

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
 Data File : BF139272.D
 Acq On : 06 Sep 2024 11:31
 Operator : RC/JU
 Sample : P2403-09
 Misc : MDL-MDL-WATER-04 ng
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Sep 06 12:15:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	117966	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	440766	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	237195	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	422039	20.000	ng	0.00
76) Chrysene-d12	14.045	240	212077	20.000	ng	0.00
86) Perylene-d12	15.521	264	202708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	819331	116.189	ng	0.00
7) Phenol-d6	6.516	99	1088523	115.629	ng	0.00
23) Nitrobenzene-d5	7.451	82	696496	82.206	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	240711	117.522	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1247691	81.198	ng	0.00
79) Terphenyl-d14	12.998	244	998641	76.028	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	13428	4.089	ng	99
3) Pyridine	3.475	79	29274	3.693	ng	95
4) n-Nitrosodimethylamine	3.369	42	19321	3.753	ng	# 97
6) Aniline	6.551	93	42907	4.956	ng	96
8) 2-Chlorophenol	6.669	128	31279	4.280	ng	# 69
9) Benzaldehyde	6.440	77	28412	4.986	ng	94
10) Phenol	6.528	94	41798	4.209	ng	# 77
11) bis(2-Chloroethyl)ether	6.622	93	30410	4.275	ng	100
12) 1,3-Dichlorobenzene	6.828	146	33672	4.071	ng	98
13) 1,4-Dichlorobenzene	6.904	146	33770	4.079	ng	98
14) 1,2-Dichlorobenzene	7.057	146	32156	4.164	ng	97
15) Benzyl Alcohol	7.022	79	37826	5.510	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	57896	4.275	ng	97
17) 2-Methylphenol	7.128	107	23376	3.916	ng	96
18) Hexachloroethane	7.398	117	12055	4.077	ng	95
19) n-Nitroso-di-n-propyla...	7.293	70	21925	4.044	ng	97
20) 3+4-Methylphenols	7.281	107	31805	4.227	ng	96
22) Acetophenone	7.293	105	45270	4.311	ng	93
24) Nitrobenzene	7.469	77	36720	4.083	ng	99
25) Isophorone	7.698	82	57332	3.958	ng	98
26) 2-Nitrophenol	7.781	139	12447	3.524	ng	96
27) 2,4-Dimethylphenol	7.816	122	19871	3.945	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	35414	4.104	ng	98
29) 2,4-Dichlorophenol	8.022	162	24068	3.991	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	27812	4.038	ng	99
31) Naphthalene	8.193	128	91680	4.107	ng	99
33) 4-Chloroaniline	8.240	127	33560	4.342	ng	97
34) Hexachlorobutadiene	8.310	225	16562	3.794	ng	99
35) Caprolactam	8.557	113	6420	3.438	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	25102	3.819	ng	97
37) 2-Methylnaphthalene	8.881	142	57770	4.137	ng	99
38) 1-Methylnaphthalene	8.981	142	54114	3.940	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	29022	4.325	ng	96
41) Hexachlorocyclopentadiene	9.034	237	7784	3.609	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	16626	3.787	ng	97
44) 2,4,5-Trichlorophenol	9.192	196	17165	3.731	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
 Data File : BF139272.D
 Acq On : 06 Sep 2024 11:31
 Operator : RC/JU
 Sample : P2403-09
 Misc : MDL-MDL-WATER-04 ng
 ALS Vial : 7 Sample Multiplier: 1

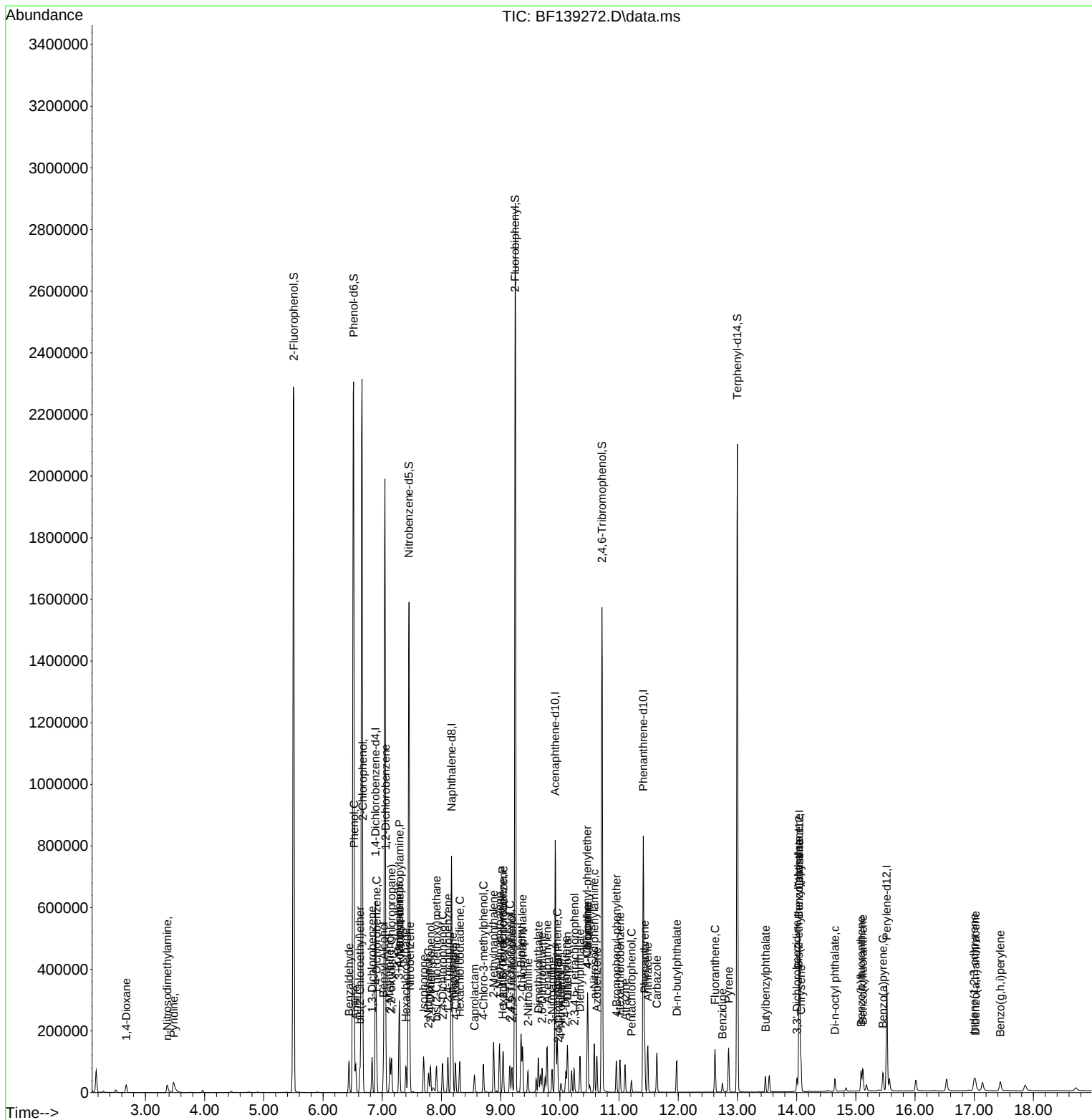
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2024

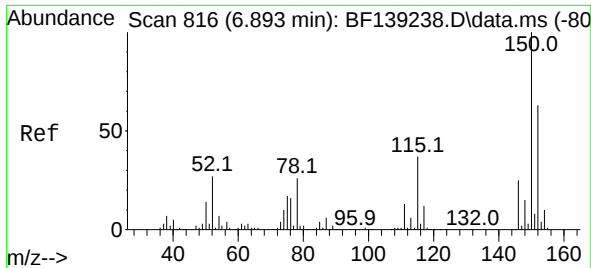
Quant Time: Sep 06 12:15:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.345	154	78858	4.487	ng	99
47) 2-Chloronaphthalene	9.369	162	54898	4.137	ng	99
48) 2-Nitroaniline	9.463	65	16322	3.571	ng	98
49) Acenaphthylene	9.787	152	88887	4.447	ng	99
50) Dimethylphthalate	9.639	163	59834	4.162	ng	100
51) 2,6-Dinitrotoluene	9.698	165	11173	3.426	ng	93
52) Acenaphthene	9.957	154	53283	4.019	ng	99
53) 3-Nitroaniline	9.869	138	12964	3.731	ng	# 95
54) 2,4-Dinitrophenol	9.975	184	1258	8.193	ng	# 1
55) Dibenzofuran	10.128	168	82406	4.336	ng	97
56) 4-Nitrophenol	10.022	139	6345	2.474	ng	98
57) 2,4-Dinitrotoluene	10.098	165	13719	3.305	ng	# 91
58) Fluorene	10.469	166	61972	4.206	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	13627	3.762	ng	# 99
60) Diethylphthalate	10.339	149	58580	4.141	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	30180	4.247	ng	96
62) 4-Nitroaniline	10.475	138	11027	3.334	ng	96
63) Azobenzene	10.622	77	61268	4.109	ng	98
66) n-Nitrosodiphenylamine	10.581	169	50981	4.150	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	16685	4.075	ng	95
68) Hexachlorobenzene	11.016	284	19778	4.219	ng	99
69) Atrazine	11.104	200	13886	4.899	ng	97
70) Pentachlorophenol	11.210	266	6525	2.410	ng	99
71) Phenanthrene	11.433	178	86359	4.380	ng	100
72) Anthracene	11.486	178	83434	4.332	ng	99
73) Carbazole	11.639	167	72185	4.010	ng	99
74) Di-n-butylphthalate	11.975	149	70828	3.843	ng	100
75) Fluoranthene	12.622	202	80230	4.059	ng	99
77) Benzidine	12.745	184	18160	4.253	ng	95
78) Pyrene	12.851	202	83865	4.094	ng	99
80) Butylbenzylphthalate	13.475	149	15136	3.138	ng	98
81) Benzo(a)anthracene	14.039	228	55096	4.068	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	13479	3.748	ng	100
83) Chrysene	14.074	228	49441	3.912	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	18087	3.195	ng	99
85) Di-n-octyl phthalate	14.645	149	26352	2.432	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.998	276	37469	2.959	ng	99
88) Benzo(b)fluoranthene	15.092	252	42516	3.642	ng	99
89) Benzo(k)fluoranthene	15.116	252	41278	3.944	ng	98
90) Benzo(a)pyrene	15.457	252	37915	3.825	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	28566	2.737	ng	98
92) Benzo(g,h,i)perylene	17.439	276	29339	2.724	ng	97

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

Quant Time: Sep 06 12:15:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

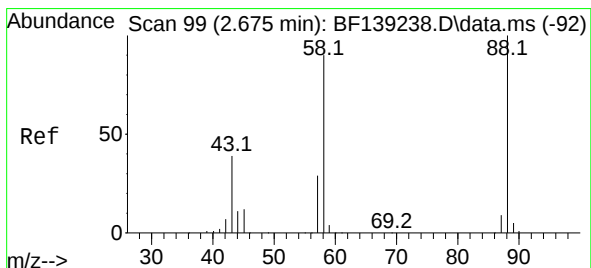
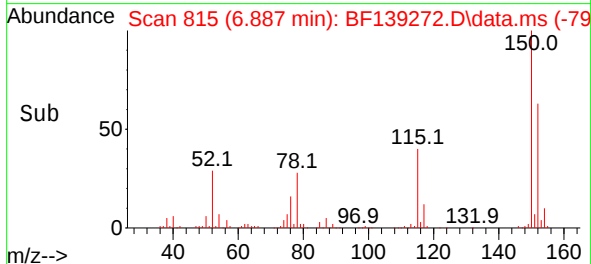
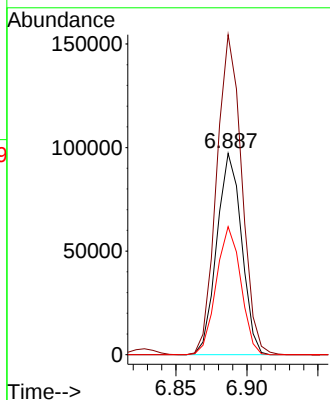
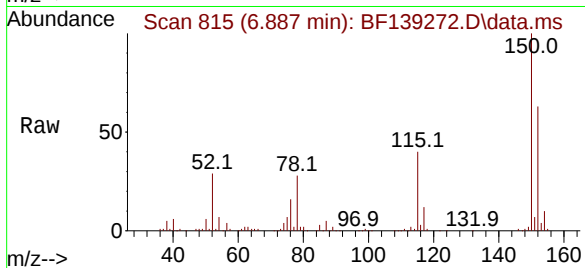




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF139272.D
 Acq: 06 Sep 2024 11:31

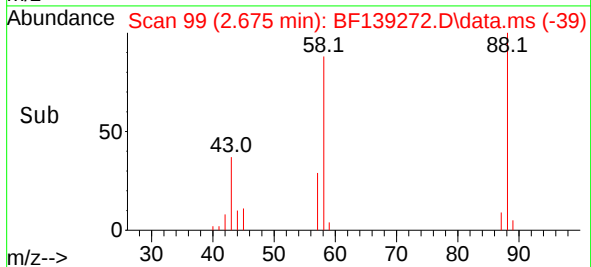
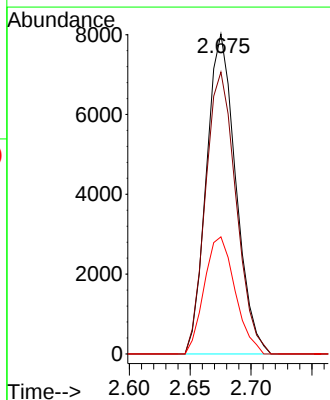
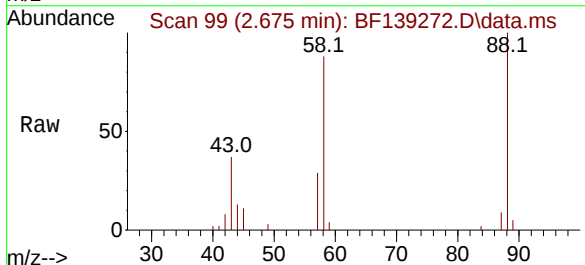
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2024

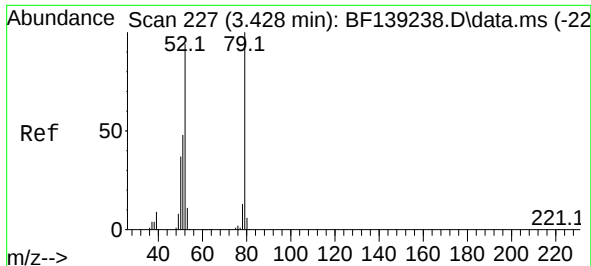
Tgt Ion:152 Resp: 117966
 Ion Ratio Lower Upper
 152 100
 150 158.9 127.0 190.4
 115 63.6 46.9 70.3



#2
 1,4-Dioxane
 Concen: 4.089 ng
 RT: 2.675 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: BF139272.D
 Acq: 06 Sep 2024 11:31

Tgt Ion: 88 Resp: 13428
 Ion Ratio Lower Upper
 88 100
 58 91.6 72.5 108.7
 43 38.4 31.4 47.2





#3

Pyridine

Concen: 3.693 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

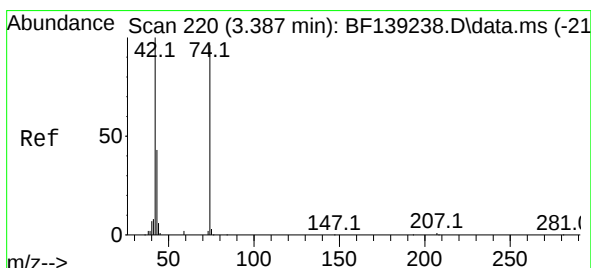
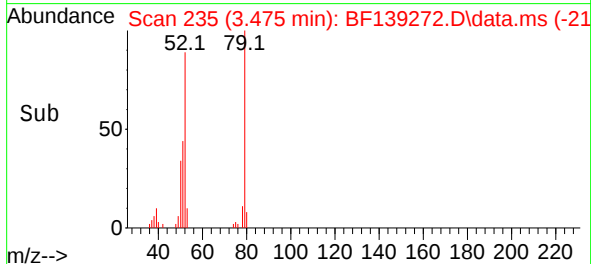
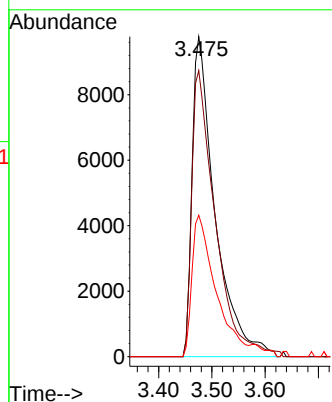
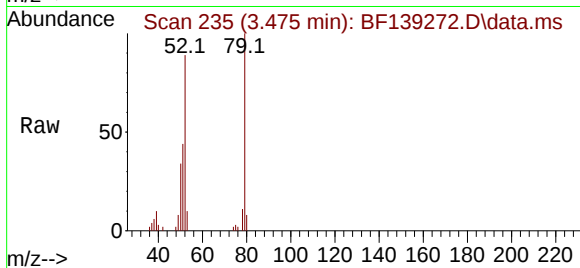
Tgt Ion: 79 Resp: 29274

Ion Ratio Lower Upper

79 100

52 89.4 75.3 112.9

51 44.2 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 3.753 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.018 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

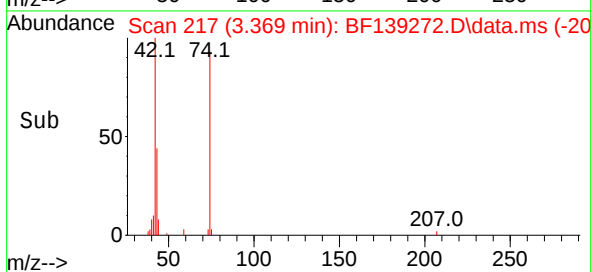
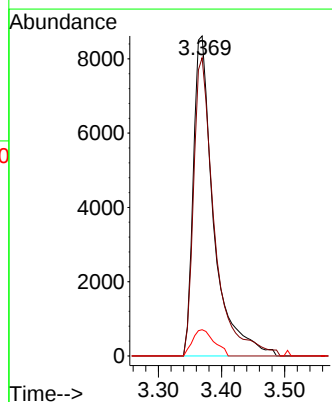
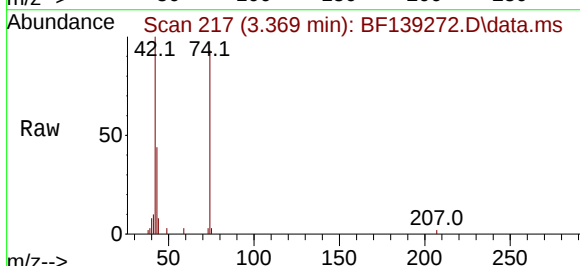
Tgt Ion: 42 Resp: 19321

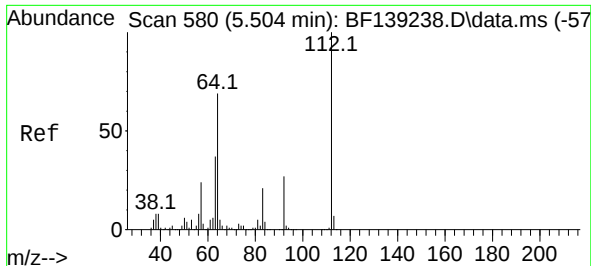
Ion Ratio Lower Upper

42 100

74 93.2 77.2 115.8

44 8.2 5.1 7.7#

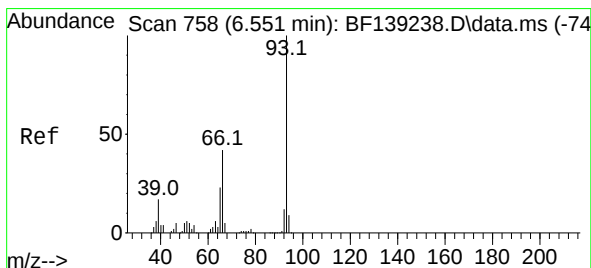
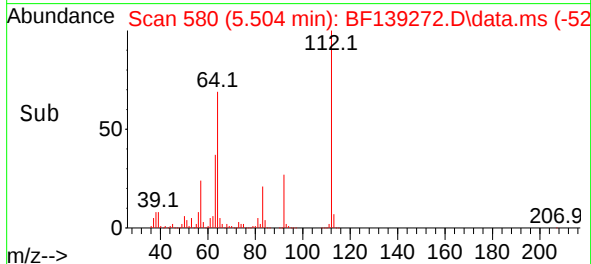
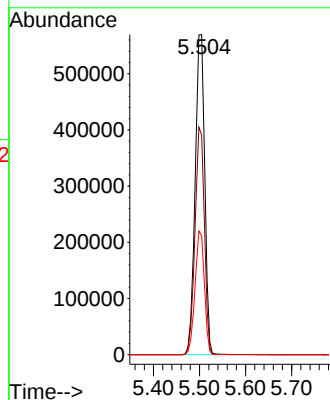
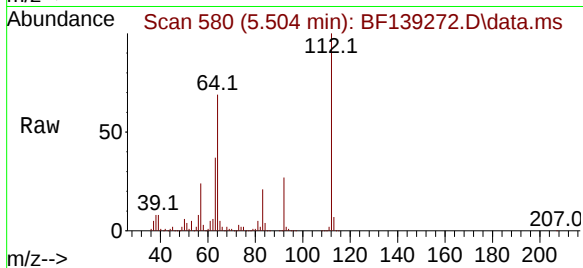




#5
2-Fluorophenol
Concen: 116.189 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

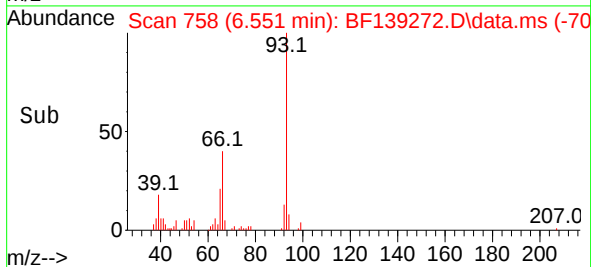
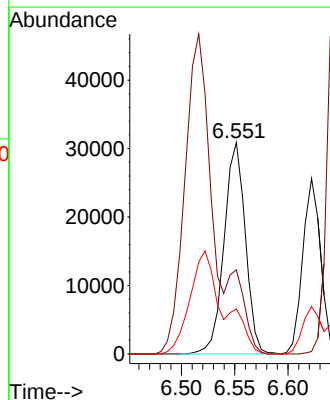
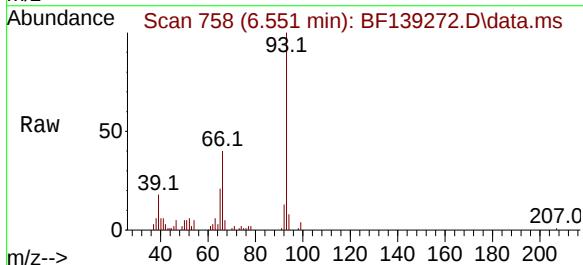
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

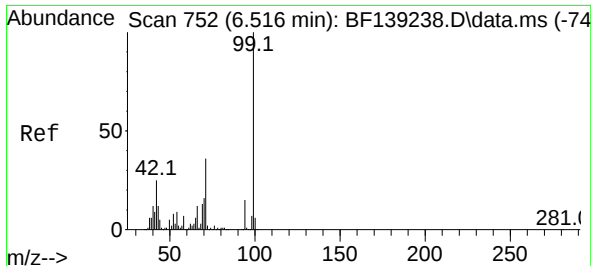
Tgt Ion:112 Resp: 819331
Ion Ratio Lower Upper
112 100
64 68.7 55.0 82.4
63 37.1 29.9 44.9



#6
Aniline
Concen: 4.956 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion: 93 Resp: 42907
Ion Ratio Lower Upper
93 100
66 39.8 34.4 51.6
65 21.3 18.2 27.4

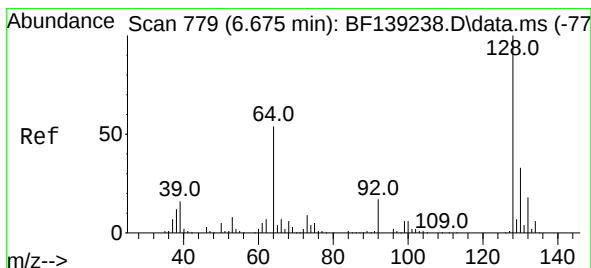
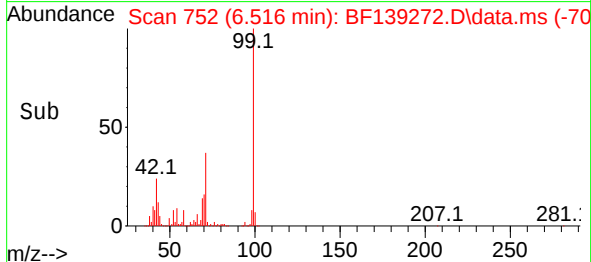
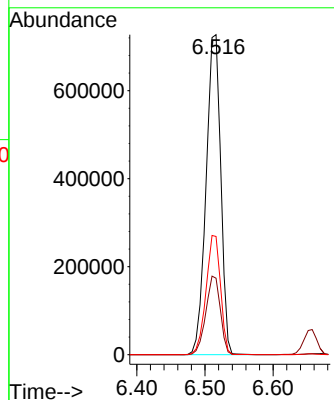
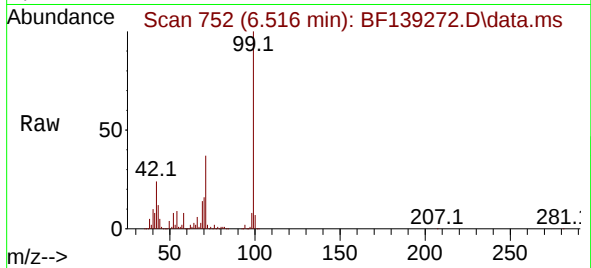




#7
Phenol-d6
Concen: 115.629 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

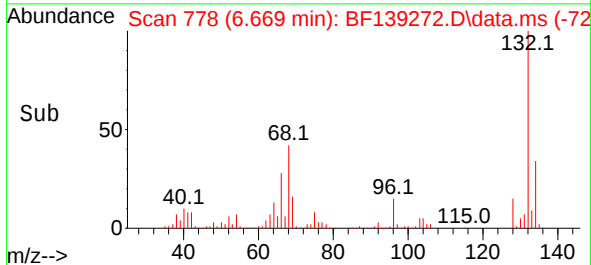
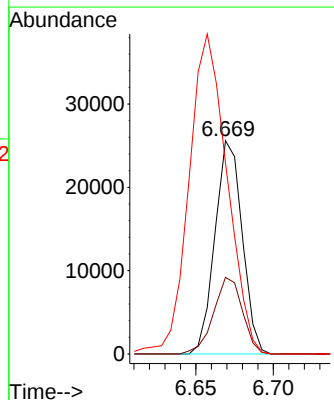
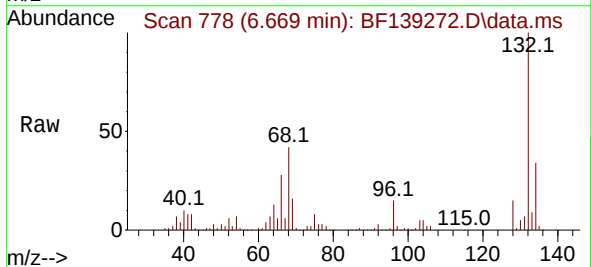
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

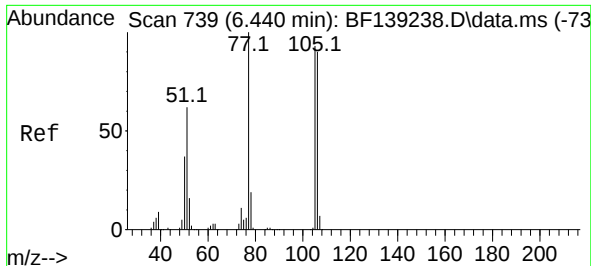
Tgt Ion: 99 Resp: 1088523
Ion Ratio Lower Upper
99 100
42 23.9 19.8 29.6
71 36.9 28.8 43.2



#8
2-Chlorophenol
Concen: 4.280 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion:128 Resp: 31279
Ion Ratio Lower Upper
128 100
130 35.9 12.7 52.7
64 89.7 36.6 76.6#

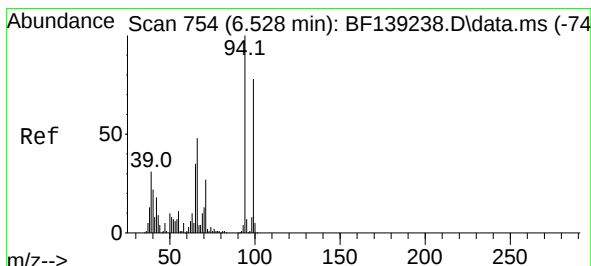
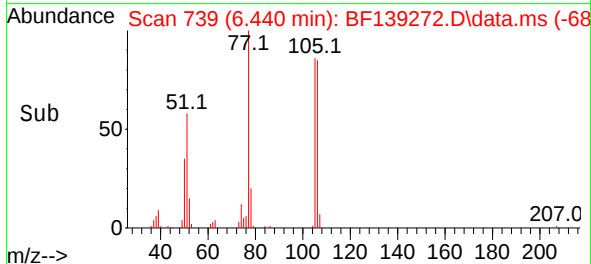
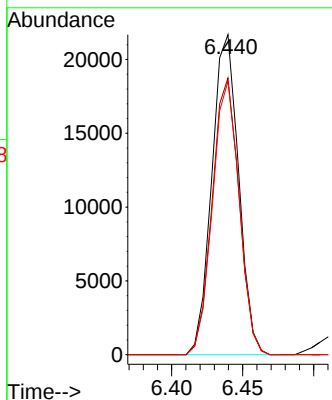
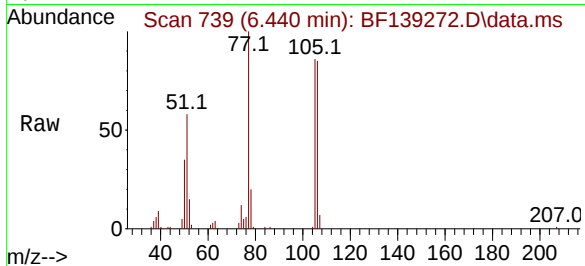




#9
Benzaldehyde
Concen: 4.986 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

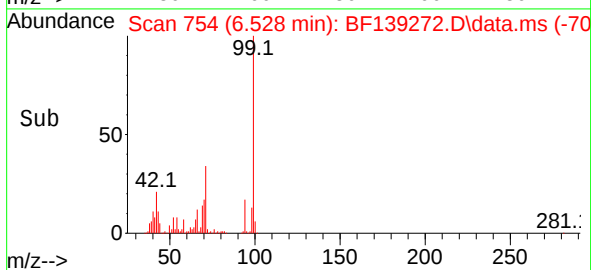
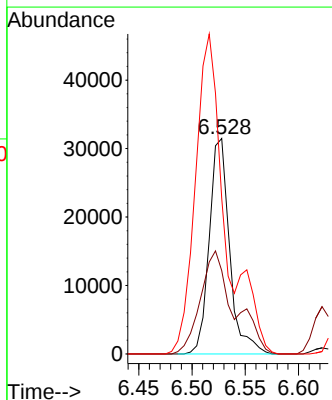
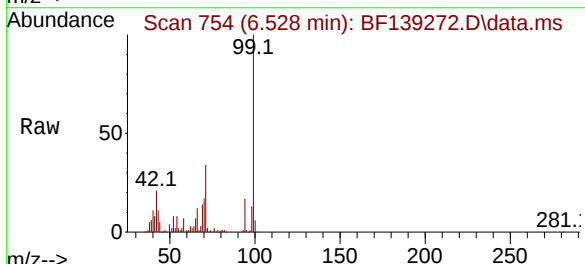
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

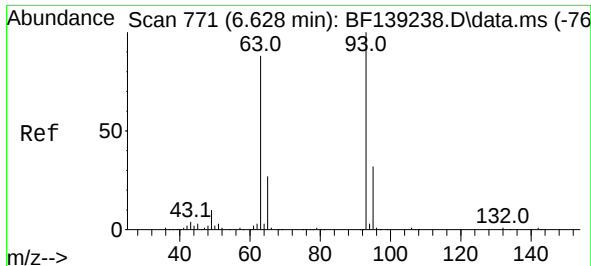
Tgt Ion: 77 Resp: 28412
Ion Ratio Lower Upper
77 100
105 86.5 72.9 112.9
106 85.5 69.6 109.6



#10
Phenol
Concen: 4.209 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion: 94 Resp: 41798
Ion Ratio Lower Upper
94 100
65 38.7 14.7 54.7
66 72.3 28.5 68.5#

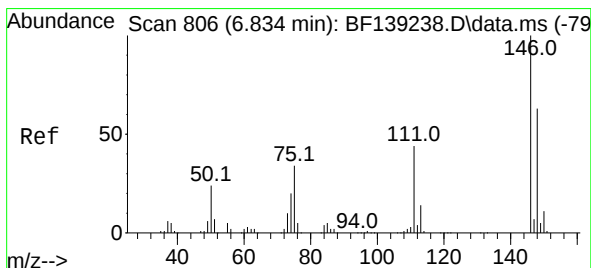
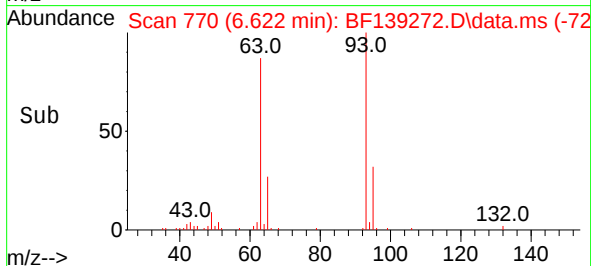
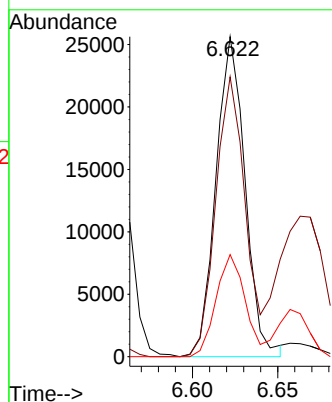
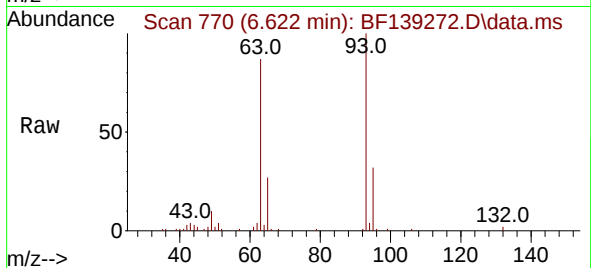




#11
bis(2-Chloroethyl)ether
Concen: 4.275 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

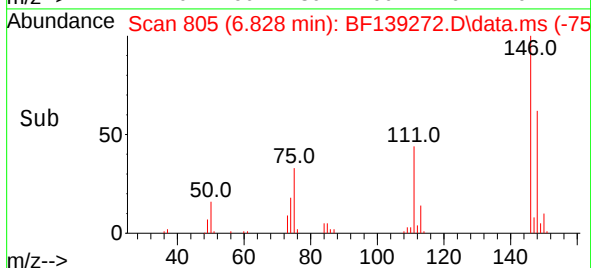
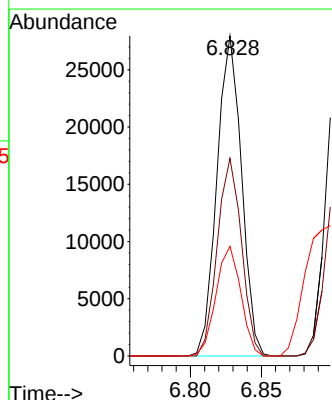
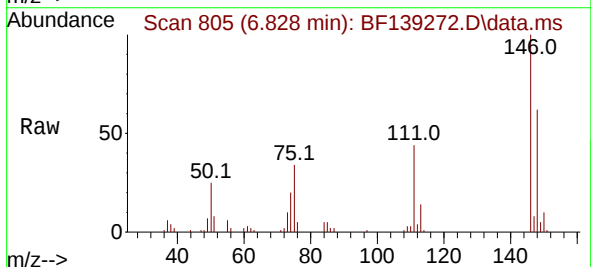
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

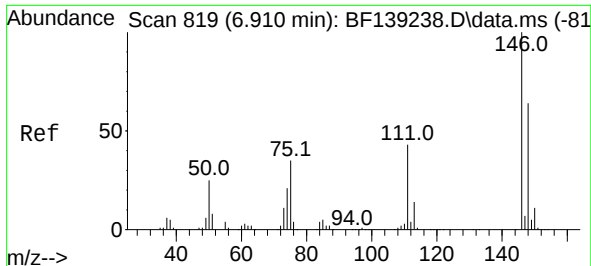
Tgt Ion: 93 Resp: 30410
Ion Ratio Lower Upper
93 100
63 87.5 67.1 107.1
95 31.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 4.071 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion: 146 Resp: 33672
Ion Ratio Lower Upper
146 100
148 61.7 50.8 76.2
75 34.2 27.3 40.9

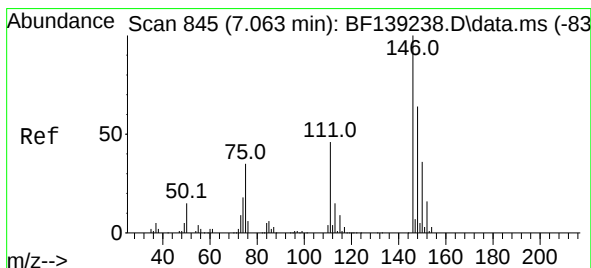
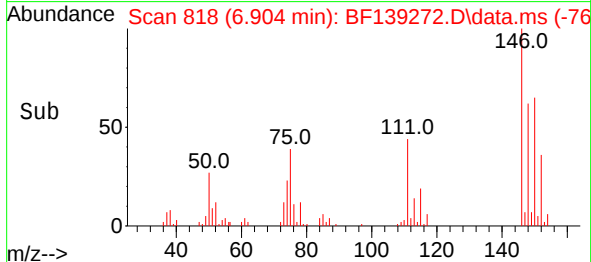
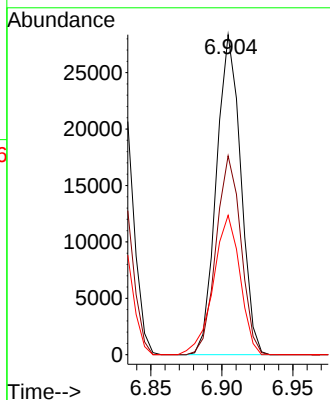
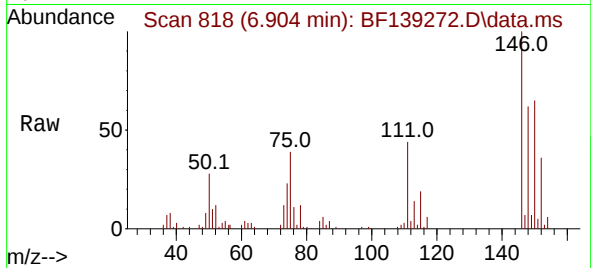




#13
1,4-Dichlorobenzene
Concen: 4.079 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

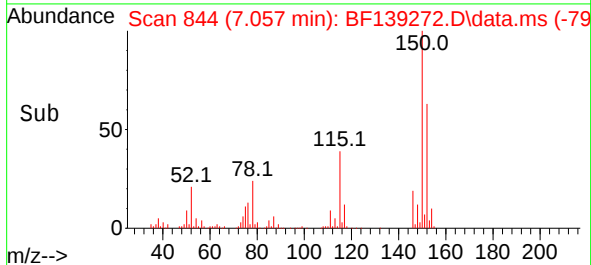
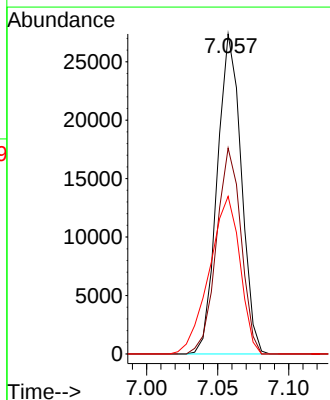
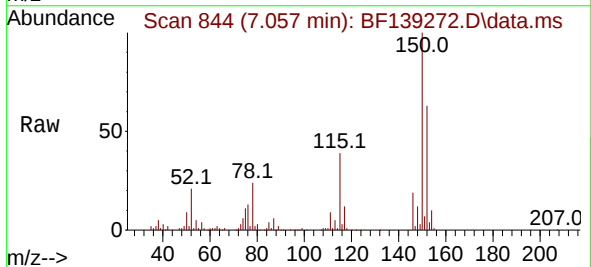
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

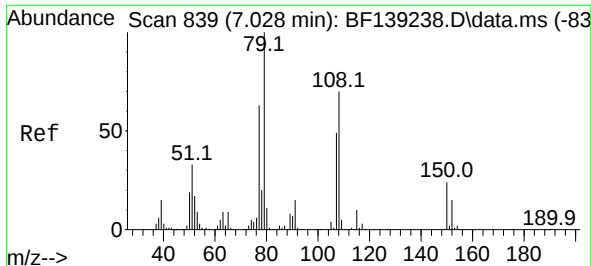
Tgt Ion:146 Resp: 33770
Ion Ratio Lower Upper
146 100
148 62.2 51.2 76.8
111 43.5 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 4.164 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion:146 Resp: 32156
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
111 49.2 36.6 55.0

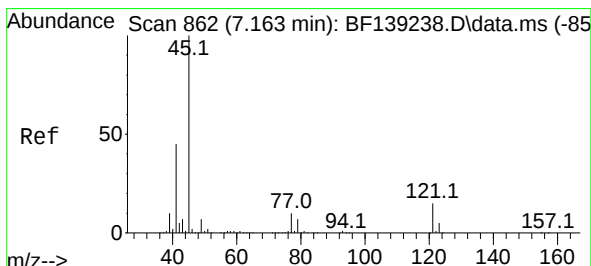
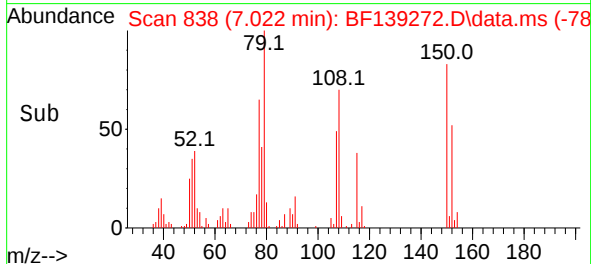
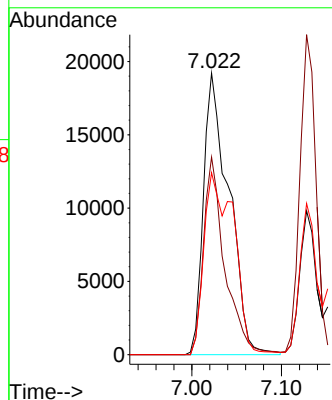
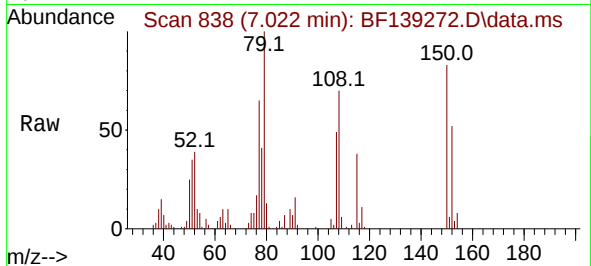




#15
Benzyl Alcohol
Concen: 5.510 ng
RT: 7.022 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

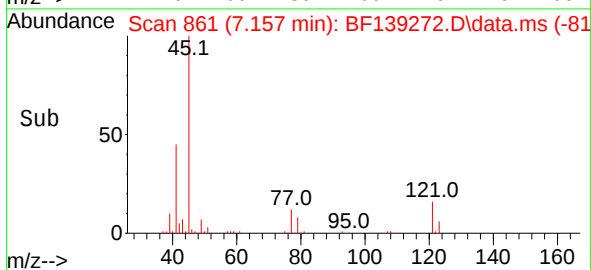
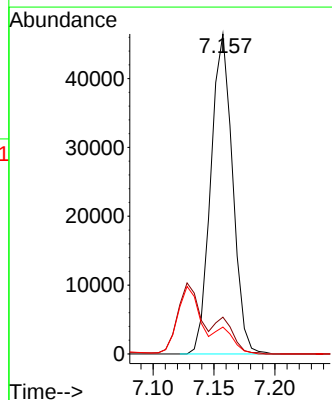
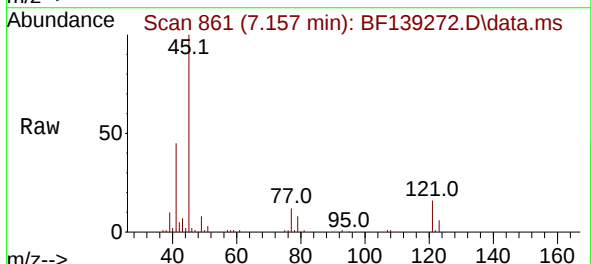
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

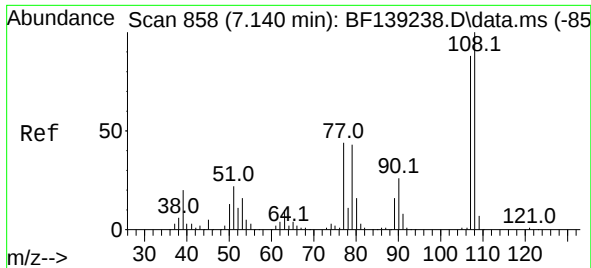
Tgt Ion: 79 Resp: 37826
Ion Ratio Lower Upper
79 100
108 70.2 56.1 84.1
77 64.6 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.275 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion: 45 Resp: 57896
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.0
79 8.4 0.0 27.6

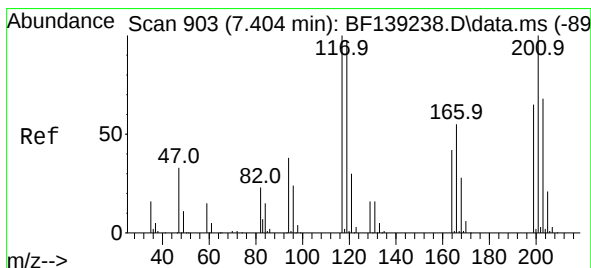
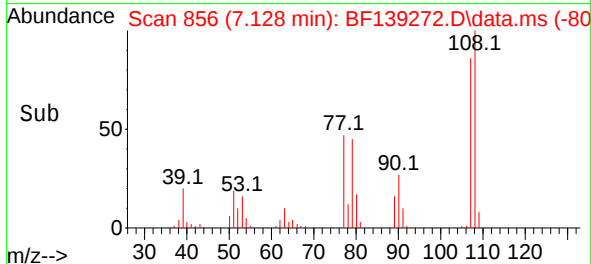
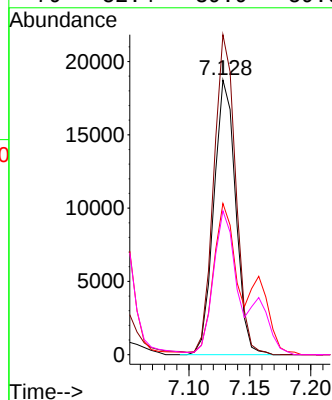
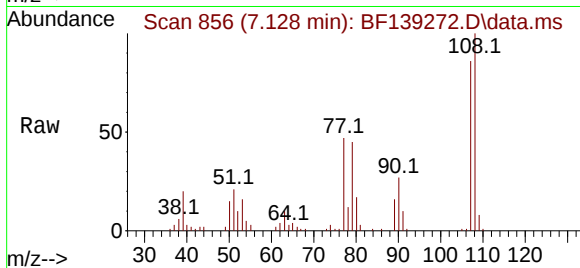




#17
2-Methylphenol
Concen: 3.916 ng
RT: 7.128 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

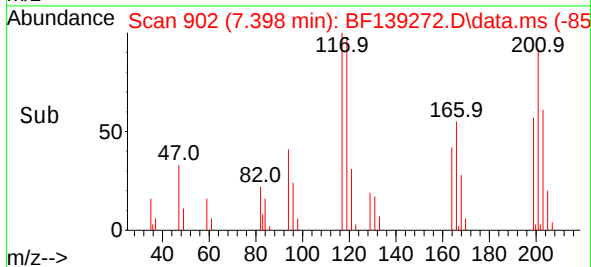
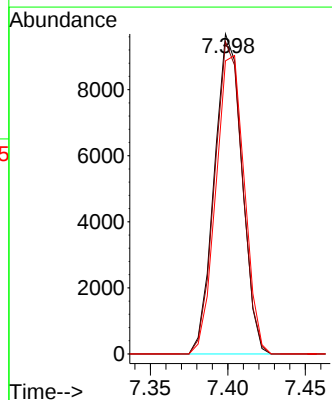
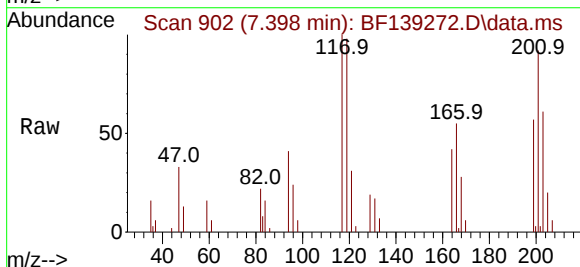
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

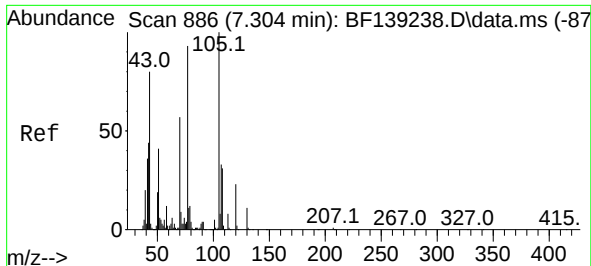
Tgt Ion:	107	Resp:	23376
Ion	Ratio	Lower	Upper
107	100		
108	116.5	91.4	137.2
77	55.0	40.1	60.1
79	52.4	39.9	59.9



#18
Hexachloroethane
Concen: 4.077 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion:	117	Resp:	12055
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.4	116.2
201	91.6	80.0	120.0





#19

n-Nitroso-di-n-propylamine

Concen: 4.044 ng

RT: 7.293 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 70 Resp: 21925

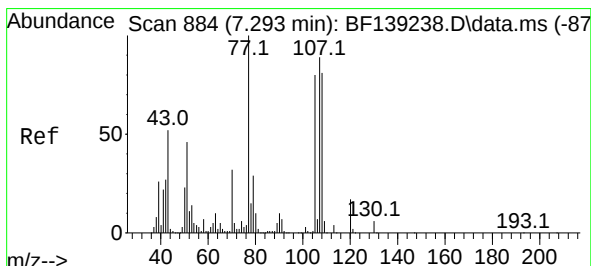
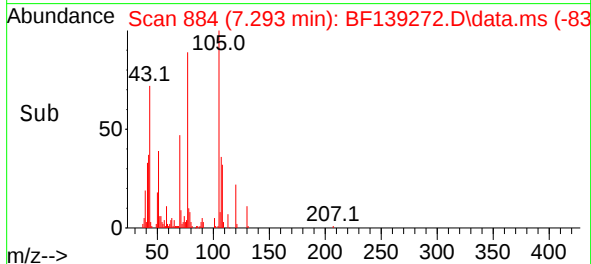
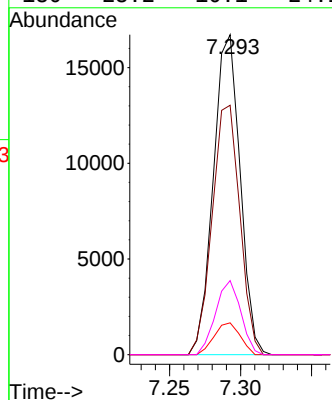
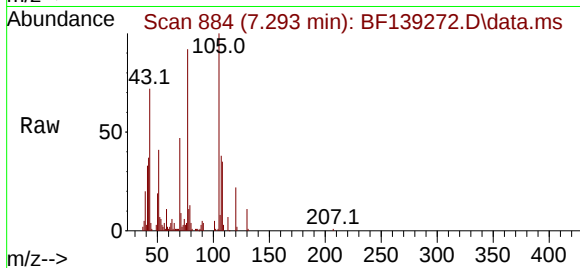
Ion Ratio Lower Upper

70 100

42 77.9 61.0 91.6

101 10.0 7.2 10.8

130 23.2 16.1 24.1



#20

3+4-Methylphenols

Concen: 4.227 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Tgt Ion: 107 Resp: 31805

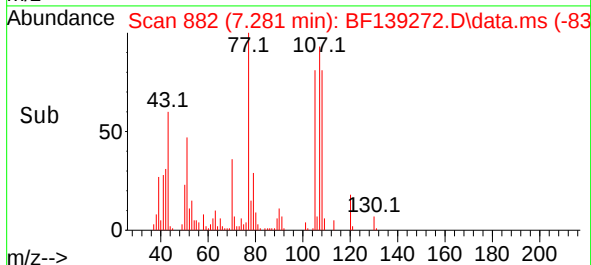
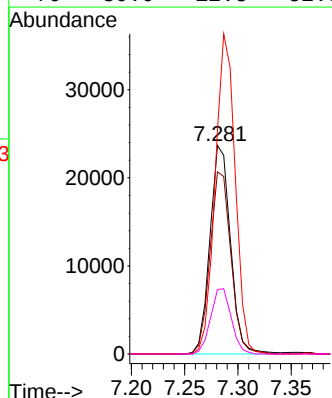
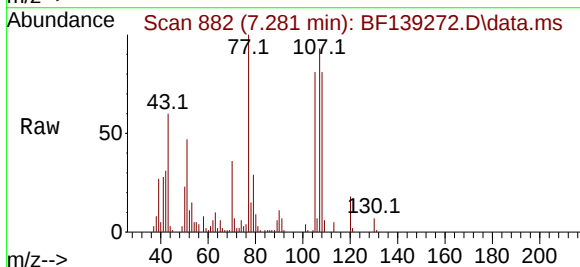
Ion Ratio Lower Upper

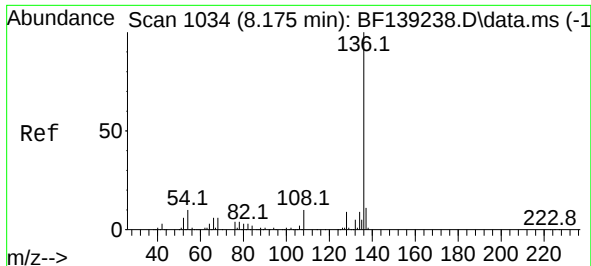
107 100

108 87.4 70.4 110.4

77 107.5 92.2 132.2

79 30.9 12.8 52.8

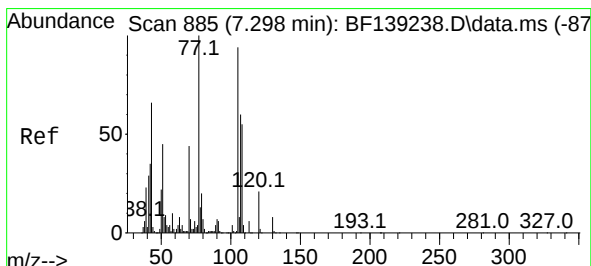
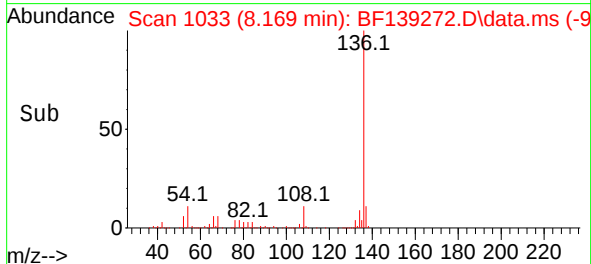
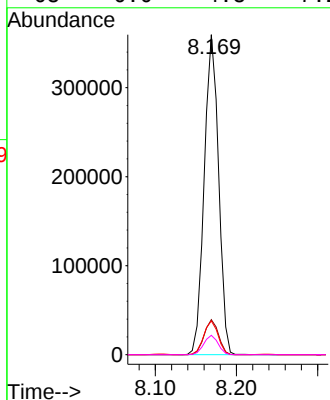
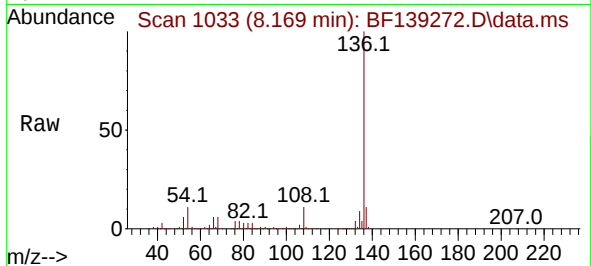




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

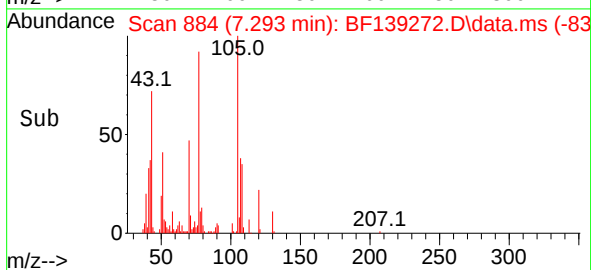
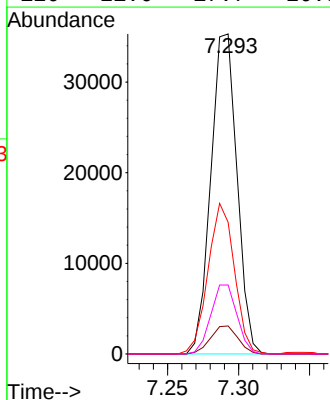
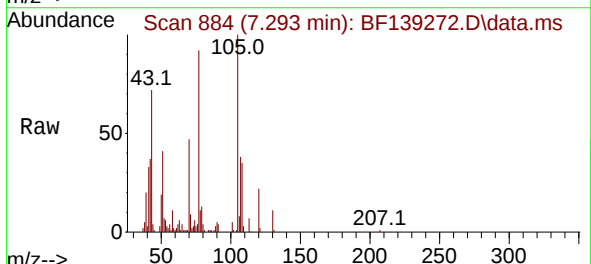
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

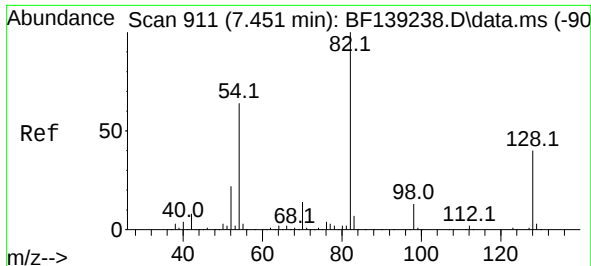
Tgt Ion:136 Resp: 440766
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.6 8.4 12.6
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 4.311 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion:105 Resp: 45270
Ion Ratio Lower Upper
105 100
71 8.8 6.2 9.2
51 41.1 38.2 57.2
120 21.6 17.7 26.5





#23

Nitrobenzene-d5

Concen: 82.206 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

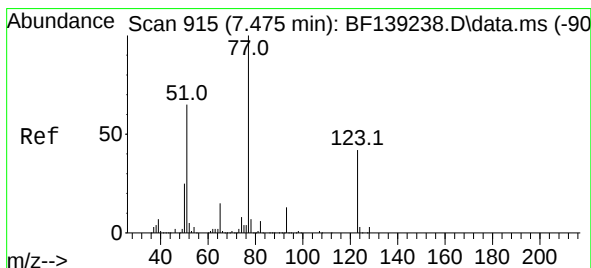
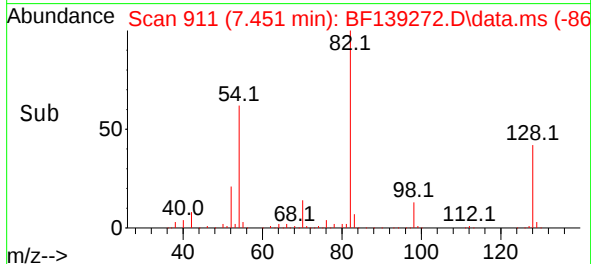
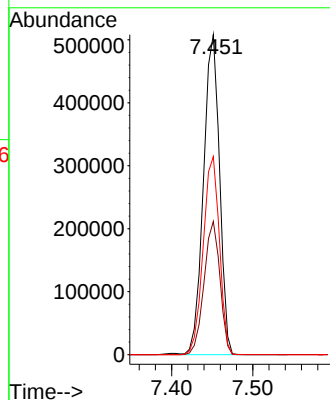
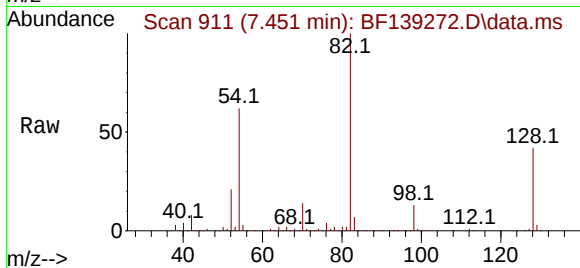
Tgt Ion: 82 Resp: 696496

Ion Ratio Lower Upper

82 100

128 41.6 32.3 48.5

54 61.9 51.2 76.8



#24

Nitrobenzene

Concen: 4.083 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

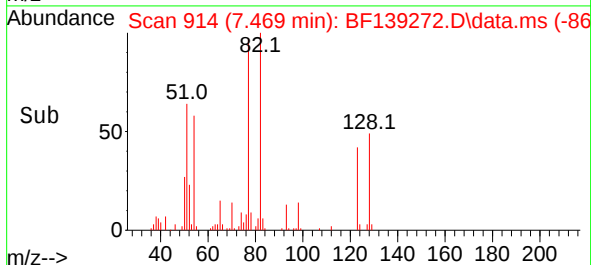
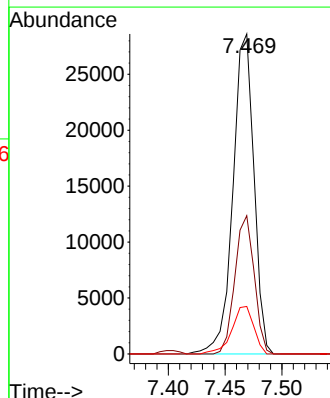
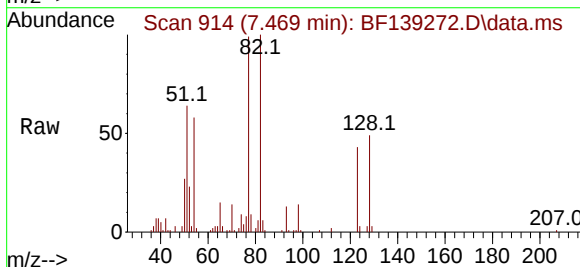
Tgt Ion: 77 Resp: 36720

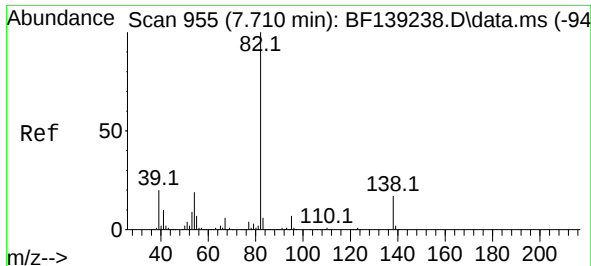
Ion Ratio Lower Upper

77 100

123 43.2 34.0 51.0

65 14.8 12.1 18.1

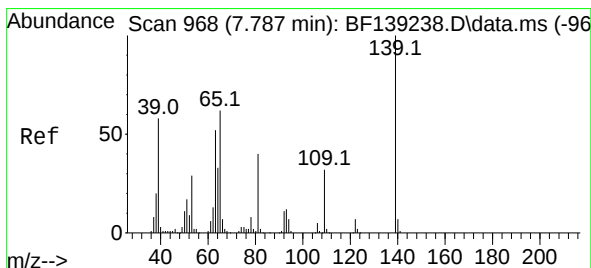
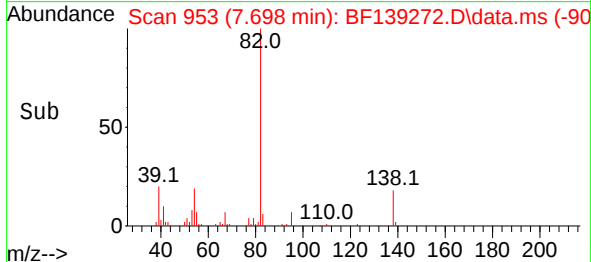
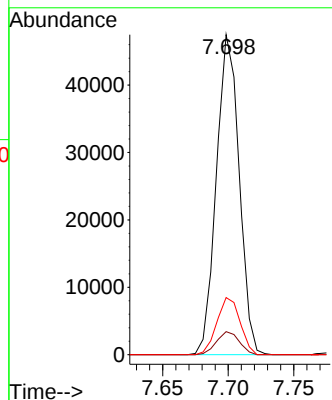
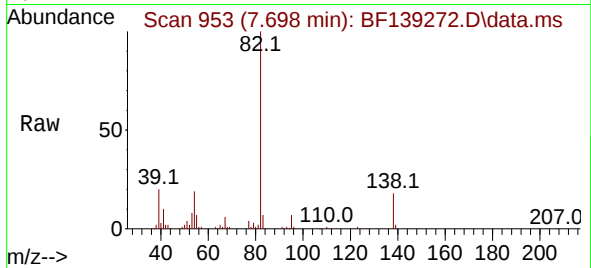




#25
Isophorone
Concen: 3.958 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.012 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

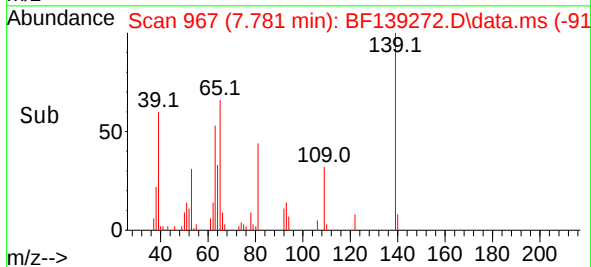
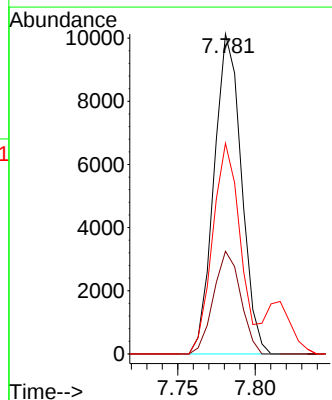
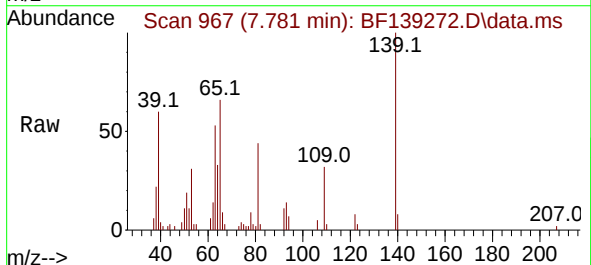
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

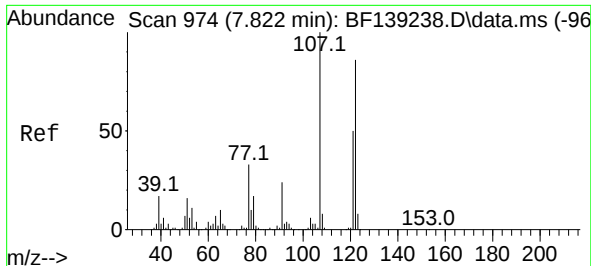
Tgt Ion: 82 Resp: 57332
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 17.9 13.4 20.0



#26
2-Nitrophenol
Concen: 3.524 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion:139 Resp: 12447
Ion Ratio Lower Upper
139 100
109 32.1 25.4 38.2
65 65.9 49.4 74.2

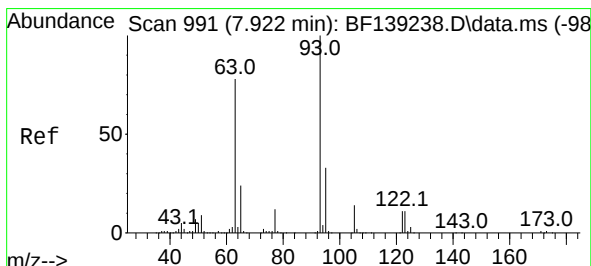
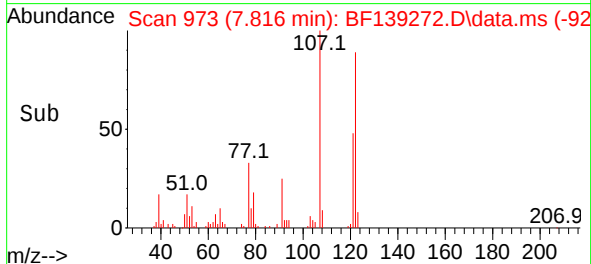
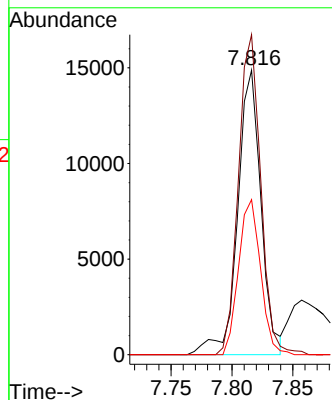
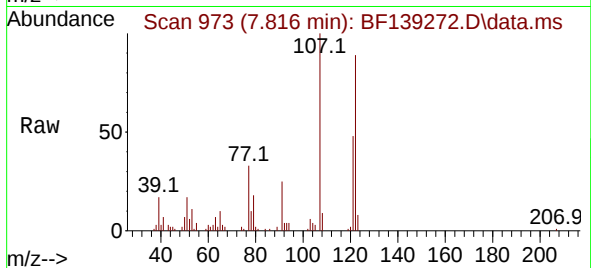




#27
2,4-Dimethylphenol
Concen: 3.945 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

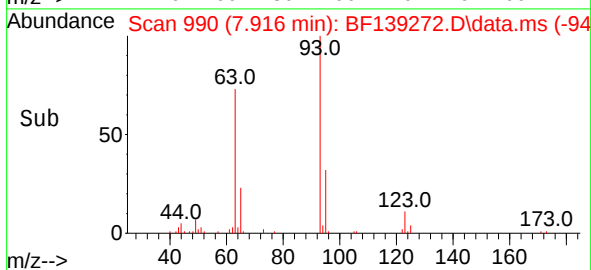
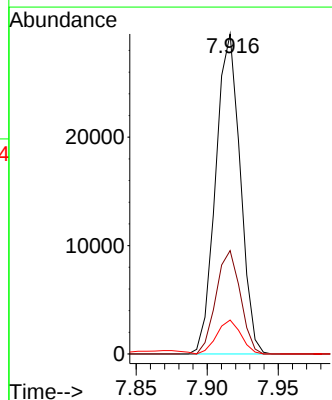
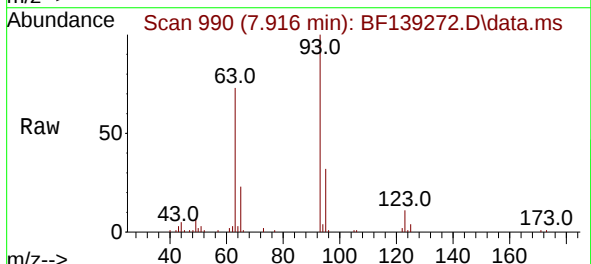
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

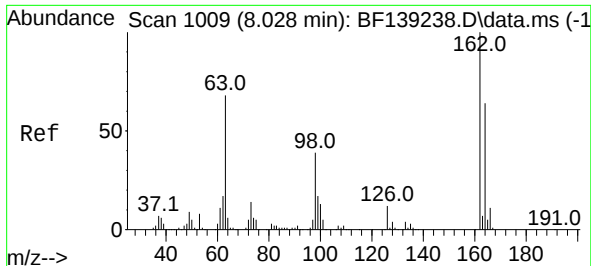
Tgt Ion:122 Resp: 19871
Ion Ratio Lower Upper
122 100
107 112.5 93.4 140.2
121 54.5 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 4.104 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion: 93 Resp: 35414
Ion Ratio Lower Upper
93 100
95 32.3 26.6 40.0
123 10.6 9.6 14.4

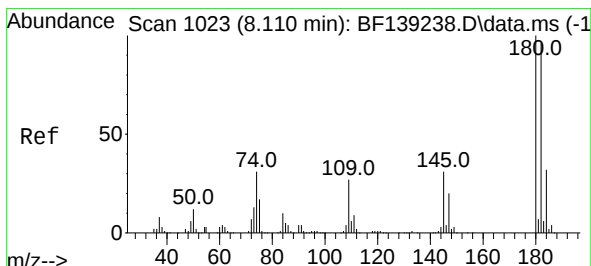
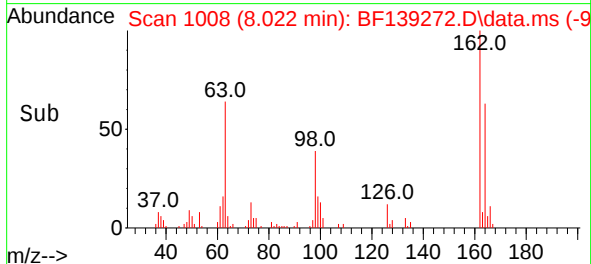
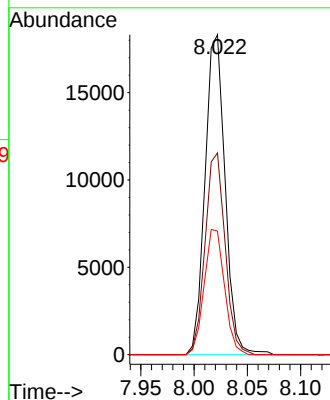
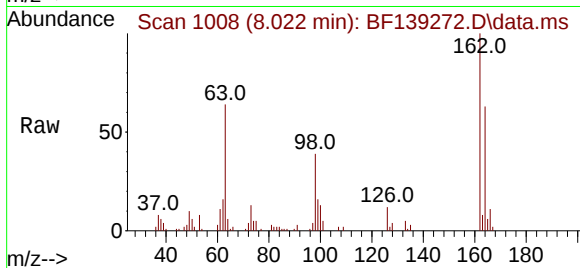




#29
2,4-Dichlorophenol
Concen: 3.991 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

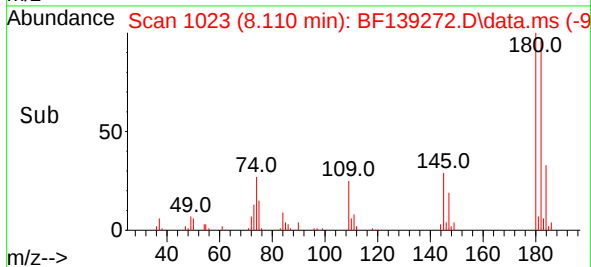
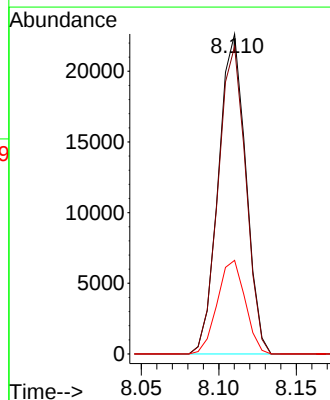
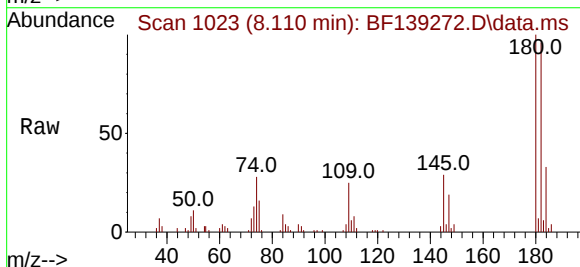
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

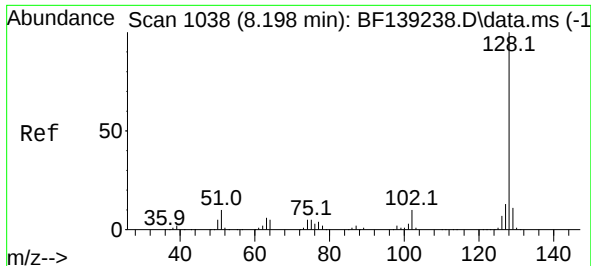
Tgt Ion:162 Resp: 24068
Ion Ratio Lower Upper
162 100
164 63.1 43.6 83.6
98 38.6 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 4.038 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion:180 Resp: 27812
Ion Ratio Lower Upper
180 100
182 96.1 76.5 114.7
145 29.2 25.1 37.7





#31

Naphthalene

Concen: 4.107 ng

RT: 8.193 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

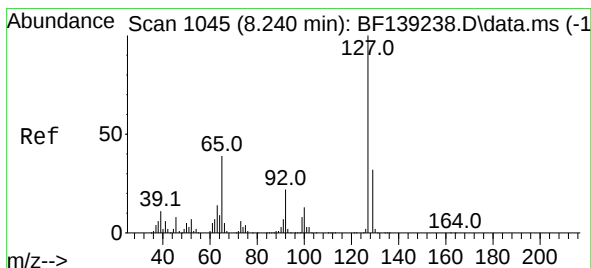
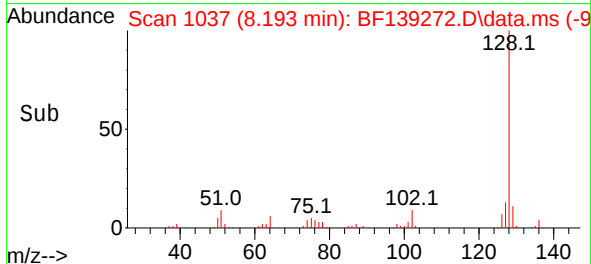
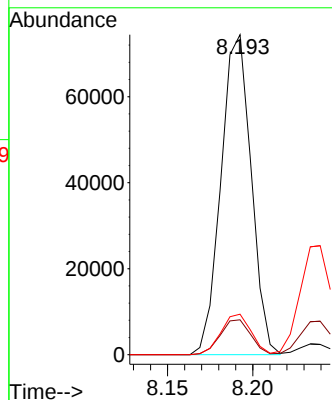
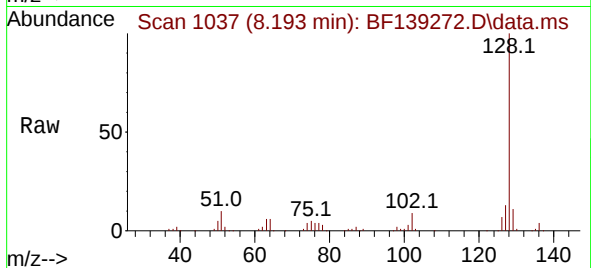
Tgt Ion:128 Resp: 91680

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 12.7 10.6 15.8



#33

4-Chloroaniline

Concen: 4.342 ng

RT: 8.240 min Scan# 1045

Delta R.T. -0.000 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Tgt Ion:127 Resp: 33560

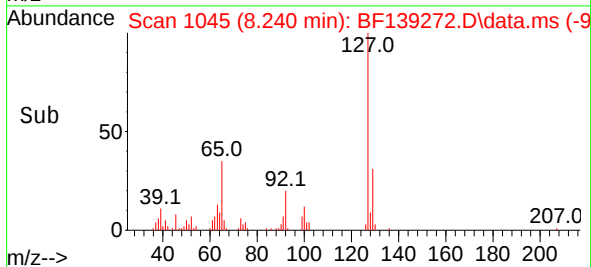
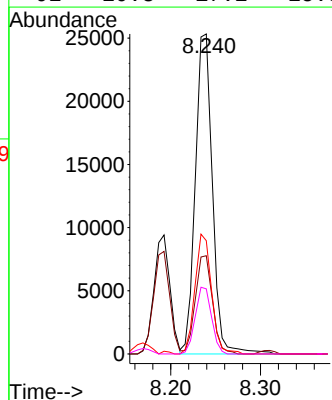
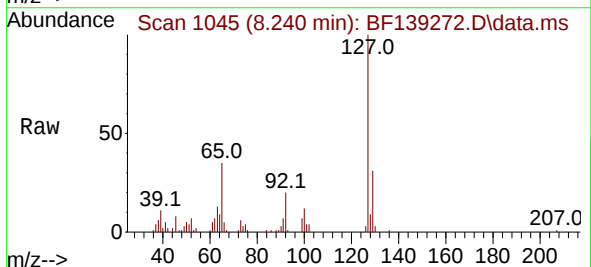
Ion Ratio Lower Upper

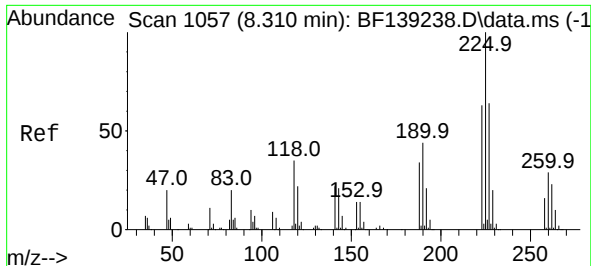
127 100

129 30.7 25.8 38.6

65 35.4 30.6 45.8

92 20.3 17.2 25.8





#34

Hexachlorobutadiene

Concen: 3.794 ng

RT: 8.310 min Scan# 1099

Delta R.T. -0.000 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

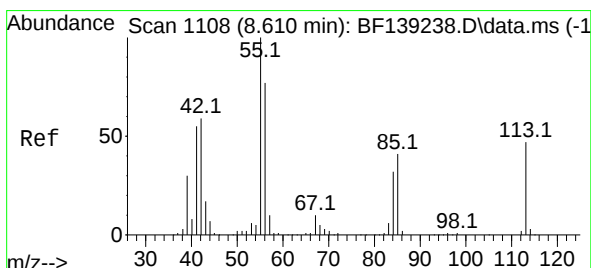
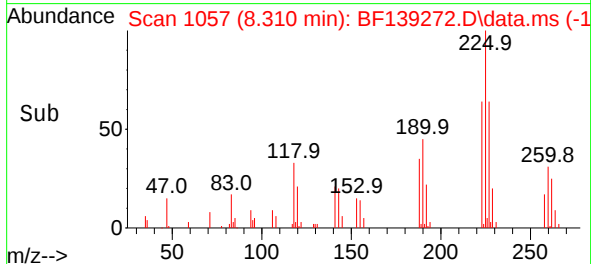
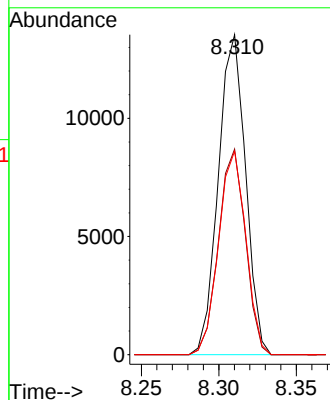
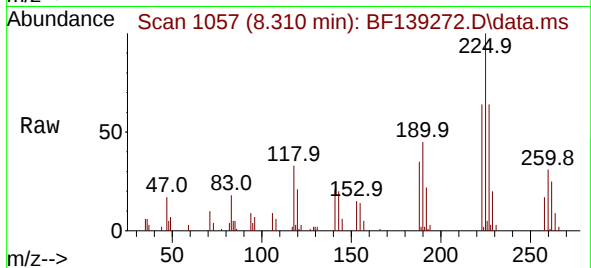
Tgt Ion:225 Resp: 16562

Ion Ratio Lower Upper

225 100

223 64.3 50.7 76.1

227 63.6 51.5 77.3



#35

Caprolactam

Concen: 3.438 ng

RT: 8.557 min Scan# 1099

Delta R.T. -0.053 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

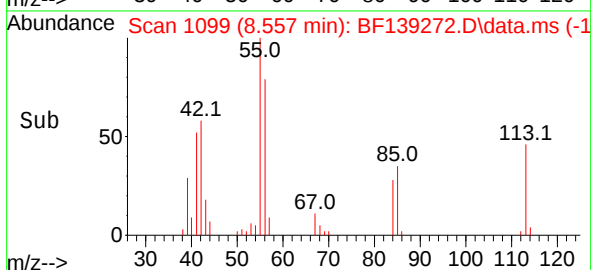
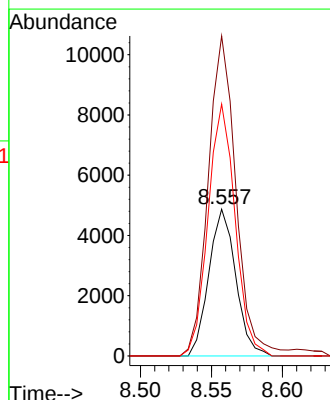
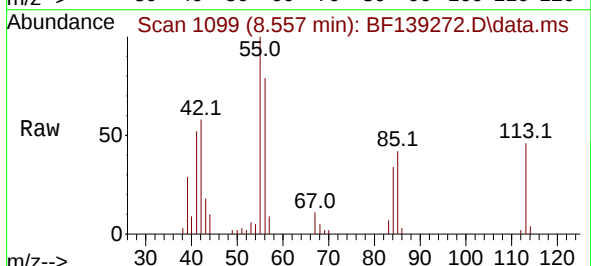
Tgt Ion:113 Resp: 6420

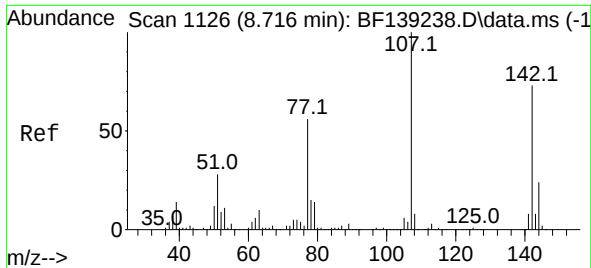
Ion Ratio Lower Upper

113 100

55 218.2 193.7 233.7

56 171.7 145.0 185.0

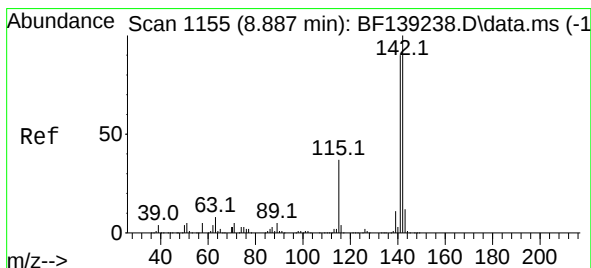
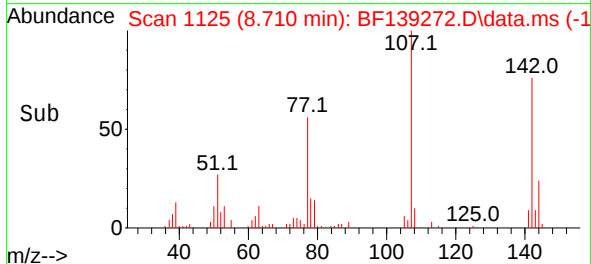
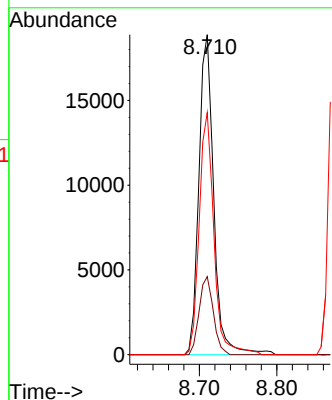
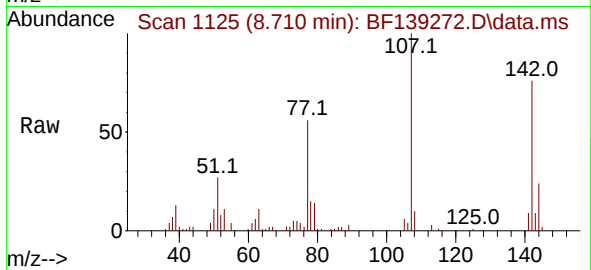




#36
4-Chloro-3-methylphenol
Concen: 3.819 ng
RT: 8.710 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

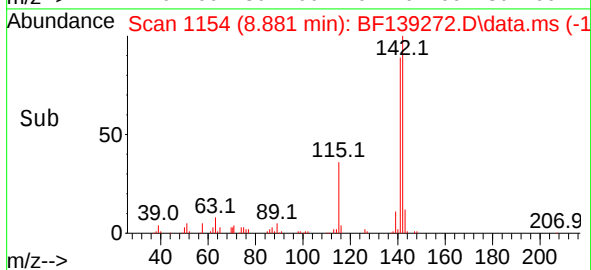
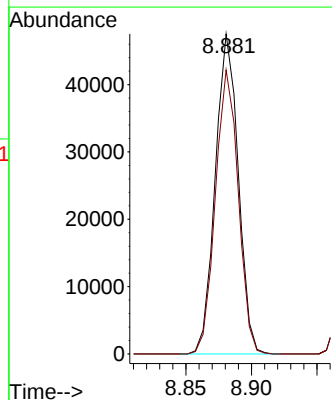
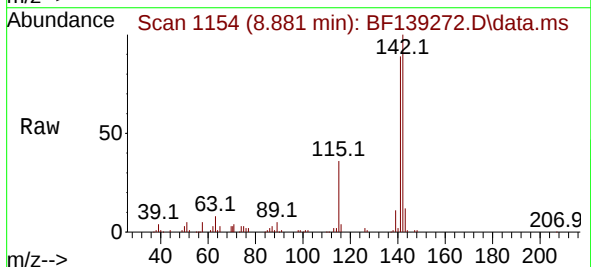
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

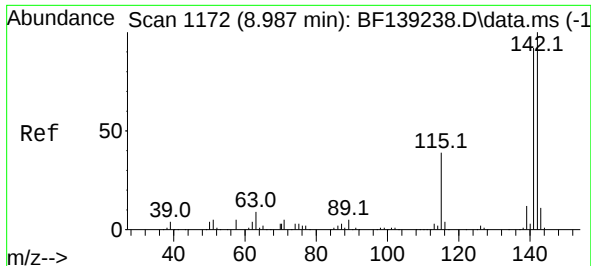
Tgt Ion:	107	Resp:	25102
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.1	28.7
142	75.7	58.3	87.5



#37
2-Methylnaphthalene
Concen: 4.137 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion:	142	Resp:	57770
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.6	107.4





#38

1-Methylnaphthalene

Concen: 3.940 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

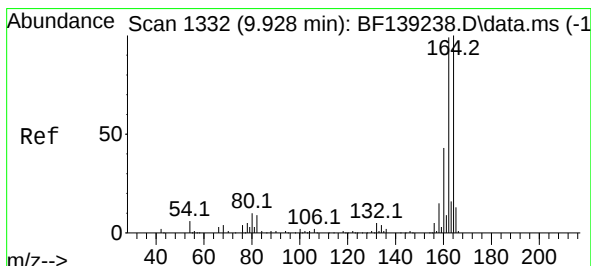
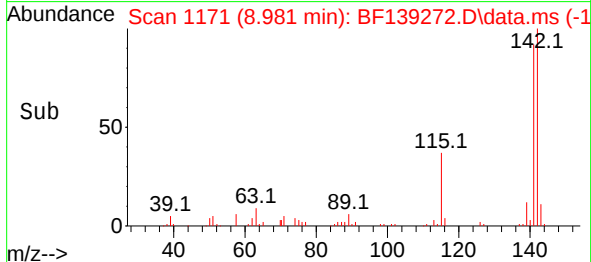
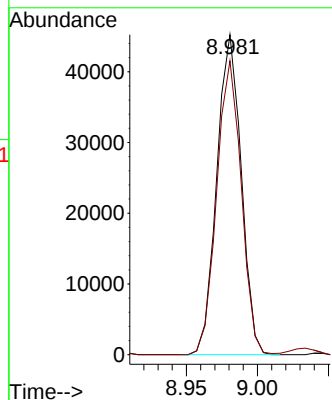
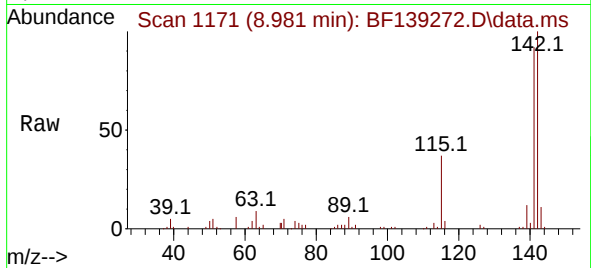
MDL-WATER-03-QT2-2024

Tgt Ion:142 Resp: 54114

Ion Ratio Lower Upper

142 100

141 91.8 73.5 110.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

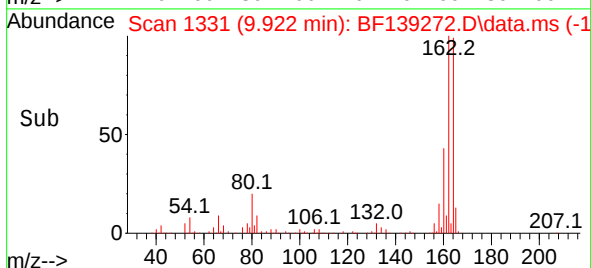
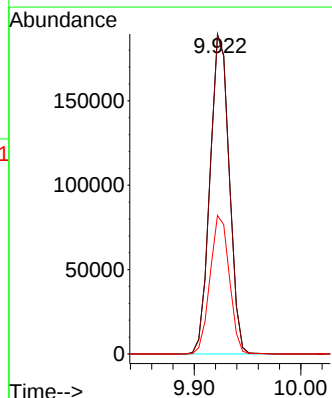
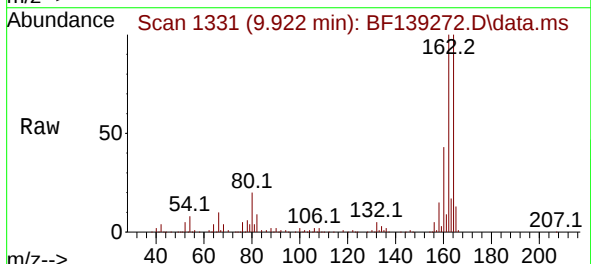
Tgt Ion:164 Resp: 237195

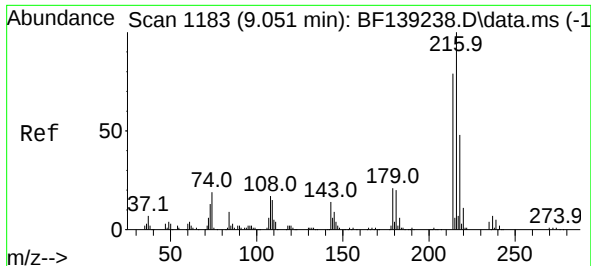
Ion Ratio Lower Upper

164 100

162 99.6 79.2 118.8

160 43.3 34.2 51.2

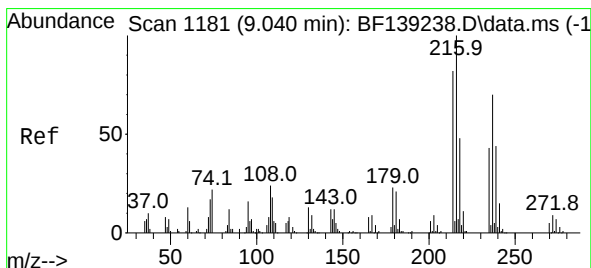
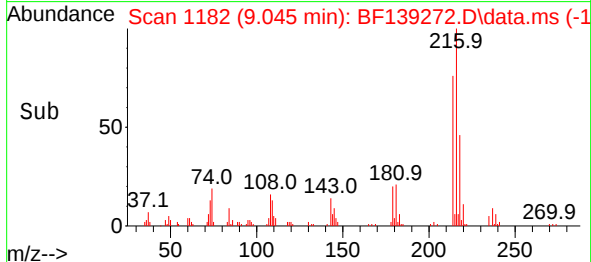
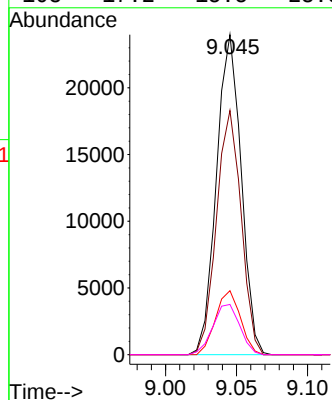
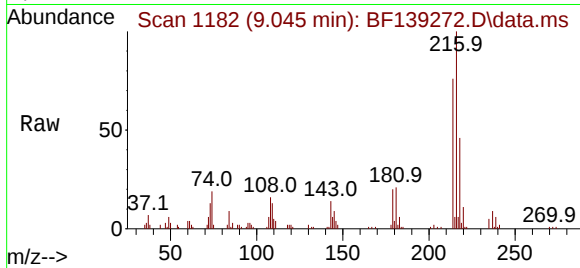




#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.325 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

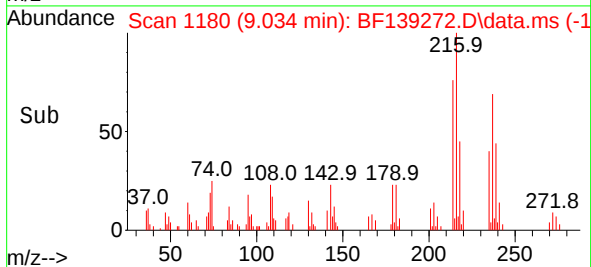
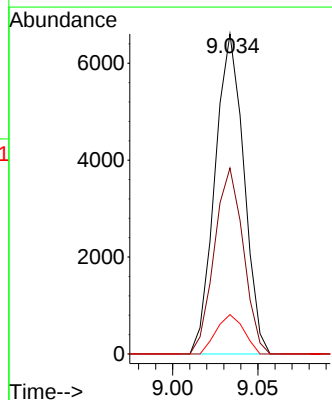
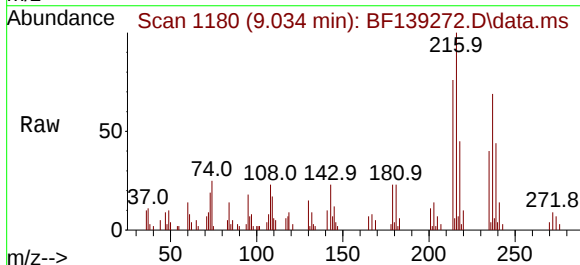
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

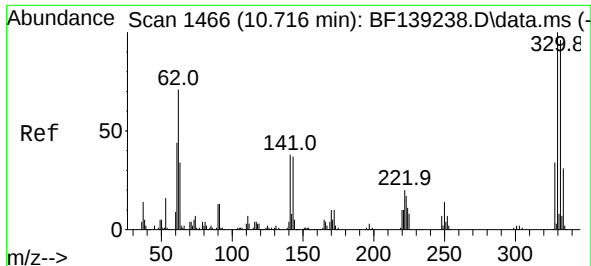
Tgt Ion:	216	Resp:	29022
Ion Ratio	Lower	Upper	
216	100		
214	76.0	63.8	95.8
179	20.1	16.9	25.3
108	17.2	15.5	23.3



#41
Hexachlorocyclopentadiene
Concen: 3.609 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion:	237	Resp:	7784
Ion Ratio	Lower	Upper	
237	100		
235	58.1	41.4	81.4
272	12.3	0.0	32.2





#42

2,4,6-Tribromophenol

Concen: 117.522 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139272.D

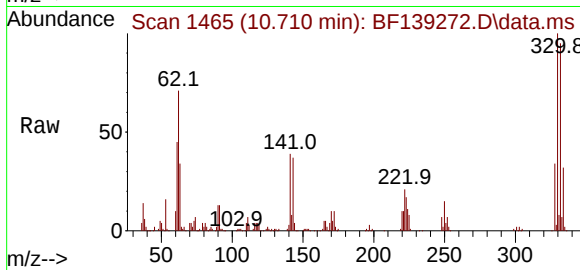
Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024



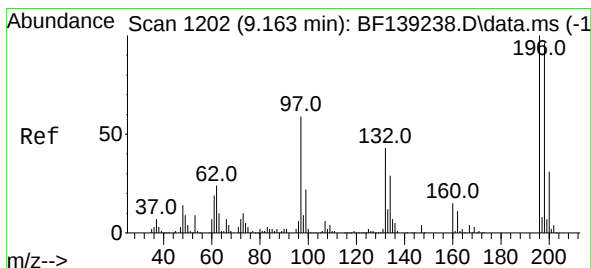
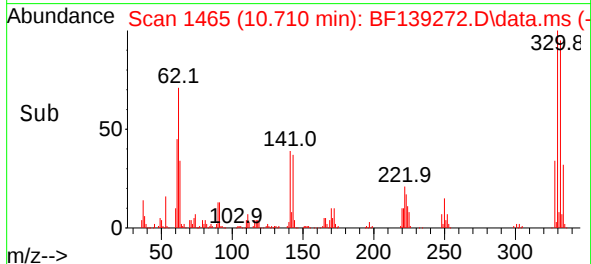
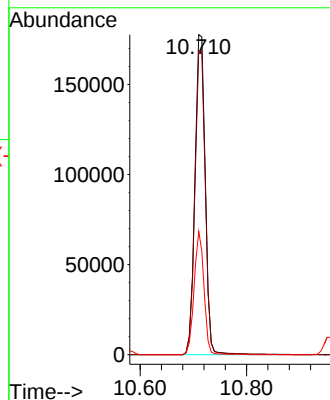
Tgt Ion:330 Resp: 240711

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

141 36.4 30.1 45.1



#43

2,4,6-Trichlorophenol

Concen: 3.787 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

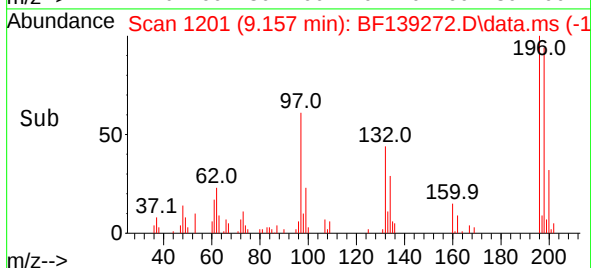
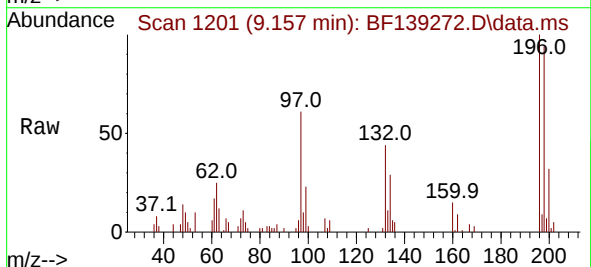
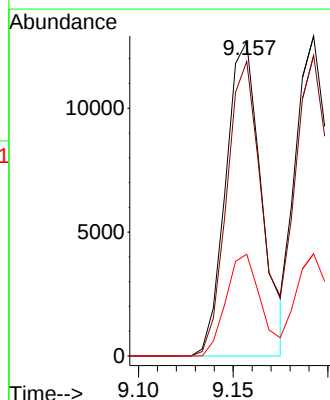
Tgt Ion:196 Resp: 16626

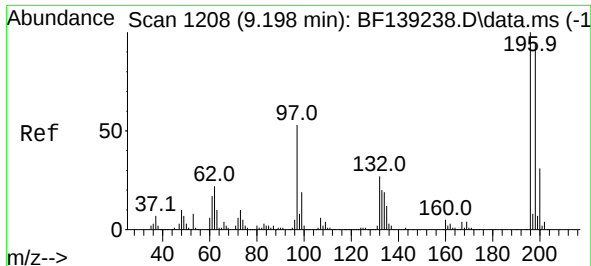
Ion Ratio Lower Upper

196 100

198 93.7 77.0 115.4

200 32.3 24.7 37.1





#44

2,4,5-Trichlorophenol

Concen: 3.731 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF139272.D

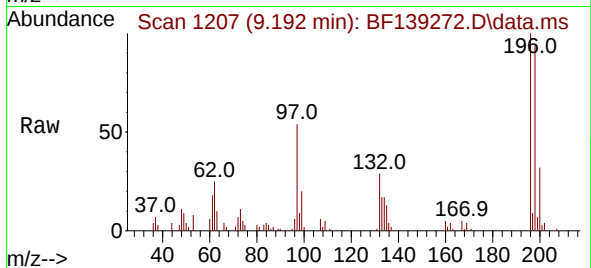
Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:196 Resp: 17165

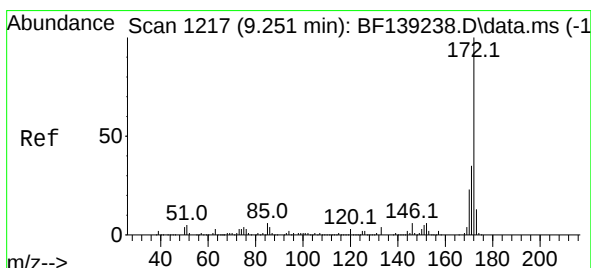
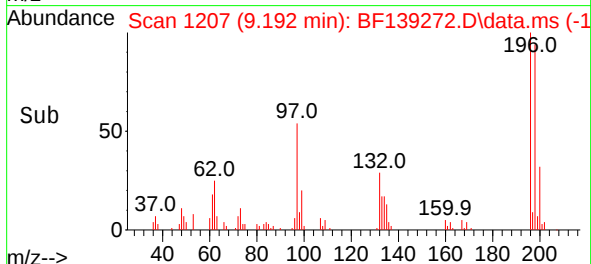
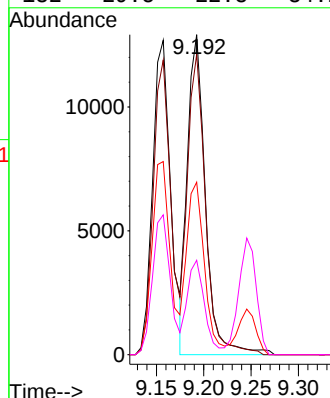
Ion Ratio Lower Upper

196 100

198 93.9 75.6 113.4

97 53.9 43.6 65.4

132 29.5 22.8 34.2



#45

2-Fluorobiphenyl

Concen: 81.198 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

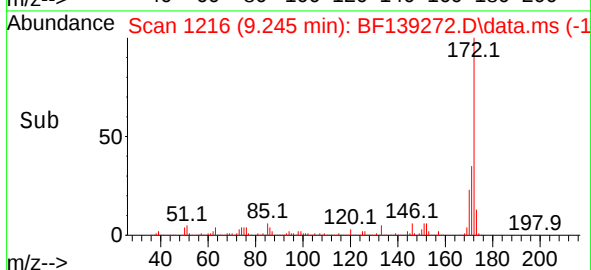
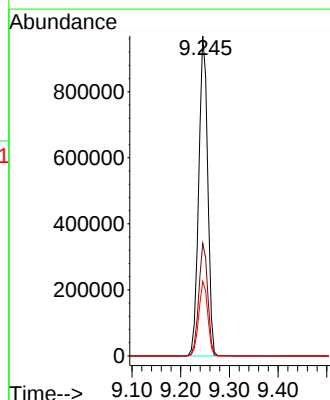
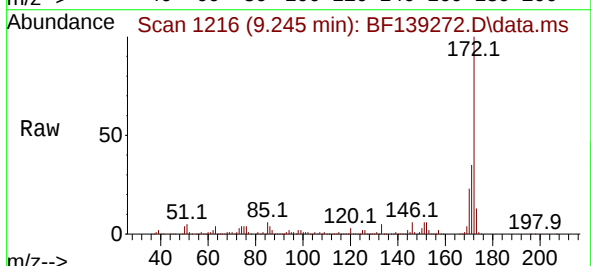
Tgt Ion:172 Resp: 1247691

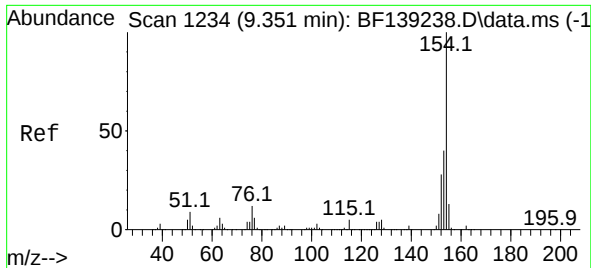
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 18.7 28.1





#46

1,1'-Biphenyl

Concen: 4.487 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

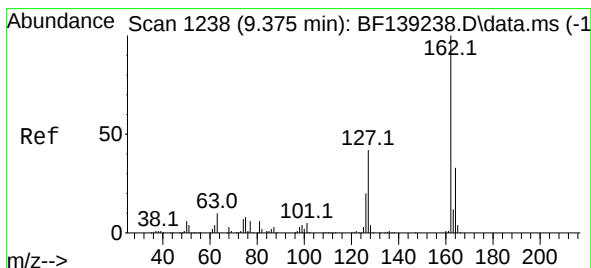
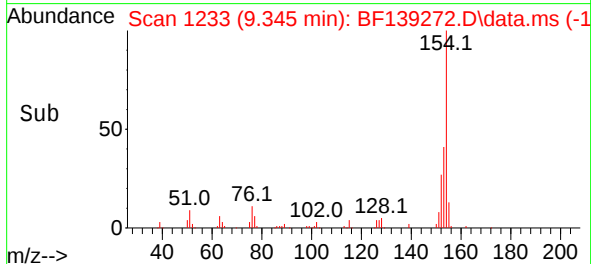
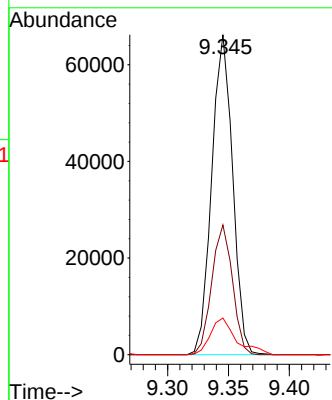
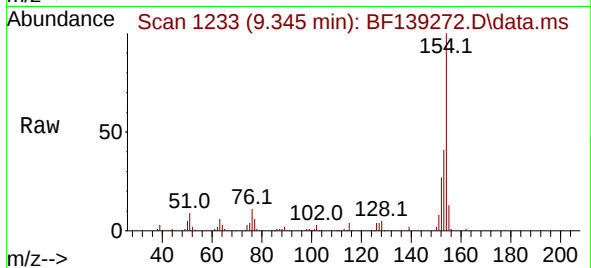
Tgt Ion:154 Resp: 78858

Ion Ratio Lower Upper

154 100

153 40.5 20.1 60.1

76 11.4 0.0 32.3



#47

2-Chloronaphthalene

Concen: 4.137 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

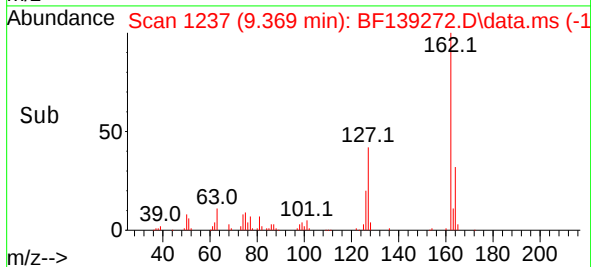
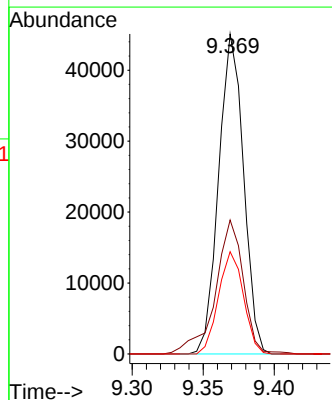
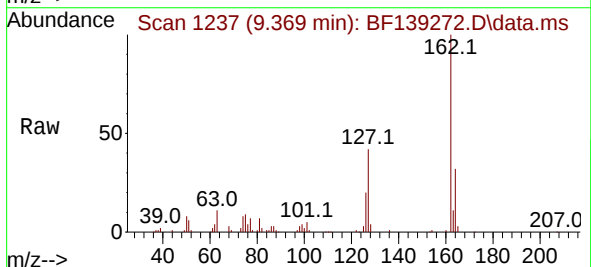
Tgt Ion:162 Resp: 54898

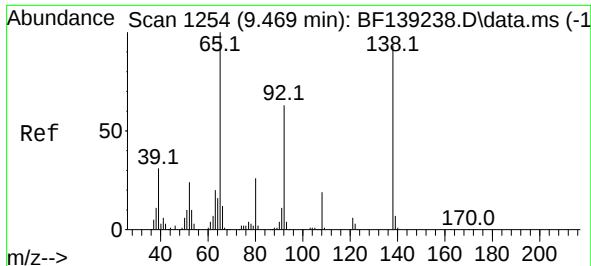
Ion Ratio Lower Upper

162 100

127 41.9 34.2 51.4

164 32.0 26.2 39.2





#48

2-Nitroaniline

Concen: 3.571 ng

RT: 9.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

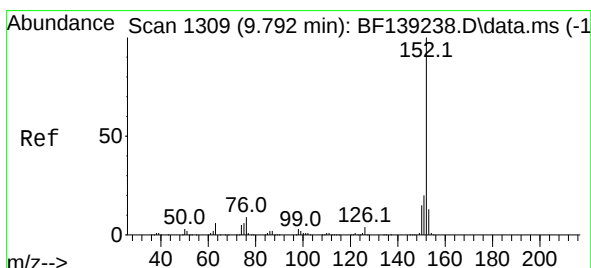
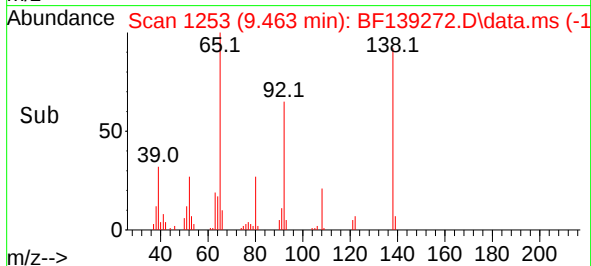
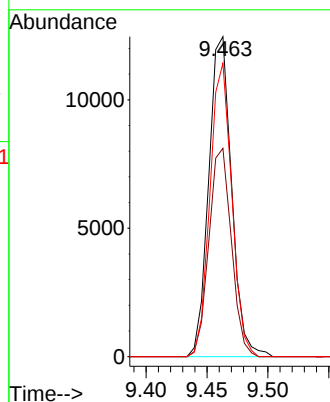
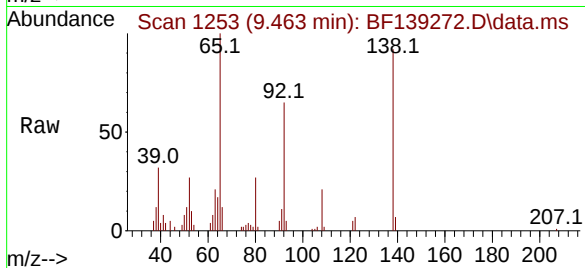
Tgt Ion: 65 Resp: 16322

Ion Ratio Lower Upper

65 100

92 65.1 50.4 75.6

138 91.7 74.2 111.4



#49

Acenaphthylene

Concen: 4.447 ng

RT: 9.787 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

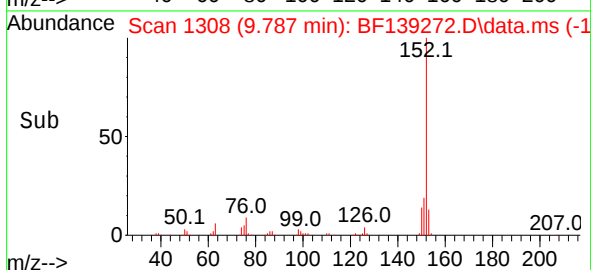
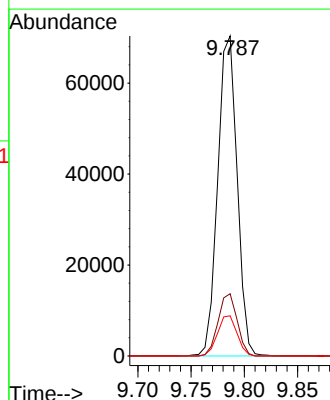
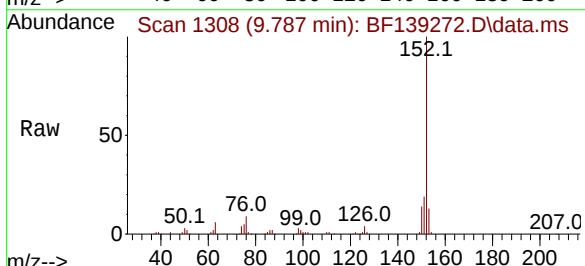
Tgt Ion: 152 Resp: 88887

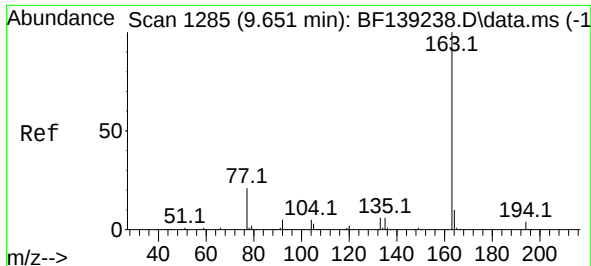
Ion Ratio Lower Upper

152 100

151 19.4 16.0 24.0

153 12.6 10.4 15.6





#50

Dimethylphthalate

Concen: 4.162 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

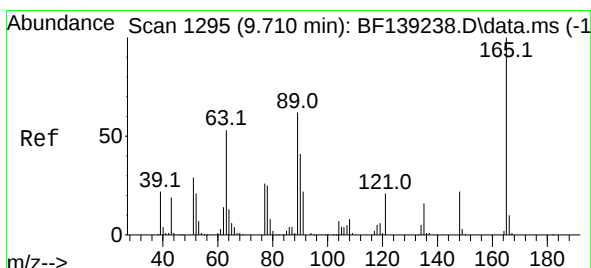
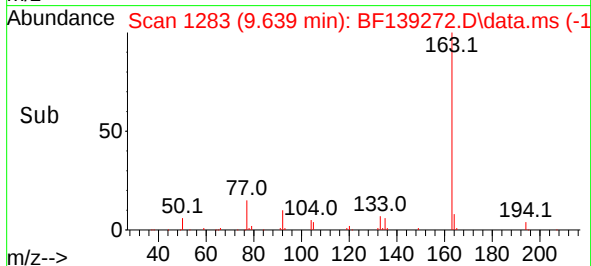
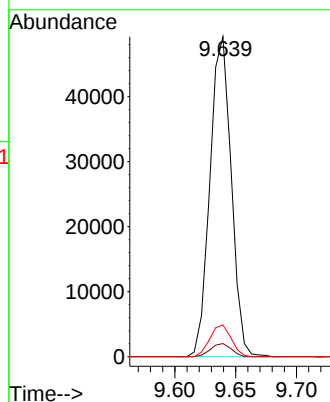
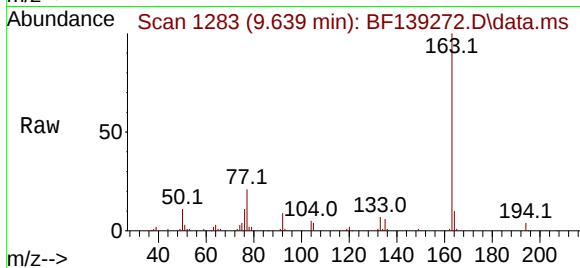
Tgt Ion:163 Resp: 59834

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 9.9 7.9 11.9



#51

2,6-Dinitrotoluene

Concen: 3.426 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

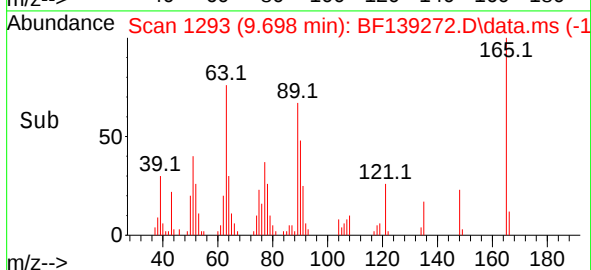
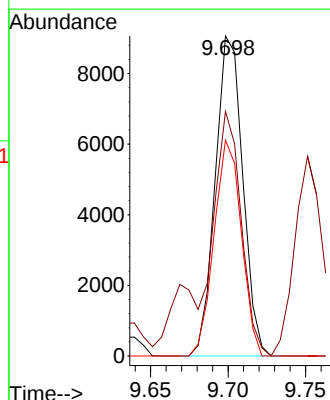
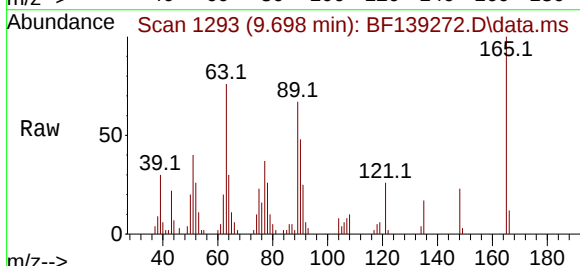
Tgt Ion:165 Resp: 11173

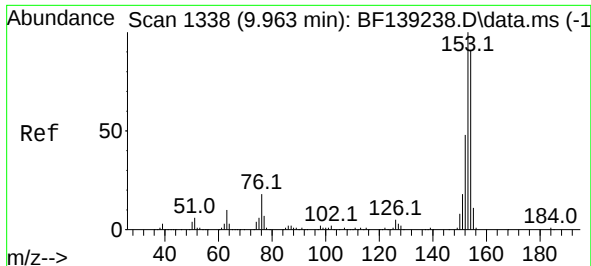
Ion Ratio Lower Upper

165 100

63 76.4 56.1 84.1

89 67.5 49.7 74.5





#52

Acenaphthene

Concen: 4.019 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

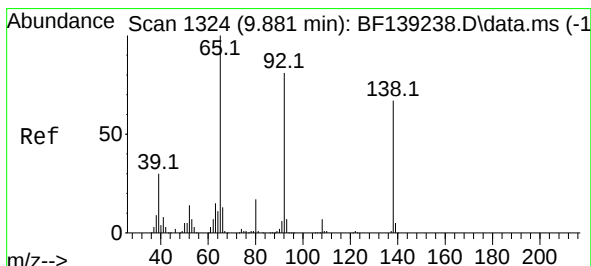
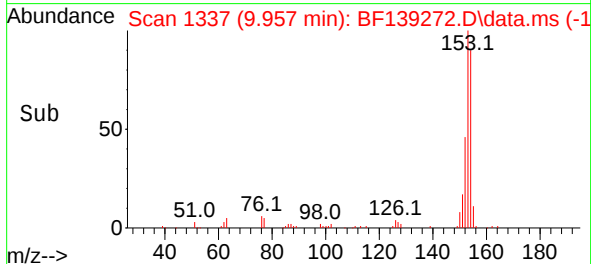
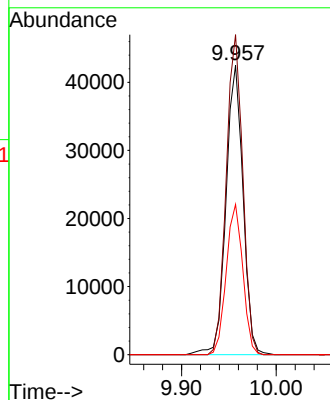
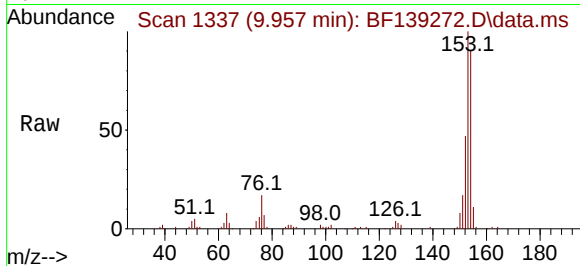
Tgt Ion:154 Resp: 53283

Ion Ratio Lower Upper

154 100

153 110.6 87.8 131.6

152 51.9 41.7 62.5



#53

3-Nitroaniline

Concen: 3.731 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

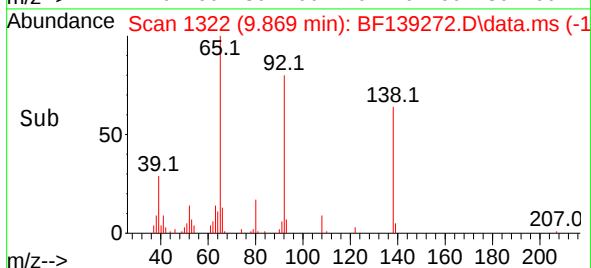
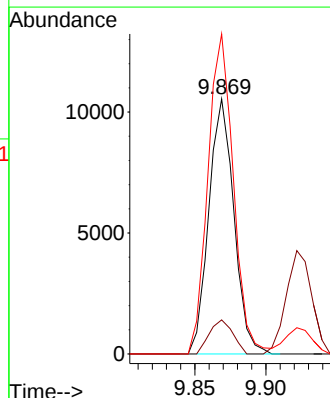
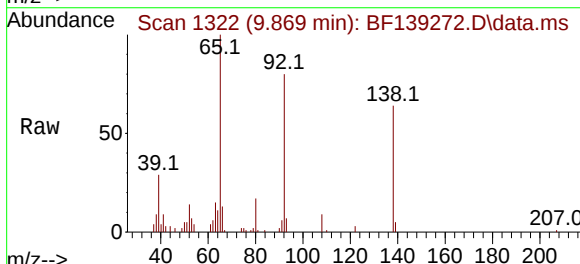
Tgt Ion:138 Resp: 12964

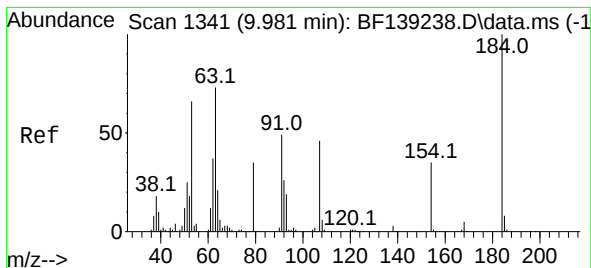
Ion Ratio Lower Upper

138 100

108 13.4 8.6 13.0#

92 125.5 96.4 144.6





#54

2,4-Dinitrophenol

Concen: 8.193 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

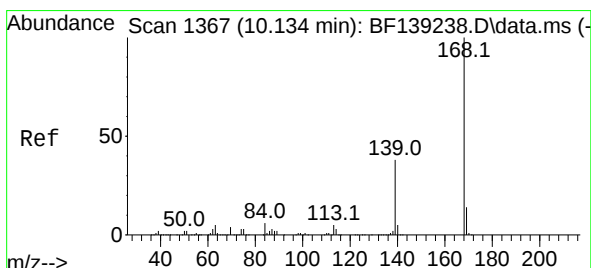
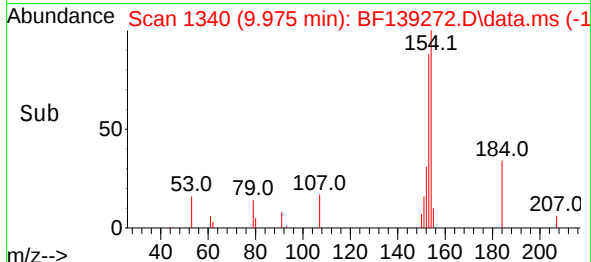
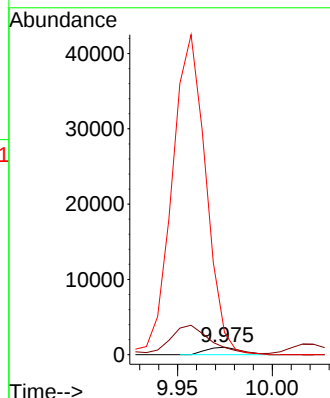
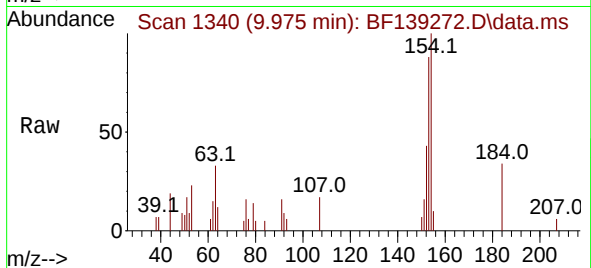
Tgt Ion:184 Resp: 1258

Ion Ratio Lower Upper

184 100

63 96.9 66.4 99.6

154 296.7 97.0 145.6#



#55

Dibenzofuran

Concen: 4.336 ng

RT: 10.128 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

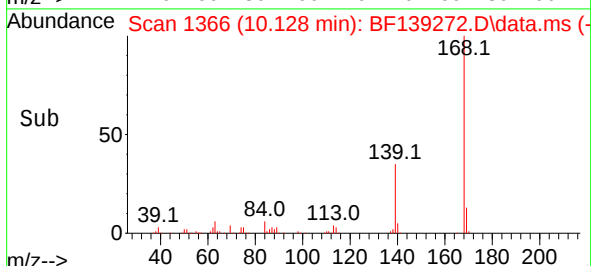
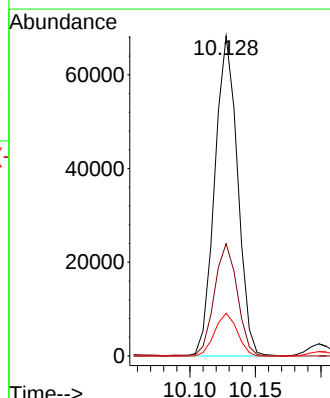
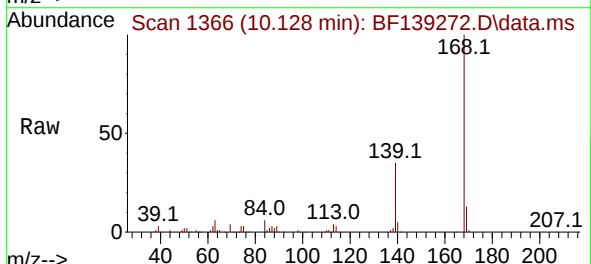
Tgt Ion:168 Resp: 82406

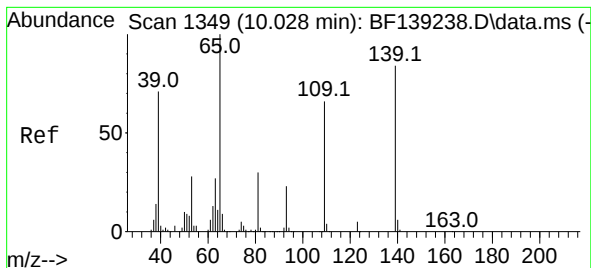
Ion Ratio Lower Upper

168 100

139 35.1 30.2 45.4

169 13.3 10.8 16.2





#56

4-Nitrophenol

Concen: 2.474 ng

RT: 10.022 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

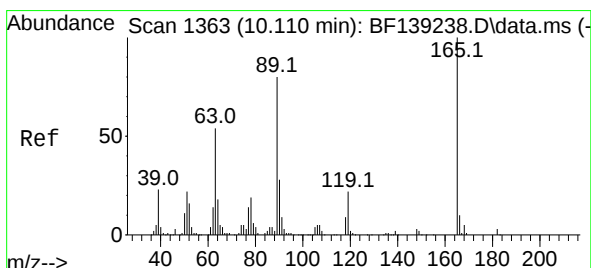
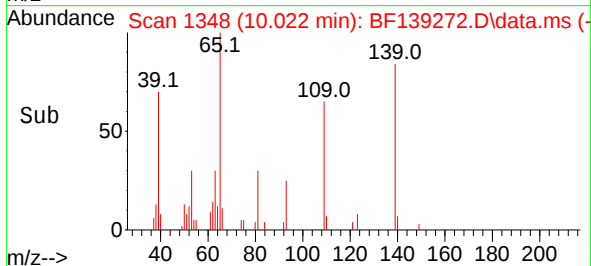
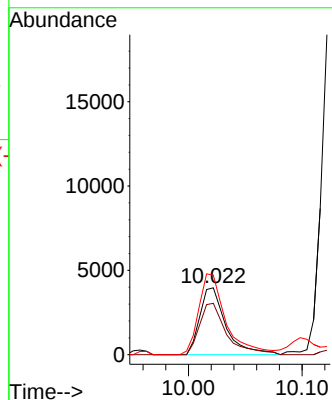
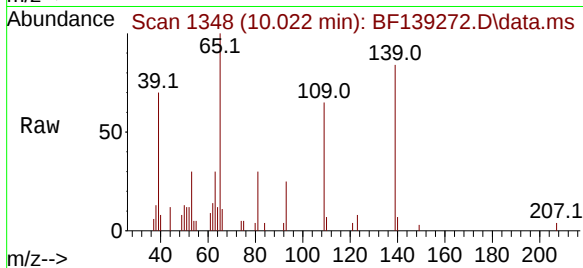
Tgt Ion:139 Resp: 6345

Ion Ratio Lower Upper

139 100

109 76.7 58.7 98.7

65 118.9 100.3 140.3



#57

2,4-Dinitrotoluene

Concen: 3.305 ng

RT: 10.098 min Scan# 1361

Delta R.T. -0.012 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Tgt Ion:165 Resp: 13719

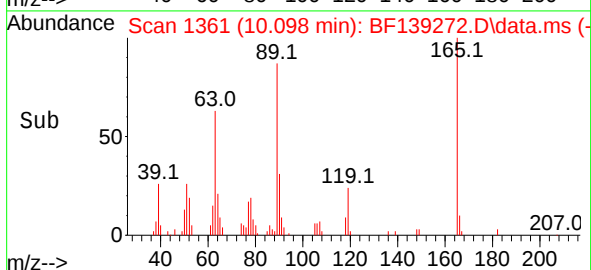
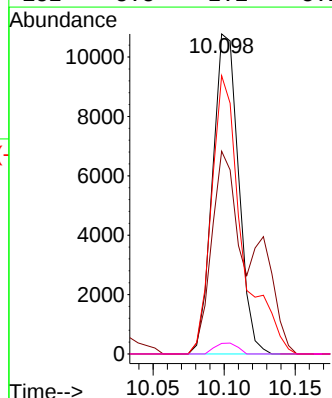
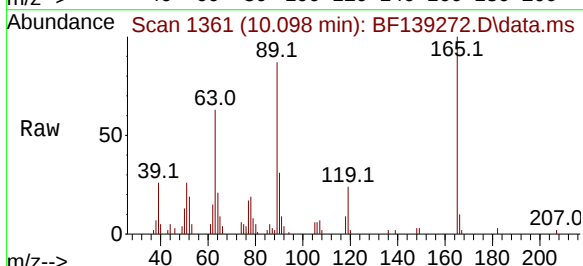
Ion Ratio Lower Upper

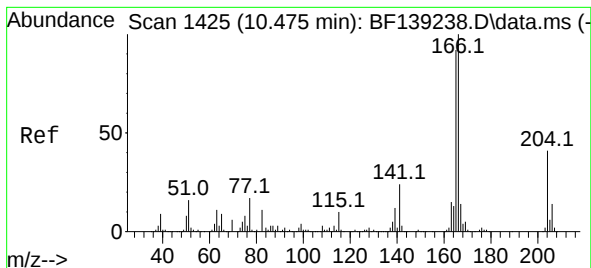
165 100

63 63.4 43.4 65.0

89 87.0 64.2 96.4

182 3.3 2.1 3.1#





#58

Fluorene

Concen: 4.206 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

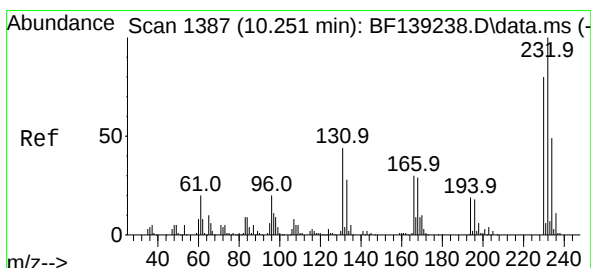
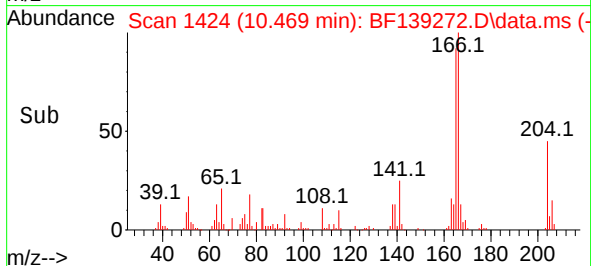
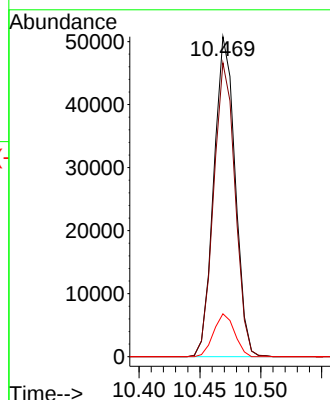
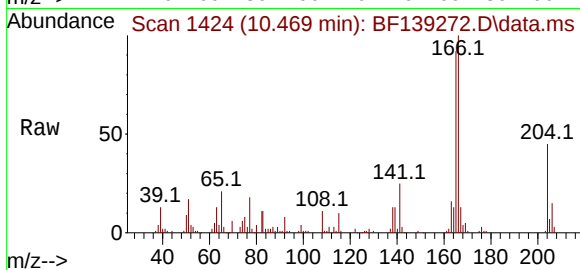
Tgt Ion:166 Resp: 61972

Ion Ratio Lower Upper

166 100

165 91.8 73.7 110.5

167 13.4 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.762 ng

RT: 10.245 min Scan# 1386

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Tgt Ion:232 Resp: 13627

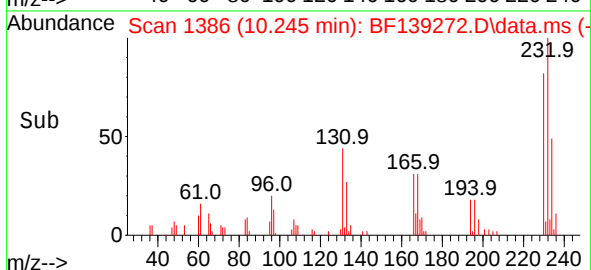
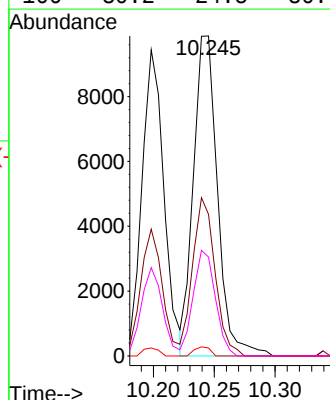
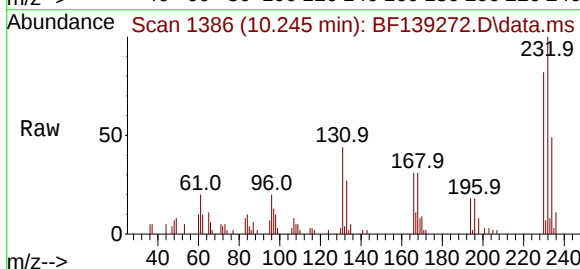
Ion Ratio Lower Upper

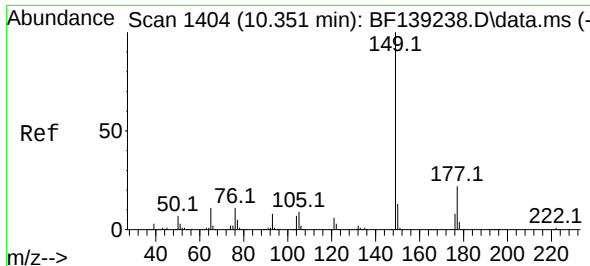
232 100

131 45.8 37.7 56.5

130 1.9 1.9 2.9#

166 30.2 24.5 36.7





#60

Diethylphthalate

Concen: 4.141 ng

RT: 10.339 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

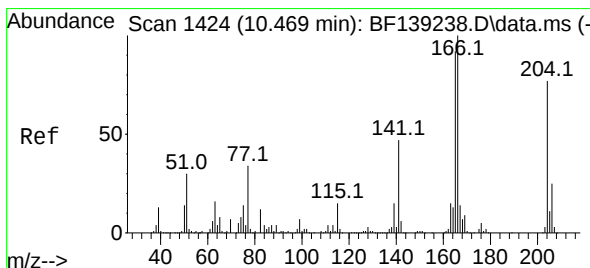
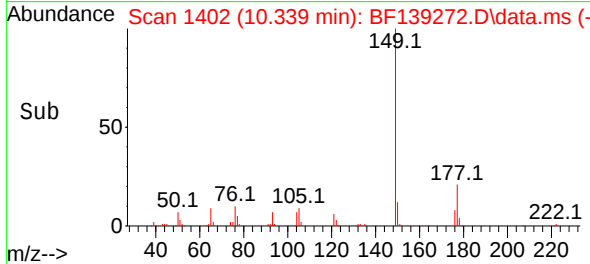
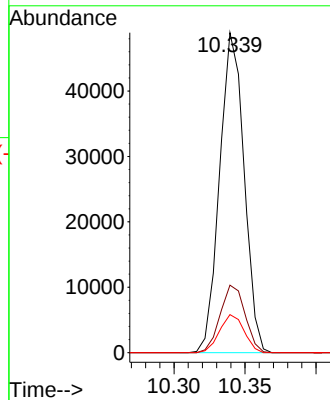
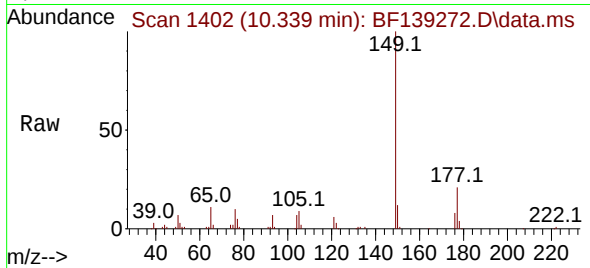
Tgt Ion:149 Resp: 58580

Ion Ratio Lower Upper

149 100

177 21.1 17.7 26.5

150 11.9 10.2 15.2



#61

4-Chlorophenyl-phenylether

Concen: 4.247 ng

RT: 10.463 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

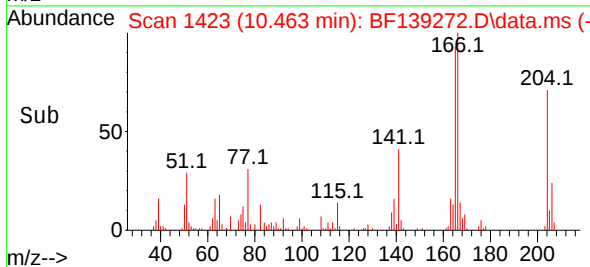
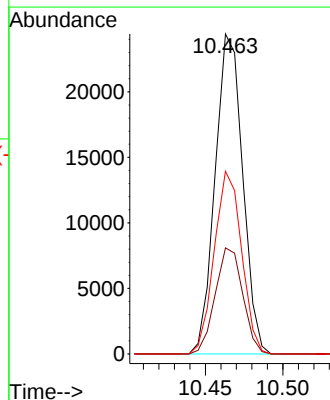
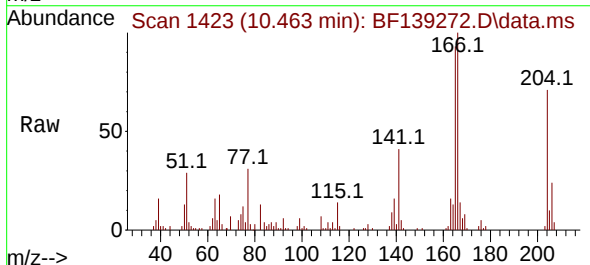
Tgt Ion:204 Resp: 30180

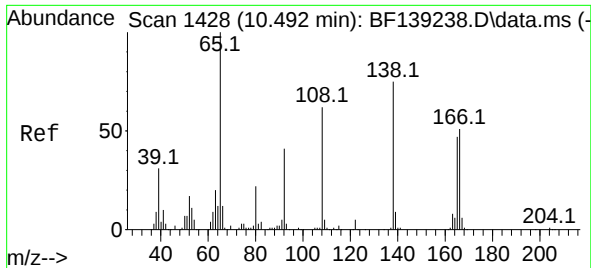
Ion Ratio Lower Upper

204 100

206 33.2 25.8 38.8

141 57.1 48.6 72.8





#62

4-Nitroaniline

Concen: 3.334 ng

RT: 10.475 min Scan# 1425

Delta R.T. -0.018 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

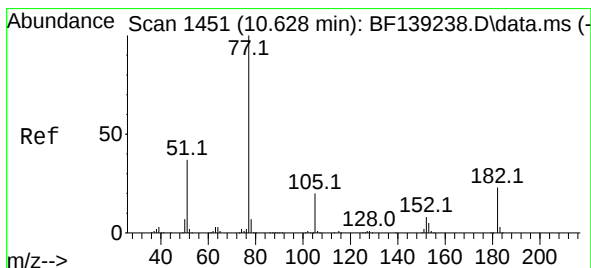
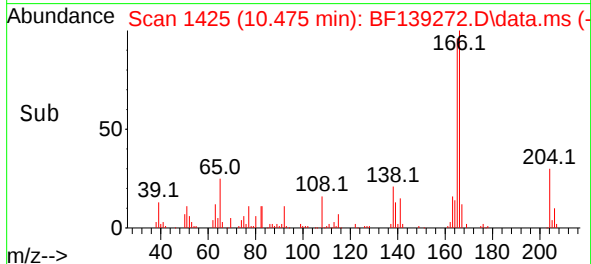
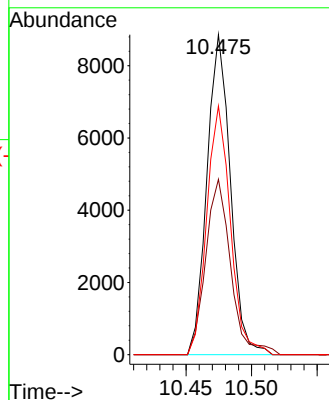
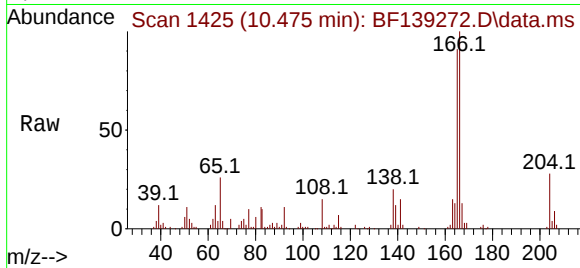
Tgt Ion:138 Resp: 11027

Ion Ratio Lower Upper

138 100

92 54.8 34.4 74.4

108 77.7 62.7 102.7



#63

Azobenzene

Concen: 4.109 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Tgt Ion: 77 Resp: 61268

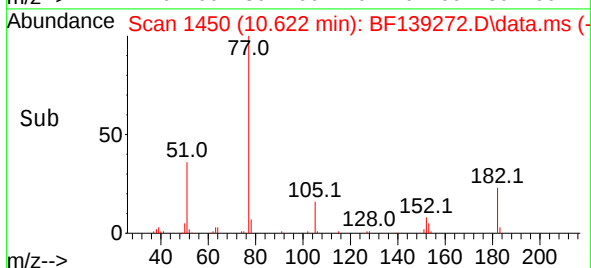
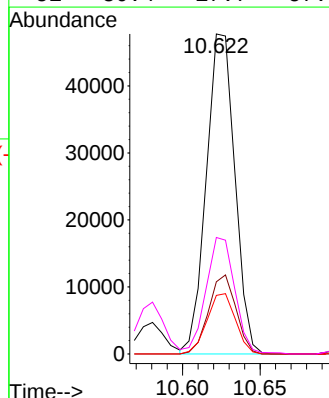
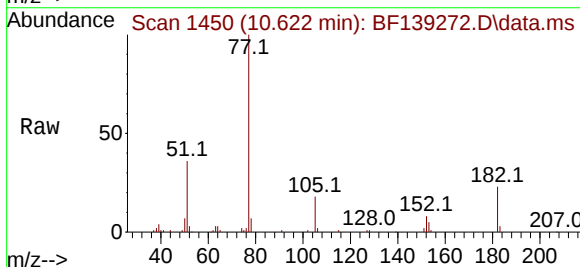
Ion Ratio Lower Upper

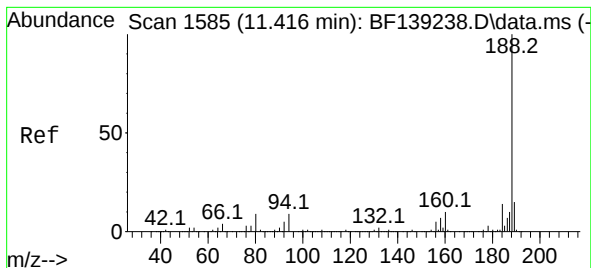
77 100

182 22.6 3.0 43.0

105 18.3 0.0 39.4

51 36.4 17.7 57.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

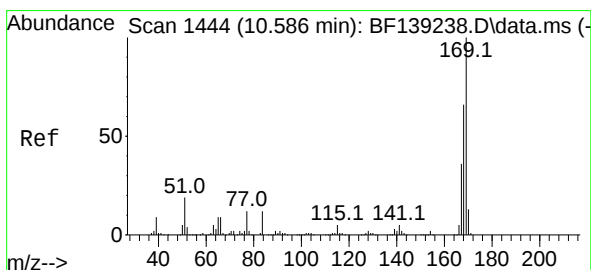
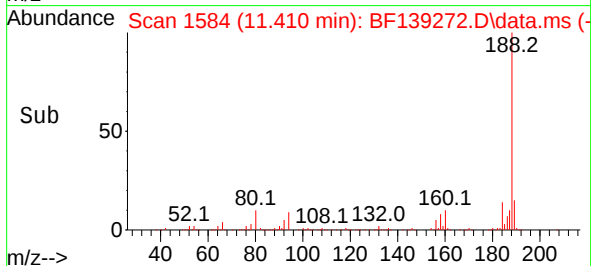
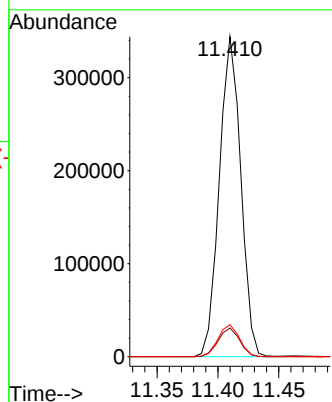
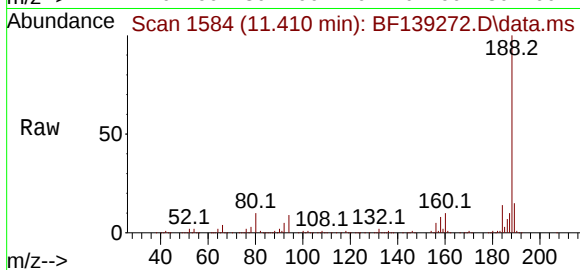
Tgt Ion:188 Resp: 422039

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 10.0 7.3 10.9



#66

n-Nitrosodiphenylamine

Concen: 4.150 ng

RT: 10.581 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

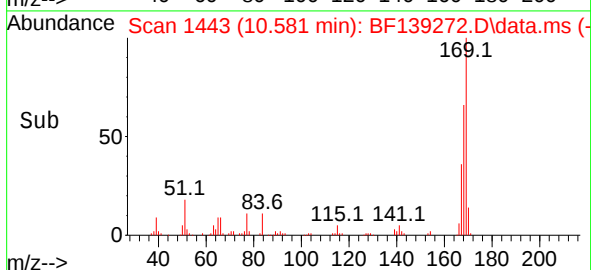
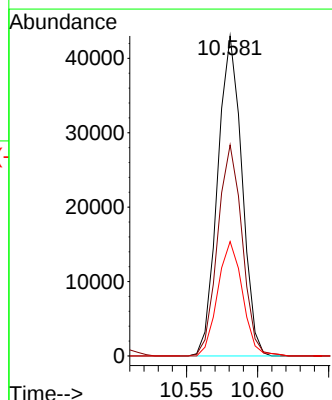
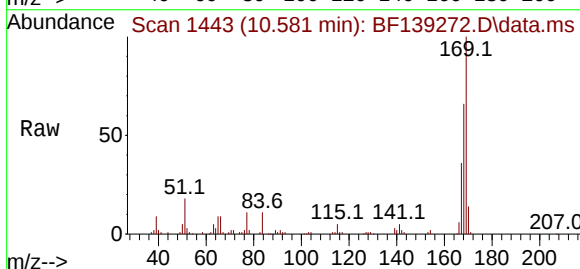
Tgt Ion:169 Resp: 50981

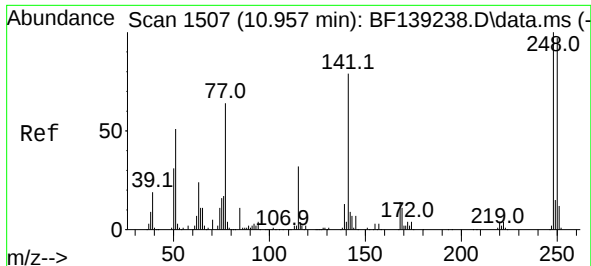
Ion Ratio Lower Upper

169 100

168 66.0 53.0 79.6

167 35.8 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 4.075 ng

RT: 10.957 min Scan# 1507

Delta R.T. -0.000 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

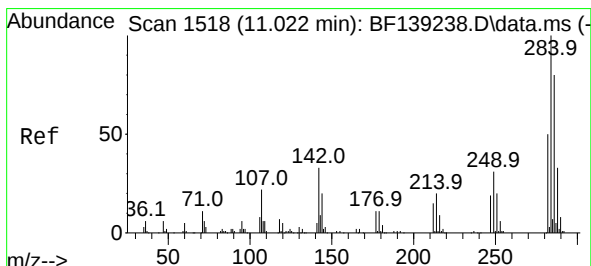
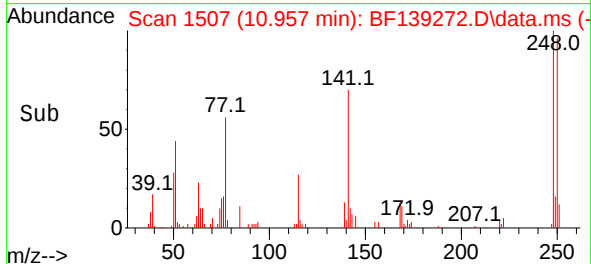
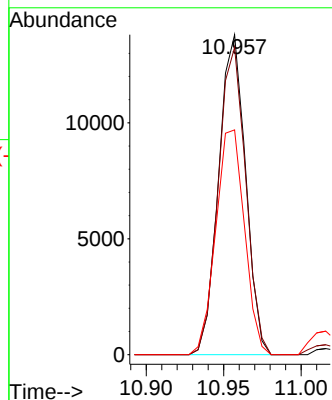
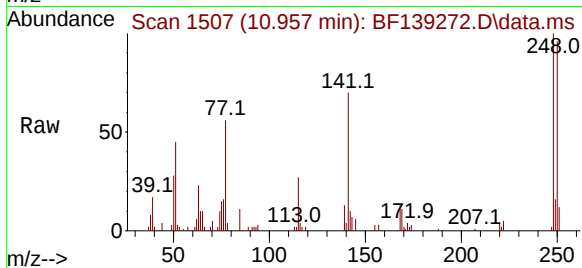
Tgt Ion:248 Resp: 16685

Ion Ratio Lower Upper

248 100

250 96.1 77.2 115.8

141 70.2 63.6 95.4



#68

Hexachlorobenzene

Concen: 4.219 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

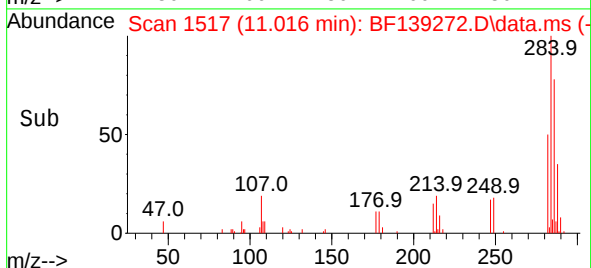
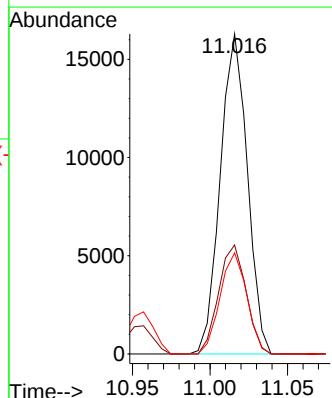
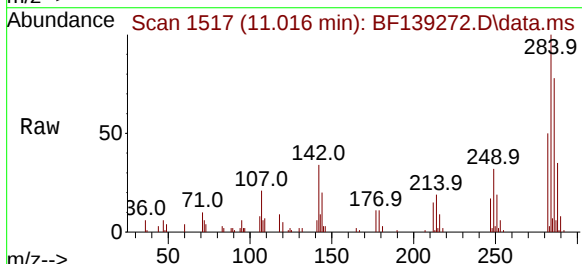
Tgt Ion:284 Resp: 19778

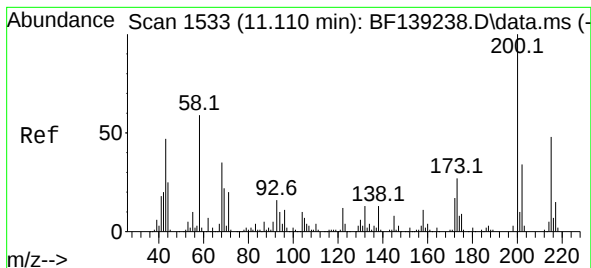
Ion Ratio Lower Upper

284 100

142 34.0 26.5 39.7

249 31.6 24.8 37.2





#69

Atrazine

Concen: 4.899 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

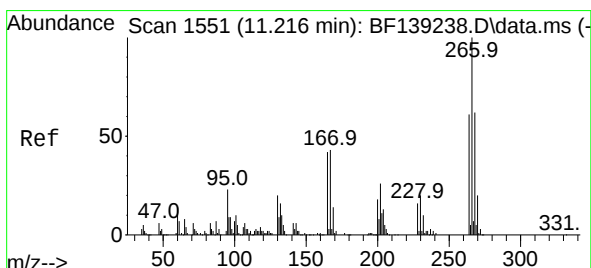
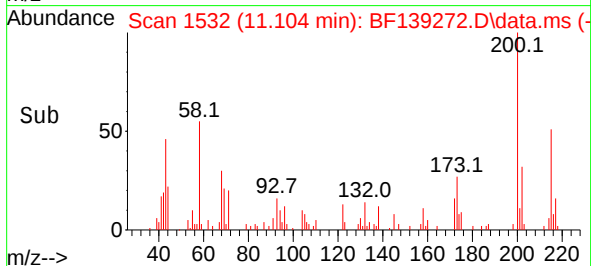
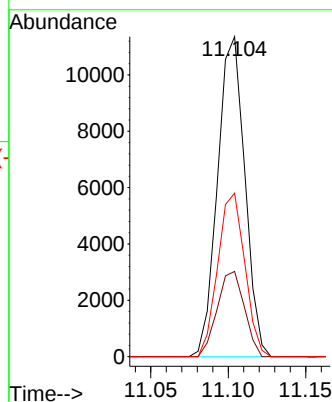
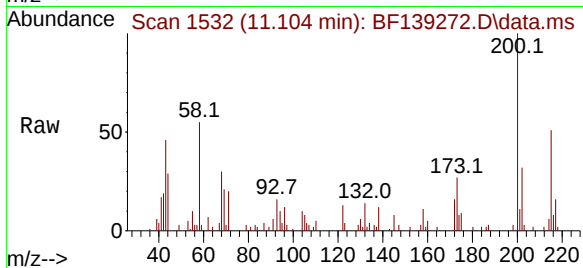
Tgt Ion:200 Resp: 13886

Ion Ratio Lower Upper

200 100

173 26.7 7.1 47.1

215 51.1 28.5 68.5



#70

Pentachlorophenol

Concen: 2.410 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

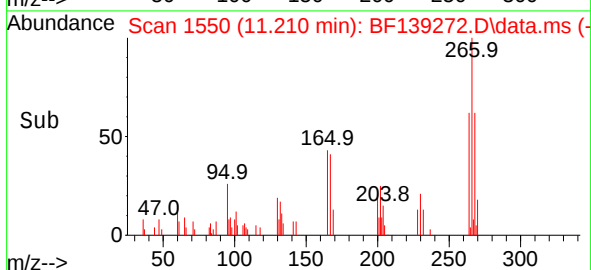
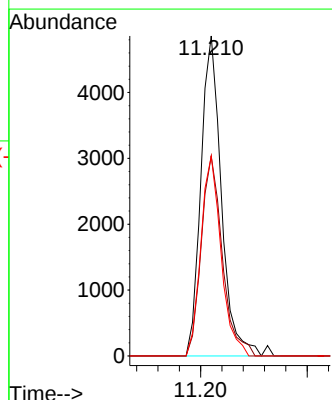
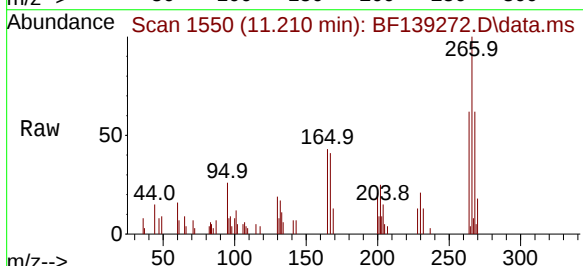
Tgt Ion:266 Resp: 6525

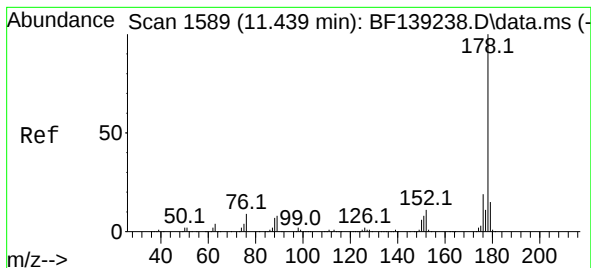
Ion Ratio Lower Upper

266 100

268 62.5 49.7 74.5

264 62.5 49.2 73.8





#71

Phenanthrene

Concen: 4.380 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

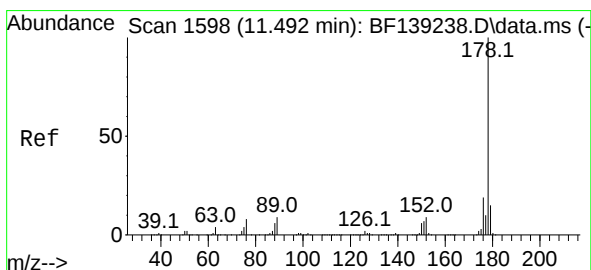
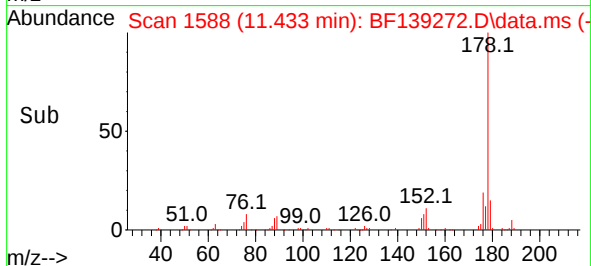
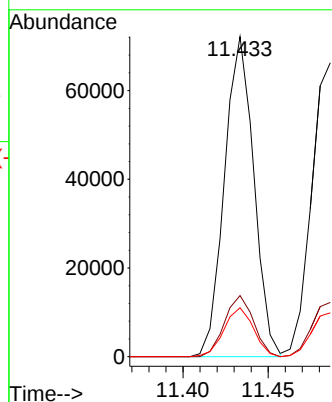
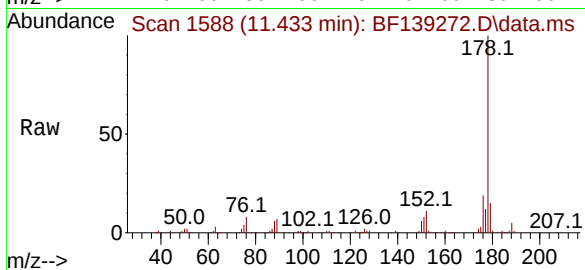
Tgt Ion:178 Resp: 86359

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.3 12.3 18.5



#72

Anthracene

Concen: 4.332 ng

RT: 11.486 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

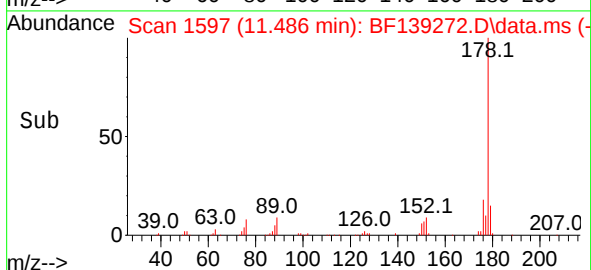
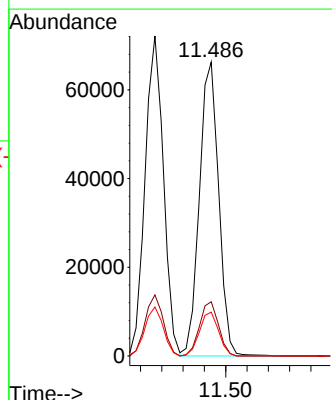
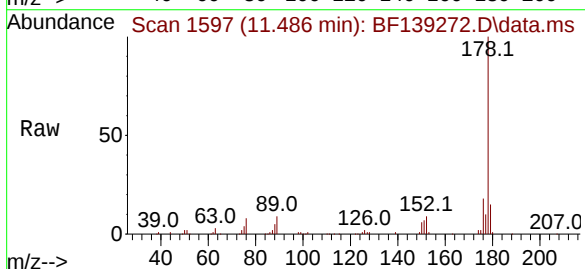
Tgt Ion:178 Resp: 83434

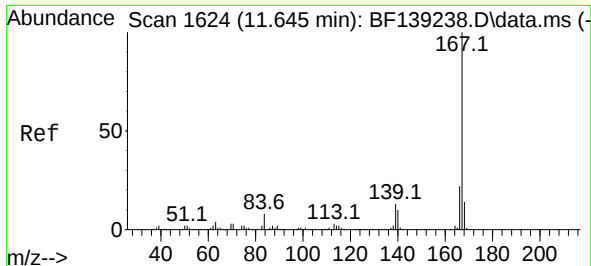
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

179 14.9 12.3 18.5

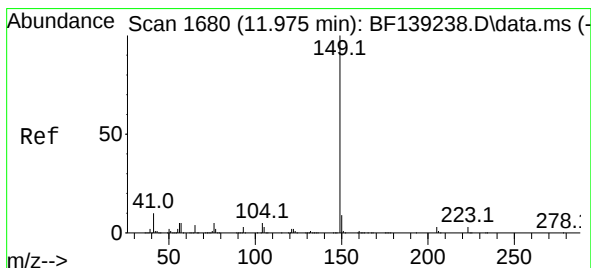
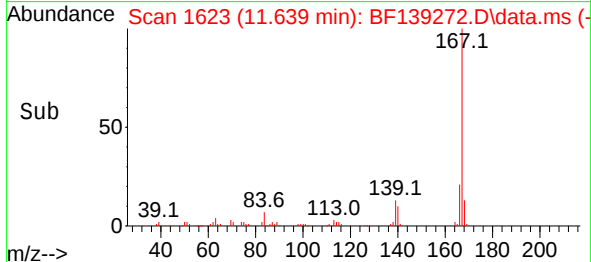
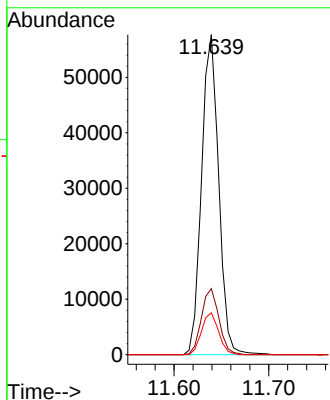
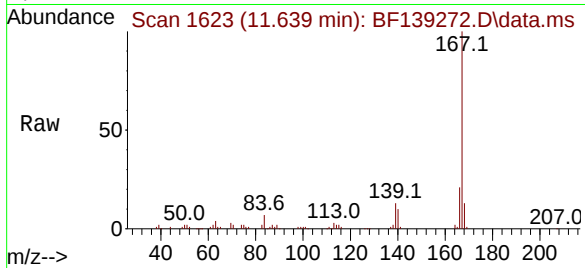




#73
Carbazole
Concen: 4.010 ng
RT: 11.639 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

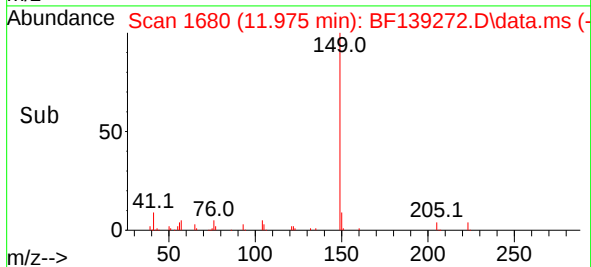
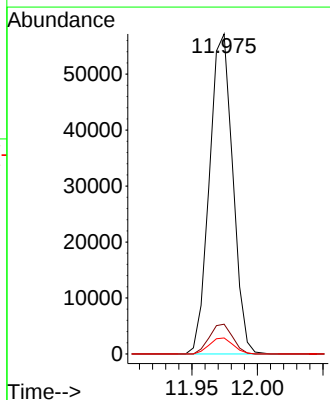
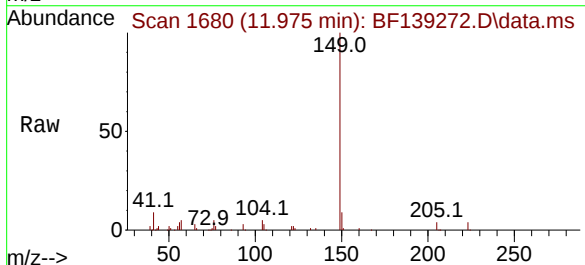
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

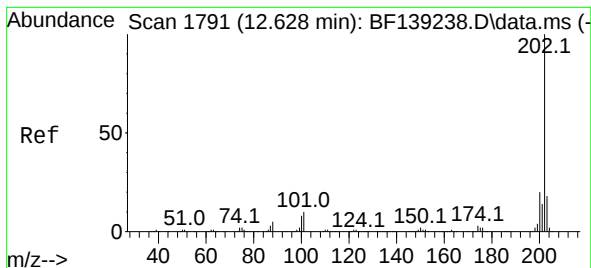
Tgt Ion:167 Resp: 72185
Ion Ratio Lower Upper
167 100
166 20.7 17.2 25.8
139 13.1 10.2 15.4



#74
Di-n-butylphthalate
Concen: 3.843 ng
RT: 11.975 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion:149 Resp: 70828
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 4.059 ng

RT: 12.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

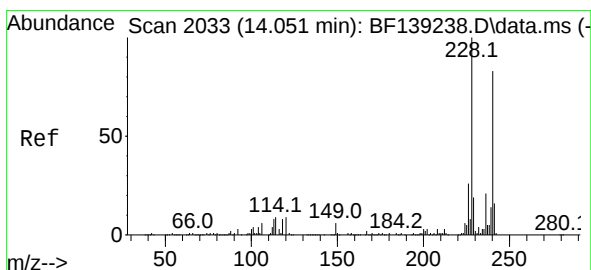
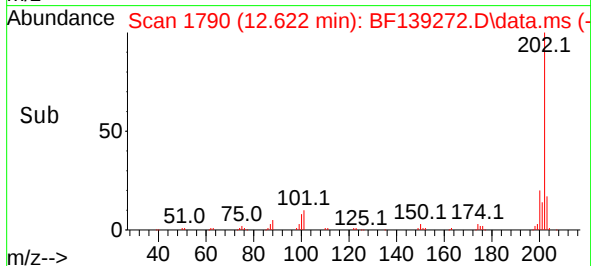
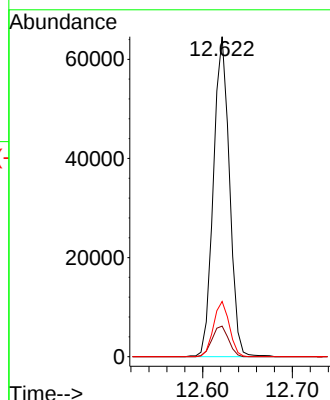
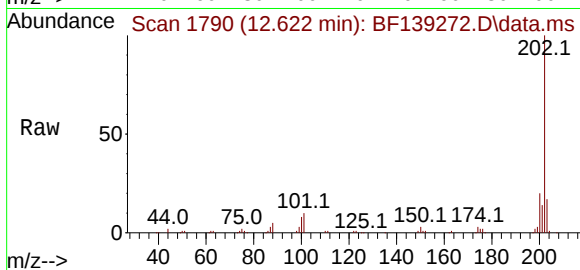
Tgt Ion:202 Resp: 80230

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.9

203 17.3 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

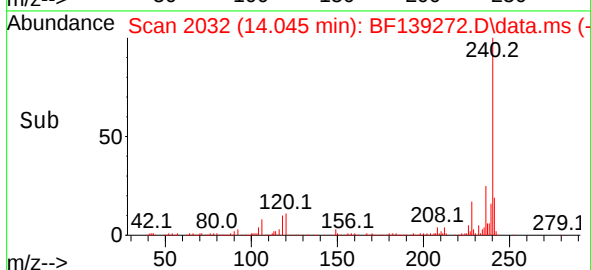
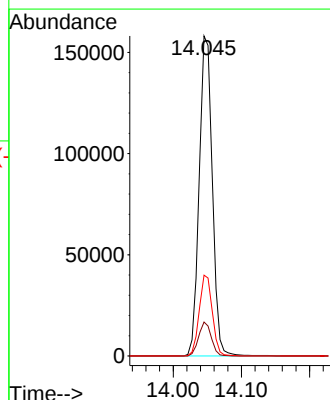
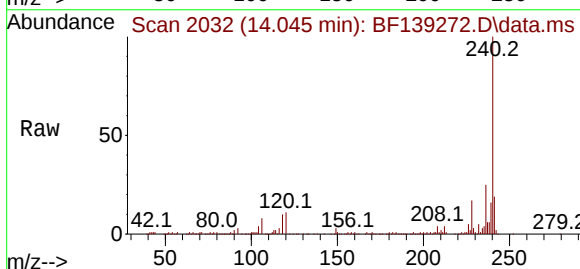
Tgt Ion:240 Resp: 212077

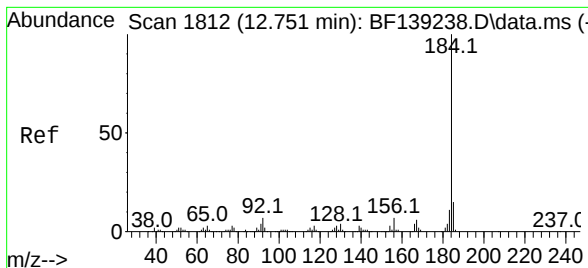
Ion Ratio Lower Upper

240 100

120 10.6 8.6 12.8

236 25.3 20.7 31.1





#77

Benzidine

Concen: 4.253 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

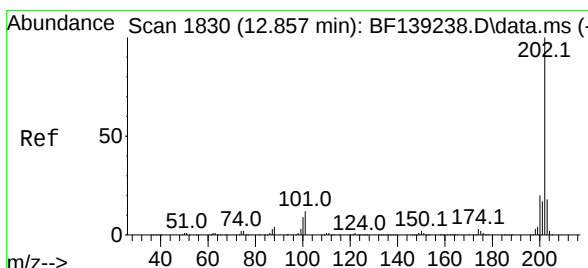
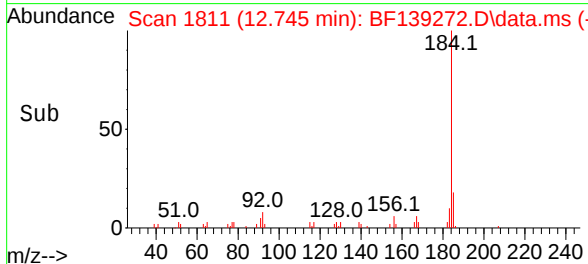
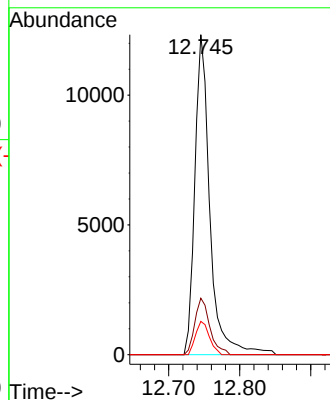
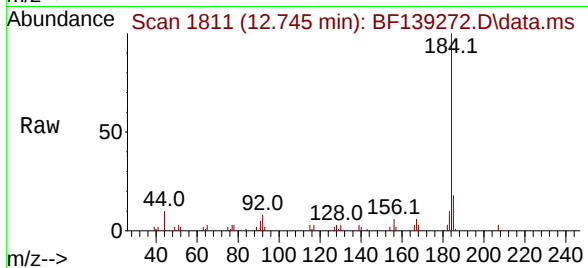
Tgt Ion:184 Resp: 18160

Ion Ratio Lower Upper

184 100

185 17.7 11.9 17.9

183 10.4 8.8 13.2



#78

Pyrene

Concen: 4.094 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

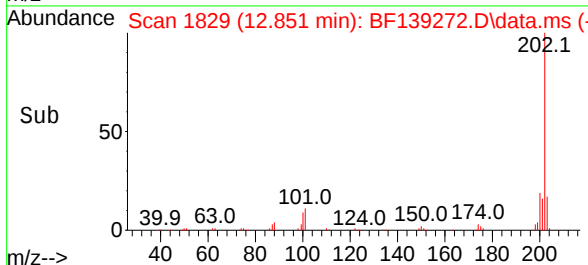
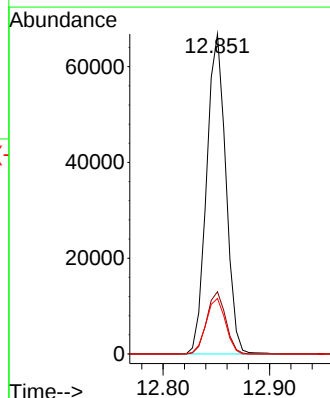
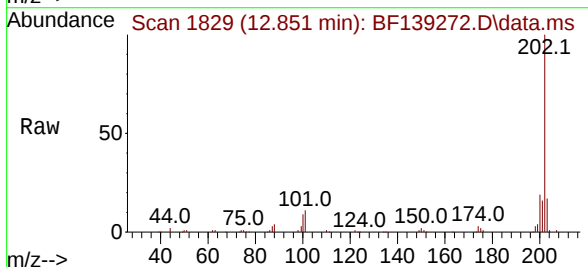
Tgt Ion:202 Resp: 83865

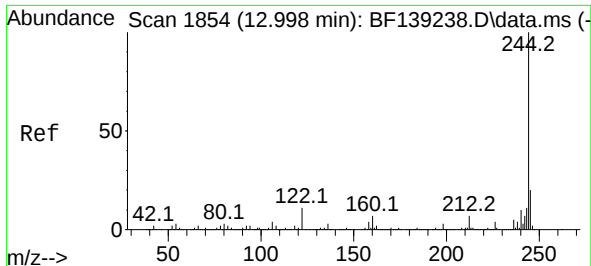
Ion Ratio Lower Upper

202 100

200 19.4 15.8 23.8

203 17.4 14.1 21.1

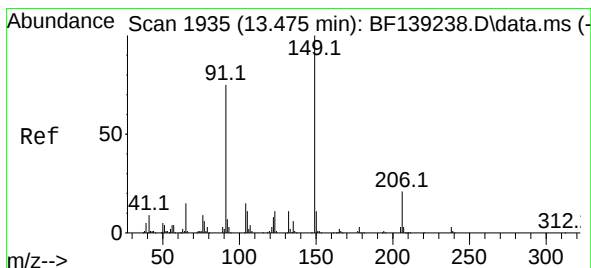
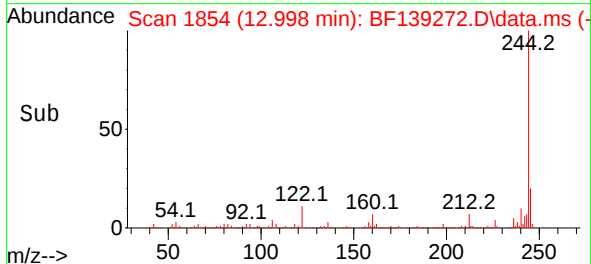
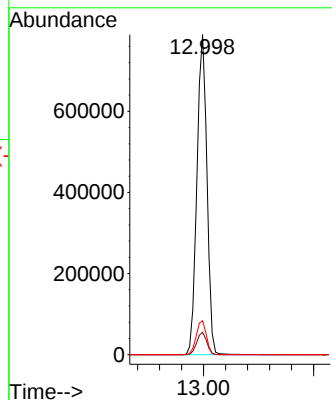
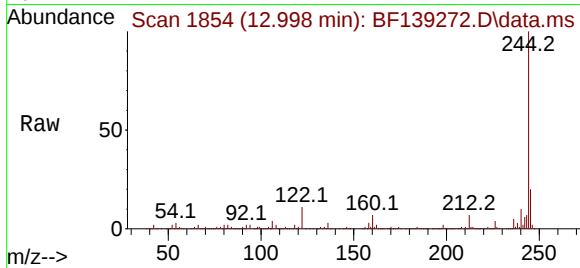




#79
 Terphenyl-d14
 Concen: 76.028 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF139272.D
 Acq: 06 Sep 2024 11:31

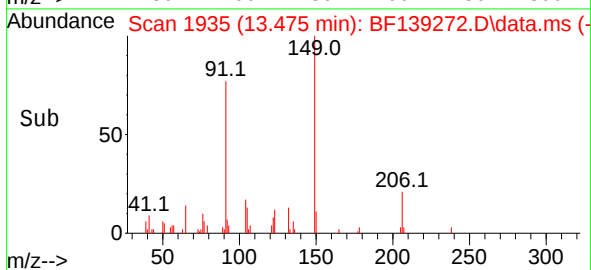
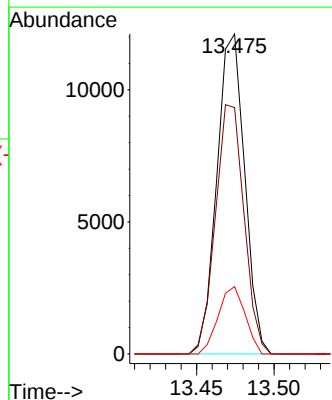
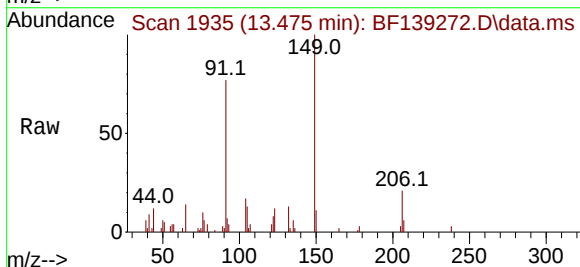
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2024

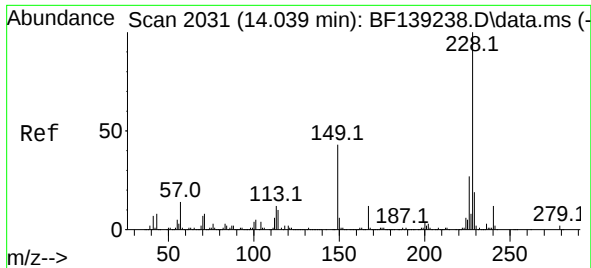
Tgt Ion:244 Resp: 998641
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.6 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 3.138 ng
 RT: 13.475 min Scan# 1935
 Delta R.T. -0.000 min
 Lab File: BF139272.D
 Acq: 06 Sep 2024 11:31

Tgt Ion:149 Resp: 15136
 Ion Ratio Lower Upper
 149 100
 91 77.0 60.3 90.5
 206 21.1 16.7 25.1

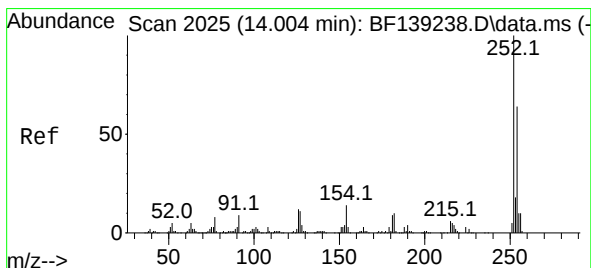
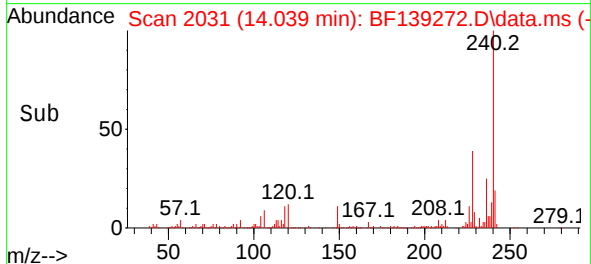
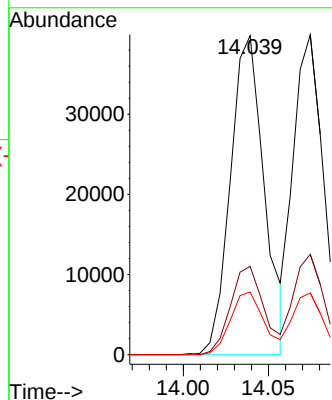
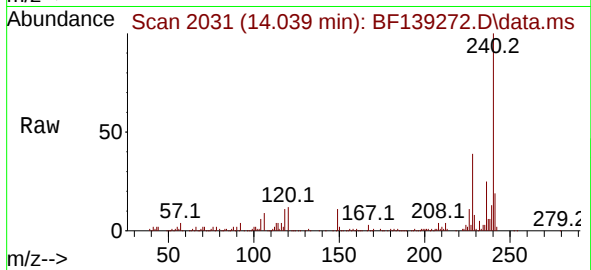




#81
Benzo(a)anthracene
Concen: 4.068 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

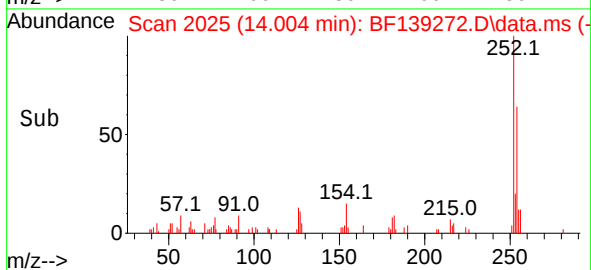
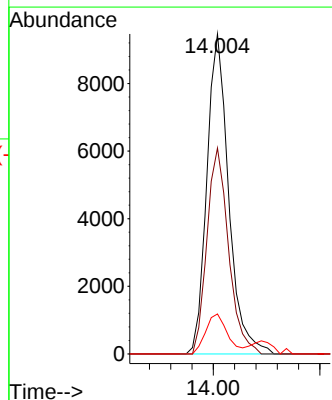
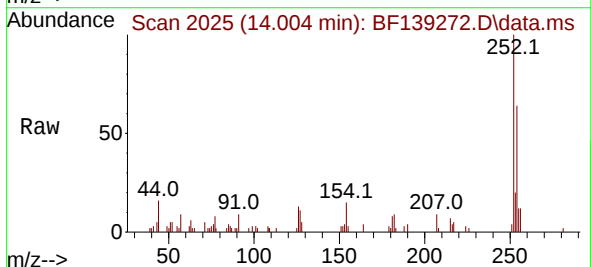
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2024

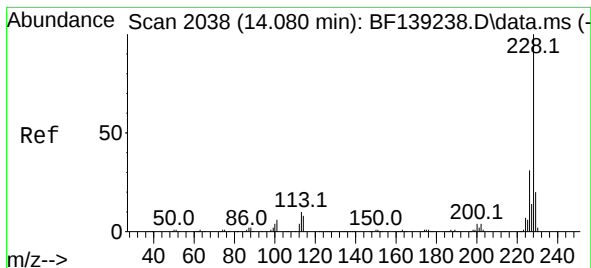
Tgt Ion:228 Resp: 55096
Ion Ratio Lower Upper
228 100
226 27.7 21.5 32.3
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 3.748 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF139272.D
Acq: 06 Sep 2024 11:31

Tgt Ion:252 Resp: 13479
Ion Ratio Lower Upper
252 100
254 64.3 51.5 77.3
126 12.5 9.2 13.8





#83

Chrysene

Concen: 3.912 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

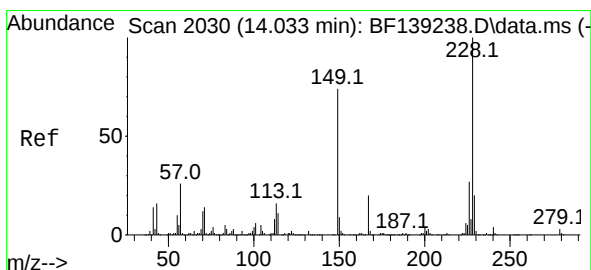
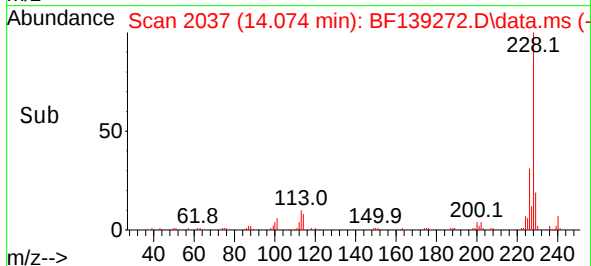
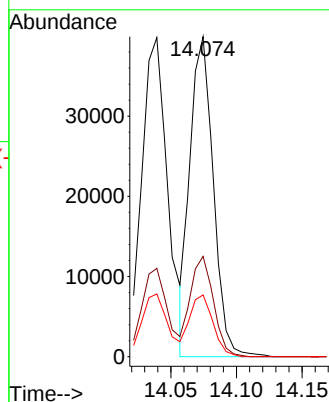
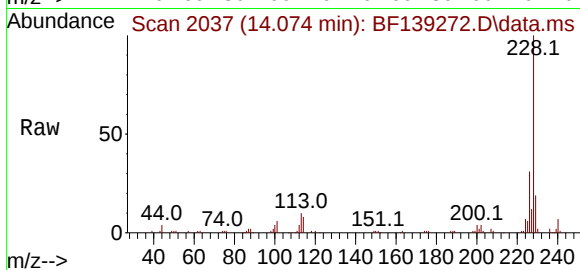
Tgt Ion:228 Resp: 49441

Ion Ratio Lower Upper

228 100

226 31.4 23.8 35.8

229 19.3 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.195 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

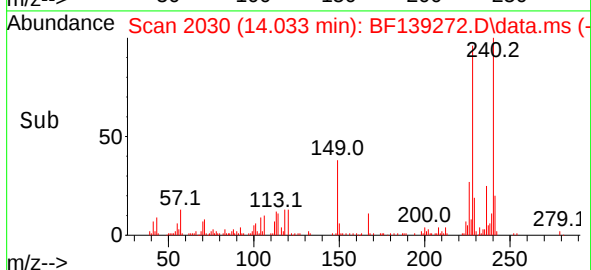
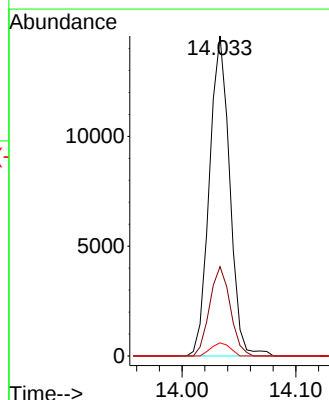
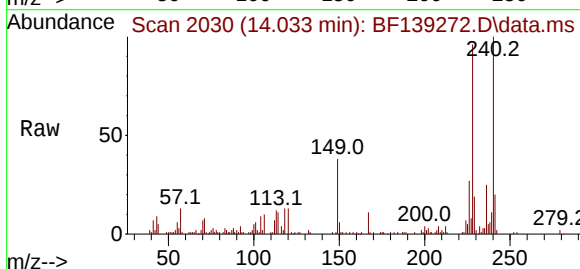
Tgt Ion:149 Resp: 18087

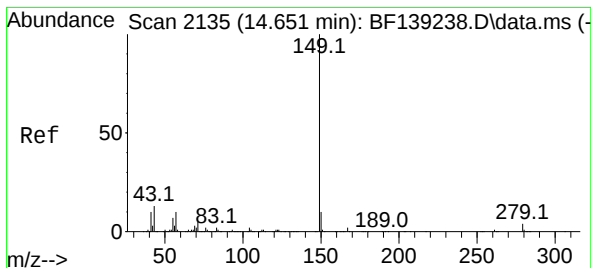
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 2.432 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

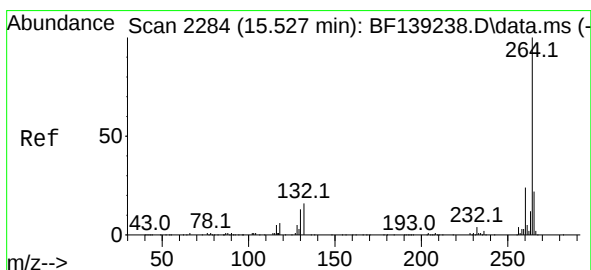
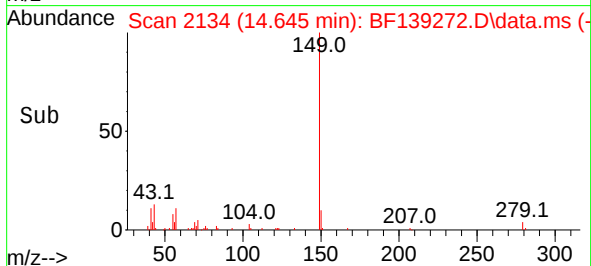
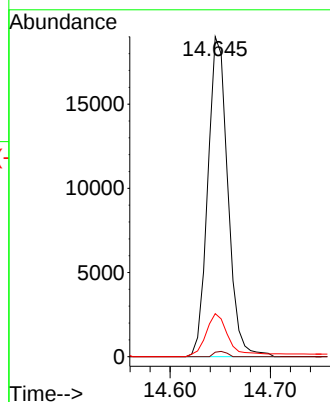
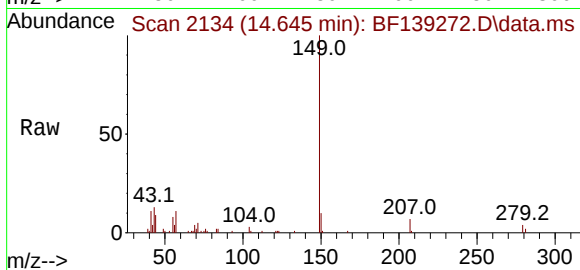
Tgt Ion:149 Resp: 26352

Ion Ratio Lower Upper

149 100

167 1.1 1.3 1.9#

43 15.7 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

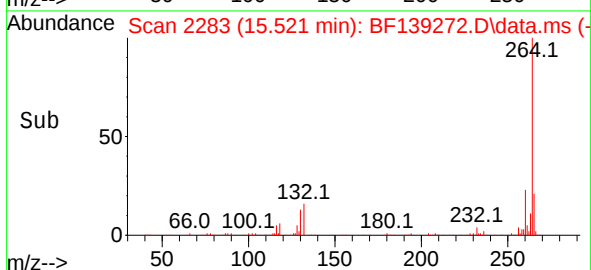
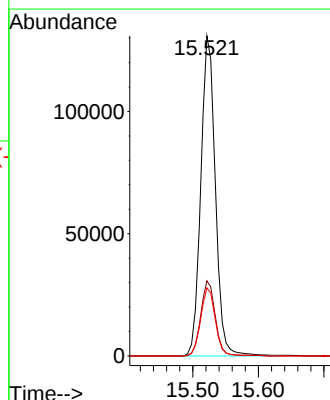
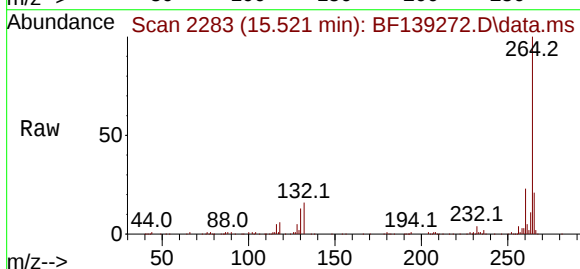
Tgt Ion:264 Resp: 202708

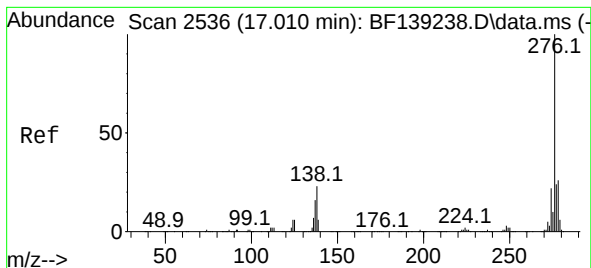
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.959 ng

RT: 16.998 min Scan# 2110

Delta R.T. -0.012 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

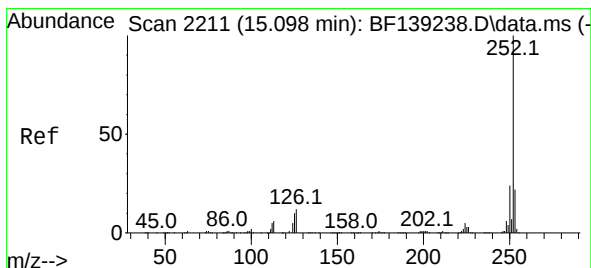
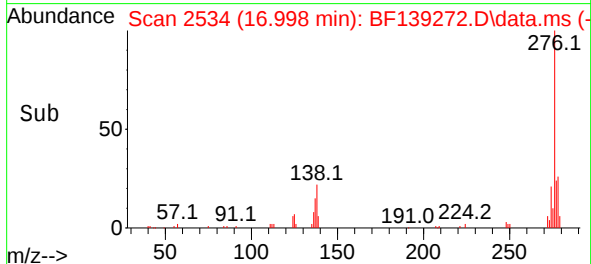
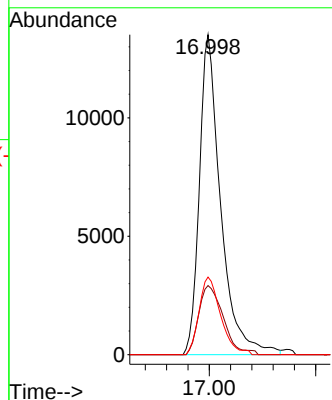
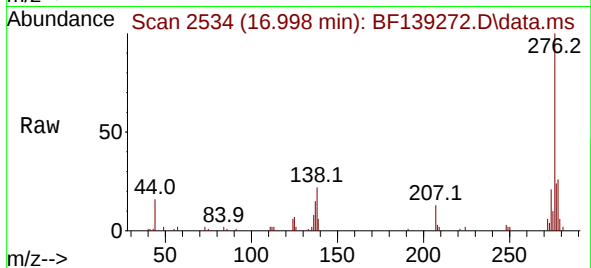
Tgt Ion:276 Resp: 37469

Ion Ratio Lower Upper

276 100

138 24.9 20.4 30.6

277 24.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 3.642 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

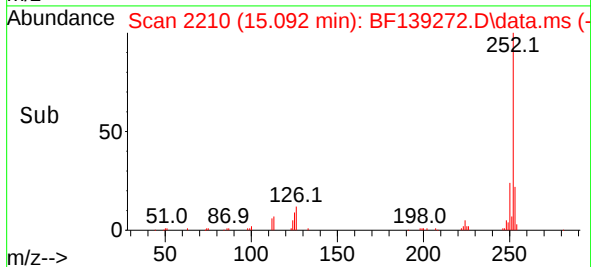
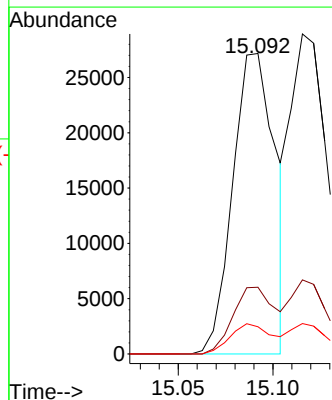
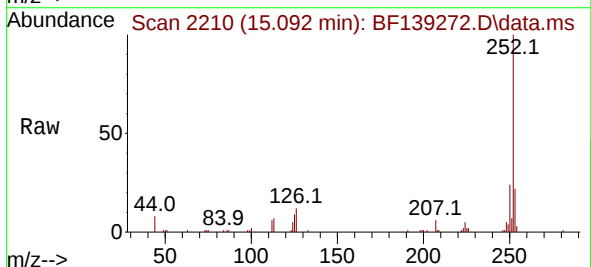
Tgt Ion:252 Resp: 42516

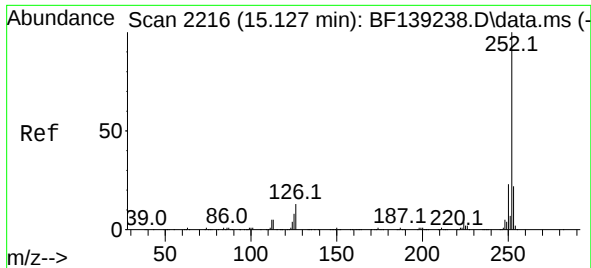
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.1 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 3.944 ng

RT: 15.116 min Scan# 2214

Delta R.T. -0.012 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

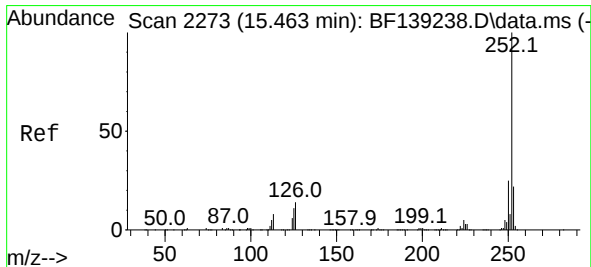
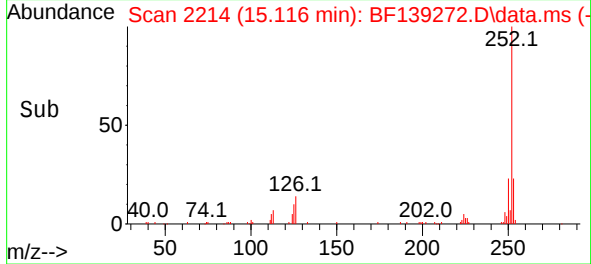
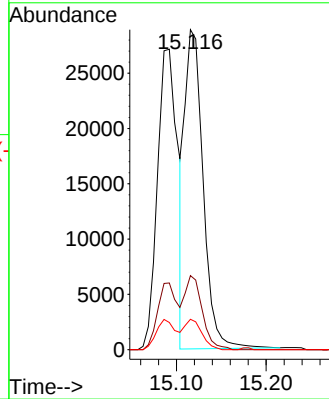
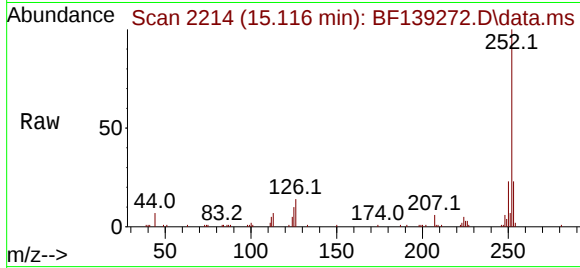
Tgt Ion:252 Resp: 41278

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 9.5 7.2 10.8



#90

Benzo(a)pyrene

Concen: 3.825 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

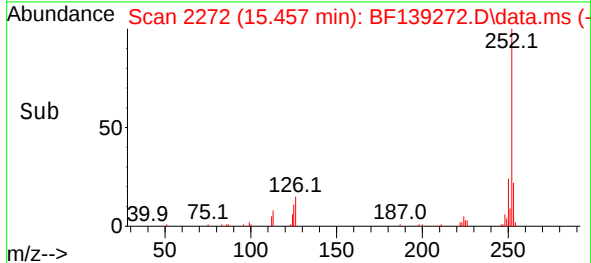
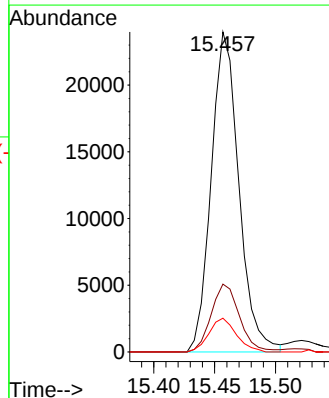
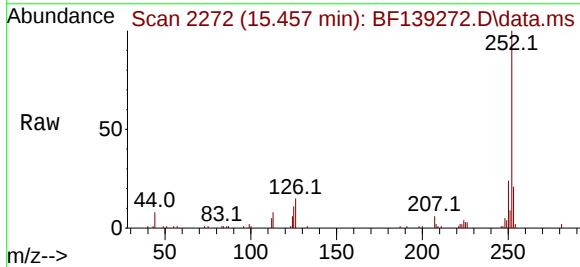
Tgt Ion:252 Resp: 37915

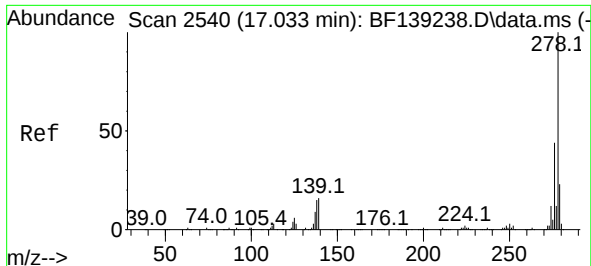
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 10.6 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 2.737 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2024

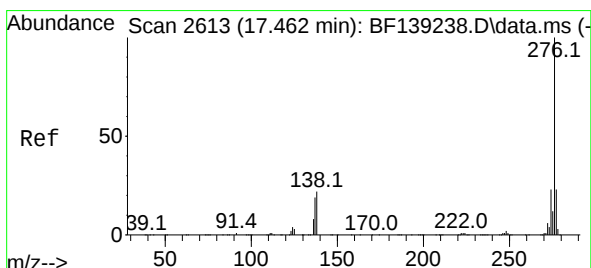
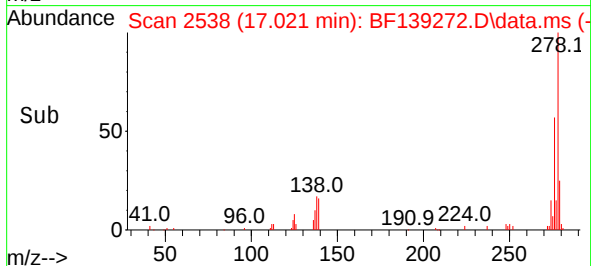
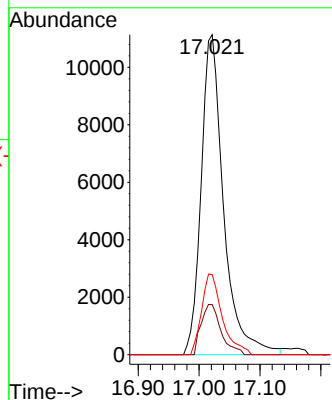
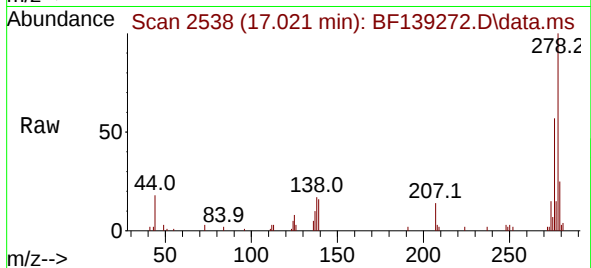
Tgt Ion:278 Resp: 28566

Ion Ratio Lower Upper

278 100

139 15.7 12.6 19.0

279 25.1 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 2.724 ng

RT: 17.439 min Scan# 2609

Delta R.T. -0.024 min

Lab File: BF139272.D

Acq: 06 Sep 2024 11:31

Tgt Ion:276 Resp: 29339

Ion Ratio Lower Upper

276 100

277 24.9 18.6 27.8

138 22.8 17.4 26.0

