

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143109.D
 Acq On : 16 Jul 2025 12:36
 Operator : RC/JU
 Sample : Q2126-08
 Misc : LOQ-WATER-10 PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jul 16 13:01:22 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	129256	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	496228	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	249421	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	416328	20.000	ng	0.00
76) Chrysene-d12	14.127	240	228100	20.000	ng	0.00
86) Perylene-d12	15.633	264	213644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	920178	112.476	ng	0.00
7) Phenol-d6	6.587	99	1182987	115.036	ng	0.00
23) Nitrobenzene-d5	7.522	82	763836	86.351	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	297653	133.839	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1400571	74.643	ng	0.00
79) Terphenyl-d14	13.074	244	1278389	81.927	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	38764	9.519	ng	99
3) Pyridine	3.604	79	96814	9.388	ng	98
4) n-Nitrosodimethylamine	3.510	42	48719	9.118	ng	100
6) Aniline	6.628	93	141836	9.794	ng	100
8) 2-Chlorophenol	6.751	128	85416	10.392	ng	90
9) Benzaldehyde	6.516	77	75913	9.688	ng	99
10) Phenol	6.598	94	117976	10.597	ng	85
11) bis(2-Chloroethyl)ether	6.698	93	85305	9.898	ng	98
12) 1,3-Dichlorobenzene	6.910	146	92910	10.005	ng	99
13) 1,4-Dichlorobenzene	6.987	146	95587	10.232	ng	99
14) 1,2-Dichlorobenzene	7.139	146	89706	10.069	ng	99
15) Benzyl Alcohol	7.092	79	74222	9.741	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	157722	9.928	ng	99
17) 2-Methylphenol	7.204	107	69827	9.844	ng	98
18) Hexachloroethane	7.487	117	30557	10.047	ng	100
19) n-Nitroso-di-n-propyla...	7.369	70	65363	10.375	ng	98
20) 3+4-Methylphenols	7.351	107	91537	10.523	ng	# 82
22) Acetophenone	7.363	105	125009	10.450	ng	94
24) Nitrobenzene	7.539	77	92610	10.845	ng	99
25) Isophorone	7.775	82	168099	9.832	ng	98
26) 2-Nitrophenol	7.857	139	27668	11.374	ng	96
27) 2,4-Dimethylphenol	7.886	122	80153	10.101	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	104397	10.069	ng	98
29) 2,4-Dichlorophenol	8.092	162	67624	10.416	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	74134	10.062	ng	99
31) Naphthalene	8.269	128	253308	10.280	ng	99
32) Benzoic acid	7.939	122	21405	11.199	ng	94
33) 4-Chloroaniline	8.310	127	100809	10.173	ng	97
34) Hexachlorobutadiene	8.392	225	44687	10.142	ng	98
35) Caprolactam	8.633	113	19307	9.524	ng	95
36) 4-Chloro-3-methylphenol	8.775	107	72167	9.979	ng	99
37) 2-Methylnaphthalene	8.957	142	150563	10.242	ng	99
38) 1-Methylnaphthalene	9.057	142	159285	10.447	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	74908	10.306	ng	99
41) Hexachlorocyclopentadiene	9.122	237	35717	8.863	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	46564	10.310	ng	98

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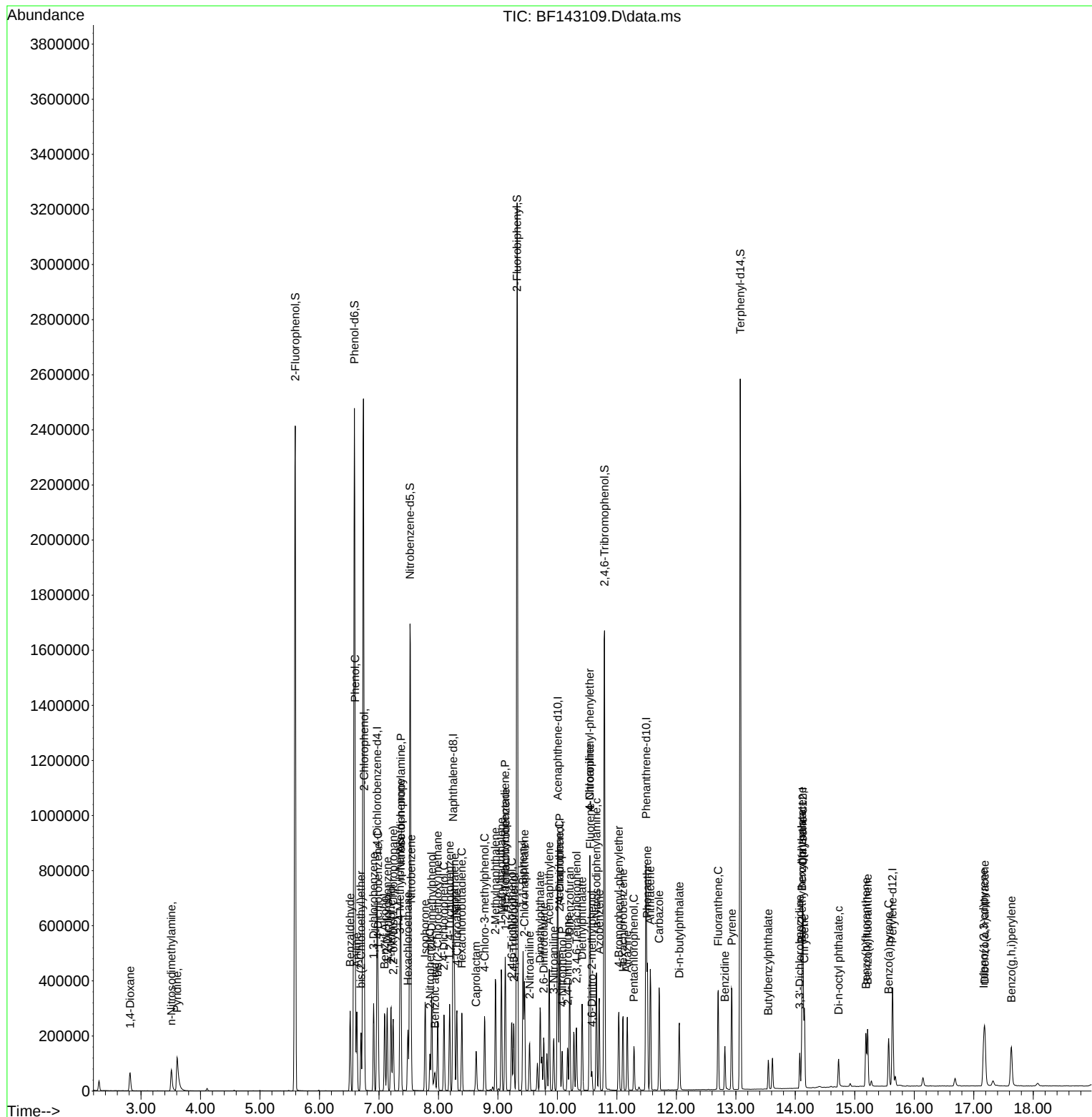
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	47629	10.057	ng	97
46) 1,1'-Biphenyl	9.422	154	208663	10.490	ng	99
47) 2-Chloronaphthalene	9.445	162	149753	10.248	ng	100
48) 2-Nitroaniline	9.533	65	36838	11.061	ng	97
49) Acenaphthylene	9.863	152	249988	10.267	ng	100
50) Dimethylphthalate	9.710	163	162681	10.367	ng	100
51) 2,6-Dinitrotoluene	9.769	165	27002	10.997	ng	97
52) Acenaphthene	10.033	154	148112	10.308	ng	99
53) 3-Nitroaniline	9.939	138	34150	10.072	ng	98
54) 2,4-Dinitrophenol	10.039	184	6303	11.928	ng	# 1
55) Dibenzofuran	10.204	168	222080	10.369	ng	99
56) 4-Nitrophenol	10.080	139	24959	9.262	ng	97
57) 2,4-Dinitrotoluene	10.175	165	32412	11.177	ng	98
58) Fluorene	10.551	166	172021	10.713	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	38880	10.331	ng	98
60) Diethylphthalate	10.416	149	155375	10.263	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	80374	10.444	ng	99
62) 4-Nitroaniline	10.545	138	30817	10.451	ng	99
63) Azobenzene	10.704	77	170119	10.161	ng	98
65) 4,6-Dinitro-2-methylph...	10.580	198	10063	12.139	ng	99
66) n-Nitrosodiphenylamine	10.657	169	145409	9.943	ng	98
67) 4-Bromophenyl-phenylether	11.033	248	46647	9.852	ng	98
68) Hexachlorobenzene	11.104	284	48751	9.704	ng	97
69) Atrazine	11.175	200	36465	9.746	ng	99
70) Pentachlorophenol	11.286	266	23980	8.701	ng	98
71) Phenanthrene	11.510	178	230120	10.242	ng	99
72) Anthracene	11.563	178	228958	10.133	ng	99
73) Carbazole	11.710	167	202722	10.015	ng	99
74) Di-n-butylphthalate	12.051	149	183291	9.865	ng	99
75) Fluoranthene	12.704	202	210821	10.319	ng	99
77) Benzidine	12.816	184	80620	10.374	ng	97
78) Pyrene	12.933	202	215266	10.171	ng	99
80) Butylbenzylphthalate	13.545	149	30087	9.984	ng	93
81) Benzo(a)anthracene	14.116	228	145487	9.572	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	37045	8.393	ng	99
83) Chrysene	14.151	228	139923	9.995	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	43837	9.761	ng	99
85) Di-n-octyl phthalate	14.727	149	70986	11.726	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	153175	9.640	ng	100
88) Benzo(b)fluoranthene	15.186	252	122931	9.975	ng	98
89) Benzo(k)fluoranthene	15.215	252	107080	9.108	ng	99
90) Benzo(a)pyrene	15.568	252	108013	9.267	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	124603	9.592	ng	99
92) Benzo(g,h,i)perylene	17.633	276	126754	9.571	ng	97

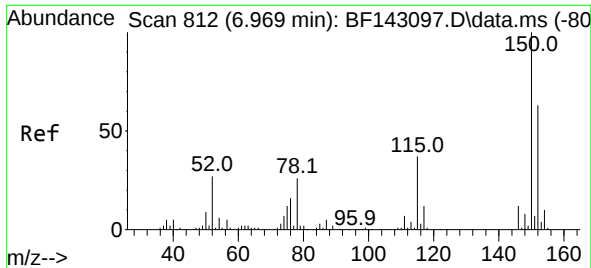
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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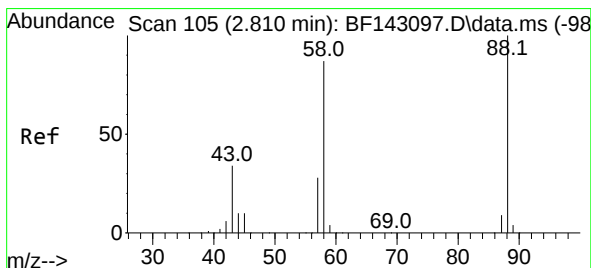
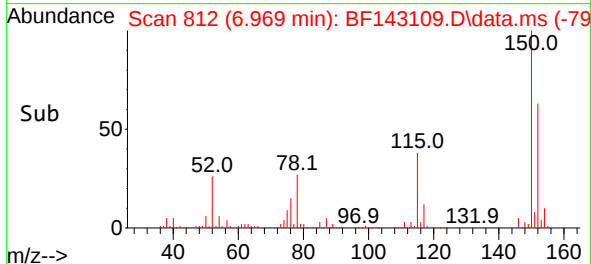
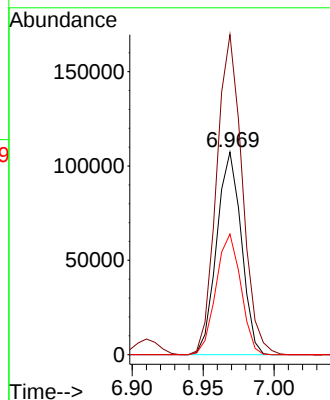
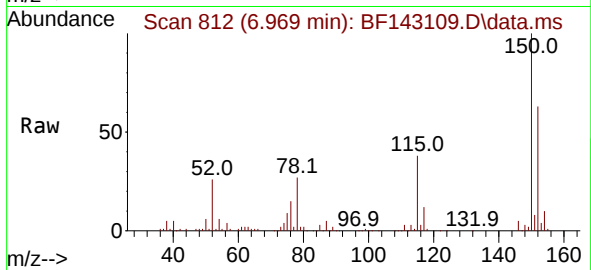




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

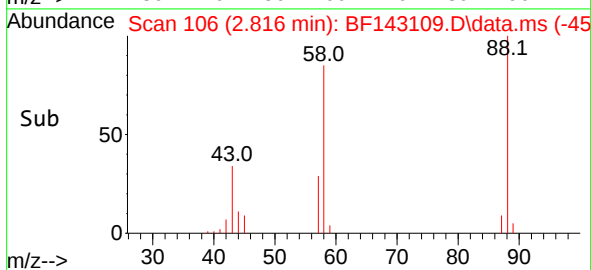
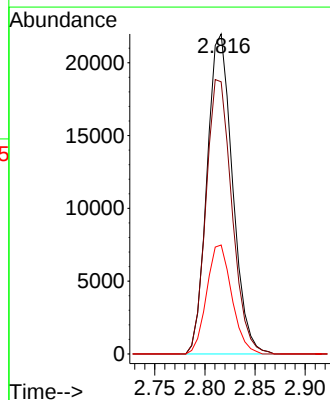
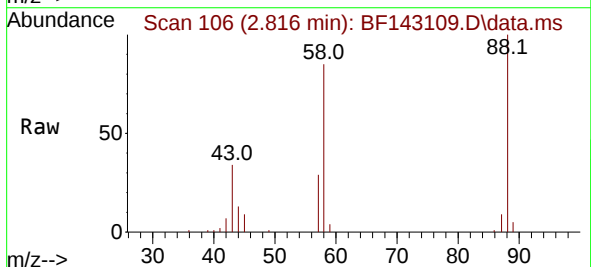
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

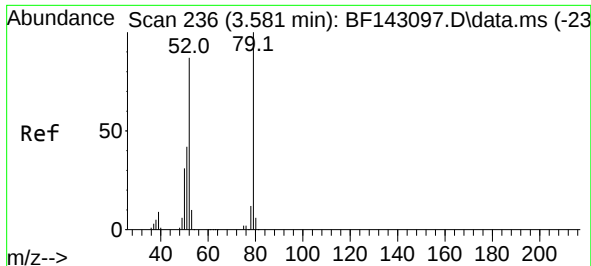
Tgt Ion:152 Resp: 129256
Ion Ratio Lower Upper
152 100
150 158.0 126.5 189.7
115 59.6 47.0 70.6



#2
1,4-Dioxane
Concen: 9.519 ng
RT: 2.816 min Scan# 106
Delta R.T. 0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion: 88 Resp: 38764
Ion Ratio Lower Upper
88 100
58 87.3 70.5 105.7
43 33.6 27.3 40.9





#3

Pyridine

Concen: 9.388 ng

RT: 3.604 min Scan# 24

Delta R.T. 0.024 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

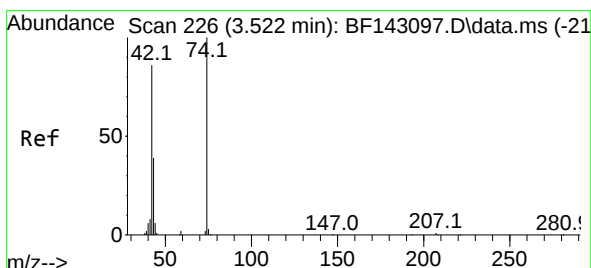
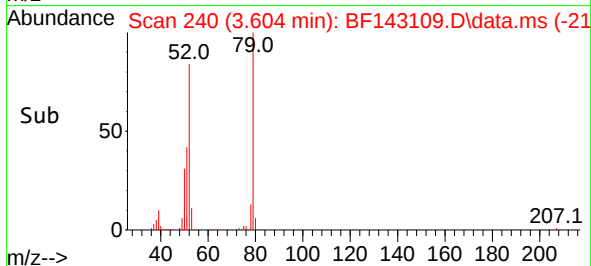
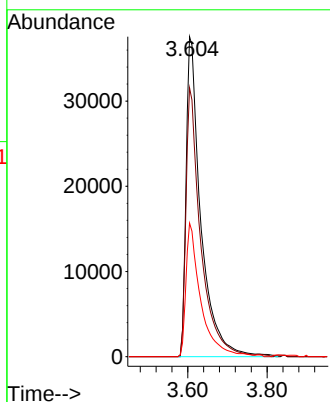
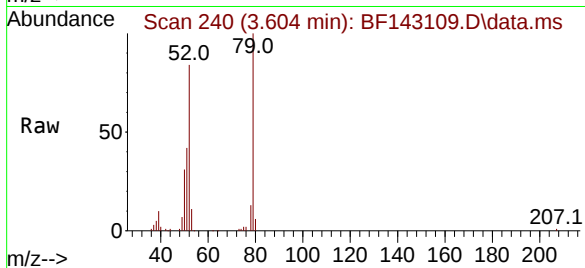
Tgt Ion: 79 Resp: 96814

Ion Ratio Lower Upper

79 100

52 84.0 69.2 103.8

51 41.7 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 9.118 ng

RT: 3.510 min Scan# 224

Delta R.T. -0.012 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

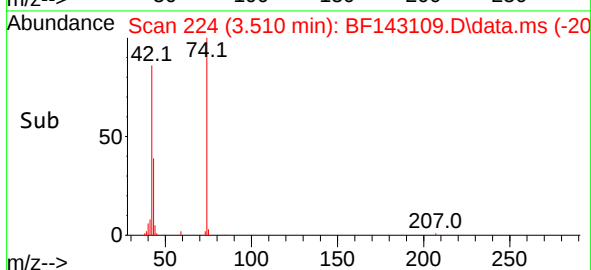
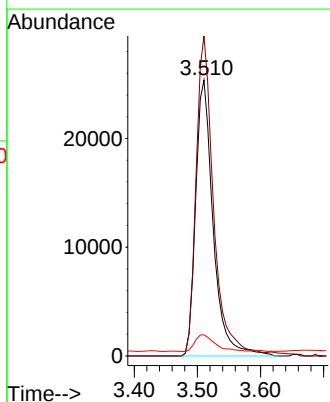
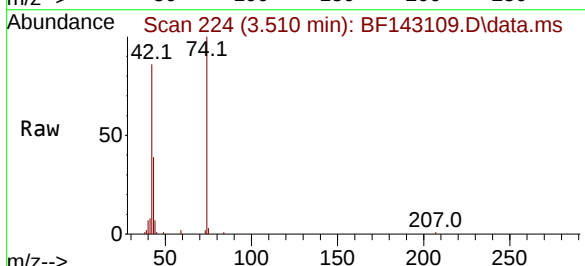
Tgt Ion: 42 Resp: 48719

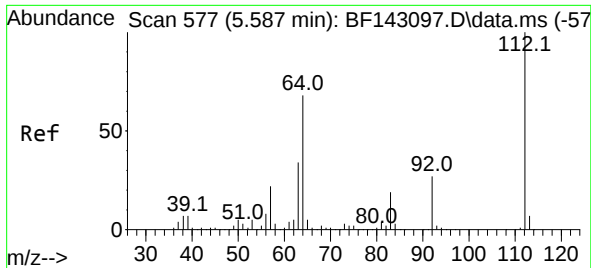
Ion Ratio Lower Upper

42 100

74 116.0 92.8 139.2

44 7.7 5.8 8.6

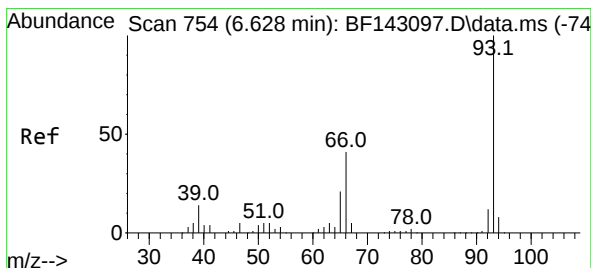
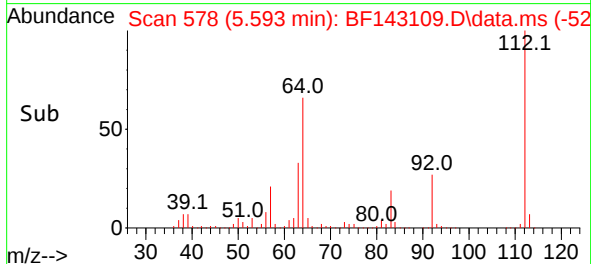
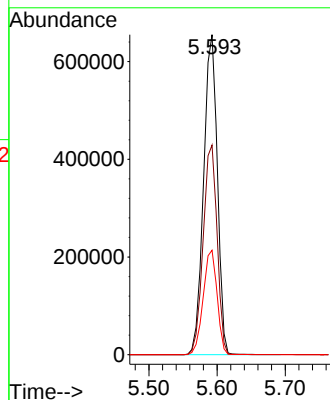
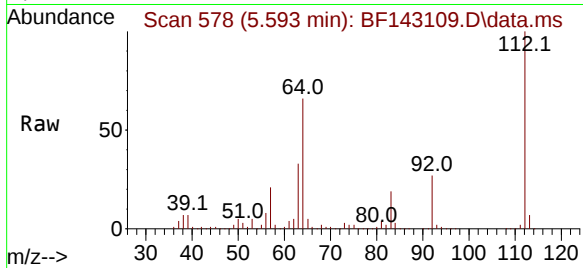




#5
2-Fluorophenol
Concen: 112.476 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

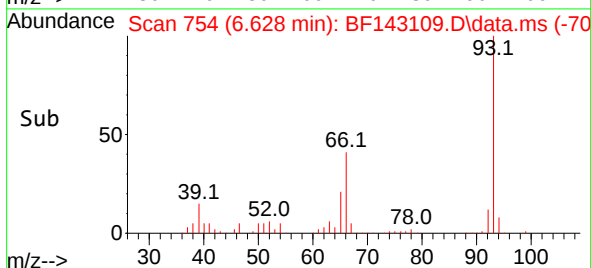
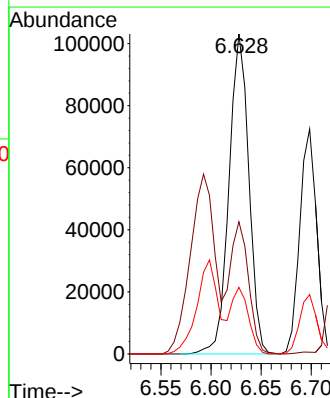
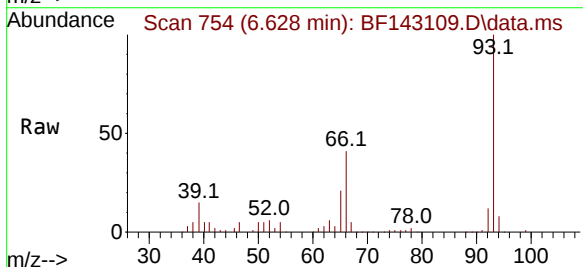
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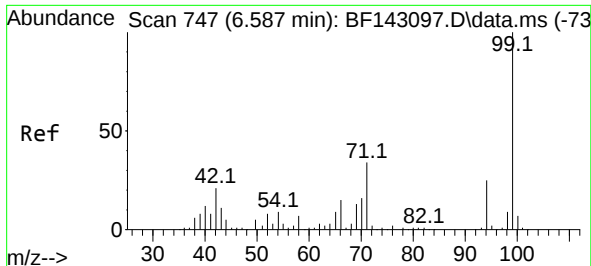
Tgt Ion:112 Resp: 920178
Ion Ratio Lower Upper
112 100
64 65.5 54.6 82.0
63 32.6 27.3 40.9



#6
Aniline
Concen: 9.794 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF143109.D
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Tgt Ion: 93 Resp: 141836
Ion Ratio Lower Upper
93 100
66 41.3 33.1 49.7
65 20.8 16.9 25.3

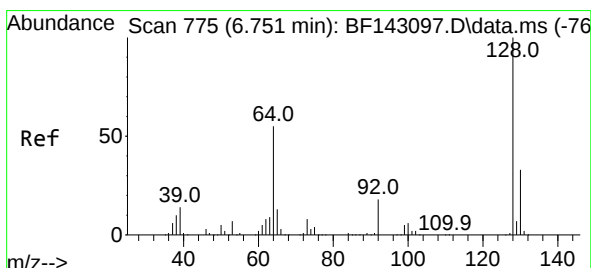
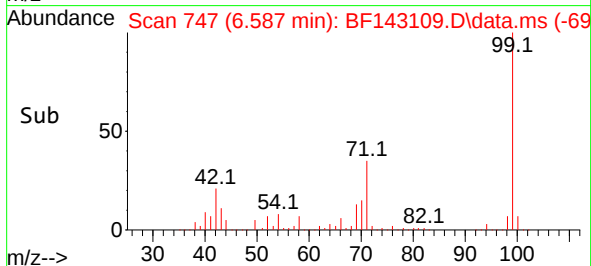
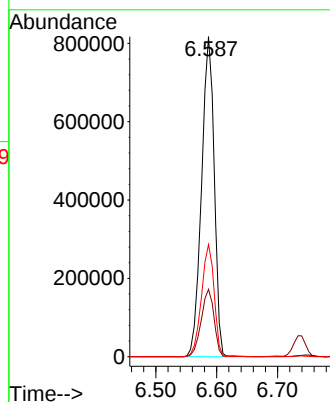
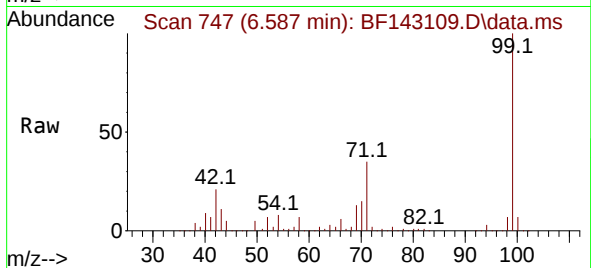




#7
Phenol-d6
Concen: 115.036 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

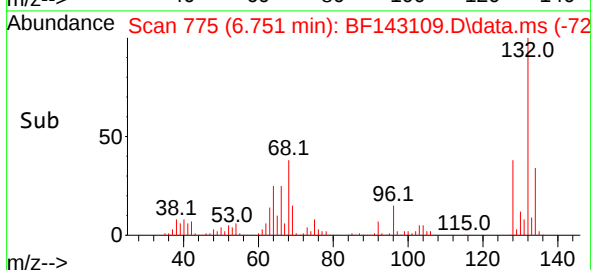
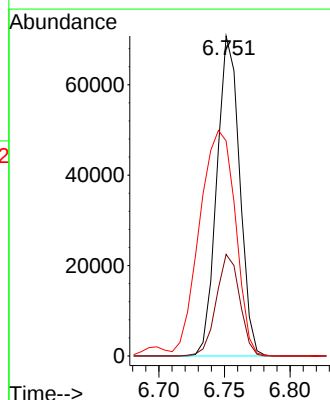
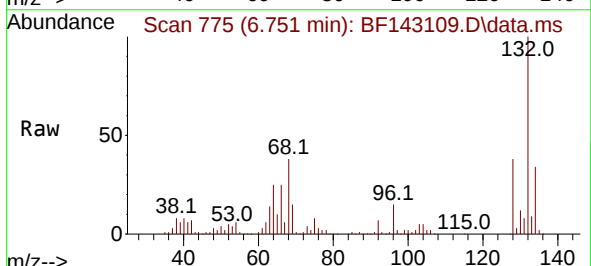
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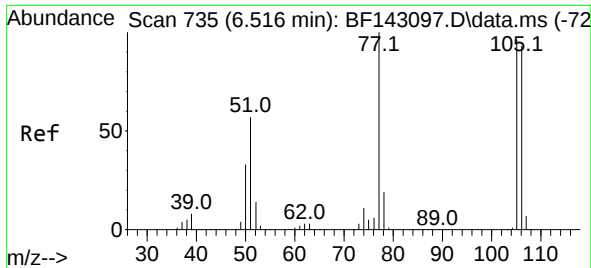
Tgt Ion: 99 Resp: 1182987
Ion Ratio Lower Upper
99 100
42 21.0 17.2 25.8
71 35.1 27.4 41.0



#8
2-Chlorophenol
Concen: 10.392 ng
RT: 6.751 min Scan# 775
Delta R.T. -0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:128 Resp: 85416
Ion Ratio Lower Upper
128 100
130 31.8 12.8 52.8
64 67.2 36.1 76.1





#9

Benzaldehyde

Concen: 9.688 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

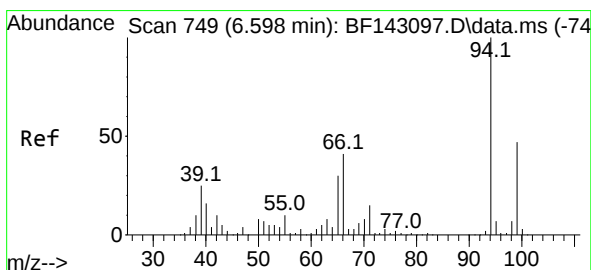
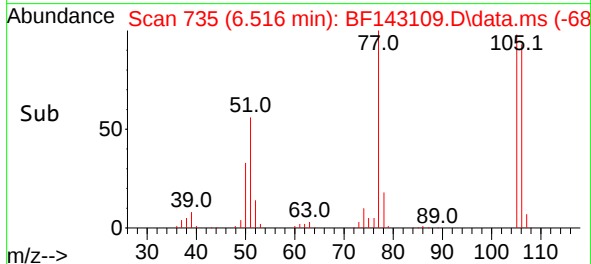
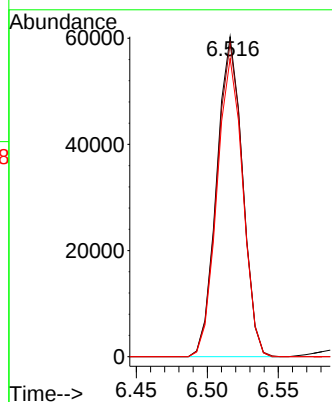
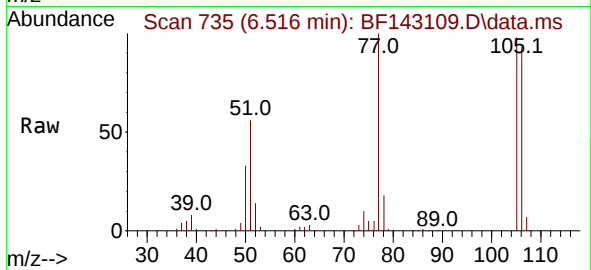
Tgt Ion: 77 Resp: 75913

Ion Ratio Lower Upper

77 100

105 98.1 76.3 116.3

106 93.2 72.8 112.8



#10

Phenol

Concen: 10.597 ng

RT: 6.598 min Scan# 749

Delta R.T. 0.000 min

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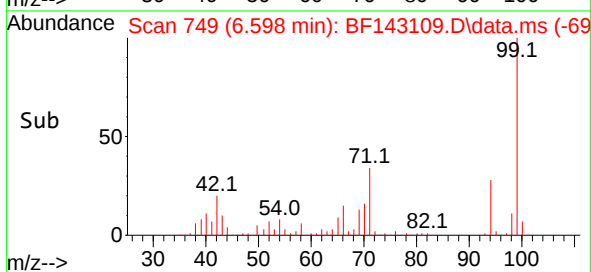
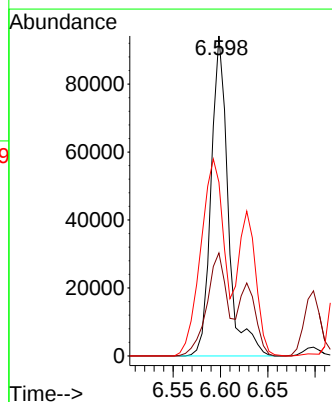
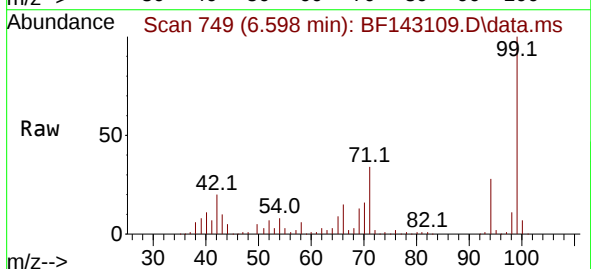
Tgt Ion: 94 Resp: 117976

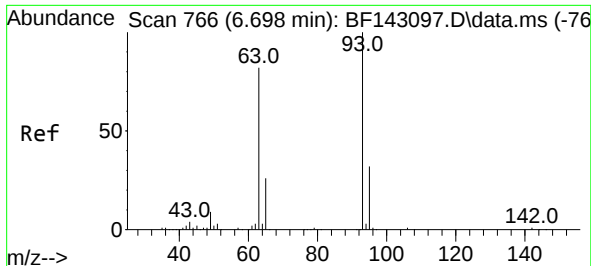
Ion Ratio Lower Upper

94 100

65 32.2 9.8 49.8

66 54.3 20.5 60.5

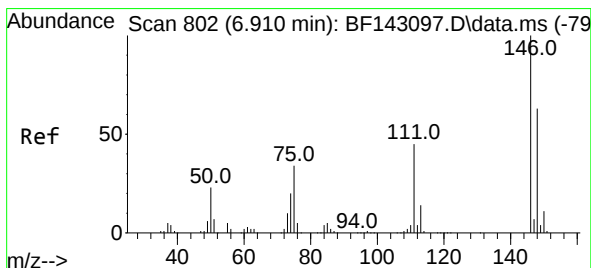
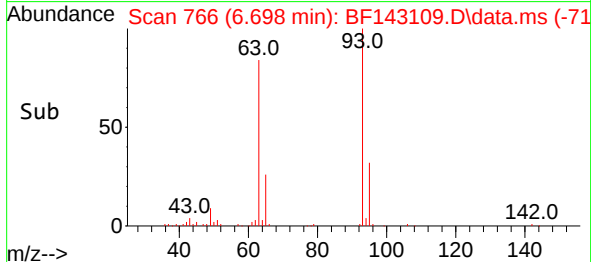
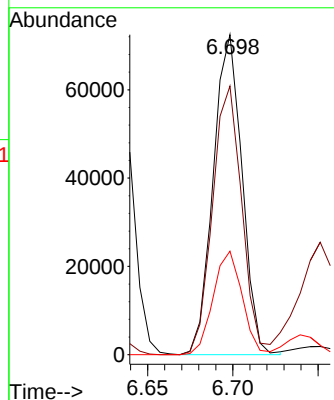
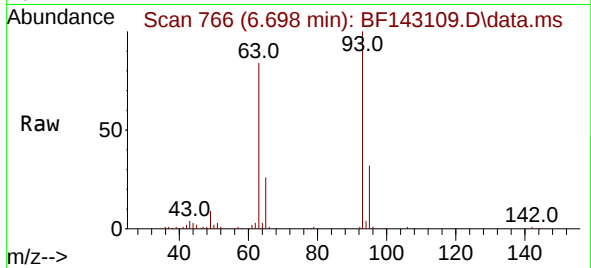




#11
bis(2-Chloroethyl)ether
Concen: 9.898 ng
RT: 6.698 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

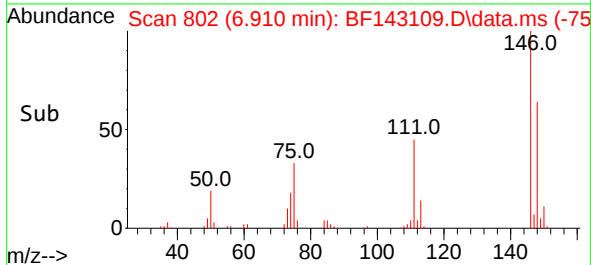
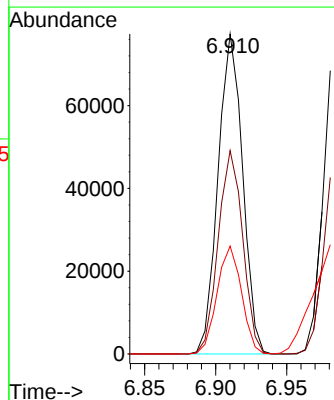
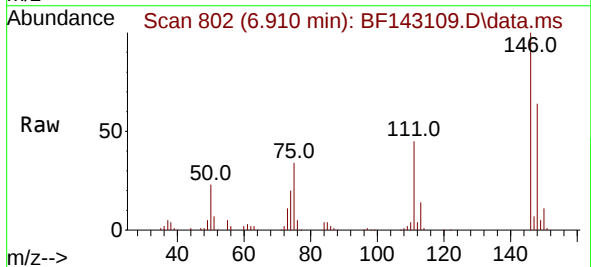
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

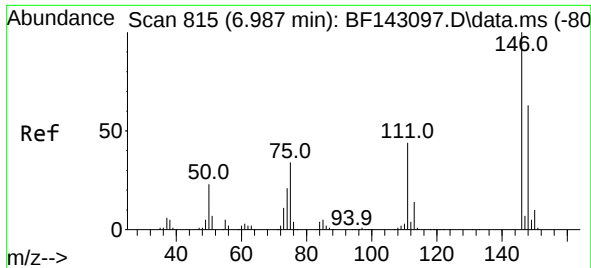
Tgt Ion:	93	Resp:	85305
Ion	Ratio	Lower	Upper
93	100		
63	84.0	61.9	101.9
95	32.3	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 10.005 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:	146	Resp:	92910
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.1	75.1
75	33.7	27.4	41.0

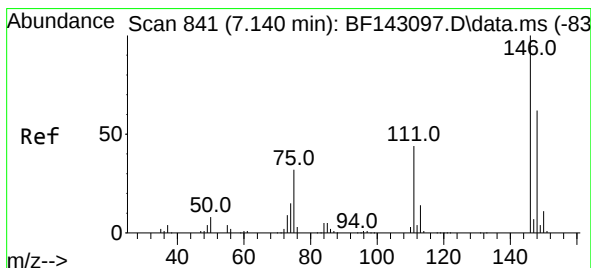
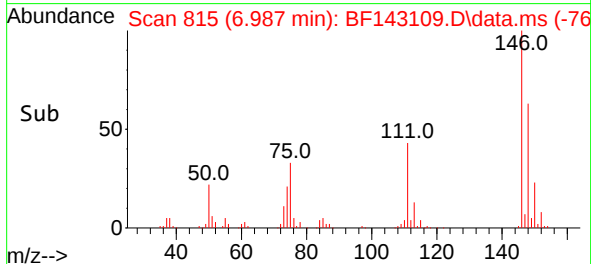
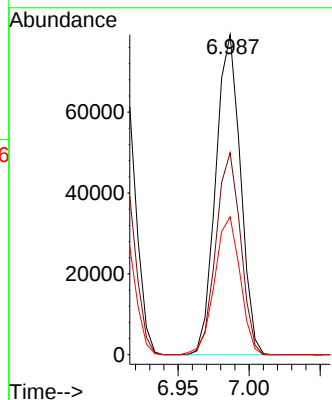
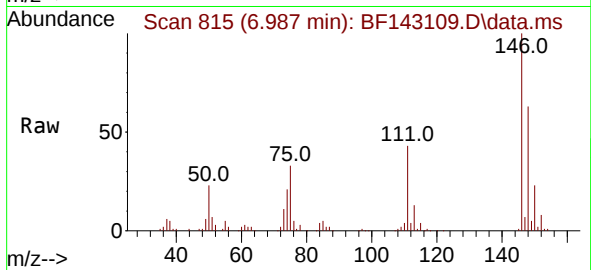




#13
1,4-Dichlorobenzene
Concen: 10.232 ng
RT: 6.987 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

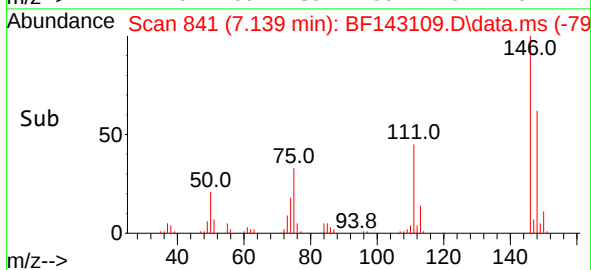
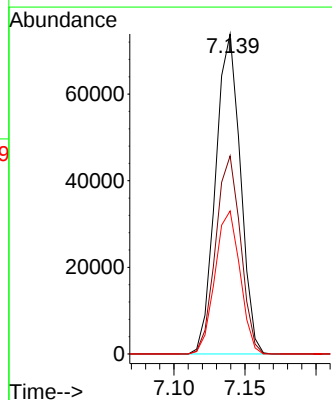
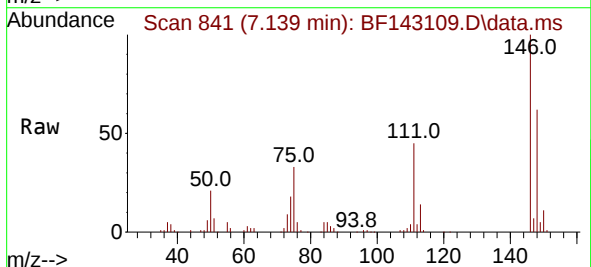
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

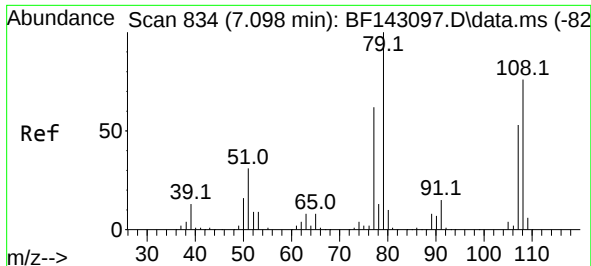
Tgt Ion:146 Resp: 95587
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
111 43.1 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 10.069 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:146 Resp: 89706
Ion Ratio Lower Upper
146 100
148 61.9 49.8 74.6
111 44.7 35.4 53.0

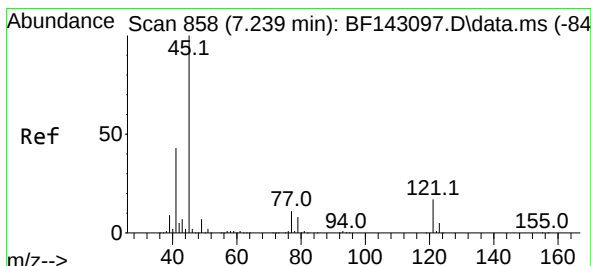
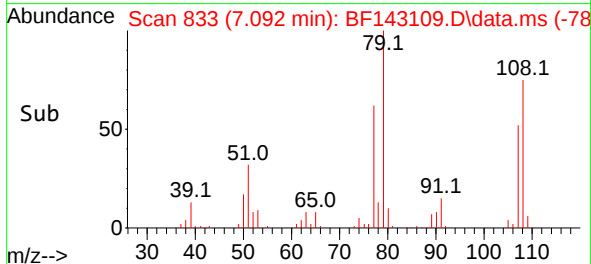
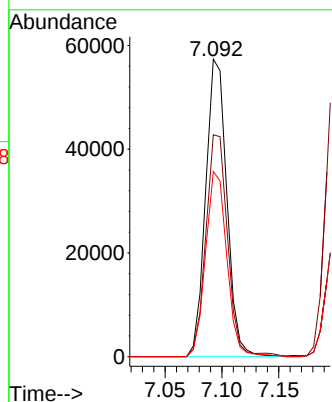
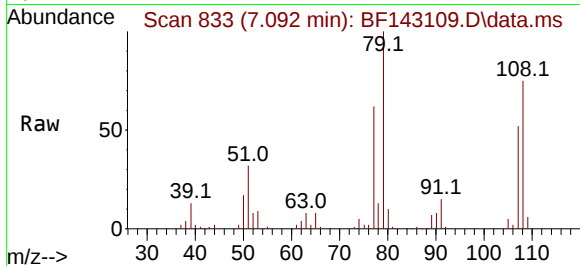




#15
Benzyl Alcohol
Concen: 9.741 ng
RT: 7.092 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

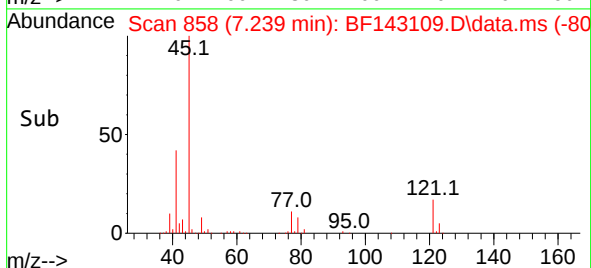
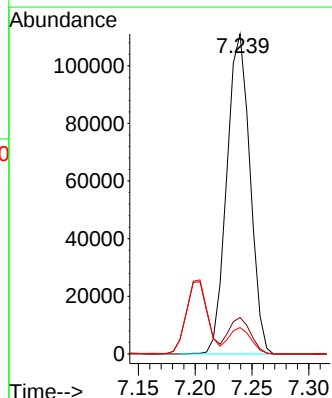
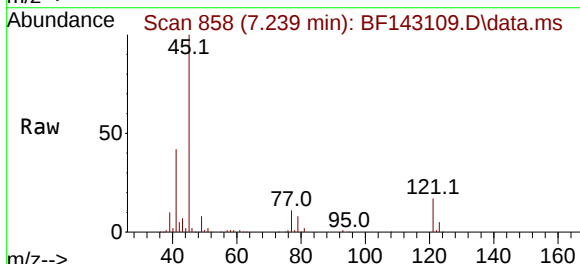
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

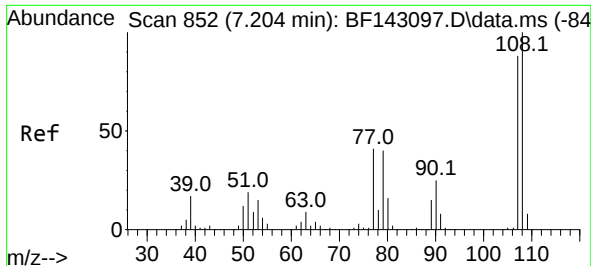
Tgt Ion: 79	Resp: 74222
Ion Ratio	Lower Upper
79 100	
108 74.5	61.1 91.7
77 62.2	49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 9.928 ng
RT: 7.239 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion: 45	Resp: 157722
Ion Ratio	Lower Upper
45 100	
77 11.4	0.0 31.1
79 8.2	0.0 28.4

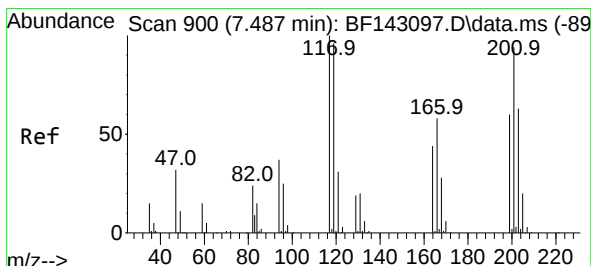
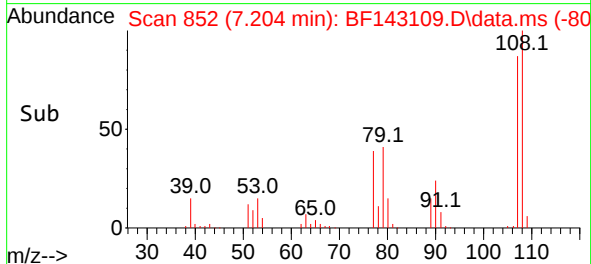
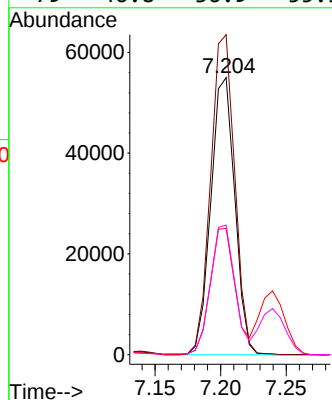
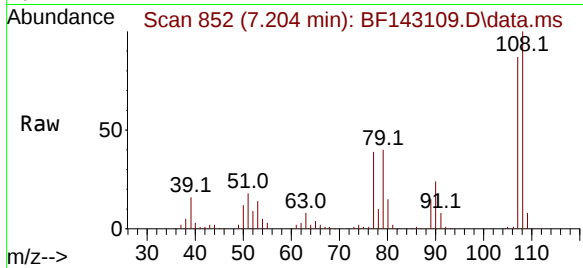




#17
2-Methylphenol
Concen: 9.844 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

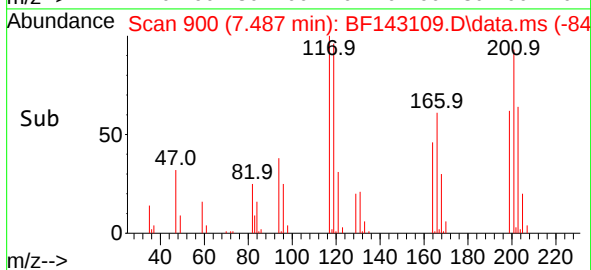
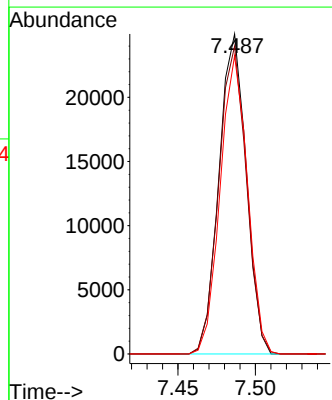
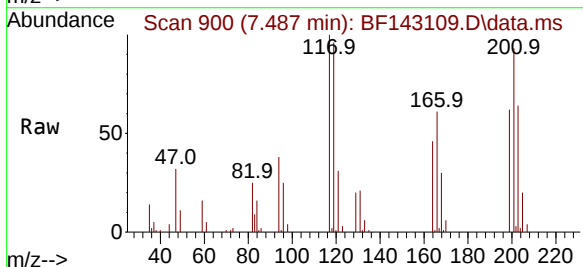
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

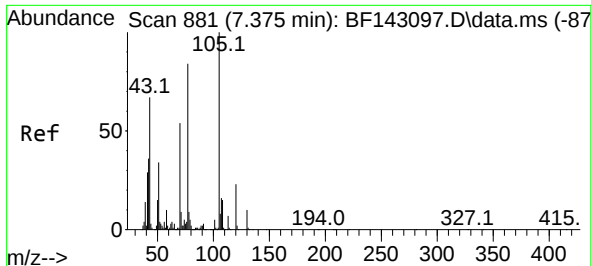
Tgt Ion:	107	Resp:	69827
Ion	Ratio	Lower	Upper
107	100		
108	115.5	90.9	136.3
77	45.6	37.5	56.3
79	46.8	36.9	55.3



#18
Hexachloroethane
Concen: 10.047 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:	117	Resp:	30557
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.7	115.1
201	93.2	75.0	112.4

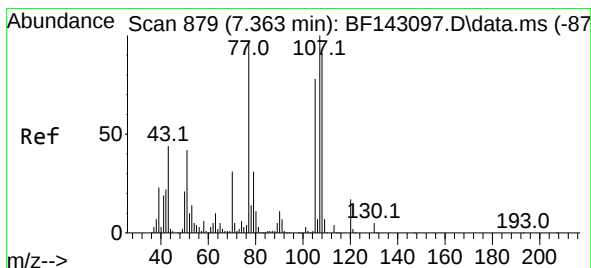
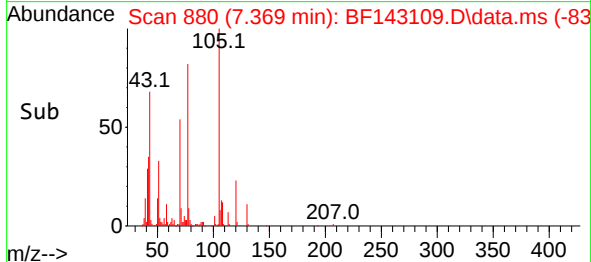
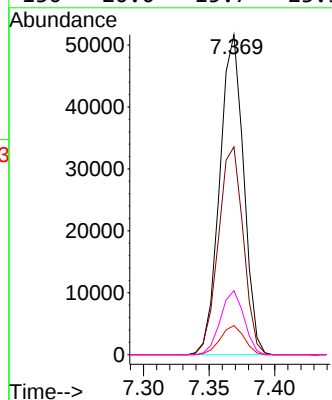
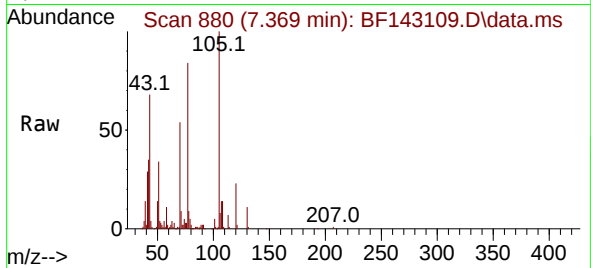




#19
n-Nitroso-di-n-propylamine
Concen: 10.375 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

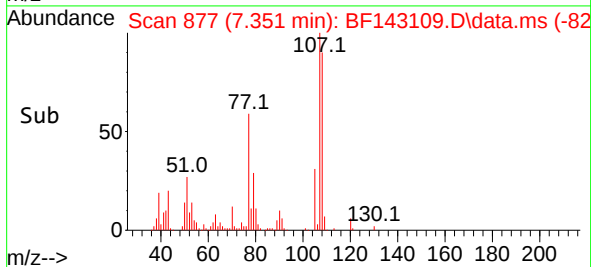
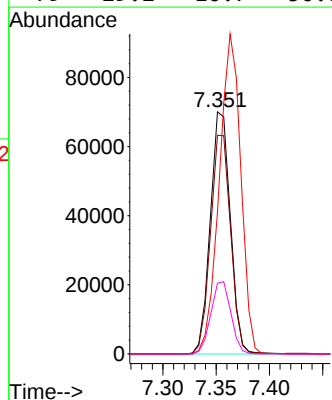
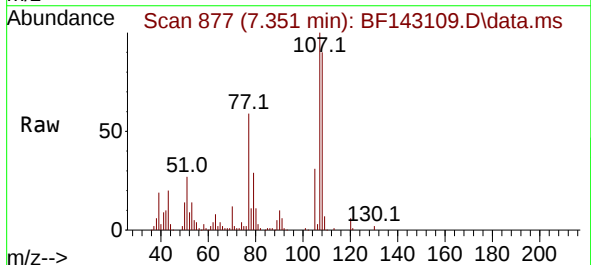
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

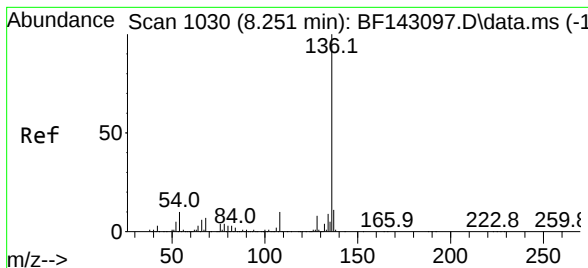
Tgt Ion:	70	Resp:	65363
Ion	Ratio	Lower	Upper
70	100		
42	64.9	53.2	79.8
101	9.1	7.5	11.3
130	20.0	15.7	23.5



#20
3+4-Methylphenols
Concen: 10.523 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.012 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:	107	Resp:	91537
Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.3	111.3
77	58.7	77.2	117.2#
79	29.2	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: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:136 Resp: 496228

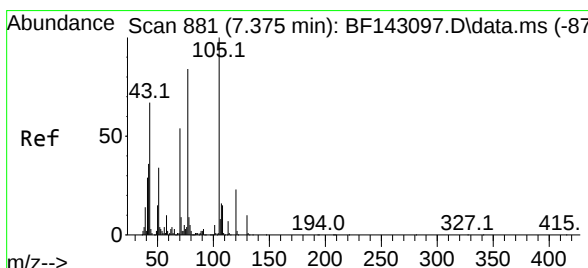
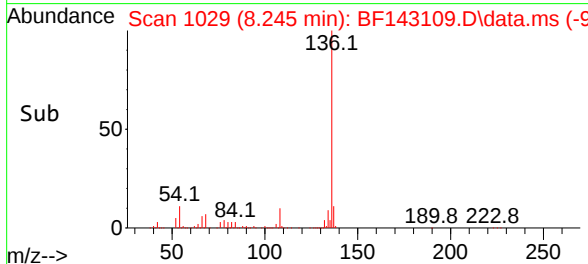
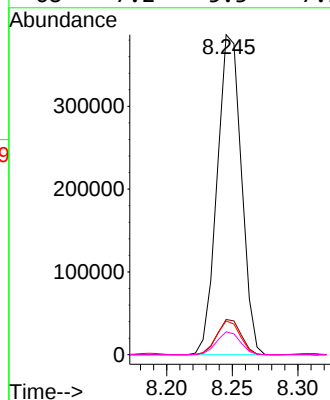
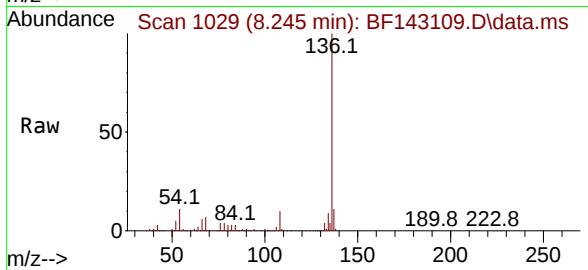
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.5 8.3 12.5

68 7.2 5.3 7.9



#22

Acetophenone

Concen: 10.450 ng

RT: 7.363 min Scan# 879

Delta R.T. -0.012 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Tgt Ion:105 Resp: 125009

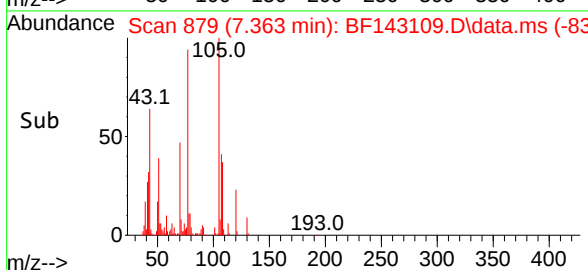
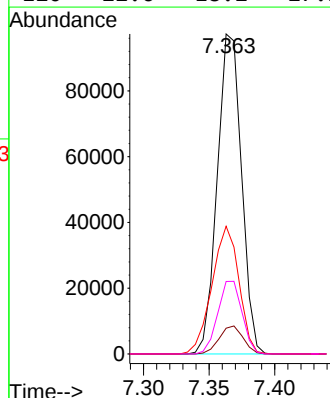
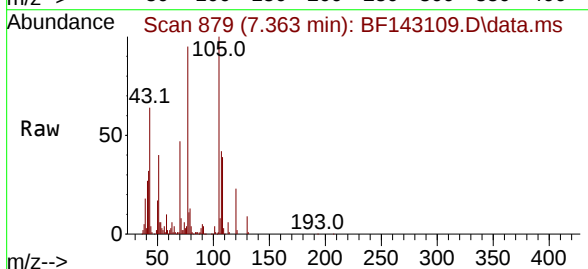
Ion Ratio Lower Upper

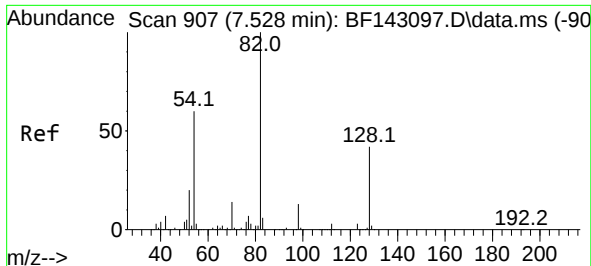
105 100

71 8.0 7.2 10.8

51 39.9 27.0 40.4

120 22.6 18.2 27.2





#23

Nitrobenzene-d5

Concen: 86.351 ng

RT: 7.522 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

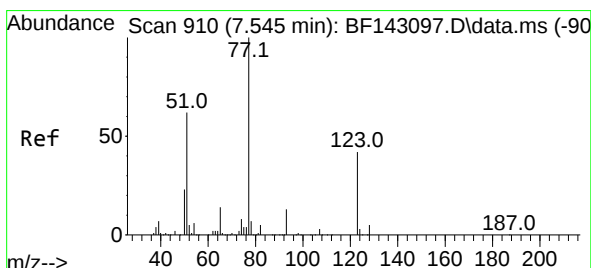
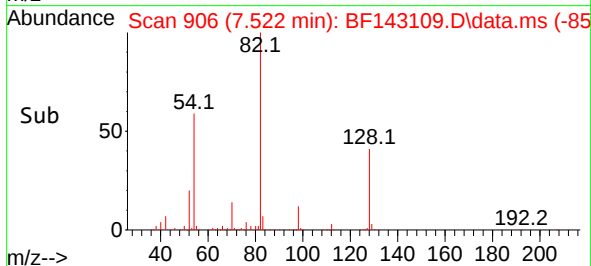
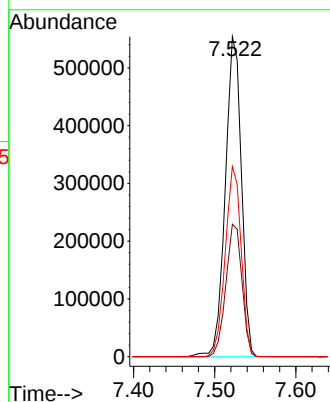
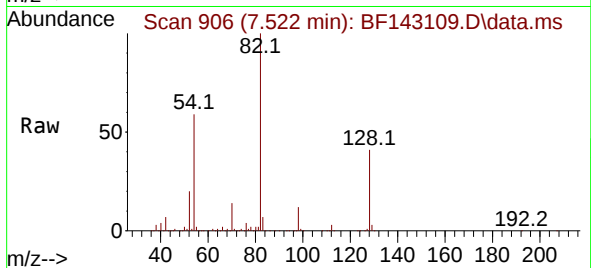
Tgt Ion: 82 Resp: 763836

Ion Ratio Lower Upper

82 100

128 41.4 33.3 49.9

54 59.4 47.4 71.2



#24

Nitrobenzene

Concen: 10.845 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

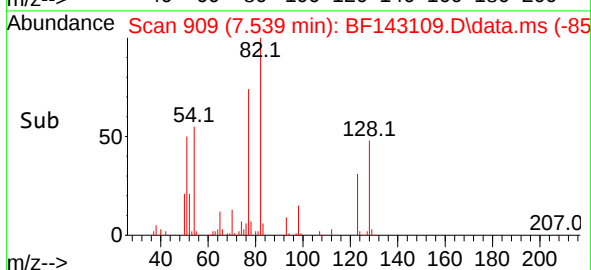
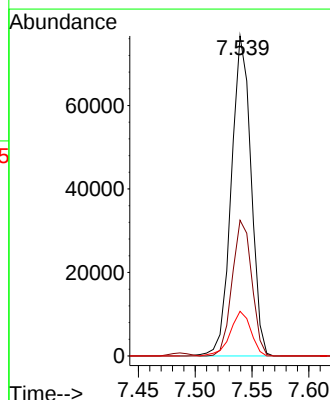
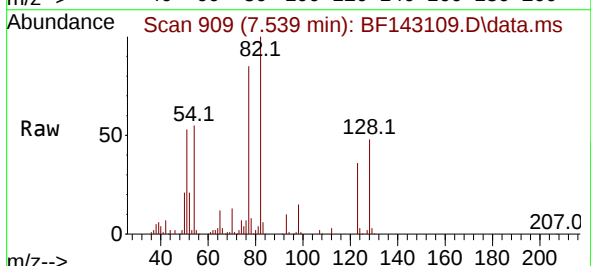
Tgt Ion: 77 Resp: 92610

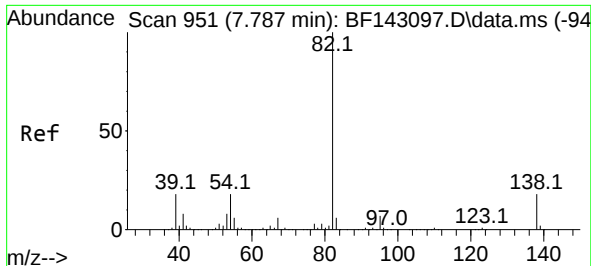
Ion Ratio Lower Upper

77 100

123 42.4 34.5 51.7

65 14.0 11.3 16.9

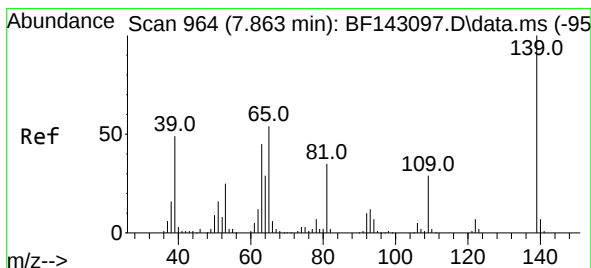
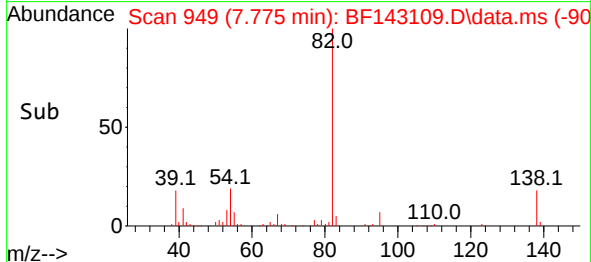
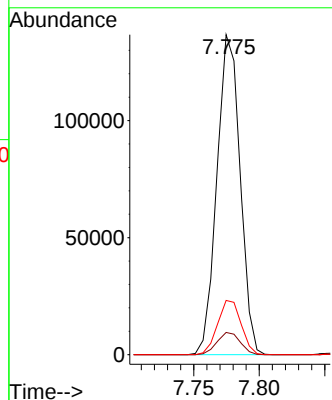
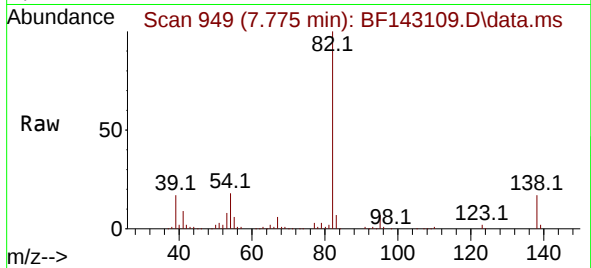




#25
Isophorone
Concen: 9.832 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

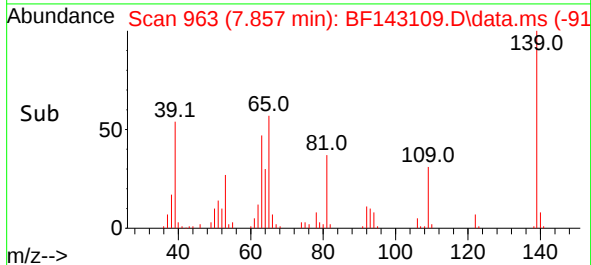
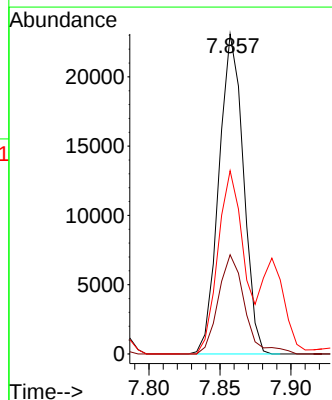
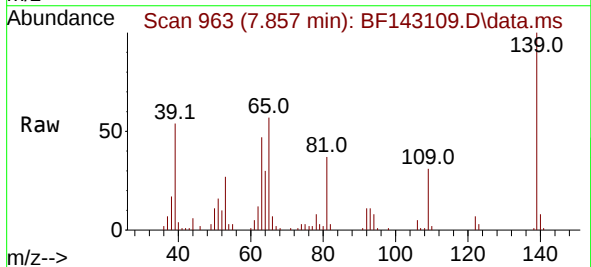
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

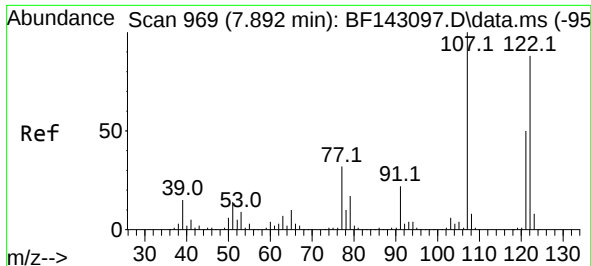
Tgt Ion: 82 Resp: 168099
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.0 14.3 21.5



#26
2-Nitrophenol
Concen: 11.374 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:139 Resp: 27668
Ion Ratio Lower Upper
139 100
109 31.0 23.4 35.0
65 57.3 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 10.101 ng

RT: 7.886 min Scan# 9

Delta R.T. -0.006 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

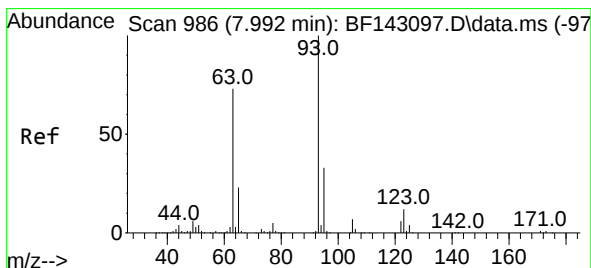
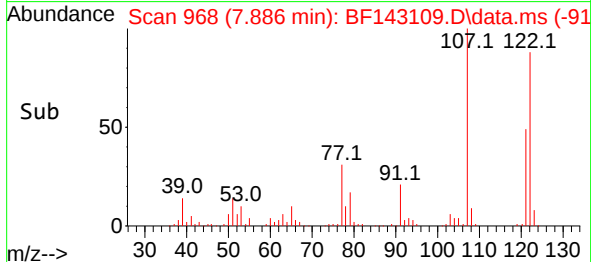
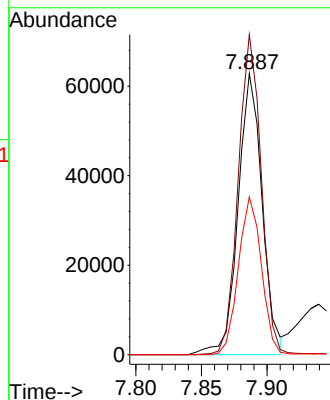
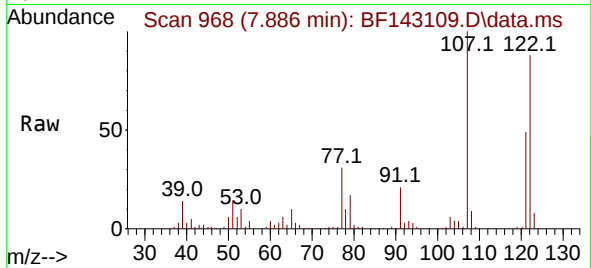
Tgt Ion:122 Resp: 80153

Ion Ratio Lower Upper

122 100

107 113.9 91.3 136.9

121 56.1 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 10.069 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.006 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

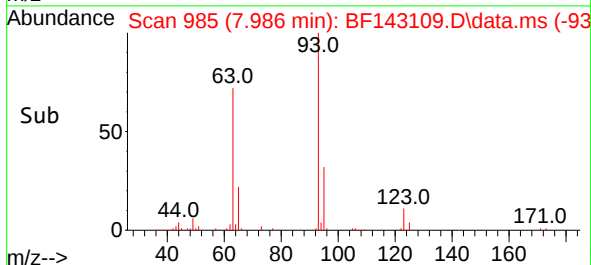
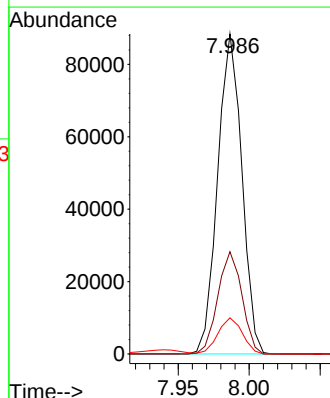
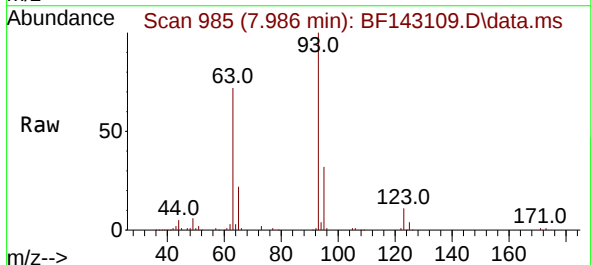
Tgt Ion: 93 Resp: 104397

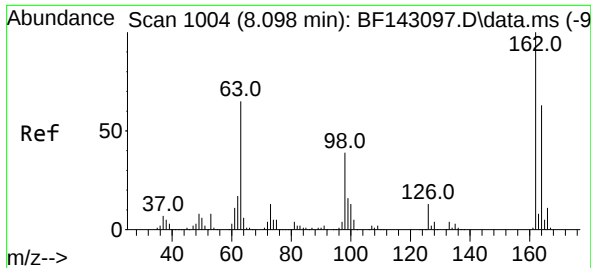
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.4

123 11.3 9.6 14.4

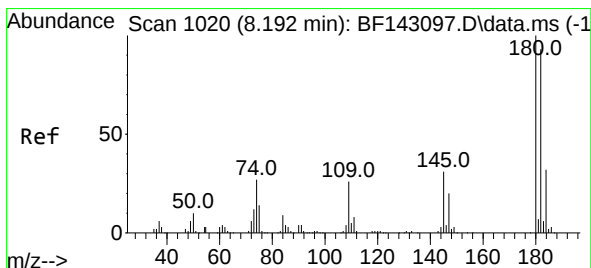
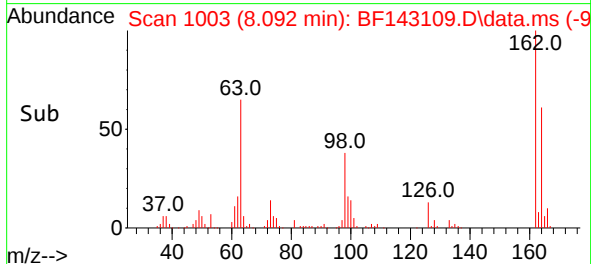
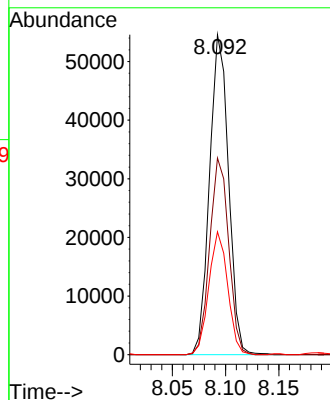
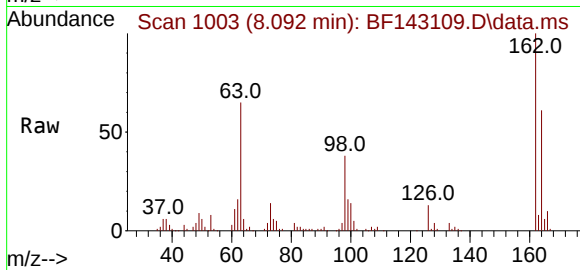




#29
2,4-Dichlorophenol
Concen: 10.416 ng
RT: 8.092 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

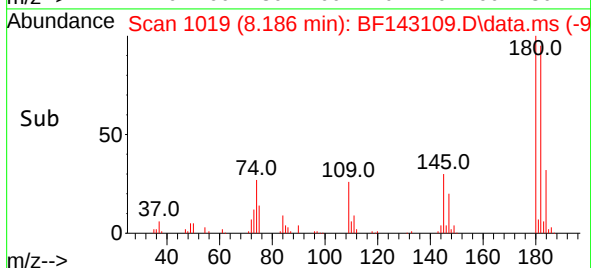
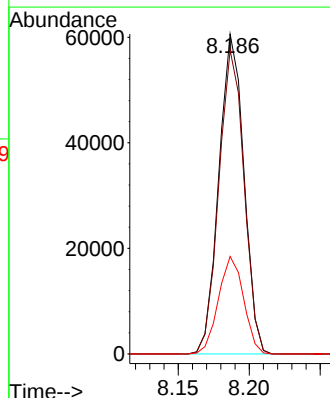
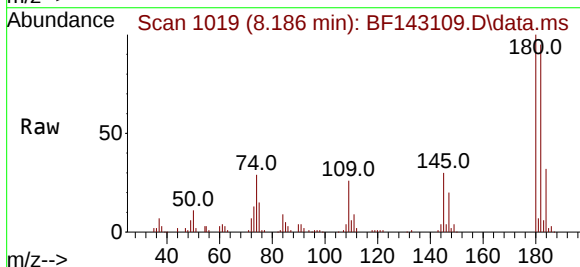
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

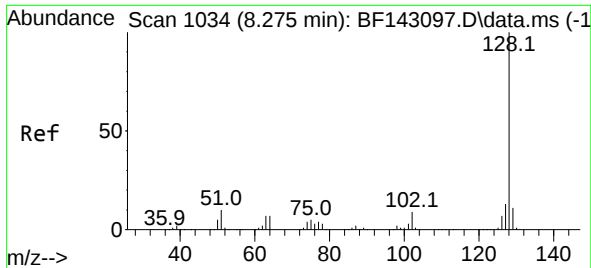
Tgt Ion:162	Resp:	67624
Ion Ratio	Lower	Upper
162	100	
164	61.4	43.1 83.1
98	38.4	19.2 59.2



#30
1,2,4-Trichlorobenzene
Concen: 10.062 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:180	Resp:	74134
Ion Ratio	Lower	Upper
180	100	
182	95.0	74.7 112.1
145	30.5	24.5 36.7

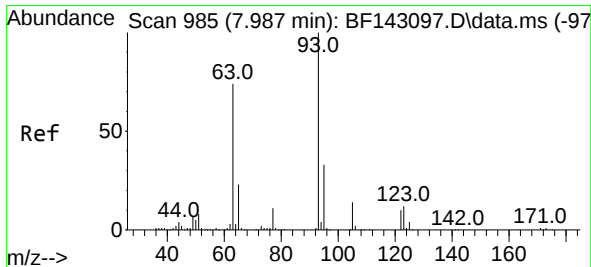
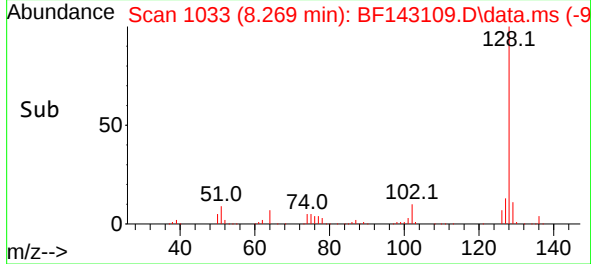
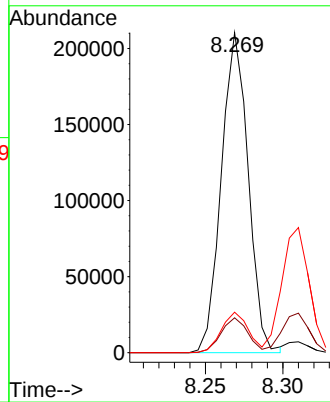
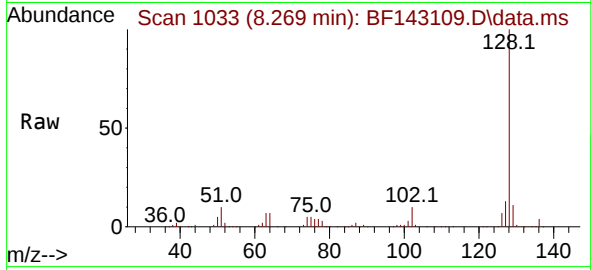




#31
Naphthalene
Concen: 10.280 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

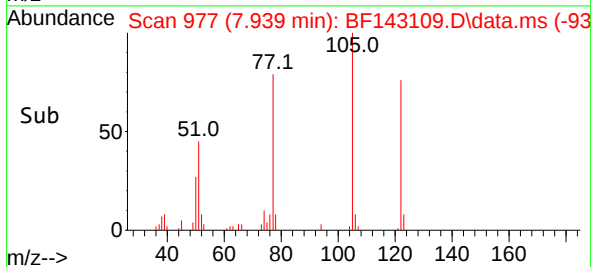
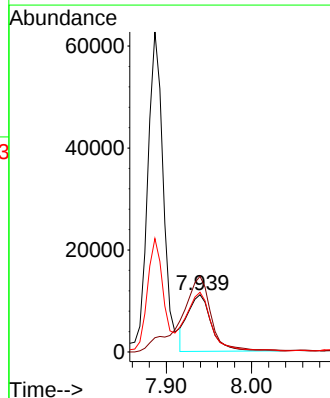
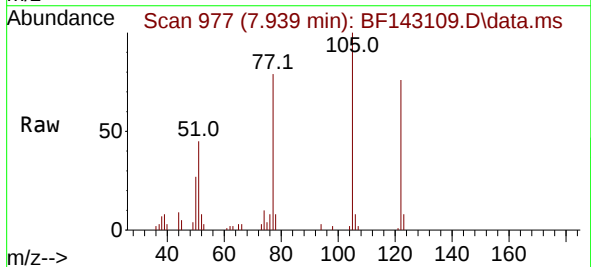
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

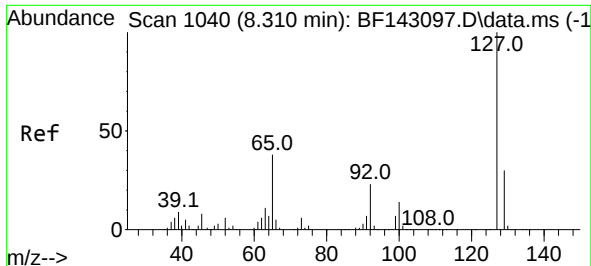
Tgt Ion:128 Resp: 253308
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.7 10.5 15.7



#32
Benzoic acid
Concen: 11.199 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.048 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:122 Resp: 21405
Ion Ratio Lower Upper
122 100
105 131.9 105.4 145.4
77 104.2 78.6 118.6

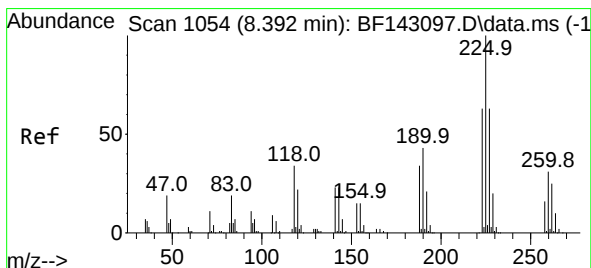
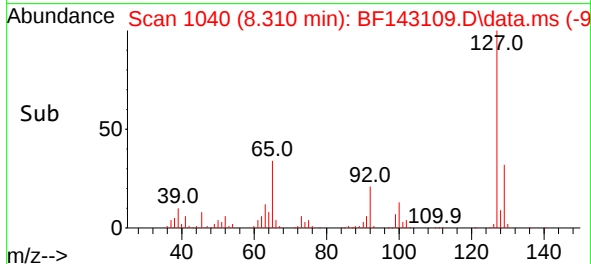
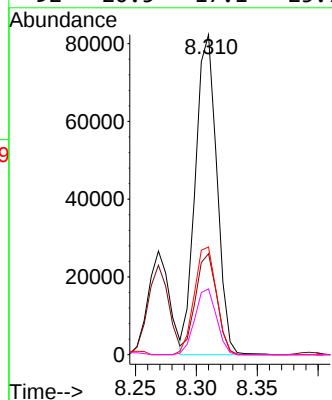
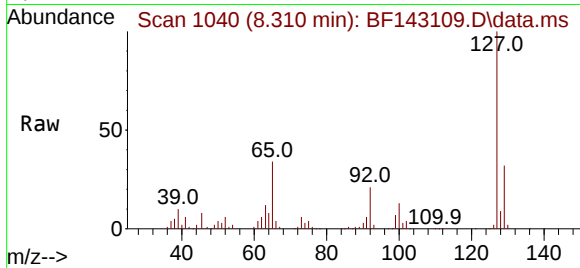




#33
4-Chloroaniline
Concen: 10.173 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

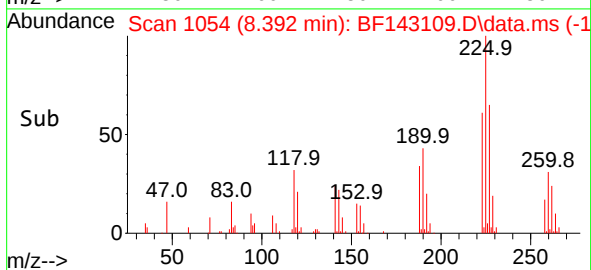
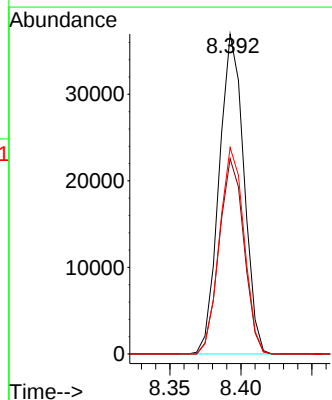
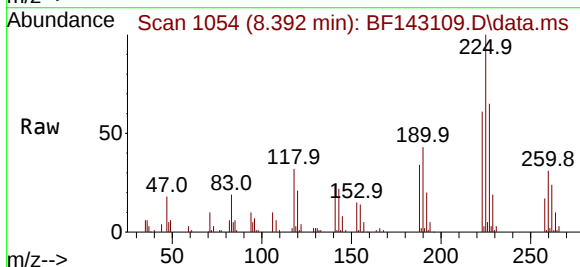
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

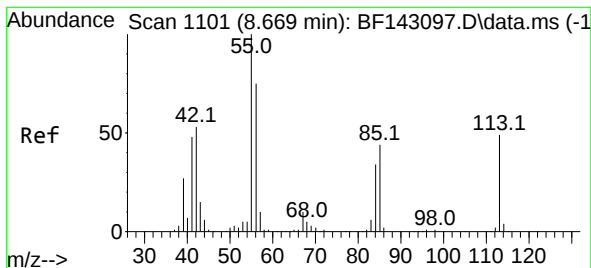
Tgt Ion:127	Resp: 100809
Ion Ratio	Lower Upper
127 100	
129 31.6	26.2 39.4
65 33.7	28.6 42.8
92 20.5	17.1 25.7



#34
Hexachlorobutadiene
Concen: 10.142 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:225	Resp: 44687
Ion Ratio	Lower Upper
225 100	
223 61.1	50.3 75.5
227 64.5	50.1 75.1





#35

Caprolactam

Concen: 9.524 ng

RT: 8.633 min Scan# 1101

Delta R.T. -0.035 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

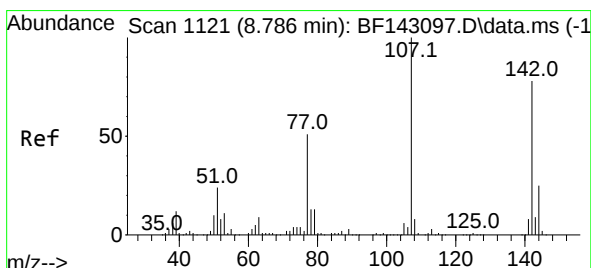
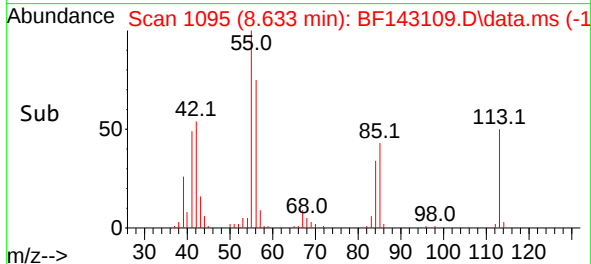
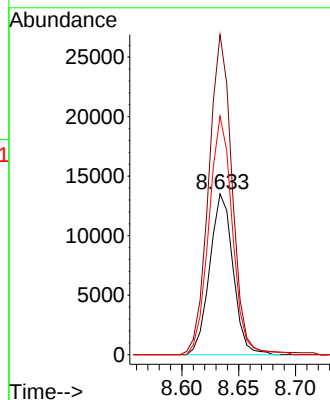
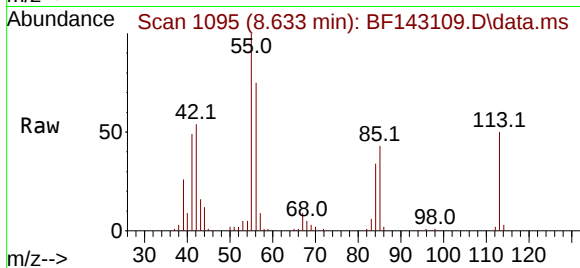
Tgt Ion:113 Resp: 19307

Ion Ratio Lower Upper

113 100

55 199.0 186.2 226.2

56 148.3 134.1 174.1



#36

4-Chloro-3-methylphenol

Concen: 9.979 ng

RT: 8.775 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

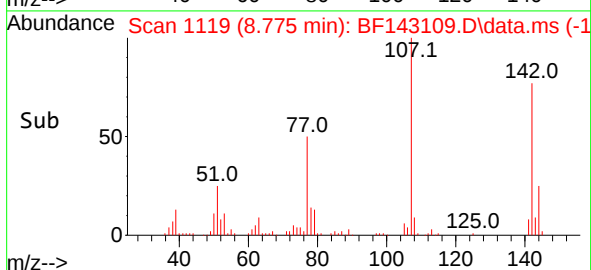
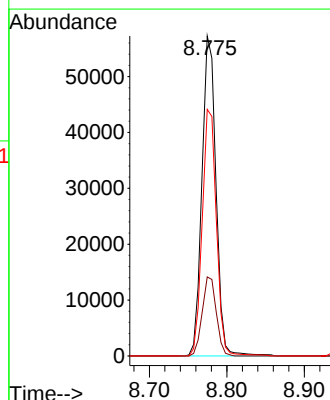
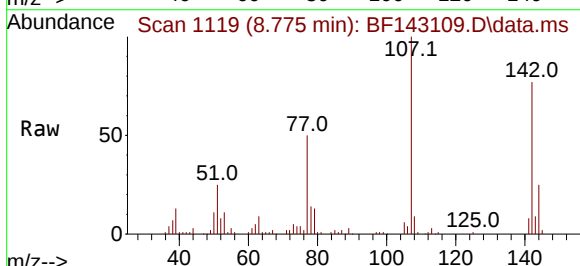
Tgt Ion:107 Resp: 72167

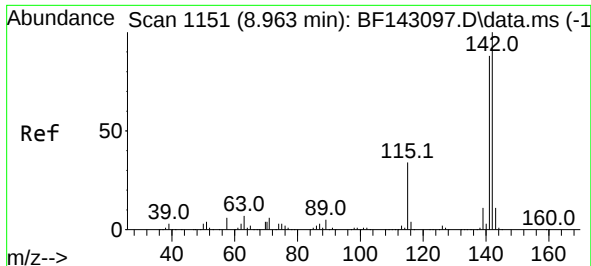
Ion Ratio Lower Upper

107 100

144 24.7 20.2 30.2

142 77.0 62.4 93.6





#37

2-Methylnaphthalene

Concen: 10.242 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

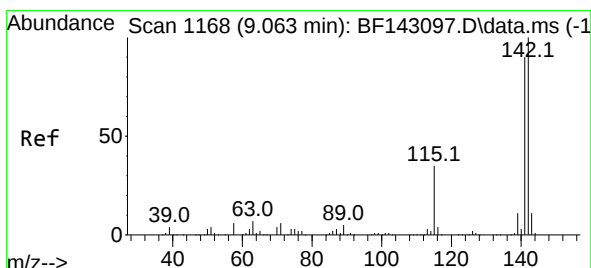
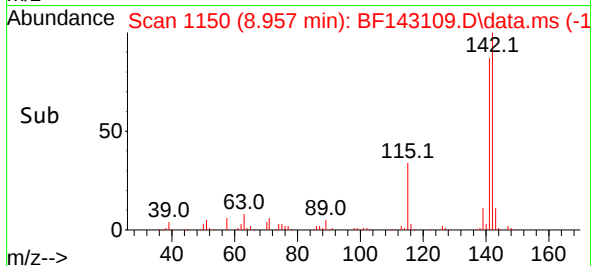
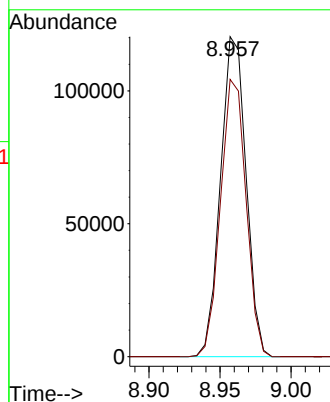
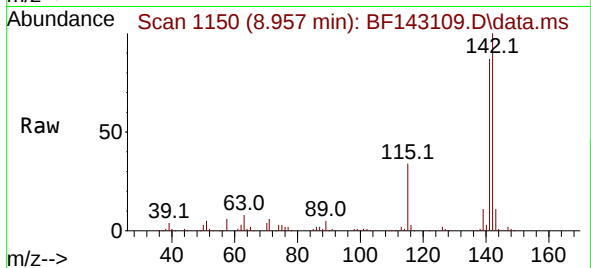
LOQ-WATER-02-QT2-2025

Tgt Ion:142 Resp: 150563

Ion Ratio Lower Upper

142 100

141 86.6 70.2 105.2



#38

1-Methylnaphthalene

Concen: 10.447 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF143109.D

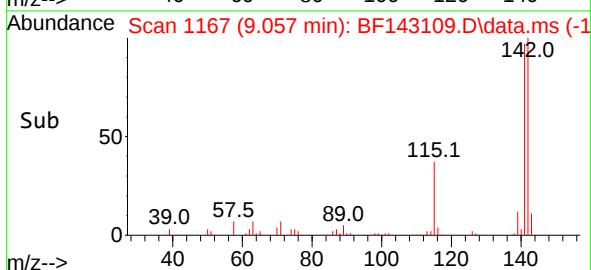
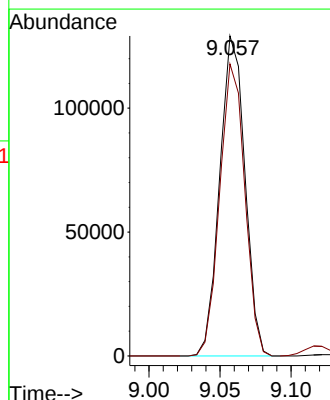
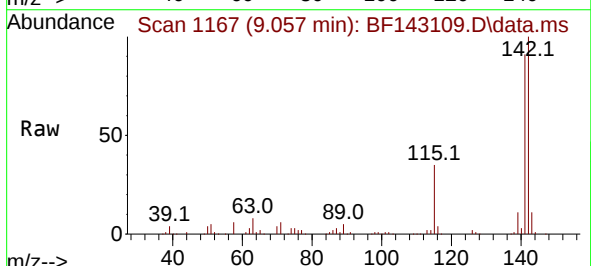
Acq: 16 Jul 2025 12:36

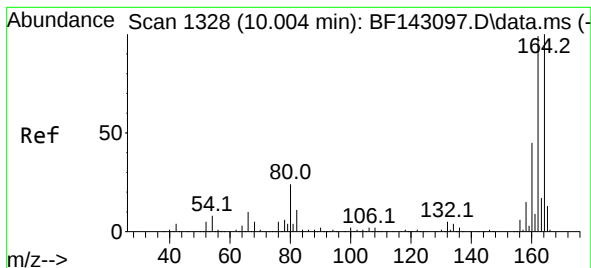
Tgt Ion:142 Resp: 159285

Ion Ratio Lower Upper

142 100

141 91.2 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: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

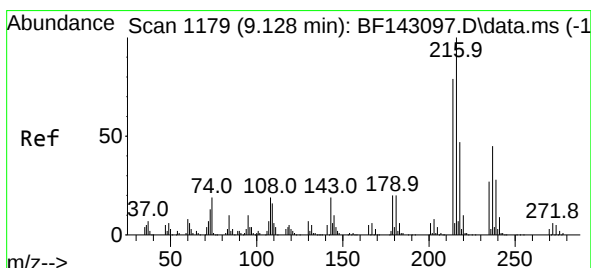
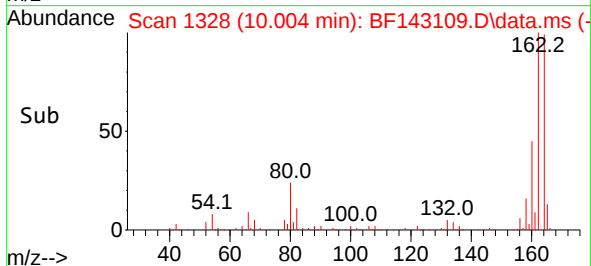
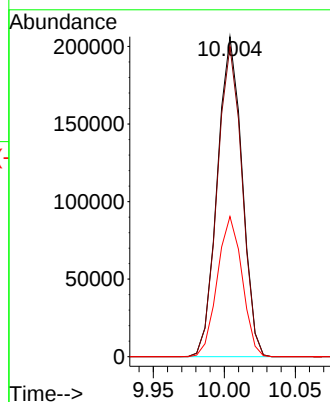
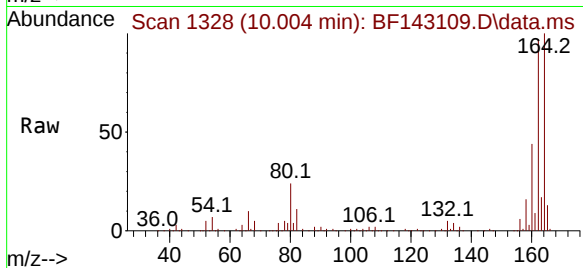
Tgt Ion:164 Resp: 249421

Ion Ratio Lower Upper

164 100

162 96.9 79.0 118.6

160 43.8 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.306 ng

RT: 9.128 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Tgt Ion:216 Resp: 74908

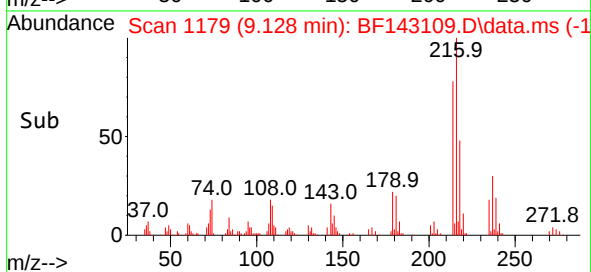
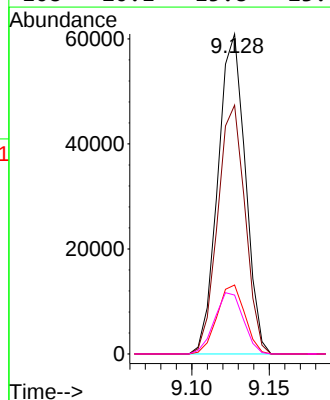
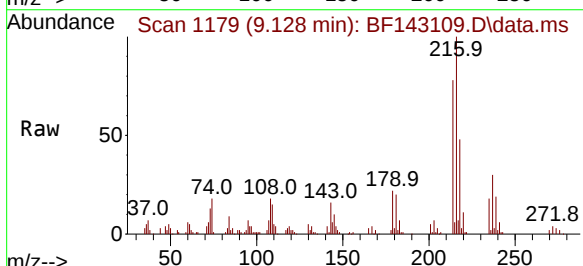
Ion Ratio Lower Upper

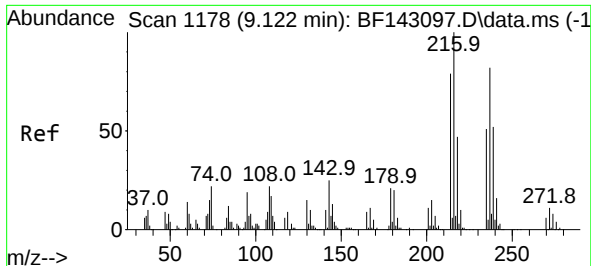
216 100

214 77.7 62.6 94.0

179 21.8 16.2 24.2

108 20.1 15.8 23.6

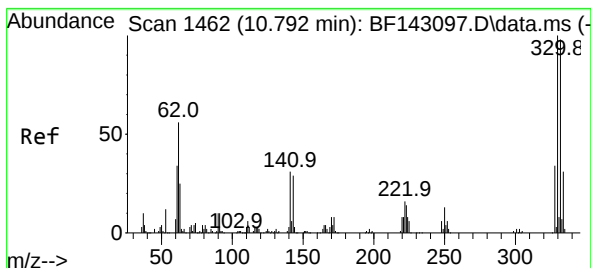
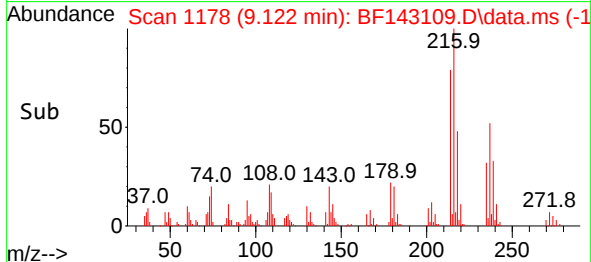
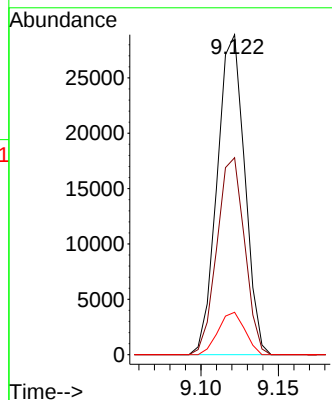
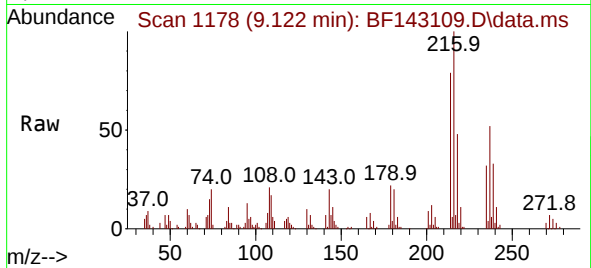




#41
Hexachlorocyclopentadiene
Concen: 8.863 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

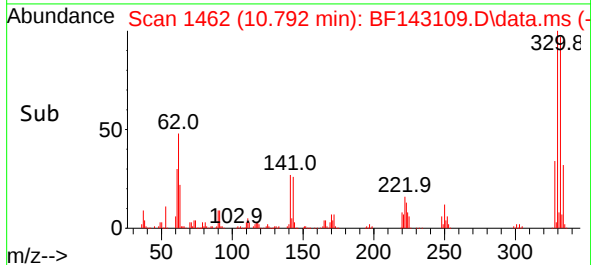
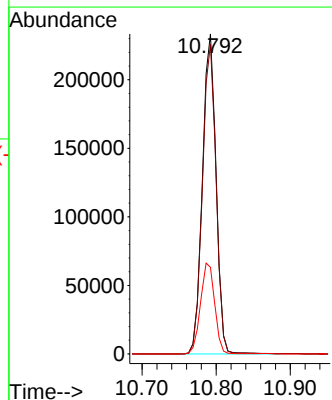
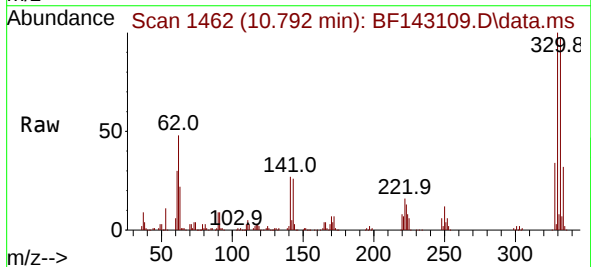
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2025

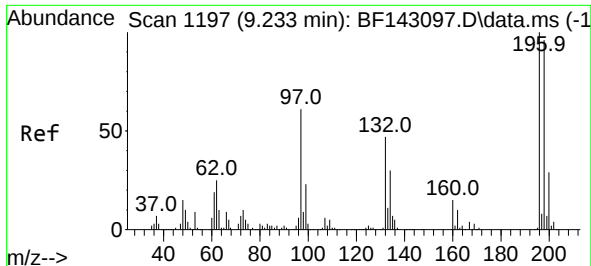
Tgt Ion:237	Resp:	35717	
Ion	Ratio	Lower	Upper
237	100		
235	61.6	41.6	81.6
272	13.2	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 133.839 ng
RT: 10.792 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:330	Resp: 297653		
Ion Ratio	Lower	Upper	
330 100			
332 97.1	77.9	116.9	
141 29.5	25.9	38.9	





#43

2,4,6-Trichlorophenol

Concen: 10.310 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

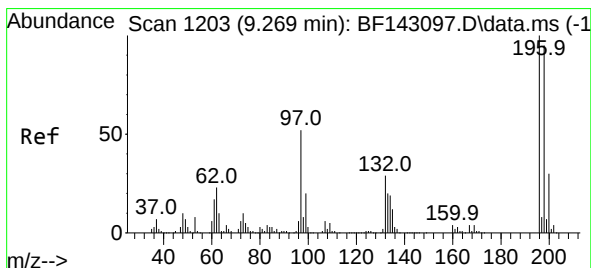
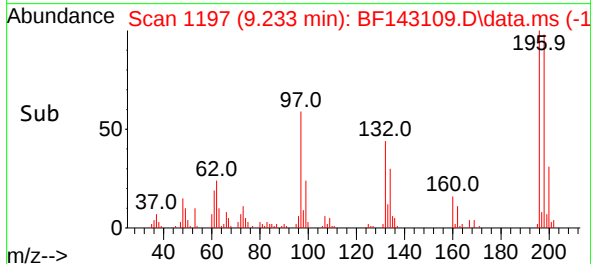
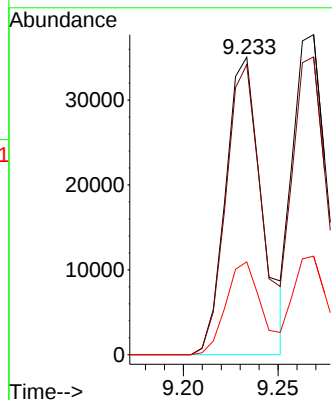
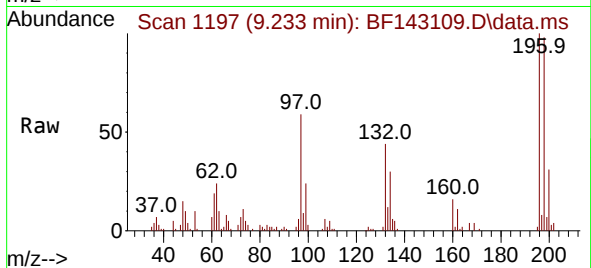
Tgt Ion:196 Resp: 46564

Ion Ratio Lower Upper

196 100

198 97.5 76.9 115.3

200 31.2 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 10.057 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Tgt Ion:196 Resp: 47629

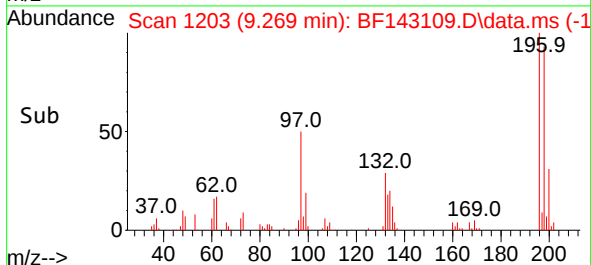
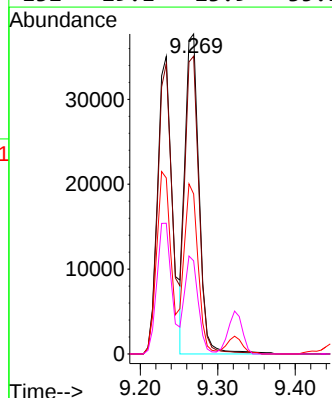
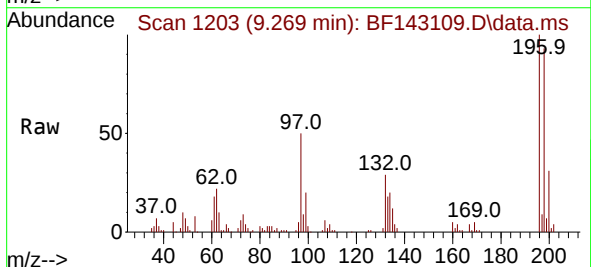
Ion Ratio Lower Upper

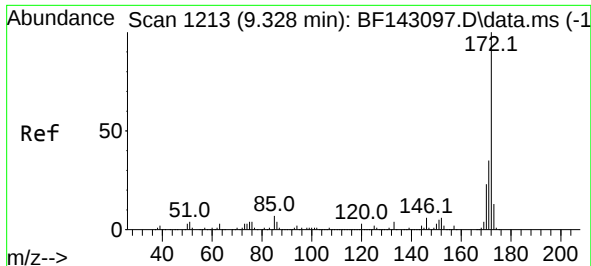
196 100

198 93.1 76.4 114.6

97 50.0 42.4 63.6

132 29.1 23.9 35.9

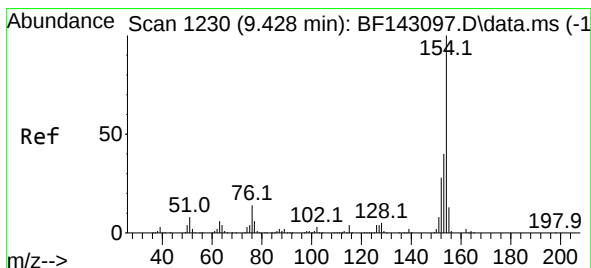
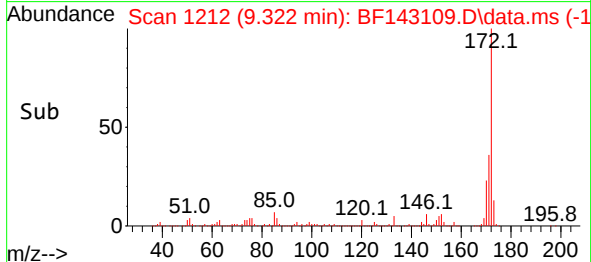
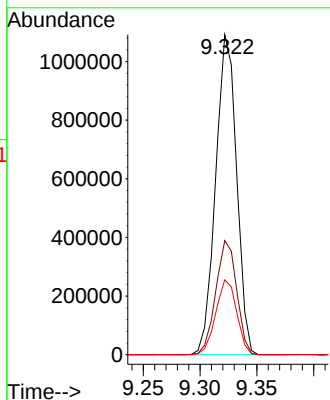
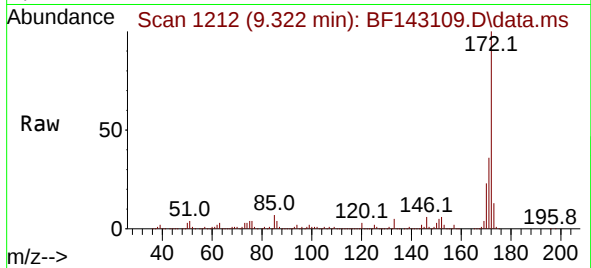




#45
2-Fluorobiphenyl
Concen: 74.643 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

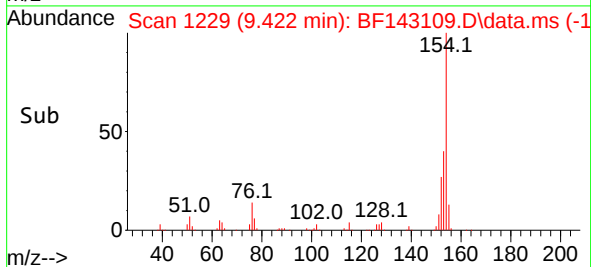
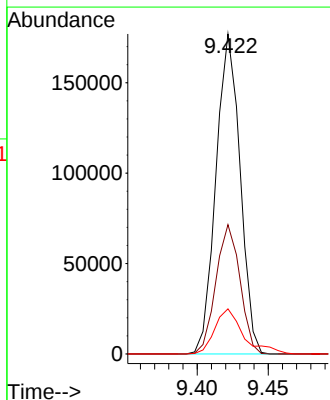
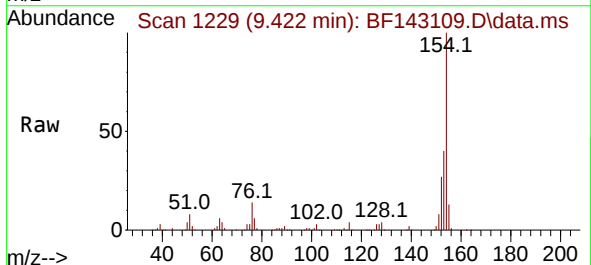
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

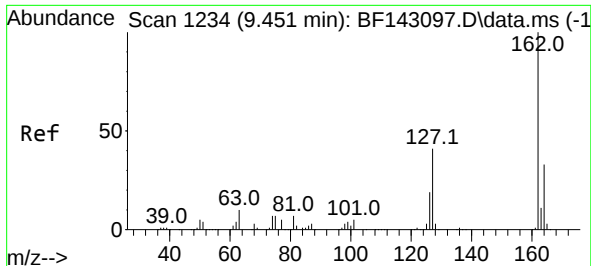
Tgt Ion:172 Resp: 1400571
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 10.490 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:154 Resp: 208663
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 14.1 0.0 33.7

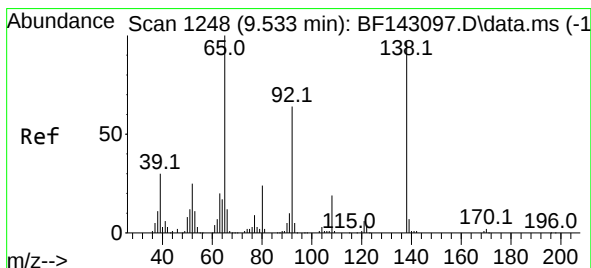
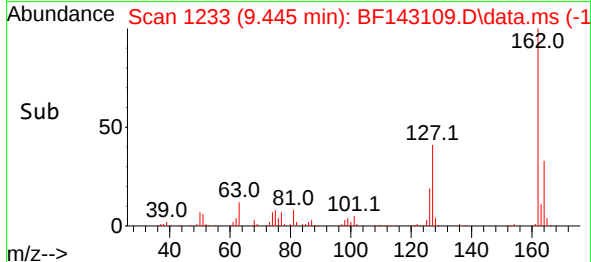
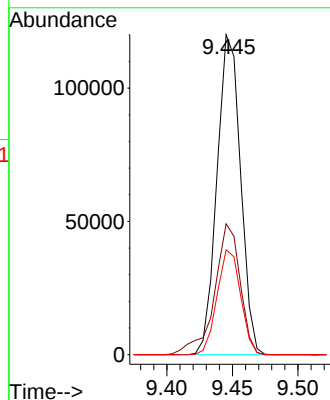
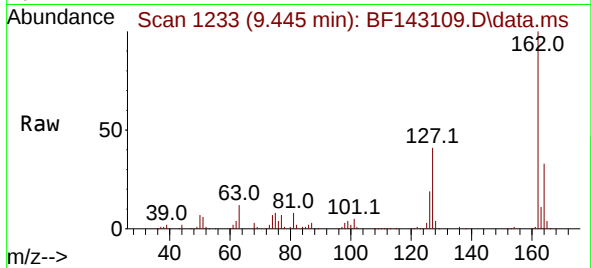




#47
2-Chloronaphthalene
Concen: 10.248 ng
RT: 9.445 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

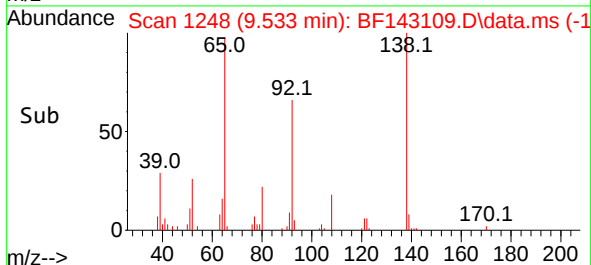
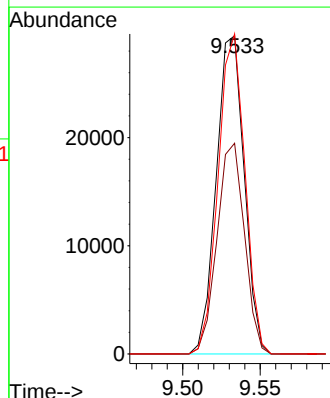
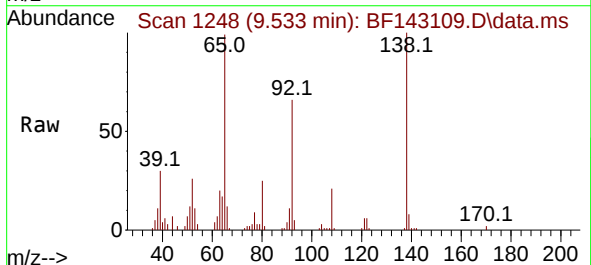
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

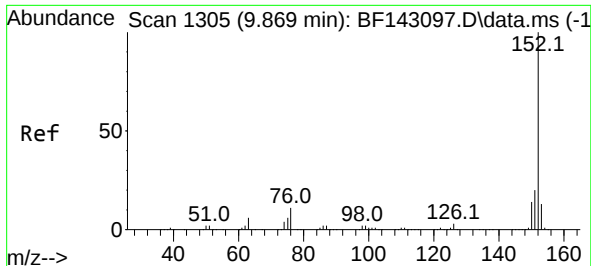
Tgt Ion:162 Resp: 149753
Ion Ratio Lower Upper
162 100
127 40.9 33.0 49.6
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 11.061 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion: 65 Resp: 36838
Ion Ratio Lower Upper
65 100
92 66.2 51.3 76.9
138 100.6 77.8 116.6

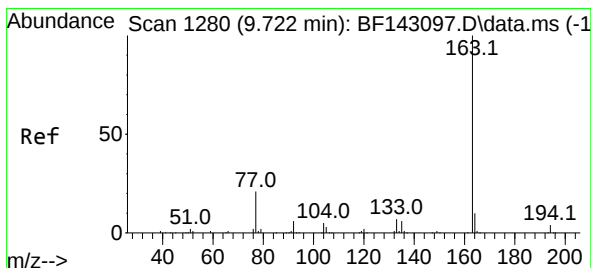
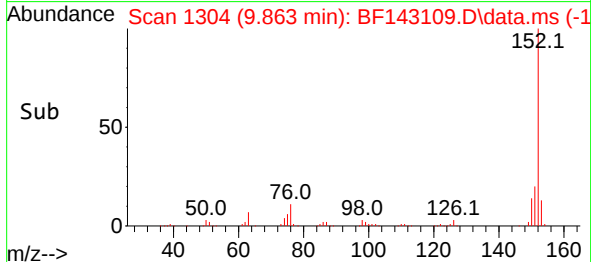
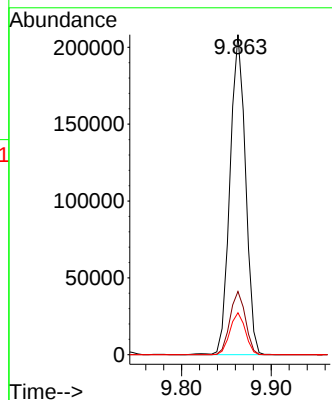
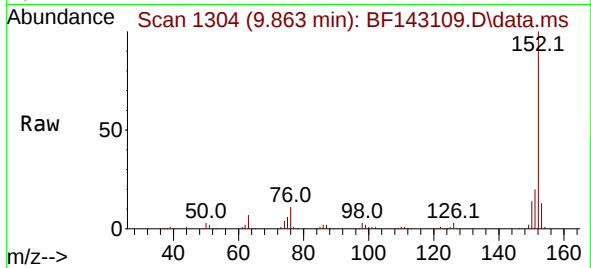




#49
Acenaphthylene
Concen: 10.267 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

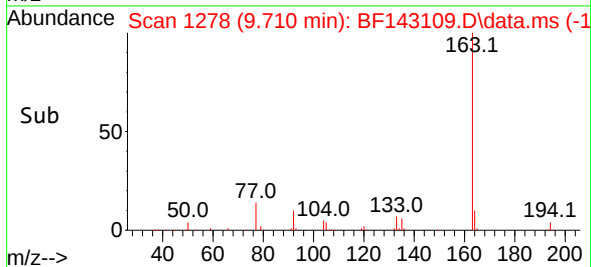
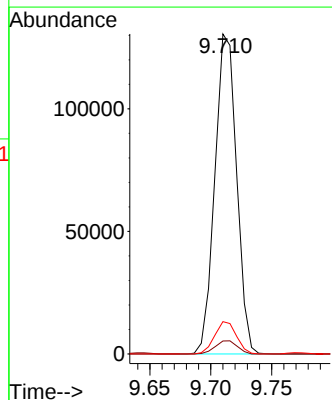
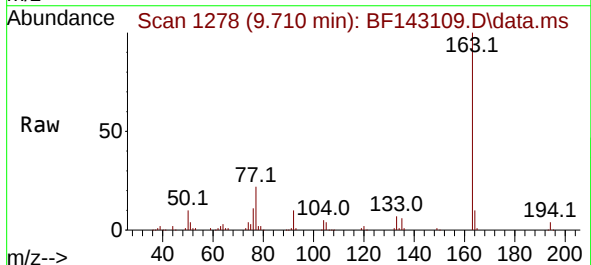
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

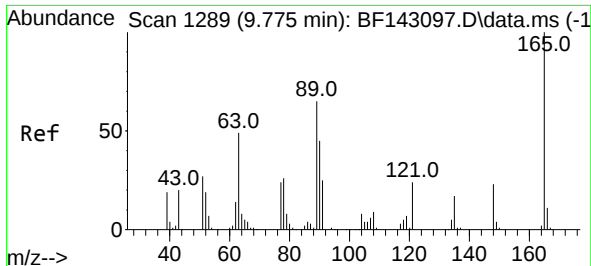
Tgt Ion:152 Resp: 249988
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 10.367 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:163 Resp: 162681
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 10.997 ng

RT: 9.769 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

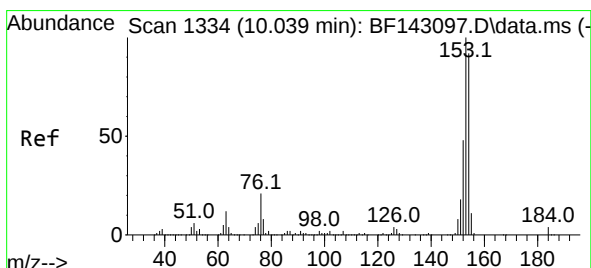
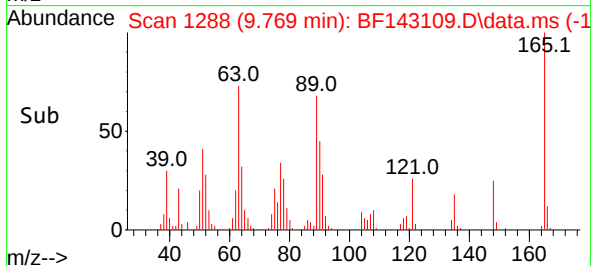
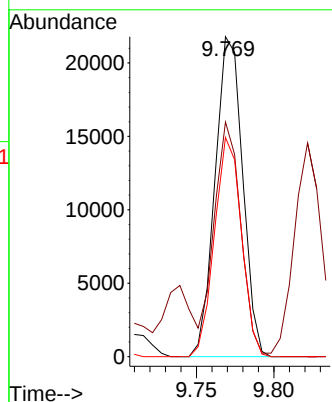
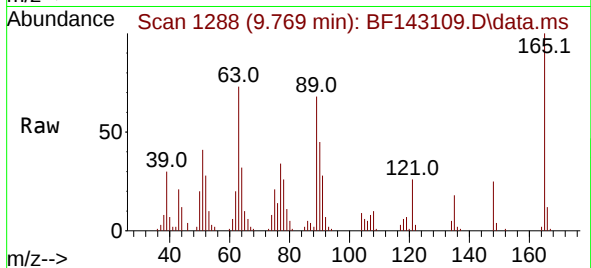
Tgt Ion:165 Resp: 27002

Ion Ratio Lower Upper

165 100

63 73.4 57.4 86.0

89 68.5 51.8 77.8



#52

Acenaphthene

Concen: 10.308 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

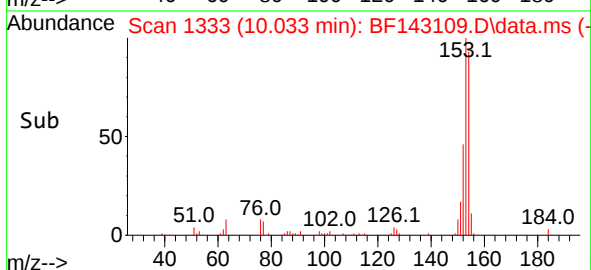
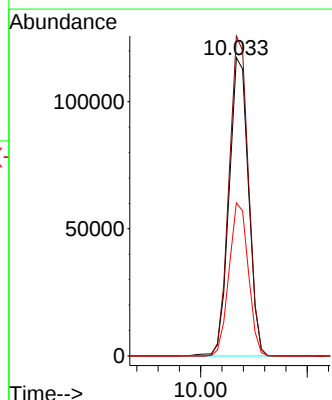
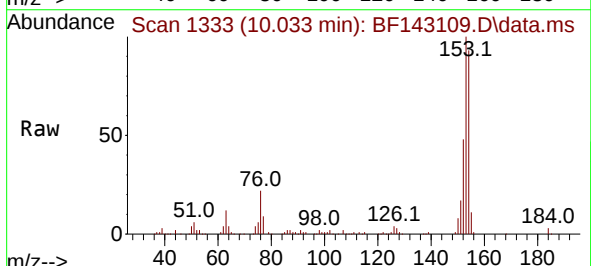
Tgt Ion:154 Resp: 148112

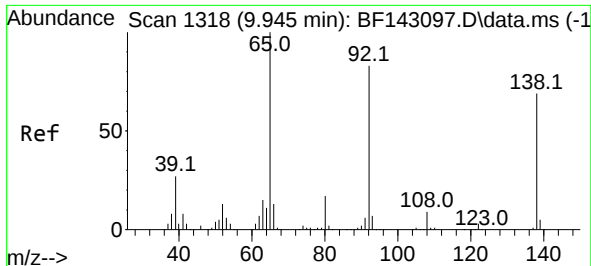
Ion Ratio Lower Upper

154 100

153 107.3 86.7 130.1

152 51.3 41.4 62.2

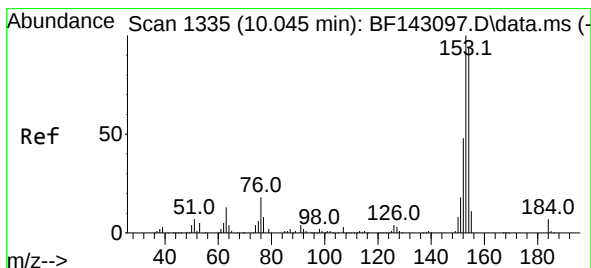
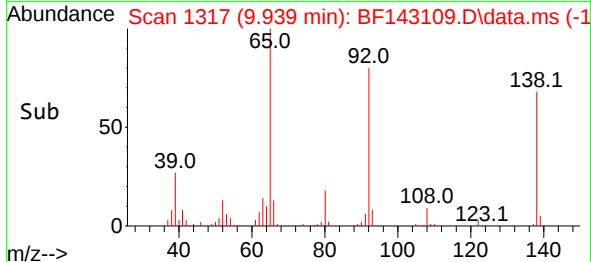
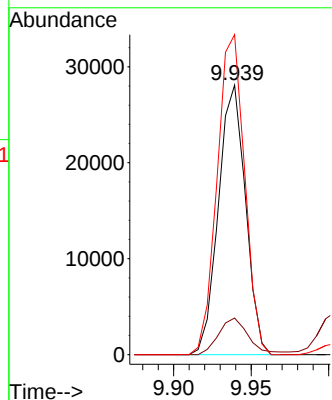
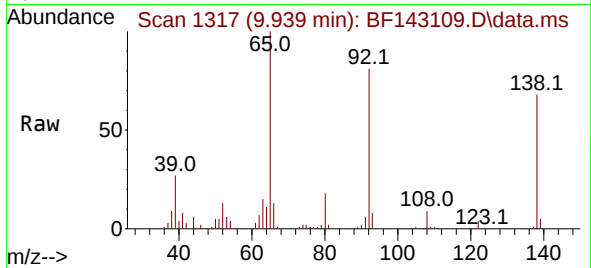




#53
3-Nitroaniline
Concen: 10.072 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

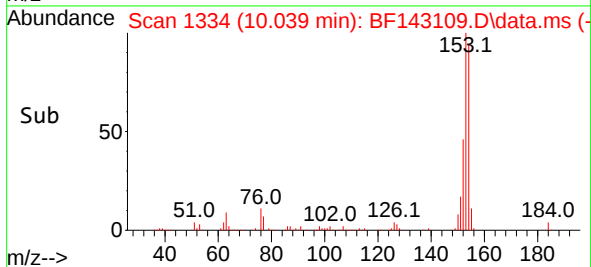
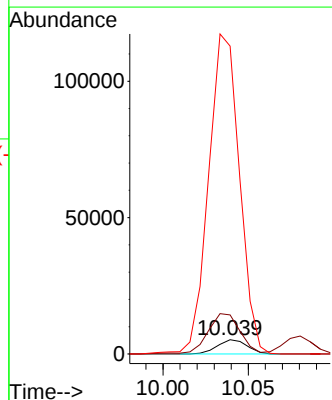
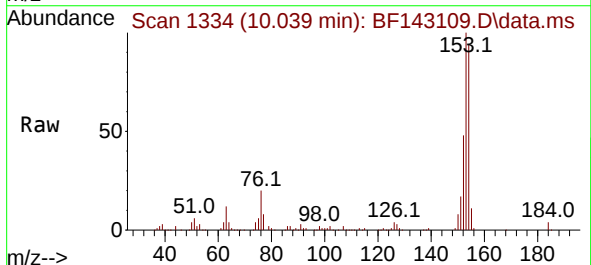
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

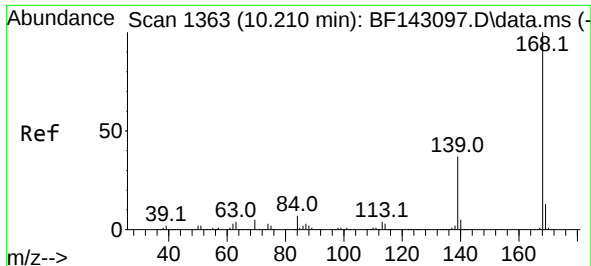
Tgt Ion:138 Resp: 34150
Ion Ratio Lower Upper
138 100
108 13.6 10.1 15.1
92 118.7 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 11.928 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:184 Resp: 6303
Ion Ratio Lower Upper
184 100
63 273.5 149.3 223.9#
154 2158.7 1048.0 1572.0#

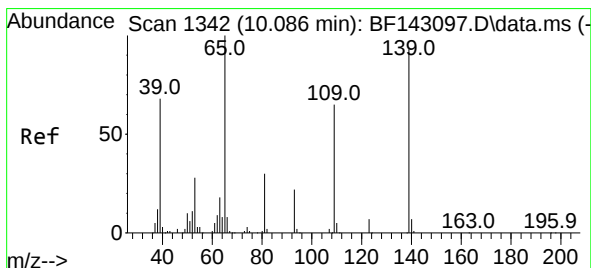
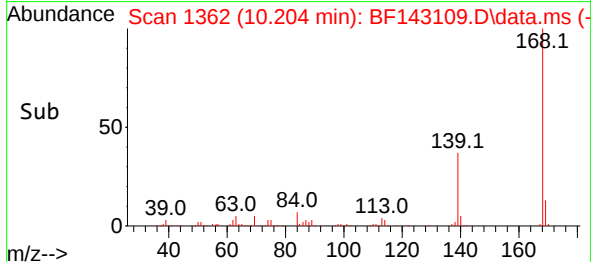
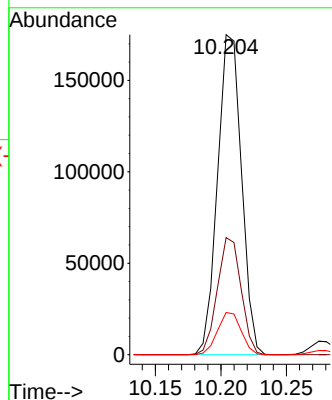
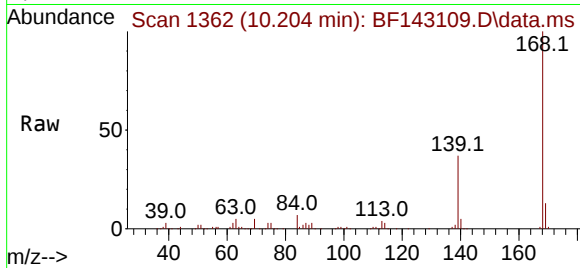




#55
Dibenzenofuran
Concen: 10.369 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

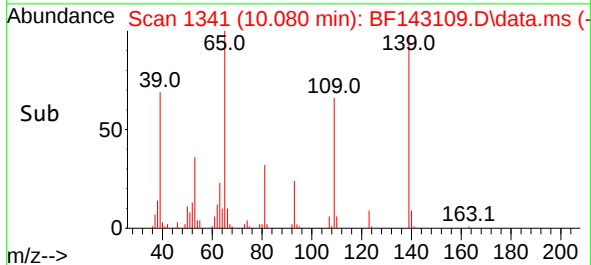
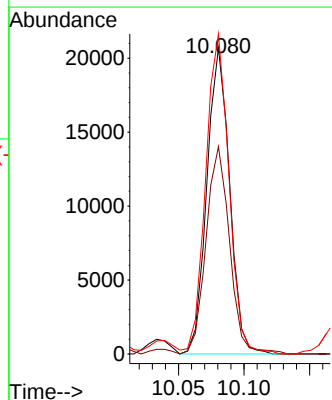
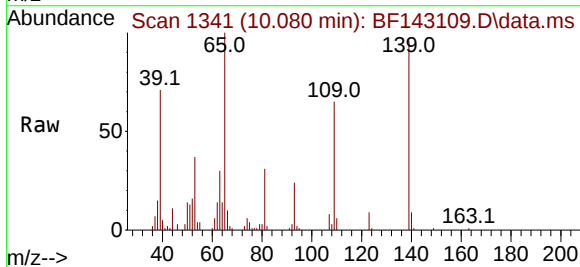
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

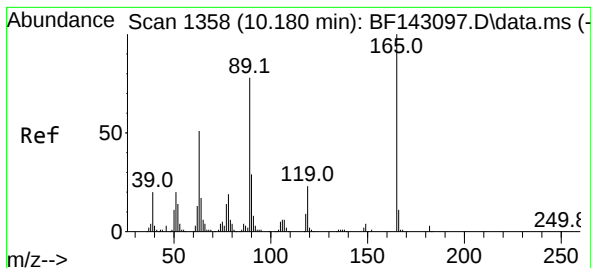
Tgt Ion:168 Resp: 222080
Ion Ratio Lower Upper
168 100
139 36.6 29.8 44.6
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 9.262 ng
RT: 10.080 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:139 Resp: 24959
Ion Ratio Lower Upper
139 100
109 67.7 49.4 89.4
65 104.5 88.2 128.2

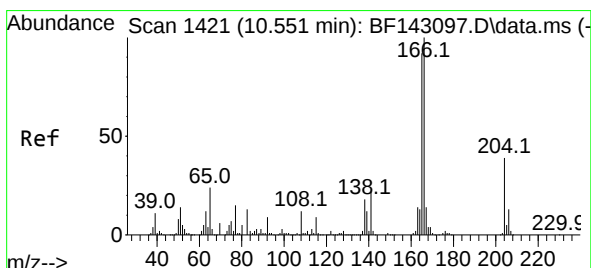
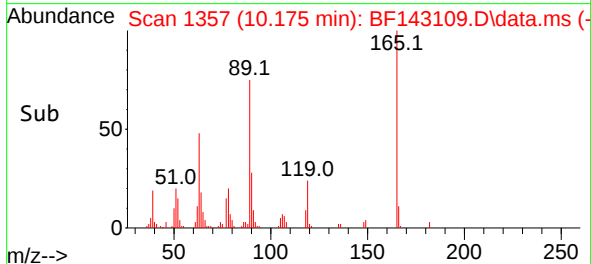
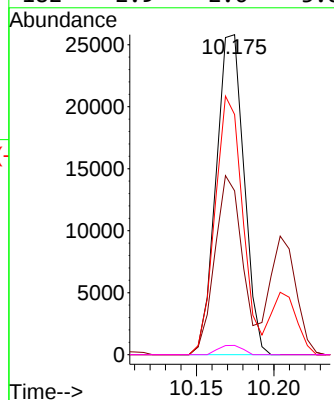
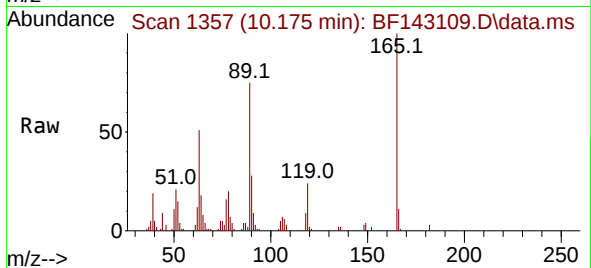




#57
2,4-Dinitrotoluene
Concen: 11.177 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

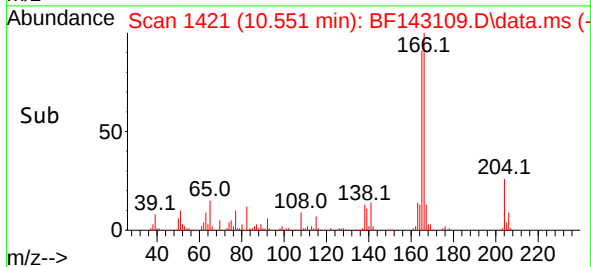
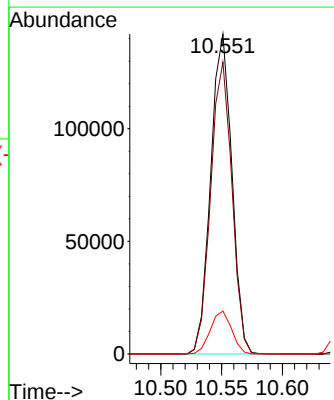
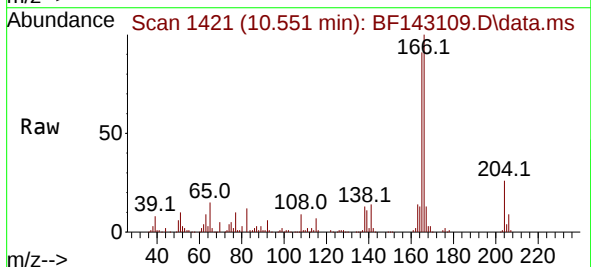
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

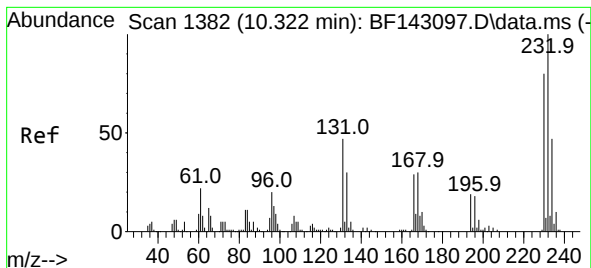
Tgt Ion:	165	Resp:	32412
Ion Ratio	Lower	Upper	
165	100		
63	51.2	40.6	61.0
89	75.0	62.3	93.5
182	2.9	2.6	3.8



#58
Fluorene
Concen: 10.713 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:	166	Resp:	172021
Ion Ratio	Lower	Upper	
166	100		
165	91.2	73.7	110.5
167	13.4	10.9	16.3

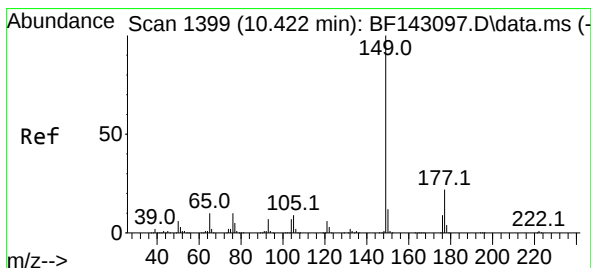
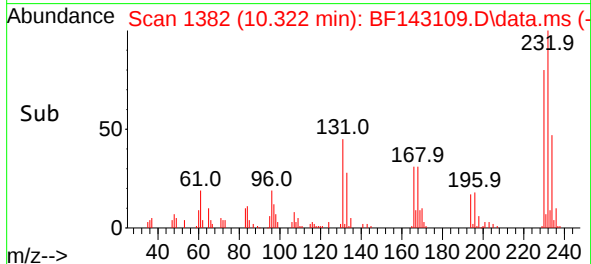
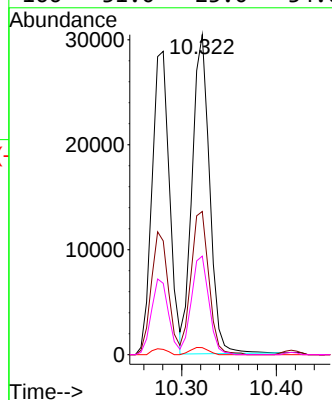
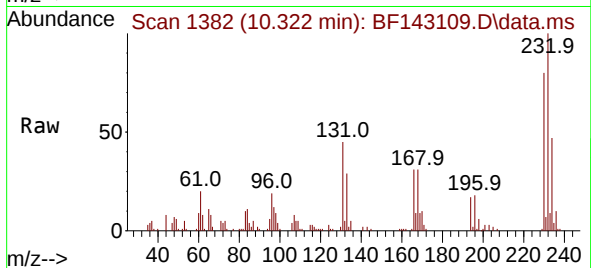




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.331 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

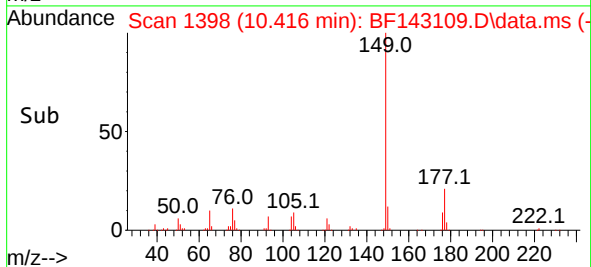
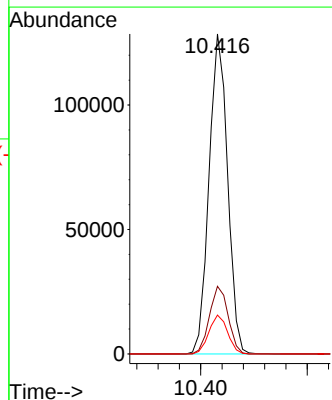
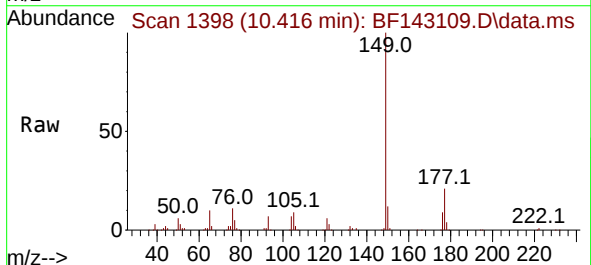
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

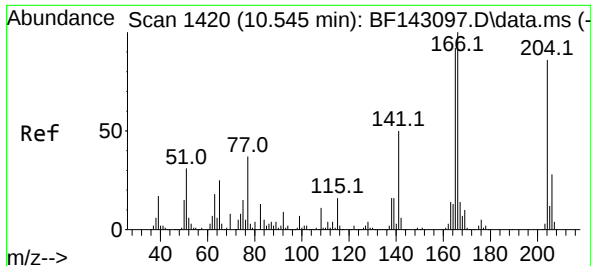
Tgt Ion:232 Resp: 38880
Ion Ratio Lower Upper
232 100
131 45.9 36.9 55.3
130 2.3 1.8 2.8
166 31.0 23.0 34.6



#60
Diethylphthalate
Concen: 10.263 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:149 Resp: 155375
Ion Ratio Lower Upper
149 100
177 21.1 17.3 25.9
150 12.2 9.9 14.9

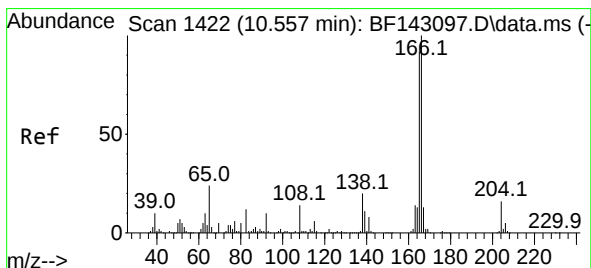
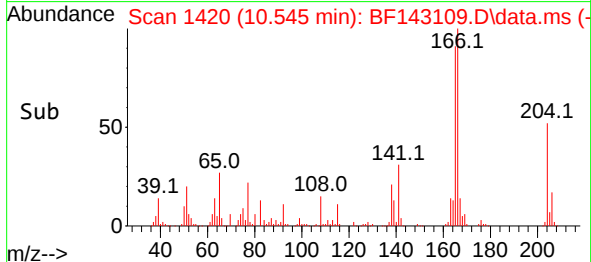
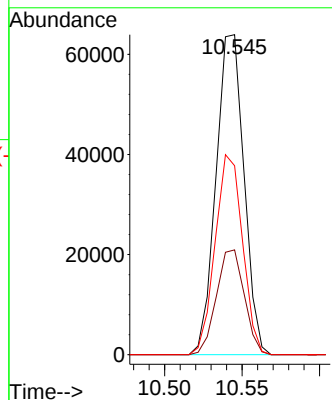
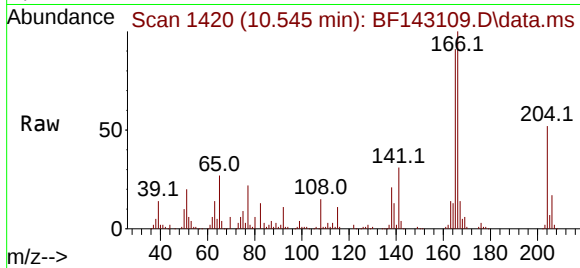




#61
4-Chlorophenyl-phenylether
Concen: 10.444 ng
RT: 10.545 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

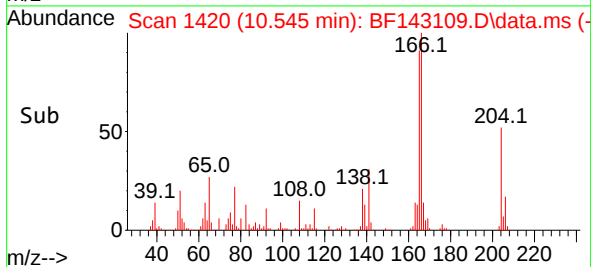
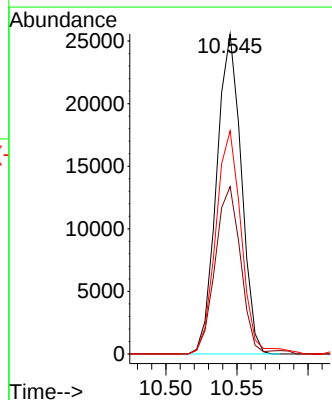
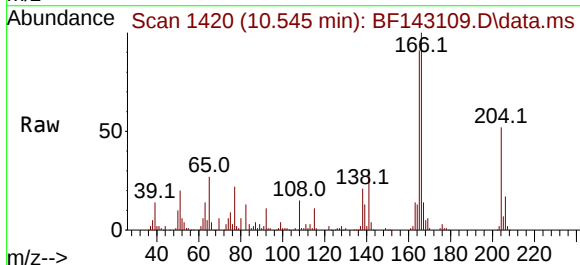
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

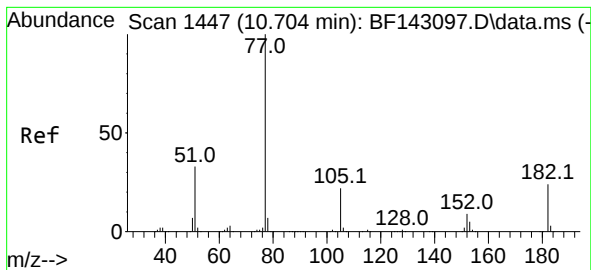
Tgt Ion:204 Resp: 80374
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 59.0 46.8 70.2



#62
4-Nitroaniline
Concen: 10.451 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:138 Resp: 30817
Ion Ratio Lower Upper
138 100
92 52.3 30.4 70.4
108 69.7 49.5 89.5





#63

Azobenzene

Concen: 10.161 ng

RT: 10.704 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 77 Resp: 170119

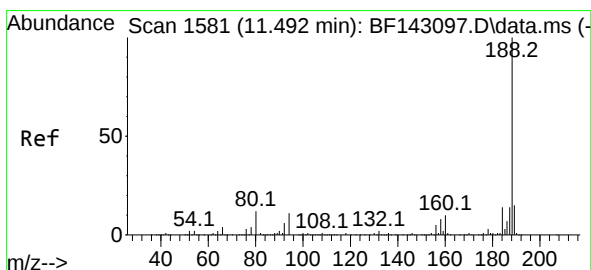
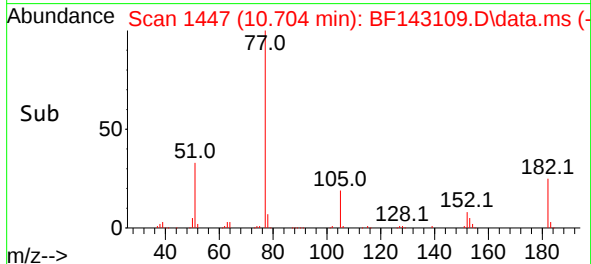
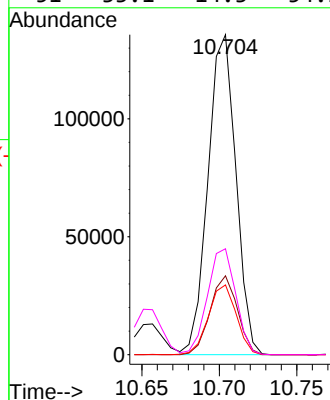
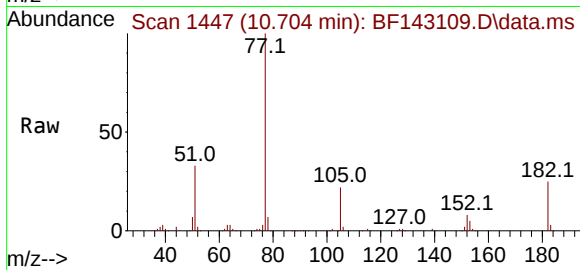
Ion Ratio Lower Upper

77 100

182 24.7 4.0 44.0

105 21.8 1.4 41.4

51 33.1 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: BF143109.D

Acq: 16 Jul 2025 12:36

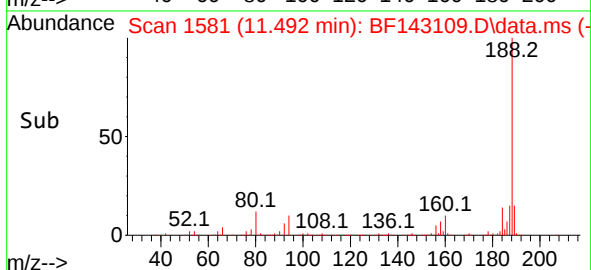
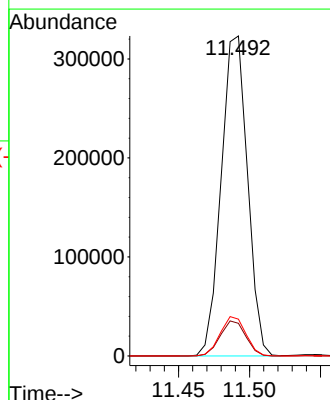
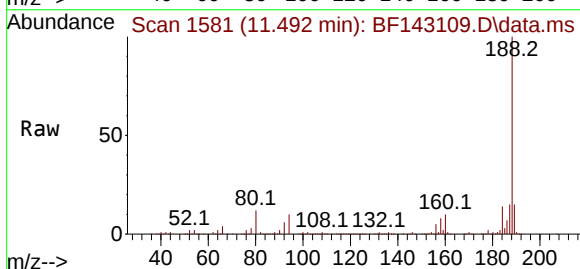
Tgt Ion: 188 Resp: 416328

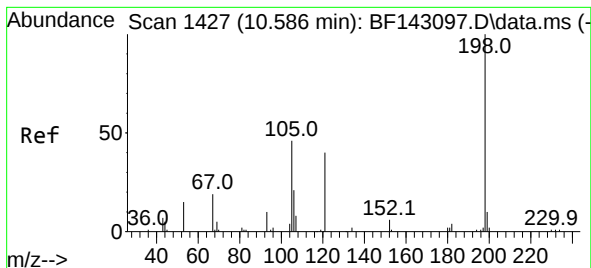
Ion Ratio Lower Upper

188 100

94 10.2 8.6 13.0

80 11.5 9.3 13.9

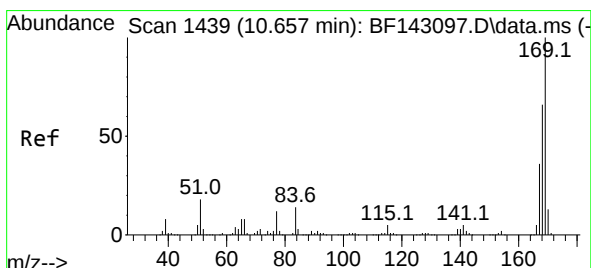
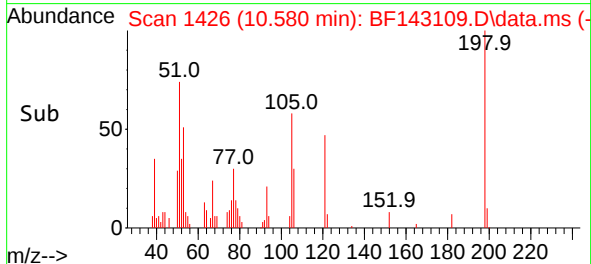
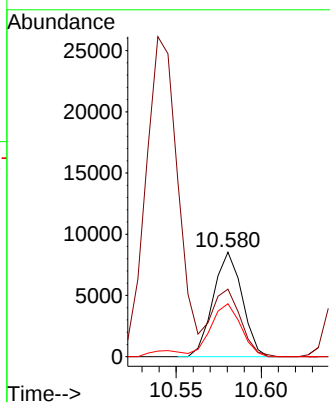
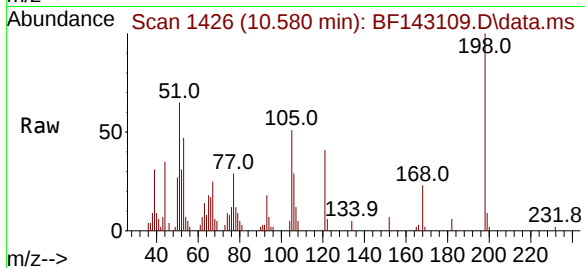




#65
4,6-Dinitro-2-methylphenol
Concen: 12.139 ng
RT: 10.580 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

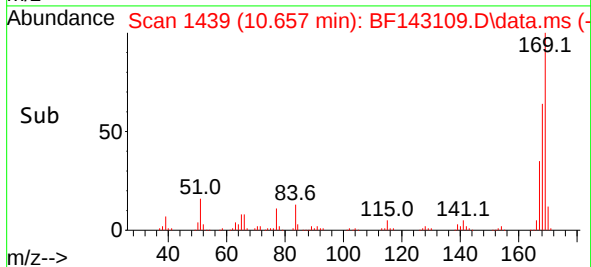
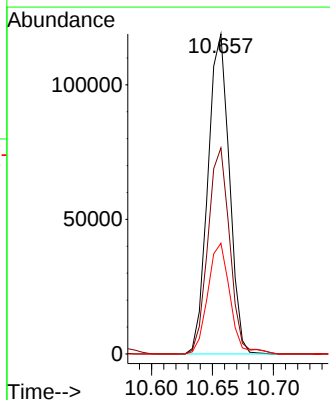
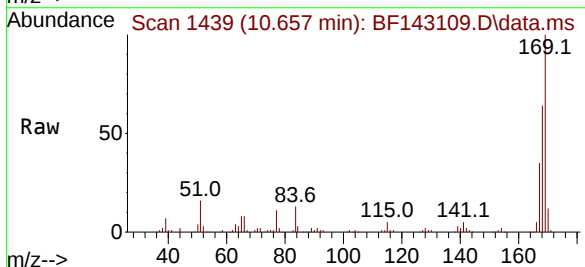
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

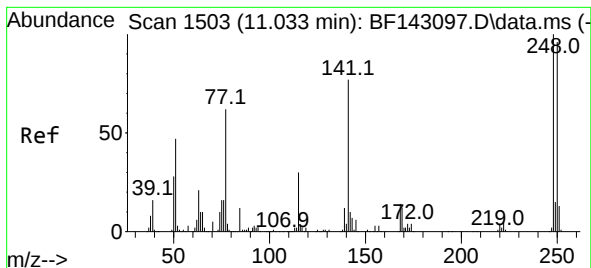
Tgt Ion:198 Resp: 10063
Ion Ratio Lower Upper
198 100
51 64.6 44.6 84.6
105 50.7 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 9.943 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:169 Resp: 145409
Ion Ratio Lower Upper
169 100
168 64.4 53.0 79.6
167 34.6 28.4 42.6





#67

4-Bromophenyl-phenylether

Concen: 9.852 ng

RT: 11.033 min Scan# 1503

Delta R.T. -0.000 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

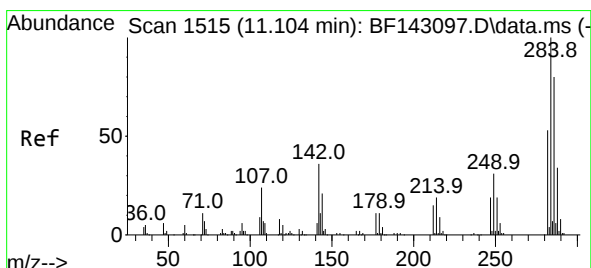
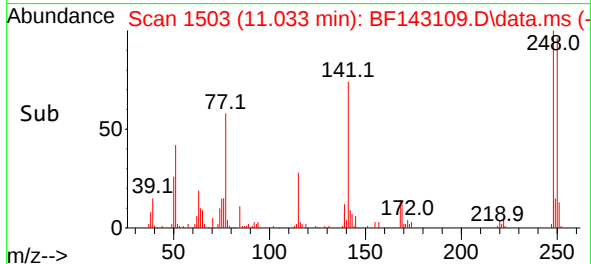
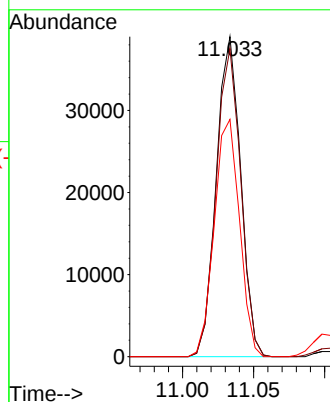
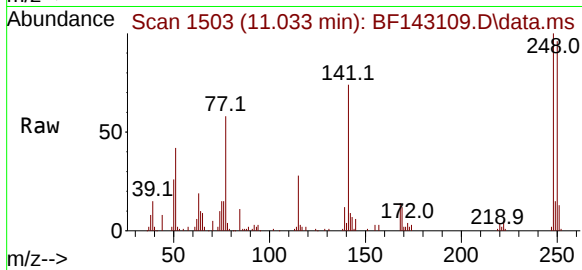
Tgt Ion:248 Resp: 46647

Ion Ratio Lower Upper

248 100

250 96.3 76.7 115.1

141 74.1 61.7 92.5



#68

Hexachlorobenzene

Concen: 9.704 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

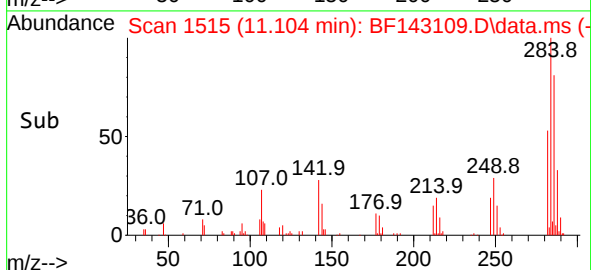
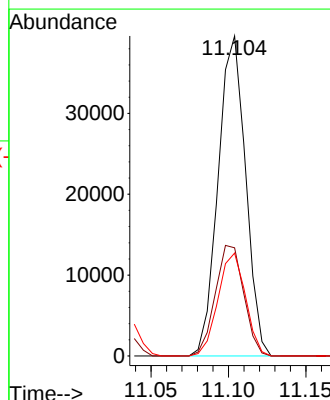
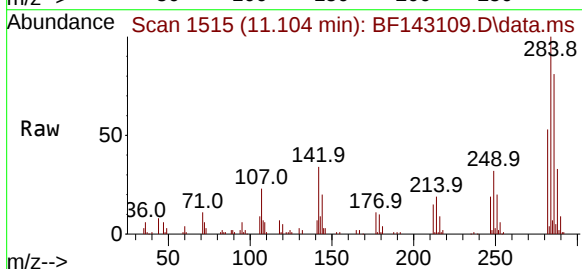
Tgt Ion:284 Resp: 48751

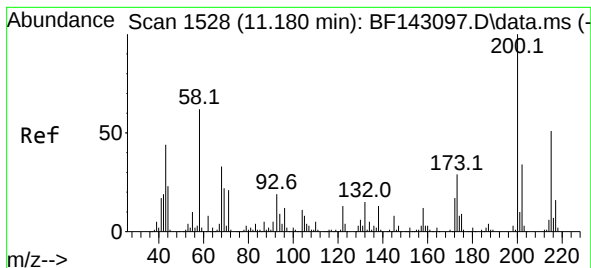
Ion Ratio Lower Upper

284 100

142 33.8 28.9 43.3

249 32.2 24.6 37.0





#69

Atrazine

Concen: 9.746 ng

RT: 11.175 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

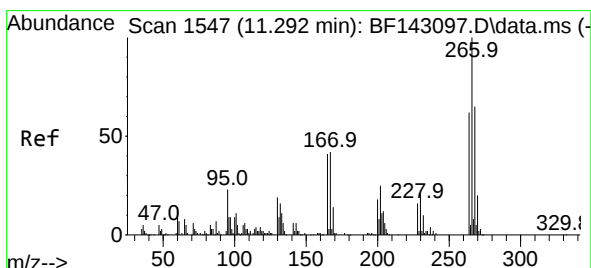
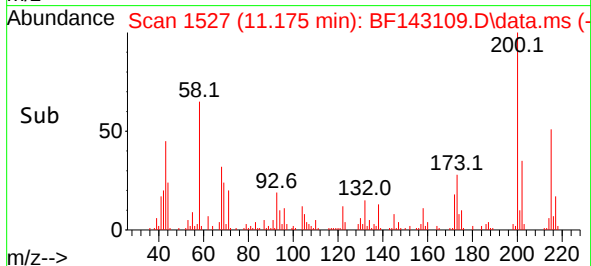
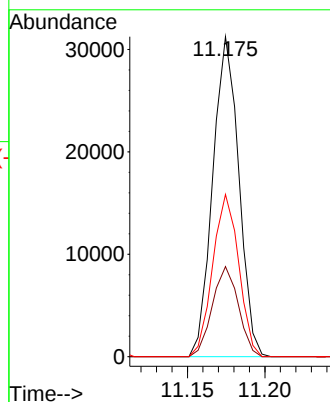
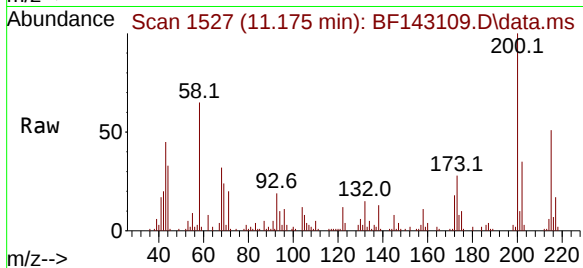
Tgt Ion:200 Resp: 36465

Ion Ratio Lower Upper

200 100

173 28.1 9.1 49.1

215 50.7 31.0 71.0



#70

Pentachlorophenol

Concen: 8.701 ng

RT: 11.286 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

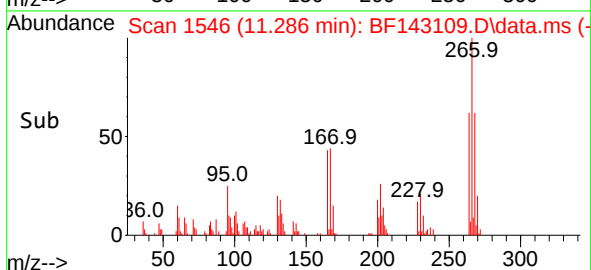
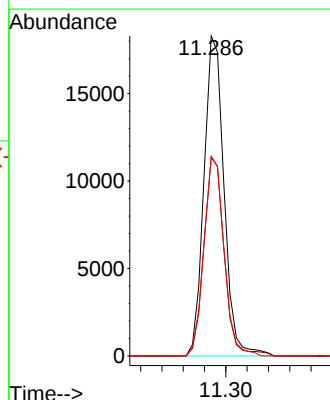
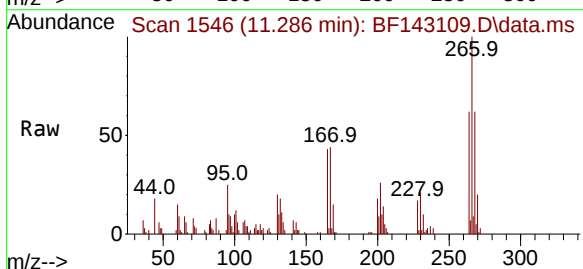
Tgt Ion:266 Resp: 23980

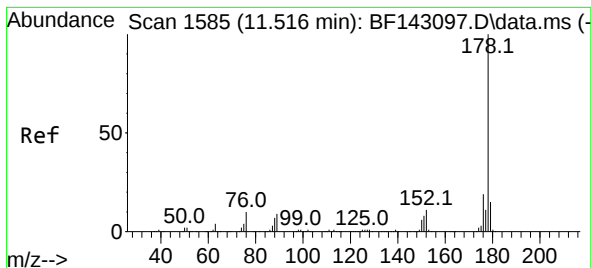
Ion Ratio Lower Upper

266 100

268 62.3 51.8 77.6

264 62.1 49.7 74.5





#71

Phenanthrene

Concen: 10.242 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

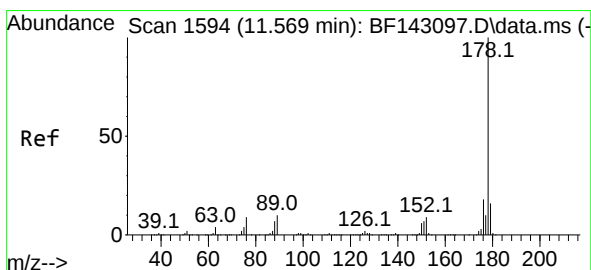
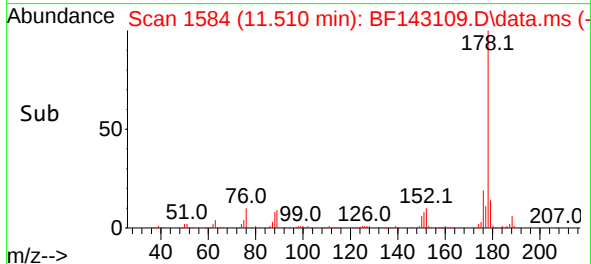
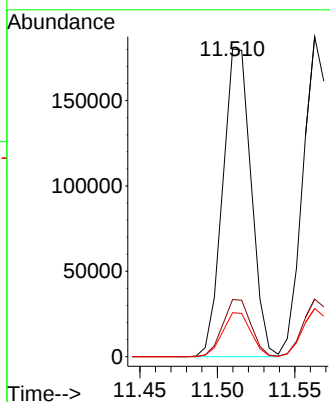
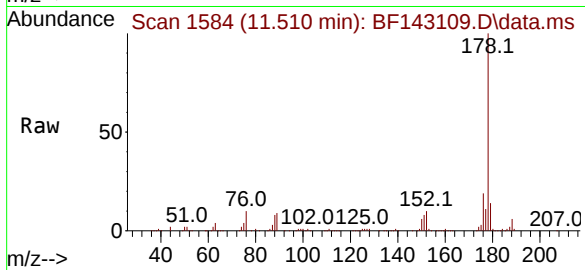
Tgt Ion:178 Resp: 230120

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 14.3 12.2 18.4



#72

Anthracene

Concen: 10.133 ng

RT: 11.563 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

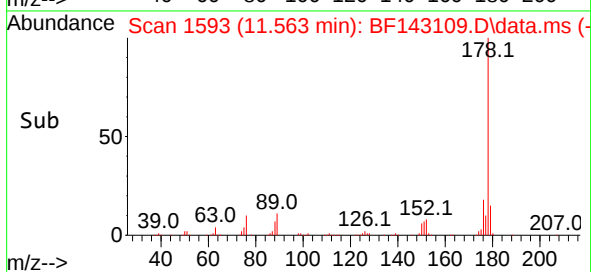
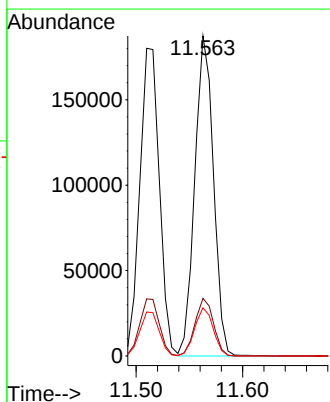
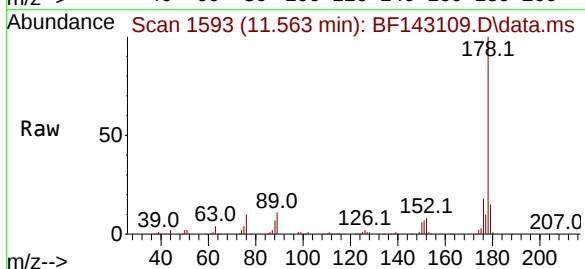
Tgt Ion:178 Resp: 228958

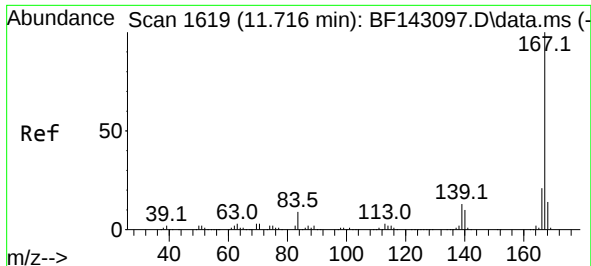
Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

179 15.1 12.4 18.6

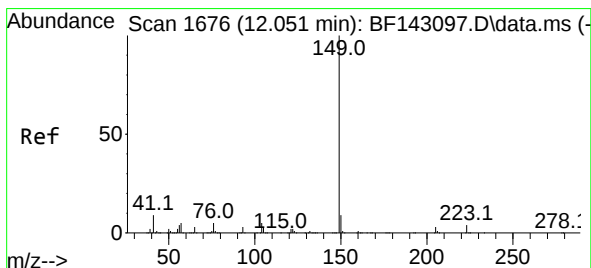
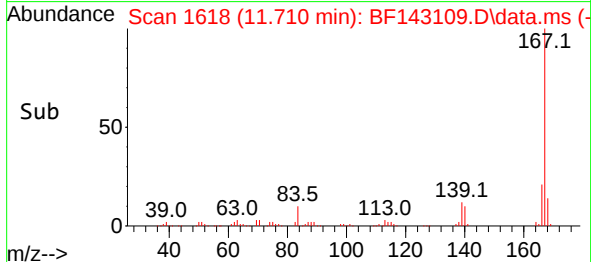
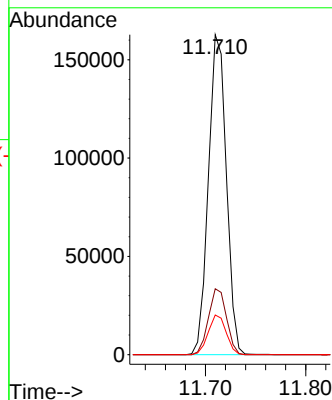
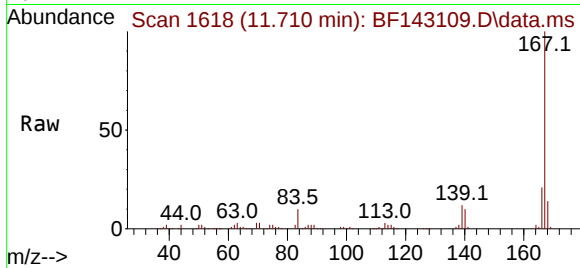




#73
 Carbazole
 Concen: 10.015 ng
 RT: 11.710 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF143109.D
 Acq: 16 Jul 2025 12:36

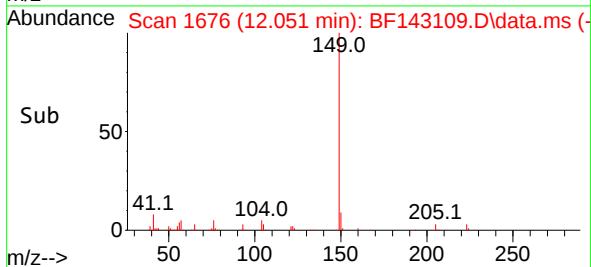
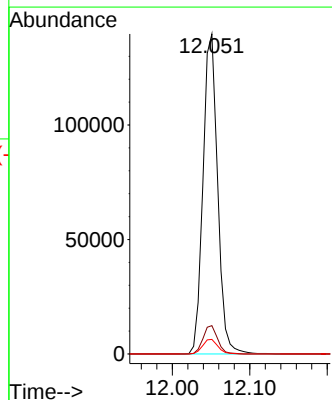
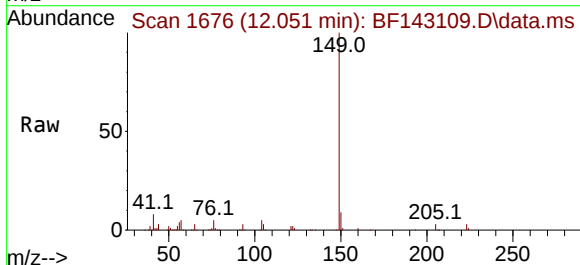
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

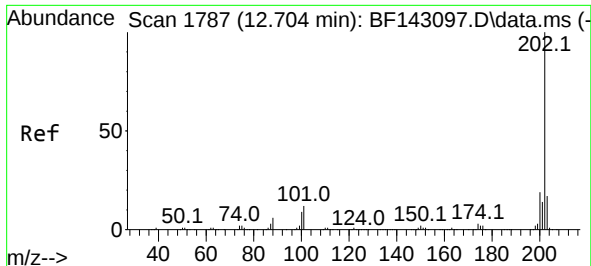
Tgt Ion:167 Resp: 202722
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.0 25.4
 139 12.4 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 9.865 ng
 RT: 12.051 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF143109.D
 Acq: 16 Jul 2025 12:36

Tgt Ion:149 Resp: 183291
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 4.6 3.8 5.8

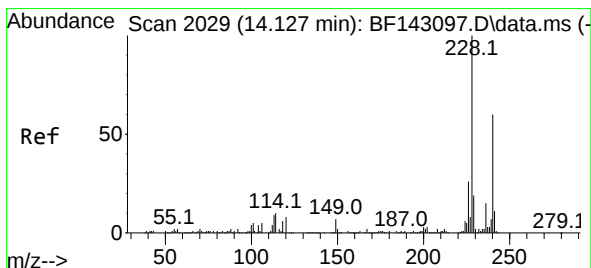
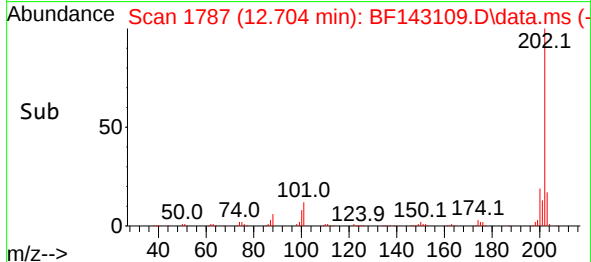
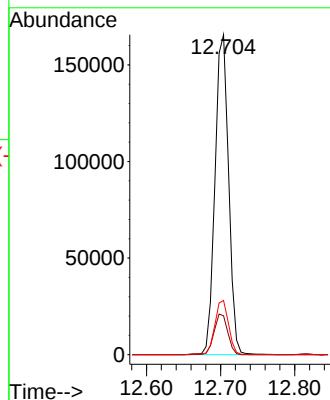
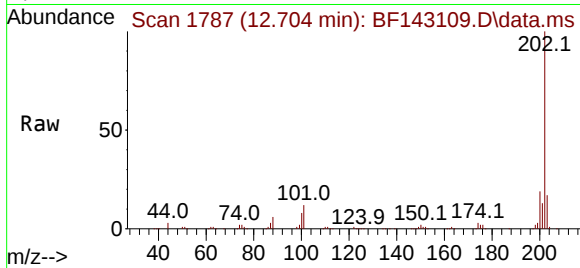




#75
Fluoranthene
Concen: 10.319 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

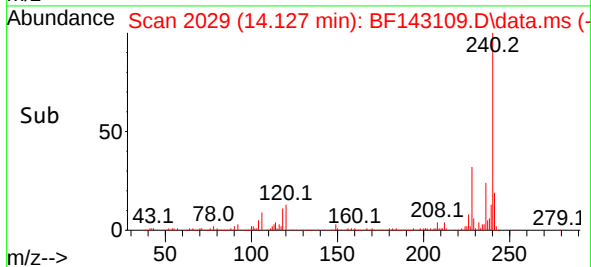
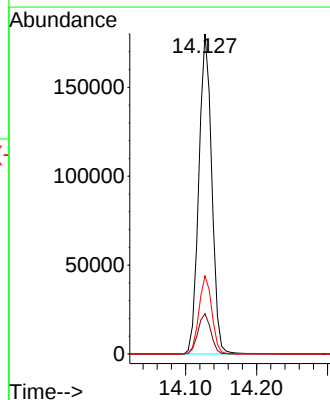
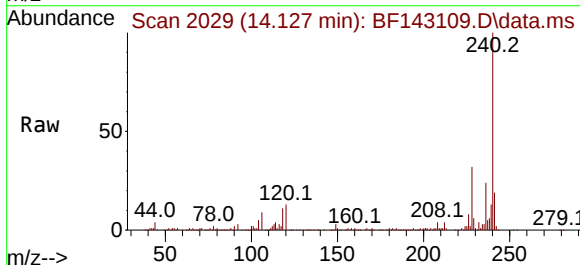
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

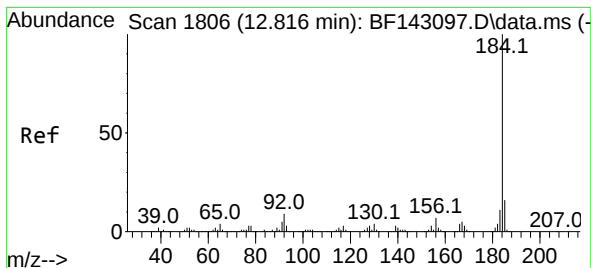
Tgt Ion:202 Resp: 210821
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.4
203 16.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:240 Resp: 228100
Ion Ratio Lower Upper
240 100
120 12.6 10.0 15.0
236 24.4 20.0 30.0





#77

Benzidine

Concen: 10.374 ng

RT: 12.816 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

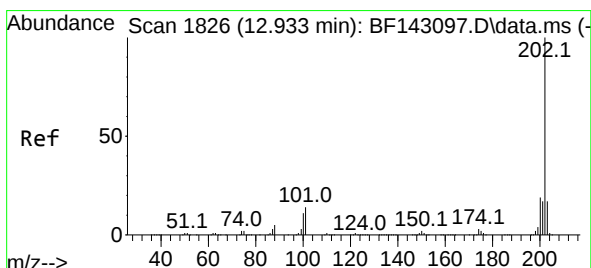
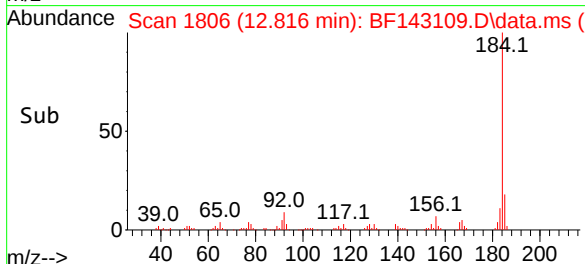
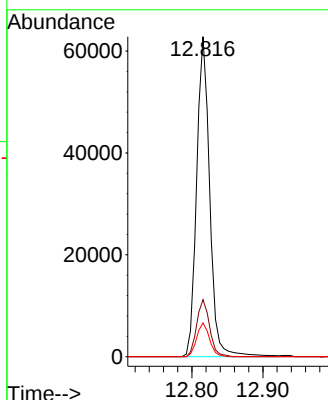
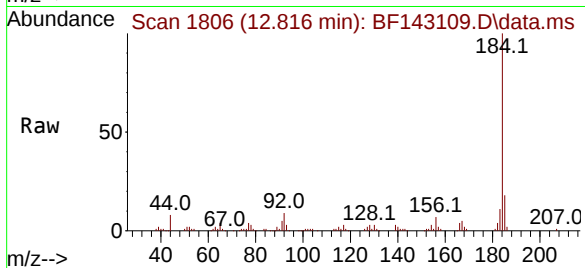
Tgt Ion:184 Resp: 80620

Ion Ratio Lower Upper

184 100

185 17.8 12.4 18.6

183 10.5 8.6 12.8



#78

Pyrene

Concen: 10.171 ng

RT: 12.933 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

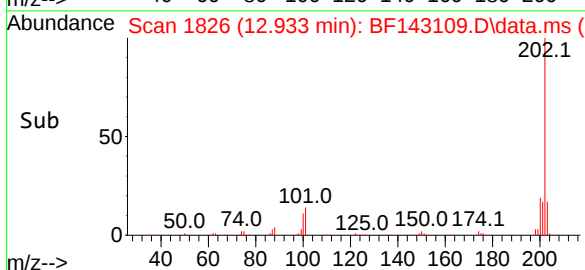
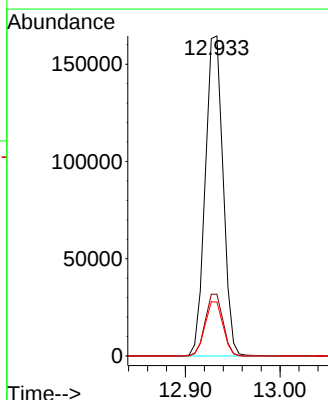
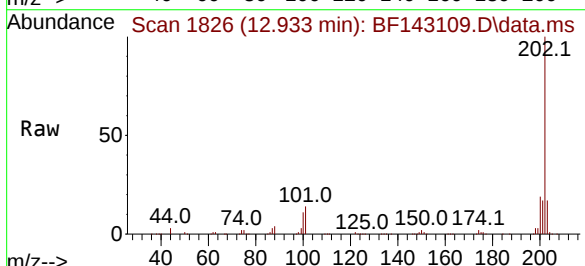
Tgt Ion:202 Resp: 215266

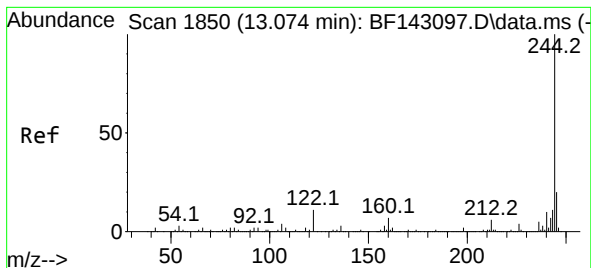
Ion Ratio Lower Upper

202 100

200 19.3 15.5 23.3

203 16.8 14.0 21.0





#79

Terphenyl-d14

Concen: 81.927 ng

RT: 13.074 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

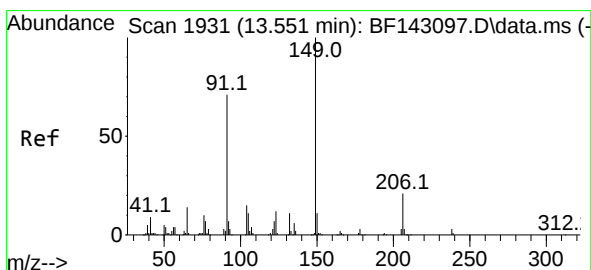
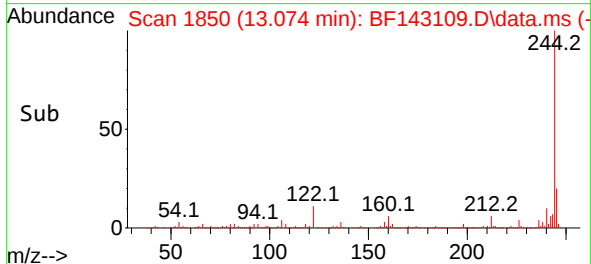
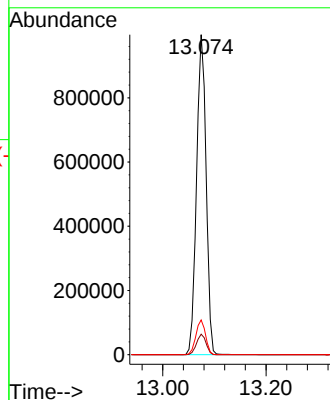
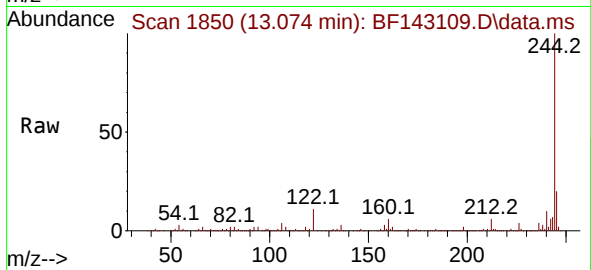
Tgt Ion:244 Resp: 1278389

Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

122 10.9 8.8 13.2



#80

Butylbenzylphthalate

Concen: 9.984 ng

RT: 13.545 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

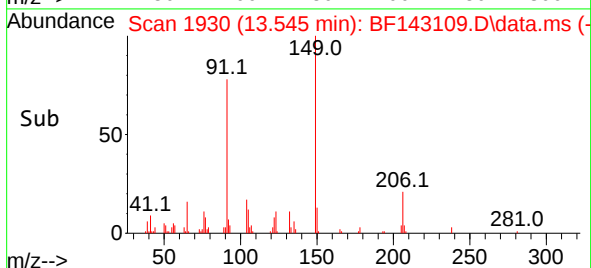
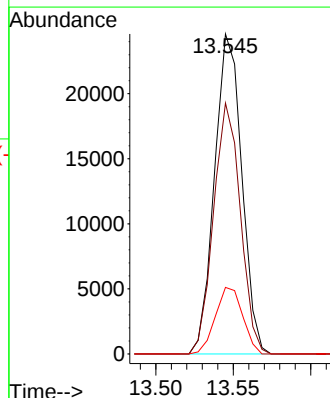
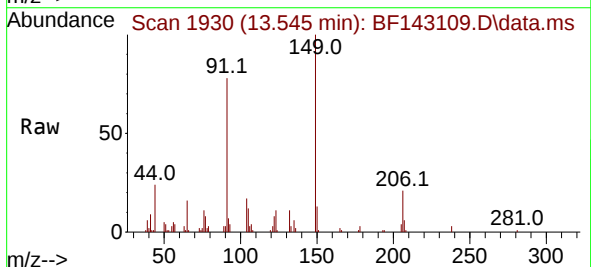
Tgt Ion:149 Resp: 30087

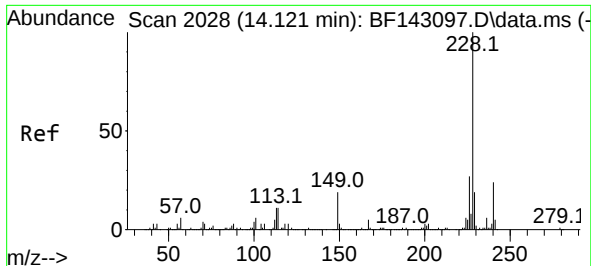
Ion Ratio Lower Upper

149 100

91 78.4 57.0 85.4

206 20.8 17.2 25.8

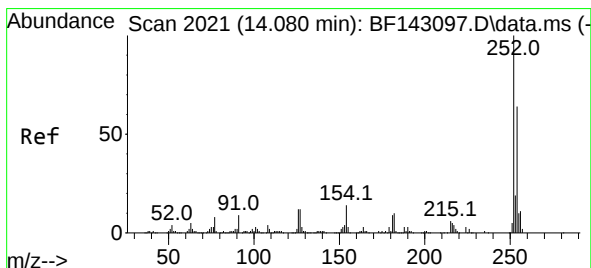
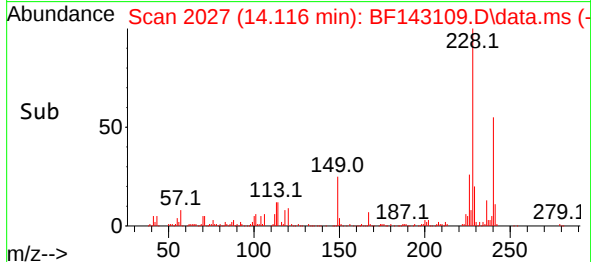
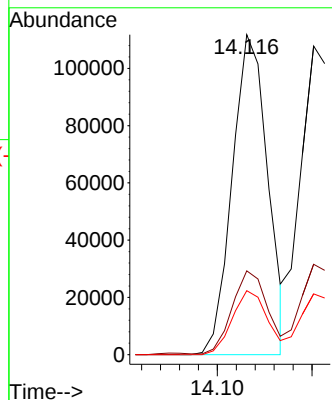
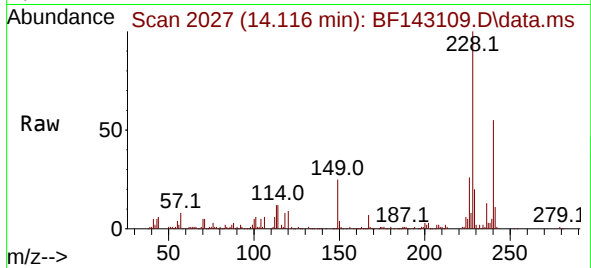




#81
Benzo(a)anthracene
Concen: 9.572 ng
RT: 14.116 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

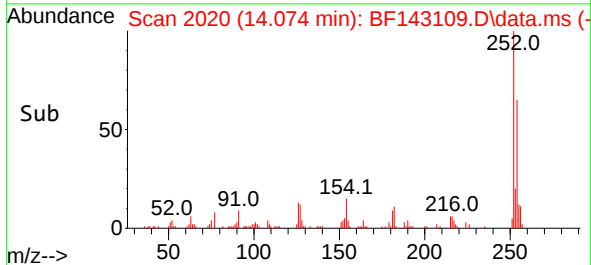
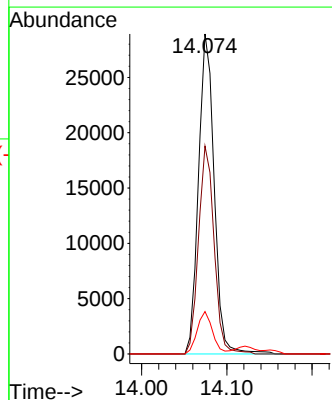
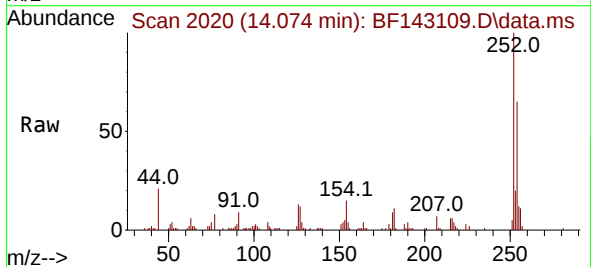
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

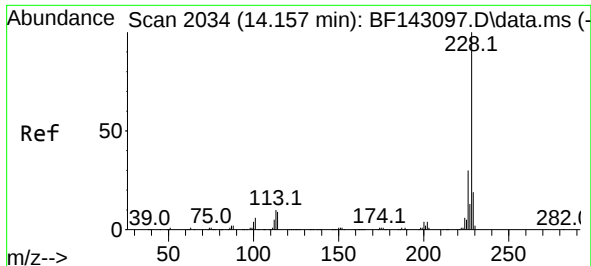
Tgt Ion:228 Resp: 145487
Ion Ratio Lower Upper
228 100
226 26.2 21.3 31.9
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 8.393 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:252 Resp: 37045
Ion Ratio Lower Upper
252 100
254 65.0 51.5 77.3
126 13.3 9.4 14.0

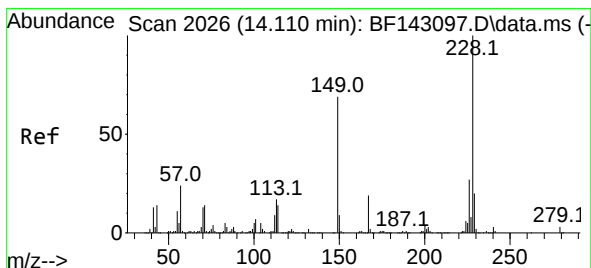
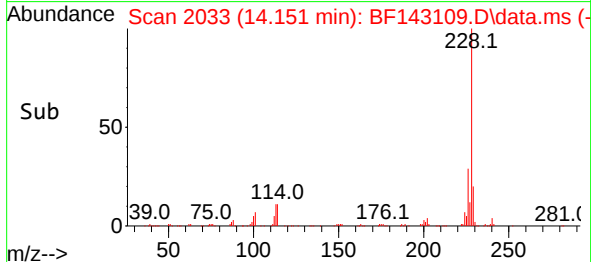
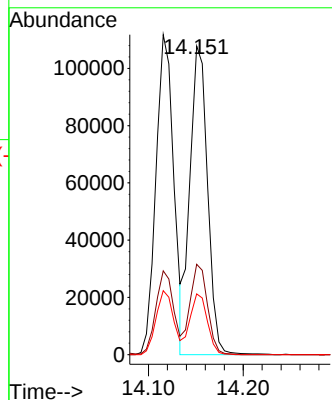
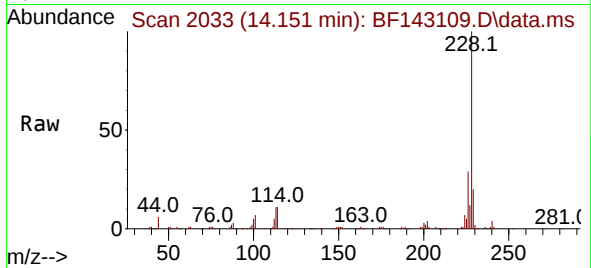




#83
Chrysene
Concen: 9.995 ng
RT: 14.151 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

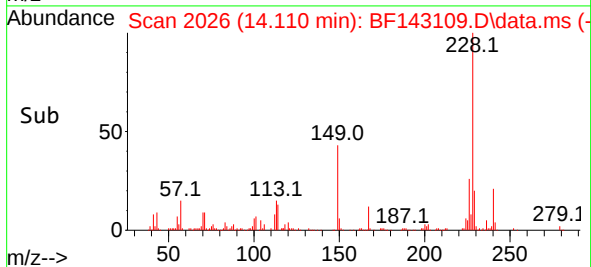
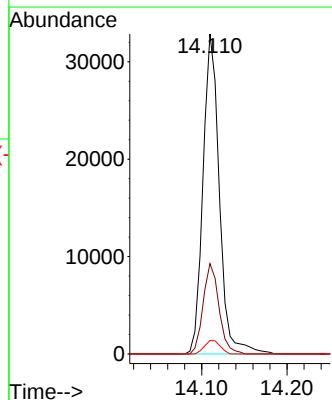
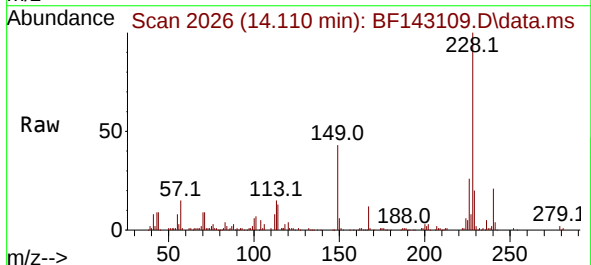
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2025

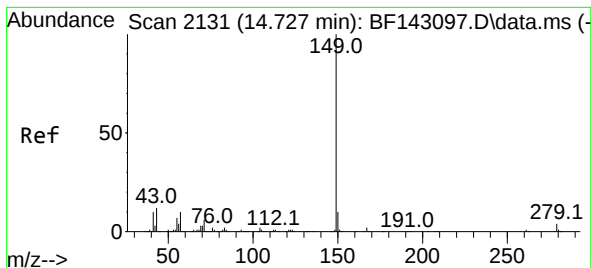
Tgt Ion:228 Resp: 139923
Ion Ratio Lower Upper
228 100
226 29.3 23.4 35.2
229 19.7 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.761 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:149 Resp: 43837
Ion Ratio Lower Upper
149 100
167 28.2 21.9 32.9
279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 11.726 ng

RT: 14.727 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF143109.D

Acq: 16 Jul 2025 12:36

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2025

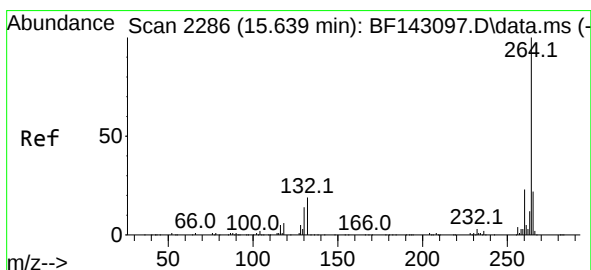
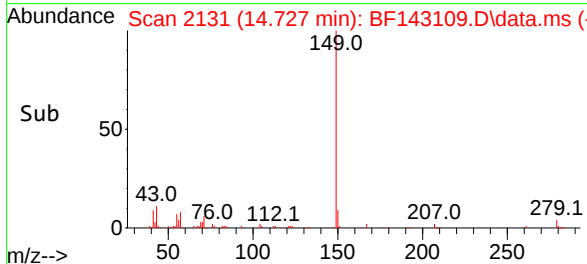
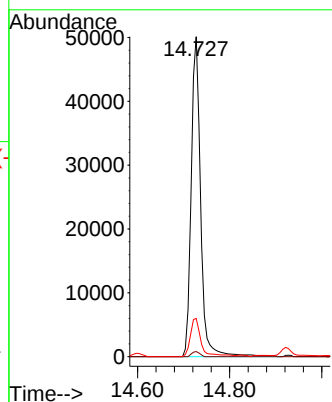
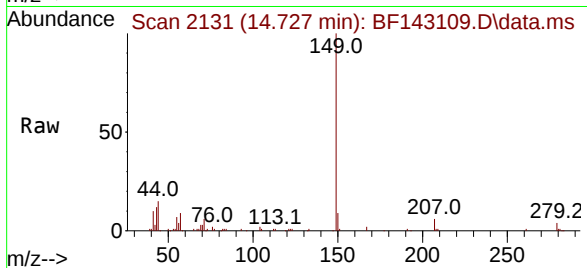
Tgt Ion:149 Resp: 70986

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 13.6 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: BF143109.D

Acq: 16 Jul 2025 12:36

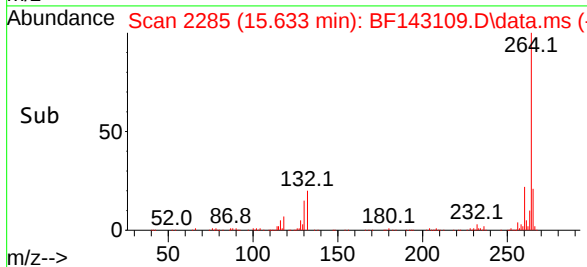
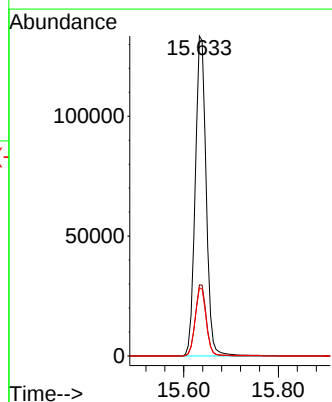
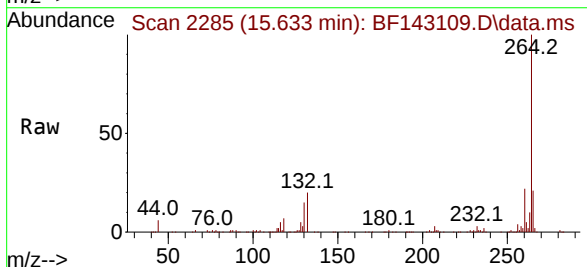
Tgt Ion:264 Resp: 213644

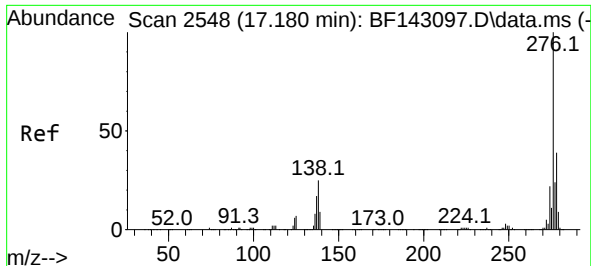
Ion Ratio Lower Upper

264 100

260 22.2 18.5 27.7

265 21.3 17.5 26.3

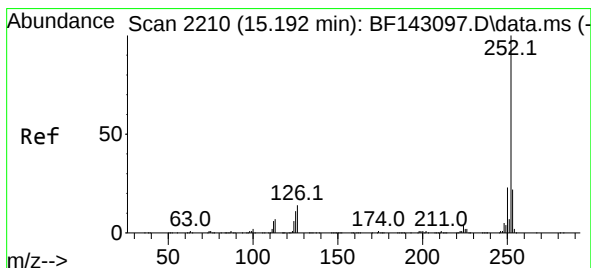
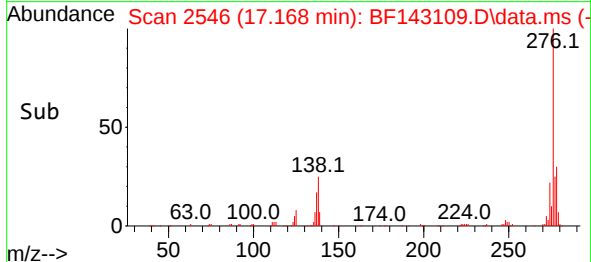
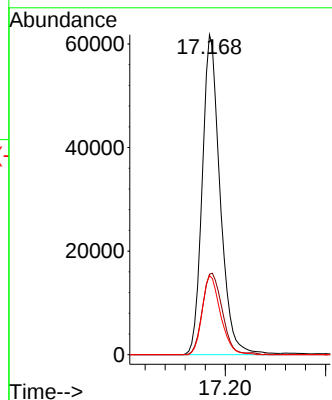
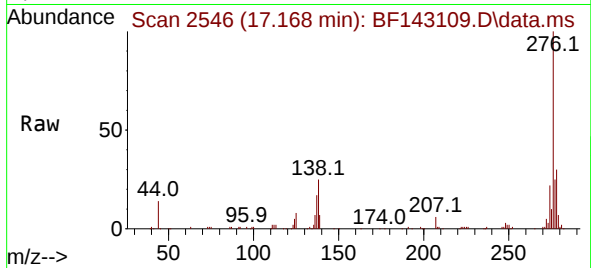




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.640 ng
RT: 17.168 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

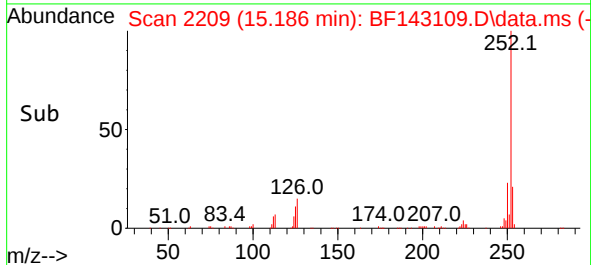
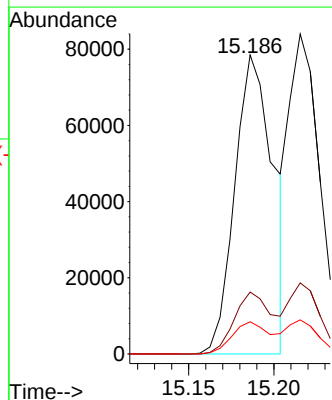
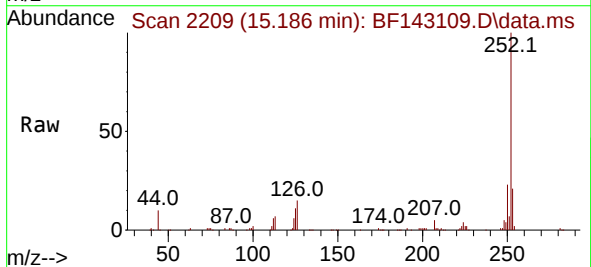
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2025

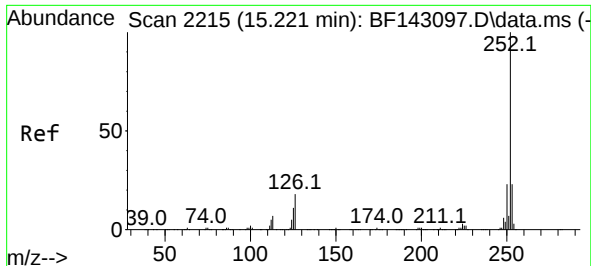
Tgt Ion:276 Resp: 153175
Ion Ratio Lower Upper
276 100
138 28.3 22.6 34.0
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 9.975 ng
RT: 15.186 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:252 Resp: 122931
Ion Ratio Lower Upper
252 100
253 20.7 17.5 26.3
125 10.8 8.6 13.0

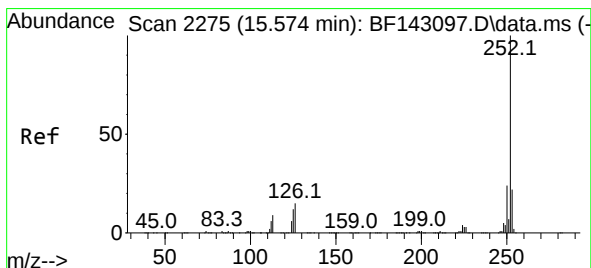
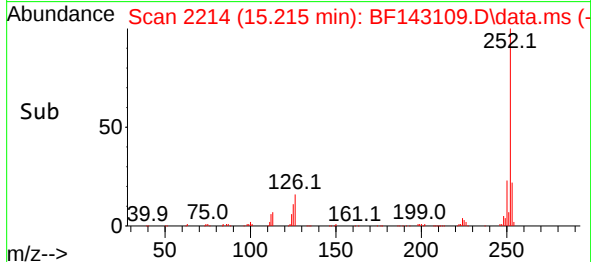
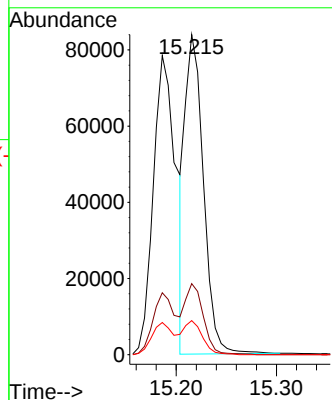
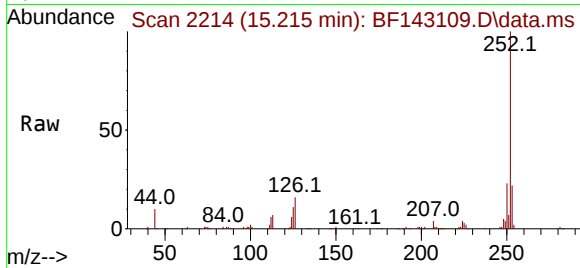




#89
Benzo(k)fluoranthene
Concen: 9.108 ng
RT: 15.215 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

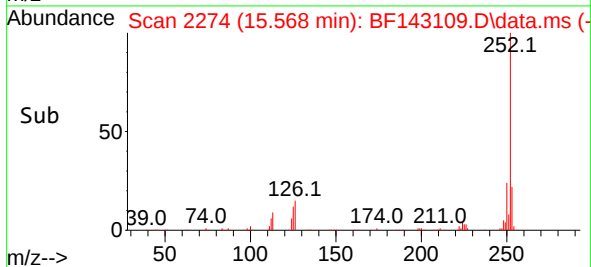
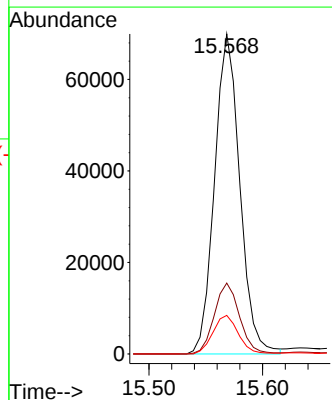
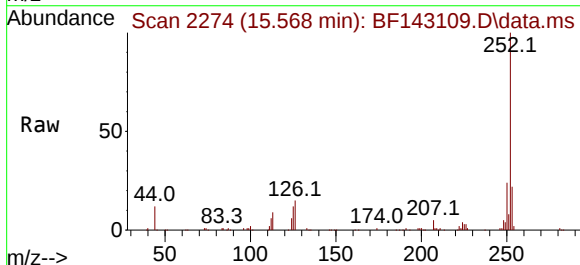
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2025

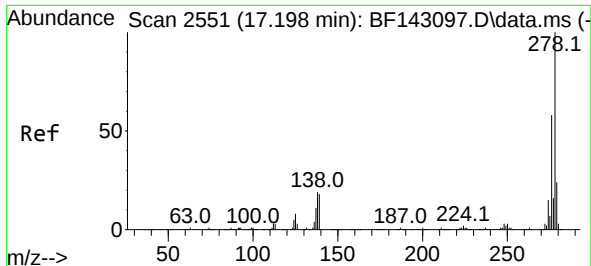
Tgt Ion:252 Resp: 107080
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.6 8.5 12.7



#90
Benzo(a)pyrene
Concen: 9.267 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:252 Resp: 108013
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 12.0 9.4 14.0

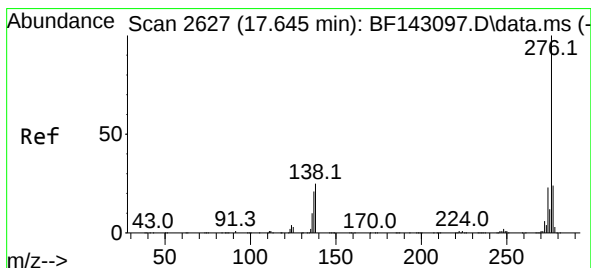
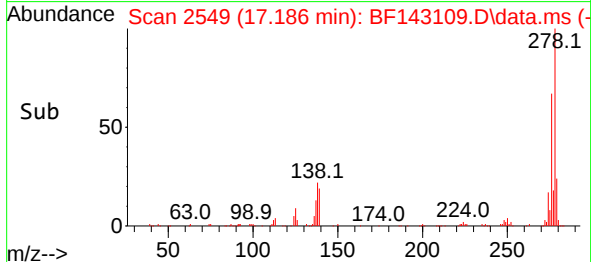
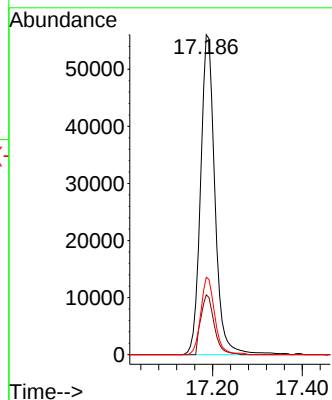
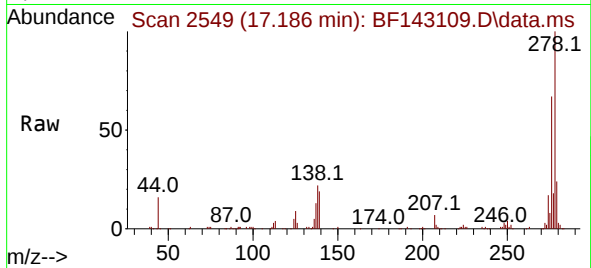




#91
Dibenzo(a,h)anthracene
Concen: 9.592 ng
RT: 17.186 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

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

Tgt Ion:278 Resp: 124603
Ion Ratio Lower Upper
278 100
139 18.7 14.6 22.0
279 24.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 9.571 ng
RT: 17.633 min Scan# 2625
Delta R.T. -0.012 min
Lab File: BF143109.D
Acq: 16 Jul 2025 12:36

Tgt Ion:276 Resp: 126754
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 26.7 19.8 29.6

