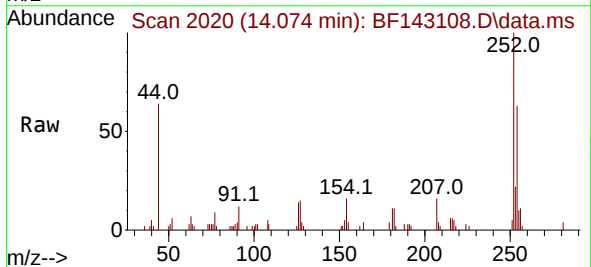
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

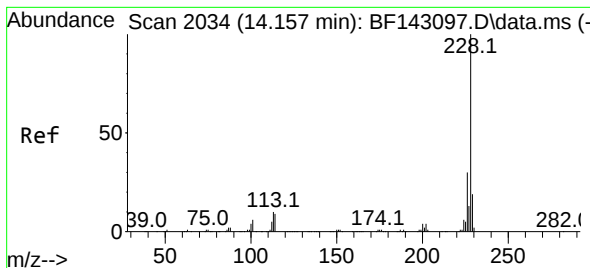
Tgt Ion:228 Resp: 63108
Ion Ratio Lower Upper
228 100
226 25.4 21.3 31.9
229 19.1 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 2.911 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:252 Resp: 13267
Ion Ratio Lower Upper
252 100
254 63.1 51.5 77.3
126 14.2 9.4 14.0#





#83

Chrysene

Concen: 4.363 ng

RT: 14.151 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

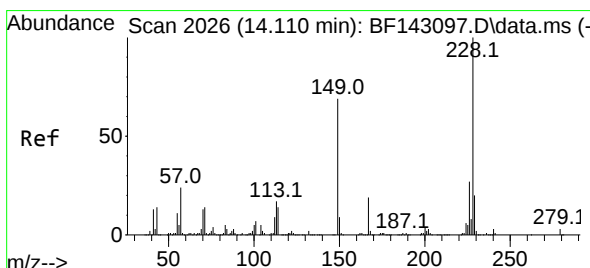
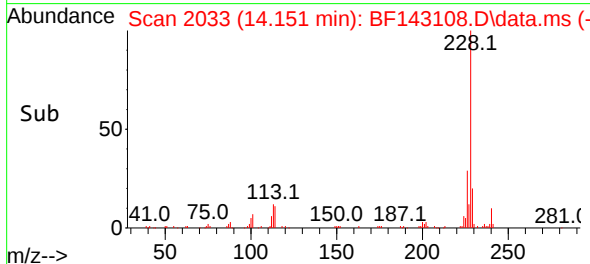
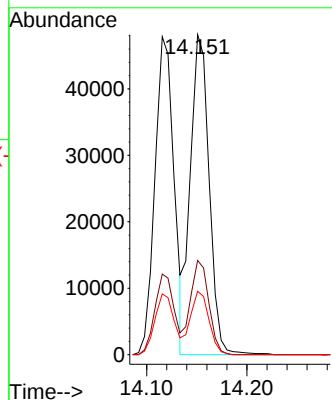
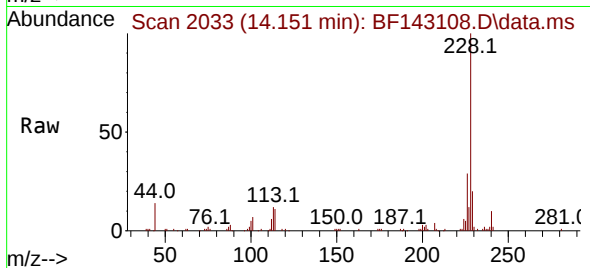
Tgt Ion:228 Resp: 63069

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

229 19.8 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.805 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

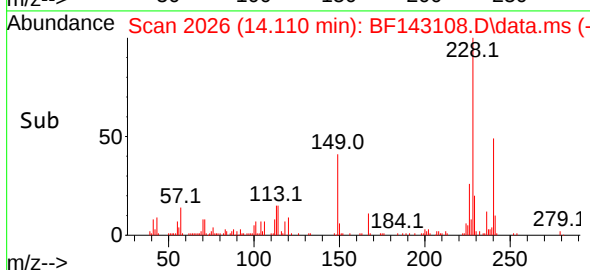
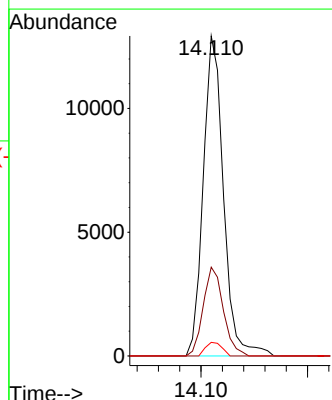
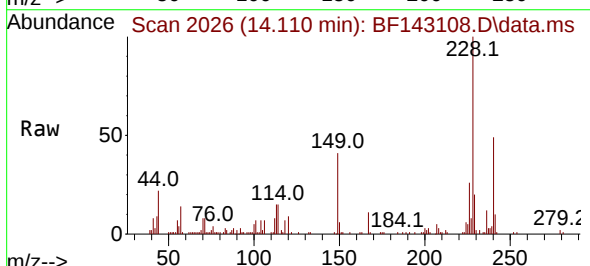
Tgt Ion:149 Resp: 17064

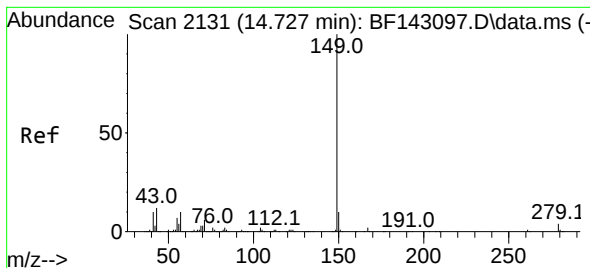
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 8.385 ng

RT: 14.727 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF143108.D

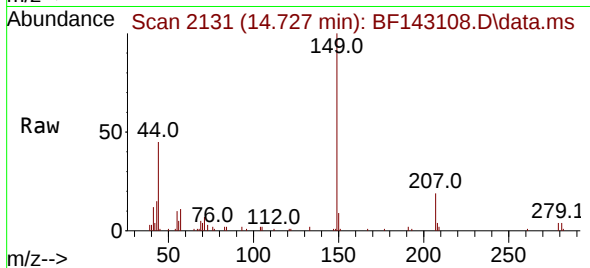
Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025



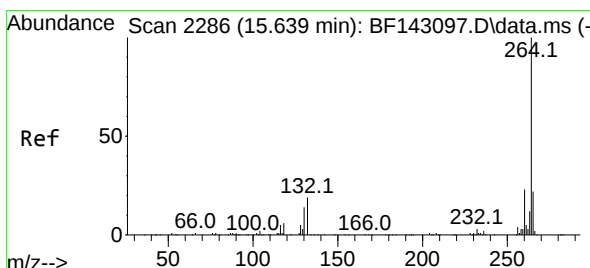
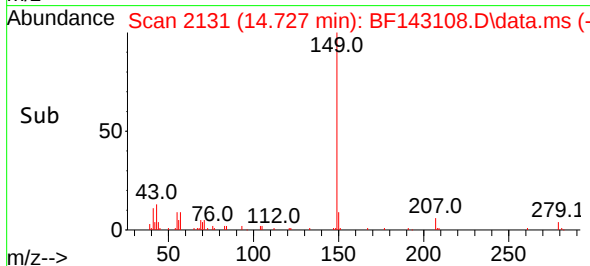
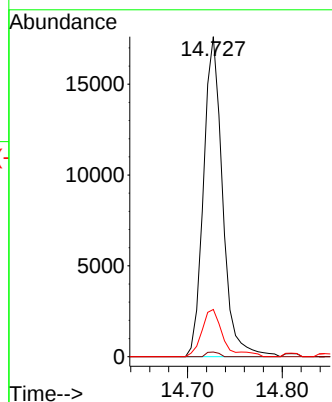
Tgt Ion:149 Resp: 24663

Ion Ratio Lower Upper

149 100

167 1.0 1.2 1.8#

43 16.4 10.6 16.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

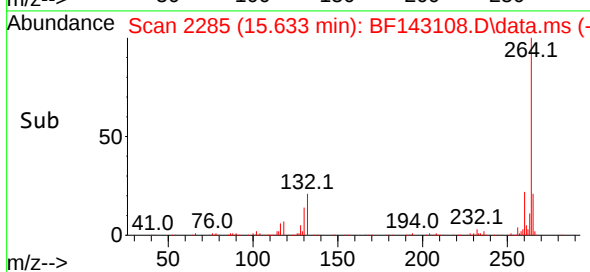
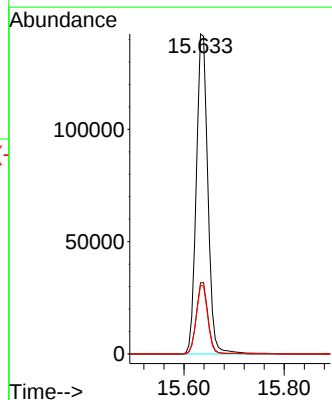
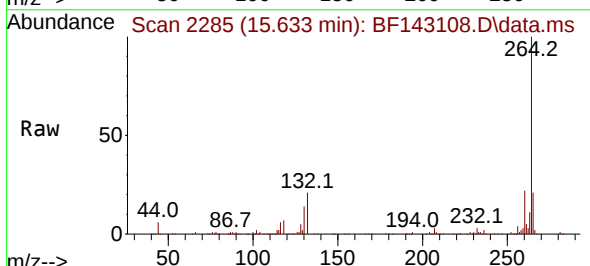
Tgt Ion:264 Resp: 227368

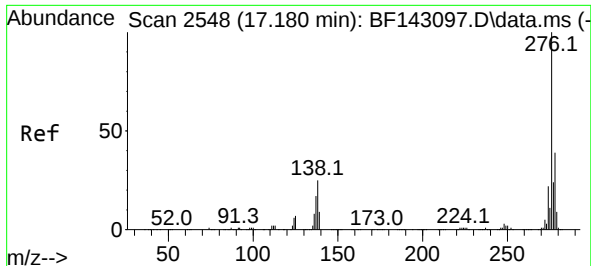
Ion Ratio Lower Upper

264 100

260 22.2 18.5 27.7

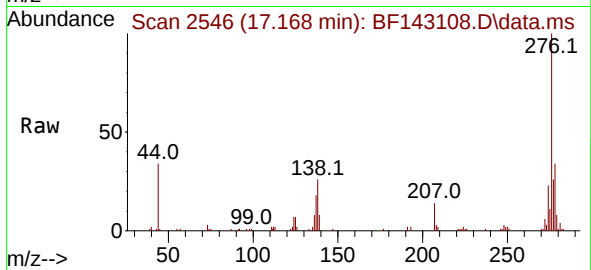
265 21.4 17.5 26.3



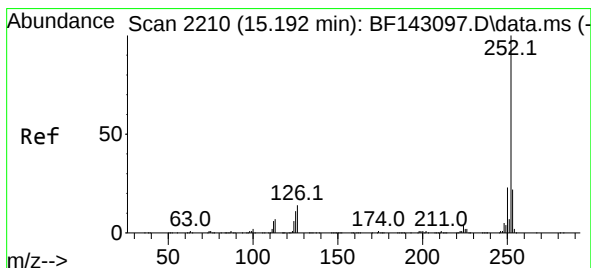
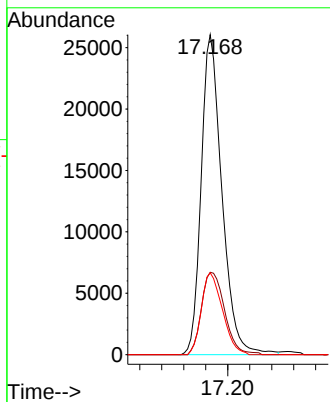
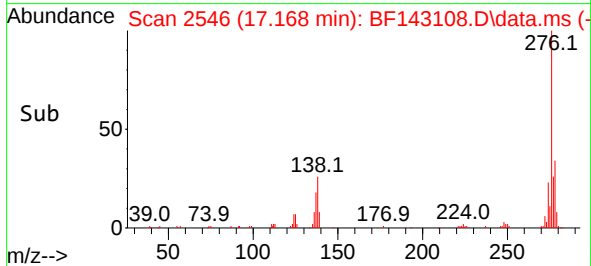


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.041 ng
RT: 17.168 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2025

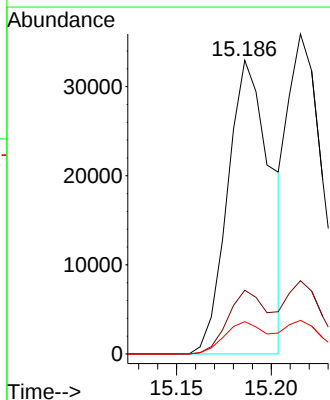
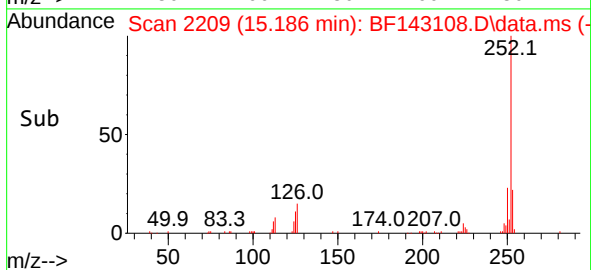
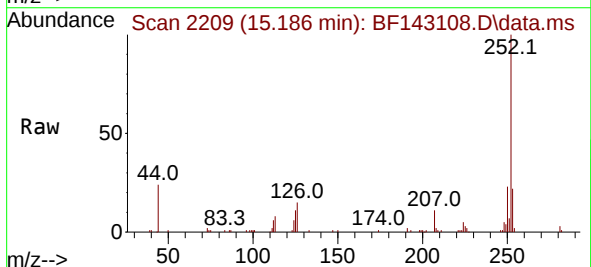


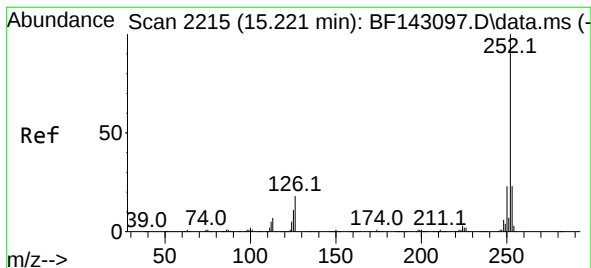
Tgt Ion:276 Resp: 68340
Ion Ratio Lower Upper
276 100
138 28.7 22.6 34.0
277 25.9 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 3.956 ng
RT: 15.186 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:252 Resp: 51884
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.0 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 3.825 ng

RT: 15.215 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

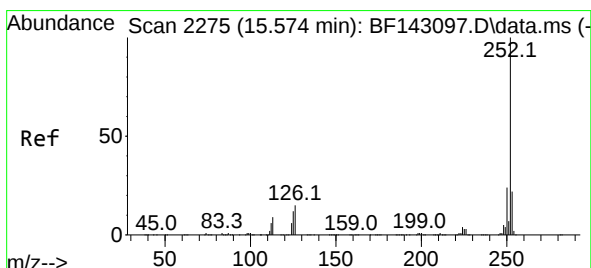
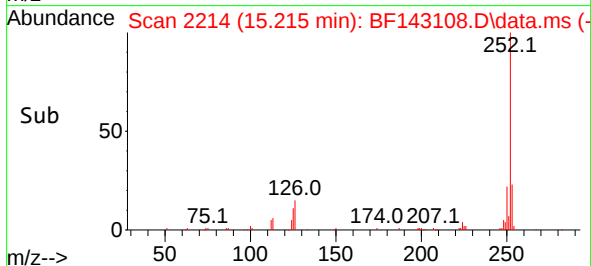
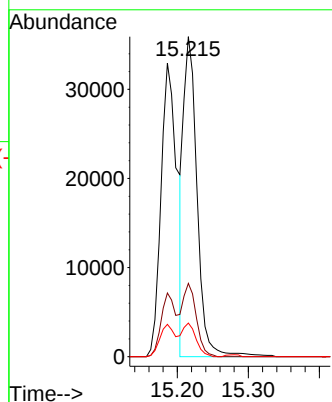
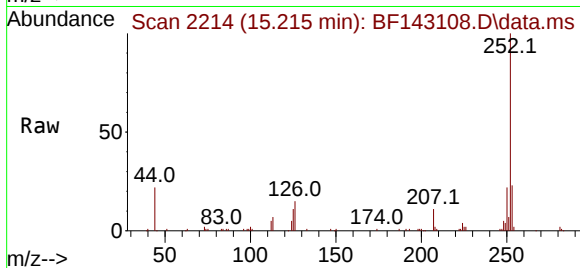
Tgt Ion:252 Resp: 47857

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 10.5 8.5 12.7



#90

Benzo(a)pyrene

Concen: 3.695 ng

RT: 15.568 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF143108.D

Acq: 16 Jul 2025 12:07

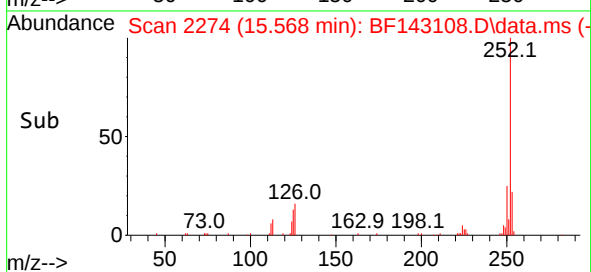
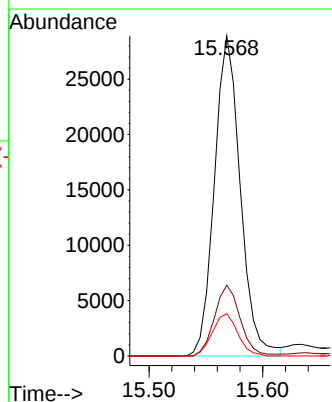
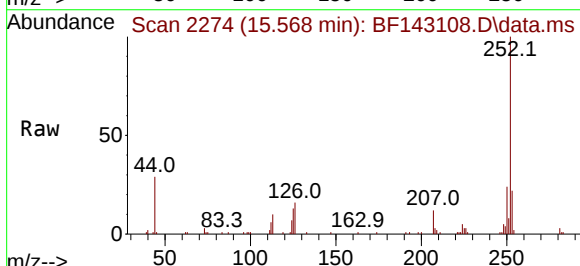
Tgt Ion:252 Resp: 45828

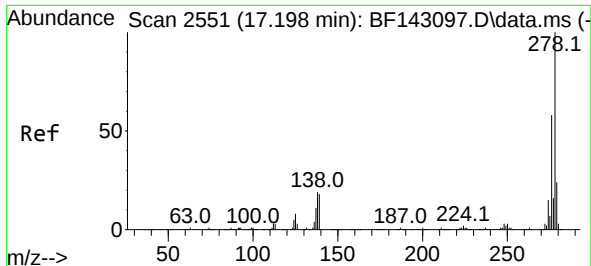
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 13.2 9.4 14.0

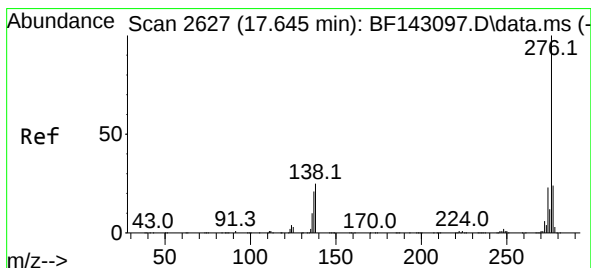
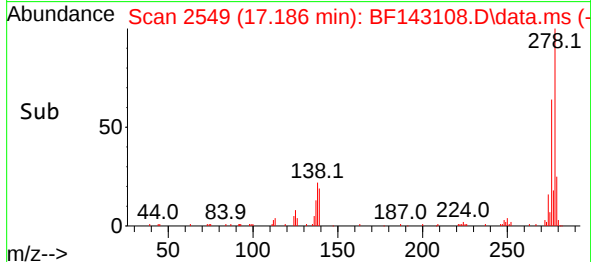
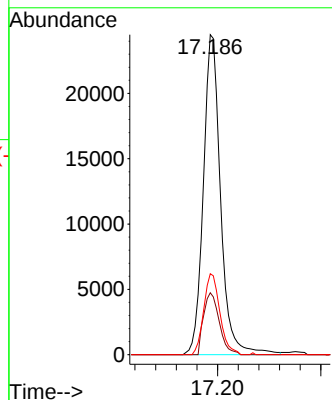
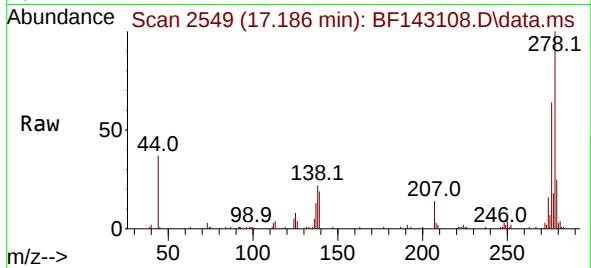




#91
Dibenzo(a,h)anthracene
Concen: 4.112 ng
RT: 17.186 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion:278 Resp: 56845
Ion Ratio Lower Upper
278 100
139 19.4 14.6 22.0
279 25.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 4.046 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.018 min
Lab File: BF143108.D
Acq: 16 Jul 2025 12:07

Tgt Ion:276 Resp: 57030
Ion Ratio Lower Upper
276 100
277 25.4 19.2 28.8
138 27.1 19.8 29.6

