

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141140.D
 Acq On : 14 Jan 2025 12:45
 Operator : RC/JU
 Sample : P1187-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Jan 14 13:12:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	145991	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	574753	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	309707	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	535941	20.000	ng	0.00
76) Chrysene-d12	13.980	240	329742	20.000	ng	0.00
86) Perylene-d12	15.439	264	299425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1026969	108.669	ng	0.00
7) Phenol-d6	6.440	99	1304177	108.945	ng	0.00
23) Nitrobenzene-d5	7.381	82	873879	80.596	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	413422	117.153	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1612594	79.511	ng	0.00
79) Terphenyl-d14	12.933	244	1733065	78.118	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	17237	4.096	ng	98
3) Pyridine	3.322	79	35787	3.468	ng	98
4) n-Nitrosodimethylamine	3.210	42	18599	3.686	ng	# 98
6) Aniline	6.481	93	52743	4.963	ng	98
8) 2-Chlorophenol	6.604	128	41654	4.108	ng	94
9) Benzaldehyde	6.369	77	34556	4.901	ng	98
10) Phenol	6.457	94	53186	4.150	ng	79
11) bis(2-Chloroethyl)ether	6.551	93	39382	4.124	ng	97
12) 1,3-Dichlorobenzene	6.757	146	45815	4.051	ng	100
13) 1,4-Dichlorobenzene	6.834	146	47052	4.129	ng	98
14) 1,2-Dichlorobenzene	6.992	146	44309	4.168	ng	98
15) Benzyl Alcohol	6.957	79	45952	5.315	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.087	45	54240	4.070	ng	98
17) 2-Methylphenol	7.063	107	31487	3.847	ng	97
18) Hexachloroethane	7.334	117	16705	4.054	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	28221	4.002	ng	100
20) 3+4-Methylphenols	7.216	107	40958	3.966	ng	# 78
22) Acetophenone	7.222	105	62084	4.544	ng	98
24) Nitrobenzene	7.398	77	47026	4.161	ng	99
25) Isophorone	7.634	82	77449	4.180	ng	99
26) 2-Nitrophenol	7.716	139	18846	3.666	ng	97
27) 2,4-Dimethylphenol	7.745	122	18297	2.639	ng	99
28) bis(2-Chloroethoxy)met...	7.845	93	46683	4.014	ng	98
29) 2,4-Dichlorophenol	7.951	162	33548	4.074	ng	98
30) 1,2,4-Trichlorobenzene	8.039	180	38489	4.089	ng	99
31) Naphthalene	8.122	128	127649	4.211	ng	99
32) Benzoic acid	7.787	122	15705	2.361	ng	96
33) 4-Chloroaniline	8.169	127	46373	4.424	ng	99
34) Hexachlorobutadiene	8.239	225	22946	4.046	ng	95
35) Caprolactam	8.486	113	9940	3.687	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	39562	4.393	ng	98
37) 2-Methylnaphthalene	8.810	142	81757	4.233	ng	100
38) 1-Methylnaphthalene	8.910	142	76330	4.010	ng	97
40) 1,2,4,5-Tetrachloroben...	8.981	216	38689	4.352	ng	99
41) Hexachlorocyclopentadiene	8.969	237	9337	3.211	ng	98
43) 2,4,6-Trichlorophenol	9.086	196	22603	3.770	ng	98

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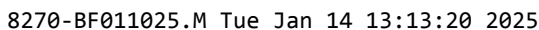
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2024

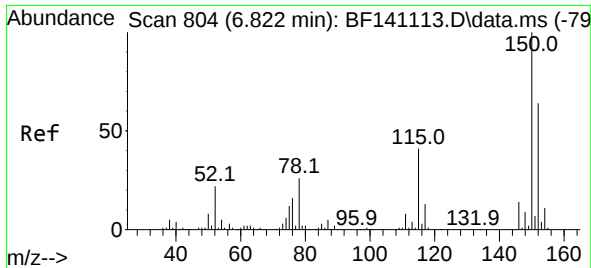
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	24022	3.794	ng	99
46) 1,1'-Biphenyl	9.275	154	111083	4.618	ng	98
47) 2-Chloronaphthalene	9.298	162	76515	4.084	ng	99
48) 2-Nitroaniline	9.392	65	20733	3.734	ng	96
49) Acenaphthylene	9.716	152	118896	4.442	ng	100
50) Dimethylphthalate	9.569	163	87970	4.231	ng	100
51) 2,6-Dinitrotoluene	9.633	165	17804	3.682	ng	94
52) Acenaphthene	9.886	154	79569	4.255	ng	98
53) 3-Nitroaniline	9.798	138	19108	3.889	ng	98
55) Dibenzofuran	10.057	168	108879	4.281	ng	100
56) 4-Nitrophenol	9.951	139	15397	4.001	ng	99
57) 2,4-Dinitrotoluene	10.033	165	25163	4.038	ng	98
58) Fluorene	10.404	166	86309	4.368	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	21294	4.046	ng	# 100
60) Diethylphthalate	10.275	149	88297	4.350	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	42190	4.381	ng	99
62) 4-Nitroaniline	10.404	138	17145	3.565	ng	99
63) Azobenzene	10.557	77	84852	4.237	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	7769	2.502	ng	94
66) n-Nitrosodiphenylamine	10.510	169	73377	4.245	ng	98
67) 4-Bromophenyl-phenylether	10.886	248	25451	4.125	ng	99
68) Hexachlorobenzene	10.951	284	29077	4.233	ng	99
69) Atrazine	11.033	200	22842	4.907	ng	96
70) Pentachlorophenol	11.139	266	16559	3.765	ng	98
71) Phenanthrene	11.363	178	128345	4.461	ng	98
72) Anthracene	11.416	178	121143	4.330	ng	99
73) Carbazole	11.569	167	107578	4.194	ng	98
74) Di-n-butylphthalate	11.904	149	126513	4.309	ng	99
75) Fluoranthene	12.551	202	125089	4.357	ng	98
77) Benzidine	12.680	184	23881	3.905	ng	# 95
78) Pyrene	12.780	202	141324	4.487	ng	99
80) Butylbenzylphthalate	13.404	149	39904	3.800	ng	99
81) Benzo(a)anthracene	13.968	228	92436	4.119	ng	98
82) 3,3'-Dichlorobenzidine	13.933	252	24957	3.493	ng	98
83) Chrysene	14.004	228	86558	4.122	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	49907	3.961	ng	99
85) Di-n-octyl phthalate	14.586	149	63582	3.342	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.880	276	84820	3.867	ng	97
88) Benzo(b)fluoranthene	15.010	252	75745	3.923	ng	99
89) Benzo(k)fluoranthene	15.039	252	68657	4.208	ng	99
90) Benzo(a)pyrene	15.374	252	64676	4.060	ng	98
91) Dibenzo(a,h)anthracene	16.904	278	66034	3.722	ng	97
92) Benzo(g,h,i)perylene	17.315	276	66427	3.599	ng	97

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

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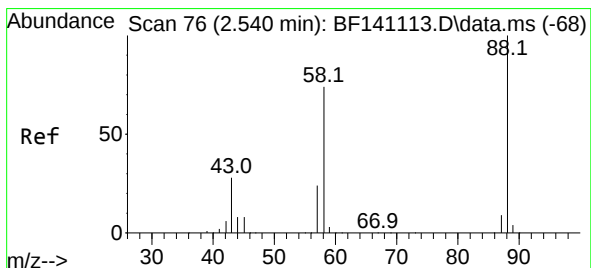
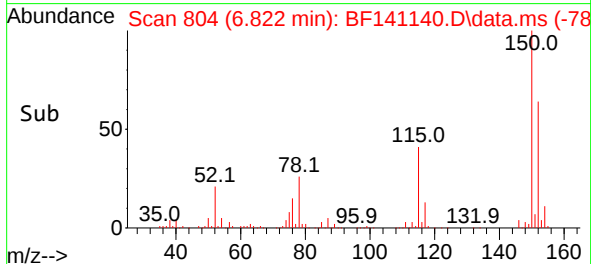
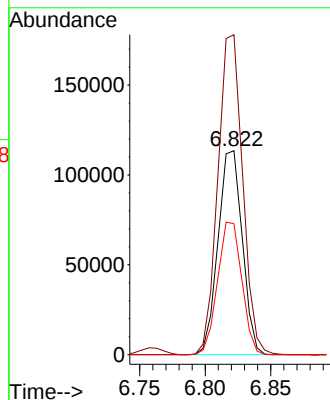
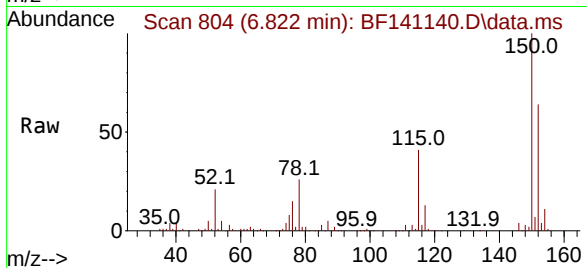




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF141140.D
 Acq: 14 Jan 2025 12:45

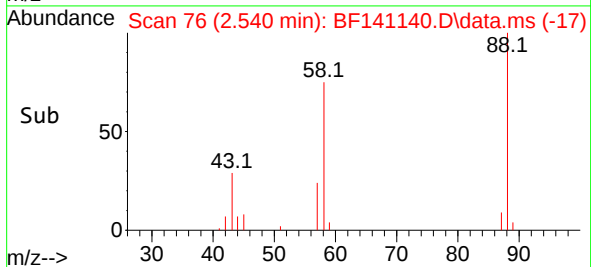
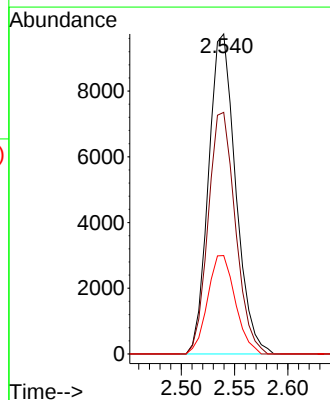
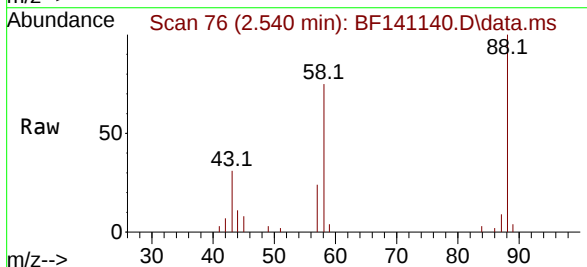
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT1-2024

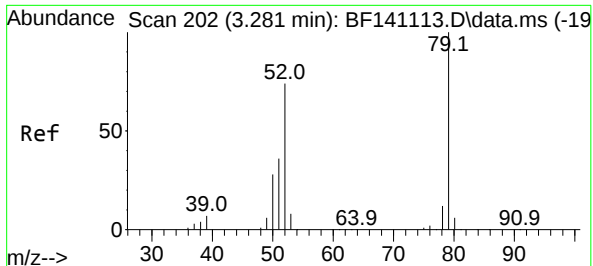
Tgt Ion:152 Resp: 145991
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.8 188.8
 115 64.2 51.4 77.2



#2
 1,4-Dioxane
 Concen: 4.096 ng
 RT: 2.540 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: BF141140.D
 Acq: 14 Jan 2025 12:45

Tgt Ion: 88 Resp: 17237
 Ion Ratio Lower Upper
 88 100
 58 75.6 60.1 90.1
 43 31.3 23.1 34.7





#3

Pyridine

Concen: 3.468 ng

RT: 3.322 min Scan# 20

Delta R.T. 0.041 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

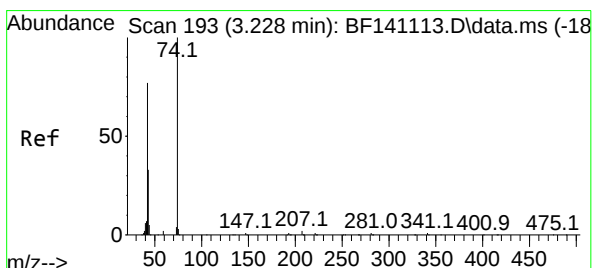
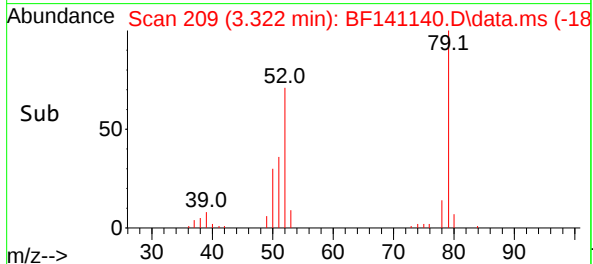
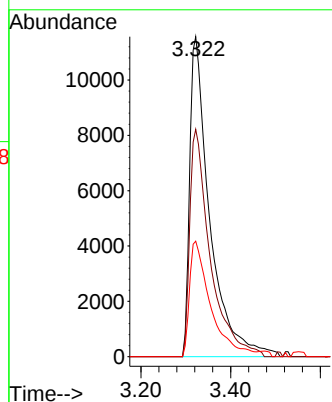
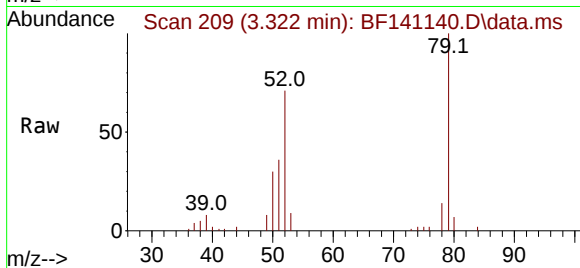
Tgt Ion: 79 Resp: 35787

Ion Ratio Lower Upper

79 100

52 71.1 58.9 88.3

51 36.1 29.1 43.7



#4

n-Nitrosodimethylamine

Concen: 3.686 ng

RT: 3.210 min Scan# 190

Delta R.T. -0.018 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

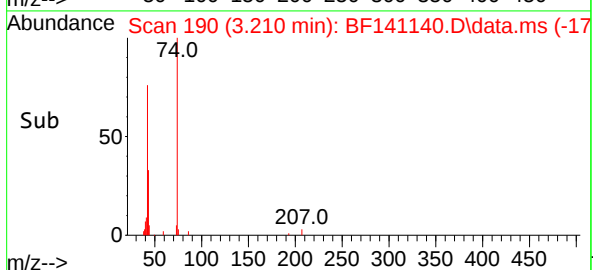
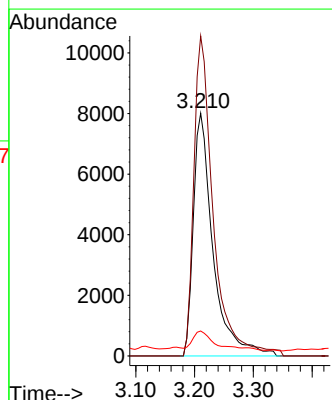
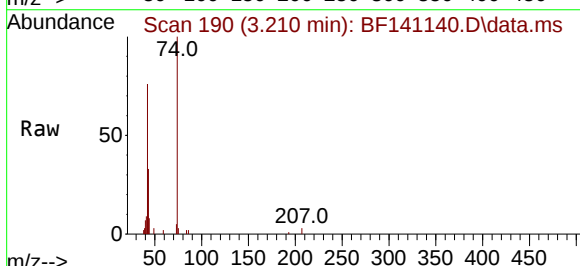
Tgt Ion: 42 Resp: 18599

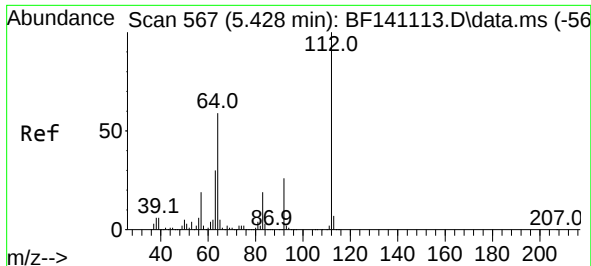
Ion Ratio Lower Upper

42 100

74 131.8 103.8 155.6

44 10.3 5.3 7.9#

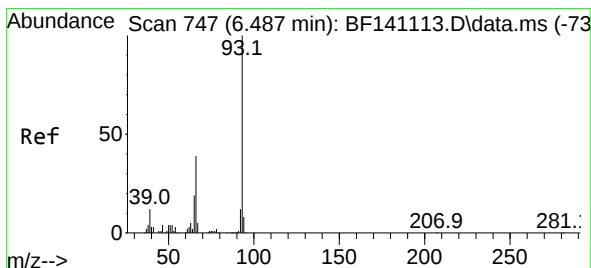
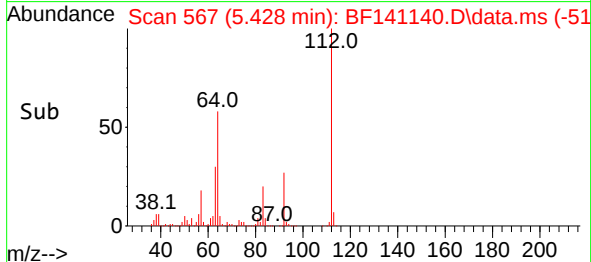
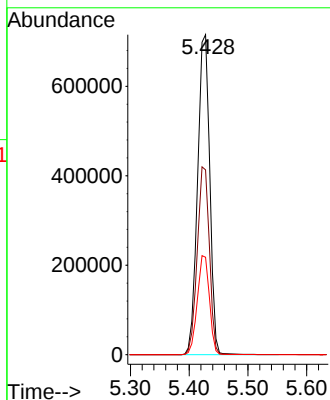
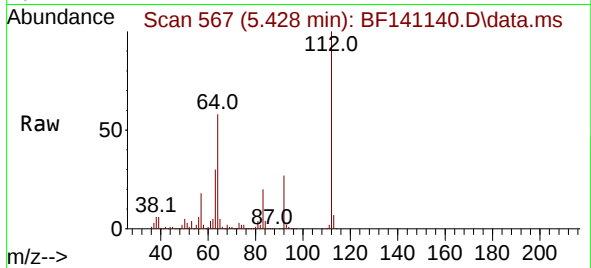




#5
2-Fluorophenol
Concen: 108.669 ng
RT: 5.428 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

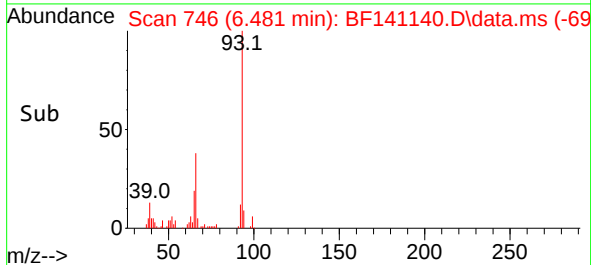
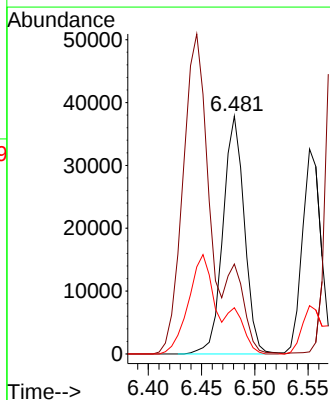
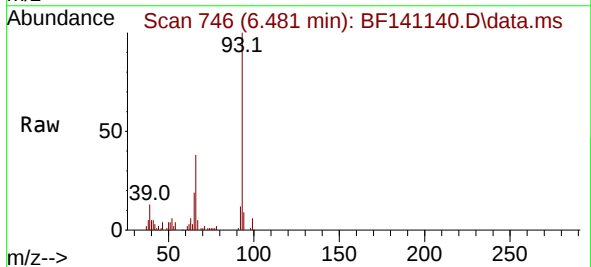
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

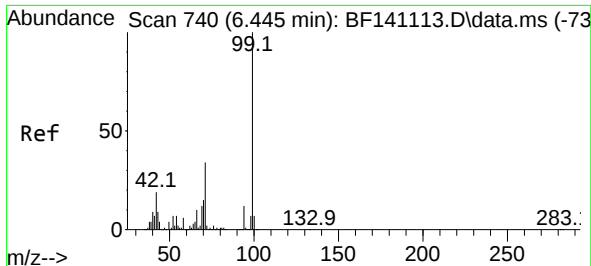
Tgt Ion:112 Resp: 1026969
Ion Ratio Lower Upper
112 100
64 57.7 47.3 70.9
63 30.5 24.2 36.2



#6
Aniline
Concen: 4.963 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion: 93 Resp: 52743
Ion Ratio Lower Upper
93 100
66 37.8 31.5 47.3
65 19.4 15.3 22.9



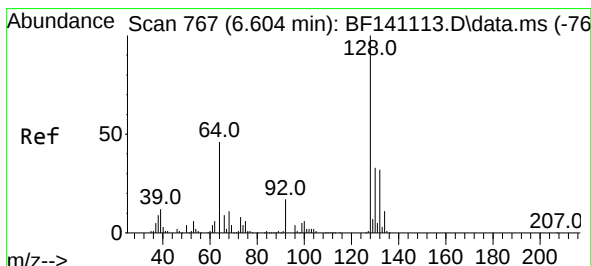
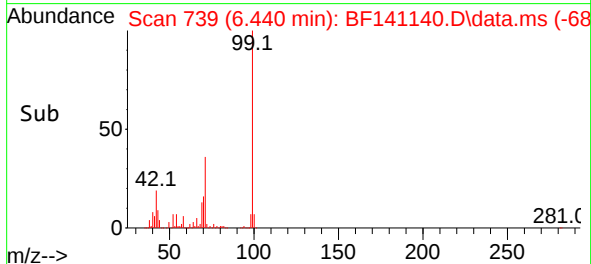
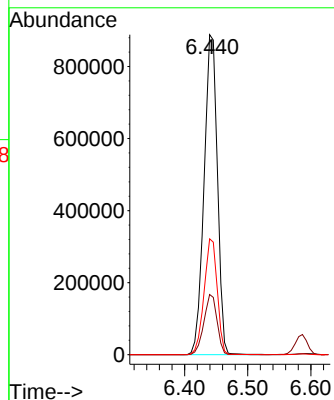
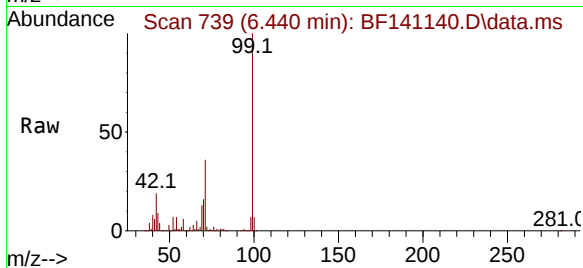


#7
Phenol-d6
Concen: 108.945 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 99 Resp: 1304177

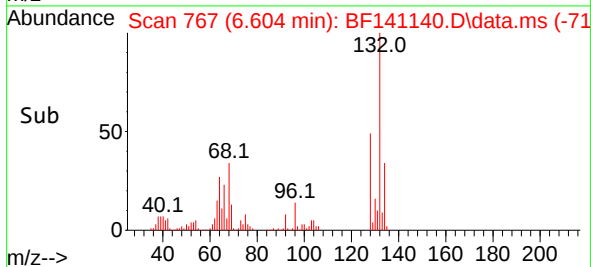
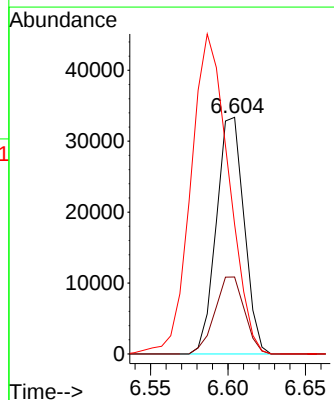
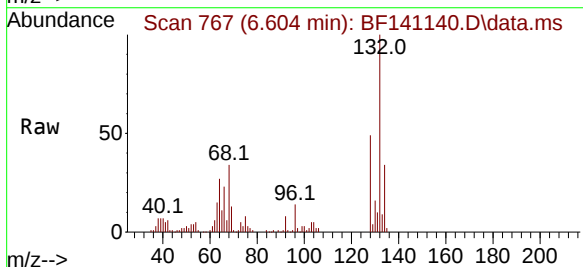
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.4
71	36.2	27.6	41.4

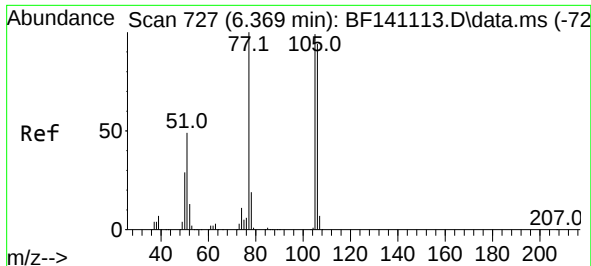


#8
2-Chlorophenol
Concen: 4.108 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:128 Resp: 41654

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.5	52.5
64	54.8	28.3	68.3

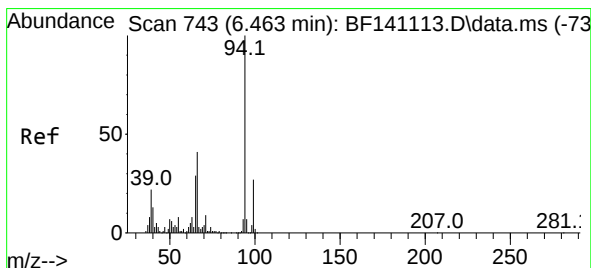
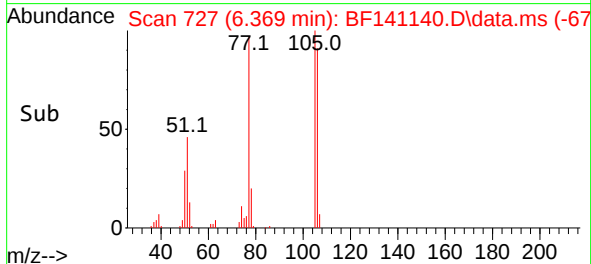
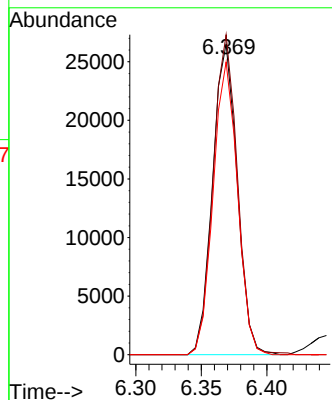
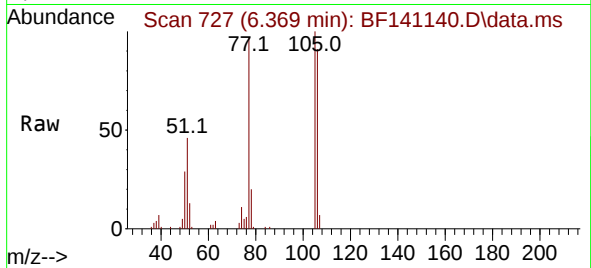




#9
Benzaldehyde
Concen: 4.901 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

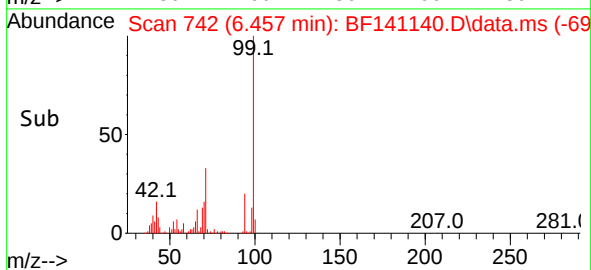
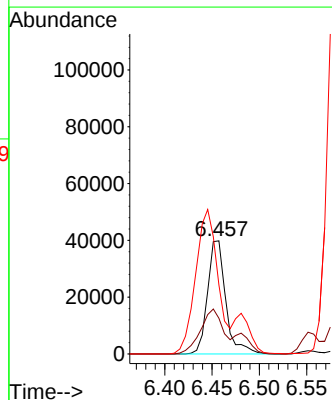
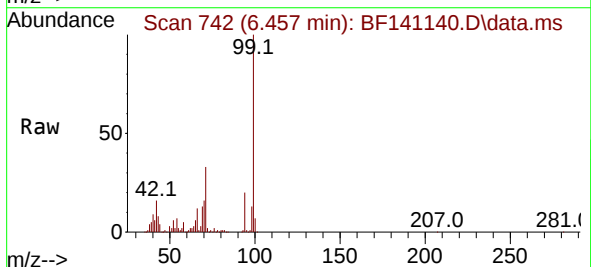
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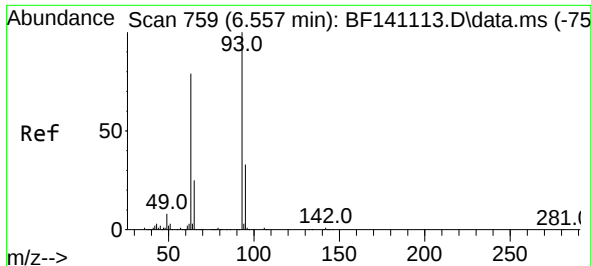
Tgt Ion: 77 Resp: 34556
Ion Ratio Lower Upper
77 100
105 103.0 78.9 118.9
106 94.2 73.6 113.6



#10
Phenol
Concen: 4.150 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion: 94 Resp: 53186
Ion Ratio Lower Upper
94 100
65 31.6 8.9 48.9
66 60.9 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 4.124 ng

RT: 6.551 min Scan# 714

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

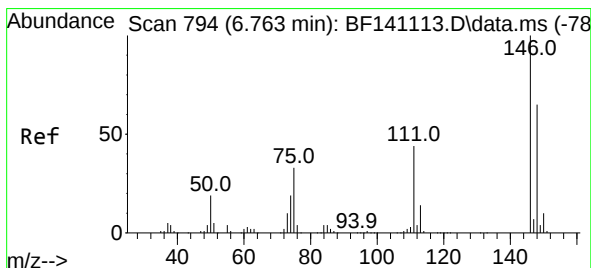
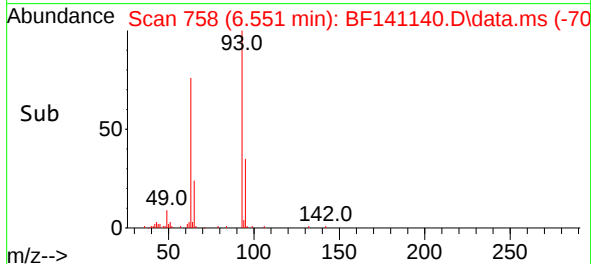
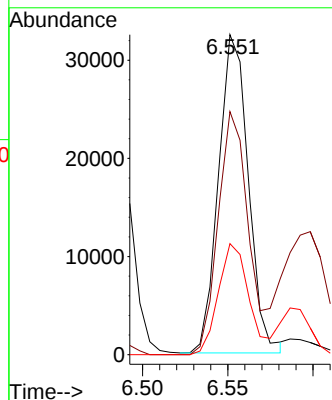
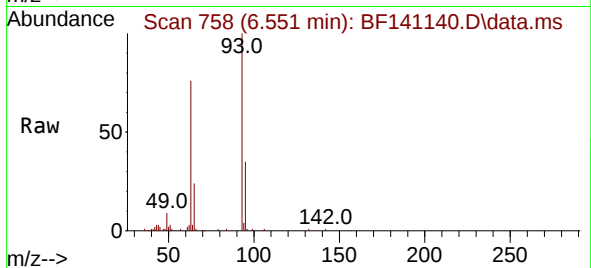
Tgt Ion: 93 Resp: 39382

Ion Ratio Lower Upper

93 100

63 76.0 58.0 98.0

95 34.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 4.051 ng

RT: 6.757 min Scan# 793

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

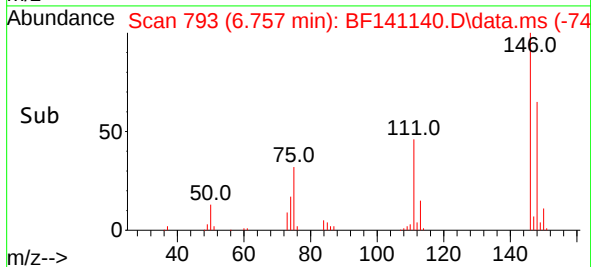
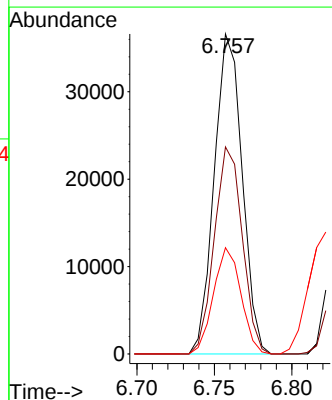
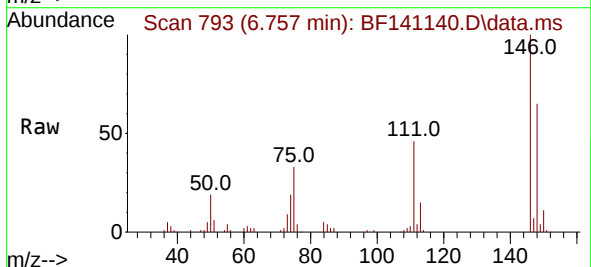
Tgt Ion:146 Resp: 45815

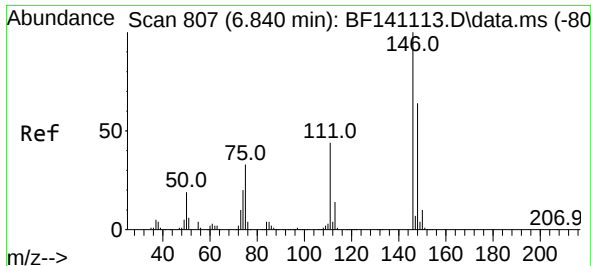
Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

75 33.2 26.2 39.2

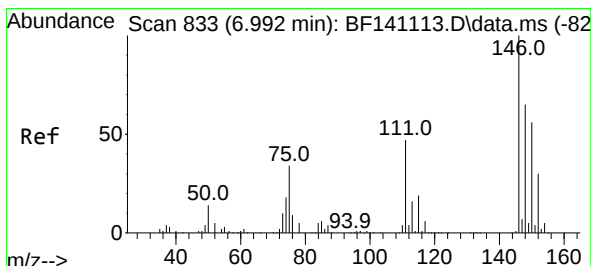
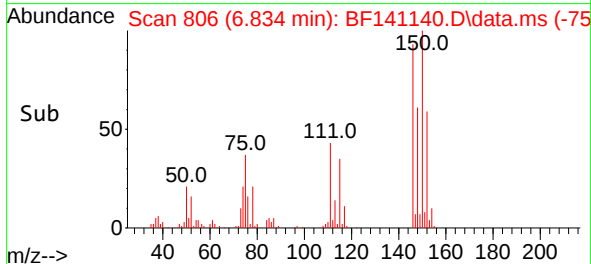
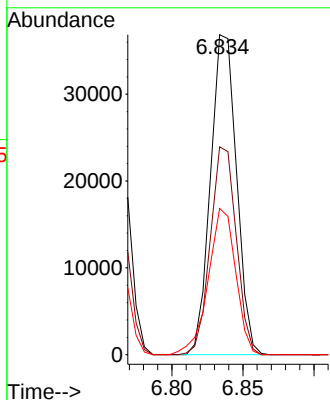
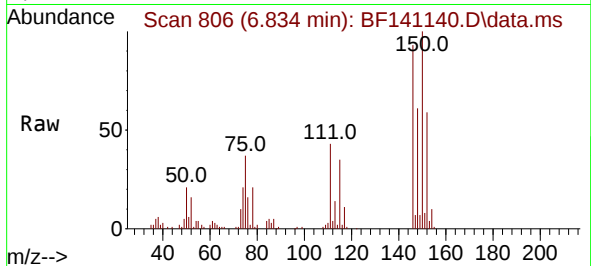




#13
1,4-Dichlorobenzene
Concen: 4.129 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

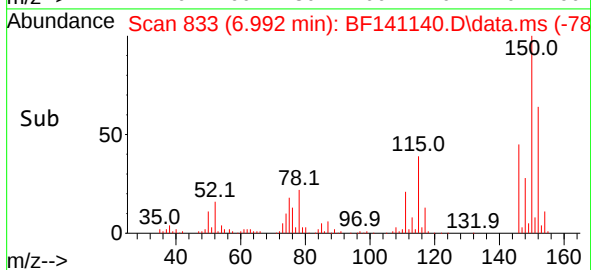
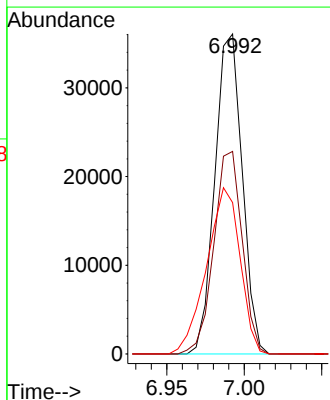
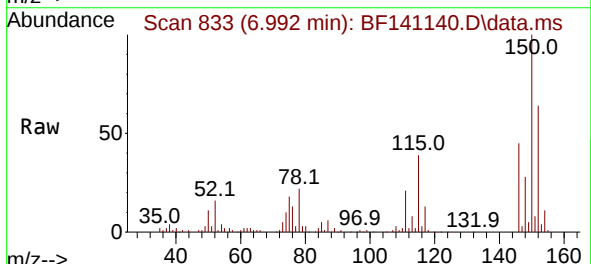
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

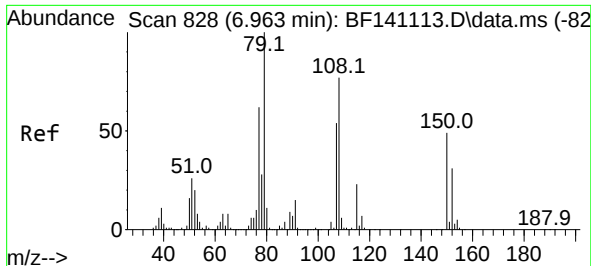
Tgt Ion:146 Resp: 47052
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.6
111 45.7 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 4.168 ng
RT: 6.992 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:146 Resp: 44309
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.4
111 47.3 37.5 56.3

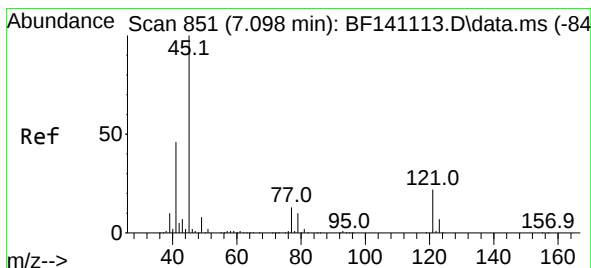
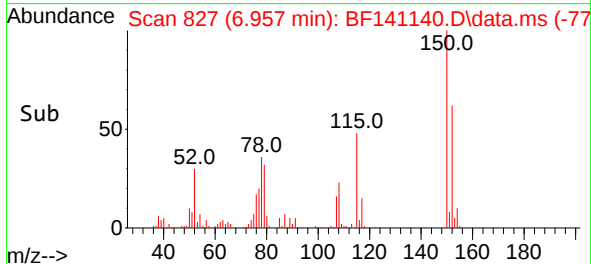
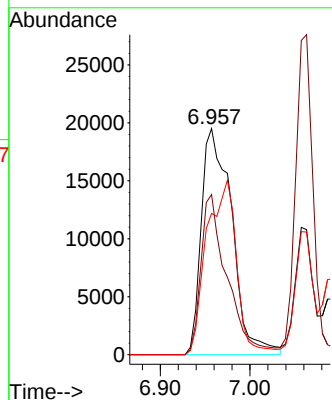
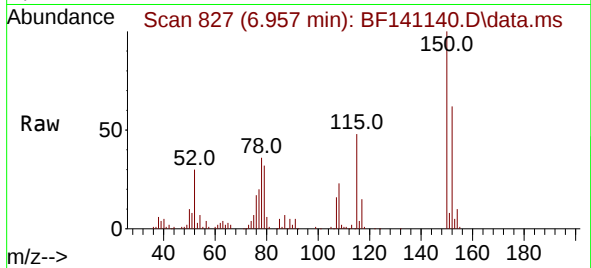




#15
Benzyl Alcohol
Concen: 5.315 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

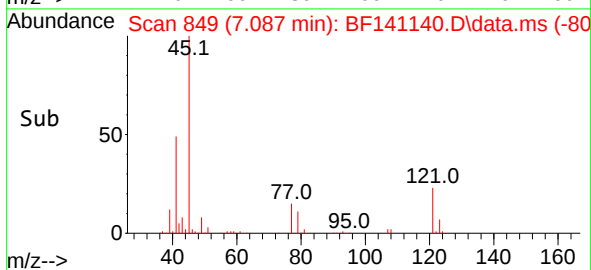
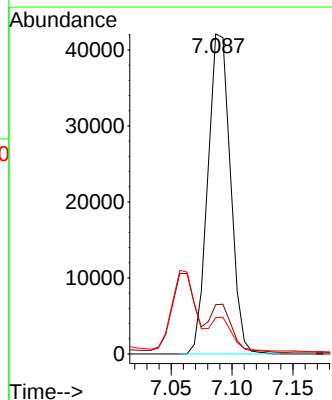
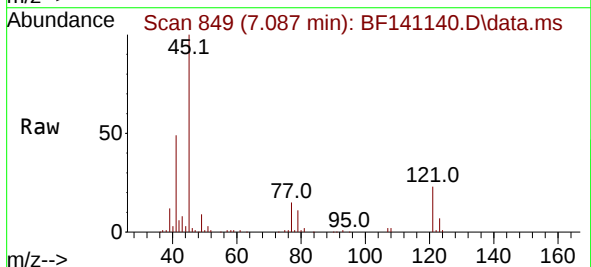
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

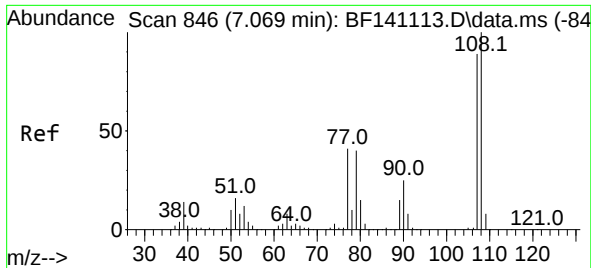
Tgt Ion: 79 Resp: 45952
Ion Ratio Lower Upper
79 100
108 70.8 61.4 92.0
77 62.5 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.070 ng
RT: 7.087 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion: 45 Resp: 54240
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.1
79 11.4 0.0 31.0

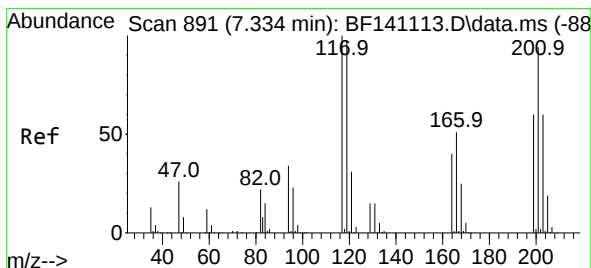
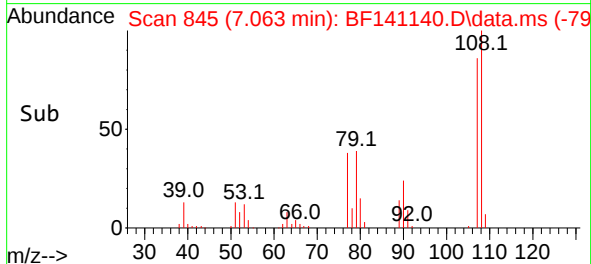
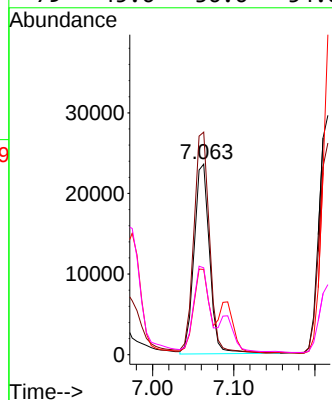
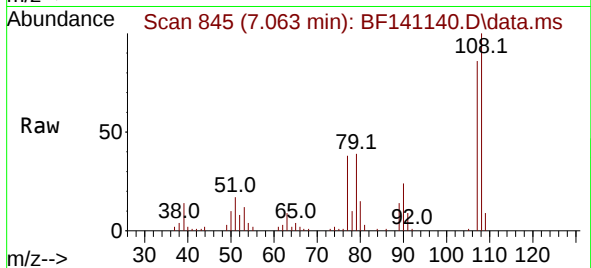




#17
2-Methylphenol
Concen: 3.847 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

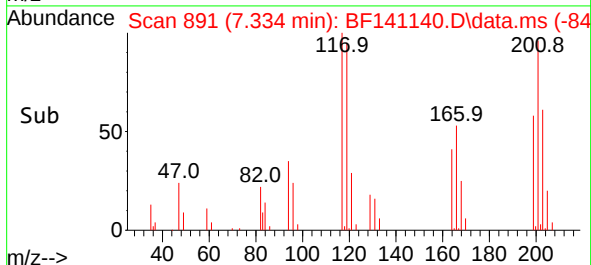
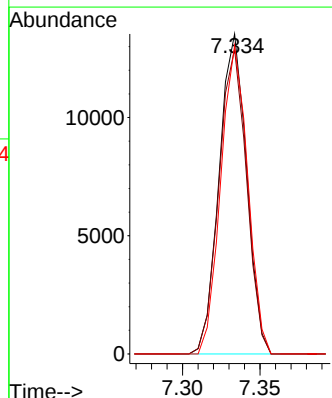
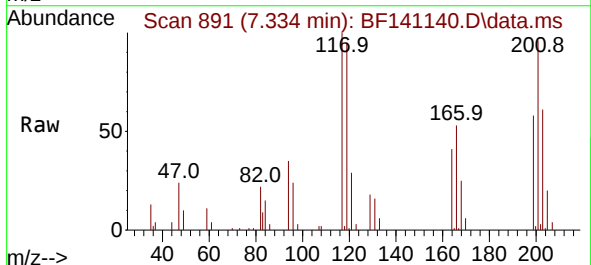
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2024

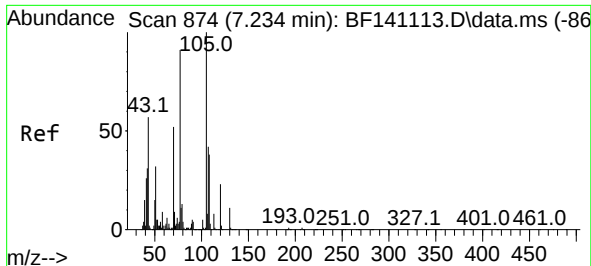
Tgt Ion:	107	Resp:	31487
Ion	Ratio	Lower	Upper
107	100		
108	116.8	90.1	135.1
77	44.7	36.6	55.0
79	45.6	36.6	54.8



#18
Hexachloroethane
Concen: 4.054 ng
RT: 7.334 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:	117	Resp:	16705
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.6	116.4
201	96.4	75.1	112.7

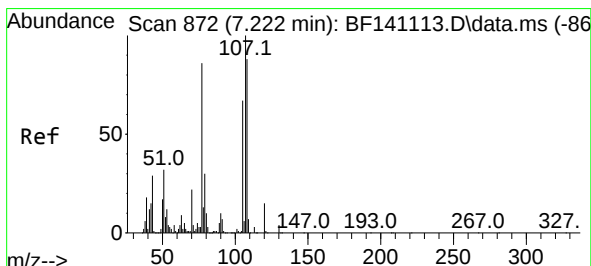
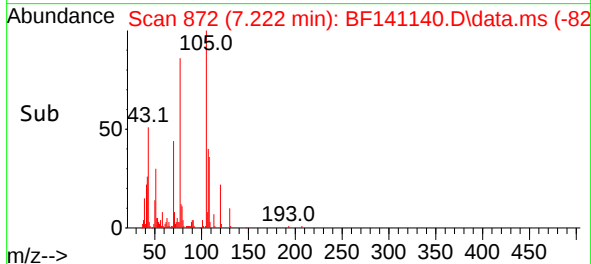
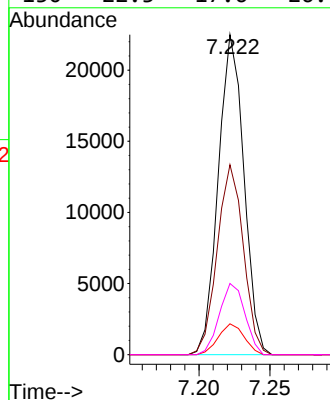
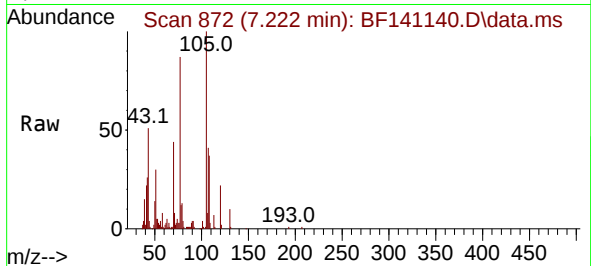




#19
n-Nitroso-di-n-propylamine
Concen: 4.002 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

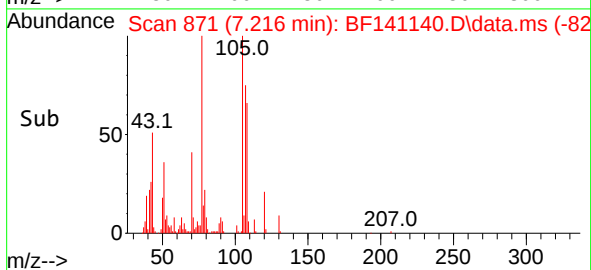
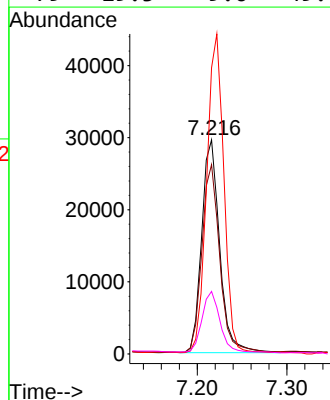
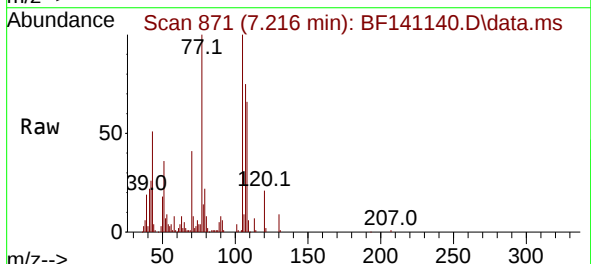
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

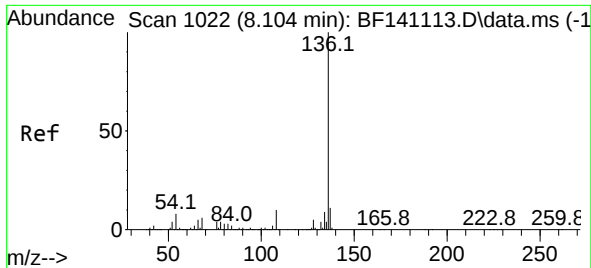
Tgt Ion: 70	Resp: 28221
Ion Ratio	Lower Upper
70 100	
42 59.4	47.8 71.6
101 9.6	7.9 11.9
130 22.3	17.6 26.4



#20
3+4-Methylphenols
Concen: 3.966 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt	Ion:107	Resp:	40958
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.3	108.3
77	133.7	66.4	106.4#
79	29.3	9.6	49.6

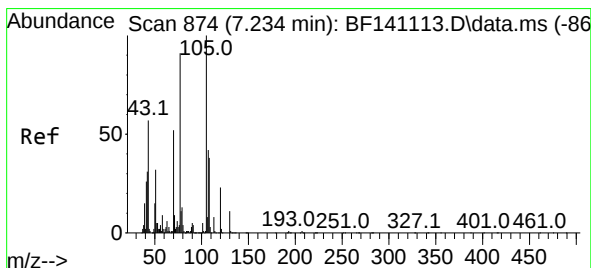
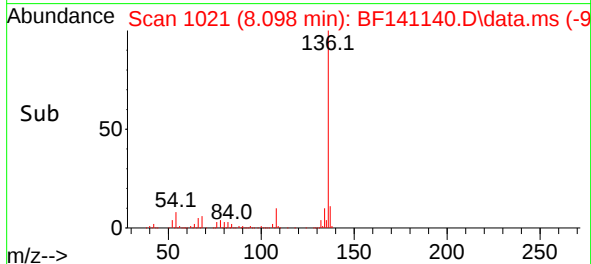
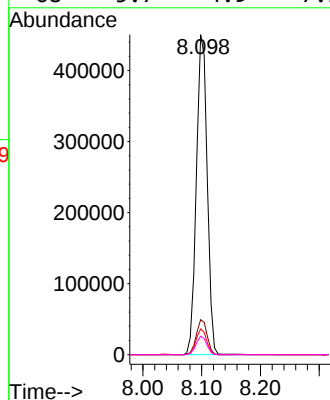
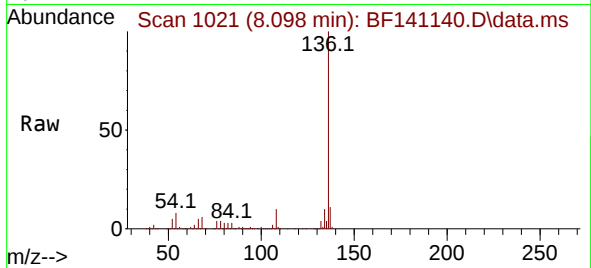




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

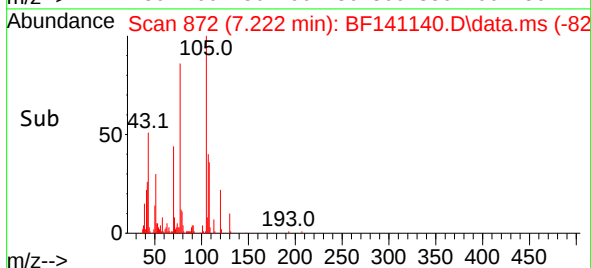
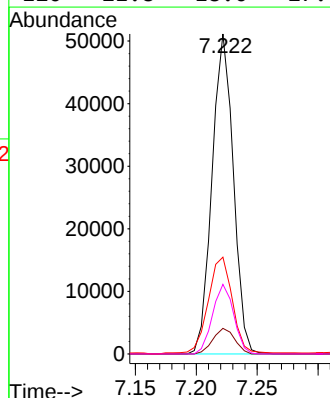
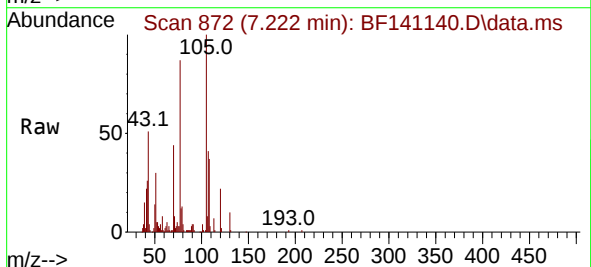
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

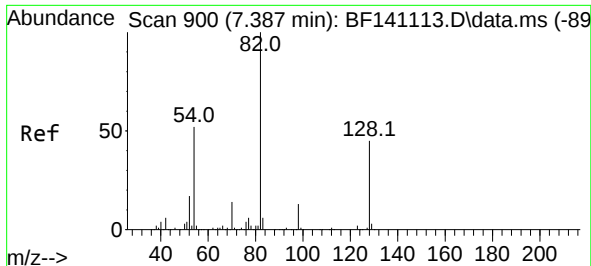
Tgt Ion:	136	Resp:	574753
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	6.3	9.5
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 4.544 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:	105	Resp:	62084
Ion	Ratio	Lower	Upper
105	100		
71	8.0	7.1	10.7
51	30.3	25.4	38.2
120	21.8	18.0	27.0





#23

Nitrobenzene-d5

Concen: 80.596 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

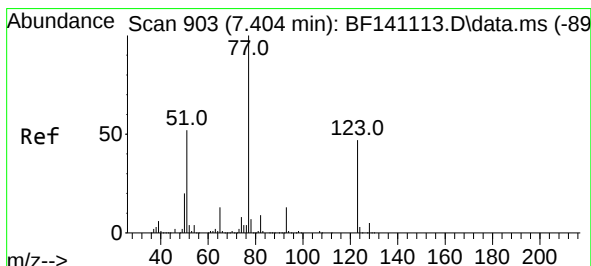
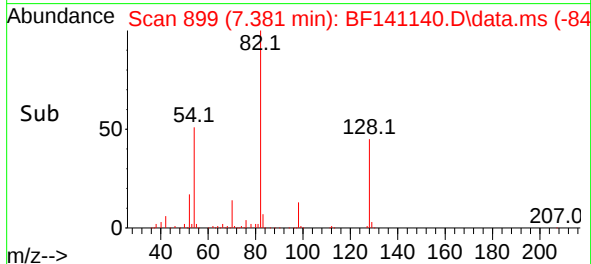
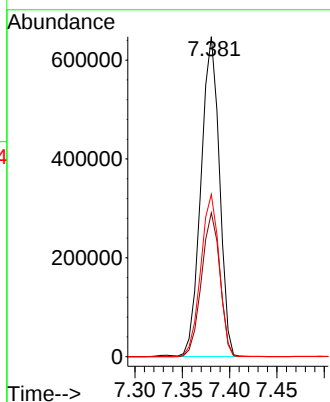
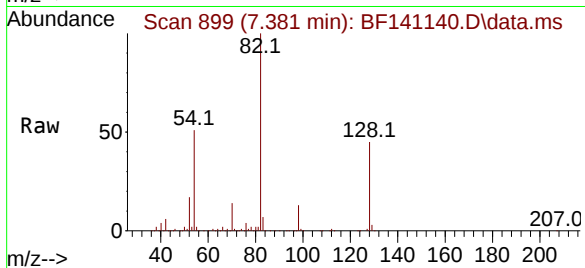
Tgt Ion: 82 Resp: 873879

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

54 50.7 41.0 61.4



#24

Nitrobenzene

Concen: 4.161 ng

RT: 7.398 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

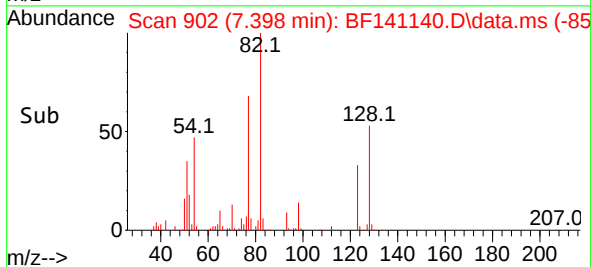
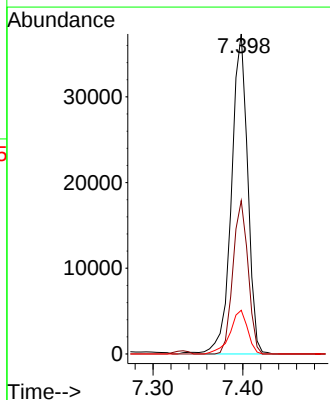
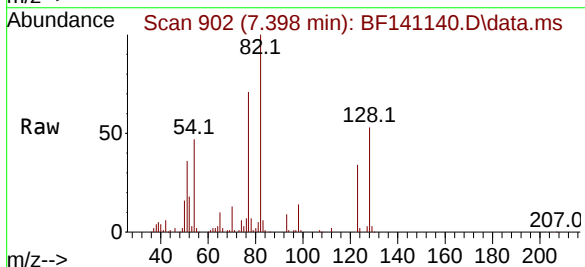
Tgt Ion: 77 Resp: 47026

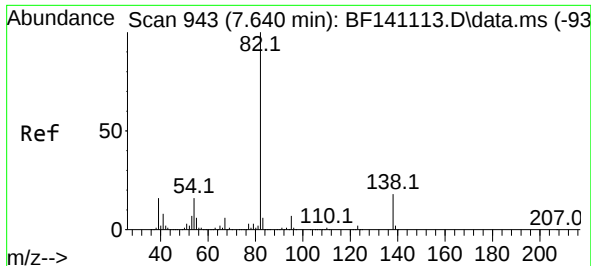
Ion Ratio Lower Upper

77 100

123 47.9 37.7 56.5

65 13.6 10.6 16.0

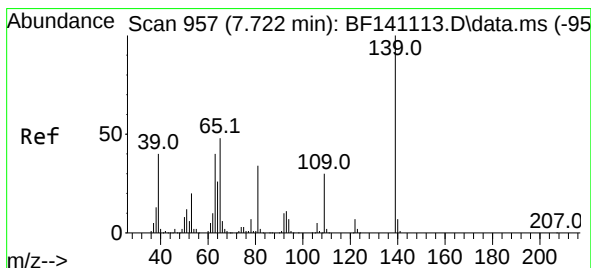
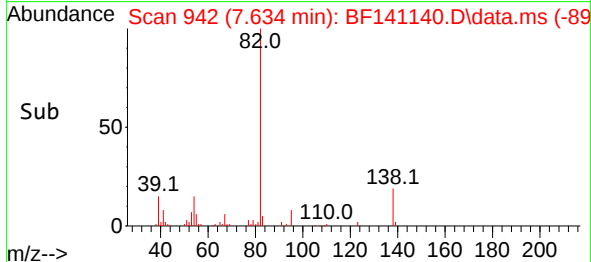
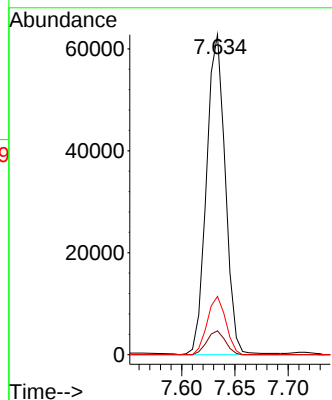
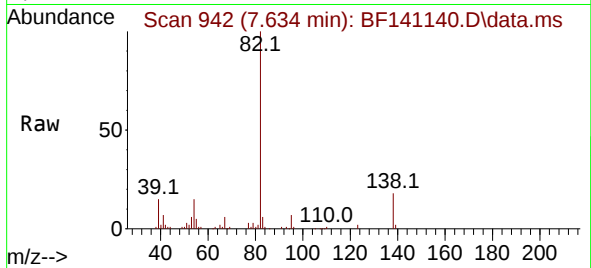




#25
Isophorone
Concen: 4.180 ng
RT: 7.634 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

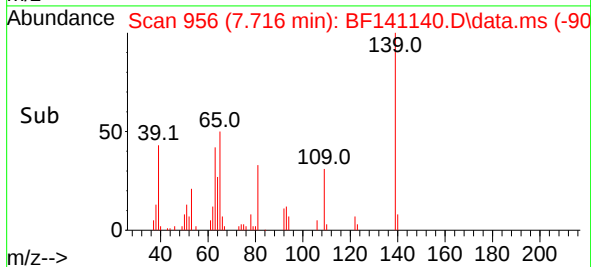
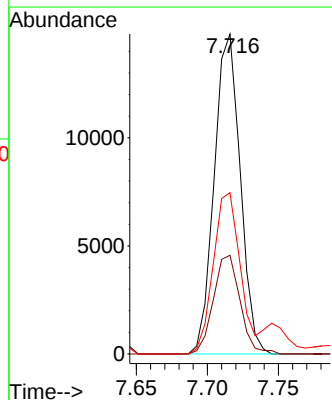
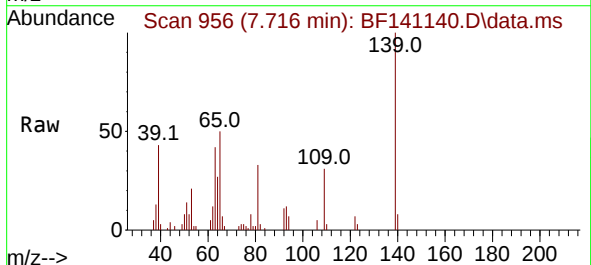
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

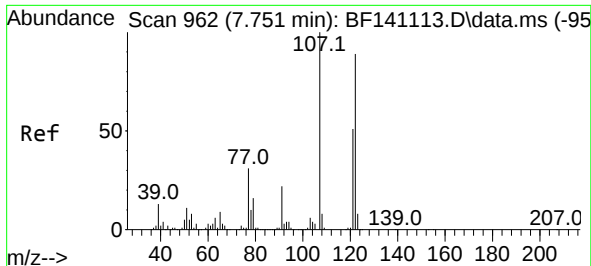
Tgt Ion: 82 Resp: 77449
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.2 14.2 21.2



#26
2-Nitrophenol
Concen: 3.666 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:139 Resp: 18846
Ion Ratio Lower Upper
139 100
109 30.9 23.8 35.6
65 50.4 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 2.639 ng

RT: 7.745 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

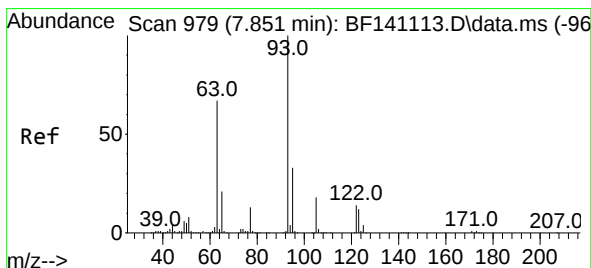
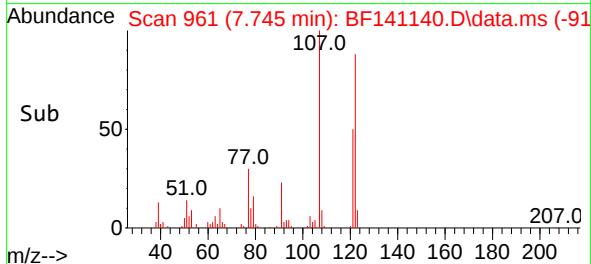
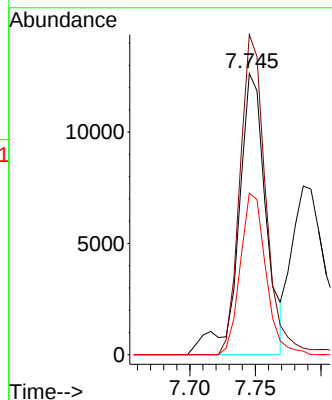
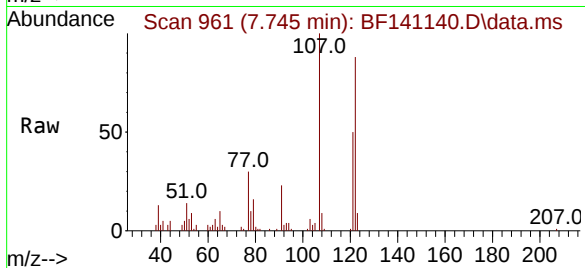
Tgt Ion:122 Resp: 18297

Ion Ratio Lower Upper

122 100

107 113.7 90.3 135.5

121 57.4 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 4.014 ng

RT: 7.845 min Scan# 978

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

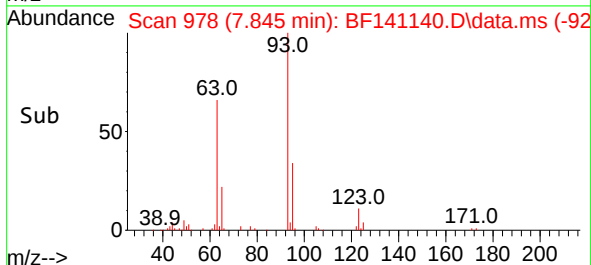
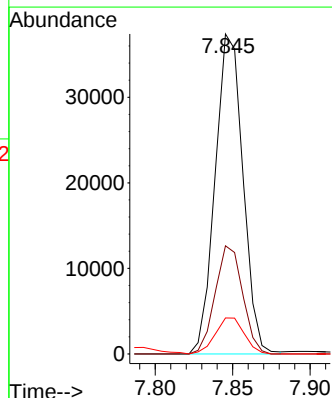
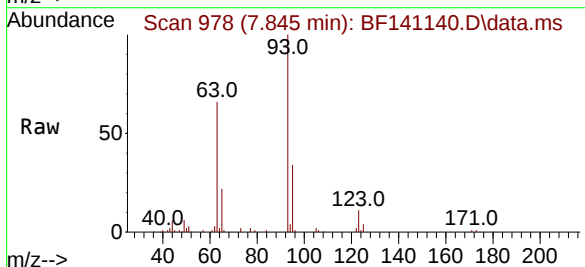
Tgt Ion: 93 Resp: 46683

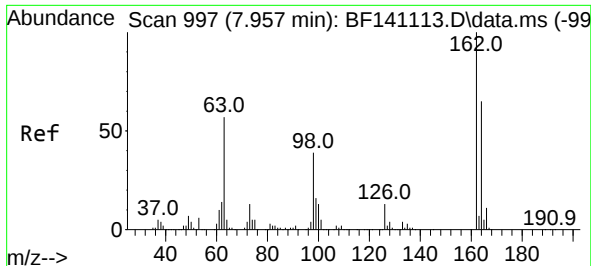
Ion Ratio Lower Upper

93 100

95 33.8 26.2 39.4

123 11.3 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 4.074 ng

RT: 7.951 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

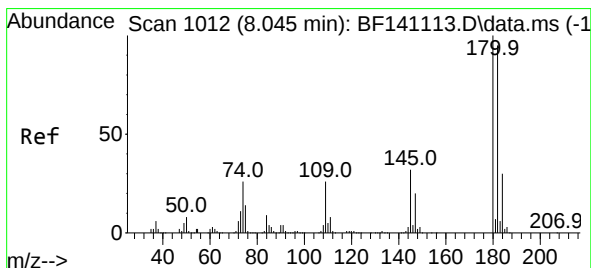
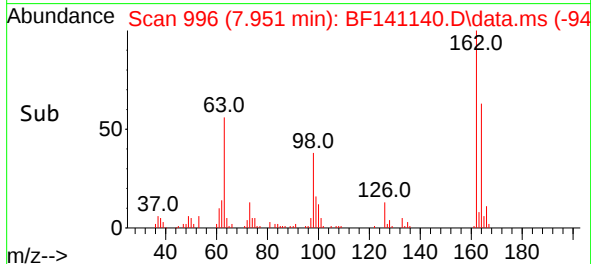
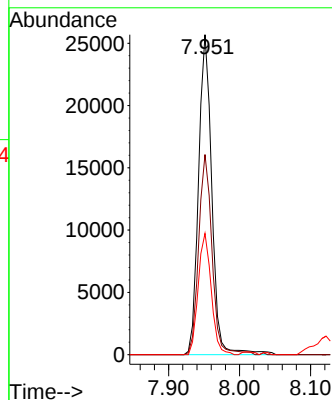
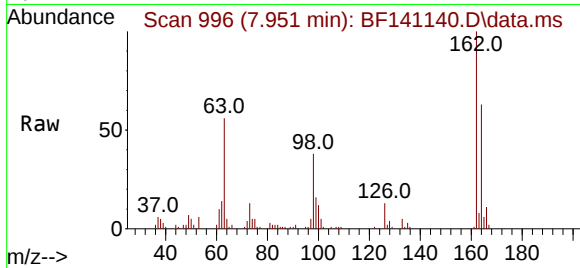
Tgt Ion:162 Resp: 33548

Ion Ratio Lower Upper

162 100

164 62.5 44.5 84.5

98 37.9 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 4.089 ng

RT: 8.039 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

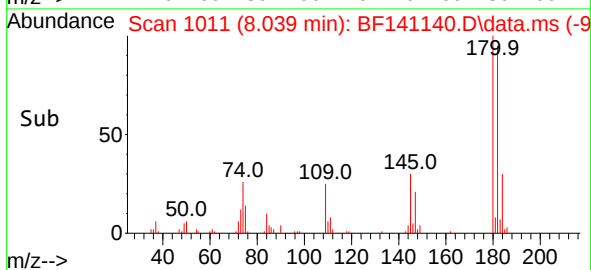
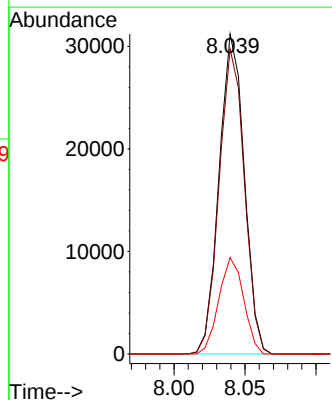
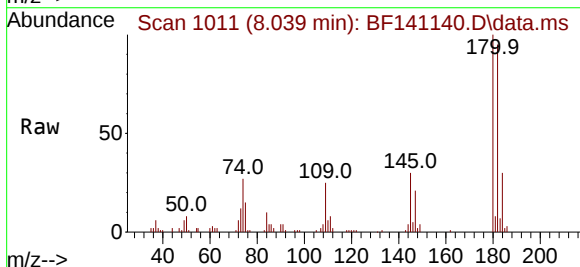
Tgt Ion:180 Resp: 38489

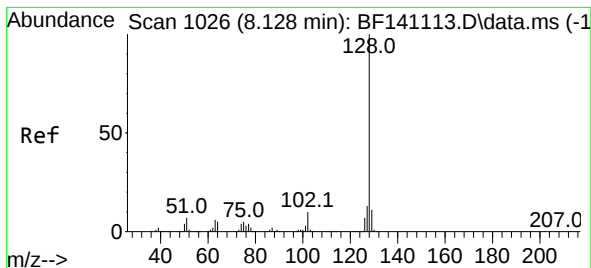
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

145 30.1 25.3 37.9





#31

Naphthalene

Concen: 4.211 ng

RT: 8.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

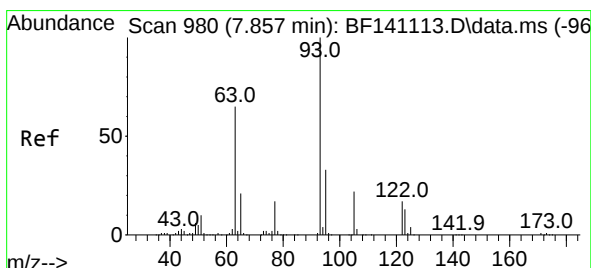
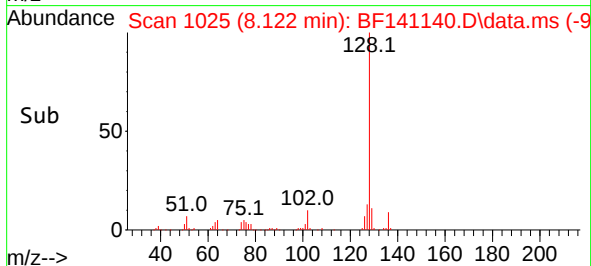
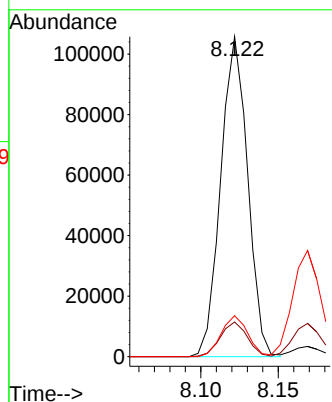
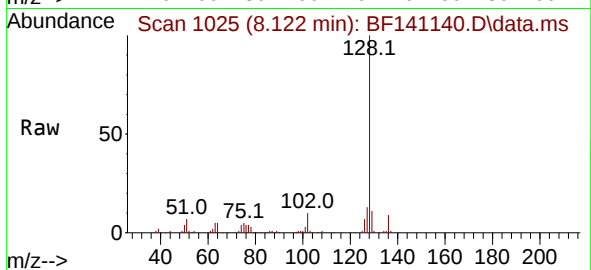
Tgt Ion:128 Resp: 127649

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 12.8 10.8 16.2



#32

Benzoic acid

Concen: 2.361 ng

RT: 7.787 min Scan# 968

Delta R.T. -0.071 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

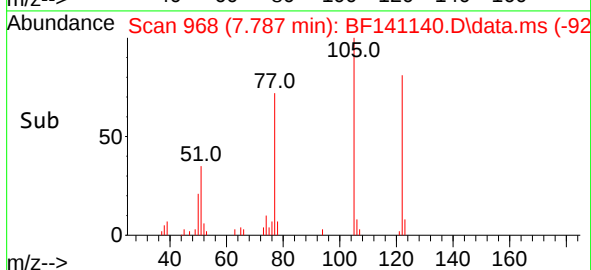
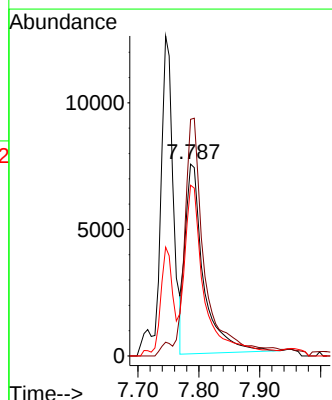
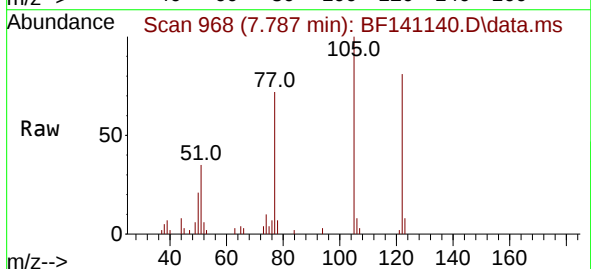
Tgt Ion:122 Resp: 15705

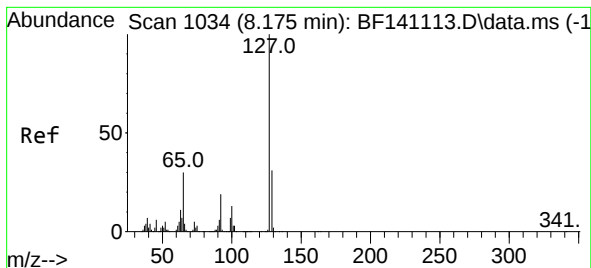
Ion Ratio Lower Upper

122 100

105 123.3 105.5 145.5

77 88.9 75.1 115.1





#33

4-Chloroaniline

Concen: 4.424 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:127 Resp: 46373

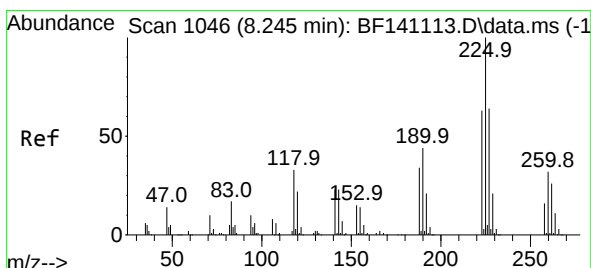
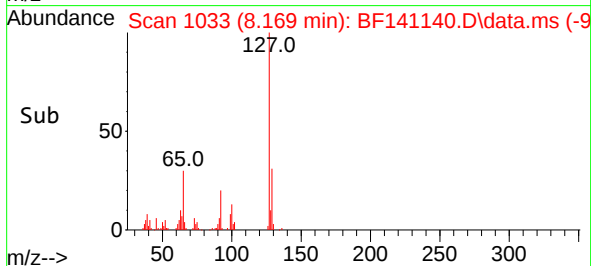
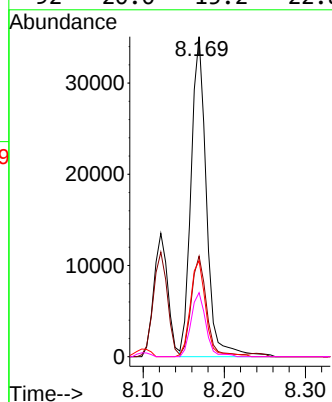
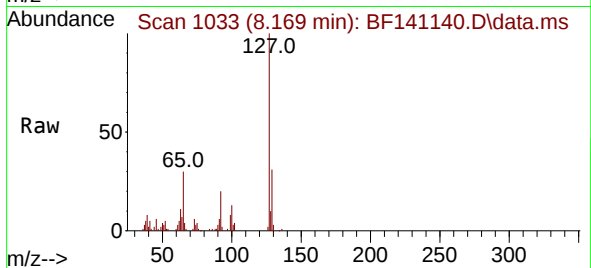
Ion Ratio Lower Upper

127 100

129 31.4 25.9 38.9

65 30.0 23.8 35.8

92 20.0 15.2 22.8



#34

Hexachlorobutadiene

Concen: 4.046 ng

RT: 8.239 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

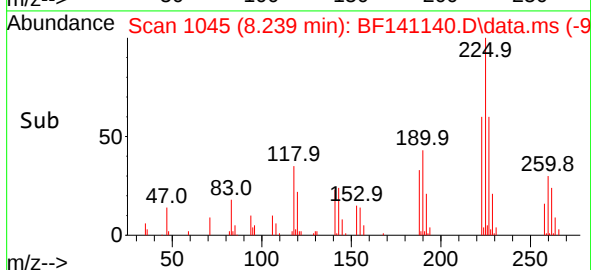
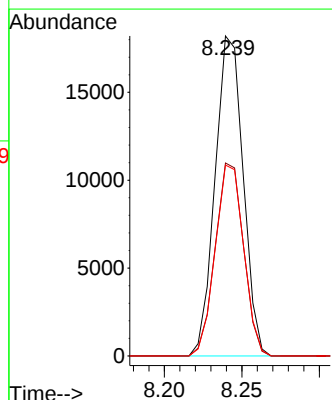
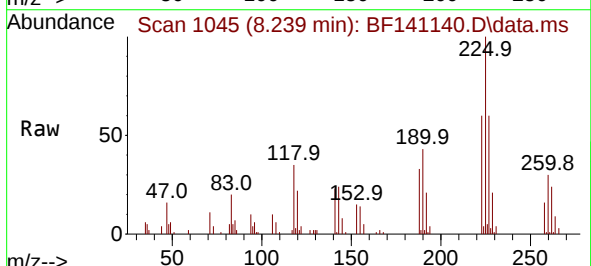
Tgt Ion:225 Resp: 22946

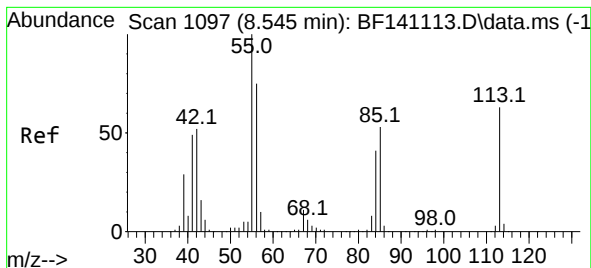
Ion Ratio Lower Upper

225 100

223 60.3 50.6 76.0

227 59.7 51.6 77.4





#35

Caprolactam

Concen: 3.687 ng

RT: 8.486 min Scan# 1107

Delta R.T. -0.059 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

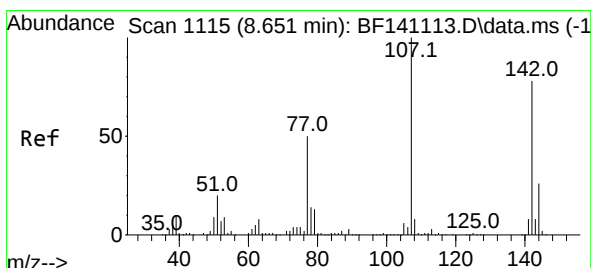
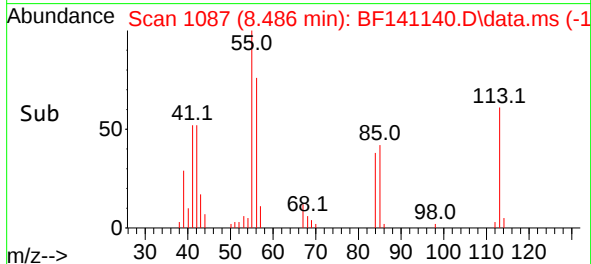
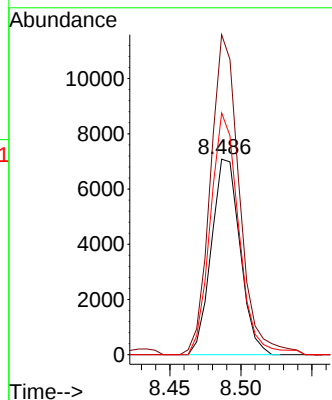
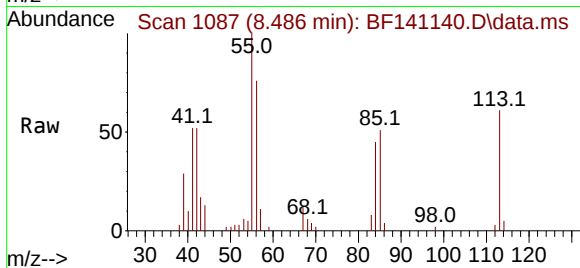
Tgt Ion:113 Resp: 9940

Ion Ratio Lower Upper

113 100

55 163.7 139.7 179.7

56 123.7 99.4 139.4



#36

4-Chloro-3-methylphenol

Concen: 4.393 ng

RT: 8.639 min Scan# 1113

Delta R.T. -0.012 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

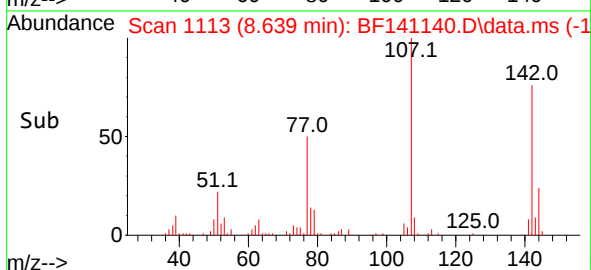
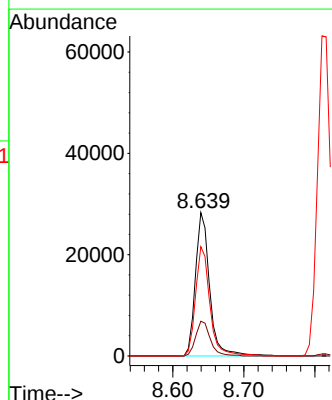
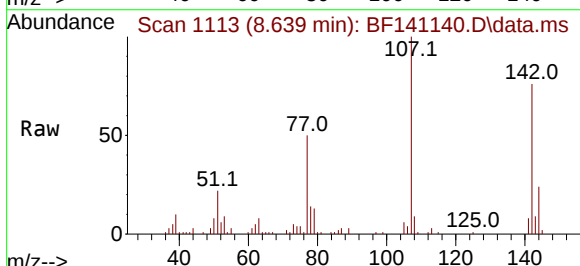
Tgt Ion:107 Resp: 39562

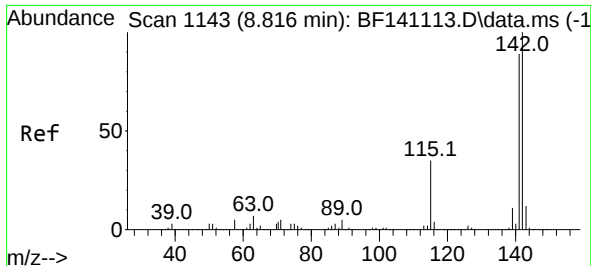
Ion Ratio Lower Upper

107 100

144 24.2 20.4 30.6

142 76.2 62.2 93.2





#37

2-Methylnaphthalene

Concen: 4.233 ng

RT: 8.810 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

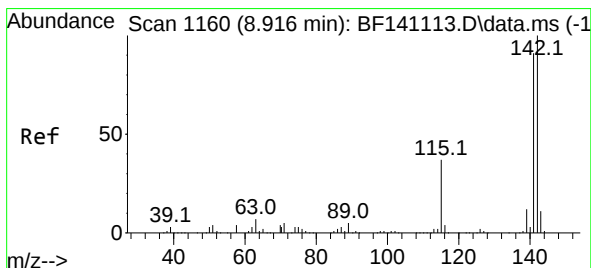
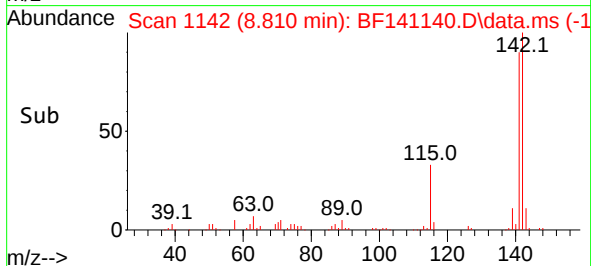
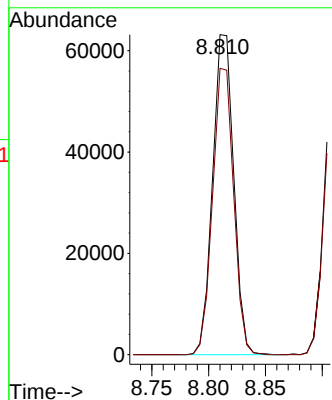
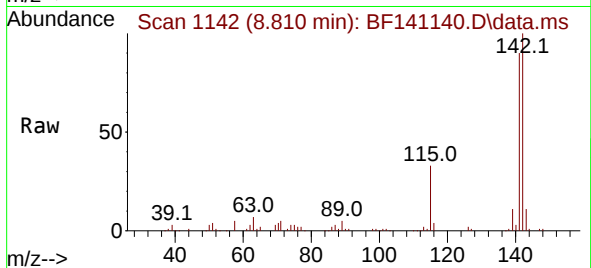
MDL-WATER-03-QT1-2024

Tgt Ion:142 Resp: 81757

Ion Ratio Lower Upper

142 100

141 89.5 71.3 106.9



#38

1-Methylnaphthalene

Concen: 4.010 ng

RT: 8.910 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF141140.D

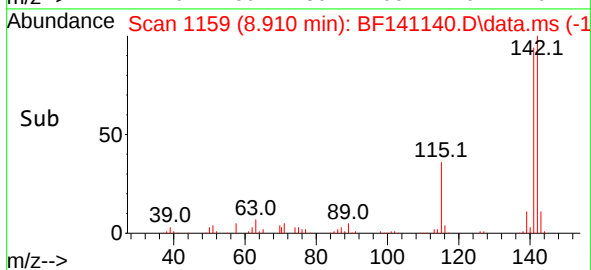
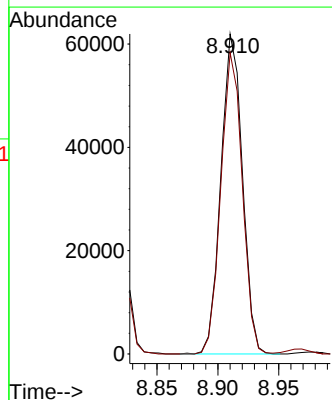
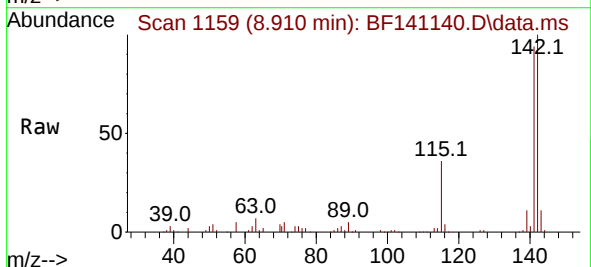
Acq: 14 Jan 2025 12:45

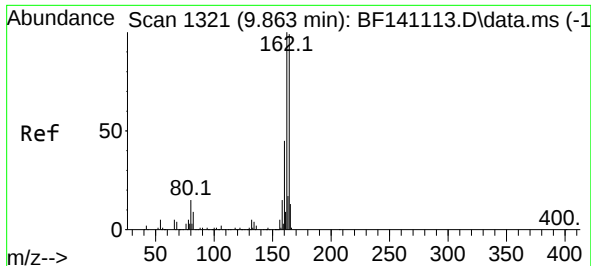
Tgt Ion:142 Resp: 76330

Ion Ratio Lower Upper

142 100

141 94.1 73.1 109.7

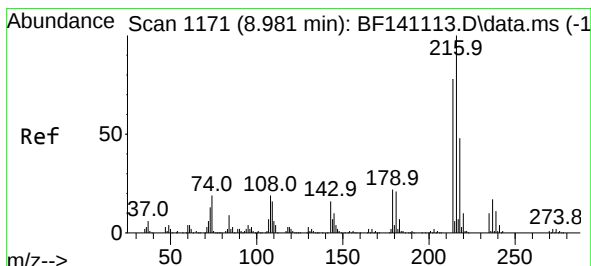
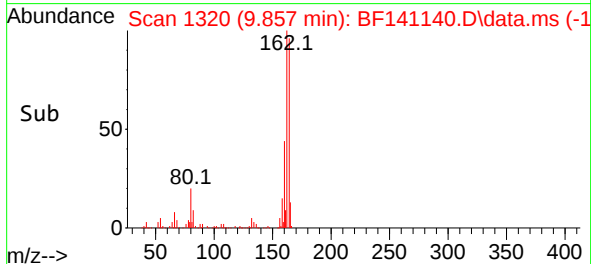
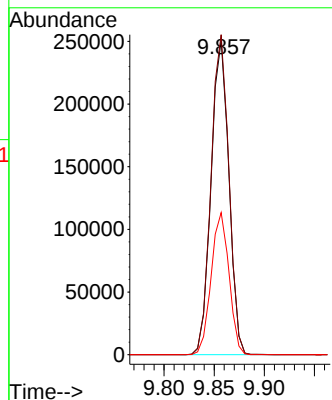
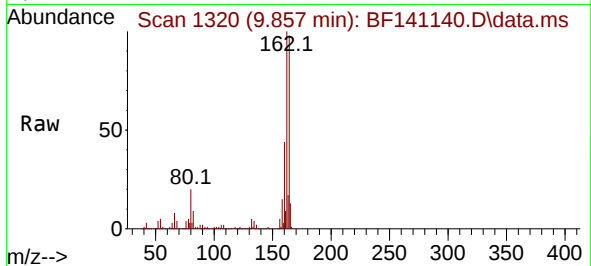




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

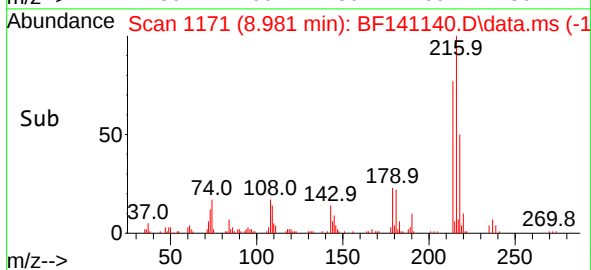
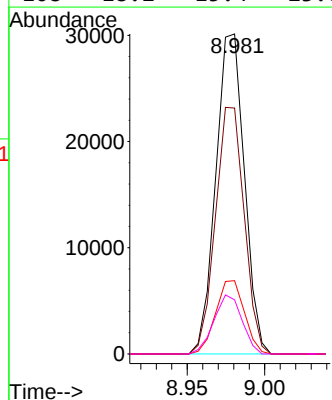
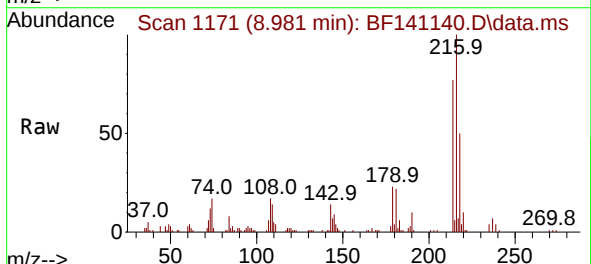
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

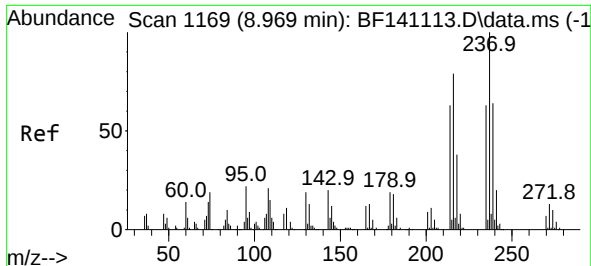
Tgt Ion:164 Resp: 309707
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.4
160 45.2 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.352 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:216 Resp: 38689
Ion Ratio Lower Upper
216 100
214 77.3 62.6 94.0
179 23.0 17.7 26.5
108 18.2 15.4 23.0

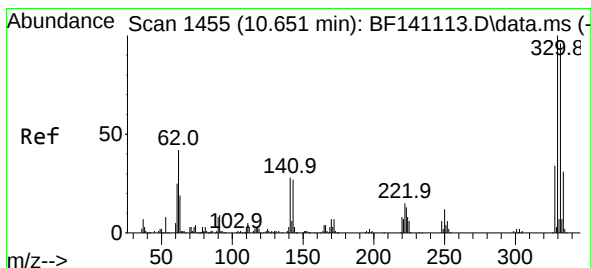
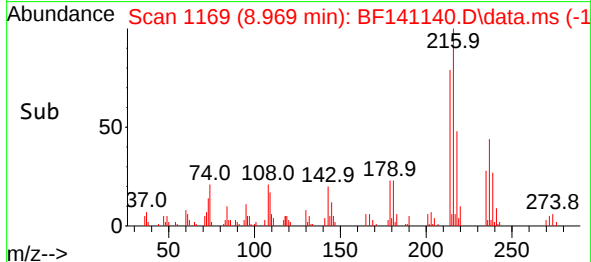
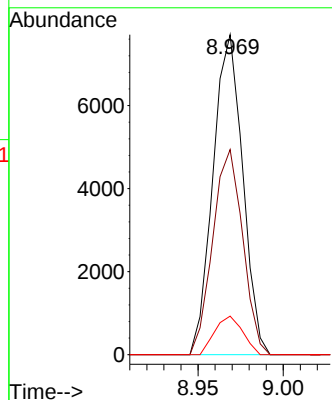
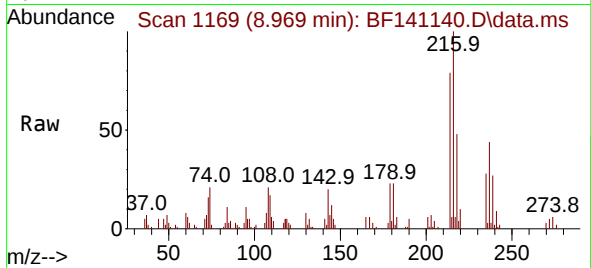




#41
Hexachlorocyclopentadiene
Concen: 3.211 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

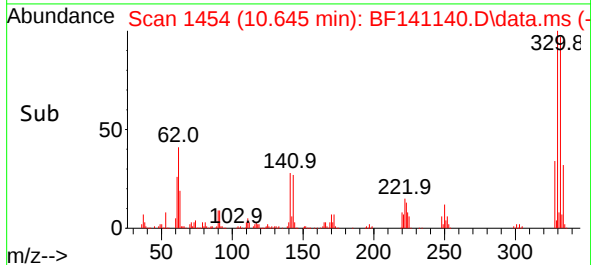
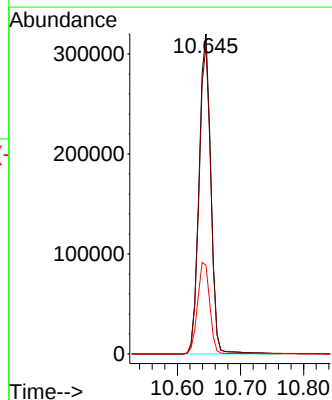
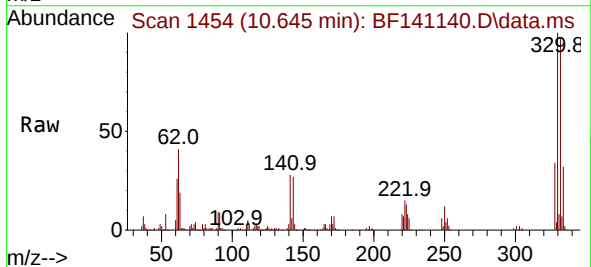
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

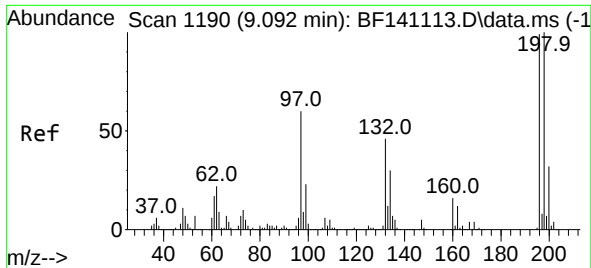
Tgt Ion:	237	Resp:	9337
Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.0	83.0
272	12.1	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 117.153 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

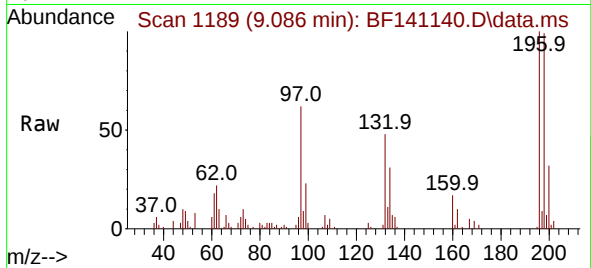
Tgt Ion:	330	Resp:	413422
Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	29.9	25.2	37.8



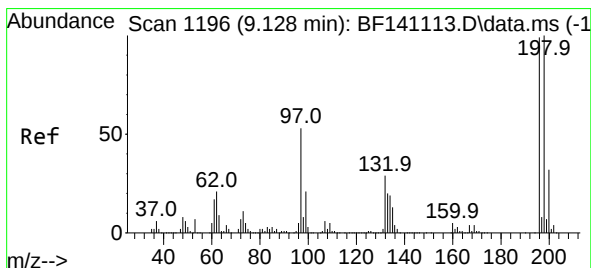
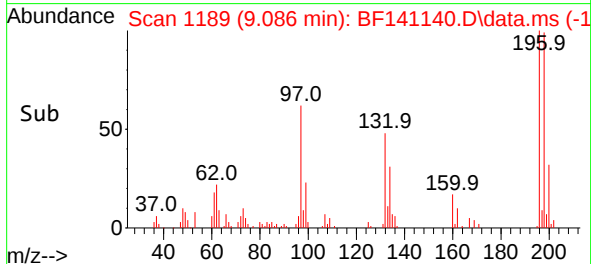
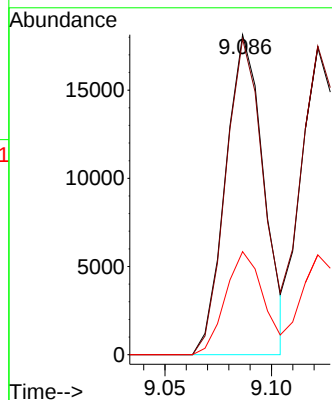


#43
2,4,6-Trichlorophenol
Concen: 3.770 ng
RT: 9.086 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

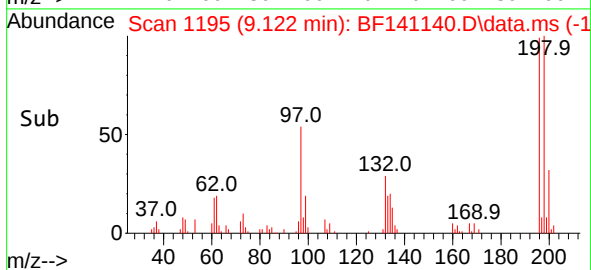
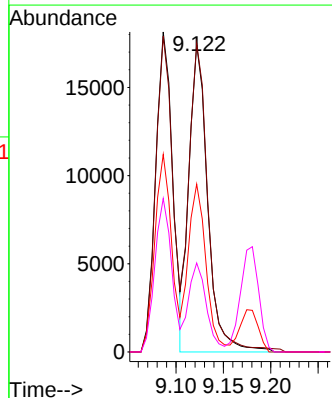
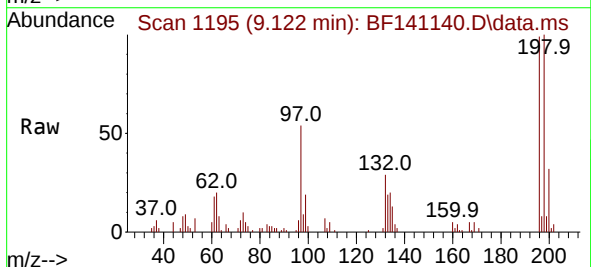


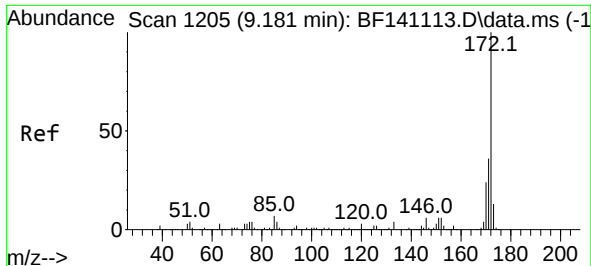
Tgt Ion:196 Resp: 22603
Ion Ratio Lower Upper
196 100
198 98.6 80.8 121.2
200 32.2 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 3.794 ng
RT: 9.122 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:196 Resp: 24022
Ion Ratio Lower Upper
196 100
198 100.6 80.6 120.8
97 54.7 43.1 64.7
132 29.0 24.3 36.5

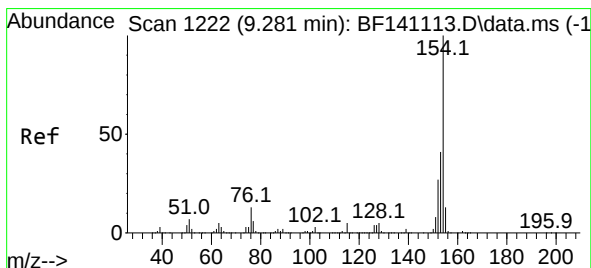
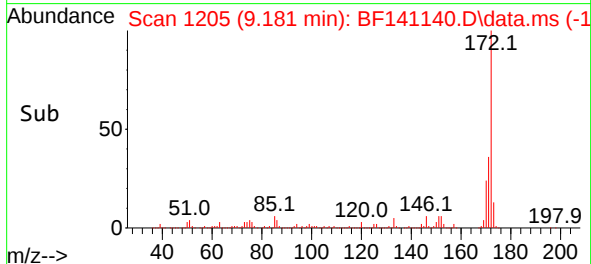
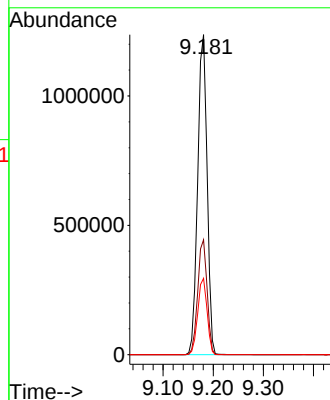
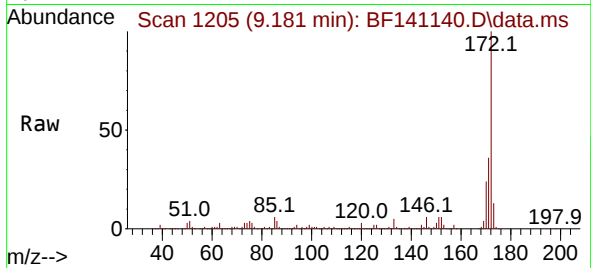




#45
2-Fluorobiphenyl
Concen: 79.511 ng
RT: 9.181 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

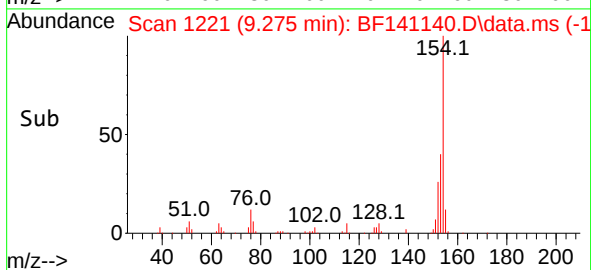
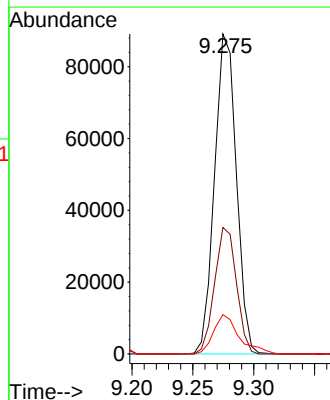
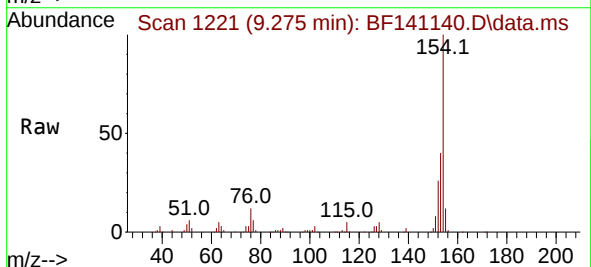
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

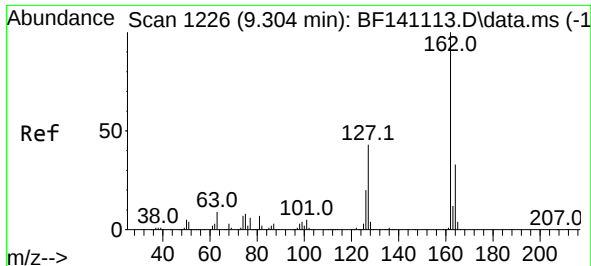
Tgt Ion:172 Resp: 1612594
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 4.618 ng
RT: 9.275 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:154 Resp: 111083
Ion Ratio Lower Upper
154 100
153 39.6 20.7 60.7
76 12.3 0.0 33.1

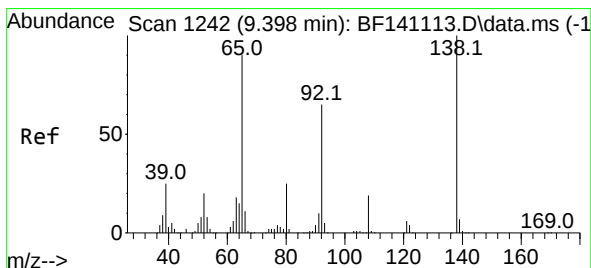
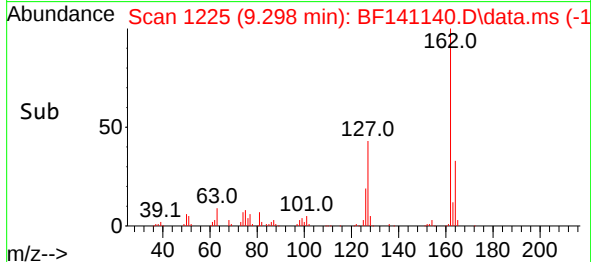
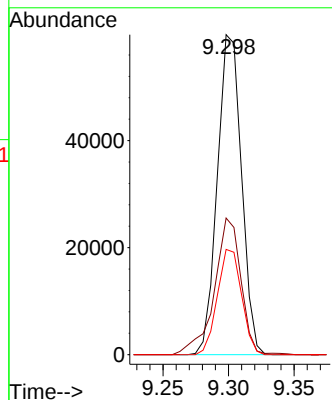
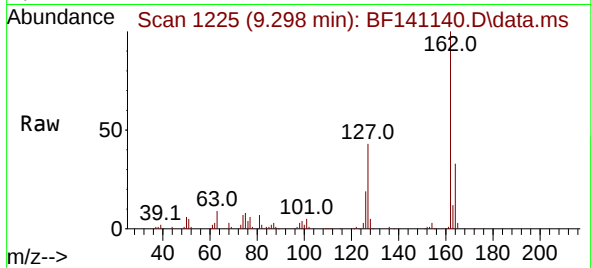




#47
2-Chloronaphthalene
Concen: 4.084 ng
RT: 9.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

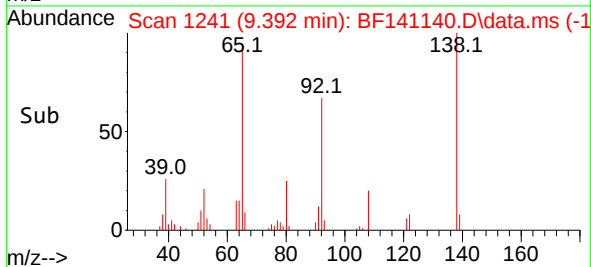
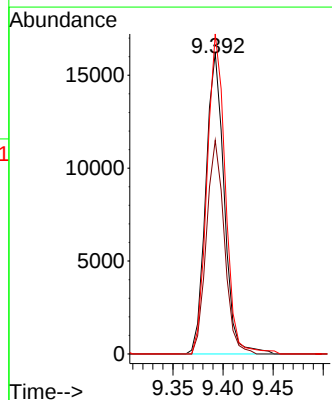
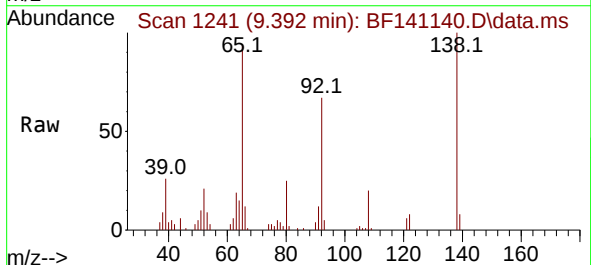
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

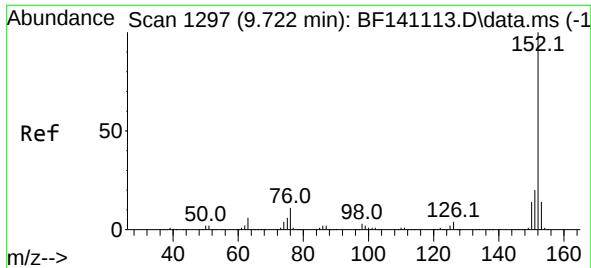
Tgt Ion:162 Resp: 76515
Ion Ratio Lower Upper
162 100
127 42.7 34.6 51.8
164 32.9 26.5 39.7



#48
2-Nitroaniline
Concen: 3.734 ng
RT: 9.392 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion: 65 Resp: 20733
Ion Ratio Lower Upper
65 100
92 70.9 58.3 87.5
138 106.2 89.1 133.7





#49

Acenaphthylene

Concen: 4.442 ng

RT: 9.716 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

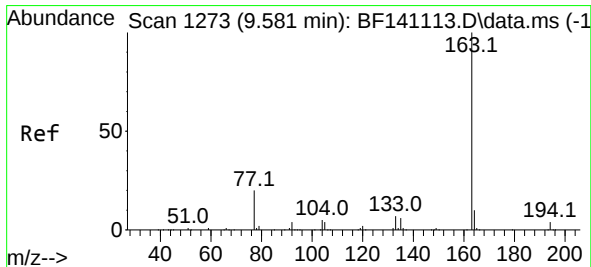
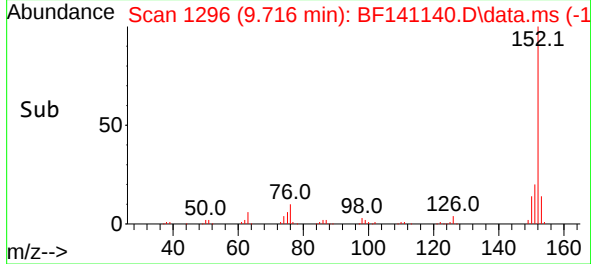
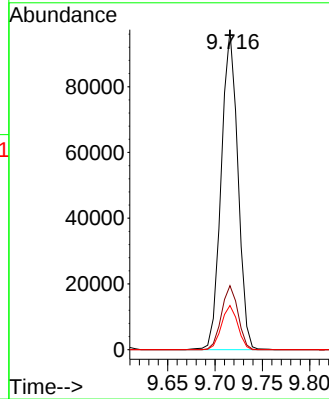
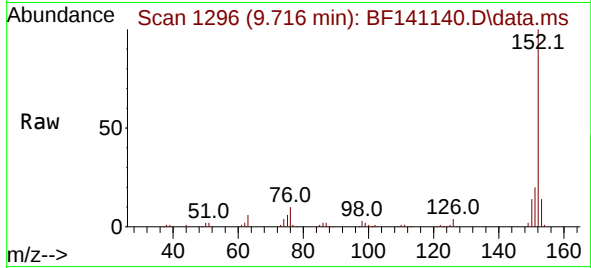
Tgt Ion:152 Resp: 118896

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 4.231 ng

RT: 9.569 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

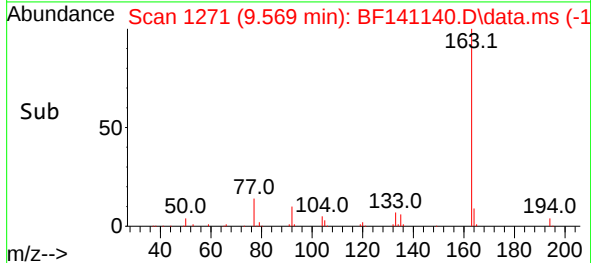
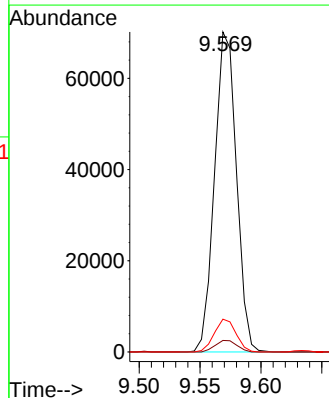
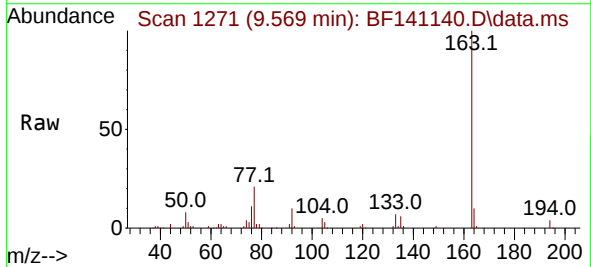
Tgt Ion:163 Resp: 87970

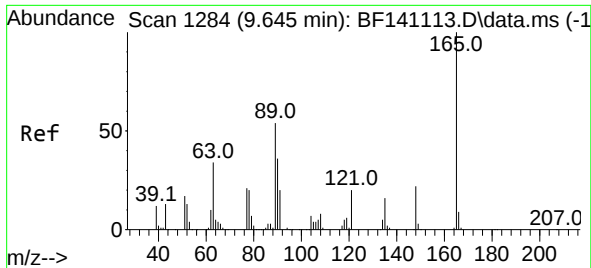
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 10.3 8.2 12.4

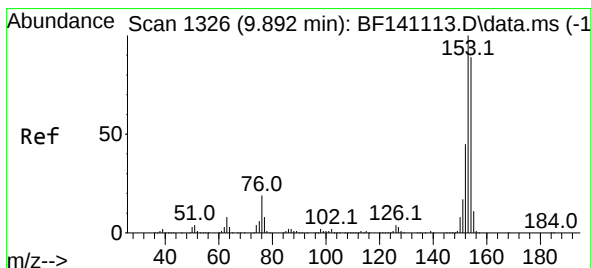
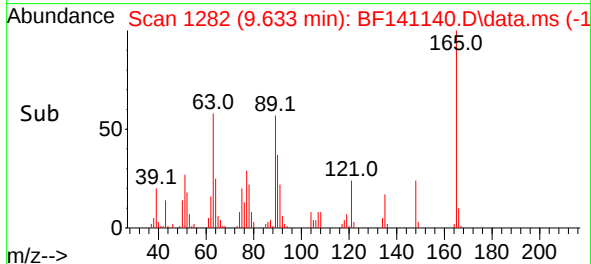
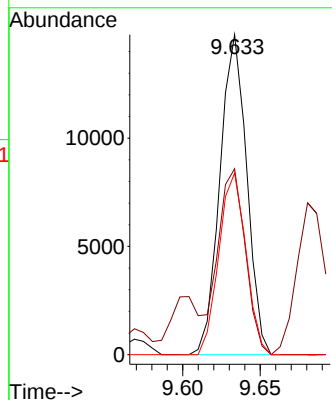
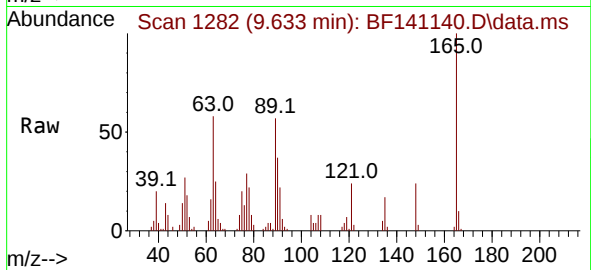




#51
2,6-Dinitrotoluene
Concen: 3.682 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

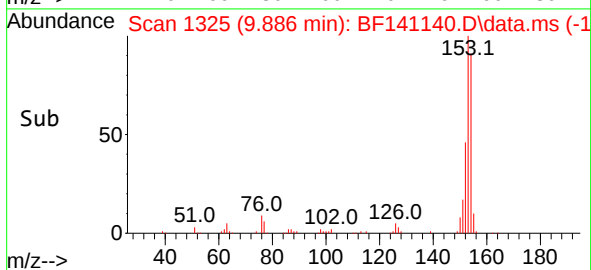
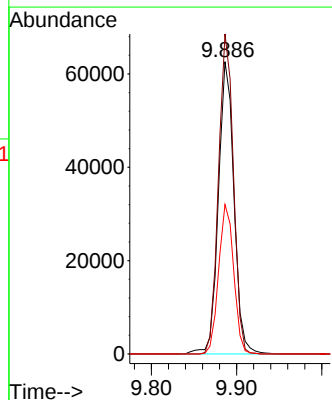
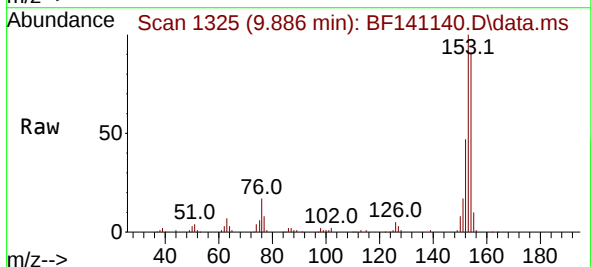
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2024

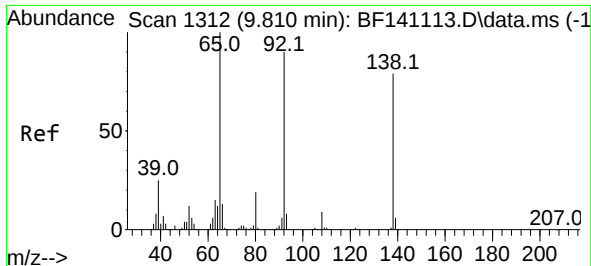
Tgt Ion:165 Resp: 17804
Ion Ratio Lower Upper
165 100
63 58.1 42.3 63.5
89 56.7 43.1 64.7



#52
Acenaphthene
Concen: 4.255 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:154 Resp: 79569
Ion Ratio Lower Upper
154 100
153 109.5 89.8 134.6
152 51.1 40.8 61.2

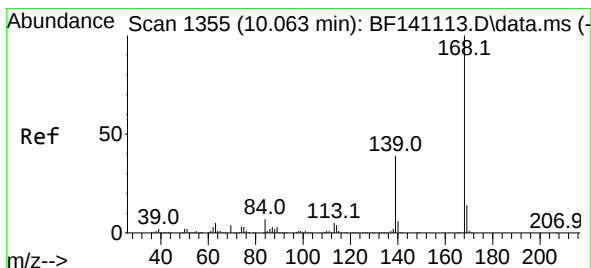
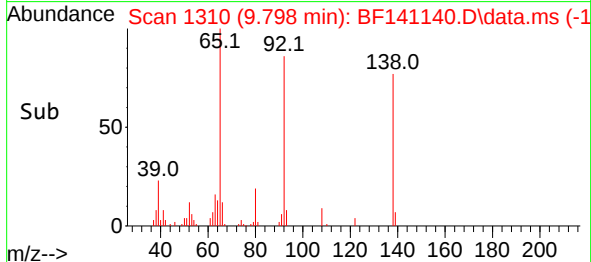
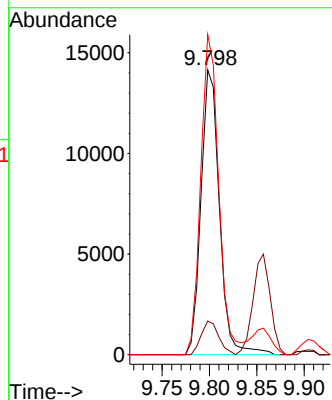
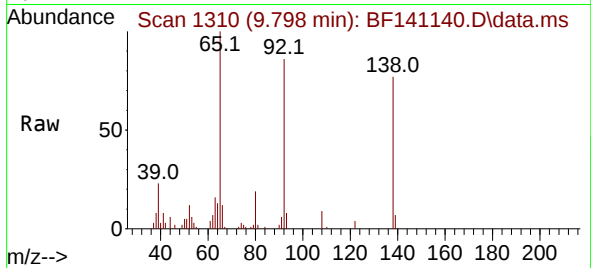




#53
3-Nitroaniline
Concen: 3.889 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

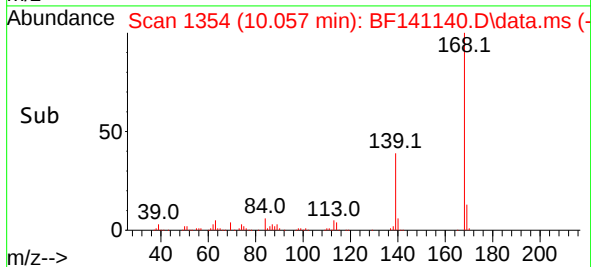
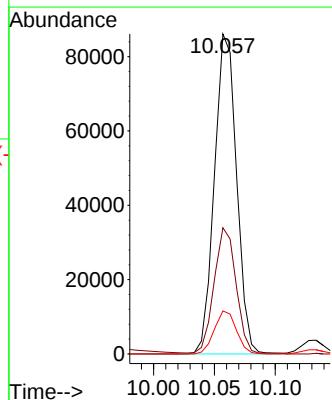
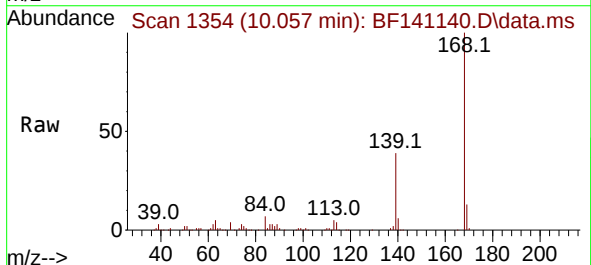
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

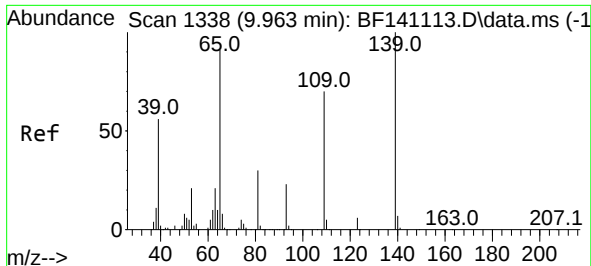
Tgt Ion:138 Resp: 19108
Ion Ratio Lower Upper
138 100
108 11.8 8.8 13.2
92 112.4 91.3 136.9



#55
Dibenzofuran
Concen: 4.281 ng
RT: 10.057 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:168 Resp: 108879
Ion Ratio Lower Upper
168 100
139 39.5 31.4 47.0
169 13.5 10.9 16.3

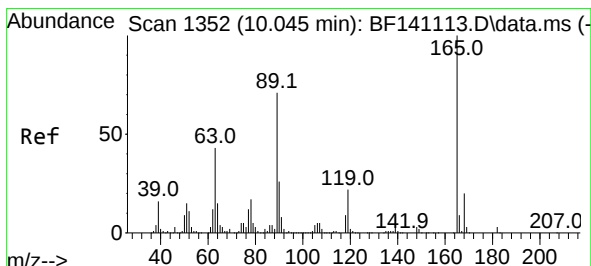
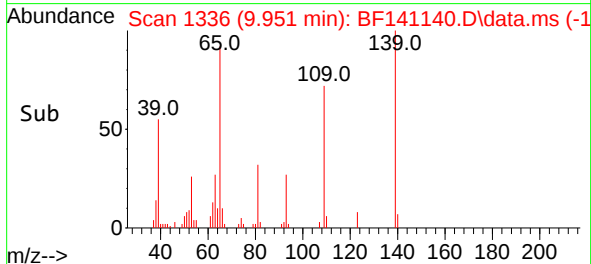
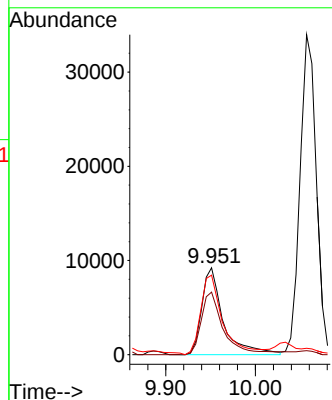
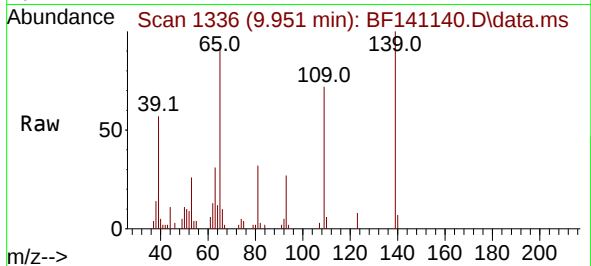




#56
4-Nitrophenol
Concen: 4.001 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

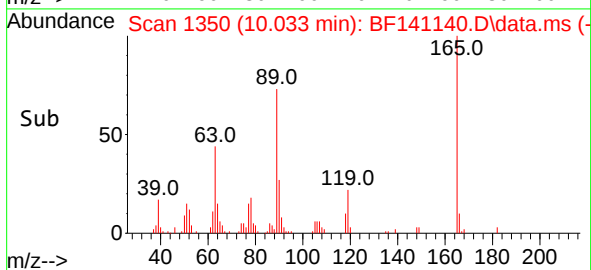
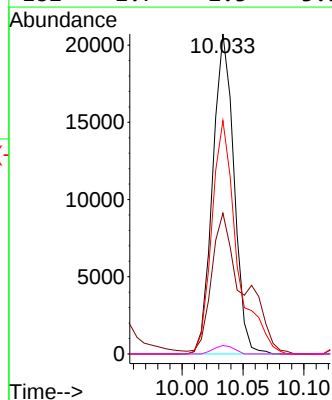
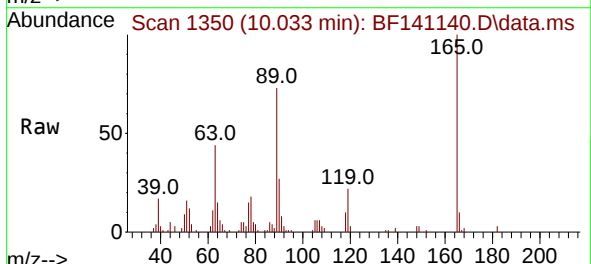
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

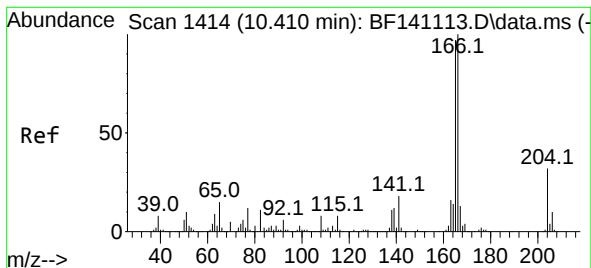
Tgt Ion:139 Resp: 15397
Ion Ratio Lower Upper
139 100
109 72.0 50.2 90.2
65 91.6 72.1 112.1



#57
2,4-Dinitrotoluene
Concen: 4.038 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:165 Resp: 25163
Ion Ratio Lower Upper
165 100
63 44.0 35.0 52.4
89 73.0 56.7 85.1
182 2.7 2.3 3.5





#58

Fluorene

Concen: 4.368 ng

RT: 10.404 min Scan# 1414

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

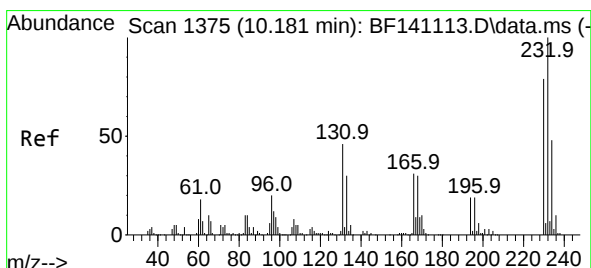
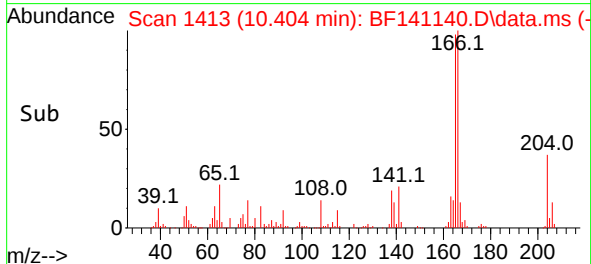
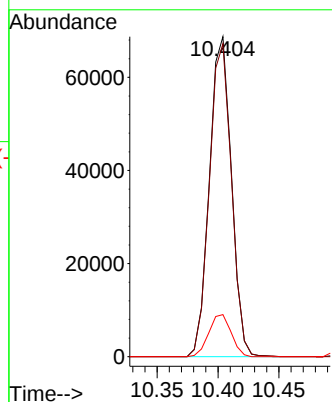
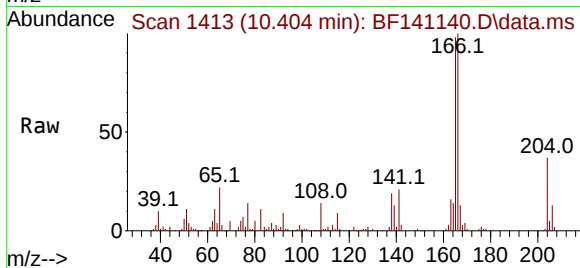
Tgt Ion:166 Resp: 86309

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

167 13.2 10.8 16.2



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.046 ng

RT: 10.175 min Scan# 1374

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Tgt Ion:232 Resp: 21294

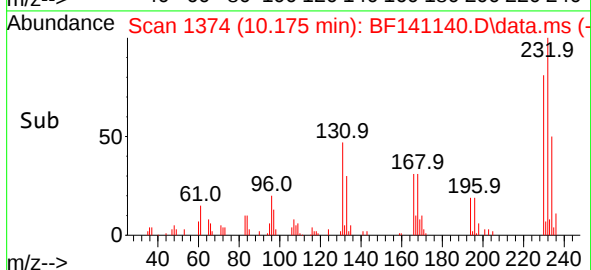
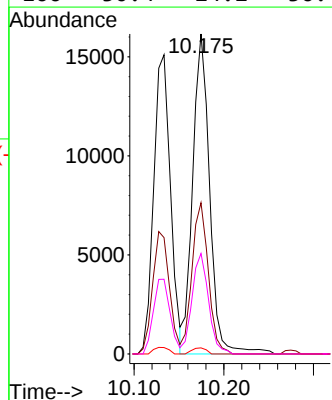
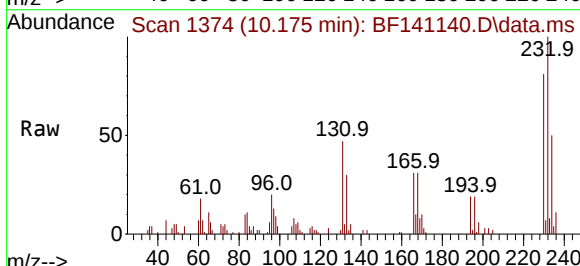
Ion Ratio Lower Upper

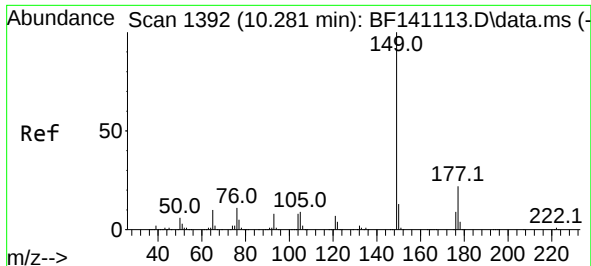
232 100

131 45.4 36.2 54.4

130 1.6 2.0 3.0#

166 30.4 24.2 36.4

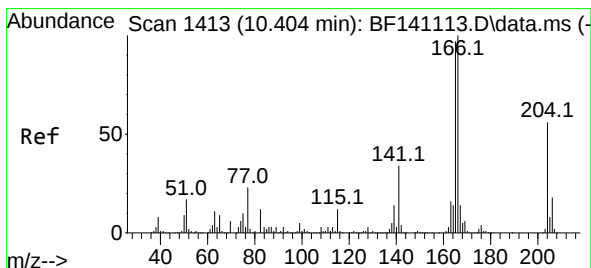
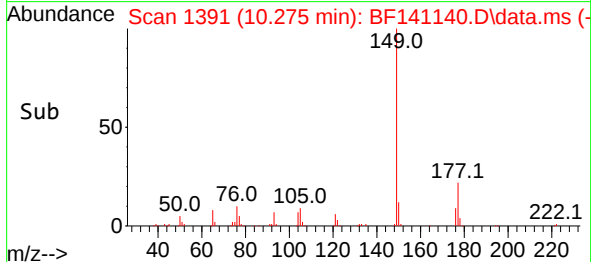
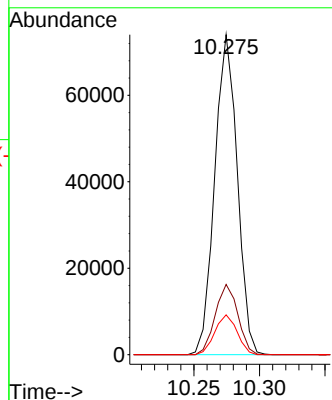
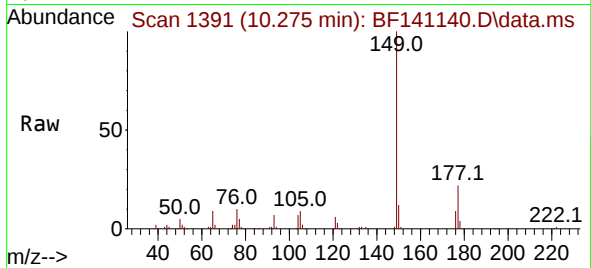




#60
Diethylphthalate
Concen: 4.350 ng
RT: 10.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

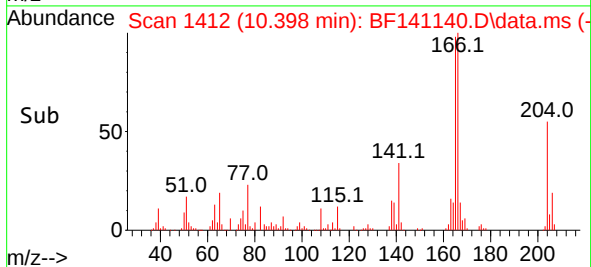
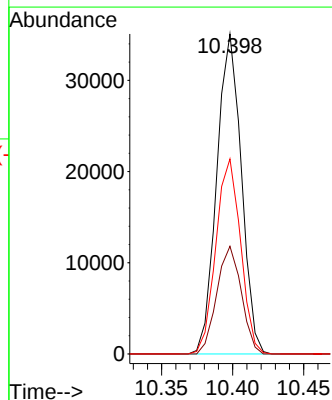
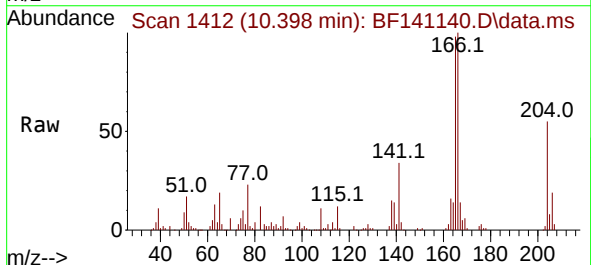
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

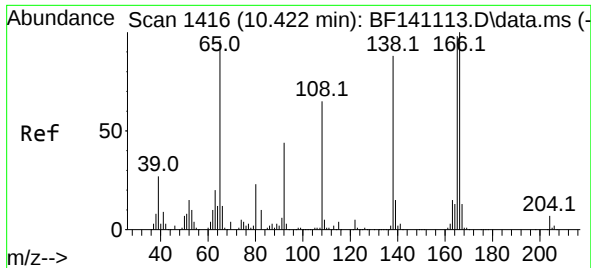
Tgt Ion:149 Resp: 88297
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.5 10.2 15.2



#61
4-Chlorophenyl-phenylether
Concen: 4.381 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:204 Resp: 42190
Ion Ratio Lower Upper
204 100
206 33.6 25.9 38.9
141 60.9 49.1 73.7

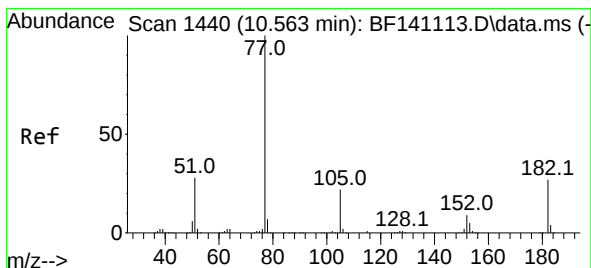
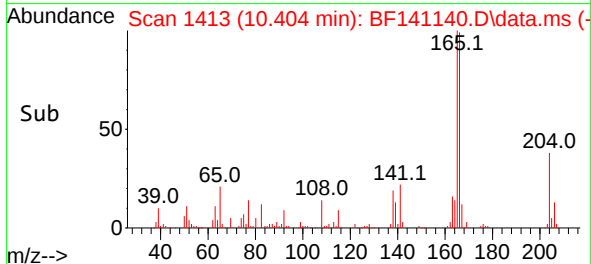
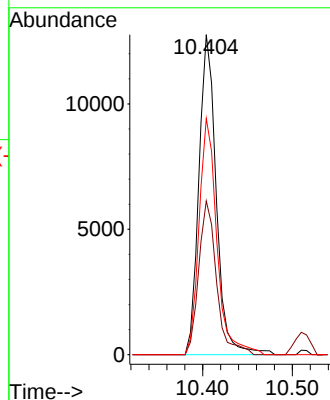
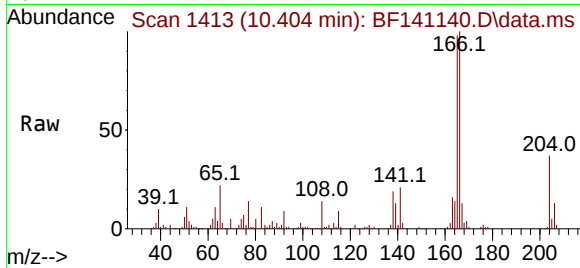




#62
4-Nitroaniline
Concen: 3.565 ng
RT: 10.404 min Scan# 1416
Delta R.T. -0.018 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

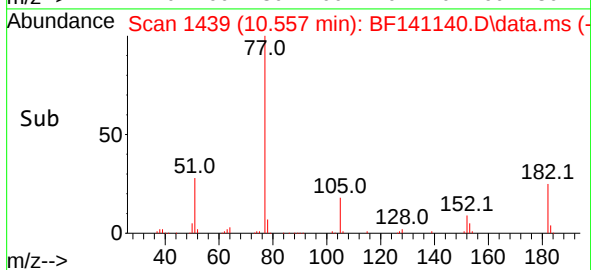
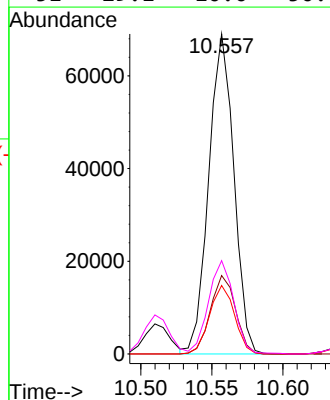
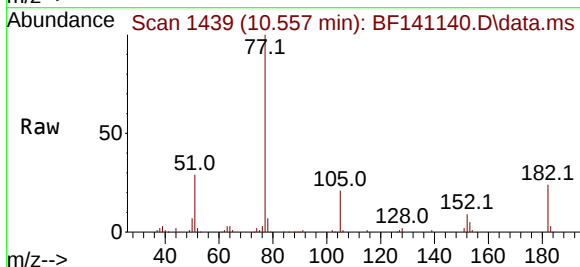
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

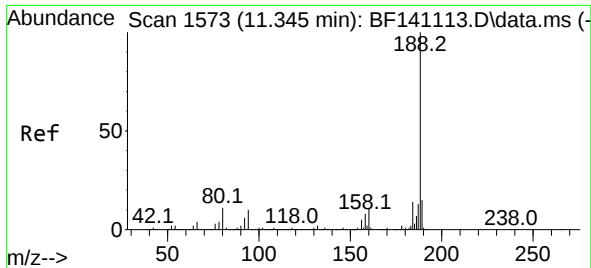
Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	29.4	69.4
108	73.8	53.7	93.7



#63
Azobenzene
Concen: 4.237 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	6.1	46.1
105	21.4	2.1	42.1
51	29.1	10.0	50.0

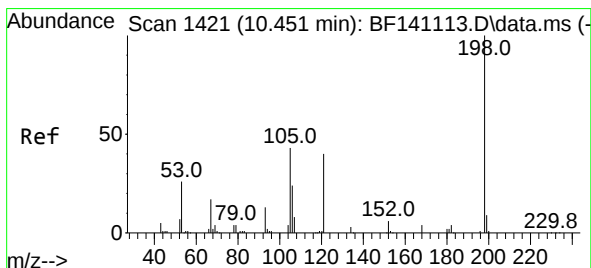
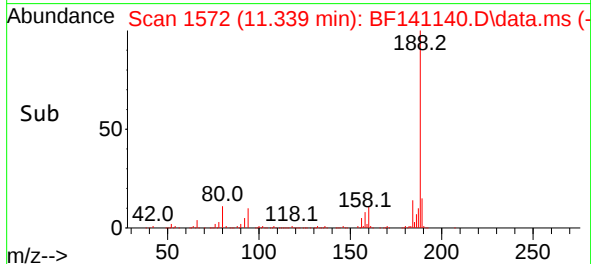
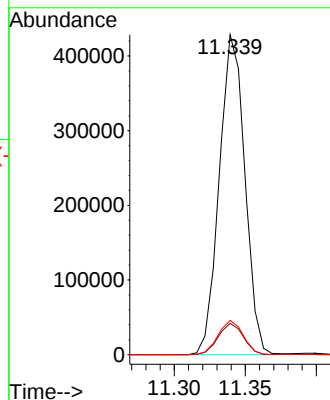
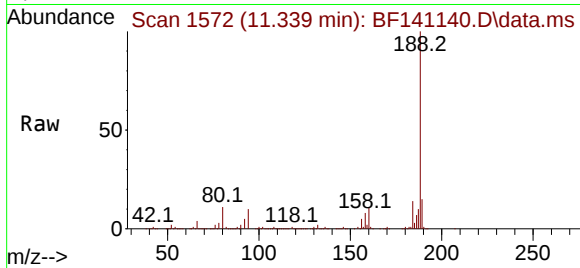




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

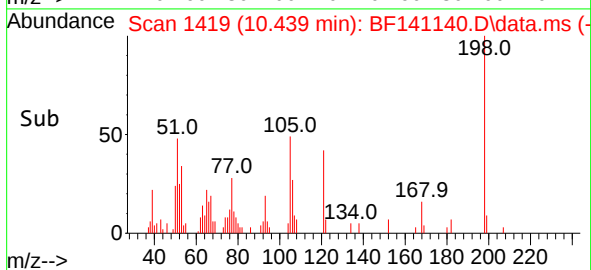
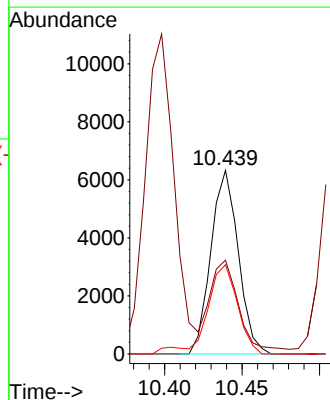
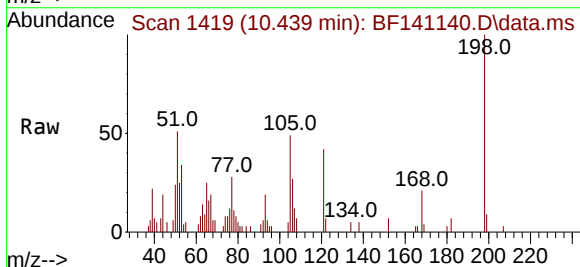
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

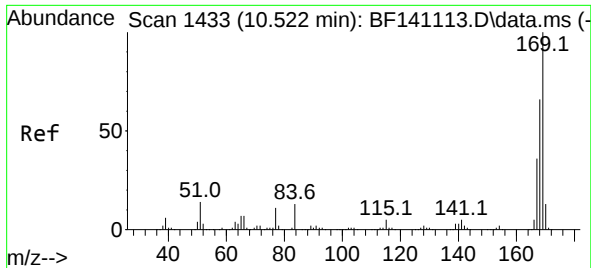
Tgt Ion:188 Resp: 535941
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.7 9.0 13.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.502 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:198 Resp: 7769
Ion Ratio Lower Upper
198 100
51 51.0 27.1 67.1
105 48.6 24.2 64.2

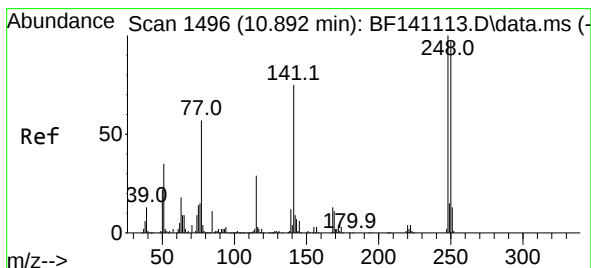
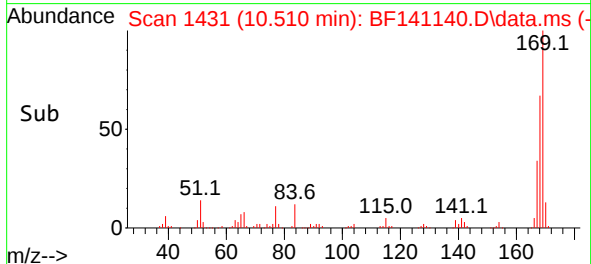
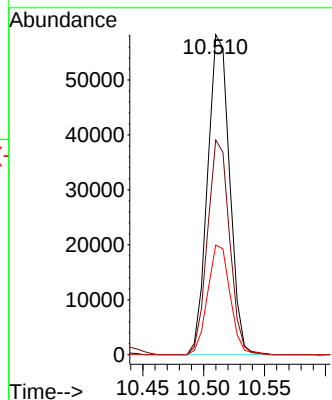
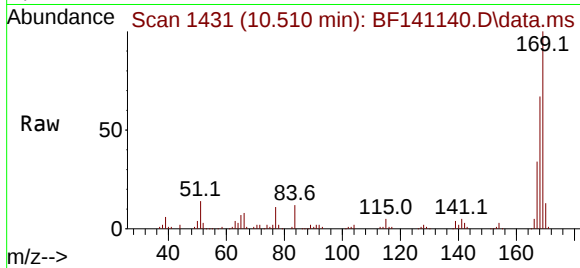




#66
n-Nitrosodiphenylamine
Concen: 4.245 ng
RT: 10.510 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

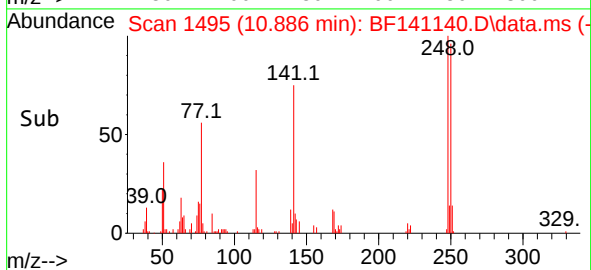
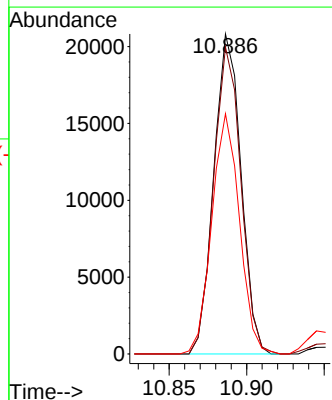
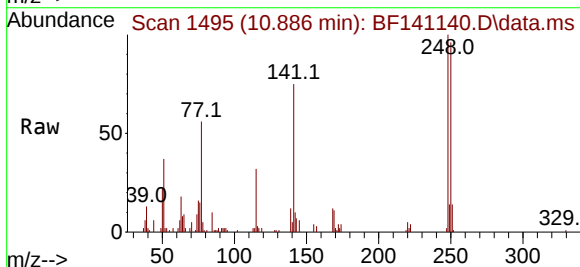
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

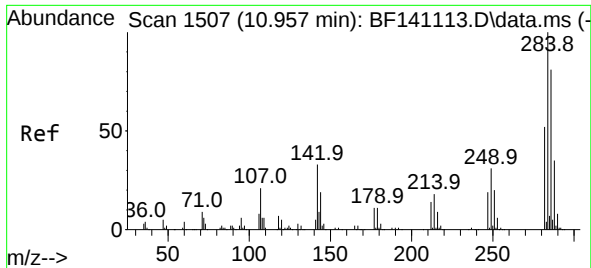
Tgt Ion:169 Resp: 73377
Ion Ratio Lower Upper
169 100
168 67.0 52.5 78.7
167 34.2 28.9 43.3



#67
4-Bromophenyl-phenylether
Concen: 4.125 ng
RT: 10.886 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:248 Resp: 25451
Ion Ratio Lower Upper
248 100
250 95.9 77.9 116.9
141 75.1 59.9 89.9

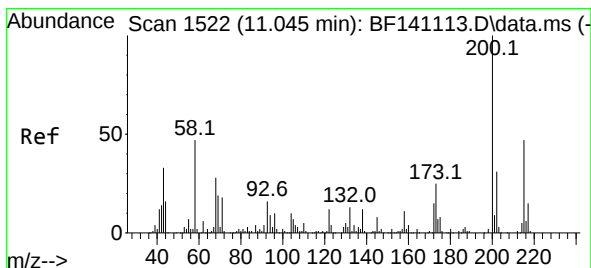
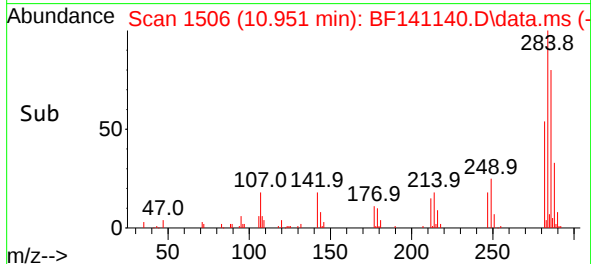
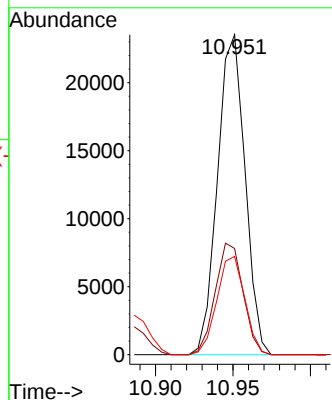
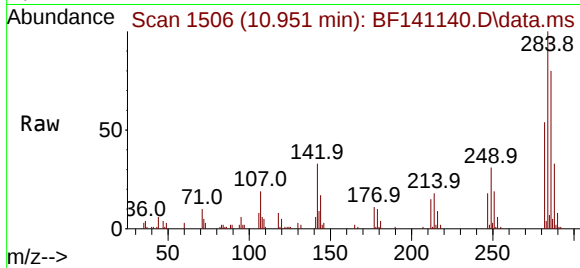




#68
Hexachlorobenzene
Concen: 4.233 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

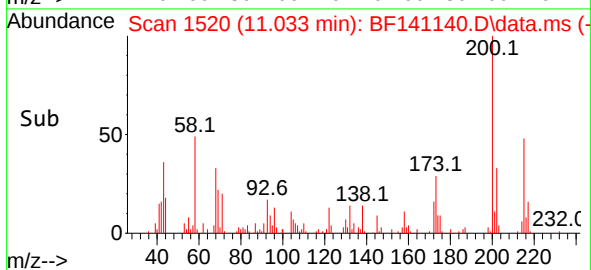
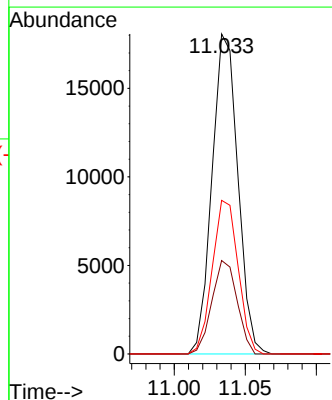
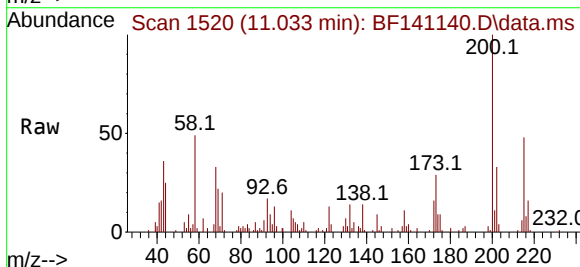
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

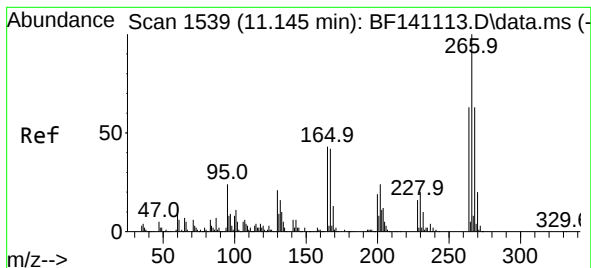
Tgt Ion:284 Resp: 29077
Ion Ratio Lower Upper
284 100
142 33.2 26.3 39.5
249 30.7 24.9 37.3



#69
Atrazine
Concen: 4.907 ng
RT: 11.033 min Scan# 1520
Delta R.T. -0.012 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:200 Resp: 22842
Ion Ratio Lower Upper
200 100
173 29.2 5.4 45.4
215 48.0 26.6 66.6





#70

Pentachlorophenol

Concen: 3.765 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

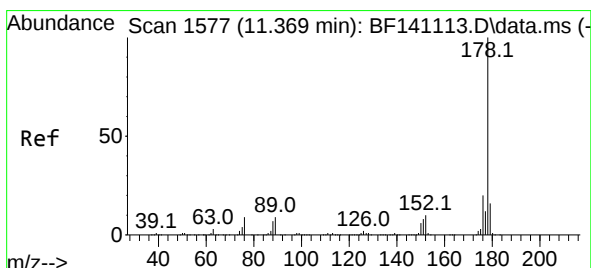
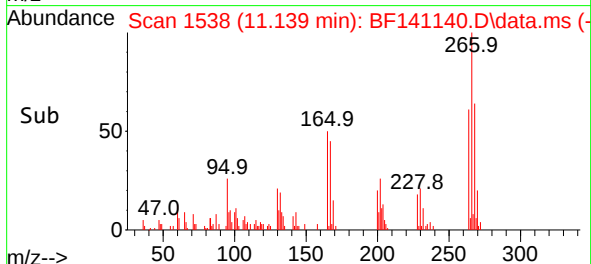
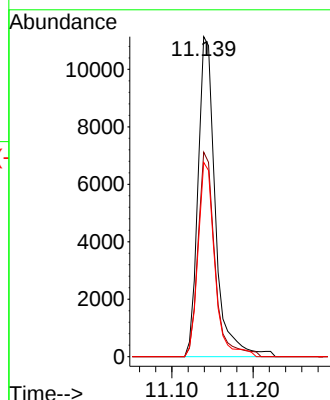
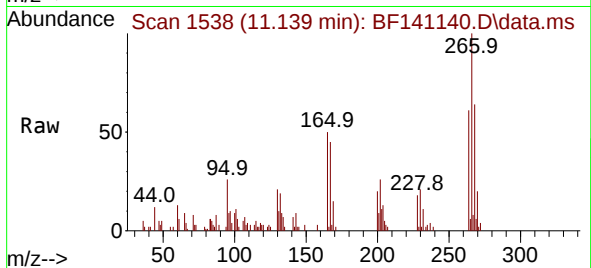
Tgt Ion:266 Resp: 16559

Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 60.7 50.2 75.2



#71

Phenanthrene

Concen: 4.461 ng

RT: 11.363 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

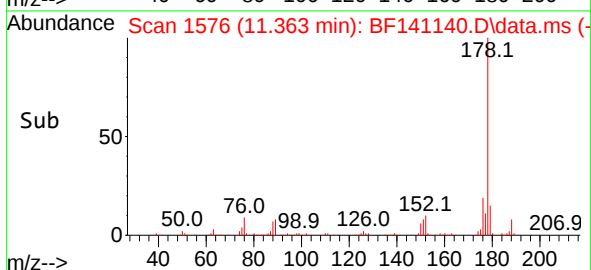
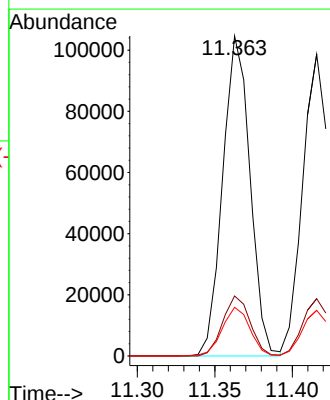
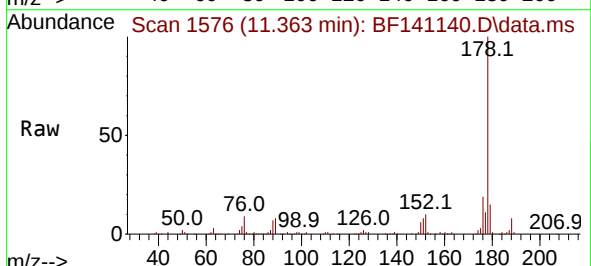
Tgt Ion:178 Resp: 128345

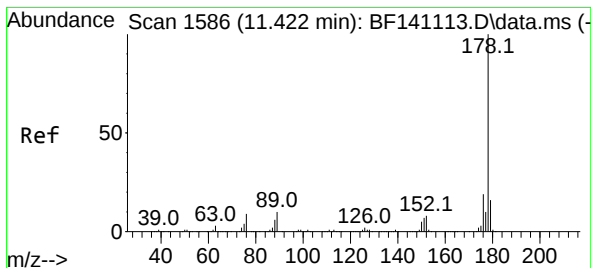
Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

179 15.2 12.6 19.0





#72

Anthracene

Concen: 4.330 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

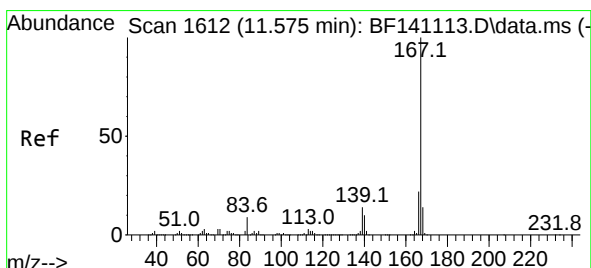
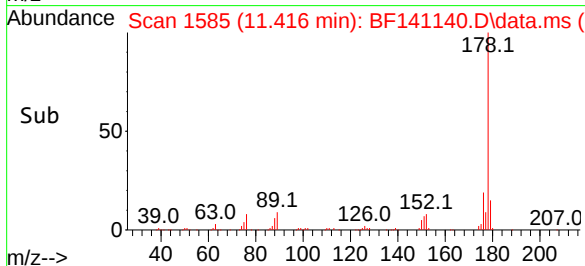
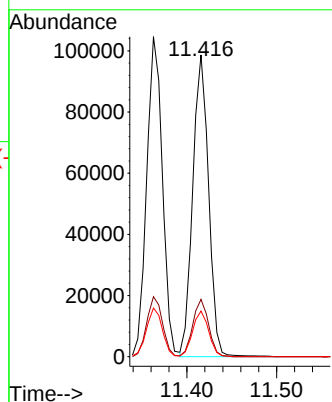
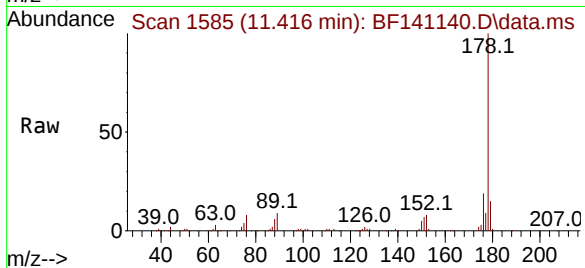
Tgt Ion:178 Resp: 121143

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.1 12.6 19.0



#73

Carbazole

Concen: 4.194 ng

RT: 11.569 min Scan# 1611

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

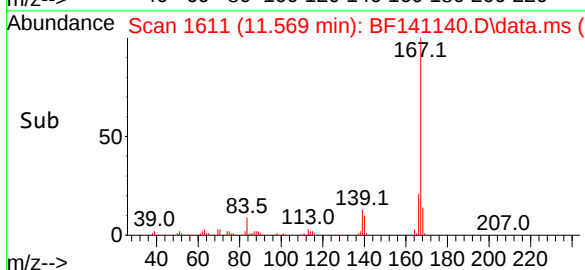
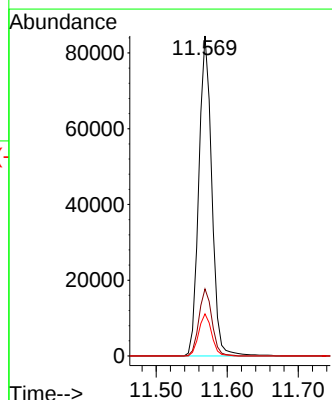
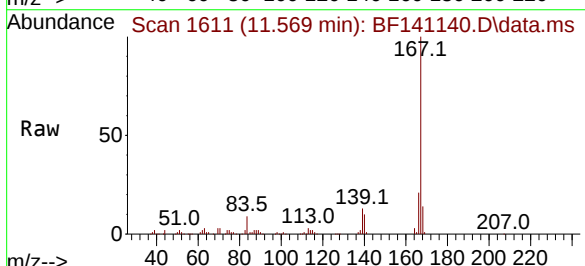
Tgt Ion:167 Resp: 107578

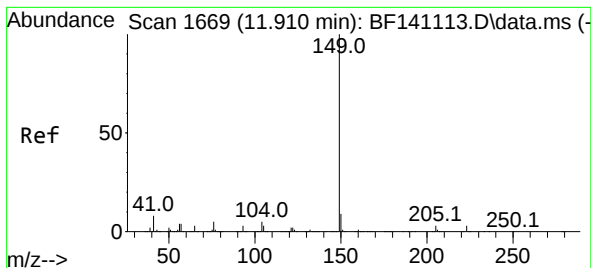
Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.2

139 13.2 10.9 16.3





#74

Di-n-butylphthalate

Concen: 4.309 ng

RT: 11.904 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

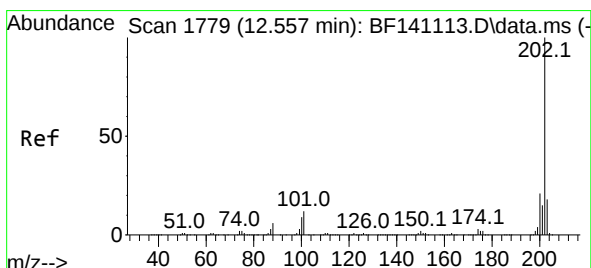
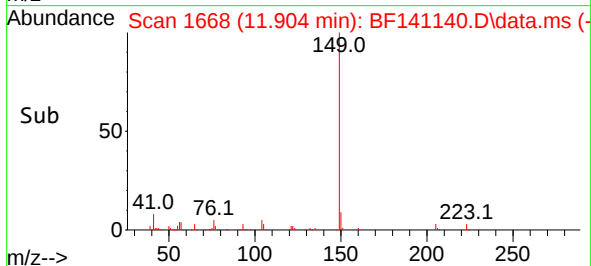
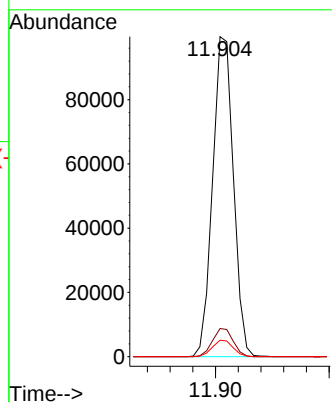
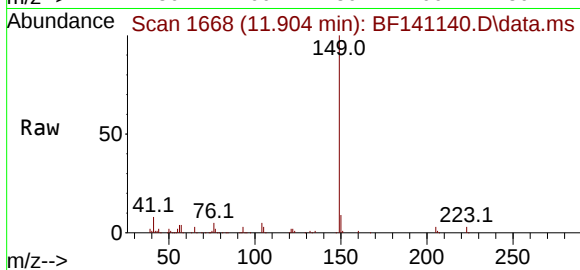
Tgt Ion:149 Resp: 126513

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

104 5.2 4.2 6.2



#75

Fluoranthene

Concen: 4.357 ng

RT: 12.551 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

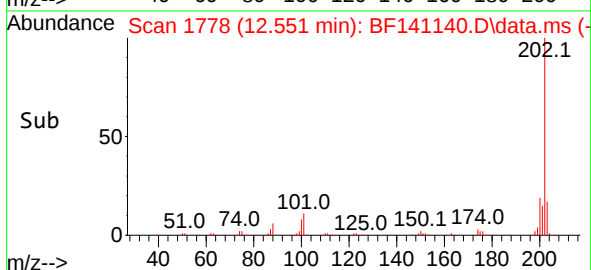
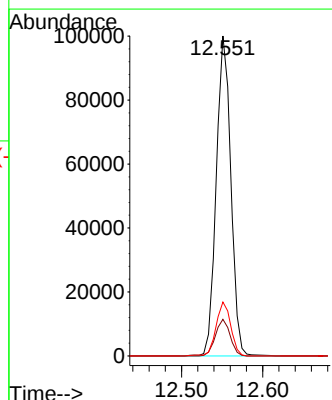
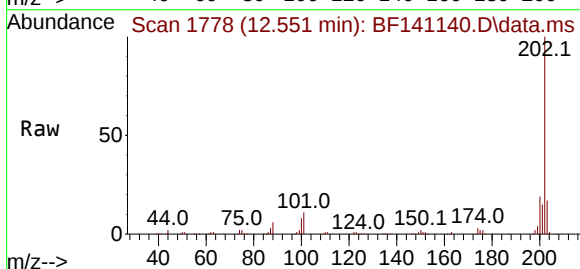
Tgt Ion:202 Resp: 125089

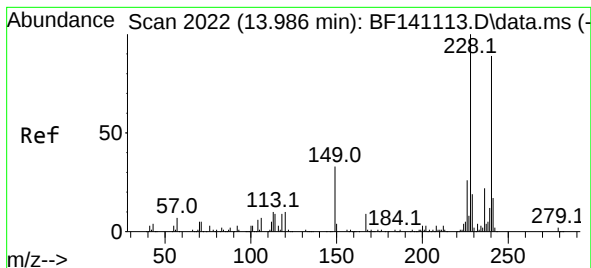
Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.3

203 16.9 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

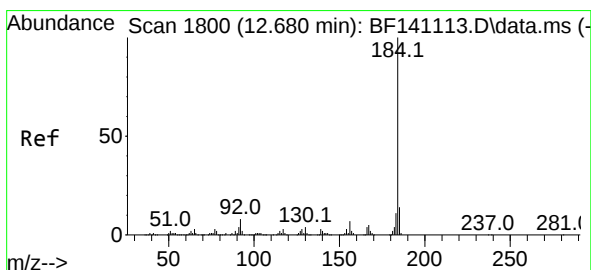
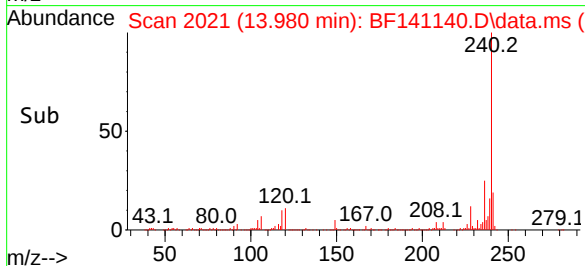
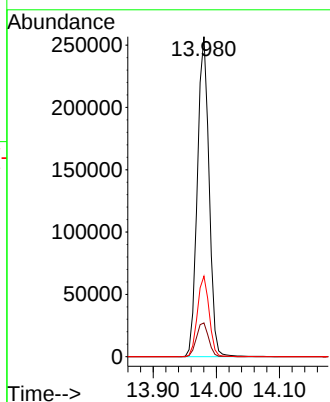
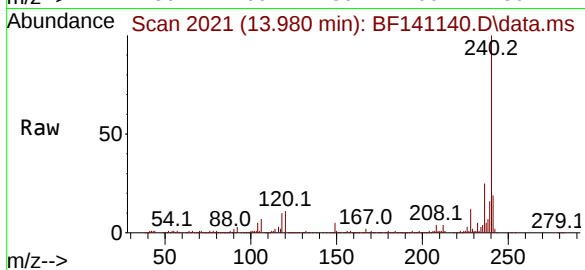
Tgt Ion:240 Resp: 329742

Ion Ratio Lower Upper

240 100

120 10.5 9.1 13.7

236 25.2 19.8 29.6



#77

Benidine

Concen: 3.905 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

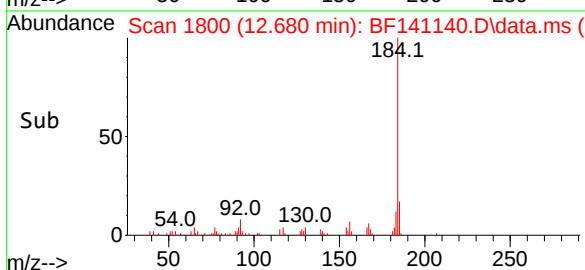
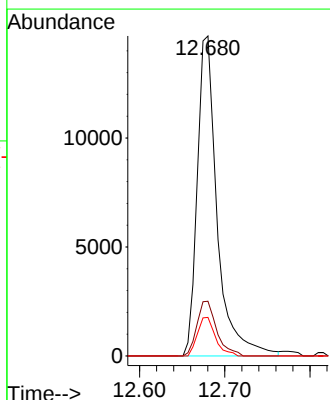
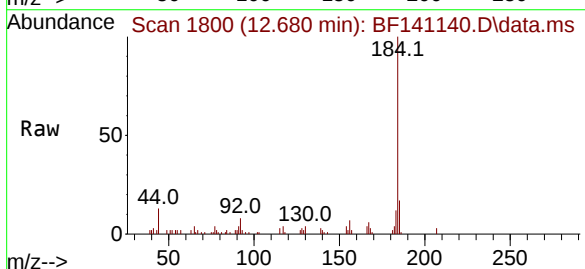
Tgt Ion:184 Resp: 23881

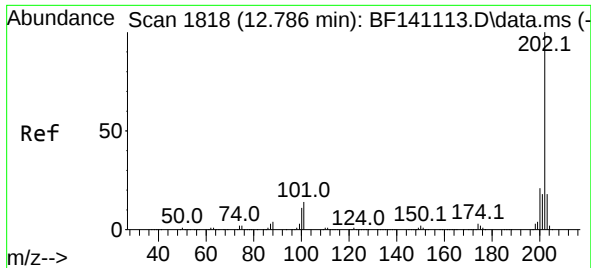
Ion Ratio Lower Upper

184 100

185 17.1 11.4 17.0#

183 12.0 9.2 13.8

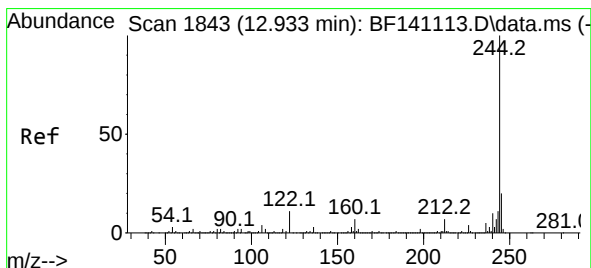
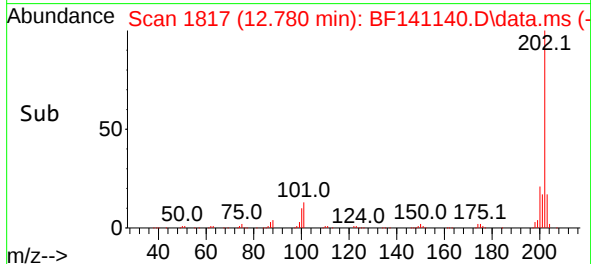
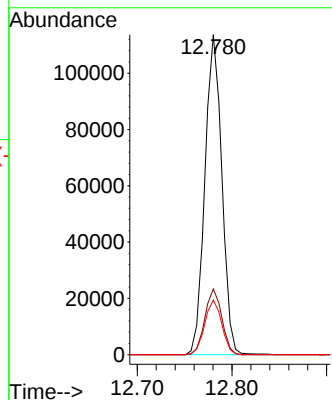
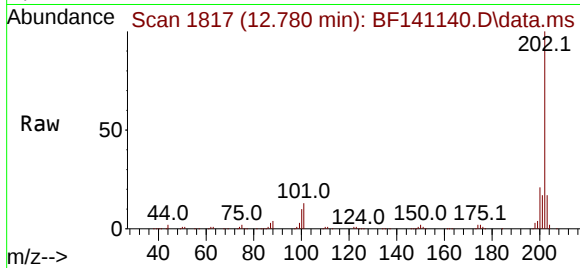




#78
 Pyrene
 Concen: 4.487 ng
 RT: 12.780 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF141140.D
 Acq: 14 Jan 2025 12:45

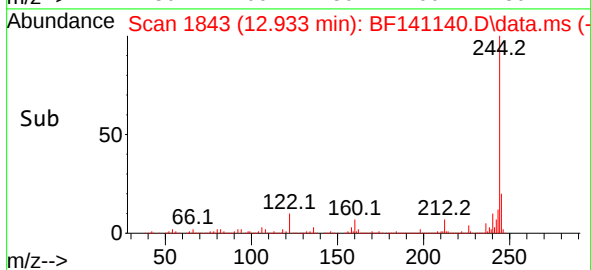
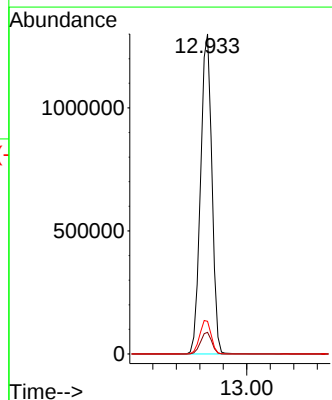
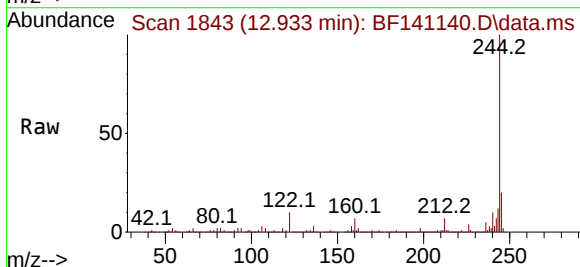
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT1-2024

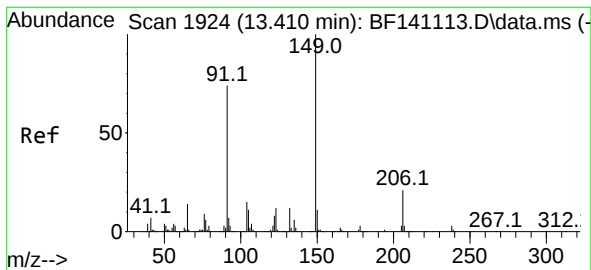
Tgt Ion:202 Resp: 141324
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.8 25.2
 203 17.1 14.3 21.5



#79
 Terphenyl-d14
 Concen: 78.118 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF141140.D
 Acq: 14 Jan 2025 12:45

Tgt Ion:244 Resp: 1733065
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.2 8.8 13.2





#80

Butylbenzylphthalate

Concen: 3.800 ng

RT: 13.404 min Scan# 1924

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

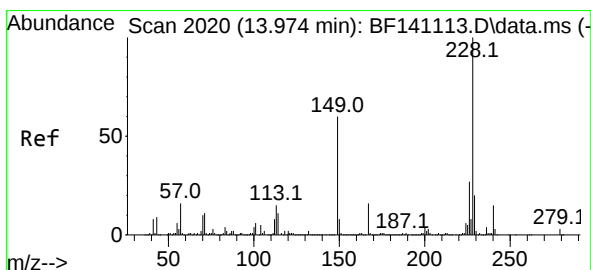
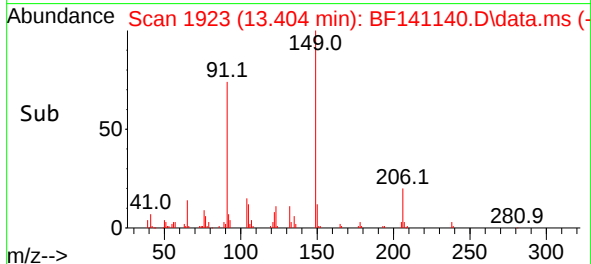
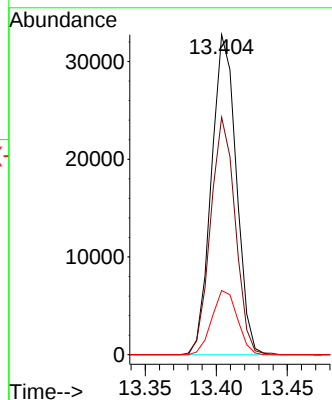
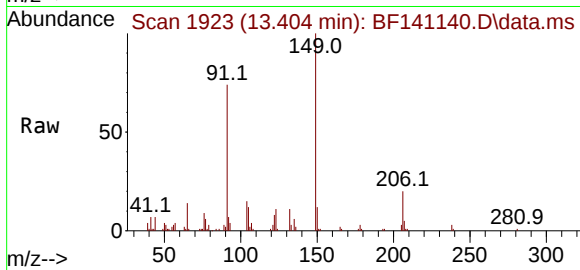
Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:	149	Resp:	39904
Ion Ratio	Lower	Upper	
149	100		
91	74.2	59.0	88.6
206	20.0	16.5	24.7



#81

Benzo(a)anthracene

Concen: 4.119 ng

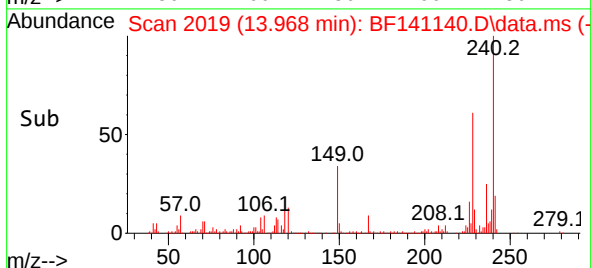
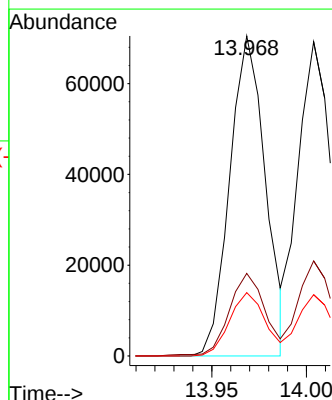
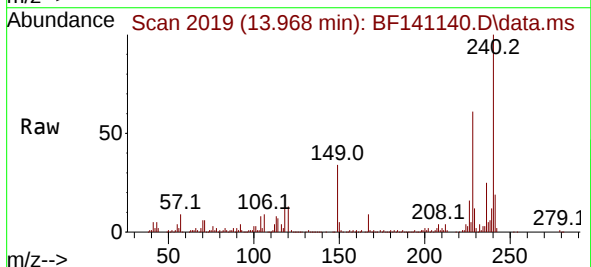
RT: 13.968 min Scan# 2019

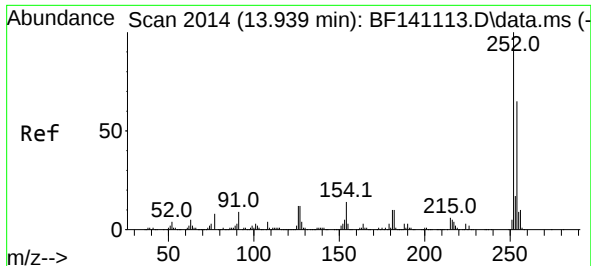
Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Tgt Ion:	228	Resp:	92436
Ion Ratio	Lower	Upper	
228	100		
226	25.8	21.7	32.5
229	19.8	15.7	23.5





#82

3,3'-Dichlorobenzidine

Concen: 3.493 ng

RT: 13.933 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

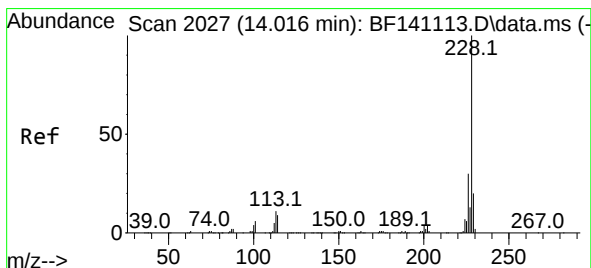
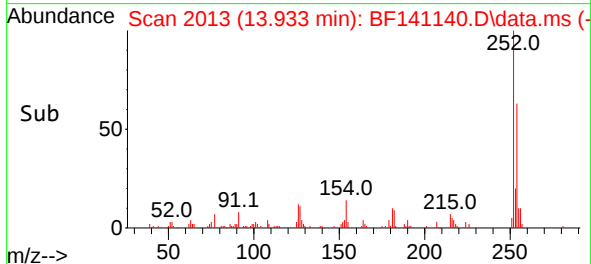
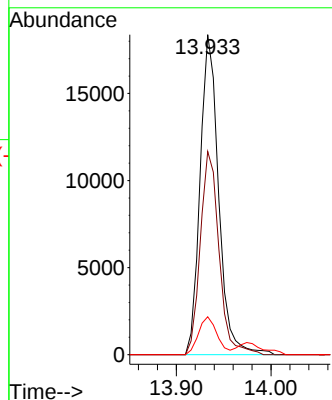
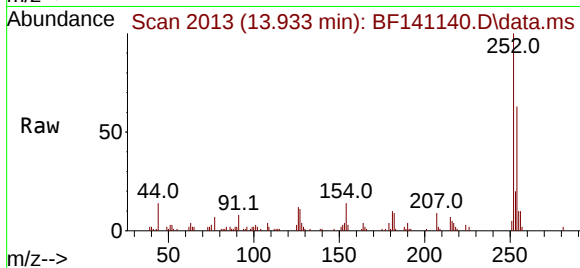
Tgt Ion:252 Resp: 24957

Ion Ratio Lower Upper

252 100

254 63.5 52.0 78.0

126 11.8 9.4 14.0



#83

Chrysene

Concen: 4.122 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

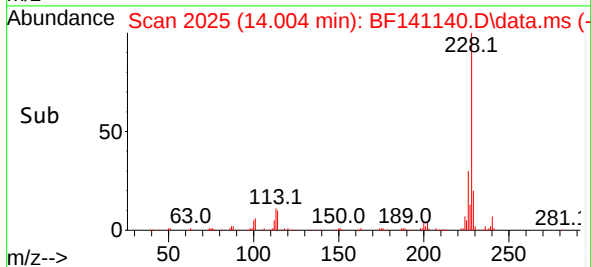
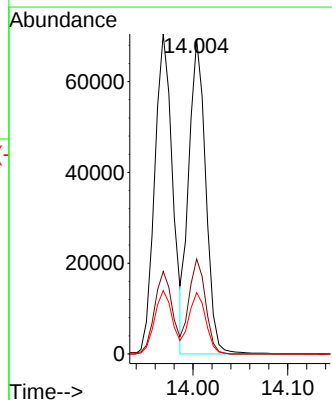
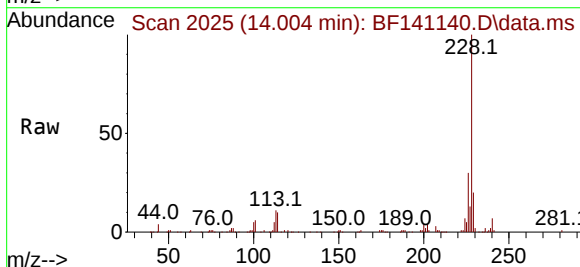
Tgt Ion:228 Resp: 86558

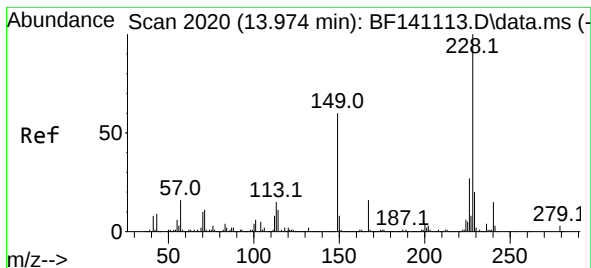
Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.5 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.961 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

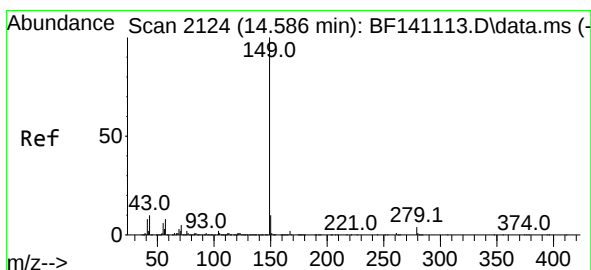
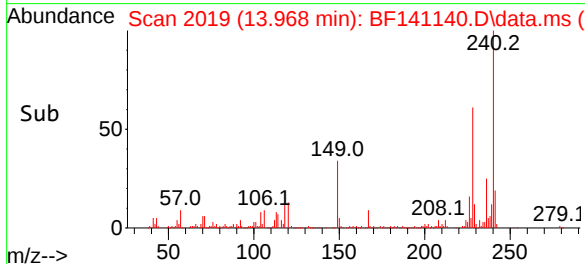
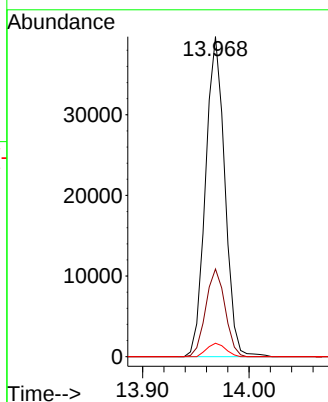
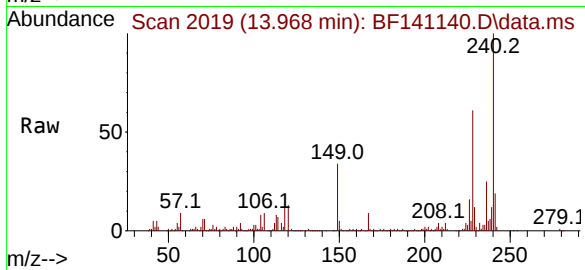
Tgt Ion:149 Resp: 49907

Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.2

279 4.2 3.4 5.2



#85

Di-n-octyl phthalate

Concen: 3.342 ng

RT: 14.586 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

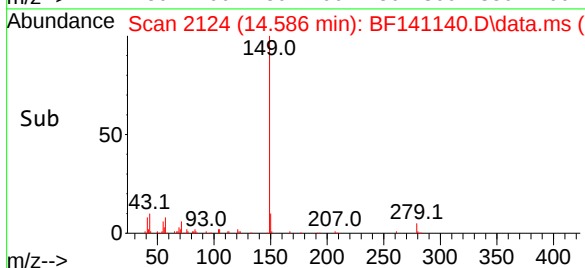
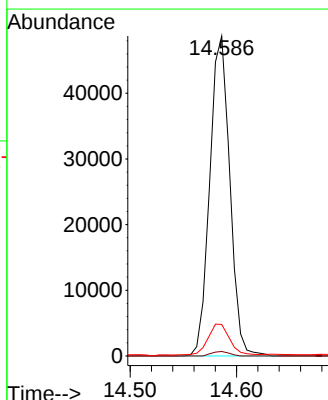
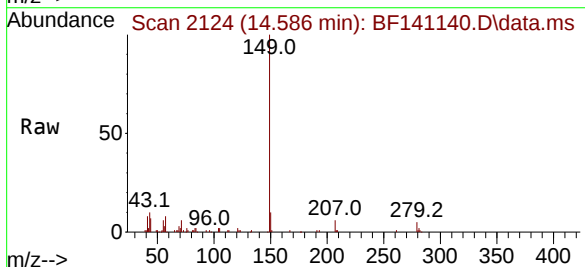
Tgt Ion:149 Resp: 63582

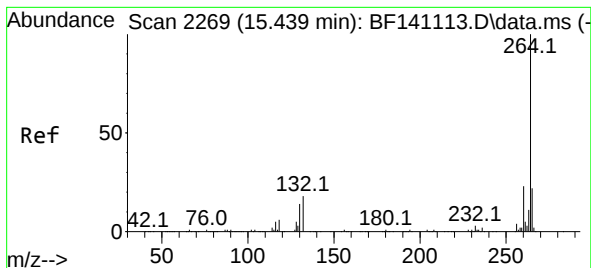
Ion Ratio Lower Upper

149 100

167 1.2 1.3 1.9#

43 11.8 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

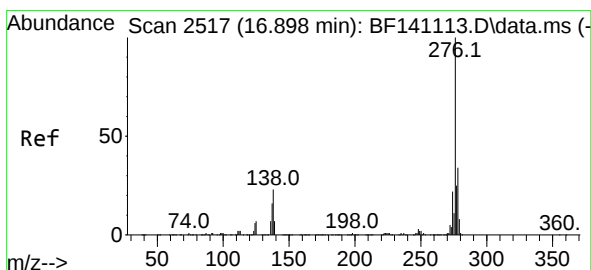
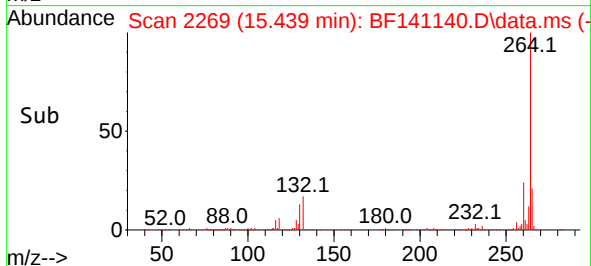
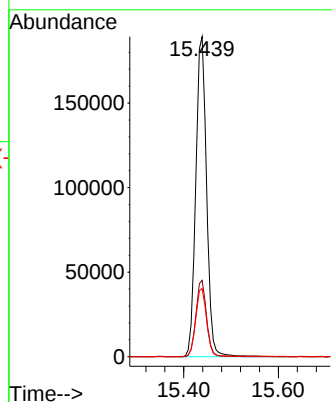
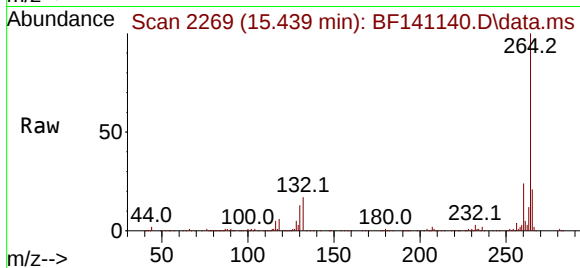
Tgt Ion:264 Resp: 299425

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.3 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.867 ng

RT: 16.880 min Scan# 2514

Delta R.T. -0.018 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

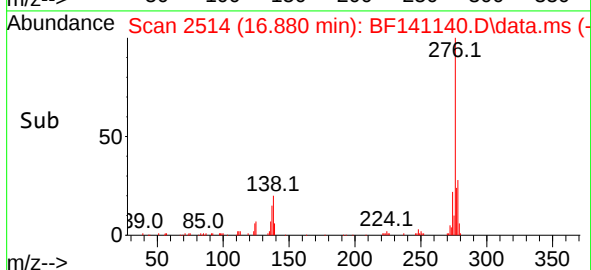
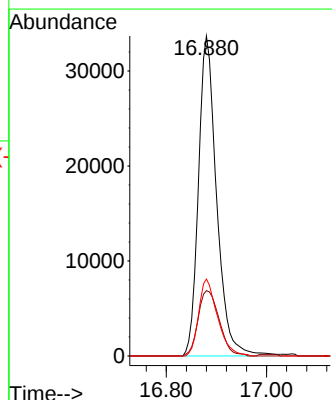
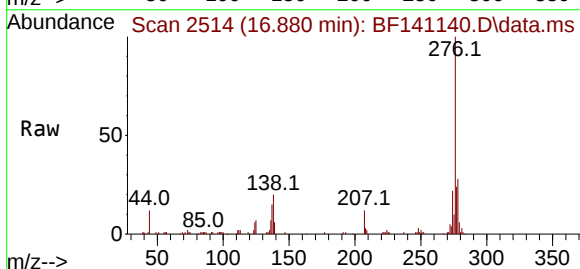
Tgt Ion:276 Resp: 84820

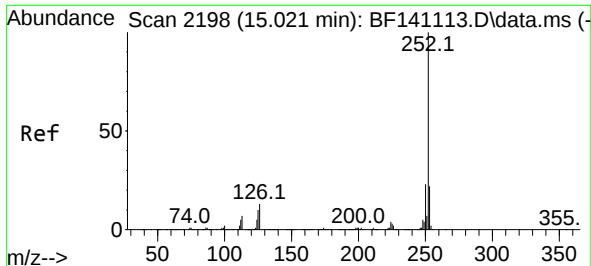
Ion Ratio Lower Upper

276 100

138 23.6 20.7 31.1

277 24.8 20.6 30.8

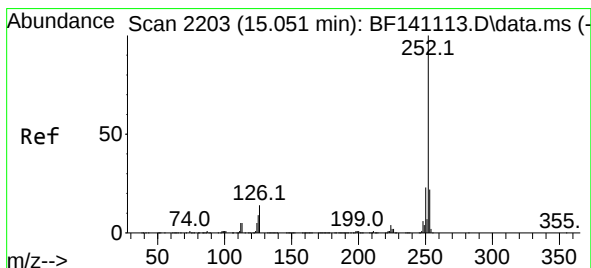
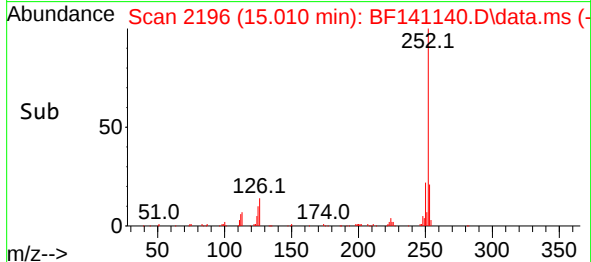
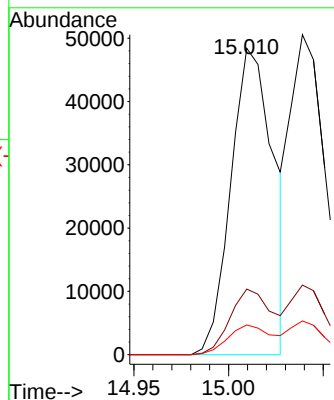
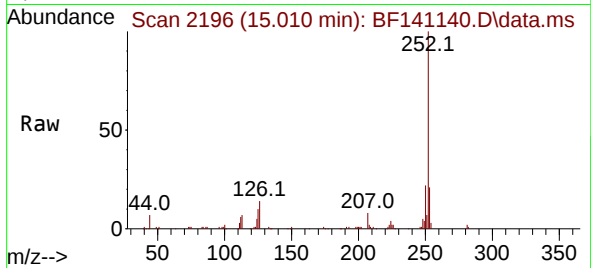




#88
Benzo(b)fluoranthene
Concen: 3.923 ng
RT: 15.010 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

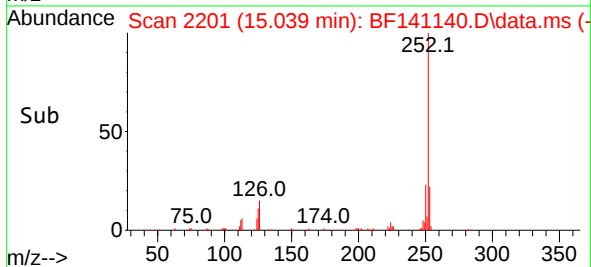
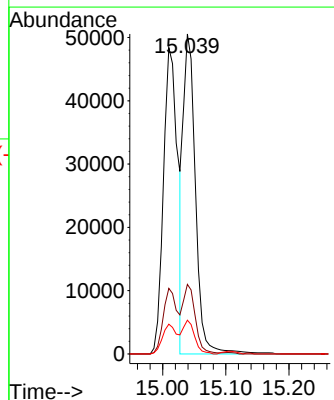
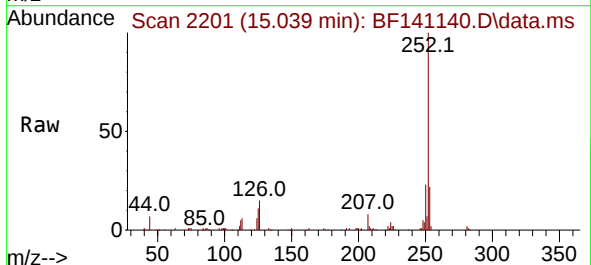
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

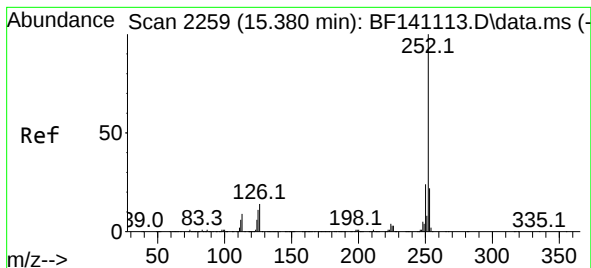
Tgt Ion:252 Resp: 75745
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 9.7 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 4.208 ng
RT: 15.039 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BF141140.D
Acq: 14 Jan 2025 12:45

Tgt Ion:252 Resp: 68657
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 10.5 7.9 11.9





#90

Benzo(a)pyrene

Concen: 4.060 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024

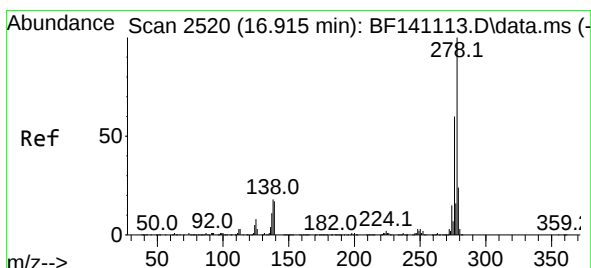
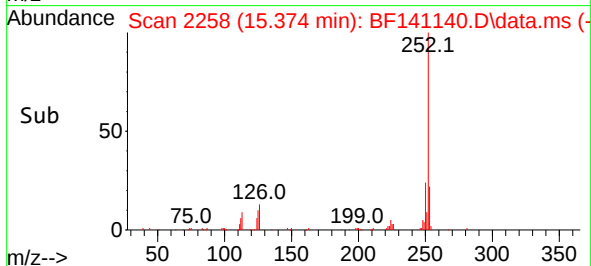
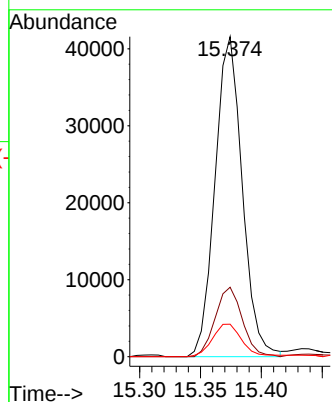
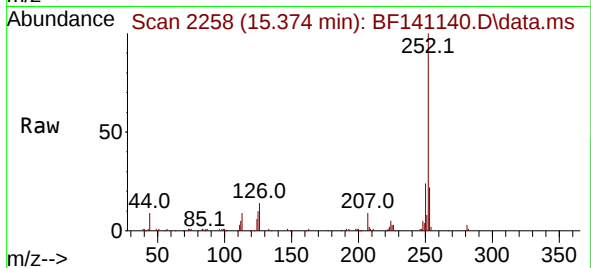
Tgt Ion:252 Resp: 64676

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 10.2 9.1 13.7



#91

Dibenzo(a,h)anthracene

Concen: 3.722 ng

RT: 16.904 min Scan# 2518

Delta R.T. -0.012 min

Lab File: BF141140.D

Acq: 14 Jan 2025 12:45

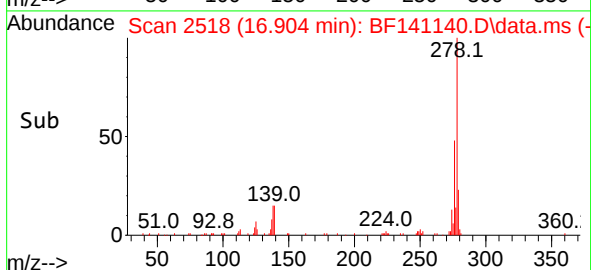
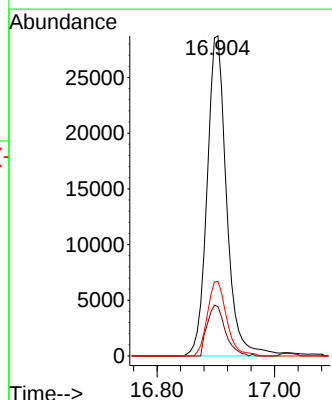
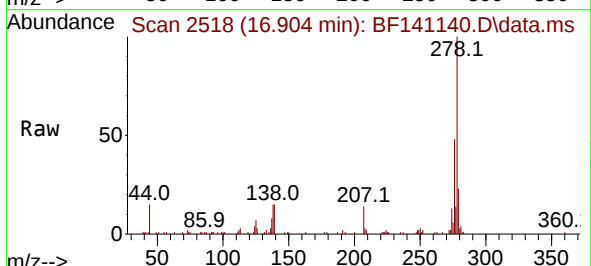
Tgt Ion:278 Resp: 66034

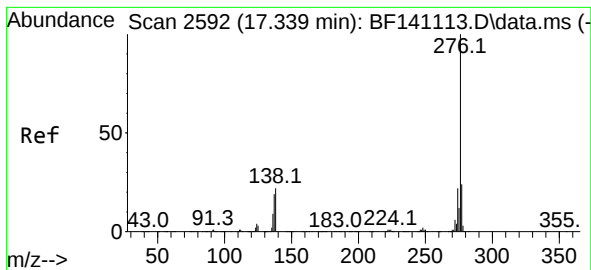
Ion Ratio Lower Upper

278 100

139 15.4 13.8 20.6

279 23.3 19.1 28.7





#92

Benzo(g,h,i)perylene

Concen: 3.599 ng

RT: 17.315 min Scan# 2

Delta R.T. -0.024 min

Lab File: BF141140.D

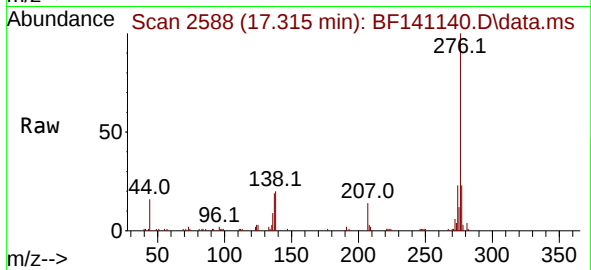
Acq: 14 Jan 2025 12:45

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion:276 Resp: 66427

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.4

138 19.8 17.4 26.2

