

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144479.D
 Acq On : 15 Dec 2025 17:36
 Operator : RC/JU
 Sample : Q3530-07
 Misc : LOD-WATER-8NG
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Dec 15 17:56:15 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	218009	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	771705	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	408391	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	680311	20.000	ng	0.00
76) Chrysene-d12	13.939	240	537767	20.000	ng	0.00
86) Perylene-d12	15.374	264	399483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1850314	127.973	ng	0.00
7) Phenol-d6	6.416	99	2059865	114.218	ng	0.00
23) Nitrobenzene-d5	7.357	82	1238999	100.471	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	515143	139.520	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2176226	81.748	ng	0.00
79) Terphenyl-d14	12.898	244	2523373	74.082	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	64108	9.221	ng	98
3) Pyridine	3.269	79	134933	7.058	ng	98
4) n-Nitrosodimethylamine	3.152	42	63009	7.584	ng	98
6) Aniline	6.457	93	184498	7.334	ng	99
8) 2-Chlorophenol	6.575	128	125529	8.098	ng	89
9) Benzaldehyde	6.340	77	91466	6.479	ng	99
10) Phenol	6.428	94	161315	7.579	ng	# 71
11) bis(2-Chloroethyl)ether	6.528	93	111021	7.136	ng	97
12) 1,3-Dichlorobenzene	6.734	146	144330	8.618	ng	97
13) 1,4-Dichlorobenzene	6.810	146	144059	8.573	ng	99
14) 1,2-Dichlorobenzene	6.963	146	133458	8.363	ng	98
15) Benzyl Alcohol	6.928	79	94887	7.138	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	174649	6.652	ng	99
17) 2-Methylphenol	7.034	107	93045	7.121	ng	98
18) Hexachloroethane	7.310	117	47876	8.200	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	80560	7.072	ng	99
20) 3+4-Methylphenols	7.187	107	120728	7.519	ng	# 87
22) Acetophenone	7.198	105	161538	8.439	ng	95
24) Nitrobenzene	7.369	77	122223	9.136	ng	100
25) Isophorone	7.610	82	208163	7.479	ng	99
26) 2-Nitrophenol	7.687	139	43402	11.078	ng	97
27) 2,4-Dimethylphenol	7.722	122	84196	6.340	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	132591	7.732	ng	98
29) 2,4-Dichlorophenol	7.922	162	90717	8.222	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	105539	8.819	ng	98
31) Naphthalene	8.092	128	346523	8.343	ng	99
32) Benzoic acid	7.769	122	35612	10.521	ng	98
33) 4-Chloroaniline	8.139	127	133394	7.990	ng	99
34) Hexachlorobutadiene	8.216	225	60062	8.117	ng	99
35) Caprolactam	8.469	113	25982	7.131	ng	98
36) 4-Chloro-3-methylphenol	8.610	107	92563	7.728	ng	99
37) 2-Methylnaphthalene	8.786	142	198530	7.265	ng	99
38) 1-Methylnaphthalene	8.886	142	209626	7.878	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	99616	8.571	ng	99
41) Hexachlorocyclopentadiene	8.939	237	36782	5.347	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	60219	8.159	ng	99

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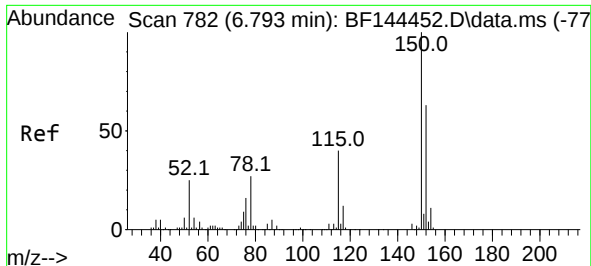
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	64985	8.389	ng	97
46) 1,1'-Biphenyl	9.251	154	274855	8.612	ng	98
47) 2-Chloronaphthalene	9.275	162	202357	8.306	ng	97
48) 2-Nitroaniline	9.363	65	49802	10.220	ng	100
49) Acenaphthylene	9.686	152	317057	8.214	ng	98
50) Dimethylphthalate	9.545	163	226173	8.199	ng	99
51) 2,6-Dinitrotoluene	9.604	165	43892	11.884	ng	99
52) Acenaphthene	9.857	154	200425	8.327	ng	99
53) 3-Nitroaniline	9.769	138	49432	10.499	ng	94
54) 2,4-Dinitrophenol	9.875	184	11221	12.057	ng	# 50
55) Dibenzofuran	10.028	168	288752	8.432	ng	97
56) 4-Nitrophenol	9.916	139	36372	7.742	ng	99
57) 2,4-Dinitrotoluene	10.004	165	52554	10.882	ng	94
58) Fluorene	10.369	166	225854	8.710	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	53347	9.072	ng	99
60) Diethylphthalate	10.245	149	209322	8.006	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	106792	8.394	ng	98
62) 4-Nitroaniline	10.375	138	48075	9.983	ng	98
63) Azobenzene	10.528	77	215339	7.793	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	18481	12.266	ng	96
66) n-Nitrosodiphenylamine	10.480	169	191507	8.214	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	64421	8.111	ng	97
68) Hexachlorobenzene	10.916	284	71101	8.110	ng	98
69) Atrazine	11.004	200	59091	8.092	ng	100
70) Pentachlorophenol	11.104	266	36847	7.368	ng	96
71) Phenanthrene	11.333	178	332376	8.475	ng	99
72) Anthracene	11.380	178	323073	8.139	ng	99
73) Carbazole	11.533	167	299867	8.702	ng	98
74) Di-n-butylphthalate	11.874	149	302360	8.208	ng	99
75) Fluoranthene	12.516	202	338585	8.742	ng	99
77) Benzidine	12.639	184	102577	5.357	ng	97
78) Pyrene	12.745	202	356366	7.233	ng	99
80) Butylbenzylphthalate	13.369	149	101987	9.089	ng	99
81) Benzo(a)anthracene	13.927	228	293121	7.740	ng	98
82) 3,3'-Dichlorobenzidine	13.898	252	80987	7.547	ng	99
83) Chrysene	13.963	228	287104	8.284	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	124426	9.068	ng	100
85) Di-n-octyl phthalate	14.545	149	142523	10.720	ng	99
87) Indeno(1,2,3-cd)pyrene	16.780	276	210660	7.347	ng	100
88) Benzo(b)fluoranthene	14.957	252	236843	9.031	ng	99
89) Benzo(k)fluoranthene	14.986	252	195653	7.890	ng	99
90) Benzo(a)pyrene	15.310	252	184552	8.051	ng	99
91) Dibenzo(a,h)anthracene	16.804	278	174071	7.517	ng	98
92) Benzo(g,h,i)perylene	17.204	276	174754	7.422	ng	99

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

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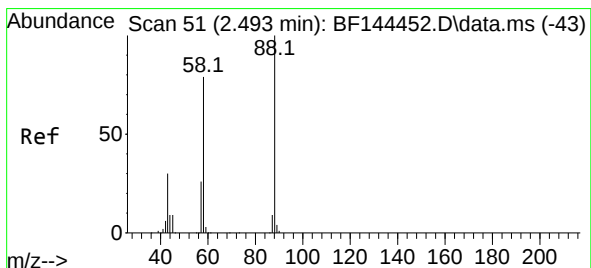
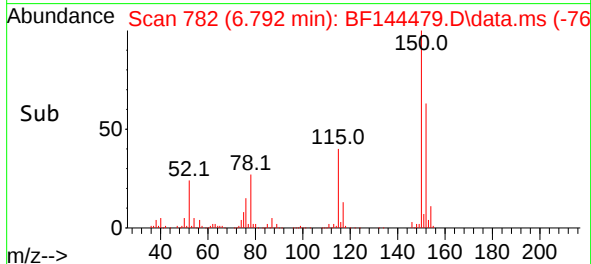
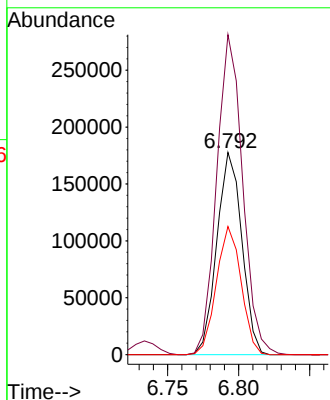
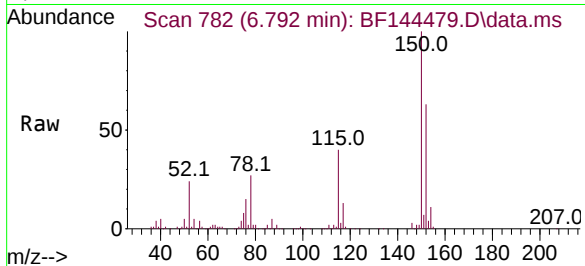




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 782
 Delta R.T. -0.001 min
 Lab File: BF144479.D
 Acq: 15 Dec 2025 17:36

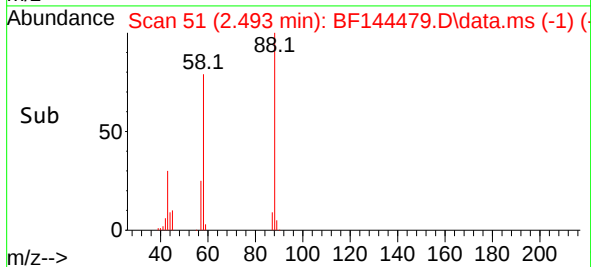
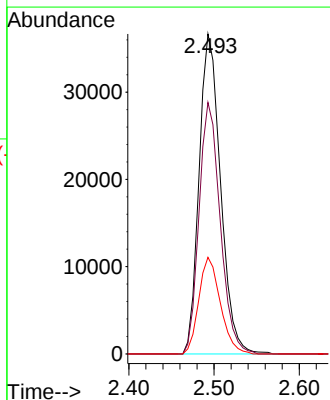
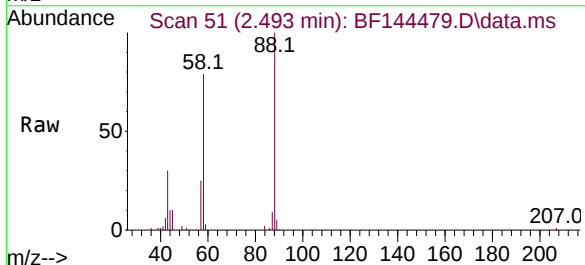
Instrument :
 BNA_F
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 LOD-MDL-WATER-01-QT4-2025

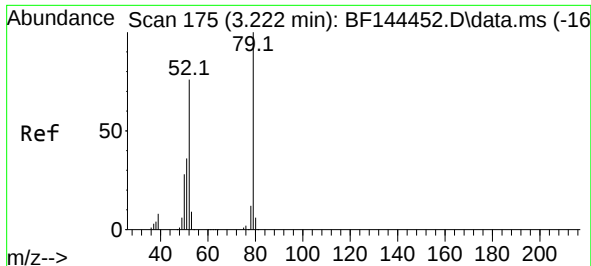
Tgt Ion:152 Resp: 218009
 Ion Ratio Lower Upper
 152 100
 150 158.3 127.4 191.2
 115 63.3 51.4 77.0



#2
 1,4-Dioxane
 Concen: 9.221 ng
 RT: 2.493 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BF144479.D
 Acq: 15 Dec 2025 17:36

Tgt Ion: 88 Resp: 64108
 Ion Ratio Lower Upper
 88 100
 58 77.4 63.9 95.9
 43 30.3 24.2 36.4





#3

Pyridine

Concen: 7.058 ng

RT: 3.269 min Scan# 18

Delta R.T. 0.047 min

Lab File: BF144479.D

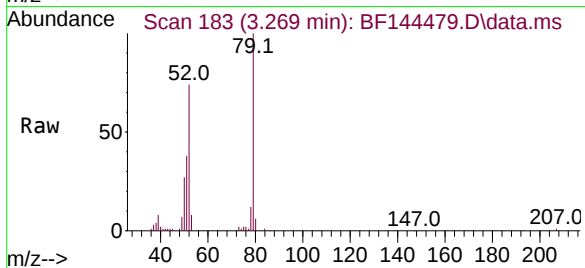
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Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



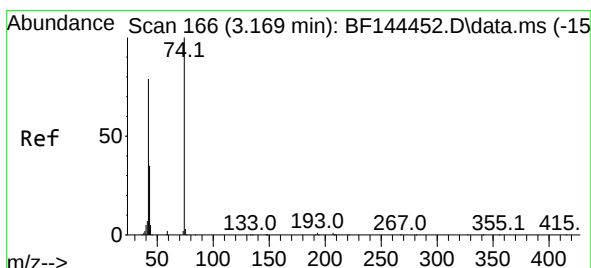
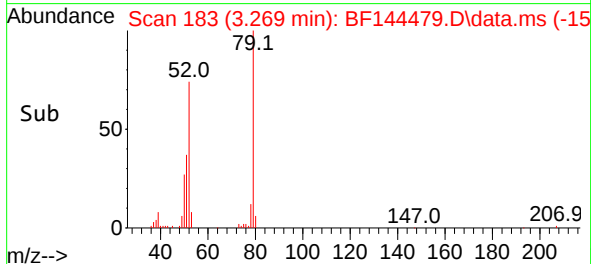
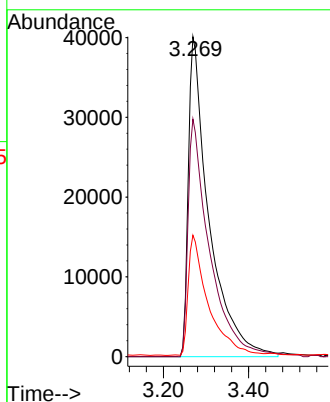
Tgt Ion: 79 Resp: 134933

Ion Ratio Lower Upper

79 100

52 74.2 60.5 90.7

51 37.9 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 7.584 ng

RT: 3.152 min Scan# 163

Delta R.T. -0.018 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

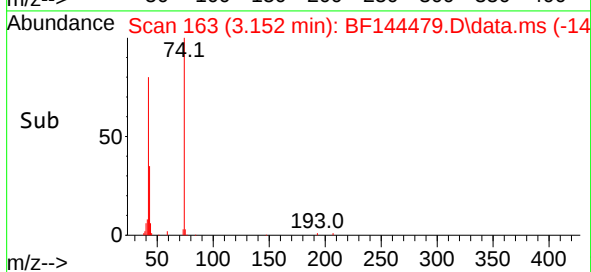
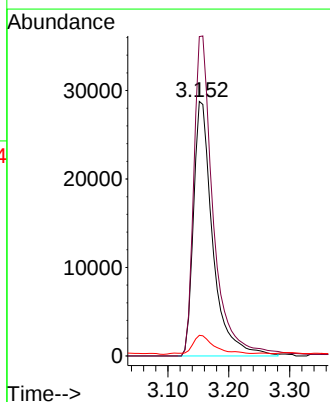
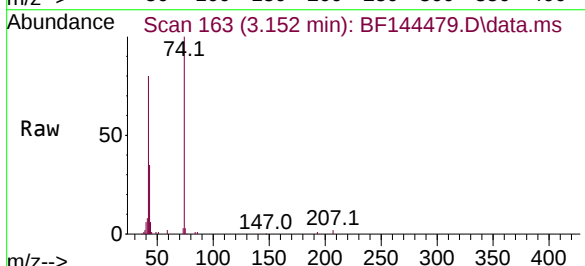
Tgt Ion: 42 Resp: 63009

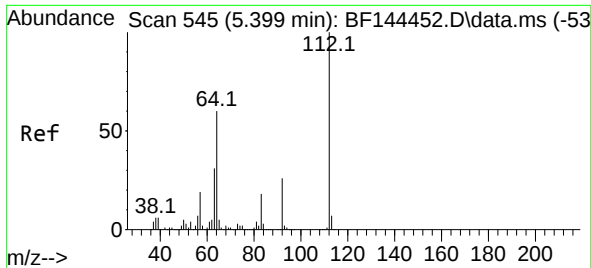
Ion Ratio Lower Upper

42 100

74 125.4 101.8 152.8

44 8.1 5.7 8.5

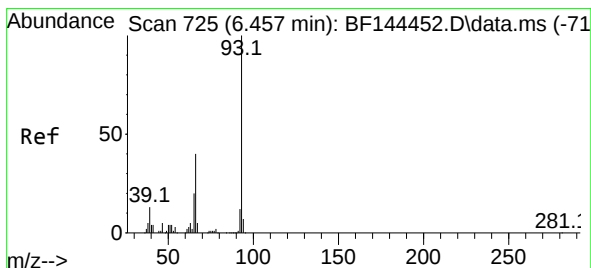
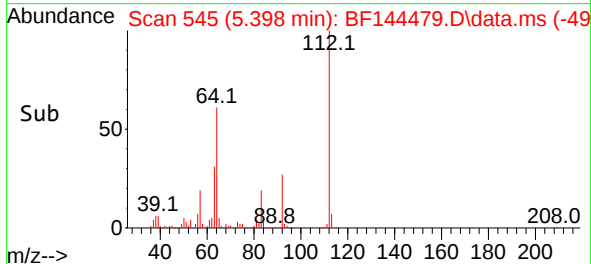
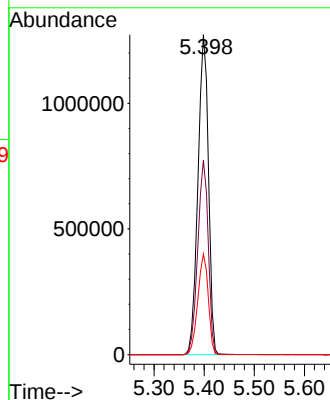
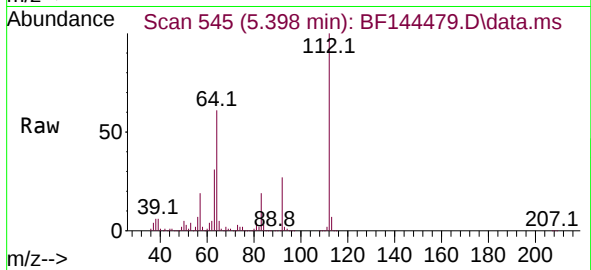




#5
2-Fluorophenol
Concen: 127.973 ng
RT: 5.398 min Scan# 54
Delta R.T. -0.000 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

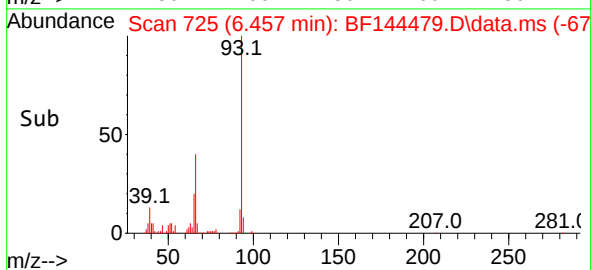
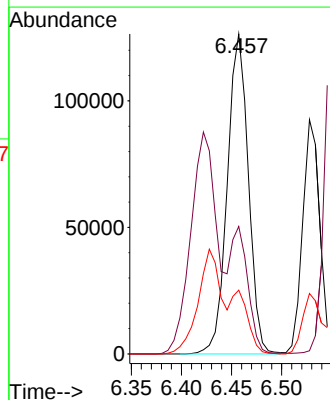
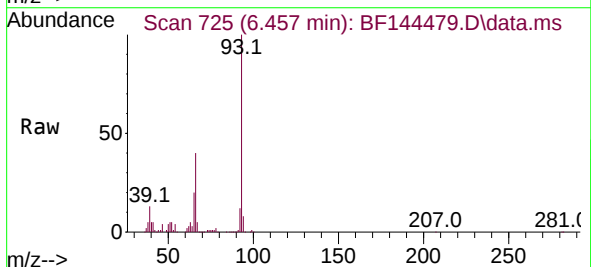
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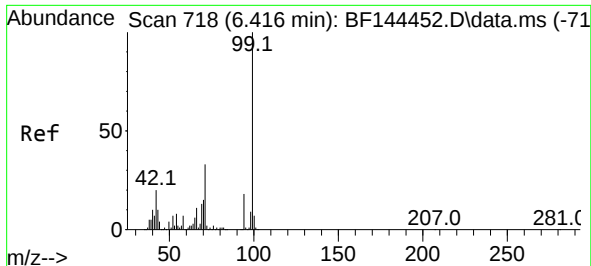
Tgt Ion:112 Resp: 1850314
Ion Ratio Lower Upper
112 100
64 60.8 47.8 71.6
63 31.5 24.6 37.0



#6
Aniline
Concen: 7.334 ng
RT: 6.457 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion: 93 Resp: 184498
Ion Ratio Lower Upper
93 100
66 39.8 32.4 48.6
65 20.0 16.1 24.1

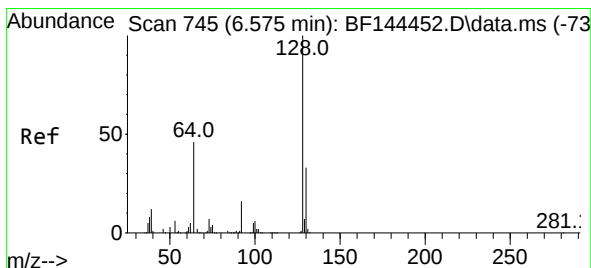
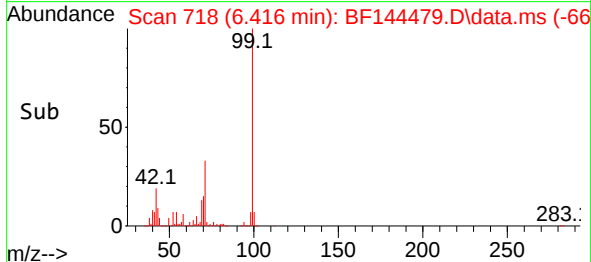
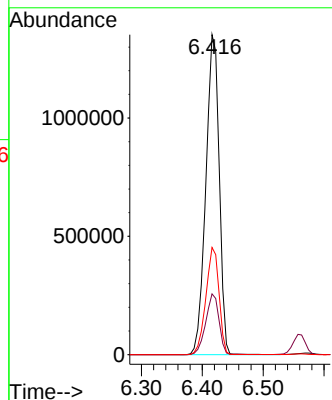
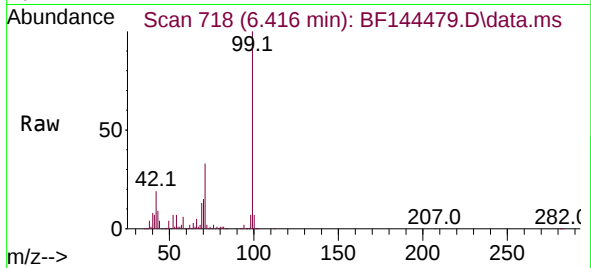




#7
Phenol-d6
Concen: 114.218 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

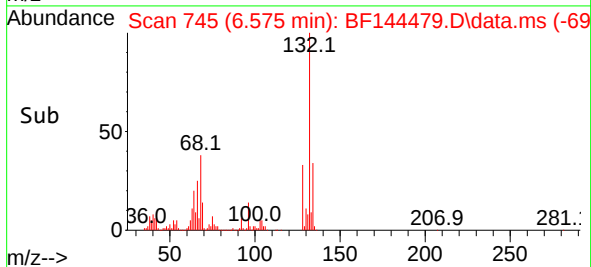
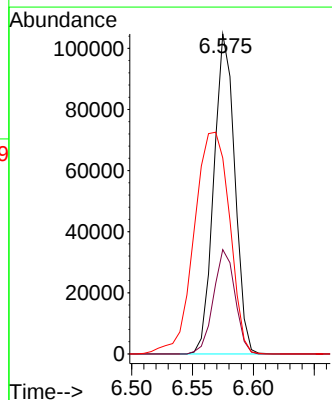
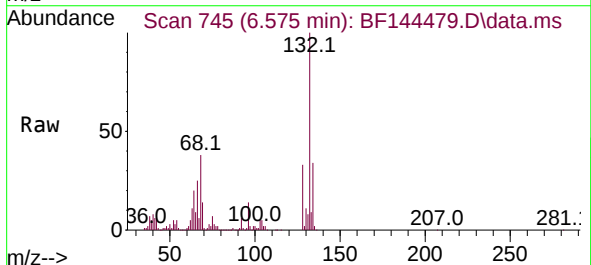
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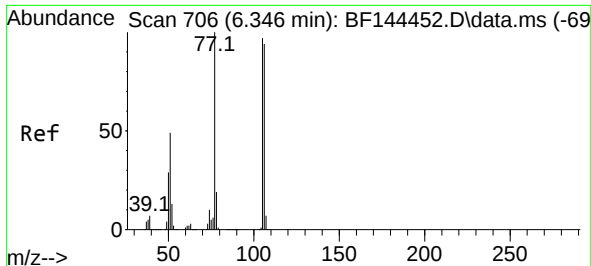
Tgt Ion: 99 Resp: 2059865
Ion Ratio Lower Upper
99 100
42 19.0 15.7 23.5
71 33.5 26.4 39.6



#8
2-Chlorophenol
Concen: 8.098 ng
RT: 6.575 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion: 128 Resp: 125529
Ion Ratio Lower Upper
128 100
130 32.6 13.0 53.0
64 61.2 28.9 68.9

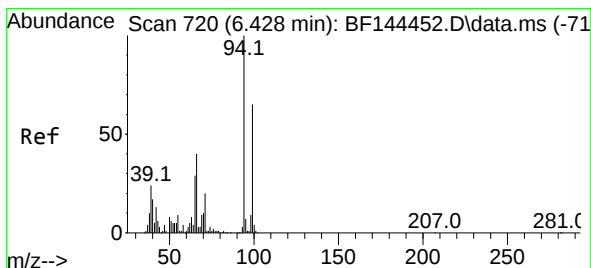
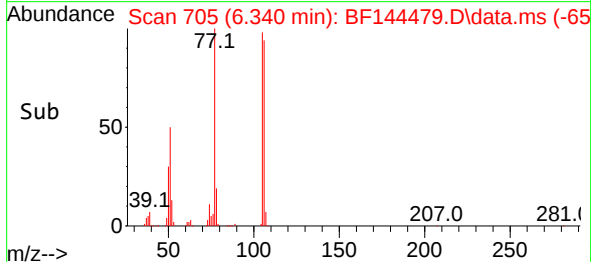
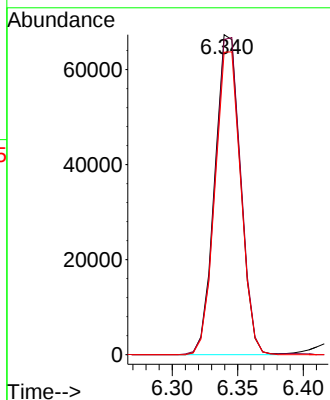
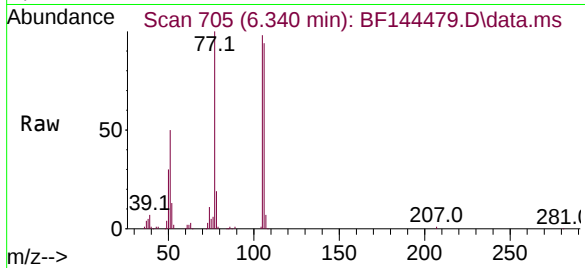




#9
Benzaldehyde
Concen: 6.479 ng
RT: 6.340 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

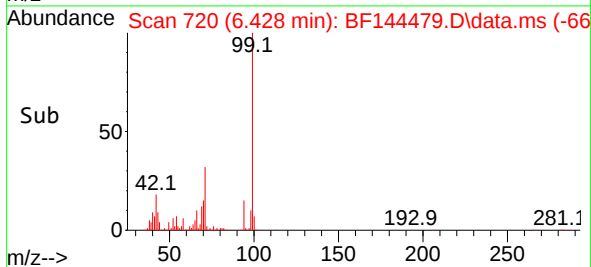
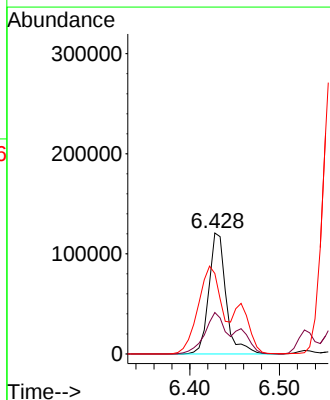
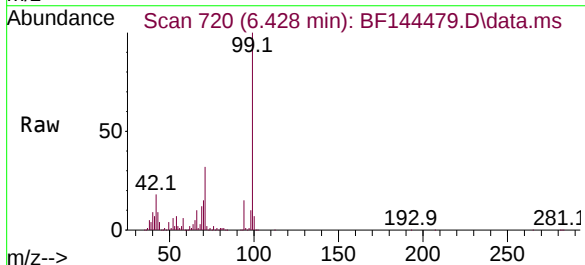
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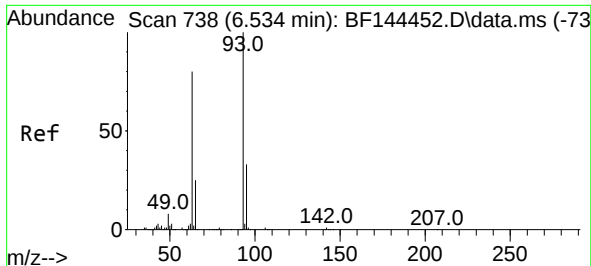
Tgt Ion: 77 Resp: 91466
Ion Ratio Lower Upper
77 100
105 98.5 77.0 117.0
106 94.5 74.1 114.1



#10
Phenol
Concen: 7.579 ng
RT: 6.428 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion: 94 Resp: 161315
Ion Ratio Lower Upper
94 100
65 34.3 9.1 49.1
66 66.5 20.3 60.3#

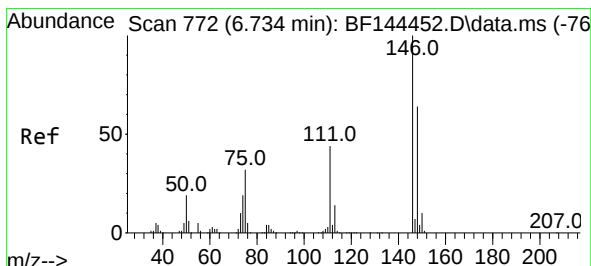
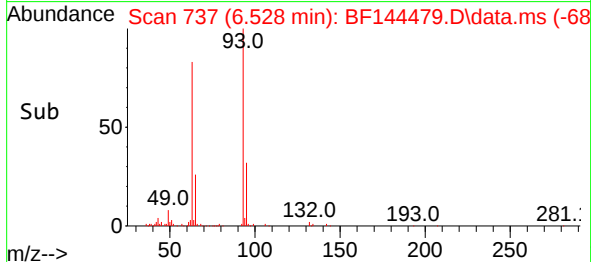
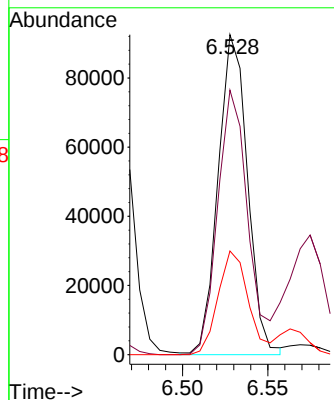
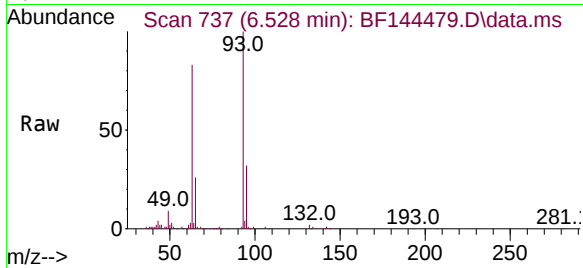




#11
bis(2-Chloroethyl)ether
Concen: 7.136 ng
RT: 6.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

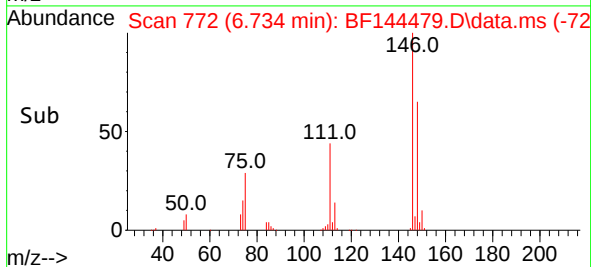
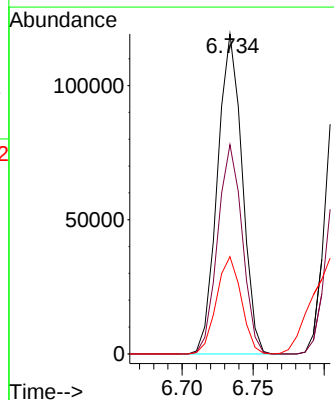
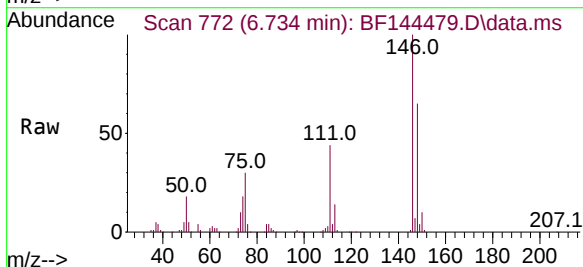
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

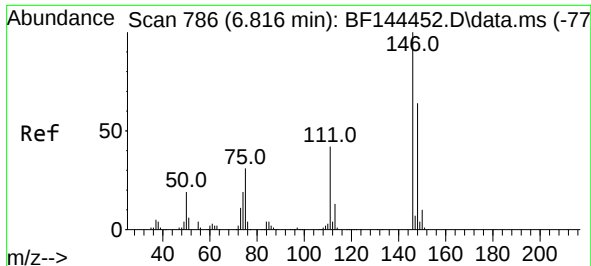
Tgt Ion: 93 Resp: 111021
Ion Ratio Lower Upper
93 100
63 82.6 59.8 99.8
95 32.4 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 8.618 ng
RT: 6.734 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion: 146 Resp: 144330
Ion Ratio Lower Upper
146 100
148 65.4 51.0 76.6
75 30.4 25.8 38.8

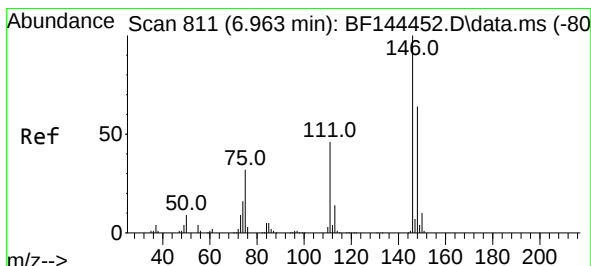
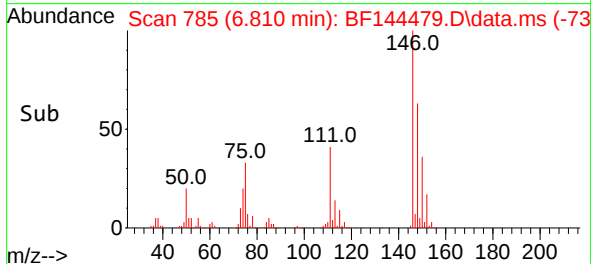
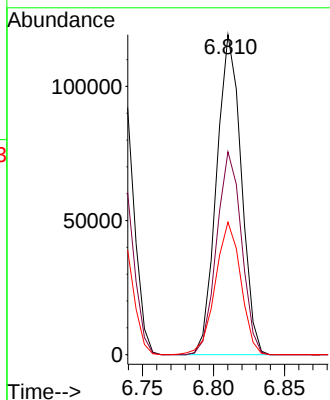
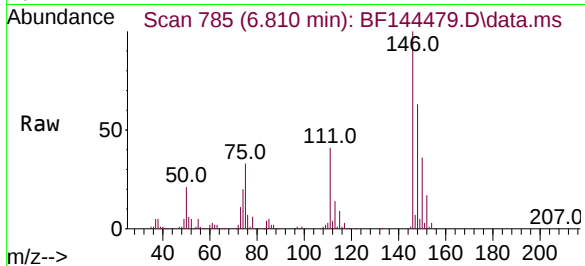




#13
1,4-Dichlorobenzene
Concen: 8.573 ng
RT: 6.810 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

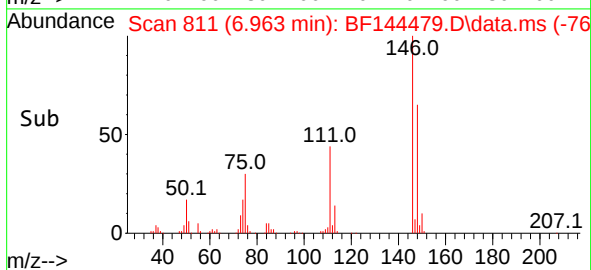
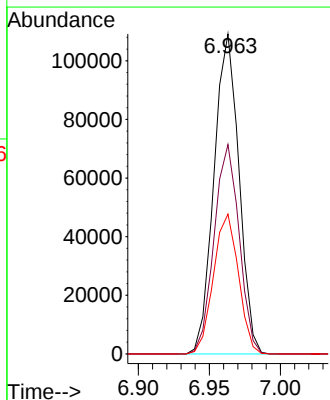
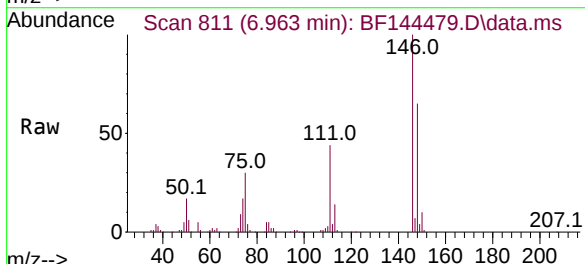
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

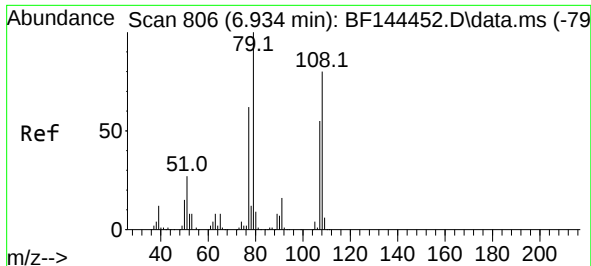
Tgt Ion:146 Resp: 144059
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
111 41.4 33.8 50.8



#14
1,2-Dichlorobenzene
Concen: 8.363 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:146 Resp: 133458
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.2
111 43.7 36.5 54.7

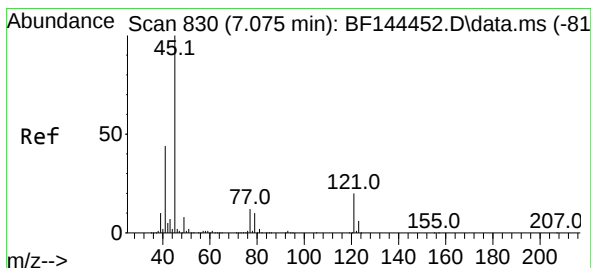
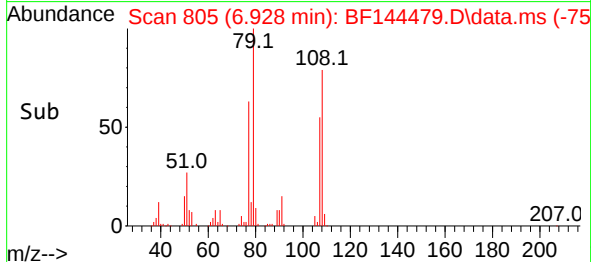
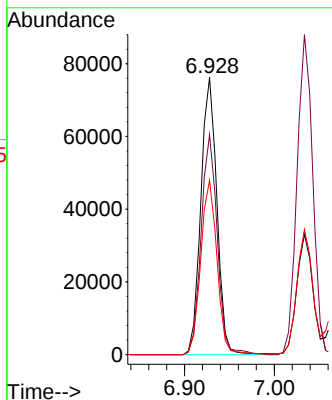
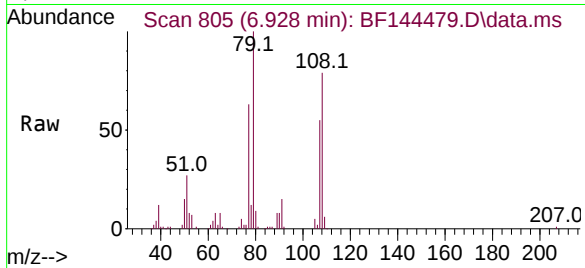




#15
Benzyl Alcohol
Concen: 7.138 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

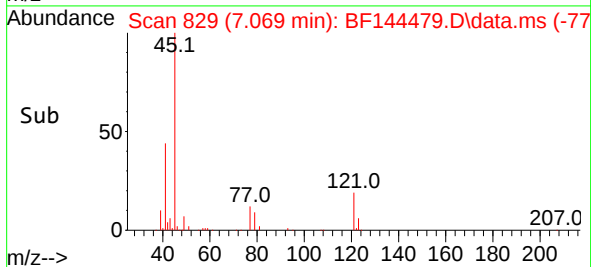
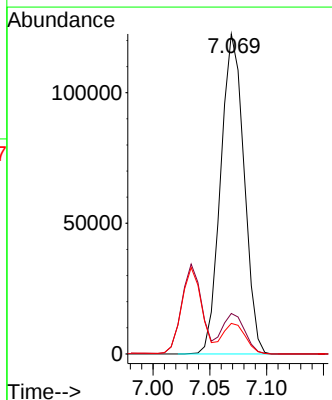
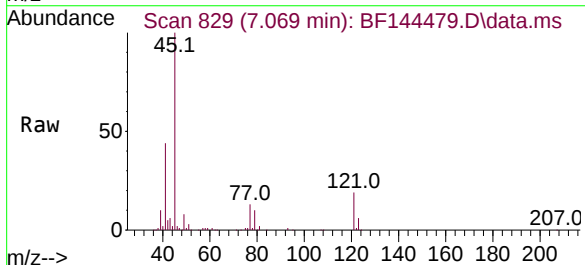
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

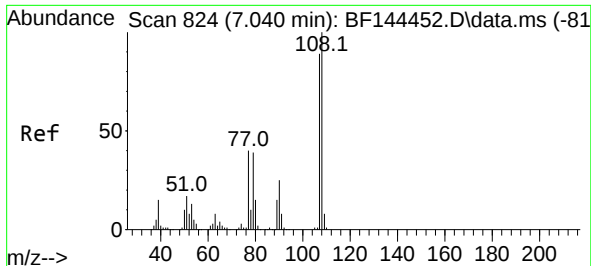
Tgt Ion: 79 Resp: 94887
Ion Ratio Lower Upper
79 100
108 79.3 63.7 95.5
77 62.8 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.652 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion: 45 Resp: 174649
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.6
79 9.5 0.0 29.9

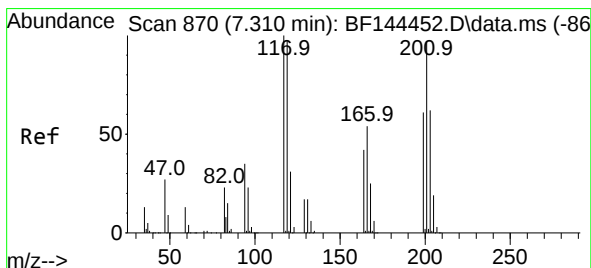
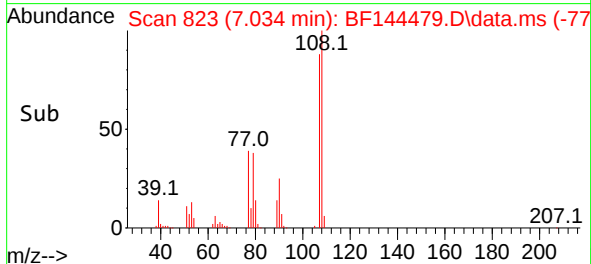
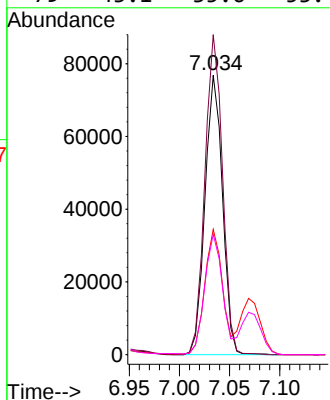
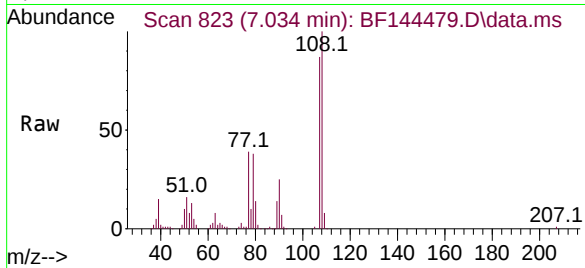




#17
2-Methylphenol
Concen: 7.121 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

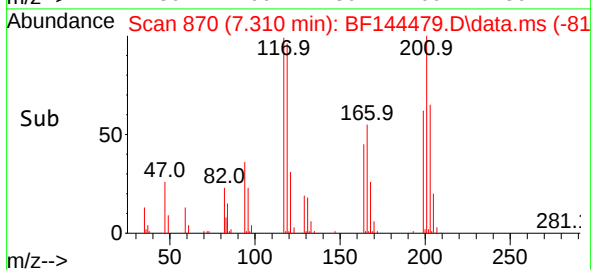
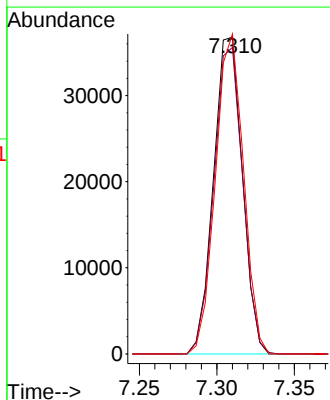
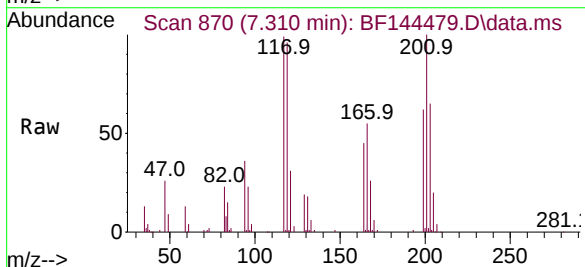
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

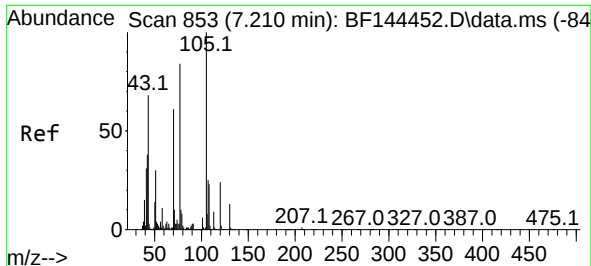
Tgt Ion:	107	Resp:	93045
Ion	Ratio	Lower	Upper
107	100		
108	114.5	89.9	134.9
77	44.8	35.7	53.5
79	43.1	35.6	53.4



#18
Hexachloroethane
Concen: 8.200 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:	117	Resp:	47876
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.5	116.3
201	101.0	77.3	115.9

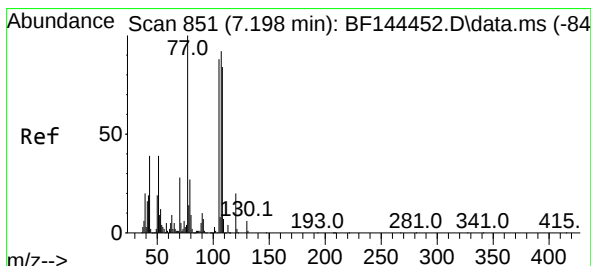
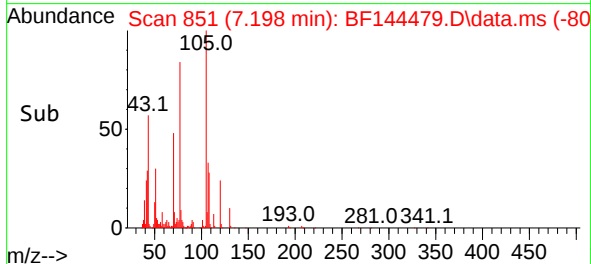
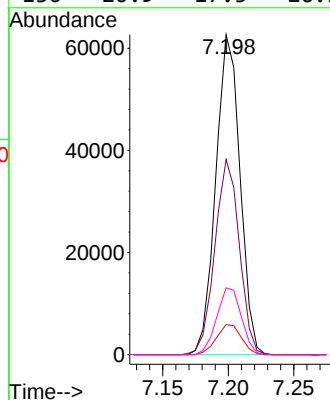
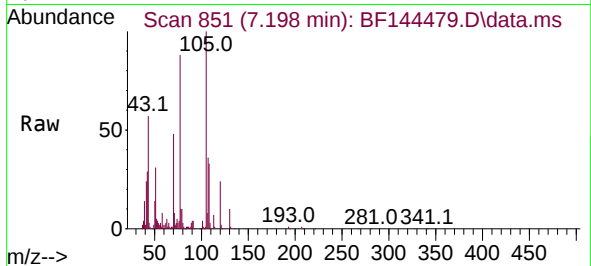




#19
n-Nitroso-di-n-propylamine
Concen: 7.072 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

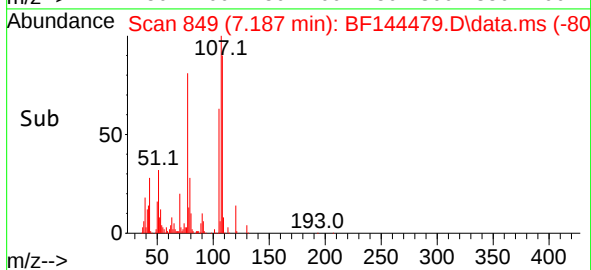
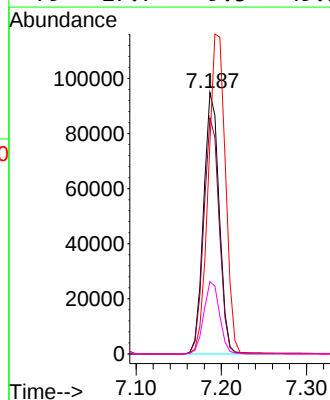
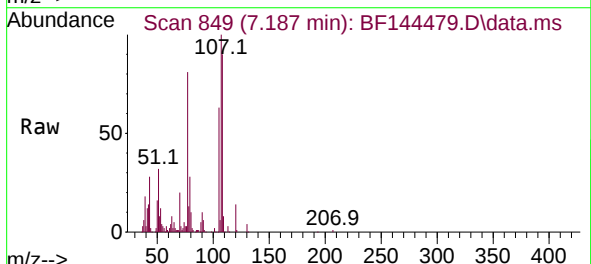
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

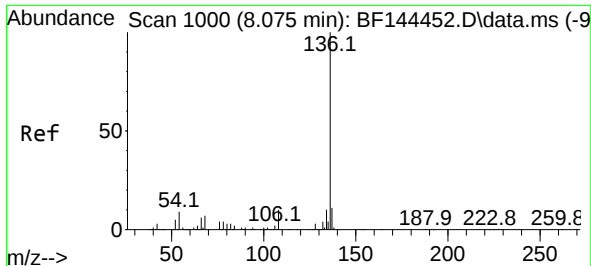
Tgt Ion:	70	Resp:	80560
Ion	Ratio	Lower	Upper
70	100		
42	61.0	49.4	74.0
101	9.4	7.8	11.6
130	20.9	17.5	26.3



#20
3+4-Methylphenols
Concen: 7.519 ng
RT: 7.187 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:	107	Resp:	120728
Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.5	111.5
77	81.0	88.5	128.5#
79	27.7	9.3	49.3

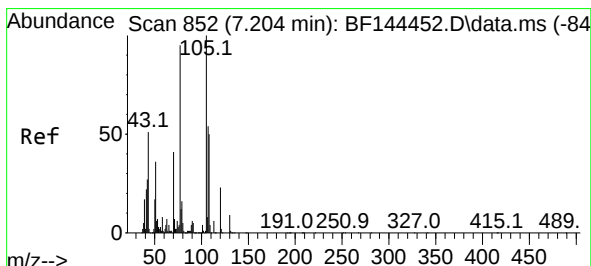
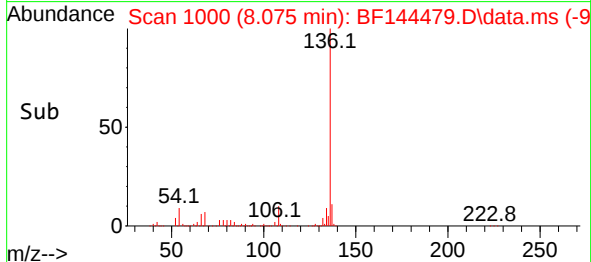
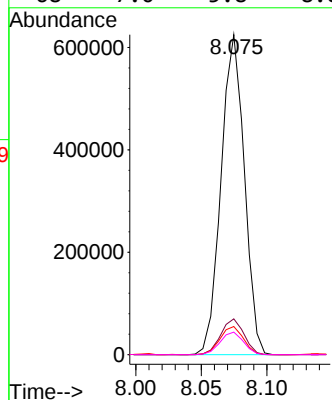
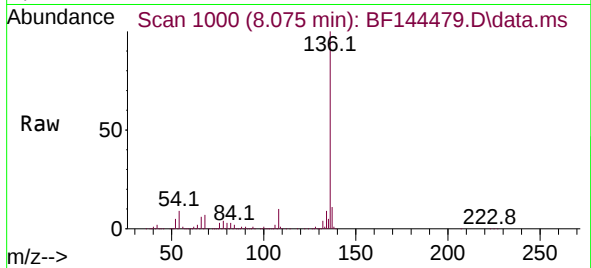




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

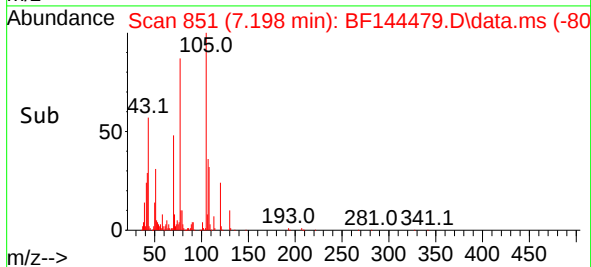
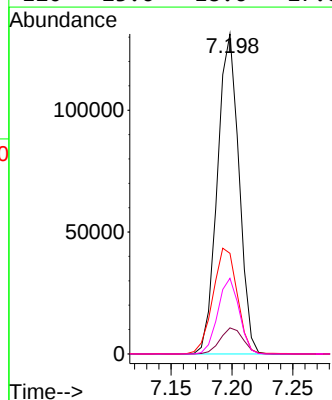
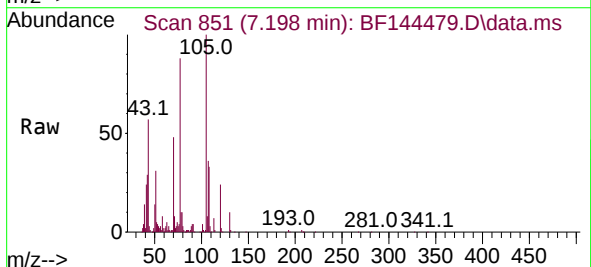
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

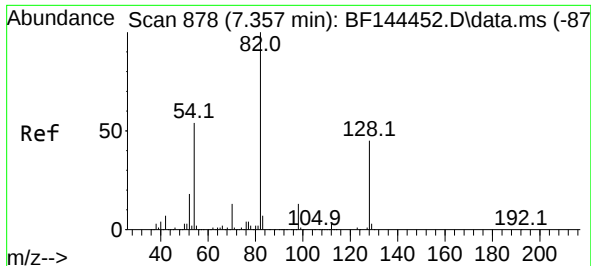
Tgt Ion:136	Resp: 771705
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 8.8	7.5 11.3
68 7.0	5.8 8.8



#22
Acetophenone
Concen: 8.439 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt	Ion:105	Resp:	161538
Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.6	8.4
51	31.4	28.6	42.8
120	23.6	18.6	27.8



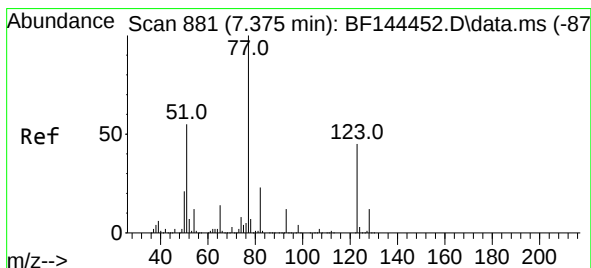
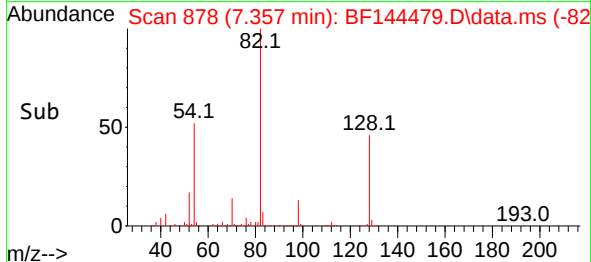
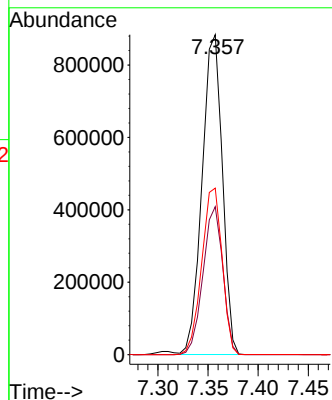
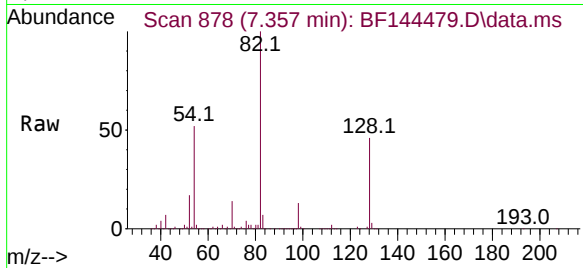


#23
Nitrobenzene-d5
Concen: 100.471 ng
RT: 7.357 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

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

Tgt Ion: 82 Resp: 1238999

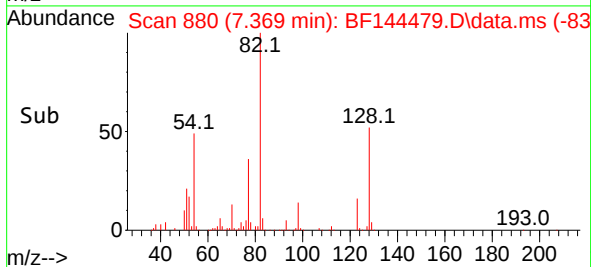
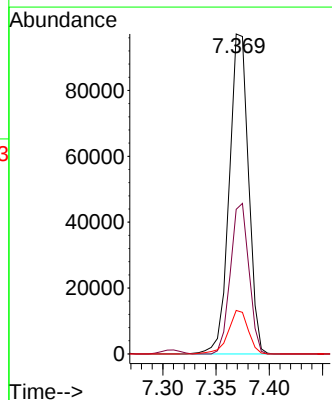
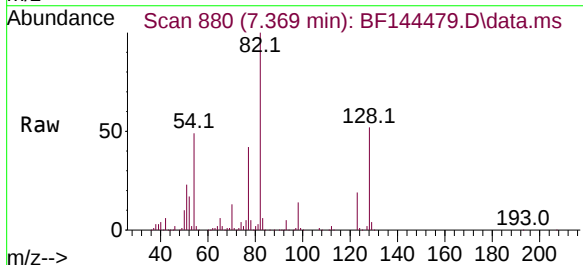
Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.5	53.3
54	52.0	43.3	64.9

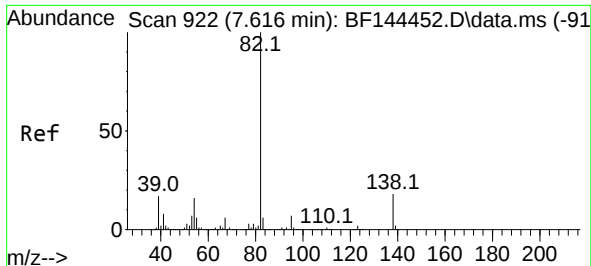


#24
Nitrobenzene
Concen: 9.136 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion: 77 Resp: 122223

Ion	Ratio	Lower	Upper
77	100		
123	45.2	36.2	54.2
65	13.6	11.0	16.6

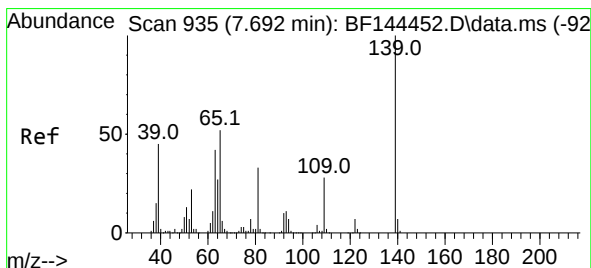
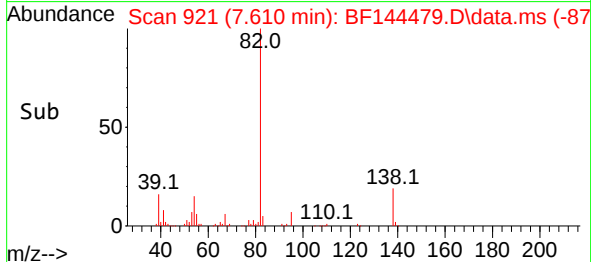
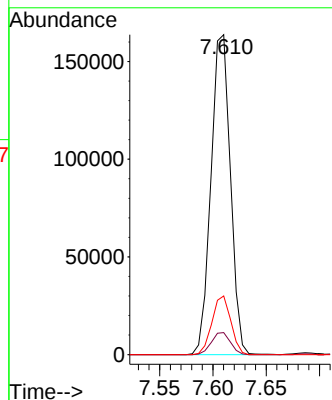
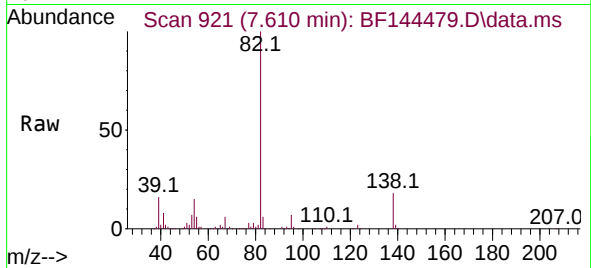




#25
Isophorone
Concen: 7.479 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

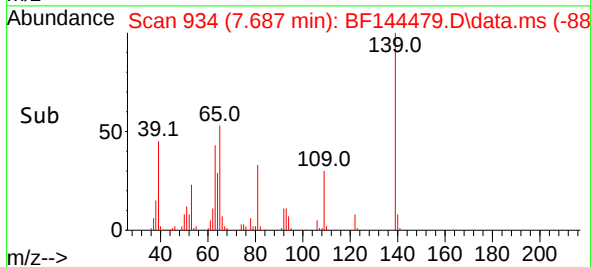
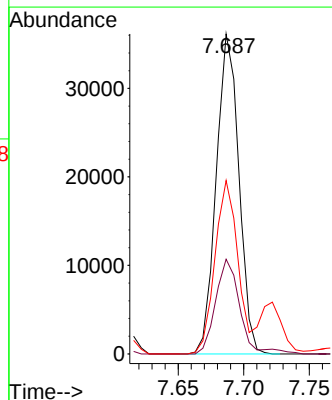
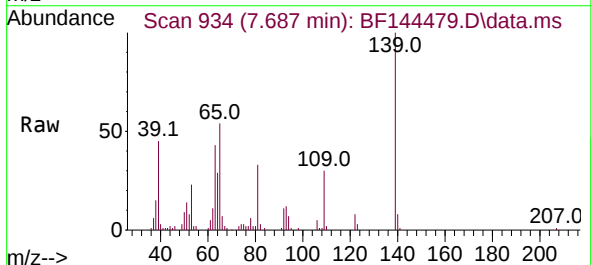
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

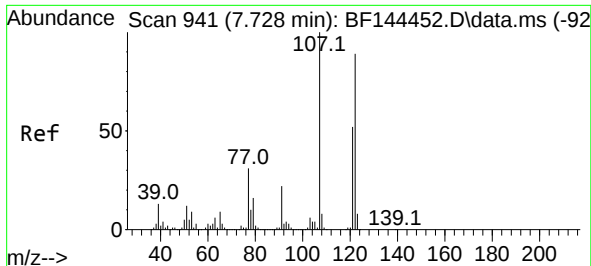
Tgt Ion: 82 Resp: 208163
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 18.3 14.4 21.6



#26
2-Nitrophenol
Concen: 11.078 ng
RT: 7.687 min Scan# 934
Delta R.T. -0.005 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:139 Resp: 43402
Ion Ratio Lower Upper
139 100
109 29.6 22.1 33.1
65 54.2 41.5 62.3





#27

2,4-Dimethylphenol

Concen: 6.340 ng

RT: 7.722 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

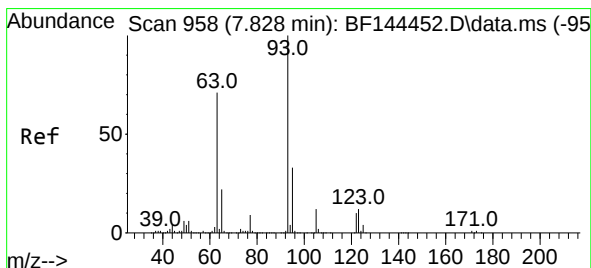
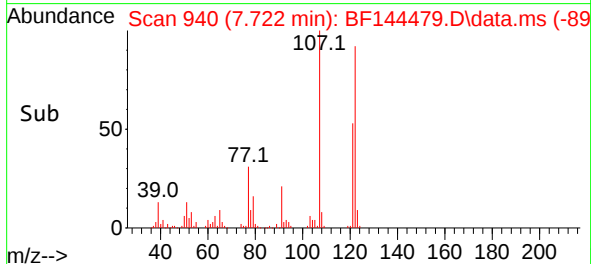
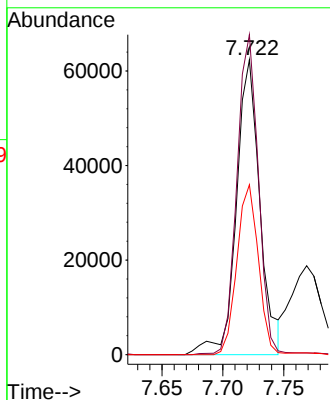
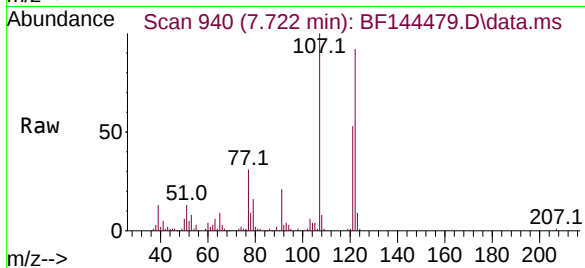
Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion:	122	Resp:	84196
Ion	Ratio	Lower	Upper
122	100		
107	108.6	90.0	135.0
121	57.6	47.1	70.7



#28

bis(2-Chloroethoxy)methane

Concen: 7.732 ng

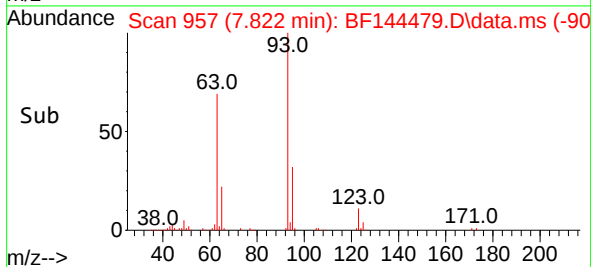
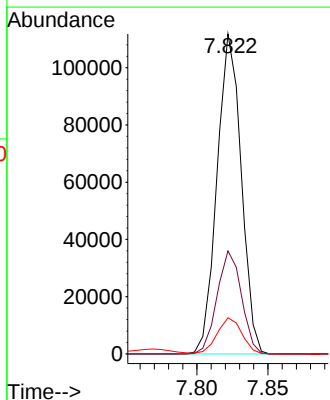
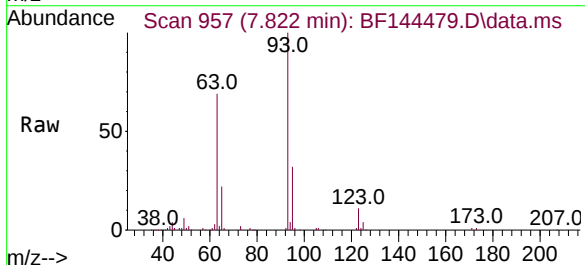
RT: 7.822 min Scan# 957

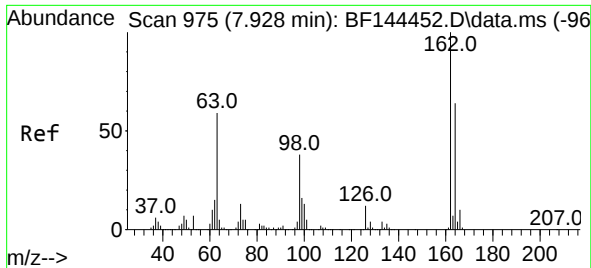
Delta R.T. -0.006 min

Lab File: BF144479.D

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Tgt Ion:	93	Resp:	132591
Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.2
123	11.3	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 8.222 ng

RT: 7.922 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

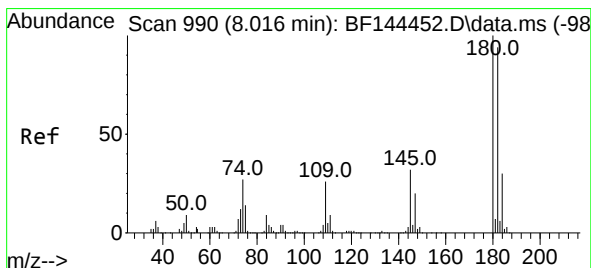
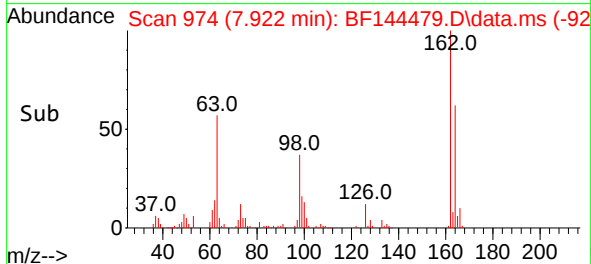
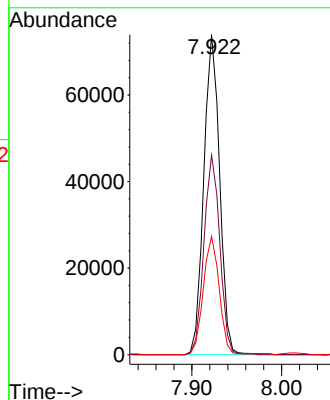
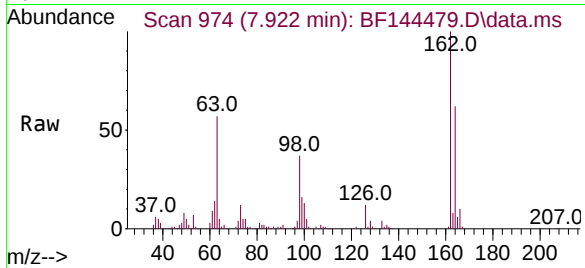
Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:162	Resp:	90717
Ion Ratio	Lower	Upper
162	100	
164	62.4	44.2 84.2
98	36.9	17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 8.819 ng

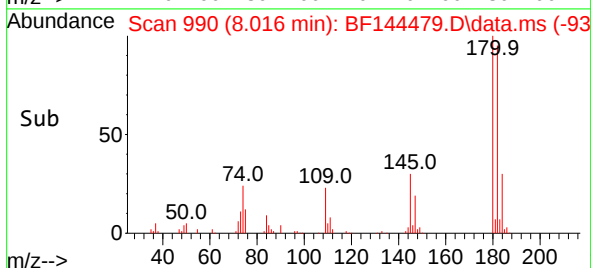
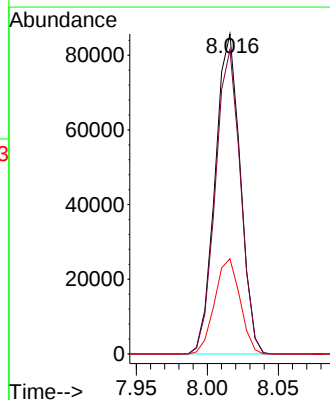
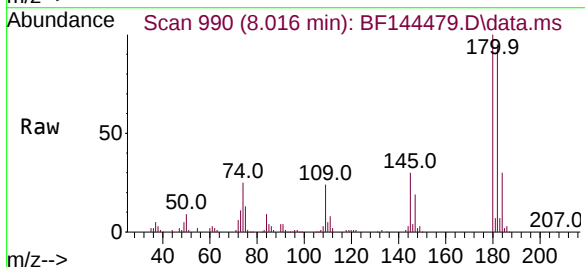
RT: 8.016 min Scan# 990

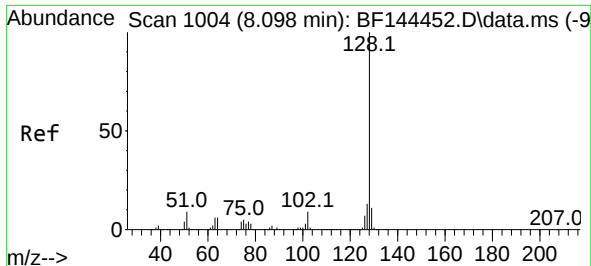
Delta R.T. -0.000 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

Tgt Ion:180	Resp:	105539
Ion Ratio	Lower	Upper
180	100	
182	95.1	75.2 112.8
145	29.7	25.3 37.9

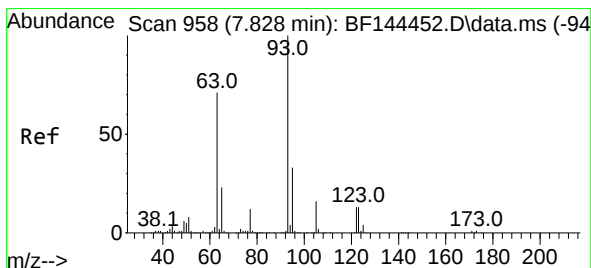
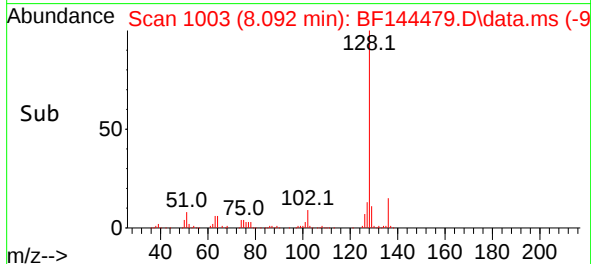
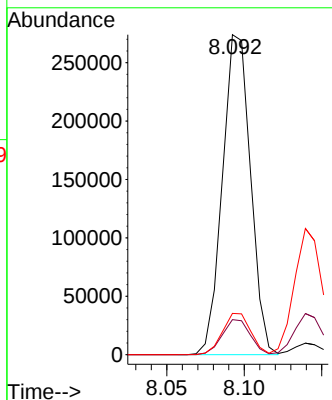
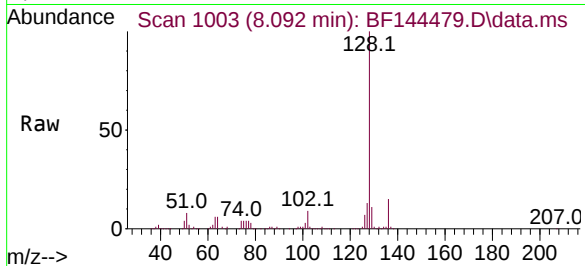




#31
Naphthalene
Concen: 8.343 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

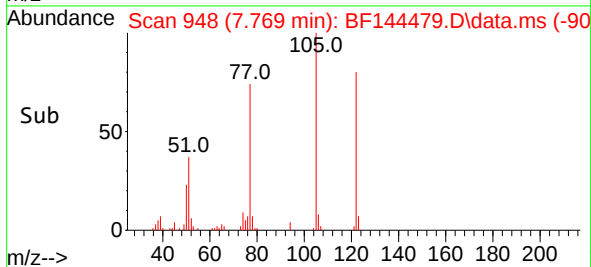
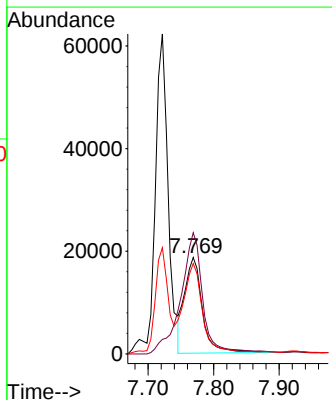
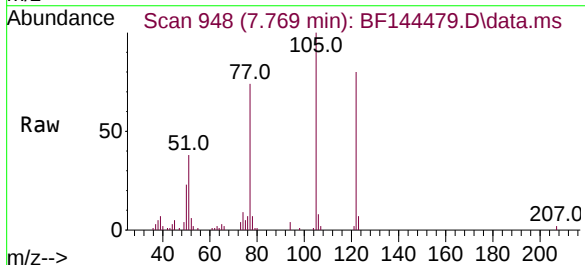
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

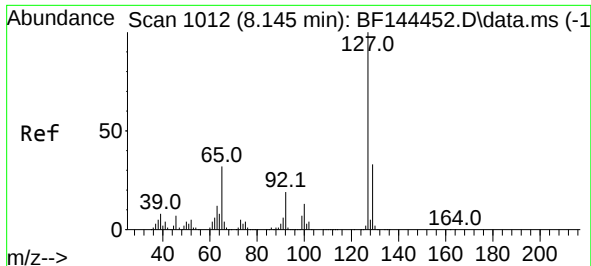
Tgt Ion:128 Resp: 346523
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 10.521 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.059 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:122 Resp: 35612
Ion Ratio Lower Upper
122 100
105 125.7 103.2 143.2
77 93.6 75.1 115.1

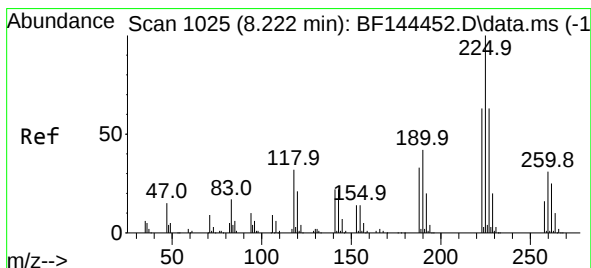
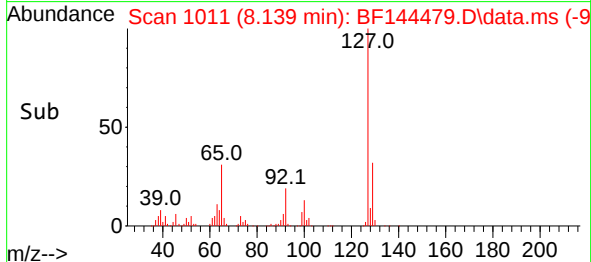
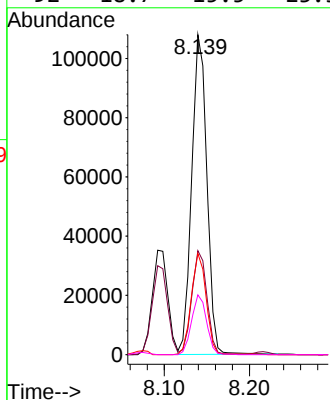
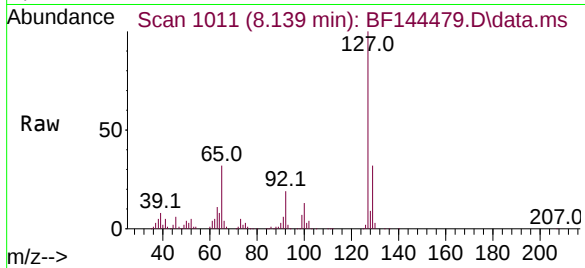




#33
4-Chloroaniline
Concen: 7.990 ng
RT: 8.139 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

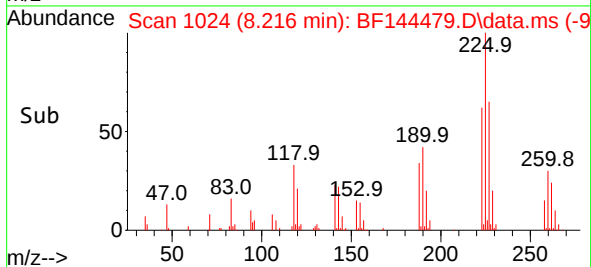
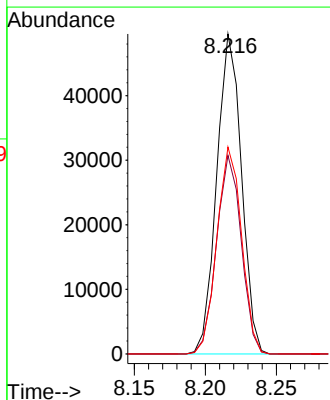
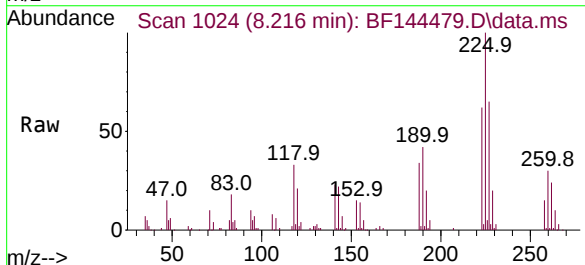
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

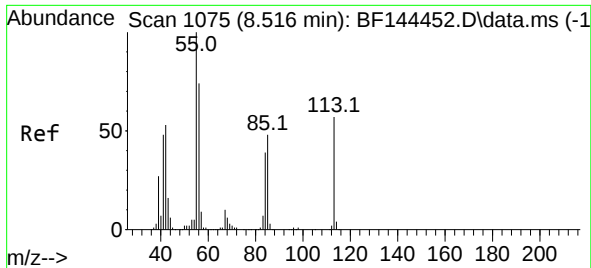
Tgt Ion:127	Resp: 133394
Ion Ratio	Lower Upper
127 100	
129 32.5	26.2 39.4
65 31.6	25.8 38.8
92 18.7	15.5 23.3



#34
Hexachlorobutadiene
Concen: 8.117 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt	Ion:225	Resp:	60062
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.1	75.1
227	64.6	50.3	75.5

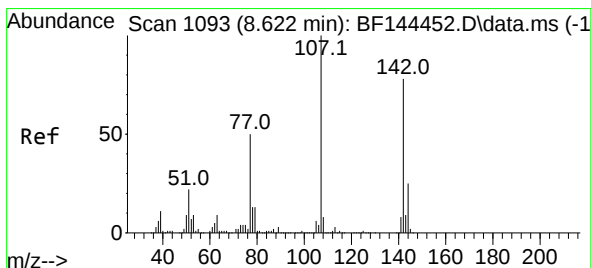
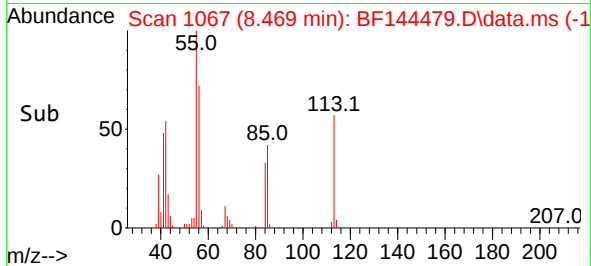
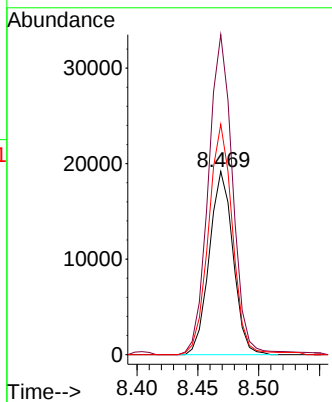
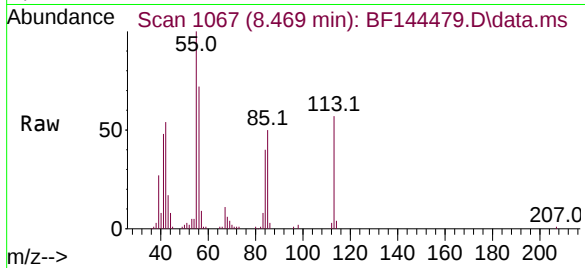




#35
 Caprolactam
 Concen: 7.131 ng
 RT: 8.469 min Scan# 1067
 Delta R.T. -0.047 min
 Lab File: BF144479.D
 Acq: 15 Dec 2025 17:36

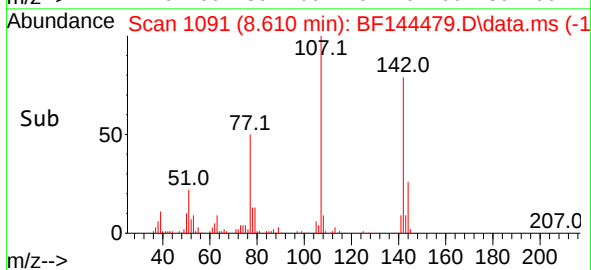
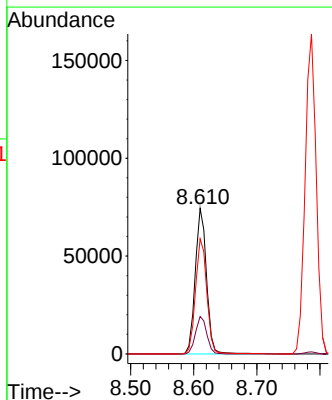
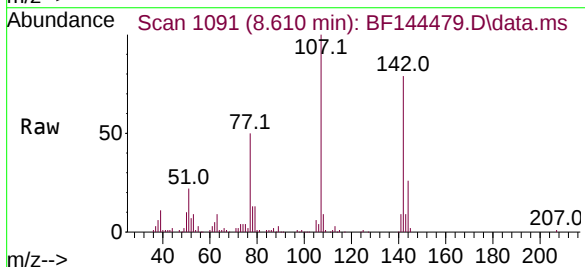
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

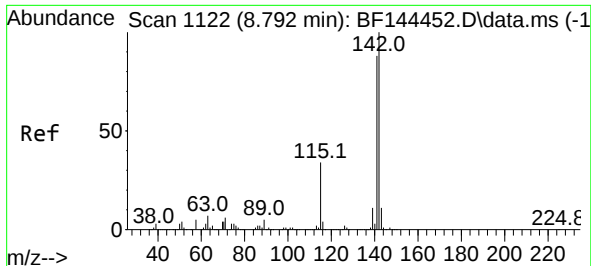
Tgt Ion:113 Resp: 25982
 Ion Ratio Lower Upper
 113 100
 55 174.8 154.5 194.5
 56 125.8 109.8 149.8



#36
 4-Chloro-3-methylphenol
 Concen: 7.728 ng
 RT: 8.610 min Scan# 1091
 Delta R.T. -0.012 min
 Lab File: BF144479.D
 Acq: 15 Dec 2025 17:36

Tgt Ion:107 Resp: 92563
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.4 30.6
 142 79.1 62.4 93.6





#37

2-Methylnaphthalene

Concen: 7.265 ng

RT: 8.786 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

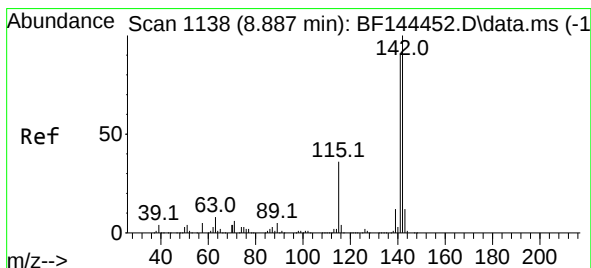
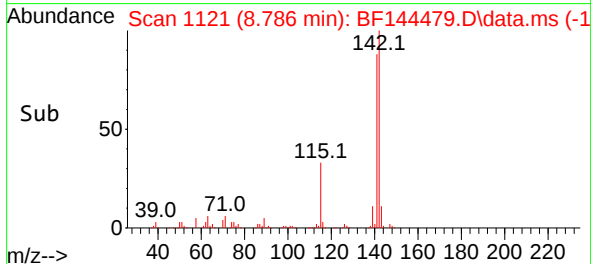
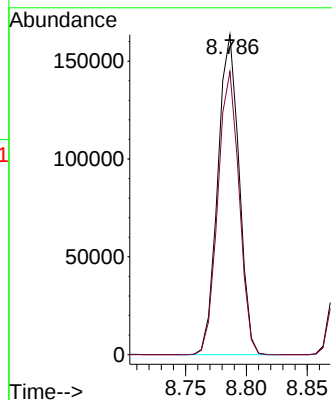
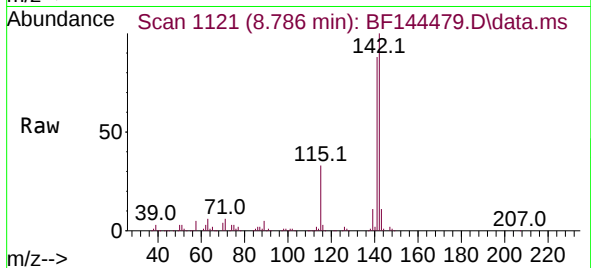
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:142 Resp: 198530

Ion Ratio Lower Upper

142 100

141 88.5 70.0 105.0



#38

1-Methylnaphthalene

Concen: 7.878 ng

RT: 8.886 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF144479.D

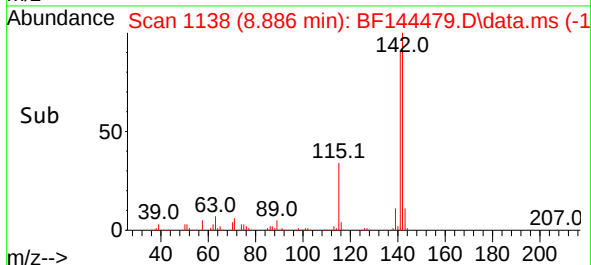
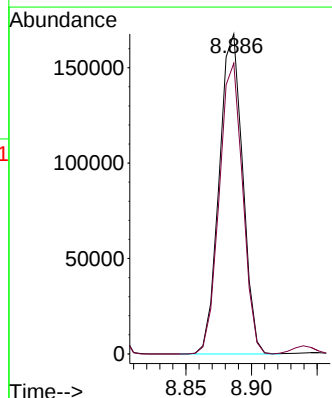
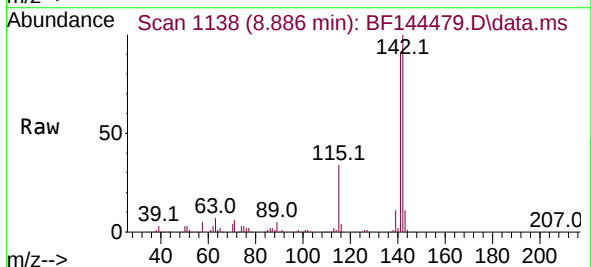
Acq: 15 Dec 2025 17:36

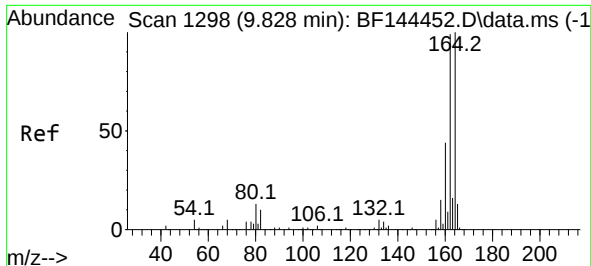
Tgt Ion:142 Resp: 209626

Ion Ratio Lower Upper

142 100

141 90.8 72.6 109.0

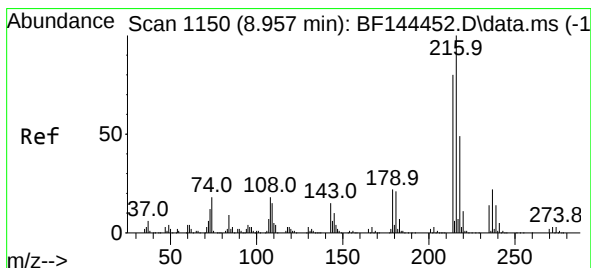
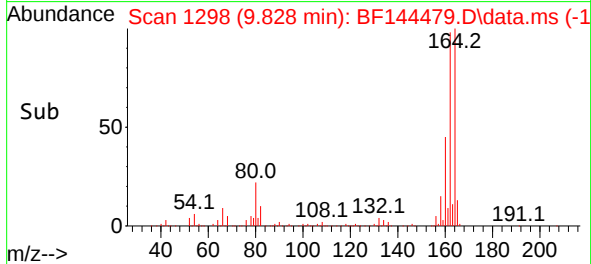
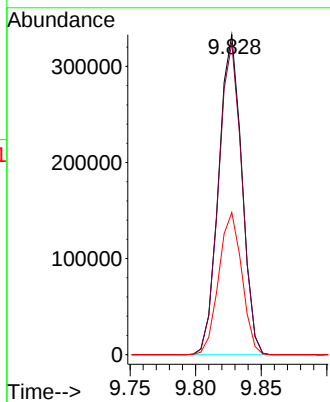
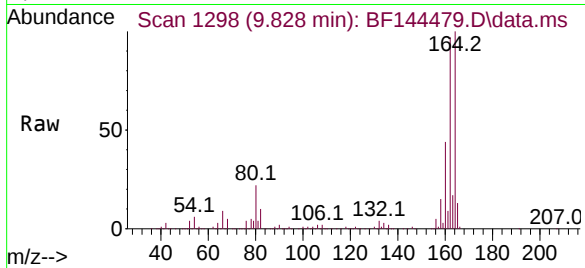




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

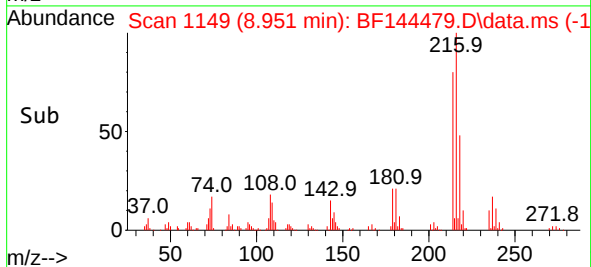
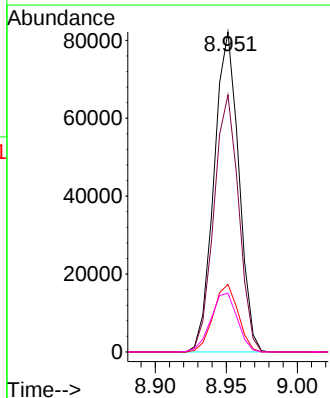
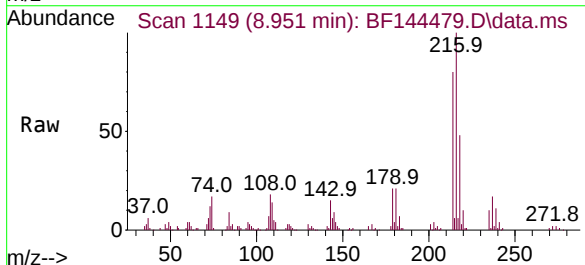
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

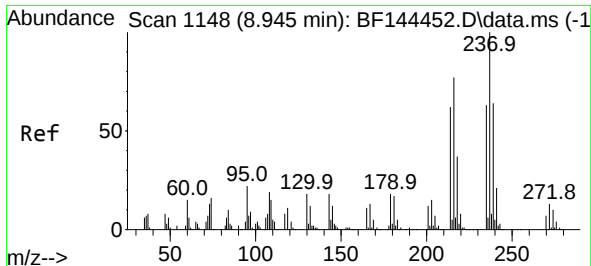
Tgt Ion:164 Resp: 408391
Ion Ratio Lower Upper
164 100
162 97.4 79.2 118.8
160 44.4 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.571 ng
RT: 8.951 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

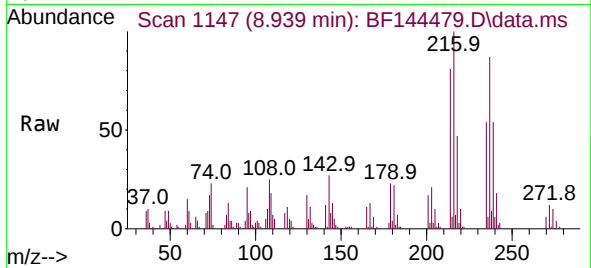
Tgt Ion:216 Resp: 99616
Ion Ratio Lower Upper
216 100
214 80.4 63.8 95.6
179 21.3 17.7 26.5
108 19.7 16.2 24.4



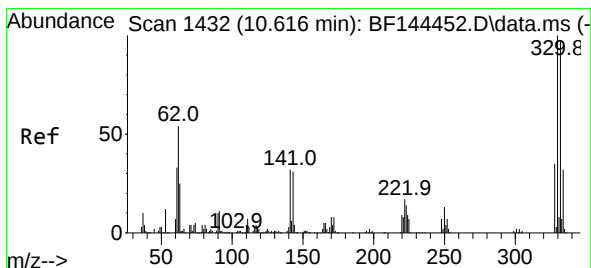
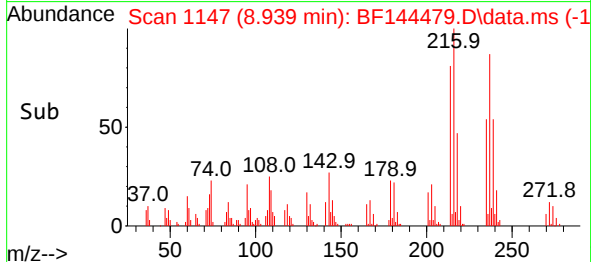
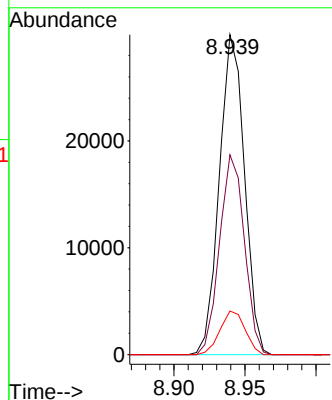


#41
Hexachlorocyclopentadiene
Concen: 5.347 ng
RT: 8.939 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

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

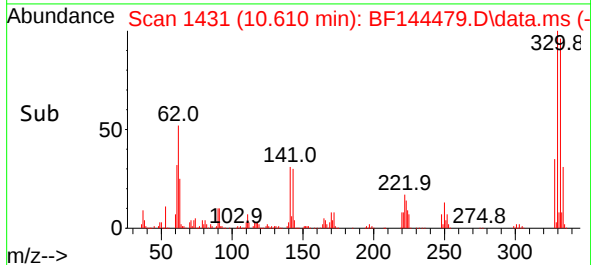
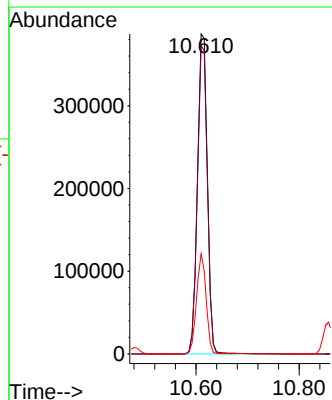
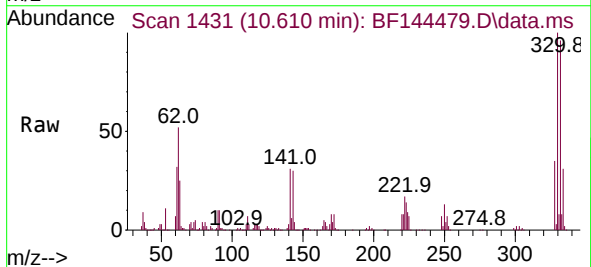


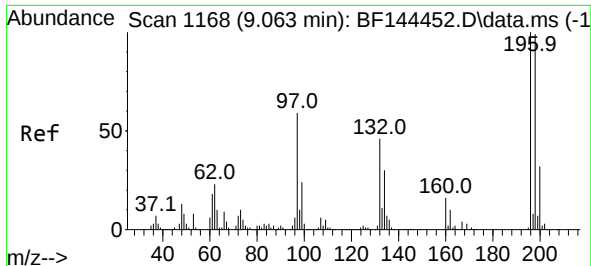
Tgt Ion: 237 Resp: 36782
Ion Ratio Lower Upper
237 100
235 62.4 43.2 83.2
272 13.6 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 139.520 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion: 330 Resp: 515143
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 30.1 26.2 39.2

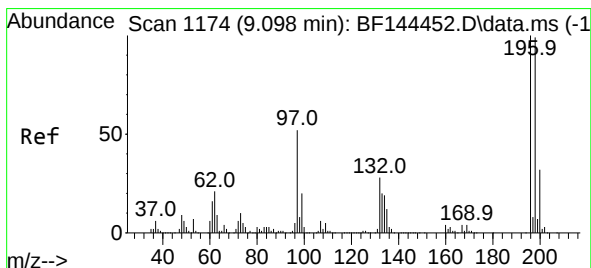
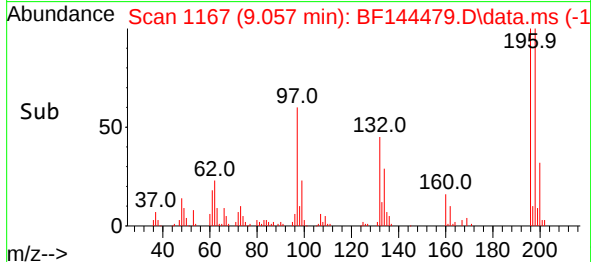
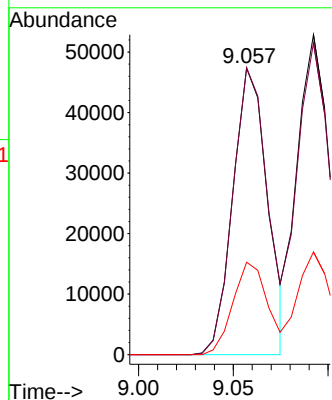
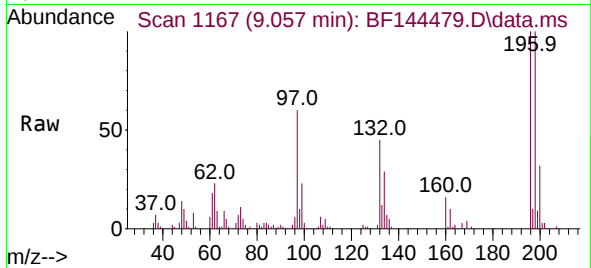




#43
2,4,6-Trichlorophenol
Concen: 8.159 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

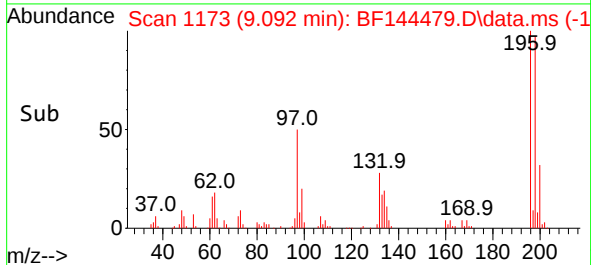
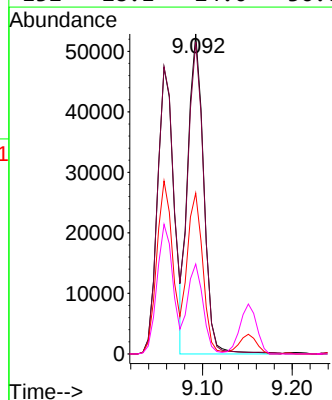
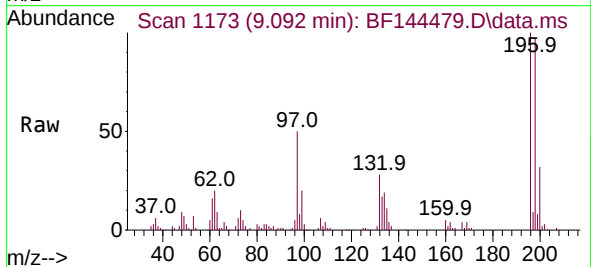
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

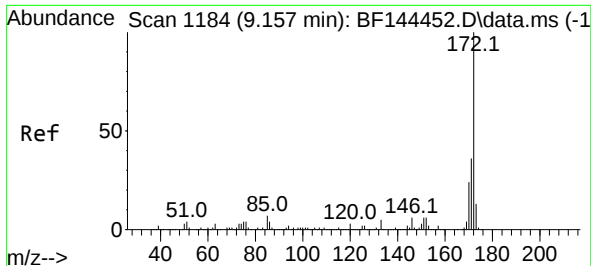
Tgt Ion:196 Resp: 60219
Ion Ratio Lower Upper
196 100
198 100.1 79.0 118.4
200 32.3 25.3 37.9



#44
2,4,5-Trichlorophenol
Concen: 8.389 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:196 Resp: 64985
Ion Ratio Lower Upper
196 100
198 97.4 79.5 119.3
97 50.2 42.2 63.2
132 28.1 24.0 36.0

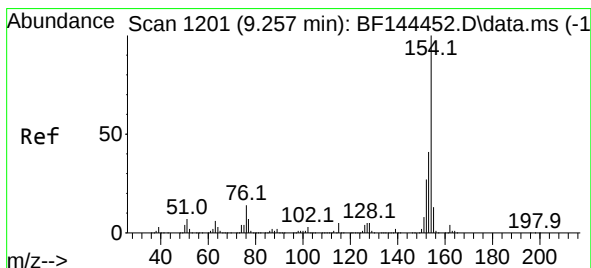
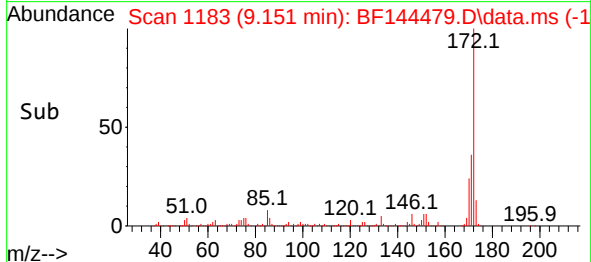
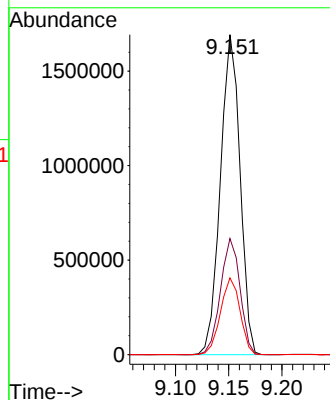
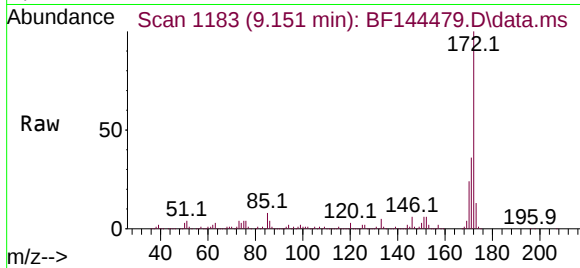




#45
2-Fluorobiphenyl
Concen: 81.748 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

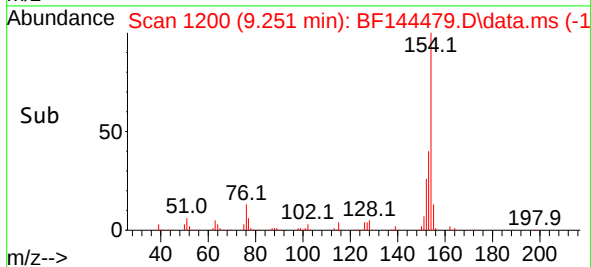
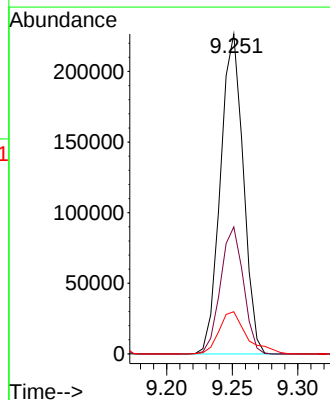
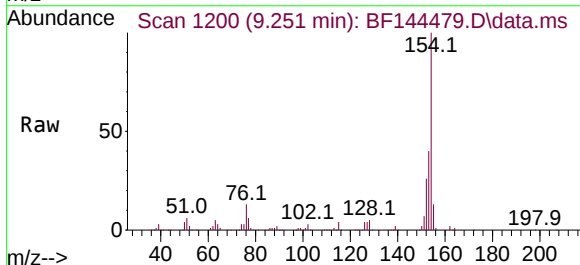
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

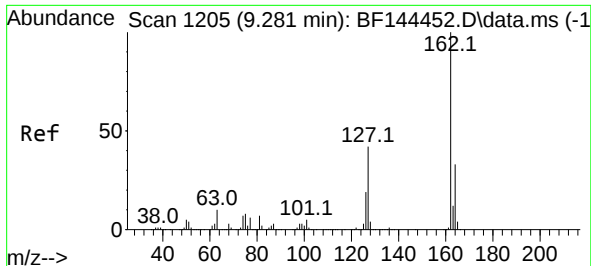
Tgt Ion:172 Resp: 2176226
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.0 19.3 28.9



#46
1,1'-Biphenyl
Concen: 8.612 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:154 Resp: 274855
Ion Ratio Lower Upper
154 100
153 39.7 21.0 61.0
76 13.2 0.0 33.8

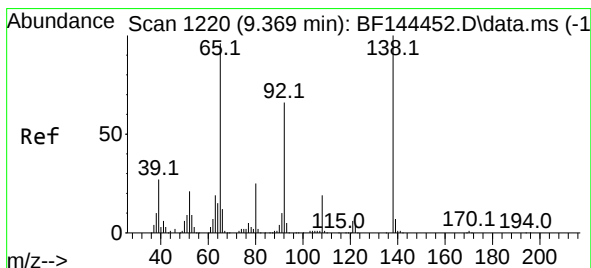
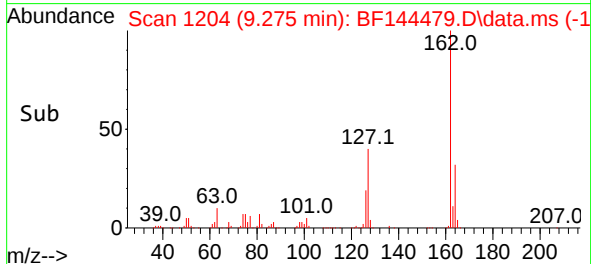
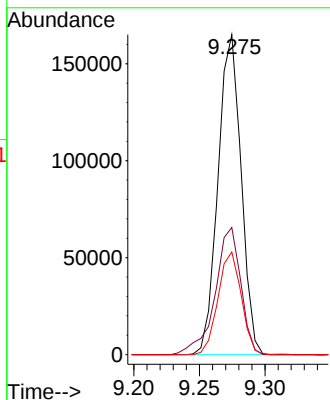
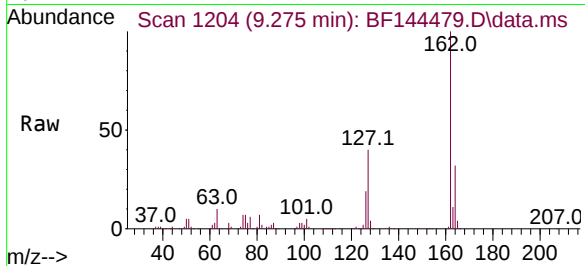




#47
2-Chloronaphthalene
Concen: 8.306 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

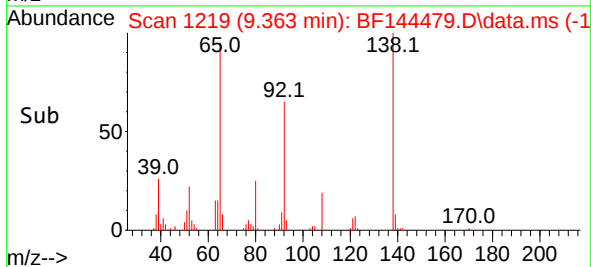
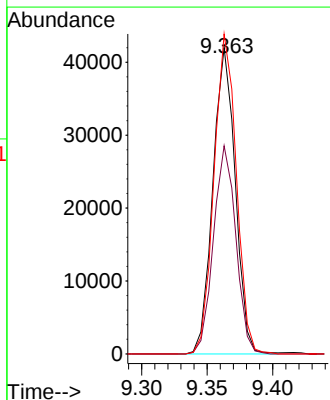
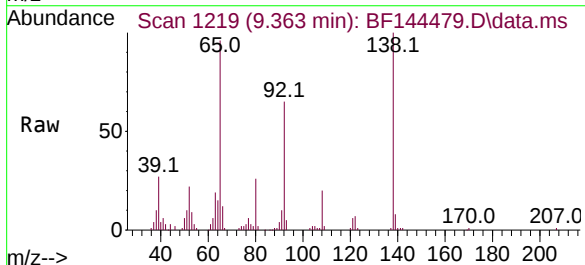
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

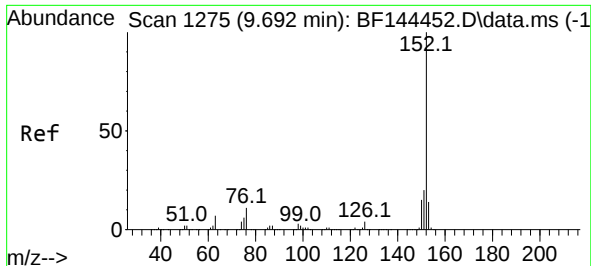
Tgt Ion:162 Resp: 202357
Ion Ratio Lower Upper
162 100
127 39.7 33.6 50.4
164 32.1 26.6 39.8



#48
2-Nitroaniline
Concen: 10.220 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion: 65 Resp: 49802
Ion Ratio Lower Upper
65 100
92 67.9 55.0 82.4
138 104.5 83.4 125.2

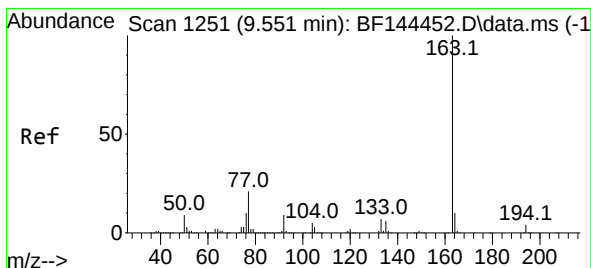
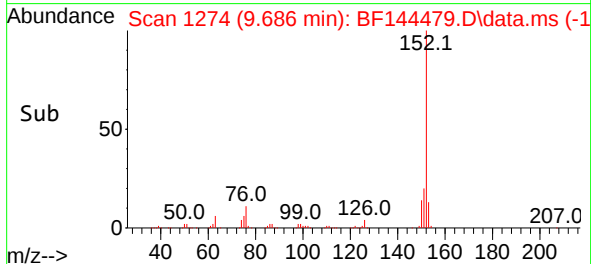
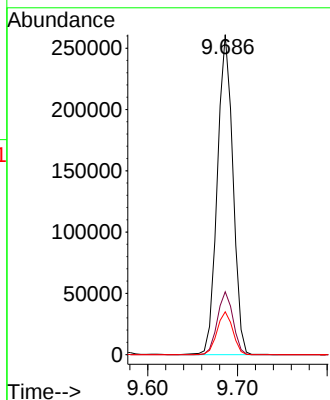
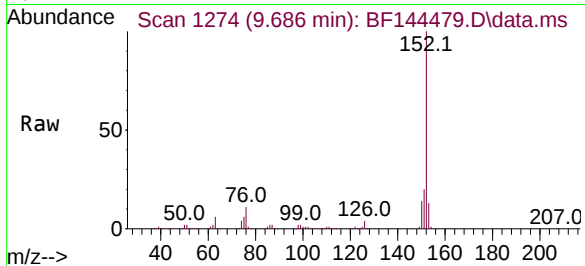




#49
Acenaphthylene
Concen: 8.214 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

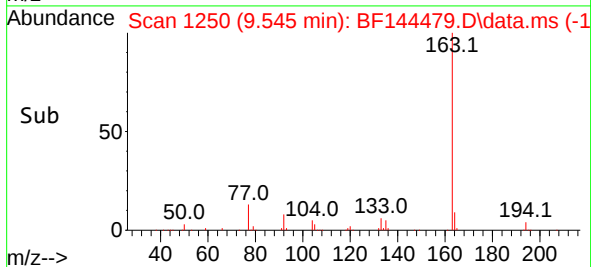
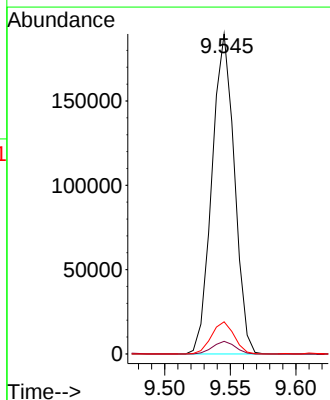
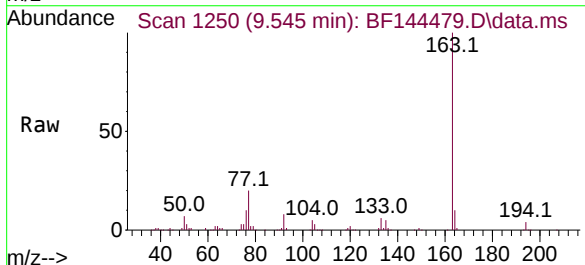
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

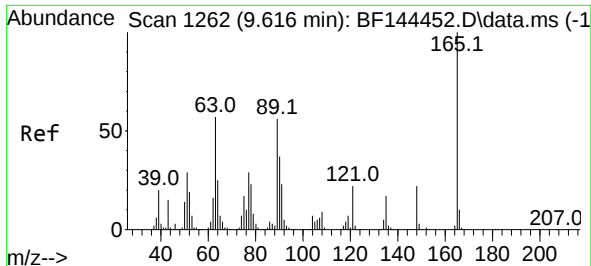
Tgt Ion:152 Resp: 317057
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.4 11.4 17.0



#50
Dimethylphthalate
Concen: 8.199 ng
RT: 9.545 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:163 Resp: 226173
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.3 12.5

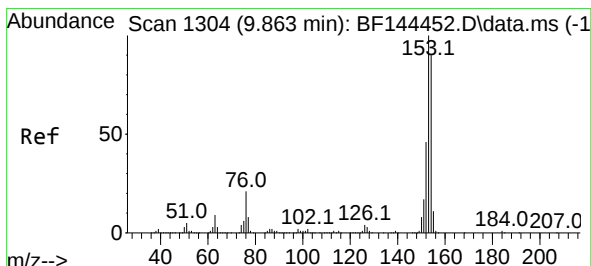
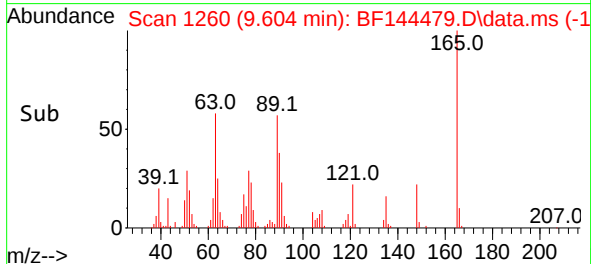
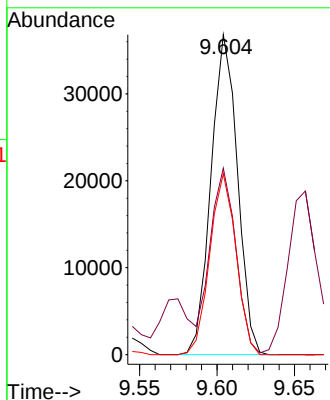
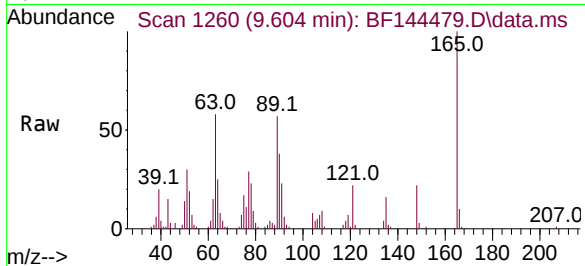




#51
2,6-Dinitrotoluene
Concen: 11.884 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

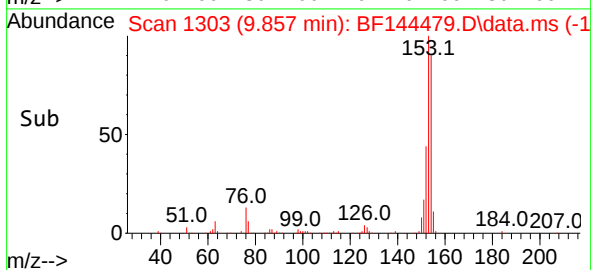
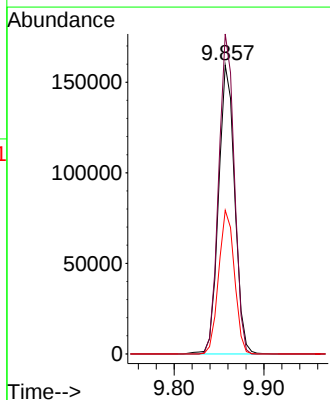
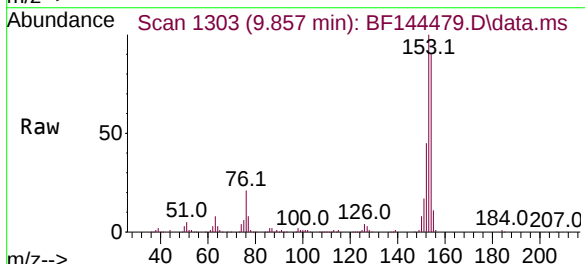
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

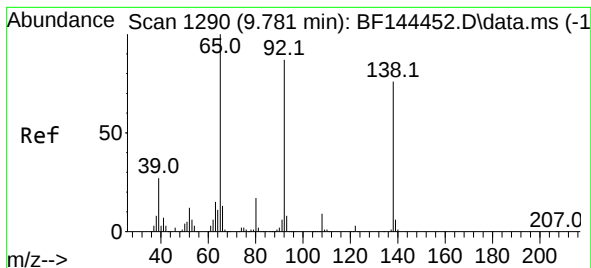
Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.3	45.9	68.9
89	56.6	44.6	67.0



#52
Acenaphthene
Concen: 8.327 ng
RT: 9.857 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	88.6	132.8
152	49.8	40.6	61.0





#53

3-Nitroaniline

Concen: 10.499 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

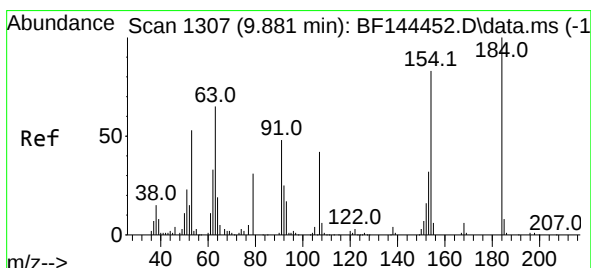
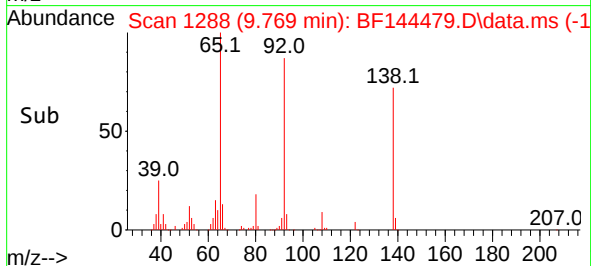
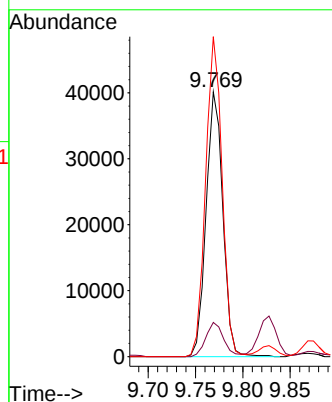
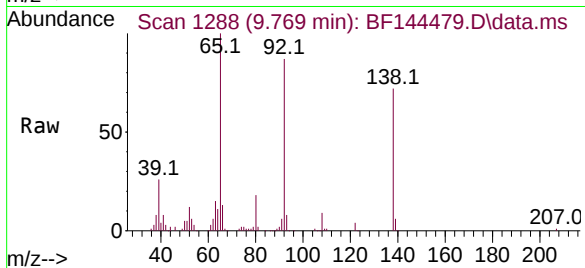
Tgt Ion:138 Resp: 49432

Ion Ratio Lower Upper

138 100

108 12.9 9.7 14.5

92 120.9 91.5 137.3



#54

2,4-Dinitrophenol

Concen: 12.057 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

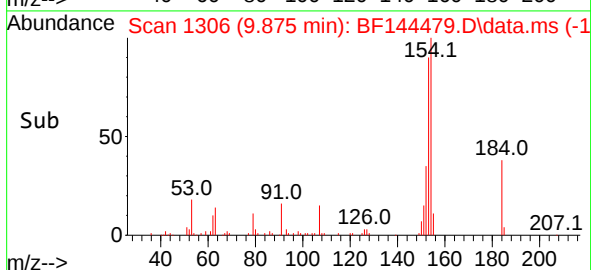
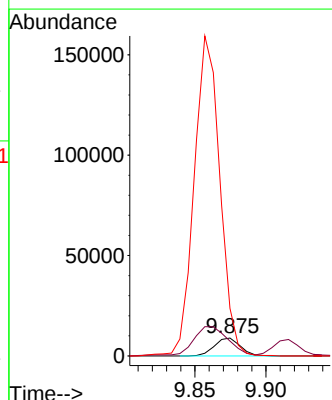
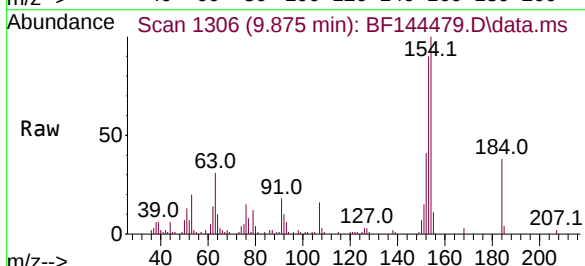
Tgt Ion:184 Resp: 11221

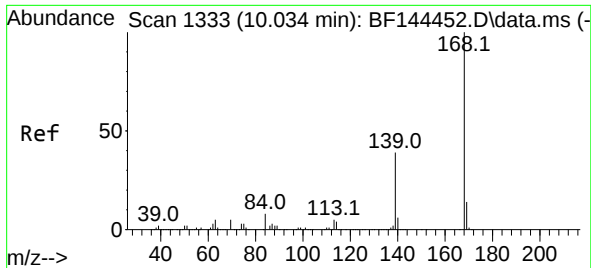
Ion Ratio Lower Upper

184 100

63 83.1 60.6 91.0

154 265.6 137.8 206.8#

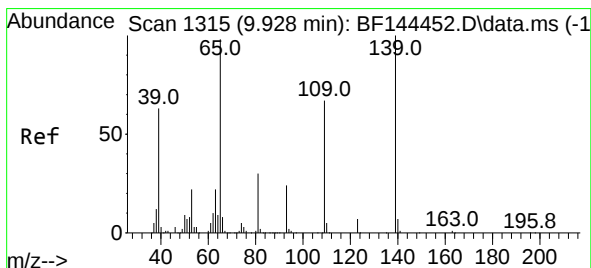
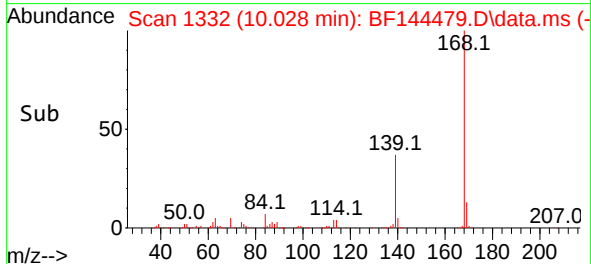
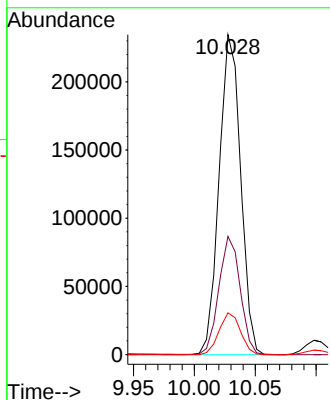
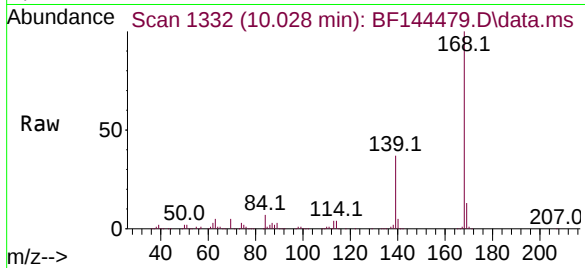




#55
Dibenzofuran
Concen: 8.432 ng
RT: 10.028 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

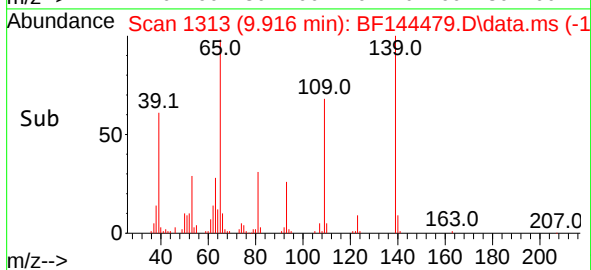
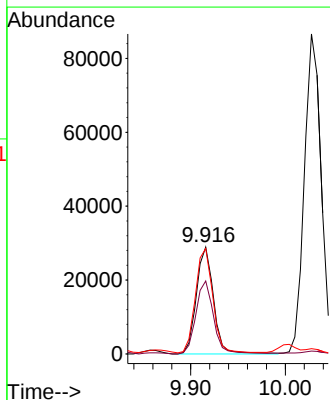
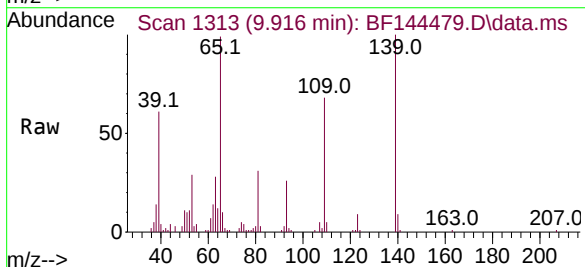
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

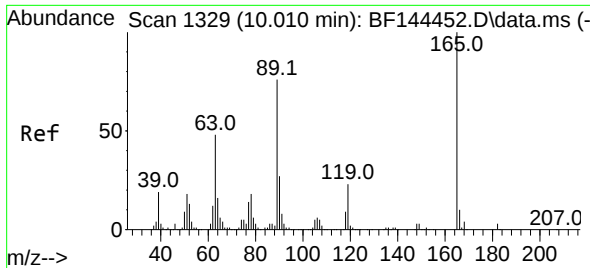
Tgt Ion:168 Resp: 288752
Ion Ratio Lower Upper
168 100
139 36.9 31.0 46.6
169 13.0 10.9 16.3



#56
4-Nitrophenol
Concen: 7.742 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:139 Resp: 36372
Ion Ratio Lower Upper
139 100
109 68.3 47.4 87.4
65 98.6 78.4 118.4

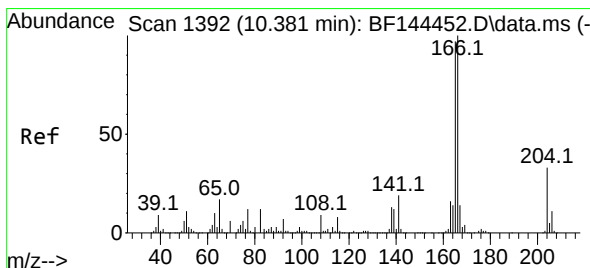
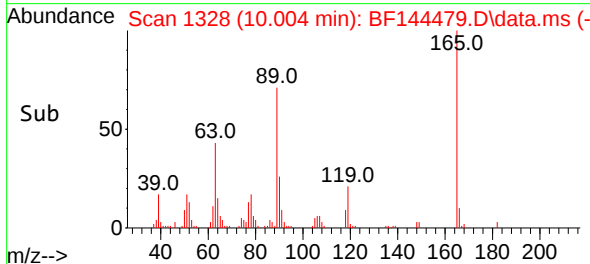
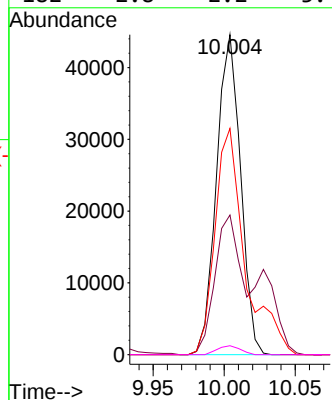
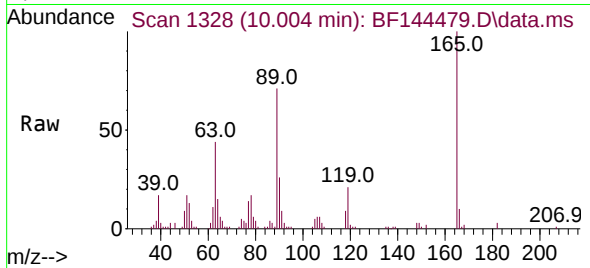




#57
2,4-Dinitrotoluene
Concen: 10.882 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

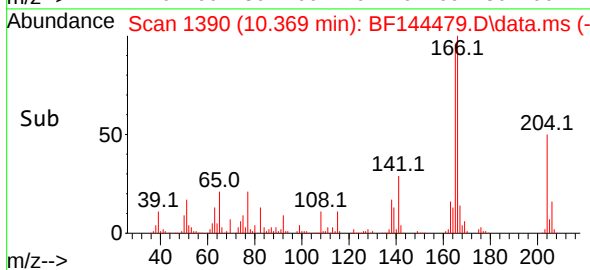
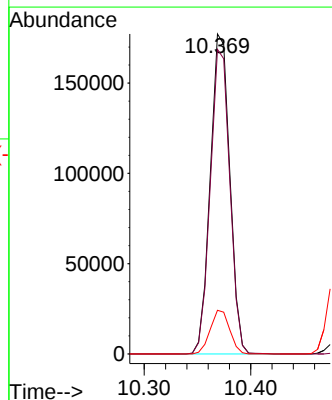
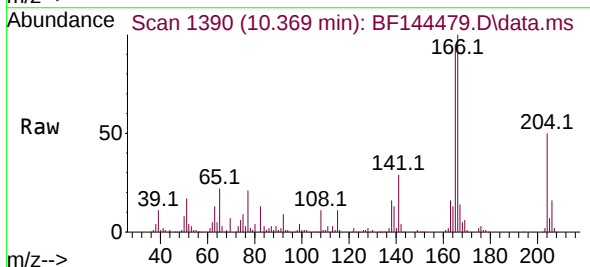
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

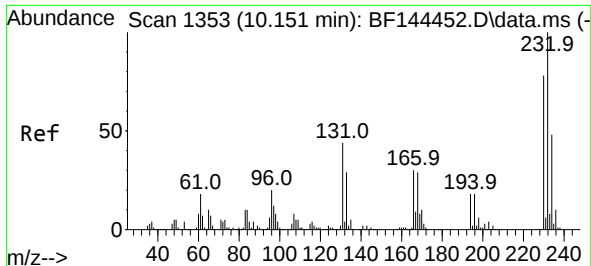
Tgt Ion:165	Resp:	52554
Ion Ratio	Lower	Upper
165	100	
63	43.6	38.2 57.4
89	70.7	61.2 91.8
182	2.8	2.2 3.4



#58
Fluorene
Concen: 8.710 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:166	Resp:	225854
Ion Ratio	Lower	Upper
166	100	
165	95.2	77.6 116.4
167	13.6	10.8 16.2

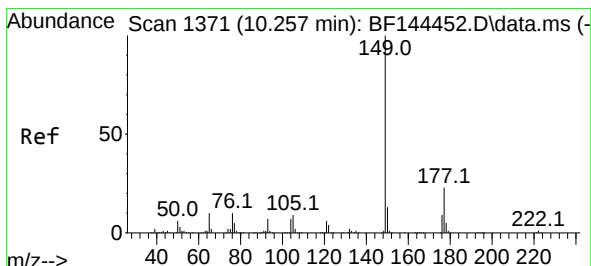
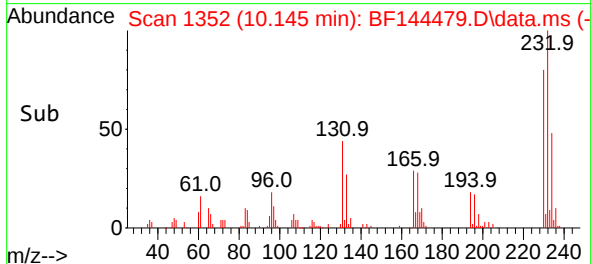
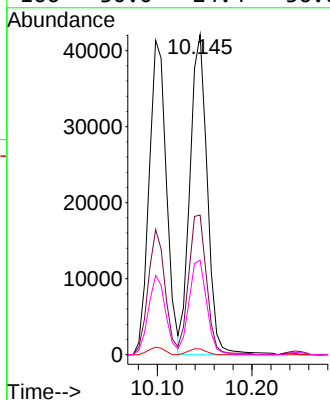
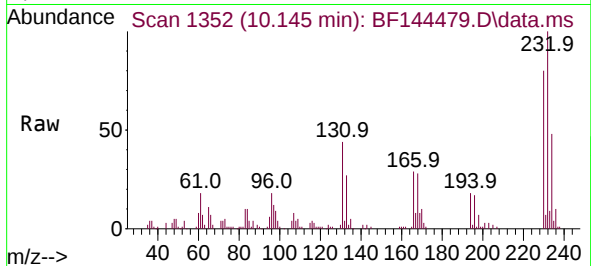




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.072 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

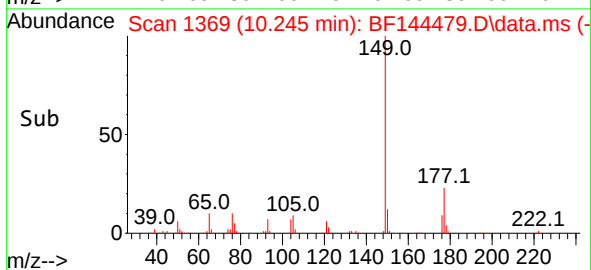
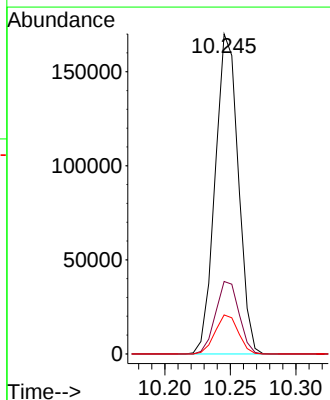
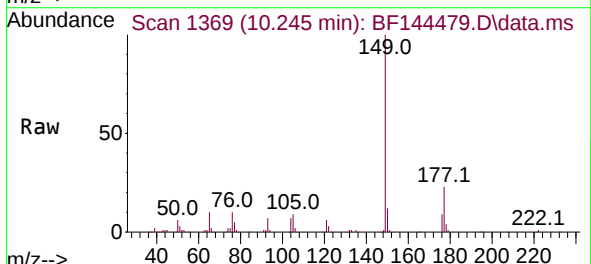
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

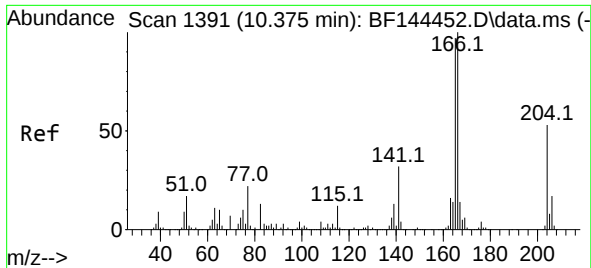
Tgt Ion:232 Resp: 53347
Ion Ratio Lower Upper
232 100
131 45.2 36.3 54.5
130 1.8 1.8 2.6
166 30.0 24.4 36.6



#60
Diethylphthalate
Concen: 8.006 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:149 Resp: 209322
Ion Ratio Lower Upper
149 100
177 22.6 18.7 28.1
150 12.2 10.1 15.1

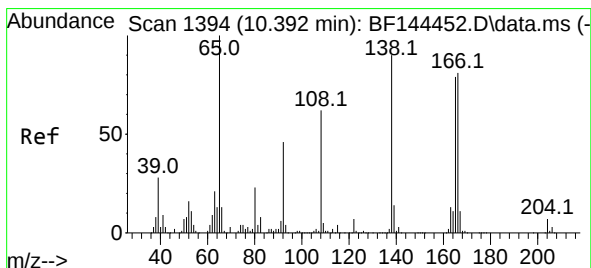
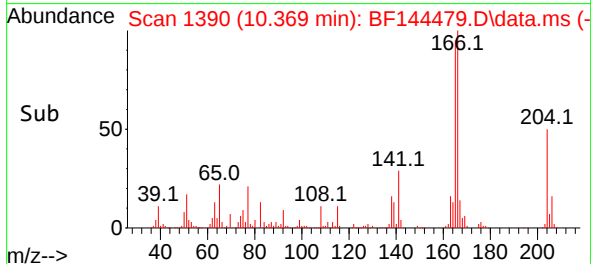
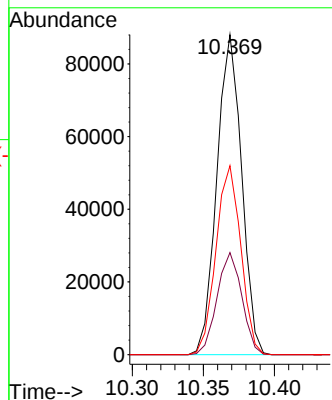
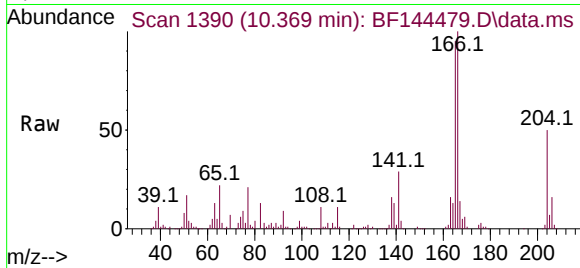




#61
4-Chlorophenyl-phenylether
Concen: 8.394 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

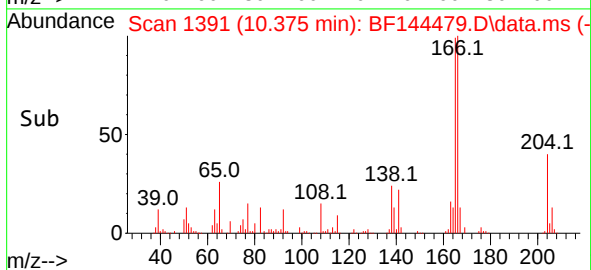
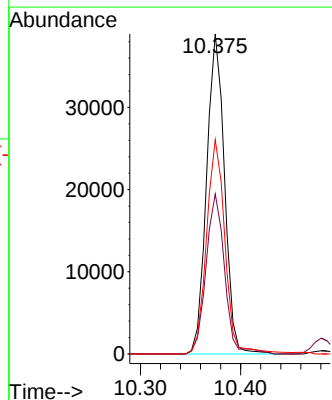
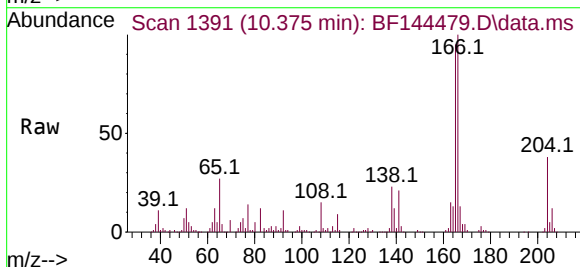
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

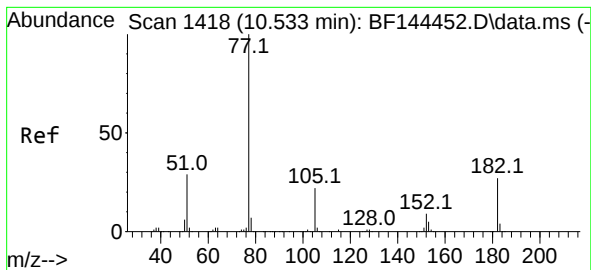
Tgt Ion:204 Resp: 106792
Ion Ratio Lower Upper
204 100
206 31.9 26.3 39.5
141 59.0 48.4 72.6



#62
4-Nitroaniline
Concen: 9.983 ng
RT: 10.375 min Scan# 1391
Delta R.T. -0.017 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:138 Resp: 48075
Ion Ratio Lower Upper
138 100
92 50.0 30.8 70.8
108 66.9 49.2 89.2





#63

Azobenzene

Concen: 7.793 ng

RT: 10.528 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF144479.D

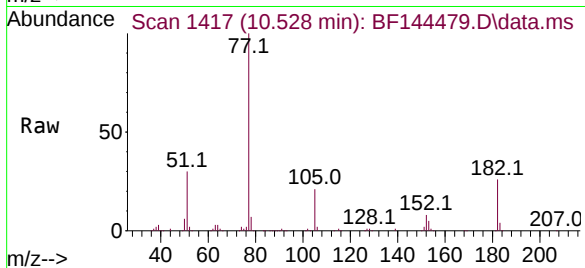
Acq: 15 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 77 Resp: 215339

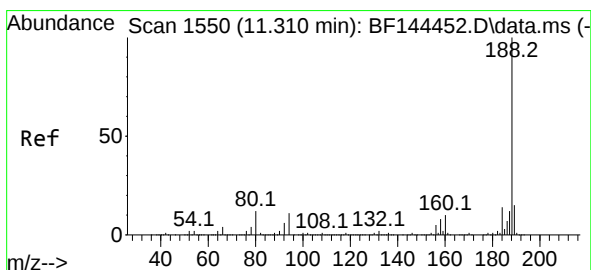
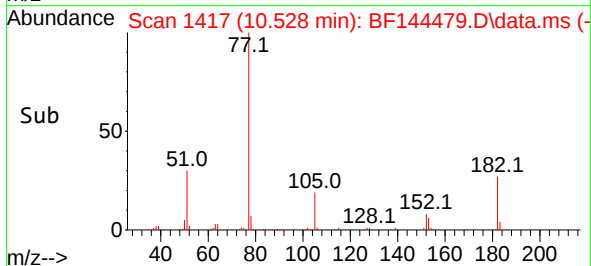
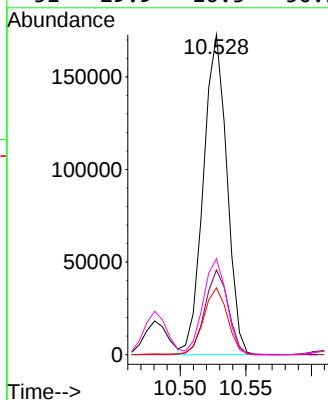
Ion Ratio Lower Upper

77 100

182 26.4 6.1 46.1

105 20.9 1.5 41.5

51 29.9 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: BF144479.D

Acq: 15 Dec 2025 17:36

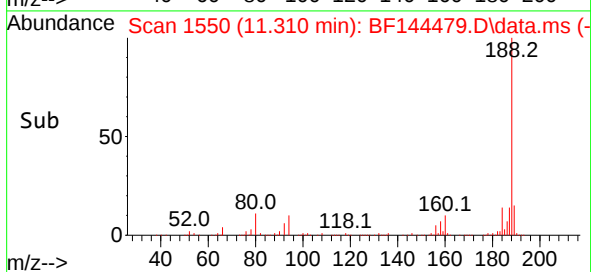
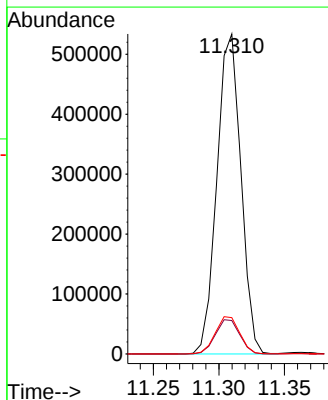
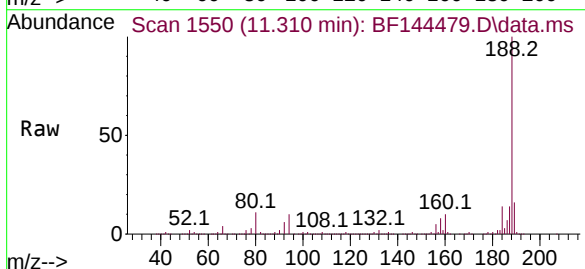
Tgt Ion: 188 Resp: 680311

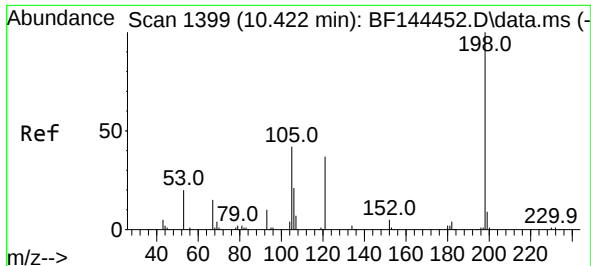
Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.6

80 11.3 9.8 14.8

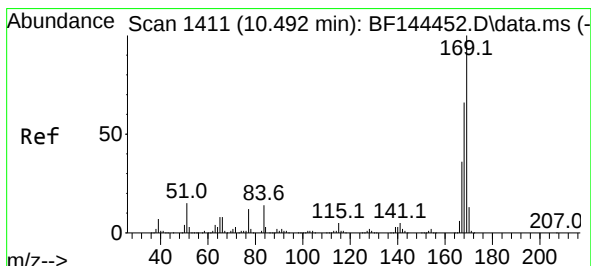
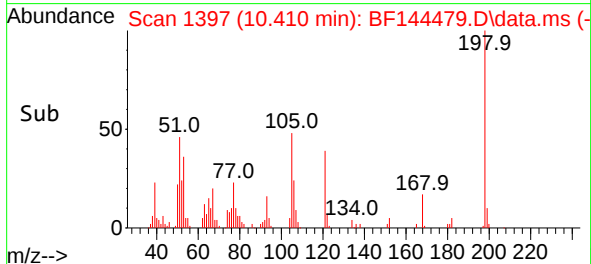
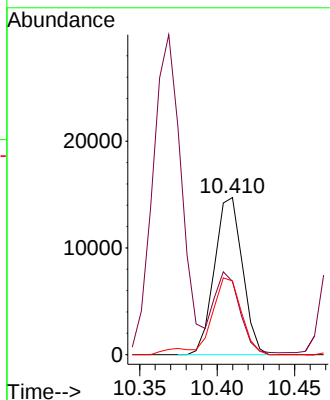
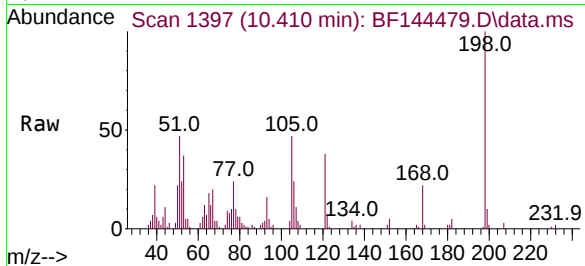




#65
4,6-Dinitro-2-methylphenol
Concen: 12.266 ng
RT: 10.410 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

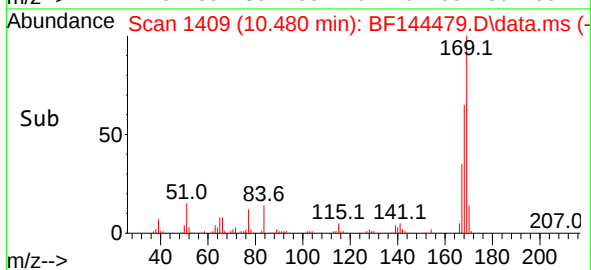
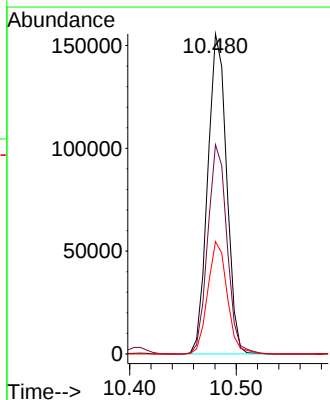
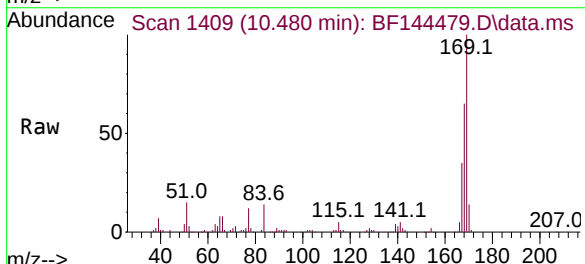
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

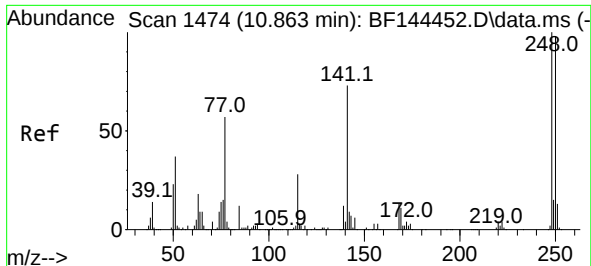
Tgt Ion:198 Resp: 18481
Ion Ratio Lower Upper
198 100
51 46.6 25.5 65.5
105 46.9 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 8.214 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:169 Resp: 191507
Ion Ratio Lower Upper
169 100
168 65.4 52.6 79.0
167 35.1 28.8 43.2

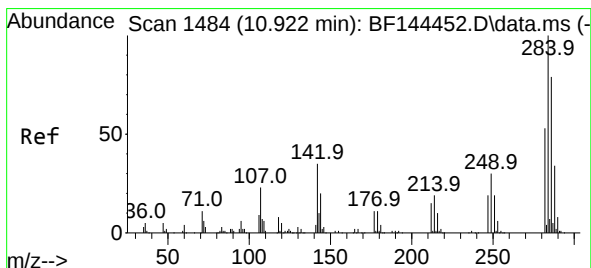
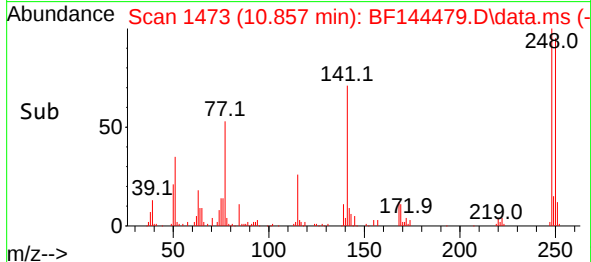
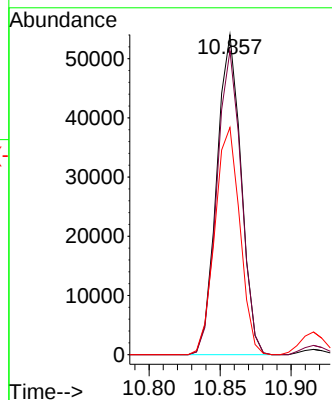
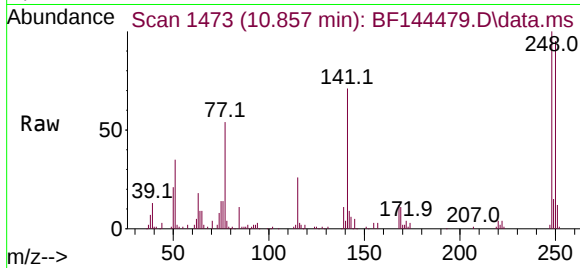




#67
4-Bromophenyl-phenylether
Concen: 8.111 ng
RT: 10.857 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

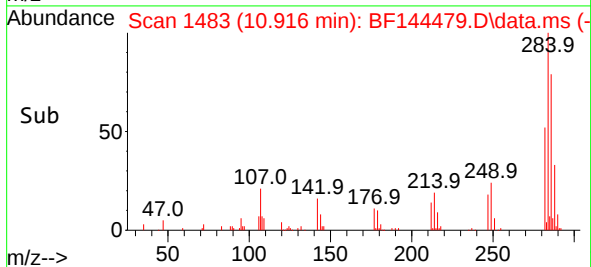
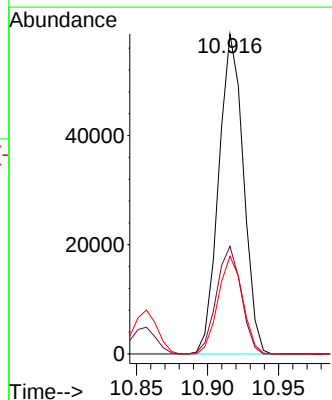
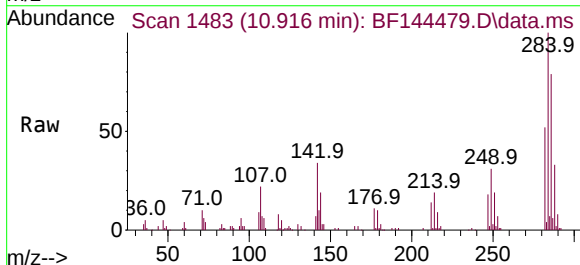
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

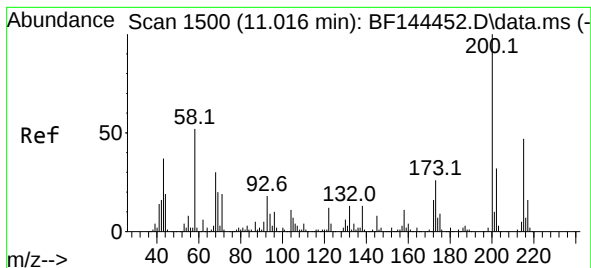
Tgt Ion:248 Resp: 64421
Ion Ratio Lower Upper
248 100
250 95.0 78.2 117.4
141 71.0 58.5 87.7



#68
Hexachlorobenzene
Concen: 8.110 ng
RT: 10.916 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:284 Resp: 71101
Ion Ratio Lower Upper
284 100
142 33.6 28.2 42.2
249 30.5 24.7 37.1





#69

Atrazine

Concen: 8.092 ng

RT: 11.004 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

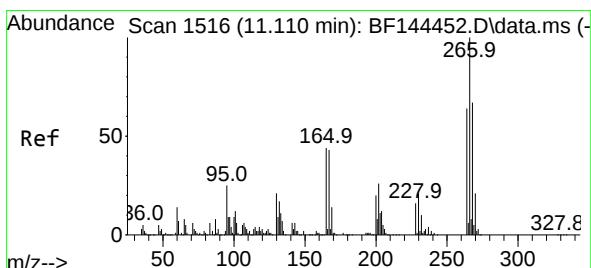
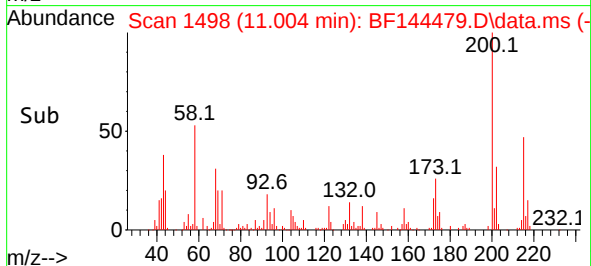
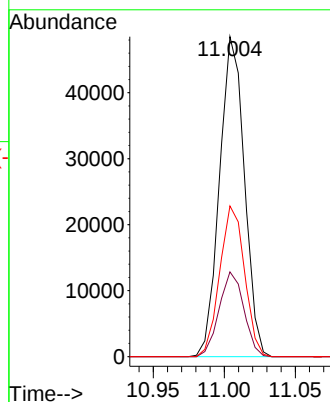
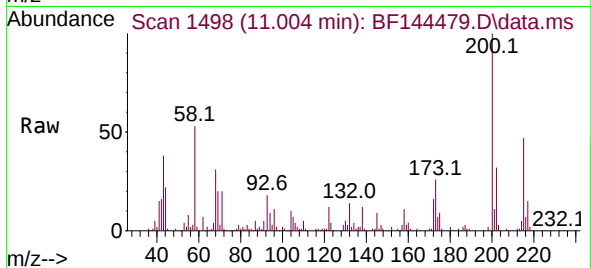
Tgt Ion:200 Resp: 59091

Ion Ratio Lower Upper

200 100

173 26.5 6.2 46.2

215 47.1 27.2 67.2



#70

Pentachlorophenol

Concen: 7.368 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

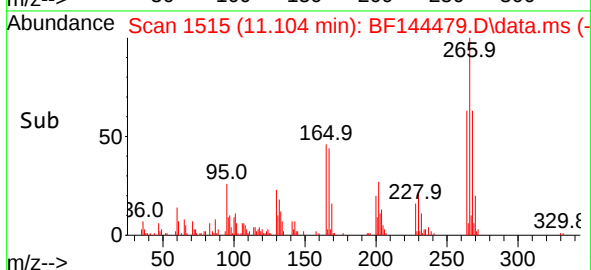
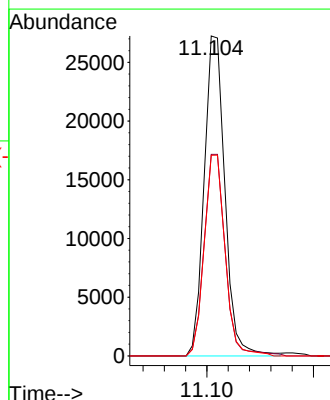
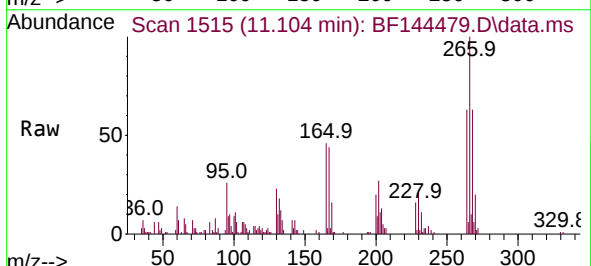
Tgt Ion:266 Resp: 36847

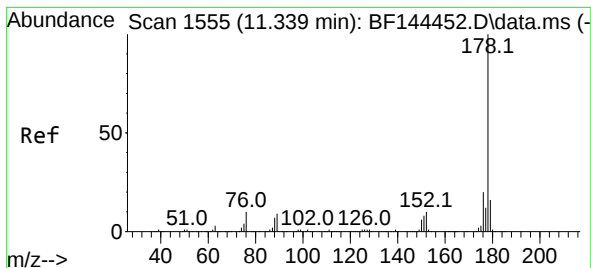
Ion Ratio Lower Upper

266 100

268 63.0 53.8 80.8

264 62.7 51.2 76.8





#71

Phenanthrene

Concen: 8.475 ng

RT: 11.333 min Scan# 1554

Delta R.T. -0.006 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

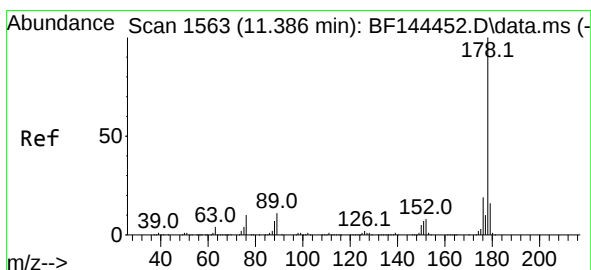
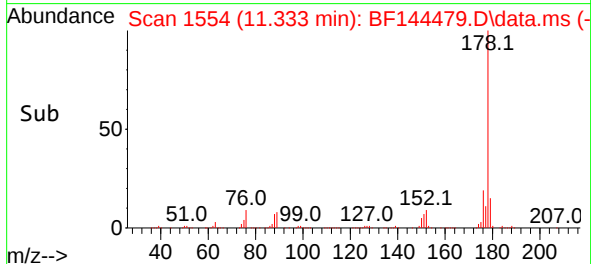
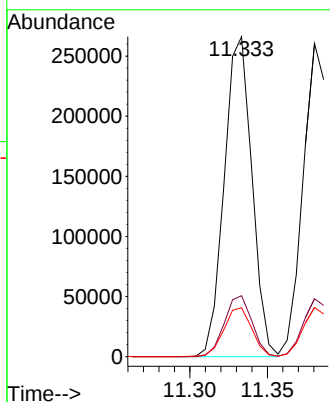
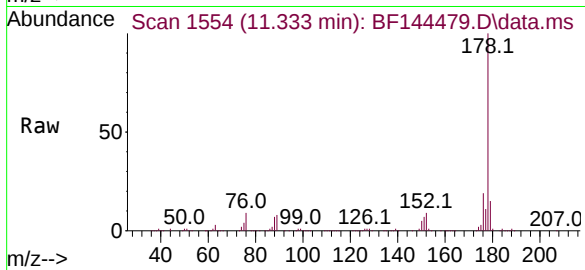
Tgt Ion:178 Resp: 332376

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

179 15.3 12.5 18.7



#72

Anthracene

Concen: 8.139 ng

RT: 11.380 min Scan# 1562

Delta R.T. -0.006 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

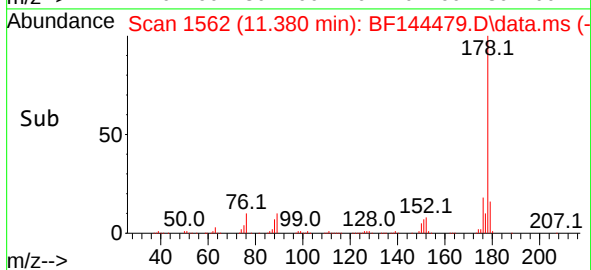
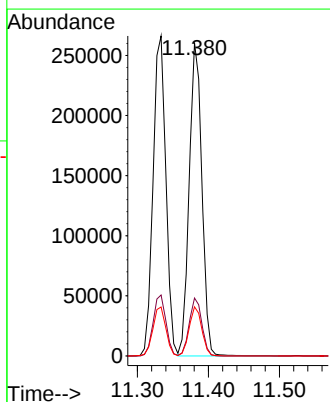
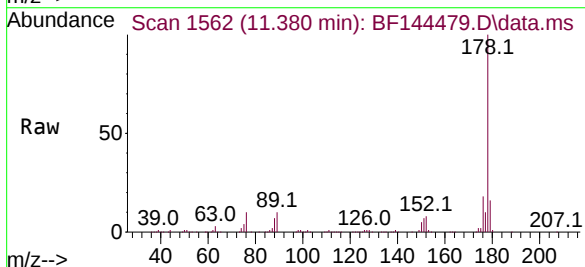
Tgt Ion:178 Resp: 323073

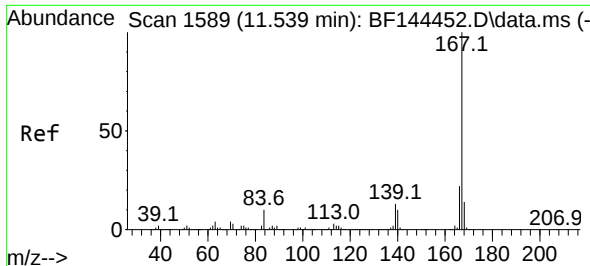
Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

179 15.7 12.7 19.1

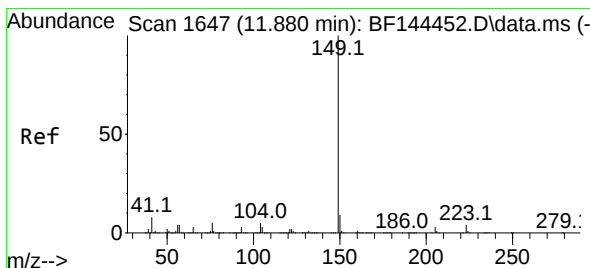
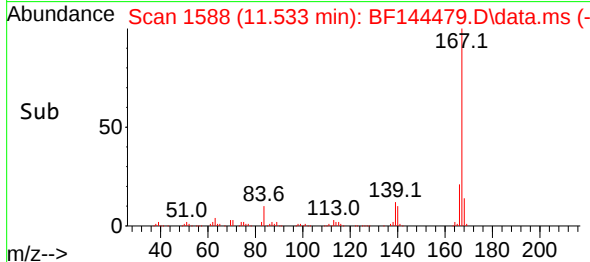
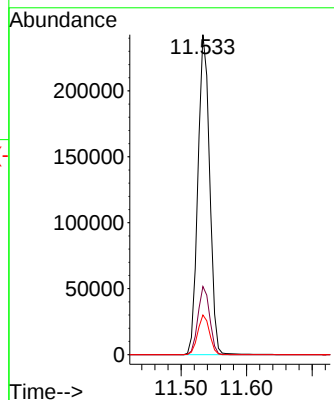
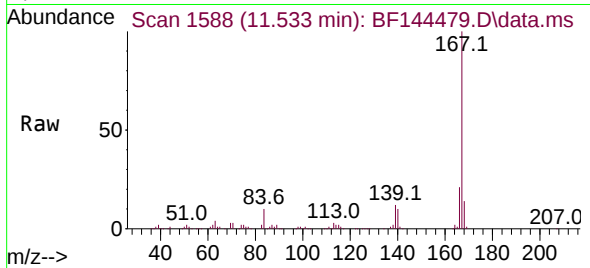




#73
 Carbazole
 Concen: 8.702 ng
 RT: 11.533 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF144479.D
 Acq: 15 Dec 2025 17:36

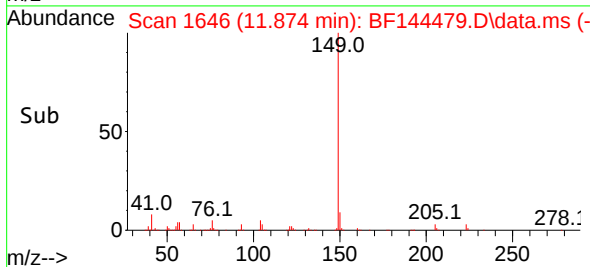
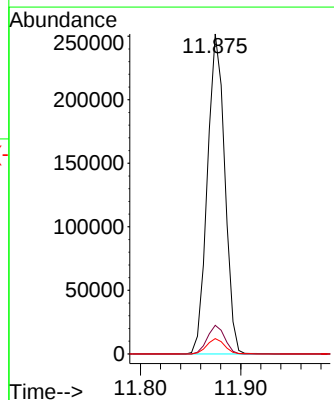
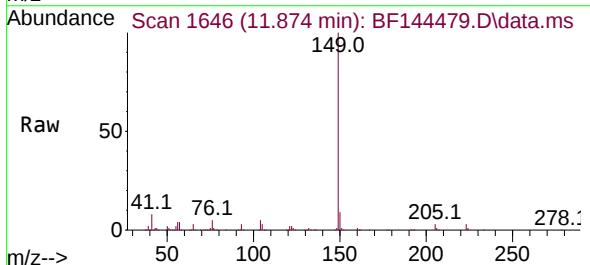
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

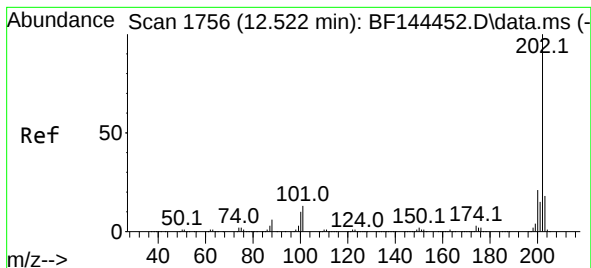
Tgt Ion:167 Resp: 299867
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 12.4 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 8.208 ng
 RT: 11.874 min Scan# 1646
 Delta R.T. -0.006 min
 Lab File: BF144479.D
 Acq: 15 Dec 2025 17:36

Tgt Ion:149 Resp: 302360
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 8.742 ng

RT: 12.516 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

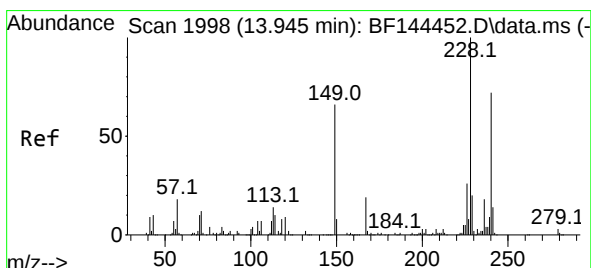
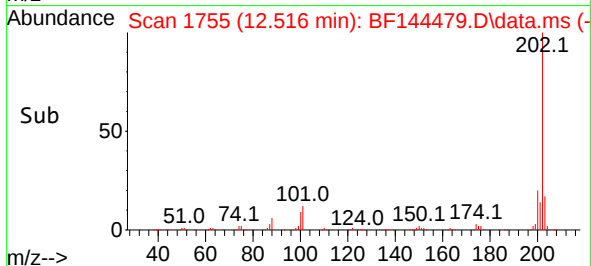
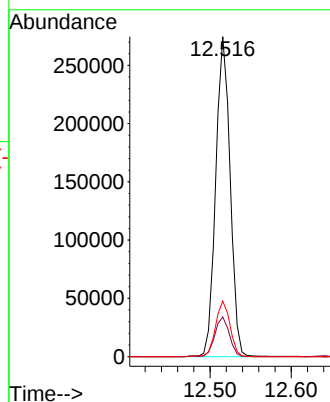
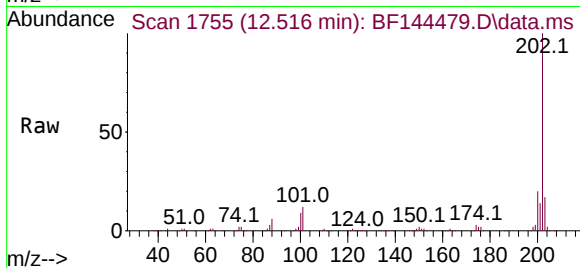
Tgt Ion:202 Resp: 338585

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.9

203 17.3 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: BF144479.D

Acq: 15 Dec 2025 17:36

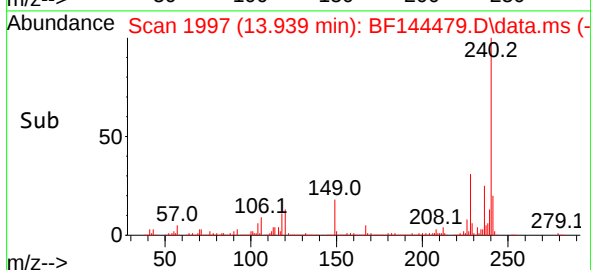
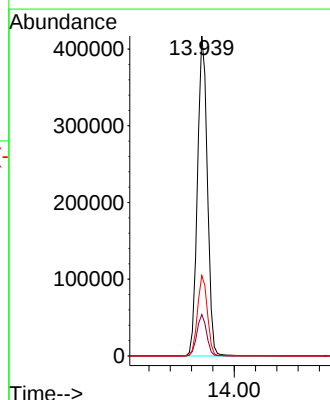
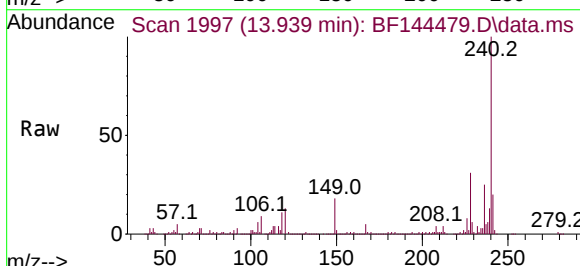
Tgt Ion:240 Resp: 537767

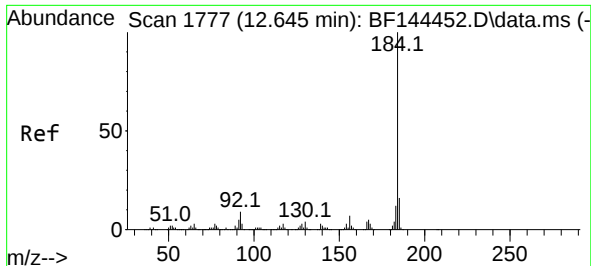
Ion Ratio Lower Upper

240 100

120 12.9 10.3 15.5

236 25.1 20.2 30.4

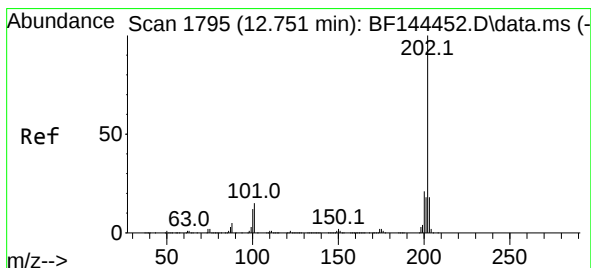
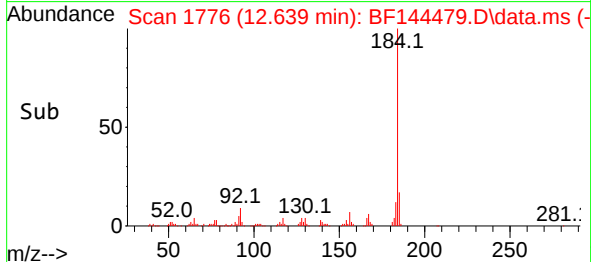
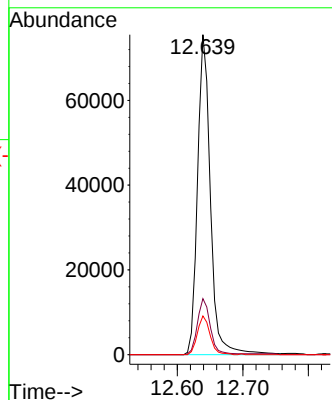
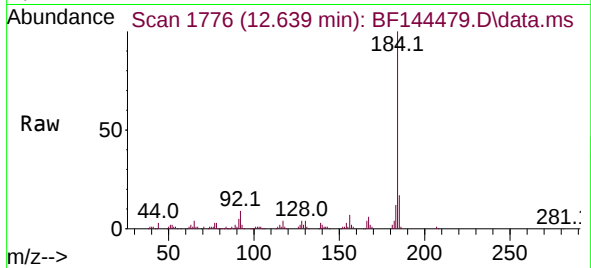




#77
Benzidine
Concen: 5.357 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

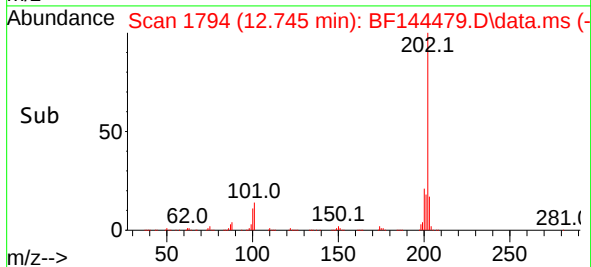
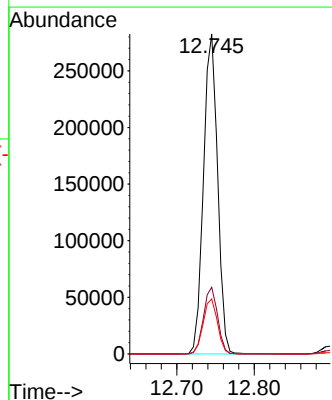
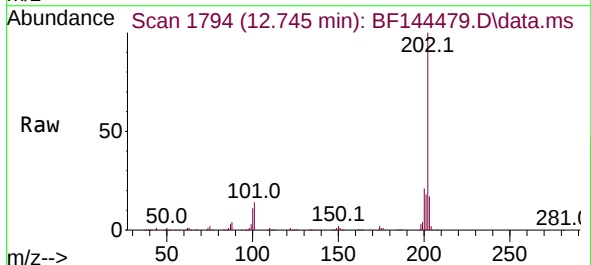
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

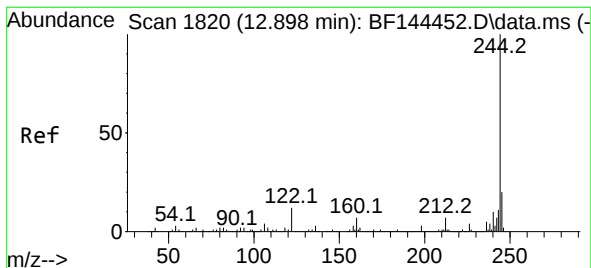
Tgt Ion:184 Resp: 102577
Ion Ratio Lower Upper
184 100
185 17.5 12.6 18.8
183 12.1 9.4 14.0



#78
Pyrene
Concen: 7.233 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:202 Resp: 356366
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.2 14.2 21.4





#79

Terphenyl-d14

Concen: 74.082 ng

RT: 12.898 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

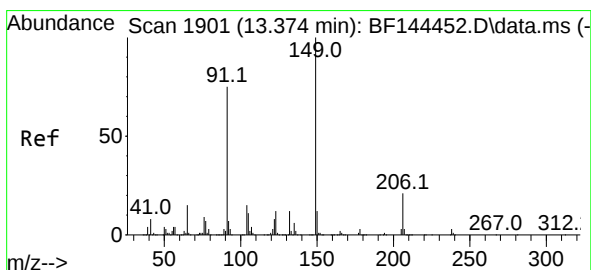
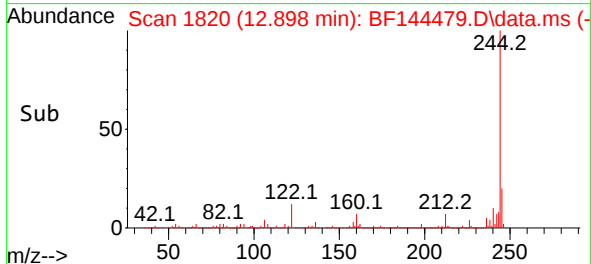
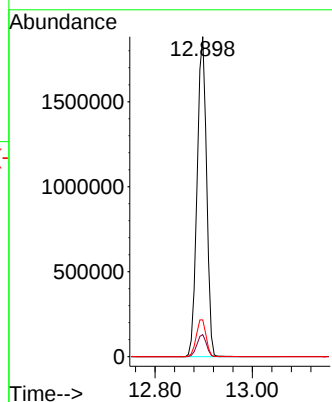
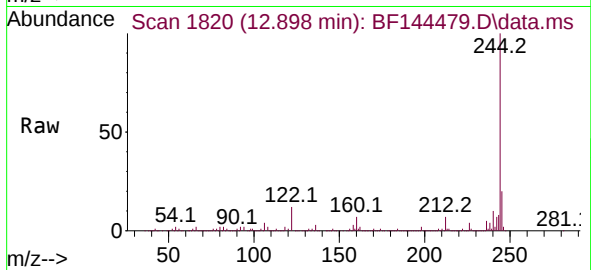
Tgt Ion:244 Resp: 2523373

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 11.5 9.9 14.9



#80

Butylbenzylphthalate

Concen: 9.089 ng

RT: 13.369 min Scan# 1900

Delta R.T. -0.005 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

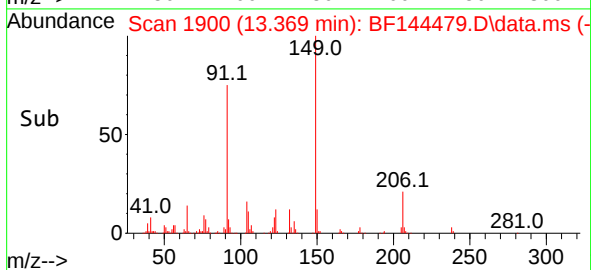
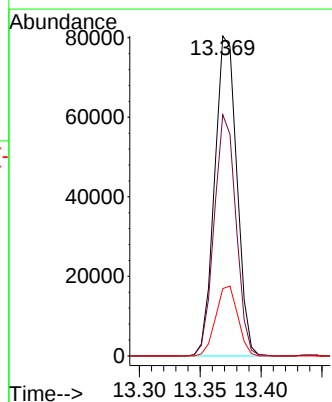
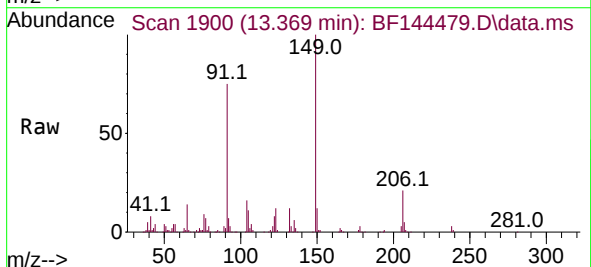
Tgt Ion:149 Resp: 101987

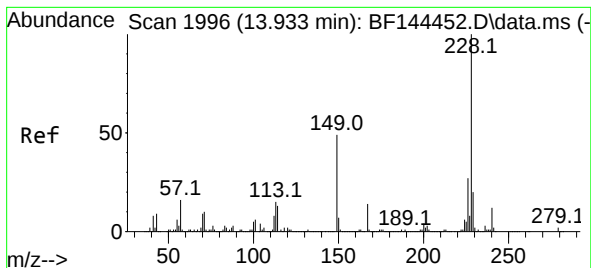
Ion Ratio Lower Upper

149 100

91 75.4 59.8 89.8

206 21.0 17.0 25.6





#81

Benzo(a)anthracene

Concen: 7.740 ng

RT: 13.927 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

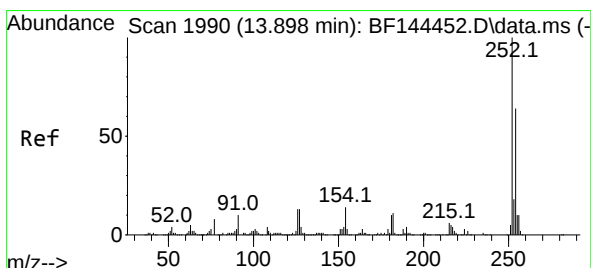
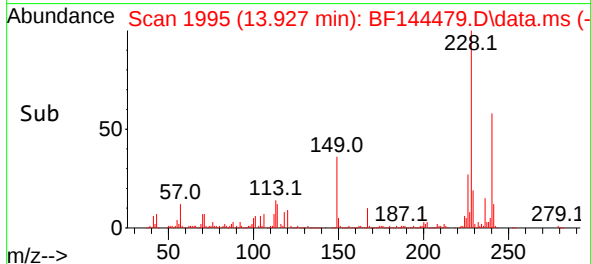
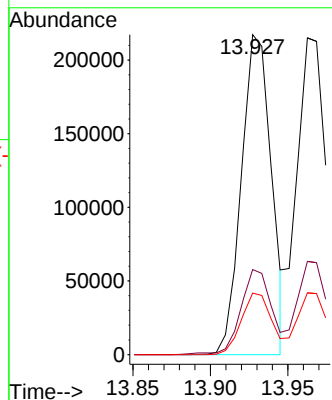
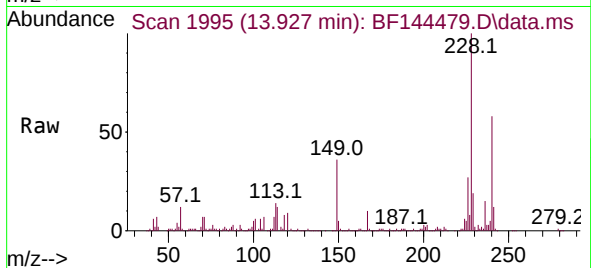
Tgt Ion:228 Resp: 293121

Ion Ratio Lower Upper

228 100

226 26.6 21.9 32.9

229 19.2 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 7.547 ng

RT: 13.898 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

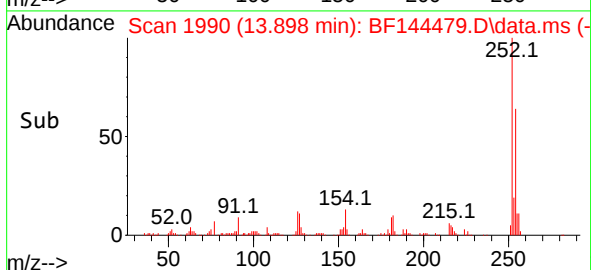
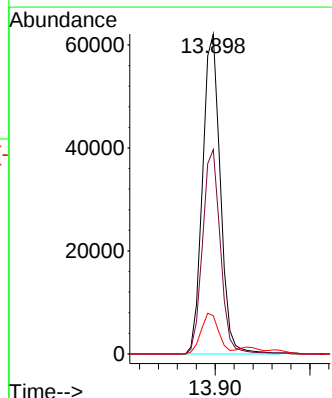
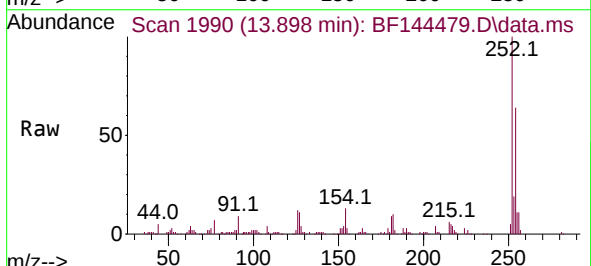
Tgt Ion:252 Resp: 80987

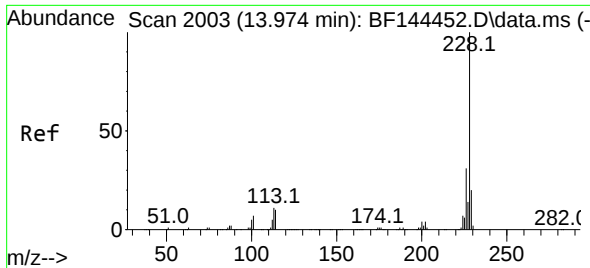
Ion Ratio Lower Upper

252 100

254 63.8 51.1 76.7

126 11.9 10.4 15.6

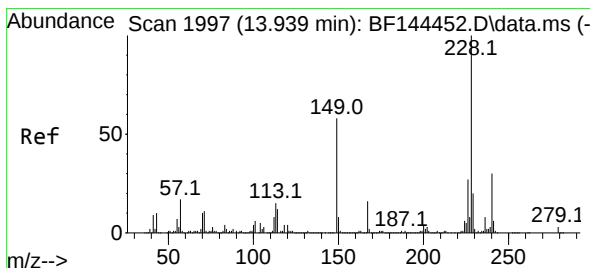
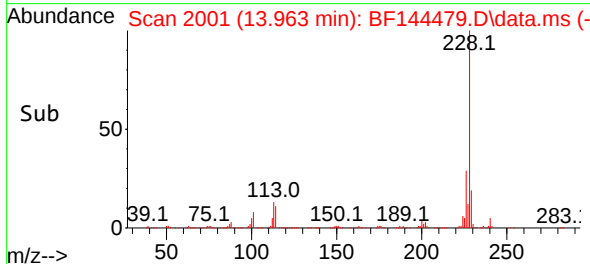
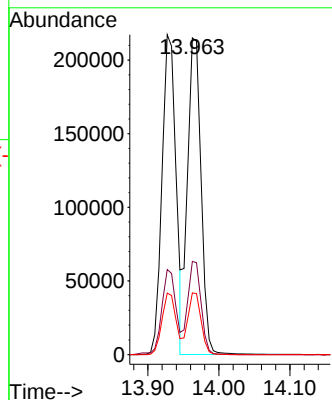
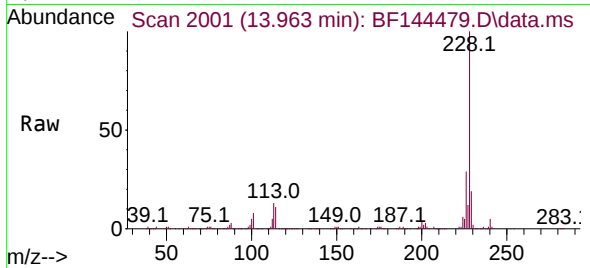




#83
Chrysene
Concen: 8.284 ng
RT: 13.963 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

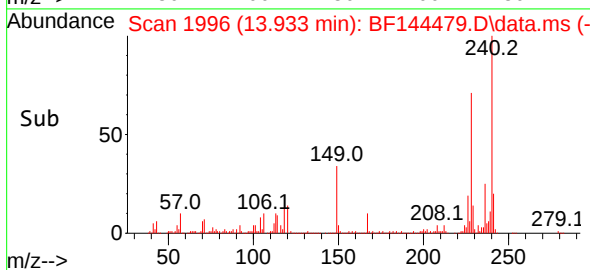
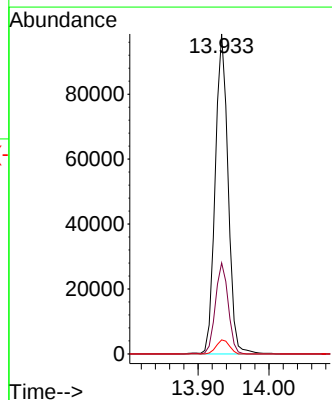
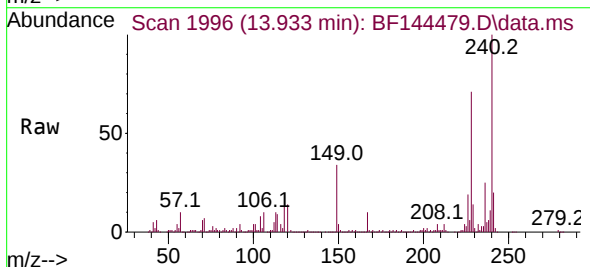
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

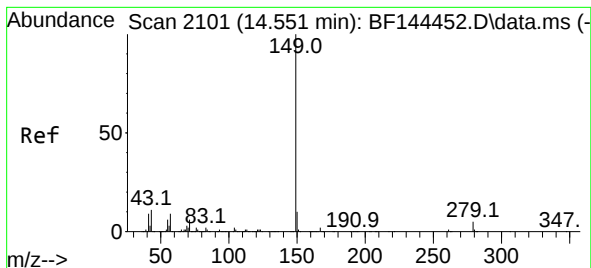
Tgt Ion:228	Resp: 287104
Ion Ratio	Lower Upper
228	100
226	29.4 24.3 36.5
229	19.5 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.068 ng
RT: 13.933 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion:149	Resp: 124426
Ion Ratio	Lower Upper
149	100
167	28.4 22.6 34.0
279	4.4 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 10.720 ng

RT: 14.545 min Scan# 2100

Delta R.T. -0.006 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

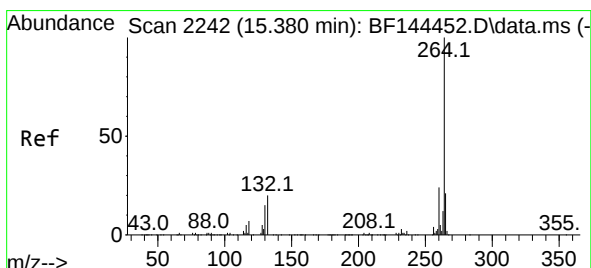
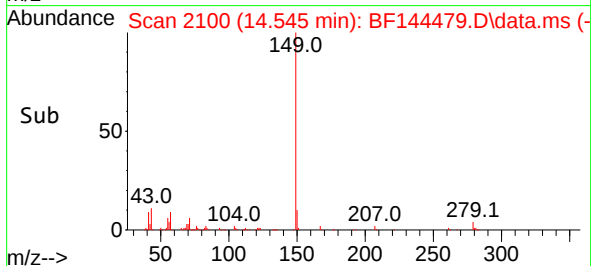
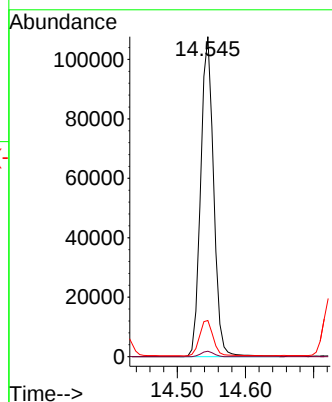
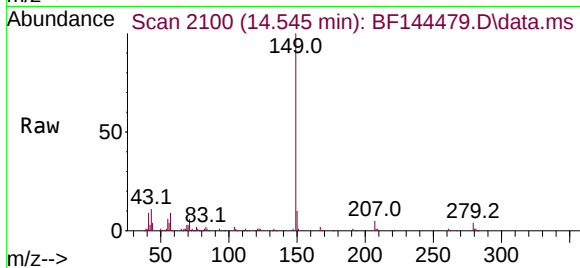
Tgt Ion:149 Resp: 142523

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.7 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: BF144479.D

Acq: 15 Dec 2025 17:36

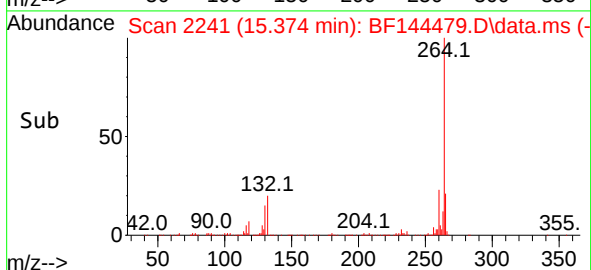
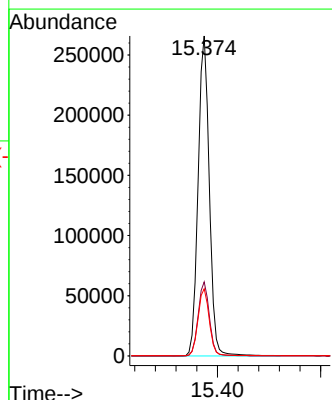
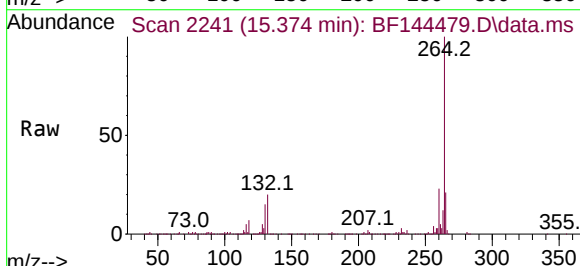
Tgt Ion:264 Resp: 399483

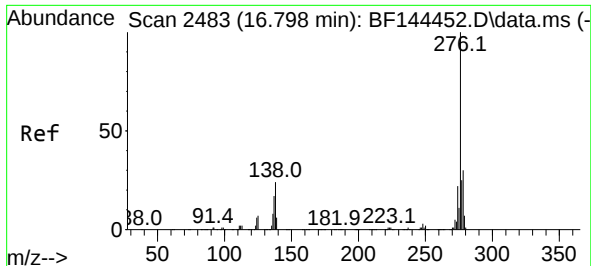
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.0 17.1 25.7

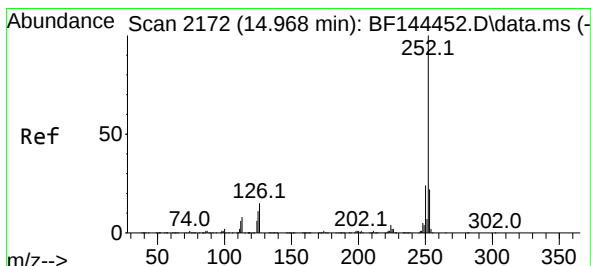
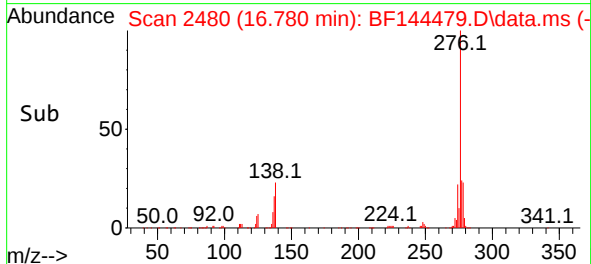
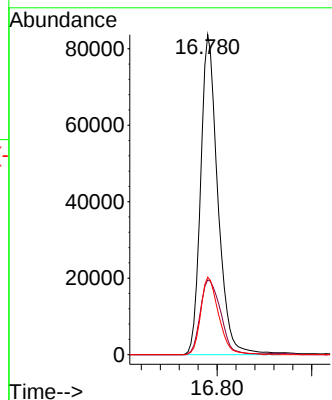
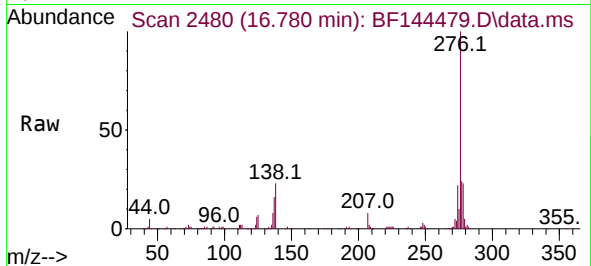




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.347 ng
 RT: 16.780 min Scan# 2483
 Delta R.T. -0.018 min
 Lab File: BF144479.D
 Acq: 15 Dec 2025 17:36

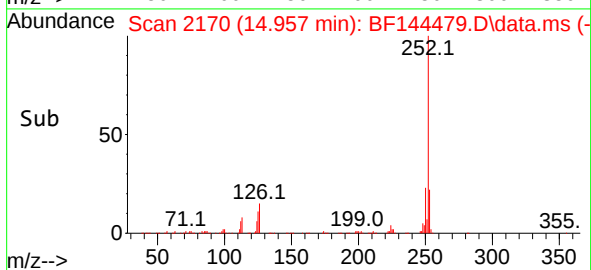
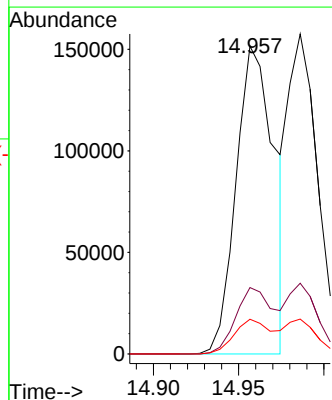
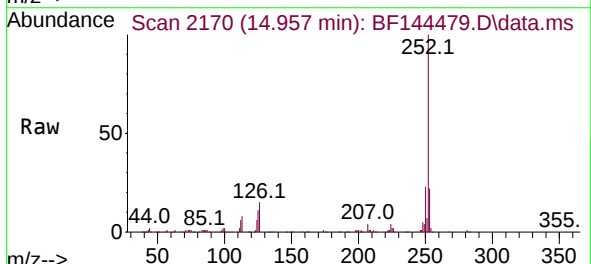
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

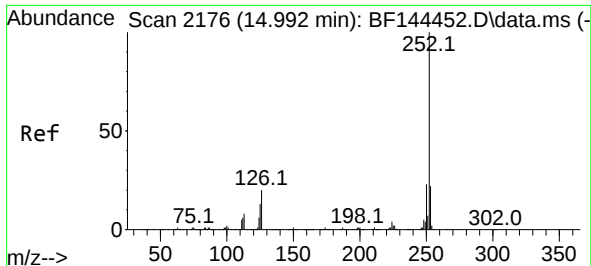
Tgt Ion:276 Resp: 210660
 Ion Ratio Lower Upper
 276 100
 138 27.7 21.9 32.9
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 9.031 ng
 RT: 14.957 min Scan# 2170
 Delta R.T. -0.012 min
 Lab File: BF144479.D
 Acq: 15 Dec 2025 17:36

Tgt Ion:252 Resp: 236843
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.7 26.5
 125 11.2 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 7.890 ng

RT: 14.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

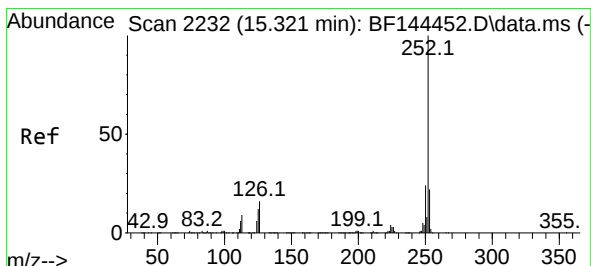
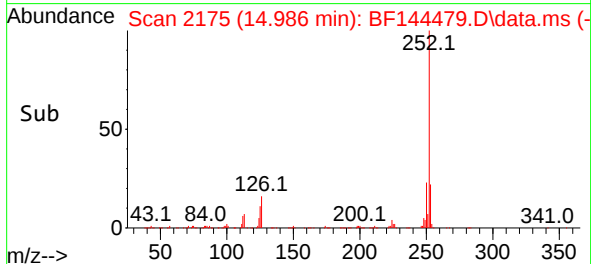
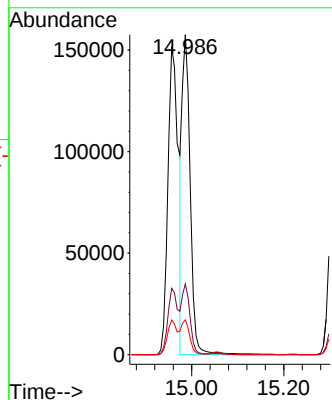
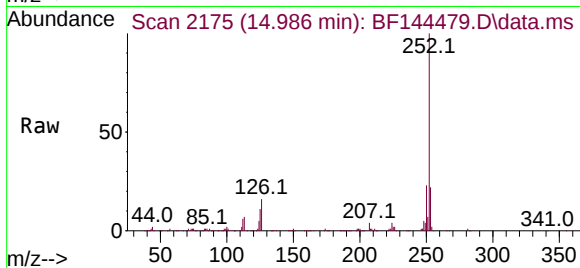
Tgt Ion:252 Resp: 195653

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.9 9.7 14.5



#90

Benzo(a)pyrene

Concen: 8.051 ng

RT: 15.310 min Scan# 2230

Delta R.T. -0.012 min

Lab File: BF144479.D

Acq: 15 Dec 2025 17:36

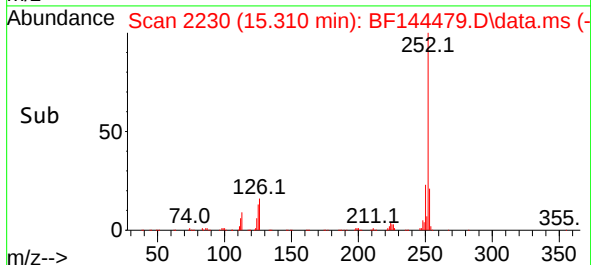
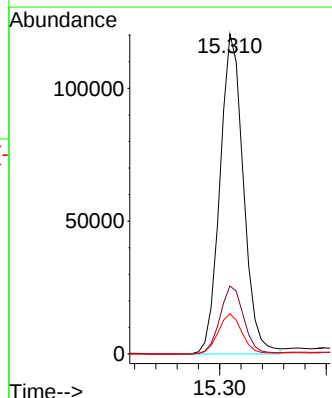
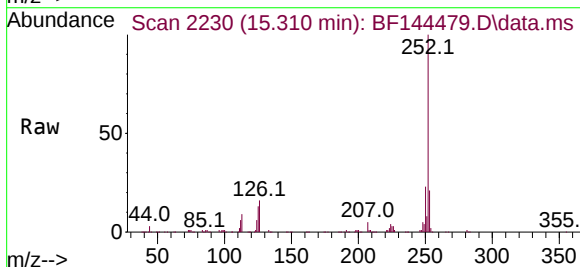
Tgt Ion:252 Resp: 184552

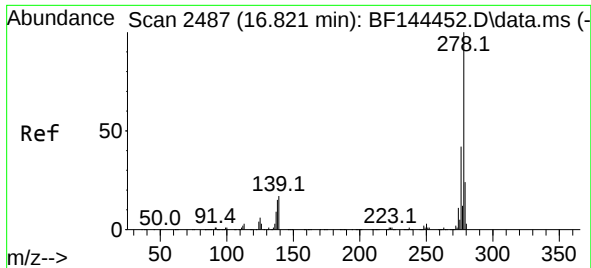
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 12.6 9.9 14.9

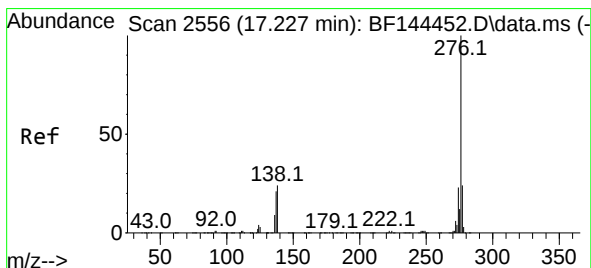
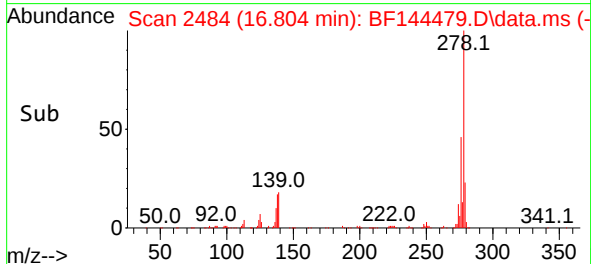
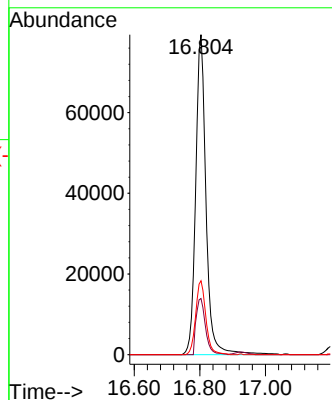
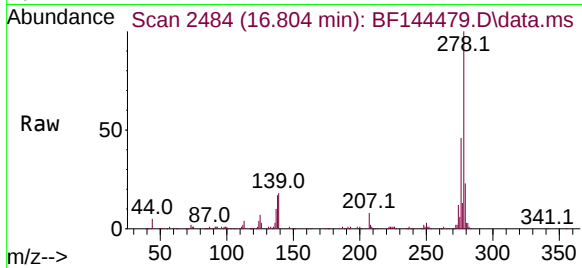




#91
Dibenzo(a,h)anthracene
Concen: 7.517 ng
RT: 16.804 min Scan# 2484
Delta R.T. -0.018 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.6	20.4
279	23.1	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 7.422 ng
RT: 17.204 min Scan# 2552
Delta R.T. -0.024 min
Lab File: BF144479.D
Acq: 15 Dec 2025 17:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	23.5	19.4	29.2

