

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
 Data File : BF131304.D
 Acq On : 18 Nov 2022 18:44
 Operator : CG\JU
 Sample : N4955-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Nov 21 01:38:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 00:46:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	89687	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	314265	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	187370	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	347499	20.000	ng	0.00
76) Chrysene-d12	14.174	240	237201	20.000	ng	0.00
86) Perylene-d12	15.716	264	177144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	516219	105.350	ng	0.00
7) Phenol-d6	6.581	99	648260	104.358	ng	0.00
23) Nitrobenzene-d5	7.534	82	488906	83.102	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	190295	114.088	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	982123	74.864	ng	0.00
79) Terphenyl-d14	13.116	244	1114727	70.247	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	9330	4.118	ng	99
3) Pyridine	3.575	79	21836	3.459	ng	99
4) n-Nitrosodimethylamine	3.487	42	14364	3.667	ng	# 74
6) Aniline	6.628	93	34122	4.389	ng	95
8) 2-Chlorophenol	6.751	128	22955	4.232	ng	90
9) Benzaldehyde	6.516	77	21236	4.709	ng	95
10) Phenol	6.593	94	27913	4.060	ng	98
11) bis(2-Chloroethyl)ether	6.698	93	23517	4.250	ng	95
12) 1,3-Dichlorobenzene	6.910	146	26662	4.132	ng	96
13) 1,4-Dichlorobenzene	6.987	146	26986	4.113	ng	97
14) 1,2-Dichlorobenzene	7.140	146	25927	4.245	ng	95
15) Benzyl Alcohol	7.128	79	19337	3.655	ng	# 63
16) 2,2'-oxybis(1-Chloropr...	7.240	45	44339	4.232	ng	99
17) 2-Methylphenol	7.204	107	18752	3.955	ng	94
18) Hexachloroethane	7.487	117	9205	3.946	ng	92
19) n-Nitroso-di-n-propyla...	7.369	70	18702	4.186	ng	96
20) 3+4-Methylphenols	7.357	107	25224	4.165	ng	# 88
22) Acetophenone	7.375	105	36740	4.424	ng	99
24) Nitrobenzene	7.551	77	27441	4.608	ng	# 90
25) Isophorone	7.787	82	49673	4.422	ng	97
26) 2-Nitrophenol	7.869	139	7536	3.996	ng	97
27) 2,4-Dimethylphenol	7.898	122	18651	4.223	ng	99
28) bis(2-Chloroethoxy)met...	7.998	93	28702	4.575	ng	97
29) 2,4-Dichlorophenol	8.104	162	19237	4.068	ng	96
30) 1,2,4-Trichlorobenzene	8.198	180	23949	4.079	ng	98
31) Naphthalene	8.281	128	71782	4.212	ng	99
32) Benzoic acid	7.928	122	5646	2.137	ng	87
33) 4-Chloroaniline	8.322	127	29253	4.419	ng	97
34) Hexachlorobutadiene	8.392	225	15843	4.083	ng	95
35) Caprolactam	8.651	113	5378	4.084	ng	# 92
36) 4-Chloro-3-methylphenol	8.792	107	19704	3.866	ng	99
37) 2-Methylnaphthalene	8.975	142	49681	4.326	ng	98
38) 1-Methylnaphthalene	9.075	142	47033	4.226	ng	100
40) 1,2,4,5-Tetrachloroben...	9.134	216	26136	4.263	ng	99
41) Hexachlorocyclopentadiene	9.122	237	11367	4.286	ng	95
43) 2,4,6-Trichlorophenol	9.245	196	12240	3.358	ng	93

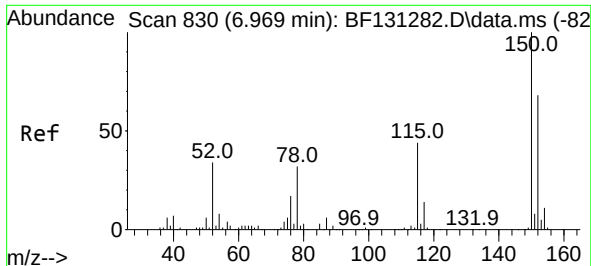
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
 Data File : BF131304.D
 Acq On : 18 Nov 2022 18:44
 Operator : CG\JU
 Sample : N4955-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Nov 21 01:38:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 00:46:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	15022	3.782	ng	95
46) 1,1'-Biphenyl	9.439	154	65722	4.542	ng	98
47) 2-Chloronaphthalene	9.463	162	48185	4.148	ng	100
48) 2-Nitroaniline	9.557	65	11618	3.618	ng	92
49) Acenaphthylene	9.881	152	73726	4.155	ng	99
50) Dimethylphthalate	9.734	163	57648	4.249	ng	99
51) 2,6-Dinitrotoluene	9.798	165	9052	4.062	ng	85
52) Acenaphthene	10.057	154	44654	4.033	ng	98
53) 3-Nitroaniline	9.963	138	9688	4.107	ng	92
54) 2,4-Dinitrophenol	10.069	184	1356	1.727	ng #	35
55) Dibenzofuran	10.228	168	69211	4.311	ng	96
56) 4-Nitrophenol	10.110	139	5341	3.009	ng #	86
57) 2,4-Dinitrotoluene	10.198	165	10625	3.943	ng #	84
58) Fluorene	10.575	166	54303	4.259	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.339	232	12503	3.717	ng	97
60) Diethylphthalate	10.439	149	54987	4.248	ng	99
61) 4-Chlorophenyl-phenyle...	10.563	204	28498	4.409	ng	99
62) 4-Nitroaniline	10.575	138	9609	4.010	ng	86
63) Azobenzene	10.728	77	56446	4.199	ng	97
65) 4,6-Dinitro-2-methylph...	10.604	198	2566	2.130	ng	91
66) n-Nitrosodiphenylamine	10.681	169	46189	4.125	ng	99
67) 4-Bromophenyl-phenylether	11.057	248	17322	4.154	ng	98
68) Hexachlorobenzene	11.116	284	19394	4.287	ng #	91
69) Atrazine	11.204	200	16029	4.487	ng	98
70) Pentachlorophenol	11.310	266	6920	2.863	ng #	90
71) Phenanthrene	11.539	178	80610	4.195	ng	99
72) Anthracene	11.592	178	80546	4.287	ng	99
73) Carbazole	11.745	167	67802	4.292	ng	99
74) Di-n-butylphthalate	12.080	149	83458	4.376	ng	100
75) Fluoranthene	12.733	202	82487	4.137	ng	98
77) Benzidine	12.863	184	31584	5.887	ng #	94
78) Pyrene	12.969	202	83426	3.656	ng	99
80) Butylbenzylphthalate	13.592	149	23707	3.434	ng	98
81) Benzo(a)anthracene	14.163	228	67568	4.040	ng	98
82) 3,3'-Dichlorobenzidine	14.127	252	18027	4.061	ng	98
83) Chrysene	14.198	228	65347	4.086	ng	96
84) Bis(2-ethylhexyl)phtha...	14.151	149	32261	4.015	ng	100
85) Di-n-octyl phthalate	14.780	149	41016	3.596	ng #	98
87) Indeno(1,2,3-cd)pyrene	17.286	276	43738	3.256	ng	98
88) Benzo(b)fluoranthene	15.251	252	49902	4.186	ng	97
89) Benzo(k)fluoranthene	15.280	252	47615	3.907	ng	98
90) Benzo(a)pyrene	15.645	252	40306	4.118	ng	98
91) Dibenzo(a,h)anthracene	17.315	278	38017	3.439	ng	95
92) Benzo(g,h,i)perylene	17.757	276	38184	3.416	ng	98

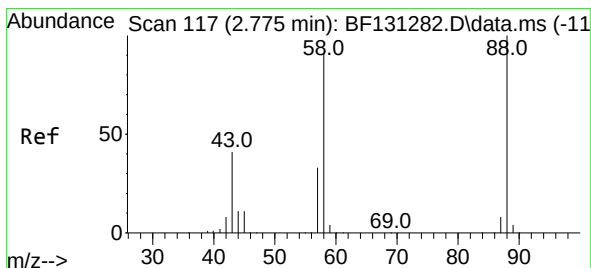
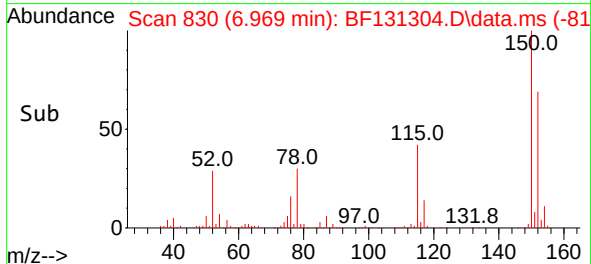
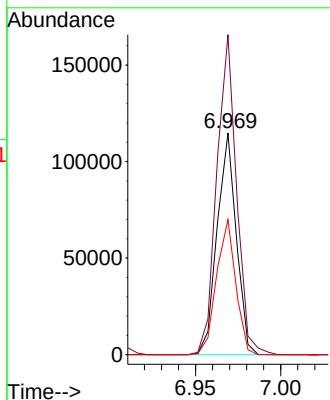
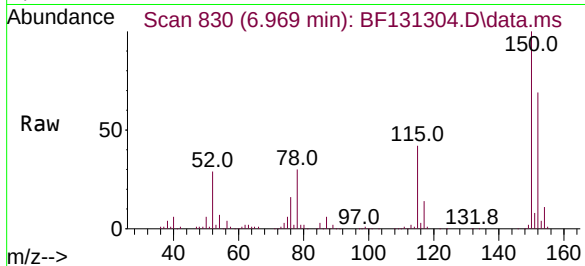
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131304.D
 Acq: 18 Nov 2022 18:44

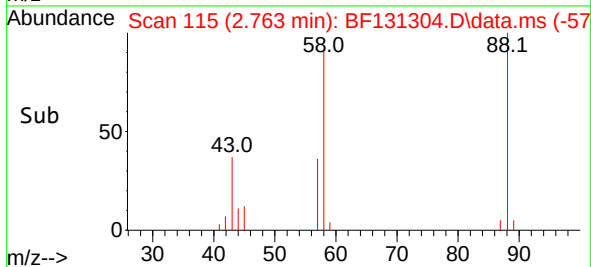
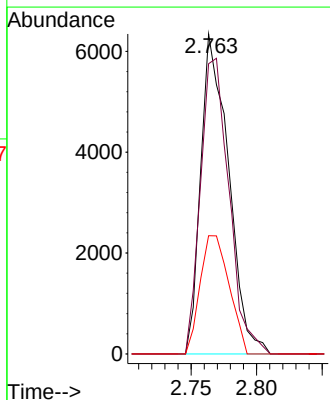
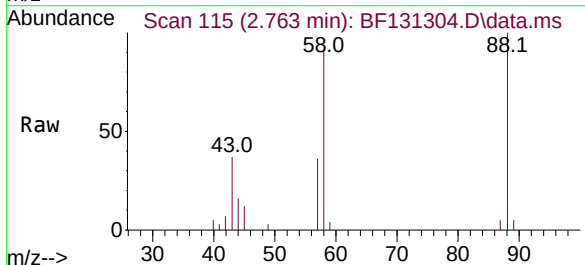
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

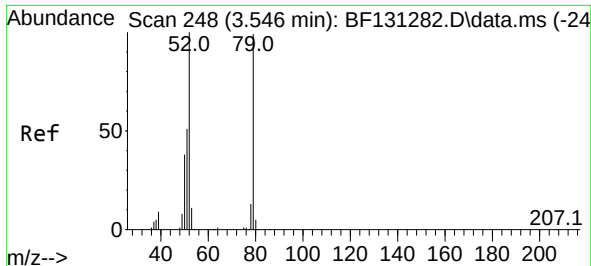
Tgt Ion:152 Resp: 89687
 Ion Ratio Lower Upper
 152 100
 150 144.5 117.8 176.6
 115 60.9 52.2 78.4



#2
 1,4-Dioxane
 Concen: 4.118 ng
 RT: 2.763 min Scan# 115
 Delta R.T. -0.012 min
 Lab File: BF131304.D
 Acq: 18 Nov 2022 18:44

Tgt Ion: 88 Resp: 9330
 Ion Ratio Lower Upper
 88 100
 58 95.1 76.0 114.0
 43 38.6 32.4 48.6

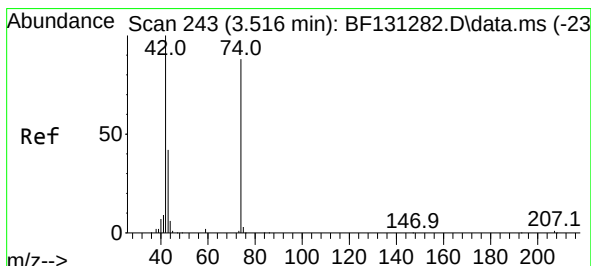
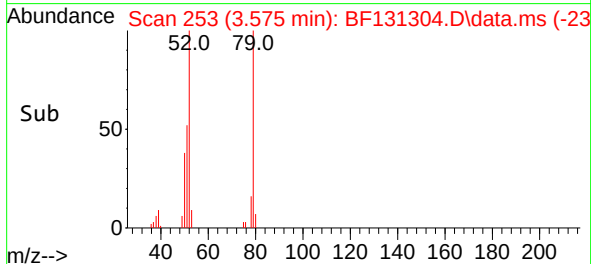
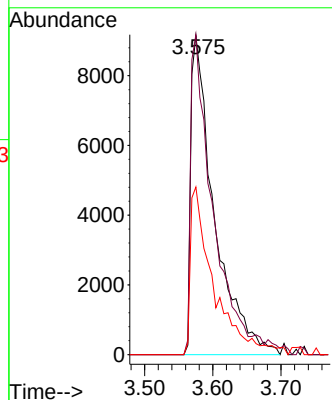
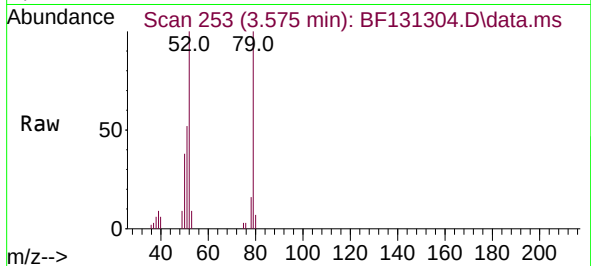




#3
 Pyridine
 Concen: 3.459 ng
 RT: 3.575 min Scan# 21
 Delta R.T. 0.029 min
 Lab File: BF131304.D
 Acq: 18 Nov 2022 18:44

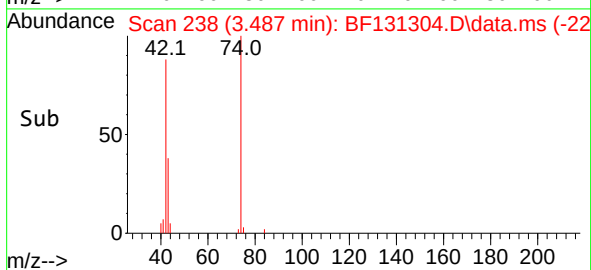
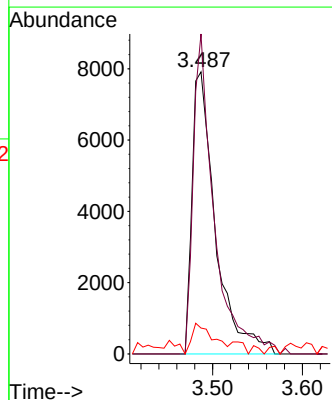
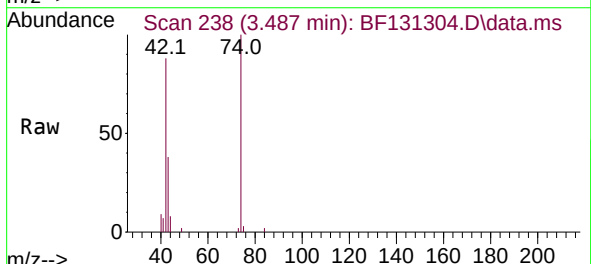
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

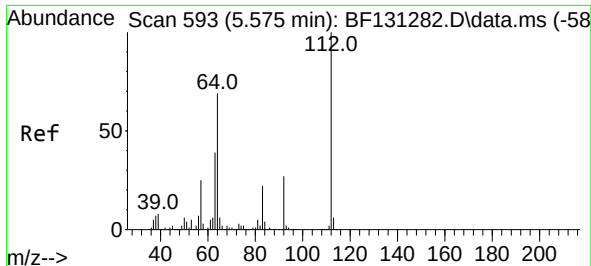
Tgt Ion: 79 Resp: 21836
 Ion Ratio Lower Upper
 79 100
 52 100.4 80.7 121.1
 51 52.6 41.6 62.4



#4
 n-Nitrosodimethylamine
 Concen: 3.667 ng
 RT: 3.487 min Scan# 238
 Delta R.T. -0.029 min
 Lab File: BF131304.D
 Acq: 18 Nov 2022 18:44

Tgt Ion: 42 Resp: 14364
 Ion Ratio Lower Upper
 42 100
 74 113.4 70.3 105.5#
 44 9.2 5.4 8.2#

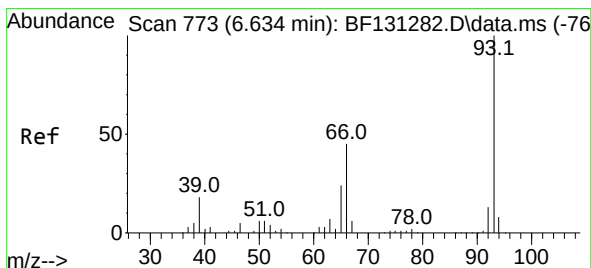
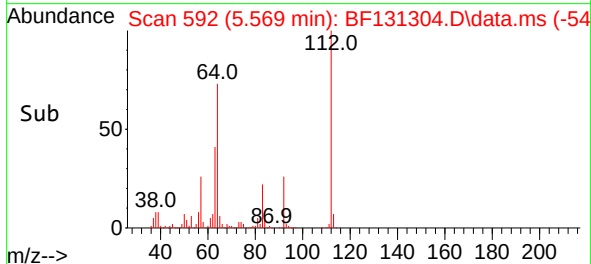
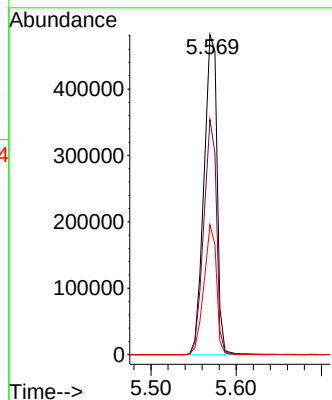
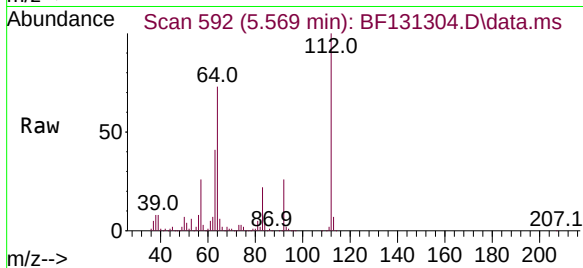




#5
2-Fluorophenol
Concen: 105.350 ng
RT: 5.569 min Scan# 593
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

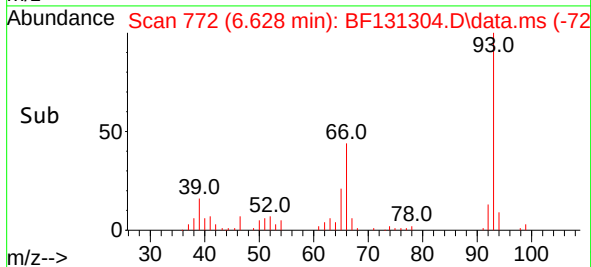
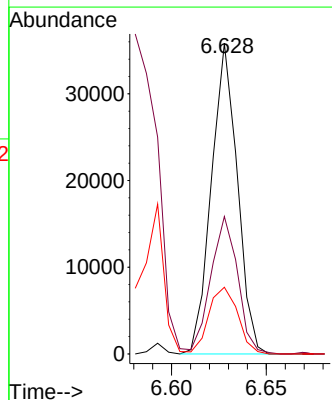
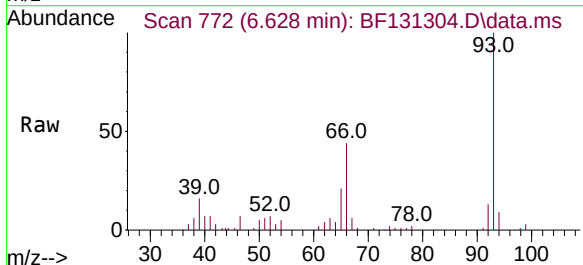
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

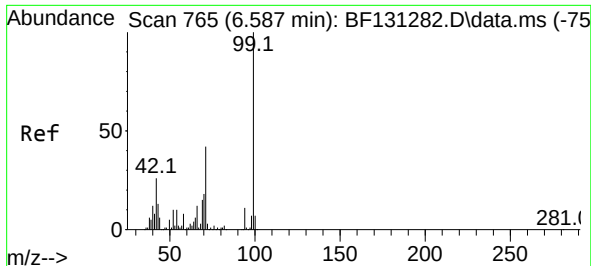
Tgt Ion:112 Resp: 516219
Ion Ratio Lower Upper
112 100
64 73.4 55.5 83.3
63 40.6 31.0 46.6



#6
Aniline
Concen: 4.389 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion: 93 Resp: 34122
Ion Ratio Lower Upper
93 100
66 44.2 37.7 56.5
65 21.4 19.5 29.3

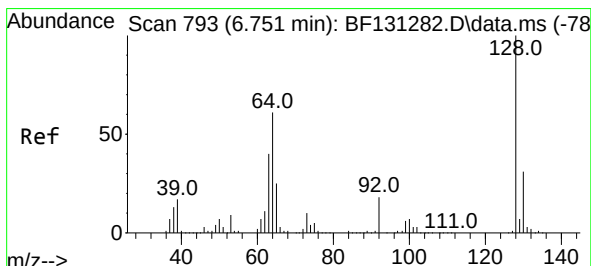
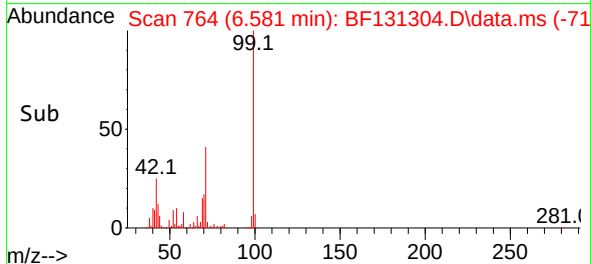
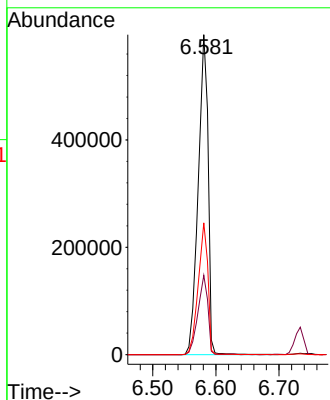
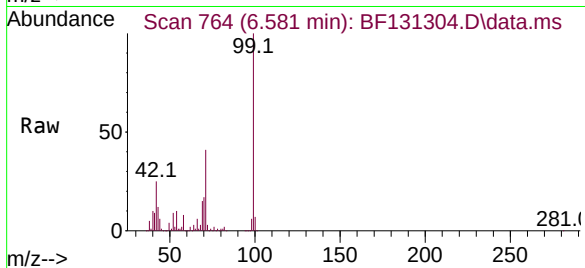




#7
Phenol-d6
Concen: 104.358 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

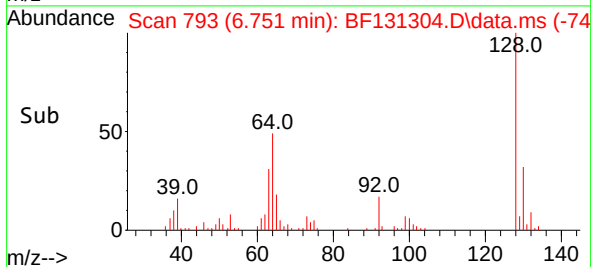
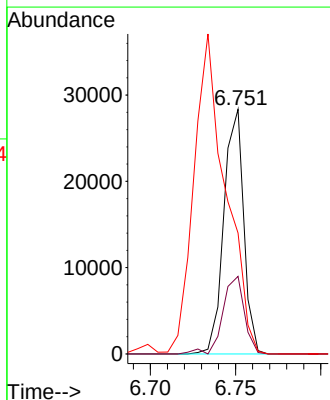
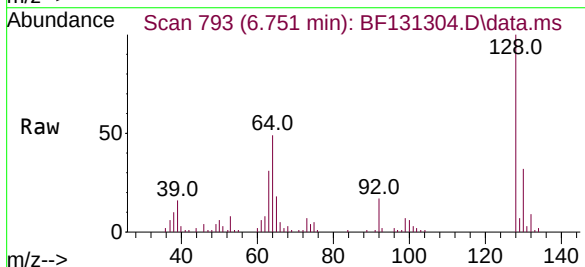
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

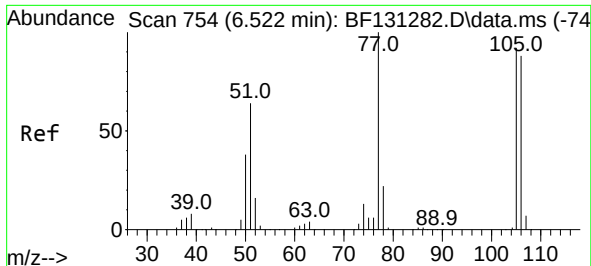
Tgt Ion: 99 Resp: 648260
Ion Ratio Lower Upper
99 100
42 24.8 21.2 31.8
71 41.2 33.8 50.6



#8
2-Chlorophenol
Concen: 4.232 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion: 128 Resp: 22955
Ion Ratio Lower Upper
128 100
130 31.7 11.4 51.4
64 49.5 40.9 80.9





#9

Benzaldehyde

Concen: 4.709 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF131304.D

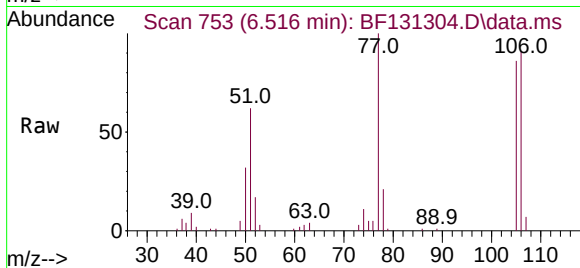
Acq: 18 Nov 2022 18:44

Instrument :

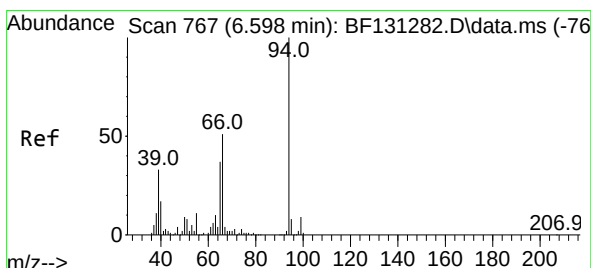
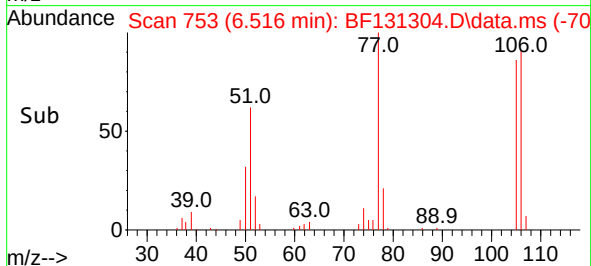
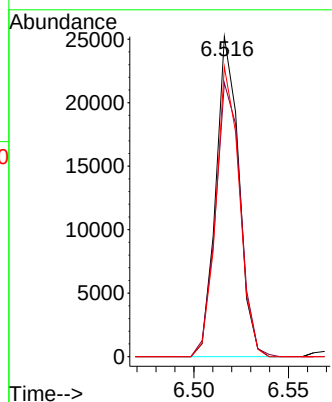
BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



Tgt Ion:	77	Resp:	21236
Ion	Ratio	Lower	Upper
77	100		
105	85.5	72.5	112.5
106	90.5	67.7	107.7



#10

Phenol

Concen: 4.060 ng

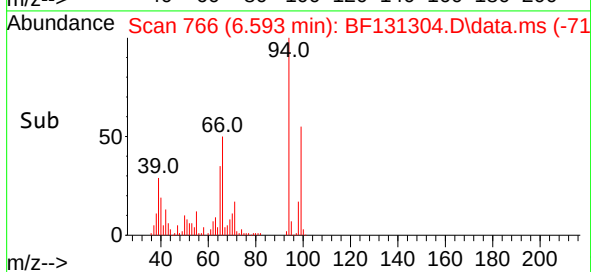
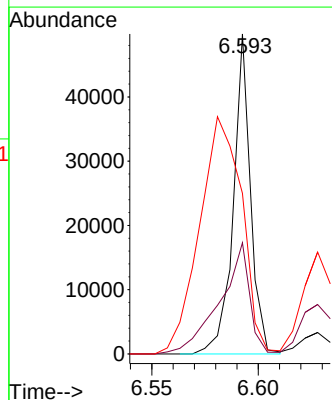
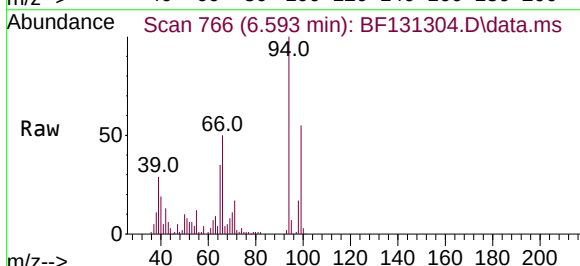
RT: 6.593 min Scan# 766

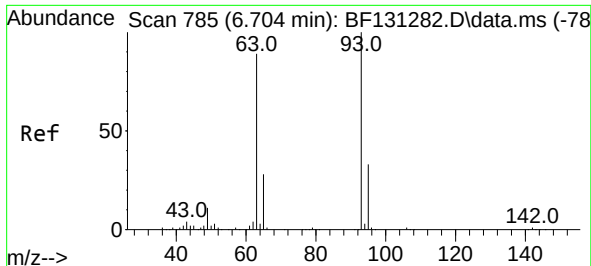
Delta R.T. -0.006 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

Tgt Ion:	94	Resp:	27913
Ion	Ratio	Lower	Upper
94	100		
65	34.7	16.8	56.8
66	50.2	31.4	71.4





#11

bis(2-Chloroethyl)ether

Concen: 4.250 ng

RT: 6.698 min Scan# 785

Delta R.T. -0.006 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

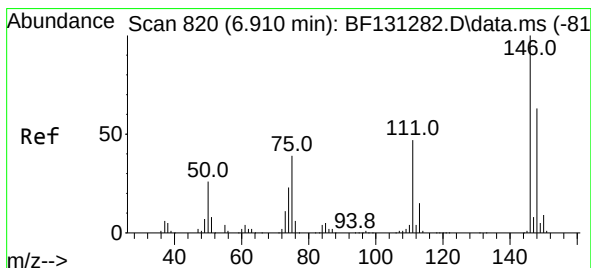
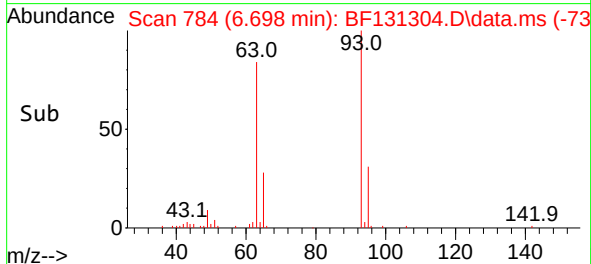
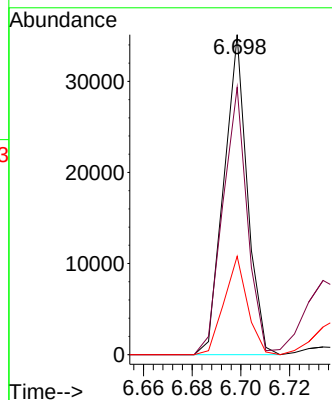
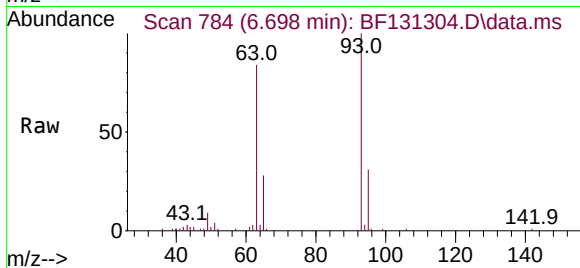
Tgt Ion: 93 Resp: 23517

Ion Ratio Lower Upper

93 100

63 83.5 68.8 108.8

95 30.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 4.132 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

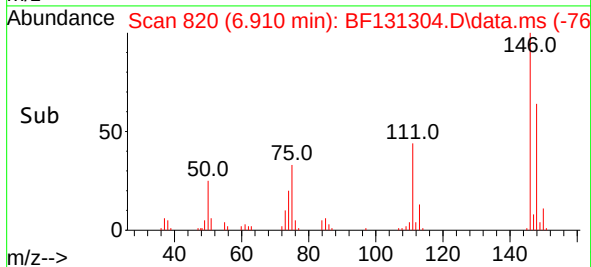
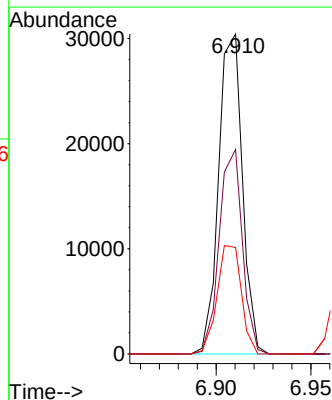
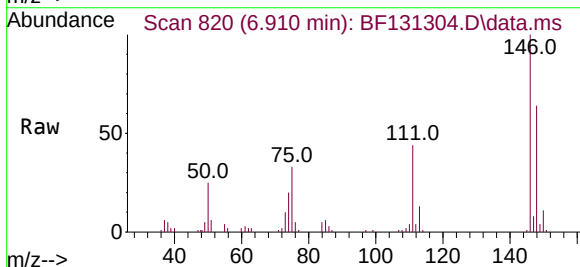
Tgt Ion:146 Resp: 26662

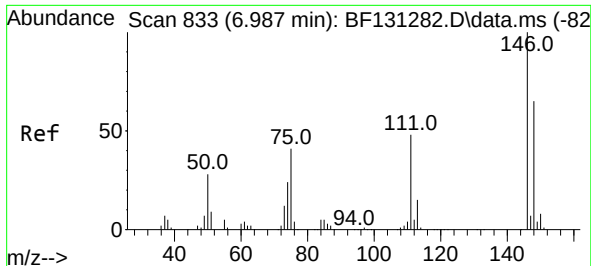
Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

75 33.3 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 4.113 ng

RT: 6.987 min Scan# 833

Delta R.T. 0.000 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

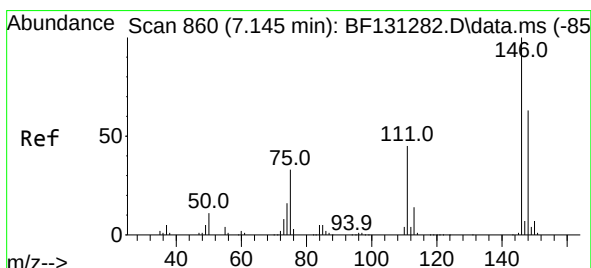
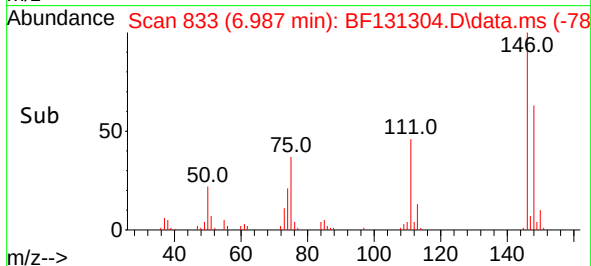
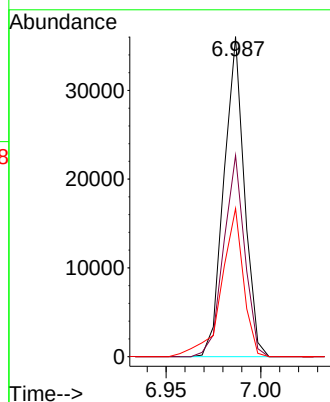
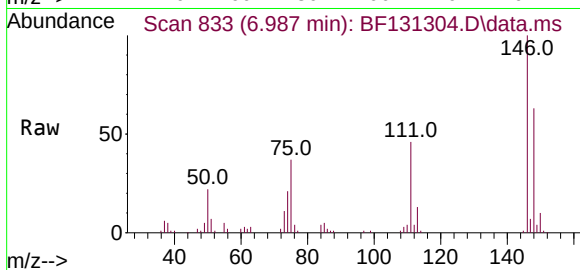
Tgt Ion:146 Resp: 26986

Ion Ratio Lower Upper

146 100

148 62.9 51.9 77.9

111 46.3 38.3 57.5



#14

1,2-Dichlorobenzene

Concen: 4.245 ng

RT: 7.140 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

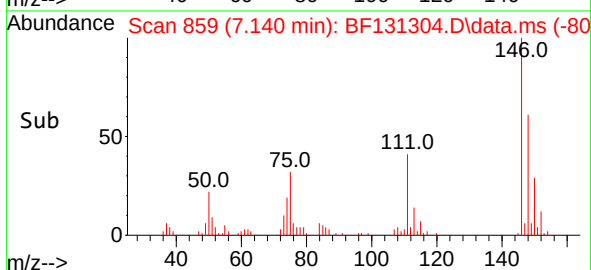
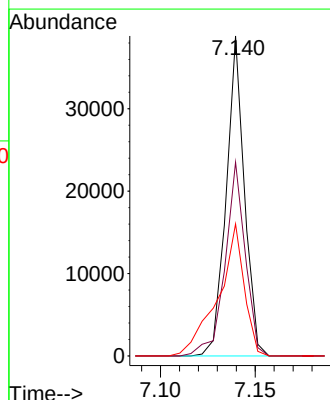
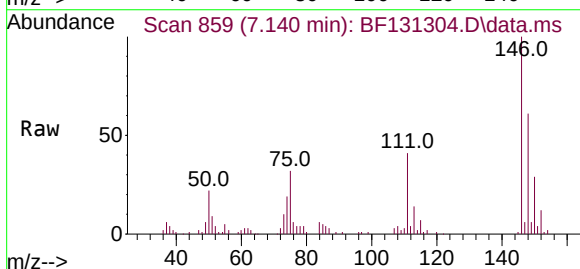
Tgt Ion:146 Resp: 25927

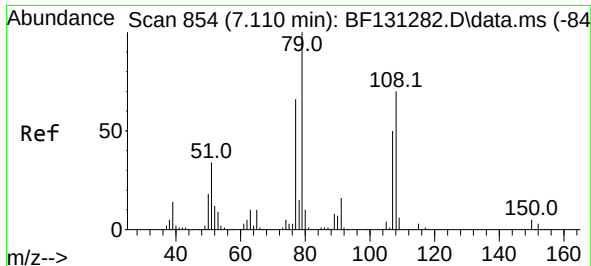
Ion Ratio Lower Upper

146 100

148 60.5 50.6 75.8

111 41.2 36.4 54.6

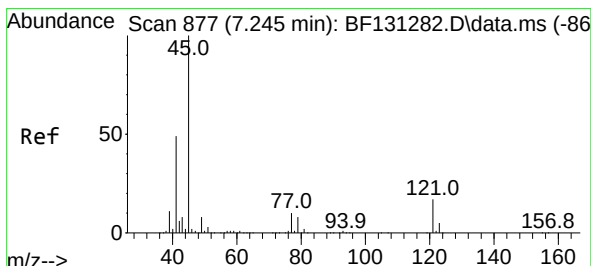
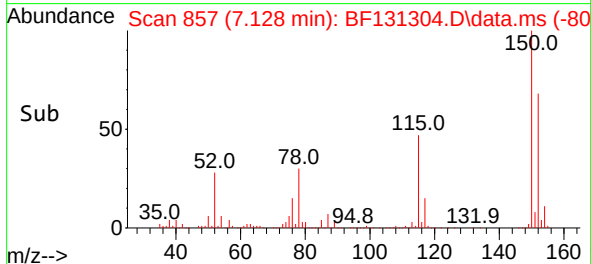
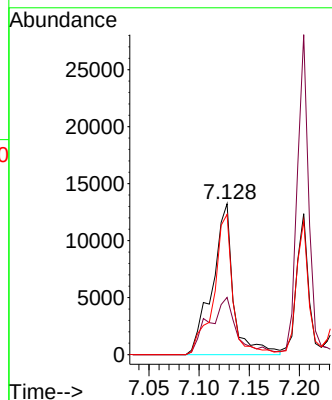
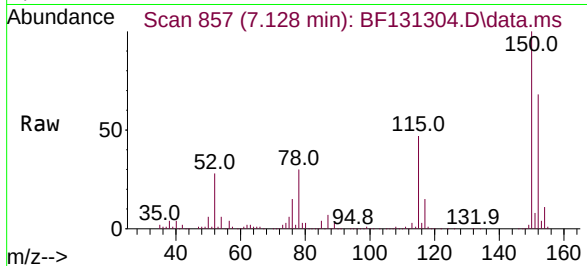




#15
Benzyl Alcohol
Concen: 3.655 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

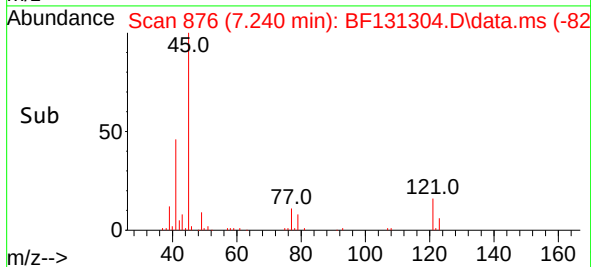
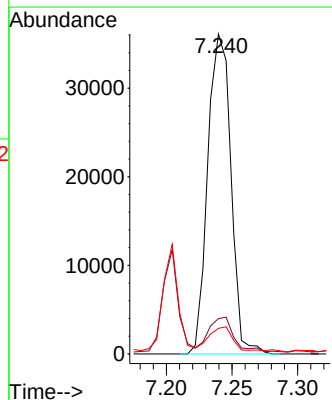
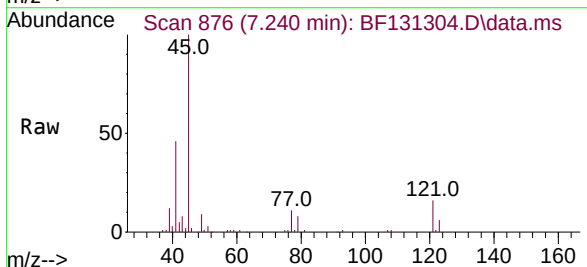
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

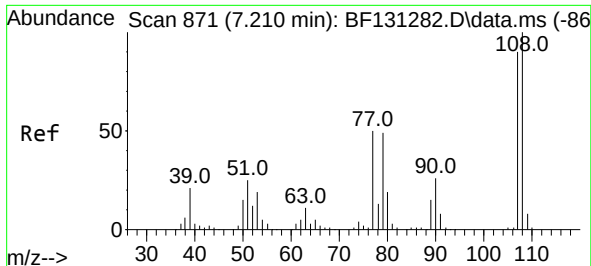
Tgt Ion: 79 Resp: 19337
Ion Ratio Lower Upper
79 100
108 37.9 56.3 84.5#
77 93.0 52.5 78.7#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.232 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion: 45 Resp: 44339
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.8
79 8.0 0.0 28.4

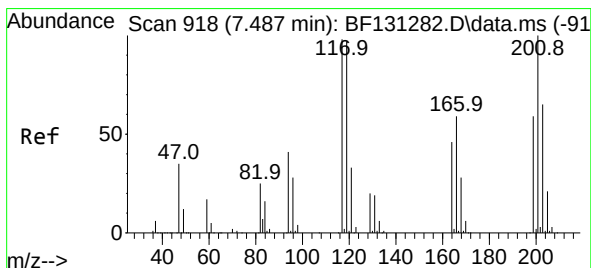
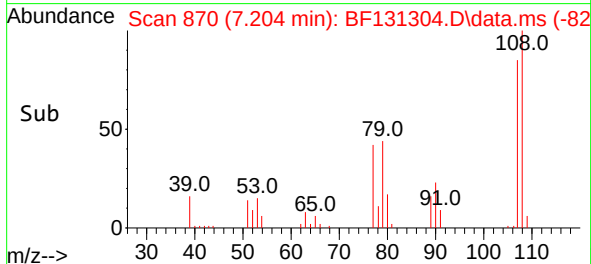
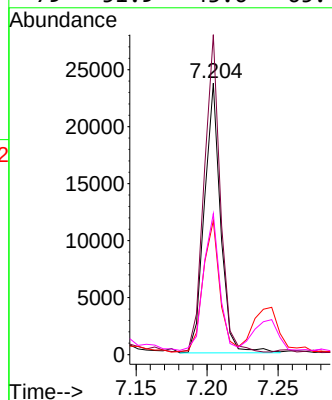
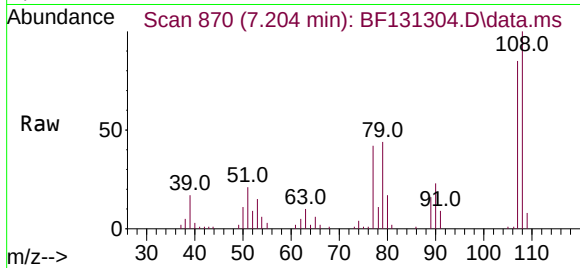




#17
2-Methylphenol
Concen: 3.955 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

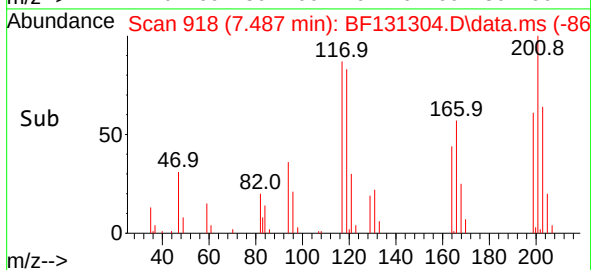
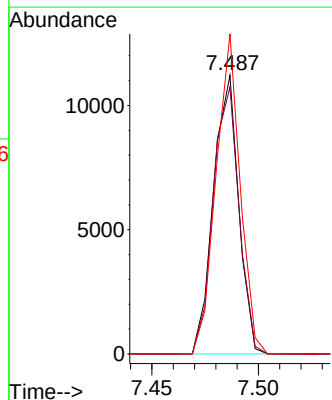
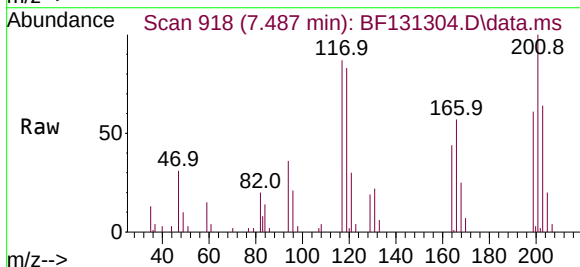
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

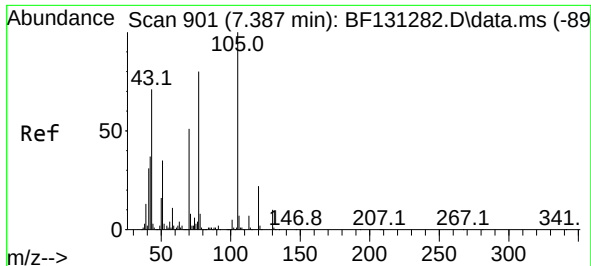
Tgt Ion:	107	Resp:	18752
Ion	Ratio	Lower	Upper
107	100		
108	117.9	89.2	133.8
77	49.3	45.0	67.4
79	51.9	43.6	65.4



#18
Hexachloroethane
Concen: 3.946 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:	117	Resp:	9205
Ion	Ratio	Lower	Upper
117	100		
119	95.8	79.0	118.4
201	114.8	81.7	122.5

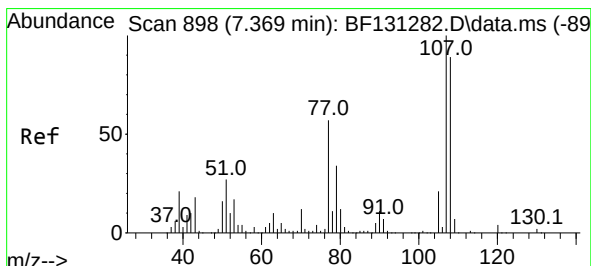
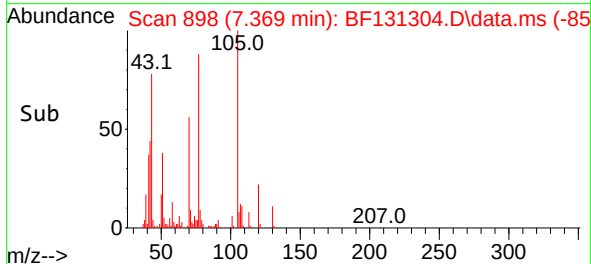
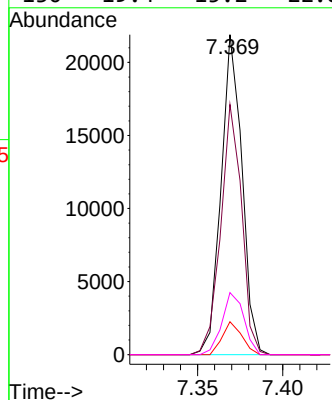
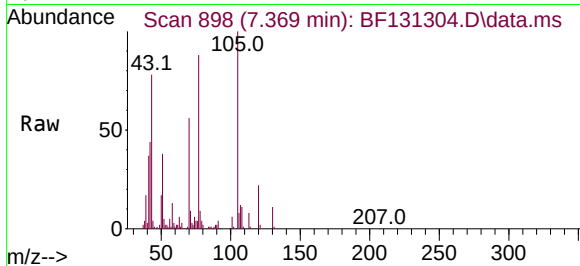




#19
n-Nitroso-di-n-propylamine
Concen: 4.186 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

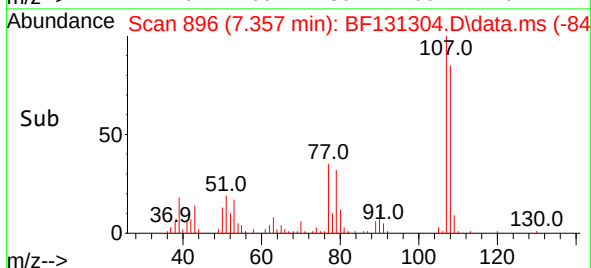
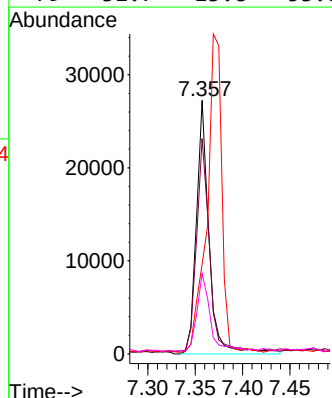
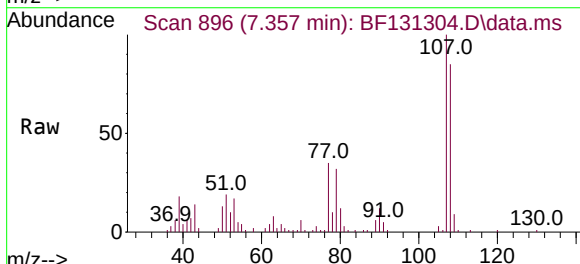
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

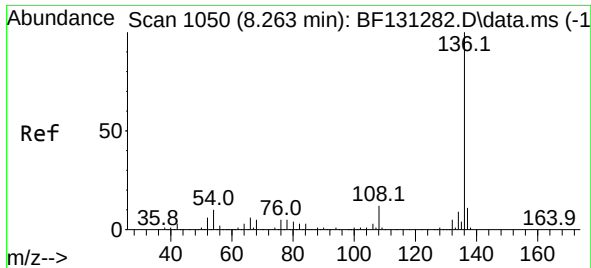
Tgt Ion:	70	Resp:	18702
Ion	Ratio	Lower	Upper
70	100		
42	78.2	58.9	88.3
101	10.3	7.2	10.8
130	19.4	15.2	22.8



#20
3+4-Methylphenols
Concen: 4.165 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:	107	Resp:	25224
Ion	Ratio	Lower	Upper
107	100		
108	84.9	69.0	109.0
77	35.3	36.9	76.9#
79	31.7	13.8	53.8

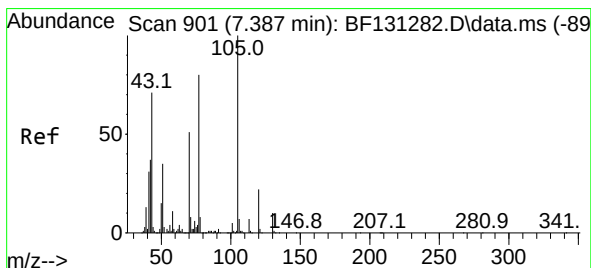
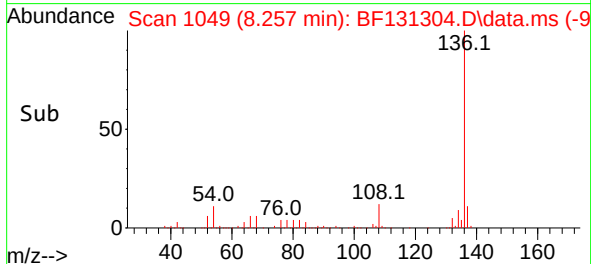
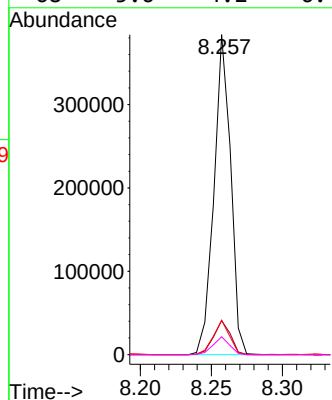
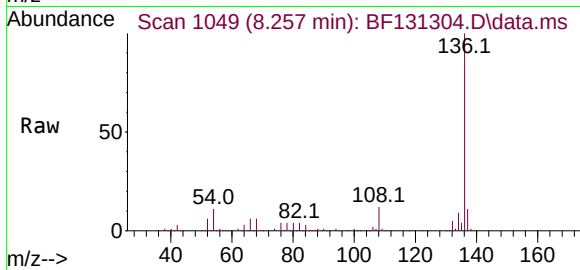




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

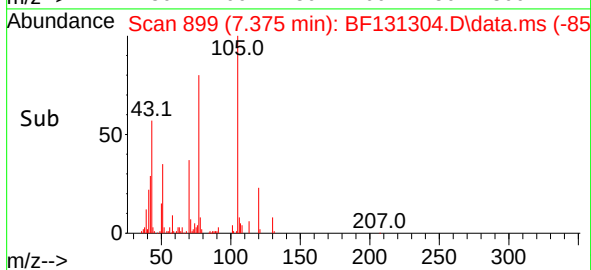
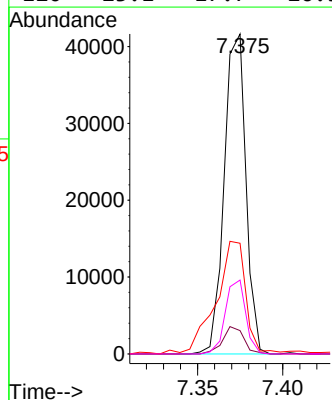
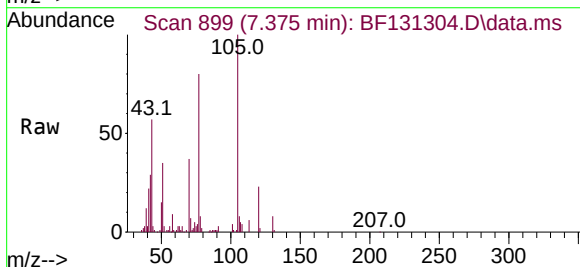
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

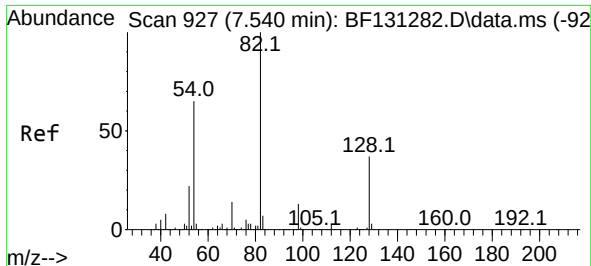
Tgt Ion:136	Resp:	314265
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 12.8
54	10.7	8.2 12.2
68	5.6	4.2 6.4



#22
Acetophenone
Concen: 4.424 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:105	Resp:	36740
Ion Ratio	Lower	Upper
105	100	
71	7.3	6.4 9.6
51	34.6	28.0 42.0
120	23.1	17.7 26.5

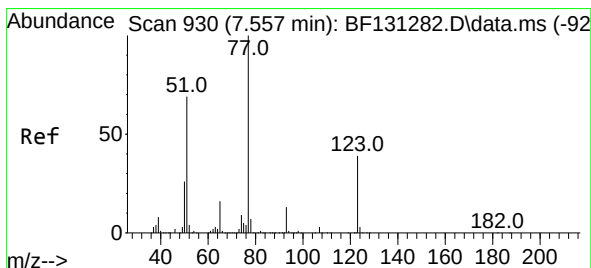
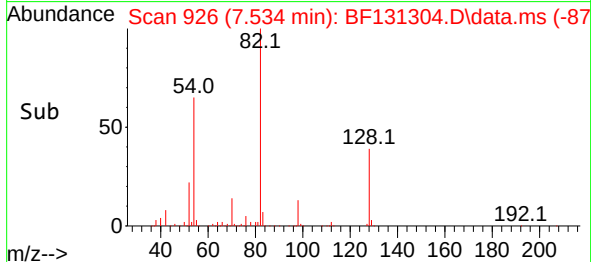
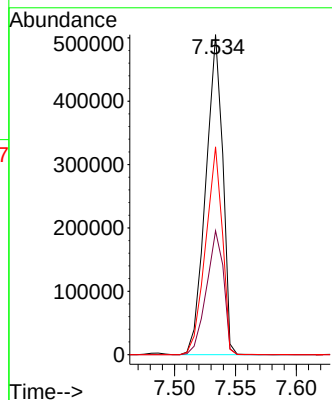
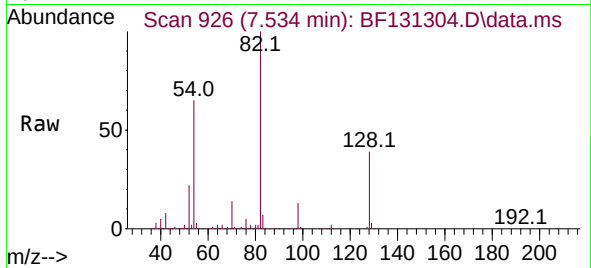




#23
Nitrobenzene-d5
Concen: 83.102 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

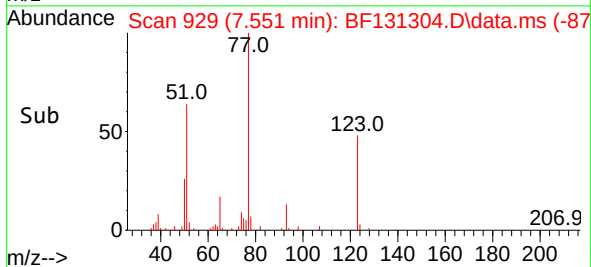
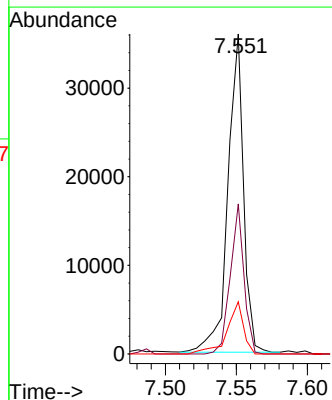
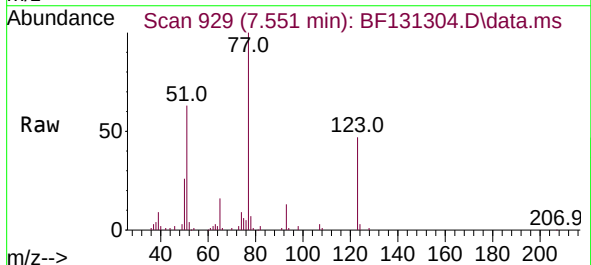
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

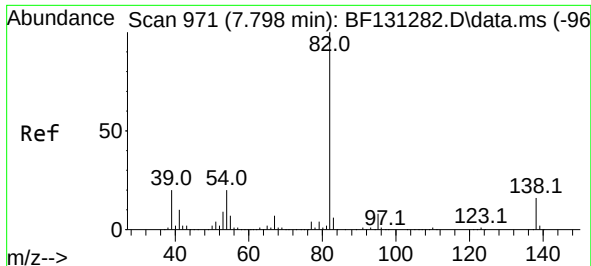
Tgt Ion: 82 Resp: 488906
Ion Ratio Lower Upper
82 100
128 38.7 29.2 43.8
54 64.9 52.2 78.4



#24
Nitrobenzene
Concen: 4.608 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion: 77 Resp: 27441
Ion Ratio Lower Upper
77 100
123 46.9 31.0 46.6#
65 16.3 12.6 19.0

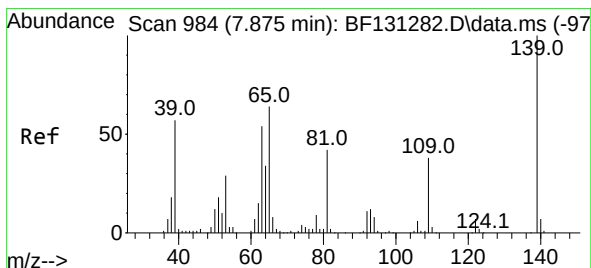
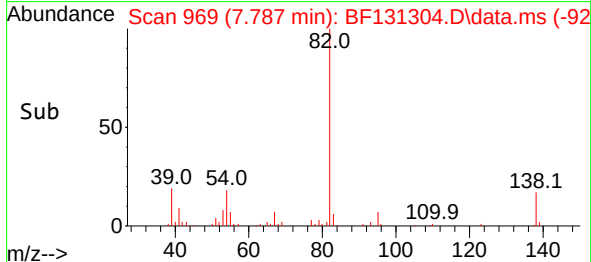
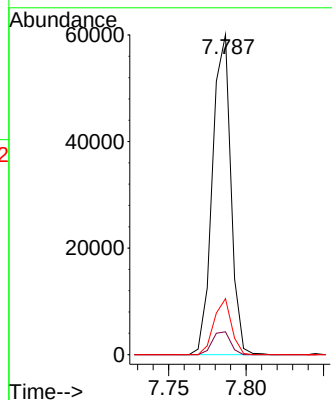
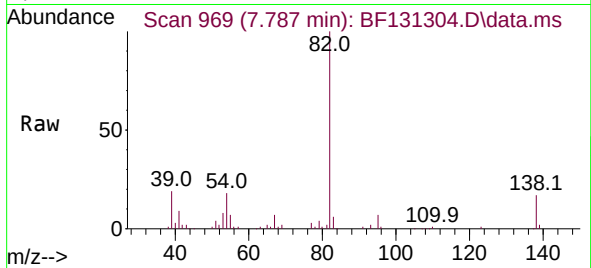




#25
Isophorone
Concen: 4.422 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.011 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

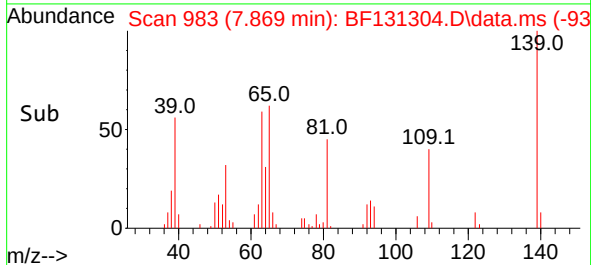
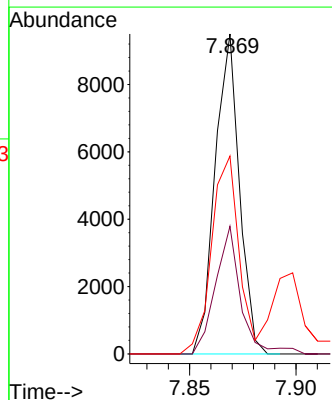
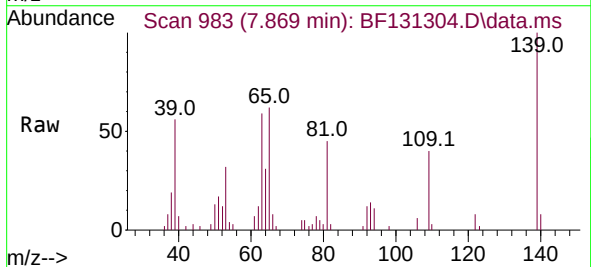
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

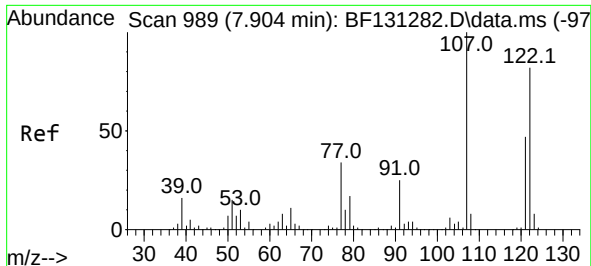
Tgt Ion: 82 Resp: 49673
Ion Ratio Lower Upper
82 100
95 7.1 6.6 9.8
138 17.5 13.0 19.6



#26
2-Nitrophenol
Concen: 3.996 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion: 139 Resp: 7536
Ion Ratio Lower Upper
139 100
109 39.9 30.4 45.6
65 61.8 51.5 77.3





#27

2,4-Dimethylphenol

Concen: 4.223 ng

RT: 7.898 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

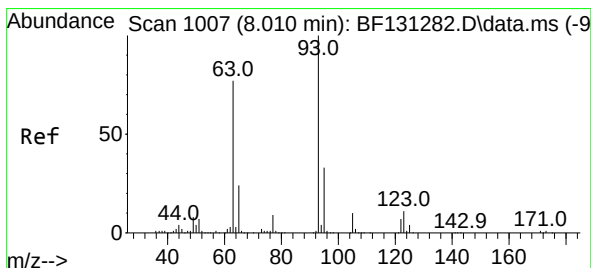
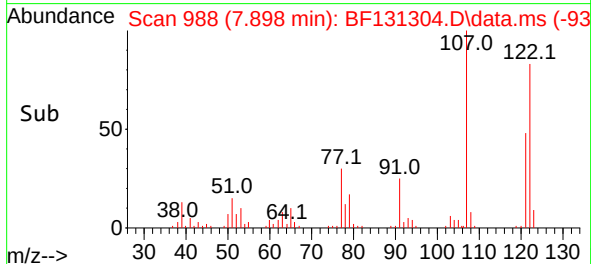
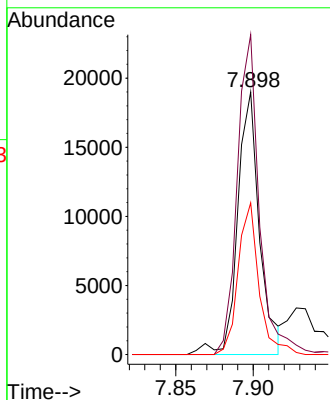
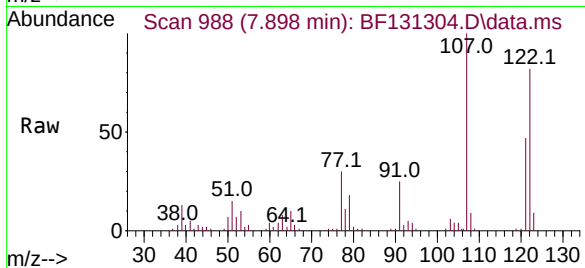
Tgt Ion:122 Resp: 18651

Ion Ratio Lower Upper

122 100

107 121.8 98.2 147.2

121 57.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 4.575 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

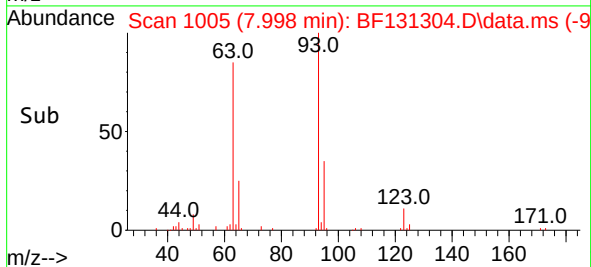
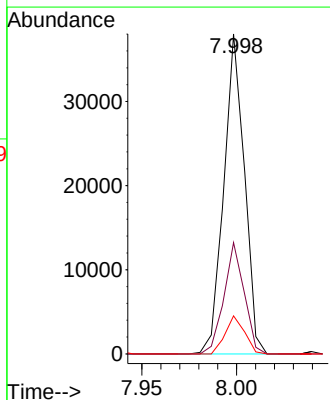
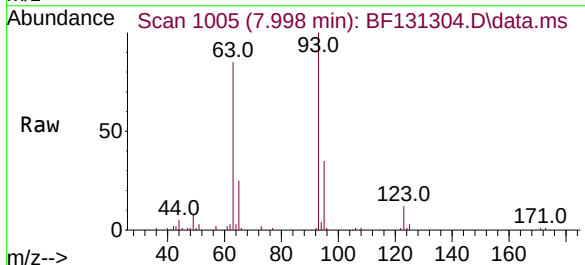
Tgt Ion: 93 Resp: 28702

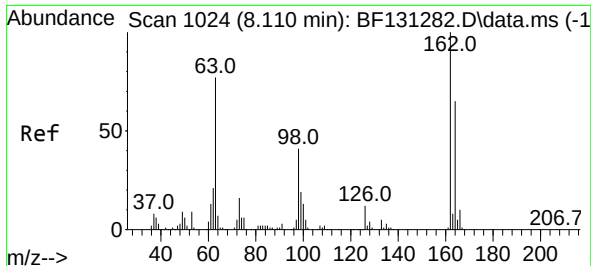
Ion Ratio Lower Upper

93 100

95 34.8 26.4 39.6

123 11.9 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 4.068 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

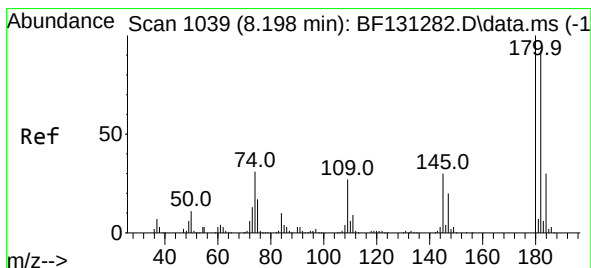
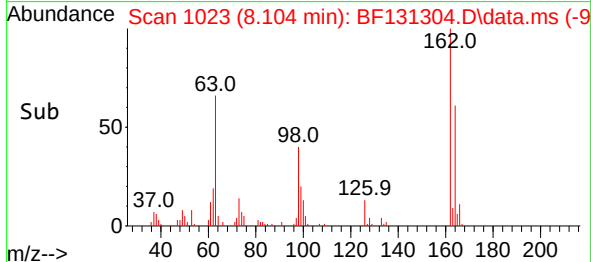
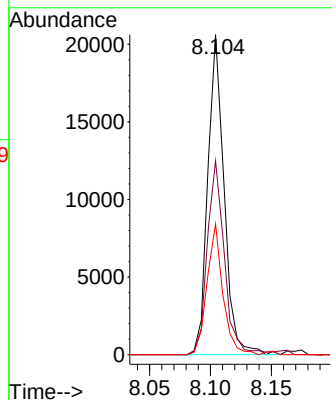
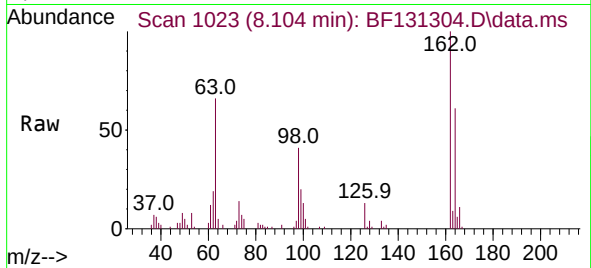
Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:162	Resp:	19237
Ion Ratio	Lower	Upper
162	100	
164	60.5	44.7 84.7
98	40.8	21.5 61.5



#30

1,2,4-Trichlorobenzene

Concen: 4.079 ng

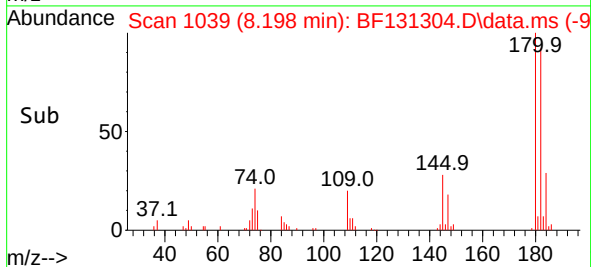
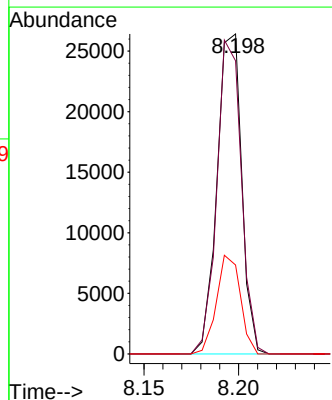
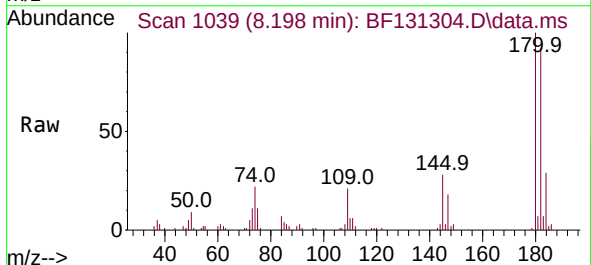
RT: 8.198 min Scan# 1039

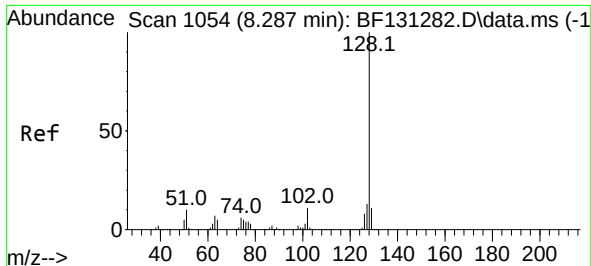
Delta R.T. 0.000 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

Tgt Ion:180	Resp:	23949
Ion Ratio	Lower	Upper
180	100	
182	91.6	74.0 111.0
145	27.8	23.8 35.6

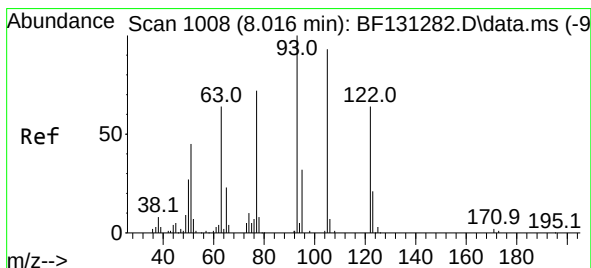
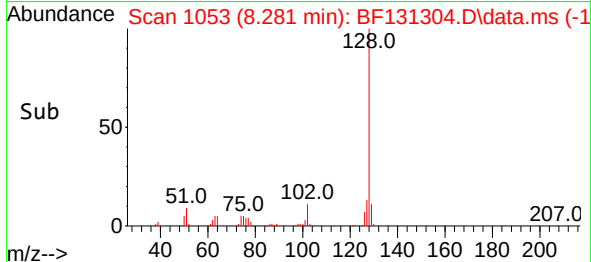
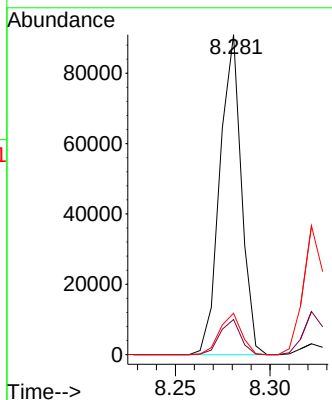
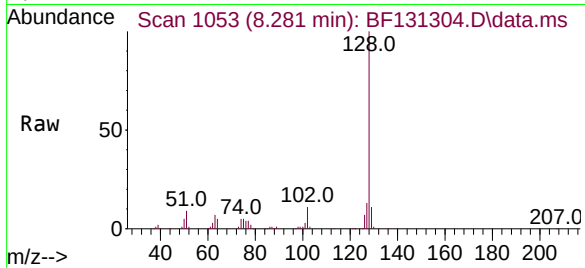




#31
Naphthalene
Concen: 4.212 ng
RT: 8.281 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

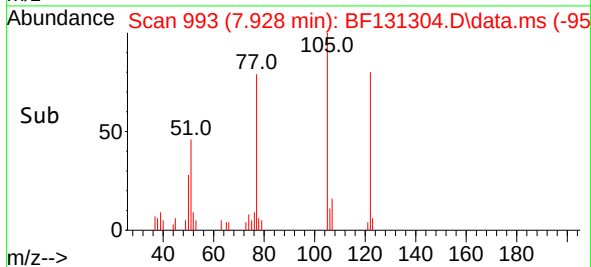
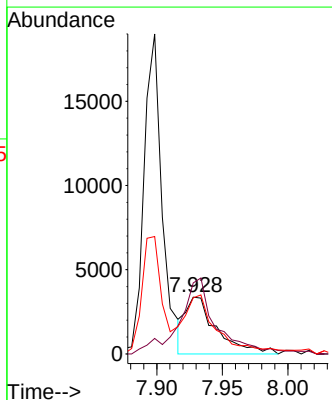
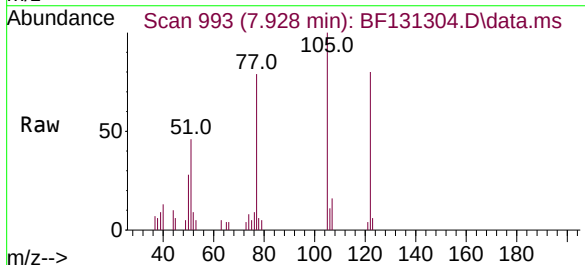
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

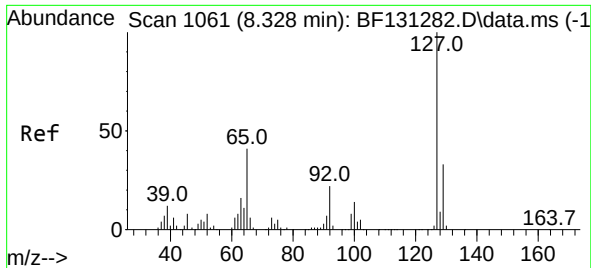
Tgt Ion:128 Resp: 71782
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 2.137 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.088 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:122 Resp: 5646
Ion Ratio Lower Upper
122 100
105 125.0 121.4 161.4
77 98.8 91.2 131.2

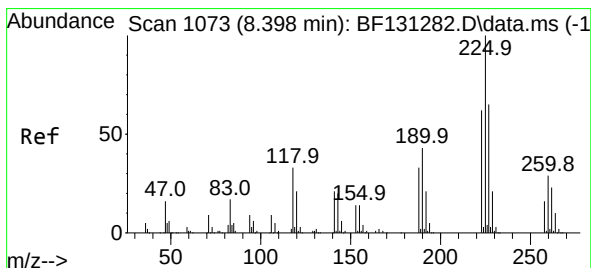
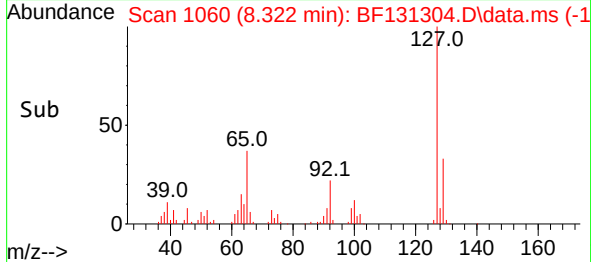
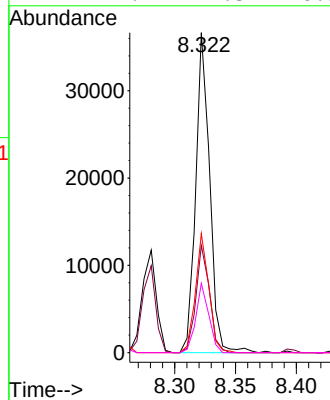
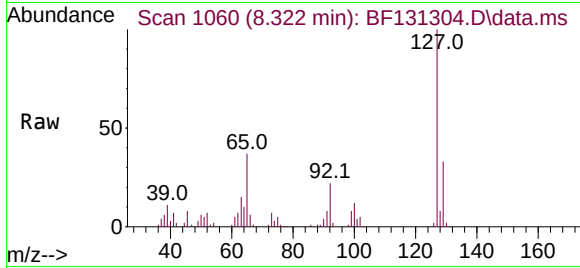




#33
4-Chloroaniline
Concen: 4.419 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

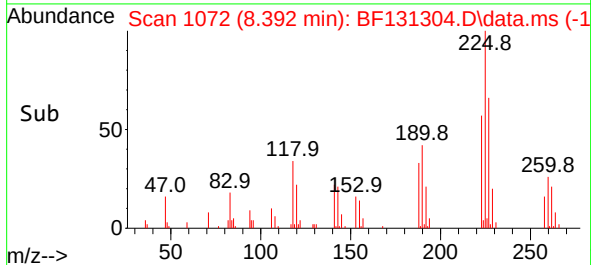
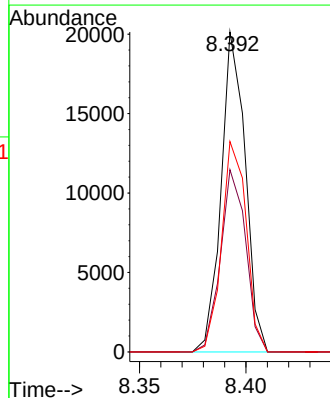
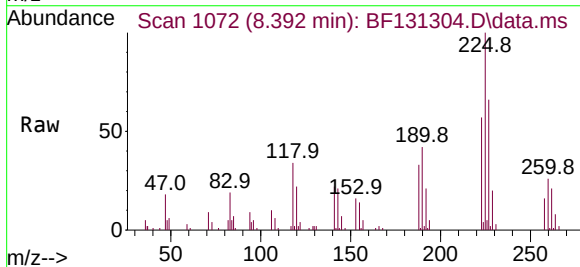
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

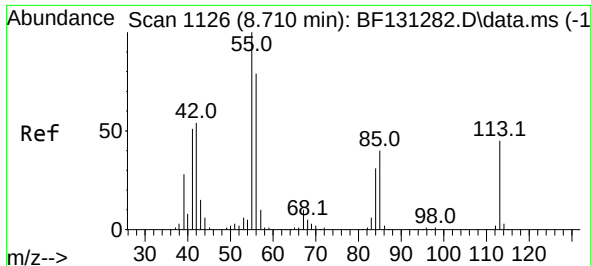
Tgt Ion:	127	Resp:	29253
Ion Ratio	Lower	Upper	
127	100		
129	33.5	26.6	40.0
65	37.2	33.2	49.8
92	21.7	17.5	26.3



#34
Hexachlorobutadiene
Concen: 4.083 ng
RT: 8.392 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:	225	Resp:	15843
Ion Ratio	Lower	Upper	
225	100		
223	56.9	49.4	74.2
227	67.4	51.7	77.5

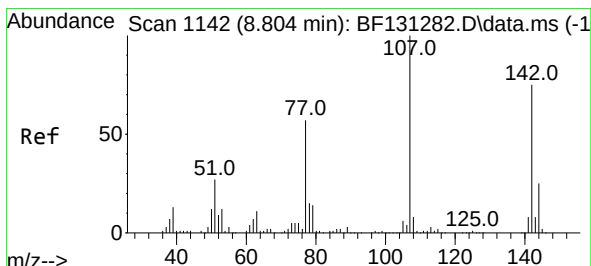
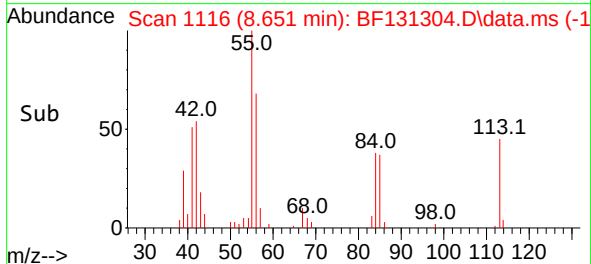
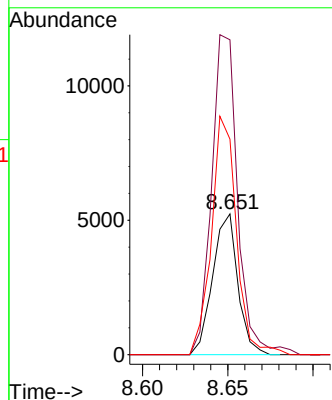
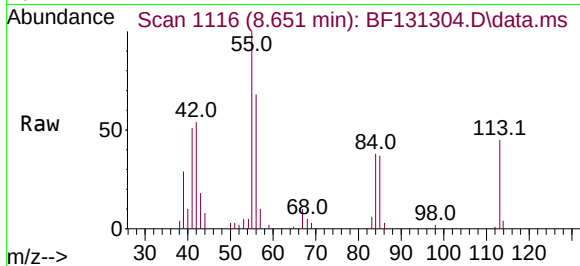




#35
 Caprolactam
 Concen: 4.084 ng
 RT: 8.651 min Scan# 1116
 Delta R.T. -0.059 min
 Lab File: BF131304.D
 Acq: 18 Nov 2022 18:44

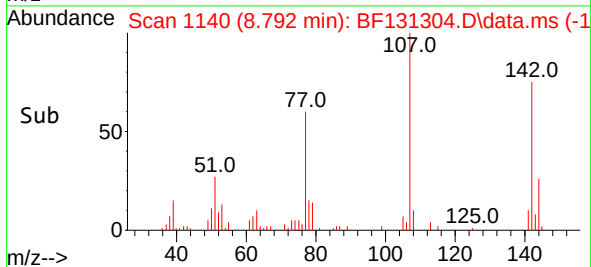
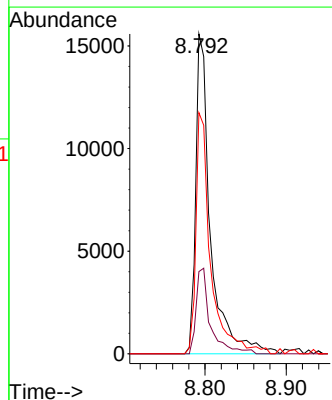
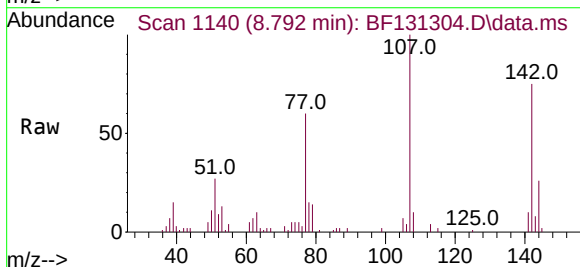
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

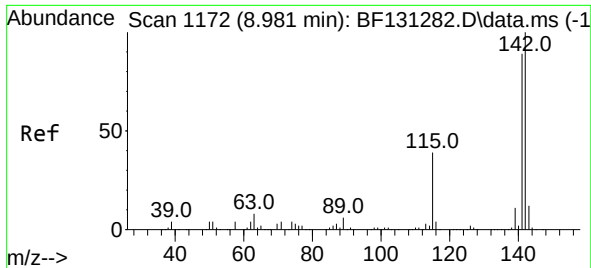
Tgt Ion:113 Resp: 5378
 Ion Ratio Lower Upper
 113 100
 55 223.8 200.6 240.6
 56 153.2 154.5 194.5#



#36
 4-Chloro-3-methylphenol
 Concen: 3.866 ng
 RT: 8.792 min Scan# 1140
 Delta R.T. -0.012 min
 Lab File: BF131304.D
 Acq: 18 Nov 2022 18:44

Tgt Ion:107 Resp: 19704
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.6 29.4
 142 75.4 60.1 90.1

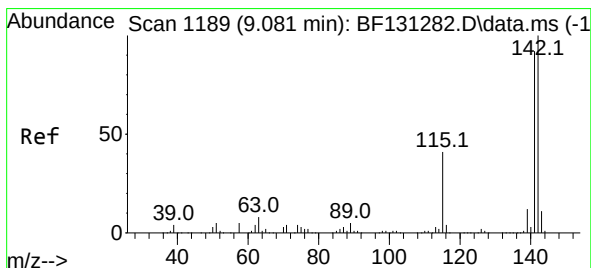
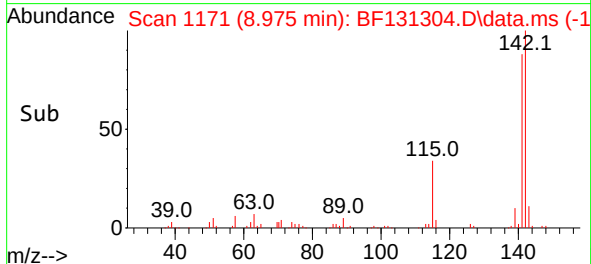
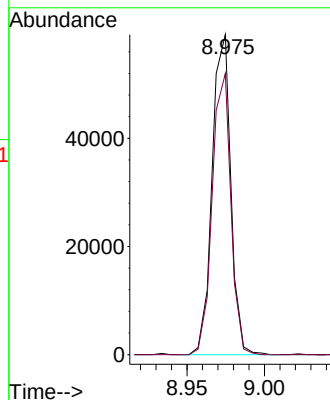
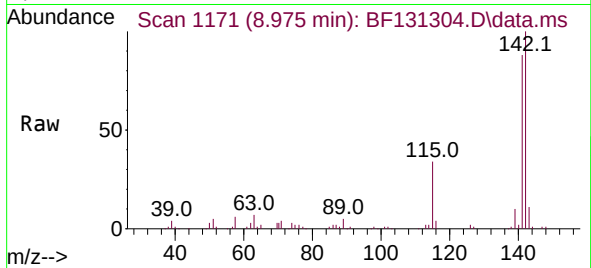




#37
2-Methylnaphthalene
Concen: 4.326 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

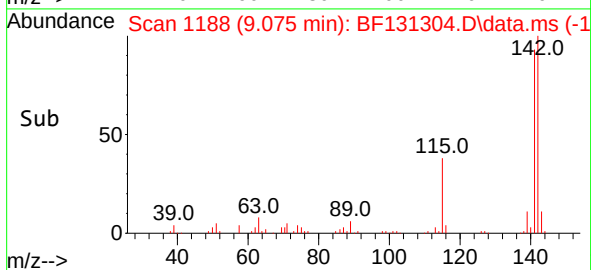
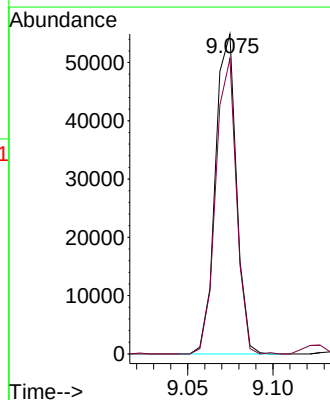
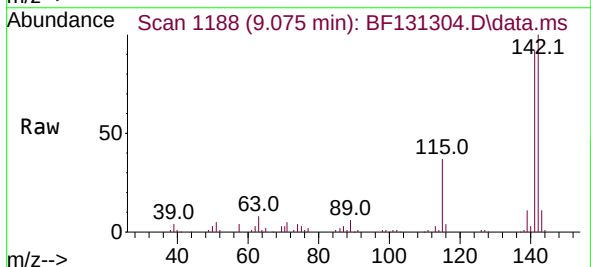
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

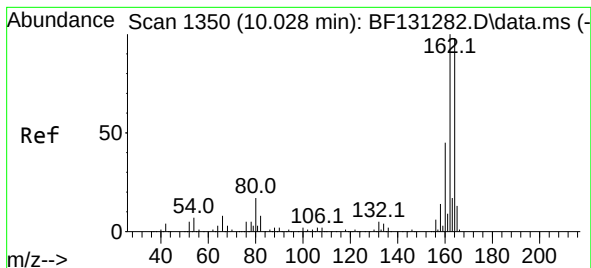
Tgt Ion:142 Resp: 49681
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2



#38
1-Methylnaphthalene
Concen: 4.226 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:142 Resp: 47033
Ion Ratio Lower Upper
142 100
141 92.3 74.0 111.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

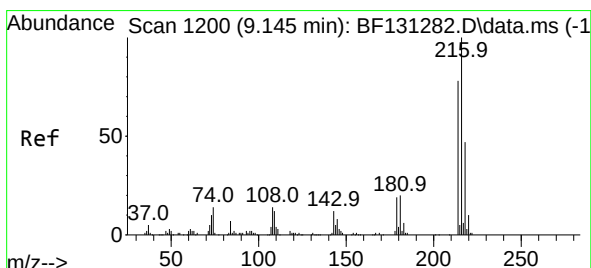
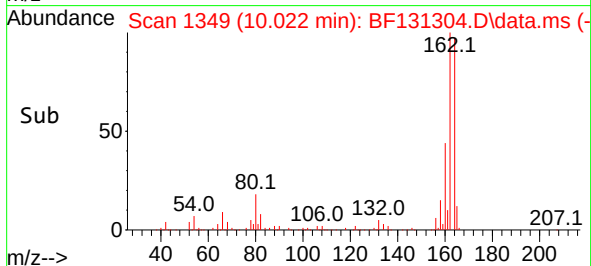
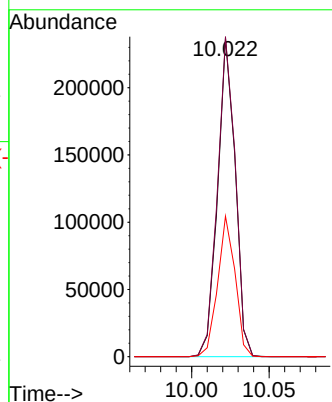
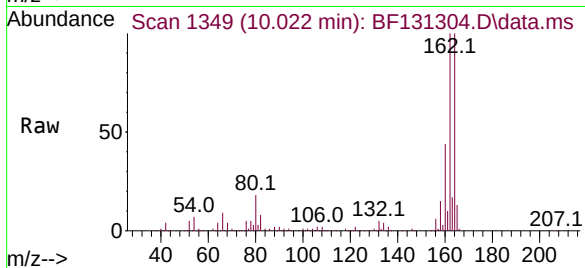
Tgt Ion:164 Resp: 187370

Ion Ratio Lower Upper

164 100

162 100.4 81.8 122.6

160 44.0 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.263 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

Tgt Ion:216 Resp: 26136

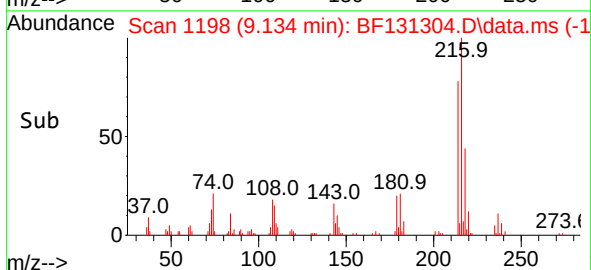
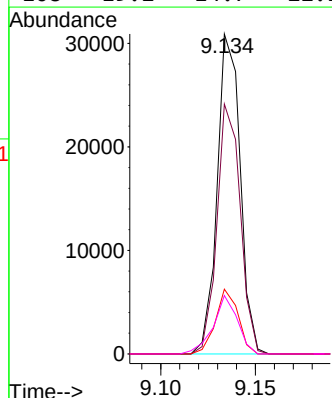
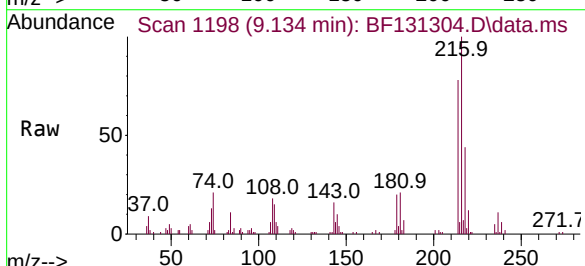
Ion Ratio Lower Upper

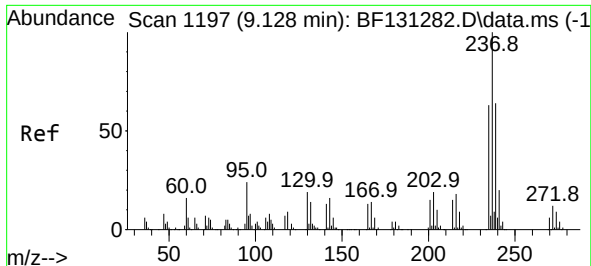
216 100

214 79.0 62.5 93.7

179 19.9 16.7 25.1

108 19.2 14.7 22.1

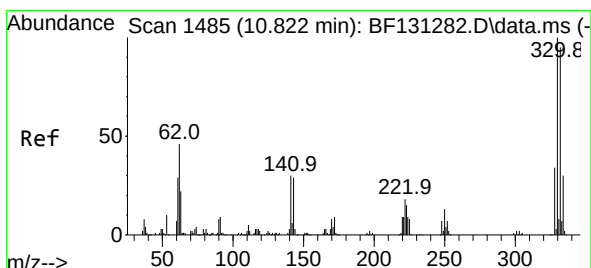
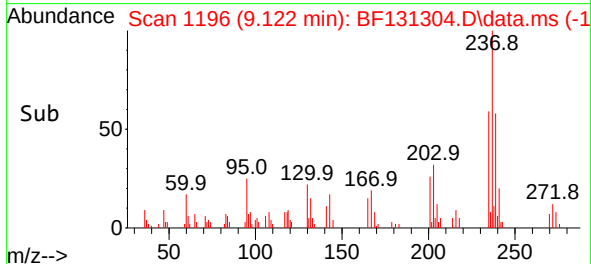
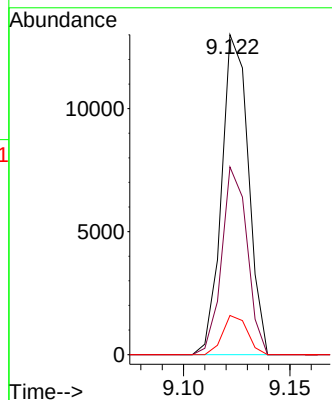
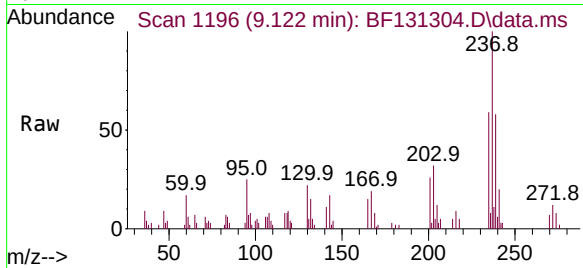




#41
Hexachlorocyclopentadiene
Concen: 4.286 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

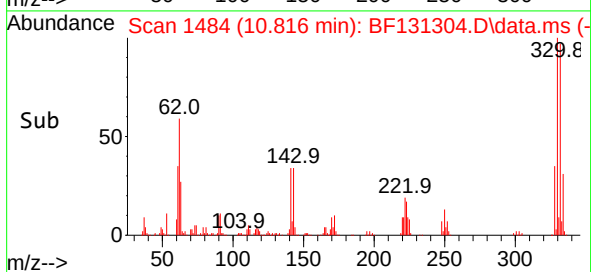
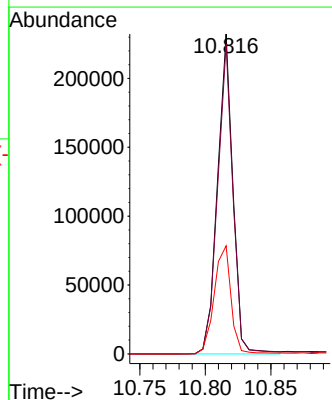
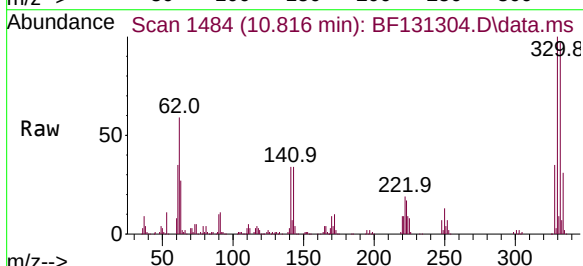
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

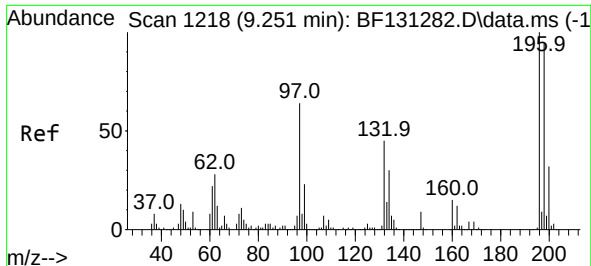
Tgt Ion:237	Resp:	11367
Ion Ratio	Lower	Upper
237	100	
235	58.6	42.7 82.7
272	12.2	0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 114.088 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:330	Resp:	190295
Ion Ratio	Lower	Upper
330	100	
332	96.9	75.4 113.0
141	37.3	30.0 45.0

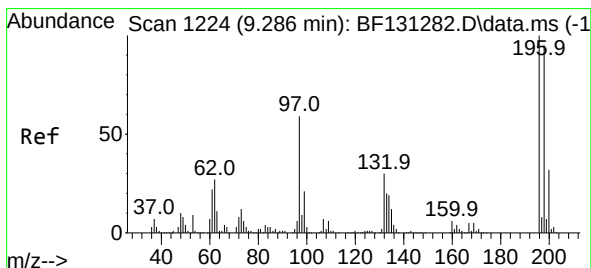
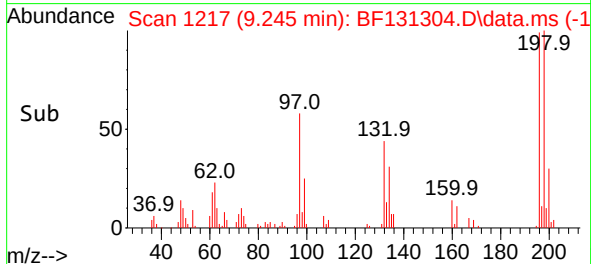
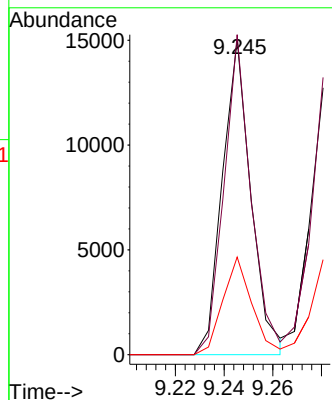
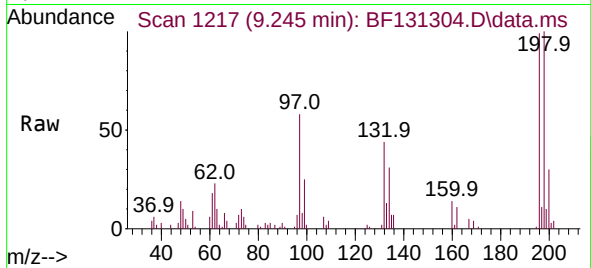




#43
2,4,6-Trichlorophenol
Concen: 3.358 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

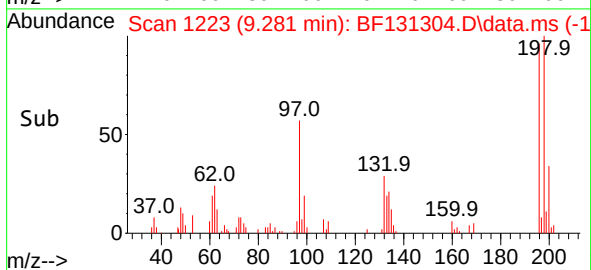
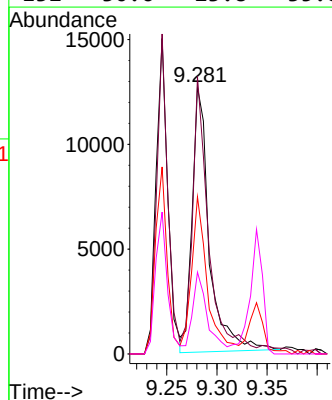
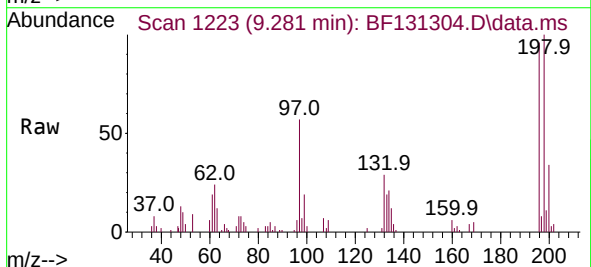
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

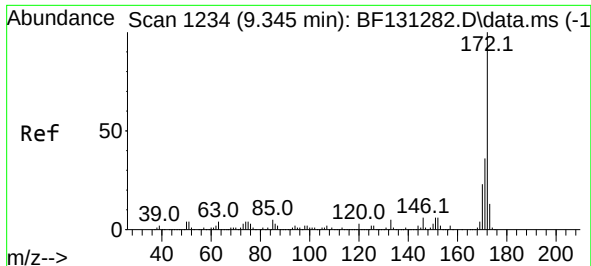
Tgt Ion:196 Resp: 12240
Ion Ratio Lower Upper
196 100
198 101.5 74.8 112.2
200 30.9 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 3.782 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:196 Resp: 15022
Ion Ratio Lower Upper
196 100
198 103.9 75.6 113.4
97 58.9 47.4 71.0
132 30.6 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 74.864 ng

RT: 9.339 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

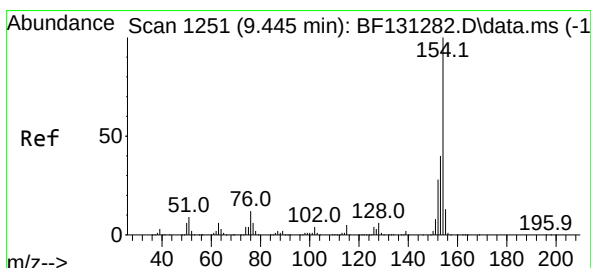
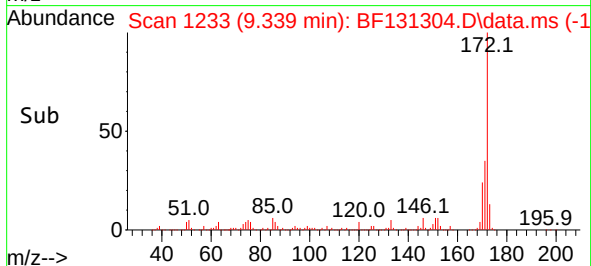
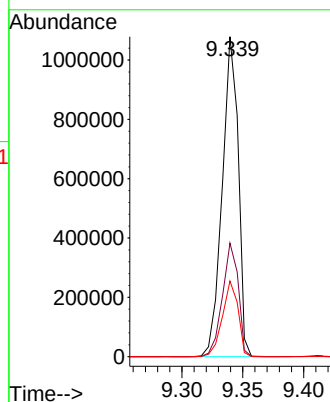
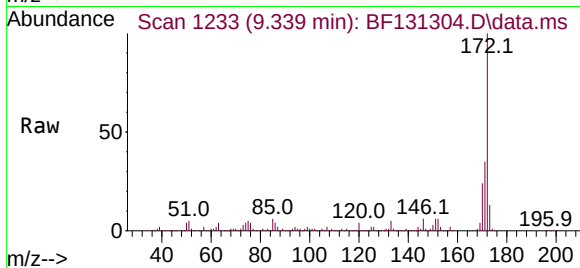
Tgt Ion:172 Resp: 982123

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.6 18.5 27.7



#46

1,1'-Biphenyl

Concen: 4.542 ng

RT: 9.439 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

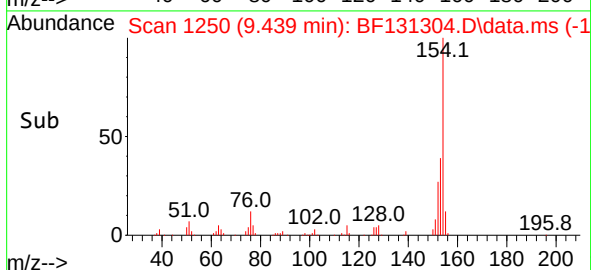
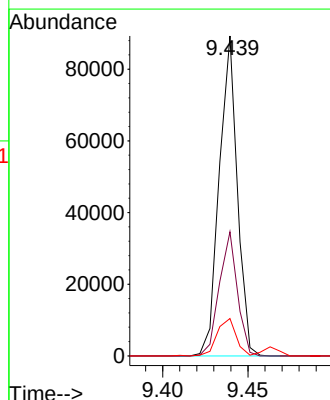
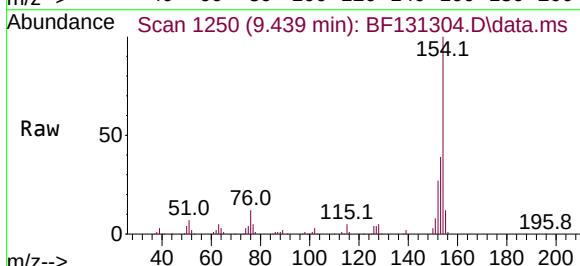
Tgt Ion:154 Resp: 65722

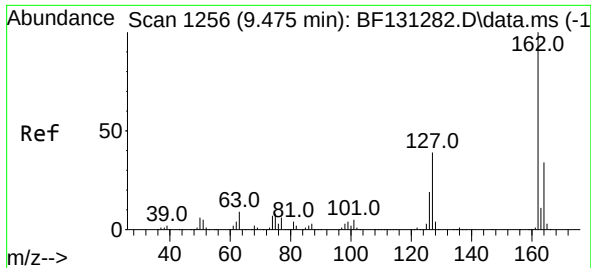
Ion Ratio Lower Upper

154 100

153 38.8 20.1 60.1

76 11.7 0.0 31.8

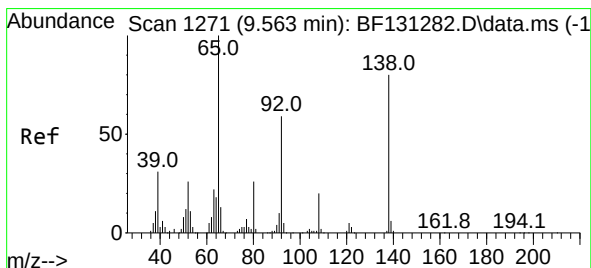
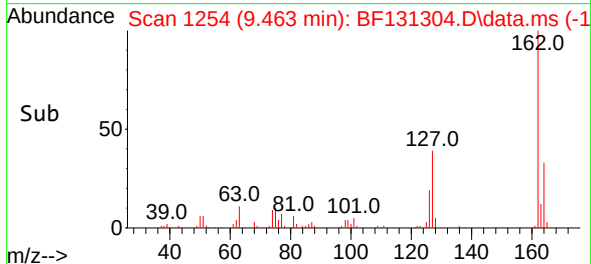
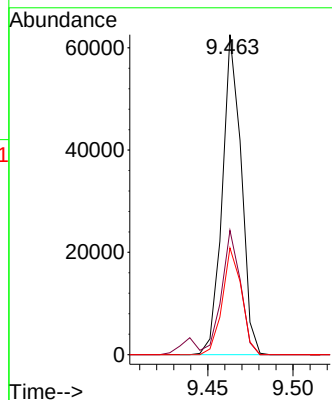
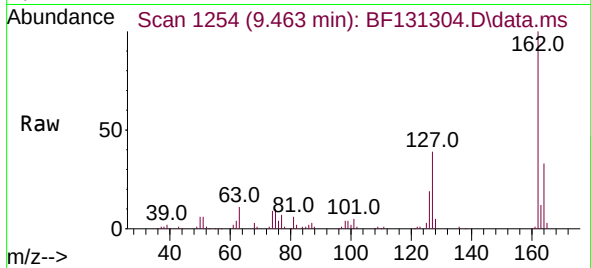




#47
2-Chloronaphthalene
Concen: 4.148 ng
RT: 9.463 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

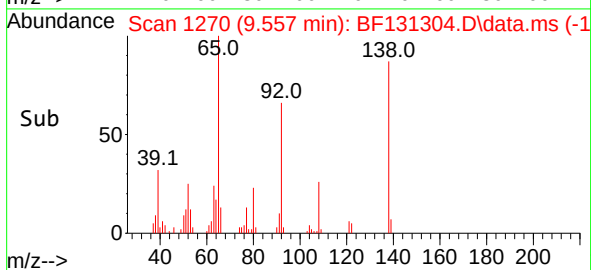
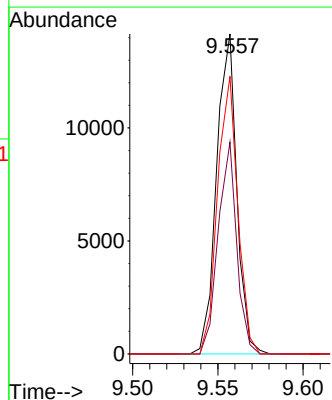
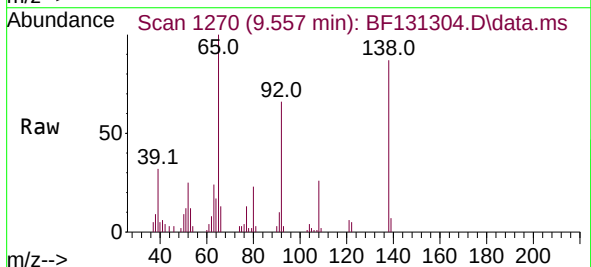
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

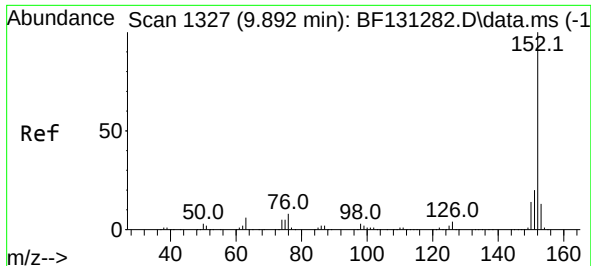
Tgt Ion:162 Resp: 48185
Ion Ratio Lower Upper
162 100
127 38.8 31.1 46.7
164 33.3 26.9 40.3



#48
2-Nitroaniline
Concen: 3.618 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion: 65 Resp: 11618
Ion Ratio Lower Upper
65 100
92 66.2 47.2 70.8
138 86.7 64.2 96.4





#49

Acenaphthylene

Concen: 4.155 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.011 min

Lab File: BF131304.D

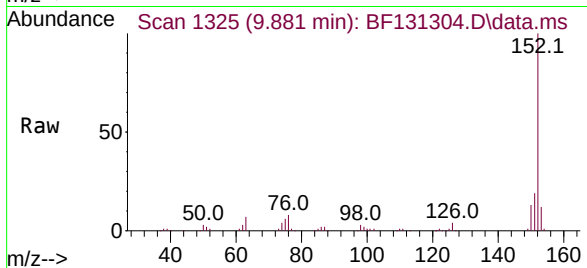
Acq: 18 Nov 2022 18:44

Instrument :

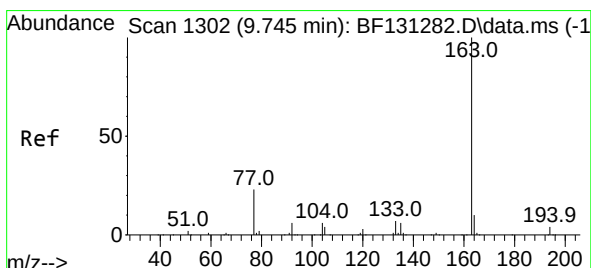
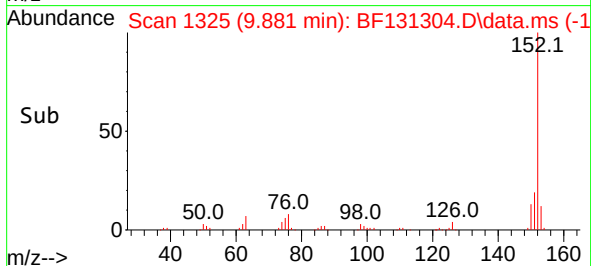
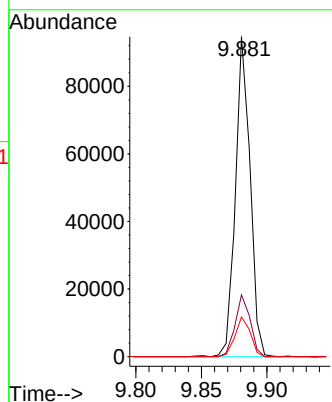
BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



Tgt Ion:	152	Resp:	73726
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.9	23.9
153	12.4	10.4	15.6



#50

Dimethylphthalate

Concen: 4.249 ng

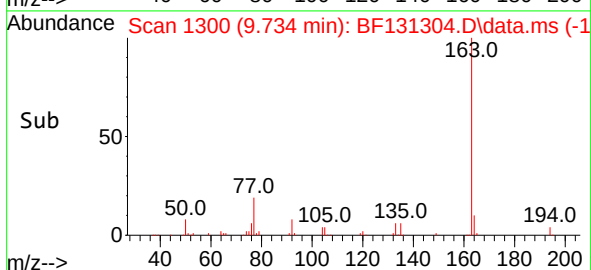
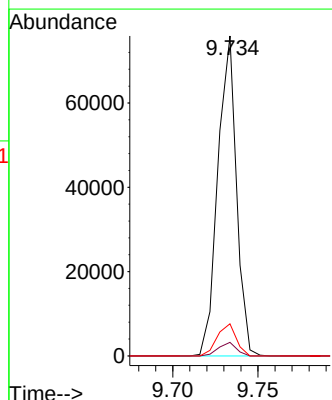
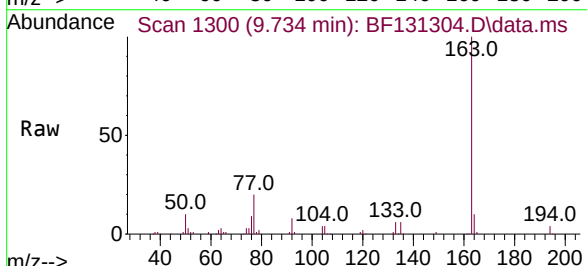
RT: 9.734 min Scan# 1300

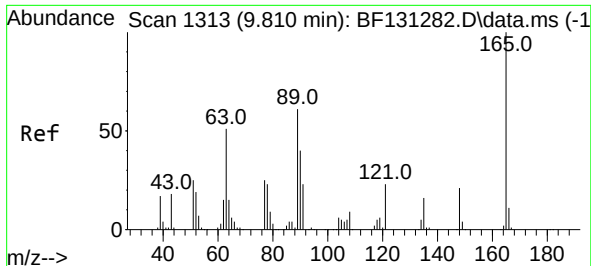
Delta R.T. -0.011 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

Tgt Ion:	163	Resp:	57648
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.1	4.7
164	10.0	8.4	12.6

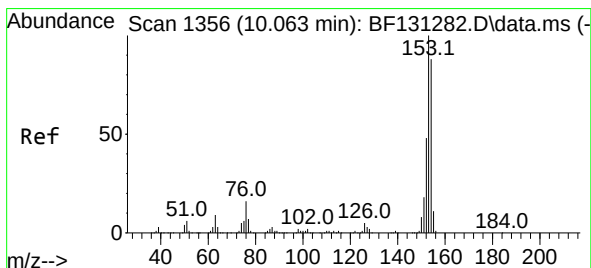
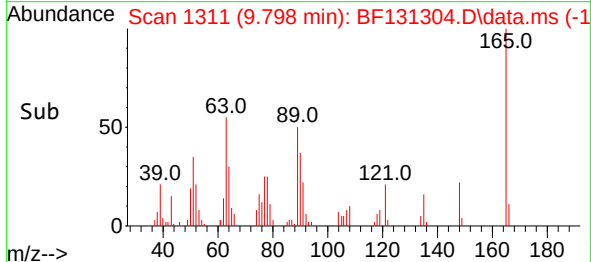
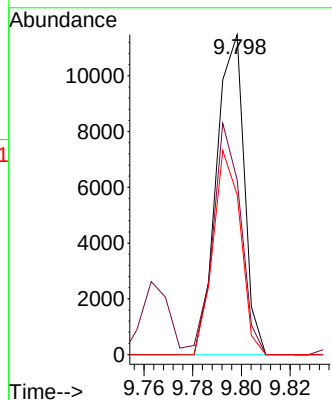
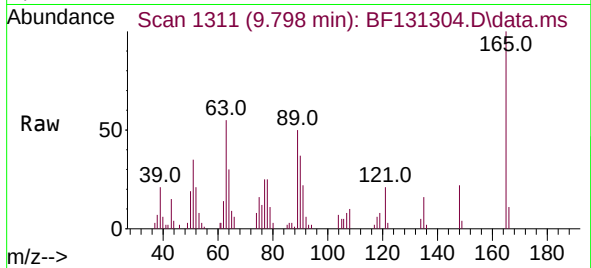




#51
2,6-Dinitrotoluene
Concen: 4.062 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

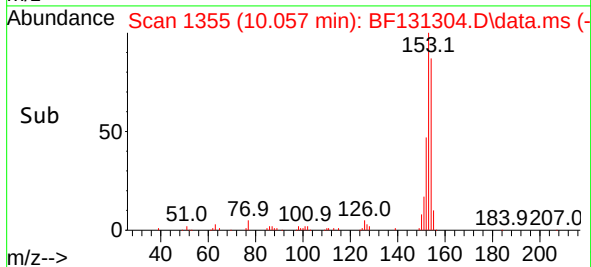
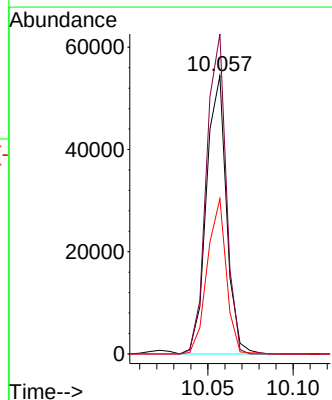
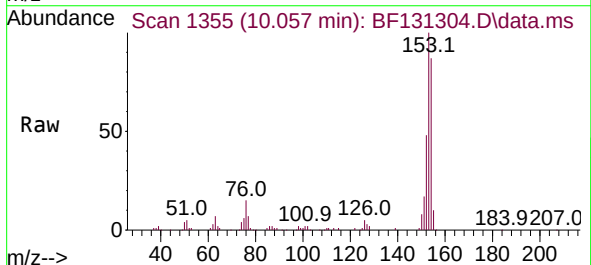
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

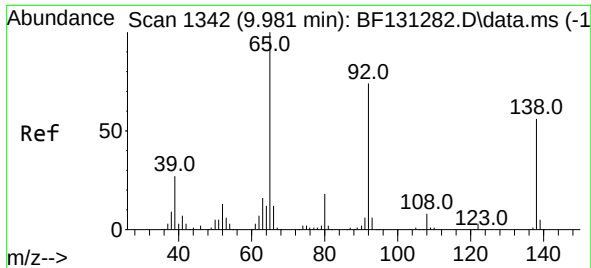
Tgt Ion:165 Resp: 9052
Ion Ratio Lower Upper
165 100
63 54.6 53.3 79.9
89 50.0 49.4 74.0



#52
Acenaphthene
Concen: 4.033 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:154 Resp: 44654
Ion Ratio Lower Upper
154 100
153 115.0 90.7 136.1
152 55.8 43.1 64.7

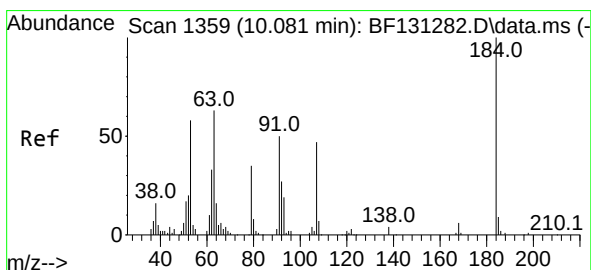
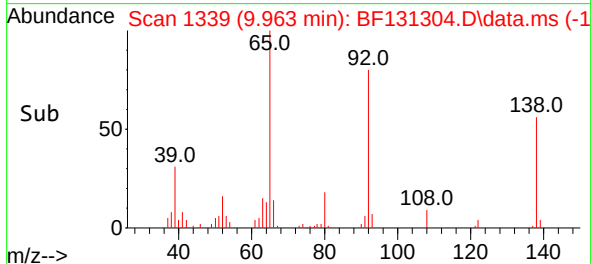
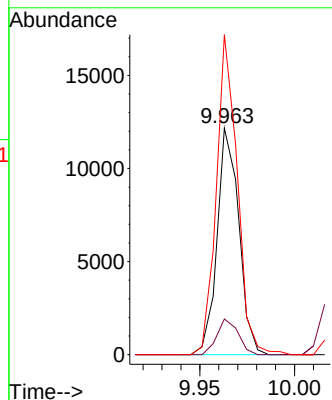
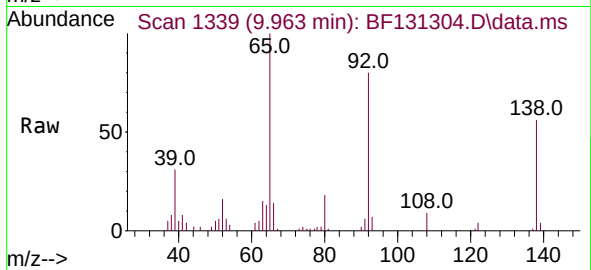




#53
3-Nitroaniline
Concen: 4.107 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.018 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

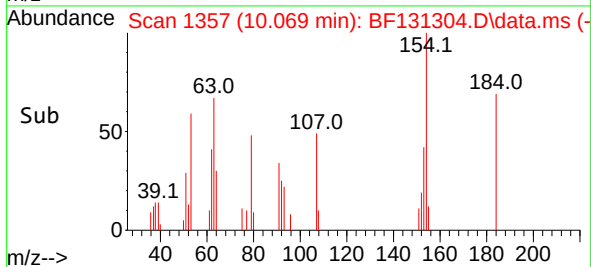
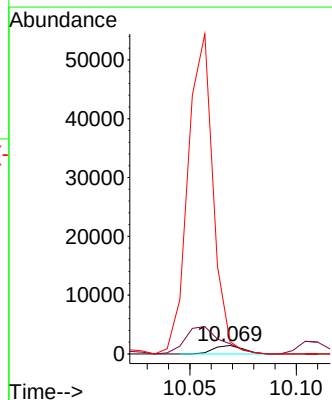
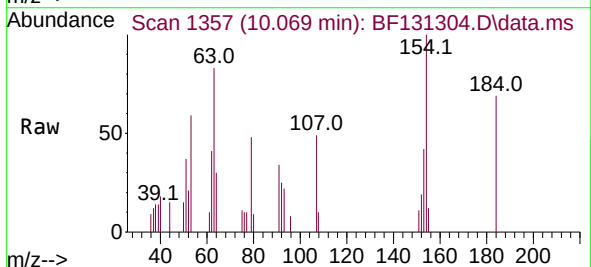
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

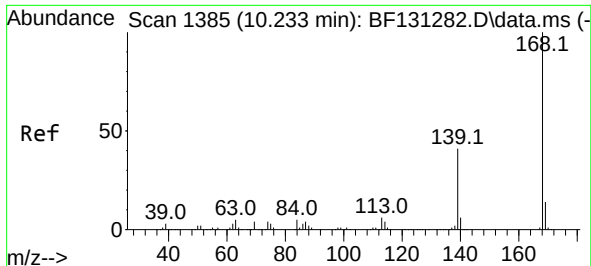
Tgt Ion:138 Resp: 9688
Ion Ratio Lower Upper
138 100
108 15.7 11.1 16.7
92 141.3 105.4 158.2



#54
2,4-Dinitrophenol
Concen: 1.727 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:184 Resp: 1356
Ion Ratio Lower Upper
184 100
63 121.1 64.8 97.2#
154 145.5 58.0 87.0#

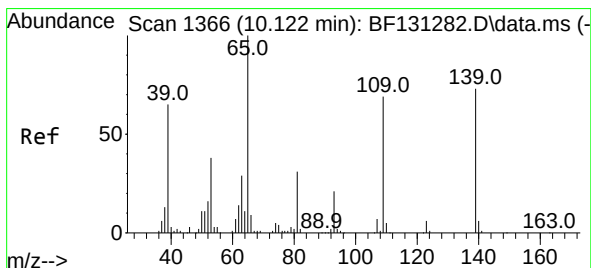
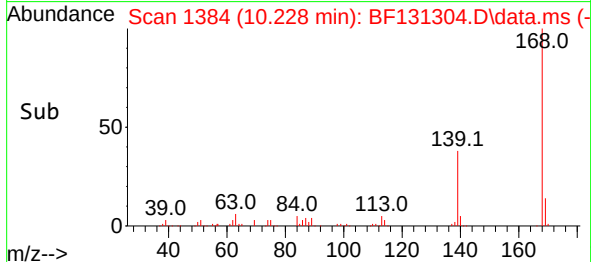
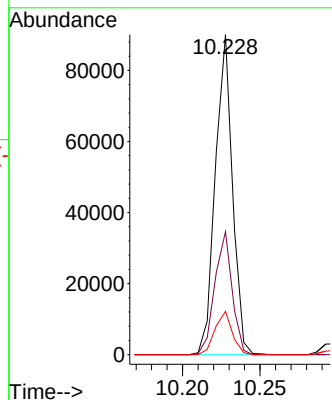
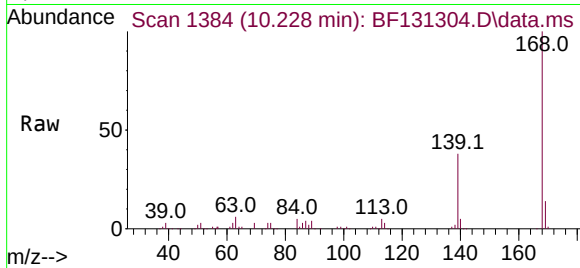




#55
Dibenzenofuran
Concen: 4.311 ng
RT: 10.228 min Scan# 1385
Delta R.T. -0.005 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

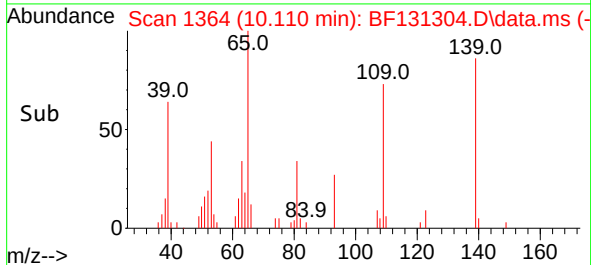
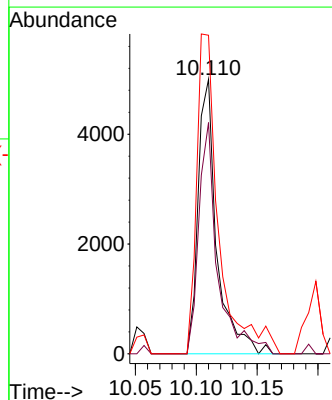
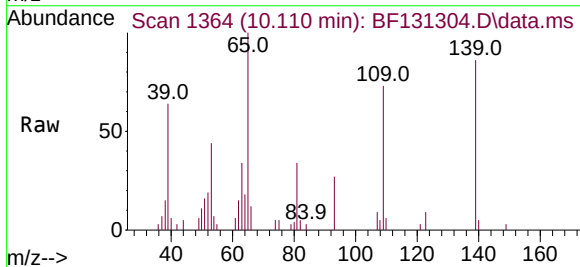
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

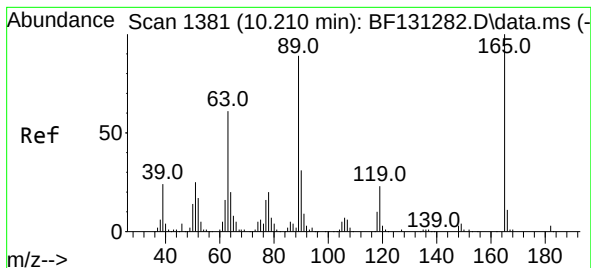
Tgt Ion:168 Resp: 69211
Ion Ratio Lower Upper
168 100
139 38.4 33.2 49.8
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 3.009 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:139 Resp: 5341
Ion Ratio Lower Upper
139 100
109 84.3 74.2 114.2
65 116.1 116.8 156.8#

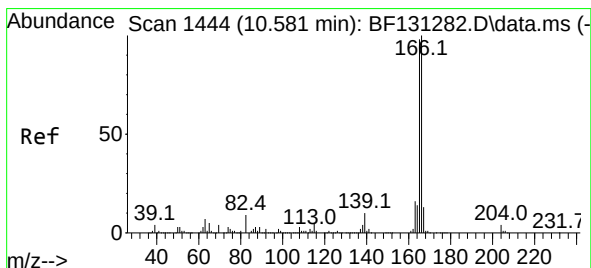
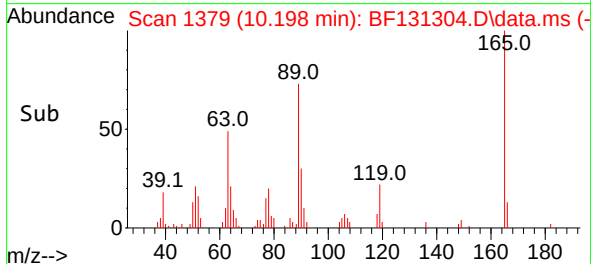
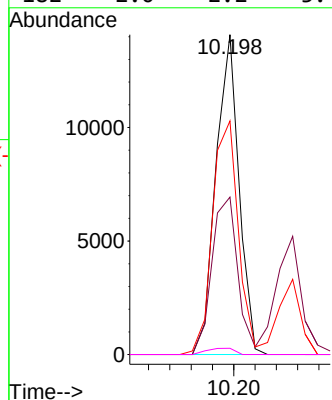
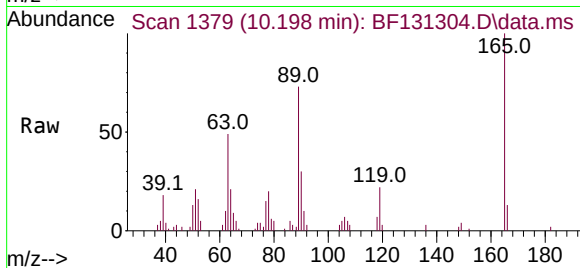




#57
2,4-Dinitrotoluene
Concen: 3.943 ng
RT: 10.198 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

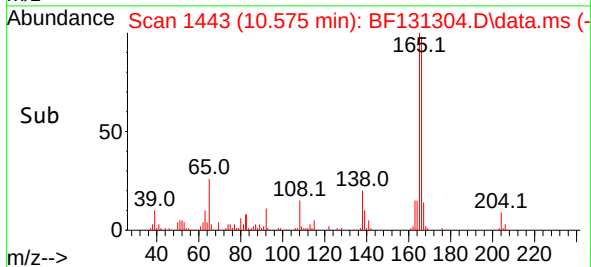
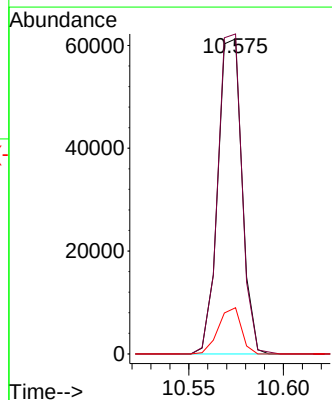
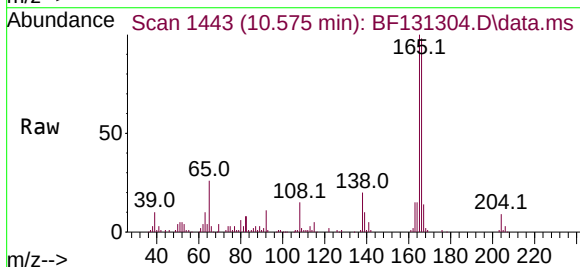
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

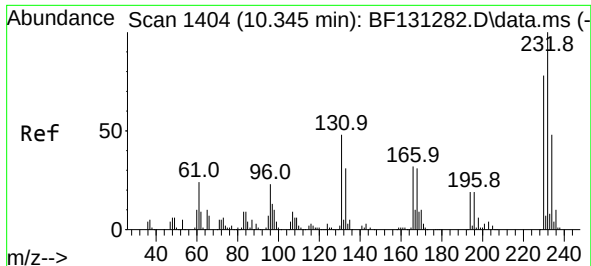
Tgt Ion:165 Resp: 10625
Ion Ratio Lower Upper
165 100
63 49.2 49.0 73.6
89 73.0 71.1 106.7
182 2.0 2.2 3.4#



#58
Fluorene
Concen: 4.259 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:166 Resp: 54303
Ion Ratio Lower Upper
166 100
165 101.6 78.2 117.2
167 14.7 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.717 ng

RT: 10.339 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:232 Resp: 12503

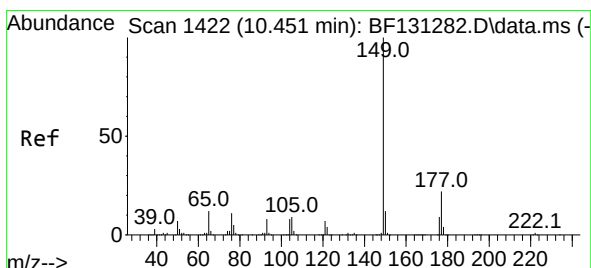
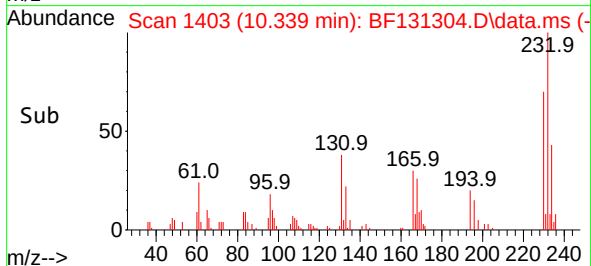
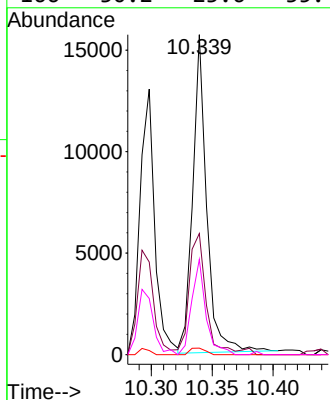
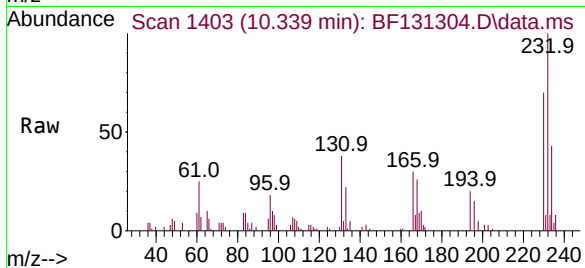
Ion Ratio Lower Upper

232 100

131 47.3 36.0 54.0

130 2.3 1.8 2.6

166 30.2 23.6 35.4



#60

Diethylphthalate

Concen: 4.248 ng

RT: 10.439 min Scan# 1420

Delta R.T. -0.012 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

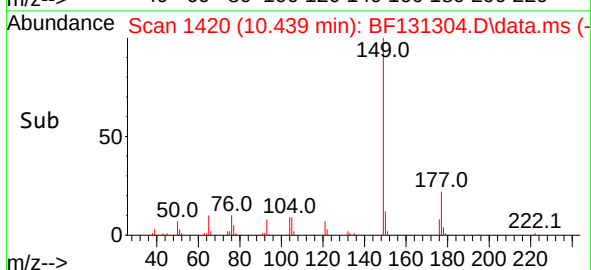
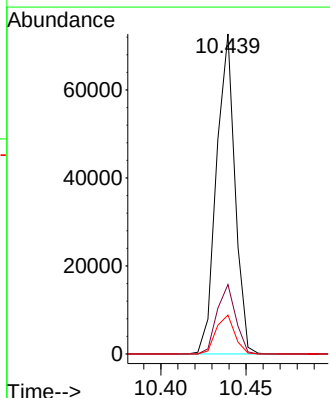
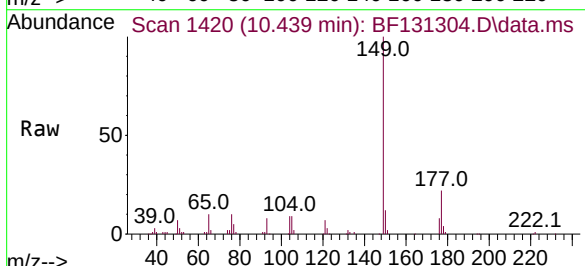
Tgt Ion:149 Resp: 54987

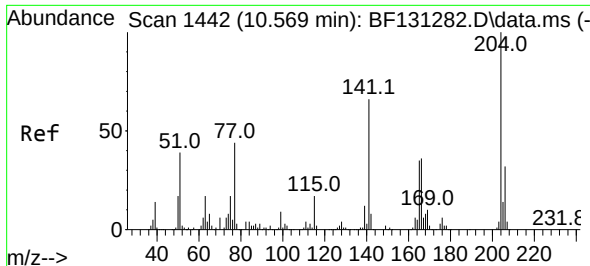
Ion Ratio Lower Upper

149 100

177 21.7 17.9 26.9

150 12.1 9.8 14.6

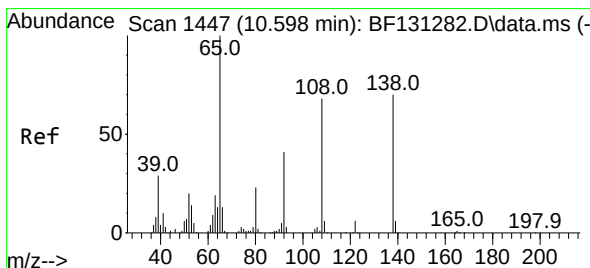
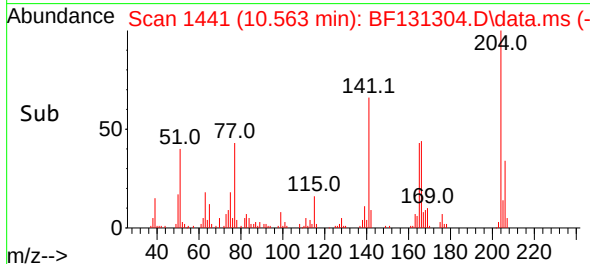
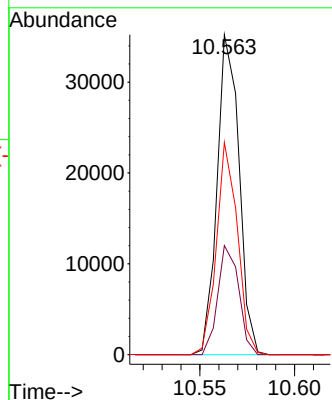
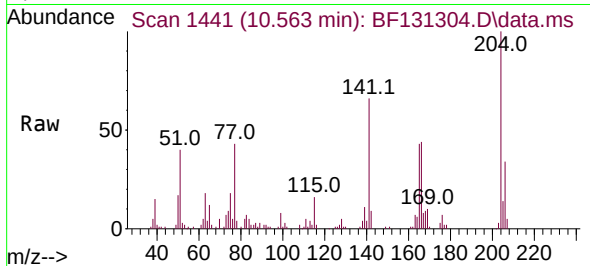




#61
4-Chlorophenyl-phenylether
Concen: 4.409 ng
RT: 10.563 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

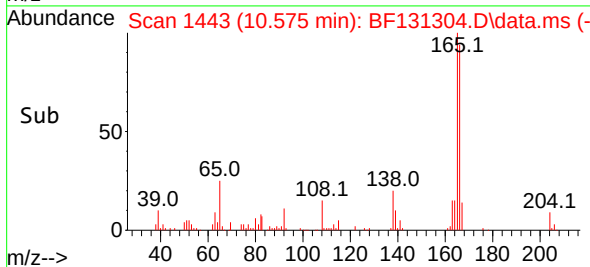
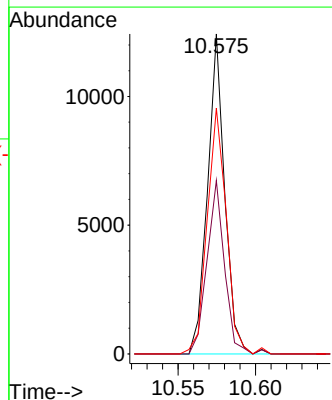
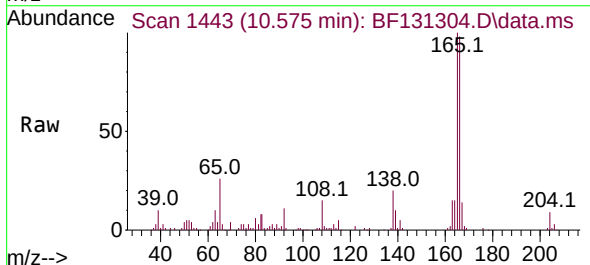
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

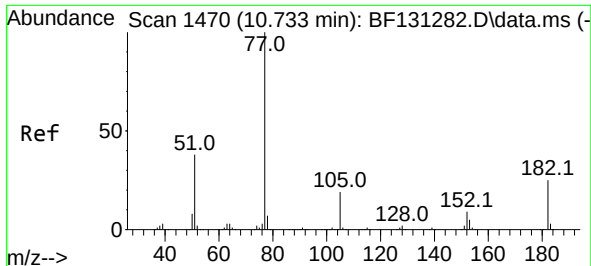
Tgt Ion:204 Resp: 28498
Ion Ratio Lower Upper
204 100
206 34.1 25.7 38.5
141 66.3 53.1 79.7



#62
4-Nitroaniline
Concen: 4.010 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.023 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:138 Resp: 9609
Ion Ratio Lower Upper
138 100
92 54.2 37.5 77.5
108 76.8 76.3 116.3

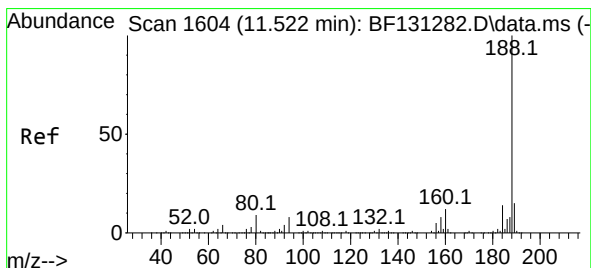
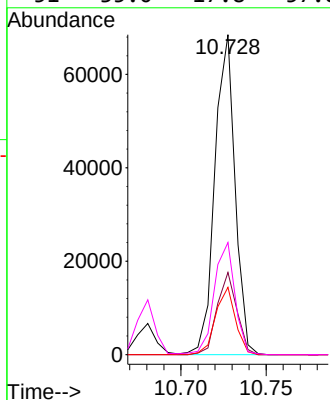
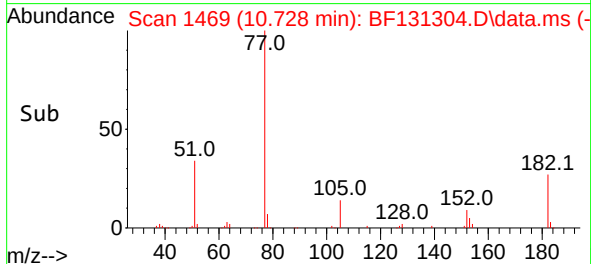
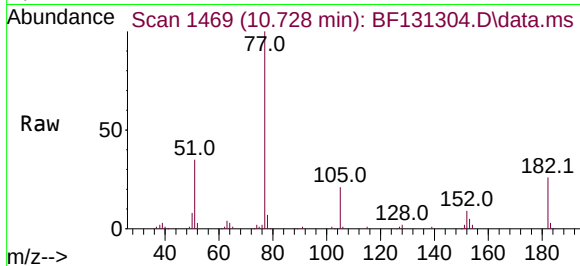




#63
Azobenzene
Concen: 4.199 ng
RT: 10.728 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

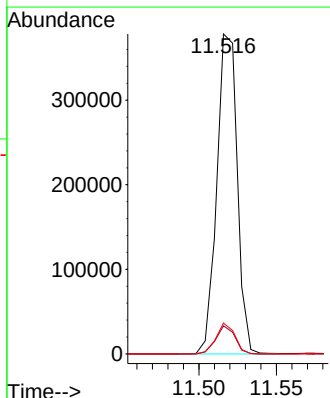
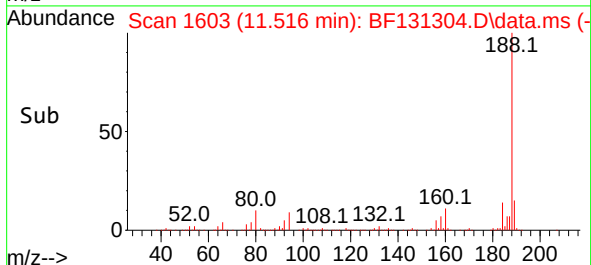
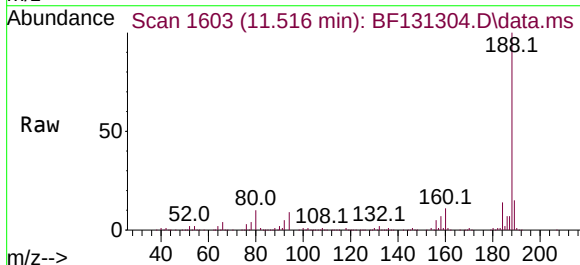
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

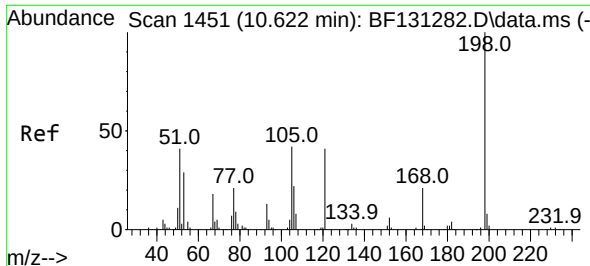
Tgt Ion: 77	Resp: 56446
Ion Ratio	Lower Upper
77 100	
182 25.7	5.0 45.0
105 21.0	0.0 39.5
51 35.0	17.8 57.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion: 188	Resp: 347499
Ion Ratio	Lower Upper
188 100	
94 8.8	6.5 9.7
80 9.6	7.2 10.8

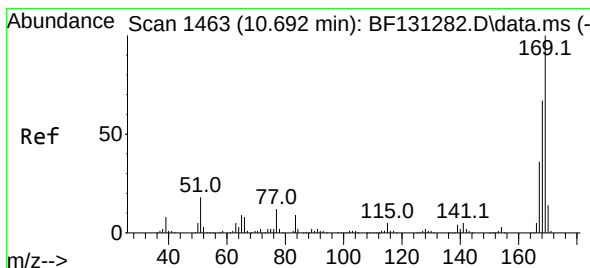
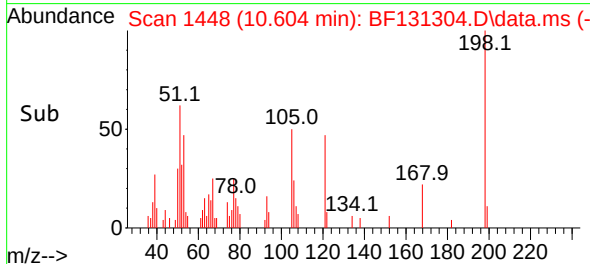
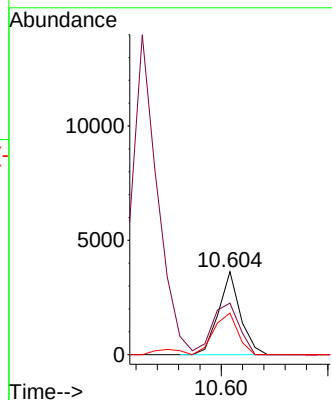
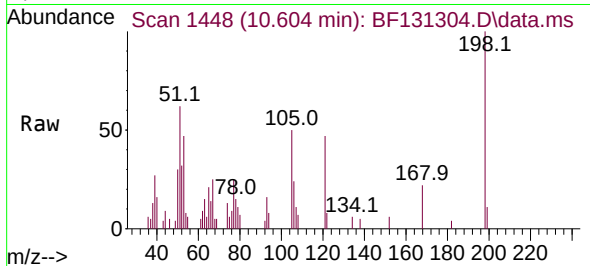




#65
4,6-Dinitro-2-methylphenol
Concen: 2.130 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

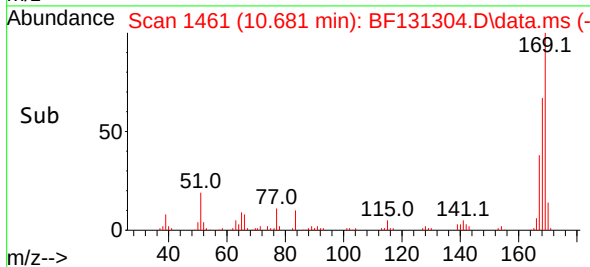
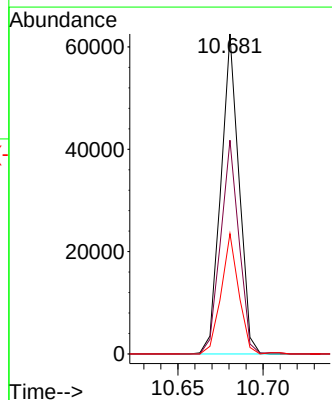
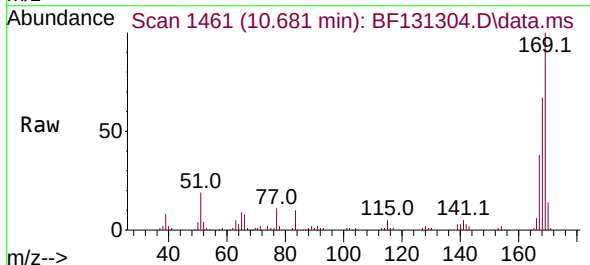
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

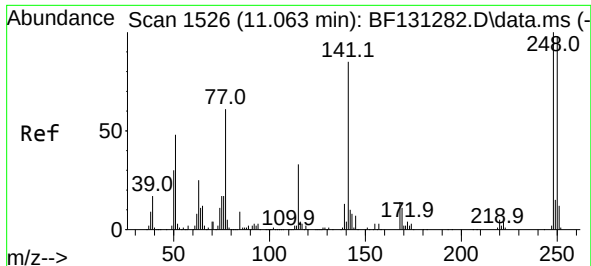
Tgt Ion:198 Resp: 2566
Ion Ratio Lower Upper
198 100
51 62.0 35.7 75.7
105 50.0 23.3 63.3



#66
n-Nitrosodiphenylamine
Concen: 4.125 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:169 Resp: 46189
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.6
167 37.6 28.9 43.3

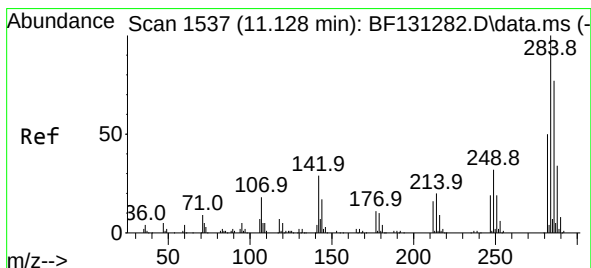
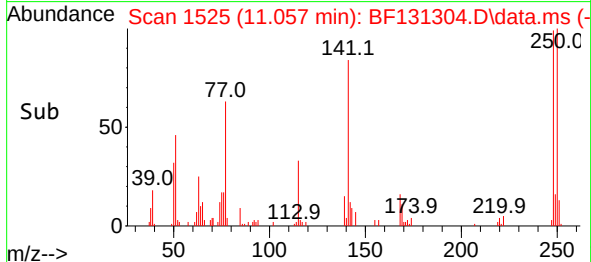
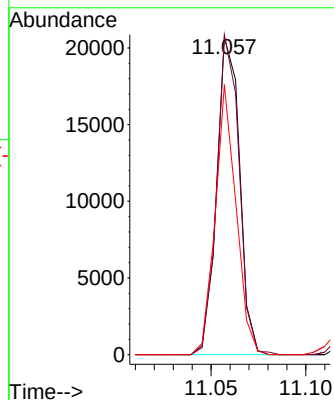
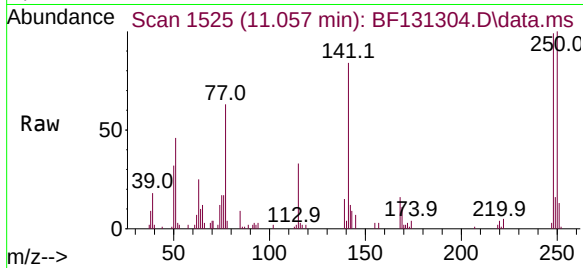




#67
4-Bromophenyl-phenylether
Concen: 4.154 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

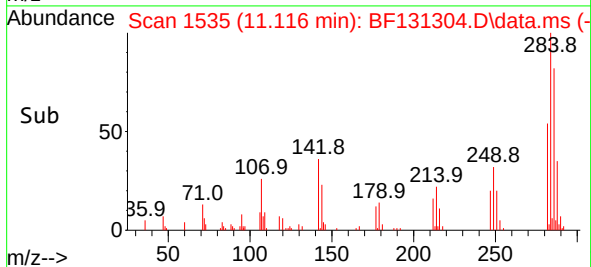
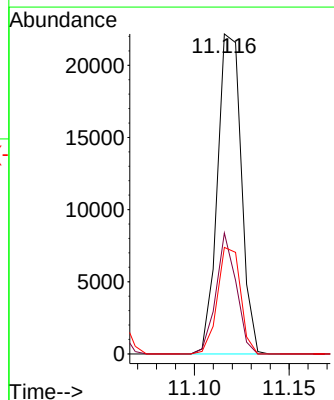
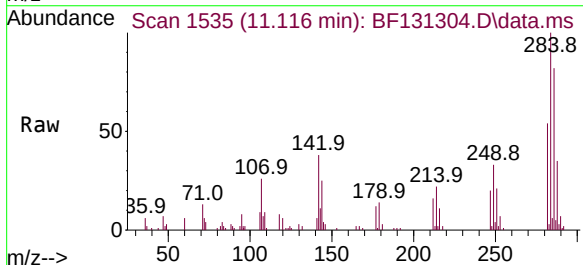
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

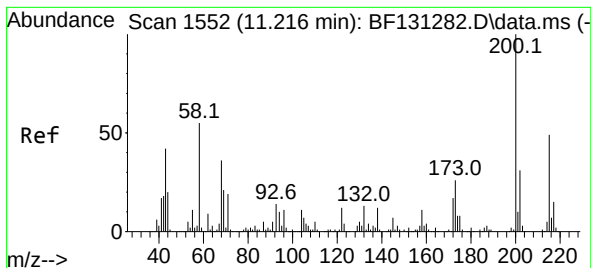
Tgt Ion:248 Resp: 17322
Ion Ratio Lower Upper
248 100
250 100.8 78.3 117.5
141 85.1 67.6 101.4



#68
Hexachlorobenzene
Concen: 4.287 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.012 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:284 Resp: 19394
Ion Ratio Lower Upper
284 100
142 37.8 23.4 35.2#
249 33.3 25.7 38.5





#69

Atrazine

Concen: 4.487 ng

RT: 11.204 min Scan# 1550

Delta R.T. -0.012 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

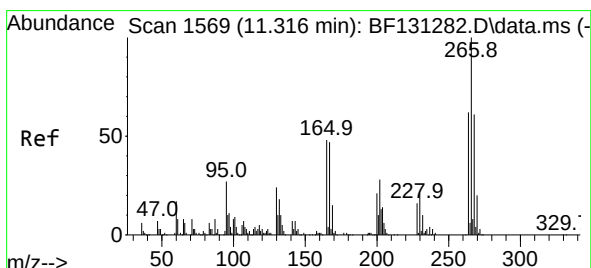
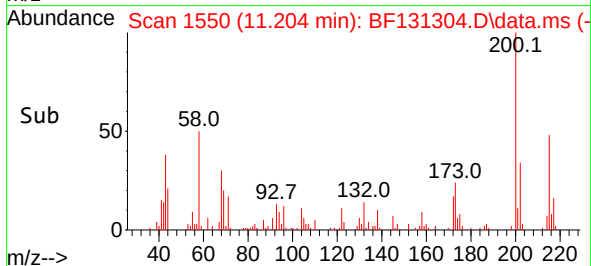
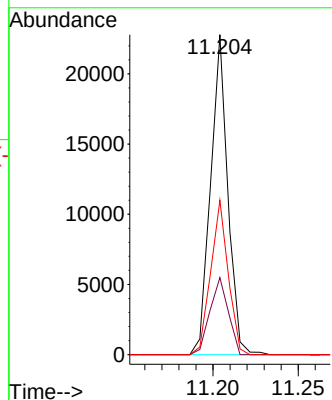
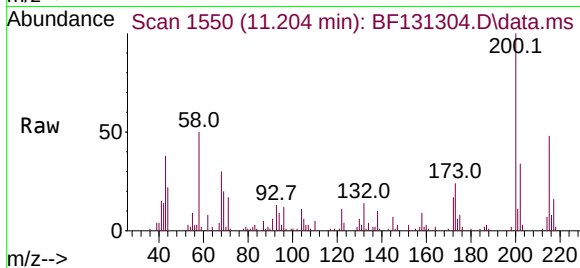
Tgt Ion:200 Resp: 16029

Ion Ratio Lower Upper

200 100

173 24.1 6.0 46.0

215 48.2 29.0 69.0



#70

Pentachlorophenol

Concen: 2.863 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

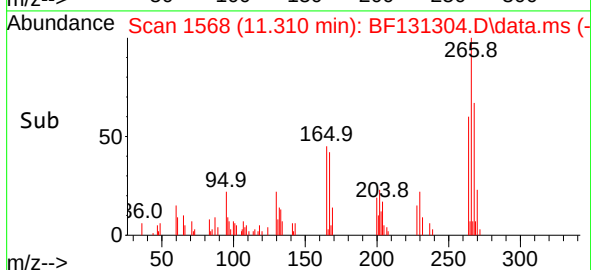
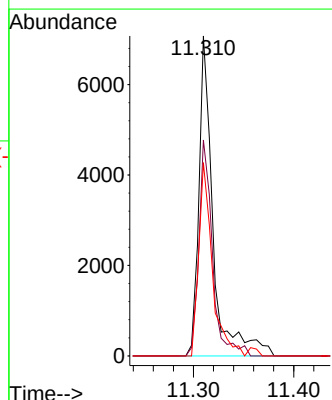
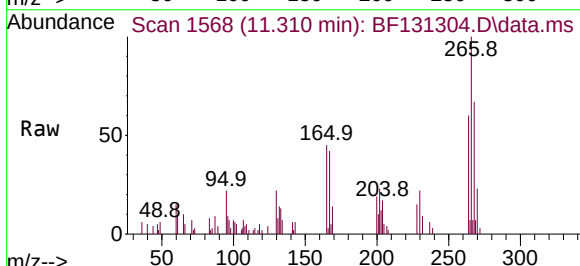
Tgt Ion:266 Resp: 6920

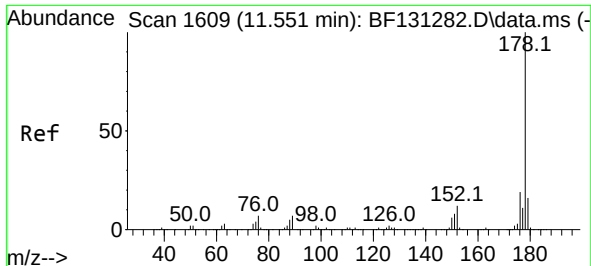
Ion Ratio Lower Upper

266 100

268 74.5 49.0 73.4#

264 60.4 49.7 74.5





#71

Phenanthrene

Concen: 4.195 ng

RT: 11.539 min Scan# 1607

Delta R.T. -0.012 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

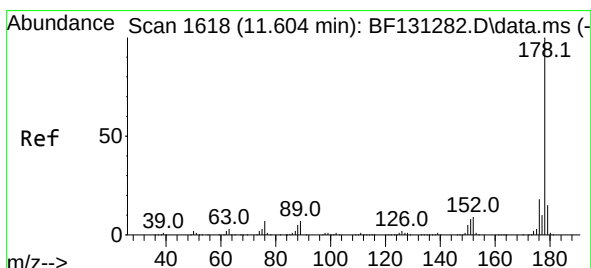
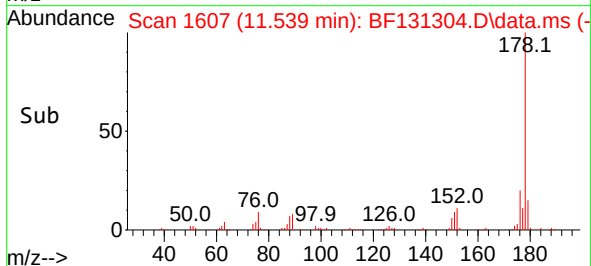
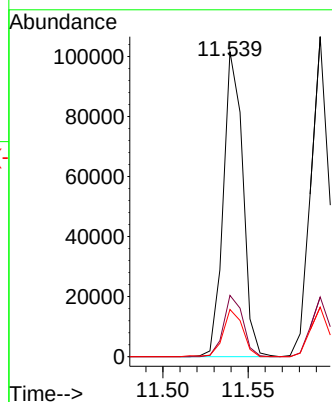
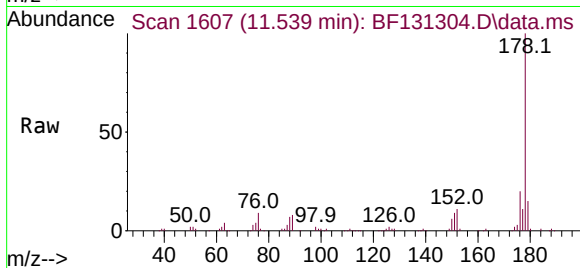
Tgt Ion:178 Resp: 80610

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

179 15.5 12.4 18.6



#72

Anthracene

Concen: 4.287 ng

RT: 11.592 min Scan# 1616

Delta R.T. -0.012 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

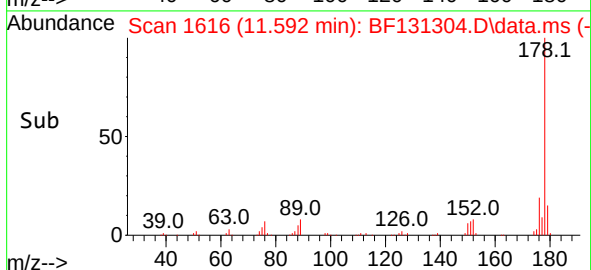
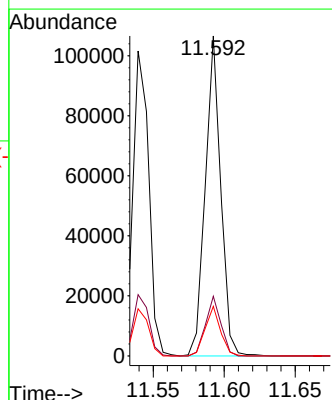
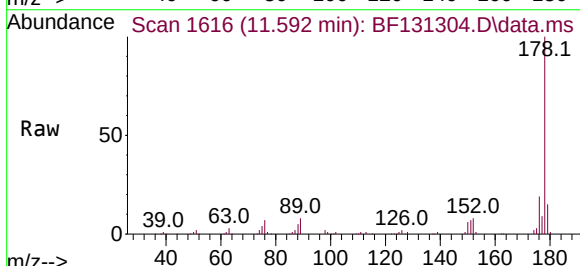
Tgt Ion:178 Resp: 80546

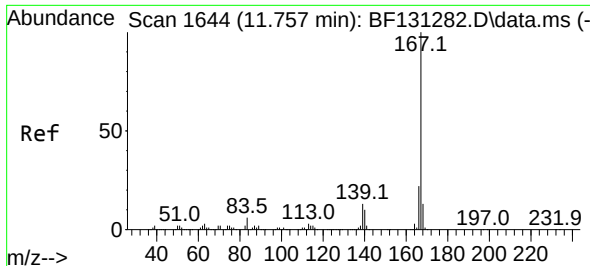
Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

179 15.5 12.0 18.0

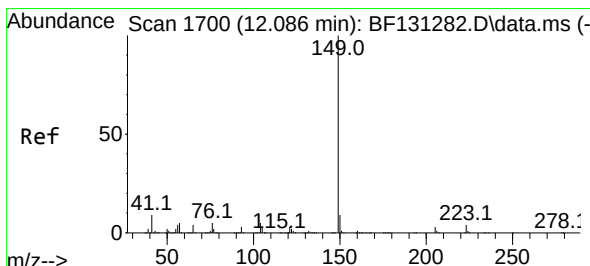
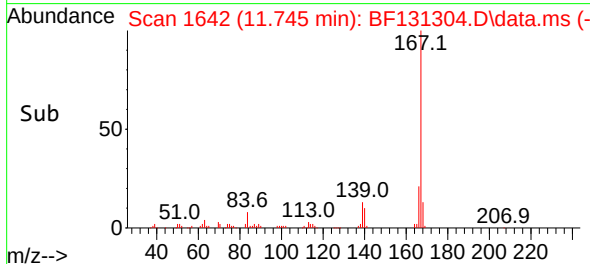
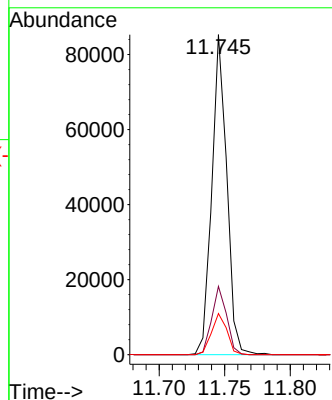
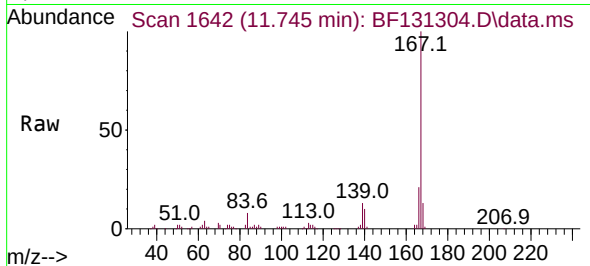




#73
 Carbazole
 Concen: 4.292 ng
 RT: 11.745 min Scan# 1642
 Delta R.T. -0.012 min
 Lab File: BF131304.D
 Acq: 18 Nov 2022 18:44

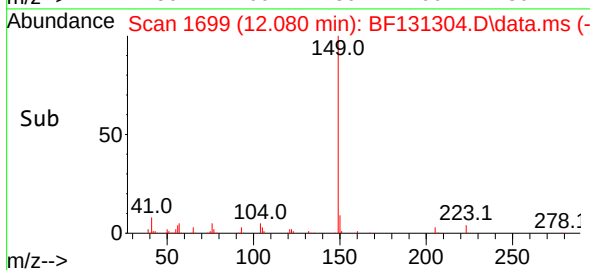
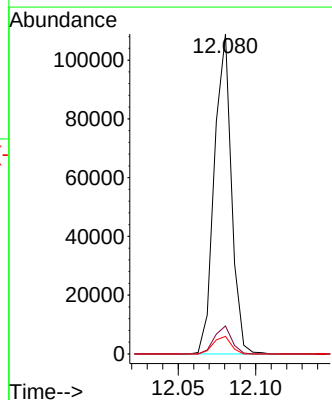
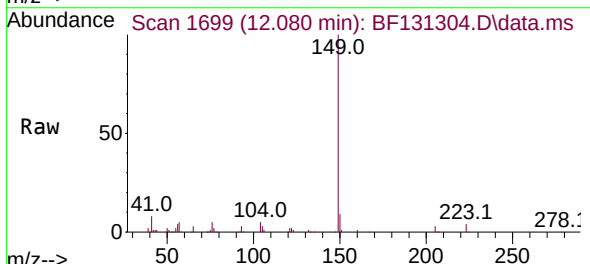
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

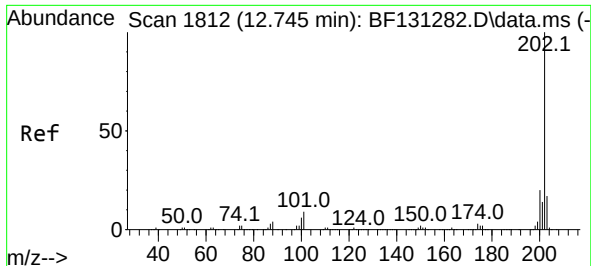
Tgt Ion:167	Resp:	67802
Ion Ratio	Lower	Upper
167	100	
166	21.3	17.4 26.2
139	12.8	10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 4.376 ng
 RT: 12.080 min Scan# 1699
 Delta R.T. -0.006 min
 Lab File: BF131304.D
 Acq: 18 Nov 2022 18:44

Tgt Ion:149	Resp:	83458
Ion Ratio	Lower	Upper
149	100	
150	8.7	7.1 10.7
104	5.5	4.3 6.5

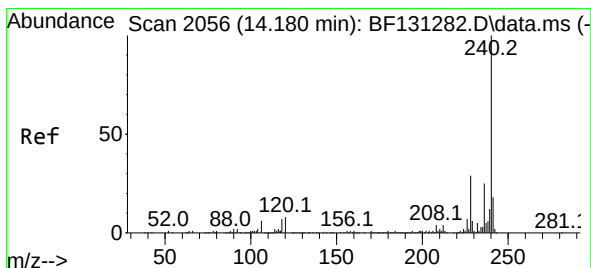
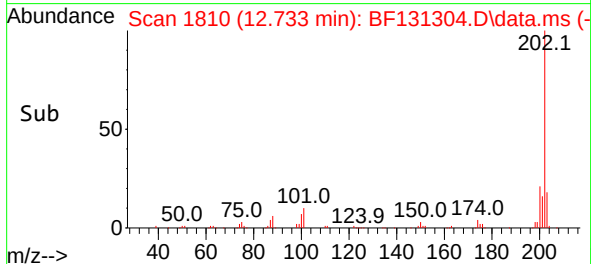
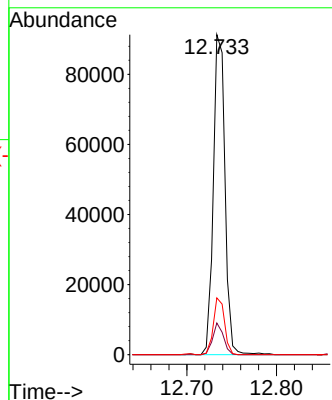
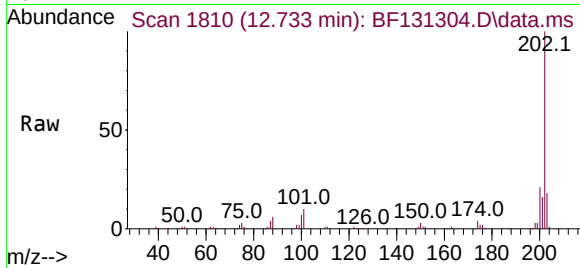




#75
Fluoranthene
Concen: 4.137 ng
RT: 12.733 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

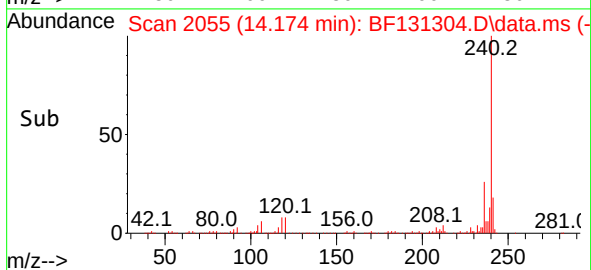
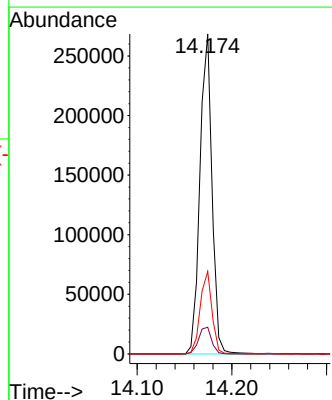
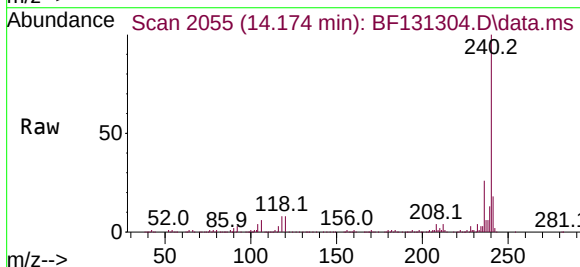
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

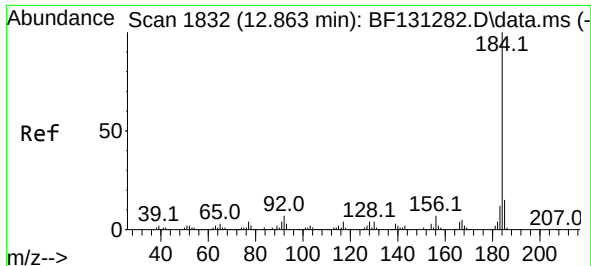
Tgt Ion:202 Resp: 82487
Ion Ratio Lower Upper
202 100
101 9.9 0.0 28.5
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:240 Resp: 237201
Ion Ratio Lower Upper
240 100
120 8.3 6.2 9.2
236 25.8 19.8 29.6

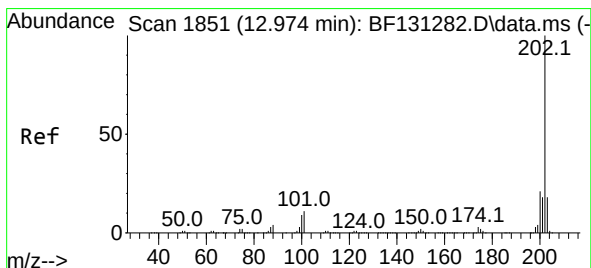
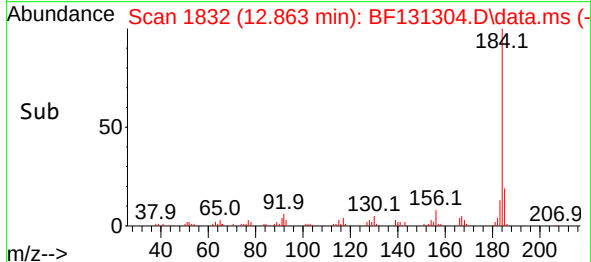
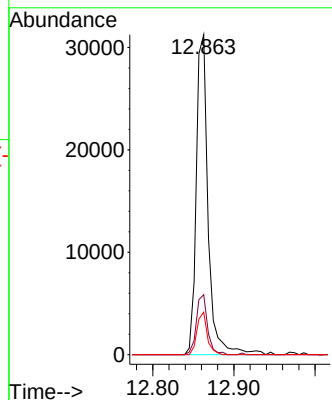
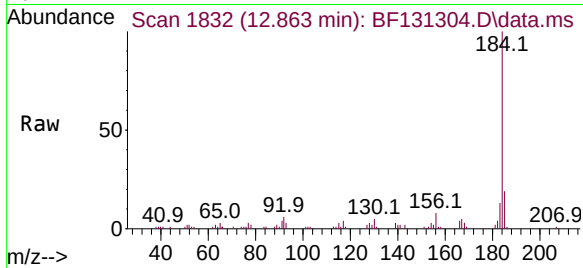




#77
Benzidine
Concen: 5.887 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

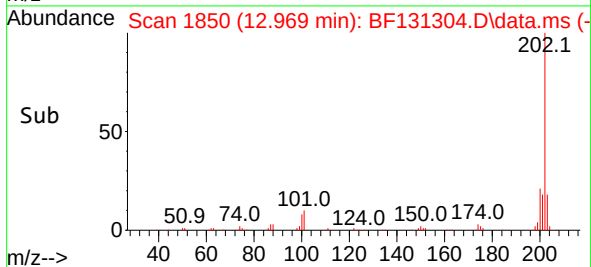
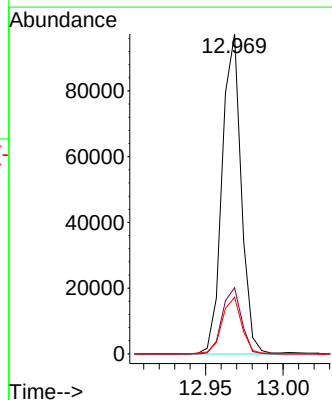
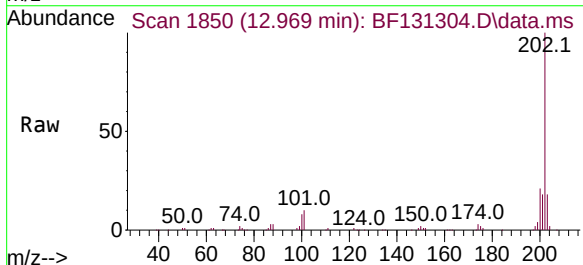
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

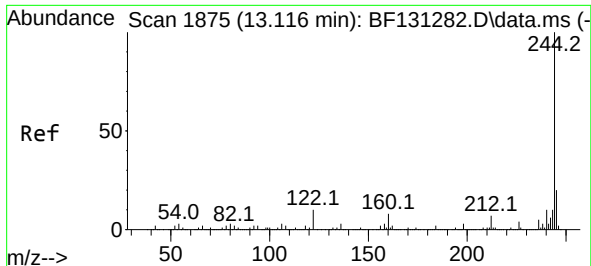
Tgt Ion:184 Resp: 31584
Ion Ratio Lower Upper
184 100
185 18.7 12.3 18.5#
183 13.2 9.3 13.9



#78
Pyrene
Concen: 3.656 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:202 Resp: 83426
Ion Ratio Lower Upper
202 100
200 20.7 17.2 25.8
203 17.7 14.3 21.5

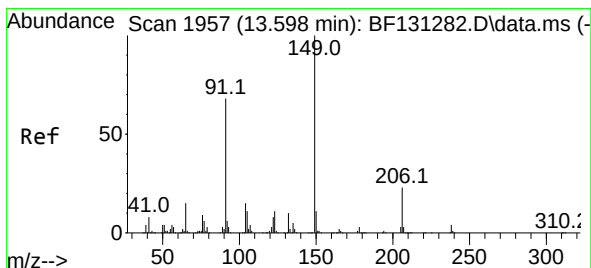
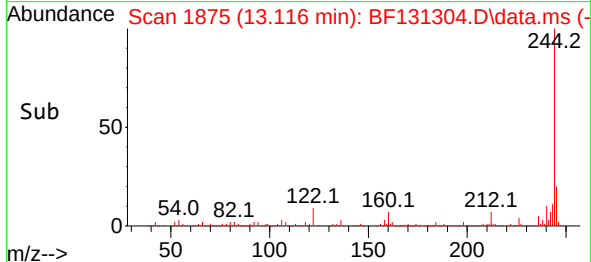
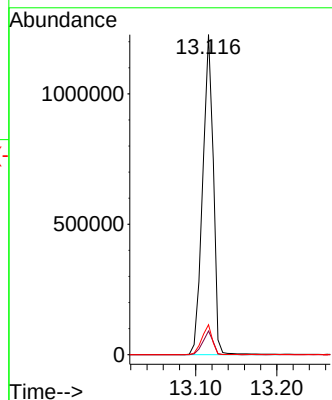
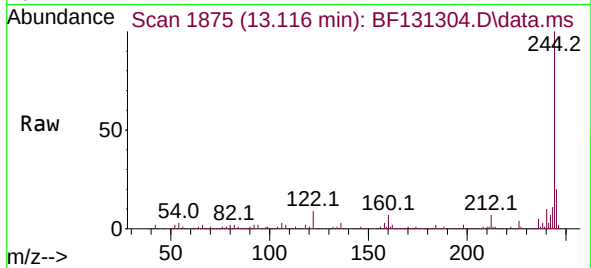




#79
 Terphenyl-d14
 Concen: 70.247 ng
 RT: 13.116 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: BF131304.D
 Acq: 18 Nov 2022 18:44

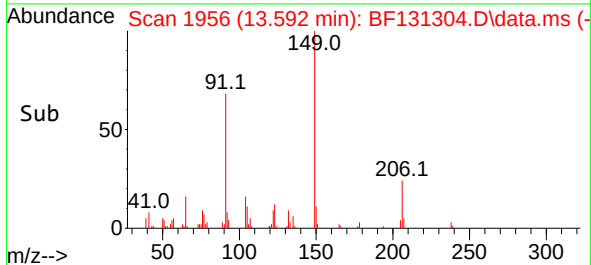
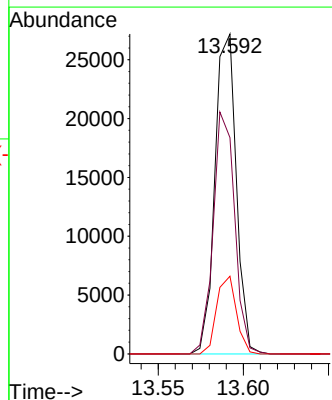
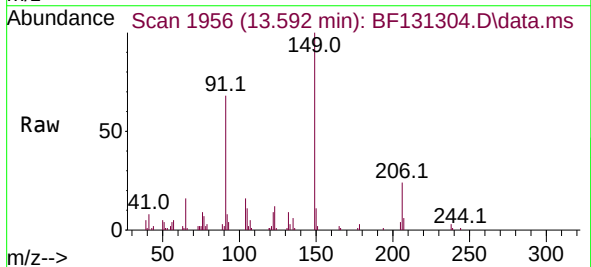
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

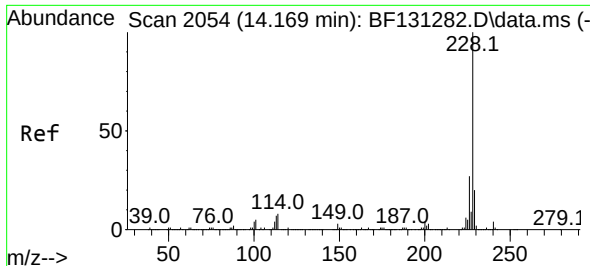
Tgt Ion:244 Resp: 1114727
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.3 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 3.434 ng
 RT: 13.592 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: BF131304.D
 Acq: 18 Nov 2022 18:44

Tgt Ion:149 Resp: 23707
 Ion Ratio Lower Upper
 149 100
 91 67.6 54.6 82.0
 206 24.3 18.1 27.1

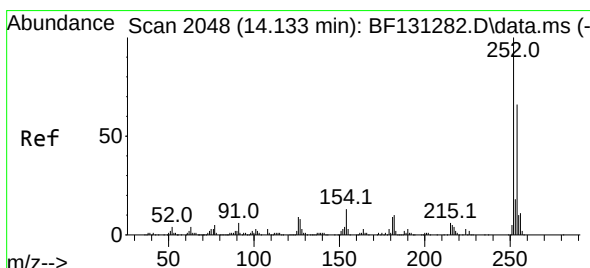
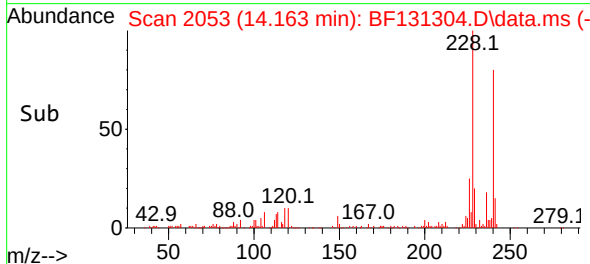
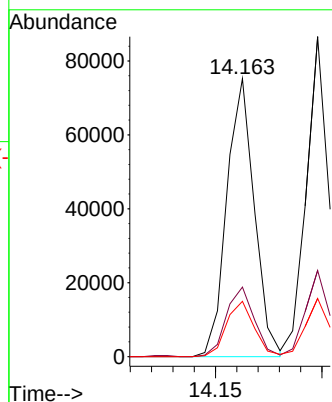
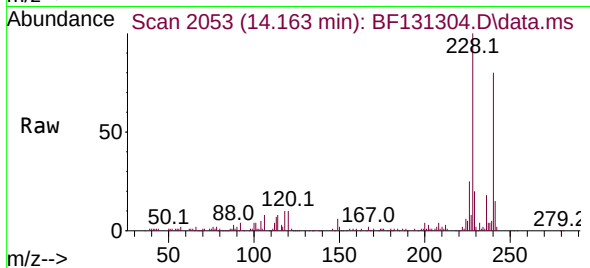




#81
Benzo(a)anthracene
Concen: 4.040 ng
RT: 14.163 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

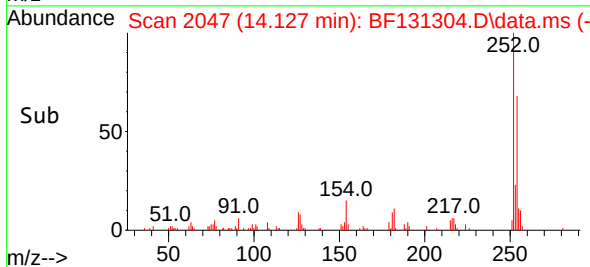
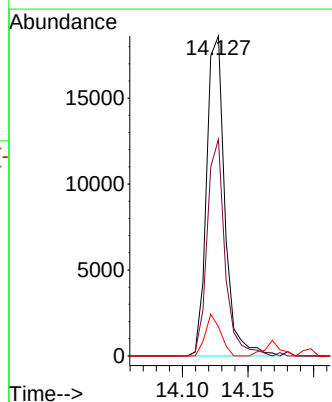
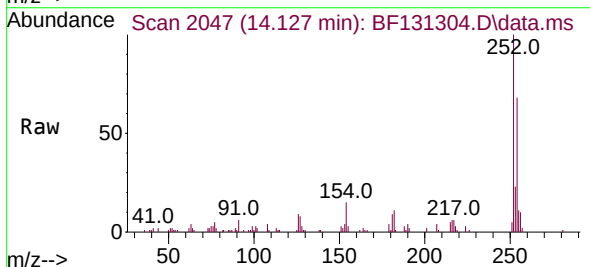
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

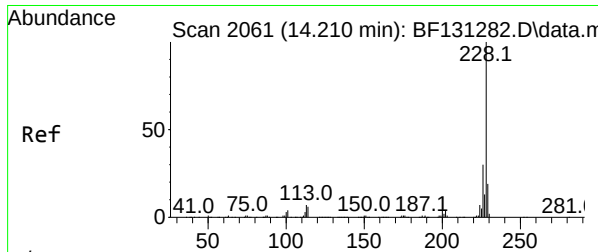
Tgt Ion:228 Resp: 67568
Ion Ratio Lower Upper
228 100
226 25.0 21.5 32.3
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 4.061 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:252 Resp: 18027
Ion Ratio Lower Upper
252 100
254 67.7 52.6 78.8
126 9.1 7.0 10.6

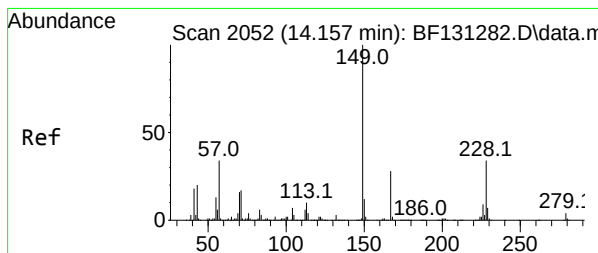
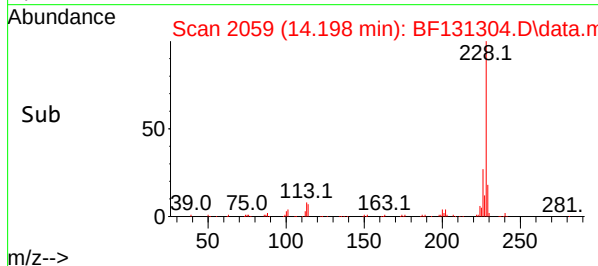
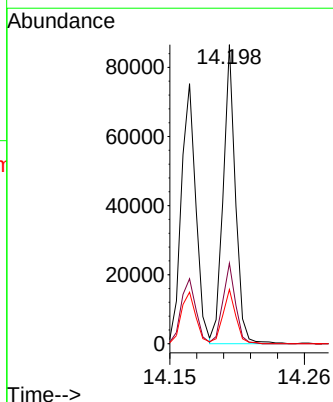
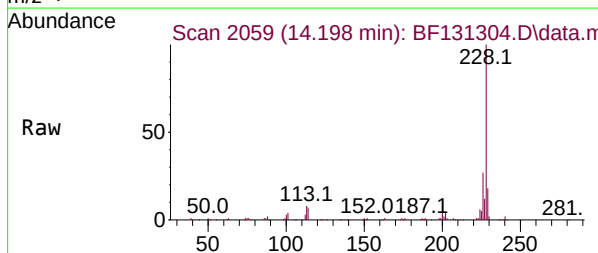




#83
Chrysene
Concen: 4.086 ng
RT: 14.198 min Scan# 2059
Delta R.T. -0.012 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

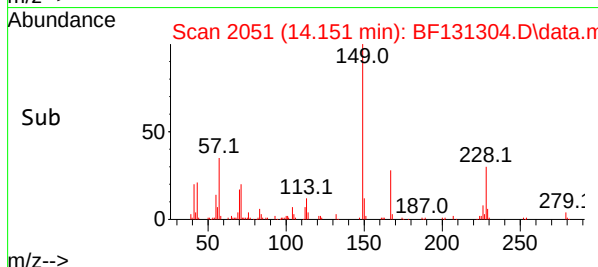
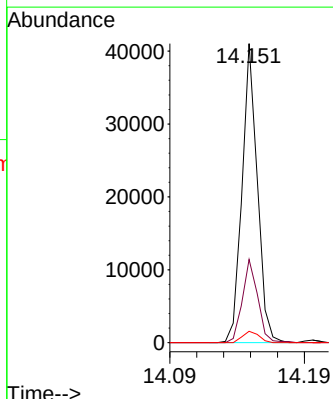
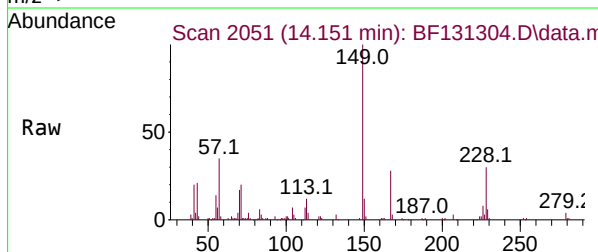
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

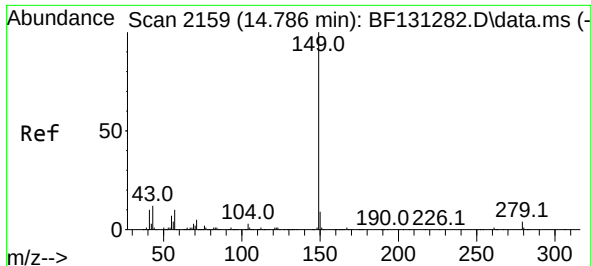
Tgt Ion:	228	Resp:	65347
Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.8	35.6
229	18.2	15.2	22.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.015 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:	149	Resp:	32261
Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	3.8	3.4	5.2

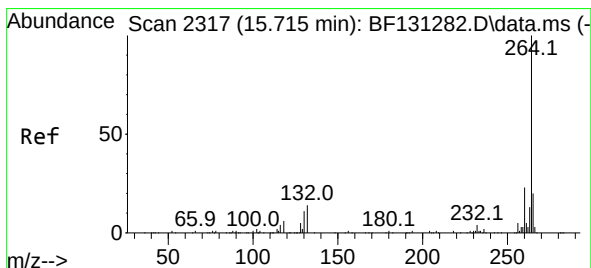
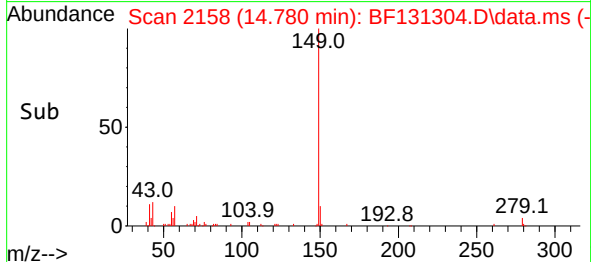
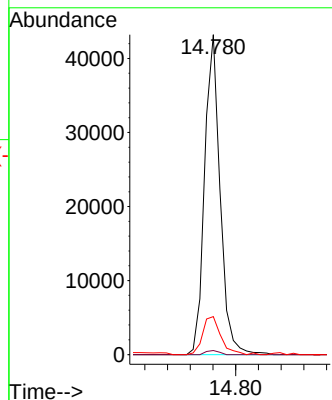
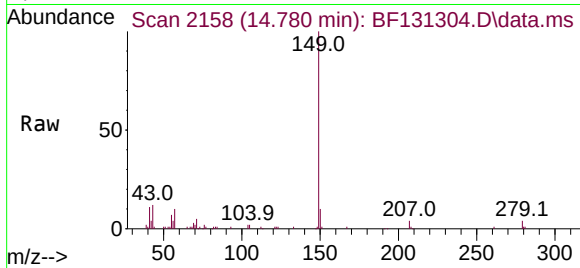




#85
Di-n-octyl phthalate
Concen: 3.596 ng
RT: 14.780 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

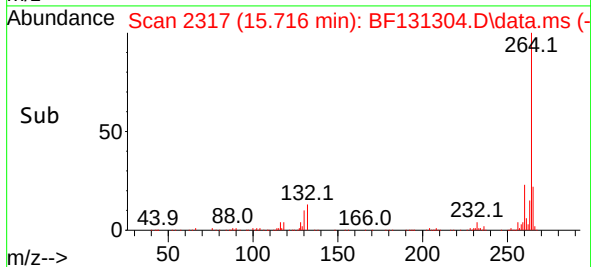
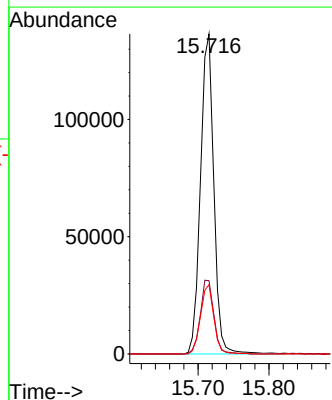
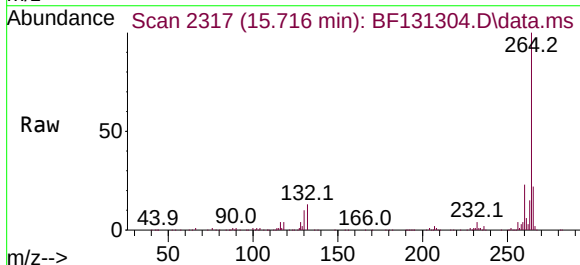
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

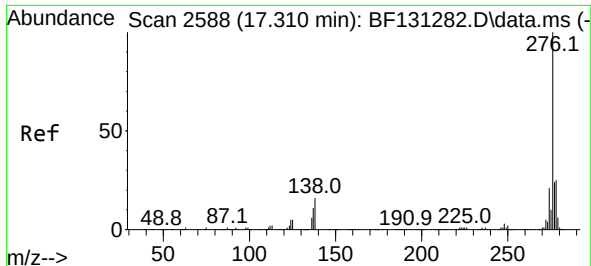
Tgt Ion:149 Resp: 41016
Ion Ratio Lower Upper
149 100
167 1.1 1.2 1.8#
43 14.0 10.6 16.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.716 min Scan# 2317
Delta R.T. 0.000 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:264 Resp: 177144
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.6 16.2 24.4

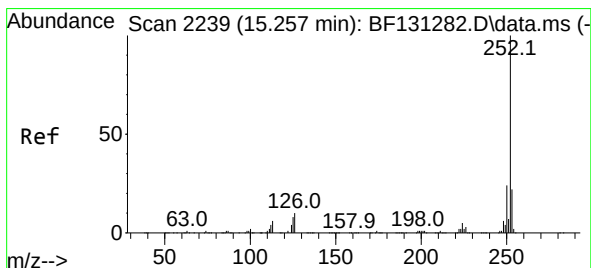
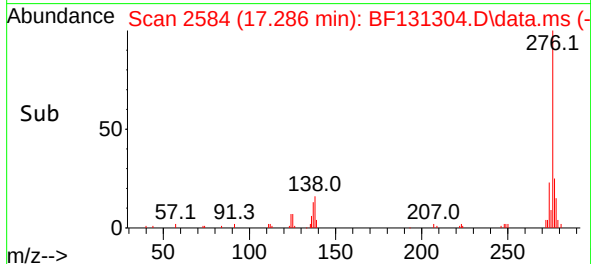
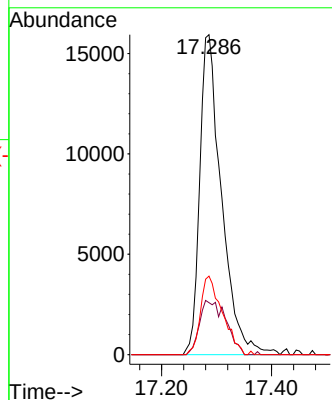
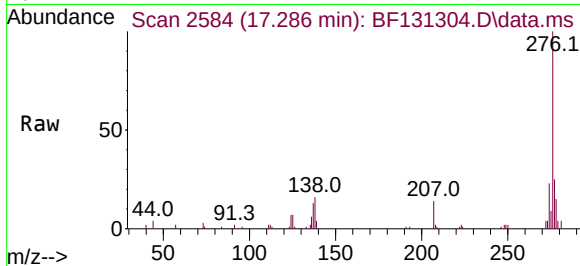




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.256 ng
 RT: 17.286 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF131304.D
 Acq: 18 Nov 2022 18:44

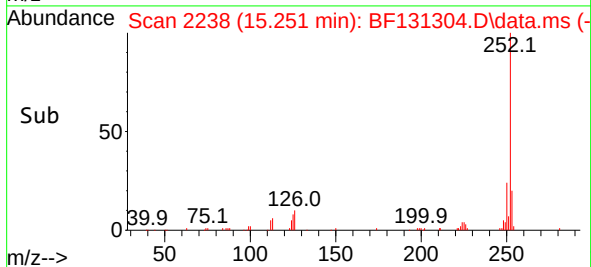
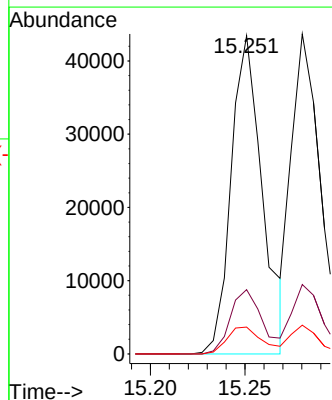
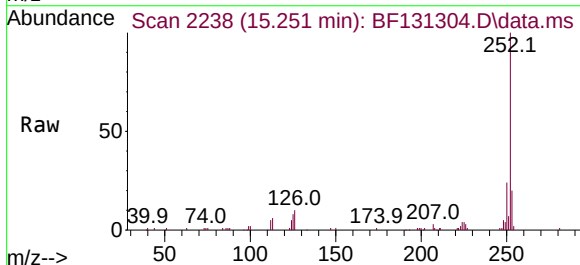
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

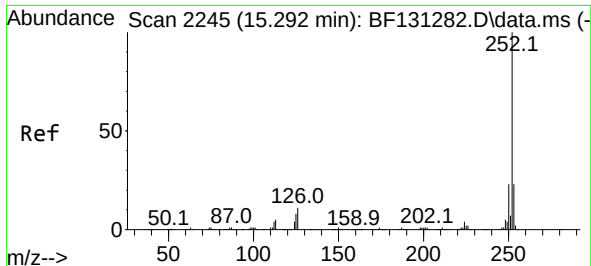
Tgt Ion:276 Resp: 43738
 Ion Ratio Lower Upper
 276 100
 138 20.5 15.1 22.7
 277 24.5 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 4.186 ng
 RT: 15.251 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF131304.D
 Acq: 18 Nov 2022 18:44

Tgt Ion:252 Resp: 49902
 Ion Ratio Lower Upper
 252 100
 253 20.2 17.4 26.0
 125 8.4 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 3.907 ng

RT: 15.280 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

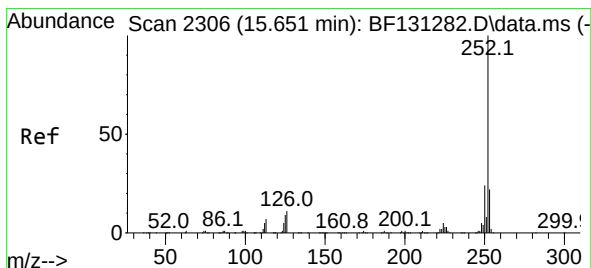
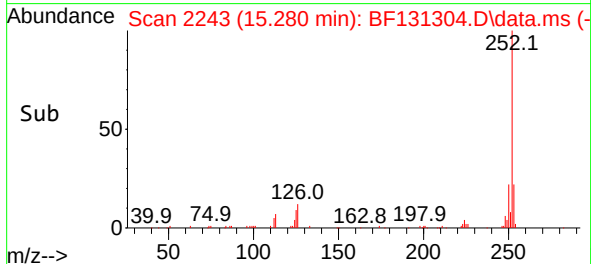
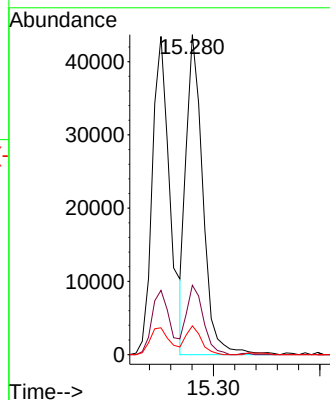
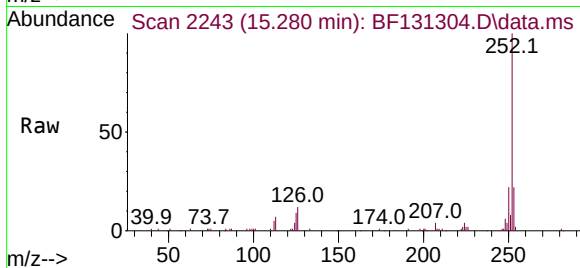
Tgt Ion:252 Resp: 47615

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 9.0 6.5 9.7



#90

Benzo(a)pyrene

Concen: 4.118 ng

RT: 15.645 min Scan# 2305

Delta R.T. -0.006 min

Lab File: BF131304.D

Acq: 18 Nov 2022 18:44

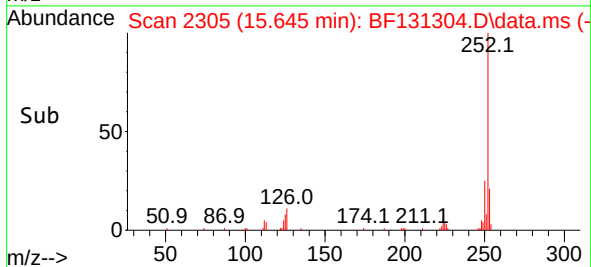
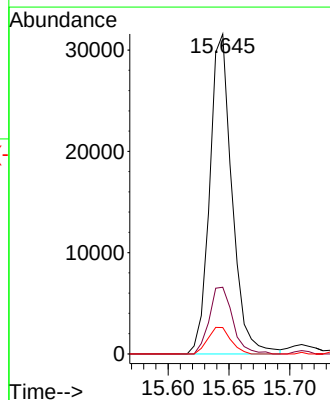
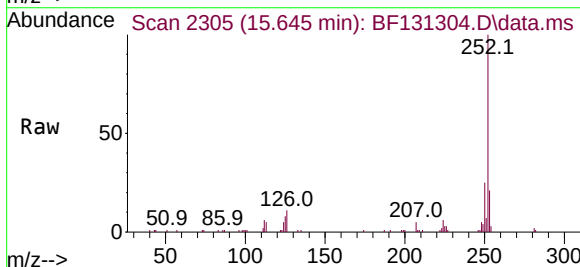
Tgt Ion:252 Resp: 40306

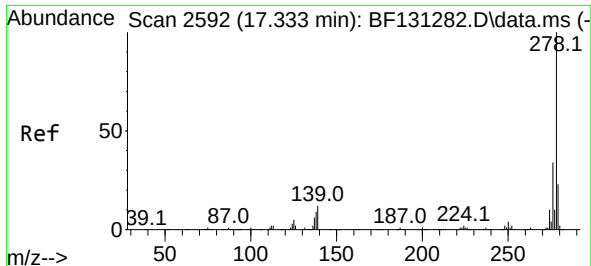
Ion Ratio Lower Upper

252 100

253 20.8 17.7 26.5

125 8.3 7.2 10.8

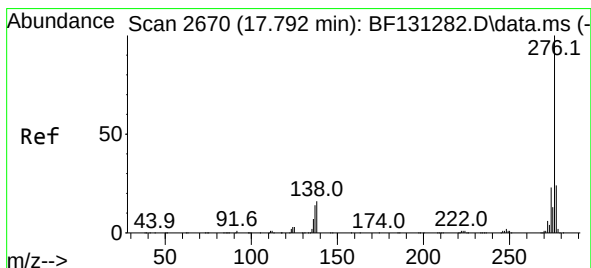
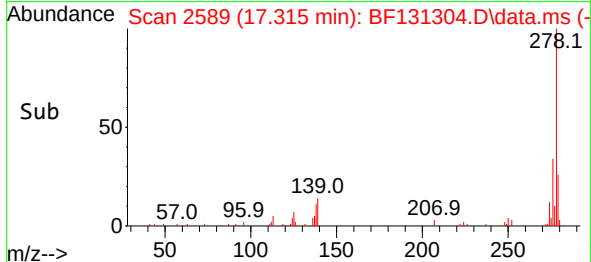
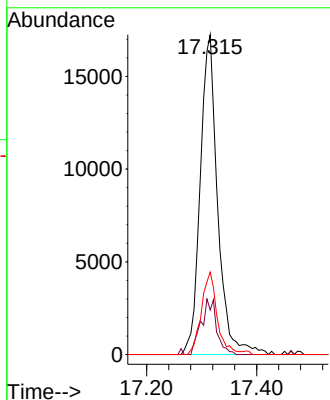
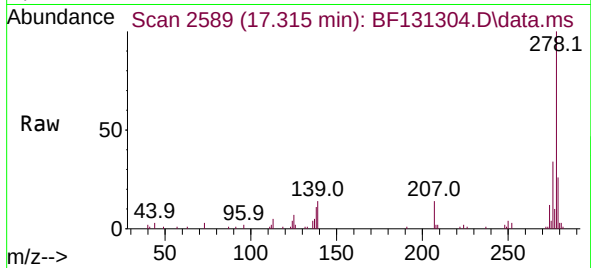




#91
Dibenzo(a,h)anthracene
Concen: 3.439 ng
RT: 17.315 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:278 Resp: 38017
Ion Ratio Lower Upper
278 100
139 13.9 10.0 15.0
279 25.8 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 3.416 ng
RT: 17.757 min Scan# 2664
Delta R.T. -0.035 min
Lab File: BF131304.D
Acq: 18 Nov 2022 18:44

Tgt Ion:276 Resp: 38184
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.0
138 17.8 13.0 19.6

