

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144476.D
 Acq On : 15 Dec 2025 16:08
 Operator : RC/JU
 Sample : Q3530-07
 Misc : LOD-WATER-4NG
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Quant Time: Dec 15 16:28:31 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	6.792	152	203922	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	808152	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	423775	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	705238	20.000	ng	0.00
76) Chrysene-d12	13.939	240	578980	20.000	ng	0.00
86) Perylene-d12	15.374	264	434025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1478131	109.294	ng	0.00
7) Phenol-d6	6.416	99	1868773	110.780	ng	0.00
23) Nitrobenzene-d5	7.357	82	1181808	91.511	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	491212	128.209	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2165522	78.392	ng	0.00
79) Terphenyl-d14	12.898	244	2426952	66.179	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.499	88	25247	3.882	ng	95
3) Pyridine	3.281	79	61119	3.418	ng	98
4) n-Nitrosodimethylamine	3.157	42	26467	3.406	ng	# 95
6) Aniline	6.457	93	90185	3.832	ng	98
8) 2-Chlorophenol	6.575	128	57497	3.965	ng	84
9) Benzaldehyde	6.340	77	47281	3.580	ng	98
10) Phenol	6.428	94	76779	3.856	ng	# 60
11) bis(2-Chloroethyl)ether	6.528	93	54728	3.761	ng	99
12) 1,3-Dichlorobenzene	6.734	146	64316	4.105	ng	98
13) 1,4-Dichlorobenzene	6.810	146	64245	4.087	ng	99
14) 1,2-Dichlorobenzene	6.963	146	61365	4.111	ng	97
15) Benzyl Alcohol	6.928	79	44093	3.546	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	86918	3.539	ng	99
17) 2-Methylphenol	7.034	107	44436	3.636	ng	98
18) Hexachloroethane	7.310	117	20879	3.823	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	38991	3.659	ng	98
20) 3+4-Methylphenols	7.187	107	59062	3.933	ng	# 90
22) Acetophenone	7.198	105	80896	4.036	ng	94
24) Nitrobenzene	7.369	77	62365	4.452	ng	99
25) Isophorone	7.604	82	103416	3.548	ng	98
26) 2-Nitrophenol	7.686	139	19483	6.933	ng	97
27) 2,4-Dimethylphenol	7.722	122	56358	4.053	ng	94
28) bis(2-Chloroethoxy)met...	7.822	93	66089	3.680	ng	99
29) 2,4-Dichlorophenol	7.922	162	43170	3.736	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	52241	4.168	ng	99
31) Naphthalene	8.092	128	171873	3.952	ng	99
32) Benzoic acid	7.757	122	12737	7.855	ng	99
33) 4-Chloroaniline	8.139	127	67397	3.855	ng	98
34) Hexachlorobutadiene	8.216	225	29290	3.780	ng	99
35) Caprolactam	8.463	113	11646	3.052	ng	94
36) 4-Chloro-3-methylphenol	8.610	107	43515	3.469	ng	100
37) 2-Methylnaphthalene	8.786	142	100145	3.500	ng	100
38) 1-Methylnaphthalene	8.886	142	105561	3.788	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	50435	4.182	ng	98
41) Hexachlorocyclopentadiene	8.939	237	23999	3.362	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	28442	3.714	ng	98

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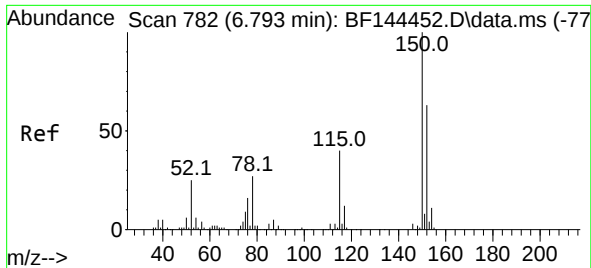
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	28861	3.590	ng	97
46) 1,1'-Biphenyl	9.251	154	139128	4.201	ng	99
47) 2-Chloronaphthalene	9.275	162	103678	4.101	ng	95
48) 2-Nitroaniline	9.363	65	21558	6.381	ng	97
49) Acenaphthylene	9.686	152	159629	3.985	ng	98
50) Dimethylphthalate	9.545	163	109573	3.828	ng	99
51) 2,6-Dinitrotoluene	9.604	165	18138	7.085	ng	96
52) Acenaphthene	9.857	154	100213	4.013	ng	99
53) 3-Nitroaniline	9.769	138	22313	6.265	ng	# 95
54) 2,4-Dinitrophenol	9.875	184	3802	8.504	ng	# 22
55) Dibenzofuran	10.028	168	147715	4.157	ng	97
56) 4-Nitrophenol	9.916	139	15402	3.160	ng	97
57) 2,4-Dinitrotoluene	10.004	165	21325	6.623	ng	95
58) Fluorene	10.369	166	114458	4.254	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	25619	4.198	ng	97
60) Diethylphthalate	10.245	149	100199	3.693	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	54463	4.125	ng	98
62) 4-Nitroaniline	10.375	138	20151	5.531	ng	95
63) Azobenzene	10.528	77	105475	3.679	ng	100
65) 4,6-Dinitro-2-methylph...	10.404	198	6256	8.600	ng	81
66) n-Nitrosodiphenylamine	10.480	169	95385	3.947	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	30857	3.748	ng	98
68) Hexachlorobenzene	10.916	284	35167	3.869	ng	98
69) Atrazine	11.004	200	26953	3.560	ng	99
70) Pentachlorophenol	11.104	266	15474	2.985	ng	98
71) Phenanthrene	11.333	178	170210	4.186	ng	98
72) Anthracene	11.380	178	163786	3.980	ng	99
73) Carbazole	11.533	167	147126	4.118	ng	98
74) Di-n-butylphthalate	11.874	149	128587	3.367	ng	99
75) Fluoranthene	12.516	202	161209	4.015	ng	99
77) Benzidine	12.639	184	63461	3.078	ng	97
78) Pyrene	12.745	202	174274	3.285	ng	98
80) Butylbenzylphthalate	13.368	149	36040	5.172	ng	100
81) Benzo(a)anthracene	13.927	228	141722	3.476	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	32297	2.795	ng	100
83) Chrysene	13.963	228	141494	3.792	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	46615	5.050	ng	98
85) Di-n-octyl phthalate	14.545	149	43243	7.691	ng	96
87) Indeno(1,2,3-cd)pyrene	16.780	276	83894	2.693	ng	99
88) Benzo(b)fluoranthene	14.957	252	97531	3.423	ng	99
89) Benzo(k)fluoranthene	14.986	252	109413	4.061	ng	97
90) Benzo(a)pyrene	15.310	252	83053	3.335	ng	99
91) Dibenzo(a,h)anthracene	16.798	278	70535	2.804	ng	98
92) Benzo(g,h,i)perylene	17.204	276	72482	2.833	ng	97

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

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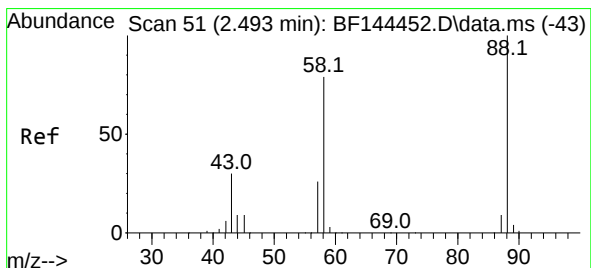
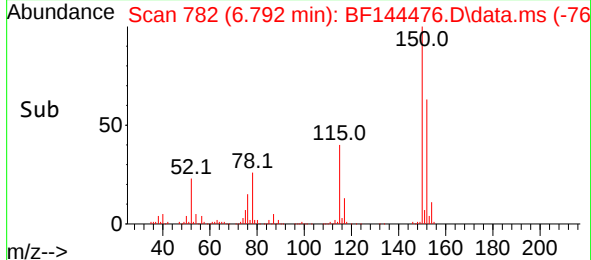
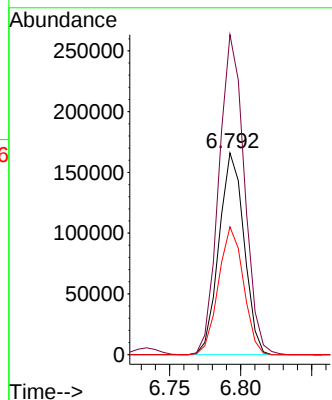
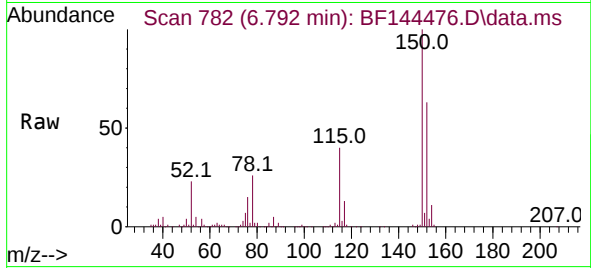




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 782
 Delta R.T. -0.001 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

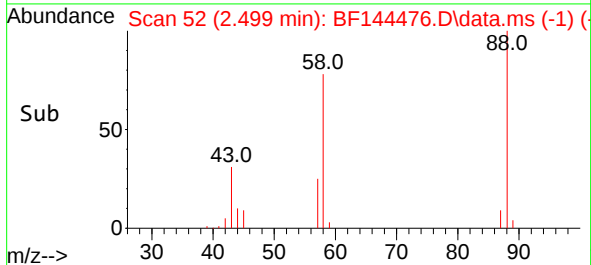
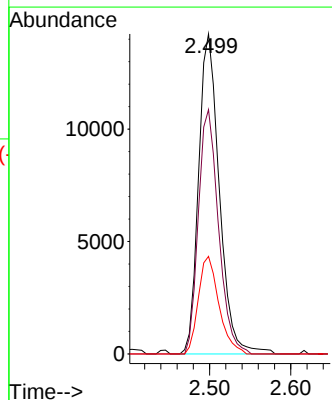
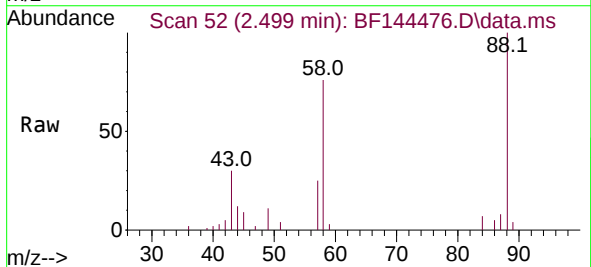
Instrument :
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 LOD-MDL-WATER-01-QT4-2025

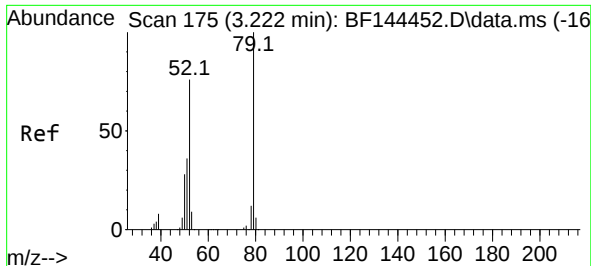
Tgt Ion:152 Resp: 203922
 Ion Ratio Lower Upper
 152 100
 150 158.7 127.4 191.2
 115 63.3 51.4 77.0



#2
 1,4-Dioxane
 Concen: 3.882 ng
 RT: 2.499 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

Tgt Ion: 88 Resp: 25247
 Ion Ratio Lower Upper
 88 100
 58 74.2 63.9 95.9
 43 30.3 24.2 36.4





#3

Pyridine

Concen: 3.418 ng

RT: 3.281 min Scan# 185

Delta R.T. 0.059 min

Lab File: BF144476.D

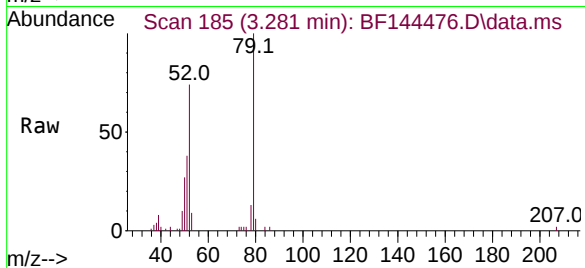
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Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



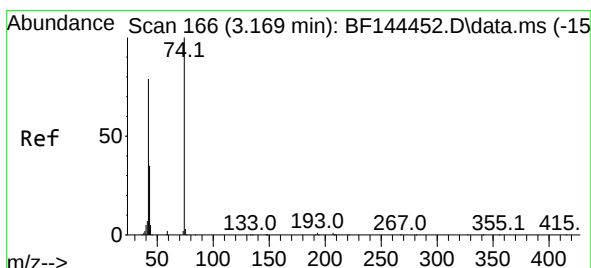
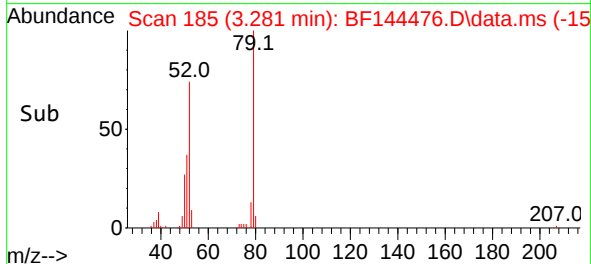
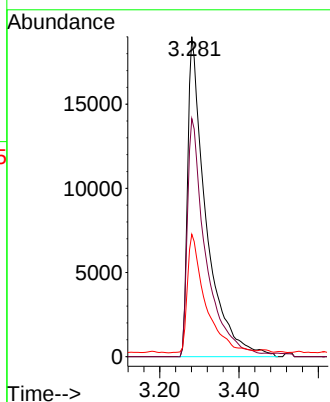
Tgt Ion: 79 Resp: 61119

Ion Ratio Lower Upper

79 100

52 74.4 60.5 90.7

51 38.2 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 3.406 ng

RT: 3.157 min Scan# 164

Delta R.T. -0.012 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

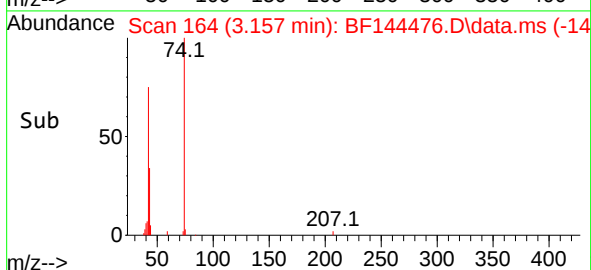
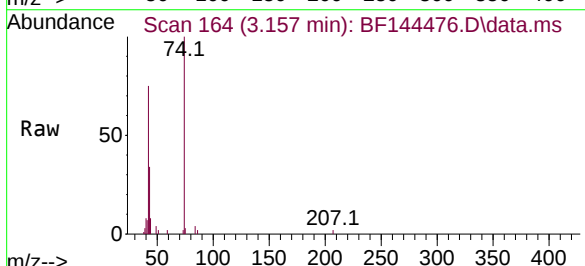
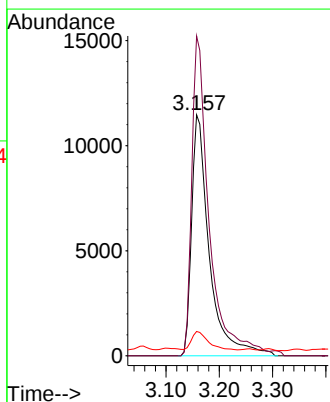
Tgt Ion: 42 Resp: 26467

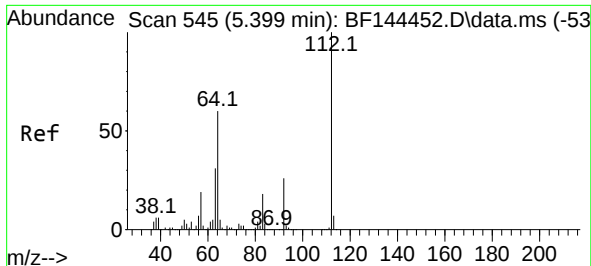
Ion Ratio Lower Upper

42 100

74 132.7 101.8 152.8

44 10.1 5.7 8.5

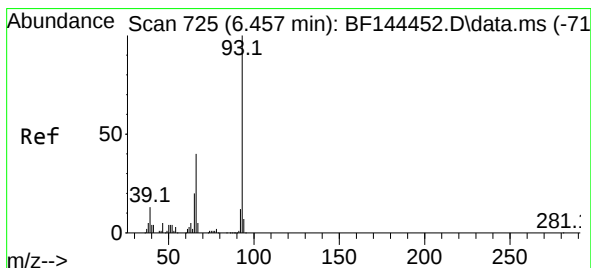
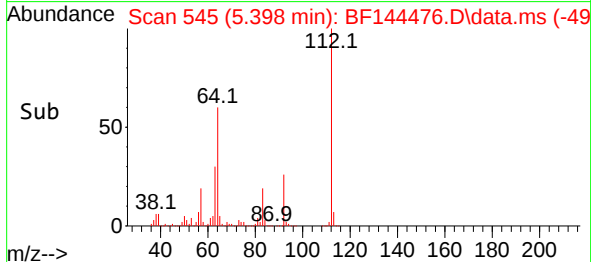
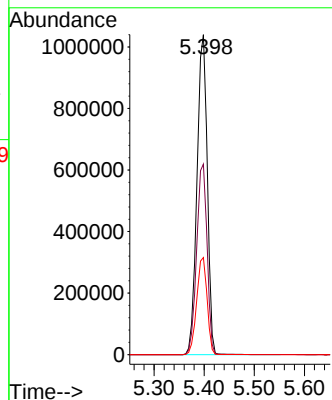
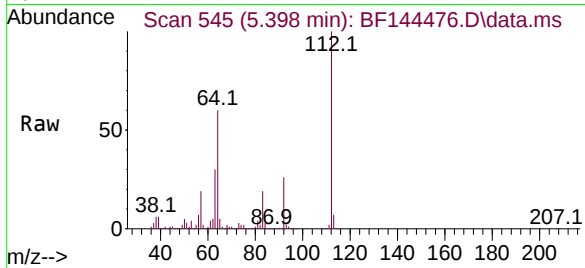




#5
2-Fluorophenol
Concen: 109.294 ng
RT: 5.398 min Scan# 54
Delta R.T. -0.000 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

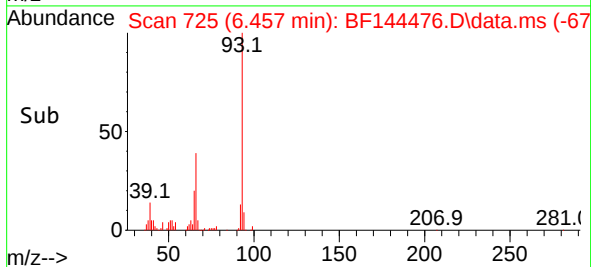
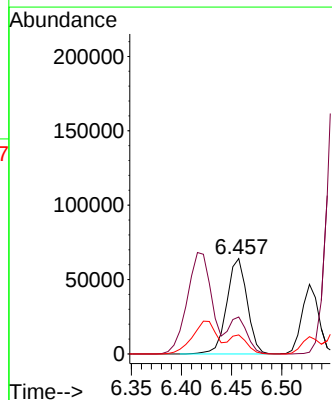
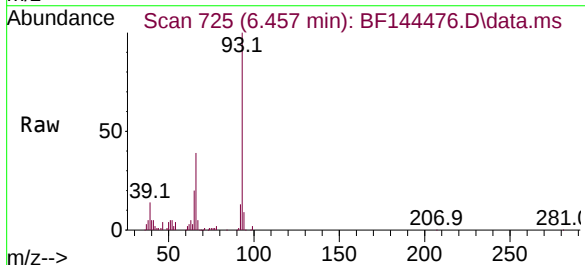
Instrument :
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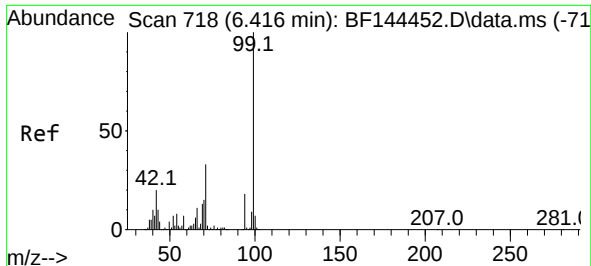
Tgt Ion:112 Resp: 1478131
Ion Ratio Lower Upper
112 100
64 59.5 47.8 71.6
63 30.3 24.6 37.0



#6
Aniline
Concen: 3.832 ng
RT: 6.457 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

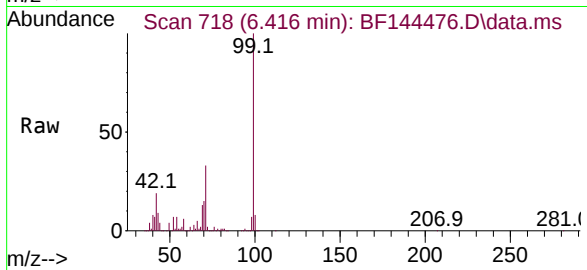
Tgt Ion: 93 Resp: 90185
Ion Ratio Lower Upper
93 100
66 38.7 32.4 48.6
65 20.0 16.1 24.1





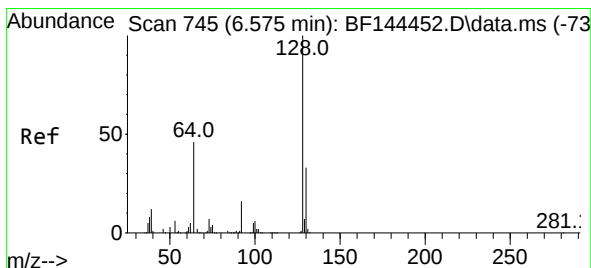
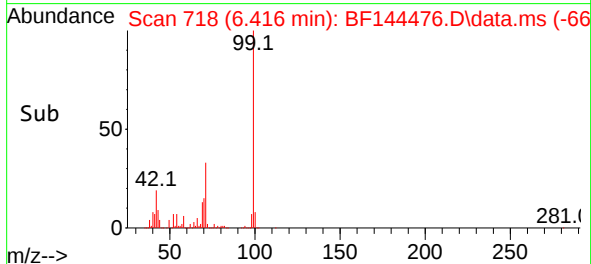
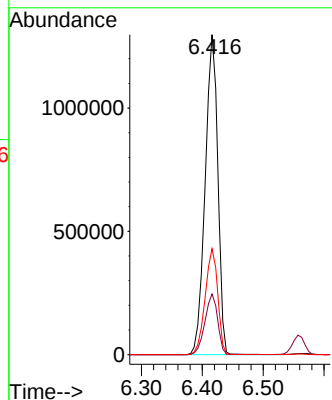
#7
Phenol-d6
Concen: 110.780 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 99 Resp: 1868773

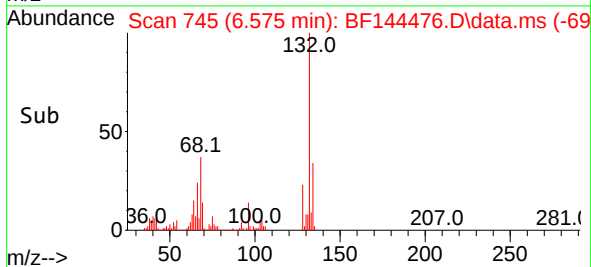
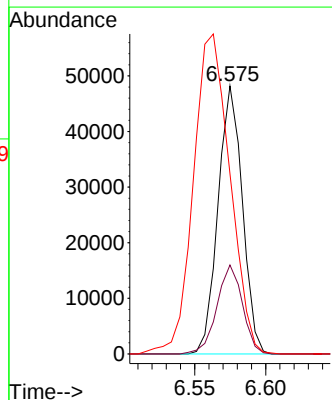
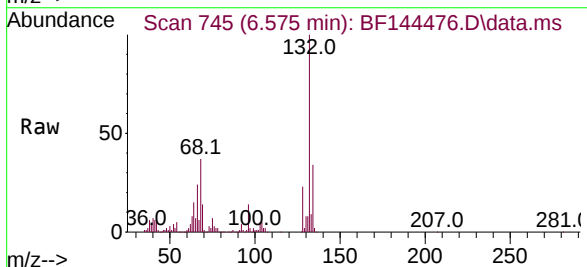
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.7	23.5
71	33.1	26.4	39.6

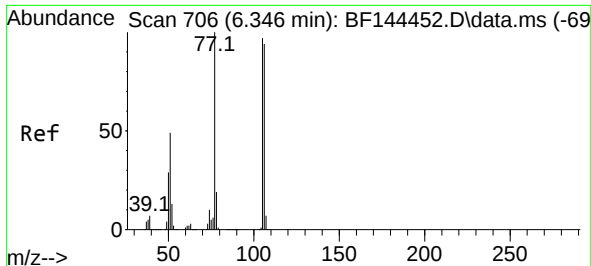


#8
2-Chlorophenol
Concen: 3.965 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:128 Resp: 57497

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	67.3	28.9	68.9

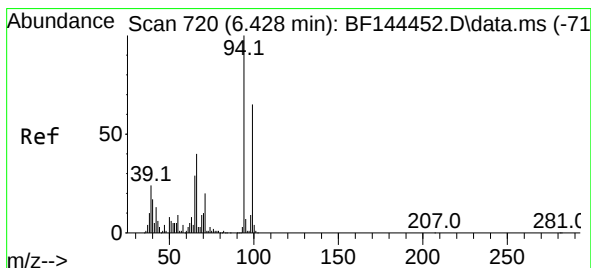
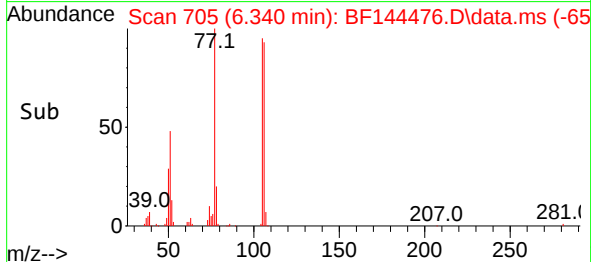
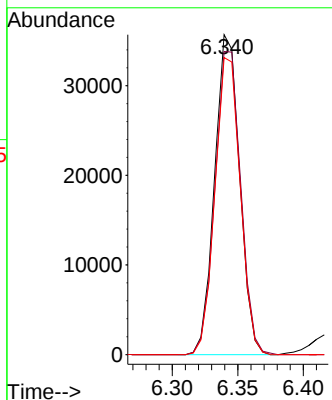
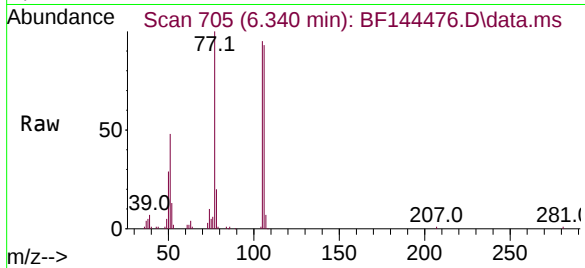




#9
Benzaldehyde
Concen: 3.580 ng
RT: 6.340 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

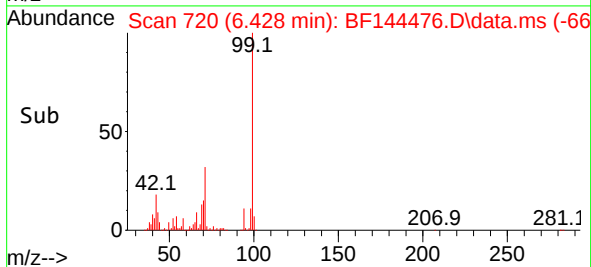
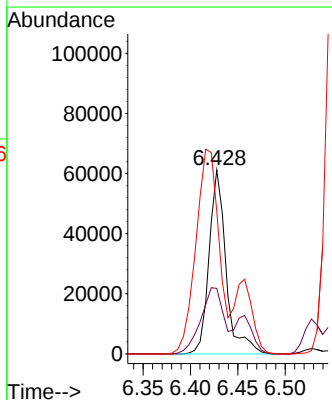
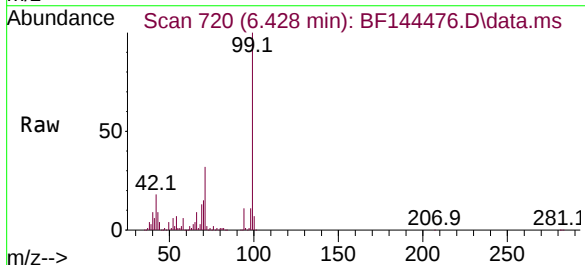
Instrument :
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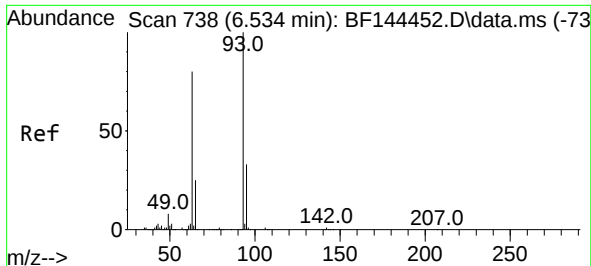
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Ion Ratio Lower Upper
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105 94.7 77.0 117.0
106 92.8 74.1 114.1



#10
Phenol
Concen: 3.856 ng
RT: 6.428 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion: 94 Resp: 76779
Ion Ratio Lower Upper
94 100
65 35.7 9.1 49.1
66 77.6 20.3 60.3#

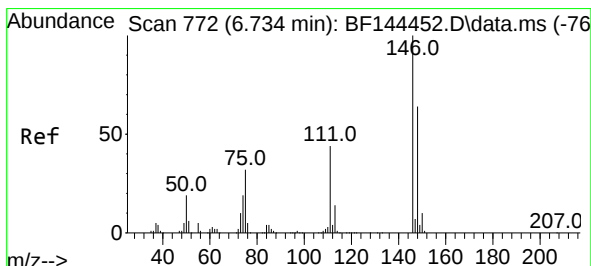
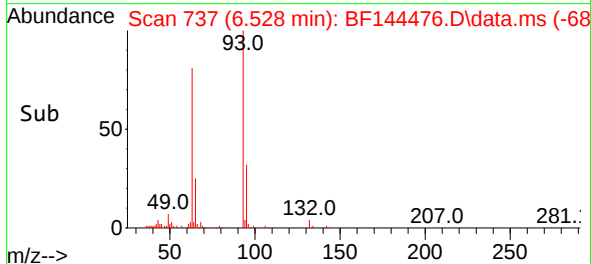
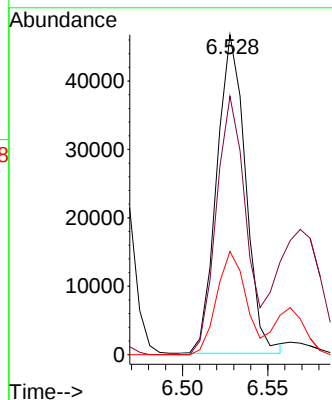
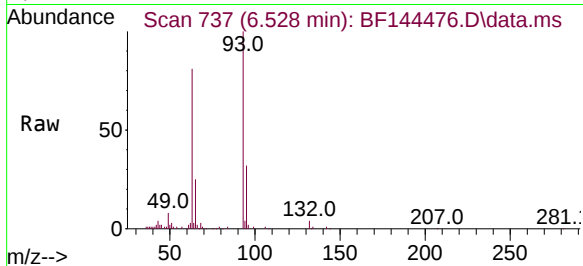




#11
 bis(2-Chloroethyl)ether
 Concen: 3.761 ng
 RT: 6.528 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

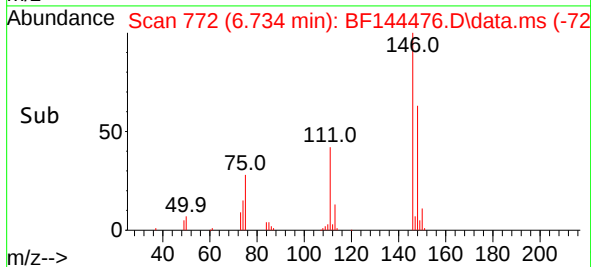
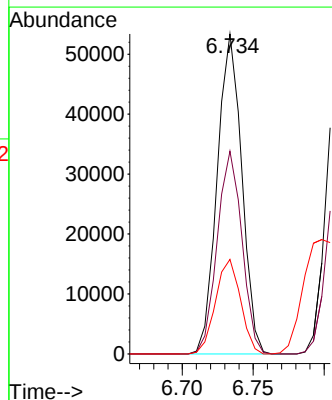
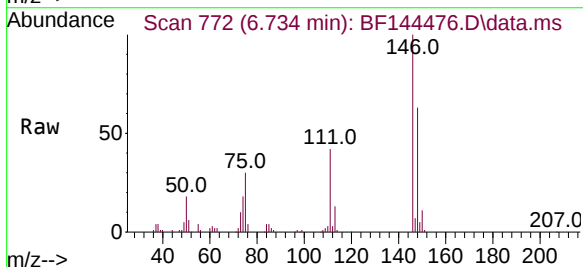
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

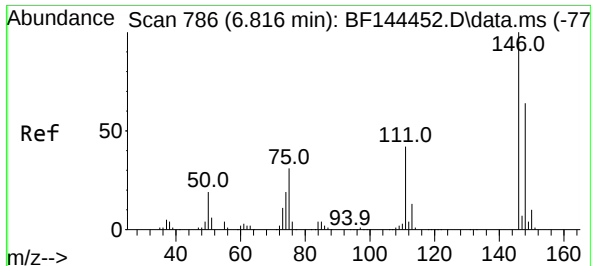
Tgt Ion:	93	Resp:	54728
Ion	Ratio	Lower	Upper
93	100		
63	80.7	59.8	99.8
95	32.3	13.0	53.0



#12
 1,3-Dichlorobenzene
 Concen: 4.105 ng
 RT: 6.734 min Scan# 772
 Delta R.T. -0.000 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

Tgt Ion:	146	Resp:	64316
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.6
75	29.6	25.8	38.8

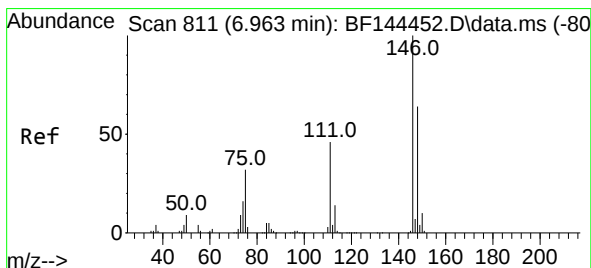
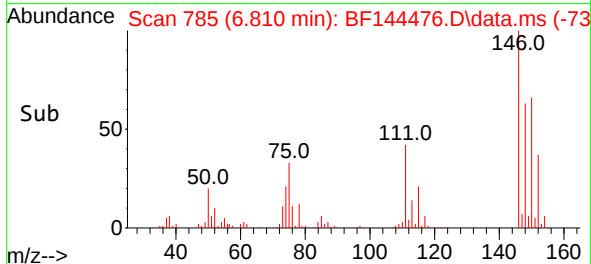
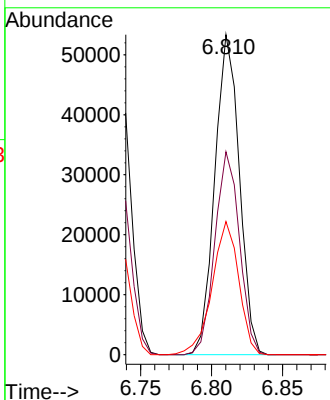
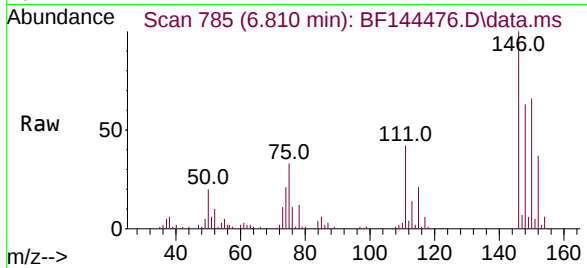




#13
1,4-Dichlorobenzene
Concen: 4.087 ng
RT: 6.810 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

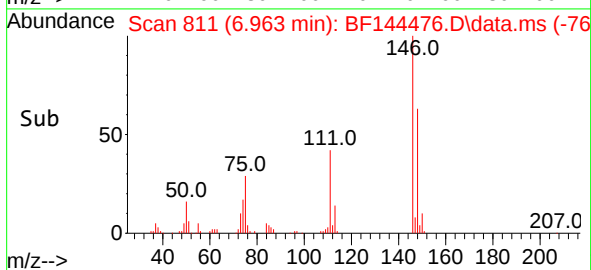
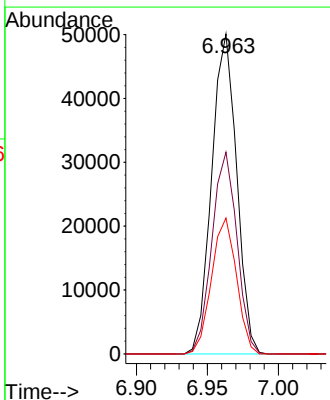
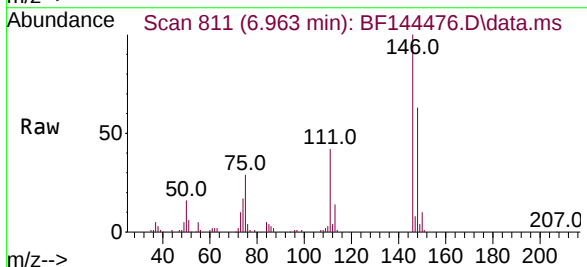
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

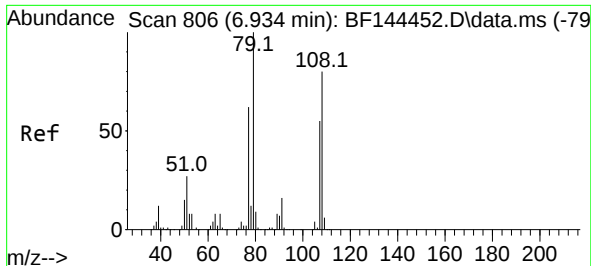
Tgt Ion:146 Resp: 64245
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
111 41.6 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 4.111 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:146 Resp: 61365
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
111 42.4 36.5 54.7

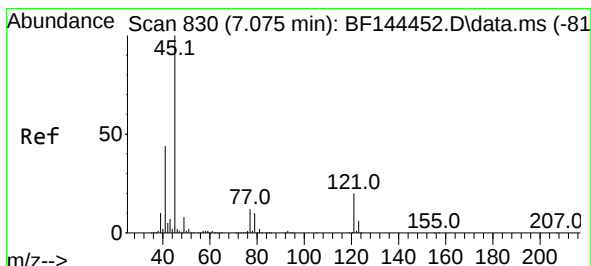
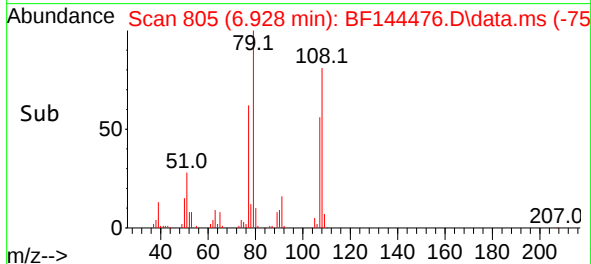
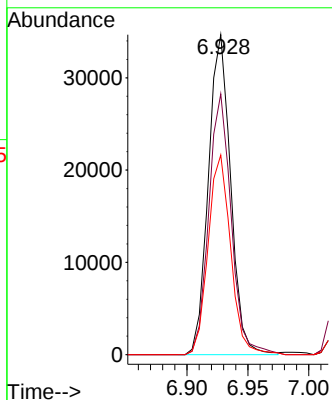
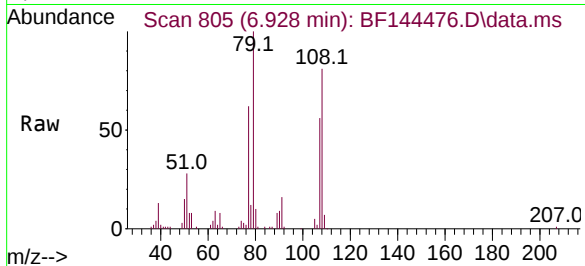




#15
Benzyl Alcohol
Concen: 3.546 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

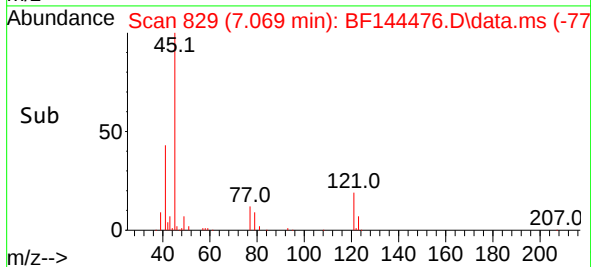
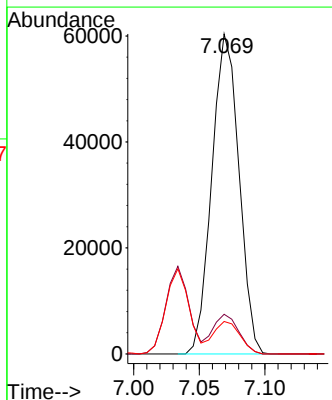
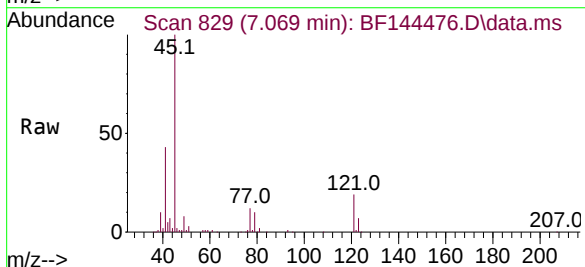
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

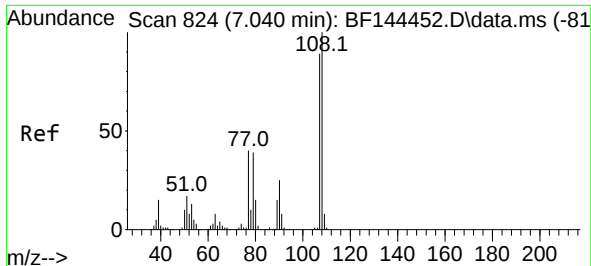
Tgt Ion:	79	Resp:	44093
Ion	Ratio	Lower	Upper
79	100		
108	81.5	63.7	95.5
77	62.4	49.3	73.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 3.539 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:	45	Resp:	86918
Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	32.6
79	10.1	0.0	29.9

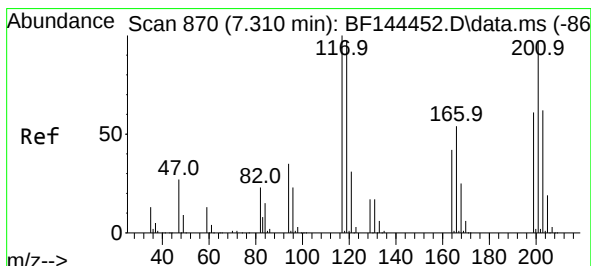
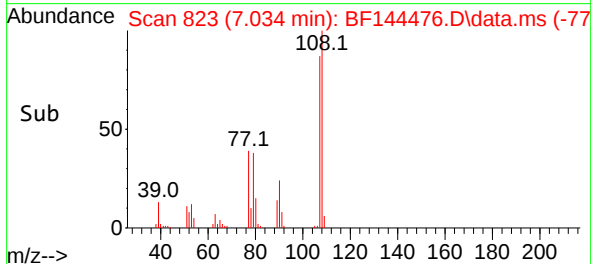
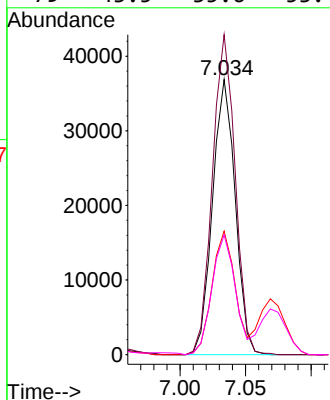
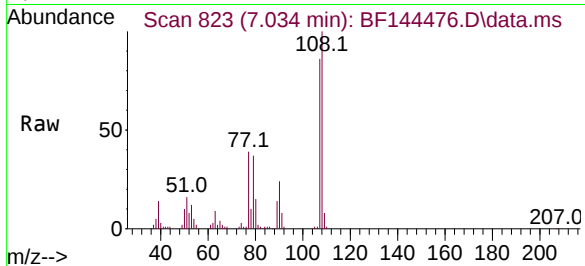




#17
2-Methylphenol
Concen: 3.636 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

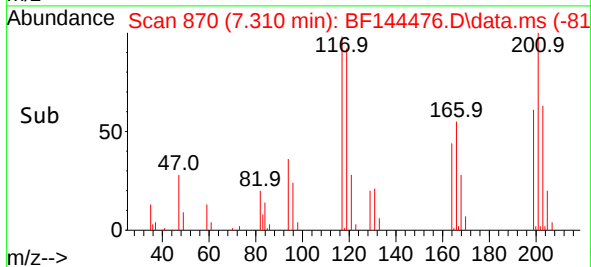
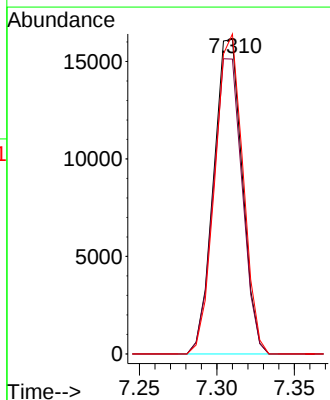
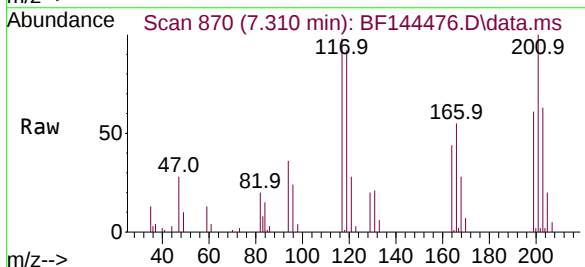
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

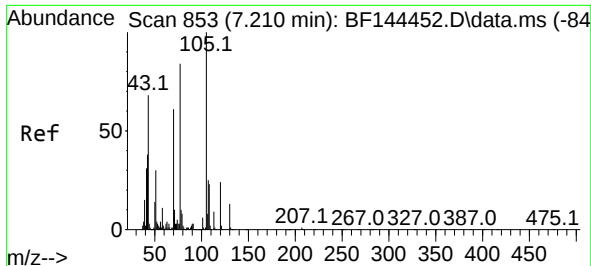
Tgt Ion:	107	Resp:	44436
Ion	Ratio	Lower	Upper
107	100		
108	116.3	89.9	134.9
77	44.9	35.7	53.5
79	43.5	35.6	53.4



#18
Hexachloroethane
Concen: 3.823 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:	117	Resp:	20879
Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.5	116.3
201	101.8	77.3	115.9

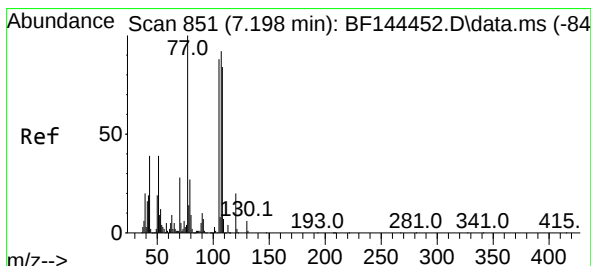
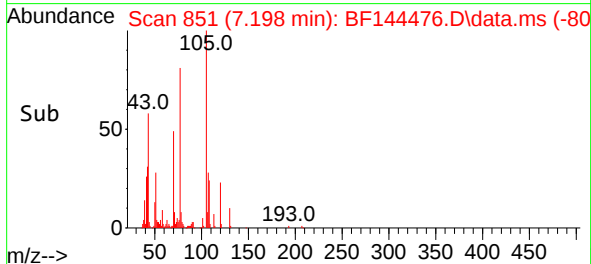
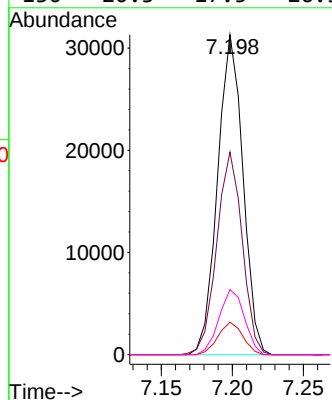
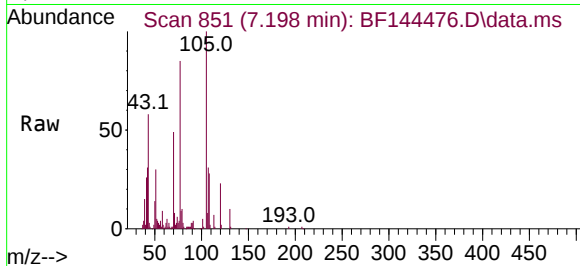




#19
n-Nitroso-di-n-propylamine
Concen: 3.659 ng
RT: 7.198 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

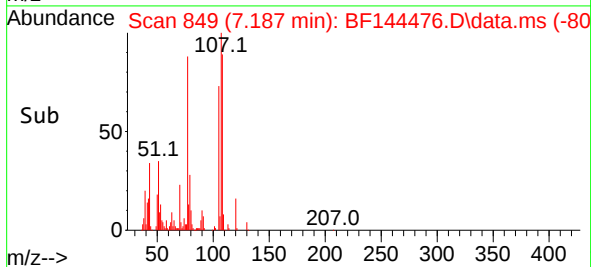
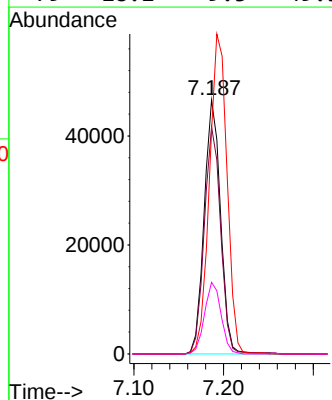
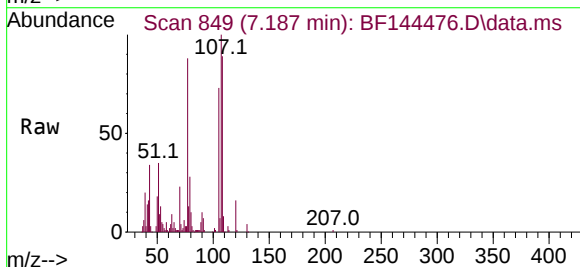
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

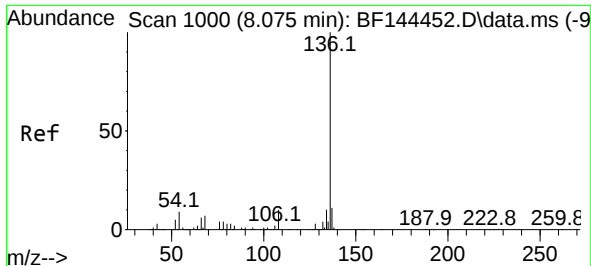
Tgt Ion:	70	Resp:	38991
Ion	Ratio	Lower	Upper
70	100		
42	63.3	49.4	74.0
101	10.1	7.8	11.6
130	20.3	17.5	26.3



#20
3+4-Methylphenols
Concen: 3.933 ng
RT: 7.187 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:	107	Resp:	59062
Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.5	111.5
77	87.9	88.5	128.5#
79	28.2	9.3	49.3

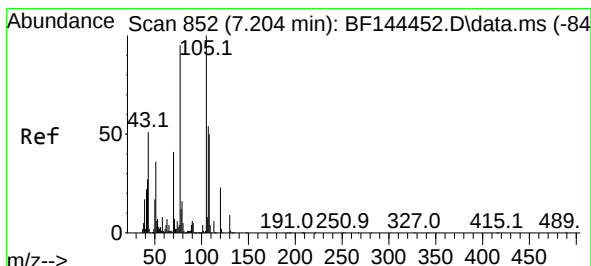
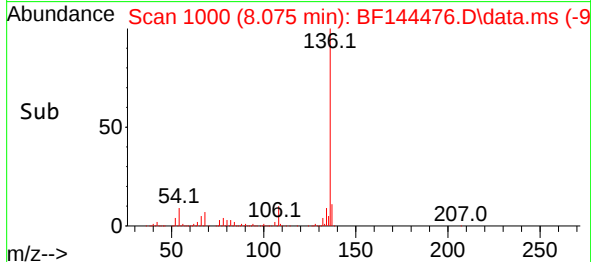
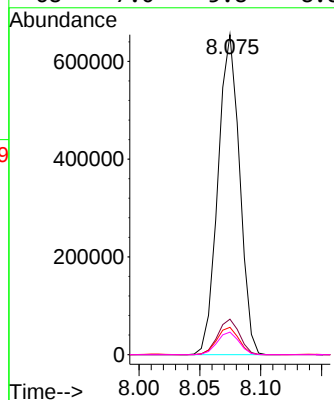
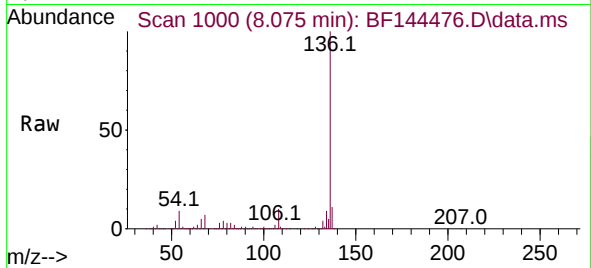




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

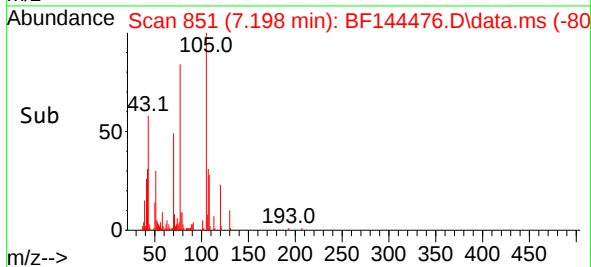
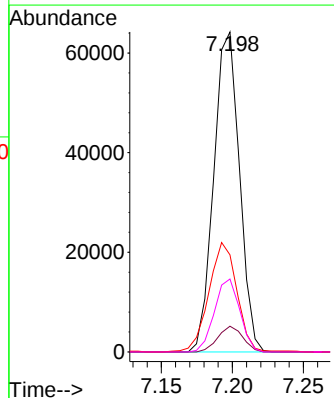
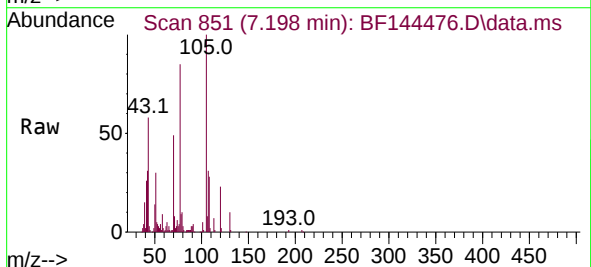
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

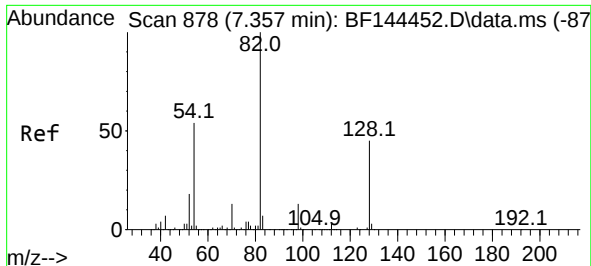
Tgt Ion:136	Resp: 808152
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 8.5	7.5 11.3
68 7.0	5.8 8.8



#22
Acetophenone
Concen: 4.036 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:105	Resp: 80896
Ion Ratio	Lower Upper
105 100	
71 8.0	5.6 8.4
51 30.3	28.6 42.8
120 22.8	18.6 27.8

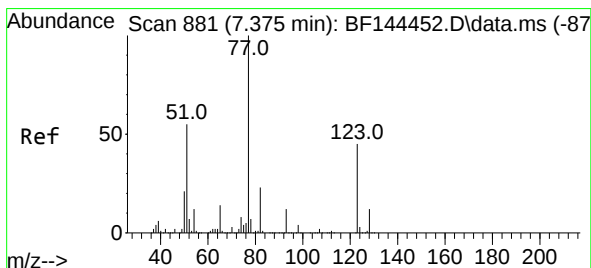
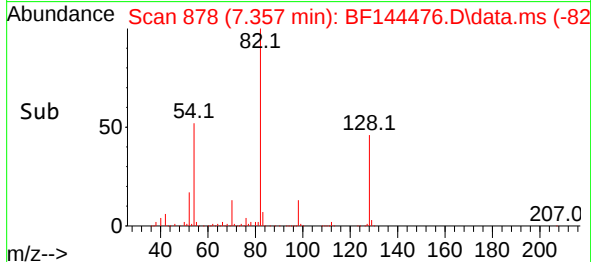
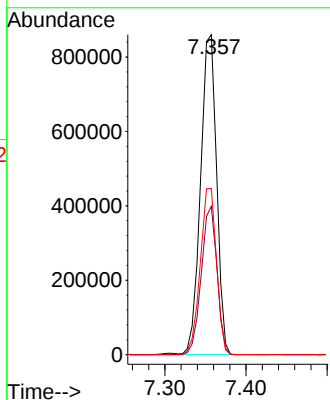
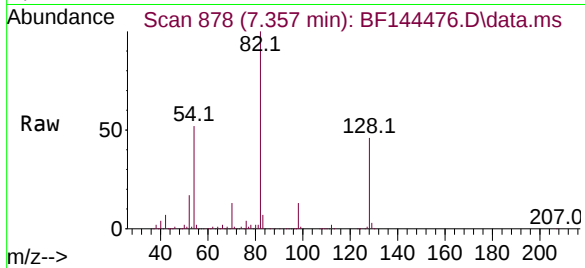




#23
Nitrobenzene-d5
Concen: 91.511 ng
RT: 7.357 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

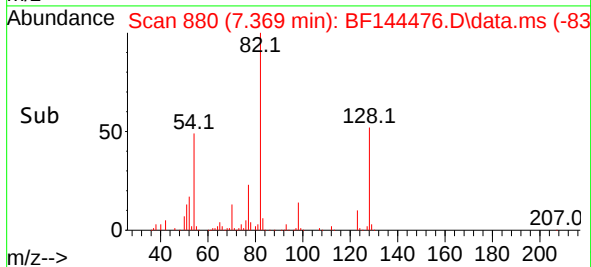
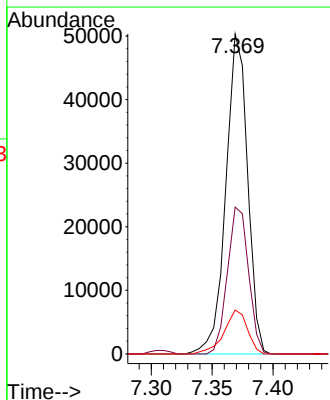
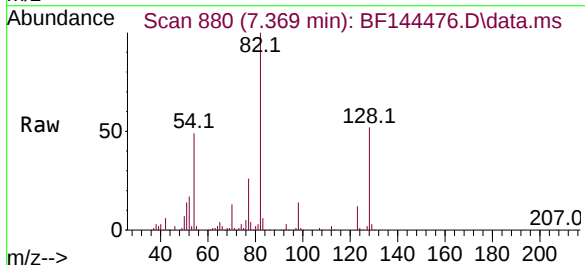
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

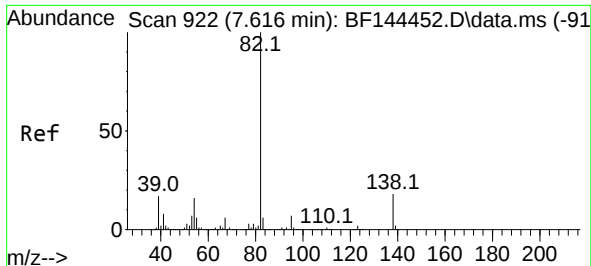
Tgt Ion: 82 Resp: 1181808
Ion Ratio Lower Upper
82 100
128 46.3 35.5 53.3
54 51.9 43.3 64.9



#24
Nitrobenzene
Concen: 4.452 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion: 77 Resp: 62365
Ion Ratio Lower Upper
77 100
123 45.9 36.2 54.2
65 13.8 11.0 16.6

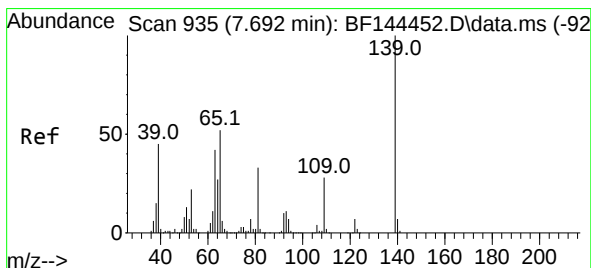
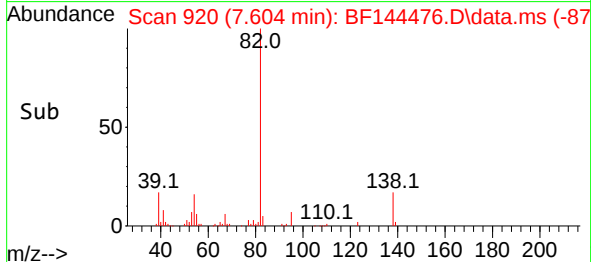
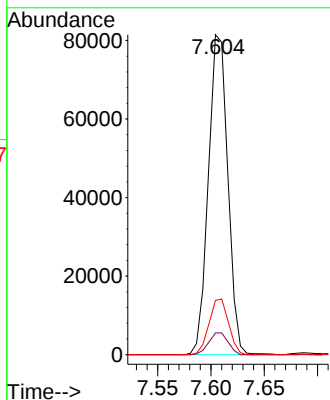
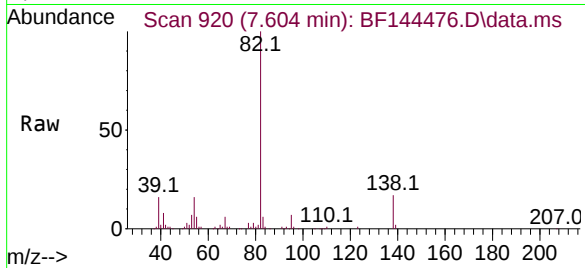




#25
Isophorone
Concen: 3.548 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

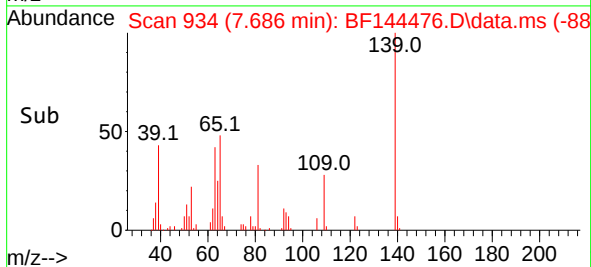
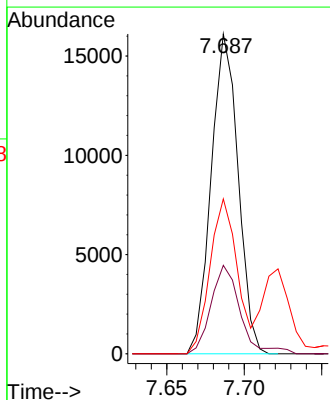
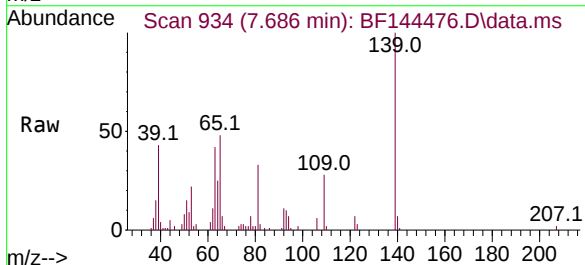
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

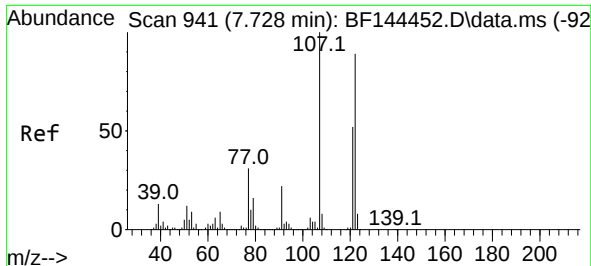
Tgt Ion: 82 Resp: 103416
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 16.9 14.4 21.6



#26
2-Nitrophenol
Concen: 6.933 ng
RT: 7.686 min Scan# 934
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:139 Resp: 19483
Ion Ratio Lower Upper
139 100
109 27.7 22.1 33.1
65 48.4 41.5 62.3





#27

2,4-Dimethylphenol

Concen: 4.053 ng

RT: 7.722 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF144476.D

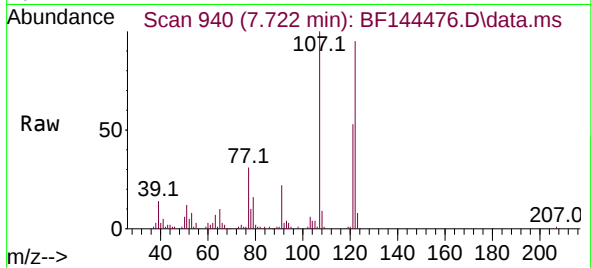
Acq: 15 Dec 2025 16:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



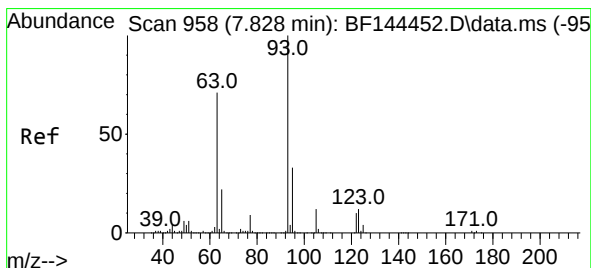
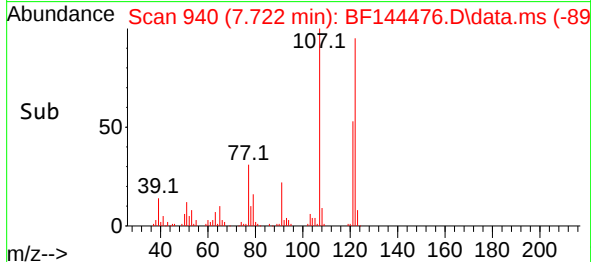
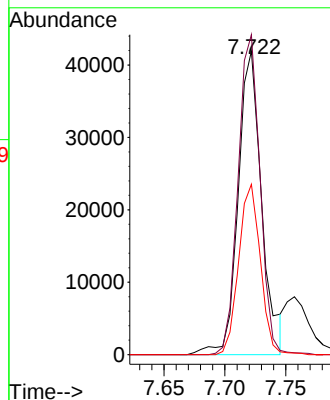
Tgt Ion:122 Resp: 56358

Ion Ratio Lower Upper

122 100

107 105.4 90.0 135.0

121 56.1 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 3.680 ng

RT: 7.822 min Scan# 957

Delta R.T. -0.006 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

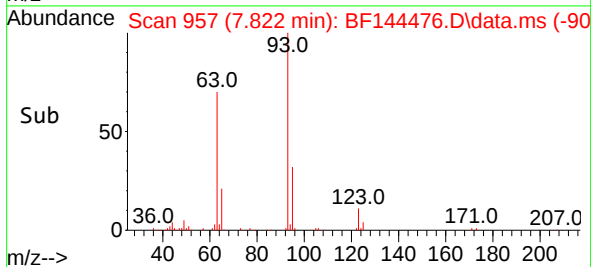
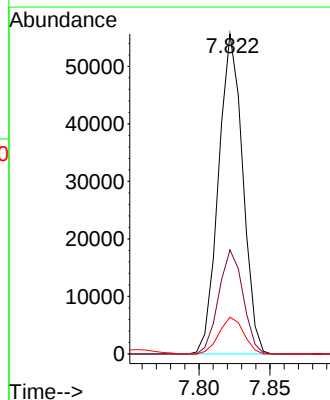
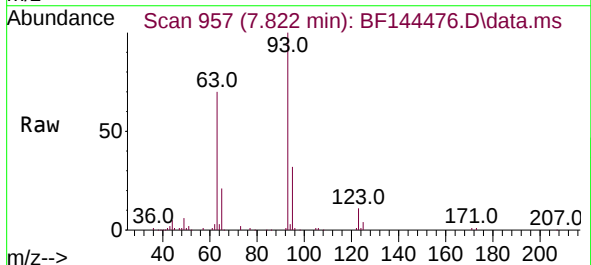
Tgt Ion: 93 Resp: 66089

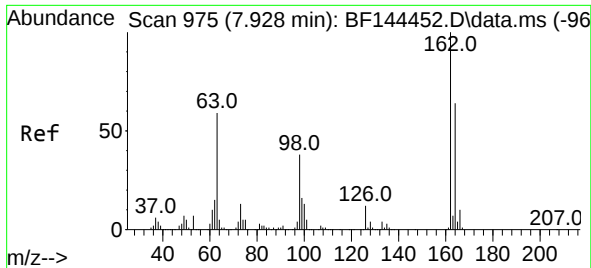
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 11.5 10.2 15.4

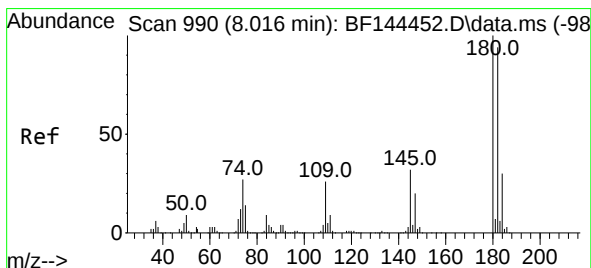
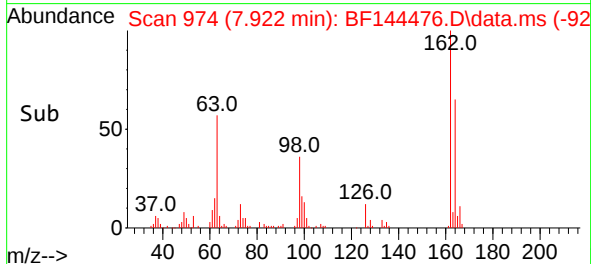
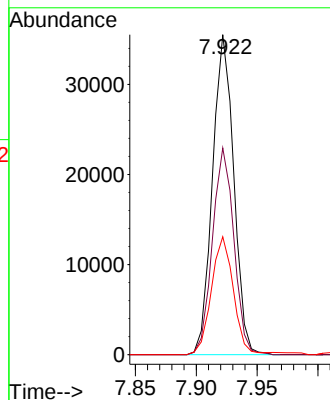
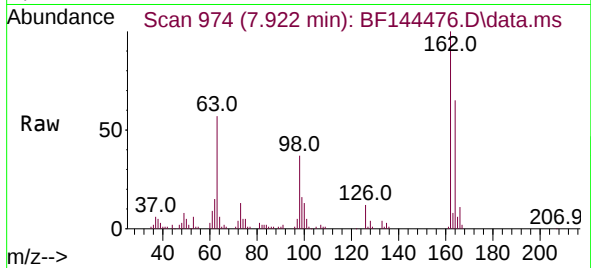




#29
2,4-Dichlorophenol
Concen: 3.736 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

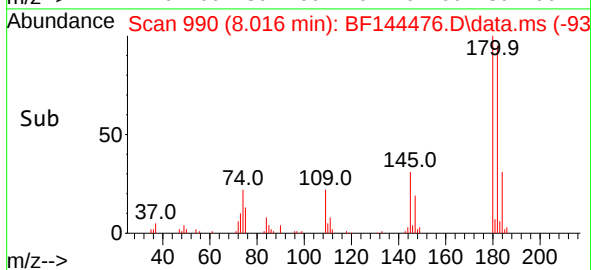
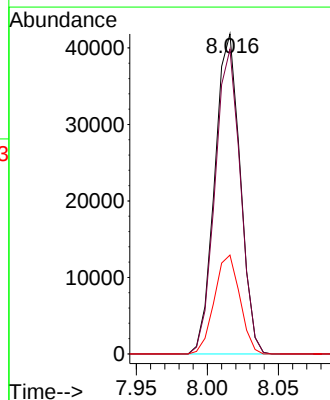
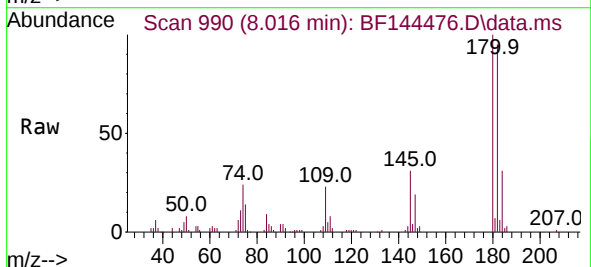
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

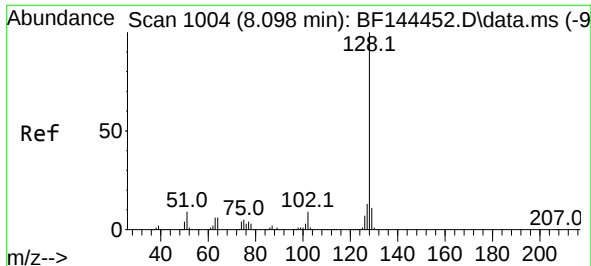
Tgt Ion:162	Resp:	43170
Ion Ratio	Lower	Upper
162	100	
164	64.6	44.2 84.2
98	36.8	17.8 57.8



#30
1,2,4-Trichlorobenzene
Concen: 4.168 ng
RT: 8.016 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:180	Resp:	52241
Ion Ratio	Lower	Upper
180	100	
182	95.2	75.2 112.8
145	30.9	25.3 37.9





#31

Naphthalene

Concen: 3.952 ng

RT: 8.092 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

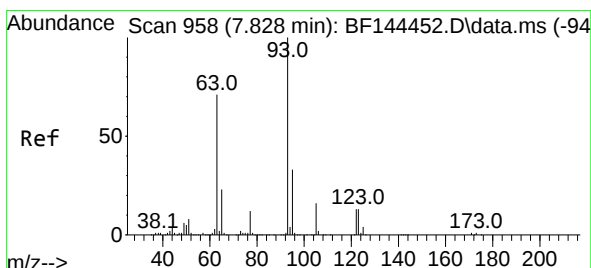
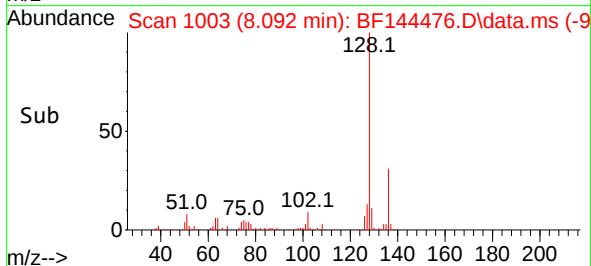
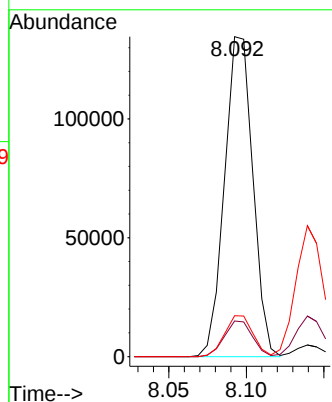
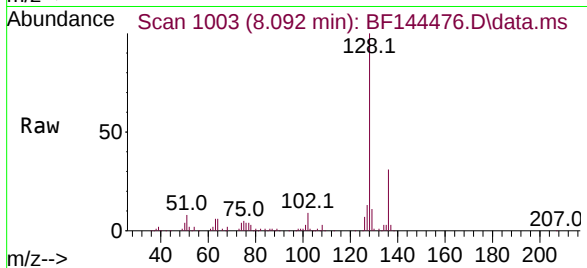
Tgt Ion:128 Resp: 171873

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

127 12.8 10.6 16.0



#32

Benzoic acid

Concen: 7.855 ng

RT: 7.757 min Scan# 946

Delta R.T. -0.071 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

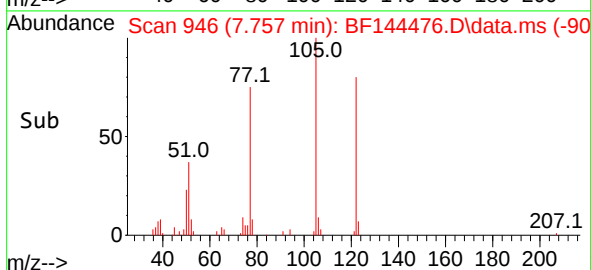
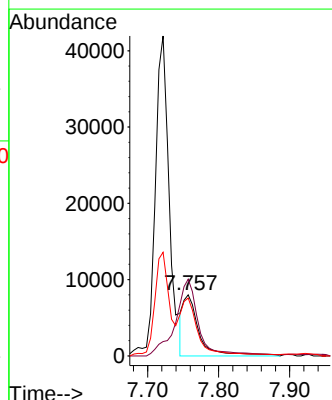
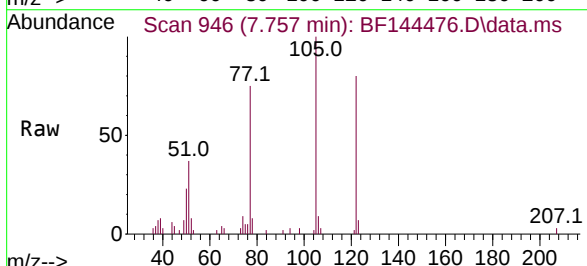
Tgt Ion:122 Resp: 12737

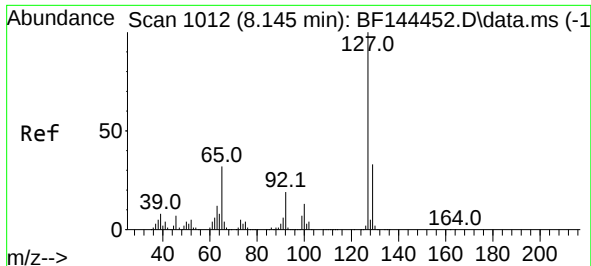
Ion Ratio Lower Upper

122 100

105 125.7 103.2 143.2

77 94.7 75.1 115.1

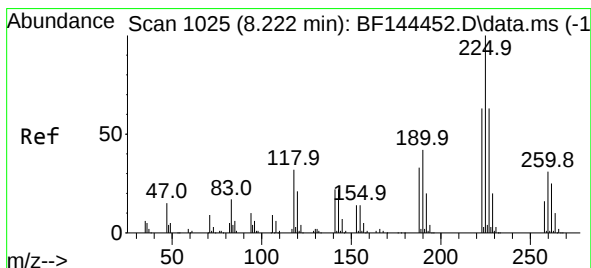
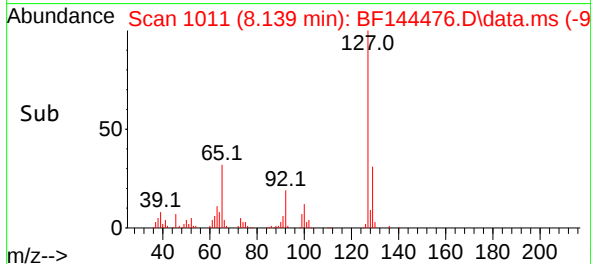
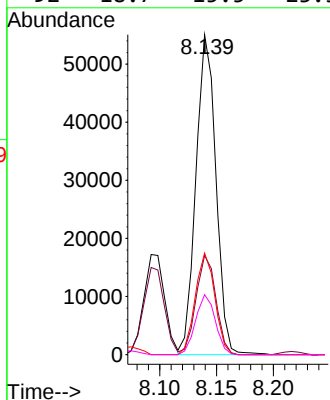
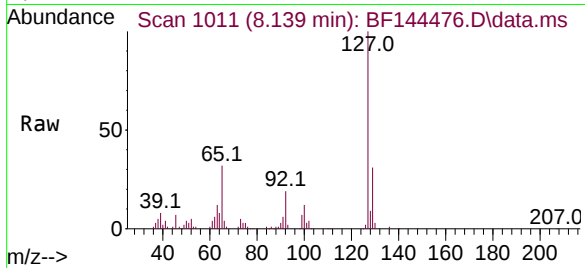




#33
4-Chloroaniline
Concen: 3.855 ng
RT: 8.139 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

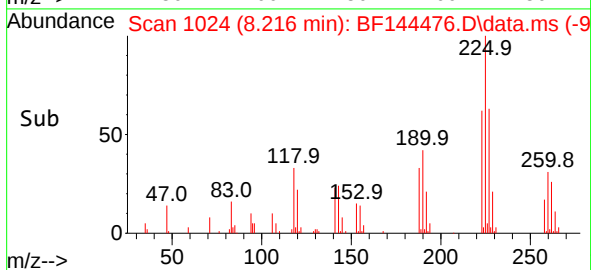
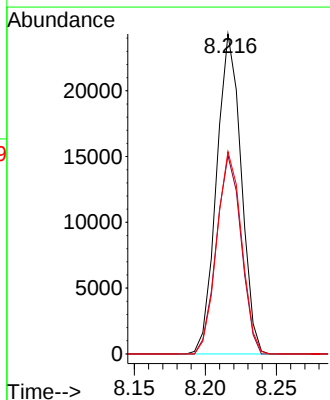
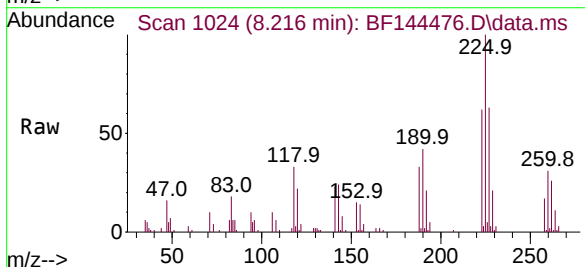
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

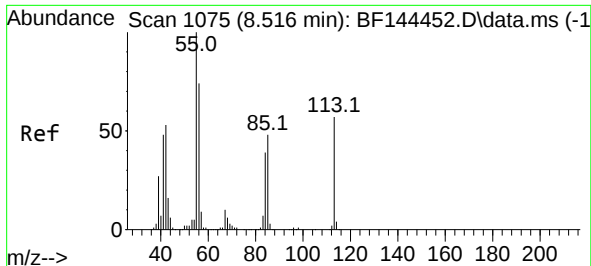
Tgt Ion:127	Resp: 67397
Ion Ratio	Lower Upper
127 100	
129 31.0	26.2 39.4
65 31.7	25.8 38.8
92 18.7	15.5 23.3



#34
Hexachlorobutadiene
Concen: 3.780 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:225	Resp: 29290
Ion Ratio	Lower Upper
225 100	
223 62.0	50.1 75.1
227 63.2	50.3 75.5

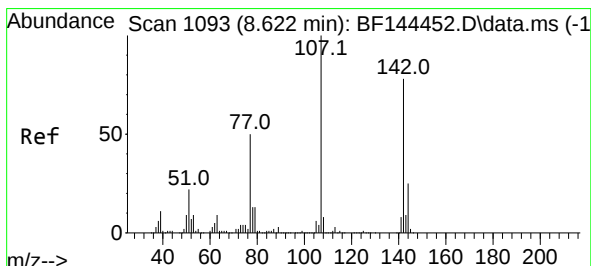
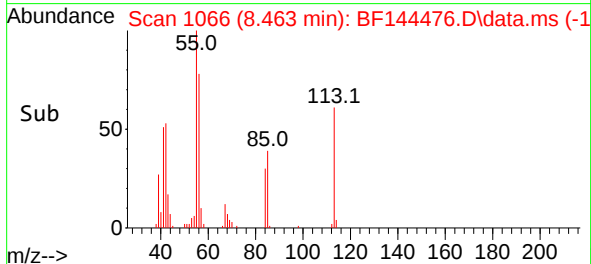
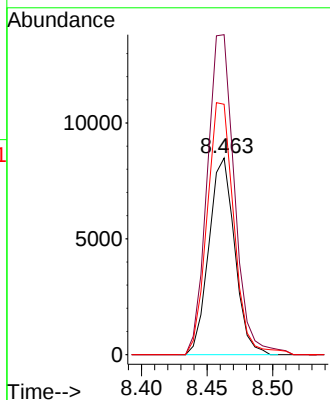
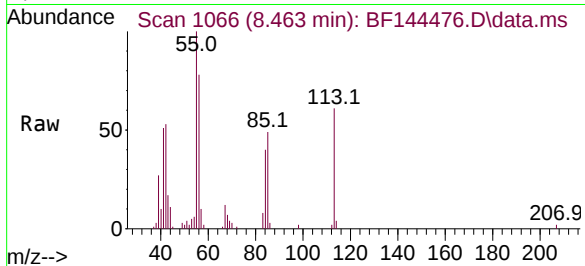




#35
 Caprolactam
 Concen: 3.052 ng
 RT: 8.463 min Scan# 1066
 Delta R.T. -0.053 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

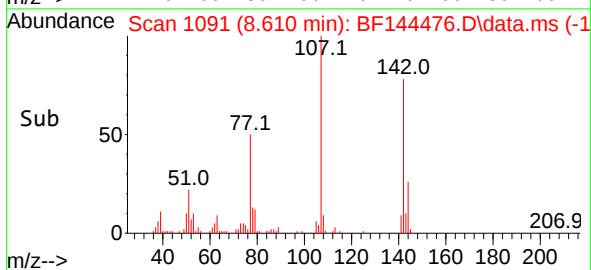
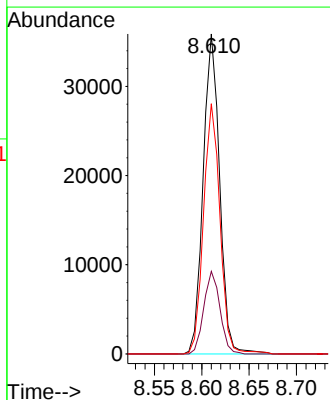
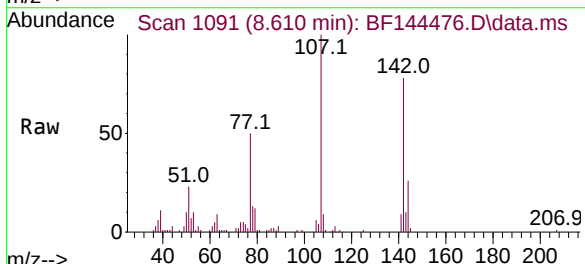
Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT4-2025

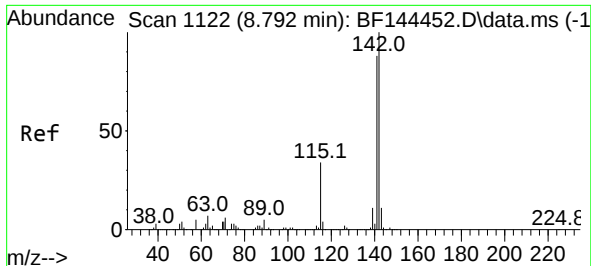
Tgt Ion:113 Resp: 11646
 Ion Ratio Lower Upper
 113 100
 55 162.8 154.5 194.5
 56 127.4 109.8 149.8



#36
 4-Chloro-3-methylphenol
 Concen: 3.469 ng
 RT: 8.610 min Scan# 1091
 Delta R.T. -0.012 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

Tgt Ion:107 Resp: 43515
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.4 30.6
 142 78.2 62.4 93.6





#37

2-Methylnaphthalene

Concen: 3.500 ng

RT: 8.786 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

Instrument :

BNA_F

ClientSampleId :

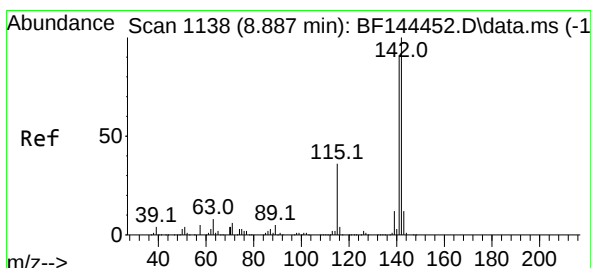
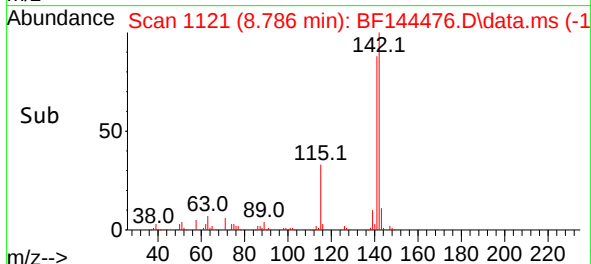
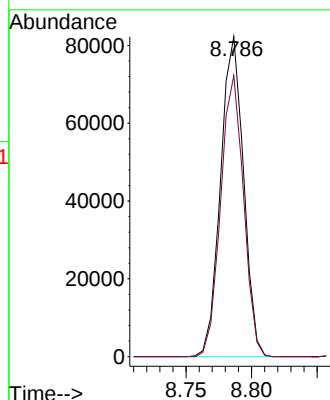
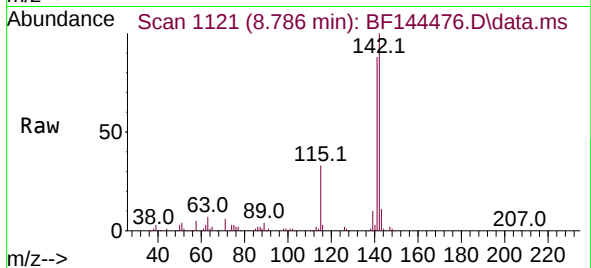
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:142 Resp: 100145

Ion Ratio Lower Upper

142 100

141 87.8 70.0 105.0



#38

1-Methylnaphthalene

Concen: 3.788 ng

RT: 8.886 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF144476.D

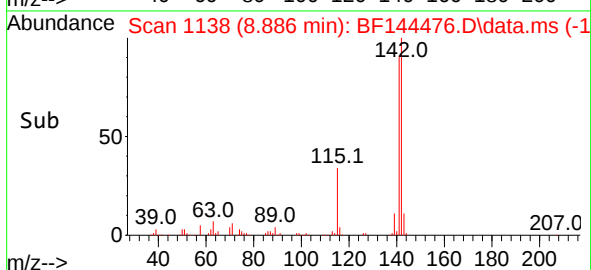
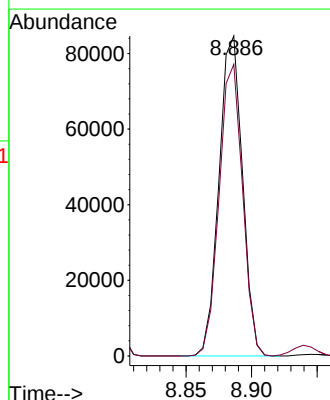
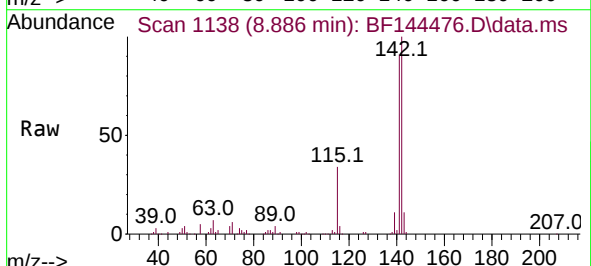
Acq: 15 Dec 2025 16:08

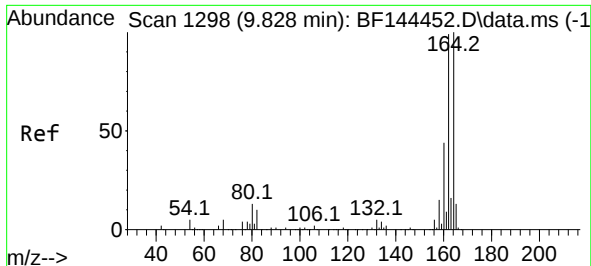
Tgt Ion:142 Resp: 105561

Ion Ratio Lower Upper

142 100

141 91.1 72.6 109.0

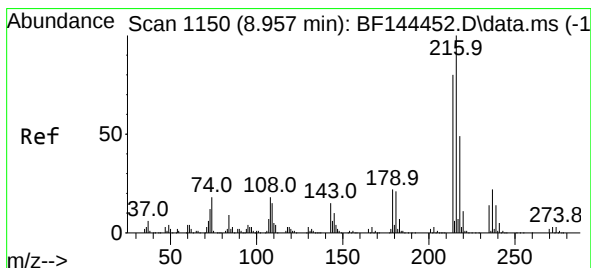
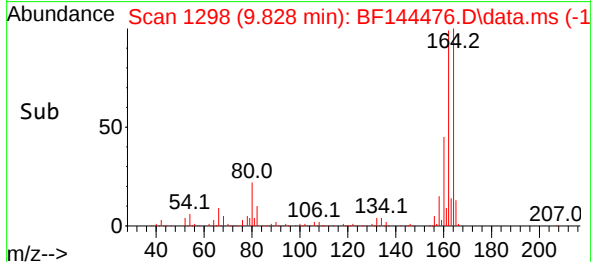
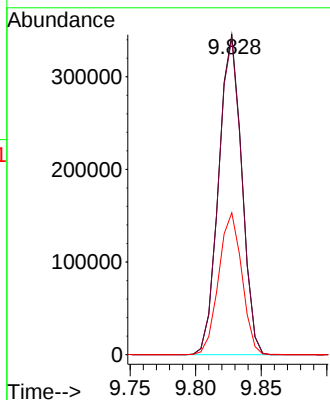
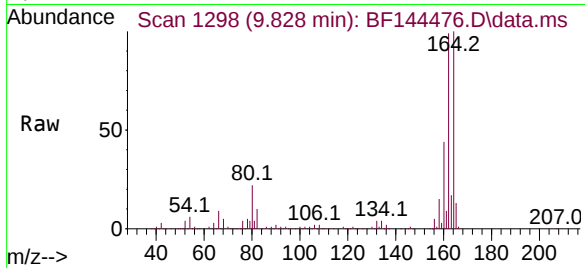




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

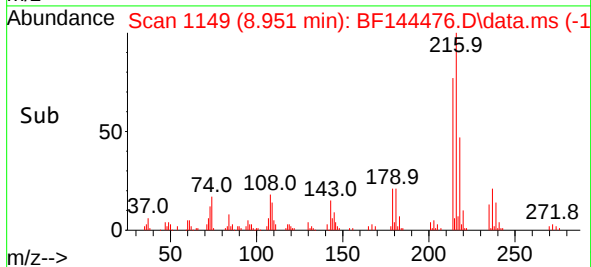
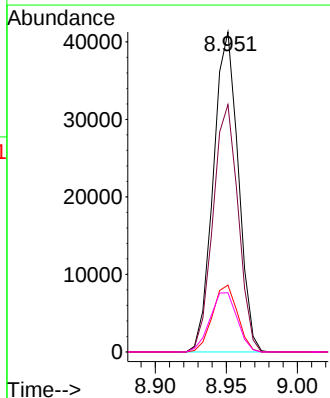
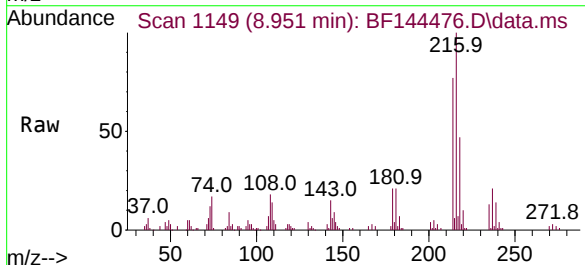
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

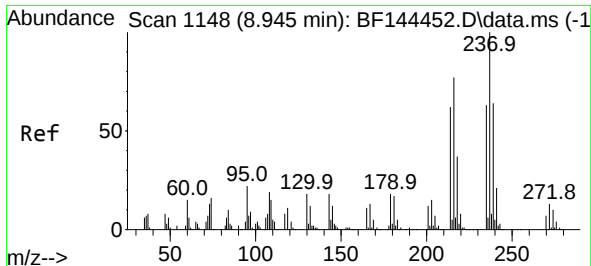
Tgt Ion:164 Resp: 423775
Ion Ratio Lower Upper
164 100
162 98.9 79.2 118.8
160 44.3 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.182 ng
RT: 8.951 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

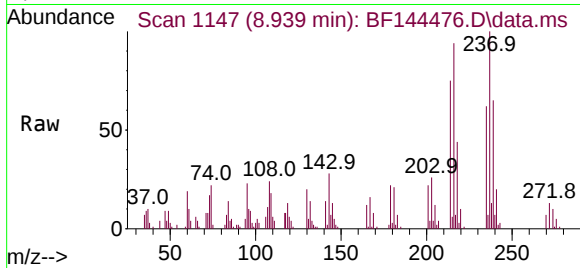
Tgt Ion:216 Resp: 50435
Ion Ratio Lower Upper
216 100
214 77.9 63.8 95.6
179 21.0 17.7 26.5
108 20.1 16.2 24.4



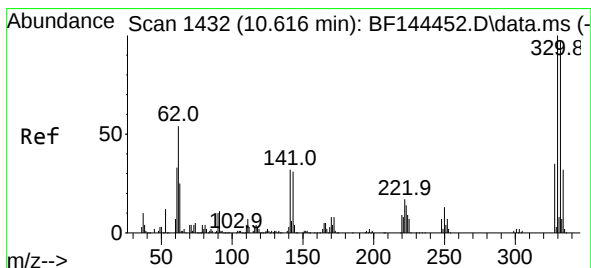
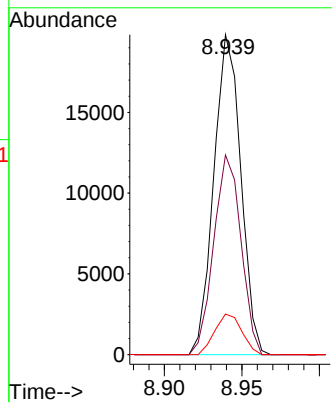
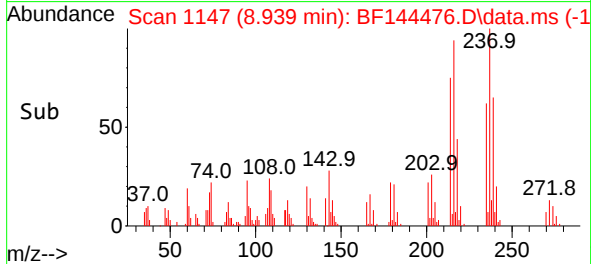


#41
Hexachlorocyclopentadiene
Concen: 3.362 ng
RT: 8.939 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

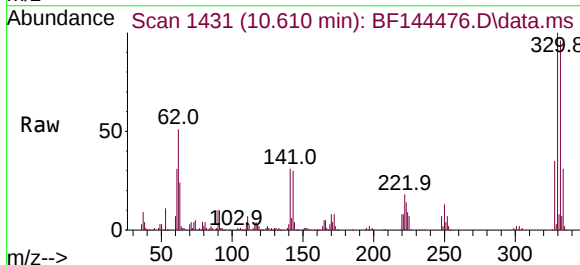
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025



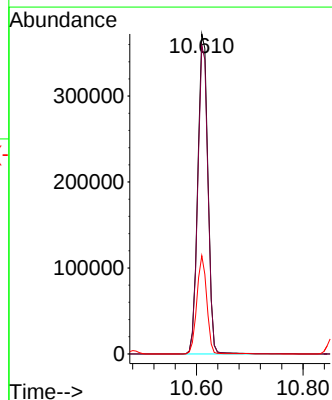
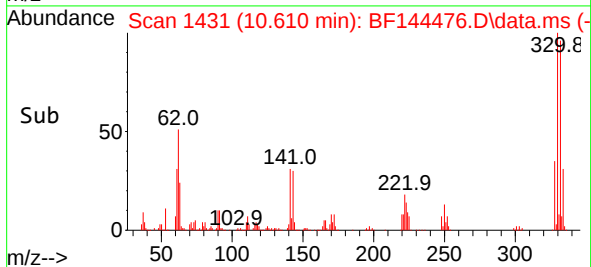
Tgt Ion: 237 Resp: 23999
Ion Ratio Lower Upper
237 100
235 62.4 43.2 83.2
272 12.7 0.0 33.2

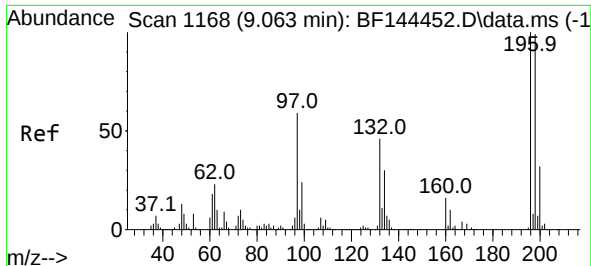


#42
2,4,6-Tribromophenol
Concen: 128.209 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08



Tgt Ion: 330 Resp: 491212
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 29.8 26.2 39.2





#43

2,4,6-Trichlorophenol

Concen: 3.714 ng

RT: 9.057 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

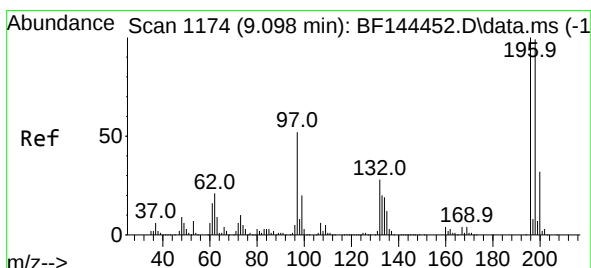
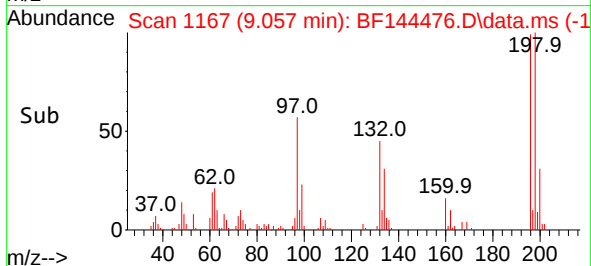
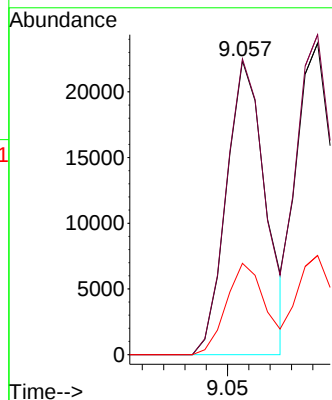
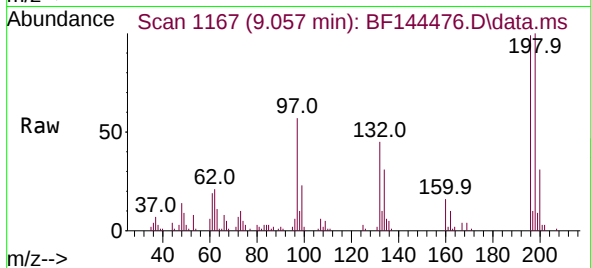
Tgt Ion:196 Resp: 28442

Ion Ratio Lower Upper

196 100

198 100.8 79.0 118.4

200 31.1 25.3 37.9



#44

2,4,5-Trichlorophenol

Concen: 3.590 ng

RT: 9.092 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

Tgt Ion:196 Resp: 28861

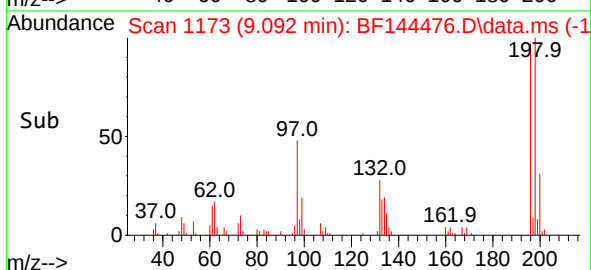
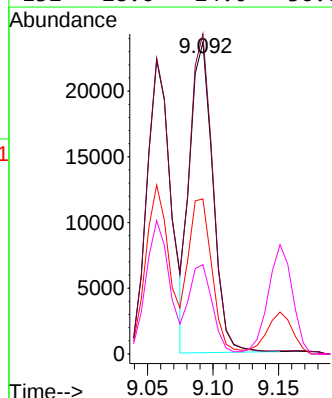
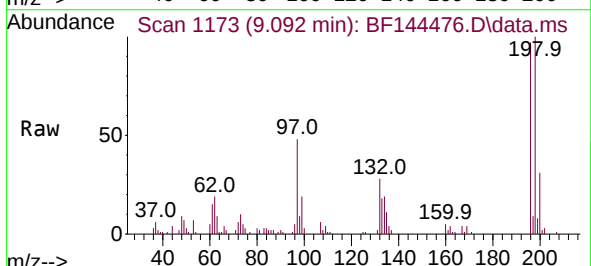
Ion Ratio Lower Upper

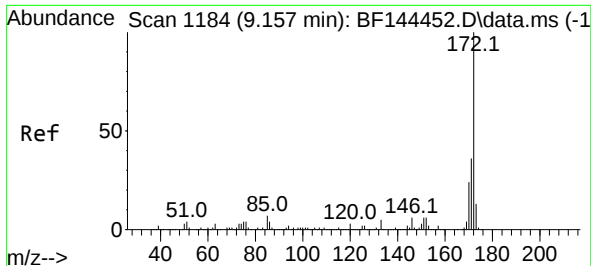
196 100

198 102.8 79.5 119.3

97 49.7 42.2 63.2

132 28.6 24.0 36.0

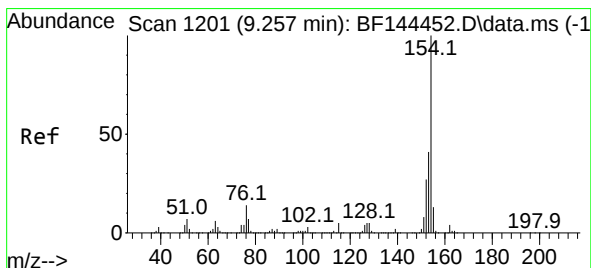
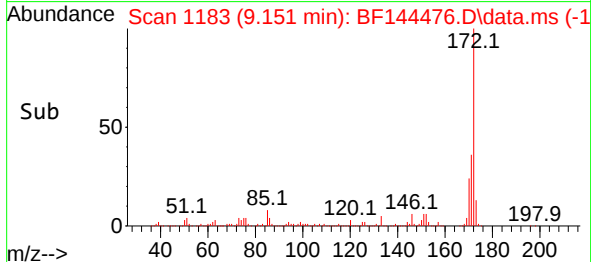
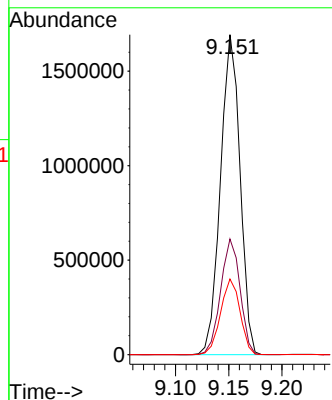
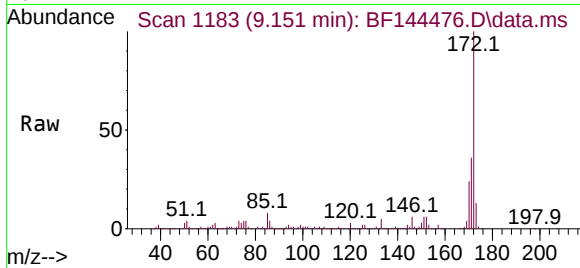




#45
2-Fluorobiphenyl
Concen: 78.392 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

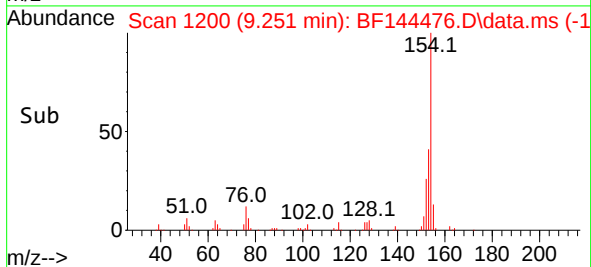
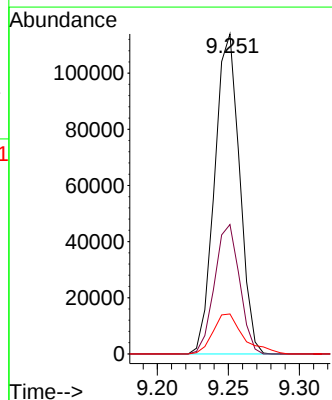
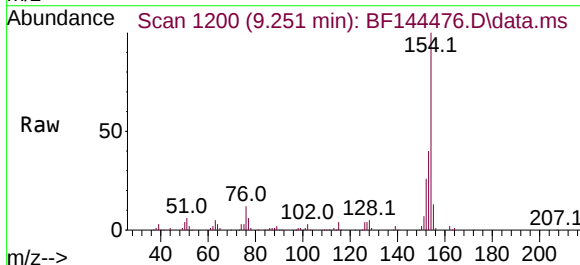
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

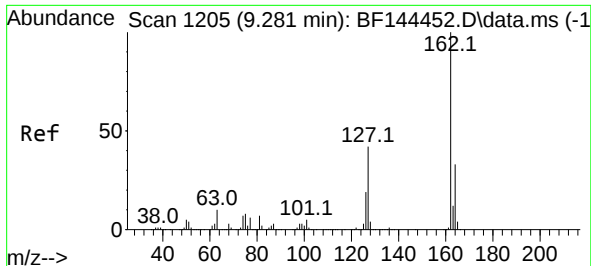
Tgt Ion:172 Resp: 2165522
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.6 19.3 28.9



#46
1,1'-Biphenyl
Concen: 4.201 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:154 Resp: 139128
Ion Ratio Lower Upper
154 100
153 40.4 21.0 61.0
76 12.5 0.0 33.8

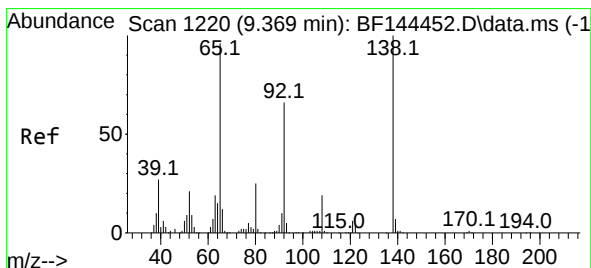
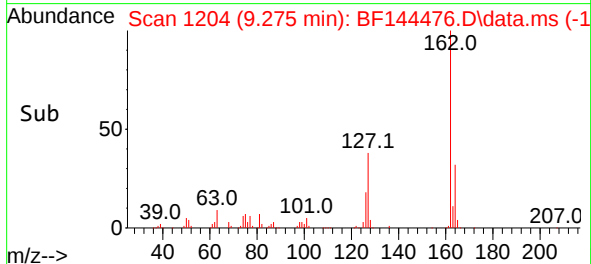
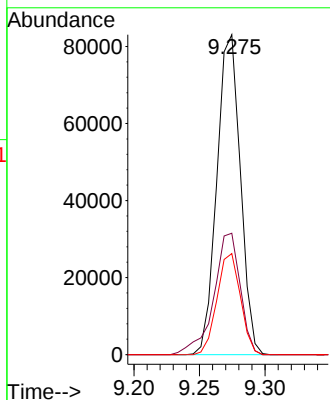
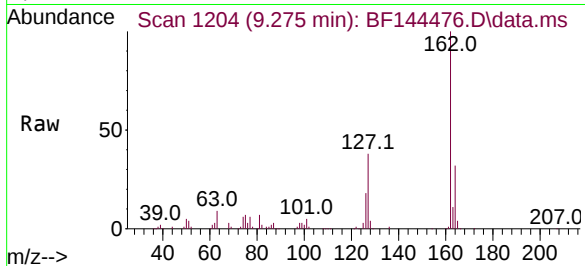




#47
2-Chloronaphthalene
Concen: 4.101 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

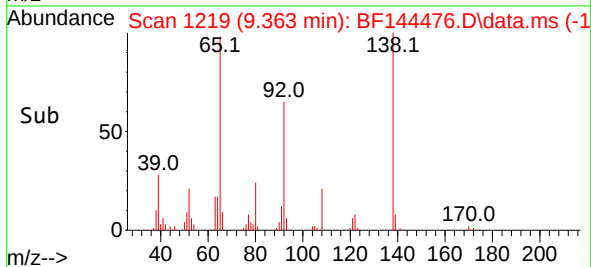
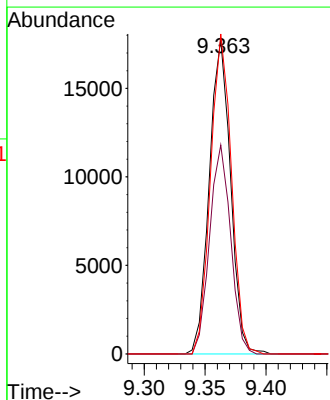
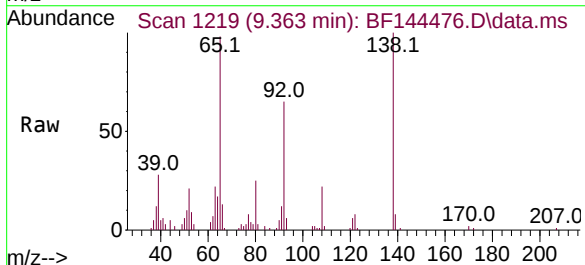
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

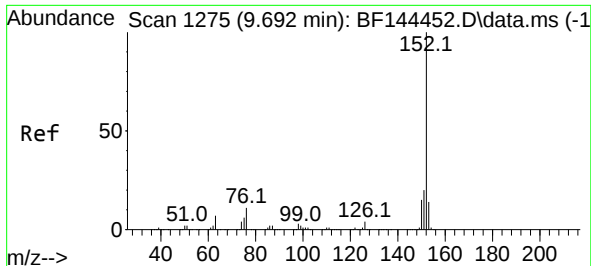
Tgt Ion:162 Resp: 103678
Ion Ratio Lower Upper
162 100
127 37.9 33.6 50.4
164 31.6 26.6 39.8



#48
2-Nitroaniline
Concen: 6.381 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion: 65 Resp: 21558
Ion Ratio Lower Upper
65 100
92 66.4 55.0 82.4
138 101.7 83.4 125.2

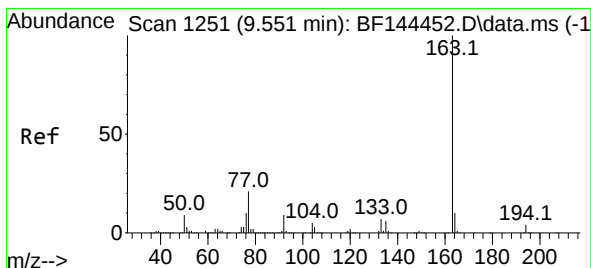
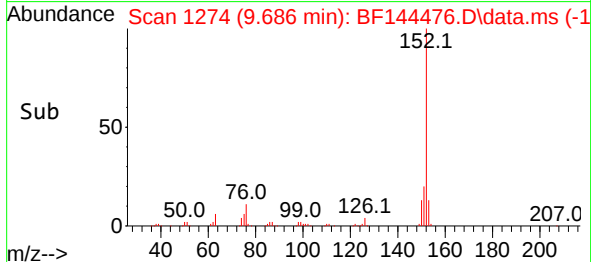
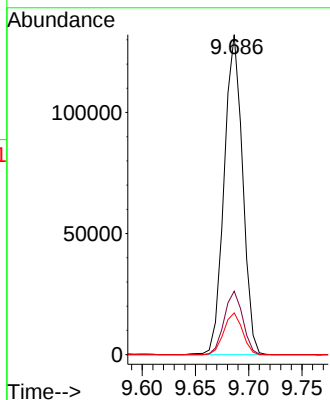
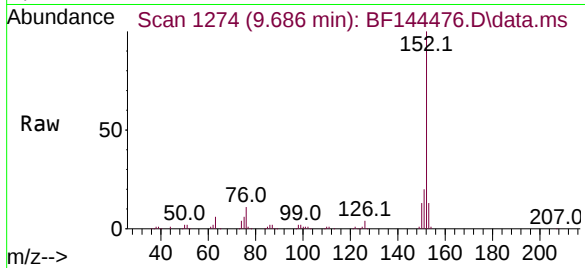




#49
Acenaphthylene
Concen: 3.985 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

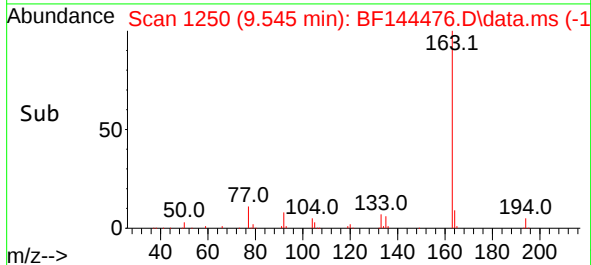
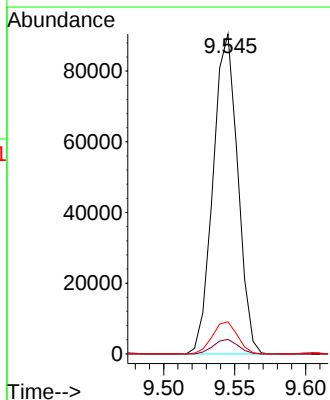
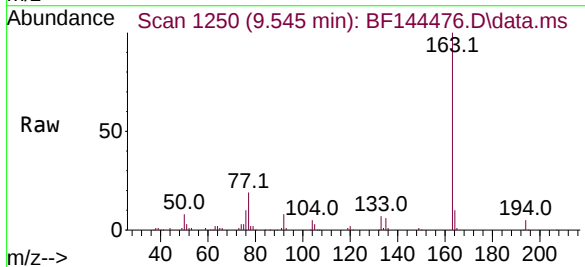
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

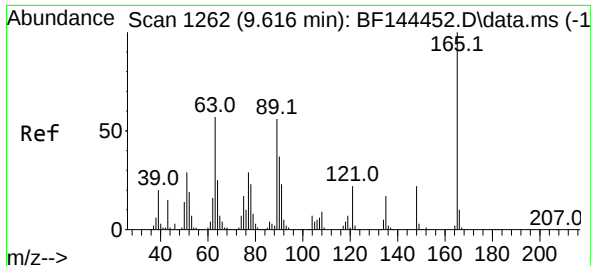
Tgt Ion:152 Resp: 159629
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.0 11.4 17.0



#50
Dimethylphthalate
Concen: 3.828 ng
RT: 9.545 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:163 Resp: 109573
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.0 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 7.085 ng

RT: 9.604 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144476.D

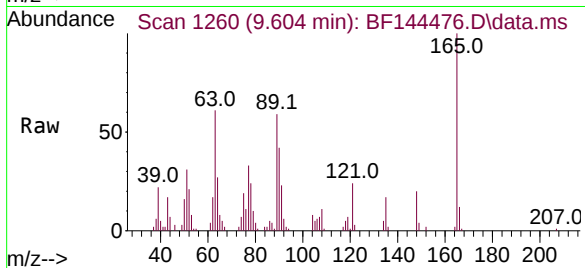
Acq: 15 Dec 2025 16:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



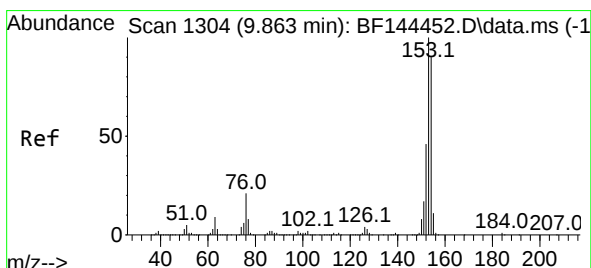
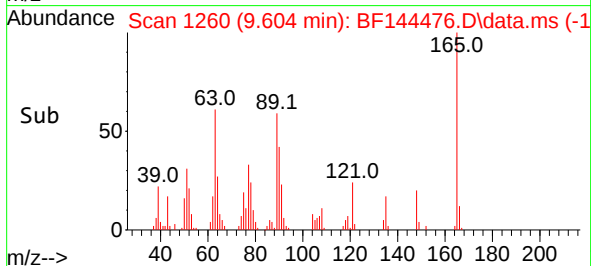
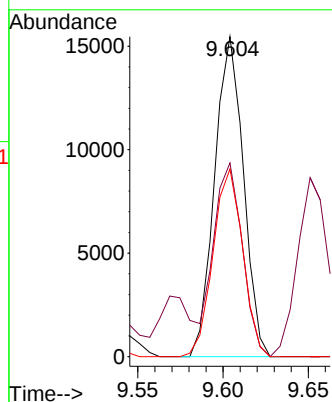
Tgt Ion:165 Resp: 18138

Ion Ratio Lower Upper

165 100

63 60.5 45.9 68.9

89 58.6 44.6 67.0



#52

Acenaphthene

Concen: 4.013 ng

RT: 9.857 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

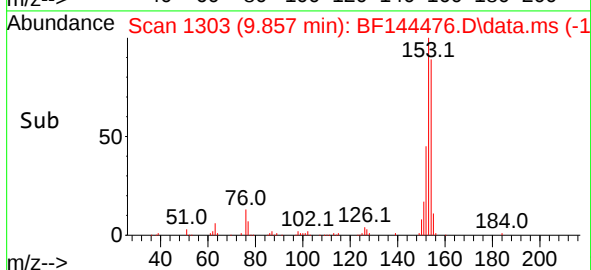
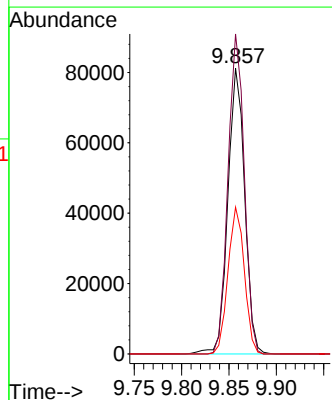
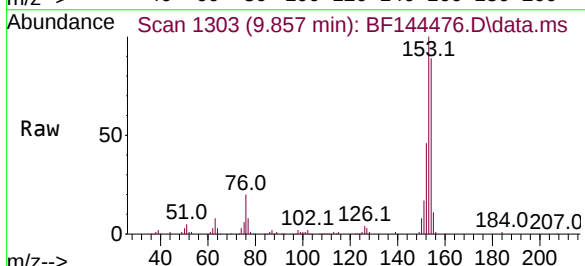
Tgt Ion:154 Resp: 100213

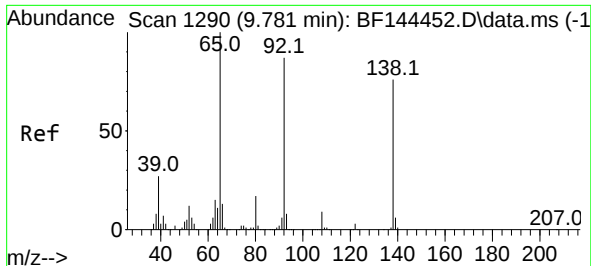
Ion Ratio Lower Upper

154 100

153 112.0 88.6 132.8

152 51.4 40.6 61.0

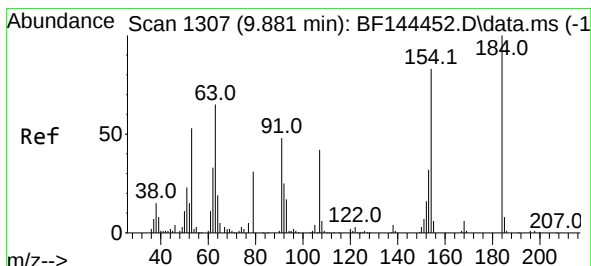
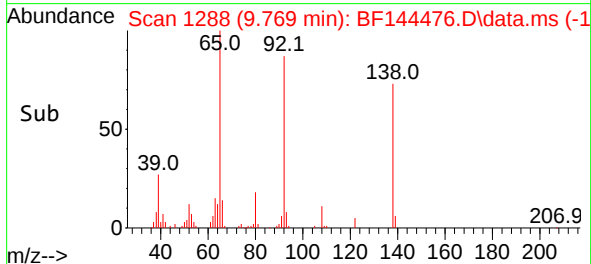
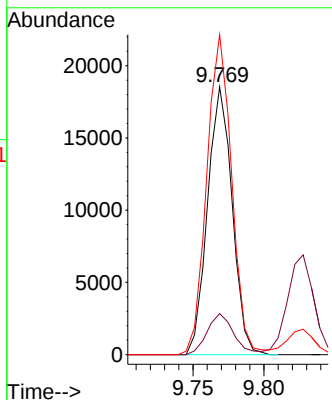
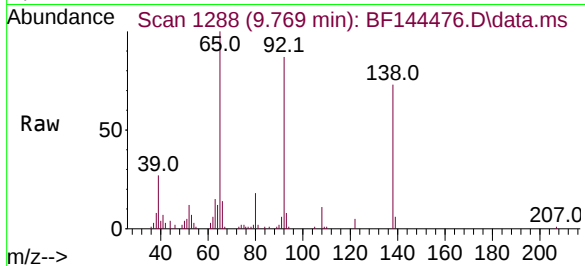




#53
3-Nitroaniline
Concen: 6.265 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

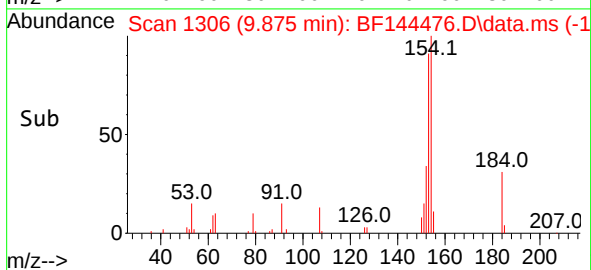
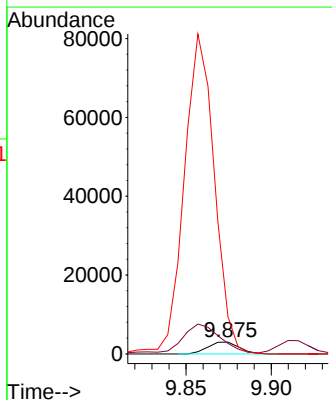
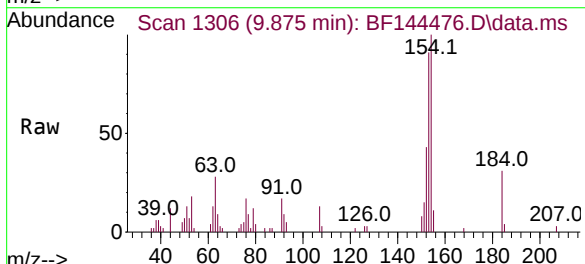
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

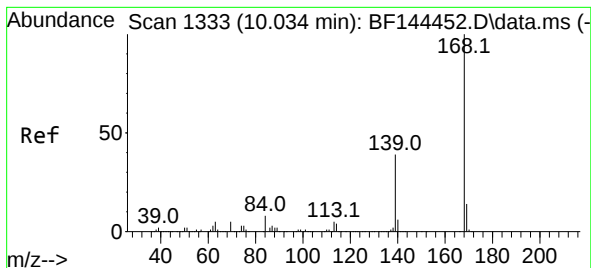
Tgt Ion:138 Resp: 22313
Ion Ratio Lower Upper
138 100
108 15.3 9.7 14.5#
92 119.5 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 8.504 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:184 Resp: 3802
Ion Ratio Lower Upper
184 100
63 89.3 60.6 91.0
154 317.6 137.8 206.8#





#55

Dibenzenofuran

Concen: 4.157 ng

RT: 10.028 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

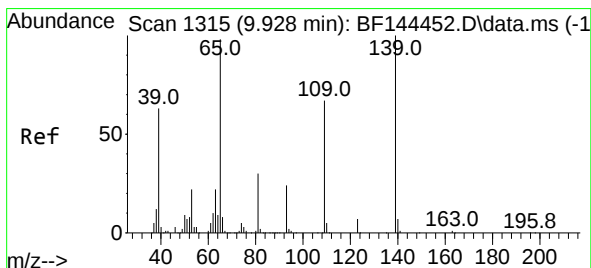
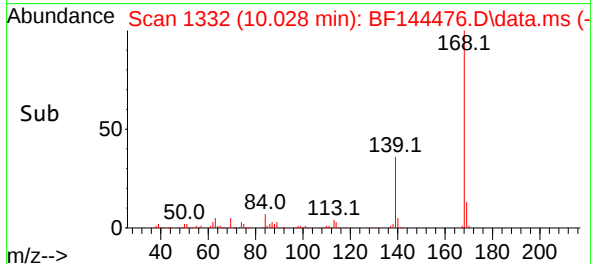
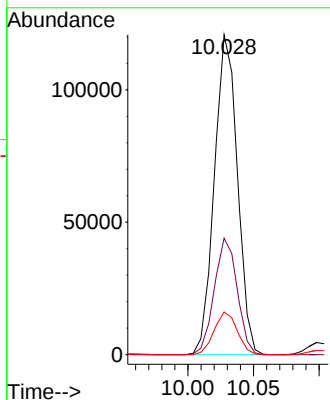
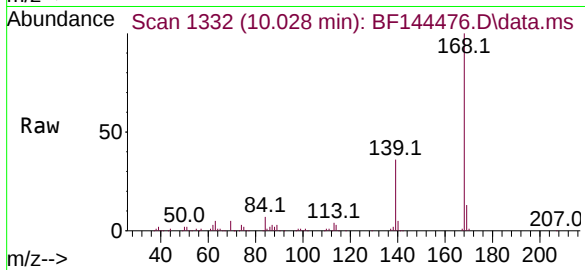
Tgt Ion:168 Resp: 147715

Ion Ratio Lower Upper

168 100

139 36.4 31.0 46.6

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 3.160 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

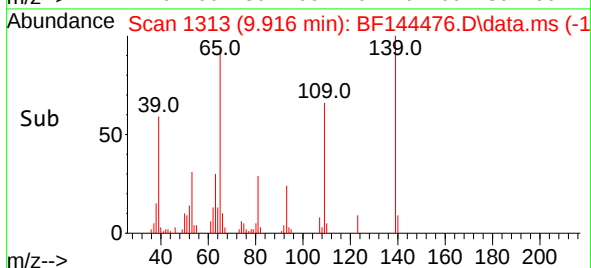
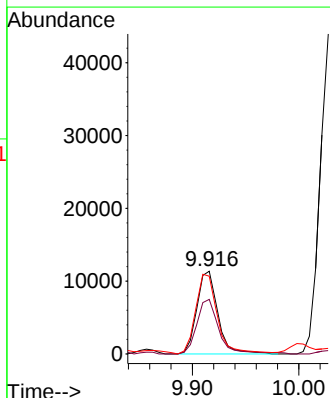
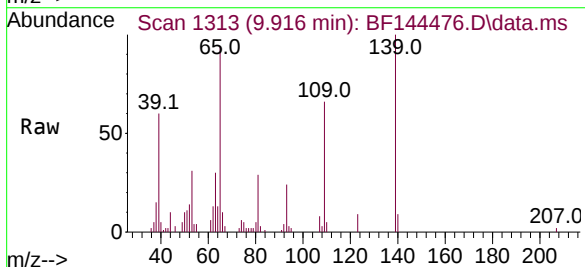
Tgt Ion:139 Resp: 15402

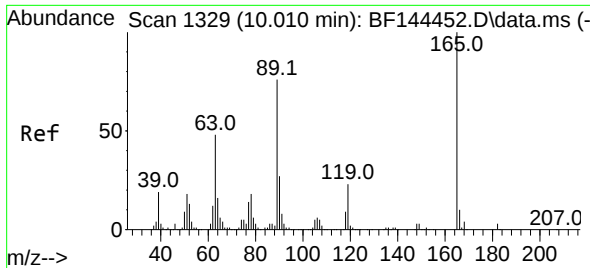
Ion Ratio Lower Upper

139 100

109 65.9 47.4 87.4

65 94.1 78.4 118.4

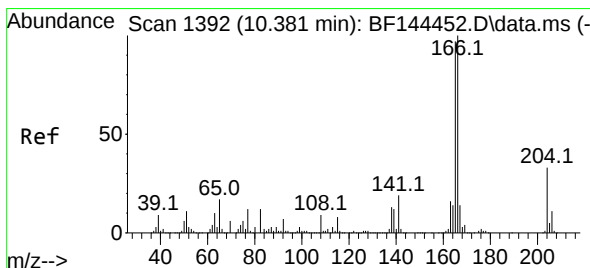
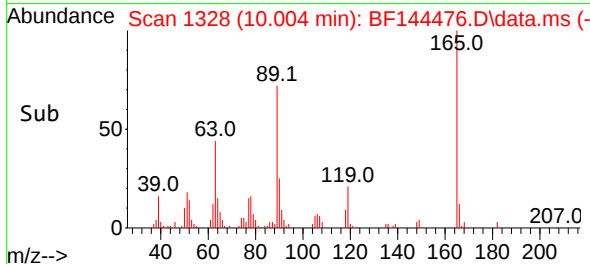
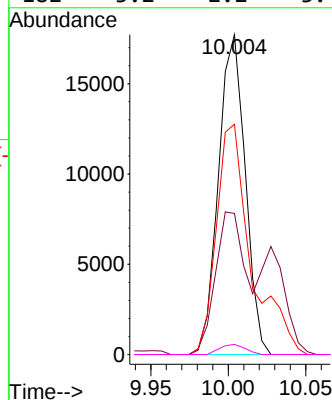
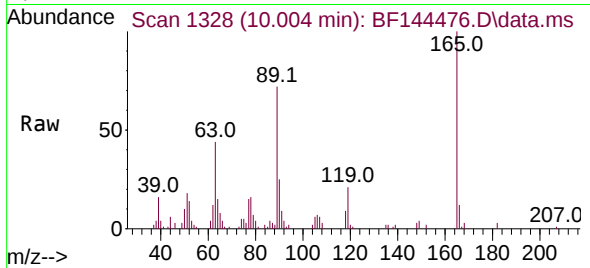




#57
2,4-Dinitrotoluene
Concen: 6.623 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

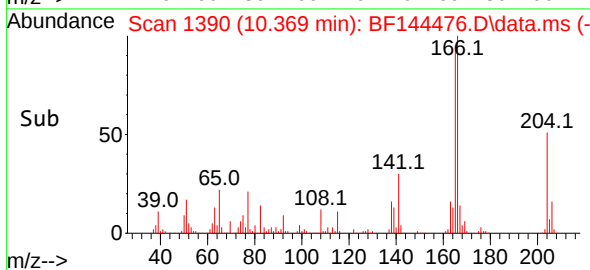
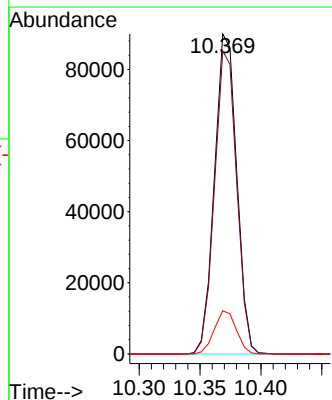
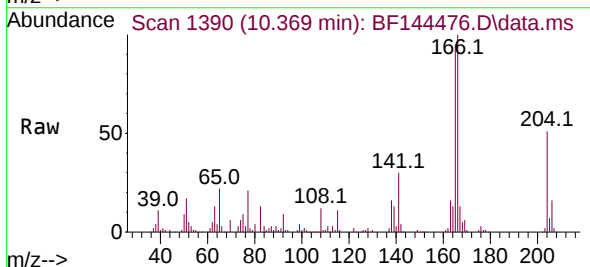
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

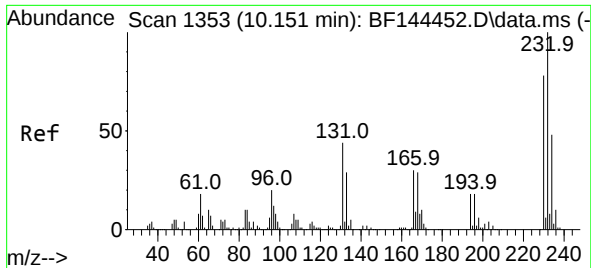
Tgt Ion:	165	Resp:	21325
Ion Ratio	Lower	Upper	
165	100		
63	44.1	38.2	57.4
89	72.0	61.2	91.8
182	3.2	2.2	3.4



#58
Fluorene
Concen: 4.254 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:	166	Resp:	114458
Ion Ratio	Lower	Upper	
166	100		
165	94.6	77.6	116.4
167	13.5	10.8	16.2

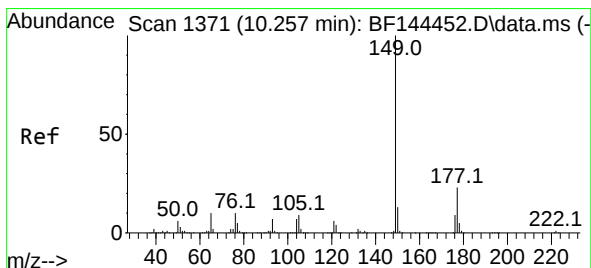
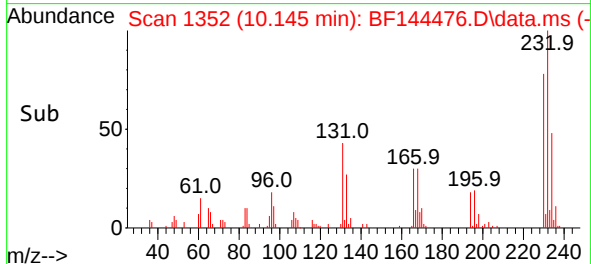
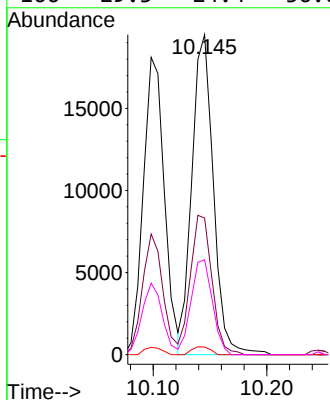
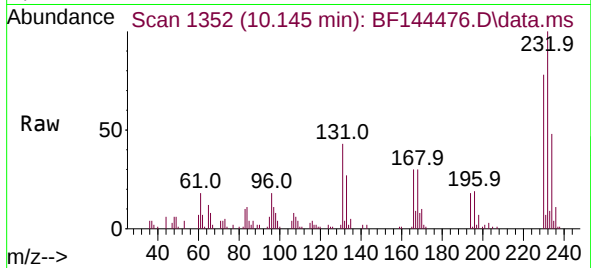




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.198 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

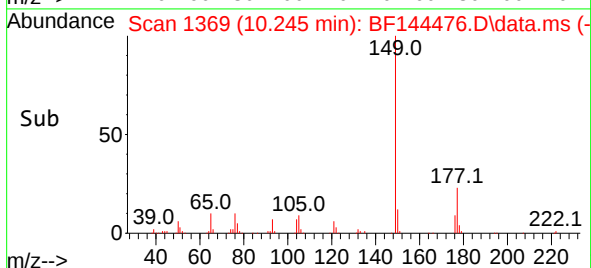
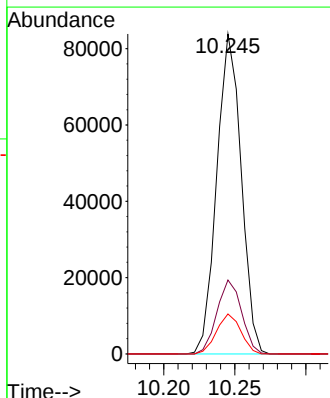
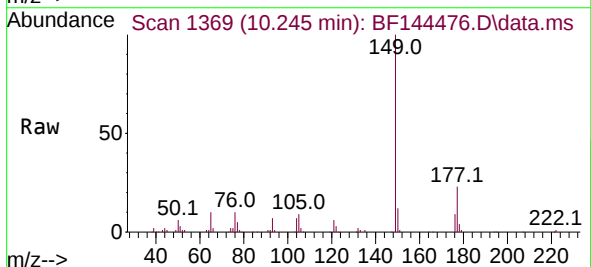
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

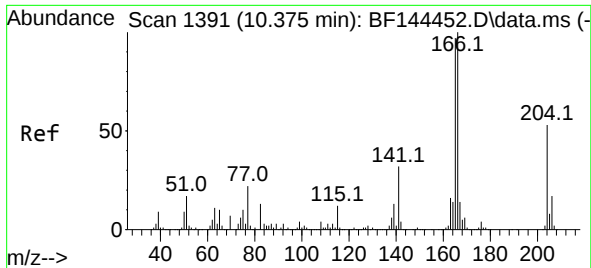
Tgt Ion:232 Resp: 25619
Ion Ratio Lower Upper
232 100
131 43.5 36.3 54.5
130 2.1 1.8 2.6
166 29.3 24.4 36.6



#60
Diethylphthalate
Concen: 3.693 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:149 Resp: 100199
Ion Ratio Lower Upper
149 100
177 23.1 18.7 28.1
150 12.5 10.1 15.1

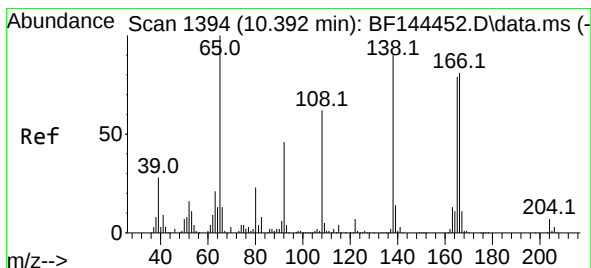
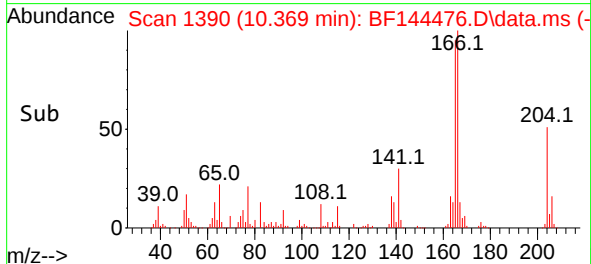
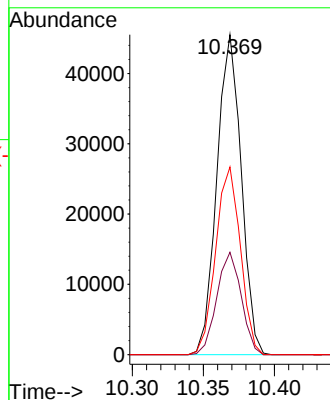
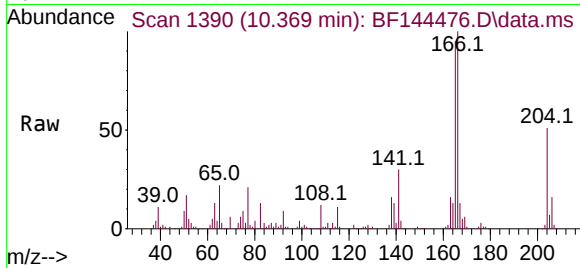




#61
4-Chlorophenyl-phenylether
Concen: 4.125 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

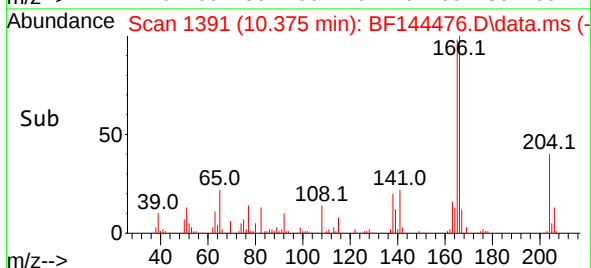
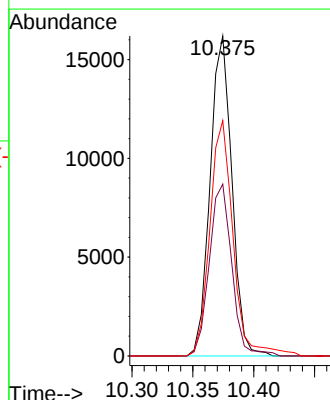
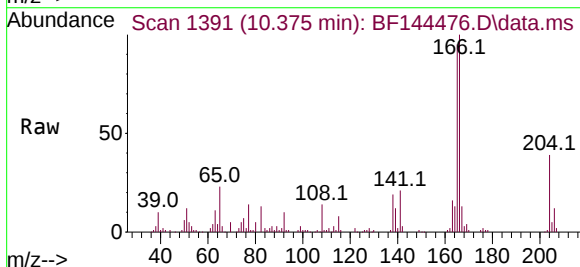
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

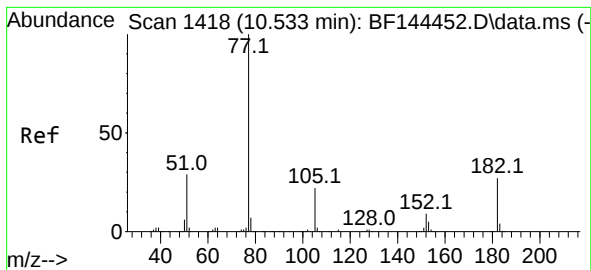
Tgt Ion:204 Resp: 54463
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 58.6 48.4 72.6



#62
4-Nitroaniline
Concen: 5.531 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.017 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:138 Resp: 20151
Ion Ratio Lower Upper
138 100
92 53.7 30.8 70.8
108 73.5 49.2 89.2





#63

Azobenzene

Concen: 3.679 ng

RT: 10.528 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 77 Resp: 105475

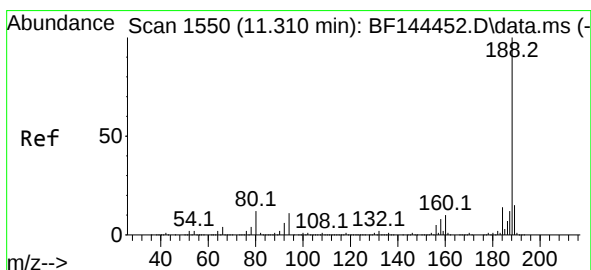
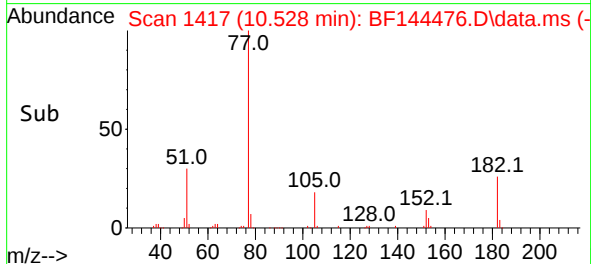
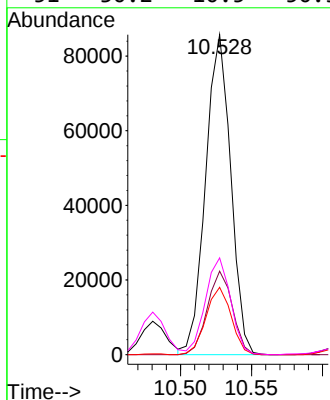
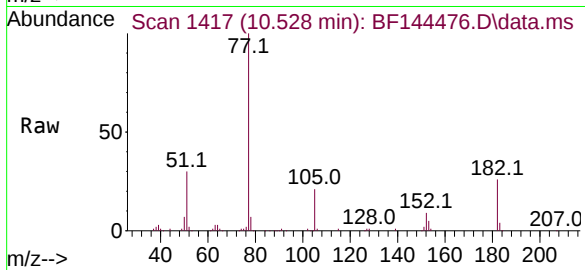
Ion Ratio Lower Upper

77 100

182 26.1 6.1 46.1

105 21.1 1.5 41.5

51 30.2 10.5 50.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

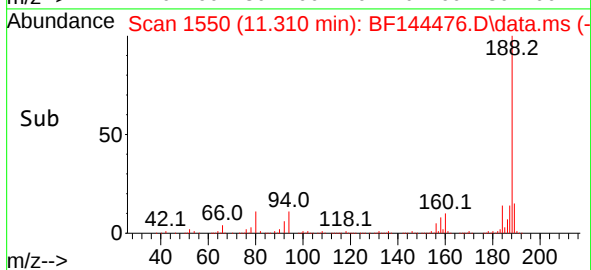
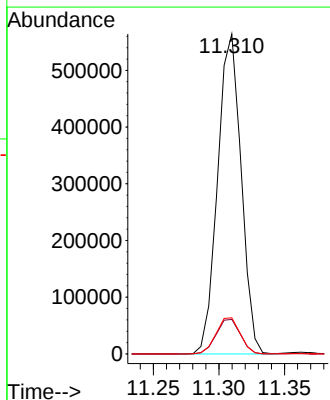
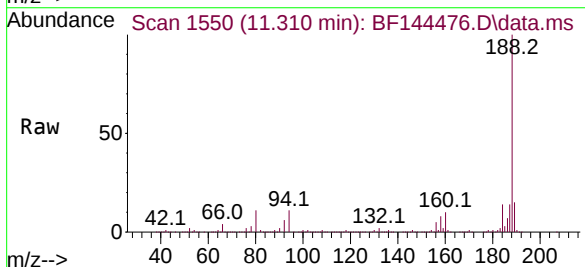
Tgt Ion:188 Resp: 705238

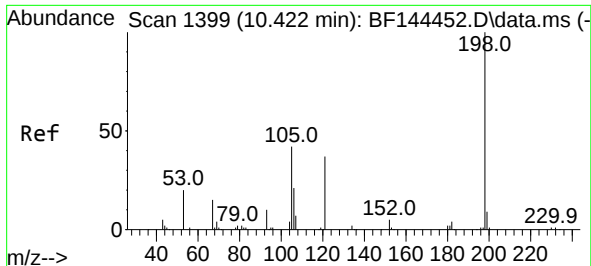
Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.6

80 11.3 9.8 14.8

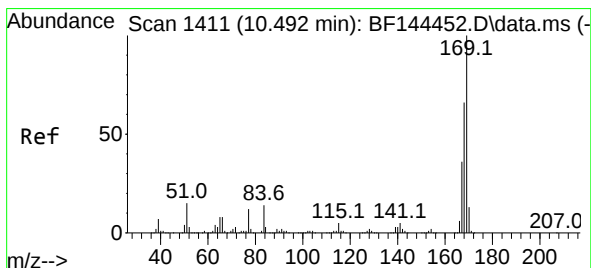
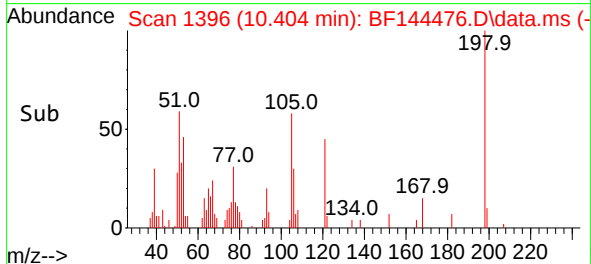
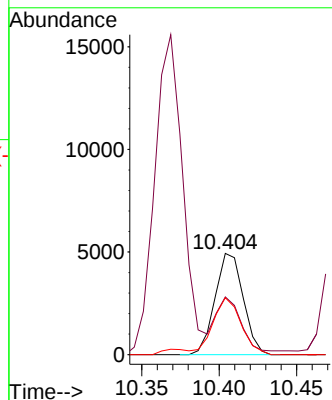
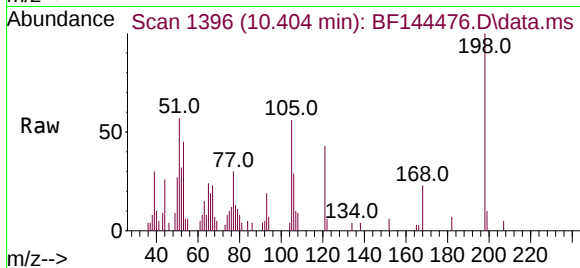




#65
4,6-Dinitro-2-methylphenol
Concen: 8.600 ng
RT: 10.404 min Scan# 1396
Delta R.T. -0.018 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

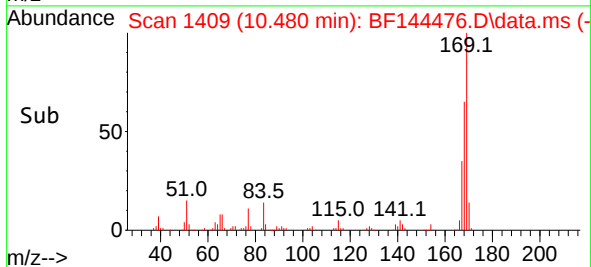
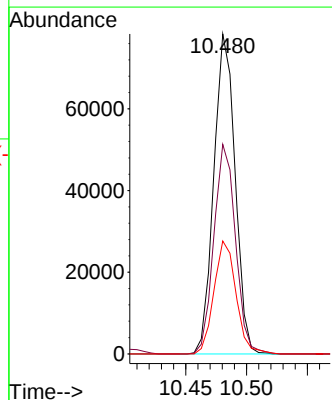
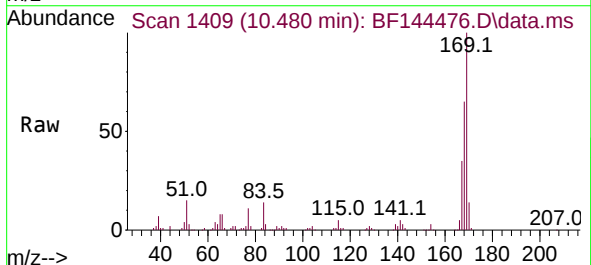
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

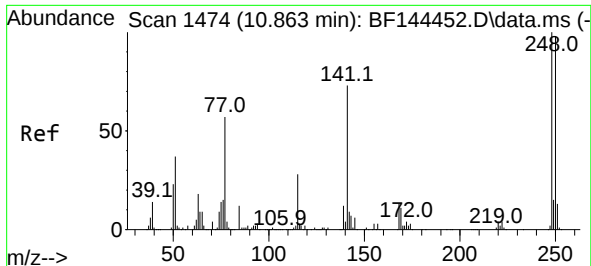
Tgt Ion:198 Resp: 6256
Ion Ratio Lower Upper
198 100
51 57.0 25.5 65.5
105 56.2 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 3.947 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:169 Resp: 95385
Ion Ratio Lower Upper
169 100
168 65.5 52.6 79.0
167 35.3 28.8 43.2

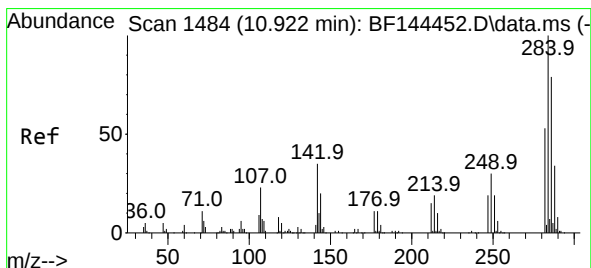
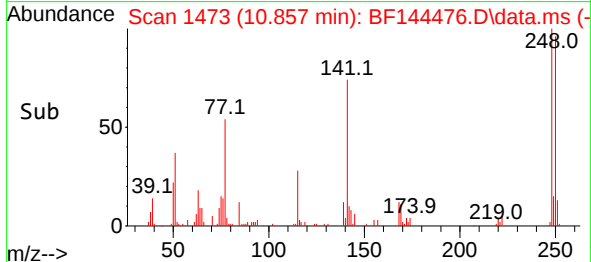
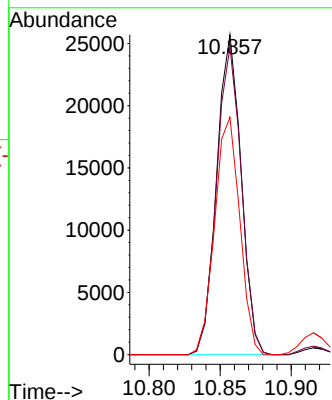
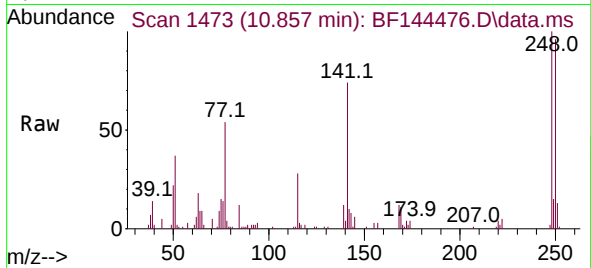




#67
4-Bromophenyl-phenylether
Concen: 3.748 ng
RT: 10.857 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

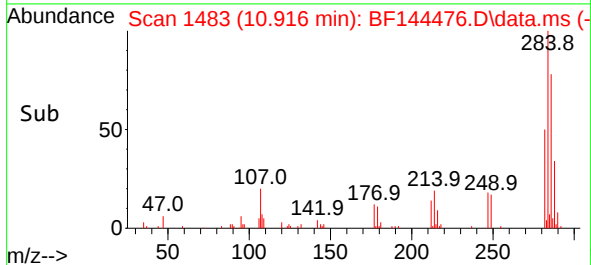
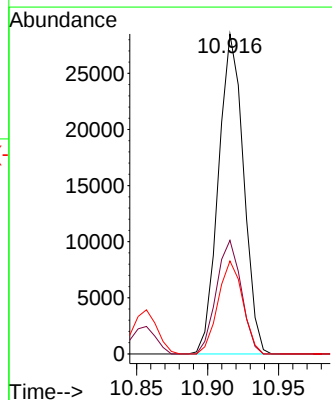
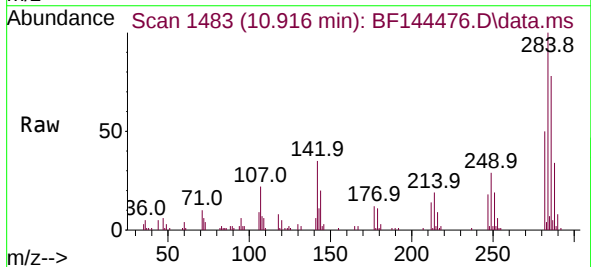
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

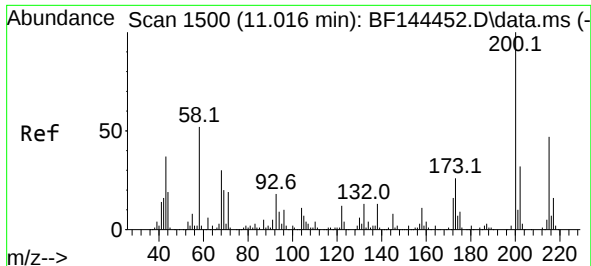
Tgt Ion:248 Resp: 30857
Ion Ratio Lower Upper
248 100
250 96.1 78.2 117.4
141 74.2 58.5 87.7



#68
Hexachlorobenzene
Concen: 3.869 ng
RT: 10.916 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:284 Resp: 35167
Ion Ratio Lower Upper
284 100
142 35.5 28.2 42.2
249 29.0 24.7 37.1

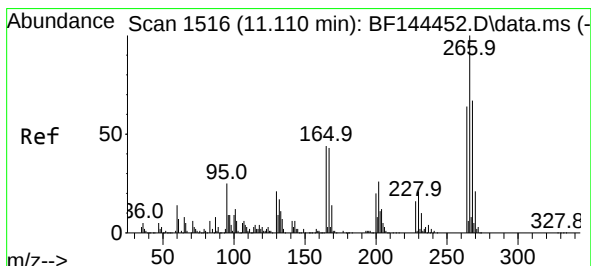
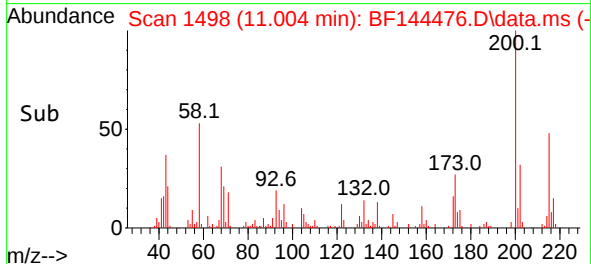
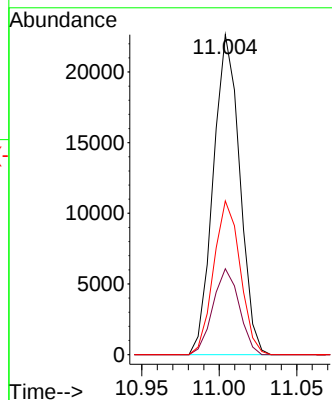
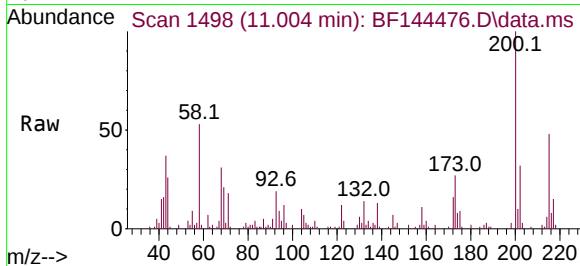




#69
 Atrazine
 Concen: 3.560 ng
 RT: 11.004 min Scan# 14
 Delta R.T. -0.012 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

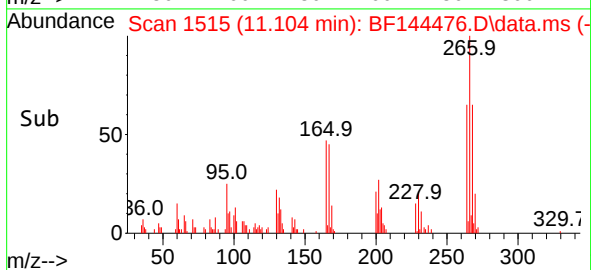
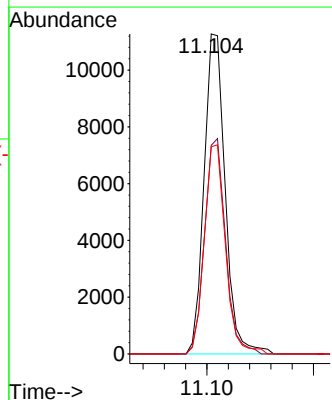
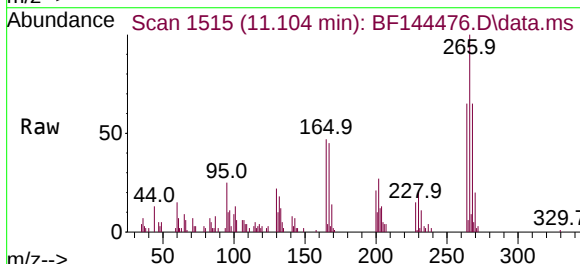
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

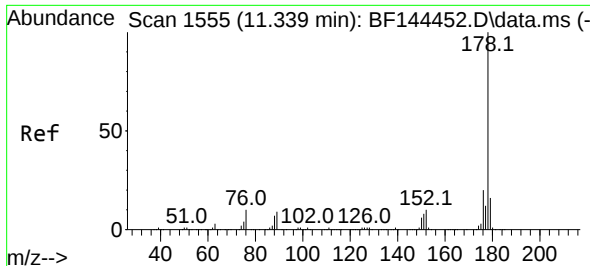
Tgt Ion:200 Resp: 26953
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.2 46.2
 215 48.0 27.2 67.2



#70
 Pentachlorophenol
 Concen: 2.985 ng
 RT: 11.104 min Scan# 1515
 Delta R.T. -0.006 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

Tgt Ion:266 Resp: 15474
 Ion Ratio Lower Upper
 266 100
 268 65.2 53.8 80.8
 264 64.7 51.2 76.8

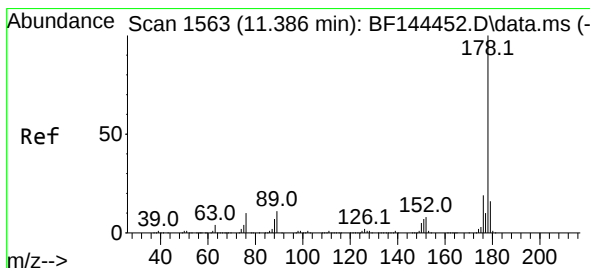
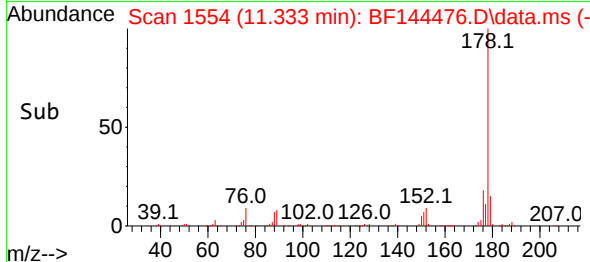
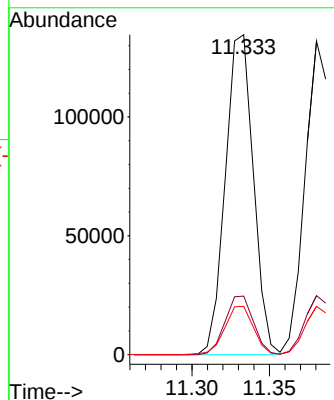
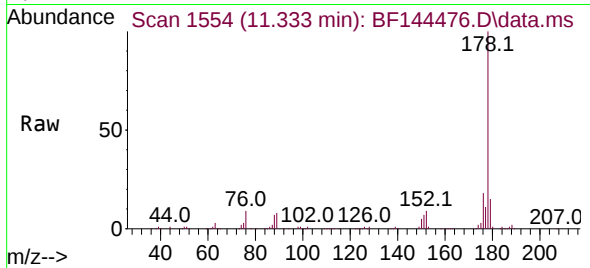




#71
Phenanthrene
Concen: 4.186 ng
RT: 11.333 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

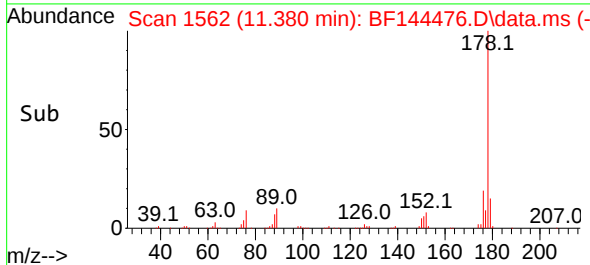
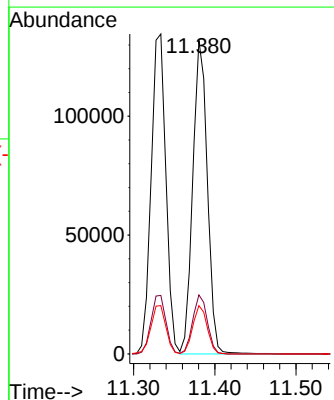
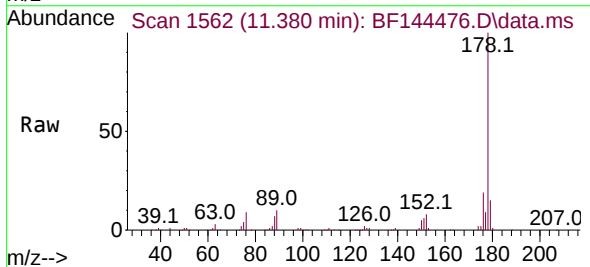
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

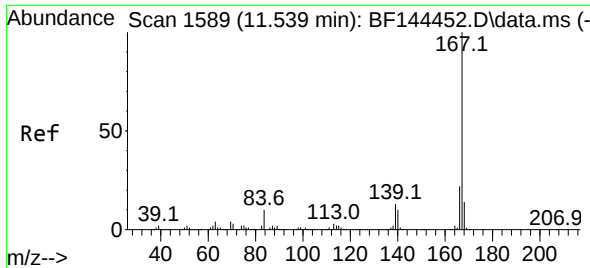
Tgt Ion:178 Resp: 170210
Ion Ratio Lower Upper
178 100
176 18.3 15.6 23.4
179 15.1 12.5 18.7



#72
Anthracene
Concen: 3.980 ng
RT: 11.380 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:178 Resp: 163786
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.4 12.7 19.1

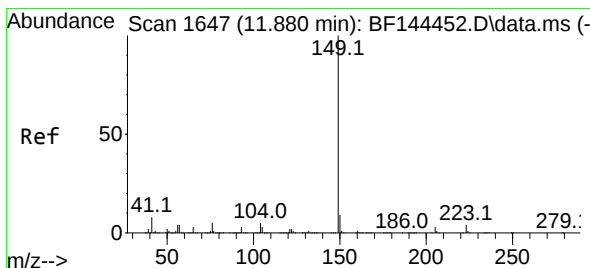
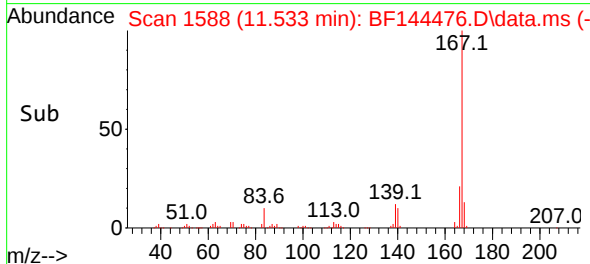
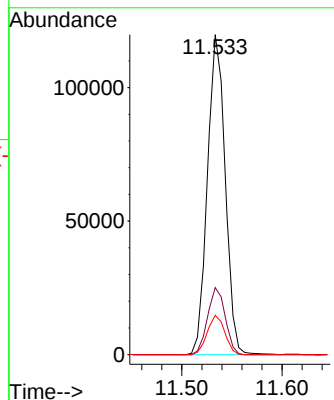
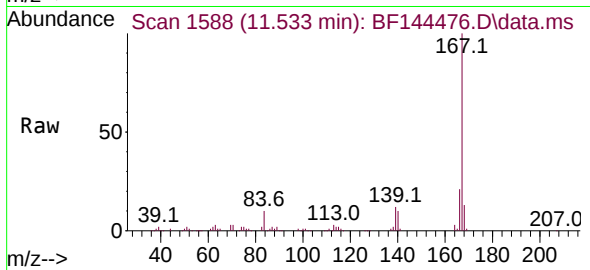




#73
 Carbazole
 Concen: 4.118 ng
 RT: 11.533 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

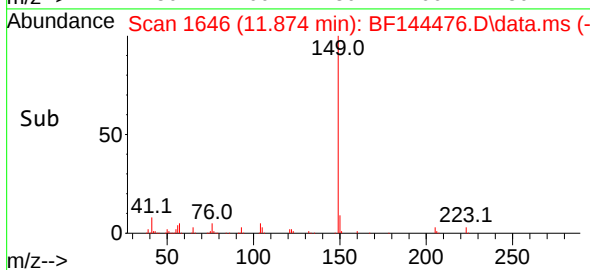
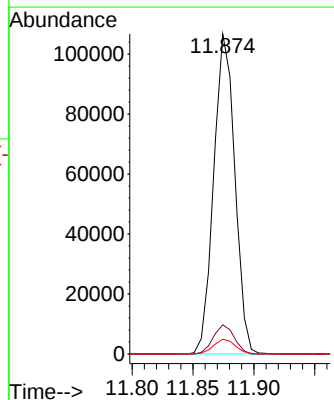
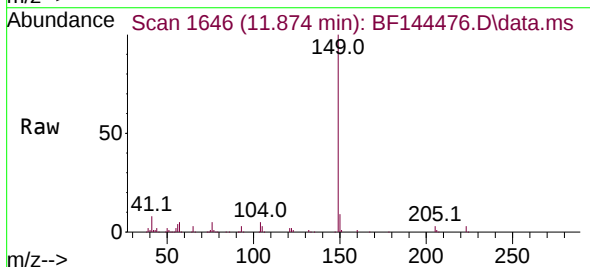
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

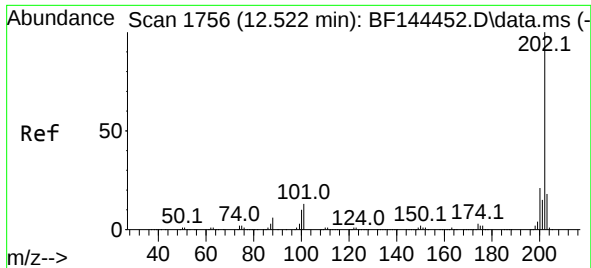
Tgt Ion:167 Resp: 147126
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.2
 139 12.3 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 3.367 ng
 RT: 11.874 min Scan# 1646
 Delta R.T. -0.006 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

Tgt Ion:149 Resp: 128587
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.6 3.9 5.9

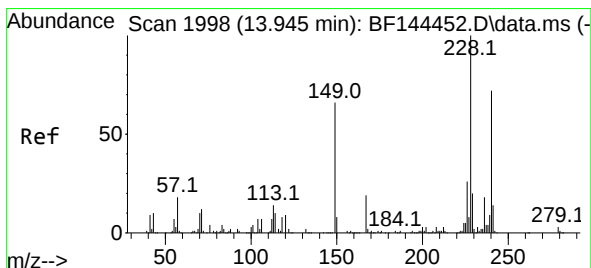
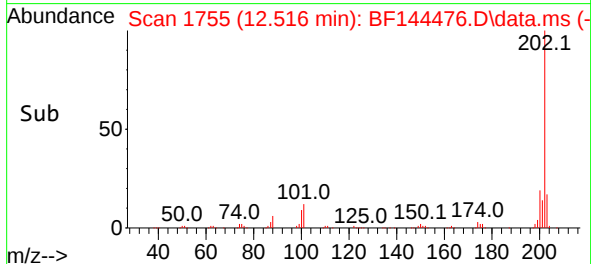
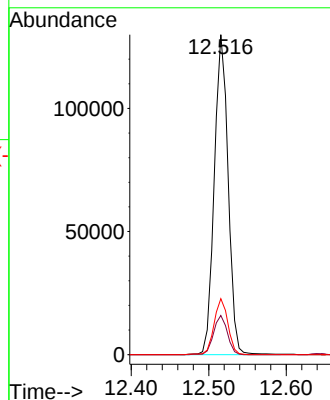
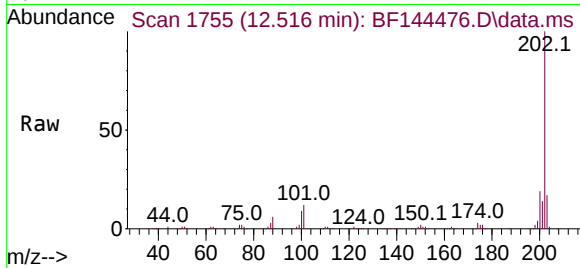




#75
Fluoranthene
Concen: 4.015 ng
RT: 12.516 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

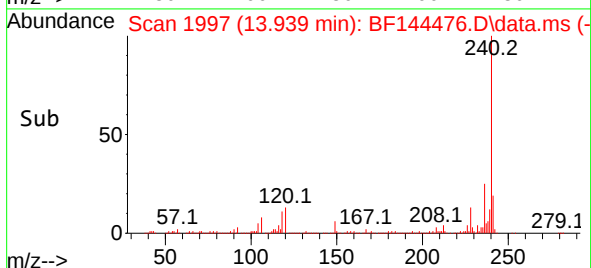
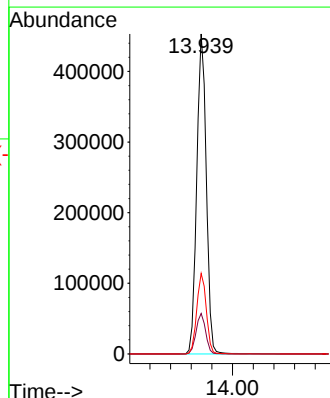
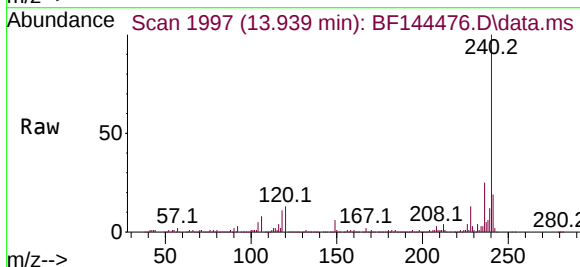
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

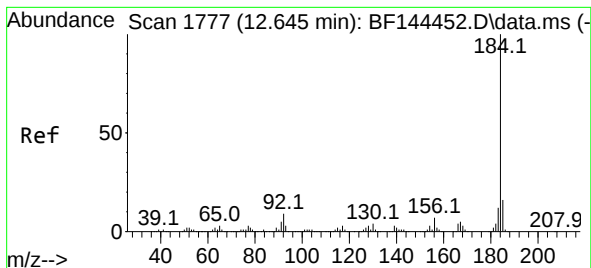
Tgt Ion:202	Resp: 161209
Ion Ratio	Lower Upper
202	100
101	12.2 0.0 32.9
203	17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:240	Resp: 578980
Ion Ratio	Lower Upper
240	100
120	12.6 10.3 15.5
236	25.1 20.2 30.4





#77

Benzidine

Concen: 3.078 ng

RT: 12.639 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

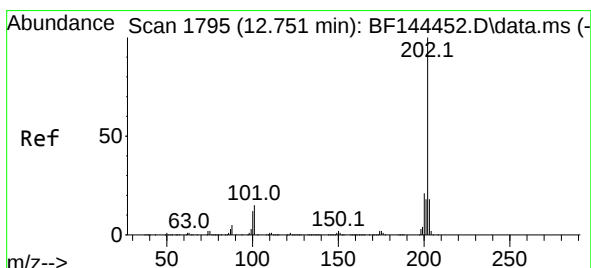
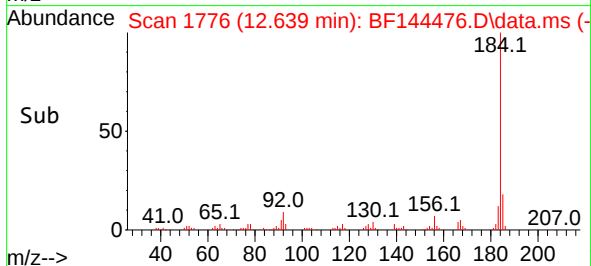
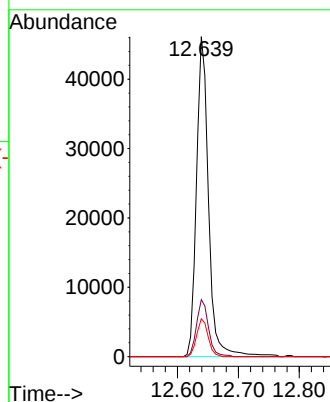
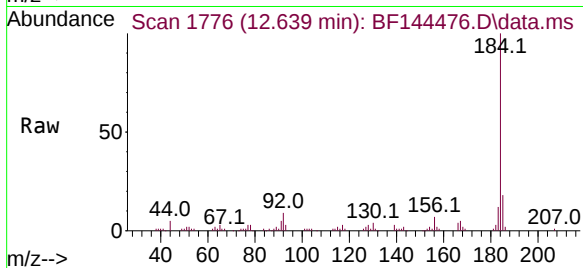
Tgt Ion:184 Resp: 63461

Ion Ratio Lower Upper

184 100

185 17.8 12.6 18.8

183 11.8 9.4 14.0



#78

Pyrene

Concen: 3.285 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

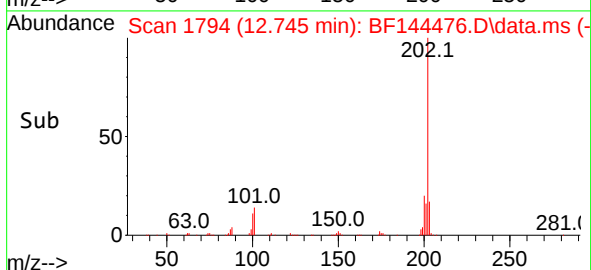
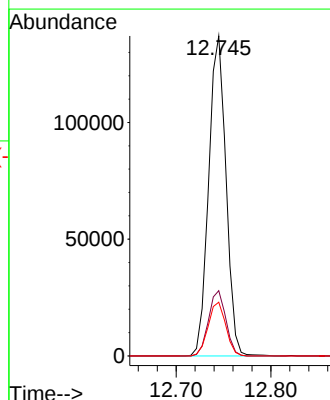
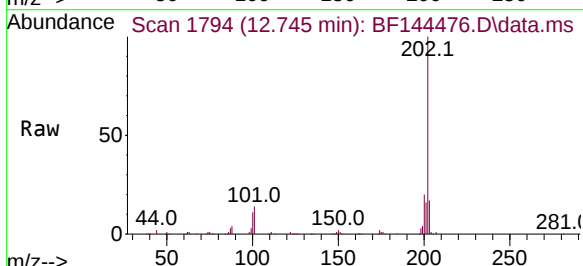
Tgt Ion:202 Resp: 174274

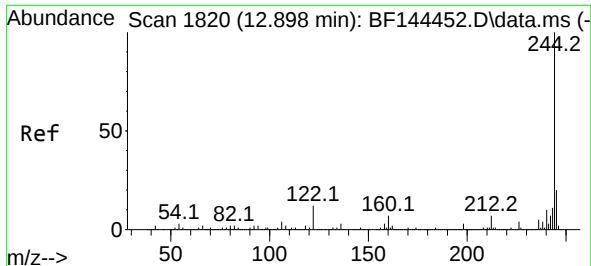
Ion Ratio Lower Upper

202 100

200 20.4 16.9 25.3

203 16.8 14.2 21.4

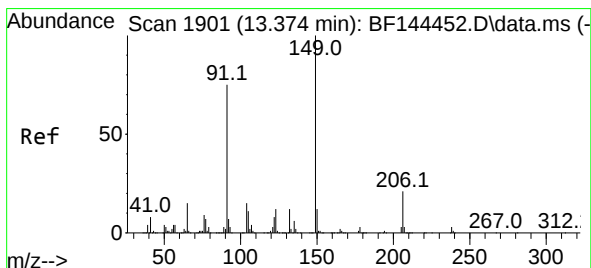
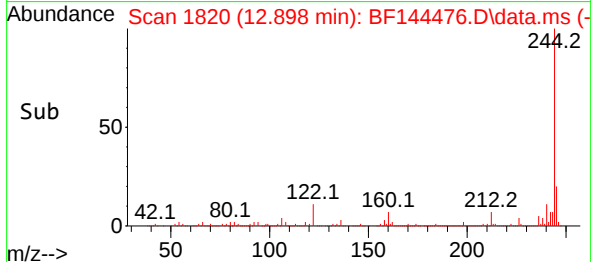
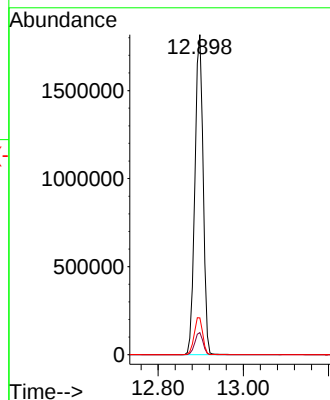
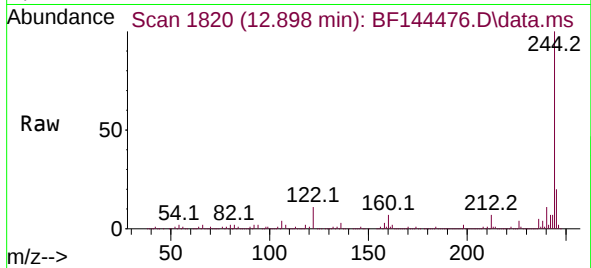




#79
 Terphenyl-d14
 Concen: 66.179 ng
 RT: 12.898 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

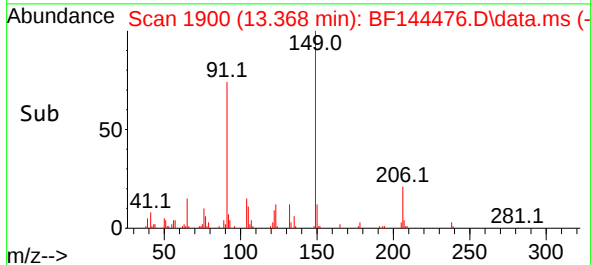
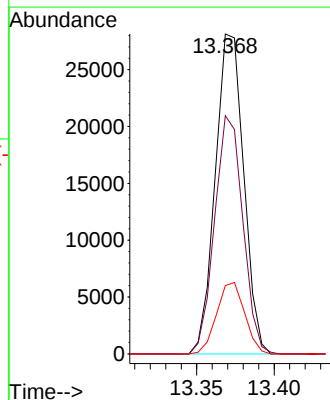
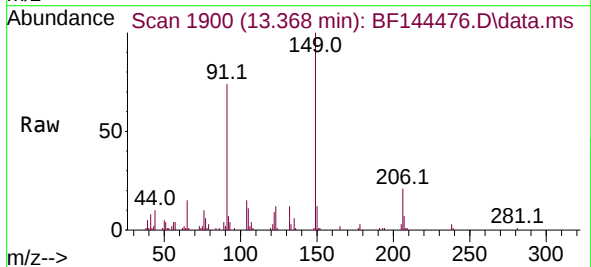
Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT4-2025

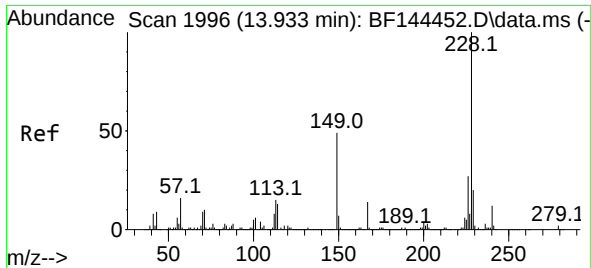
Tgt Ion:244 Resp: 2426952
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.5 9.9 14.9



#80
 Butylbenzylphthalate
 Concen: 5.172 ng
 RT: 13.368 min Scan# 1900
 Delta R.T. -0.006 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

Tgt Ion:149 Resp: 36040
 Ion Ratio Lower Upper
 149 100
 91 74.4 59.8 89.8
 206 21.4 17.0 25.6

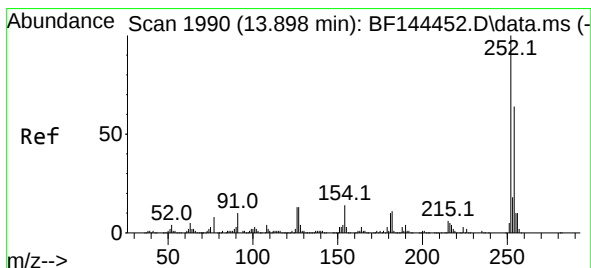
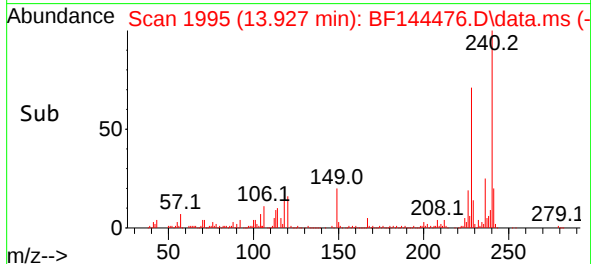
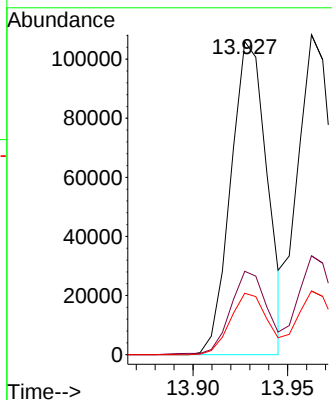
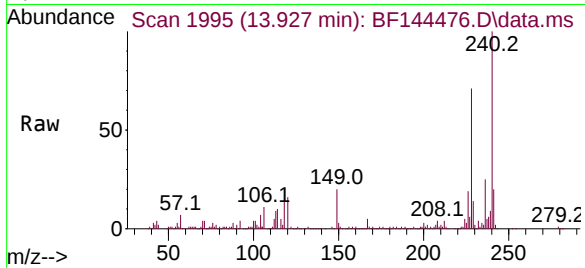




#81
Benzo(a)anthracene
Concen: 3.476 ng
RT: 13.927 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

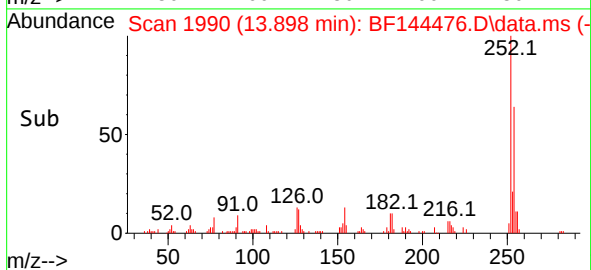
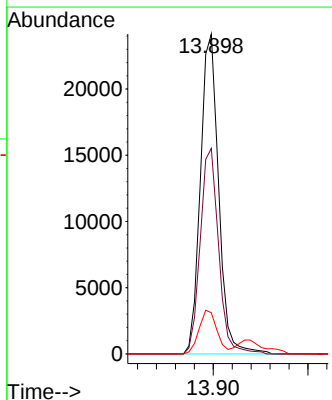
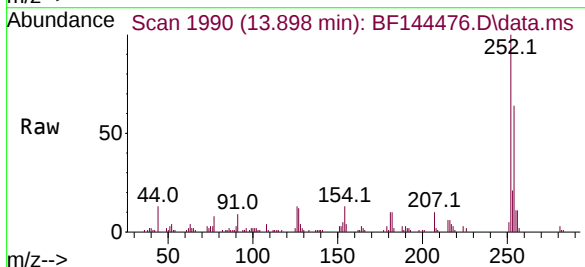
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

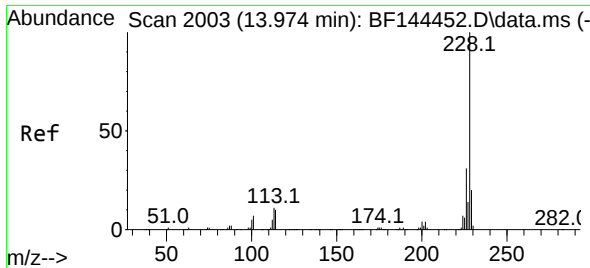
Tgt Ion:228 Resp: 141722
Ion Ratio Lower Upper
228 100
226 26.6 21.9 32.9
229 19.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 2.795 ng
RT: 13.898 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:252 Resp: 32297
Ion Ratio Lower Upper
252 100
254 64.2 51.1 76.7
126 12.9 10.4 15.6

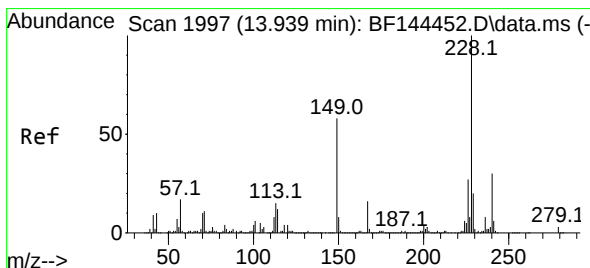
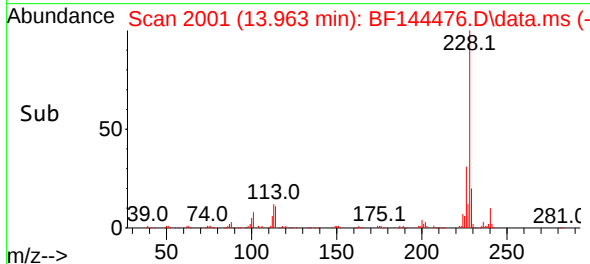
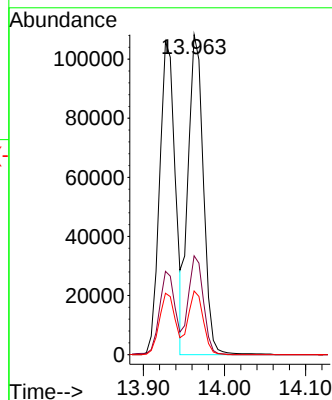
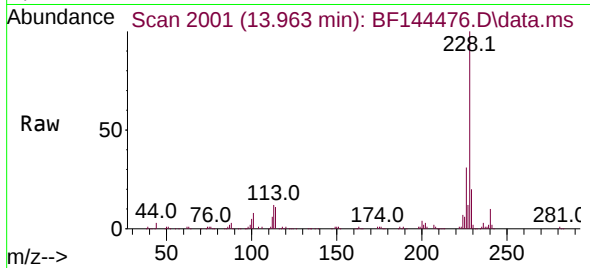




#83
Chrysene
Concen: 3.792 ng
RT: 13.963 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

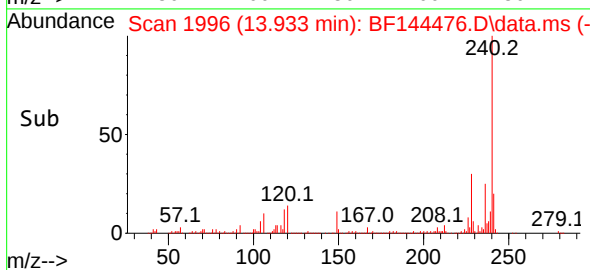
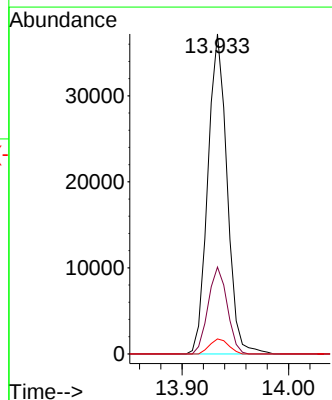
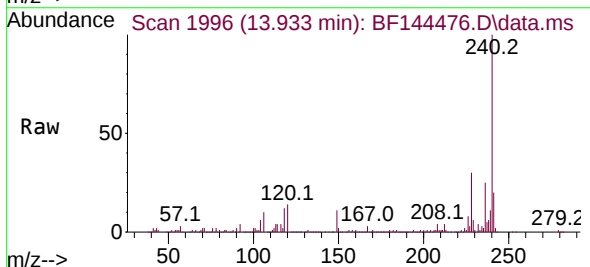
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

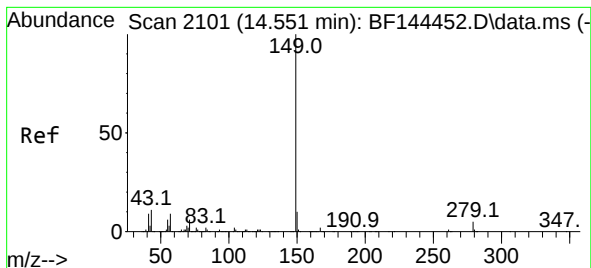
Tgt Ion:228 Resp: 141494
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 19.9 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.050 ng
RT: 13.933 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:149 Resp: 46615
Ion Ratio Lower Upper
149 100
167 27.1 22.6 34.0
279 4.7 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 7.691 ng

RT: 14.545 min Scan# 2100

Delta R.T. -0.006 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

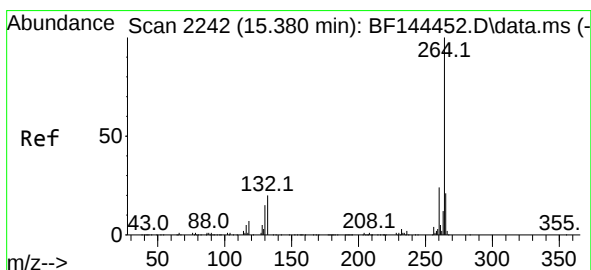
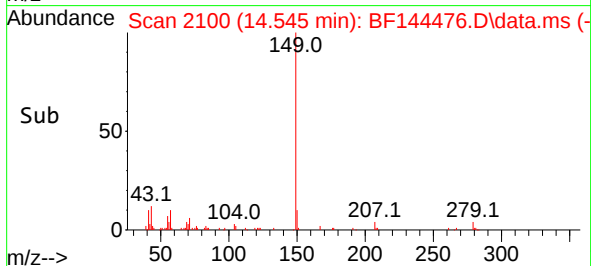
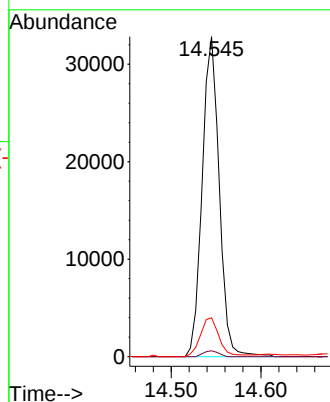
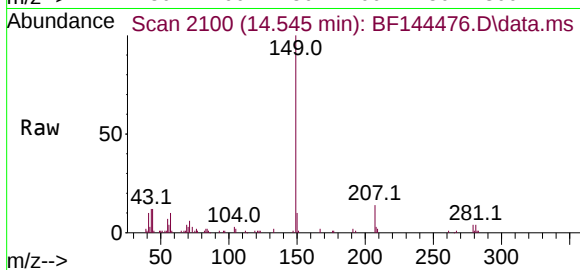
Tgt Ion:149 Resp: 43243

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.3 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.374 min Scan# 2241

Delta R.T. -0.006 min

Lab File: BF144476.D

Acq: 15 Dec 2025 16:08

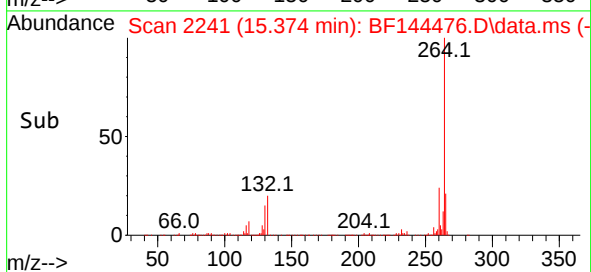
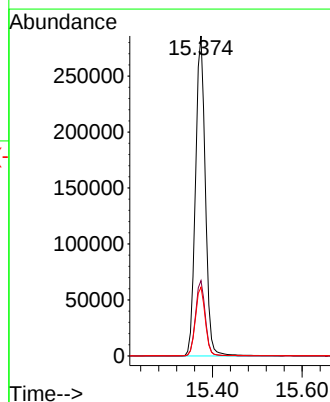
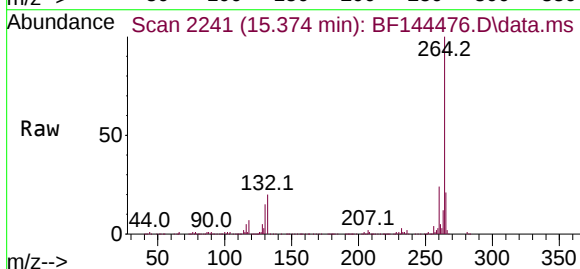
Tgt Ion:264 Resp: 434025

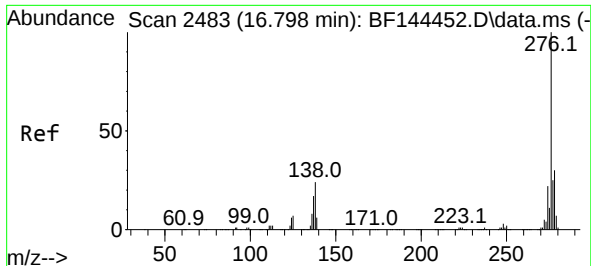
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

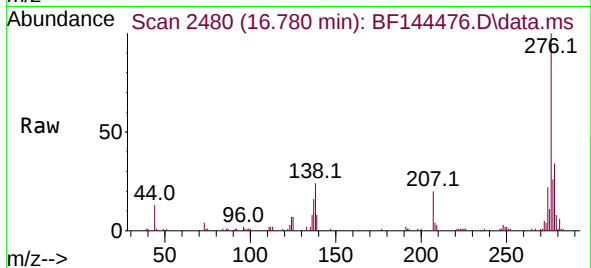
265 21.5 17.1 25.7



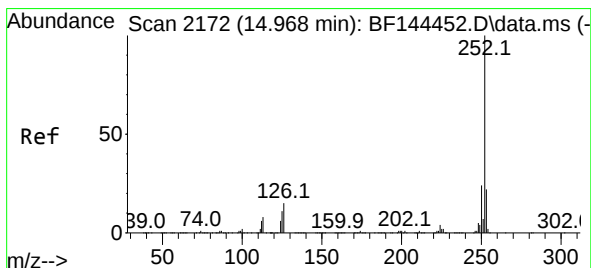
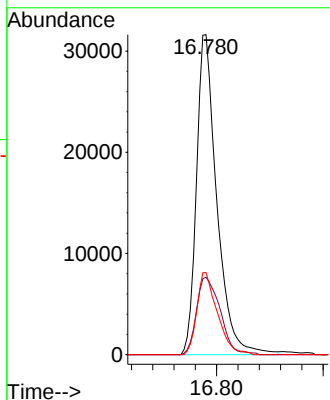
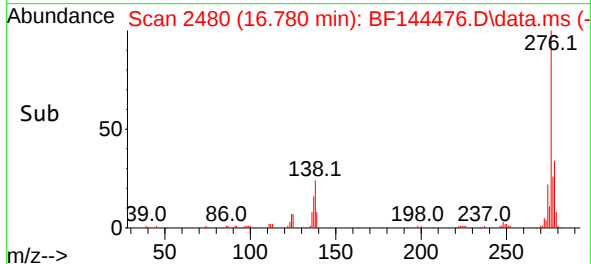


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.693 ng
RT: 16.780 min Scan# 2483
Delta R.T. -0.018 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

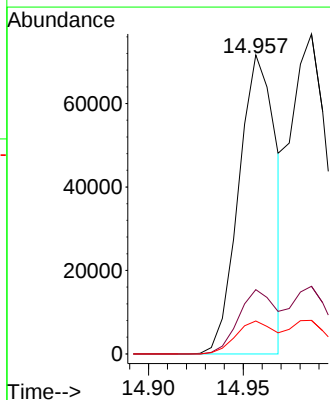
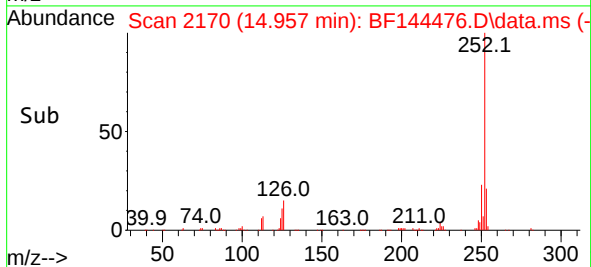
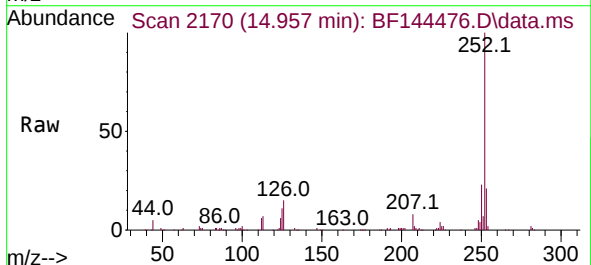


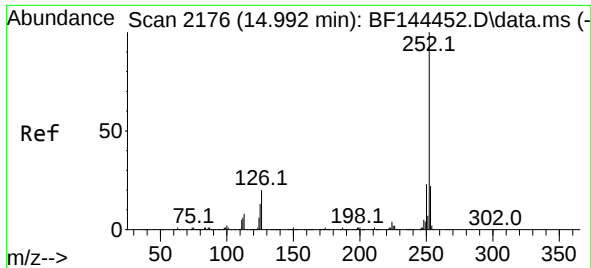
Tgt Ion:276 Resp: 83894
Ion Ratio Lower Upper
276 100
138 28.0 21.9 32.9
277 25.7 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 3.423 ng
RT: 14.957 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:252 Resp: 97531
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 11.0 9.0 13.4

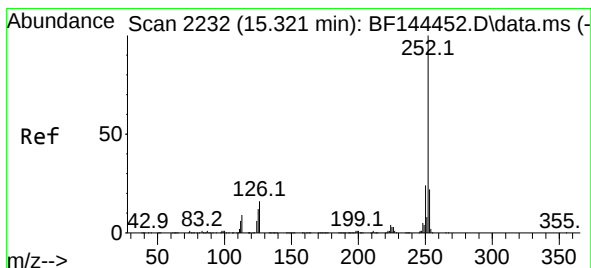
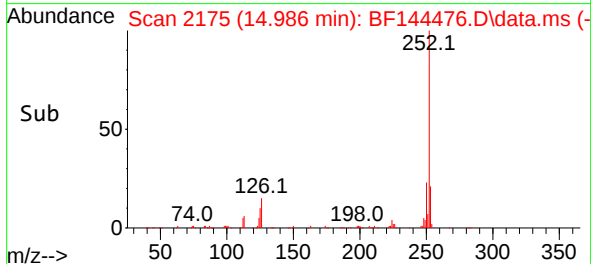
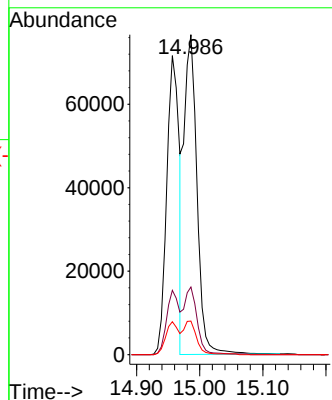
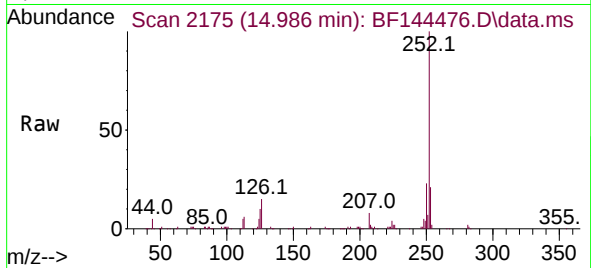




#89
Benzo(k)fluoranthene
Concen: 4.061 ng
RT: 14.986 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

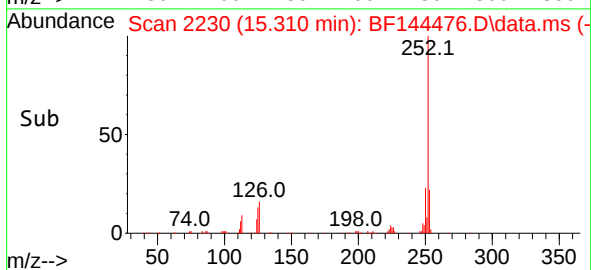
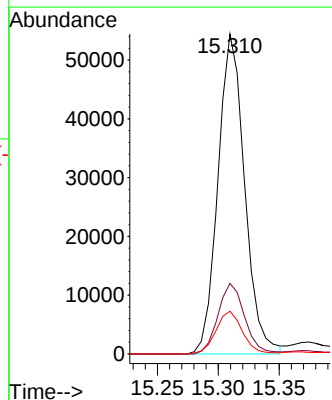
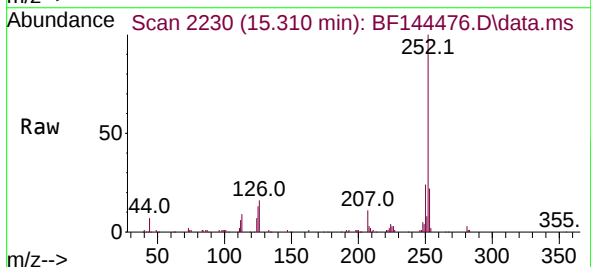
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

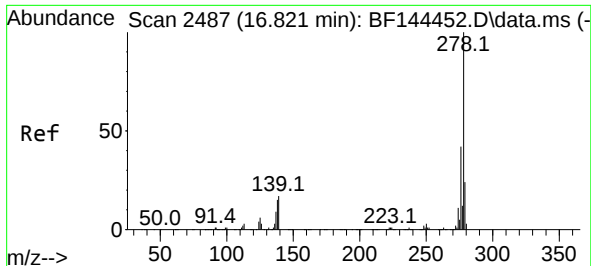
Tgt Ion:252 Resp: 109413
Ion Ratio Lower Upper
252 100
253 21.1 17.7 26.5
125 10.5 9.7 14.5



#90
Benzo(a)pyrene
Concen: 3.335 ng
RT: 15.310 min Scan# 2230
Delta R.T. -0.012 min
Lab File: BF144476.D
Acq: 15 Dec 2025 16:08

Tgt Ion:252 Resp: 83053
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 13.3 9.9 14.9

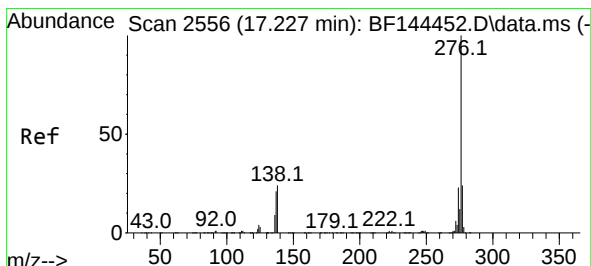
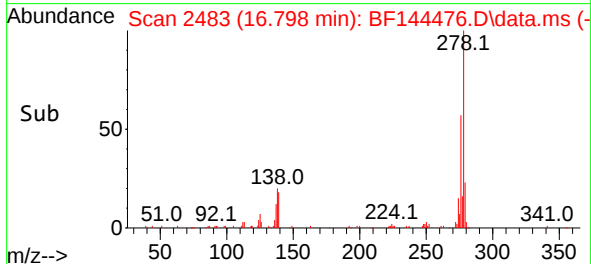
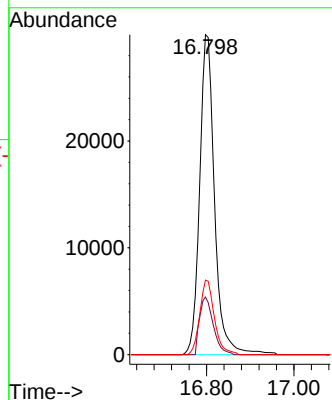
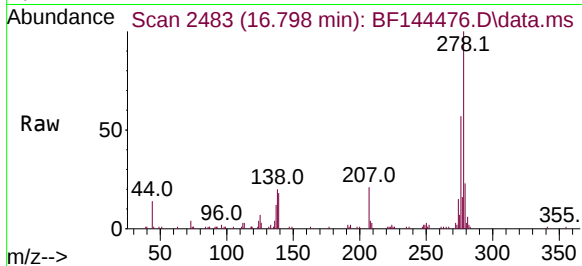




#91
 Dibenzo(a,h)anthracene
 Concen: 2.804 ng
 RT: 16.798 min Scan# 2483
 Delta R.T. -0.024 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Tgt Ion:	278	Resp:	70535
Ion Ratio	Lower	Upper	
278	100		
139	18.0	13.6	20.4
279	23.3	19.2	28.8



#92
 Benzo(g,h,i)perylene
 Concen: 2.833 ng
 RT: 17.204 min Scan# 2552
 Delta R.T. -0.024 min
 Lab File: BF144476.D
 Acq: 15 Dec 2025 16:08

Tgt Ion:	276	Resp:	72482
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.8	28.2
138	22.2	19.4	29.2

