

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143113.D
 Acq On : 16 Jul 2025 14:35
 Operator : RC/JU
 Sample : Q2126-07
 Misc : LOD-MDL-WATER-8 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 16 15:07:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	143309	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	545492	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	276539	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	443930	20.000	ng	0.00
76) Chrysene-d12	14.127	240	239190	20.000	ng	0.00
86) Perylene-d12	15.633	264	229484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1021939	112.665	ng	0.00
7) Phenol-d6	6.587	99	1316779	115.490	ng	0.00
23) Nitrobenzene-d5	7.522	82	819410	84.268	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	330244	133.932	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1492887	71.761	ng	0.00
79) Terphenyl-d14	13.074	244	1302393	79.596	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	33552	7.431	ng	100
3) Pyridine	3.616	79	85354	7.465	ng	98
4) n-Nitrosodimethylamine	3.510	42	42995	7.258	ng	# 96
6) Aniline	6.628	93	124654	7.764	ng	99
8) 2-Chlorophenol	6.751	128	73371	8.051	ng	87
9) Benzaldehyde	6.516	77	67148	7.729	ng	99
10) Phenol	6.598	94	103849	8.414	ng	# 78
11) bis(2-Chloroethyl)ether	6.698	93	74514	7.798	ng	99
12) 1,3-Dichlorobenzene	6.910	146	81767	7.942	ng	98
13) 1,4-Dichlorobenzene	6.987	146	82457	7.961	ng	99
14) 1,2-Dichlorobenzene	7.140	146	78803	7.978	ng	99
15) Benzyl Alcohol	7.093	79	65111	7.707	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	138179	7.845	ng	99
17) 2-Methylphenol	7.198	107	61254	7.789	ng	99
18) Hexachloroethane	7.487	117	27062	8.026	ng	97
19) n-Nitroso-di-n-propyla...	7.363	70	56550	8.096	ng	97
20) 3+4-Methylphenols	7.351	107	80762	8.374	ng	# 84
22) Acetophenone	7.363	105	109521	8.329	ng	96
24) Nitrobenzene	7.540	77	81823	8.716	ng	99
25) Isophorone	7.775	82	145828	7.759	ng	99
26) 2-Nitrophenol	7.857	139	25346	10.134	ng	97
27) 2,4-Dimethylphenol	7.887	122	69903	8.013	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	91358	8.016	ng	99
29) 2,4-Dichlorophenol	8.092	162	57319	8.032	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	63913	7.891	ng	96
31) Naphthalene	8.269	128	223465	8.249	ng	99
32) Benzoic acid	7.934	122	19512	10.400	ng	97
33) 4-Chloroaniline	8.304	127	87651	8.046	ng	99
34) Hexachlorobutadiene	8.392	225	38419	7.932	ng	98
35) Caprolactam	8.634	113	15514	6.962	ng	99
36) 4-Chloro-3-methylphenol	8.775	107	62242	7.830	ng	98
37) 2-Methylnaphthalene	8.957	142	133349	8.252	ng	98
38) 1-Methylnaphthalene	9.057	142	136127	8.122	ng	98
40) 1,2,4,5-Tetrachloroben...	9.128	216	66251	8.221	ng	99
41) Hexachlorocyclopentadiene	9.116	237	28656	6.413	ng	98
43) 2,4,6-Trichlorophenol	9.228	196	38378	7.664	ng	99

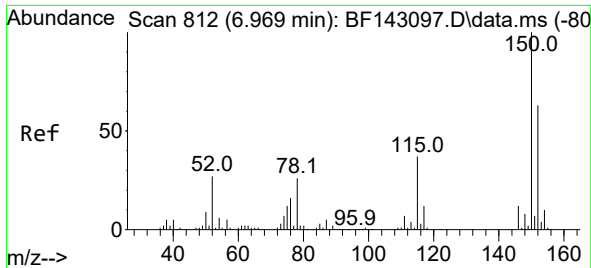
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	42391	8.074	ng	99
46) 1,1'-Biphenyl	9.422	154	180297	8.175	ng	100
47) 2-Chloronaphthalene	9.445	162	130830	8.075	ng	99
48) 2-Nitroaniline	9.528	65	32628	9.475	ng	95
49) Acenaphthylene	9.863	152	218972	8.111	ng	99
50) Dimethylphthalate	9.710	163	141063	8.108	ng	99
51) 2,6-Dinitrotoluene	9.769	165	23954	9.358	ng	94
52) Acenaphthene	10.033	154	129054	8.101	ng	99
53) 3-Nitroaniline	9.939	138	29629	7.882	ng	96
54) 2,4-Dinitrophenol	10.039	184	5364	10.330	ng	# 1
55) Dibenzofuran	10.204	168	190946	8.041	ng	99
56) 4-Nitrophenol	10.081	139	20660	6.915	ng	97
57) 2,4-Dinitrotoluene	10.169	165	27996	9.459	ng	98
58) Fluorene	10.551	166	148904	8.364	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	32884	7.881	ng	98
60) Diethylphthalate	10.416	149	132006	7.865	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	70894	8.309	ng	97
62) 4-Nitroaniline	10.545	138	25878	7.916	ng	99
63) Azobenzene	10.698	77	142108	7.656	ng	99
65) 4,6-Dinitro-2-methylph...	10.581	198	8714	10.914	ng	95
66) n-Nitrosodiphenylamine	10.657	169	124476	7.982	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	39475	7.819	ng	96
68) Hexachlorobenzene	11.098	284	43435	8.109	ng	99
69) Atrazine	11.175	200	30935	7.754	ng	99
70) Pentachlorophenol	11.286	266	19927	6.781	ng	96
71) Phenanthrene	11.510	178	196397	8.197	ng	100
72) Anthracene	11.563	178	195088	8.097	ng	99
73) Carbazole	11.710	167	176735	8.188	ng	99
74) Di-n-butylphthalate	12.045	149	151800	7.662	ng	99
75) Fluoranthene	12.698	202	176691	8.111	ng	99
77) Benzidine	12.816	184	61971	7.605	ng	96
78) Pyrene	12.927	202	180970	8.154	ng	99
80) Butylbenzylphthalate	13.545	149	24189	8.451	ng	96
81) Benzo(a)anthracene	14.116	228	120381	7.553	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	29003	6.266	ng	99
83) Chrysene	14.151	228	111404	7.589	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	36669	8.476	ng	100
85) Di-n-octyl phthalate	14.721	149	60709	10.798	ng	# 98
87) Indeno(1,2,3-cd)pyrene	17.162	276	133770	7.837	ng	99
88) Benzo(b)fluoranthene	15.186	252	94146	7.112	ng	100
89) Benzo(k)fluoranthene	15.216	252	97346	7.709	ng	99
90) Benzo(a)pyrene	15.563	252	91021	7.270	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	110266	7.903	ng	99
92) Benzo(g,h,i)perylene	17.627	276	113230	7.960	ng	99

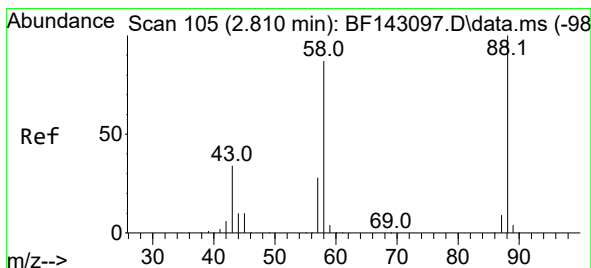
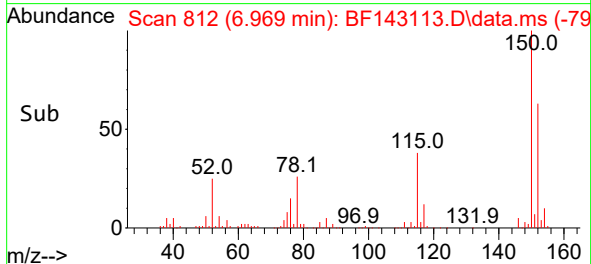
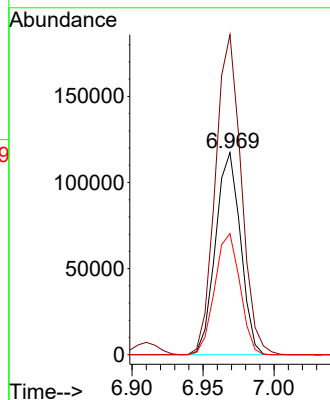
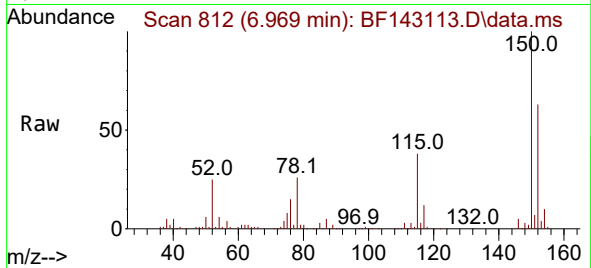
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF143113.D
 Acq: 16 Jul 2025 14:35

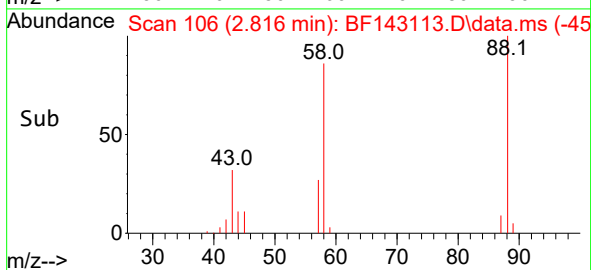
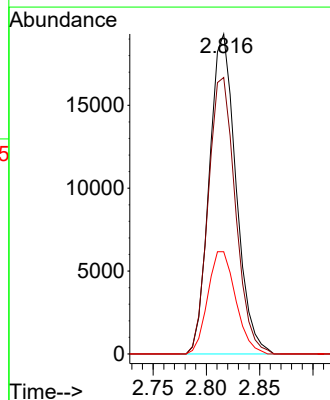
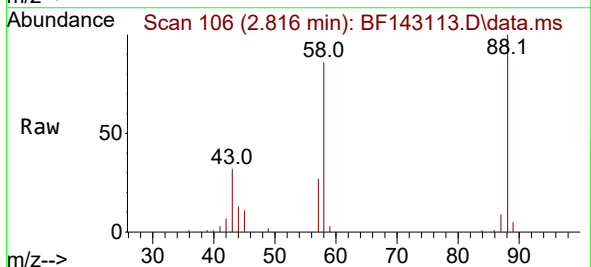
Instrument :
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 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

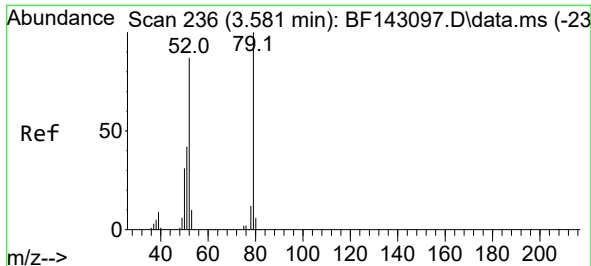
Tgt Ion:152 Resp: 143309
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.5 189.7
 115 60.0 47.0 70.6



#2
 1,4-Dioxane
 Concen: 7.431 ng
 RT: 2.816 min Scan# 106
 Delta R.T. 0.006 min
 Lab File: BF143113.D
 Acq: 16 Jul 2025 14:35

Tgt Ion: 88 Resp: 33552
 Ion Ratio Lower Upper
 88 100
 58 87.9 70.5 105.7
 43 33.5 27.3 40.9





#3

Pyridine

Concen: 7.465 ng

RT: 3.616 min Scan# 24

Delta R.T. 0.035 min

Lab File: BF143113.D

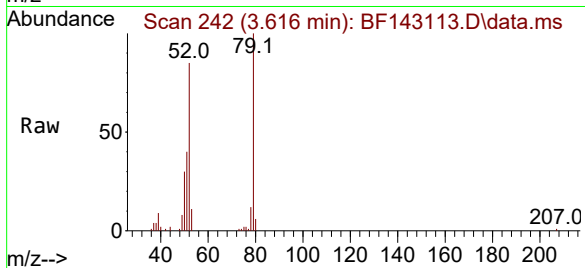
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Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



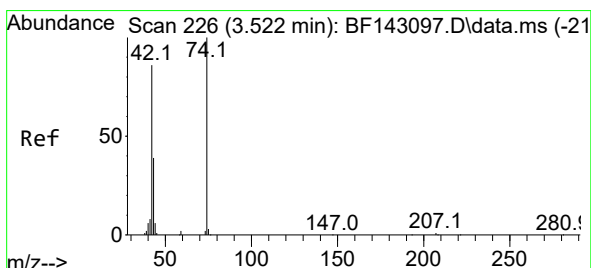
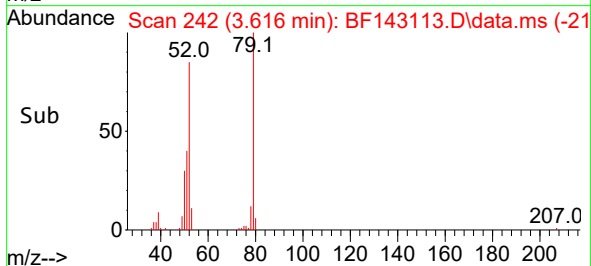
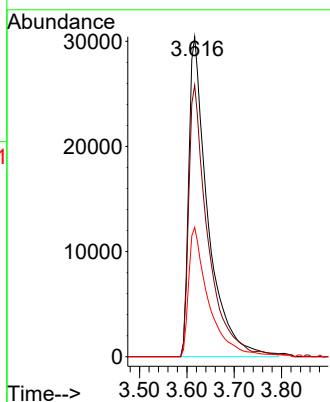
Tgt Ion: 79 Resp: 85354

Ion Ratio Lower Upper

79 100

52 84.9 69.2 103.8

51 40.4 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 7.258 ng

RT: 3.510 min Scan# 224

Delta R.T. -0.012 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

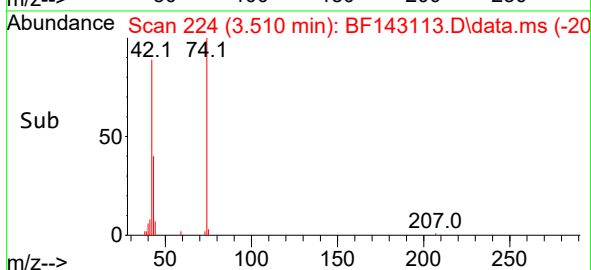
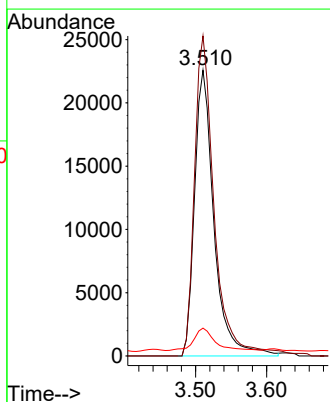
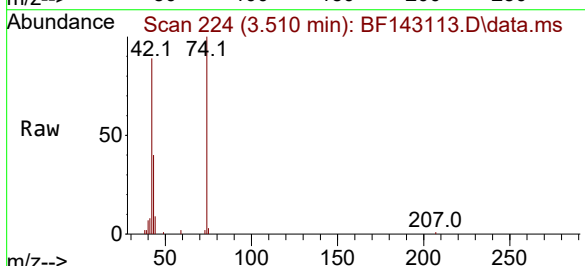
Tgt Ion: 42 Resp: 42995

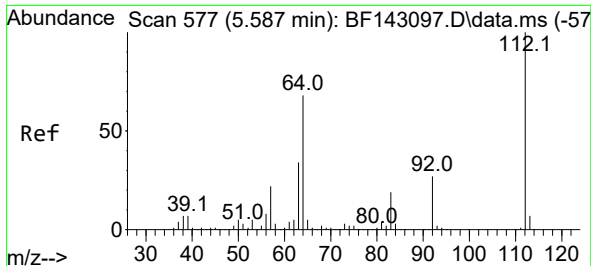
Ion Ratio Lower Upper

42 100

74 112.0 92.8 139.2

44 9.8 5.8 8.6#

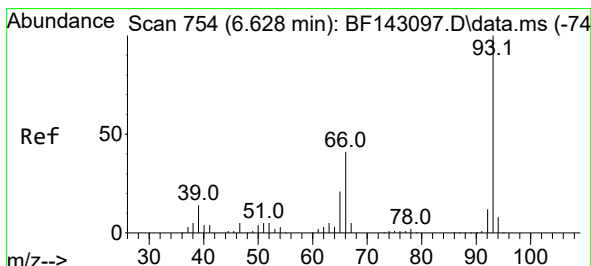
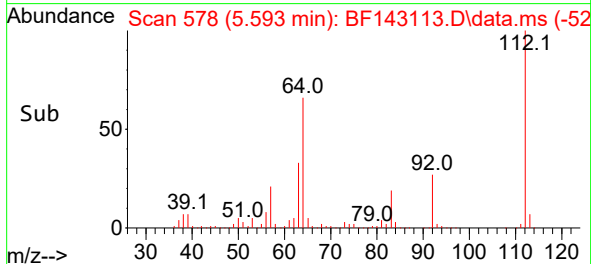
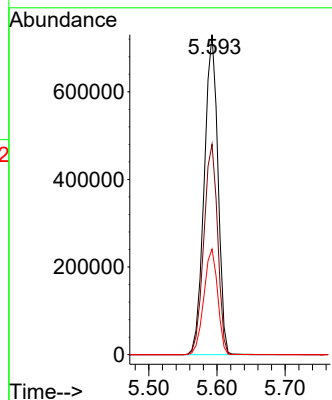
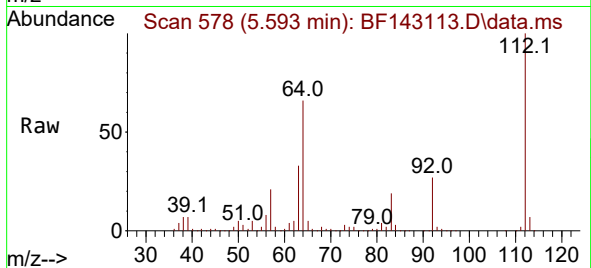




#5
2-Fluorophenol
Concen: 112.665 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

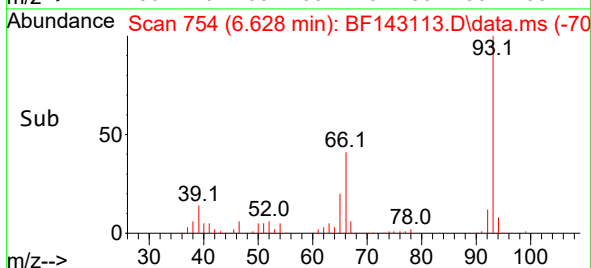
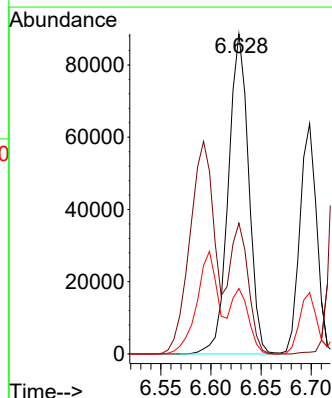
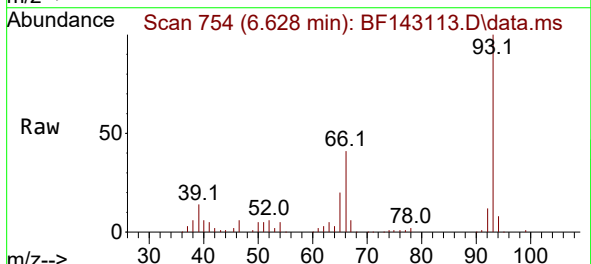
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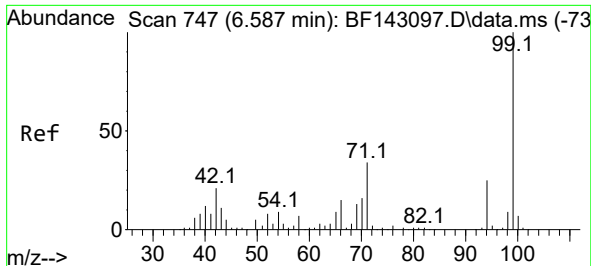
Tgt Ion:112 Resp: 1021939
Ion Ratio Lower Upper
112 100
64 65.8 54.6 82.0
63 33.0 27.3 40.9



#6
Aniline
Concen: 7.764 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion: 93 Resp: 124654
Ion Ratio Lower Upper
93 100
66 40.9 33.1 49.7
65 20.4 16.9 25.3





#7

Phenol-d6

Concen: 115.490 ng

RT: 6.587 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

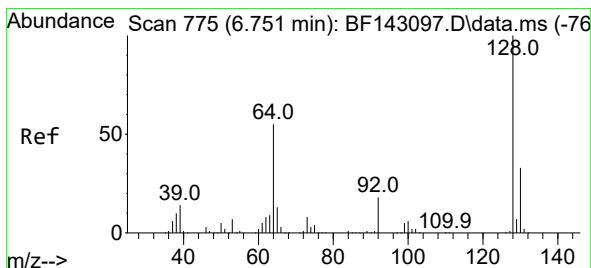
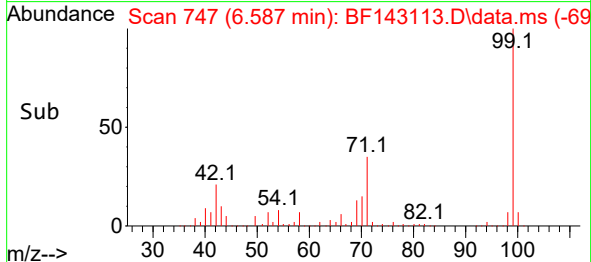
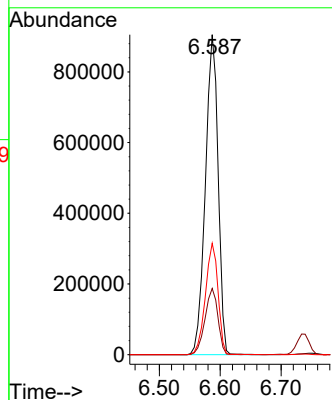
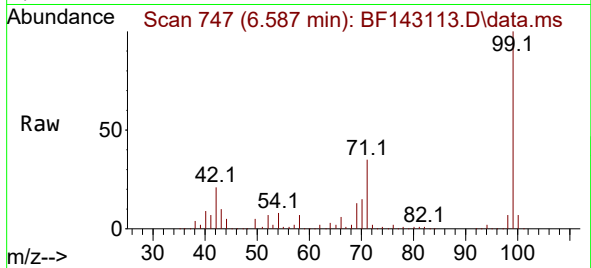
Tgt Ion: 99 Resp: 1316779

Ion Ratio Lower Upper

99 100

42 20.7 17.2 25.8

71 34.8 27.4 41.0



#8

2-Chlorophenol

Concen: 8.051 ng

RT: 6.751 min Scan# 775

Delta R.T. 0.000 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

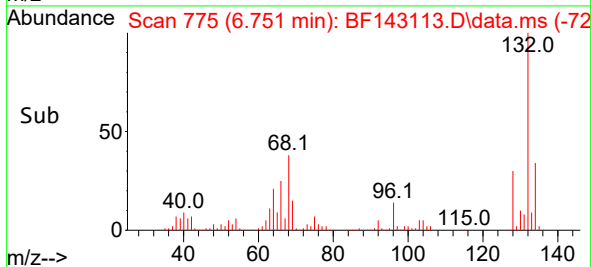
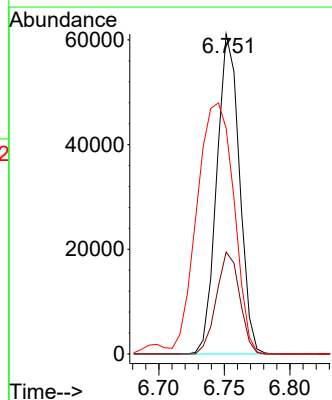
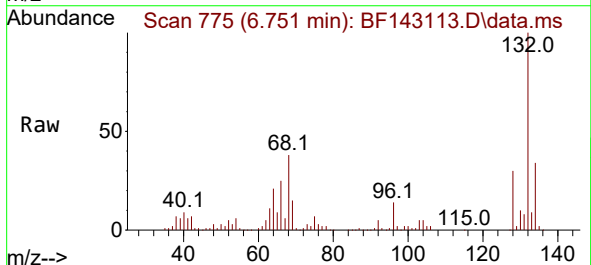
Tgt Ion:128 Resp: 73371

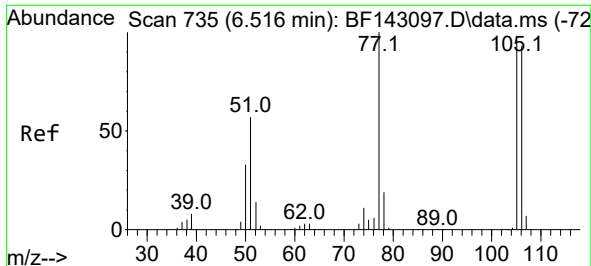
Ion Ratio Lower Upper

128 100

130 31.9 12.8 52.8

64 70.5 36.1 76.1

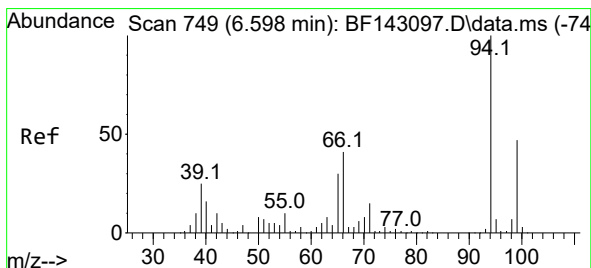
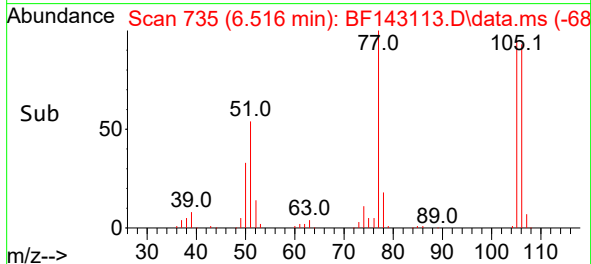
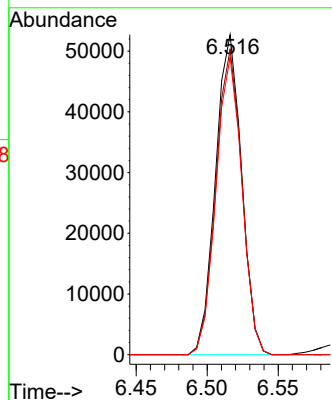
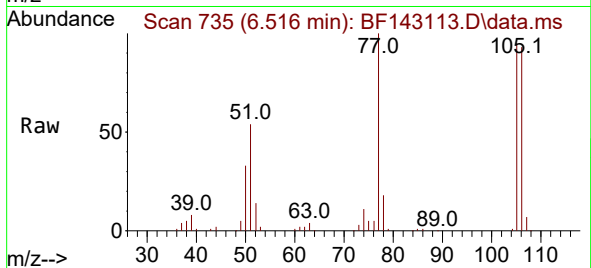




#9
Benzaldehyde
Concen: 7.729 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

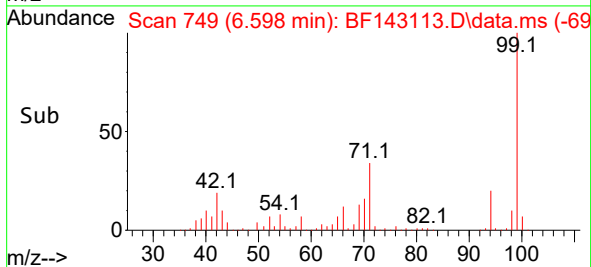
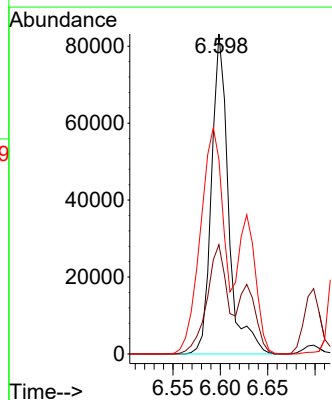
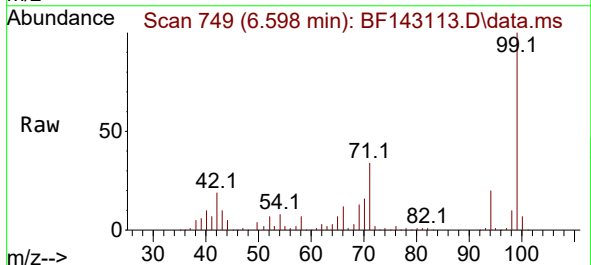
Instrument :
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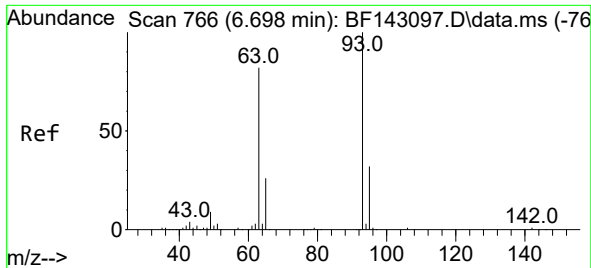
Tgt Ion: 77 Resp: 67148
Ion Ratio Lower Upper
77 100
105 95.4 76.3 116.3
106 93.0 72.8 112.8



#10
Phenol
Concen: 8.414 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion: 94 Resp: 103849
Ion Ratio Lower Upper
94 100
65 34.2 9.8 49.8
66 60.8 20.5 60.5#

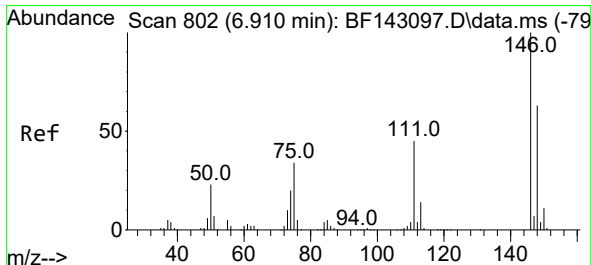
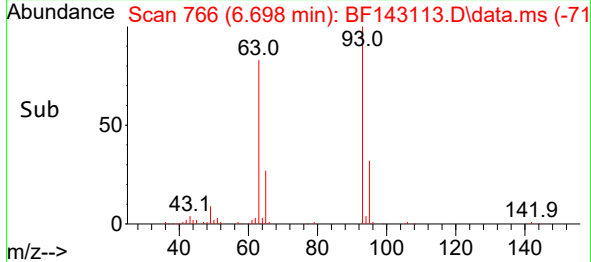
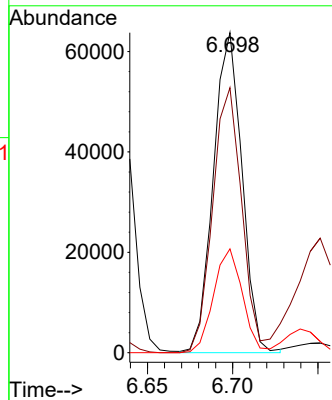
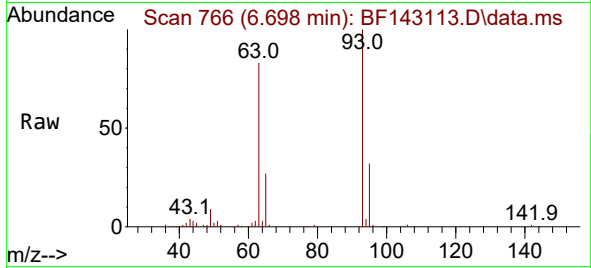




#11
bis(2-Chloroethyl)ether
Concen: 7.798 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

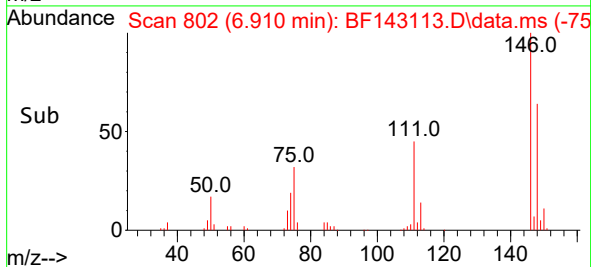
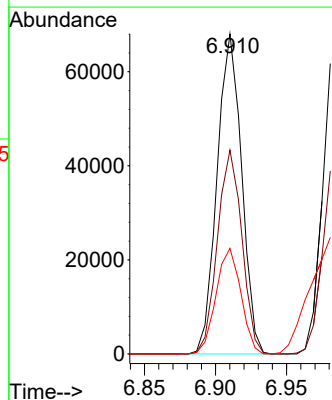
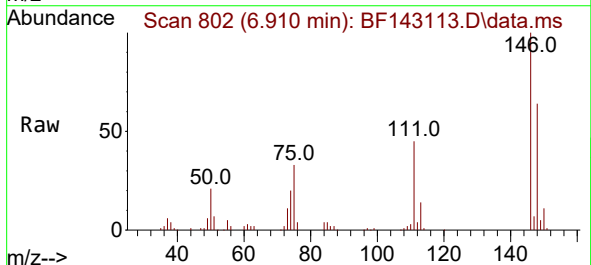
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

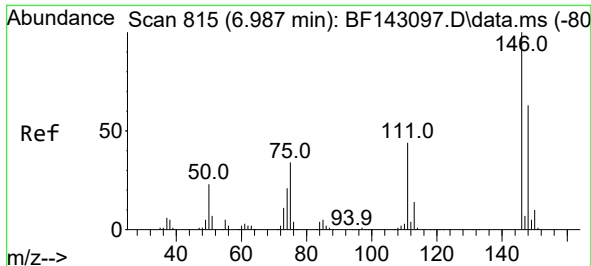
Tgt Ion:	93	Resp:	74514
Ion	Ratio	Lower	Upper
93	100		
63	82.8	61.9	101.9
95	32.5	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 7.942 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:	146	Resp:	81767
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.1	75.1
75	33.0	27.4	41.0

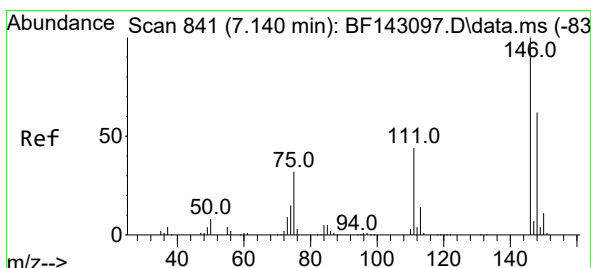
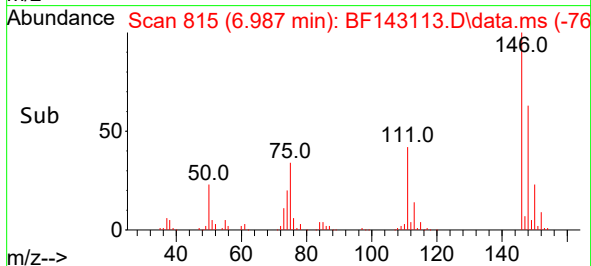
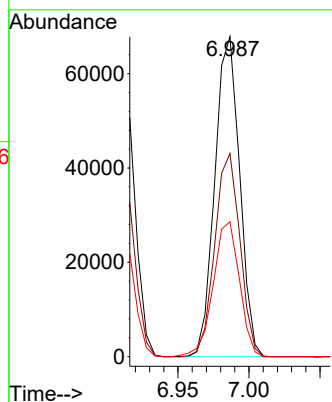
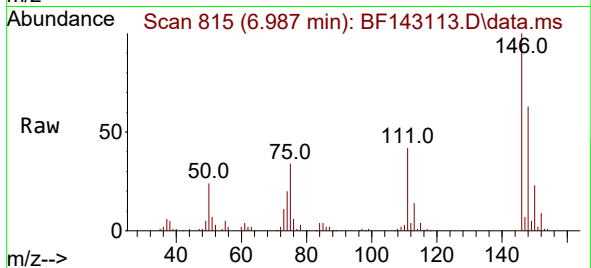




#13
1,4-Dichlorobenzene
Concen: 7.961 ng
RT: 6.987 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

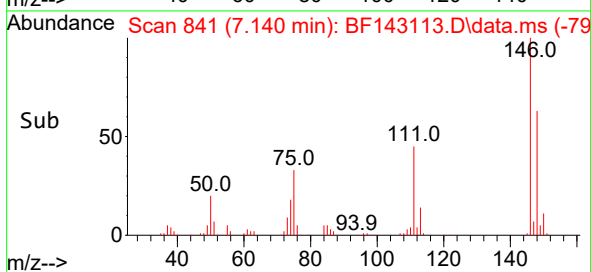
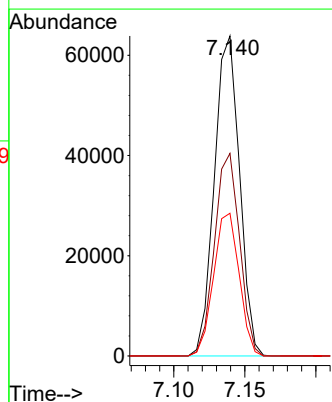
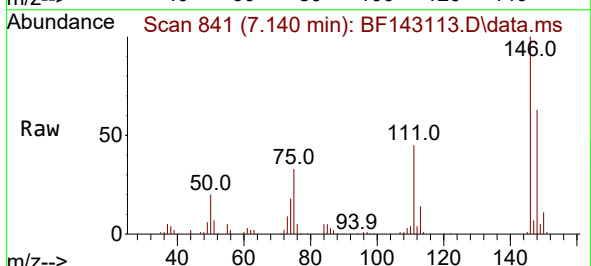
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

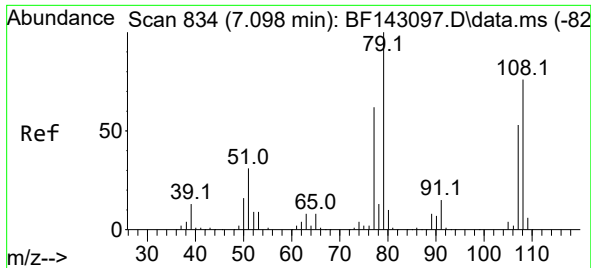
Tgt Ion:146 Resp: 82457
Ion Ratio Lower Upper
146 100
148 63.5 50.6 76.0
111 42.2 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 7.978 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:146 Resp: 78803
Ion Ratio Lower Upper
146 100
148 63.3 49.8 74.6
111 44.6 35.4 53.0

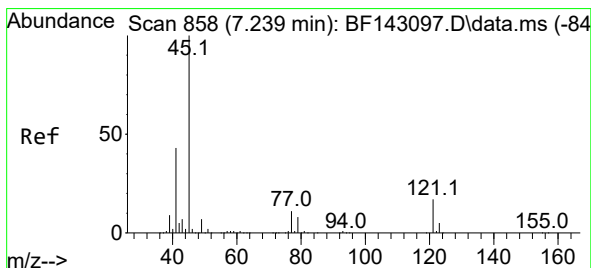
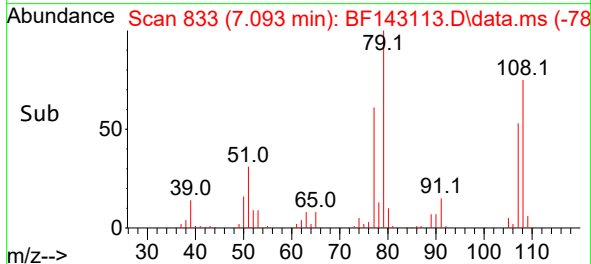
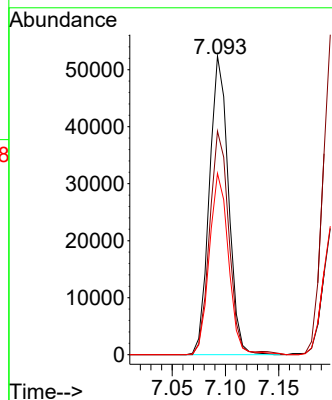
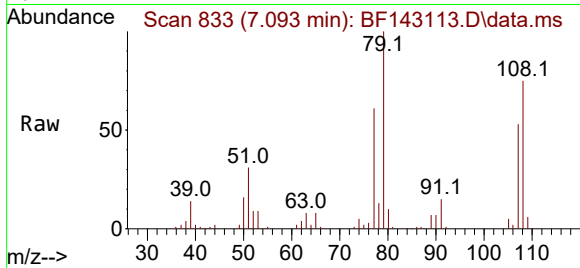




#15
Benzyl Alcohol
Concen: 7.707 ng
RT: 7.093 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

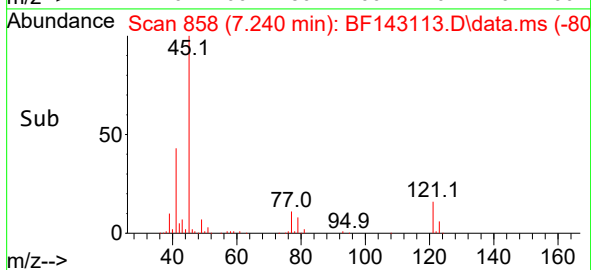
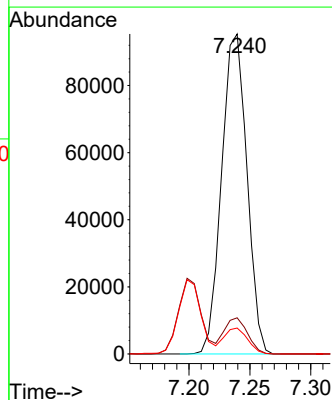
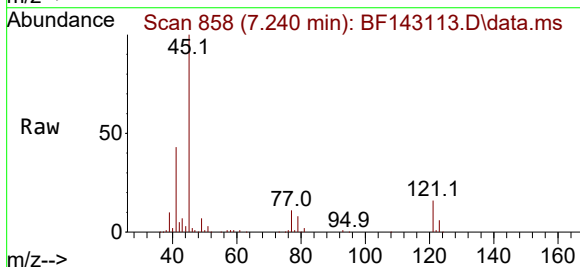
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

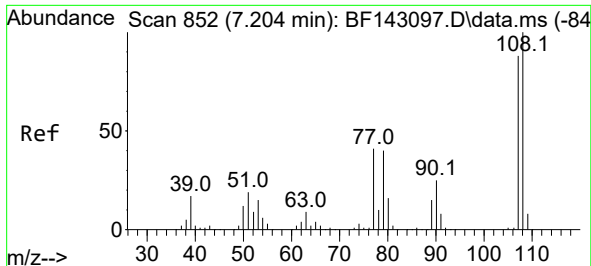
Tgt Ion: 79 Resp: 65111
Ion Ratio Lower Upper
79 100
108 74.8 61.1 91.7
77 60.7 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 7.845 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion: 45 Resp: 138179
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.1
79 8.1 0.0 28.4

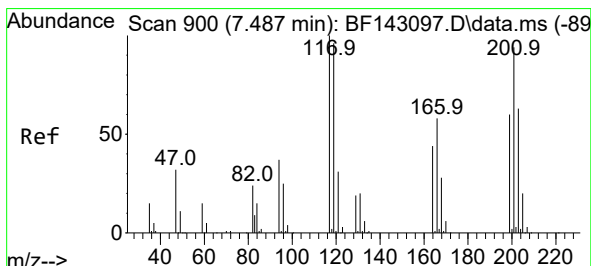
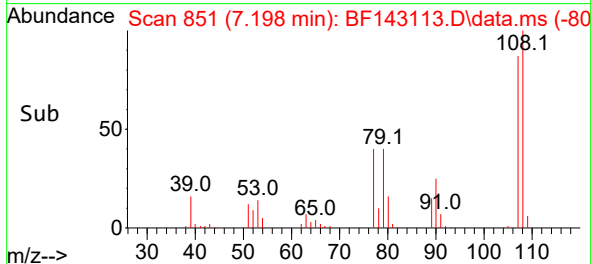
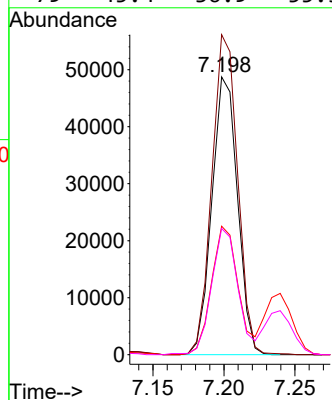
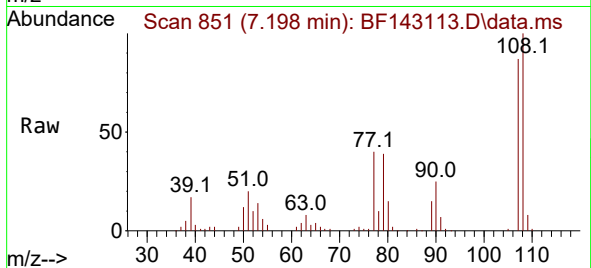




#17
2-Methylphenol
Concen: 7.789 ng
RT: 7.198 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

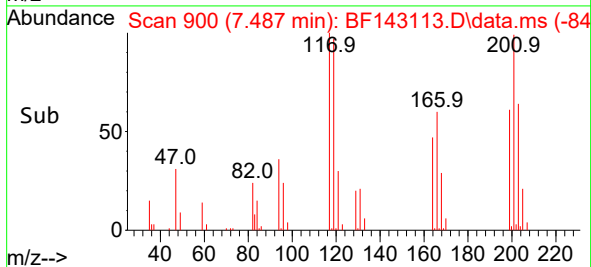
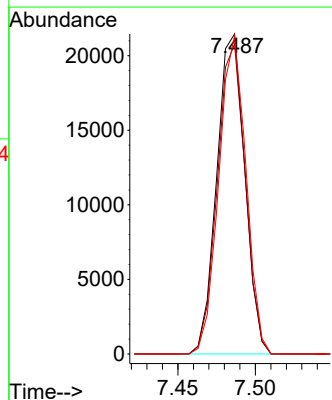
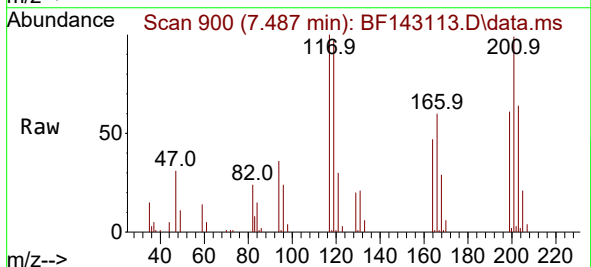
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

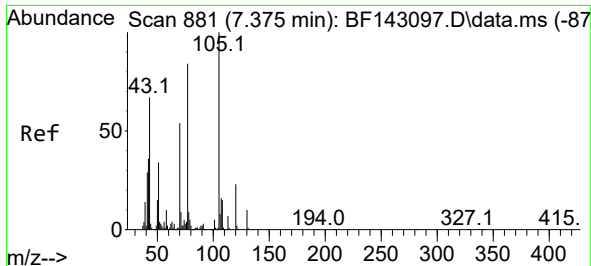
Tgt Ion:	107	Resp:	61254
Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.9	136.3
77	46.2	37.5	56.3
79	45.4	36.9	55.3



#18
Hexachloroethane
Concen: 8.026 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:	117	Resp:	27062
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.7	115.1
201	99.4	75.0	112.4

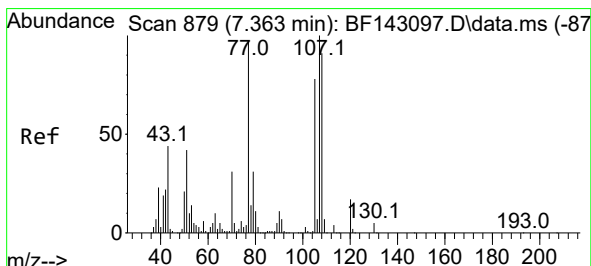
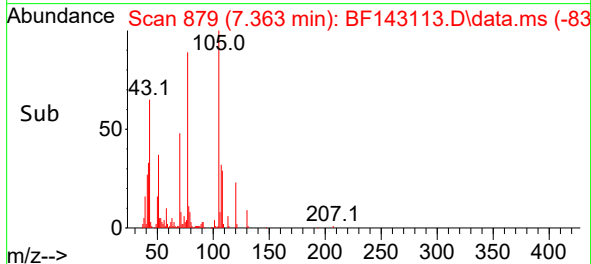
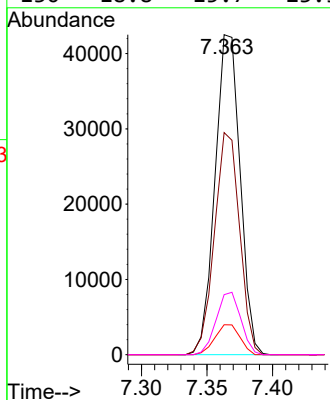
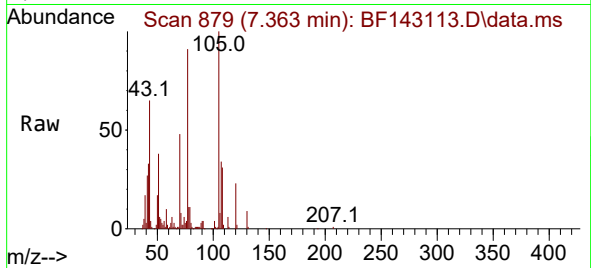




#19
n-Nitroso-di-n-propylamine
Concen: 8.096 ng
RT: 7.363 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

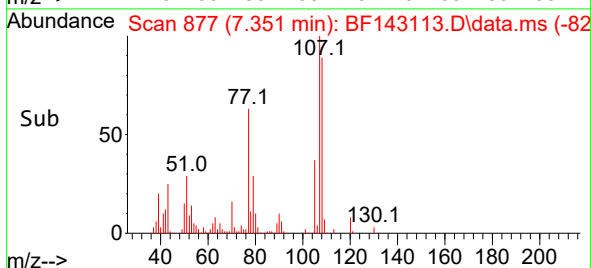
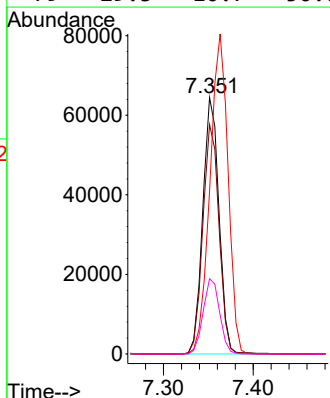
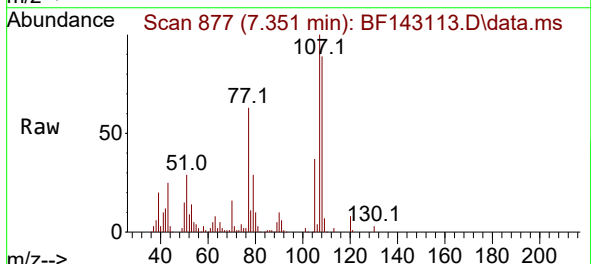
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

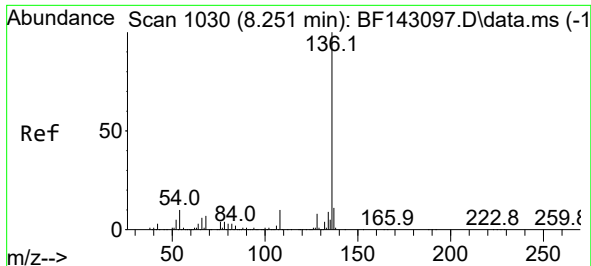
Tgt Ion:	70	Resp:	56550
Ion Ratio	Lower	Upper	
70	100		
42	69.4	53.2	79.8
101	9.4	7.5	11.3
130	18.8	15.7	23.5



#20
3+4-Methylphenols
Concen: 8.374 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.012 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:	107	Resp:	80762
Ion Ratio	Lower	Upper	
107	100		
108	89.5	71.3	111.3
77	63.4	77.2	117.2#
79	29.3	10.7	50.7

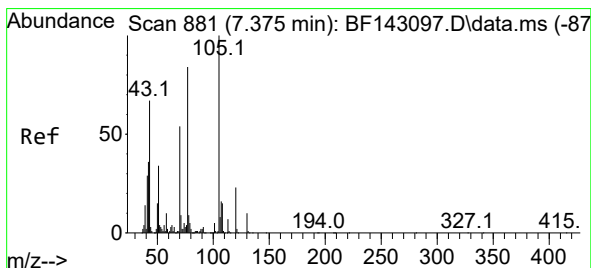
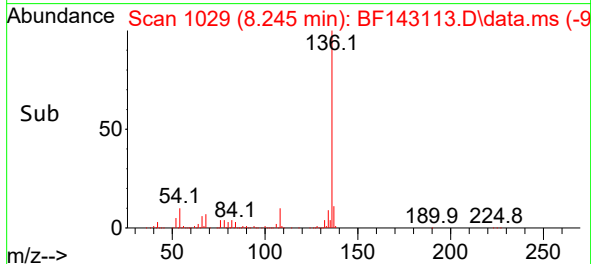
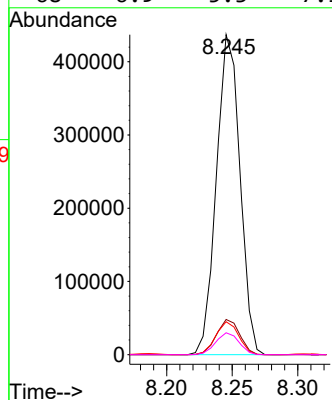
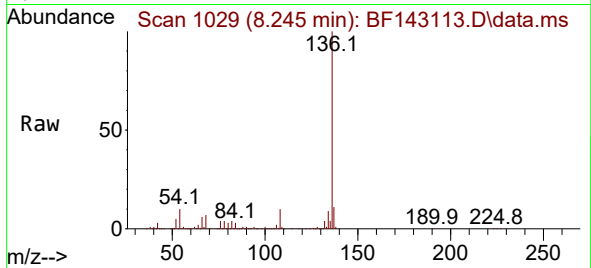




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

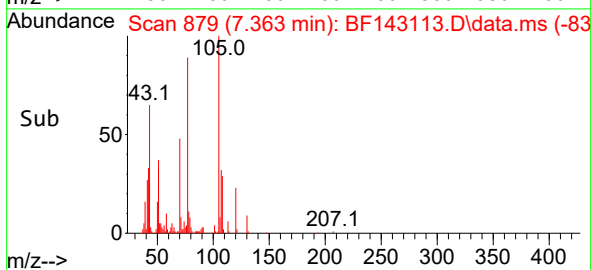
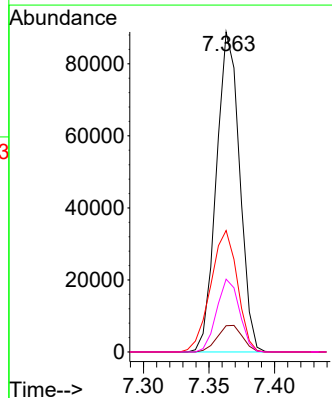
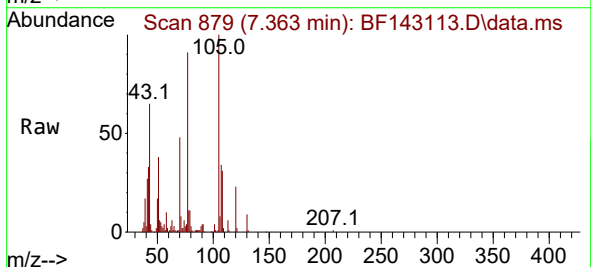
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

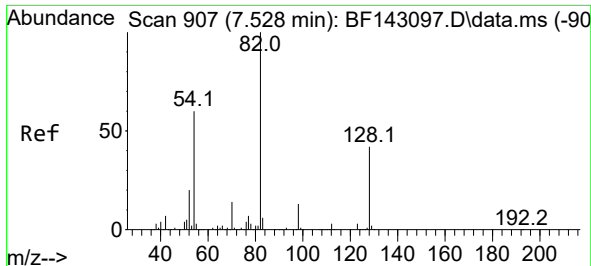
Tgt Ion:136	Resp: 545492
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 10.3	8.3 12.5
68 6.9	5.3 7.9



#22
Acetophenone
Concen: 8.329 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:105	Resp: 109521
Ion Ratio	Lower Upper
105 100	
71 8.2	7.2 10.8
51 38.0	27.0 40.4
120 22.8	18.2 27.2





#23

Nitrobenzene-d5

Concen: 84.268 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

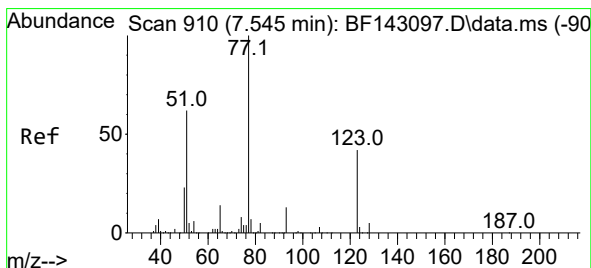
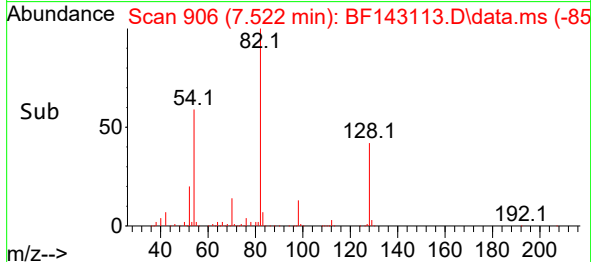
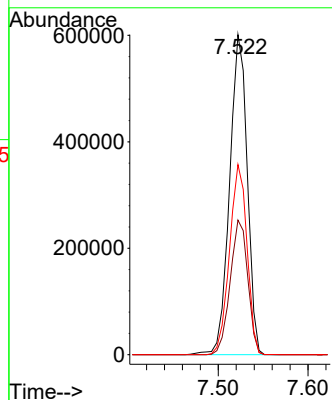
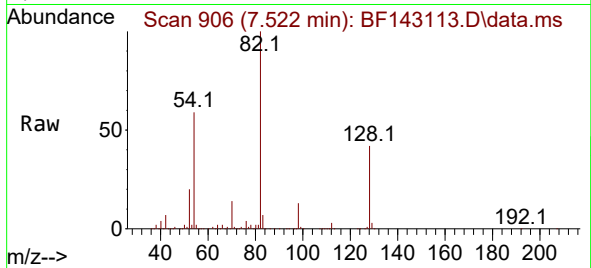
Tgt Ion: 82 Resp: 819410

Ion Ratio Lower Upper

82 100

128 42.1 33.3 49.9

54 59.4 47.4 71.2



#24

Nitrobenzene

Concen: 8.716 ng

RT: 7.540 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

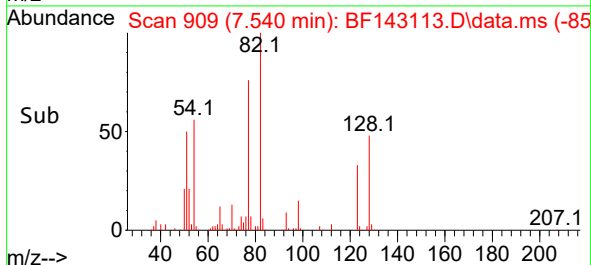
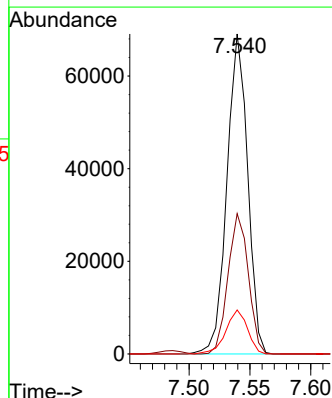
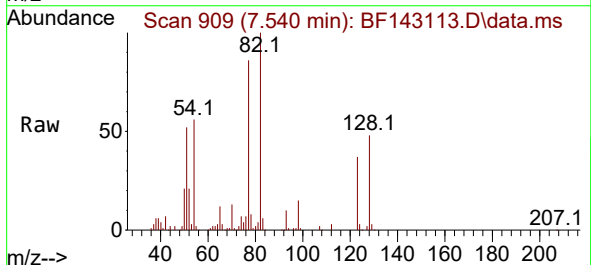
Tgt Ion: 77 Resp: 81823

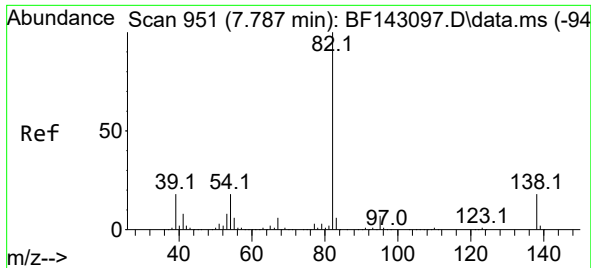
Ion Ratio Lower Upper

77 100

123 43.8 34.5 51.7

65 13.8 11.3 16.9

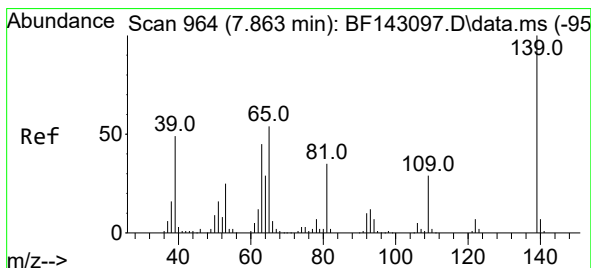
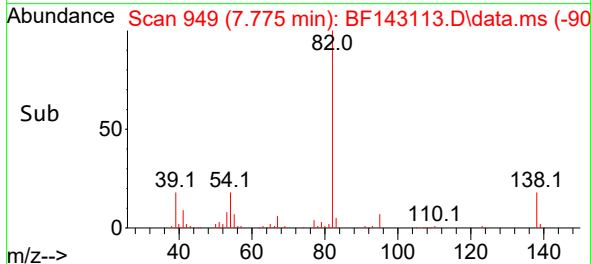
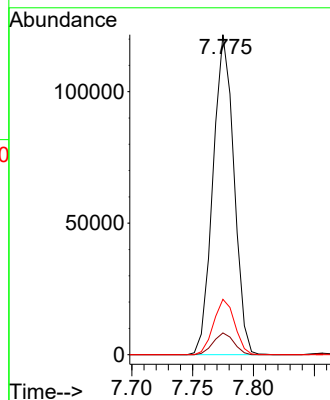
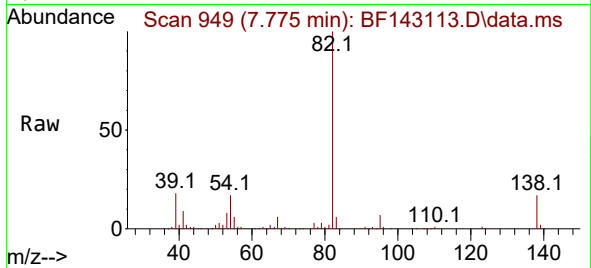




#25
Isophorone
Concen: 7.759 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

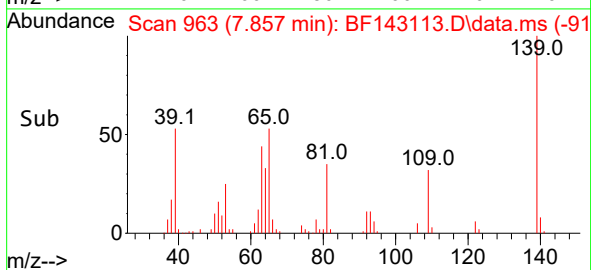
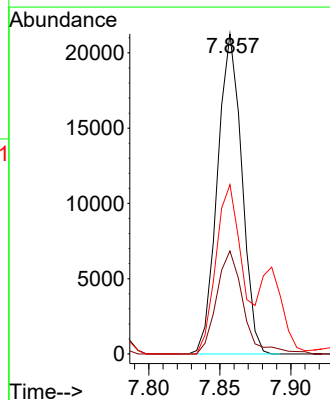
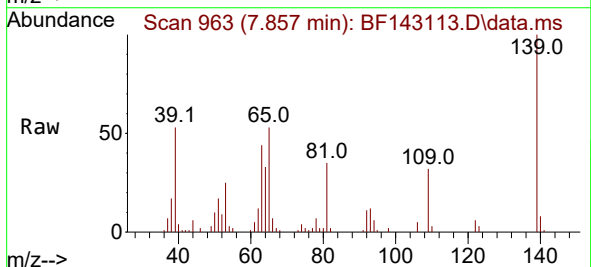
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

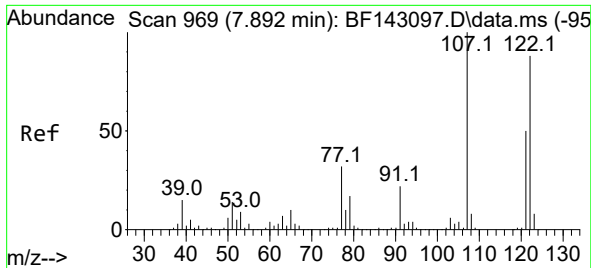
Tgt Ion: 82 Resp: 145828
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 17.3 14.3 21.5



#26
2-Nitrophenol
Concen: 10.134 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:139 Resp: 25346
Ion Ratio Lower Upper
139 100
109 32.2 23.4 35.0
65 52.9 43.4 65.2

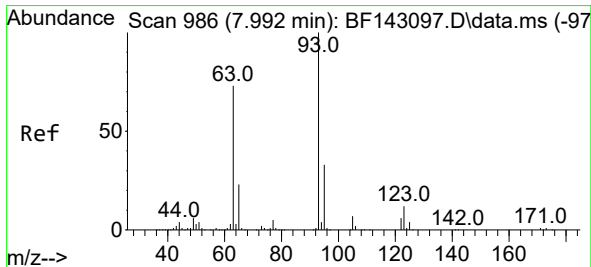
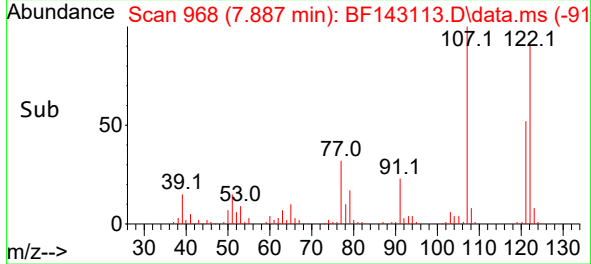
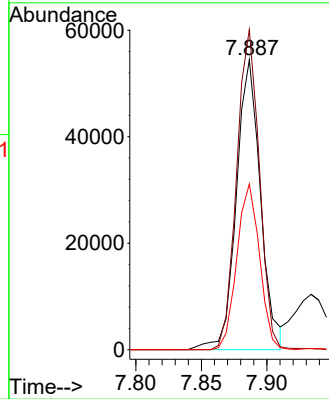
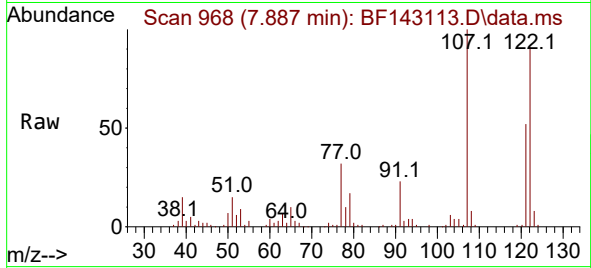




#27
2,4-Dimethylphenol
Concen: 8.013 ng
RT: 7.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

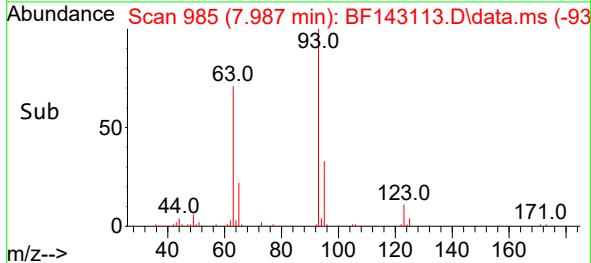
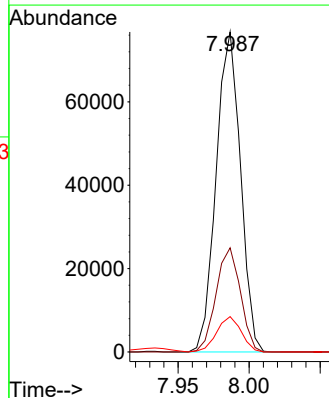
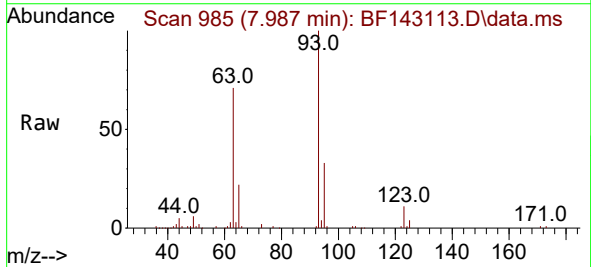
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

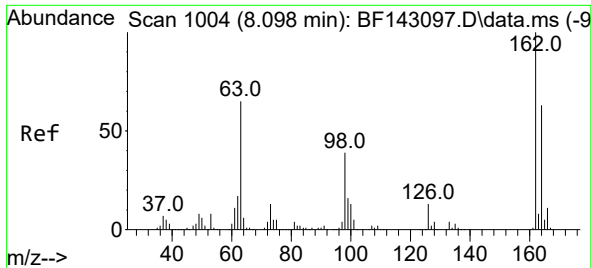
Tgt Ion:122 Resp: 69903
Ion Ratio Lower Upper
122 100
107 110.4 91.3 136.9
121 57.1 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 8.016 ng
RT: 7.987 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion: 93 Resp: 91358
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 11.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 8.032 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

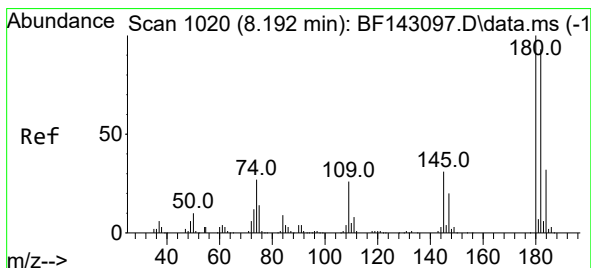
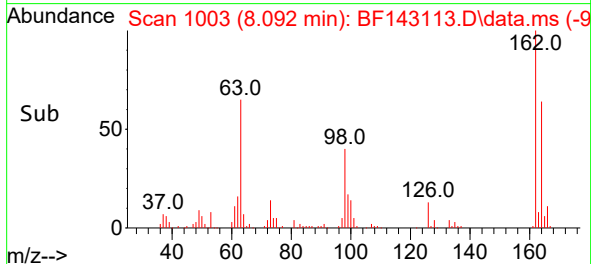
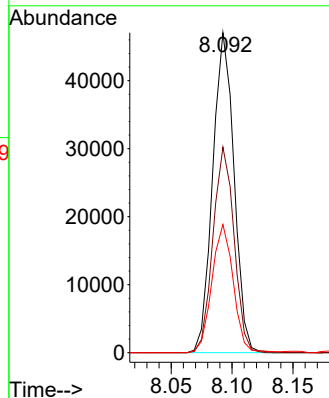
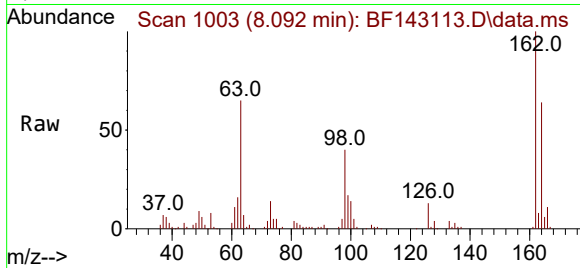
Tgt Ion:162 Resp: 57319

Ion Ratio Lower Upper

162 100

164 64.2 43.1 83.1

98 40.1 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 7.891 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

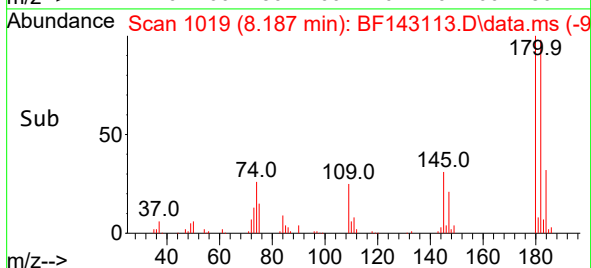
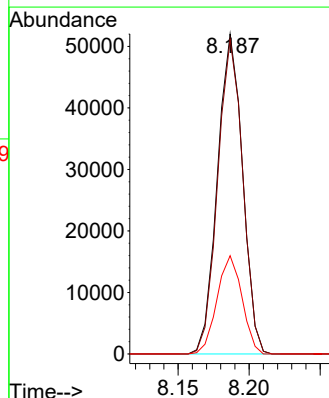
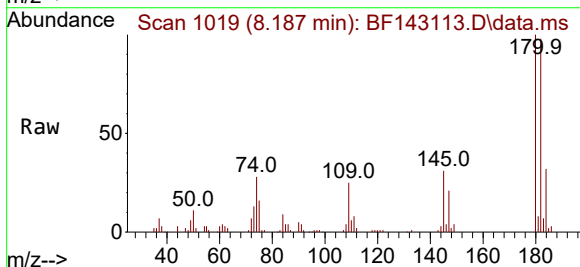
Tgt Ion:180 Resp: 63913

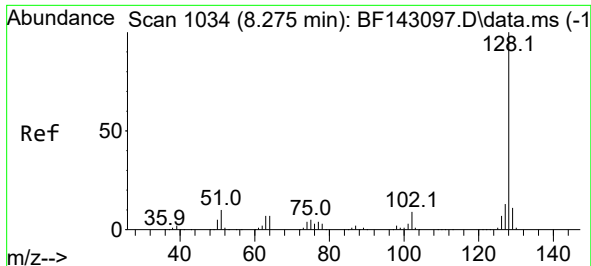
Ion Ratio Lower Upper

180 100

182 98.4 74.7 112.1

145 30.7 24.5 36.7

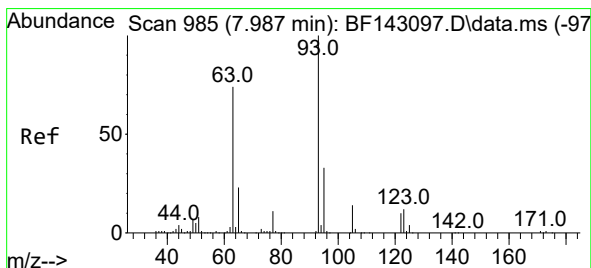
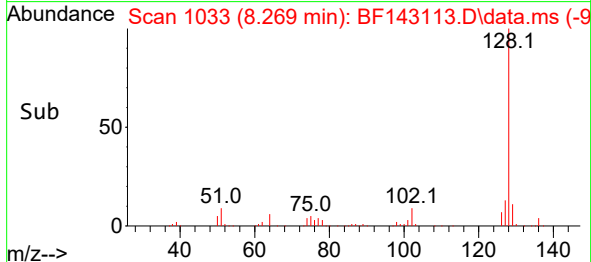
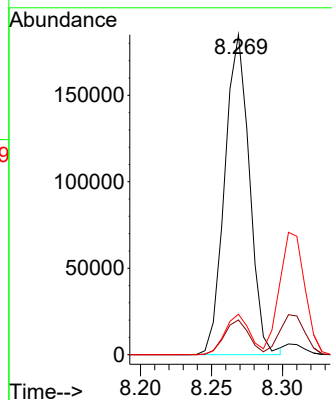
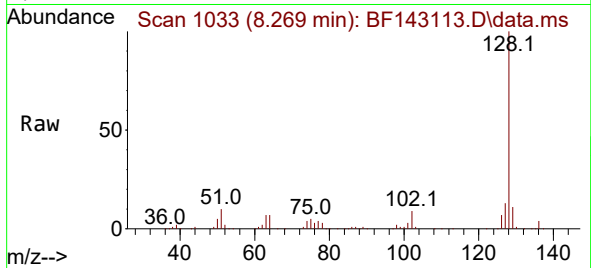




#31
Naphthalene
Concen: 8.249 ng
RT: 8.269 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

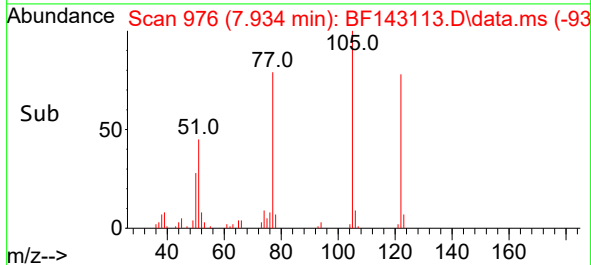
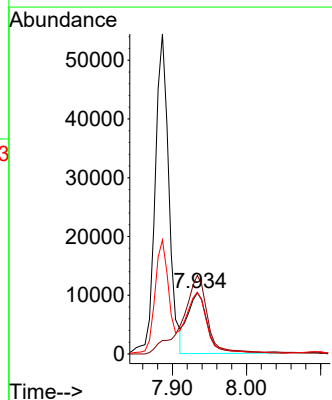
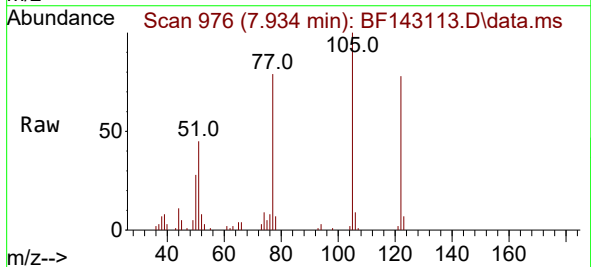
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

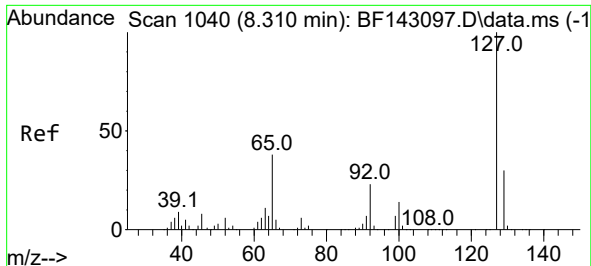
Tgt Ion:128 Resp: 223465
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.7 10.5 15.7



#32
Benzoic acid
Concen: 10.400 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.053 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:122 Resp: 19512
Ion Ratio Lower Upper
122 100
105 128.3 105.4 145.4
77 101.0 78.6 118.6

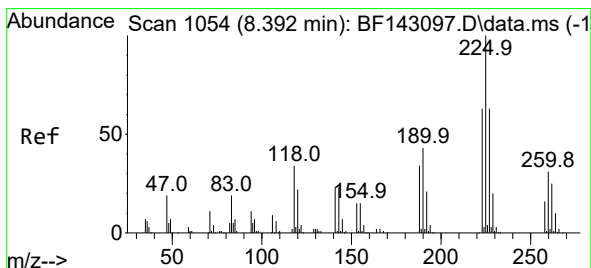
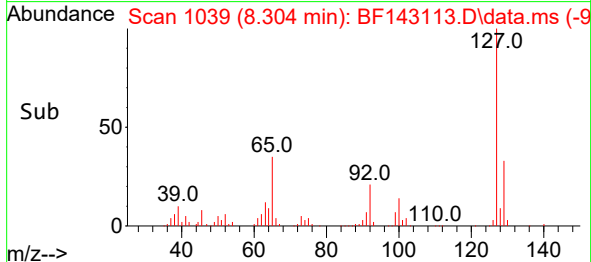
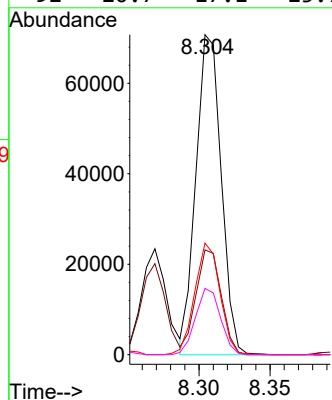
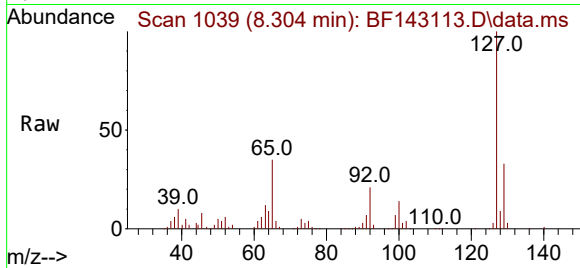




#33
4-Chloroaniline
Concen: 8.046 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

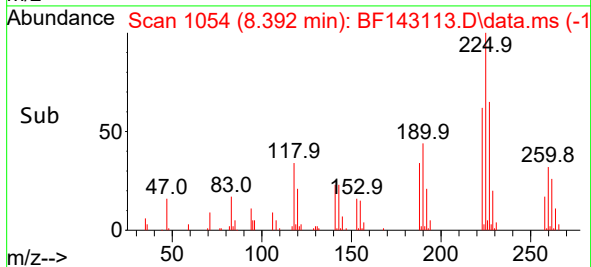
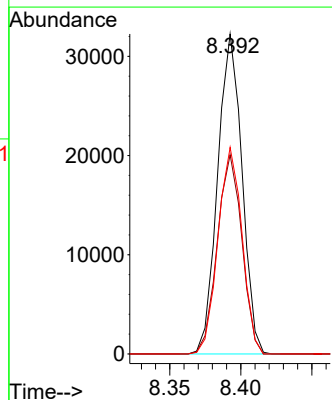
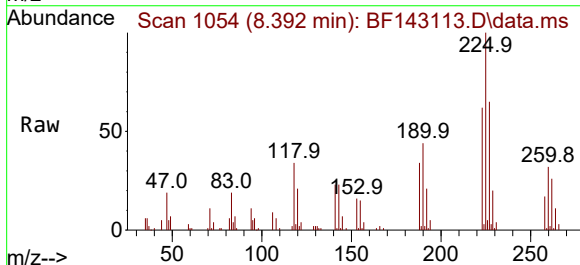
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

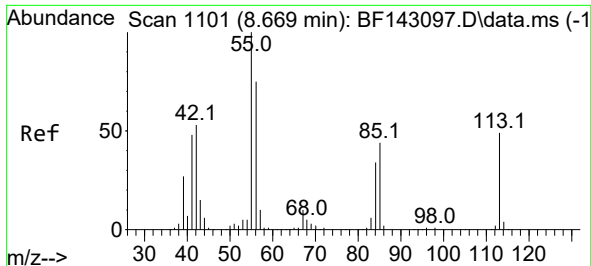
Tgt Ion:	127	Resp:	87651
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.2	39.4
65	34.9	28.6	42.8
92	20.7	17.1	25.7



#34
Hexachlorobutadiene
Concen: 7.932 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:	225	Resp:	38419
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.3	75.5
227	64.5	50.1	75.1

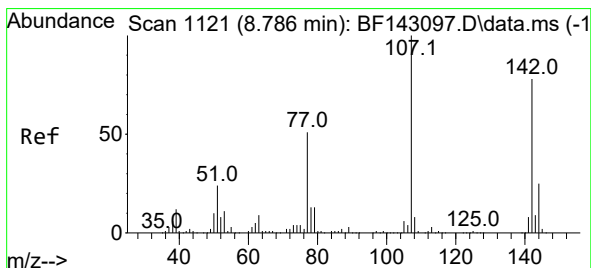
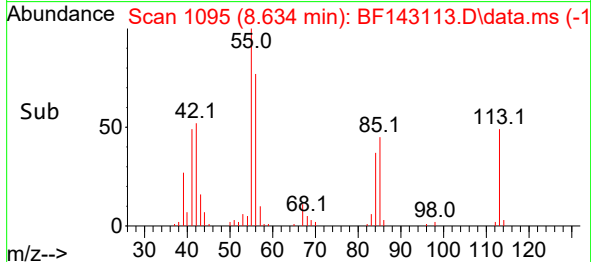
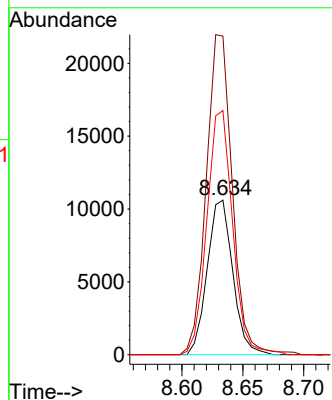
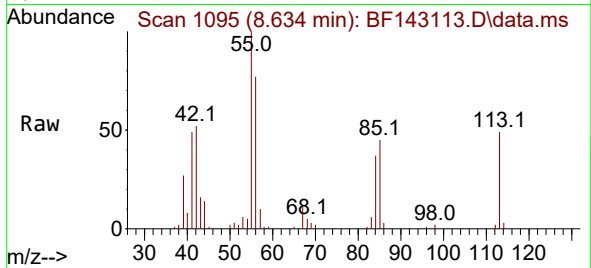




#35
 Caprolactam
 Concen: 6.962 ng
 RT: 8.634 min Scan# 1101
 Delta R.T. -0.035 min
 Lab File: BF143113.D
 Acq: 16 Jul 2025 14:35

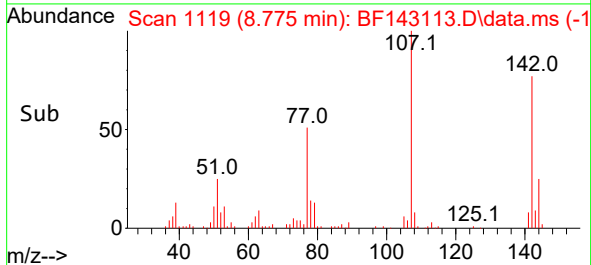
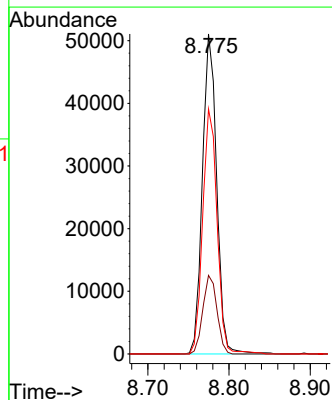
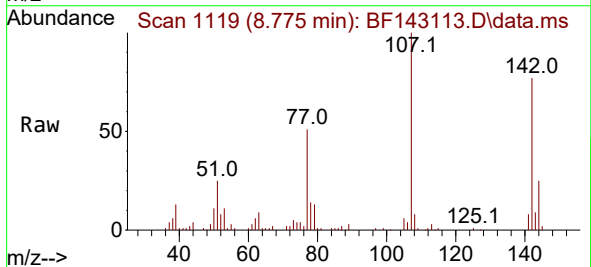
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

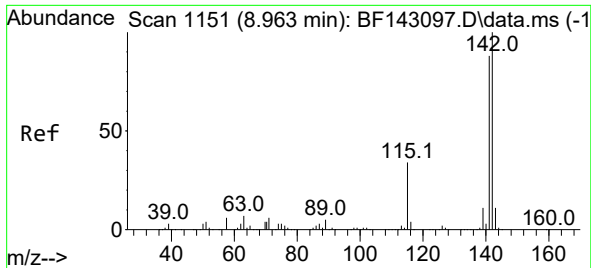
Tgt Ion:113 Resp: 15514
 Ion Ratio Lower Upper
 113 100
 55 206.1 186.2 226.2
 56 158.0 134.1 174.1



#36
 4-Chloro-3-methylphenol
 Concen: 7.830 ng
 RT: 8.775 min Scan# 1119
 Delta R.T. -0.012 min
 Lab File: BF143113.D
 Acq: 16 Jul 2025 14:35

Tgt Ion:107 Resp: 62242
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.2 30.2
 142 76.6 62.4 93.6

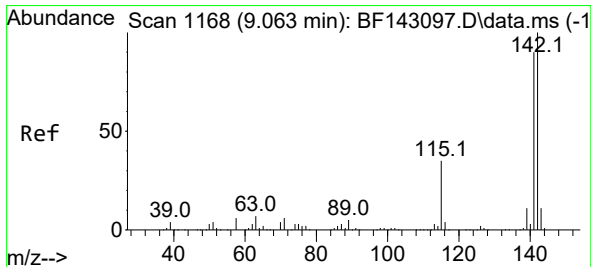
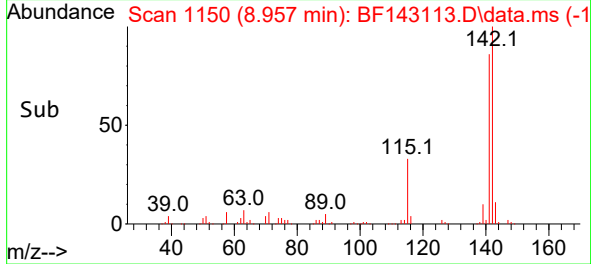
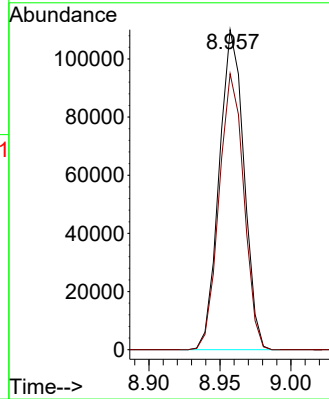
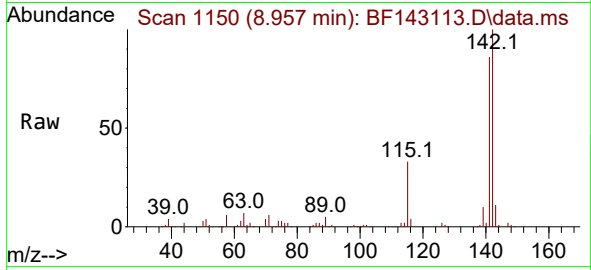




#37
2-Methylnaphthalene
Concen: 8.252 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

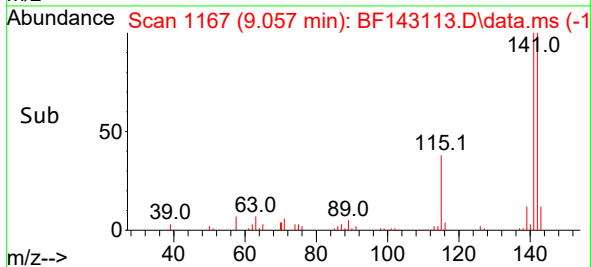
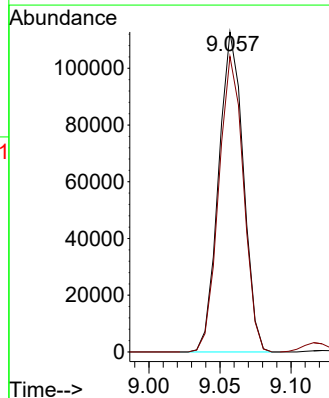
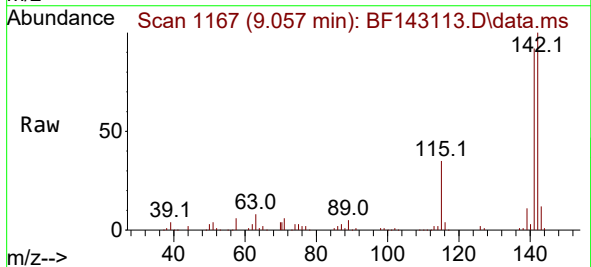
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

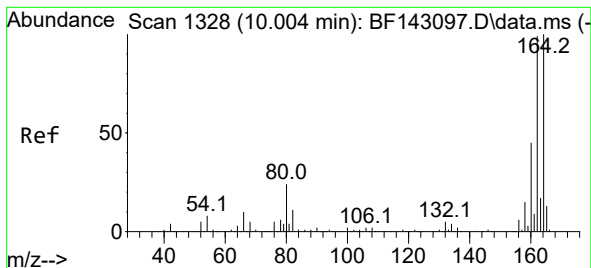
Tgt Ion:142 Resp: 133349
Ion Ratio Lower Upper
142 100
141 86.2 70.2 105.2



#38
1-Methylnaphthalene
Concen: 8.122 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:142 Resp: 136127
Ion Ratio Lower Upper
142 100
141 92.3 72.2 108.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143113.D

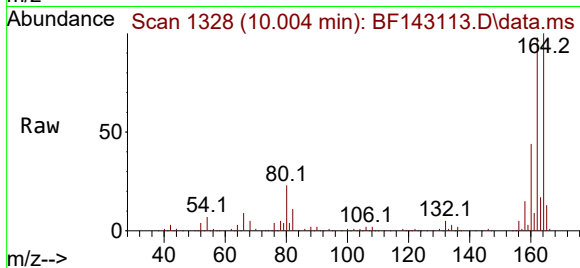
Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



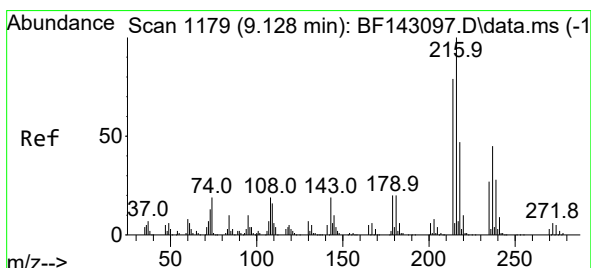
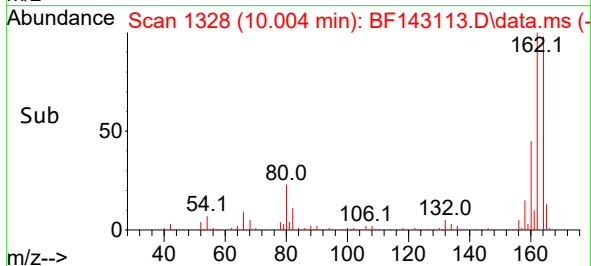
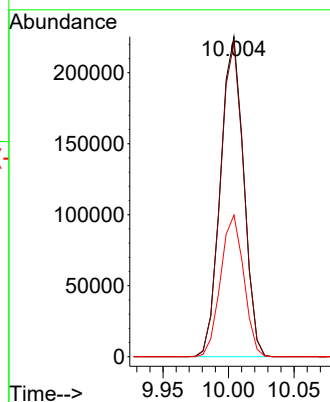
Tgt Ion:164 Resp: 276539

Ion Ratio Lower Upper

164 100

162 98.1 79.0 118.6

160 44.2 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.221 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

Tgt Ion:216 Resp: 66251

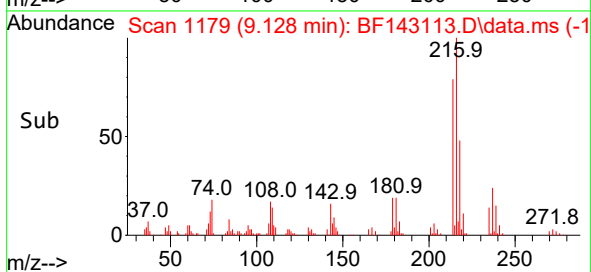
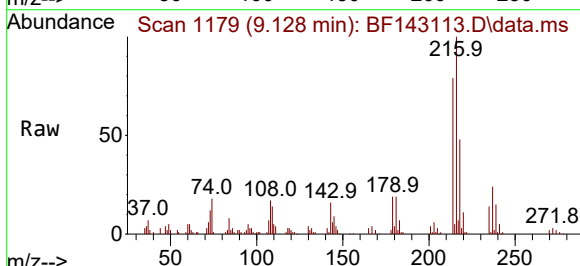
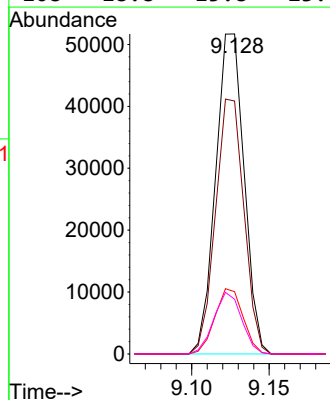
Ion Ratio Lower Upper

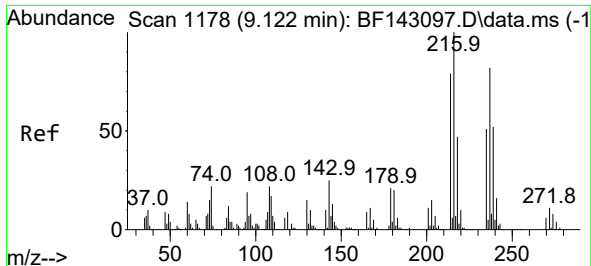
216 100

214 79.3 62.6 94.0

179 20.1 16.2 24.2

108 18.8 15.8 23.6

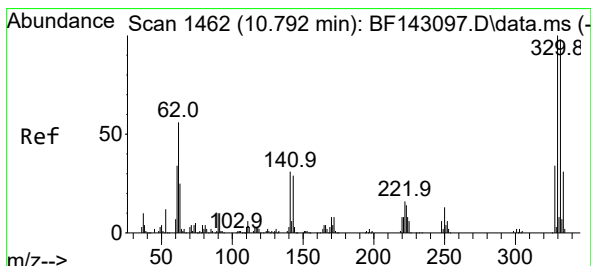
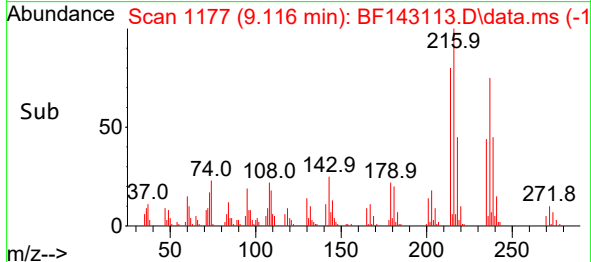
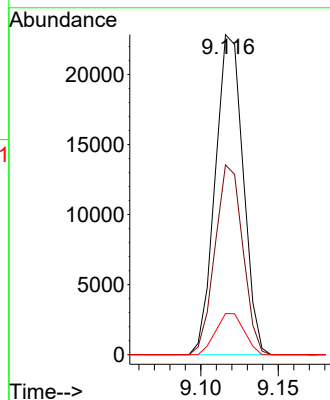
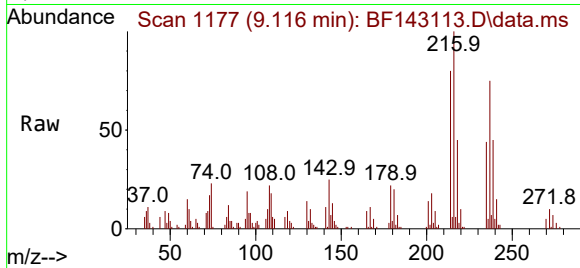




#41
Hexachlorocyclopentadiene
Concen: 6.413 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

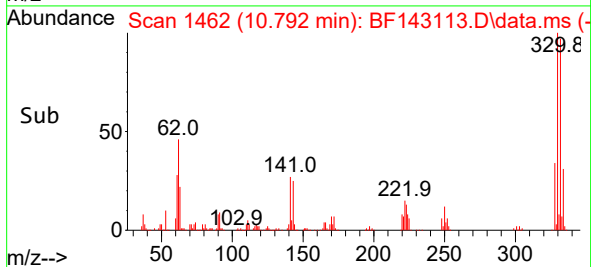
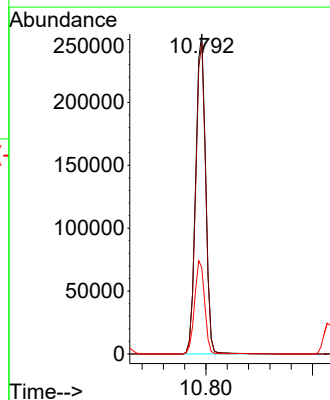
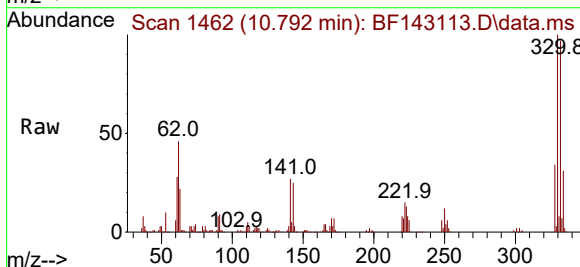
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

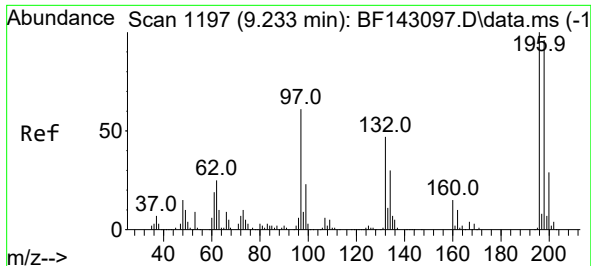
Tgt Ion:237	Resp:	28656
Ion Ratio	Lower	Upper
237	100	
235	59.3	41.6 81.6
272	12.8	0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 133.932 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:330	Resp:	330244
Ion Ratio	Lower	Upper
330	100	
332	97.1	77.9 116.9
141	29.4	25.9 38.9





#43

2,4,6-Trichlorophenol

Concen: 7.664 ng

RT: 9.228 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF143113.D

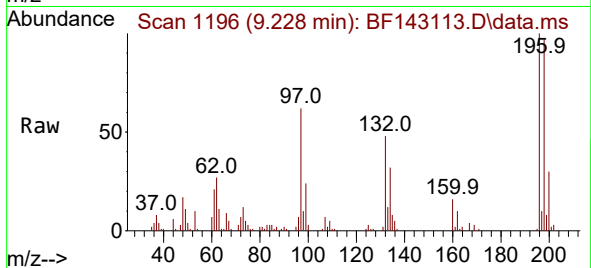
Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



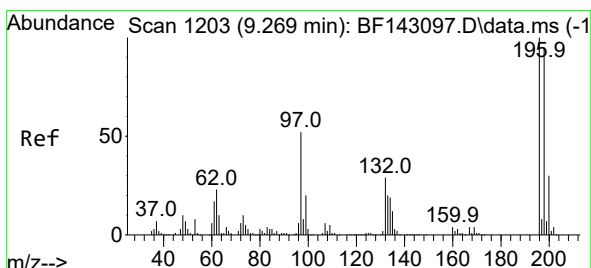
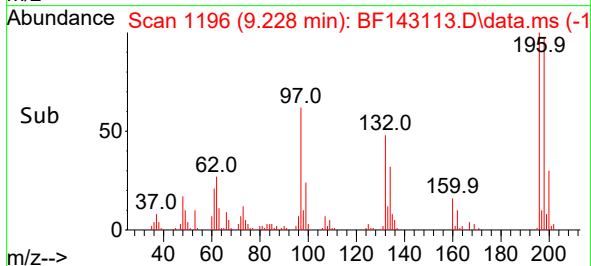
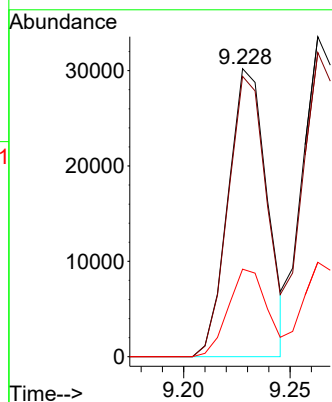
Tgt Ion:196 Resp: 38378

Ion Ratio Lower Upper

196 100

198 97.3 76.9 115.3

200 30.4 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 8.074 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

Tgt Ion:196 Resp: 42391

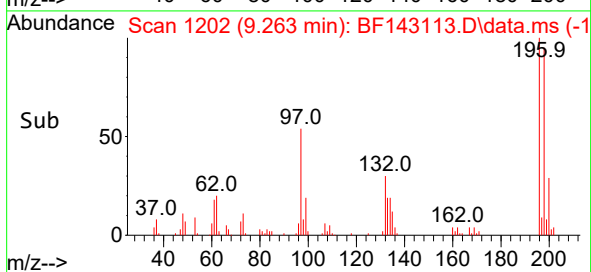
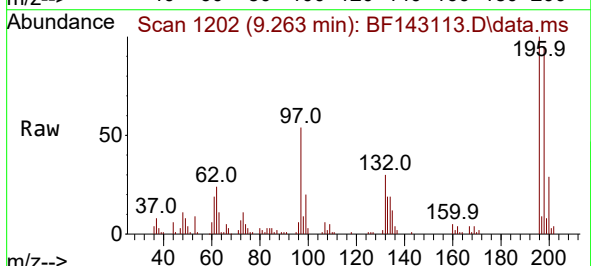
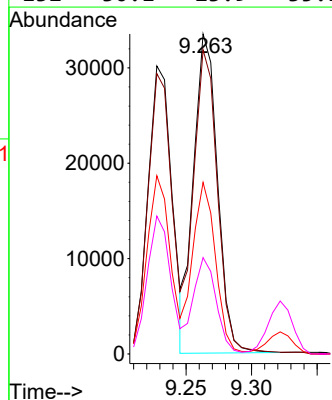
Ion Ratio Lower Upper

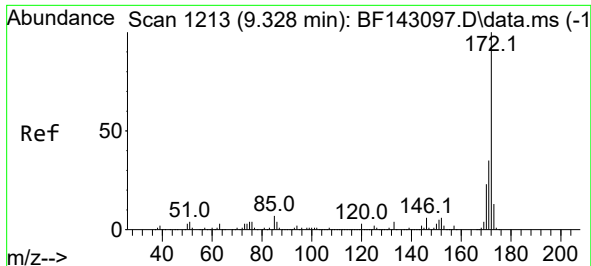
196 100

198 95.0 76.4 114.6

97 53.6 42.4 63.6

132 30.1 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 71.761 ng

RT: 9.322 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

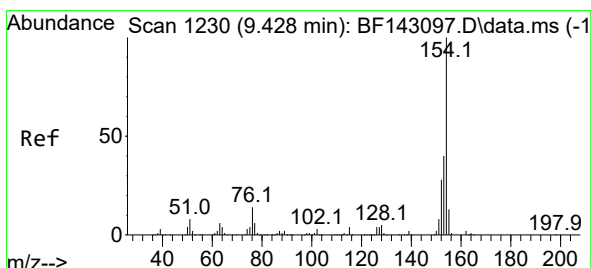
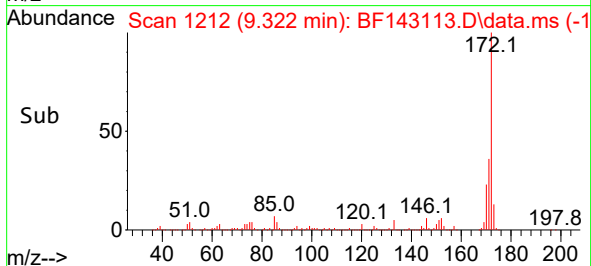
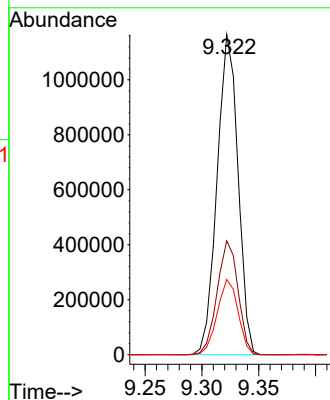
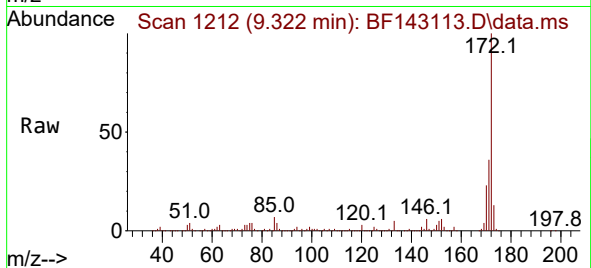
Tgt Ion:172 Resp: 1492887

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 8.175 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

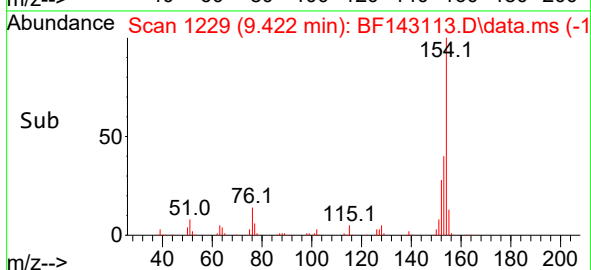
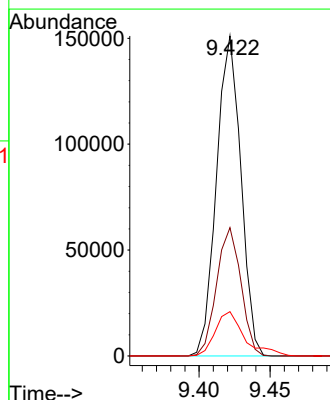
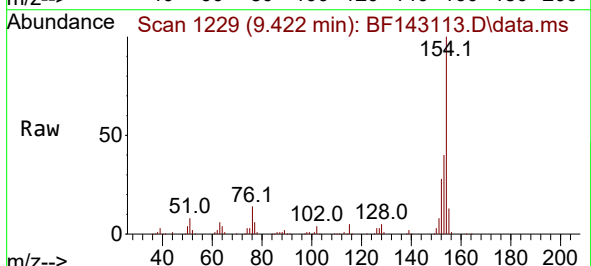
Tgt Ion:154 Resp: 180297

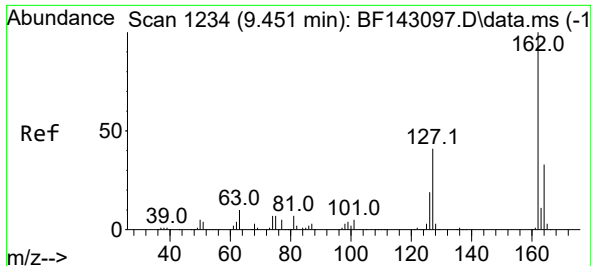
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 13.9 0.0 33.7





#47

2-Chloronaphthalene

Concen: 8.075 ng

RT: 9.445 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143113.D

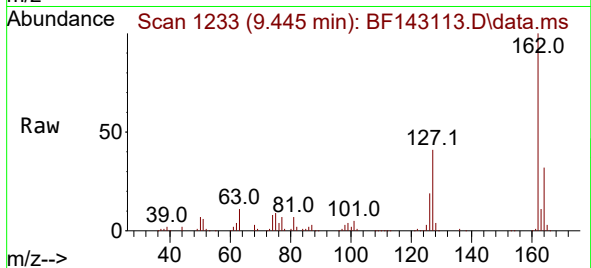
Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



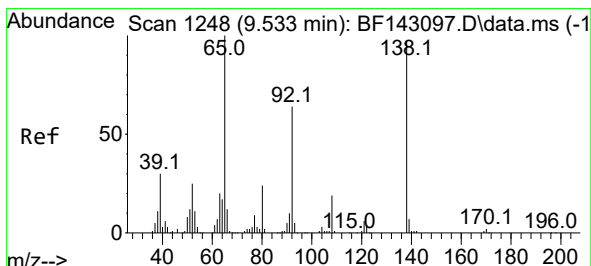
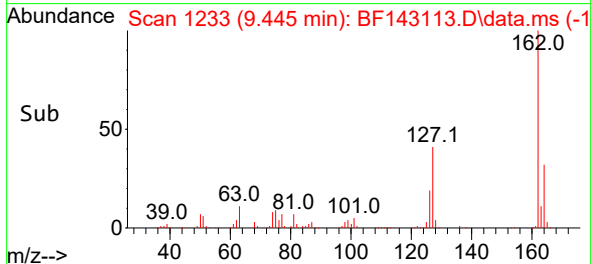
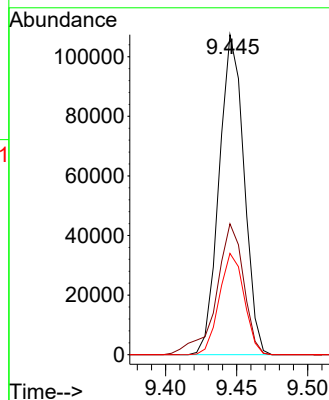
Tgt Ion:162 Resp: 130830

Ion Ratio Lower Upper

162 100

127 40.9 33.0 49.6

164 31.7 26.1 39.1



#48

2-Nitroaniline

Concen: 9.475 ng

RT: 9.528 min Scan# 1247

Delta R.T. -0.005 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

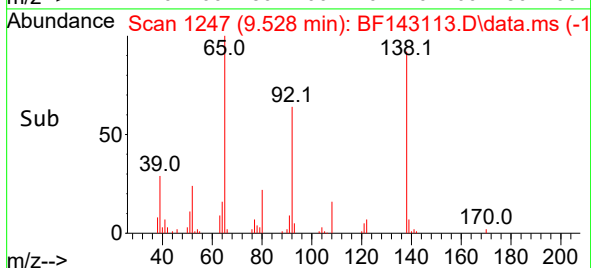
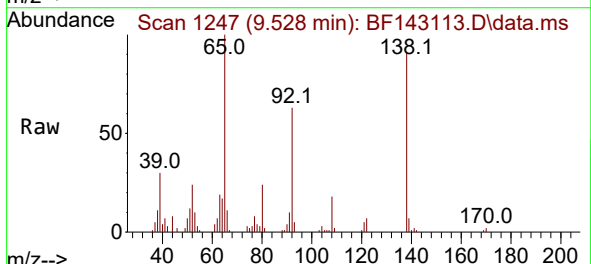
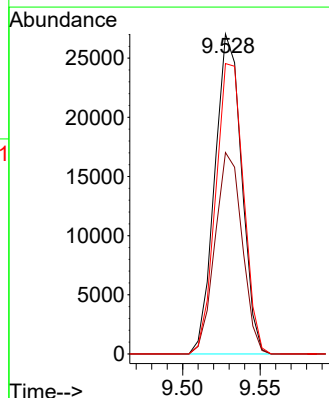
Tgt Ion: 65 Resp: 32628

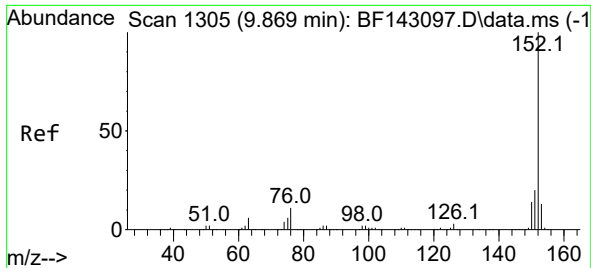
Ion Ratio Lower Upper

65 100

92 63.0 51.3 76.9

138 90.7 77.8 116.6

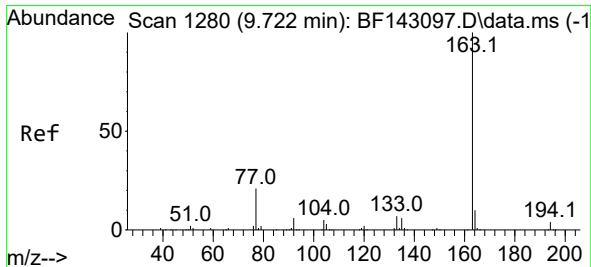
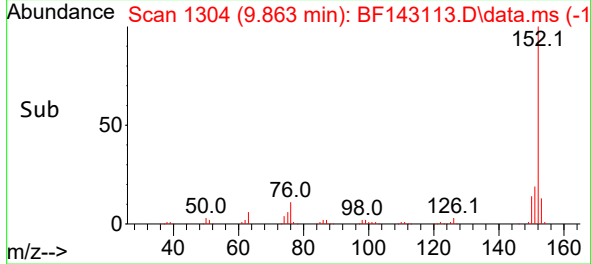
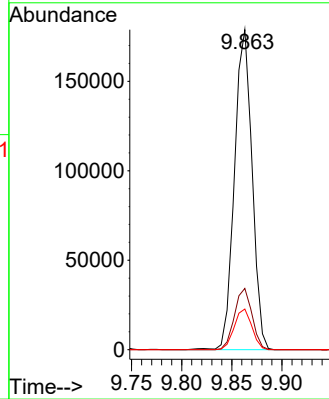
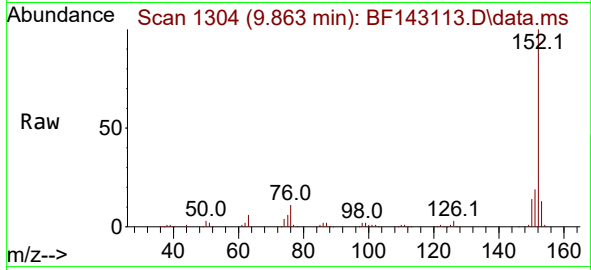




#49
Acenaphthylene
Concen: 8.111 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

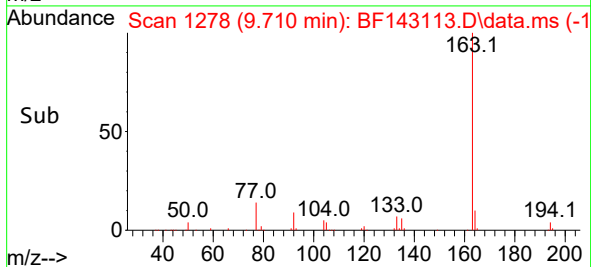
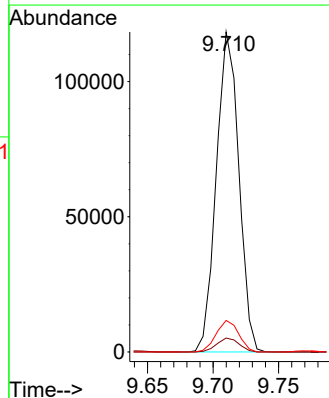
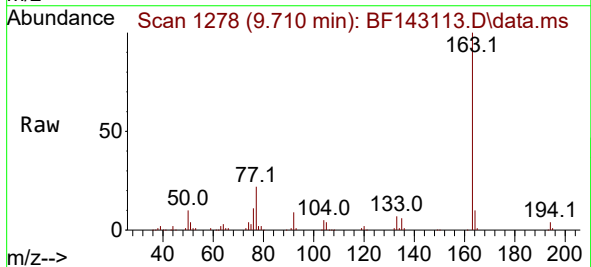
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

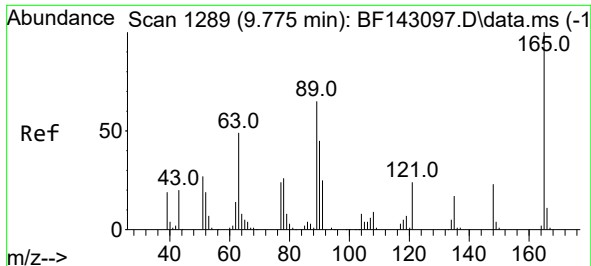
Tgt Ion:152 Resp: 218972
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.8
153 12.7 10.4 15.6



#50
Dimethylphthalate
Concen: 8.108 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:163 Resp: 141063
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.8 8.2 12.2

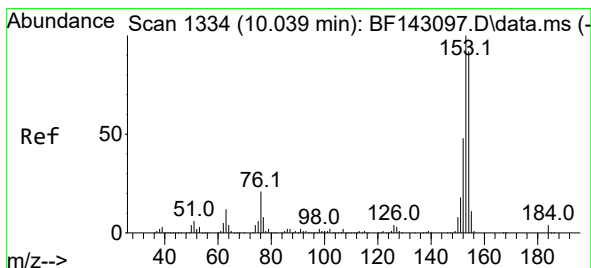
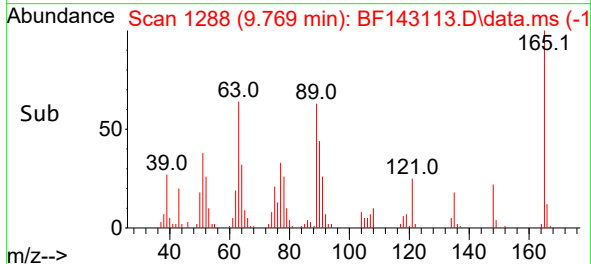
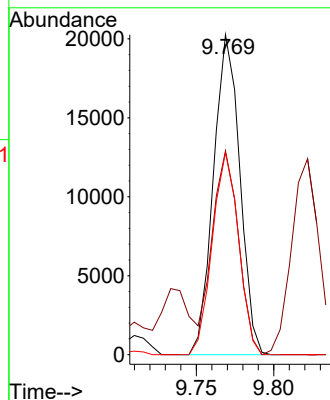
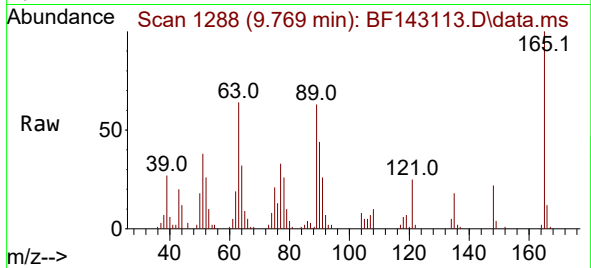




#51
2,6-Dinitrotoluene
Concen: 9.358 ng
RT: 9.769 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

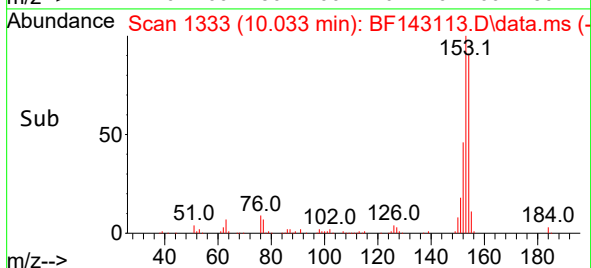
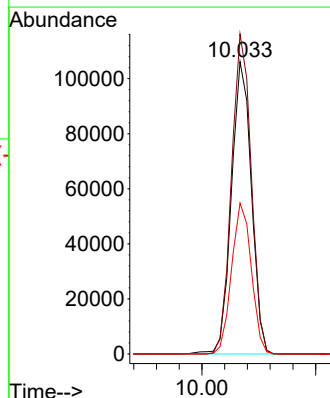
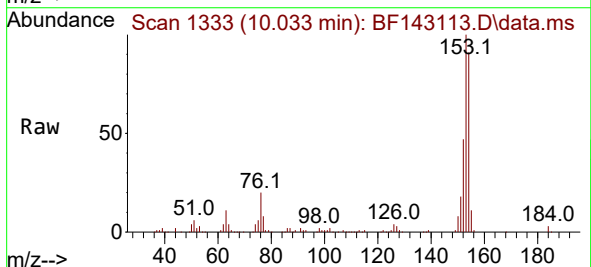
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

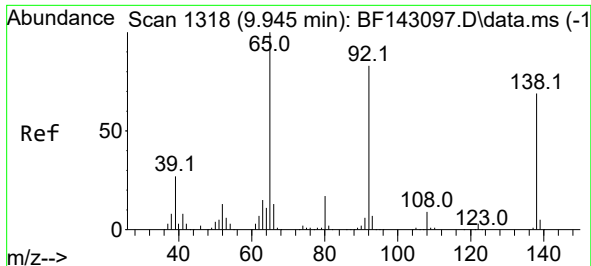
Tgt Ion:165 Resp: 23954
Ion Ratio Lower Upper
165 100
63 63.7 57.4 86.0
89 63.2 51.8 77.8



#52
Acenaphthene
Concen: 8.101 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:154 Resp: 129054
Ion Ratio Lower Upper
154 100
153 109.4 86.7 130.1
152 51.6 41.4 62.2

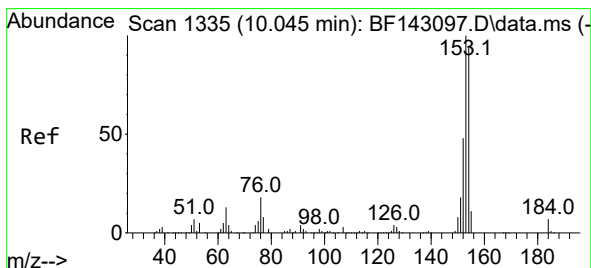
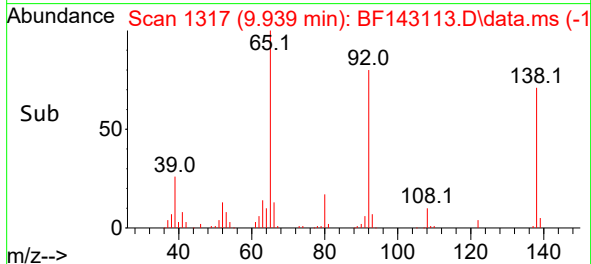
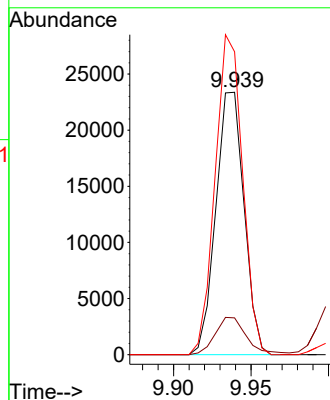
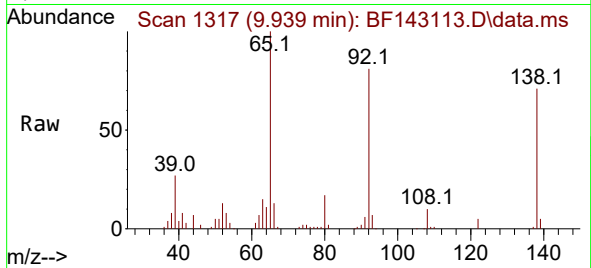




#53
3-Nitroaniline
Concen: 7.882 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

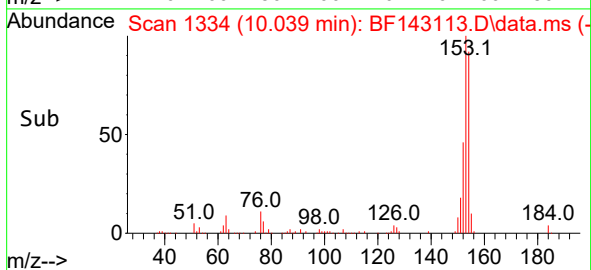
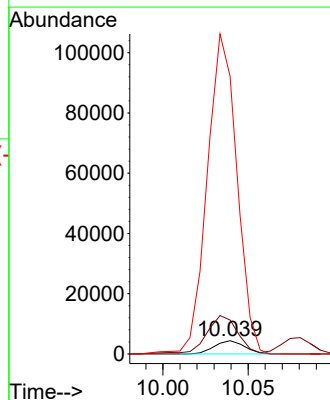
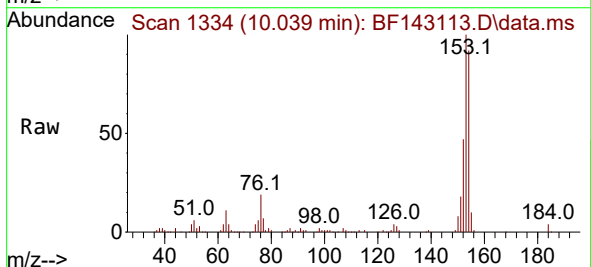
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

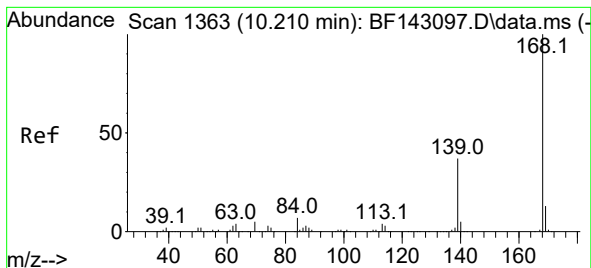
Tgt Ion:138 Resp: 29629
Ion Ratio Lower Upper
138 100
108 14.1 10.1 15.1
92 115.4 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 10.330 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:184 Resp: 5364
Ion Ratio Lower Upper
184 100
63 256.2 149.3 223.9#
154 2090.4 1048.0 1572.0#





#55

Dibenzenofuran

Concen: 8.041 ng

RT: 10.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

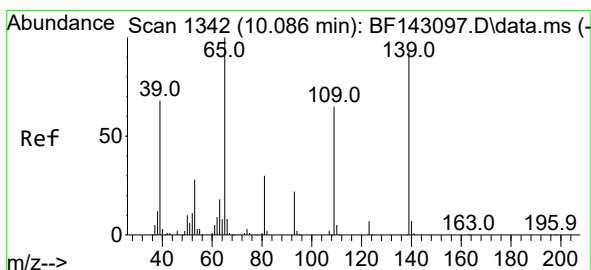
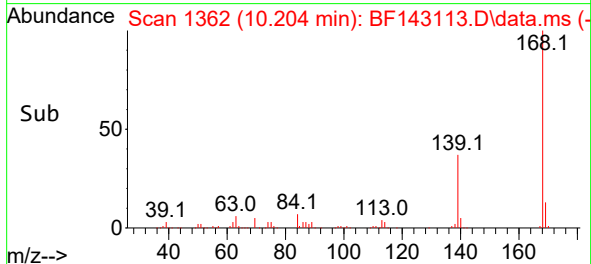
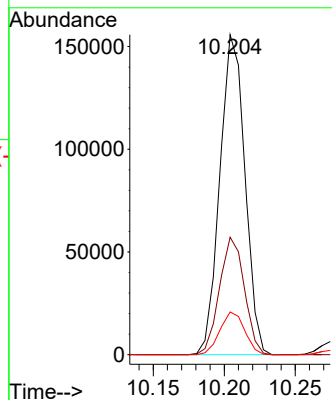
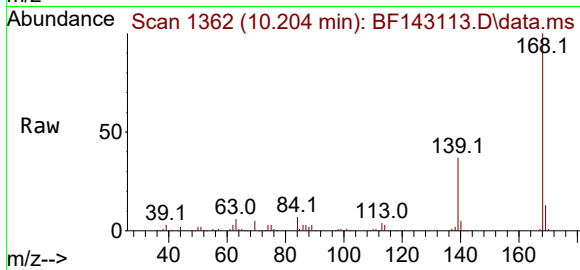
Tgt Ion:168 Resp: 190946

Ion Ratio Lower Upper

168 100

139 36.7 29.8 44.6

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 6.915 ng

RT: 10.081 min Scan# 1341

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

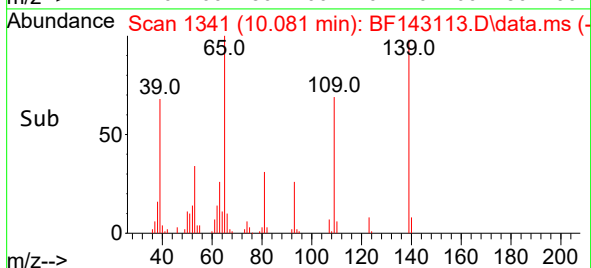
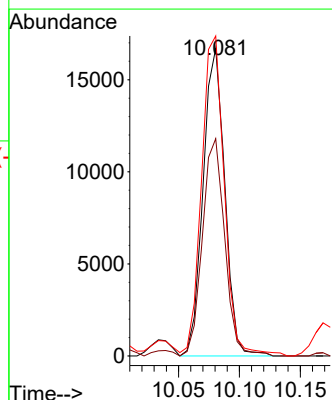
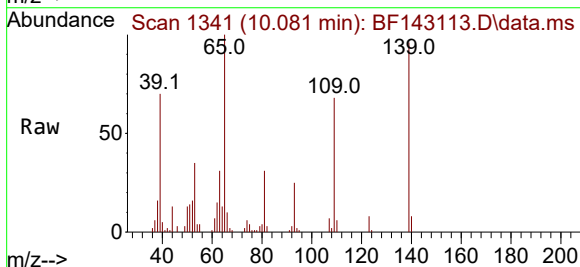
Tgt Ion:139 Resp: 20660

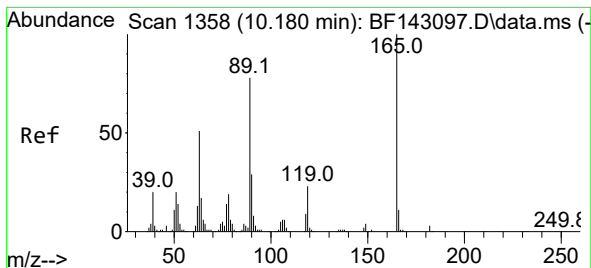
Ion Ratio Lower Upper

139 100

109 70.6 49.4 89.4

65 104.0 88.2 128.2

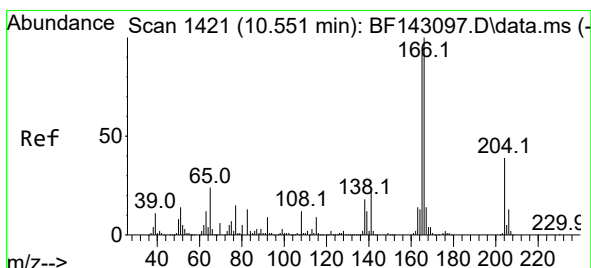
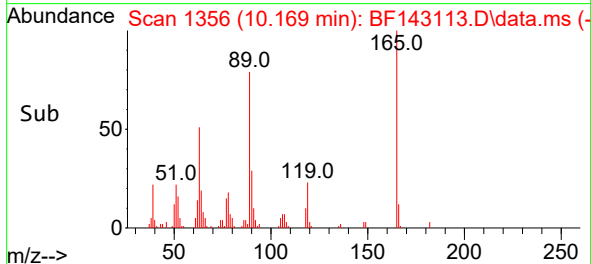
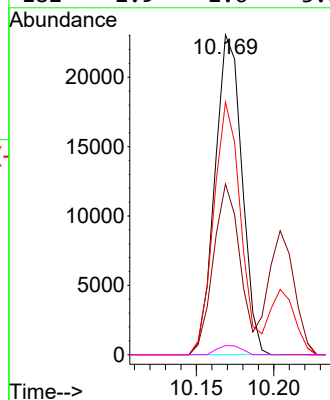
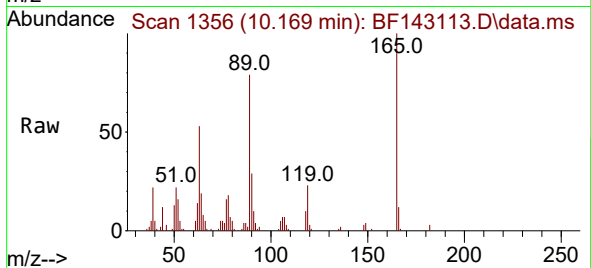




#57
2,4-Dinitrotoluene
Concen: 9.459 ng
RT: 10.169 min Scan# 1356
Delta R.T. -0.011 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

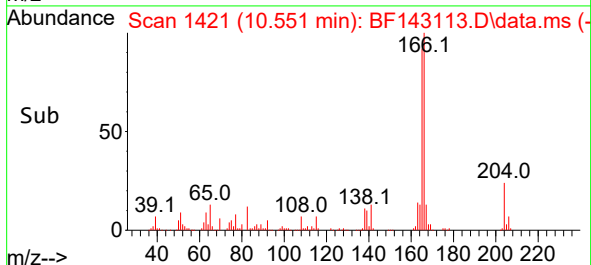
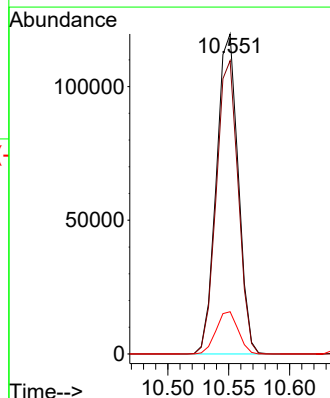
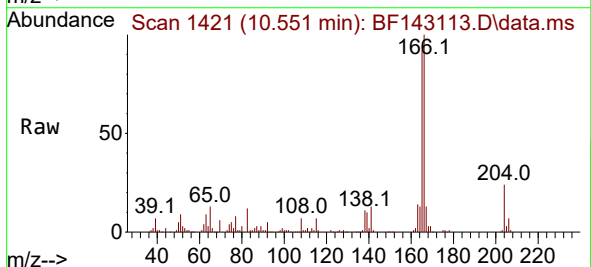
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

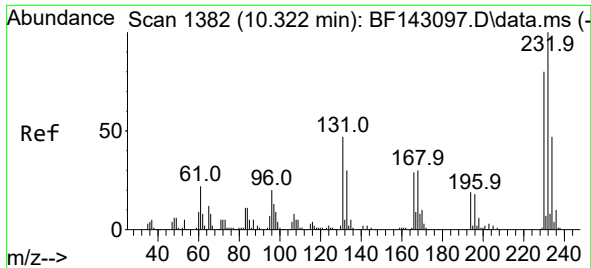
Tgt Ion:165	Resp:	27996
Ion Ratio	Lower	Upper
165	100	
63	53.4	40.6 61.0
89	79.0	62.3 93.5
182	2.9	2.6 3.8



#58
Fluorene
Concen: 8.364 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:166	Resp:	148904
Ion Ratio	Lower	Upper
166	100	
165	91.7	73.7 110.5
167	13.2	10.9 16.3

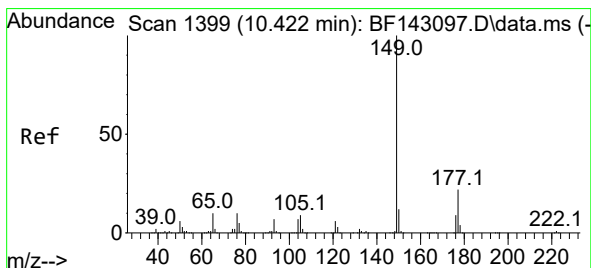
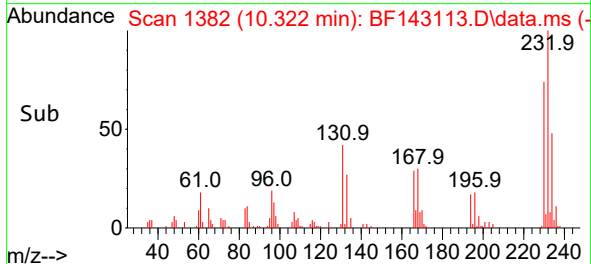
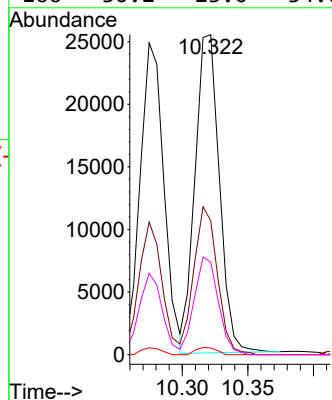
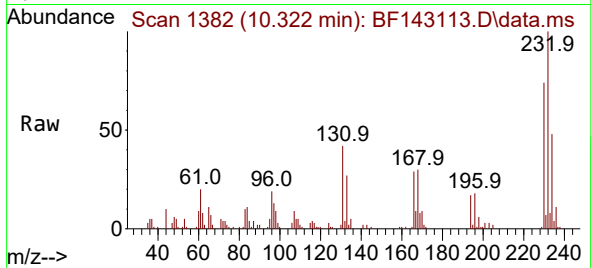




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.881 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

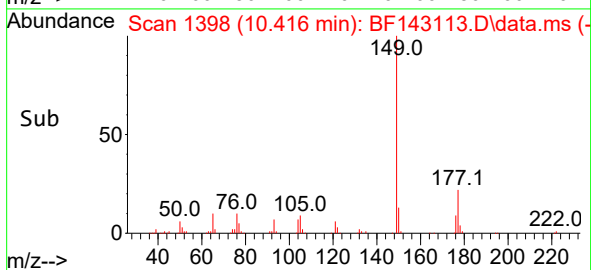
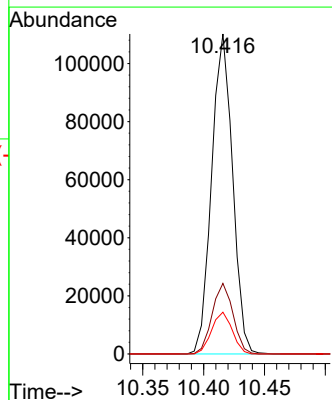
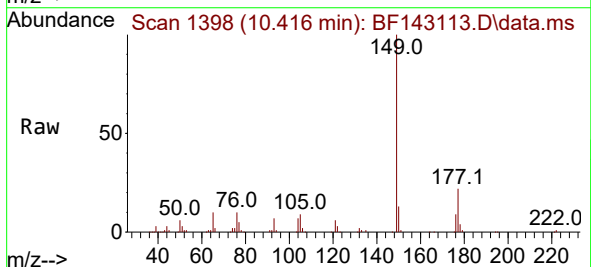
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

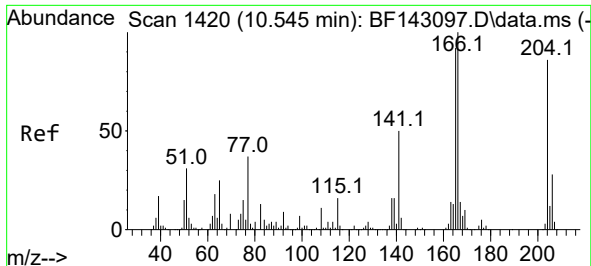
Tgt Ion:	232	Resp:	32884
Ion Ratio	Lower	Upper	
232	100		
131	44.9	36.9	55.3
130	1.9	1.8	2.8
166	30.2	23.0	34.6



#60
Diethylphthalate
Concen: 7.865 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:	149	Resp:	132006
Ion Ratio	Lower	Upper	
149	100		
177	22.1	17.3	25.9
150	13.1	9.9	14.9





#61

4-Chlorophenyl-phenylether

Concen: 8.309 ng

RT: 10.539 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

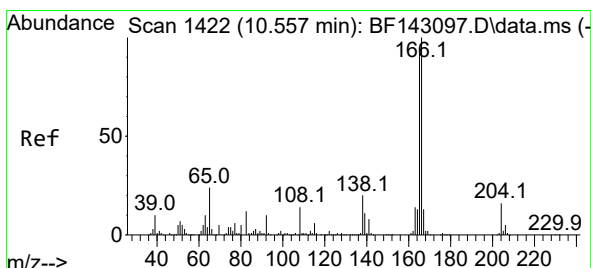
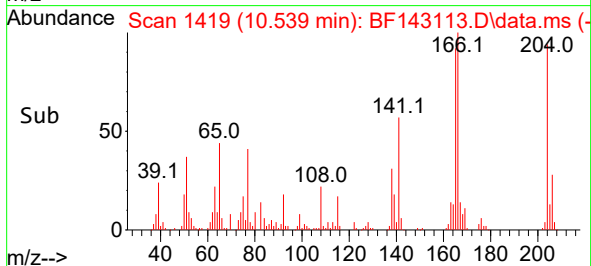
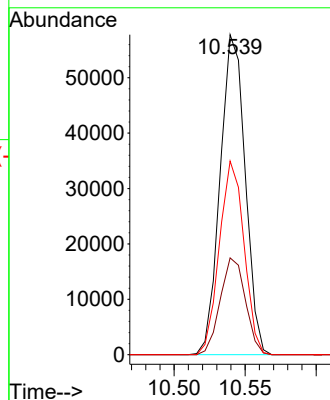
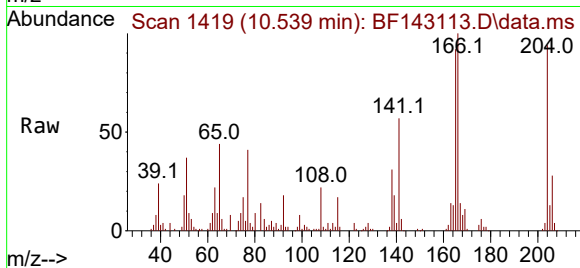
Tgt Ion:204 Resp: 70894

Ion Ratio Lower Upper

204 100

206 30.3 25.8 38.6

141 60.5 46.8 70.2



#62

4-Nitroaniline

Concen: 7.916 ng

RT: 10.545 min Scan# 1420

Delta R.T. -0.012 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

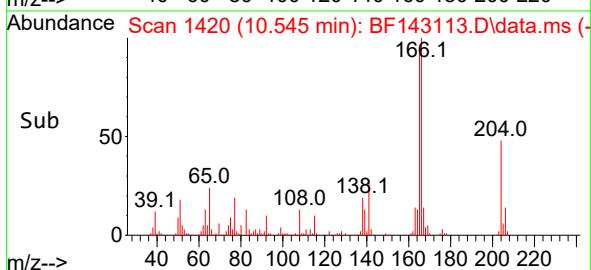
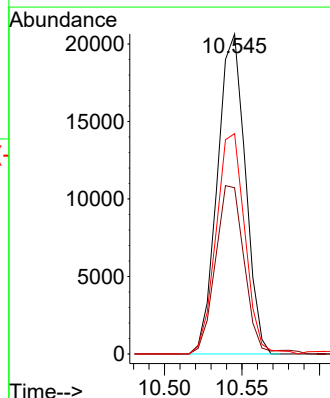
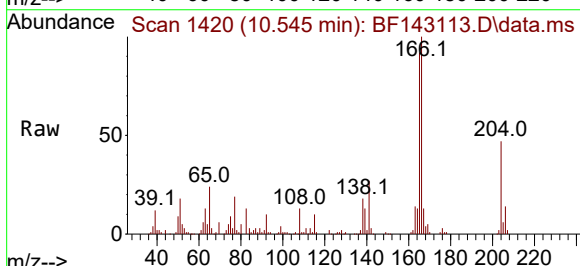
Tgt Ion:138 Resp: 25878

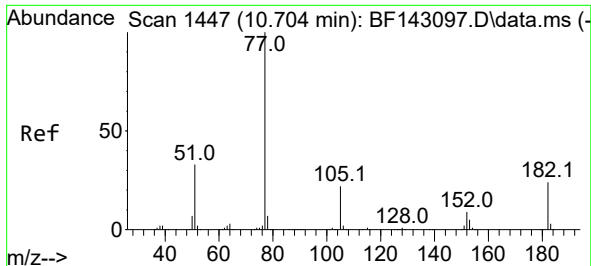
Ion Ratio Lower Upper

138 100

92 52.0 30.4 70.4

108 68.8 49.5 89.5

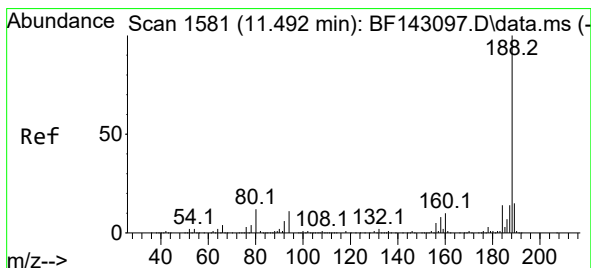
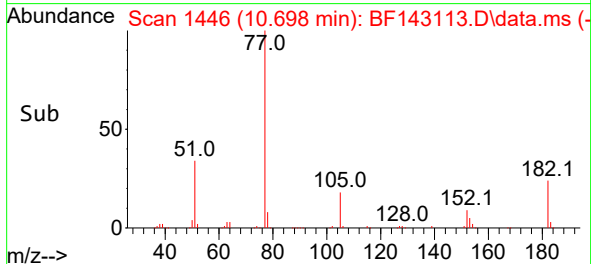
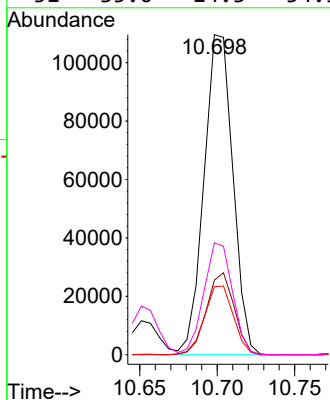
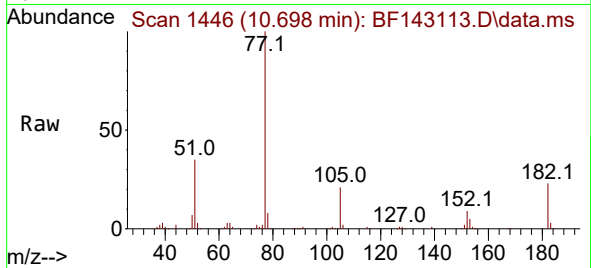




#63
Azobenzene
Concen: 7.656 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

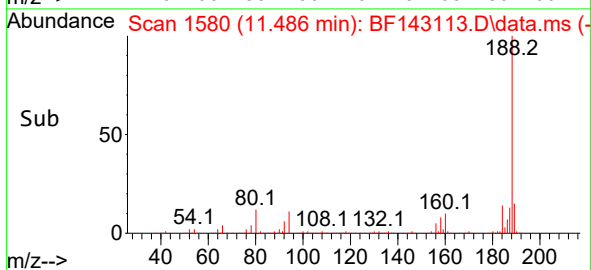
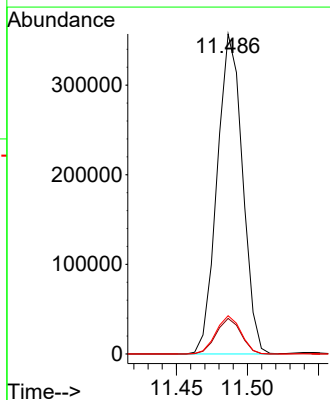
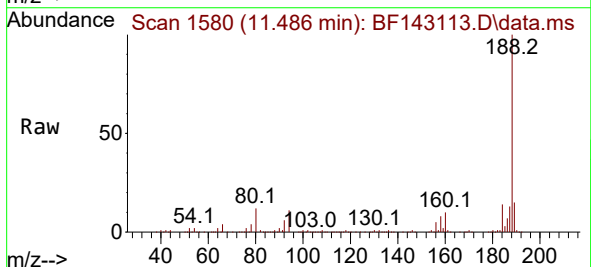
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

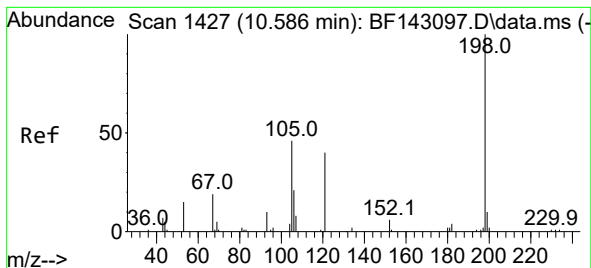
Tgt Ion: 77	Resp: 142108
Ion Ratio	Lower Upper
77 100	
182 23.3	4.0 44.0
105 21.3	1.4 41.4
51 35.0	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:188	Resp: 443930		
Ion Ratio	Lower	Upper	
188 100			
94 11.1	8.6	13.0	
80 11.9	9.3	13.9	

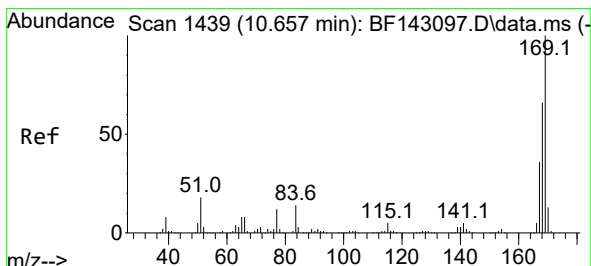
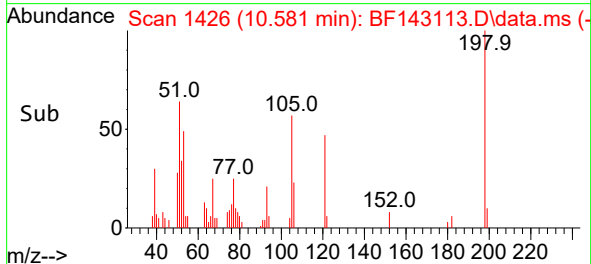
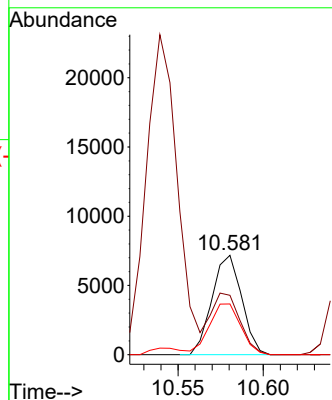
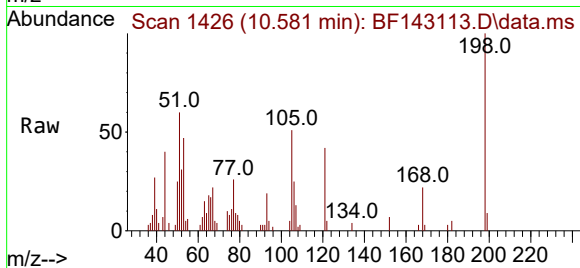




#65
4,6-Dinitro-2-methylphenol
Concen: 10.914 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.005 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

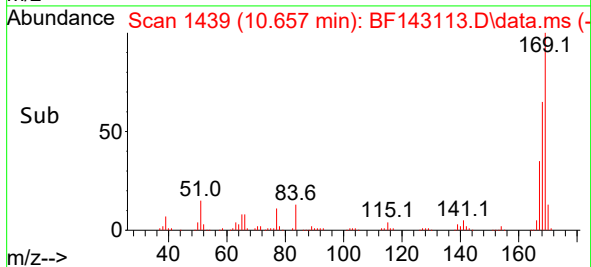
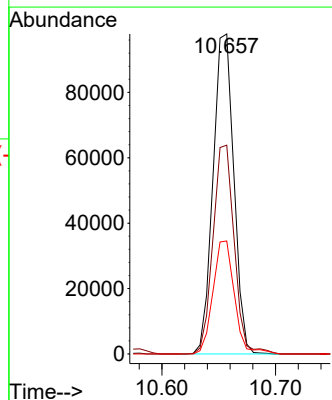
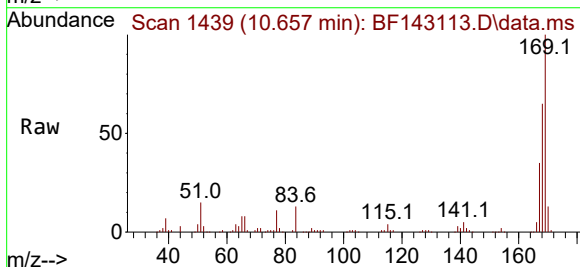
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

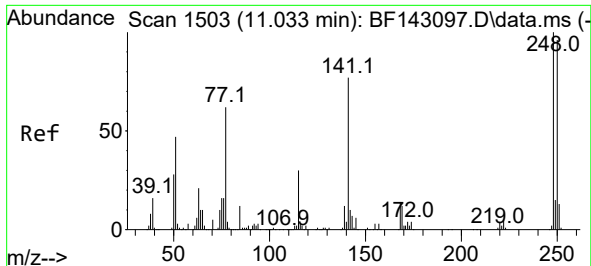
Tgt Ion:198 Resp: 8714
Ion Ratio Lower Upper
198 100
51 59.7 44.6 84.6
105 51.1 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 7.982 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:169 Resp: 124476
Ion Ratio Lower Upper
169 100
168 65.2 53.0 79.6
167 35.3 28.4 42.6

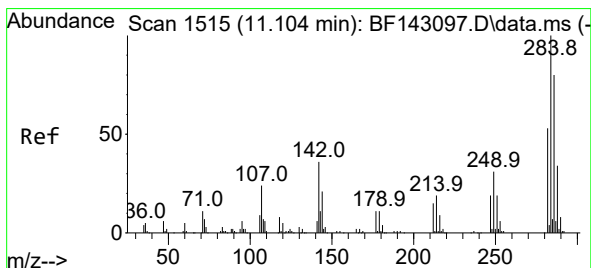
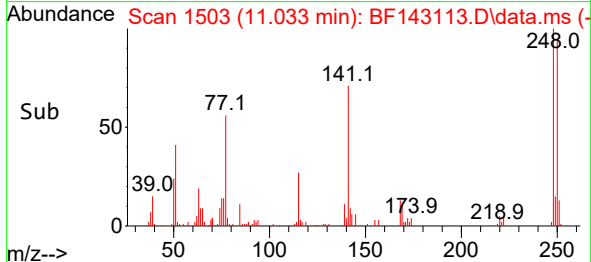
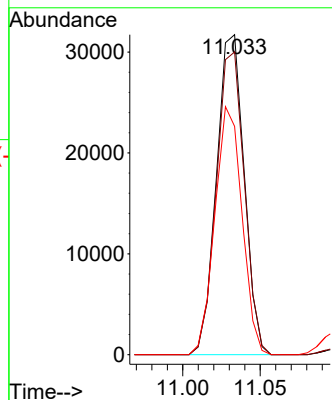
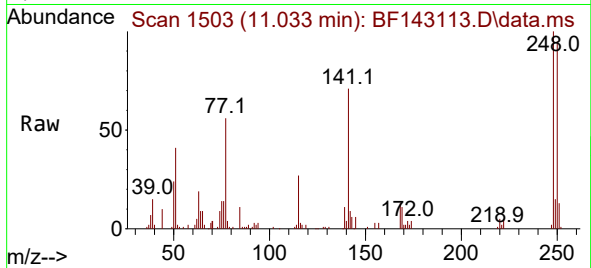




#67
4-Bromophenyl-phenylether
Concen: 7.819 ng
RT: 11.033 min Scan# 11033
Delta R.T. 0.000 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

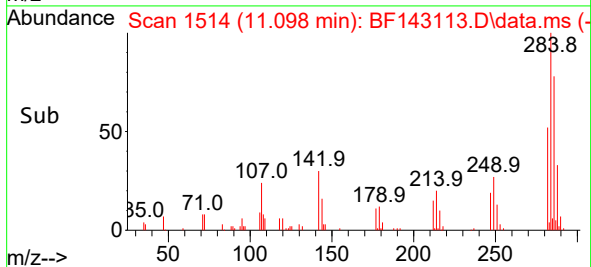
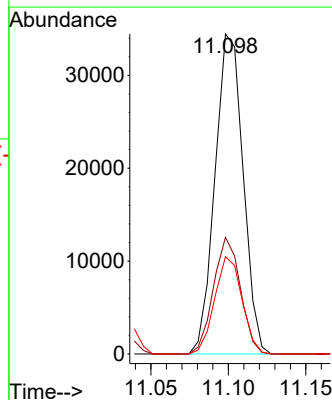
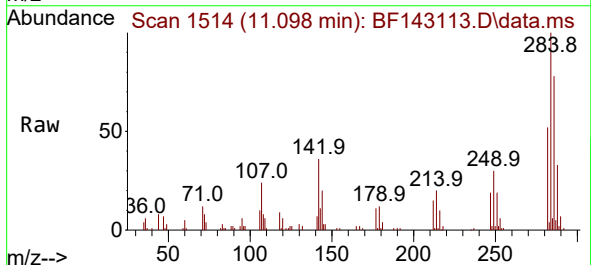
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

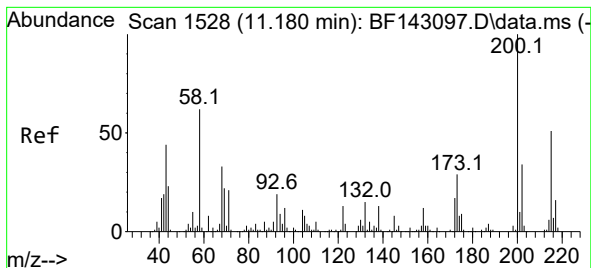
Tgt Ion:248 Resp: 39475
Ion Ratio Lower Upper
248 100
250 94.6 76.7 115.1
141 71.3 61.7 92.5



#68
Hexachlorobenzene
Concen: 8.109 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:284 Resp: 43435
Ion Ratio Lower Upper
284 100
142 36.5 28.9 43.3
249 30.4 24.6 37.0





#69

Atrazine

Concen: 7.754 ng

RT: 11.175 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

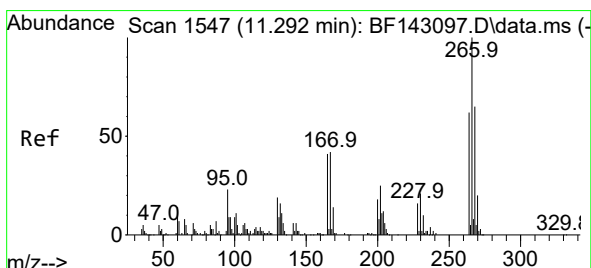
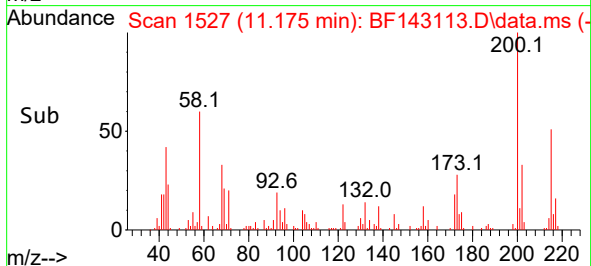
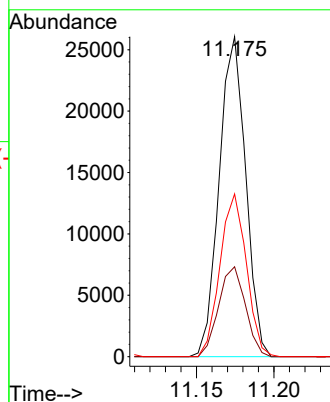
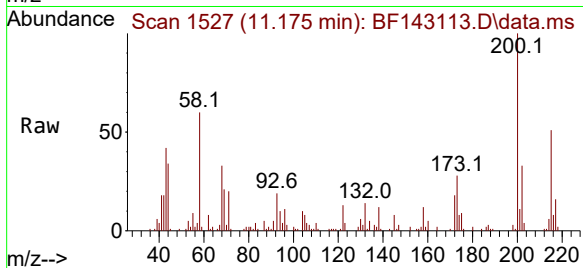
Tgt Ion:200 Resp: 30935

Ion Ratio Lower Upper

200 100

173 28.1 9.1 49.1

215 50.9 31.0 71.0



#70

Pentachlorophenol

Concen: 6.781 ng

RT: 11.286 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

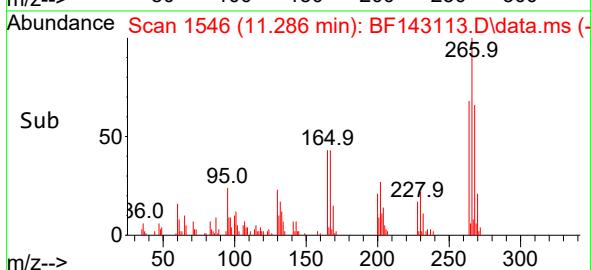
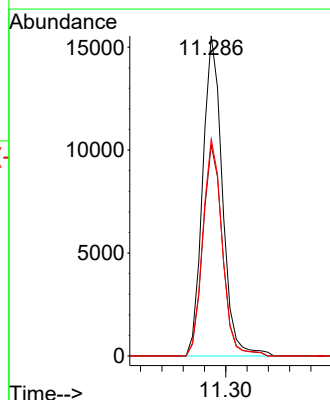
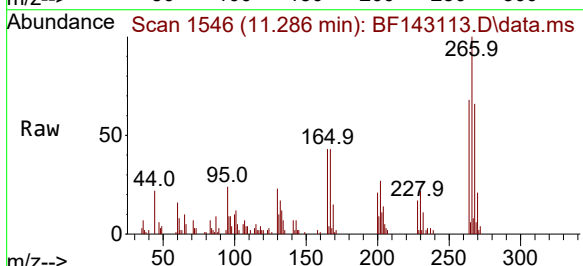
Tgt Ion:266 Resp: 19927

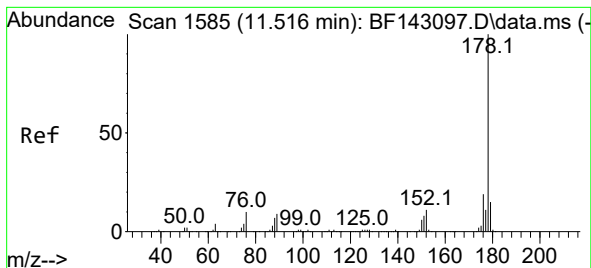
Ion Ratio Lower Upper

266 100

268 65.9 51.8 77.6

264 67.8 49.7 74.5





#71

Phenanthrene

Concen: 8.197 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

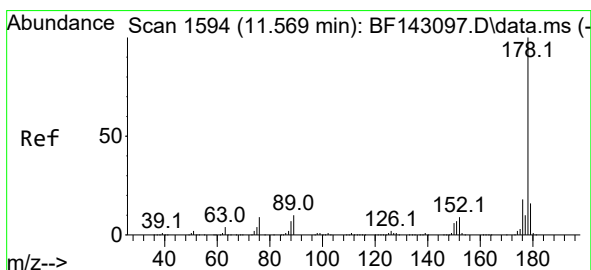
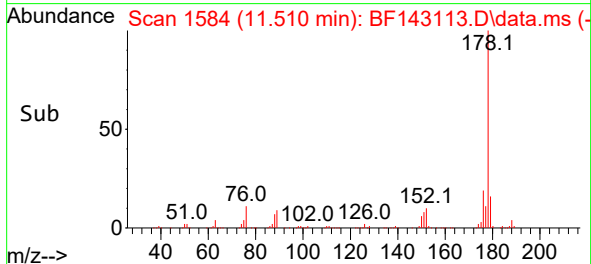
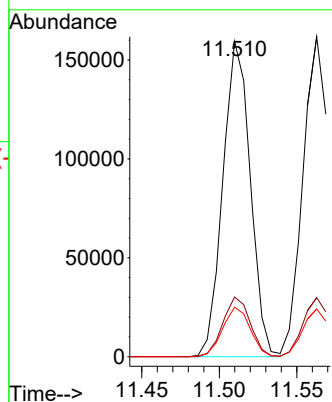
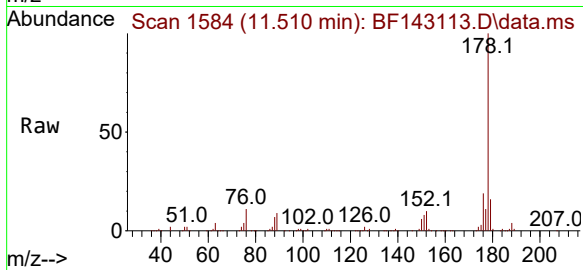
Tgt Ion:178 Resp: 196397

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.7 12.2 18.4



#72

Anthracene

Concen: 8.097 ng

RT: 11.563 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

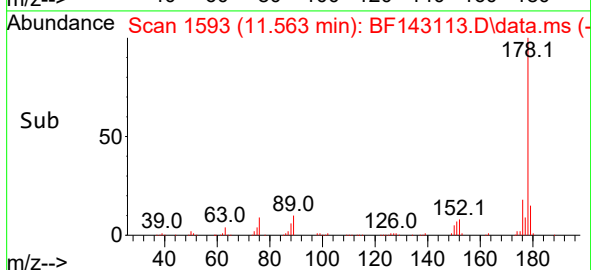
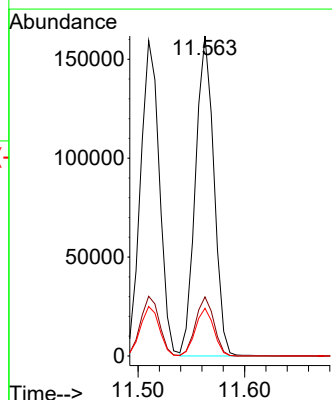
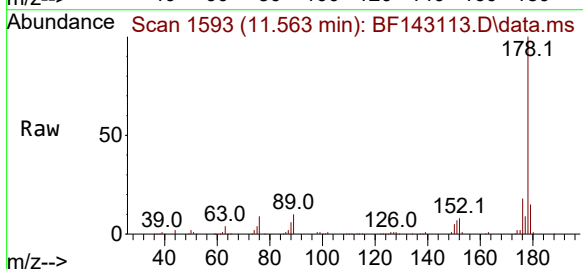
Tgt Ion:178 Resp: 195088

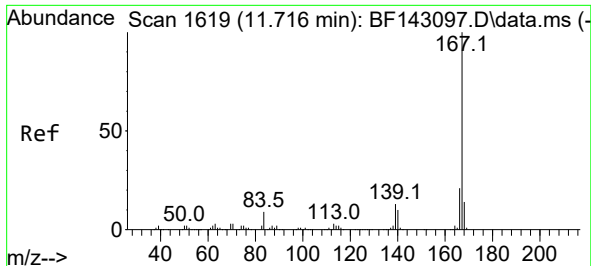
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 14.9 12.4 18.6

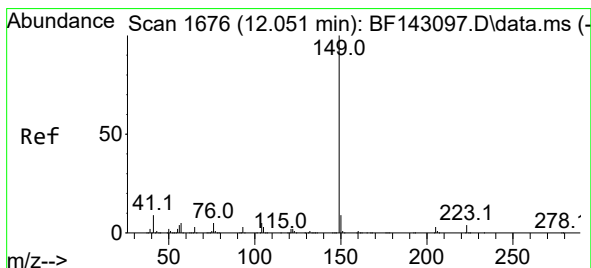
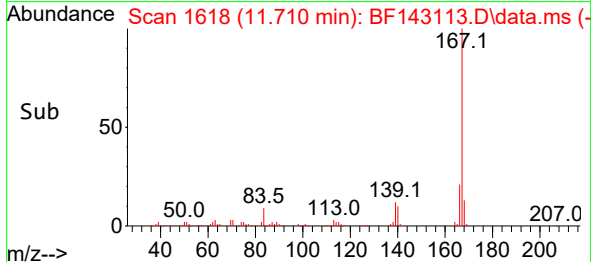
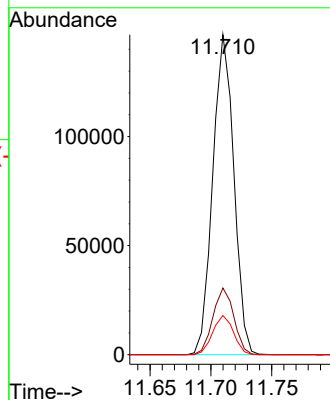
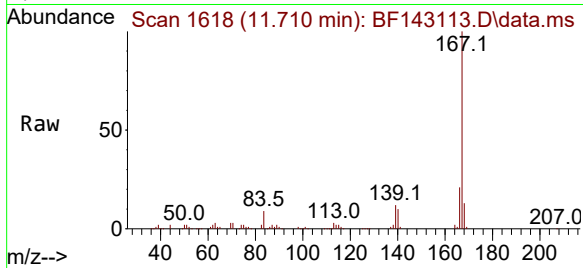




#73
 Carbazole
 Concen: 8.188 ng
 RT: 11.710 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF143113.D
 Acq: 16 Jul 2025 14:35

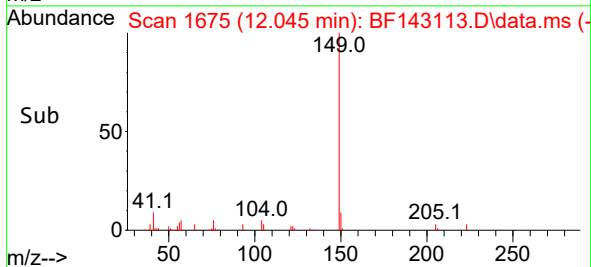
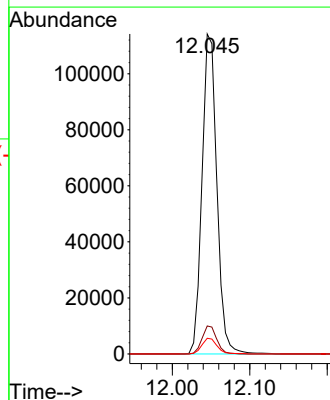
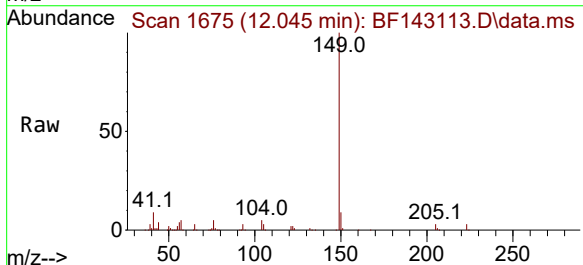
Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025

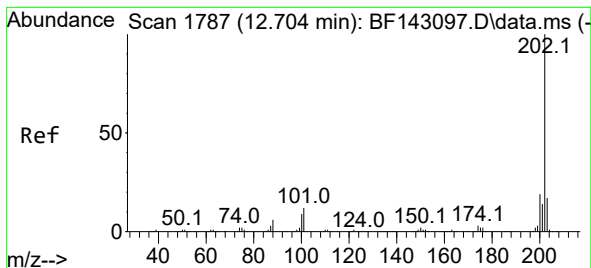
Tgt Ion:167 Resp: 176735
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.4
 139 12.3 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 7.662 ng
 RT: 12.045 min Scan# 1675
 Delta R.T. -0.006 min
 Lab File: BF143113.D
 Acq: 16 Jul 2025 14:35

Tgt Ion:149 Resp: 151800
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.3 10.9
 104 4.9 3.8 5.8





#75

Fluoranthene

Concen: 8.111 ng

RT: 12.698 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

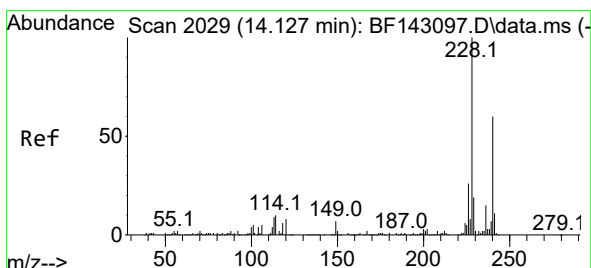
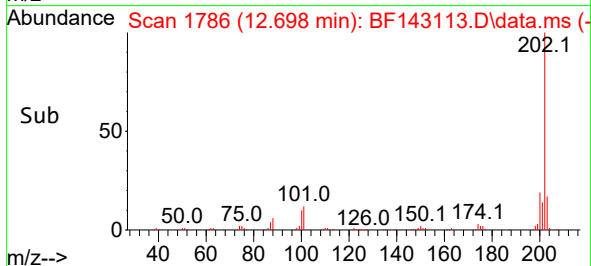
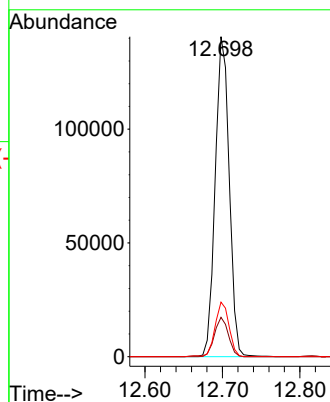
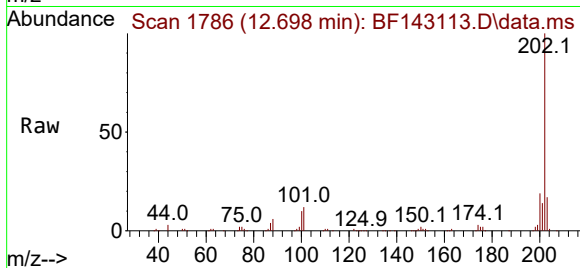
Tgt Ion:202 Resp: 176691

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.4

203 17.0 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

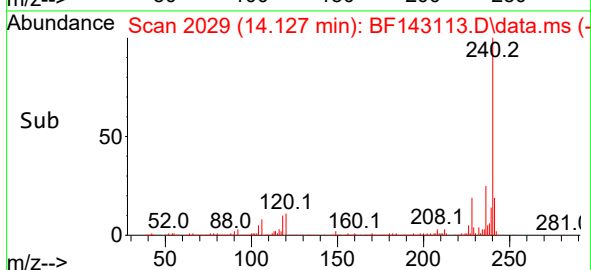
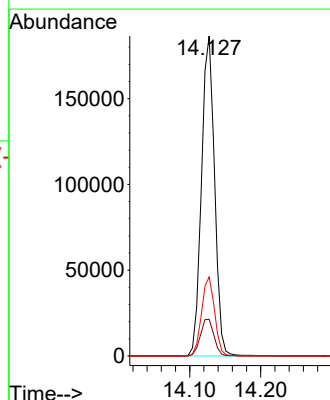
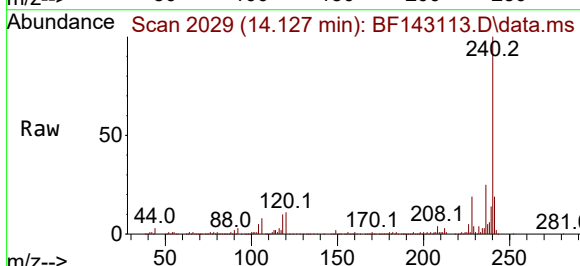
Tgt Ion:240 Resp: 239190

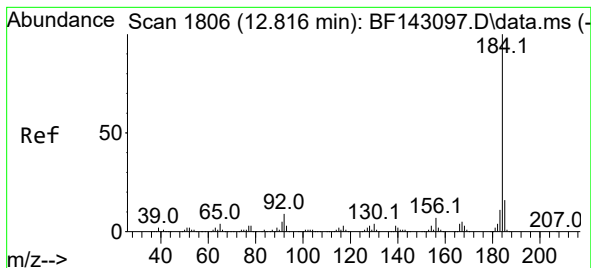
Ion Ratio Lower Upper

240 100

120 11.5 10.0 15.0

236 24.7 20.0 30.0





#77

Benzidine

Concen: 7.605 ng

RT: 12.816 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

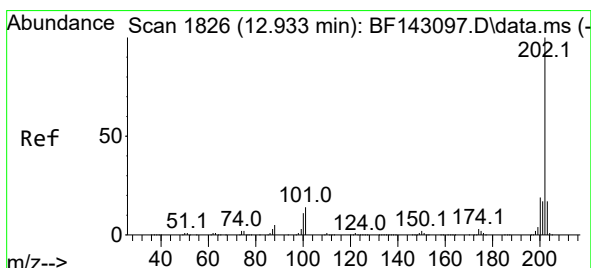
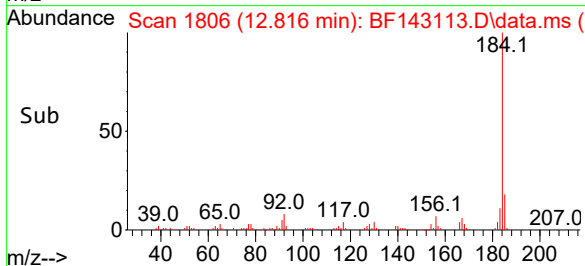
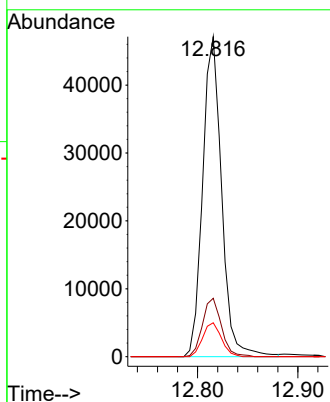
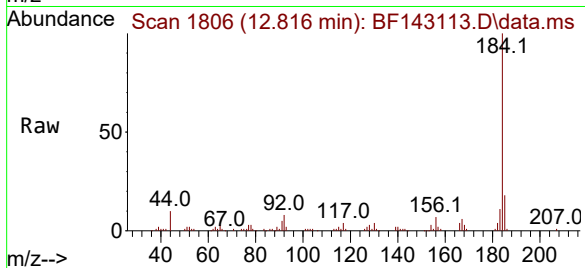
Tgt Ion:184 Resp: 61971

Ion Ratio Lower Upper

184 100

185 18.3 12.4 18.6

183 10.6 8.6 12.8



#78

Pyrene

Concen: 8.154 ng

RT: 12.927 min Scan# 1825

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

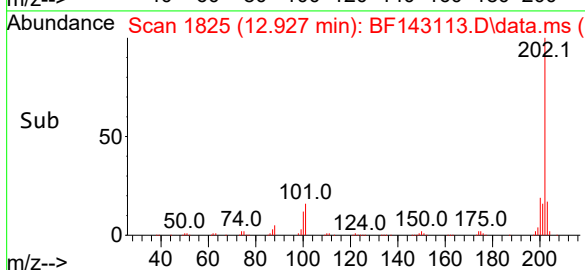
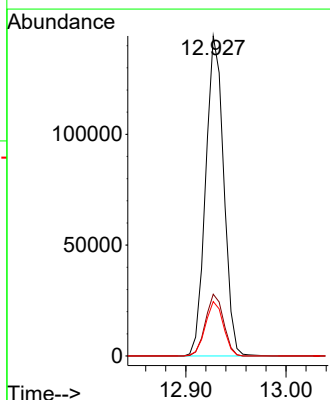
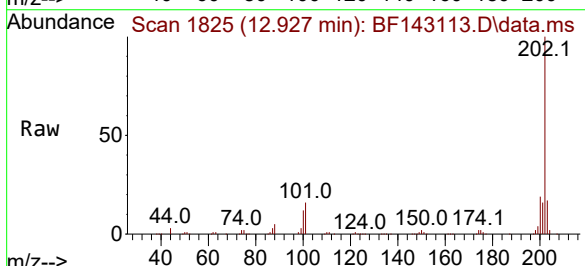
Tgt Ion:202 Resp: 180970

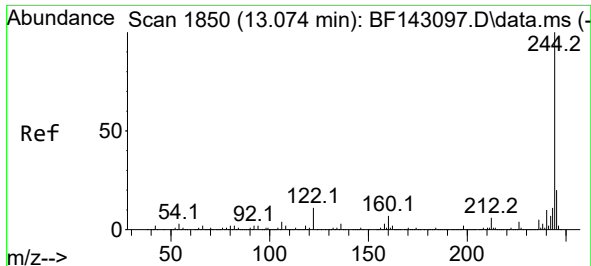
Ion Ratio Lower Upper

202 100

200 19.3 15.5 23.3

203 17.0 14.0 21.0

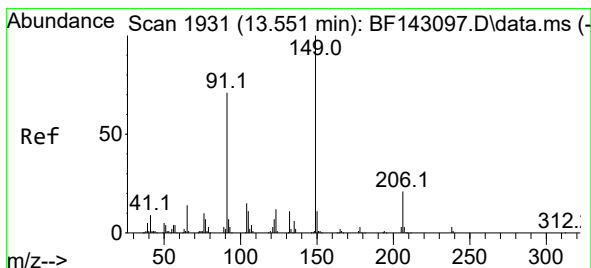
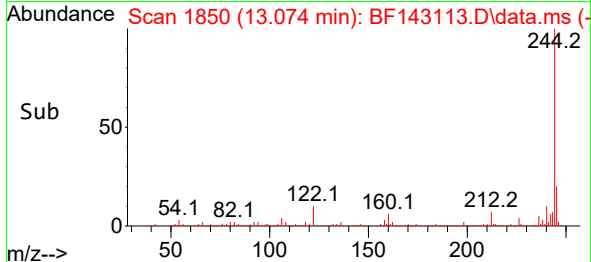
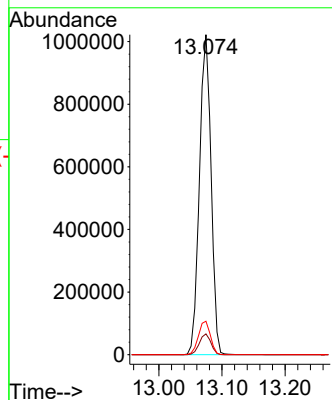
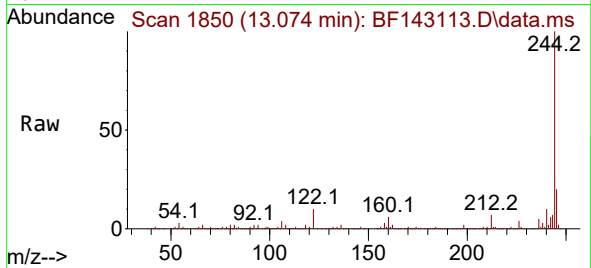




#79
 Terphenyl-d14
 Concen: 79.596 ng
 RT: 13.074 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: BF143113.D
 Acq: 16 Jul 2025 14:35

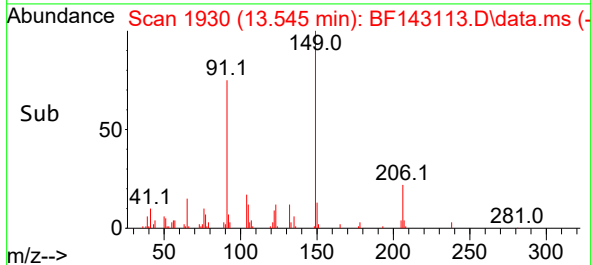
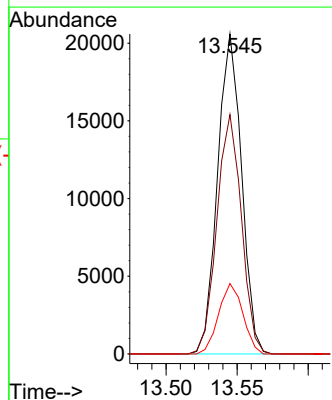
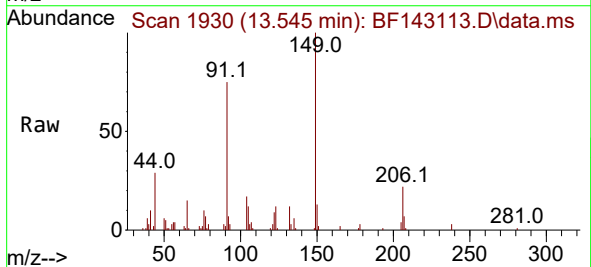
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

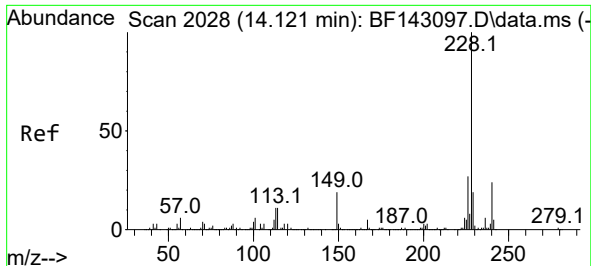
Tgt Ion:244 Resp: 1302393
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.5 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 8.451 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF143113.D
 Acq: 16 Jul 2025 14:35

Tgt Ion:149 Resp: 24189
 Ion Ratio Lower Upper
 149 100
 91 74.8 57.0 85.4
 206 22.0 17.2 25.8

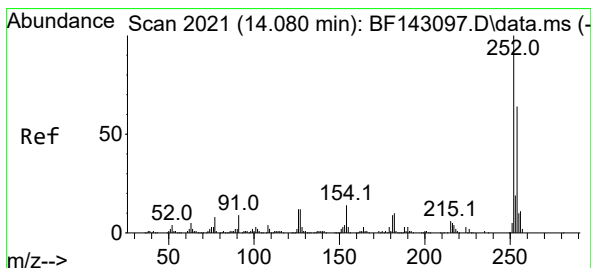
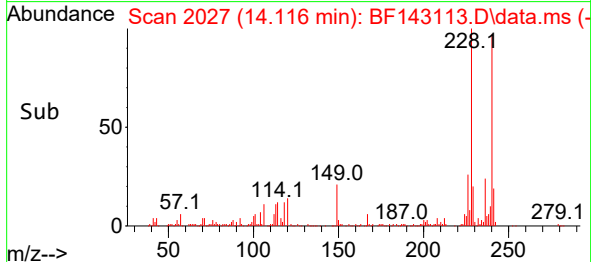
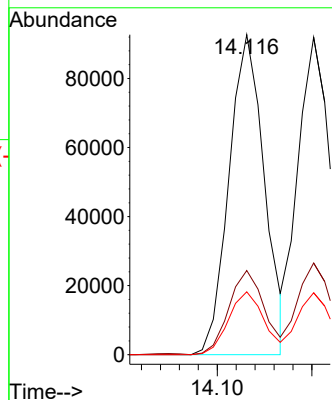
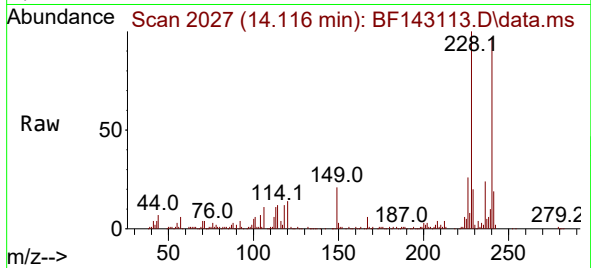




#81
Benzo(a)anthracene
Concen: 7.553 ng
RT: 14.116 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

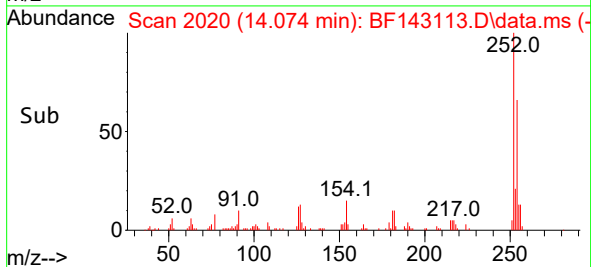
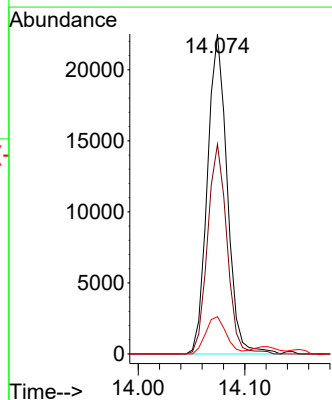
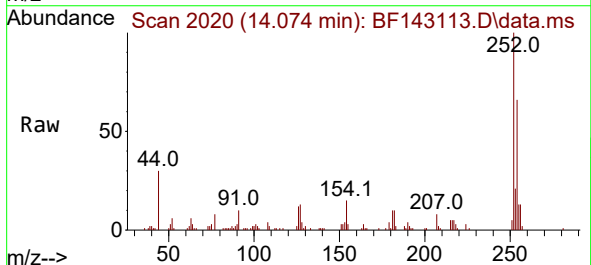
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

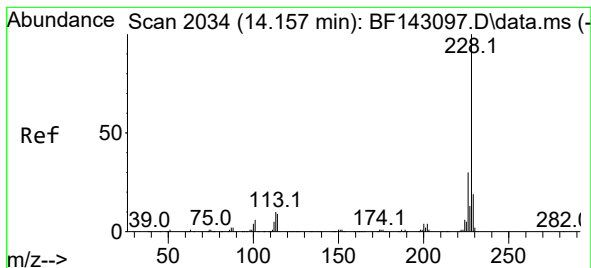
Tgt Ion:228 Resp: 120381
Ion Ratio Lower Upper
228 100
226 26.3 21.3 31.9
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 6.266 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:252 Resp: 29003
Ion Ratio Lower Upper
252 100
254 65.5 51.5 77.3
126 11.7 9.4 14.0





#83

Chrysene

Concen: 7.589 ng

RT: 14.151 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

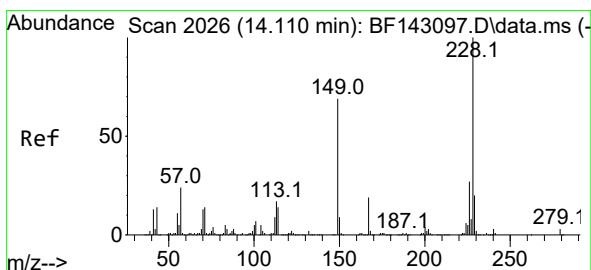
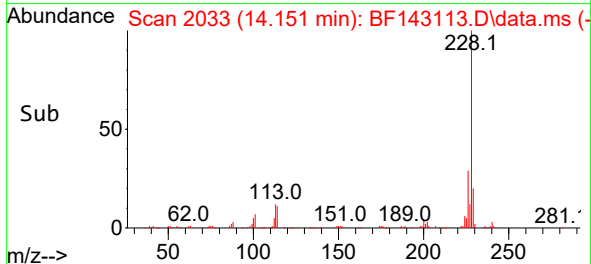
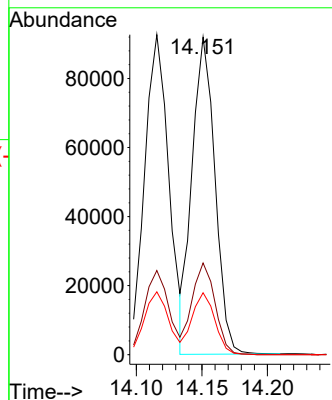
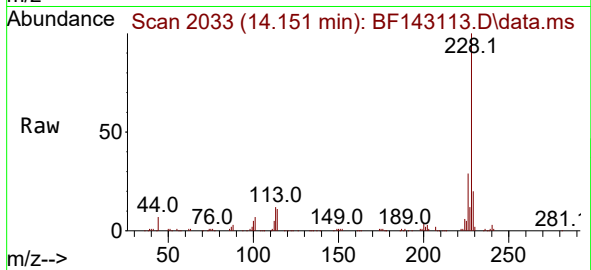
Tgt Ion:228 Resp: 111404

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.2

229 19.5 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.476 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

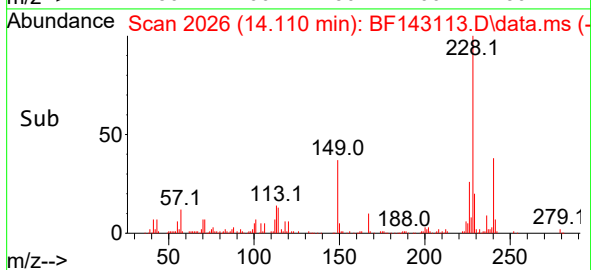
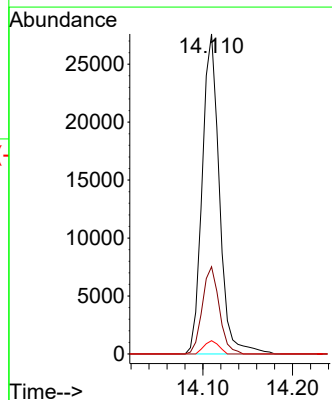
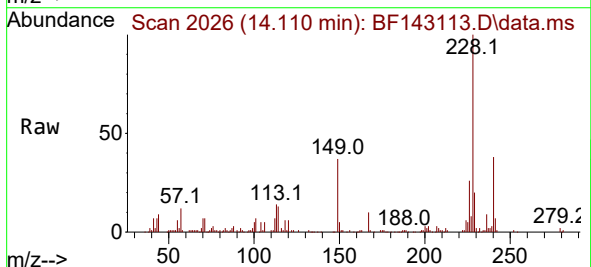
Tgt Ion:149 Resp: 36669

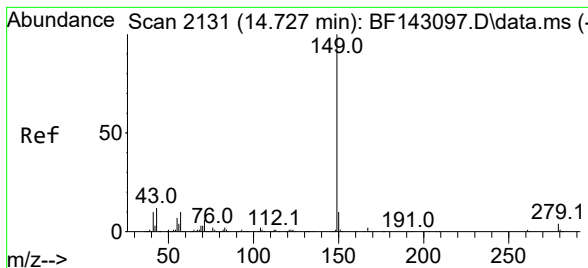
Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

279 4.1 3.4 5.0

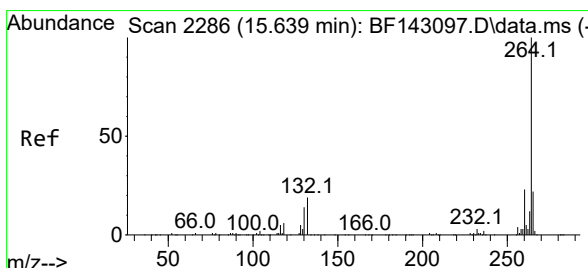
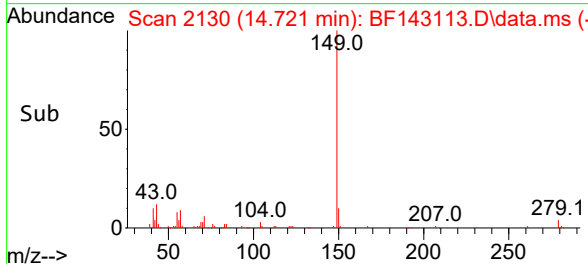
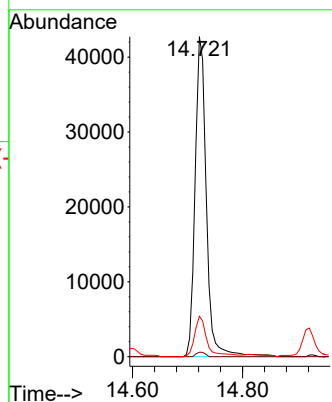
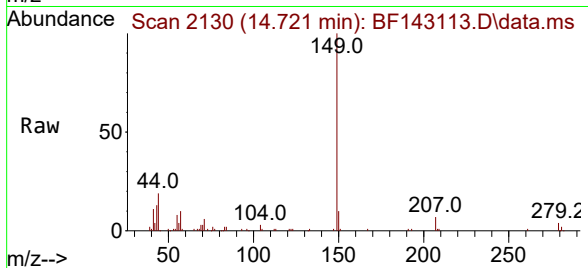




#85
Di-n-octyl phthalate
Concen: 10.798 ng
RT: 14.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

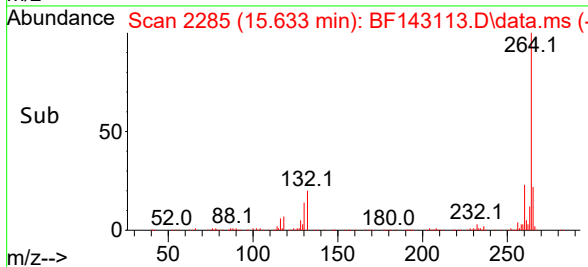
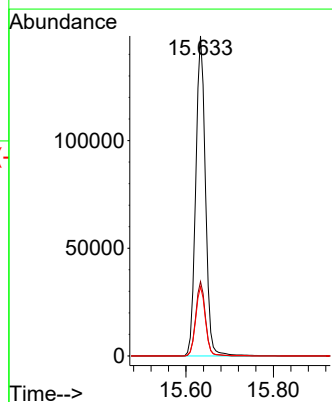
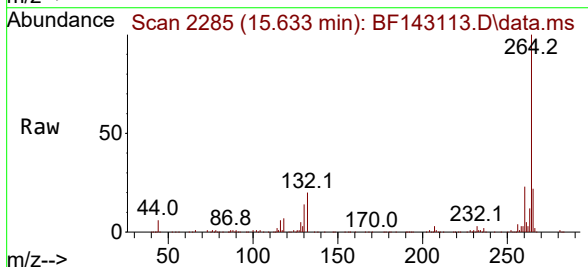
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

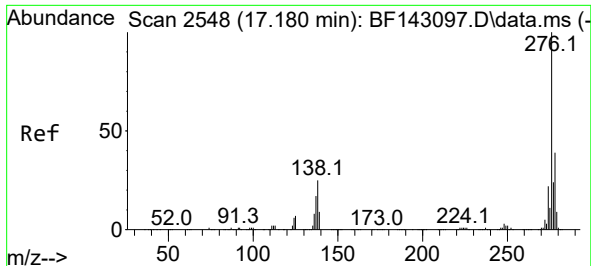
Tgt Ion:149 Resp: 60709
Ion Ratio Lower Upper
149 100
167 1.1 1.2 1.8#
43 14.0 10.6 16.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:264 Resp: 229484
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.6 17.5 26.3

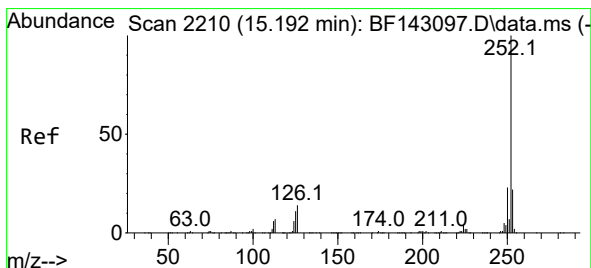
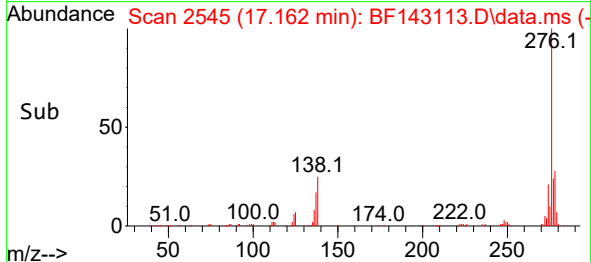
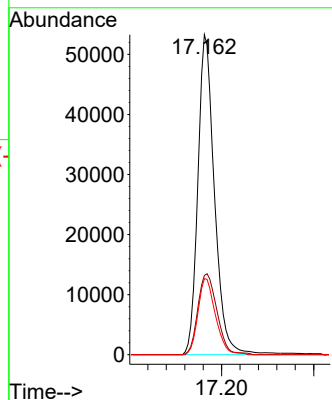
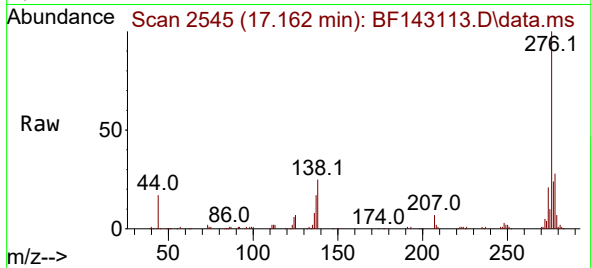




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.837 ng
RT: 17.162 min Scan# 2109
Delta R.T. -0.018 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

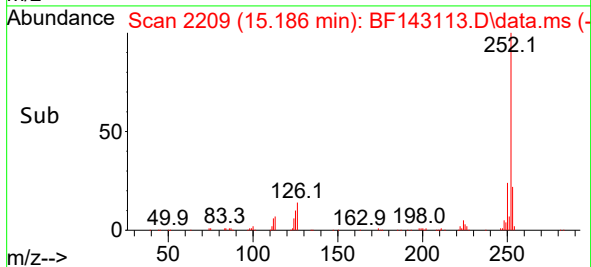
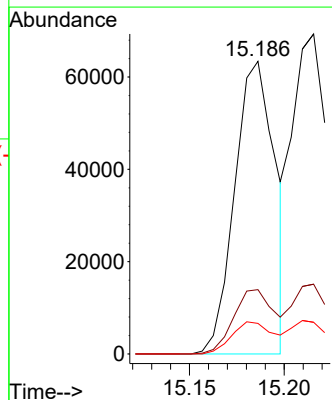
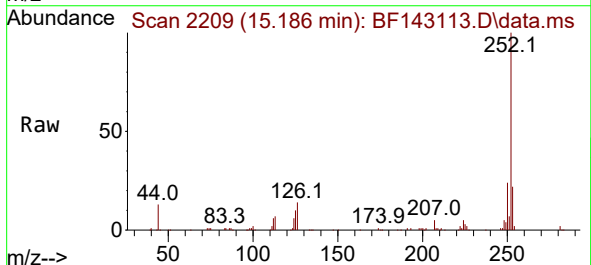
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

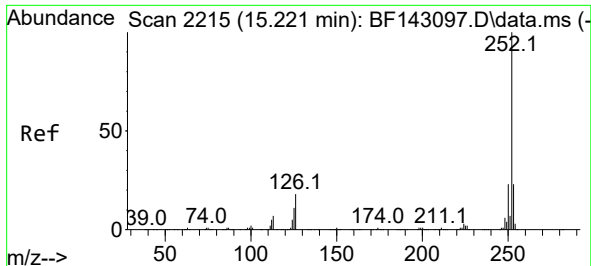
Tgt Ion:276 Resp: 133770
Ion Ratio Lower Upper
276 100
138 29.0 22.6 34.0
277 25.0 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 7.112 ng
RT: 15.186 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:252 Resp: 94146
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.4 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 7.709 ng

RT: 15.216 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143113.D

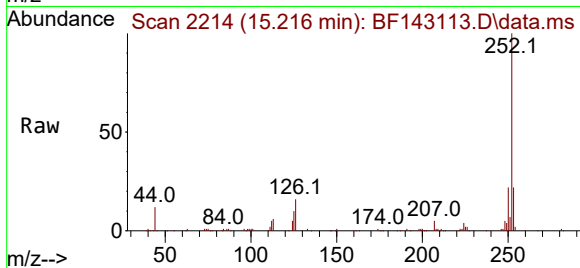
Acq: 16 Jul 2025 14:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



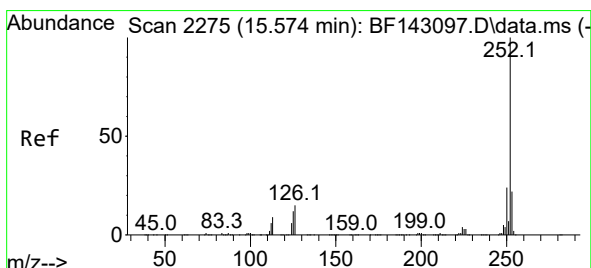
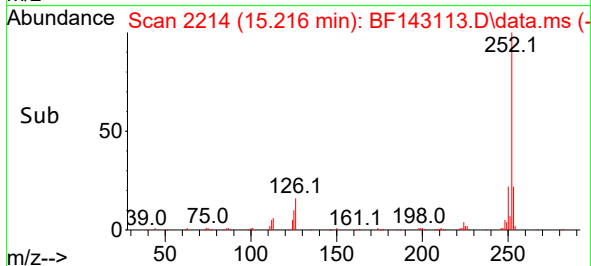
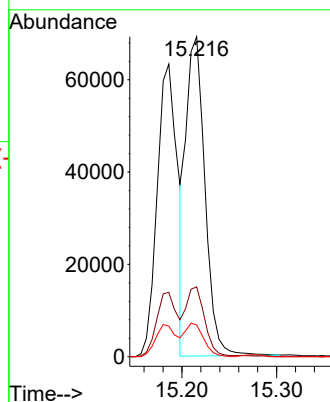
Tgt Ion:252 Resp: 97346

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.9 8.5 12.7



#90

Benzo(a)pyrene

Concen: 7.270 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.012 min

Lab File: BF143113.D

Acq: 16 Jul 2025 14:35

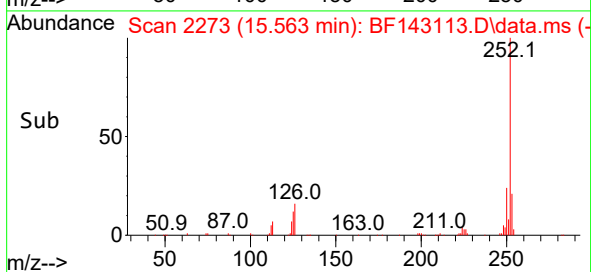
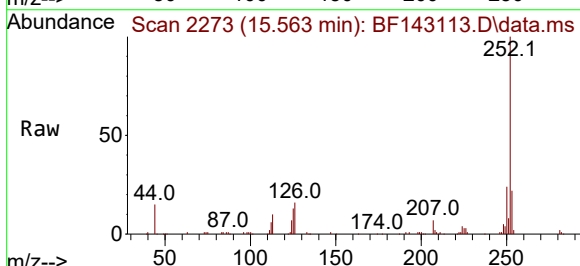
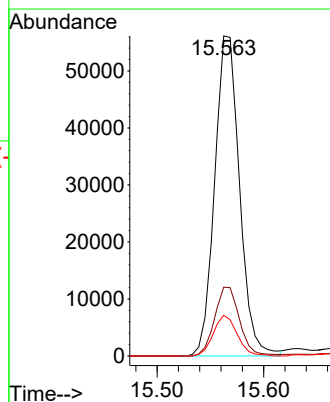
Tgt Ion:252 Resp: 91021

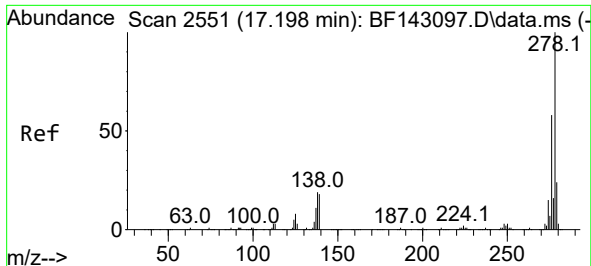
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 12.7 9.4 14.0

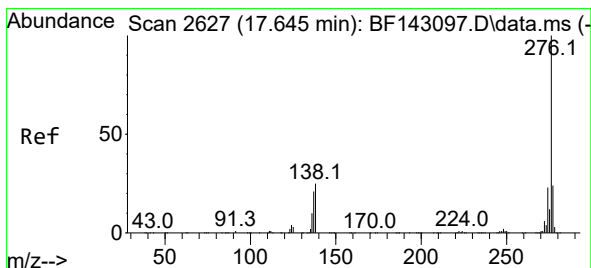
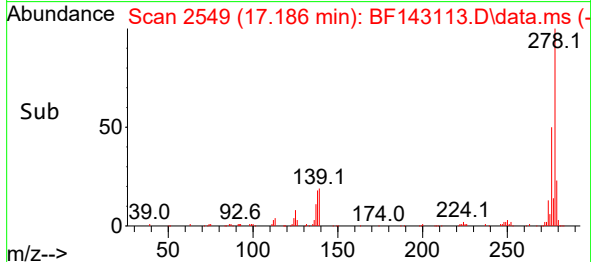
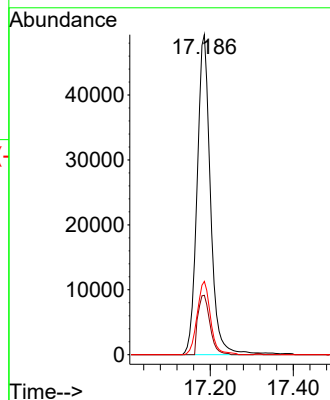
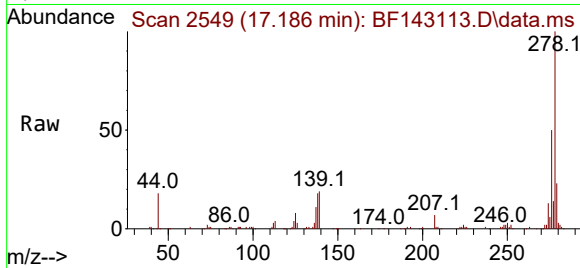




#91
Dibenzo(a,h)anthracene
Concen: 7.903 ng
RT: 17.186 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:278 Resp: 110266
Ion Ratio Lower Upper
278 100
139 18.6 14.6 22.0
279 22.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 7.960 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.018 min
Lab File: BF143113.D
Acq: 16 Jul 2025 14:35

Tgt Ion:276 Resp: 113230
Ion Ratio Lower Upper
276 100
277 24.3 19.2 28.8
138 23.8 19.8 29.6

