

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030723\
 Data File : BN024139.D
 Acq On : 07 Mar 2023 11:24
 Operator : CG/JU
 Sample : 01378-02
 Misc : SFAM-MDL-WATER-02
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT1-2023-02

Quant Time: Mar 08 03:03:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 07 04:27:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	255927	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1109918	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	658379	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1377797	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1267218	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1334192	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	31739	4.838	ng/uL	0.00
4) Pyridine-d5	3.834	84	312691	17.225	ng/ul	0.00
7) Phenol-d5	7.205	99	444254	19.352	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	293015	19.932	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	347169	19.692	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	336865	18.459	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	140974	19.569	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	150848	19.202	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	316244	18.656	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	471719	18.652	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	971565	19.121	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	1150229	19.448	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	156027	16.070	ng/ul	0.00
60) Fluorene-d10	15.687	176	837125	19.603	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	102791	13.847	ng/ul	0.00
73) Anthracene-d10	17.539	188	1179675	18.155	ng/ul	0.00
81) Pyrene-d10	19.828	212	1476367	19.935	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	1357038	20.461	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	9490	1.336	ng/uL	97
5) Pyridine	3.858	79	80857	4.303	ng/ul#	86
6) Benzaldehyde	7.187	77	58421	5.238	ng/ul	96
8) Phenol	7.228	94	118792	4.992	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.475	93	92668	4.805	ng/ul	95
12) 2-Chlorophenol	7.616	128	87005	4.754	ng/ul	99
13) 2-Methylphenol	8.493	108	81409	4.549	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.593	45	151790	4.961	ng/ul	99
16) Acetophenone	8.887	105	150881	5.326	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.869	70	66595	4.787	ng/ul	96
18) 4-Methylphenol	8.822	108	94382	4.792	ng/ul	98
19) Hexachloroethane	9.152	117	33148	4.612	ng/ul	97
22) Nitrobenzene	9.269	77	100445	5.151	ng/ul	99
23) Isophorone	9.793	82	201128	4.719	ng/ul	98
25) 2-Nitrophenol	9.987	139	44097	4.886	ng/ul	97
26) 2,4-Dimethylphenol	10.034	107	79782	3.879	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.281	93	131284	4.960	ng/ul	98
29) 2,4-Dichlorophenol	10.516	162	84258	4.925	ng/ul	95
30) Naphthalene	10.928	128	307210	5.030	ng/ul	100
32) 4-Chloroaniline	11.034	127	126611	4.964	ng/ul	99
33) Hexachlorobutadiene	11.216	225	48682	4.669	ng/ul	96
34) Caprolactam	11.799	113	27363	4.690	ng/ul	95
35) 4-Chloro-3-methylphenol	12.140	107	85166	4.518	ng/ul	94
36) 2-Methylnaphthalene	12.528	142	204362	5.082	ng/ul	96

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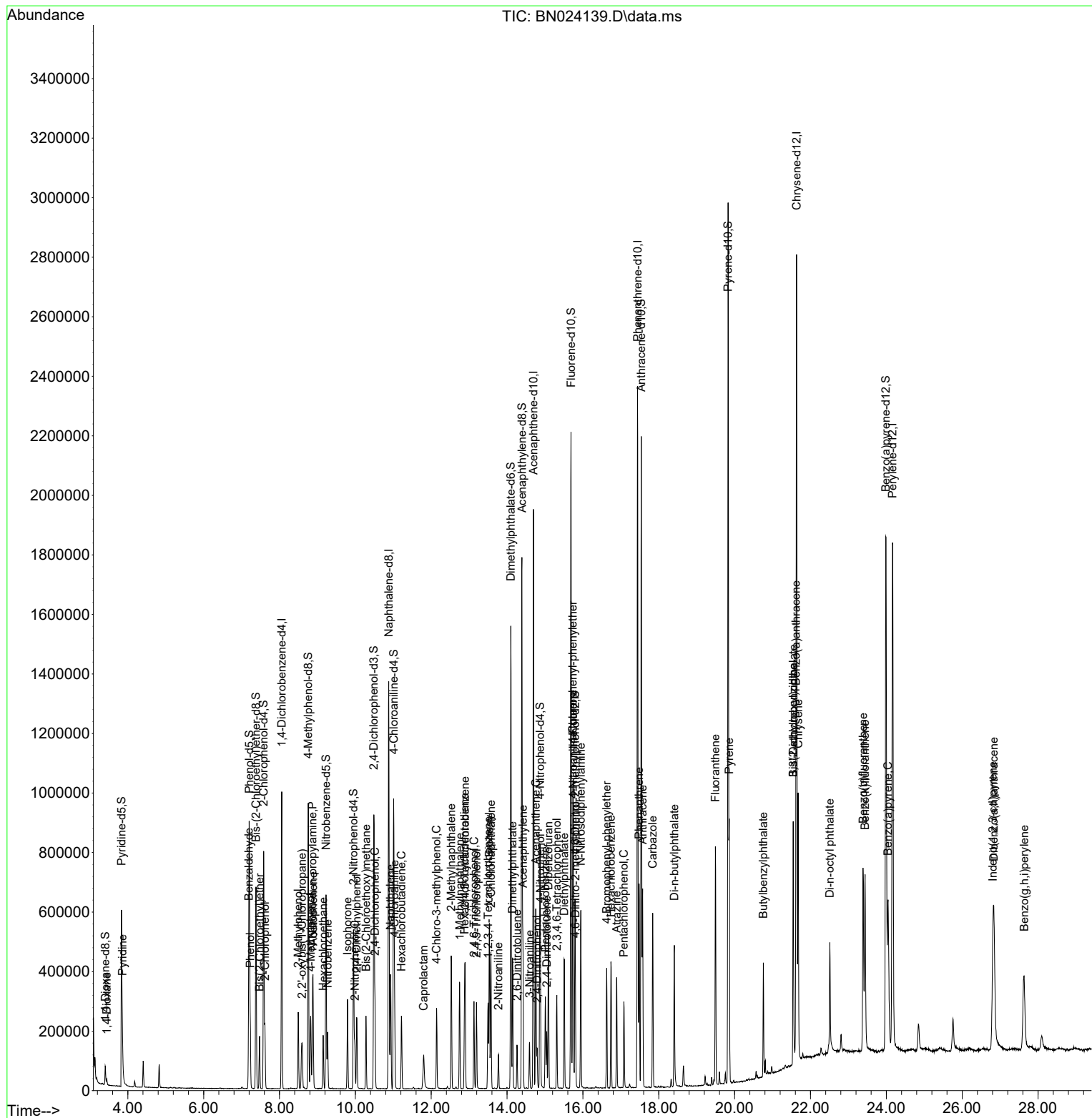
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	160691	3.987	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.893	216	103192	5.209	ng/ul	92
40) Hexachlorocyclopentadiene	12.881	237	45748	4.285	ng/ul	95
41) 2,4,6-Trichlorophenol	13.128	196	59025	4.548	ng/ul	98
42) 2,4,5-Trichlorophenol	13.193	196	64726	4.631	ng/ul	98
43) 1,1'-Biphenyl	13.534	154	276419	5.271	ng/ul	99
44) 2-Chloronaphthalene	13.575	162	213926	5.235	ng/ul	99
45) 2-Nitroaniline	13.775	65	30295	3.403	ng/ul	97
47) Dimethylphthalate	14.146	163	259694	5.071	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	22443	2.977	ng/ul	97
50) Acenaphthylene	14.416	152	337908	5.302	ng/ul	100
51) 3-Nitroaniline	14.593	138	31664	3.456	ng/ul#	98
52) Acenaphthene	14.757	153	228851	5.264	ng/ul	99
53) 2,4-Dinitrophenol	14.793	184	23121	4.430	ng/ul	95
55) 4-Nitrophenol	14.881	109	34282	4.635	ng/ul	95
56) Dibenzofuran	15.093	168	316803	5.187	ng/ul	98
57) 2,4-Dinitrotoluene	15.045	165	43509	3.661	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.310	232	54640	4.547	ng/ul	99
59) Diethylphthalate	15.510	149	246467	4.828	ng/ul	98
61) Fluorene	15.740	166	257994	5.392	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.734	204	121314	5.302	ng/ul	98
63) 4-Nitroaniline	15.745	138	34670	3.913	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.804	198	31703	4.222	ng/ul#	82
67) N-Nitrosodiphenylamine	15.945	169	209212	5.128	ng/ul	97
68) 4-Bromophenyl-phenylether	16.628	248	68401	4.993	ng/ul	98
69) Hexachlorobenzene	16.739	284	85864	5.153	ng/ul	97
70) Atrazine	16.892	200	56600	4.098	ng/ul	97
71) Pentachlorophenol	17.081	266	44570	4.324	ng/ul	95
72) Phenanthrene	17.481	178	399329	5.232	ng/ul	99
74) Anthracene	17.575	178	387494	5.035	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	80331	4.000	ng/uL	96
76) Pentachlorobenzene	15.010	250	74341	3.799	ng/uL	94
77) Carbazole	17.839	167	344608	5.000	ng/ul	99
78) Di-n-butylphthalate	18.410	149	373774	4.556	ng/ul	99
80) Fluoranthene	19.492	202	448864	5.213	ng/ul	99
82) Pyrene	19.857	202	478819	5.271	ng/ul	98
83) Butylbenzylphthalate	20.757	149	96457	4.170	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.545	252	81651	3.343	ng/ul	97
85) Benzo(a)anthracene	21.616	228	445442	5.043	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.545	149	161141	4.198	ng/ul	98
87) Chrysene	21.675	228	438013	5.181	ng/ul	94
89) Di-n-octyl phthalate	22.510	149	251642	3.527	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	411175	4.895	ng/ul	97
91) Benzo(k)fluoranthene	23.439	252	449034	5.405	ng/ul	98
93) Benzo(a)pyrene	24.045	252	387928	5.215	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.810	276	435928	4.653	ng/ul	99
95) Dibenzo(a,h)anthracene	26.833	278	198766	2.606	ng/ul	98
96) Benzo(g,h,i)perylene	27.633	276	361078	4.672	ng/ul	97

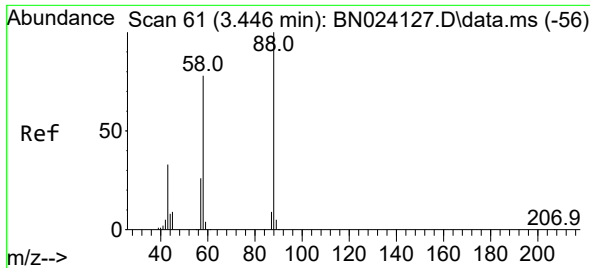
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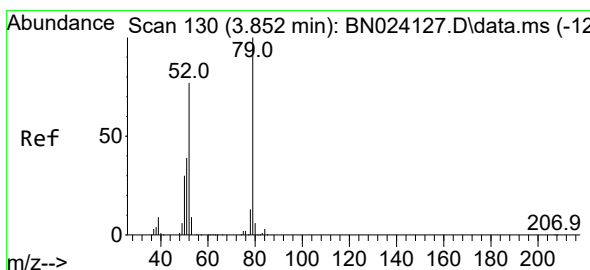
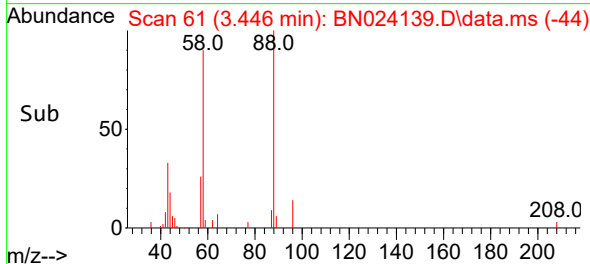
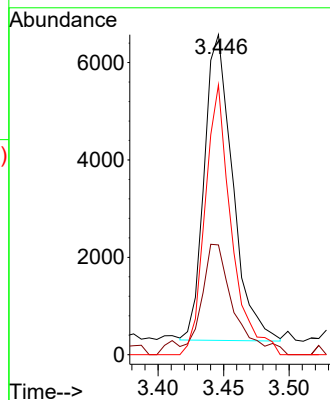
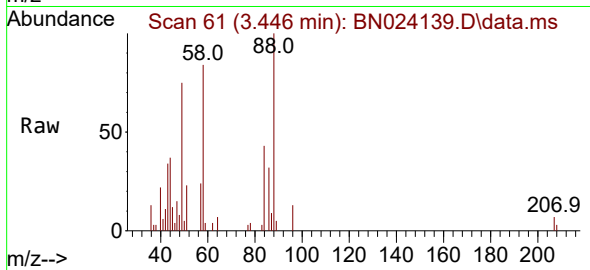




#2
1,4-Dioxane
Concen: 1.336 ng/uL
RT: 3.446 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024139.D
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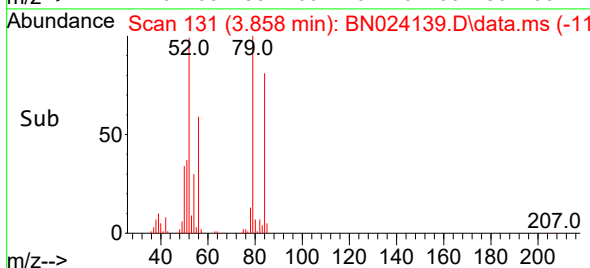
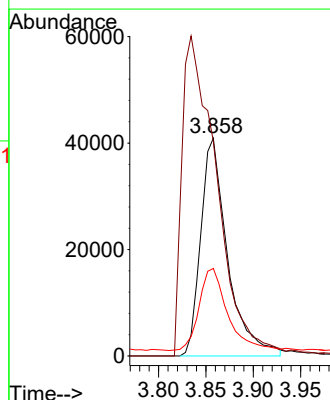
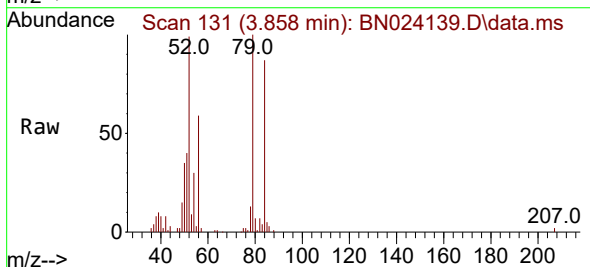
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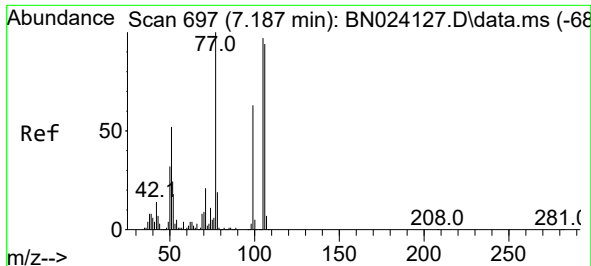
Tgt Ion:	88	Resp:	9490
Ion	Ratio	Lower	Upper
88	100		
43	34.3	26.2	39.4
58	84.3	64.9	97.3



#5
Pyridine
Concen: 4.303 ng/uL
RT: 3.858 min Scan# 131
Delta R.T. 0.006 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion:	79	Resp:	80857
Ion	Ratio	Lower	Upper
79	100		
52	98.6	65.1	97.7#
51	40.2	31.4	47.0

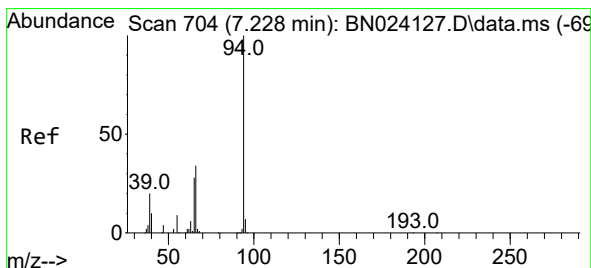
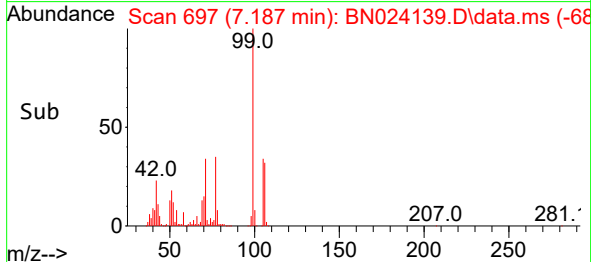
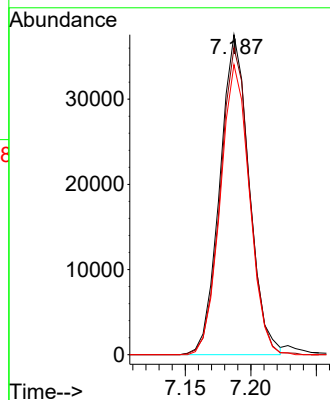
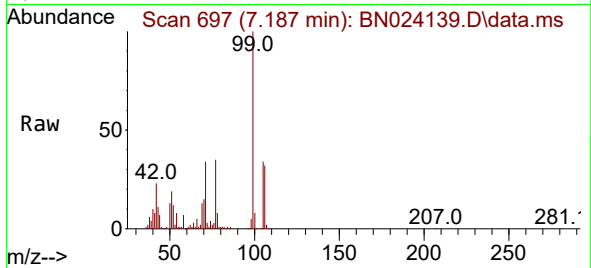




#6
Benzaldehyde
Concen: 5.238 ng/ul
RT: 7.187 min Scan# 697
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

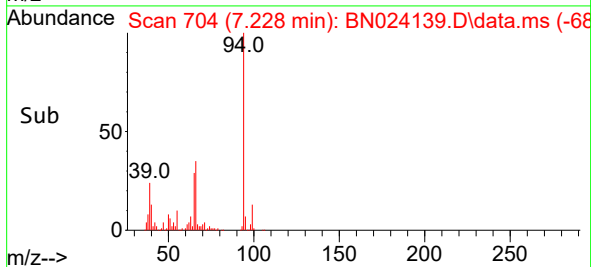
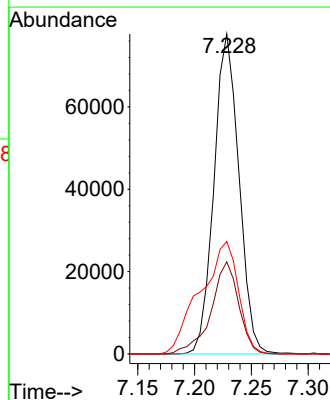
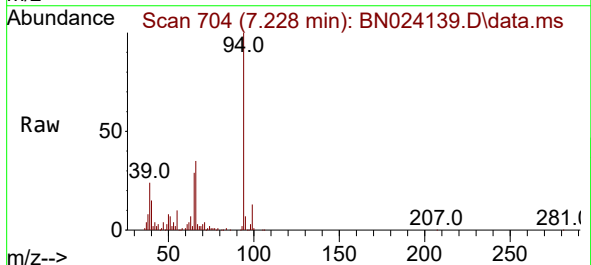
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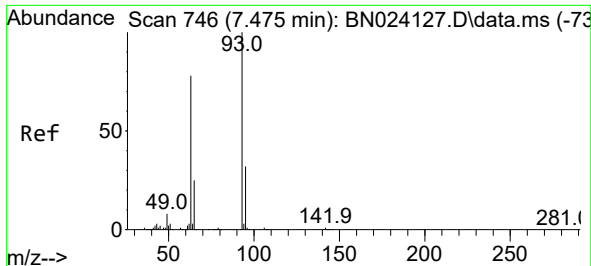
Tgt Ion: 77 Resp: 58421
Ion Ratio Lower Upper
77 100
105 95.9 79.2 118.8
106 90.7 75.9 113.9



#8
Phenol
Concen: 4.992 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion: 94 Resp: 118792
Ion Ratio Lower Upper
94 100
65 28.8 22.9 34.3
66 35.1 29.0 43.6

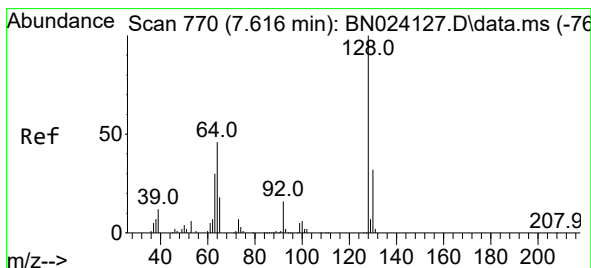
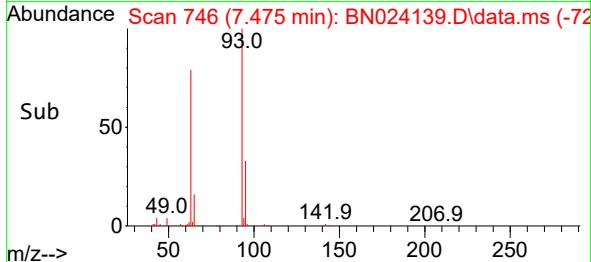
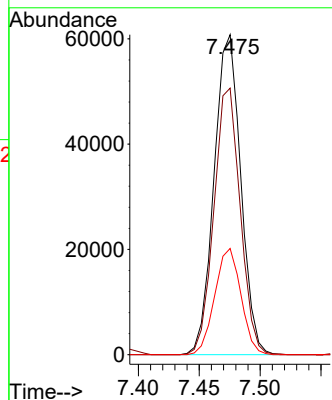
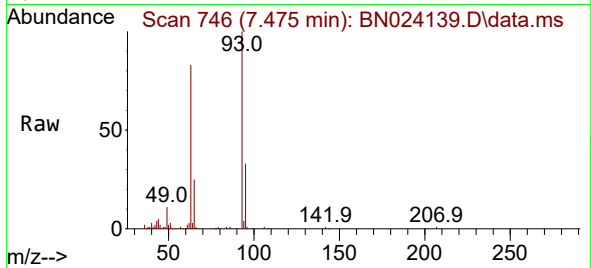




#10
Bis(2-Chloroethyl)ether
Concen: 4.805 ng/ul
RT: 7.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BN024139.D
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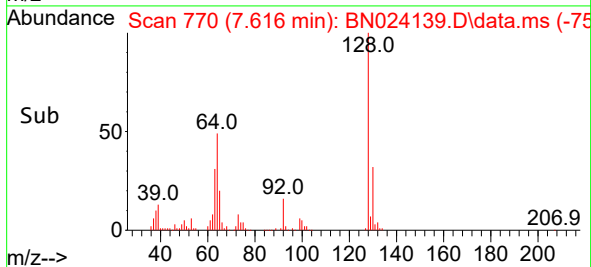
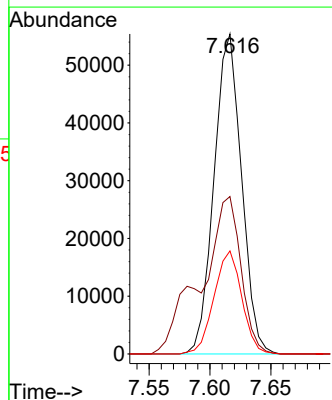
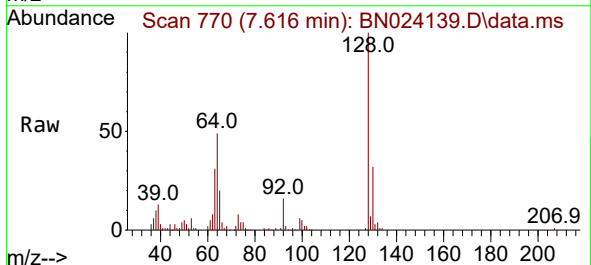
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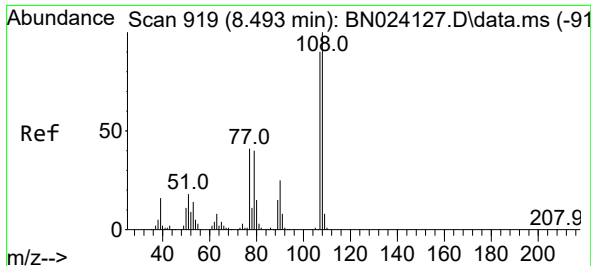
Tgt Ion: 93	Resp: 92668
Ion Ratio	Lower Upper
93 100	
63 83.3	62.6 93.8
95 33.2	25.8 38.6



#12
2-Chlorophenol
Concen: 4.754 ng/ul
RT: 7.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BN024139.D
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Tgt Ion:128	Resp:	87005	
Ion	Ratio	Lower	Upper
128	100		
64	49.2	39.3	58.9
130	32.2	25.1	37.7

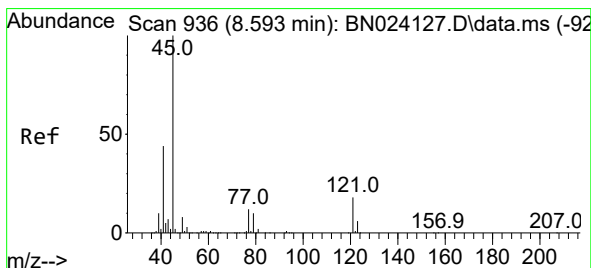
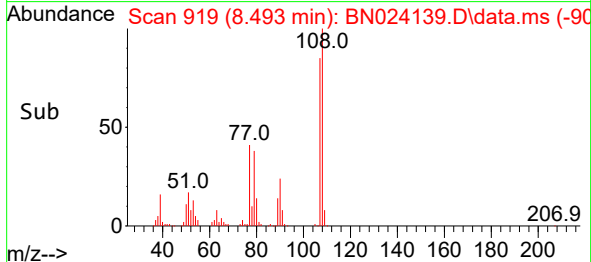
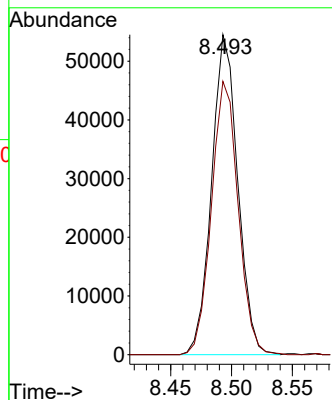
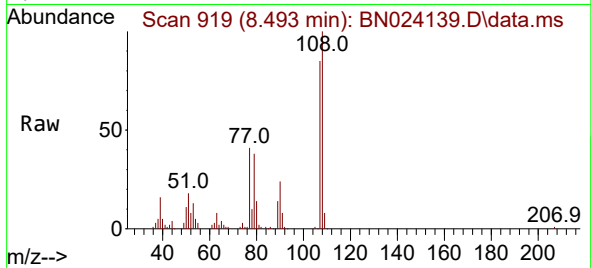




#13
2-Methylphenol
Concen: 4.549 ng/ul
RT: 8.493 min Scan# 919
Delta R.T. 0.000 min
Lab File: BN024139.D
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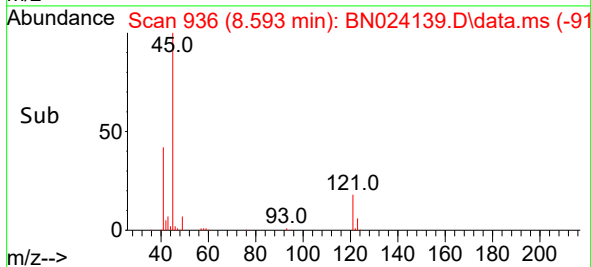
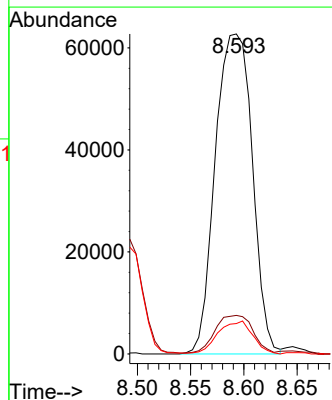
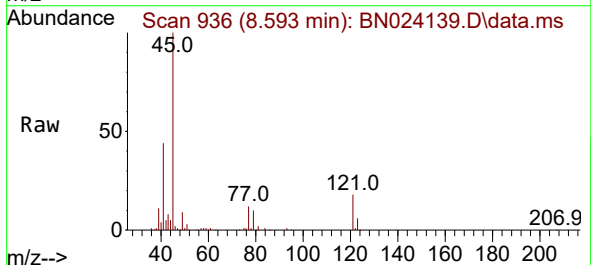
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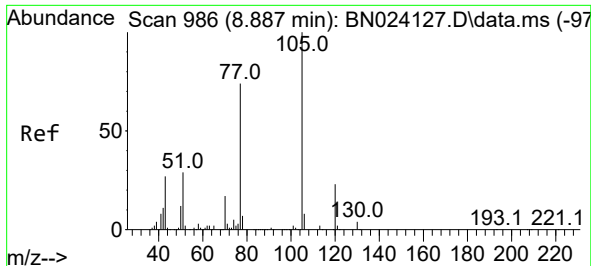
Tgt Ion:108 Resp: 81409
Ion Ratio Lower Upper
108 100
107 85.4 72.3 108.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.961 ng/ul
RT: 8.593 min Scan# 936
Delta R.T. 0.000 min
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Tgt Ion: 45 Resp: 151790
Ion Ratio Lower Upper
45 100
77 12.0 9.8 14.6
79 9.5 7.4 11.0

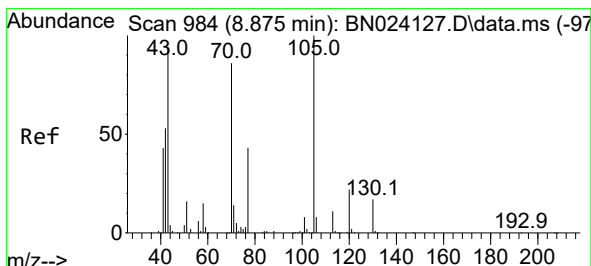
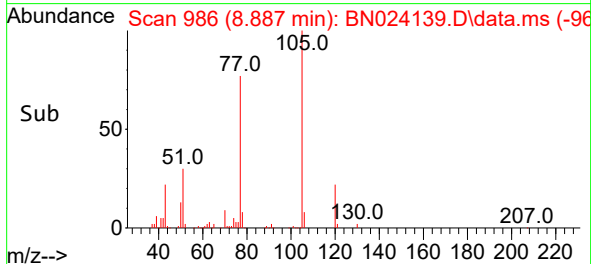
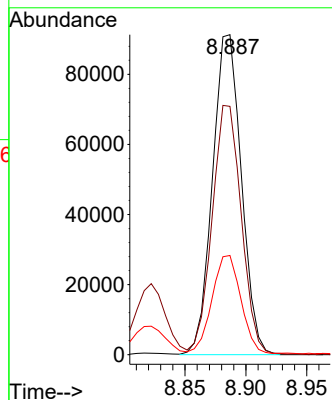
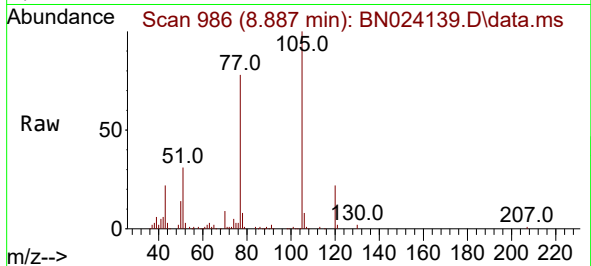




#16
Acetophenone
Concen: 5.326 ng/ul
RT: 8.887 min Scan# 986
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

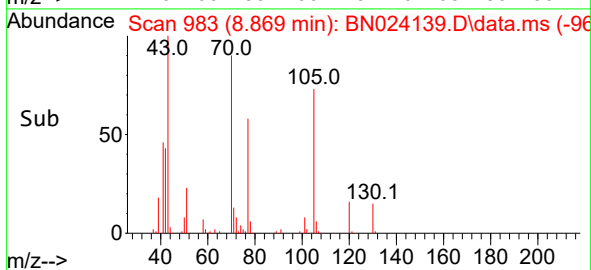
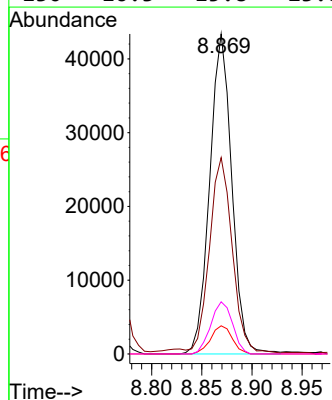
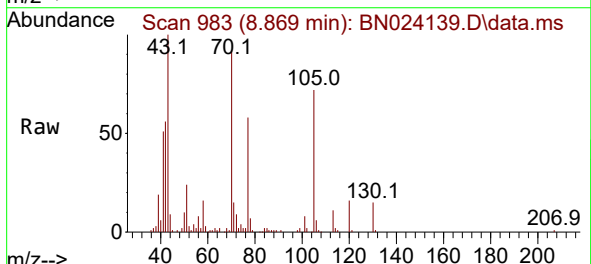
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

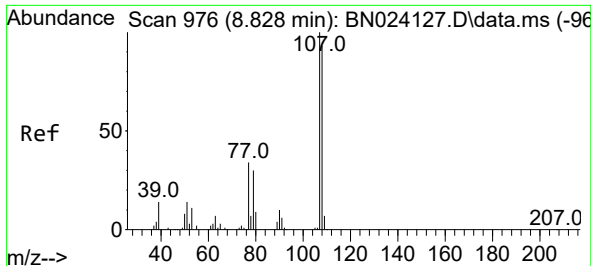
Tgt Ion:105 Resp: 150881
Ion Ratio Lower Upper
105 100
77 77.6 61.4 92.0
51 31.0 23.8 35.8



#17
N-Nitroso-di-n-propylamine
Concen: 4.787 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion: 70 Resp: 66595
Ion Ratio Lower Upper
70 100
42 61.4 50.8 76.2
101 8.8 7.2 10.8
130 16.3 15.8 23.8

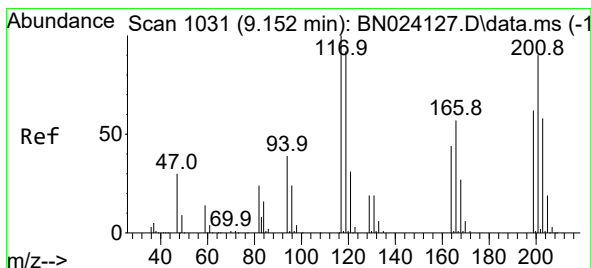
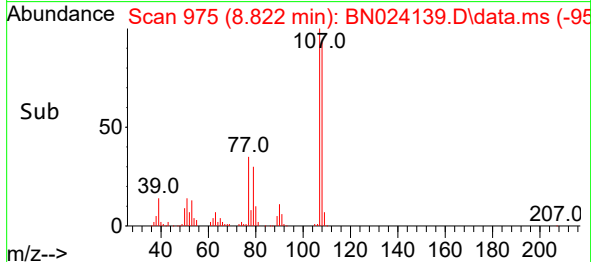
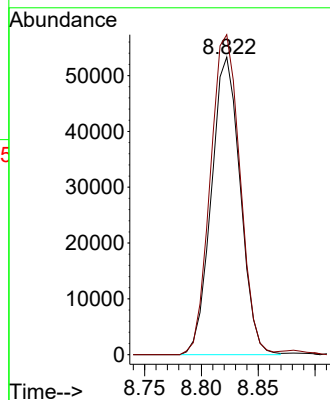
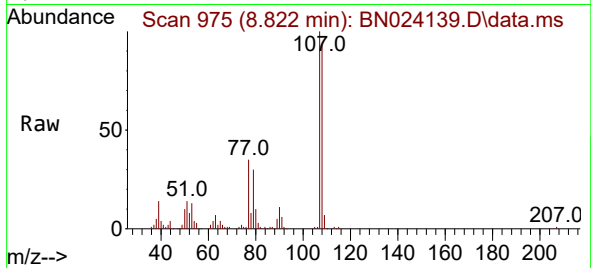




#18
4-Methylphenol
Concen: 4.792 ng/ul
RT: 8.822 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

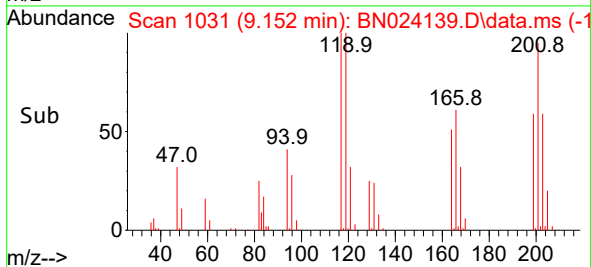
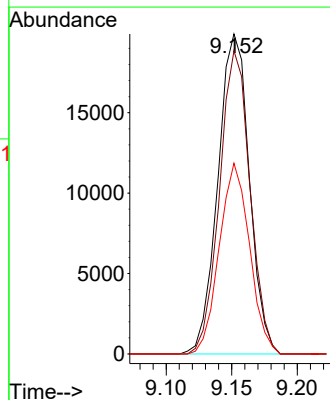
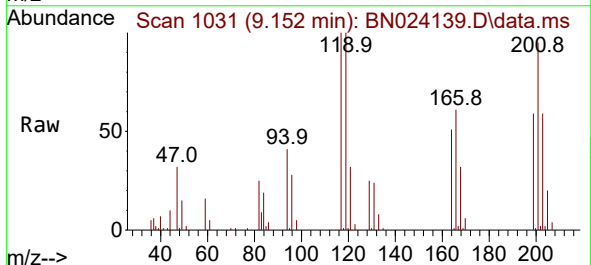
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

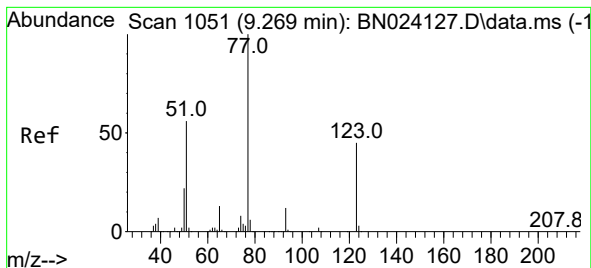
Tgt Ion:108 Resp: 94382
Ion Ratio Lower Upper
108 100
107 107.5 87.8 131.6



#19
Hexachloroethane
Concen: 4.612 ng/ul
RT: 9.152 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion:117 Resp: 33148
Ion Ratio Lower Upper
117 100
201 94.7 73.8 110.6
199 60.8 47.2 70.8





#22

Nitrobenzene

Concen: 5.151 ng/ul

RT: 9.269 min Scan# 1051

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

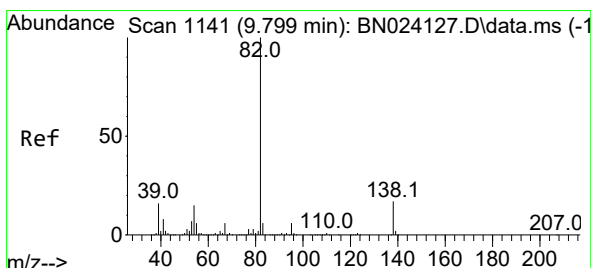
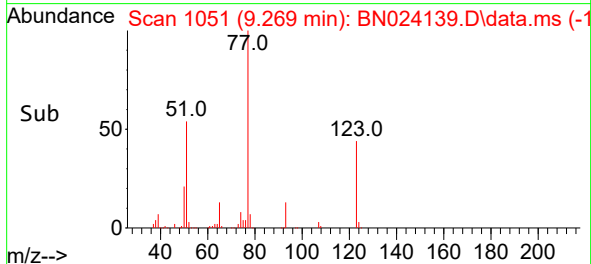
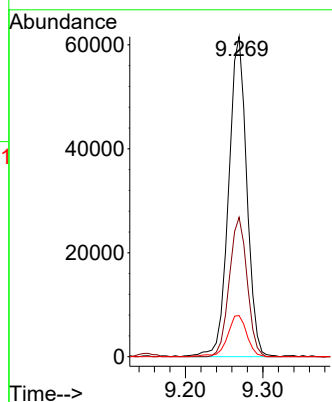
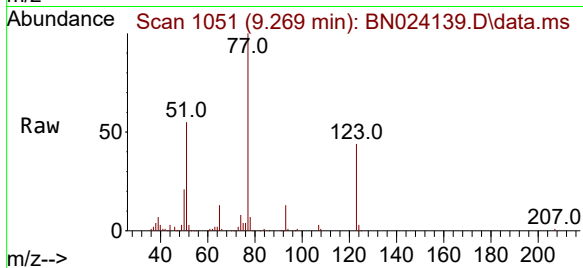
Tgt Ion: 77 Resp: 100445

Ion Ratio Lower Upper

77 100

123 43.5 34.8 52.2

65 12.9 11.0 16.4



#23

Isophorone

Concen: 4.719 ng/ul

RT: 9.793 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

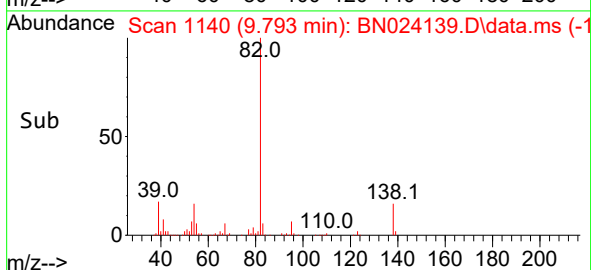
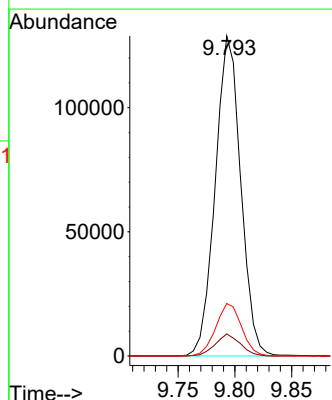
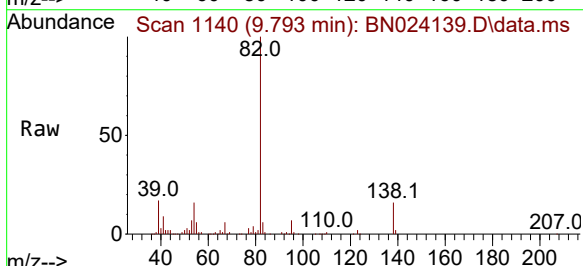
Tgt Ion: 82 Resp: 201128

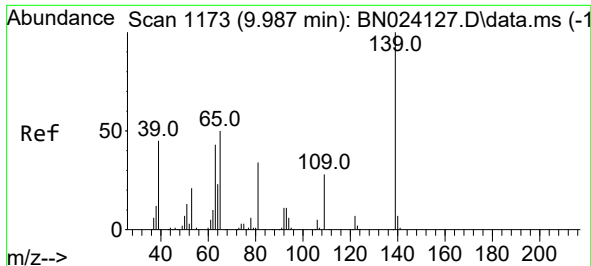
Ion Ratio Lower Upper

82 100

95 6.9 5.0 7.6

138 16.4 13.8 20.6

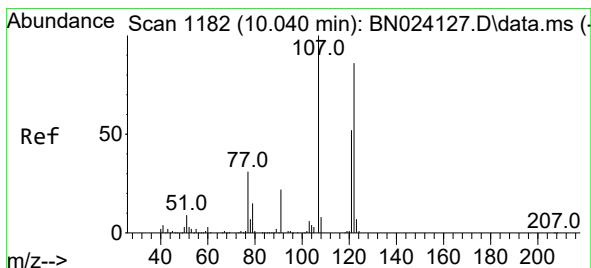
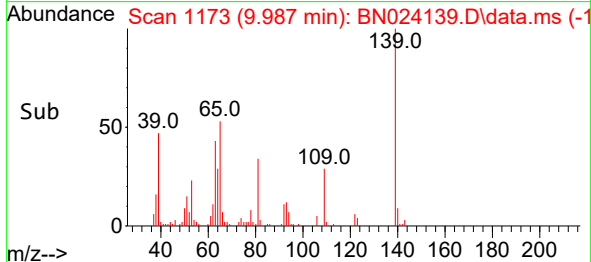
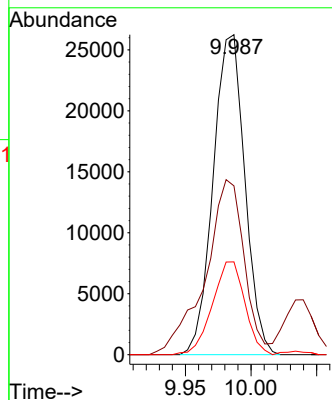
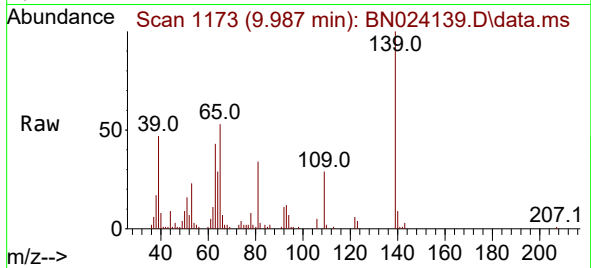




#25
2-Nitrophenol
Concen: 4.886 ng/ul
RT: 9.987 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

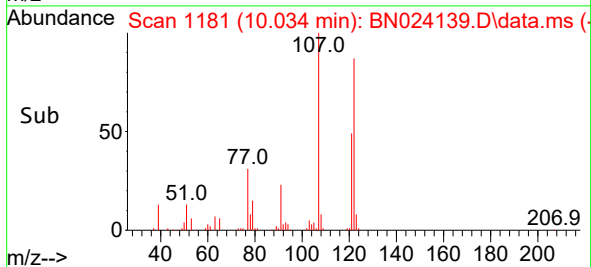
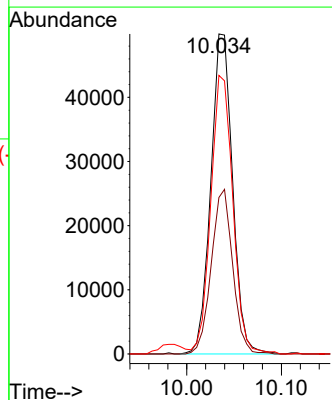
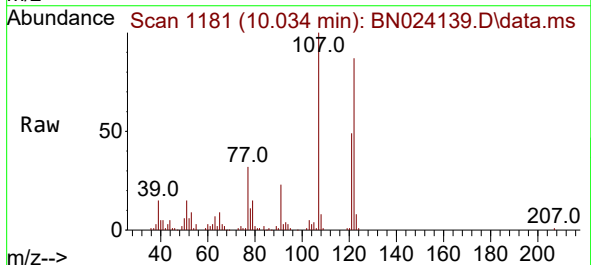
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

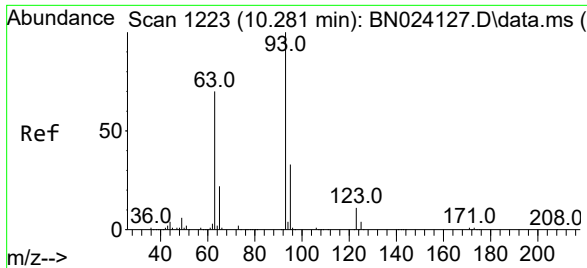
Tgt Ion:139 Resp: 44097
Ion Ratio Lower Upper
139 100
65 52.7 44.5 66.7
109 29.0 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 3.879 ng/ul
RT: 10.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion:107 Resp: 79782
Ion Ratio Lower Upper
107 100
121 48.9 40.2 60.2
122 87.0 71.8 107.8

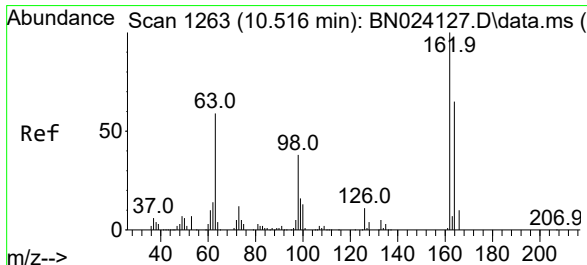
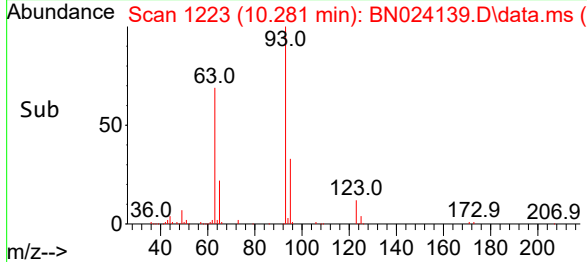
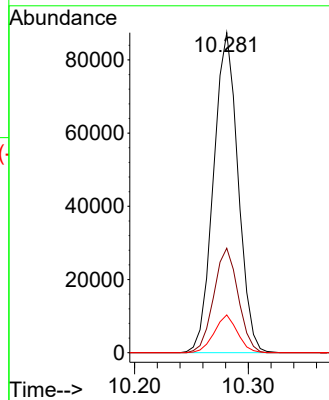
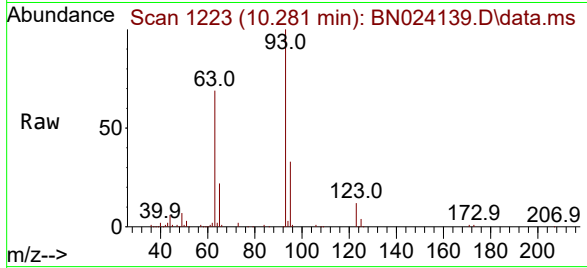




#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.960 ng/ul
 RT: 10.281 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: BN024139.D
 Acq: 07 Mar 2023 11:24

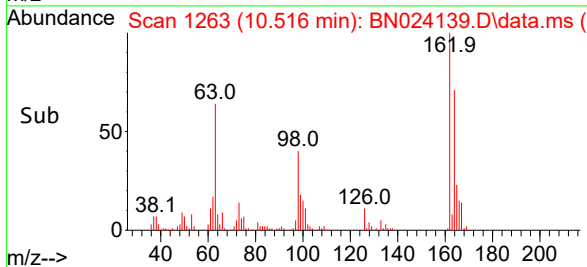
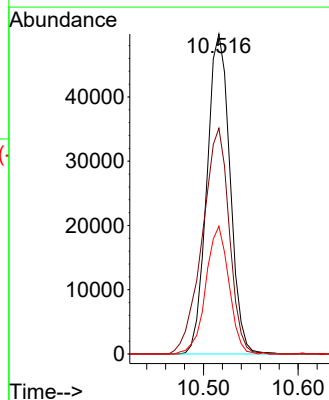
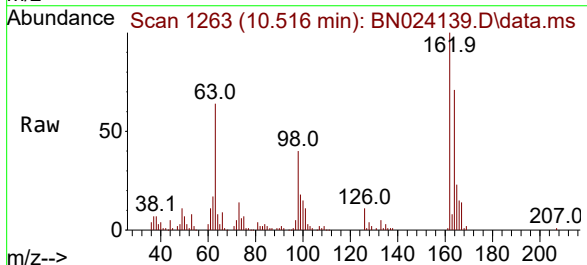
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT1-2023-02

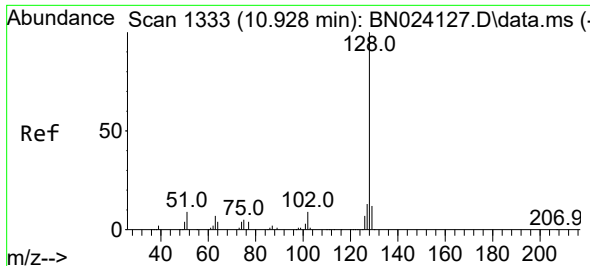
Tgt Ion: 93 Resp: 131284
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.4 38.2
 123 11.8 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 4.925 ng/ul
 RT: 10.516 min Scan# 1263
 Delta R.T. 0.000 min
 Lab File: BN024139.D
 Acq: 07 Mar 2023 11:24

Tgt Ion: 162 Resp: 84258
 Ion Ratio Lower Upper
 162 100
 164 70.5 52.6 78.8
 98 39.9 29.8 44.8

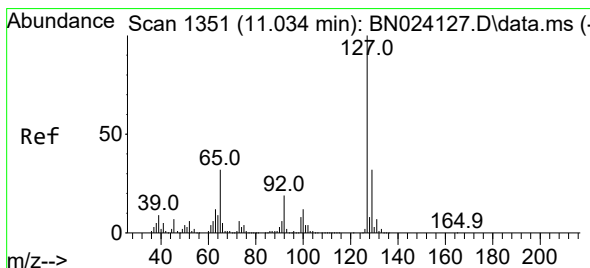
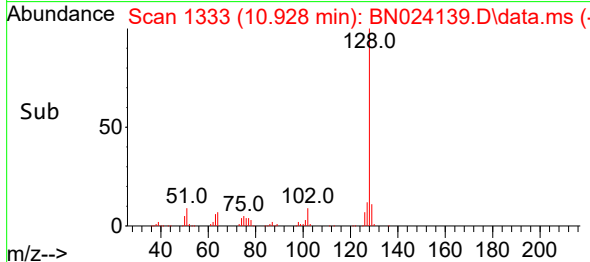
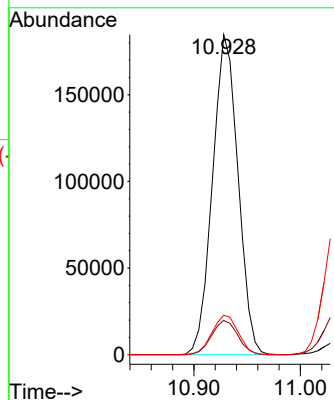
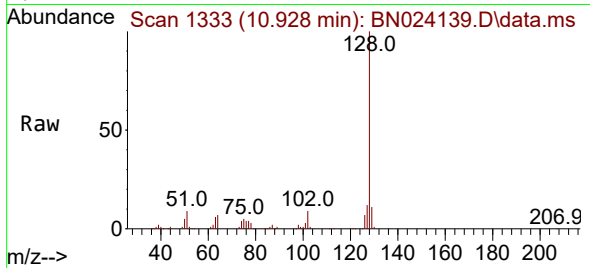




#30
Naphthalene
Concen: 5.030 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

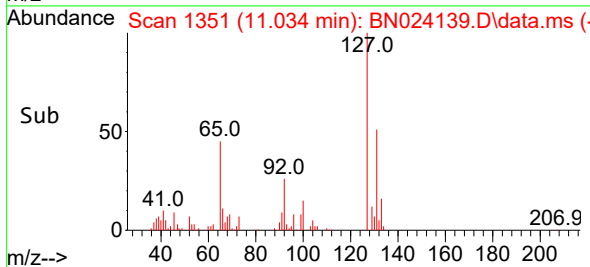
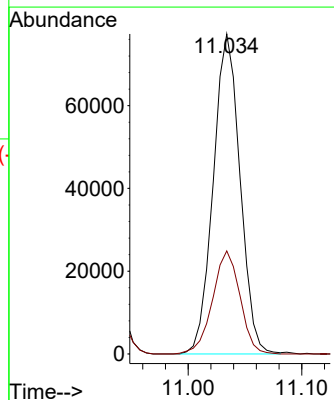
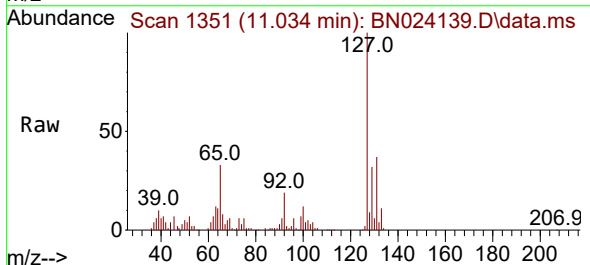
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

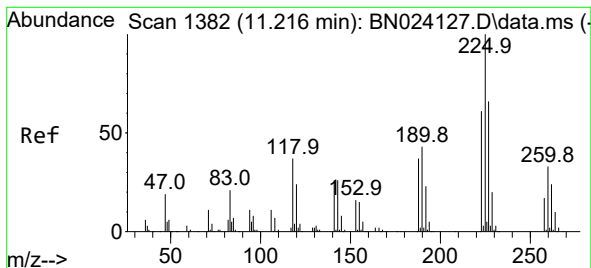
Tgt Ion:128 Resp: 307210
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.4 10.1 15.1



#32
4-Chloroaniline
Concen: 4.964 ng/ul
RT: 11.034 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion:127 Resp: 126611
Ion Ratio Lower Upper
127 100
129 32.2 25.1 37.7





#33

Hexachlorobutadiene

Concen: 4.669 ng/ul

RT: 11.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

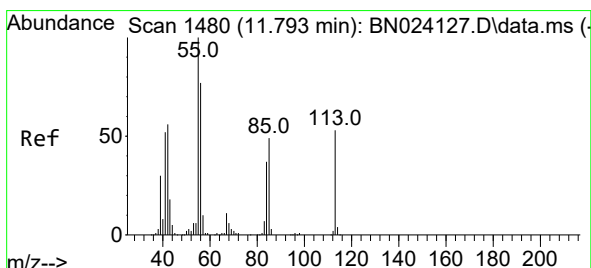
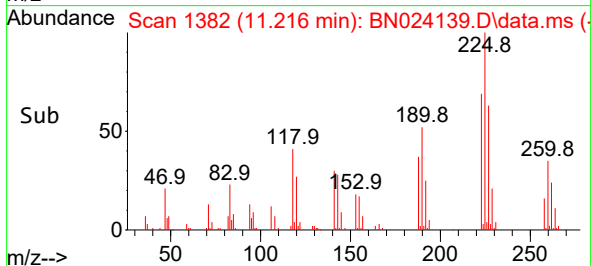
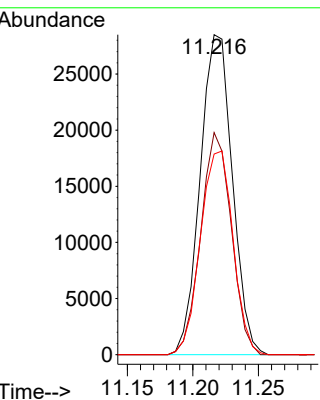
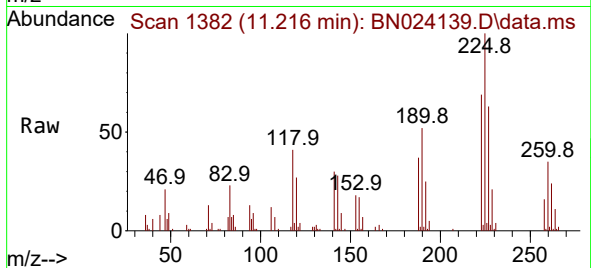
Tgt Ion:225 Resp: 48682

Ion Ratio Lower Upper

225 100

223 69.4 53.6 80.4

227 62.7 53.0 79.4



#34

Caprolactam

Concen: 4.690 ng/ul

RT: 11.799 min Scan# 1481

Delta R.T. 0.006 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

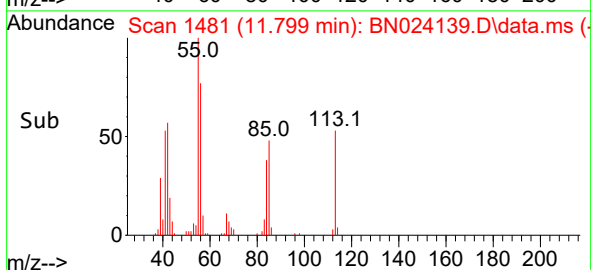
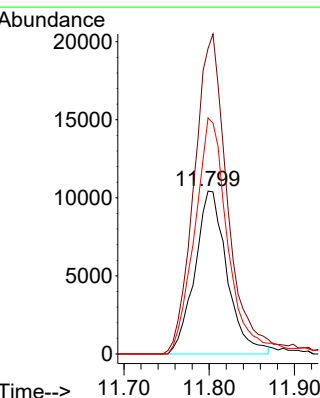
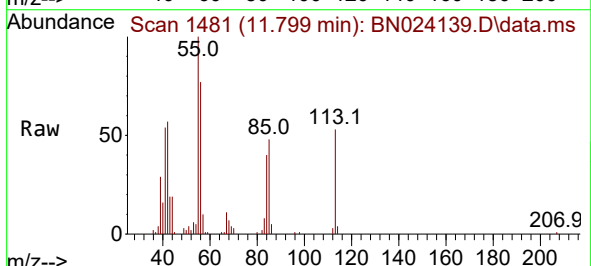
Tgt Ion:113 Resp: 27363

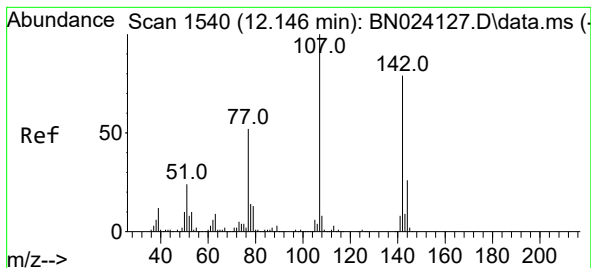
Ion Ratio Lower Upper

113 100

55 187.6 155.4 233.2

56 144.9 111.0 166.6





#35

4-Chloro-3-methylphenol

Concen: 4.518 ng/ul

RT: 12.140 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

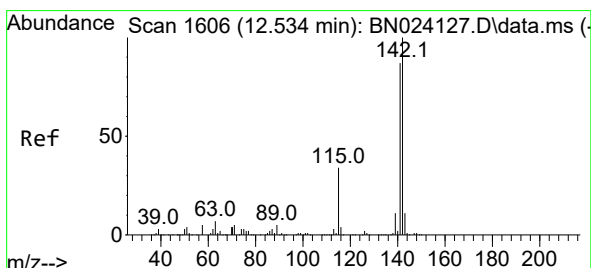
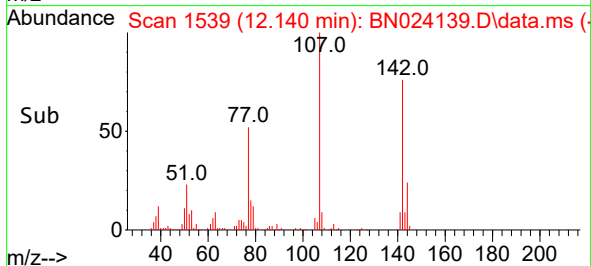
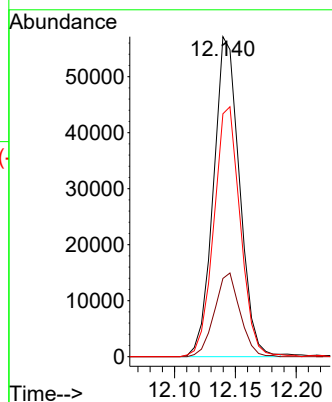
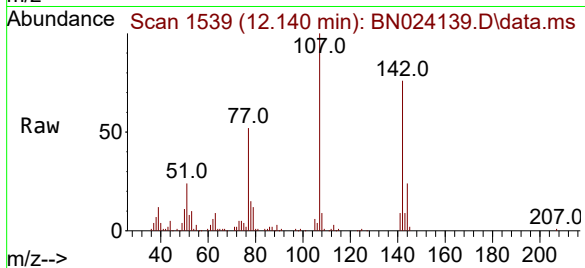
Tgt Ion:107 Resp: 85166

Ion Ratio Lower Upper

107 100

144 24.4 21.0 31.4

142 75.9 65.7 98.5



#36

2-Methylnaphthalene

Concen: 5.082 ng/ul

RT: 12.528 min Scan# 1605

Delta R.T. -0.006 min

Lab File: BN024139.D

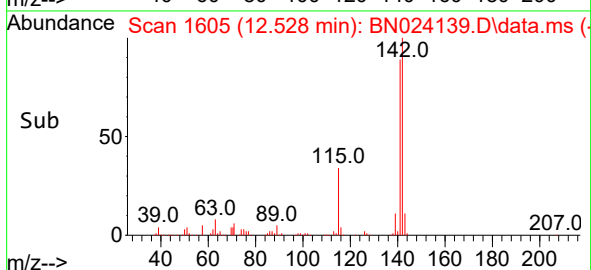
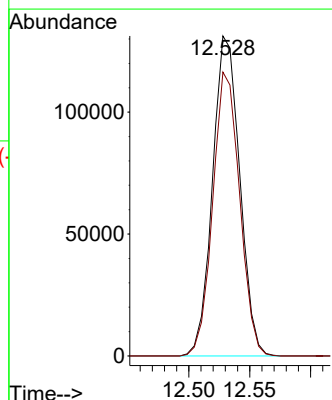
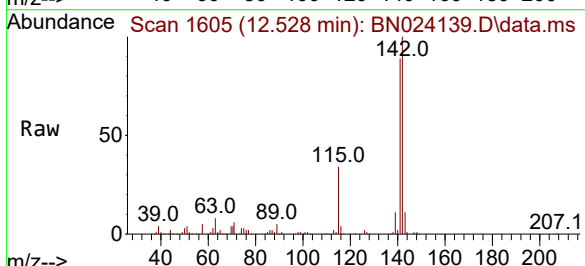
Acq: 07 Mar 2023 11:24

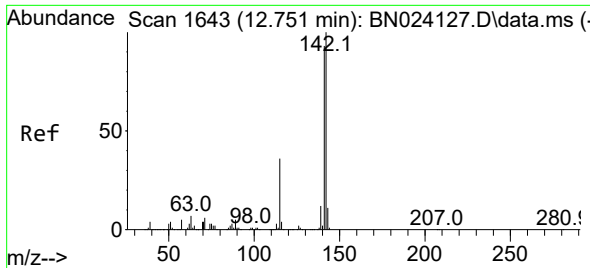
Tgt Ion:142 Resp: 204362

Ion Ratio Lower Upper

142 100

141 88.7 68.2 102.4

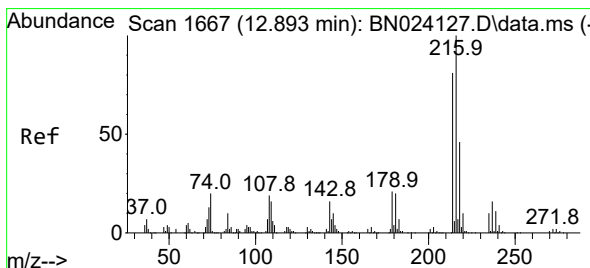
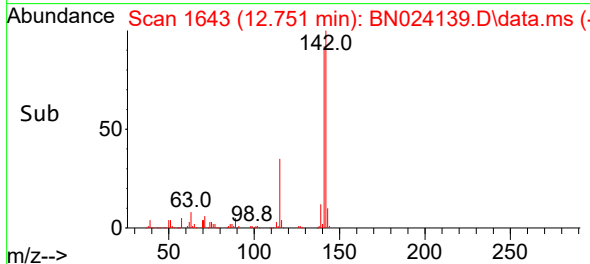
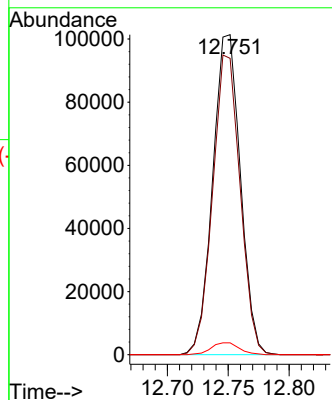
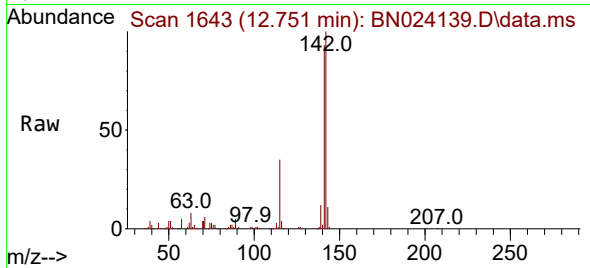




#37
1-Methylnaphthalene
Concen: 3.987 ng/ul
RT: 12.751 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

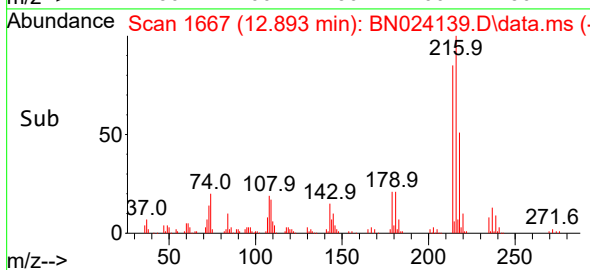
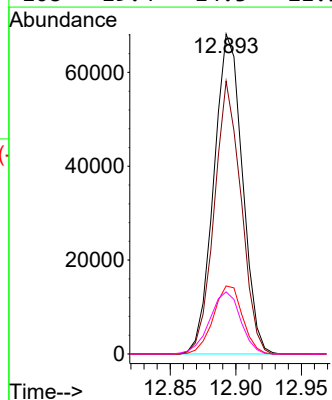
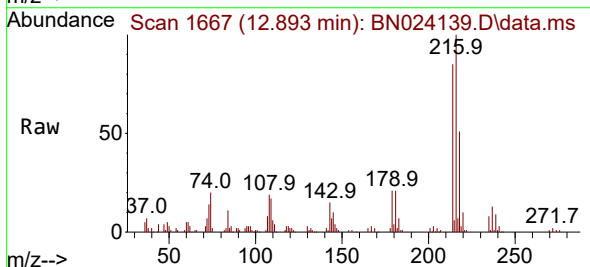
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

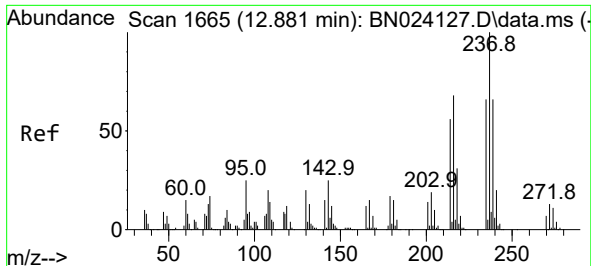
Tgt Ion:142 Resp: 160691
Ion Ratio Lower Upper
142 100
141 92.6 75.5 113.3
116 3.7 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 5.209 ng/ul
RT: 12.893 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion:216 Resp: 103192
Ion Ratio Lower Upper
216 100
214 85.3 60.0 90.0
179 21.2 17.0 25.6
108 19.4 14.3 21.5

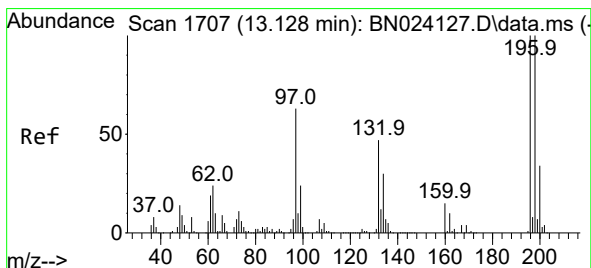
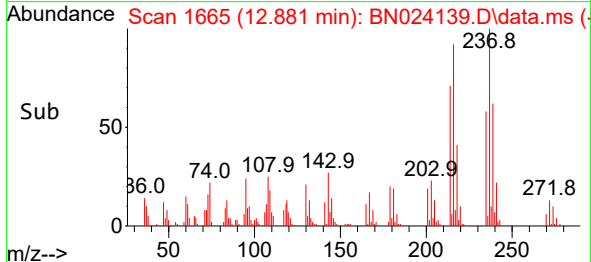
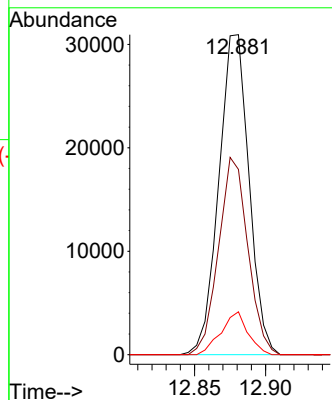
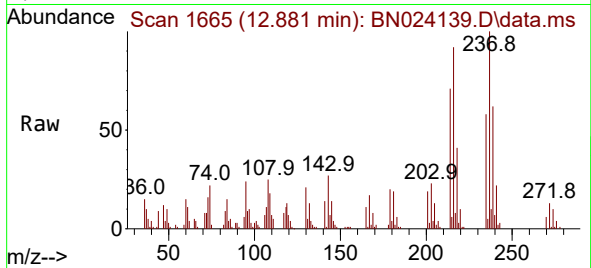




#40
Hexachlorocyclopentadiene
Concen: 4.285 ng/ul
RT: 12.881 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

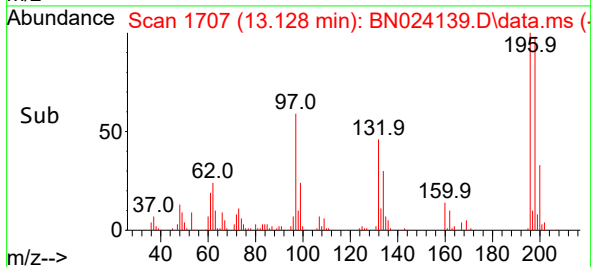
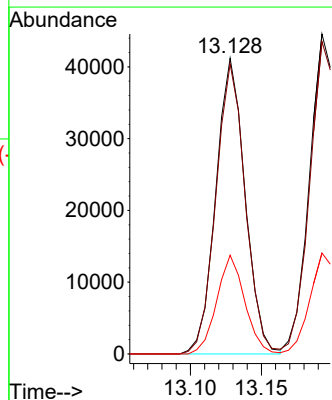
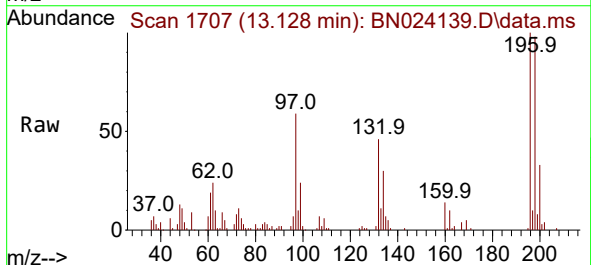
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

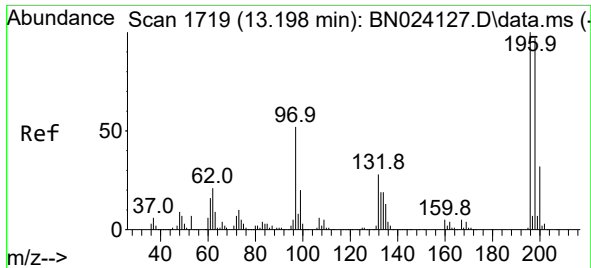
Tgt Ion:237 Resp: 45748
Ion Ratio Lower Upper
237 100
235 57.9 50.1 75.1
272 13.4 11.1 16.7



#41
2,4,6-Trichlorophenol
Concen: 4.548 ng/ul
RT: 13.128 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion:196 Resp: 59025
Ion Ratio Lower Upper
196 100
198 98.1 80.6 121.0
200 33.4 26.1 39.1

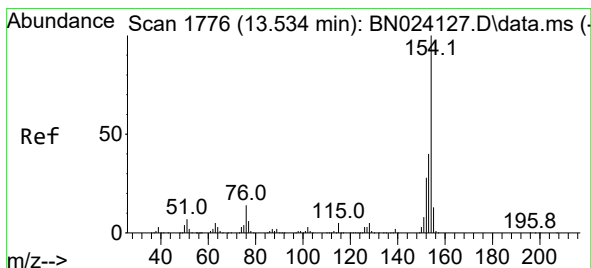
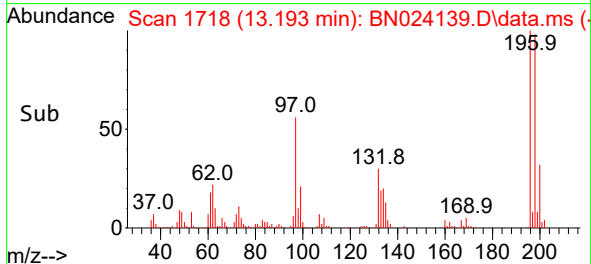
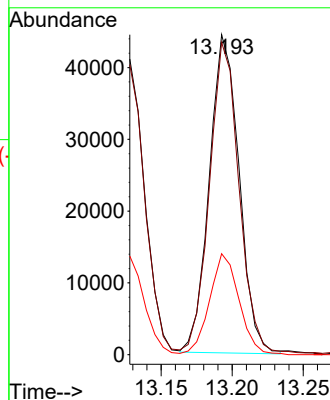
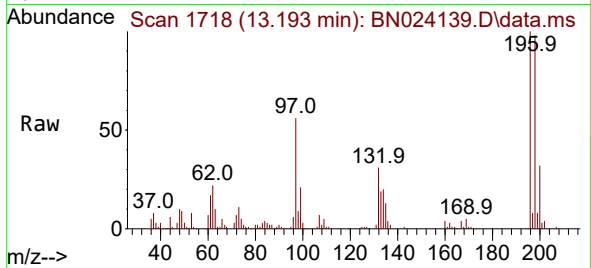




#42
2,4,5-Trichlorophenol
Concen: 4.631 ng/ul
RT: 13.193 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

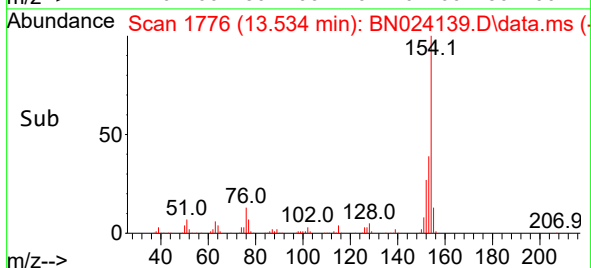
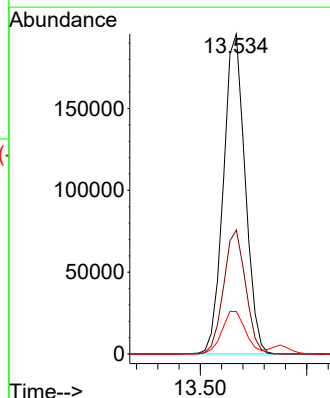
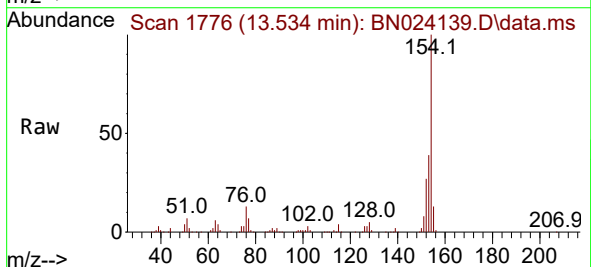
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

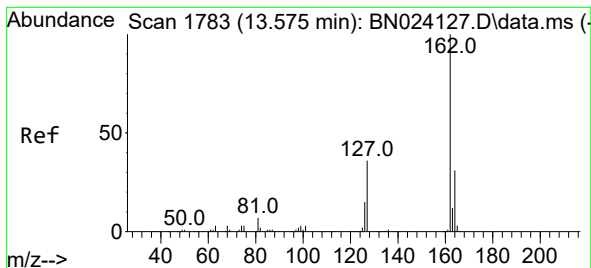
Tgt Ion:196 Resp: 64726
Ion Ratio Lower Upper
196 100
198 97.6 79.7 119.5
200 31.6 26.1 39.1



#43
1,1'-Biphenyl
Concen: 5.271 ng/ul
RT: 13.534 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion:154 Resp: 276419
Ion Ratio Lower Upper
154 100
153 38.7 30.8 46.2
76 13.3 11.1 16.7





#44

2-Chloronaphthalene

Concen: 5.235 ng/ul

RT: 13.575 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

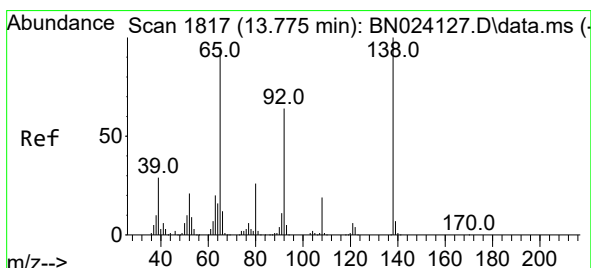
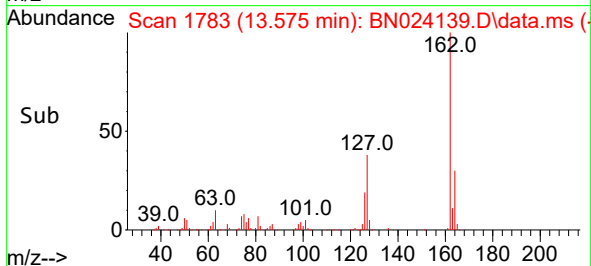
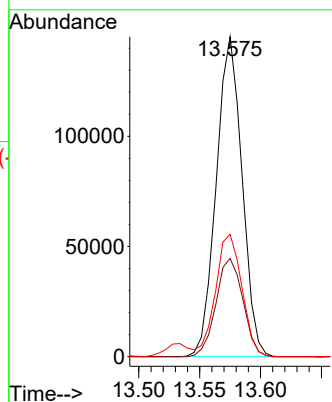
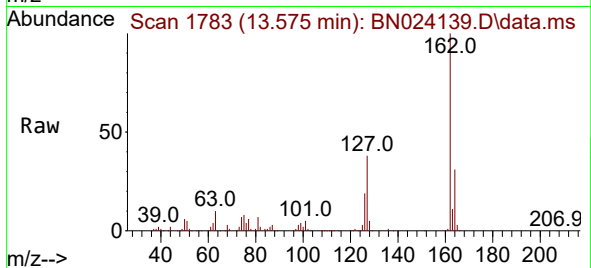
Tgt Ion:162 Resp: 213926

Ion Ratio Lower Upper

162 100

164 30.7 25.8 38.6

127 38.2 30.8 46.2



#45

2-Nitroaniline

Concen: 3.403 ng/ul

RT: 13.775 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

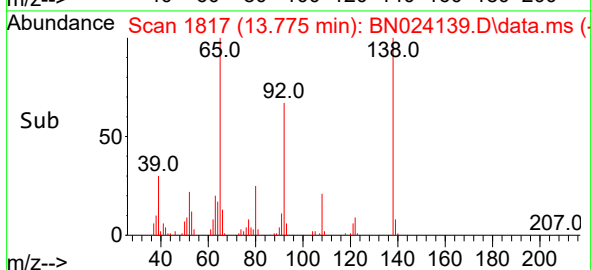
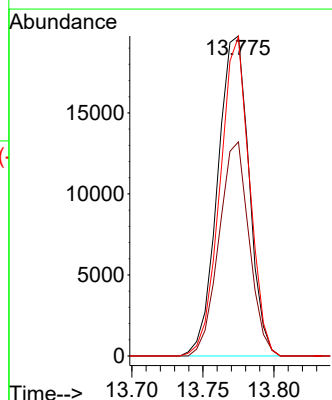
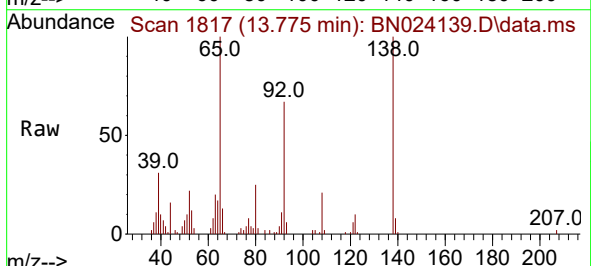
Tgt Ion: 65 Resp: 30295

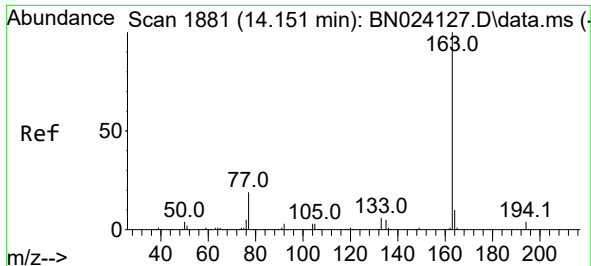
Ion Ratio Lower Upper

65 100

92 66.9 53.8 80.8

138 99.8 84.1 126.1

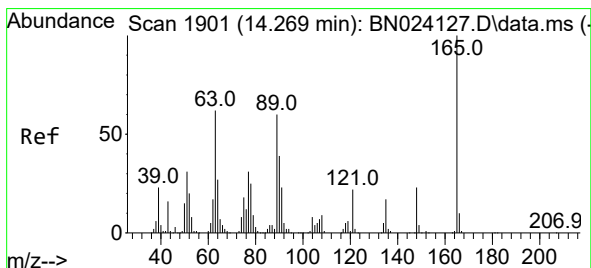
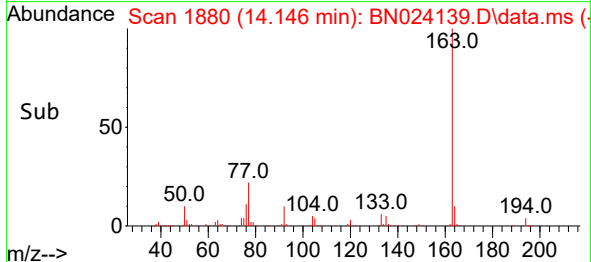
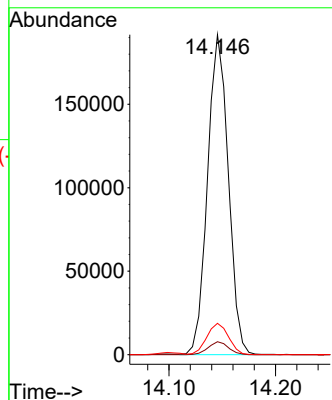
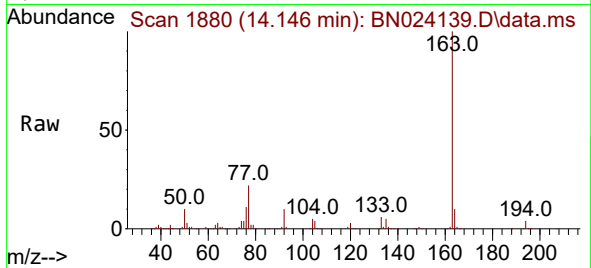




#47
Dimethylphthalate
Concen: 5.071 ng/ul
RT: 14.146 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

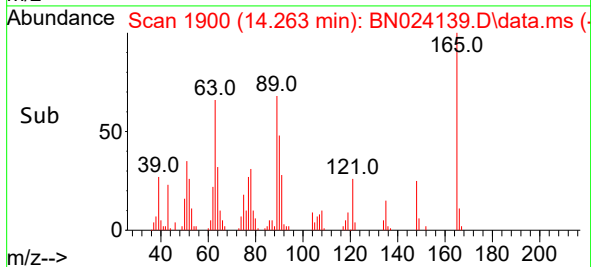
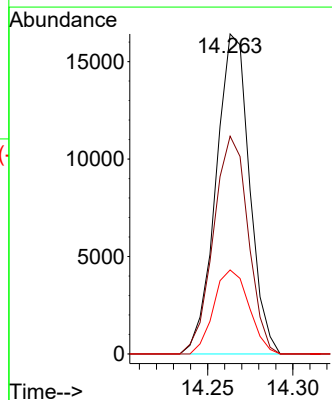
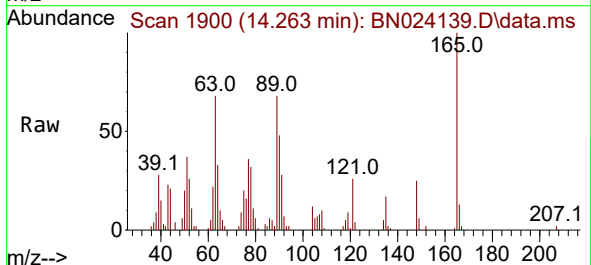
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

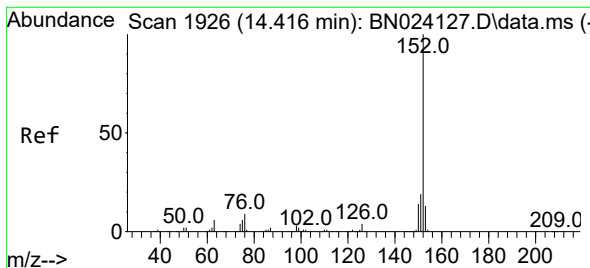
Tgt Ion:163 Resp: 259694
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.8 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 2.977 ng/ul
RT: 14.263 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion:165 Resp: 22443
Ion Ratio Lower Upper
165 100
89 68.0 52.6 78.8
121 26.3 19.4 29.2





#50

Acenaphthylene

Concen: 5.302 ng/ul

RT: 14.416 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

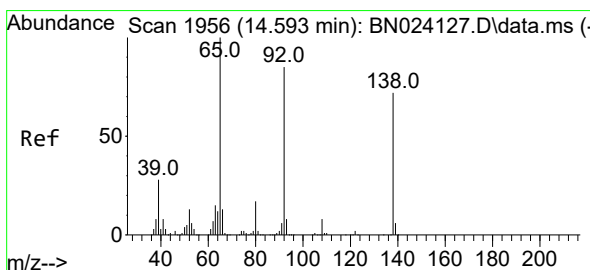
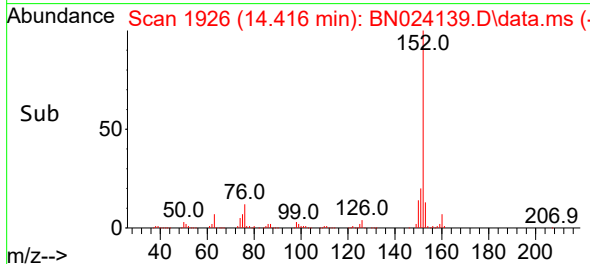
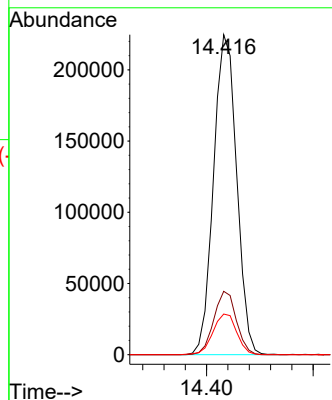
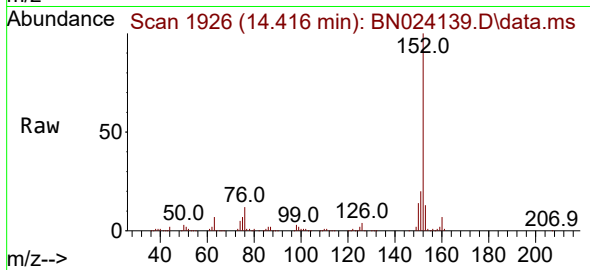
Tgt Ion:152 Resp: 337908

Ion Ratio Lower Upper

152 100

151 19.8 15.6 23.4

153 12.7 10.1 15.1



#51

3-Nitroaniline

Concen: 3.456 ng/ul

RT: 14.593 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

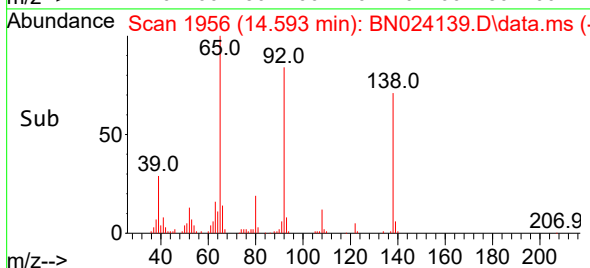
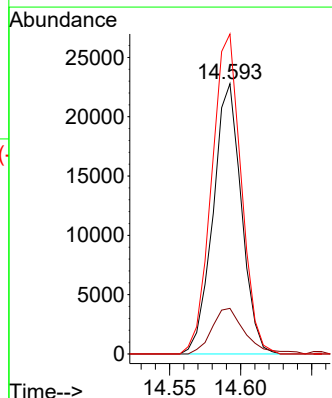
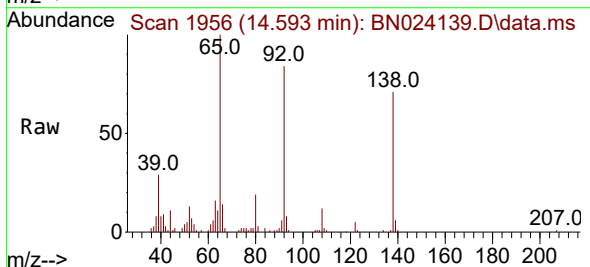
Tgt Ion:138 Resp: 31664

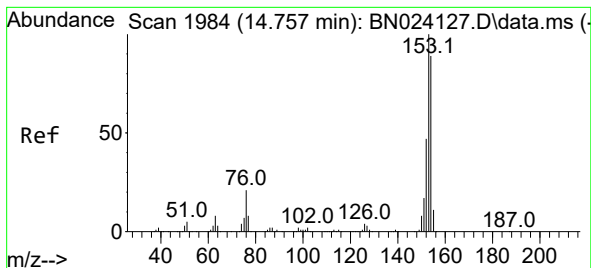
Ion Ratio Lower Upper

138 100

108 16.9 9.6 14.4#

92 118.4 95.3 142.9





#52

Acenaphthene

Concen: 5.264 ng/ul

RT: 14.757 min Scan# 1984

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

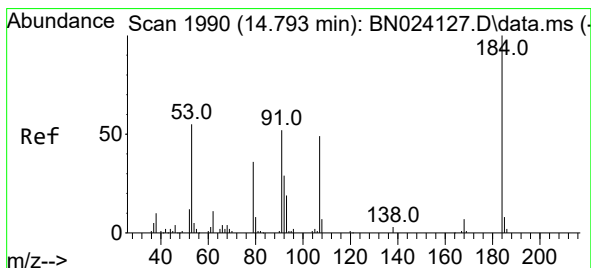
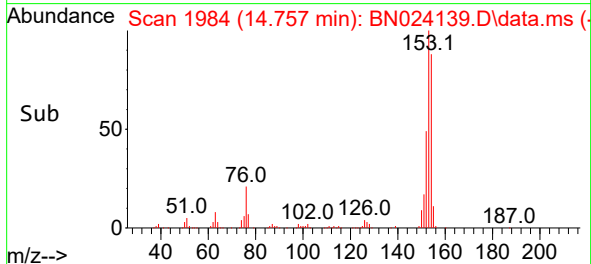
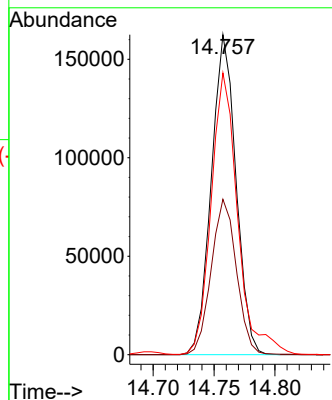
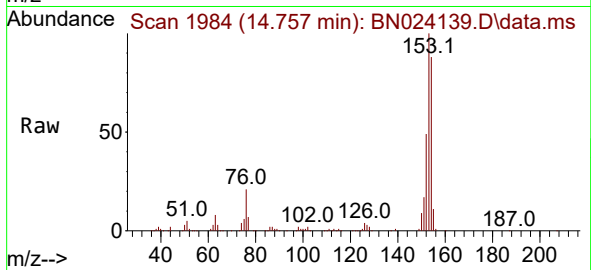
Tgt Ion:153 Resp: 228851

Ion Ratio Lower Upper

153 100

152 48.6 39.7 59.5

154 88.0 70.6 106.0



#53

2,4-Dinitrophenol

Concen: 4.430 ng/ul

RT: 14.793 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

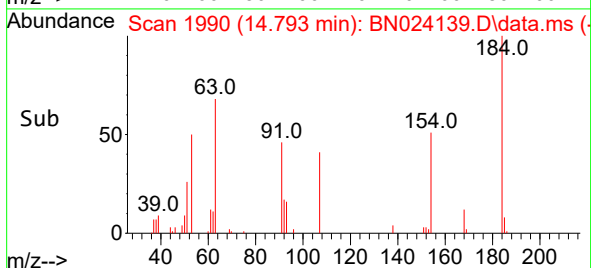
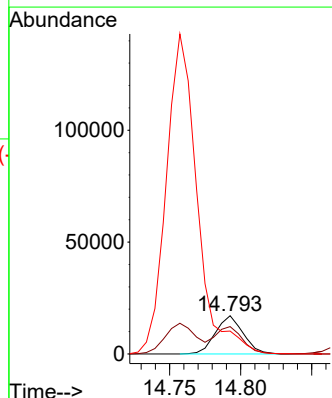
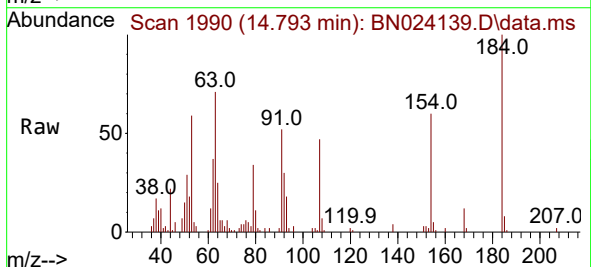
Tgt Ion:184 Resp: 23121

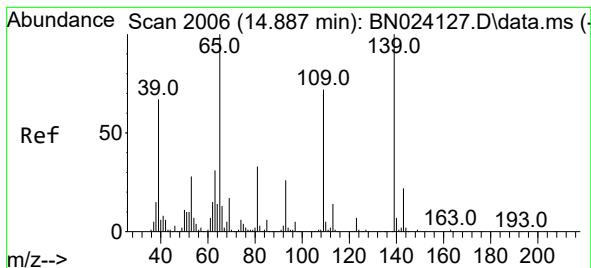
Ion Ratio Lower Upper

184 100

63 71.5 61.6 92.4

154 60.0 50.2 75.4





#55

4-Nitrophenol

Concen: 4.635 ng/ul

RT: 14.881 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

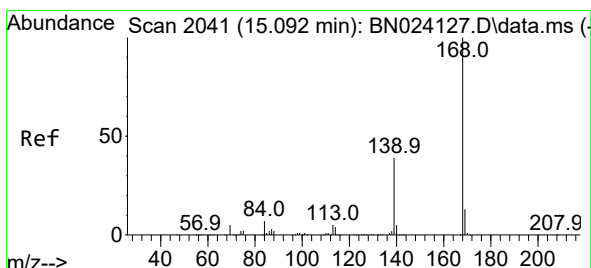
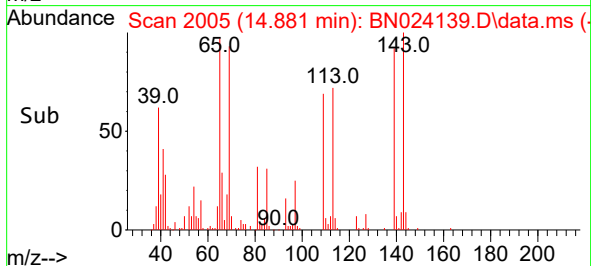
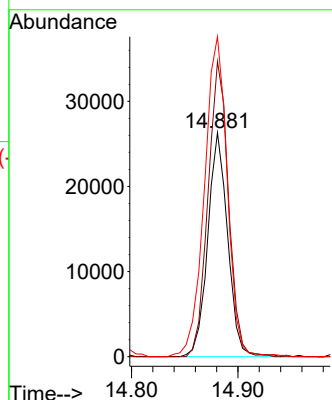
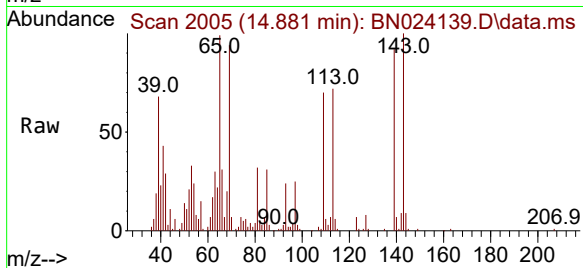
Tgt Ion:109 Resp: 34282

Ion Ratio Lower Upper

109 100

139 131.8 115.0 172.4

65 142.9 115.7 173.5



#56

Dibenzofuran

Concen: 5.187 ng/ul

RT: 15.093 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BN024139.D

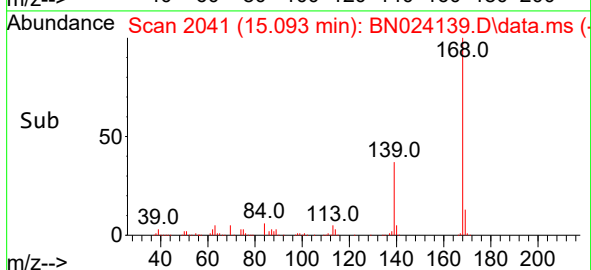
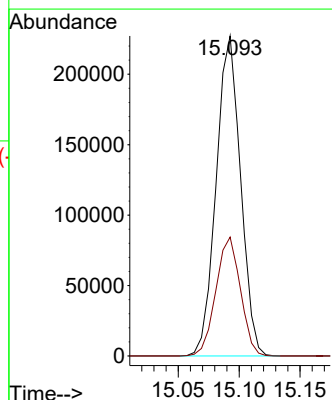
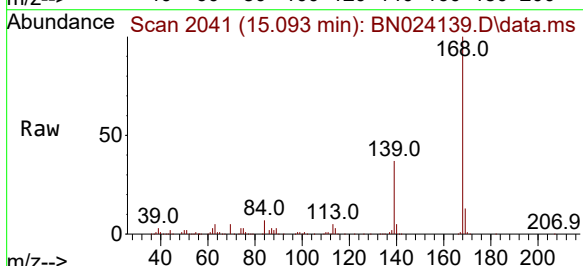
Acq: 07 Mar 2023 11:24

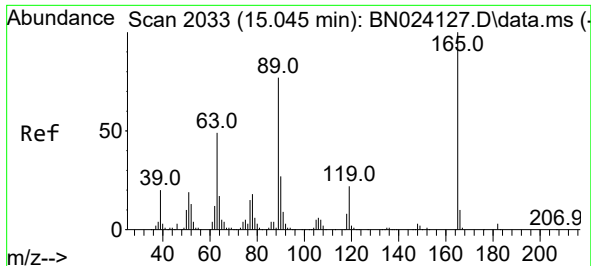
Tgt Ion:168 Resp: 316803

Ion Ratio Lower Upper

168 100

139 37.2 30.7 46.1





#57

2,4-Dinitrotoluene

Concen: 3.661 ng/ul

RT: 15.045 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

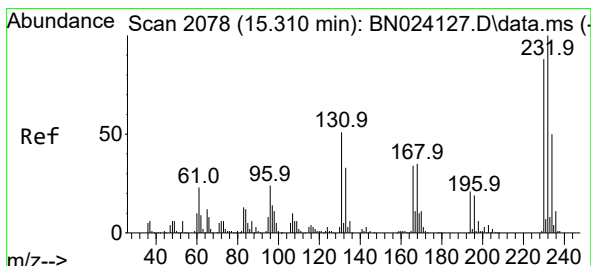
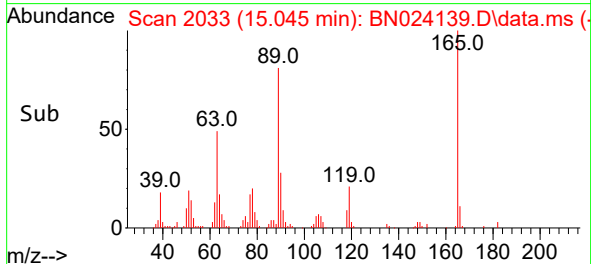
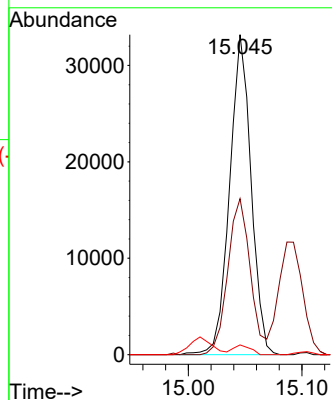
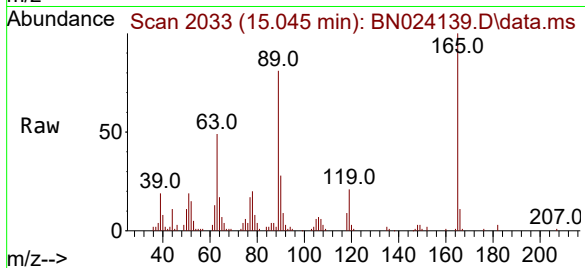
Tgt Ion:165 Resp: 43509

Ion Ratio Lower Upper

165 100

63 48.7 38.5 57.7

182 3.0 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 4.547 ng/ul

RT: 15.310 min Scan# 2078

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Tgt Ion:232 Resp: 54640

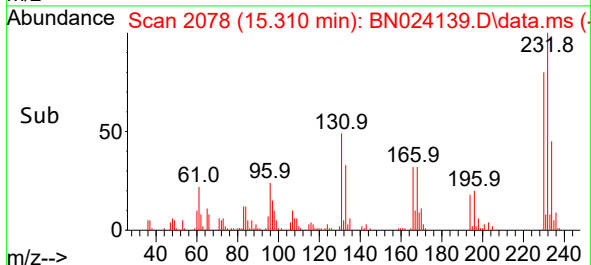
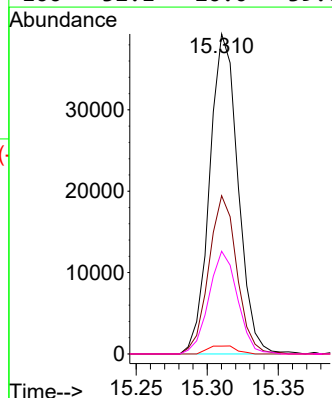
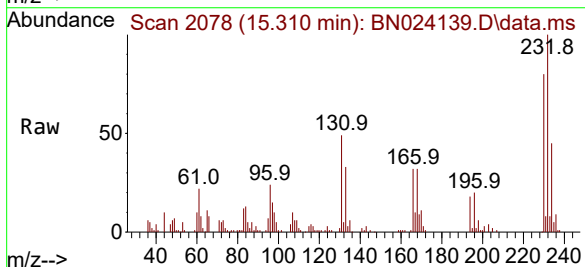
Ion Ratio Lower Upper

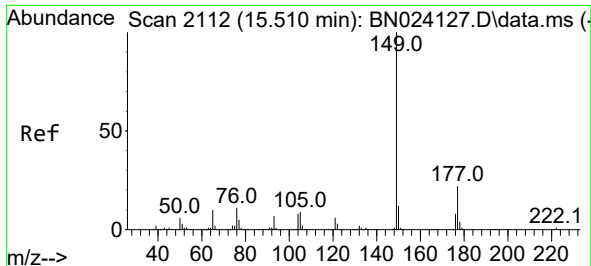
232 100

131 49.4 38.5 57.7

130 2.5 2.0 3.0

166 32.1 26.0 39.0

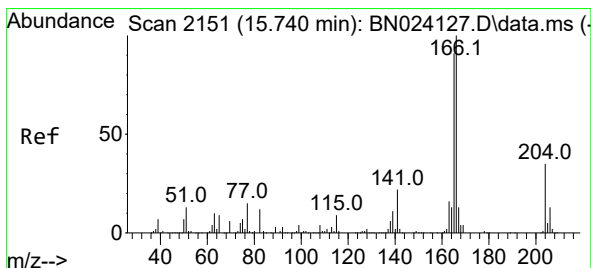
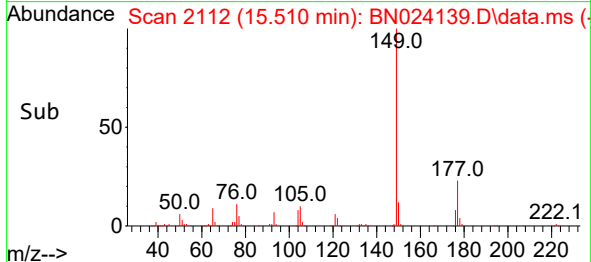
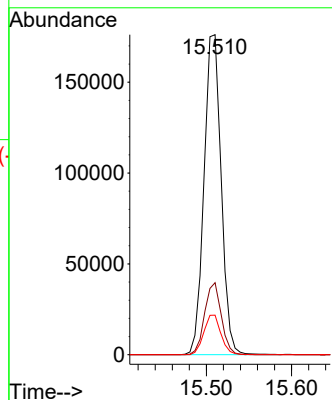
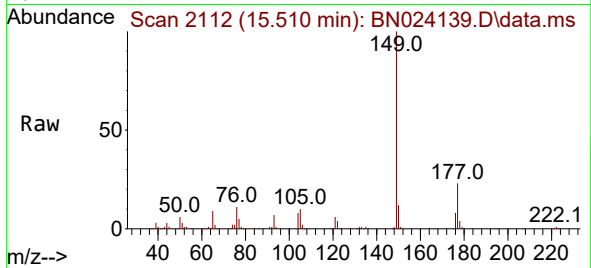




#59
Diethylphthalate
Concen: 4.828 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

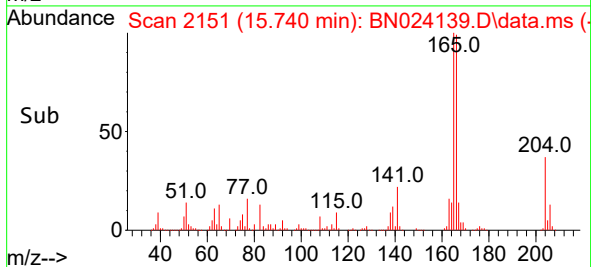
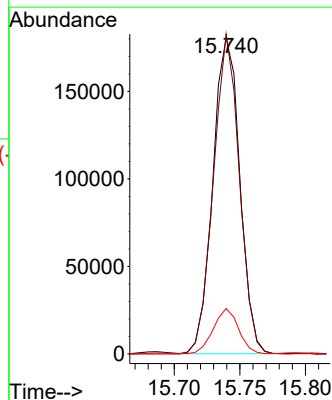
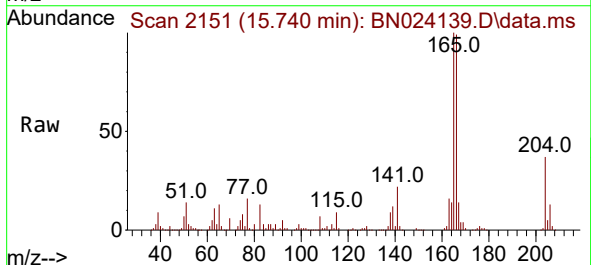
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

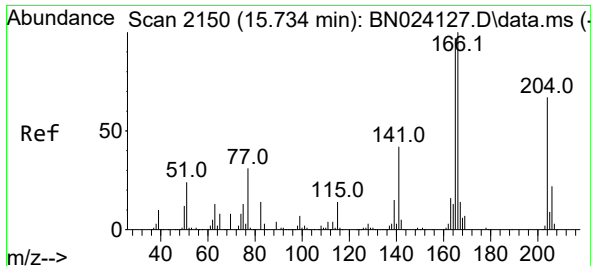
Tgt Ion:149 Resp: 246467
Ion Ratio Lower Upper
149 100
177 22.5 16.9 25.3
150 12.3 9.7 14.5



#61
Fluorene
Concen: 5.392 ng/ul
RT: 15.740 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion:166 Resp: 257994
Ion Ratio Lower Upper
166 100
165 101.3 75.6 113.4
167 14.4 11.2 16.8





#62

4-Chlorophenyl-phenylether

Concen: 5.302 ng/ul

RT: 15.734 min Scan# 2150

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

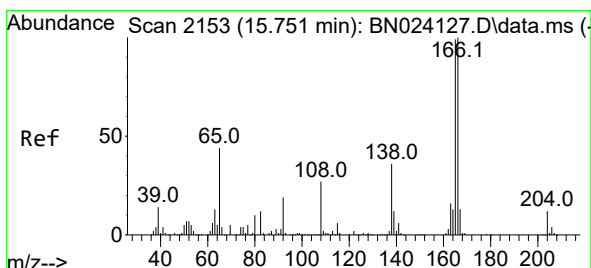
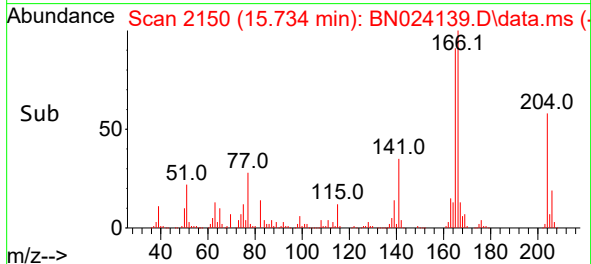
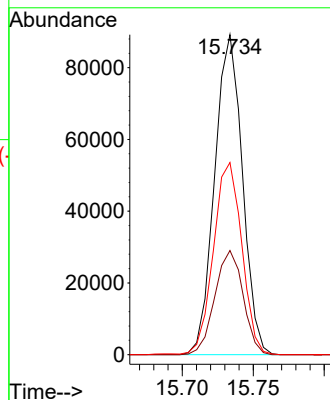
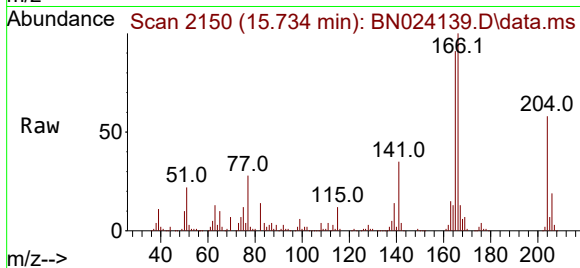
Tgt Ion:204 Resp: 121314

Ion Ratio Lower Upper

204 100

206 32.5 27.1 40.7

141 60.1 47.4 71.0



#63

4-Nitroaniline

Concen: 3.913 ng/ul

RT: 15.745 min Scan# 2152

Delta R.T. -0.006 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

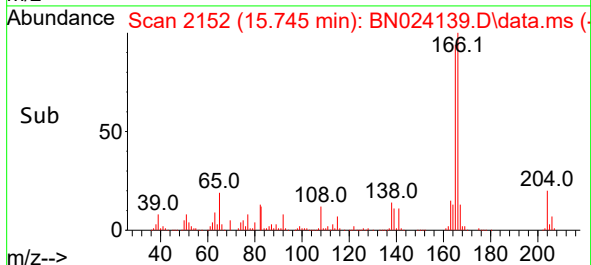
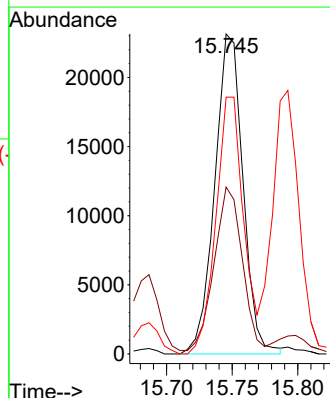
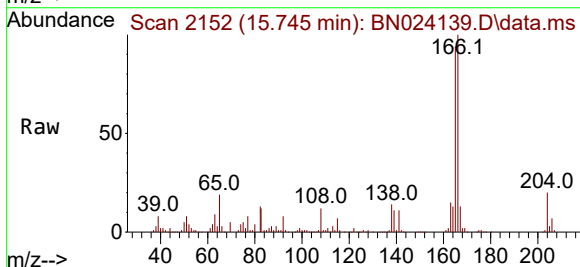
Tgt Ion:138 Resp: 34670

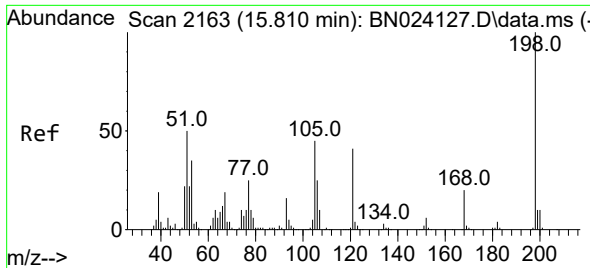
Ion Ratio Lower Upper

138 100

92 52.1 40.0 60.0

108 80.2 60.4 90.6

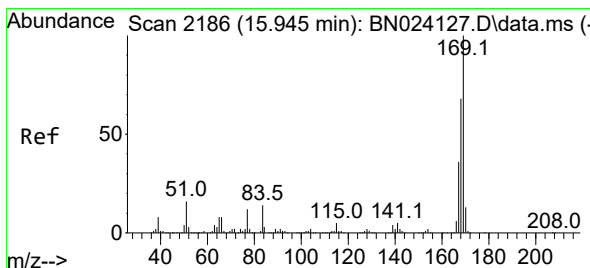
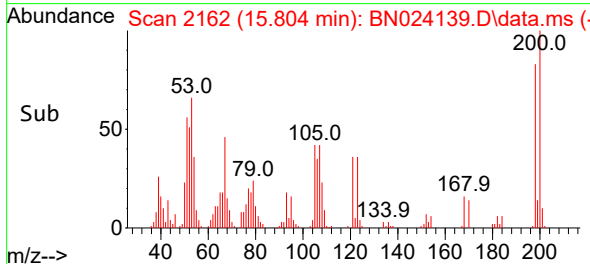
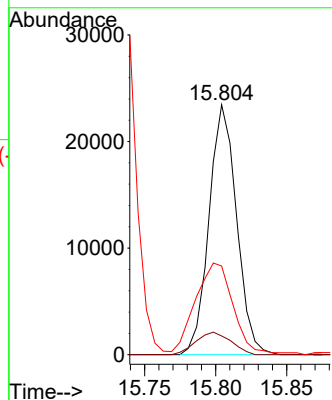
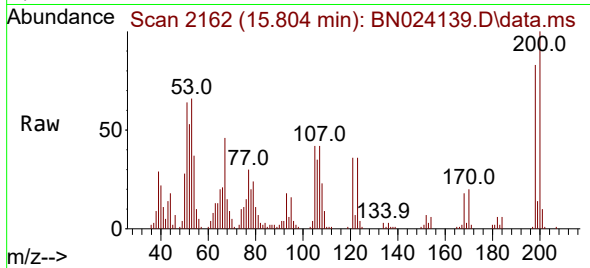




#66
4,6-Dinitro-2-methylphenol
Concen: 4.222 ng/ul
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

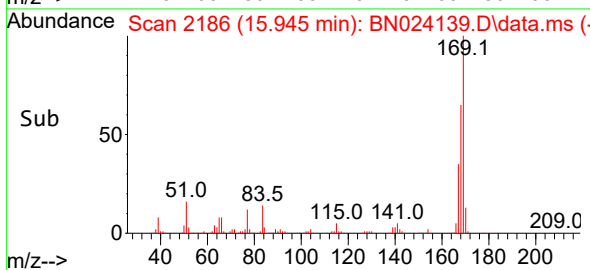
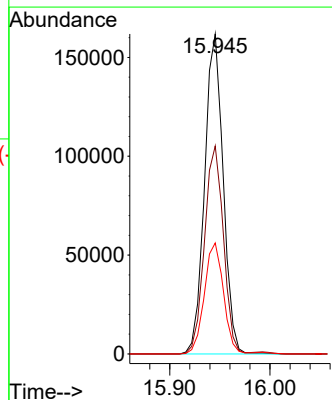
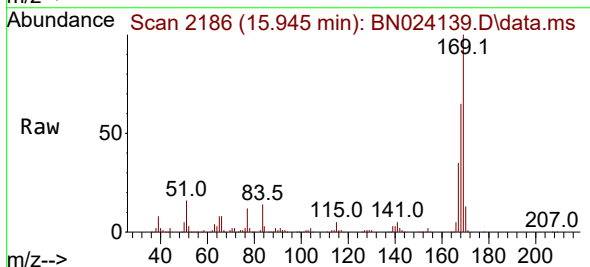
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

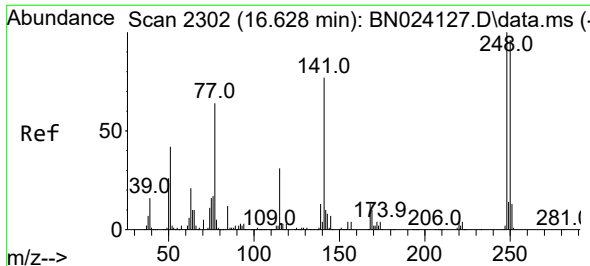
Tgt Ion:198 Resp: 31703
Ion Ratio Lower Upper
198 100
182 7.5 3.4 5.0#
77 35.5 20.4 30.6#



#67
N-Nitrosodiphenylamine
Concen: 5.128 ng/ul
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion:169 Resp: 209212
Ion Ratio Lower Upper
169 100
168 65.0 54.5 81.7
167 34.7 28.3 42.5

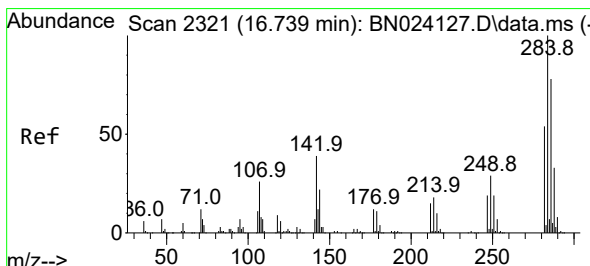
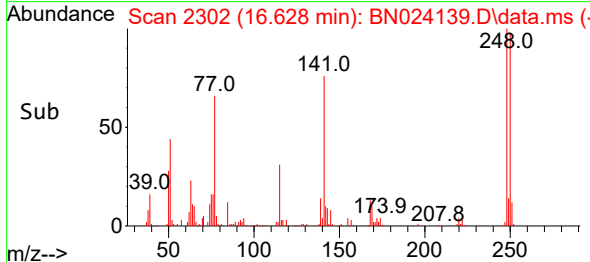
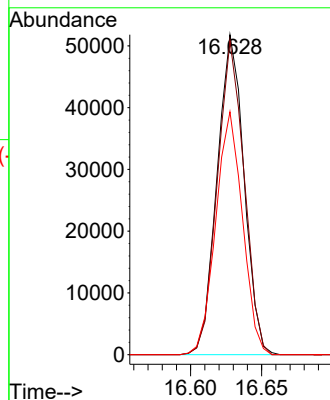
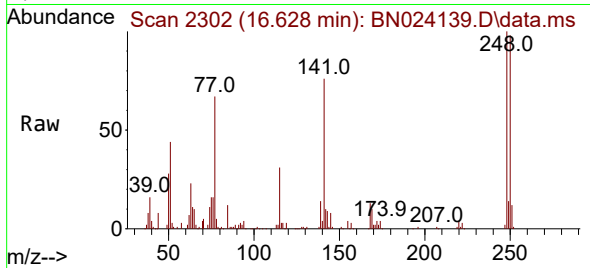




#68
4-Bromophenyl-phenylether
Concen: 4.993 ng/ul
RT: 16.628 min Scan# 2302
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

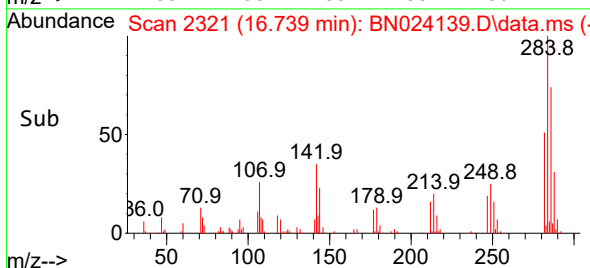
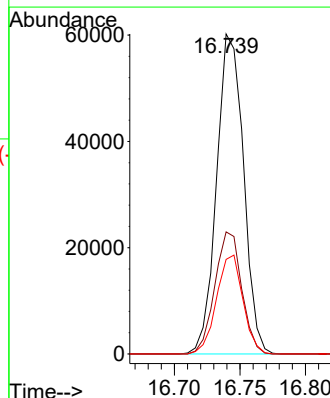
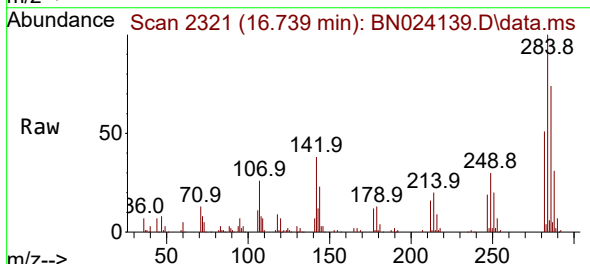
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

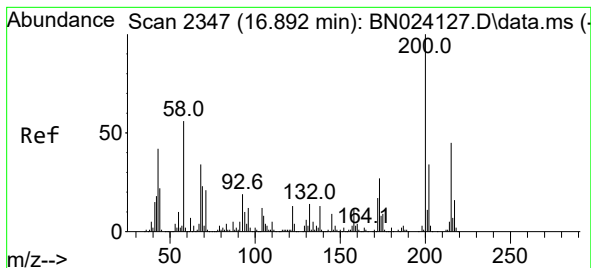
Tgt Ion:248 Resp: 68401
Ion Ratio Lower Upper
248 100
250 98.2 76.6 115.0
141 75.9 61.4 92.0



#69
Hexachlorobenzene
Concen: 5.153 ng/ul
RT: 16.739 min Scan# 2321
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion:284 Resp: 85864
Ion Ratio Lower Upper
284 100
142 38.2 29.0 43.6
249 29.5 25.0 37.6





#70

Atrazine

Concen: 4.098 ng/ul

RT: 16.892 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

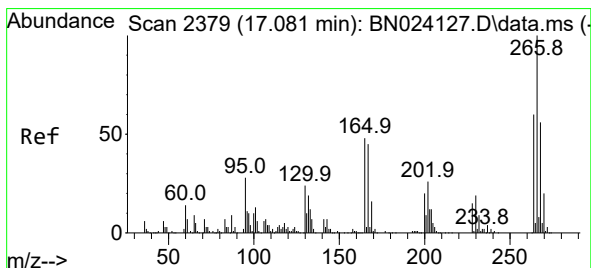
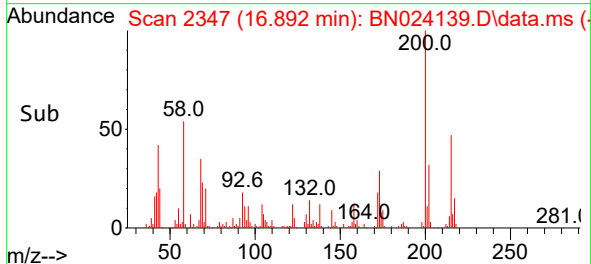
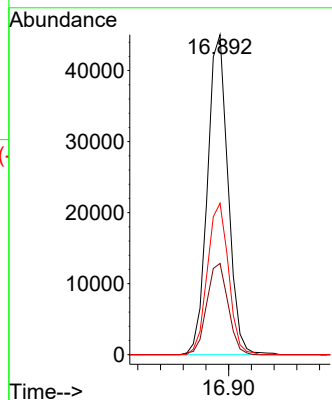
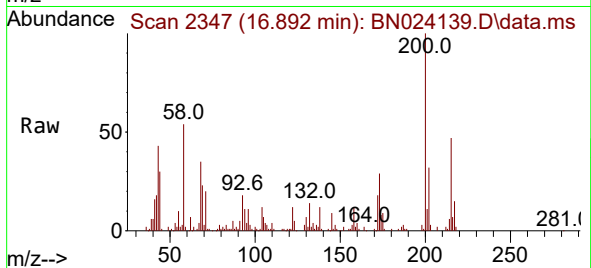
Tgt Ion:200 Resp: 56600

Ion Ratio Lower Upper

200 100

173 28.5 20.7 31.1

215 47.3 38.8 58.2



#71

Pentachlorophenol

Concen: 4.324 ng/ul

RT: 17.081 min Scan# 2379

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

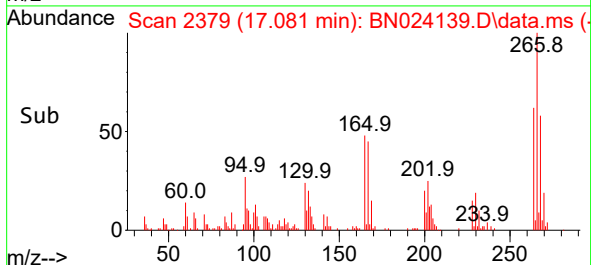
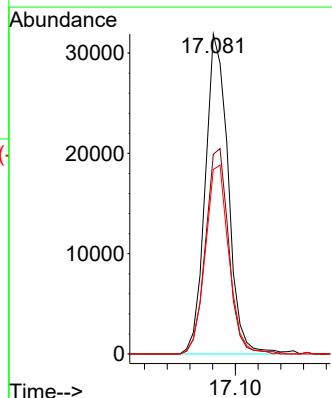
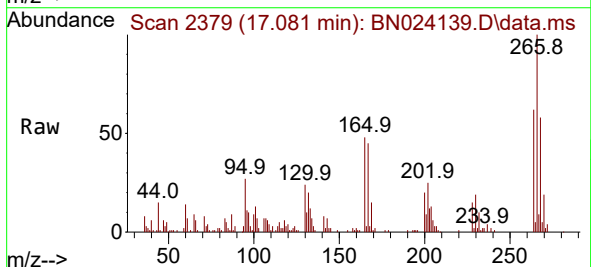
Tgt Ion:266 Resp: 44570

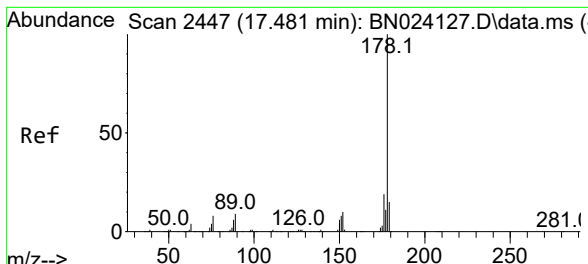
Ion Ratio Lower Upper

266 100

264 62.4 49.5 74.3

268 57.7 51.3 76.9

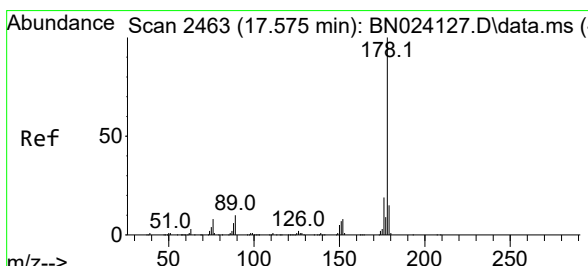
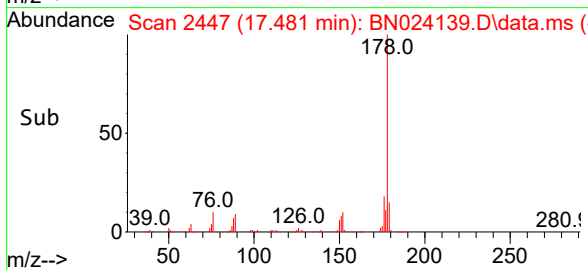
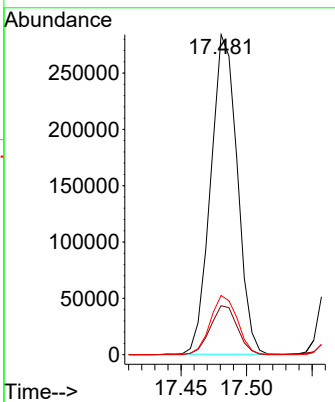
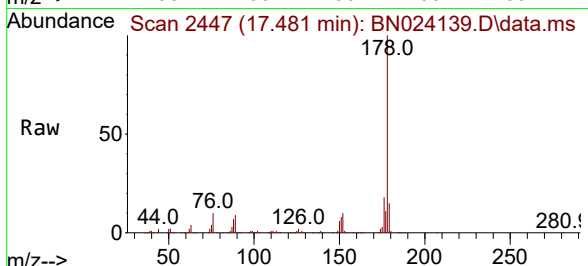




#72
 Phenanthrene
 Concen: 5.232 ng/ul
 RT: 17.481 min Scan# 2447
 Delta R.T. 0.000 min
 Lab File: BN024139.D
 Acq: 07 Mar 2023 11:24

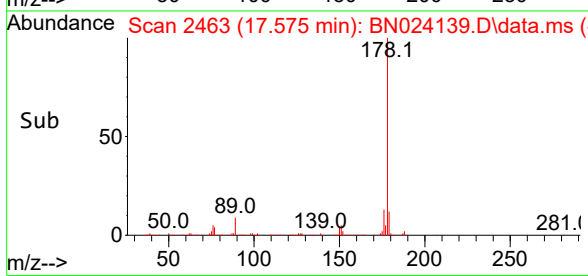
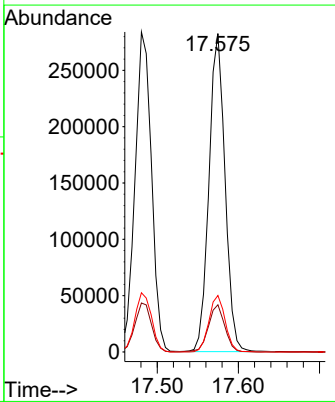
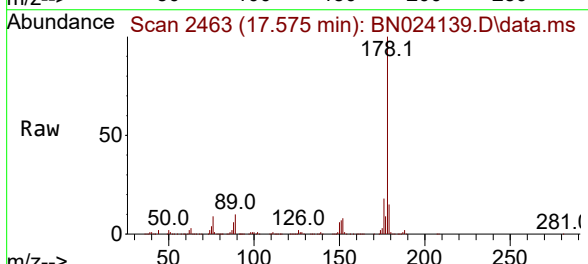
Instrument : BNA_N
 ClientSampleId : MDL-WATER-QT1-2023-02

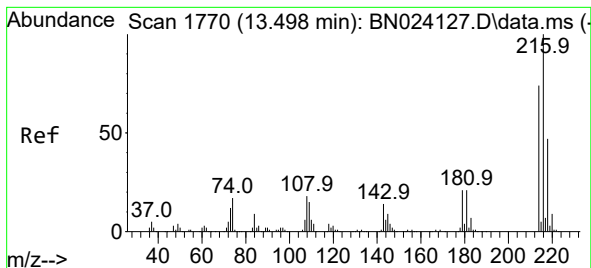
Tgt Ion:	178	Resp:	399329
Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.6	17.4
176	18.5	14.9	22.3



#74
 Anthracene
 Concen: 5.035 ng/ul
 RT: 17.575 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN024139.D
 Acq: 07 Mar 2023 11:24

Tgt Ion:	178	Resp:	387494
Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.9	17.9
176	17.8	14.6	21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.000 ng/uL

RT: 13.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

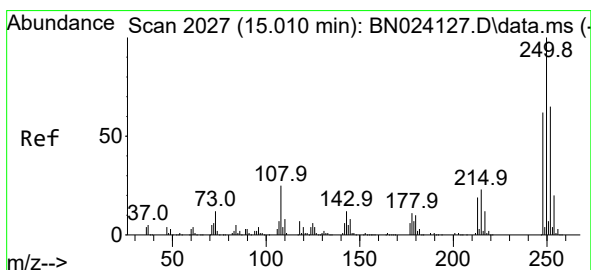
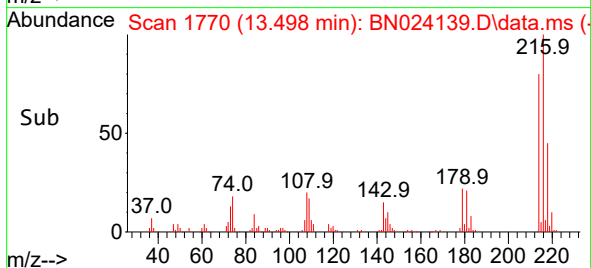
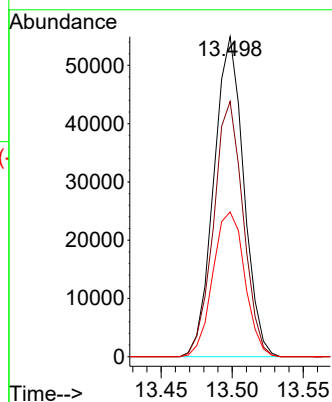
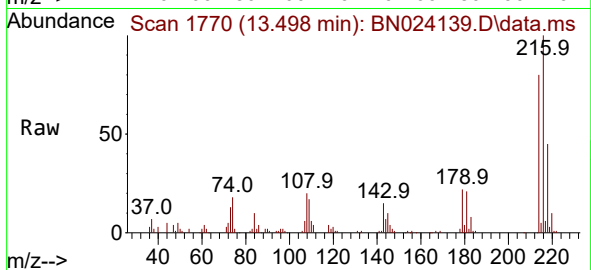
Tgt Ion:216 Resp: 80331

Ion Ratio Lower Upper

216 100

214 79.8 59.6 89.4

218 45.2 37.0 55.4



#76

Pentachlorobenzene

Concen: 3.799 ng/uL

RT: 15.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

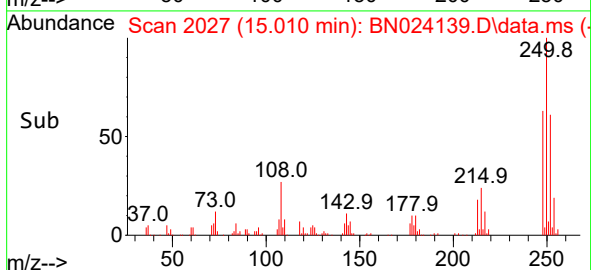
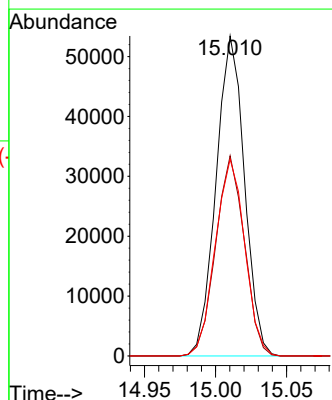
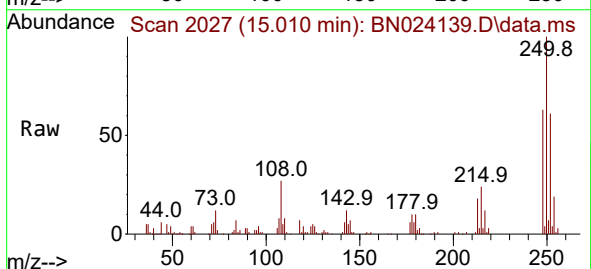
Tgt Ion:250 Resp: 74341

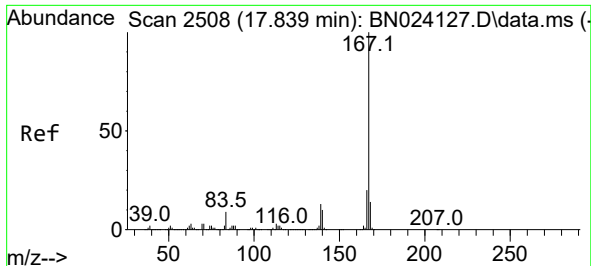
Ion Ratio Lower Upper

250 100

248 62.6 53.0 79.4

252 61.5 54.6 81.8

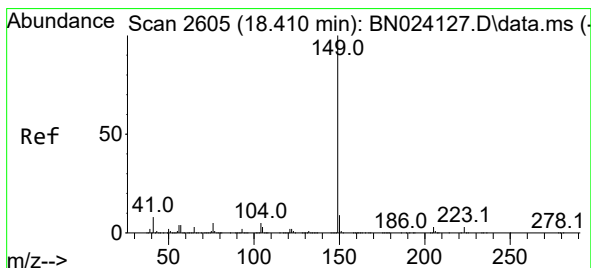
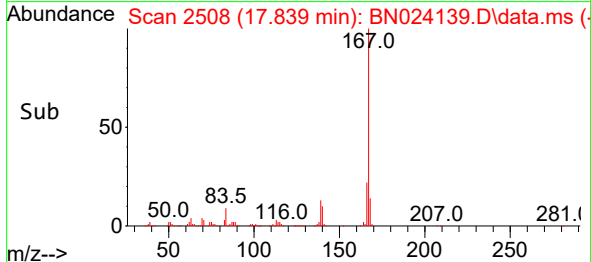
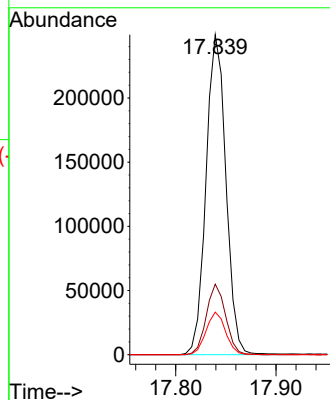
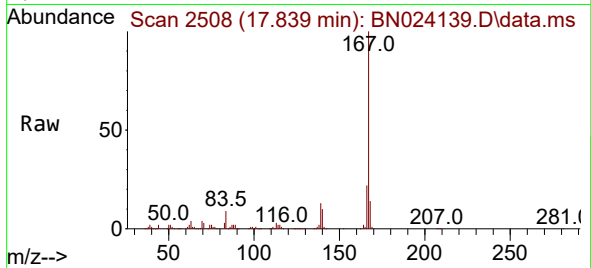




#77
 Carbazole
 Concen: 5.000 ng/ul
 RT: 17.839 min Scan# 2508
 Delta R.T. 0.000 min
 Lab File: BN024139.D
 Acq: 07 Mar 2023 11:24

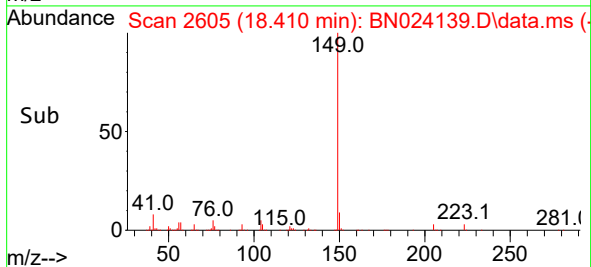
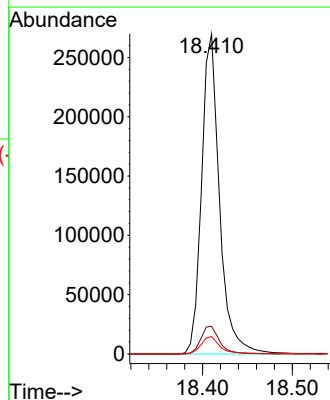
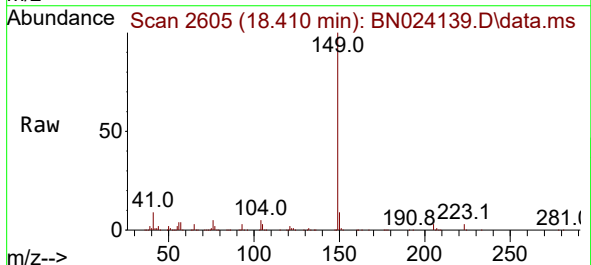
Instrument : BNA_N
 ClientSampleId : MDL-WATER-QT1-2023-02

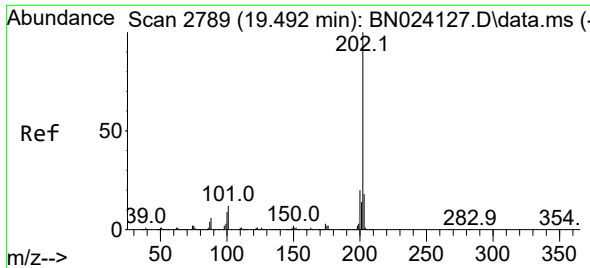
Tgt Ion:167 Resp: 344608
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.3 25.9
 139 13.3 10.5 15.7



#78
 Di-n-butylphthalate
 Concen: 4.556 ng/ul
 RT: 18.410 min Scan# 2605
 Delta R.T. 0.000 min
 Lab File: BN024139.D
 Acq: 07 Mar 2023 11:24

Tgt Ion:149 Resp: 373774
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.0
 104 5.5 4.0 6.0

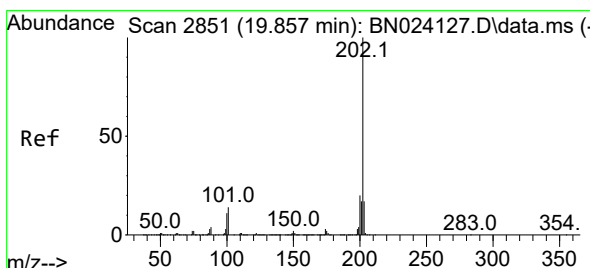
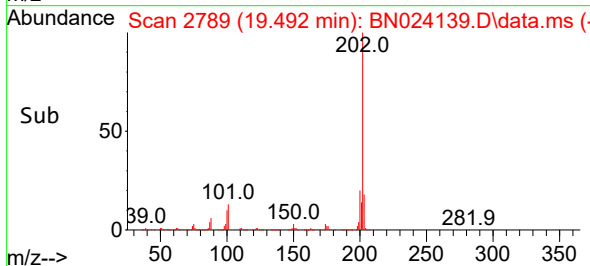
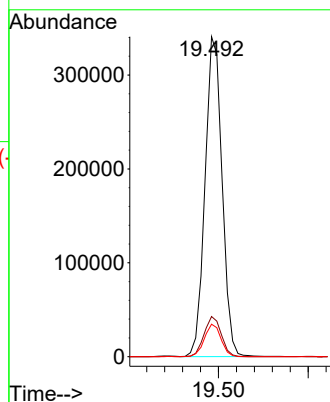
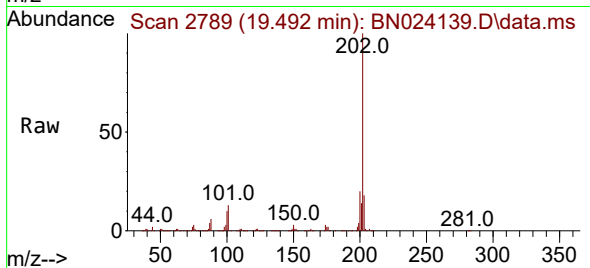




#80
Fluoranthene
Concen: 5.213 ng/ul
RT: 19.492 min Scan# 2789
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

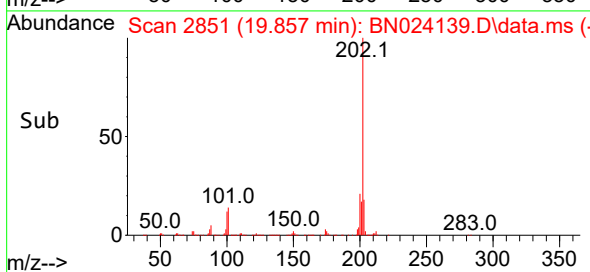
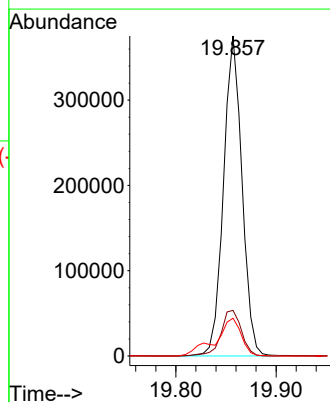
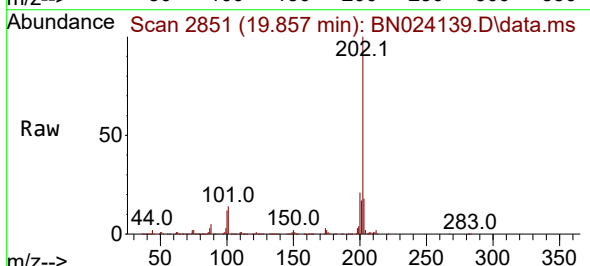
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

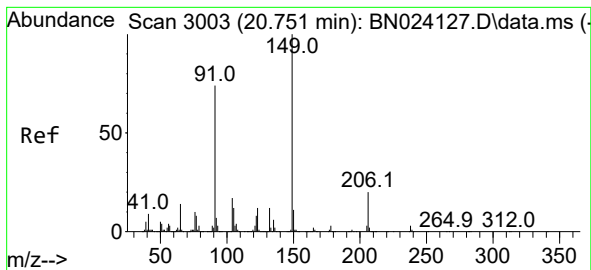
Tgt Ion:202 Resp: 448864
Ion Ratio Lower Upper
202 100
101 12.5 10.0 15.0
100 10.2 7.6 11.4



#82
Pyrene
Concen: 5.271 ng/ul
RT: 19.857 min Scan# 2851
Delta R.T. 0.000 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion:202 Resp: 478819
Ion Ratio Lower Upper
202 100
101 14.2 11.9 17.9
100 11.8 9.9 14.9





#83

Butylbenzylphthalate

Concen: 4.170 ng/ul

RT: 20.757 min Scan# 3004

Delta R.T. 0.006 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

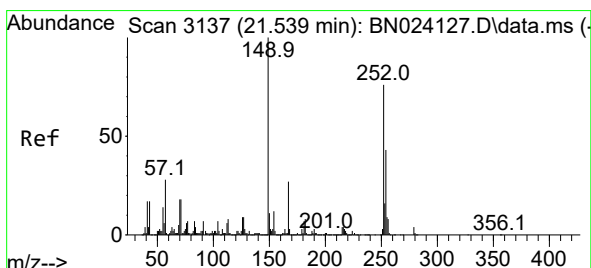
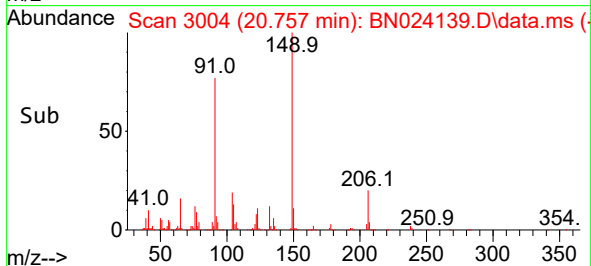
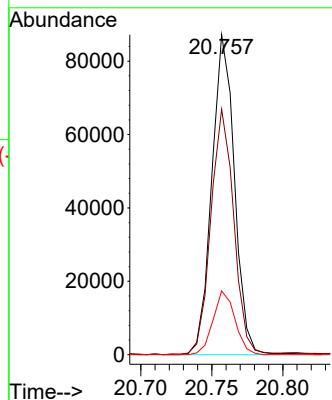
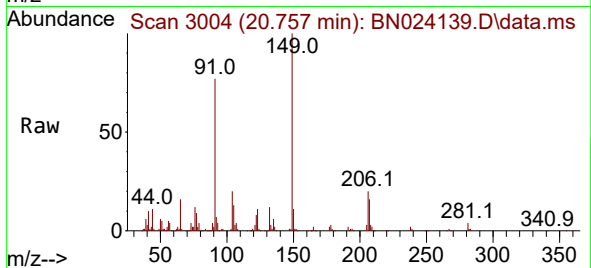
Tgt Ion:149 Resp: 96457

Ion Ratio Lower Upper

149 100

91 76.7 62.2 93.2

206 19.9 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 3.343 ng/ul

RT: 21.545 min Scan# 3138

Delta R.T. 0.006 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

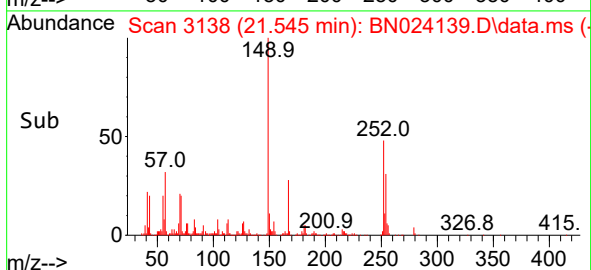
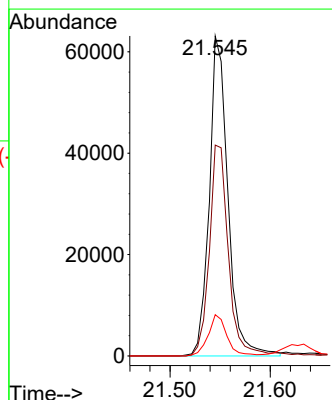
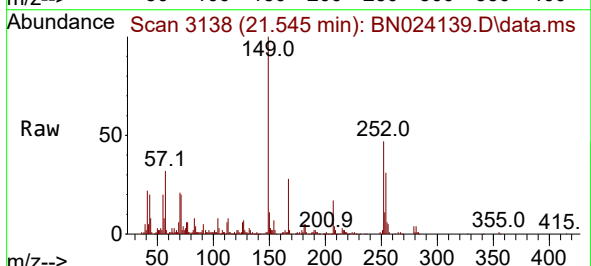
Tgt Ion:252 Resp: 81651

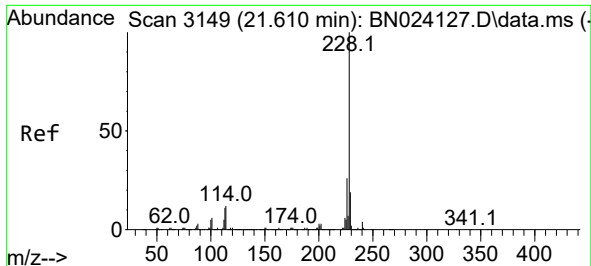
Ion Ratio Lower Upper

252 100

254 65.9 54.6 81.8

126 12.9 11.0 16.6

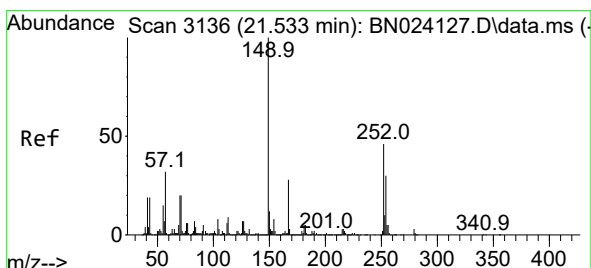
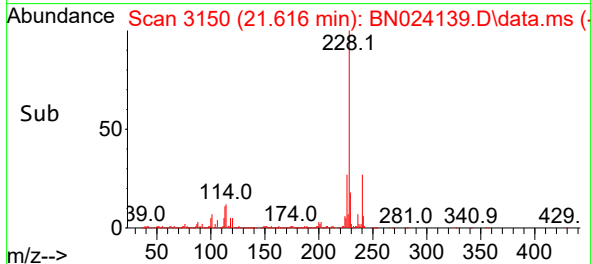
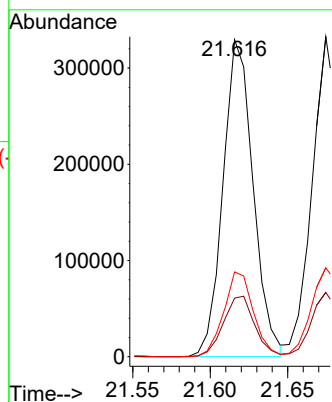
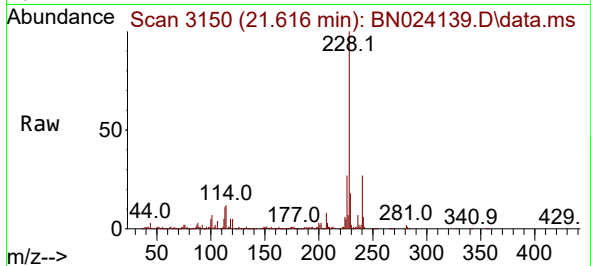




#85
Benzo(a)anthracene
Concen: 5.043 ng/ul
RT: 21.616 min Scan# 3149
Delta R.T. 0.006 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

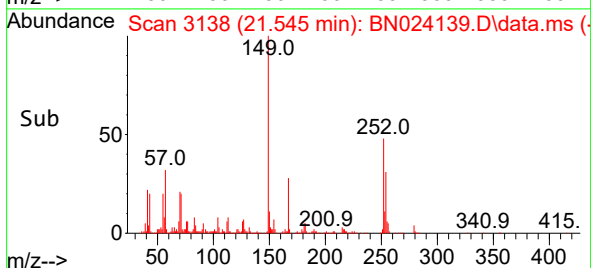
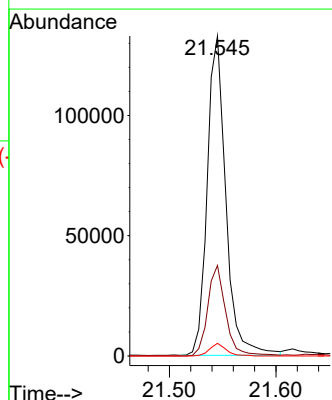
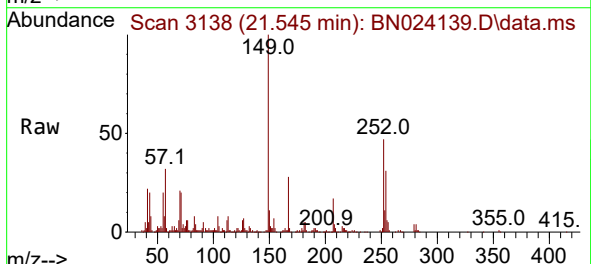
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2023-02

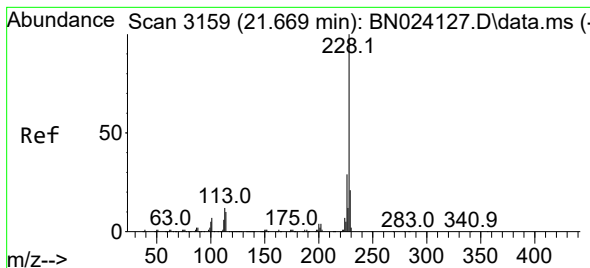
Tgt Ion:228 Resp: 445442
Ion Ratio Lower Upper
228 100
229 18.5 16.3 24.5
226 26.8 22.6 34.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.198 ng/ul
RT: 21.545 min Scan# 3138
Delta R.T. 0.012 min
Lab File: BN024139.D
Acq: 07 Mar 2023 11:24

Tgt Ion:149 Resp: 161141
Ion Ratio Lower Upper
149 100
167 28.3 21.6 32.4
279 4.0 3.4 5.2





#87

Chrysene

Concen: 5.181 ng/ul

RT: 21.675 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

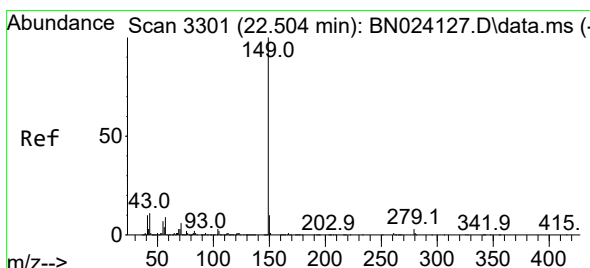
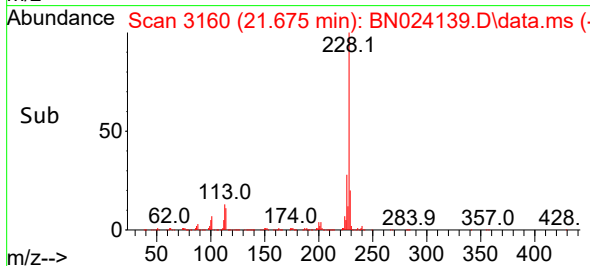
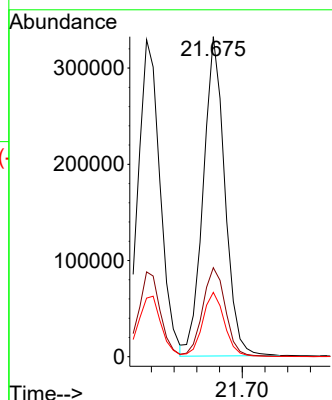
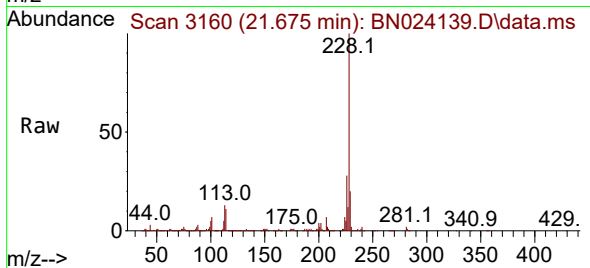
Tgt Ion:228 Resp: 438013

Ion Ratio Lower Upper

228 100

226 27.8 25.8 38.6

229 20.1 17.5 26.3



#89

Di-n-octyl phthalate

Concen: 3.527 ng/ul

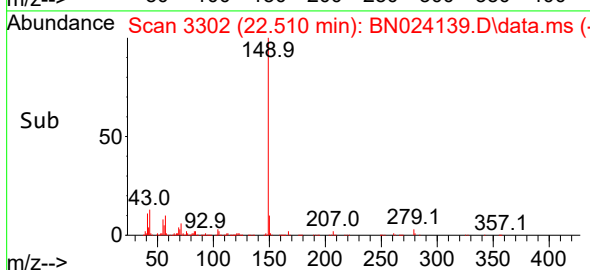
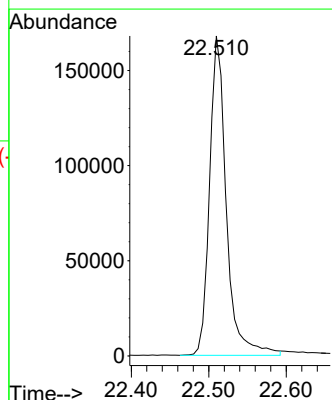
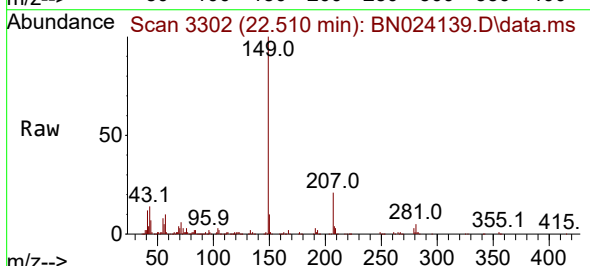
RT: 22.510 min Scan# 3302

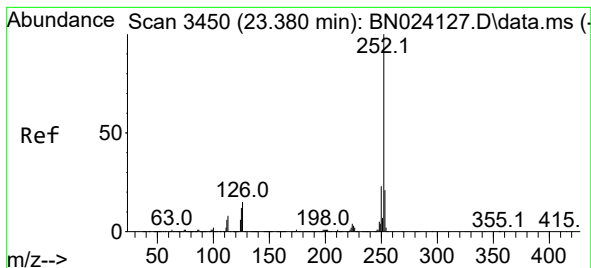
Delta R.T. 0.006 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Tgt Ion:149 Resp: 251642





#90

Benzo(b)fluoranthene

Concen: 4.895 ng/ul

RT: 23.386 min Scan# 34

Delta R.T. 0.006 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

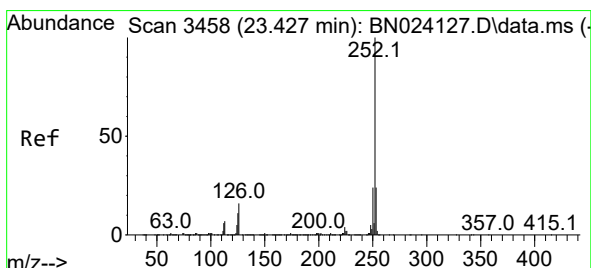
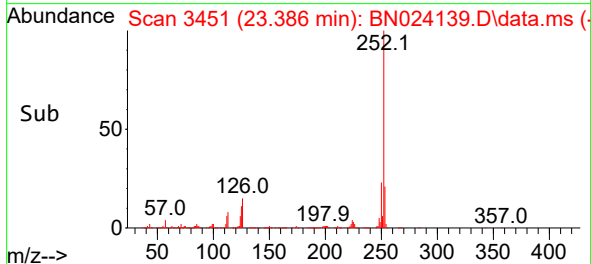
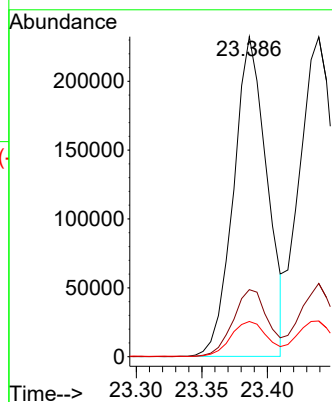
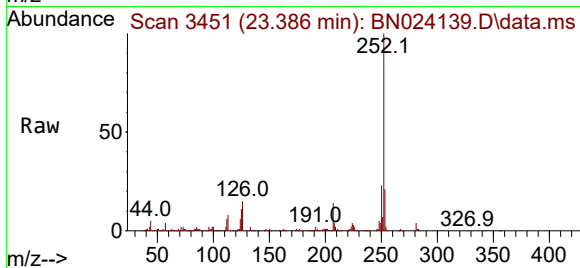
Tgt Ion:252 Resp: 411175

Ion Ratio Lower Upper

252 100

253 20.9 18.3 27.5

125 11.0 9.5 14.3



#91

Benzo(k)fluoranthene

Concen: 5.405 ng/ul

RT: 23.439 min Scan# 3460

Delta R.T. 0.012 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

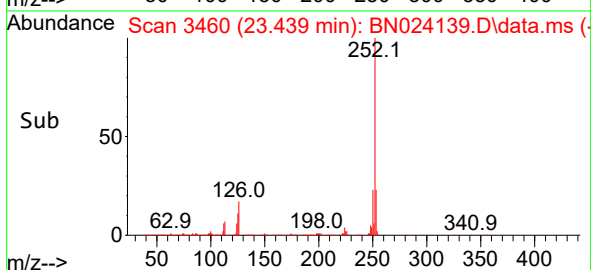
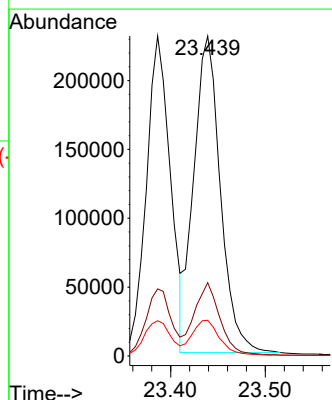
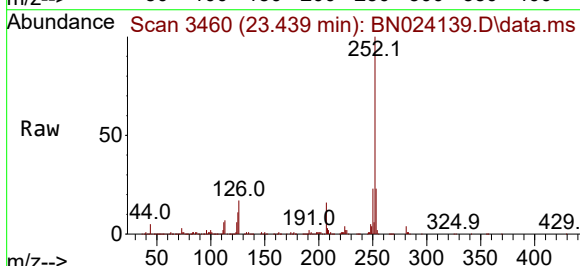
Tgt Ion:252 Resp: 449034

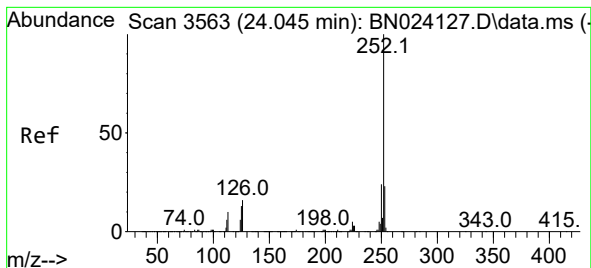
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 11.2 9.0 13.6





#93

Benzo(a)pyrene

Concen: 5.215 ng/ul

RT: 24.045 min Scan# 3563

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

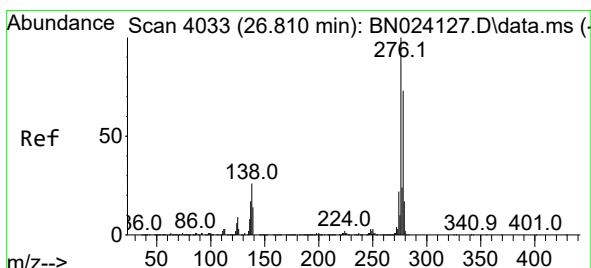
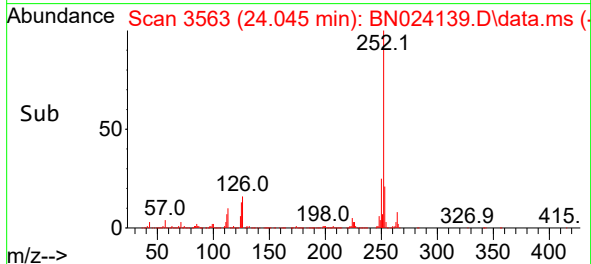
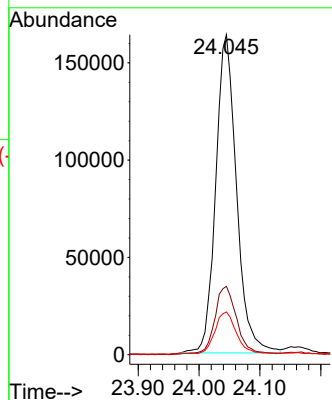
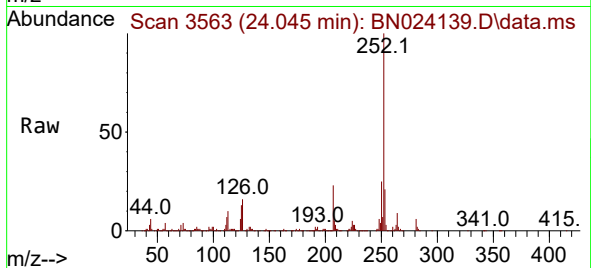
Tgt Ion:252 Resp: 387928

Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.4

125 13.4 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.653 ng/ul

RT: 26.810 min Scan# 4033

Delta R.T. 0.000 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

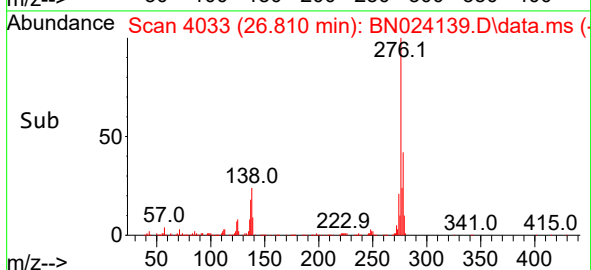
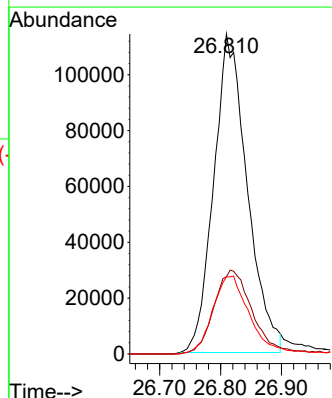
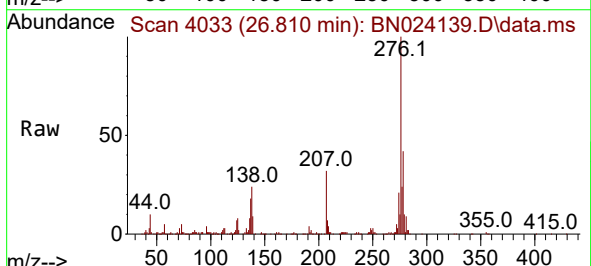
Tgt Ion:276 Resp: 435928

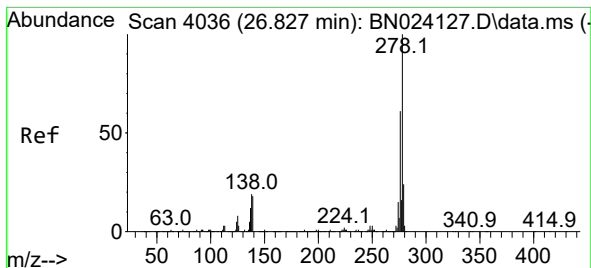
Ion Ratio Lower Upper

276 100

138 24.1 19.6 29.4

277 24.1 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 2.606 ng/ul

RT: 26.833 min Scan# 4036

Delta R.T. 0.006 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-QT1-2023-02

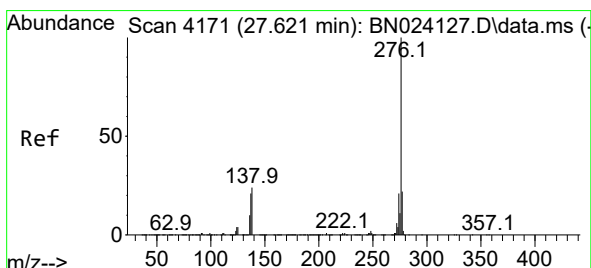
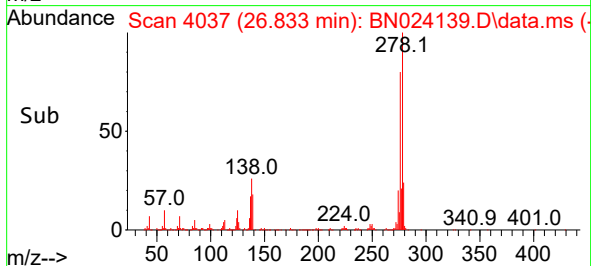
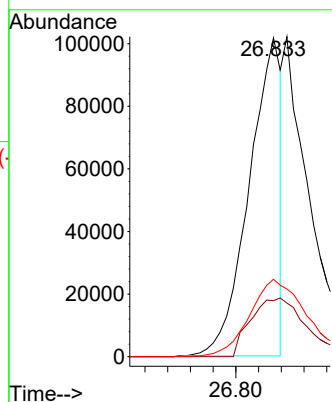
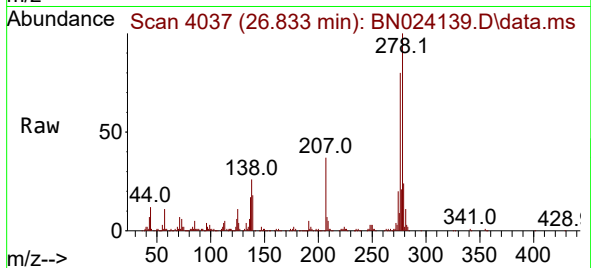
Tgt Ion:278 Resp: 198766

Ion Ratio Lower Upper

278 100

139 17.6 14.4 21.6

279 24.3 18.2 27.2



#96

Benzo(g,h,i)perylene

Concen: 4.672 ng/ul

RT: 27.633 min Scan# 4173

Delta R.T. 0.012 min

Lab File: BN024139.D

Acq: 07 Mar 2023 11:24

Tgt Ion:276 Resp: 361078

Ion Ratio Lower Upper

276 100

138 24.4 18.8 28.2

277 21.2 18.6 27.8

