

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
 Data File : BF140227.D
 Acq On : 04 Nov 2024 19:07
 Operator : RC/JU
 Sample : P4368-09
 Misc : MDL-MDL-WATER-8 PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Nov 05 00:01:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 17:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	211180	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	779214	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	463097	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	860472	20.000	ng	0.00
76) Chrysene-d12	14.051	240	583645	20.000	ng	0.00
86) Perylene-d12	15.533	264	485726	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1351709	108.459	ng	0.00
7) Phenol-d6	6.504	99	1811643	113.287	ng	0.00
23) Nitrobenzene-d5	7.439	82	1241922	80.630	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	698255	136.751	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2458521	82.981	ng	0.00
79) Terphenyl-d14	12.992	244	3038202	83.054	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	46010	8.364	ng	91
3) Pyridine	3.469	79	101719	7.528	ng	96
4) n-Nitrosodimethylamine	3.369	42	51251	6.771	ng	# 87
6) Aniline	6.539	93	148614	10.647	ng	96
8) 2-Chlorophenol	6.663	128	112292	8.548	ng	99
9) Benzaldehyde	6.428	77	96198	9.258	ng	94
10) Phenol	6.516	94	145169	8.535	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	109075	8.342	ng	97
12) 1,3-Dichlorobenzene	6.816	146	124868	8.051	ng	98
13) 1,4-Dichlorobenzene	6.892	146	126555	8.077	ng	100
14) 1,2-Dichlorobenzene	7.045	146	118232	8.075	ng	100
15) Benzyl Alcohol	7.010	79	121209	9.677	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.145	45	154799	8.225	ng	99
17) 2-Methylphenol	7.116	107	91339	8.590	ng	96
18) Hexachloroethane	7.386	117	44520	7.632	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	84944	8.135	ng	98
20) 3+4-Methylphenols	7.269	107	120869	8.835	ng	# 87
22) Acetophenone	7.281	105	174387	9.131	ng	# 91
24) Nitrobenzene	7.457	77	131811	8.197	ng	97
25) Isophorone	7.686	82	227455	8.693	ng	99
26) 2-Nitrophenol	7.769	139	55258	8.756	ng	95
27) 2,4-Dimethylphenol	7.798	122	79330	9.179	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	139336	8.838	ng	99
29) 2,4-Dichlorophenol	8.010	162	98200	8.984	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	117169	8.731	ng	98
31) Naphthalene	8.175	128	346049	8.809	ng	99
32) Benzoic acid	7.863	122	39222	5.707	ng	92
33) 4-Chloroaniline	8.222	127	131378	10.091	ng	96
34) Hexachlorobutadiene	8.292	225	75254	8.081	ng	100
35) Caprolactam	8.557	113	28732	8.859	ng	93
36) 4-Chloro-3-methylphenol	8.698	107	103160	8.667	ng	96
37) 2-Methylnaphthalene	8.869	142	239497	9.136	ng	100
38) 1-Methylnaphthalene	8.969	142	222926	8.688	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	130923	9.160	ng	99
41) Hexachlorocyclopentadiene	9.022	237	38015	9.698	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	77219	8.847	ng	99

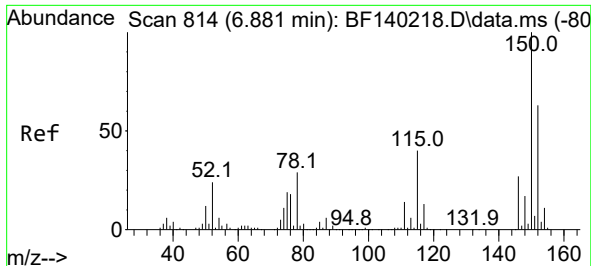
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	80040	8.777	ng	97
46) 1,1'-Biphenyl	9.333	154	317222	9.437	ng	98
47) 2-Chloronaphthalene	9.357	162	229641	9.004	ng	97
48) 2-Nitroaniline	9.451	65	64683	8.159	ng	93
49) Acenaphthylene	9.775	152	363176	10.117	ng	98
50) Dimethylphthalate	9.627	163	262719	9.251	ng	99
51) 2,6-Dinitrotoluene	9.692	165	58490	8.643	ng	87
52) Acenaphthene	9.945	154	221044	8.639	ng	99
53) 3-Nitroaniline	9.857	138	57028	9.235	ng	99
54) 2,4-Dinitrophenol	9.969	184	12093	9.607	ng	88
55) Dibenzofuran	10.116	168	341925	9.461	ng	96
56) 4-Nitrophenol	10.016	139	35262	7.717	ng	84
57) 2,4-Dinitrotoluene	10.092	165	76114	8.592	ng	91
58) Fluorene	10.463	166	272010	9.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	68207	9.028	ng	96
60) Diethylphthalate	10.333	149	262266	9.066	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	138205	9.293	ng	94
62) 4-Nitroaniline	10.469	138	55471	8.836	ng	90
63) Azobenzene	10.616	77	254794	8.685	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	27530	6.110	ng	95
66) n-Nitrosodiphenylamine	10.574	169	230223	9.289	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	87001	8.978	ng	98
68) Hexachlorobenzene	11.010	284	99096	9.062	ng	97
69) Atrazine	11.092	200	79219	11.425	ng	99
70) Pentachlorophenol	11.204	266	39489	6.780	ng	96
71) Phenanthrene	11.427	178	396987	9.491	ng	99
72) Anthracene	11.480	178	405653	9.896	ng	99
73) Carbazole	11.633	167	340463	9.158	ng	99
74) Di-n-butylphthalate	11.963	149	397026	9.105	ng	99
75) Fluoranthene	12.616	202	417694	9.323	ng	99
77) Benzidine	12.739	184	113315	11.193	ng	97
78) Pyrene	12.845	202	421542	8.795	ng	98
80) Butylbenzylphthalate	13.468	149	141160	8.397	ng	94
81) Benzo(a)anthracene	14.039	228	352212	9.201	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	101909	8.824	ng	99
83) Chrysene	14.074	228	310567	8.820	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	205517	8.790	ng	100
85) Di-n-octyl phthalate	14.645	149	293524	8.466	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	252883	8.272	ng	99
88) Benzo(b)fluoranthene	15.098	252	252941	8.256	ng	99
89) Benzo(k)fluoranthene	15.127	252	263203	9.640	ng	99
90) Benzo(a)pyrene	15.468	252	225068	9.114	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	203402	8.169	ng	99
92) Benzo(g,h,i)perylene	17.486	276	192200	7.560	ng	99

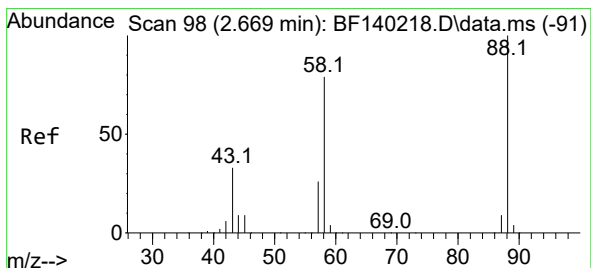
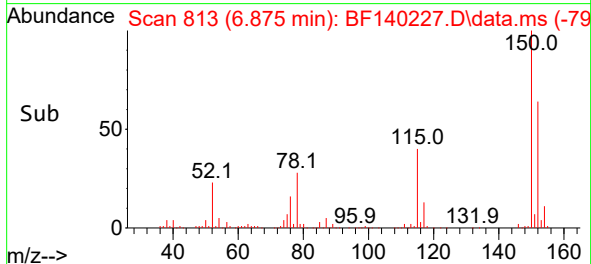
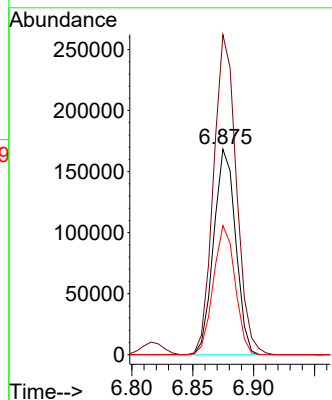
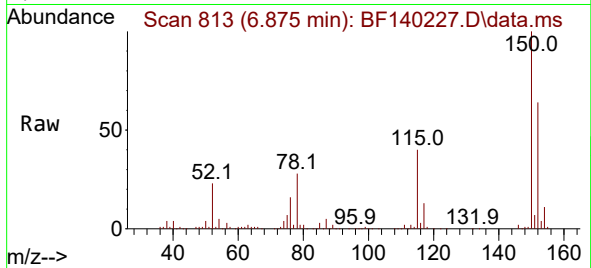
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

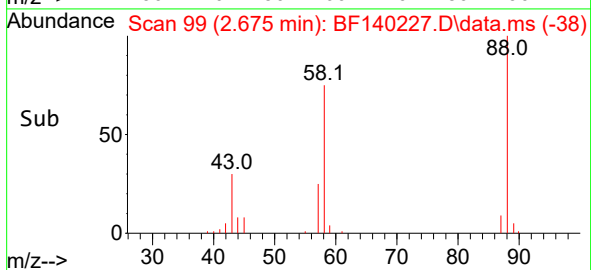
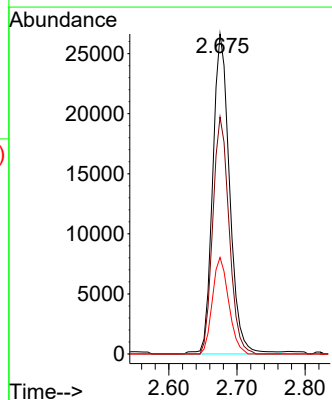
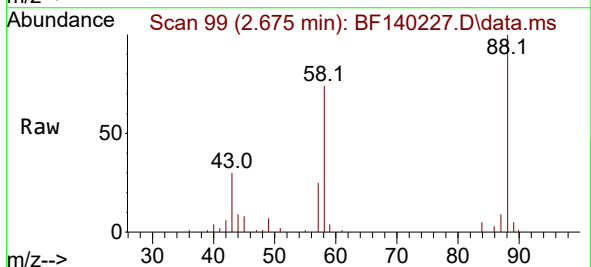
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

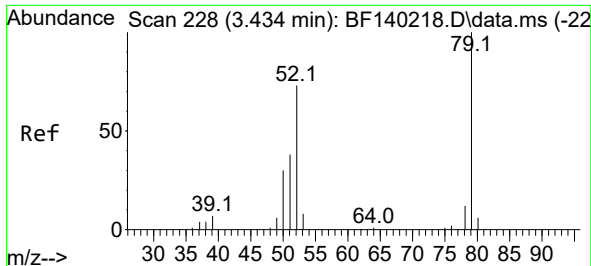
Tgt Ion:152 Resp: 211180
Ion Ratio Lower Upper
152 100
150 155.8 127.8 191.8
115 62.9 50.7 76.1



#2
1,4-Dioxane
Concen: 8.364 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion: 88 Resp: 46010
Ion Ratio Lower Upper
88 100
58 71.3 63.4 95.2
43 29.0 26.8 40.2





#3

Pyridine

Concen: 7.528 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

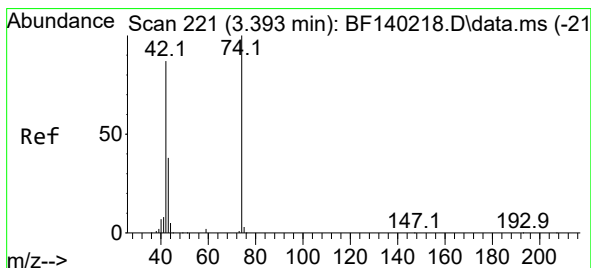
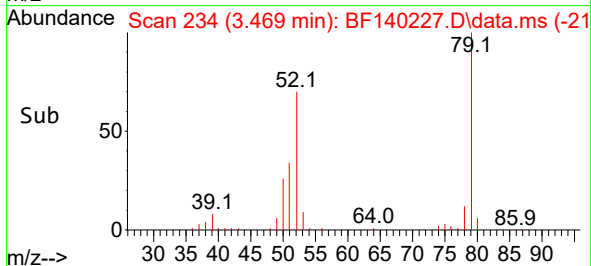
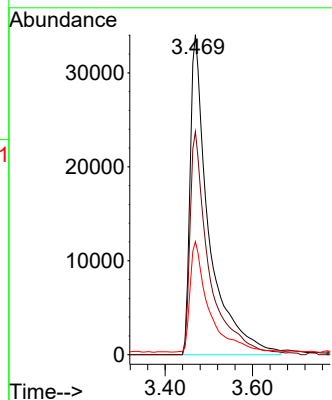
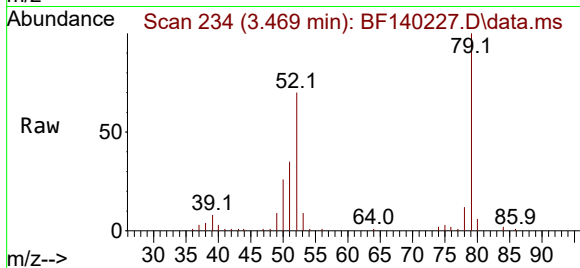
Tgt Ion: 79 Resp: 101719

Ion Ratio Lower Upper

79 100

52 69.7 58.2 87.4

51 35.4 30.6 46.0



#4

n-Nitrosodimethylamine

Concen: 6.771 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.024 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

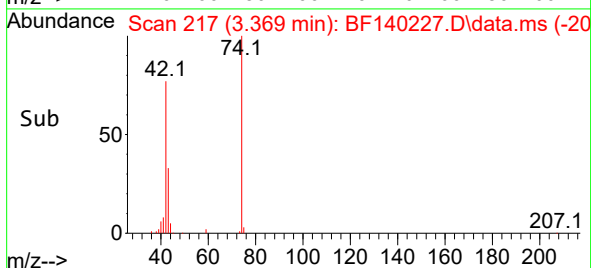
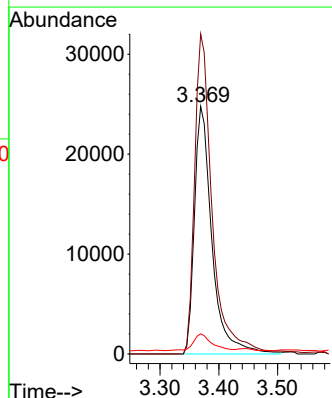
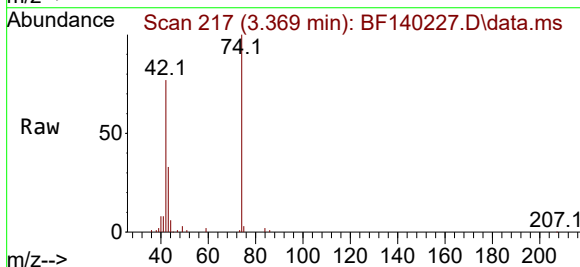
Tgt Ion: 42 Resp: 51251

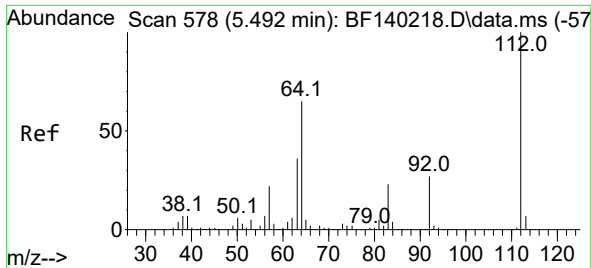
Ion Ratio Lower Upper

42 100

74 129.3 92.0 138.0

44 8.1 5.0 7.6#

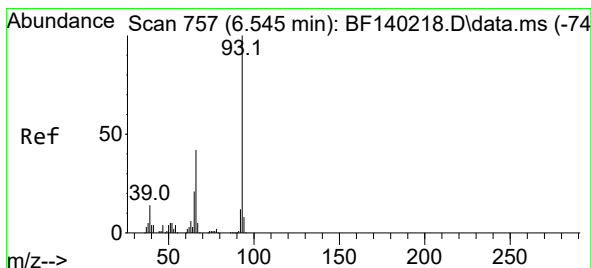
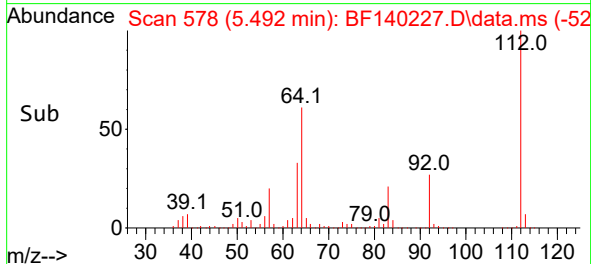
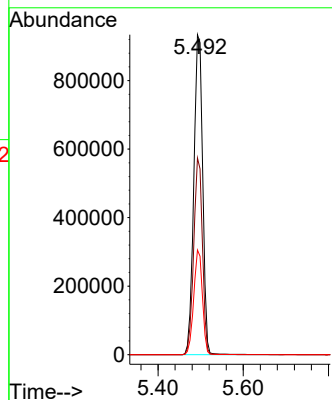
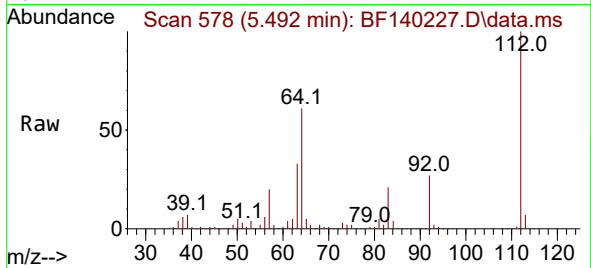




#5
2-Fluorophenol
Concen: 108.459 ng
RT: 5.492 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

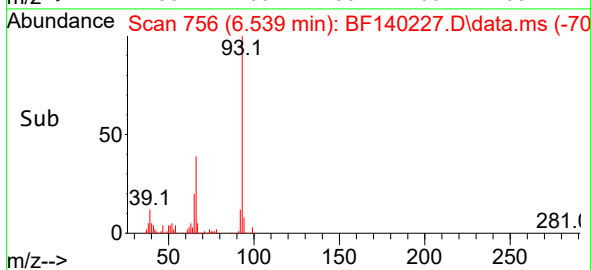
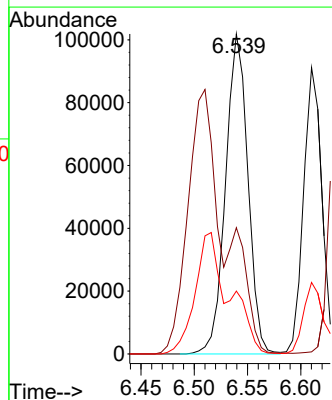
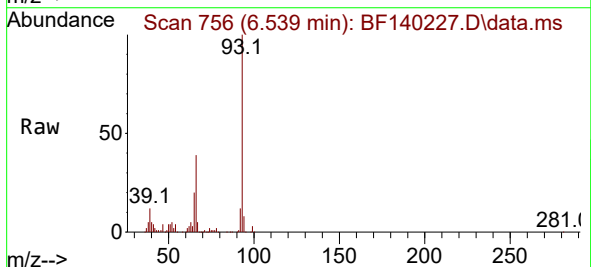
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

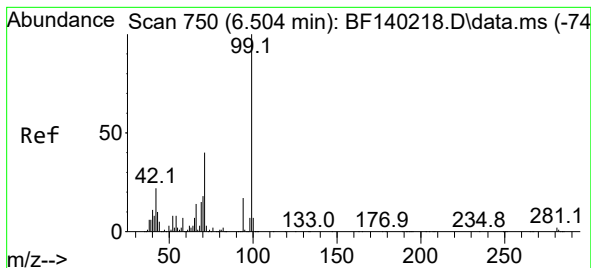
Tgt Ion:112 Resp: 1351709
Ion Ratio Lower Upper
112 100
64 61.4 51.8 77.6
63 32.7 28.4 42.6



#6
Aniline
Concen: 10.647 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion: 93 Resp: 148614
Ion Ratio Lower Upper
93 100
66 39.5 33.7 50.5
65 19.6 17.2 25.8





#7

Phenol-d6

Concen: 113.287 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

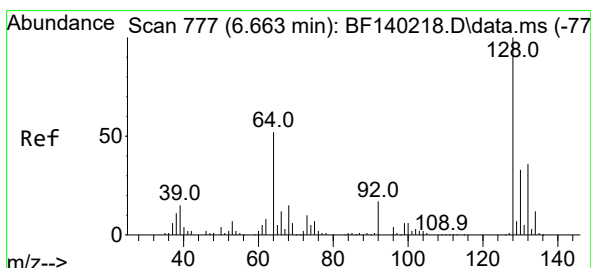
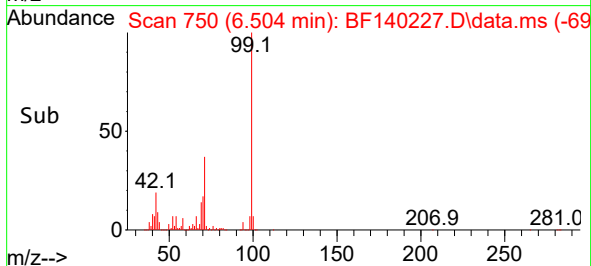
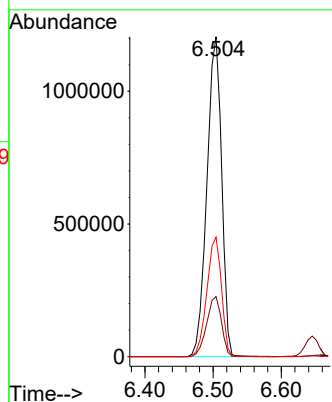
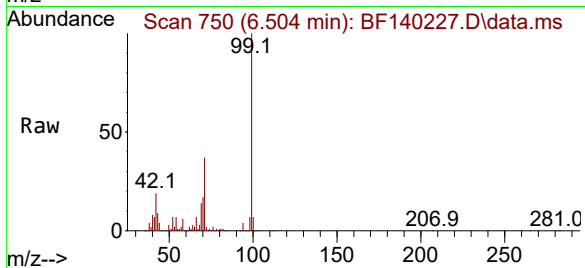
Tgt Ion: 99 Resp: 1811643

Ion Ratio Lower Upper

99 100

42 18.8 17.8 26.6

71 37.4 32.0 48.0



#8

2-Chlorophenol

Concen: 8.548 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

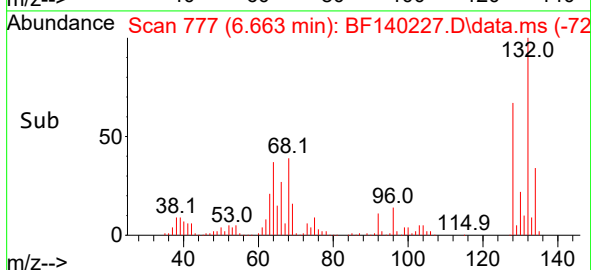
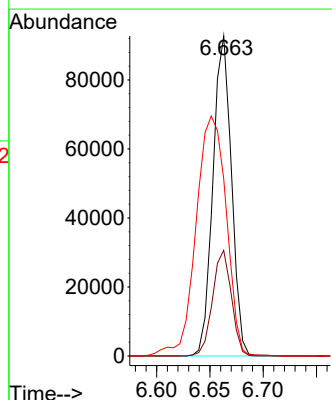
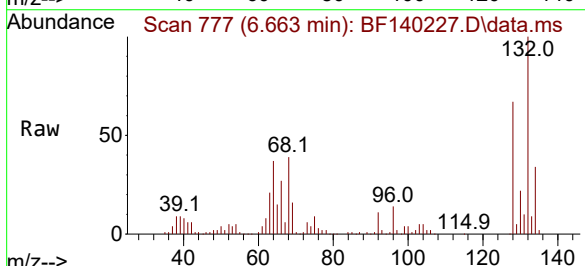
Tgt Ion:128 Resp: 112292

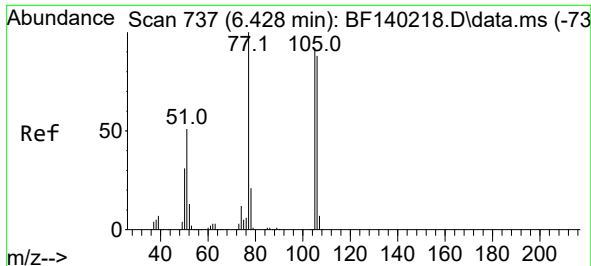
Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 55.4 34.4 74.4





#9

Benzaldehyde

Concen: 9.258 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

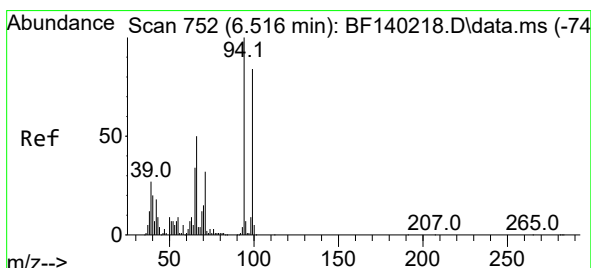
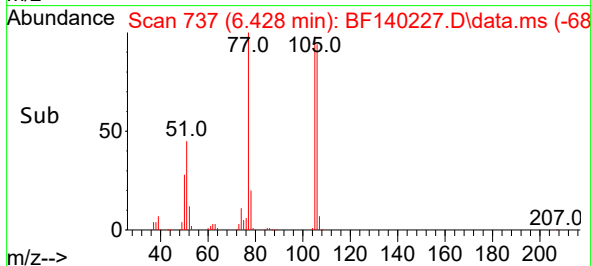
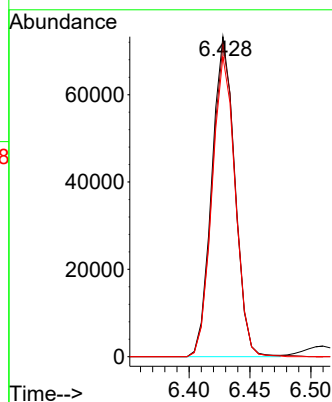
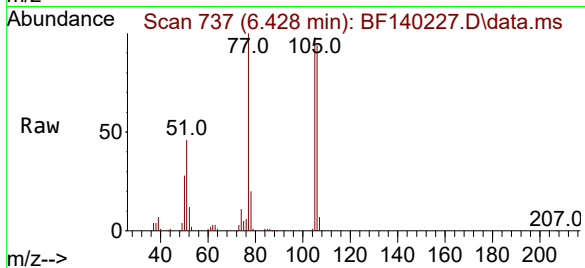
Tgt Ion: 77 Resp: 96198

Ion Ratio Lower Upper

77 100

105 97.5 71.7 111.7

106 93.8 67.9 107.9



#10

Phenol

Concen: 8.535 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

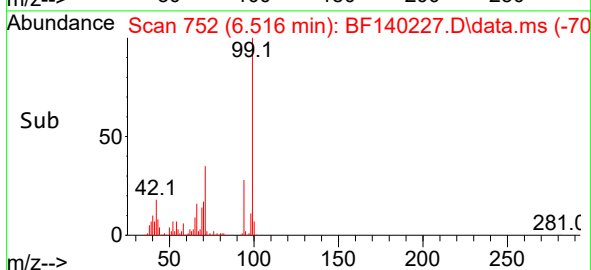
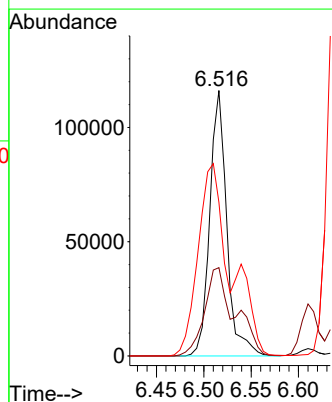
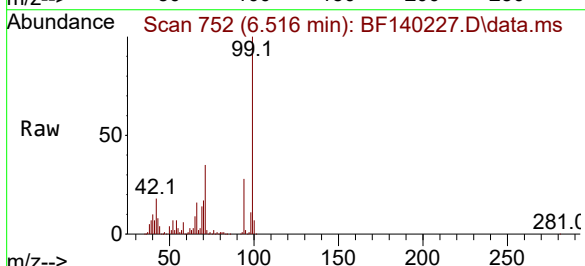
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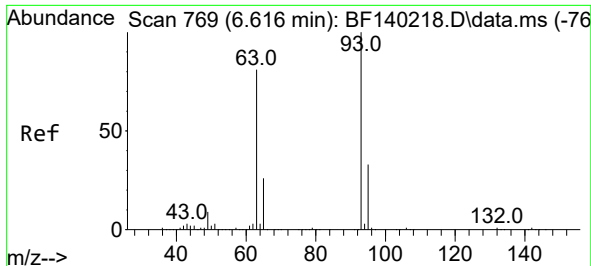
Ion Ratio Lower Upper

94 100

65 33.3 14.0 54.0

66 57.9 30.2 70.2





#11

bis(2-Chloroethyl)ether

Concen: 8.342 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

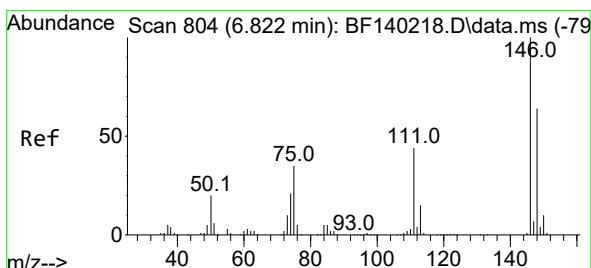
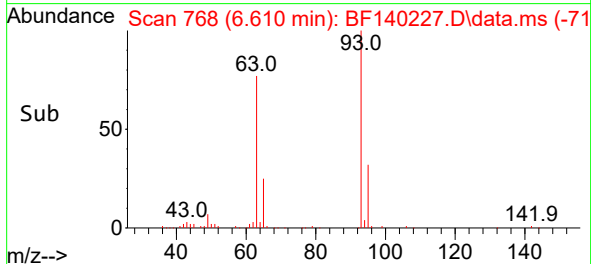
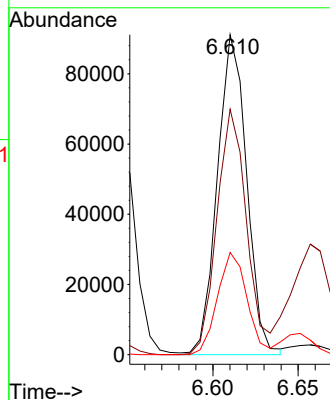
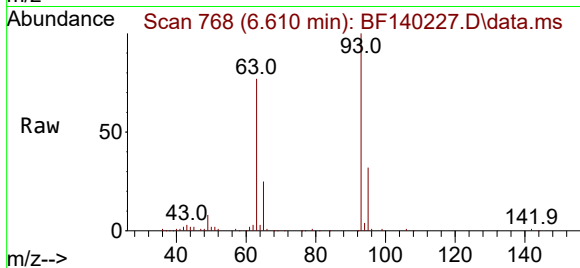
Tgt Ion: 93 Resp: 109075

Ion Ratio Lower Upper

93 100

63 76.7 59.8 99.8

95 31.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 8.051 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

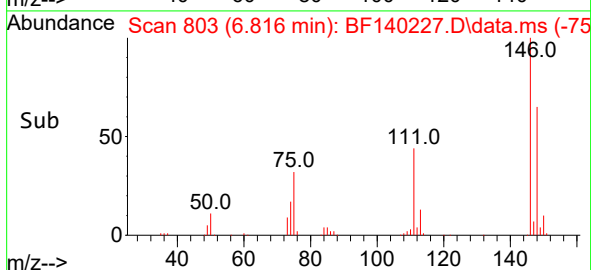
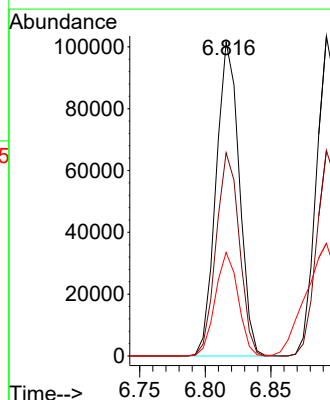
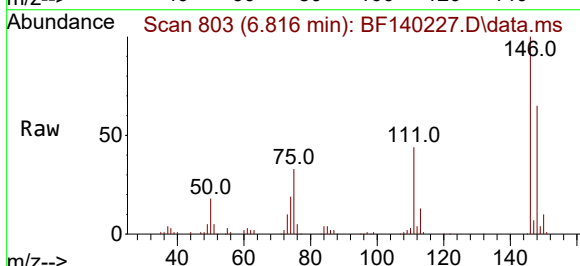
Tgt Ion: 146 Resp: 124868

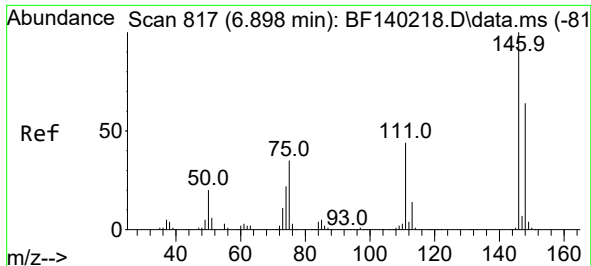
Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.4

75 33.0 28.2 42.4





#13

1,4-Dichlorobenzene

Concen: 8.077 ng

RT: 6.892 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

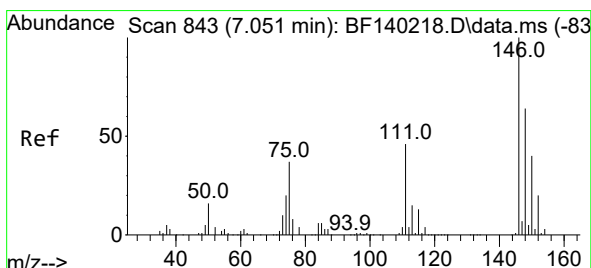
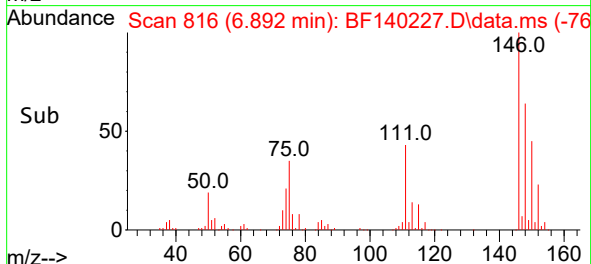
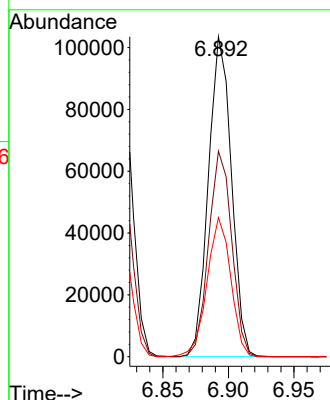
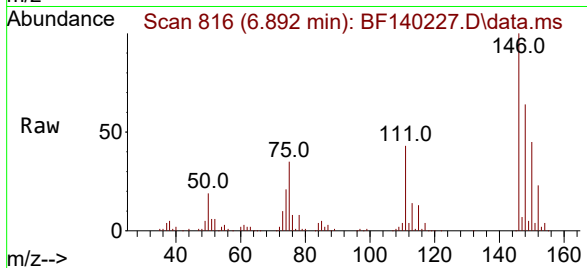
Tgt Ion:146 Resp: 126555

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 43.4 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 8.075 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

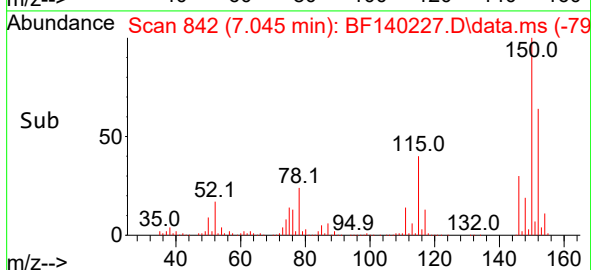
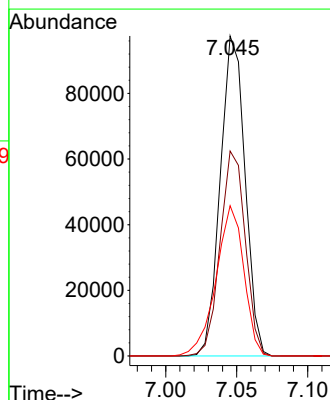
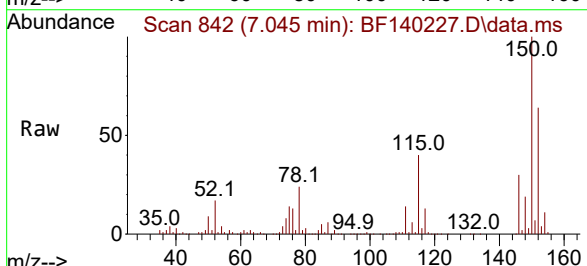
Tgt Ion:146 Resp: 118232

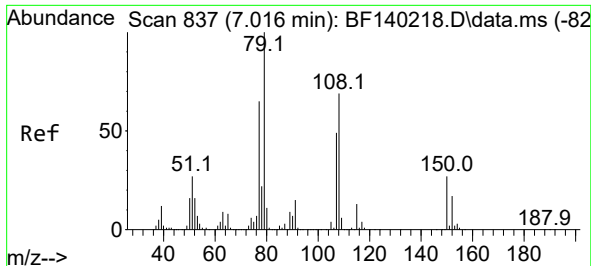
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 47.0 37.1 55.7

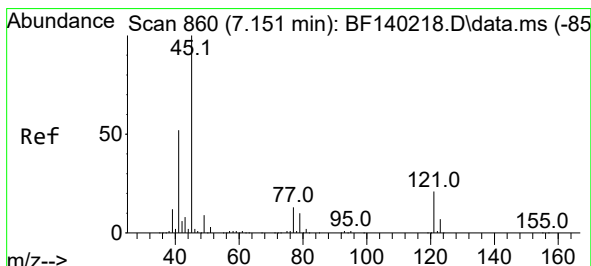
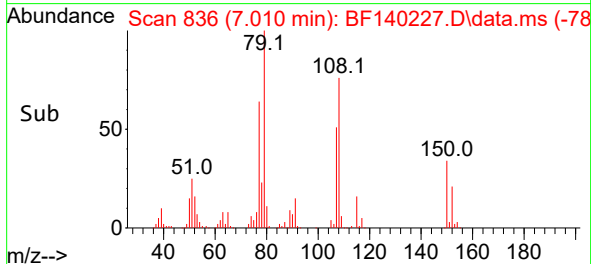
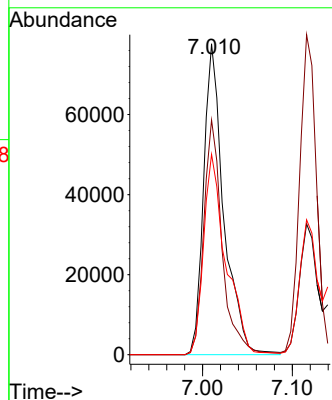
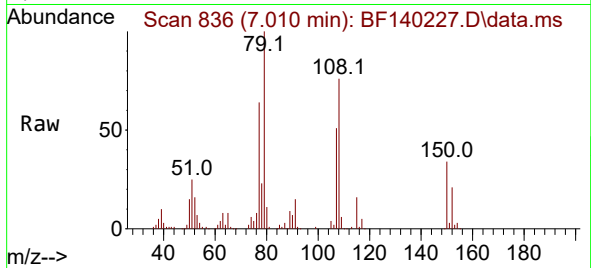




#15
Benzyl Alcohol
Concen: 9.677 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

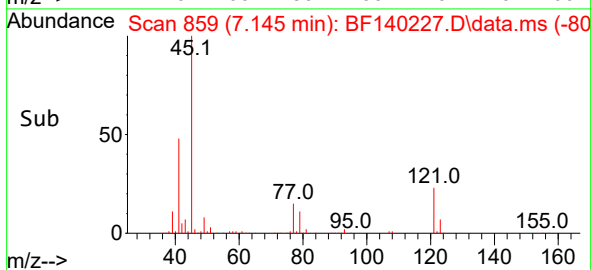
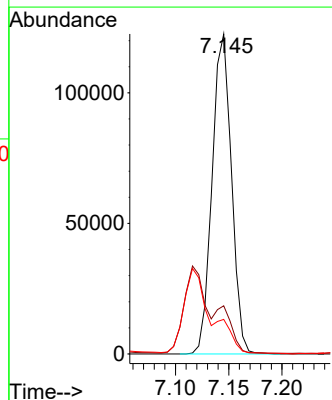
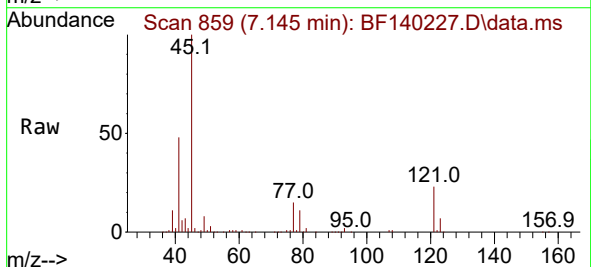
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

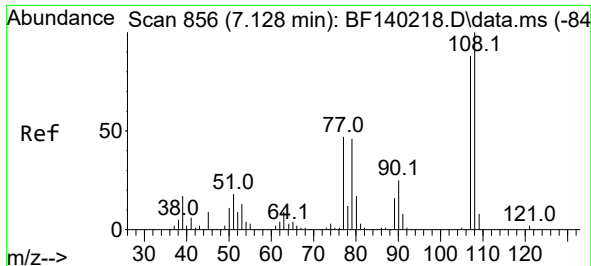
Tgt Ion: 79 Resp: 121209
Ion Ratio Lower Upper
79 100
108 75.5 55.6 83.4
77 64.4 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.225 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion: 45 Resp: 154799
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.5
79 10.8 0.0 31.0

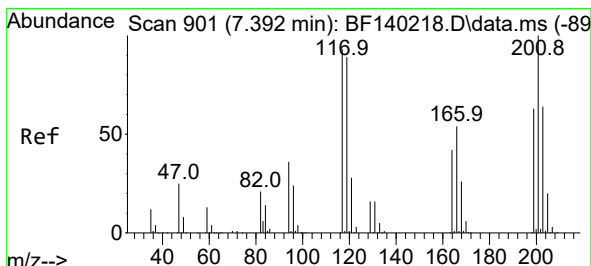
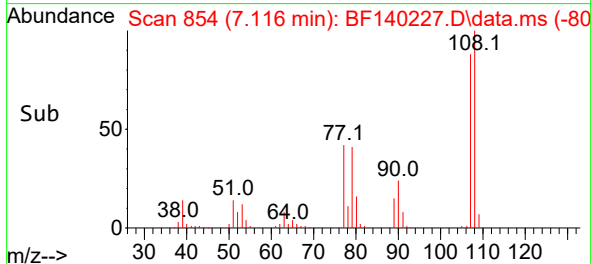
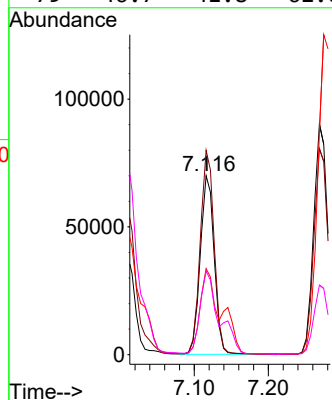
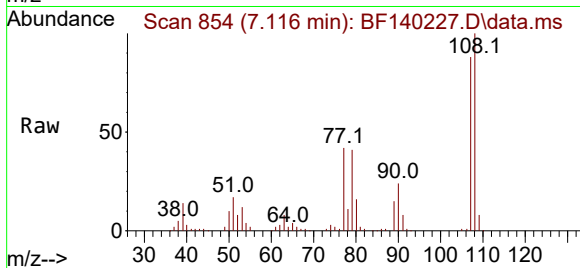




#17
2-Methylphenol
Concen: 8.590 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

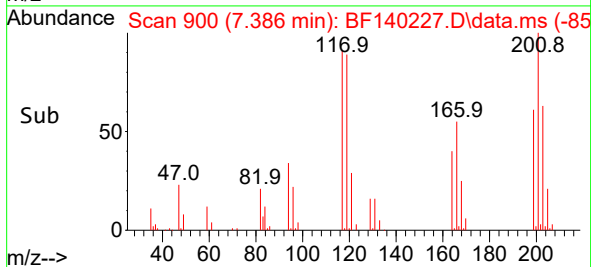
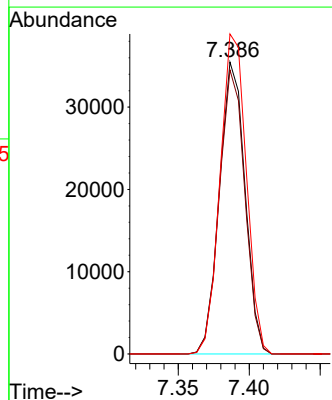
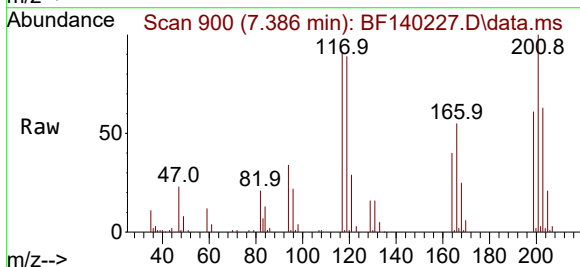
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

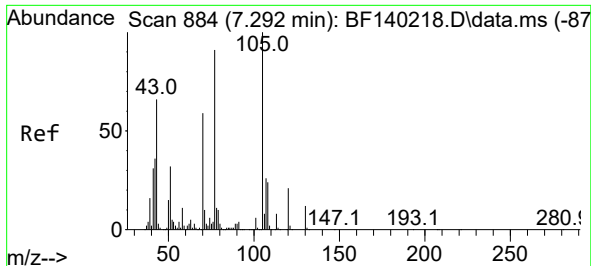
Tgt Ion:107 Resp: 91339
Ion Ratio Lower Upper
107 100
108 114.1 91.4 137.0
77 48.1 43.0 64.4
79 46.7 41.8 62.6



#18
Hexachloroethane
Concen: 7.632 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:117 Resp: 44520
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.4
201 109.7 86.2 129.4

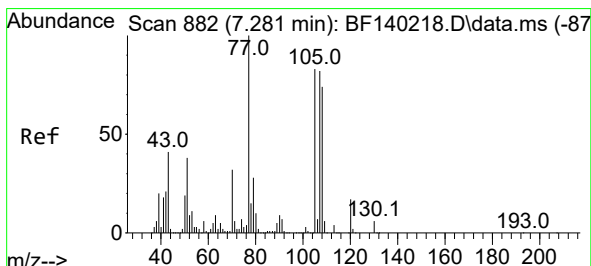
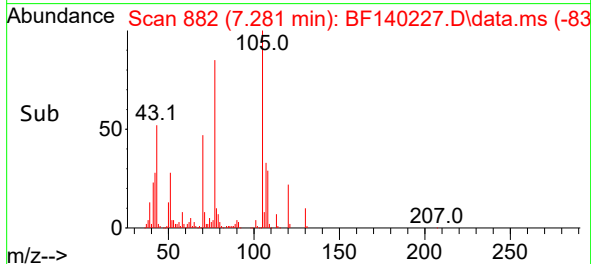
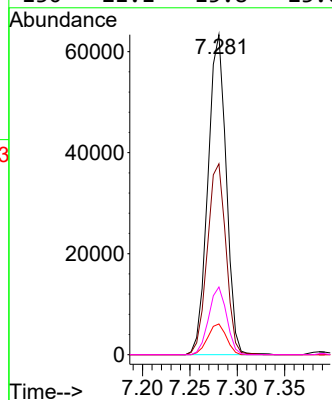
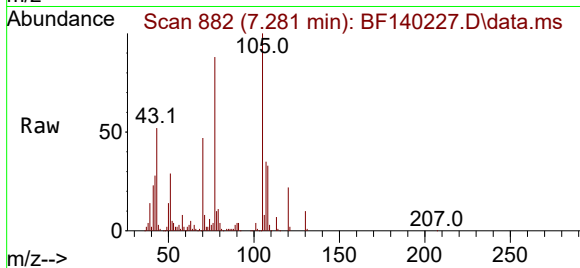




#19
n-Nitroso-di-n-propylamine
Concen: 8.135 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

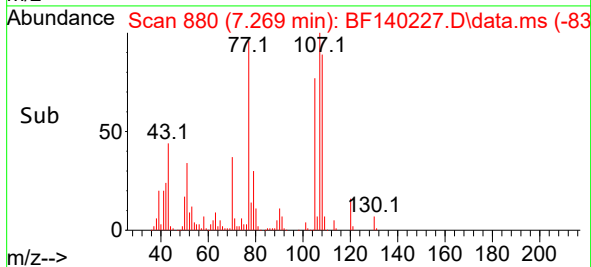
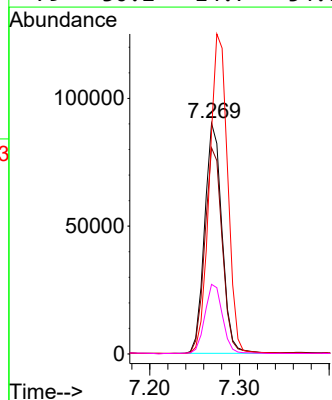
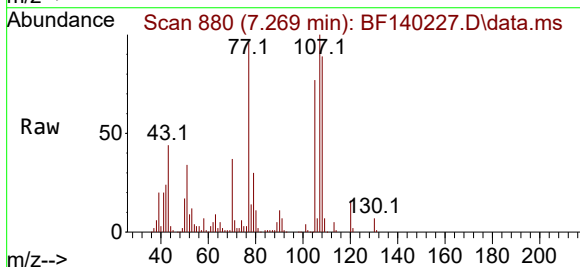
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

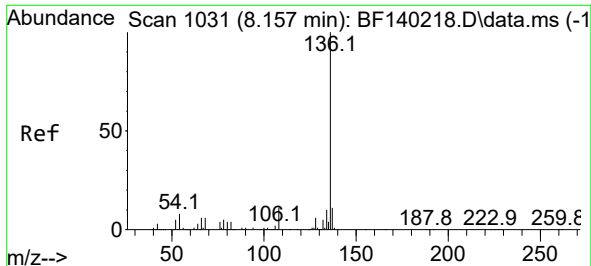
Tgt Ion:	70	Resp:	84944
Ion	Ratio	Lower	Upper
70	100		
42	59.7	49.2	73.8
101	9.6	7.5	11.3
130	21.1	15.8	23.6



#20
3+4-Methylphenols
Concen: 8.835 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:	107	Resp:	120869
Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.0	110.0
77	96.4	101.9	141.9#
79	30.2	14.7	54.7

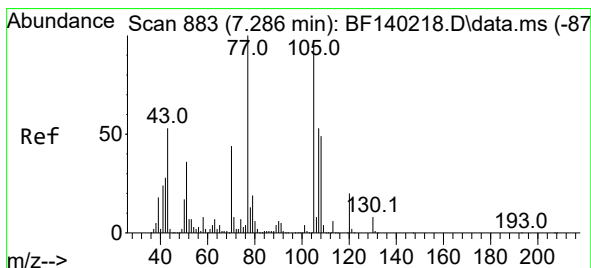
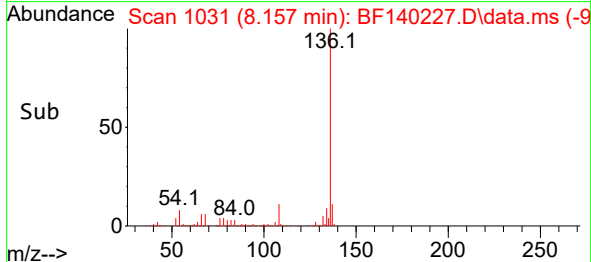
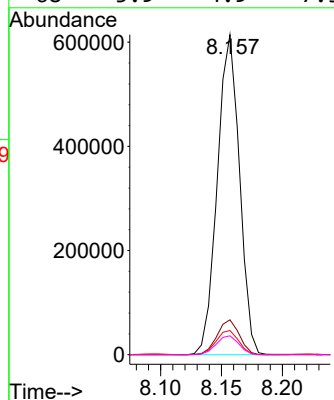
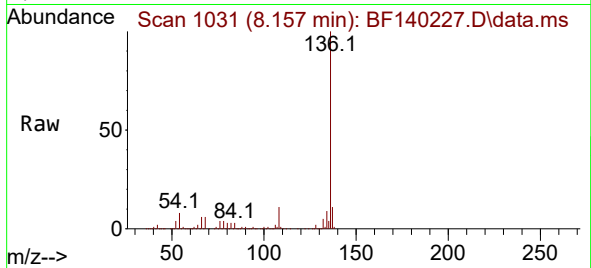




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

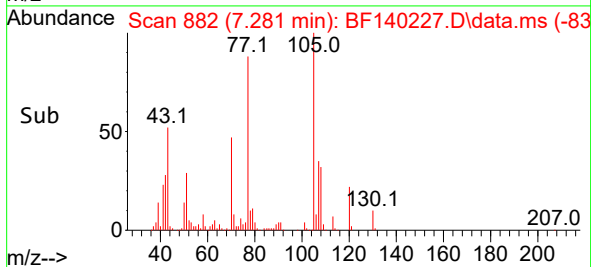
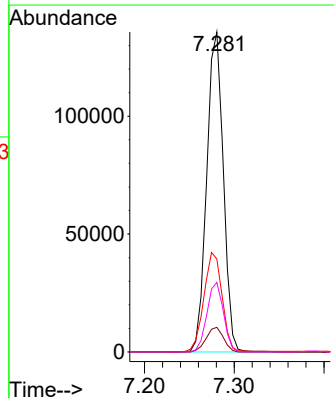
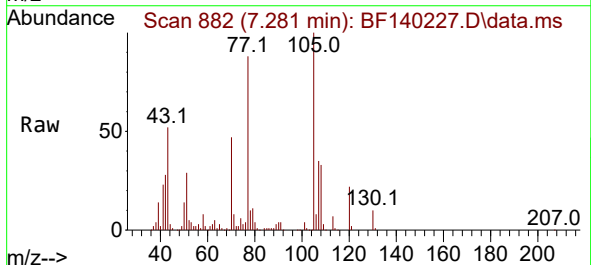
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

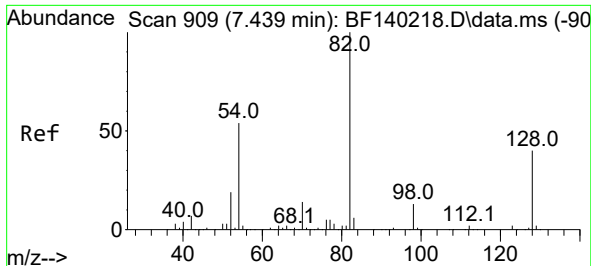
Tgt Ion:	136	Resp:	779214
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.6	6.9	10.3
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 9.131 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:	105	Resp:	174387
Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.2	9.4
51	29.1	30.1	45.1#
120	21.8	16.6	25.0





#23

Nitrobenzene-d5

Concen: 80.630 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

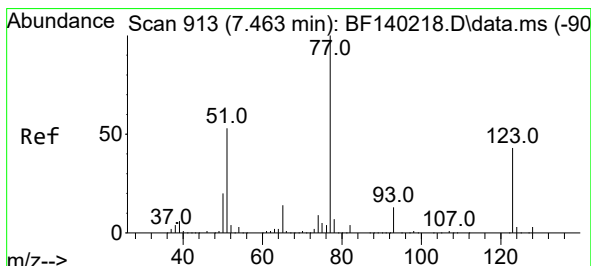
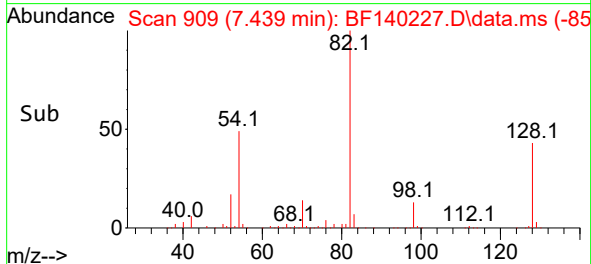
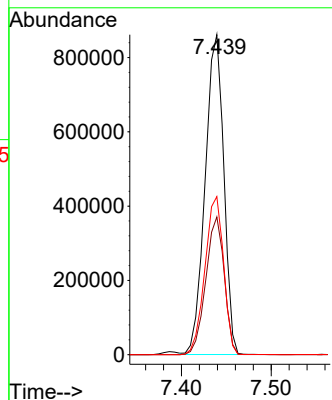
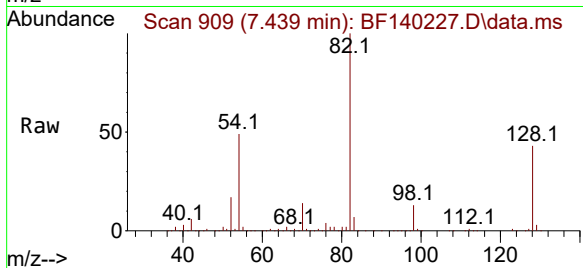
BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 82 Resp: 1241922

Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.4	47.2
54	49.4	42.7	64.1



#24

Nitrobenzene

Concen: 8.197 ng

RT: 7.457 min Scan# 912

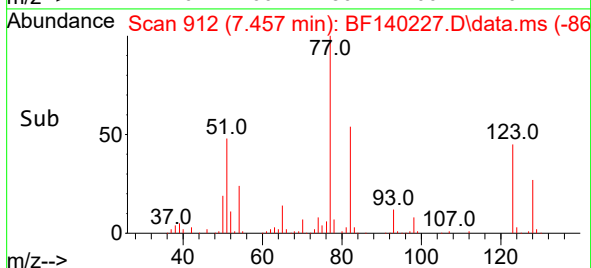
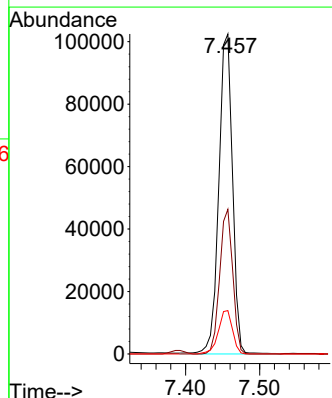
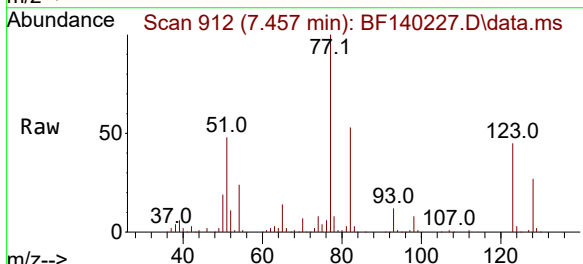
Delta R.T. -0.006 min

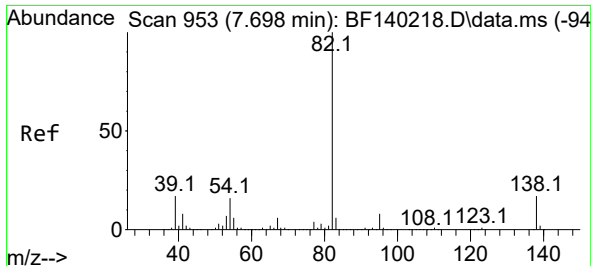
Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Tgt Ion: 77 Resp: 131811

Ion	Ratio	Lower	Upper
77	100		
123	45.2	34.6	51.8
65	13.5	11.4	17.0

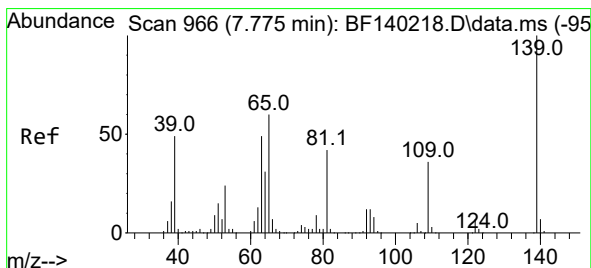
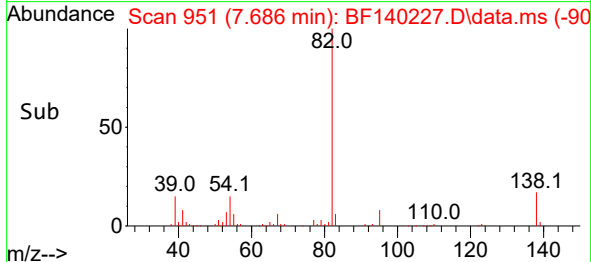
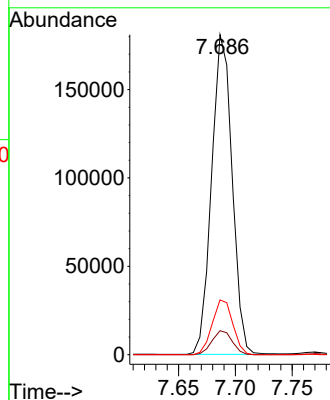
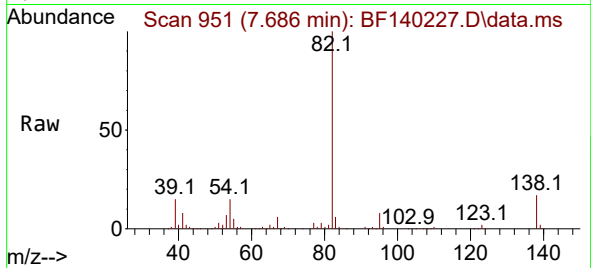




#25
Isophorone
Concen: 8.693 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

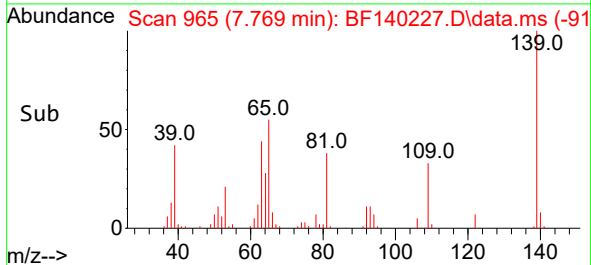
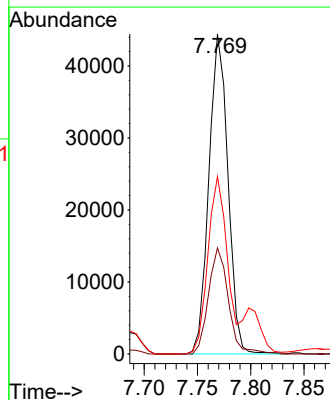
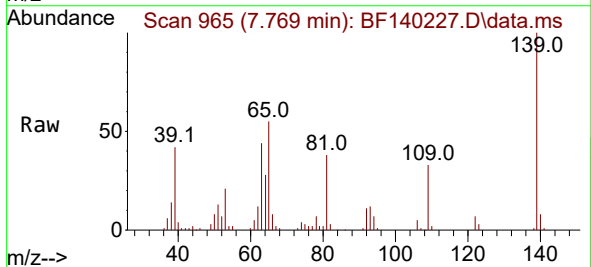
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

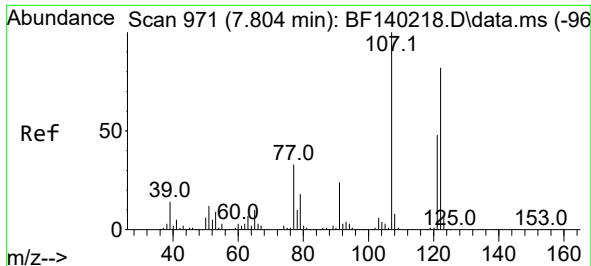
Tgt Ion: 82 Resp: 227455
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.4
138 17.1 13.2 19.8



#26
2-Nitrophenol
Concen: 8.756 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:139 Resp: 55258
Ion Ratio Lower Upper
139 100
109 33.1 28.6 42.8
65 55.4 47.8 71.6





#27

2,4-Dimethylphenol

Concen: 9.179 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

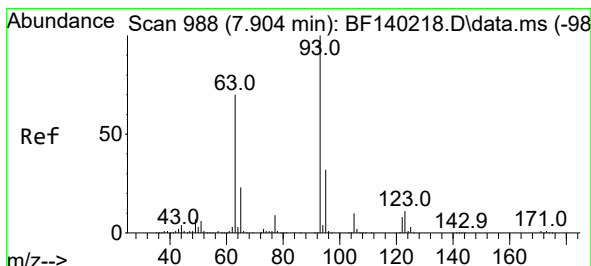
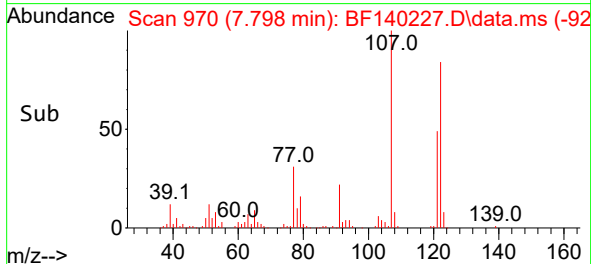
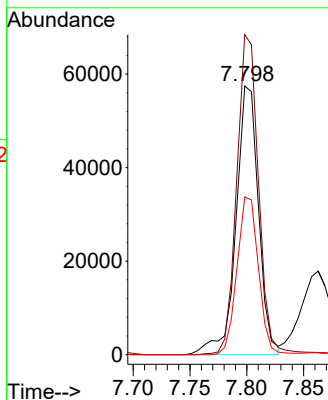
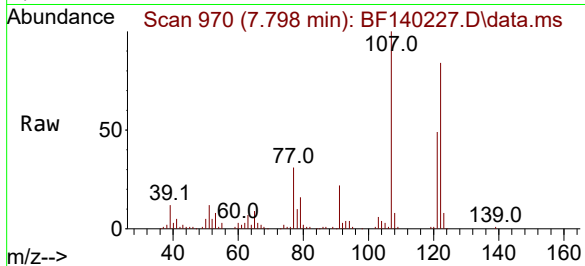
Tgt Ion:122 Resp: 79330

Ion Ratio Lower Upper

122 100

107 119.1 97.9 146.9

121 58.7 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 8.838 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

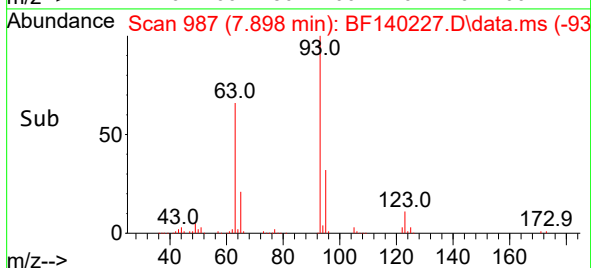
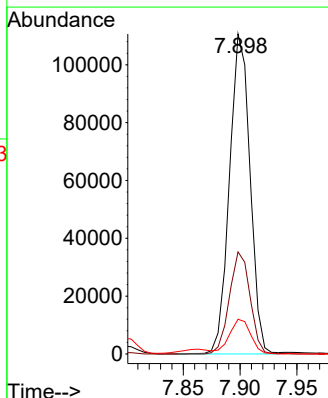
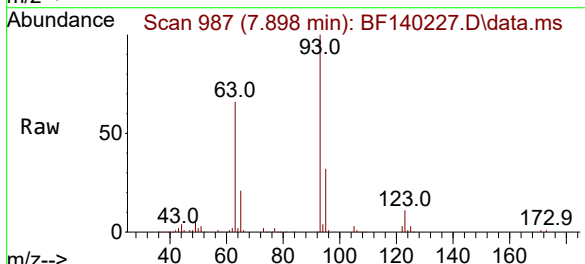
Tgt Ion: 93 Resp: 139336

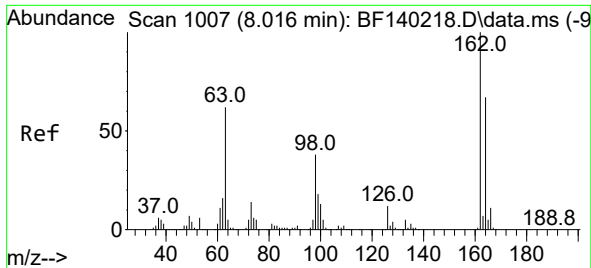
Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.8

123 10.9 9.5 14.3

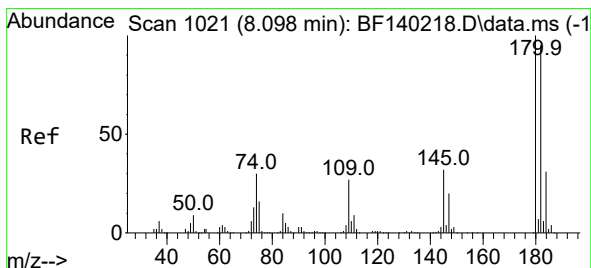
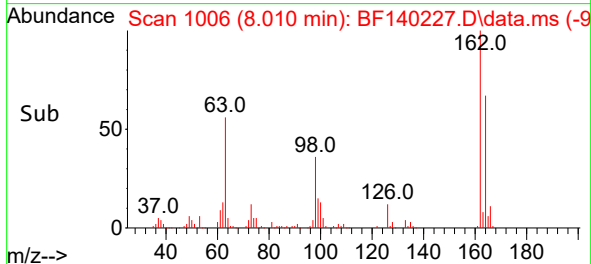
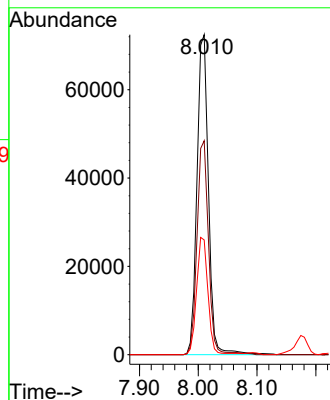
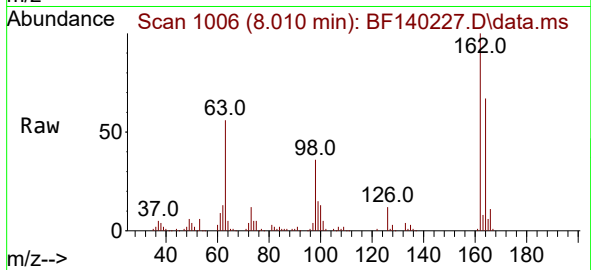




#29
2,4-Dichlorophenol
Concen: 8.984 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

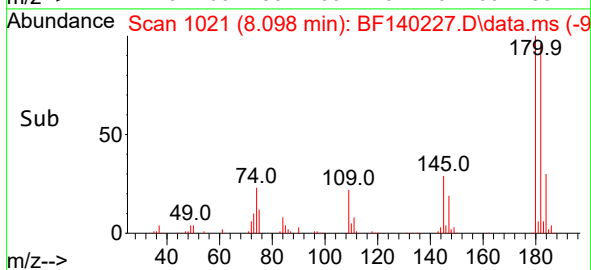
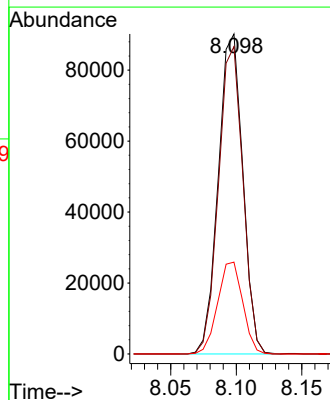
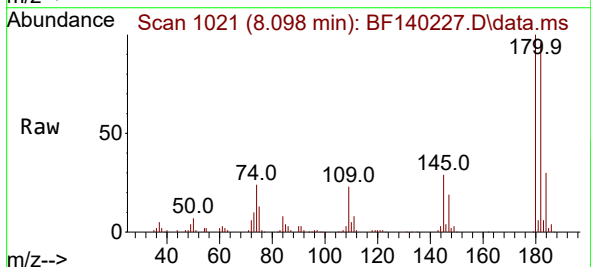
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

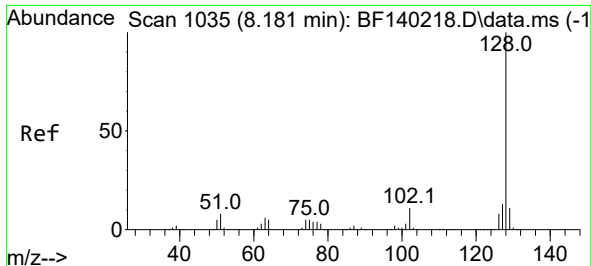
Tgt Ion:162 Resp: 98200
Ion Ratio Lower Upper
162 100
164 66.9 47.0 87.0
98 35.9 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 8.731 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:180 Resp: 117169
Ion Ratio Lower Upper
180 100
182 96.1 76.1 114.1
145 28.7 25.2 37.8

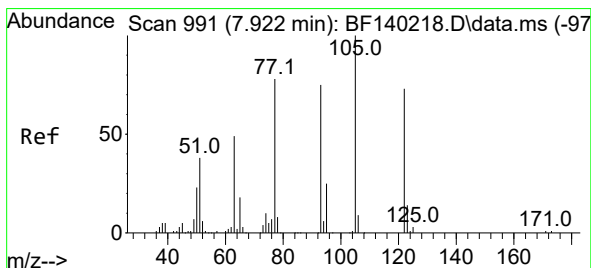
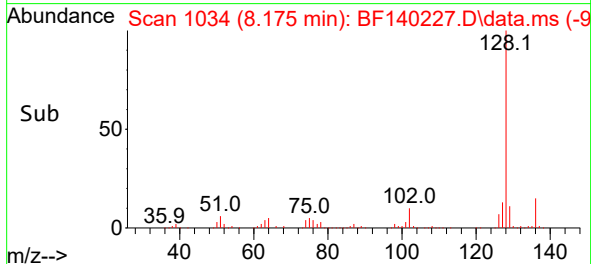
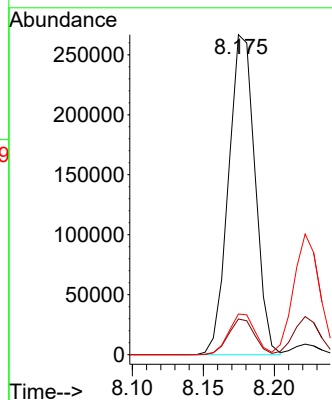
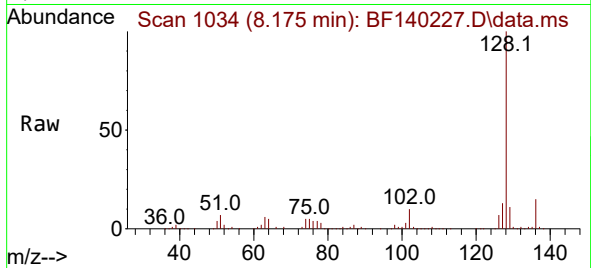




#31
Naphthalene
Concen: 8.809 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

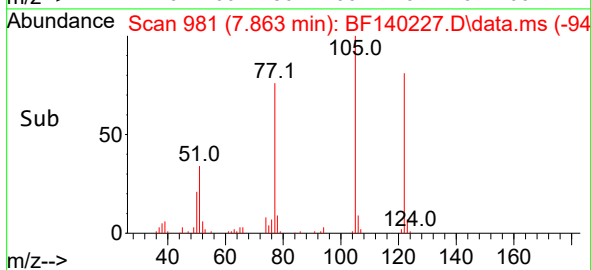
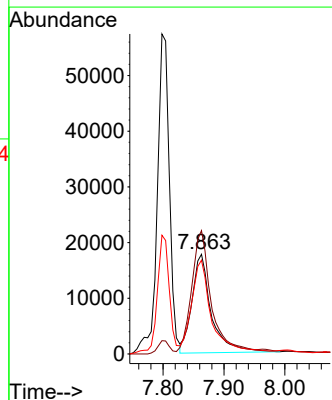
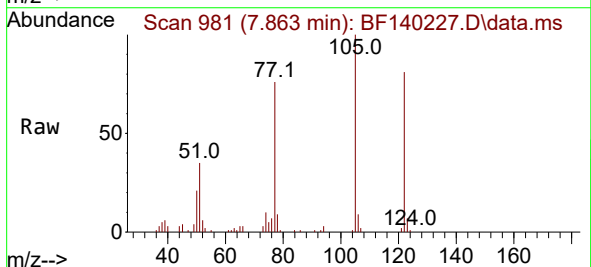
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

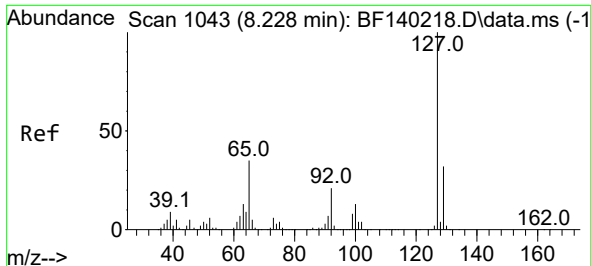
Tgt Ion:128 Resp: 346049
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.7 10.6 16.0



#32
Benzoic acid
Concen: 5.707 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.059 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:122 Resp: 39222
Ion Ratio Lower Upper
122 100
105 123.7 111.7 151.7
77 94.0 84.6 124.6

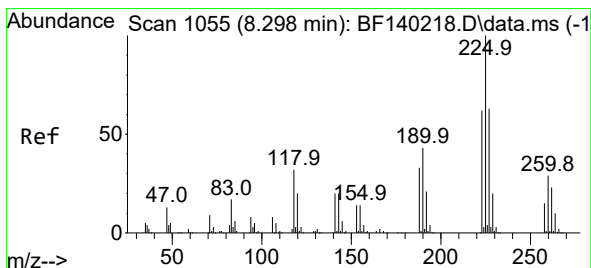
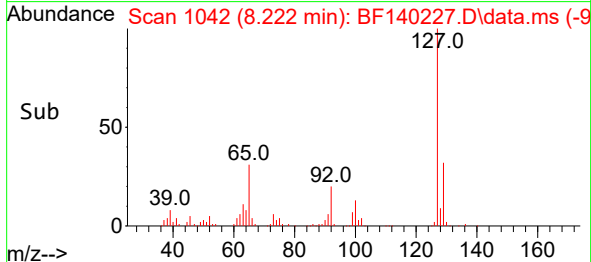
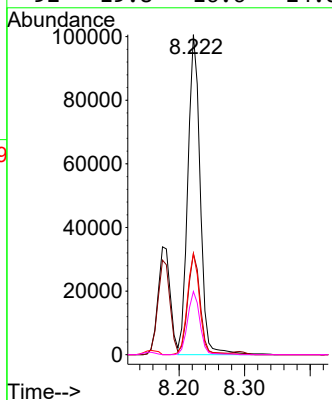
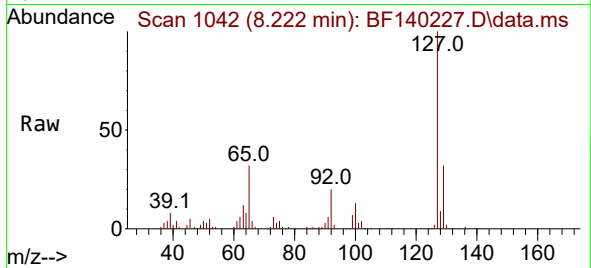




#33
4-Chloroaniline
Concen: 10.091 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

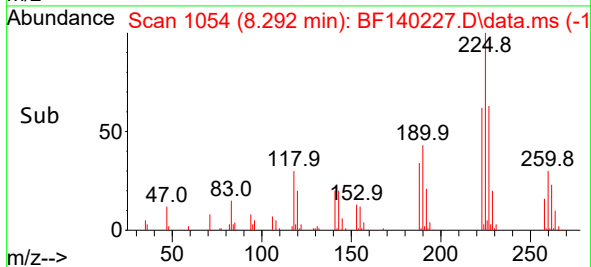
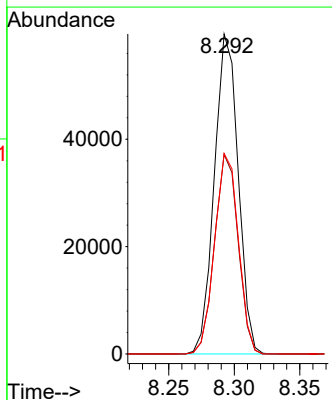
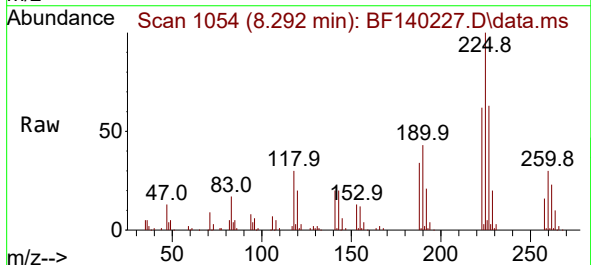
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

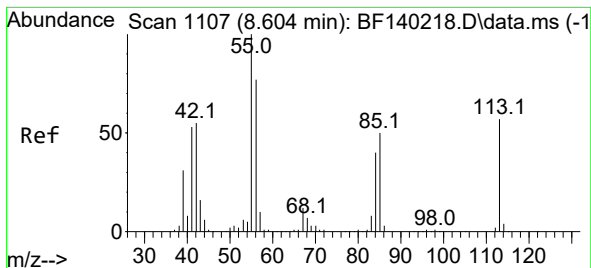
Tgt Ion:127 Resp: 131378
Ion Ratio Lower Upper
127 100
129 31.6 26.1 39.1
65 31.6 28.2 42.2
92 19.8 16.6 24.8



#34
Hexachlorobutadiene
Concen: 8.081 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:225 Resp: 75254
Ion Ratio Lower Upper
225 100
223 62.4 49.9 74.9
227 62.7 50.3 75.5





#35

Caprolactam

Concen: 8.859 ng

RT: 8.557 min Scan# 1107

Delta R.T. -0.047 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

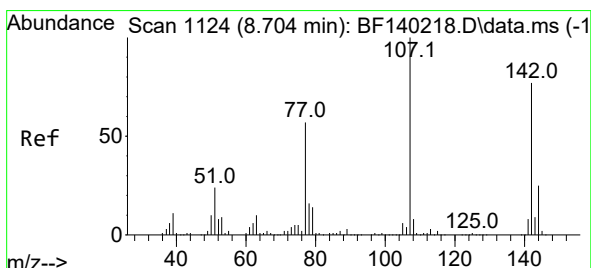
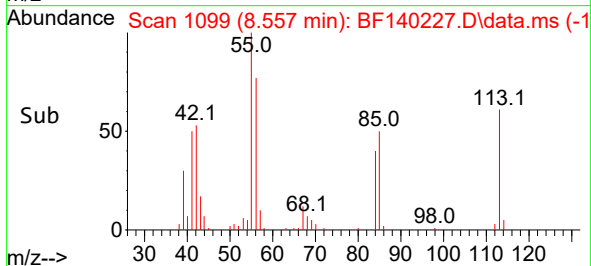
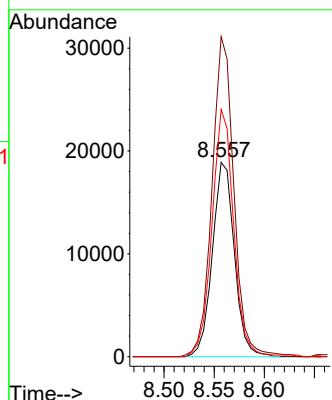
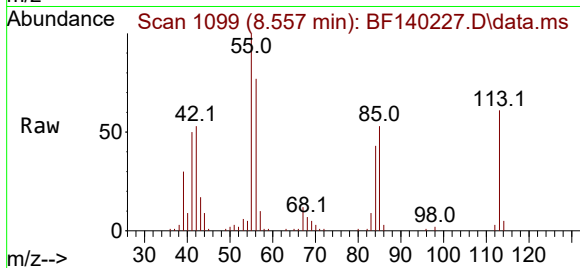
Tgt Ion:113 Resp: 28732

Ion Ratio Lower Upper

113 100

55 164.7 154.9 194.9

56 127.3 115.2 155.2



#36

4-Chloro-3-methylphenol

Concen: 8.667 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

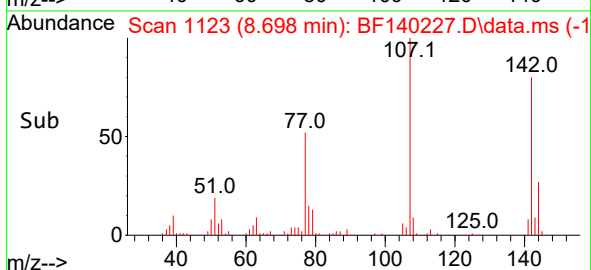
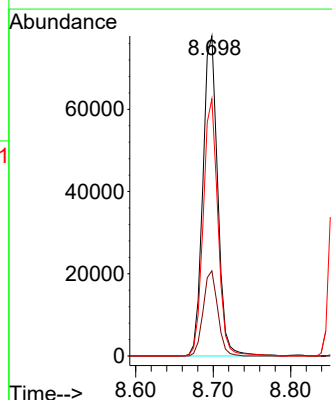
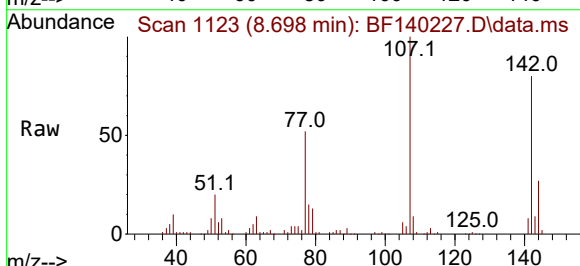
Tgt Ion:107 Resp: 103160

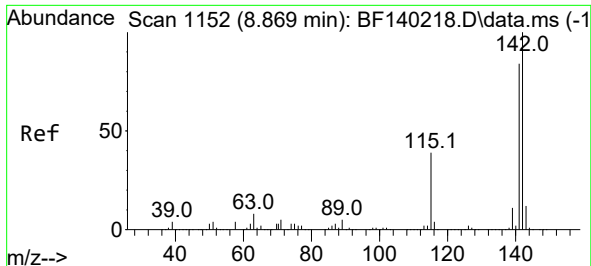
Ion Ratio Lower Upper

107 100

144 26.6 19.8 29.8

142 80.4 61.3 91.9

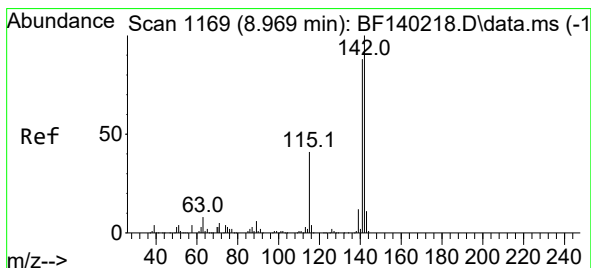
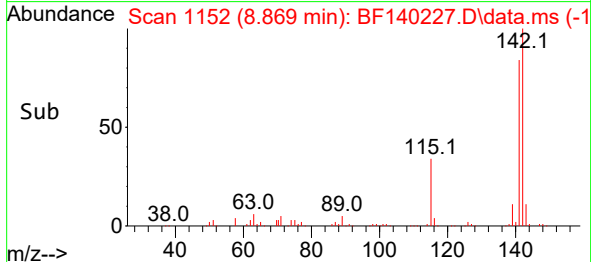
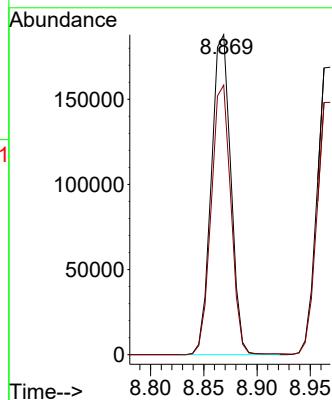
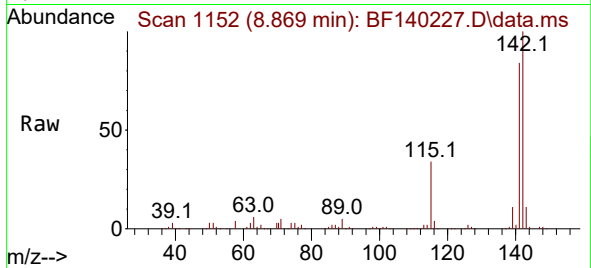




#37
2-Methylnaphthalene
Concen: 9.136 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

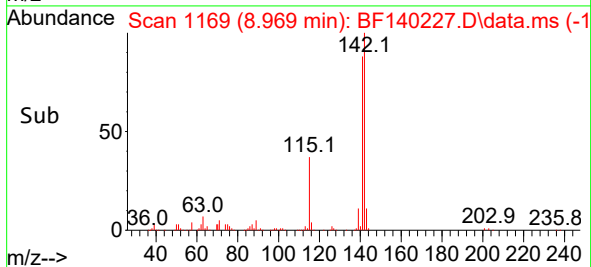
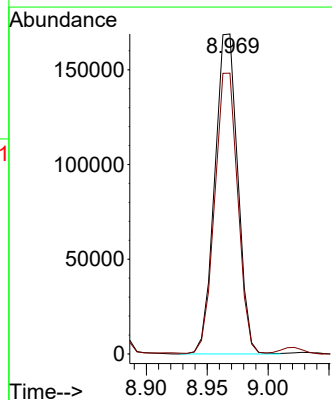
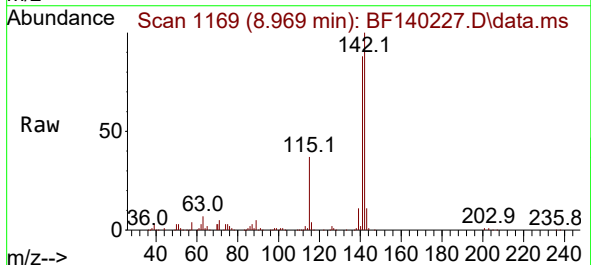
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

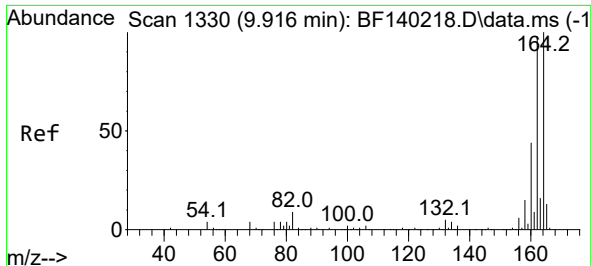
Tgt Ion:142 Resp: 239497
Ion Ratio Lower Upper
142 100
141 84.2 67.4 101.2



#38
1-Methylnaphthalene
Concen: 8.688 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:142 Resp: 222926
Ion Ratio Lower Upper
142 100
141 87.8 70.6 106.0

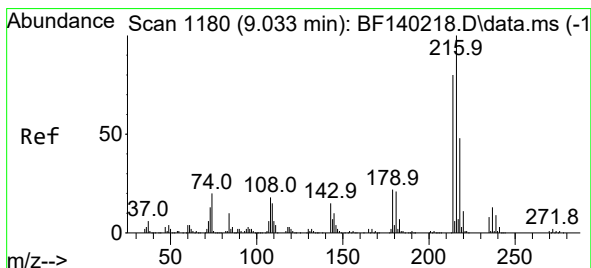
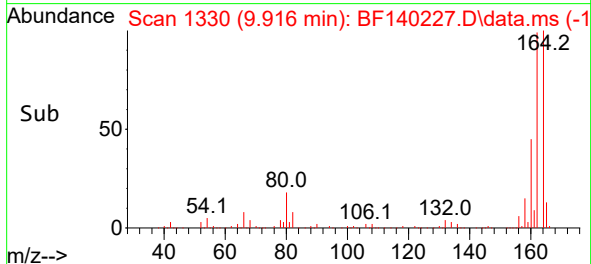
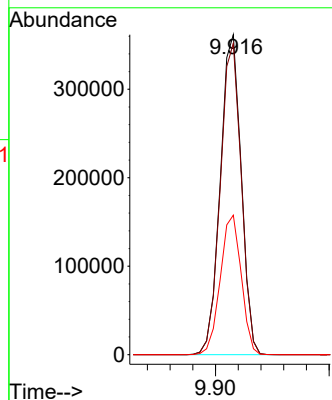
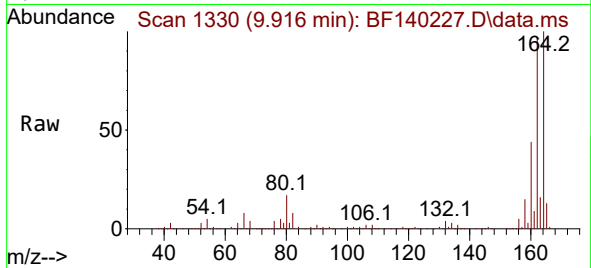




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

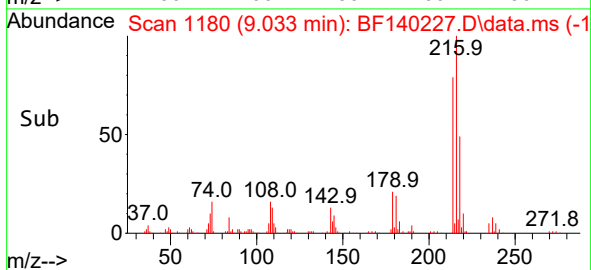
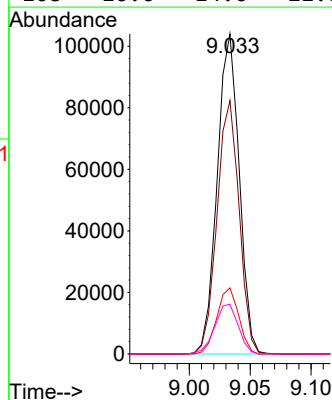
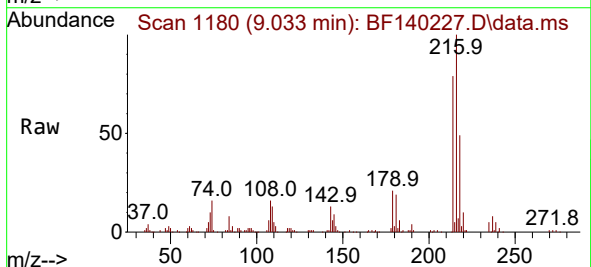
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

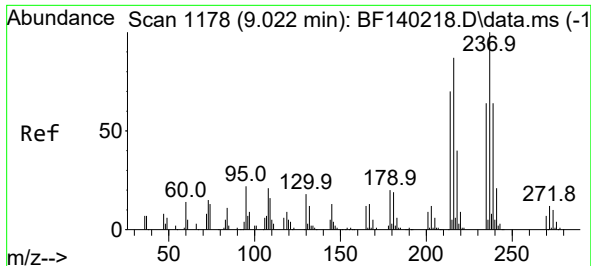
Tgt Ion:164 Resp: 463097
Ion Ratio Lower Upper
164 100
162 97.3 78.5 117.7
160 43.6 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.160 ng
RT: 9.033 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:216 Resp: 130923
Ion Ratio Lower Upper
216 100
214 79.5 63.3 94.9
179 20.6 17.2 25.8
108 16.6 14.6 21.8

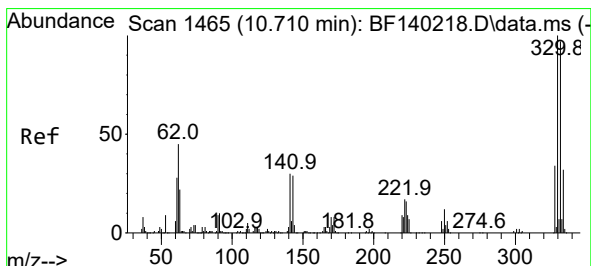
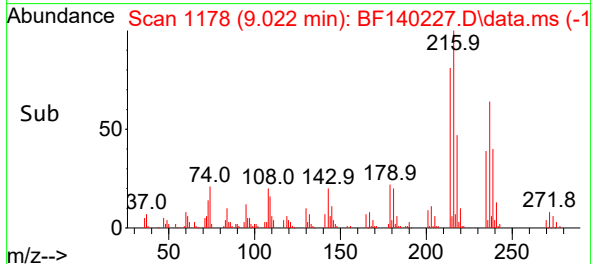
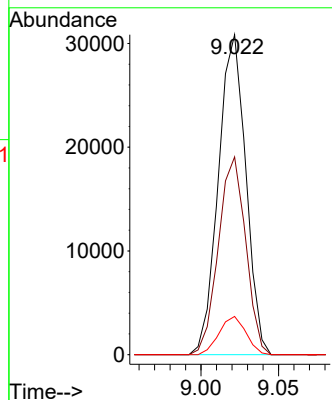
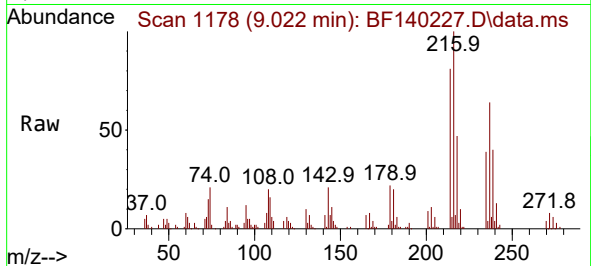




#41
Hexachlorocyclopentadiene
Concen: 9.698 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

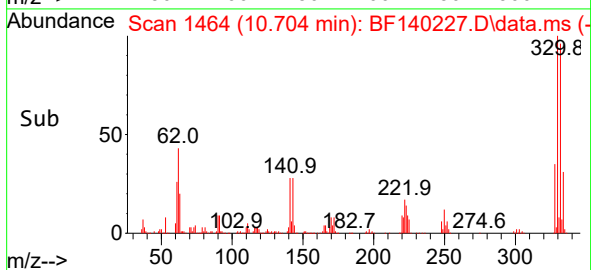
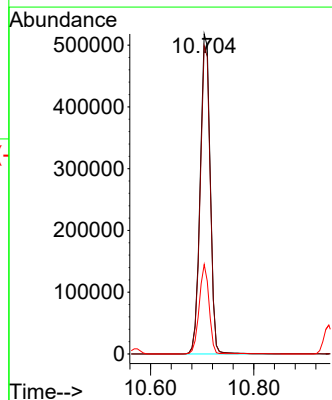
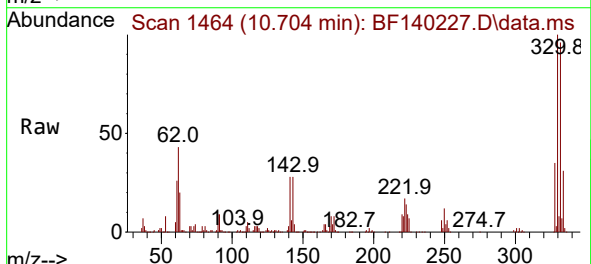
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BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

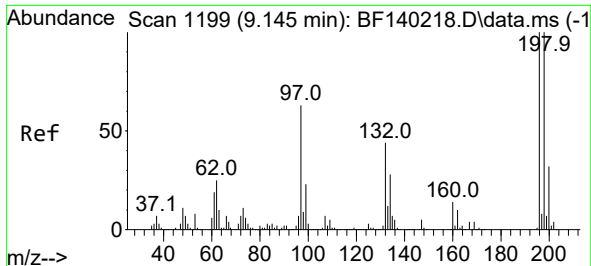
Tgt Ion:237 Resp: 38015
Ion Ratio Lower Upper
237 100
235 61.8 43.7 83.7
272 12.0 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 136.751 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:330 Resp: 698255
Ion Ratio Lower Upper
330 100
332 96.2 77.7 116.5
141 27.4 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 8.847 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF140227.D

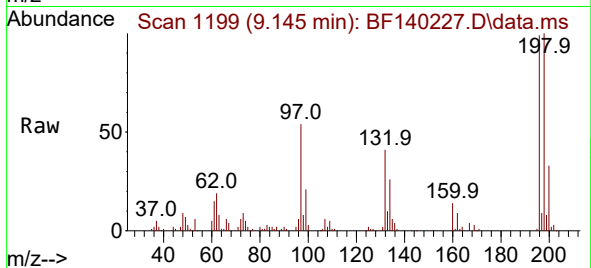
Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024



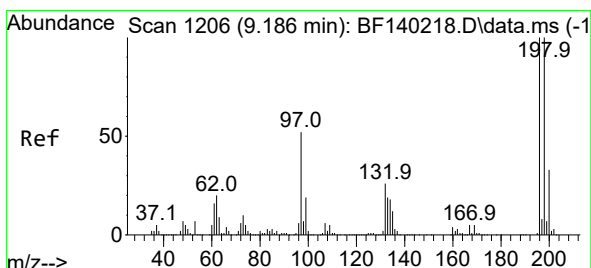
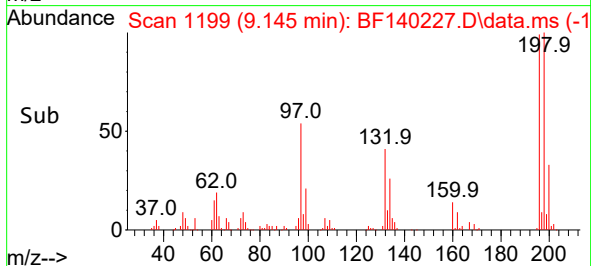
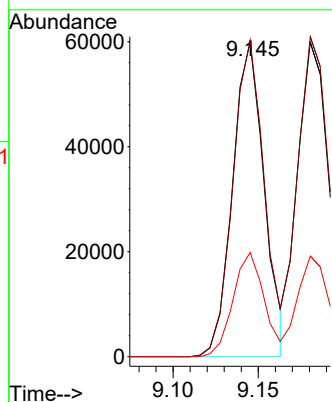
Tgt Ion:196 Resp: 77219

Ion Ratio Lower Upper

196 100

198 100.8 79.9 119.9

200 33.2 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 8.777 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Tgt Ion:196 Resp: 80040

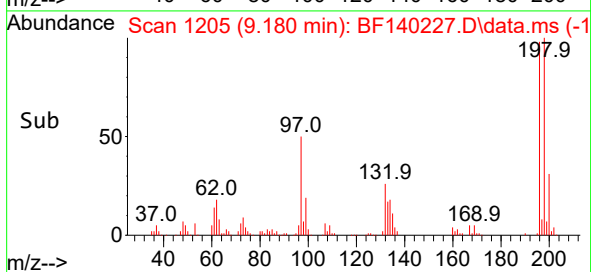
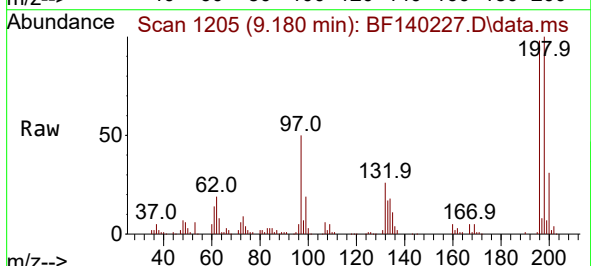
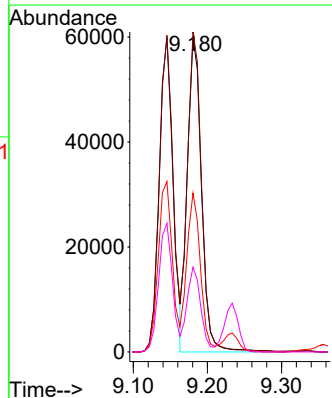
Ion Ratio Lower Upper

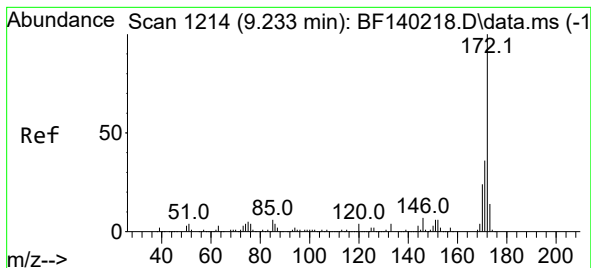
196 100

198 101.8 80.1 120.1

97 50.5 43.4 65.2

132 26.9 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 82.981 ng

RT: 9.233 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

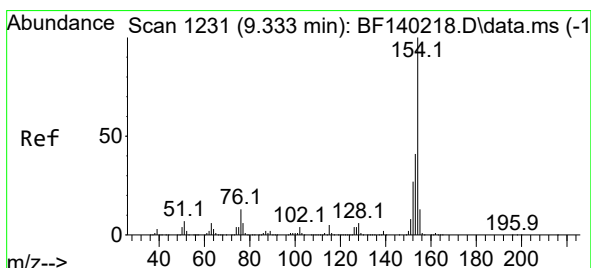
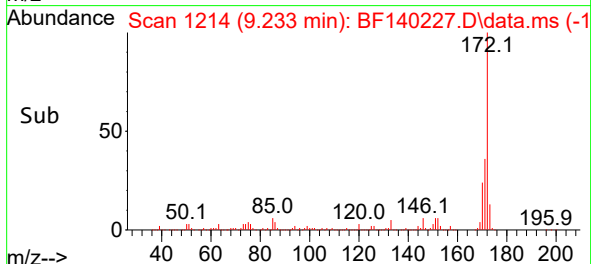
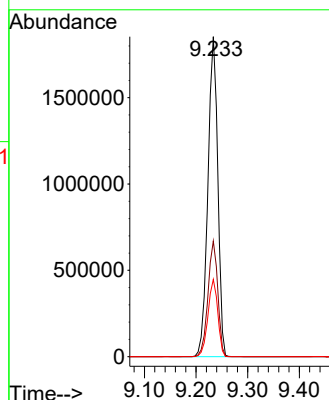
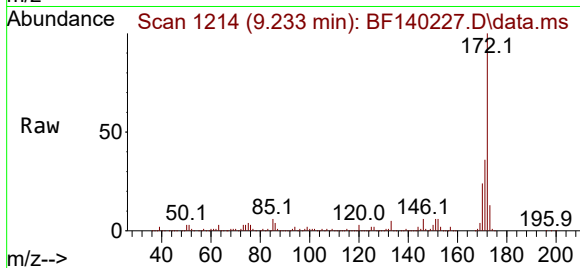
Tgt Ion:172 Resp: 2458521

Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 24.1 19.2 28.8



#46

1,1'-Biphenyl

Concen: 9.437 ng

RT: 9.333 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

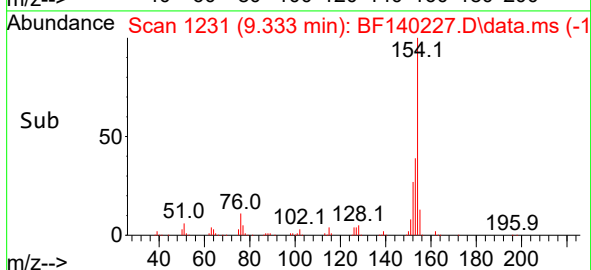
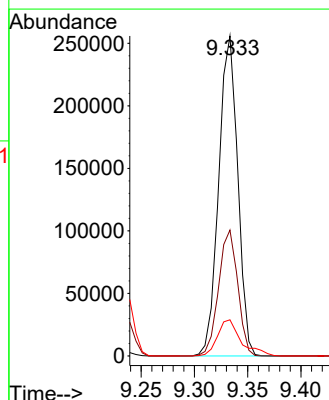
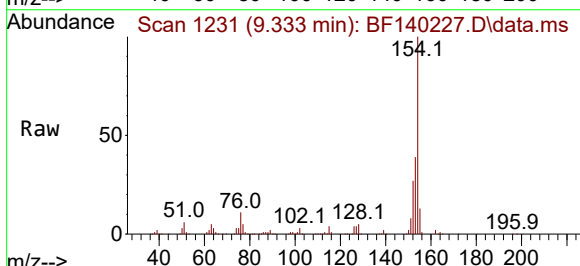
Tgt Ion:154 Resp: 317222

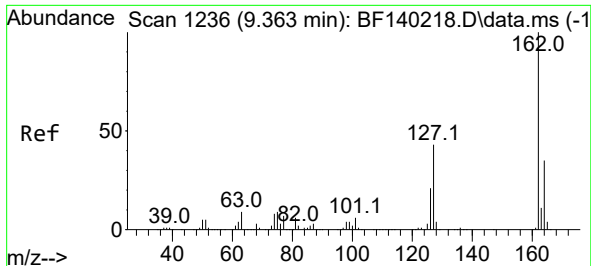
Ion Ratio Lower Upper

154 100

153 39.3 20.6 60.6

76 11.3 0.0 32.7





#47

2-Chloronaphthalene

Concen: 9.004 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

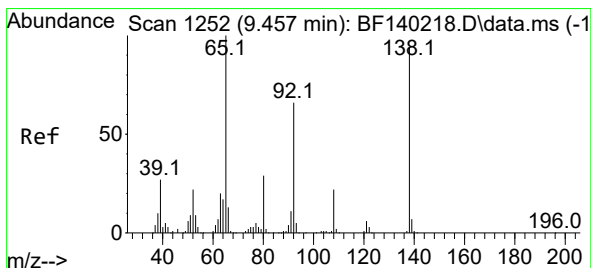
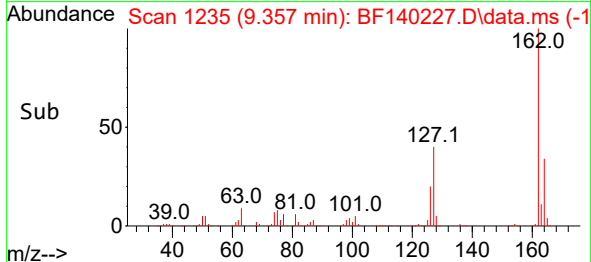
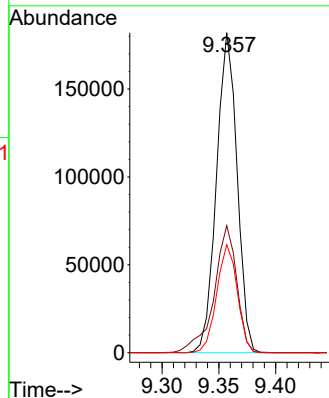
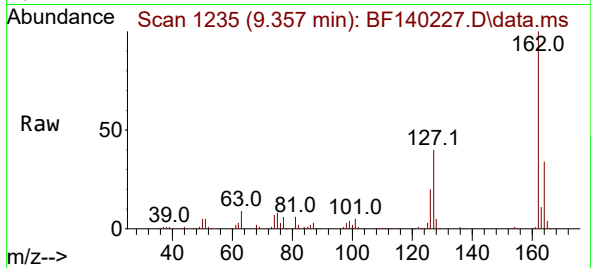
Tgt Ion:162 Resp: 229641

Ion Ratio Lower Upper

162 100

127 39.7 34.2 51.2

164 33.8 27.7 41.5



#48

2-Nitroaniline

Concen: 8.159 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

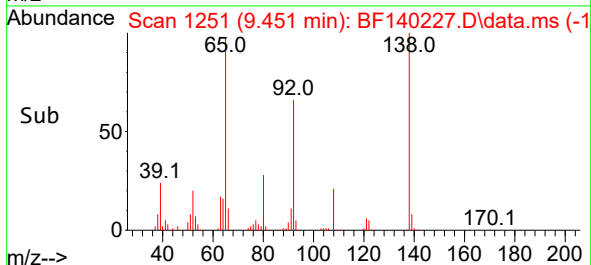
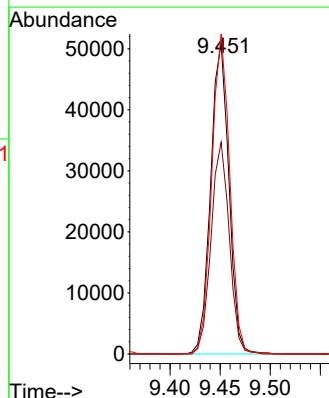
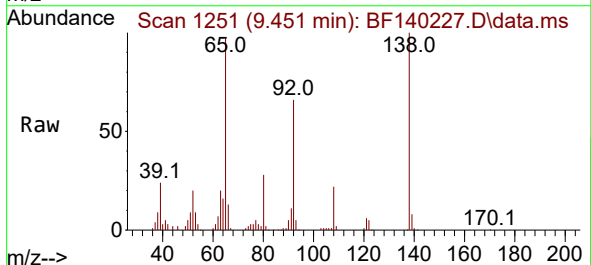
Tgt Ion: 65 Resp: 64683

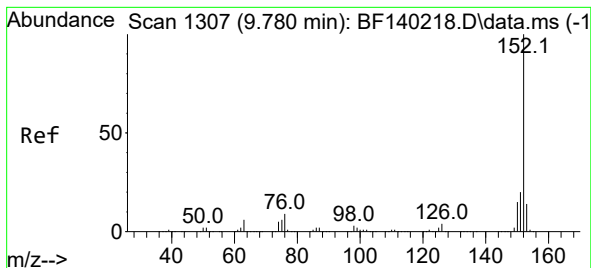
Ion Ratio Lower Upper

65 100

92 68.2 52.5 78.7

138 103.0 75.4 113.0





#49

Acenaphthylene

Concen: 10.117 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140227.D

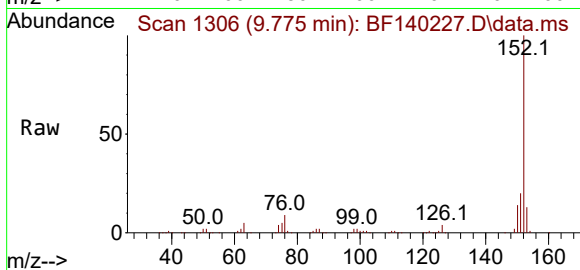
Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024



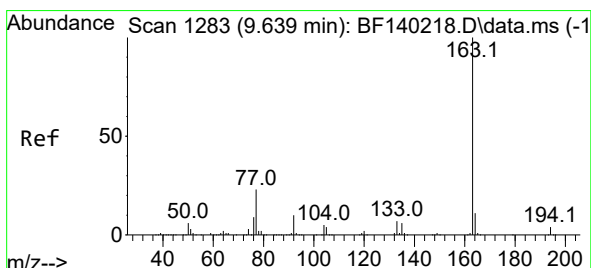
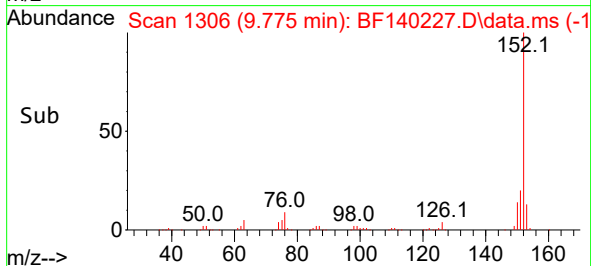
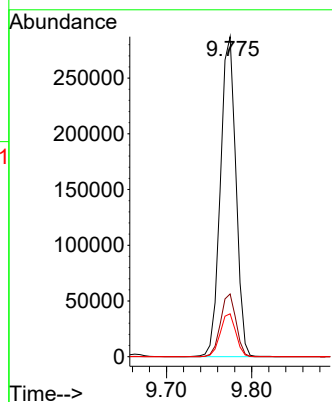
Tgt Ion:152 Resp: 363176

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

153 13.4 11.3 16.9



#50

Dimethylphthalate

Concen: 9.251 ng

RT: 9.627 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

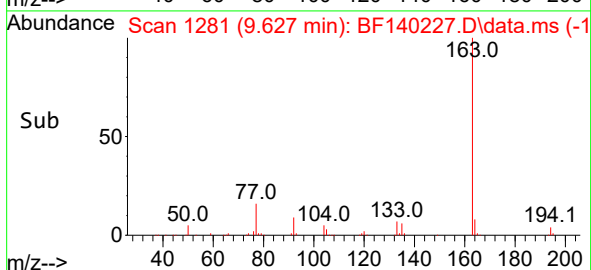
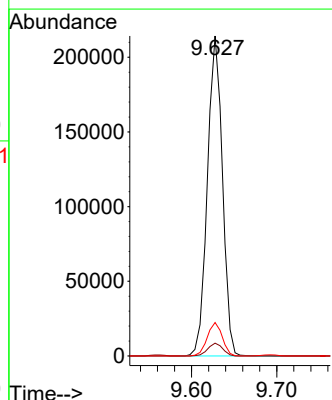
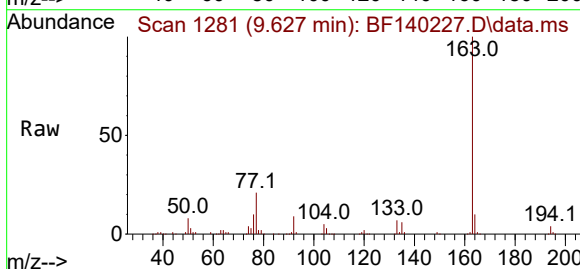
Tgt Ion:163 Resp: 262719

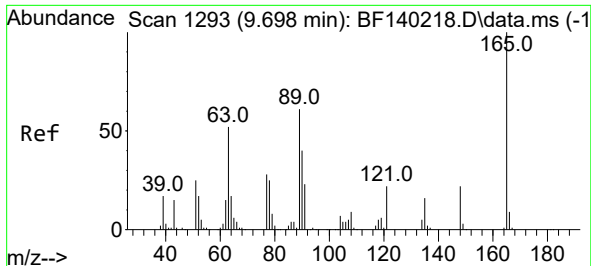
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.5 8.6 12.8

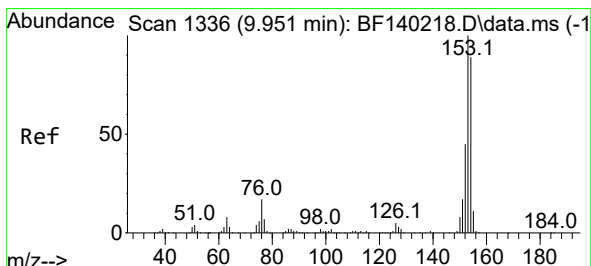
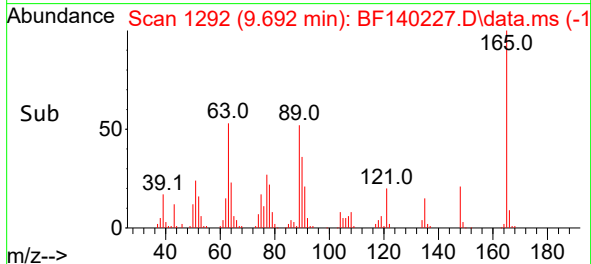
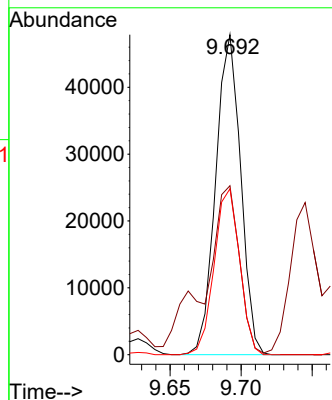
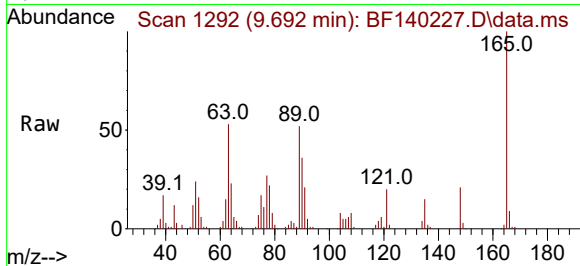




#51
2,6-Dinitrotoluene
Concen: 8.643 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

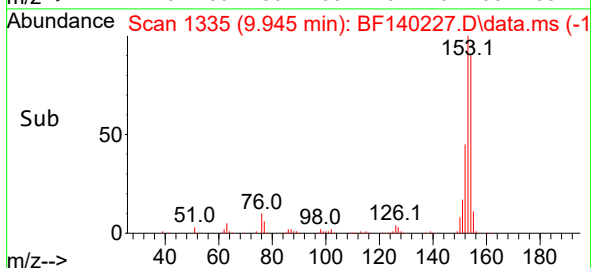
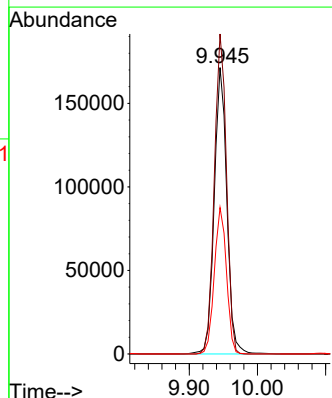
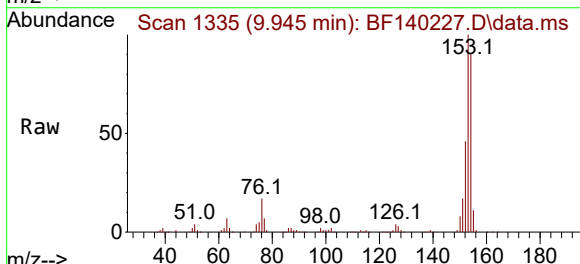
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

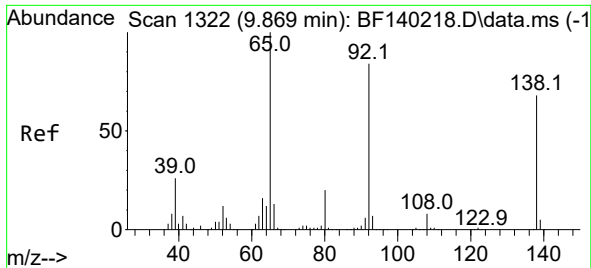
Tgt Ion:165 Resp: 58490
Ion Ratio Lower Upper
165 100
63 52.8 50.7 76.1
89 51.8 49.2 73.8



#52
Acenaphthene
Concen: 8.639 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:154 Resp: 221044
Ion Ratio Lower Upper
154 100
153 111.7 90.4 135.6
152 51.1 41.0 61.6

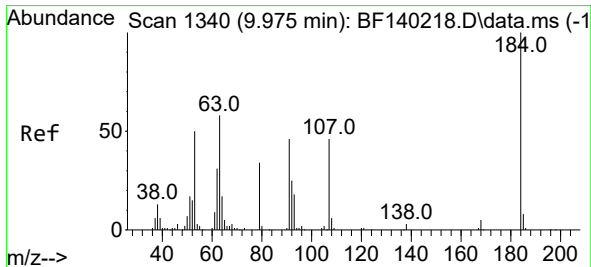
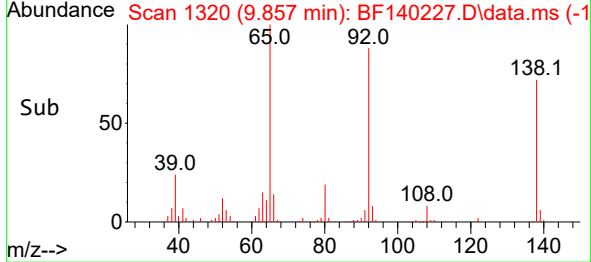
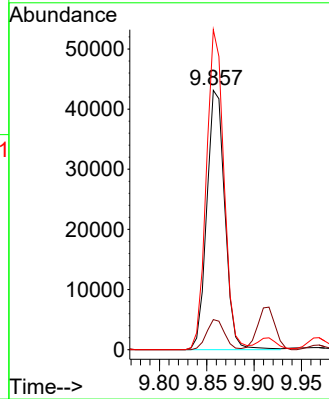
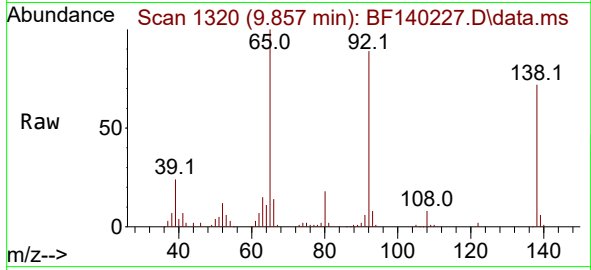




#53
3-Nitroaniline
Concen: 9.235 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

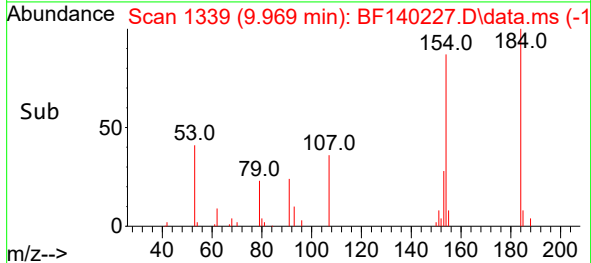
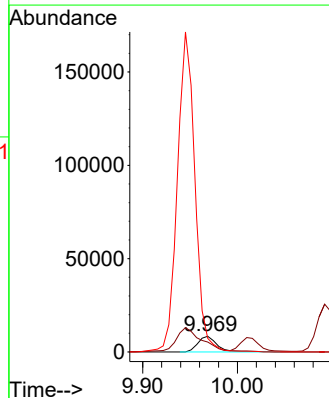
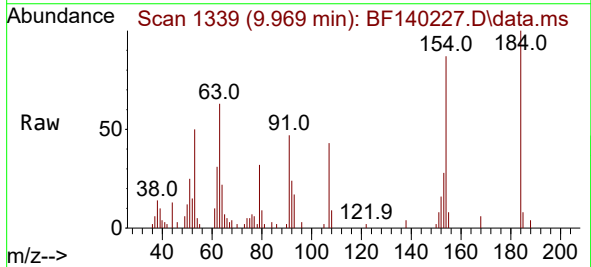
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

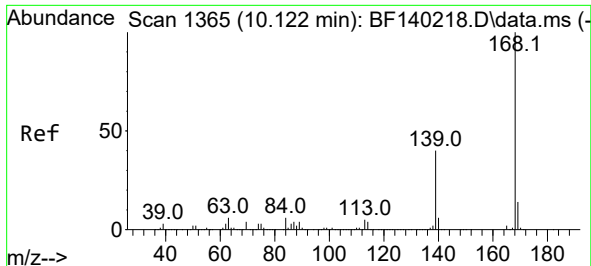
Tgt Ion:138 Resp: 57028
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 123.3 99.6 149.4



#54
2,4-Dinitrophenol
Concen: 9.607 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:184 Resp: 12093
Ion Ratio Lower Upper
184 100
63 63.4 55.0 82.4
154 86.9 58.6 87.8

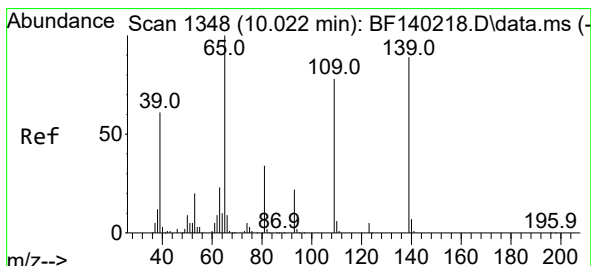
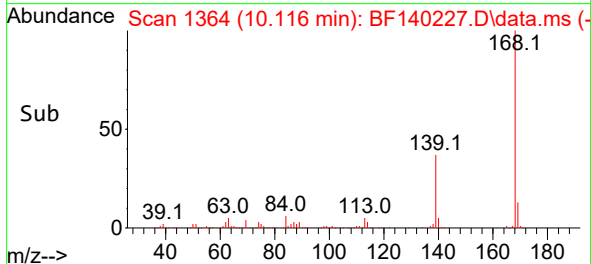
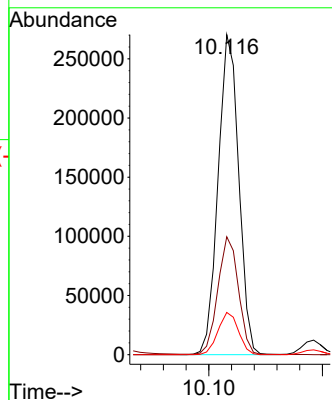
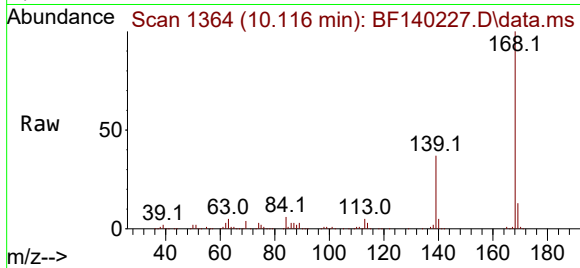




#55
Dibenzofuran
Concen: 9.461 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

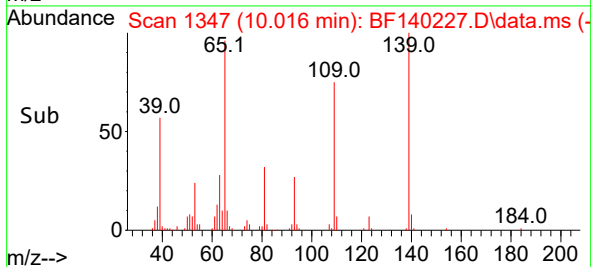
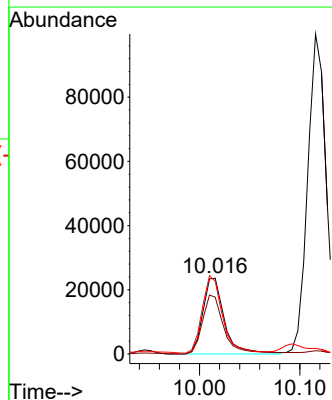
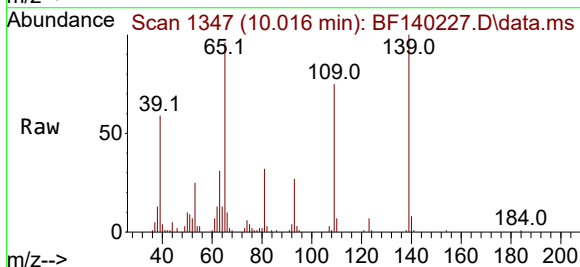
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

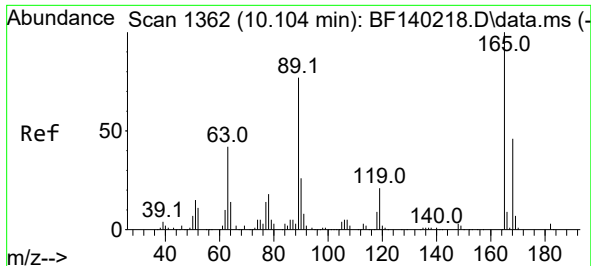
Tgt Ion:168 Resp: 341925
Ion Ratio Lower Upper
168 100
139 36.9 32.0 48.0
169 13.2 11.0 16.4



#56
4-Nitrophenol
Concen: 7.717 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:139 Resp: 35262
Ion Ratio Lower Upper
139 100
109 74.9 68.1 108.1
65 95.9 93.8 133.8

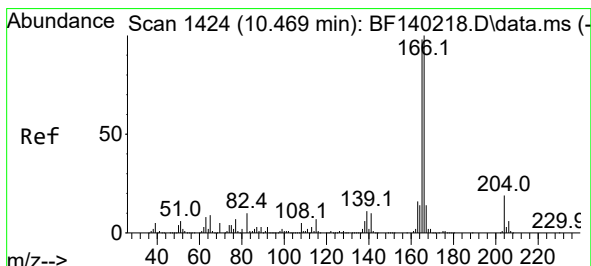
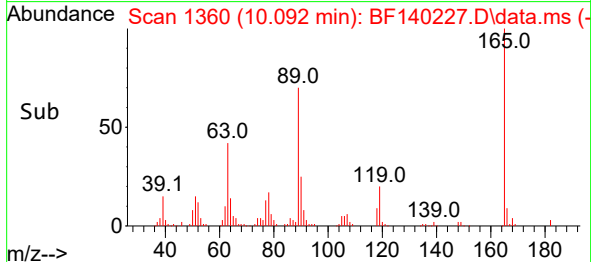
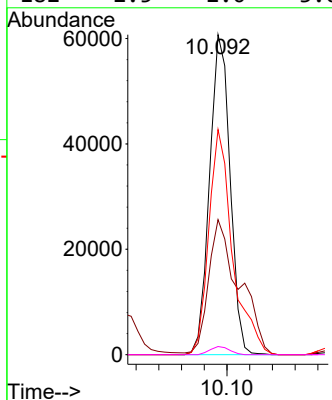
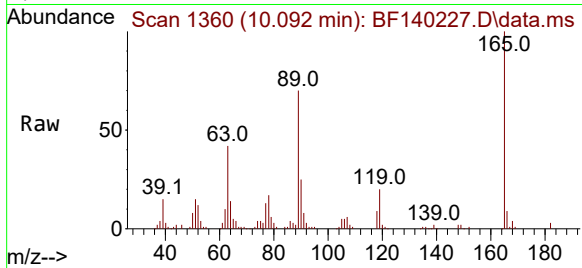




#57
2,4-Dinitrotoluene
Concen: 8.592 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

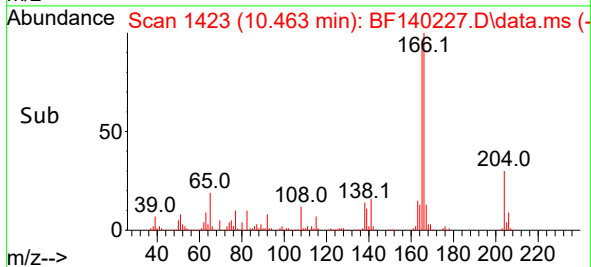
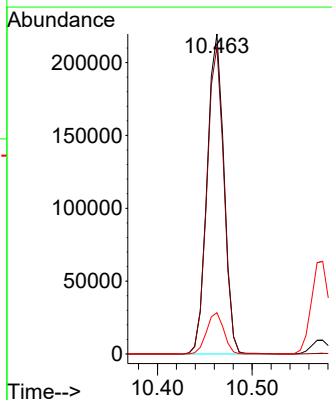
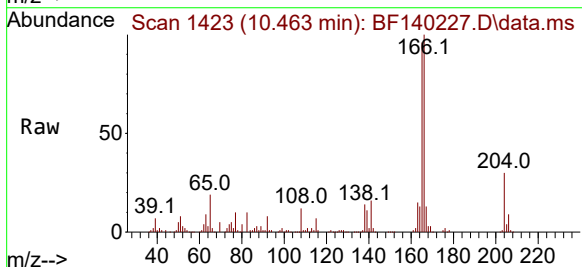
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

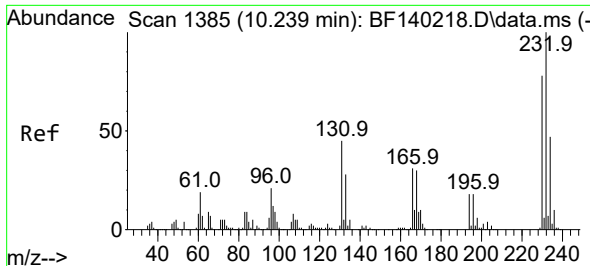
Tgt Ion:165	Resp:	76114
Ion Ratio	Lower	Upper
165	100	
63	42.2	39.7 59.5
89	70.4	61.4 92.0
182	2.5	2.0 3.0



#58
Fluorene
Concen: 9.411 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:166	Resp:	272010
Ion Ratio	Lower	Upper
166	100	
165	96.0	78.6 117.8
167	12.9	10.9 16.3

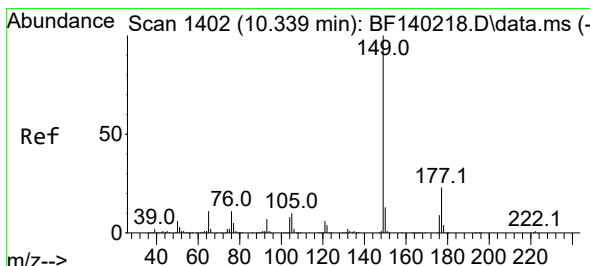
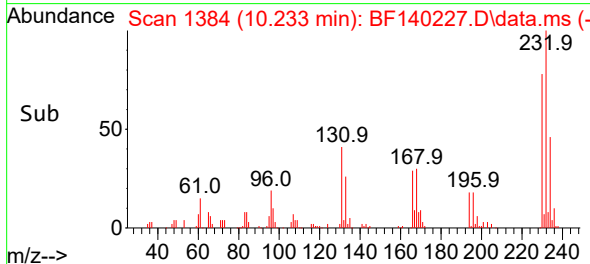
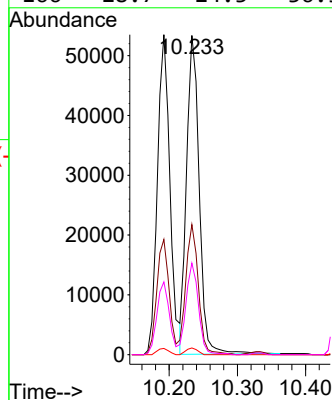
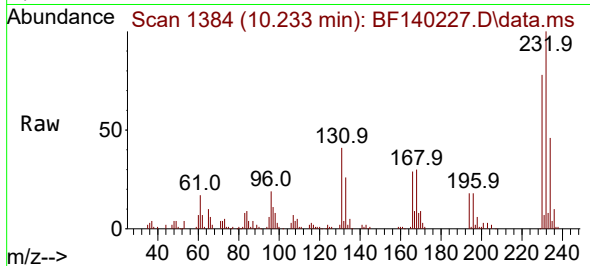




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.028 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

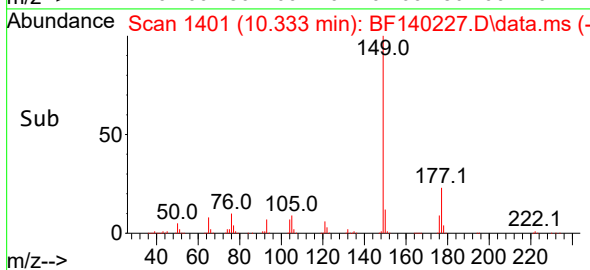
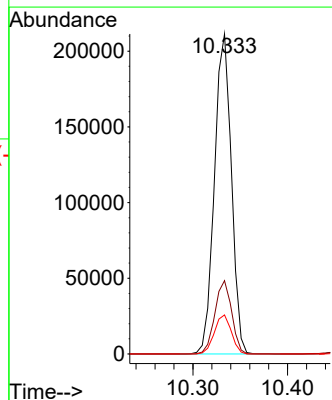
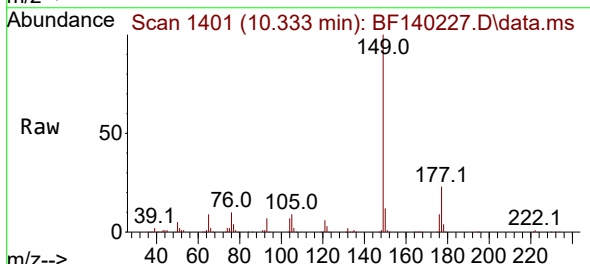
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

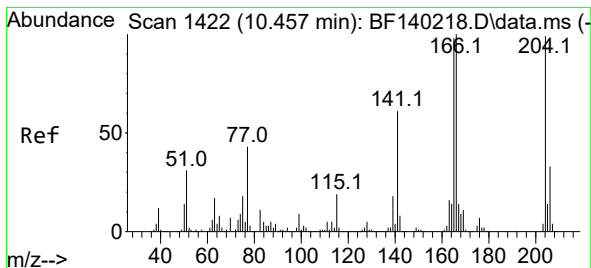
Tgt Ion:232 Resp: 68207
Ion Ratio Lower Upper
232 100
131 41.1 35.4 53.2
130 1.9 1.8 2.8
166 28.7 24.3 36.5



#60
Diethylphthalate
Concen: 9.066 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:149 Resp: 262266
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.2
150 12.2 10.2 15.2

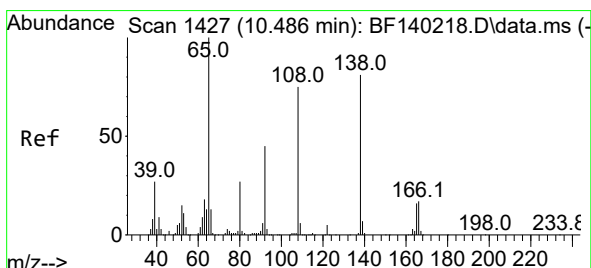
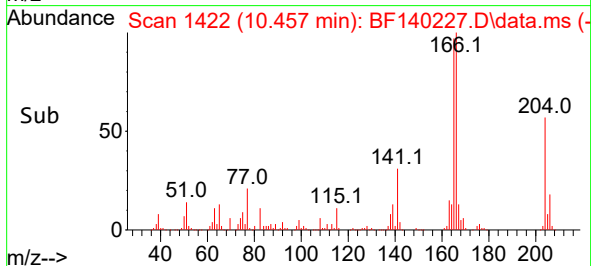
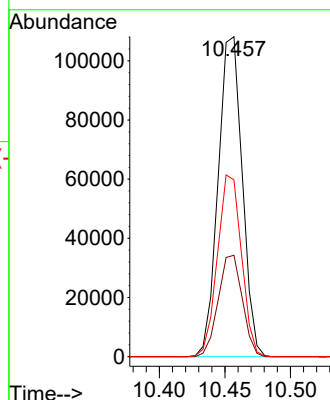
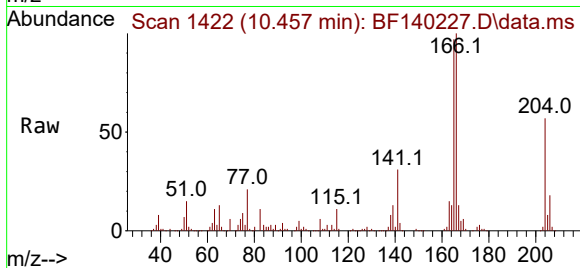




#61
4-Chlorophenyl-phenylether
Concen: 9.293 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

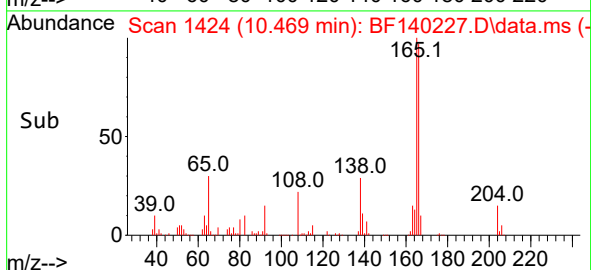
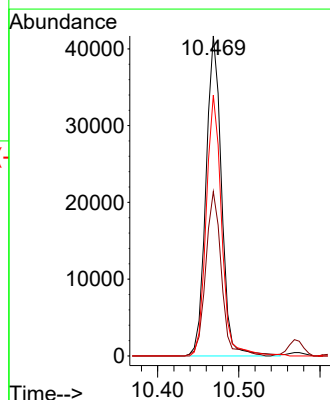
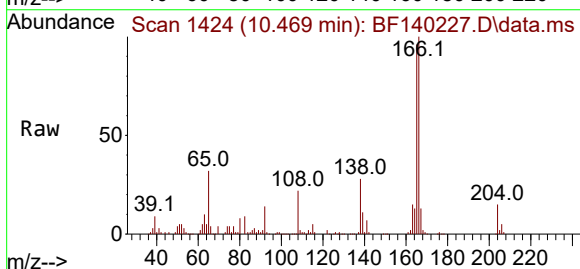
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

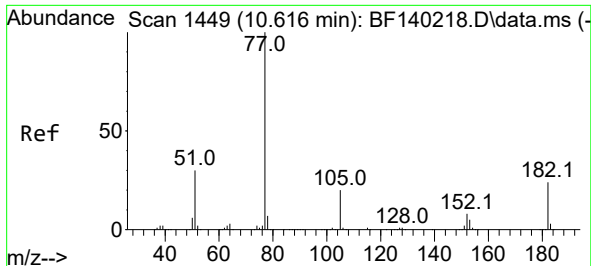
Tgt Ion:204 Resp: 138205
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 55.3 49.3 73.9



#62
4-Nitroaniline
Concen: 8.836 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.018 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:138 Resp: 55471
Ion Ratio Lower Upper
138 100
92 51.3 35.3 75.3
108 81.5 73.1 113.1

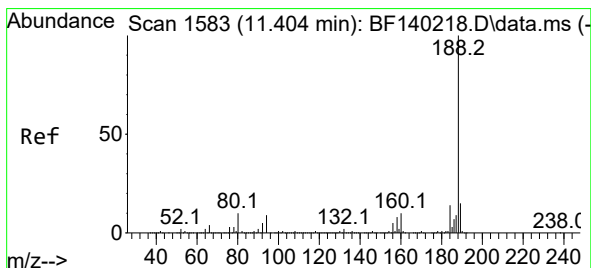
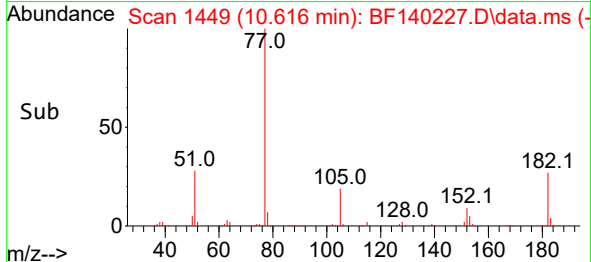
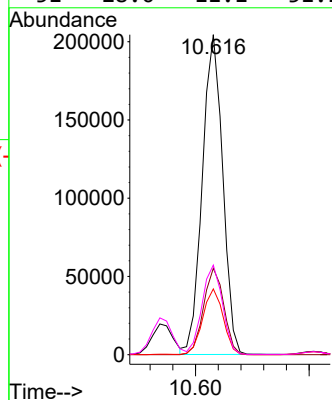
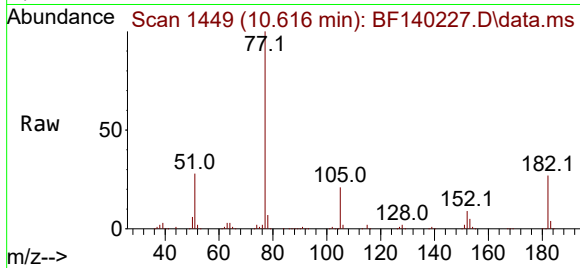




#63
Azobenzene
Concen: 8.685 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

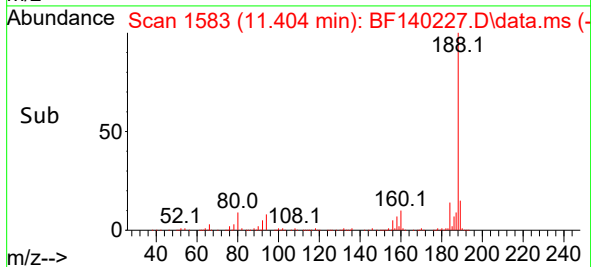
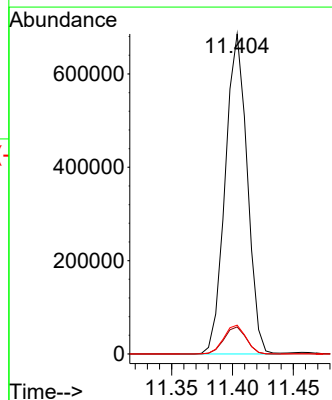
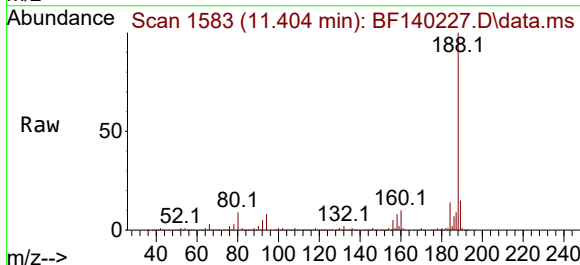
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

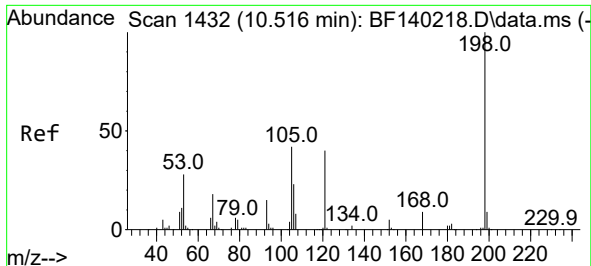
Tgt Ion:	77	Resp:	254794
Ion	Ratio	Lower	Upper
77	100		
182	27.0	4.0	44.0
105	20.5	0.0	39.5
51	28.0	11.1	51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:	188	Resp:	860472
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	9.0	7.9	11.9

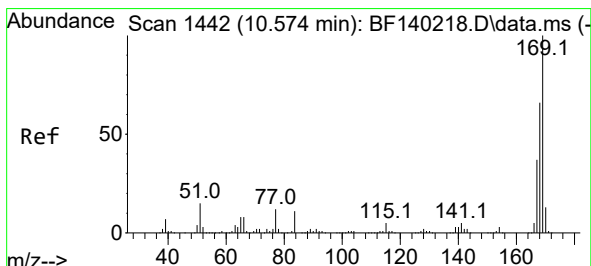
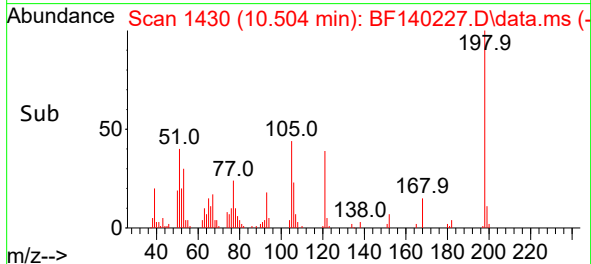
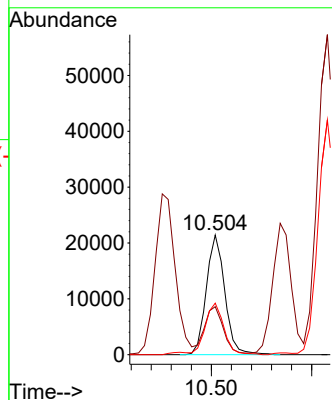
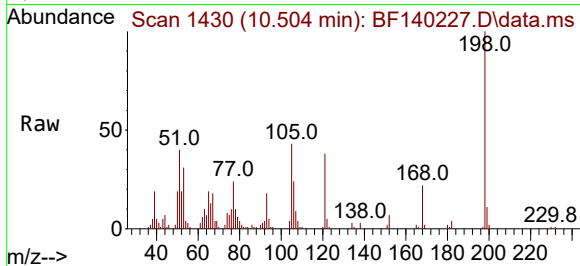




#65
4,6-Dinitro-2-methylphenol
Concen: 6.110 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

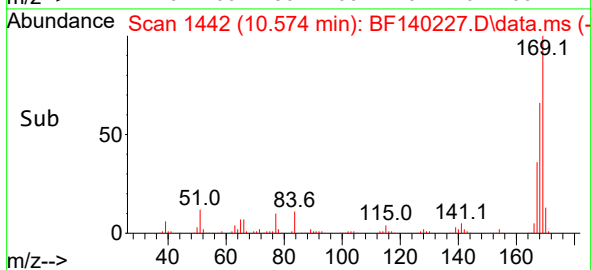
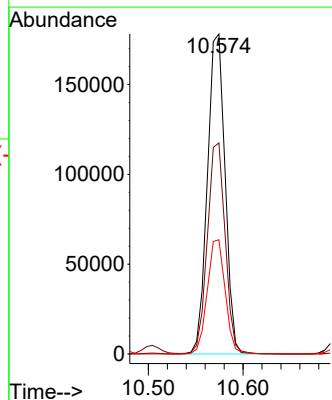
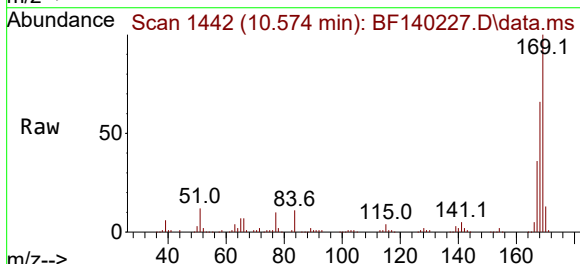
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

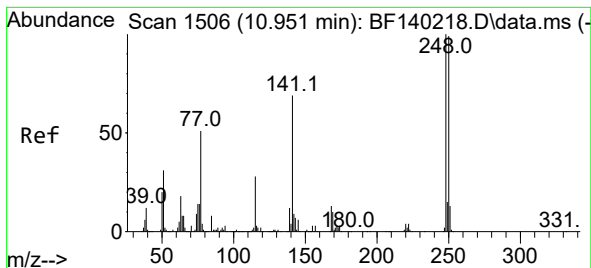
Tgt Ion:198 Resp: 27530
Ion Ratio Lower Upper
198 100
51 40.2 25.4 65.4
105 43.1 22.3 62.3



#66
n-Nitrosodiphenylamine
Concen: 9.289 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:169 Resp: 230223
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.4
167 35.7 29.3 43.9

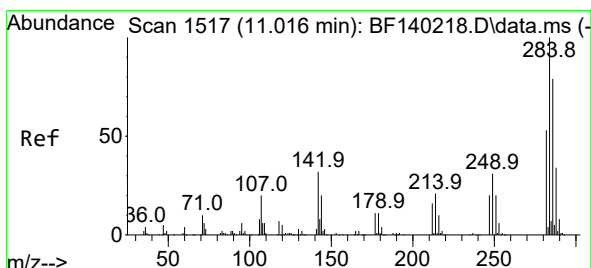
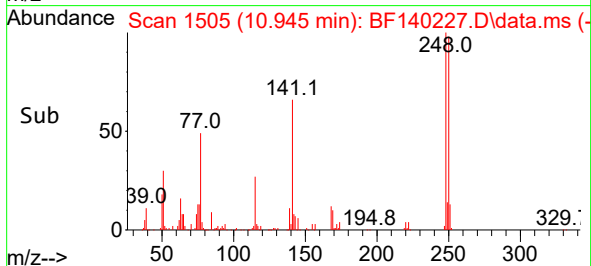
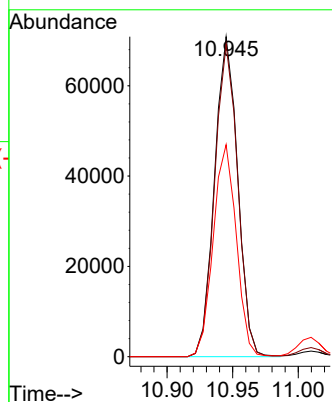
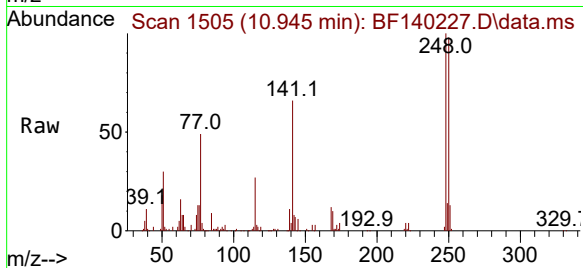




#67
4-Bromophenyl-phenylether
Concen: 8.978 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

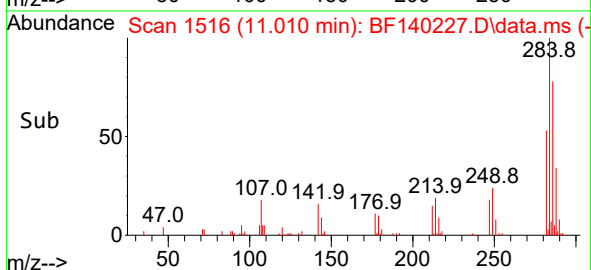
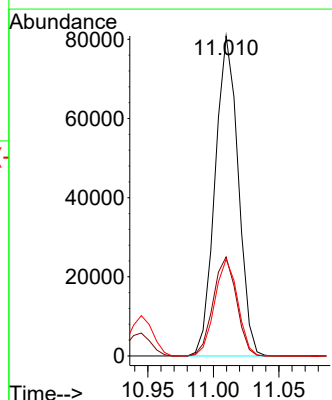
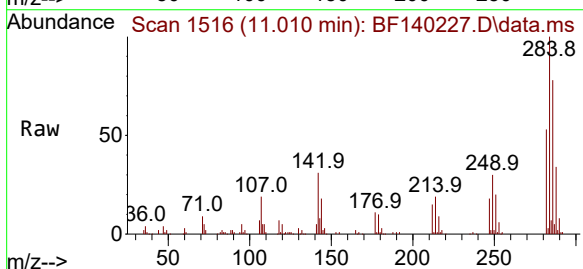
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

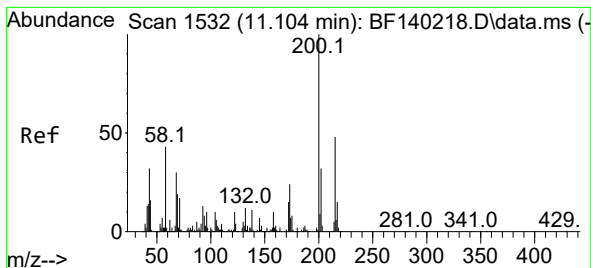
Tgt Ion:248 Resp: 87001
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.4
141 66.3 55.0 82.6



#68
Hexachlorobenzene
Concen: 9.062 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:284 Resp: 99096
Ion Ratio Lower Upper
284 100
142 31.0 26.2 39.2
249 30.2 25.4 38.0





#69

Atrazine

Concen: 11.425 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

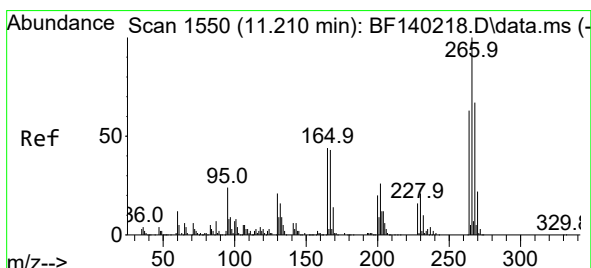
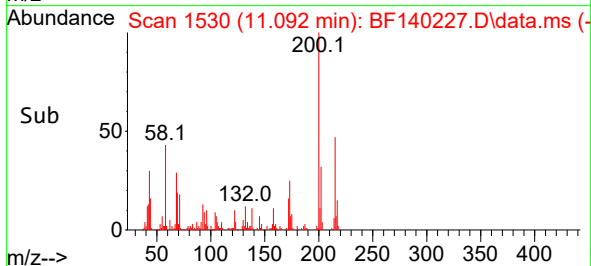
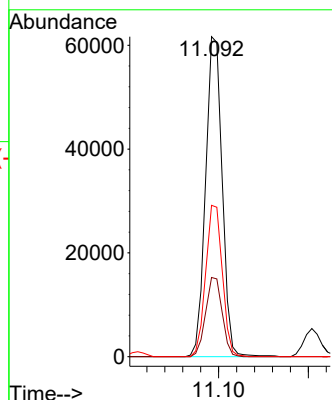
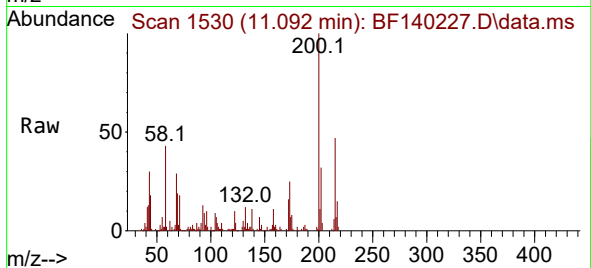
Tgt Ion:200 Resp: 79219

Ion Ratio Lower Upper

200 100

173 24.7 3.9 43.9

215 47.3 27.6 67.6



#70

Pentachlorophenol

Concen: 6.780 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

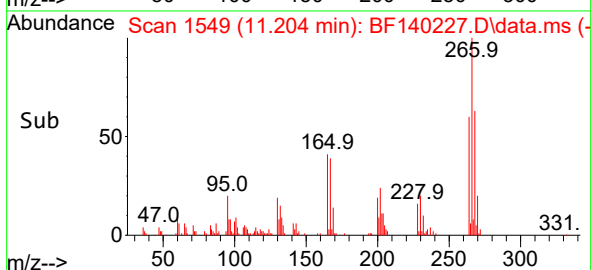
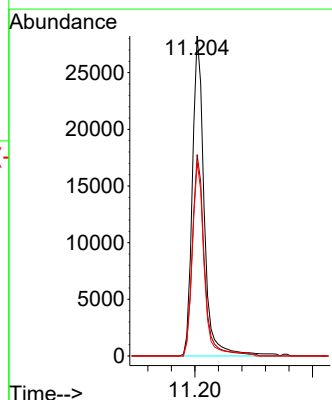
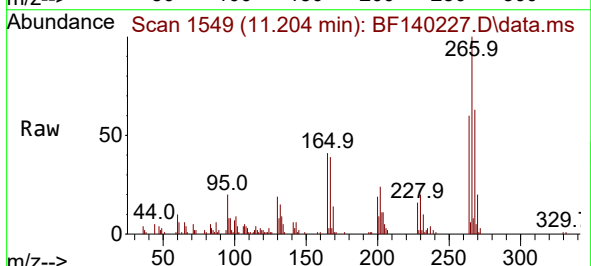
Tgt Ion:266 Resp: 39489

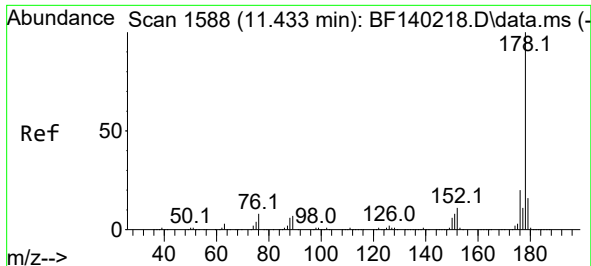
Ion Ratio Lower Upper

266 100

268 62.9 53.9 80.9

264 60.5 50.3 75.5

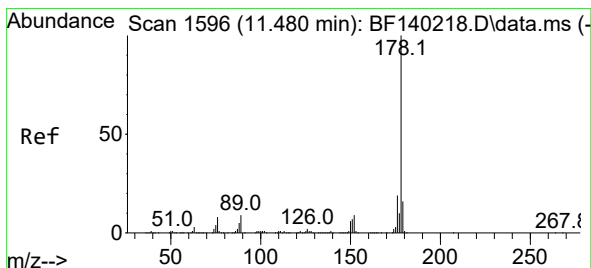
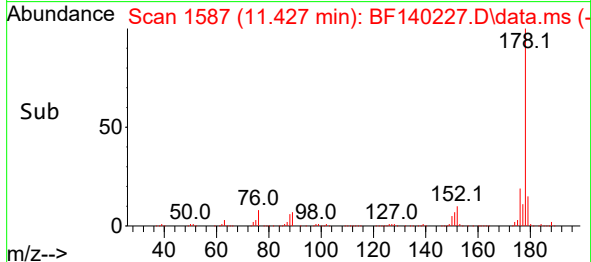
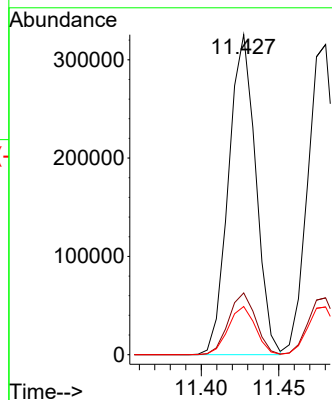
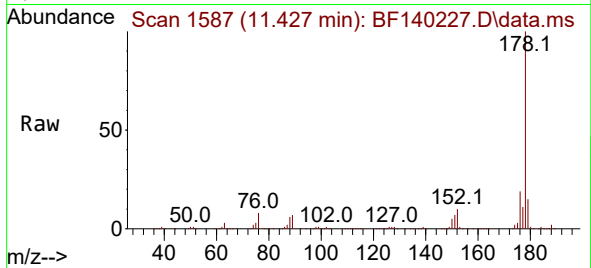




#71
Phenanthrene
Concen: 9.491 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

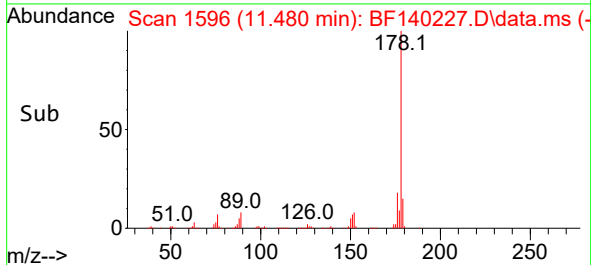
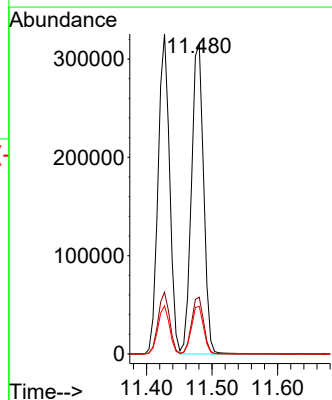
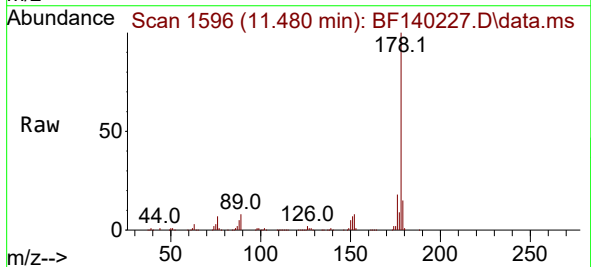
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2024

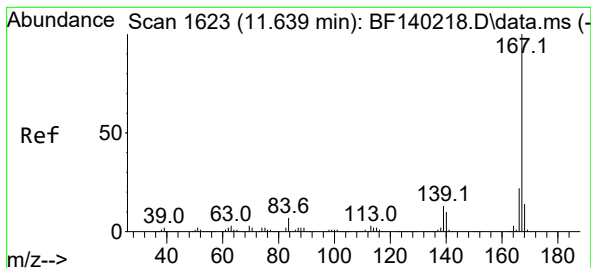
Tgt Ion:178 Resp: 396987
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.0 12.6 18.8



#72
Anthracene
Concen: 9.896 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:178 Resp: 405653
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.4 12.6 19.0





#73

Carbazole

Concen: 9.158 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

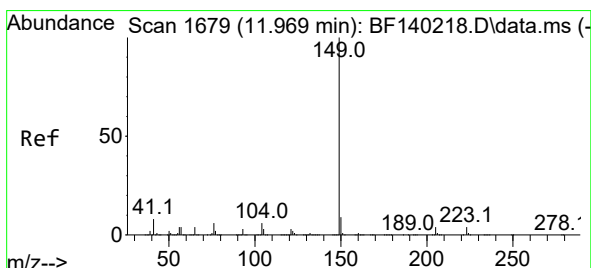
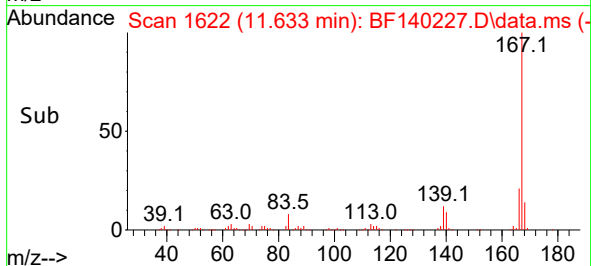
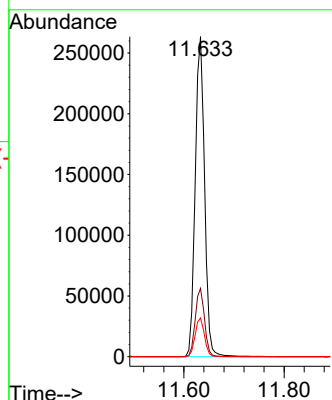
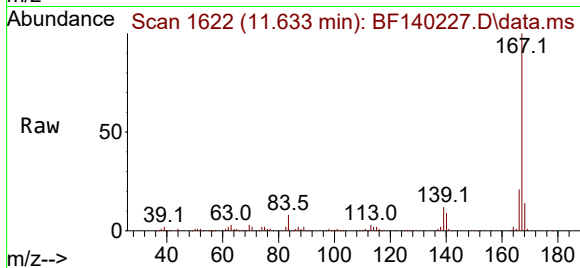
Tgt Ion:167 Resp: 340463

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 12.1 10.4 15.6



#74

Di-n-butylphthalate

Concen: 9.105 ng

RT: 11.963 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

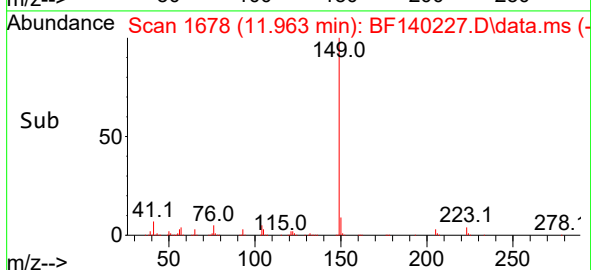
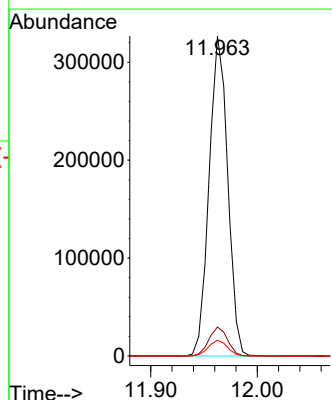
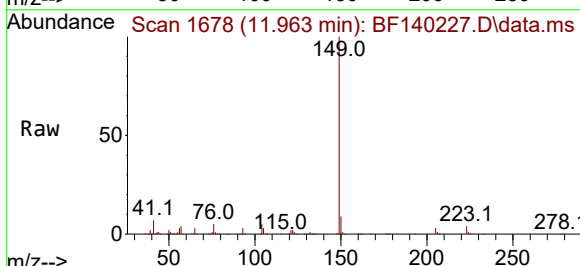
Tgt Ion:149 Resp: 397026

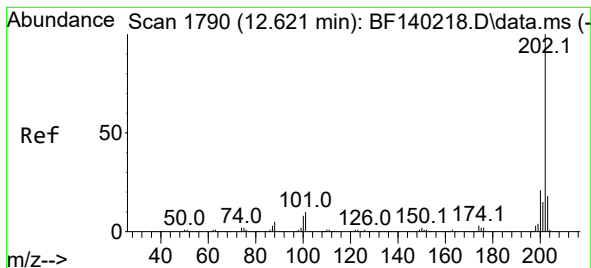
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 5.0 4.6 6.8





#75

Fluoranthene

Concen: 9.323 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

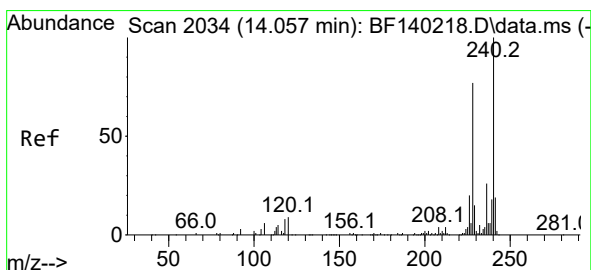
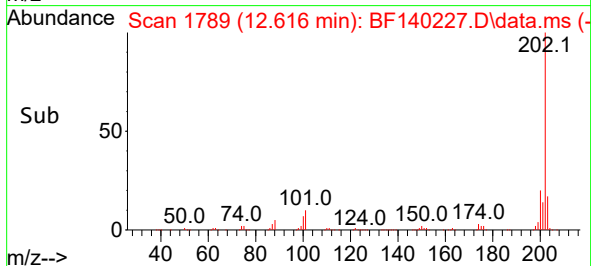
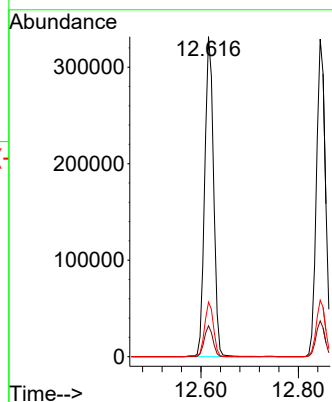
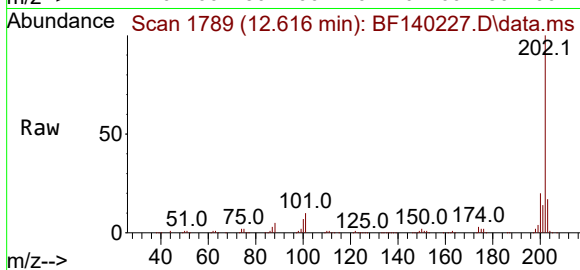
Tgt Ion:202 Resp: 417694

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.6

203 17.1 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

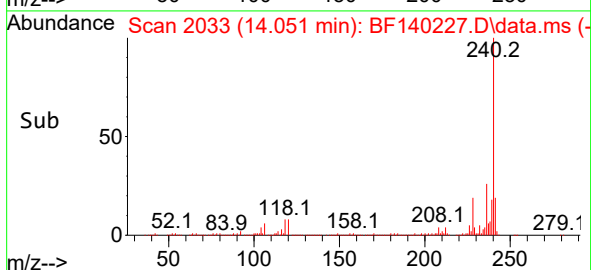
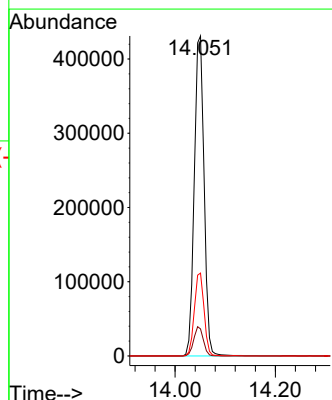
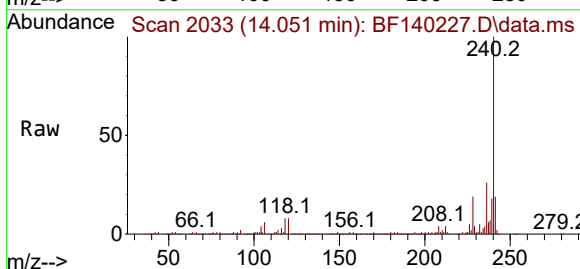
Tgt Ion:240 Resp: 583645

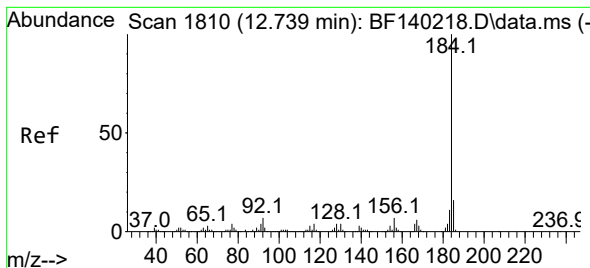
Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.4

236 25.9 20.6 30.8





#77

Benzidine

Concen: 11.193 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

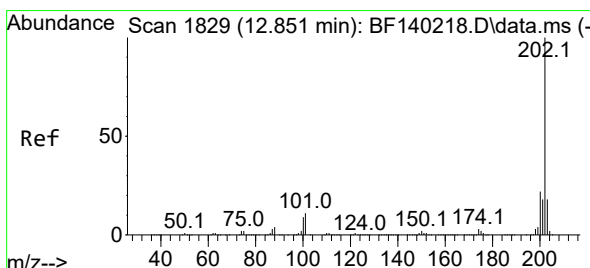
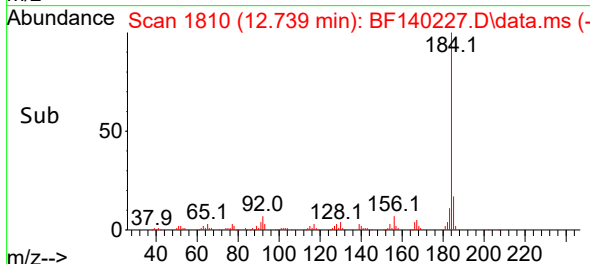
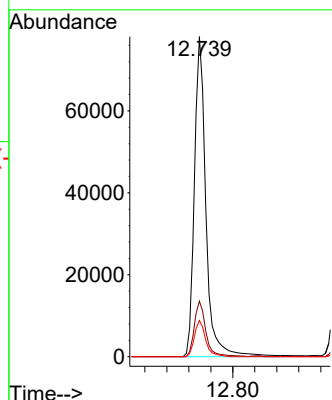
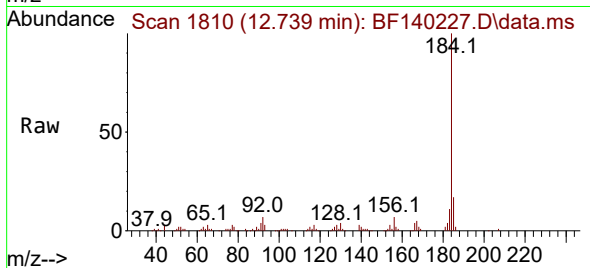
Tgt Ion:184 Resp: 113315

Ion Ratio Lower Upper

184 100

185 17.3 12.4 18.6

183 11.3 9.0 13.6



#78

Pyrene

Concen: 8.795 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

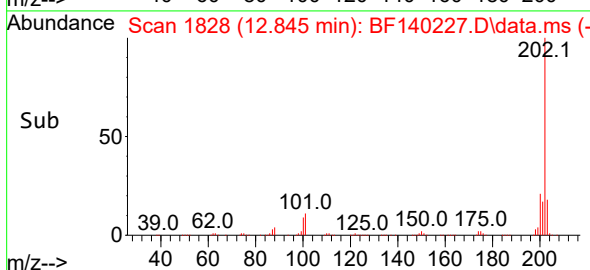
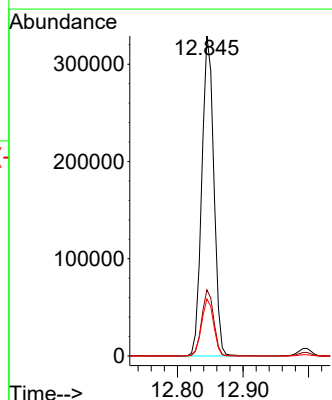
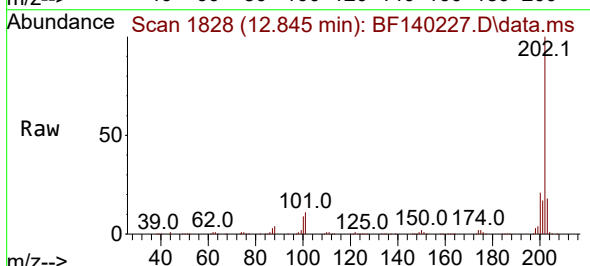
Tgt Ion:202 Resp: 421542

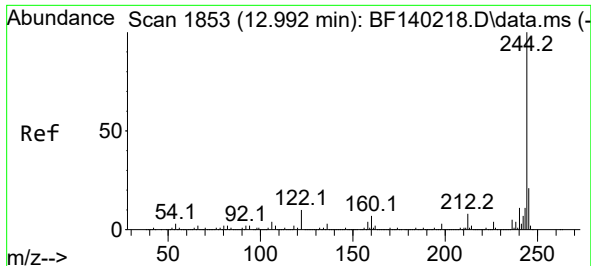
Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.0

203 17.8 14.5 21.7

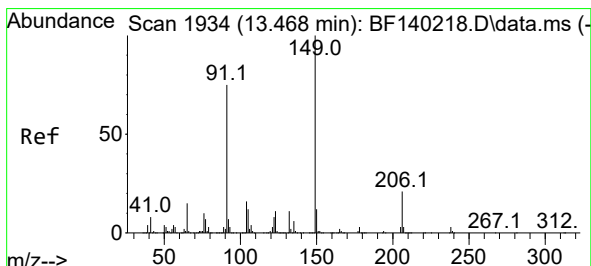
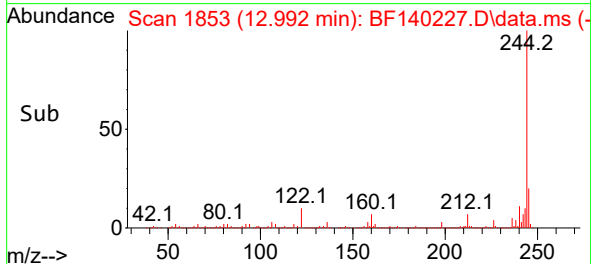
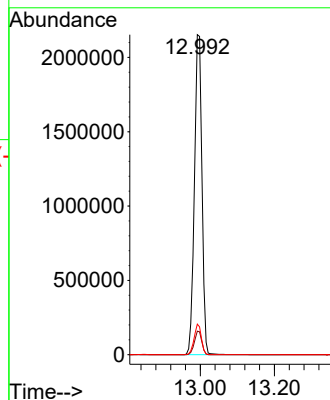
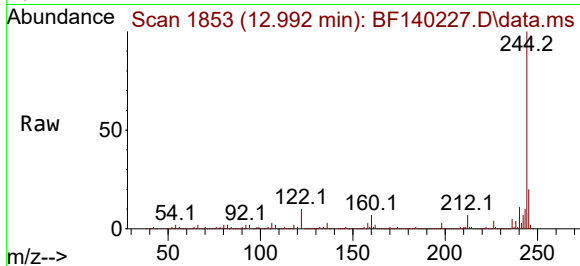




#79
 Terphenyl-d14
 Concen: 83.054 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: BF140227.D
 Acq: 04 Nov 2024 19:07

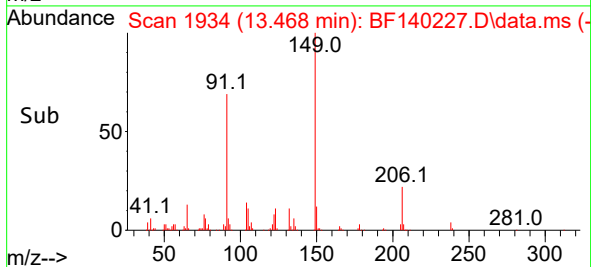
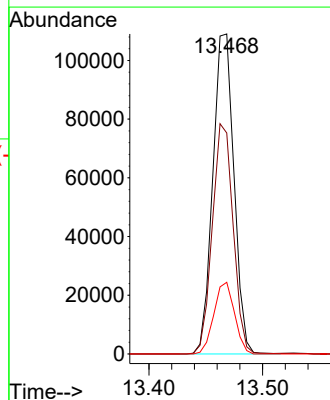
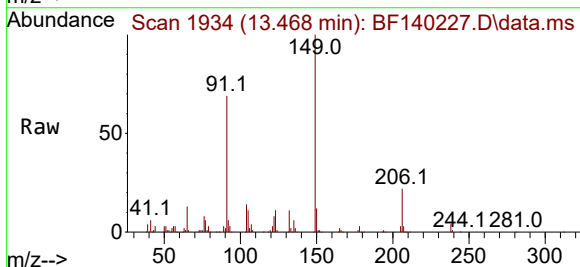
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2024

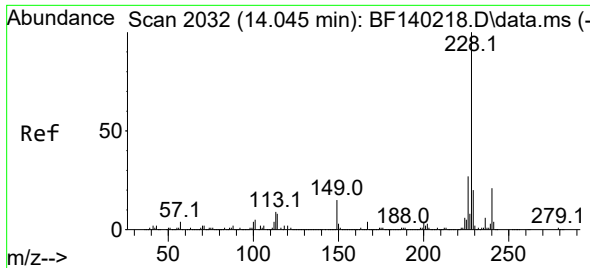
Tgt Ion:244 Resp: 3038202
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 9.6 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 8.397 ng
 RT: 13.468 min Scan# 1934
 Delta R.T. 0.000 min
 Lab File: BF140227.D
 Acq: 04 Nov 2024 19:07

Tgt Ion:149 Resp: 141160
 Ion Ratio Lower Upper
 149 100
 91 69.0 59.9 89.9
 206 22.4 16.7 25.1

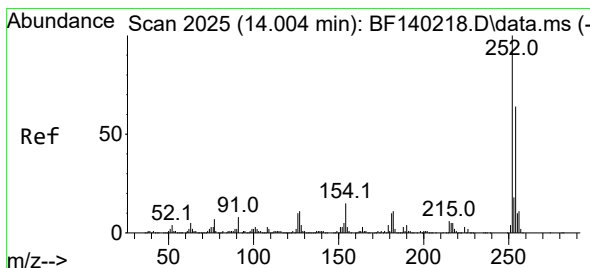
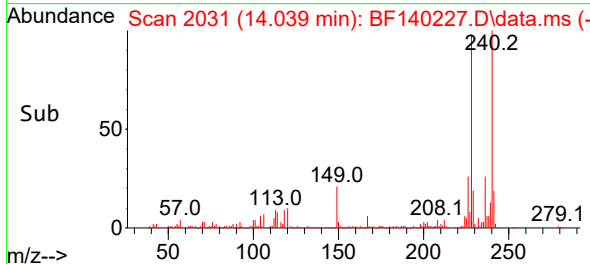
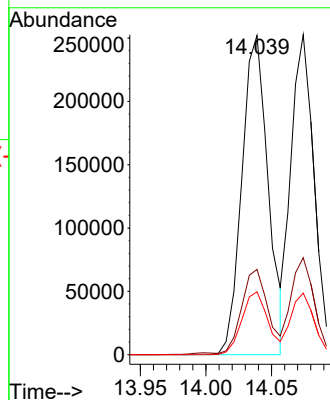
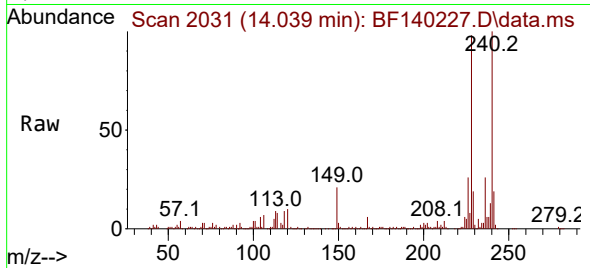




#81
Benzo(a)anthracene
Concen: 9.201 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

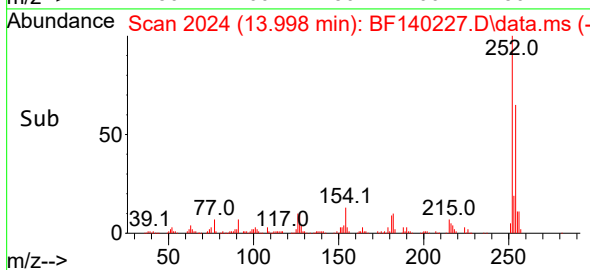
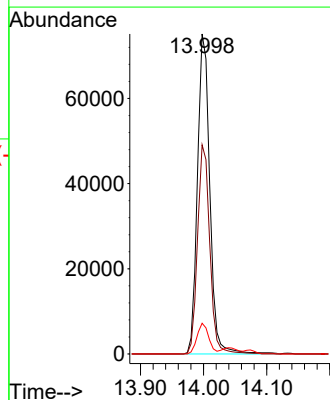
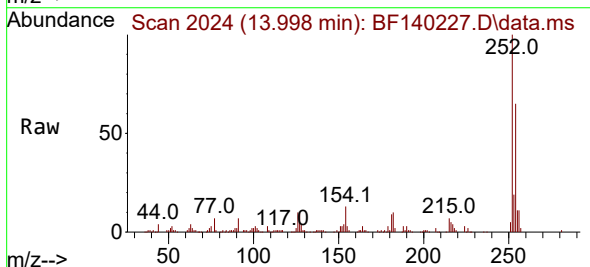
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

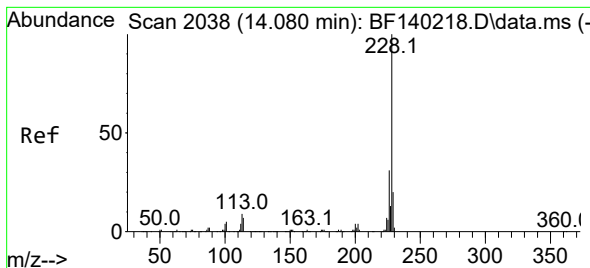
Tgt Ion:228 Resp: 352212
Ion Ratio Lower Upper
228 100
226 26.7 22.0 33.0
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 8.824 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:252 Resp: 101909
Ion Ratio Lower Upper
252 100
254 65.3 51.6 77.4
126 9.6 8.3 12.5





#83

Chrysene

Concen: 8.820 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

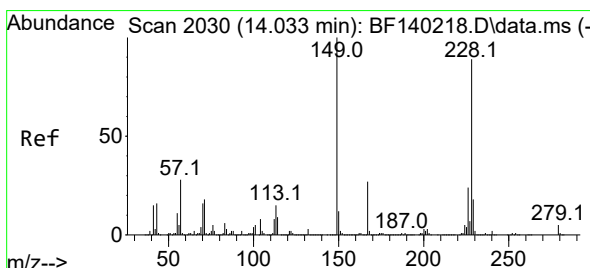
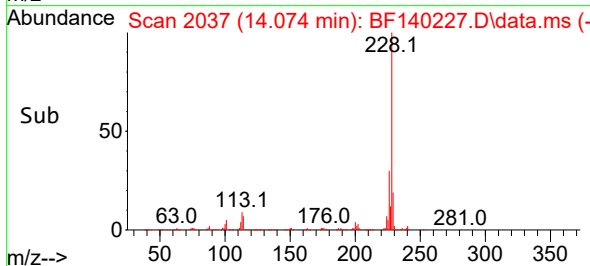
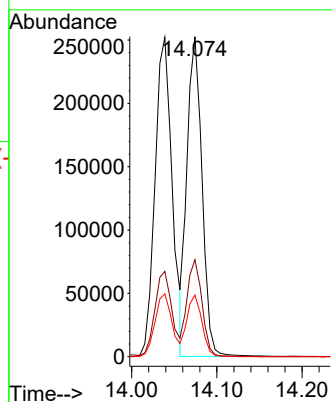
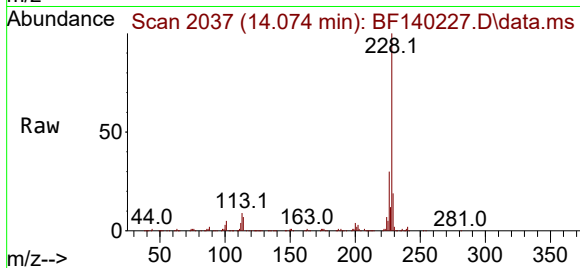
Tgt Ion:228 Resp: 310567

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

229 19.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.790 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

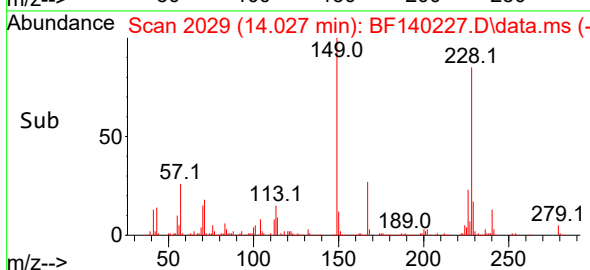
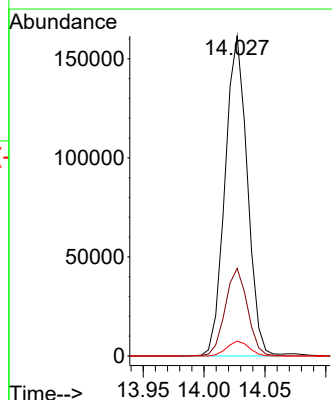
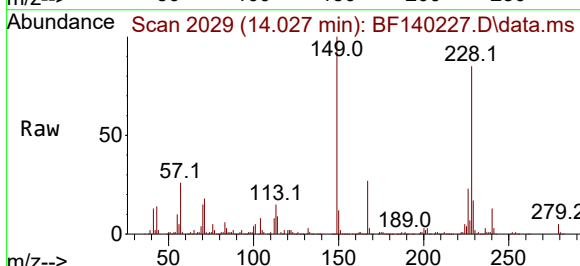
Tgt Ion:149 Resp: 205517

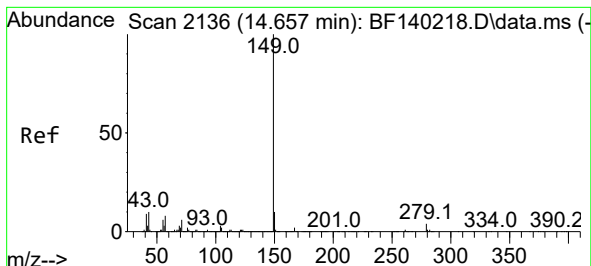
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.6 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 8.466 ng

RT: 14.645 min Scan# 2136

Delta R.T. -0.012 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

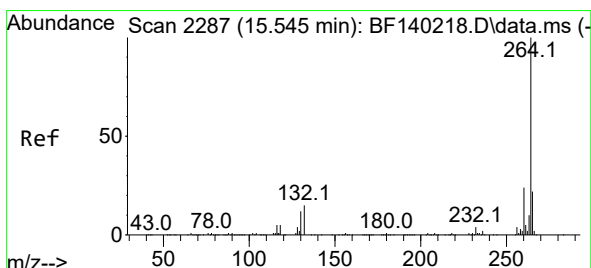
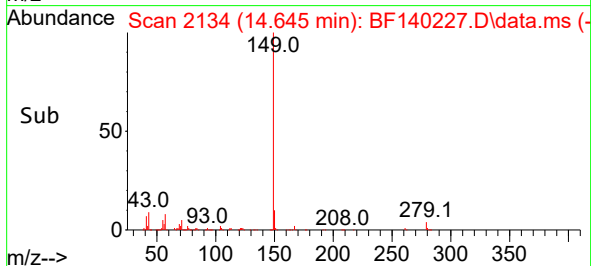
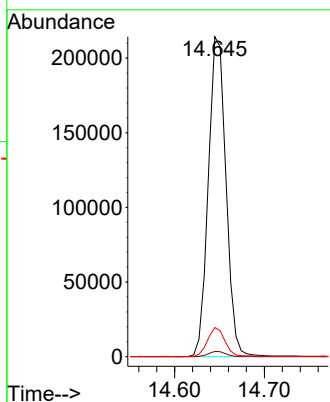
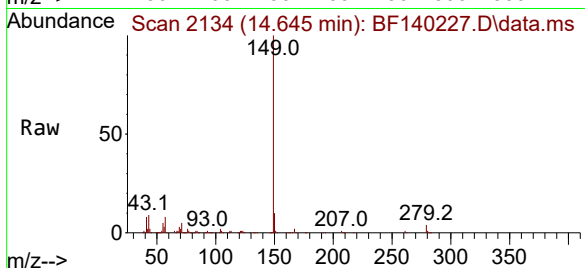
Tgt Ion:149 Resp: 293524

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.2 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.012 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

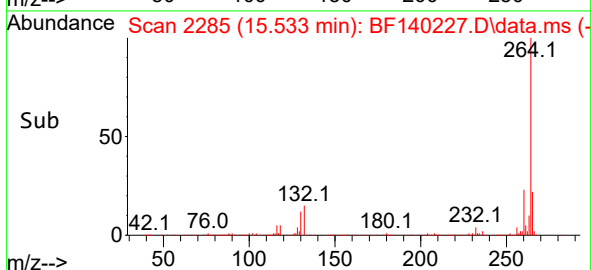
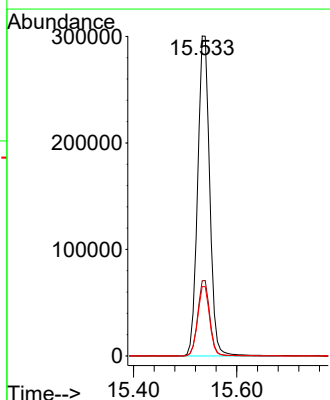
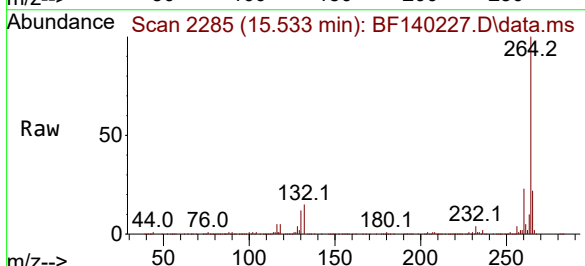
Tgt Ion:264 Resp: 485726

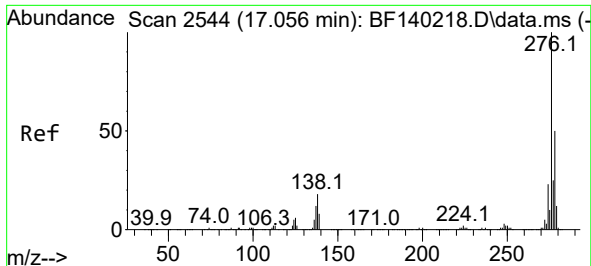
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.7 17.5 26.3

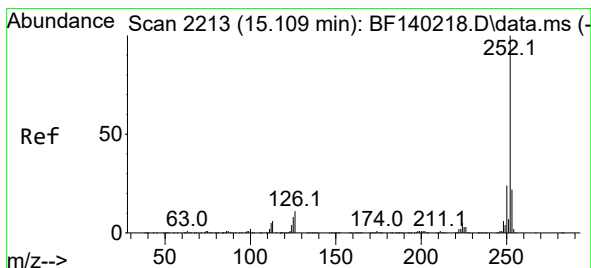
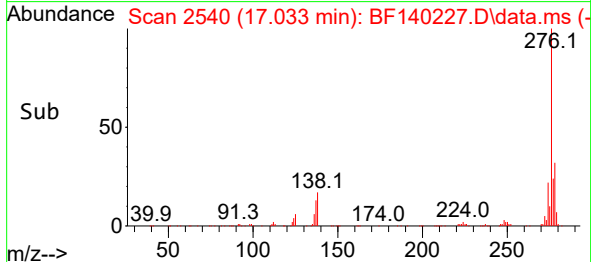
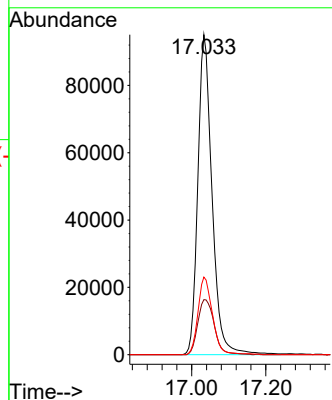
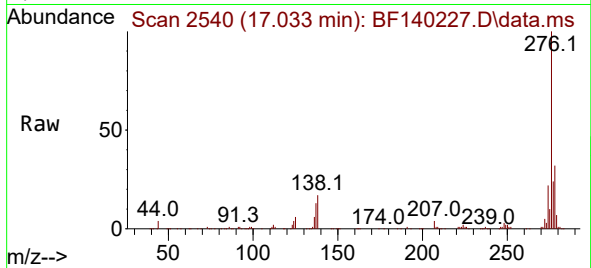




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.272 ng
RT: 17.033 min Scan# 211
Delta R.T. -0.024 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

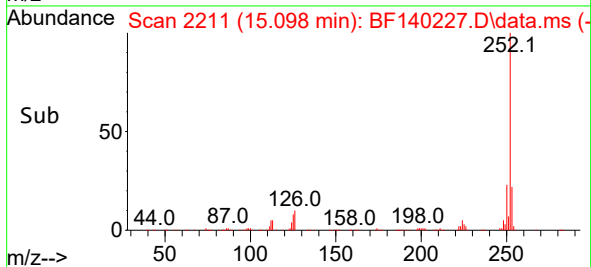
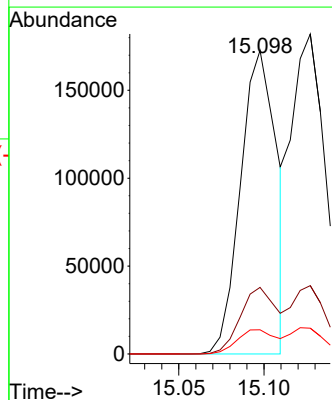
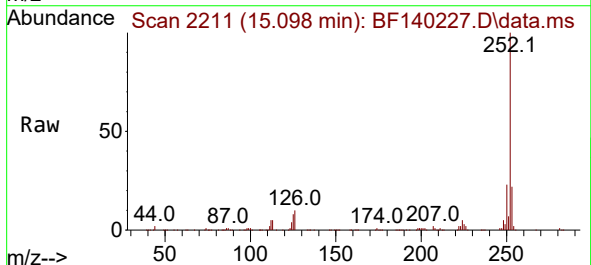
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

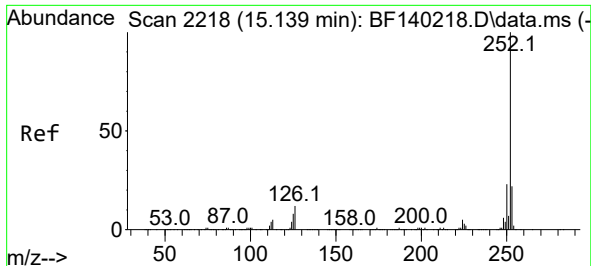
Tgt Ion:276 Resp: 252883
Ion Ratio Lower Upper
276 100
138 19.9 15.7 23.5
277 24.5 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 8.256 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:252 Resp: 252941
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.0 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 9.640 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

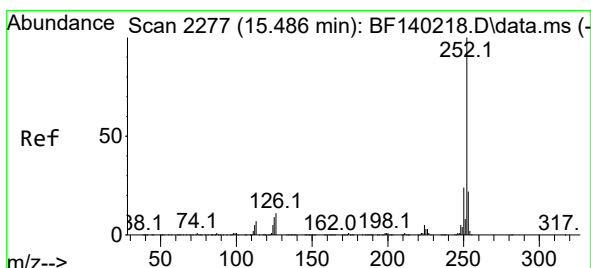
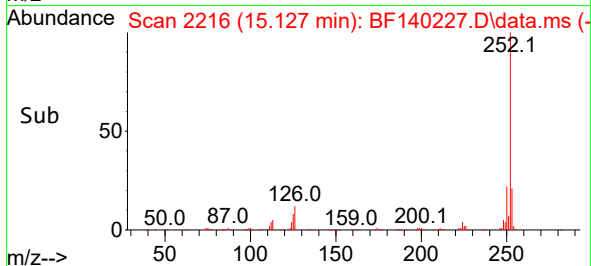
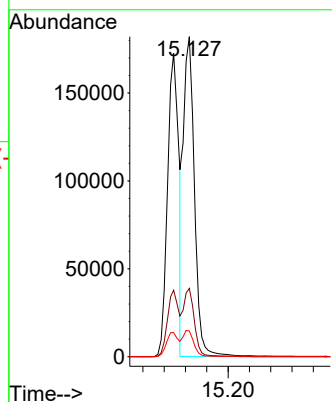
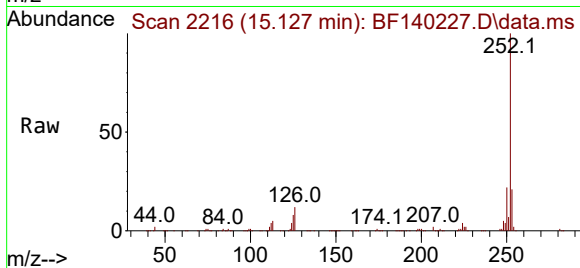
Tgt Ion:252 Resp: 263203

Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 8.1 6.7 10.1



#90

Benzo(a)pyrene

Concen: 9.114 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.018 min

Lab File: BF140227.D

Acq: 04 Nov 2024 19:07

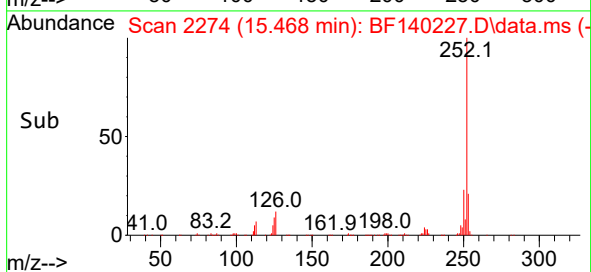
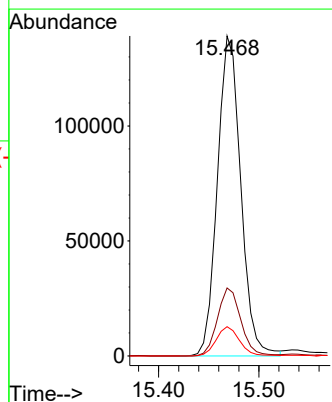
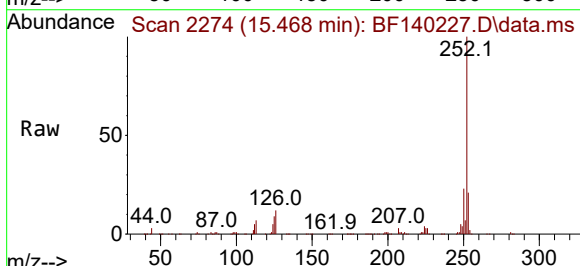
Tgt Ion:252 Resp: 225068

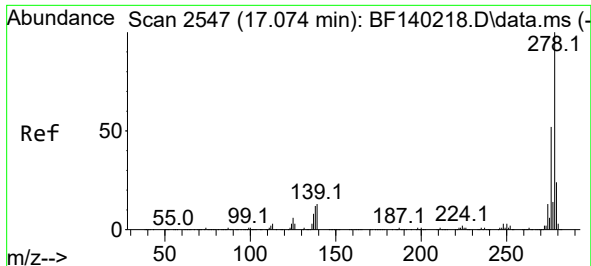
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 9.2 7.0 10.6

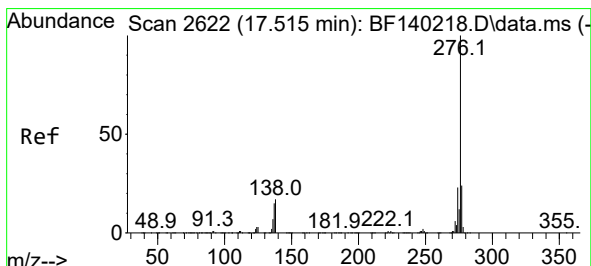
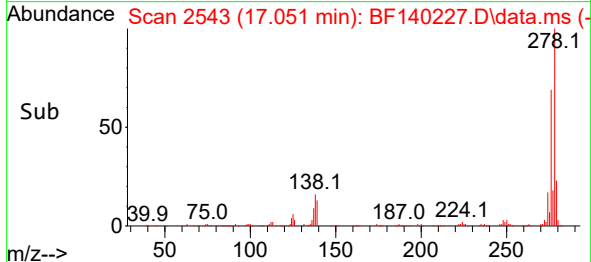
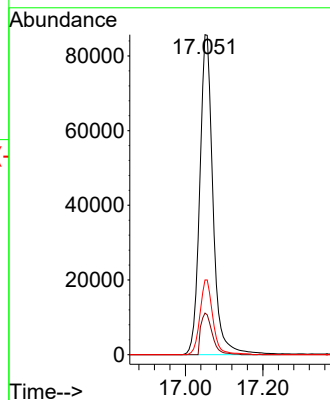
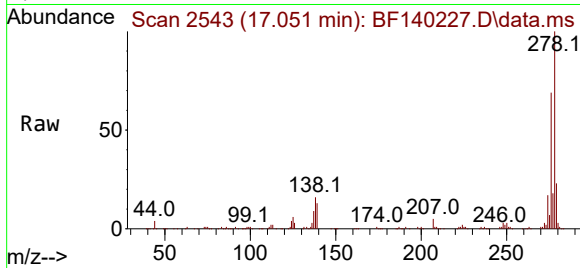




#91
Dibenzo(a,h)anthracene
Concen: 8.169 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:278 Resp: 203402
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.2
279 23.4 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 7.560 ng
RT: 17.486 min Scan# 2617
Delta R.T. -0.029 min
Lab File: BF140227.D
Acq: 04 Nov 2024 19:07

Tgt Ion:276 Resp: 192200
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 17.1 13.5 20.3

