

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
 Data File : BF139058.D
 Acq On : 16 Aug 2024 15:28
 Operator : RC/JU
 Sample : P3390-07
 Misc : LOD-MDL-WATER-8ppm
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Quant Time: Aug 16 16:07:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	49824	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	207101	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	122081	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	215137	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	109001	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	90235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	413725	128.181	ng	0.00
7) Phenol-d6	6.487	99	560850	129.422	ng	0.00
23) Nitrobenzene-d5	7.404	82	373078	88.074	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	131398	131.397	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	694874	85.521	ng	-0.01
79) Terphenyl-d14	12.939	244	648345	99.587	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	11105	7.859	ng	95
3) Pyridine	3.428	79	22945m	6.703	ng	
4) n-Nitrosodimethylamine	3.316	42	18085	8.871	ng	# 80
6) Aniline	6.504	93	36620	9.476	ng	# 65
8) 2-Chlorophenol	6.628	128	28042	8.258	ng	95
9) Benzaldehyde	6.398	77	25514	9.822	ng	99
10) Phenol	6.498	94	37511	8.221	ng	# 56
11) bis(2-Chloroethyl)ether	6.575	93	28027	7.982	ng	97
12) 1,3-Dichlorobenzene	6.775	146	29537	7.770	ng	94
13) 1,4-Dichlorobenzene	6.851	146	30475	7.944	ng	98
14) 1,2-Dichlorobenzene	7.004	146	28969	8.080	ng	98
15) Benzyl Alcohol	6.993	79	25998	8.324	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	7.104	45	49869	8.253	ng	# 49
17) 2-Methylphenol	7.104	107	22871	8.156	ng	# 81
18) Hexachloroethane	7.340	117	11846	8.203	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	23017	8.794	ng	97
20) 3+4-Methylphenols	7.263	107	29921	8.316	ng	# 65
22) Acetophenone	7.245	105	45344	8.942	ng	92
24) Nitrobenzene	7.422	77	36068	8.368	ng	100
25) Isophorone	7.657	82	61657	8.524	ng	98
26) 2-Nitrophenol	7.740	139	15152	8.171	ng	89
27) 2,4-Dimethylphenol	7.781	122	16180	7.292	ng	94
28) bis(2-Chloroethoxy)met...	7.863	93	34101	7.742	ng	97
29) 2,4-Dichlorophenol	7.998	162	22747	7.978	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	26848	8.160	ng	97
31) Naphthalene	8.140	128	85690	7.861	ng	100
32) Benzoic acid	7.928	122	5607m	3.215	ng	
33) 4-Chloroaniline	8.198	127	33084	9.041	ng	97
34) Hexachlorobutadiene	8.245	225	16566	8.312	ng	98
35) Caprolactam	8.545	113	7312	8.595	ng	98
36) 4-Chloro-3-methylphenol	8.687	107	27084	8.312	ng	98
37) 2-Methylnaphthalene	8.828	142	56593	8.220	ng	97
38) 1-Methylnaphthalene	8.928	142	54271	8.045	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	26895	7.931	ng	97
41) Hexachlorocyclopentadiene	8.975	237	408	7.381	ng	88
43) 2,4,6-Trichlorophenol	9.116	196	14220	6.877	ng	95

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	17228	7.622	ng	# 96
46) 1,1'-Biphenyl	9.287	154	74804	7.824	ng	98
47) 2-Chloronaphthalene	9.316	162	53280	7.493	ng	99
48) 2-Nitroaniline	9.422	65	18889	7.835	ng	96
49) Acenaphthylene	9.728	152	87122	8.638	ng	99
50) Dimethylphthalate	9.587	163	66627	8.535	ng	99
51) 2,6-Dinitrotoluene	9.657	165	14145	8.029	ng	# 84
52) Acenaphthene	9.898	154	54159	7.988	ng	98
53) 3-Nitroaniline	9.839	138	13762	7.557	ng	98
54) 2,4-Dinitrophenol	9.981	184	2559m	3.156	ng	
55) Dibenzofuran	10.075	168	78683	8.222	ng	96
56) 4-Nitrophenol	10.057	139	2845m	2.598	ng	
57) 2,4-Dinitrotoluene	10.069	165	18534	8.246	ng	# 74
58) Fluorene	10.416	166	64789	8.501	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.204	232	13868m	8.025	ng	
60) Diethylphthalate	10.286	149	64691	8.740	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	31085	8.293	ng	94
62) 4-Nitroaniline	10.445	138	11934m	6.896	ng	
63) Azobenzene	10.569	77	69781	8.501	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	7416	5.650	ng	89
66) n-Nitrosodiphenylamine	10.528	169	53717	7.988	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	17732	7.613	ng	98
68) Hexachlorobenzene	10.963	284	18004	7.486	ng	94
69) Atrazine	11.051	200	17457	10.062	ng	99
70) Pentachlorophenol	11.186	266	1760	1.624	ng	98
71) Phenanthrene	11.381	178	90417	8.162	ng	100
72) Anthracene	11.433	178	89825	8.231	ng	100
73) Carbazole	11.598	167	74144	7.875	ng	97
74) Di-n-butylphthalate	11.910	149	97305	9.193	ng	98
75) Fluoranthene	12.575	202	84178	8.140	ng	98
77) Benzidine	12.698	184	21481	8.239	ng	97
78) Pyrene	12.804	202	86235	8.403	ng	99
80) Butylbenzylphthalate	13.410	149	29502	8.977	ng	96
81) Benzo(a)anthracene	13.992	228	59486	7.925	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	17459	9.089	ng	98
83) Chrysene	14.027	228	51757	7.643	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	32771	6.810	ng	97
85) Di-n-octyl phthalate	14.569	149	47019	5.281	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.951	276	45421	7.024	ng	# 93
88) Benzo(b)fluoranthene	15.039	252	46276	8.273	ng	98
89) Benzo(k)fluoranthene	15.069	252	37508	7.745	ng	99
90) Benzo(a)pyrene	15.410	252	38174	8.113	ng	96
91) Dibenzo(a,h)anthracene	16.951	278	35594	6.705	ng	98
92) Benzo(g,h,i)perylene	17.398	276	34736	6.306	ng	96

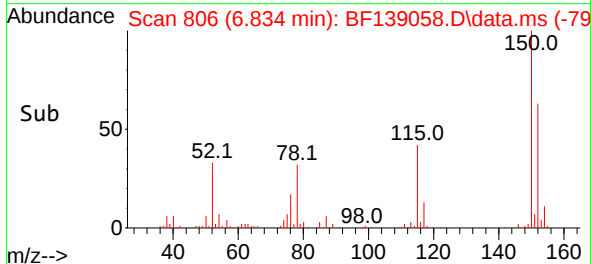
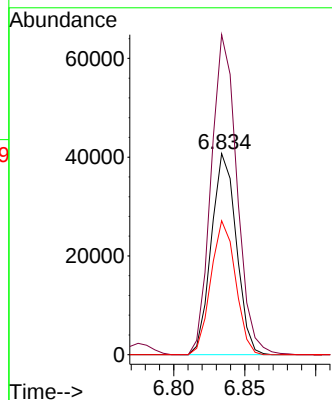
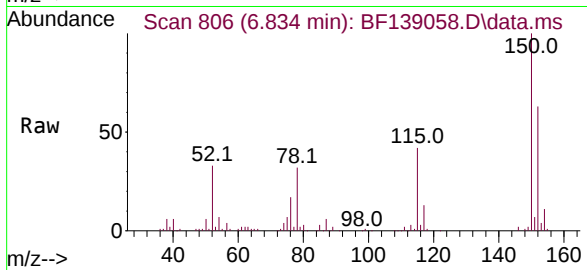
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BF139058.D
 Acq: 16 Aug 2024 15:28

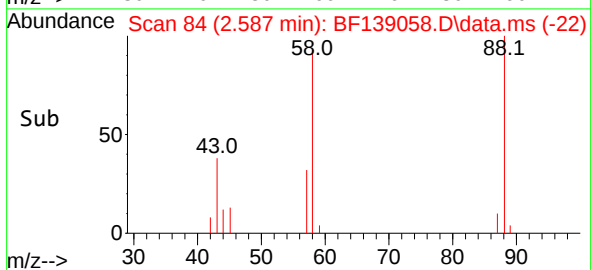
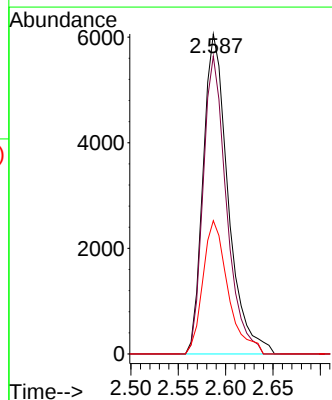
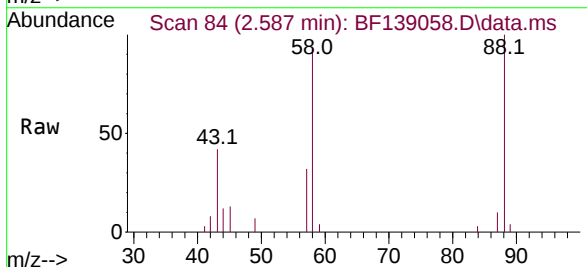
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

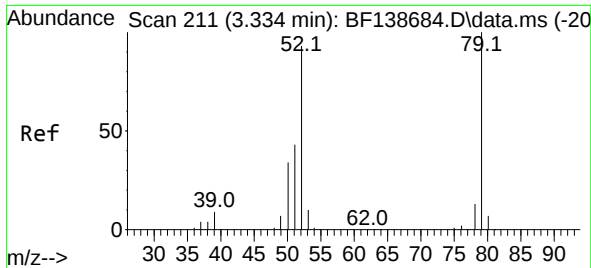
Tgt Ion:152 Resp: 49824
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.0 189.0
 115 66.6 51.7 77.5



#2
 1,4-Dioxane
 Concen: 7.859 ng
 RT: 2.587 min Scan# 84
 Delta R.T. 0.012 min
 Lab File: BF139058.D
 Acq: 16 Aug 2024 15:28

Tgt Ion: 88 Resp: 11105
 Ion Ratio Lower Upper
 88 100
 58 86.7 71.6 107.4
 43 41.9 28.7 43.1





#3

Pyridine

Concen: 6.703 ng m

RT: 3.428 min Scan# 211

Delta R.T. 0.094 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

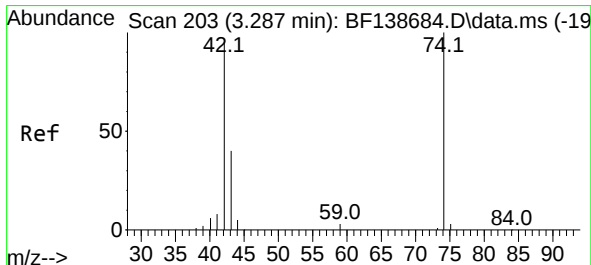
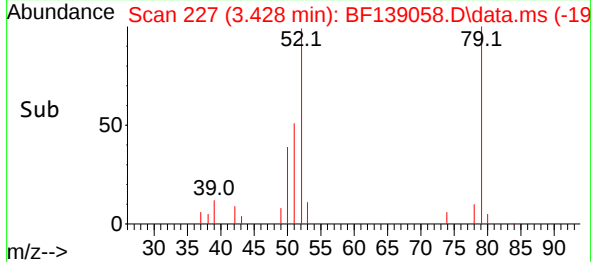
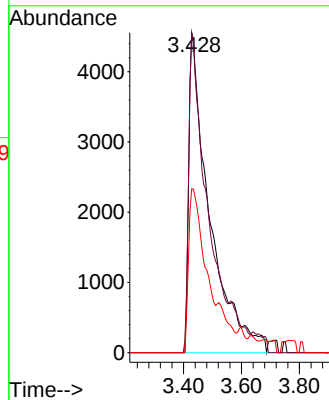
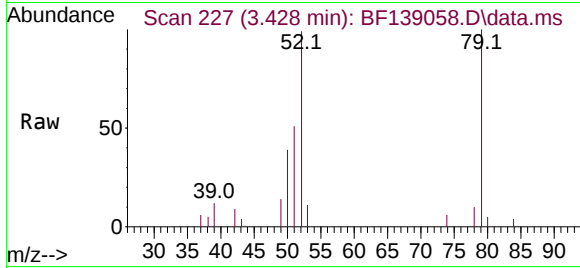
Tgt Ion: 79 Resp: 22945

Ion Ratio Lower Upper

79 100

52 99.5 74.7 112.1

51 51.2 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 8.871 ng

RT: 3.316 min Scan# 208

Delta R.T. 0.030 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

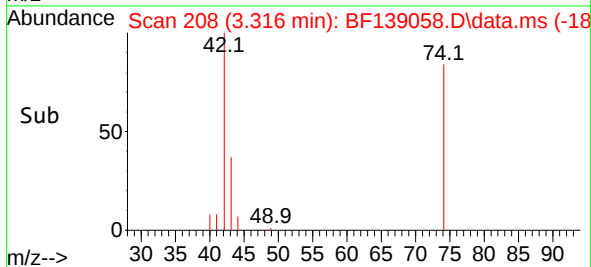
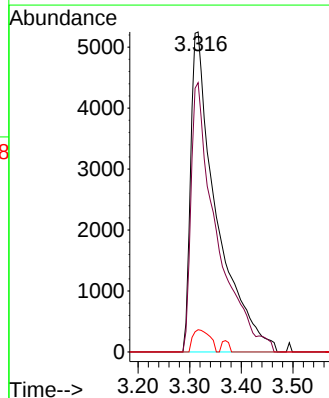
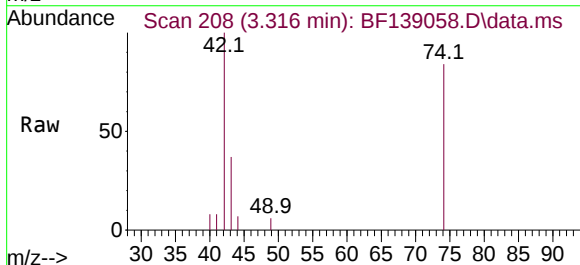
Tgt Ion: 42 Resp: 18085

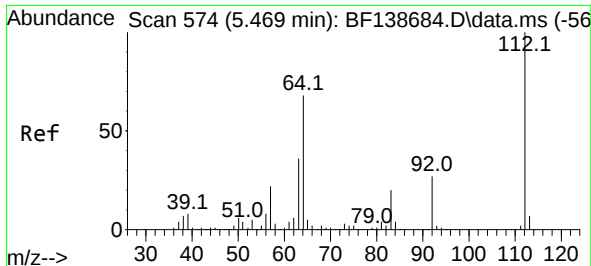
Ion Ratio Lower Upper

42 100

74 84.2 84.2 126.4#

44 7.0 4.9 7.3

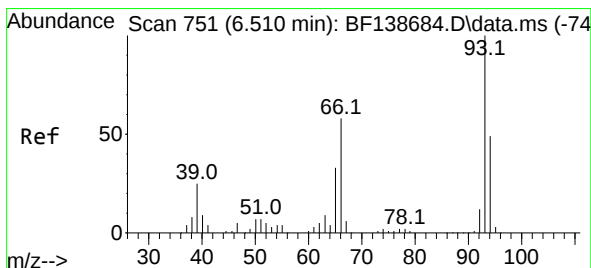
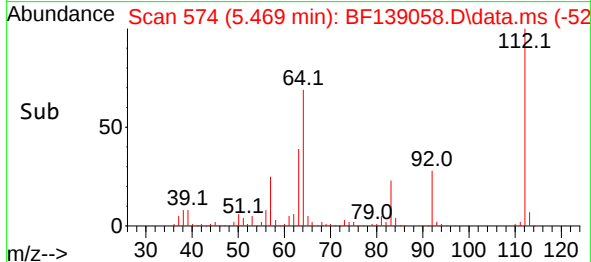
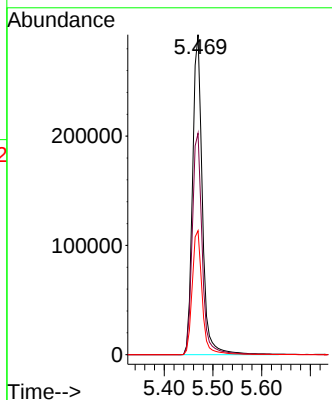
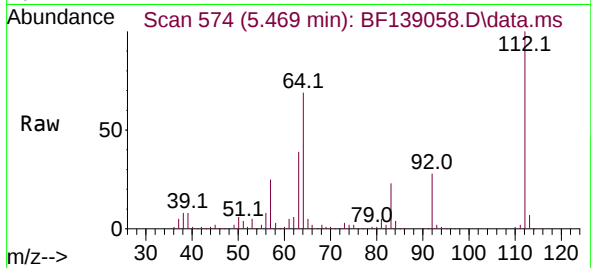




#5
2-Fluorophenol
Concen: 128.181 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

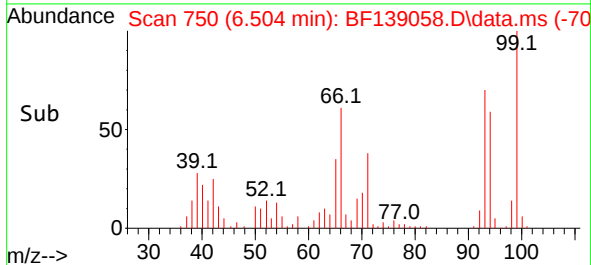
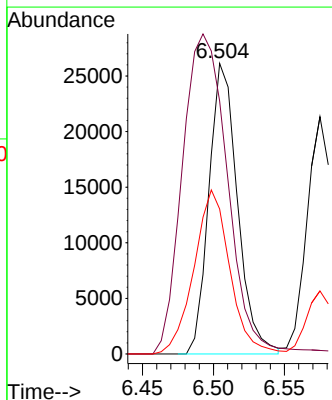
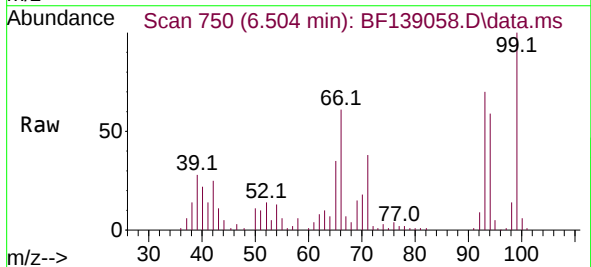
Instrument :
BNA_F
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LOD-MDL-WATER-01-QT3-2024

Tgt Ion:112 Resp: 413725
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 38.8 28.7 43.1



#6
Aniline
Concen: 9.476 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion: 93 Resp: 36620
Ion Ratio Lower Upper
93 100
66 87.1 46.9 70.3#
65 49.9 26.5 39.7#

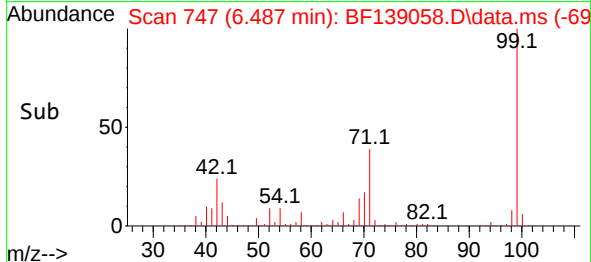
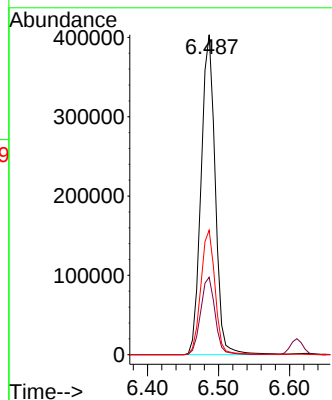
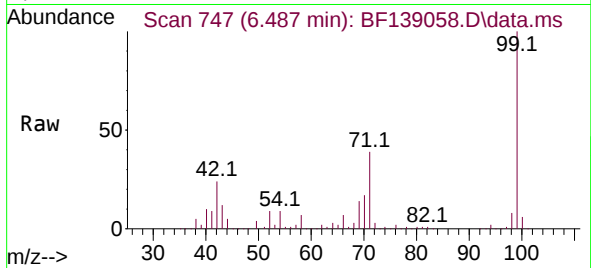




#7
Phenol-d6
Concen: 129.422 ng
RT: 6.487 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

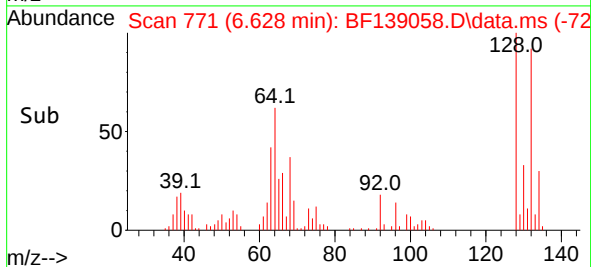
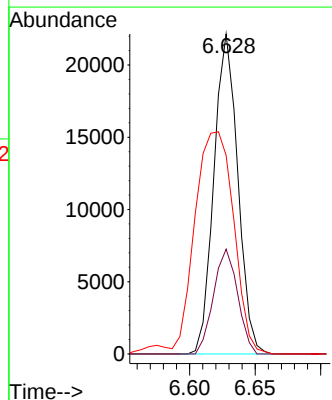
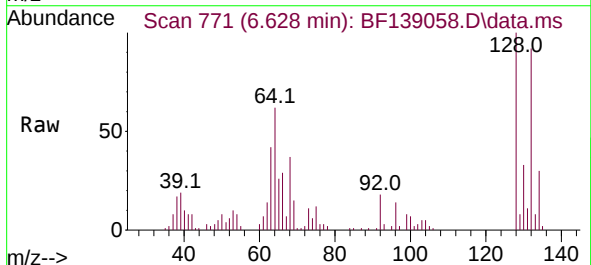
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 99 Resp: 560850
Ion Ratio Lower Upper
99 100
42 24.2 17.4 26.0
71 38.9 28.1 42.1



#8
2-Chlorophenol
Concen: 8.258 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:128 Resp: 28042
Ion Ratio Lower Upper
128 100
130 32.7 12.0 52.0
64 62.0 36.3 76.3





#9

Benzaldehyde

Concen: 9.822 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

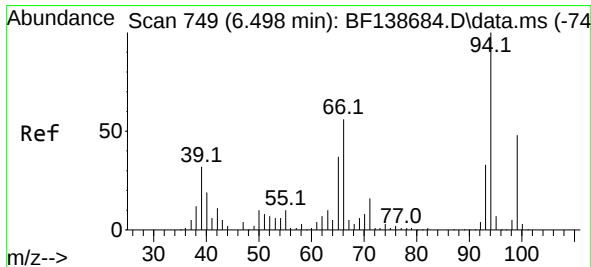
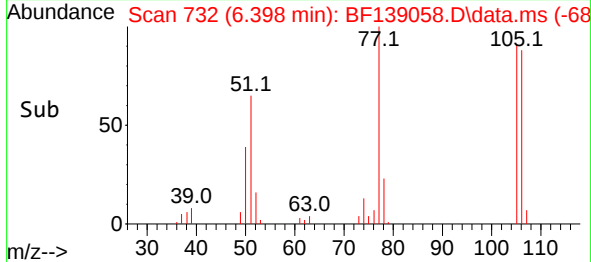
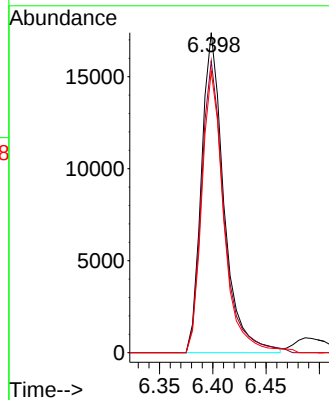
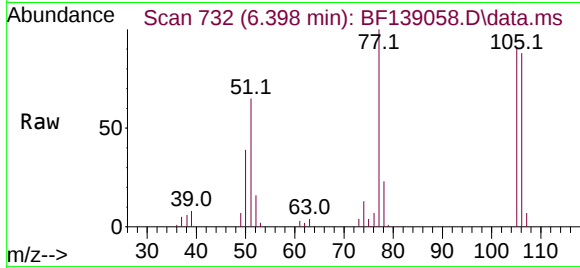
Tgt Ion: 77 Resp: 25514

Ion Ratio Lower Upper

77 100

105 91.2 72.9 112.9

106 88.0 68.4 108.4



#10

Phenol

Concen: 8.221 ng

RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

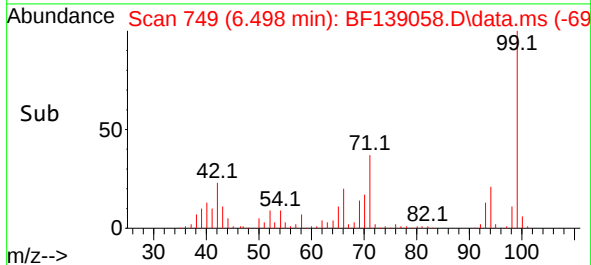
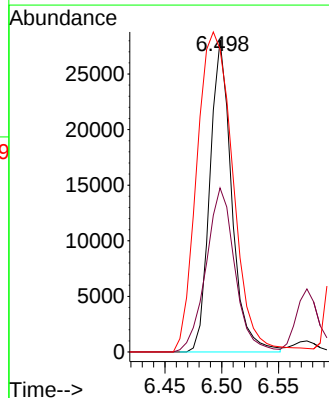
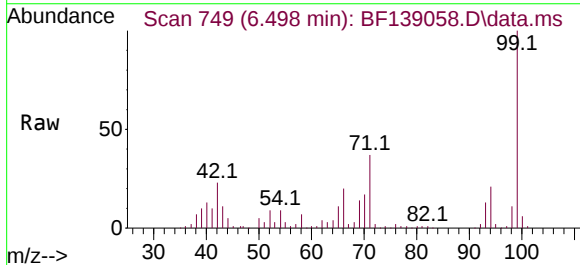
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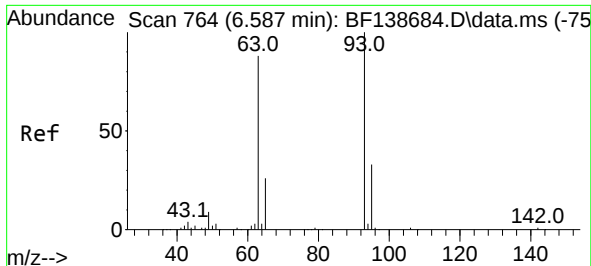
Ion Ratio Lower Upper

94 100

65 52.6 16.9 56.9

66 97.1 36.5 76.5#

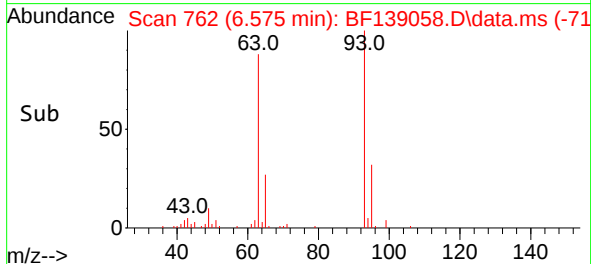
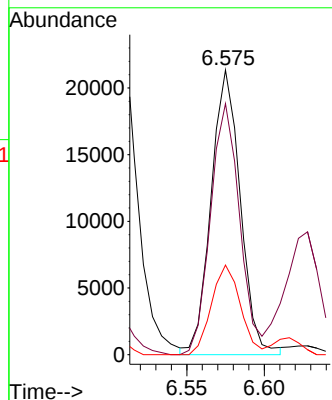
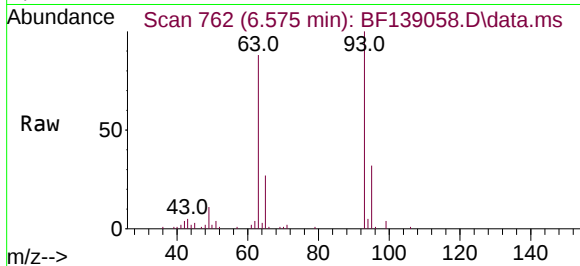




#11
bis(2-Chloroethyl)ether
Concen: 7.982 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

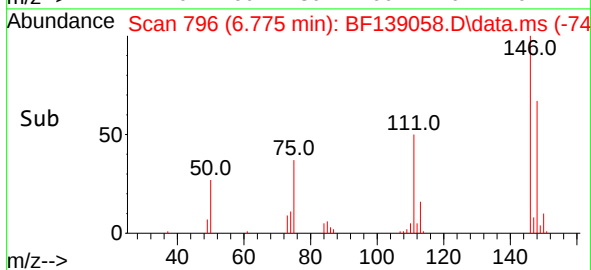
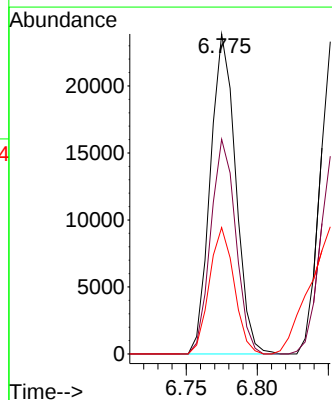
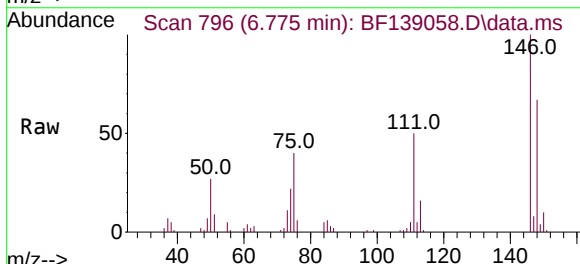
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 93	Resp:	28027
Ion	Ratio	Lower Upper
93	100	
63	88.2	65.3 105.3
95	31.5	12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 7.770 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion: 146	Resp:	29537
Ion	Ratio	Lower Upper
146	100	
148	67.1	51.2 76.8
75	39.5	27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 7.944 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.012 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

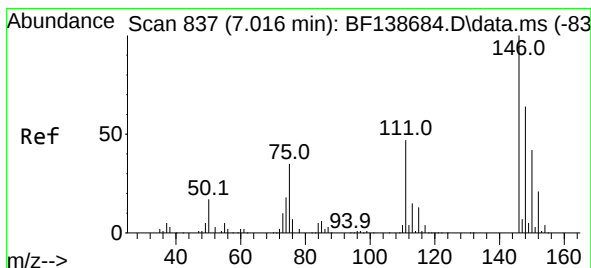
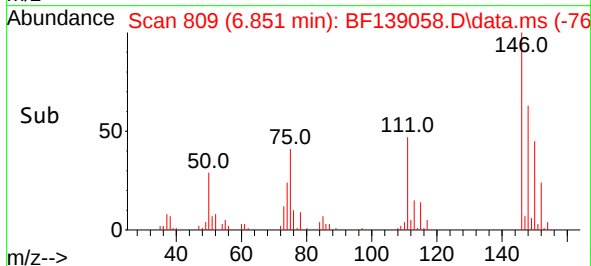
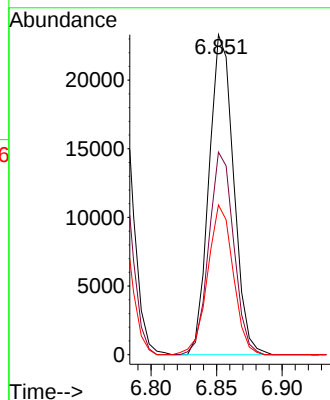
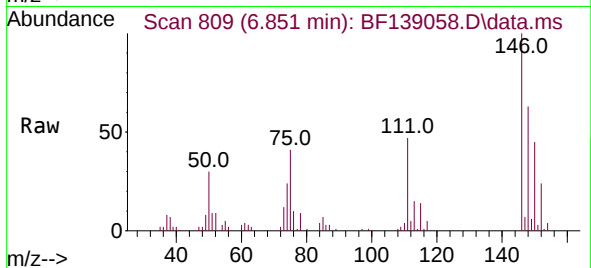
Tgt Ion:146 Resp: 30475

Ion Ratio Lower Upper

146 100

148 63.3 50.2 75.2

111 46.8 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 8.080 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

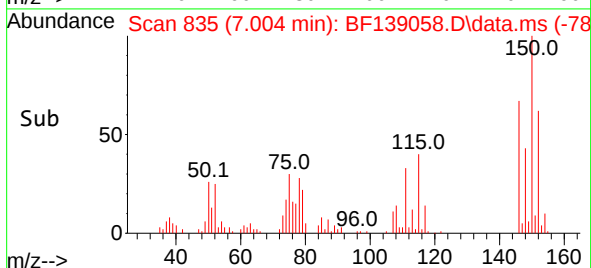
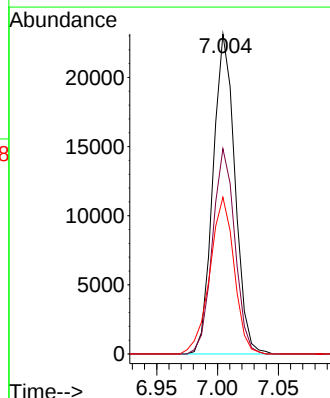
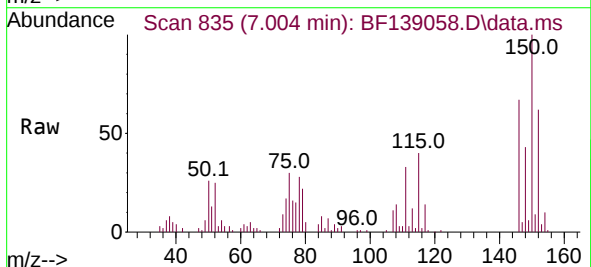
Tgt Ion:146 Resp: 28969

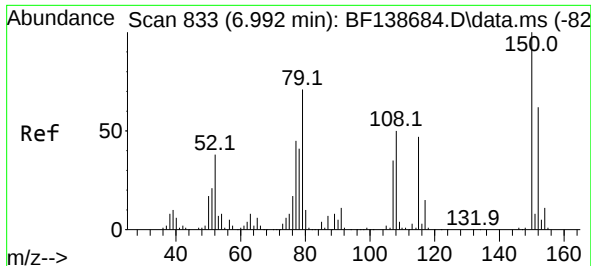
Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

111 49.0 37.4 56.2

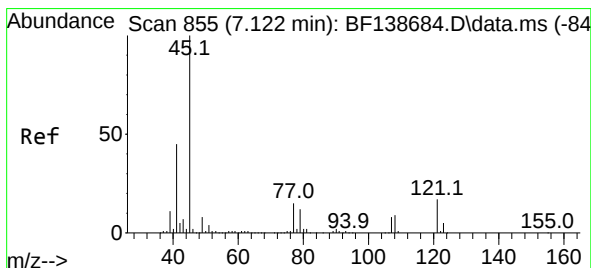
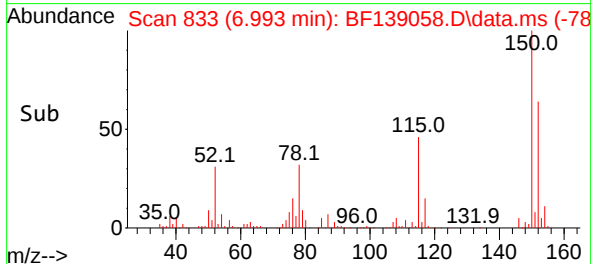
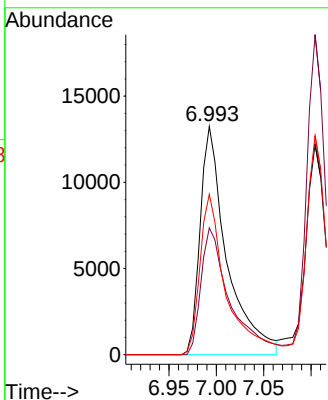
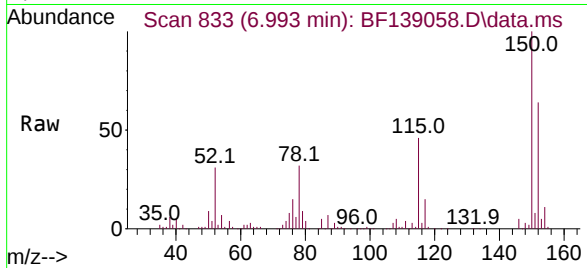




#15
Benzyl Alcohol
Concen: 8.324 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

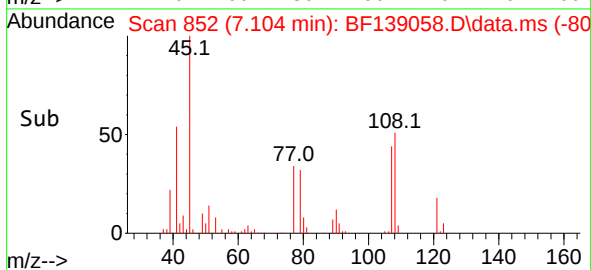
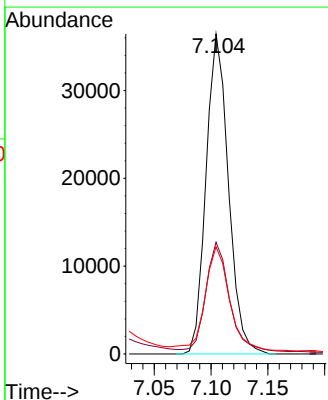
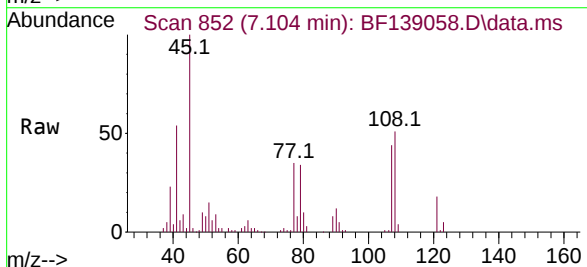
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 79 Resp: 25998
Ion Ratio Lower Upper
79 100
108 55.6 56.6 85.0#
77 70.2 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.253 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion: 45 Resp: 49869
Ion Ratio Lower Upper
45 100
77 34.9 0.0 34.9
79 33.5 0.0 32.2#

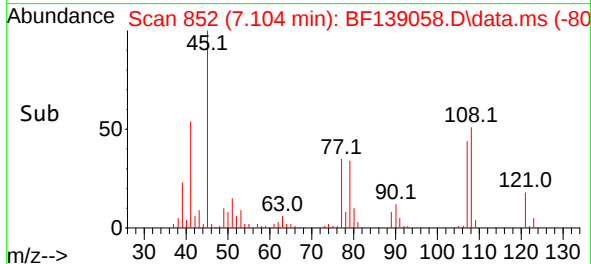
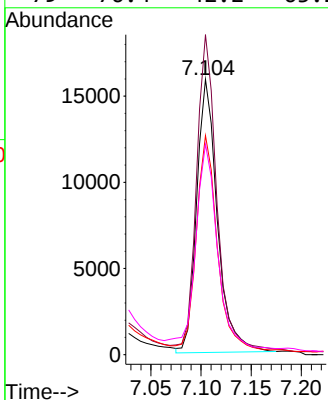
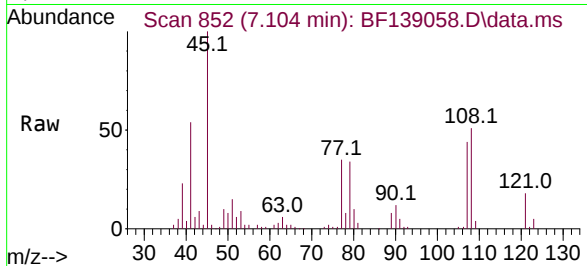




#17
2-Methylphenol
Concen: 8.156 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

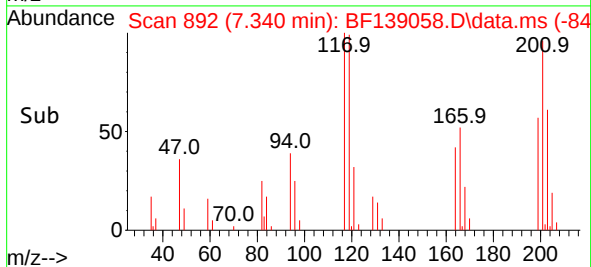
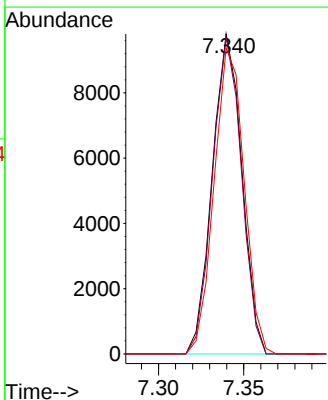
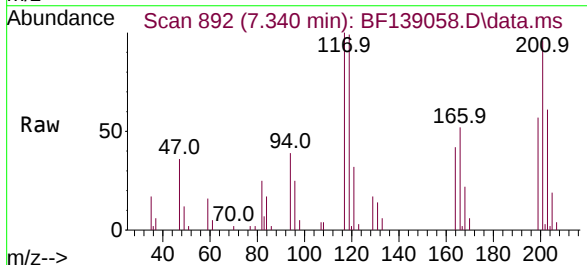
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:	107	Resp:	22871
Ion	Ratio	Lower	Upper
107	100		
108	116.2	89.2	133.8
77	79.6	43.0	64.4#
79	76.4	42.2	63.2#



#18
Hexachloroethane
Concen: 8.203 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

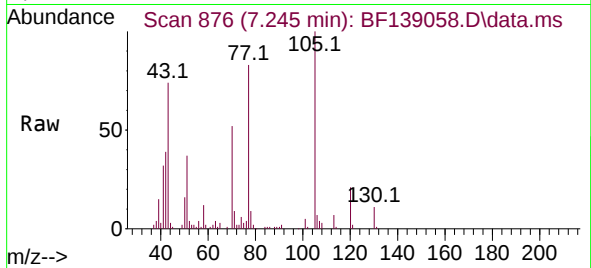
Tgt Ion:	117	Resp:	11846
Ion	Ratio	Lower	Upper
117	100		
119	99.0	74.6	111.8
201	95.7	77.2	115.8



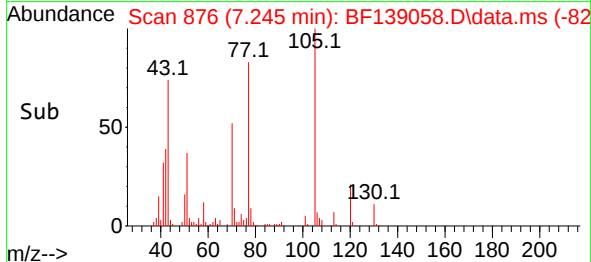
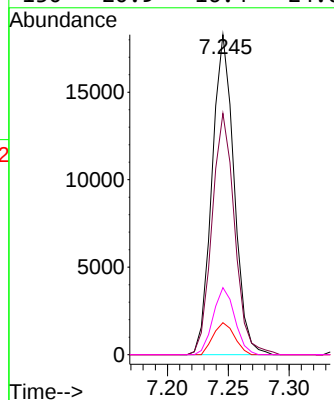


#19
n-Nitroso-di-n-propylamine
Concen: 8.794 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

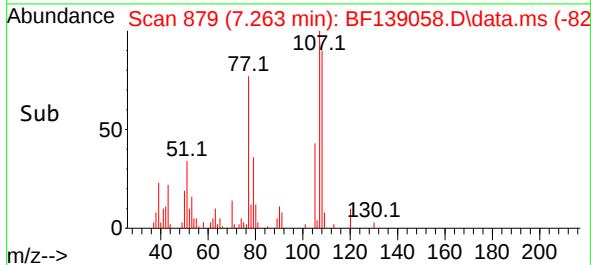
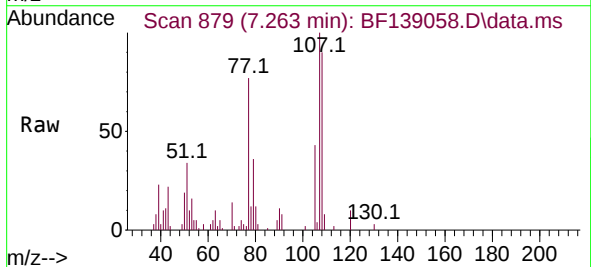
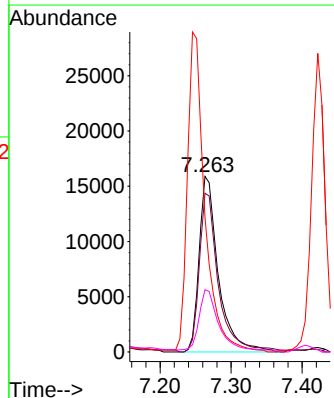


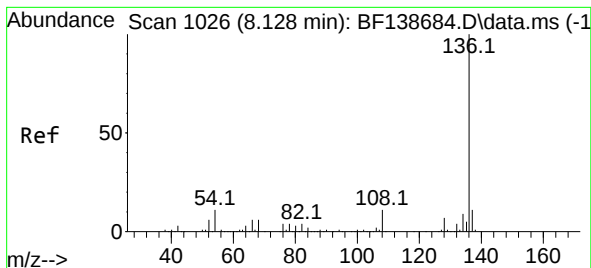
Tgt Ion: 70 Resp: 23017
Ion Ratio Lower Upper
70 100
42 75.4 57.4 86.0
101 10.0 7.5 11.3
130 20.9 16.4 24.6



#20
3+4-Methylphenols
Concen: 8.316 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion: 107 Resp: 29921
Ion Ratio Lower Upper
107 100
108 90.5 68.2 108.2
77 76.5 132.1 172.1#
79 35.5 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139058.D

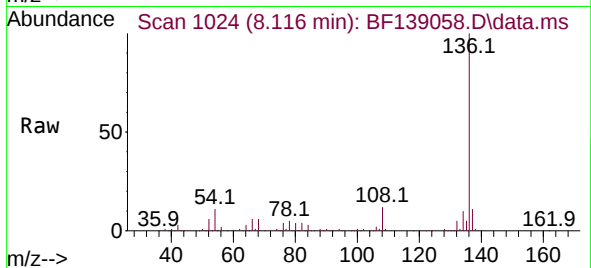
Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



Tgt Ion:136 Resp: 207101

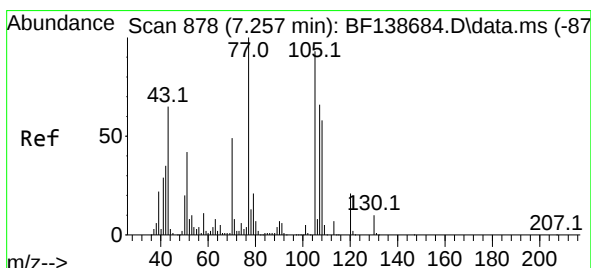
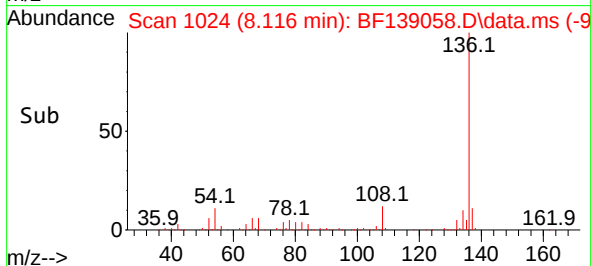
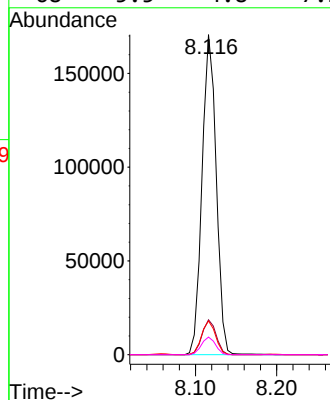
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.6 8.6 12.8

68 5.5 4.8 7.2



#22

Acetophenone

Concen: 8.942 ng

RT: 7.245 min Scan# 876

Delta R.T. -0.012 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Tgt Ion:105 Resp: 45344

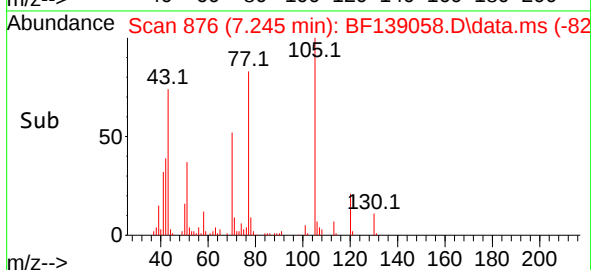
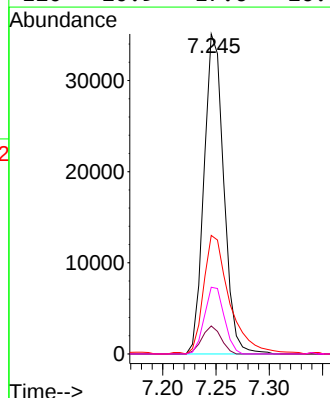
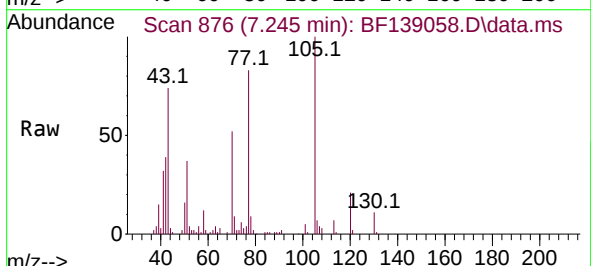
Ion Ratio Lower Upper

105 100

71 8.8 7.2 10.8

51 37.1 35.9 53.9

120 20.9 17.6 26.4





#23

Nitrobenzene-d5

Concen: 88.074 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

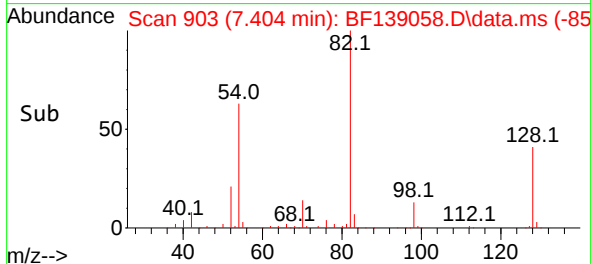
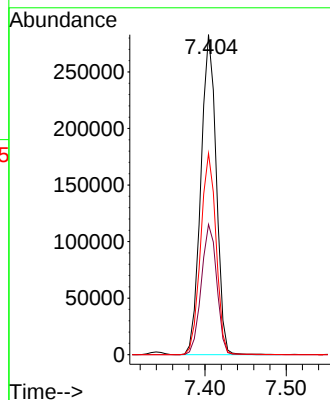
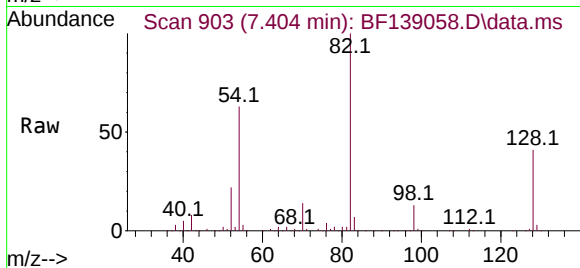
Tgt Ion: 82 Resp: 373078

Ion Ratio Lower Upper

82 100

128 40.7 32.8 49.2

54 62.9 48.3 72.5



#24

Nitrobenzene

Concen: 8.368 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

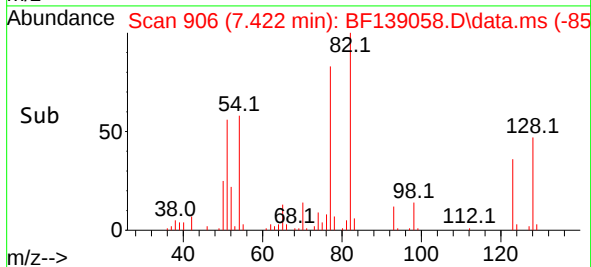
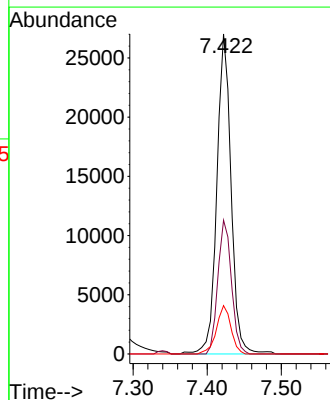
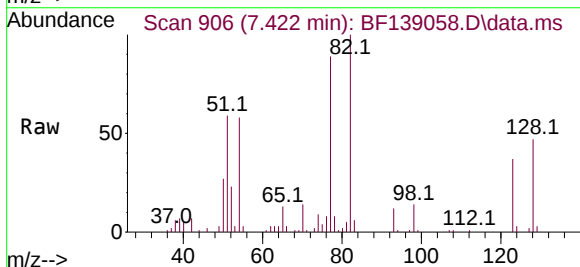
Tgt Ion: 77 Resp: 36068

Ion Ratio Lower Upper

77 100

123 41.8 33.3 49.9

65 15.1 11.9 17.9

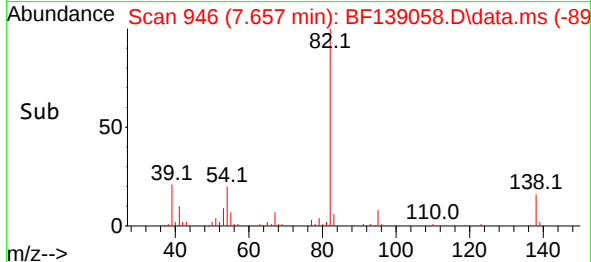
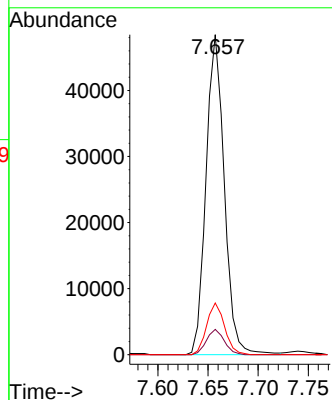
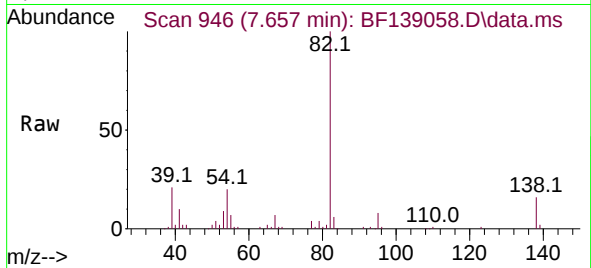




#25
Isophorone
Concen: 8.524 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

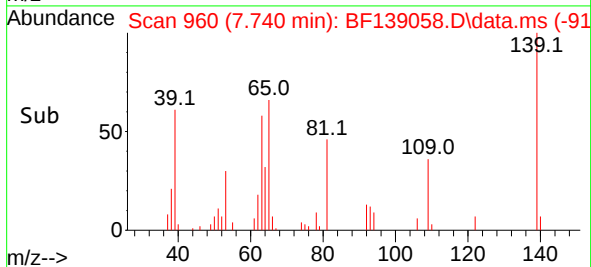
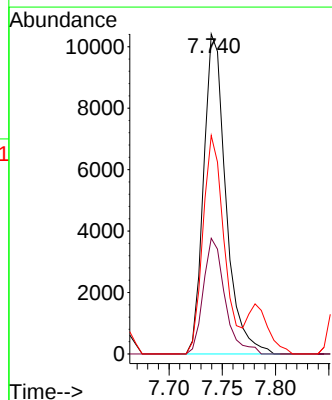
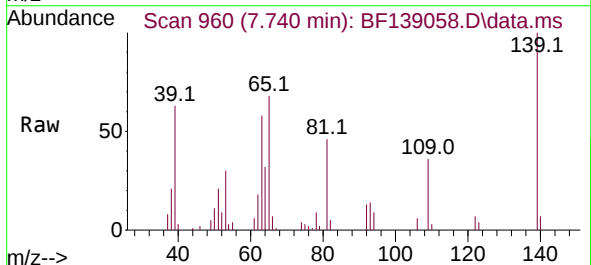
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

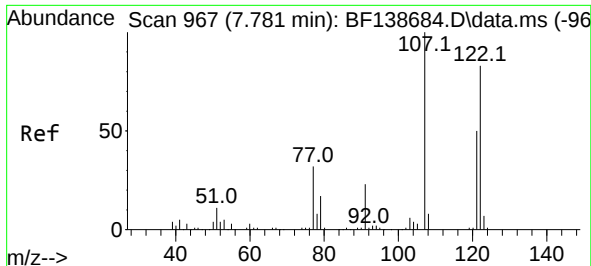
Tgt Ion: 82 Resp: 61657
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 16.2 13.7 20.5



#26
2-Nitrophenol
Concen: 8.171 ng
RT: 7.740 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:139 Resp: 15152
Ion Ratio Lower Upper
139 100
109 36.2 25.9 38.9
65 68.2 47.0 70.6

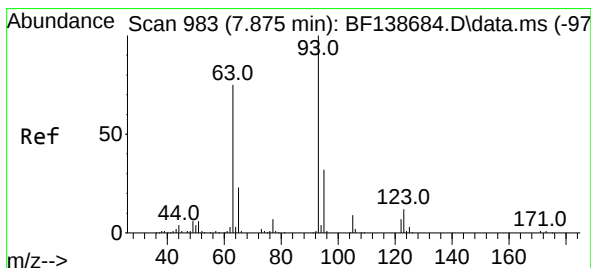
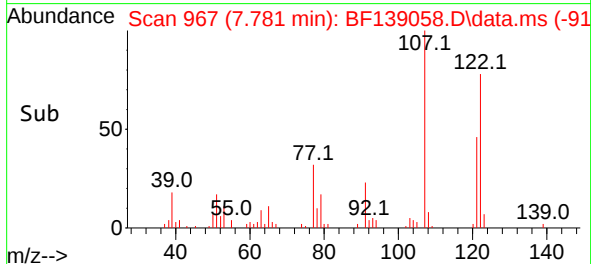
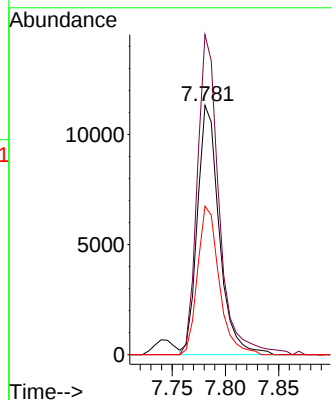
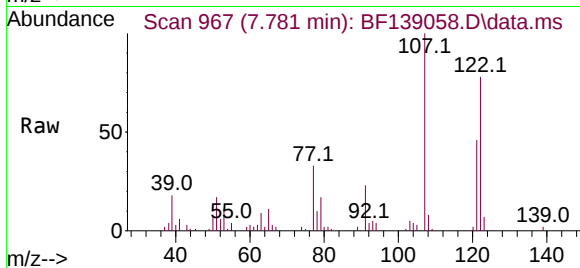




#27
2,4-Dimethylphenol
Concen: 7.292 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

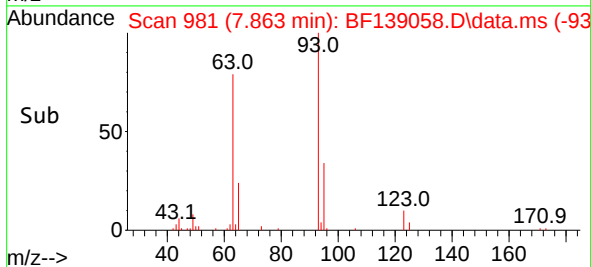
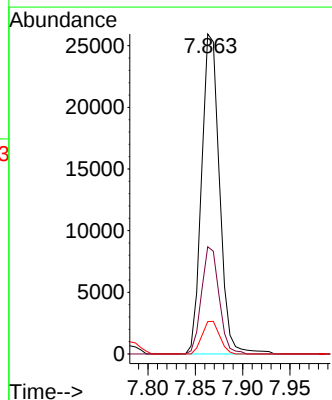
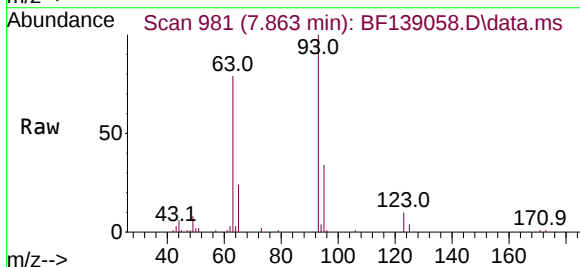
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:122 Resp: 16180
Ion Ratio Lower Upper
122 100
107 128.4 95.0 142.6
121 59.5 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 7.742 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion: 93 Resp: 34101
Ion Ratio Lower Upper
93 100
95 33.5 25.8 38.8
123 10.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 7.978 ng

RT: 7.998 min Scan# 1003

Delta R.T. 0.006 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

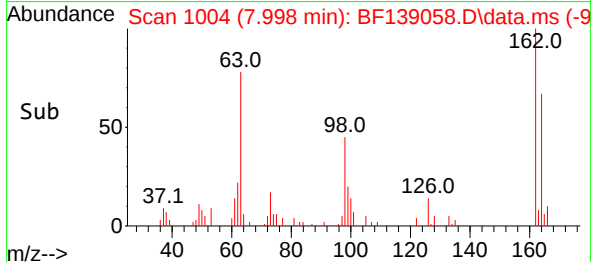
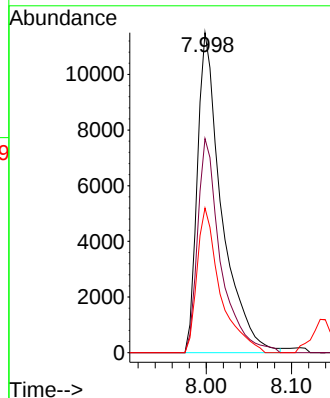
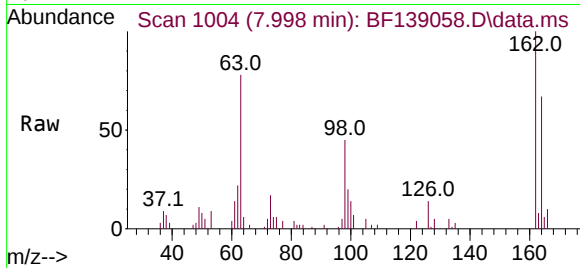
Tgt Ion:162 Resp: 22747

Ion Ratio Lower Upper

162 100

164 66.9 44.7 84.7

98 45.2 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 8.160 ng

RT: 8.057 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

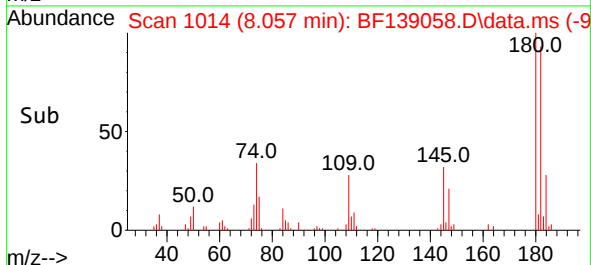
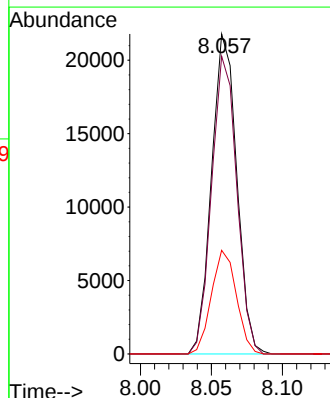
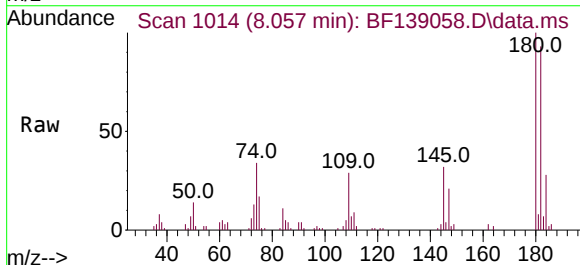
Tgt Ion:180 Resp: 26848

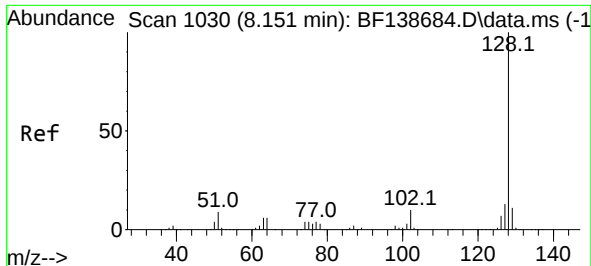
Ion Ratio Lower Upper

180 100

182 93.1 76.9 115.3

145 32.4 25.0 37.4





#31

Naphthalene

Concen: 7.861 ng

RT: 8.140 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

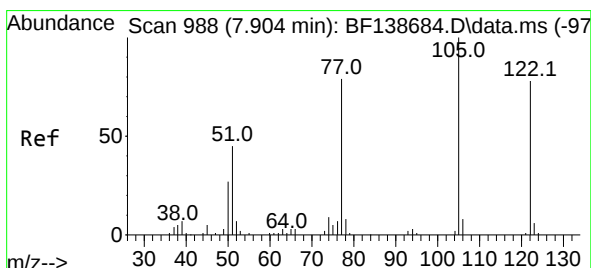
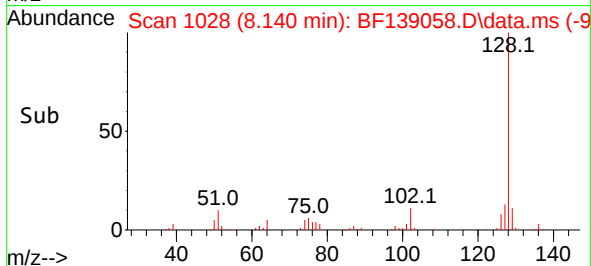
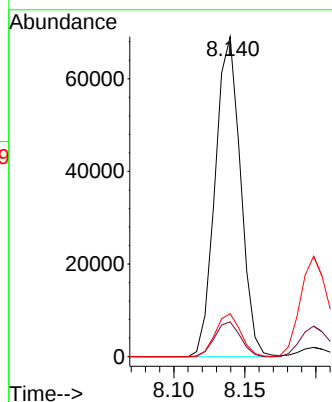
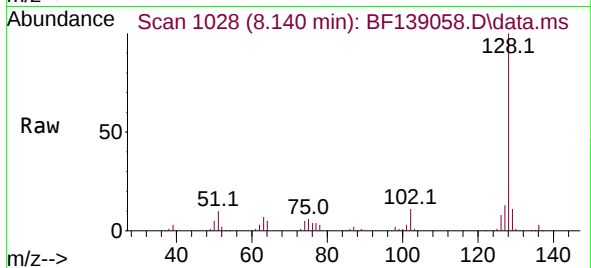
Tgt Ion:128 Resp: 85690

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.5 10.6 16.0



#32

Benzoic acid

Concen: 3.215 ng m

RT: 7.928 min Scan# 992

Delta R.T. 0.024 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

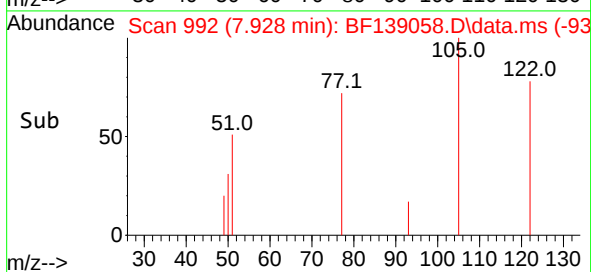
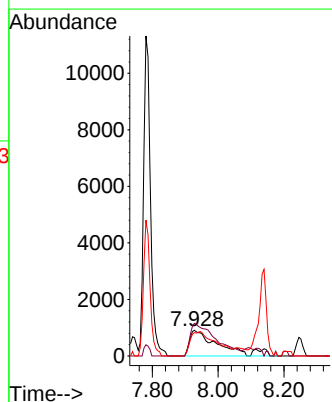
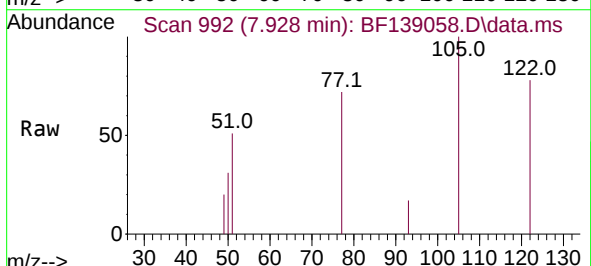
Tgt Ion:122 Resp: 5607

Ion Ratio Lower Upper

122 100

105 127.4 106.7 146.7

77 91.2 81.1 121.1

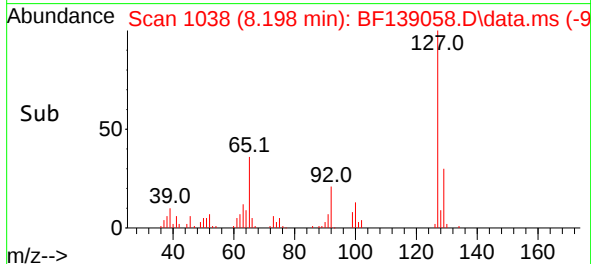
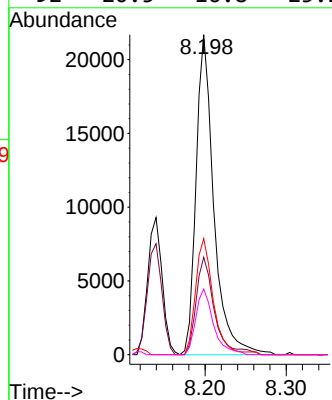
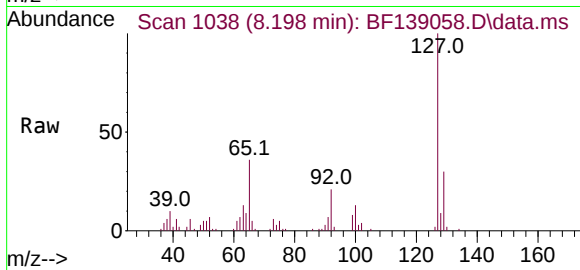




#33
4-Chloroaniline
Concen: 9.041 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

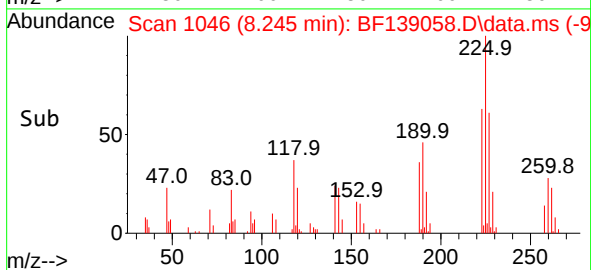
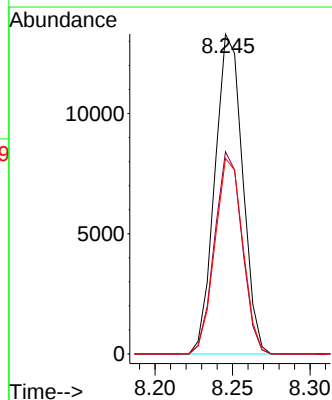
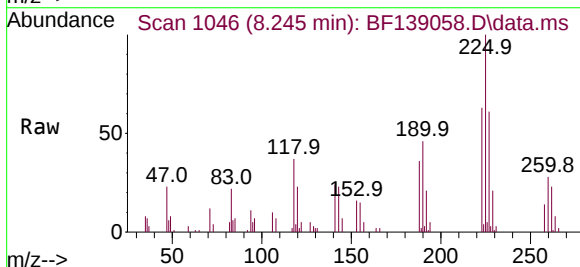
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

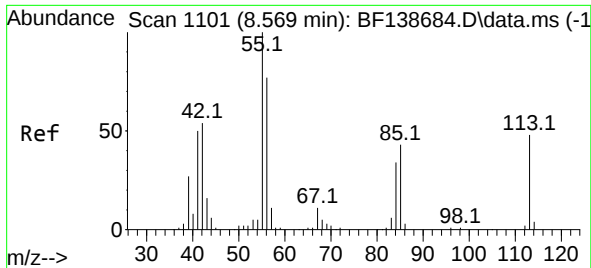
Tgt Ion:	127	Resp:	33084
Ion Ratio	Lower	Upper	
127	100		
129	30.5	25.9	38.9
65	36.3	27.6	41.4
92	20.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 8.312 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.018 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:	225	Resp:	16566
Ion Ratio	Lower	Upper	
225	100		
223	63.2	51.2	76.8
227	61.1	51.1	76.7

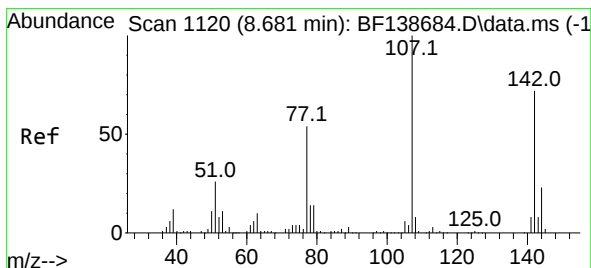
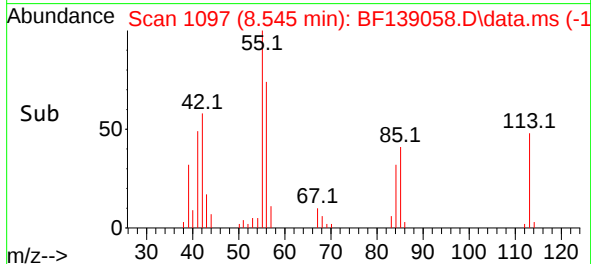
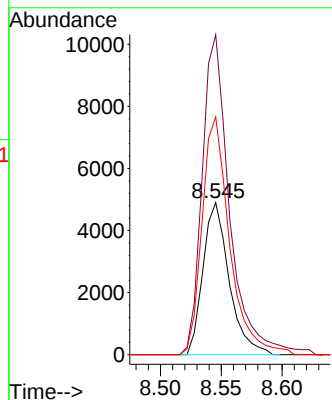
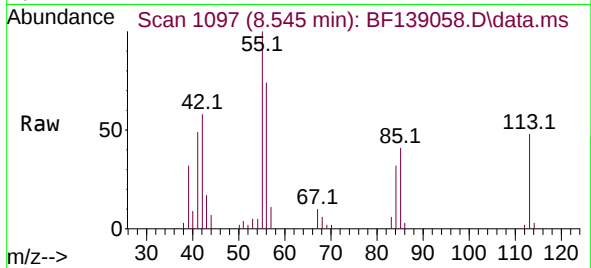




#35
 Caprolactam
 Concen: 8.595 ng
 RT: 8.545 min Scan# 1101
 Delta R.T. -0.023 min
 Lab File: BF139058.D
 Acq: 16 Aug 2024 15:28

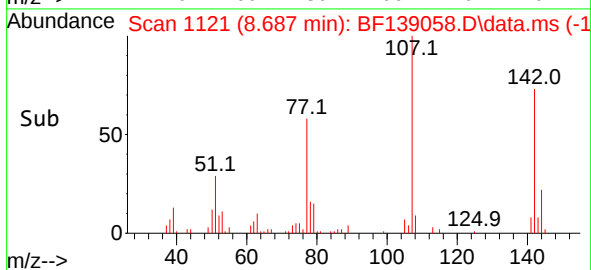
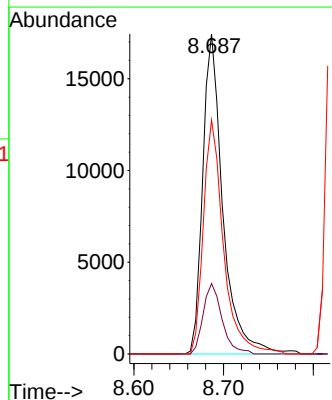
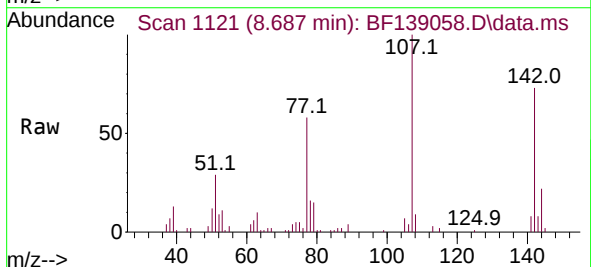
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

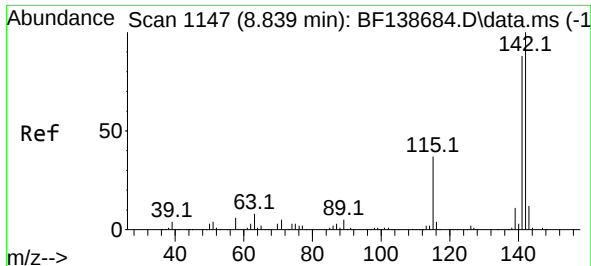
Tgt Ion:113 Resp: 7312
 Ion Ratio Lower Upper
 113 100
 55 210.4 186.7 226.7
 56 156.3 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 8.312 ng
 RT: 8.687 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF139058.D
 Acq: 16 Aug 2024 15:28

Tgt Ion:107 Resp: 27084
 Ion Ratio Lower Upper
 107 100
 144 22.0 18.2 27.2
 142 73.1 57.4 86.2





#37

2-Methylnaphthalene

Concen: 8.220 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139058.D

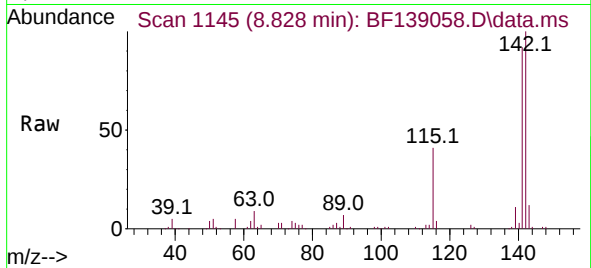
Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

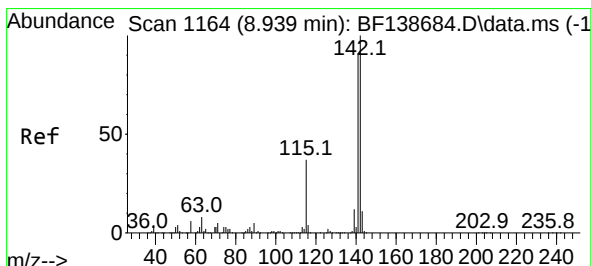
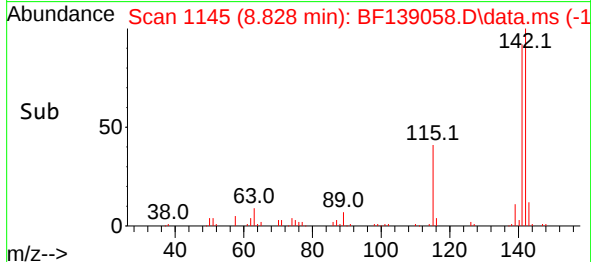
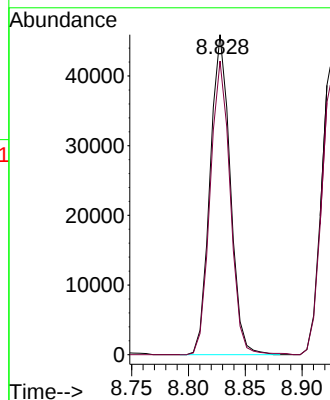


Tgt Ion:142 Resp: 56593

Ion Ratio Lower Upper

142 100

141 91.7 70.8 106.2



#38

1-Methylnaphthalene

Concen: 8.045 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139058.D

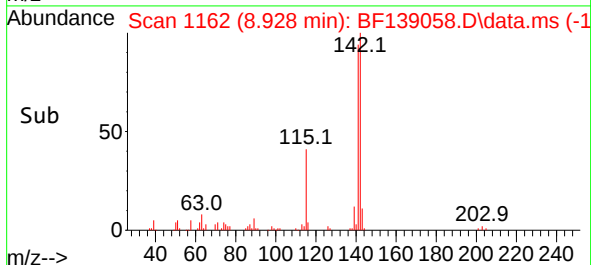
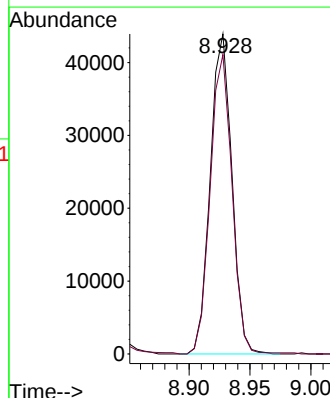
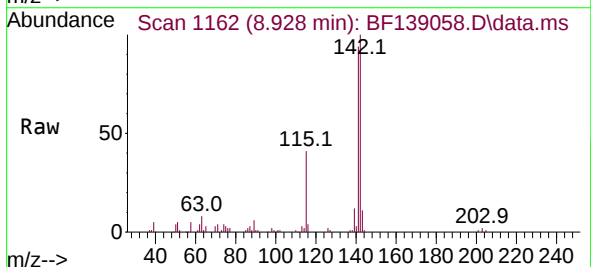
Acq: 16 Aug 2024 15:28

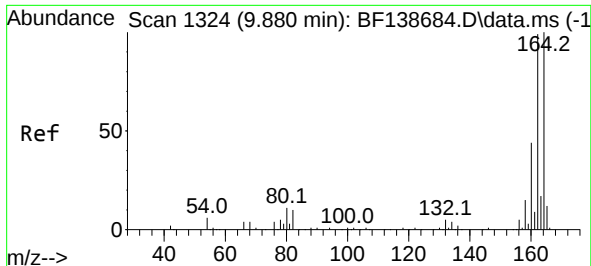
Tgt Ion:142 Resp: 54271

Ion Ratio Lower Upper

142 100

141 93.6 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1173

Delta R.T. -0.011 min

Lab File: BF139058.D

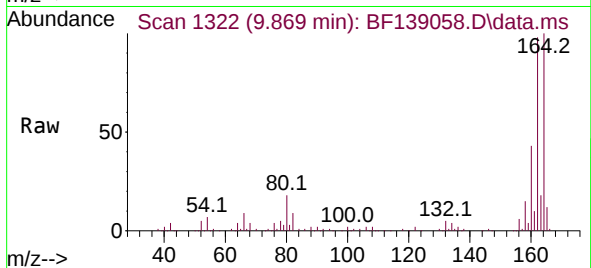
Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



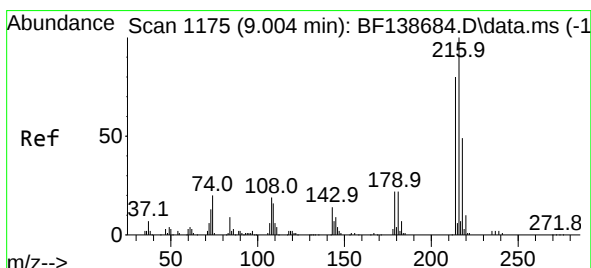
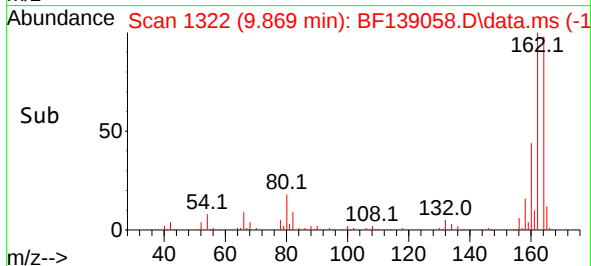
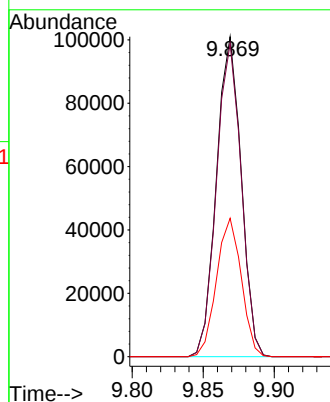
Tgt Ion:164 Resp: 122081

Ion Ratio Lower Upper

164 100

162 97.9 79.4 119.0

160 43.2 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.931 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Tgt Ion:216 Resp: 26895

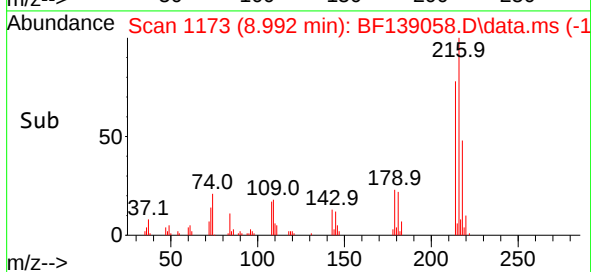
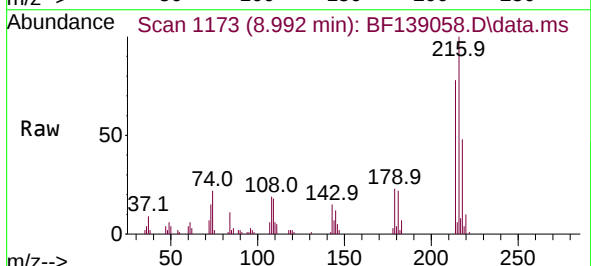
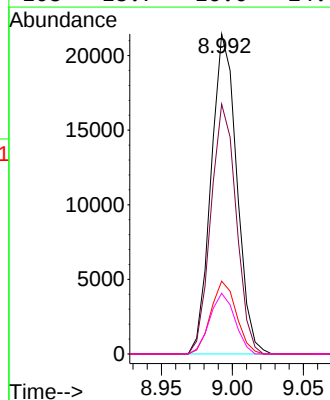
Ion Ratio Lower Upper

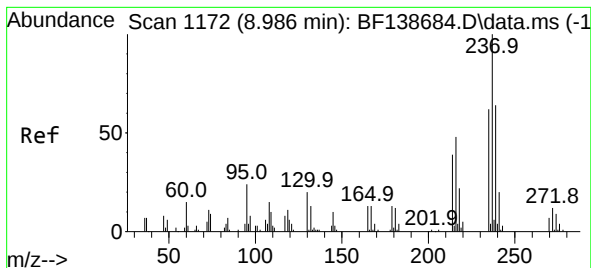
216 100

214 76.8 63.9 95.9

179 22.7 17.8 26.6

108 18.7 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 7.381 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.011 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

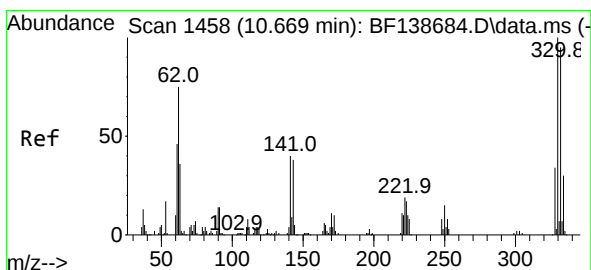
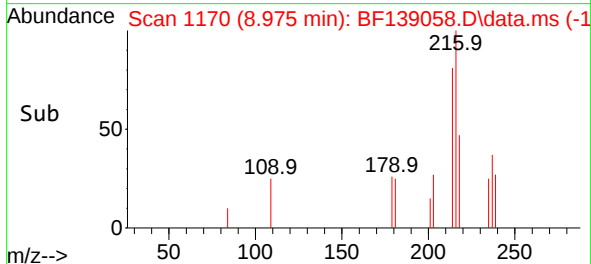
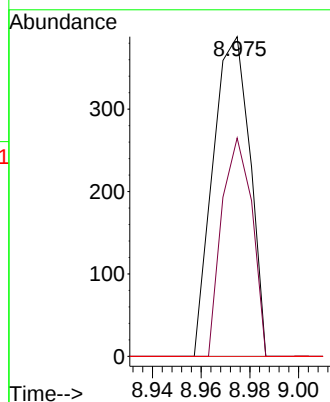
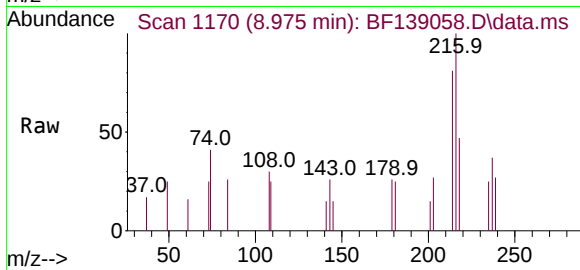
Tgt Ion:237 Resp: 408

Ion Ratio Lower Upper

237 100

235 68.3 41.8 81.8

272 0.0 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 131.397 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

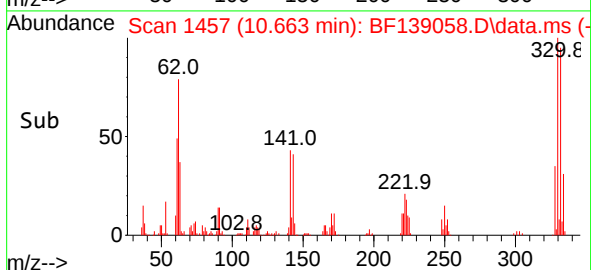
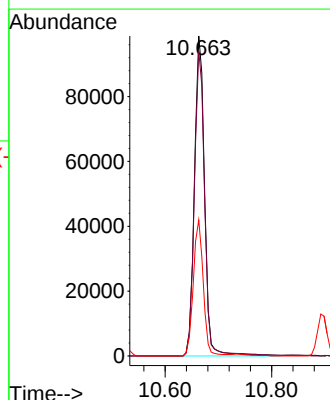
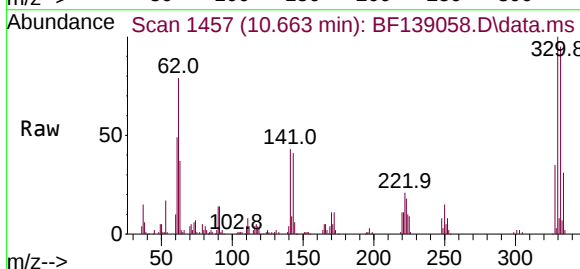
Tgt Ion:330 Resp: 131398

Ion Ratio Lower Upper

330 100

332 95.9 76.4 114.6

141 41.4 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 6.877 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF139058.D

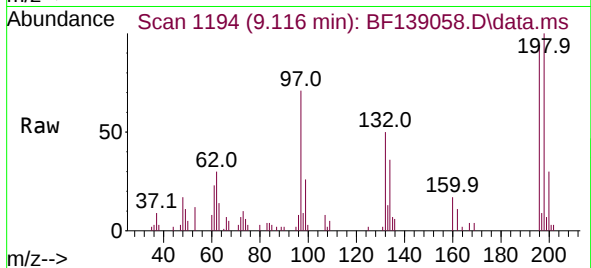
Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



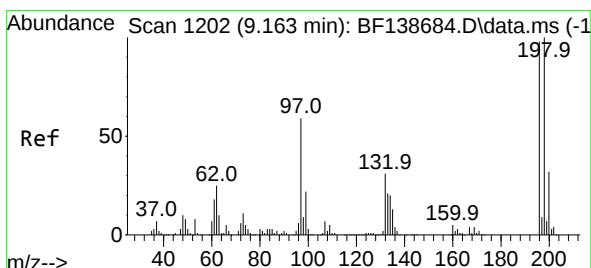
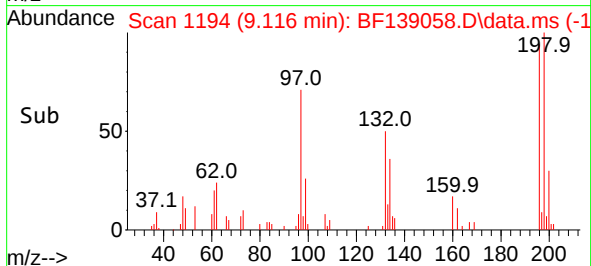
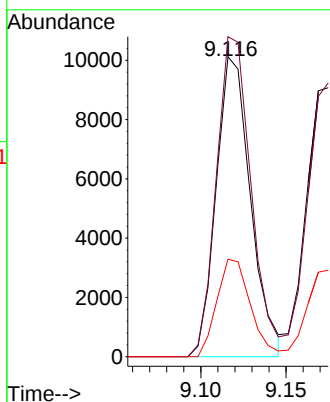
Tgt Ion:196 Resp: 14220

Ion Ratio Lower Upper

196 100

198 106.7 80.5 120.7

200 32.5 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 7.622 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Tgt Ion:196 Resp: 17228

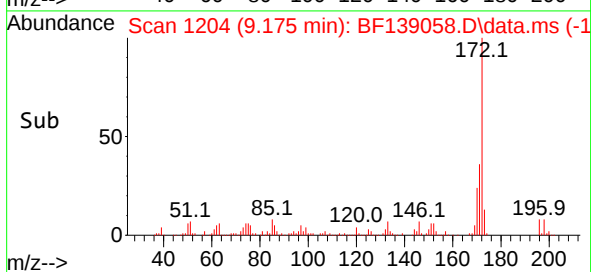
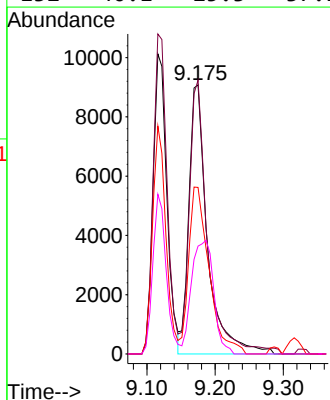
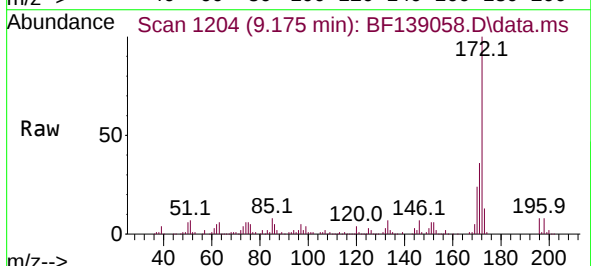
Ion Ratio Lower Upper

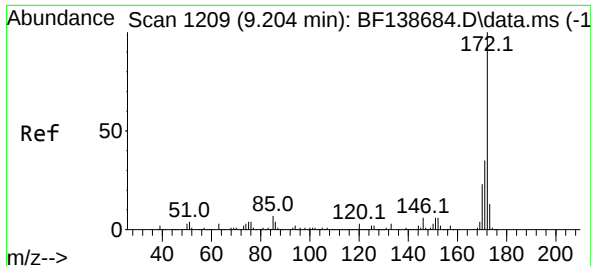
196 100

198 101.7 81.2 121.8

97 61.9 47.8 71.6

132 40.1 25.3 37.9#

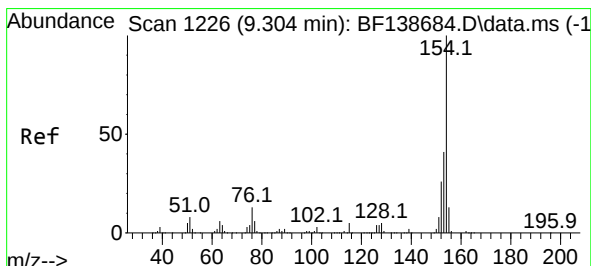
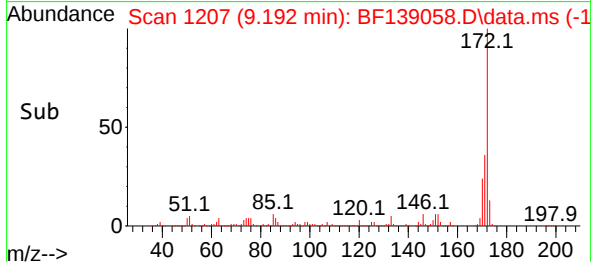
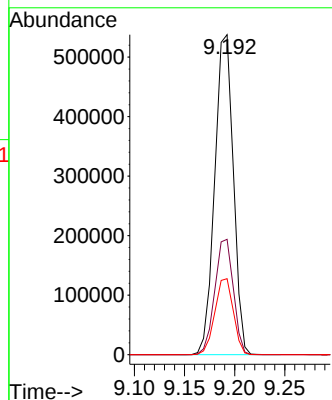
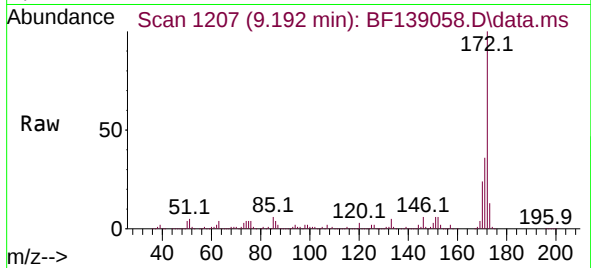




#45
2-Fluorobiphenyl
Concen: 85.521 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

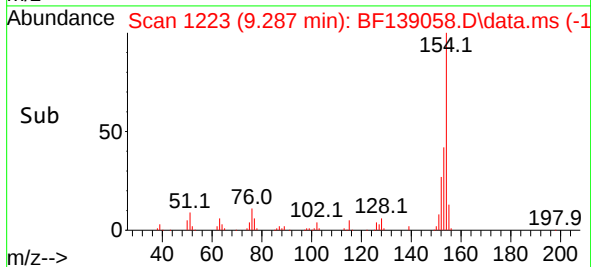
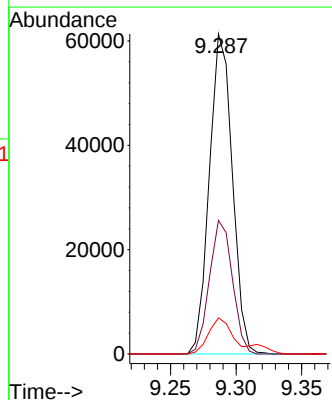
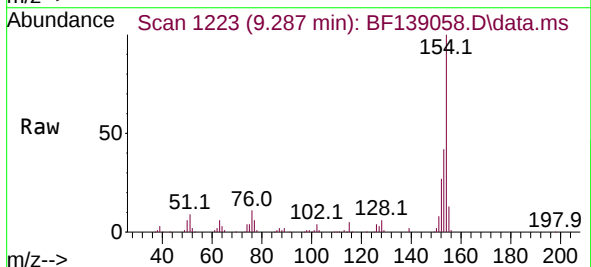
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:172 Resp: 694874
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 7.824 ng
RT: 9.287 min Scan# 1223
Delta R.T. -0.018 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:154 Resp: 74804
Ion Ratio Lower Upper
154 100
153 41.7 20.8 60.8
76 11.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 7.493 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

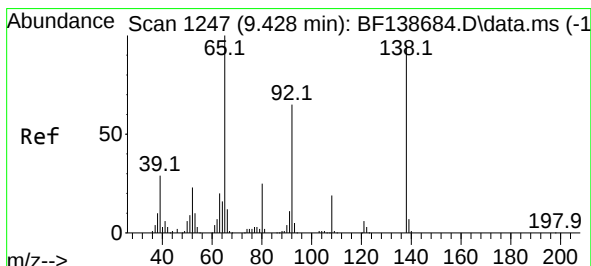
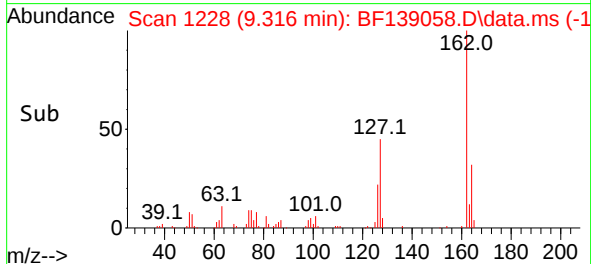
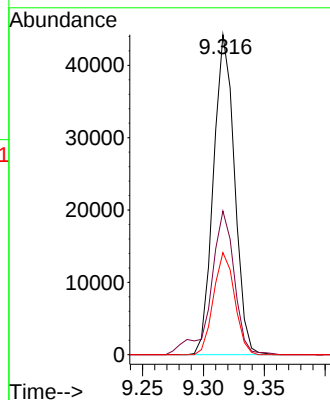
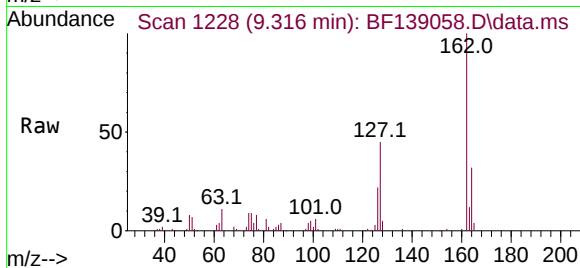
Tgt Ion:162 Resp: 53280

Ion Ratio Lower Upper

162 100

127 44.9 35.4 53.2

164 31.9 25.6 38.4



#48

2-Nitroaniline

Concen: 7.835 ng

RT: 9.422 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

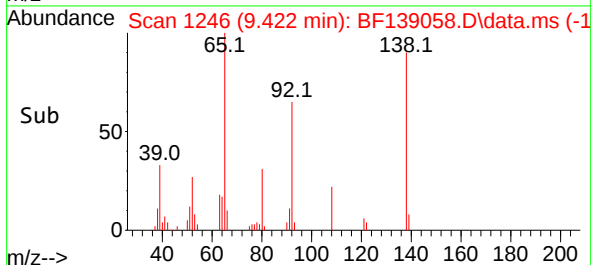
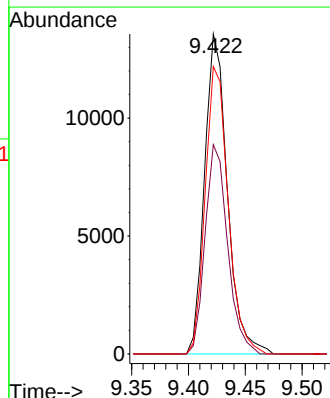
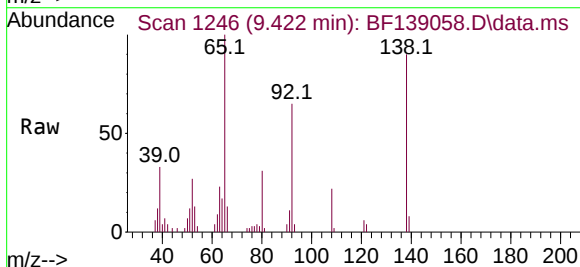
Tgt Ion: 65 Resp: 18889

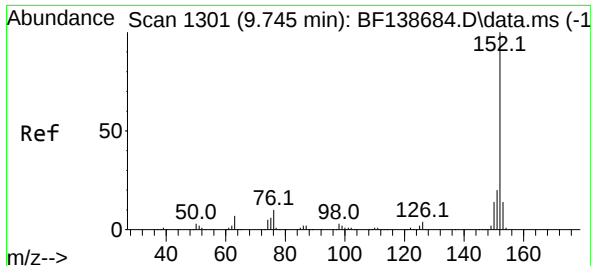
Ion Ratio Lower Upper

65 100

92 65.4 52.0 78.0

138 89.8 76.2 114.4





#49

Acenaphthylene

Concen: 8.638 ng

RT: 9.728 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF139058.D

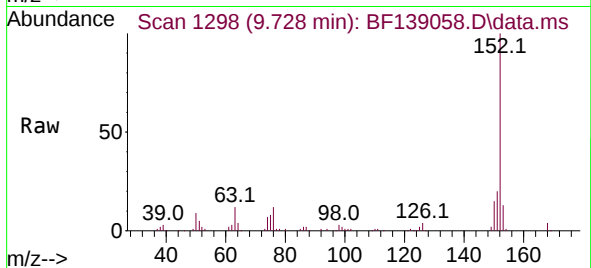
Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



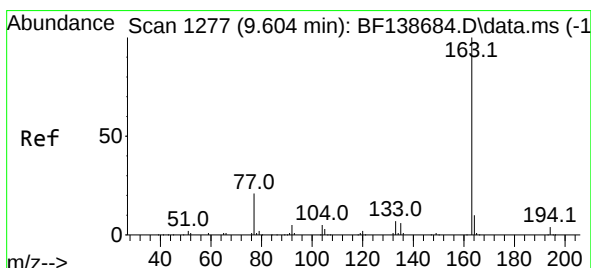
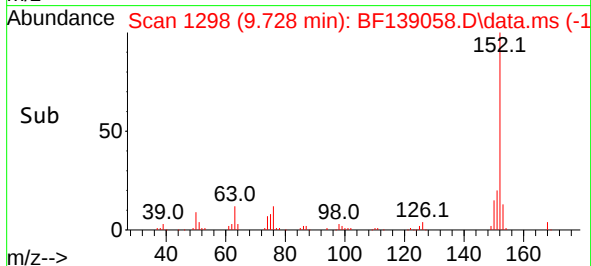
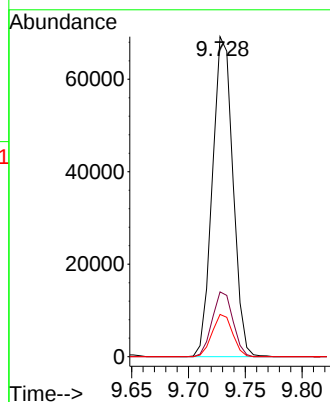
Tgt Ion:152 Resp: 87122

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.2 11.0 16.4



#50

Dimethylphthalate

Concen: 8.535 ng

RT: 9.587 min Scan# 1274

Delta R.T. -0.018 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

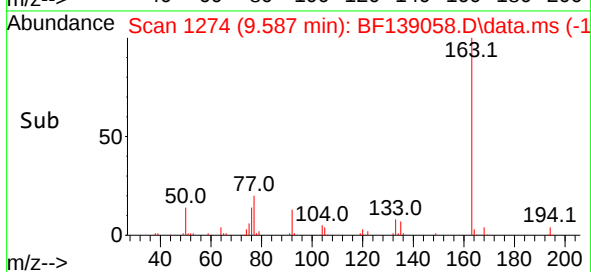
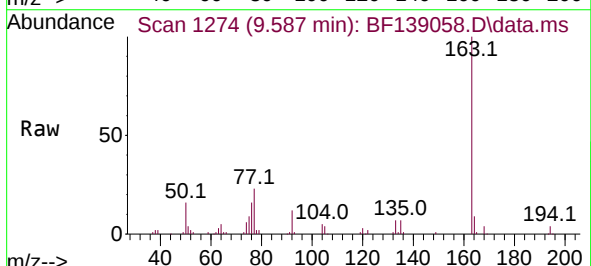
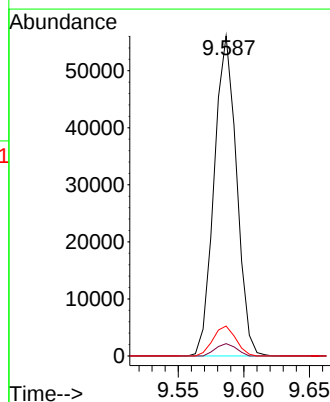
Tgt Ion:163 Resp: 66627

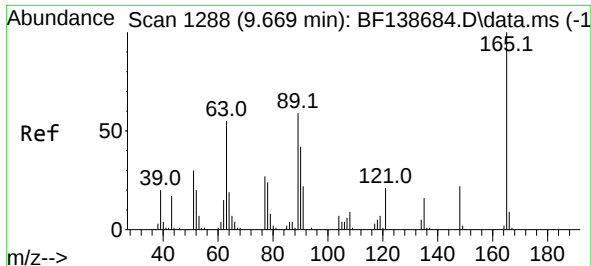
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.3 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 8.029 ng

RT: 9.657 min Scan# 1312

Delta R.T. -0.012 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

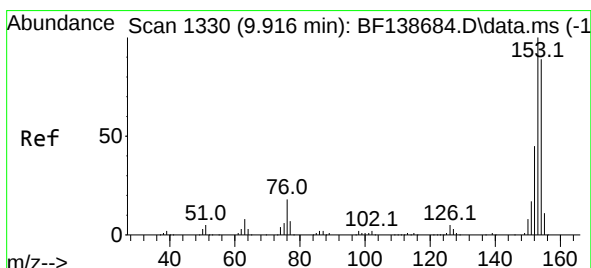
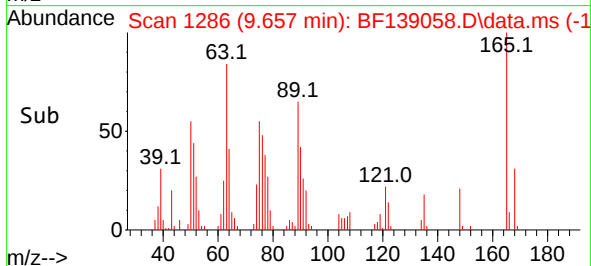
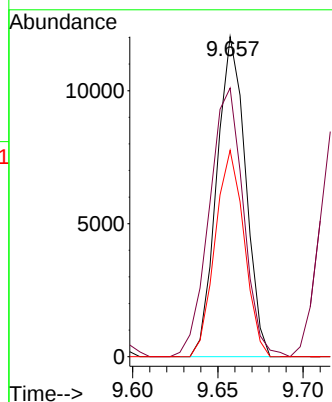
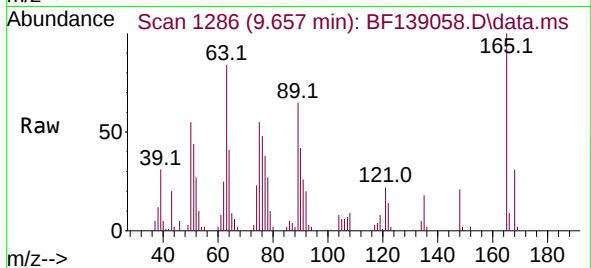
Tgt Ion:165 Resp: 14145

Ion Ratio Lower Upper

165 100

63 84.0 52.0 78.0#

89 64.5 47.0 70.6



#52

Acenaphthene

Concen: 7.988 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

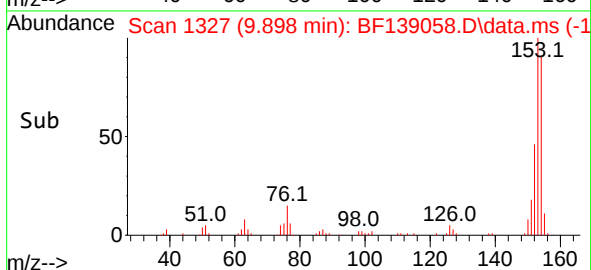
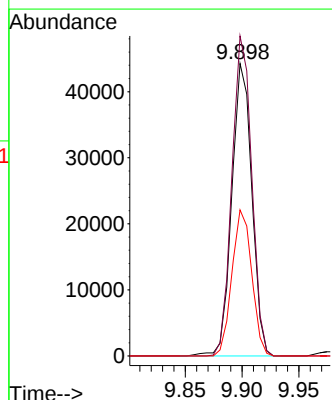
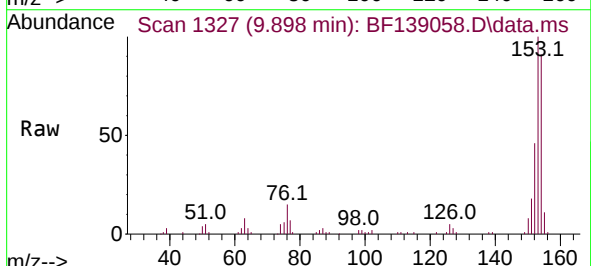
Tgt Ion:154 Resp: 54159

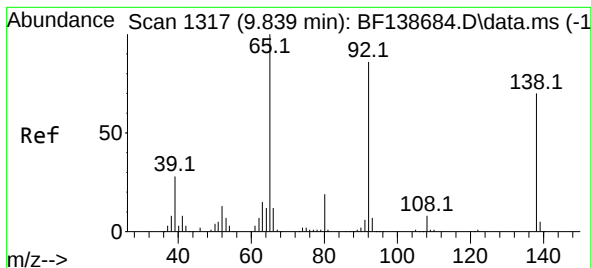
Ion Ratio Lower Upper

154 100

153 109.4 89.9 134.9

152 50.0 40.6 60.8





#53

3-Nitroaniline

Concen: 7.557 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

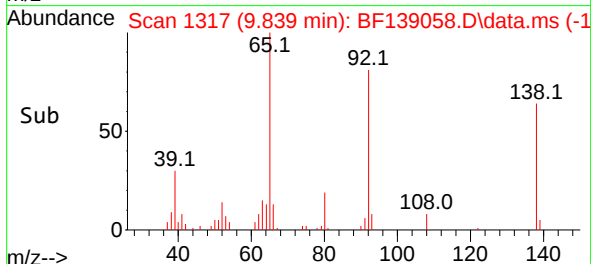
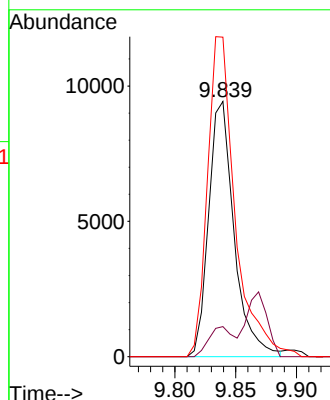
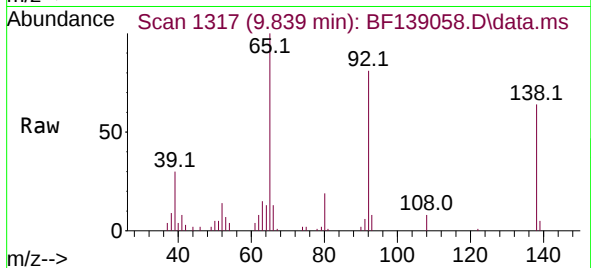
Tgt Ion:138 Resp: 13762

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

92 125.2 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 3.156 ng m

RT: 9.981 min Scan# 1341

Delta R.T. 0.030 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

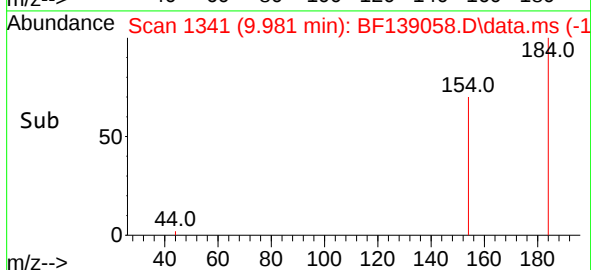
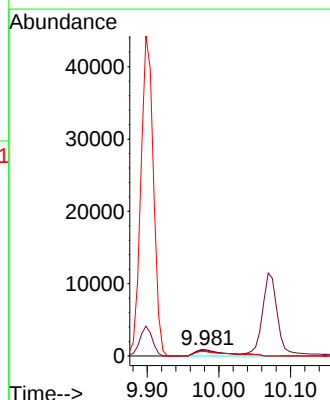
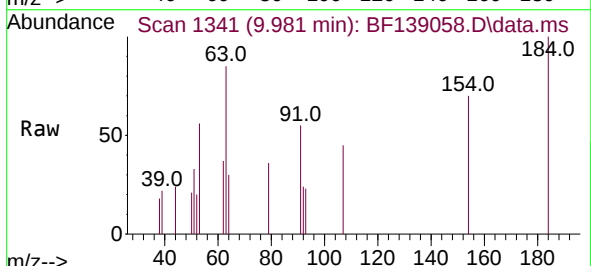
Tgt Ion:184 Resp: 2559

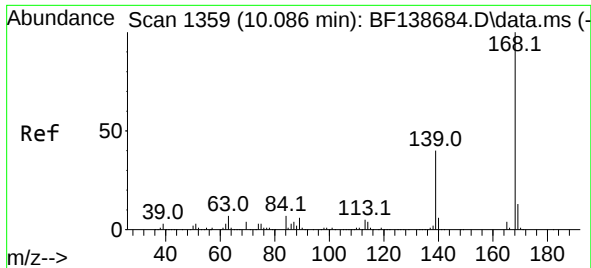
Ion Ratio Lower Upper

184 100

63 84.8 57.5 86.3

154 70.5 51.7 77.5

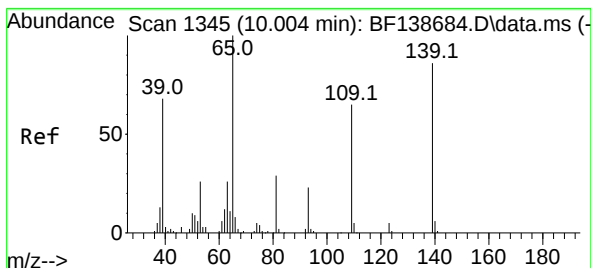
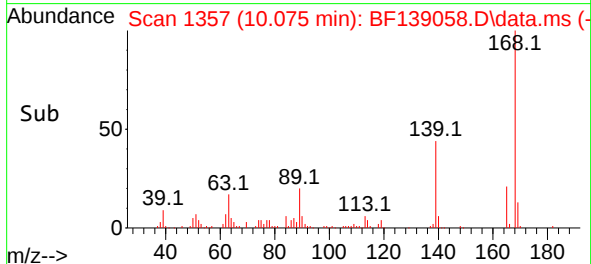
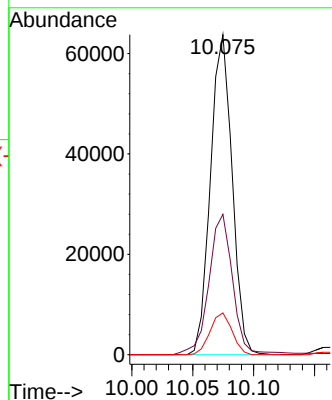
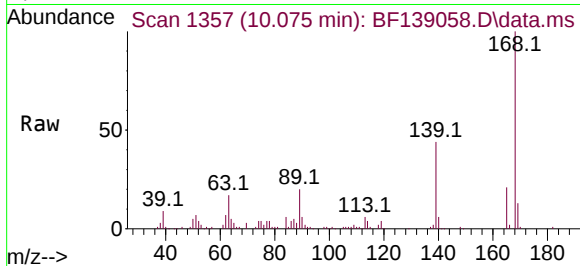




#55
Dibenzenofuran
Concen: 8.222 ng
RT: 10.075 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

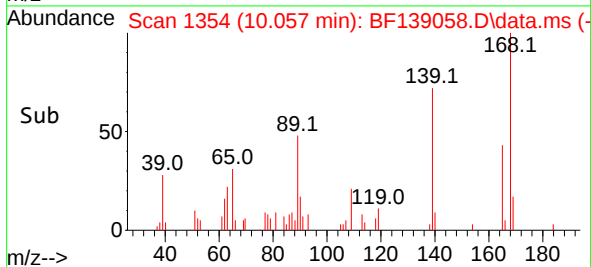
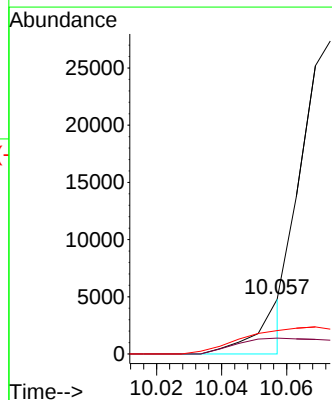
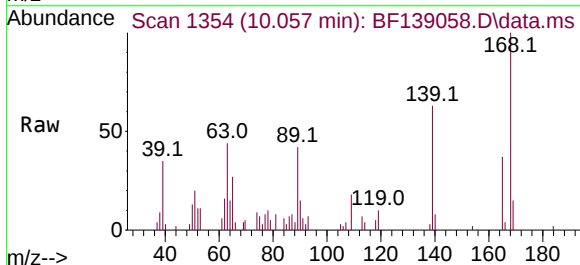
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

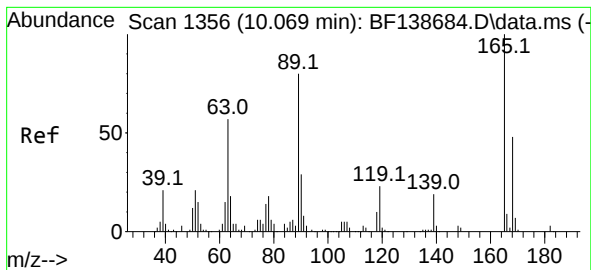
Tgt Ion:168 Resp: 78683
Ion Ratio Lower Upper
168 100
139 43.9 32.6 49.0
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 2.598 ng m
RT: 10.057 min Scan# 1354
Delta R.T. 0.053 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:139 Resp: 2845
Ion Ratio Lower Upper
139 100
109 28.9 55.5 95.5#
65 42.6 96.7 136.7#

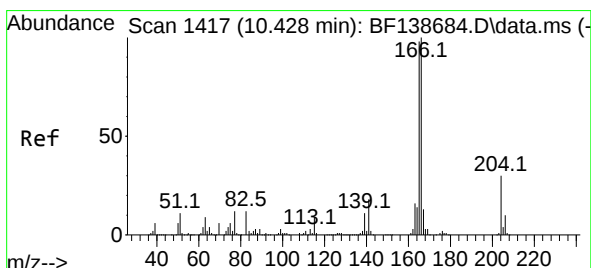
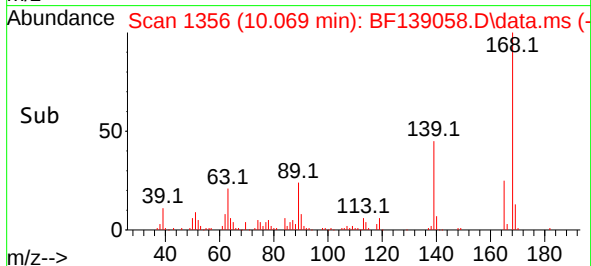
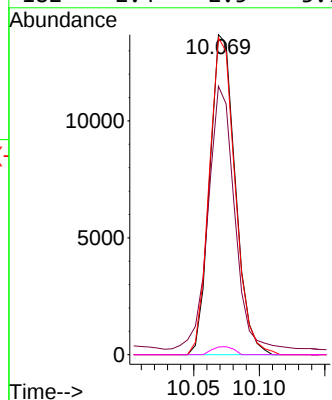
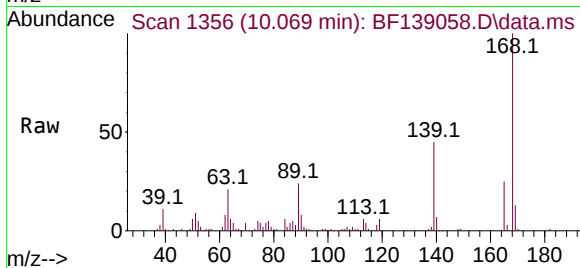




#57
2,4-Dinitrotoluene
Concen: 8.246 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

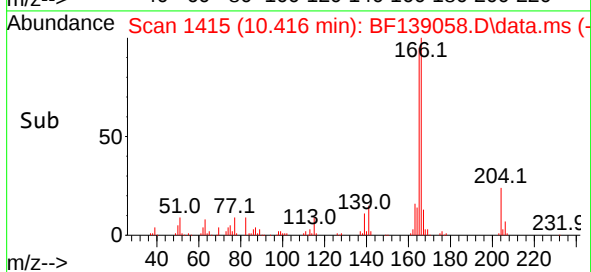
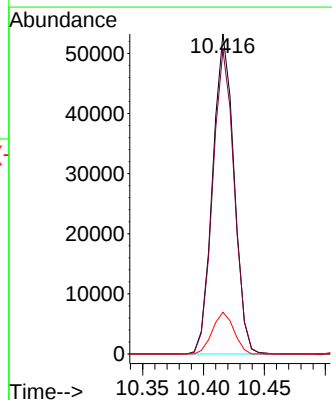
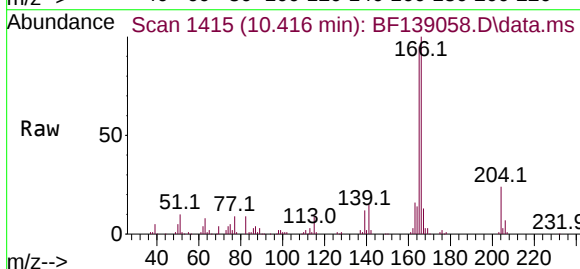
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

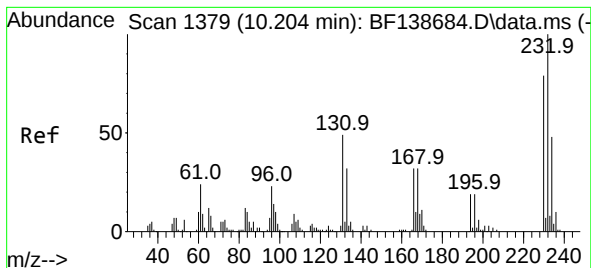
Tgt Ion:	165	Resp:	18534
Ion Ratio	Lower	Upper	
165	100		
63	83.9	46.3	69.5#
89	99.1	64.2	96.4#
182	2.4	2.5	3.7#



#58
Fluorene
Concen: 8.501 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:	166	Resp:	64789
Ion Ratio	Lower	Upper	
166	100		
165	95.0	78.4	117.6
167	13.0	10.6	16.0

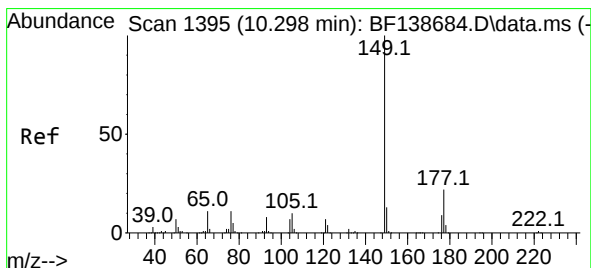
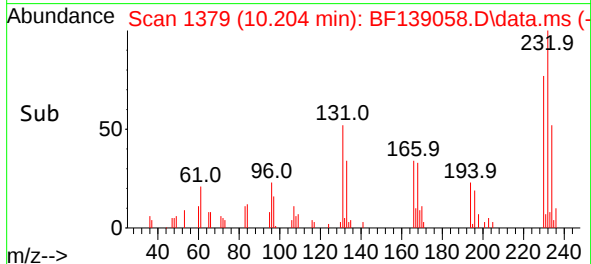
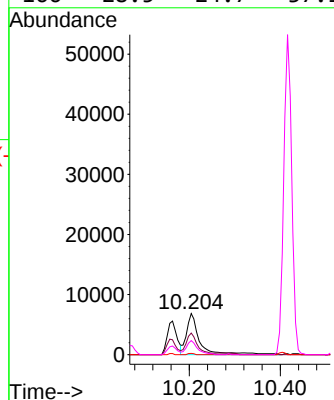
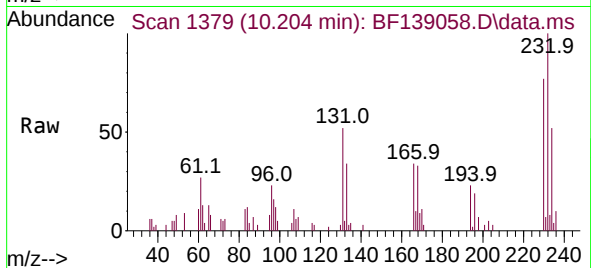




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.025 ng m
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

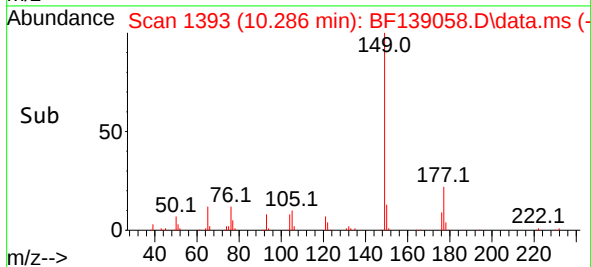
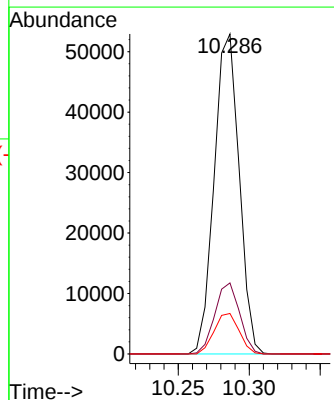
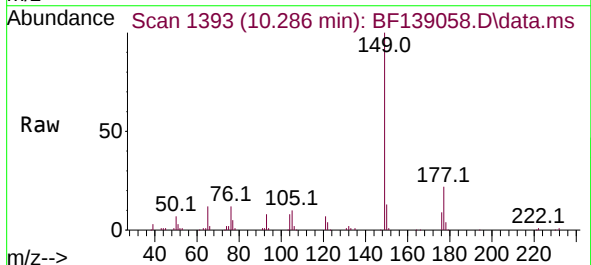
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

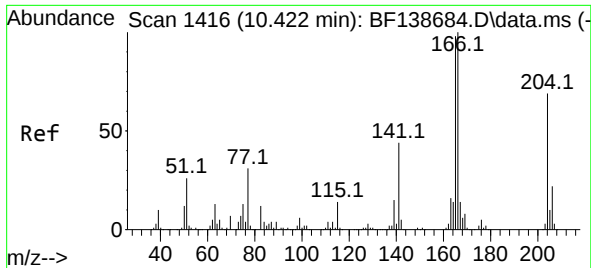
Tgt Ion:232 Resp: 13868
Ion Ratio Lower Upper
232 100
131 39.4 37.0 55.4
130 1.4 2.0 3.0#
166 28.5 24.7 37.1



#60
Diethylphthalate
Concen: 8.740 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:149 Resp: 64691
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.6 10.1 15.1

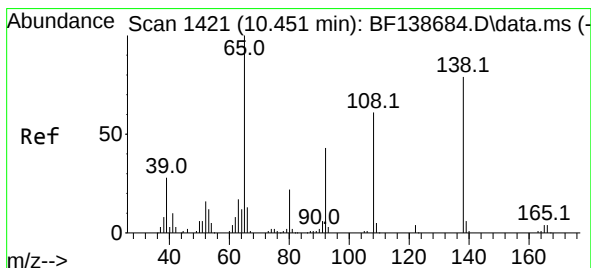
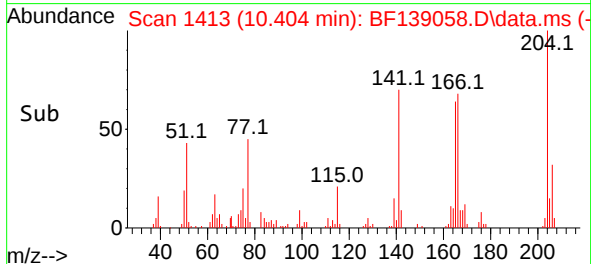
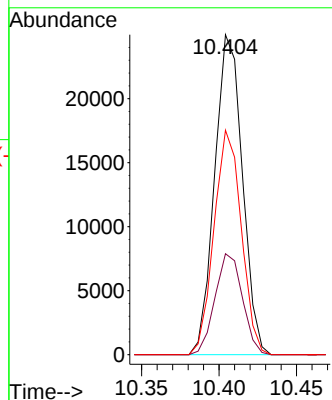
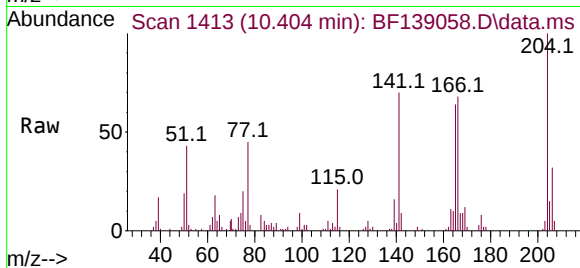




#61
4-Chlorophenyl-phenylether
Concen: 8.293 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

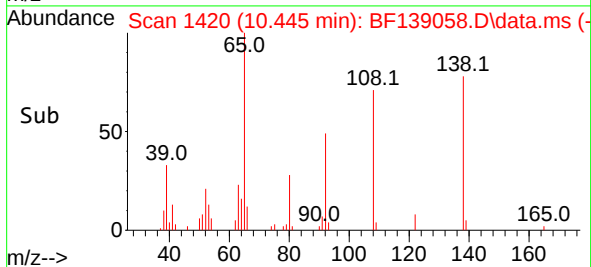
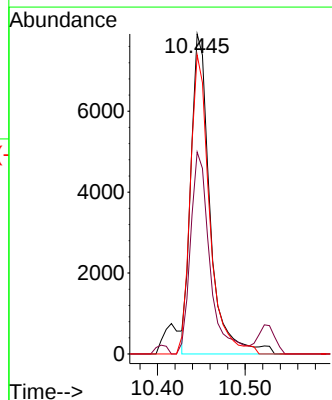
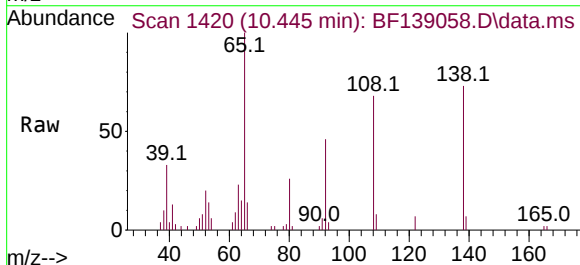
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

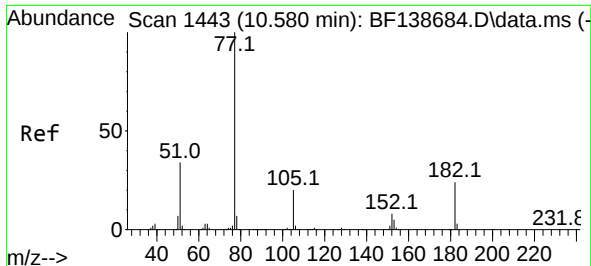
Tgt Ion:204 Resp: 31085
Ion Ratio Lower Upper
204 100
206 31.5 26.1 39.1
141 70.2 51.4 77.0



#62
4-Nitroaniline
Concen: 6.896 ng m
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:138 Resp: 11934
Ion Ratio Lower Upper
138 100
92 63.1 34.2 74.2
108 93.4 56.2 96.2

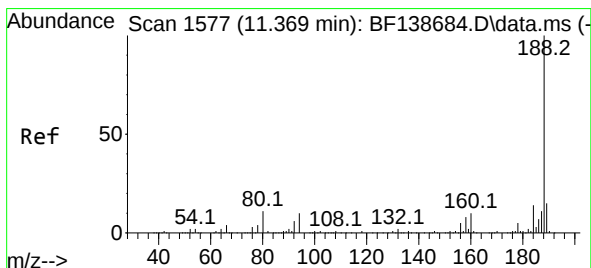
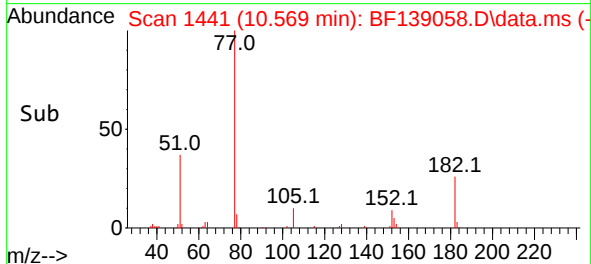
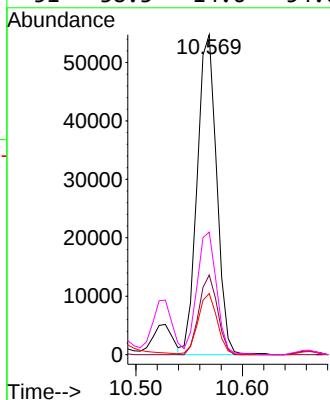
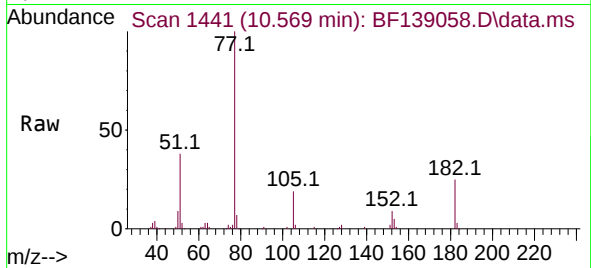




#63
Azobenzene
Concen: 8.501 ng
RT: 10.569 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

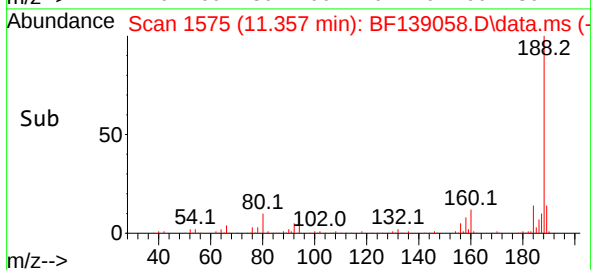
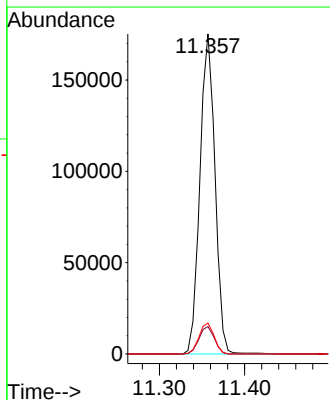
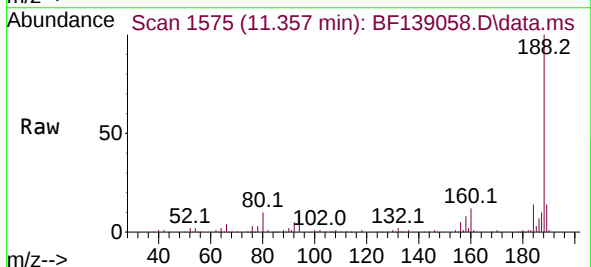
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

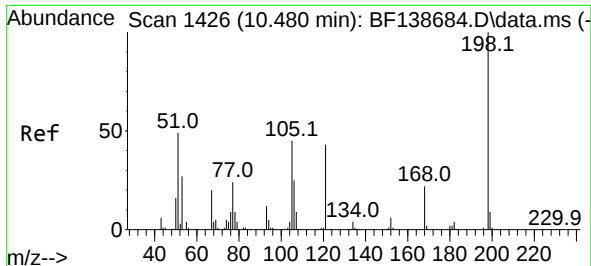
Tgt Ion: 77	Resp: 69781
Ion Ratio	Lower Upper
77 100	
182 24.9	3.4 43.4
105 19.1	0.2 40.2
51 38.3	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion: 188	Resp: 215137
Ion Ratio	Lower Upper
188 100	
94 8.6	7.6 11.4
80 9.7	8.6 12.8

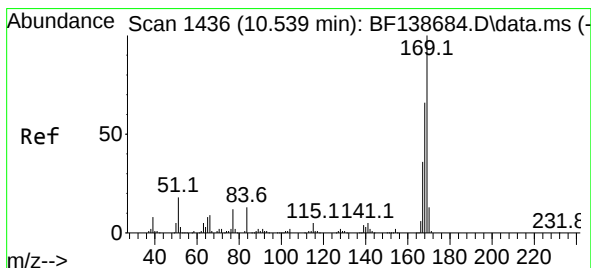
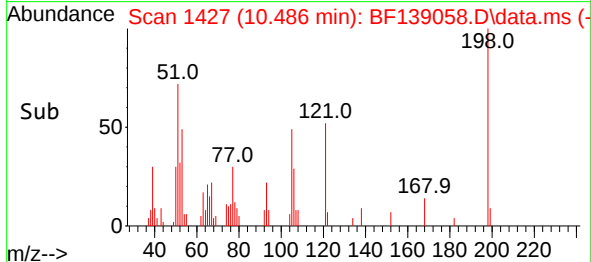
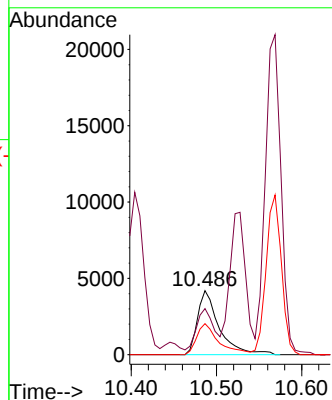
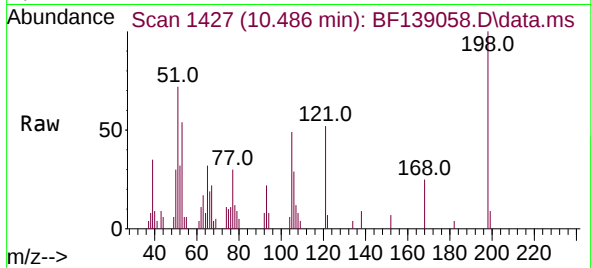




#65
4,6-Dinitro-2-methylphenol
Concen: 5.650 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

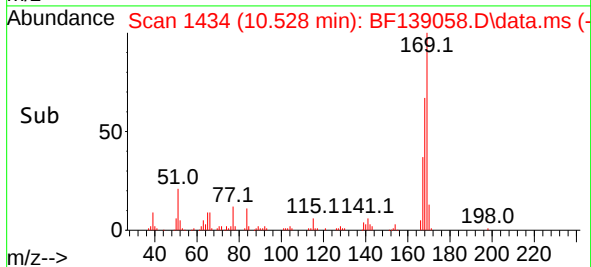
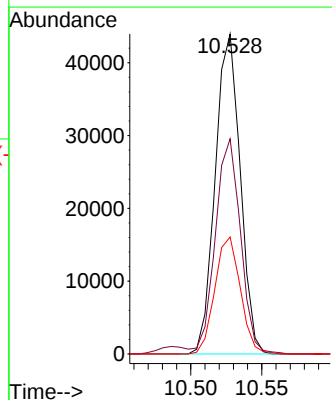
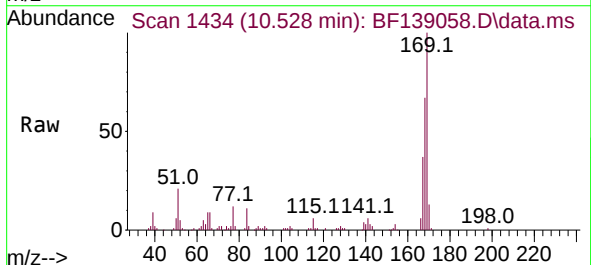
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

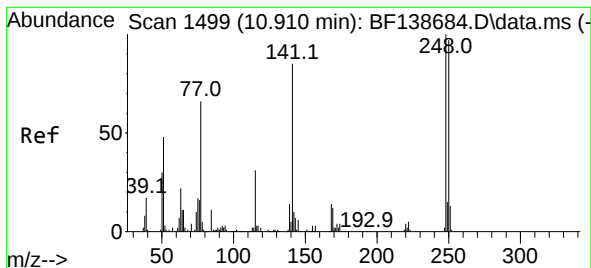
Tgt Ion:198 Resp: 7416
Ion Ratio Lower Upper
198 100
51 72.1 39.9 79.9
105 48.7 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 7.988 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:169 Resp: 53717
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.5 29.0 43.6

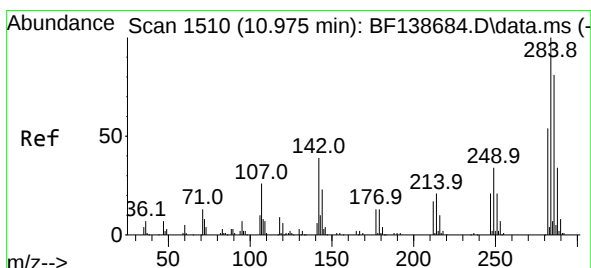
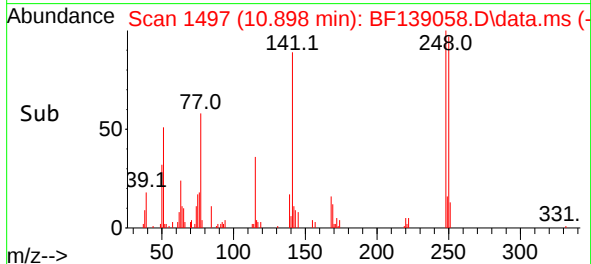
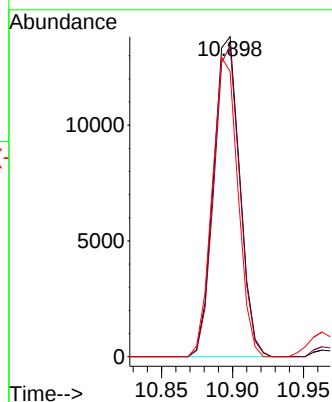
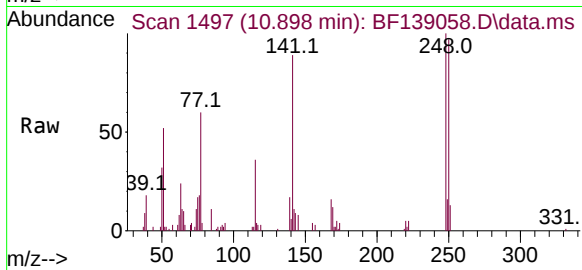




#67
4-Bromophenyl-phenylether
Concen: 7.613 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

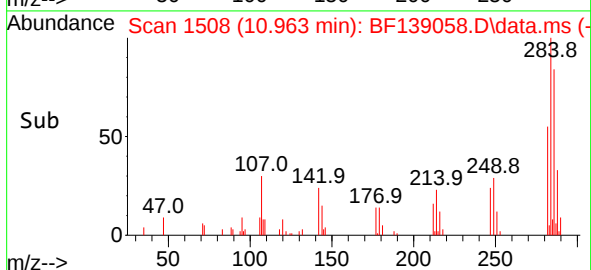
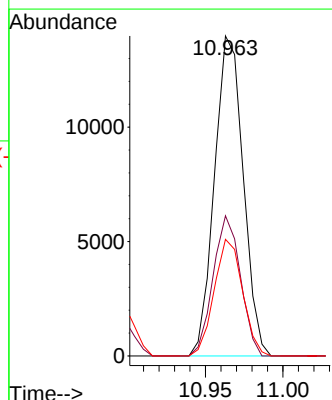
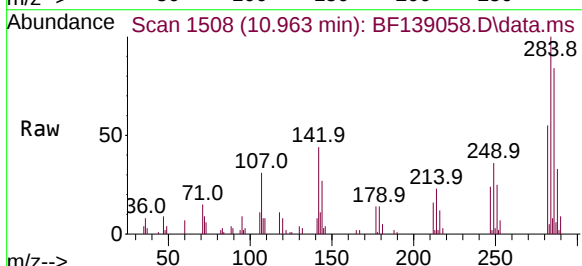
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:248 Resp: 17732
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 89.0 68.0 102.0



#68
Hexachlorobenzene
Concen: 7.486 ng
RT: 10.963 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:284 Resp: 18004
Ion Ratio Lower Upper
284 100
142 43.8 31.3 46.9
249 36.5 27.2 40.8





#69

Atrazine

Concen: 10.062 ng

RT: 11.051 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

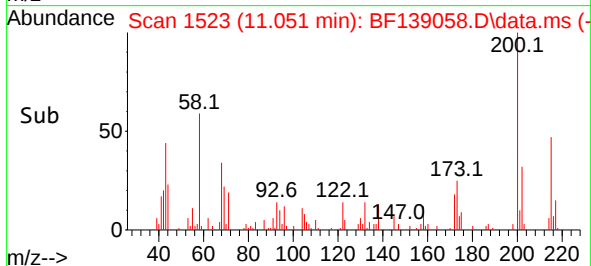
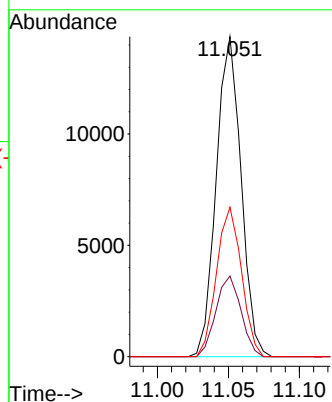
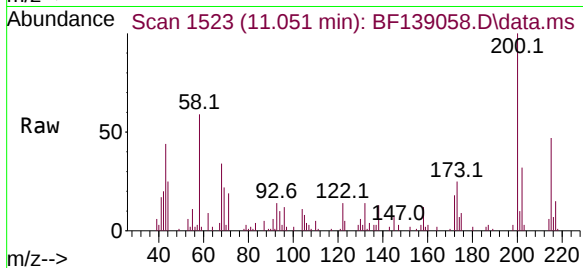
Tgt Ion:200 Resp: 17457

Ion Ratio Lower Upper

200 100

173 25.2 6.0 46.0

215 46.7 26.1 66.1



#70

Pentachlorophenol

Concen: 1.624 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.011 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

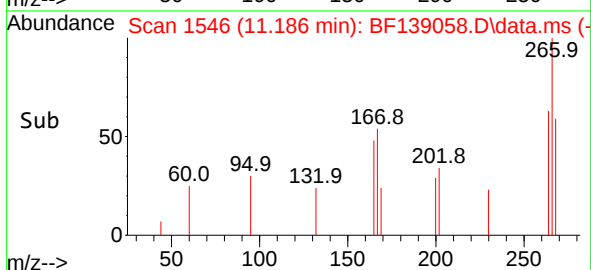
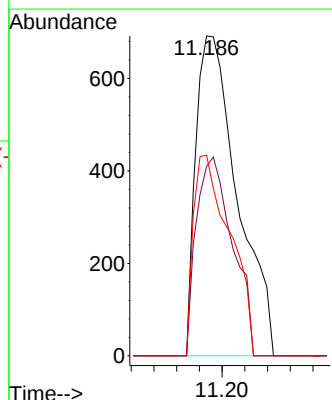
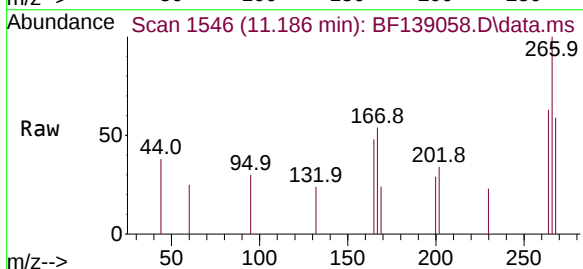
Tgt Ion:266 Resp: 1760

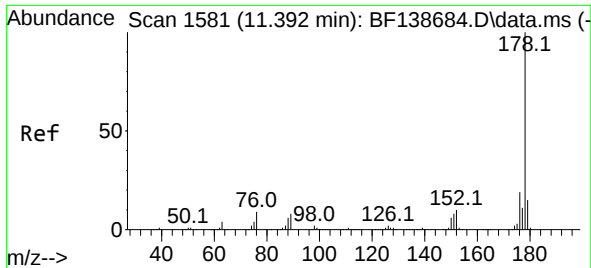
Ion Ratio Lower Upper

266 100

268 59.2 49.2 73.8

264 62.7 49.8 74.6

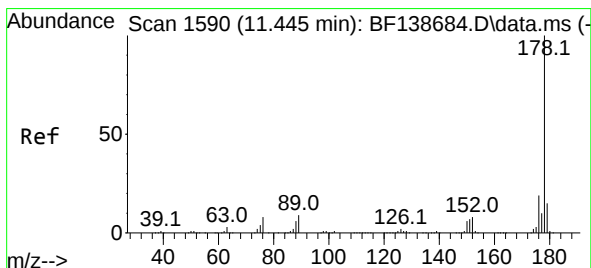
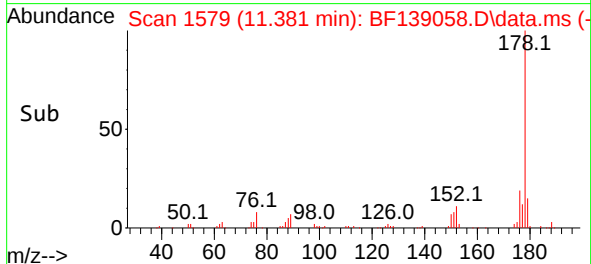
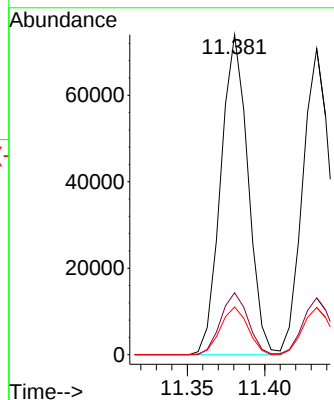
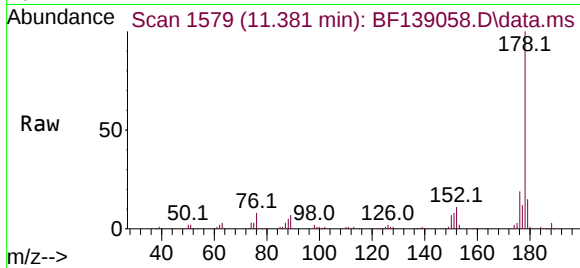




#71
Phenanthrene
Concen: 8.162 ng
RT: 11.381 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

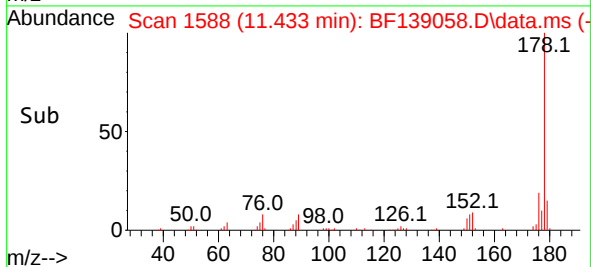
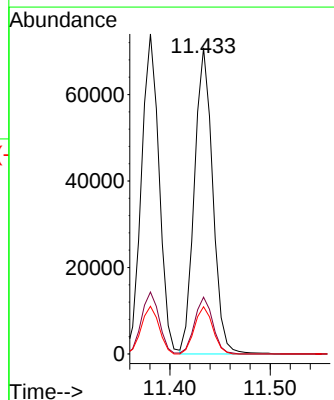
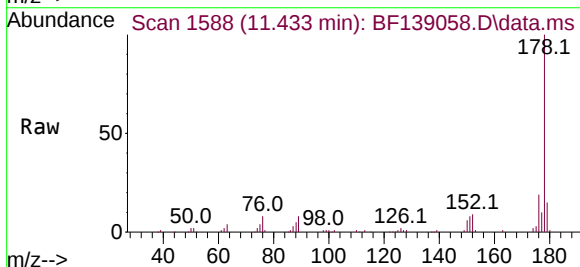
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

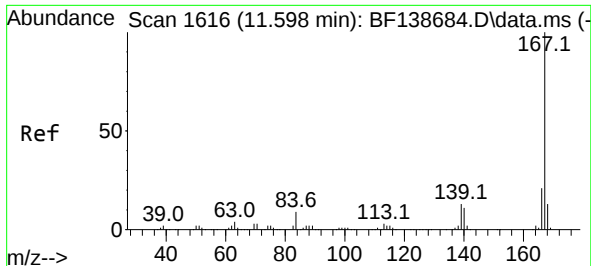
Tgt Ion:178 Resp: 90417
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 14.9 12.2 18.2



#72
Anthracene
Concen: 8.231 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

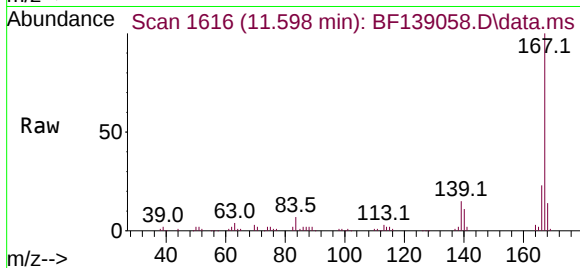
Tgt Ion:178 Resp: 89825
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.4 12.4 18.6



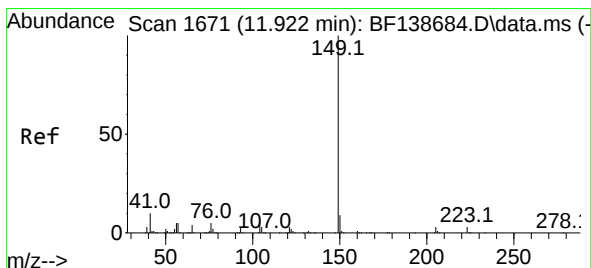
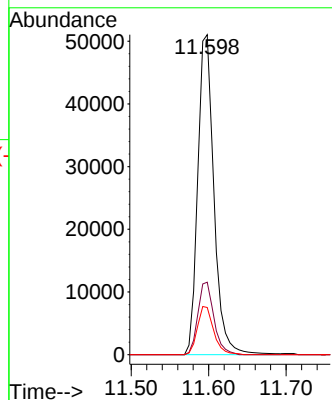
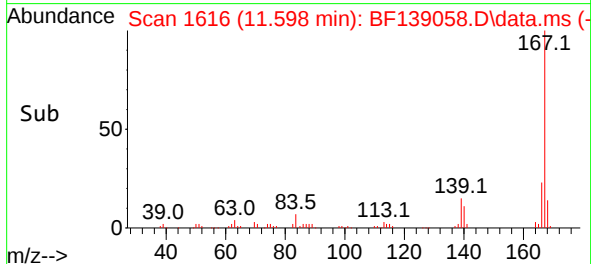


#73
 Carbazole
 Concen: 7.875 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF139058.D
 Acq: 16 Aug 2024 15:28

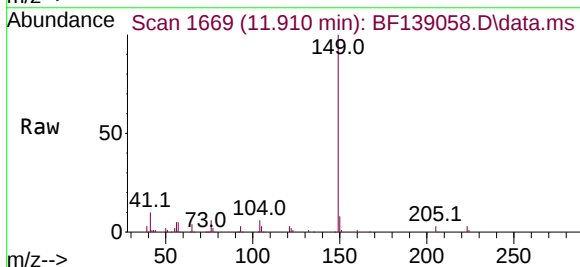
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024



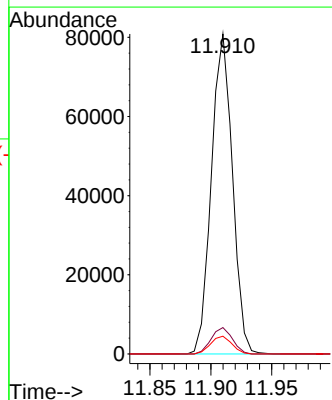
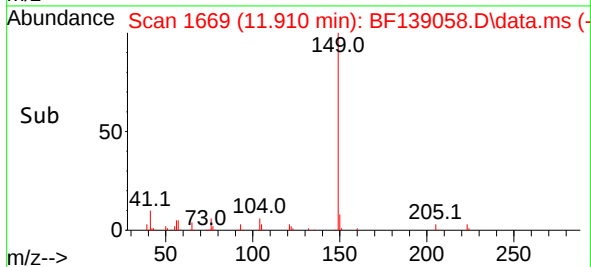
Tgt Ion:167	Resp:	74144
Ion Ratio	Lower	Upper
167	100	
166	22.7	17.2 25.8
139	14.7	10.6 16.0

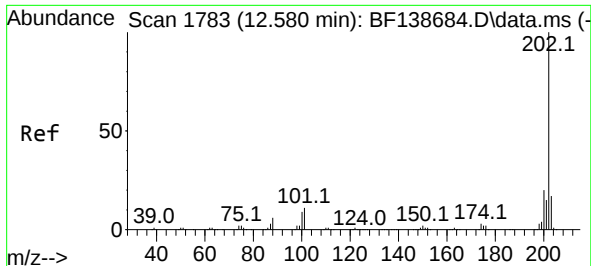


#74
 Di-n-butylphthalate
 Concen: 9.193 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF139058.D
 Acq: 16 Aug 2024 15:28



Tgt Ion:149	Resp:	97305
Ion Ratio	Lower	Upper
149	100	
150	8.3	7.4 11.0
104	5.6	4.1 6.1

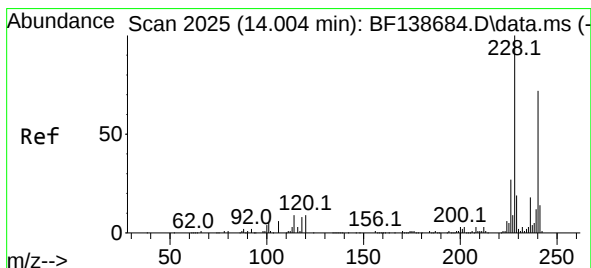
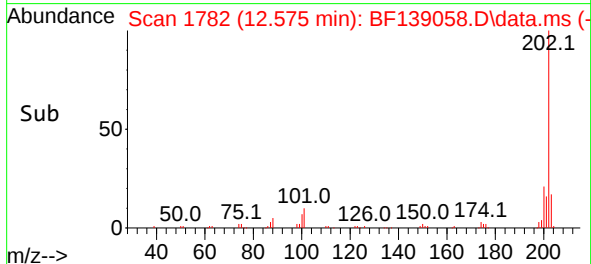
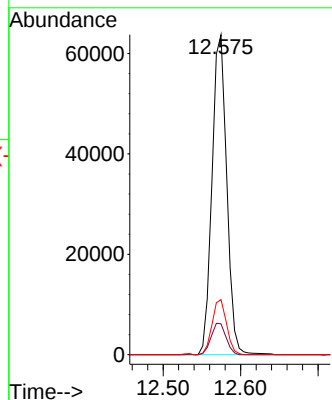
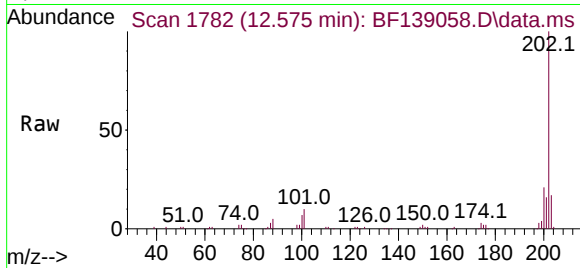




#75
Fluoranthene
Concen: 8.140 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

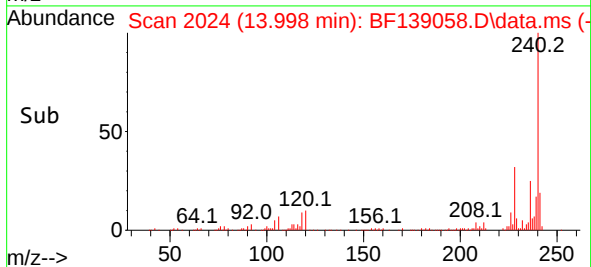
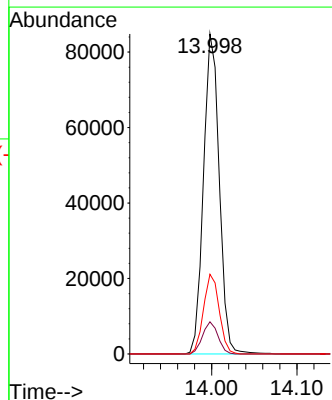
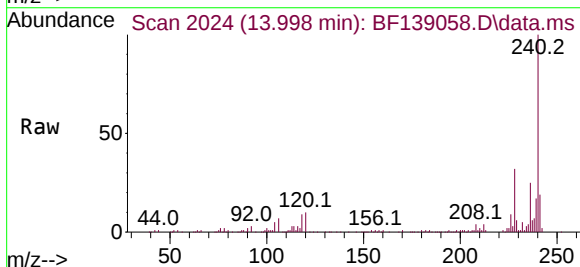
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:202 Resp: 84178
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.2
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:240 Resp: 109001
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 24.9 19.8 29.8

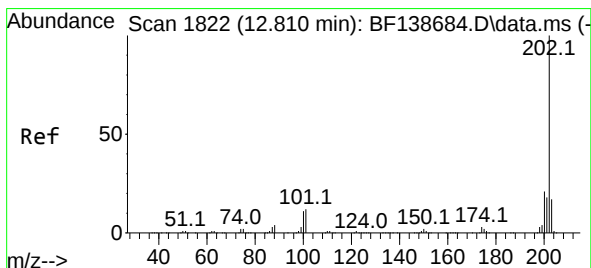
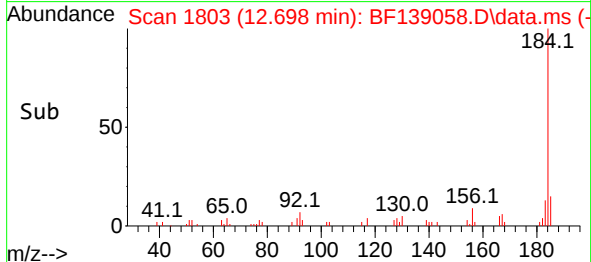
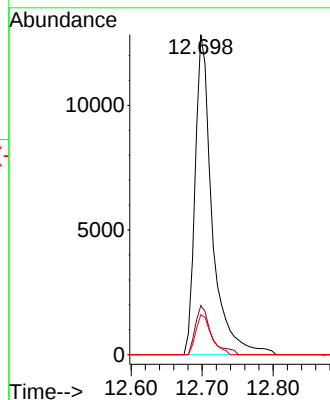
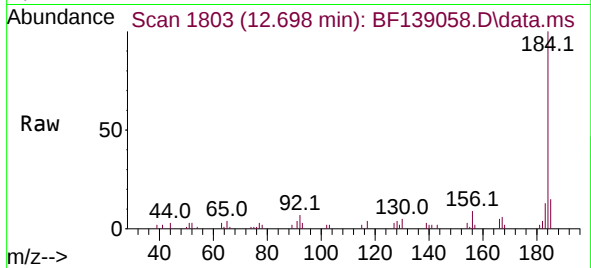




#77
Benzidine
Concen: 8.239 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

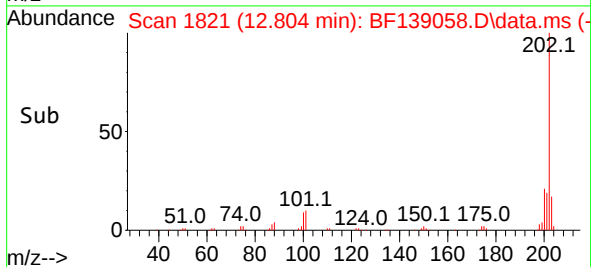
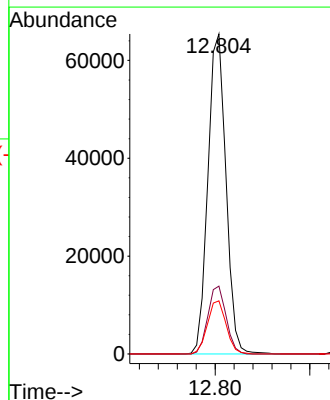
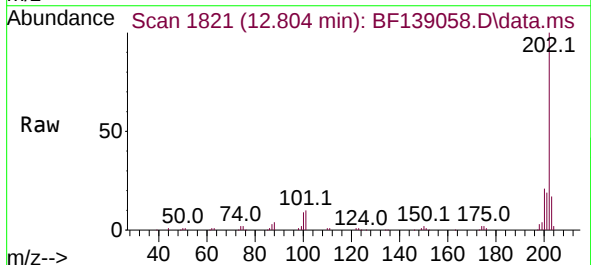
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:184 Resp: 21481
Ion Ratio Lower Upper
184 100
185 15.3 11.1 16.7
183 12.5 9.6 14.4



#78
Pyrene
Concen: 8.403 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:202 Resp: 86235
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 16.6 13.8 20.6

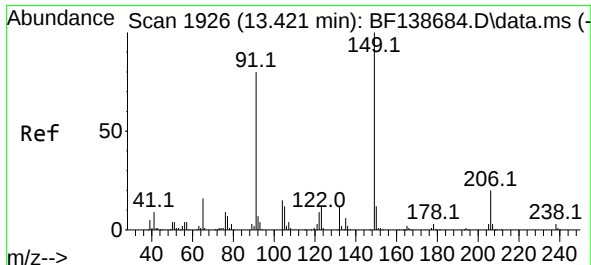
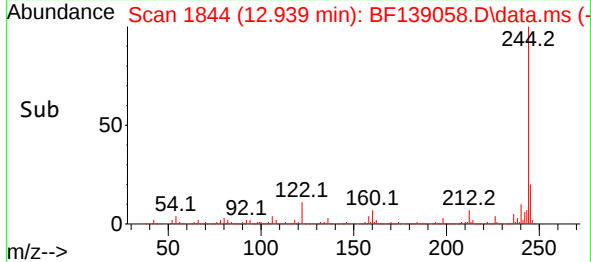
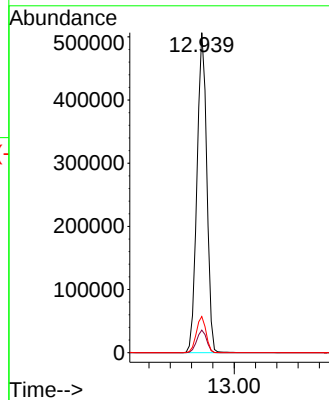
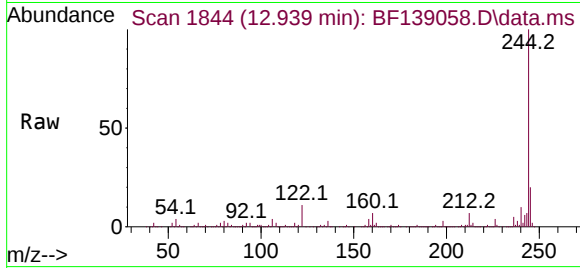




#79
 Terphenyl-d14
 Concen: 99.587 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF139058.D
 Acq: 16 Aug 2024 15:28

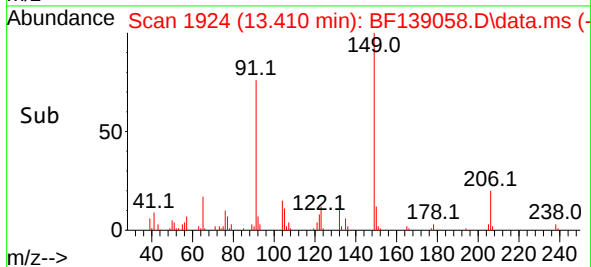
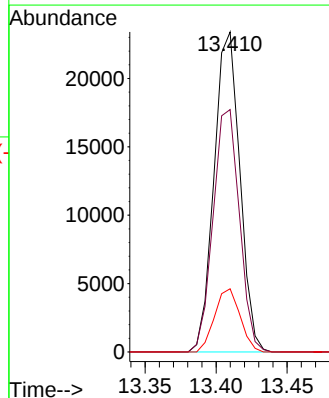
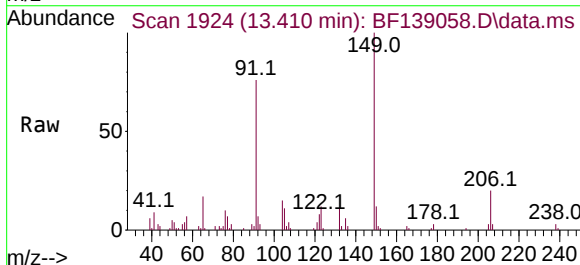
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Tgt Ion:244 Resp: 648345
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.3 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 8.977 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF139058.D
 Acq: 16 Aug 2024 15:28

Tgt Ion:149 Resp: 29502
 Ion Ratio Lower Upper
 149 100
 91 75.8 63.7 95.5
 206 19.8 16.2 24.2

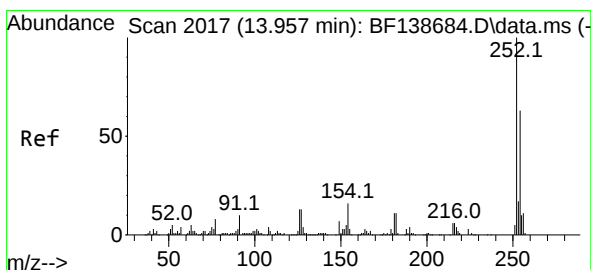
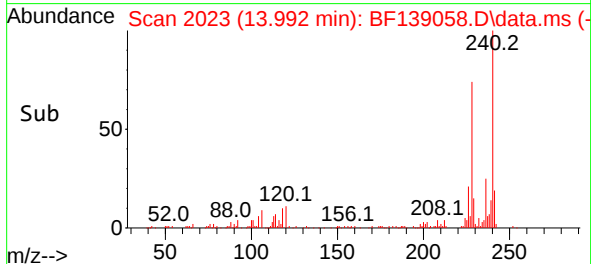
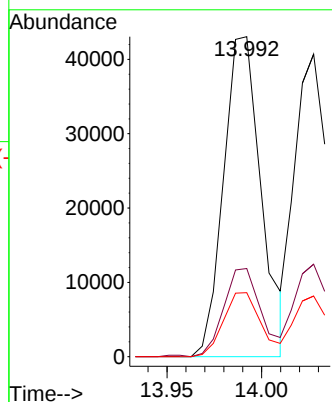
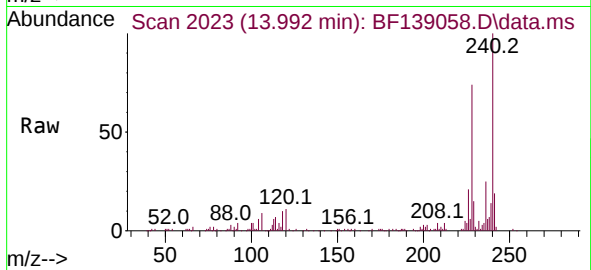




#81
Benzo(a)anthracene
Concen: 7.925 ng
RT: 13.992 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

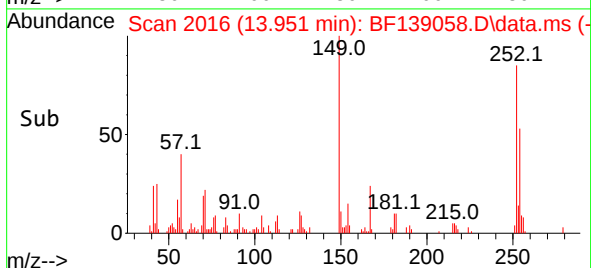
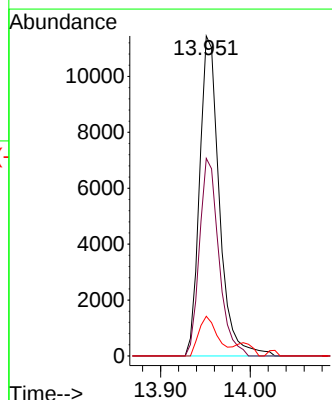
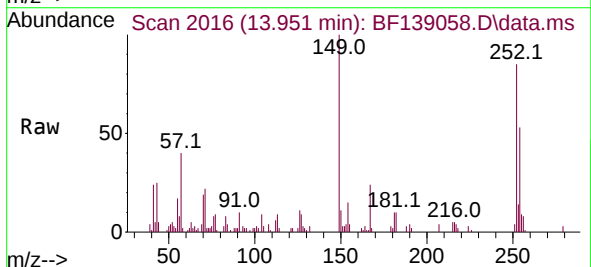
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

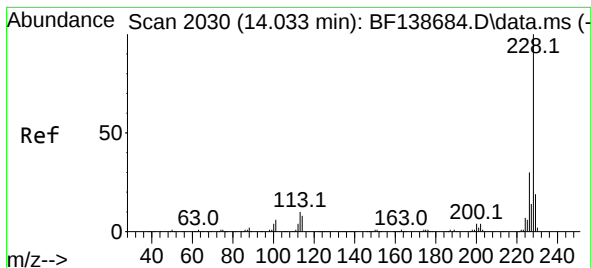
Tgt Ion:228 Resp: 59486
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.0 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 9.089 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:252 Resp: 17459
Ion Ratio Lower Upper
252 100
254 61.8 50.8 76.2
126 12.4 10.2 15.2





#83

Chrysene

Concen: 7.643 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

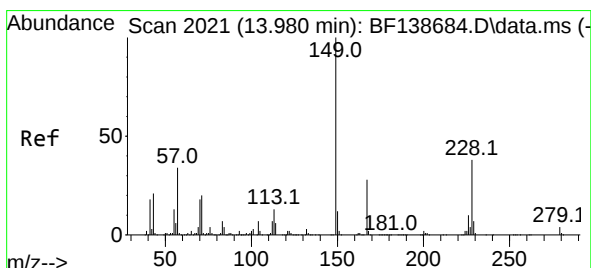
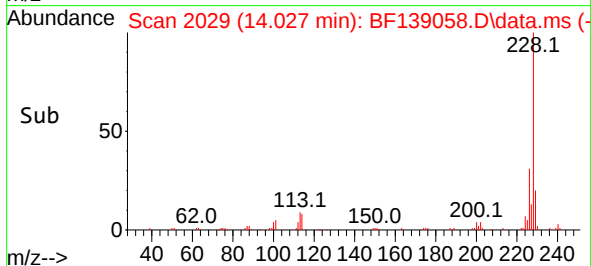
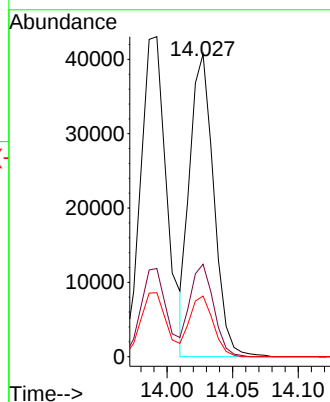
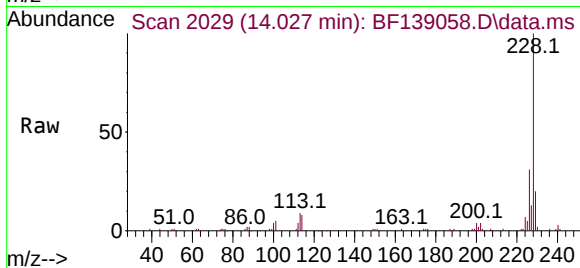
Tgt Ion:228 Resp: 51757

Ion Ratio Lower Upper

228 100

226 30.6 23.7 35.5

229 20.0 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.810 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

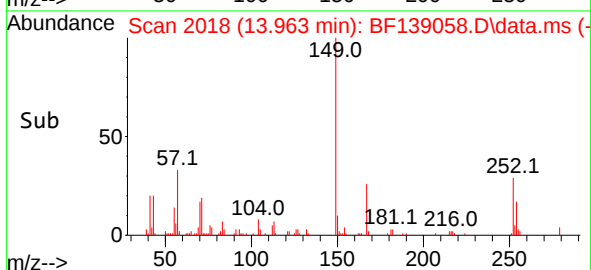
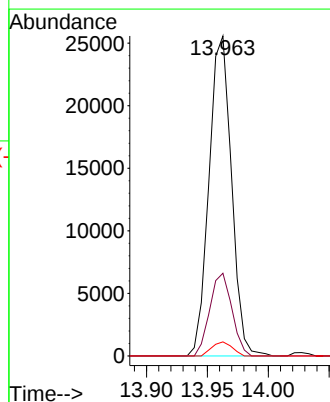
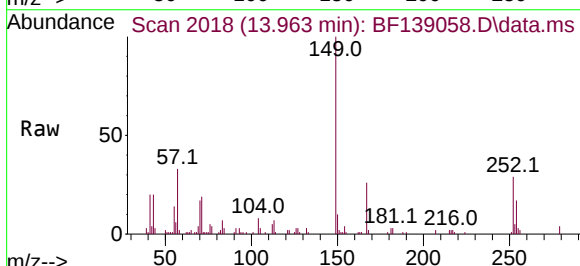
Tgt Ion:149 Resp: 32771

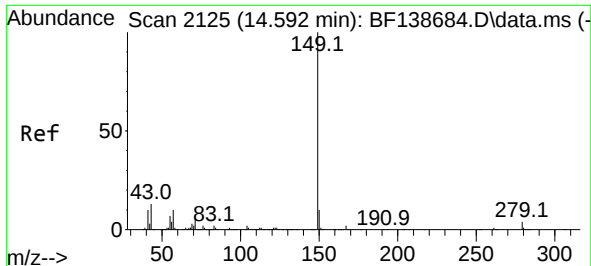
Ion Ratio Lower Upper

149 100

167 25.8 22.2 33.4

279 4.4 3.4 5.0

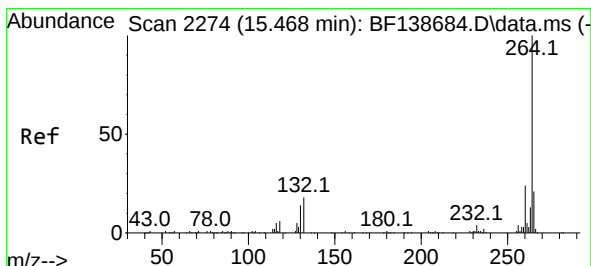
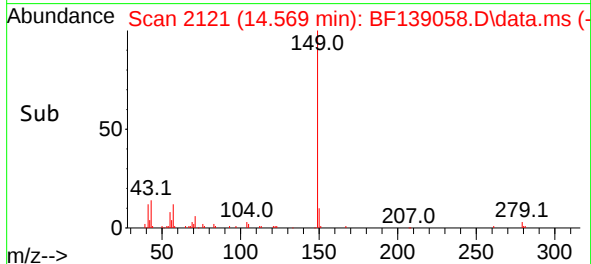
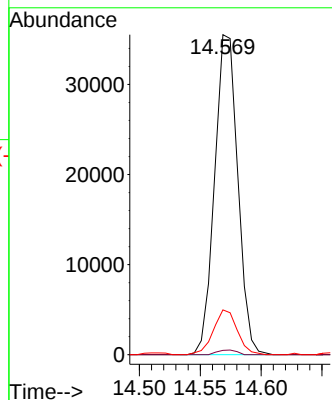
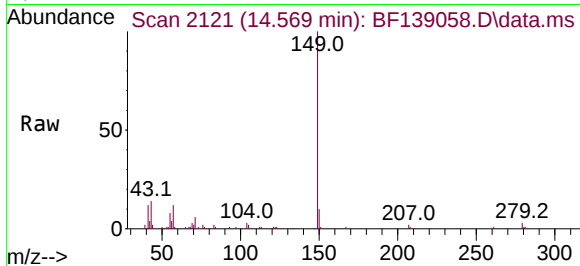




#85
Di-n-octyl phthalate
Concen: 5.281 ng
RT: 14.569 min Scan# 2125
Delta R.T. -0.023 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

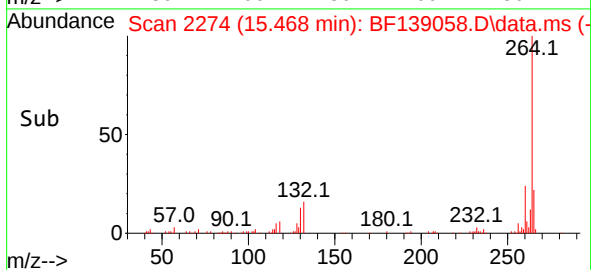
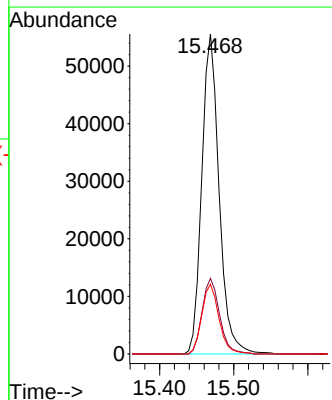
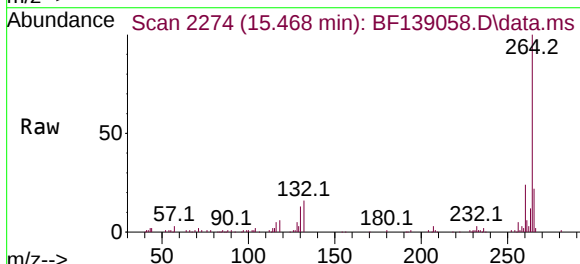
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion:149 Resp: 47019
Ion Ratio Lower Upper
149 100
167 1.2 1.4 2.0#
43 14.5 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:264 Resp: 90235
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.024 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

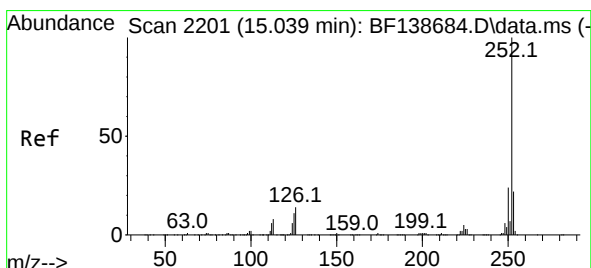
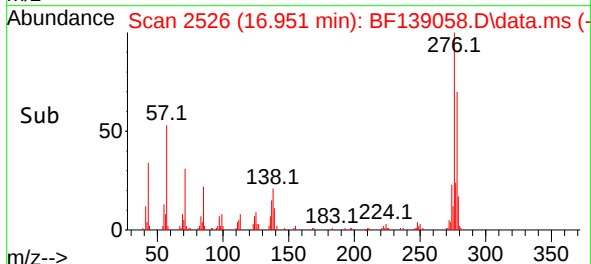
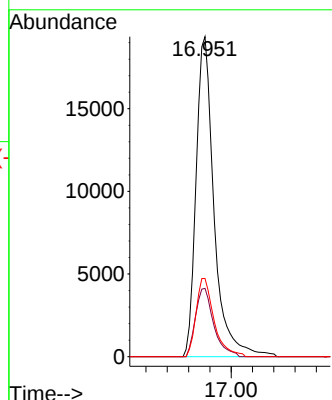
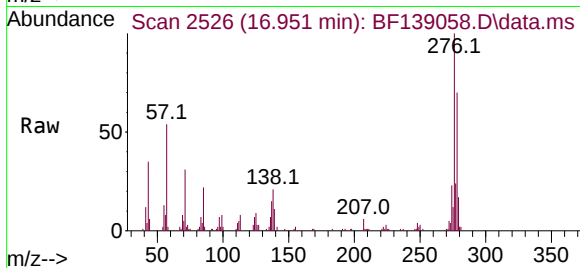
Tgt Ion:276 Resp: 45421

Ion Ratio Lower Upper

276 100

138 21.6 21.8 32.8#

277 24.4 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 8.273 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

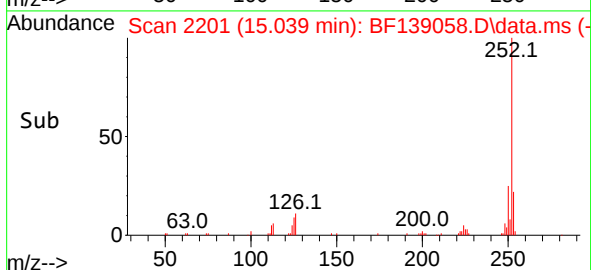
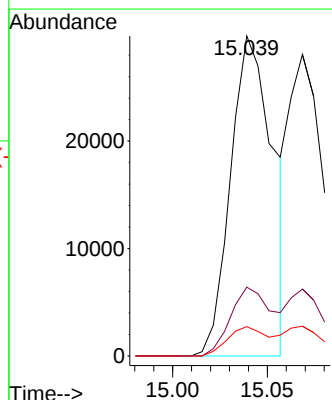
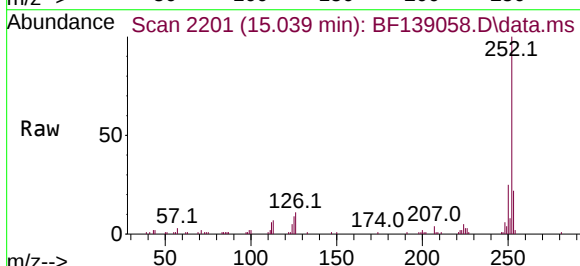
Tgt Ion:252 Resp: 46276

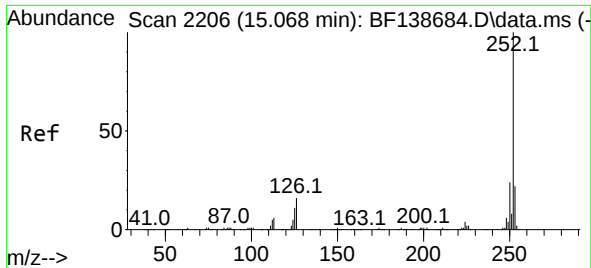
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

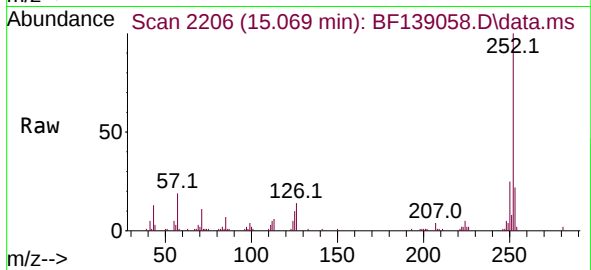
125 9.2 8.9 13.3



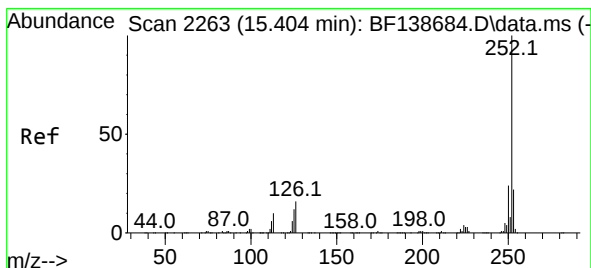
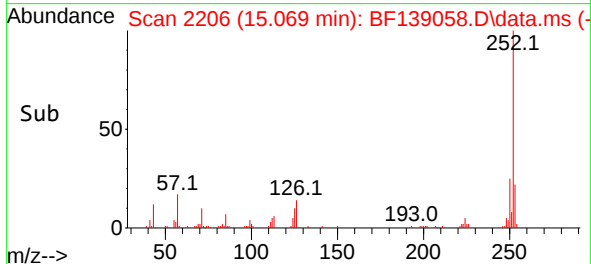
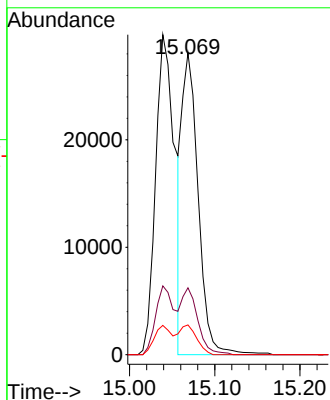


#89
Benzo(k)fluoranthene
Concen: 7.745 ng
RT: 15.069 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

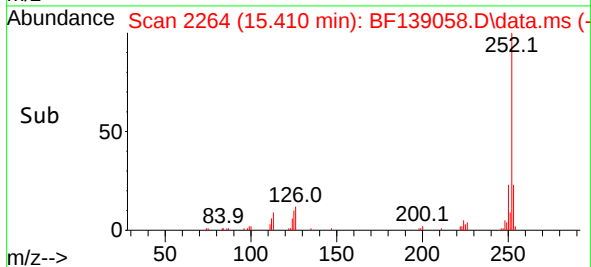
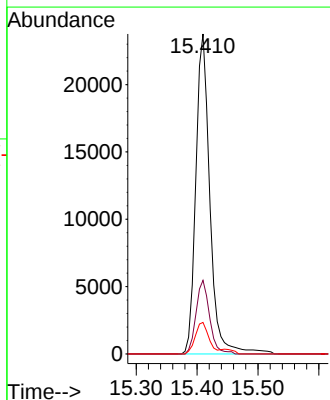
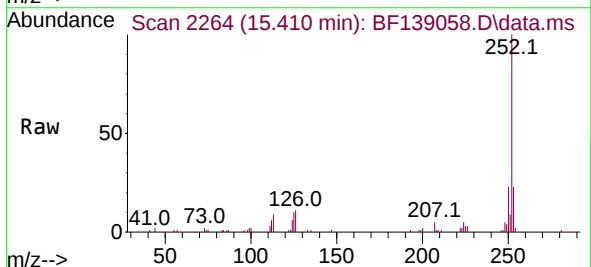


Tgt Ion:252 Resp: 37508
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.9 8.6 13.0



#90
Benzo(a)pyrene
Concen: 8.113 ng
RT: 15.410 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

Tgt Ion:252 Resp: 38174
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 9.8 9.5 14.3

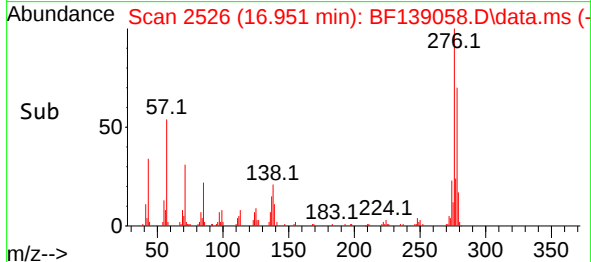
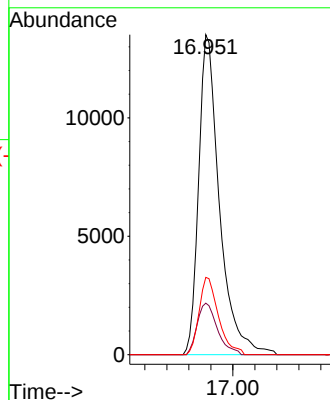
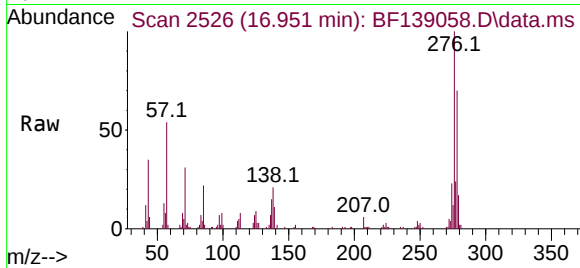




#91
 Dibenzo(a,h)anthracene
 Concen: 6.705 ng
 RT: 16.951 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139058.D
 Acq: 16 Aug 2024 15:28

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Tgt Ion:	278	Resp:	35594
Ion Ratio	Lower	Upper	
278	100		
139	16.1	14.0	21.0
279	24.1	19.0	28.4



#92
 Benzo(g,h,i)perylene
 Concen: 6.306 ng
 RT: 17.398 min Scan# 2602
 Delta R.T. 0.018 min
 Lab File: BF139058.D
 Acq: 16 Aug 2024 15:28

Tgt Ion:	276	Resp:	34736
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.0	28.4
138	19.7	18.5	27.7

