

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144481.D
 Acq On : 15 Dec 2025 18:35
 Operator : RC/JU
 Sample : Q3530-08
 Misc : LOQ-WATER-10NG
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Quant Time: Dec 16 00:32:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 16 00:30:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	238768	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	927051	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	493417	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	820197	20.000	ng	0.00
76) Chrysene-d12	13.939	240	617655	20.000	ng	0.00
86) Perylene-d12	15.374	264	442775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1710579	108.022	ng	0.00
7) Phenol-d6	6.416	99	2162657	109.492	ng	0.00
23) Nitrobenzene-d5	7.357	82	1403632	94.748	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	579112	129.818	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2415225	75.091	ng	0.00
79) Terphenyl-d14	12.898	244	2749255	70.274	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	70108	9.207	ng	97
3) Pyridine	3.257	79	170926	8.163	ng	99
4) n-Nitrosodimethylamine	3.151	42	81526	8.959	ng	98
6) Aniline	6.457	93	255720	9.281	ng	99
8) 2-Chlorophenol	6.575	128	164502	9.689	ng	90
9) Benzaldehyde	6.345	77	137047	8.863	ng	97
10) Phenol	6.434	94	213665	9.166	ng	93
11) bis(2-Chloroethyl)ether	6.528	93	159540	9.363	ng	100
12) 1,3-Dichlorobenzene	6.734	146	179147	9.766	ng	99
13) 1,4-Dichlorobenzene	6.810	146	183960	9.995	ng	98
14) 1,2-Dichlorobenzene	6.963	146	174660	9.993	ng	98
15) Benzyl Alcohol	6.928	79	136859	9.401	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	250021	8.695	ng	99
17) 2-Methylphenol	7.034	107	132596	9.265	ng	98
18) Hexachloroethane	7.310	117	61250	9.578	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	116502	9.338	ng	98
20) 3+4-Methylphenols	7.186	107	171867	9.774	ng	# 85
22) Acetophenone	7.198	105	229739	9.991	ng	97
24) Nitrobenzene	7.375	77	173285	10.782	ng	96
25) Isophorone	7.610	82	304777	9.116	ng	99
26) 2-Nitrophenol	7.686	139	67530	11.602	ng	99
27) 2,4-Dimethylphenol	7.722	122	116676	7.314	ng	96
28) bis(2-Chloroethoxy)met...	7.822	93	193471	9.391	ng	98
29) 2,4-Dichlorophenol	7.922	162	130848	9.872	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	146879	10.217	ng	99
31) Naphthalene	8.098	128	490428	9.829	ng	99
32) Benzoic acid	7.781	122	57861	6.834	ng	98
33) 4-Chloroaniline	8.139	127	194285	9.688	ng	99
34) Hexachlorobutadiene	8.216	225	84598	9.517	ng	98
35) Caprolactam	8.475	113	38317	8.754	ng	98
36) 4-Chloro-3-methylphenol	8.610	107	133261	9.261	ng	100
37) 2-Methylnaphthalene	8.786	142	290451	8.848	ng	100
38) 1-Methylnaphthalene	8.886	142	301566	9.434	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	144440	10.286	ng	98
41) Hexachlorocyclopentadiene	8.939	237	47180	5.677	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	88821	9.960	ng	99

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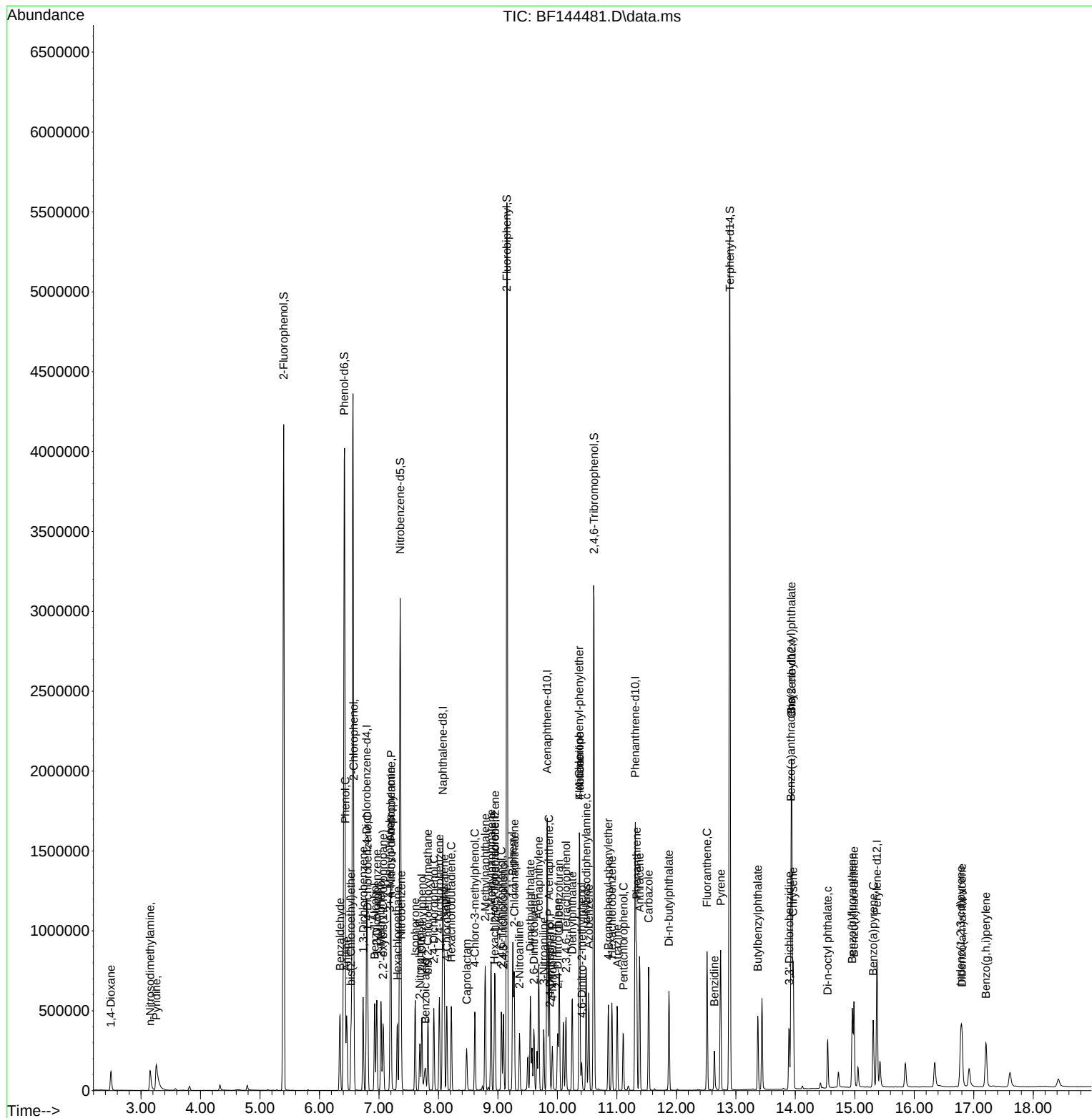
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	92444	9.877	ng	98
46) 1,1'-Biphenyl	9.251	154	393598	10.207	ng	99
47) 2-Chloronaphthalene	9.275	162	292615	9.940	ng	98
48) 2-Nitroaniline	9.363	65	76620	10.755	ng	100
49) Acenaphthylene	9.686	152	456694	9.792	ng	99
50) Dimethylphthalate	9.545	163	322425	9.674	ng	99
51) 2,6-Dinitrotoluene	9.604	165	66037	13.014	ng	98
52) Acenaphthene	9.857	154	289726	9.963	ng	99
53) 3-Nitroaniline	9.769	138	75731	11.617	ng	98
54) 2,4-Dinitrophenol	9.875	184	17546	8.235	ng	# 35
55) Dibenzofuran	10.027	168	413175	9.986	ng	98
56) 4-Nitrophenol	9.916	139	55994	9.865	ng	99
57) 2,4-Dinitrotoluene	10.004	165	80287	11.570	ng	96
58) Fluorene	10.374	166	317306	10.128	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	79135	11.138	ng	98
60) Diethylphthalate	10.251	149	297459	9.417	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	151356	9.846	ng	99
62) 4-Nitroaniline	10.374	138	69846	10.597	ng	99
63) Azobenzene	10.527	77	311857	9.341	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	30114	9.347	ng	99
66) n-Nitrosodiphenylamine	10.486	169	276571	9.840	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	90962	9.500	ng	99
68) Hexachlorobenzene	10.916	284	101760	9.627	ng	99
69) Atrazine	11.010	200	85714	9.736	ng	100
70) Pentachlorophenol	11.110	266	55181	9.153	ng	100
71) Phenanthrene	11.333	178	476238	10.072	ng	99
72) Anthracene	11.380	178	455547	9.519	ng	99
73) Carbazole	11.533	167	429981	10.349	ng	98
74) Di-n-butylphthalate	11.874	149	429706	9.675	ng	99
75) Fluoranthene	12.516	202	481213	10.306	ng	99
77) Benzidine	12.639	184	127285	5.788	ng	97
78) Pyrene	12.745	202	496036	8.766	ng	99
80) Butylbenzylphthalate	13.368	149	144755	8.978	ng	99
81) Benzo(a)anthracene	13.927	228	396029	9.105	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	114449	9.286	ng	99
83) Chrysene	13.963	228	387044	9.723	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	168748	8.831	ng	99
85) Di-n-octyl phthalate	14.545	149	197753	6.731	ng	99
87) Indeno(1,2,3-cd)pyrene	16.780	276	293606	9.238	ng	99
88) Benzo(b)fluoranthene	14.957	252	313277	10.778	ng	99
89) Benzo(k)fluoranthene	14.986	252	263307	9.580	ng	99
90) Benzo(a)pyrene	15.309	252	247647	9.747	ng	99
91) Dibenzo(a,h)anthracene	16.804	278	239135	9.317	ng	98
92) Benzo(g,h,i)perylene	17.203	276	241476	9.253	ng	100

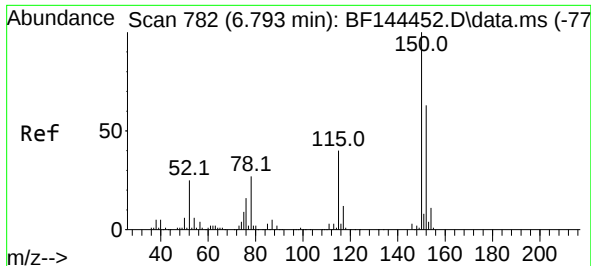
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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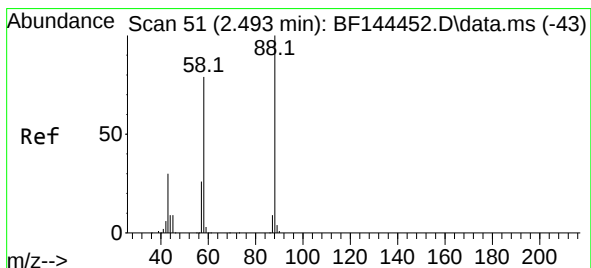
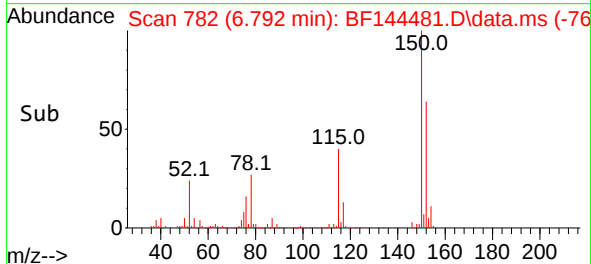
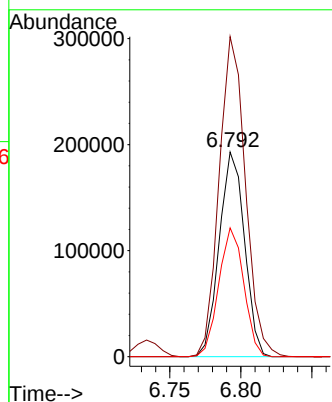
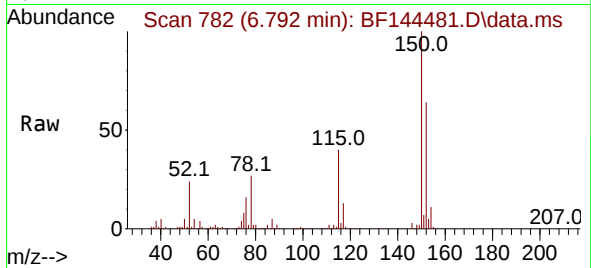




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF144481.D
 Acq: 15 Dec 2025 18:35

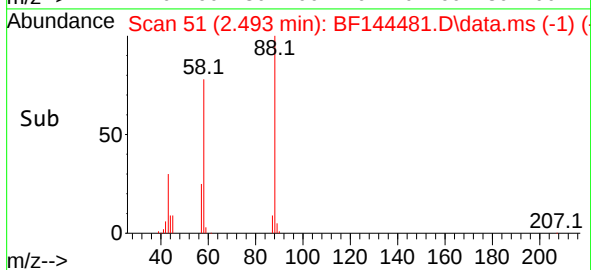
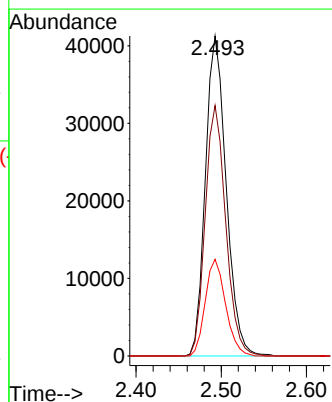
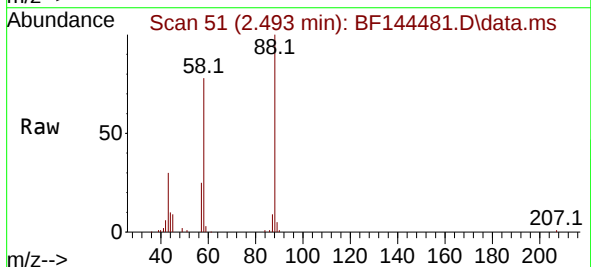
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

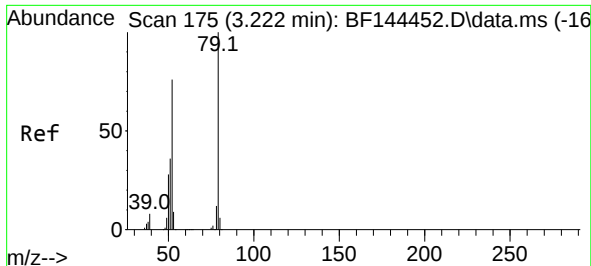
Tgt Ion:152 Resp: 238768
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.4 191.2
 115 62.9 51.4 77.0



#2
 1,4-Dioxane
 Concen: 9.207 ng
 RT: 2.493 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BF144481.D
 Acq: 15 Dec 2025 18:35

Tgt Ion: 88 Resp: 70108
 Ion Ratio Lower Upper
 88 100
 58 77.2 63.9 95.9
 43 29.6 24.2 36.4

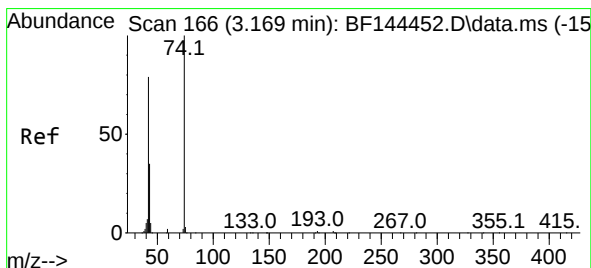
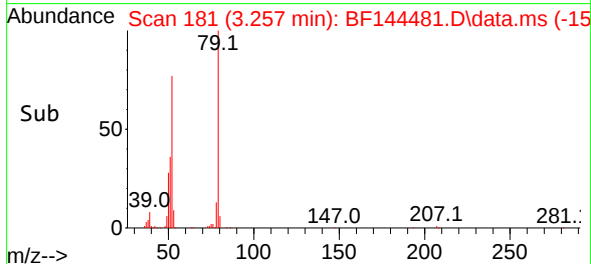
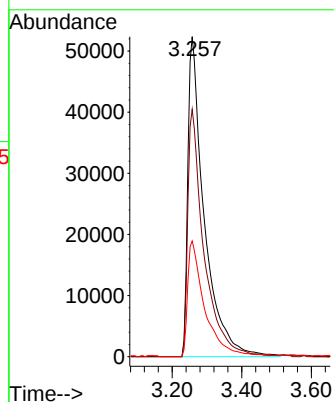
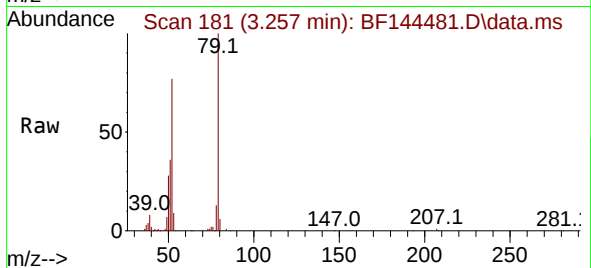




#3
Pyridine
Concen: 8.163 ng
RT: 3.257 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

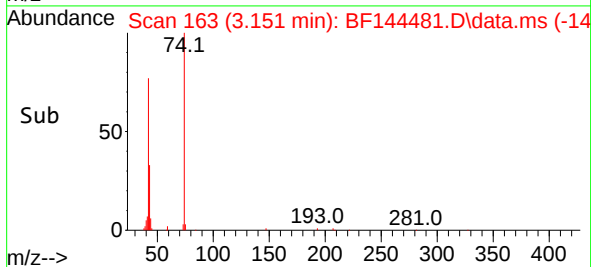
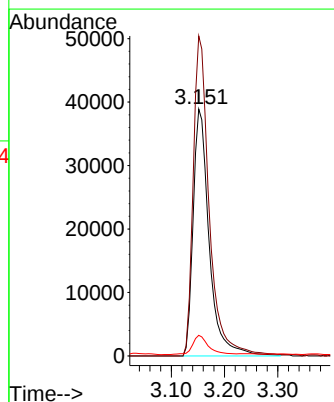
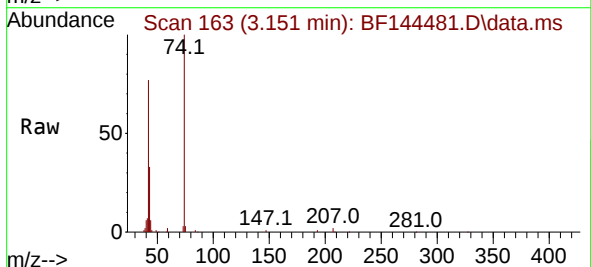
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

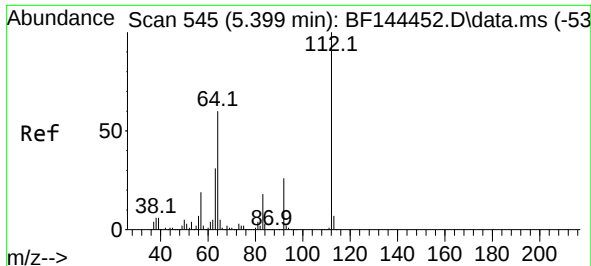
Tgt Ion: 79 Resp: 170926
Ion Ratio Lower Upper
79 100
52 77.3 60.5 90.7
51 36.2 29.0 43.6



#4
n-Nitrosodimethylamine
Concen: 8.959 ng
RT: 3.151 min Scan# 163
Delta R.T. -0.018 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion: 42 Resp: 81526
Ion Ratio Lower Upper
42 100
74 129.6 101.8 152.8
44 8.4 5.7 8.5

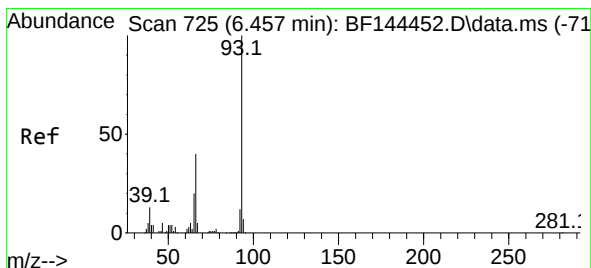
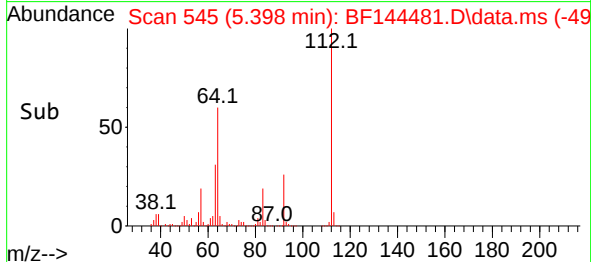
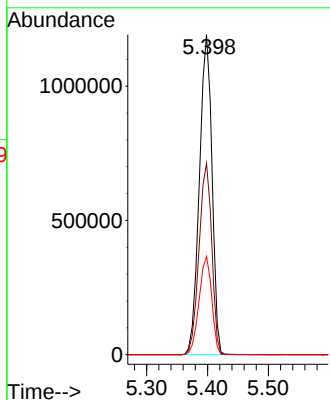
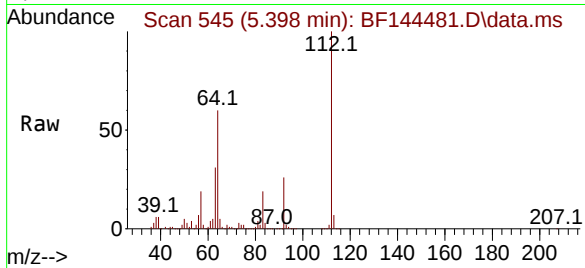




#5
2-Fluorophenol
Concen: 108.022 ng
RT: 5.398 min Scan# 54
Delta R.T. -0.000 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

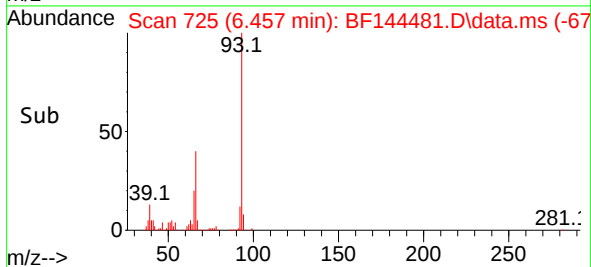
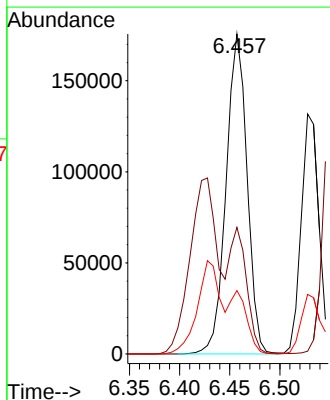
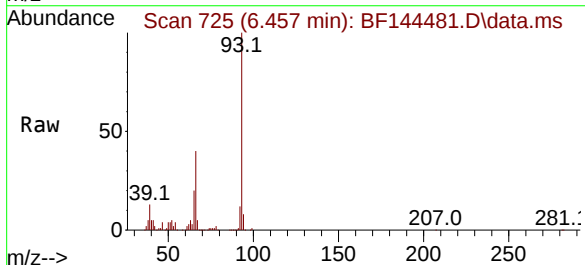
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

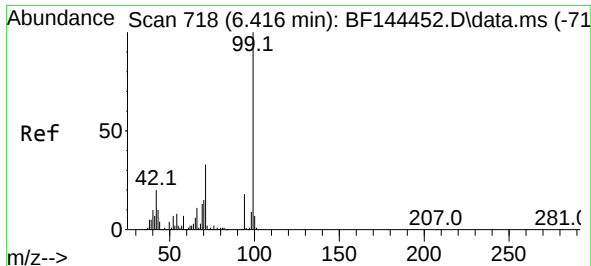
Tgt Ion:112 Resp: 1710579
Ion Ratio Lower Upper
112 100
64 59.8 47.8 71.6
63 30.7 24.6 37.0



#6
Aniline
Concen: 9.281 ng
RT: 6.457 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion: 93 Resp: 255720
Ion Ratio Lower Upper
93 100
66 39.6 32.4 48.6
65 19.8 16.1 24.1



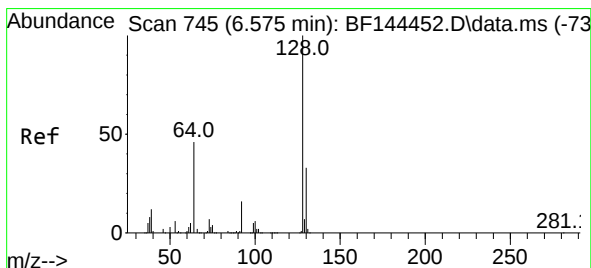
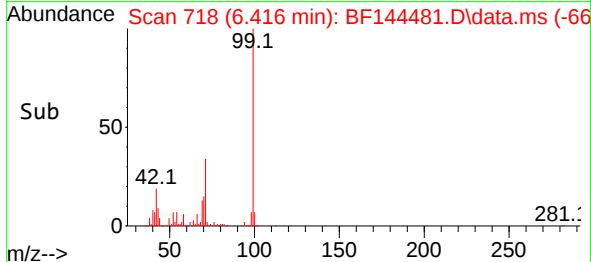
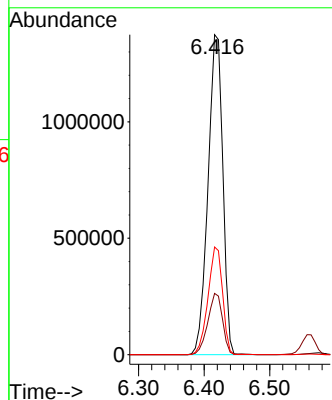
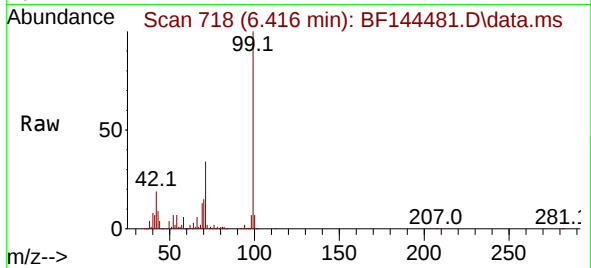


#7
Phenol-d6
Concen: 109.492 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
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Tgt Ion: 99 Resp: 2162657

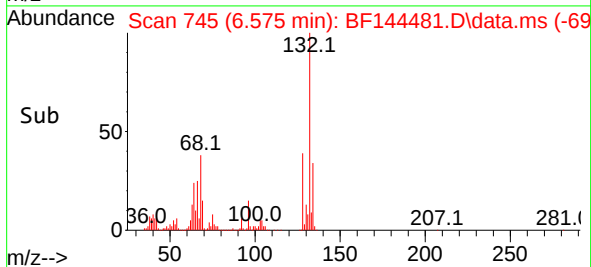
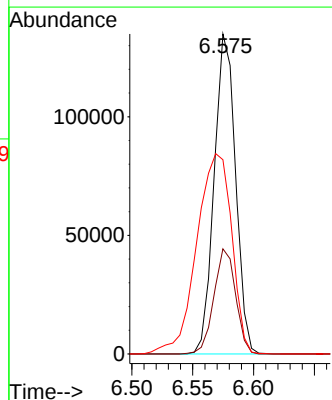
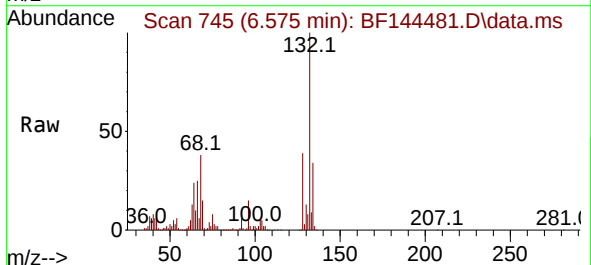
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.7	23.5
71	33.6	26.4	39.6

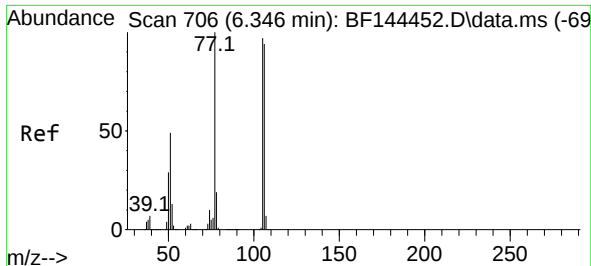


#8
2-Chlorophenol
Concen: 9.689 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion: 128 Resp: 164502

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	60.7	28.9	68.9

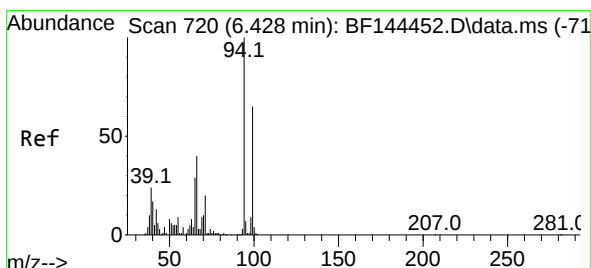
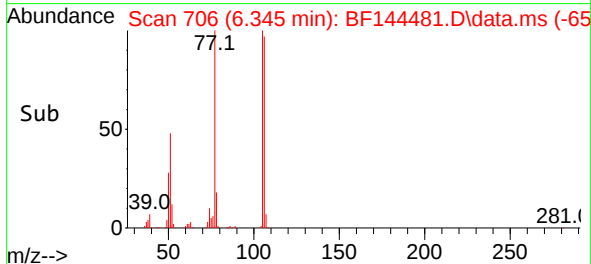
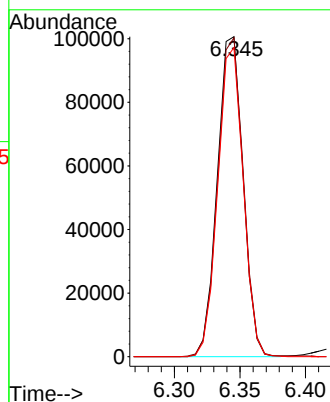
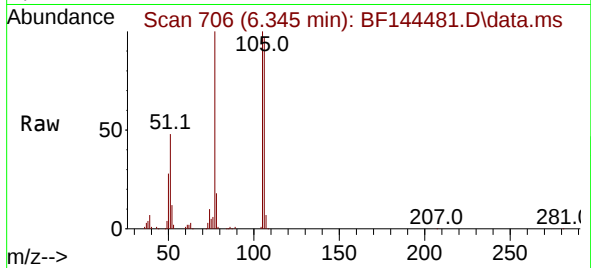




#9
Benzaldehyde
Concen: 8.863 ng
RT: 6.345 min Scan# 706
Delta R.T. -0.000 min
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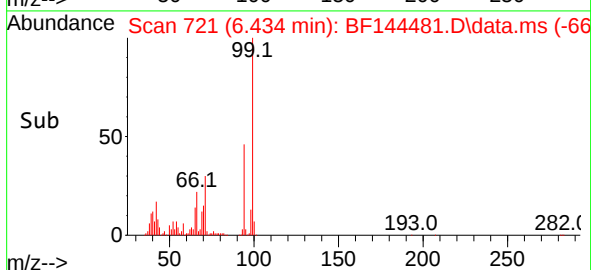
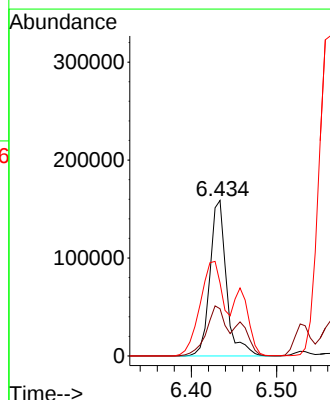
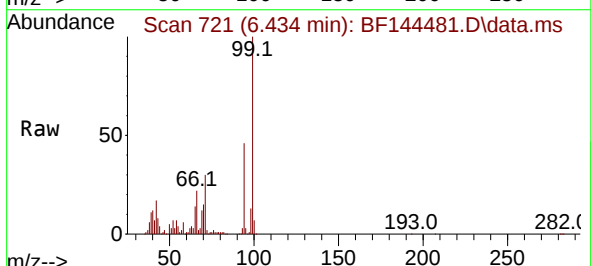
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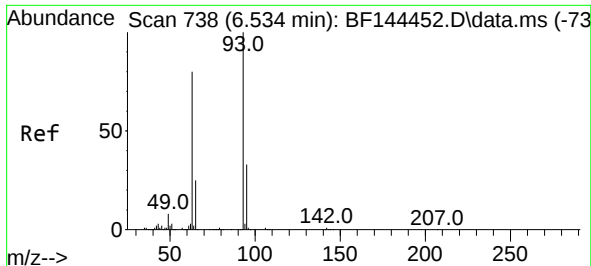
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Ion Ratio Lower Upper
77 100
105 99.7 77.0 117.0
106 96.6 74.1 114.1



#10
Phenol
Concen: 9.166 ng
RT: 6.434 min Scan# 721
Delta R.T. 0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion: 94 Resp: 213665
Ion Ratio Lower Upper
94 100
65 30.4 9.1 49.1
66 46.9 20.3 60.3

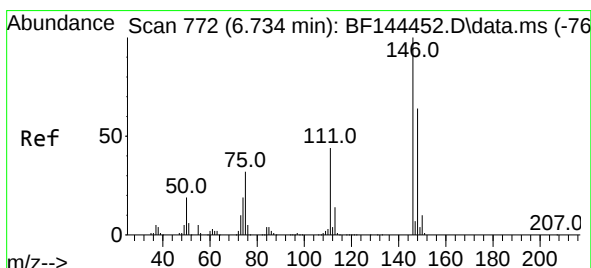
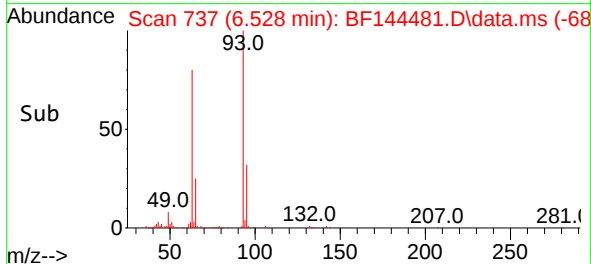
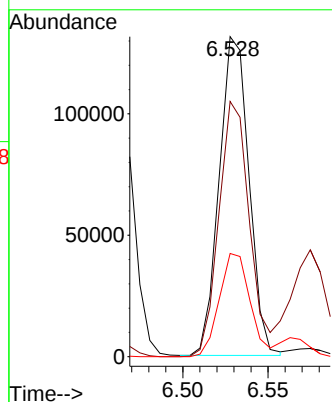
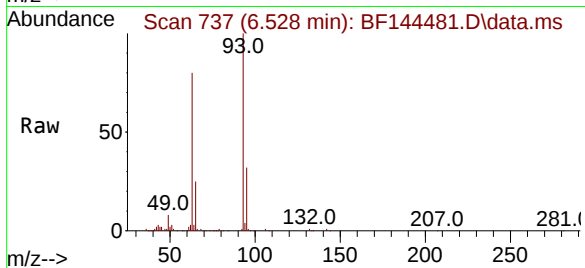




#11
bis(2-Chloroethyl)ether
Concen: 9.363 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

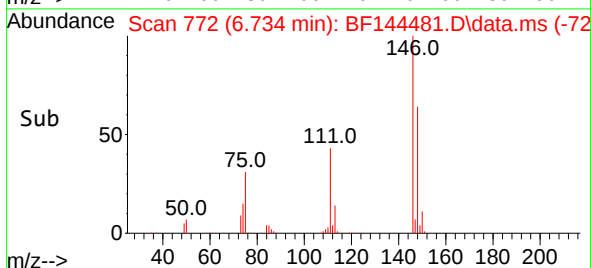
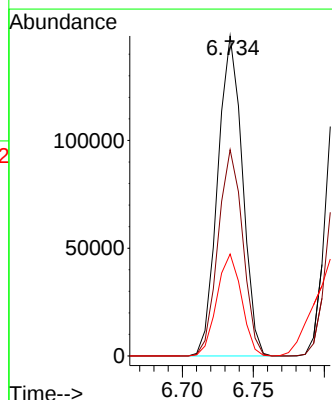
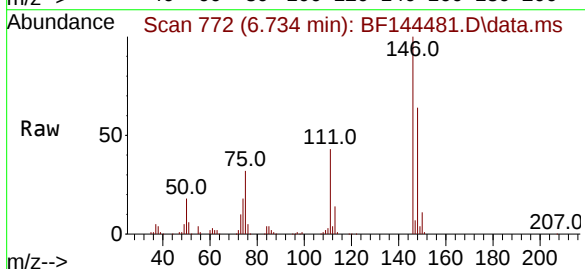
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

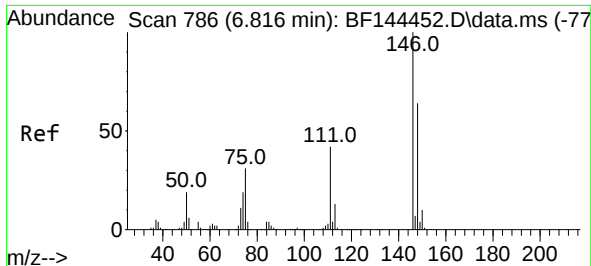
Tgt Ion: 93 Resp: 159540
Ion Ratio Lower Upper
93 100
63 79.7 59.8 99.8
95 32.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 9.766 ng
RT: 6.734 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:146 Resp: 179147
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
75 31.9 25.8 38.8

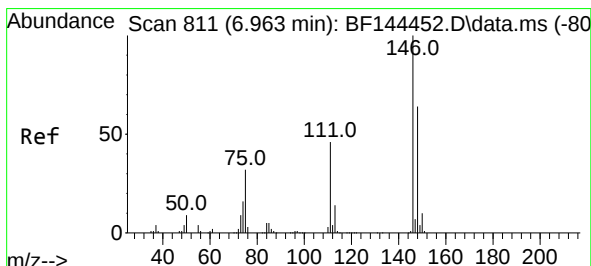
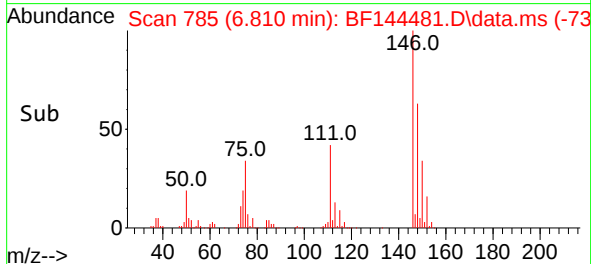
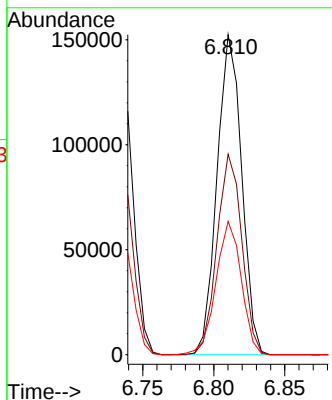
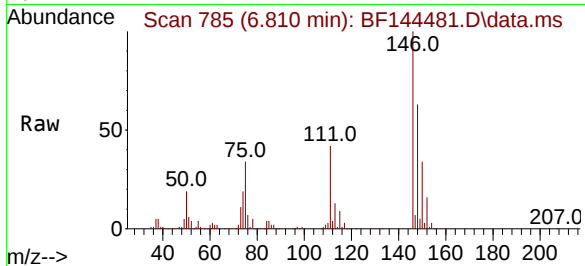




#13
1,4-Dichlorobenzene
Concen: 9.995 ng
RT: 6.810 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

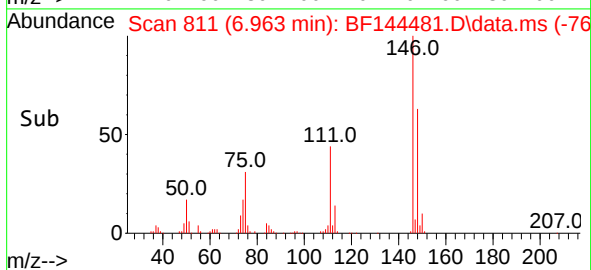
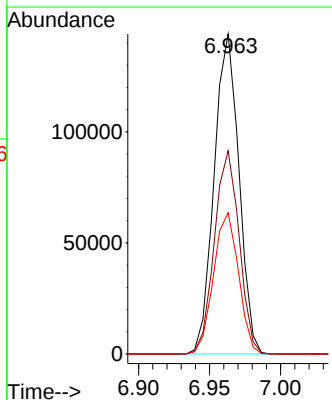
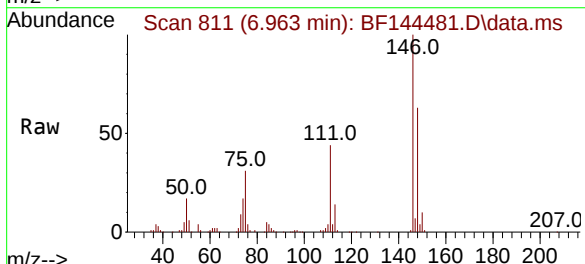
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

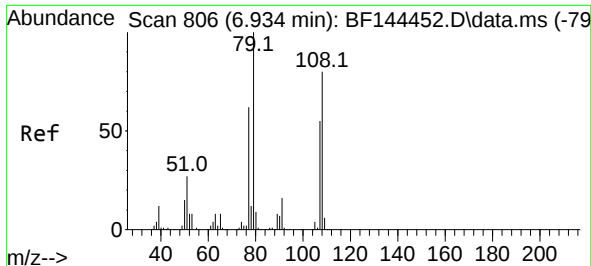
Tgt Ion:146 Resp: 183960
Ion Ratio Lower Upper
146 100
148 62.7 51.4 77.2
111 41.7 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 9.993 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:146 Resp: 174660
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 44.2 36.5 54.7

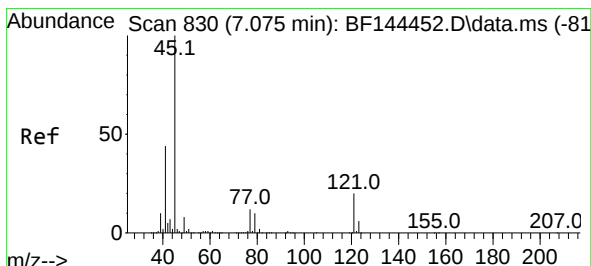
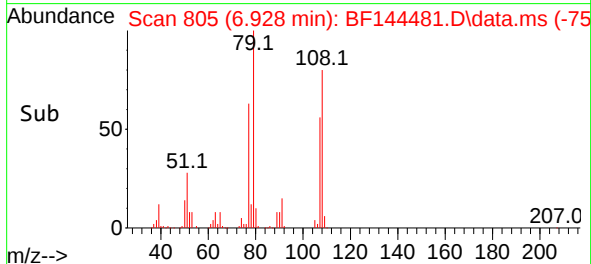
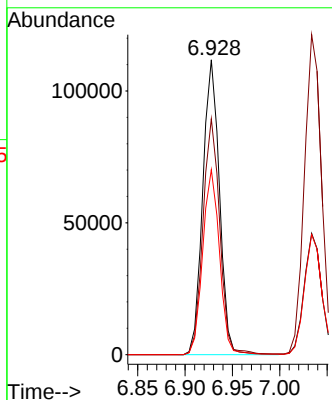
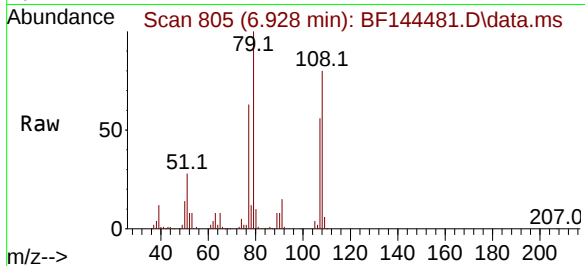




#15
Benzyl Alcohol
Concen: 9.401 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

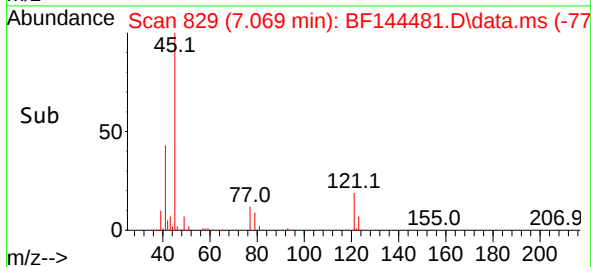
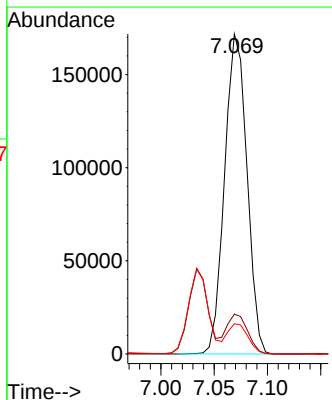
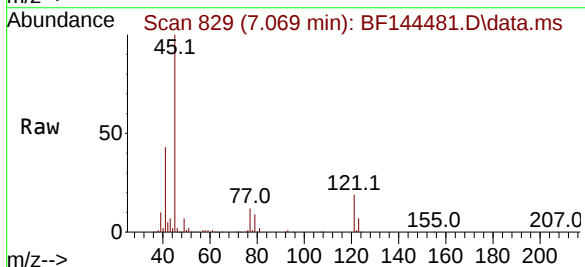
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

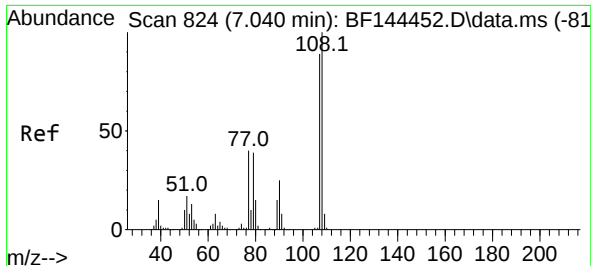
Tgt Ion: 79 Resp: 136859
Ion Ratio Lower Upper
79 100
108 80.0 63.7 95.5
77 62.7 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.695 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion: 45 Resp: 250021
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.6
79 9.5 0.0 29.9

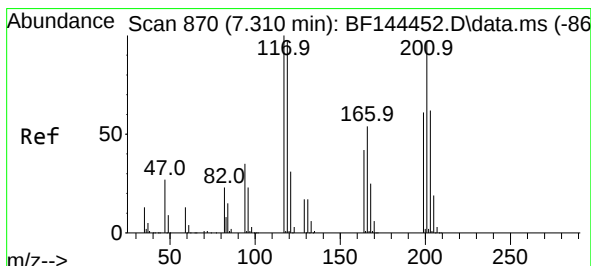
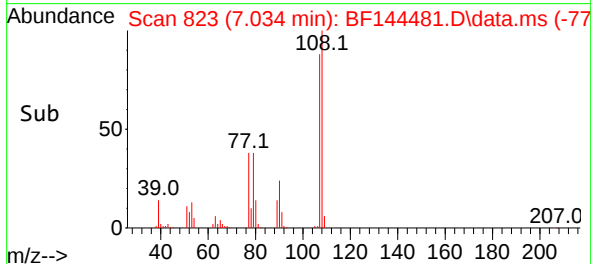
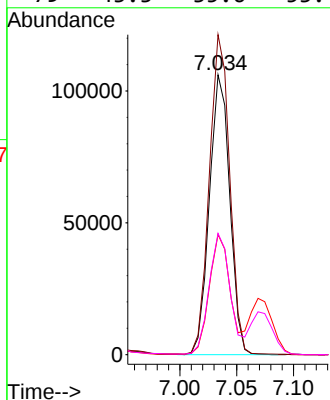
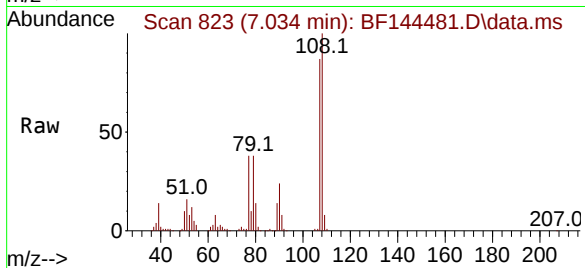




#17
2-Methylphenol
Concen: 9.265 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

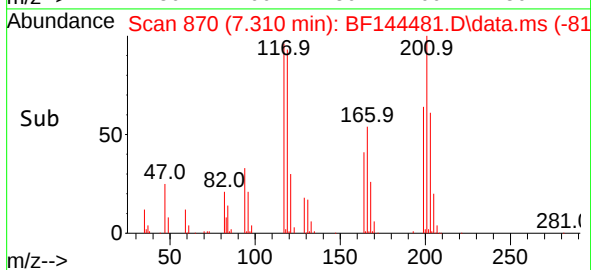
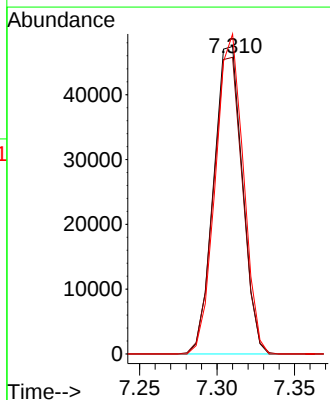
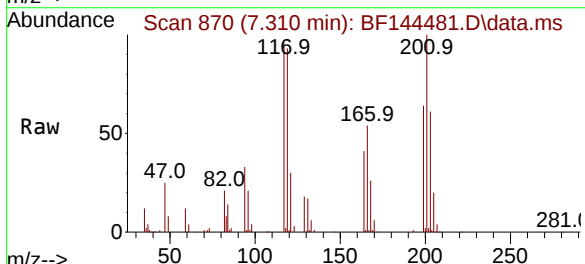
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

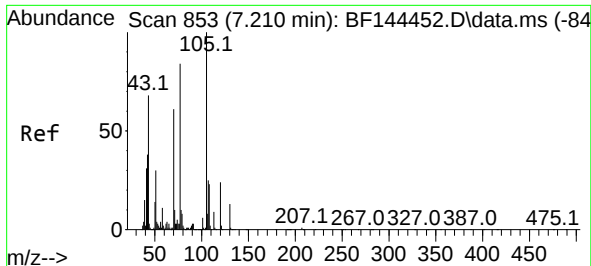
Tgt Ion:	107	Resp:	132596
Ion	Ratio	Lower	Upper
107	100		
108	114.3	89.9	134.9
77	42.9	35.7	53.5
79	43.3	35.6	53.4



#18
Hexachloroethane
Concen: 9.578 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:	117	Resp:	61250
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.5	116.3
201	104.1	77.3	115.9

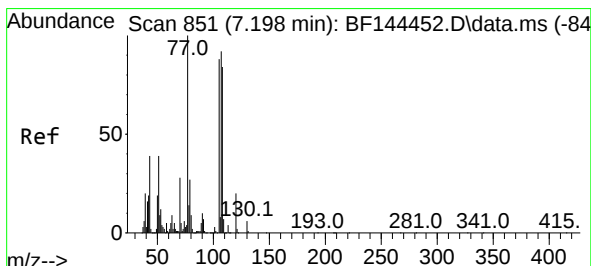
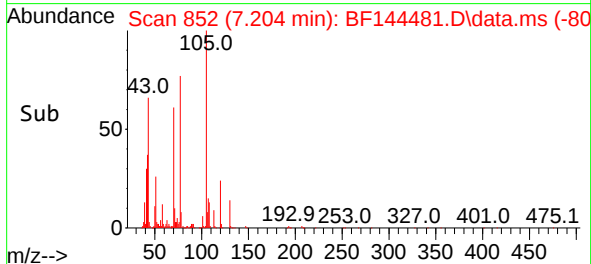
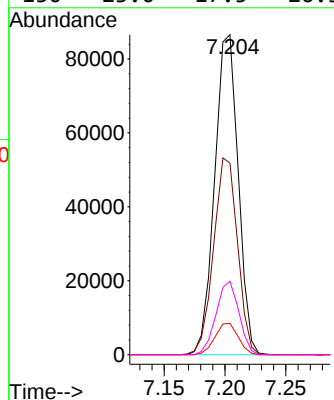
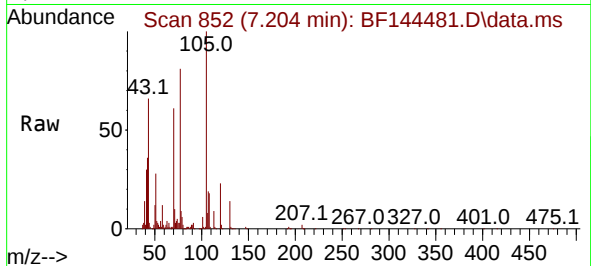




#19
n-Nitroso-di-n-propylamine
Concen: 9.338 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

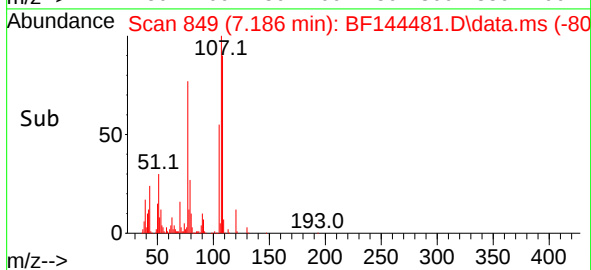
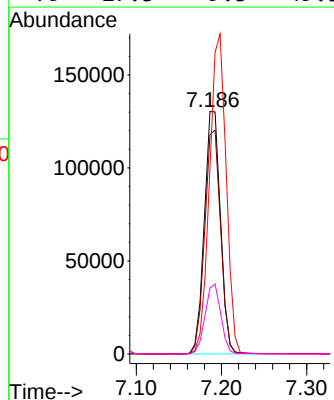
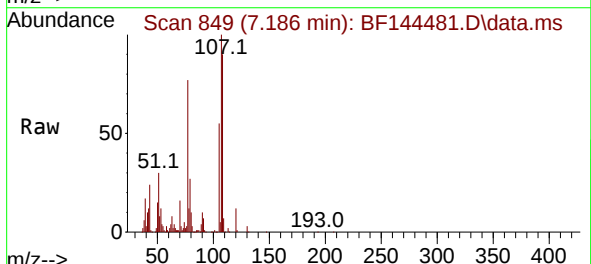
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

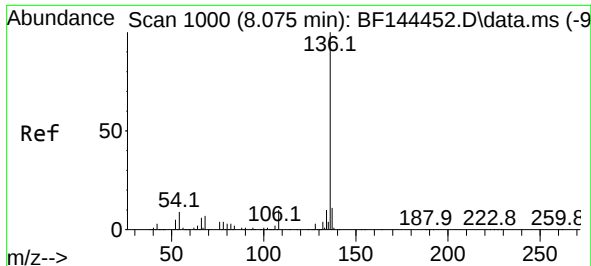
Tgt Ion:	70	Resp:	116502
Ion	Ratio	Lower	Upper
70	100		
42	59.8	49.4	74.0
101	9.8	7.8	11.6
130	23.0	17.5	26.3



#20
3+4-Methylphenols
Concen: 9.774 ng
RT: 7.186 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:	107	Resp:	171867
Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.5	111.5
77	76.6	88.5	128.5#
79	27.3	9.3	49.3

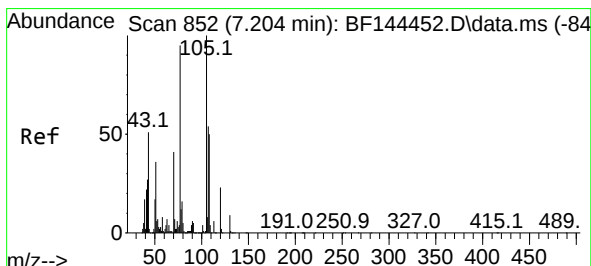
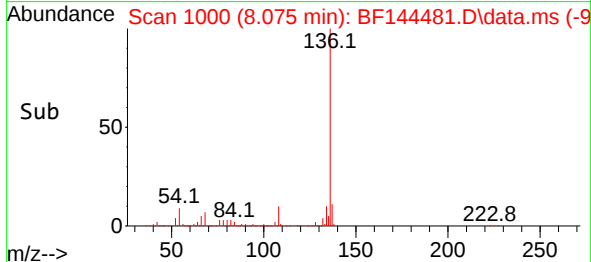
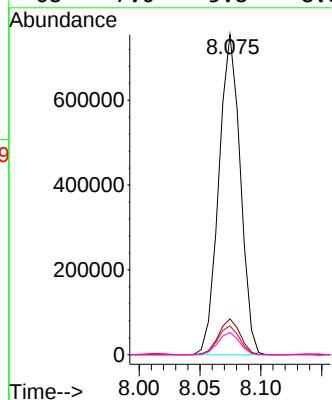
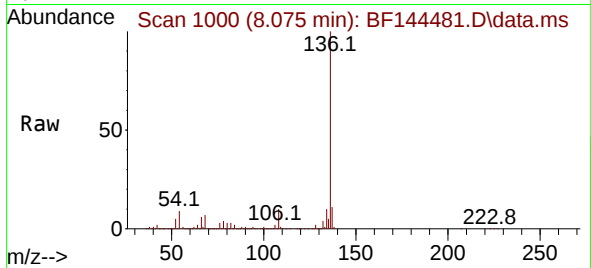




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

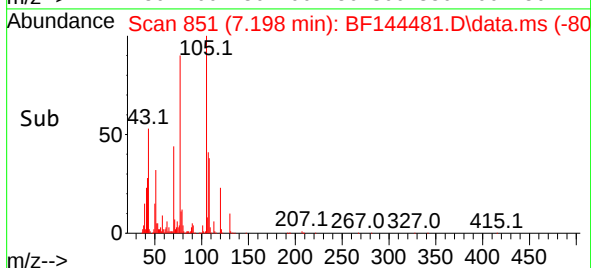
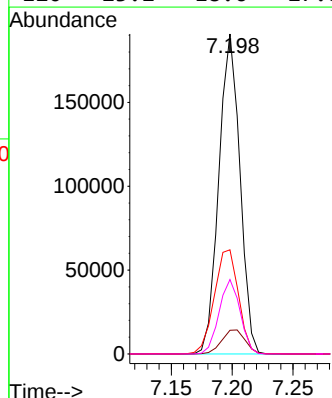
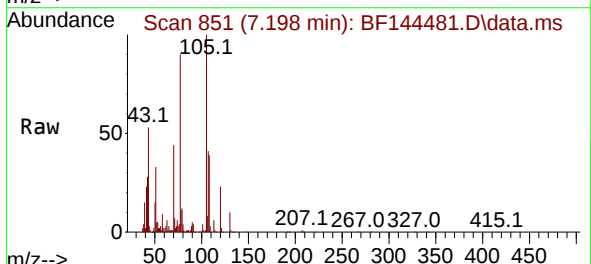
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

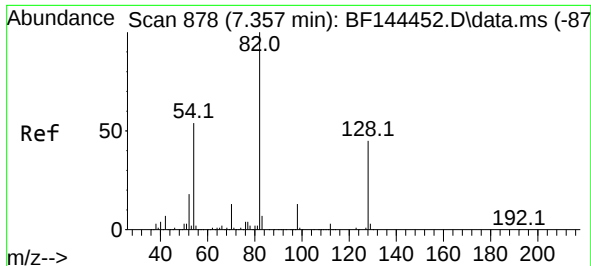
Tgt	Ion:136	Resp:	927051
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.0	7.5	11.3
68	7.0	5.8	8.8



#22
Acetophenone
Concen: 9.991 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt	Ion:105	Resp:	229739
Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.6	8.4
51	32.6	28.6	42.8
120	23.2	18.6	27.8





#23

Nitrobenzene-d5

Concen: 94.748 ng

RT: 7.357 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2025

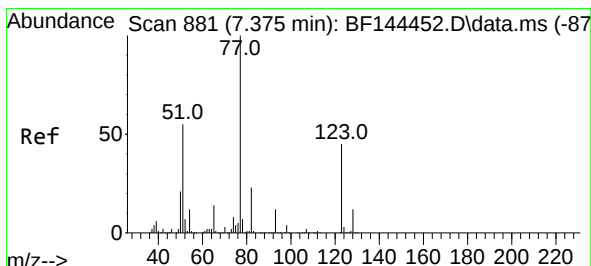
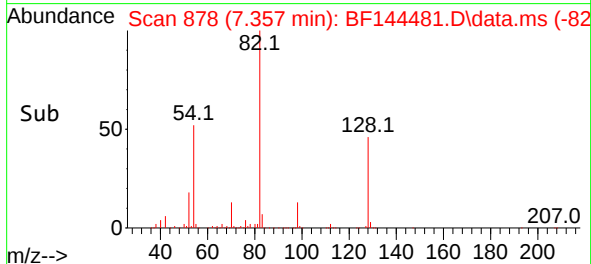
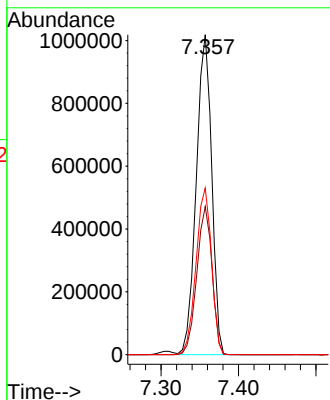
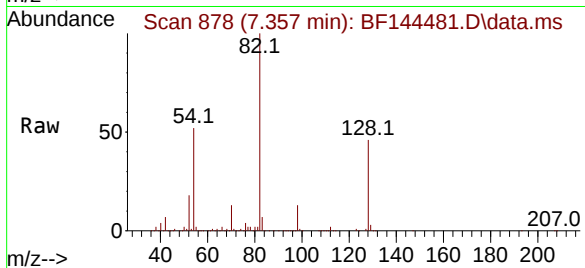
Tgt Ion: 82 Resp: 1403632

Ion Ratio Lower Upper

82 100

128 46.3 35.5 53.3

54 52.1 43.3 64.9



#24

Nitrobenzene

Concen: 10.782 ng

RT: 7.375 min Scan# 881

Delta R.T. -0.000 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

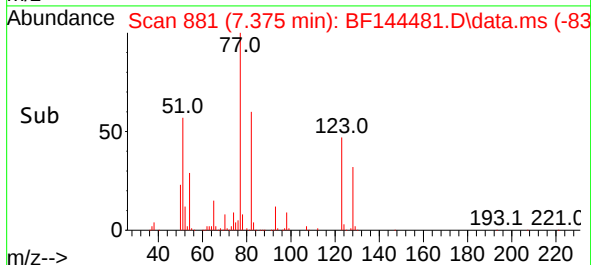
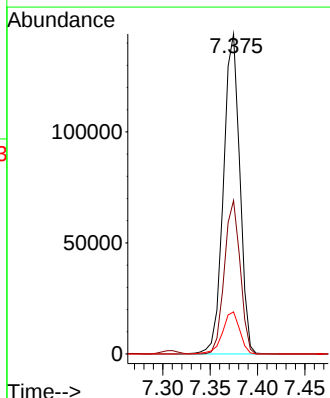
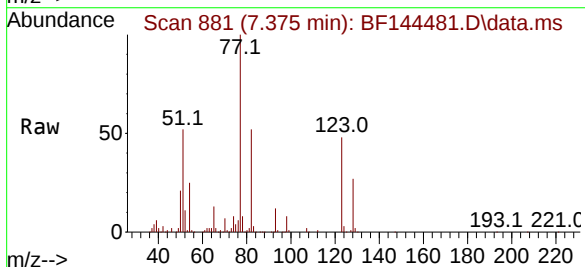
Tgt Ion: 77 Resp: 173285

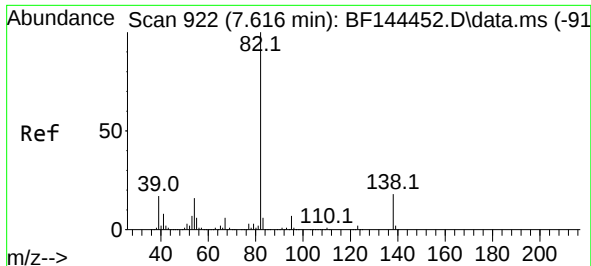
Ion Ratio Lower Upper

77 100

123 47.9 36.2 54.2

65 13.1 11.0 16.6

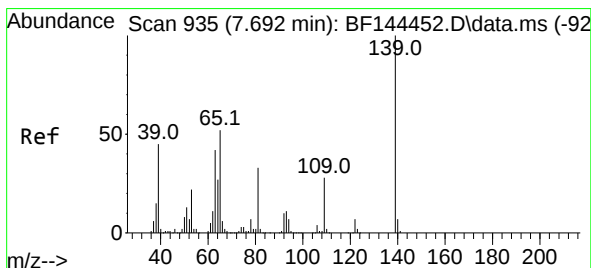
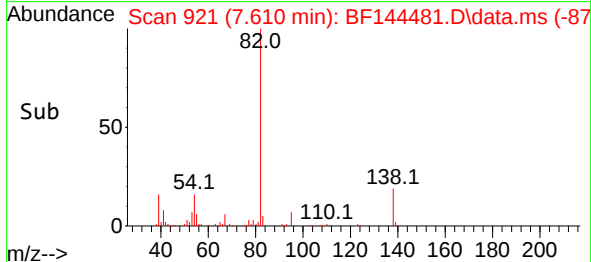
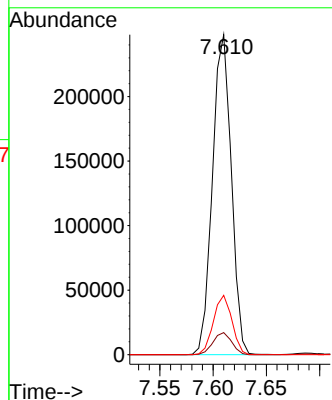
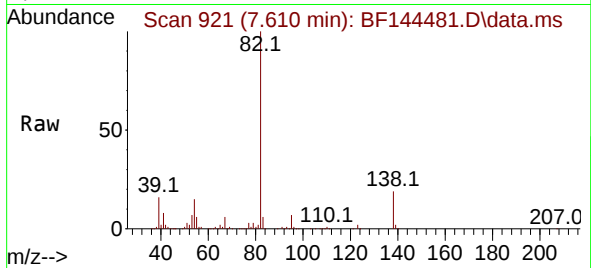




#25
Isophorone
Concen: 9.116 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

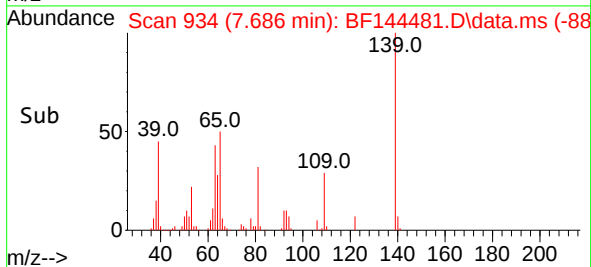
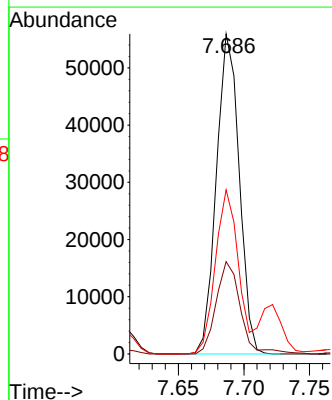
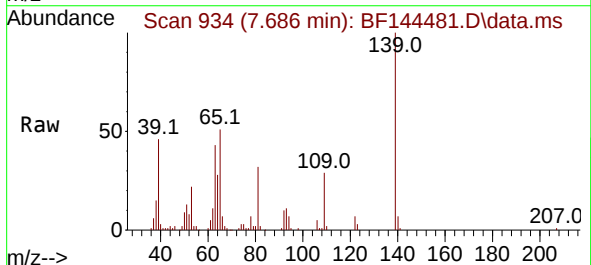
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

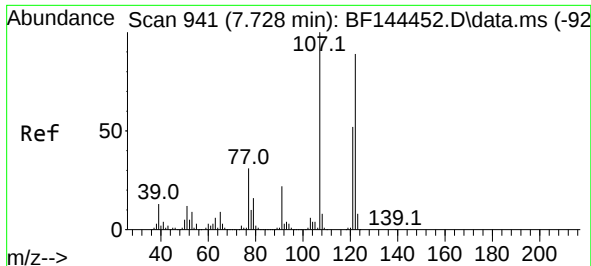
Tgt Ion: 82 Resp: 304777
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 18.6 14.4 21.6



#26
2-Nitrophenol
Concen: 11.602 ng
RT: 7.686 min Scan# 934
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:139 Resp: 67530
Ion Ratio Lower Upper
139 100
109 28.9 22.1 33.1
65 51.3 41.5 62.3

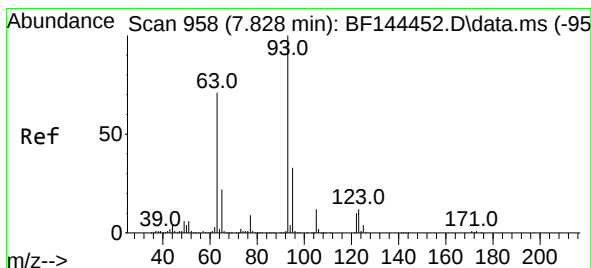
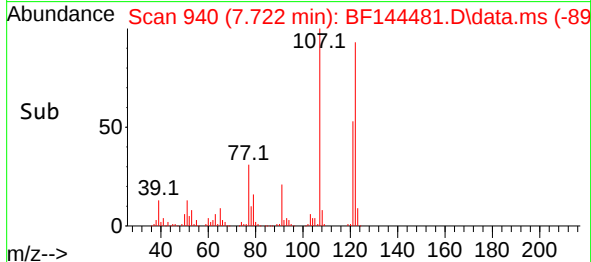
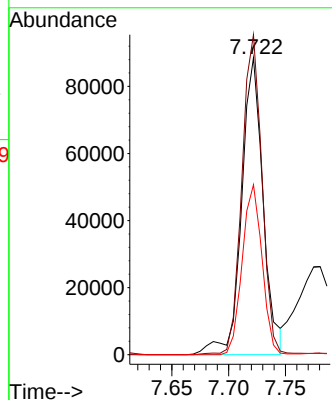
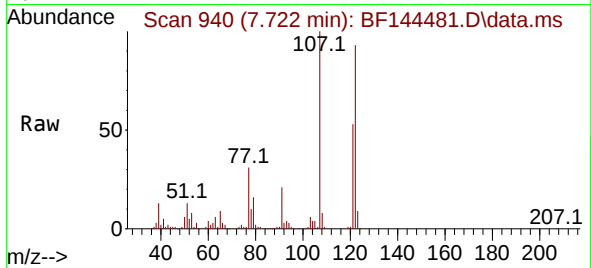




#27
2,4-Dimethylphenol
Concen: 7.314 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

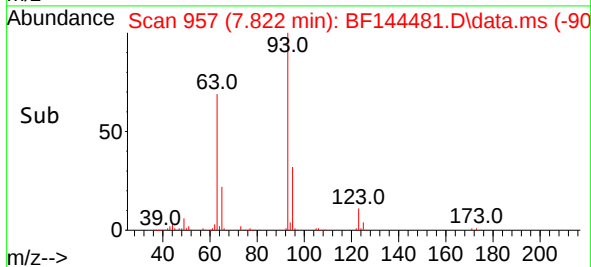
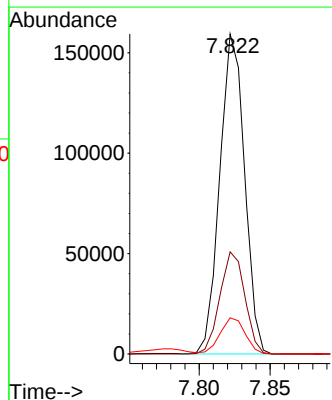
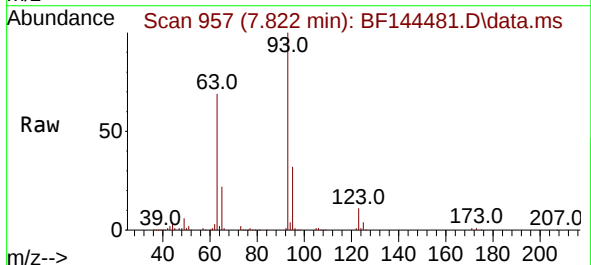
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2025

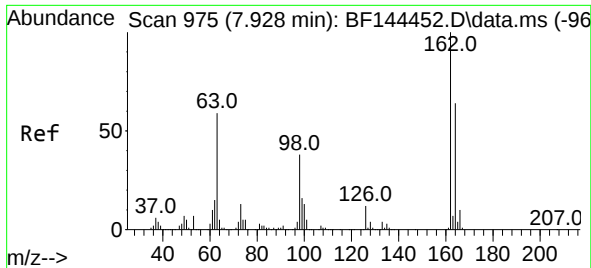
Tgt Ion:122 Resp: 116676
Ion Ratio Lower Upper
122 100
107 107.8 90.0 135.0
121 57.2 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 9.391 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion: 93 Resp: 193471
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.2
123 11.3 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 9.872 ng

RT: 7.922 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2025

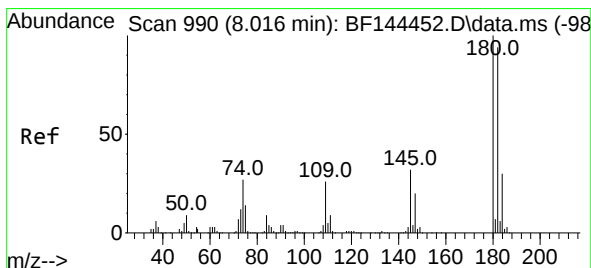
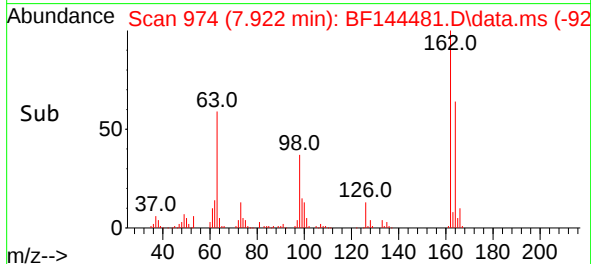
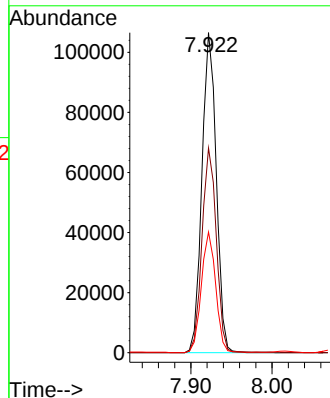
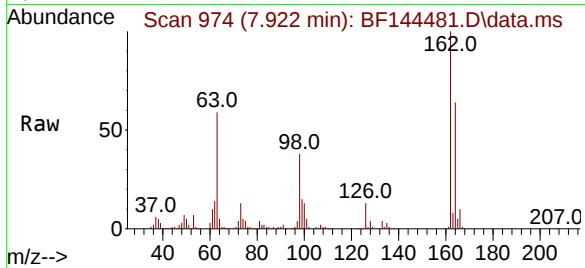
Tgt Ion:162 Resp: 130848

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

98 37.7 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 10.217 ng

RT: 8.016 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

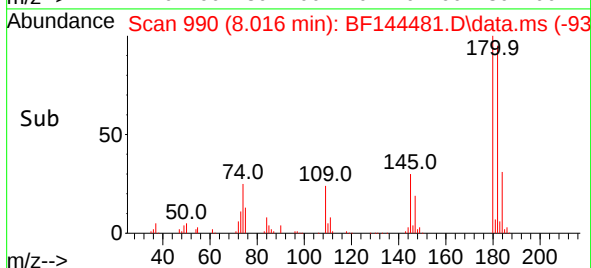
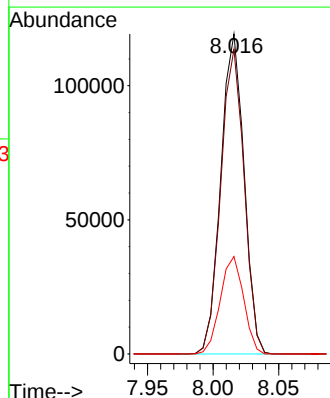
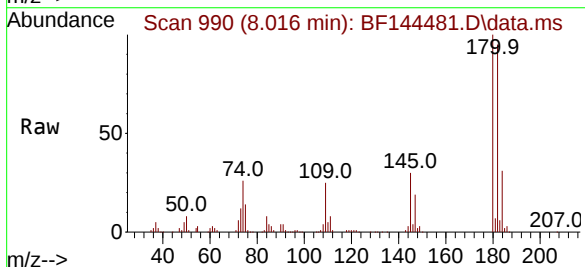
Tgt Ion:180 Resp: 146879

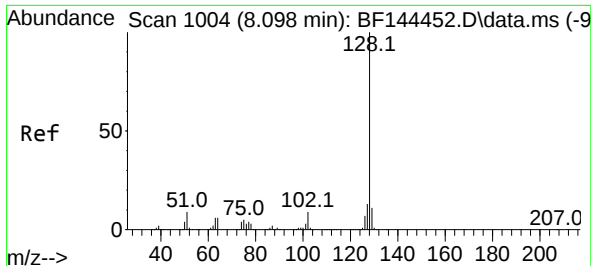
Ion Ratio Lower Upper

180 100

182 95.2 75.2 112.8

145 30.5 25.3 37.9

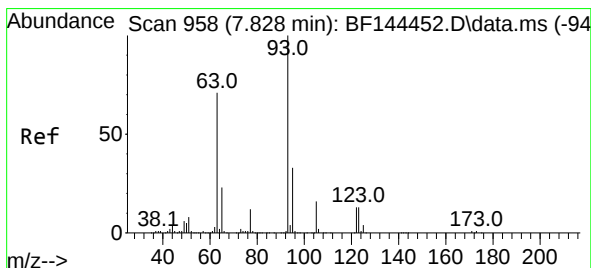
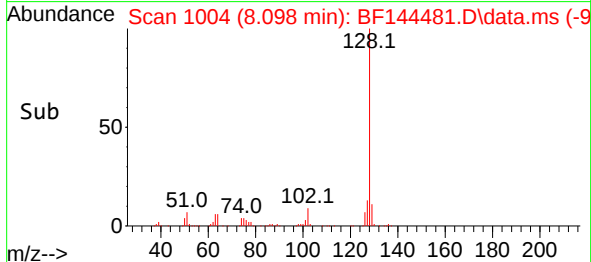
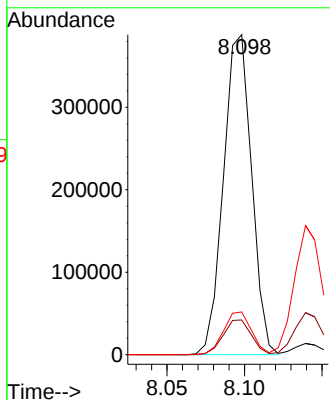
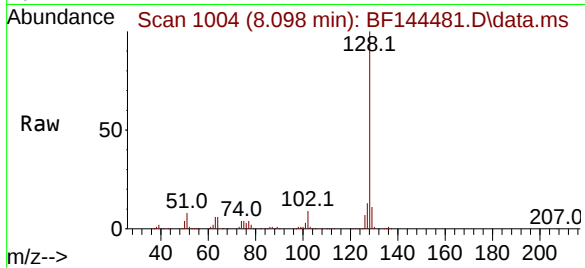




#31
Naphthalene
Concen: 9.829 ng
RT: 8.098 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

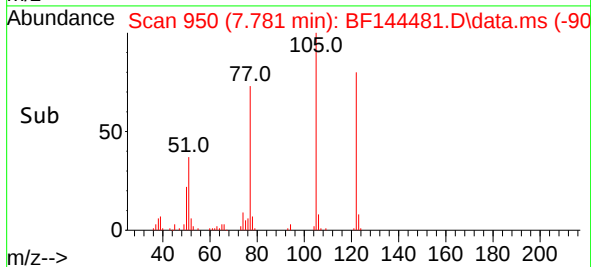
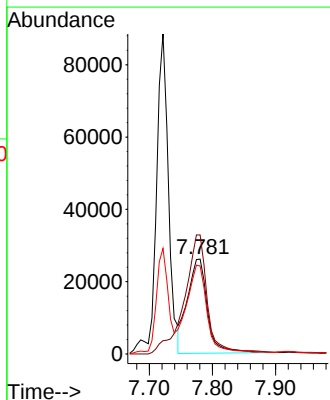
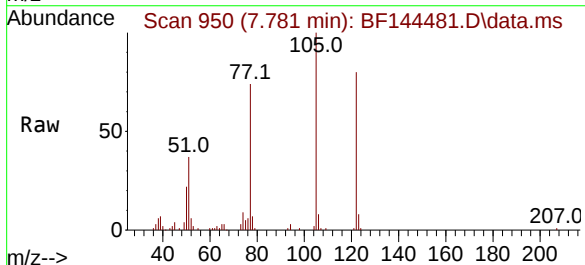
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

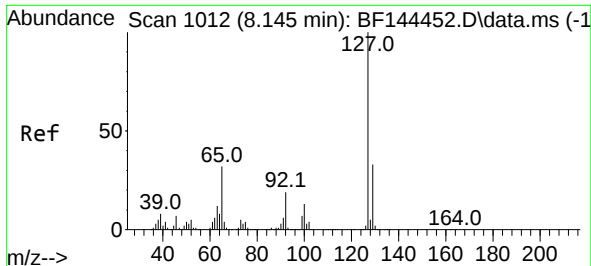
Tgt Ion:128 Resp: 490428
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 6.834 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.047 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:122 Resp: 57861
Ion Ratio Lower Upper
122 100
105 125.4 103.2 143.2
77 92.7 75.1 115.1

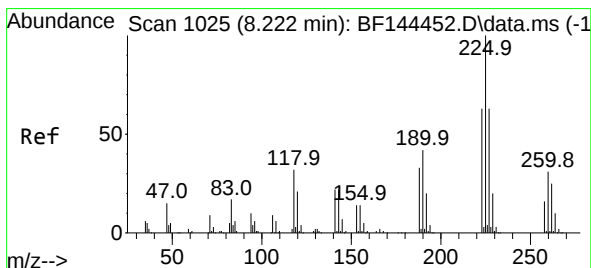
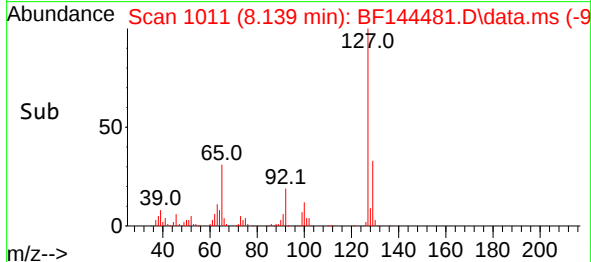
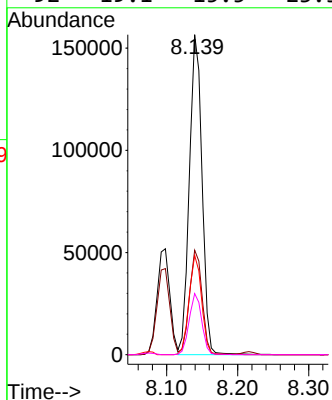
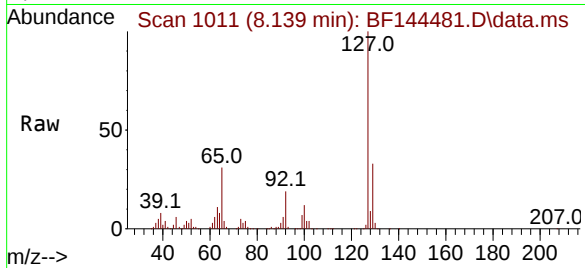




#33
4-Chloroaniline
Concen: 9.688 ng
RT: 8.139 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

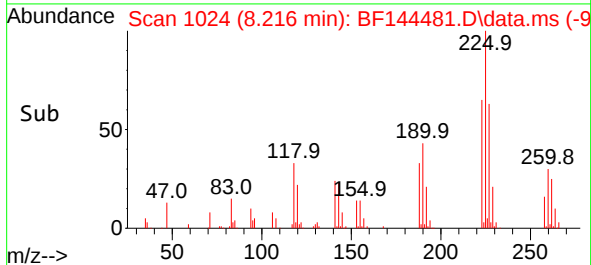
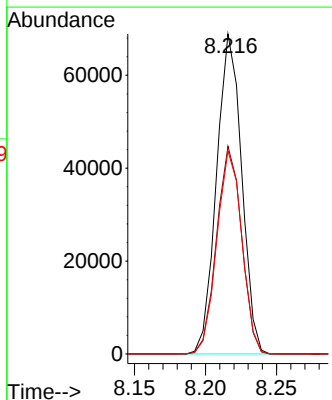
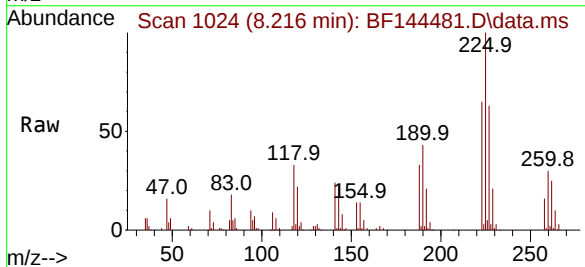
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

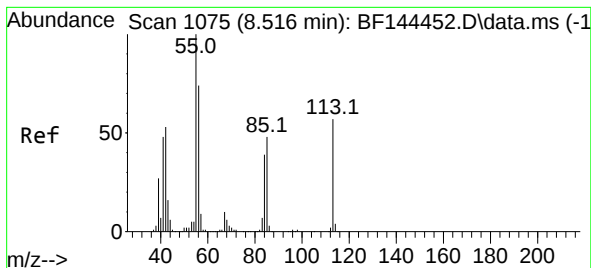
Tgt Ion:	127	Resp:	194285
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	31.0	25.8	38.8
92	19.1	15.5	23.3



#34
Hexachlorobutadiene
Concen: 9.517 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:	225	Resp:	84598
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.1	75.1
227	63.5	50.3	75.5





#35

Caprolactam

Concen: 8.754 ng

RT: 8.475 min Scan# 1068

Delta R.T. -0.041 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2025

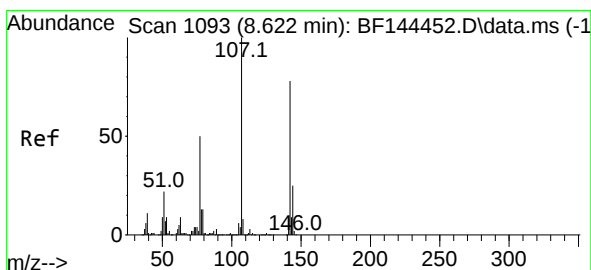
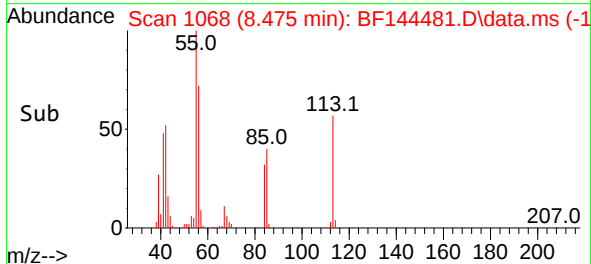
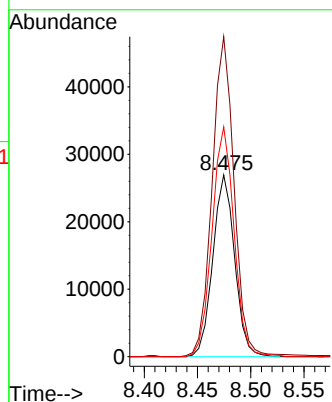
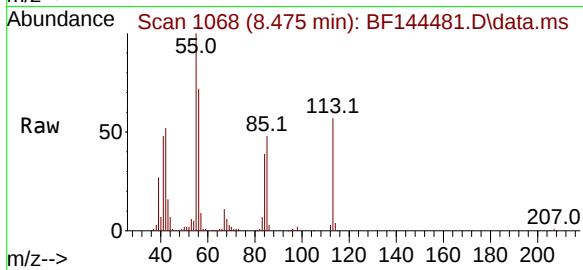
Tgt Ion:113 Resp: 38317

Ion Ratio Lower Upper

113 100

55 176.0 154.5 194.5

56 126.4 109.8 149.8



#36

4-Chloro-3-methylphenol

Concen: 9.261 ng

RT: 8.610 min Scan# 1091

Delta R.T. -0.012 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

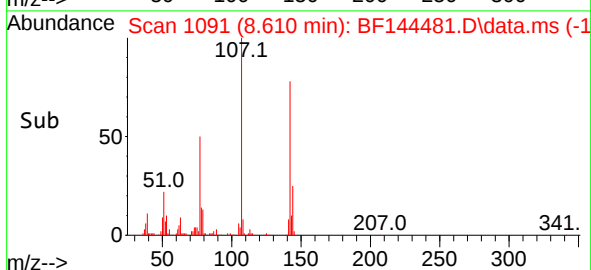
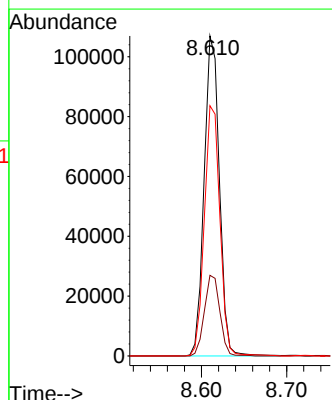
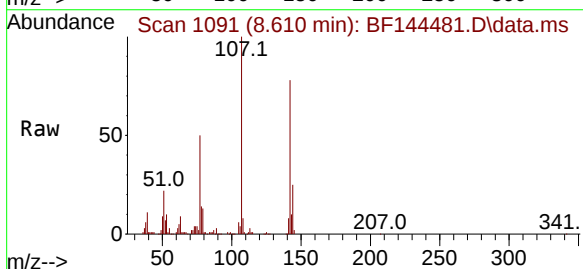
Tgt Ion:107 Resp: 133261

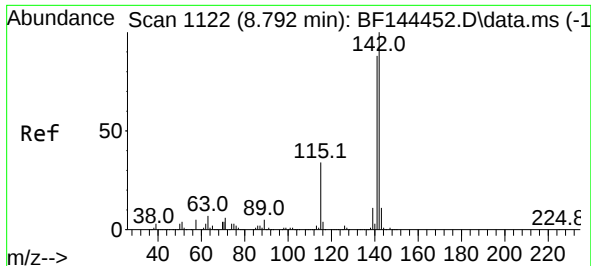
Ion Ratio Lower Upper

107 100

144 25.2 20.4 30.6

142 78.2 62.4 93.6





#37

2-Methylnaphthalene

Concen: 8.848 ng

RT: 8.786 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

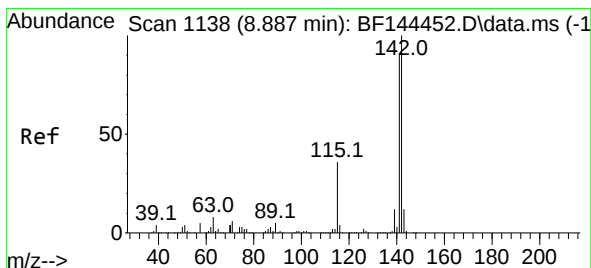
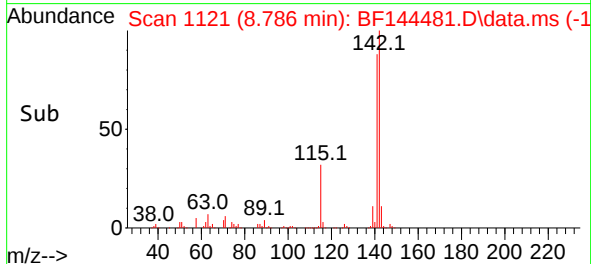
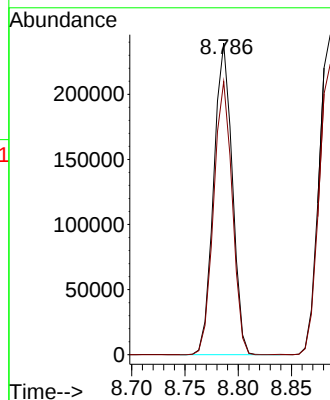
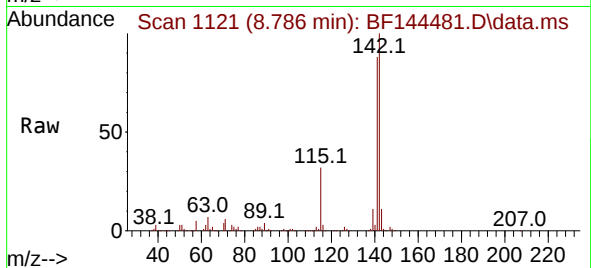
LOQ-WATER-02-QT4-2025

Tgt Ion:142 Resp: 290451

Ion Ratio Lower Upper

142 100

141 87.7 70.0 105.0



#38

1-Methylnaphthalene

Concen: 9.434 ng

RT: 8.886 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF144481.D

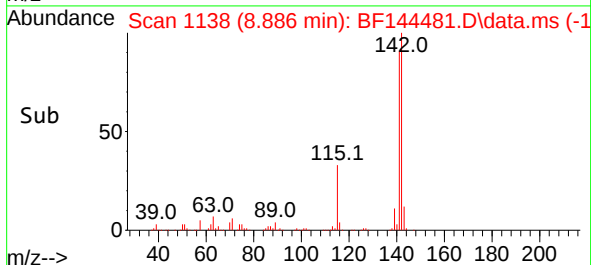
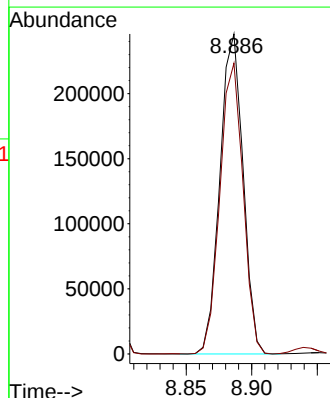
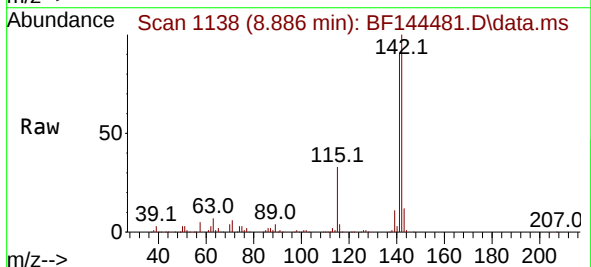
Acq: 15 Dec 2025 18:35

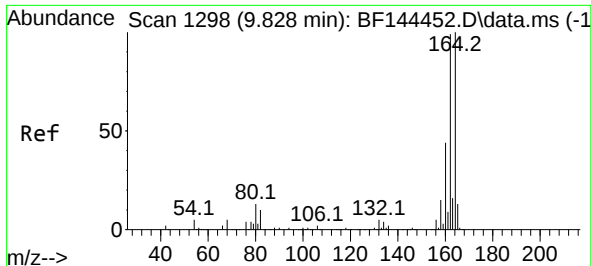
Tgt Ion:142 Resp: 301566

Ion Ratio Lower Upper

142 100

141 90.9 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1149

Delta R.T. -0.001 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2025

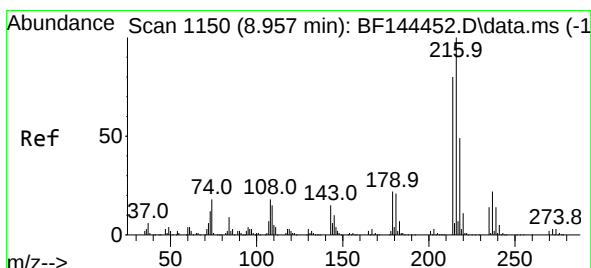
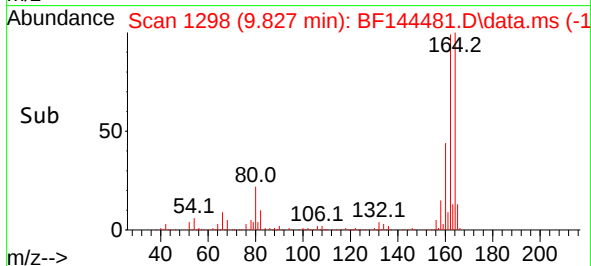
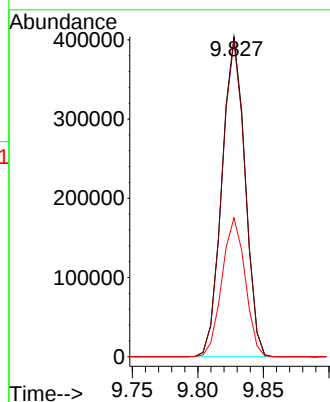
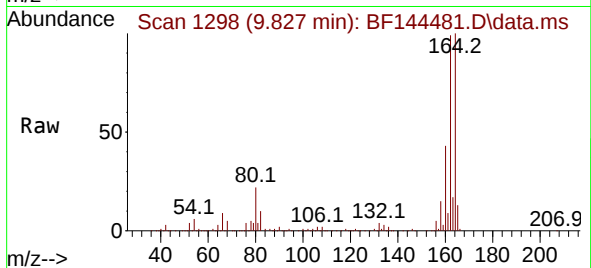
Tgt Ion:164 Resp: 493417

Ion Ratio Lower Upper

164 100

162 98.6 79.2 118.8

160 43.3 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.286 ng

RT: 8.951 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Tgt Ion:216 Resp: 144440

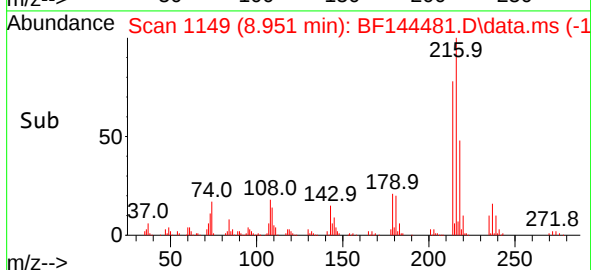
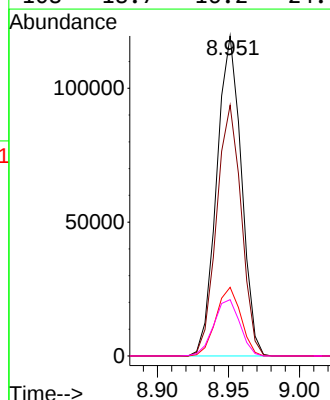
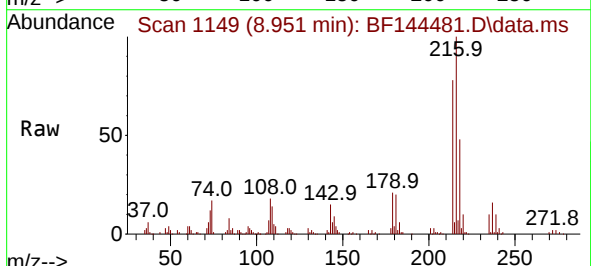
Ion Ratio Lower Upper

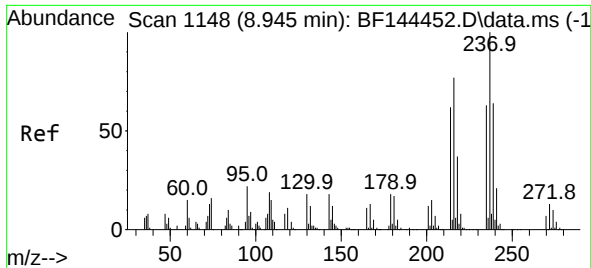
216 100

214 78.3 63.8 95.6

179 21.6 17.7 26.5

108 18.7 16.2 24.4

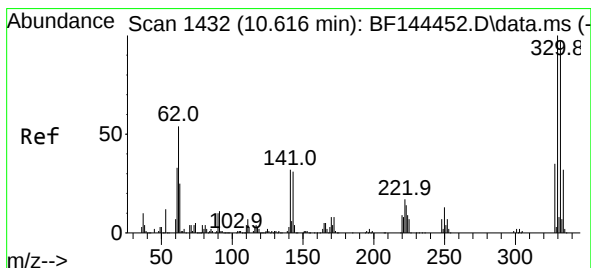
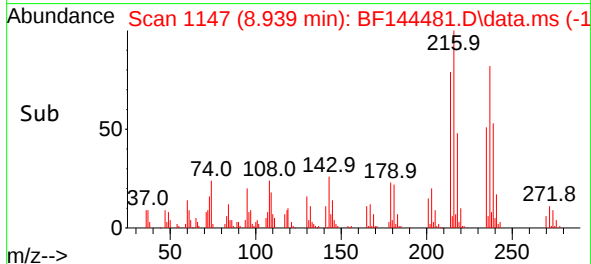
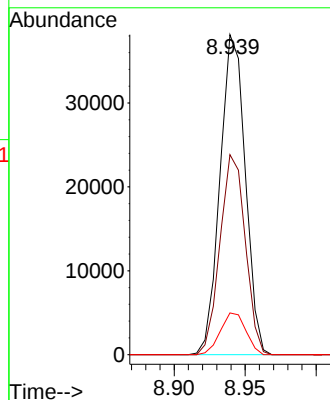
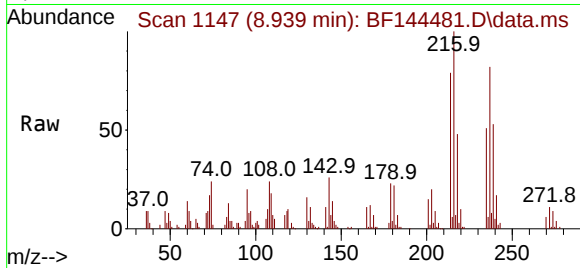




#41
Hexachlorocyclopentadiene
Concen: 5.677 ng
RT: 8.939 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

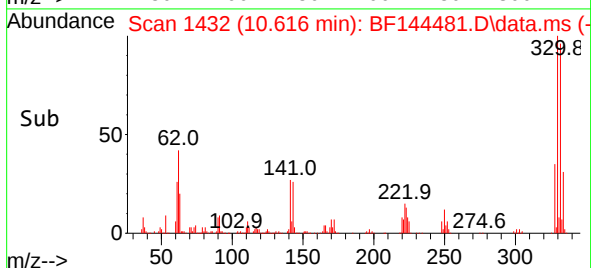
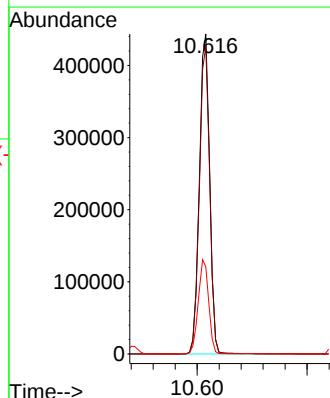
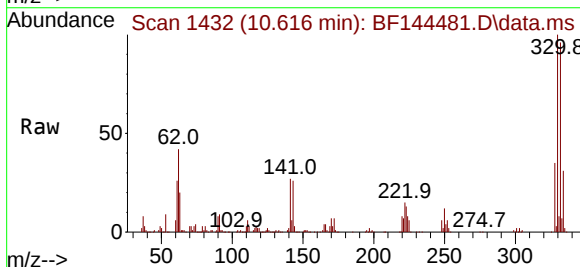
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

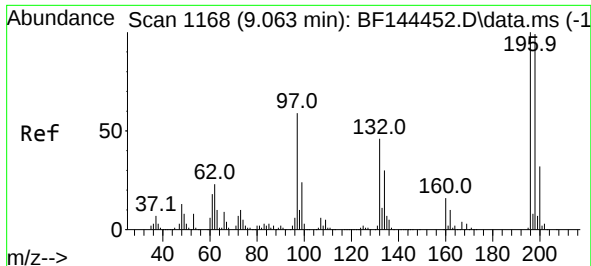
Tgt Ion:237 Resp: 47180
Ion Ratio Lower Upper
237 100
235 62.5 43.2 83.2
272 13.1 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 129.818 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:330 Resp: 579112
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 29.7 26.2 39.2

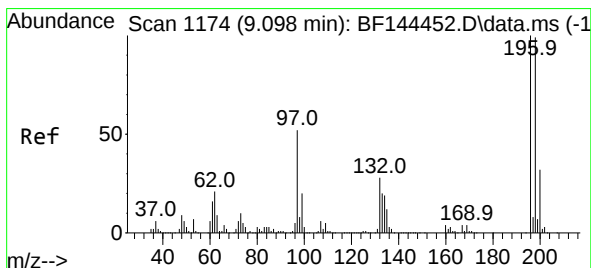
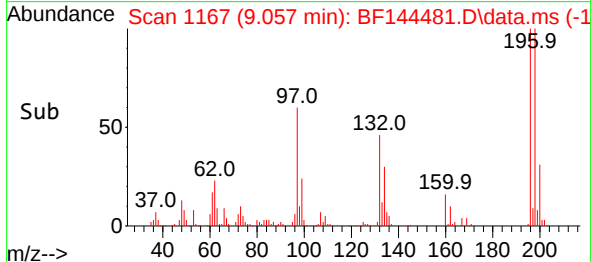
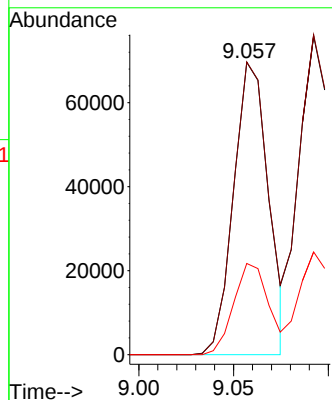
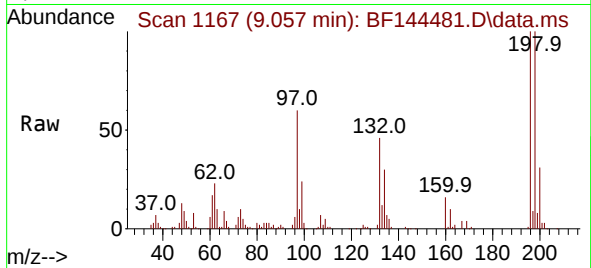




#43
2,4,6-Trichlorophenol
Concen: 9.960 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

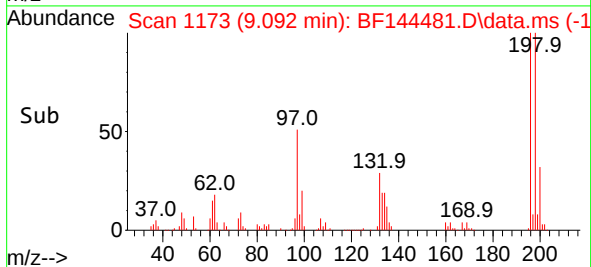
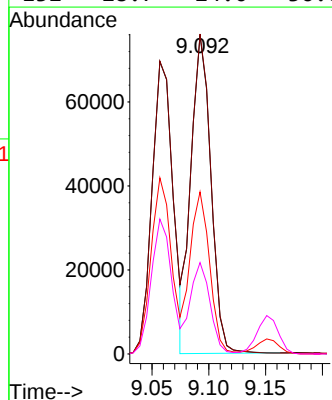
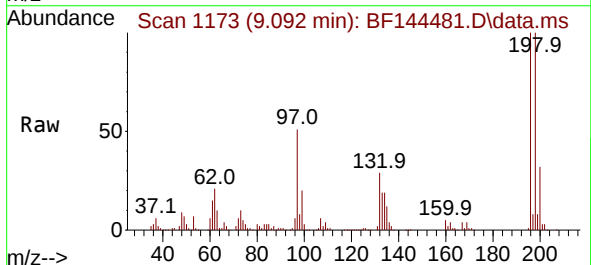
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

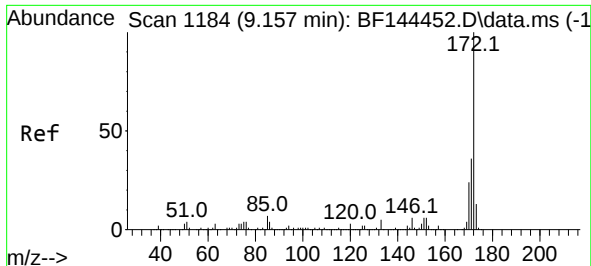
Tgt Ion:196 Resp: 88821
Ion Ratio Lower Upper
196 100
198 100.2 79.0 118.4
200 31.2 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 9.877 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:196 Resp: 92444
Ion Ratio Lower Upper
196 100
198 100.4 79.5 119.3
97 50.9 42.2 63.2
132 28.7 24.0 36.0

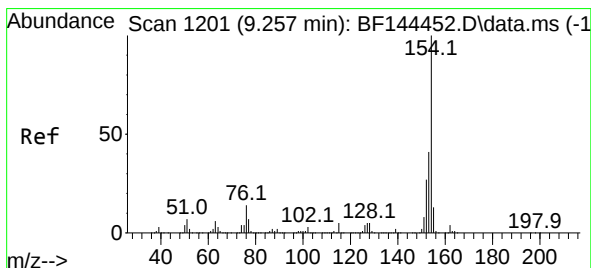
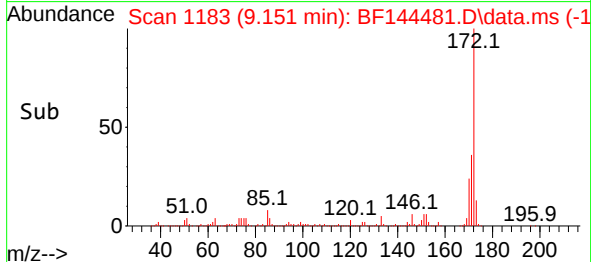
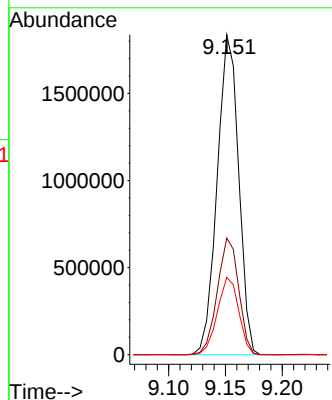
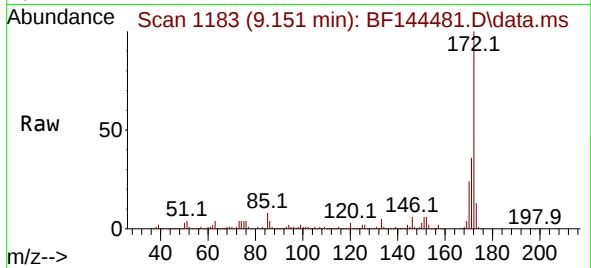




#45
2-Fluorobiphenyl
Concen: 75.091 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

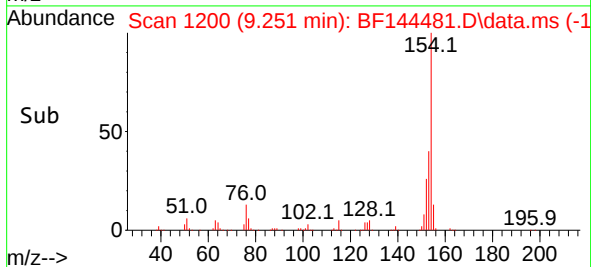
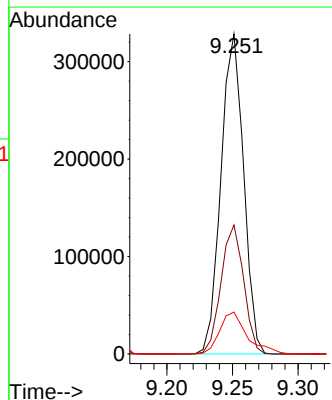
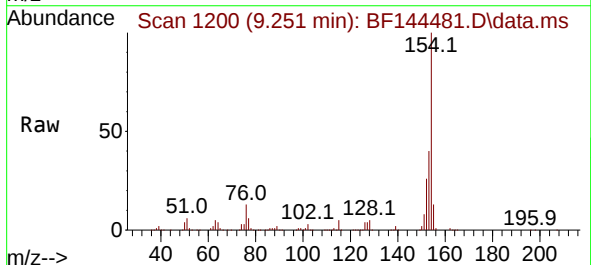
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

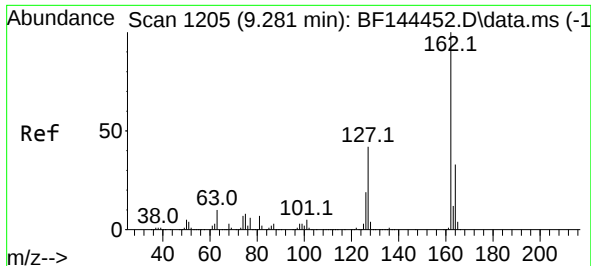
Tgt Ion:172 Resp: 2415225
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 24.2 19.3 28.9



#46
1,1'-Biphenyl
Concen: 10.207 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:154 Resp: 393598
Ion Ratio Lower Upper
154 100
153 40.3 21.0 61.0
76 13.1 0.0 33.8





#47

2-Chloronaphthalene

Concen: 9.940 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2025

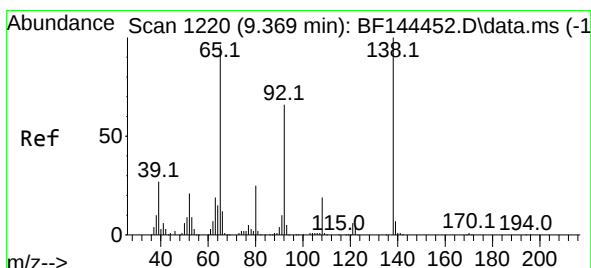
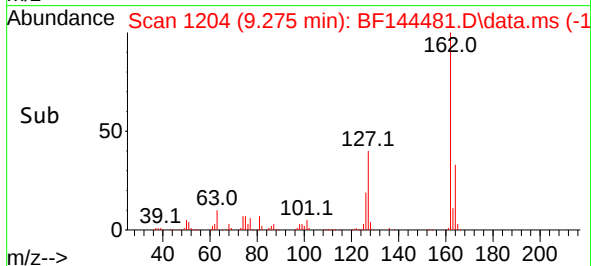
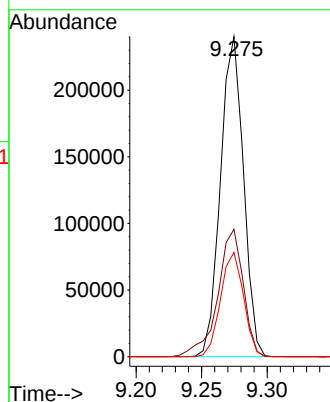
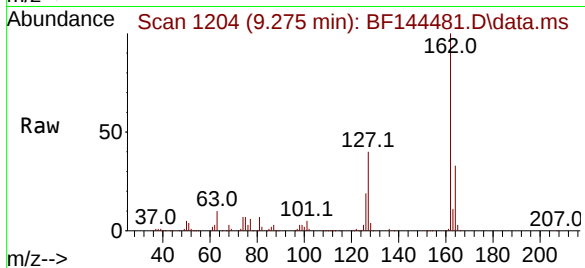
Tgt Ion:162 Resp: 292615

Ion Ratio Lower Upper

162 100

127 39.8 33.6 50.4

164 32.6 26.6 39.8



#48

2-Nitroaniline

Concen: 10.755 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

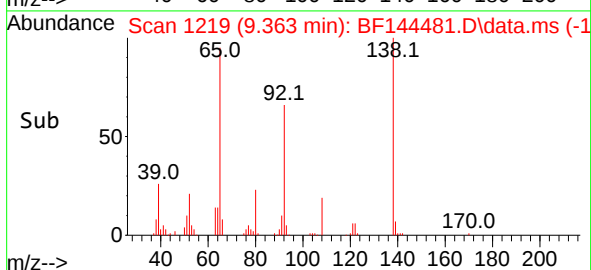
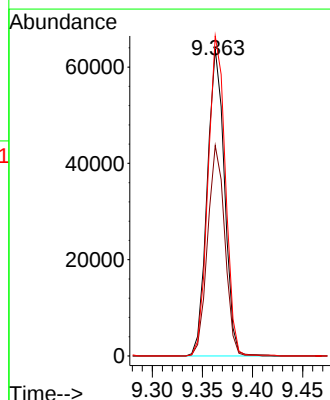
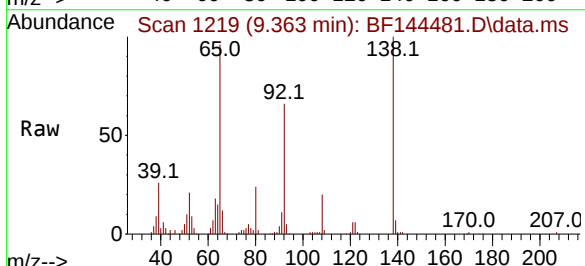
Tgt Ion: 65 Resp: 76620

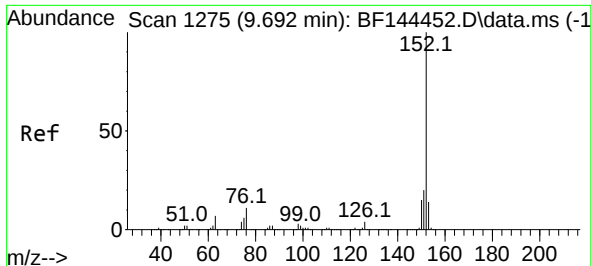
Ion Ratio Lower Upper

65 100

92 68.5 55.0 82.4

138 104.2 83.4 125.2

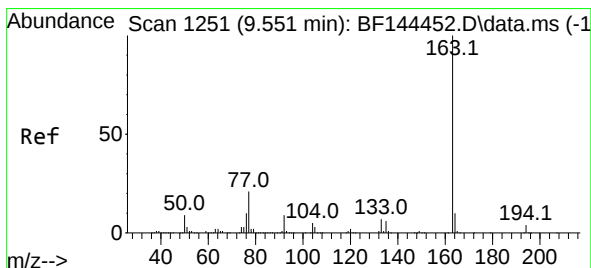
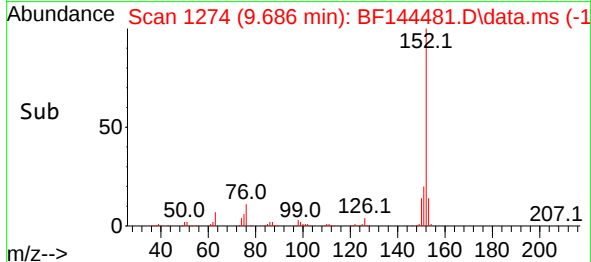
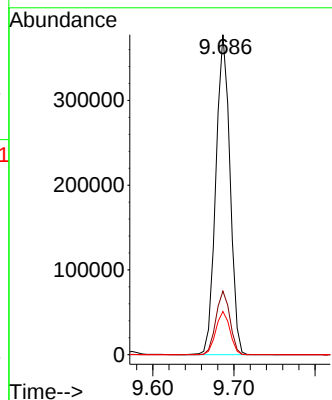
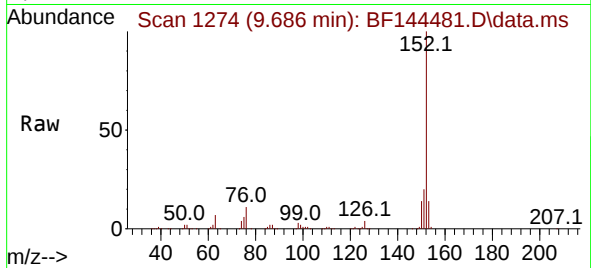




#49
Acenaphthylene
Concen: 9.792 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

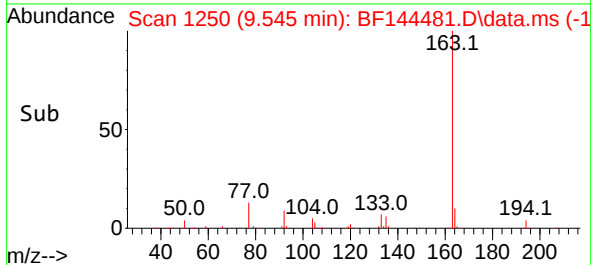
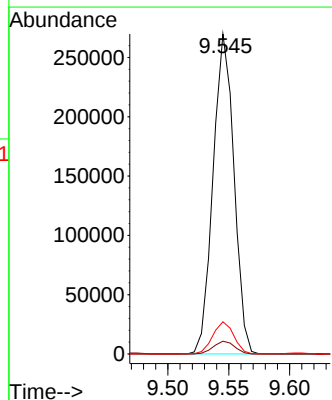
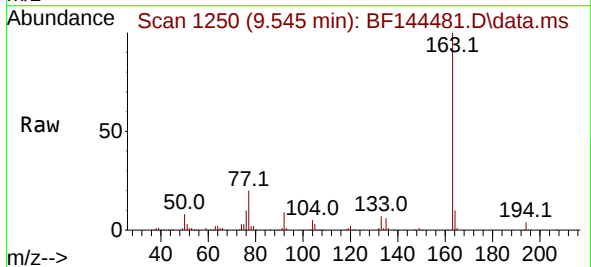
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

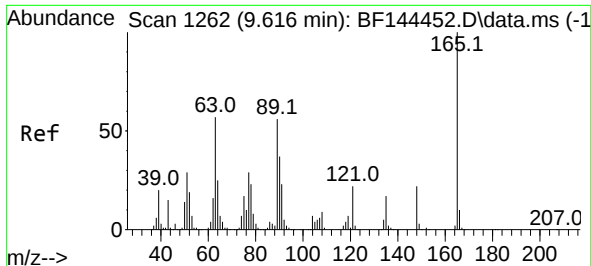
Tgt Ion:152 Resp: 456694
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.5 11.4 17.0



#50
Dimethylphthalate
Concen: 9.674 ng
RT: 9.545 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:163 Resp: 322425
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.3 12.5

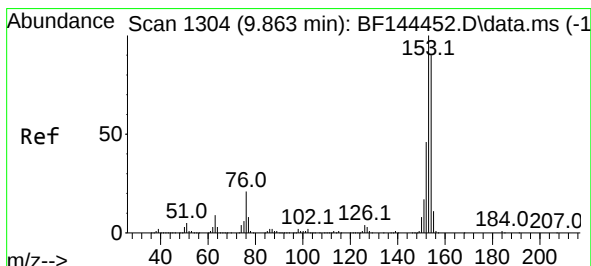
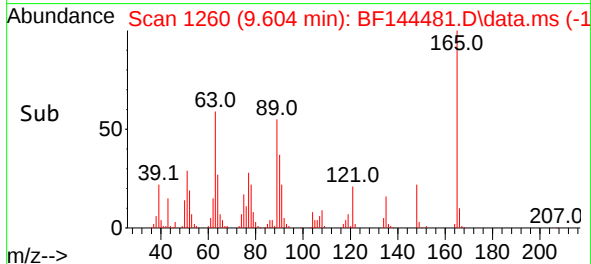
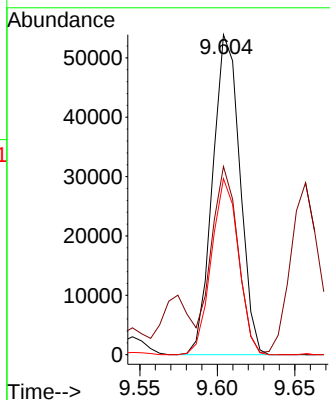
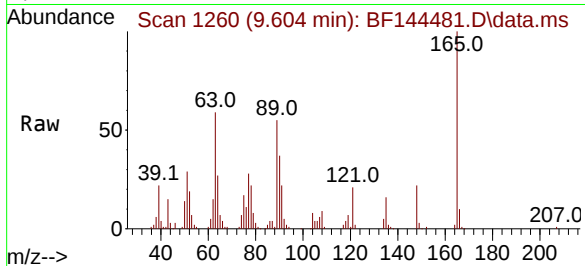




#51
2,6-Dinitrotoluene
Concen: 13.014 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

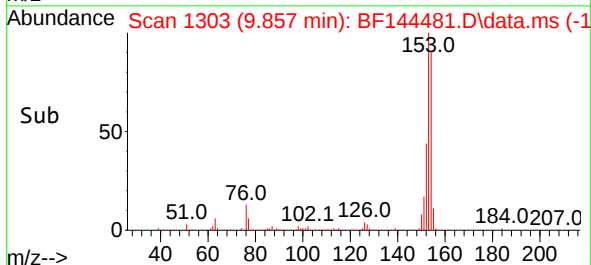
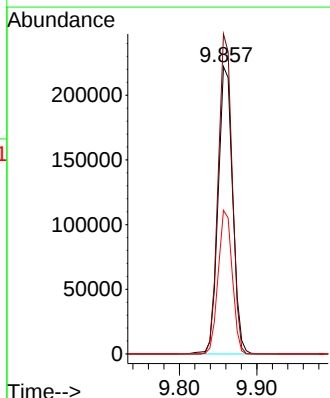
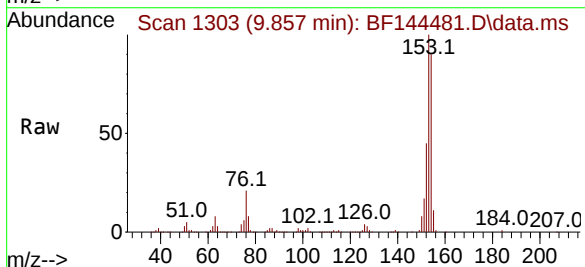
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

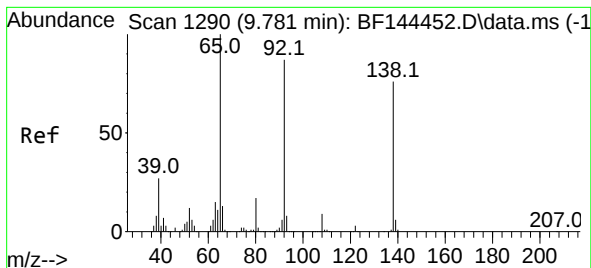
Tgt Ion:165 Resp: 66037
Ion Ratio Lower Upper
165 100
63 58.8 45.9 68.9
89 55.0 44.6 67.0



#52
Acenaphthene
Concen: 9.963 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:154 Resp: 289726
Ion Ratio Lower Upper
154 100
153 111.4 88.6 132.8
152 50.0 40.6 61.0





#53

3-Nitroaniline

Concen: 11.617 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2025

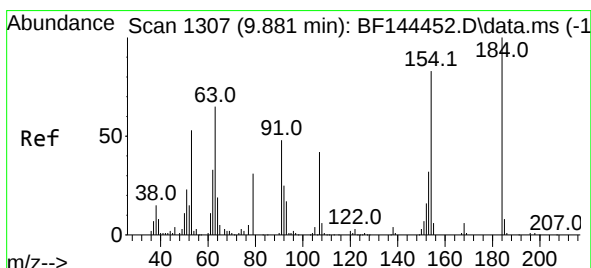
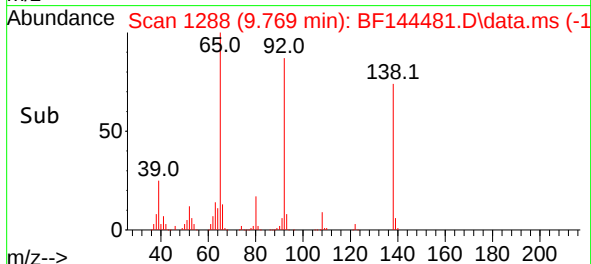
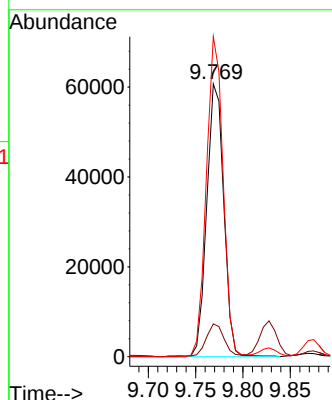
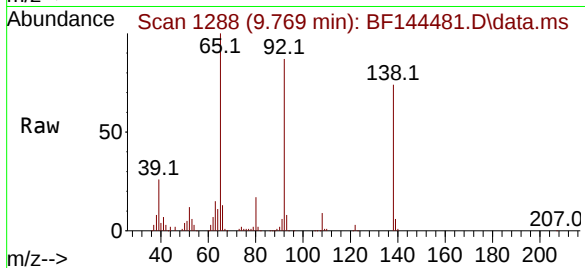
Tgt Ion:138 Resp: 75731

Ion Ratio Lower Upper

138 100

108 12.0 9.7 14.5

92 117.3 91.5 137.3



#54

2,4-Dinitrophenol

Concen: 8.235 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

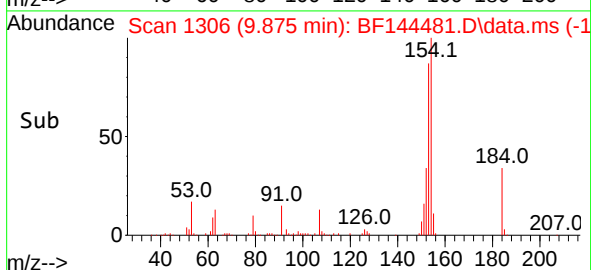
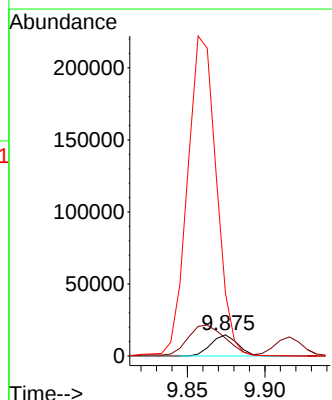
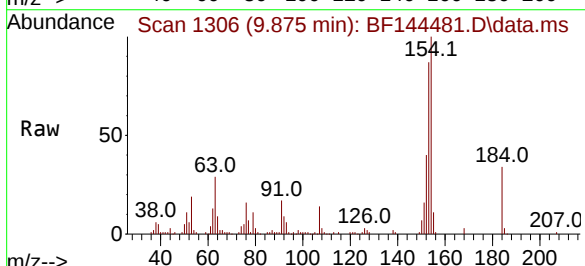
Tgt Ion:184 Resp: 17546

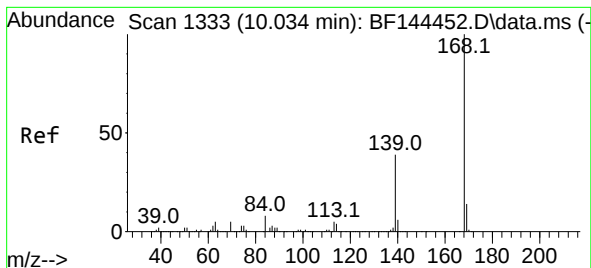
Ion Ratio Lower Upper

184 100

63 84.6 60.6 91.0

154 296.2 137.8 206.8#





#55

Dibenzenofuran

Concen: 9.986 ng

RT: 10.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2025

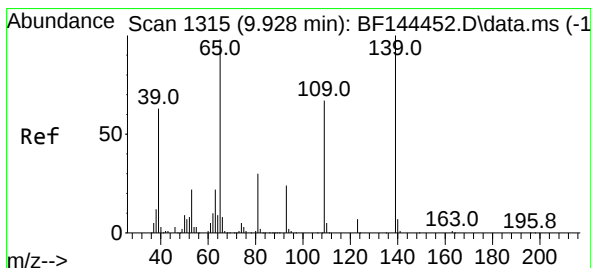
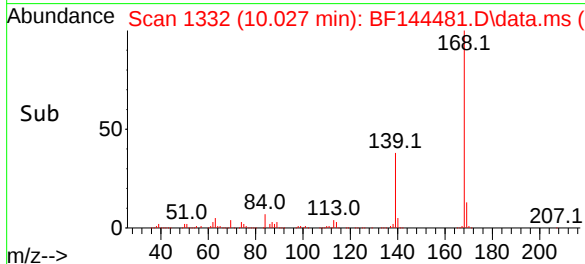
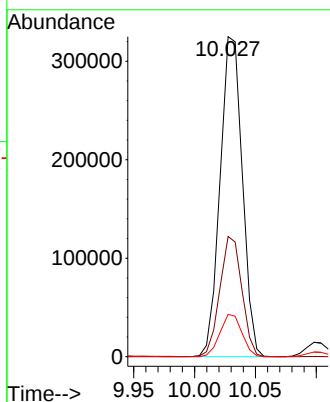
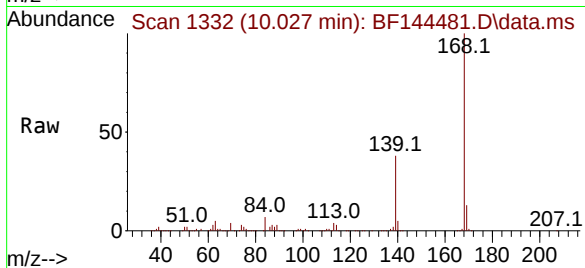
Tgt Ion:168 Resp: 413175

Ion Ratio Lower Upper

168 100

139 37.6 31.0 46.6

169 13.2 10.9 16.3



#56

4-Nitrophenol

Concen: 9.865 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

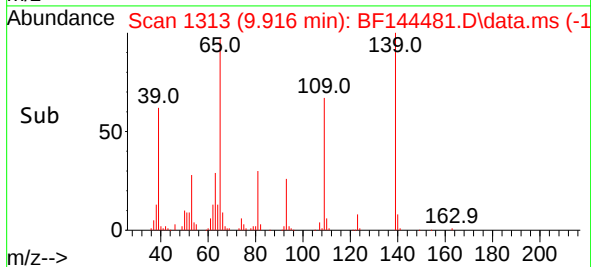
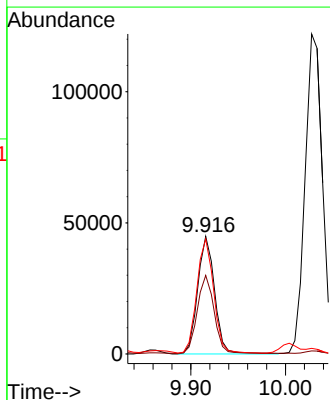
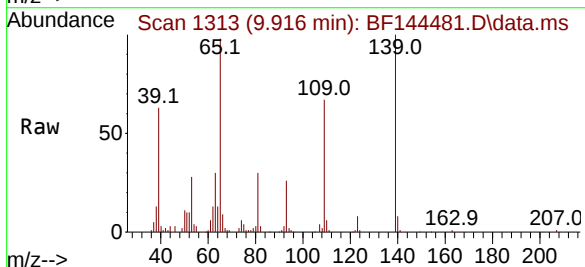
Tgt Ion:139 Resp: 55994

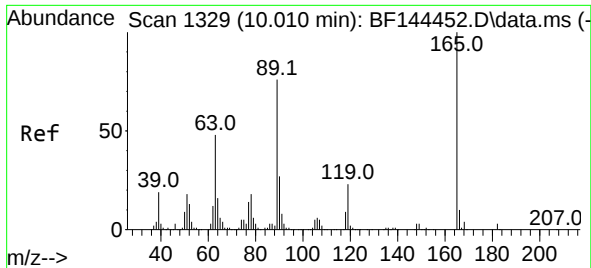
Ion Ratio Lower Upper

139 100

109 66.8 47.4 87.4

65 97.9 78.4 118.4

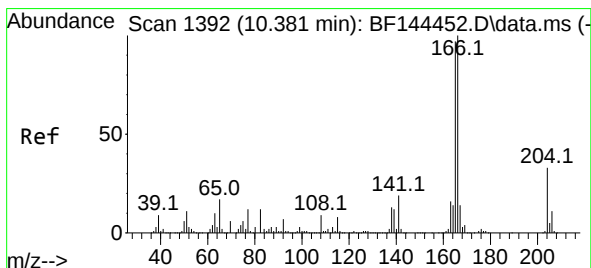
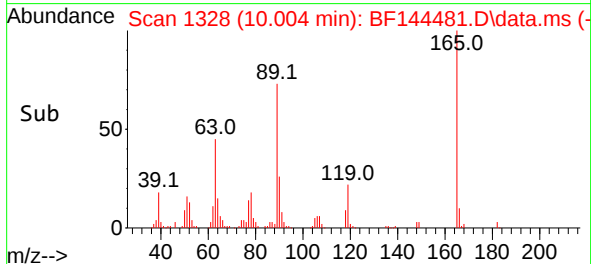
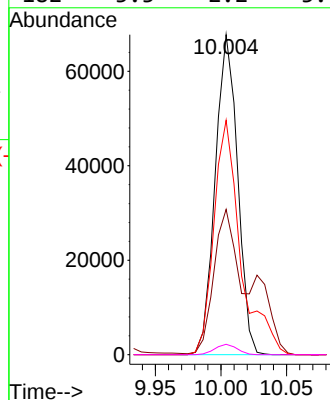
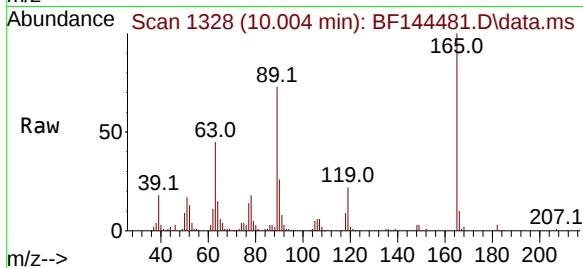




#57
2,4-Dinitrotoluene
Concen: 11.570 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

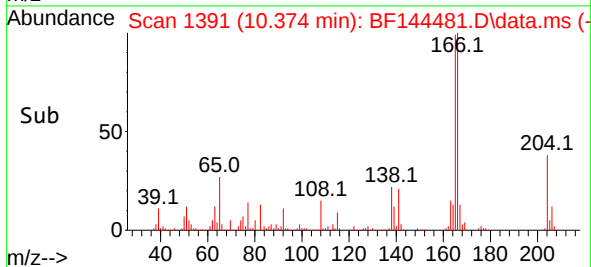
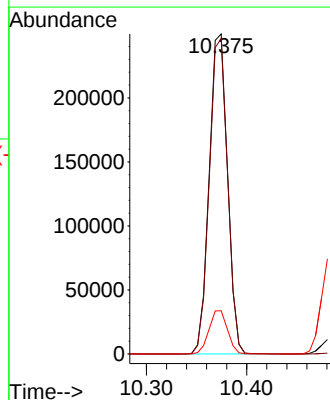
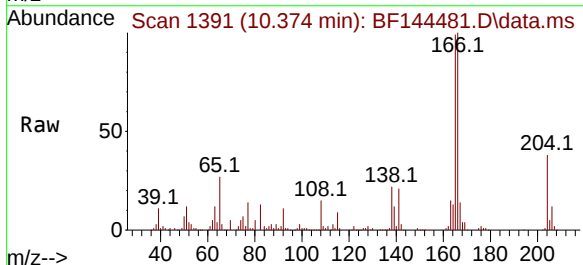
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

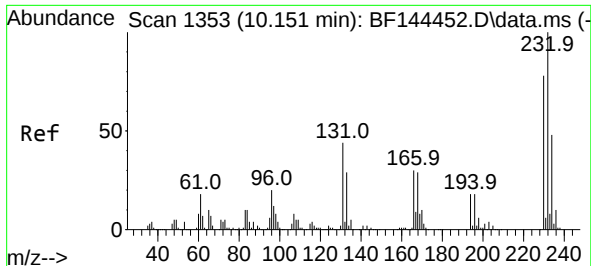
Tgt Ion:	165	Resp:	80287
Ion Ratio	Lower	Upper	
165	100		
63	45.4	38.2	57.4
89	73.2	61.2	91.8
182	3.3	2.2	3.4



#58
Fluorene
Concen: 10.128 ng
RT: 10.374 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:	166	Resp:	317306
Ion Ratio	Lower	Upper	
166	100		
165	98.5	77.6	116.4
167	13.5	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 11.138 ng

RT: 10.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2025

Tgt Ion:232 Resp: 79135

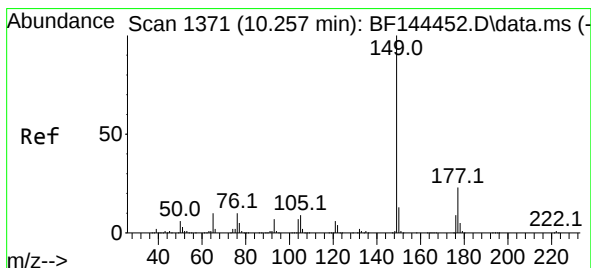
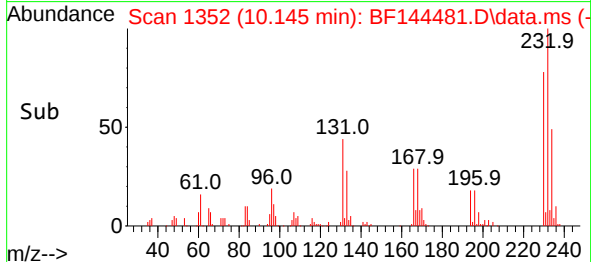
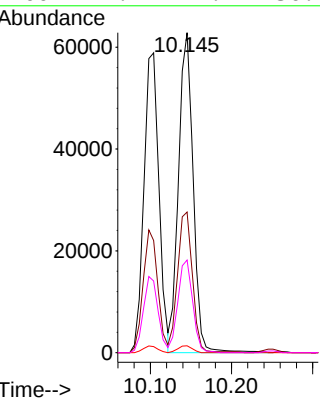
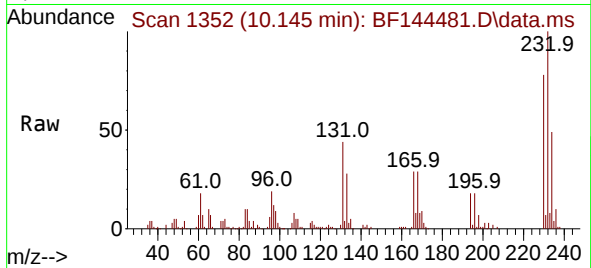
Ion Ratio Lower Upper

232 100

131 44.7 36.3 54.5

130 2.1 1.8 2.6

166 29.1 24.4 36.6



#60

Diethylphthalate

Concen: 9.417 ng

RT: 10.251 min Scan# 1370

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

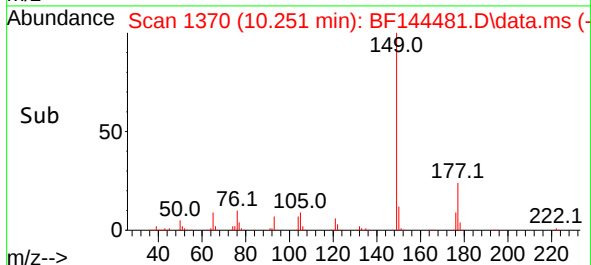
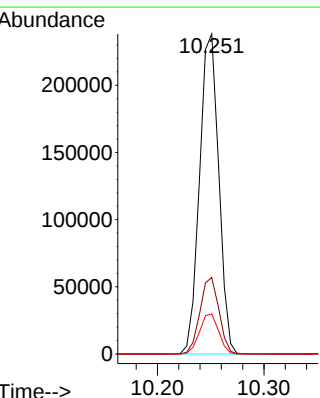
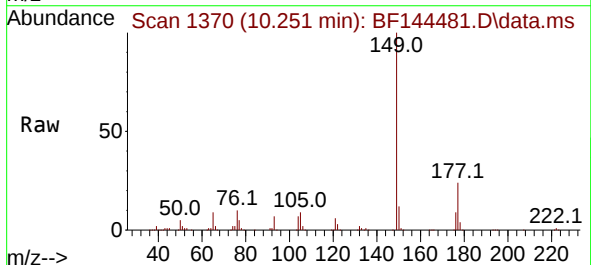
Tgt Ion:149 Resp: 297459

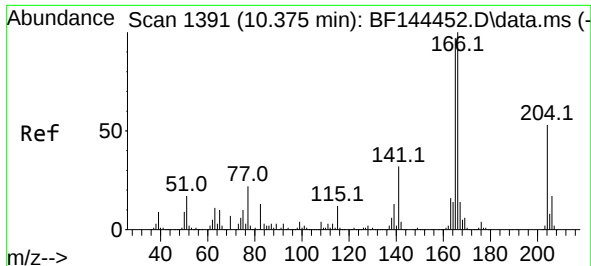
Ion Ratio Lower Upper

149 100

177 23.9 18.7 28.1

150 12.5 10.1 15.1

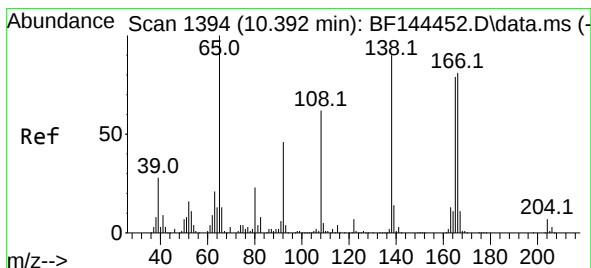
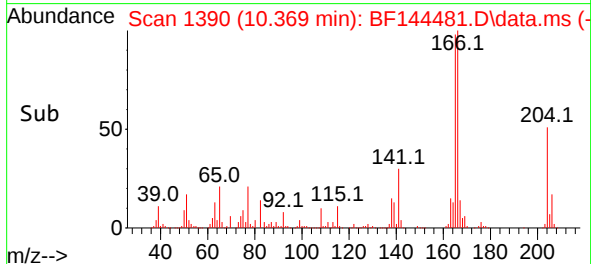
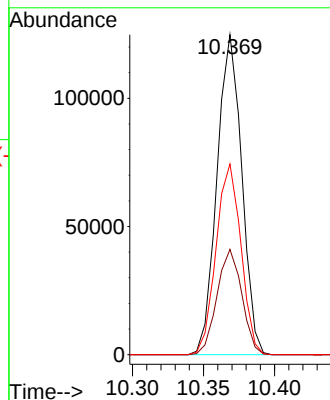
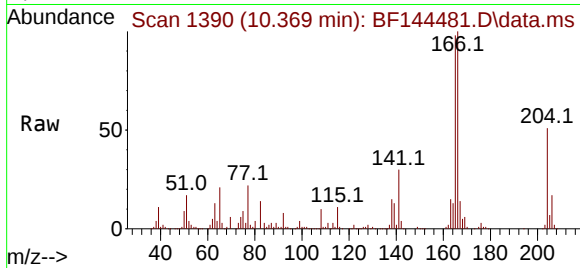




#61
4-Chlorophenyl-phenylether
Concen: 9.846 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

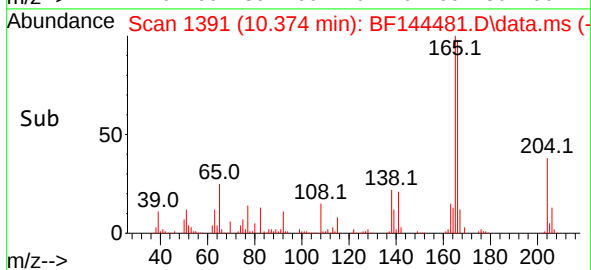
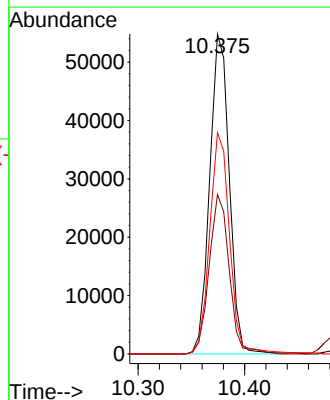
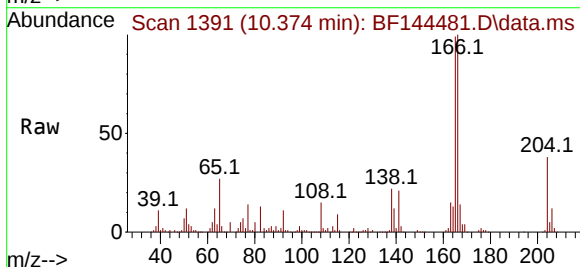
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

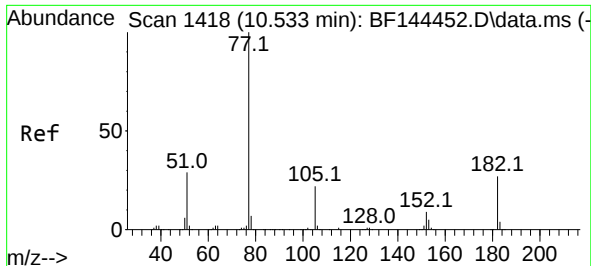
Tgt Ion:204 Resp: 151356
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 59.6 48.4 72.6



#62
4-Nitroaniline
Concen: 10.597 ng
RT: 10.374 min Scan# 1391
Delta R.T. -0.018 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:138 Resp: 69846
Ion Ratio Lower Upper
138 100
92 49.8 30.8 70.8
108 69.1 49.2 89.2

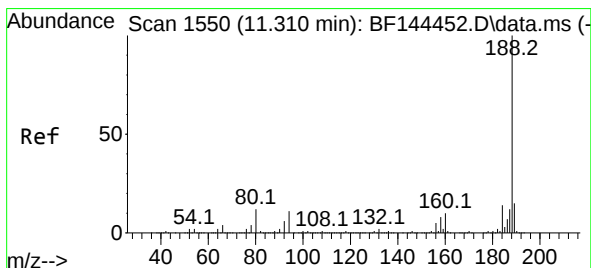
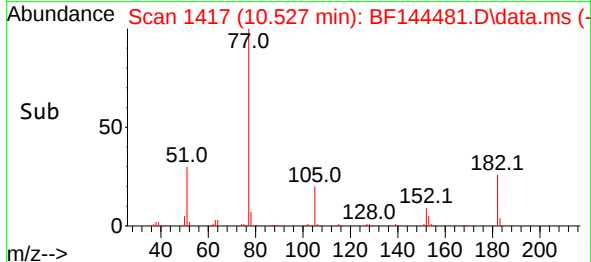
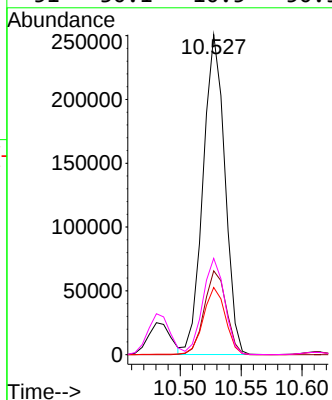
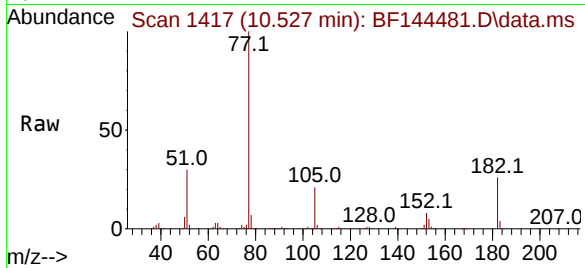




#63
Azobenzene
Concen: 9.341 ng
RT: 10.527 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

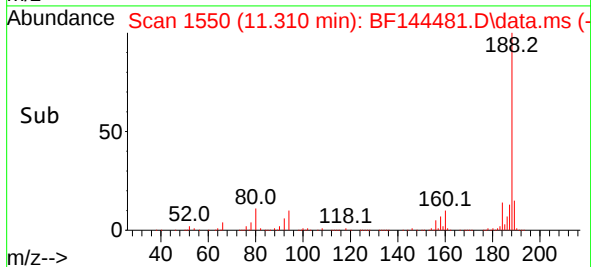
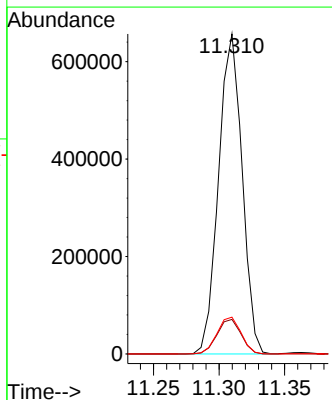
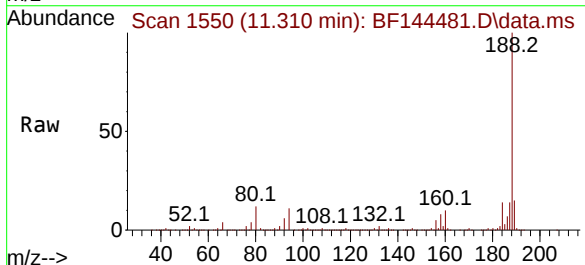
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

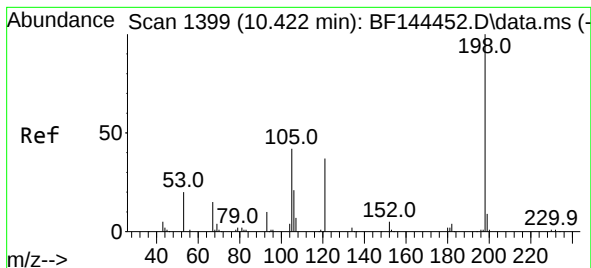
Tgt Ion: 77	Resp: 311857
Ion Ratio	Lower Upper
77 100	
182 26.2	6.1 46.1
105 21.0	1.5 41.5
51 30.1	10.5 50.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:188	Resp: 820197		
Ion Ratio	Lower	Upper	
188 100			
94 10.8	9.0	13.6	
80 11.5	9.8	14.8	

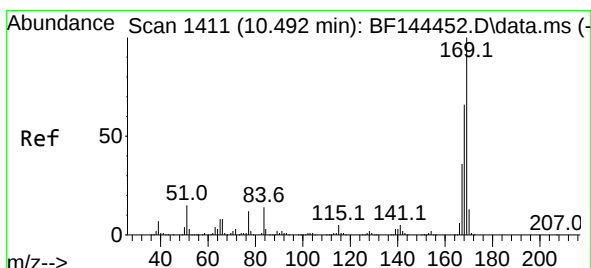
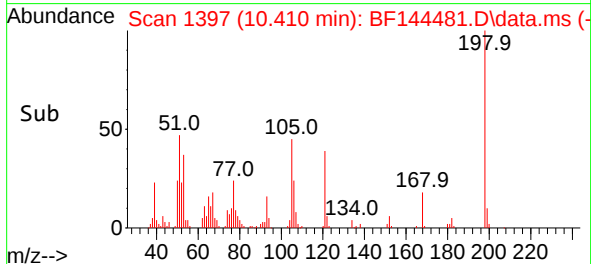
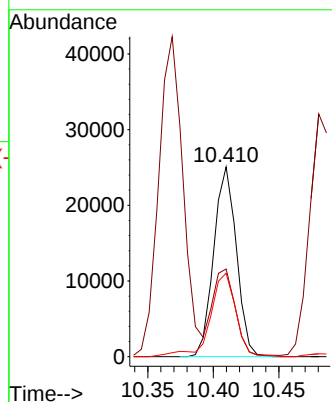
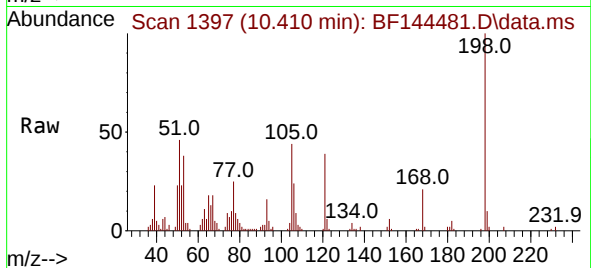




#65
4,6-Dinitro-2-methylphenol
Concen: 9.347 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

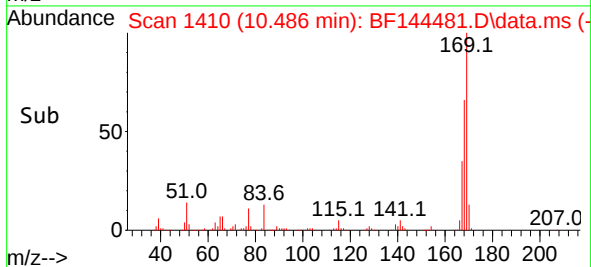
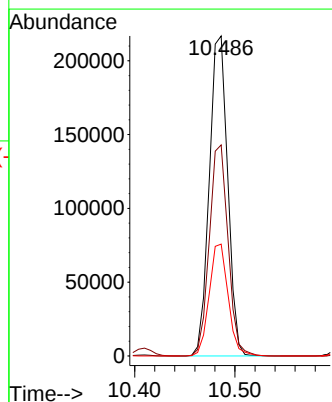
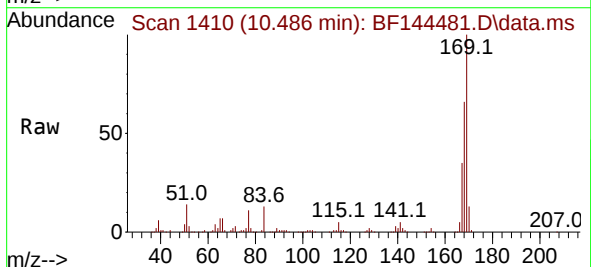
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

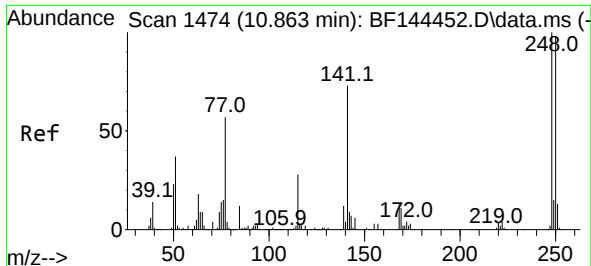
Tgt Ion:198 Resp: 30114
Ion Ratio Lower Upper
198 100
51 46.2 25.5 65.5
105 44.0 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 9.840 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:169 Resp: 276571
Ion Ratio Lower Upper
169 100
168 66.0 52.6 79.0
167 35.0 28.8 43.2

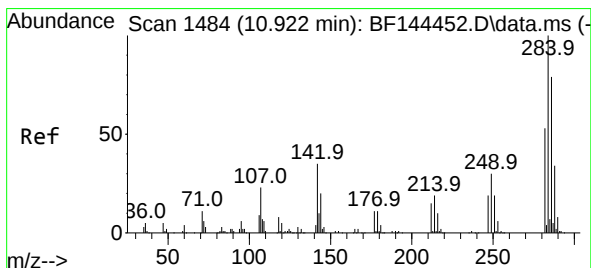
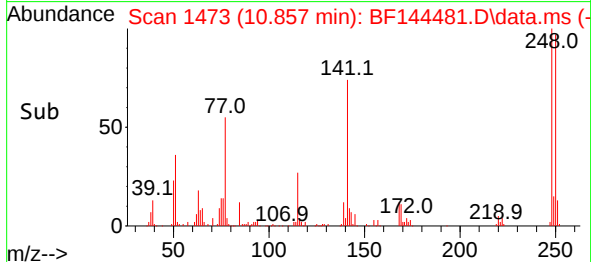
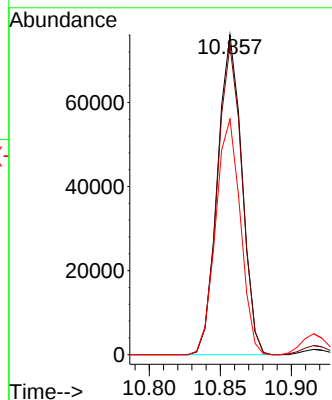
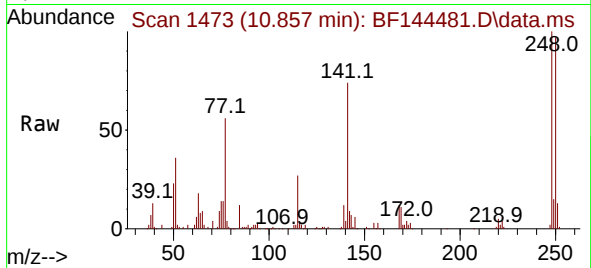




#67
4-Bromophenyl-phenylether
Concen: 9.500 ng
RT: 10.857 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

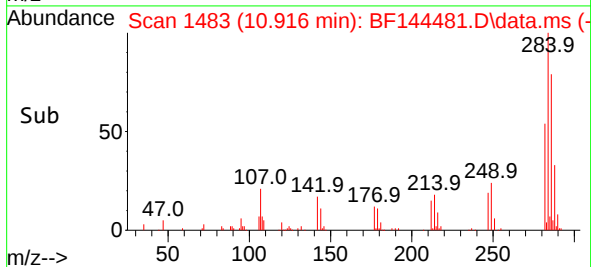
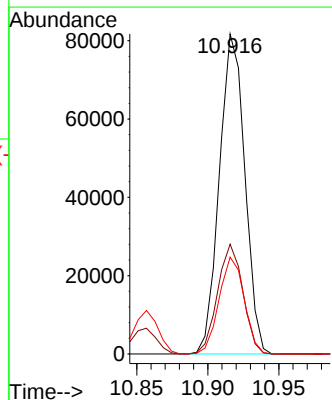
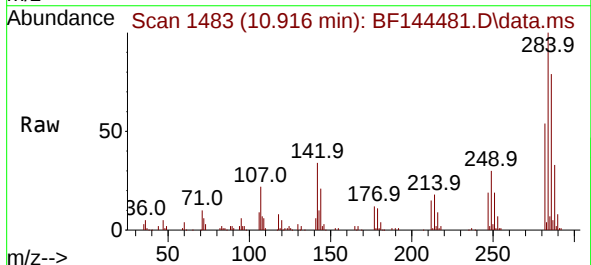
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

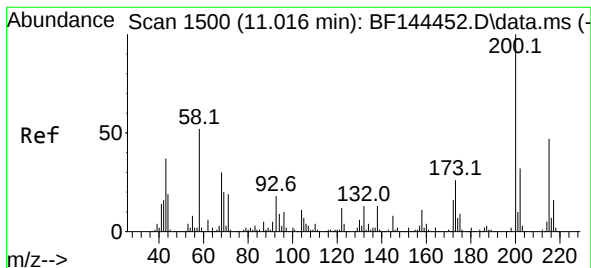
Tgt Ion:248 Resp: 90962
Ion Ratio Lower Upper
248 100
250 96.6 78.2 117.4
141 73.6 58.5 87.7



#68
Hexachlorobenzene
Concen: 9.627 ng
RT: 10.916 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:284 Resp: 101760
Ion Ratio Lower Upper
284 100
142 34.3 28.2 42.2
249 30.3 24.7 37.1





#69

Atrazine

Concen: 9.736 ng

RT: 11.010 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2025

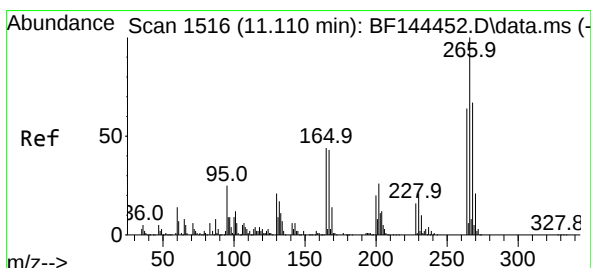
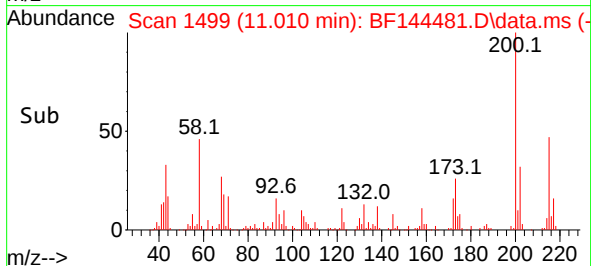
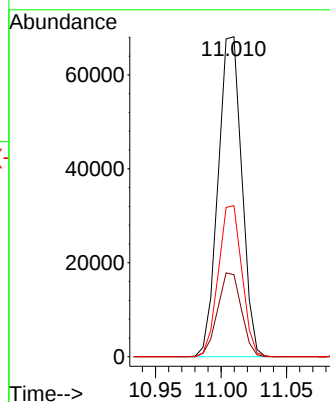
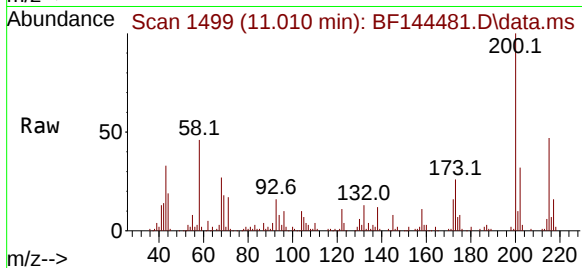
Tgt Ion:200 Resp: 85714

Ion Ratio Lower Upper

200 100

173 25.6 6.2 46.2

215 47.2 27.2 67.2



#70

Pentachlorophenol

Concen: 9.153 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.000 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

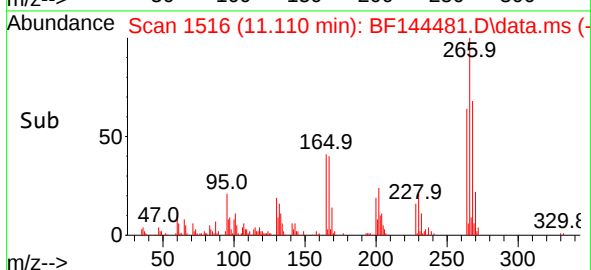
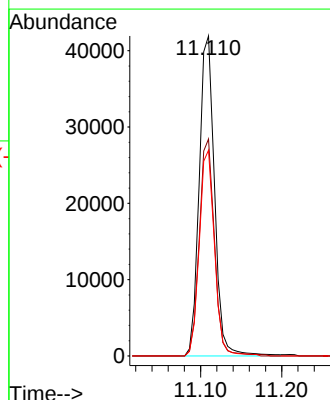
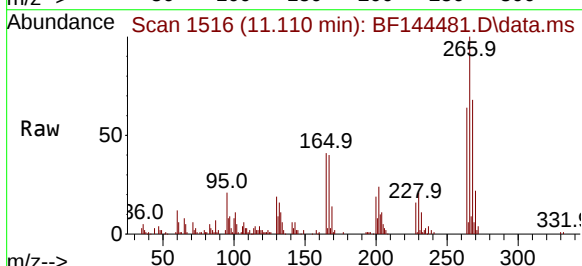
Tgt Ion:266 Resp: 55181

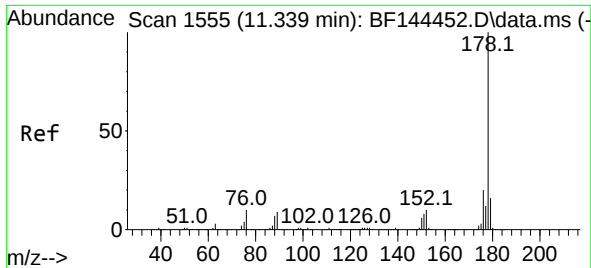
Ion Ratio Lower Upper

266 100

268 67.8 53.8 80.8

264 64.3 51.2 76.8

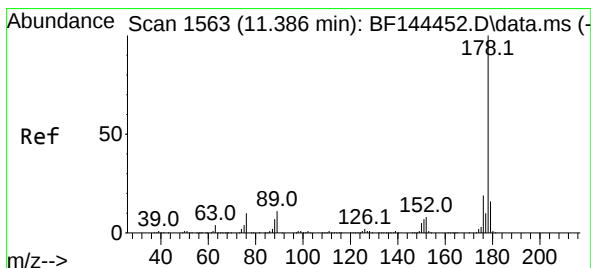
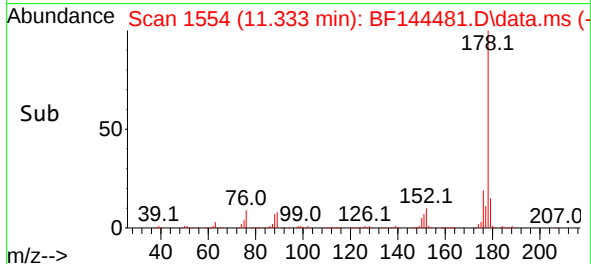
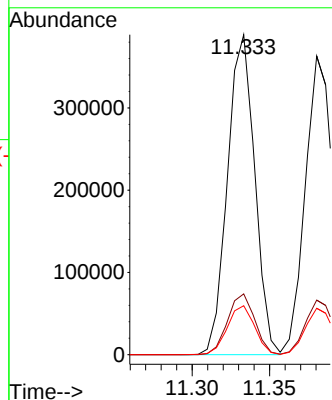
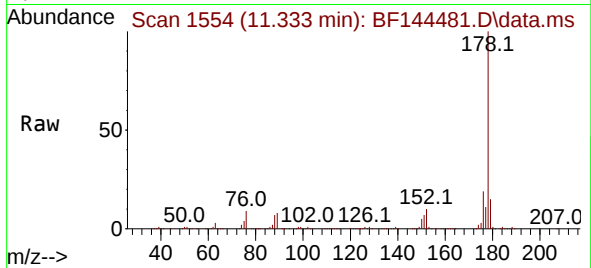




#71
Phenanthrene
Concen: 10.072 ng
RT: 11.333 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

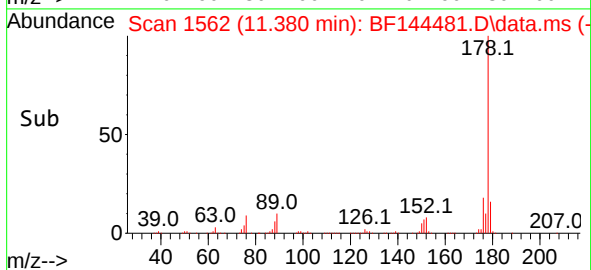
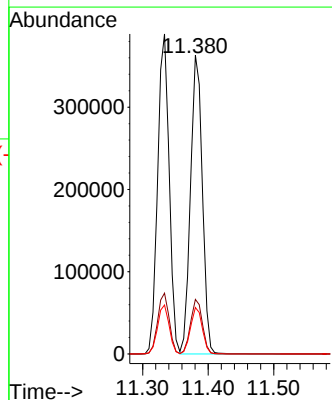
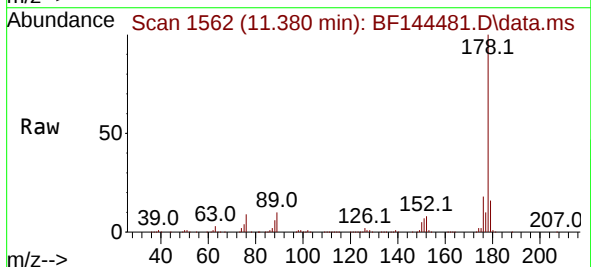
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

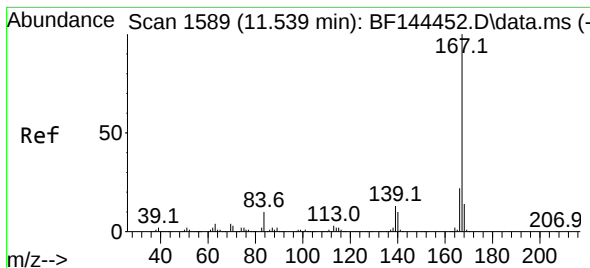
Tgt Ion:178 Resp: 476238
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.3 12.5 18.7



#72
Anthracene
Concen: 9.519 ng
RT: 11.380 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:178 Resp: 455547
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 15.5 12.7 19.1





#73

Carbazole

Concen: 10.349 ng

RT: 11.533 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2025

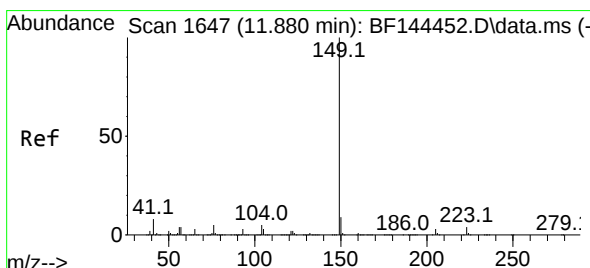
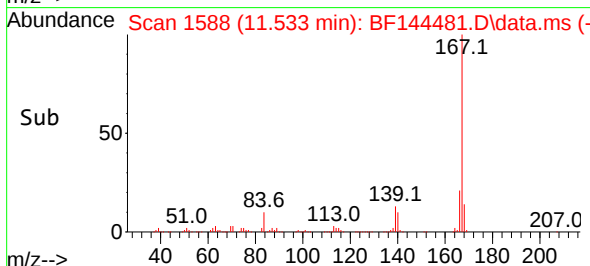
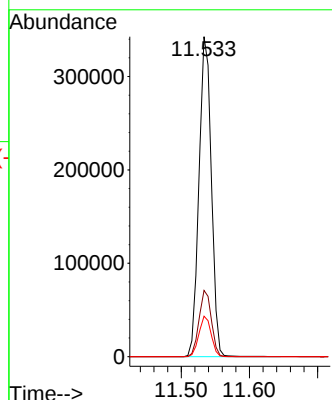
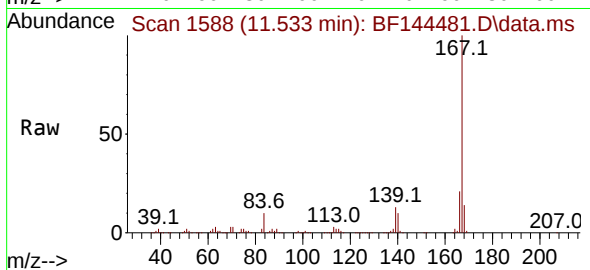
Tgt Ion:167 Resp: 429981

Ion Ratio Lower Upper

167 100

166 20.7 17.4 26.2

139 12.6 10.7 16.1



#74

Di-n-butylphthalate

Concen: 9.675 ng

RT: 11.874 min Scan# 1646

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

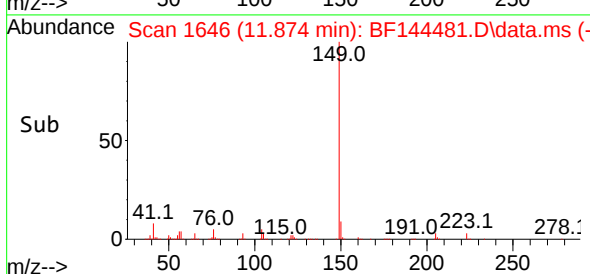
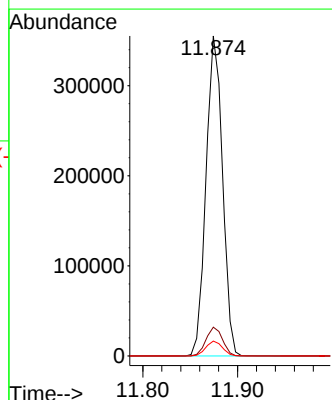
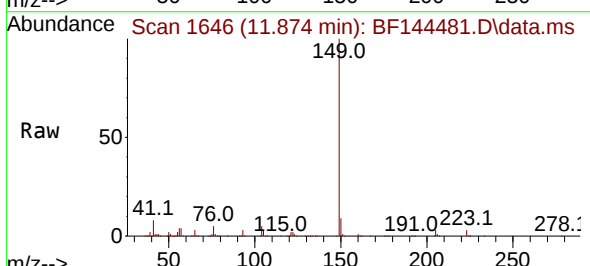
Tgt Ion:149 Resp: 429706

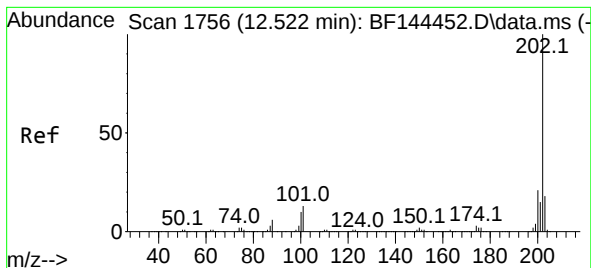
Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

104 4.7 3.9 5.9





#75

Fluoranthene

Concen: 10.306 ng

RT: 12.516 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2025

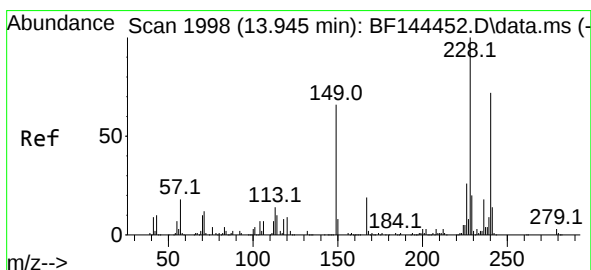
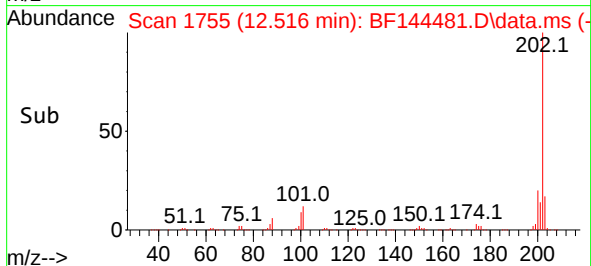
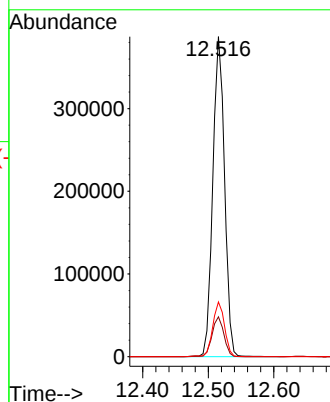
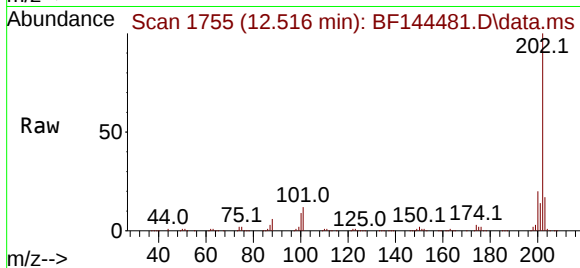
Tgt Ion:202 Resp: 481213

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.9

203 17.1 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

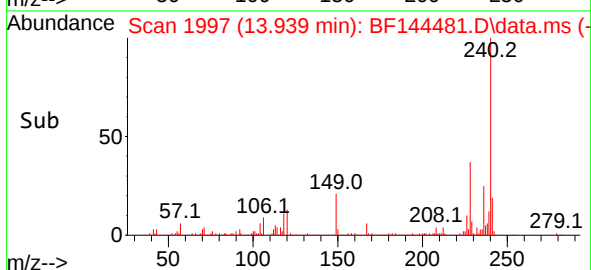
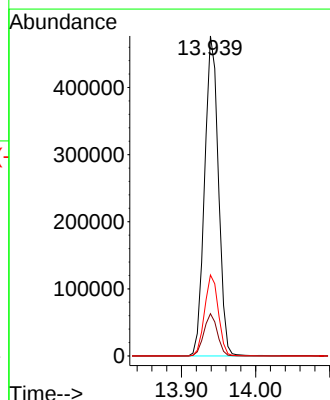
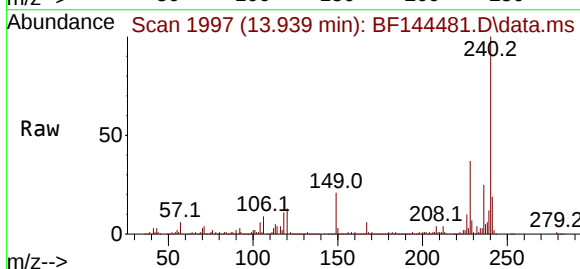
Tgt Ion:240 Resp: 617655

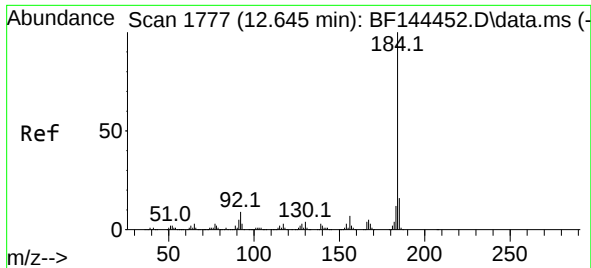
Ion Ratio Lower Upper

240 100

120 13.2 10.3 15.5

236 25.3 20.2 30.4

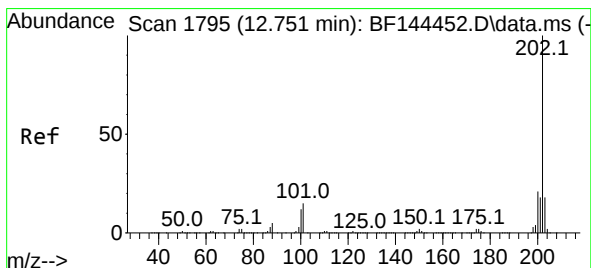
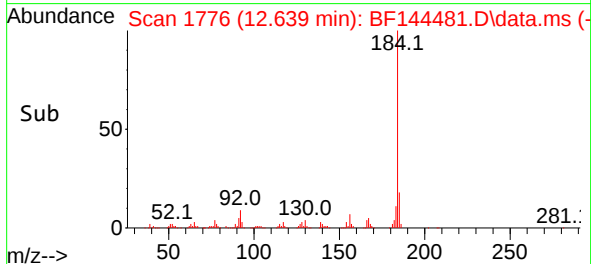
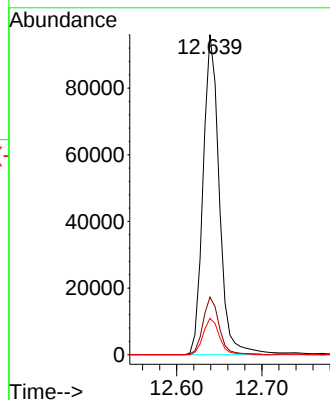
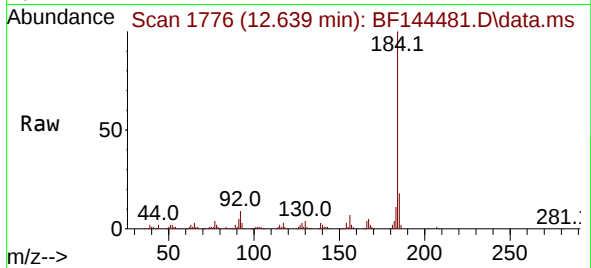




#77
Benzidine
Concen: 5.788 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

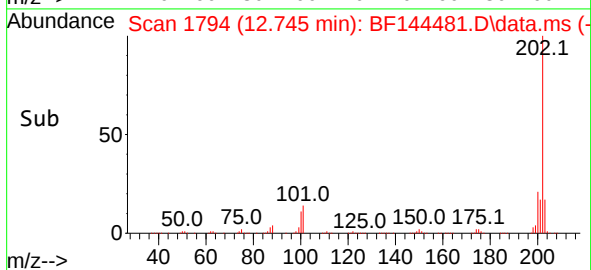
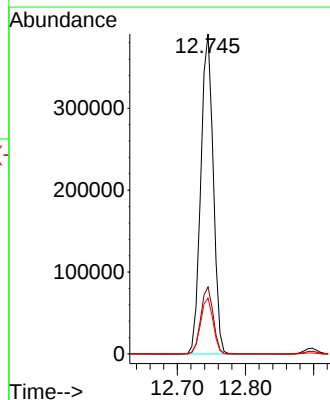
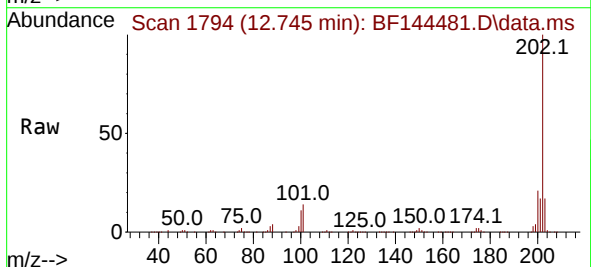
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

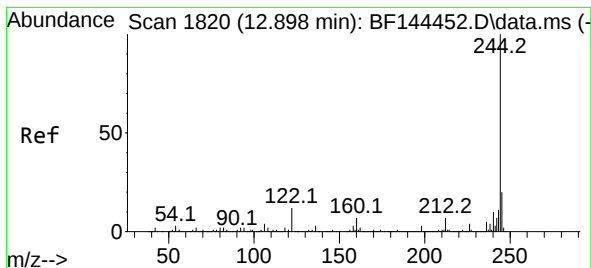
Tgt Ion:184 Resp: 127285
Ion Ratio Lower Upper
184 100
185 18.0 12.6 18.8
183 11.4 9.4 14.0



#78
Pyrene
Concen: 8.766 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:202 Resp: 496036
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 70.274 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2025

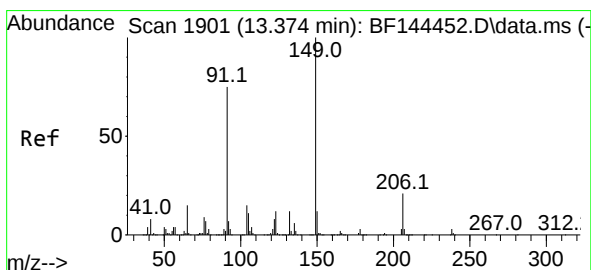
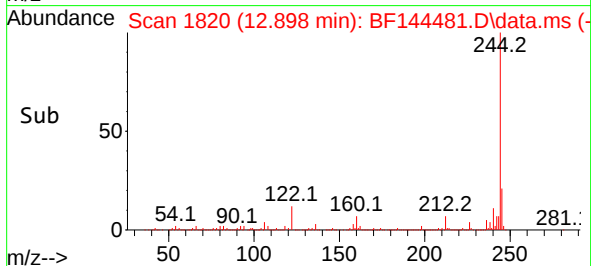
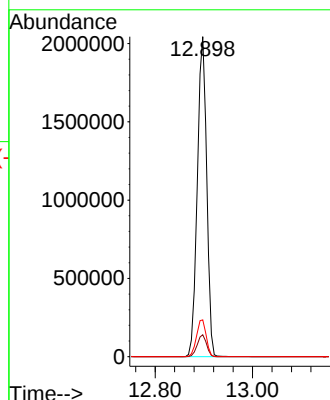
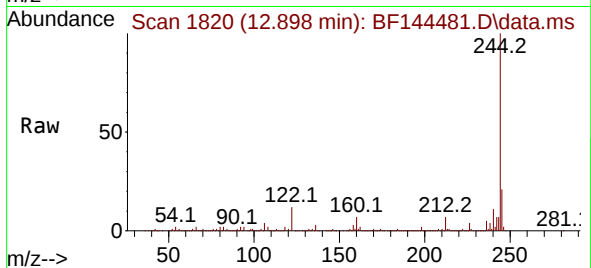
Tgt Ion:244 Resp: 2749255

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.5 9.9 14.9



#80

Butylbenzylphthalate

Concen: 8.978 ng

RT: 13.368 min Scan# 1900

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

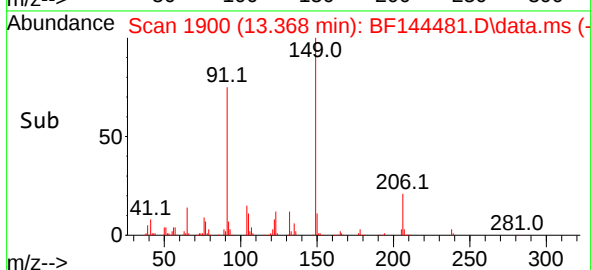
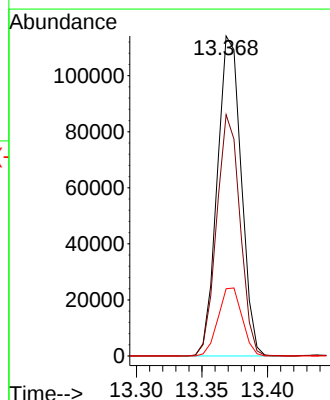
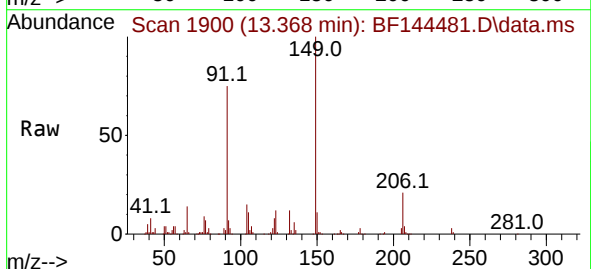
Tgt Ion:149 Resp: 144755

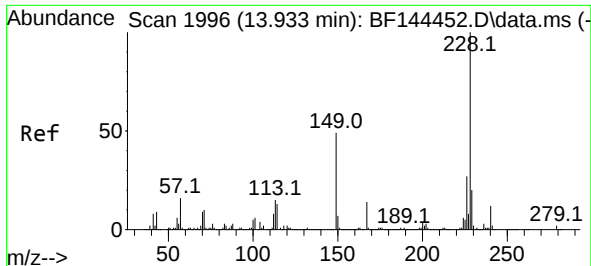
Ion Ratio Lower Upper

149 100

91 75.4 59.8 89.8

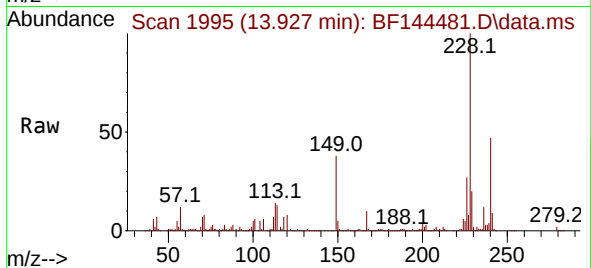
206 21.0 17.0 25.6



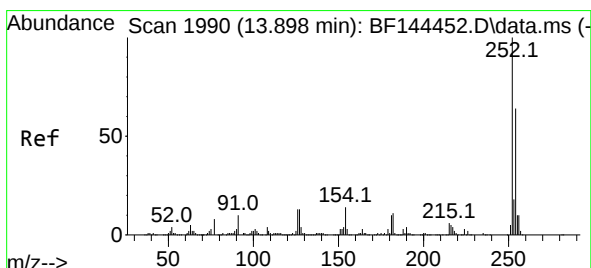
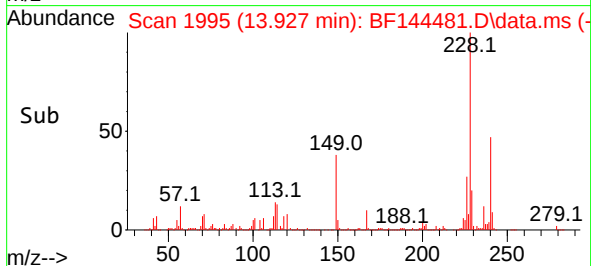
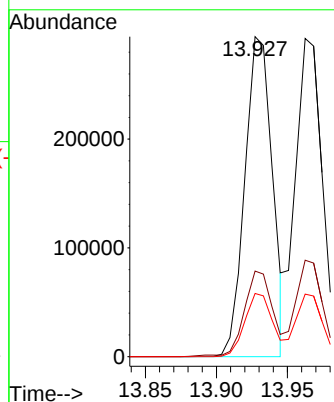


#81
Benzo(a)anthracene
Concen: 9.105 ng
RT: 13.927 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

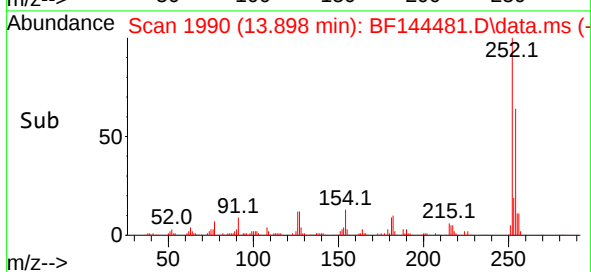
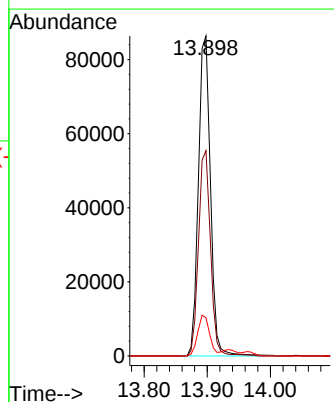
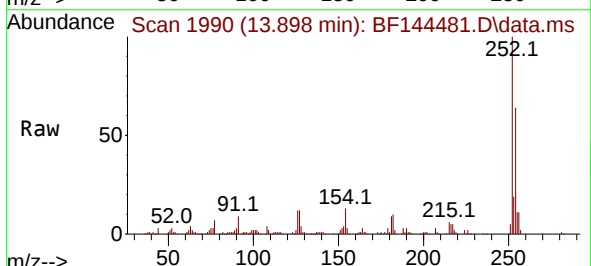


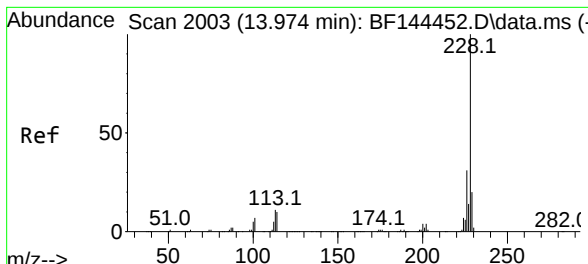
Tgt Ion:228 Resp: 396029
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 9.286 ng
RT: 13.898 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:252 Resp: 114449
Ion Ratio Lower Upper
252 100
254 64.2 51.1 76.7
126 11.9 10.4 15.6

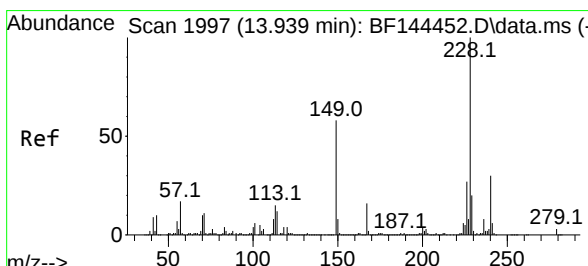
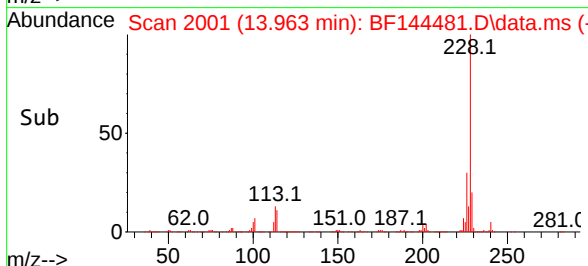
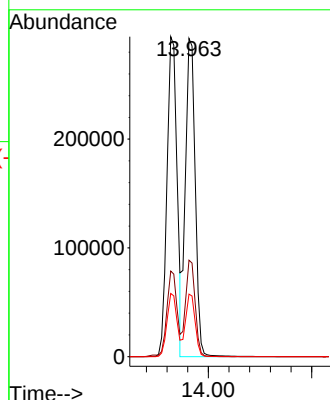
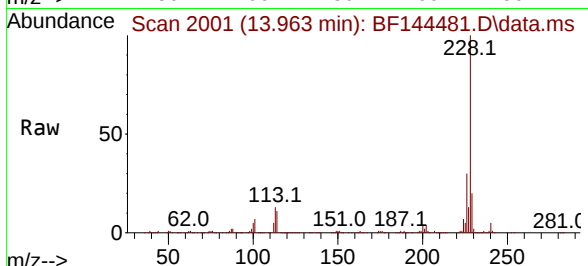




#83
Chrysene
Concen: 9.723 ng
RT: 13.963 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

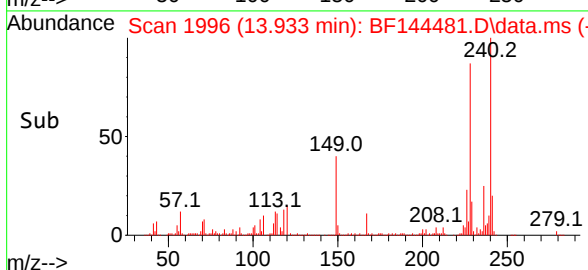
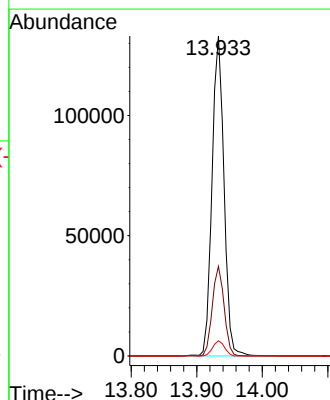
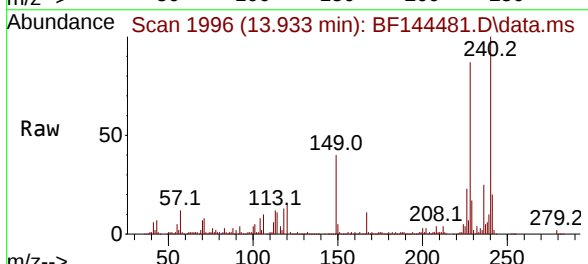
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2025

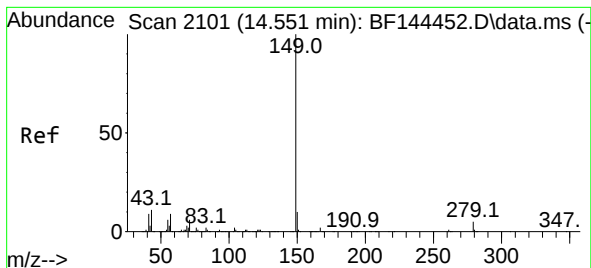
Tgt Ion:228 Resp: 387044
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 19.7 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.831 ng
RT: 13.933 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:149 Resp: 168748
Ion Ratio Lower Upper
149 100
167 28.0 22.6 34.0
279 4.8 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 6.731 ng

RT: 14.545 min Scan# 2101

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2025

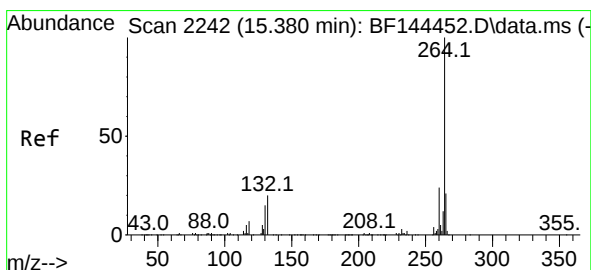
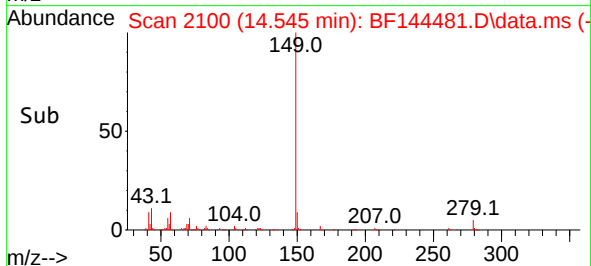
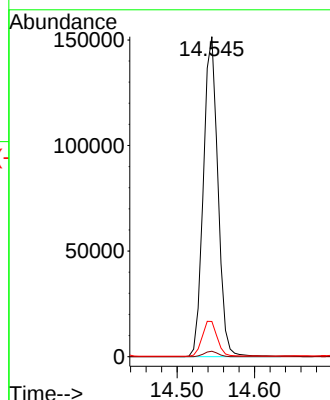
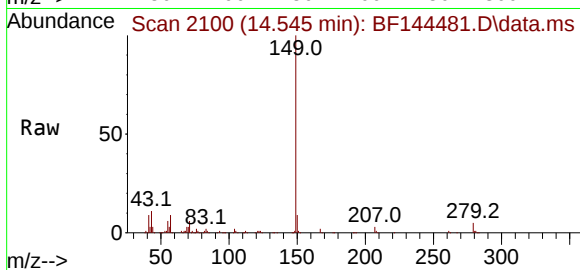
Tgt Ion:149 Resp: 197753

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.3 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.374 min Scan# 2241

Delta R.T. -0.006 min

Lab File: BF144481.D

Acq: 15 Dec 2025 18:35

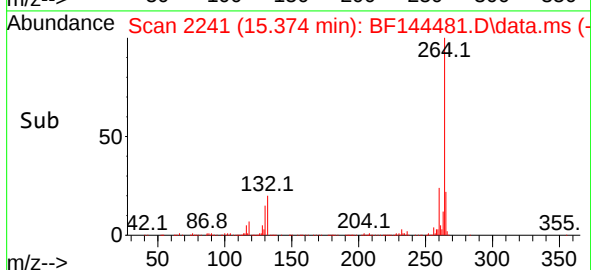
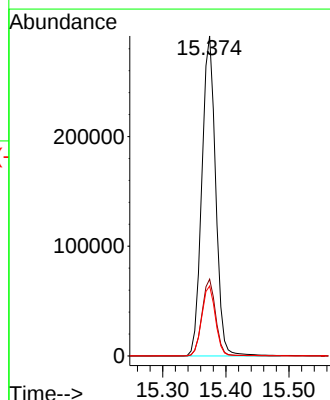
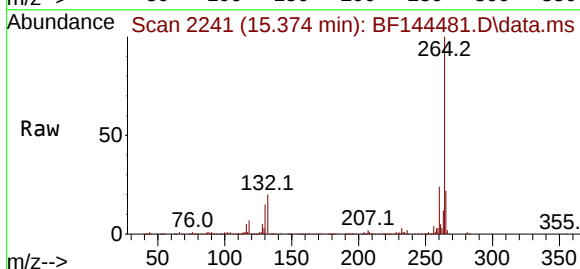
Tgt Ion:264 Resp: 442775

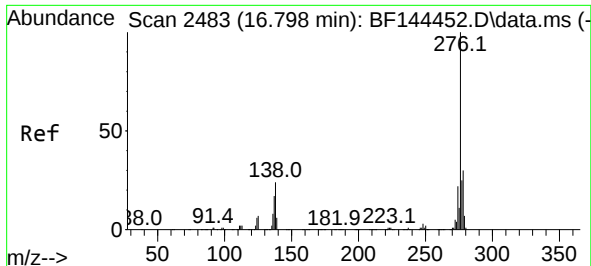
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.9 17.1 25.7

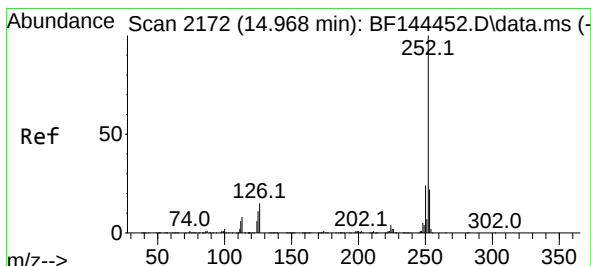
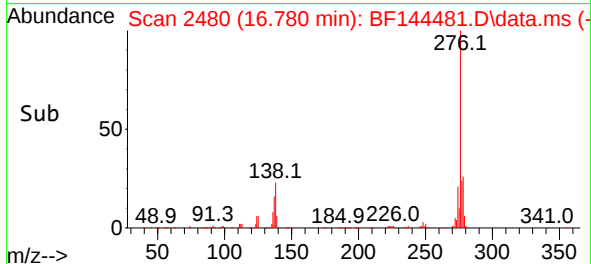
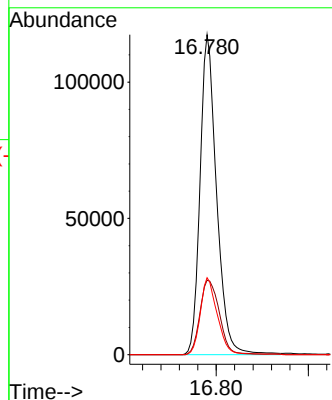
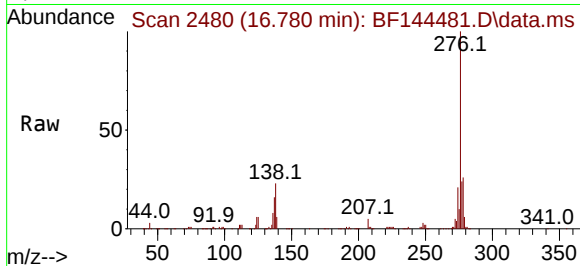




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.238 ng
 RT: 16.780 min Scan# 2483
 Delta R.T. -0.018 min
 Lab File: BF144481.D
 Acq: 15 Dec 2025 18:35

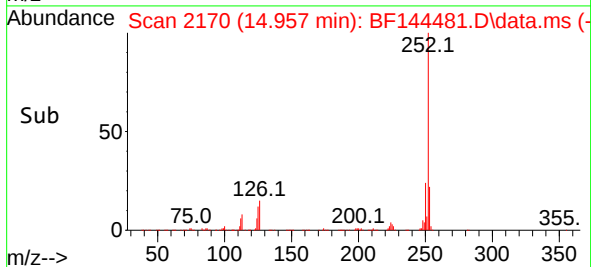
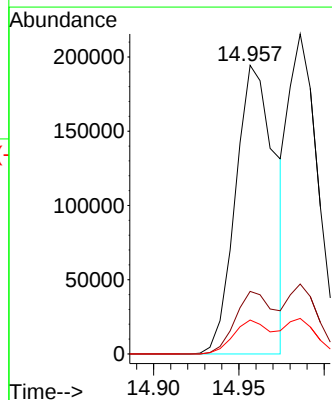
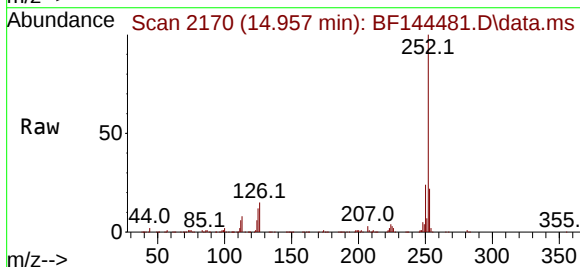
Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT4-2025

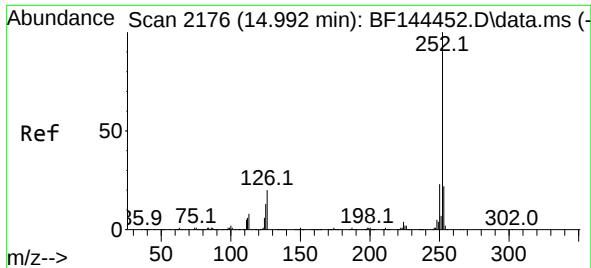
Tgt Ion:276 Resp: 293606
 Ion Ratio Lower Upper
 276 100
 138 27.3 21.9 32.9
 277 24.7 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 10.778 ng
 RT: 14.957 min Scan# 2170
 Delta R.T. -0.012 min
 Lab File: BF144481.D
 Acq: 15 Dec 2025 18:35

Tgt Ion:252 Resp: 313277
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.7 26.5
 125 11.7 9.0 13.4

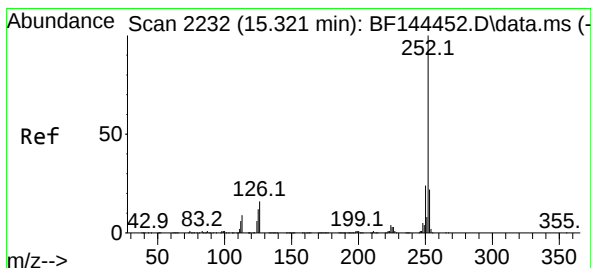
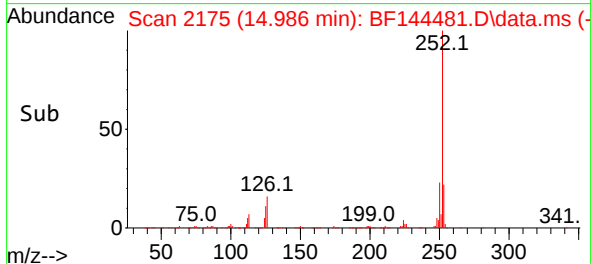
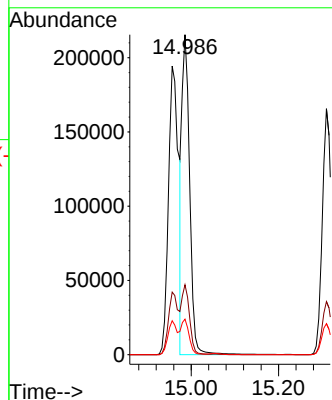
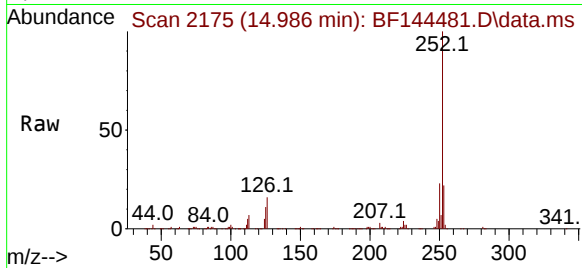




#89
Benzo(k)fluoranthene
Concen: 9.580 ng
RT: 14.986 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

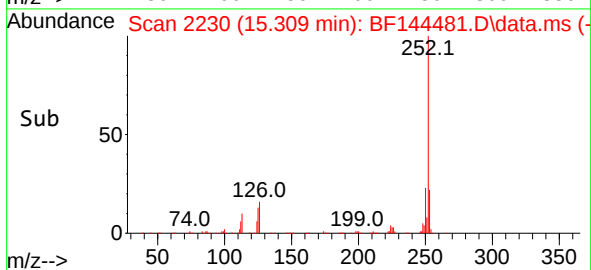
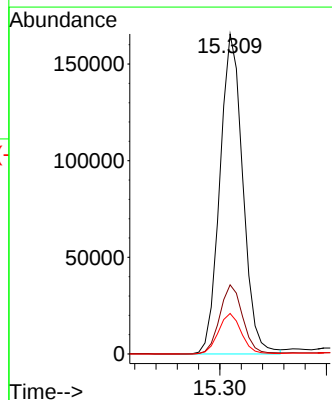
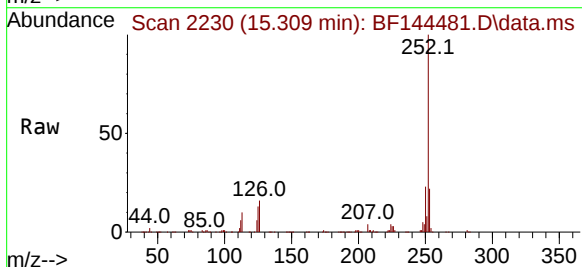
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2025

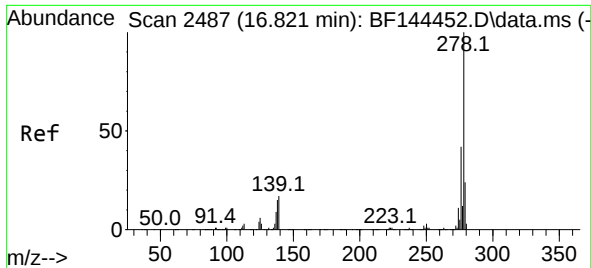
Tgt Ion:252 Resp: 263307
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 11.1 9.7 14.5



#90
Benzo(a)pyrene
Concen: 9.747 ng
RT: 15.309 min Scan# 2230
Delta R.T. -0.012 min
Lab File: BF144481.D
Acq: 15 Dec 2025 18:35

Tgt Ion:252 Resp: 247647
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 12.6 9.9 14.9

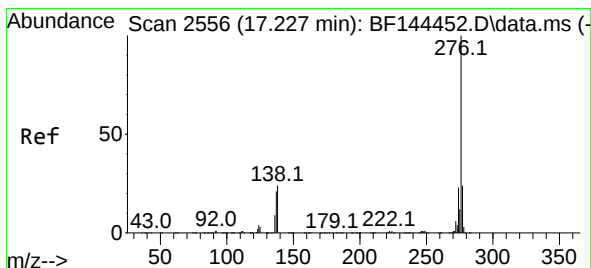
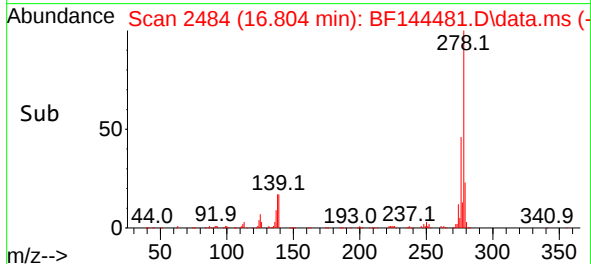
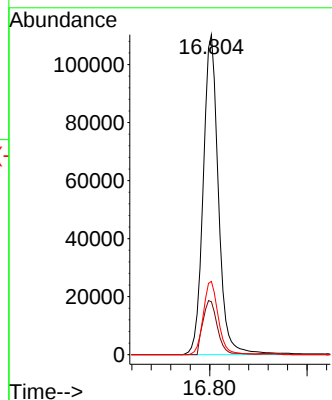
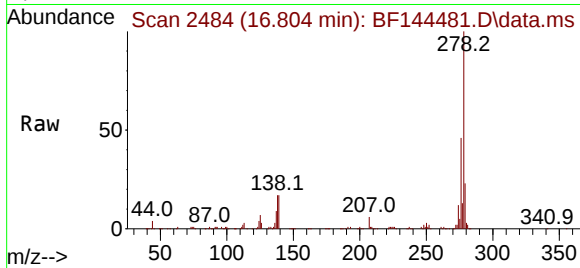




#91
 Dibenzo(a,h)anthracene
 Concen: 9.317 ng
 RT: 16.804 min Scan# 2484
 Delta R.T. -0.018 min
 Lab File: BF144481.D
 Acq: 15 Dec 2025 18:35

Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT4-2025

Tgt Ion:278 Resp: 239135
 Ion Ratio Lower Upper
 278 100
 139 16.6 13.6 20.4
 279 22.9 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 9.253 ng
 RT: 17.203 min Scan# 2552
 Delta R.T. -0.024 min
 Lab File: BF144481.D
 Acq: 15 Dec 2025 18:35

Tgt Ion:276 Resp: 241476
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.8 28.2
 138 24.0 19.4 29.2

