

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
 Data File : BF140226.D
 Acq On : 04 Nov 2024 18:41
 Operator : RC/JU
 Sample : P4368-09
 Misc : MDL-MDL-WATER-4 PPM
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Nov 05 00:00:34 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	198738	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	754385	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	443013	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	846681	20.000	ng	0.00
76) Chrysene-d12	14.045	240	555472	20.000	ng	-0.01
86) Perylene-d12	15.539	264	458829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1464674	124.880	ng	0.00
7) Phenol-d6	6.504	99	1894313	125.873	ng	0.00
23) Nitrobenzene-d5	7.434	82	1273713	85.416	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	704870	144.304	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2512585	88.650	ng	0.00
79) Terphenyl-d14	12.992	244	2738271	78.651	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	23873	4.611	ng	94
3) Pyridine	3.499	79	51153	4.023	ng	97
4) n-Nitrosodimethylamine	3.375	42	28389	3.985	ng	# 93
6) Aniline	6.540	93	76727	5.841	ng	97
8) 2-Chlorophenol	6.663	128	58599	4.740	ng	92
9) Benzaldehyde	6.428	77	50797	5.195	ng	91
10) Phenol	6.516	94	73758	4.608	ng	# 77
11) bis(2-Chloroethyl)ether	6.610	93	57958	4.710	ng	96
12) 1,3-Dichlorobenzene	6.816	146	68367	4.684	ng	98
13) 1,4-Dichlorobenzene	6.893	146	69055	4.683	ng	99
14) 1,2-Dichlorobenzene	7.046	146	63799	4.630	ng	98
15) Benzyl Alcohol	7.010	79	71645	6.078	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.146	45	79975	4.516	ng	98
17) 2-Methylphenol	7.116	107	46146	4.612	ng	96
18) Hexachloroethane	7.387	117	24059	4.383	ng	100
19) n-Nitroso-di-n-propyla...	7.275	70	42685	4.344	ng	99
20) 3+4-Methylphenols	7.269	107	60063	4.665	ng	95
22) Acetophenone	7.275	105	90505	4.895	ng	96
24) Nitrobenzene	7.451	77	70413	4.523	ng	99
25) Isophorone	7.687	82	114724	4.529	ng	99
26) 2-Nitrophenol	7.769	139	27561	4.511	ng	93
27) 2,4-Dimethylphenol	7.798	122	38608	4.614	ng	92
28) bis(2-Chloroethoxy)met...	7.898	93	70067	4.591	ng	99
29) 2,4-Dichlorophenol	8.004	162	48873	4.619	ng	99
30) 1,2,4-Trichlorobenzene	8.093	180	60974	4.693	ng	99
31) Naphthalene	8.175	128	177268	4.661	ng	99
32) Benzoic acid	7.851	122	15996	2.404	ng	92
33) 4-Chloroaniline	8.222	127	68115	5.404	ng	94
34) Hexachlorobutadiene	8.293	225	39264	4.355	ng	99
35) Caprolactam	8.551	113	14117	4.496	ng	87
36) 4-Chloro-3-methylphenol	8.692	107	50502	4.382	ng	97
37) 2-Methylnaphthalene	8.863	142	122059	4.809	ng	99
38) 1-Methylnaphthalene	8.963	142	111924	4.505	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	67160	4.912	ng	98
41) Hexachlorocyclopentadiene	9.022	237	15656	4.175	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	37274	4.464	ng	96

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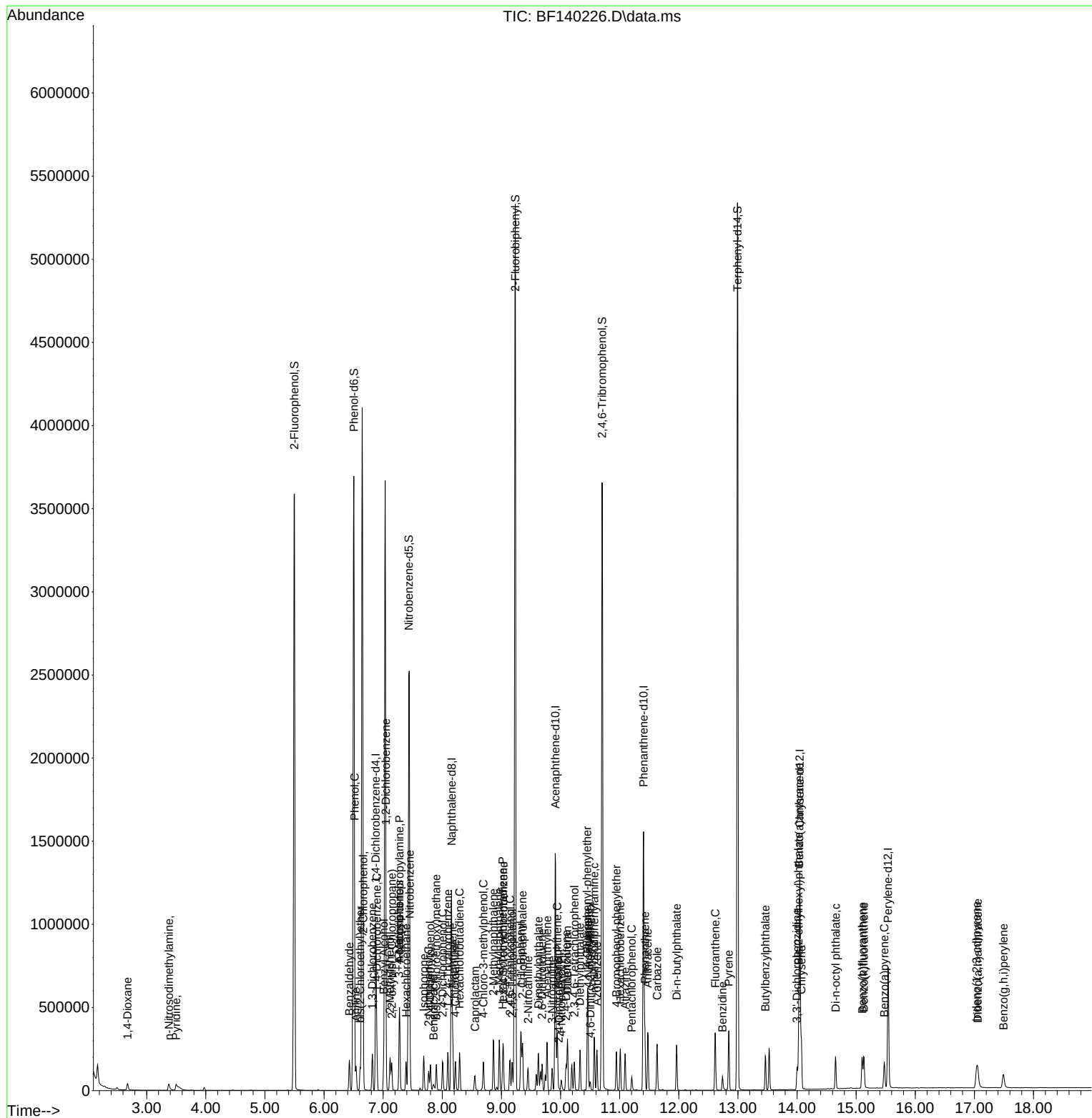
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	37383	4.285	ng	97
46) 1,1'-Biphenyl	9.328	154	163315	5.079	ng	99
47) 2-Chloronaphthalene	9.357	162	116651	4.781	ng	96
48) 2-Nitroaniline	9.451	65	31298	4.127	ng	92
49) Acenaphthylene	9.775	152	182371	5.311	ng	98
50) Dimethylphthalate	9.628	163	130881	4.818	ng	99
51) 2,6-Dinitrotoluene	9.687	165	27560	4.257	ng	96
52) Acenaphthene	9.945	154	111690	4.563	ng	98
53) 3-Nitroaniline	9.857	138	27314	4.624	ng	99
54) 2,4-Dinitrophenol	9.969	184	3259	7.256	ng	# 86
55) Dibenzofuran	10.116	168	171148	4.950	ng	96
56) 4-Nitrophenol	10.016	139	15234	3.485	ng	91
57) 2,4-Dinitrotoluene	10.092	165	36026	4.251	ng	92
58) Fluorene	10.463	166	134401	4.861	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	32715	4.526	ng	97
60) Diethylphthalate	10.328	149	130740	4.724	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	68216	4.795	ng	96
62) 4-Nitroaniline	10.469	138	26364	4.390	ng	91
63) Azobenzene	10.616	77	128109	4.565	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	9544	2.153	ng	98
66) n-Nitrosodiphenylamine	10.569	169	113043	4.635	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	42744	4.483	ng	98
68) Hexachlorobenzene	11.010	284	47541	4.418	ng	100
69) Atrazine	11.092	200	39409	5.776	ng	97
70) Pentachlorophenol	11.204	266	15605	2.723	ng	97
71) Phenanthrene	11.428	178	197165	4.790	ng	98
72) Anthracene	11.475	178	199656	4.950	ng	98
73) Carbazole	11.633	167	169135	4.623	ng	98
74) Di-n-butylphthalate	11.963	149	194917	4.543	ng	98
75) Fluoranthene	12.616	202	204223	4.632	ng	98
77) Benzidine	12.739	184	51048	5.298	ng	96
78) Pyrene	12.845	202	211371	4.634	ng	97
80) Butylbenzylphthalate	13.463	149	65921	4.120	ng	99
81) Benzo(a)anthracene	14.039	228	173078	4.751	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	45454	4.135	ng	99
83) Chrysene	14.074	228	151470	4.520	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	94842	4.262	ng	98
85) Di-n-octyl phthalate	14.651	149	132648	4.020	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	114904	3.979	ng	99
88) Benzo(b)fluoranthene	15.104	252	122819	4.244	ng	100
89) Benzo(k)fluoranthene	15.127	252	118406	4.591	ng	99
90) Benzo(a)pyrene	15.474	252	101866	4.367	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	92693	3.941	ng	99
92) Benzo(g,h,i)perylene	17.492	276	88041	3.666	ng	99

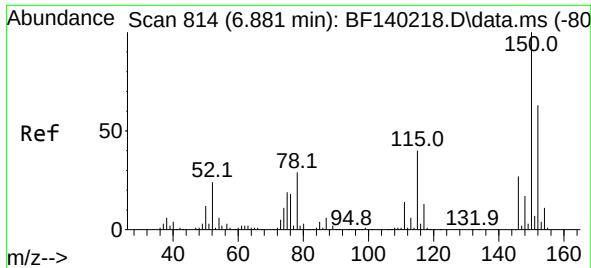
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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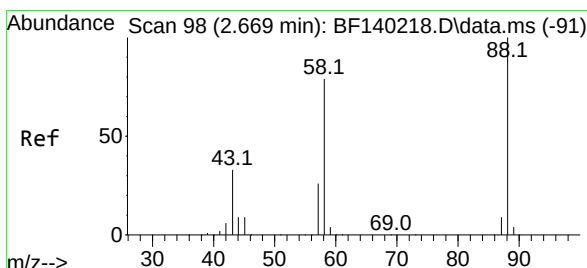
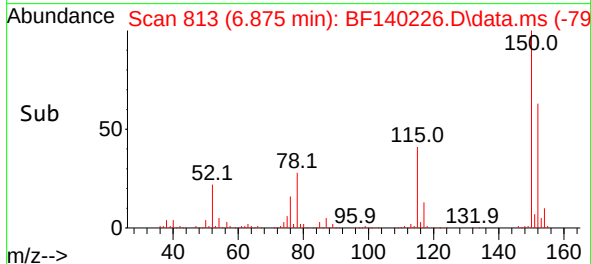
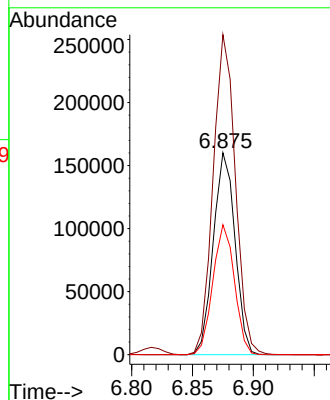
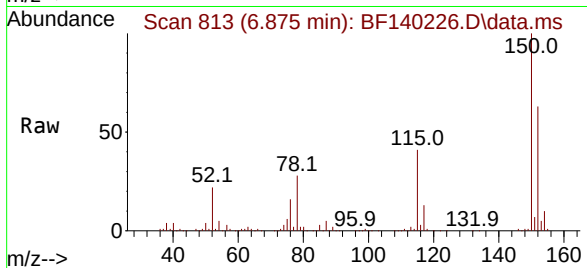




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

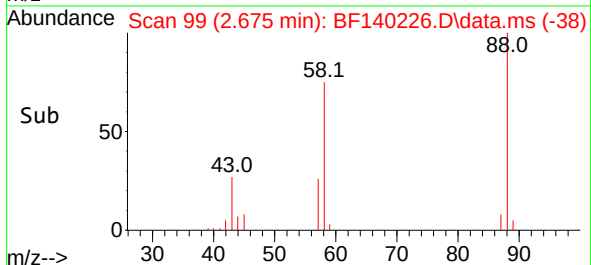
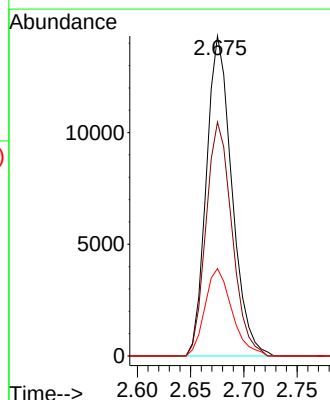
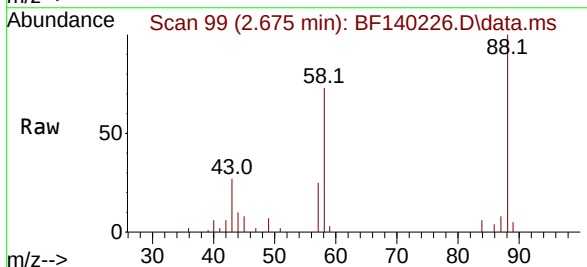
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

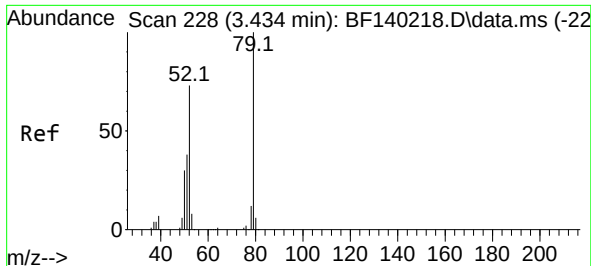
Tgt Ion:152 Resp: 198738
Ion Ratio Lower Upper
152 100
150 158.4 127.8 191.8
115 64.3 50.7 76.1



#2
1,4-Dioxane
Concen: 4.611 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion: 88 Resp: 23873
Ion Ratio Lower Upper
88 100
58 74.3 63.4 95.2
43 28.8 26.8 40.2





#3

Pyridine

Concen: 4.023 ng

RT: 3.499 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

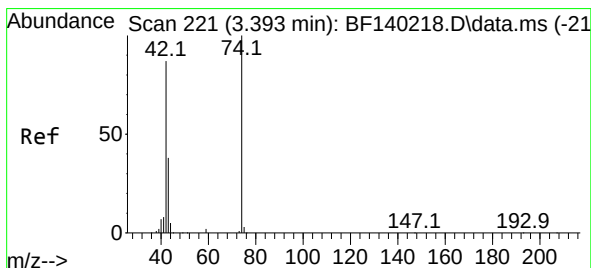
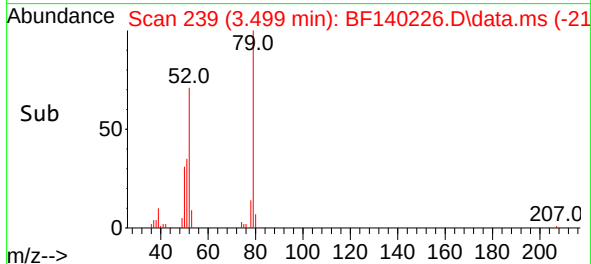
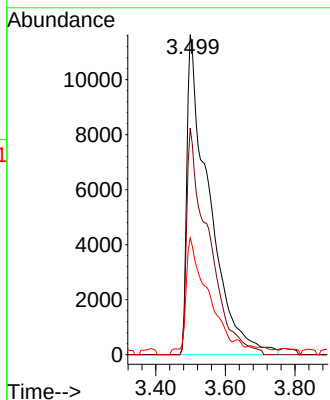
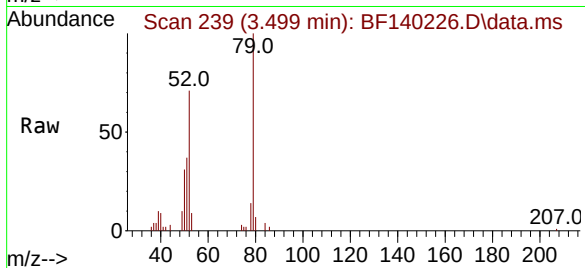
Tgt Ion: 79 Resp: 51153

Ion Ratio Lower Upper

79 100

52 70.8 58.2 87.4

51 36.5 30.6 46.0



#4

n-Nitrosodimethylamine

Concen: 3.985 ng

RT: 3.375 min Scan# 218

Delta R.T. -0.017 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

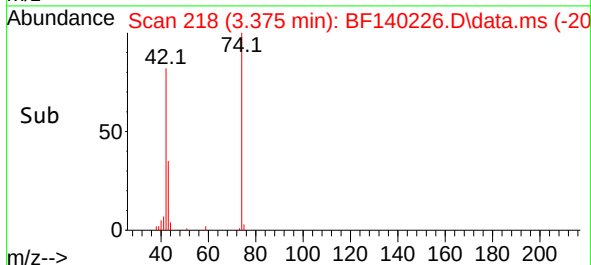
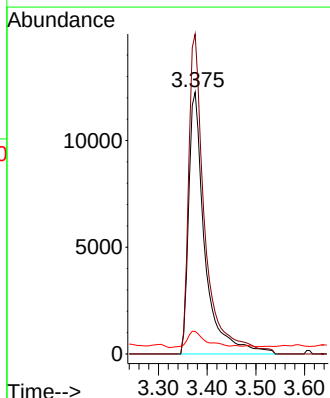
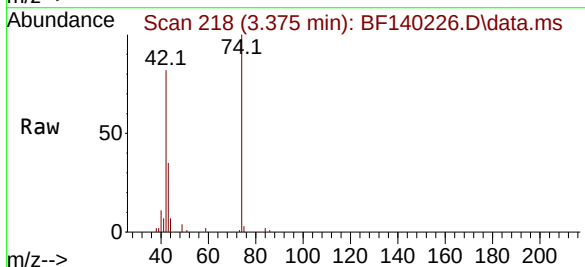
Tgt Ion: 42 Resp: 28389

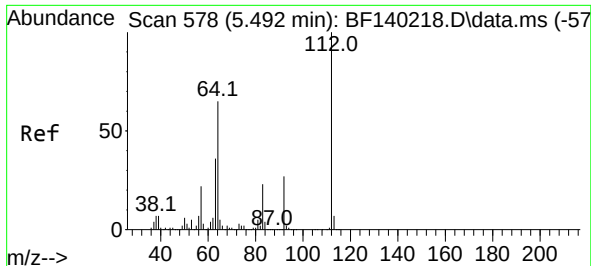
Ion Ratio Lower Upper

42 100

74 122.3 92.0 138.0

44 8.6 5.0 7.6#

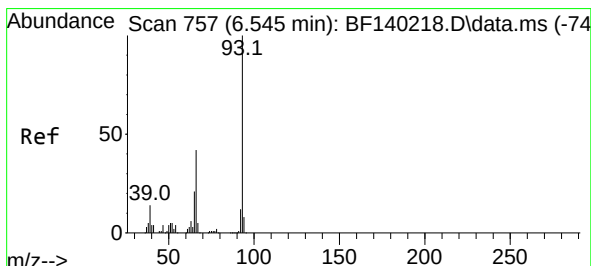
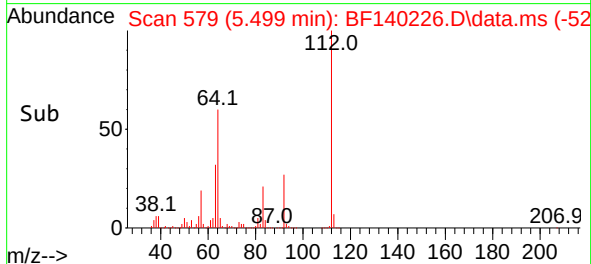
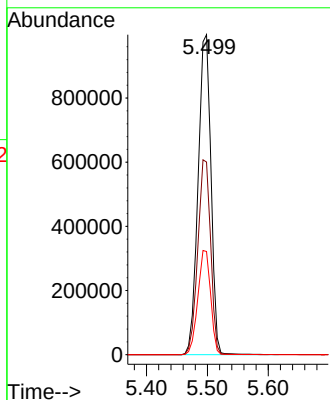
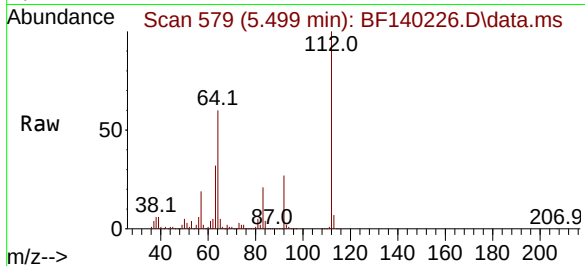




#5
2-Fluorophenol
Concen: 124.880 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

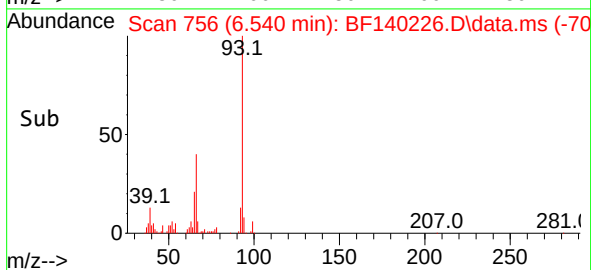
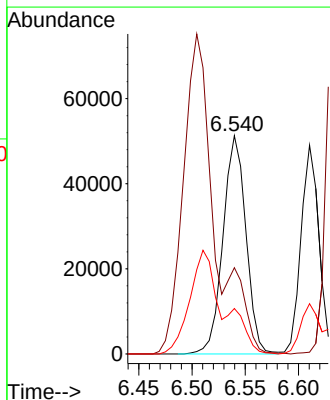
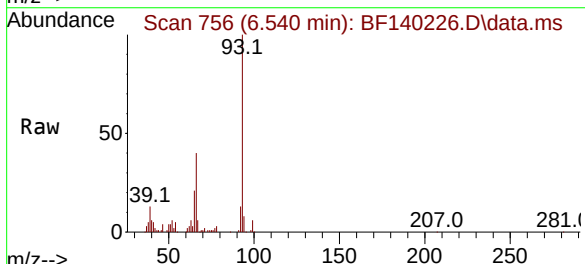
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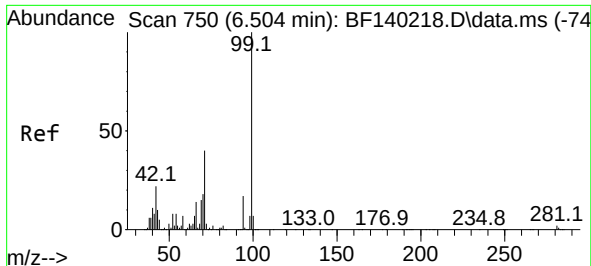
Tgt Ion:112 Resp: 1464674
Ion Ratio Lower Upper
112 100
64 60.2 51.8 77.6
63 32.2 28.4 42.6



#6
Aniline
Concen: 5.841 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion: 93 Resp: 76727
Ion Ratio Lower Upper
93 100
66 39.5 33.7 50.5
65 20.9 17.2 25.8





#7

Phenol-d6

Concen: 125.873 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

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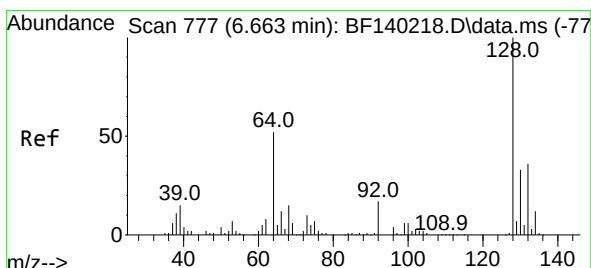
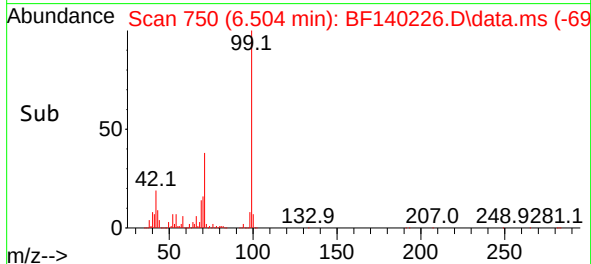
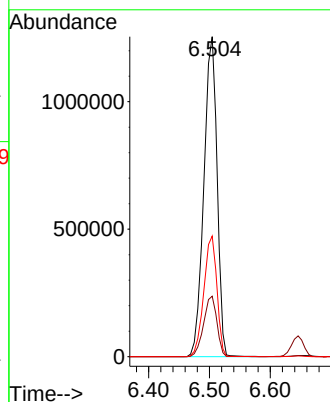
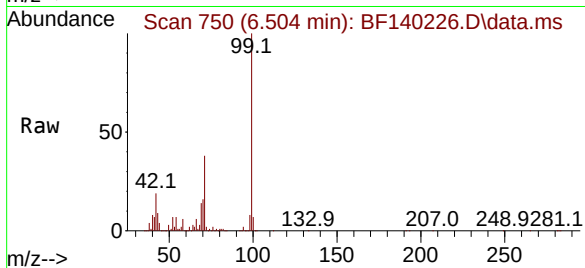
Tgt Ion: 99 Resp: 1894313

Ion Ratio Lower Upper

99 100

42 18.9 17.8 26.6

71 37.7 32.0 48.0



#8

2-Chlorophenol

Concen: 4.740 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140226.D

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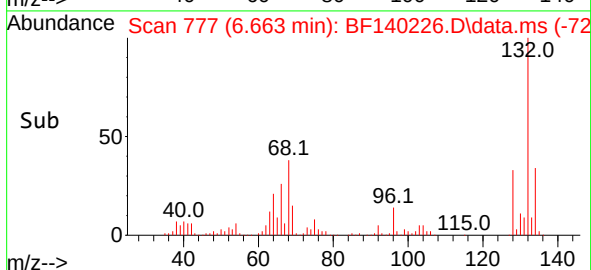
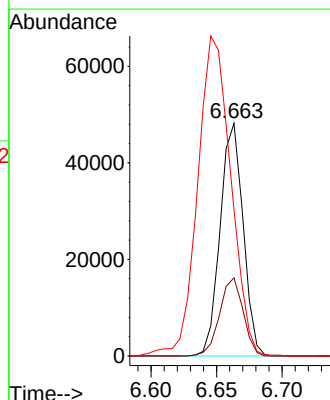
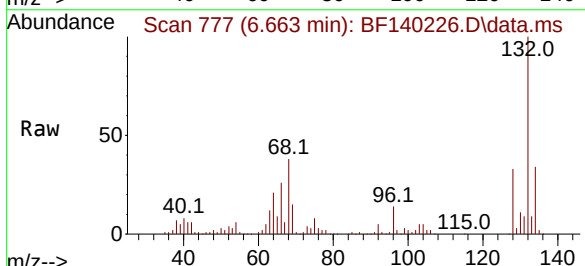
Tgt Ion:128 Resp: 58599

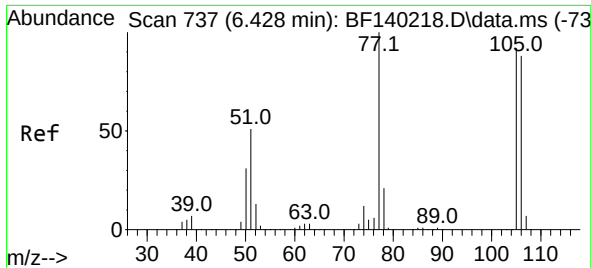
Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

64 62.9 34.4 74.4





#9

Benzaldehyde

Concen: 5.195 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

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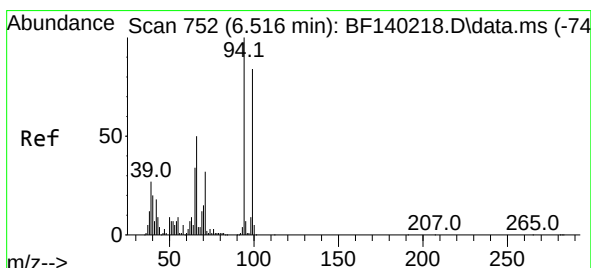
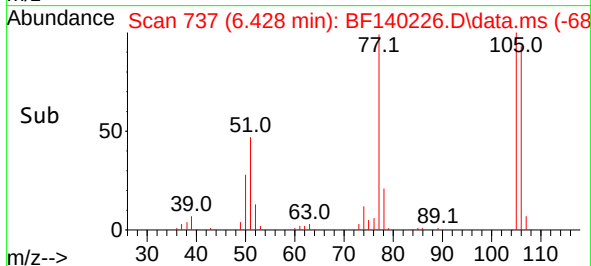
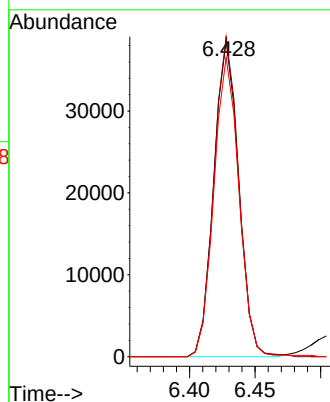
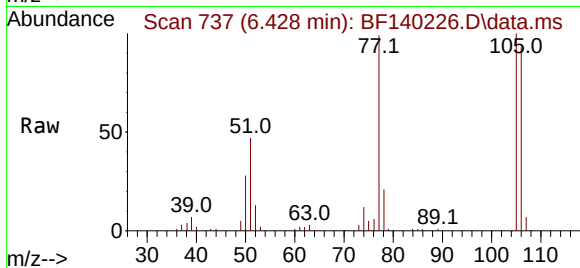
Tgt Ion: 77 Resp: 50797

Ion Ratio Lower Upper

77 100

105 101.5 71.7 111.7

106 94.9 67.9 107.9



#10

Phenol

Concen: 4.608 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

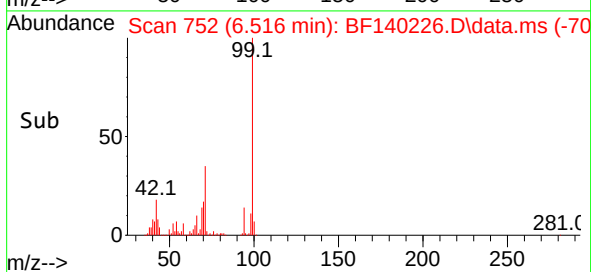
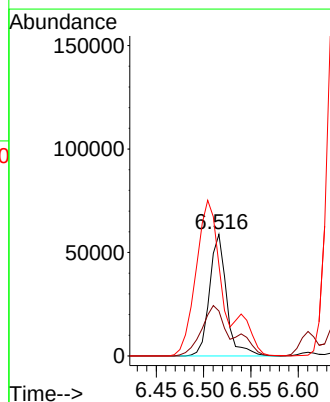
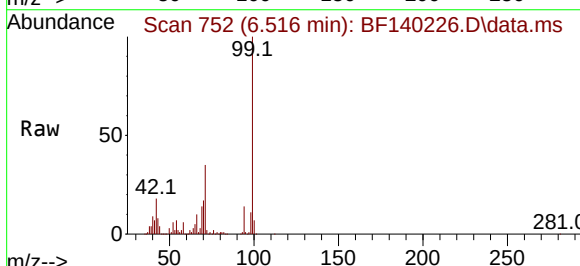
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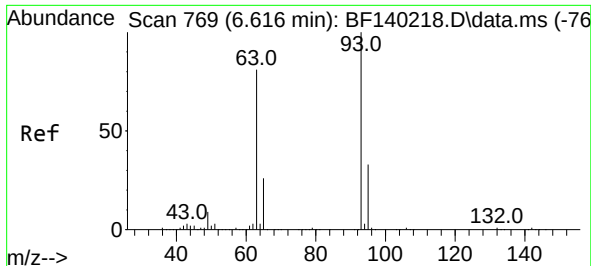
Ion Ratio Lower Upper

94 100

65 37.0 14.0 54.0

66 74.9 30.2 70.2#

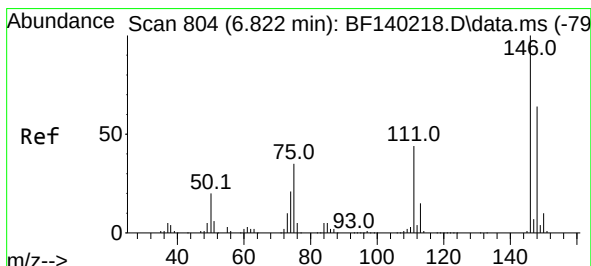
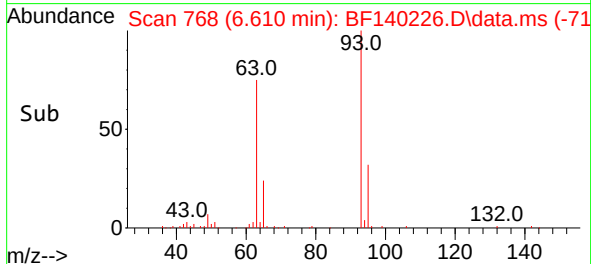
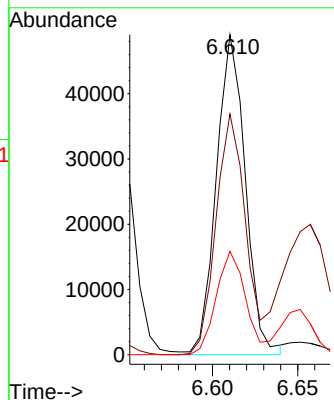
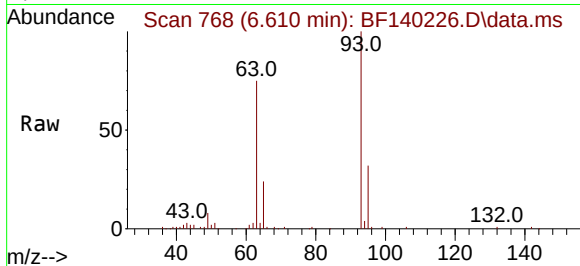




#11
bis(2-Chloroethyl)ether
Concen: 4.710 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

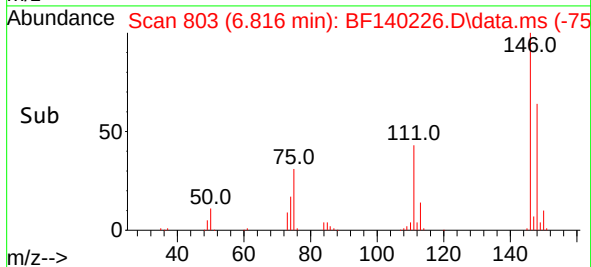
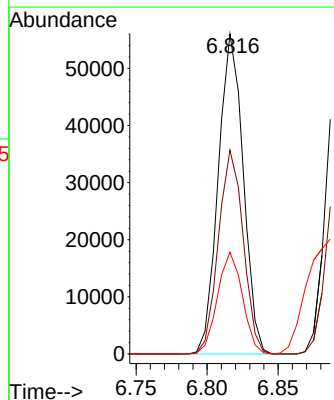
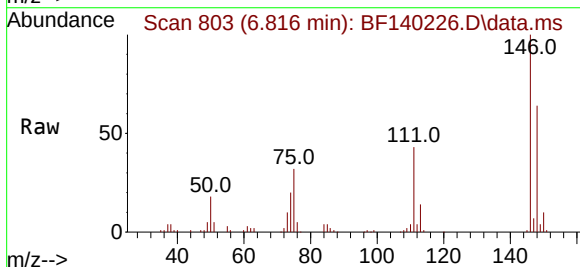
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

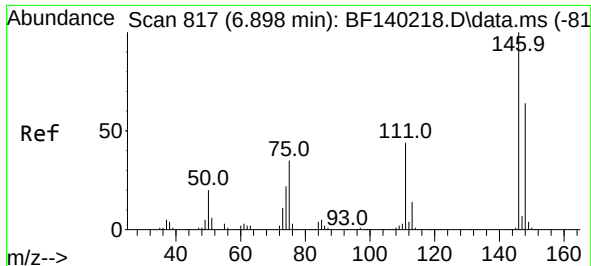
Tgt Ion: 93	Resp: 57958
Ion Ratio	Lower Upper
93 100	
63 75.2	59.8 99.8
95 32.3	12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 4.684 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:146	Resp: 68367		
Ion Ratio	Lower	Upper	
146 100			
148 63.7	51.0	76.4	
75 31.8	28.2	42.4	

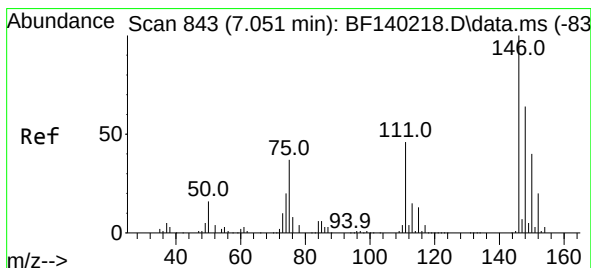
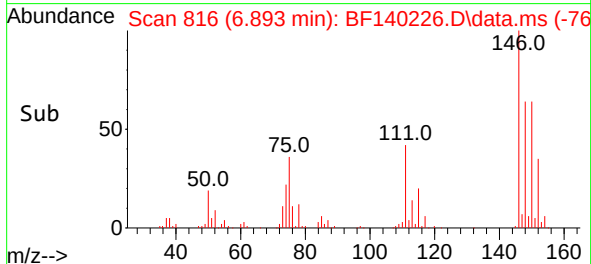
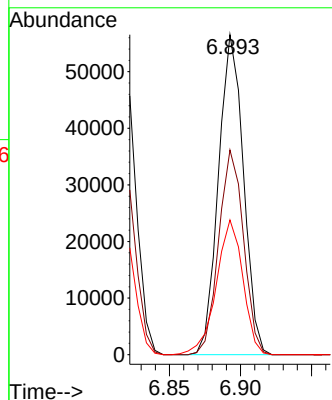
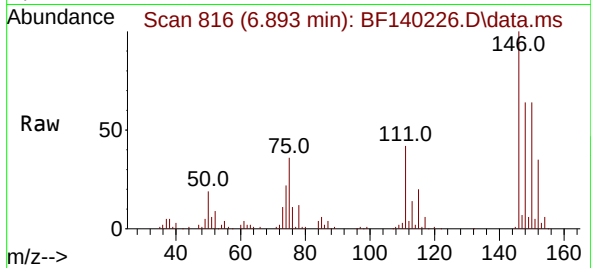




#13
1,4-Dichlorobenzene
Concen: 4.683 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

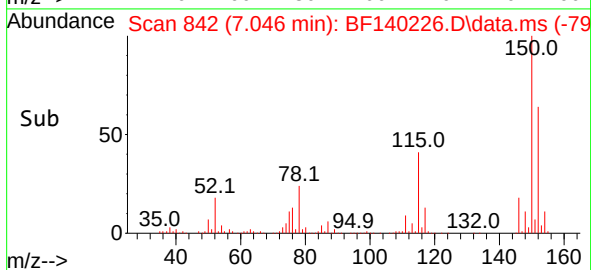
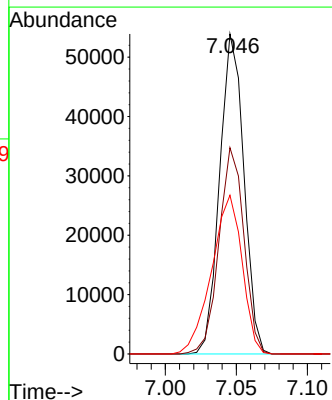
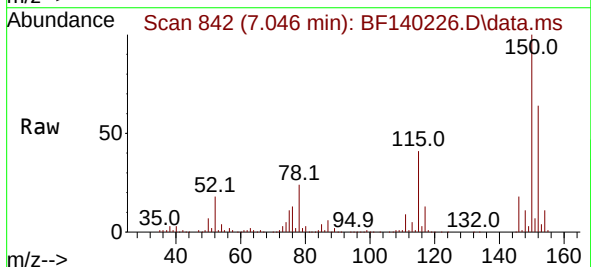
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

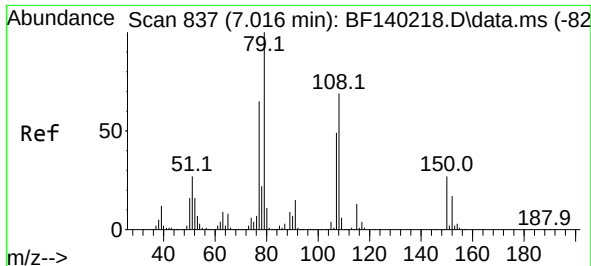
Tgt Ion:146 Resp: 69055
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
111 42.1 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 4.630 ng
RT: 7.046 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:146 Resp: 63799
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
111 49.6 37.1 55.7

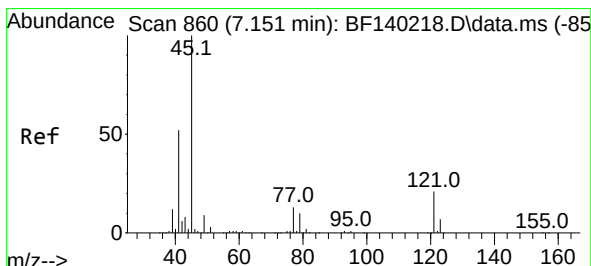
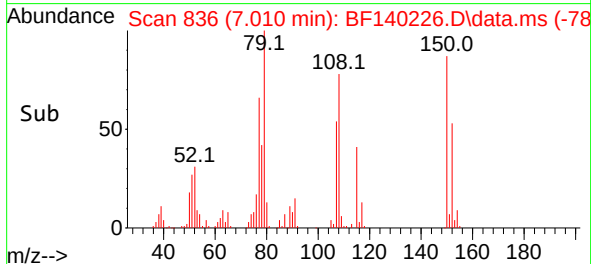
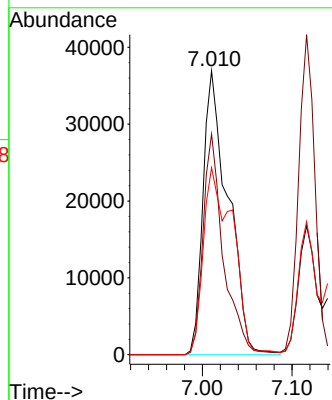
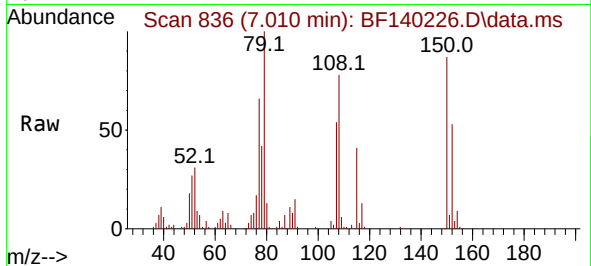




#15
Benzyl Alcohol
Concen: 6.078 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

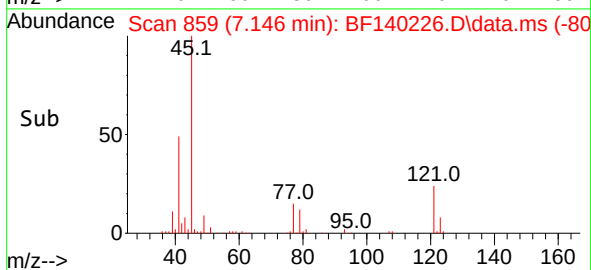
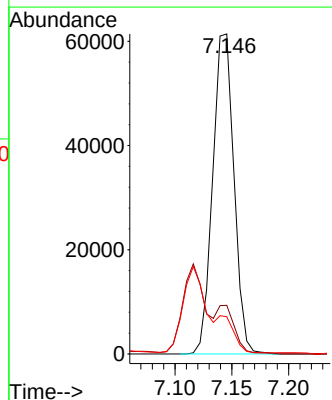
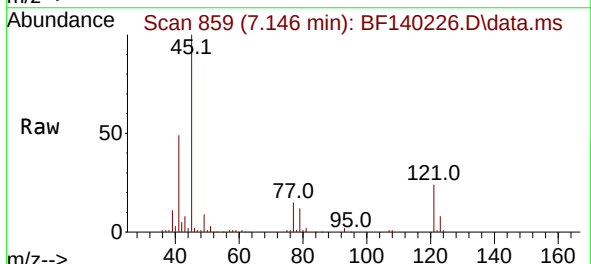
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

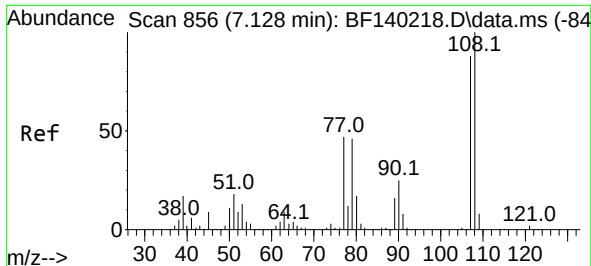
Tgt Ion:	79	Resp:	71645
Ion Ratio	Lower	Upper	
79	100		
108	77.7	55.6	83.4
77	65.9	51.9	77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.516 ng
RT: 7.146 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:	45	Resp:	79975
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	34.5
79	11.7	0.0	31.0

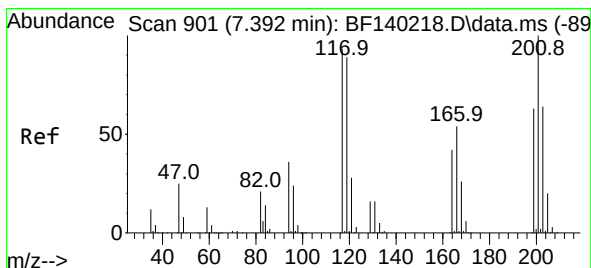
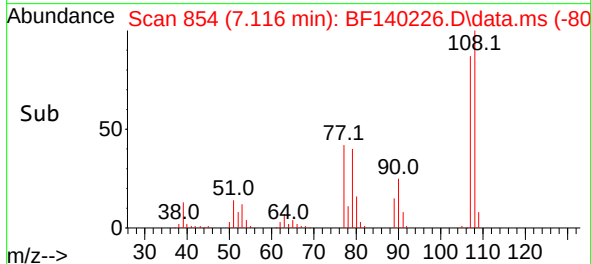
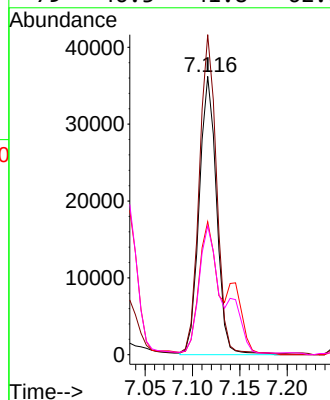
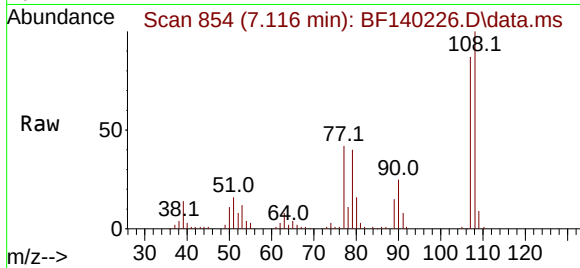




#17
2-Methylphenol
Concen: 4.612 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

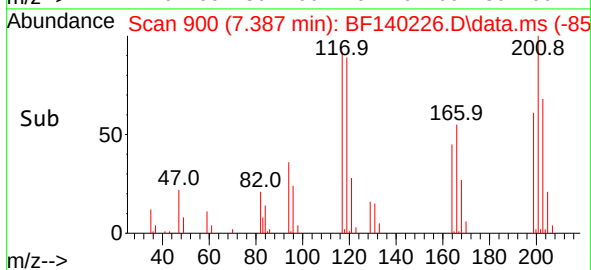
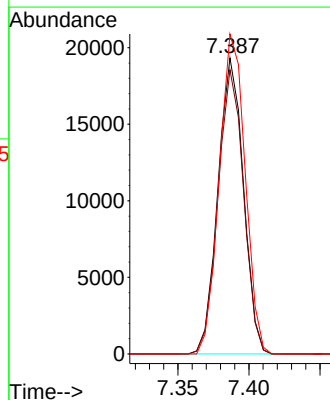
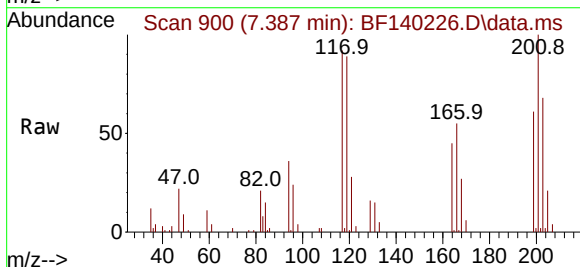
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

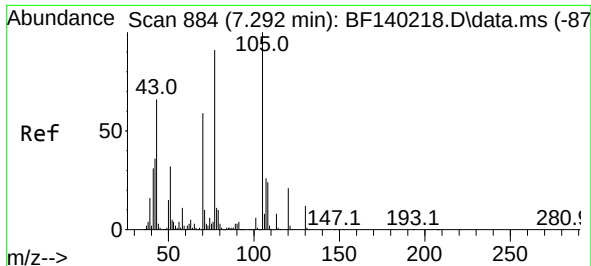
Tgt Ion:107	Resp:	46146
Ion Ratio	Lower	Upper
107	100	
108	115.0	91.4 137.0
77	47.8	43.0 64.4
79	46.3	41.8 62.6



#18
Hexachloroethane
Concen: 4.383 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:117	Resp:	24059
Ion Ratio	Lower	Upper
117	100	
119	96.0	77.0 115.4
201	108.1	86.2 129.4

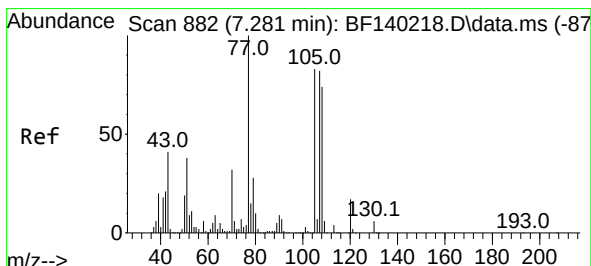
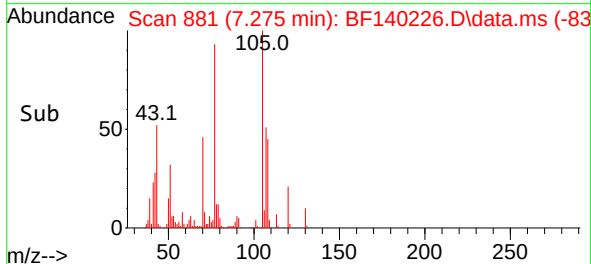
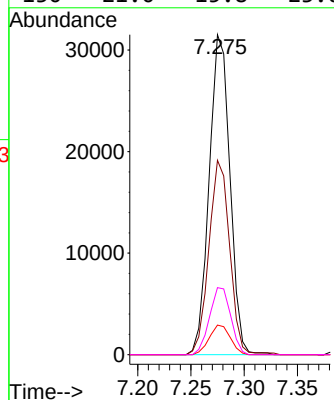
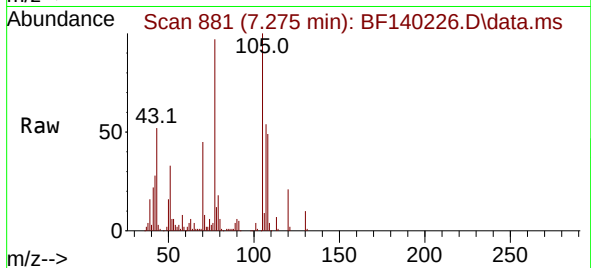




#19
n-Nitroso-di-n-propylamine
Concen: 4.344 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.017 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

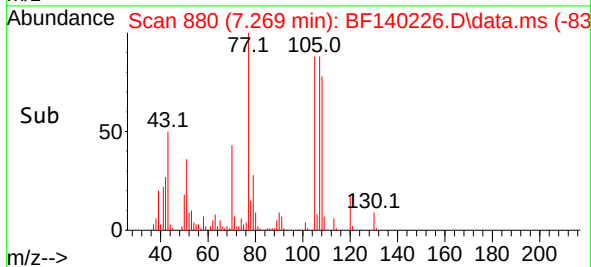
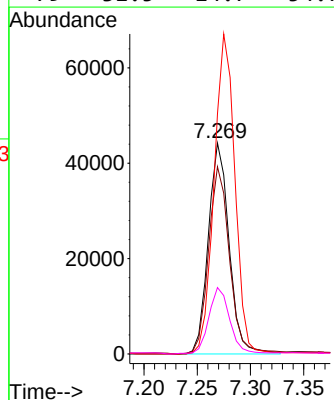
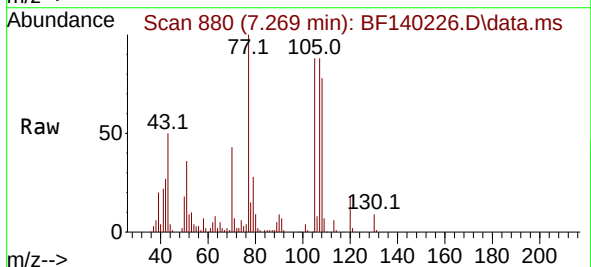
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

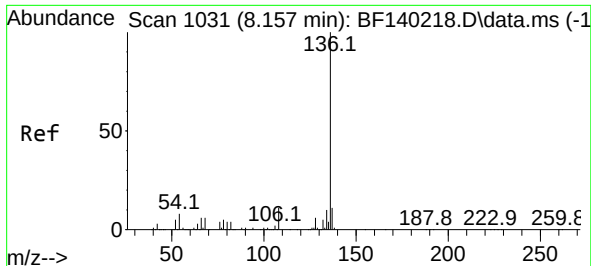
Tgt Ion:	70	Resp:	42685
Ion	Ratio	Lower	Upper
70	100		
42	60.7	49.2	73.8
101	9.2	7.5	11.3
130	21.0	15.8	23.6



#20
3+4-Methylphenols
Concen: 4.665 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:	107	Resp:	60063
Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.0	110.0
77	113.9	101.9	141.9
79	31.5	14.7	54.7

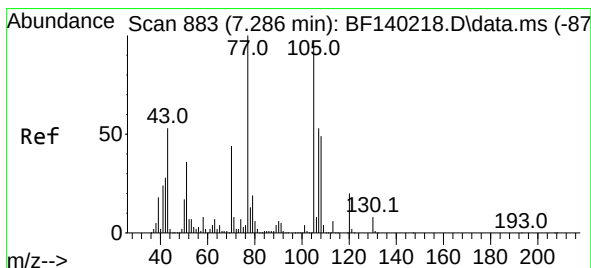
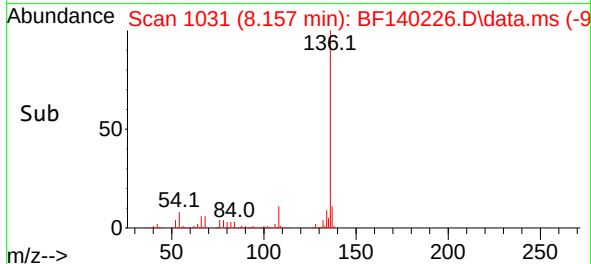
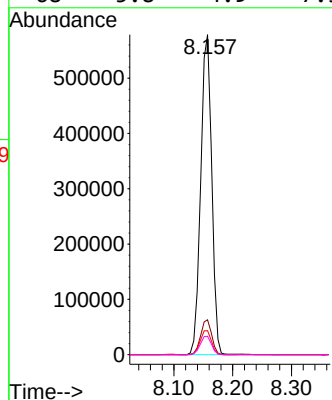
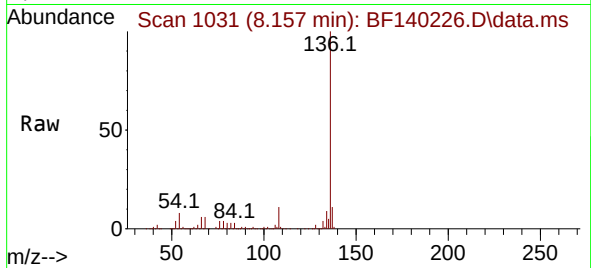




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

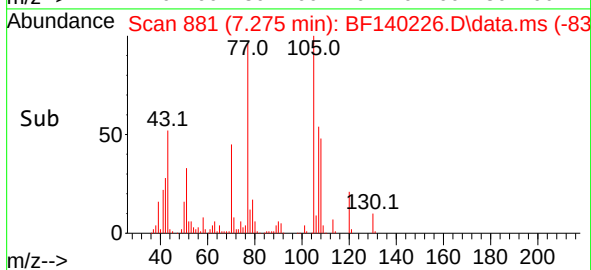
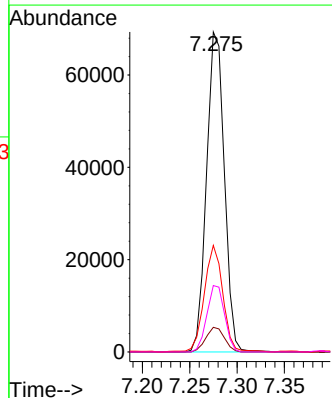
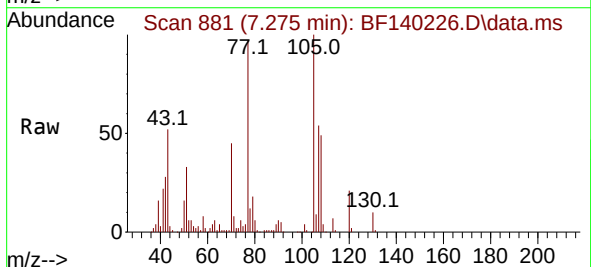
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

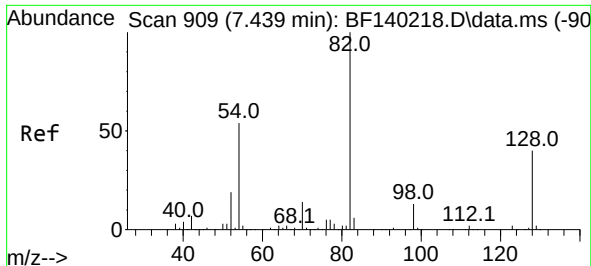
Tgt Ion:	136	Resp:	754385
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.5	6.9	10.3
68	5.8	4.9	7.3



#22
Acetophenone
Concen: 4.895 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:	105	Resp:	90505
Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.2	9.4
51	33.3	30.1	45.1
120	20.7	16.6	25.0





#23

Nitrobenzene-d5

Concen: 85.416 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

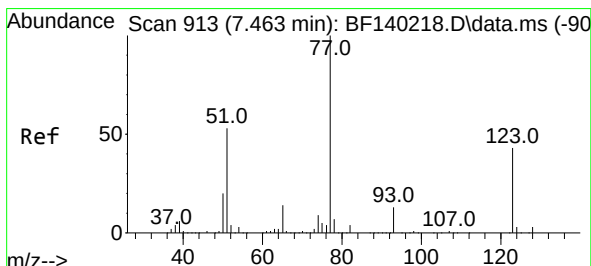
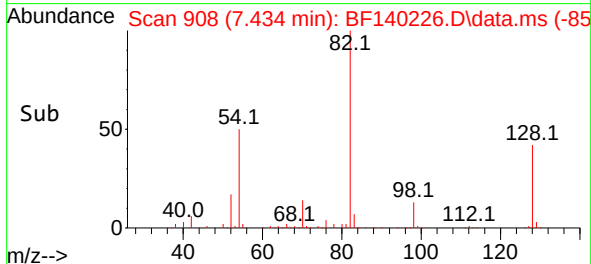
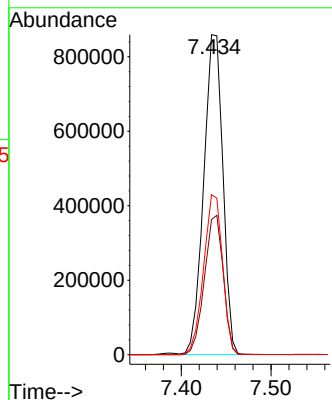
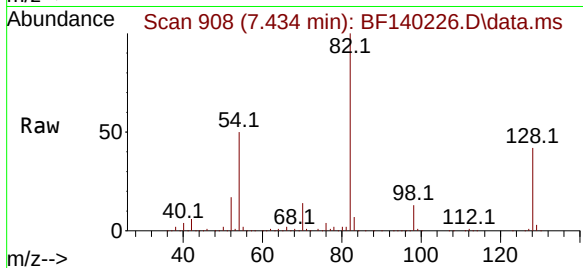
BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 82 Resp: 1273713

Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.4	47.2
54	50.0	42.7	64.1



#24

Nitrobenzene

Concen: 4.523 ng

RT: 7.451 min Scan# 911

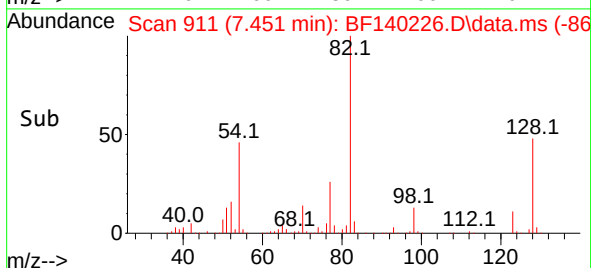
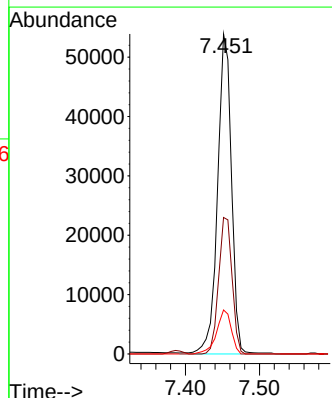
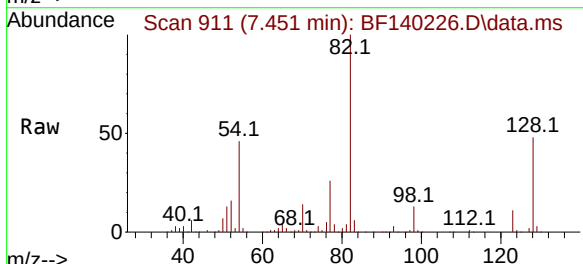
Delta R.T. -0.012 min

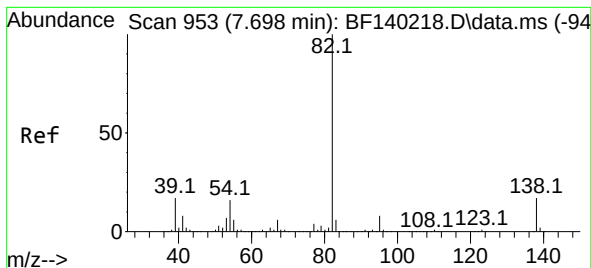
Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Tgt Ion: 77 Resp: 70413

Ion	Ratio	Lower	Upper
77	100		
123	42.7	34.6	51.8
65	13.8	11.4	17.0





#25

Isophorone

Concen: 4.529 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

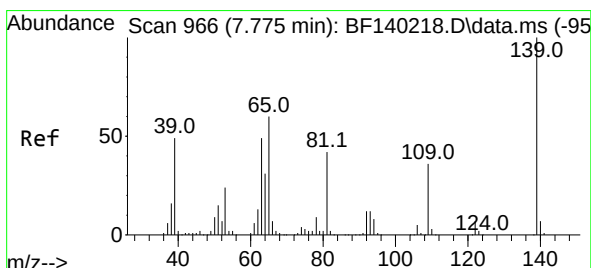
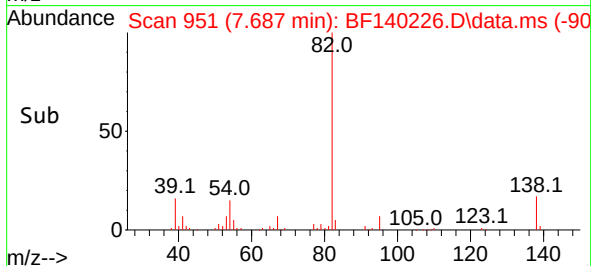
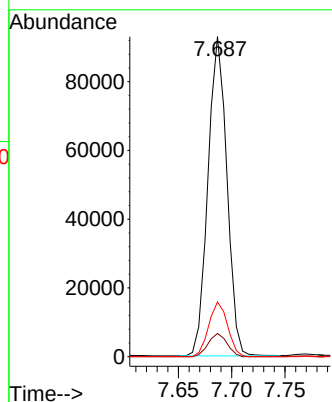
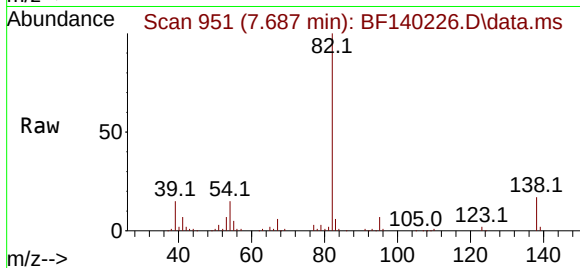
Tgt Ion: 82 Resp: 114724

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.4

138 17.1 13.2 19.8



#26

2-Nitrophenol

Concen: 4.511 ng

RT: 7.769 min Scan# 965

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

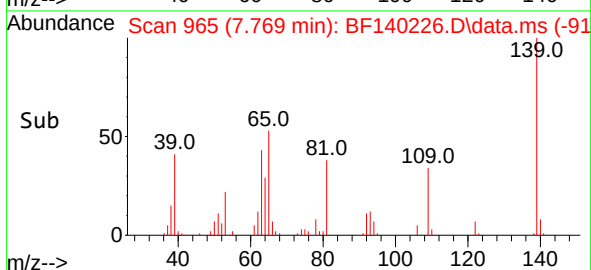
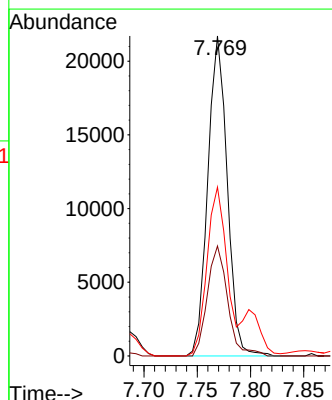
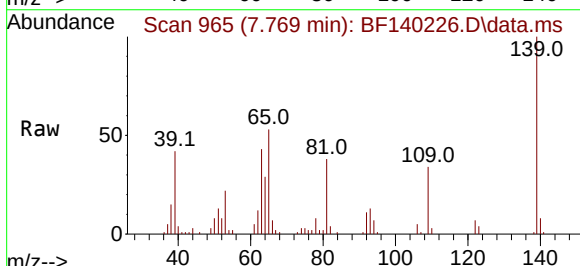
Tgt Ion:139 Resp: 27561

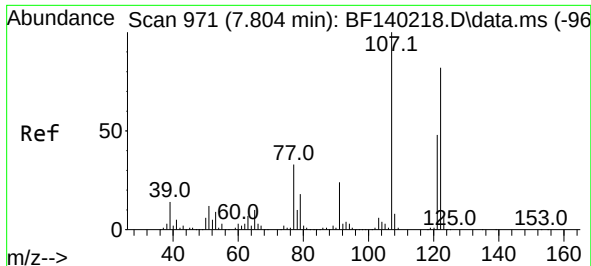
Ion Ratio Lower Upper

139 100

109 34.4 28.6 42.8

65 52.7 47.8 71.6

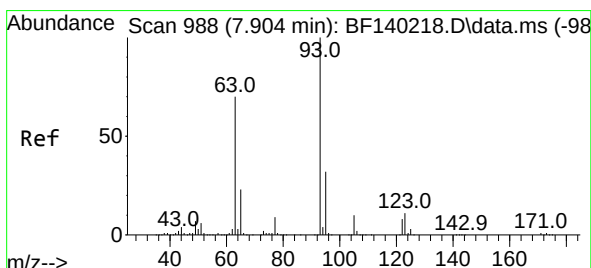
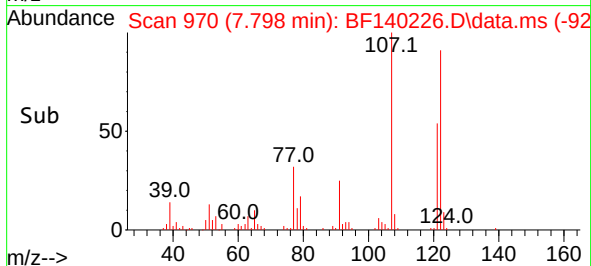
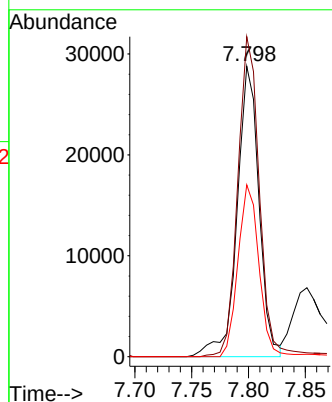
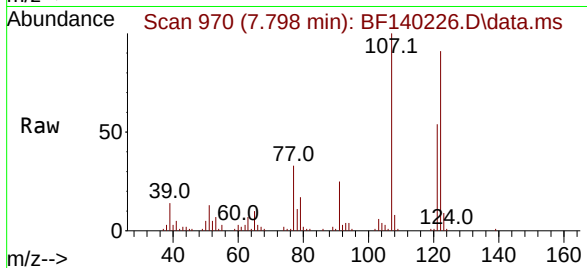




#27
2,4-Dimethylphenol
Concen: 4.614 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

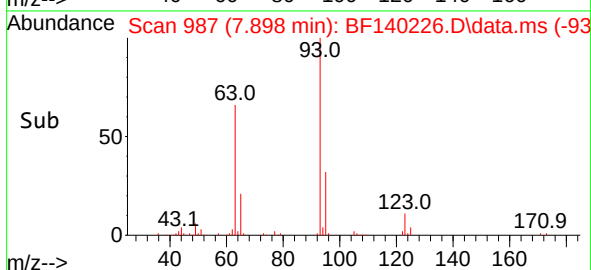
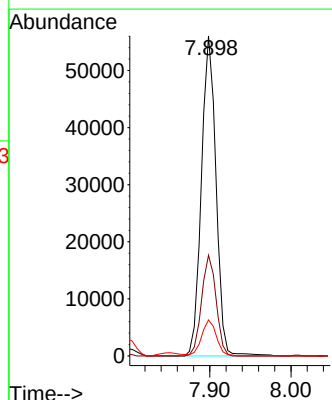
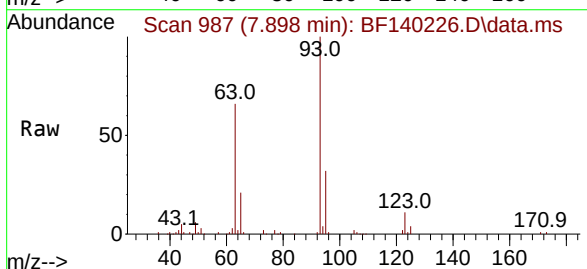
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

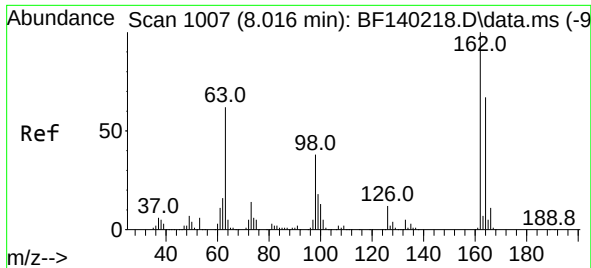
Tgt Ion:122 Resp: 38608
Ion Ratio Lower Upper
122 100
107 110.2 97.9 146.9
121 59.2 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 4.591 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion: 93 Resp: 70067
Ion Ratio Lower Upper
93 100
95 31.5 25.8 38.8
123 11.3 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 4.619 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

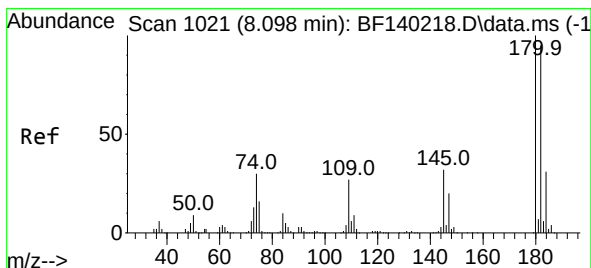
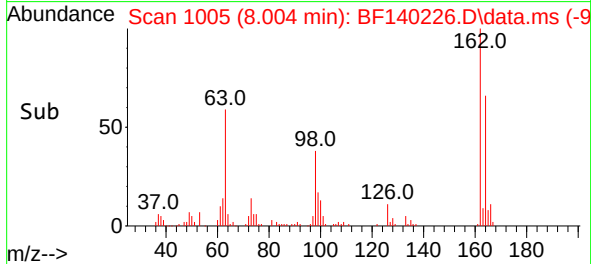
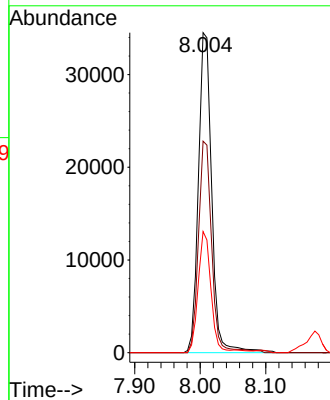
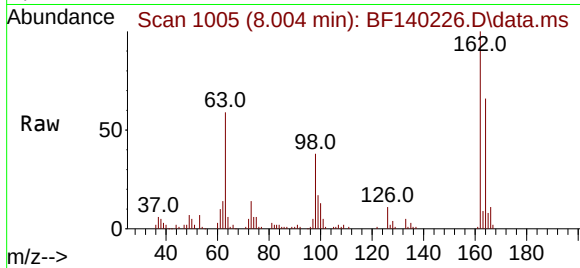
Tgt Ion:162 Resp: 48873

Ion Ratio Lower Upper

162 100

164 66.1 47.0 87.0

98 37.9 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 4.693 ng

RT: 8.093 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

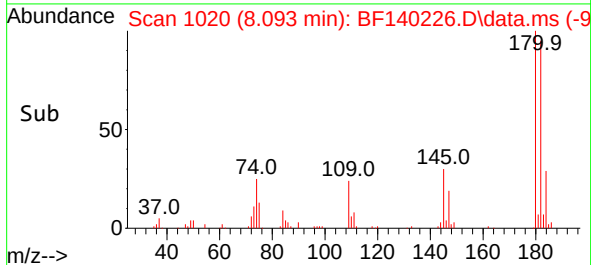
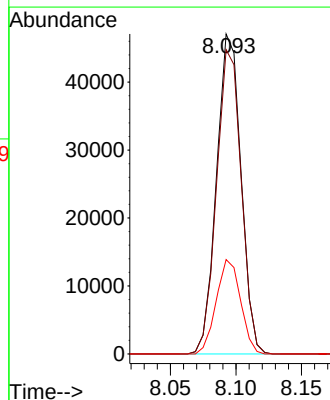
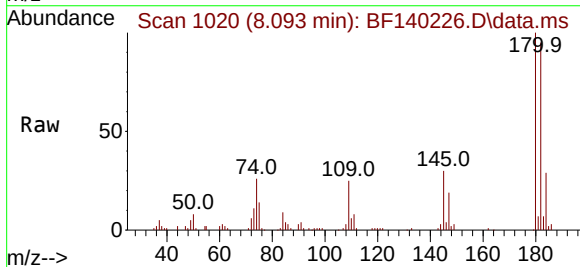
Tgt Ion:180 Resp: 60974

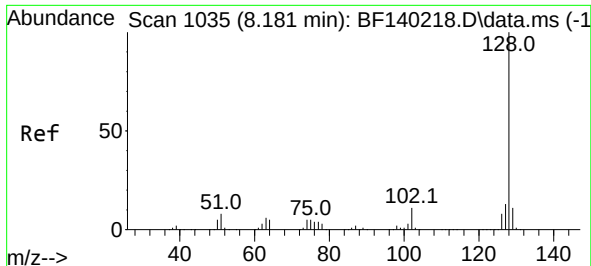
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 29.5 25.2 37.8

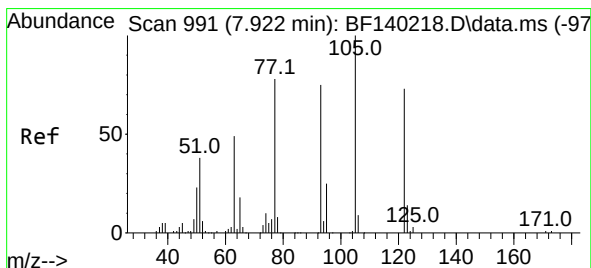
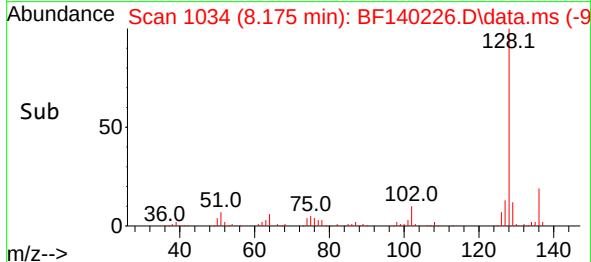
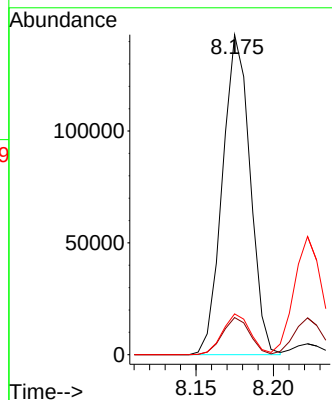
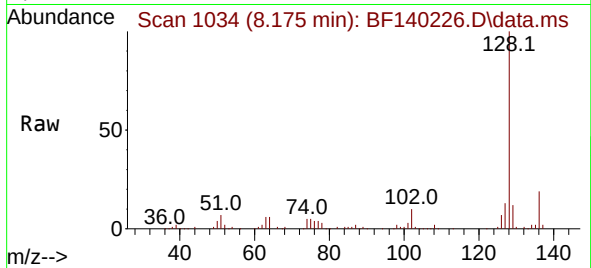




#31
Naphthalene
Concen: 4.661 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

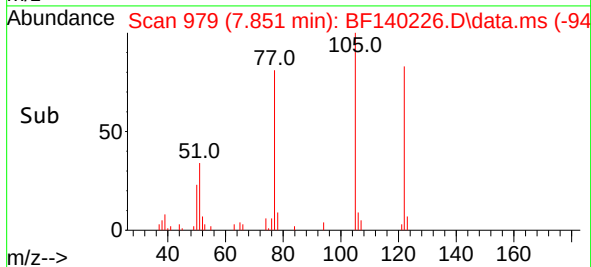
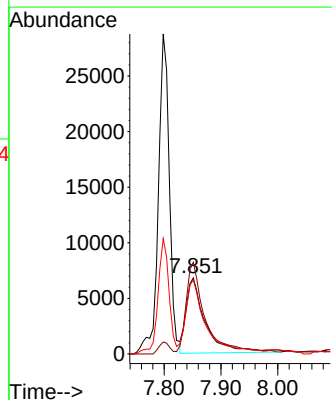
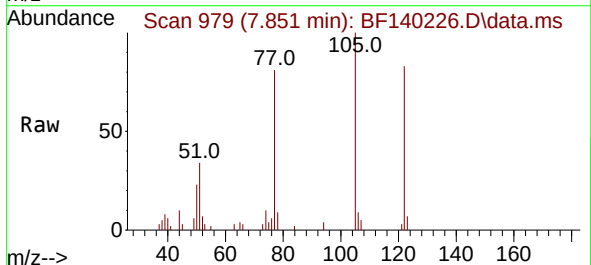
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

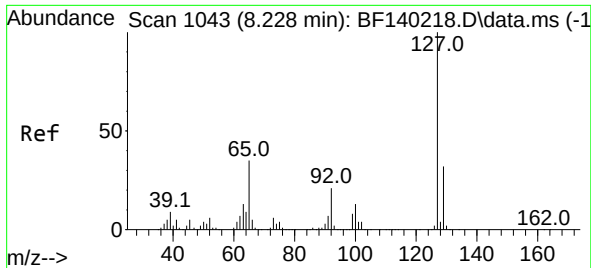
Tgt Ion:128 Resp: 177268
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 12.8 10.6 16.0



#32
Benzoic acid
Concen: 2.404 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.071 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:122 Resp: 15996
Ion Ratio Lower Upper
122 100
105 120.5 111.7 151.7
77 97.5 84.6 124.6

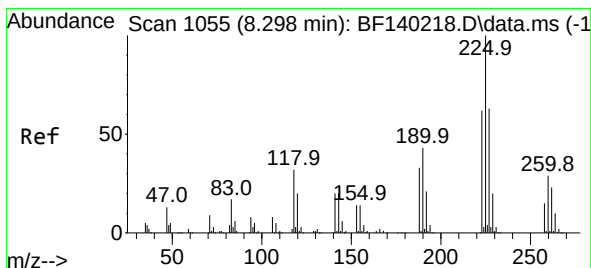
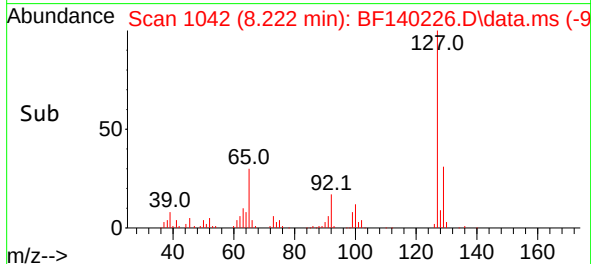
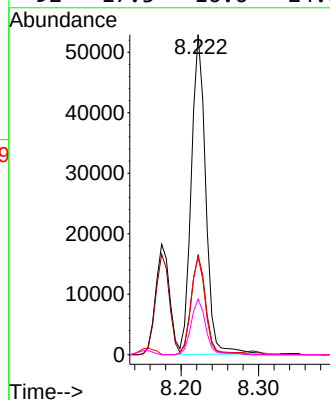
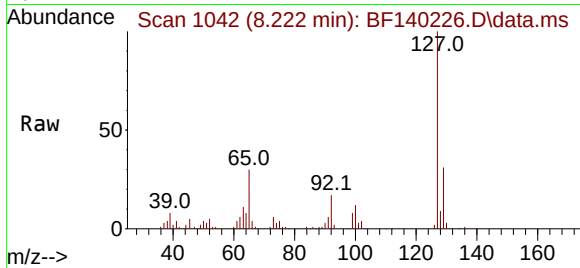




#33
4-Chloroaniline
Concen: 5.404 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

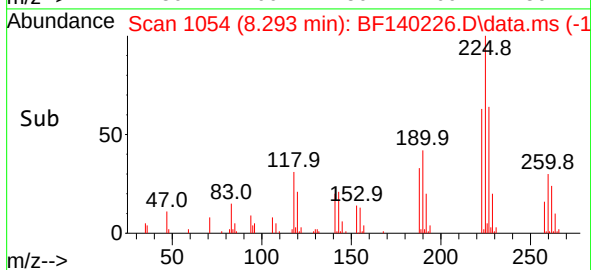
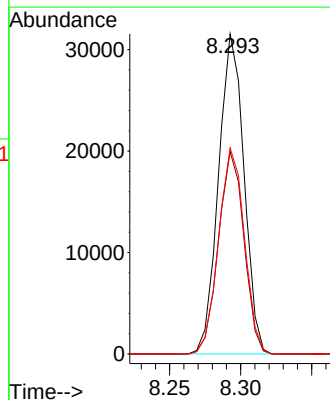
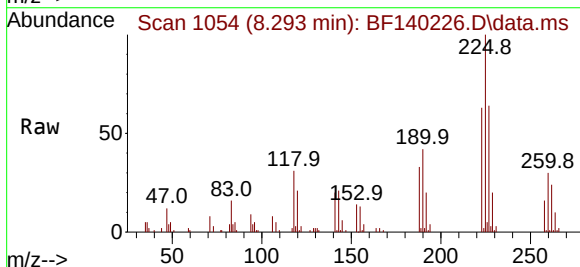
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

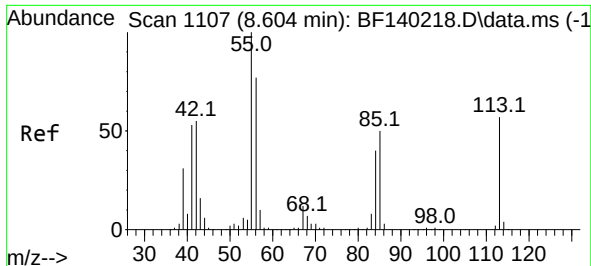
Tgt Ion:	127	Resp:	68115
Ion Ratio	Lower	Upper	
127	100		
129	31.1	26.1	39.1
65	30.5	28.2	42.2
92	17.3	16.6	24.8



#34
Hexachlorobutadiene
Concen: 4.355 ng
RT: 8.293 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:	225	Resp:	39264
Ion Ratio	Lower	Upper	
225	100		
223	63.2	49.9	74.9
227	64.4	50.3	75.5

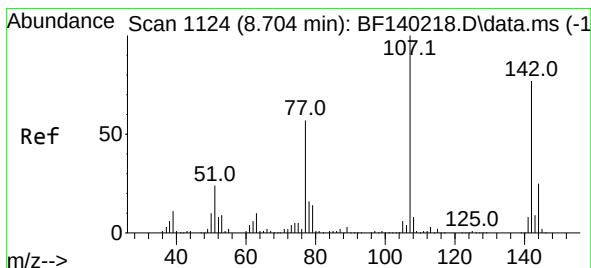
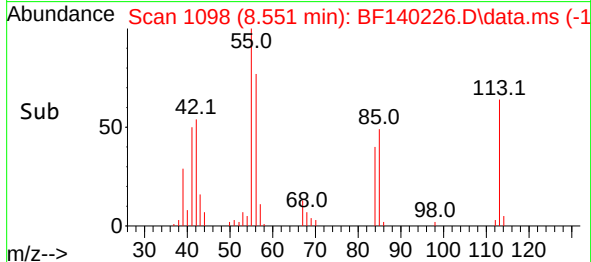
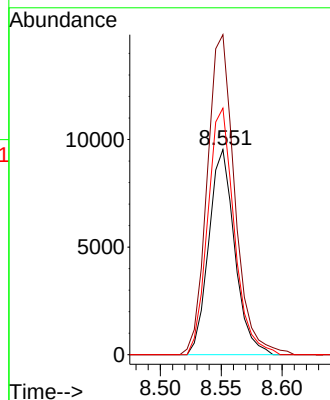
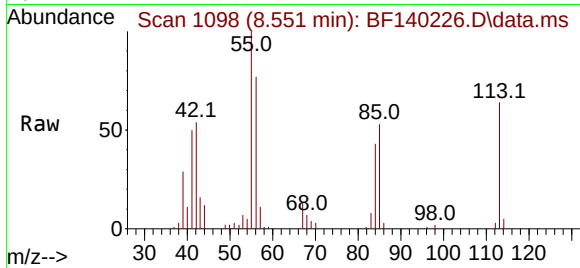




#35
 Caprolactam
 Concen: 4.496 ng
 RT: 8.551 min Scan# 1107
 Delta R.T. -0.053 min
 Lab File: BF140226.D
 Acq: 04 Nov 2024 18:41

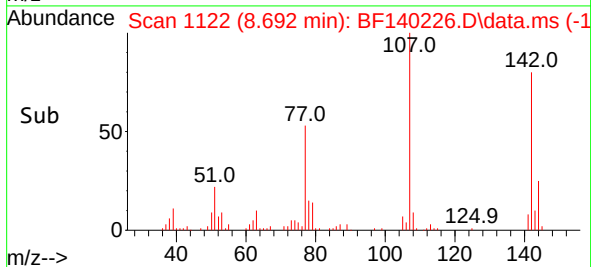
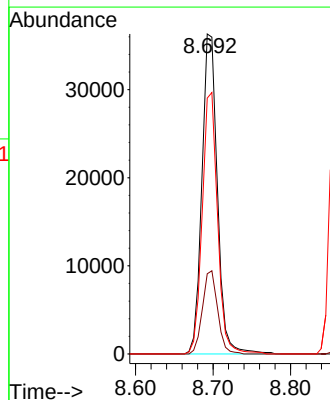
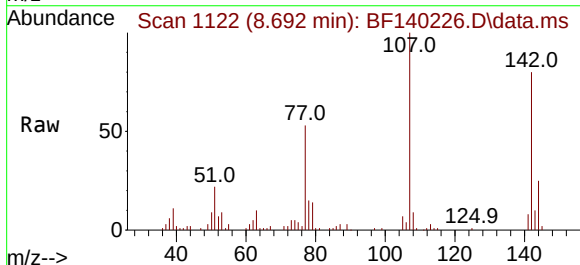
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2024

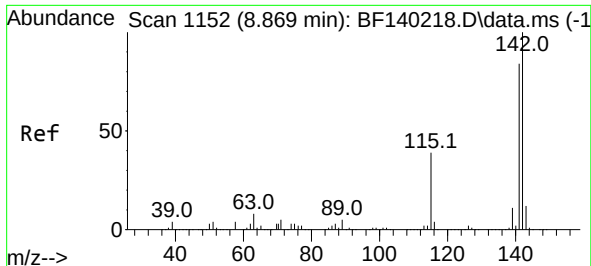
Tgt Ion:113 Resp: 14117
 Ion Ratio Lower Upper
 113 100
 55 156.0 154.9 194.9
 56 120.2 115.2 155.2



#36
 4-Chloro-3-methylphenol
 Concen: 4.382 ng
 RT: 8.692 min Scan# 1122
 Delta R.T. -0.012 min
 Lab File: BF140226.D
 Acq: 04 Nov 2024 18:41

Tgt Ion:107 Resp: 50502
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.8 29.8
 142 79.9 61.3 91.9

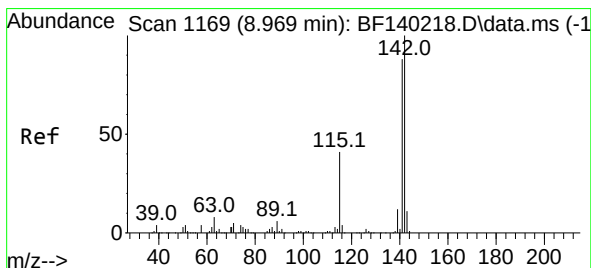
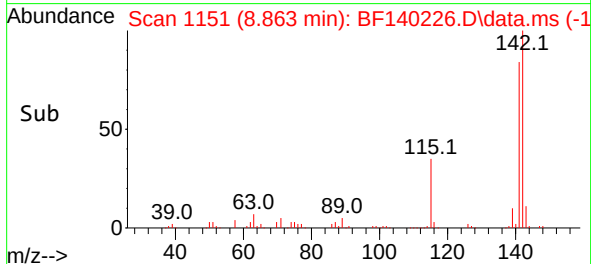
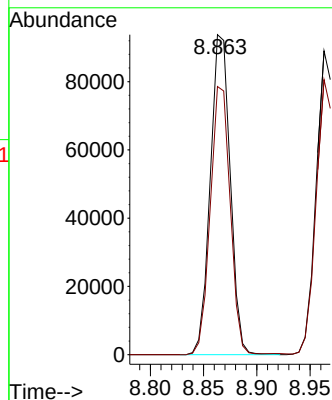
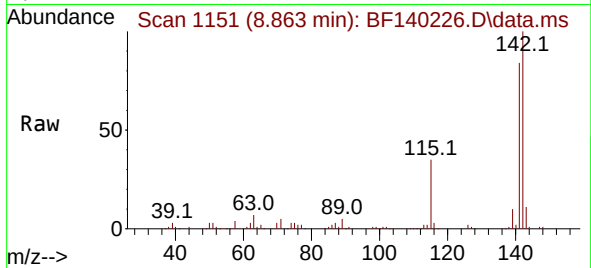




#37
2-Methylnaphthalene
Concen: 4.809 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

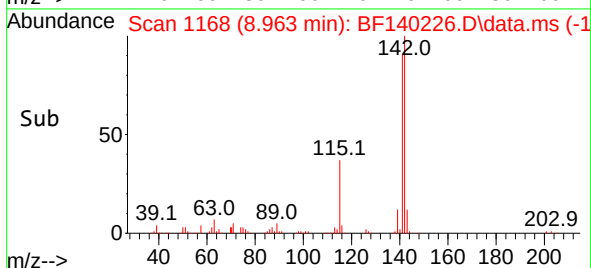
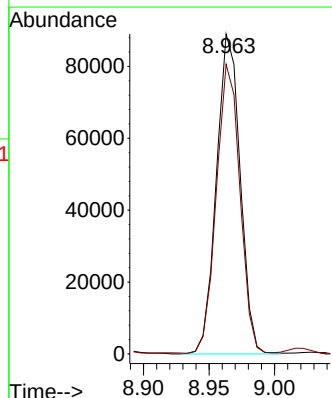
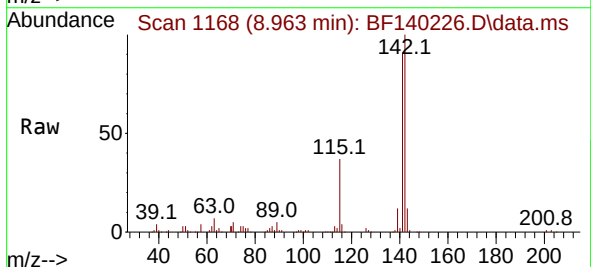
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

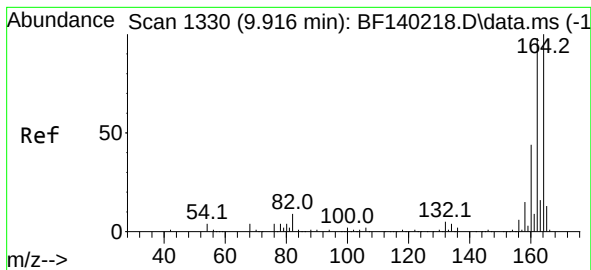
Tgt Ion:142 Resp: 122059
Ion Ratio Lower Upper
142 100
141 83.8 67.4 101.2



#38
1-Methylnaphthalene
Concen: 4.505 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:142 Resp: 111924
Ion Ratio Lower Upper
142 100
141 90.5 70.6 106.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

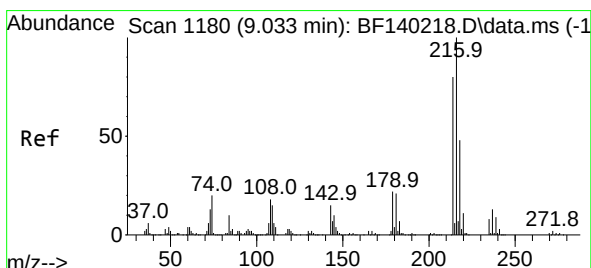
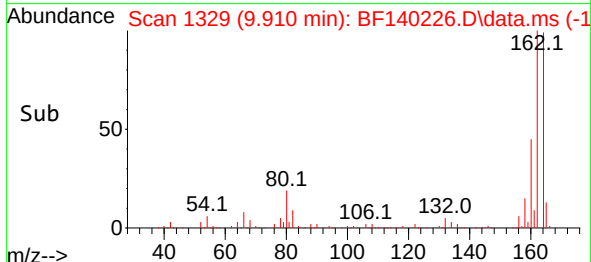
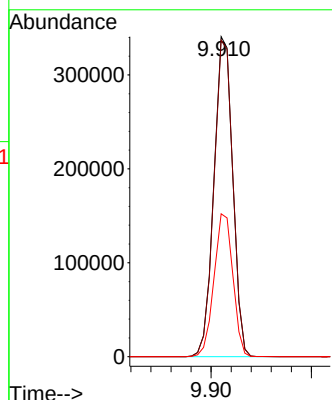
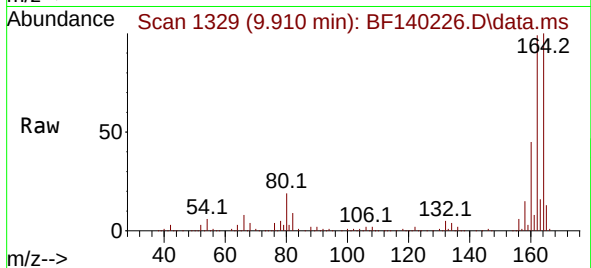
Tgt Ion:164 Resp: 443013

Ion Ratio Lower Upper

164 100

162 99.0 78.5 117.7

160 44.6 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.912 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Tgt Ion:216 Resp: 67160

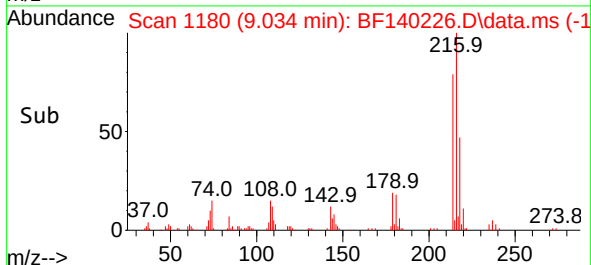
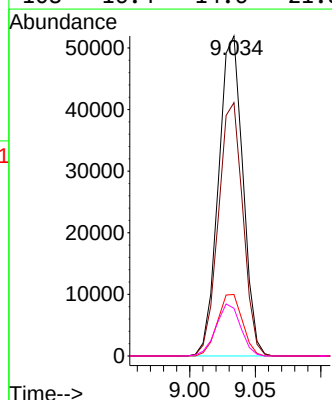
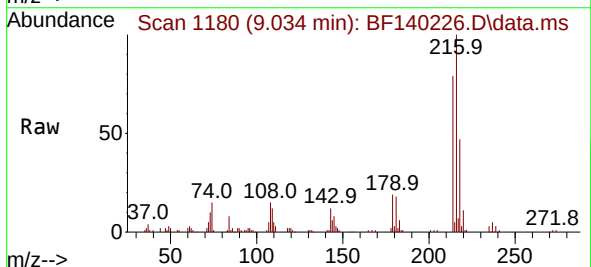
Ion Ratio Lower Upper

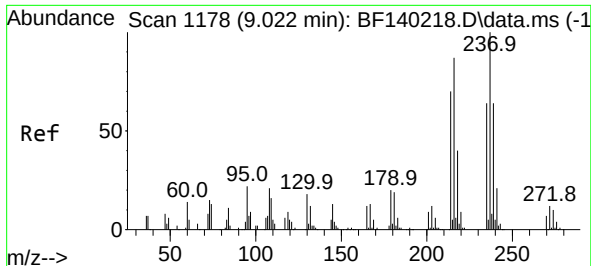
216 100

214 79.4 63.3 94.9

179 19.6 17.2 25.8

108 16.4 14.6 21.8

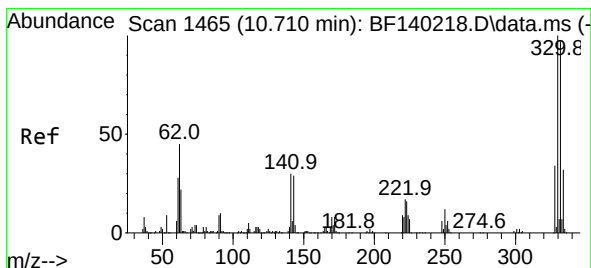
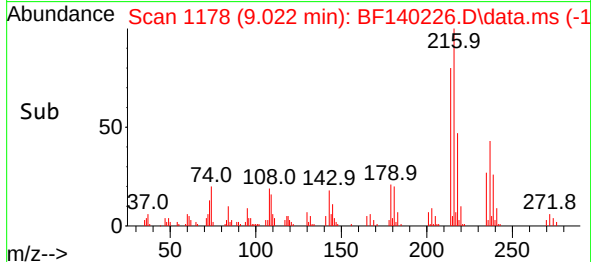
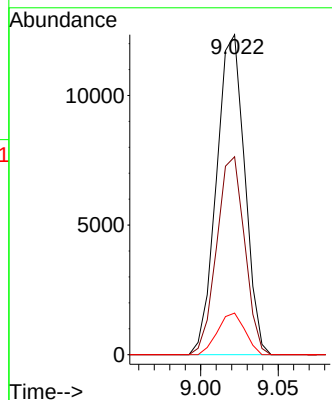
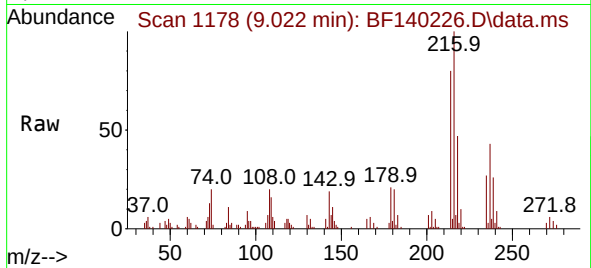




#41
Hexachlorocyclopentadiene
Concen: 4.175 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

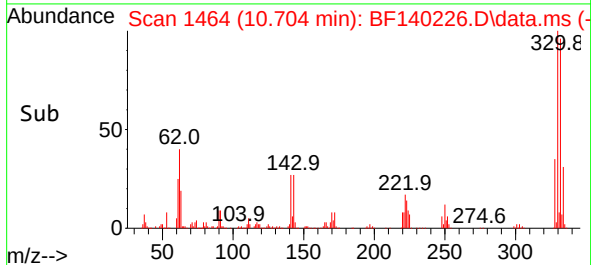
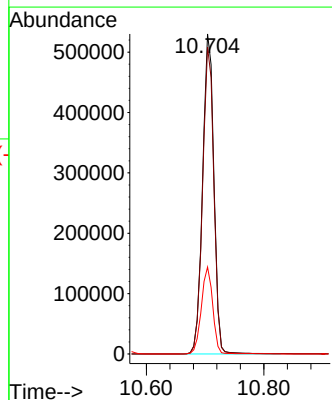
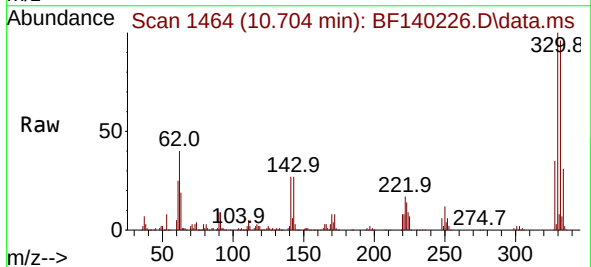
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

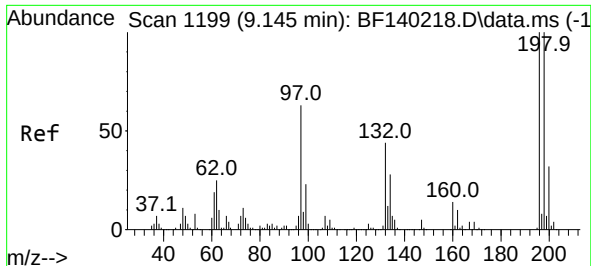
Tgt Ion:237 Resp: 15656
Ion Ratio Lower Upper
237 100
235 61.8 43.7 83.7
272 13.0 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 144.304 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:330 Resp: 704870
Ion Ratio Lower Upper
330 100
332 96.1 77.7 116.5
141 27.3 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 4.464 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

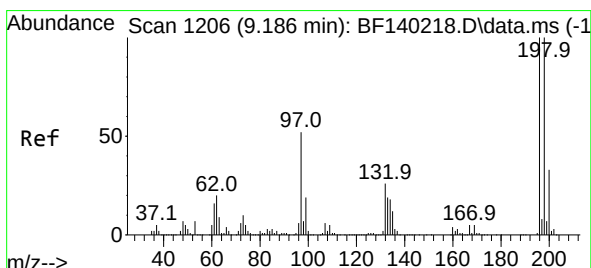
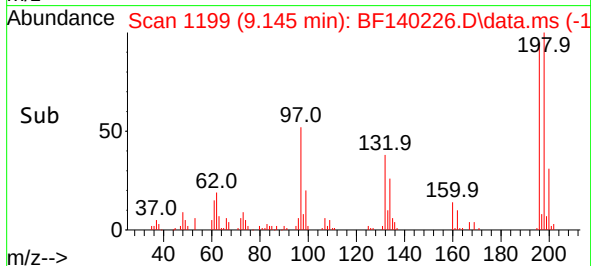
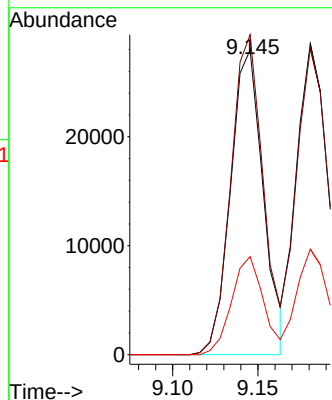
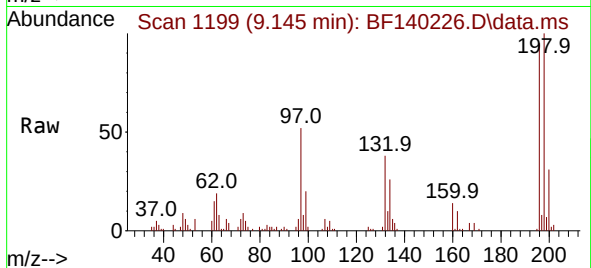
Tgt Ion:196 Resp: 37274

Ion Ratio Lower Upper

196 100

198 105.0 79.9 119.9

200 32.2 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 4.285 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Tgt Ion:196 Resp: 37383

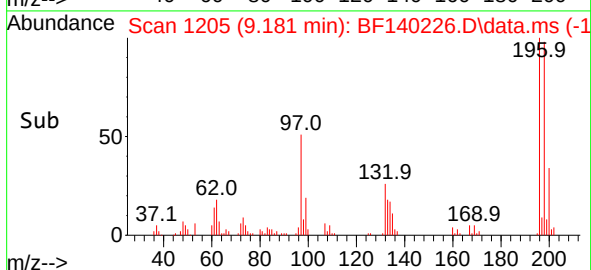
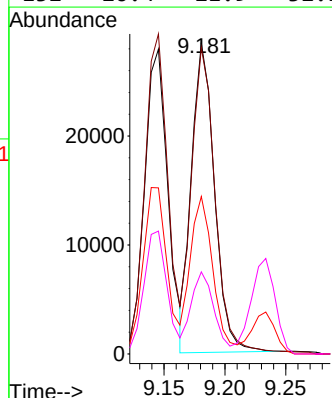
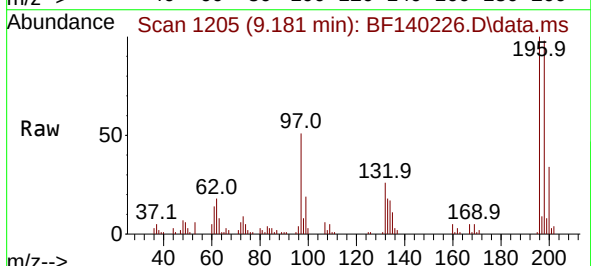
Ion Ratio Lower Upper

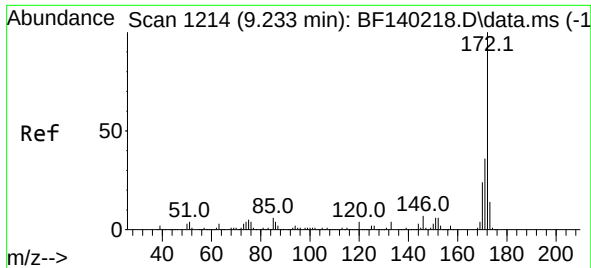
196 100

198 98.5 80.1 120.1

97 50.6 43.4 65.2

132 26.4 21.9 32.9

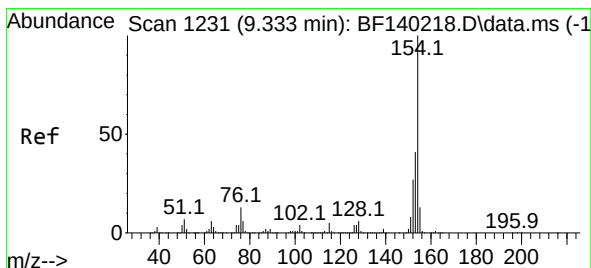
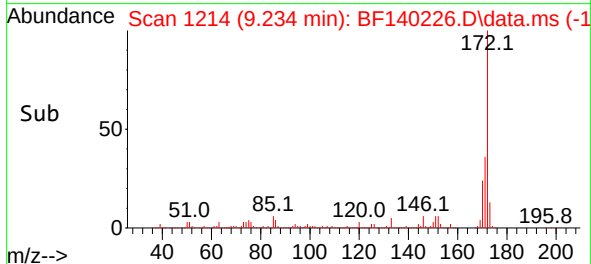
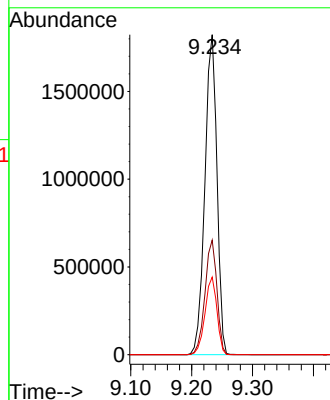
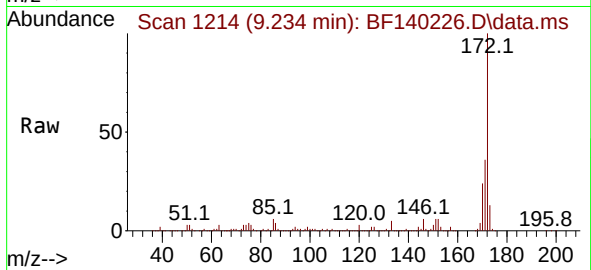




#45
2-Fluorobiphenyl
Concen: 88.650 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

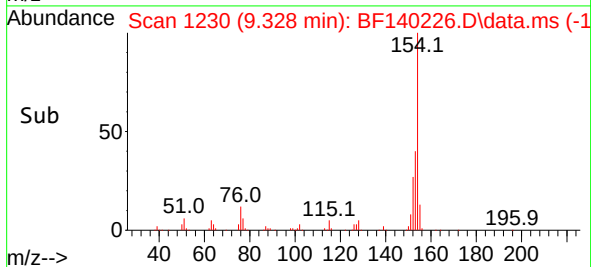
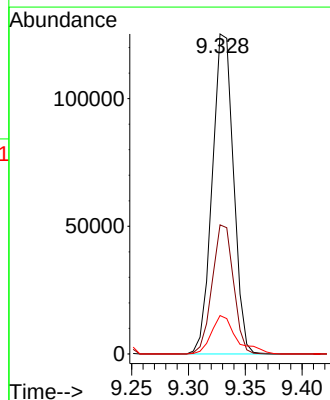
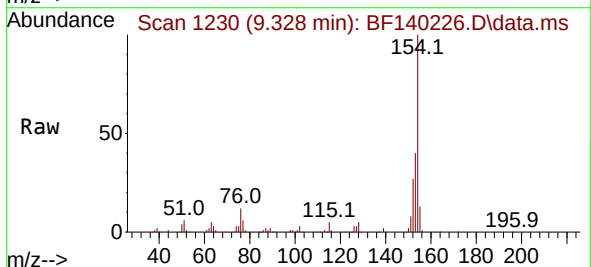
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

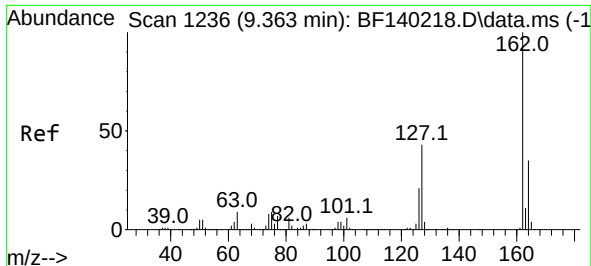
Tgt Ion:172 Resp: 2512585
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.2 19.2 28.8



#46
1,1'-Biphenyl
Concen: 5.079 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:154 Resp: 163315
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 12.0 0.0 32.7





#47

2-Chloronaphthalene

Concen: 4.781 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

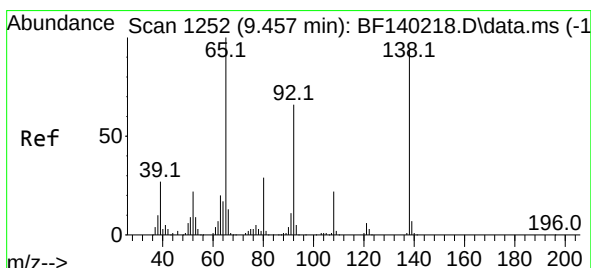
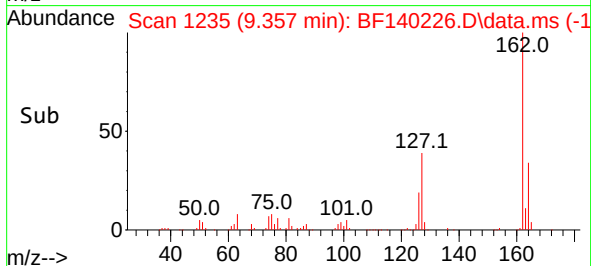
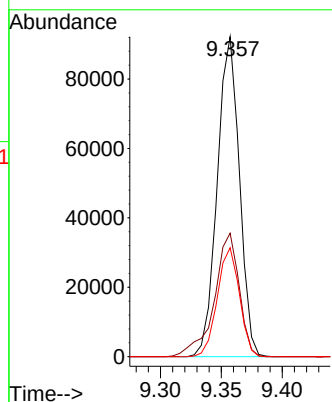
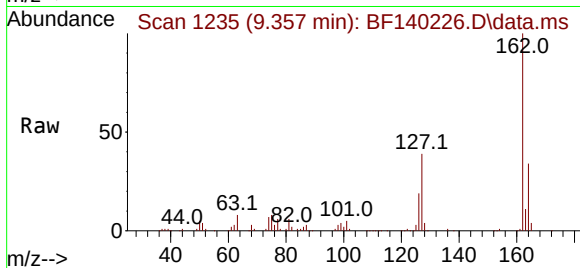
Tgt Ion:162 Resp: 116651

Ion Ratio Lower Upper

162 100

127 38.6 34.2 51.2

164 34.1 27.7 41.5



#48

2-Nitroaniline

Concen: 4.127 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

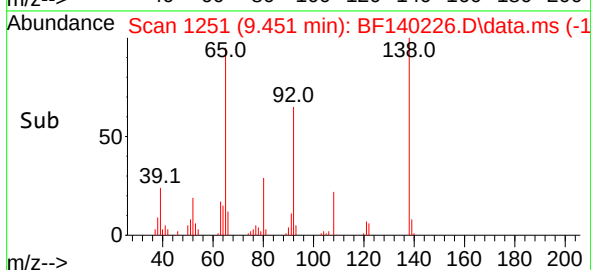
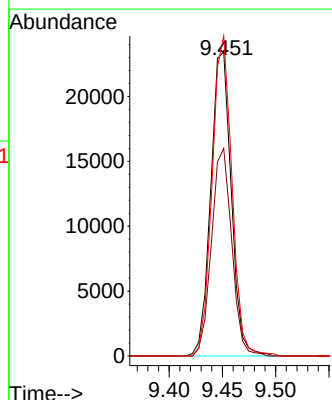
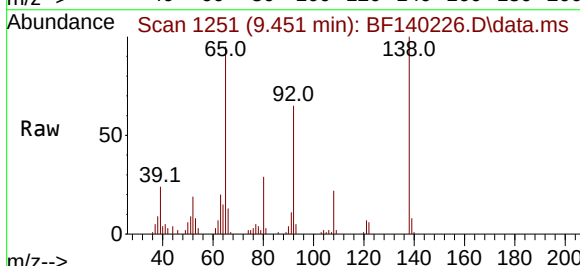
Tgt Ion: 65 Resp: 31298

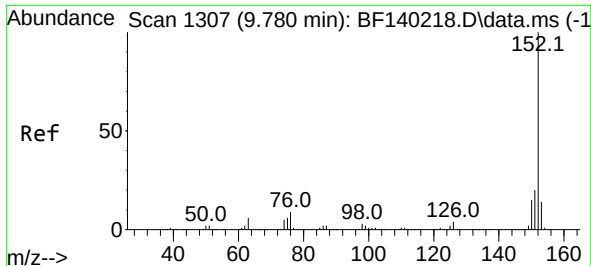
Ion Ratio Lower Upper

65 100

92 68.2 52.5 78.7

138 105.2 75.4 113.0





#49

Acenaphthylene

Concen: 5.311 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

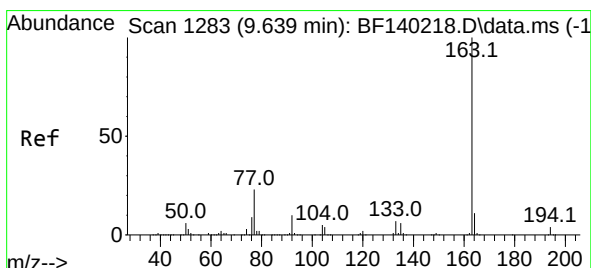
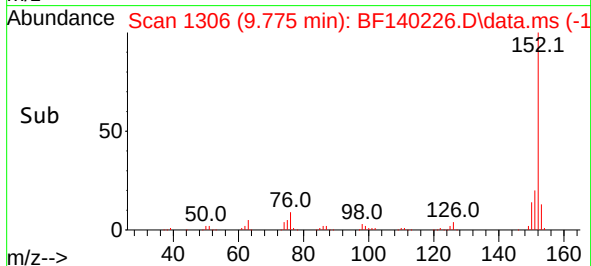
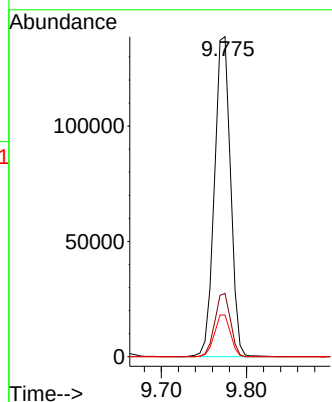
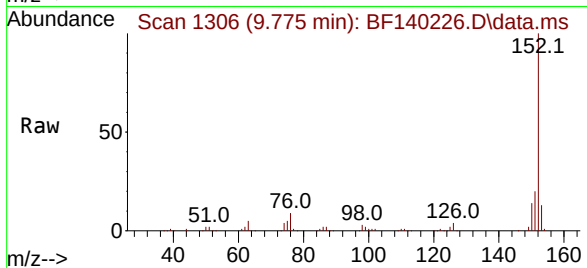
Tgt Ion:152 Resp: 182371

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

153 13.1 11.3 16.9



#50

Dimethylphthalate

Concen: 4.818 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

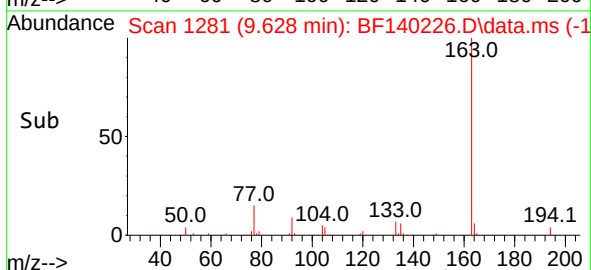
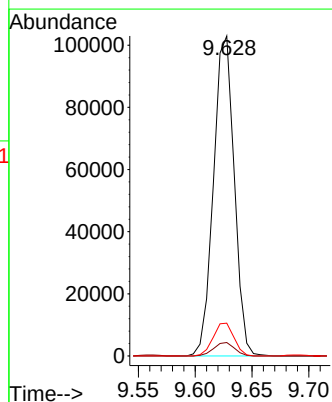
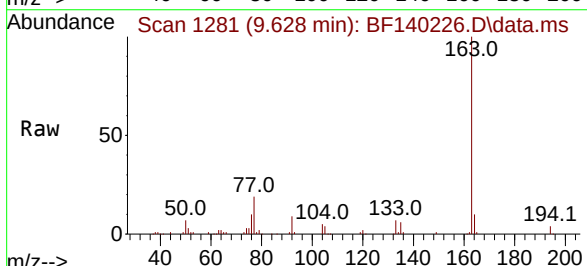
Tgt Ion:163 Resp: 130881

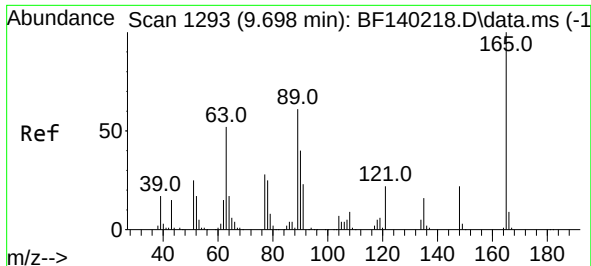
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 8.6 12.8

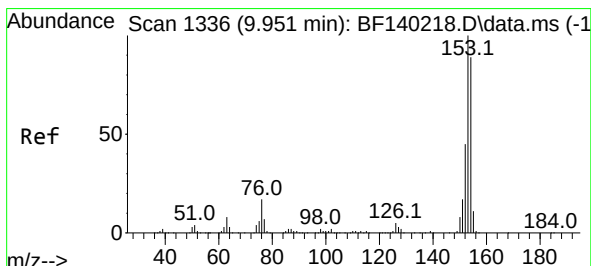
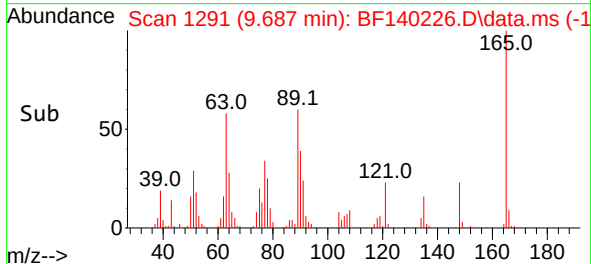
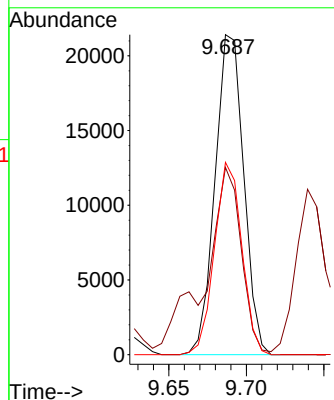
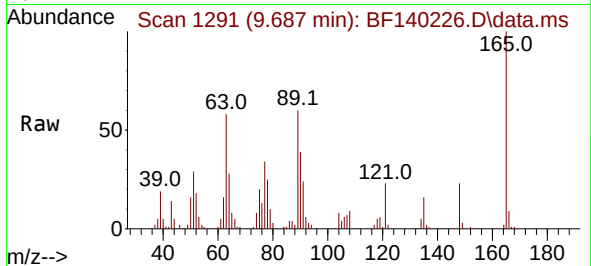




#51
2,6-Dinitrotoluene
Concen: 4.257 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

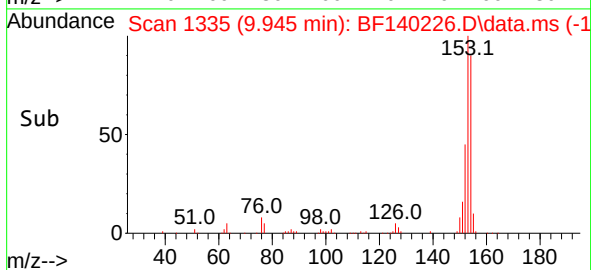
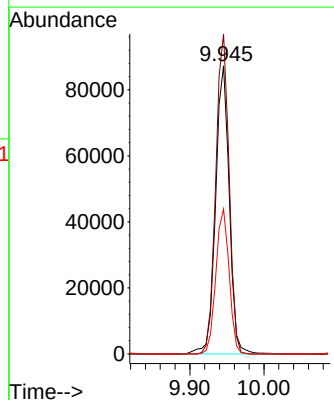
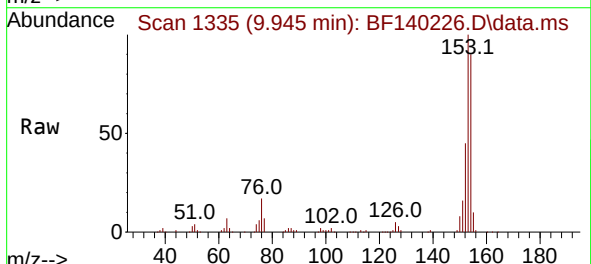
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

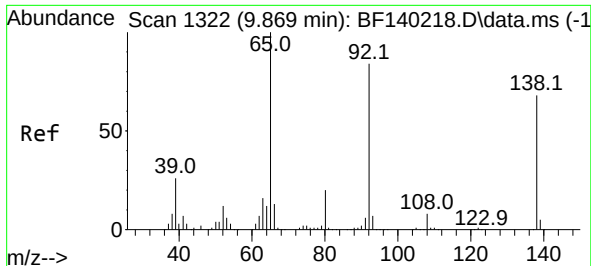
Tgt Ion:165 Resp: 27560
Ion Ratio Lower Upper
165 100
63 58.5 50.7 76.1
89 60.1 49.2 73.8



#52
Acenaphthene
Concen: 4.563 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:154 Resp: 111690
Ion Ratio Lower Upper
154 100
153 111.1 90.4 135.6
152 50.3 41.0 61.6

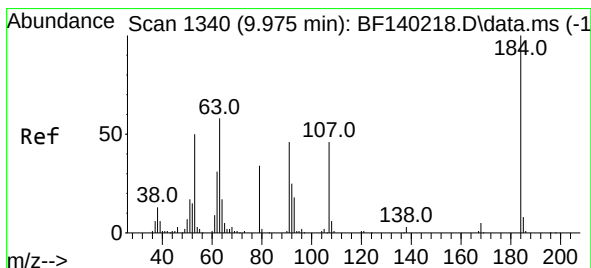
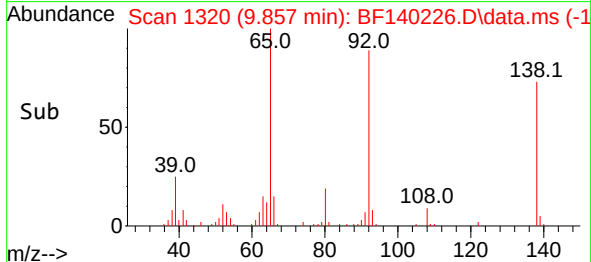
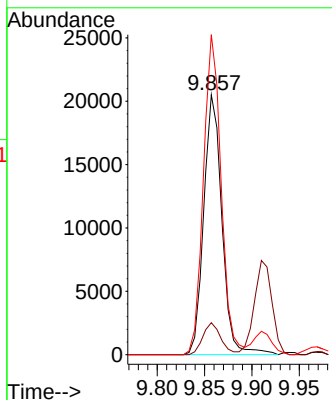
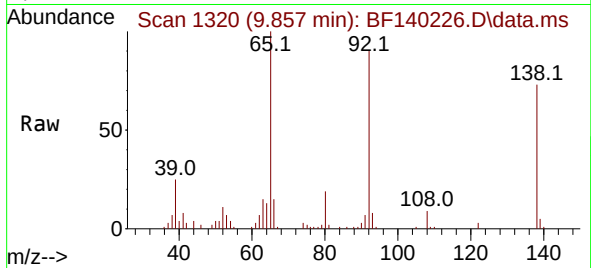




#53
 3-Nitroaniline
 Concen: 4.624 ng
 RT: 9.857 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140226.D
 Acq: 04 Nov 2024 18:41

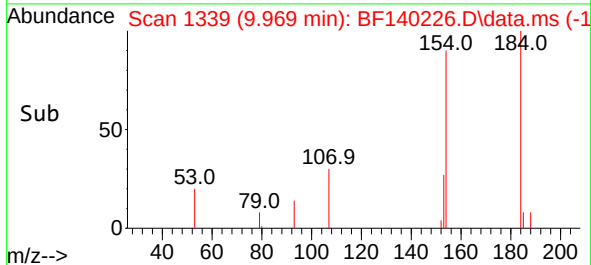
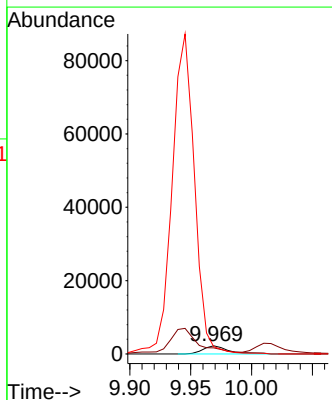
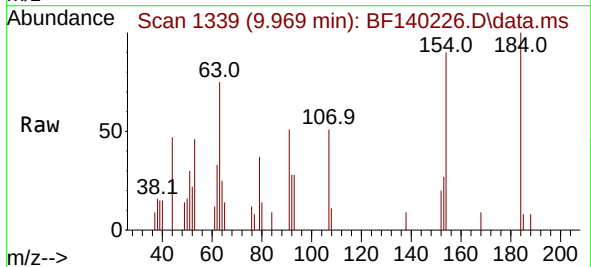
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2024

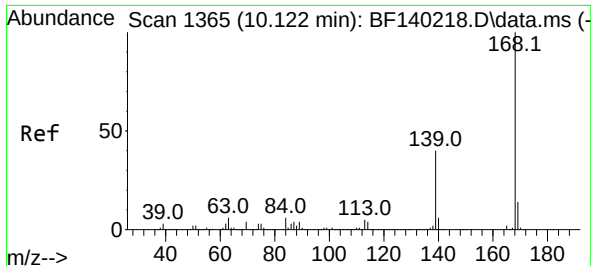
Tgt Ion:138	Resp:	27314
Ion Ratio	Lower	Upper
138	100	
108	12.3	9.0 13.4
92	123.2	99.6 149.4



#54
 2,4-Dinitrophenol
 Concen: 7.256 ng
 RT: 9.969 min Scan# 1339
 Delta R.T. -0.006 min
 Lab File: BF140226.D
 Acq: 04 Nov 2024 18:41

Tgt Ion:184	Resp:	3259
Ion Ratio	Lower	Upper
184	100	
63	75.0	55.0 82.4
154	89.9	58.6 87.8#

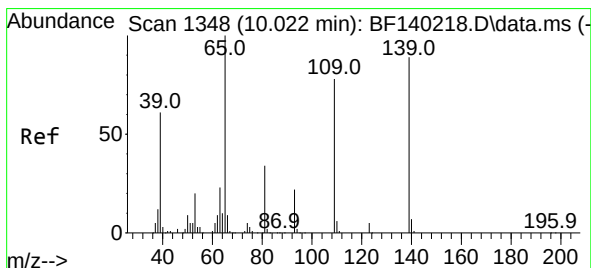
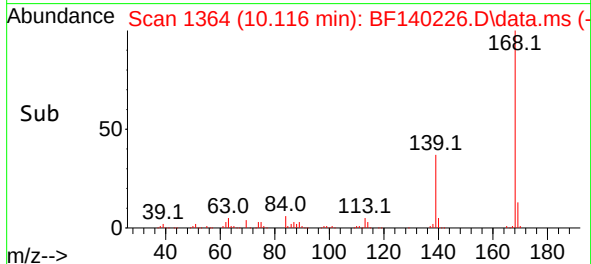
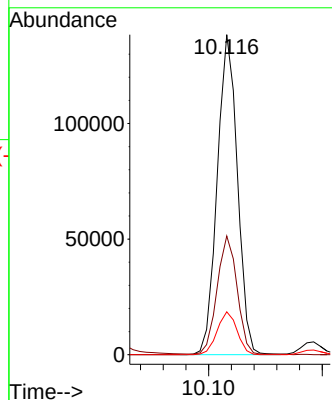
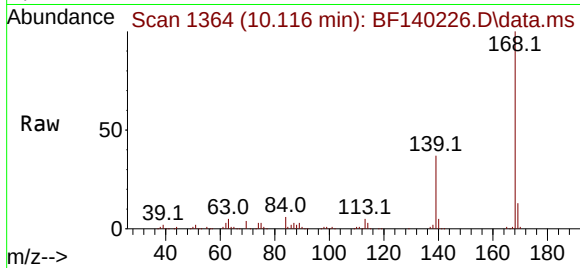




#55
Dibenzenofuran
Concen: 4.950 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

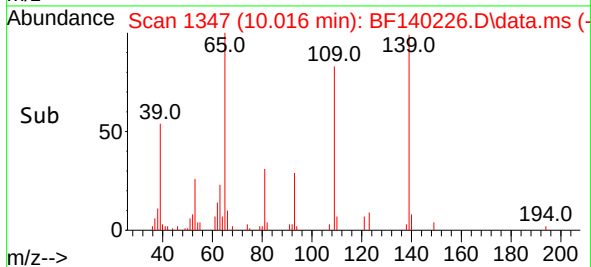
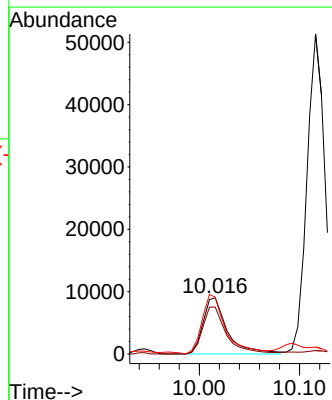
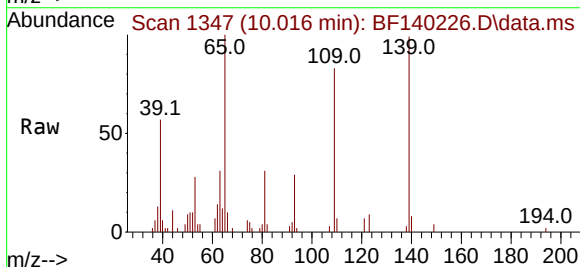
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2024

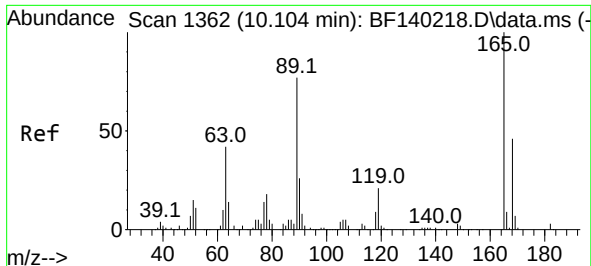
Tgt Ion:168 Resp: 171148
Ion Ratio Lower Upper
168 100
139 37.1 32.0 48.0
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 3.485 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:139 Resp: 15234
Ion Ratio Lower Upper
139 100
109 83.5 68.1 108.1
65 100.9 93.8 133.8

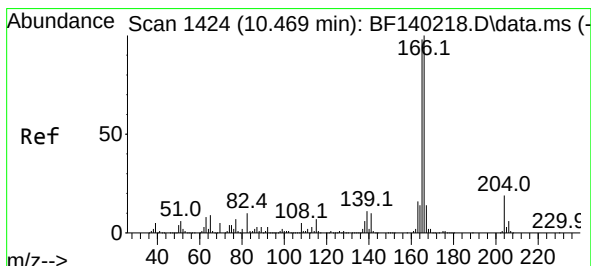
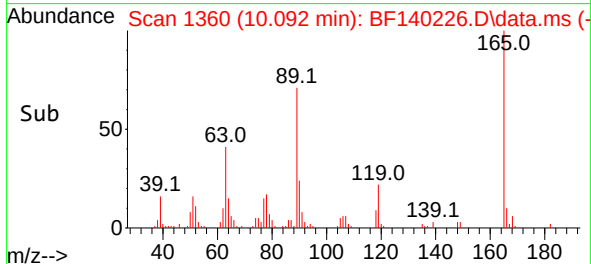
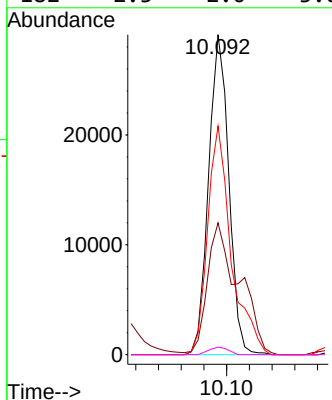
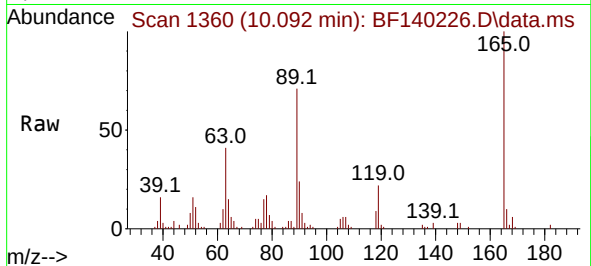




#57
2,4-Dinitrotoluene
Concen: 4.251 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

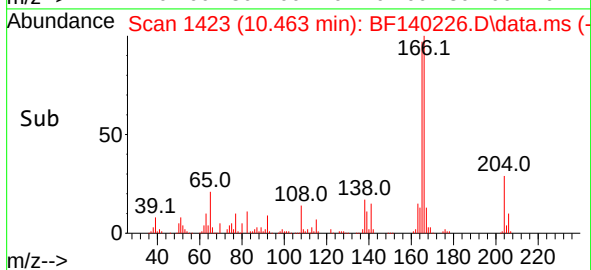
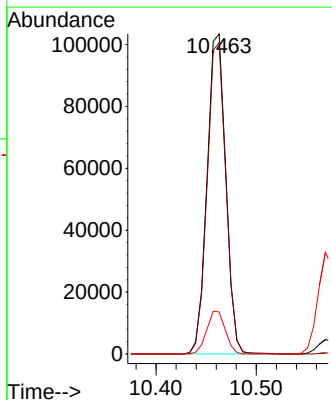
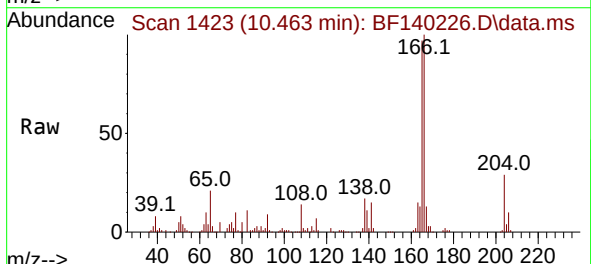
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

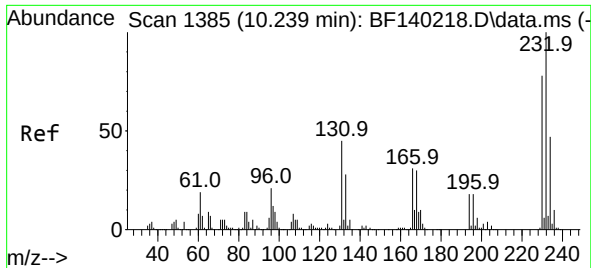
Tgt Ion:165	Resp:	36026
Ion Ratio	Lower	Upper
165	100	
63	41.2	39.7 59.5
89	71.4	61.4 92.0
182	2.3	2.0 3.0



#58
Fluorene
Concen: 4.861 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:166	Resp:	134401
Ion Ratio	Lower	Upper
166	100	
165	97.2	78.6 117.8
167	13.1	10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.526 ng

RT: 10.234 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:232 Resp: 32715

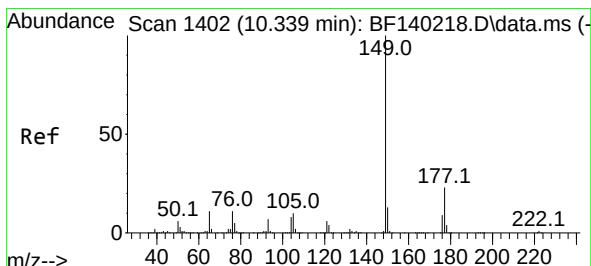
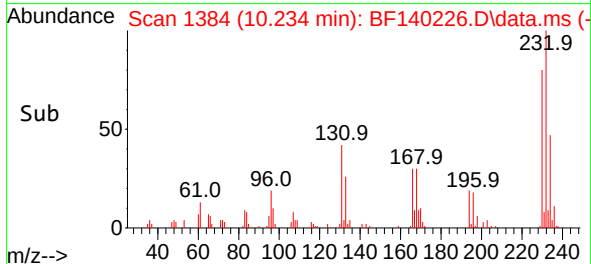
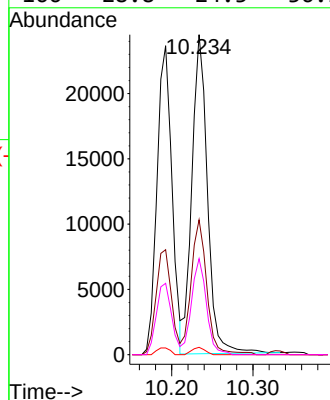
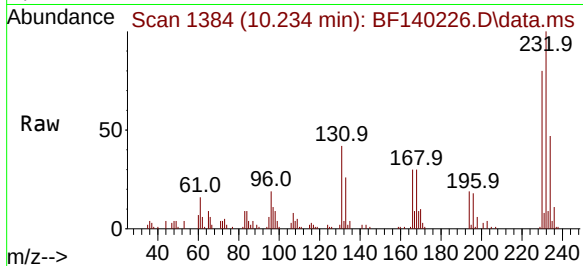
Ion Ratio Lower Upper

232 100

131 42.6 35.4 53.2

130 1.9 1.8 2.8

166 28.8 24.3 36.5



#60

Diethylphthalate

Concen: 4.724 ng

RT: 10.328 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

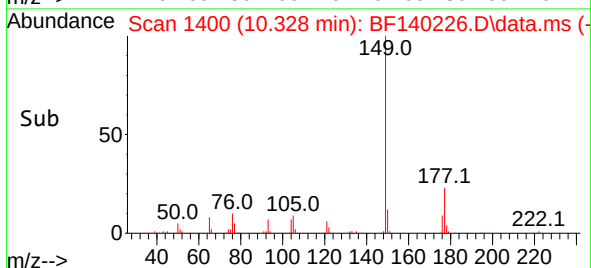
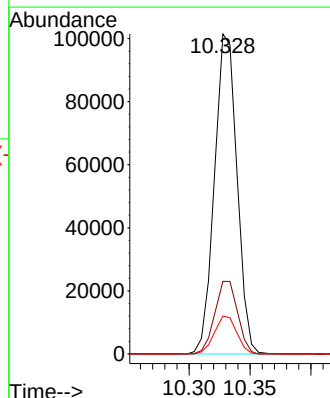
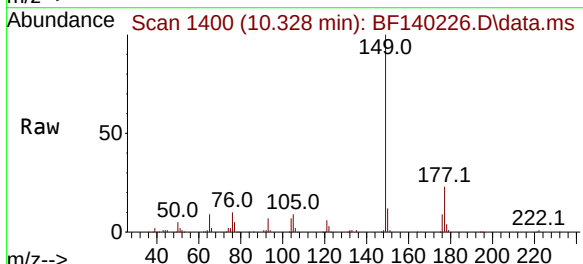
Tgt Ion:149 Resp: 130740

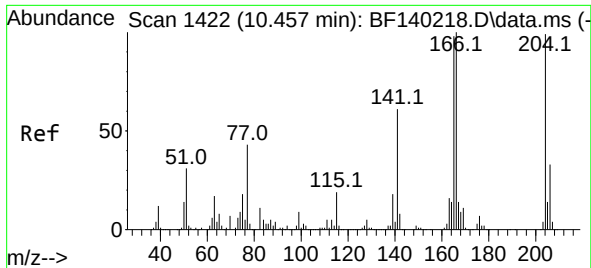
Ion Ratio Lower Upper

149 100

177 22.7 18.2 27.2

150 11.8 10.2 15.2

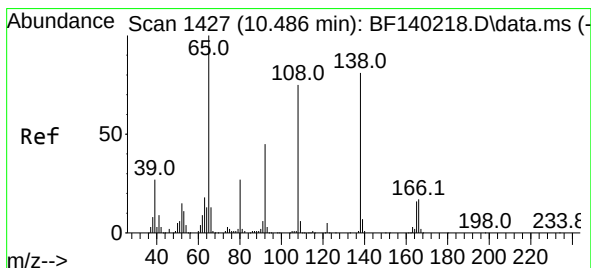
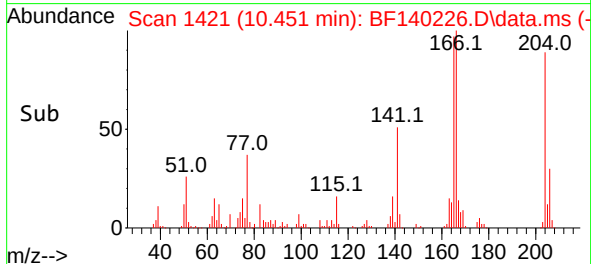
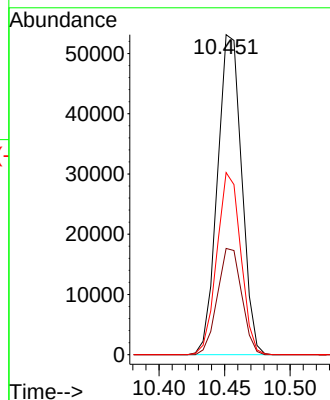
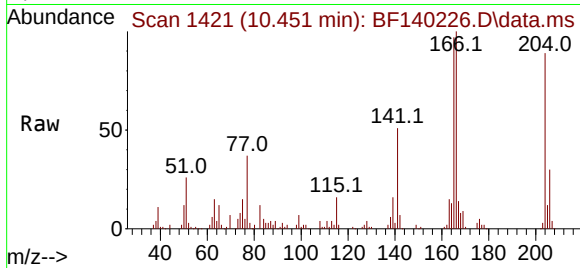




#61
4-Chlorophenyl-phenylether
Concen: 4.795 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

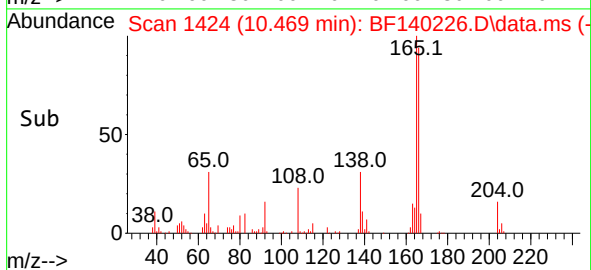
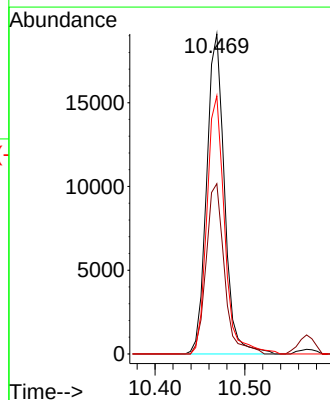
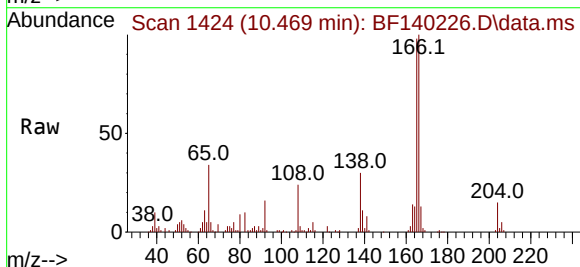
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

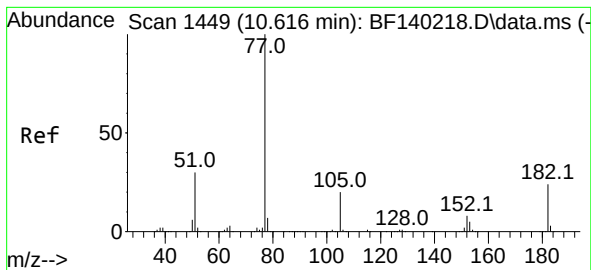
Tgt Ion:204 Resp: 68216
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 56.9 49.3 73.9



#62
4-Nitroaniline
Concen: 4.390 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.017 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:138 Resp: 26364
Ion Ratio Lower Upper
138 100
92 53.2 35.3 75.3
108 80.6 73.1 113.1





#63

Azobenzene

Concen: 4.565 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 77 Resp: 128109

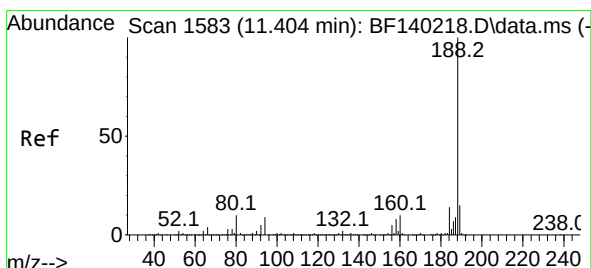
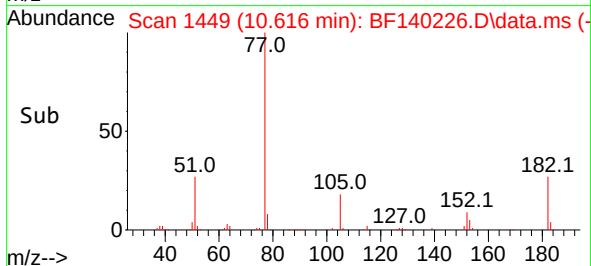
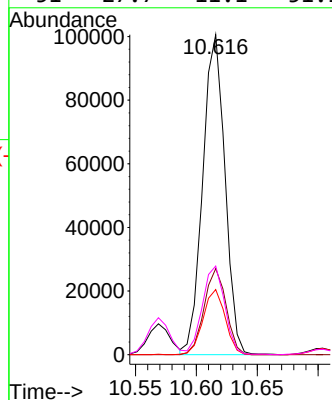
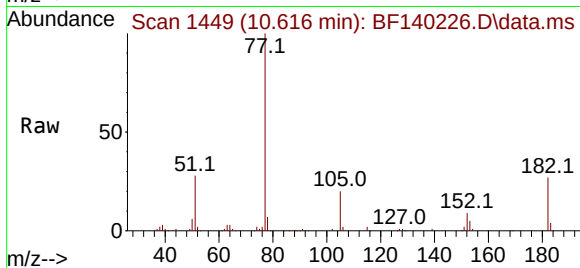
Ion Ratio Lower Upper

77 100

182 26.9 4.0 44.0

105 20.4 0.0 39.5

51 27.7 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: BF140226.D

Acq: 04 Nov 2024 18:41

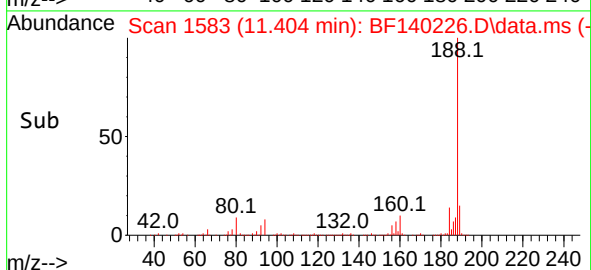
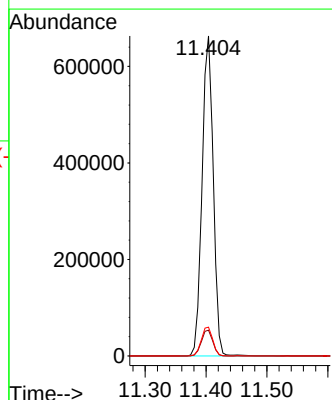
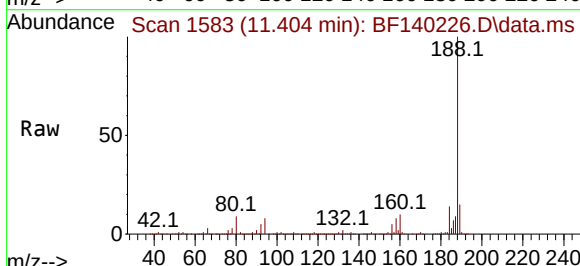
Tgt Ion: 188 Resp: 846681

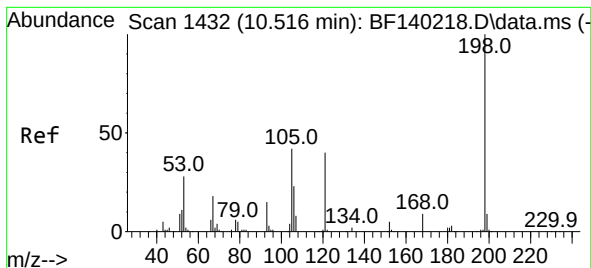
Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 9.0 7.9 11.9

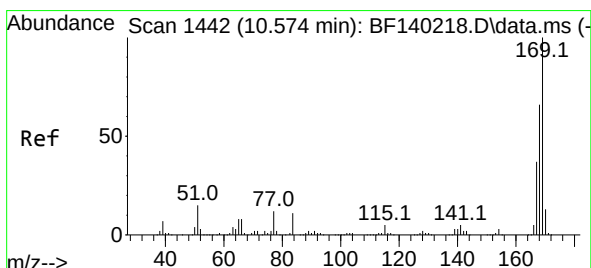
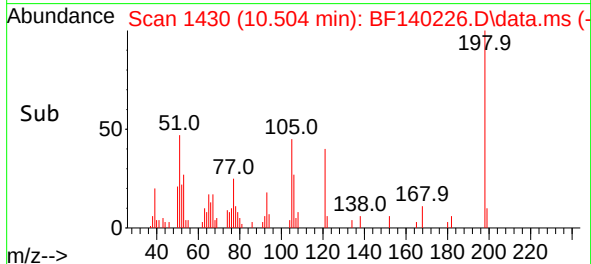
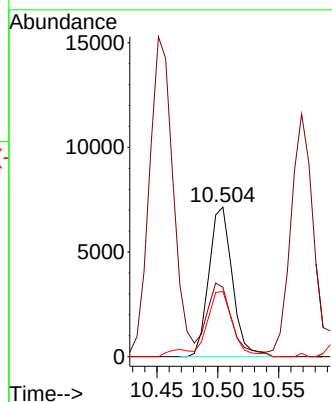
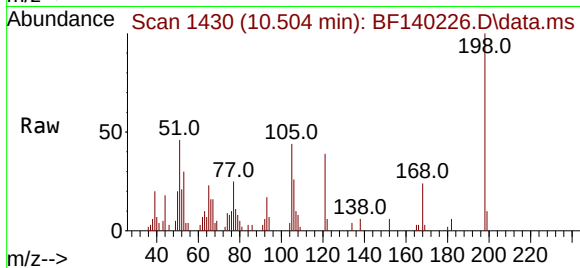




#65
4,6-Dinitro-2-methylphenol
Concen: 2.153 ng
RT: 10.504 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

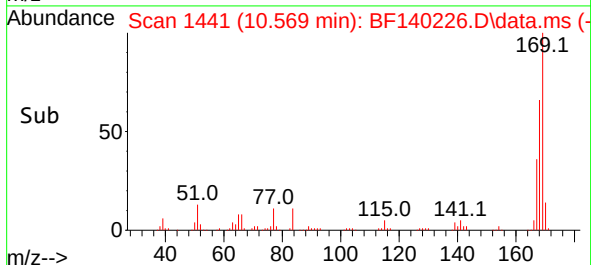
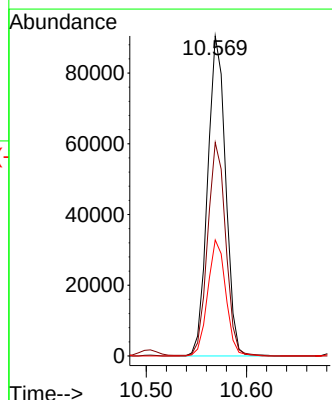
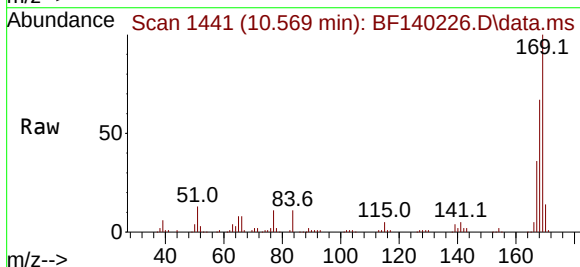
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

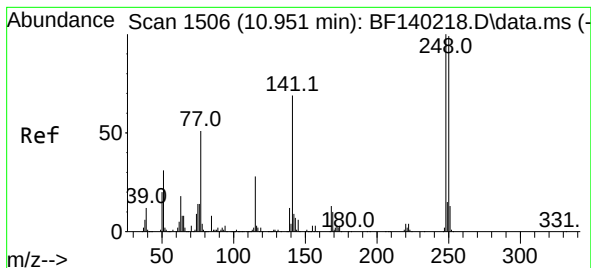
Tgt Ion:198 Resp: 9544
Ion Ratio Lower Upper
198 100
51 46.3 25.4 65.4
105 43.7 22.3 62.3



#66
n-Nitrosodiphenylamine
Concen: 4.635 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:169 Resp: 113043
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.4
167 36.2 29.3 43.9

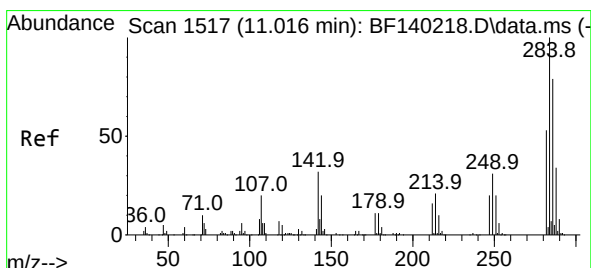
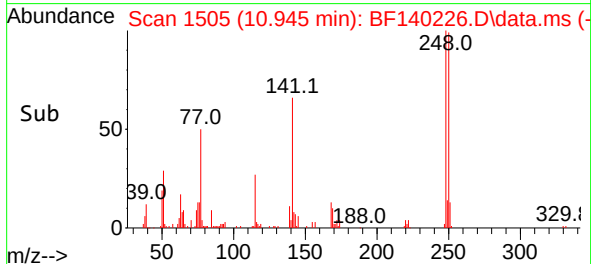
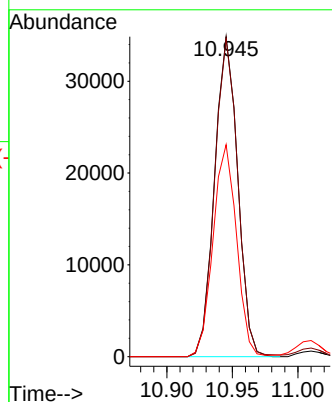
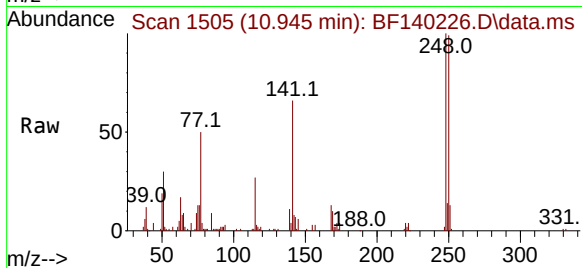




#67
4-Bromophenyl-phenylether
Concen: 4.483 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

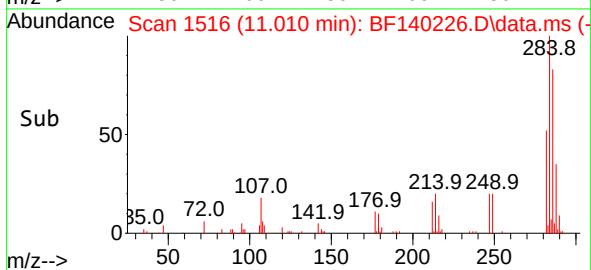
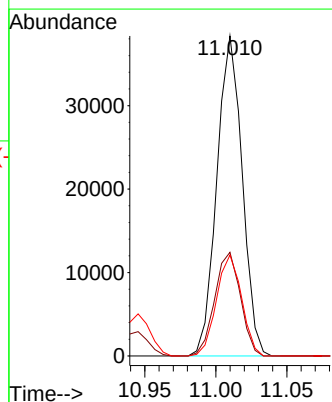
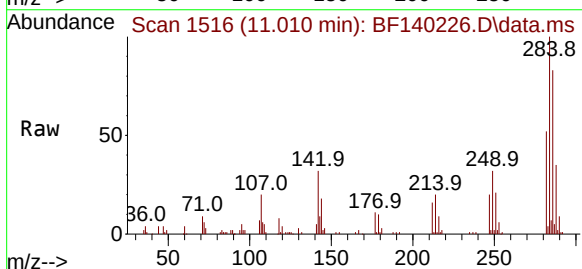
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

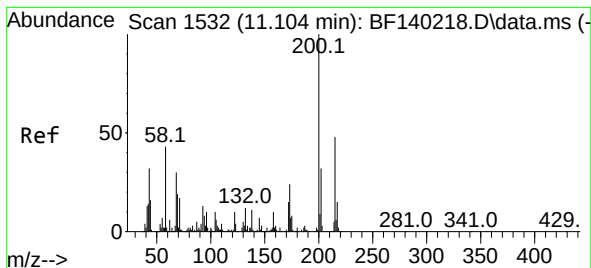
Tgt Ion:248 Resp: 42744
Ion Ratio Lower Upper
248 100
250 99.5 79.0 118.4
141 66.3 55.0 82.6



#68
Hexachlorobenzene
Concen: 4.418 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:284 Resp: 47541
Ion Ratio Lower Upper
284 100
142 32.4 26.2 39.2
249 31.6 25.4 38.0





#69

Atrazine

Concen: 5.776 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

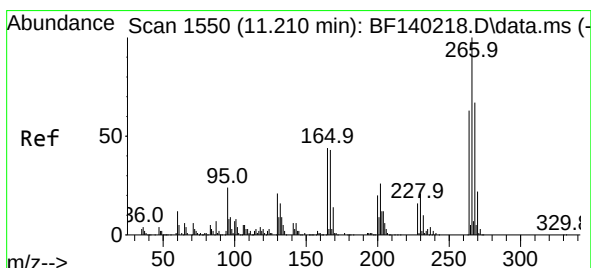
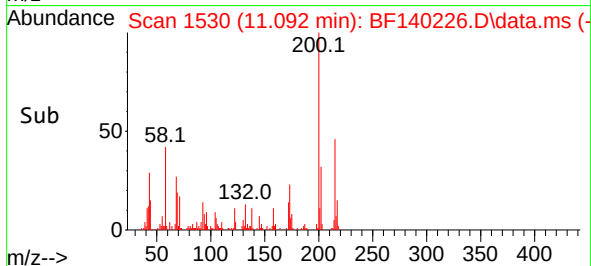
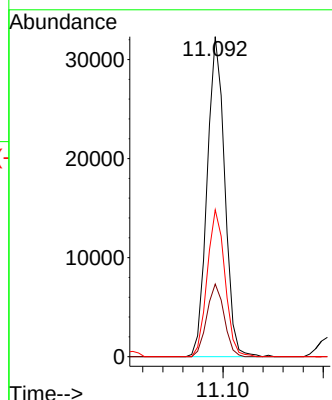
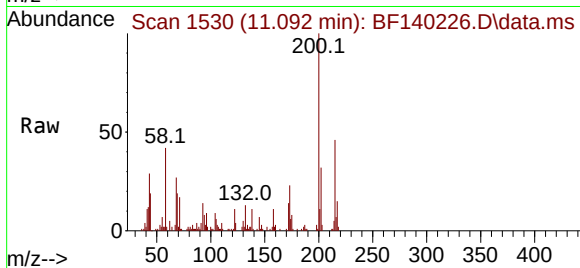
Tgt Ion:200 Resp: 39409

Ion Ratio Lower Upper

200 100

173 22.7 3.9 43.9

215 45.9 27.6 67.6



#70

Pentachlorophenol

Concen: 2.723 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

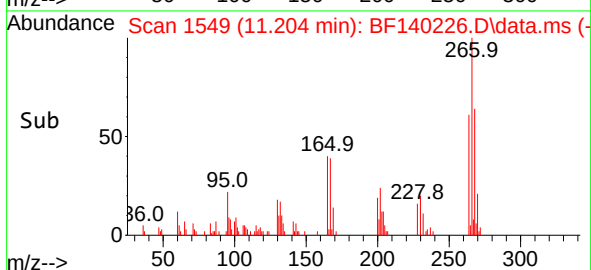
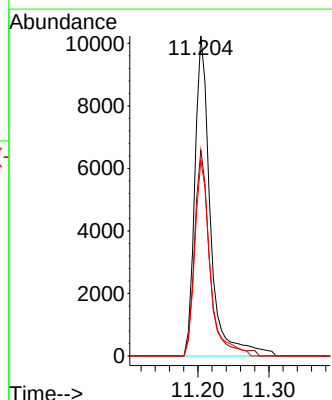
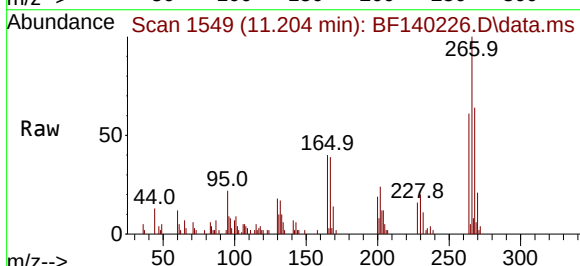
Tgt Ion:266 Resp: 15605

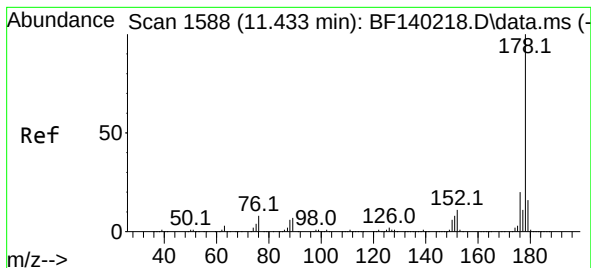
Ion Ratio Lower Upper

266 100

268 64.3 53.9 80.9

264 61.1 50.3 75.5





#71

Phenanthrene

Concen: 4.790 ng

RT: 11.428 min Scan# 1587

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

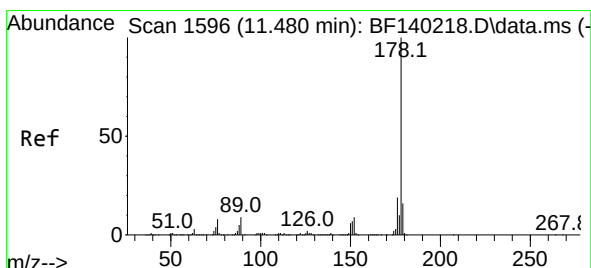
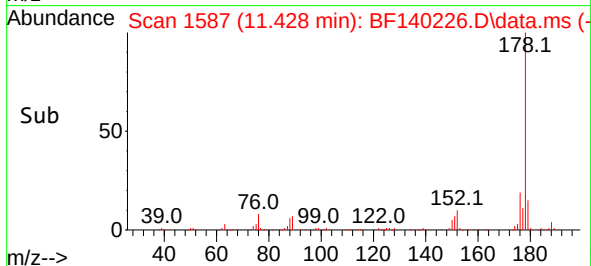
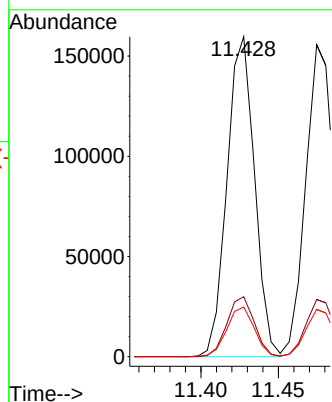
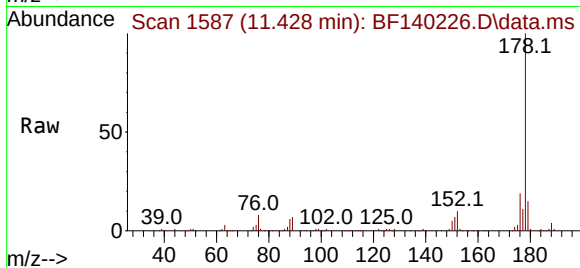
Tgt Ion:178 Resp: 197165

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

179 15.5 12.6 18.8



#72

Anthracene

Concen: 4.950 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

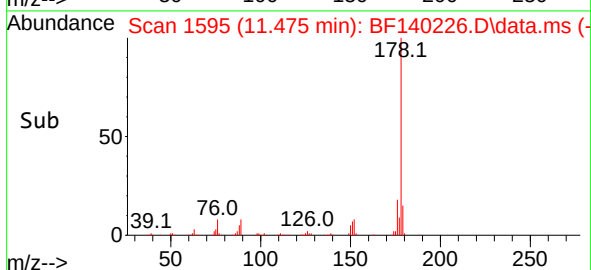
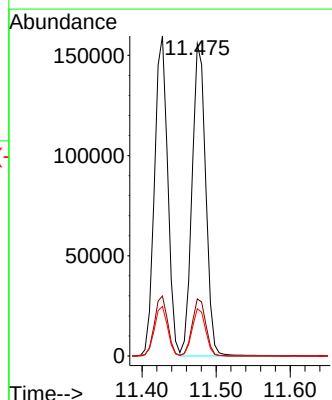
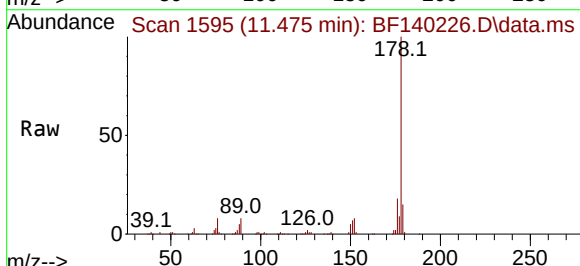
Tgt Ion:178 Resp: 199656

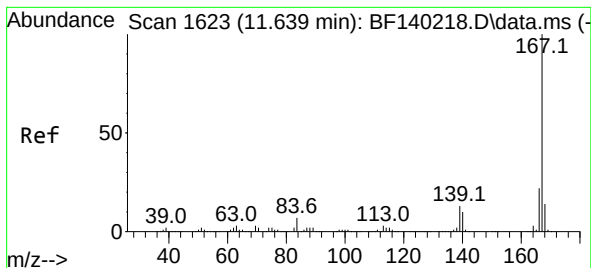
Ion Ratio Lower Upper

178 100

176 18.3 15.3 22.9

179 15.1 12.6 19.0





#73

Carbazole

Concen: 4.623 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

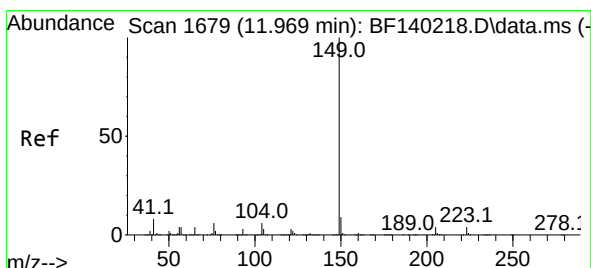
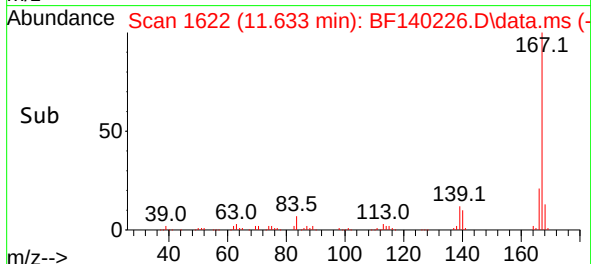
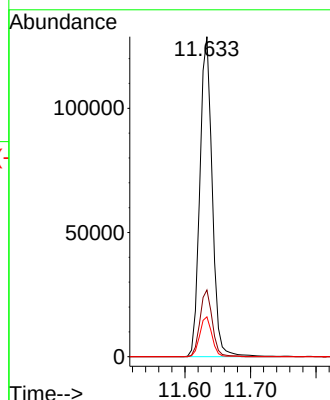
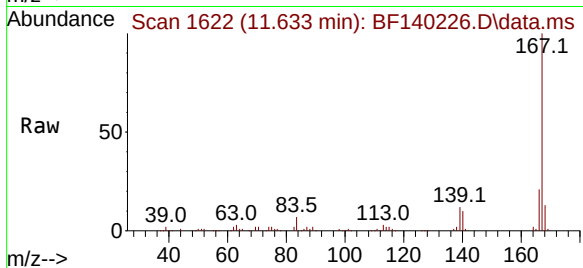
Tgt Ion:167 Resp: 169135

Ion Ratio Lower Upper

167 100

166 20.8 17.3 25.9

139 12.5 10.4 15.6



#74

Di-n-butylphthalate

Concen: 4.543 ng

RT: 11.963 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

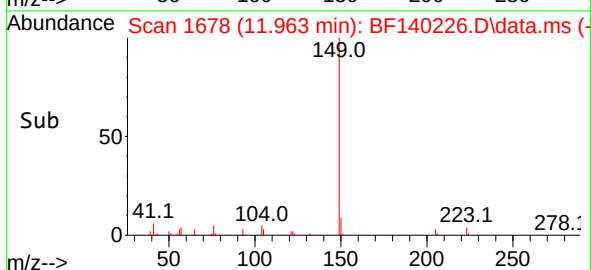
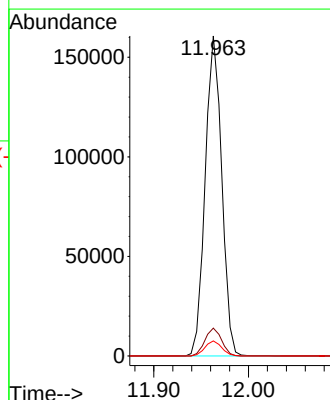
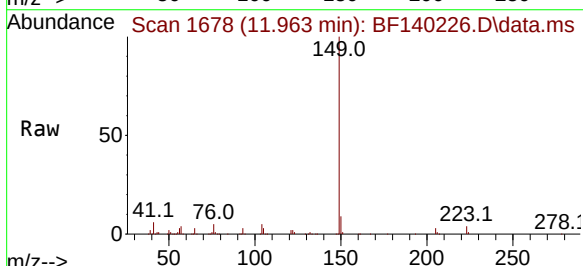
Tgt Ion:149 Resp: 194917

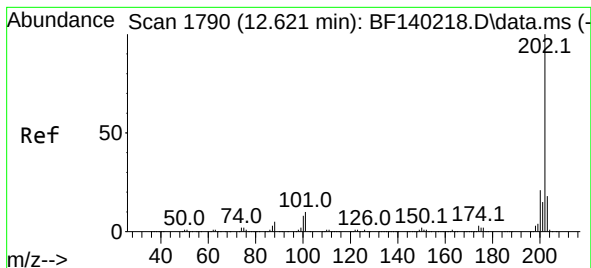
Ion Ratio Lower Upper

149 100

150 8.7 7.5 11.3

104 4.7 4.6 6.8





#75

Fluoranthene

Concen: 4.632 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140226.D

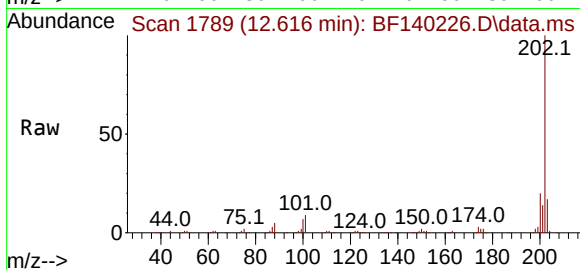
Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024



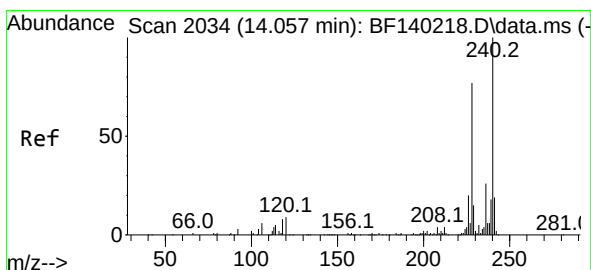
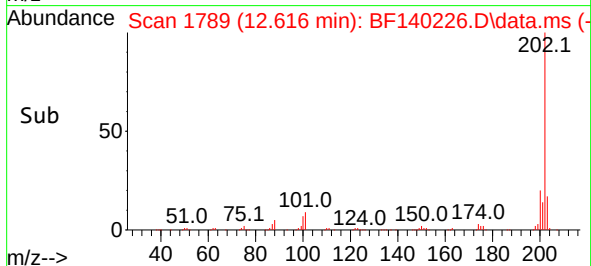
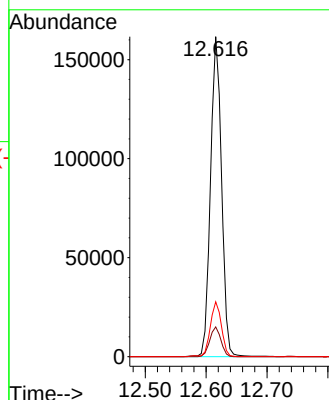
Tgt Ion:202 Resp: 204223

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.6

203 17.1 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

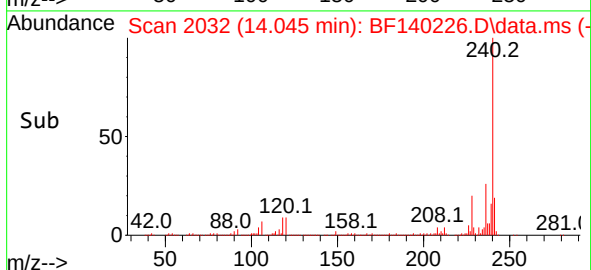
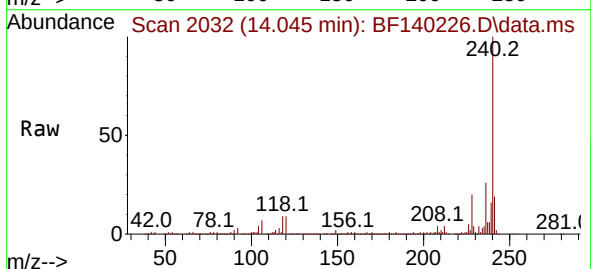
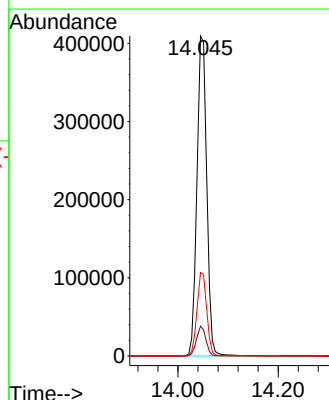
Tgt Ion:240 Resp: 555472

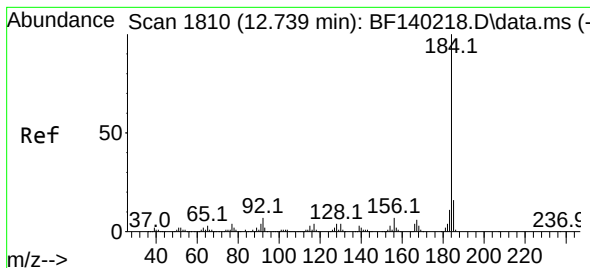
Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.4

236 26.1 20.6 30.8





#77

Benzidine

Concen: 5.298 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

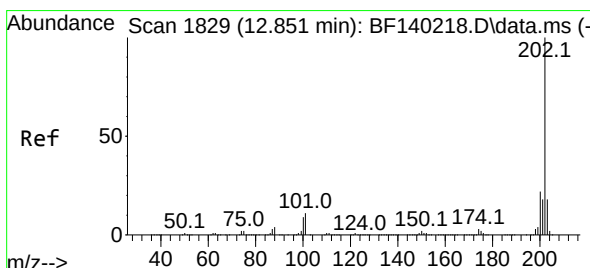
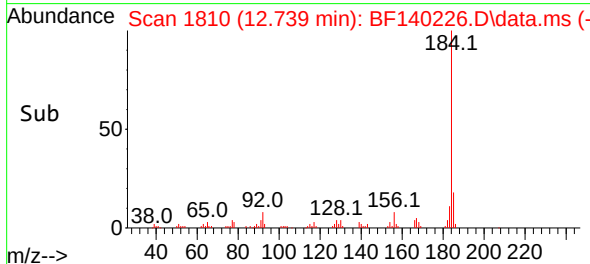
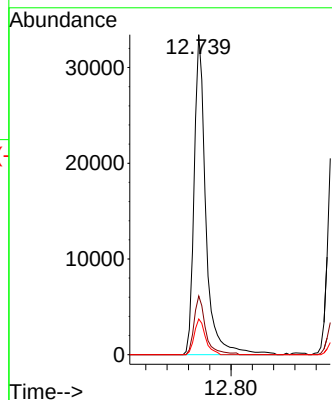
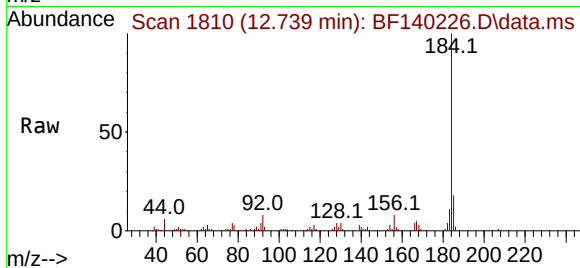
Tgt Ion:184 Resp: 51048

Ion Ratio Lower Upper

184 100

185 18.4 12.4 18.6

183 11.2 9.0 13.6



#78

Pyrene

Concen: 4.634 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

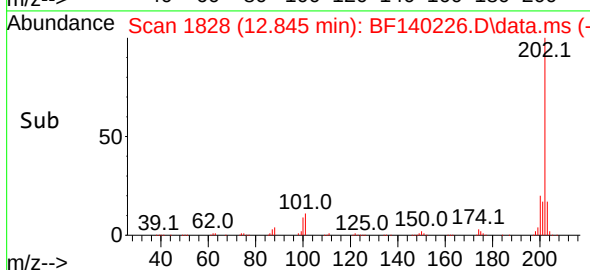
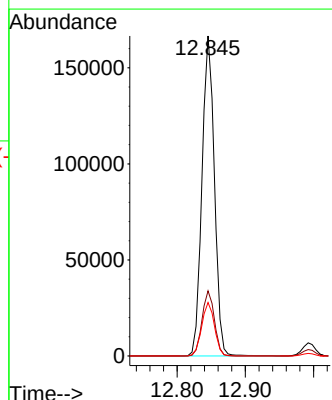
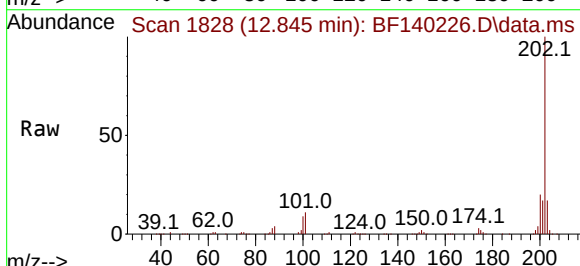
Tgt Ion:202 Resp: 211371

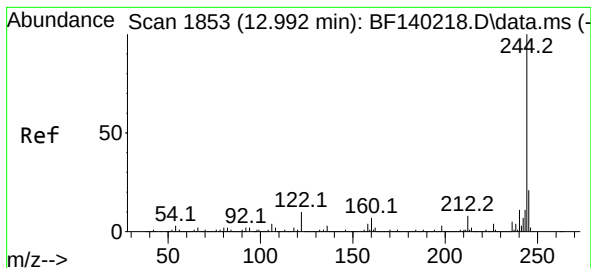
Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.0

203 16.7 14.5 21.7





#79

Terphenyl-d14

Concen: 78.651 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

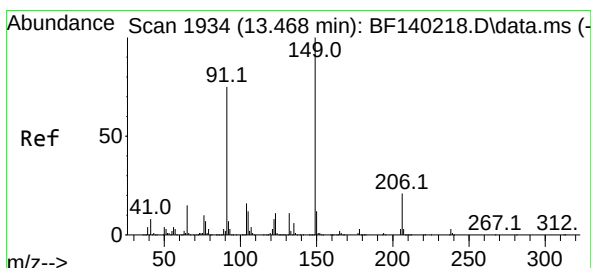
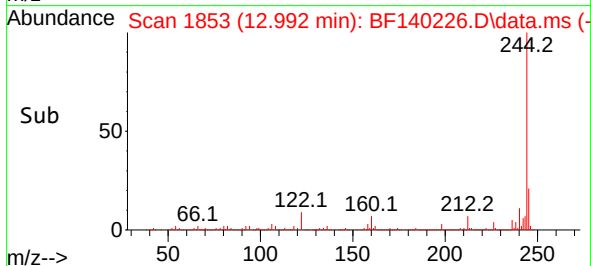
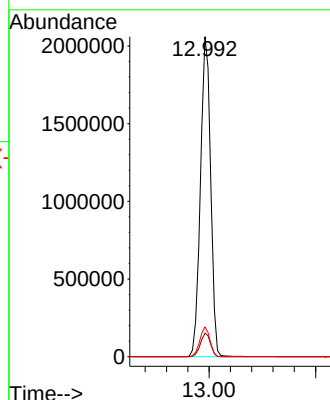
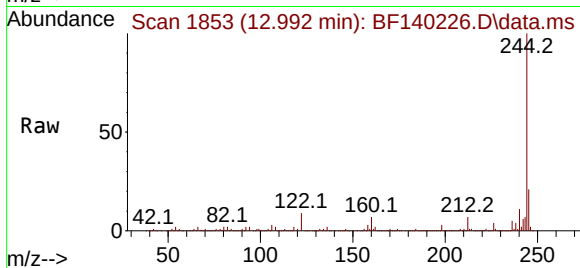
Tgt Ion:244 Resp: 2738271

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 9.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 4.120 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

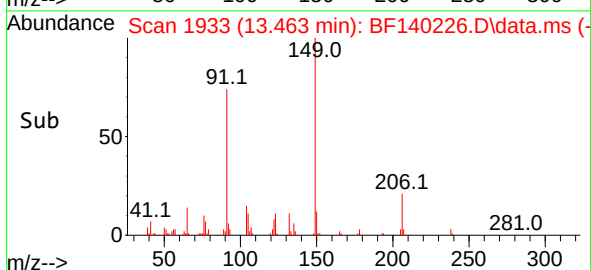
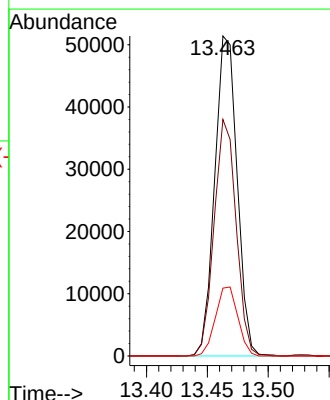
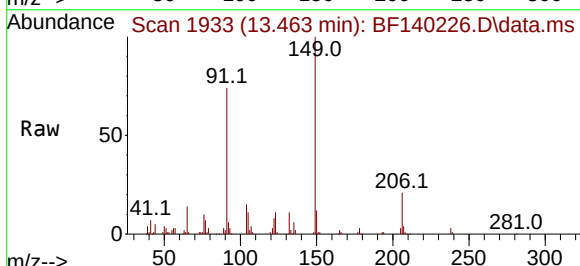
Tgt Ion:149 Resp: 65921

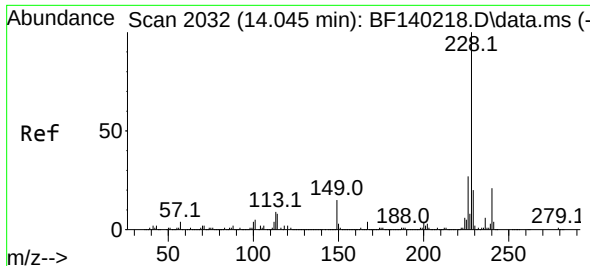
Ion Ratio Lower Upper

149 100

91 73.9 59.9 89.9

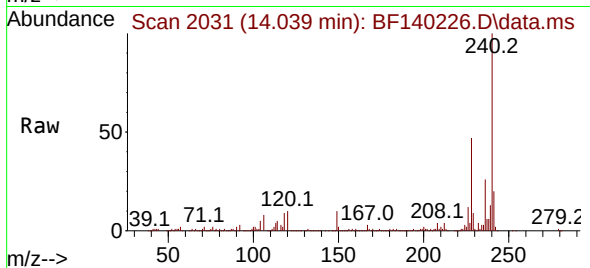
206 21.2 16.7 25.1



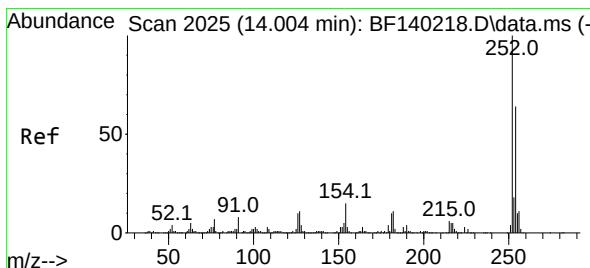
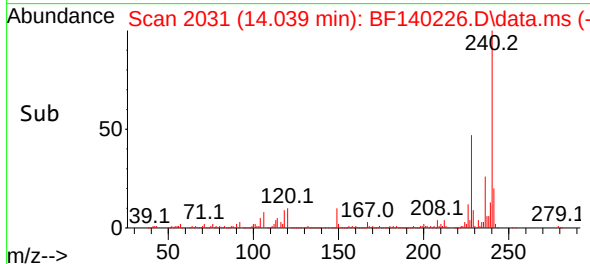
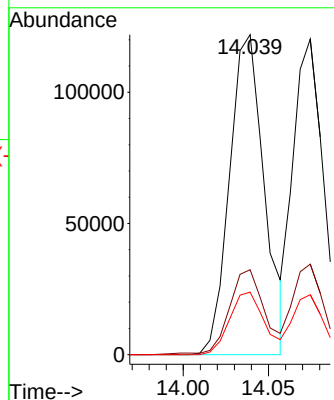


#81
Benzo(a)anthracene
Concen: 4.751 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

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

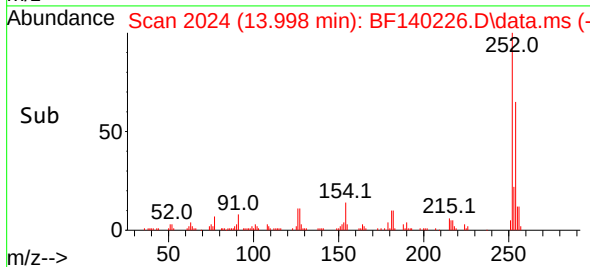
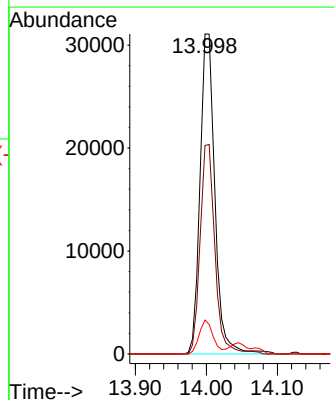
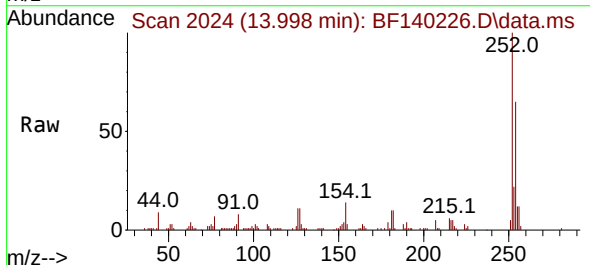


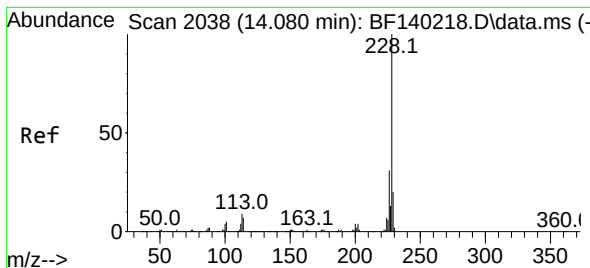
Tgt Ion:228 Resp: 173078
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 19.5 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 4.135 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:252 Resp: 45454
Ion Ratio Lower Upper
252 100
254 65.2 51.6 77.4
126 10.6 8.3 12.5





#83

Chrysene

Concen: 4.520 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

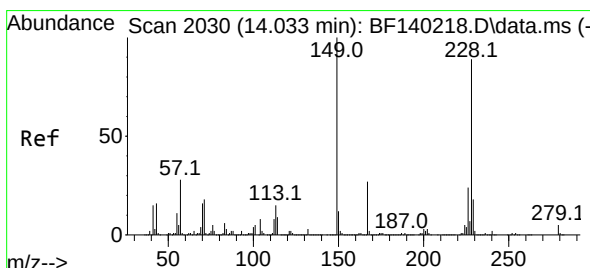
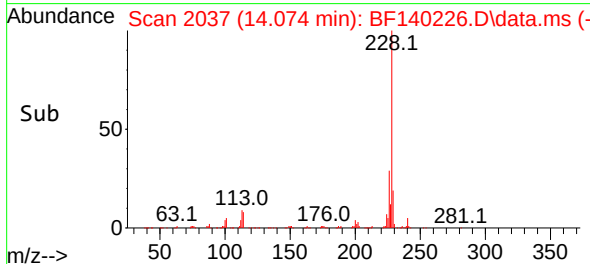
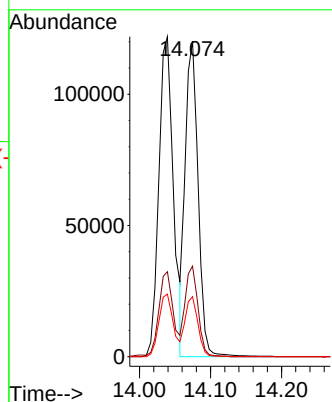
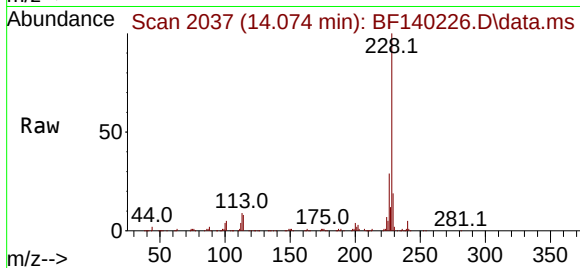
Tgt Ion:228 Resp: 151470

Ion Ratio Lower Upper

228 100

226 28.7 24.6 37.0

229 19.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.262 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

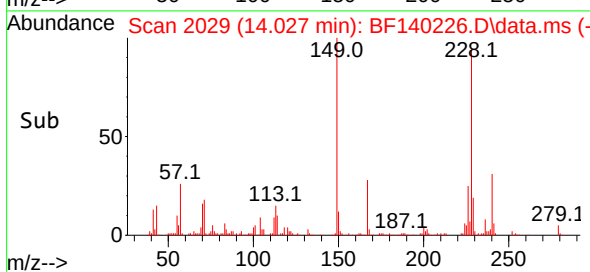
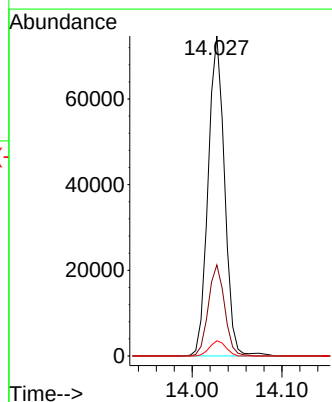
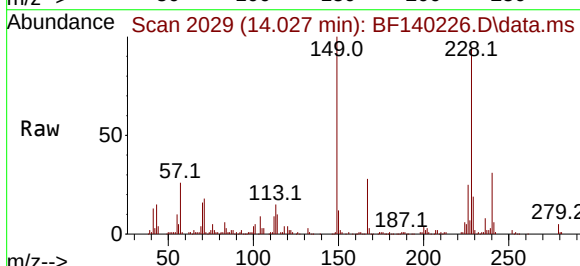
Tgt Ion:149 Resp: 94842

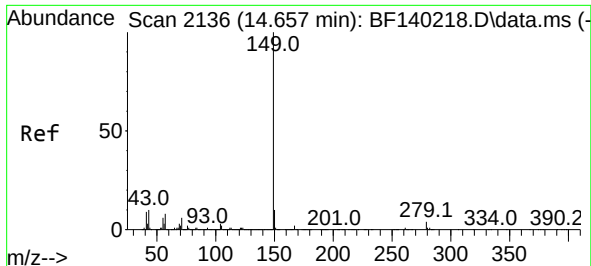
Ion Ratio Lower Upper

149 100

167 28.5 21.8 32.8

279 4.7 3.8 5.8

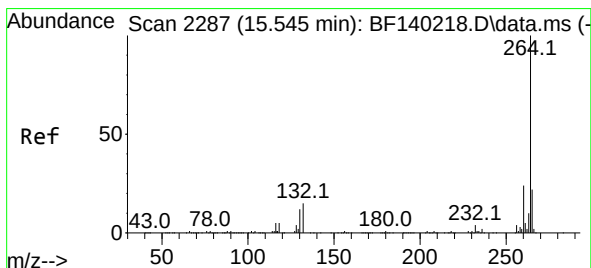
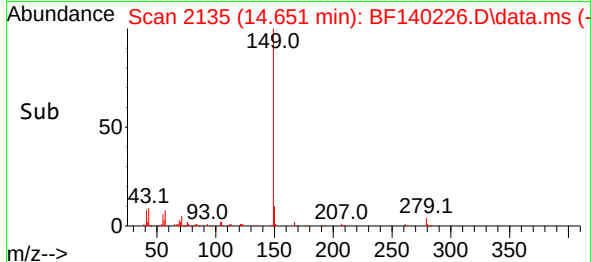
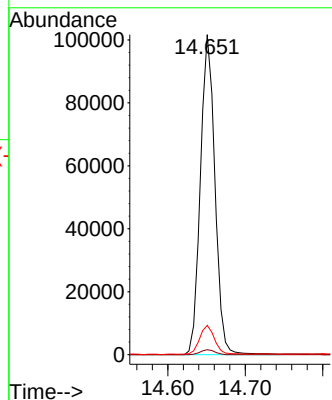
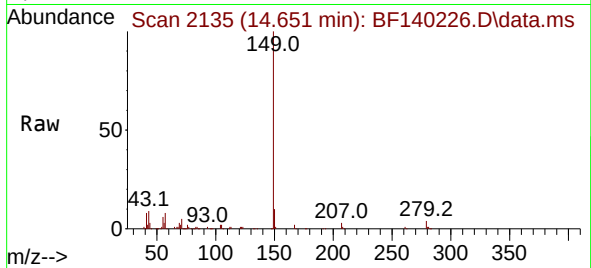




#85
Di-n-octyl phthalate
Concen: 4.020 ng
RT: 14.651 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

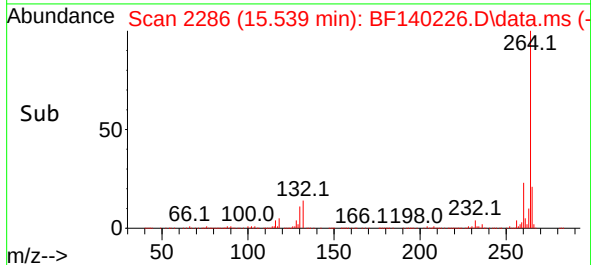
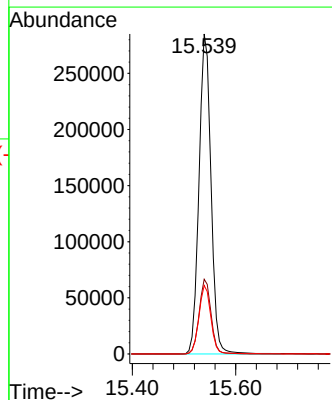
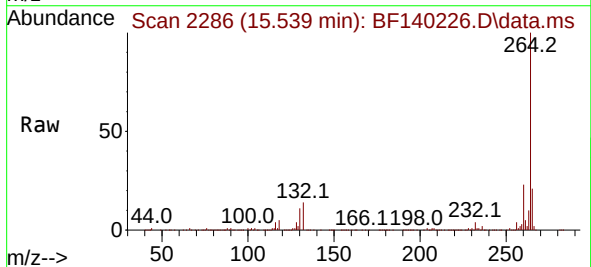
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2024

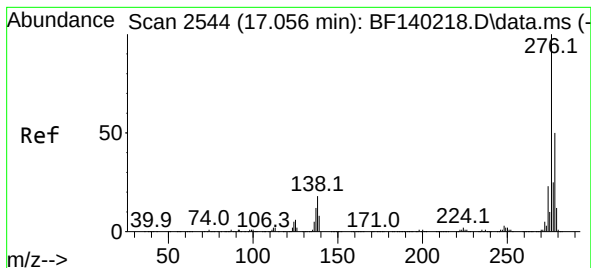
Tgt Ion:149 Resp: 132648
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.9 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:264 Resp: 458829
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.979 ng

RT: 17.039 min Scan# 211

Delta R.T. -0.017 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

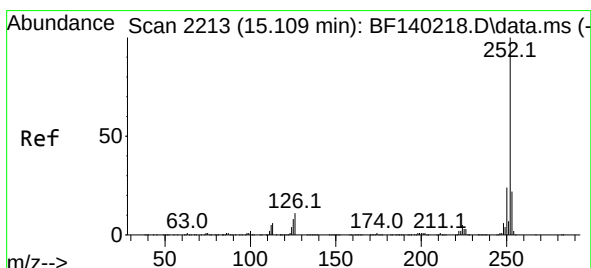
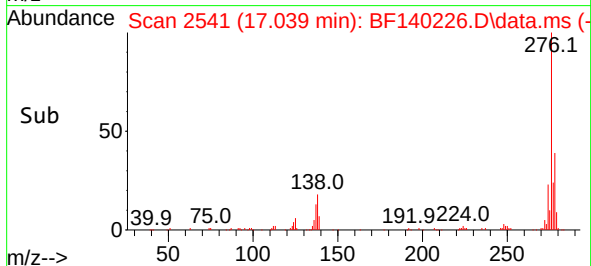
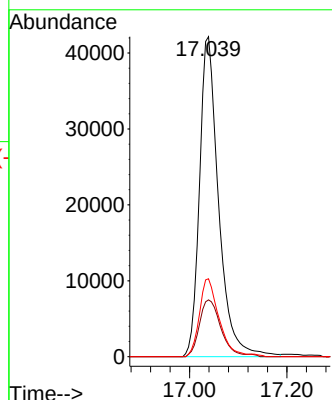
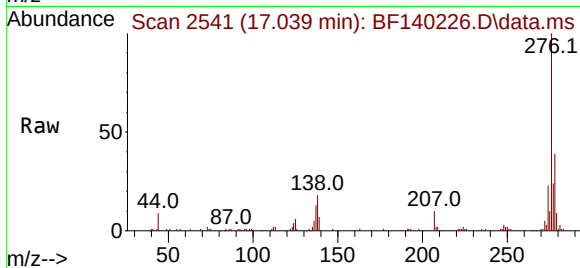
Tgt Ion:276 Resp: 114904

Ion Ratio Lower Upper

276 100

138 20.0 15.7 23.5

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 4.244 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

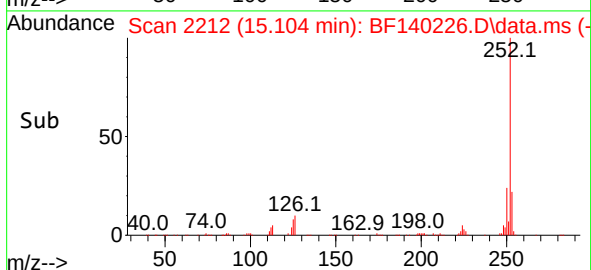
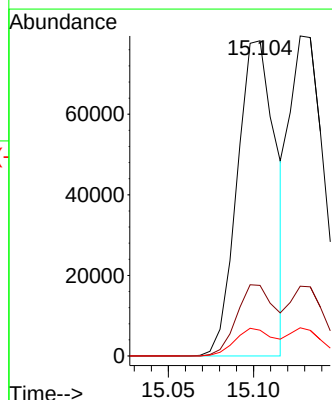
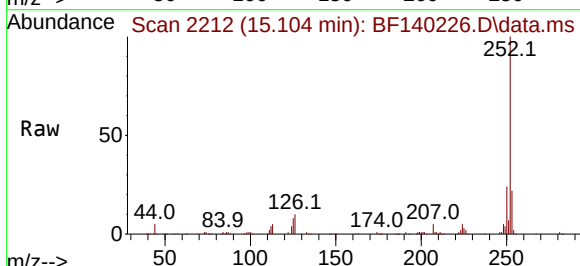
Tgt Ion:252 Resp: 122819

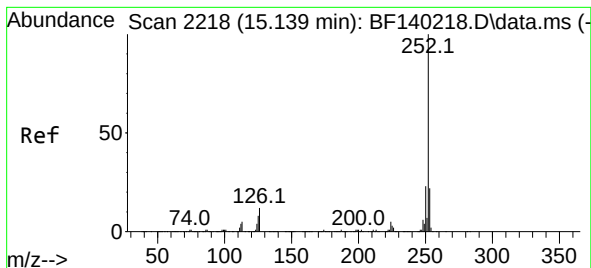
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 8.2 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 4.591 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2024

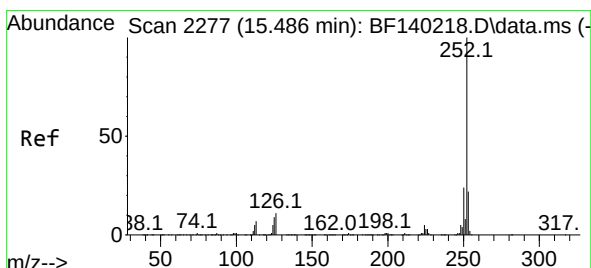
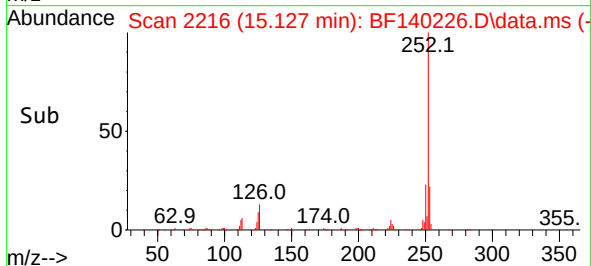
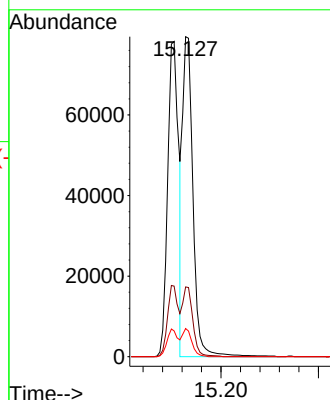
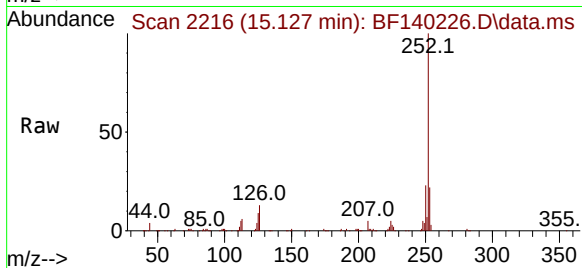
Tgt Ion:252 Resp: 118406

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.8 6.7 10.1



#90

Benzo(a)pyrene

Concen: 4.367 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.012 min

Lab File: BF140226.D

Acq: 04 Nov 2024 18:41

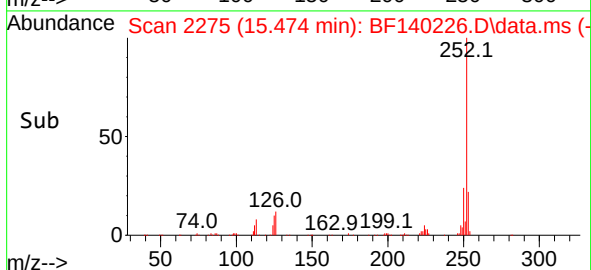
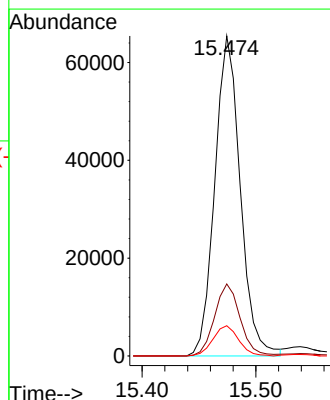
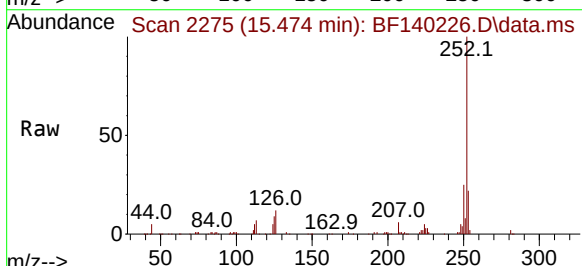
Tgt Ion:252 Resp: 101866

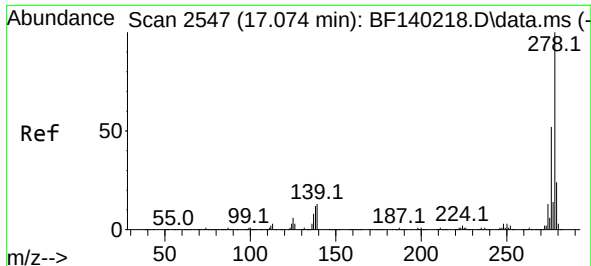
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 9.4 7.0 10.6

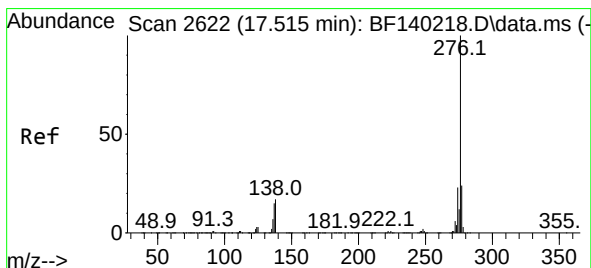
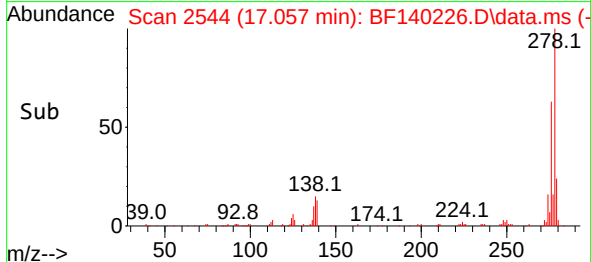
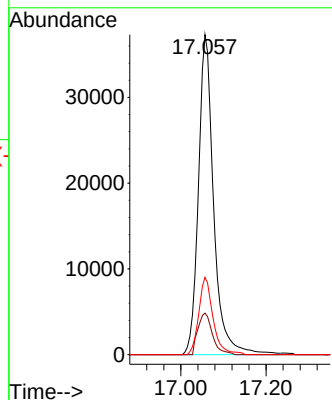
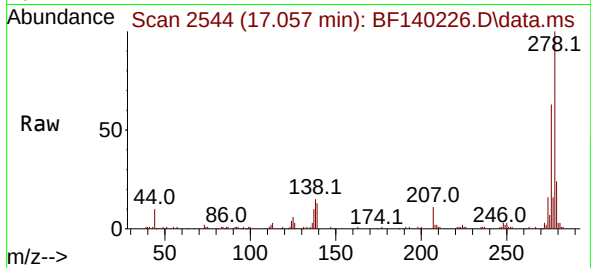




#91
Dibenzo(a,h)anthracene
Concen: 3.941 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

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

Tgt Ion:278 Resp: 92693
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.2
279 24.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 3.666 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.023 min
Lab File: BF140226.D
Acq: 04 Nov 2024 18:41

Tgt Ion:276 Resp: 88041
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 17.1 13.5 20.3

