

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141309.D
 Acq On : 30 Jan 2025 13:13
 Operator : RC/JU
 Sample : Q1168-07
 Misc : LOD-MDL-WATER 4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Quant Time: Jan 30 13:36:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	142211	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	573950	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	313777	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	536153	20.000	ng	0.00
76) Chrysene-d12	13.963	240	324523	20.000	ng	-0.01
86) Perylene-d12	15.427	264	302151	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	988452	106.706	ng	0.00
7) Phenol-d6	6.428	99	1288439	109.337	ng	-0.01
23) Nitrobenzene-d5	7.363	82	870556	79.959	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	313830	109.097	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1538315	75.460	ng	0.00
79) Terphenyl-d14	12.916	244	1578892	75.031	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	16662	4.090	ng	98
3) Pyridine	3.263	79	33540	3.417	ng	97
4) n-Nitrosodimethylamine	3.152	42	22005	3.924	ng	100
6) Aniline	6.457	93	51827	5.196	ng	96
8) 2-Chlorophenol	6.581	128	41512	4.181	ng	84
9) Benzaldehyde	6.346	77	35058	5.136	ng	98
10) Phenol	6.440	94	53043	4.246	ng	# 69
11) bis(2-Chloroethyl)ether	6.534	93	39773	4.153	ng	99
12) 1,3-Dichlorobenzene	6.740	146	45773	4.181	ng	96
13) 1,4-Dichlorobenzene	6.816	146	45198	4.110	ng	99
14) 1,2-Dichlorobenzene	6.969	146	42428	4.120	ng	96
15) Benzyl Alcohol	6.940	79	43885	5.449	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.069	45	74021	4.444	ng	99
17) 2-Methylphenol	7.046	107	33123	4.105	ng	98
18) Hexachloroethane	7.310	117	16361	4.033	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	30124	4.302	ng	98
20) 3+4-Methylphenols	7.198	107	42370	4.276	ng	# 77
22) Acetophenone	7.204	105	62678	4.594	ng	97
24) Nitrobenzene	7.375	77	47590	4.218	ng	98
25) Isophorone	7.610	82	80594	4.282	ng	97
26) 2-Nitrophenol	7.693	139	20153	3.787	ng	99
27) 2,4-Dimethylphenol	7.728	122	15143	2.236	ng	95
28) bis(2-Chloroethoxy)met...	7.828	93	50789	4.231	ng	96
29) 2,4-Dichlorophenol	7.934	162	32876	3.965	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	38690	4.086	ng	98
31) Naphthalene	8.098	128	126186	4.162	ng	100
32) Benzoic acid	7.787	122	13640	2.191	ng	97
33) 4-Chloroaniline	8.151	127	46161	4.490	ng	99
34) Hexachlorobutadiene	8.222	225	21698	3.907	ng	100
35) Caprolactam	8.475	113	10586	3.909	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	40121	4.511	ng	99
37) 2-Methylnaphthalene	8.792	142	83472	4.331	ng	100
38) 1-Methylnaphthalene	8.892	142	77993	4.120	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	37811	4.236	ng	97
41) Hexachlorocyclopentadiene	8.945	237	6300	2.390	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	21777	3.727	ng	96

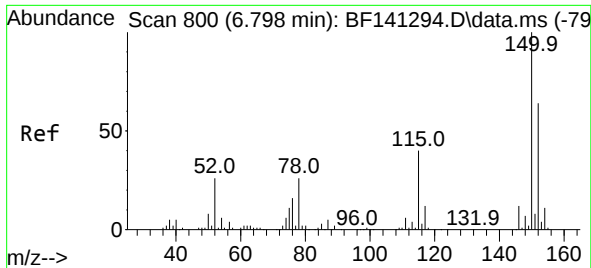
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
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 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	24568	3.863	ng	97
46) 1,1'-Biphenyl	9.257	154	113877	4.654	ng	99
47) 2-Chloronaphthalene	9.281	162	78665	4.124	ng	98
48) 2-Nitroaniline	9.375	65	23393	3.899	ng	94
49) Acenaphthylene	9.692	152	120314	4.506	ng	99
50) Dimethylphthalate	9.551	163	90972	4.293	ng	100
51) 2,6-Dinitrotoluene	9.610	165	17902	3.638	ng	93
52) Acenaphthene	9.863	154	82587	4.330	ng	98
53) 3-Nitroaniline	9.781	138	18787	3.896	ng	95
55) Dibenzofuran	10.039	168	114767	4.495	ng	97
56) 4-Nitrophenol	9.945	139	12896	3.656	ng	99
57) 2,4-Dinitrotoluene	10.016	165	26721	4.194	ng	99
58) Fluorene	10.381	166	89073	4.498	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	20287	4.055	ng #	99
60) Diethylphthalate	10.257	149	87859	4.276	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	42420	4.385	ng	98
62) 4-Nitroaniline	10.386	138	16756	3.534	ng	96
63) Azobenzene	10.534	77	87835	4.270	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	8935	2.817	ng	94
66) n-Nitrosodiphenylamine	10.492	169	74331	4.286	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	25522	4.252	ng	93
68) Hexachlorobenzene	10.928	284	27494	4.318	ng	99
69) Atrazine	11.016	200	23942	4.129	ng	99
70) Pentachlorophenol	11.128	266	14138	3.792	ng	96
71) Phenanthrene	11.345	178	131490	4.562	ng	99
72) Anthracene	11.392	178	127187	4.504	ng	99
73) Carbazole	11.551	167	106689	4.261	ng	99
74) Di-n-butylphthalate	11.886	149	136496	4.498	ng	99
75) Fluoranthene	12.533	202	130013	4.569	ng	99
77) Benzidine	12.663	184	21275	2.045	ng	99
78) Pyrene	12.763	202	145447	4.669	ng	99
80) Butylbenzylphthalate	13.386	149	44821	4.118	ng	99
81) Benzo(a)anthracene	13.951	228	97470	4.353	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	24508	3.441	ng	98
83) Chrysene	13.992	228	84663	4.125	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	57358	4.155	ng	98
85) Di-n-octyl phthalate	14.580	149	76789	3.581	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	73766	3.783	ng	98
88) Benzo(b)fluoranthene	15.004	252	81616	4.294	ng	99
89) Benzo(k)fluoranthene	15.033	252	70018	4.159	ng	98
90) Benzo(a)pyrene	15.368	252	67944	4.230	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	58313	3.717	ng	98
92) Benzo(g,h,i)perylene	17.304	276	60875	3.731	ng	99

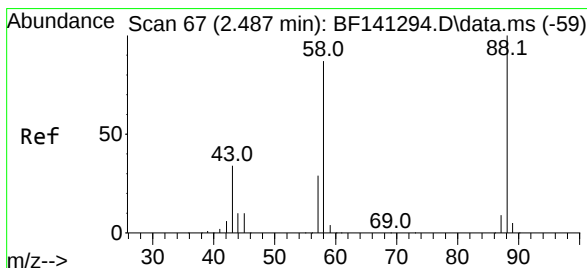
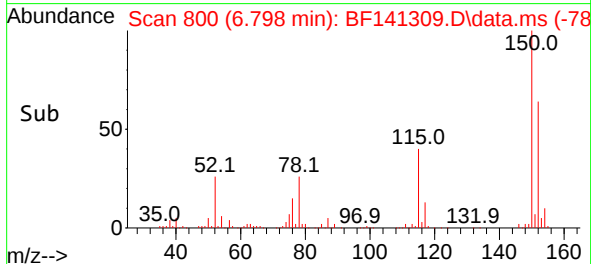
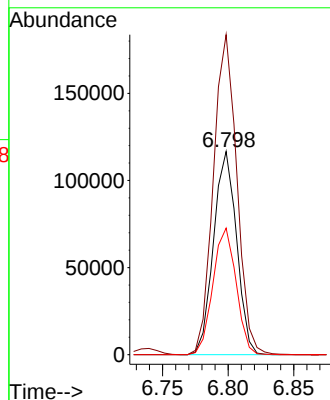
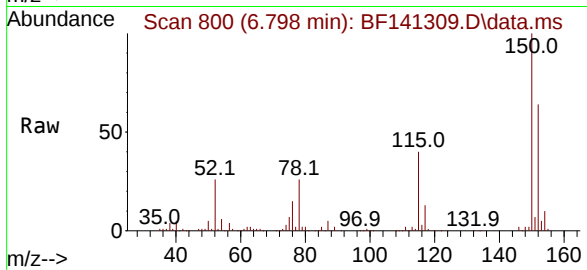
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

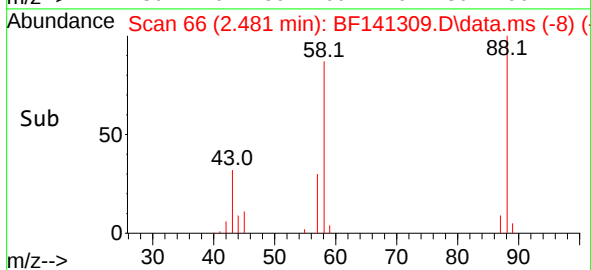
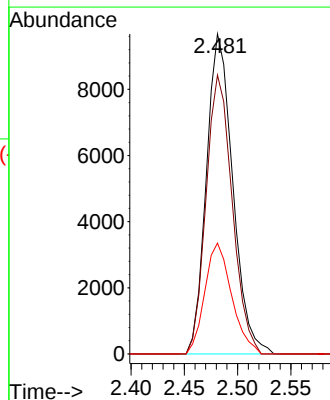
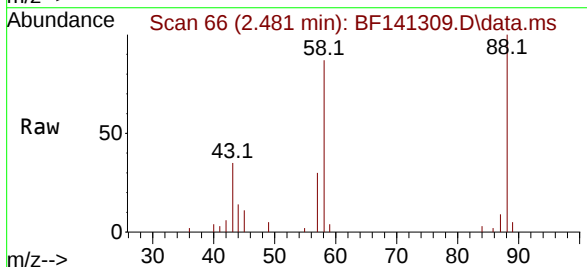
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

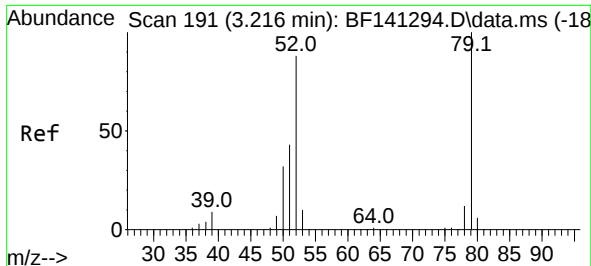
Tgt Ion:152 Resp: 142211
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 62.3 49.7 74.5



#2
1,4-Dioxane
Concen: 4.090 ng
RT: 2.481 min Scan# 66
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion: 88 Resp: 16662
Ion Ratio Lower Upper
88 100
58 86.2 70.2 105.4
43 35.3 27.6 41.4





#3

Pyridine

Concen: 3.417 ng

RT: 3.263 min Scan# 11

Delta R.T. 0.035 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

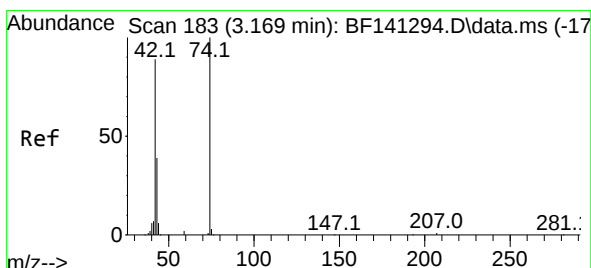
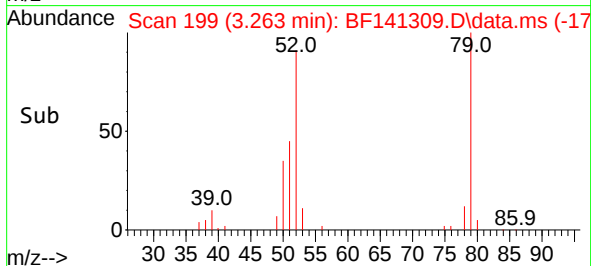
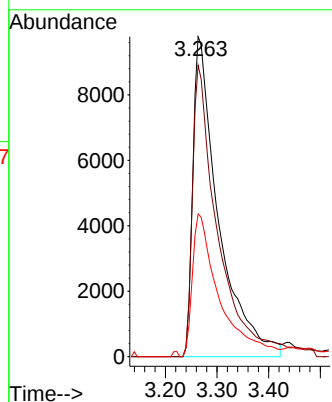
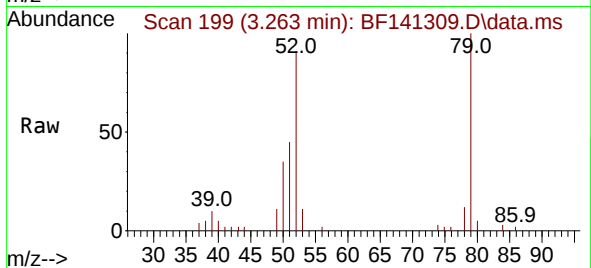
Tgt Ion: 79 Resp: 33540

Ion Ratio Lower Upper

79 100

52 91.0 70.3 105.5

51 44.6 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 3.924 ng

RT: 3.152 min Scan# 180

Delta R.T. -0.047 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

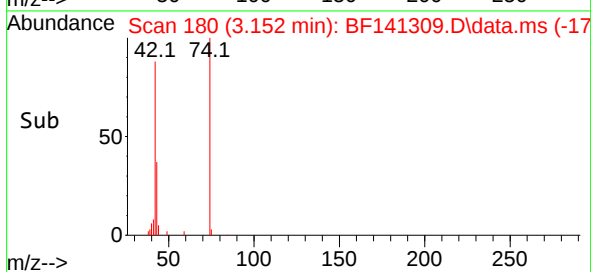
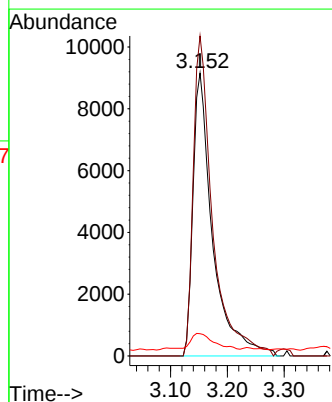
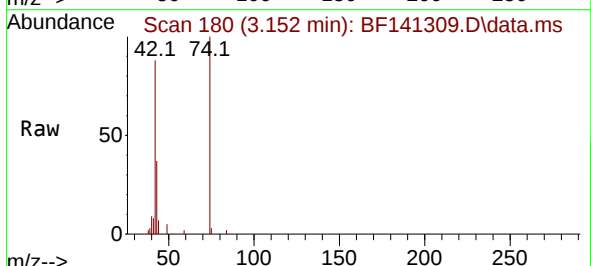
Tgt Ion: 42 Resp: 22005

Ion Ratio Lower Upper

42 100

74 113.1 90.3 135.5

44 7.9 5.7 8.5

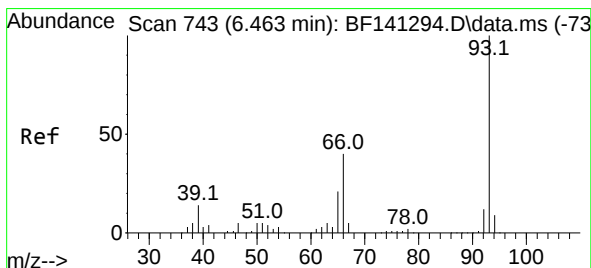
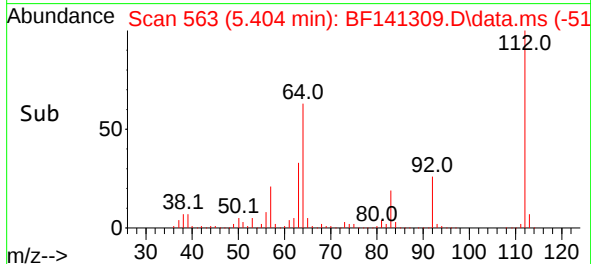
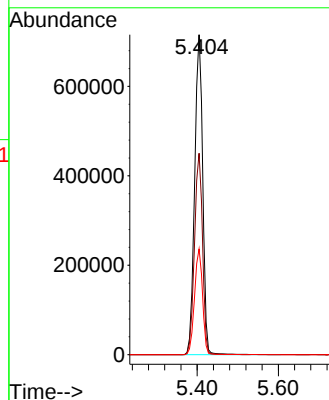
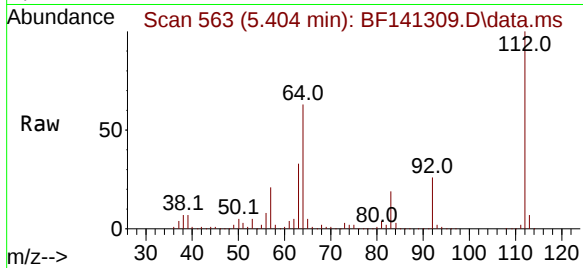




#5
2-Fluorophenol
Concen: 106.706 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

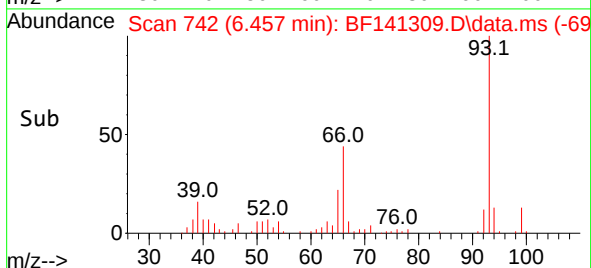
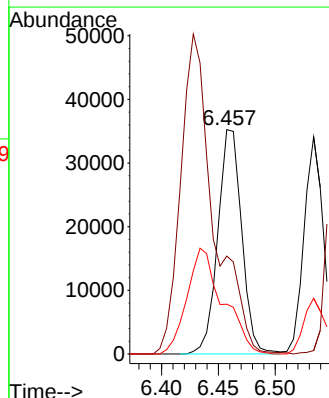
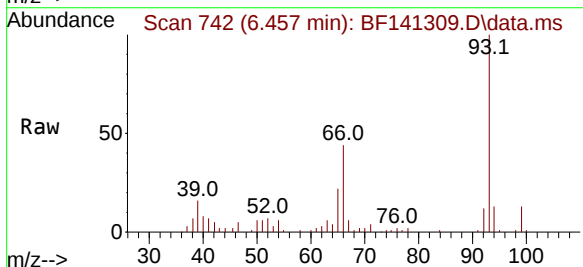
Instrument :
BNA_F
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LOD-MDL-WATER-01-QT1-2025

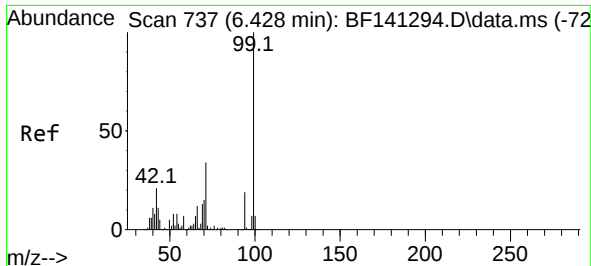
Tgt Ion:112 Resp: 988452
Ion Ratio Lower Upper
112 100
64 63.0 49.8 74.8
63 33.0 26.1 39.1



#6
Aniline
Concen: 5.196 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

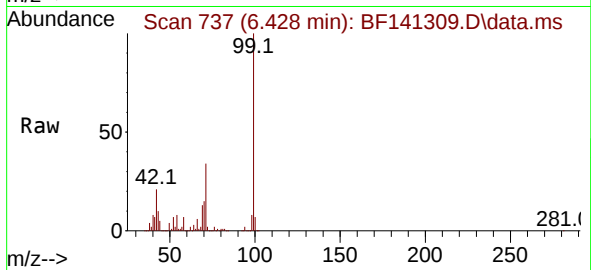
Tgt Ion: 93 Resp: 51827
Ion Ratio Lower Upper
93 100
66 43.6 32.5 48.7
65 22.2 17.0 25.6





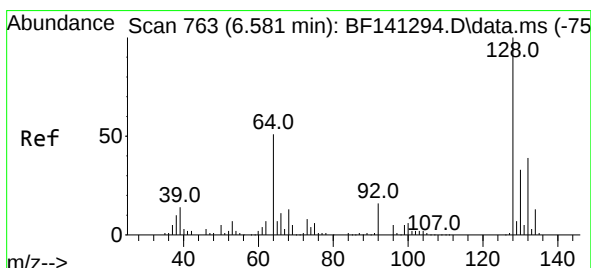
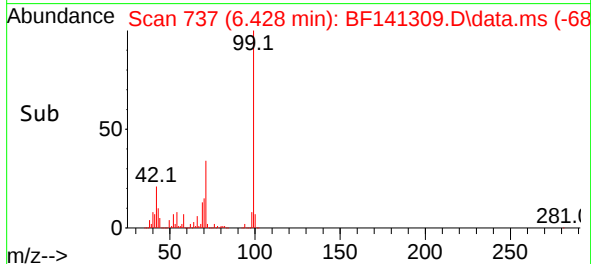
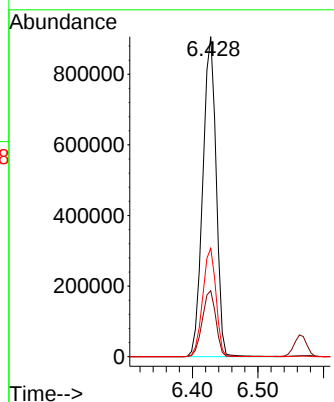
#7
Phenol-d6
Concen: 109.337 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 99 Resp: 1288439

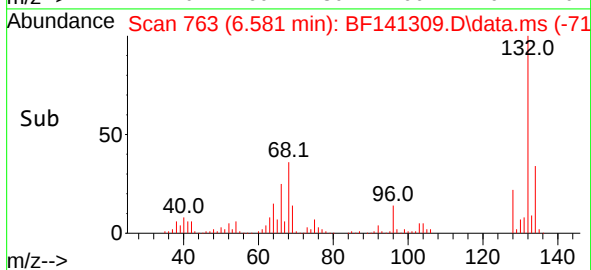
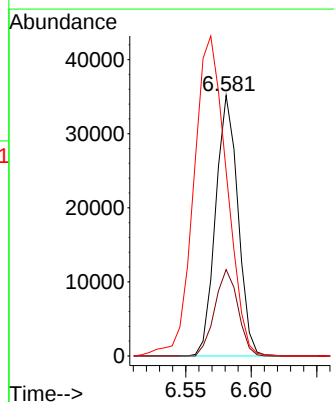
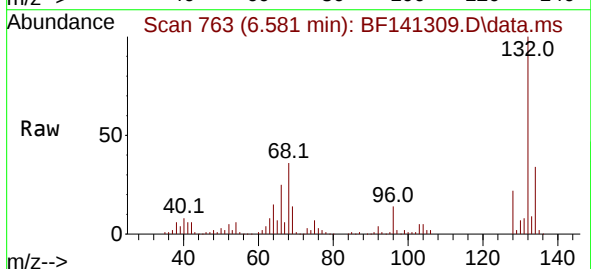
Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.1	25.7
71	33.9	26.9	40.3

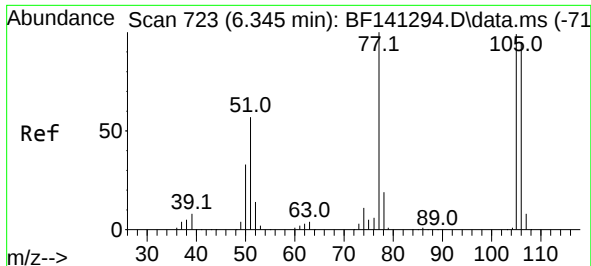


#8
2-Chlorophenol
Concen: 4.181 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:128 Resp: 41512

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.5	52.5
64	70.9	32.9	72.9

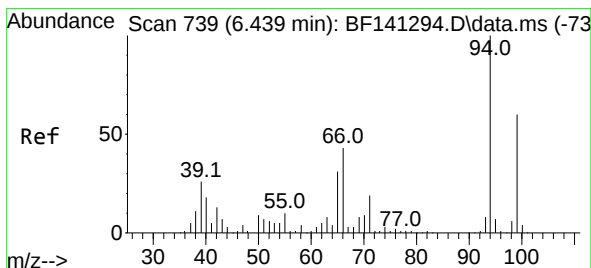
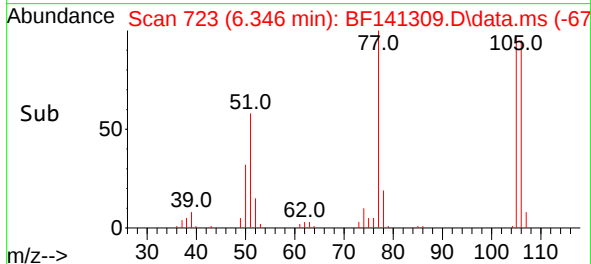
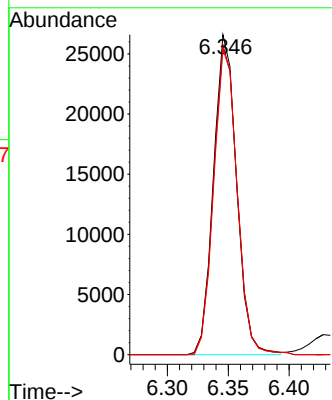
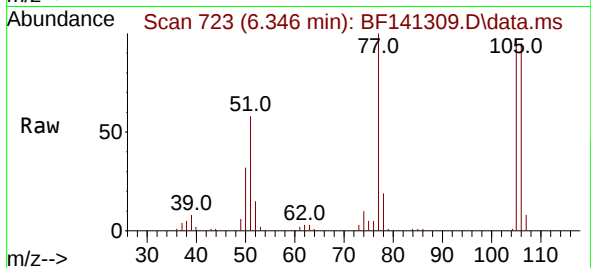




#9
Benzaldehyde
Concen: 5.136 ng
RT: 6.346 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

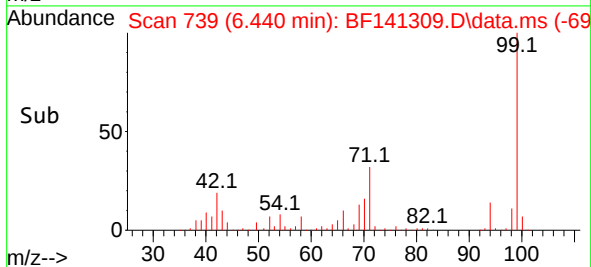
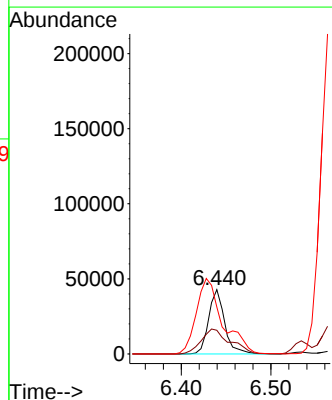
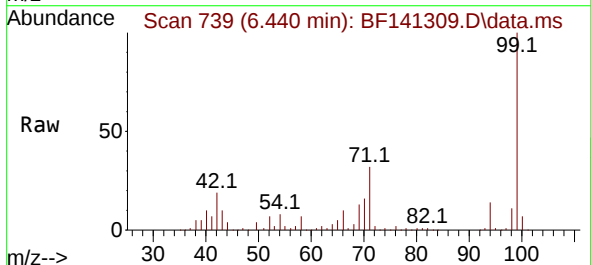
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

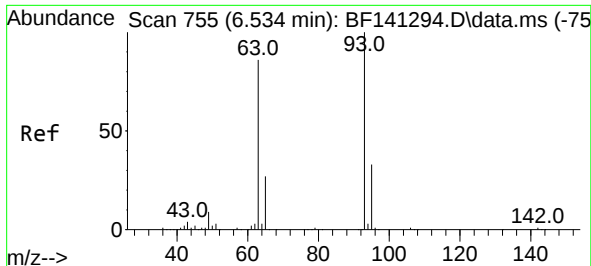
Tgt Ion: 77 Resp: 35058
Ion Ratio Lower Upper
77 100
105 96.8 79.4 119.4
106 95.5 74.6 114.6



#10
Phenol
Concen: 4.246 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion: 94 Resp: 53043
Ion Ratio Lower Upper
94 100
65 36.8 10.8 50.8
66 72.8 23.3 63.3#





#11

bis(2-Chloroethyl)ether

Concen: 4.153 ng

RT: 6.534 min Scan# 755

Delta R.T. -0.012 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

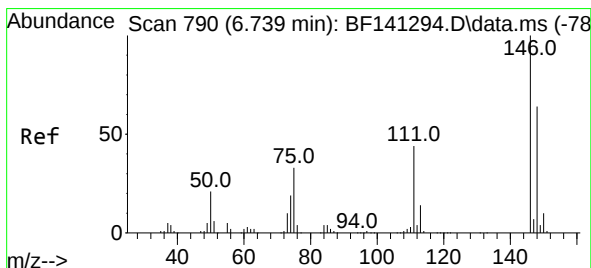
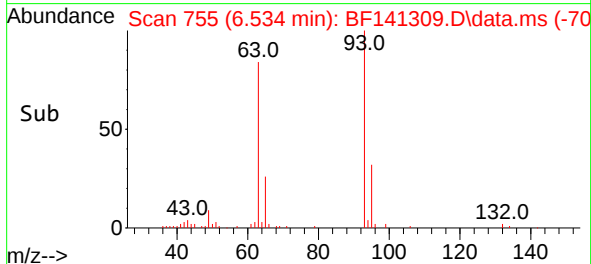
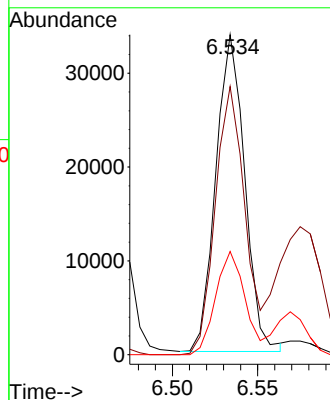
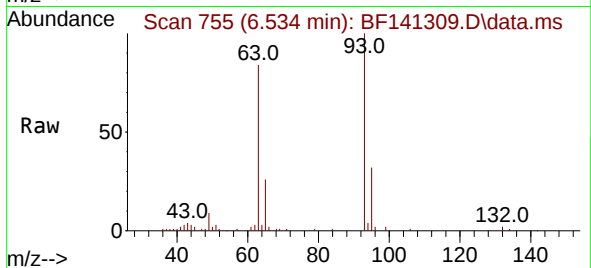
Tgt Ion: 93 Resp: 39773

Ion Ratio Lower Upper

93 100

63 83.8 65.0 105.0

95 32.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 4.181 ng

RT: 6.740 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

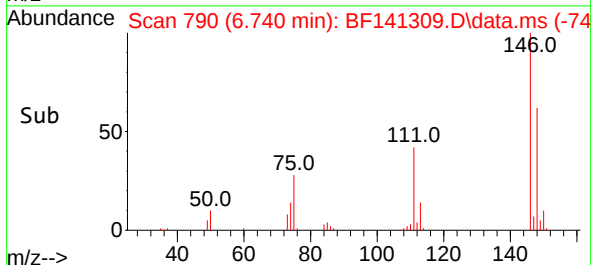
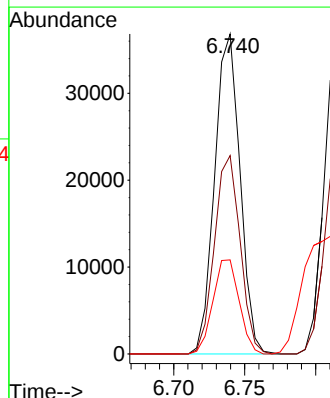
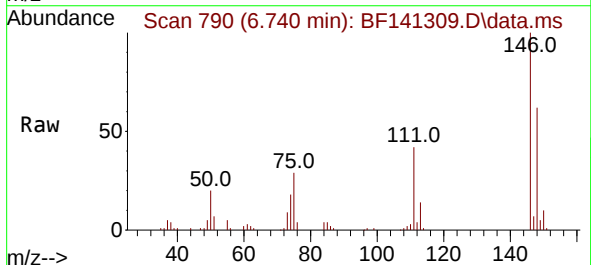
Tgt Ion: 146 Resp: 45773

Ion Ratio Lower Upper

146 100

148 62.0 51.2 76.8

75 29.4 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 4.110 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

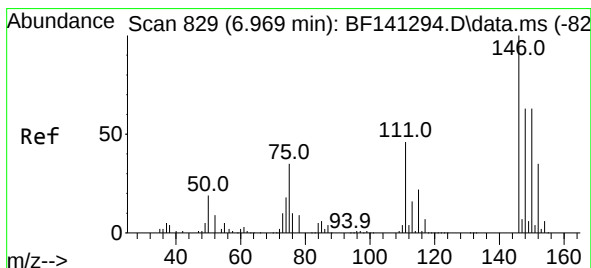
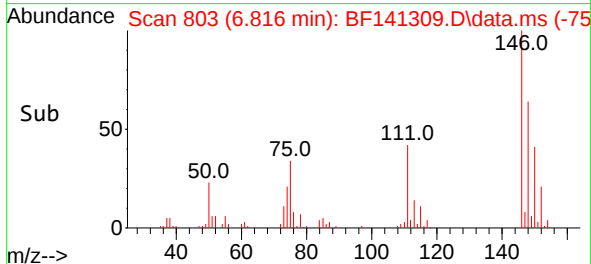
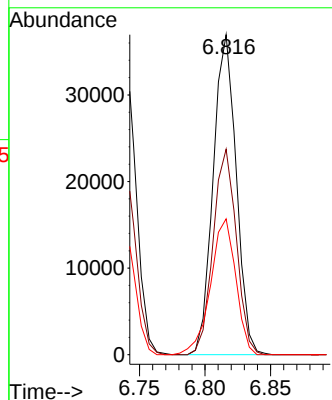
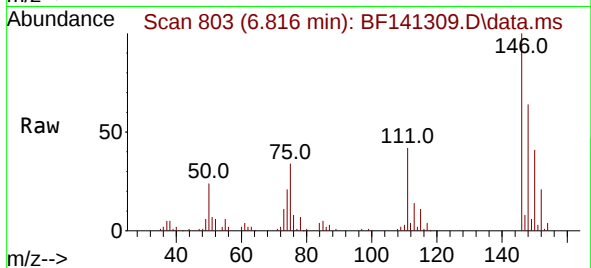
Tgt Ion:146 Resp: 45198

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

111 42.5 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 4.120 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

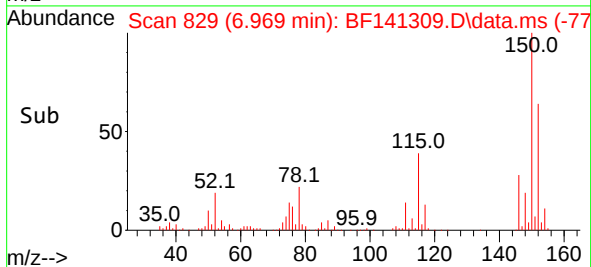
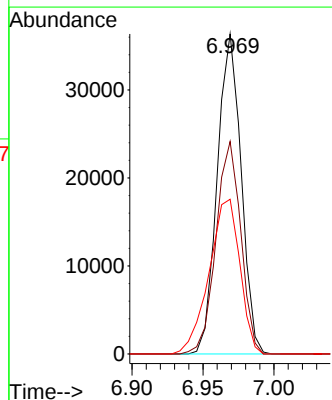
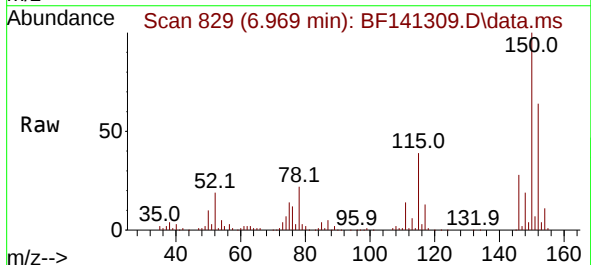
Tgt Ion:146 Resp: 42428

Ion Ratio Lower Upper

146 100

148 66.4 50.5 75.7

111 48.4 36.6 55.0

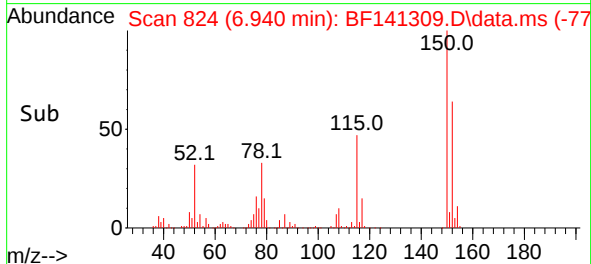
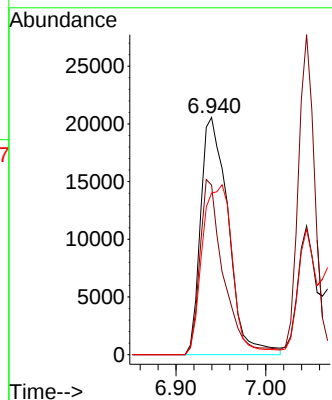
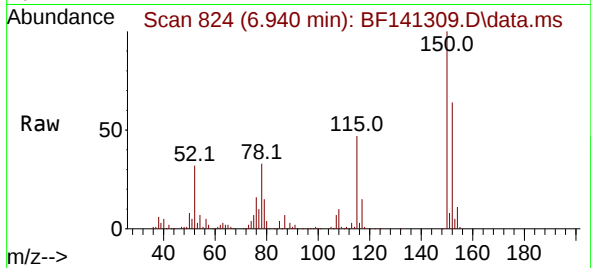




#15
Benzyl Alcohol
Concen: 5.449 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

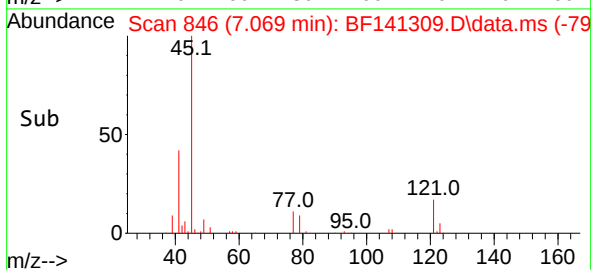
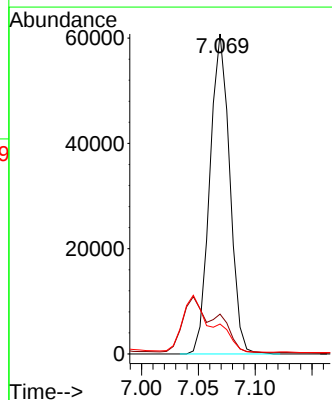
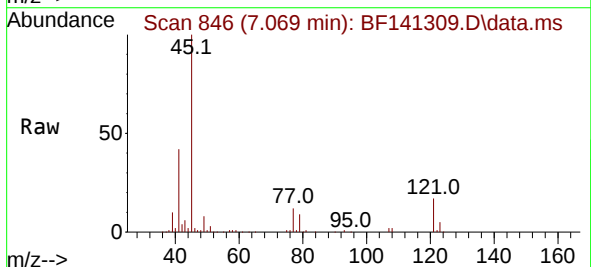
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

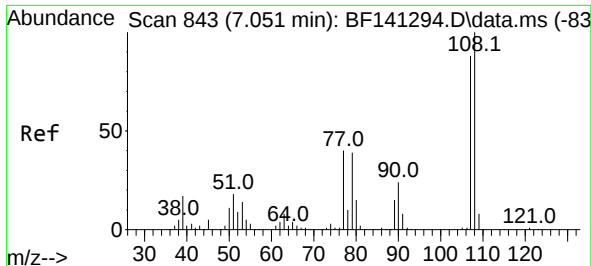
Tgt Ion: 79 Resp: 43885
Ion Ratio Lower Upper
79 100
108 71.5 61.4 92.0
77 68.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.444 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion: 45 Resp: 74021
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.8
79 9.4 0.0 29.1

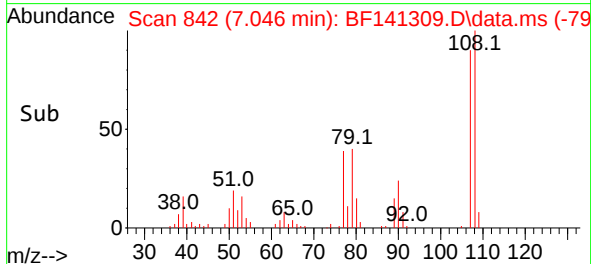
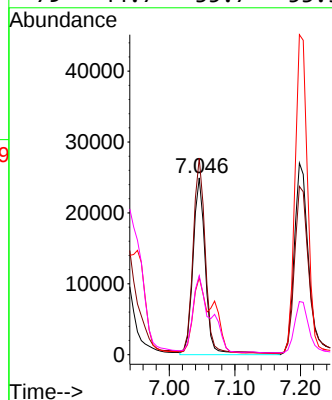
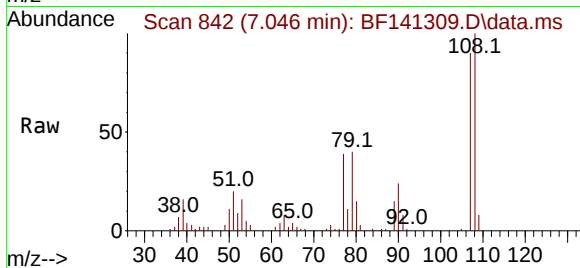




#17
2-Methylphenol
Concen: 4.105 ng
RT: 7.046 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

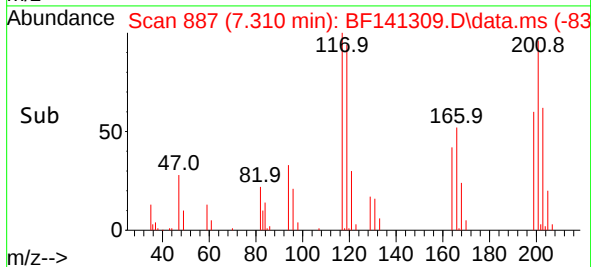
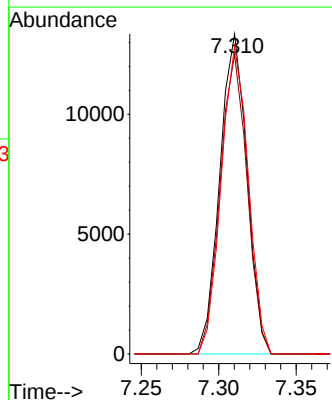
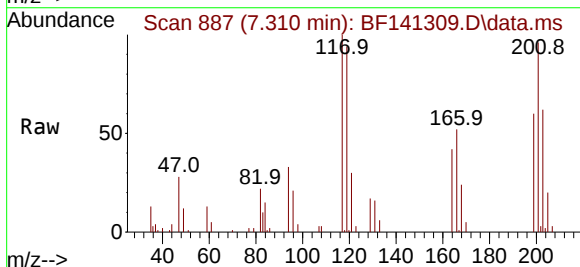
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:	107	Resp:	33123
Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.8	136.2
77	43.6	36.2	54.4
79	44.7	35.7	53.5



#18
Hexachloroethane
Concen: 4.033 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:	117	Resp:	16361
Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.6	114.8
201	96.2	74.8	112.2

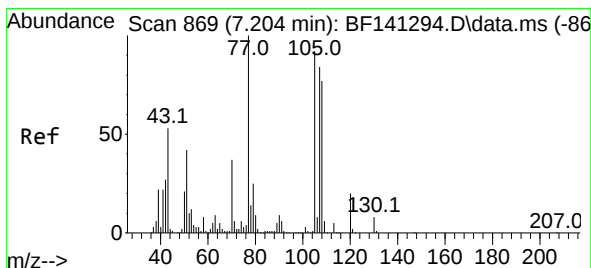
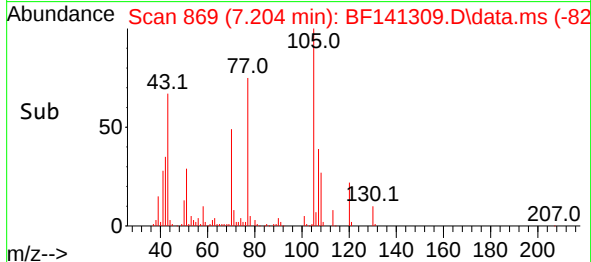
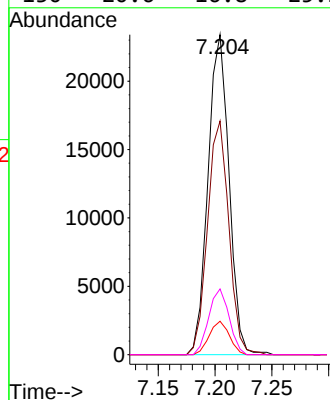
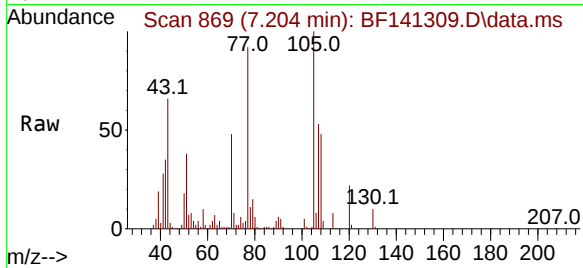




#19
n-Nitroso-di-n-propylamine
Concen: 4.302 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.024 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

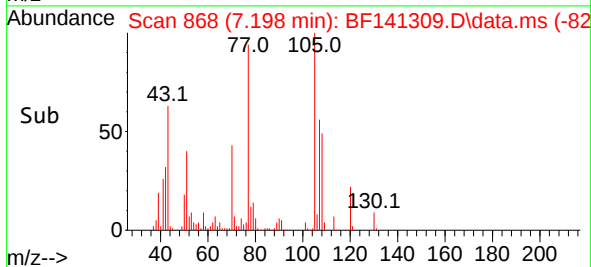
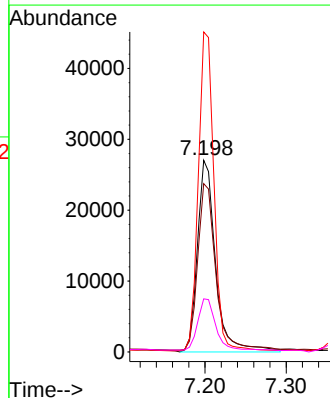
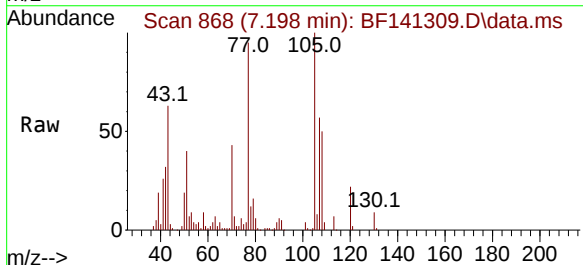
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

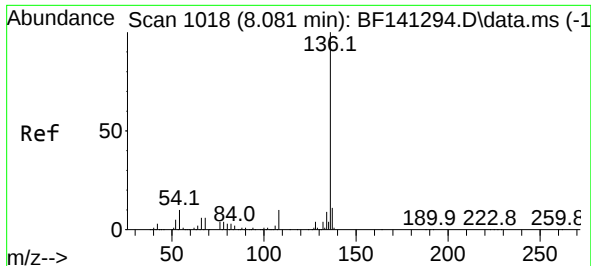
Tgt Ion:	70	Resp:	30124
Ion	Ratio	Lower	Upper
70	100		
42	73.0	56.8	85.2
101	10.4	7.7	11.5
130	20.6	16.8	25.2



#20
3+4-Methylphenols
Concen: 4.276 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:	107	Resp:	42370
Ion	Ratio	Lower	Upper
107	100		
108	87.8	70.9	110.9
77	167.0	98.5	138.5#
79	27.8	9.5	49.5

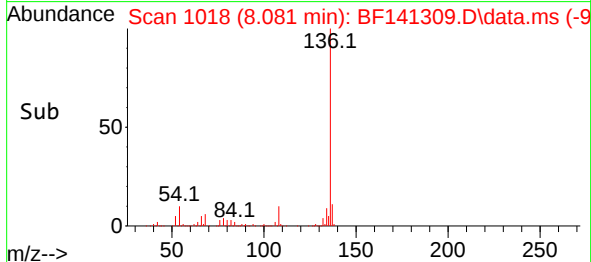
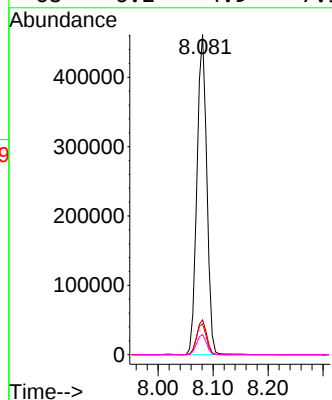
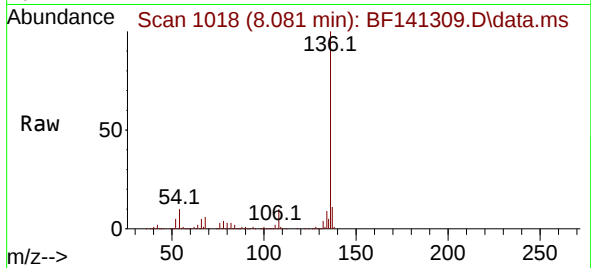




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

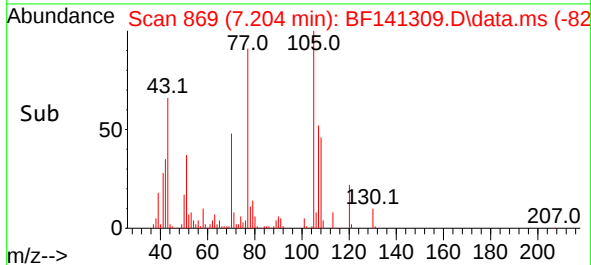
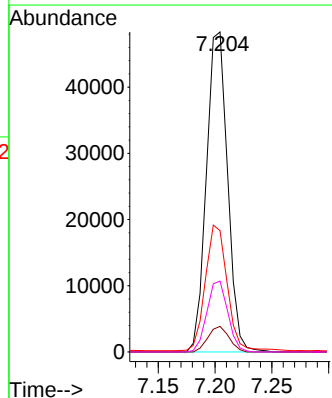
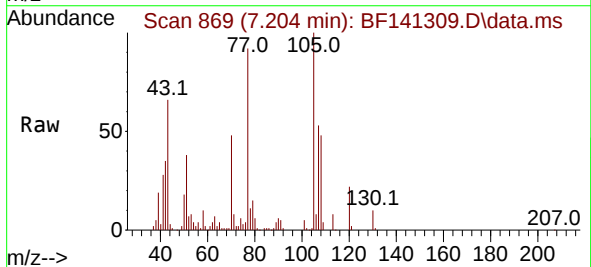
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

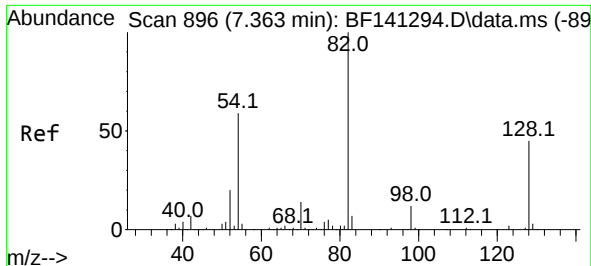
Tgt	Ion:136	Resp:	573950
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.6	7.8	11.8
68	6.2	4.9	7.3



#22
Acetophenone
Concen: 4.594 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt	Ion:105	Resp:	62678
Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.8	10.2
51	37.9	32.6	49.0
120	22.2	17.4	26.0





#23

Nitrobenzene-d5

Concen: 79.959 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

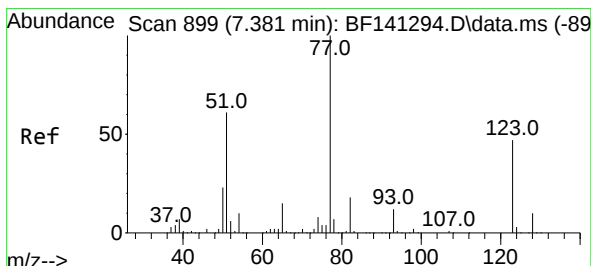
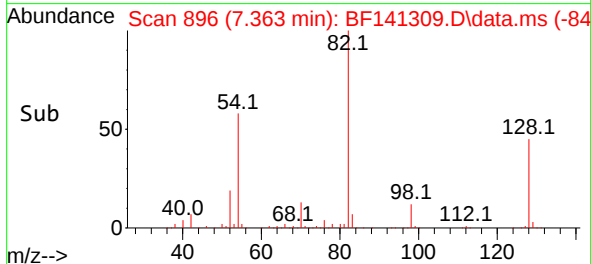
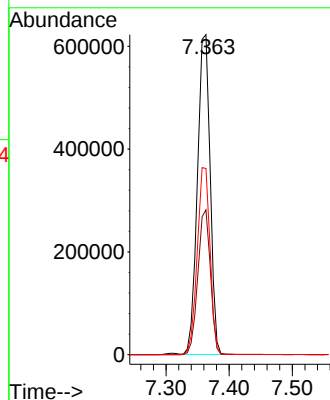
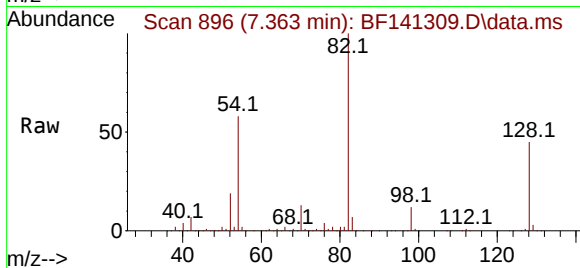
Tgt Ion: 82 Resp: 870556

Ion Ratio Lower Upper

82 100

128 45.3 35.7 53.5

54 58.2 47.1 70.7



#24

Nitrobenzene

Concen: 4.218 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

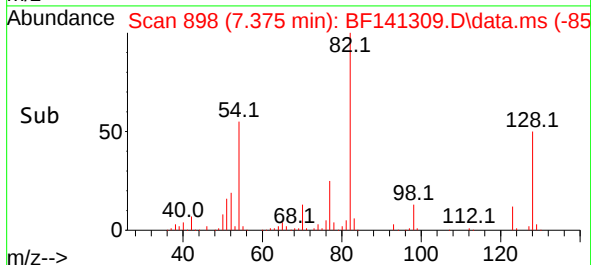
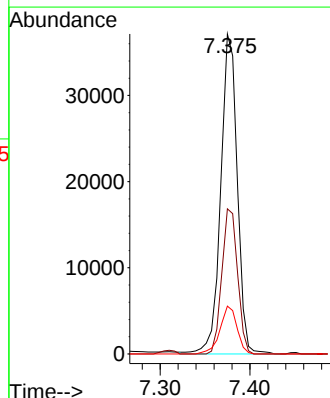
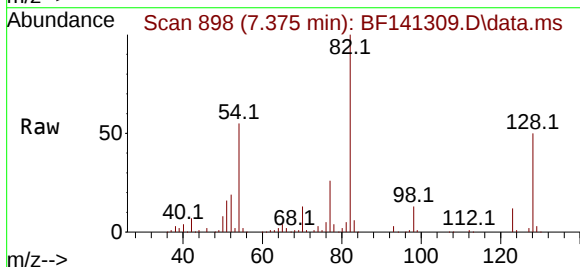
Tgt Ion: 77 Resp: 47590

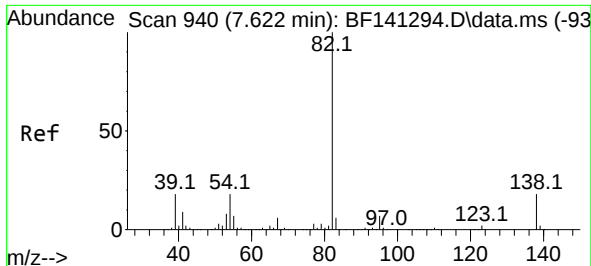
Ion Ratio Lower Upper

77 100

123 45.3 37.3 55.9

65 15.0 11.8 17.6

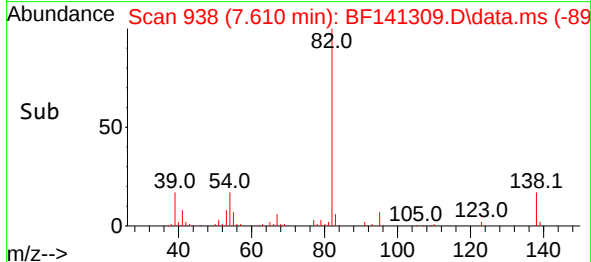
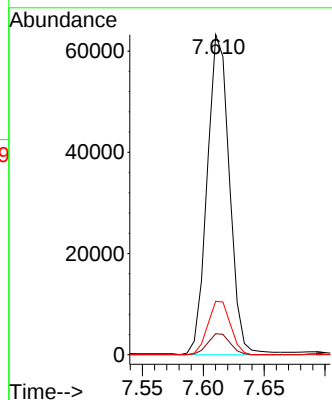
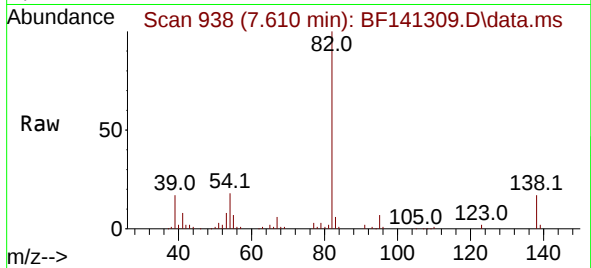




#25
Isophorone
Concen: 4.282 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

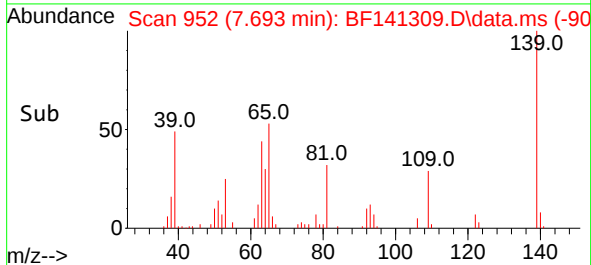
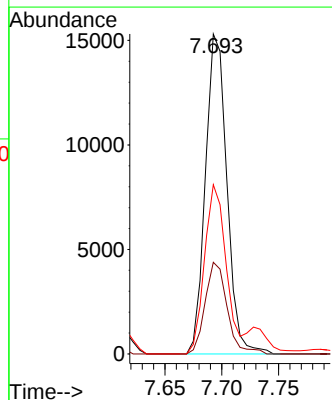
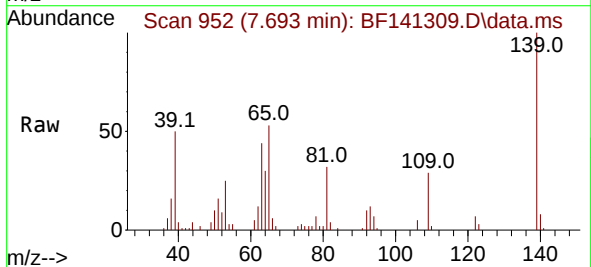
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 82 Resp: 80594
Ion Ratio Lower Upper
82 100
95 6.5 5.8 8.6
138 16.7 14.7 22.1



#26
2-Nitrophenol
Concen: 3.787 ng
RT: 7.693 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:139 Resp: 20153
Ion Ratio Lower Upper
139 100
109 28.7 23.8 35.6
65 52.9 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 2.236 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141309.D

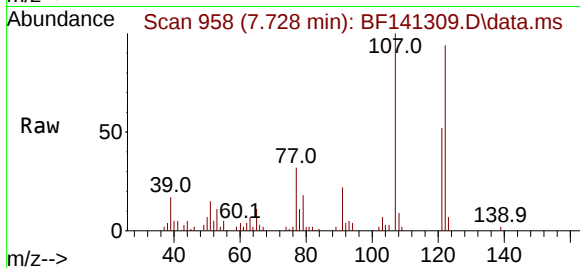
Acq: 30 Jan 2025 13:13

Instrument :

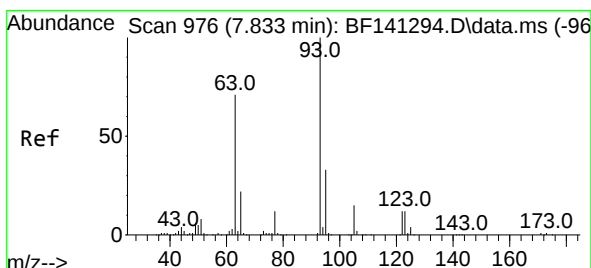
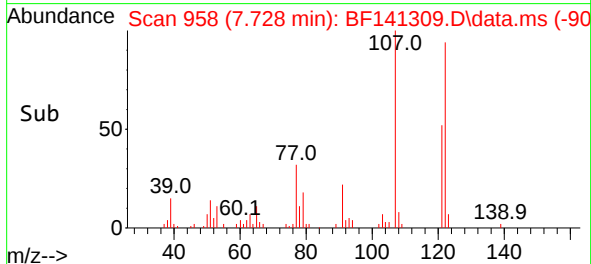
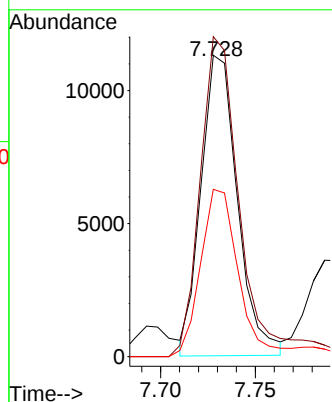
BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:	122	Resp:	15143
Ion	Ratio	Lower	Upper
122	100		
107	106.1	89.9	134.9
121	55.5	46.1	69.1



#28

bis(2-Chloroethoxy)methane

Concen: 4.231 ng

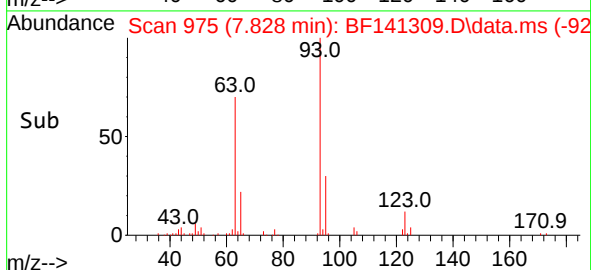
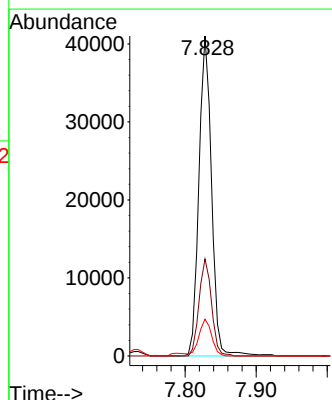
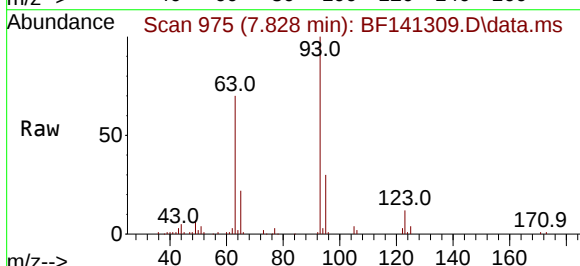
RT: 7.828 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Tgt Ion:	93	Resp:	50789
Ion	Ratio	Lower	Upper
93	100		
95	30.3	26.2	39.2
123	11.5	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 3.965 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

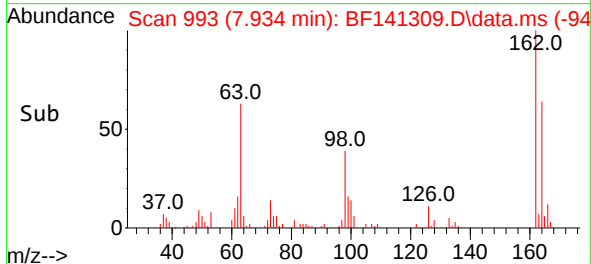
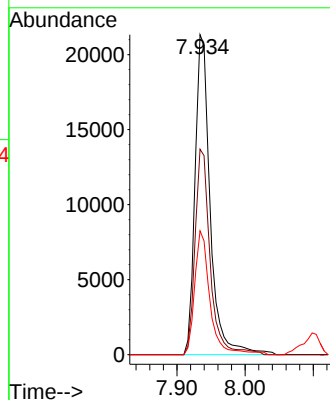
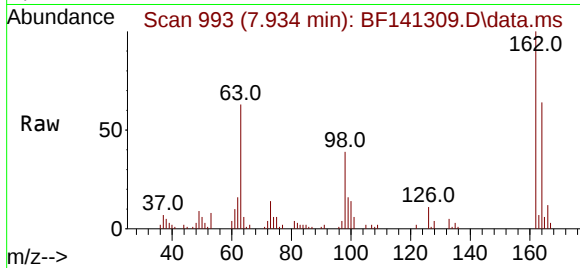
Tgt Ion:162 Resp: 32876

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

98 38.7 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 4.086 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

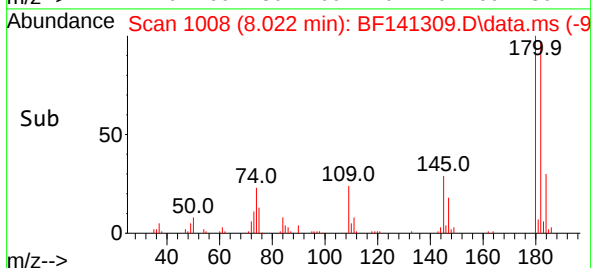
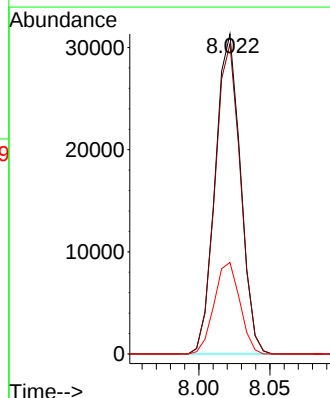
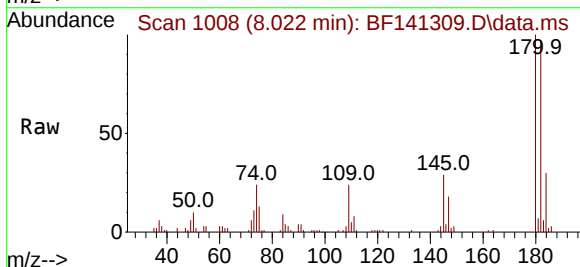
Tgt Ion:180 Resp: 38690

Ion Ratio Lower Upper

180 100

182 96.9 76.4 114.6

145 28.6 24.9 37.3

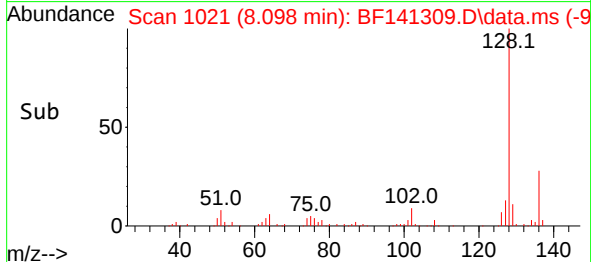
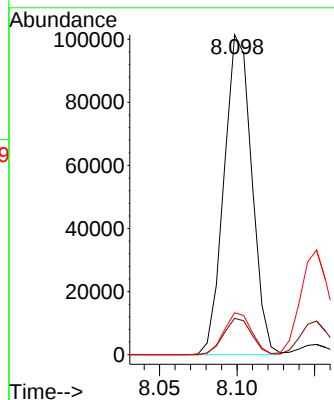
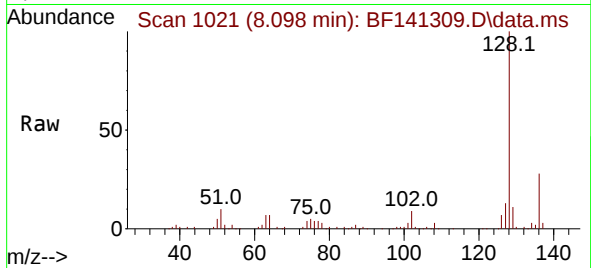




#31
Naphthalene
Concen: 4.162 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

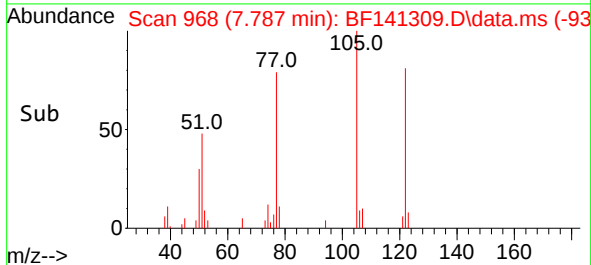
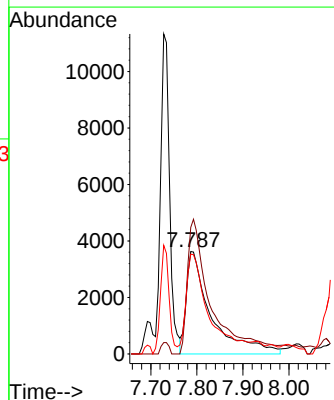
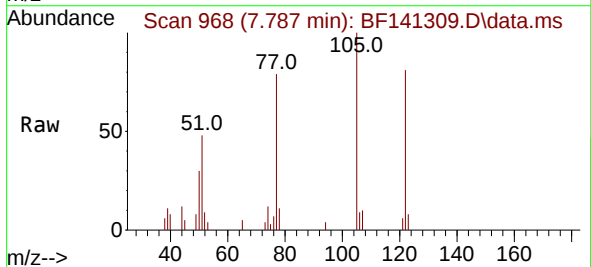
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:128 Resp: 126186
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 2.191 ng
RT: 7.787 min Scan# 968
Delta R.T. -0.094 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:122 Resp: 13640
Ion Ratio Lower Upper
122 100
105 123.7 103.4 143.4
77 97.6 70.9 110.9





#33

4-Chloroaniline

Concen: 4.490 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:127 Resp: 46161

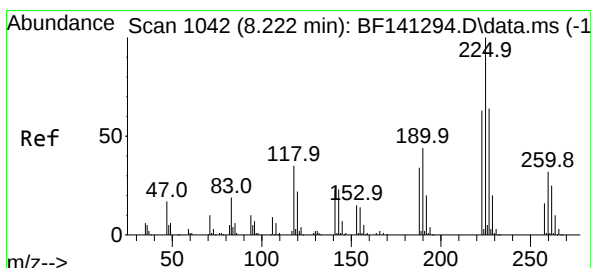
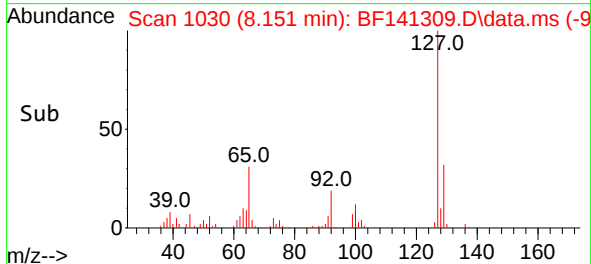
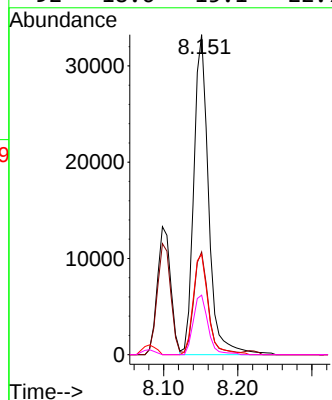
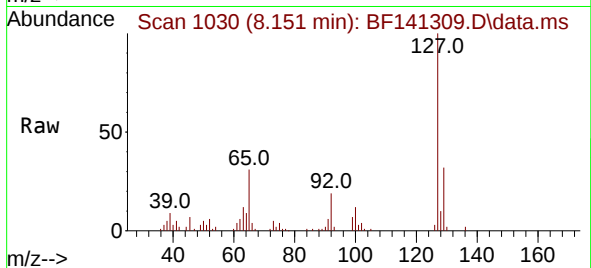
Ion Ratio Lower Upper

127 100

129 32.1 25.7 38.5

65 31.3 26.4 39.6

92 18.6 15.1 22.7



#34

Hexachlorobutadiene

Concen: 3.907 ng

RT: 8.222 min Scan# 1042

Delta R.T. 0.000 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

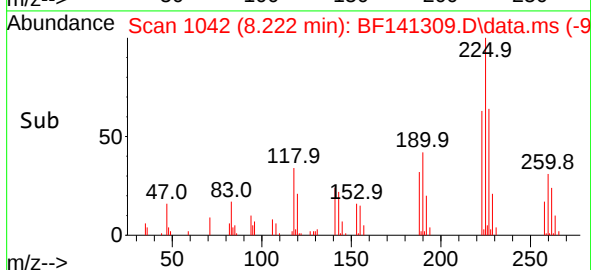
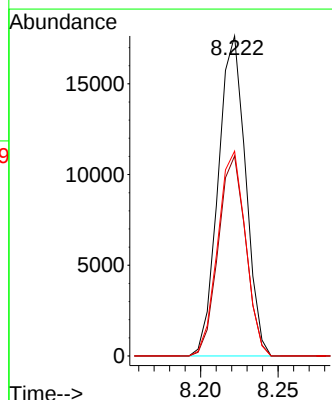
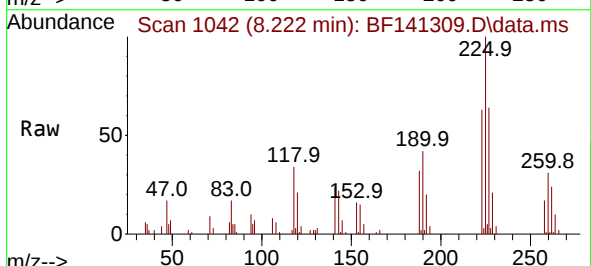
Tgt Ion:225 Resp: 21698

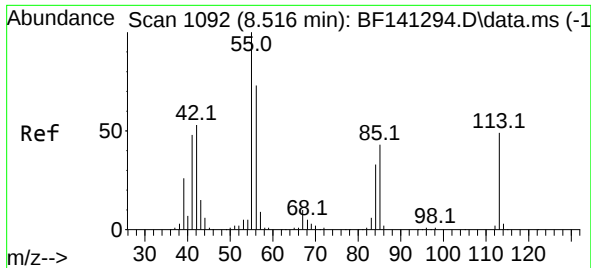
Ion Ratio Lower Upper

225 100

223 62.5 50.4 75.6

227 64.0 51.3 76.9

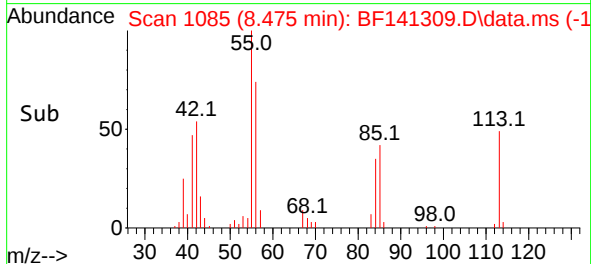
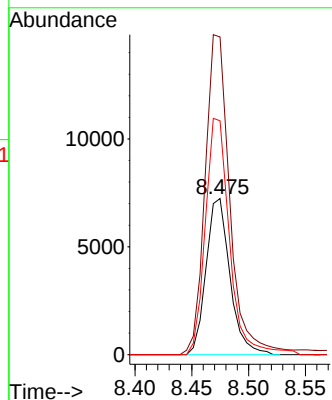
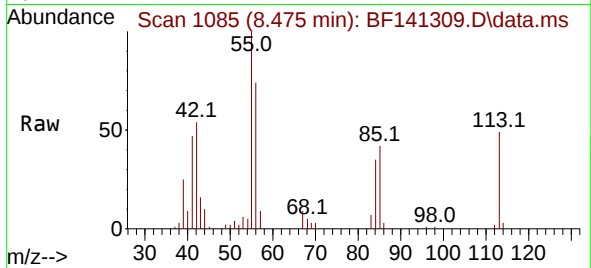




#35
 Caprolactam
 Concen: 3.909 ng
 RT: 8.475 min Scan# 1108
 Delta R.T. -0.071 min
 Lab File: BF141309.D
 Acq: 30 Jan 2025 13:13

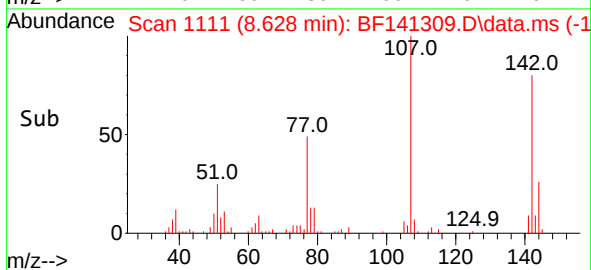
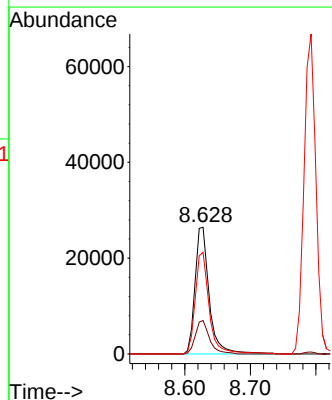
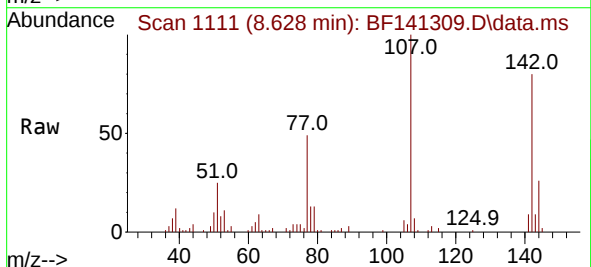
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Tgt Ion:113 Resp: 10586
 Ion Ratio Lower Upper
 113 100
 55 203.5 182.9 222.9
 56 149.8 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 4.511 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF141309.D
 Acq: 30 Jan 2025 13:13

Tgt Ion:107 Resp: 40121
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.7 31.1
 142 80.2 63.8 95.8

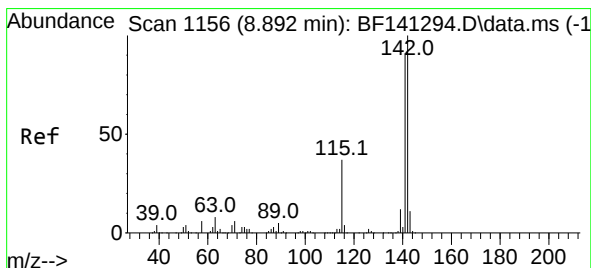
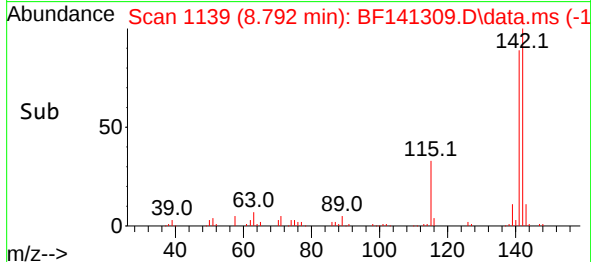
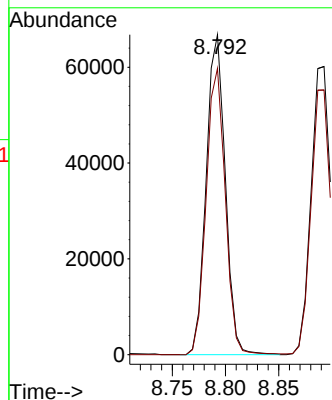
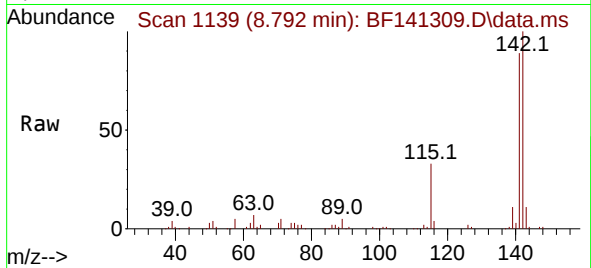




#37
2-Methylnaphthalene
Concen: 4.331 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

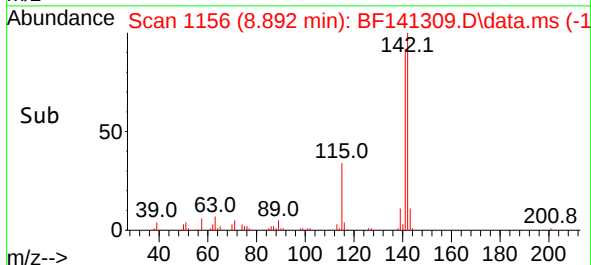
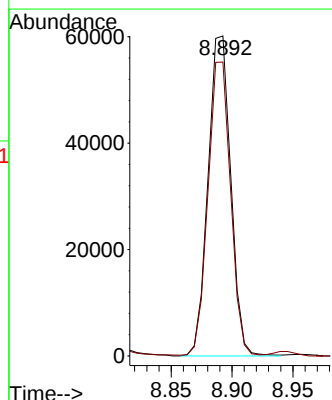
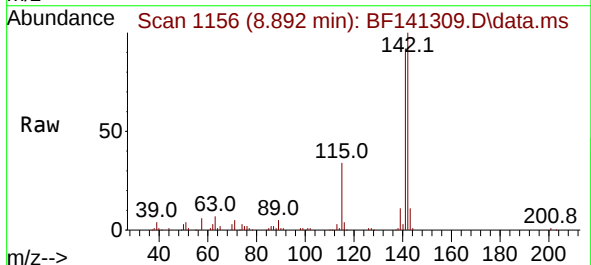
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:142 Resp: 83472
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9



#38
1-Methylnaphthalene
Concen: 4.120 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:142 Resp: 77993
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8

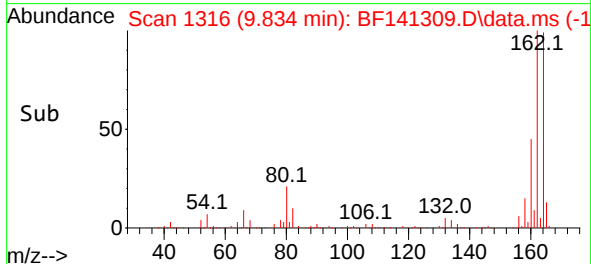
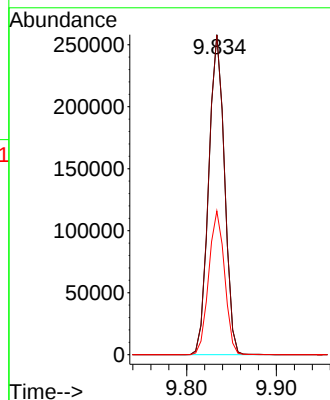
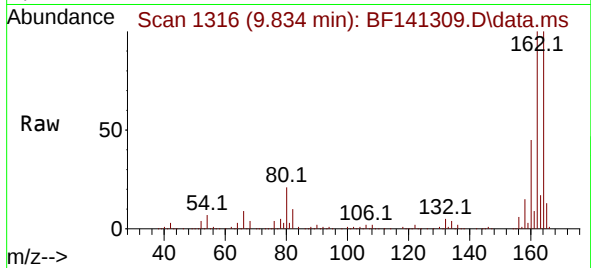




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

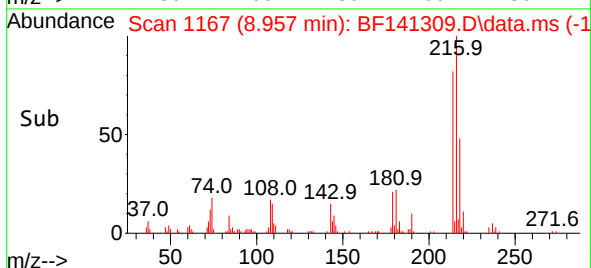
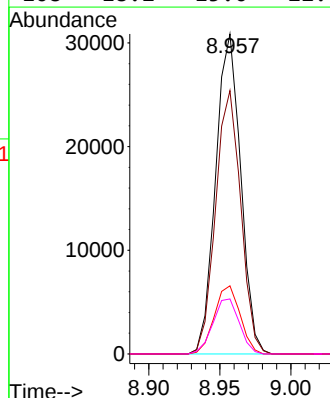
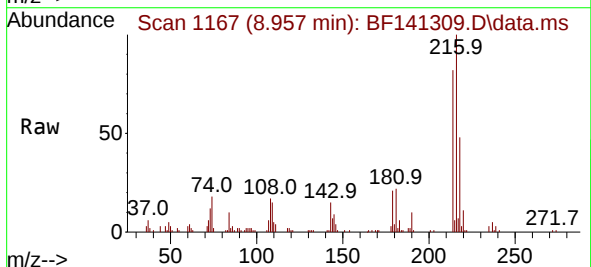
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:164 Resp: 313777
Ion Ratio Lower Upper
164 100
162 99.9 80.6 121.0
160 44.9 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.236 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:216 Resp: 37811
Ion Ratio Lower Upper
216 100
214 82.7 63.2 94.8
179 22.0 17.8 26.8
108 18.2 15.0 22.6

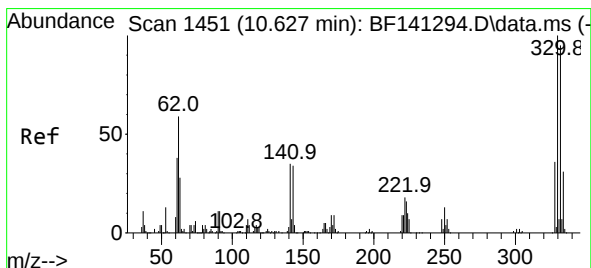
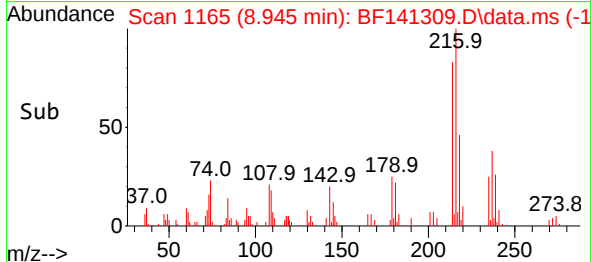
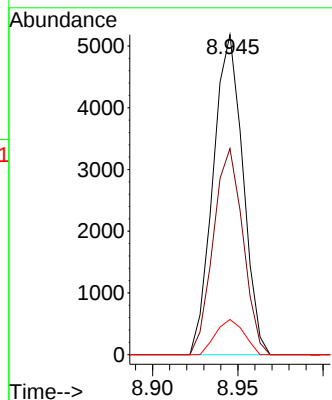
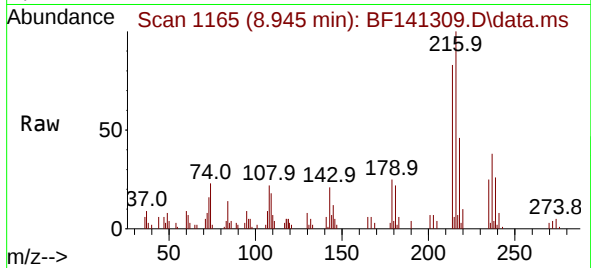




#41
Hexachlorocyclopentadiene
Concen: 2.390 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

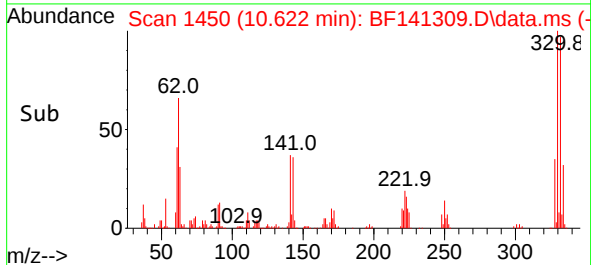
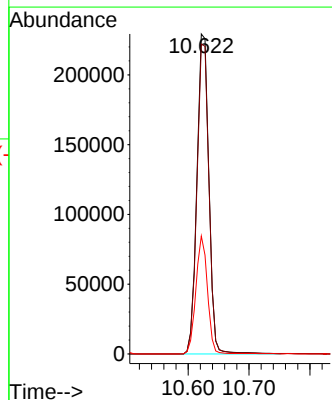
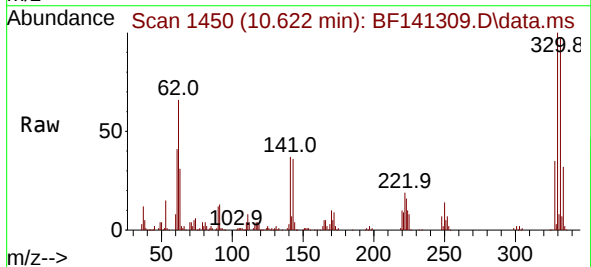
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:237	Resp:	6300
Ion	Ratio	Lower Upper
237	100	
235	64.4	42.9 82.9
272	11.0	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 109.097 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:330	Resp:	313830
Ion	Ratio	Lower Upper
330	100	
332	97.2	76.1 114.1
141	35.5	28.8 43.2

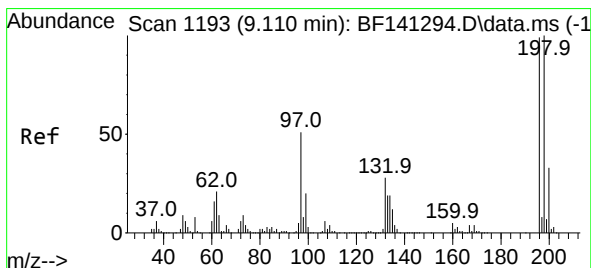
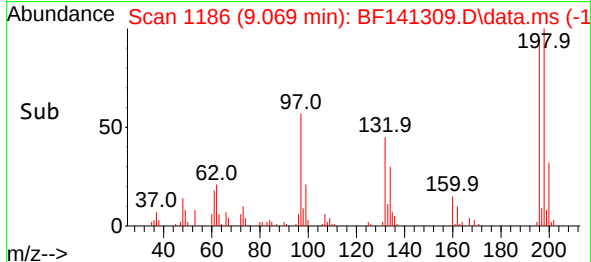
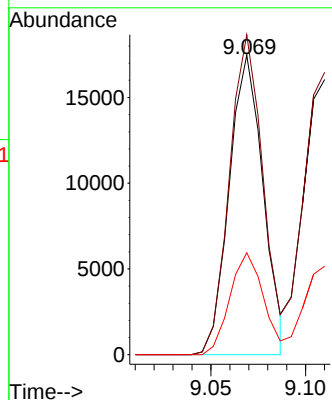
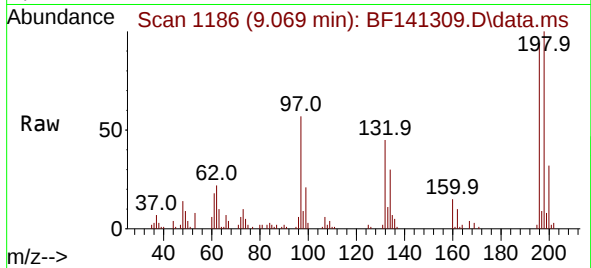




#43
2,4,6-Trichlorophenol
Concen: 3.727 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

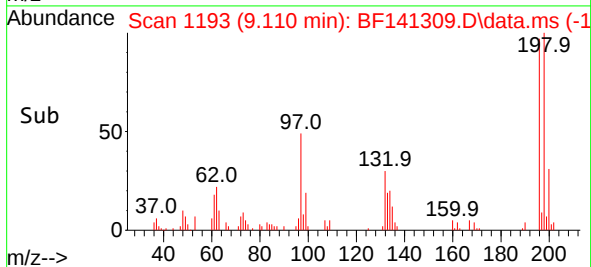
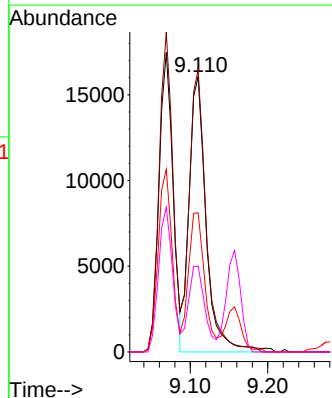
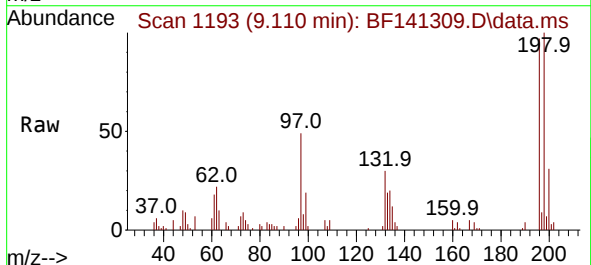
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

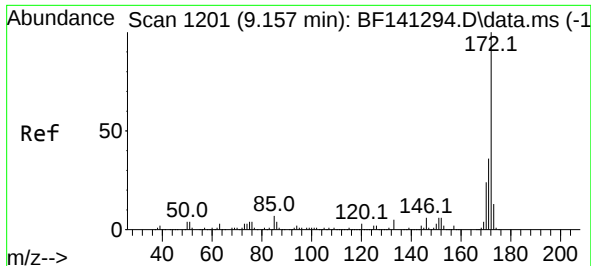
Tgt Ion:196 Resp: 21777
Ion Ratio Lower Upper
196 100
198 106.8 81.8 122.6
200 34.0 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 3.863 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:196 Resp: 24568
Ion Ratio Lower Upper
196 100
198 102.6 80.5 120.7
97 50.6 42.8 64.2
132 31.3 23.5 35.3

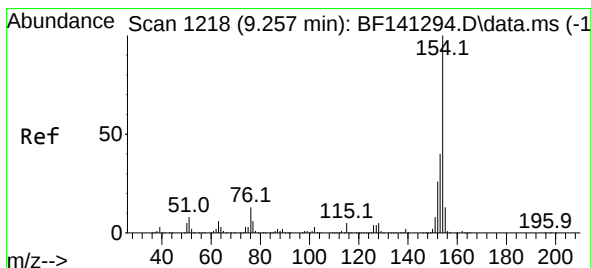
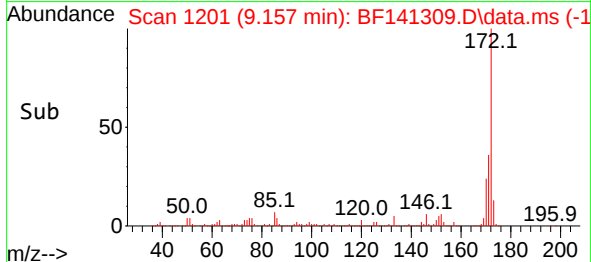
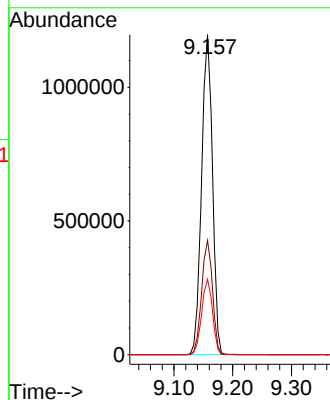
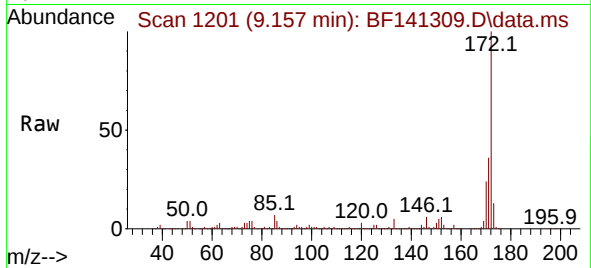




#45
2-Fluorobiphenyl
Concen: 75.460 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

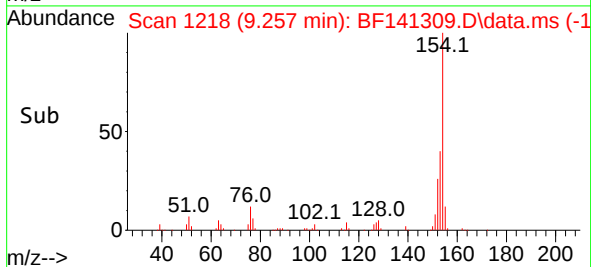
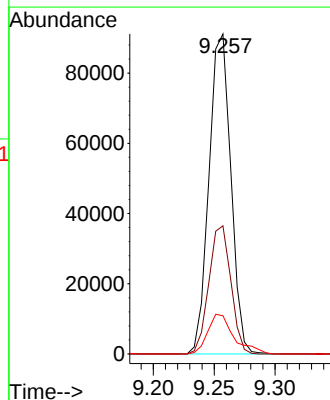
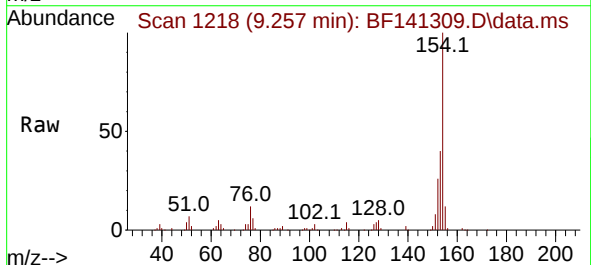
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

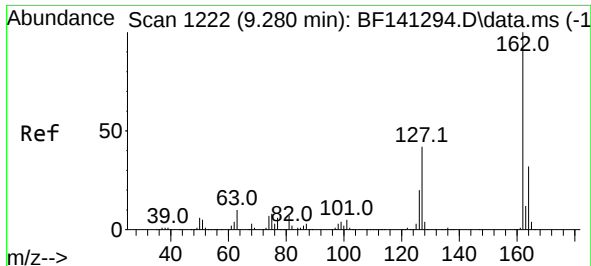
Tgt Ion:172 Resp: 1538315
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 4.654 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:154 Resp: 113877
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 12.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 4.124 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

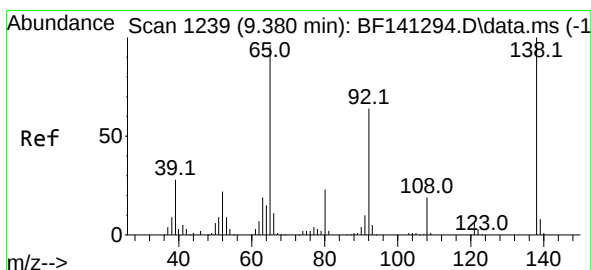
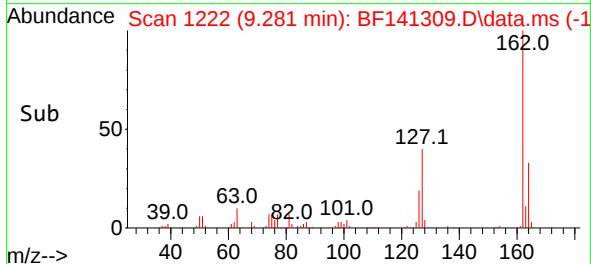
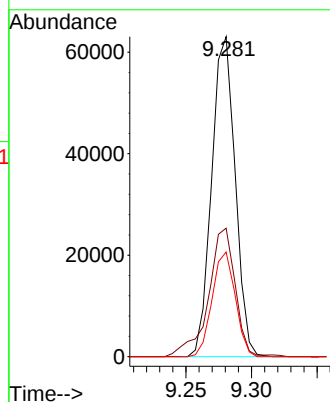
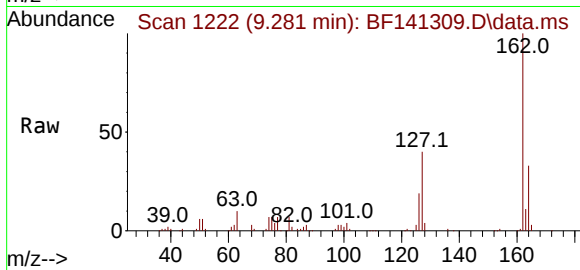
Tgt Ion:162 Resp: 78665

Ion Ratio Lower Upper

162 100

127 40.2 33.7 50.5

164 32.7 25.9 38.9



#48

2-Nitroaniline

Concen: 3.899 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

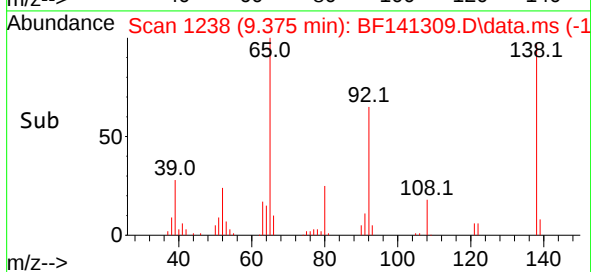
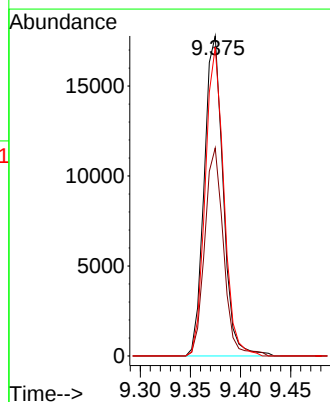
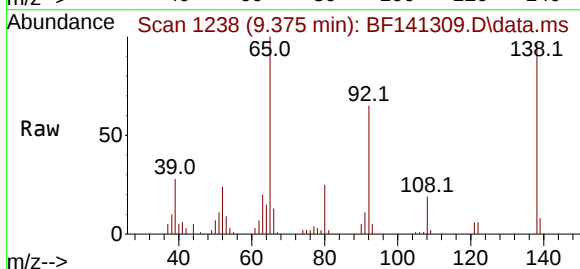
Tgt Ion: 65 Resp: 23393

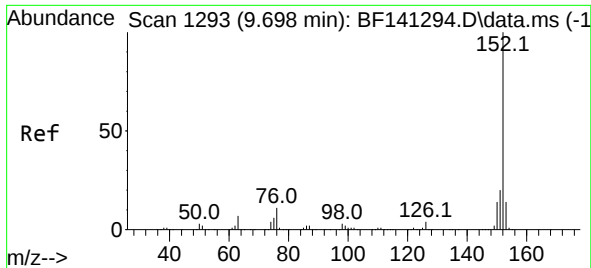
Ion Ratio Lower Upper

65 100

92 65.0 53.3 79.9

138 96.5 83.6 125.4

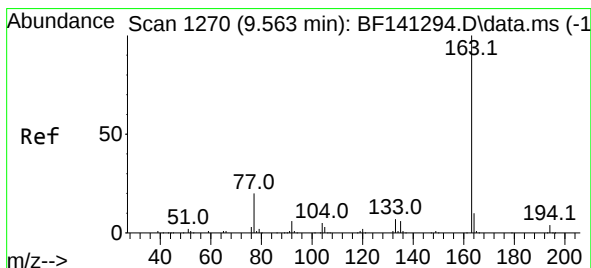
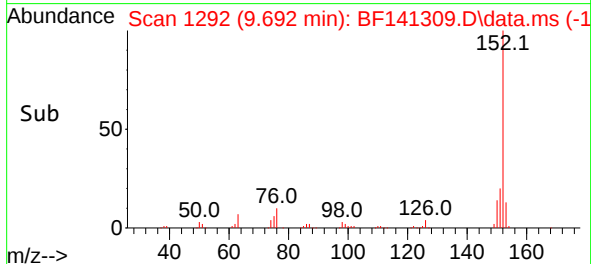
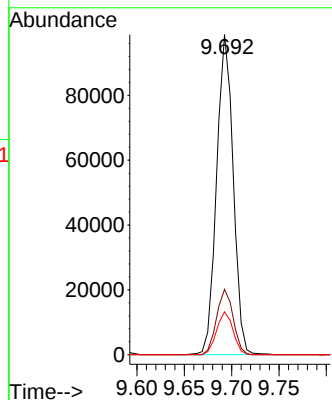
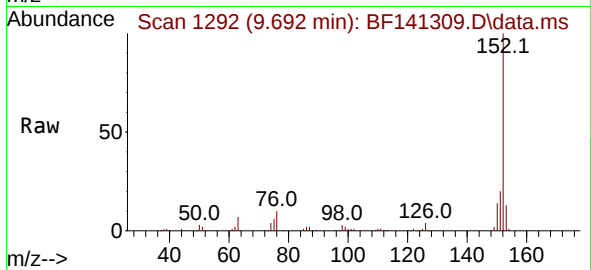




#49
Acenaphthylene
Concen: 4.506 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

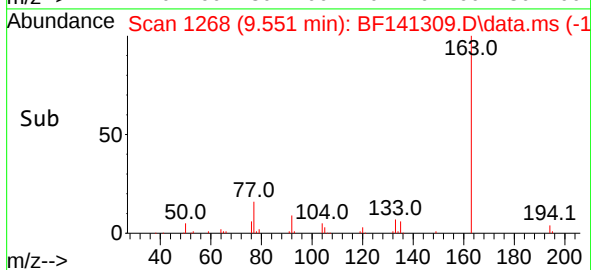
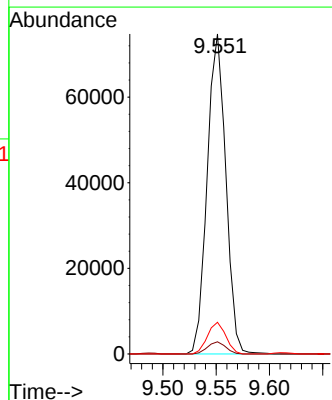
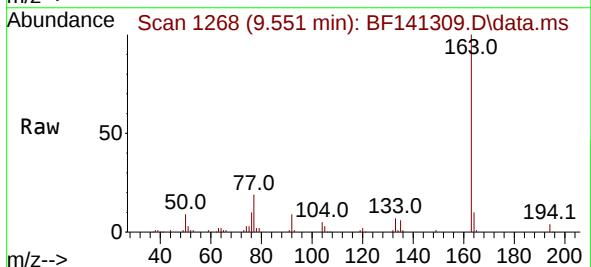
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

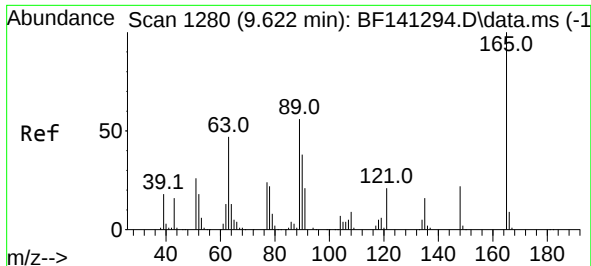
Tgt Ion:152 Resp: 120314
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.4 11.0 16.6



#50
Dimethylphthalate
Concen: 4.293 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:163 Resp: 90972
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.9 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 3.638 ng

RT: 9.610 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

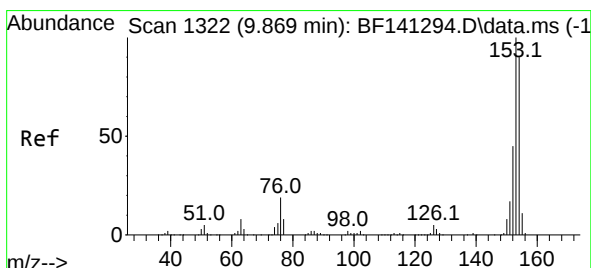
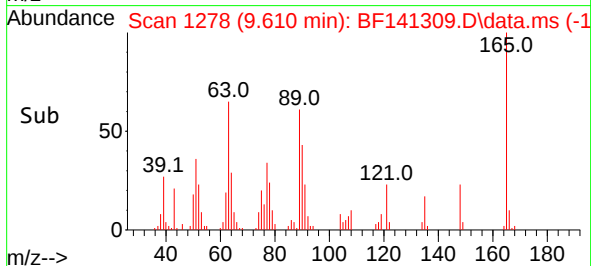
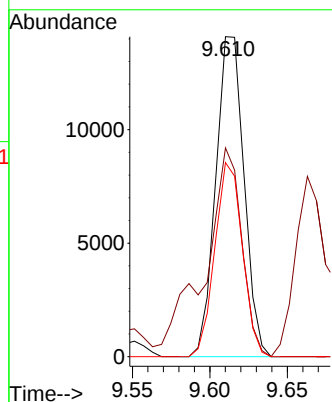
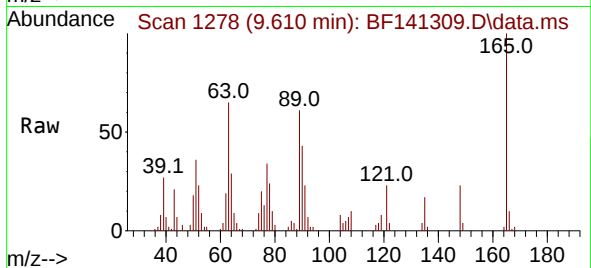
Tgt Ion:165 Resp: 17902

Ion Ratio Lower Upper

165 100

63 65.2 48.1 72.1

89 60.7 44.9 67.3



#52

Acenaphthene

Concen: 4.330 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.012 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

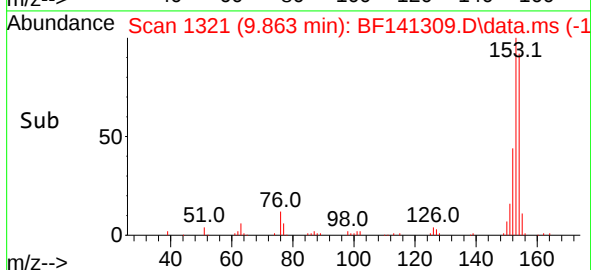
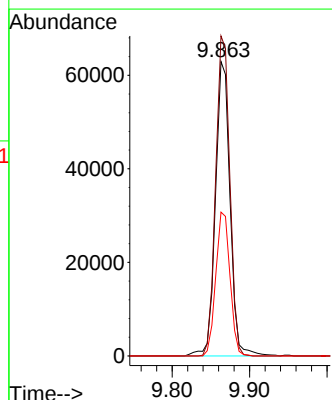
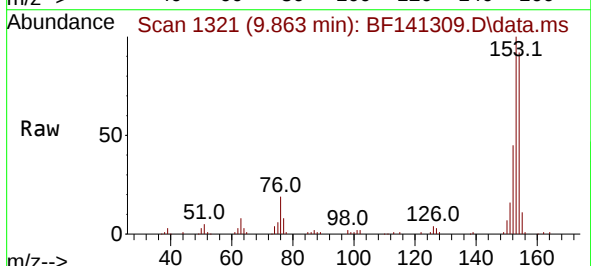
Tgt Ion:154 Resp: 82587

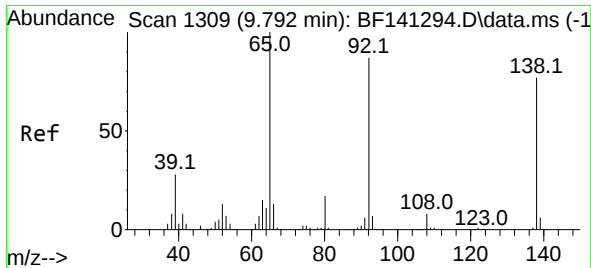
Ion Ratio Lower Upper

154 100

153 108.7 89.0 133.4

152 48.9 40.2 60.4

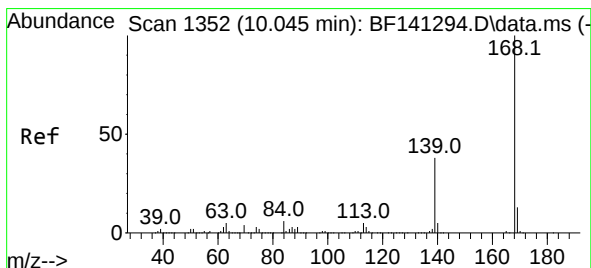
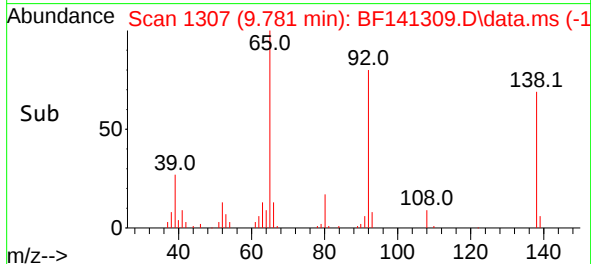
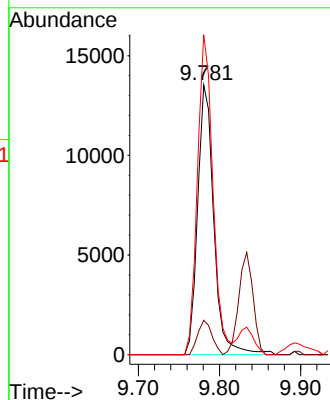
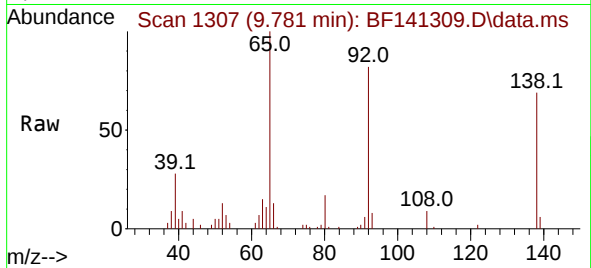




#53
3-Nitroaniline
Concen: 3.896 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

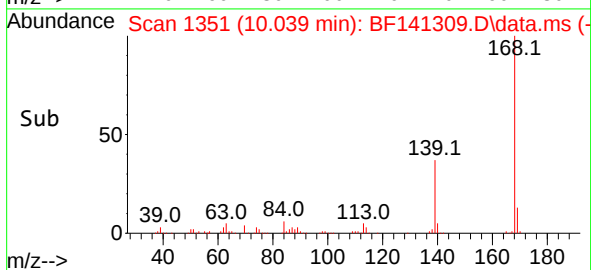
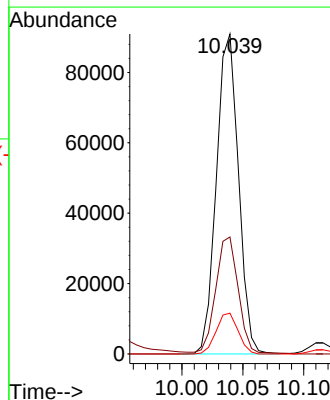
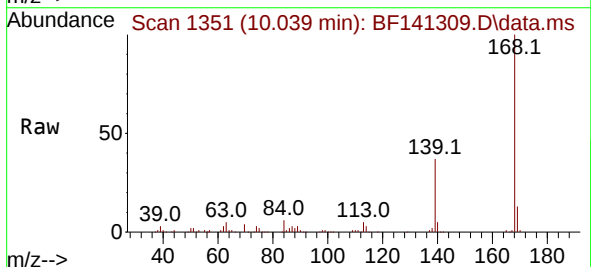
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

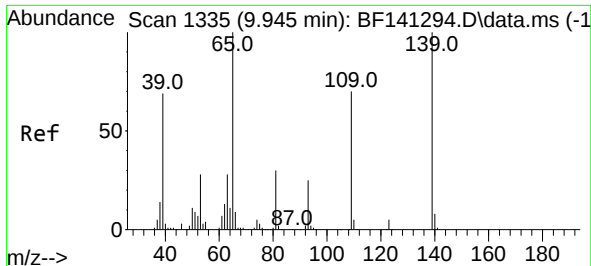
Tgt Ion:138 Resp: 18787
Ion Ratio Lower Upper
138 100
108 12.7 8.6 12.8
92 118.7 91.0 136.6



#55
Dibenzofuran
Concen: 4.495 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:168 Resp: 114767
Ion Ratio Lower Upper
168 100
139 36.6 30.6 46.0
169 12.8 10.8 16.2

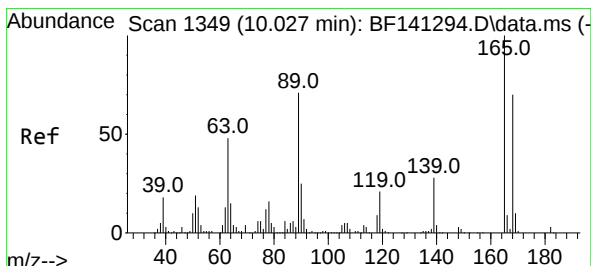
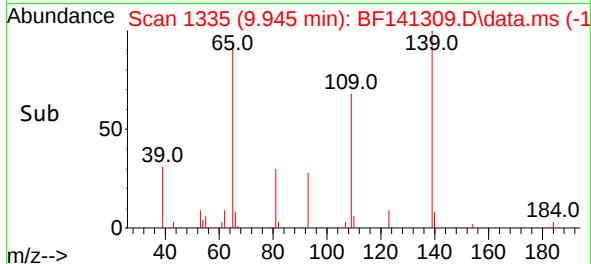
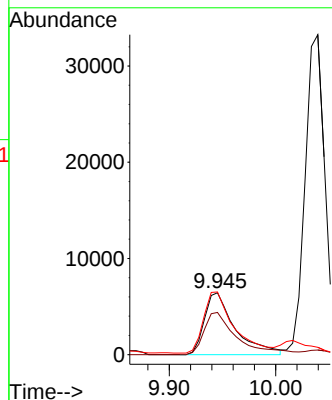
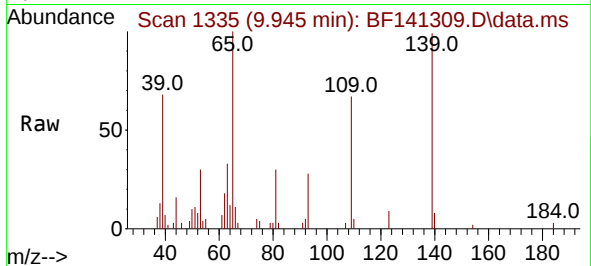




#56
4-Nitrophenol
Concen: 3.656 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

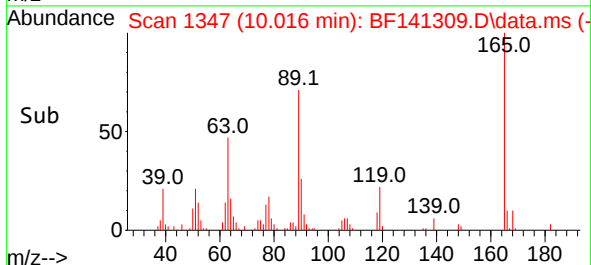
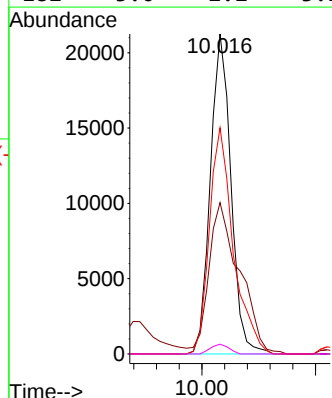
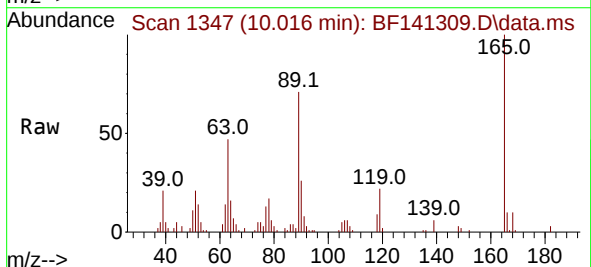
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

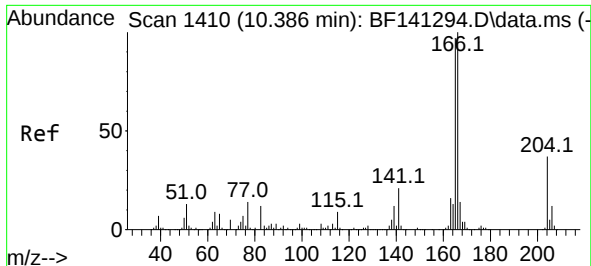
Tgt Ion:139 Resp: 12896
Ion Ratio Lower Upper
139 100
109 68.1 50.2 90.2
65 101.2 80.6 120.6



#57
2,4-Dinitrotoluene
Concen: 4.194 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:165 Resp: 26721
Ion Ratio Lower Upper
165 100
63 47.3 39.2 58.8
89 70.7 56.9 85.3
182 3.0 2.2 3.2

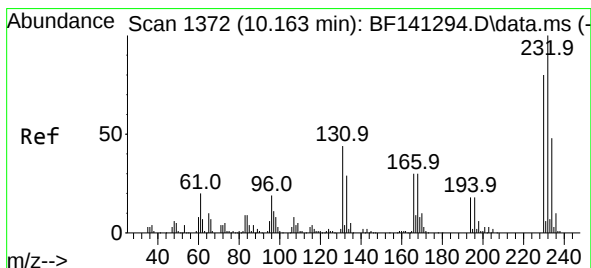
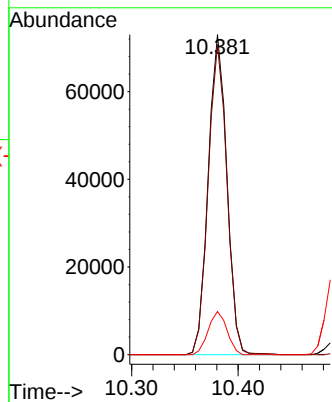
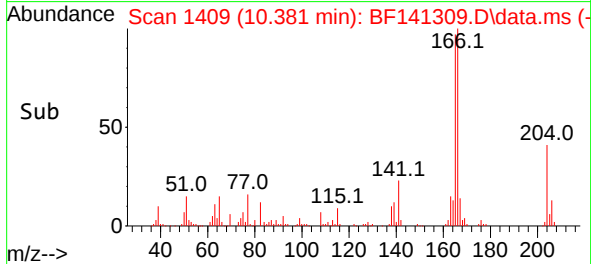
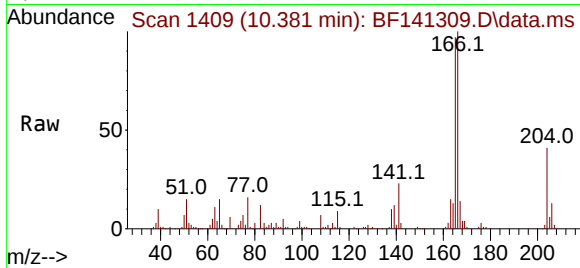




#58
Fluorene
Concen: 4.498 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

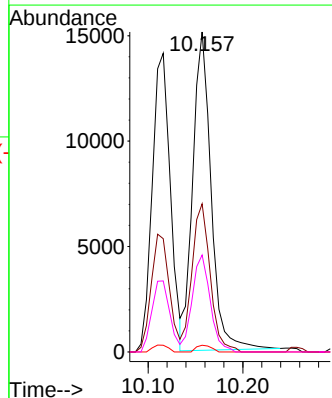
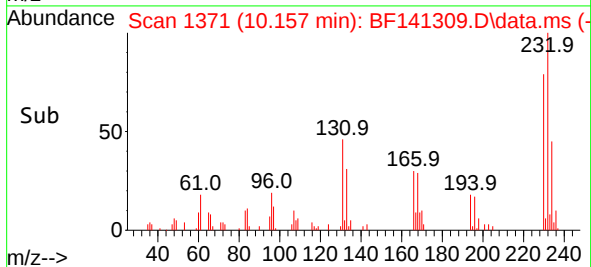
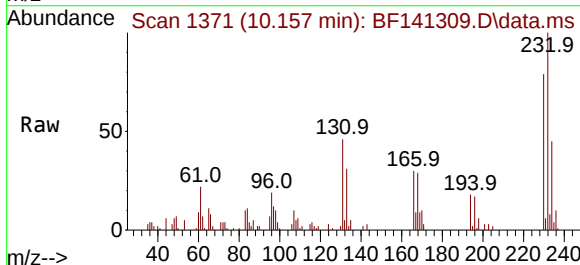
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

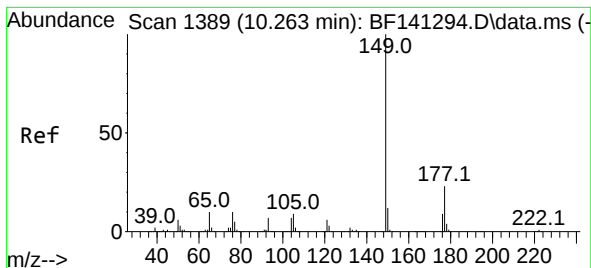
Tgt Ion:166 Resp: 89073
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 13.5 10.9 16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.055 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:232 Resp: 20287
Ion Ratio Lower Upper
232 100
131 46.4 36.4 54.6
130 1.7 1.9 2.9#
166 30.0 24.1 36.1





#60

Diethylphthalate

Concen: 4.276 ng

RT: 10.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

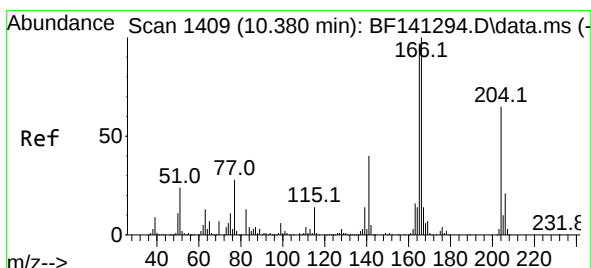
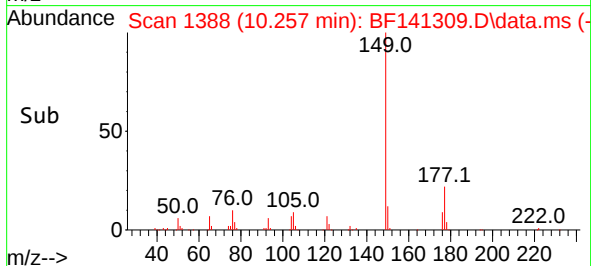
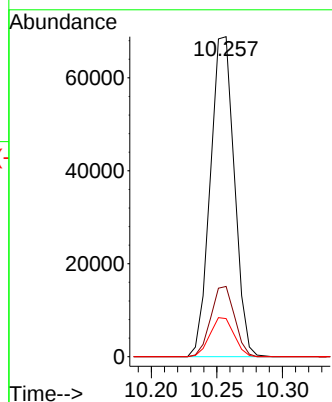
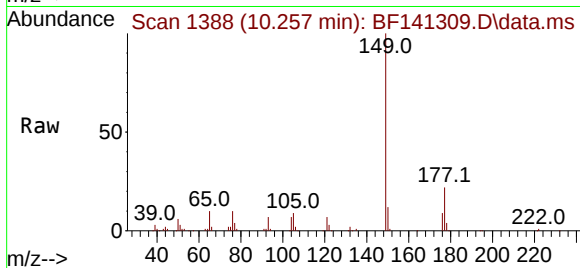
Tgt Ion:149 Resp: 87859

Ion Ratio Lower Upper

149 100

177 22.0 18.5 27.7

150 11.9 10.0 15.0



#61

4-Chlorophenyl-phenylether

Concen: 4.385 ng

RT: 10.375 min Scan# 1408

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

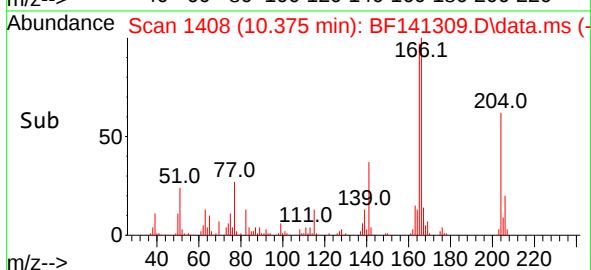
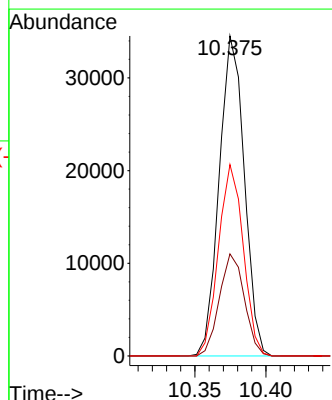
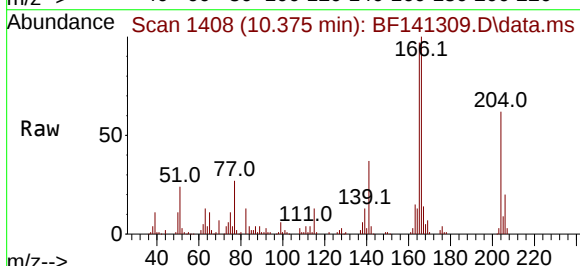
Tgt Ion:204 Resp: 42420

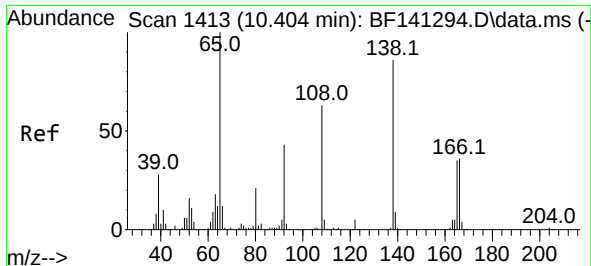
Ion Ratio Lower Upper

204 100

206 31.9 25.9 38.9

141 59.8 49.5 74.3

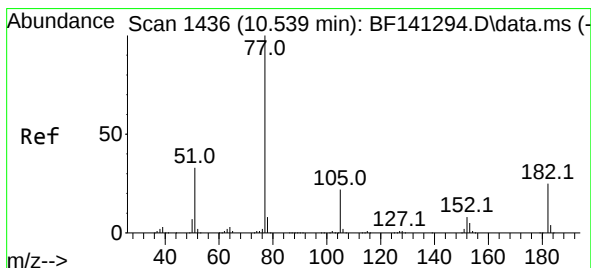
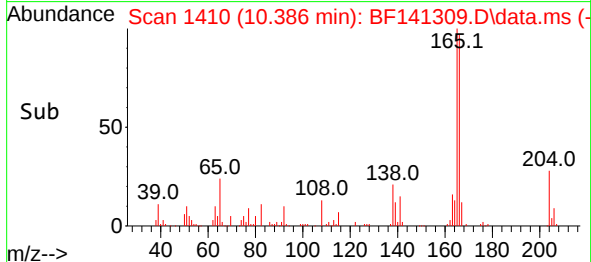
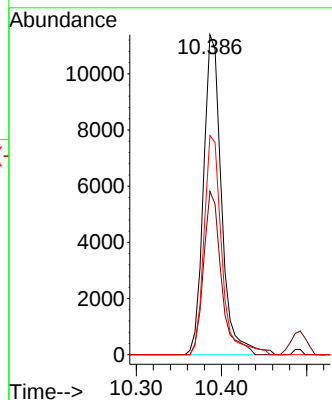
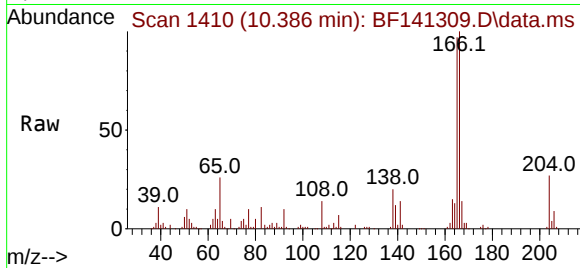




#62
4-Nitroaniline
Concen: 3.534 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.029 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

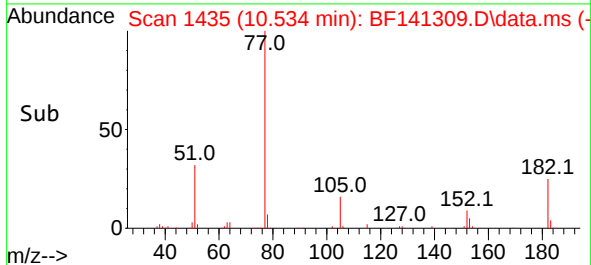
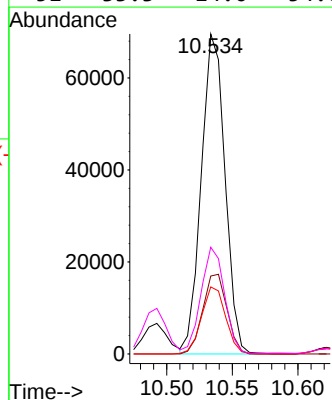
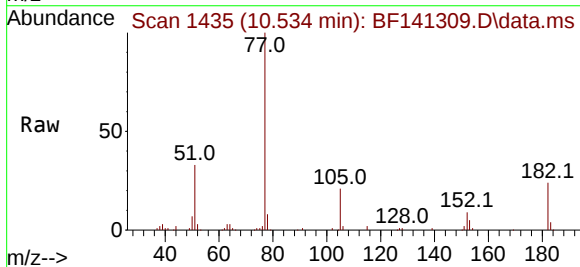
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

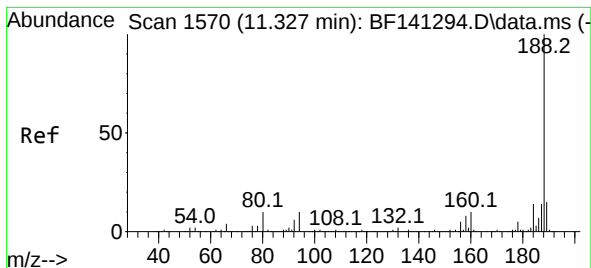
Tgt Ion:138 Resp: 16756
Ion Ratio Lower Upper
138 100
92 51.0 30.1 70.1
108 68.5 53.1 93.1



#63
Azobenzene
Concen: 4.270 ng
RT: 10.534 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion: 77 Resp: 87835
Ion Ratio Lower Upper
77 100
182 24.4 5.1 45.1
105 21.0 1.8 41.8
51 33.3 14.0 54.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

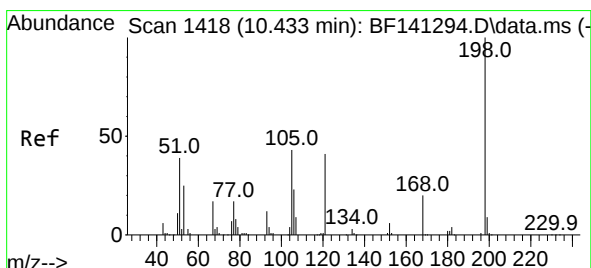
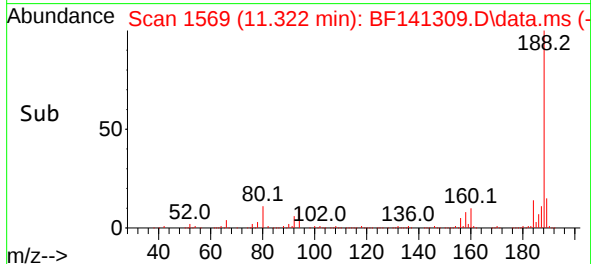
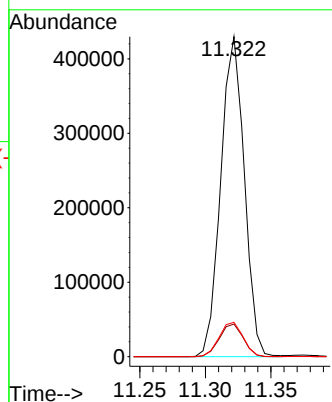
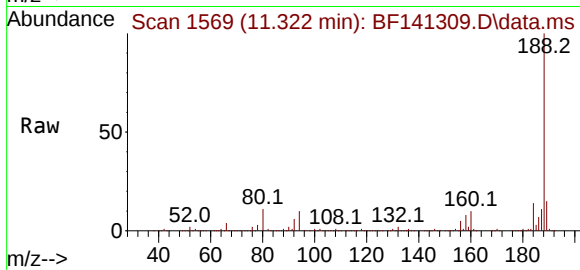
Tgt Ion:188 Resp: 536153

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

80 10.8 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.817 ng

RT: 10.422 min Scan# 1416

Delta R.T. -0.018 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

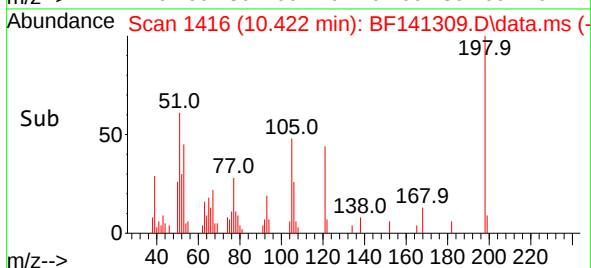
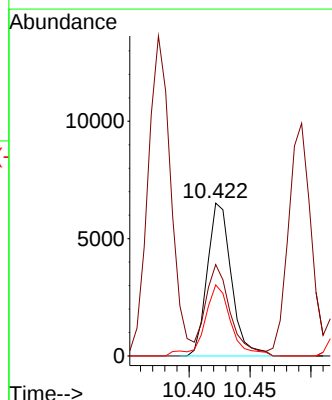
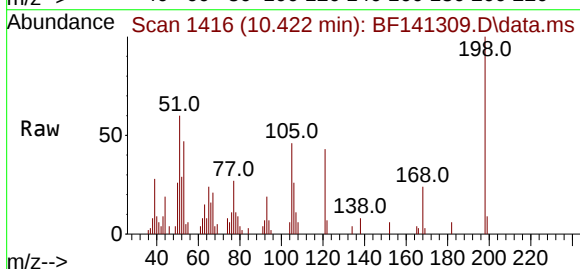
Tgt Ion:198 Resp: 8935

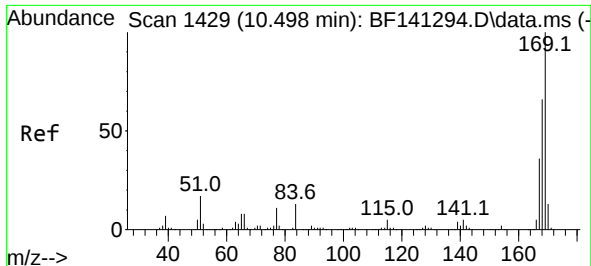
Ion Ratio Lower Upper

198 100

51 59.8 33.4 73.4

105 46.5 24.4 64.4

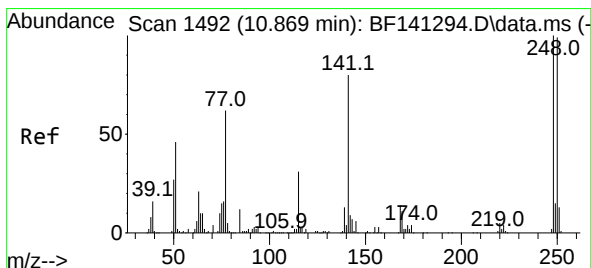
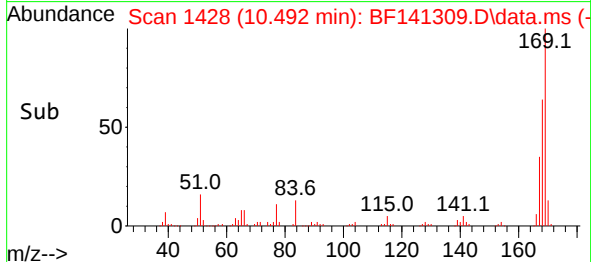
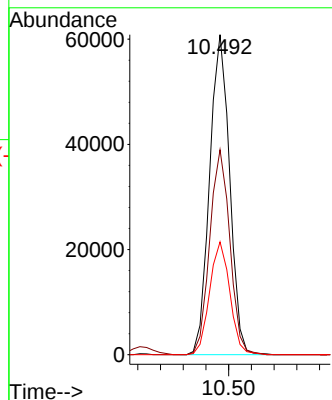
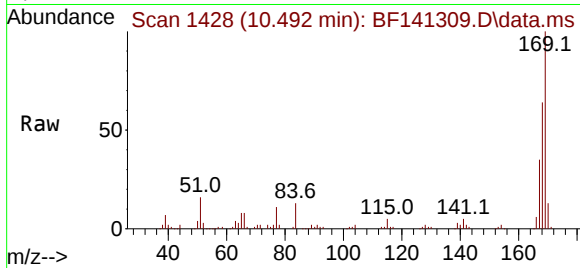




#66
n-Nitrosodiphenylamine
Concen: 4.286 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

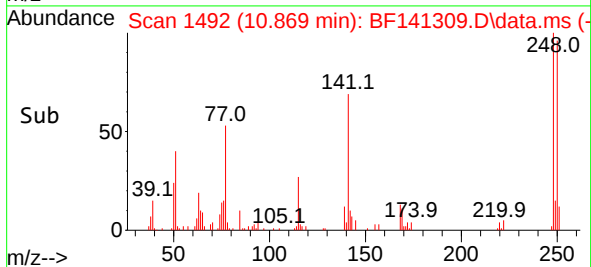
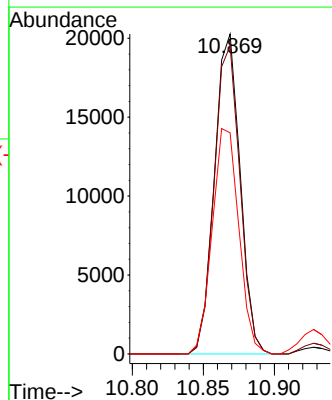
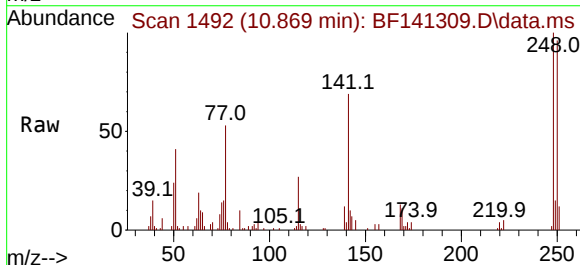
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

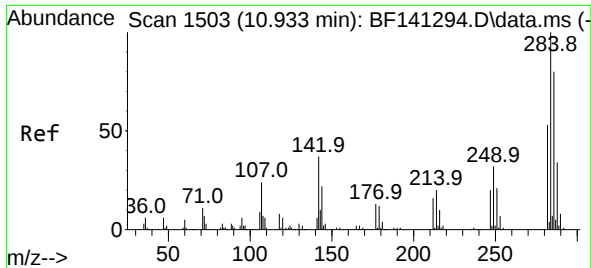
Tgt Ion:169 Resp: 74331
Ion Ratio Lower Upper
169 100
168 64.0 53.0 79.4
167 35.3 28.8 43.2



#67
4-Bromophenyl-phenylether
Concen: 4.252 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:248 Resp: 25522
Ion Ratio Lower Upper
248 100
250 96.4 79.0 118.4
141 69.1 63.7 95.5

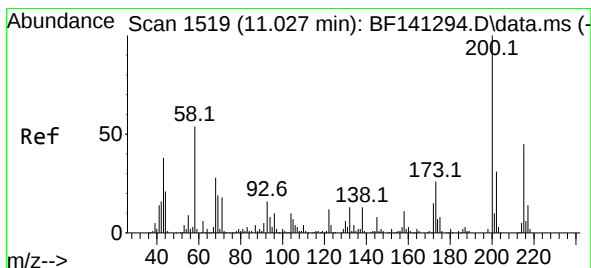
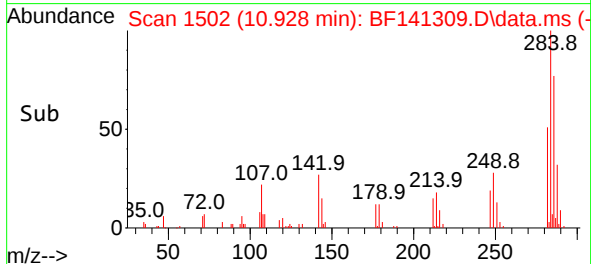
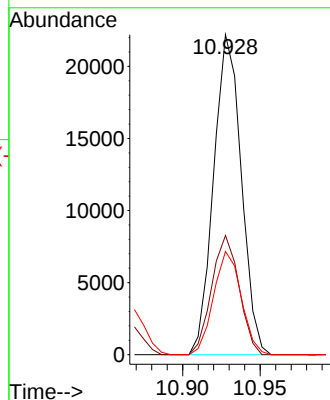
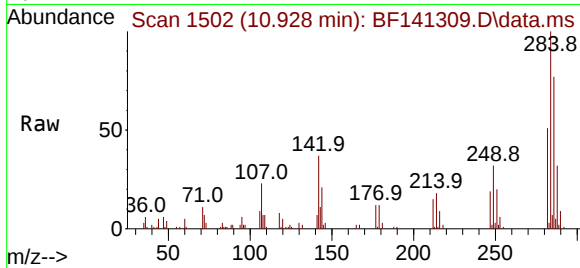




#68
Hexachlorobenzene
Concen: 4.318 ng
RT: 10.928 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

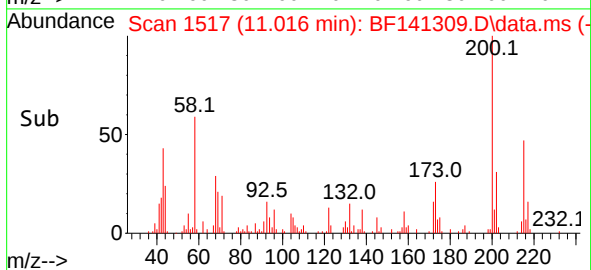
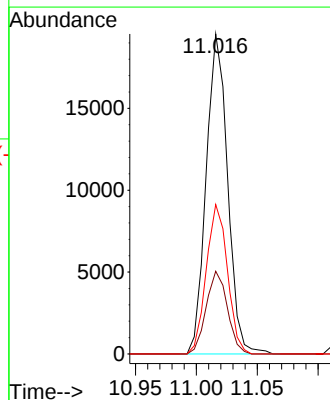
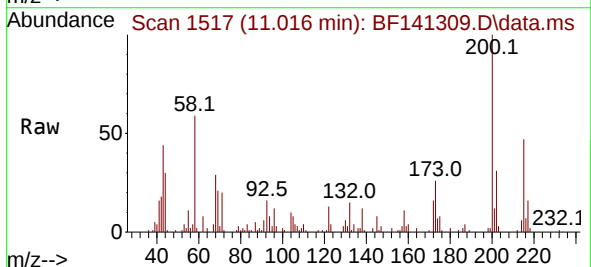
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

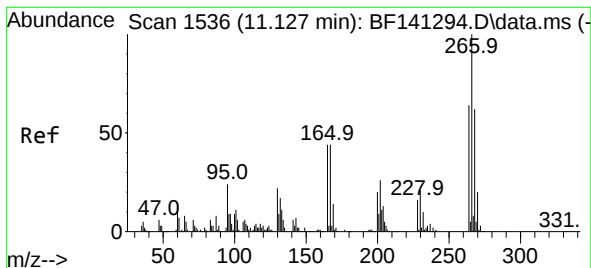
Tgt Ion:284 Resp: 27494
Ion Ratio Lower Upper
284 100
142 37.3 29.5 44.3
249 32.3 25.4 38.2



#69
Atrazine
Concen: 4.129 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:200 Resp: 23942
Ion Ratio Lower Upper
200 100
173 25.9 5.9 45.9
215 46.7 25.2 65.2





#70

Pentachlorophenol

Concen: 3.792 ng

RT: 11.128 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

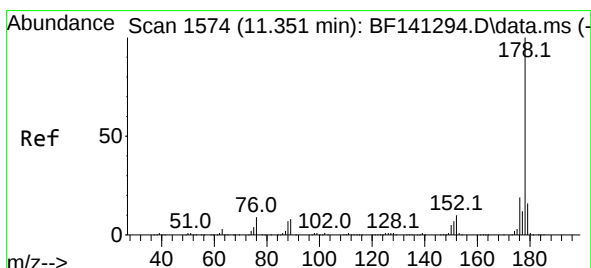
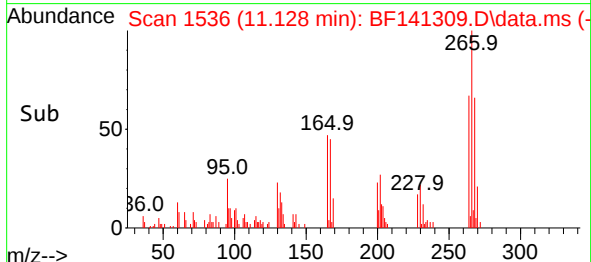
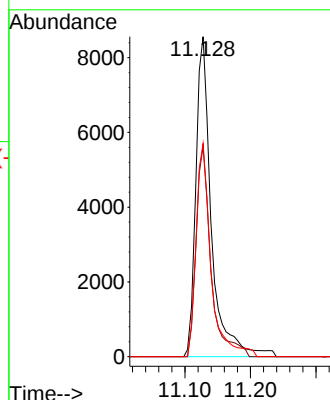
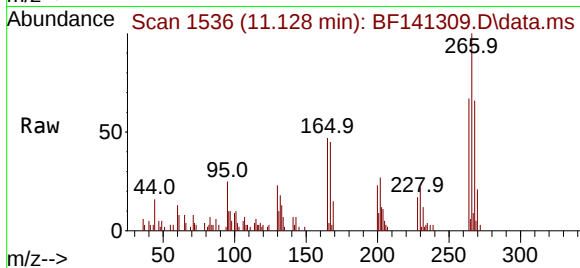
Tgt Ion:266 Resp: 14138

Ion Ratio Lower Upper

266 100

268 65.6 49.9 74.9

264 66.6 51.0 76.4



#71

Phenanthrene

Concen: 4.562 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

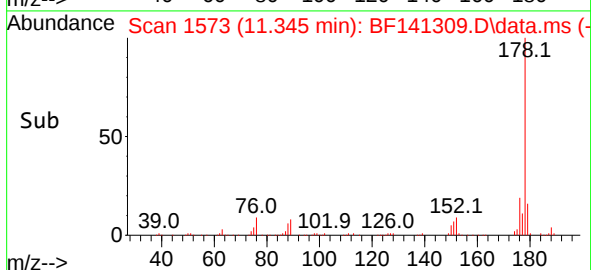
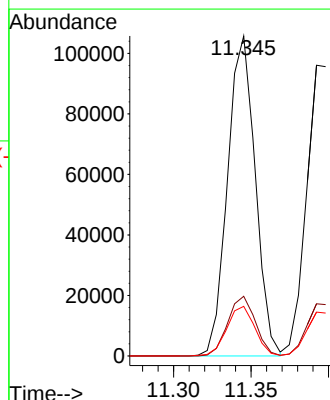
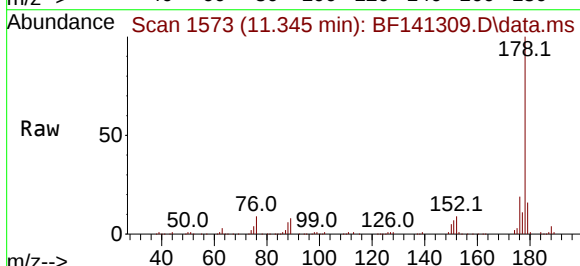
Tgt Ion:178 Resp: 131490

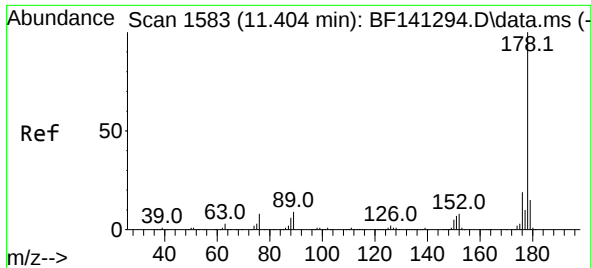
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

179 15.5 12.5 18.7

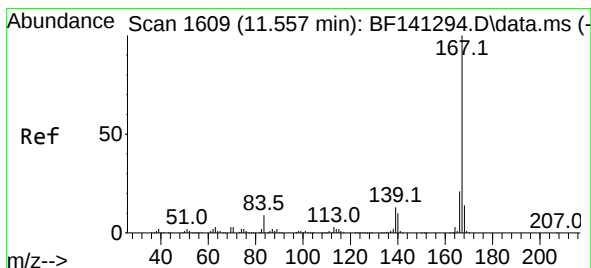
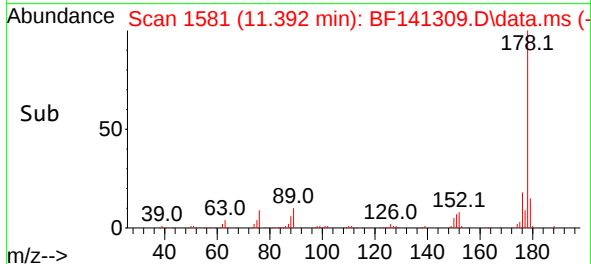
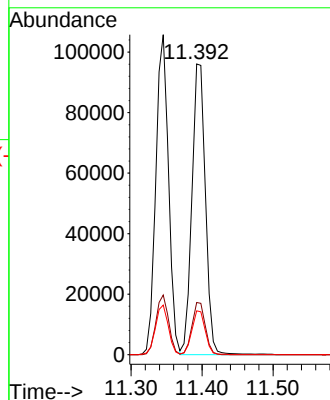
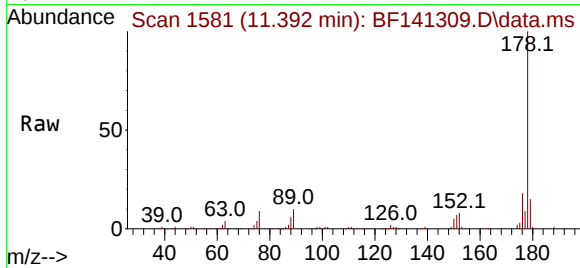




#72
Anthracene
Concen: 4.504 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

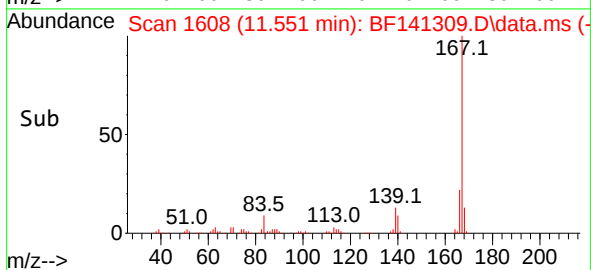
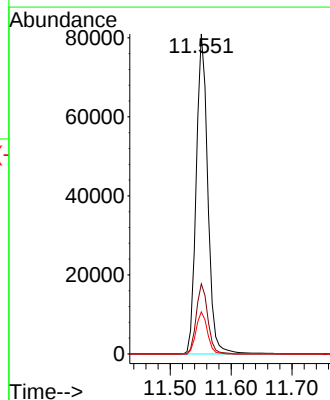
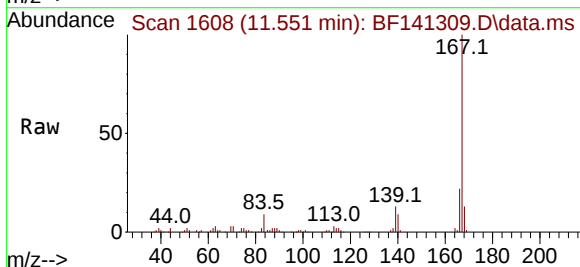
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

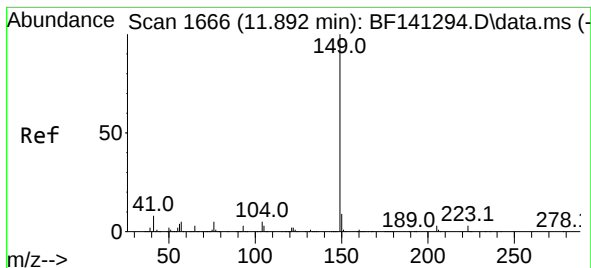
Tgt Ion:178 Resp: 127187
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.6
179 15.1 12.3 18.5



#73
Carbazole
Concen: 4.261 ng
RT: 11.551 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:167 Resp: 106689
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.6
139 13.2 10.6 16.0

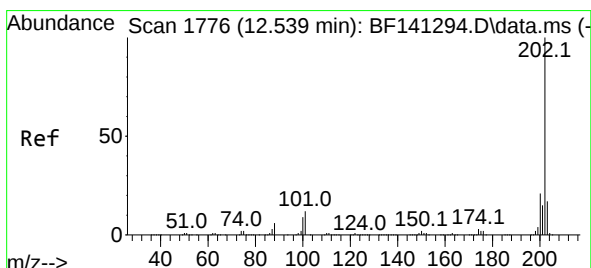
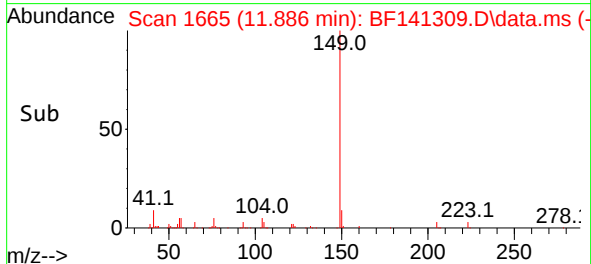
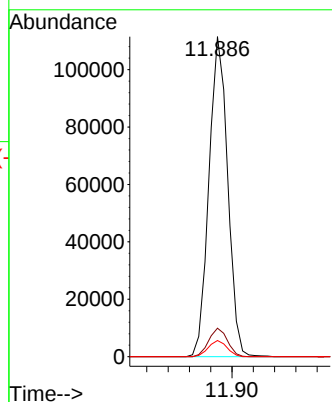
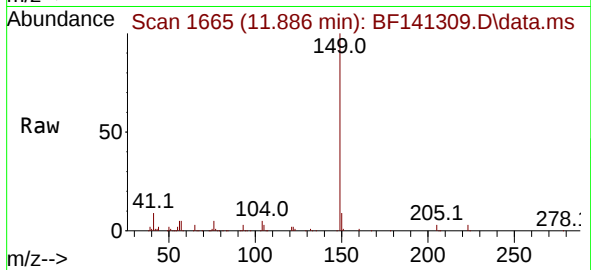




#74
Di-n-butylphthalate
Concen: 4.498 ng
RT: 11.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

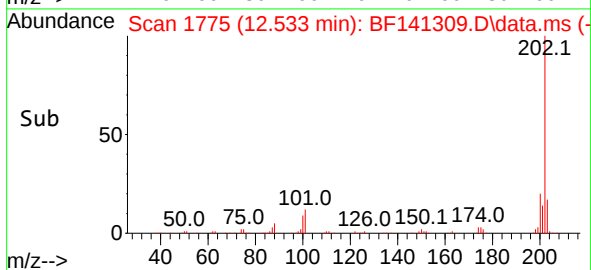
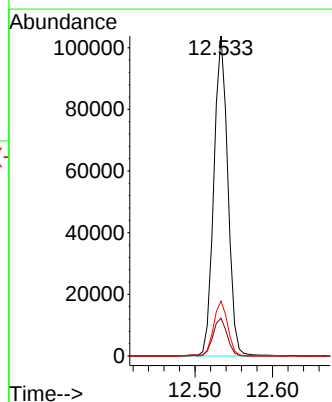
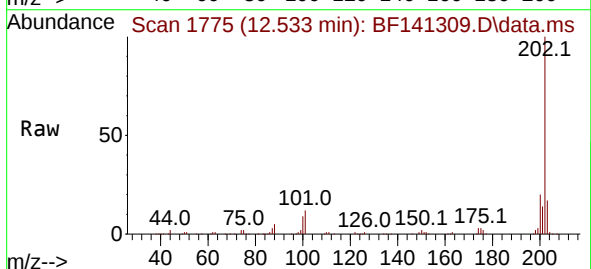
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

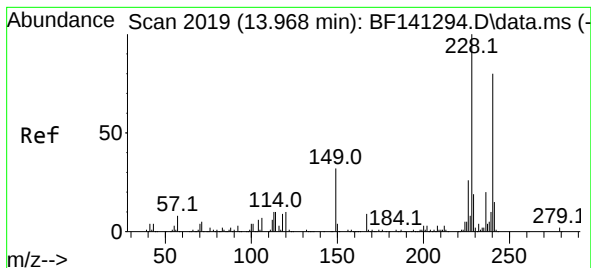
Tgt Ion:149 Resp: 136496
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 5.1 3.9 5.9



#75
Fluoranthene
Concen: 4.569 ng
RT: 12.533 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:202 Resp: 130013
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.7
203 17.2 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF141309.D

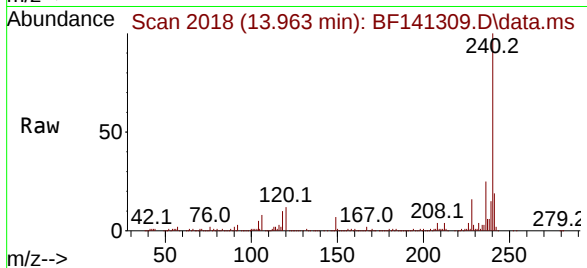
Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



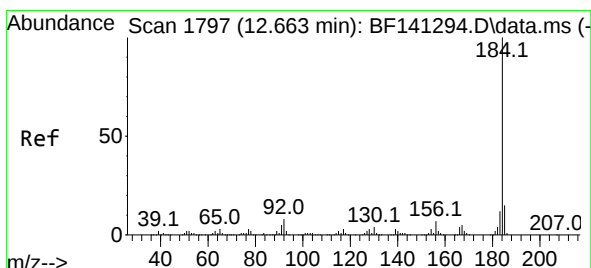
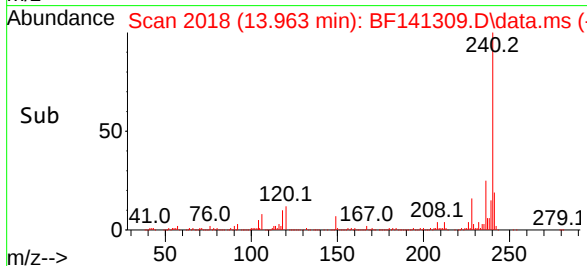
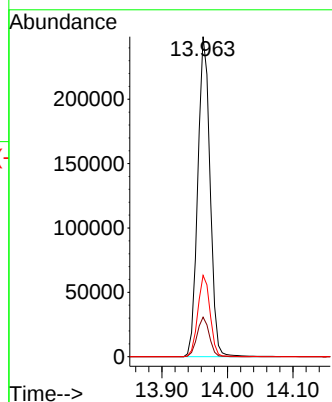
Tgt Ion:240 Resp: 324523

Ion Ratio Lower Upper

240 100

120 12.4 10.0 15.0

236 25.4 19.7 29.5



#77

Benzidine

Concen: 2.045 ng

RT: 12.663 min Scan# 1797

Delta R.T. 0.000 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

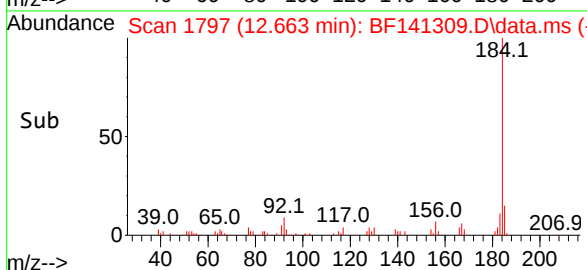
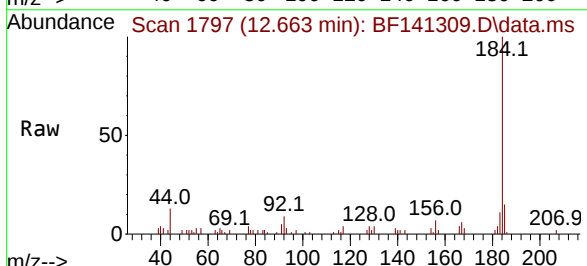
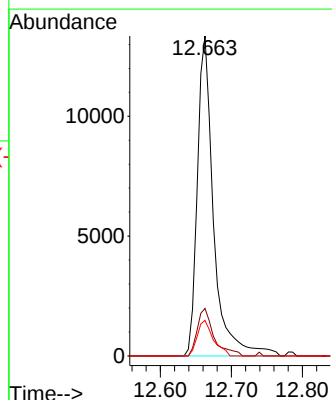
Tgt Ion:184 Resp: 21275

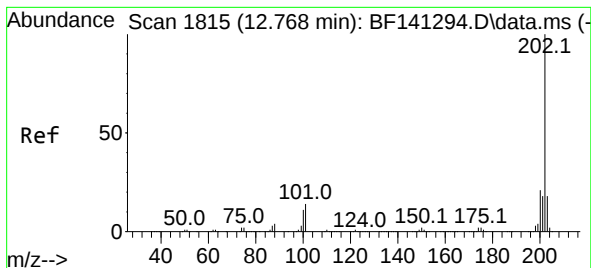
Ion Ratio Lower Upper

184 100

185 14.9 11.9 17.9

183 11.1 9.5 14.3





#78

Pyrene

Concen: 4.669 ng

RT: 12.763 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

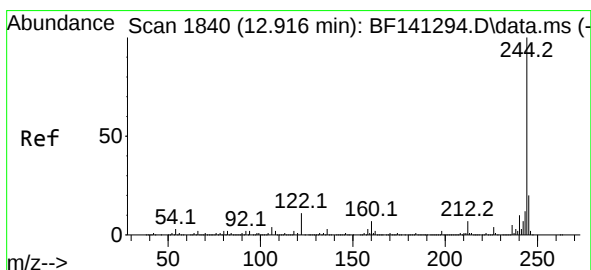
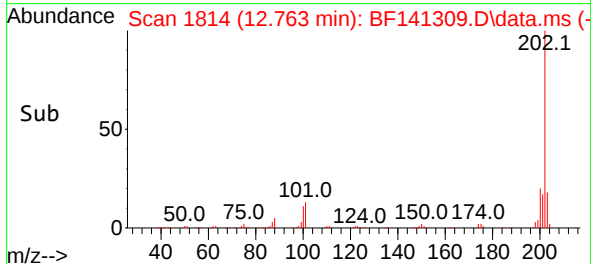
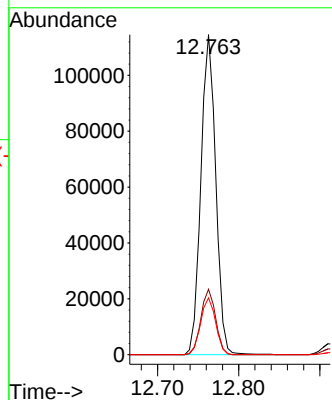
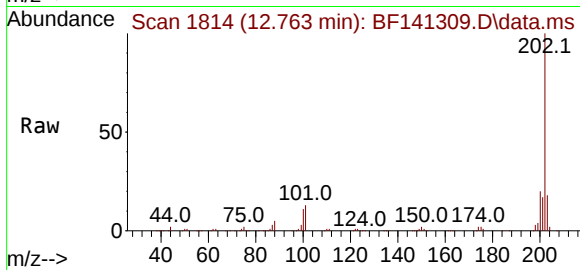
Tgt Ion:202 Resp: 145447

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.4

203 17.8 14.3 21.5



#79

Terphenyl-d14

Concen: 75.031 ng

RT: 12.916 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

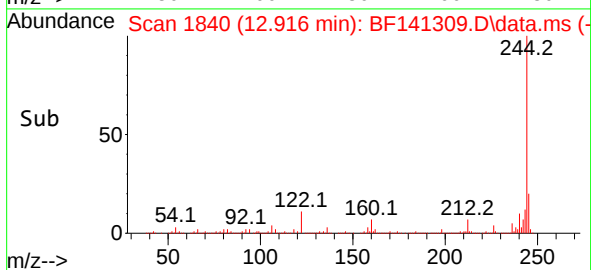
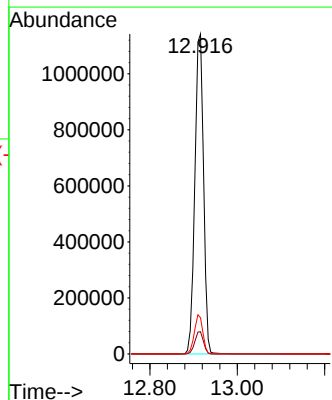
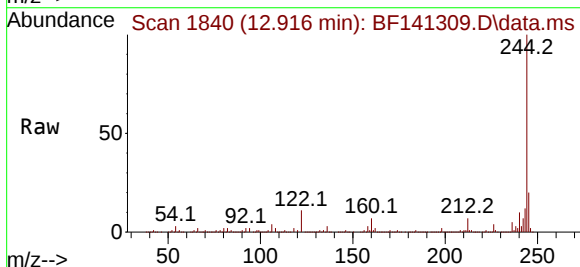
Tgt Ion:244 Resp: 1578892

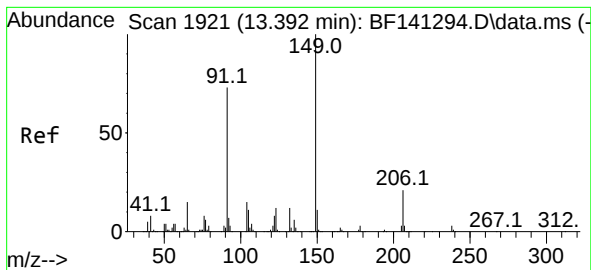
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 11.3 8.8 13.2





#80

Butylbenzylphthalate

Concen: 4.118 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

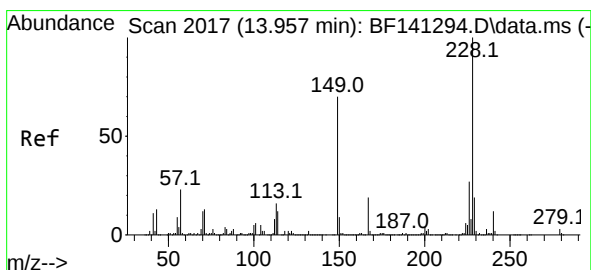
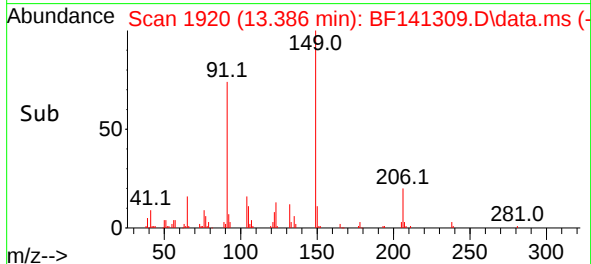
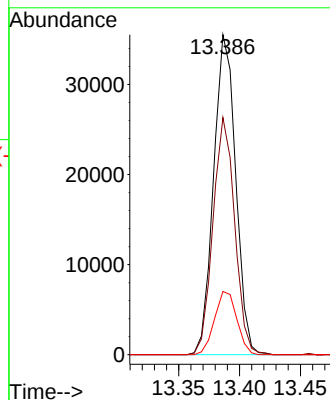
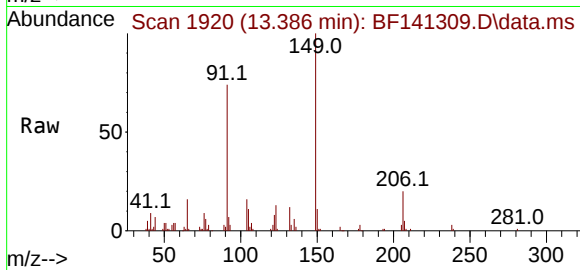
Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:149	Resp:	44821
Ion Ratio	Lower	Upper
149	100	
91	74.1	58.6 87.8
206	19.8	16.7 25.1



#81

Benzo(a)anthracene

Concen: 4.353 ng

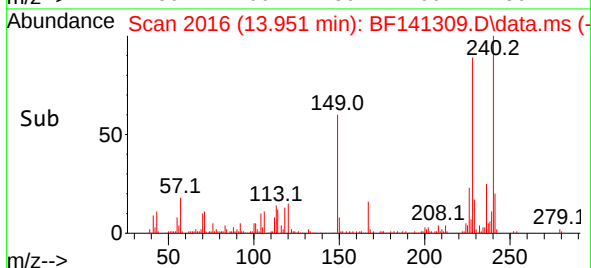
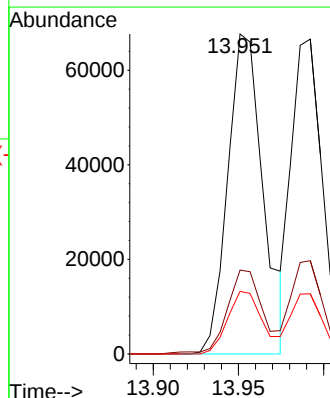
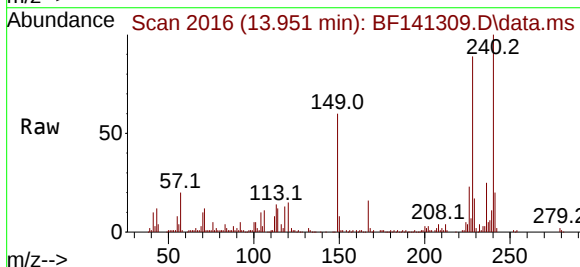
RT: 13.951 min Scan# 2016

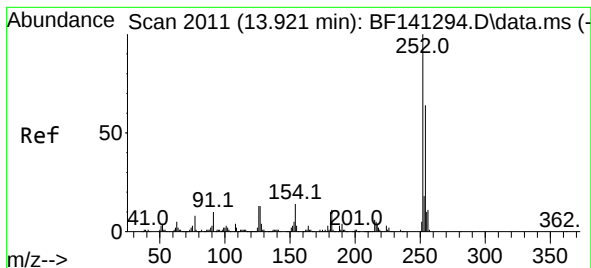
Delta R.T. -0.012 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Tgt Ion:228	Resp:	97470
Ion Ratio	Lower	Upper
228	100	
226	26.2	21.4 32.2
229	19.5	15.5 23.3





#82

3,3'-Dichlorobenzidine

Concen: 3.441 ng

RT: 13.922 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

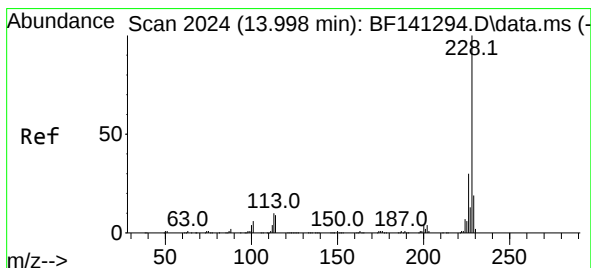
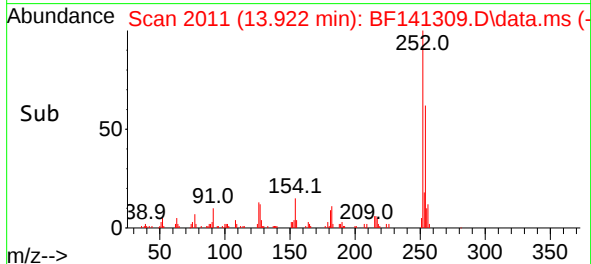
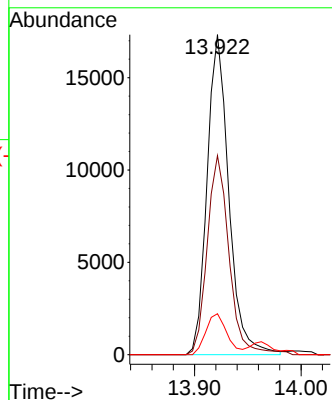
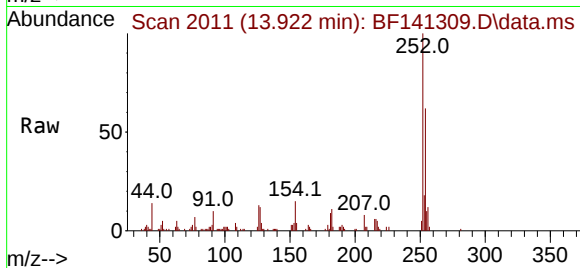
Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:252	Resp:	24508
Ion Ratio	Lower	Upper
252	100	
254	62.2	51.3 76.9
126	12.8	10.0 15.0



#83

Chrysene

Concen: 4.125 ng

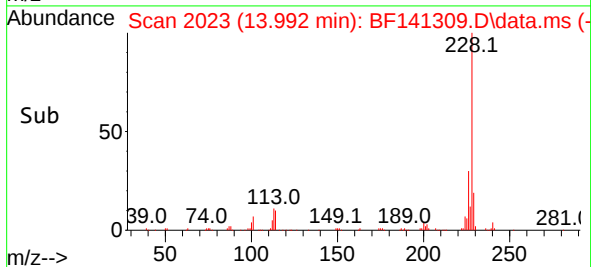
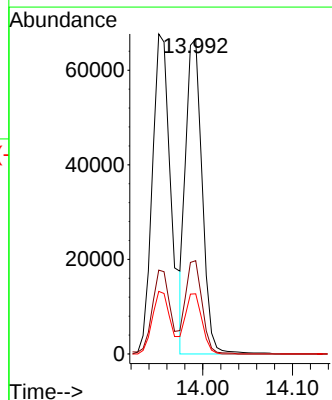
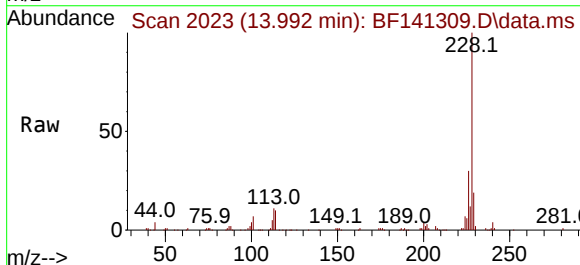
RT: 13.992 min Scan# 2023

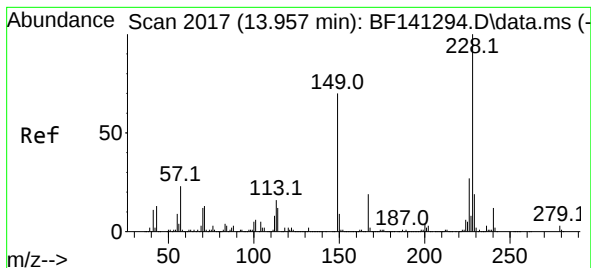
Delta R.T. -0.006 min

Lab File: BF141309.D

Acq: 30 Jan 2025 13:13

Tgt Ion:228	Resp:	84663
Ion Ratio	Lower	Upper
228	100	
226	29.6	24.1 36.1
229	19.1	15.6 23.4

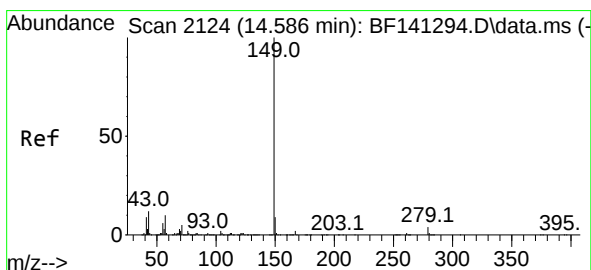
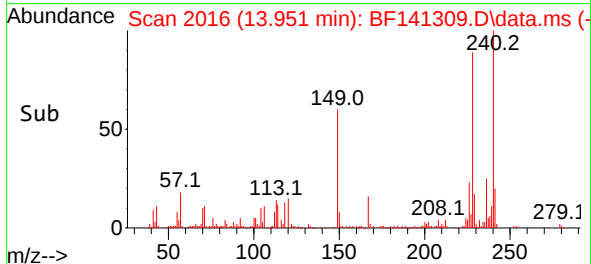
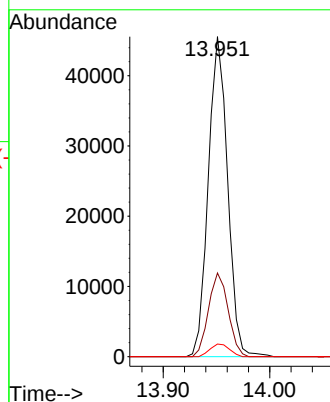
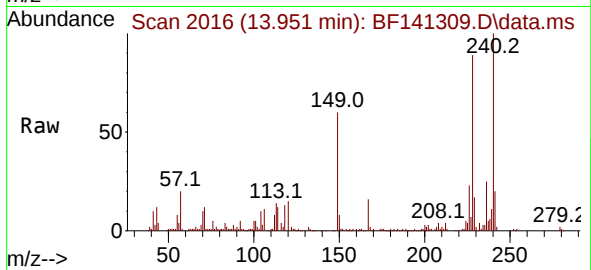




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.155 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

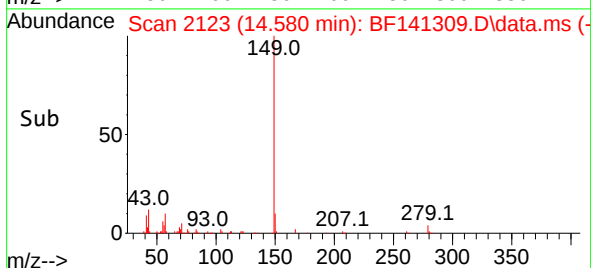
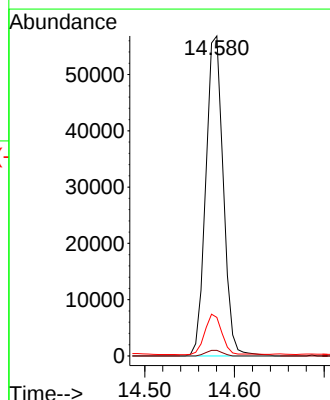
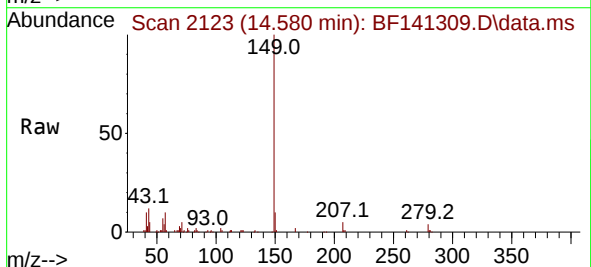
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

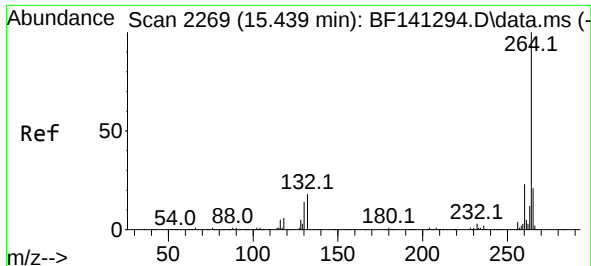
Tgt Ion:149 Resp: 57358
Ion Ratio Lower Upper
149 100
167 26.2 21.8 32.8
279 4.0 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 3.581 ng
RT: 14.580 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:149 Resp: 76789
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.5 9.8 14.8

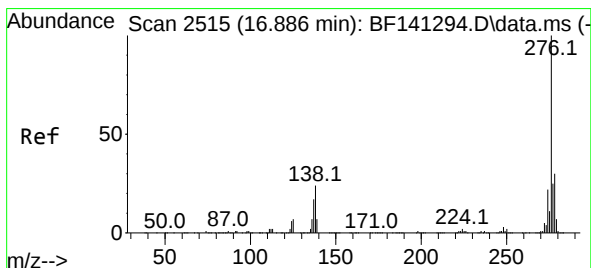
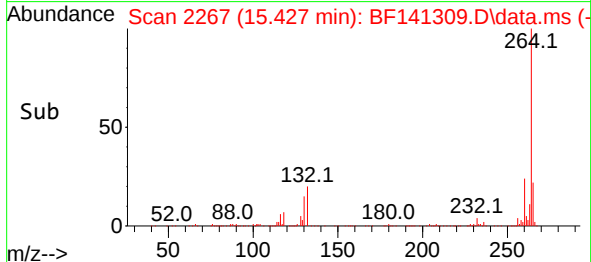
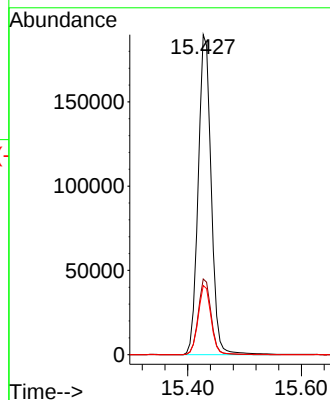
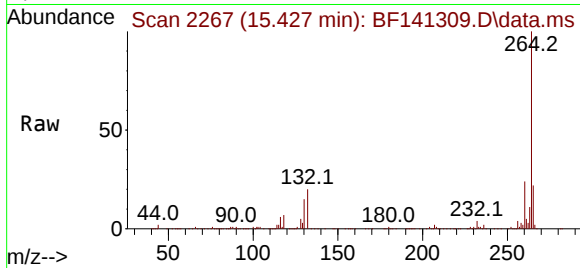




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

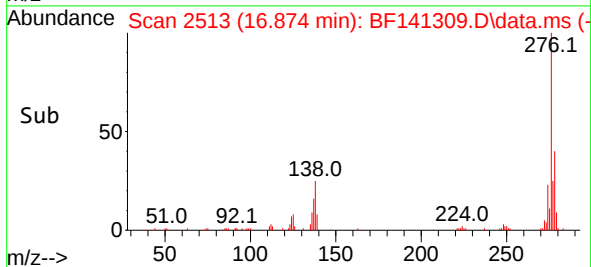
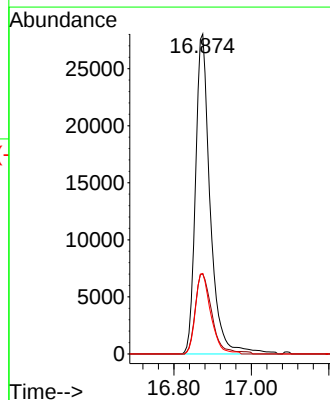
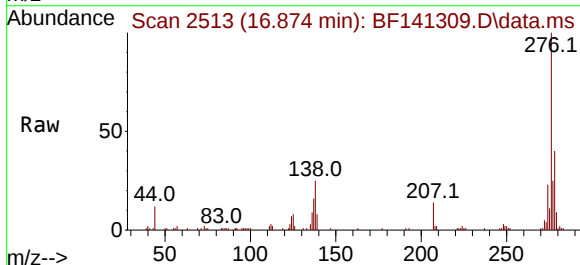
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

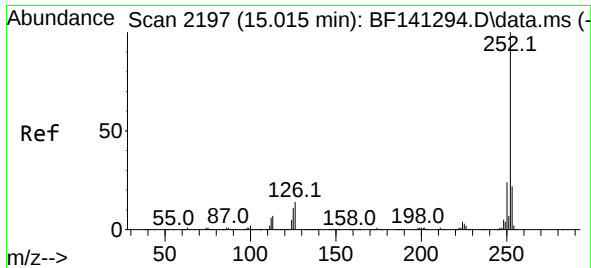
Tgt Ion:264 Resp: 302151
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.6 16.7 25.1



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.783 ng
RT: 16.874 min Scan# 2513
Delta R.T. -0.024 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:276 Resp: 73766
Ion Ratio Lower Upper
276 100
138 28.5 21.7 32.5
277 26.3 20.3 30.5

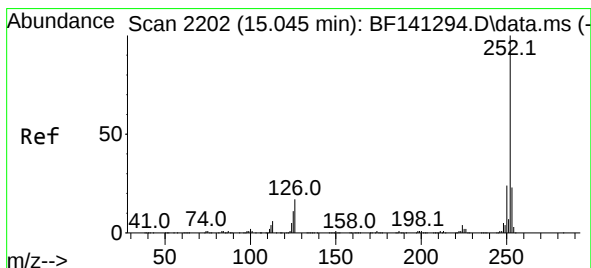
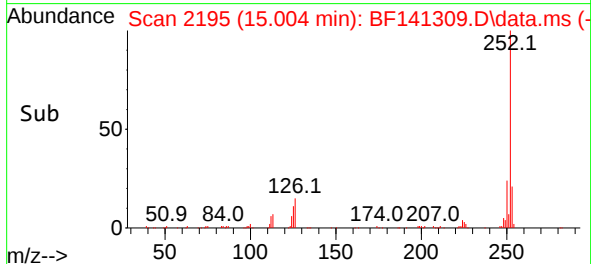
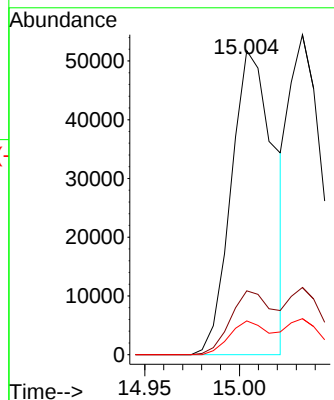
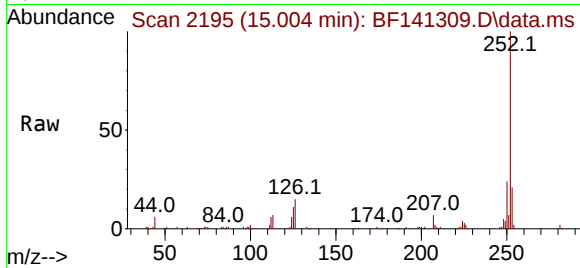




#88
Benzo(b)fluoranthene
Concen: 4.294 ng
RT: 15.004 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

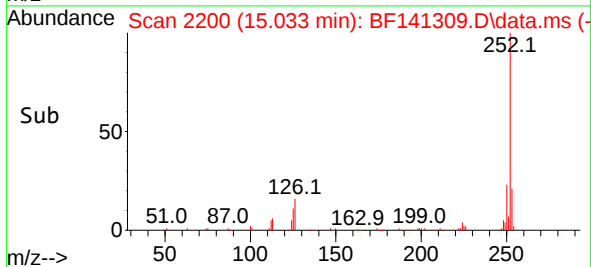
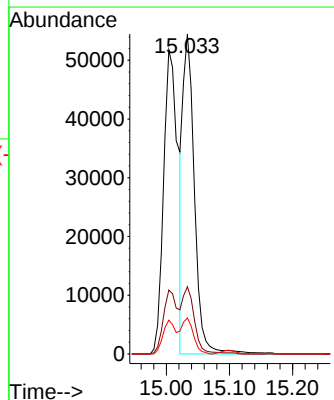
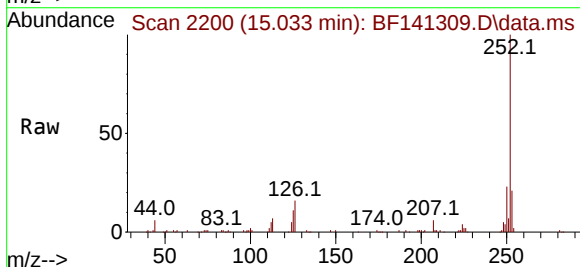
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

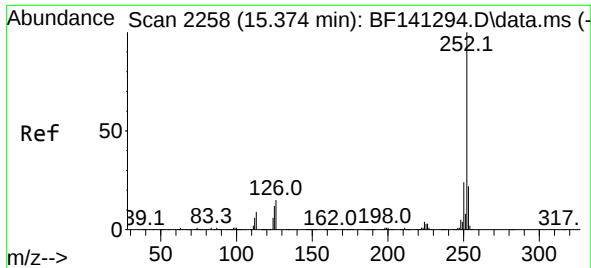
Tgt Ion:252 Resp: 81616
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.2
125 11.1 8.6 12.8



#89
Benzo(k)fluoranthene
Concen: 4.159 ng
RT: 15.033 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:252 Resp: 70018
Ion Ratio Lower Upper
252 100
253 21.0 17.6 26.4
125 11.3 8.4 12.6

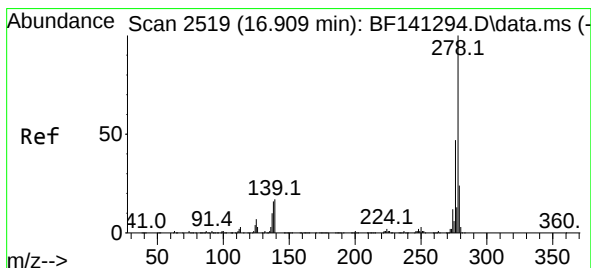
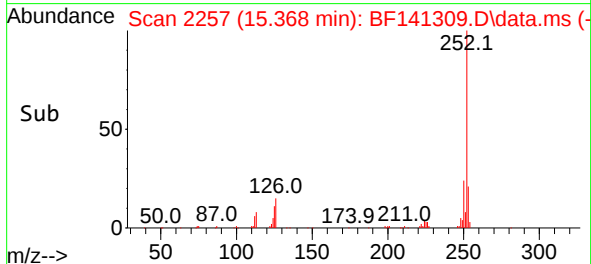
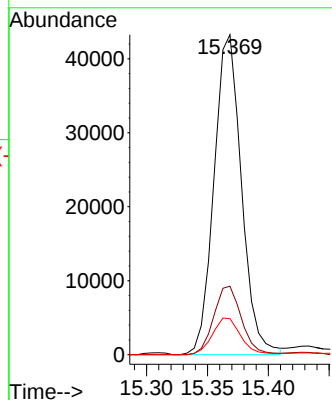
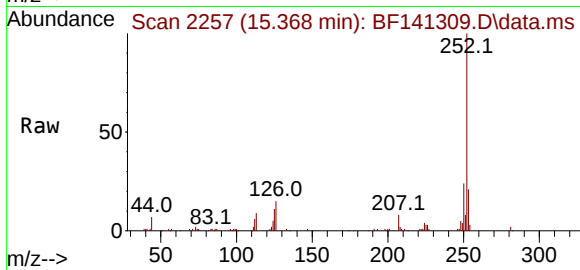




#90
Benzo(a)pyrene
Concen: 4.230 ng
RT: 15.368 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

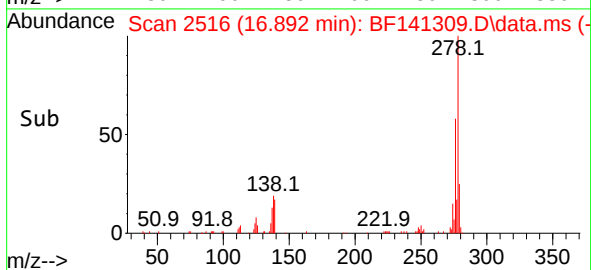
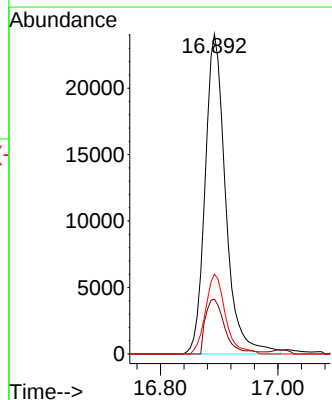
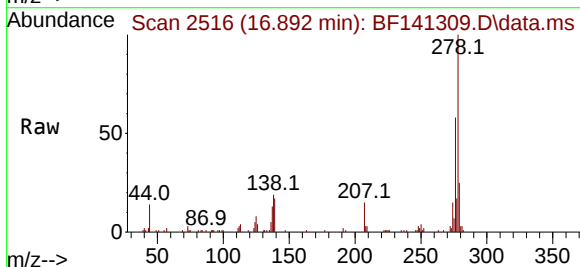
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

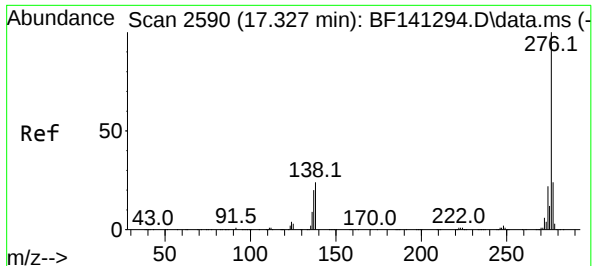
Tgt Ion:252 Resp: 67944
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 11.3 9.4 14.2



#91
Dibenzo(a,h)anthracene
Concen: 3.717 ng
RT: 16.892 min Scan# 2516
Delta R.T. -0.029 min
Lab File: BF141309.D
Acq: 30 Jan 2025 13:13

Tgt Ion:278 Resp: 58313
Ion Ratio Lower Upper
278 100
139 17.1 13.9 20.9
279 25.0 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 3.731 ng

RT: 17.304 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141309.D

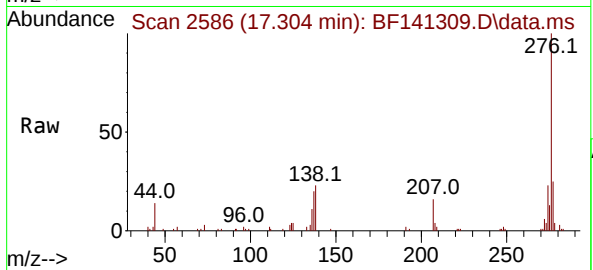
Acq: 30 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:276 Resp: 60875

Ion Ratio Lower Upper

276 100

277 25.0 19.2 28.8

138 23.4 19.0 28.4

