

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019545.D
 Acq On : 03 Feb 2024 01:15
 Operator : MA/JU
 Sample : 04699-07
 Misc : LOD-MDL-WATER 8PPM
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Quant Time: Feb 03 03:20:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	49429	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	210466	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	152387	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	378871	20.000	ng	0.00
76) Chrysene-d12	21.386	240	361722	20.000	ng	0.00
86) Perylene-d12	23.804	264	326889	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	608528	198.446	ng	0.00
7) Phenol-d6	7.081	99	847421	204.953	ng	0.00
23) Nitrobenzene-d5	9.081	82	568600	117.065	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	547769	246.193	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1392427	112.960	ng	0.00
79) Terphenyl-d14	19.869	244	2848581	129.509	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	14519	12.289	ng	98
3) Pyridine	3.787	79	35137	10.970	ng	98
4) n-Nitrosodimethylamine	3.705	42	16682	11.962	ng	89
6) Aniline	7.246	93	57726	14.368	ng	99
8) 2-Chlorophenol	7.469	128	36997	11.752	ng	97
9) Benzaldehyde	7.058	77	41118	14.184	ng	97
10) Phenol	7.105	94	49329	11.970	ng	96
11) bis(2-Chloroethyl)ether	7.346	93	38165	11.904	ng	97
12) 1,3-Dichlorobenzene	7.793	146	44270	11.492	ng	98
13) 1,4-Dichlorobenzene	7.946	146	45336	11.616	ng	99
14) 1,2-Dichlorobenzene	8.258	146	44097	11.678	ng	99
15) Benzyl Alcohol	8.152	79	44046	13.332	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.452	45	39240	12.239	ng	98
17) 2-Methylphenol	8.352	107	33567	12.099	ng	94
18) Hexachloroethane	8.981	117	16670	11.019	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	37189	13.168	ng	# 96
20) 3+4-Methylphenols	8.681	107	47041	12.424	ng	96
22) Acetophenone	8.740	105	70850	11.817	ng	# 98
24) Nitrobenzene	9.122	77	56415	11.536	ng	99
25) Isophorone	9.640	82	101003	11.940	ng	99
26) 2-Nitrophenol	9.834	139	19067	10.225	ng	# 87
27) 2,4-Dimethylphenol	9.887	122	33657	14.116	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	54763	11.442	ng	94
29) 2,4-Dichlorophenol	10.358	162	40512	11.240	ng	96
30) 1,2,4-Trichlorobenzene	10.569	180	48467	10.967	ng	98
31) Naphthalene	10.758	128	127620	11.056	ng	99
32) Benzoic acid	9.963	122	21086	9.077	ng	87
33) 4-Chloroaniline	10.881	127	54783	12.833	ng	99
34) Hexachlorobutadiene	11.034	225	34498	10.534	ng	96
35) Caprolactam	11.652	113	14470	14.181	ng	95
36) 4-Chloro-3-methylphenol	11.993	107	47709	12.139	ng	95
37) 2-Methylnaphthalene	12.369	142	93855	11.749	ng	98
38) 1-Methylnaphthalene	12.587	142	94458	12.032	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	62790	10.684	ng	99
41) Hexachlorocyclopentadiene	12.704	237	32575	12.270	ng	99
43) 2,4,6-Trichlorophenol	12.975	196	38460	10.807	ng	97

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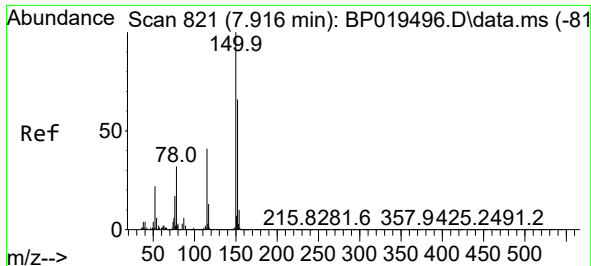
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	43063	11.020	ng	96
46) 1,1'-Biphenyl	13.381	154	134978	11.098	ng	97
47) 2-Chloronaphthalene	13.422	162	106211	10.638	ng	97
48) 2-Nitroaniline	13.634	65	31397	11.246	ng	97
49) Acenaphthylene	14.263	152	175998	12.565	ng	99
50) Dimethylphthalate	14.010	163	144028	12.346	ng	98
51) 2,6-Dinitrotoluene	14.134	165	29623	11.558	ng	98
52) Acenaphthene	14.604	154	100427	11.552	ng	97
53) 3-Nitroaniline	14.457	138	30216	12.828	ng	99
54) 2,4-Dinitrophenol	14.657	184	13865	10.419	ng	85
55) Dibenzofuran	14.940	168	173651	12.264	ng	98
56) 4-Nitrophenol	14.751	139	23145	11.989	ng	97
57) 2,4-Dinitrotoluene	14.916	165	39978	11.903	ng	97
58) Fluorene	15.593	166	141412	12.539	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	41053	12.490	ng	99
60) Diethylphthalate	15.381	149	146354	12.613	ng	99
61) 4-Chlorophenyl-phenyle...	15.593	204	77107	12.165	ng	97
62) 4-Nitroaniline	15.616	138	31293	12.675	ng	97
63) Azobenzene	15.887	77	137818	12.283	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	19635	9.089	ng	95
66) n-Nitrosodiphenylamine	15.810	169	121842	10.738	ng	96
67) 4-Bromophenyl-phenylether	16.493	248	47746	10.081	ng	99
68) Hexachlorobenzene	16.587	284	57966	10.480	ng	98
69) Atrazine	16.769	200	52378	13.911	ng	94
70) Pentachlorophenol	16.940	266	32487	9.432	ng	97
71) Phenanthrene	17.340	178	234392	11.756	ng	98
72) Anthracene	17.434	178	238484	11.990	ng	99
73) Carbazole	17.704	167	211604	11.711	ng	99
74) Di-n-butylphthalate	18.269	149	243303	11.136	ng	99
75) Fluoranthene	19.304	202	291489	11.967	ng	100
77) Benzidine	19.492	184	148764	19.672	ng	99
78) Pyrene	19.657	202	303655	11.895	ng	100
80) Butylbenzylphthalate	20.551	149	100612	10.553	ng	98
81) Benzo(a)anthracene	21.369	228	293846	11.540	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	103850	11.192	ng	95
83) Chrysene	21.422	228	269422	11.145	ng	100
84) Bis(2-ethylhexyl)phtha...	21.322	149	144708	9.968	ng	99
85) Di-n-octyl phthalate	22.263	149	217197	8.503	ng	99
87) Indeno(1,2,3-cd)pyrene	26.327	276	245708	9.820	ng	# 92
88) Benzo(b)fluoranthene	23.063	252	241994	11.746	ng	99
89) Benzo(k)fluoranthene	23.116	252	238530	12.120	ng	98
90) Benzo(a)pyrene	23.692	252	204239	11.142	ng	99
91) Dibenzo(a,h)anthracene	26.351	278	205932	10.007	ng	99
92) Benzo(g,h,i)perylene	27.086	276	197906	9.479	ng	99

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

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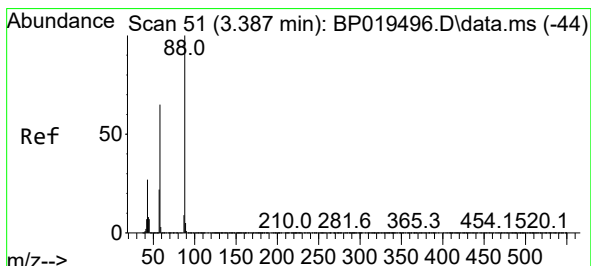
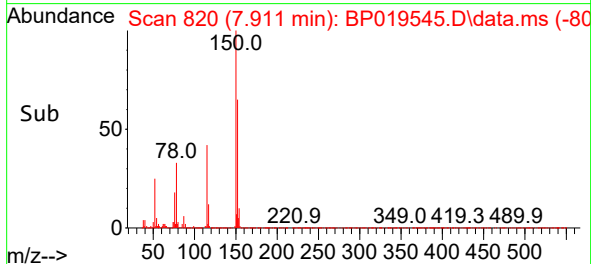
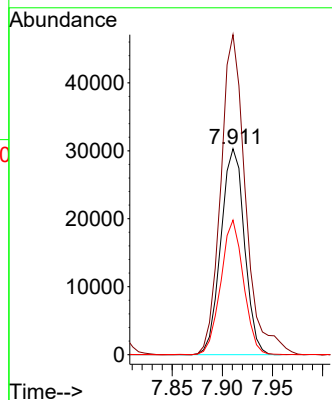
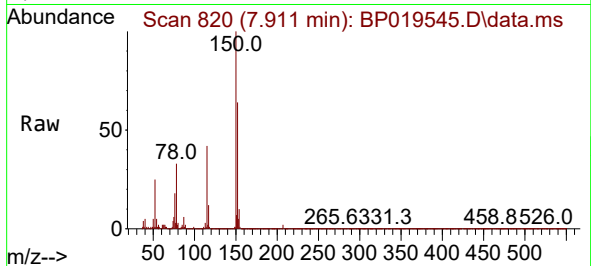




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

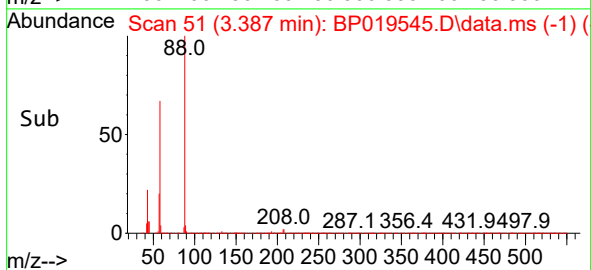
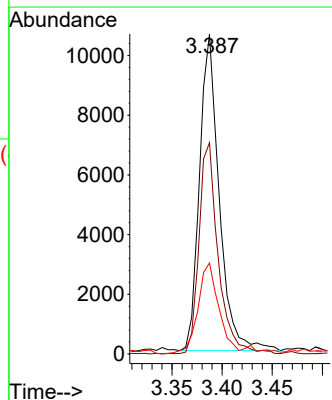
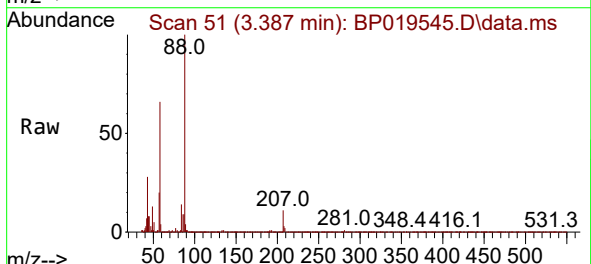
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

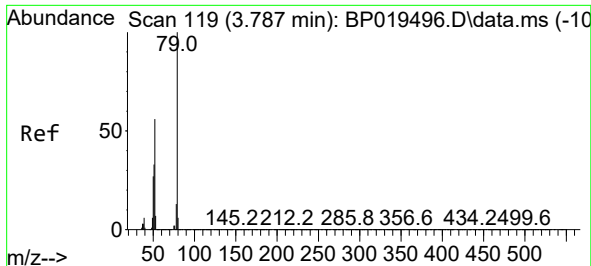
Tgt Ion:152 Resp: 49429
Ion Ratio Lower Upper
152 100
150 155.4 121.8 182.8
115 65.4 49.9 74.9



#2
1,4-Dioxane
Concen: 12.289 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion: 88 Resp: 14519
Ion Ratio Lower Upper
88 100
58 65.4 52.6 78.8
43 30.6 21.9 32.9





#3

Pyridine

Concen: 10.970 ng

RT: 3.787 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

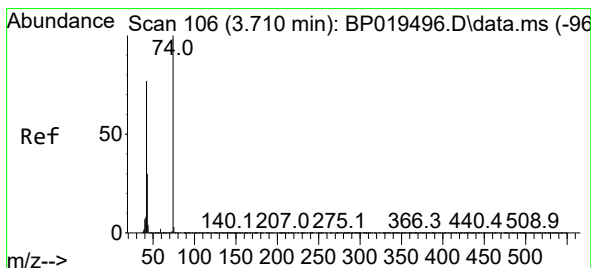
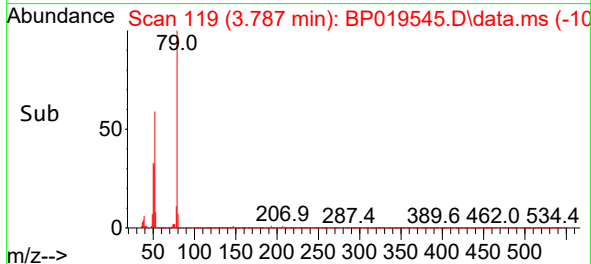
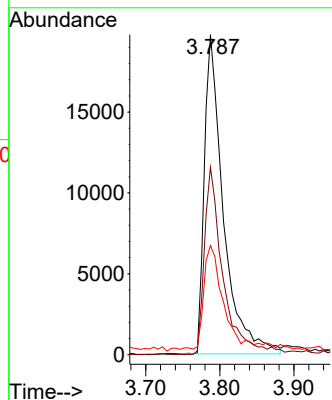
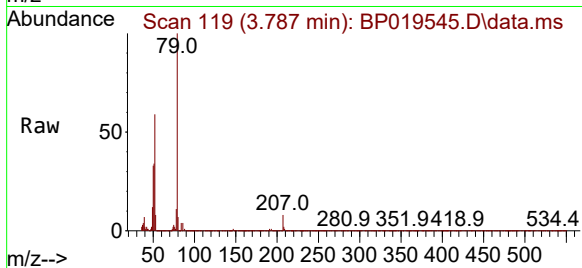
Tgt Ion: 79 Resp: 35137

Ion Ratio Lower Upper

79 100

52 58.6 45.0 67.6

51 34.1 26.8 40.2



#4

n-Nitrosodimethylamine

Concen: 11.962 ng

RT: 3.705 min Scan# 105

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

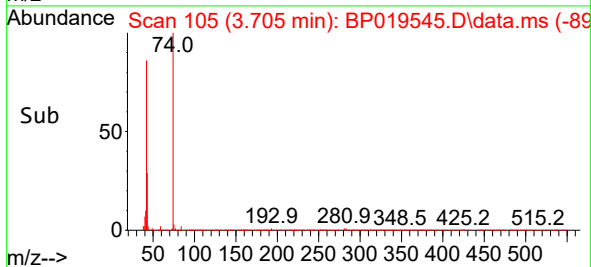
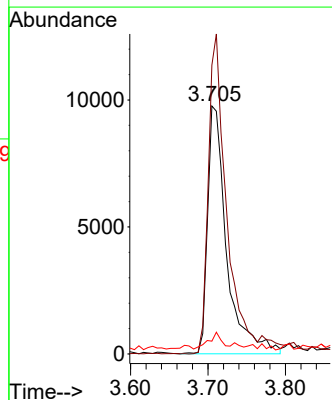
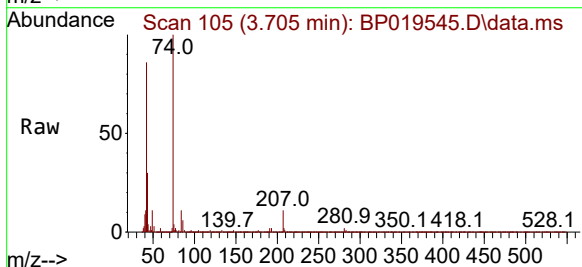
Tgt Ion: 42 Resp: 16682

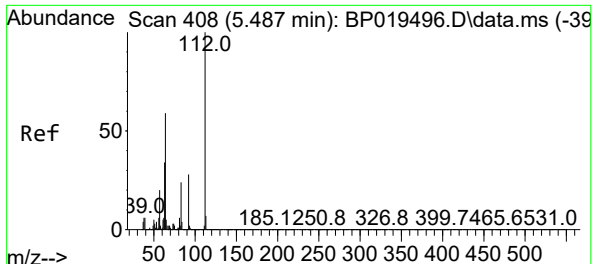
Ion Ratio Lower Upper

42 100

74 116.5 103.4 155.2

44 5.2 4.8 7.2

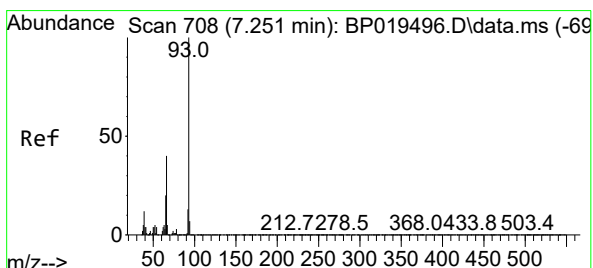
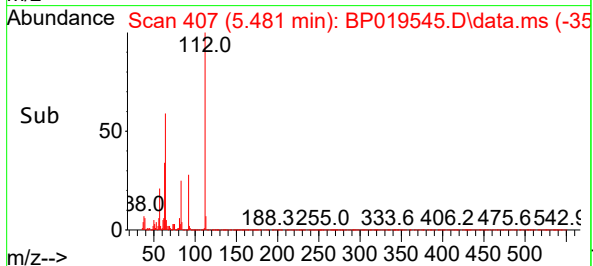
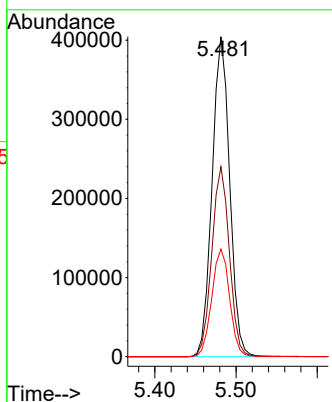
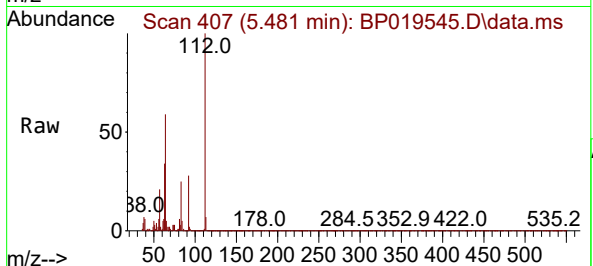




#5
2-Fluorophenol
Concen: 198.446 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

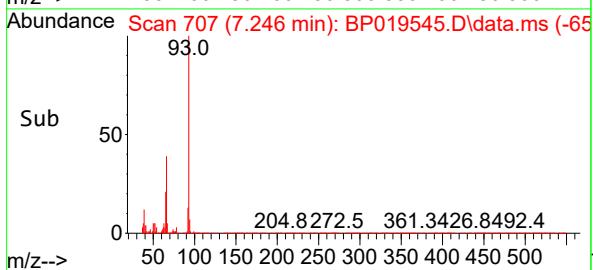
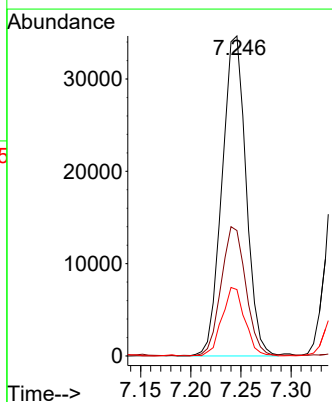
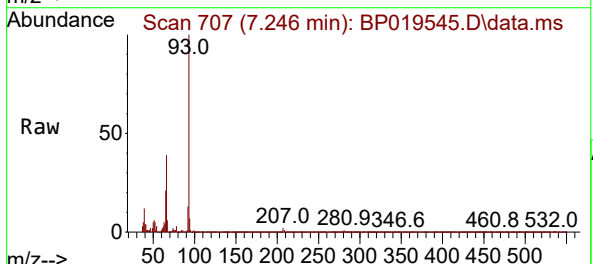
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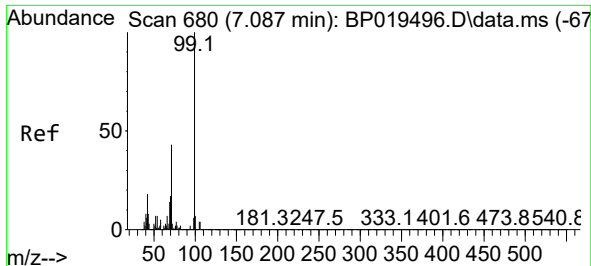
Tgt Ion:112 Resp: 608528
Ion Ratio Lower Upper
112 100
64 59.3 47.4 71.0
63 33.7 27.0 40.6



#6
Aniline
Concen: 14.368 ng
RT: 7.246 min Scan# 707
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion: 93 Resp: 57726
Ion Ratio Lower Upper
93 100
66 39.2 32.3 48.5
65 20.7 16.4 24.6

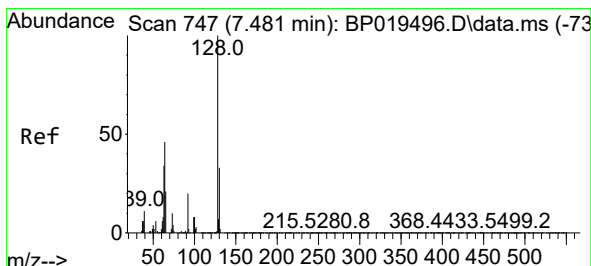
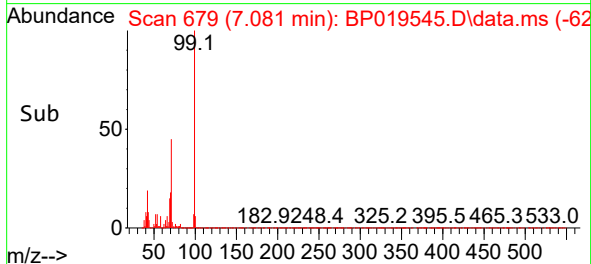
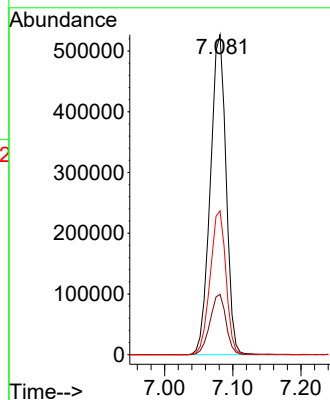
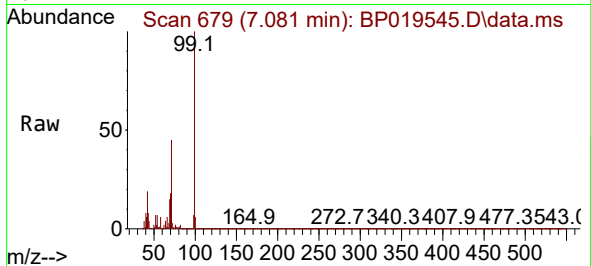




#7
Phenol-d6
Concen: 204.953 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

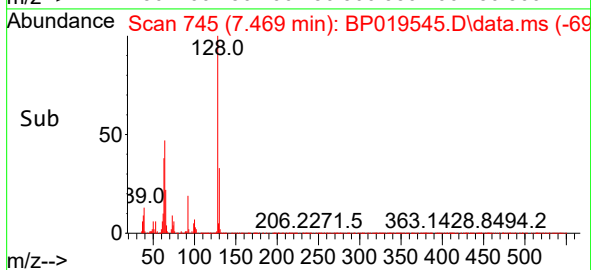
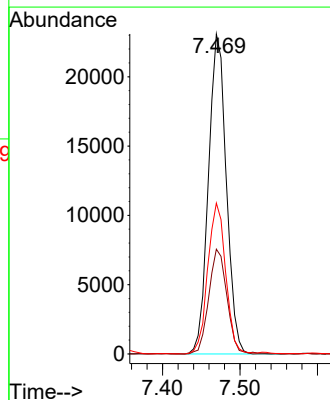
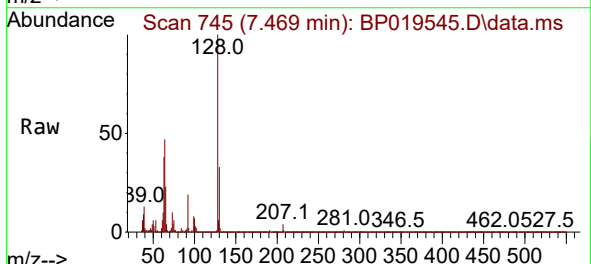
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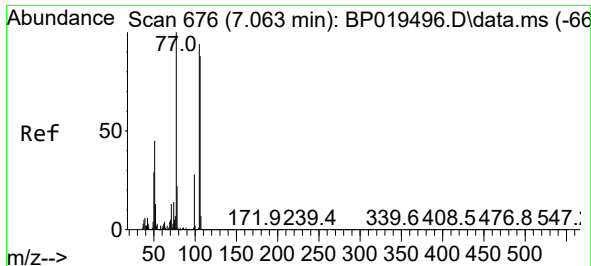
Tgt Ion: 99 Resp: 847421
Ion Ratio Lower Upper
99 100
42 18.8 14.7 22.1
71 45.0 34.8 52.2



#8
2-Chlorophenol
Concen: 11.752 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion: 128 Resp: 36997
Ion Ratio Lower Upper
128 100
130 32.7 13.3 53.3
64 47.1 29.7 69.7

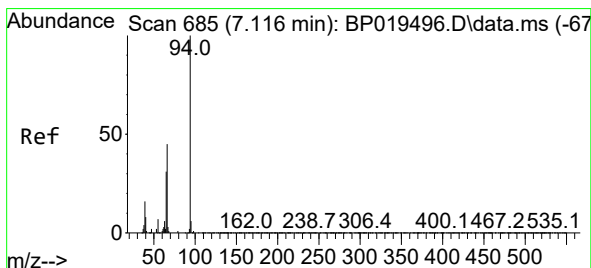
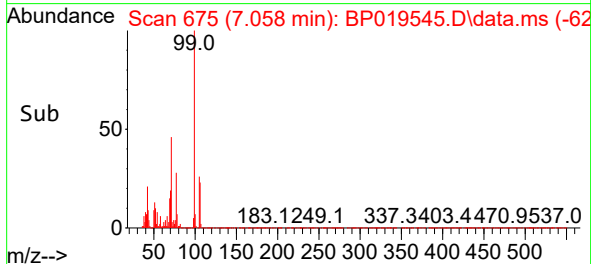
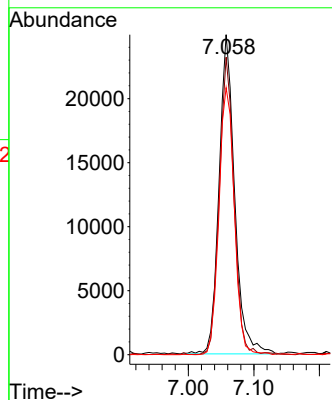
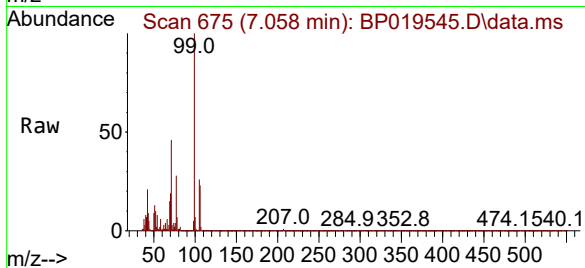




#9
Benzaldehyde
Concen: 14.184 ng
RT: 7.058 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

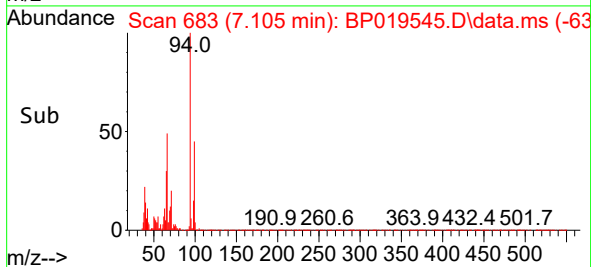
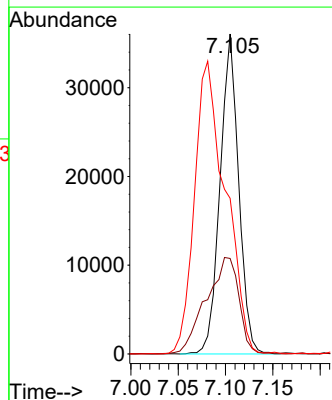
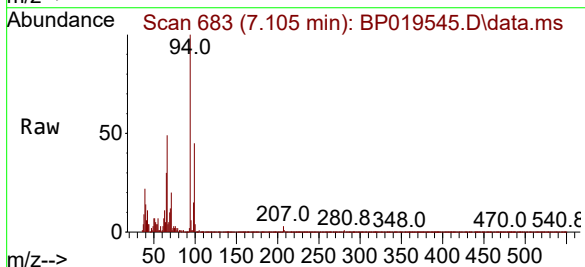
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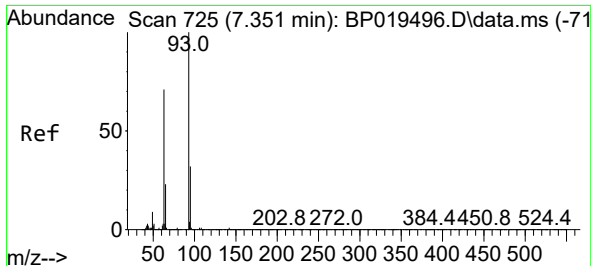
Tgt Ion: 77 Resp: 41118
Ion Ratio Lower Upper
77 100
105 93.0 74.0 114.0
106 83.5 67.8 107.8



#10
Phenol
Concen: 11.970 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion: 94 Resp: 49329
Ion Ratio Lower Upper
94 100
65 29.9 11.3 51.3
66 48.7 25.1 65.1

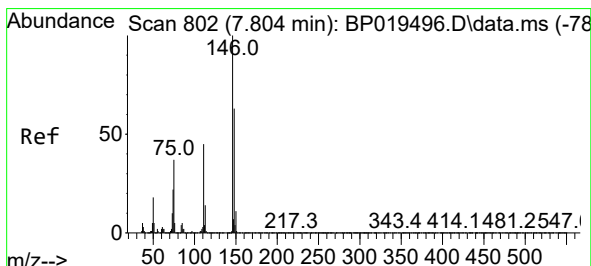
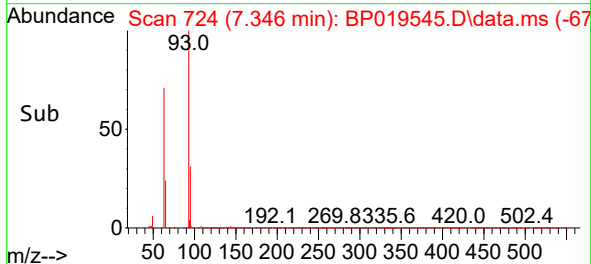
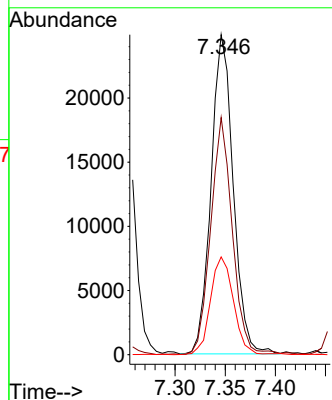
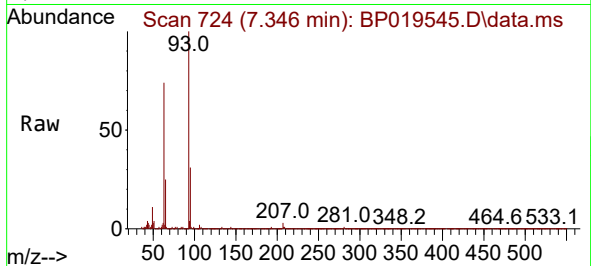




#11
bis(2-Chloroethyl)ether
Concen: 11.904 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

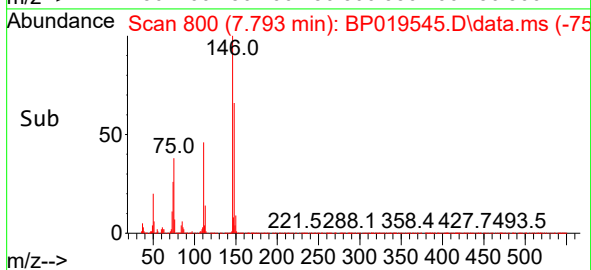
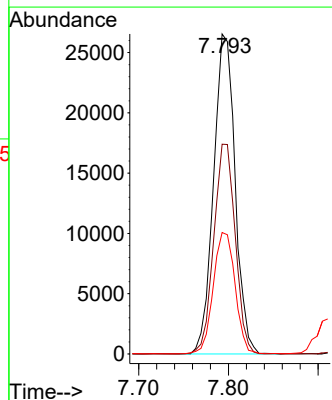
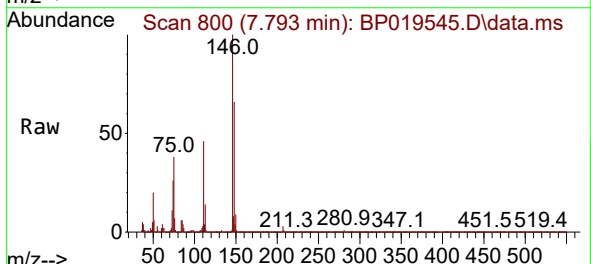
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

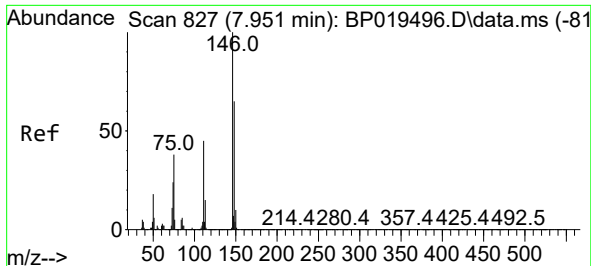
Tgt Ion: 93 Resp: 38165
Ion Ratio Lower Upper
93 100
63 74.1 51.2 91.2
95 30.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 11.492 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion:146 Resp: 44270
Ion Ratio Lower Upper
146 100
148 65.6 50.4 75.6
75 37.9 29.9 44.9

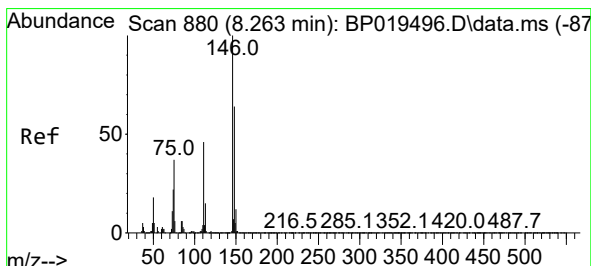
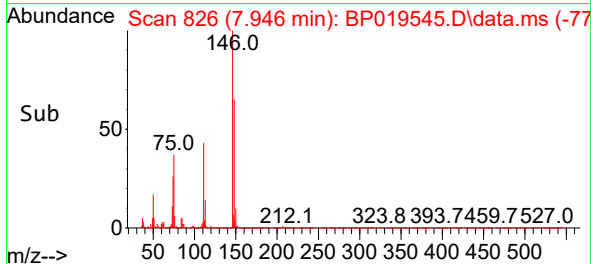
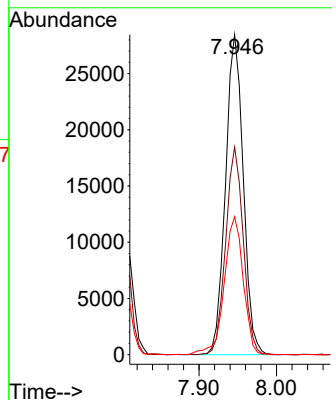
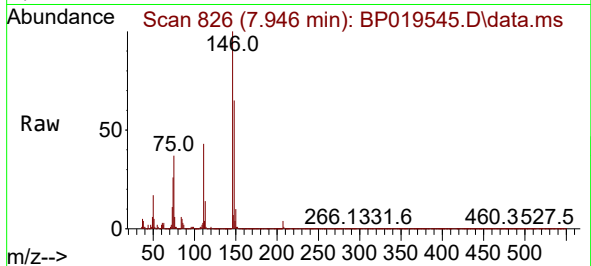




#13
1,4-Dichlorobenzene
Concen: 11.616 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

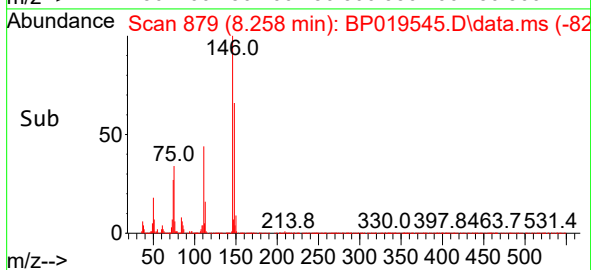
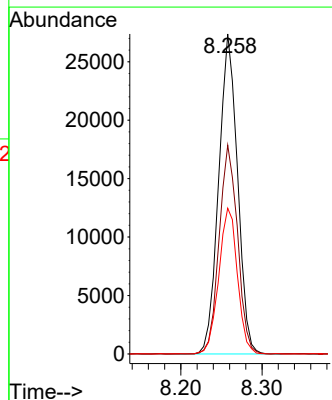
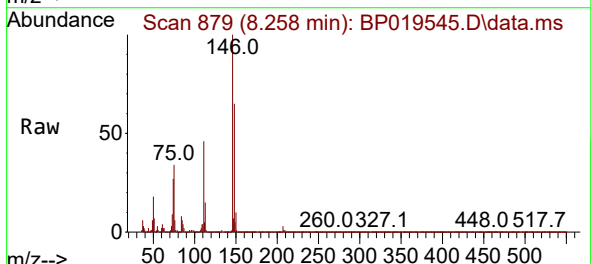
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

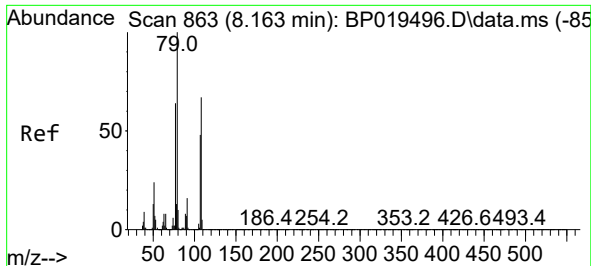
Tgt Ion:146 Resp: 45336
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
111 43.1 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 11.678 ng
RT: 8.258 min Scan# 879
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion:146 Resp: 44097
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.0
111 45.6 37.0 55.6

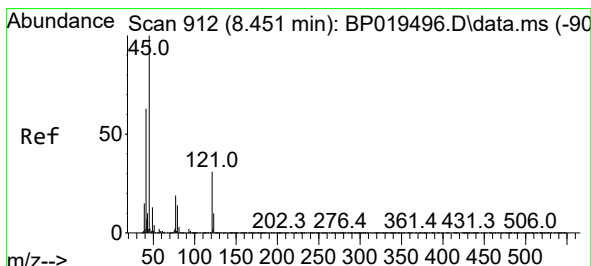
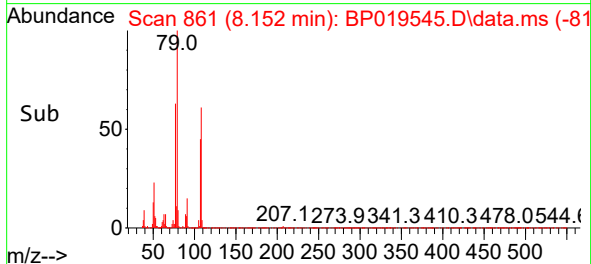
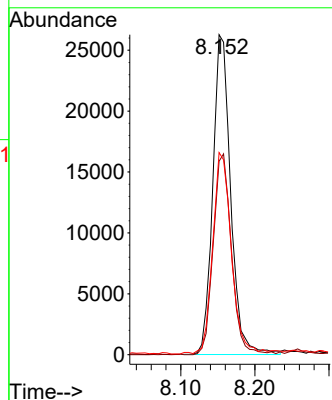
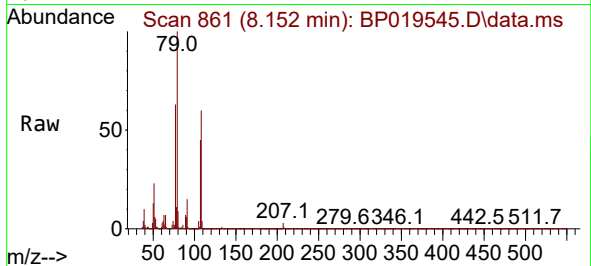




#15
Benzyl Alcohol
Concen: 13.332 ng
RT: 8.152 min Scan# 861
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

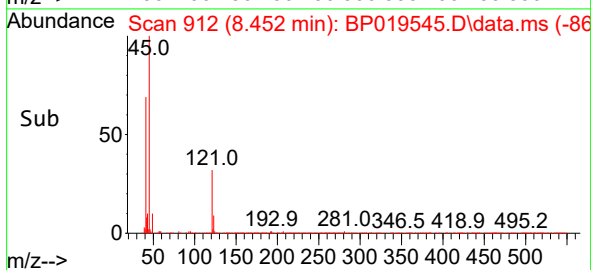
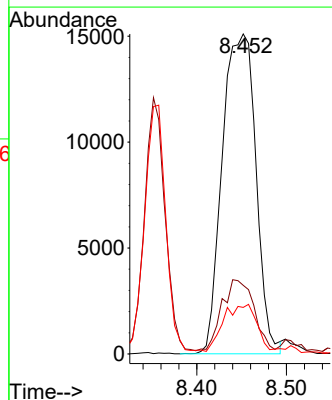
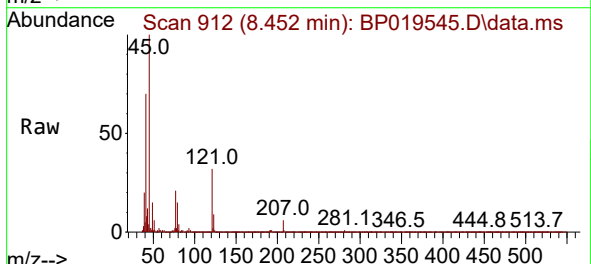
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

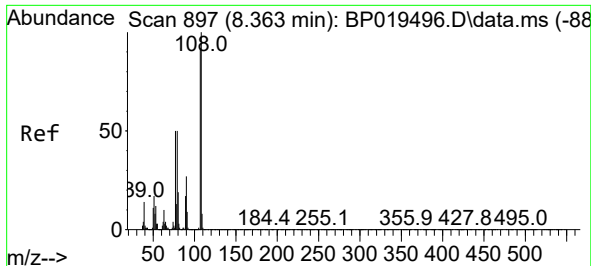
Tgt Ion: 79 Resp: 44046
Ion Ratio Lower Upper
79 100
108 60.5 53.8 80.6
77 63.1 51.3 76.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 12.239 ng
RT: 8.452 min Scan# 912
Delta R.T. 0.000 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion: 45 Resp: 39240
Ion Ratio Lower Upper
45 100
77 21.4 0.8 40.8
79 14.6 0.0 35.5

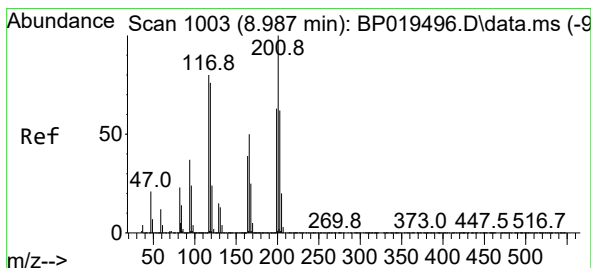
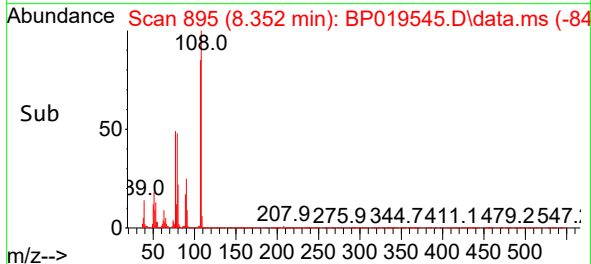
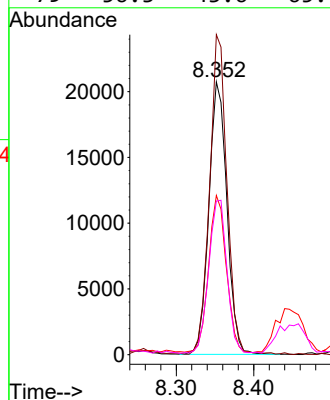
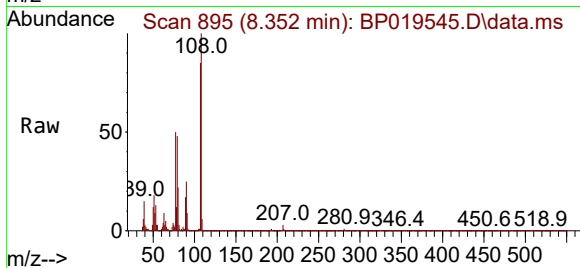




#17
2-Methylphenol
Concen: 12.099 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

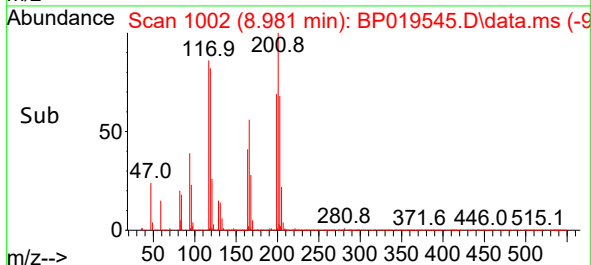
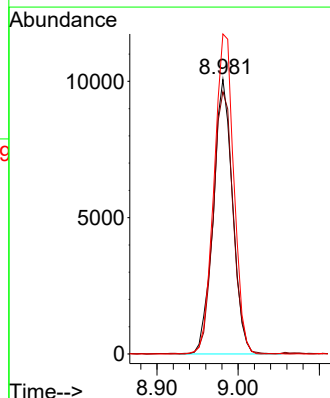
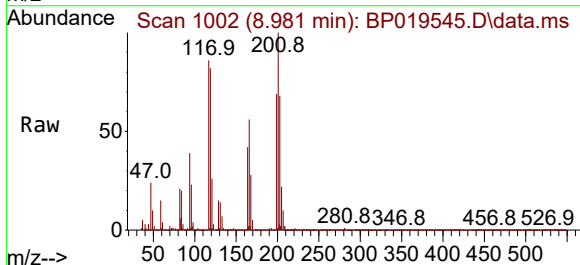
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

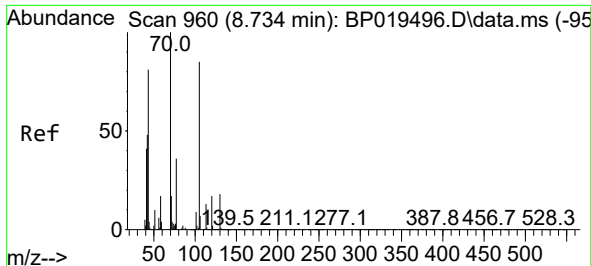
Tgt Ion:	107	Resp:	33567
Ion	Ratio	Lower	Upper
107	100		
108	117.3	87.0	130.6
77	58.3	43.5	65.3
79	56.3	43.6	65.4



#18
Hexachloroethane
Concen: 11.019 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion:	117	Resp:	16670
Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.5	113.3
201	116.5	99.4	149.2

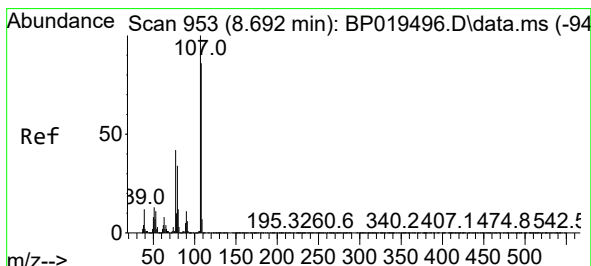
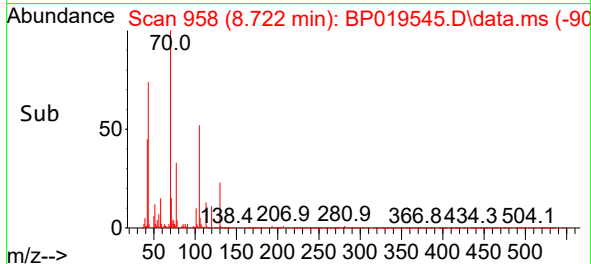
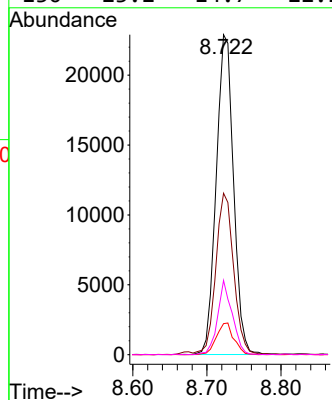
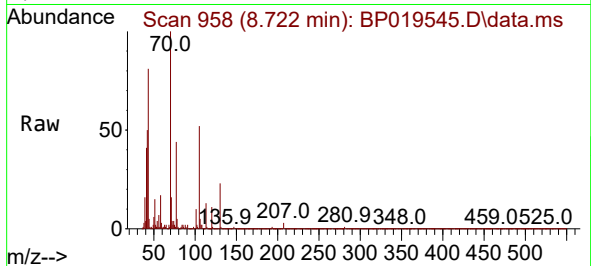




#19
n-Nitroso-di-n-propylamine
Concen: 13.168 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

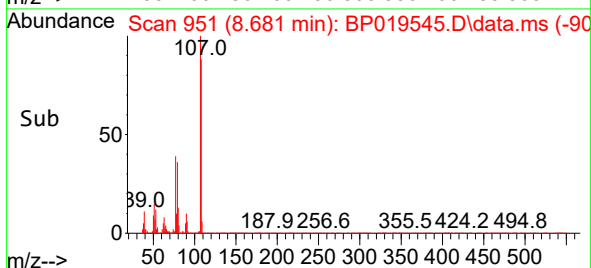
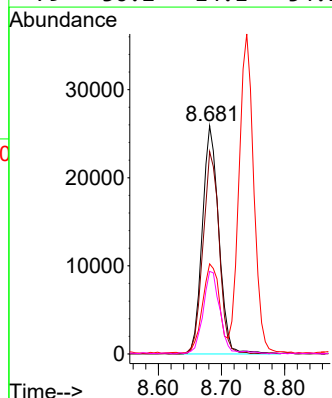
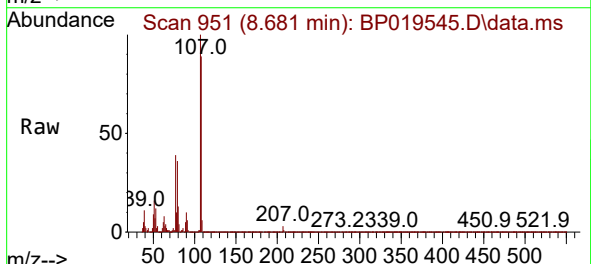
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

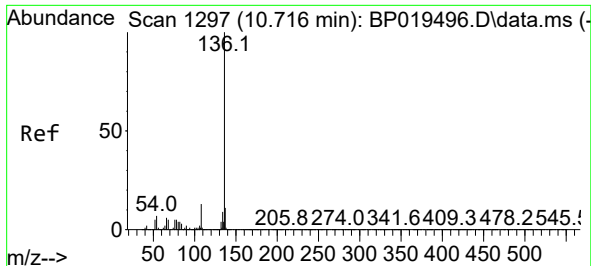
Tgt Ion: 70 Resp: 37189
Ion Ratio Lower Upper
70 100
42 50.4 39.2 58.8
101 9.7 7.3 10.9
130 23.2 14.7 22.1#



#20
3+4-Methylphenols
Concen: 12.424 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion: 107 Resp: 47041
Ion Ratio Lower Upper
107 100
108 88.7 65.5 105.5
77 39.5 21.8 61.8
79 36.2 14.1 54.1

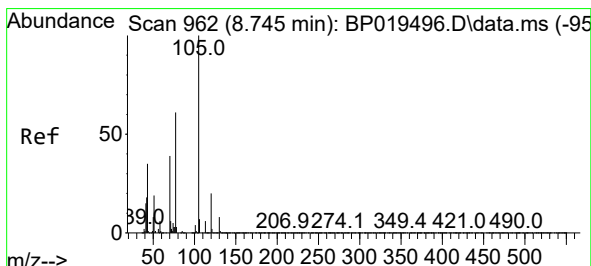
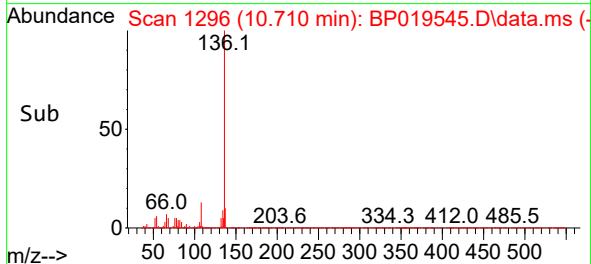
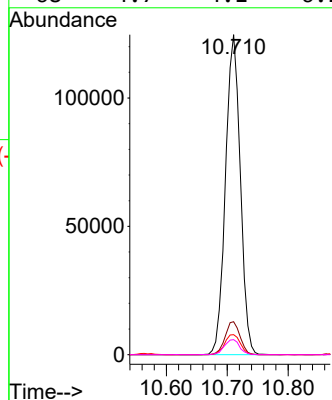
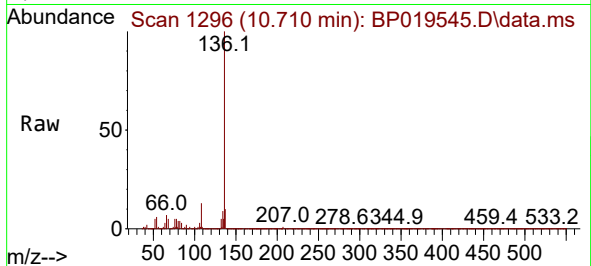




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

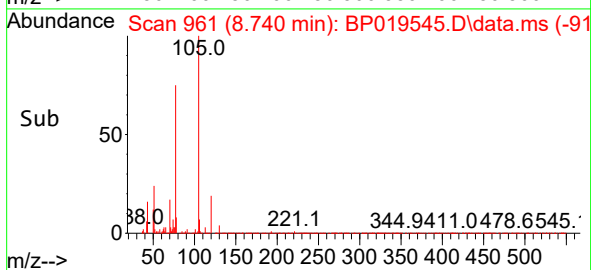
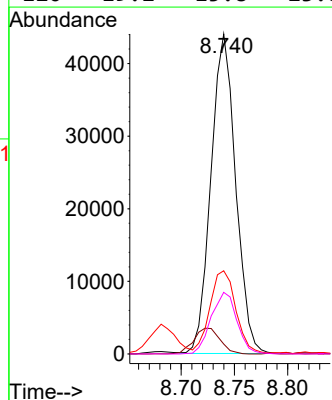
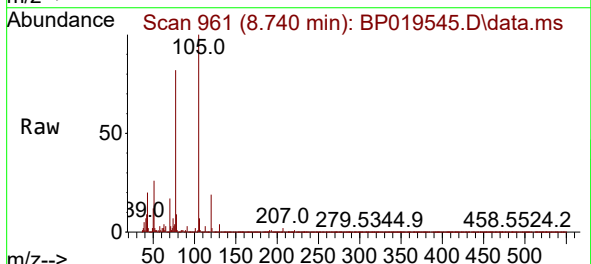
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

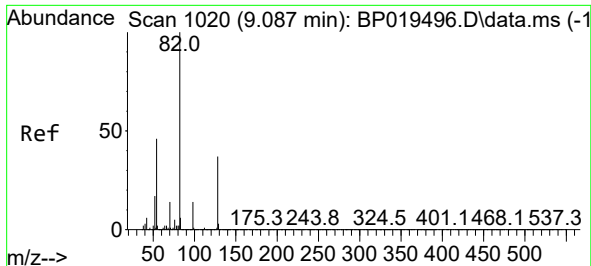
Tgt Ion:	136	Resp:	210466
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	6.2	5.3	7.9
68	4.7	4.1	6.1



#22
Acetophenone
Concen: 11.817 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion:	105	Resp:	70850
Ion	Ratio	Lower	Upper
105	100		
71	3.1	4.9	7.3
51	26.0	20.7	31.1
120	19.2	15.8	23.8

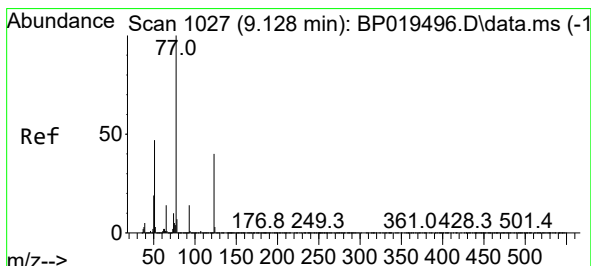
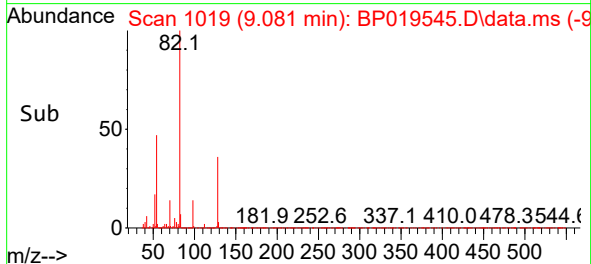
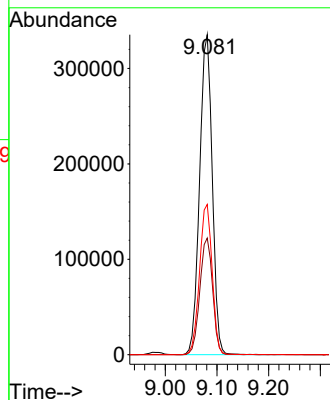
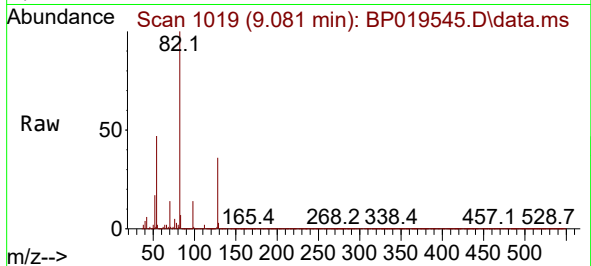




#23
Nitrobenzene-d5
Concen: 117.065 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

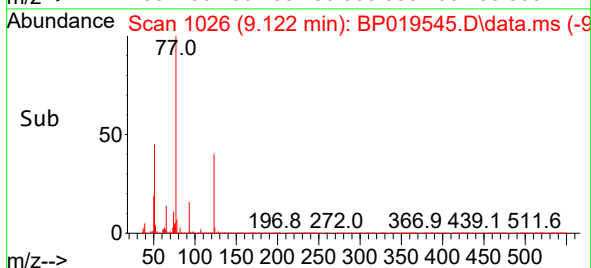
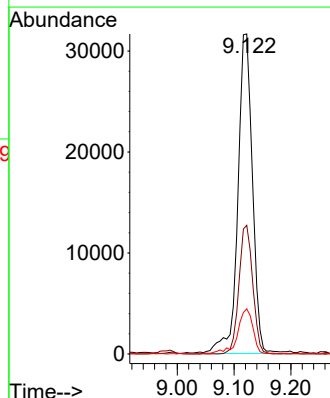
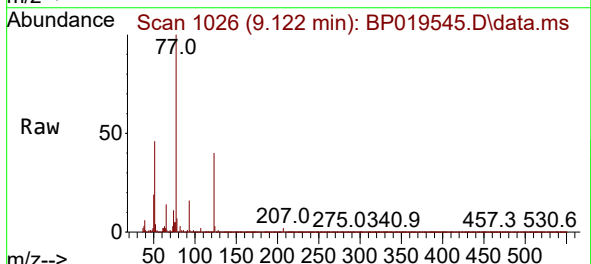
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

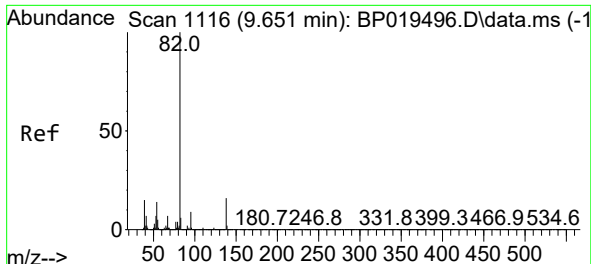
Tgt Ion: 82 Resp: 568600
Ion Ratio Lower Upper
82 100
128 36.4 29.7 44.5
54 47.0 36.8 55.2



#24
Nitrobenzene
Concen: 11.536 ng
RT: 9.122 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion: 77 Resp: 56415
Ion Ratio Lower Upper
77 100
123 40.2 32.3 48.5
65 14.1 11.6 17.4

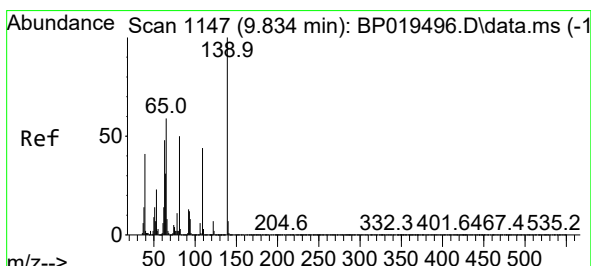
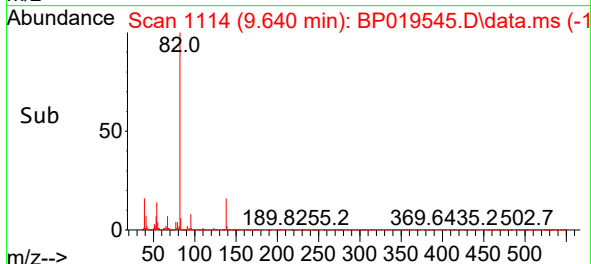
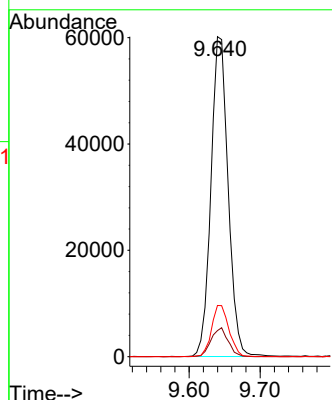
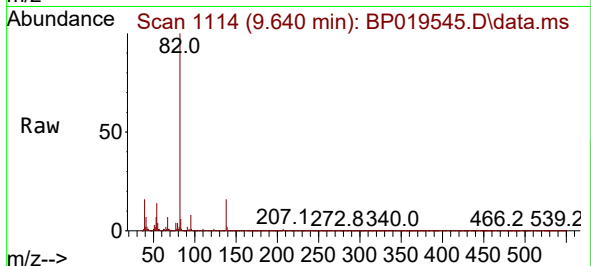




#25
Isophorone
Concen: 11.940 ng
RT: 9.640 min Scan# 1116
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

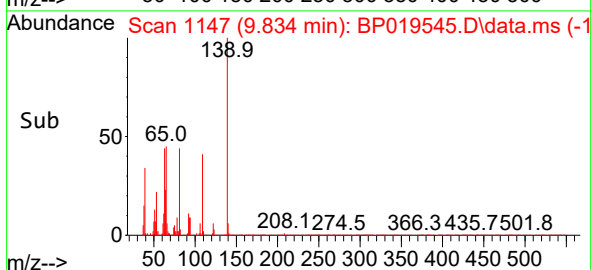
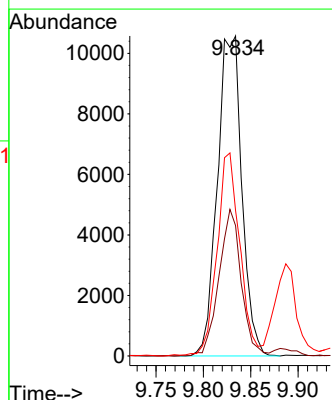
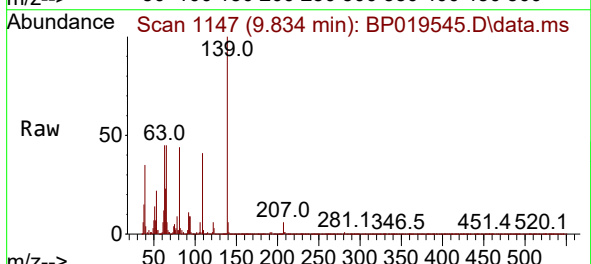
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

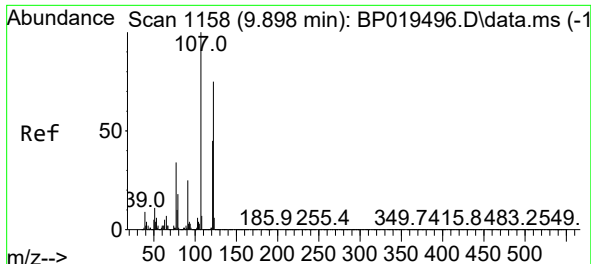
Tgt Ion: 82 Resp: 101003
Ion Ratio Lower Upper
82 100
95 8.2 7.0 10.4
138 16.0 13.1 19.7



#26
2-Nitrophenol
Concen: 10.225 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion:139 Resp: 19067
Ion Ratio Lower Upper
139 100
109 40.7 34.9 52.3
65 45.4 47.5 71.3#

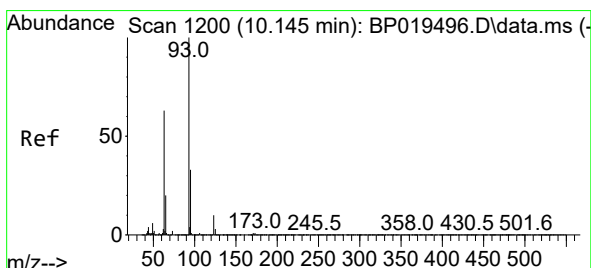
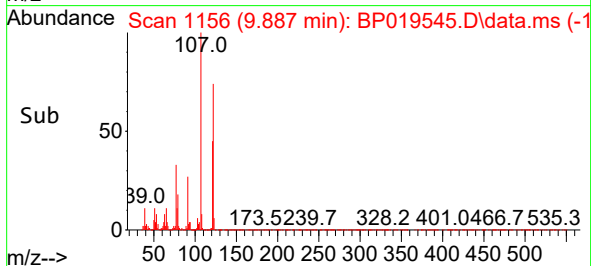
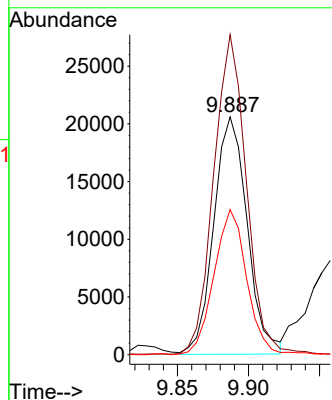
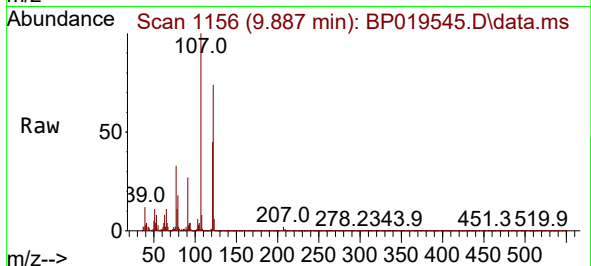




#27
2,4-Dimethylphenol
Concen: 14.116 ng
RT: 9.887 min Scan# 1158
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

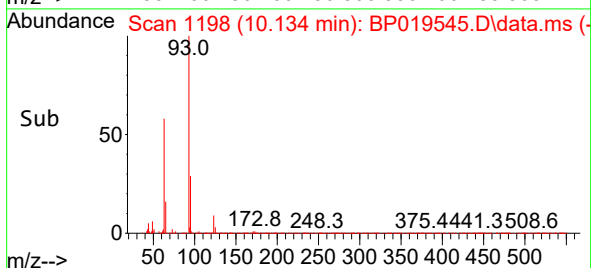
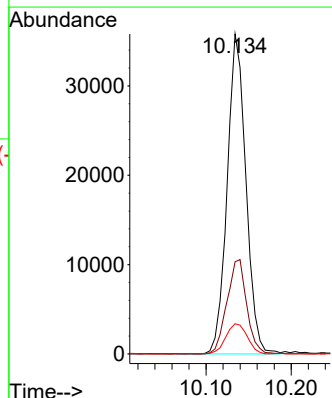
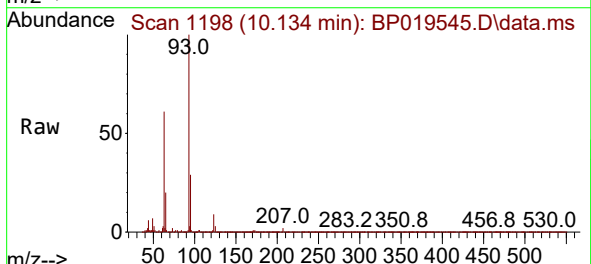
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

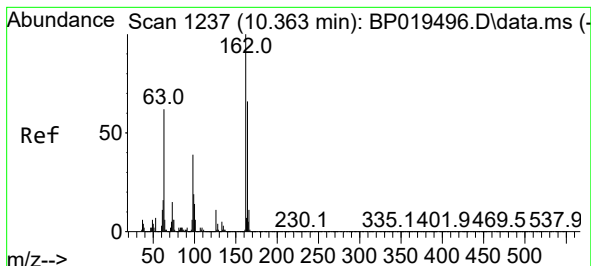
Tgt Ion:122 Resp: 33657
Ion Ratio Lower Upper
122 100
107 134.5 105.9 158.9
121 61.0 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 11.442 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion: 93 Resp: 54763
Ion Ratio Lower Upper
93 100
95 28.8 26.2 39.4
123 9.5 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 11.240 ng

RT: 10.358 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

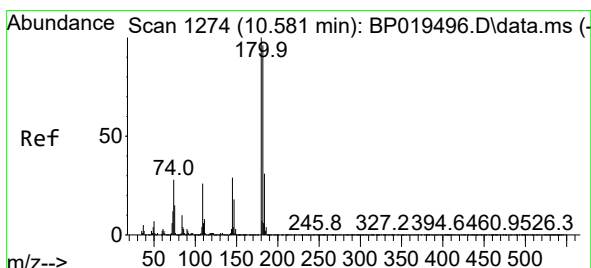
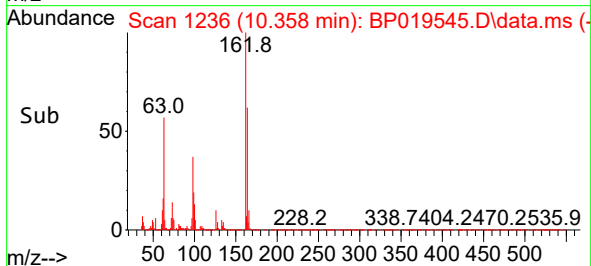
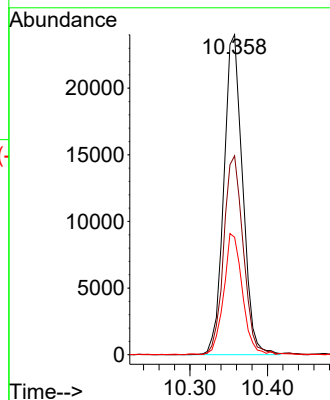
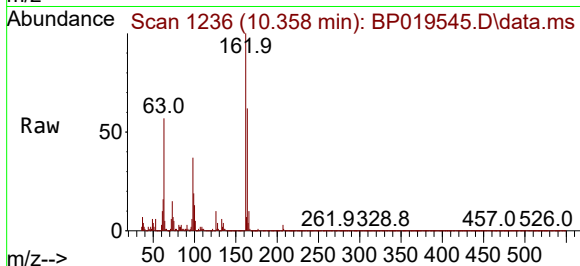
Tgt Ion:162 Resp: 40512

Ion Ratio Lower Upper

162 100

164 62.1 46.0 86.0

98 36.7 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 10.967 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.011 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

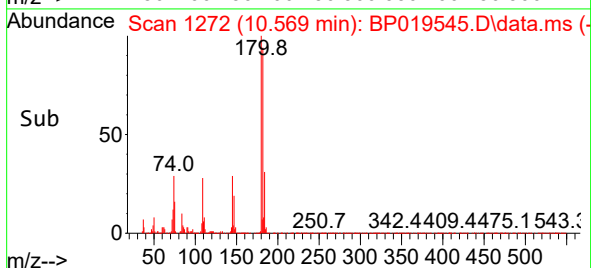
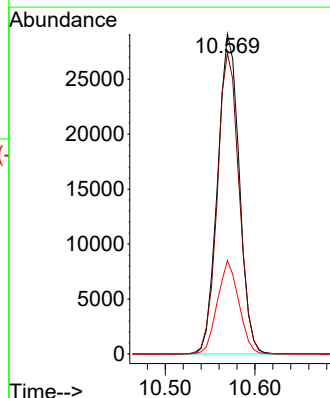
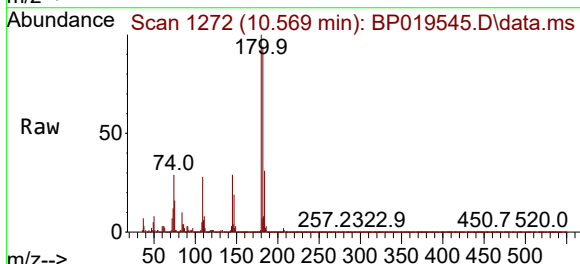
Tgt Ion:180 Resp: 48467

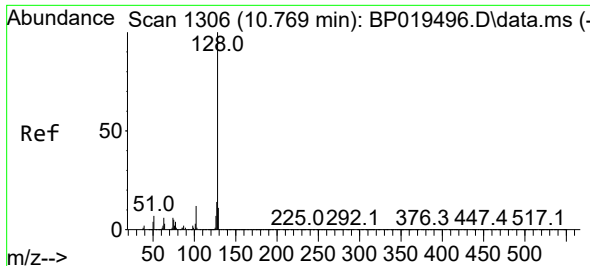
Ion Ratio Lower Upper

180 100

182 94.0 77.0 115.6

145 29.2 23.2 34.8

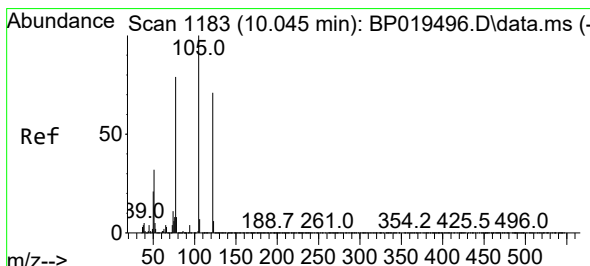
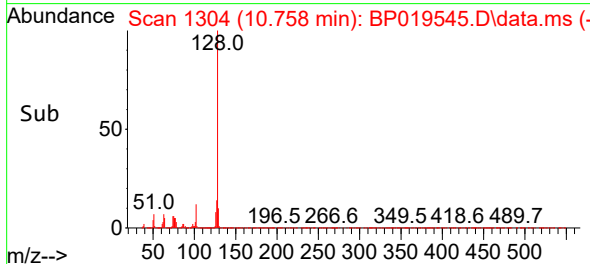
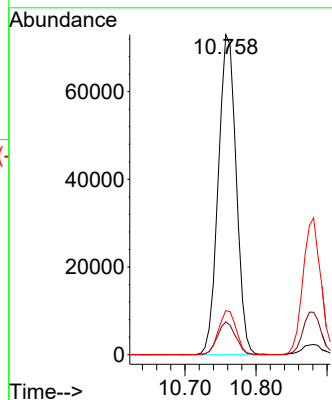
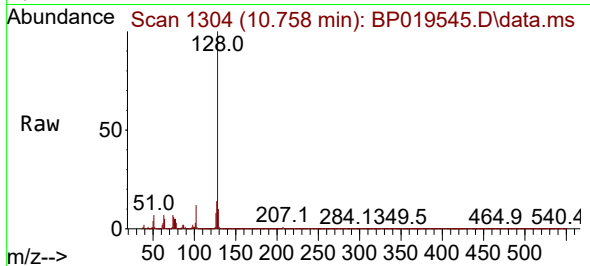




#31
Naphthalene
Concen: 11.056 ng
RT: 10.758 min Scan# 1169
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

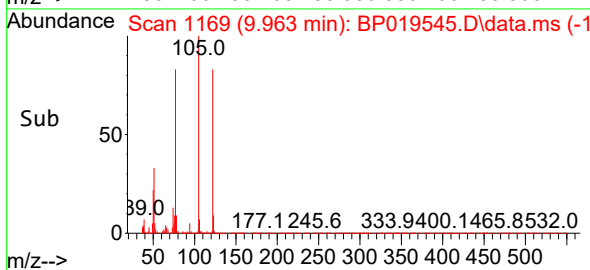
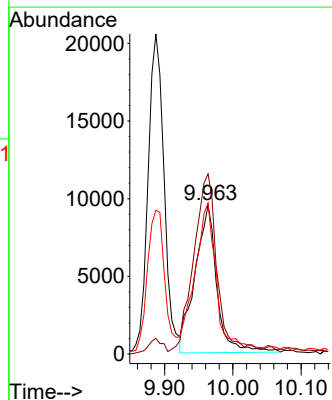
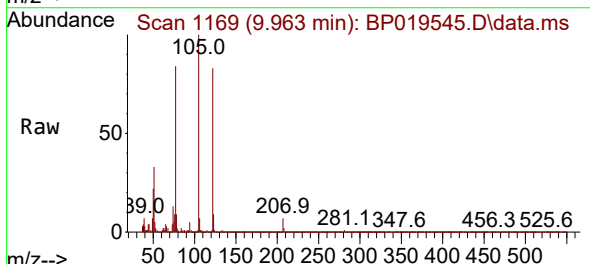
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

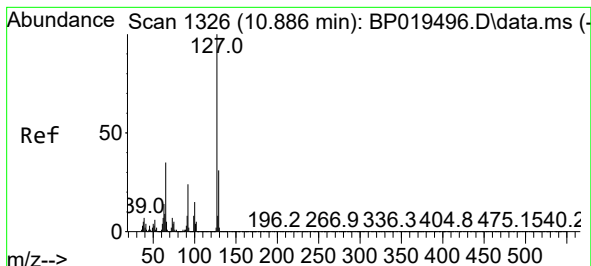
Tgt Ion:128 Resp: 127620
Ion Ratio Lower Upper
128 100
129 10.2 8.6 13.0
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 9.077 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.082 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion:122 Resp: 21086
Ion Ratio Lower Upper
122 100
105 120.9 118.8 158.8
77 101.2 91.7 131.7





#33

4-Chloroaniline

Concen: 12.833 ng

RT: 10.881 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion:127 Resp: 54783

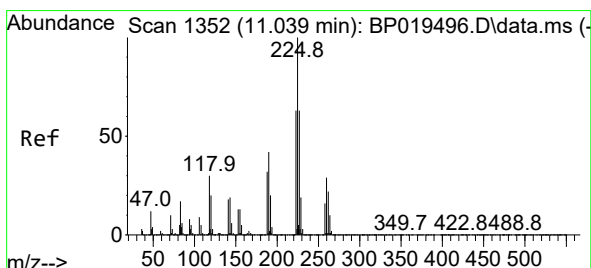
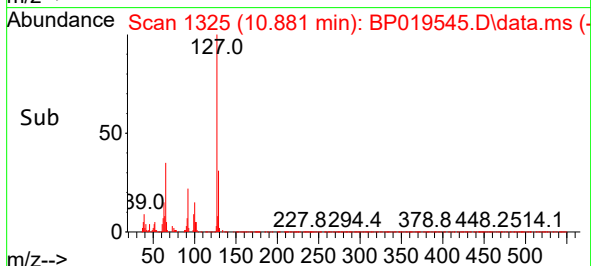
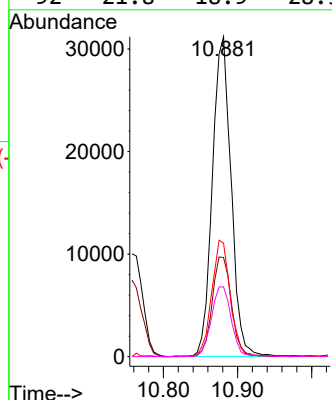
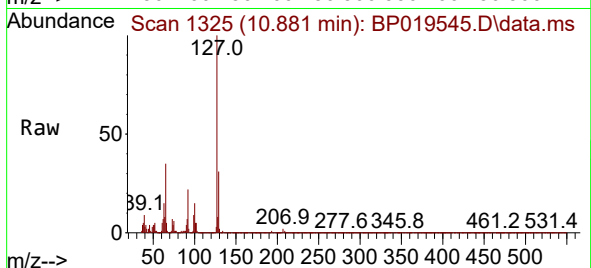
Ion Ratio Lower Upper

127 100

129 31.0 24.6 36.8

65 35.5 28.2 42.4

92 21.8 18.9 28.3



#34

Hexachlorobutadiene

Concen: 10.534 ng

RT: 11.034 min Scan# 1351

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

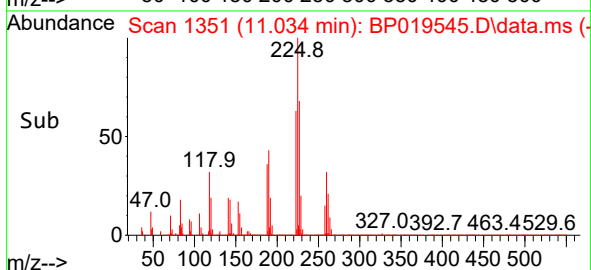
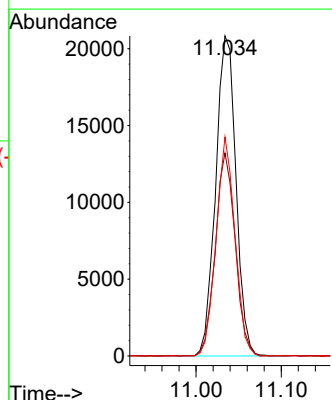
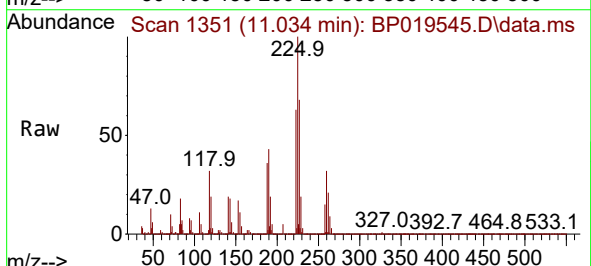
Tgt Ion:225 Resp: 34498

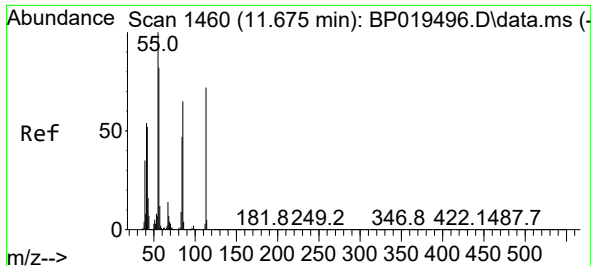
Ion Ratio Lower Upper

225 100

223 63.5 50.5 75.7

227 68.4 50.2 75.2

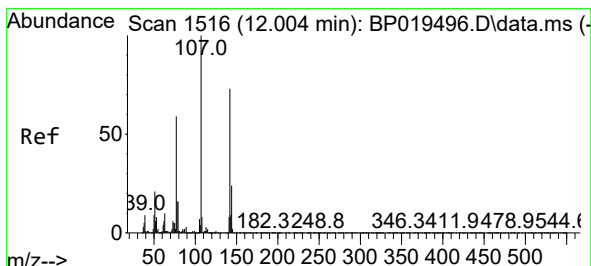
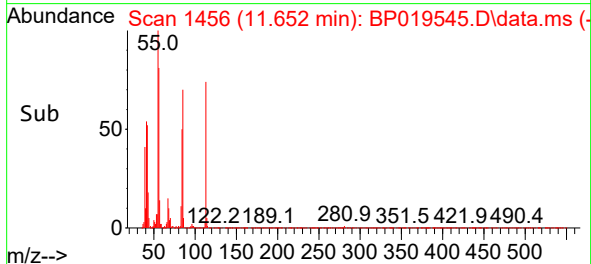
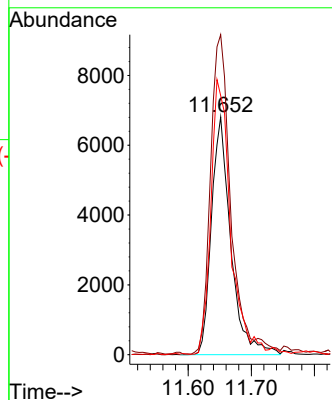
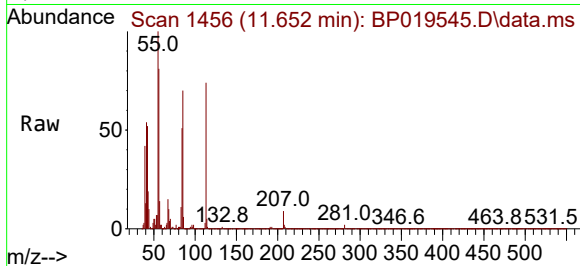




#35
 Caprolactam
 Concen: 14.181 ng
 RT: 11.652 min Scan# 1456
 Delta R.T. -0.023 min
 Lab File: BP019545.D
 Acq: 03 Feb 2024 01:15

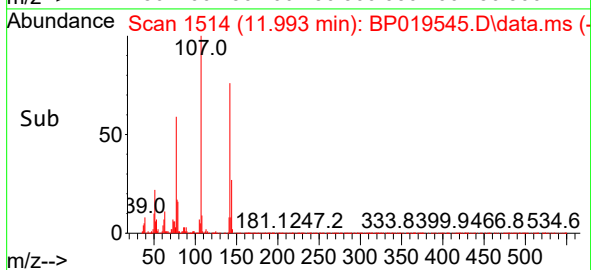
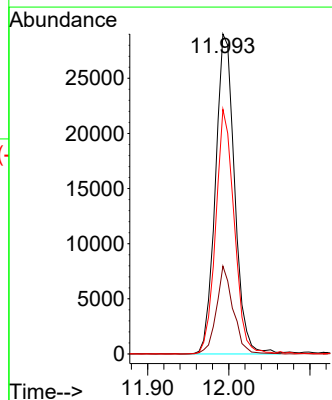
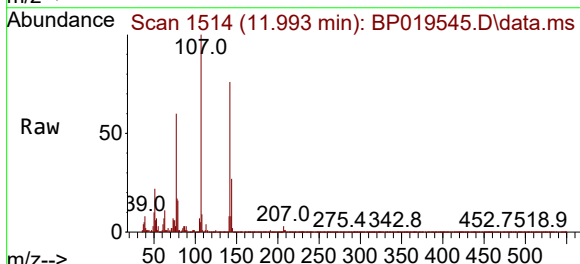
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

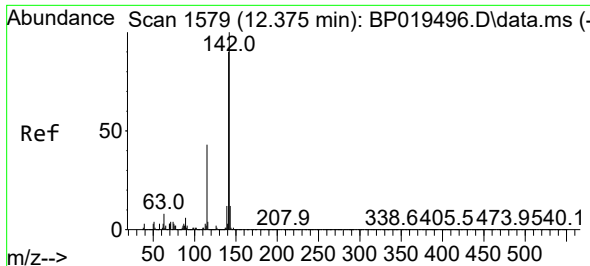
Tgt Ion:	113	Resp:	14470
Ion	Ratio	Lower	Upper
113	100		
55	134.6	120.0	160.0
56	108.9	94.0	134.0



#36
 4-Chloro-3-methylphenol
 Concen: 12.139 ng
 RT: 11.993 min Scan# 1514
 Delta R.T. -0.011 min
 Lab File: BP019545.D
 Acq: 03 Feb 2024 01:15

Tgt Ion:	107	Resp:	47709
Ion	Ratio	Lower	Upper
107	100		
144	27.4	19.0	28.4
142	76.5	58.6	88.0

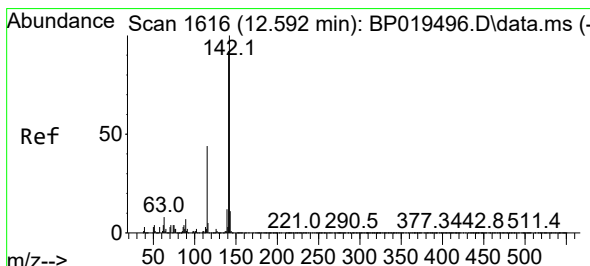
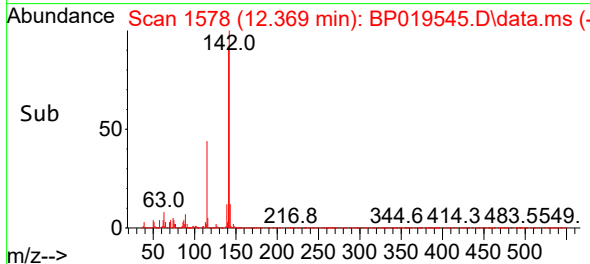
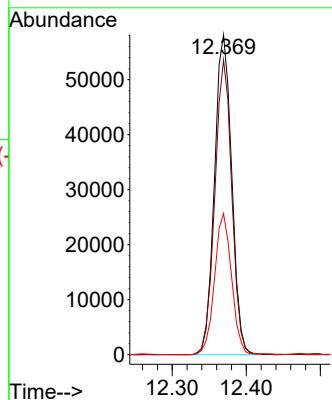
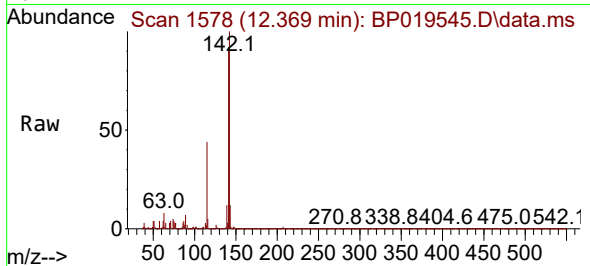




#37
2-Methylnaphthalene
Concen: 11.749 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

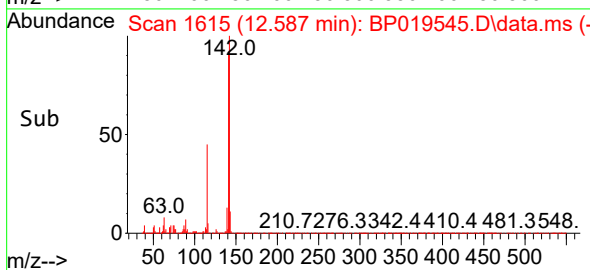
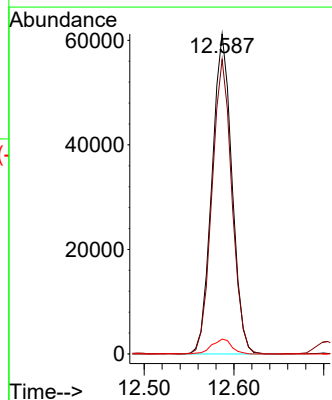
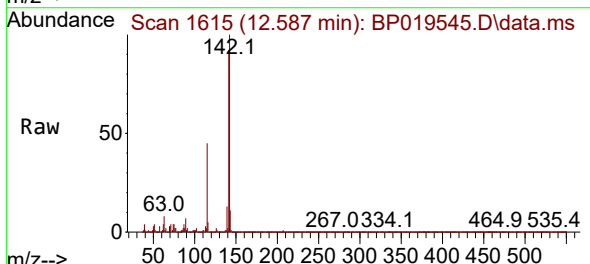
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

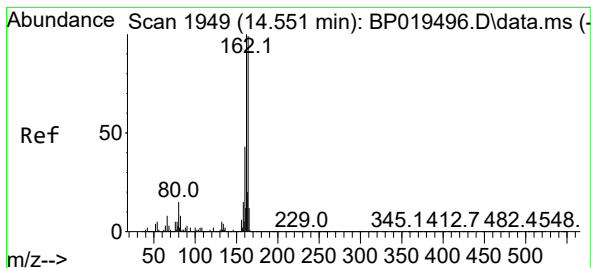
Tgt Ion:142 Resp: 93855
Ion Ratio Lower Upper
142 100
141 92.1 72.2 108.4
115 44.1 34.2 51.2



#38
1-Methylnaphthalene
Concen: 12.032 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion:142 Resp: 94458
Ion Ratio Lower Upper
142 100
141 92.1 74.0 111.0
116 4.7 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1949

Delta R.T. -0.011 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

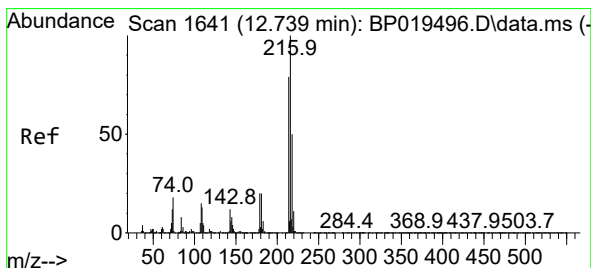
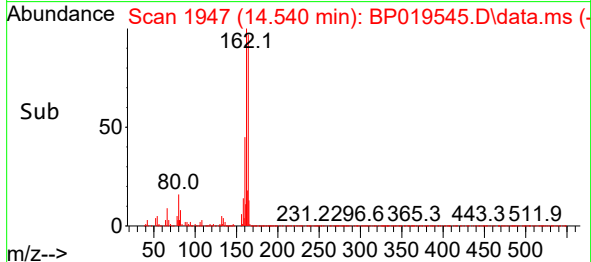
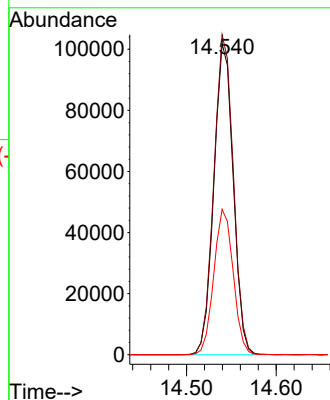
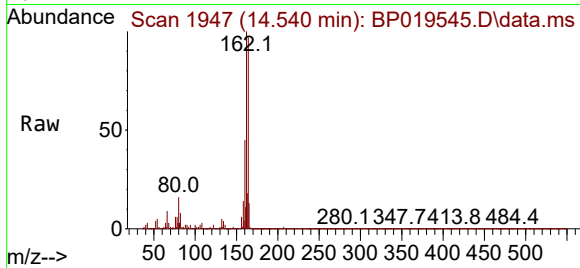
Tgt Ion:164 Resp: 152387

Ion Ratio Lower Upper

164 100

162 102.9 81.2 121.8

160 46.7 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.684 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.011 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Tgt Ion:216 Resp: 62790

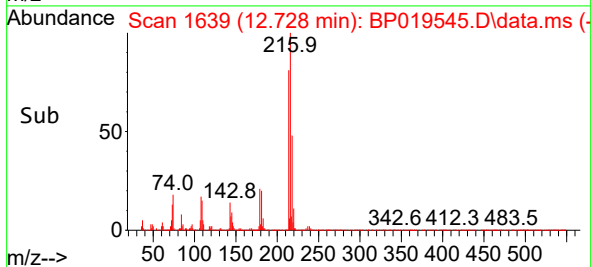
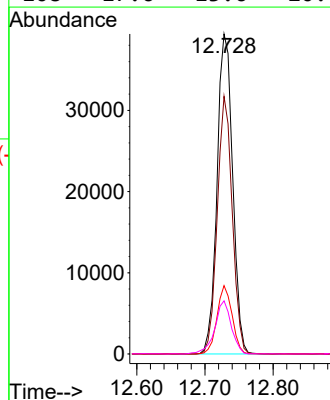
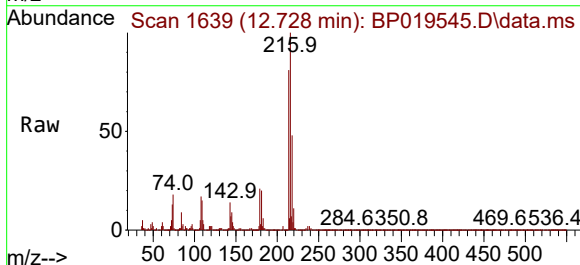
Ion Ratio Lower Upper

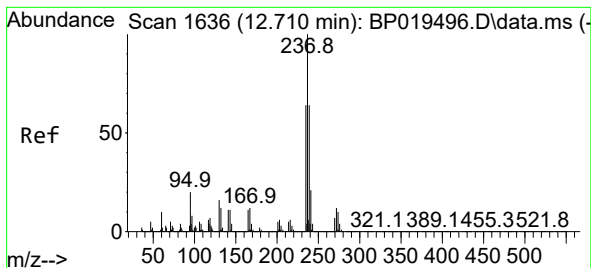
216 100

214 77.2 62.8 94.2

179 20.6 16.6 24.8

108 17.6 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 12.270 ng

RT: 12.704 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

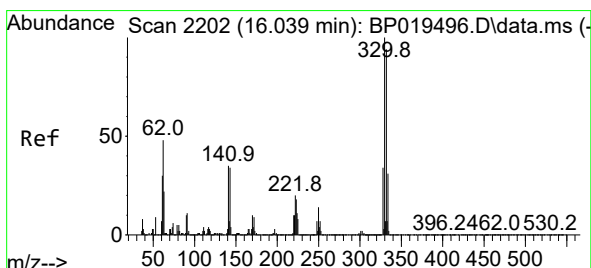
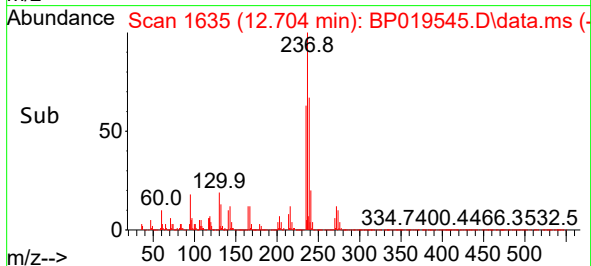
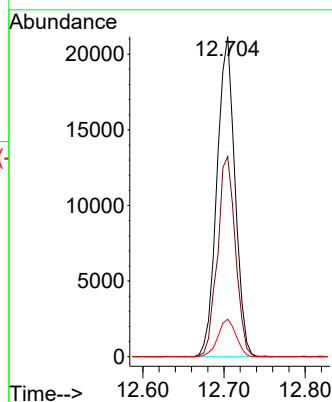
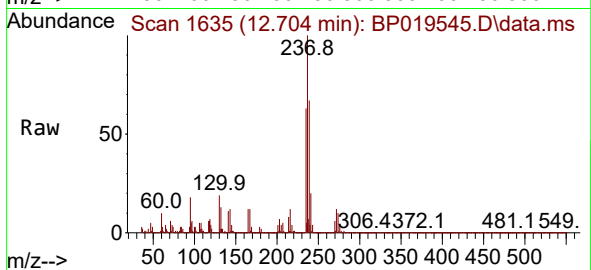
Tgt Ion:237 Resp: 32575

Ion Ratio Lower Upper

237 100

235 62.6 43.7 83.7

272 11.8 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 246.193 ng

RT: 16.034 min Scan# 2201

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

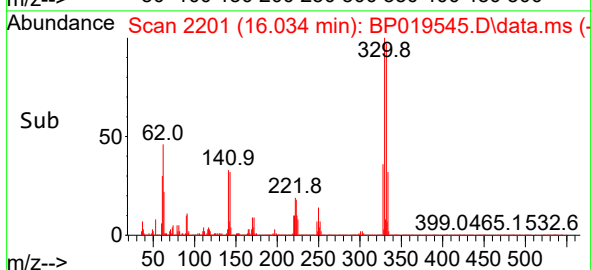
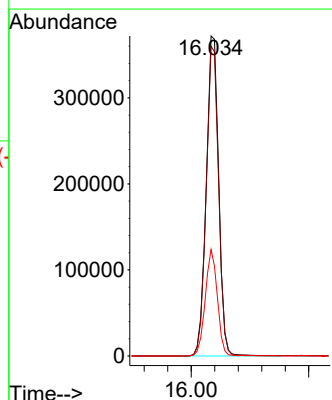
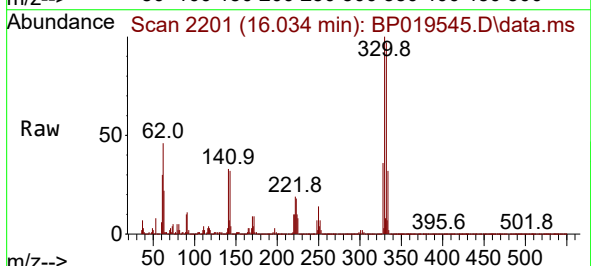
Tgt Ion:330 Resp: 547769

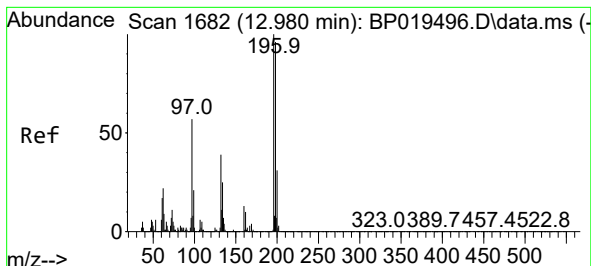
Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 32.4 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 10.807 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

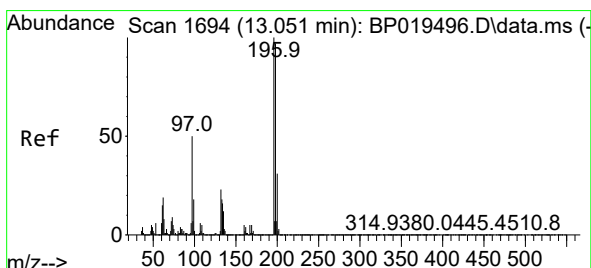
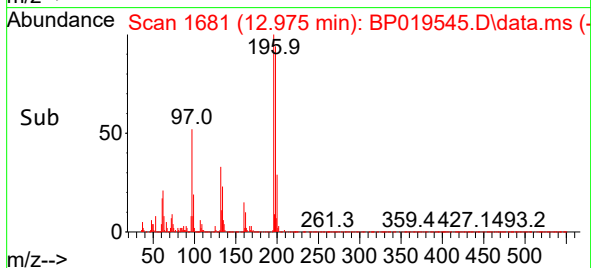
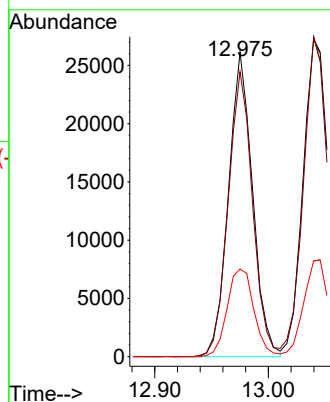
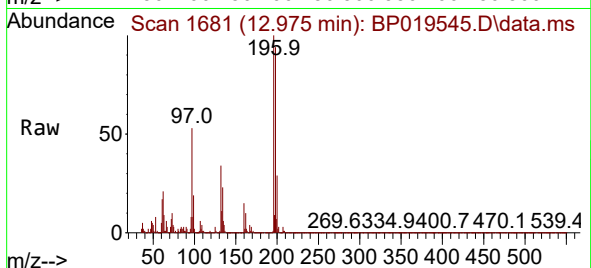
Tgt Ion:196 Resp: 38460

Ion Ratio Lower Upper

196 100

198 93.6 76.7 115.1

200 28.8 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 11.020 ng

RT: 13.040 min Scan# 1692

Delta R.T. -0.011 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Tgt Ion:196 Resp: 43063

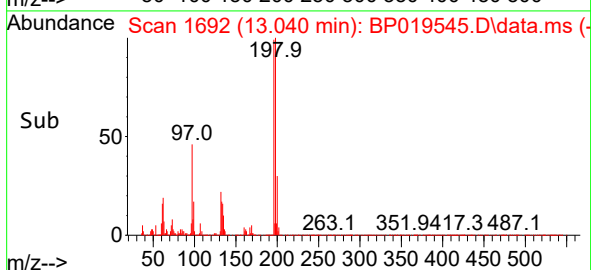
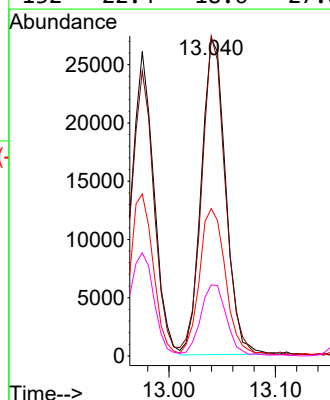
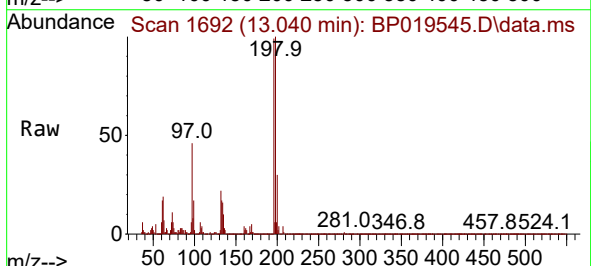
Ion Ratio Lower Upper

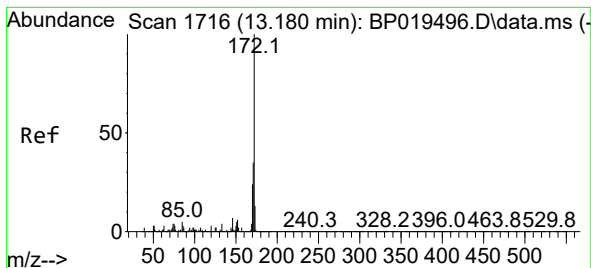
196 100

198 100.8 77.5 116.3

97 46.4 39.9 59.9

132 22.4 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 112.960 ng

RT: 13.175 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

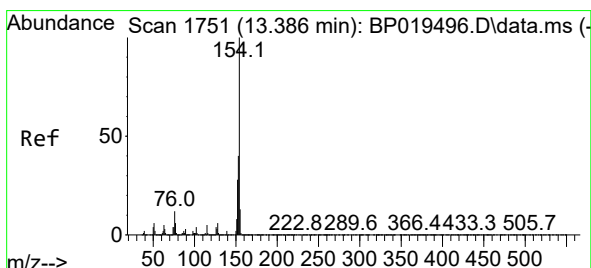
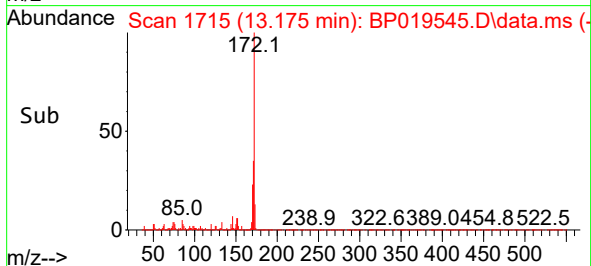
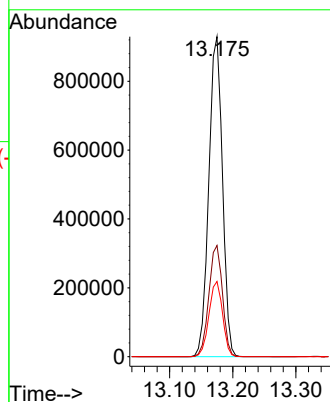
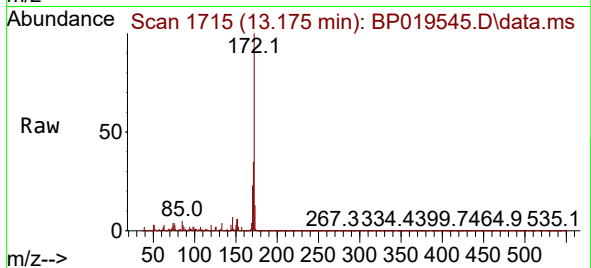
Tgt Ion:172 Resp: 1392427

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 11.098 ng

RT: 13.381 min Scan# 1750

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

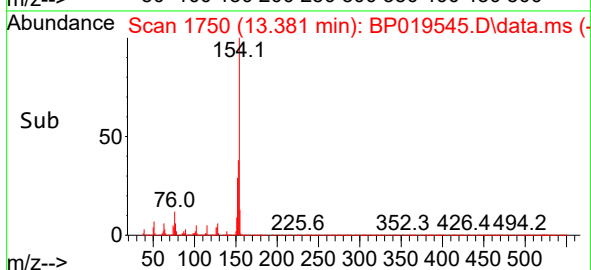
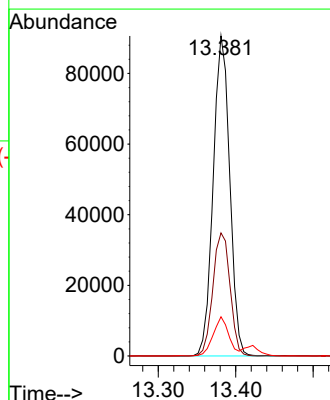
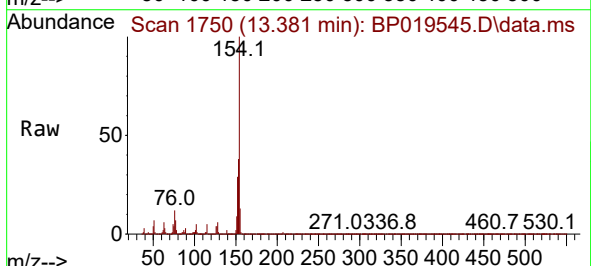
Tgt Ion:154 Resp: 134978

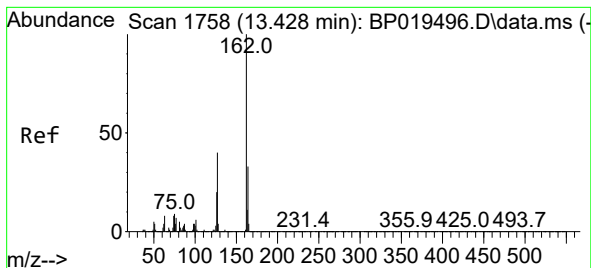
Ion Ratio Lower Upper

154 100

153 38.4 20.2 60.2

76 12.3 0.0 31.6





#47

2-Chloronaphthalene

Concen: 10.638 ng

RT: 13.422 min Scan# 1757

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

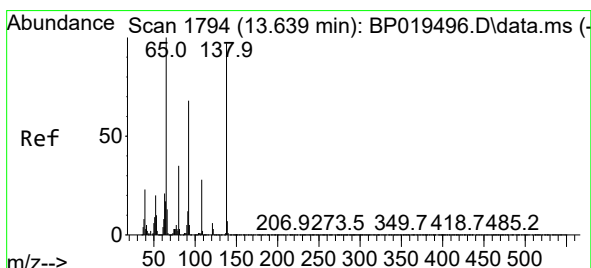
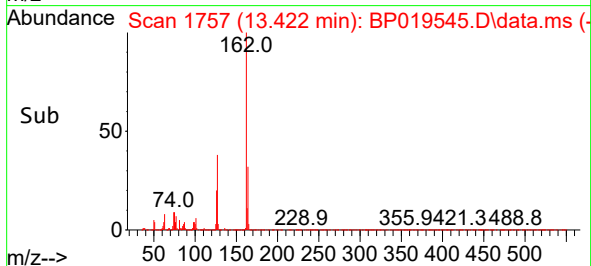
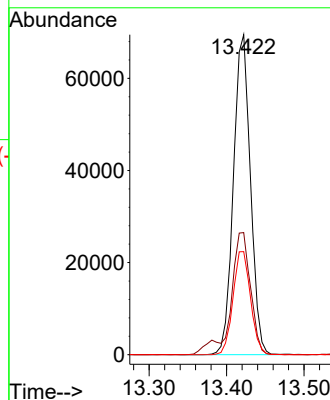
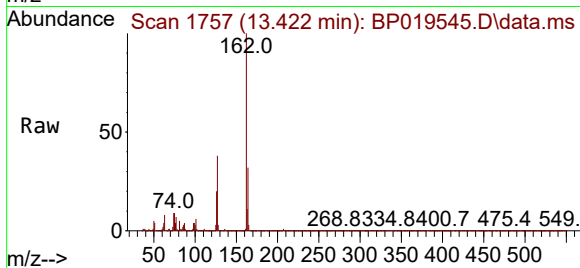
Tgt Ion:162 Resp: 106211

Ion Ratio Lower Upper

162 100

127 38.1 32.1 48.1

164 32.2 26.7 40.1



#48

2-Nitroaniline

Concen: 11.246 ng

RT: 13.634 min Scan# 1793

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

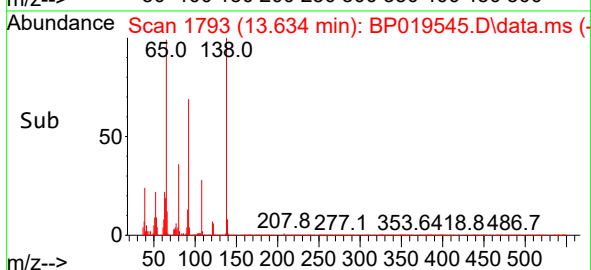
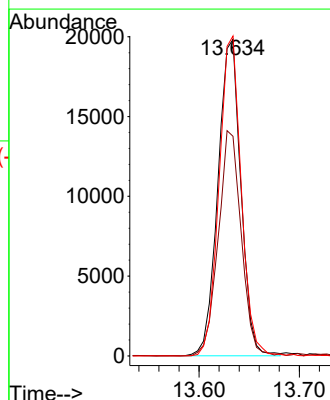
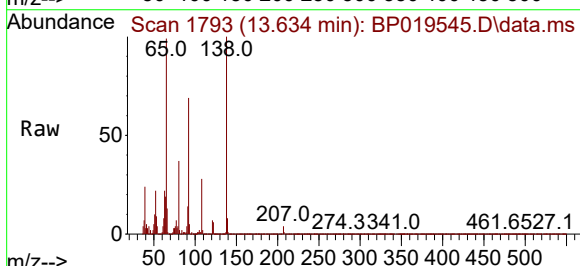
Tgt Ion: 65 Resp: 31397

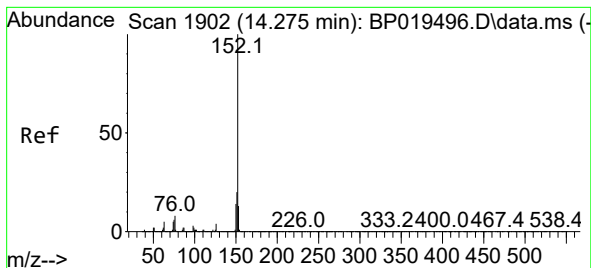
Ion Ratio Lower Upper

65 100

92 69.4 54.7 82.1

138 101.0 77.8 116.6





#49

Acenaphthylene

Concen: 12.565 ng

RT: 14.263 min Scan# 1902

Delta R.T. -0.011 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

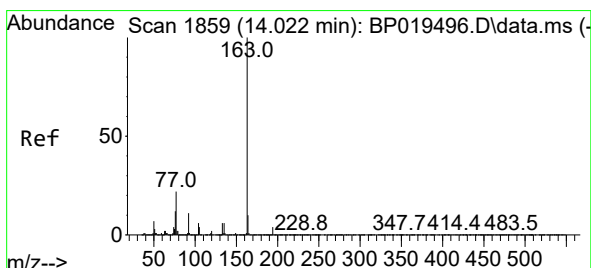
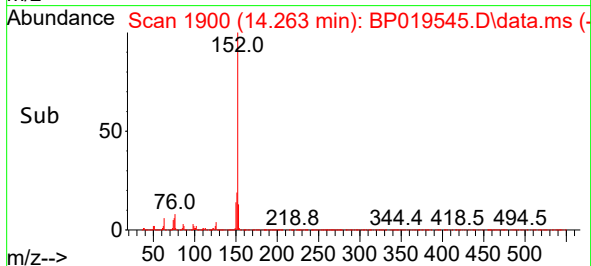
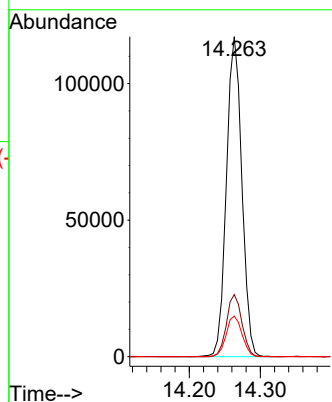
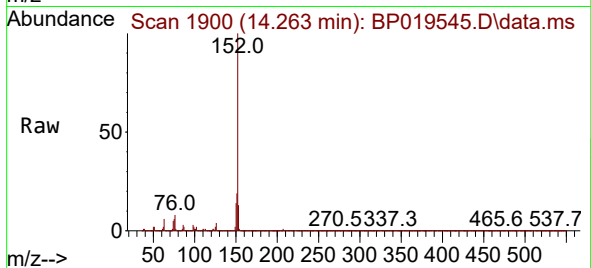
Tgt Ion:152 Resp: 175998

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

153 12.7 10.6 15.8



#50

Dimethylphthalate

Concen: 12.346 ng

RT: 14.010 min Scan# 1857

Delta R.T. -0.011 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

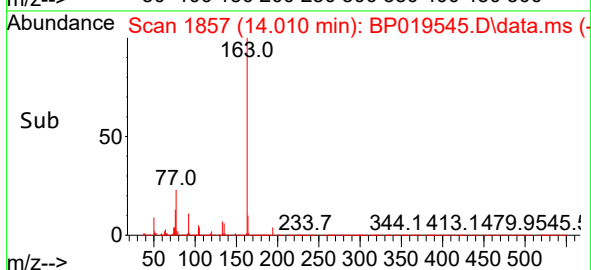
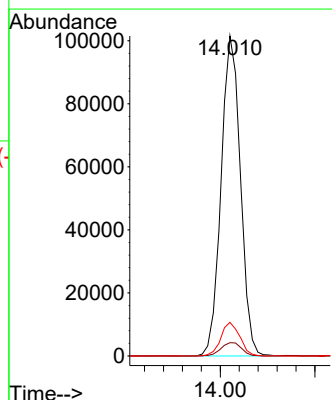
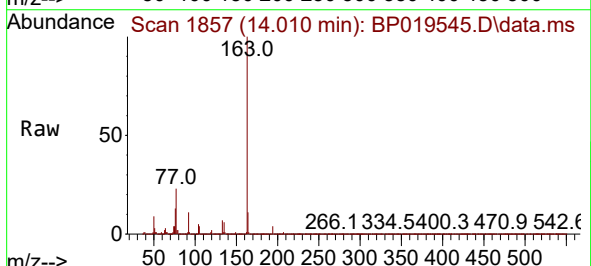
Tgt Ion:163 Resp: 144028

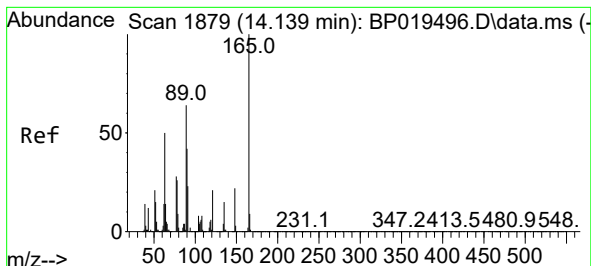
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.5 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 11.558 ng

RT: 14.134 min Scan# 1879

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

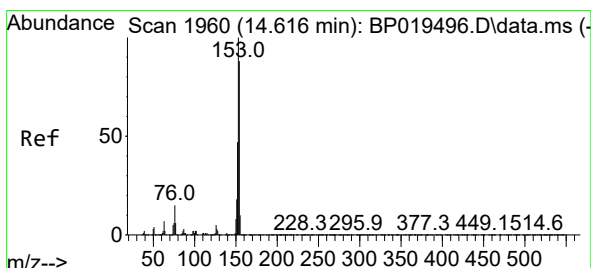
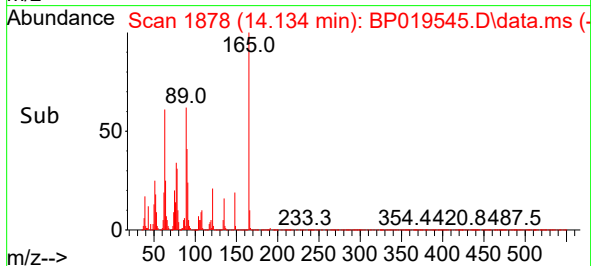
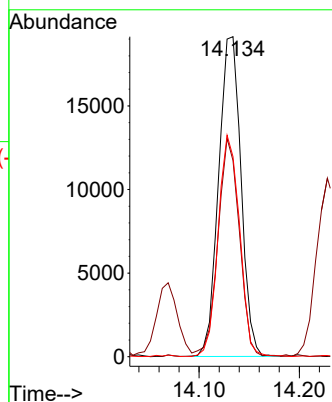
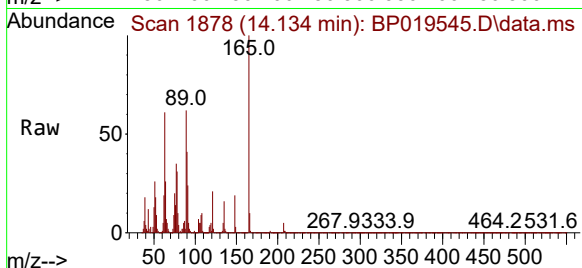
Tgt Ion:165 Resp: 29623

Ion Ratio Lower Upper

165 100

63 61.3 50.4 75.6

89 62.5 51.7 77.5



#52

Acenaphthene

Concen: 11.552 ng

RT: 14.604 min Scan# 1958

Delta R.T. -0.011 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

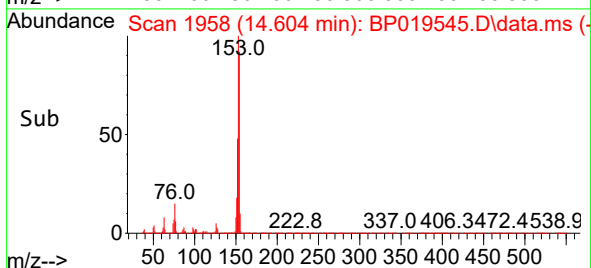
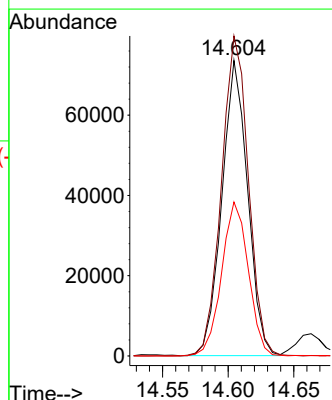
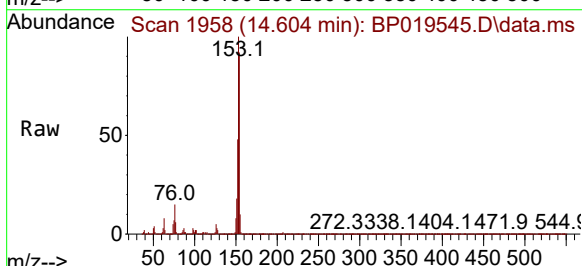
Tgt Ion:154 Resp: 100427

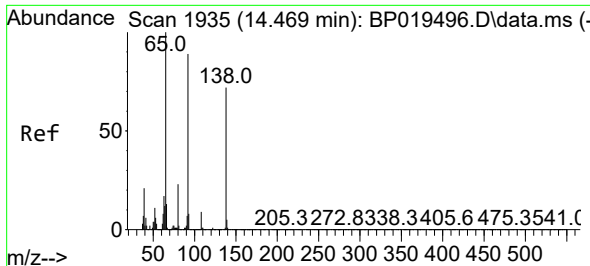
Ion Ratio Lower Upper

154 100

153 108.3 90.5 135.7

152 52.1 42.1 63.1

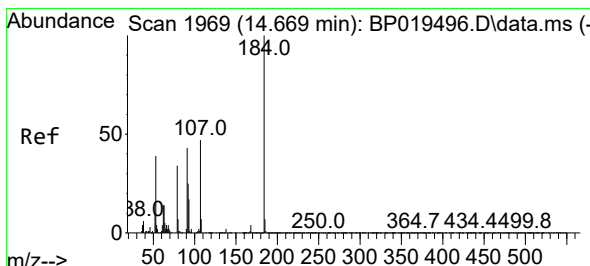
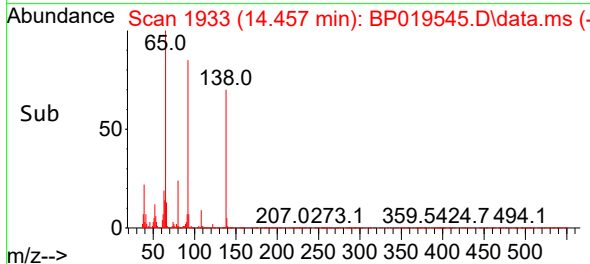
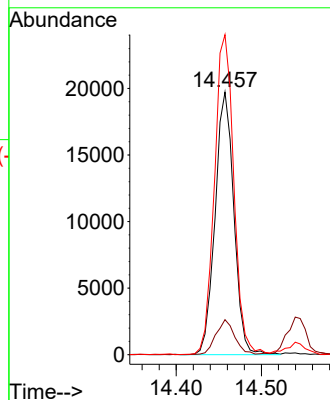
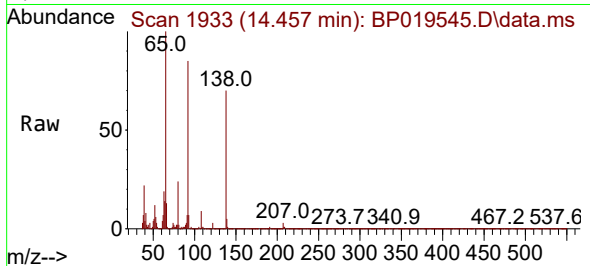




#53
3-Nitroaniline
Concen: 12.828 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

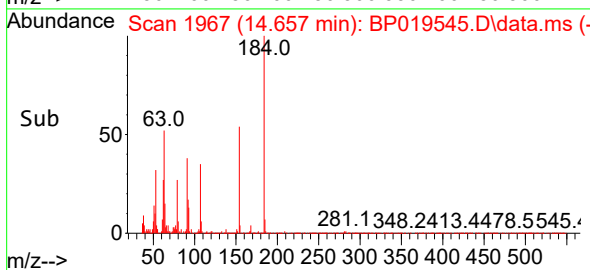
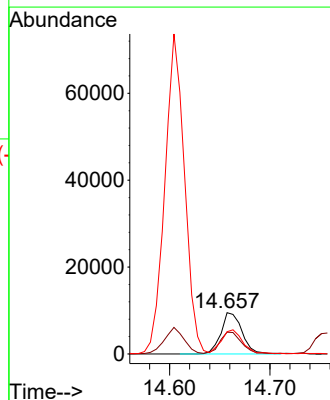
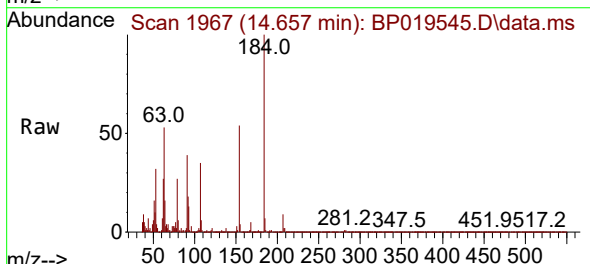
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

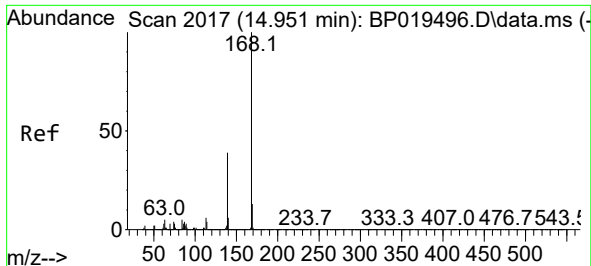
Tgt Ion:138 Resp: 30216
Ion Ratio Lower Upper
138 100
108 13.4 9.7 14.5
92 121.9 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 10.419 ng
RT: 14.657 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion:184 Resp: 13865
Ion Ratio Lower Upper
184 100
63 52.7 50.5 75.7
154 54.1 53.4 80.0

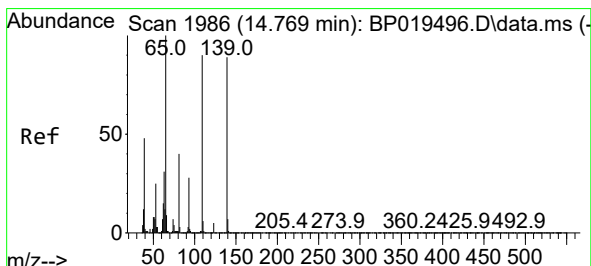
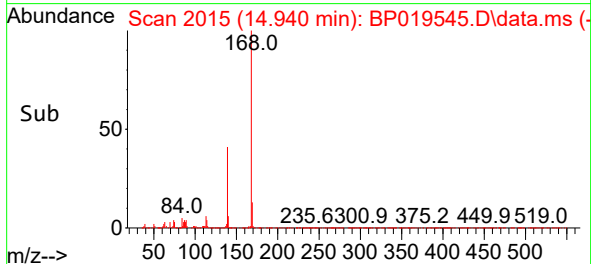
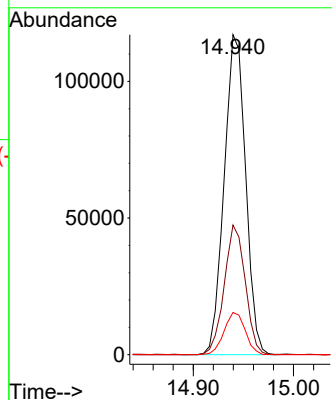
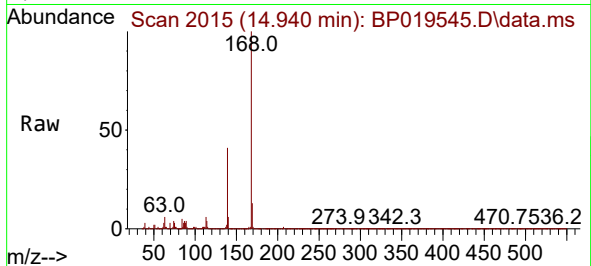




#55
Dibenzenofuran
Concen: 12.264 ng
RT: 14.940 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

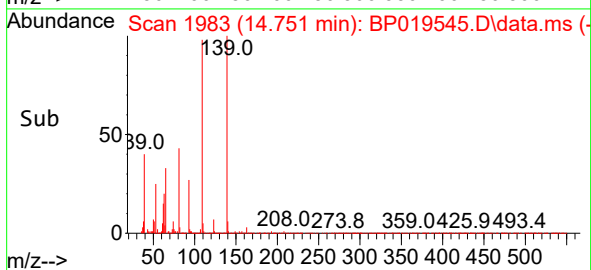
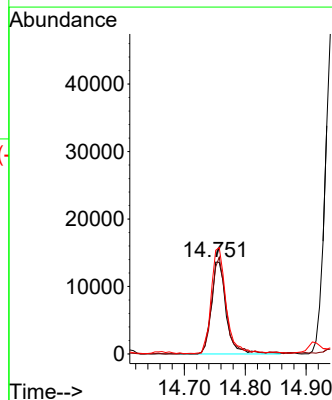
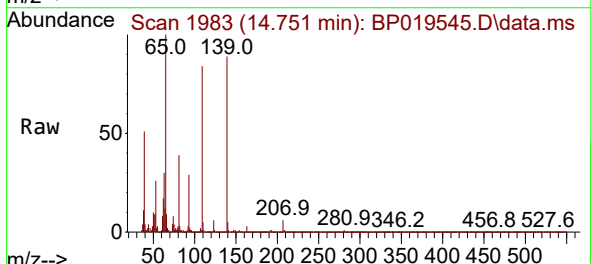
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

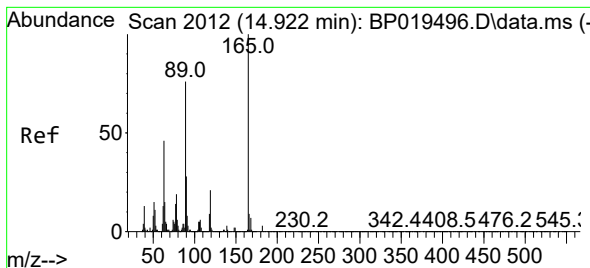
Tgt Ion:168 Resp: 173651
Ion Ratio Lower Upper
168 100
139 40.5 31.5 47.3
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 11.989 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.017 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion:139 Resp: 23145
Ion Ratio Lower Upper
139 100
109 95.0 82.0 122.0
65 112.9 92.9 132.9





#57

2,4-Dinitrotoluene

Concen: 11.903 ng

RT: 14.916 min Scan# 2012

Delta R.T. -0.005 min

Lab File: BP019545.D

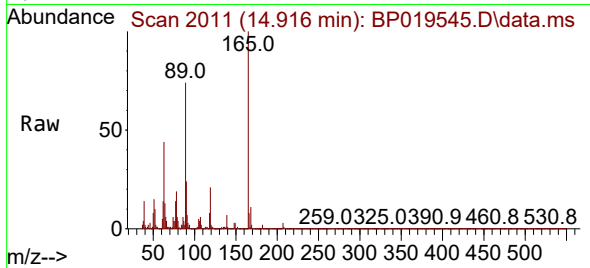
Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



Tgt Ion:165 Resp: 39978

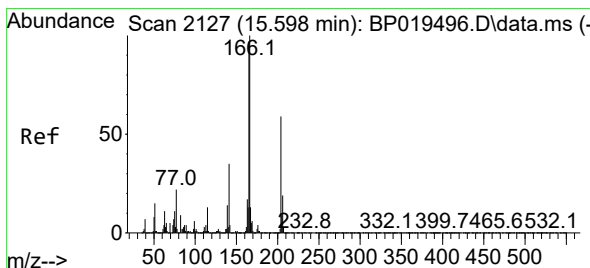
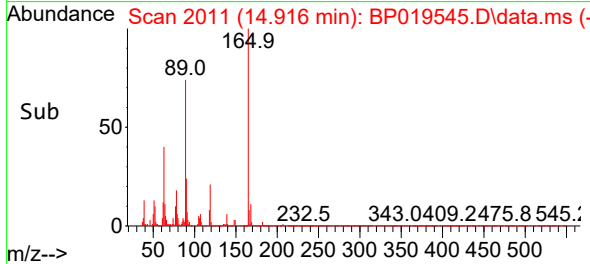
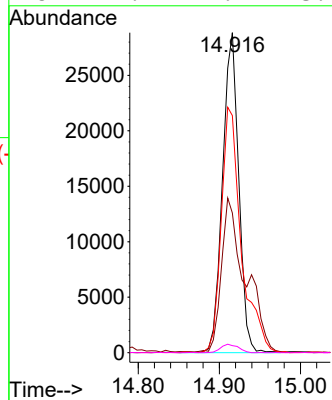
Ion Ratio Lower Upper

165 100

63 43.6 36.9 55.3

89 74.1 61.1 91.7

182 2.2 2.2 3.2



#58

Fluorene

Concen: 12.539 ng

RT: 15.593 min Scan# 2126

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

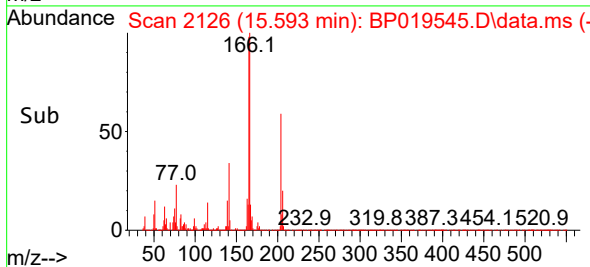
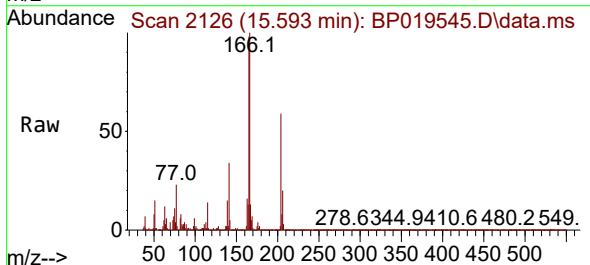
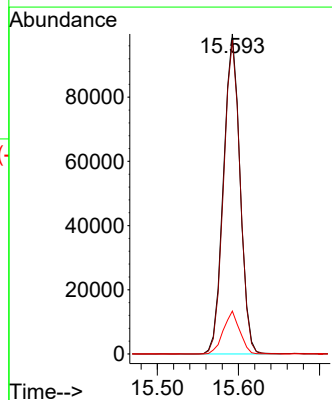
Tgt Ion:166 Resp: 141412

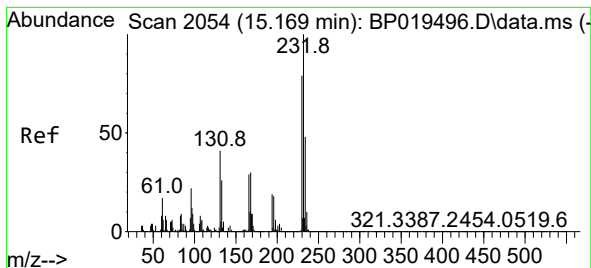
Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

167 13.4 10.7 16.1

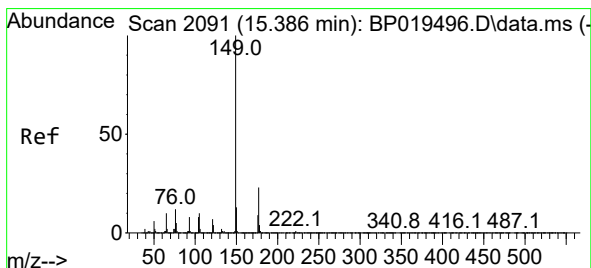
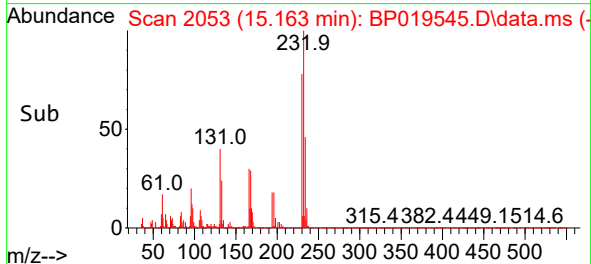
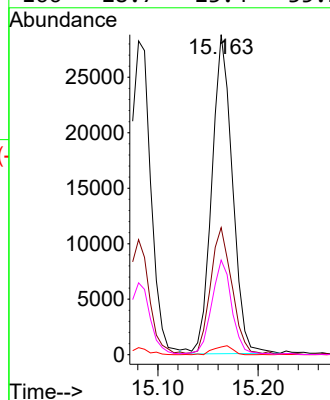
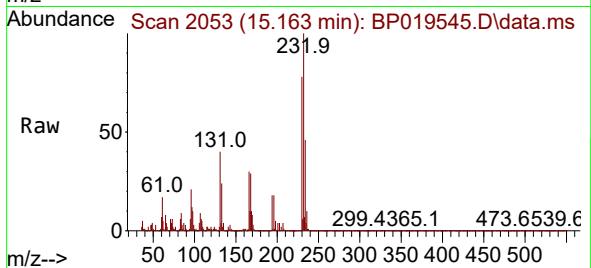




#59
2,3,4,6-Tetrachlorophenol
Concen: 12.490 ng
RT: 15.163 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

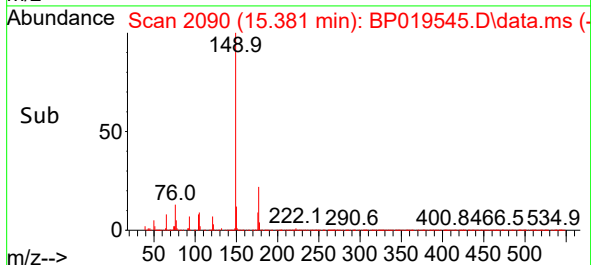
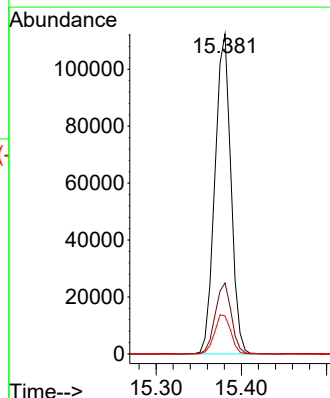
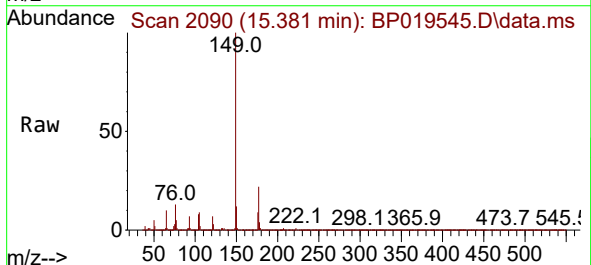
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

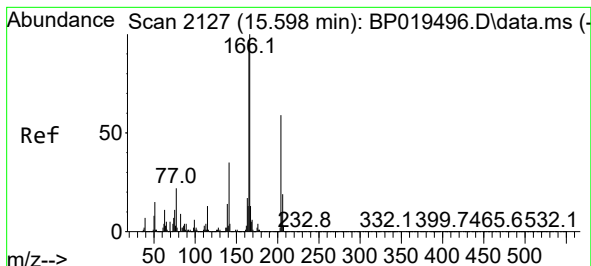
Tgt Ion:	232	Resp:	41053
Ion	Ratio	Lower	Upper
232	100		
131	41.3	32.4	48.6
130	2.6	1.9	2.9
166	28.7	23.4	35.2



#60
Diethylphthalate
Concen: 12.613 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion:	149	Resp:	146354
Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.2
150	11.9	10.2	15.4

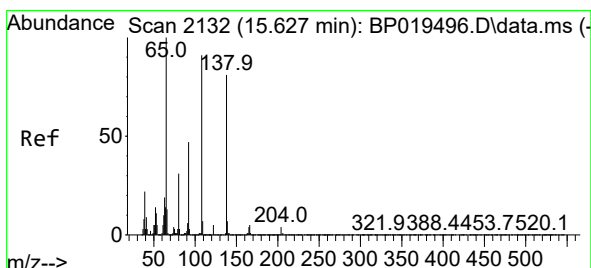
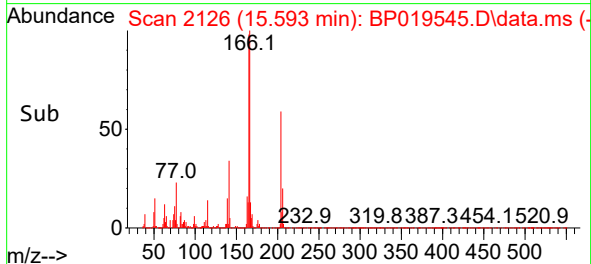
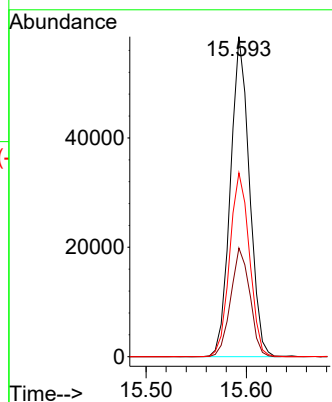
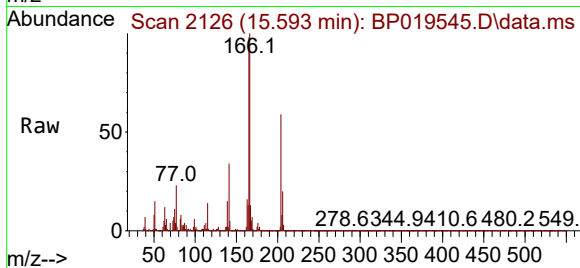




#61
4-Chlorophenyl-phenylether
Concen: 12.165 ng
RT: 15.593 min Scan# 2127
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

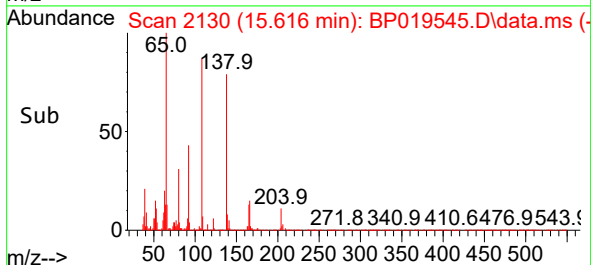
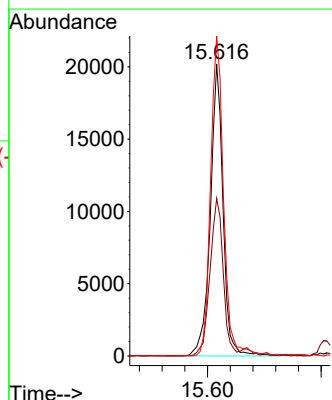
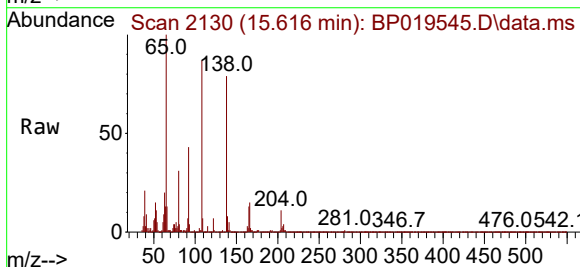
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

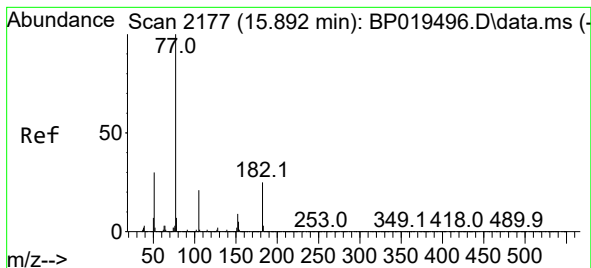
Tgt Ion:204 Resp: 77107
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 57.5 48.5 72.7



#62
4-Nitroaniline
Concen: 12.675 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion:138 Resp: 31293
Ion Ratio Lower Upper
138 100
92 54.0 38.3 78.3
108 109.6 91.2 131.2





#63

Azobenzene

Concen: 12.283 ng

RT: 15.887 min Scan# 2177

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 77 Resp: 137818

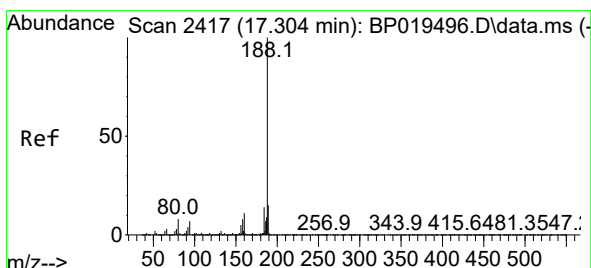
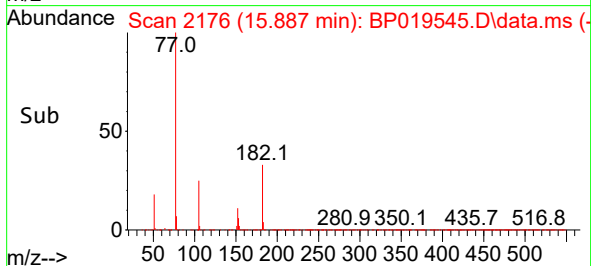
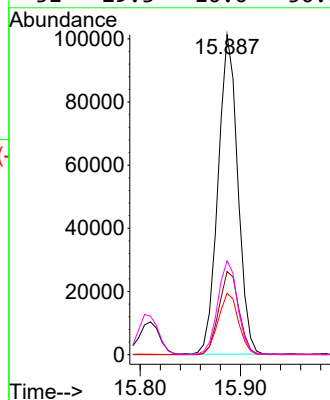
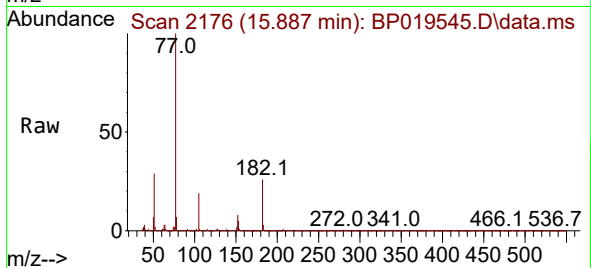
Ion Ratio Lower Upper

77 100

182 26.0 5.1 45.1

105 19.2 0.8 40.8

51 29.3 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

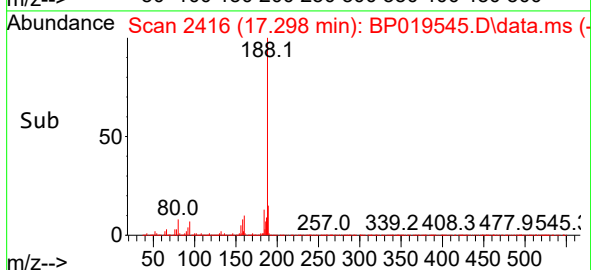
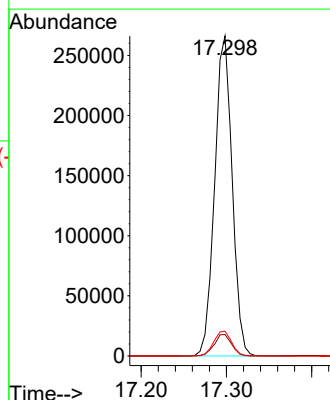
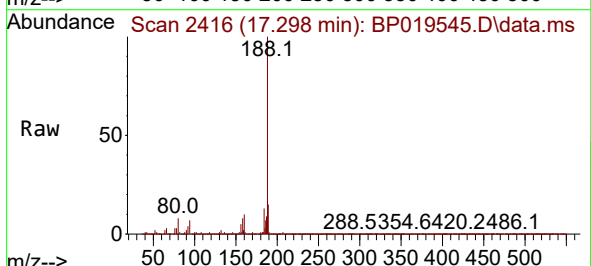
Tgt Ion: 188 Resp: 378871

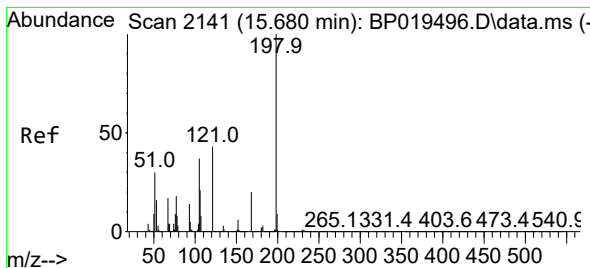
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.7 6.3 9.5

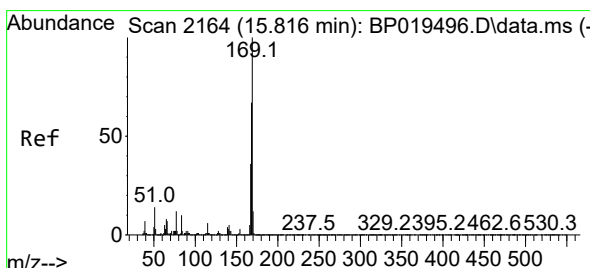
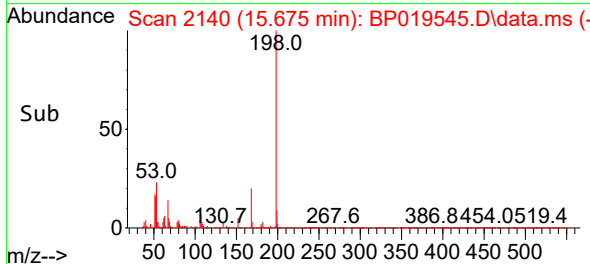
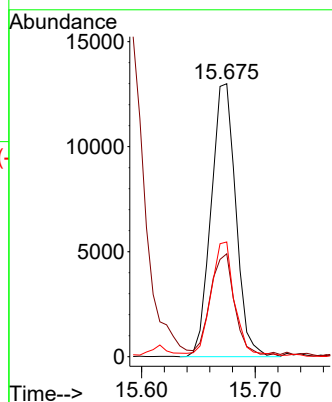
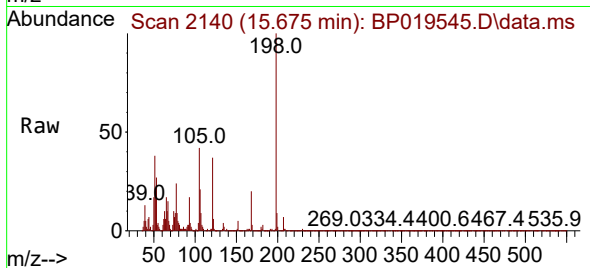




#65
4,6-Dinitro-2-methylphenol
Concen: 9.089 ng
RT: 15.675 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

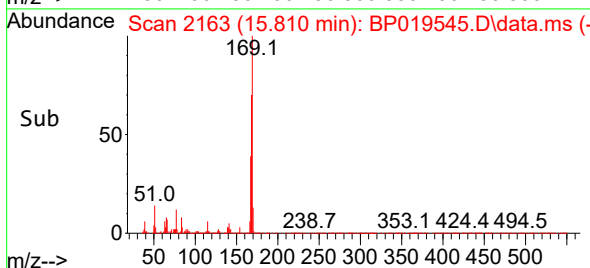
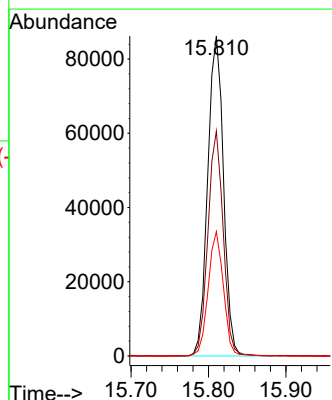
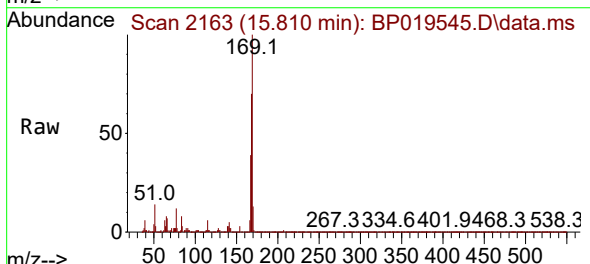
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

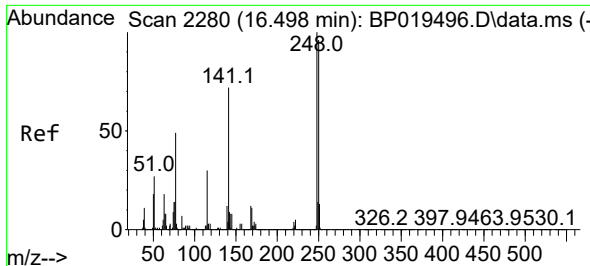
Tgt Ion:198 Resp: 19635
Ion Ratio Lower Upper
198 100
51 37.7 21.2 61.2
105 42.0 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 10.738 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion:169 Resp: 121842
Ion Ratio Lower Upper
169 100
168 70.3 53.4 80.2
167 38.9 28.9 43.3

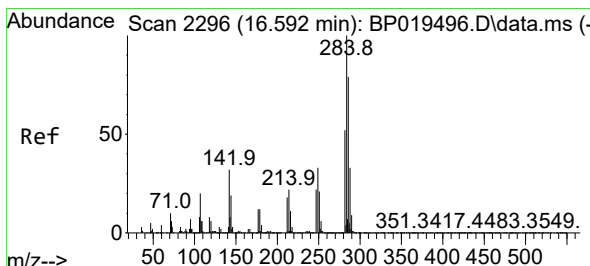
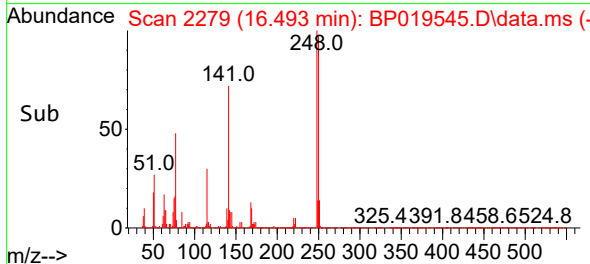
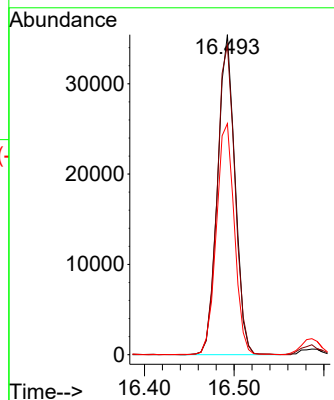
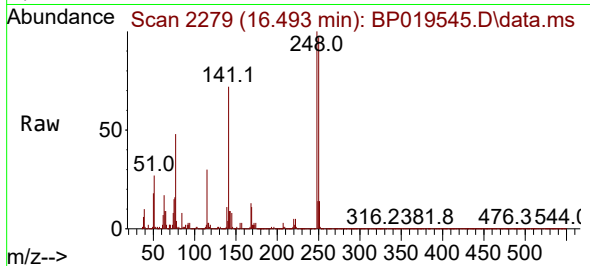




#67
4-Bromophenyl-phenylether
Concen: 10.081 ng
RT: 16.493 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

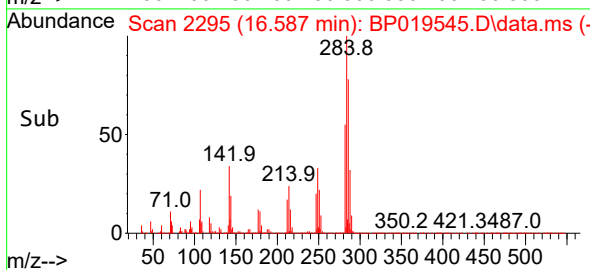
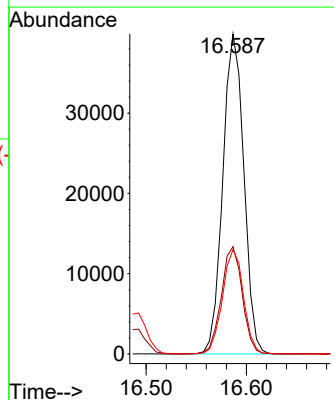
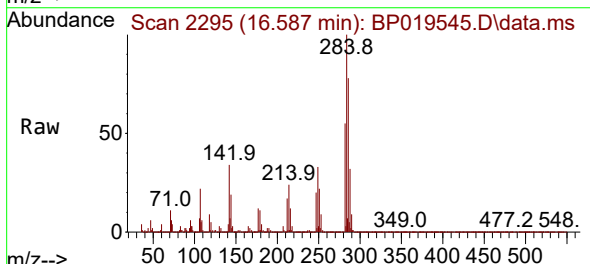
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

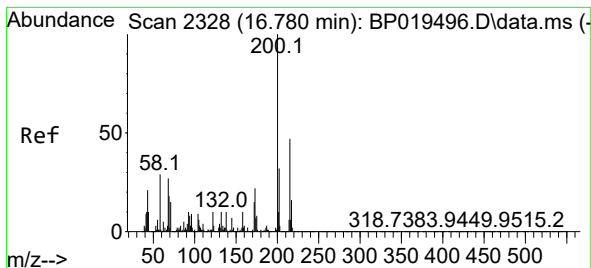
Tgt Ion:248 Resp: 47746
Ion Ratio Lower Upper
248 100
250 96.8 76.9 115.3
141 72.2 58.0 87.0



#68
Hexachlorobenzene
Concen: 10.480 ng
RT: 16.587 min Scan# 2295
Delta R.T. -0.005 min
Lab File: BP019545.D
Acq: 03 Feb 2024 01:15

Tgt Ion:284 Resp: 57966
Ion Ratio Lower Upper
284 100
142 33.6 25.4 38.2
249 32.6 26.5 39.7





#69

Atrazine

Concen: 13.911 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

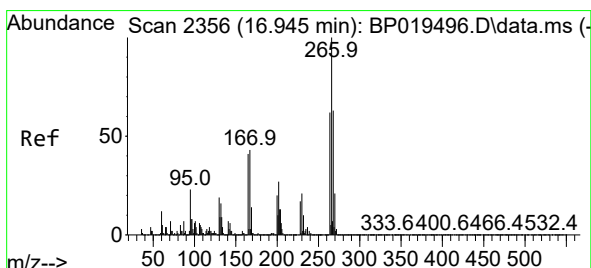
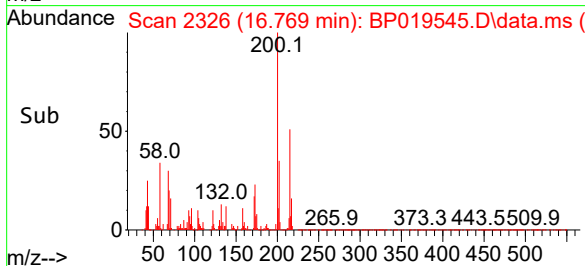
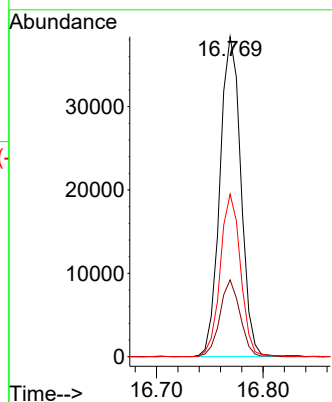
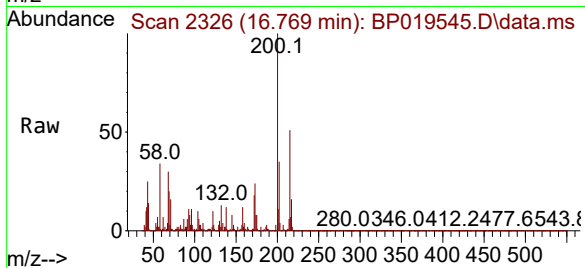
Tgt Ion:200 Resp: 52378

Ion Ratio Lower Upper

200 100

173 24.0 1.7 41.7

215 50.8 26.9 66.9



#70

Pentachlorophenol

Concen: 9.432 ng

RT: 16.940 min Scan# 2355

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

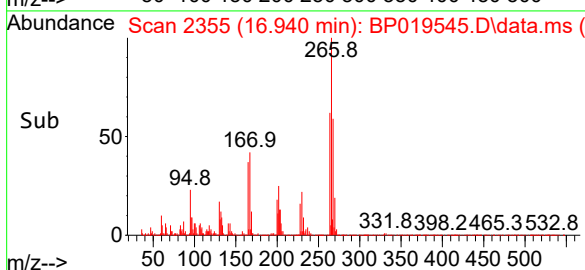
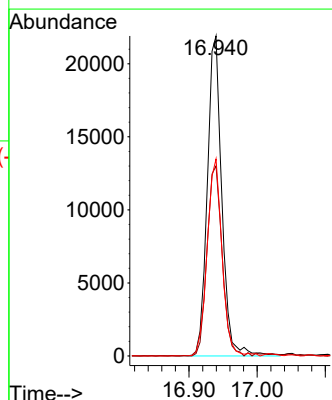
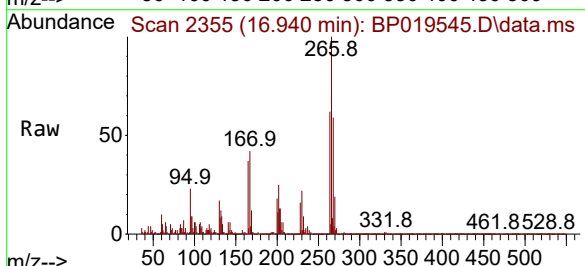
Tgt Ion:266 Resp: 32487

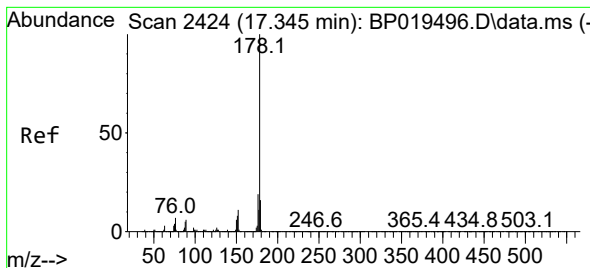
Ion Ratio Lower Upper

266 100

268 59.4 50.3 75.5

264 61.5 49.7 74.5





#71

Phenanthrene

Concen: 11.756 ng

RT: 17.340 min Scan# 2424

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

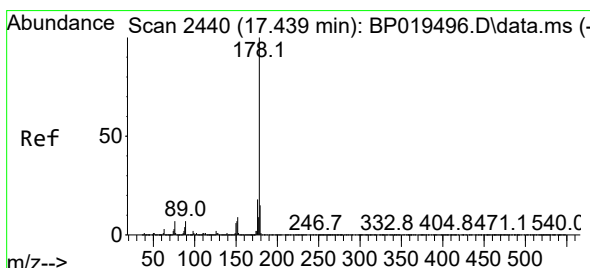
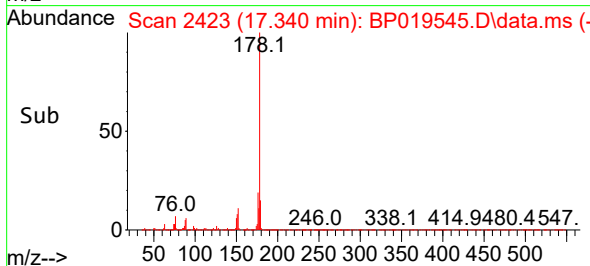
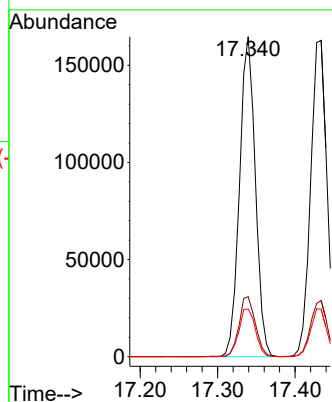
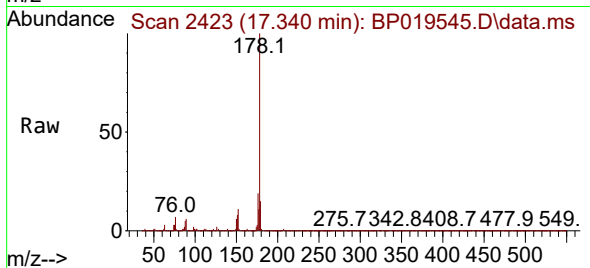
Tgt Ion:178 Resp: 234392

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

179 14.9 12.6 19.0



#72

Anthracene

Concen: 11.990 ng

RT: 17.434 min Scan# 2439

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

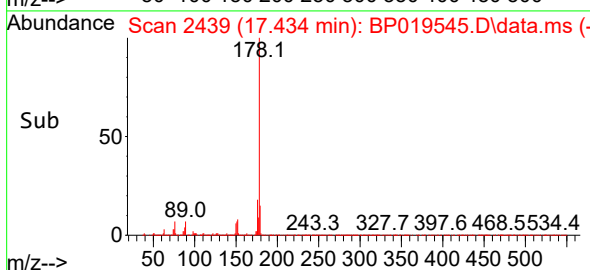
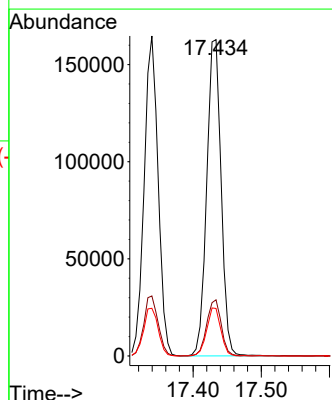
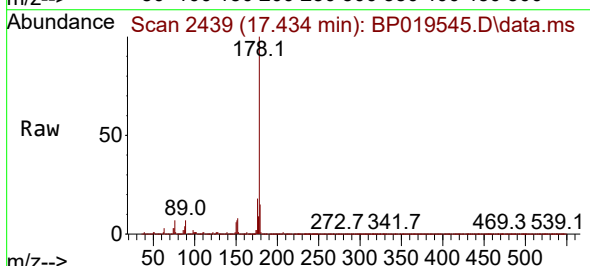
Tgt Ion:178 Resp: 238484

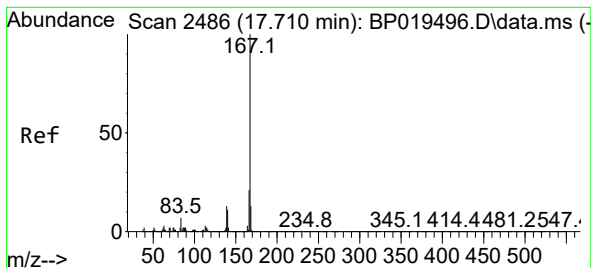
Ion Ratio Lower Upper

178 100

176 17.7 14.7 22.1

179 15.0 12.2 18.2





#73

Carbazole

Concen: 11.711 ng

RT: 17.704 min Scan# 2486

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

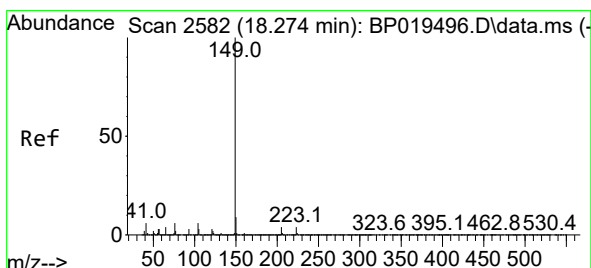
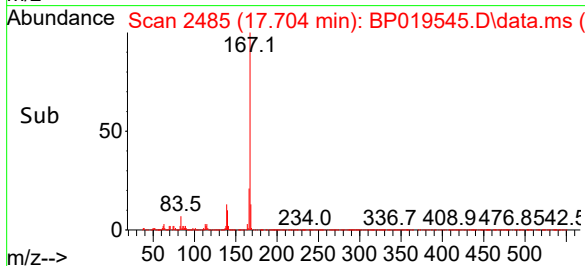
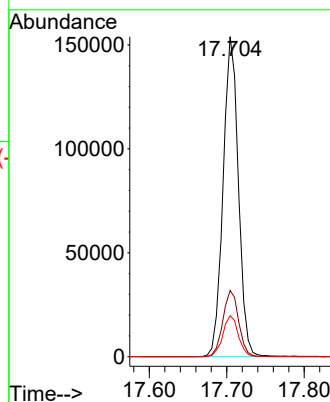
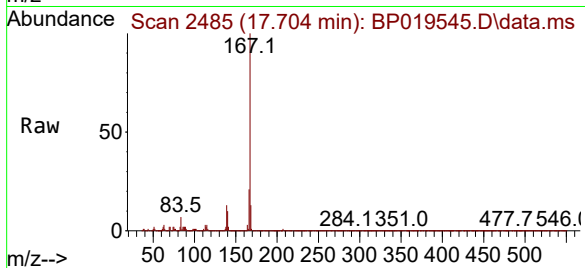
Tgt Ion:167 Resp: 211604

Ion Ratio Lower Upper

167 100

166 20.7 17.2 25.8

139 12.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 11.136 ng

RT: 18.269 min Scan# 2581

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

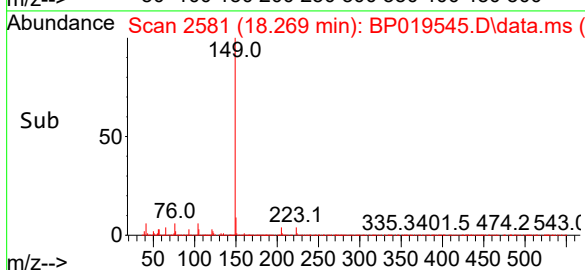
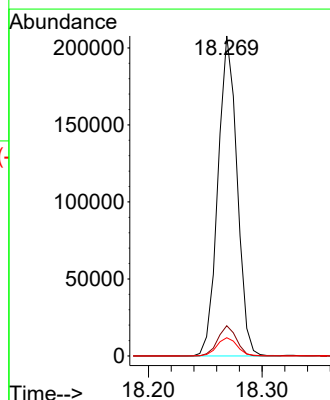
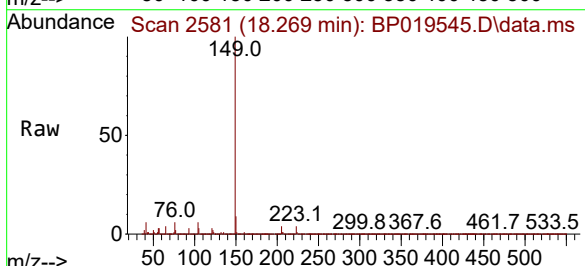
Tgt Ion:149 Resp: 243303

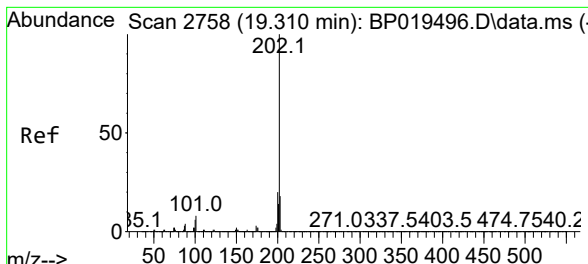
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.7 4.8 7.2



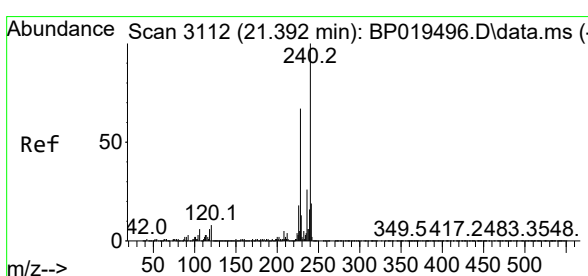
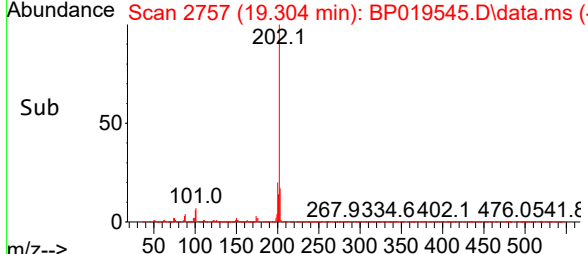
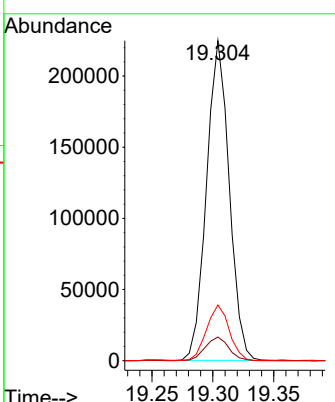
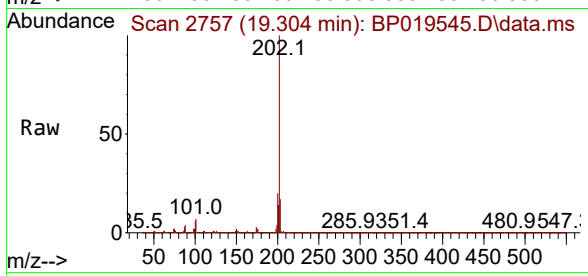


#75
 Fluoranthene
 Concen: 11.967 ng
 RT: 19.304 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BP019545.D
 Acq: 03 Feb 2024 01:15

Instrument : BNA_P
 ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 202 Resp: 291489

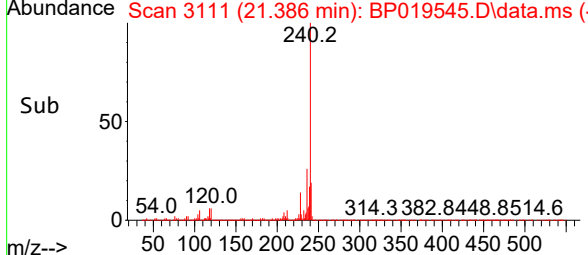
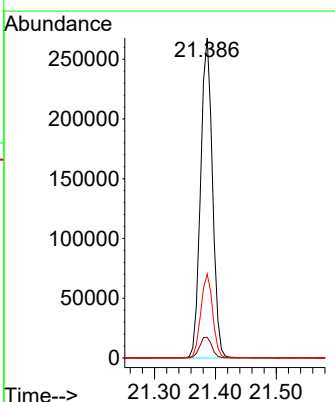
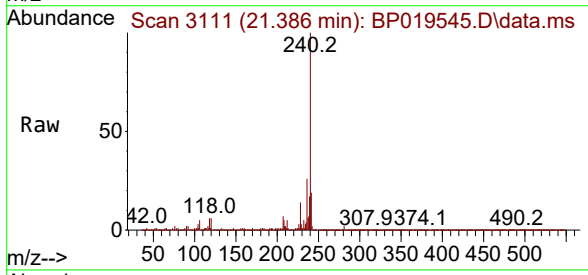
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.7
203	17.4	0.0	37.5

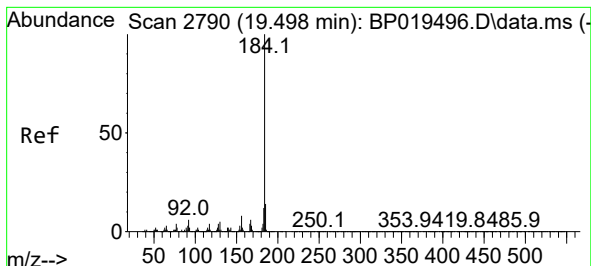


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.005 min
 Lab File: BP019545.D
 Acq: 03 Feb 2024 01:15

Tgt Ion: 240 Resp: 361722

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.1	9.1
236	26.2	20.7	31.1





#77

Benzidine

Concen: 19.672 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

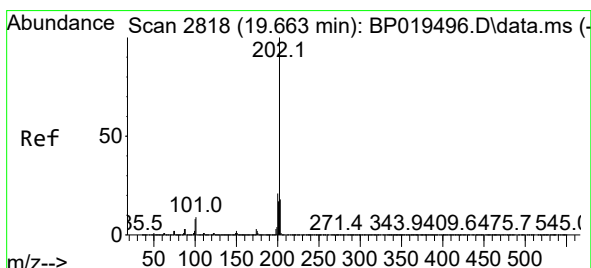
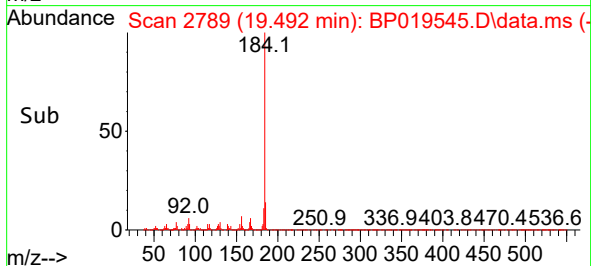
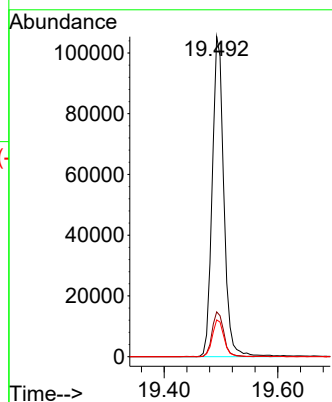
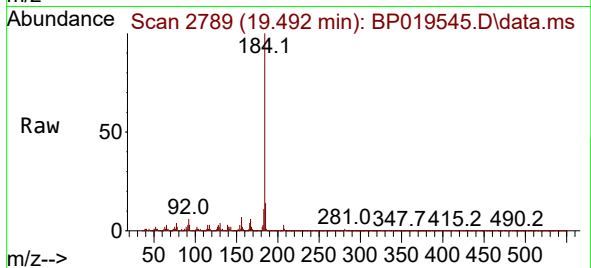
Tgt Ion:184 Resp: 148764

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

183 11.5 9.7 14.5



#78

Pyrene

Concen: 11.895 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

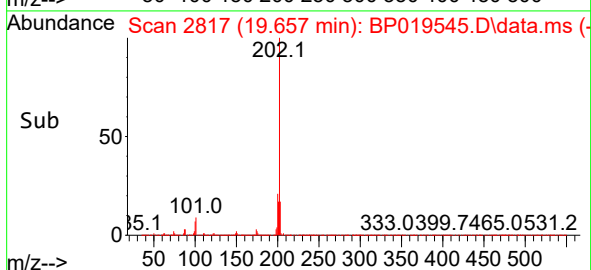
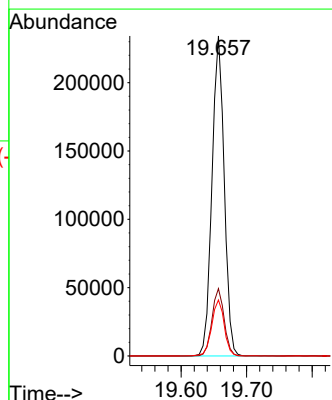
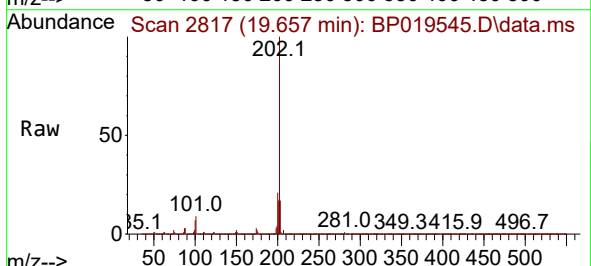
Tgt Ion:202 Resp: 303655

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 129.509 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

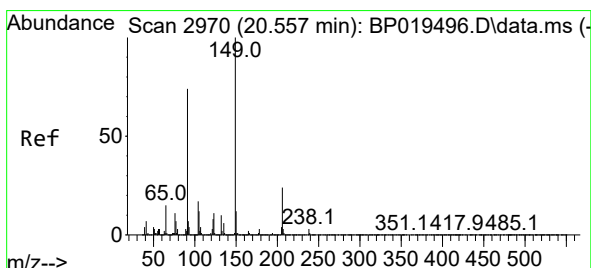
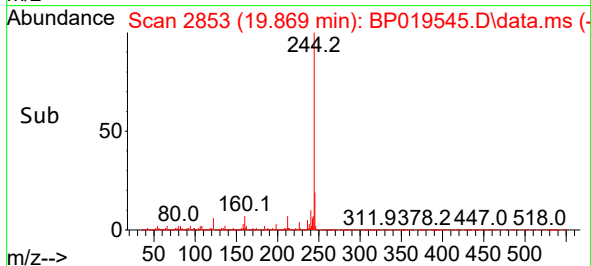
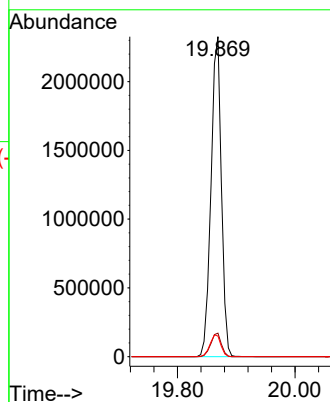
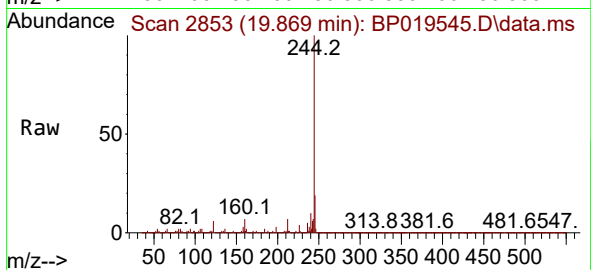
Tgt Ion:244 Resp: 2848581

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.5 5.9 8.9



#80

Butylbenzylphthalate

Concen: 10.553 ng

RT: 20.551 min Scan# 2969

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

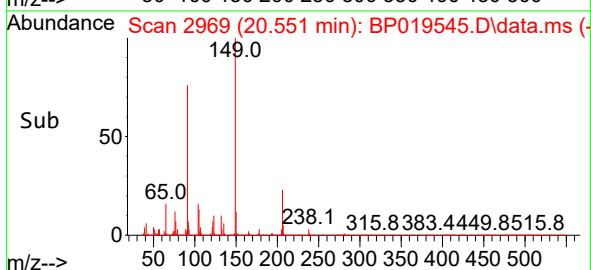
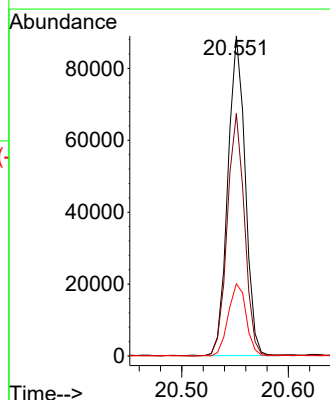
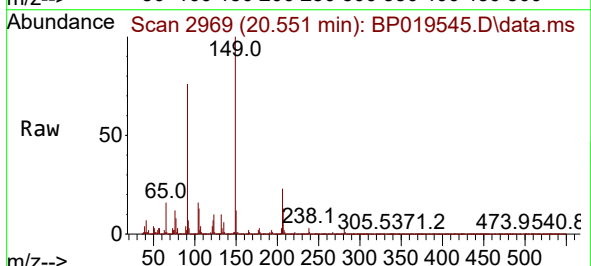
Tgt Ion:149 Resp: 100612

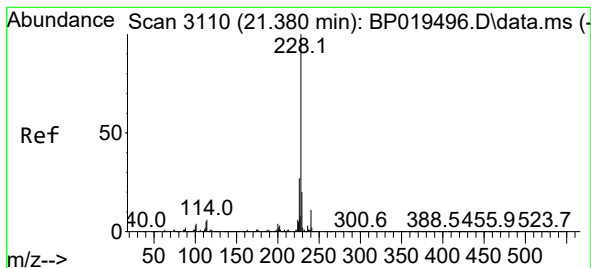
Ion Ratio Lower Upper

149 100

91 75.8 59.4 89.0

206 22.6 19.0 28.6





#81

Benzo(a)anthracene

Concen: 11.540 ng

RT: 21.369 min Scan# 3110

Delta R.T. -0.011 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

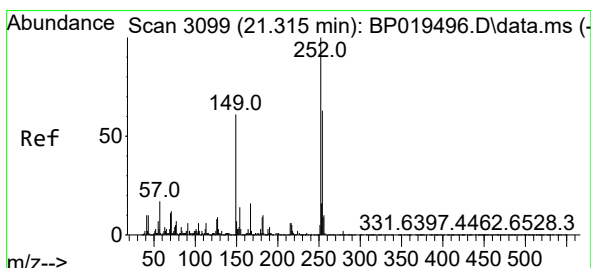
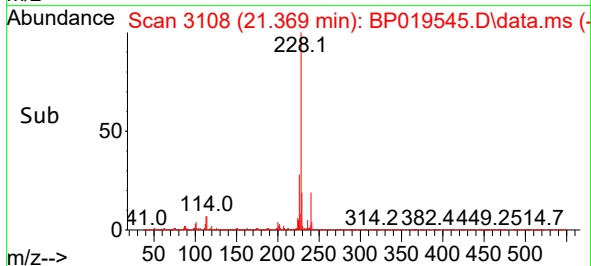
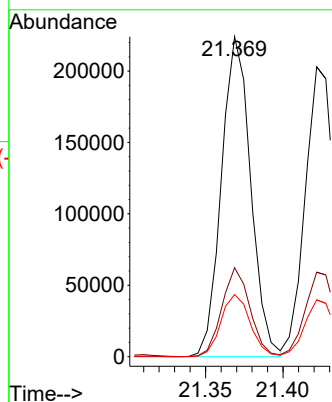
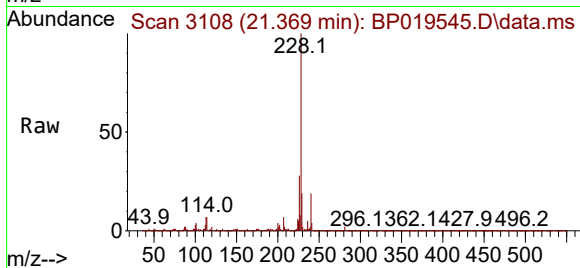
Tgt Ion:228 Resp: 293846

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 11.192 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

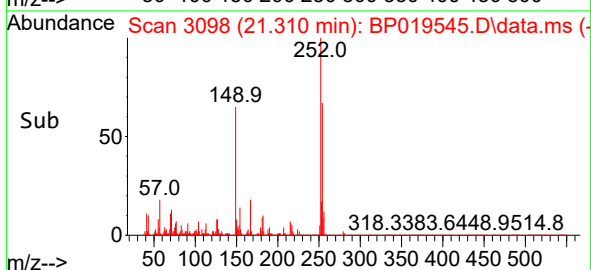
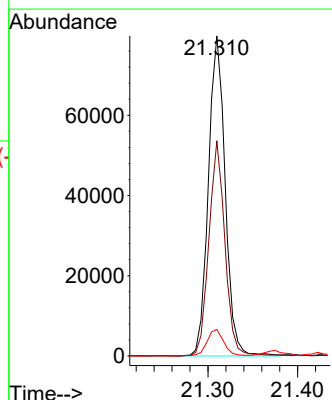
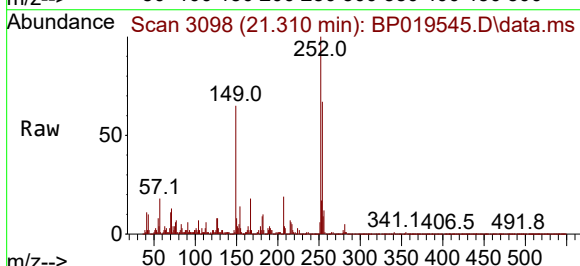
Tgt Ion:252 Resp: 103850

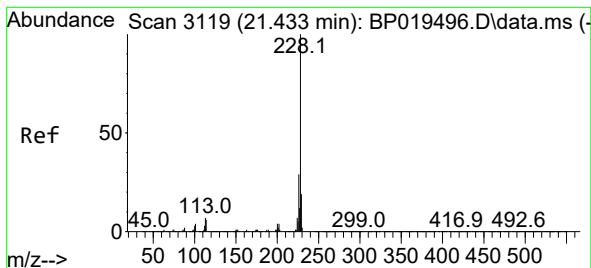
Ion Ratio Lower Upper

252 100

254 67.3 50.7 76.1

126 8.3 6.4 9.6





#83

Chrysene

Concen: 11.145 ng

RT: 21.422 min Scan# 3119

Delta R.T. -0.011 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

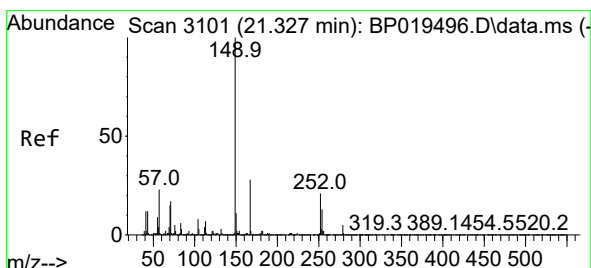
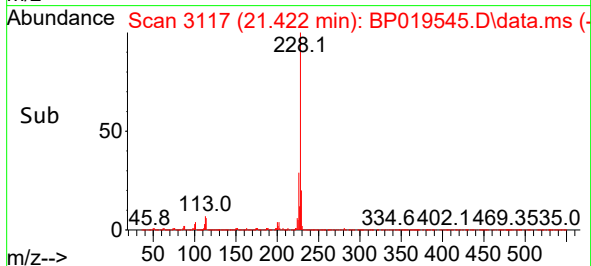
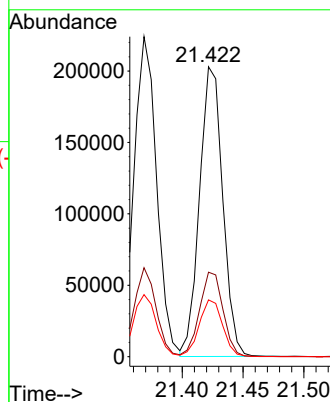
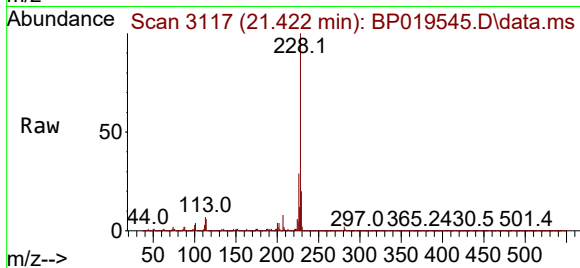
Tgt Ion:228 Resp: 269422

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.968 ng

RT: 21.322 min Scan# 3100

Delta R.T. -0.005 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

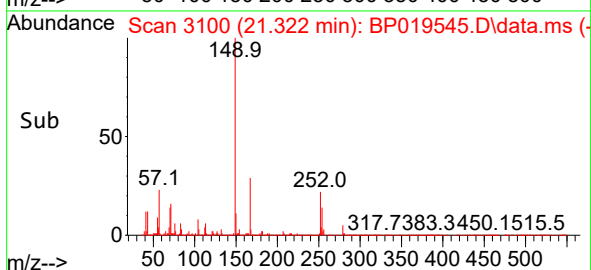
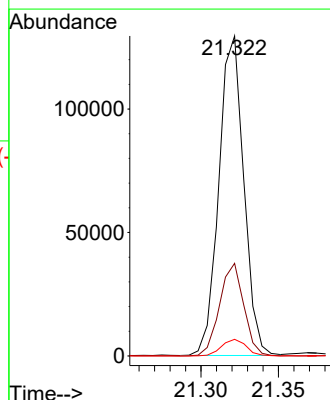
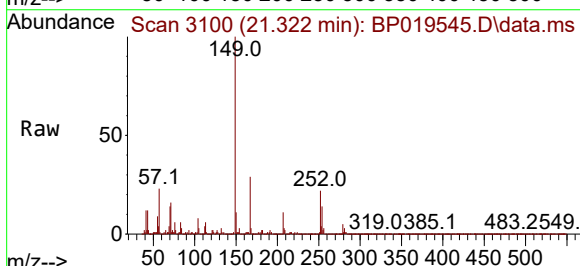
Tgt Ion:149 Resp: 144708

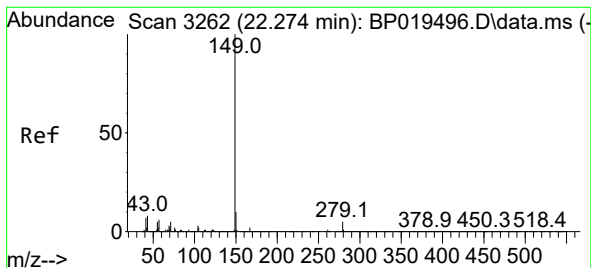
Ion Ratio Lower Upper

149 100

167 29.0 22.7 34.1

279 5.2 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 8.503 ng

RT: 22.263 min Scan# 31

Delta R.T. -0.011 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

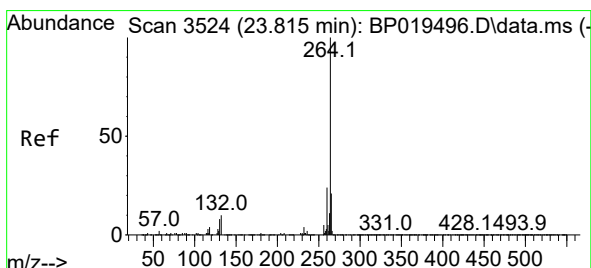
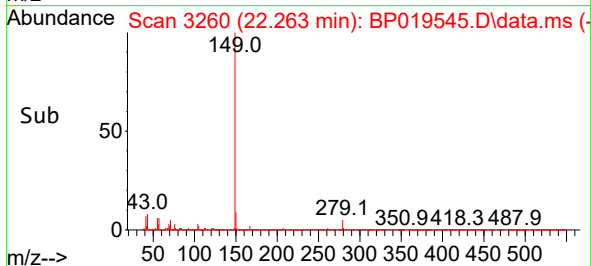
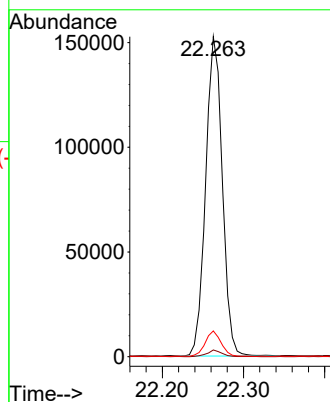
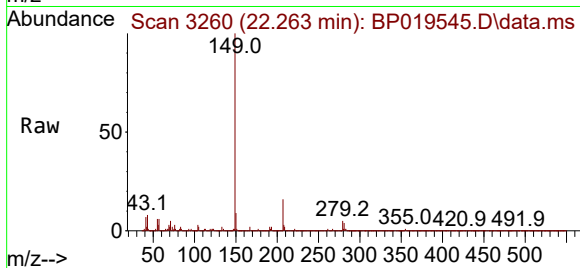
Tgt Ion:149 Resp: 217197

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 7.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.011 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

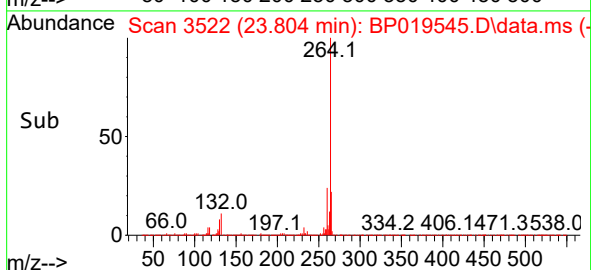
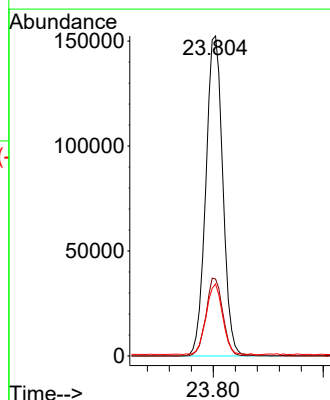
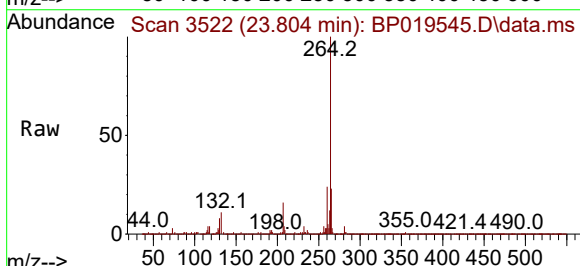
Tgt Ion:264 Resp: 326889

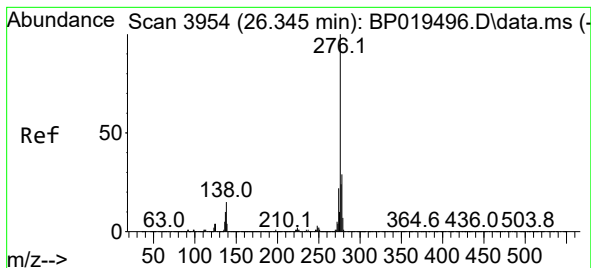
Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.820 ng

RT: 26.327 min Scan# 3951

Delta R.T. -0.017 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

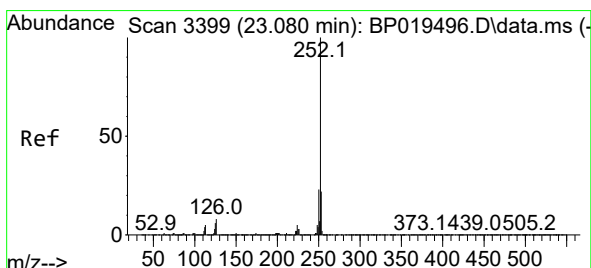
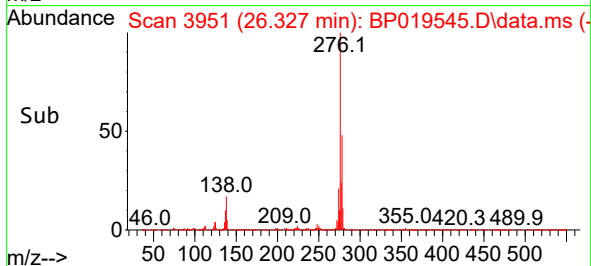
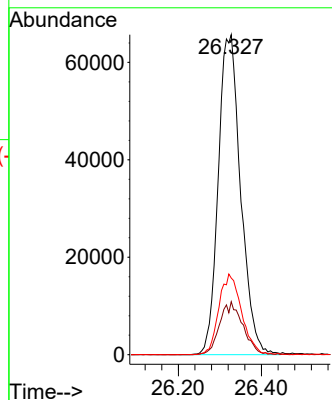
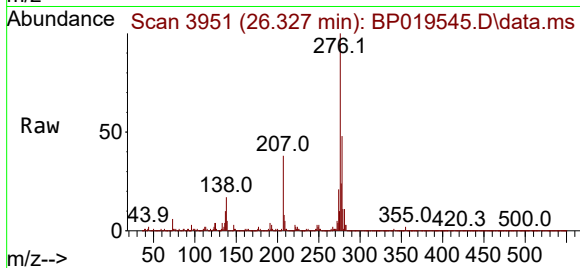
Tgt Ion:276 Resp: 245708

Ion Ratio Lower Upper

276 100

138 7.5 13.1 19.7#

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 11.746 ng

RT: 23.063 min Scan# 3396

Delta R.T. -0.017 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

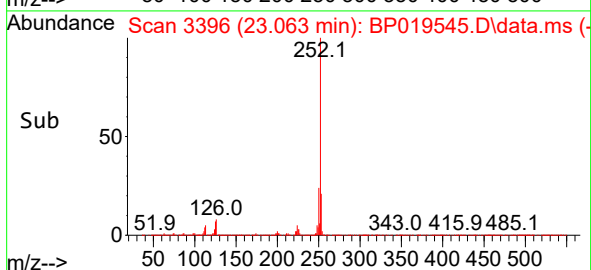
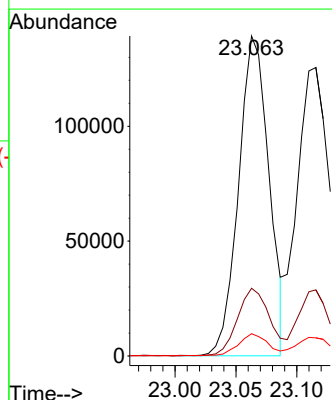
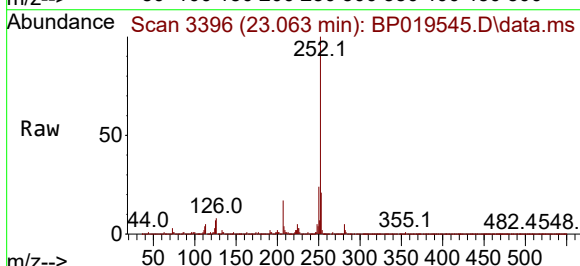
Tgt Ion:252 Resp: 241994

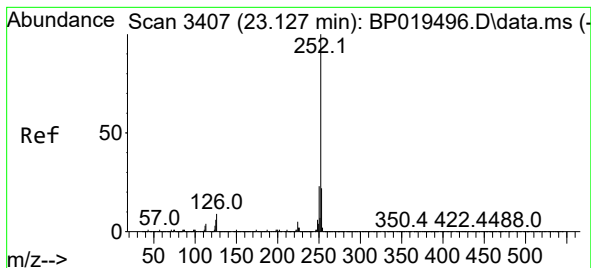
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 7.0 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 12.120 ng

RT: 23.116 min Scan# 34

Delta R.T. -0.011 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

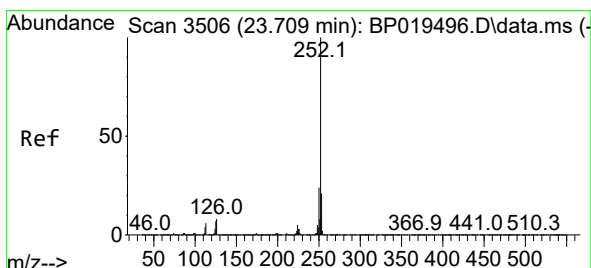
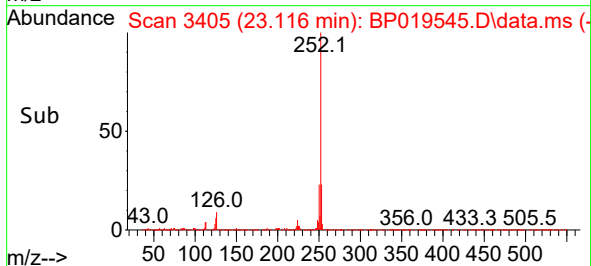
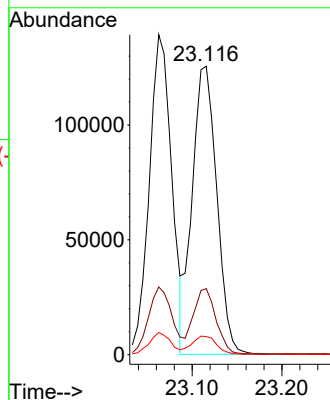
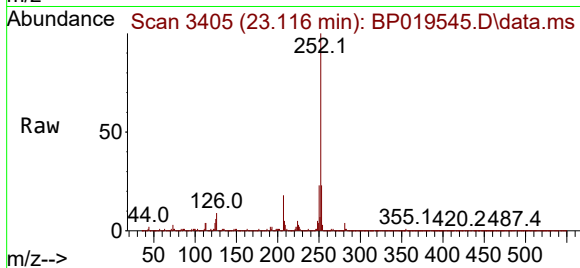
Tgt Ion:252 Resp: 238530

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

125 6.3 5.0 7.6



#90

Benzo(a)pyrene

Concen: 11.142 ng

RT: 23.692 min Scan# 3503

Delta R.T. -0.017 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

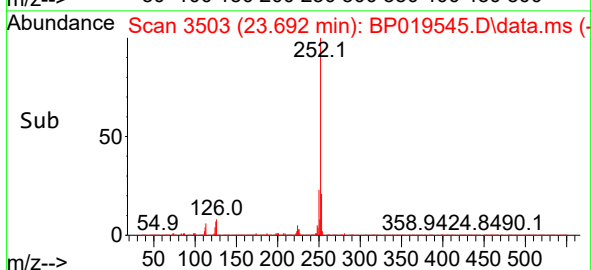
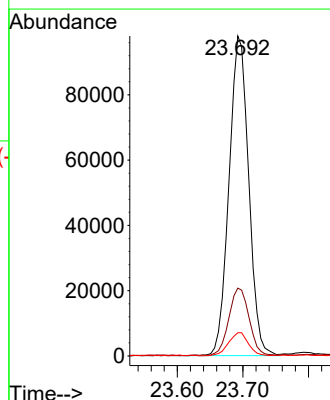
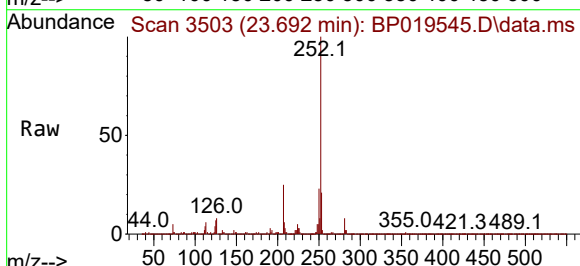
Tgt Ion:252 Resp: 204239

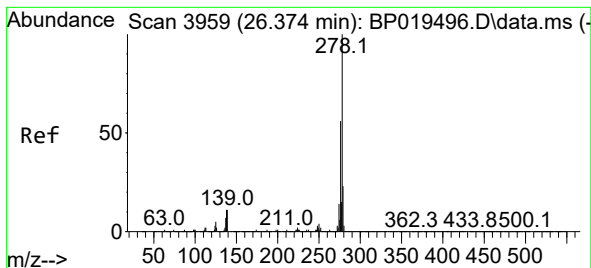
Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 7.2 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 10.007 ng

RT: 26.351 min Scan# 3955

Delta R.T. -0.023 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

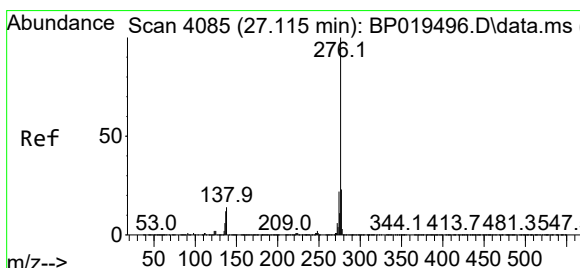
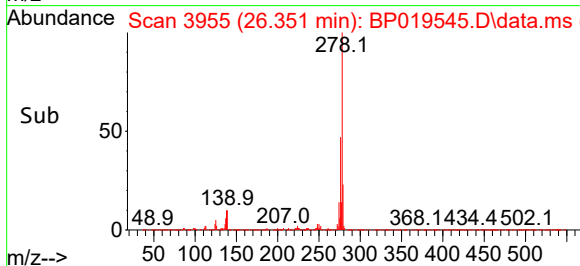
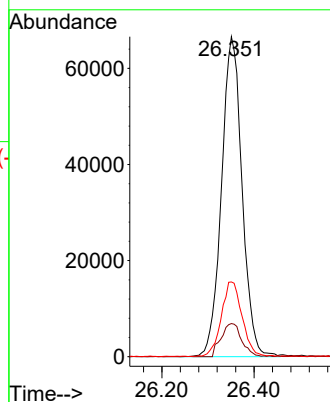
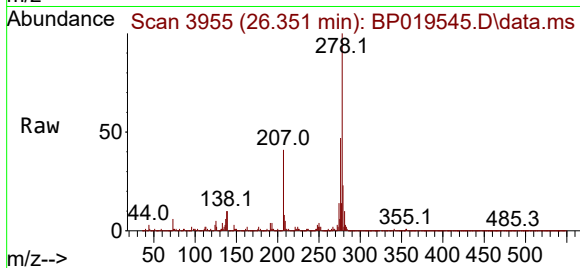
Tgt Ion:278 Resp: 205932

Ion Ratio Lower Upper

278 100

139 10.4 8.6 12.8

279 23.4 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 9.479 ng

RT: 27.086 min Scan# 4080

Delta R.T. -0.029 min

Lab File: BP019545.D

Acq: 03 Feb 2024 01:15

Tgt Ion:276 Resp: 197906

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 14.9 10.9 16.3

