

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143112.D
 Acq On : 16 Jul 2025 14:05
 Operator : RC/JU
 Sample : Q2126-07
 Misc : LOD-MDL-WATER-4 PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 16 14:26:34 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	151150	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	580950	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	289252	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	468917	20.000	ng	0.00
76) Chrysene-d12	14.127	240	239773	20.000	ng	0.00
86) Perylene-d12	15.633	264	239823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1066877	111.518	ng	0.00
7) Phenol-d6	6.587	99	1378785	114.655	ng	0.00
23) Nitrobenzene-d5	7.522	82	875953	84.584	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	338978	131.432	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1584185	72.802	ng	0.00
79) Terphenyl-d14	13.075	244	1319852	80.467	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	18218	3.825	ng	98
3) Pyridine	3.634	79	45684	3.788	ng	99
4) n-Nitrosodimethylamine	3.510	42	22366	3.580	ng	# 98
6) Aniline	6.628	93	65570	3.872	ng	99
8) 2-Chlorophenol	6.751	128	39393	4.098	ng	# 73
9) Benzaldehyde	6.516	77	36931	4.030	ng	97
10) Phenol	6.598	94	55540	4.266	ng	# 54
11) bis(2-Chloroethyl)ether	6.698	93	41097	4.078	ng	99
12) 1,3-Dichlorobenzene	6.910	146	45009	4.145	ng	99
13) 1,4-Dichlorobenzene	6.987	146	45862	4.198	ng	97
14) 1,2-Dichlorobenzene	7.140	146	42940	4.122	ng	99
15) Benzyl Alcohol	7.093	79	33653	3.777	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	73584	3.961	ng	99
17) 2-Methylphenol	7.198	107	31900	3.846	ng	99
18) Hexachloroethane	7.487	117	14372	4.041	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	30190	4.098	ng	99
20) 3+4-Methylphenols	7.351	107	42204	4.149	ng	# 88
22) Acetophenone	7.363	105	58671	4.189	ng	96
24) Nitrobenzene	7.540	77	45155	4.517	ng	100
25) Isophorone	7.775	82	77102	3.852	ng	99
26) 2-Nitrophenol	7.857	139	12161	6.725	ng	97
27) 2,4-Dimethylphenol	7.887	122	37914	4.081	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	48815	4.022	ng	99
29) 2,4-Dichlorophenol	8.092	162	28793	3.788	ng	96
30) 1,2,4-Trichlorobenzene	8.187	180	35606	4.128	ng	98
31) Naphthalene	8.269	128	120474	4.176	ng	99
32) Benzoic acid	7.922	122	7703	7.959	ng	98
33) 4-Chloroaniline	8.304	127	46206	3.983	ng	98
34) Hexachlorobutadiene	8.392	225	20469	3.968	ng	97
35) Caprolactam	8.622	113	7507	3.163	ng	94
36) 4-Chloro-3-methylphenol	8.775	107	31905	3.768	ng	99
37) 2-Methylnaphthalene	8.957	142	70698	4.108	ng	99
38) 1-Methylnaphthalene	9.057	142	73895	4.140	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	35307	4.189	ng	98
41) Hexachlorocyclopentadiene	9.116	237	14365	3.074	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	20005	3.819	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143112.D
 Acq On : 16 Jul 2025 14:05
 Operator : RC/JU
 Sample : Q2126-07
 Misc : LOD-MDL-WATER-4 PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 16 14:26:34 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)
44) 2,4,5-Trichlorophenol	9.263	196	21215	3.863	ng	99
46) 1,1'-Biphenyl	9.422	154	97247	4.216	ng	99
47) 2-Chloronaphthalene	9.445	162	70537	4.163	ng	99
48) 2-Nitroaniline	9.528	65	14647	5.879	ng	97
49) Acenaphthylene	9.863	152	115528	4.091	ng	99
50) Dimethylphthalate	9.710	163	74029	4.068	ng	98
51) 2,6-Dinitrotoluene	9.769	165	11380	5.776	ng	96
52) Acenaphthene	10.034	154	68950	4.138	ng	98
53) 3-Nitroaniline	9.934	138	14091	3.584	ng	# 95
54) 2,4-Dinitrophenol	10.039	184	2300	7.108	ng	# 1
55) Dibenzofuran	10.204	168	103203	4.155	ng	98
56) 4-Nitrophenol	10.075	139	9515	3.045	ng	96
57) 2,4-Dinitrotoluene	10.169	165	12470	5.980	ng	97
58) Fluorene	10.545	166	79704	4.280	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	16552	3.793	ng	# 98
60) Diethylphthalate	10.416	149	68597	3.907	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	36959	4.141	ng	97
62) 4-Nitroaniline	10.539	138	12284	3.592	ng	96
63) Azobenzene	10.698	77	75934	3.911	ng	98
65) 4,6-Dinitro-2-methylph...	10.575	198	3661	7.661	ng	92
66) n-Nitrosodiphenylamine	10.651	169	66249	4.022	ng	98
67) 4-Bromophenyl-phenylether	11.028	248	20697	3.881	ng	97
68) Hexachlorobenzene	11.098	284	22526	3.981	ng	99
69) Atrazine	11.175	200	15055	3.573	ng	99
70) Pentachlorophenol	11.286	266	9534	3.071	ng	98
71) Phenanthrene	11.510	178	106453	4.206	ng	99
72) Anthracene	11.563	178	100908	3.965	ng	99
73) Carbazole	11.710	167	89770	3.937	ng	100
74) Di-n-butylphthalate	12.045	149	69652	3.328	ng	99
75) Fluoranthene	12.698	202	87676	3.810	ng	98
77) Benzidine	12.816	184	25570	3.130	ng	# 91
78) Pyrene	12.927	202	90149	4.052	ng	98
80) Butylbenzylphthalate	13.545	149	10969	5.691	ng	92
81) Benzo(a)anthracene	14.116	228	59048	3.696	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	13014	2.805	ng	98
83) Chrysene	14.151	228	56357	3.830	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	16081	5.627	ng	96
85) Di-n-octyl phthalate	14.721	149	26271	8.464	ng	96
87) Indeno(1,2,3-cd)pyrene	17.163	276	67860	3.804	ng	99
88) Benzo(b)fluoranthene	15.180	252	49325	3.566	ng	99
89) Benzo(k)fluoranthene	15.216	252	47216	3.578	ng	99
90) Benzo(a)pyrene	15.563	252	45260	3.459	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	55847	3.830	ng	97
92) Benzo(g,h,i)perylene	17.621	276	56811	3.822	ng	97

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

Instrument :
BNA_F

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

Abundance

TIC: BF143112.D\data.ms

Time-->

1,4-Dioxane

Nitrosodimethylamine,

Pyridine,

2-Fluorophenol,S

Phenol-d6,S

Phenol,C

2-Chlorophenol,

1,4-Dichlorobenzene-d4,I

1,4-Dichlorobenzene,

2,4-Dichlorobenzene,

2,6-Dichlorobenzene,

Hexachlorocyclopentadiene,

Nitrobenzene-d5,S

Naphthalene-d8,I

Naphthalene,

Acenaphthene-d10,I

Acenaphthene,

Phenanthrene-d10,I

Phenanthrene,

Di-n-butylphthalate

Fluoranthene,C

Pyrene

Butylbenzylphthalate

3,3'-Dichlorobenzidine,

Di-n-octyl phthalate, c

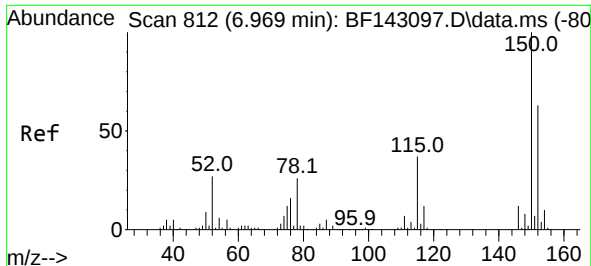
Benzo(b)fluoranthene

Benzo(a)pyrene

Benzo(g,h,i)perylene

2,4,6-Tribromophenol,S

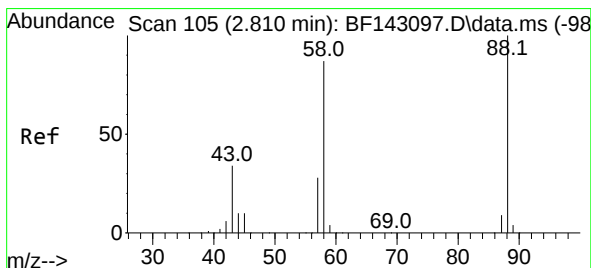
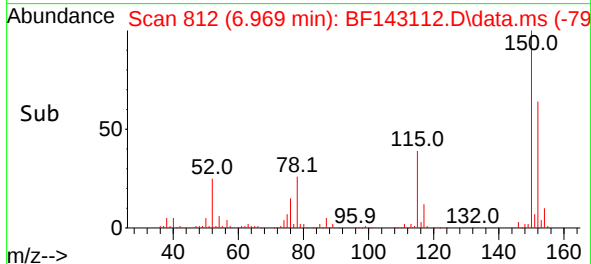
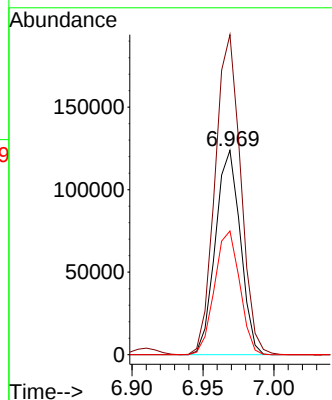
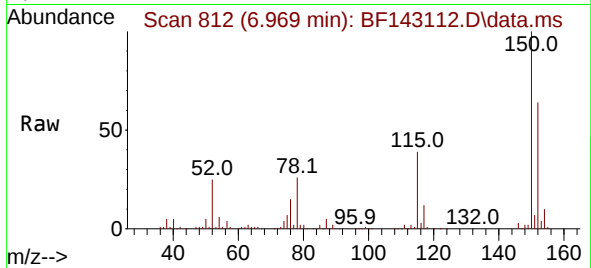
2-Fluorobiphenyl,S



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143112.D
 Acq: 16 Jul 2025 14:05

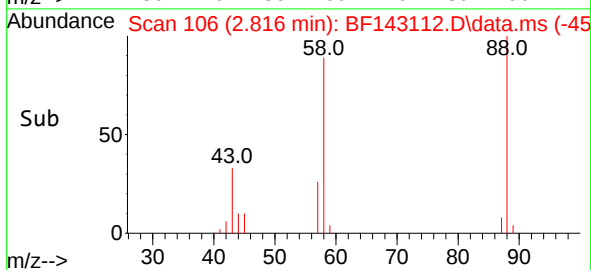
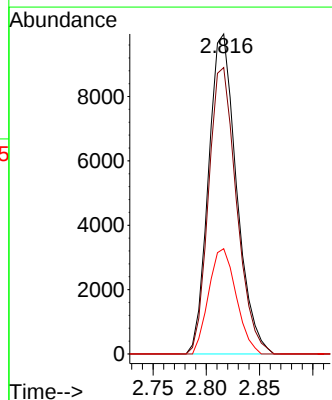
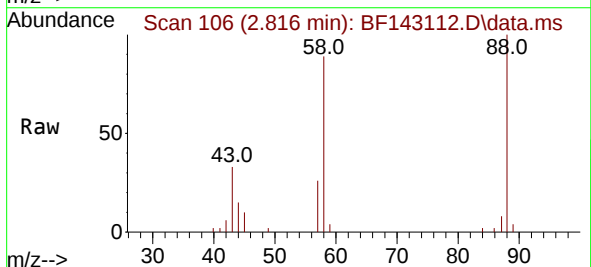
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

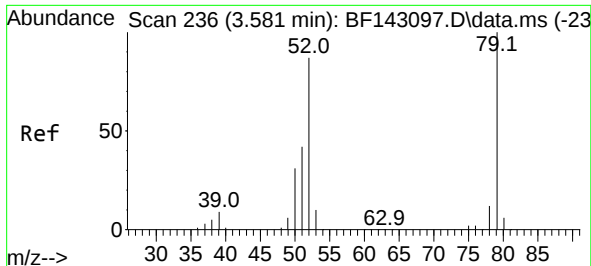
Tgt Ion:152 Resp: 151150
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.5 189.7
 115 60.5 47.0 70.6



#2
 1,4-Dioxane
 Concen: 3.825 ng
 RT: 2.816 min Scan# 106
 Delta R.T. 0.006 min
 Lab File: BF143112.D
 Acq: 16 Jul 2025 14:05

Tgt Ion: 88 Resp: 18218
 Ion Ratio Lower Upper
 88 100
 58 89.1 70.5 105.7
 43 32.2 27.3 40.9





#3

Pyridine

Concen: 3.788 ng

RT: 3.634 min Scan# 24

Delta R.T. 0.053 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

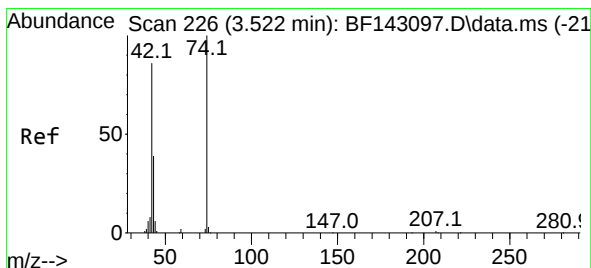
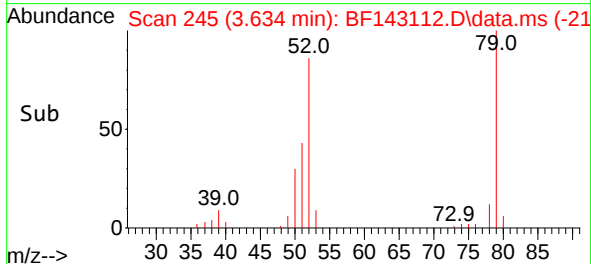
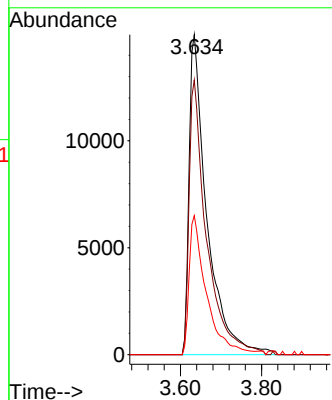
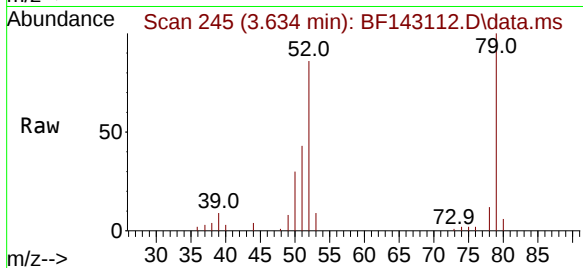
Tgt Ion: 79 Resp: 45684

Ion Ratio Lower Upper

79 100

52 85.8 69.2 103.8

51 43.5 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 3.580 ng

RT: 3.510 min Scan# 224

Delta R.T. -0.012 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

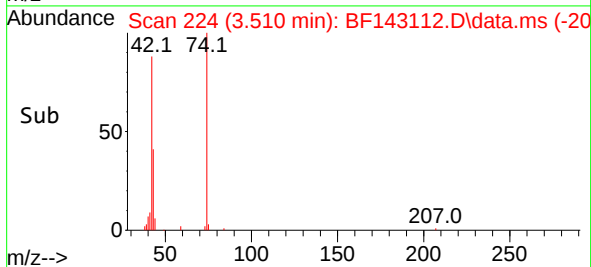
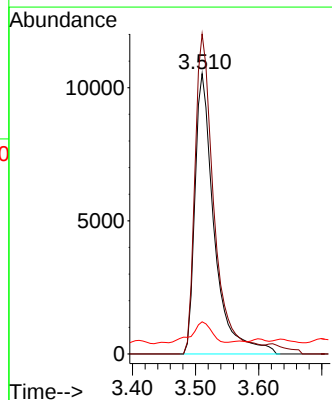
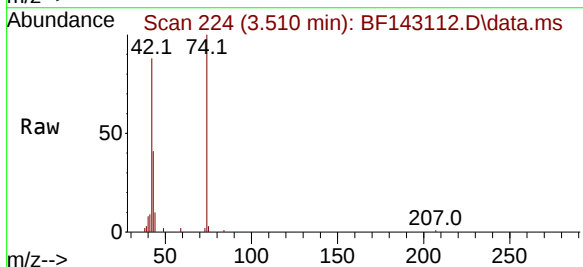
Tgt Ion: 42 Resp: 22366

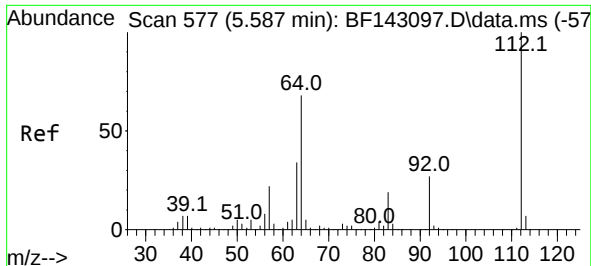
Ion Ratio Lower Upper

42 100

74 114.2 92.8 139.2

44 11.4 5.8 8.6#

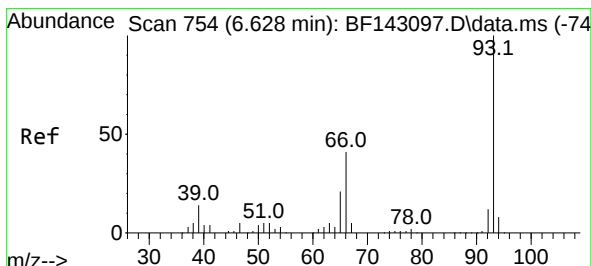
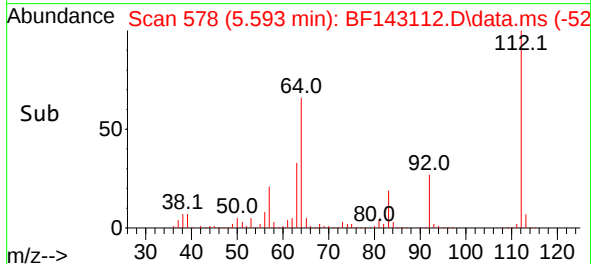
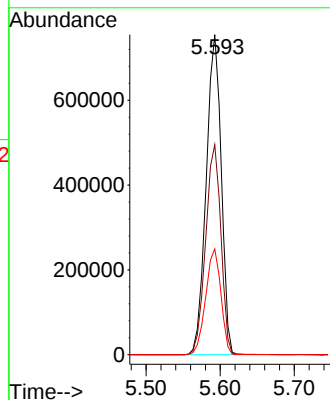
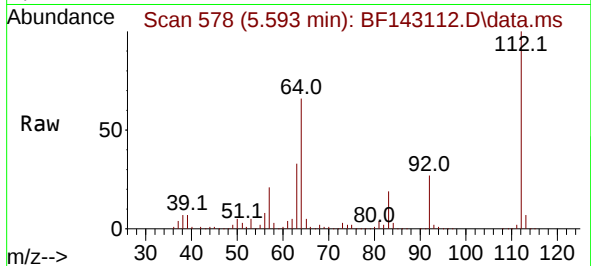




#5
2-Fluorophenol
Concen: 111.518 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

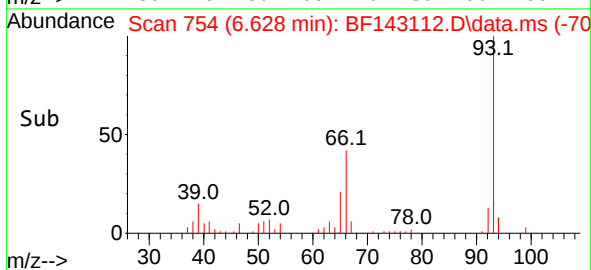
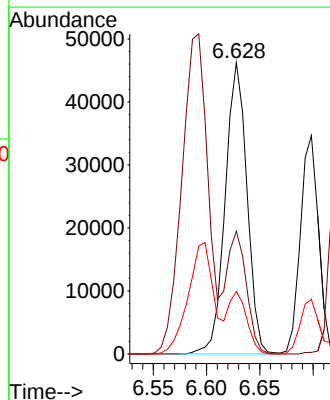
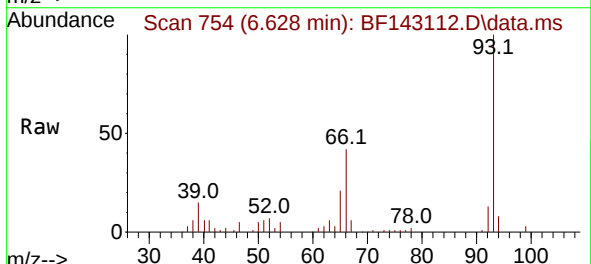
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

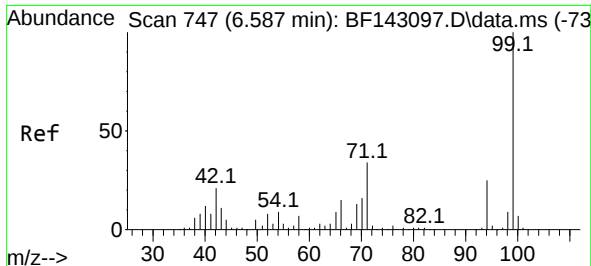
Tgt Ion:112 Resp: 1066877
Ion Ratio Lower Upper
112 100
64 65.6 54.6 82.0
63 33.1 27.3 40.9



#6
Aniline
Concen: 3.872 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion: 93 Resp: 65570
Ion Ratio Lower Upper
93 100
66 42.2 33.1 49.7
65 21.4 16.9 25.3

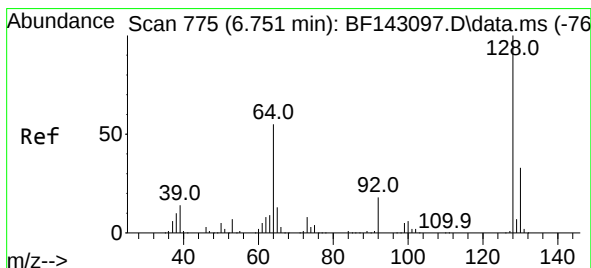
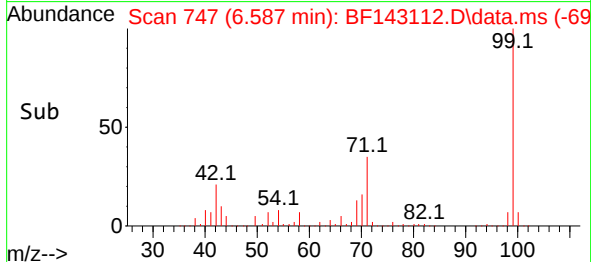
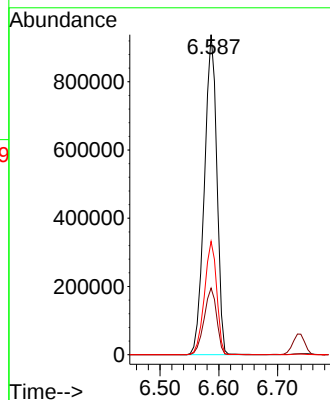
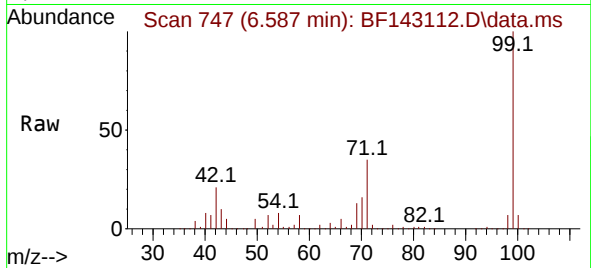




#7
Phenol-d6
Concen: 114.655 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

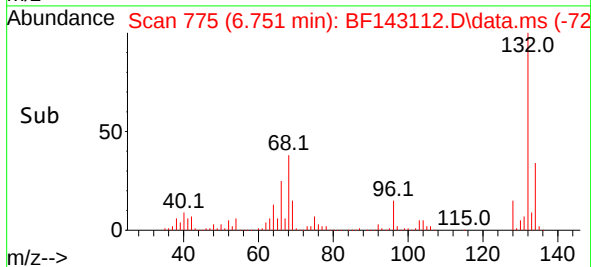
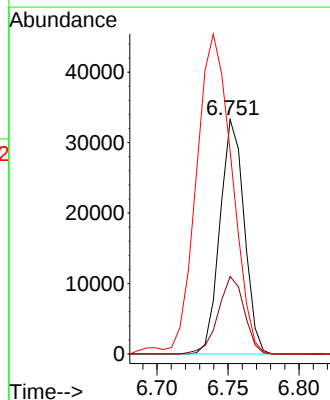
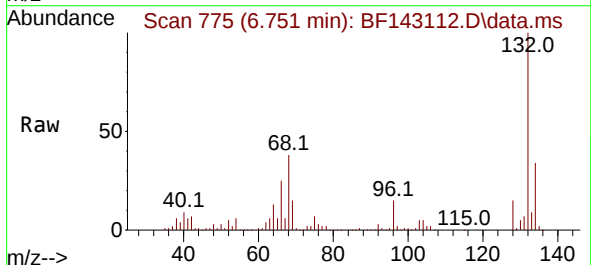
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

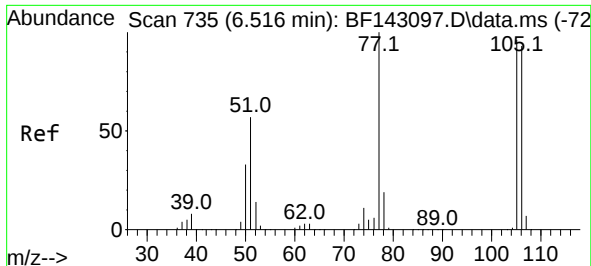
Tgt Ion: 99 Resp: 1378785
Ion Ratio Lower Upper
99 100
42 20.8 17.2 25.8
71 35.4 27.4 41.0



#8
2-Chlorophenol
Concen: 4.098 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.000 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:128 Resp: 39393
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 86.7 36.1 76.1#





#9

Benzaldehyde

Concen: 4.030 ng

RT: 6.516 min Scan# 714

Delta R.T. 0.000 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

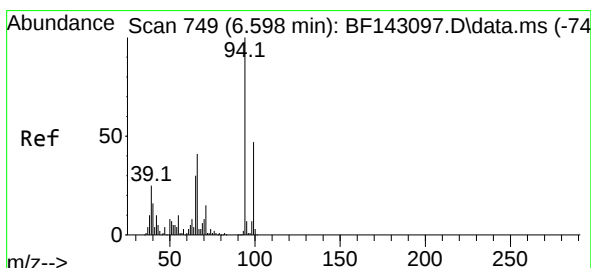
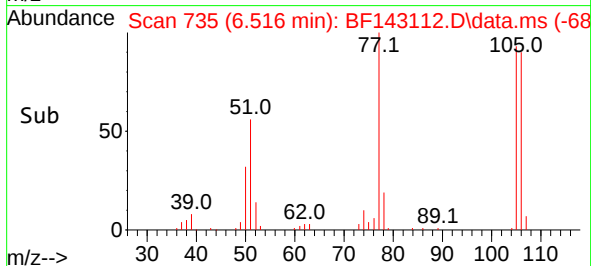
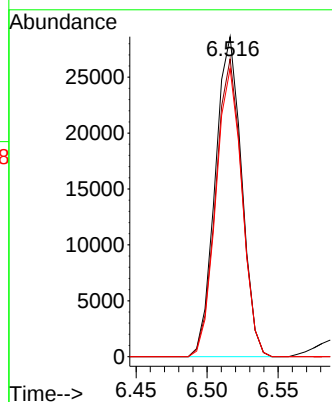
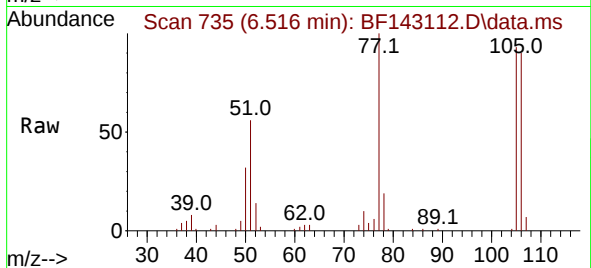
Tgt Ion: 77 Resp: 36931

Ion Ratio Lower Upper

77 100

105 93.1 76.3 116.3

106 90.1 72.8 112.8



#10

Phenol

Concen: 4.266 ng

RT: 6.598 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

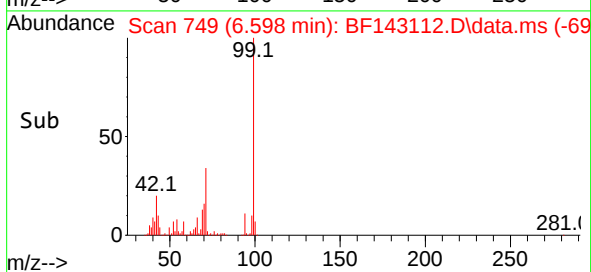
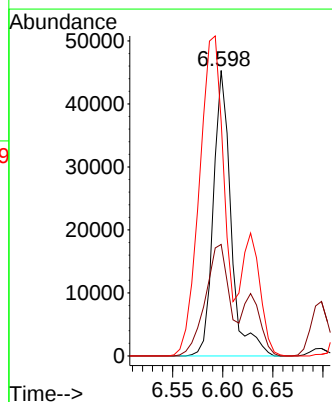
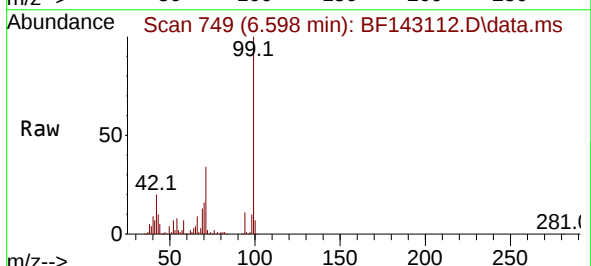
Tgt Ion: 94 Resp: 55540

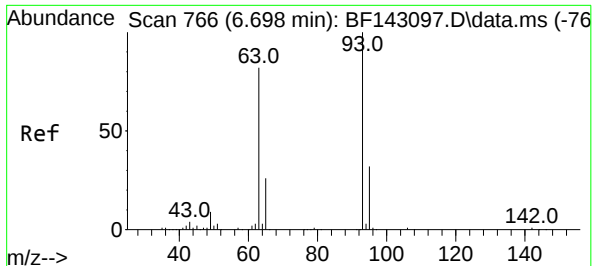
Ion Ratio Lower Upper

94 100

65 39.1 9.8 49.8

66 82.2 20.5 60.5#

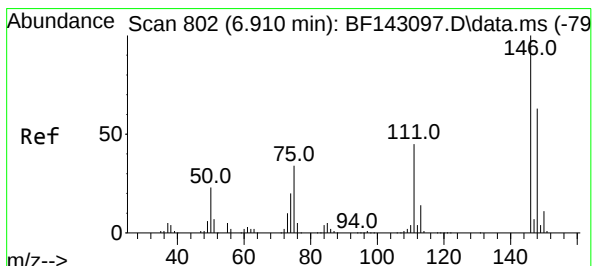
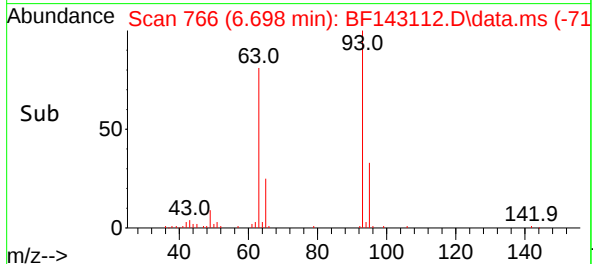
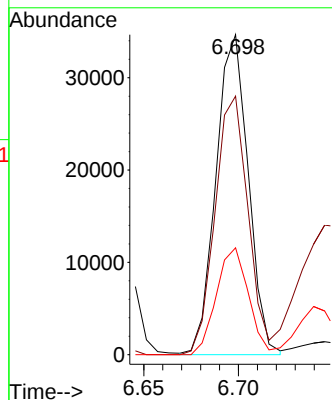
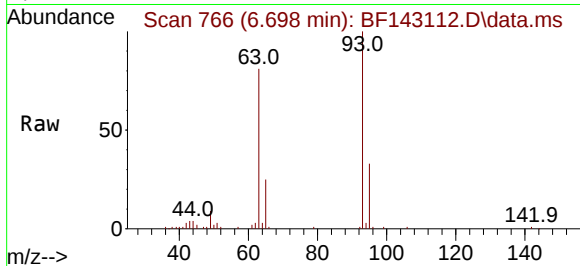




#11
bis(2-Chloroethyl)ether
Concen: 4.078 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

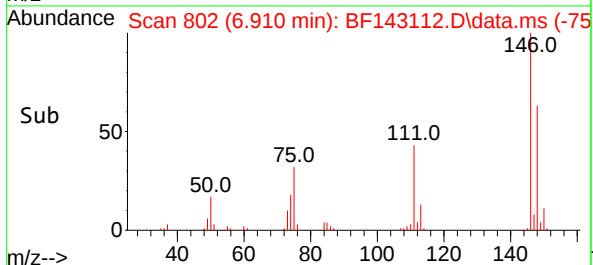
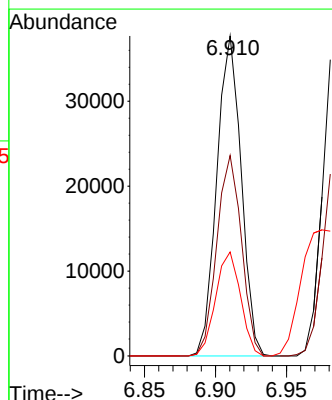
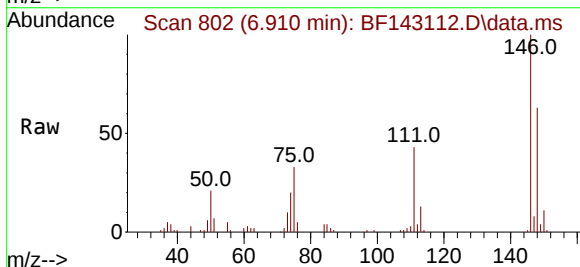
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

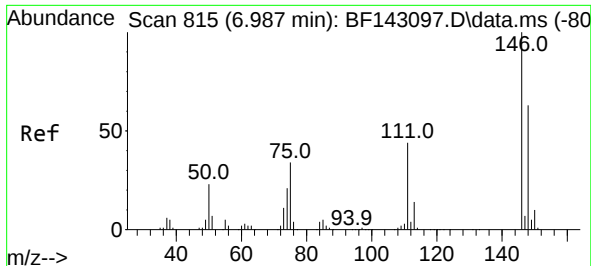
Tgt Ion: 93	Resp: 41097
Ion Ratio	Lower Upper
93 100	
63 80.8	61.9 101.9
95 33.4	12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 4.145 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:146	Resp: 45009
Ion Ratio	Lower Upper
146 100	
148 62.7	50.1 75.1
75 32.5	27.4 41.0





#13

1,4-Dichlorobenzene

Concen: 4.198 ng

RT: 6.987 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

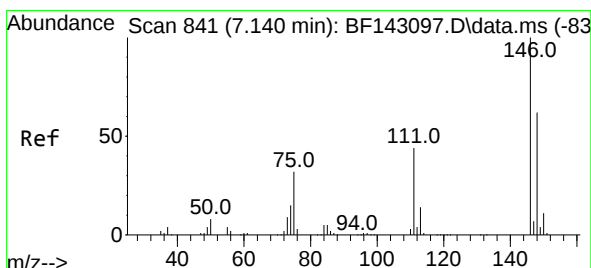
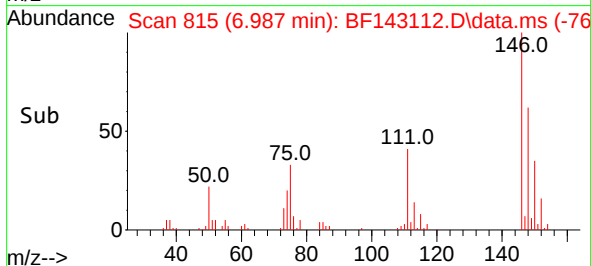
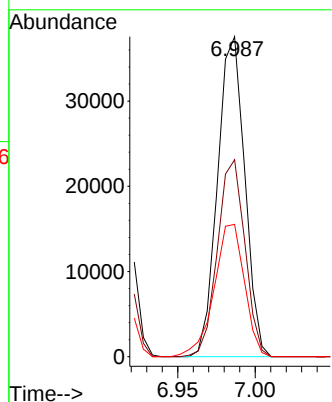
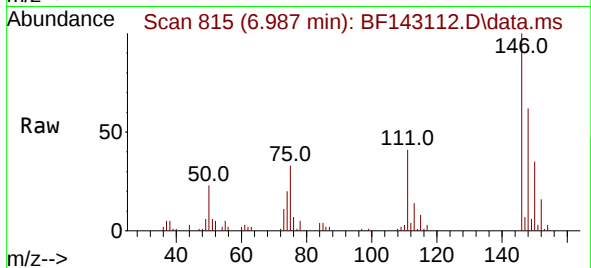
Tgt Ion:146 Resp: 45862

Ion Ratio Lower Upper

146 100

148 61.6 50.6 76.0

111 41.3 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 4.122 ng

RT: 7.140 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

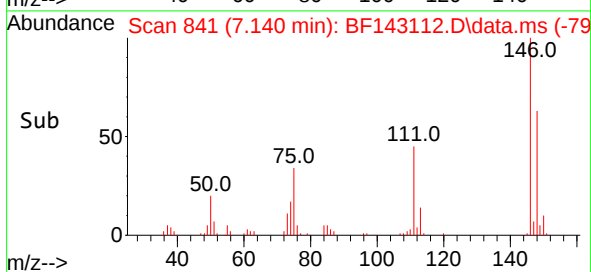
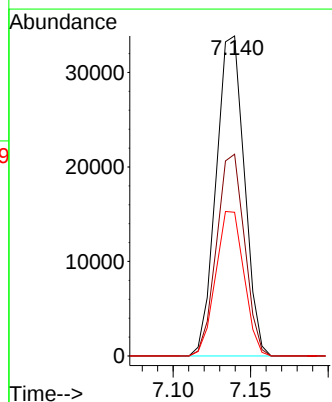
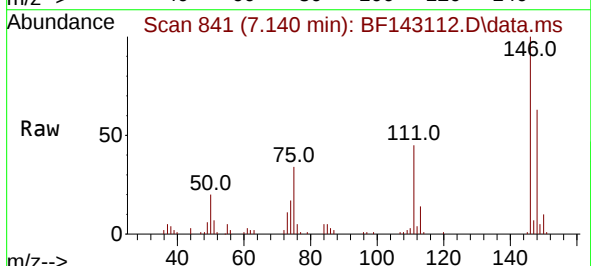
Tgt Ion:146 Resp: 42940

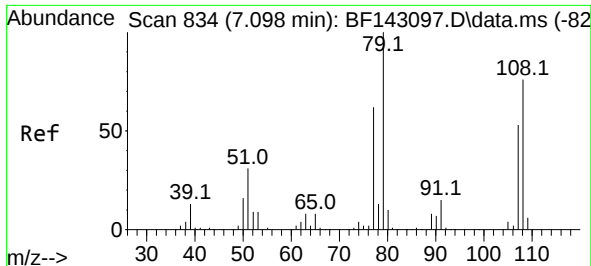
Ion Ratio Lower Upper

146 100

148 63.0 49.8 74.6

111 44.9 35.4 53.0

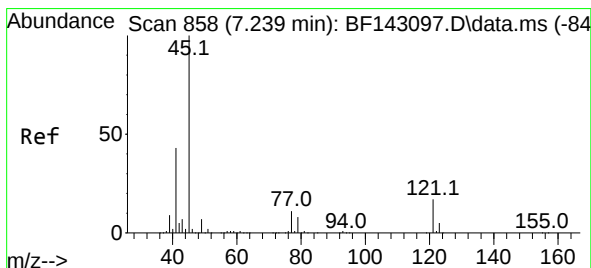
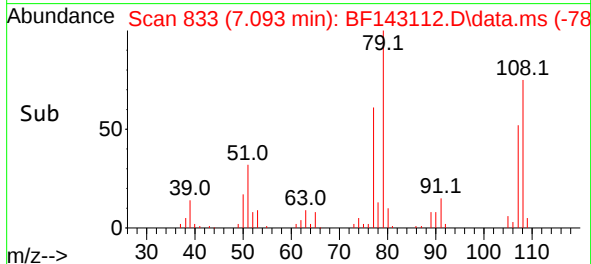
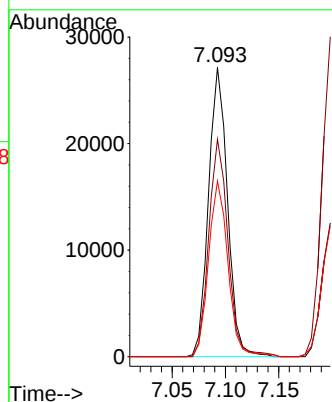
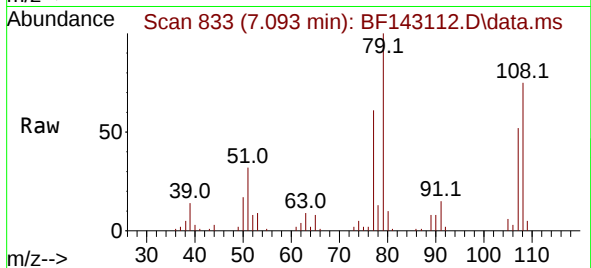




#15
Benzyl Alcohol
Concen: 3.777 ng
RT: 7.093 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

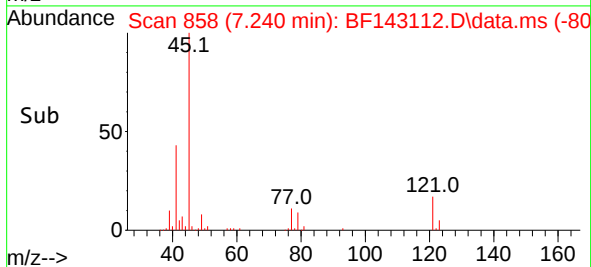
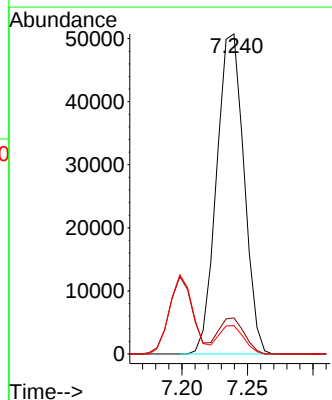
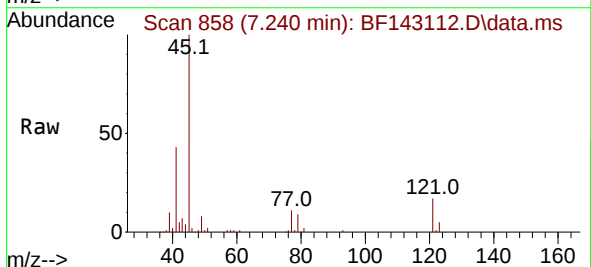
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

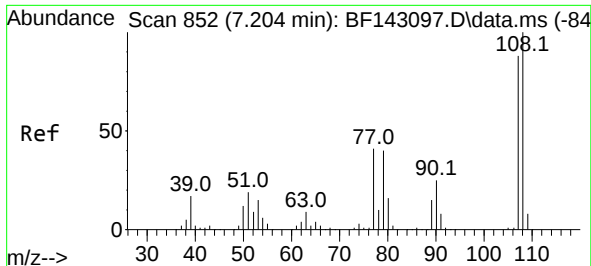
Tgt Ion: 79 Resp: 33653
Ion Ratio Lower Upper
79 100
108 75.1 61.1 91.7
77 60.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.961 ng
RT: 7.240 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

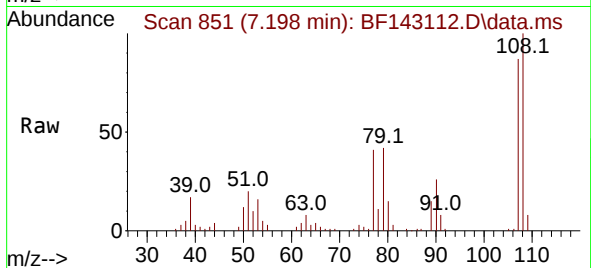
Tgt Ion: 45 Resp: 73584
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.1
79 8.8 0.0 28.4



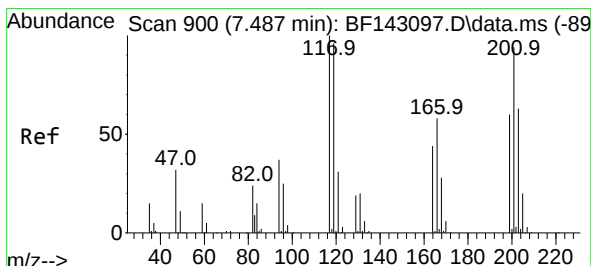
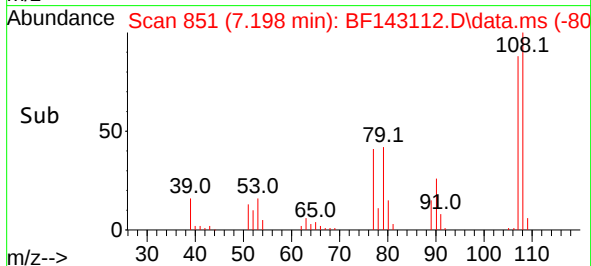
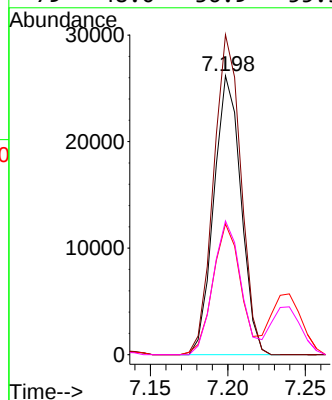


#17
2-Methylphenol
Concen: 3.846 ng
RT: 7.198 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

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

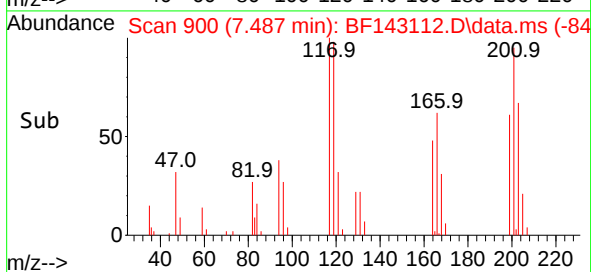
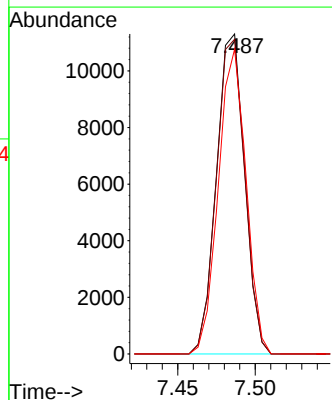
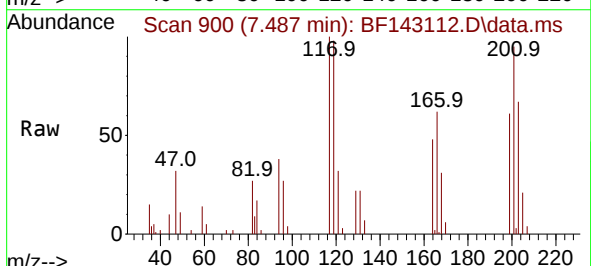


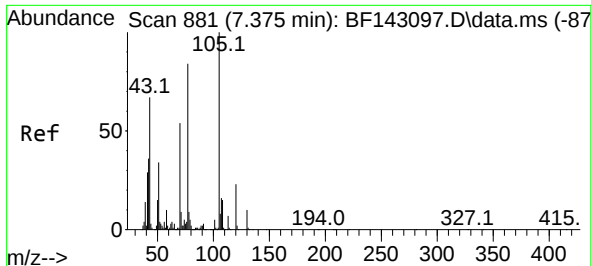
Tgt Ion:	107	Resp:	31900
Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.9	136.3
77	46.8	37.5	56.3
79	48.0	36.9	55.3



#18
Hexachloroethane
Concen: 4.041 ng
RT: 7.487 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:	117	Resp:	14372
Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.7	115.1
201	95.3	75.0	112.4

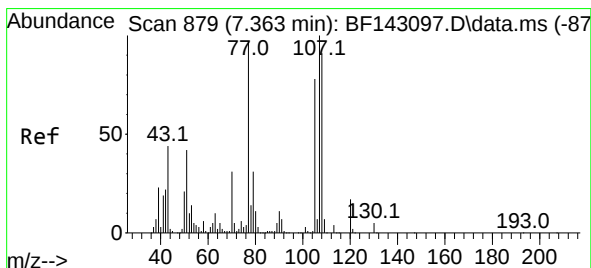
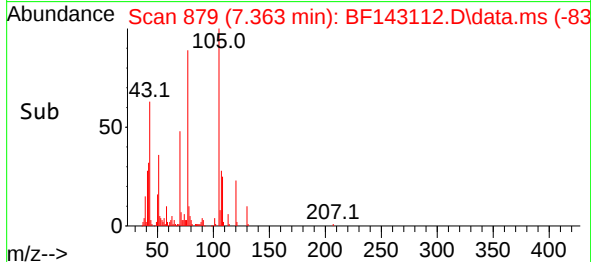
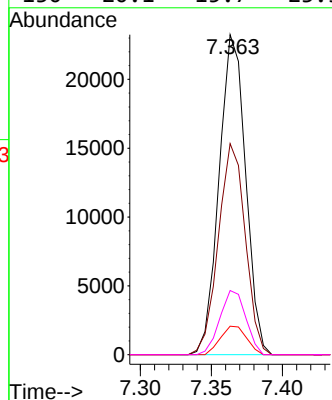
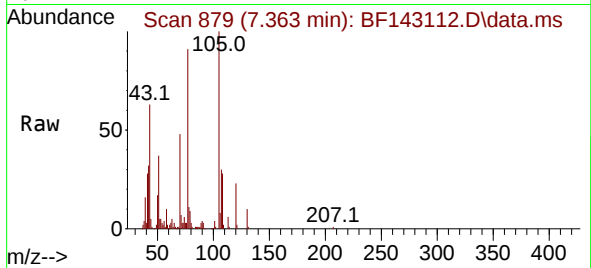




#19
n-Nitroso-di-n-propylamine
Concen: 4.098 ng
RT: 7.363 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

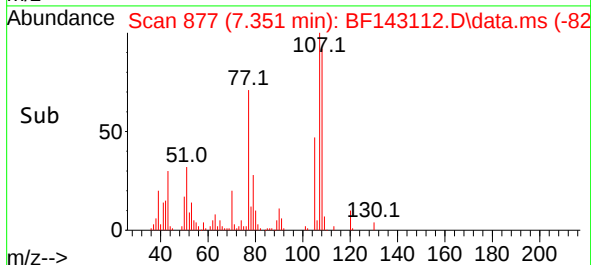
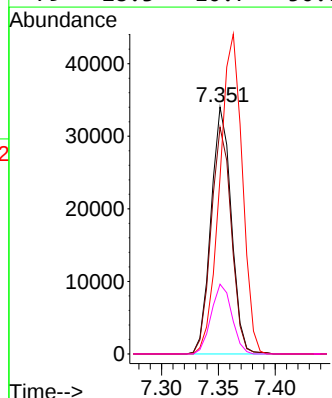
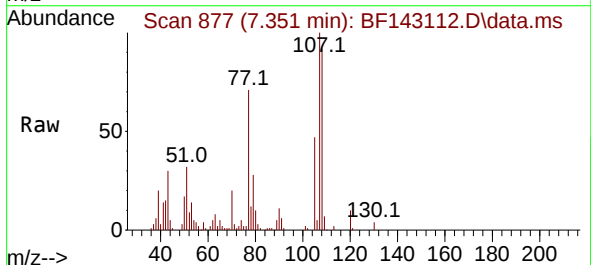
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

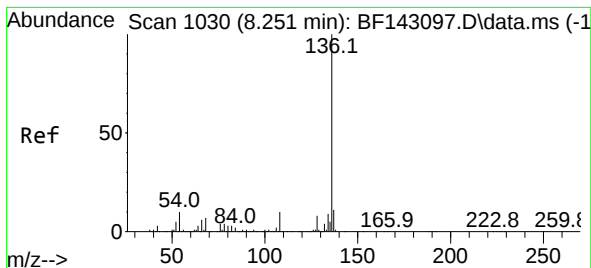
Tgt Ion:	70	Resp:	30190
Ion	Ratio	Lower	Upper
70	100		
42	66.0	53.2	79.8
101	8.9	7.5	11.3
130	20.1	15.7	23.5



#20
3+4-Methylphenols
Concen: 4.149 ng
RT: 7.351 min Scan# 877
Delta R.T. -0.012 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:	107	Resp:	42204
Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.3	111.3
77	71.5	77.2	117.2#
79	28.3	10.7	50.7

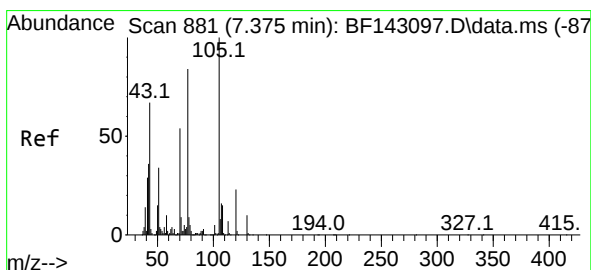
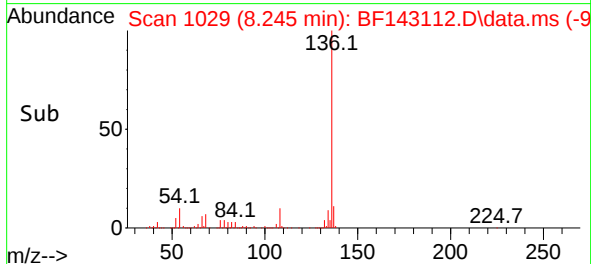
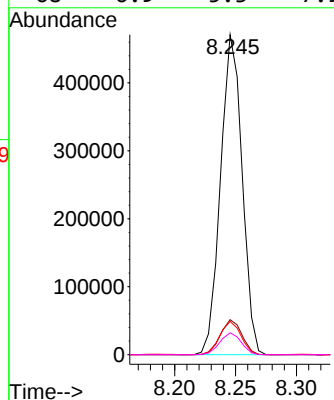
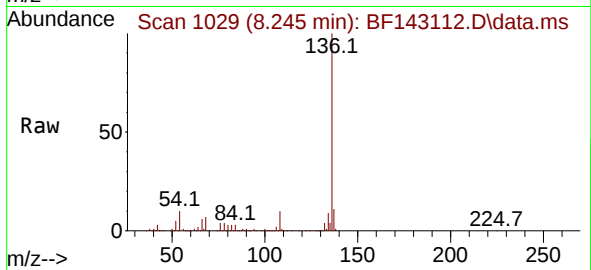




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

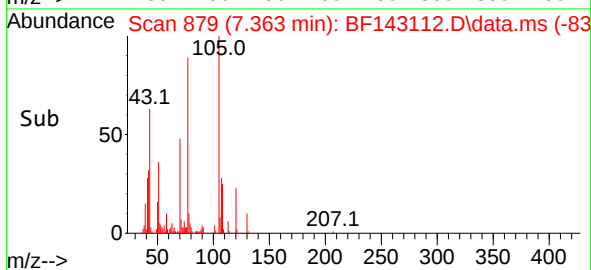
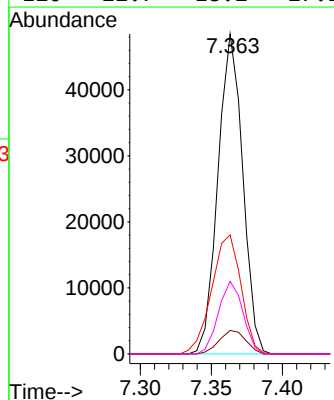
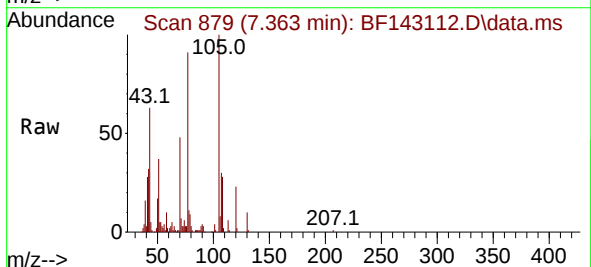
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

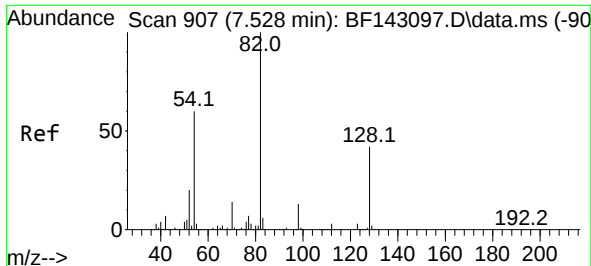
Tgt Ion:	136	Resp:	580950
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	10.4	8.3	12.5
68	6.9	5.3	7.9



#22
Acetophenone
Concen: 4.189 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:	105	Resp:	58671
Ion Ratio	Lower	Upper	
105	100		
71	7.4	7.2	10.8
51	37.2	27.0	40.4
120	22.7	18.2	27.2

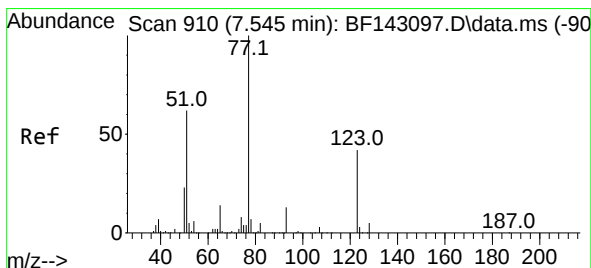
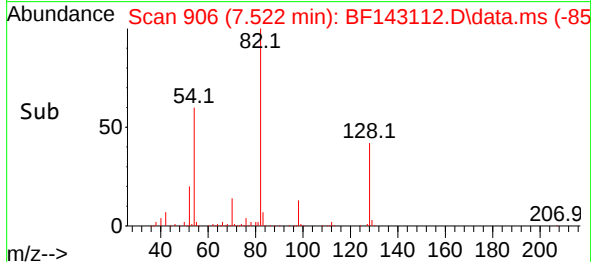
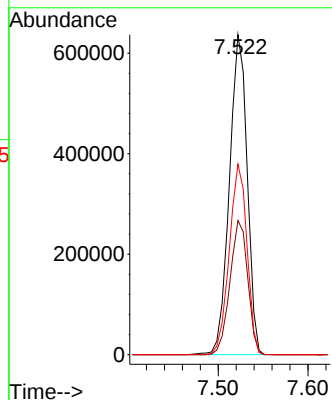
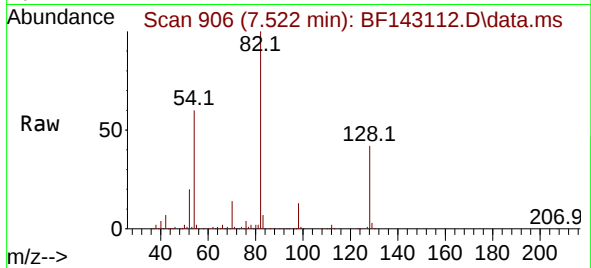




#23
Nitrobenzene-d5
Concen: 84.584 ng
RT: 7.522 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

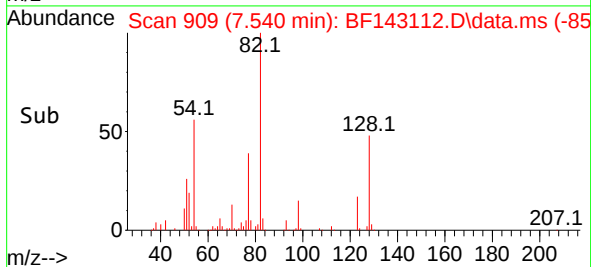
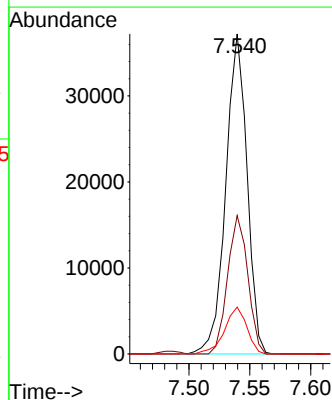
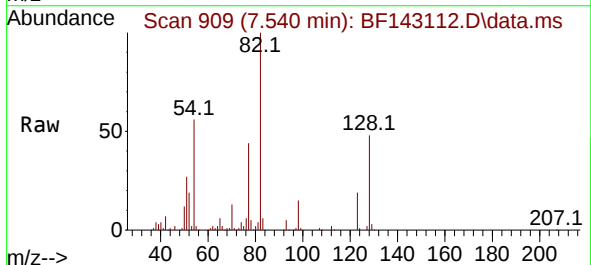
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

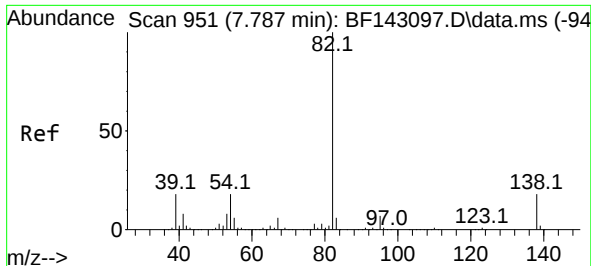
Tgt Ion: 82 Resp: 875953
Ion Ratio Lower Upper
82 100
128 41.9 33.3 49.9
54 59.5 47.4 71.2



#24
Nitrobenzene
Concen: 4.517 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion: 77 Resp: 45155
Ion Ratio Lower Upper
77 100
123 43.2 34.5 51.7
65 14.6 11.3 16.9

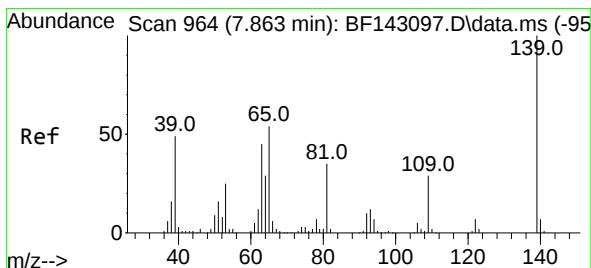
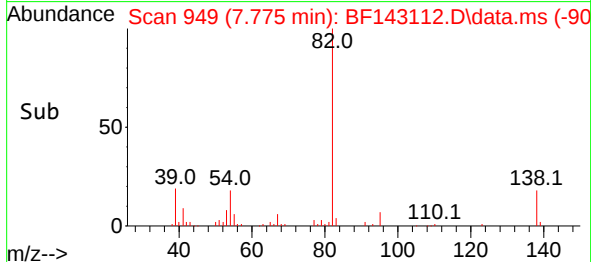
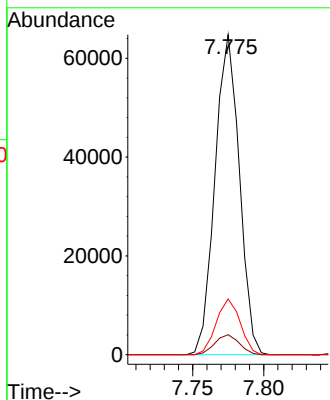
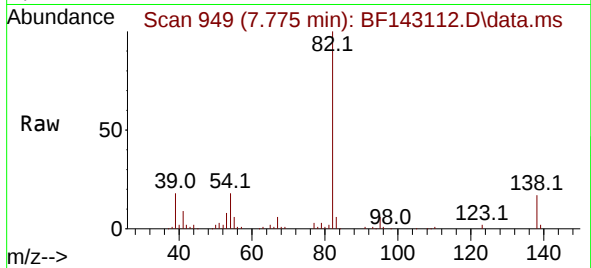




#25
Isophorone
Concen: 3.852 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.012 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

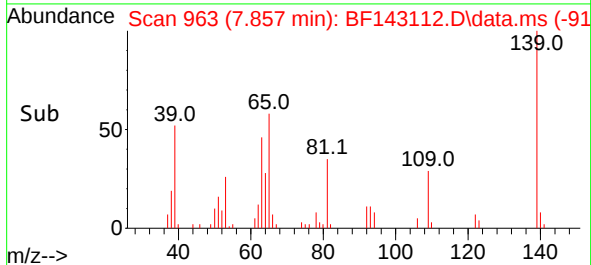
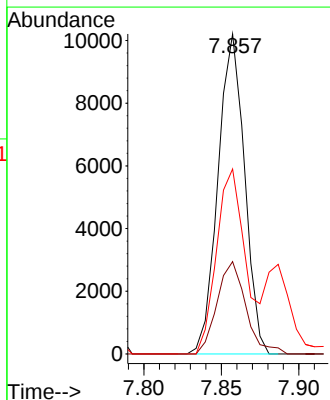
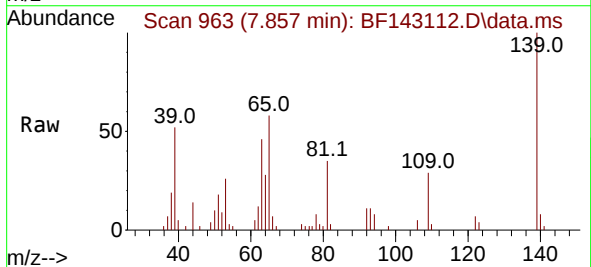
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

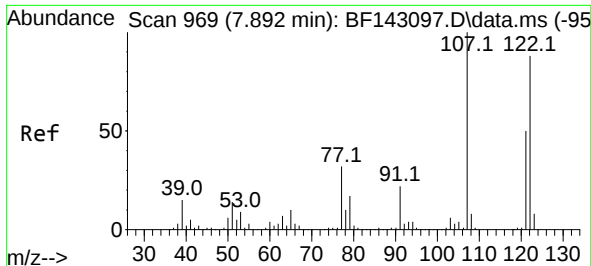
Tgt Ion: 82 Resp: 77102
Ion Ratio Lower Upper
82 100
95 6.3 5.6 8.4
138 17.4 14.3 21.5



#26
2-Nitrophenol
Concen: 6.725 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:139 Resp: 12161
Ion Ratio Lower Upper
139 100
109 28.8 23.4 35.0
65 57.8 43.4 65.2

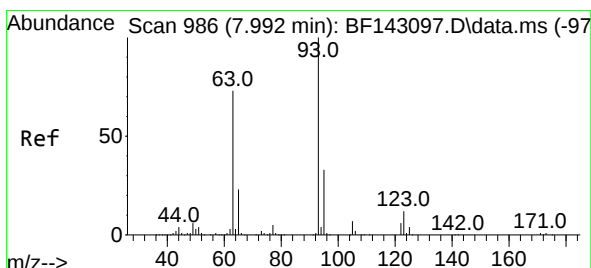
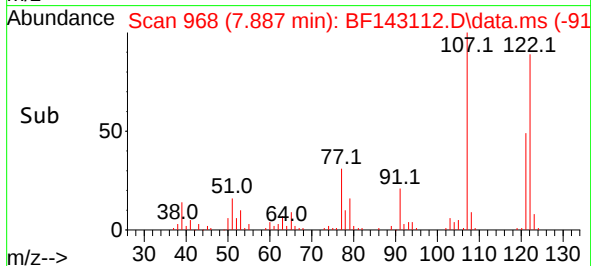
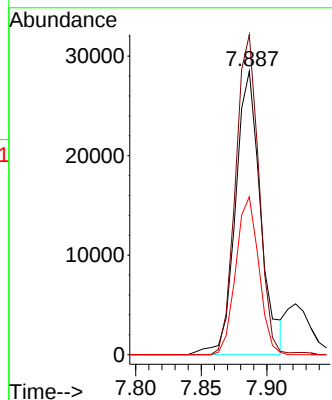
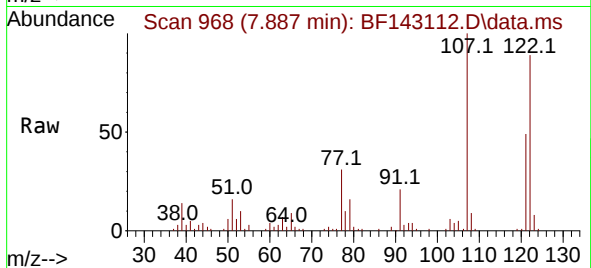




#27
2,4-Dimethylphenol
Concen: 4.081 ng
RT: 7.887 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

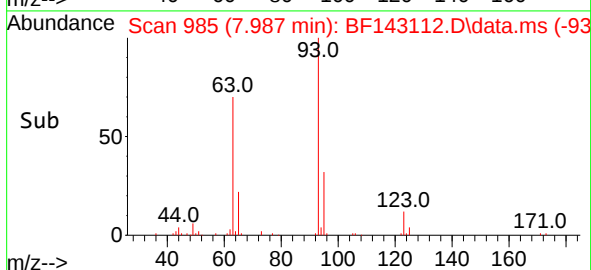
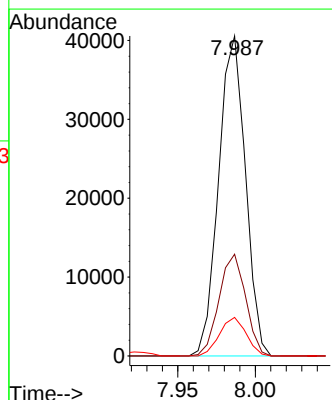
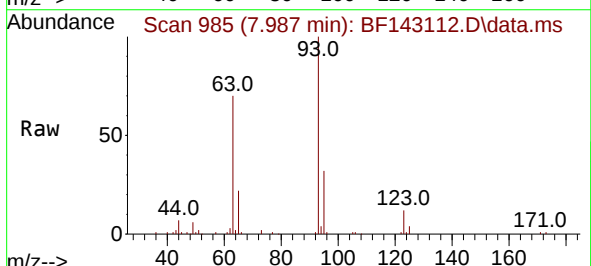
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

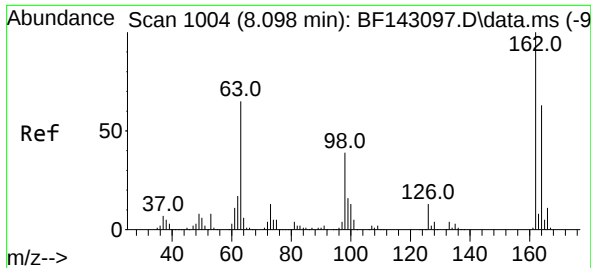
Tgt Ion:122 Resp: 37914
Ion Ratio Lower Upper
122 100
107 112.9 91.3 136.9
121 55.7 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 4.022 ng
RT: 7.987 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion: 93 Resp: 48815
Ion Ratio Lower Upper
93 100
95 31.8 26.2 39.4
123 12.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 3.788 ng

RT: 8.092 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

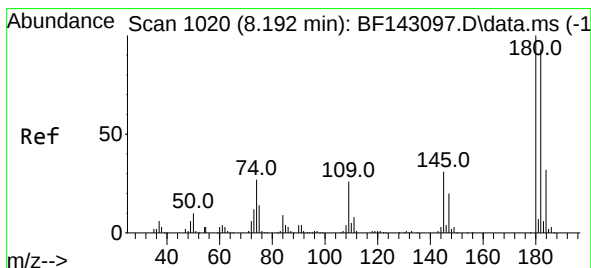
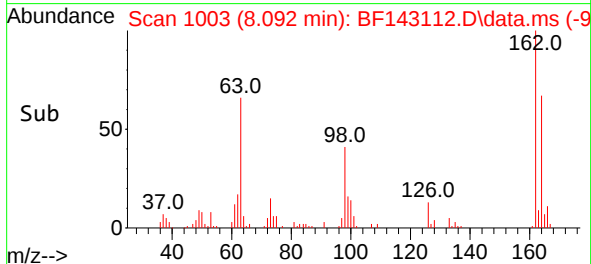
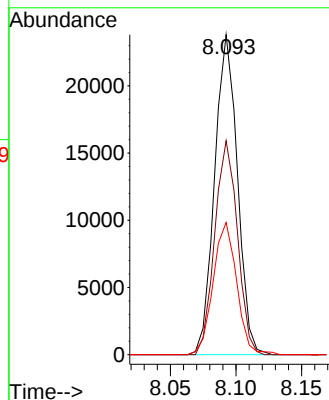
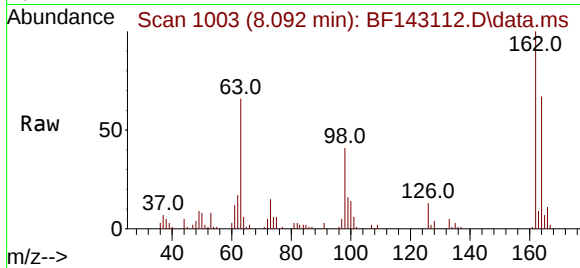
Tgt Ion:162 Resp: 28793

Ion Ratio Lower Upper

162 100

164 66.9 43.1 83.1

98 41.3 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 4.128 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

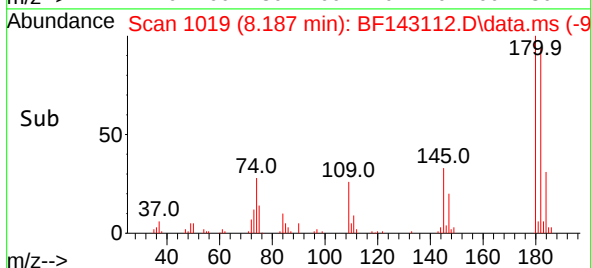
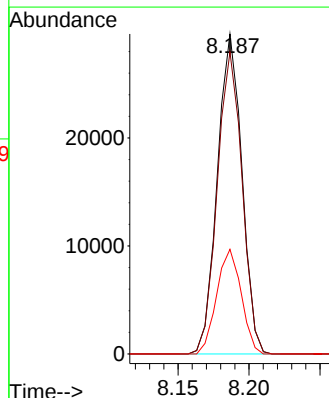
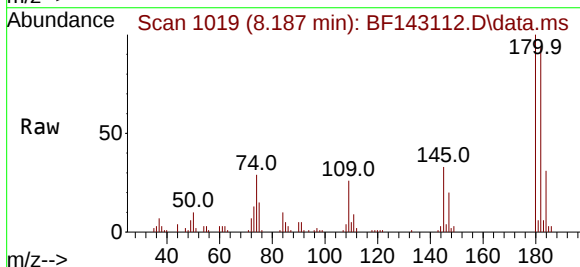
Tgt Ion:180 Resp: 35606

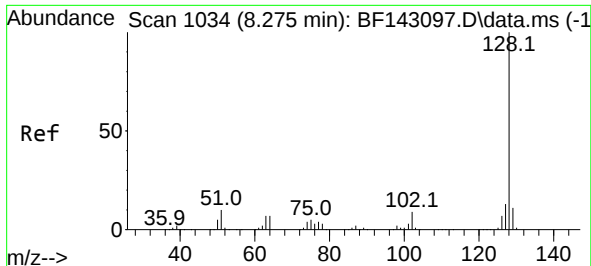
Ion Ratio Lower Upper

180 100

182 94.4 74.7 112.1

145 32.7 24.5 36.7

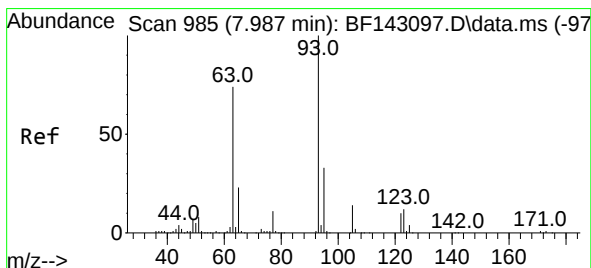
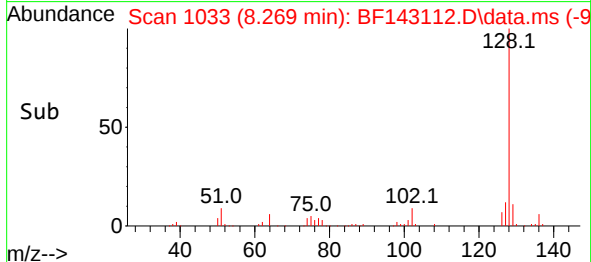
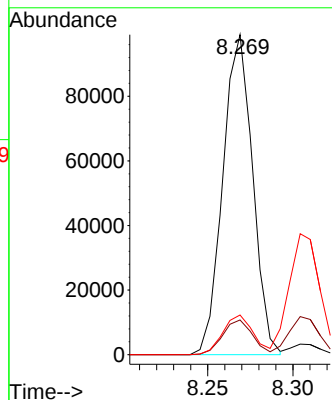
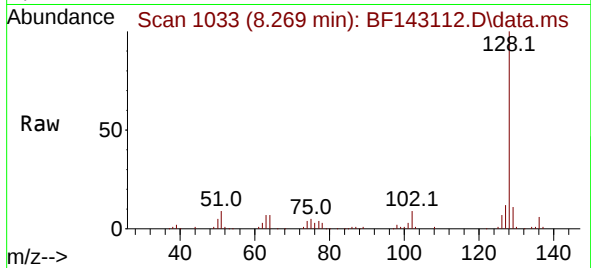




#31
Naphthalene
Concen: 4.176 ng
RT: 8.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

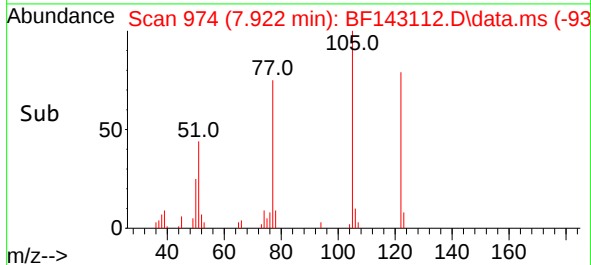
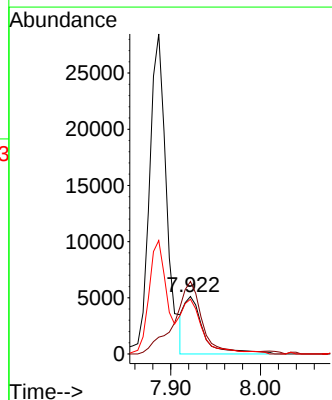
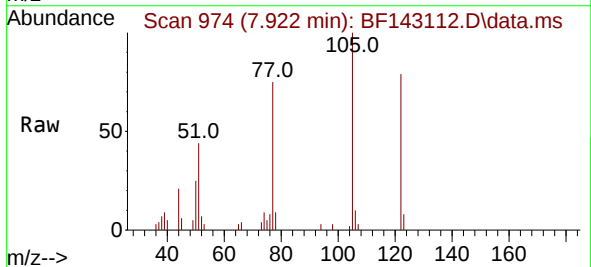
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

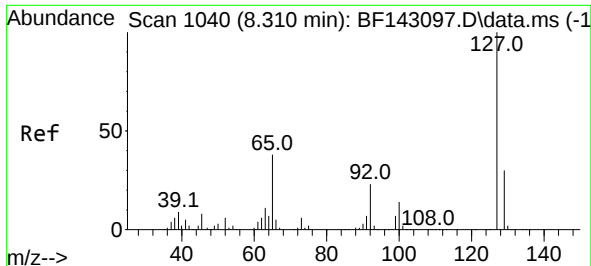
Tgt Ion:128 Resp: 120474
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.4 10.5 15.7



#32
Benzoic acid
Concen: 7.959 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.065 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:122 Resp: 7703
Ion Ratio Lower Upper
122 100
105 126.1 105.4 145.4
77 95.1 78.6 118.6

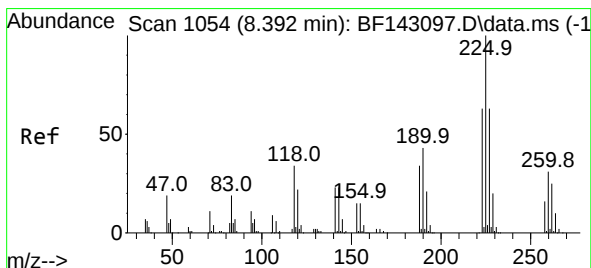
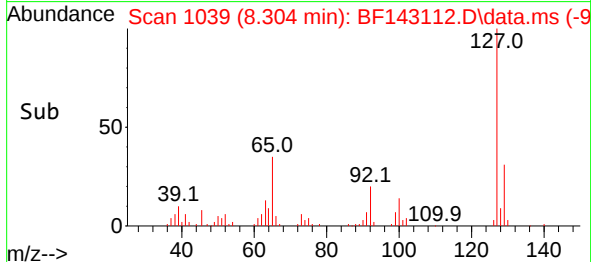
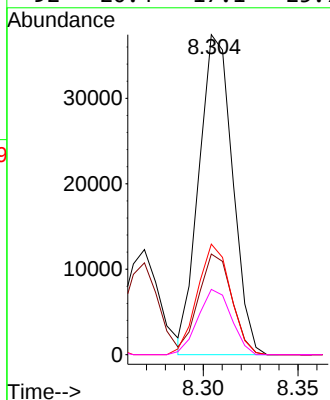
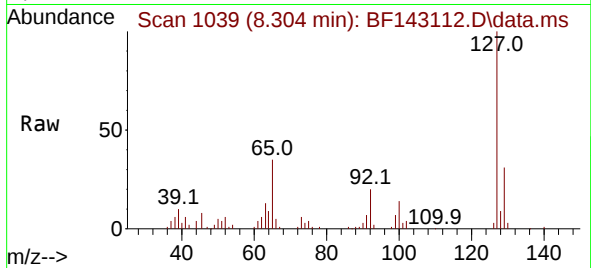




#33
4-Chloroaniline
Concen: 3.983 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

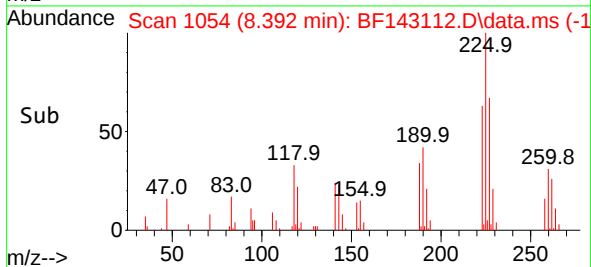
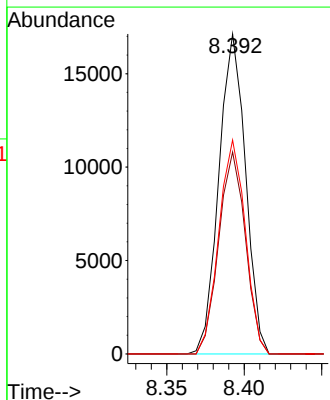
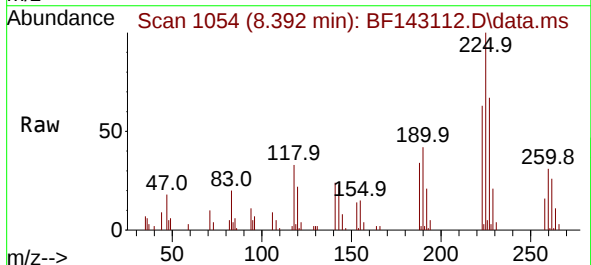
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

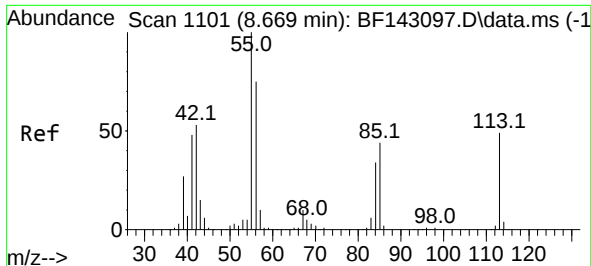
Tgt Ion:127	Resp:	46206
Ion Ratio	Lower	Upper
127	100	
129	31.5	26.2 39.4
65	34.5	28.6 42.8
92	20.4	17.1 25.7



#34
Hexachlorobutadiene
Concen: 3.968 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:225	Resp:	20469
Ion Ratio	Lower	Upper
225	100	
223	63.1	50.3 75.5
227	66.8	50.1 75.1

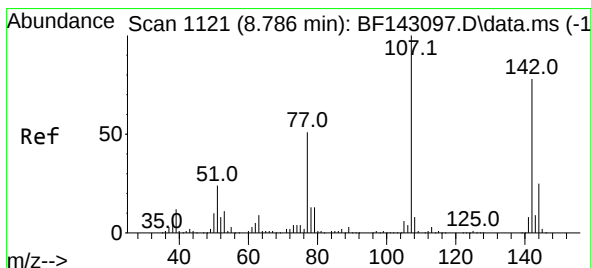
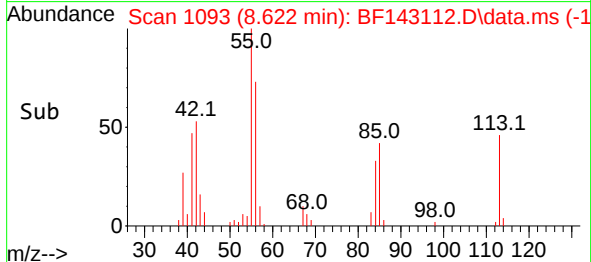
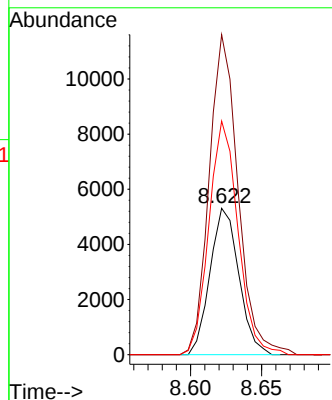
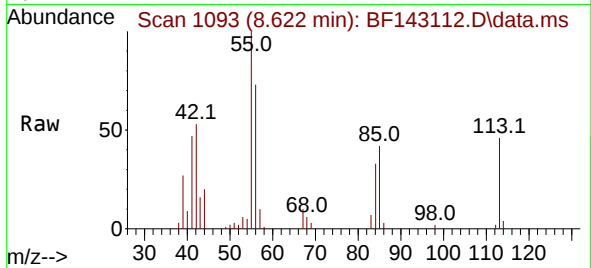




#35
 Caprolactam
 Concen: 3.163 ng
 RT: 8.622 min Scan# 1101
 Delta R.T. -0.047 min
 Lab File: BF143112.D
 Acq: 16 Jul 2025 14:05

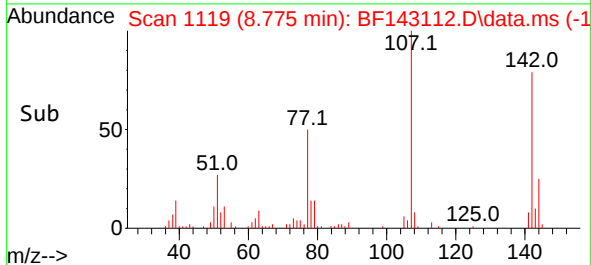
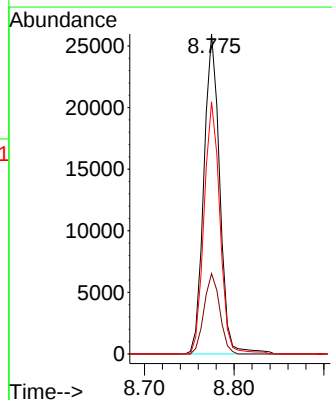
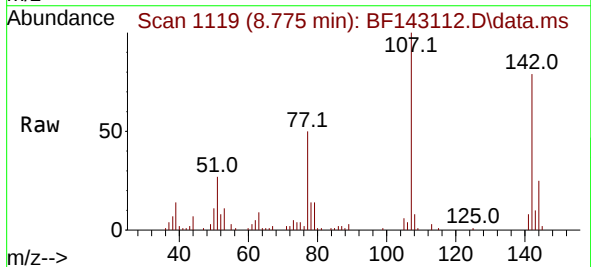
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

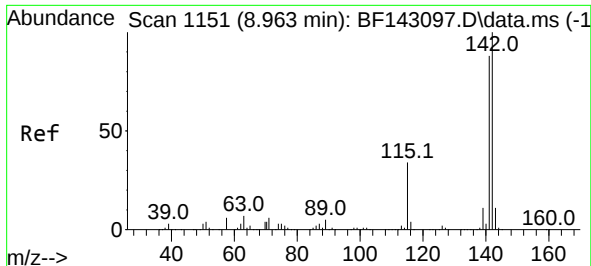
Tgt Ion:113 Resp: 7507
 Ion Ratio Lower Upper
 113 100
 55 218.6 186.2 226.2
 56 159.6 134.1 174.1



#36
 4-Chloro-3-methylphenol
 Concen: 3.768 ng
 RT: 8.775 min Scan# 1119
 Delta R.T. -0.012 min
 Lab File: BF143112.D
 Acq: 16 Jul 2025 14:05

Tgt Ion:107 Resp: 31905
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.2 30.2
 142 78.8 62.4 93.6

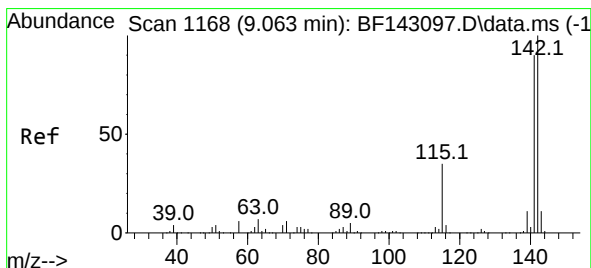
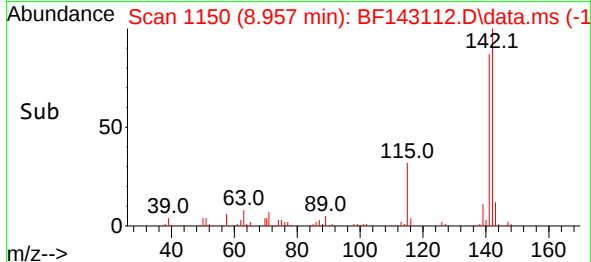
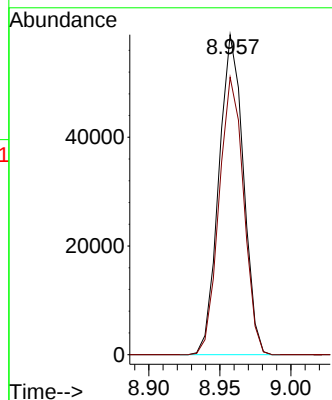
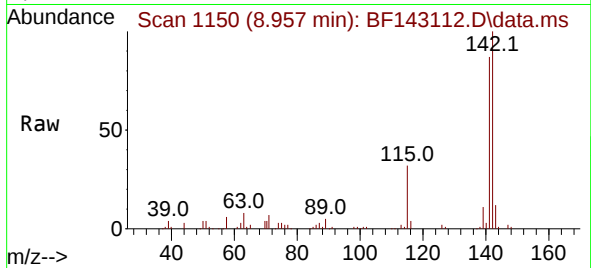




#37
2-Methylnaphthalene
Concen: 4.108 ng
RT: 8.957 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

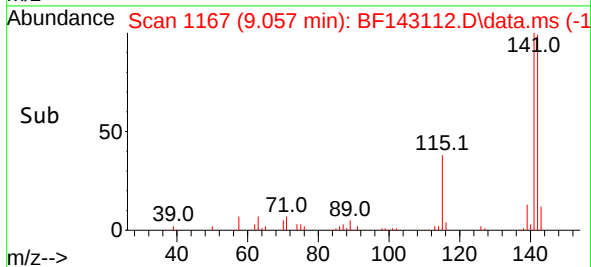
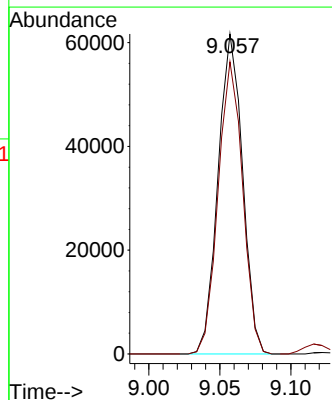
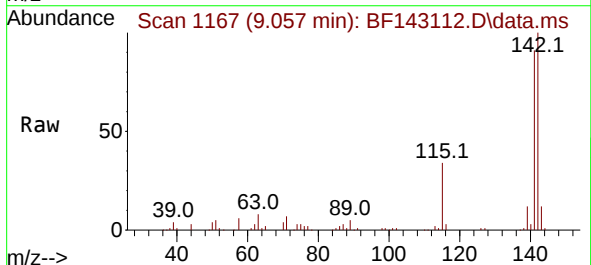
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

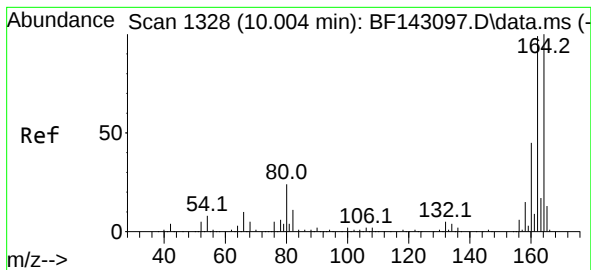
Tgt Ion:142 Resp: 70698
Ion Ratio Lower Upper
142 100
141 86.7 70.2 105.2



#38
1-Methylnaphthalene
Concen: 4.140 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:142 Resp: 73895
Ion Ratio Lower Upper
142 100
141 91.3 72.2 108.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143112.D

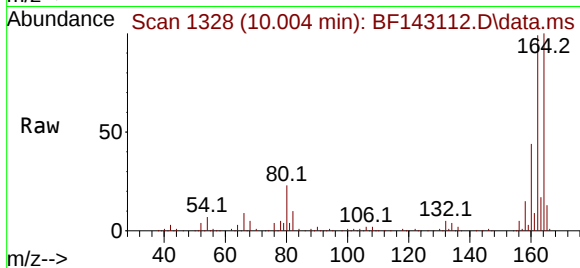
Acq: 16 Jul 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



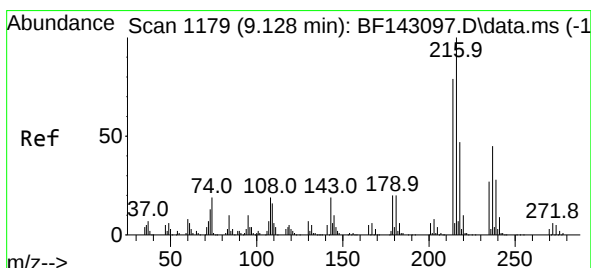
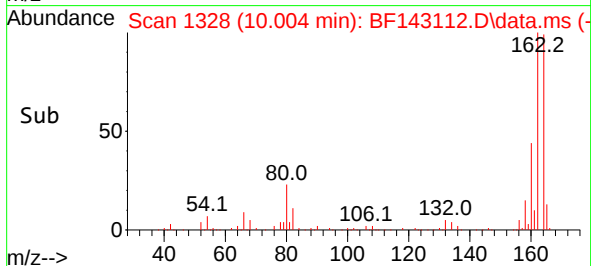
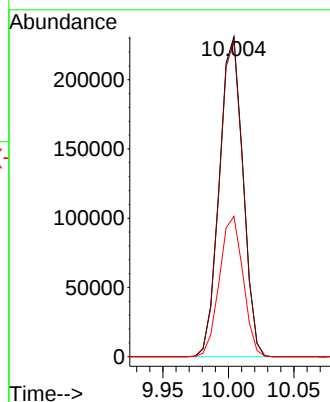
Tgt Ion:164 Resp: 289252

Ion Ratio Lower Upper

164 100

162 98.8 79.0 118.6

160 43.9 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.189 ng

RT: 9.122 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

Tgt Ion:216 Resp: 35307

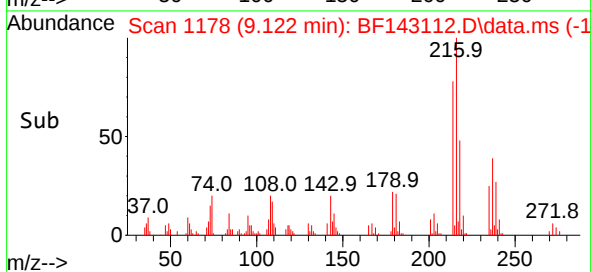
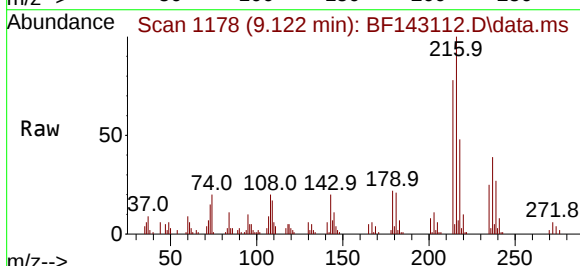
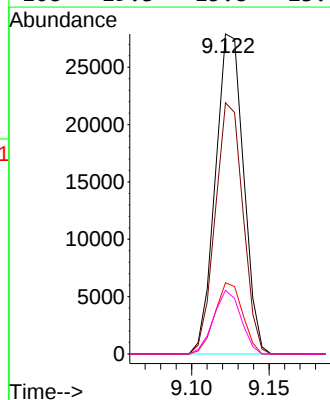
Ion Ratio Lower Upper

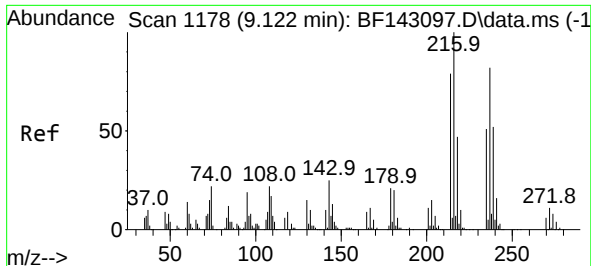
216 100

214 77.2 62.6 94.0

179 21.9 16.2 24.2

108 19.3 15.8 23.6

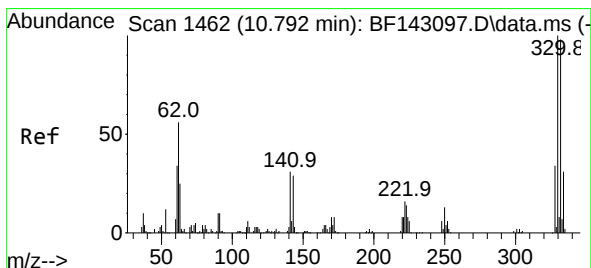
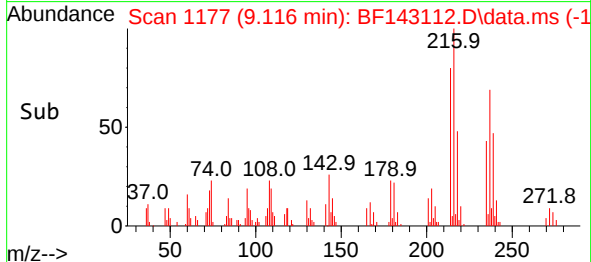
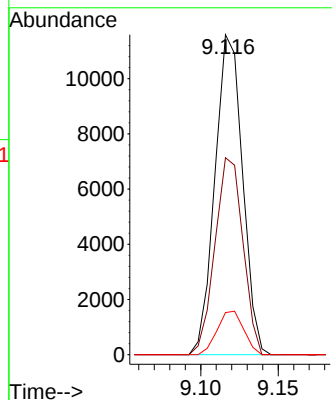
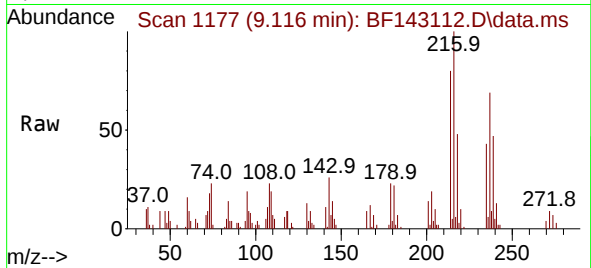




#41
Hexachlorocyclopentadiene
Concen: 3.074 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

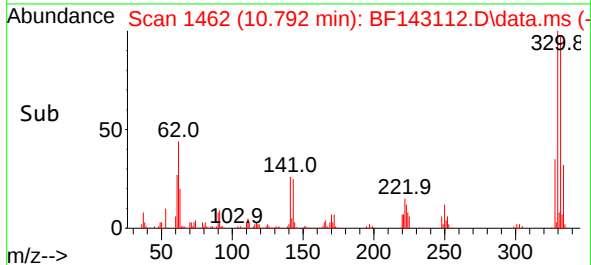
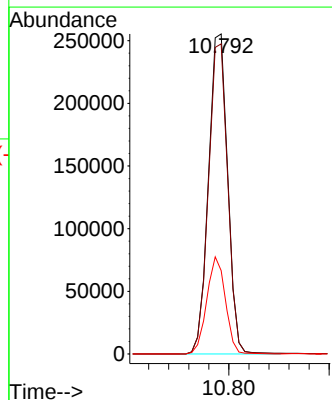
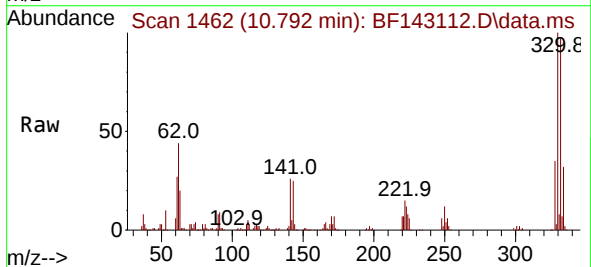
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

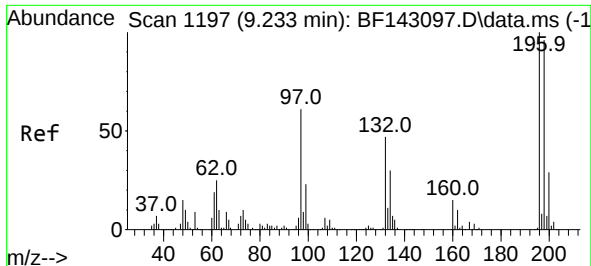
Tgt Ion:237	Resp:	14365
Ion Ratio	Lower	Upper
237	100	
235	61.6	41.6 81.6
272	13.2	0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 131.432 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:330	Resp:	338978
Ion Ratio	Lower	Upper
330	100	
332	97.3	77.9 116.9
141	29.5	25.9 38.9





#43

2,4,6-Trichlorophenol

Concen: 3.819 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF143112.D

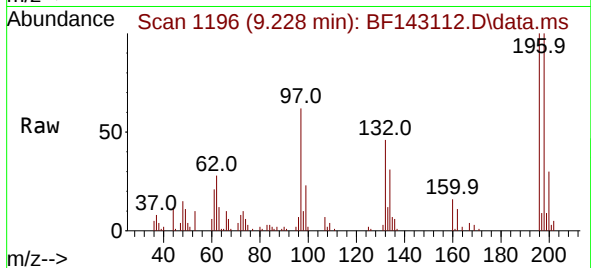
Acq: 16 Jul 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



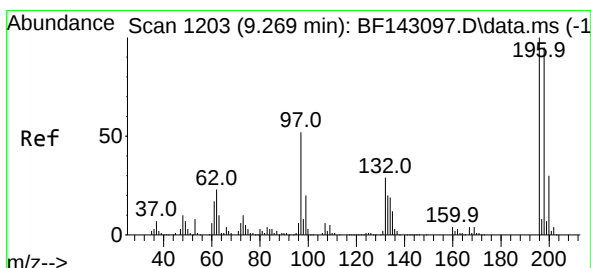
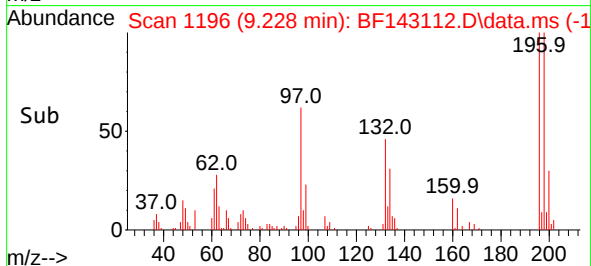
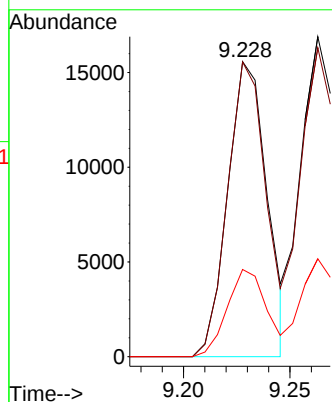
Tgt Ion:196 Resp: 20005

Ion Ratio Lower Upper

196 100

198 99.9 76.9 115.3

200 29.5 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 3.863 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

Tgt Ion:196 Resp: 21215

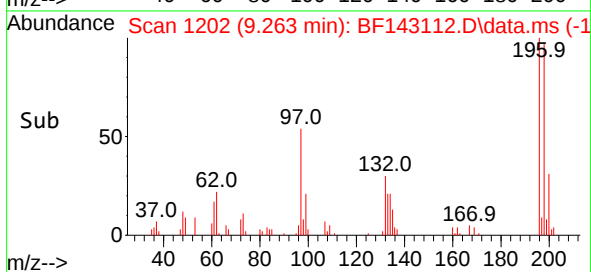
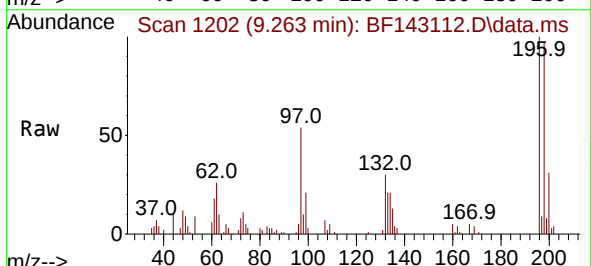
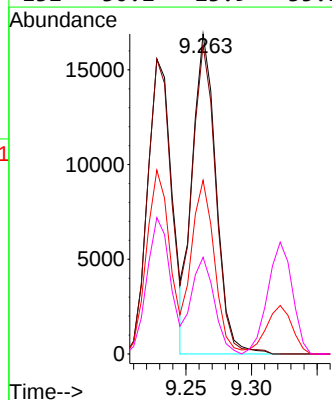
Ion Ratio Lower Upper

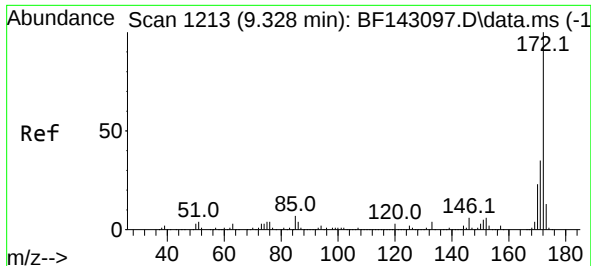
196 100

198 96.5 76.4 114.6

97 54.3 42.4 63.6

132 30.2 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 72.802 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143112.D

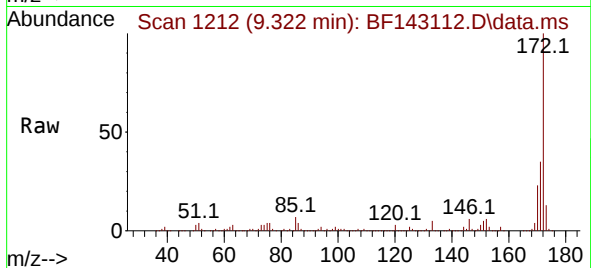
Acq: 16 Jul 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



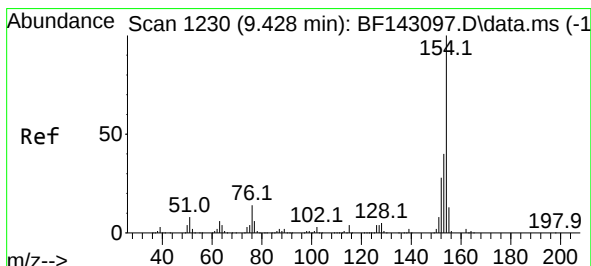
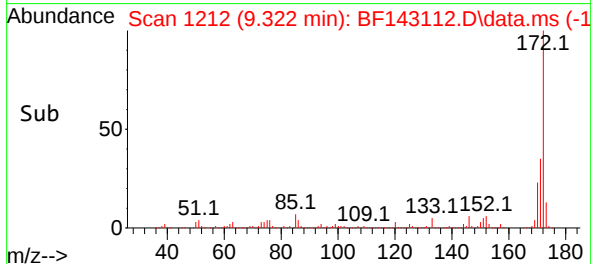
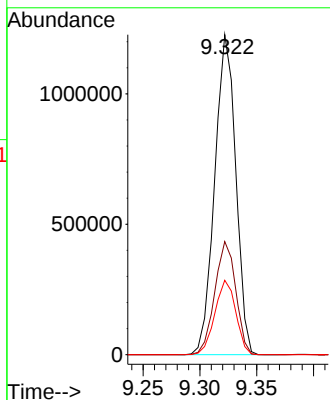
Tgt Ion:172 Resp: 1584185

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 4.216 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

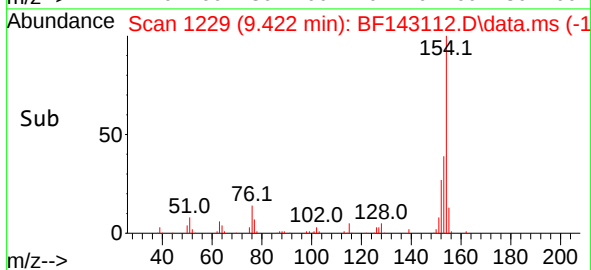
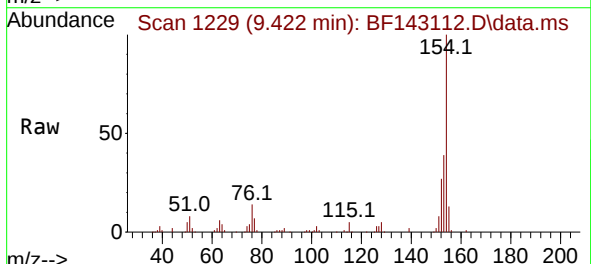
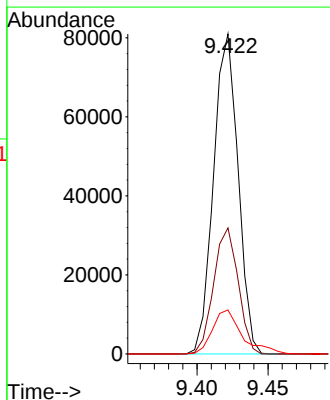
Tgt Ion:154 Resp: 97247

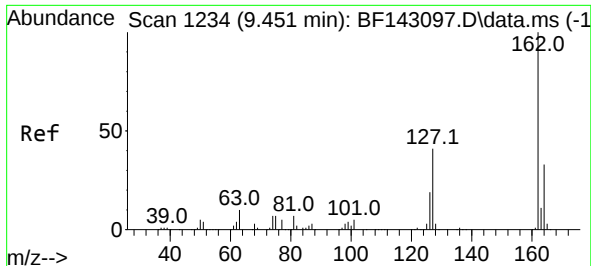
Ion Ratio Lower Upper

154 100

153 39.4 20.1 60.1

76 13.8 0.0 33.7

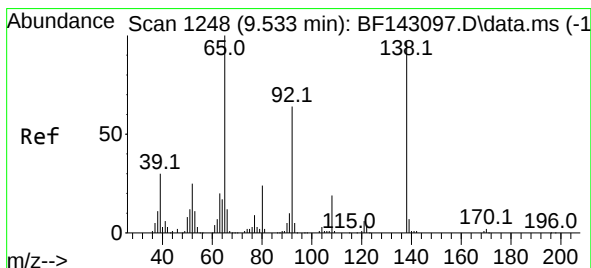
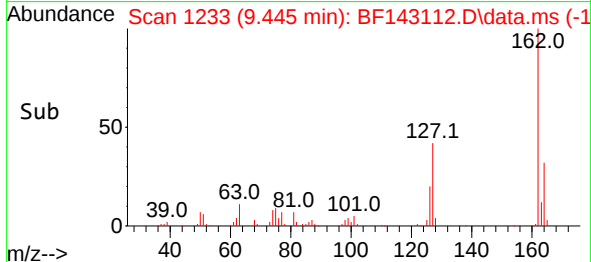
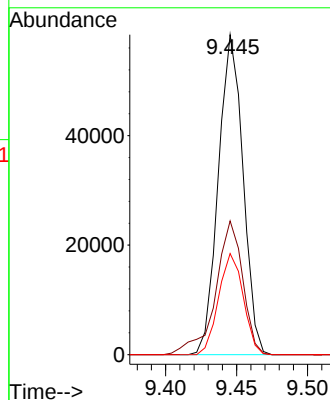
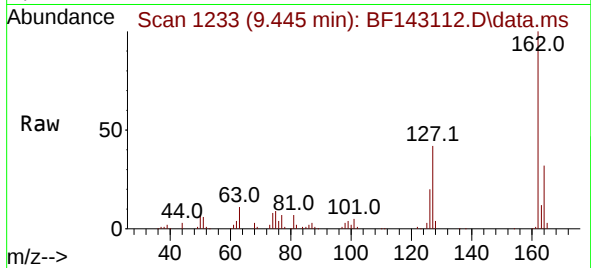




#47
2-Chloronaphthalene
Concen: 4.163 ng
RT: 9.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

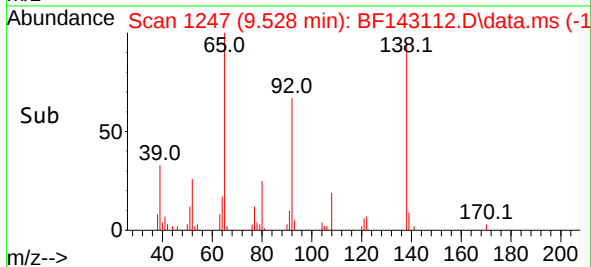
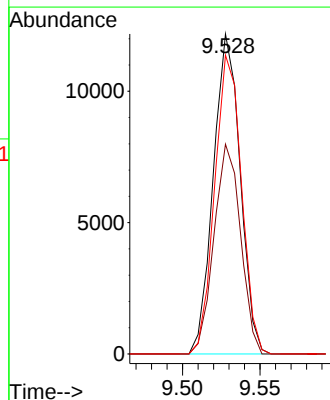
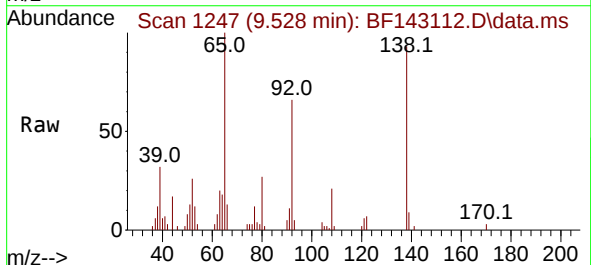
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

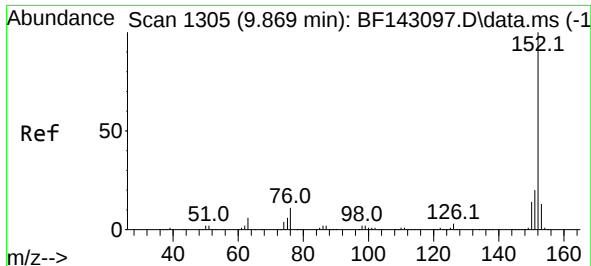
Tgt Ion:162 Resp: 70537
Ion Ratio Lower Upper
162 100
127 41.8 33.0 49.6
164 31.6 26.1 39.1



#48
2-Nitroaniline
Concen: 5.879 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.005 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion: 65 Resp: 14647
Ion Ratio Lower Upper
65 100
92 65.6 51.3 76.9
138 93.4 77.8 116.6

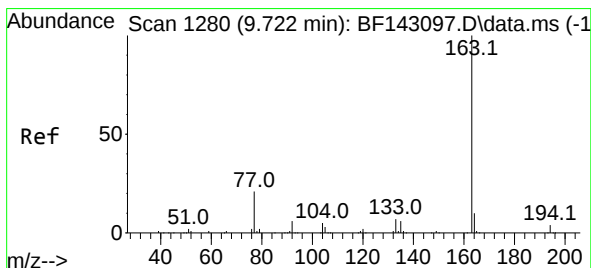
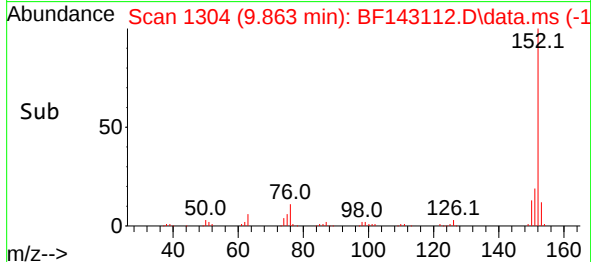
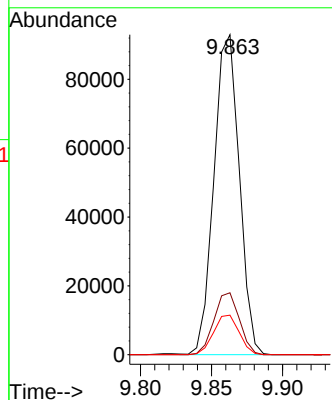
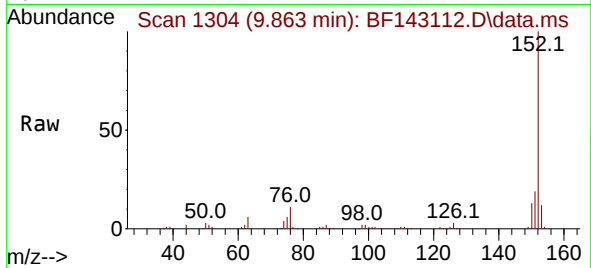




#49
Acenaphthylene
Concen: 4.091 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

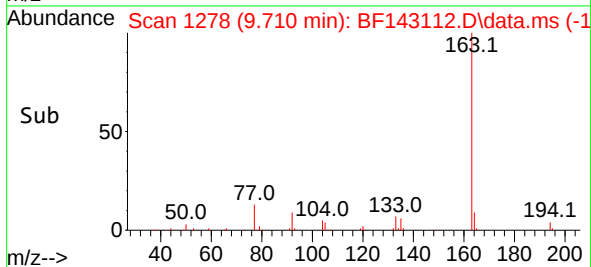
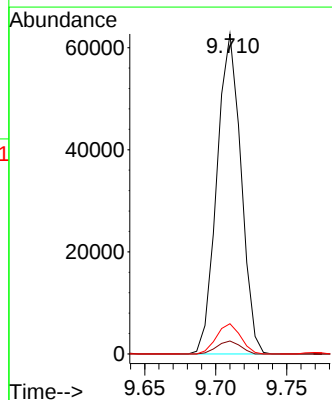
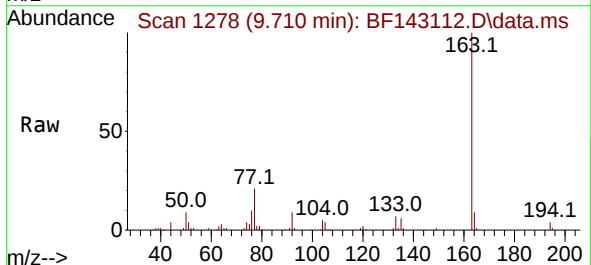
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

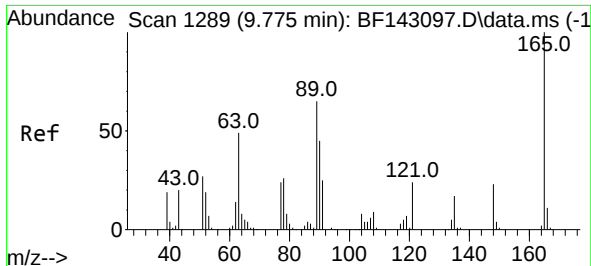
Tgt Ion:152 Resp: 115528
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 12.3 10.4 15.6



#50
Dimethylphthalate
Concen: 4.068 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:163 Resp: 74029
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 5.776 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143112.D

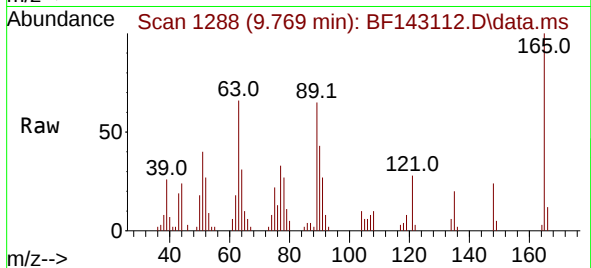
Acq: 16 Jul 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



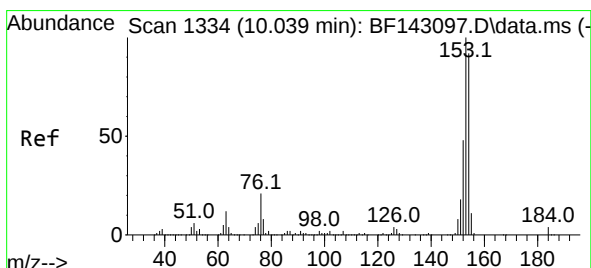
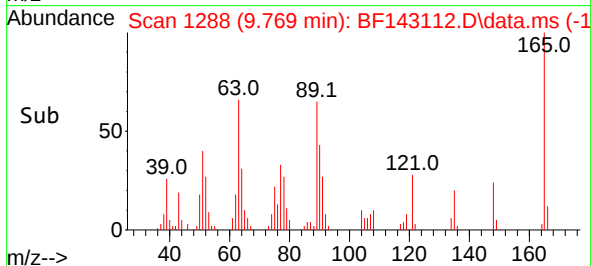
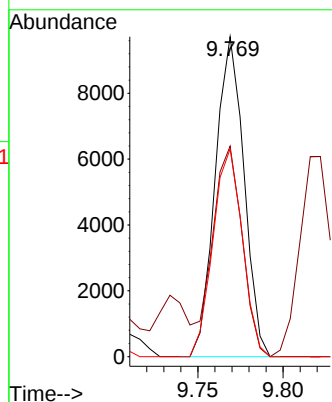
Tgt Ion:165 Resp: 11380

Ion Ratio Lower Upper

165 100

63 65.8 57.4 86.0

89 64.9 51.8 77.8



#52

Acenaphthene

Concen: 4.138 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

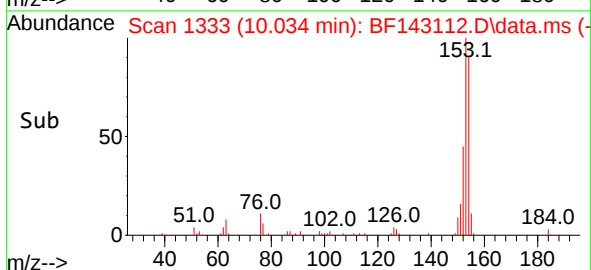
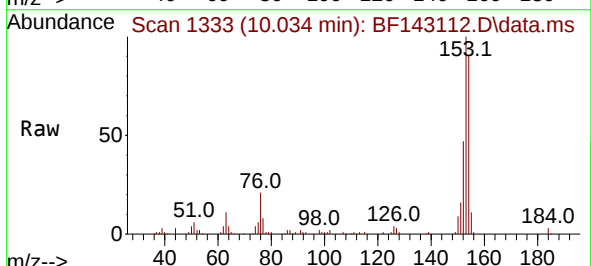
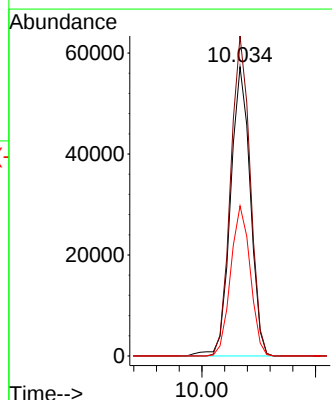
Tgt Ion:154 Resp: 68950

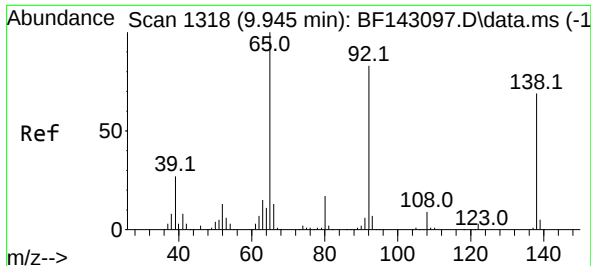
Ion Ratio Lower Upper

154 100

153 110.7 86.7 130.1

152 51.9 41.4 62.2

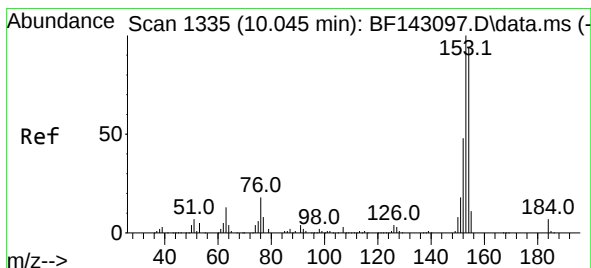
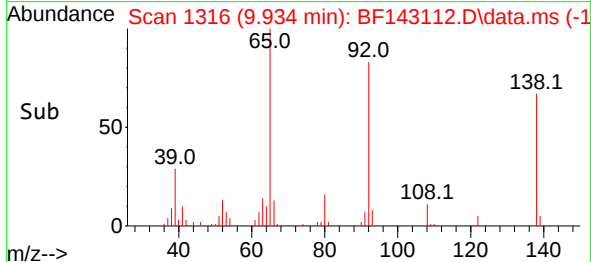
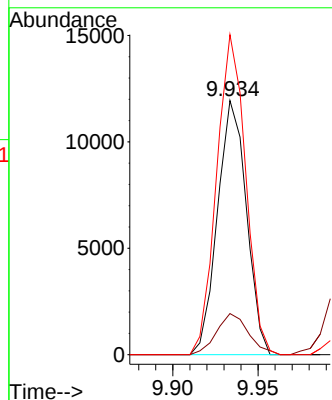
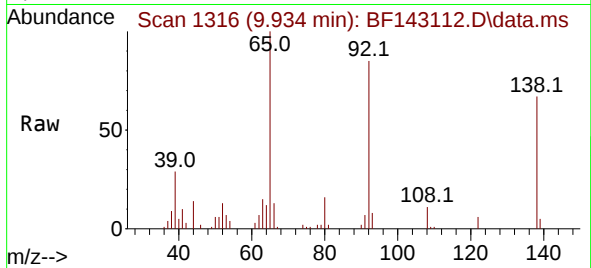




#53
3-Nitroaniline
Concen: 3.584 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

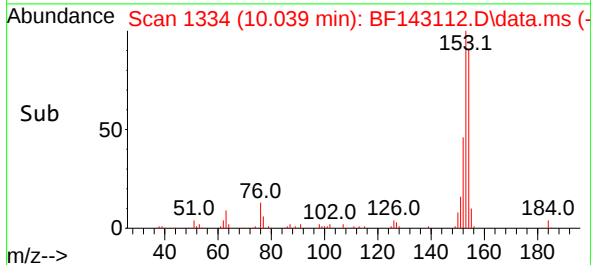
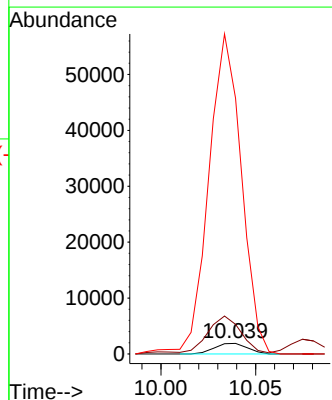
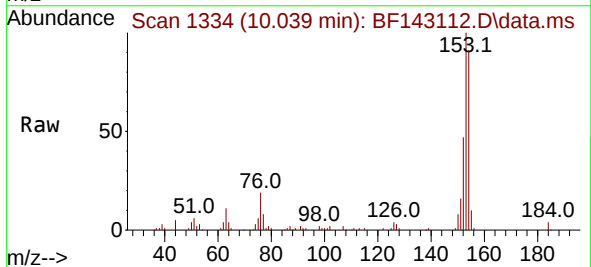
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

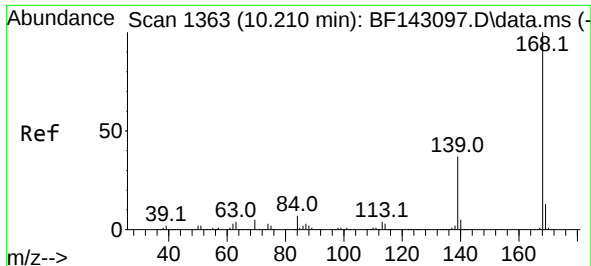
Tgt Ion:138 Resp: 14091
Ion Ratio Lower Upper
138 100
108 16.2 10.1 15.1#
92 125.9 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 7.108 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:184 Resp: 2300
Ion Ratio Lower Upper
184 100
63 278.4 149.3 223.9#
154 2405.0 1048.0 1572.0#

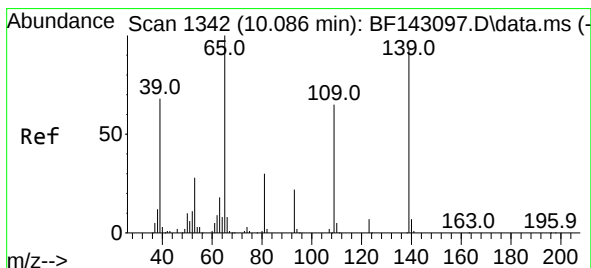
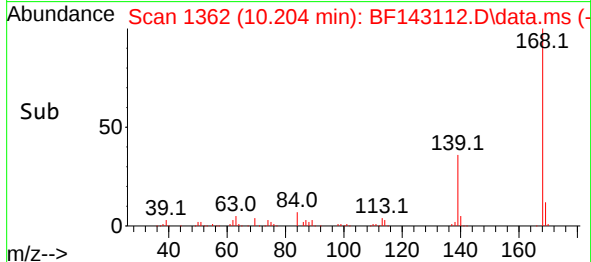
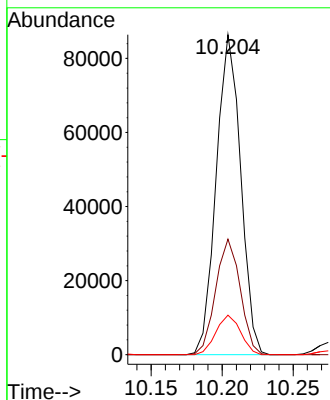
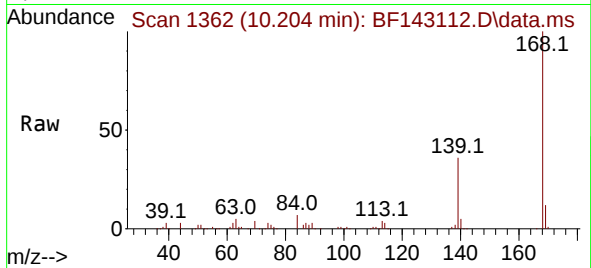




#55
Dibenzenofuran
Concen: 4.155 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

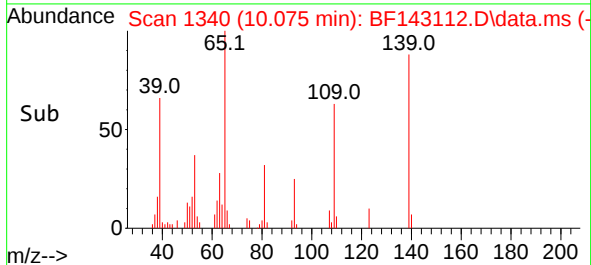
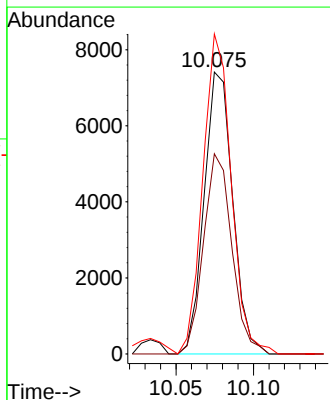
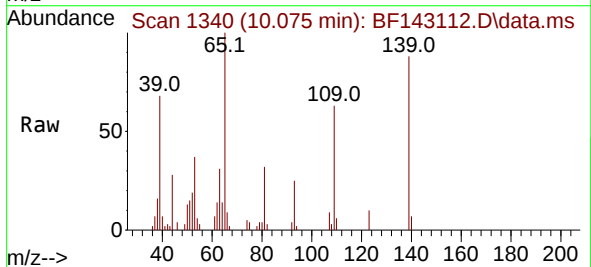
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

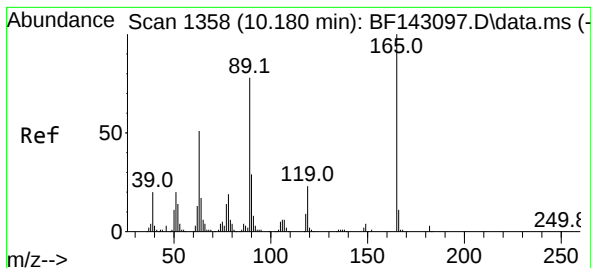
Tgt Ion:168 Resp: 103203
Ion Ratio Lower Upper
168 100
139 36.1 29.8 44.6
169 12.4 10.8 16.2



#56
4-Nitrophenol
Concen: 3.045 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:139 Resp: 9515
Ion Ratio Lower Upper
139 100
109 71.0 49.4 89.4
65 113.5 88.2 128.2

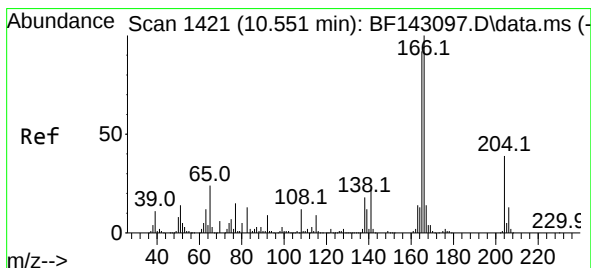
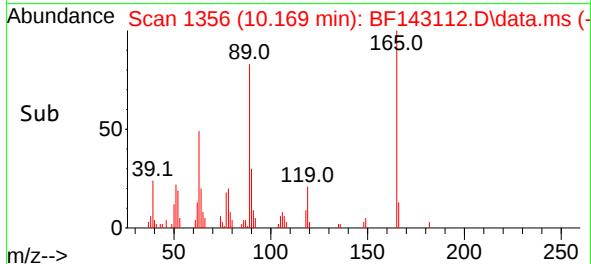
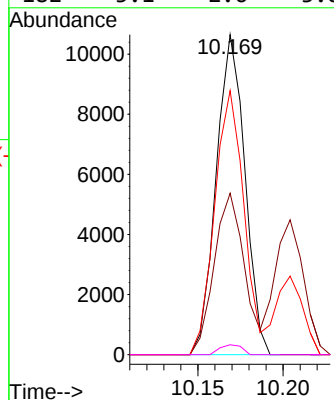
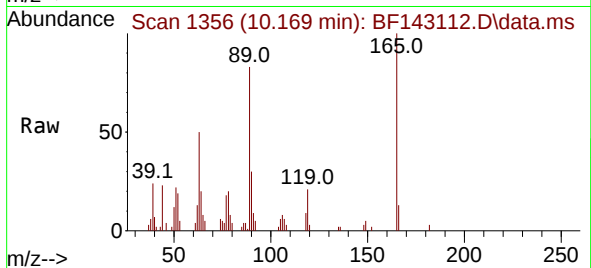




#57
2,4-Dinitrotoluene
Concen: 5.980 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

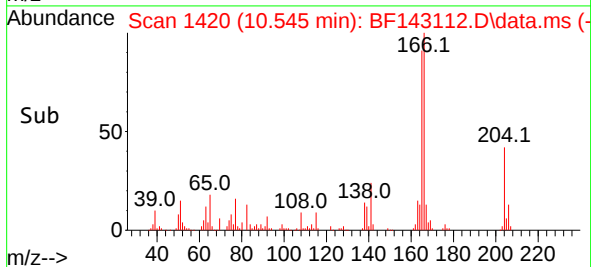
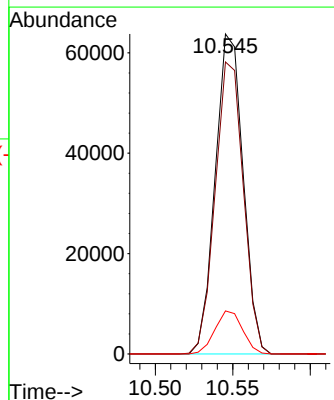
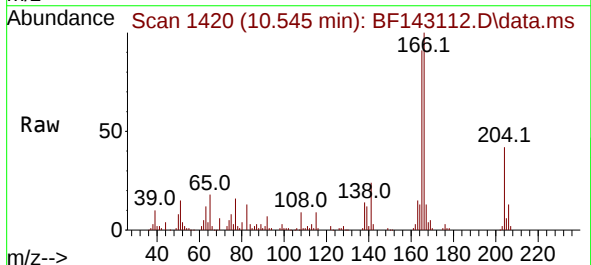
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

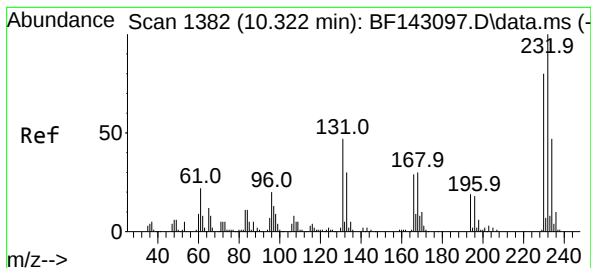
Tgt Ion:	165	Resp:	12470
Ion Ratio	Lower	Upper	
165	100		
63	50.5	40.6	61.0
89	82.5	62.3	93.5
182	3.1	2.6	3.8



#58
Fluorene
Concen: 4.280 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:	166	Resp:	79704
Ion Ratio	Lower	Upper	
166	100		
165	91.2	73.7	110.5
167	13.4	10.9	16.3

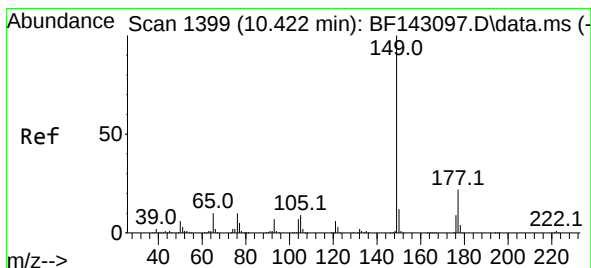
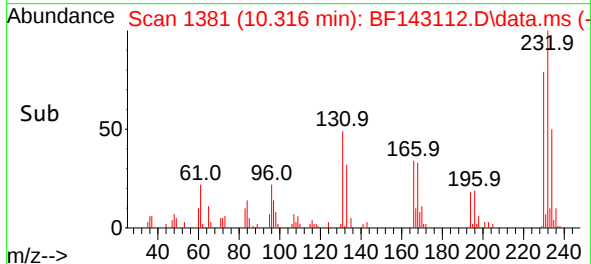
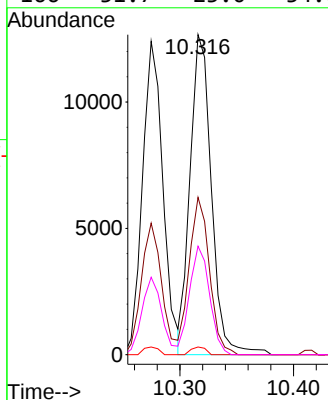
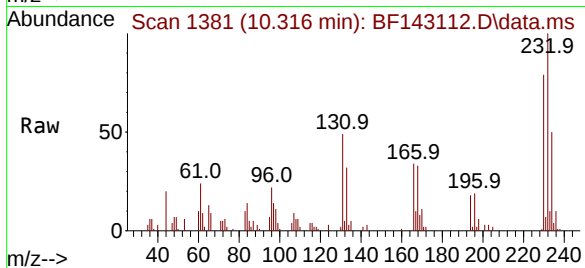




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.793 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

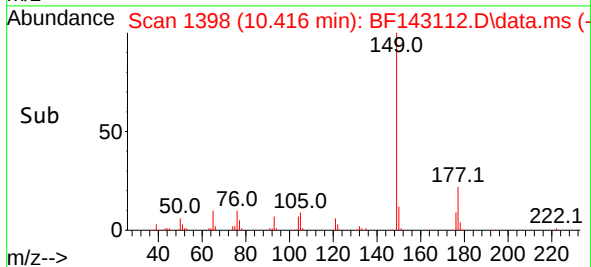
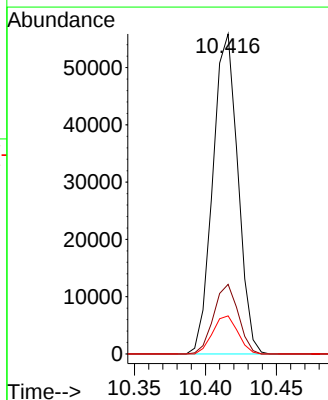
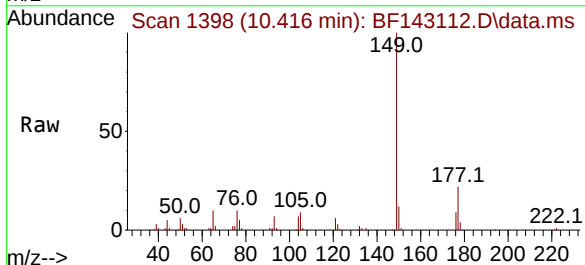
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

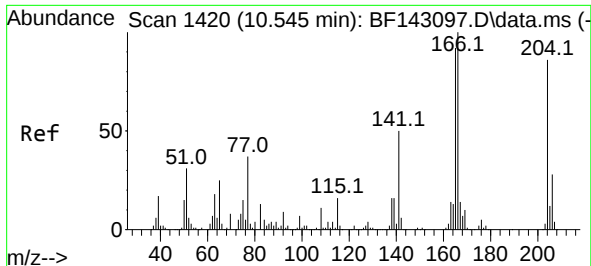
Tgt Ion:232 Resp: 16552
Ion Ratio Lower Upper
232 100
131 46.3 36.9 55.3
130 1.6 1.8 2.8#
166 31.7 23.0 34.6



#60
Diethylphthalate
Concen: 3.907 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:149 Resp: 68597
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 11.9 9.9 14.9

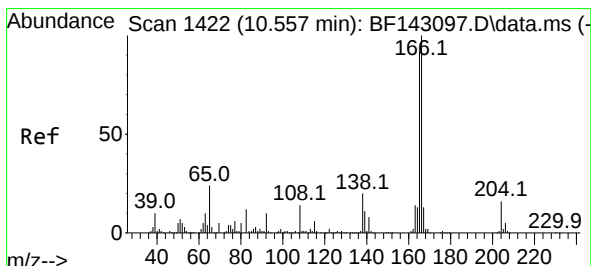
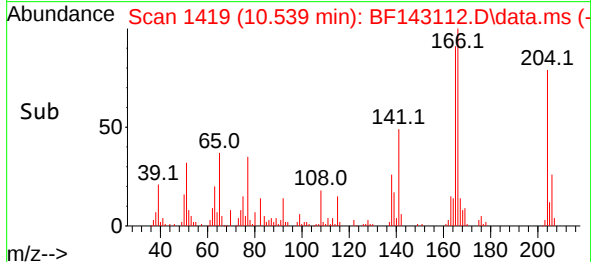
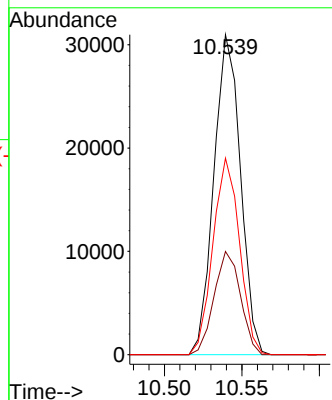
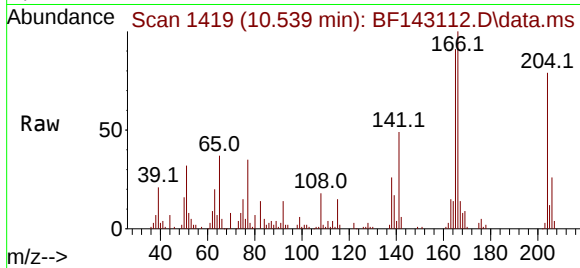




#61
4-Chlorophenyl-phenylether
Concen: 4.141 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

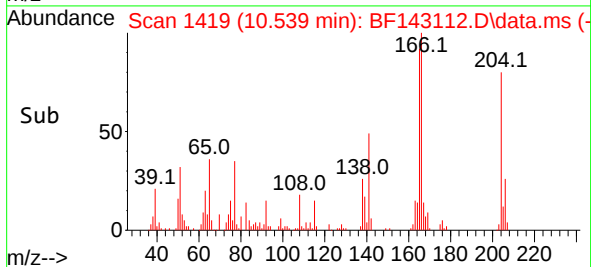
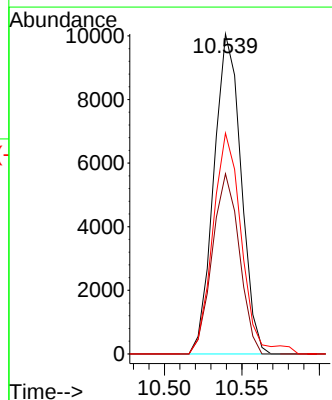
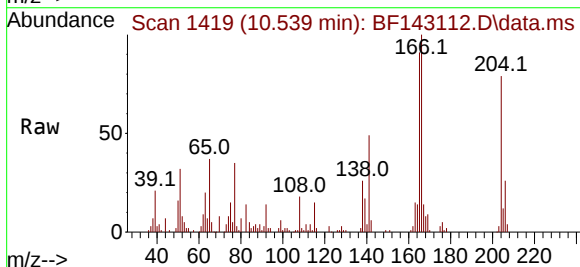
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

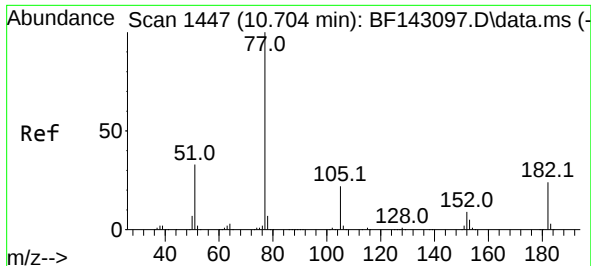
Tgt Ion:204 Resp: 36959
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 61.4 46.8 70.2



#62
4-Nitroaniline
Concen: 3.592 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:138 Resp: 12284
Ion Ratio Lower Upper
138 100
92 56.3 30.4 70.4
108 69.0 49.5 89.5

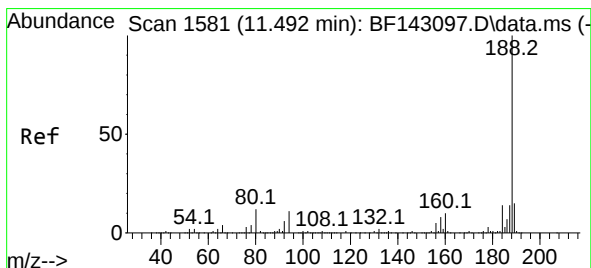
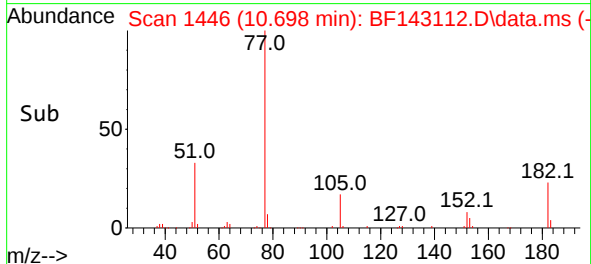
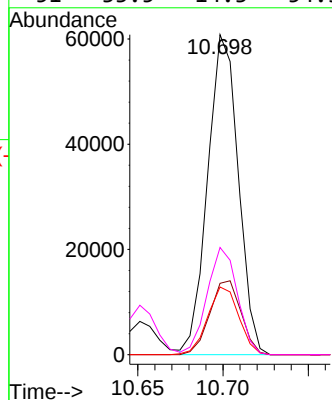
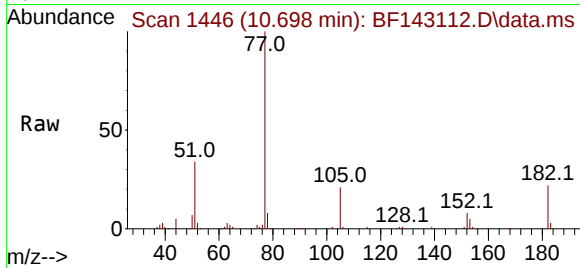




#63
Azobenzene
Concen: 3.911 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

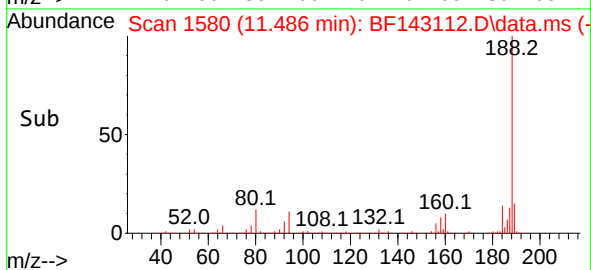
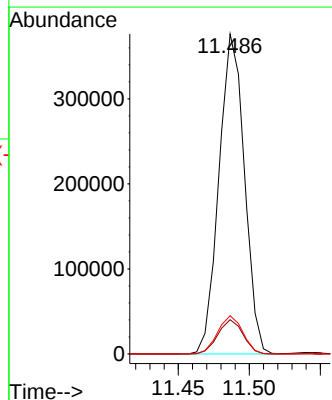
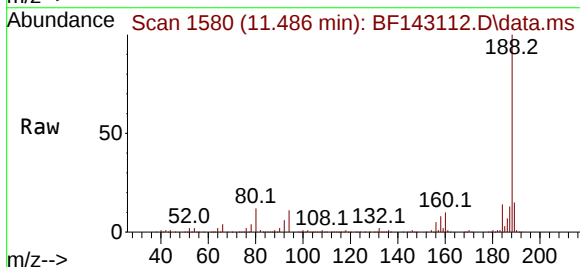
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

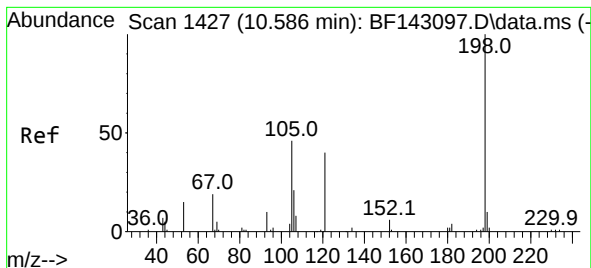
Tgt Ion: 77	Resp: 75934
Ion Ratio	Lower Upper
77 100	
182 22.3	4.0 44.0
105 21.2	1.4 41.4
51 33.5	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:188	Resp: 468917
Ion Ratio	Lower Upper
188 100	
94 10.7	8.6 13.0
80 12.0	9.3 13.9

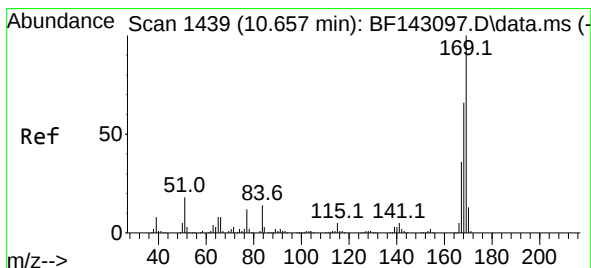
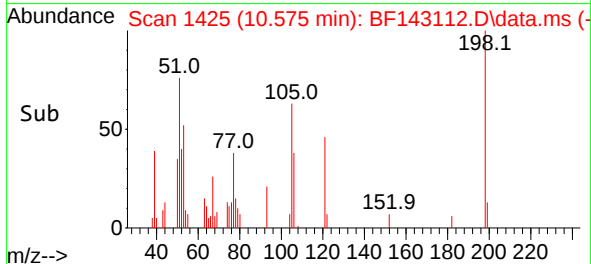
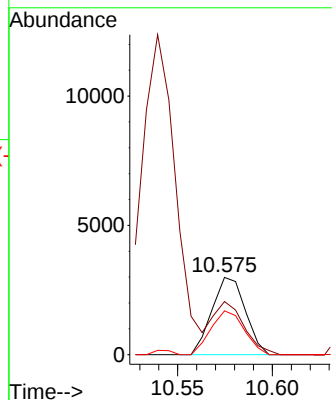
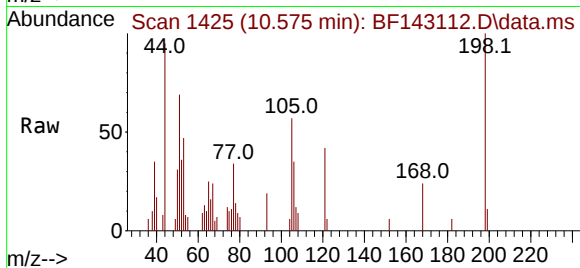




#65
4,6-Dinitro-2-methylphenol
Concen: 7.661 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.011 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

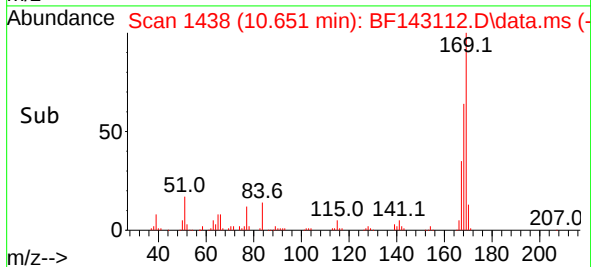
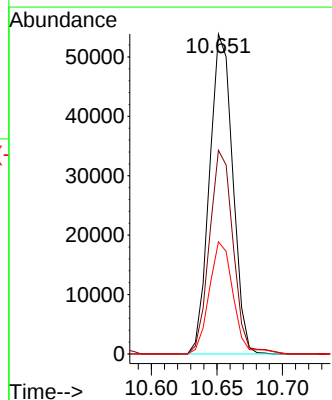
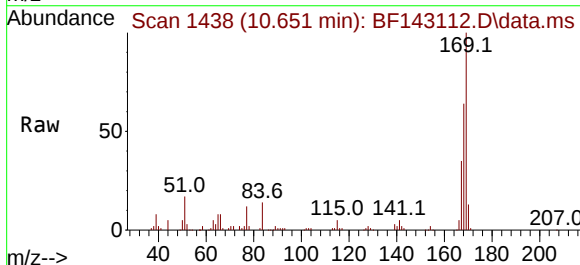
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

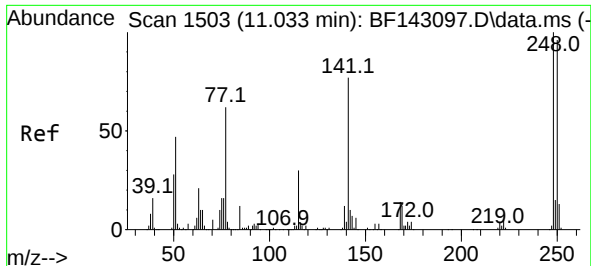
Tgt Ion:198 Resp: 3661
Ion Ratio Lower Upper
198 100
51 68.7 44.6 84.6
105 56.7 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 4.022 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:169 Resp: 66249
Ion Ratio Lower Upper
169 100
168 63.6 53.0 79.6
167 35.1 28.4 42.6

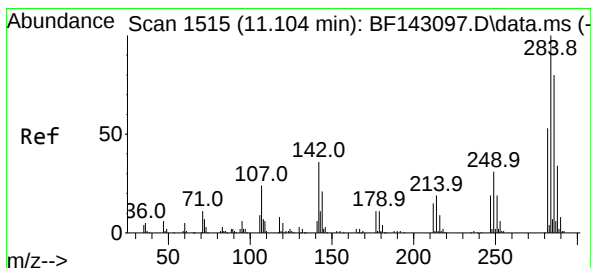
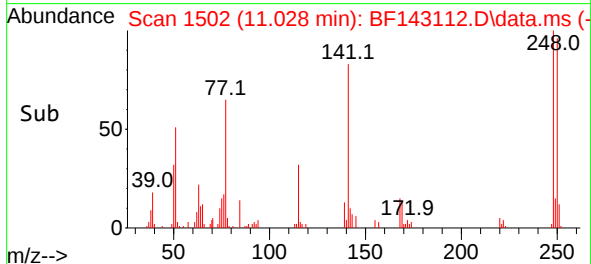
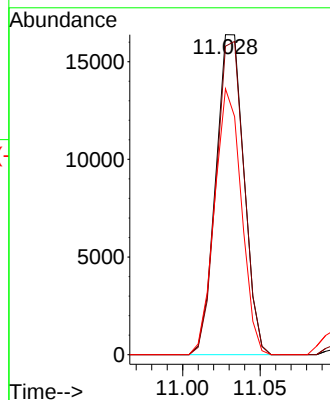
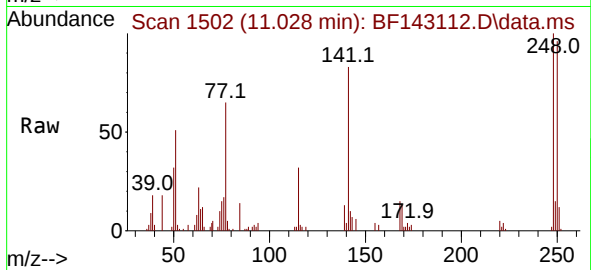




#67
4-Bromophenyl-phenylether
Concen: 3.881 ng
RT: 11.028 min Scan# 11028
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

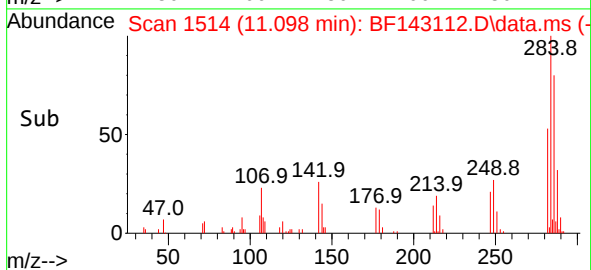
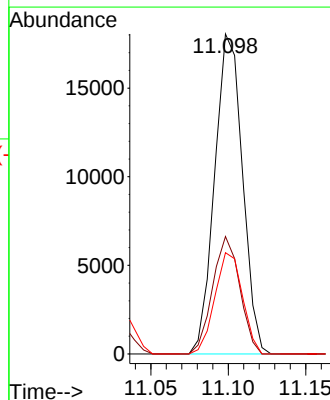
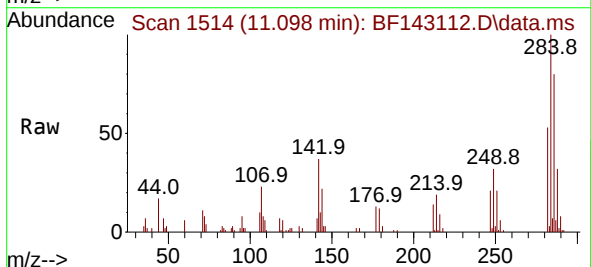
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

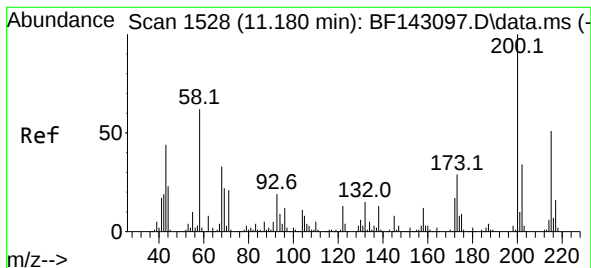
Tgt Ion:248 Resp: 20697
Ion Ratio Lower Upper
248 100
250 96.4 76.7 115.1
141 83.1 61.7 92.5



#68
Hexachlorobenzene
Concen: 3.981 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:284 Resp: 22526
Ion Ratio Lower Upper
284 100
142 36.7 28.9 43.3
249 31.7 24.6 37.0





#69

Atrazine

Concen: 3.573 ng

RT: 11.175 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

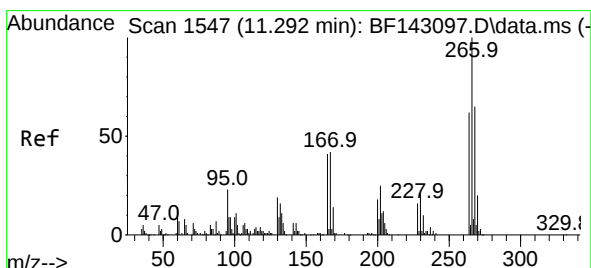
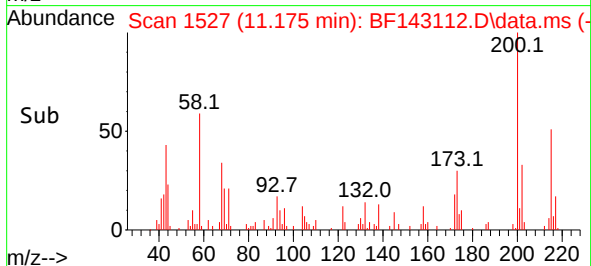
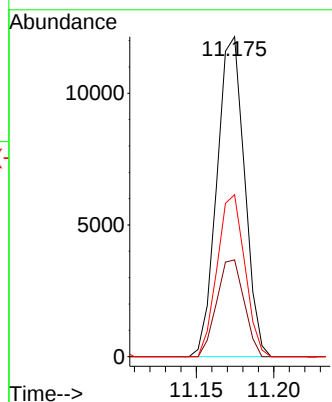
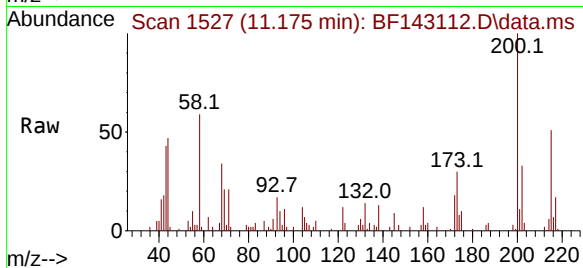
Tgt Ion:200 Resp: 15055

Ion Ratio Lower Upper

200 100

173 30.3 9.1 49.1

215 50.6 31.0 71.0



#70

Pentachlorophenol

Concen: 3.071 ng

RT: 11.286 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

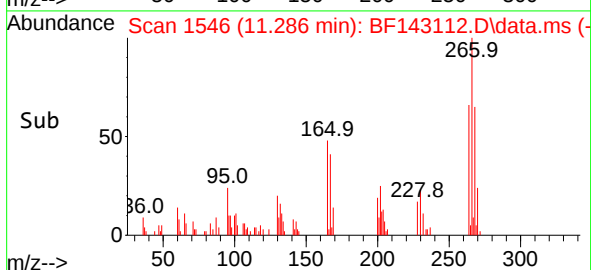
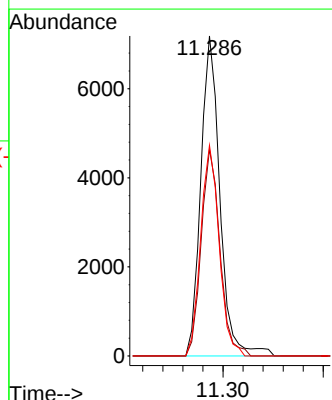
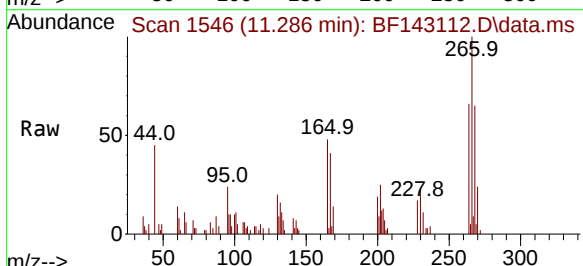
Tgt Ion:266 Resp: 9534

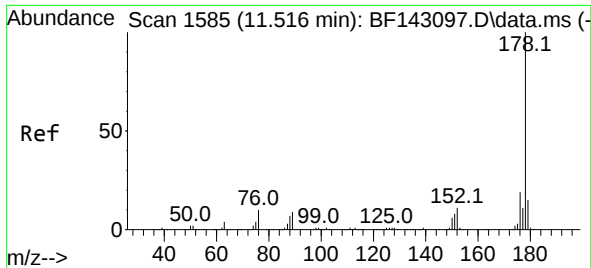
Ion Ratio Lower Upper

266 100

268 64.6 51.8 77.6

264 65.9 49.7 74.5

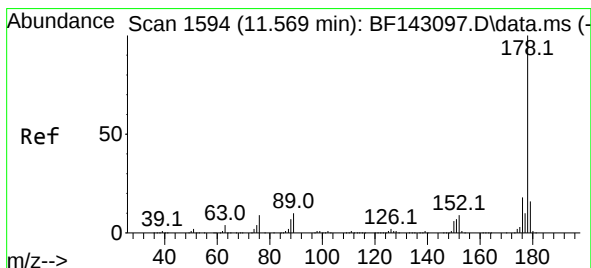
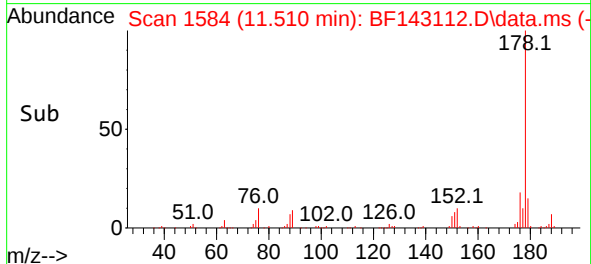
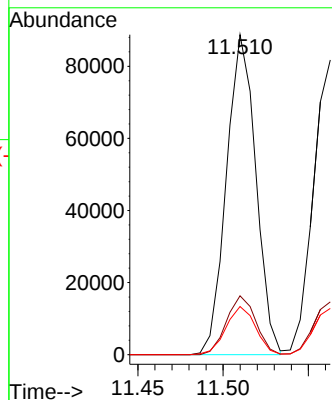
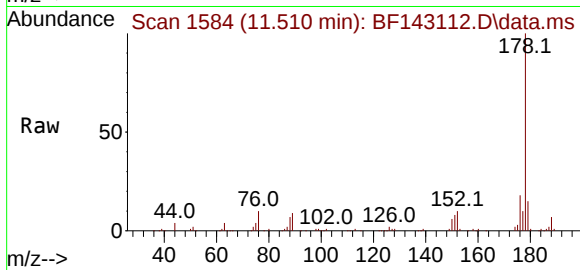




#71
Phenanthrene
Concen: 4.206 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

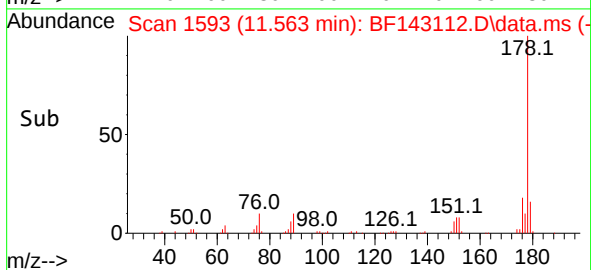
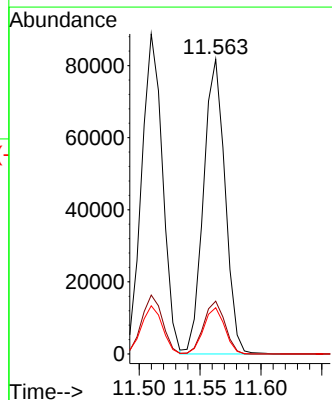
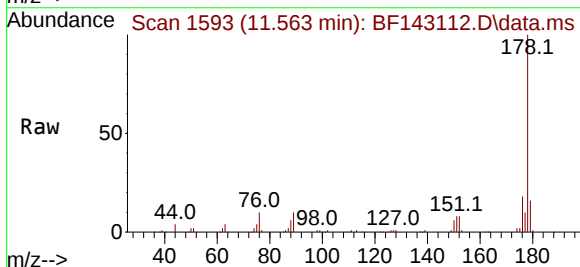
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

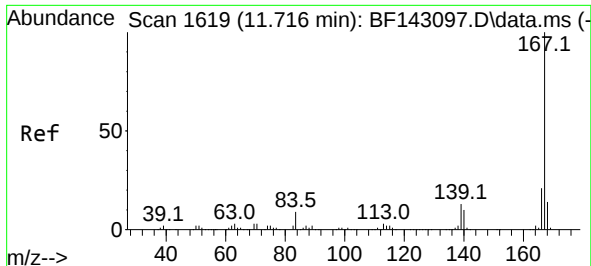
Tgt Ion:178 Resp: 106453
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.0 12.2 18.4



#72
Anthracene
Concen: 3.965 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:178 Resp: 100908
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 15.7 12.4 18.6

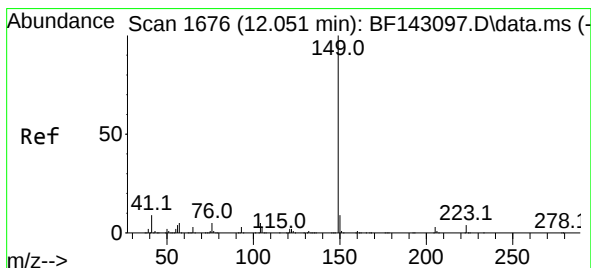
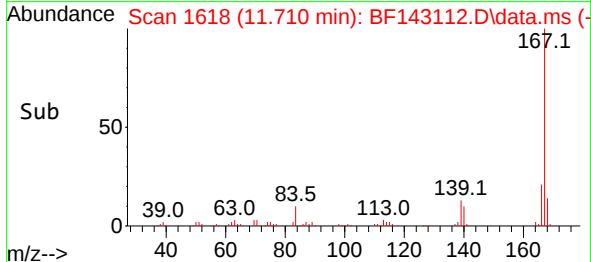
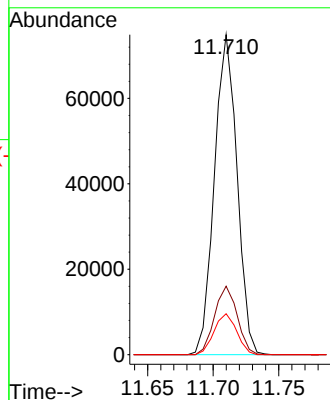
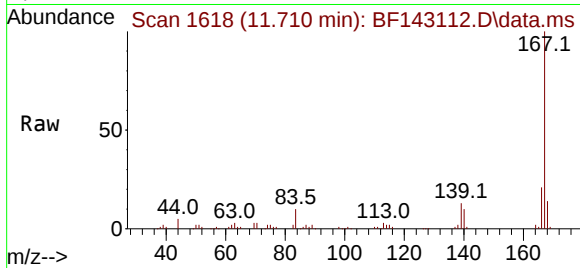




#73
Carbazole
Concen: 3.937 ng
RT: 11.710 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

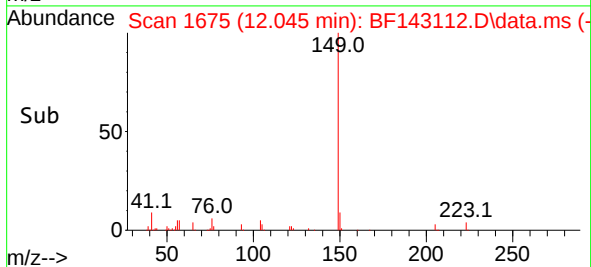
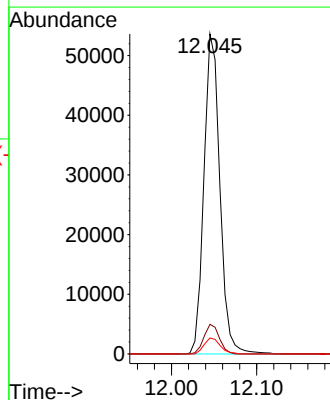
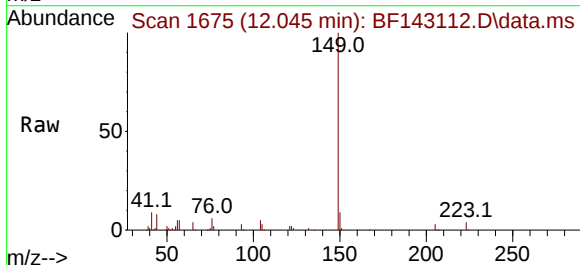
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

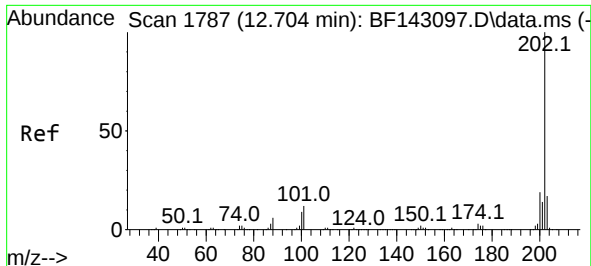
Tgt Ion:167 Resp: 89770
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.4
139 12.8 10.2 15.4



#74
Di-n-butylphthalate
Concen: 3.328 ng
RT: 12.045 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:149 Resp: 69652
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.0 3.8 5.8

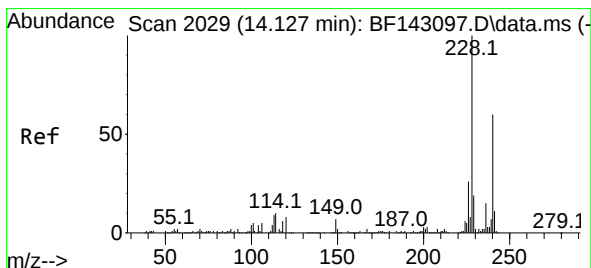
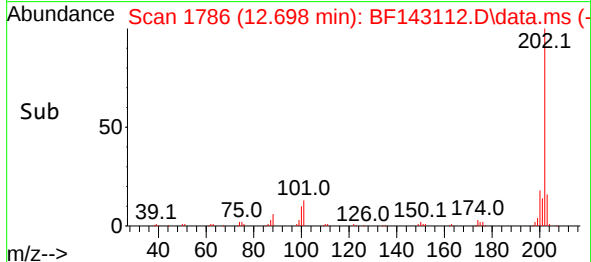
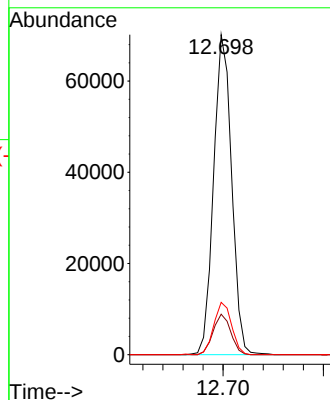
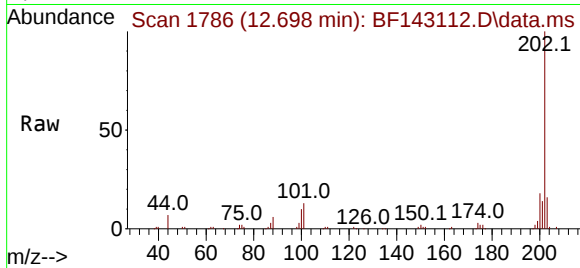




#75
Fluoranthene
Concen: 3.810 ng
RT: 12.698 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

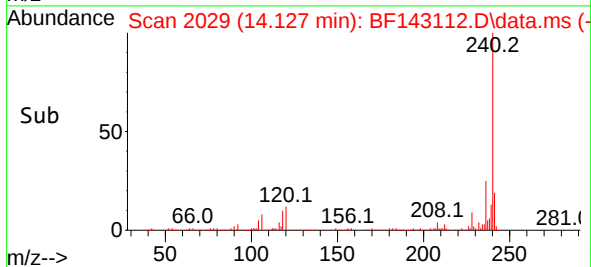
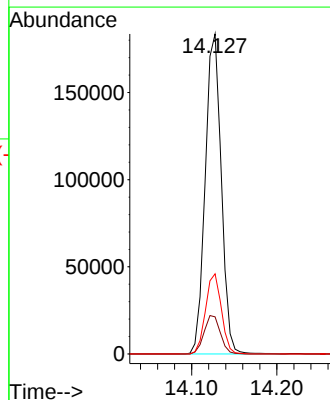
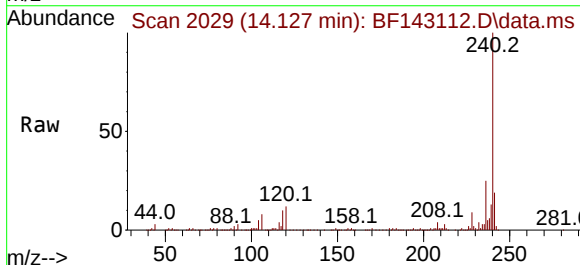
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

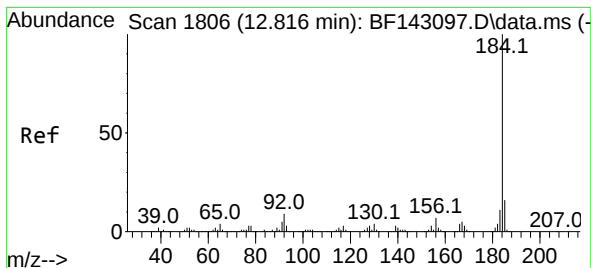
Tgt Ion:	202	Resp:	87676
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	32.4
203	16.4	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:	240	Resp:	239773
Ion Ratio	Lower	Upper	
240	100		
120	11.6	10.0	15.0
236	25.1	20.0	30.0





#77

Benzidine

Concen: 3.130 ng

RT: 12.816 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

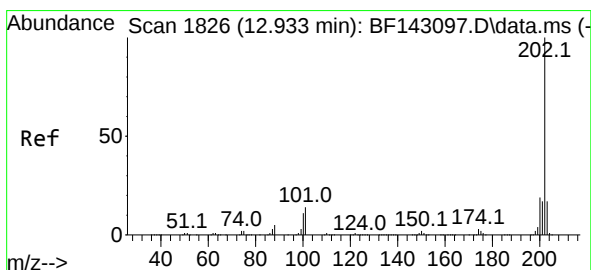
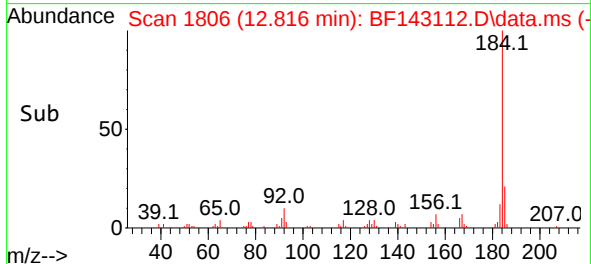
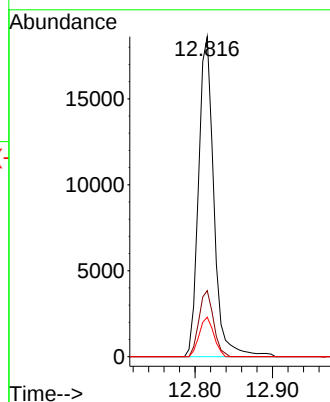
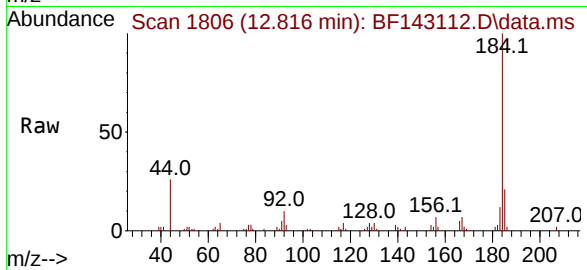
Tgt Ion:184 Resp: 25570

Ion Ratio Lower Upper

184 100

185 20.7 12.4 18.6#

183 12.4 8.6 12.8



#78

Pyrene

Concen: 4.052 ng

RT: 12.927 min Scan# 1825

Delta R.T. -0.006 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

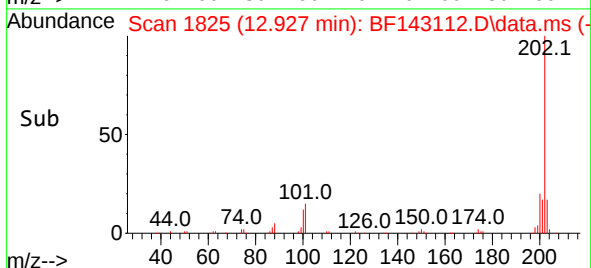
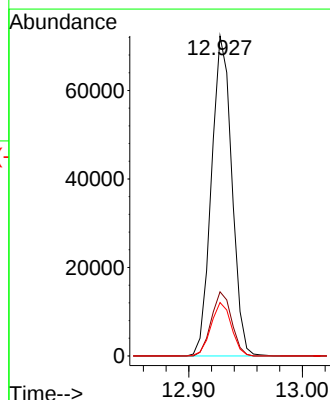
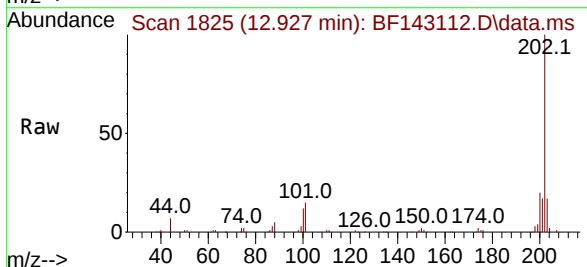
Tgt Ion:202 Resp: 90149

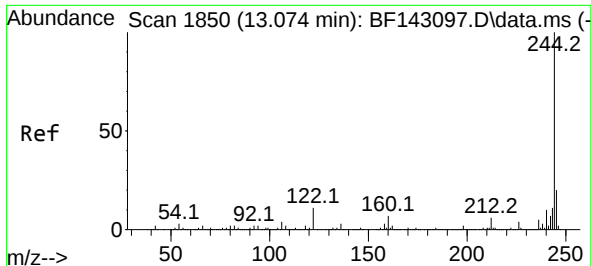
Ion Ratio Lower Upper

202 100

200 20.0 15.5 23.3

203 16.7 14.0 21.0

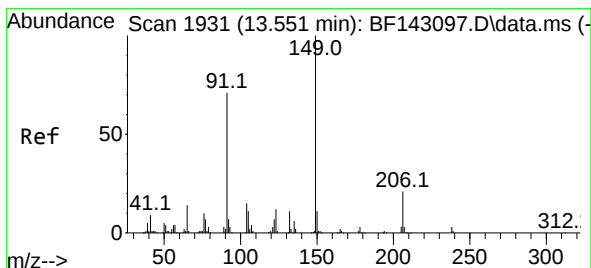
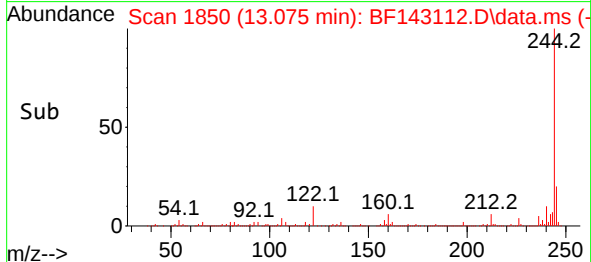
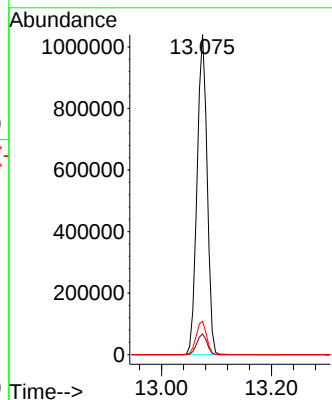
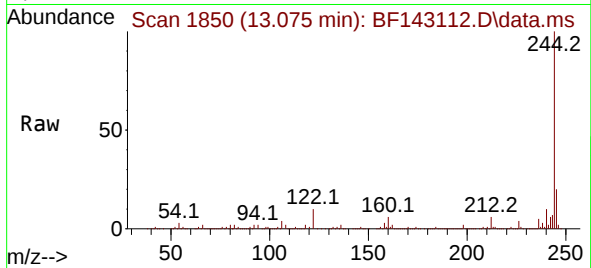




#79
 Terphenyl-d14
 Concen: 80.467 ng
 RT: 13.075 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143112.D
 Acq: 16 Jul 2025 14:05

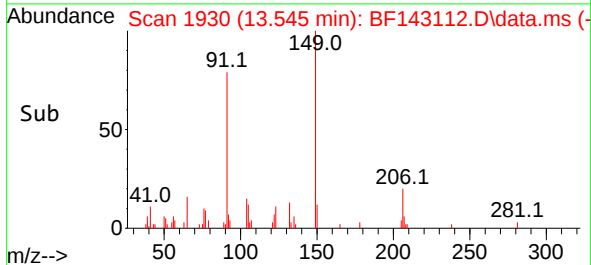
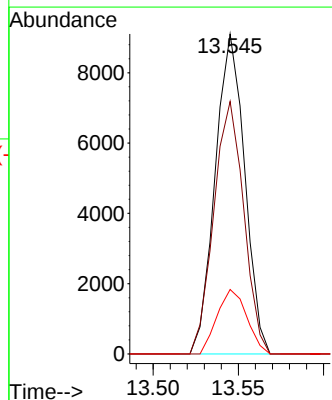
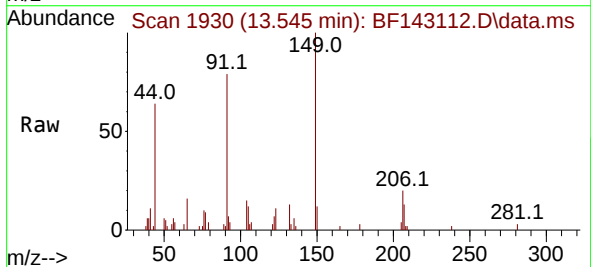
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

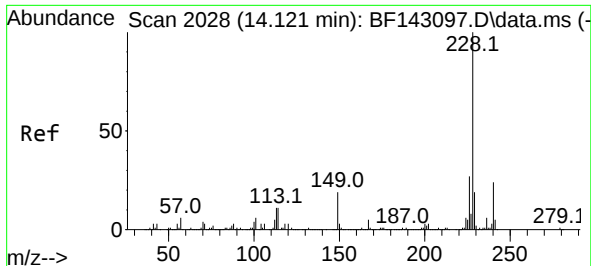
Tgt Ion:244 Resp: 1319852
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.4 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 5.691 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF143112.D
 Acq: 16 Jul 2025 14:05

Tgt Ion:149 Resp: 10969
 Ion Ratio Lower Upper
 149 100
 91 78.9 57.0 85.4
 206 20.1 17.2 25.8

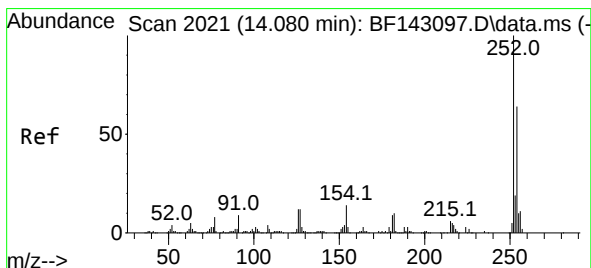
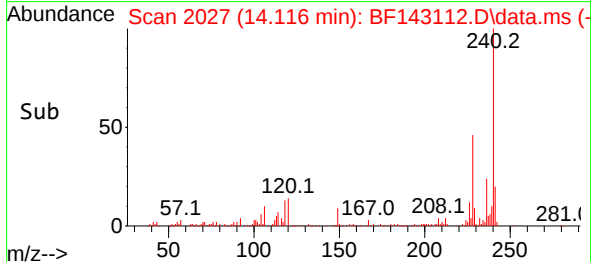
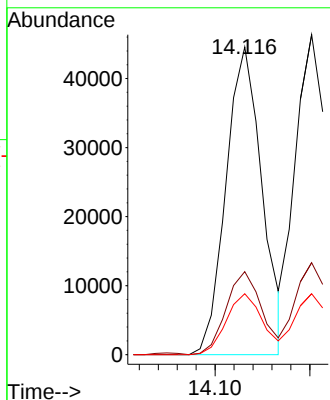
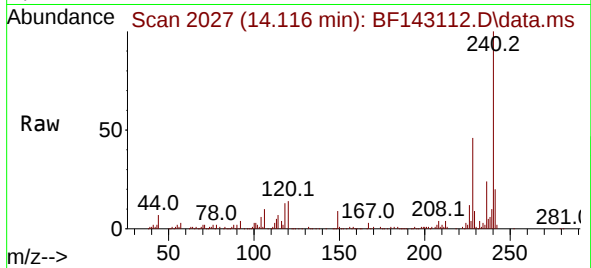




#81
Benzo(a)anthracene
Concen: 3.696 ng
RT: 14.116 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

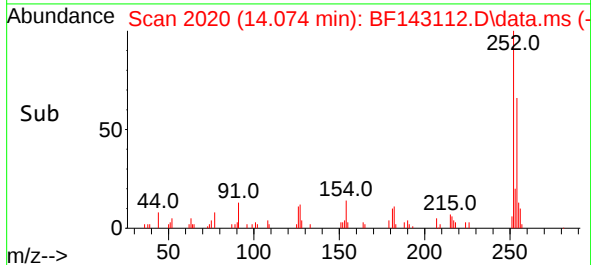
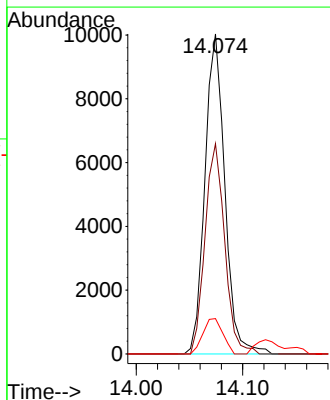
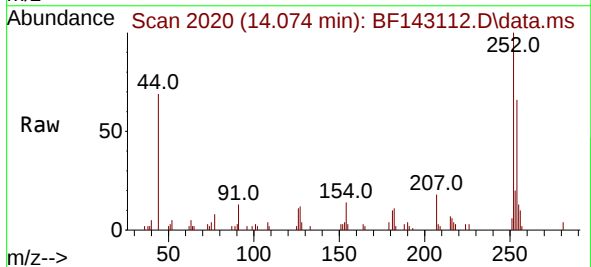
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

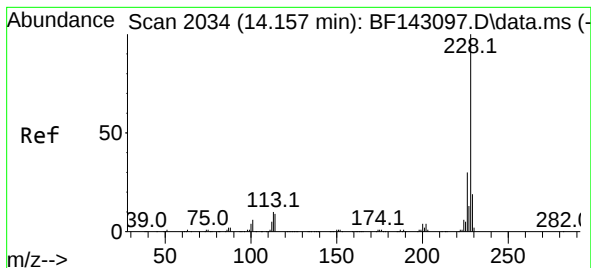
Tgt Ion:228 Resp: 59048
Ion Ratio Lower Upper
228 100
226 27.0 21.3 31.9
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 2.805 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:252 Resp: 13014
Ion Ratio Lower Upper
252 100
254 65.7 51.5 77.3
126 11.0 9.4 14.0





#83

Chrysene

Concen: 3.830 ng

RT: 14.151 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

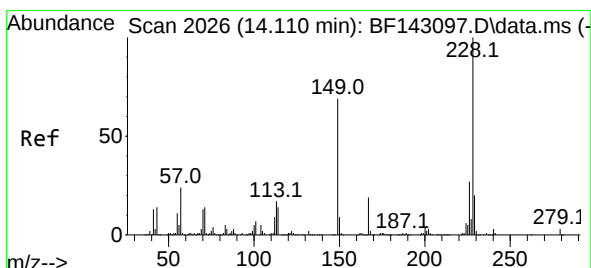
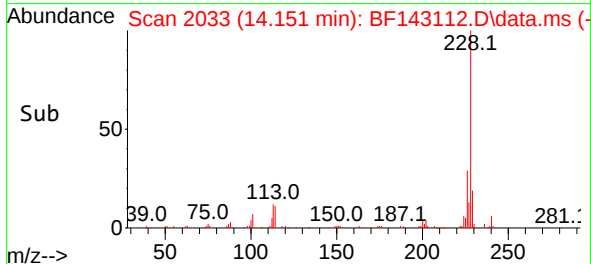
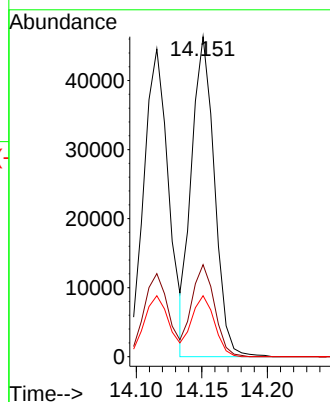
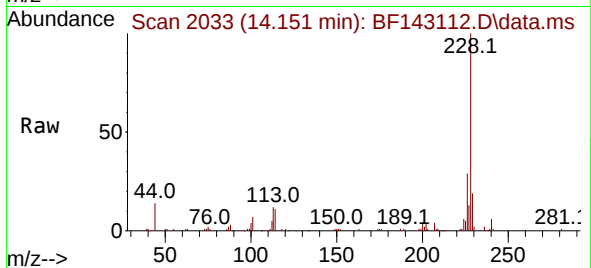
Tgt Ion:228 Resp: 56357

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.2

229 19.1 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.627 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

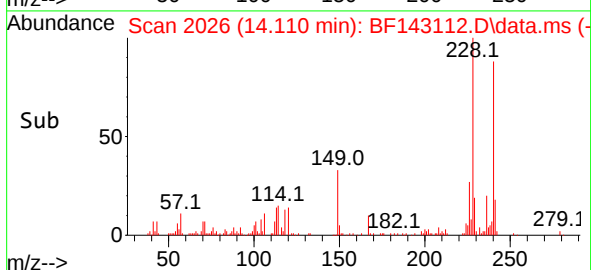
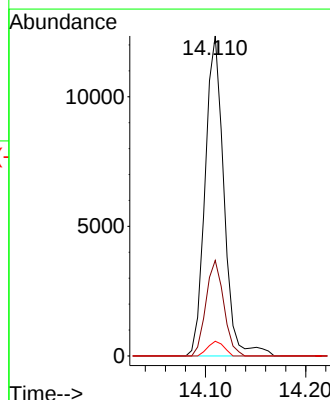
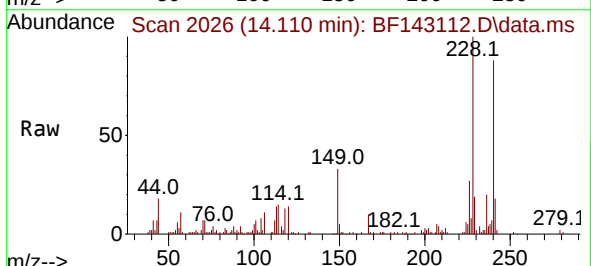
Tgt Ion:149 Resp: 16081

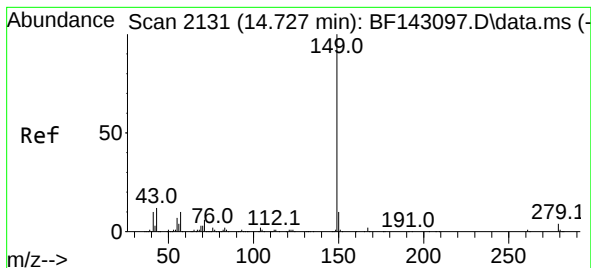
Ion Ratio Lower Upper

149 100

167 29.8 21.9 32.9

279 4.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 8.464 ng

RT: 14.721 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

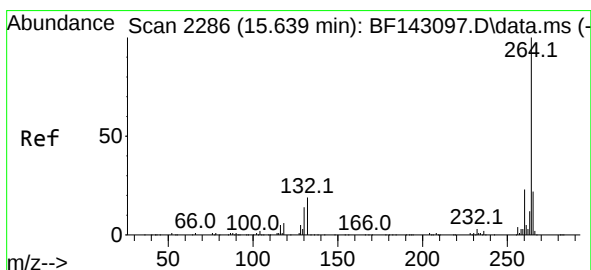
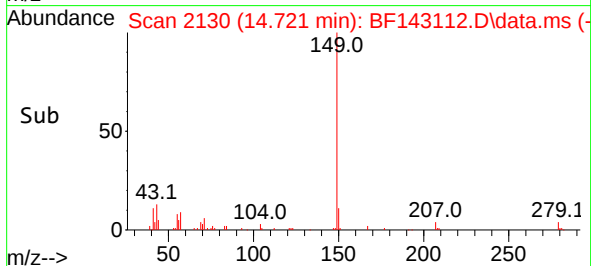
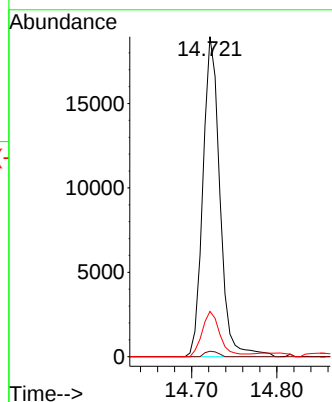
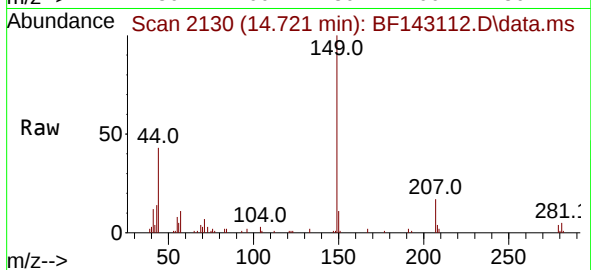
Tgt Ion:149 Resp: 26271

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

43 15.0 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: BF143112.D

Acq: 16 Jul 2025 14:05

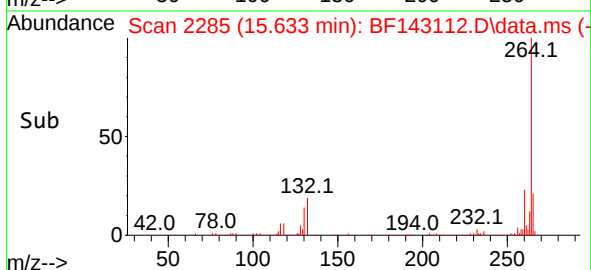
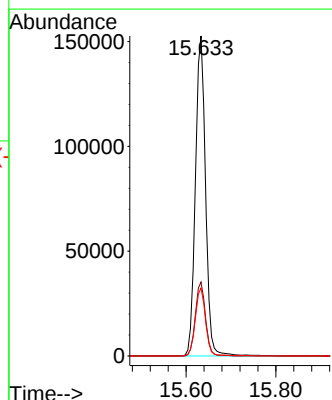
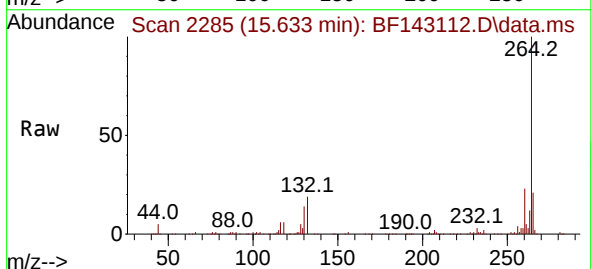
Tgt Ion:264 Resp: 239823

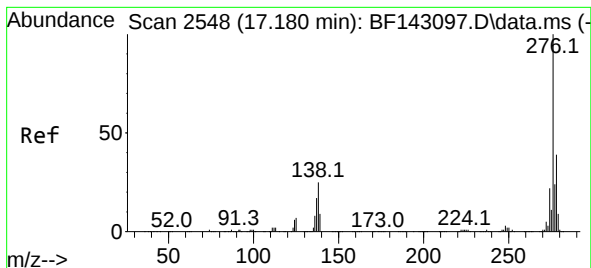
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.804 ng

RT: 17.163 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF143112.D

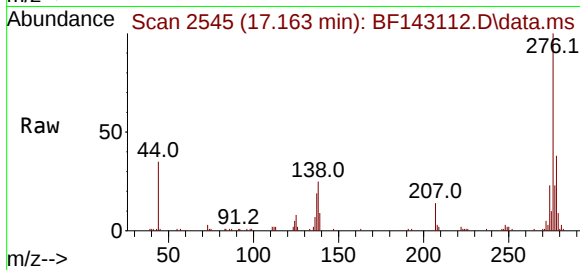
Acq: 16 Jul 2025 14:05

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



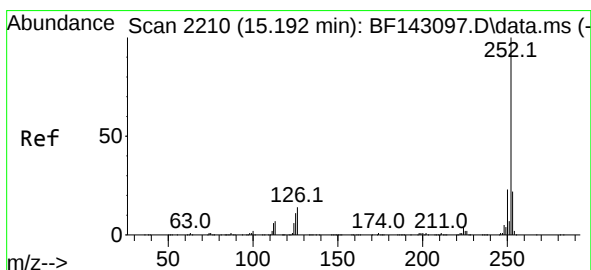
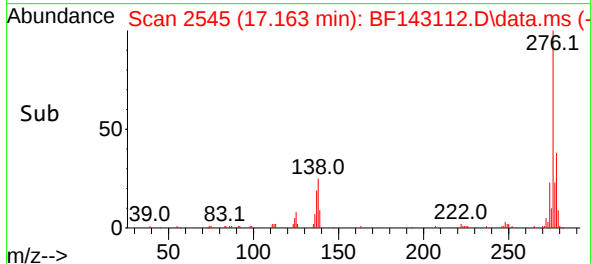
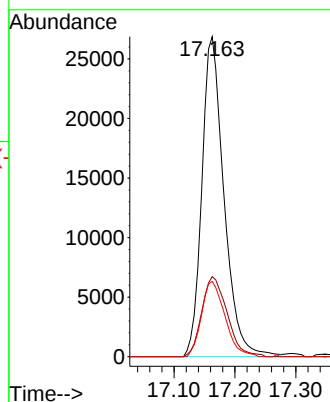
Tgt Ion:276 Resp: 67860

Ion Ratio Lower Upper

276 100

138 28.6 22.6 34.0

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 3.566 ng

RT: 15.180 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF143112.D

Acq: 16 Jul 2025 14:05

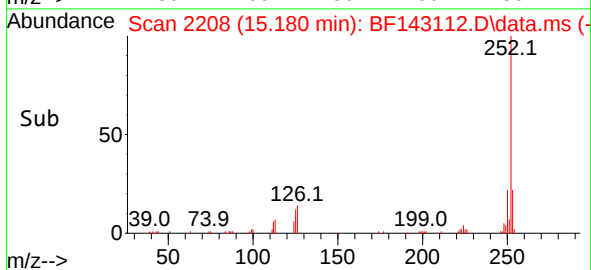
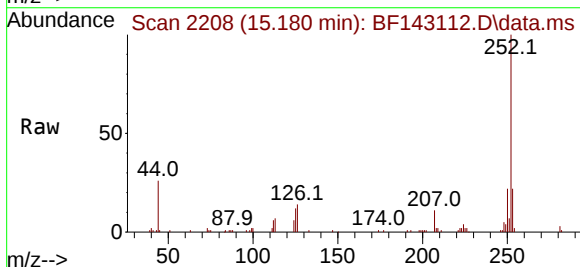
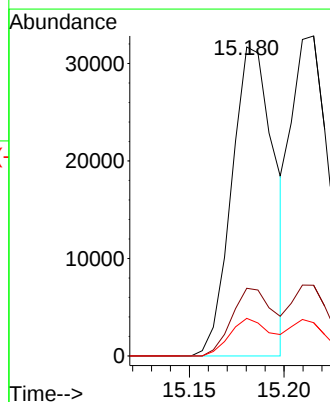
Tgt Ion:252 Resp: 49325

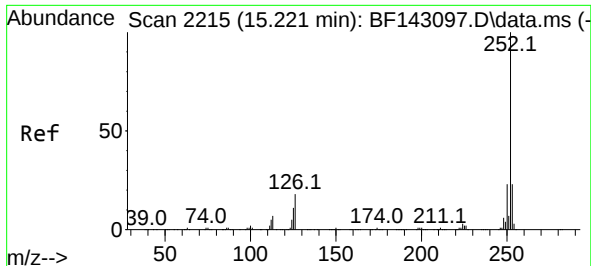
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 12.2 8.6 13.0

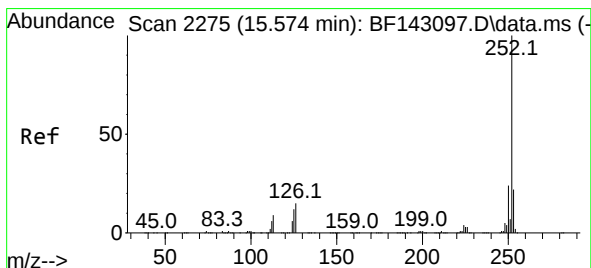
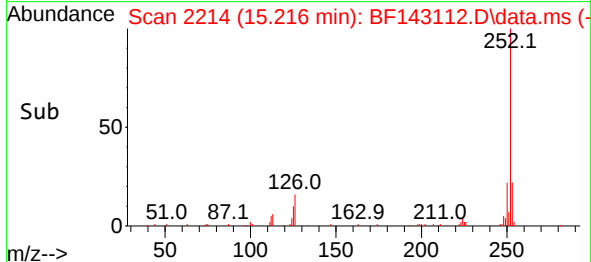
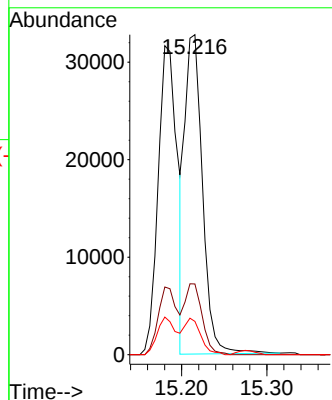
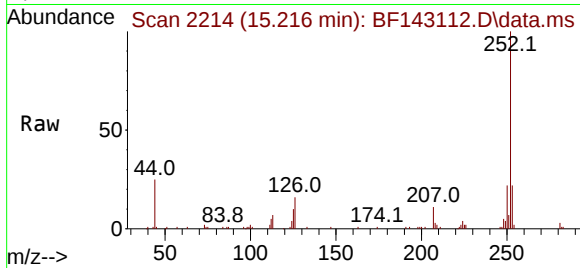




#89
Benzo(k)fluoranthene
Concen: 3.578 ng
RT: 15.216 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

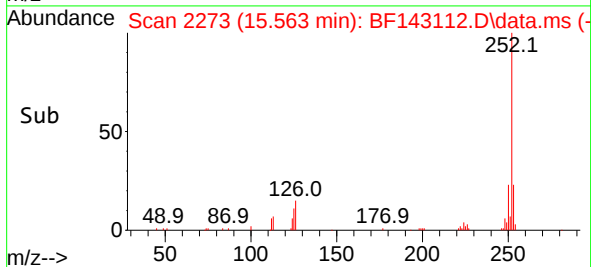
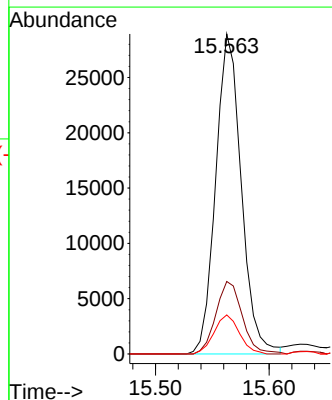
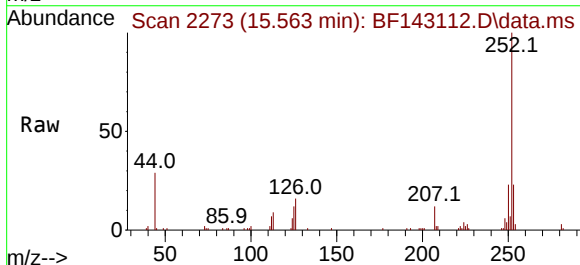
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

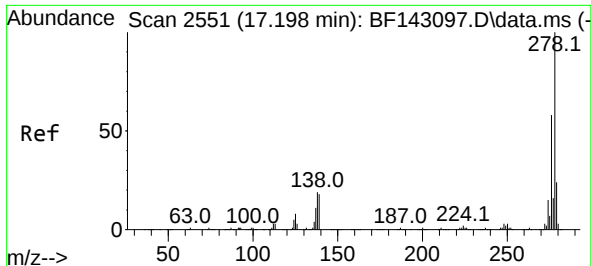
Tgt Ion:252 Resp: 47216
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.4 8.5 12.7



#90
Benzo(a)pyrene
Concen: 3.459 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.012 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:252 Resp: 45260
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 12.2 9.4 14.0

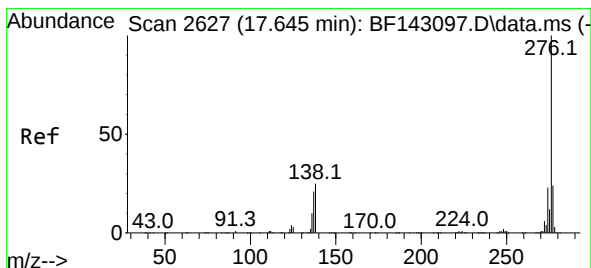
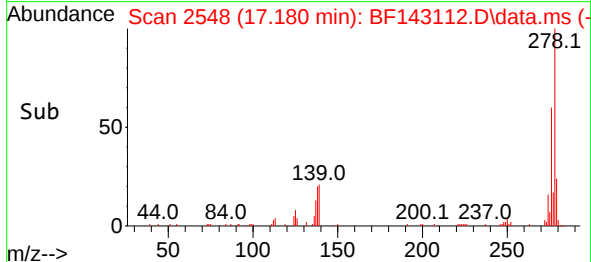
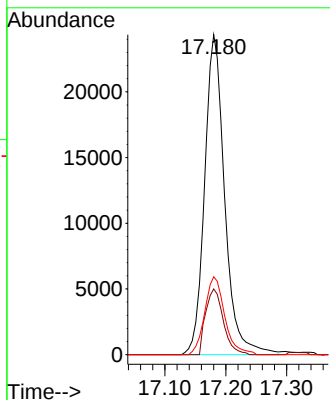
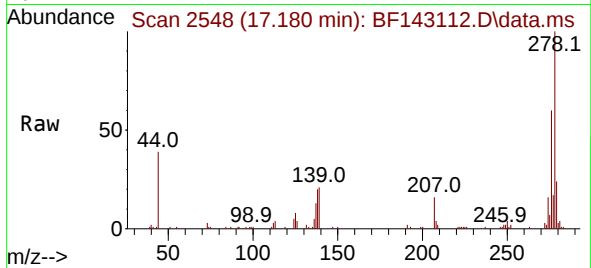




#91
Dibenzo(a,h)anthracene
Concen: 3.830 ng
RT: 17.180 min Scan# 2548
Delta R.T. -0.018 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

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

Tgt Ion:278 Resp: 55847
Ion Ratio Lower Upper
278 100
139 20.5 14.6 22.0
279 24.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 3.822 ng
RT: 17.621 min Scan# 2623
Delta R.T. -0.023 min
Lab File: BF143112.D
Acq: 16 Jul 2025 14:05

Tgt Ion:276 Resp: 56811
Ion Ratio Lower Upper
276 100
277 24.4 19.2 28.8
138 27.6 19.8 29.6

