

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	21230	6.202	ng	92
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	2988	1.713	ng	95
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

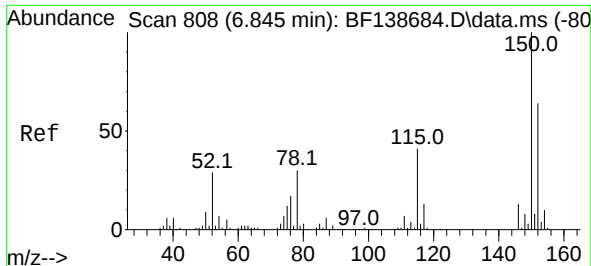
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 Response via : Initial Calibration

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	2142	2.641	ng	88
55) Dibenzofuran	10.075	168	78683	8.222	ng	96
56) 4-Nitrophenol	10.075	139	38714	35.350	ng	# 7
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	11532	6.673	ng	# 96
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	12734	7.358	ng	83
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

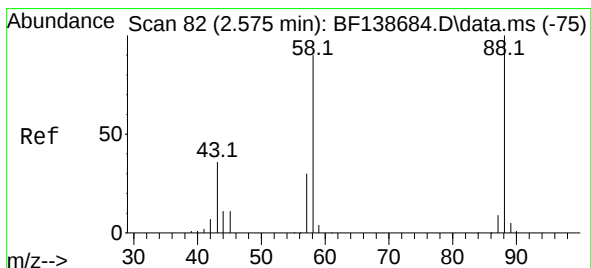
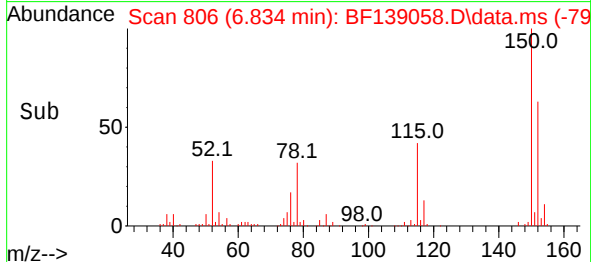
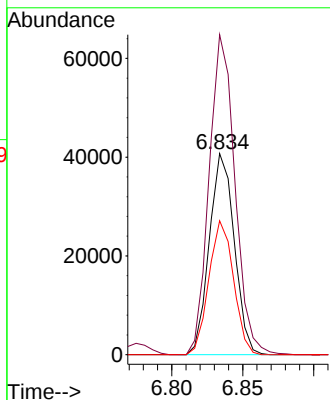
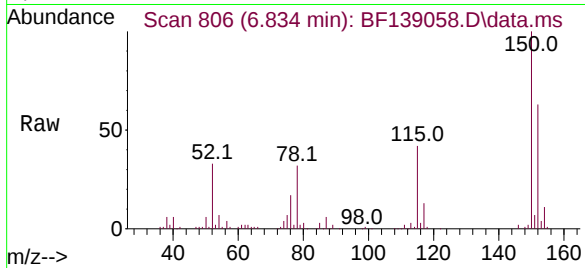
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

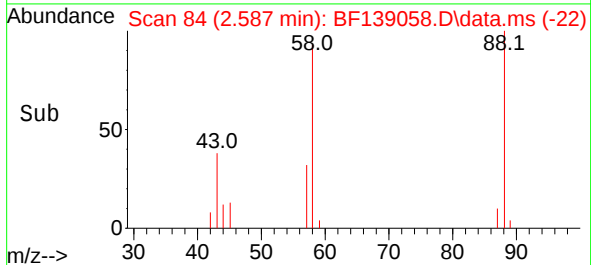
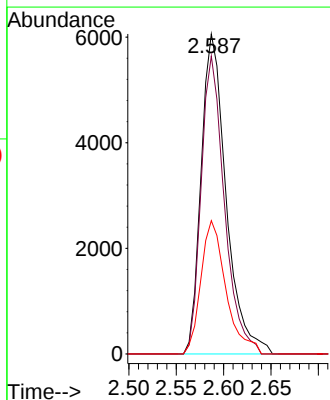
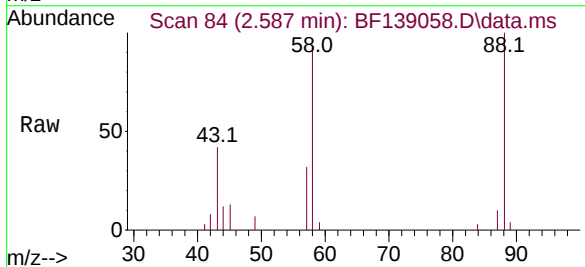
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

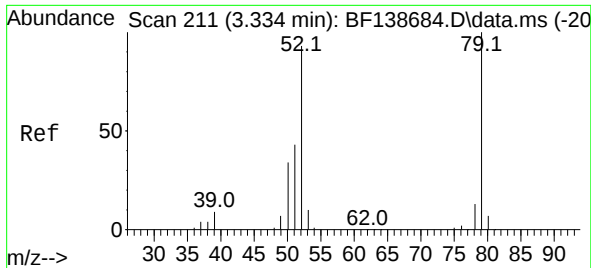
Tgt Ion:152 Resp: 49824
Ion Ratio Lower Upper
152 100
150 159.1 126.0 189.0
115 66.6 51.7 77.5



#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: 6.202 ng

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

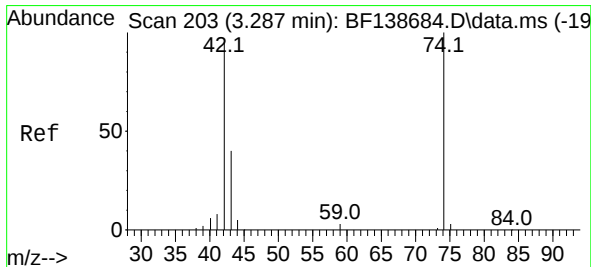
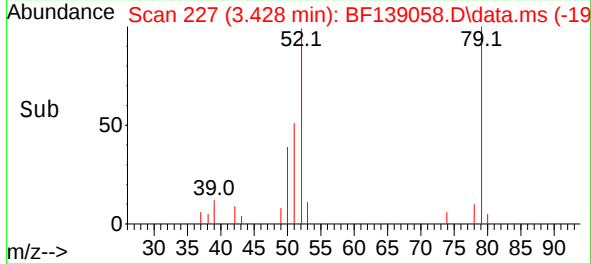
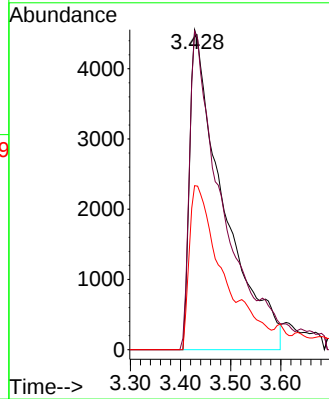
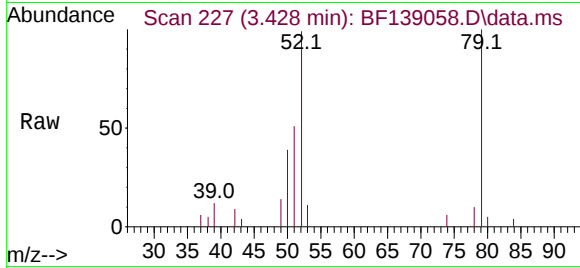
Tgt Ion: 79 Resp: 21230

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

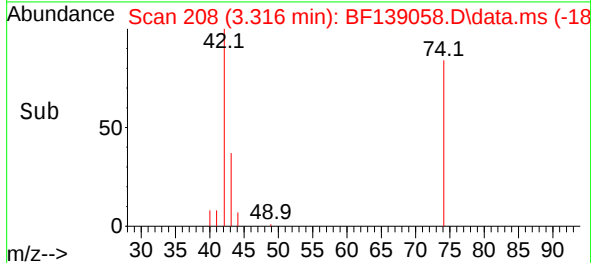
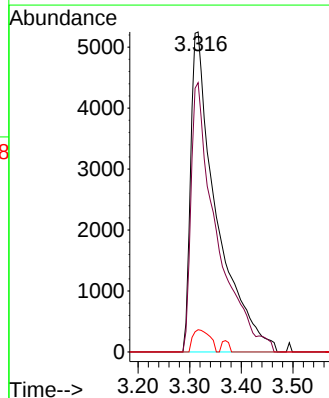
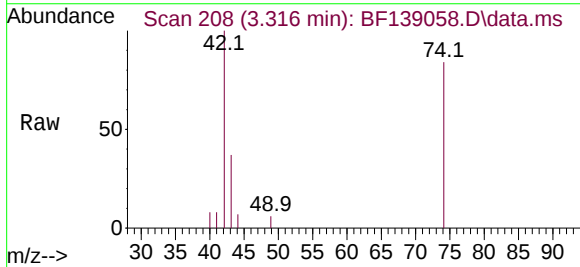
Tgt Ion: 42 Resp: 18085

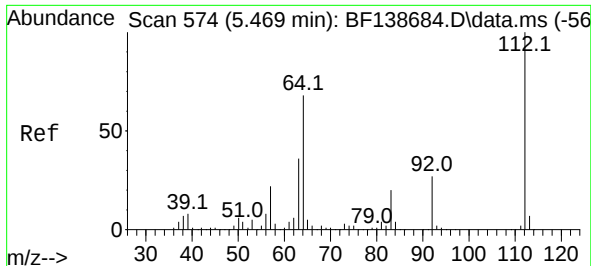
Ion Ratio Lower Upper

42 100

74 84.2 84.2 126.4#

44 7.0 4.9 7.3

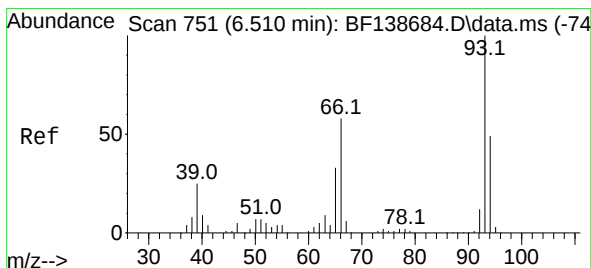
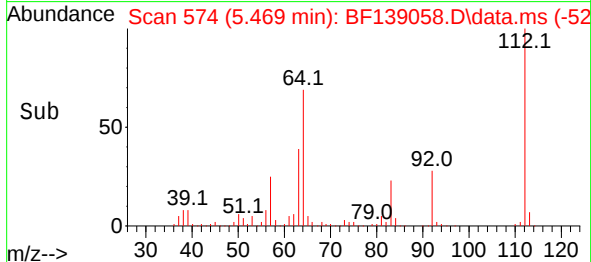
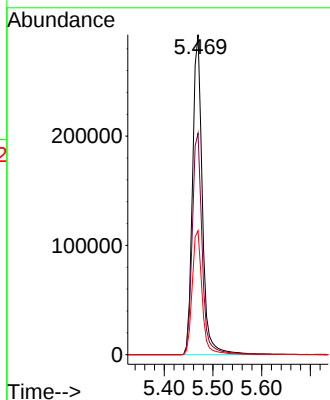
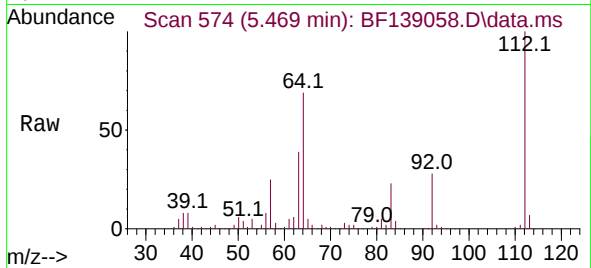




#5
2-Fluorophenol
Concen: 128.181 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

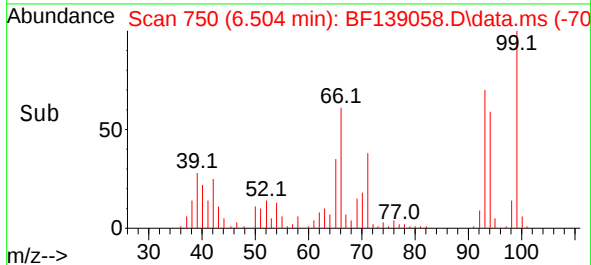
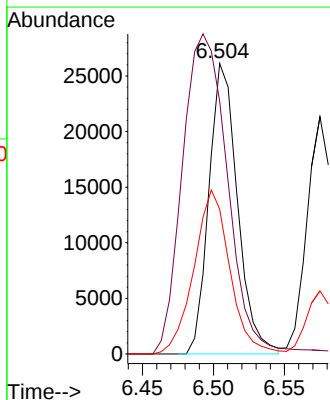
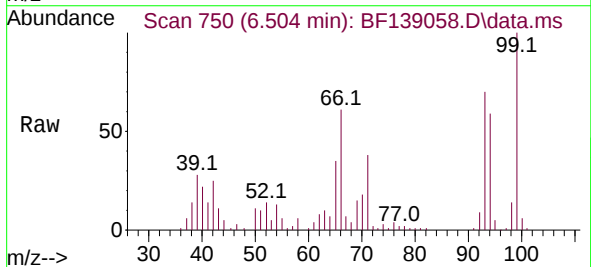
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

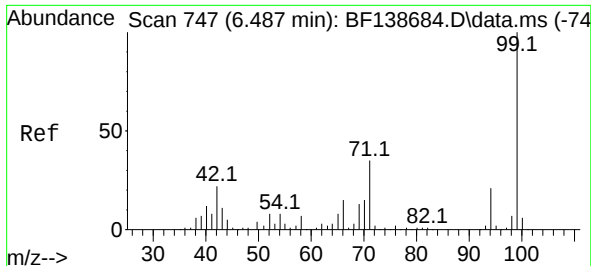
Tgt Ion:112 Resp: 413725
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 38.8 28.7 43.1



#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# 747

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

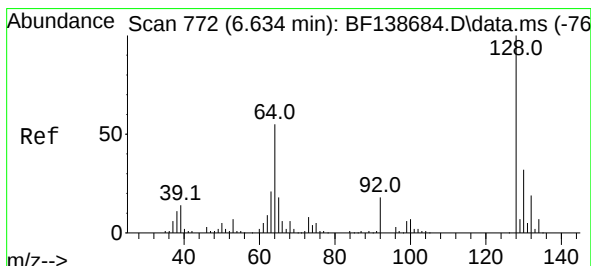
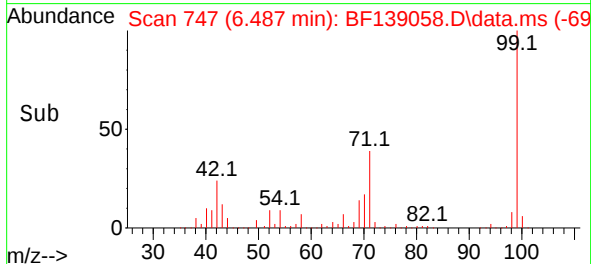
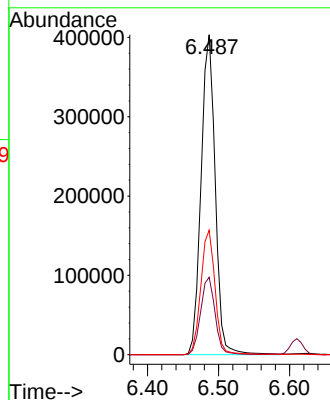
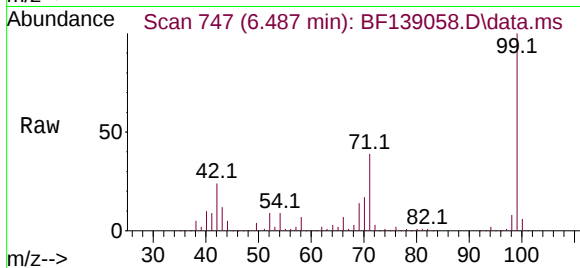
Tgt Ion: 99 Resp: 560850

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

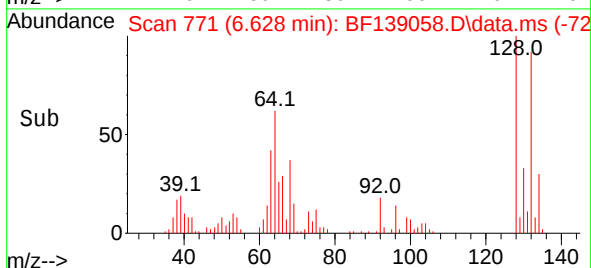
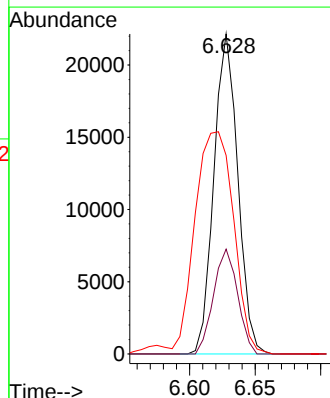
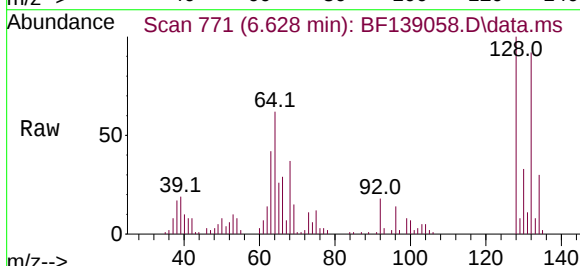
Tgt Ion: 128 Resp: 28042

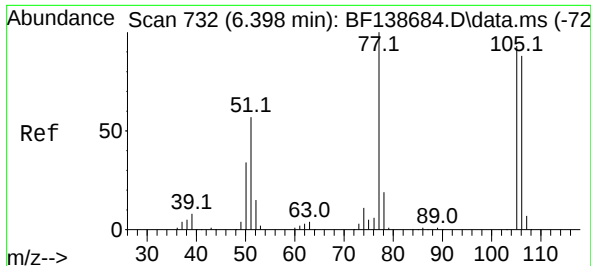
Ion Ratio Lower Upper

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# 749

Delta R.T. 0.000 min

Lab File: BF139058.D

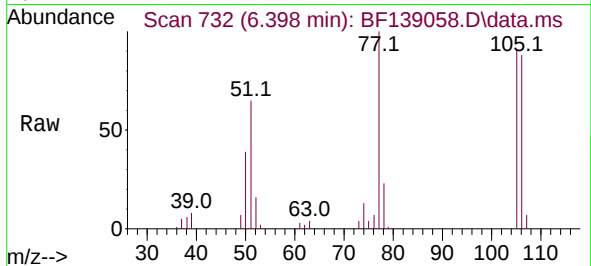
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Instrument :

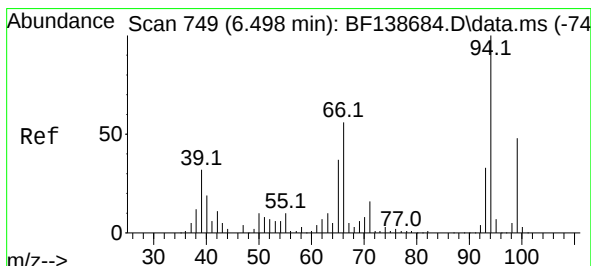
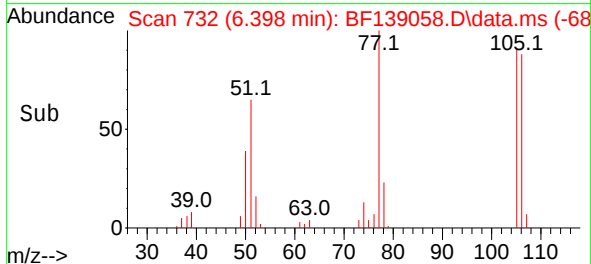
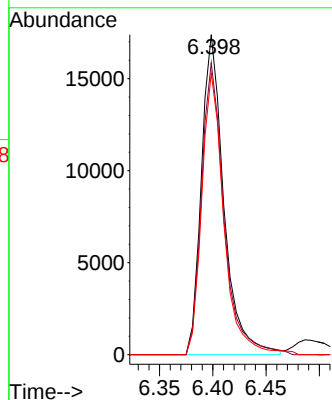
BNA_F

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

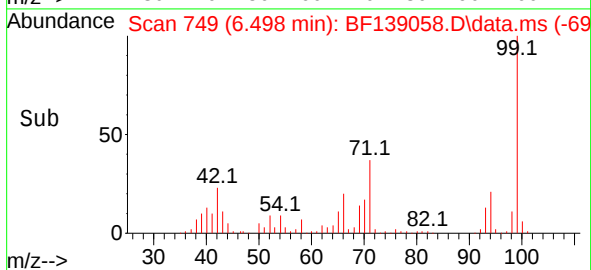
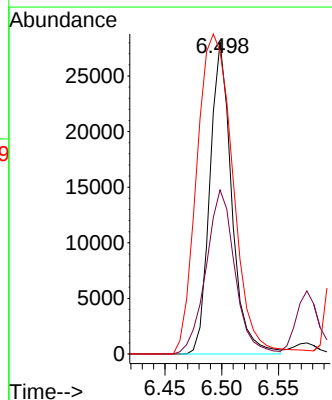
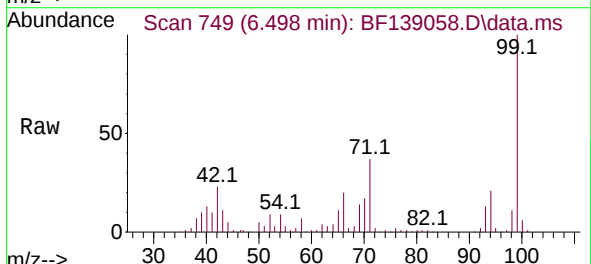
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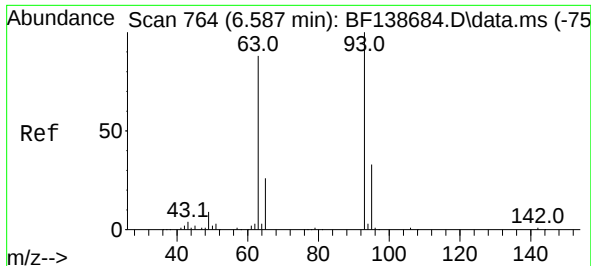
Delta R.T. 0.000 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

Tgt Ion:	94	Resp:	37511
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# 7

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

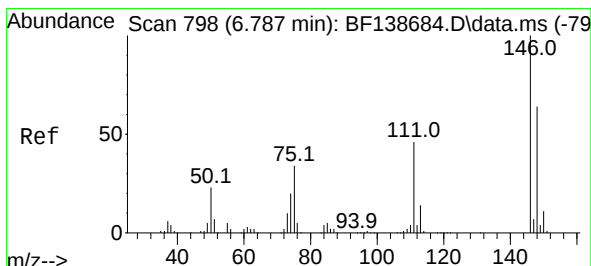
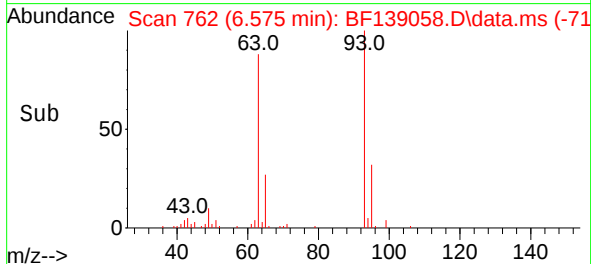
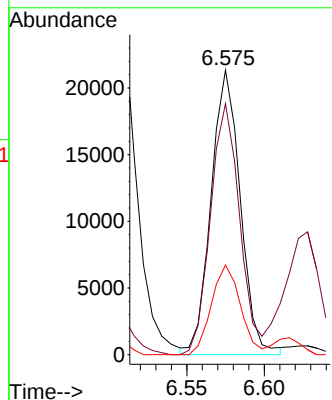
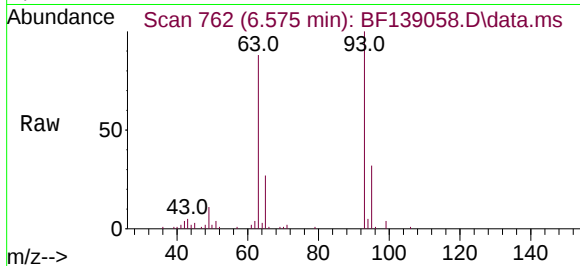
Tgt Ion: 93 Resp: 28027

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

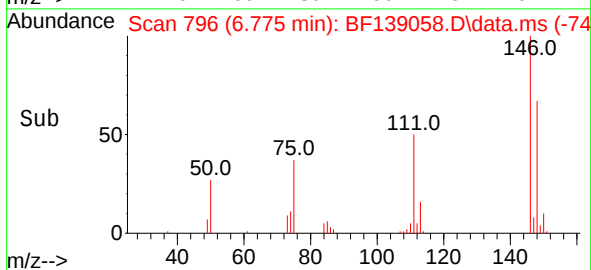
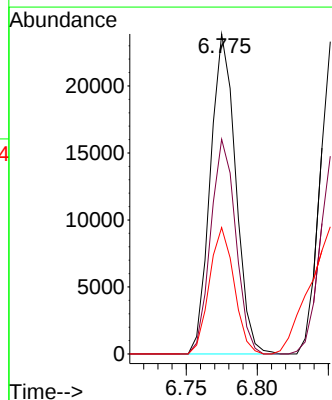
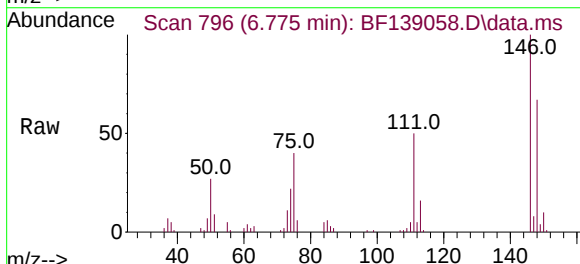
Tgt Ion:146 Resp: 29537

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# 809

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

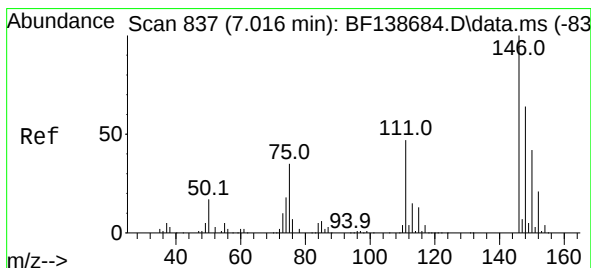
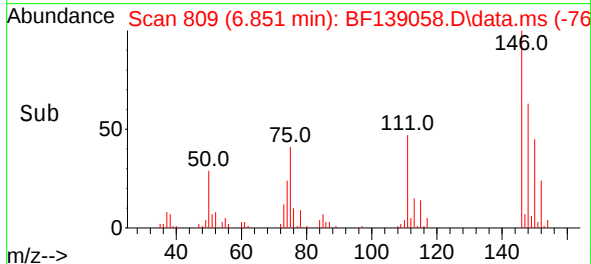
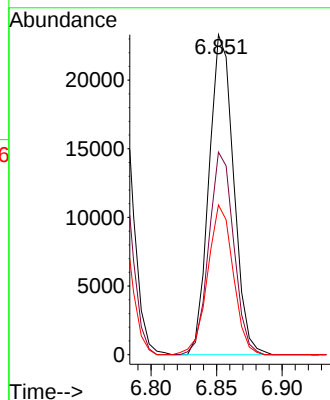
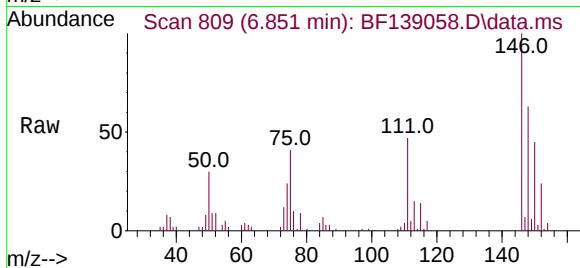
Tgt Ion:146 Resp: 30475

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

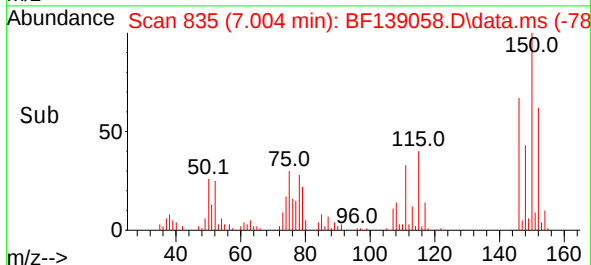
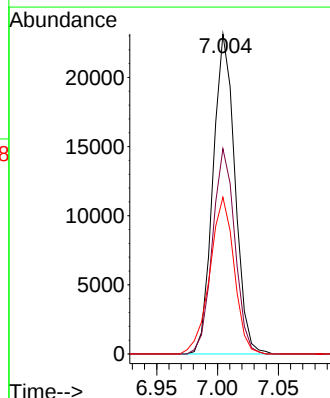
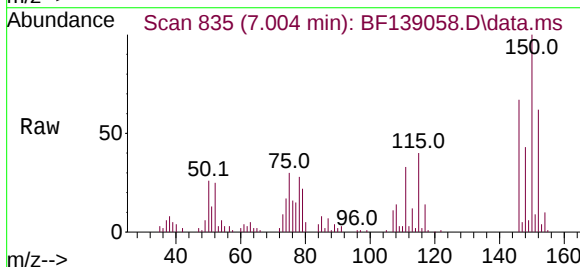
Tgt Ion:146 Resp: 28969

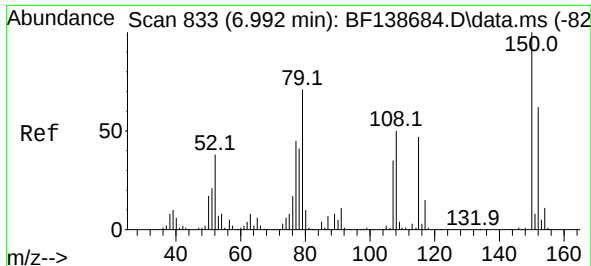
Ion Ratio Lower Upper

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# 841

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

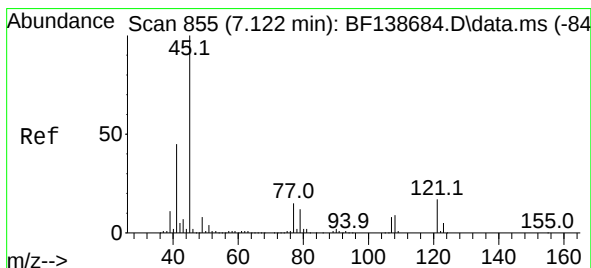
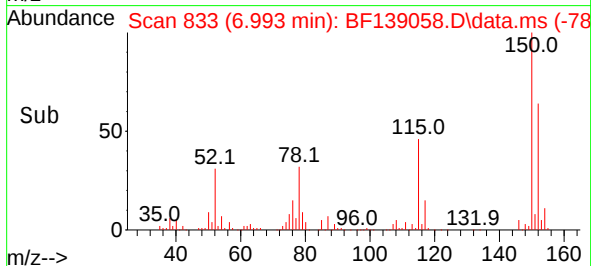
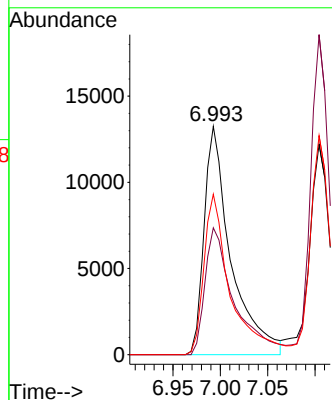
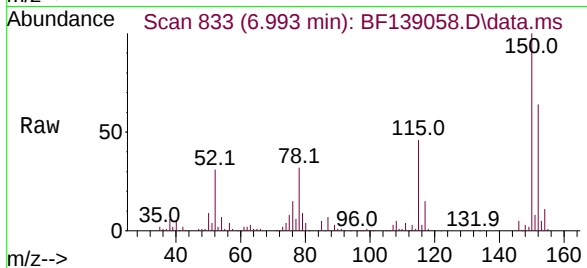
Tgt Ion: 79 Resp: 25998

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

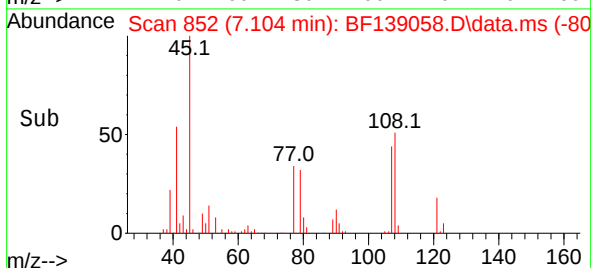
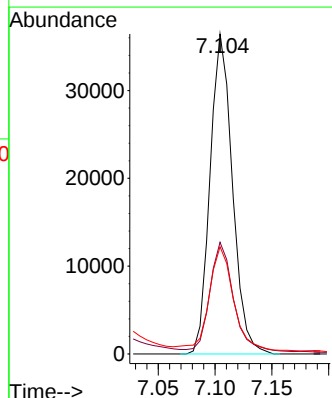
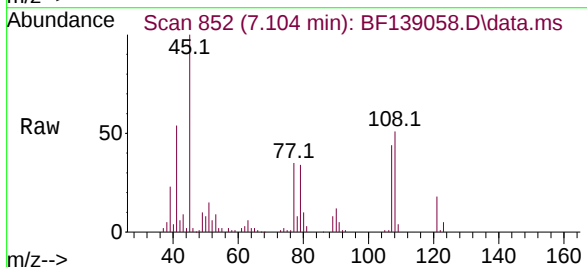
Tgt Ion: 45 Resp: 49869

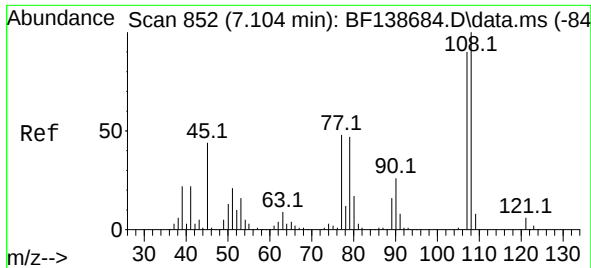
Ion Ratio Lower Upper

45 100

77 34.9 0.0 34.9

79 33.5 0.0 32.2#

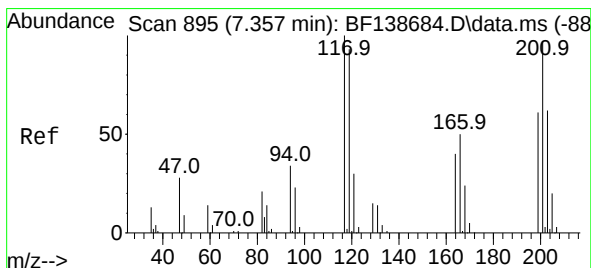
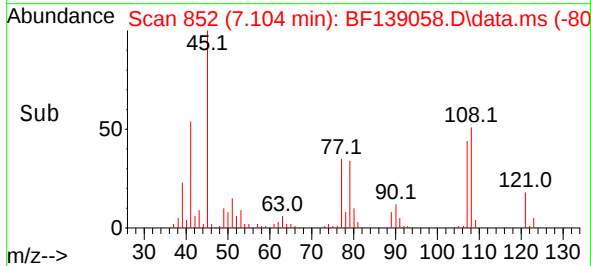
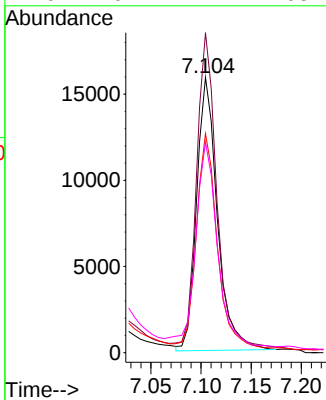
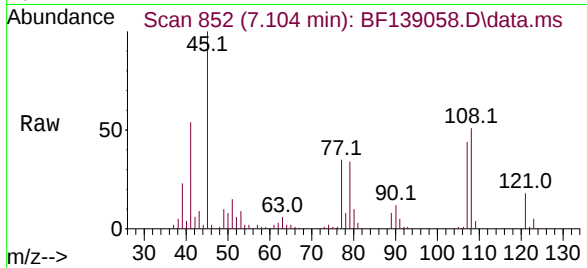




#17
2-Methylphenol
Concen: 8.156 ng
RT: 7.104 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

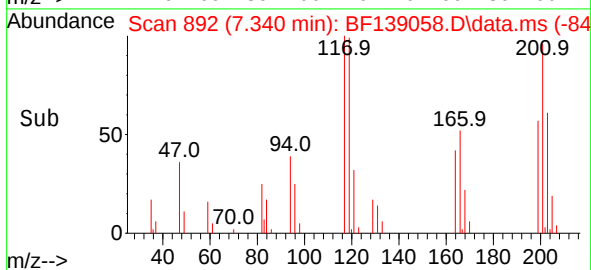
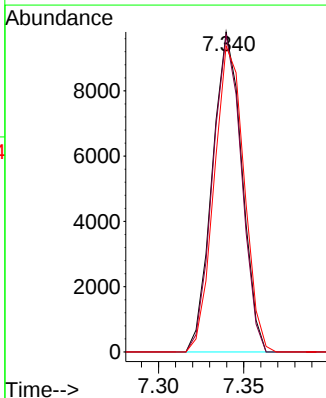
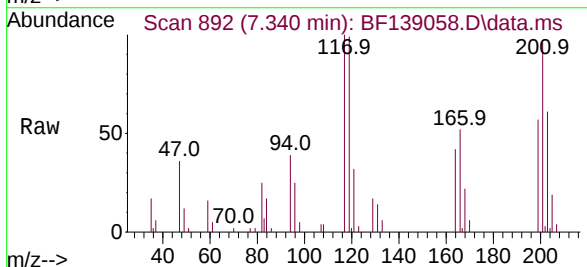
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

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

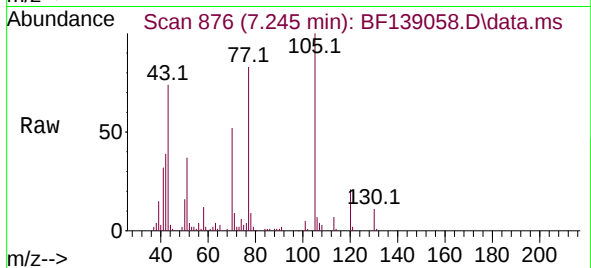
Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 70 Resp: 23017

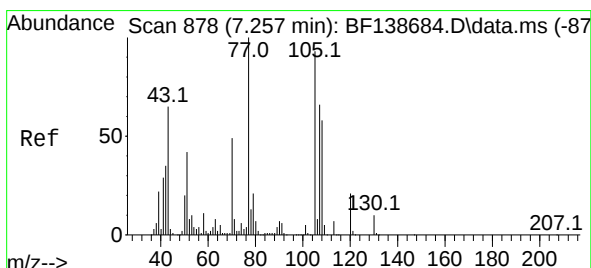
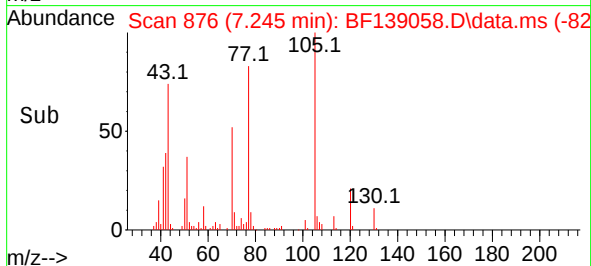
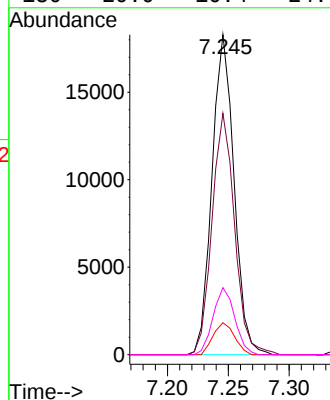
Ion Ratio Lower Upper

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

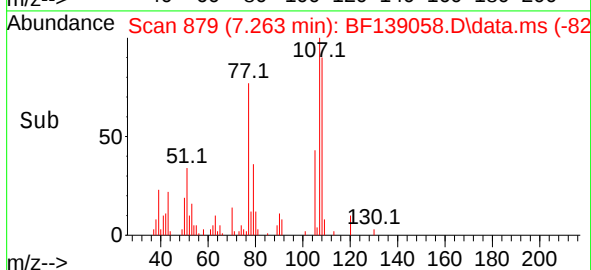
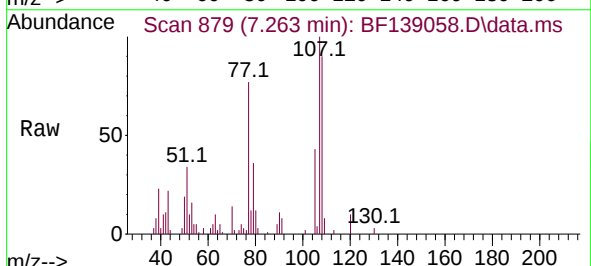
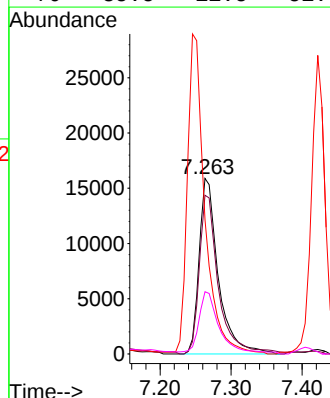
Ion Ratio Lower Upper

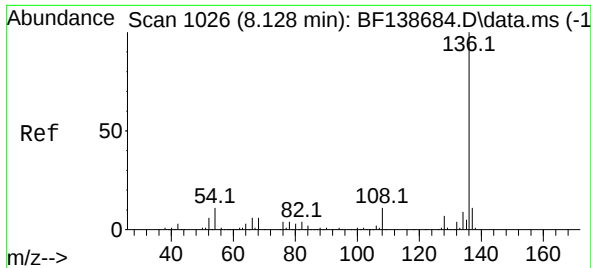
107 100

108 90.5 68.2 108.2

77 76.5 132.1 172.1#

79 35.5 11.5 51.5

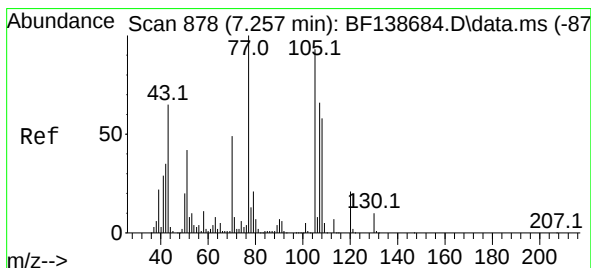
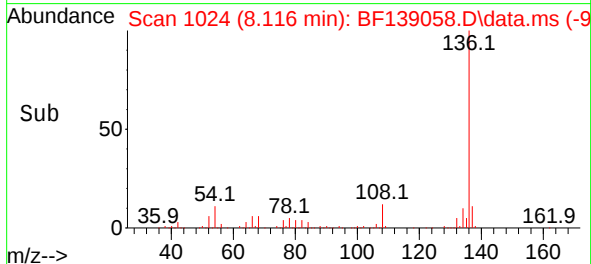
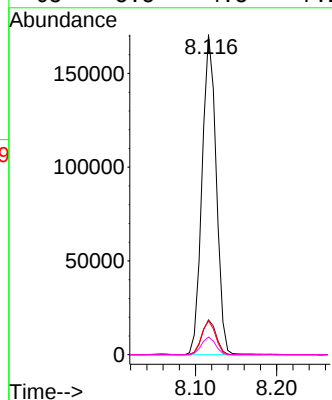
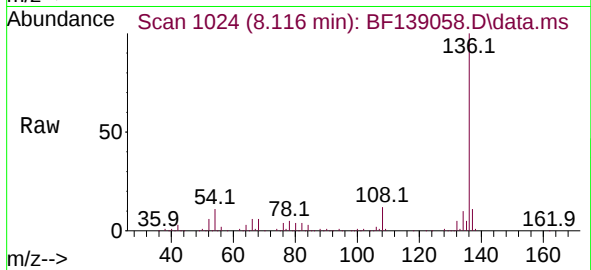




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

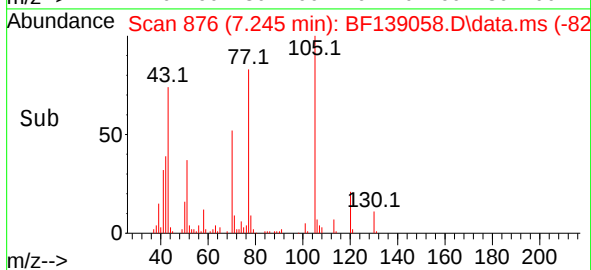
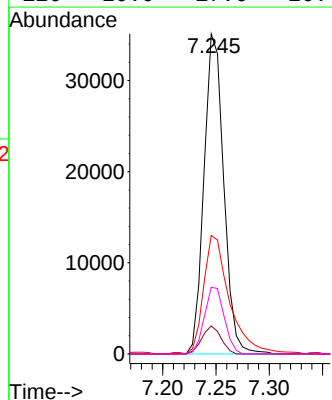
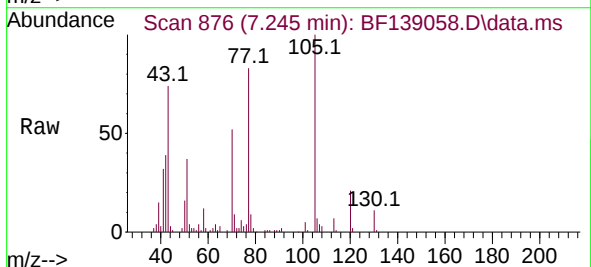
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

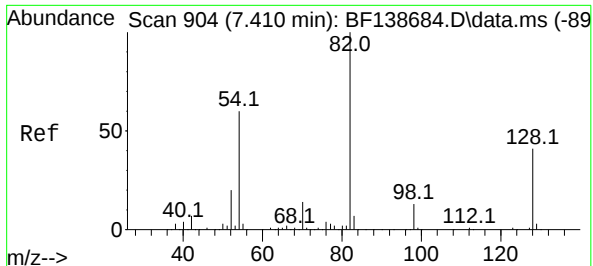
Tgt Ion:136 Resp: 207101
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.6 8.6 12.8
68 5.5 4.8 7.2



#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

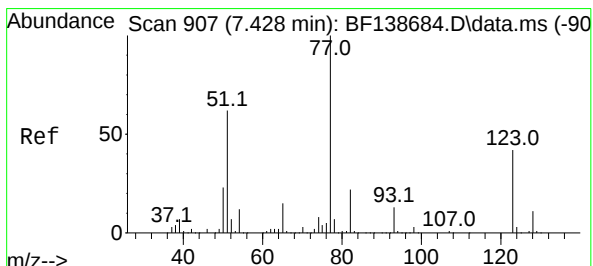
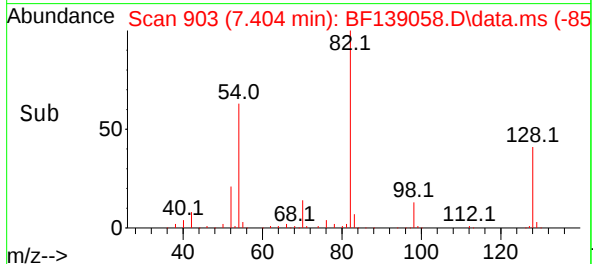
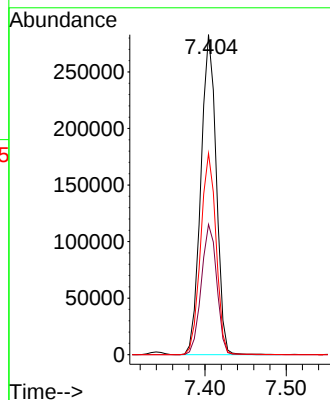
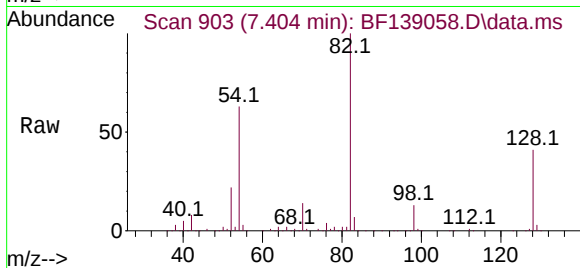
Tgt Ion: 82 Resp: 373078

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

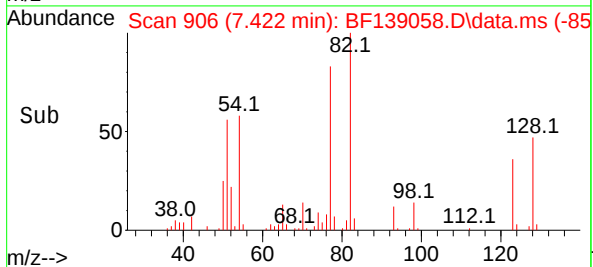
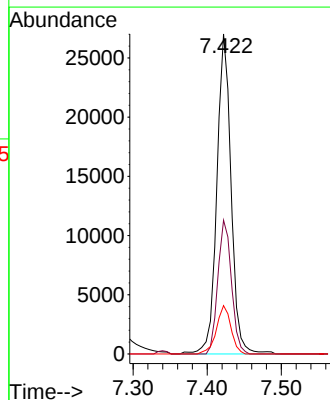
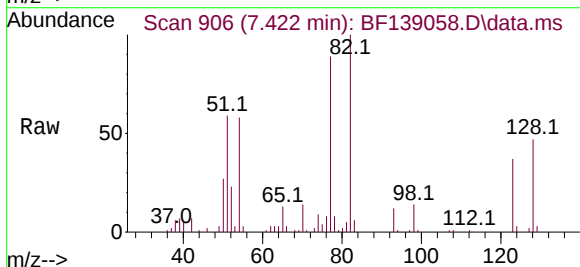
Tgt Ion: 77 Resp: 36068

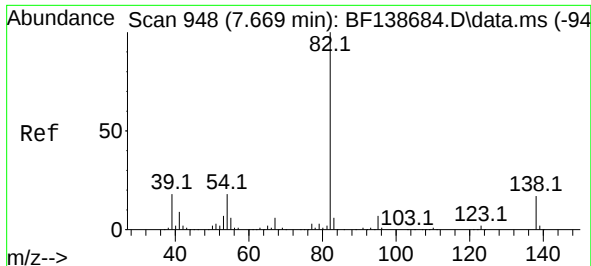
Ion Ratio Lower Upper

77 100

123 41.8 33.3 49.9

65 15.1 11.9 17.9

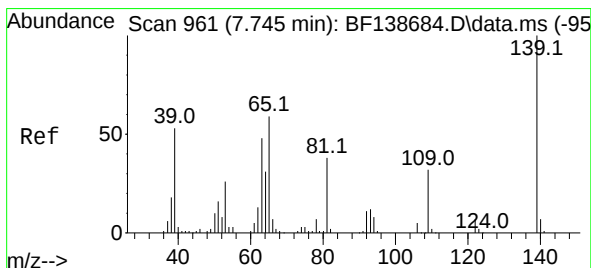
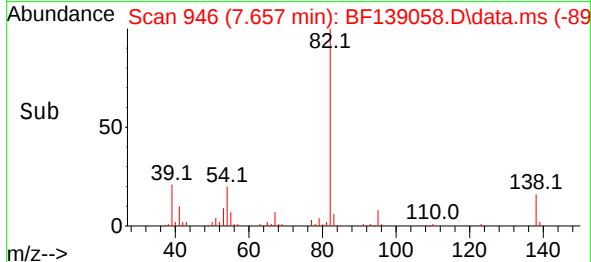
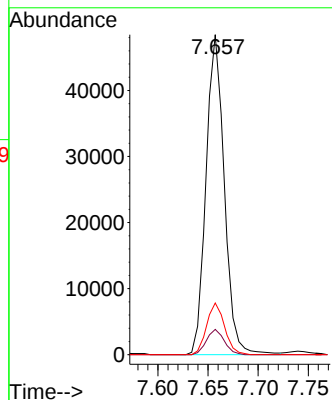
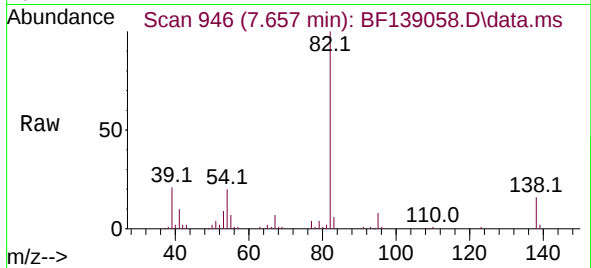




#25
Isophorone
Concen: 8.524 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

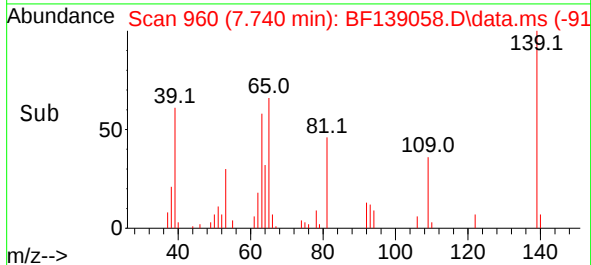
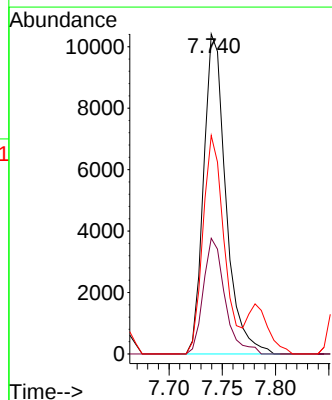
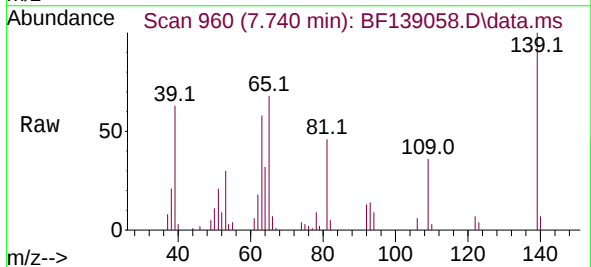
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

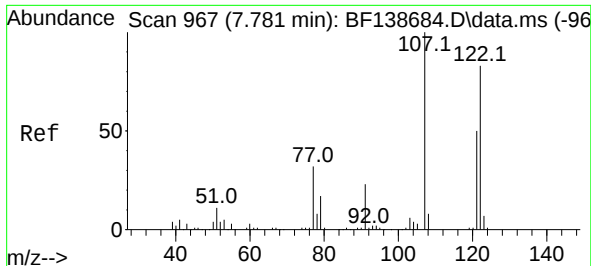
Tgt Ion: 82 Resp: 61657
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 16.2 13.7 20.5



#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

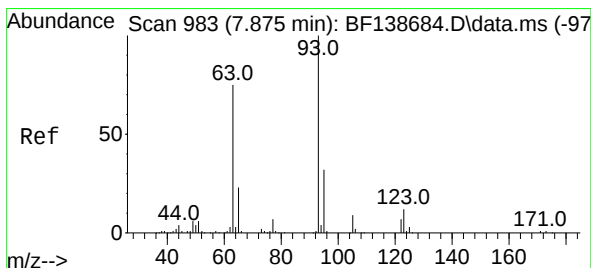
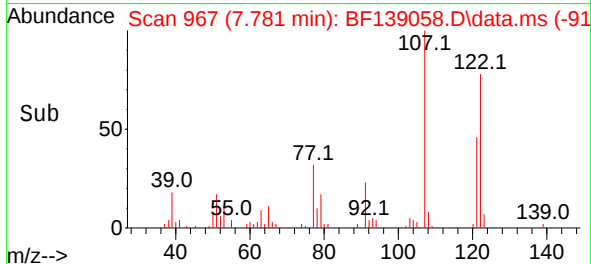
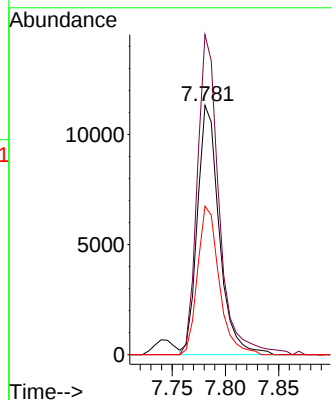
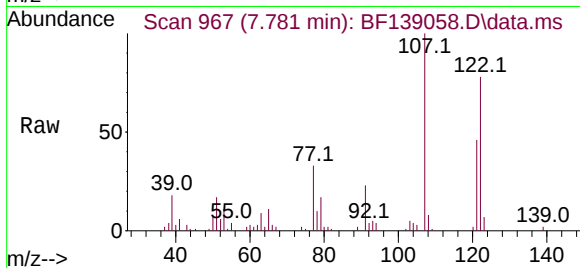




#27
2,4-Dimethylphenol
Concen: 7.292 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

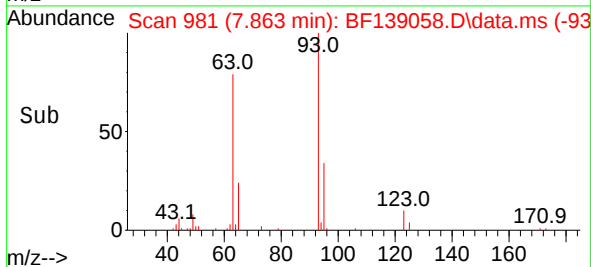
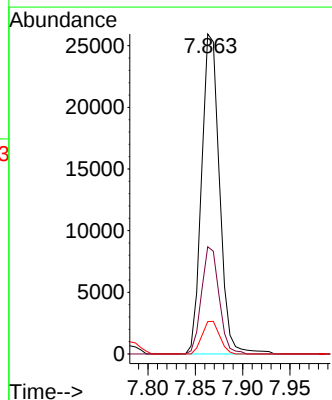
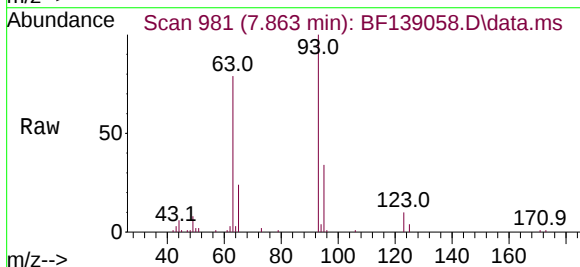
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

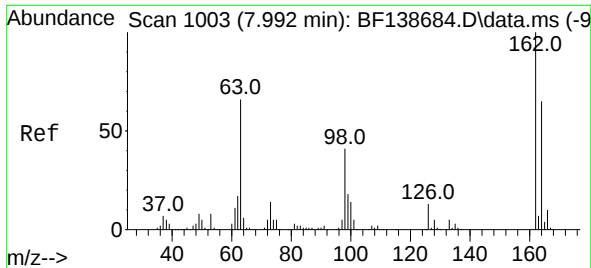
Tgt Ion:	122	Resp:	16180
Ion	Ratio	Lower	Upper
122	100		
107	128.4	95.0	142.6
121	59.5	47.3	70.9



#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

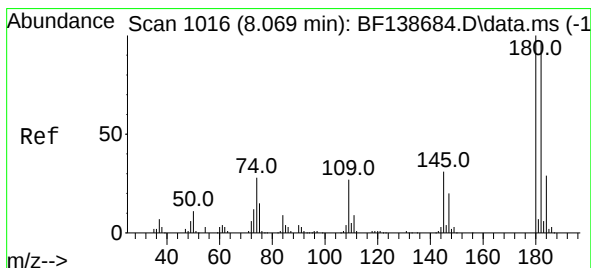
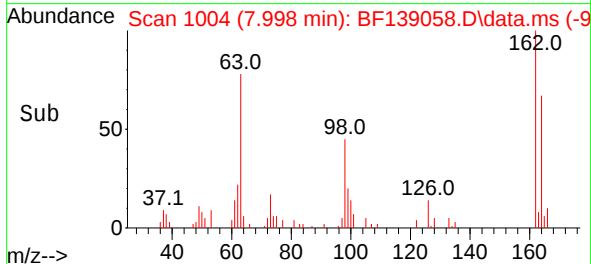
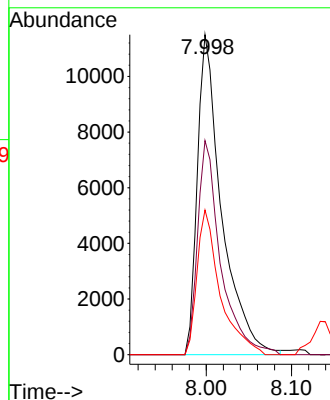
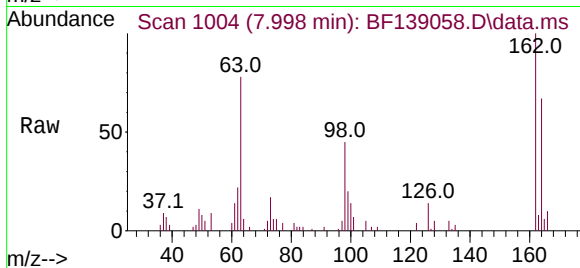




#29
2,4-Dichlorophenol
Concen: 7.978 ng
RT: 7.998 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

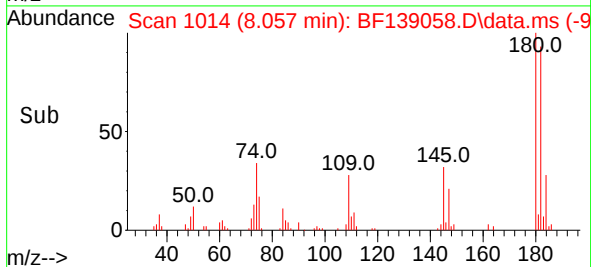
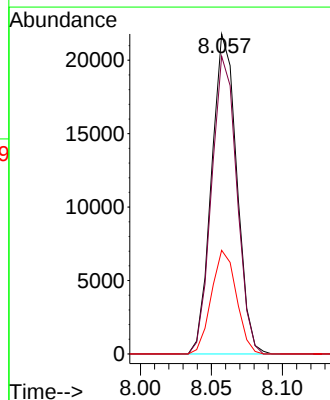
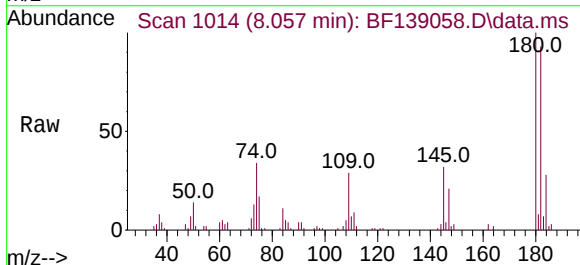
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

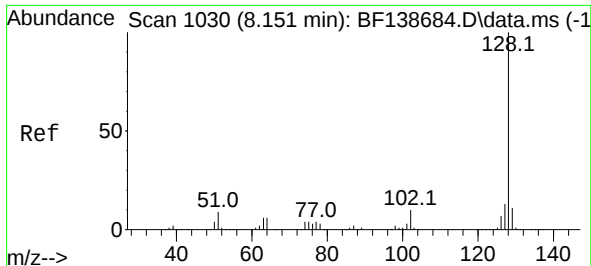
Tgt Ion:162 Resp: 22747
Ion Ratio Lower Upper
162 100
164 66.9 44.7 84.7
98 45.2 20.8 60.8



#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

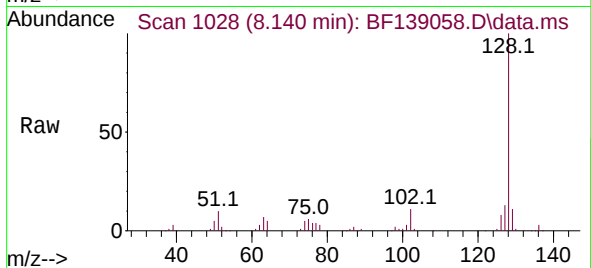
Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



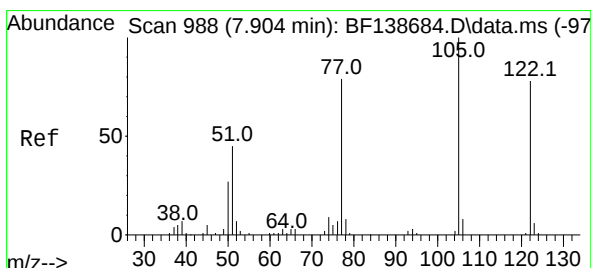
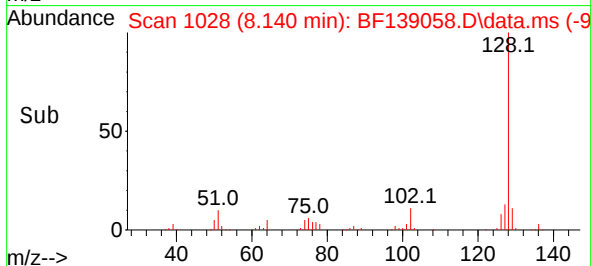
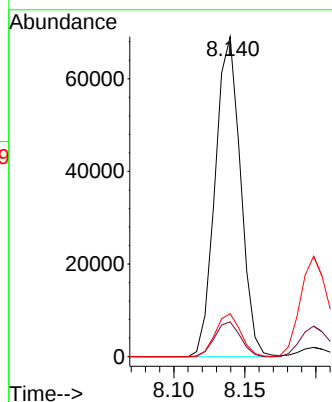
Tgt Ion:128 Resp: 85690

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.5 10.6 16.0



#32

Benzoic acid

Concen: 1.713 ng

RT: 7.928 min Scan# 992

Delta R.T. 0.024 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

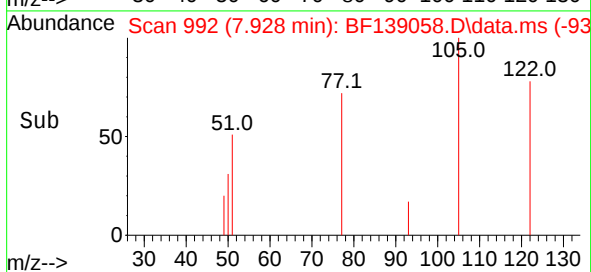
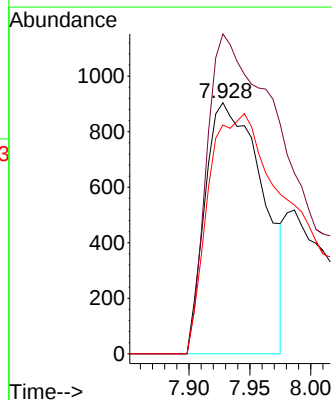
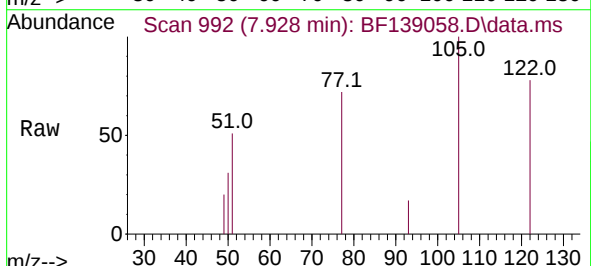
Tgt Ion:122 Resp: 2988

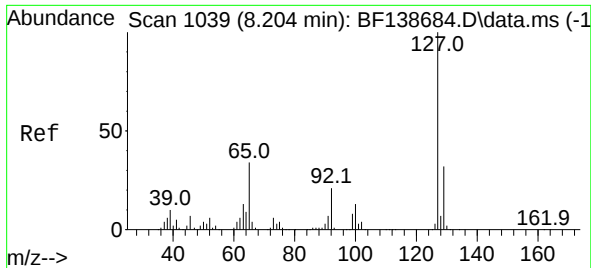
Ion Ratio Lower Upper

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# 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:127 Resp: 33084

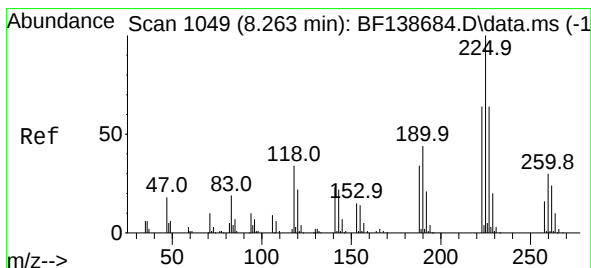
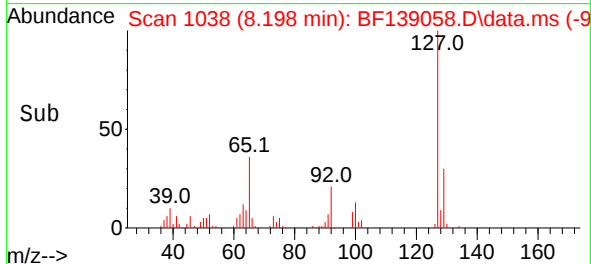
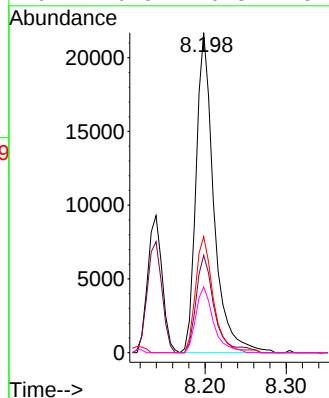
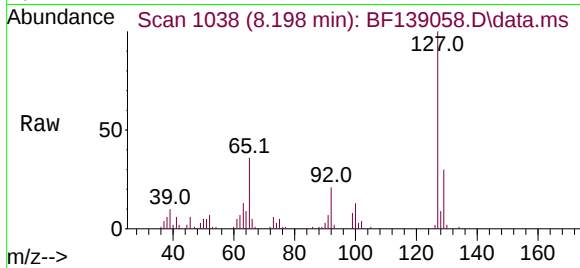
Ion Ratio Lower Upper

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

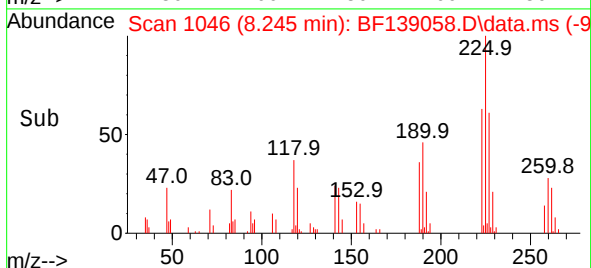
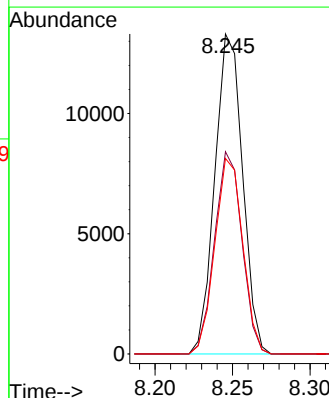
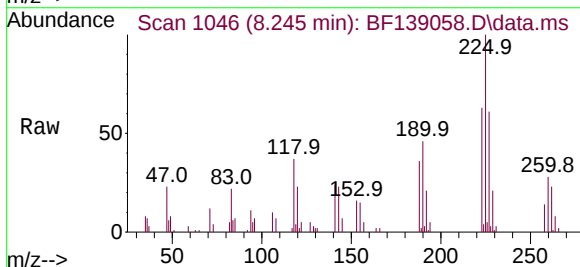
Tgt Ion:225 Resp: 16566

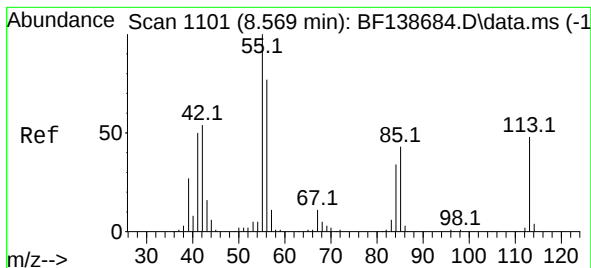
Ion Ratio Lower Upper

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

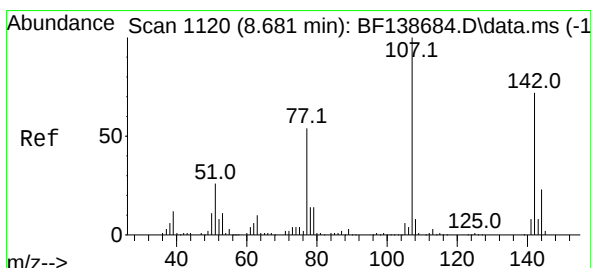
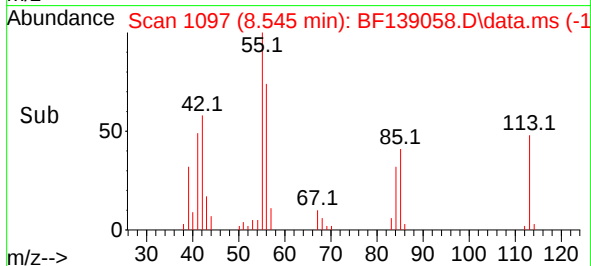
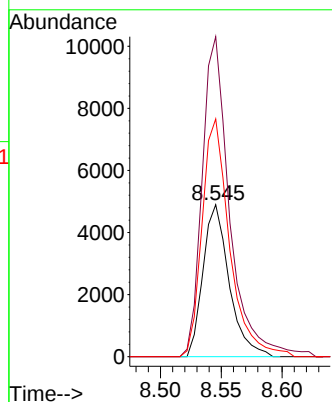
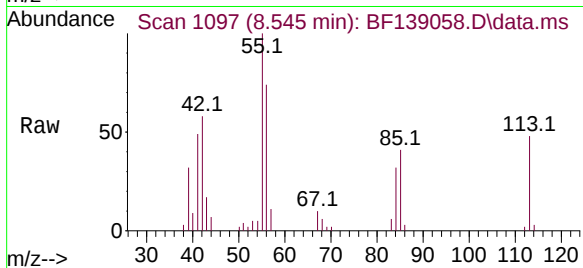
Tgt Ion:113 Resp: 7312

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

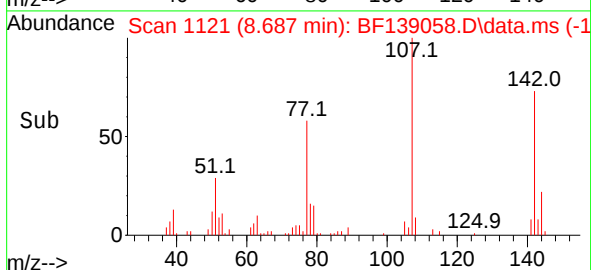
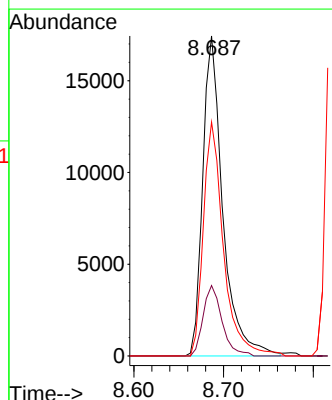
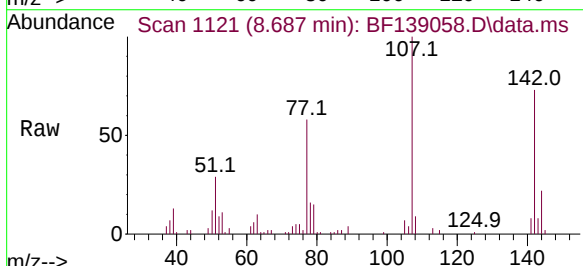
Tgt Ion:107 Resp: 27084

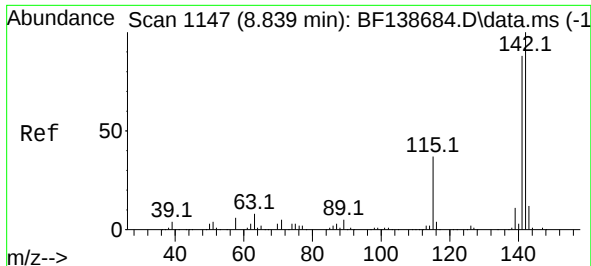
Ion Ratio Lower Upper

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

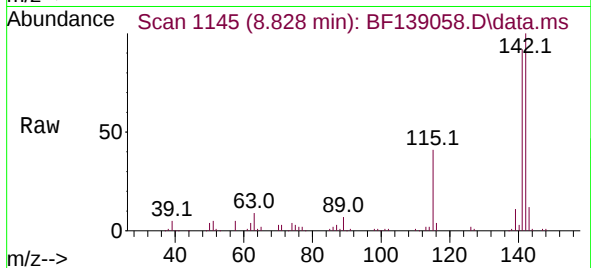
Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

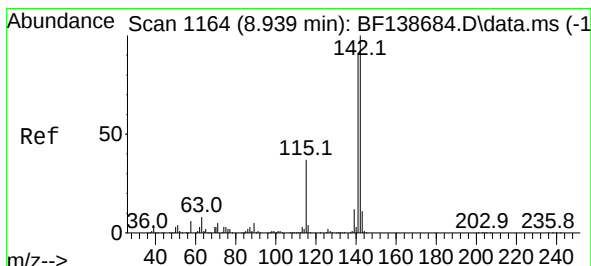
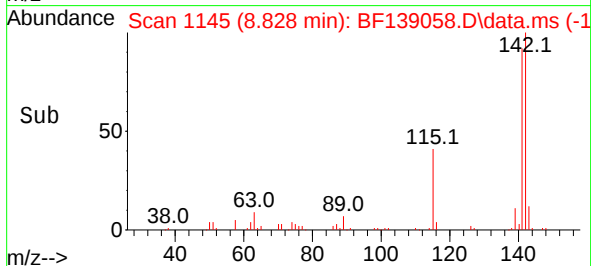
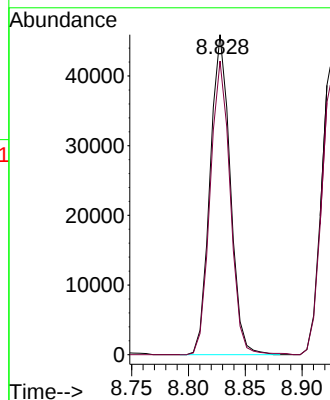


Tgt Ion:142 Resp: 56593

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

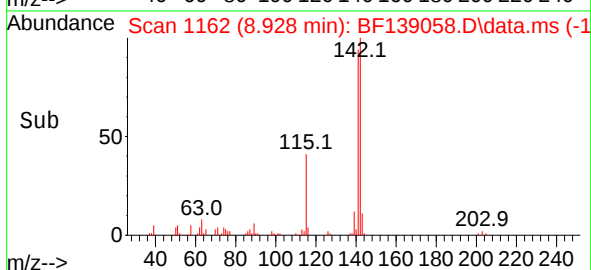
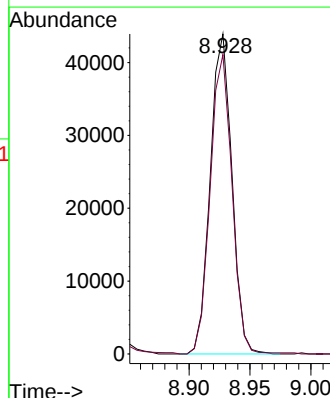
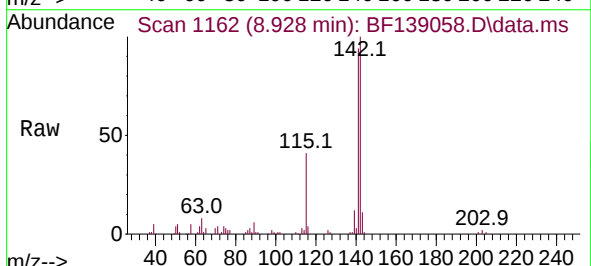
Acq: 16 Aug 2024 15:28

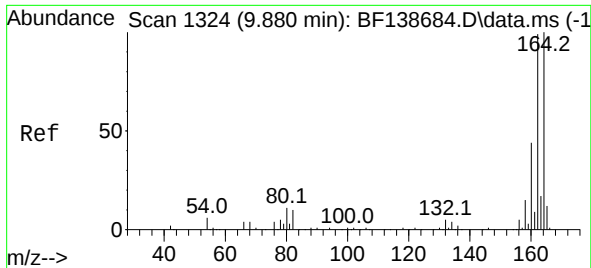
Tgt Ion:142 Resp: 54271

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

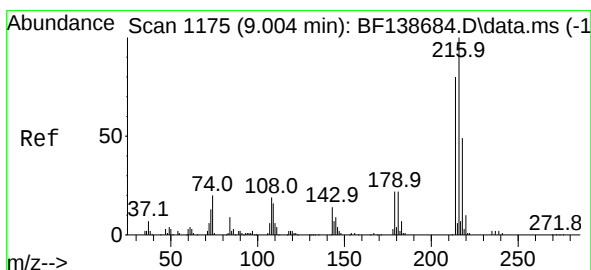
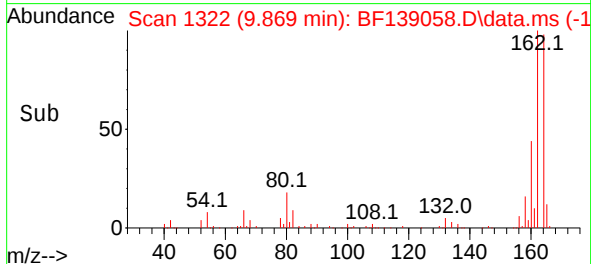
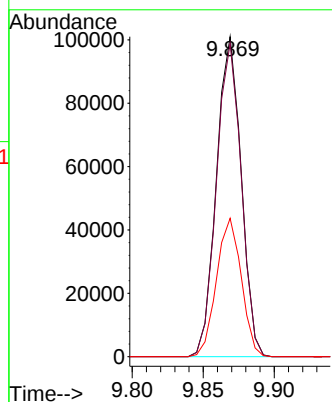
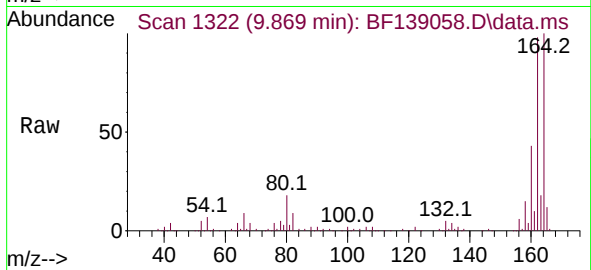
Tgt Ion:164 Resp: 122081

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

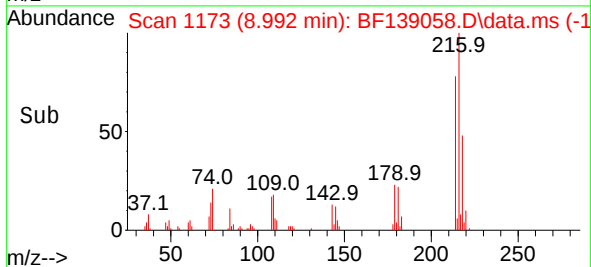
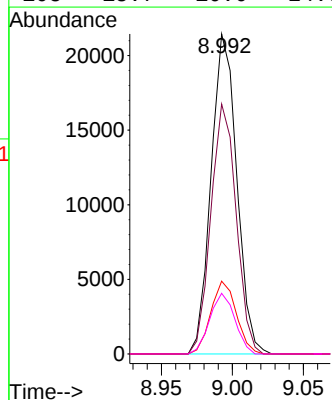
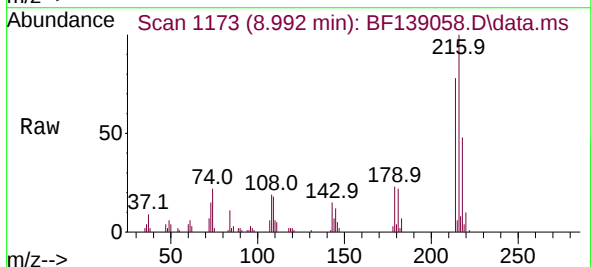
Ion Ratio Lower Upper

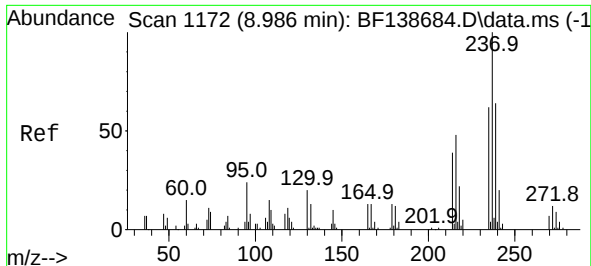
216 100

214 76.8 63.9 95.9

179 22.7 17.8 26.6

108 18.7 16.0 24.0

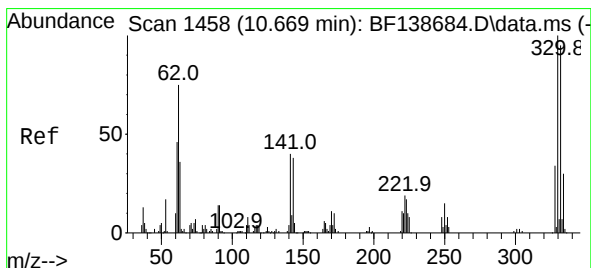
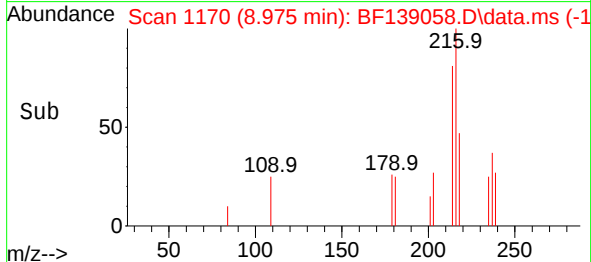
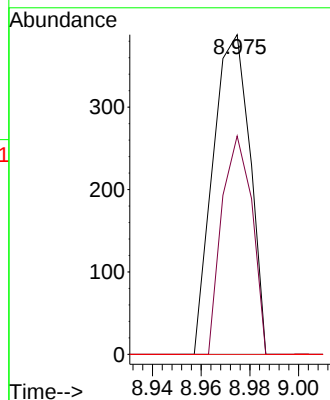
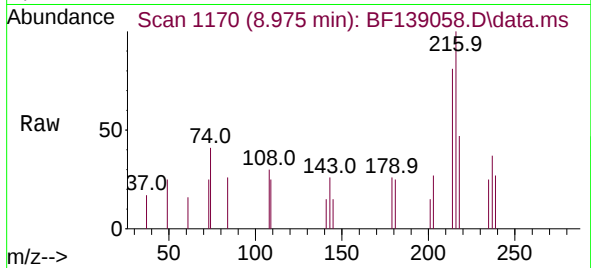




#41
Hexachlorocyclopentadiene
Concen: 7.381 ng
RT: 8.975 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

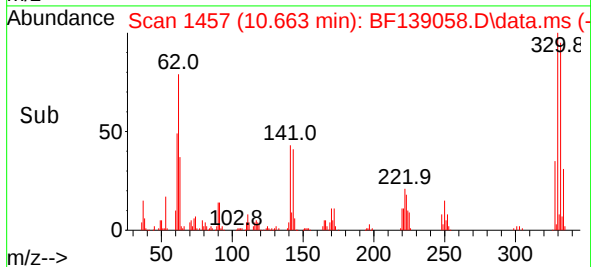
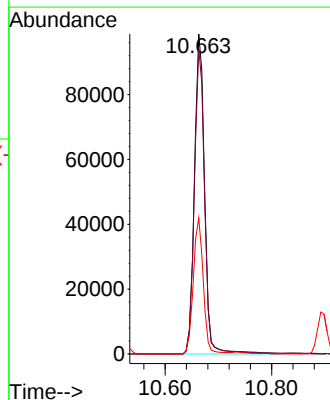
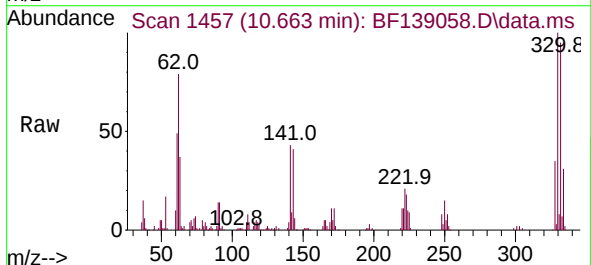
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

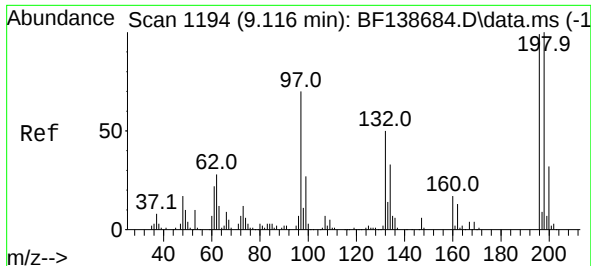
Tgt Ion:237 Resp: 408
Ion Ratio Lower Upper
237 100
235 68.3 41.8 81.8
272 0.0 0.0 32.2



#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

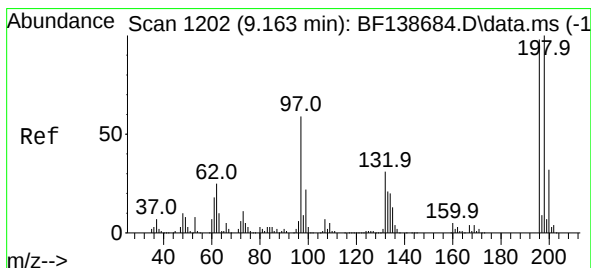
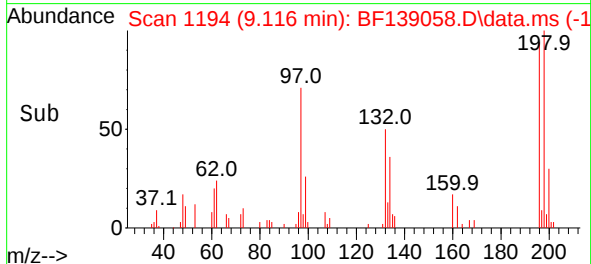
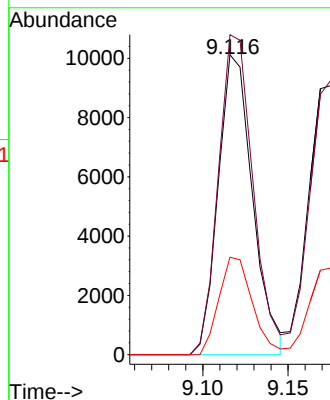
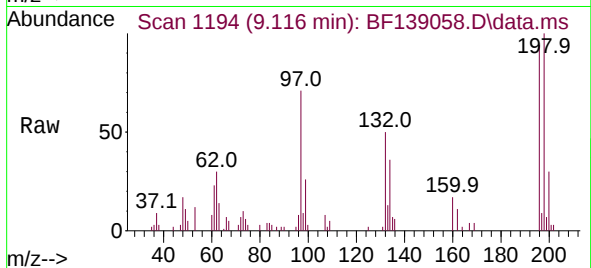
Tgt Ion:196 Resp: 14220

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

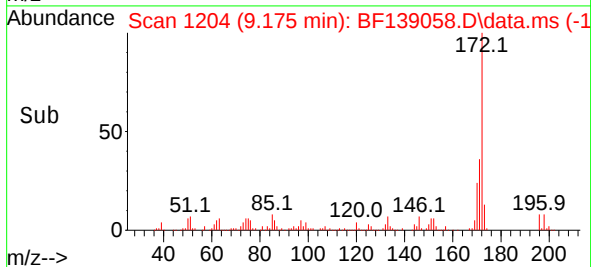
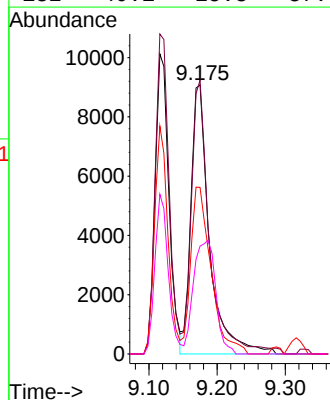
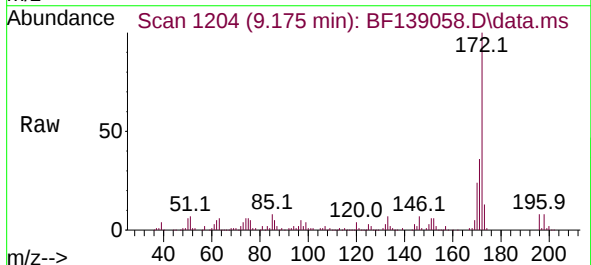
Ion Ratio Lower Upper

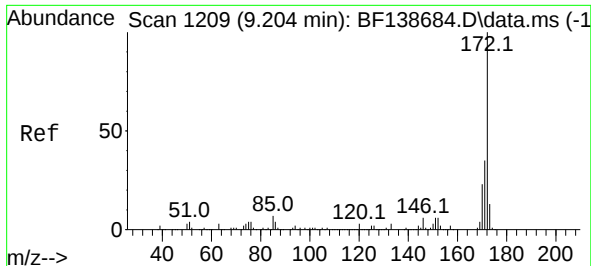
196 100

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# 1207

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

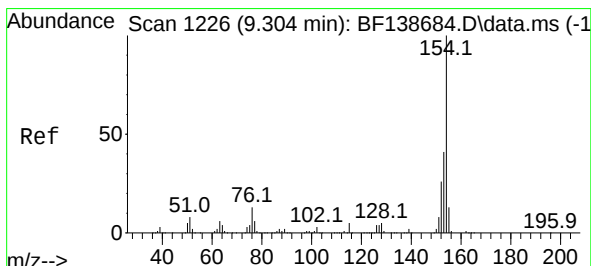
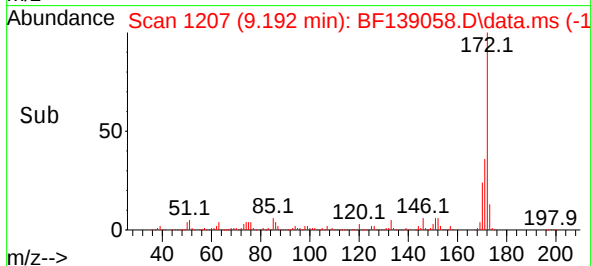
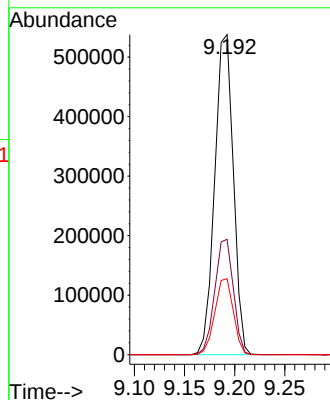
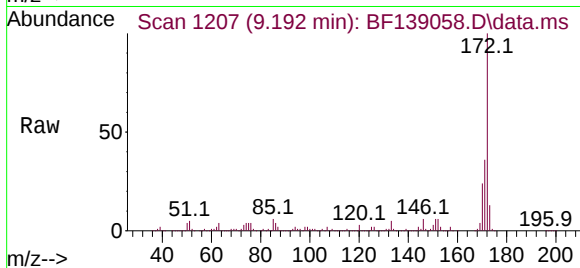
Tgt Ion:172 Resp: 694874

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

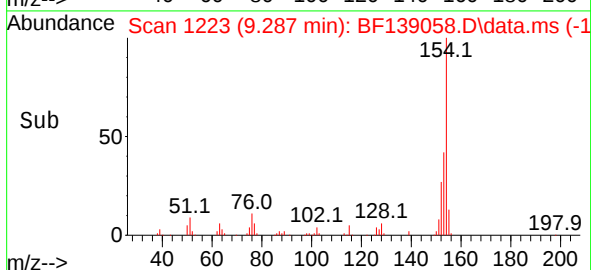
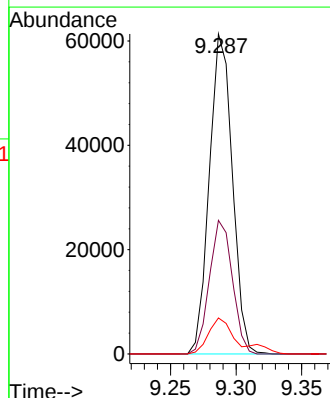
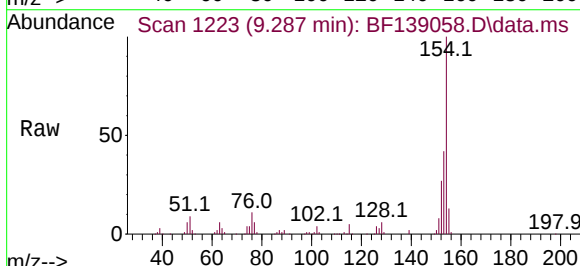
Tgt Ion:154 Resp: 74804

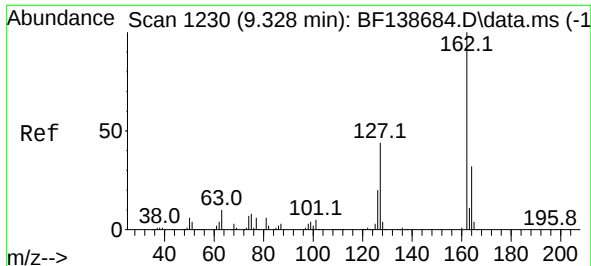
Ion Ratio Lower Upper

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# 1228

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

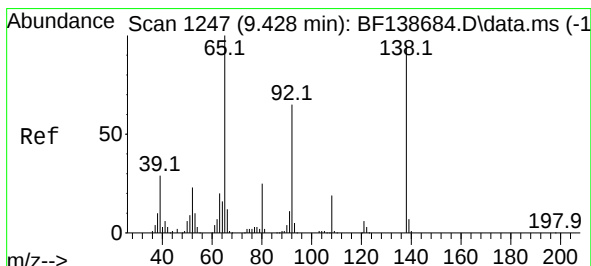
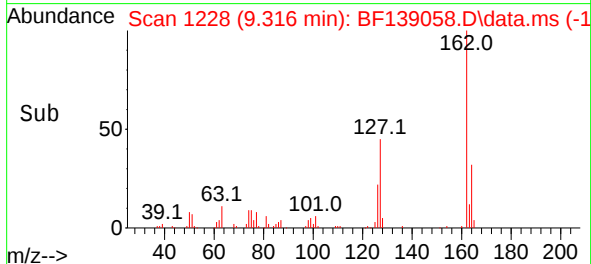
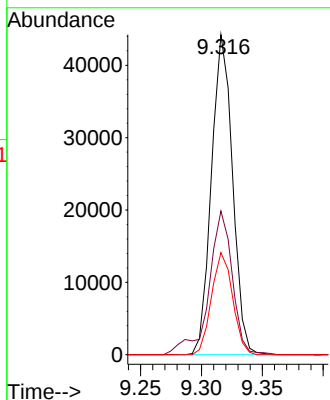
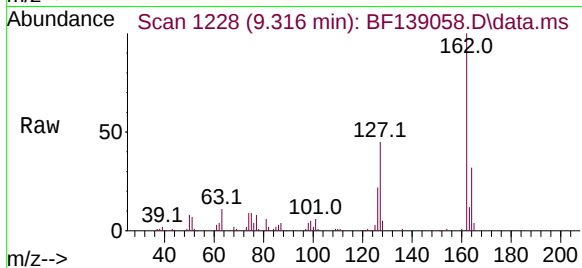
Tgt Ion:162 Resp: 53280

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

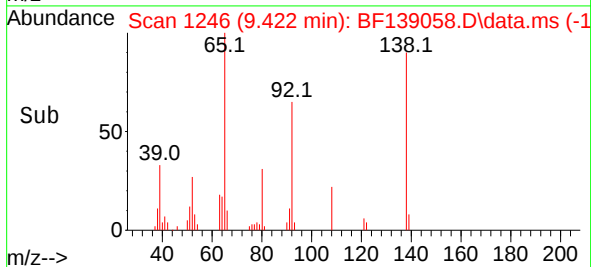
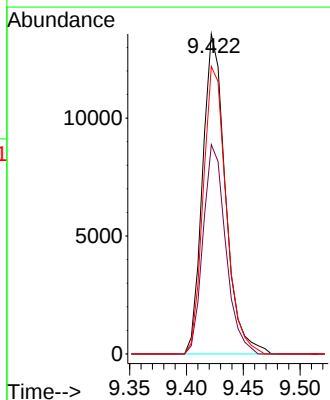
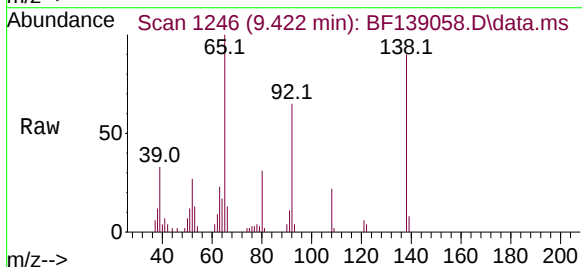
Tgt Ion: 65 Resp: 18889

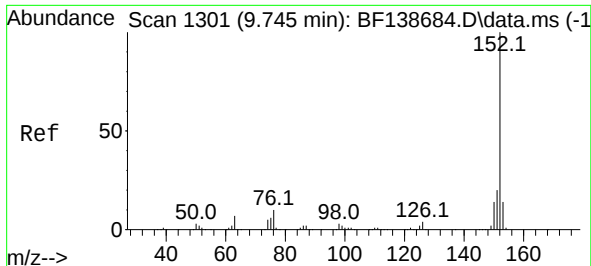
Ion Ratio Lower Upper

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# 1298

Delta R.T. -0.018 min

Lab File: BF139058.D

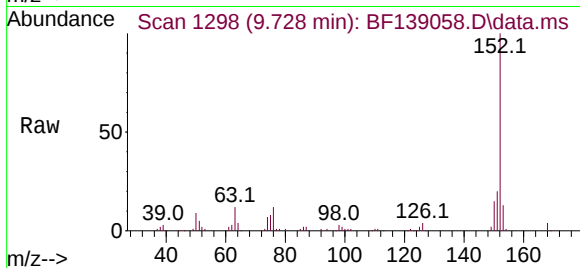
Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



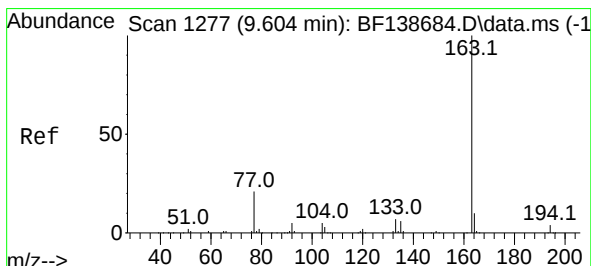
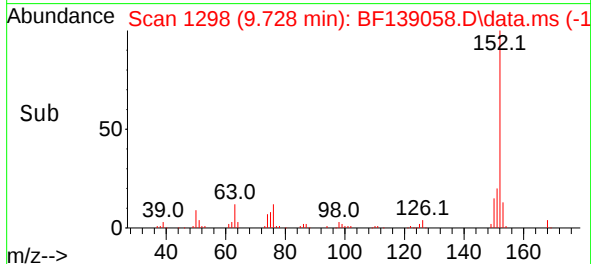
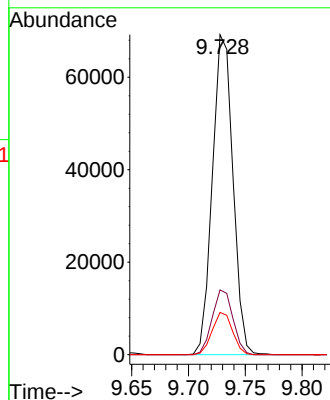
Tgt Ion:152 Resp: 87122

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

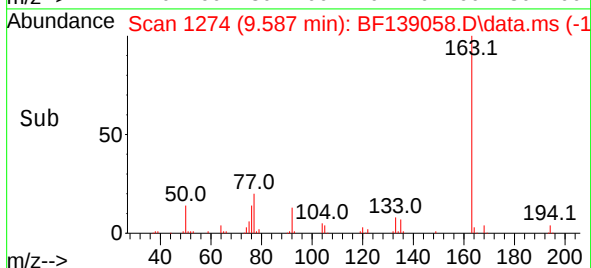
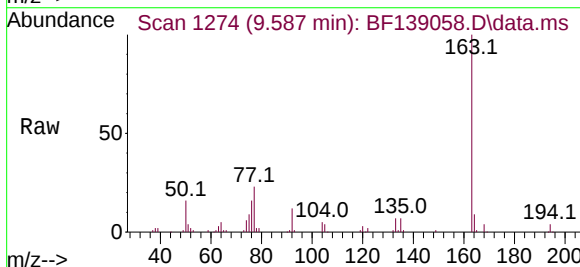
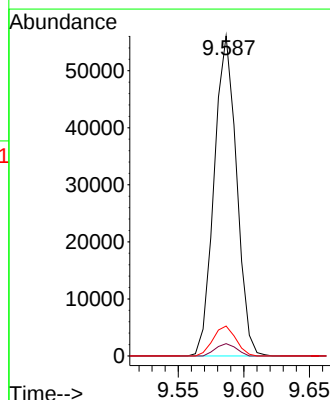
Tgt Ion:163 Resp: 66627

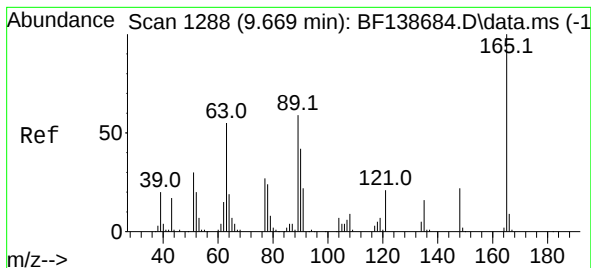
Ion Ratio Lower Upper

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# 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

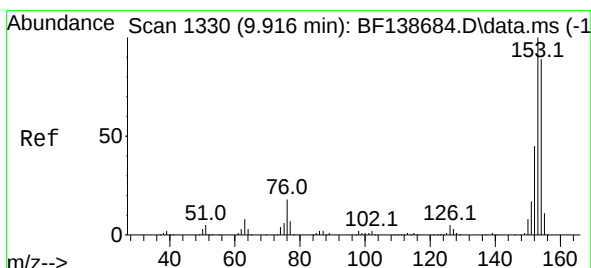
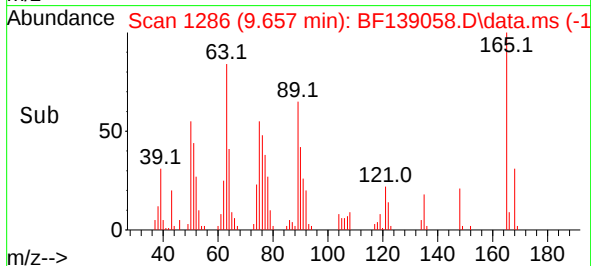
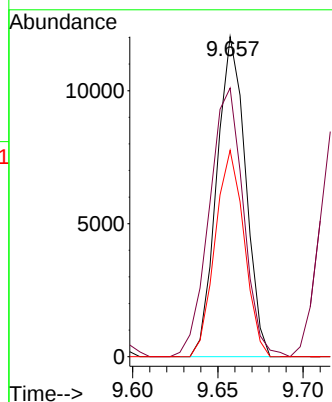
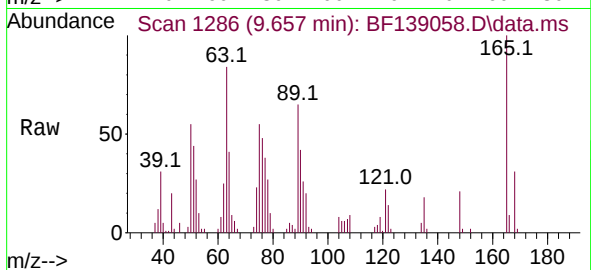
Tgt Ion:165 Resp: 14145

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

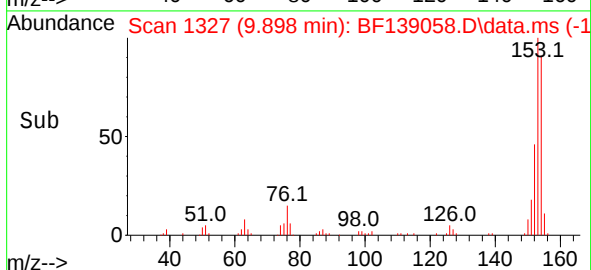
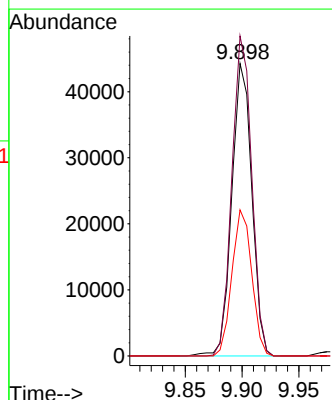
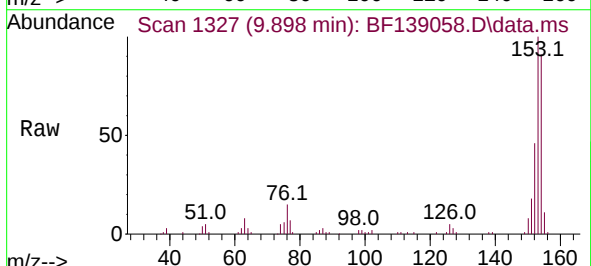
Tgt Ion:154 Resp: 54159

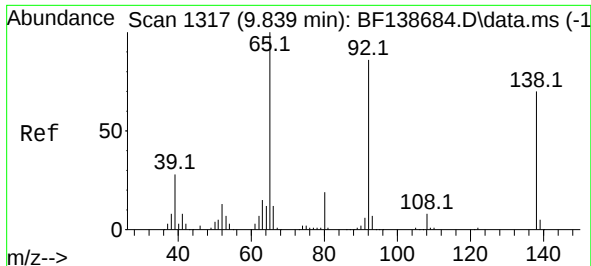
Ion Ratio Lower Upper

154 100

153 109.4 89.9 134.9

152 50.0 40.6 60.8

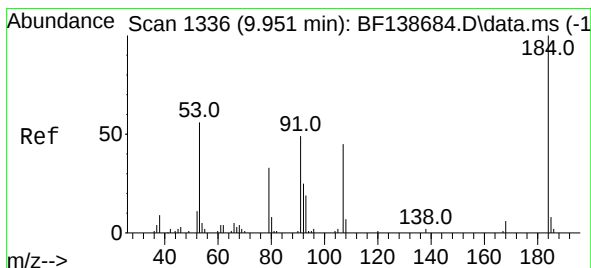
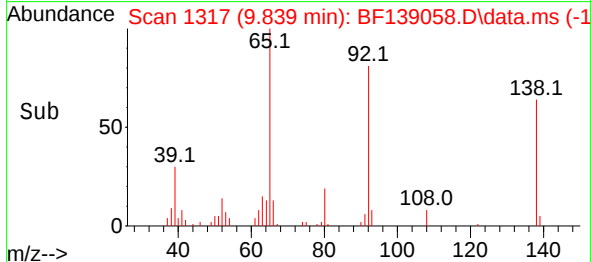
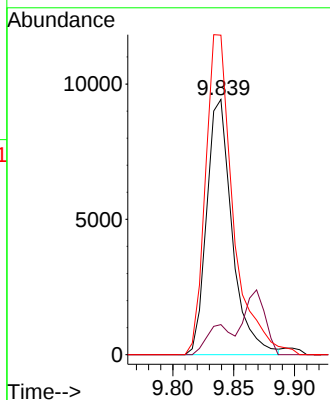
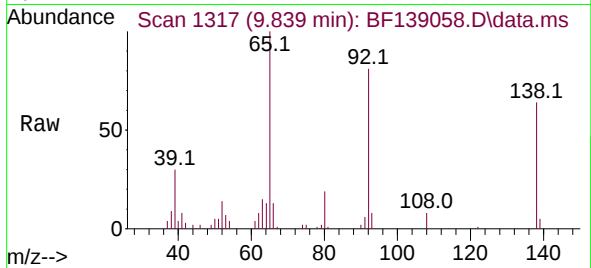




#53
3-Nitroaniline
Concen: 7.557 ng
RT: 9.839 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

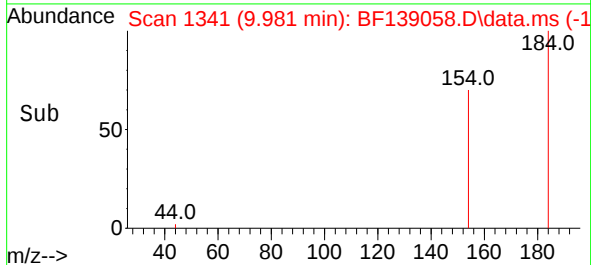
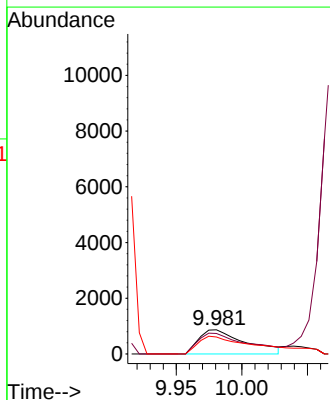
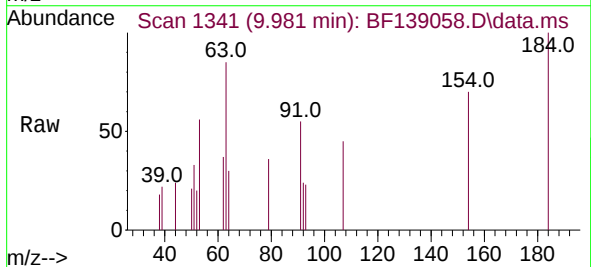
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

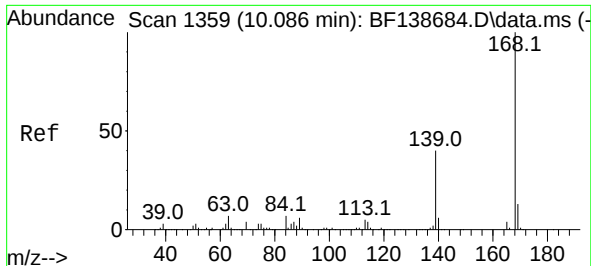
Tgt Ion:138 Resp: 13762
Ion Ratio Lower Upper
138 100
108 11.8 9.1 13.7
92 125.2 98.7 148.1



#54
2,4-Dinitrophenol
Concen: 2.641 ng
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: 2142
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# 1357

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

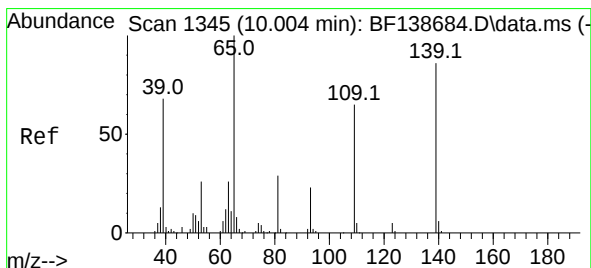
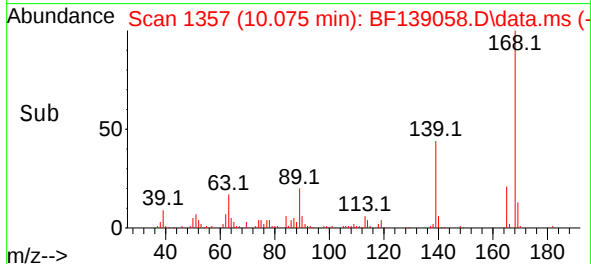
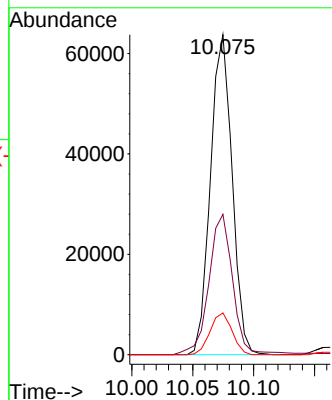
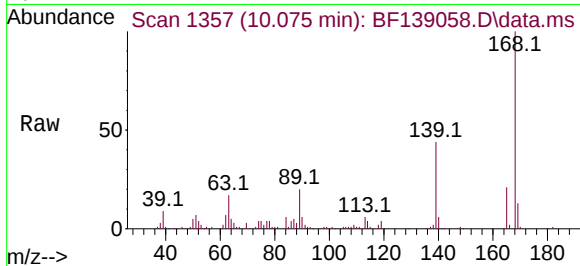
Tgt Ion:168 Resp: 78683

Ion Ratio Lower Upper

168 100

139 43.9 32.6 49.0

169 13.0 10.7 16.1



#56

4-Nitrophenol

Concen: 35.350 ng

RT: 10.075 min Scan# 1357

Delta R.T. 0.071 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

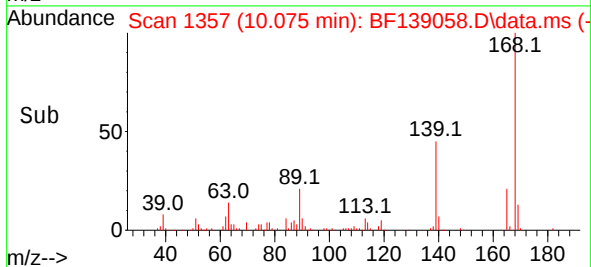
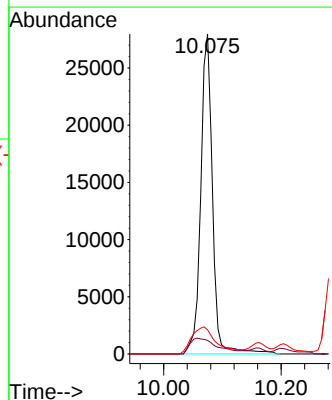
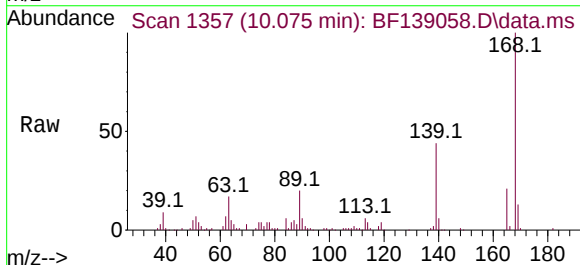
Tgt Ion:139 Resp: 38714

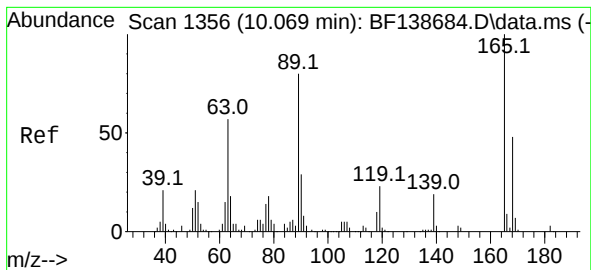
Ion Ratio Lower Upper

139 100

109 4.3 55.5 95.5#

65 7.6 96.7 136.7#

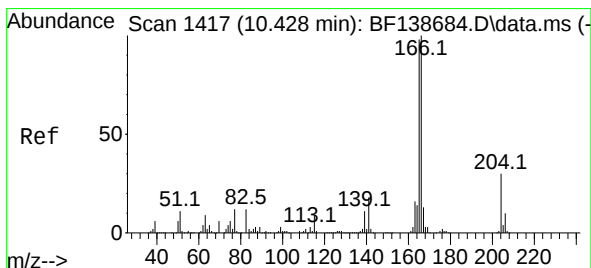
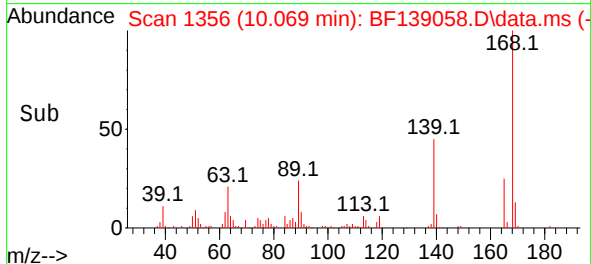
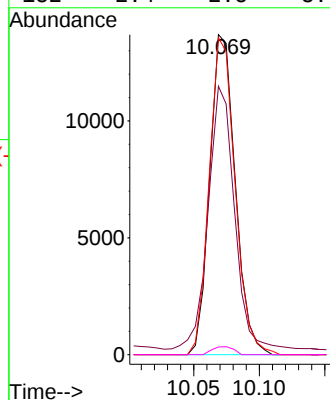
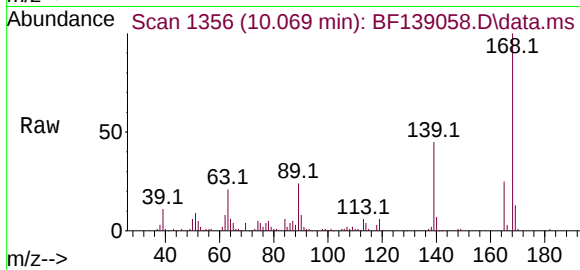




#57
2,4-Dinitrotoluene
Concen: 8.246 ng
RT: 10.069 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

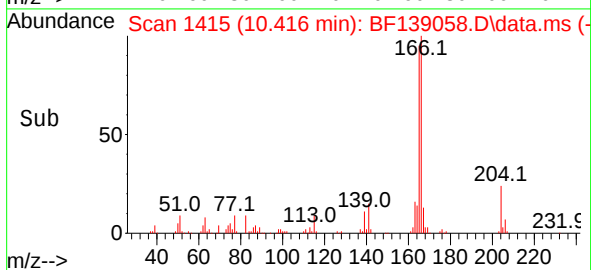
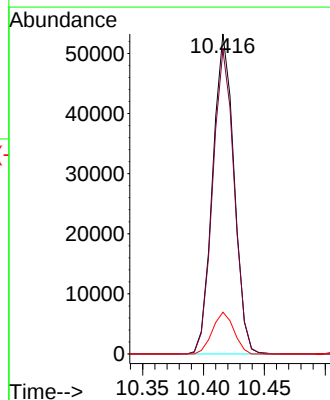
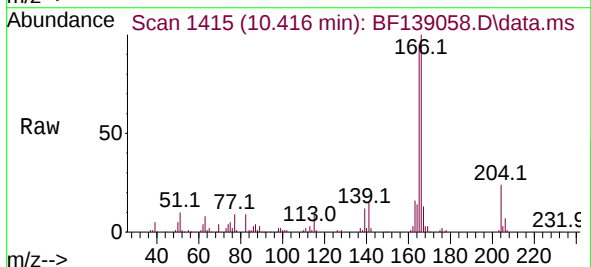
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

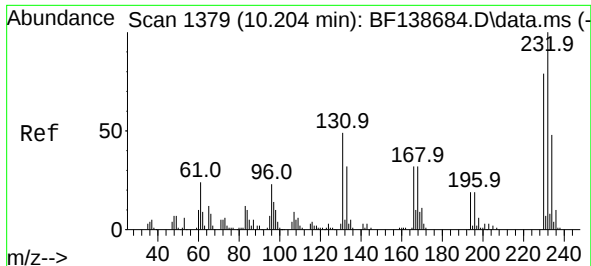
Tgt Ion:165	Resp:	18534
Ion Ratio	Lower	Upper
165	100	
63	83.9	46.3 69.5#
89	99.1	64.2 96.4#
182	2.4	2.5 3.7#



#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: 6.673 ng

RT: 10.204 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BF139058.D

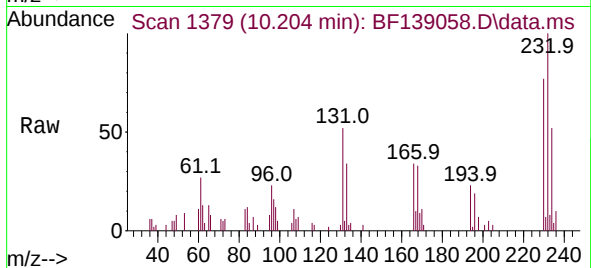
Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



Tgt Ion:232 Resp: 11532

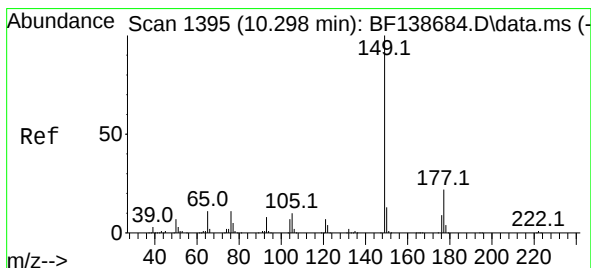
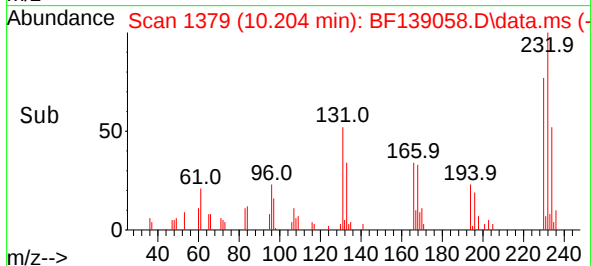
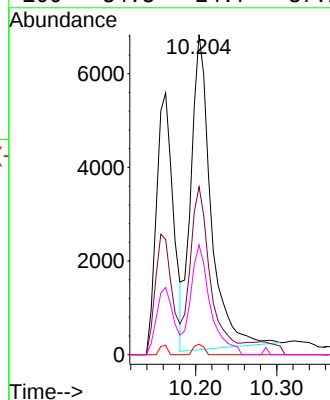
Ion Ratio Lower Upper

232 100

131 47.4 37.0 55.4

130 1.7 2.0 3.0#

166 34.3 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

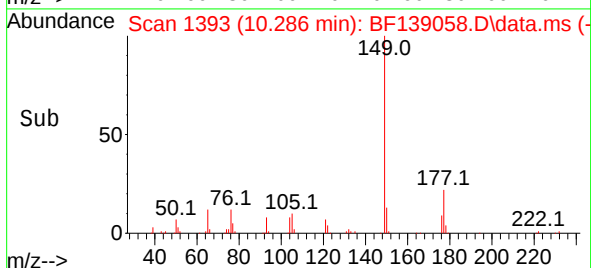
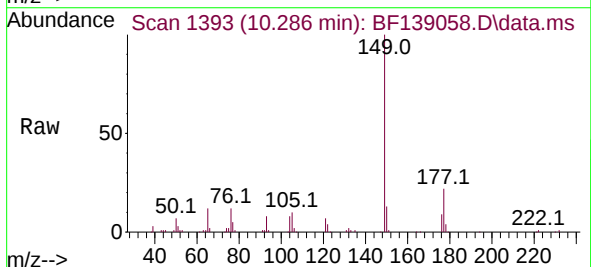
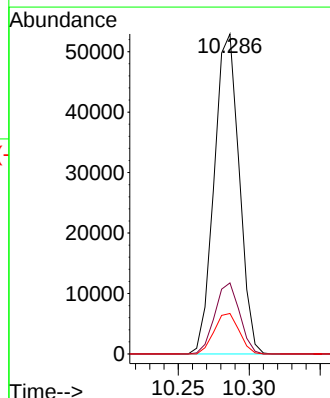
Tgt Ion:149 Resp: 64691

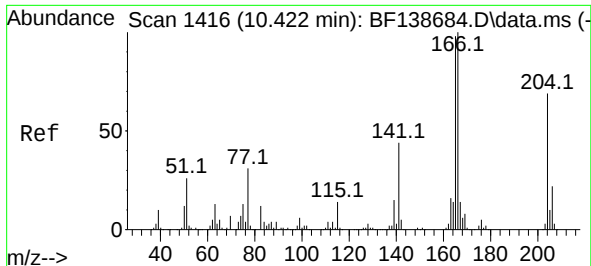
Ion Ratio Lower Upper

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

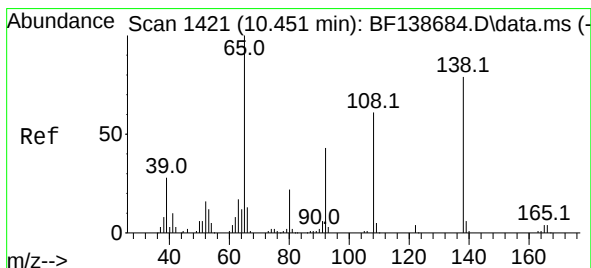
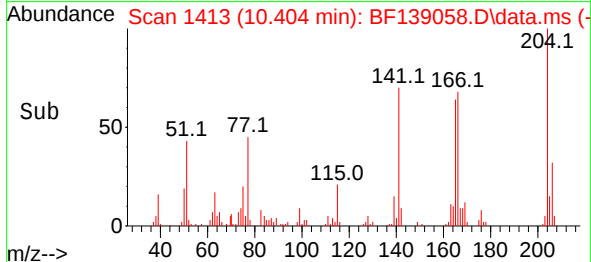
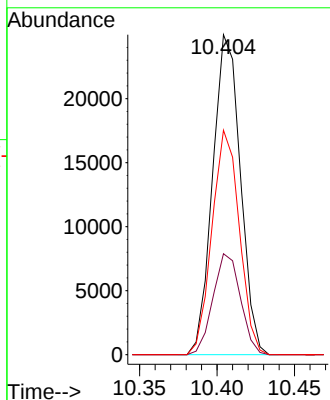
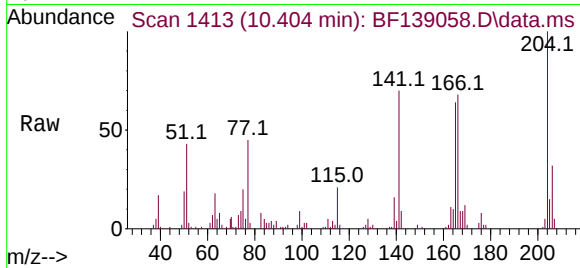
Tgt Ion:204 Resp: 31085

Ion Ratio Lower Upper

204 100

206 31.5 26.1 39.1

141 70.2 51.4 77.0



#62

4-Nitroaniline

Concen: 7.358 ng

RT: 10.445 min Scan# 1420

Delta R.T. -0.006 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

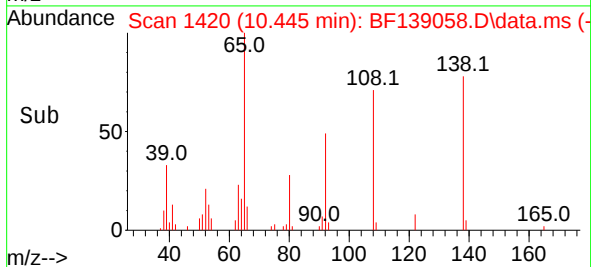
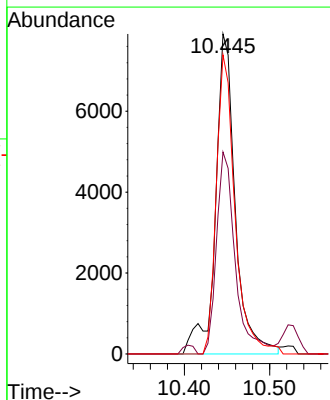
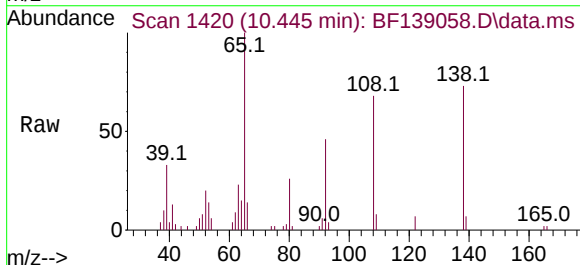
Tgt Ion:138 Resp: 12734

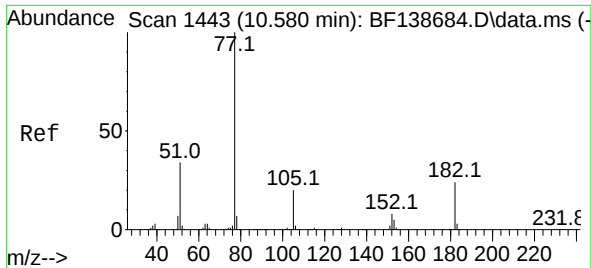
Ion Ratio Lower Upper

138 100

92 63.1 34.2 74.2

108 93.4 56.2 96.2

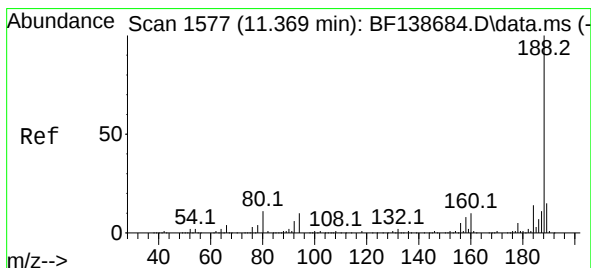
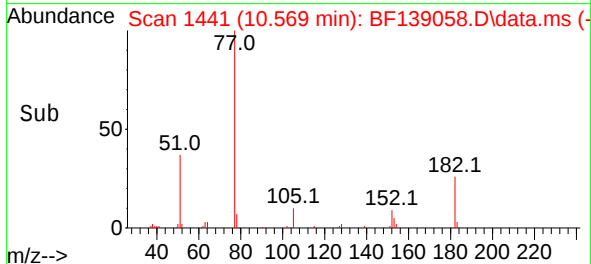
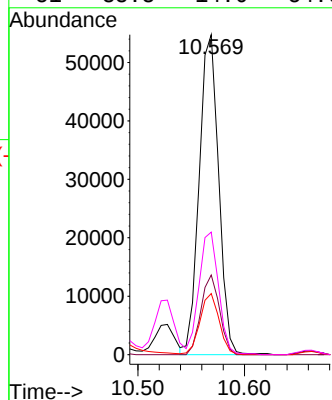
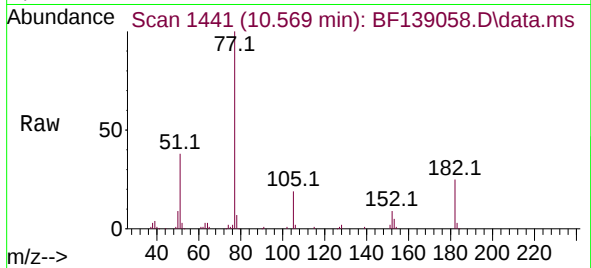




#63
Azobenzene
Concen: 8.501 ng
RT: 10.569 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

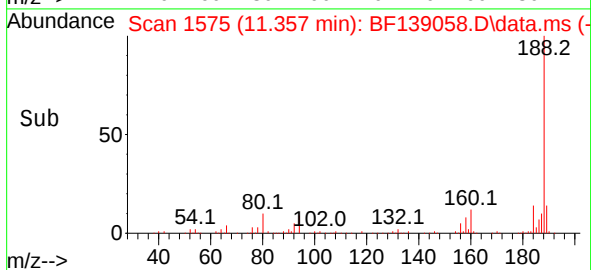
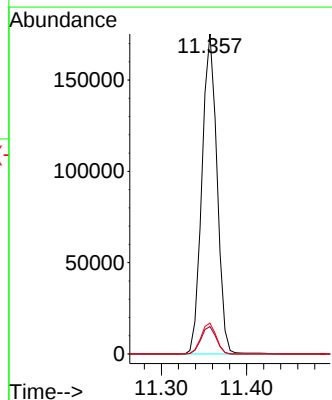
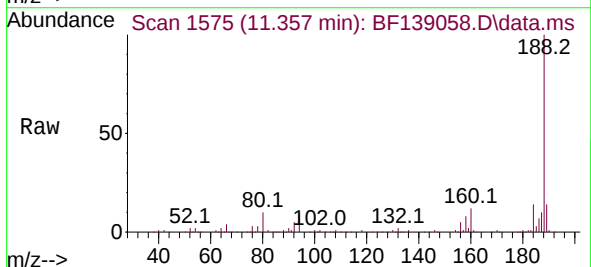
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

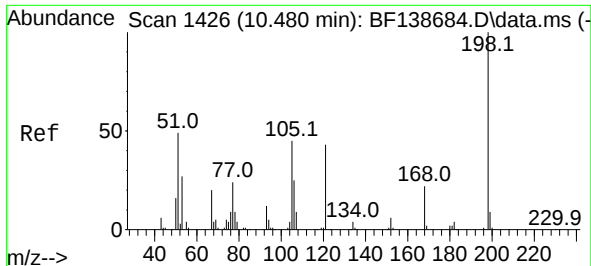
Tgt Ion: 77	Resp: 69781
Ion Ratio	Lower Upper
77 100	
182 24.9	3.4 43.4
105 19.1	0.2 40.2
51 38.3	14.6 54.6



#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

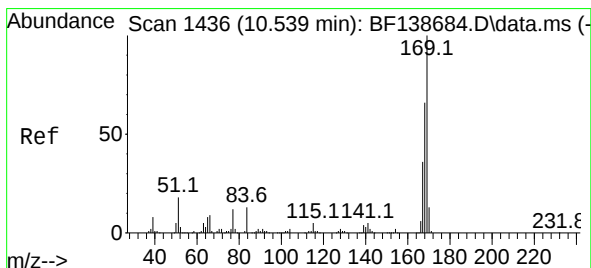
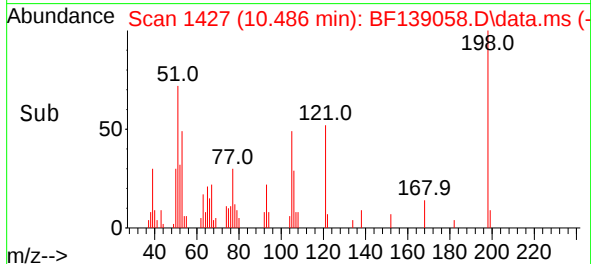
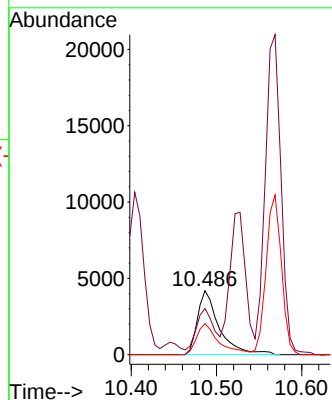
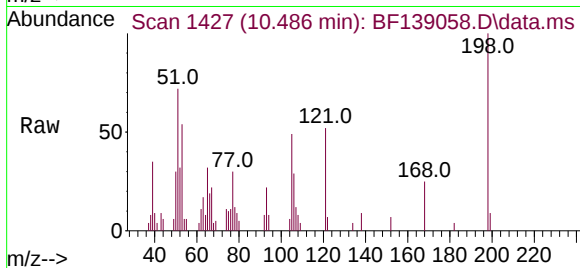
Tgt Ion:198 Resp: 7416

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

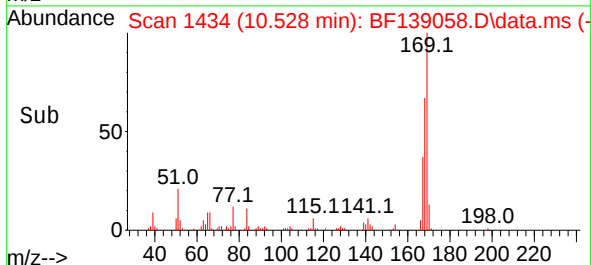
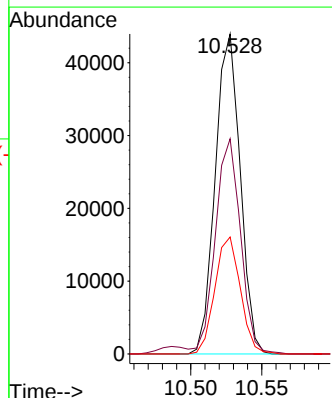
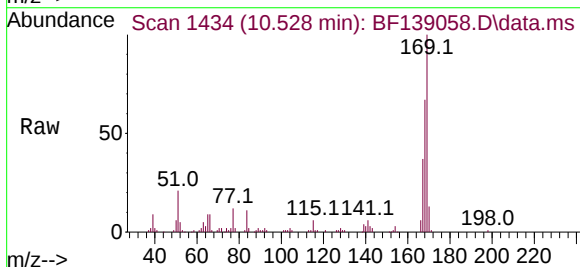
Tgt Ion:169 Resp: 53717

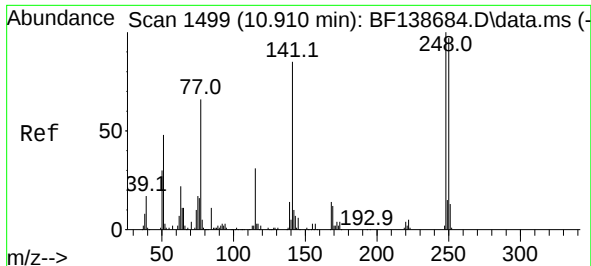
Ion Ratio Lower Upper

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

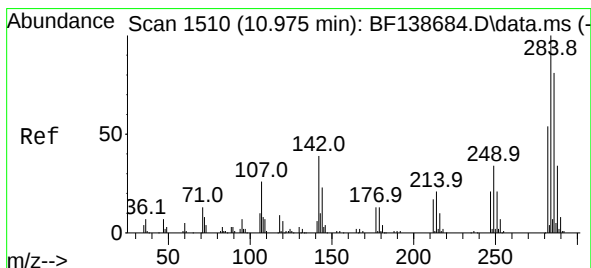
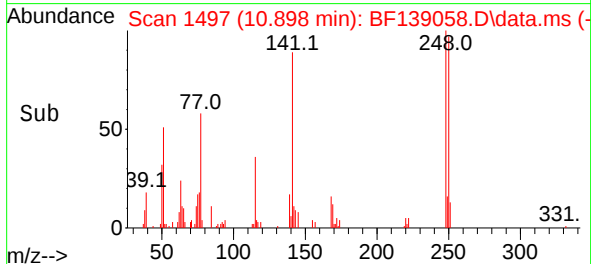
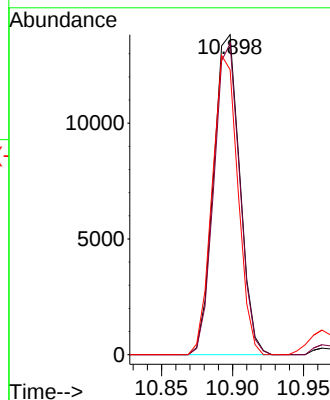
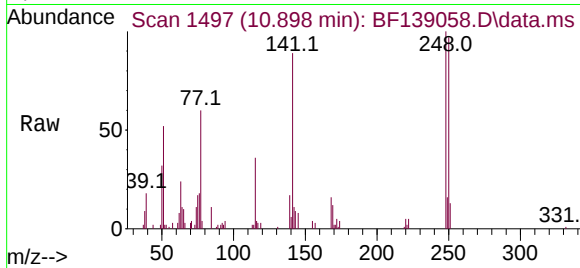
Tgt Ion:248 Resp: 17732

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

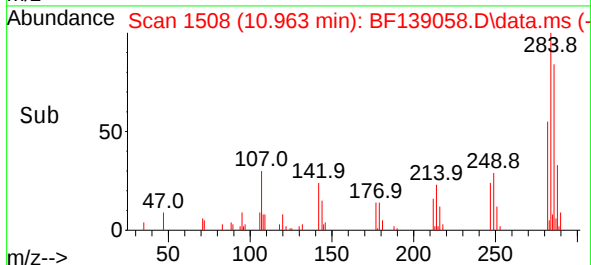
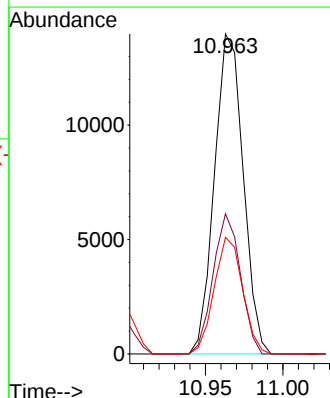
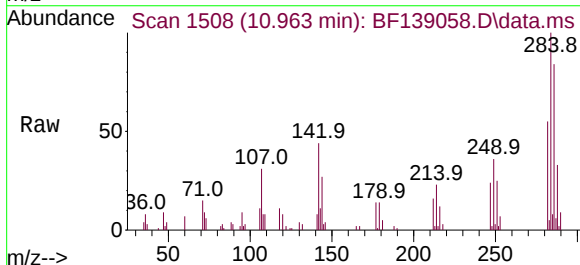
Tgt Ion:284 Resp: 18004

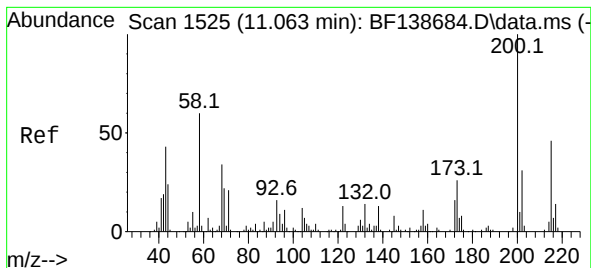
Ion Ratio Lower Upper

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# 1523

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

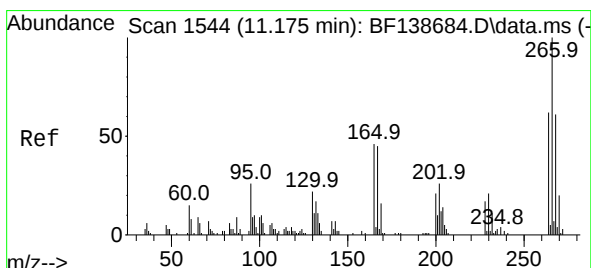
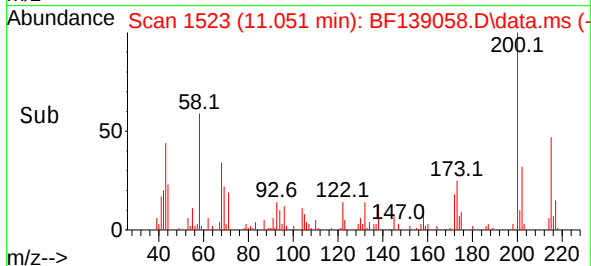
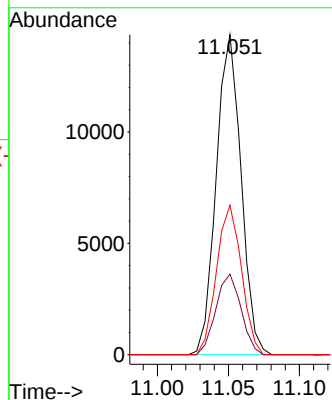
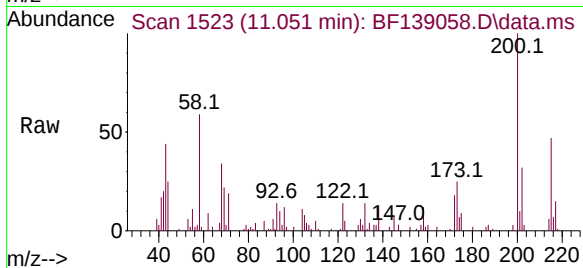
Tgt Ion:200 Resp: 17457

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

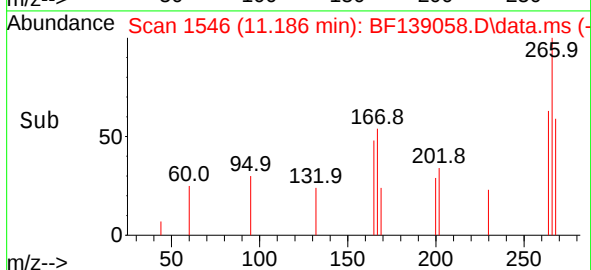
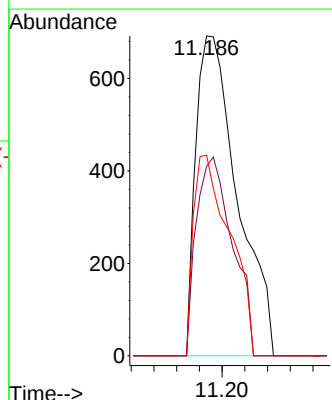
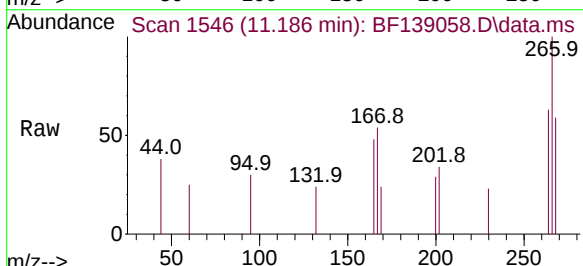
Tgt Ion:266 Resp: 1760

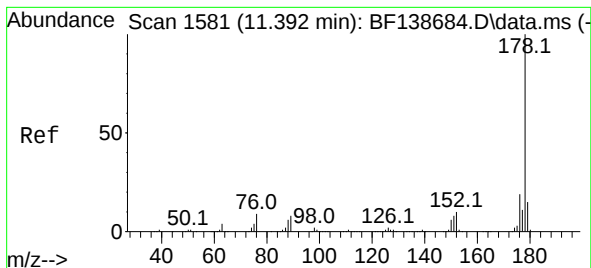
Ion Ratio Lower Upper

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# 1581

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

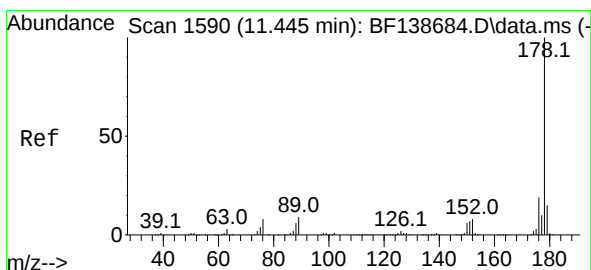
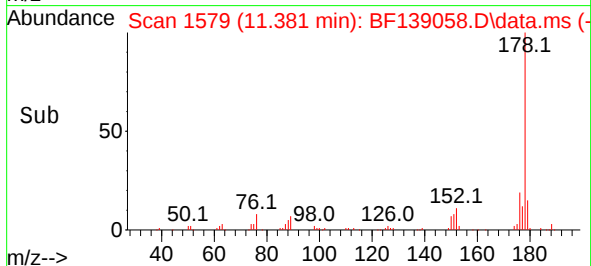
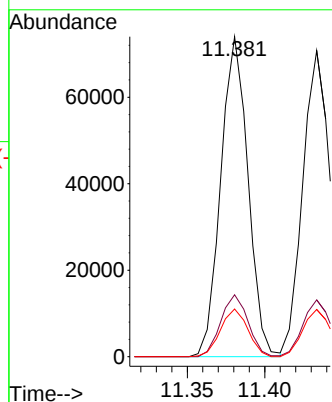
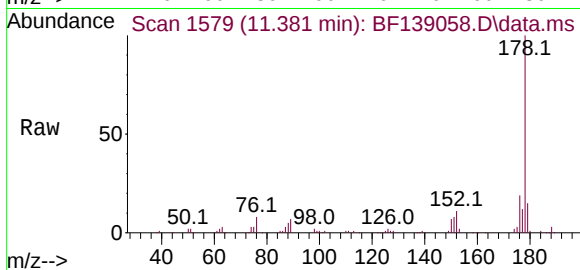
Tgt Ion:178 Resp: 90417

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

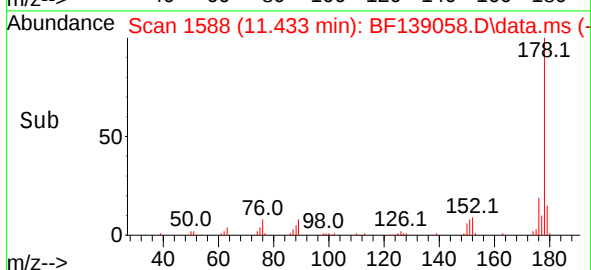
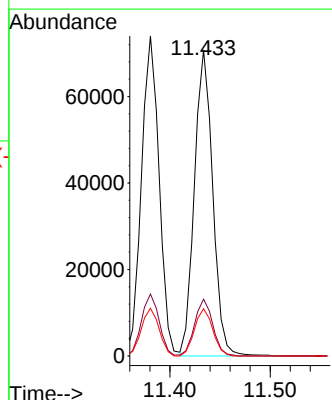
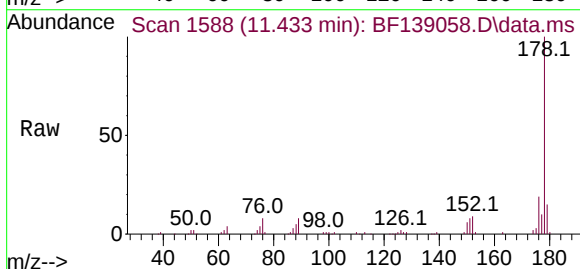
Tgt Ion:178 Resp: 89825

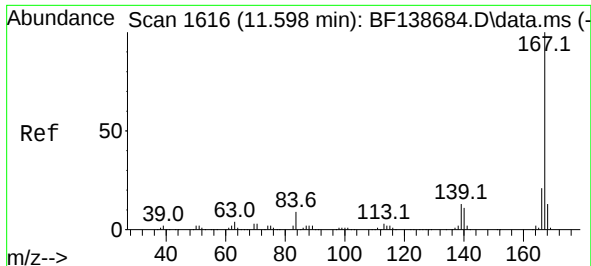
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

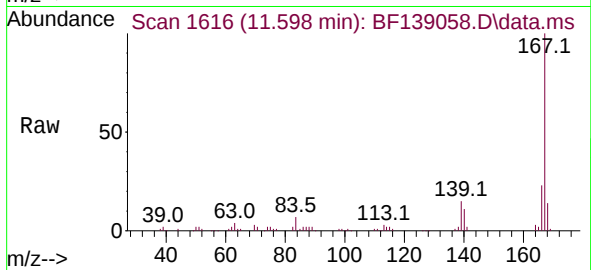
179 15.4 12.4 18.6



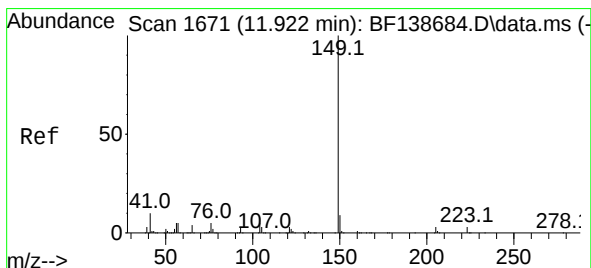
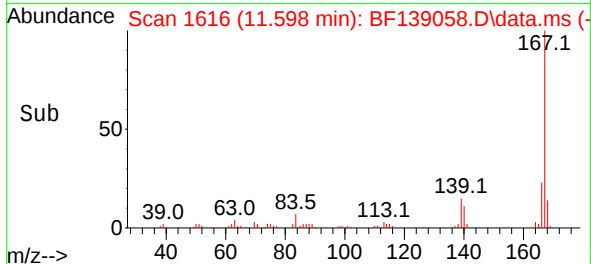
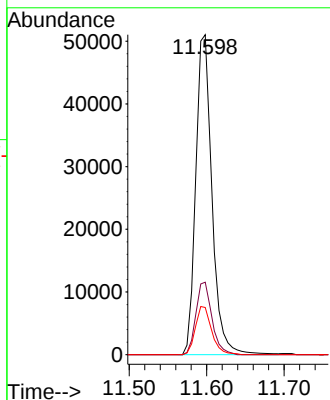


#73
Carbazole
Concen: 7.875 ng
RT: 11.598 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BF139058.D
Acq: 16 Aug 2024 15:28

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

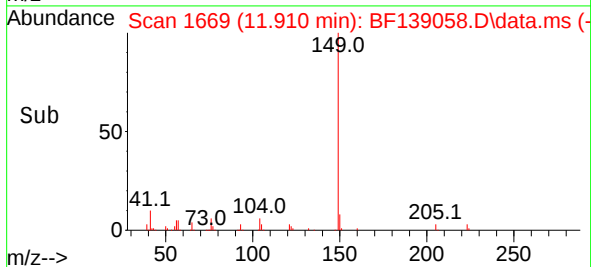
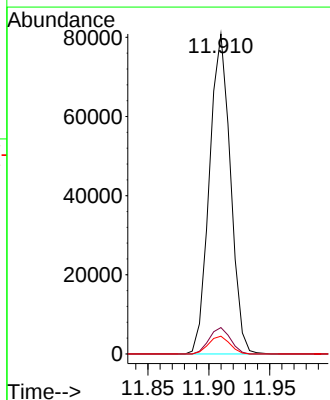
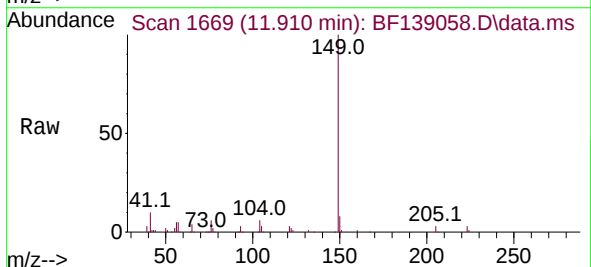


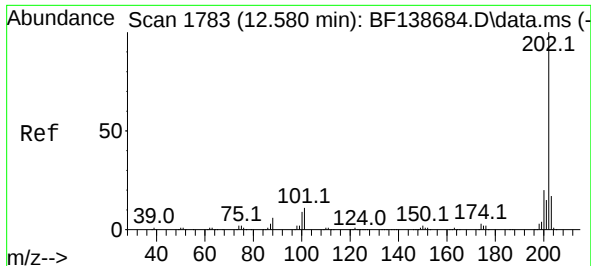
Tgt Ion:167 Resp: 74144
Ion Ratio Lower Upper
167 100
166 22.7 17.2 25.8
139 14.7 10.6 16.0



#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

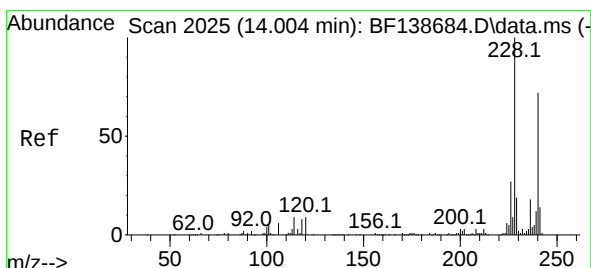
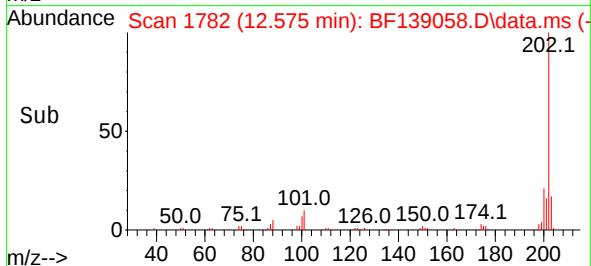
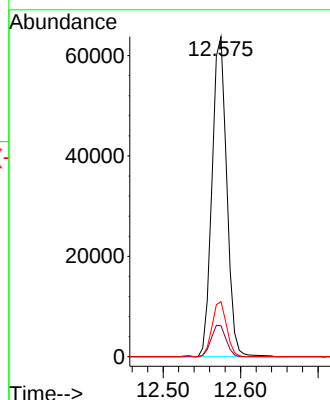
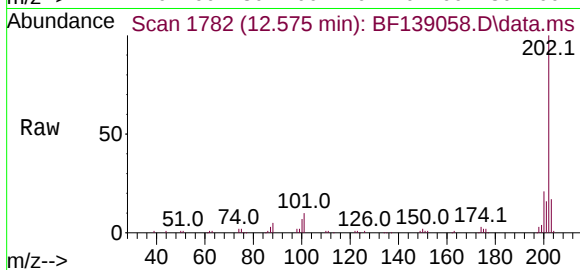
Tgt Ion:202 Resp: 84178

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

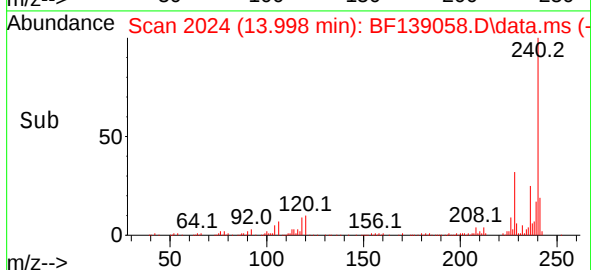
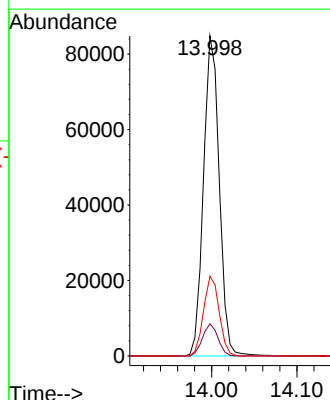
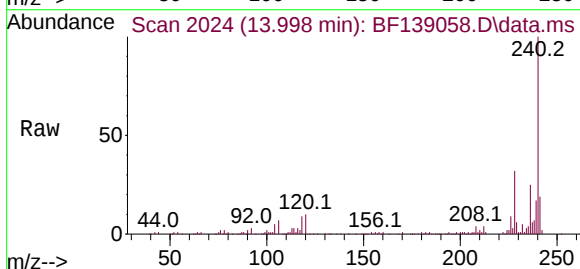
Tgt Ion:240 Resp: 109001

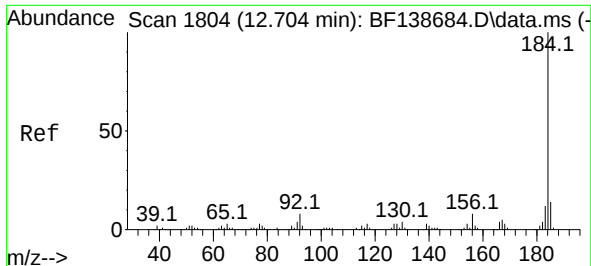
Ion Ratio Lower Upper

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

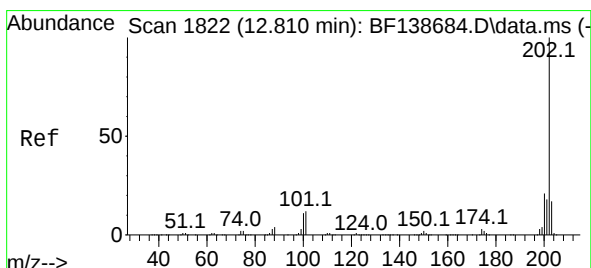
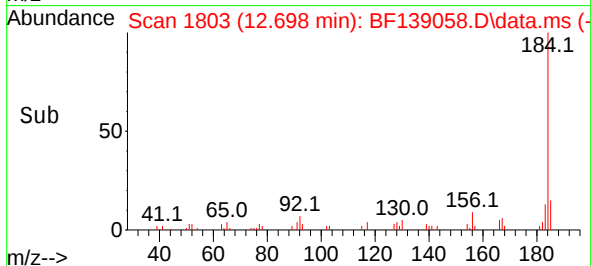
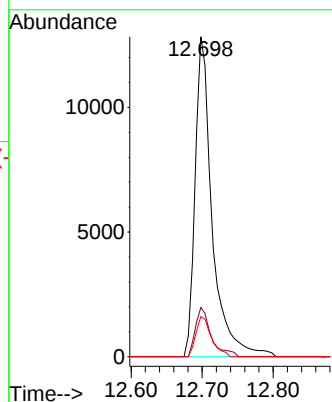
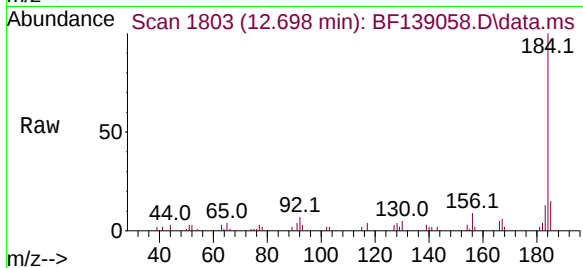
Tgt Ion:184 Resp: 21481

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

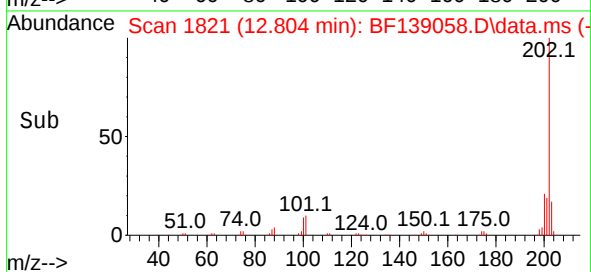
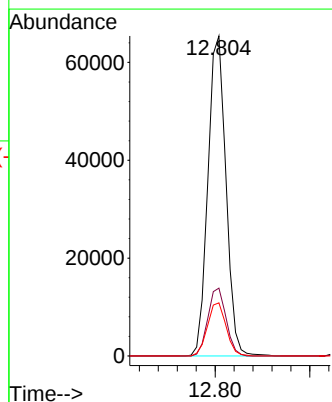
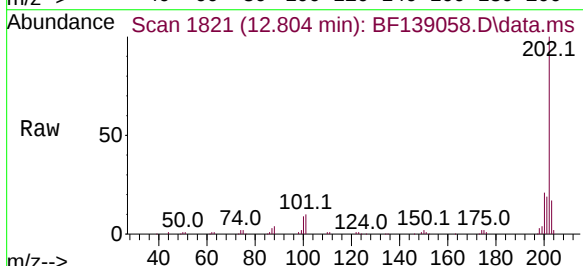
Tgt Ion:202 Resp: 86235

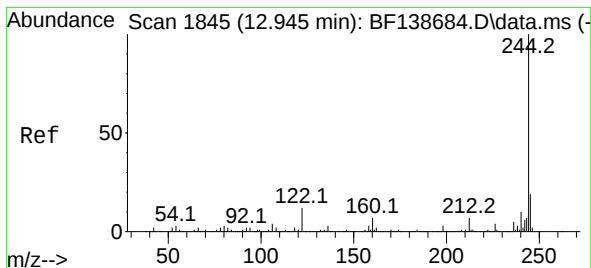
Ion Ratio Lower Upper

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

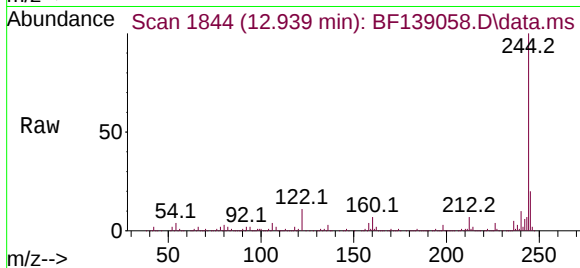
Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



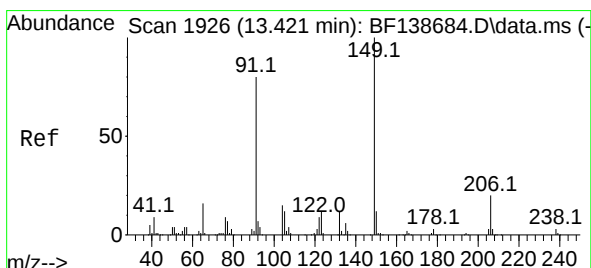
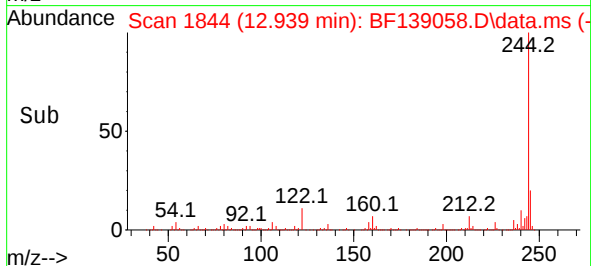
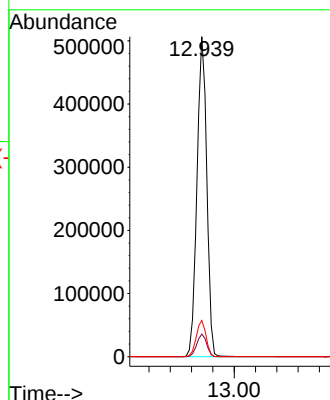
Tgt Ion:244 Resp: 648345

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

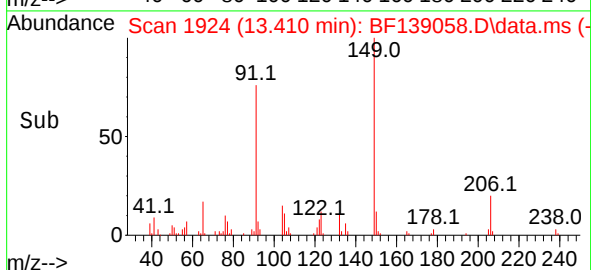
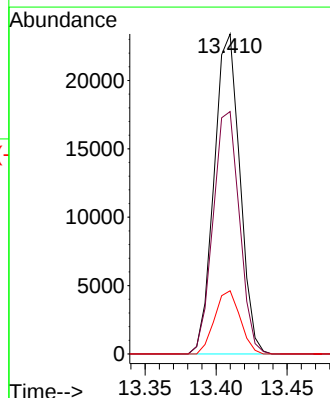
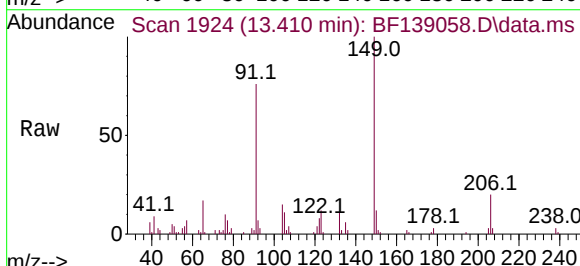
Tgt Ion:149 Resp: 29502

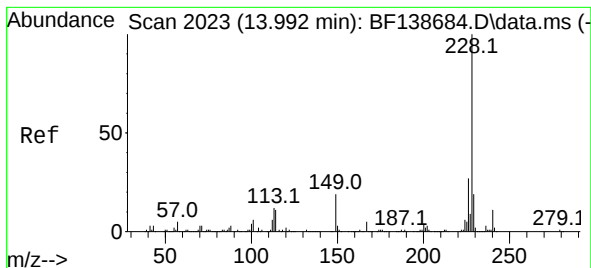
Ion Ratio Lower Upper

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# 2023

Delta R.T. 0.000 min

Lab File: BF139058.D

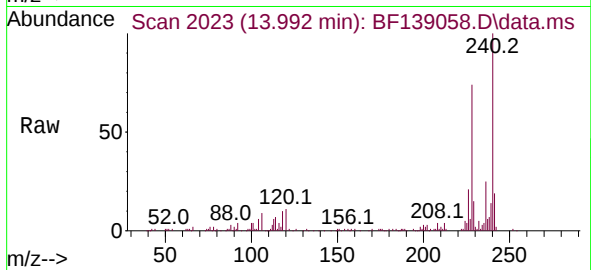
Acq: 16 Aug 2024 15:28

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



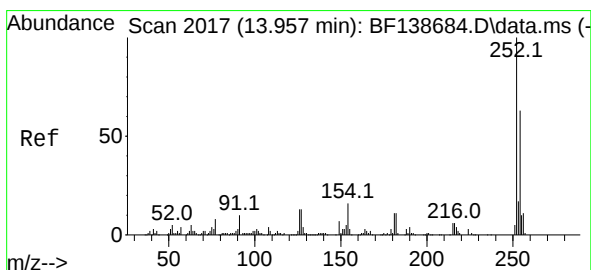
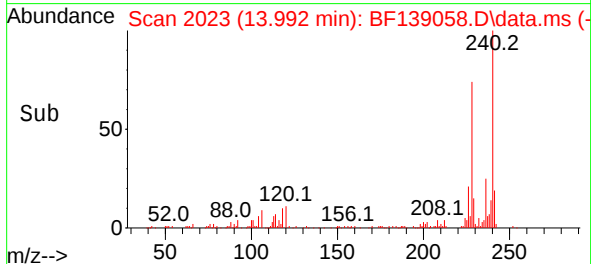
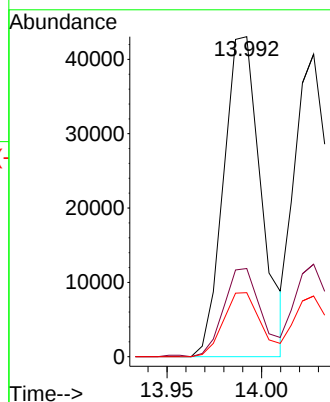
Tgt Ion:228 Resp: 59486

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

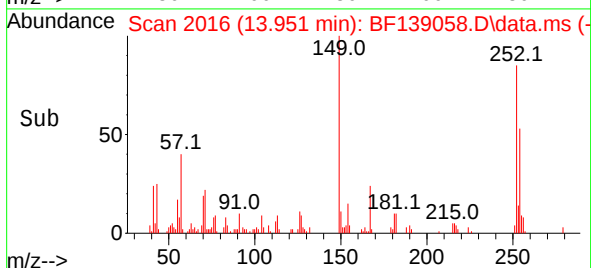
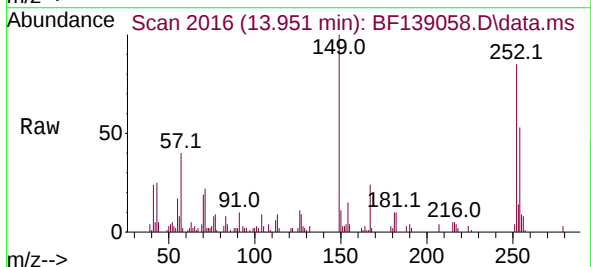
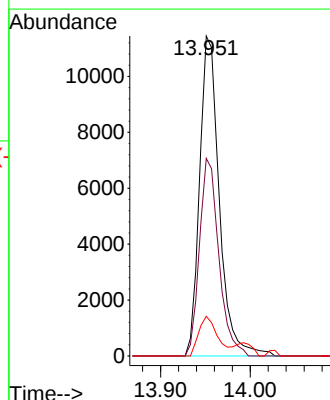
Tgt Ion:252 Resp: 17459

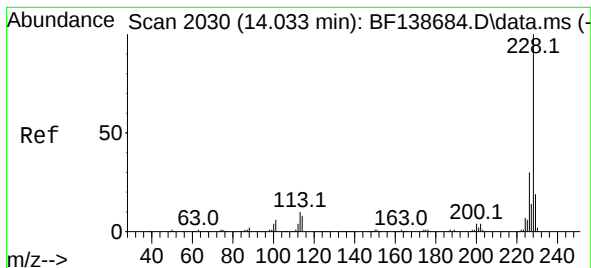
Ion Ratio Lower Upper

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

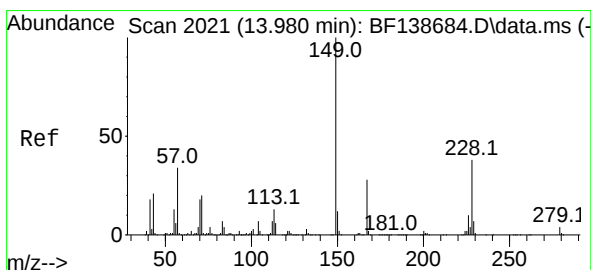
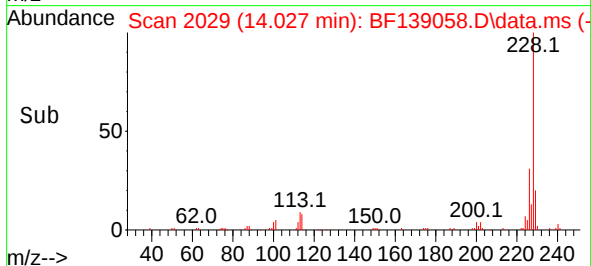
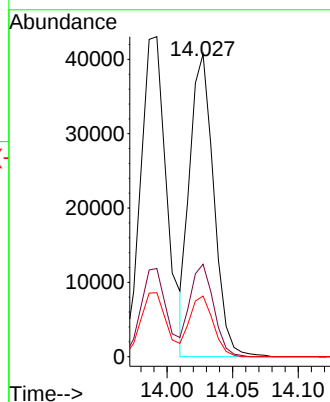
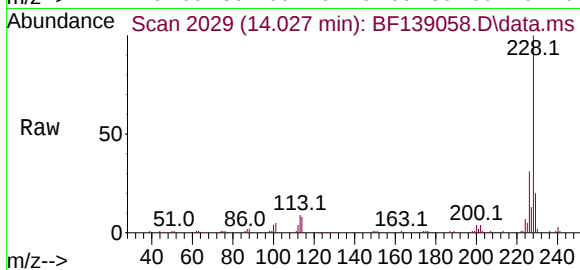
Tgt Ion:228 Resp: 51757

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

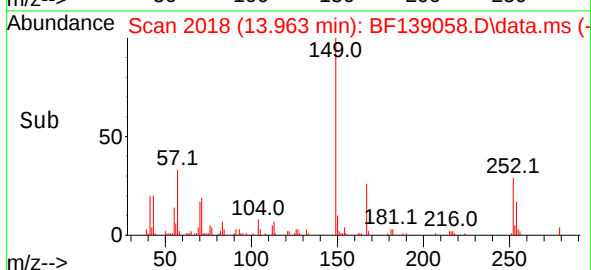
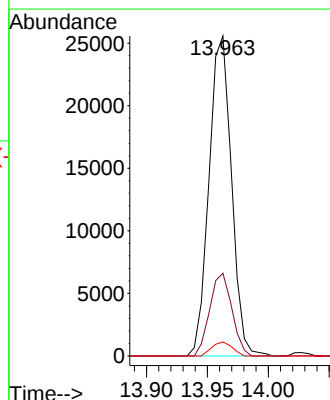
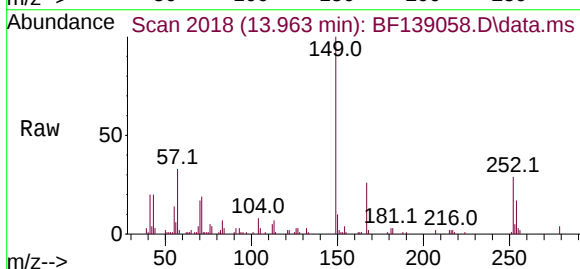
Tgt Ion:149 Resp: 32771

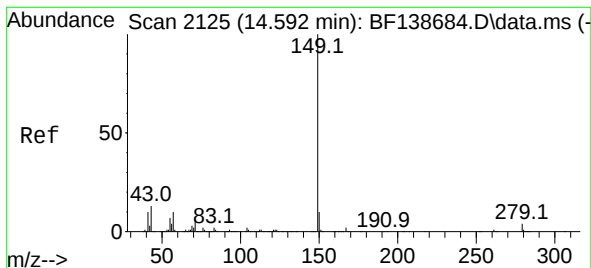
Ion Ratio Lower Upper

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# 2121

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

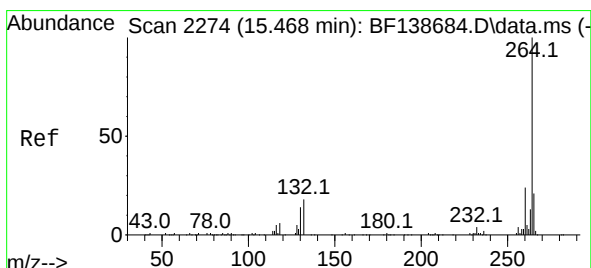
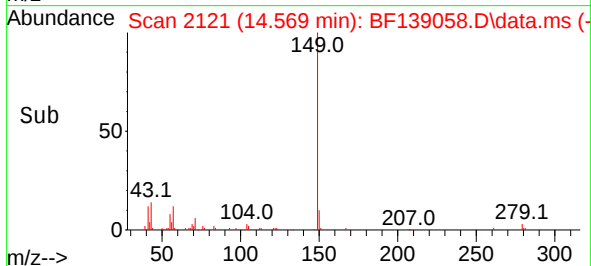
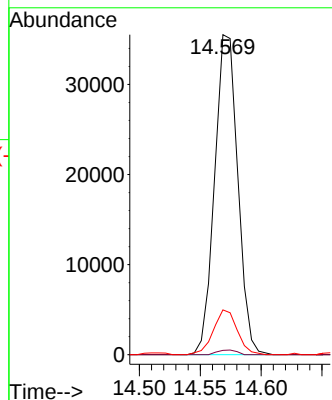
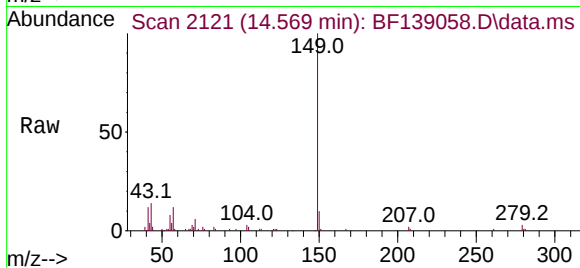
Tgt Ion:149 Resp: 47019

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

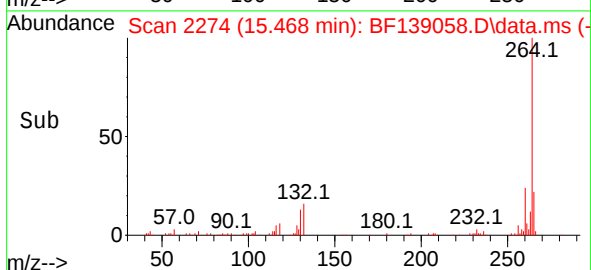
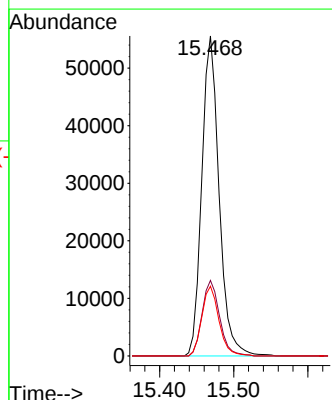
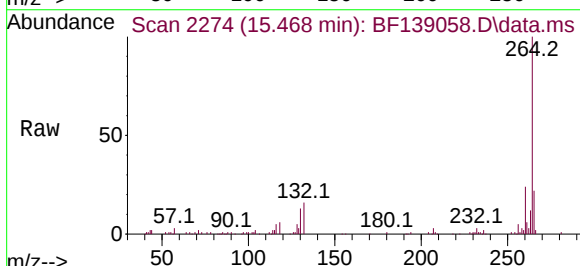
Tgt Ion:264 Resp: 90235

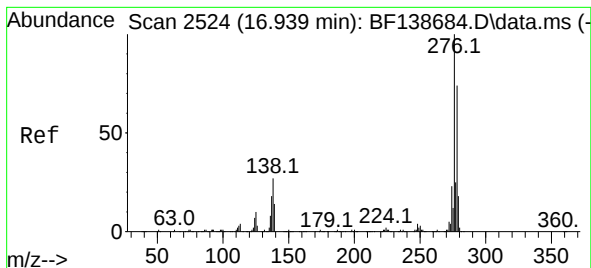
Ion Ratio Lower Upper

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# 2526

Delta R.T. 0.012 min

Lab File: BF139058.D

Acq: 16 Aug 2024 15:28

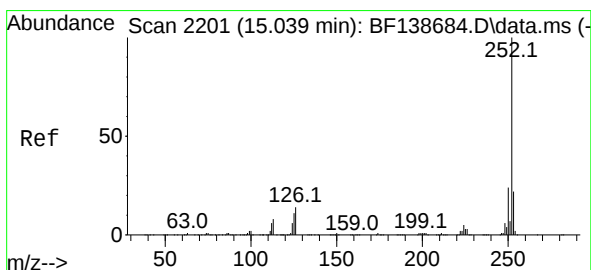
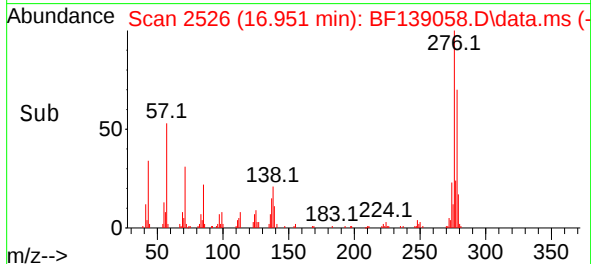
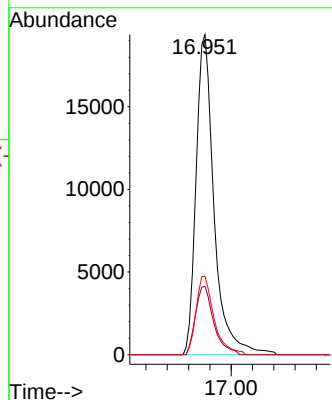
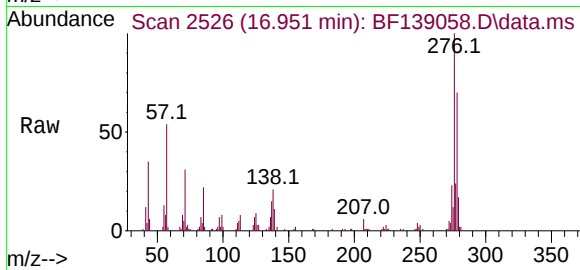
Instrument :

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

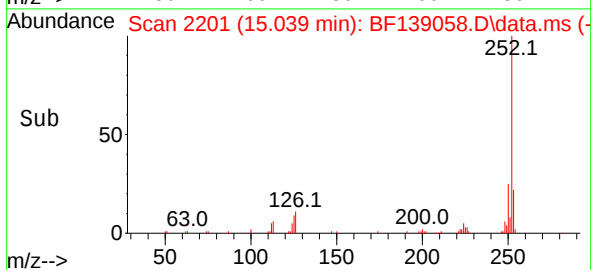
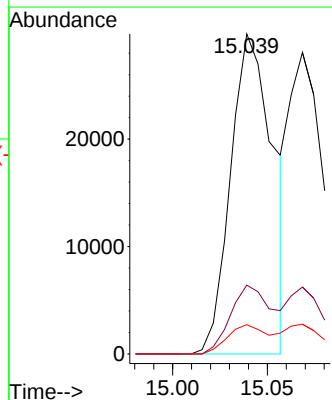
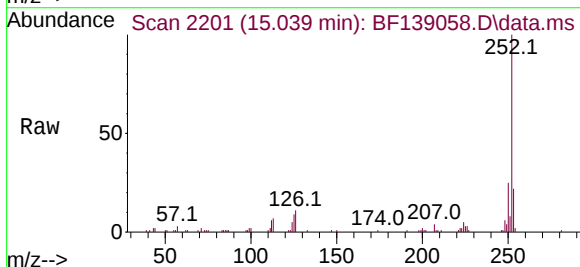
RT: 15.039 min Scan# 2201

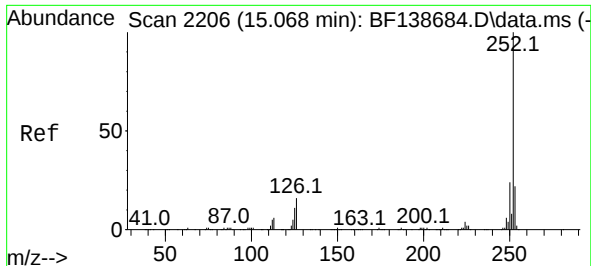
Delta R.T. 0.000 min

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# 2206

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

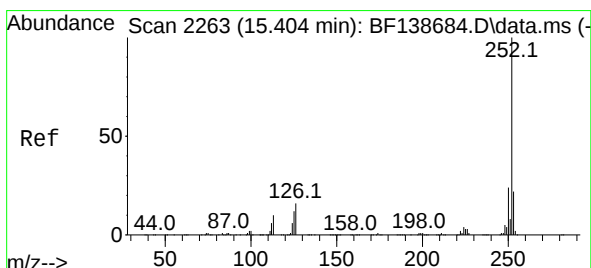
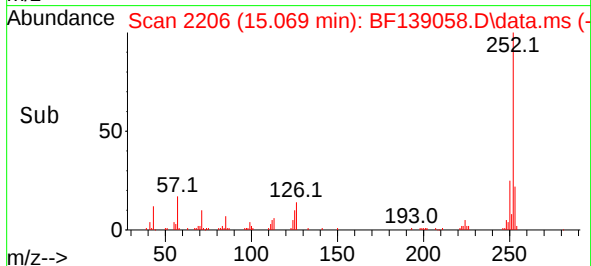
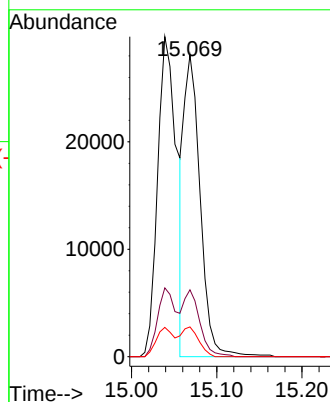
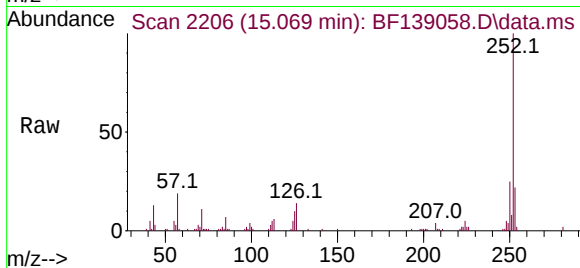
Tgt Ion:252 Resp: 37508

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

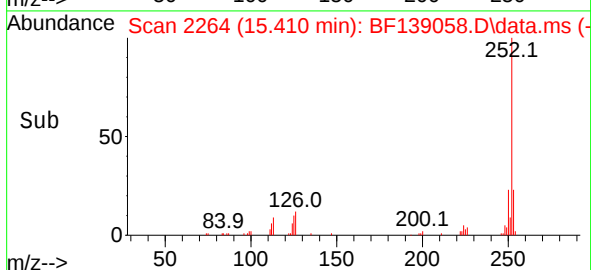
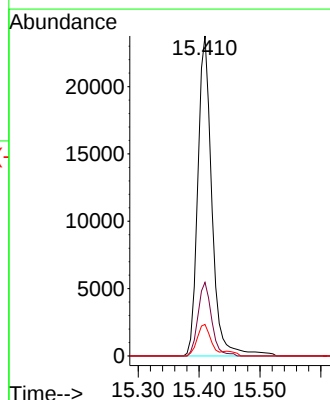
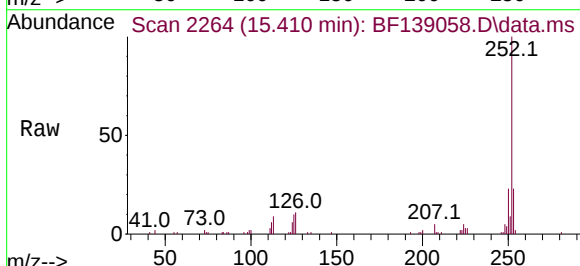
Tgt Ion:252 Resp: 38174

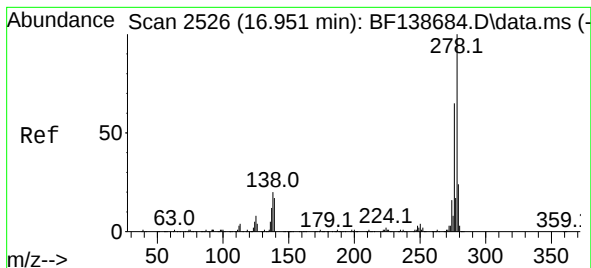
Ion Ratio Lower Upper

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# 2526

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

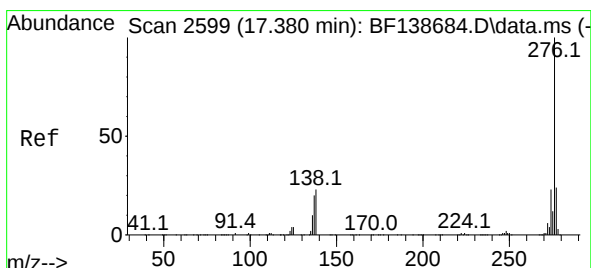
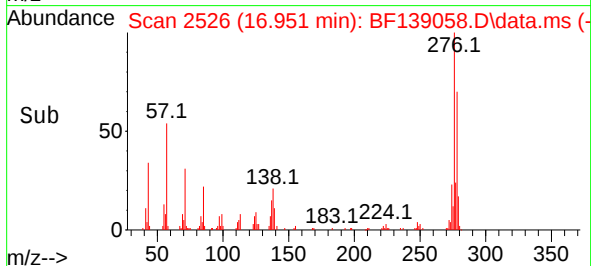
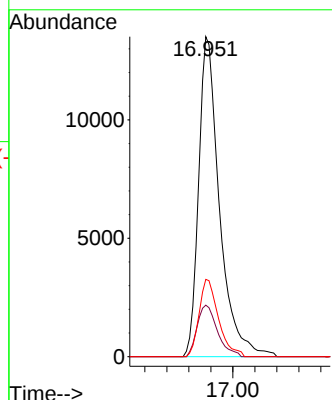
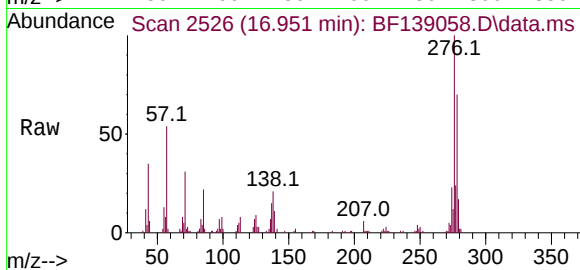
Tgt Ion:278 Resp: 35594

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

