

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121625\
 Data File : BF144491.D
 Acq On : 16 Dec 2025 13:15
 Operator : RC/JU
 Sample : Q3530-09
 Misc : MDL-WATER-8ng
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2025

Quant Time: Dec 16 13:35:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	220497	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	775201	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	407203	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	680493	20.000	ng	0.00
76) Chrysene-d12	13.939	240	487549	20.000	ng	0.00
86) Perylene-d12	15.368	264	370430	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1842036	125.963	ng	0.00
7) Phenol-d6	6.416	99	2027241	111.140	ng	0.00
23) Nitrobenzene-d5	7.357	82	1232395	99.485	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	521607	141.683	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2182793	82.233	ng	0.00
79) Terphenyl-d14	12.892	244	2406349	77.923	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	62954	8.953	ng	97
3) Pyridine	3.269	79	135552	7.010	ng	98
4) n-Nitrosodimethylamine	3.152	42	62418	7.428	ng	99
6) Aniline	6.457	93	183652	7.218	ng	98
8) 2-Chlorophenol	6.575	128	126068	8.041	ng	89
9) Benzaldehyde	6.340	77	92793	6.498	ng	99
10) Phenol	6.428	94	158323	7.354	ng	# 68
11) bis(2-Chloroethyl)ether	6.528	93	113776	7.231	ng	98
12) 1,3-Dichlorobenzene	6.734	146	147415	8.702	ng	97
13) 1,4-Dichlorobenzene	6.810	146	145004	8.532	ng	100
14) 1,2-Dichlorobenzene	6.963	146	135883	8.419	ng	97
15) Benzyl Alcohol	6.928	79	95429	7.098	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	175254	6.600	ng	99
17) 2-Methylphenol	7.034	107	93334	7.062	ng	99
18) Hexachloroethane	7.310	117	48064	8.139	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	79108	6.866	ng	98
20) 3+4-Methylphenols	7.187	107	120432	7.416	ng	# 86
22) Acetophenone	7.198	105	163083	8.481	ng	95
24) Nitrobenzene	7.369	77	122861	9.142	ng	100
25) Isophorone	7.610	82	209598	7.497	ng	99
26) 2-Nitrophenol	7.687	139	45067	11.320	ng	99
27) 2,4-Dimethylphenol	7.722	122	81167	6.085	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	134751	7.822	ng	98
29) 2,4-Dichlorophenol	7.922	162	91279	8.235	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	104318	8.677	ng	98
31) Naphthalene	8.092	128	344345	8.253	ng	99
32) Benzoic acid	7.769	122	35096	10.445	ng	99
33) 4-Chloroaniline	8.140	127	134032	7.992	ng	99
34) Hexachlorobutadiene	8.216	225	60283	8.110	ng	99
35) Caprolactam	8.469	113	25566	6.985	ng	97
36) 4-Chloro-3-methylphenol	8.610	107	93699	7.787	ng	99
37) 2-Methylnaphthalene	8.787	142	201384	7.336	ng	99
38) 1-Methylnaphthalene	8.887	142	211134	7.899	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	102005	8.802	ng	99
41) Hexachlorocyclopentadiene	8.940	237	37152	5.417	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	60602	8.235	ng	99

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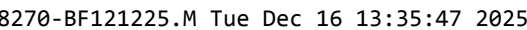
Instrument :
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 MDL-WATER-03-QT4-2025

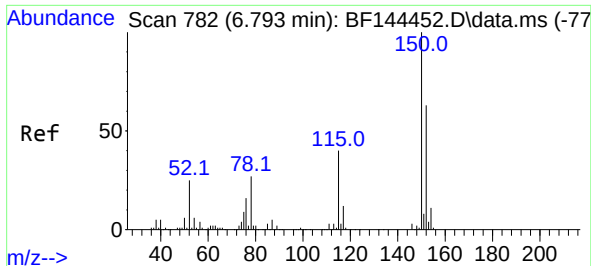
Quant Time: Dec 16 13:35:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	62396	8.078	ng	97
46) 1,1'-Biphenyl	9.251	154	275897	8.670	ng	98
47) 2-Chloronaphthalene	9.275	162	203105	8.361	ng	97
48) 2-Nitroaniline	9.363	65	50924	10.388	ng	99
49) Acenaphthylene	9.687	152	316281	8.217	ng	99
50) Dimethylphthalate	9.545	163	228064	8.292	ng	99
51) 2,6-Dinitrotoluene	9.604	165	44161	11.956	ng	99
52) Acenaphthene	9.857	154	202796	8.451	ng	100
53) 3-Nitroaniline	9.769	138	50262	10.647	ng	99
54) 2,4-Dinitrophenol	9.869	184	11823	12.353	ng	# 1
55) Dibenzofuran	10.028	168	288204	8.440	ng	97
56) 4-Nitrophenol	9.916	139	36409	7.773	ng	96
57) 2,4-Dinitrotoluene	10.004	165	52212	10.857	ng	97
58) Fluorene	10.369	166	224134	8.669	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.139	232	52725	8.992	ng	100
60) Diethylphthalate	10.245	149	212727	8.160	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	109449	8.628	ng	97
62) 4-Nitroaniline	10.375	138	46394	9.743	ng	99
63) Azobenzene	10.528	77	217464	7.893	ng	99
65) 4,6-Dinitro-2-methylph...	10.404	198	19750	12.636	ng	89
66) n-Nitrosodiphenylamine	10.481	169	196245	8.415	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	62590	7.879	ng	99
68) Hexachlorobenzene	10.916	284	68620	7.825	ng	99
69) Atrazine	11.004	200	59968	8.210	ng	99
70) Pentachlorophenol	11.104	266	37430	7.483	ng	97
71) Phenanthrene	11.328	178	328636	8.377	ng	99
72) Anthracene	11.381	178	319889	8.056	ng	98
73) Carbazole	11.533	167	291834	8.466	ng	98
74) Di-n-butylphthalate	11.875	149	300457	8.154	ng	99
75) Fluoranthene	12.516	202	324137	8.367	ng	99
77) Benzidine	12.639	184	88780	5.114	ng	97
78) Pyrene	12.745	202	334937	7.498	ng	99
80) Butylbenzylphthalate	13.369	149	87448	8.773	ng	99
81) Benzo(a)anthracene	13.927	228	259171	7.549	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	65429	6.725	ng	99
83) Chrysene	13.963	228	247544	7.878	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	107893	8.799	ng	100
85) Di-n-octyl phthalate	14.539	149	125207	10.589	ng	100
87) Indeno(1,2,3-cd)pyrene	16.780	276	218969	8.235	ng	99
88) Benzo(b)fluoranthene	14.957	252	190252	7.823	ng	99
89) Benzo(k)fluoranthene	14.986	252	192040	8.352	ng	98
90) Benzo(a)pyrene	15.310	252	170537	8.023	ng	99
91) Dibenzo(a,h)anthracene	16.798	278	177229	8.254	ng	99
92) Benzo(g,h,i)perylene	17.204	276	181713	8.323	ng	98

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

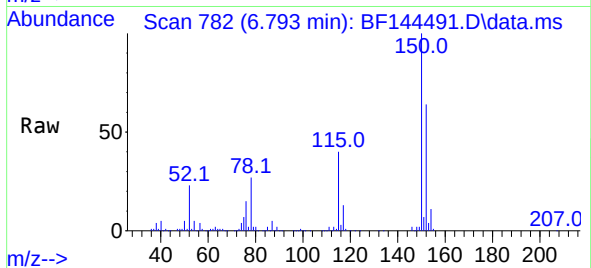
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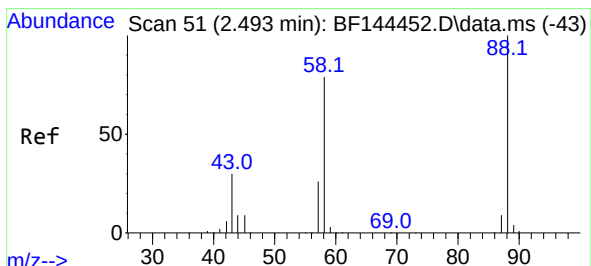
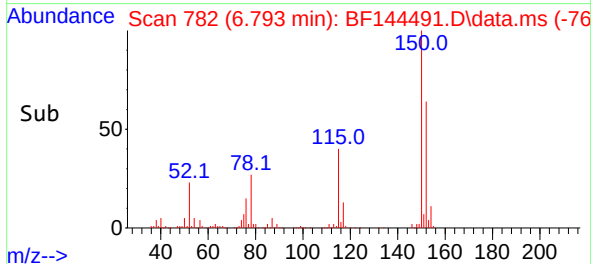
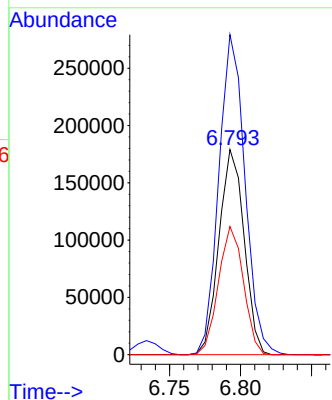


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

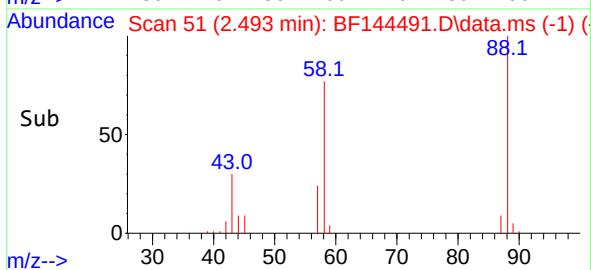
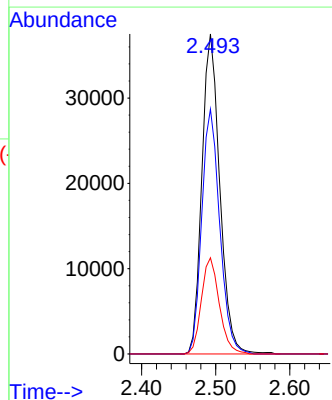
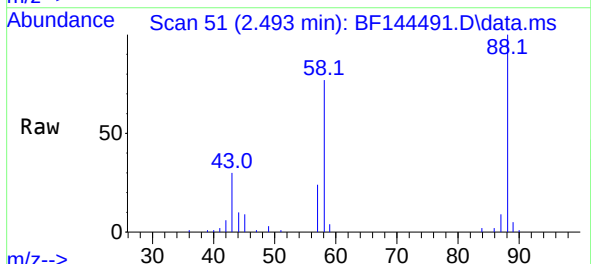


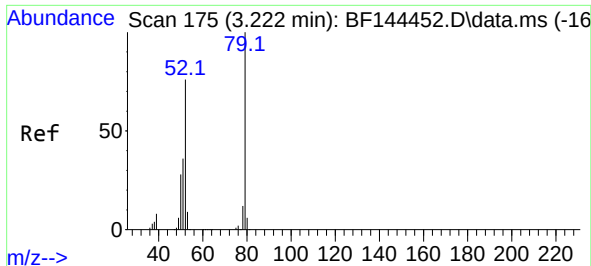
Tgt Ion:152 Resp: 220497
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.2
115 62.5 51.4 77.0



#2
1,4-Dioxane
Concen: 8.953 ng
RT: 2.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion: 88 Resp: 62954
Ion Ratio Lower Upper
88 100
58 76.8 63.9 95.9
43 30.1 24.2 36.4

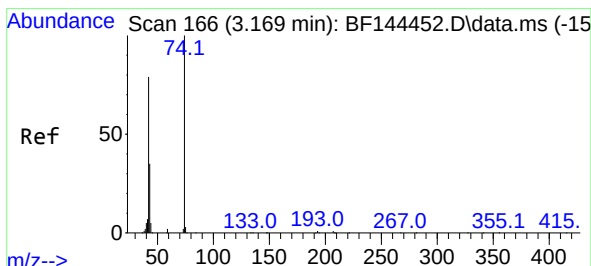
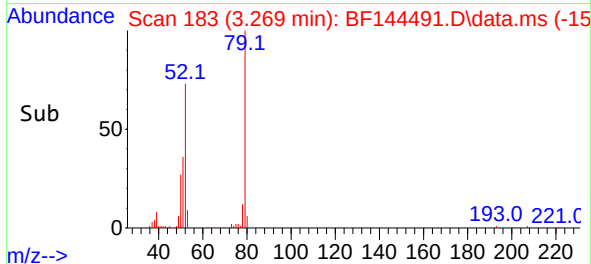
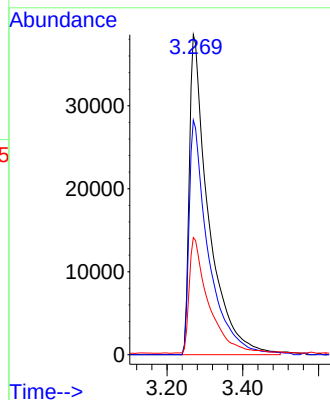
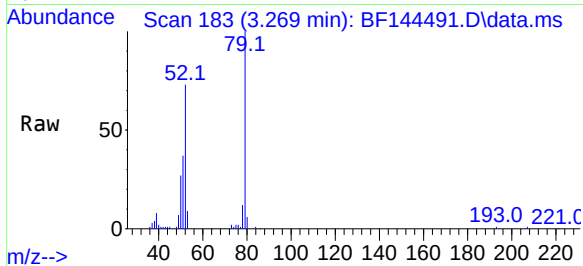




#3
Pyridine
Concen: 7.010 ng
RT: 3.269 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

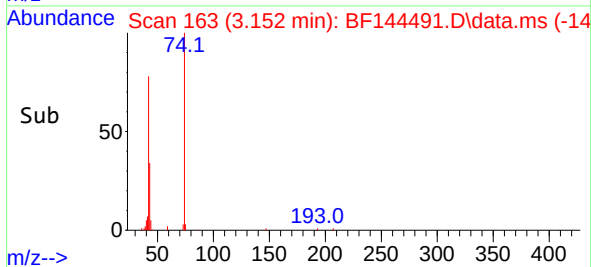
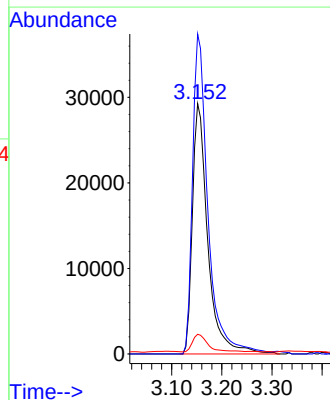
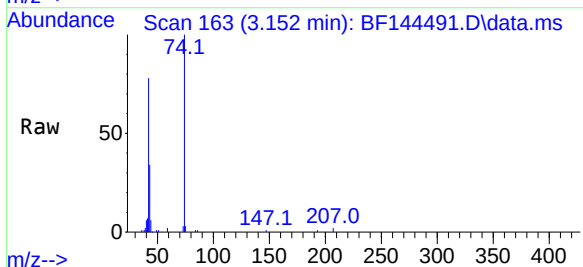
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

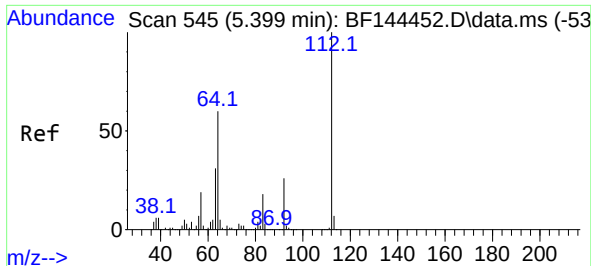
Tgt Ion: 79 Resp: 135552
Ion Ratio Lower Upper
79 100
52 73.3 60.5 90.7
51 36.6 29.0 43.6



#4
n-Nitrosodimethylamine
Concen: 7.428 ng
RT: 3.152 min Scan# 163
Delta R.T. -0.018 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion: 42 Resp: 62418
Ion Ratio Lower Upper
42 100
74 127.8 101.8 152.8
44 7.9 5.7 8.5

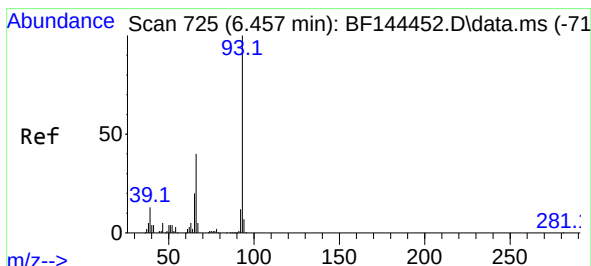
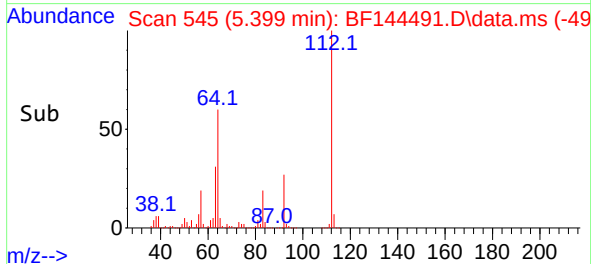
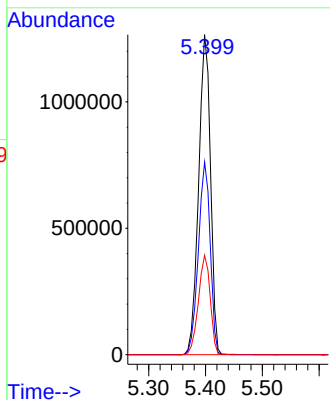
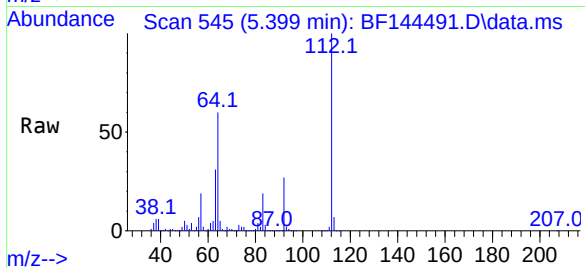




#5
2-Fluorophenol
Concen: 125.963 ng
RT: 5.399 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

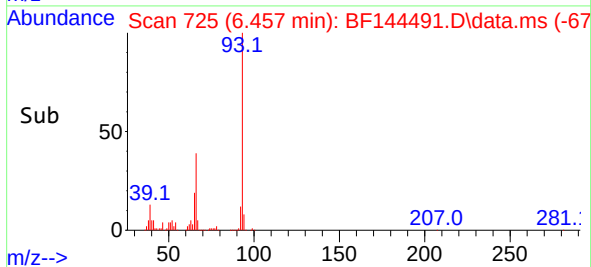
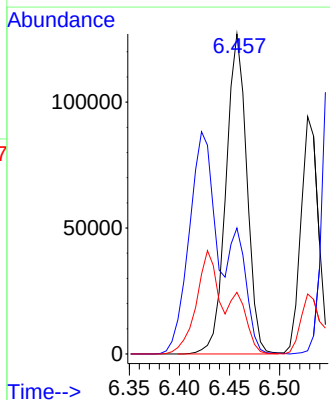
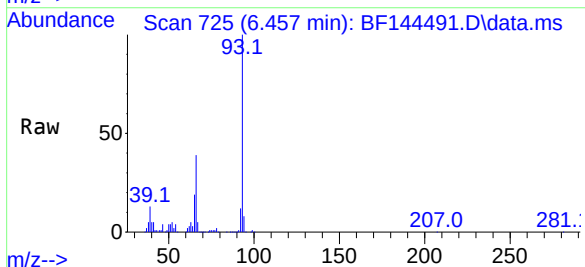
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

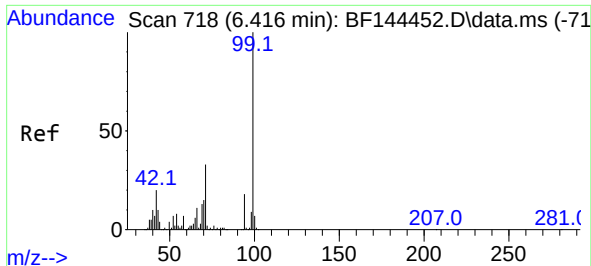
Tgt Ion:112 Resp: 1842036
Ion Ratio Lower Upper
112 100
64 60.2 47.8 71.6
63 31.1 24.6 37.0



#6
Aniline
Concen: 7.218 ng
RT: 6.457 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion: 93 Resp: 183652
Ion Ratio Lower Upper
93 100
66 39.3 32.4 48.6
65 19.2 16.1 24.1



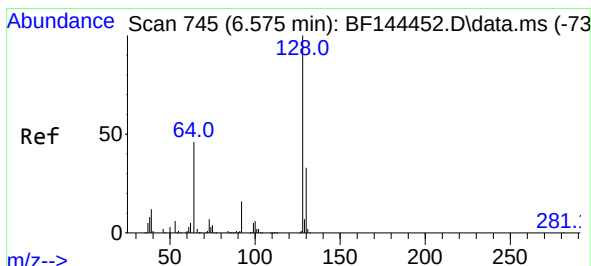
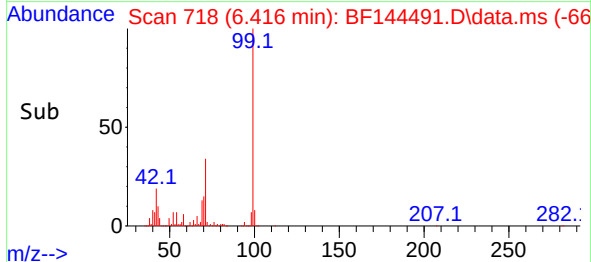
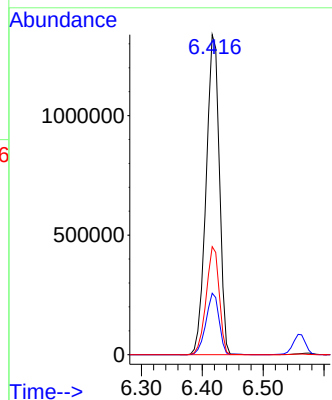
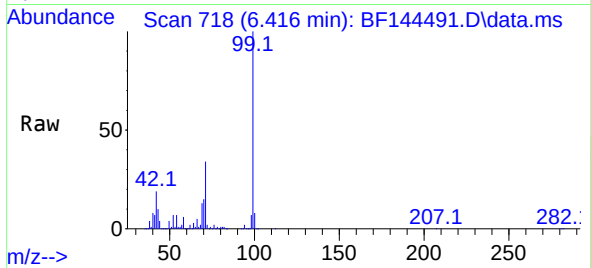


#7
Phenol-d6
Concen: 111.140 ng
RT: 6.416 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion: 99 Resp: 2027241

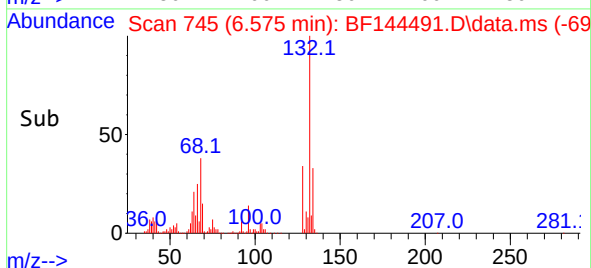
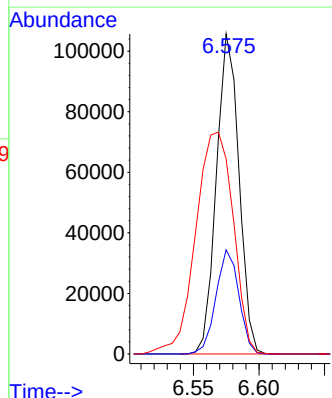
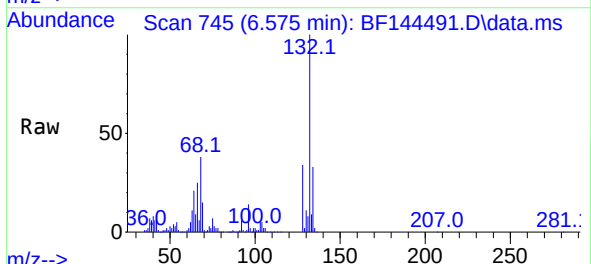
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.7	23.5
71	33.8	26.4	39.6

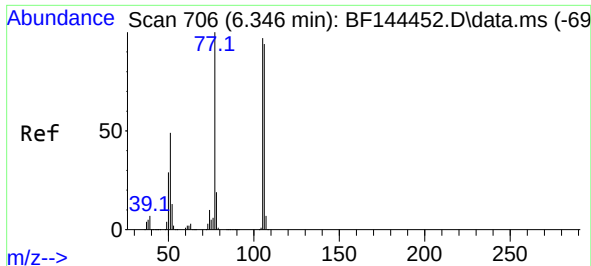


#8
2-Chlorophenol
Concen: 8.041 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:128 Resp: 126068

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	60.9	28.9	68.9

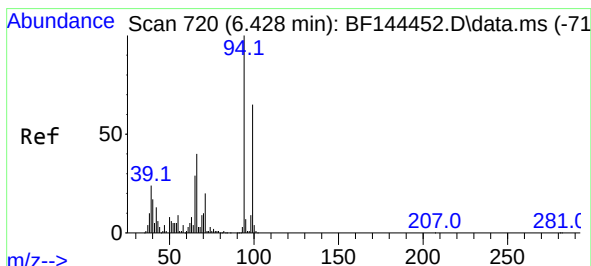
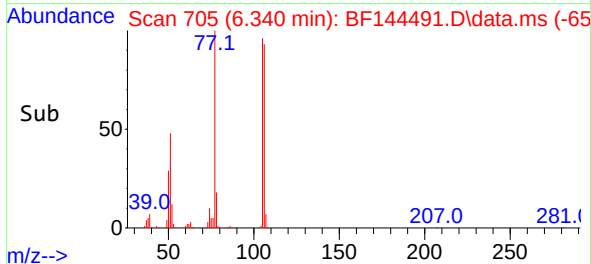
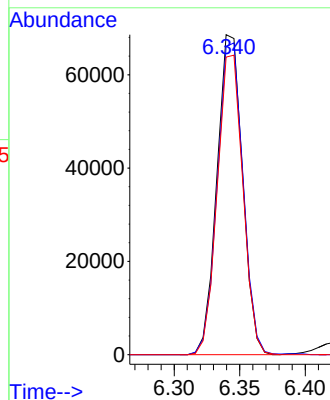
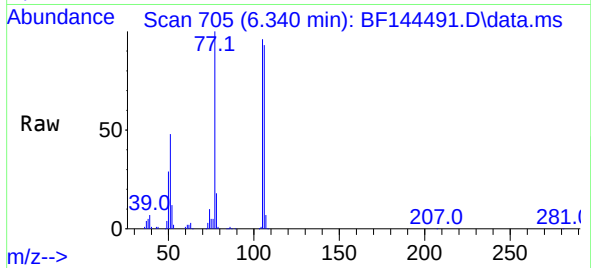




#9
Benzaldehyde
Concen: 6.498 ng
RT: 6.340 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

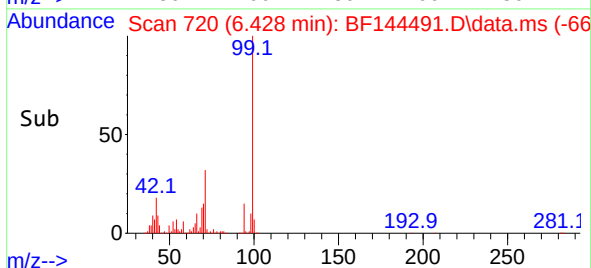
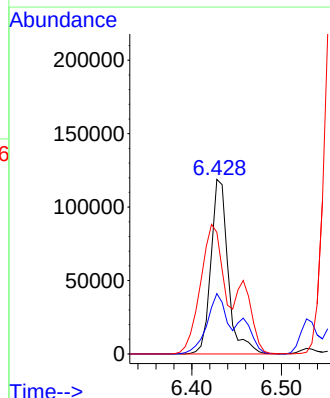
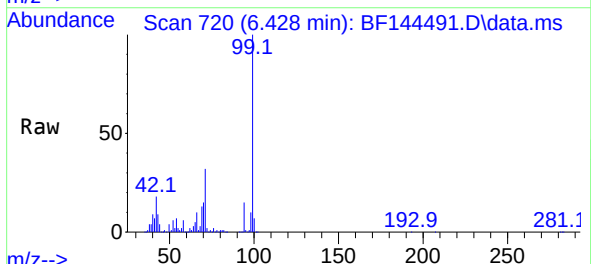
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2025

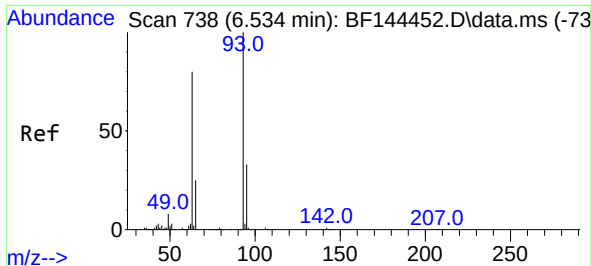
Tgt Ion: 77 Resp: 92793
Ion Ratio Lower Upper
77 100
105 96.3 77.0 117.0
106 93.0 74.1 114.1



#10
Phenol
Concen: 7.354 ng
RT: 6.428 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion: 94 Resp: 158323
Ion Ratio Lower Upper
94 100
65 34.6 9.1 49.1
66 69.7 20.3 60.3

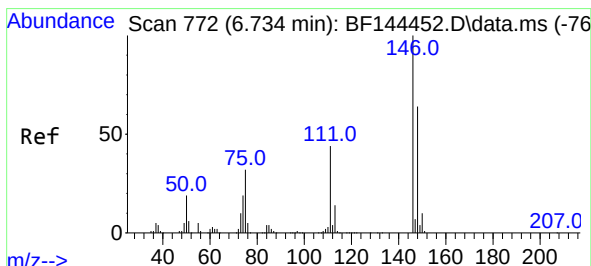
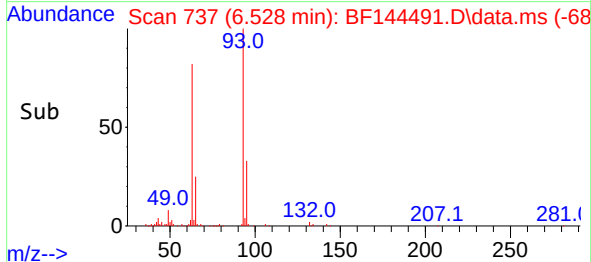
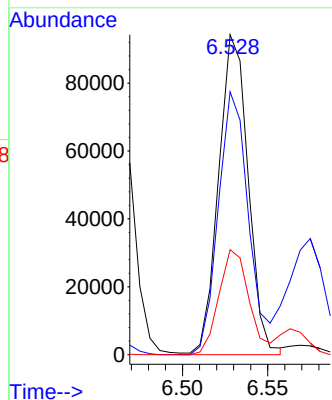
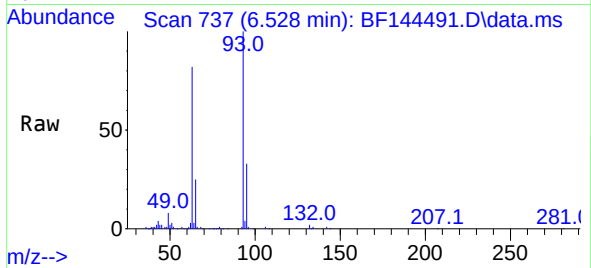




#11
bis(2-Chloroethyl)ether
Concen: 7.231 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

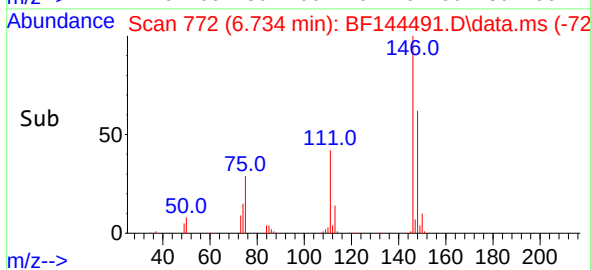
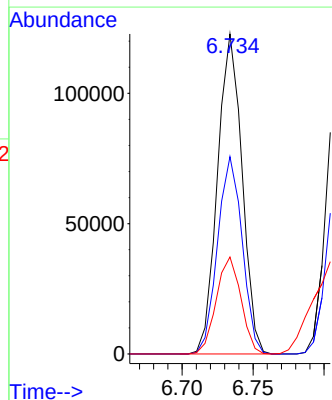
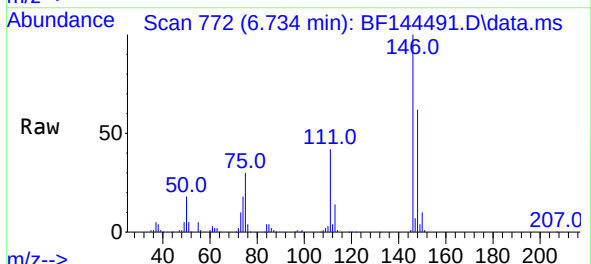
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

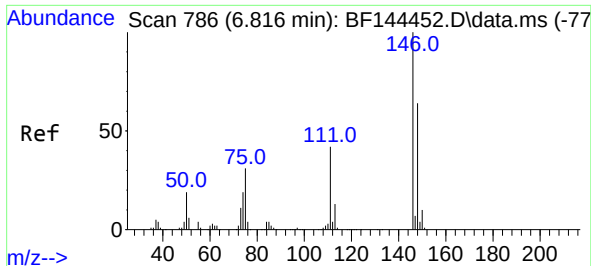
Tgt Ion: 93 Resp: 113776
Ion Ratio Lower Upper
93 100
63 82.1 59.8 99.8
95 32.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 8.702 ng
RT: 6.734 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:146 Resp: 147415
Ion Ratio Lower Upper
146 100
148 61.6 51.0 76.6
75 30.3 25.8 38.8

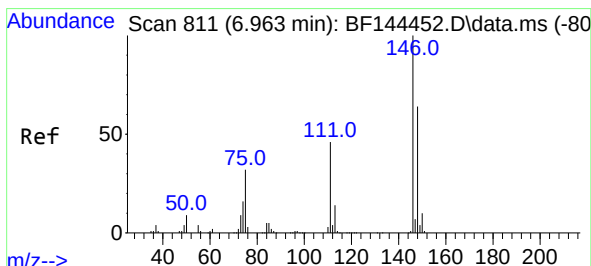
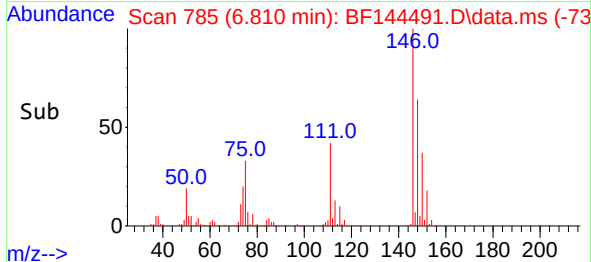
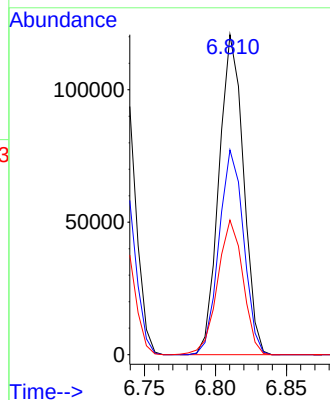
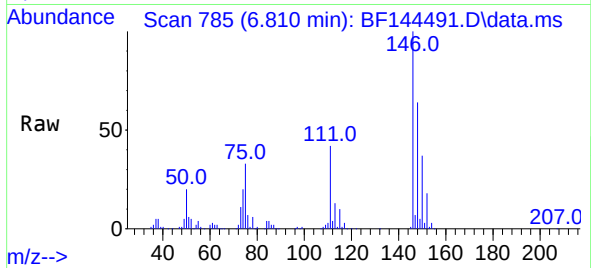




#13
1,4-Dichlorobenzene
Concen: 8.532 ng
RT: 6.810 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

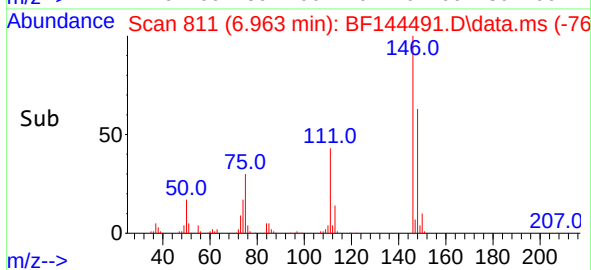
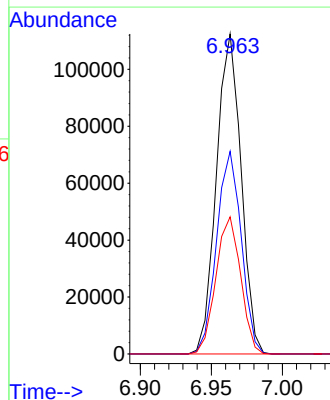
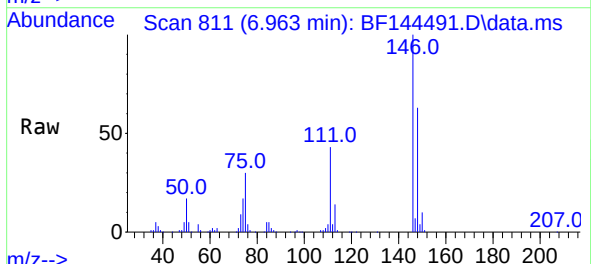
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

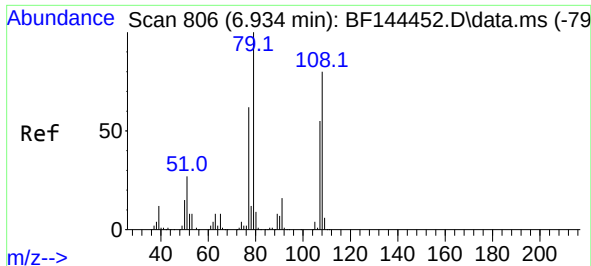
Tgt Ion:146 Resp: 145004
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
111 42.0 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 8.419 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:146 Resp: 135883
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 42.8 36.5 54.7

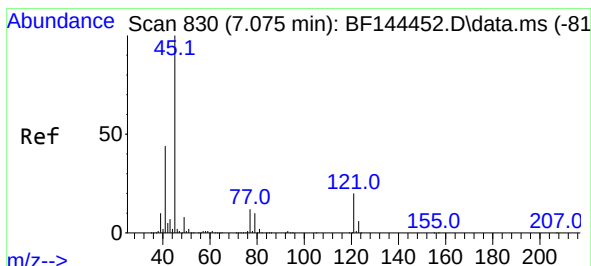
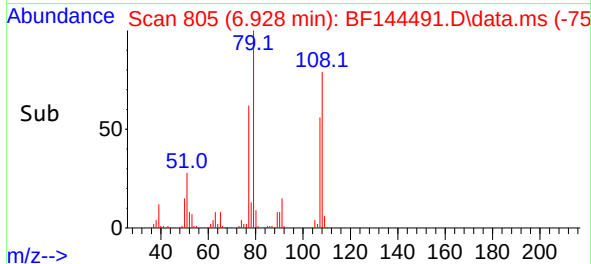
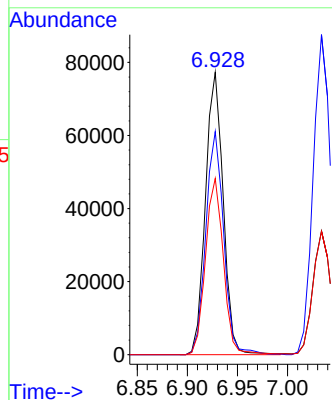
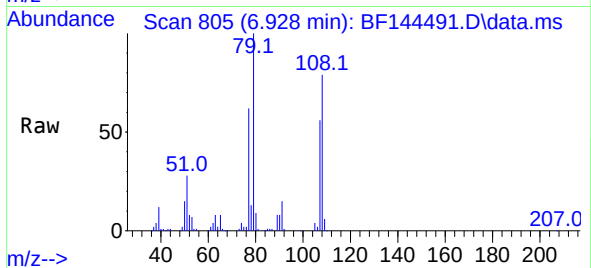




#15
Benzyl Alcohol
Concen: 7.098 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

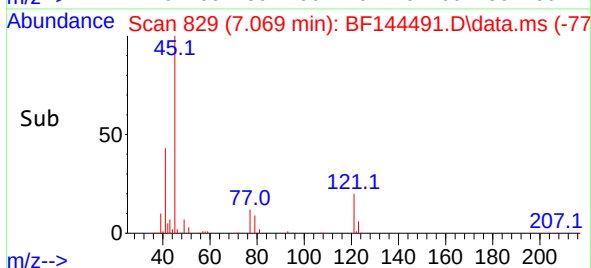
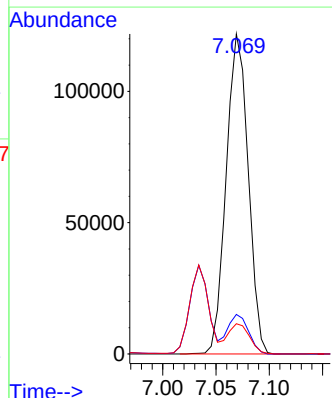
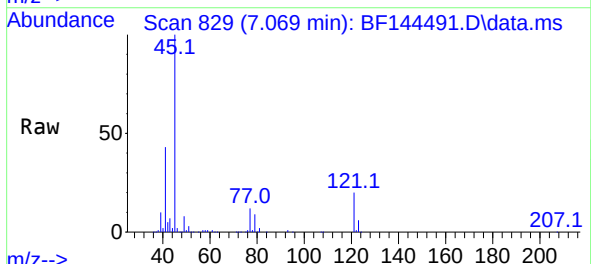
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

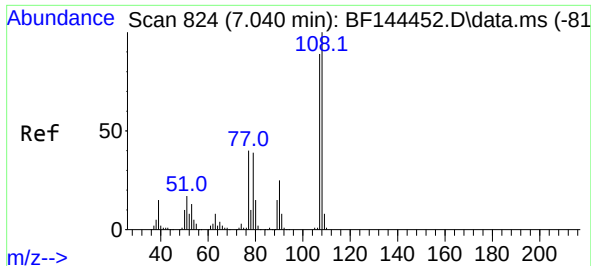
Tgt Ion: 79 Resp: 95429
Ion Ratio Lower Upper
79 100
108 79.0 63.7 95.5
77 62.4 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.600 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion: 45 Resp: 175254
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.6
79 9.4 0.0 29.9



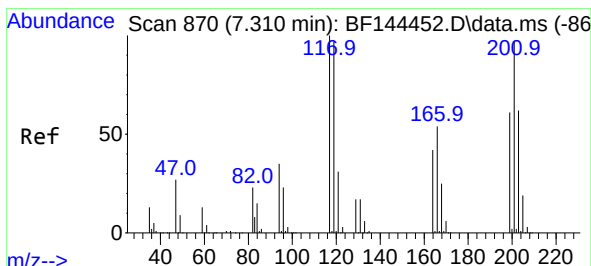
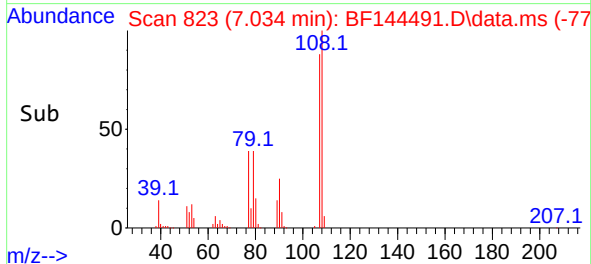
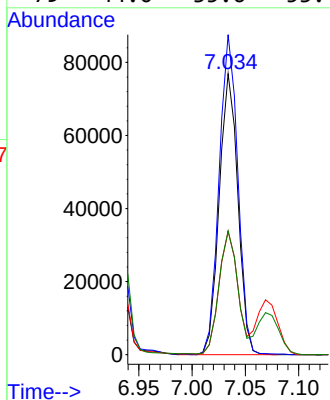
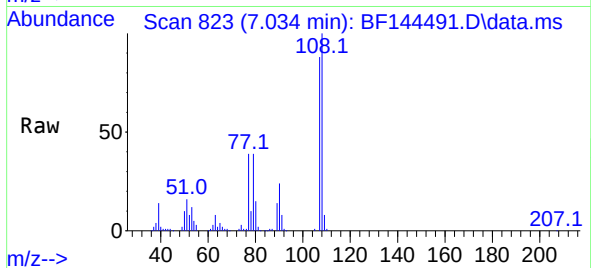


#17
2-Methylphenol
Concen: 7.062 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion:107 Resp: 93334

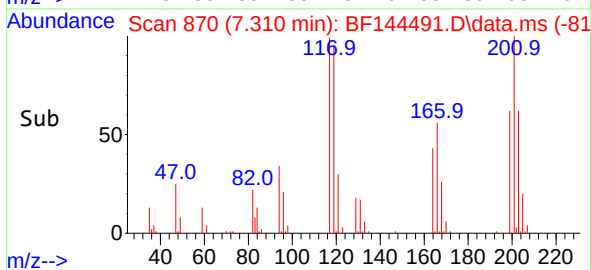
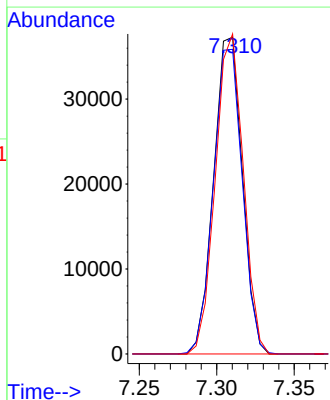
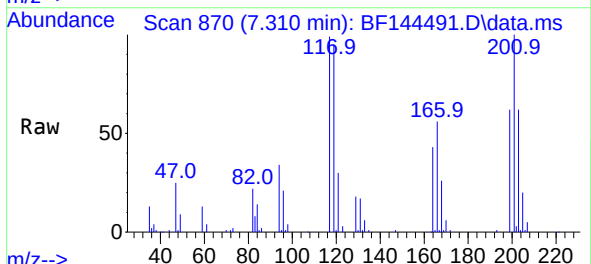
Ion	Ratio	Lower	Upper
107	100		
108	113.9	89.9	134.9
77	43.9	35.7	53.5
79	44.0	35.6	53.4

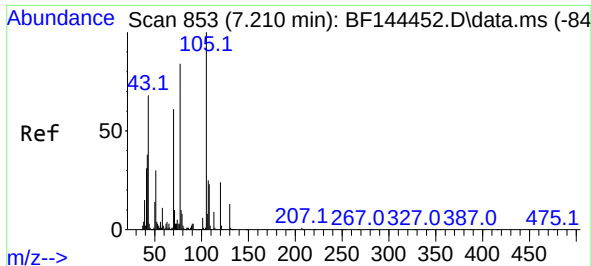


#18
Hexachloroethane
Concen: 8.139 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:117 Resp: 48064

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.5	116.3
201	101.0	77.3	115.9

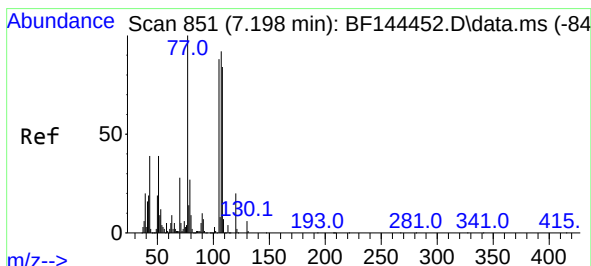
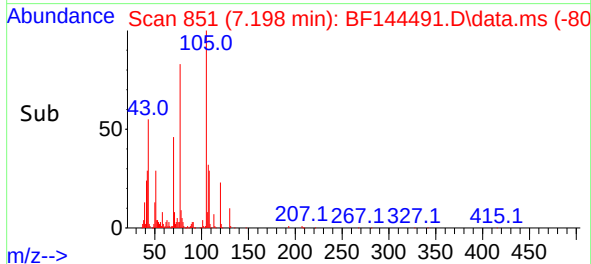
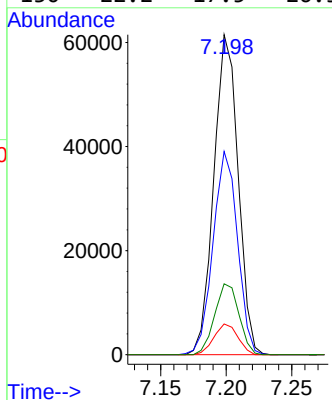
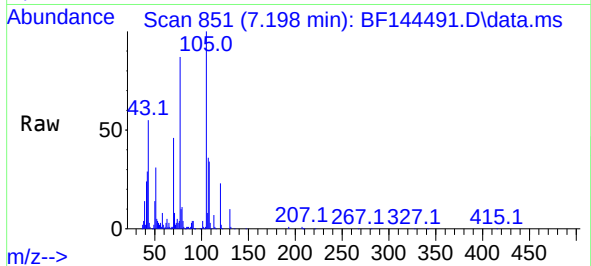




#19
n-Nitroso-di-n-propylamine
Concen: 6.866 ng
RT: 7.198 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

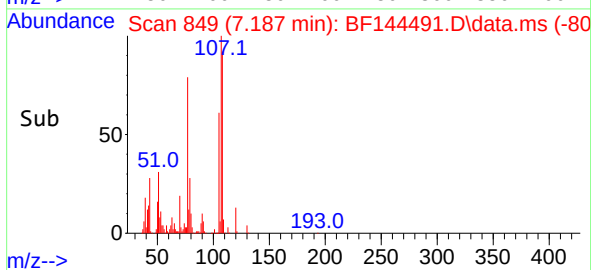
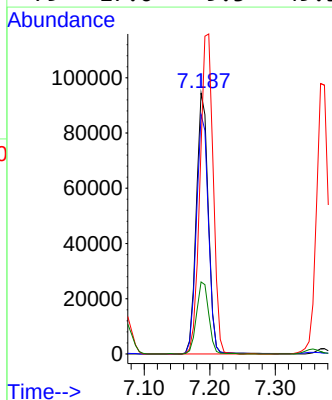
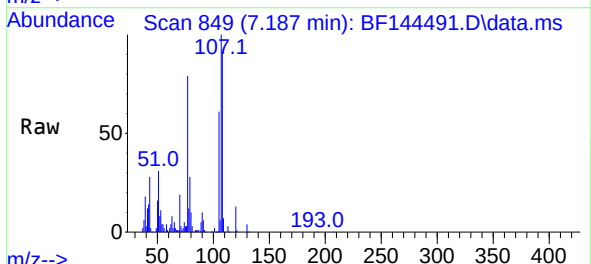
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

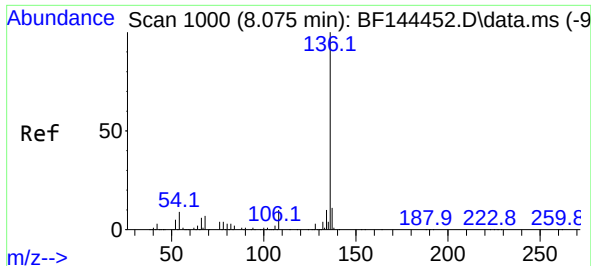
Tgt Ion:	70	Resp:	79108
Ion	Ratio	Lower	Upper
70	100		
42	63.5	49.4	74.0
101	9.6	7.8	11.6
130	22.2	17.5	26.3



#20
3+4-Methylphenols
Concen: 7.416 ng
RT: 7.187 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:	107	Resp:	120432
Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.5	111.5
77	79.5	88.5	128.5#
79	27.6	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: BF144491.D

Acq: 16 Dec 2025 13:15

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2025

Tgt Ion:136 Resp: 775201

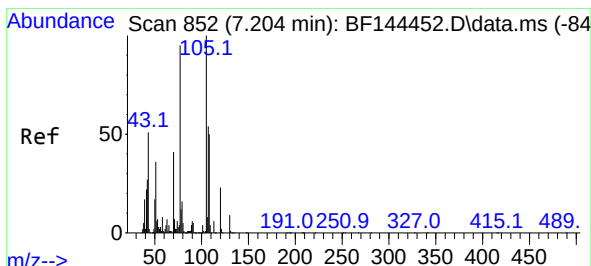
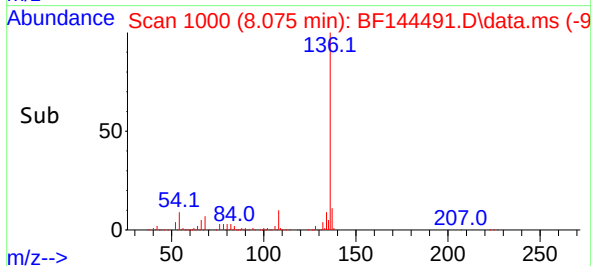
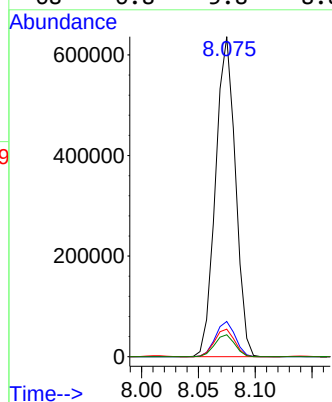
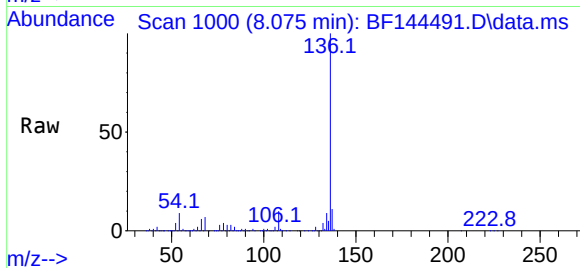
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.6 7.5 11.3

68 6.8 5.8 8.8



#22

Acetophenone

Concen: 8.481 ng

RT: 7.198 min Scan# 851

Delta R.T. -0.006 min

Lab File: BF144491.D

Acq: 16 Dec 2025 13:15

Tgt Ion:105 Resp: 163083

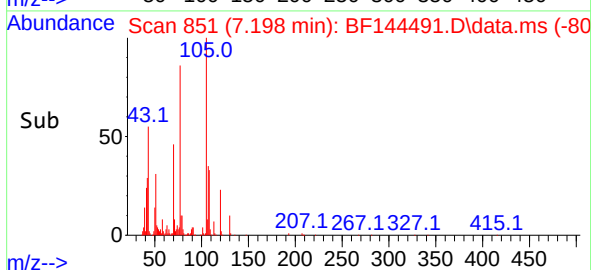
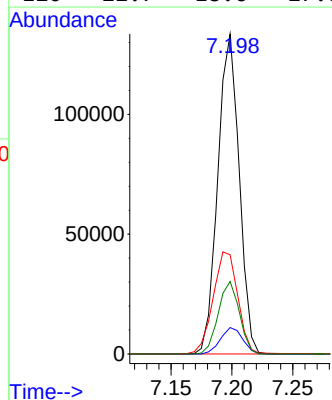
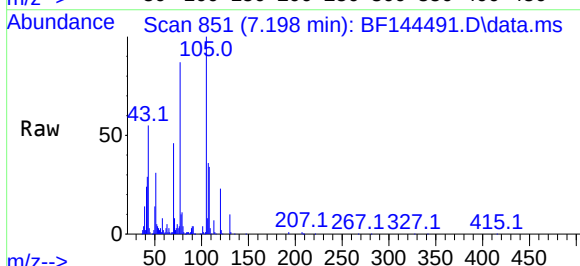
Ion Ratio Lower Upper

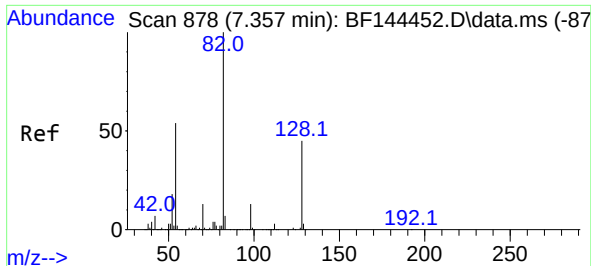
105 100

71 8.3 5.6 8.4

51 31.0 28.6 42.8

120 22.7 18.6 27.8

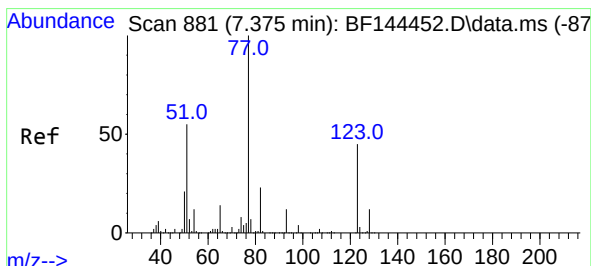
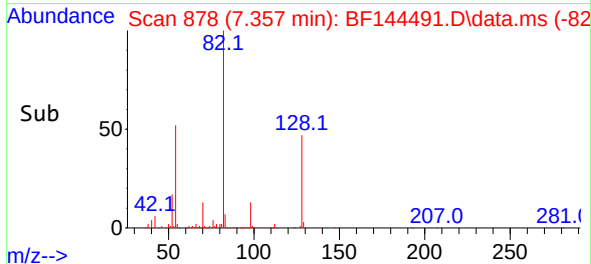
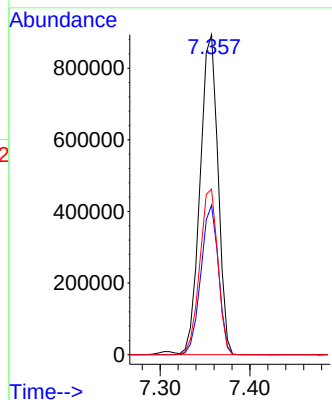
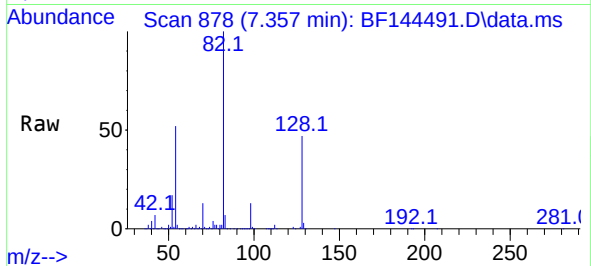




#23
Nitrobenzene-d5
Concen: 99.485 ng
RT: 7.357 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

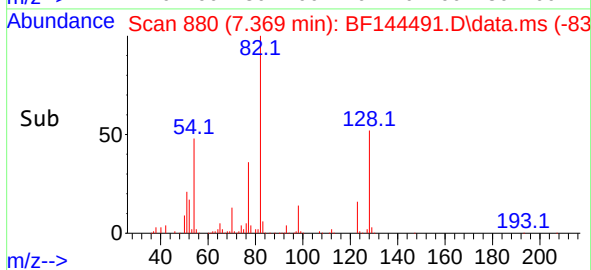
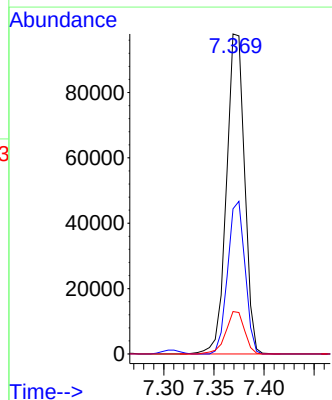
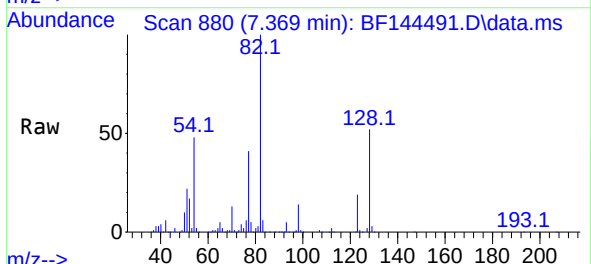
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

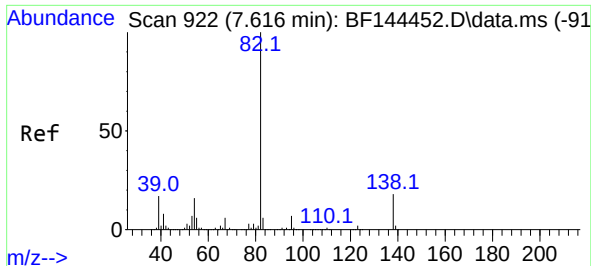
Tgt Ion: 82 Resp: 1232395
Ion Ratio Lower Upper
82 100
128 46.7 35.5 53.3
54 51.7 43.3 64.9



#24
Nitrobenzene
Concen: 9.142 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion: 77 Resp: 122861
Ion Ratio Lower Upper
77 100
123 45.3 36.2 54.2
65 13.3 11.0 16.6

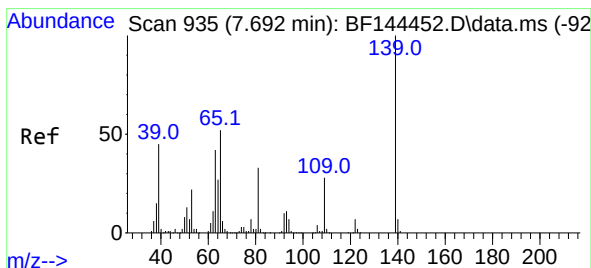
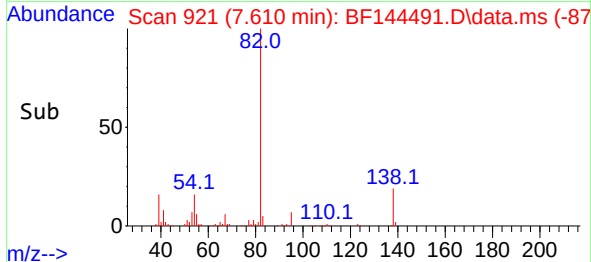
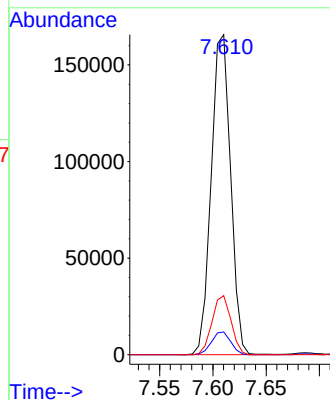
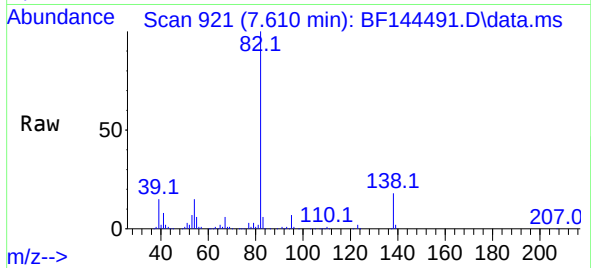




#25
Isophorone
Concen: 7.497 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

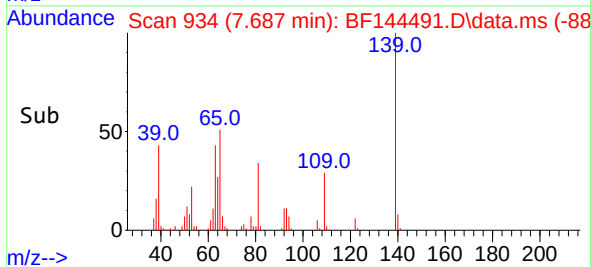
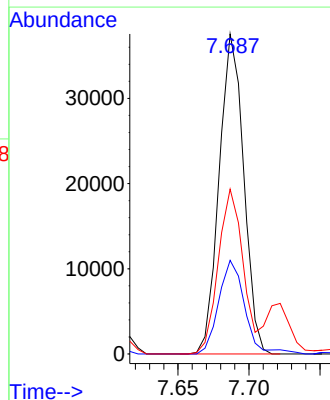
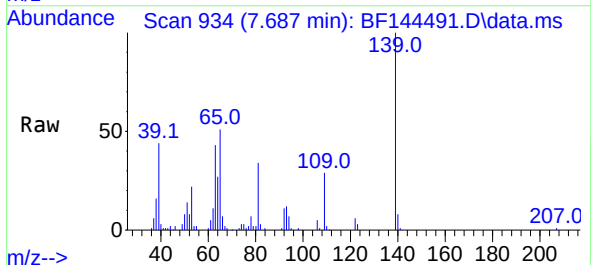
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

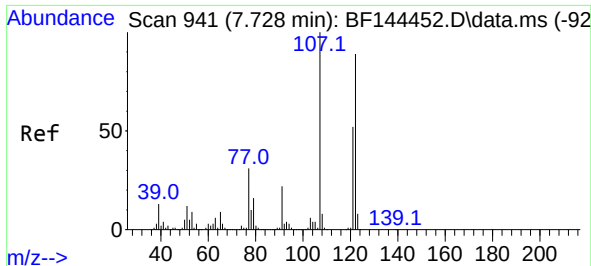
Tgt Ion: 82 Resp: 209598
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 18.5 14.4 21.6



#26
2-Nitrophenol
Concen: 11.320 ng
RT: 7.687 min Scan# 934
Delta R.T. -0.005 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:139 Resp: 45067
Ion Ratio Lower Upper
139 100
109 29.2 22.1 33.1
65 51.5 41.5 62.3





#27

2,4-Dimethylphenol

Concen: 6.085 ng

RT: 7.722 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF144491.D

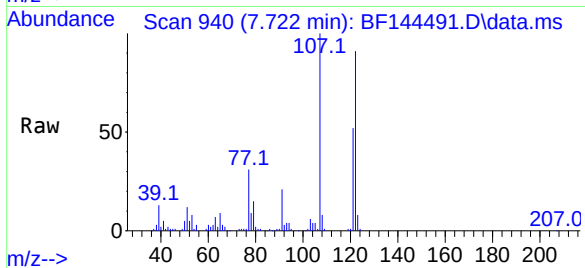
Acq: 16 Dec 2025 13:15

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2025



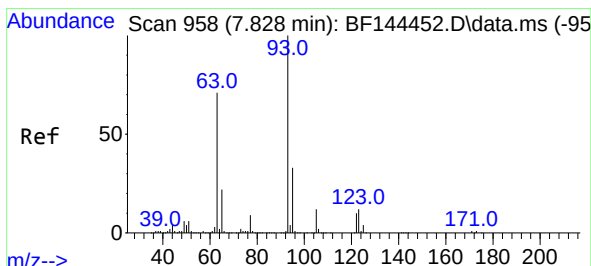
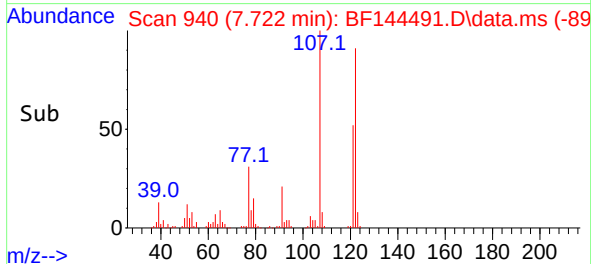
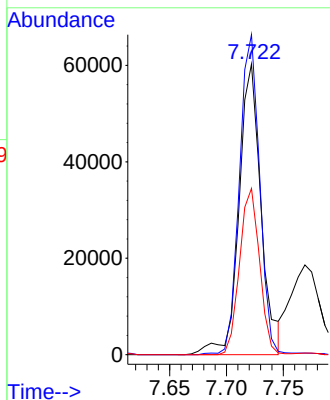
Tgt Ion:122 Resp: 81167

Ion Ratio Lower Upper

122 100

107 110.1 90.0 135.0

121 57.2 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 7.822 ng

RT: 7.822 min Scan# 957

Delta R.T. -0.006 min

Lab File: BF144491.D

Acq: 16 Dec 2025 13:15

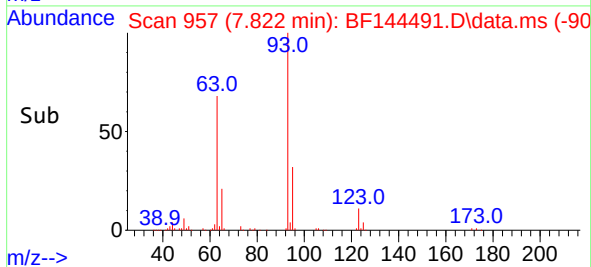
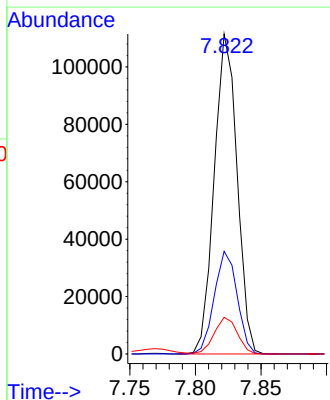
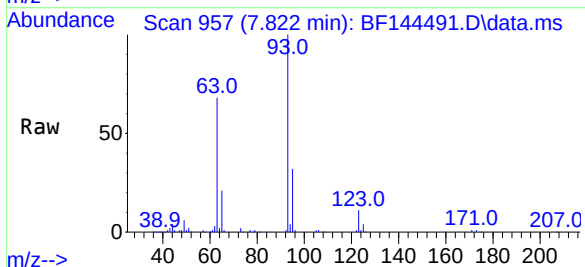
Tgt Ion: 93 Resp: 134751

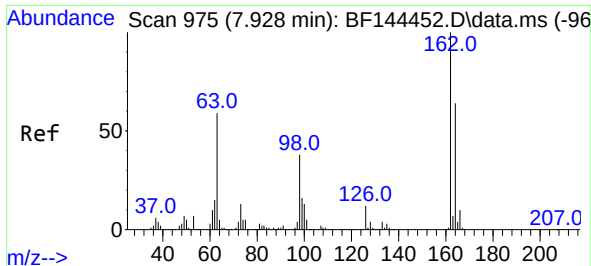
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 11.4 10.2 15.4

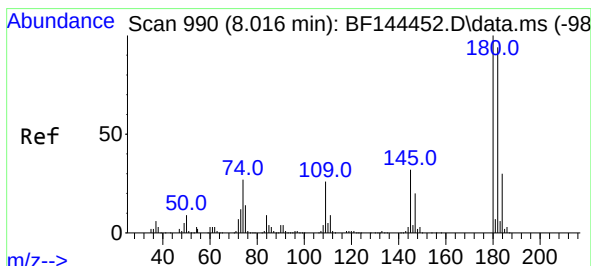
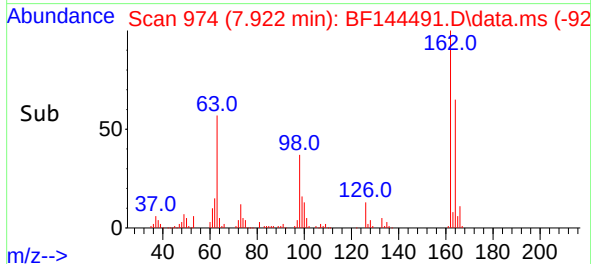
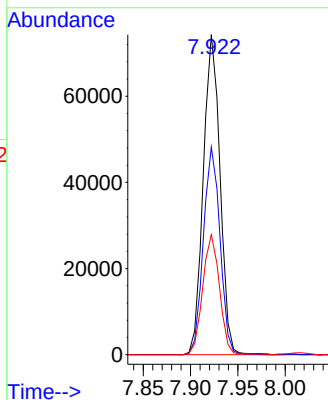
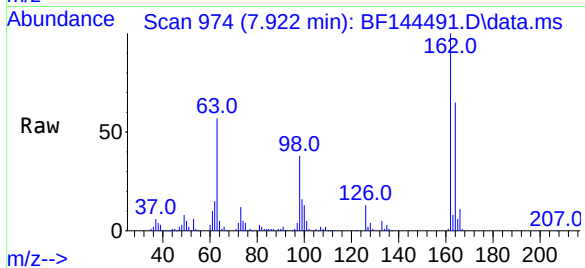




#29
2,4-Dichlorophenol
Concen: 8.235 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

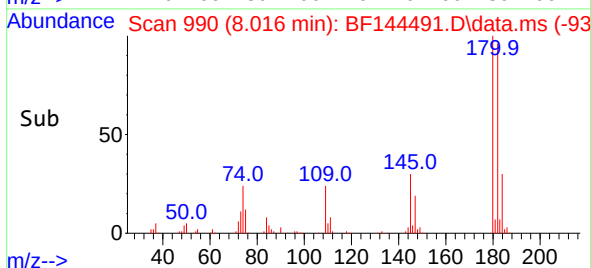
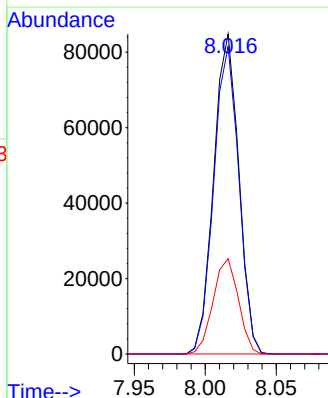
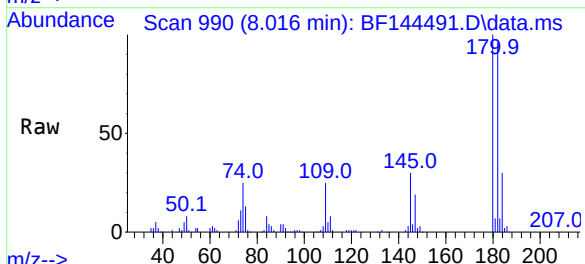
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

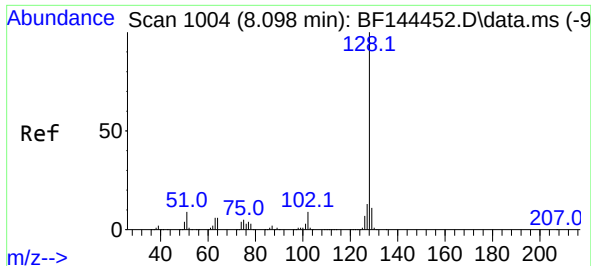
Tgt Ion:162	Resp:	91279
Ion Ratio	Lower	Upper
162	100	
164	64.9	44.2 84.2
98	37.5	17.8 57.8



#30
1,2,4-Trichlorobenzene
Concen: 8.677 ng
RT: 8.016 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:180	Resp:	104318
Ion Ratio	Lower	Upper
180	100	
182	96.1	75.2 112.8
145	29.8	25.3 37.9

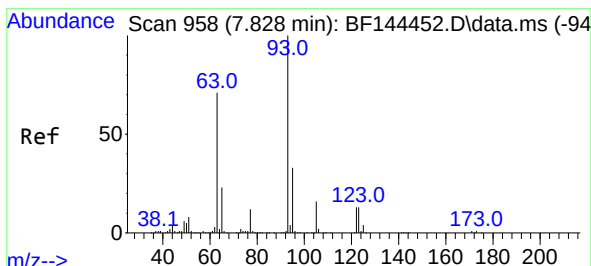
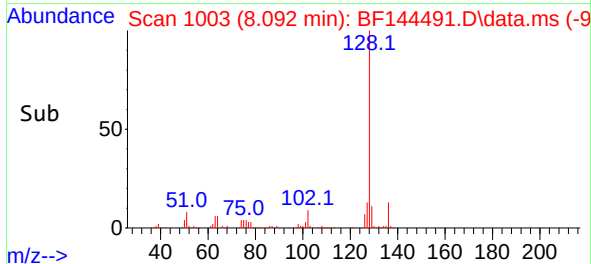
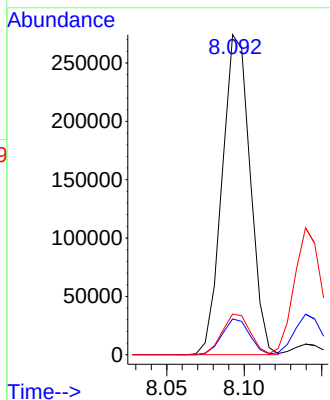
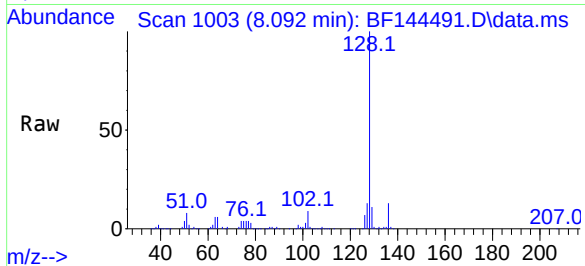




#31
Naphthalene
Concen: 8.253 ng
RT: 8.092 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

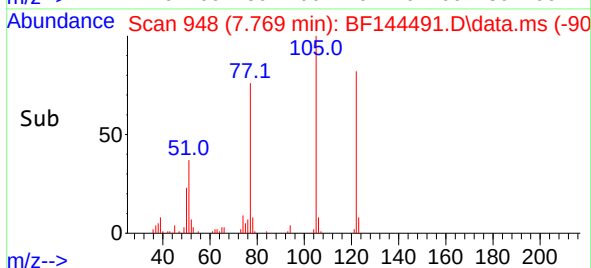
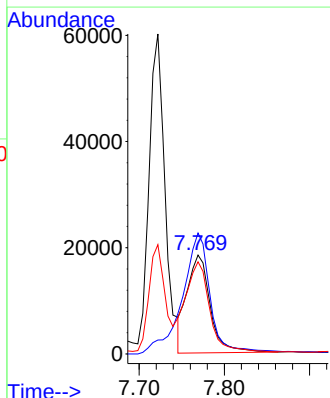
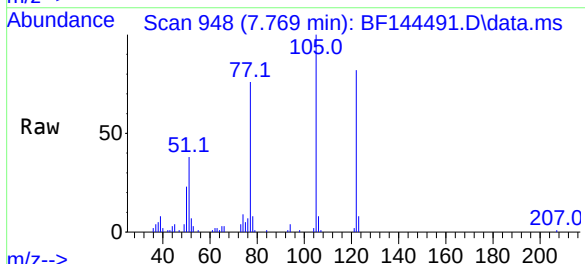
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

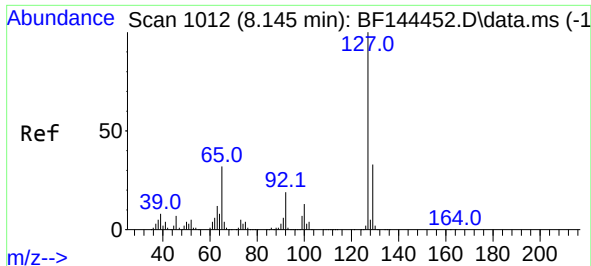
Tgt Ion:128 Resp: 344345
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.7 10.6 16.0



#32
Benzoic acid
Concen: 10.445 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.059 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:122 Resp: 35096
Ion Ratio Lower Upper
122 100
105 122.3 103.2 143.2
77 93.1 75.1 115.1



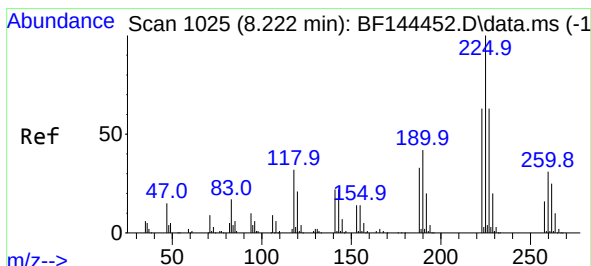
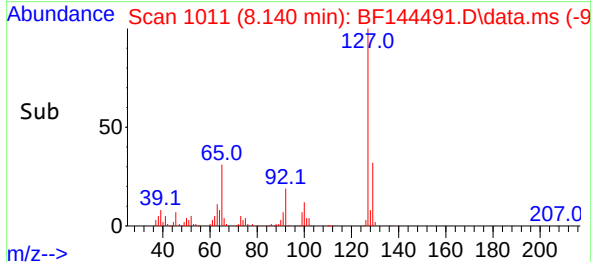
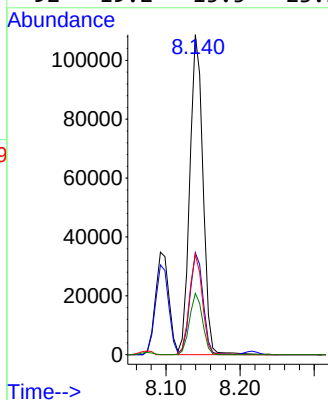
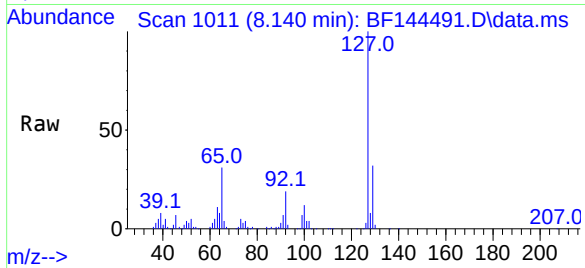


#33
4-Chloroaniline
Concen: 7.992 ng
RT: 8.140 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion:127 Resp: 134032

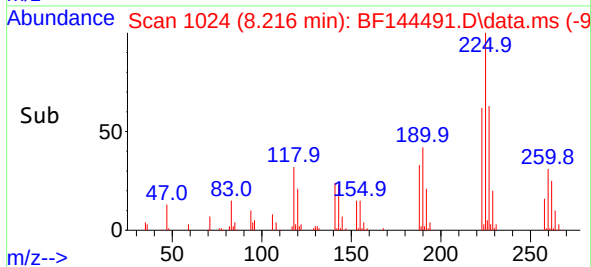
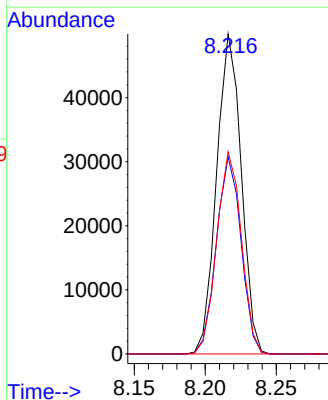
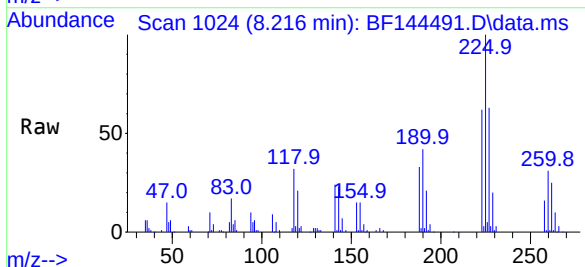
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	31.3	25.8	38.8
92	19.2	15.5	23.3

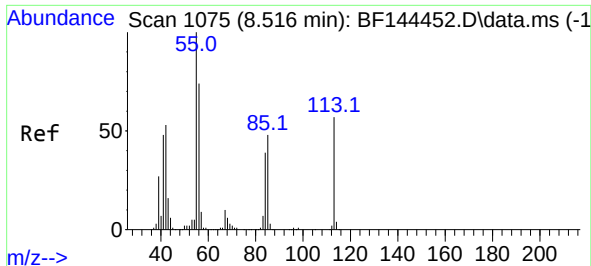


#34
Hexachlorobutadiene
Concen: 8.110 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:225 Resp: 60283

Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.1	75.1
227	63.2	50.3	75.5

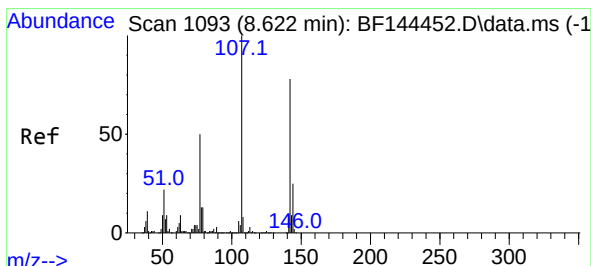
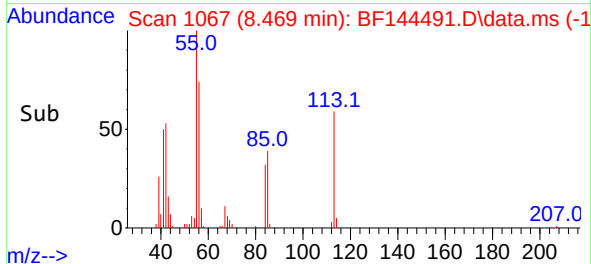
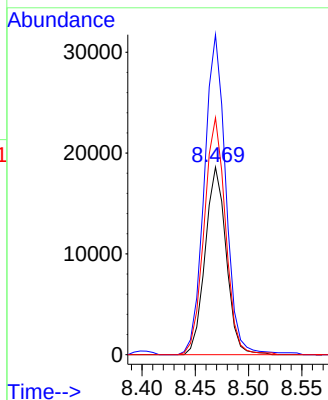
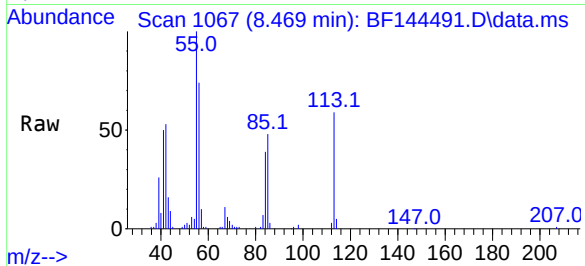




#35
Caprolactam
Concen: 6.985 ng
RT: 8.469 min Scan# 1067
Delta R.T. -0.047 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

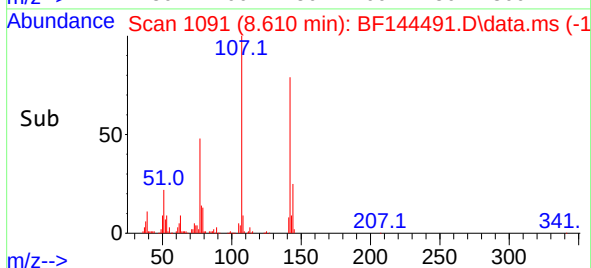
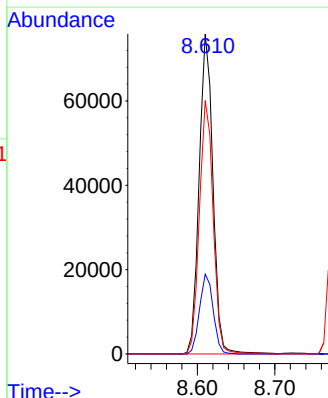
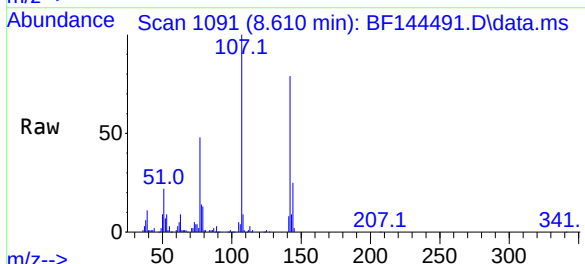
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2025

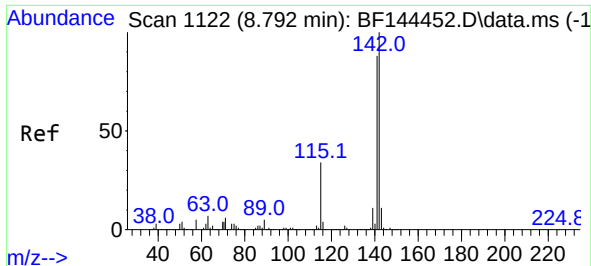
Tgt Ion:113 Resp: 25566
Ion Ratio Lower Upper
113 100
55 170.6 154.5 194.5
56 126.3 109.8 149.8



#36
4-Chloro-3-methylphenol
Concen: 7.787 ng
RT: 8.610 min Scan# 1091
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:107 Resp: 93699
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 79.2 62.4 93.6





#37

2-Methylnaphthalene

Concen: 7.336 ng

RT: 8.787 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF144491.D

Acq: 16 Dec 2025 13:15

Instrument :

BNA_F

ClientSampleId :

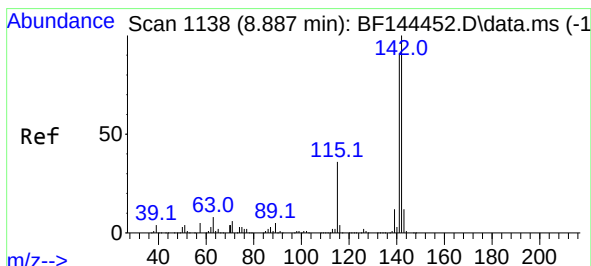
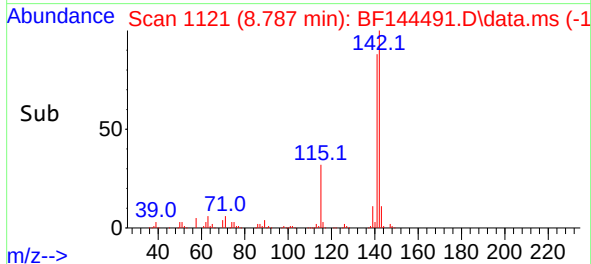
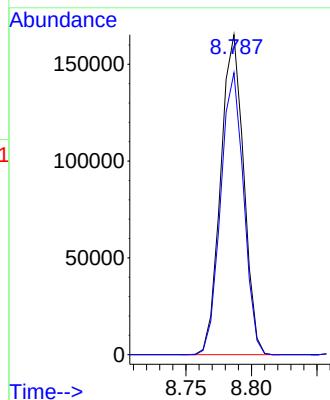
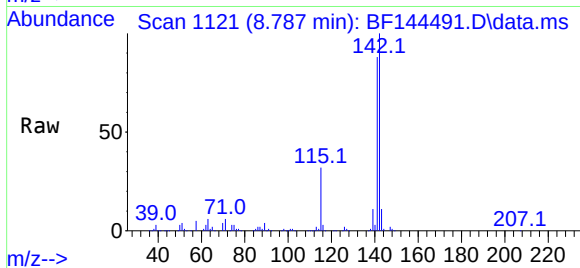
MDL-WATER-03-QT4-2025

Tgt Ion:142 Resp: 201384

Ion Ratio Lower Upper

142 100

141 88.1 70.0 105.0



#38

1-Methylnaphthalene

Concen: 7.899 ng

RT: 8.887 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF144491.D

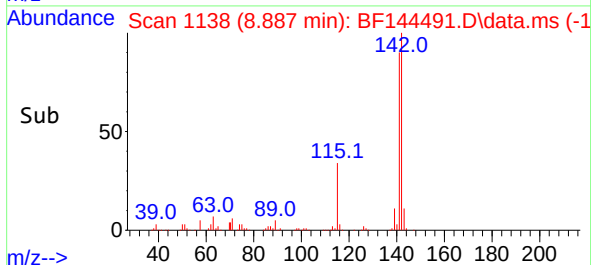
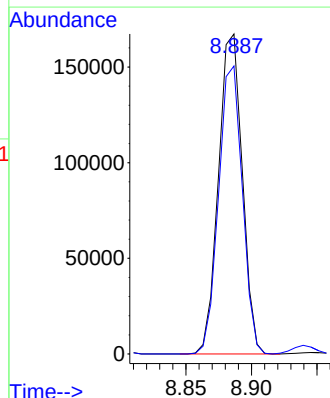
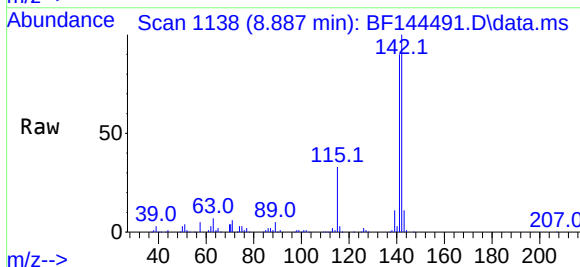
Acq: 16 Dec 2025 13:15

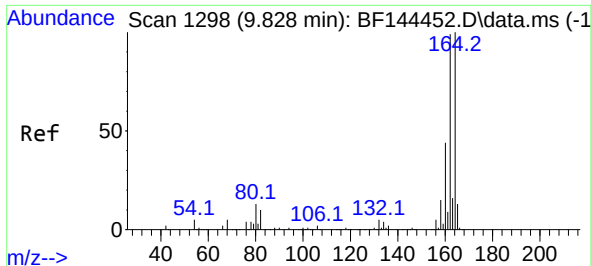
Tgt Ion:142 Resp: 211134

Ion Ratio Lower Upper

142 100

141 90.0 72.6 109.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF144491.D

Acq: 16 Dec 2025 13:15

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2025

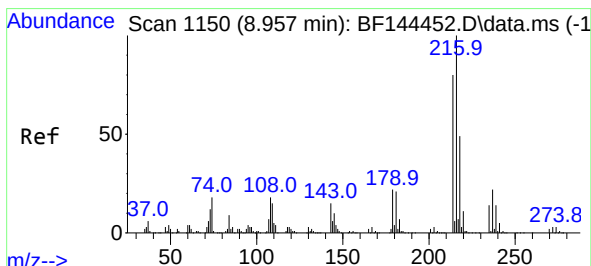
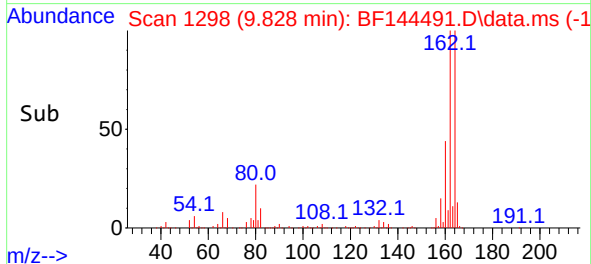
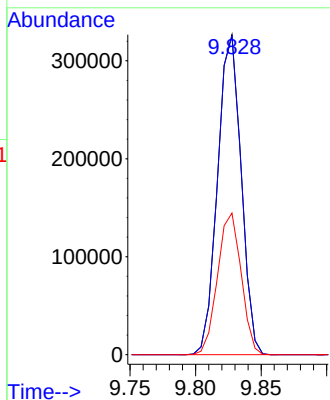
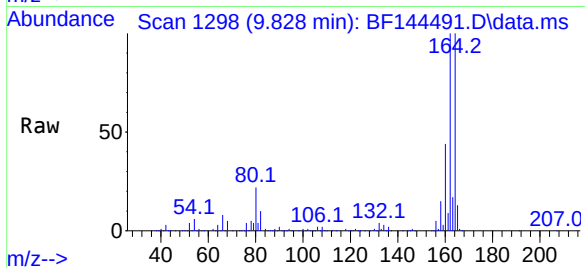
Tgt Ion:164 Resp: 407203

Ion Ratio Lower Upper

164 100

162 99.5 79.2 118.8

160 44.3 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.802 ng

RT: 8.951 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF144491.D

Acq: 16 Dec 2025 13:15

Tgt Ion:216 Resp: 102005

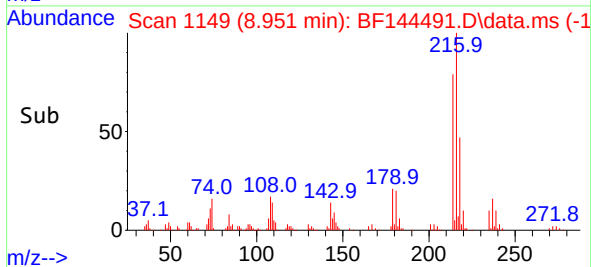
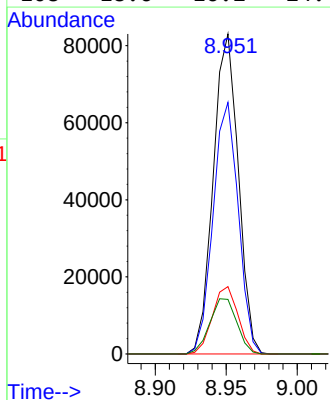
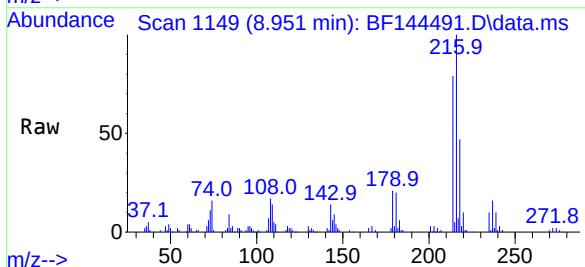
Ion Ratio Lower Upper

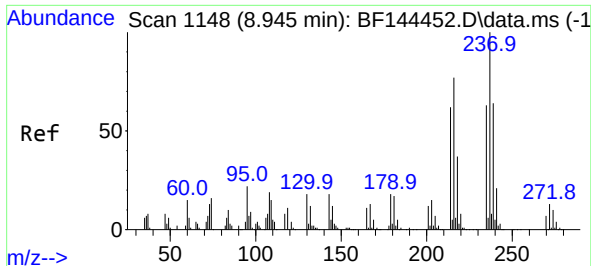
216 100

214 78.9 63.8 95.6

179 21.5 17.7 26.5

108 18.6 16.2 24.4

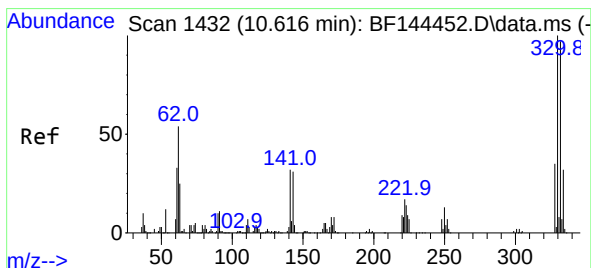
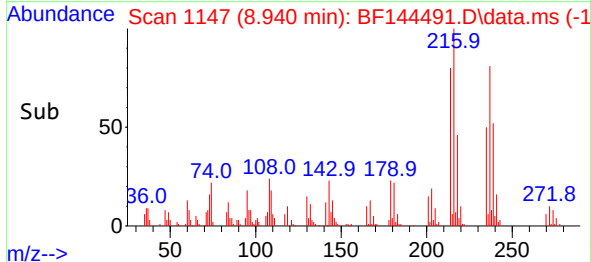
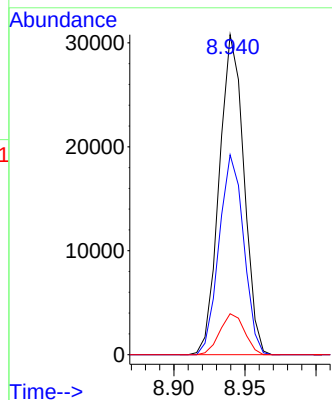
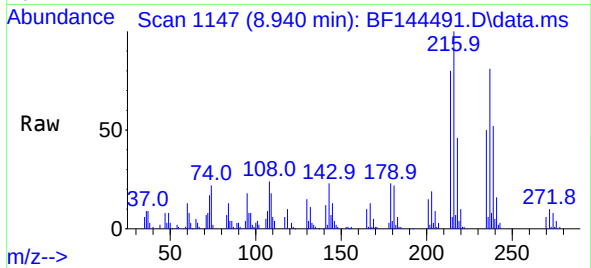




#41
Hexachlorocyclopentadiene
Concen: 5.417 ng
RT: 8.940 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

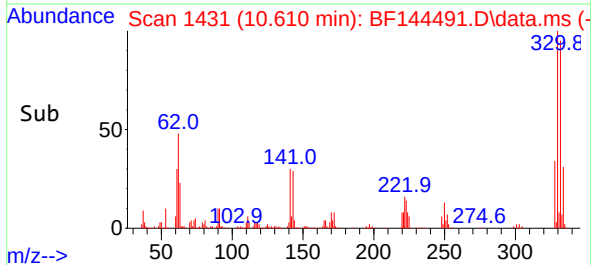
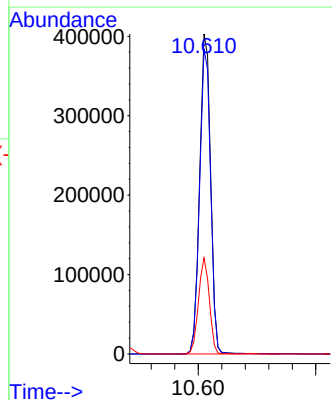
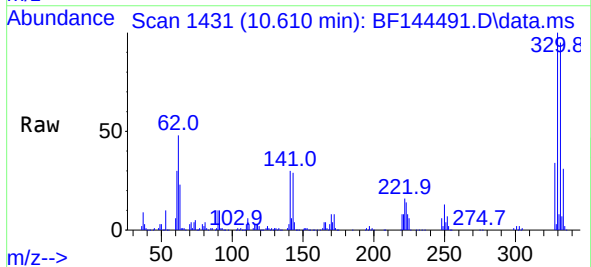
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

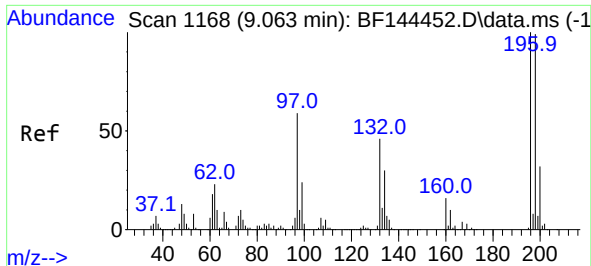
Tgt Ion:237 Resp: 37152
Ion Ratio Lower Upper
237 100
235 62.5 43.2 83.2
272 12.8 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 141.683 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:330 Resp: 521607
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 29.6 26.2 39.2

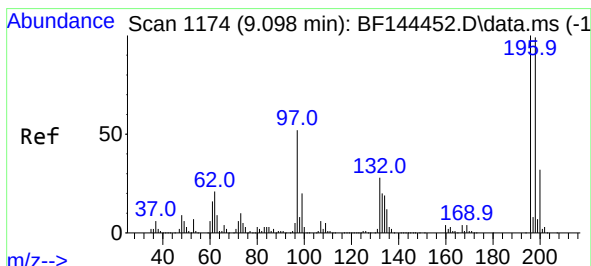
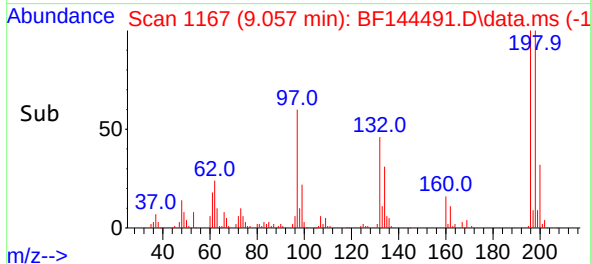
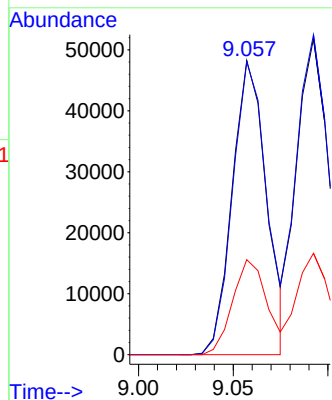
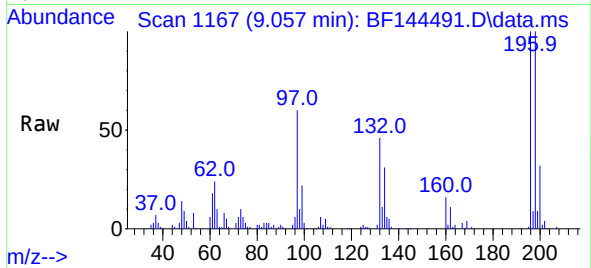




#43
2,4,6-Trichlorophenol
Concen: 8.235 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

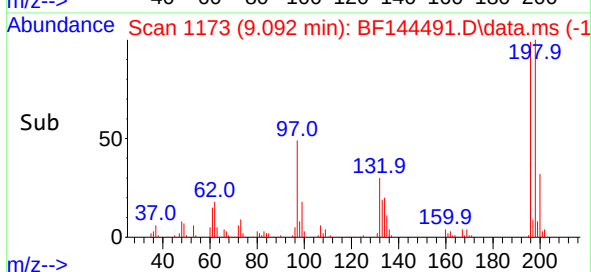
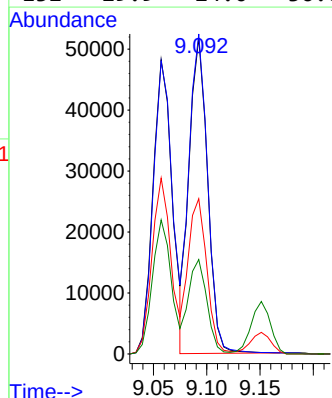
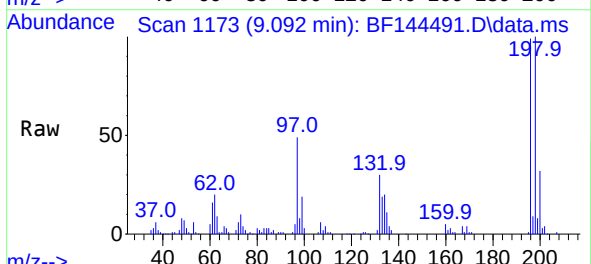
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

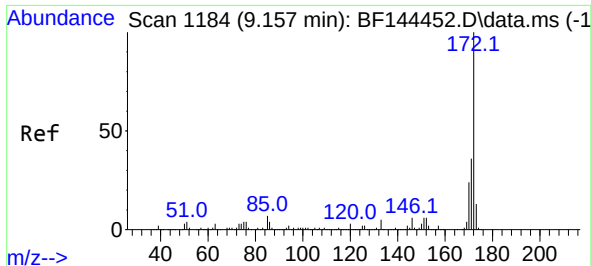
Tgt Ion:196 Resp: 60602
Ion Ratio Lower Upper
196 100
198 99.6 79.0 118.4
200 32.3 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 8.078 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:196 Resp: 62396
Ion Ratio Lower Upper
196 100
198 101.3 79.5 119.3
97 49.1 42.2 63.2
132 29.9 24.0 36.0

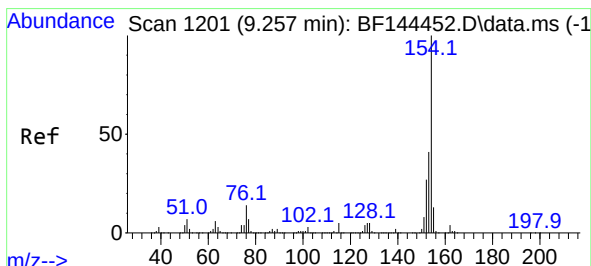
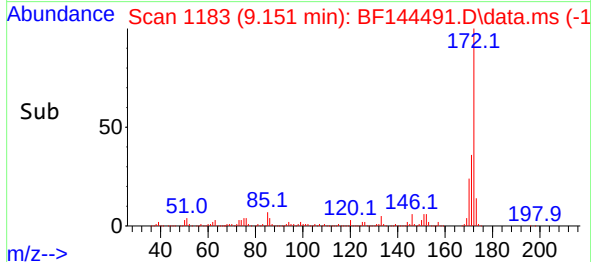
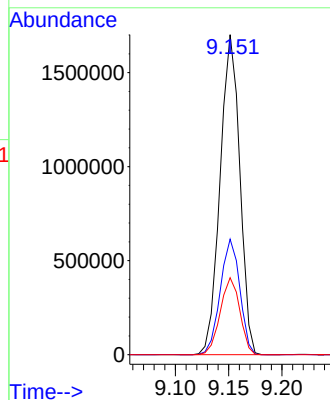
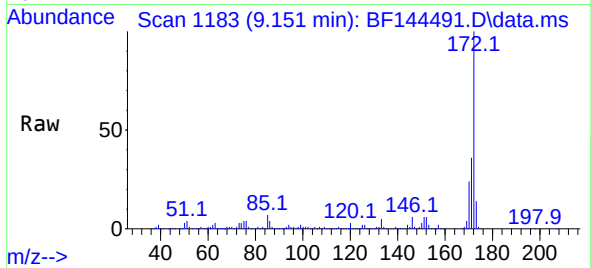




#45
2-Fluorobiphenyl
Concen: 82.233 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

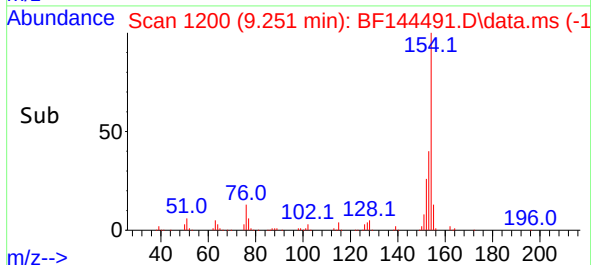
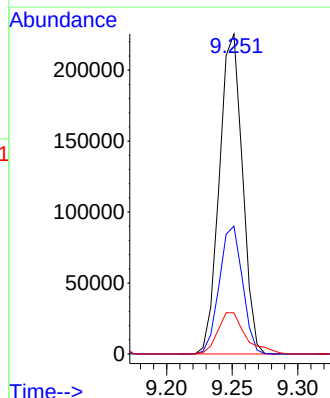
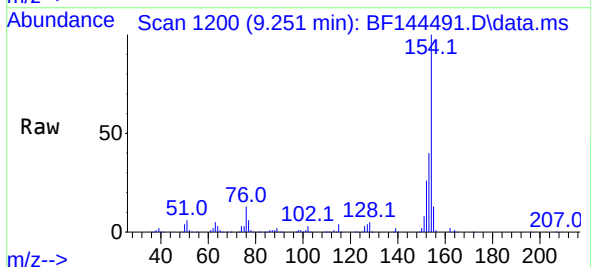
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2025

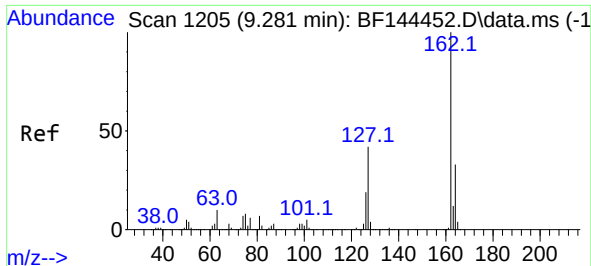
Tgt Ion:172 Resp: 2182793
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.0 19.3 28.9



#46
1,1'-Biphenyl
Concen: 8.670 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:154 Resp: 275897
Ion Ratio Lower Upper
154 100
153 40.0 21.0 61.0
76 12.9 0.0 33.8

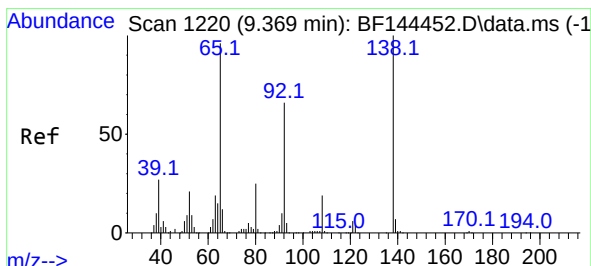
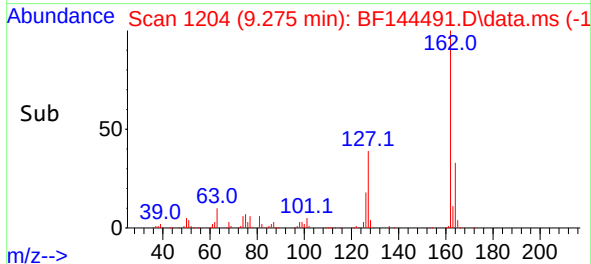
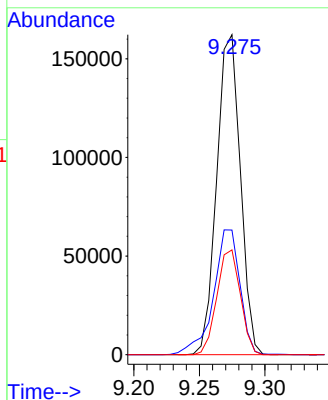
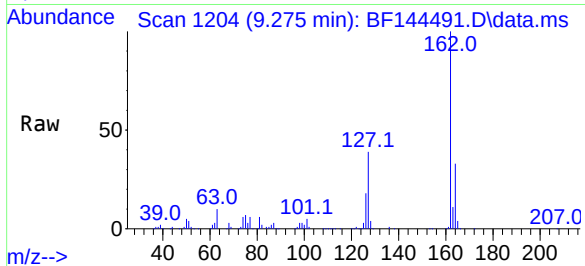




#47
2-Chloronaphthalene
Concen: 8.361 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

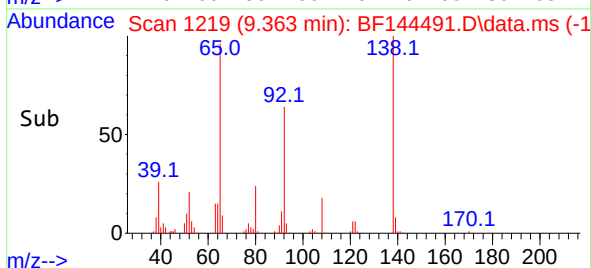
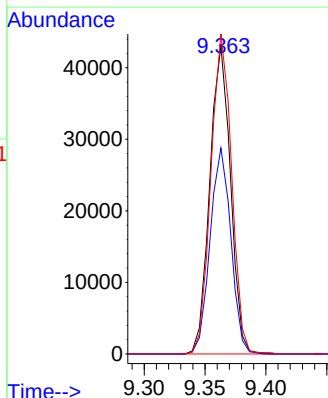
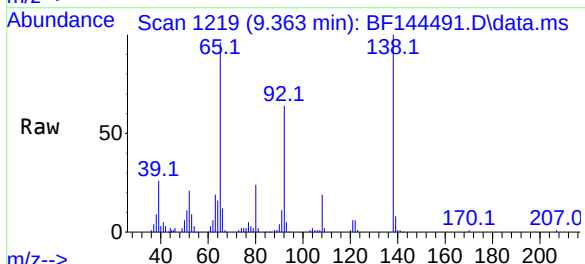
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2025

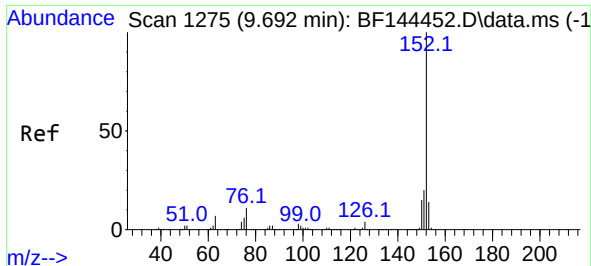
Tgt Ion:	162	Resp:	203105
Ion	Ratio	Lower	Upper
162	100		
127	38.9	33.6	50.4
164	32.8	26.6	39.8



#48
2-Nitroaniline
Concen: 10.388 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:	65	Resp:	50924
Ion	Ratio	Lower	Upper
65	100		
92	66.9	55.0	82.4
138	103.9	83.4	125.2

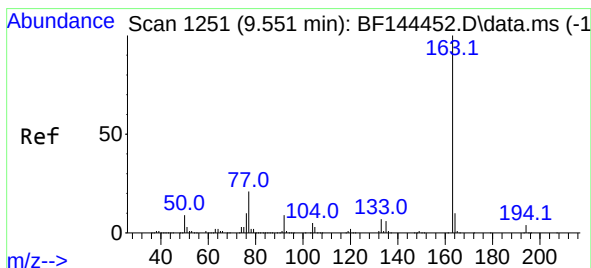
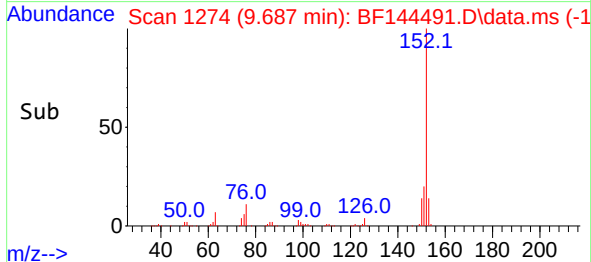
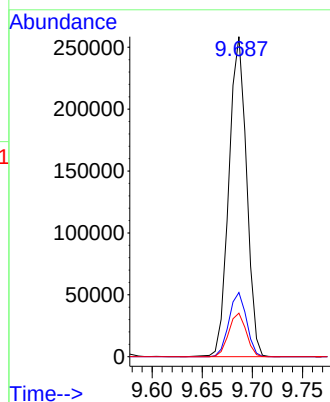
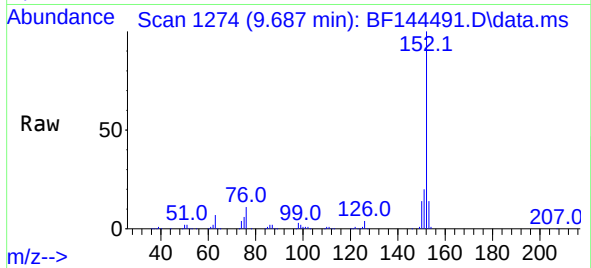




#49
Acenaphthylene
Concen: 8.217 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

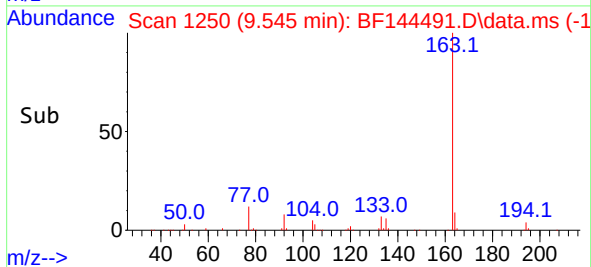
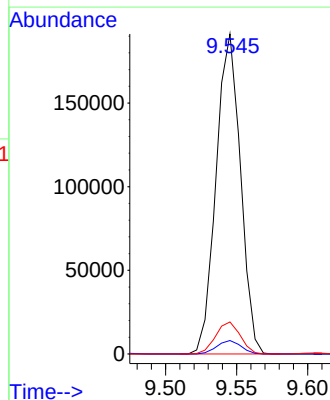
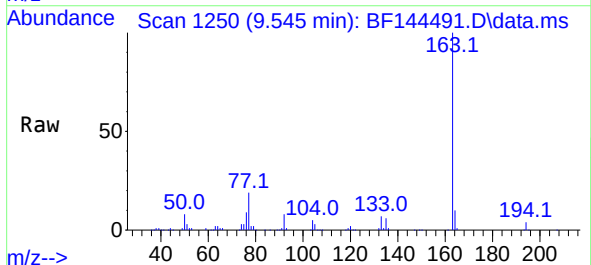
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

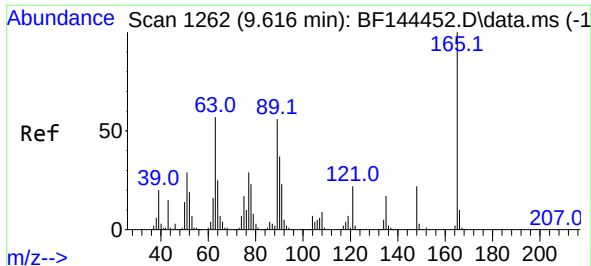
Tgt Ion:152 Resp: 316281
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.6 11.4 17.0



#50
Dimethylphthalate
Concen: 8.292 ng
RT: 9.545 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:163 Resp: 228064
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 11.956 ng

RT: 9.604 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144491.D

Acq: 16 Dec 2025 13:15

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2025

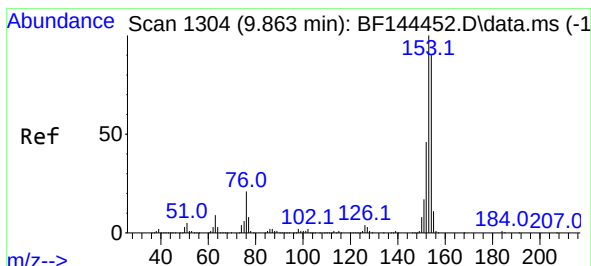
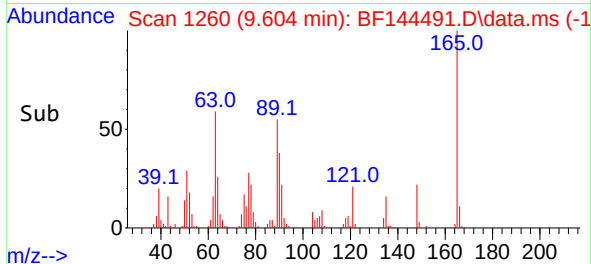
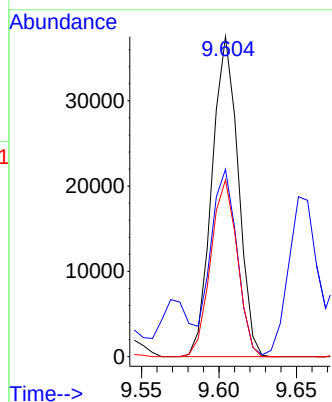
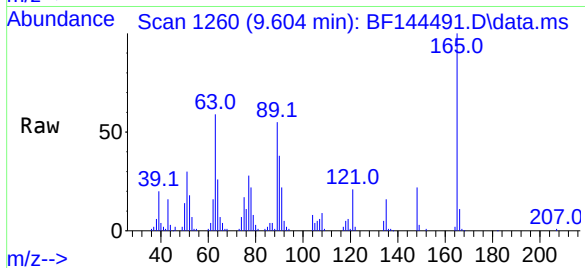
Tgt Ion:165 Resp: 44161

Ion Ratio Lower Upper

165 100

63 58.5 45.9 68.9

89 55.3 44.6 67.0



#52

Acenaphthene

Concen: 8.451 ng

RT: 9.857 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BF144491.D

Acq: 16 Dec 2025 13:15

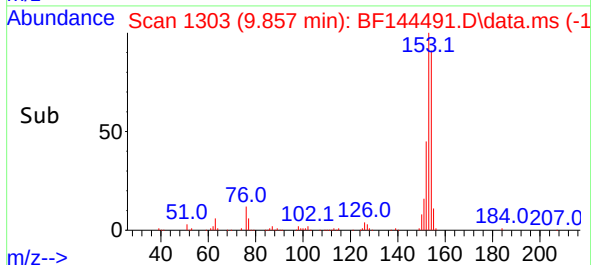
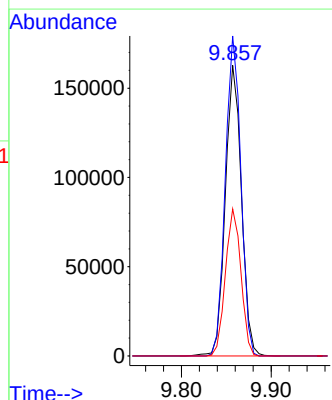
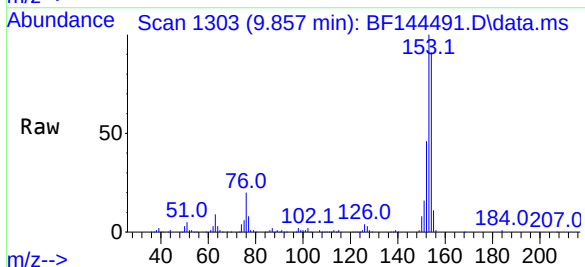
Tgt Ion:154 Resp: 202796

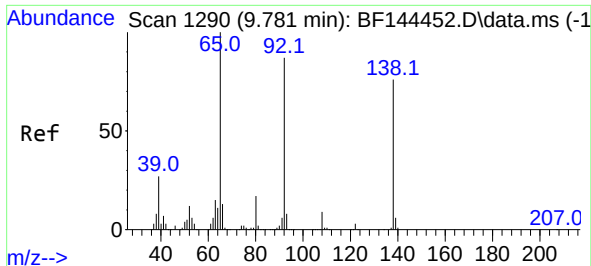
Ion Ratio Lower Upper

154 100

153 110.1 88.6 132.8

152 50.6 40.6 61.0

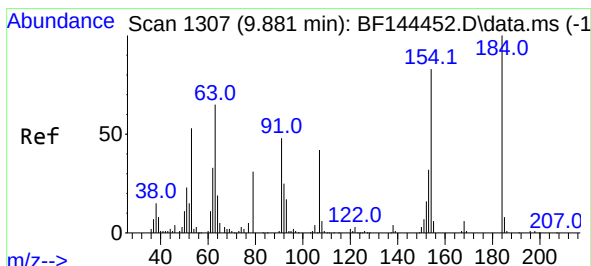
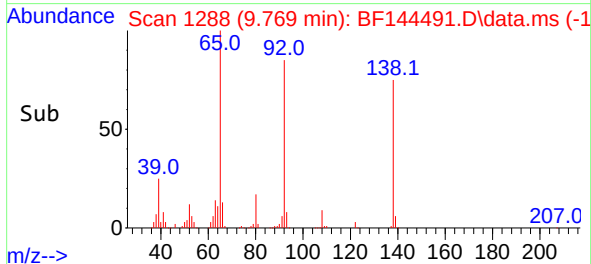
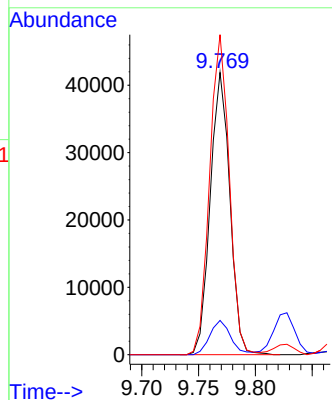
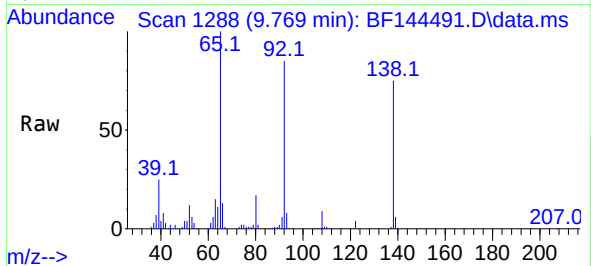




#53
3-Nitroaniline
Concen: 10.647 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

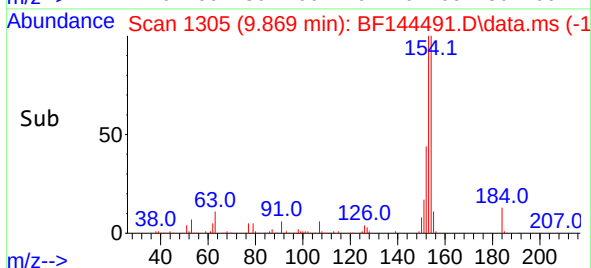
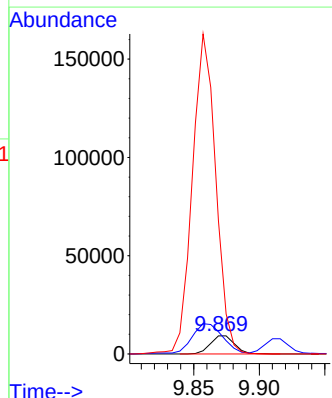
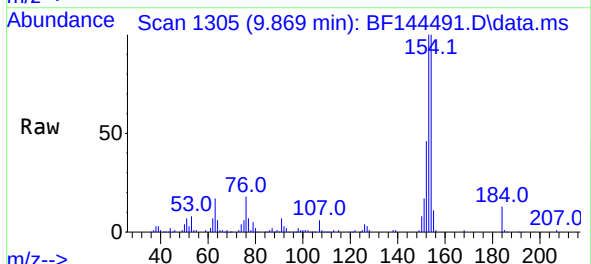
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

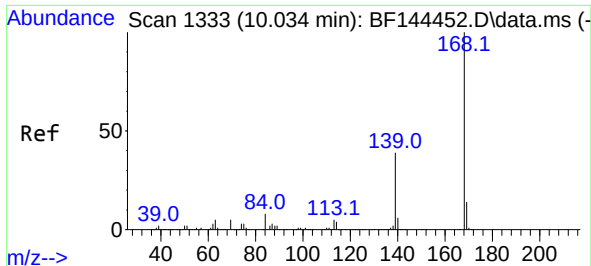
Tgt Ion:138 Resp: 50262
Ion Ratio Lower Upper
138 100
108 12.1 9.7 14.5
92 113.4 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 12.353 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:184 Resp: 11823
Ion Ratio Lower Upper
184 100
63 123.1 60.6 91.0#
154 737.8 137.8 206.8#

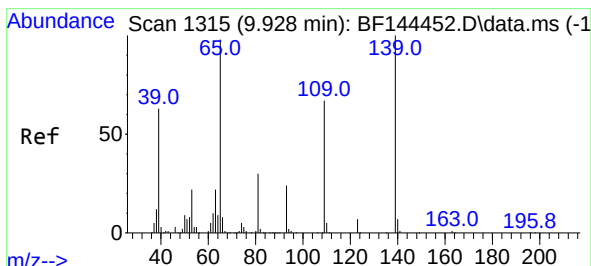
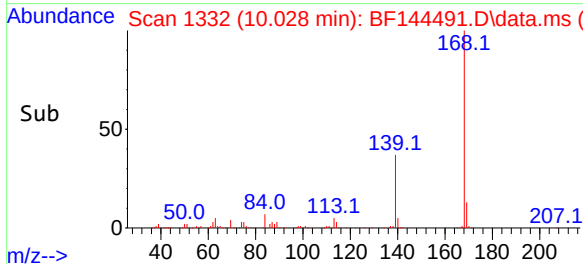
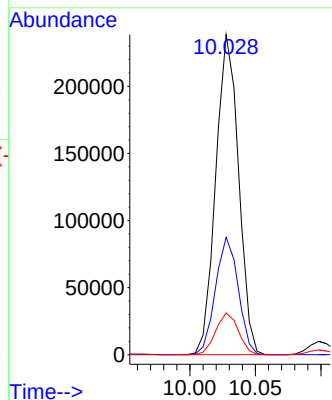
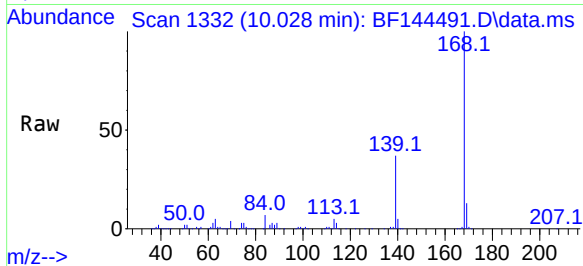




#55
Dibenzenofuran
Concen: 8.440 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

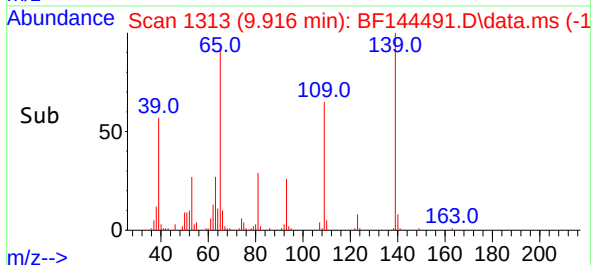
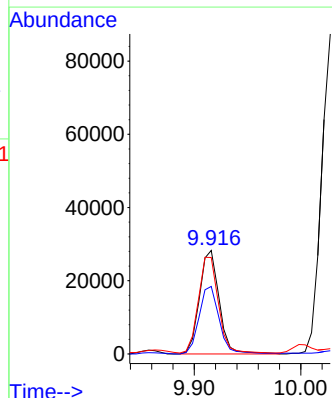
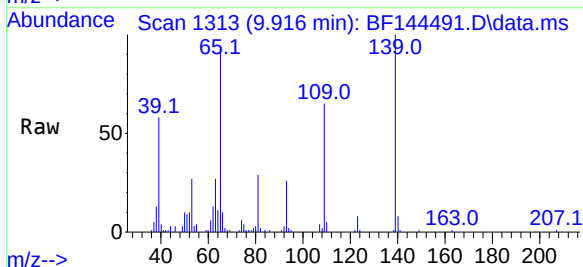
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2025

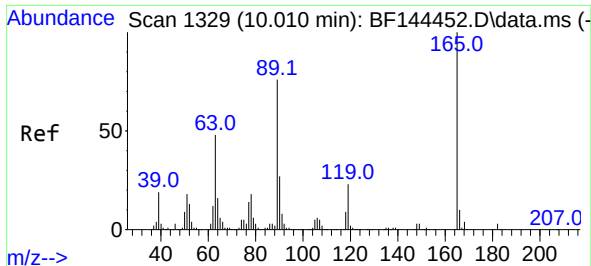
Tgt Ion:168 Resp: 288204
Ion Ratio Lower Upper
168 100
139 36.6 31.0 46.6
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 7.773 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:139 Resp: 36409
Ion Ratio Lower Upper
139 100
109 65.2 47.4 87.4
65 93.1 78.4 118.4

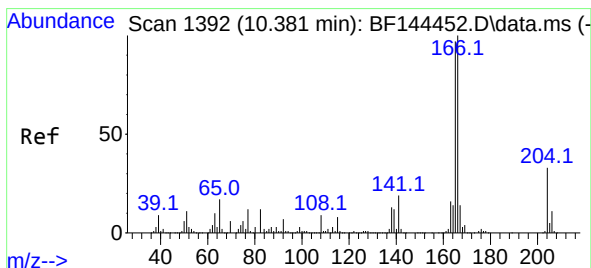
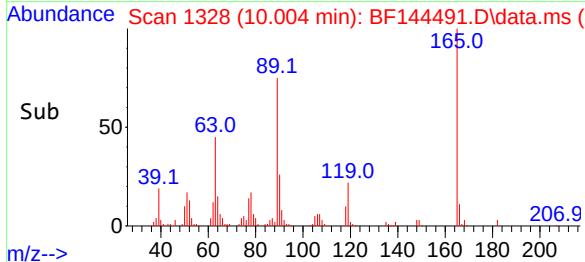
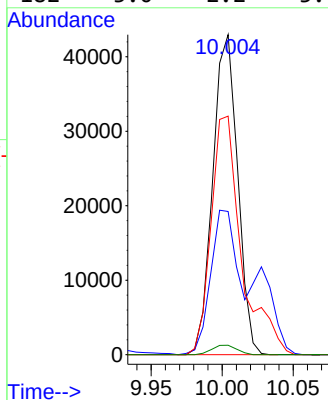
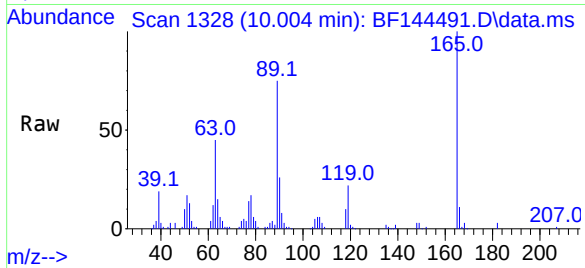




#57
2,4-Dinitrotoluene
Concen: 10.857 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

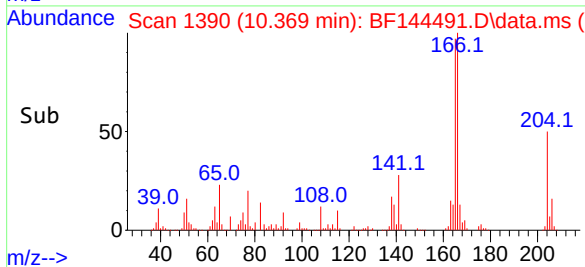
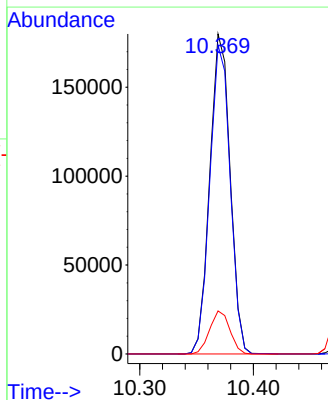
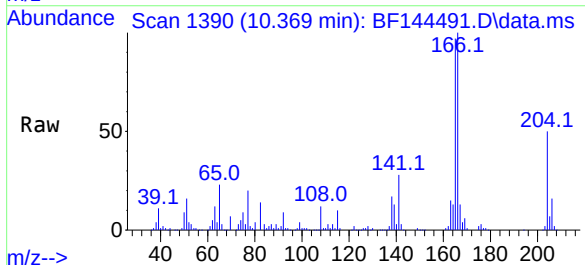
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

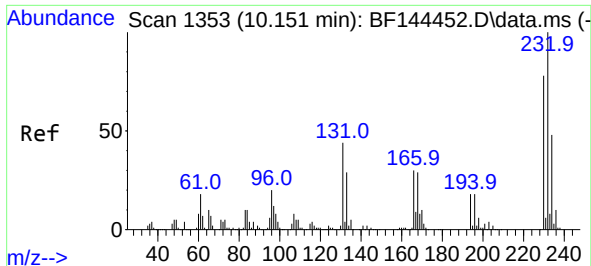
Tgt Ion:	165	Resp:	52212
Ion Ratio	Lower	Upper	
165	100		
63	44.8	38.2	57.4
89	74.6	61.2	91.8
182	3.0	2.2	3.4



#58
Fluorene
Concen: 8.669 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:	166	Resp:	224134
Ion Ratio	Lower	Upper	
166	100		
165	96.5	77.6	116.4
167	13.5	10.8	16.2

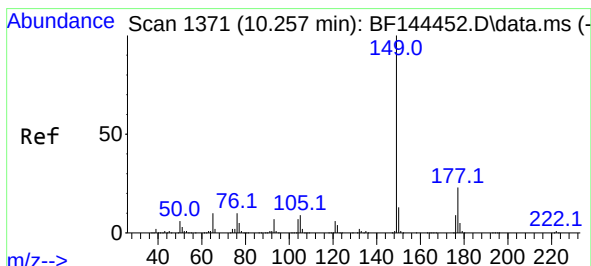
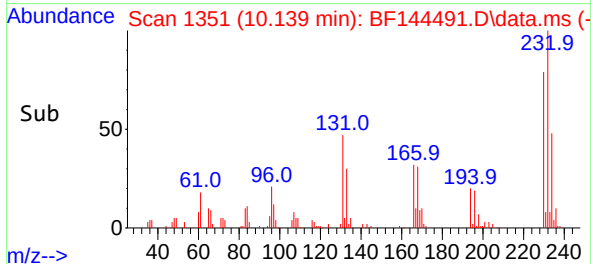
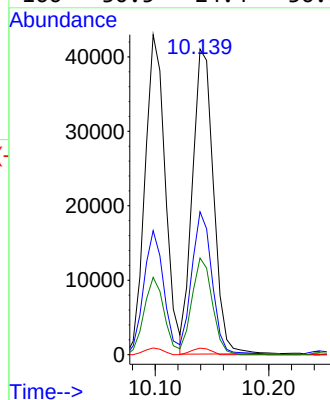
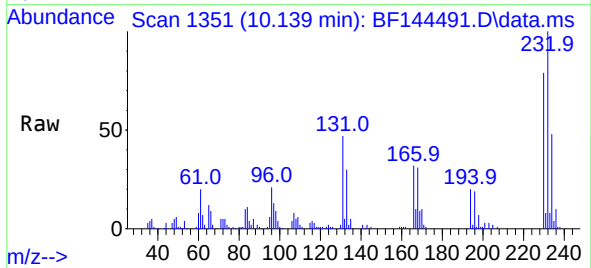




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.992 ng
RT: 10.139 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

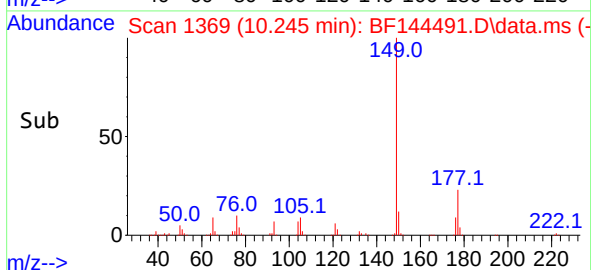
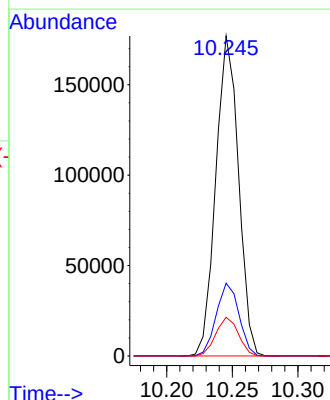
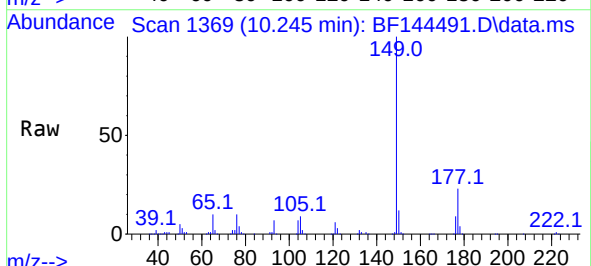
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

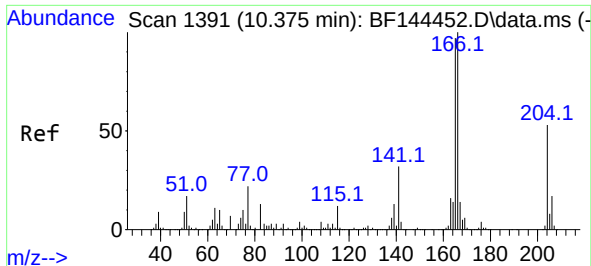
Tgt Ion:232 Resp: 52725
Ion Ratio Lower Upper
232 100
131 45.3 36.3 54.5
130 2.0 1.8 2.6
166 30.5 24.4 36.6



#60
Diethylphthalate
Concen: 8.160 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:149 Resp: 212727
Ion Ratio Lower Upper
149 100
177 22.7 18.7 28.1
150 12.1 10.1 15.1





#61

4-Chlorophenyl-phenylether

Concen: 8.628 ng

RT: 10.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144491.D

Acq: 16 Dec 2025 13:15

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2025

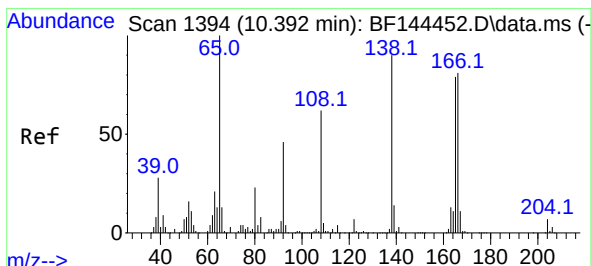
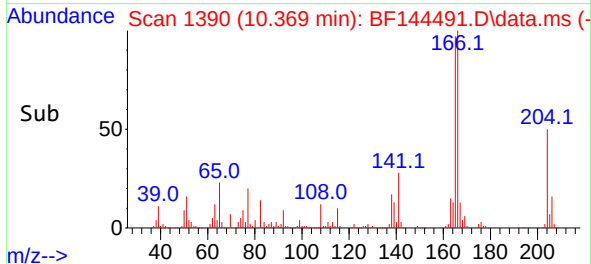
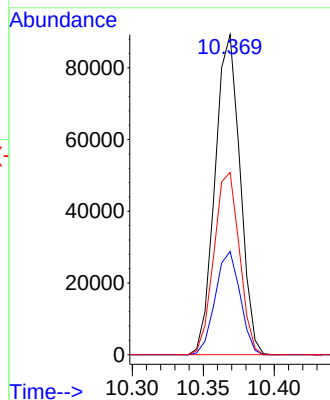
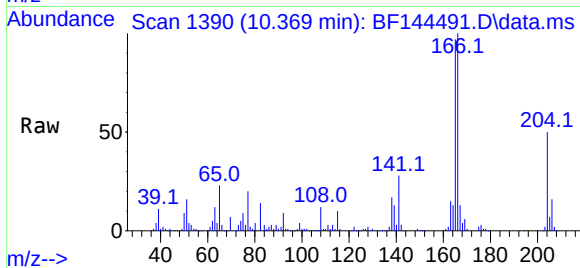
Tgt Ion:204 Resp: 109449

Ion Ratio Lower Upper

204 100

206 32.2 26.3 39.5

141 57.0 48.4 72.6



#62

4-Nitroaniline

Concen: 9.743 ng

RT: 10.375 min Scan# 1391

Delta R.T. -0.017 min

Lab File: BF144491.D

Acq: 16 Dec 2025 13:15

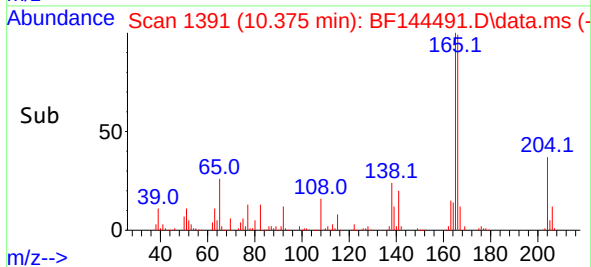
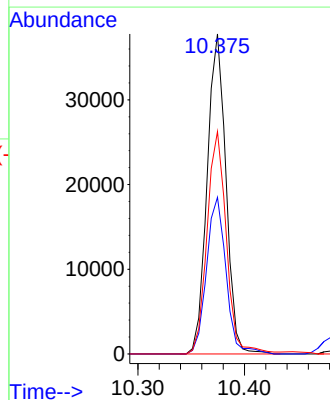
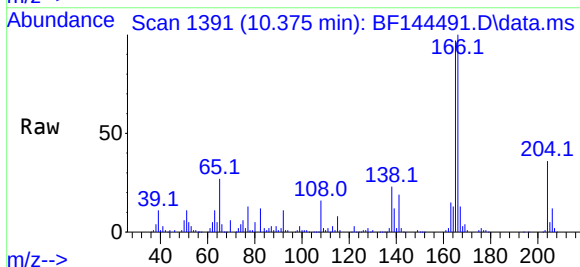
Tgt Ion:138 Resp: 46394

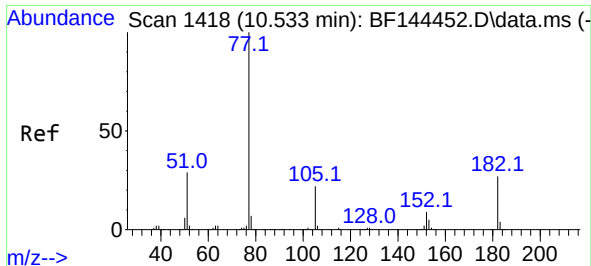
Ion Ratio Lower Upper

138 100

92 48.9 30.8 70.8

108 69.5 49.2 89.2

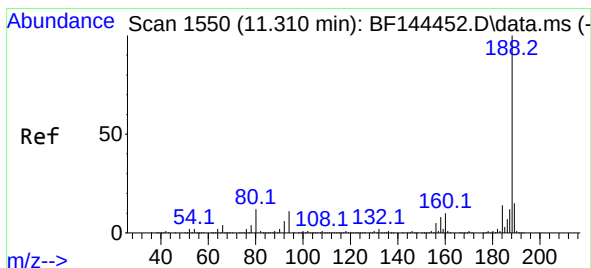
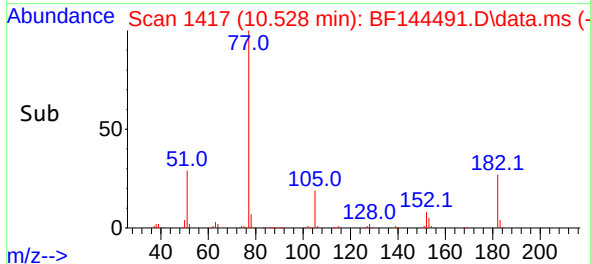
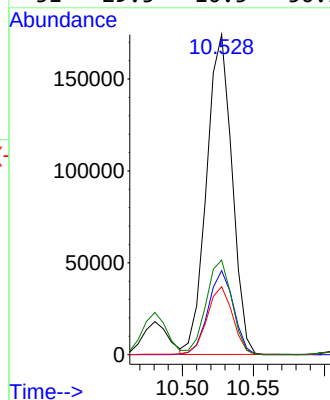
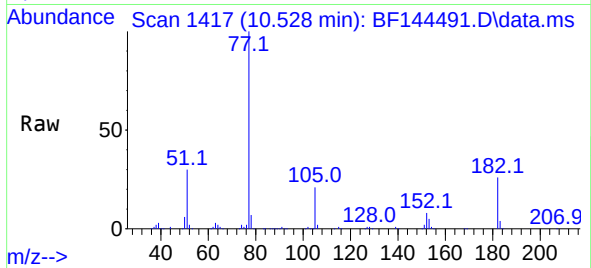




#63
Azobenzene
Concen: 7.893 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

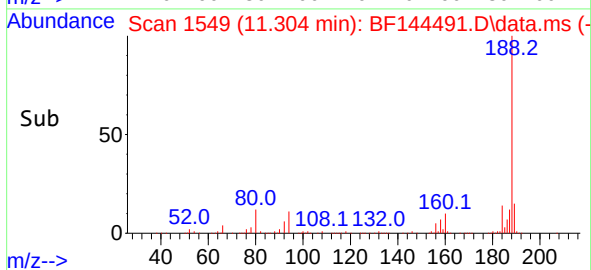
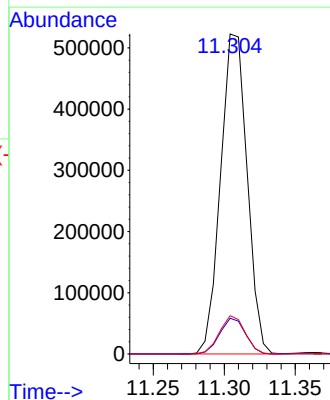
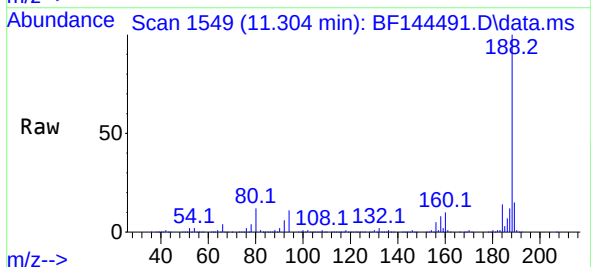
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

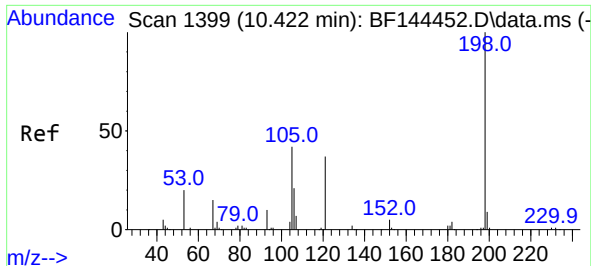
Tgt Ion:	77	Resp:	217464
Ion	Ratio	Lower	Upper
77	100		
182	26.3	6.1	46.1
105	21.3	1.5	41.5
51	29.5	10.5	50.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:	188	Resp:	680493
Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.6
80	11.9	9.8	14.8

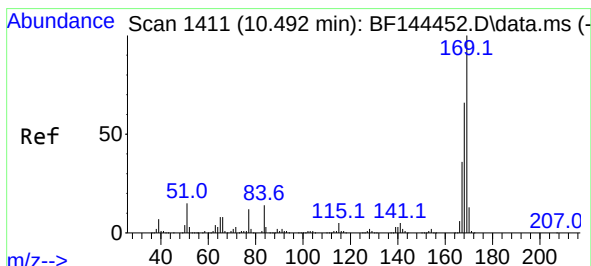
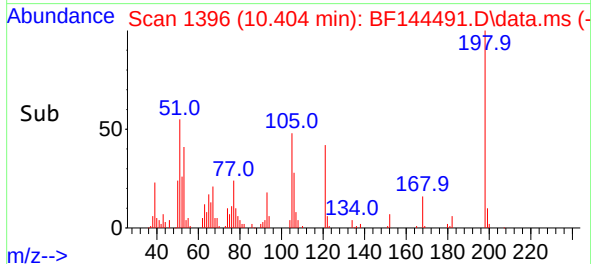
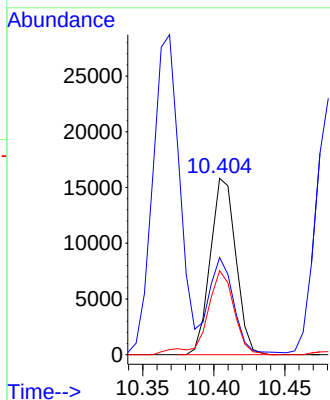
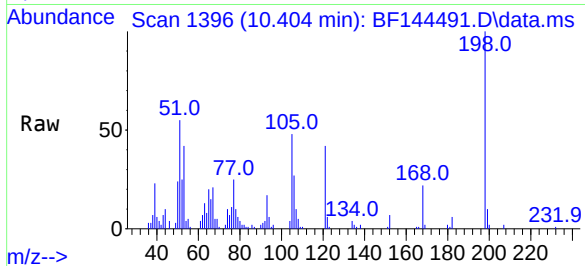




#65
4,6-Dinitro-2-methylphenol
Concen: 12.636 ng
RT: 10.404 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

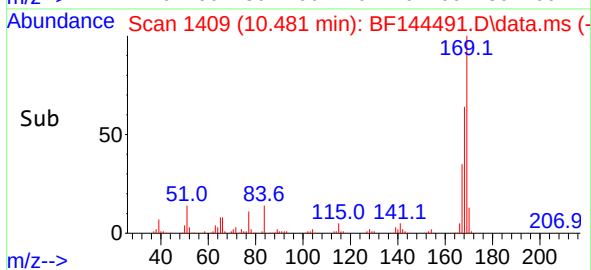
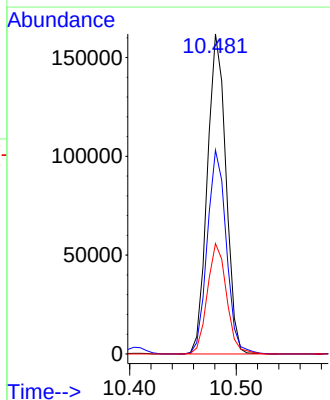
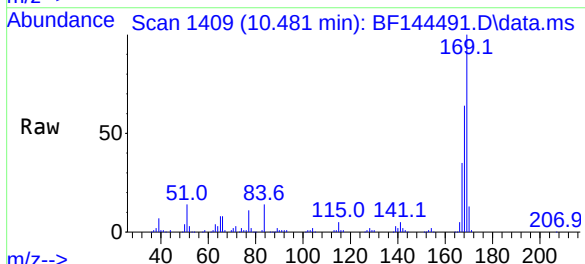
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

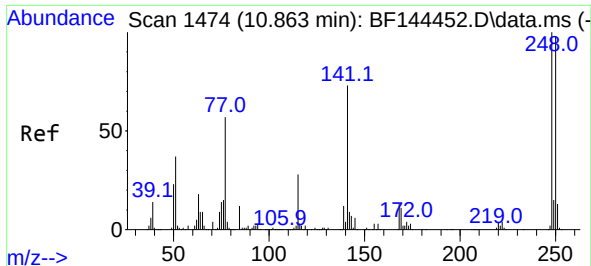
Tgt Ion:198 Resp: 19750
Ion Ratio Lower Upper
198 100
51 55.1 25.5 65.5
105 47.6 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 8.415 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:169 Resp: 196245
Ion Ratio Lower Upper
169 100
168 63.7 52.6 79.0
167 34.5 28.8 43.2

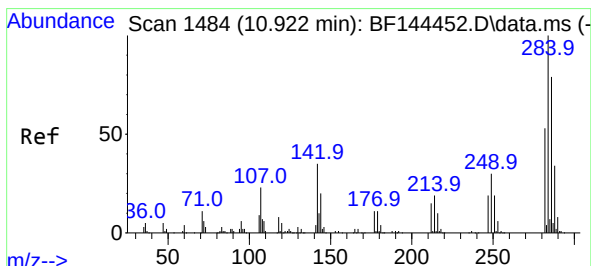
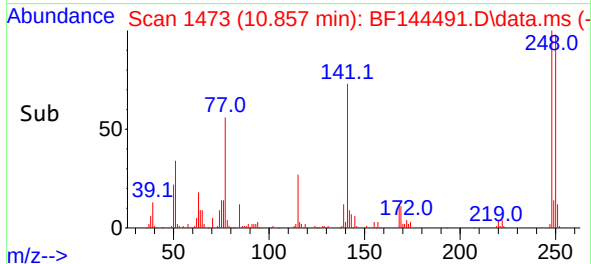
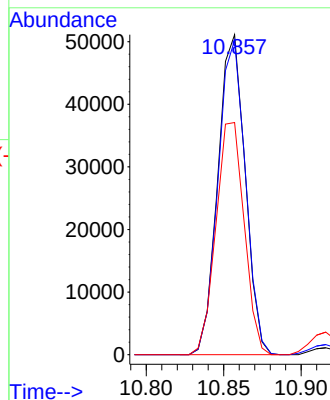
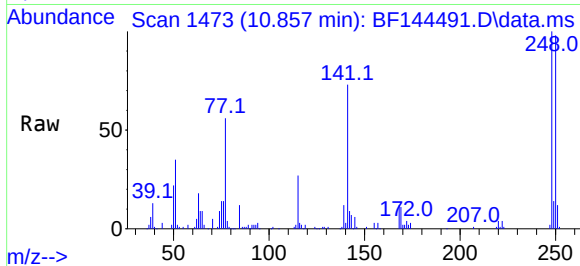




#67
4-Bromophenyl-phenylether
Concen: 7.879 ng
RT: 10.857 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

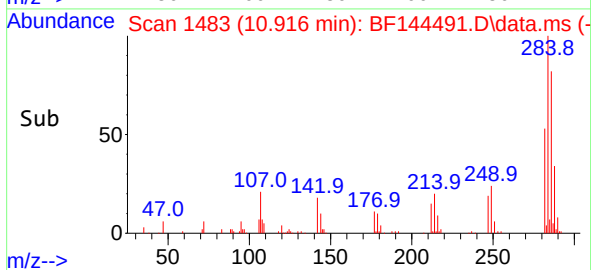
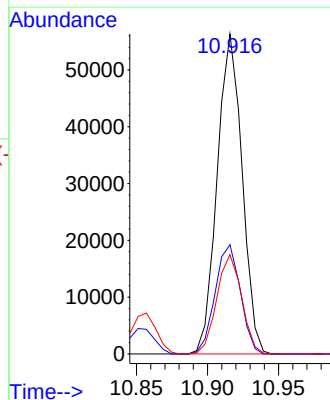
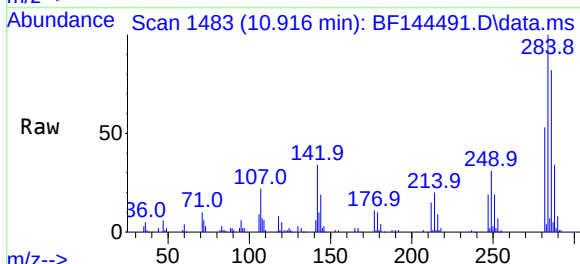
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

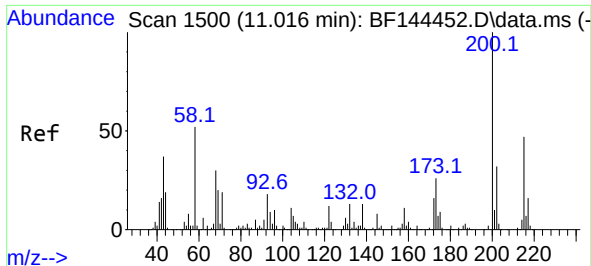
Tgt Ion:248 Resp: 62590
Ion Ratio Lower Upper
248 100
250 98.4 78.2 117.4
141 72.6 58.5 87.7



#68
Hexachlorobenzene
Concen: 7.825 ng
RT: 10.916 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:284 Resp: 68620
Ion Ratio Lower Upper
284 100
142 34.2 28.2 42.2
249 31.1 24.7 37.1

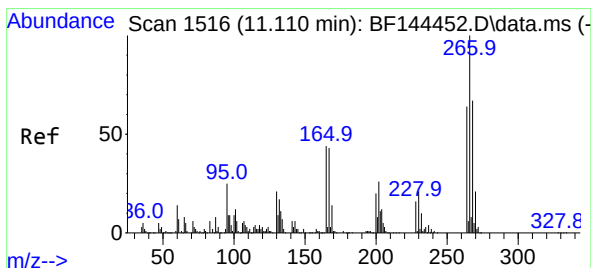
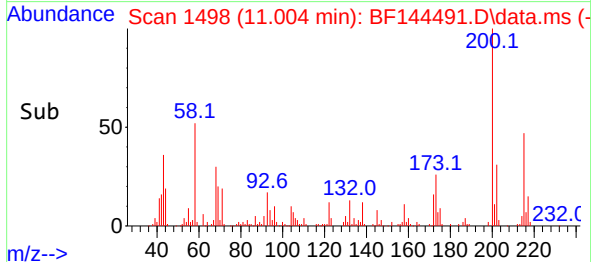
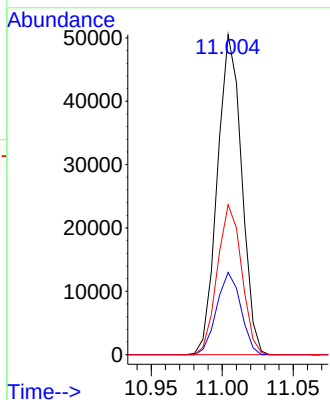
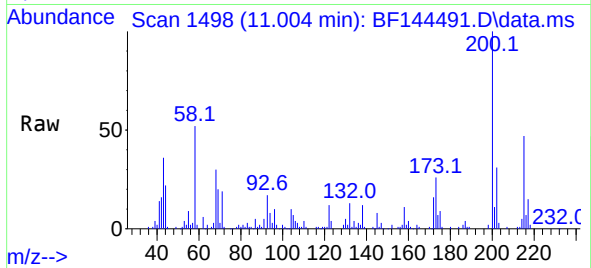




#69
Atrazine
Concen: 8.210 ng
RT: 11.004 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

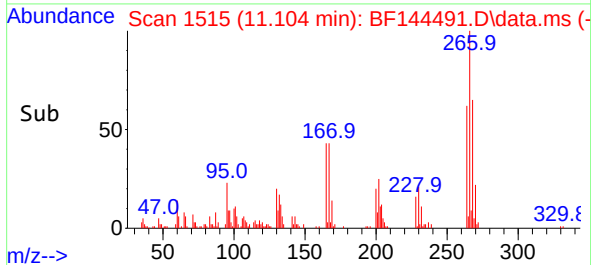
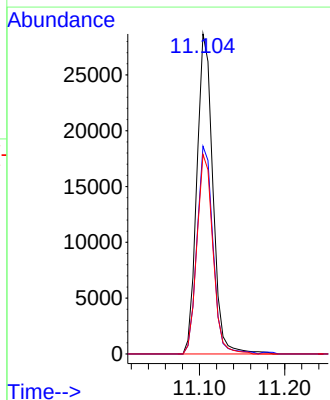
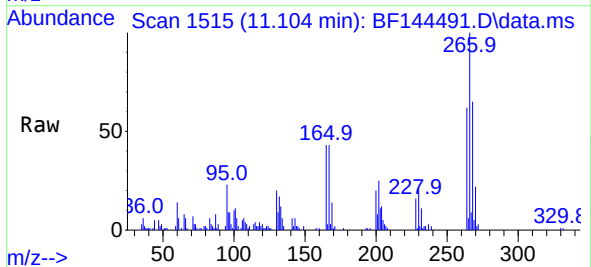
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

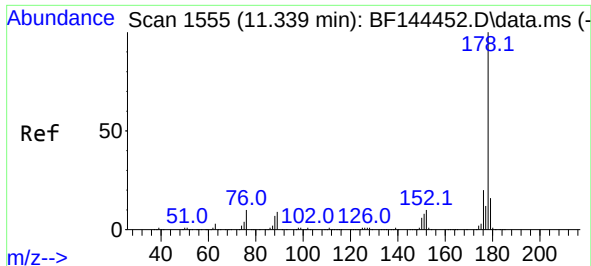
Tgt Ion:200 Resp: 59968
Ion Ratio Lower Upper
200 100
173 25.7 6.2 46.2
215 46.9 27.2 67.2



#70
Pentachlorophenol
Concen: 7.483 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:266 Resp: 37430
Ion Ratio Lower Upper
266 100
268 64.9 53.8 80.8
264 62.3 51.2 76.8

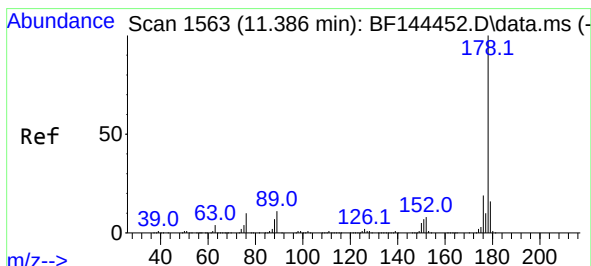
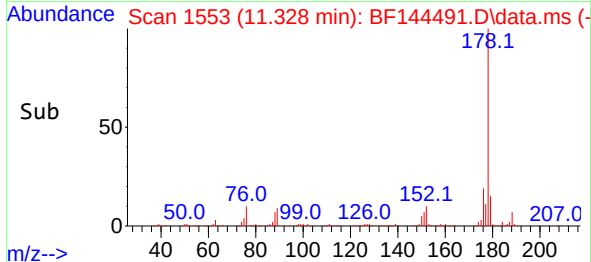
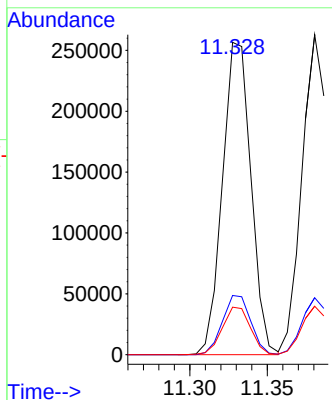
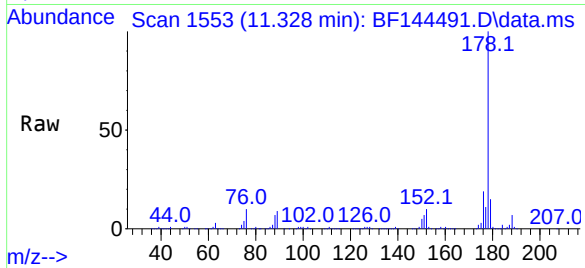




#71
Phenanthrene
Concen: 8.377 ng
RT: 11.328 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

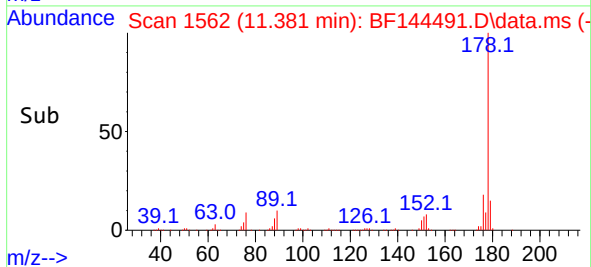
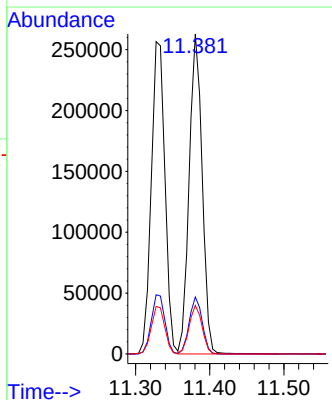
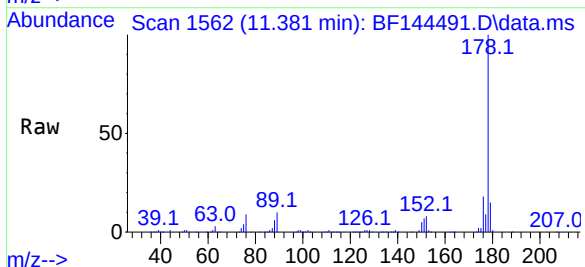
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

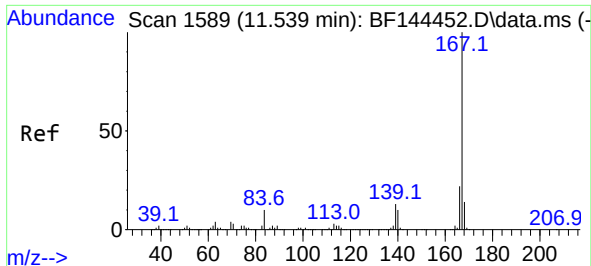
Tgt Ion:178 Resp: 328636
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.2 12.5 18.7



#72
Anthracene
Concen: 8.056 ng
RT: 11.381 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:178 Resp: 319889
Ion Ratio Lower Upper
178 100
176 17.8 15.2 22.8
179 15.2 12.7 19.1

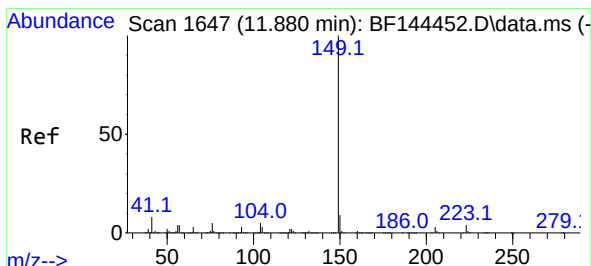
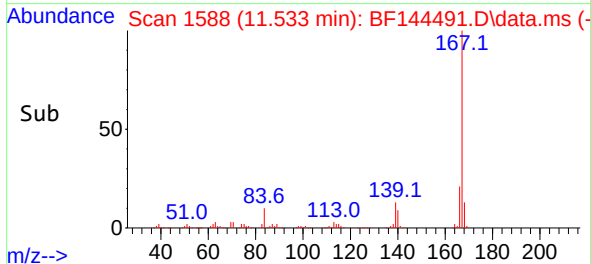
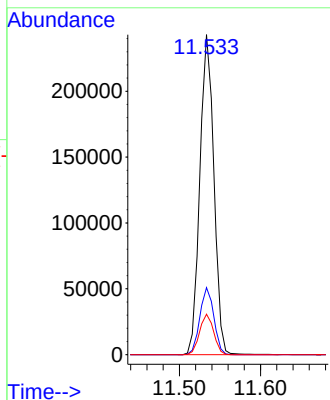
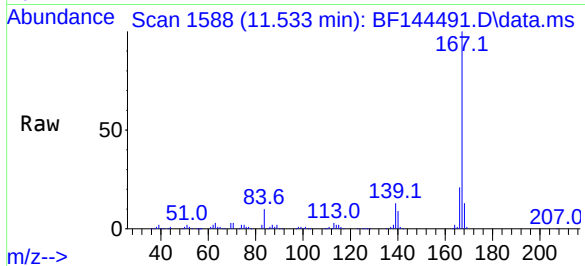




#73
 Carbazole
 Concen: 8.466 ng
 RT: 11.533 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF144491.D
 Acq: 16 Dec 2025 13:15

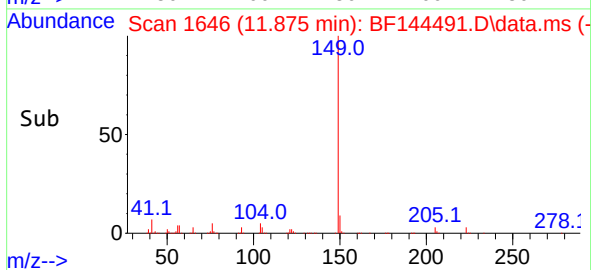
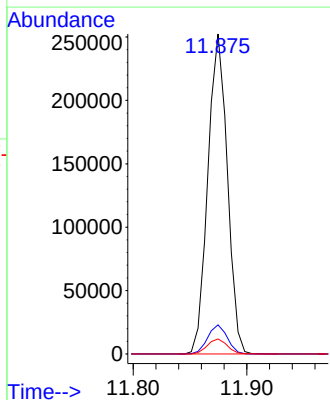
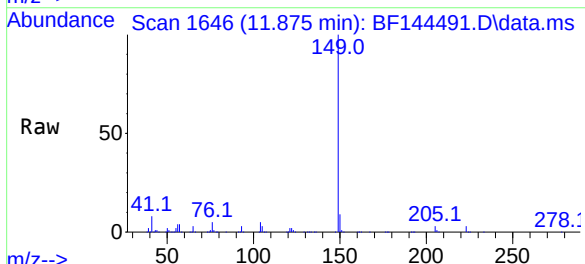
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2025

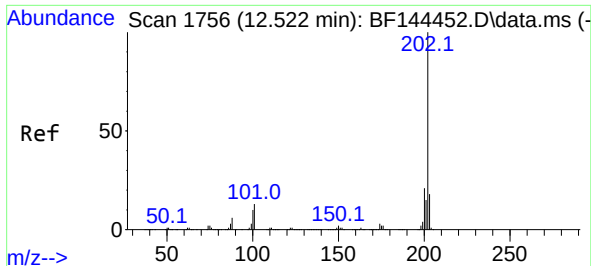
Tgt Ion:167 Resp: 291834
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.2
 139 12.6 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 8.154 ng
 RT: 11.875 min Scan# 1646
 Delta R.T. -0.006 min
 Lab File: BF144491.D
 Acq: 16 Dec 2025 13:15

Tgt Ion:149 Resp: 300457
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.7 3.9 5.9

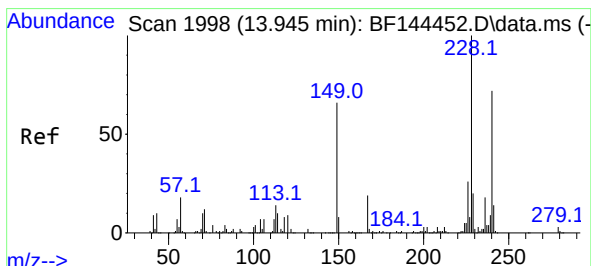
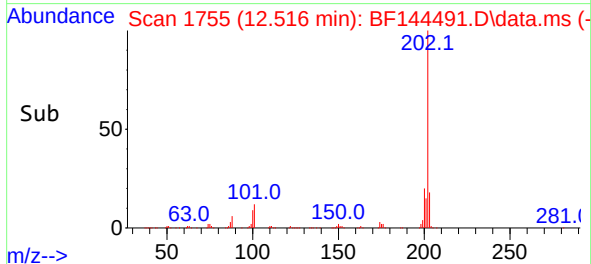
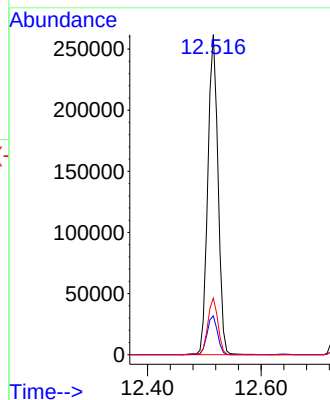
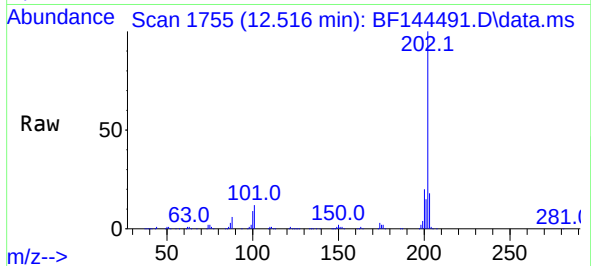




#75
Fluoranthene
Concen: 8.367 ng
RT: 12.516 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

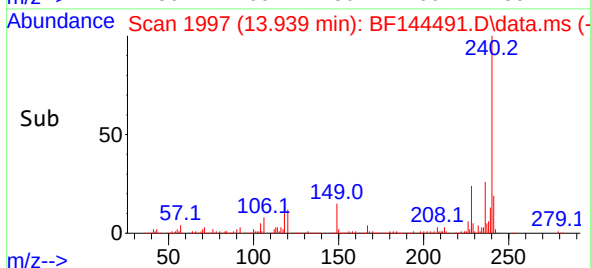
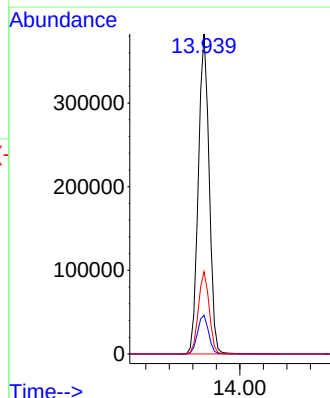
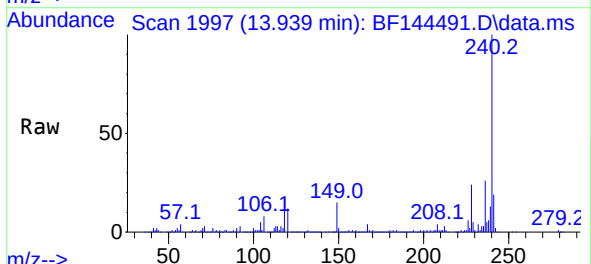
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

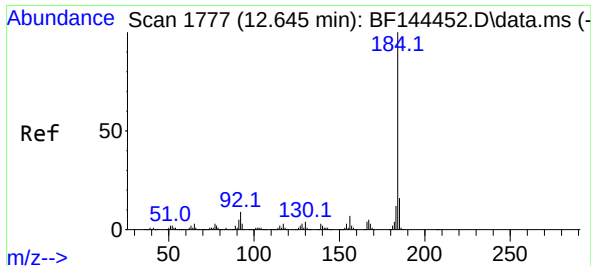
Tgt Ion:202 Resp: 324137
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.9
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:240 Resp: 487549
Ion Ratio Lower Upper
240 100
120 12.1 10.3 15.5
236 25.7 20.2 30.4

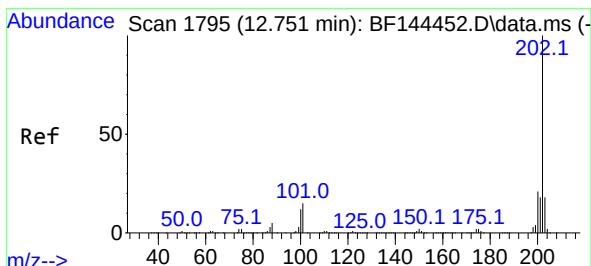
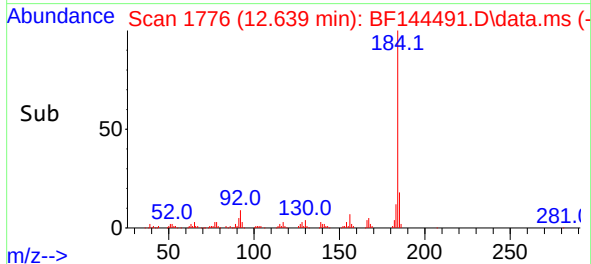
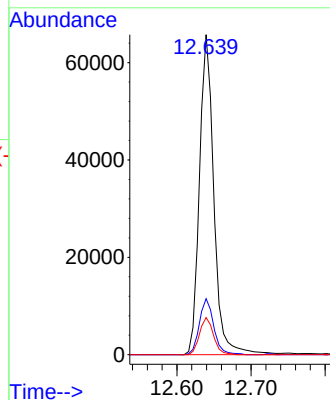
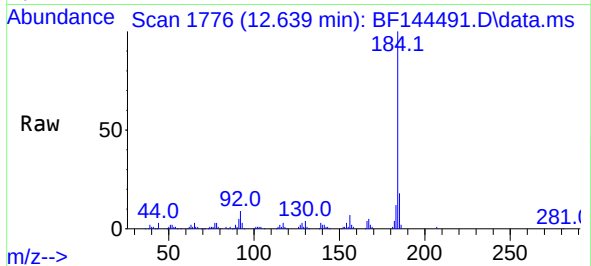




#77
Benzidine
Concen: 5.114 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

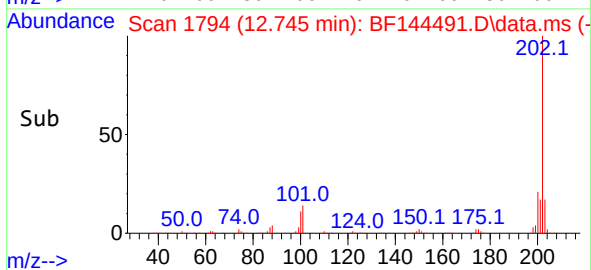
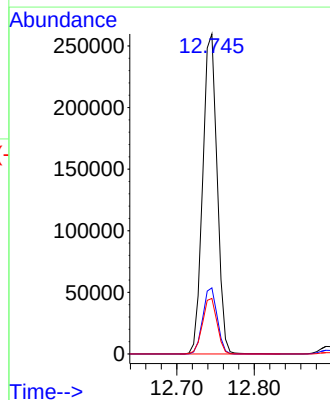
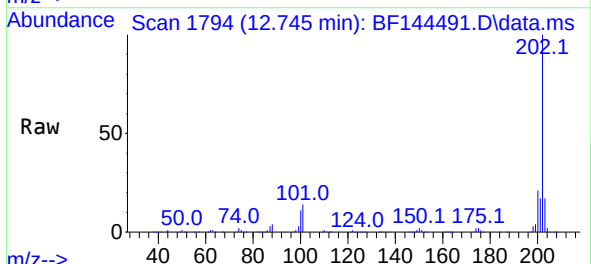
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

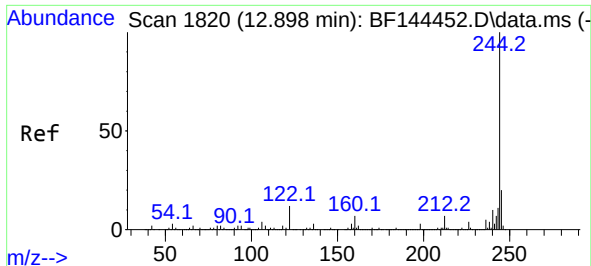
Tgt Ion:184 Resp: 88780
Ion Ratio Lower Upper
184 100
185 17.5 12.6 18.8
183 11.6 9.4 14.0



#78
Pyrene
Concen: 7.498 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:202 Resp: 334937
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.3 14.2 21.4

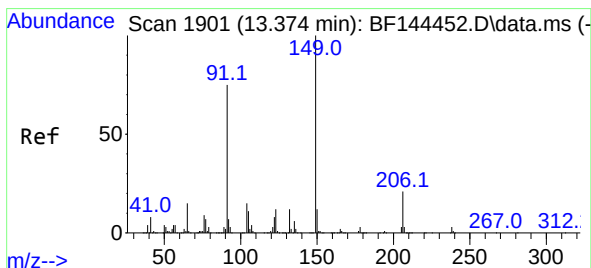
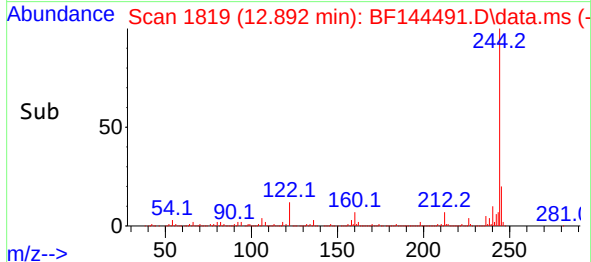
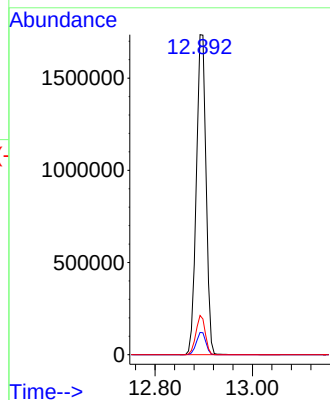
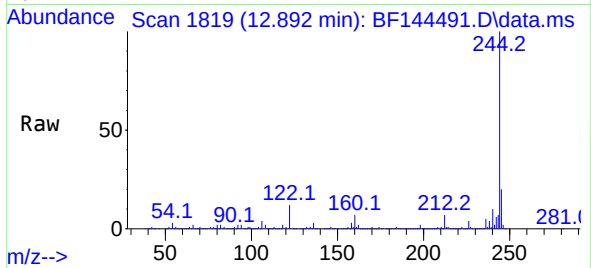




#79
 Terphenyl-d14
 Concen: 77.923 ng
 RT: 12.892 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF144491.D
 Acq: 16 Dec 2025 13:15

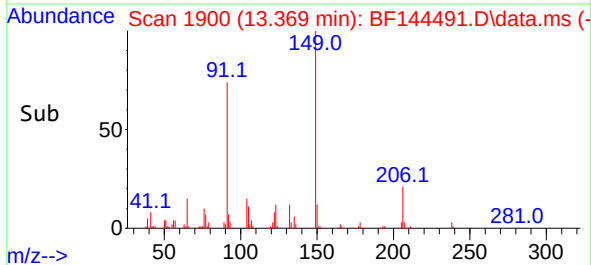
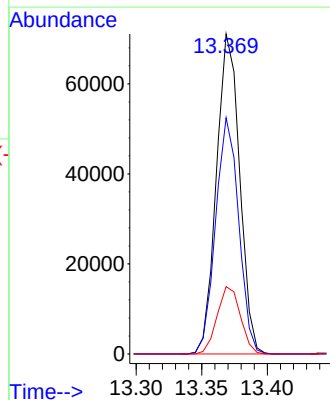
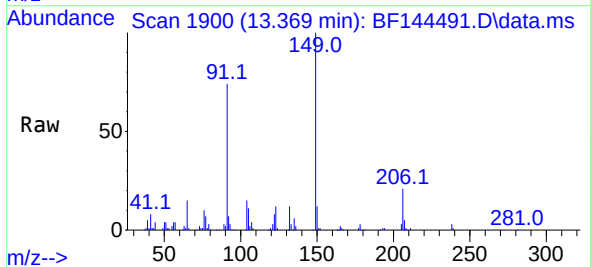
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2025

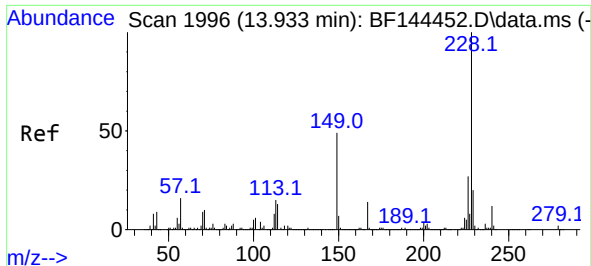
Tgt Ion:244 Resp: 2406349
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 12.3 9.9 14.9



#80
 Butylbenzylphthalate
 Concen: 8.773 ng
 RT: 13.369 min Scan# 1900
 Delta R.T. -0.005 min
 Lab File: BF144491.D
 Acq: 16 Dec 2025 13:15

Tgt Ion:149 Resp: 87448
 Ion Ratio Lower Upper
 149 100
 91 73.8 59.8 89.8
 206 21.1 17.0 25.6

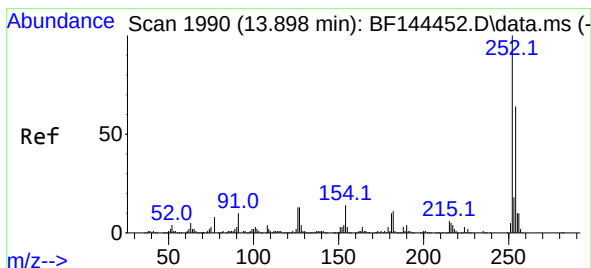
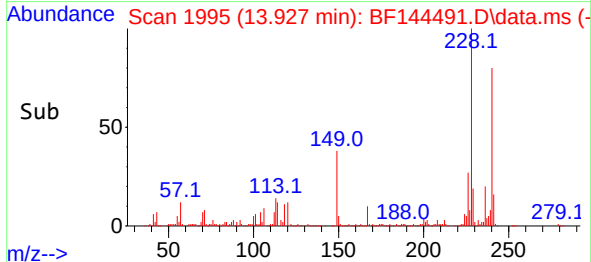
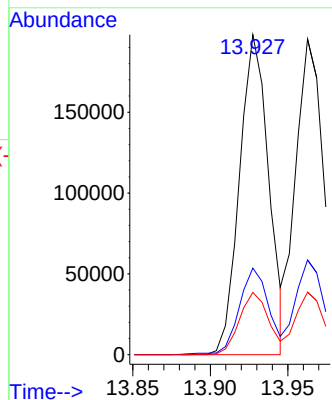
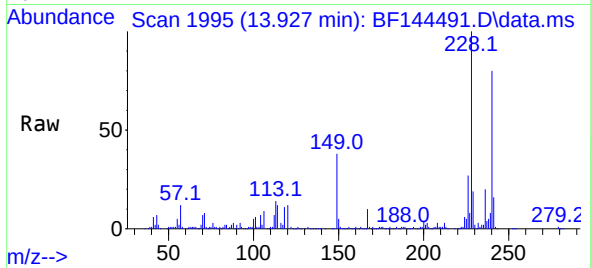




#81
Benzo(a)anthracene
Concen: 7.549 ng
RT: 13.927 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

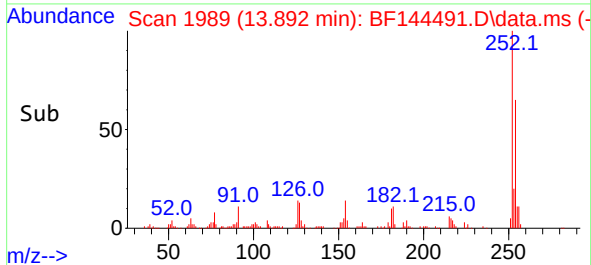
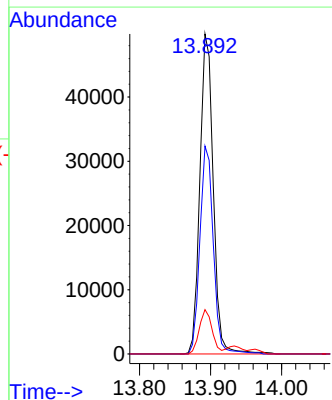
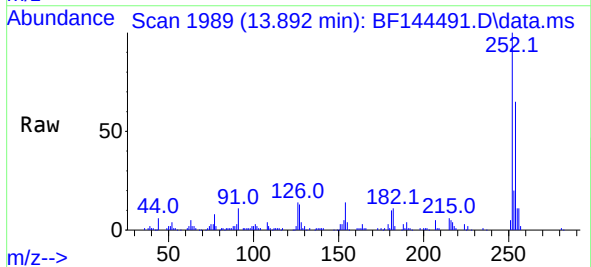
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

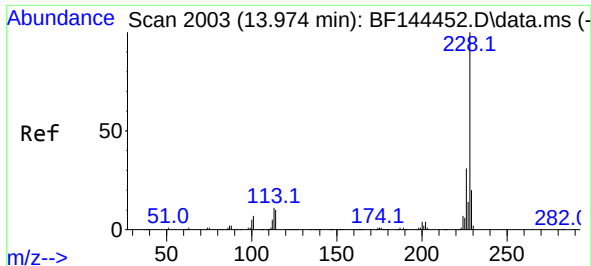
Tgt Ion:228 Resp: 259171
Ion Ratio Lower Upper
228 100
226 27.0 21.9 32.9
229 19.4 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 6.725 ng
RT: 13.892 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:252 Resp: 65429
Ion Ratio Lower Upper
252 100
254 64.9 51.1 76.7
126 13.8 10.4 15.6

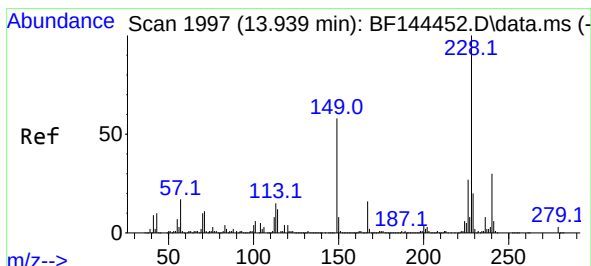
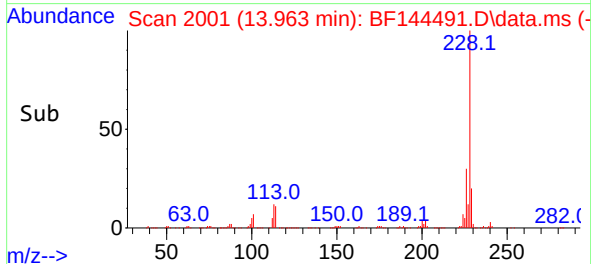
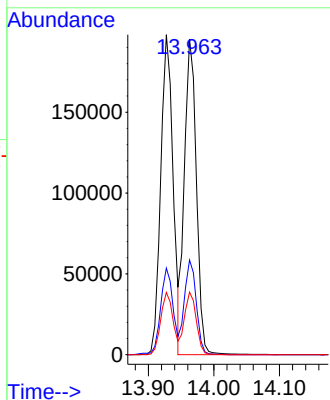
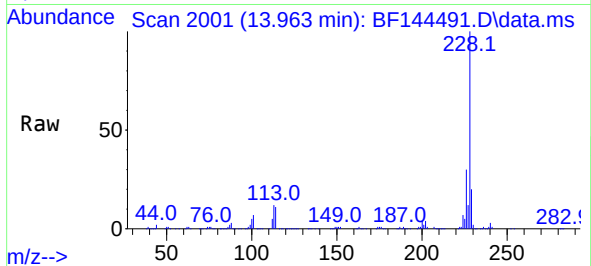




#83
Chrysene
Concen: 7.878 ng
RT: 13.963 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

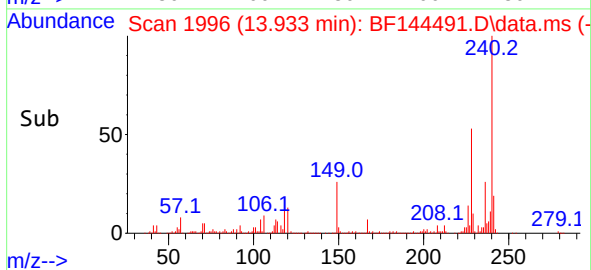
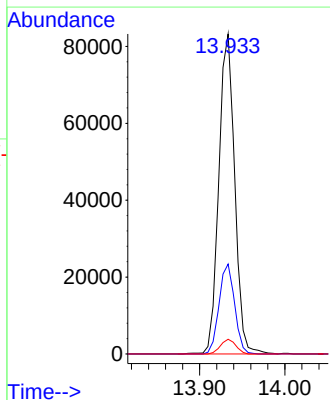
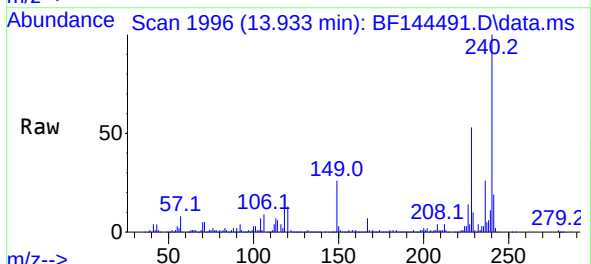
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

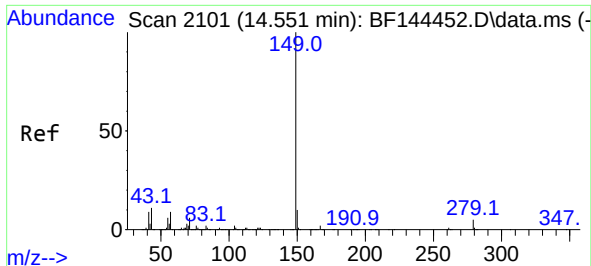
Tgt Ion:228 Resp: 247544
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.8 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.799 ng
RT: 13.933 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:149 Resp: 107893
Ion Ratio Lower Upper
149 100
167 28.1 22.6 34.0
279 4.6 3.7 5.5

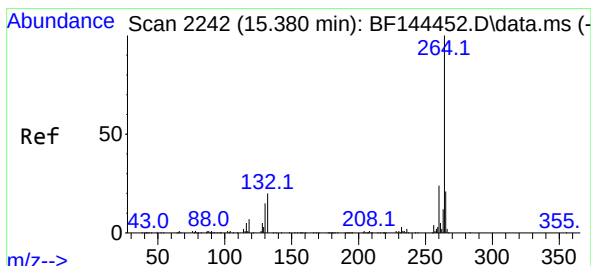
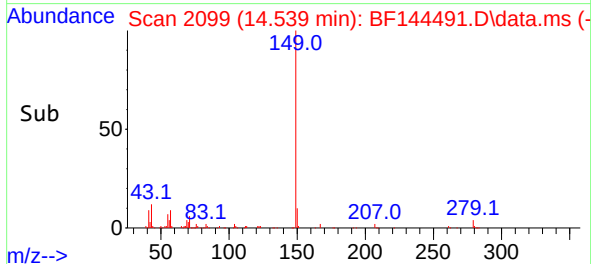
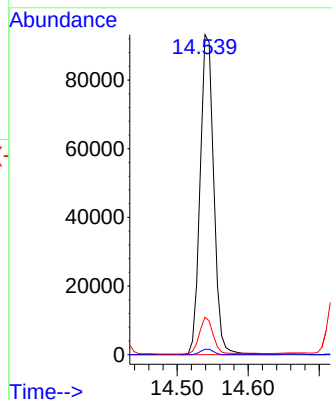
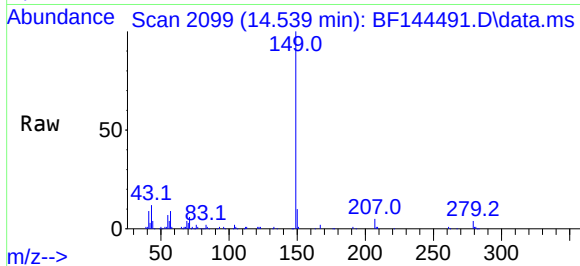




#85
Di-n-octyl phthalate
Concen: 10.589 ng
RT: 14.539 min Scan# 2099
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

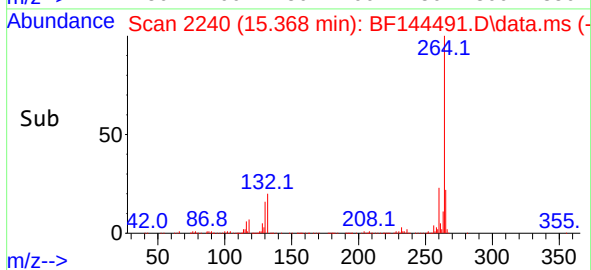
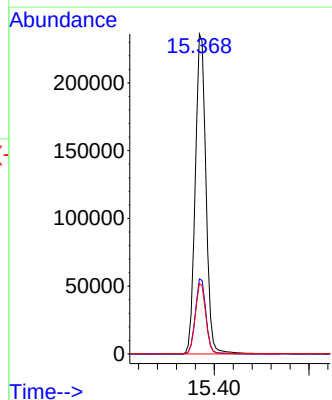
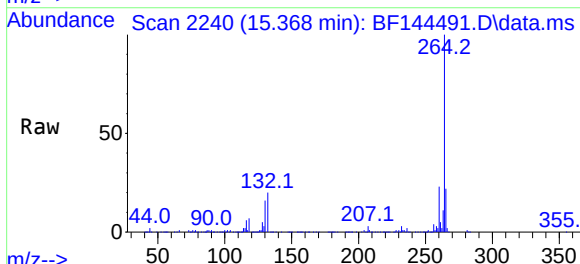
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2025

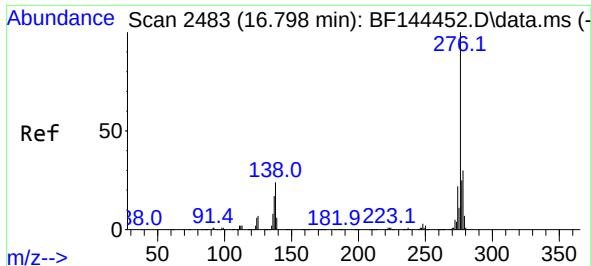
Tgt Ion:149 Resp: 125207
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.368 min Scan# 2240
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:264 Resp: 370430
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 22.0 17.1 25.7

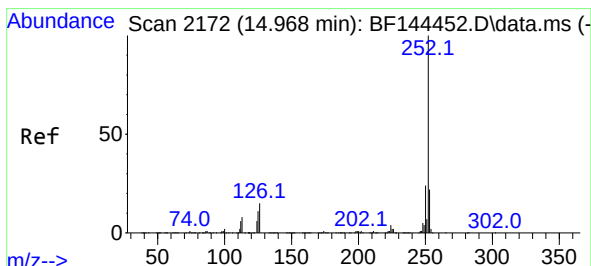
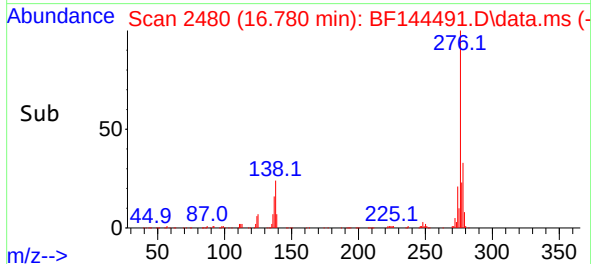
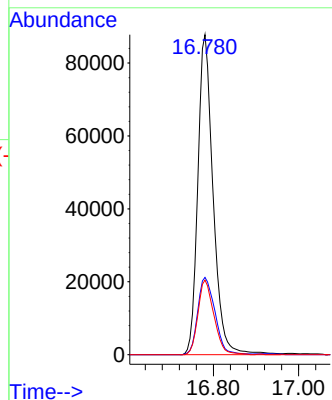
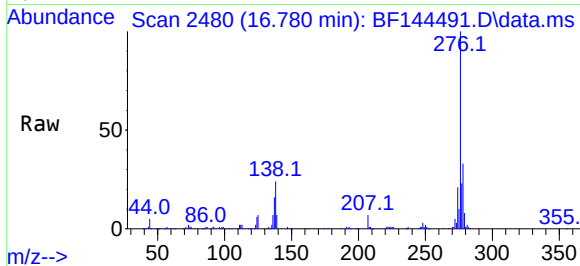




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.235 ng
RT: 16.780 min Scan# 2483
Delta R.T. -0.018 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

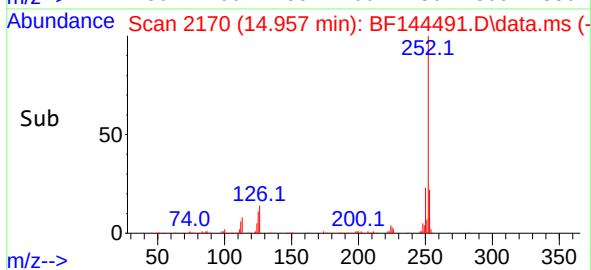
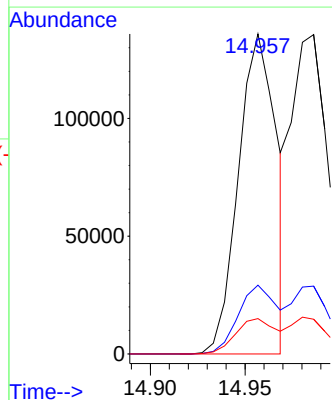
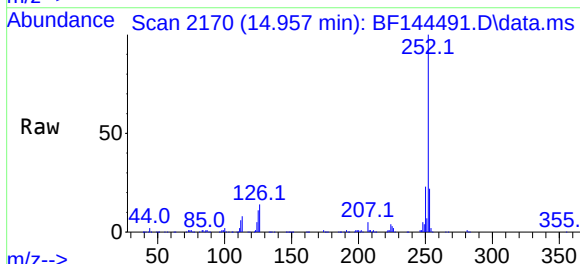
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

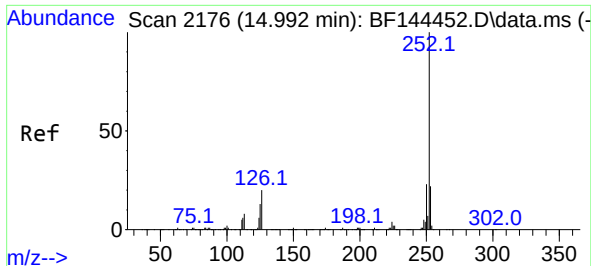
Tgt Ion:276 Resp: 218969
Ion Ratio Lower Upper
276 100
138 27.2 21.9 32.9
277 24.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 7.823 ng
RT: 14.957 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:252 Resp: 190252
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 11.1 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 8.352 ng

RT: 14.986 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BF144491.D

Acq: 16 Dec 2025 13:15

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2025

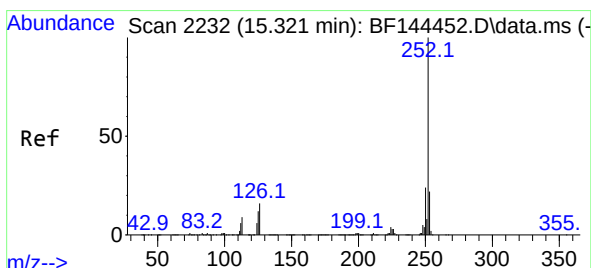
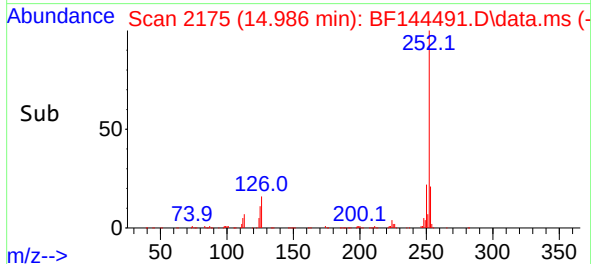
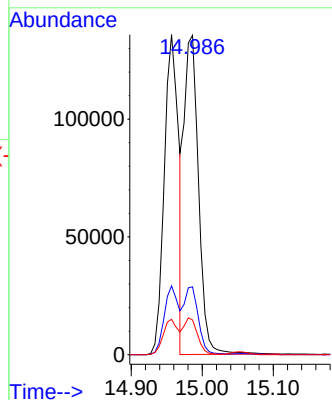
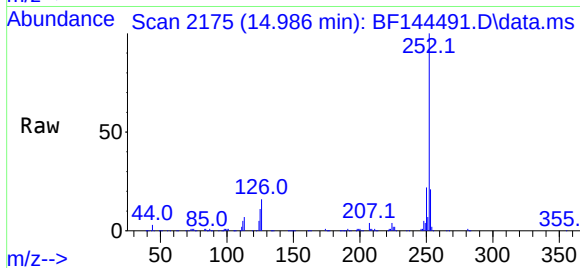
Tgt Ion:252 Resp: 192040

Ion Ratio Lower Upper

252 100

253 21.2 17.7 26.5

125 10.9 9.7 14.5



#90

Benzo(a)pyrene

Concen: 8.023 ng

RT: 15.310 min Scan# 2230

Delta R.T. -0.012 min

Lab File: BF144491.D

Acq: 16 Dec 2025 13:15

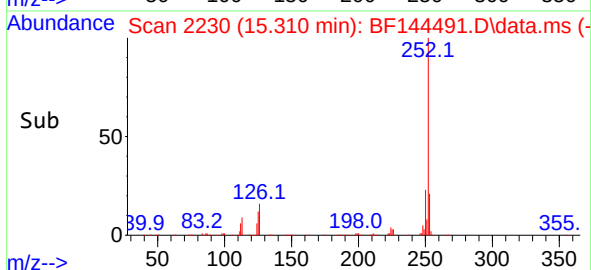
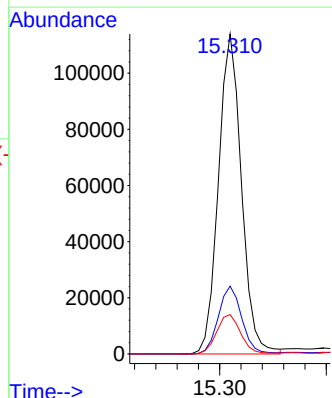
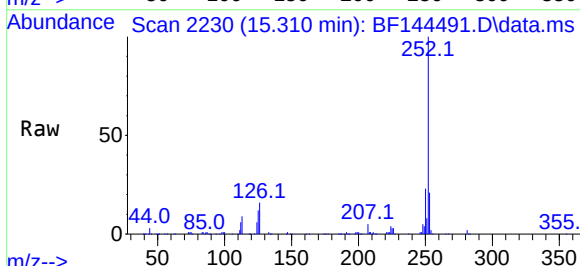
Tgt Ion:252 Resp: 170537

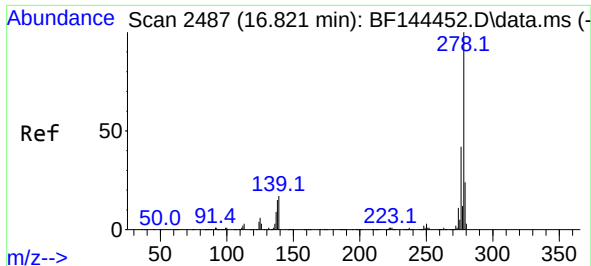
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 12.3 9.9 14.9

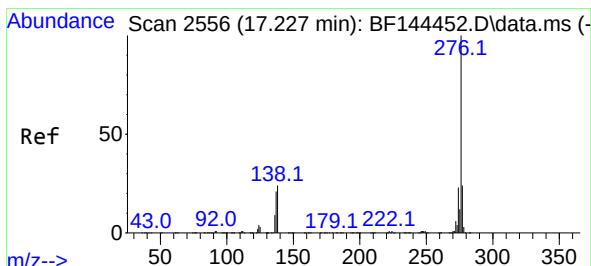
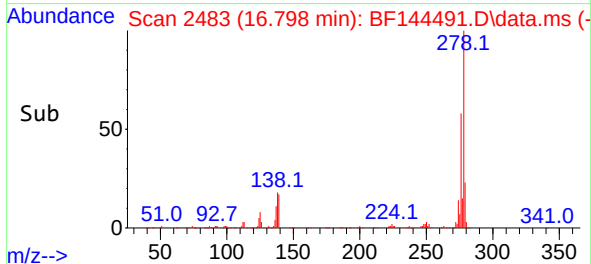
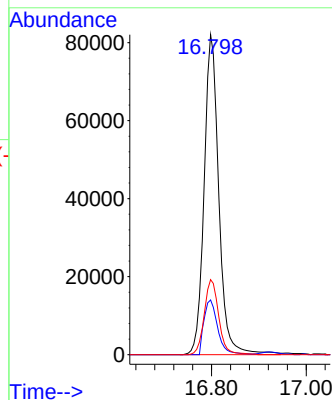
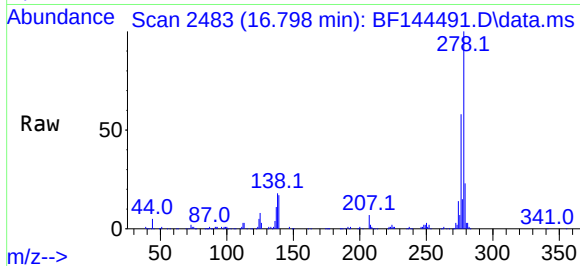




#91
Dibenzo(a,h)anthracene
Concen: 8.254 ng
RT: 16.798 min Scan# 2483
Delta R.T. -0.024 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2025

Tgt Ion:278 Resp: 177229
Ion Ratio Lower Upper
278 100
139 17.1 13.6 20.4
279 23.4 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 8.323 ng
RT: 17.204 min Scan# 2552
Delta R.T. -0.023 min
Lab File: BF144491.D
Acq: 16 Dec 2025 13:15

Tgt Ion:276 Resp: 181713
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 22.7 19.4 29.2

