

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049578.D
 Acq On : 06 Feb 2025 12:01
 Operator : RC/JU
 Sample : Q1168-08
 Misc : LOQ-WATER 5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Feb 06 12:44:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 11:55:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	182917	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	681074	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	418661	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	806030	20.000	ng	0.00
76) Chrysene-d12	21.445	240	654337	20.000	ng	0.00
86) Perylene-d12	24.480	264	547728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1680163	147.709	ng	0.00
7) Phenol-d6	6.981	99	2180417	146.313	ng	0.00
23) Nitrobenzene-d5	8.981	82	1458891	110.181	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	733950	147.950	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3623418	112.118	ng	0.00
79) Terphenyl-d14	19.833	244	5992420	139.846	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	29268	6.120	ng	94
3) Pyridine	3.699	79	67713	5.095	ng	# 93
4) n-Nitrosodimethylamine	3.599	42	37412	6.017	ng	# 94
6) Aniline	7.146	93	84816	6.005	ng	98
8) 2-Chlorophenol	7.387	128	61798	5.441	ng	94
9) Benzaldehyde	6.963	77	71531	9.065	ng	99
10) Phenol	7.004	94	84013	5.724	ng	89
11) bis(2-Chloroethyl)ether	7.246	93	68662	5.782	ng	95
12) 1,3-Dichlorobenzene	7.716	146	77501	5.879	ng	96
13) 1,4-Dichlorobenzene	7.863	146	78093	5.856	ng	100
14) 1,2-Dichlorobenzene	8.181	146	75486	5.863	ng	97
15) Benzyl Alcohol	8.057	79	50527	4.873	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.351	45	102282	6.398	ng	99
17) 2-Methylphenol	8.263	107	45076	5.022	ng	98
18) Hexachloroethane	8.916	117	26945	5.532	ng	97
19) n-Nitroso-di-n-propyla...	8.628	70	52092	5.338	ng	95
20) 3+4-Methylphenols	8.587	107	56582	4.776	ng	92
22) Acetophenone	8.645	105	102903	5.610	ng	# 94
24) Nitrobenzene	9.022	77	82773	6.434	ng	96
25) Isophorone	9.545	82	134709	5.641	ng	99
26) 2-Nitrophenol	9.734	139	12415	5.300	ng	91
27) 2,4-Dimethylphenol	9.792	122	43743	5.793	ng	96
28) bis(2-Chloroethoxy)met...	10.034	93	84626	5.502	ng	99
29) 2,4-Dichlorophenol	10.263	162	43022	4.137	ng	99
30) 1,2,4-Trichlorobenzene	10.486	180	70090	5.502	ng	96
31) Naphthalene	10.675	128	192455	5.358	ng	98
32) Benzoic acid	9.792	122	43743	15.855	ng	# 18
33) 4-Chloroaniline	10.775	127	72797	5.414	ng	98
34) Hexachlorobutadiene	10.975	225	41079	5.385	ng	94
35) Caprolactam	11.510	113	12116	3.819	ng	# 78
36) 4-Chloro-3-methylphenol	11.892	107	42513	4.100	ng	100
37) 2-Methylnaphthalene	12.286	142	128669	5.088	ng	95
38) 1-Methylnaphthalene	12.510	142	121390	4.933	ng	99
40) 1,2,4,5-Tetrachloroben...	12.657	216	74310	5.398	ng	98
41) Hexachlorocyclopentadiene	12.645	237	13408	3.816	ng	97
43) 2,4,6-Trichlorophenol	12.892	196	26556	3.535	ng	90

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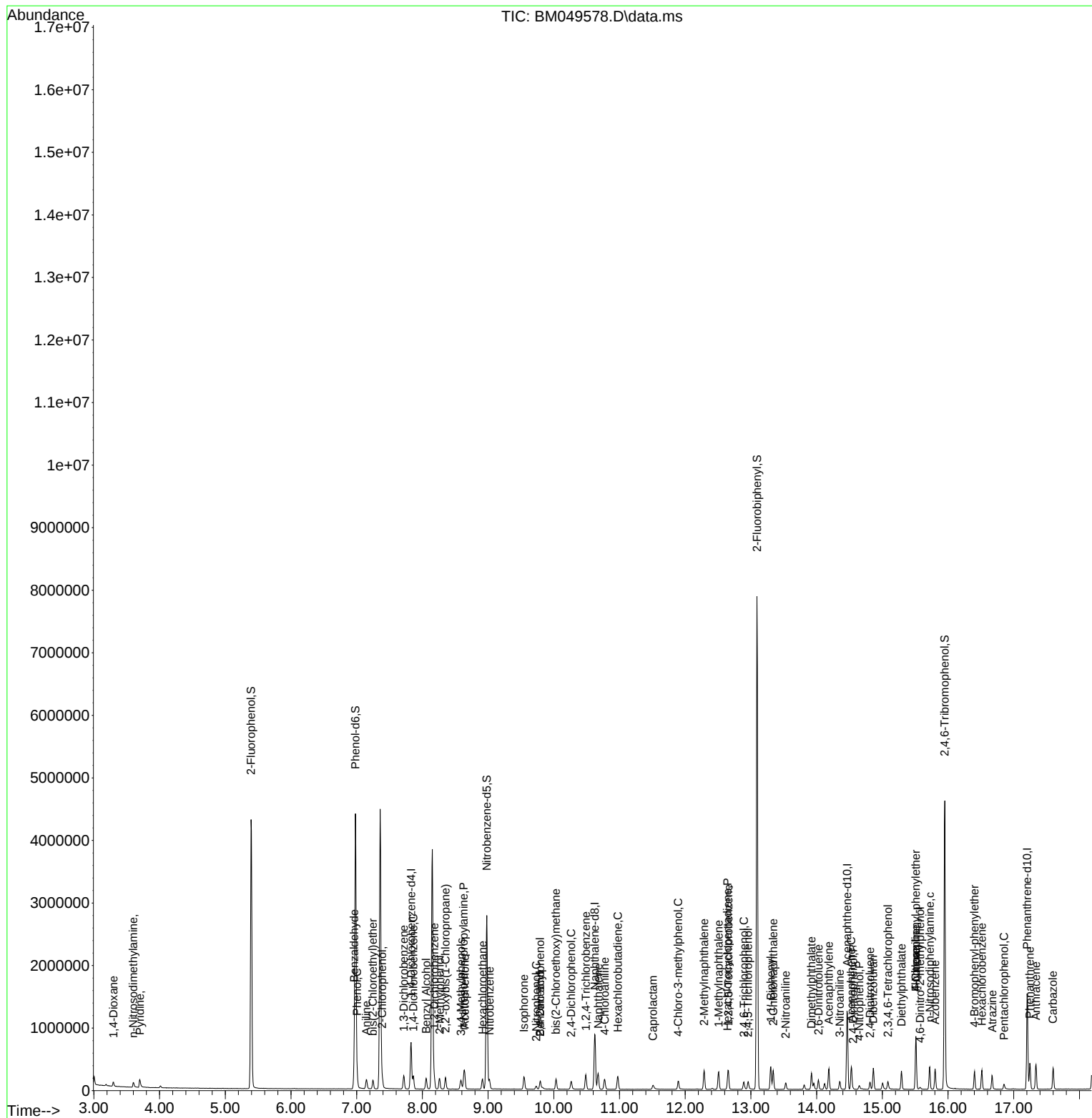
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	33687	4.081	ng	# 92
46) 1,1'-Biphenyl	13.304	154	179957	5.635	ng	98
47) 2-Chloronaphthalene	13.339	162	136131	5.509	ng	99
48) 2-Nitroaniline	13.527	65	23957	4.225	ng	90
49) Acenaphthylene	14.186	152	206393	5.664	ng	99
50) Dimethylphthalate	13.922	163	149608	4.976	ng	99
51) 2,6-Dinitrotoluene	14.027	165	22878	4.397	ng	# 84
52) Acenaphthene	14.527	154	120546	4.984	ng	96
53) 3-Nitroaniline	14.351	138	23077	4.357	ng	# 89
54) 2,4-Dinitrophenol	14.557	184	2700	5.535	ng	93
55) Dibenzofuran	14.863	168	201562	5.234	ng	99
56) 4-Nitrophenol	14.651	139	12140	2.719	ng	95
57) 2,4-Dinitrotoluene	14.816	165	23764	6.299	ng	# 93
58) Fluorene	15.510	166	158899	4.823	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.086	232	23309	3.342	ng	96
60) Diethylphthalate	15.292	149	142476	4.715	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	82339	4.696	ng	93
62) 4-Nitroaniline	15.510	138	22321	3.763	ng	88
63) Azobenzene	15.804	77	175284	5.558	ng	97
65) 4,6-Dinitro-2-methylph...	15.574	198	4390	6.579	ng	# 72
66) n-Nitrosodiphenylamine	15.721	169	125147	4.923	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	45477	4.857	ng	97
68) Hexachlorobenzene	16.516	284	54229	5.046	ng	96
69) Atrazine	16.674	200	34358	4.547	ng	98
70) Pentachlorophenol	16.851	266	13858	9.439	ng	93
71) Phenanthrene	17.245	178	239303	5.211	ng	99
72) Anthracene	17.339	178	228925	5.035	ng	100
73) Carbazole	17.598	167	201364	5.046	ng	100
74) Di-n-butylphthalate	18.192	149	191961	3.791	ng	99
75) Fluoranthene	19.262	202	243190	4.524	ng	98
77) Benzidine	19.445	184	32179	5.553	ng	95
78) Pyrene	19.621	202	250663	5.116	ng	99
80) Butylbenzylphthalate	20.539	149	35062	2.300	ng	97
81) Benzo(a)anthracene	21.427	228	227936	5.140	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	40640	3.406	ng	99
83) Chrysene	21.492	228	213233	5.132	ng	100
84) Bis(2-ethylhexyl)phtha...	21.386	149	73039	2.795	ng	98
85) Di-n-octyl phthalate	22.545	149	86573	2.100	ng	# 84
87) Indeno(1,2,3-cd)pyrene	27.897	276	151905	5.078	ng	98
88) Benzo(b)fluoranthene	23.521	252	176236	4.677	ng	99
89) Benzo(k)fluoranthene	23.586	252	179980	4.918	ng	98
90) Benzo(a)pyrene	24.333	252	144710	4.846	ng	99
91) Dibenzo(a,h)anthracene	27.974	278	109769	4.643	ng	94
92) Benzo(g,h,i)perylene	28.956	276	125260	4.743	ng	99

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

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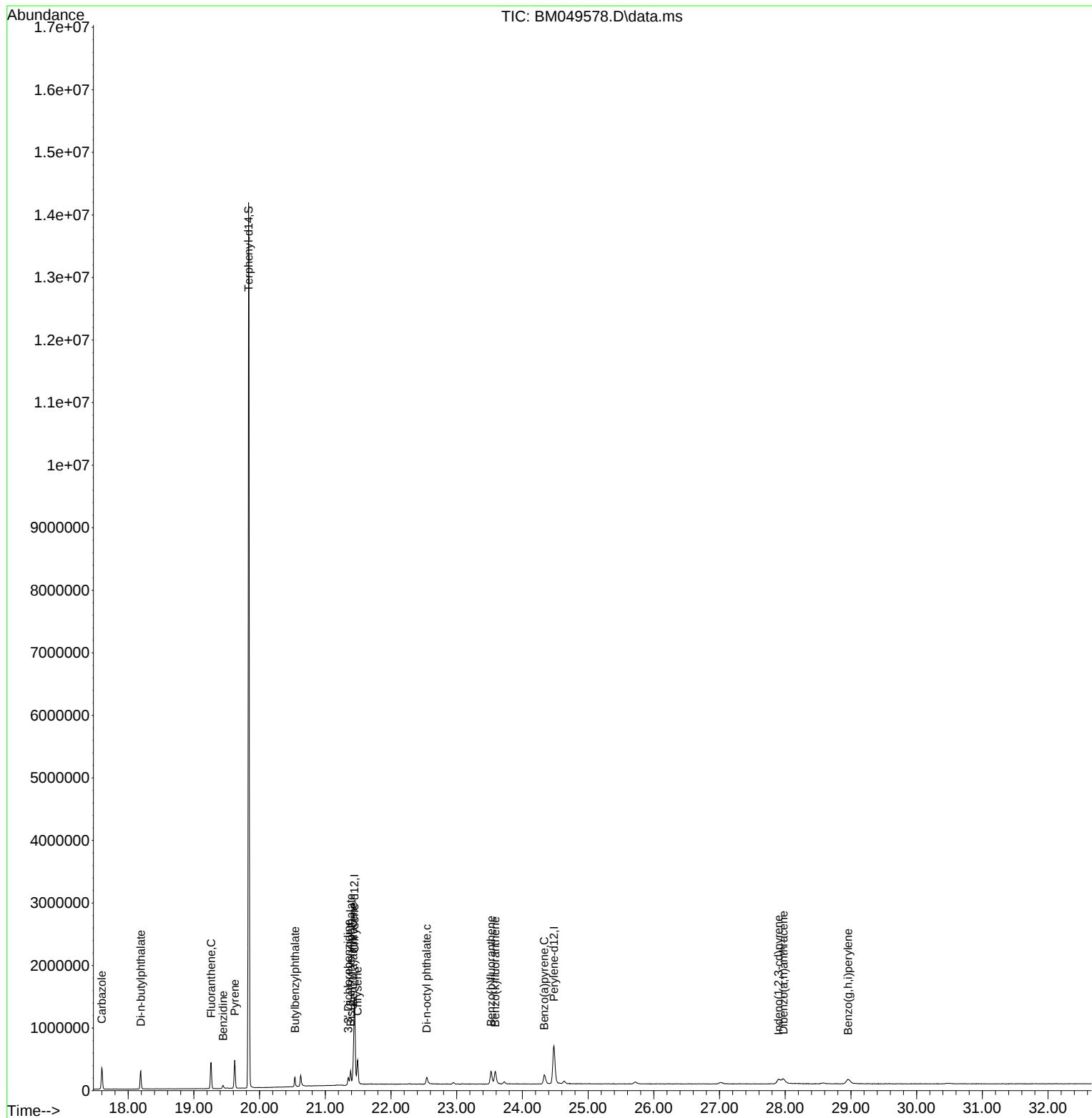
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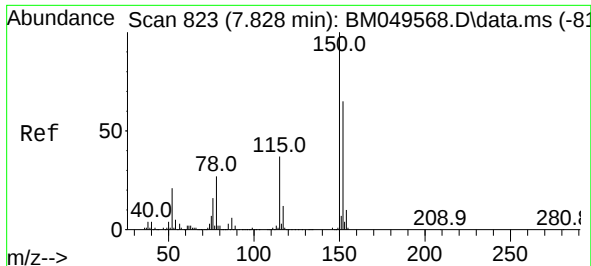


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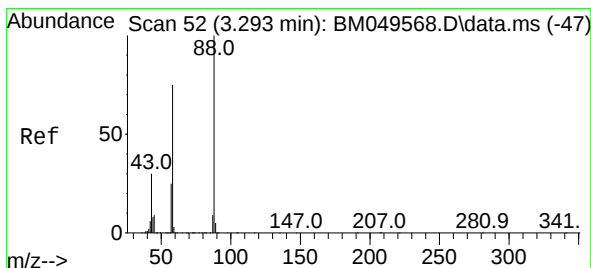
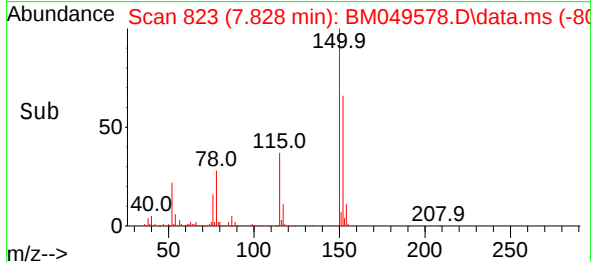
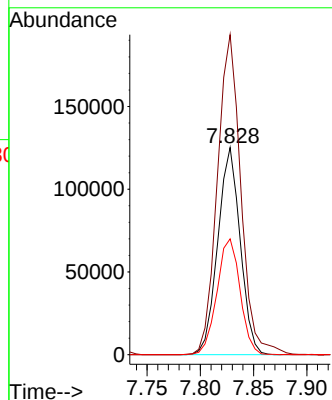
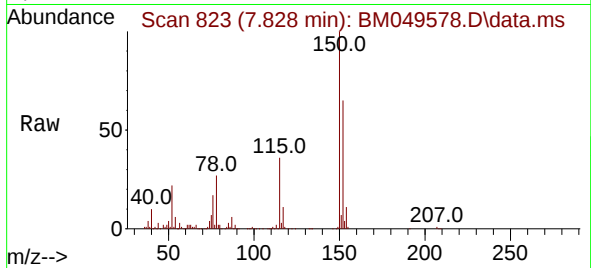




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.828 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01

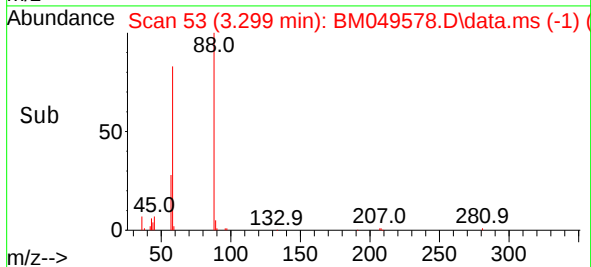
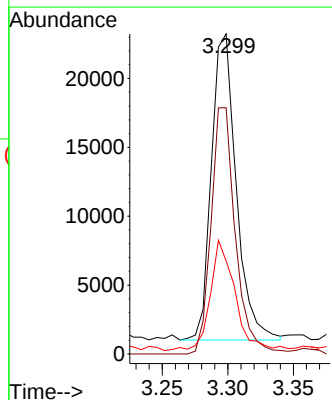
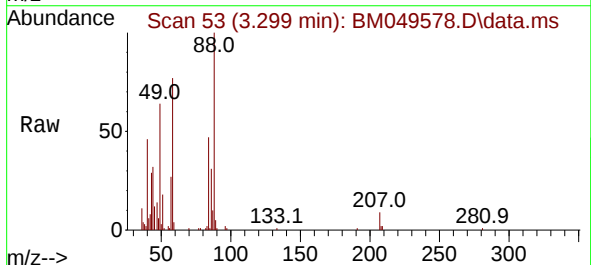
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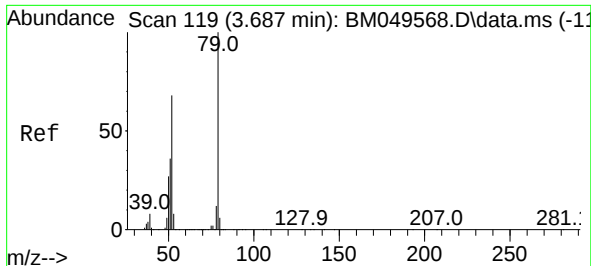
Tgt Ion:152 Resp: 182917
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.6 184.0
 115 55.9 45.4 68.0



#2
 1,4-Dioxane
 Concen: 6.120 ng
 RT: 3.299 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01

Tgt Ion: 88 Resp: 29268
 Ion Ratio Lower Upper
 88 100
 58 78.8 60.0 90.0
 43 36.0 24.4 36.6

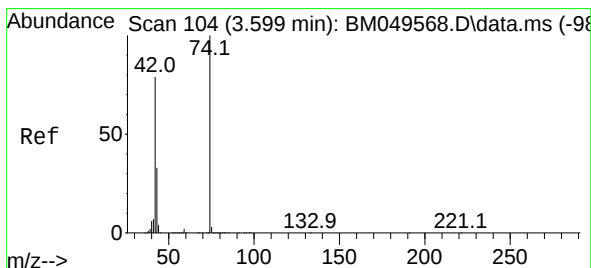
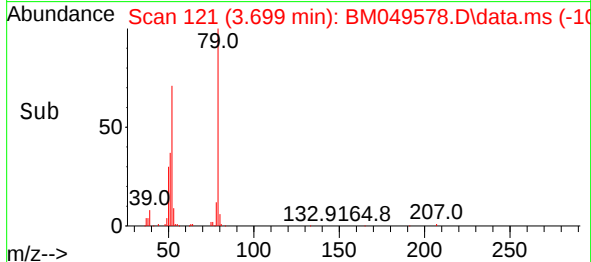
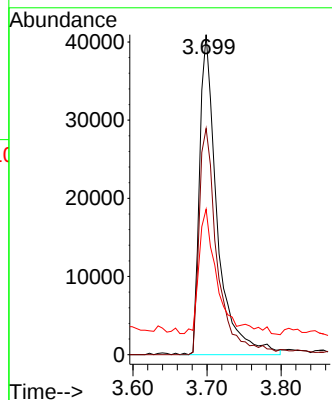
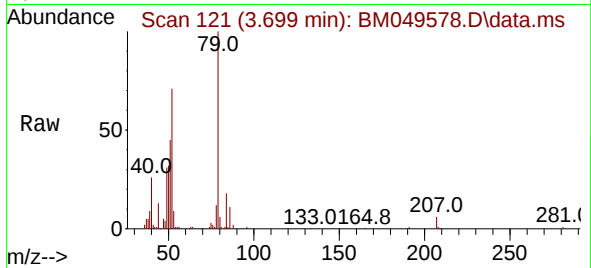




#3
Pyridine
Concen: 5.095 ng
RT: 3.699 min Scan# 119
Delta R.T. 0.012 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

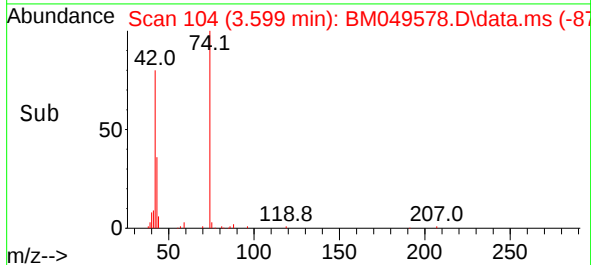
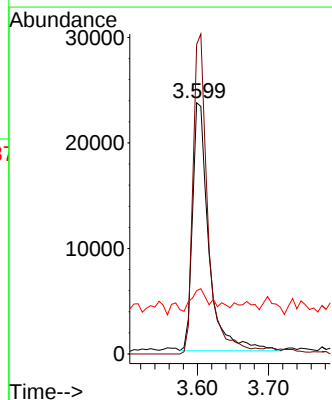
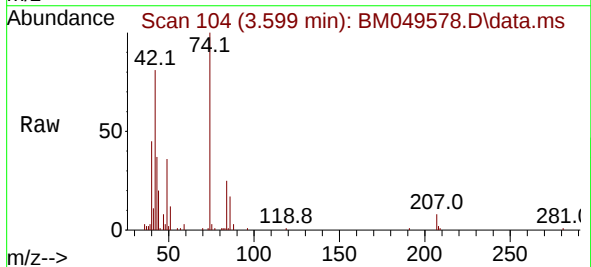
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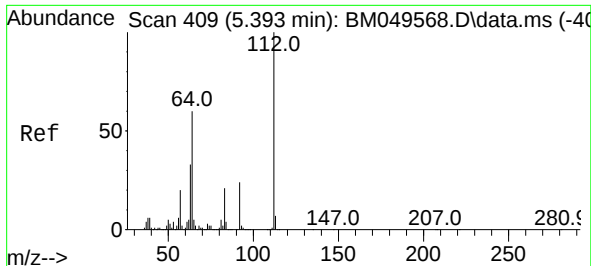
Tgt Ion: 79 Resp: 67713
Ion Ratio Lower Upper
79 100
52 70.7 54.5 81.7
51 45.5 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 6.017 ng
RT: 3.599 min Scan# 104
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion: 42 Resp: 37412
Ion Ratio Lower Upper
42 100
74 123.3 101.3 151.9
44 25.2 6.5 9.7#

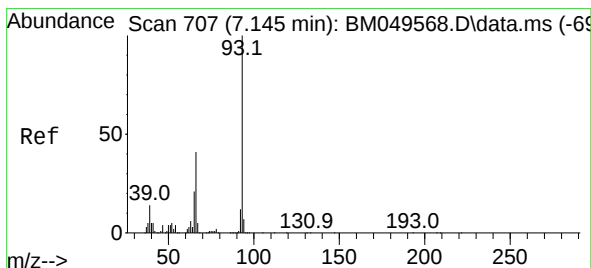
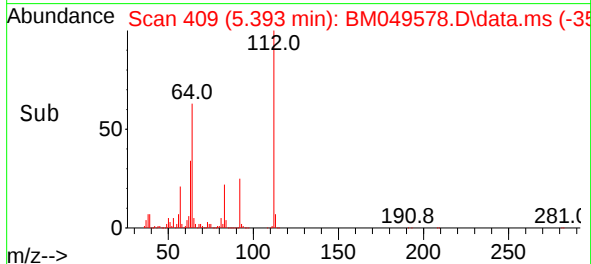
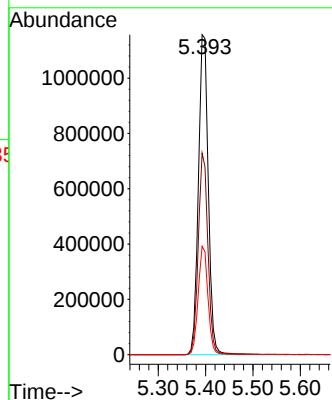
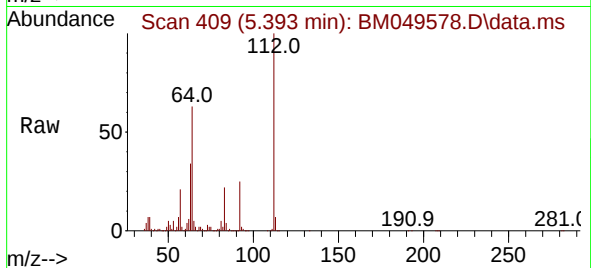




#5
2-Fluorophenol
Concen: 147.709 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

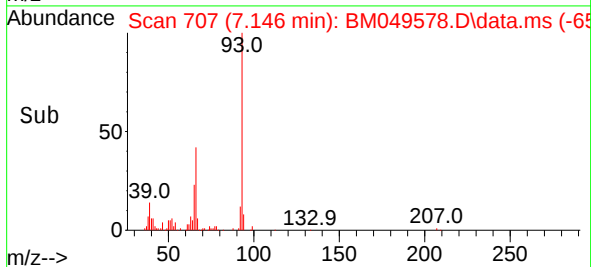
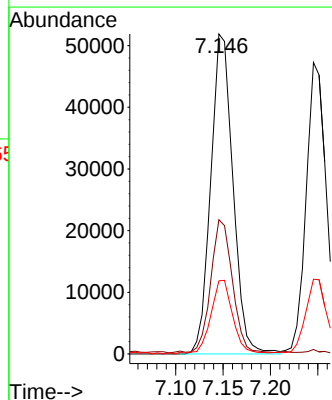
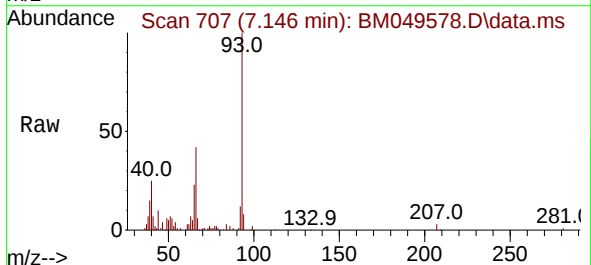
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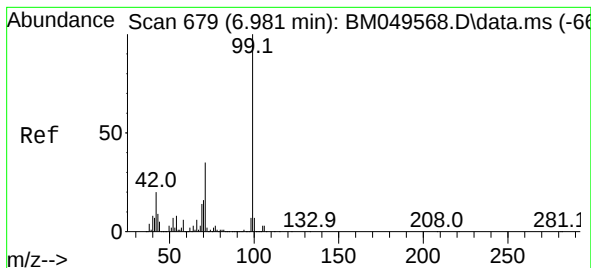
Tgt Ion:112 Resp: 1680163
Ion Ratio Lower Upper
112 100
64 63.0 47.8 71.8
63 33.8 26.2 39.4



#6
Aniline
Concen: 6.005 ng
RT: 7.146 min Scan# 707
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion: 93 Resp: 84816
Ion Ratio Lower Upper
93 100
66 41.9 33.3 49.9
65 22.9 16.8 25.2



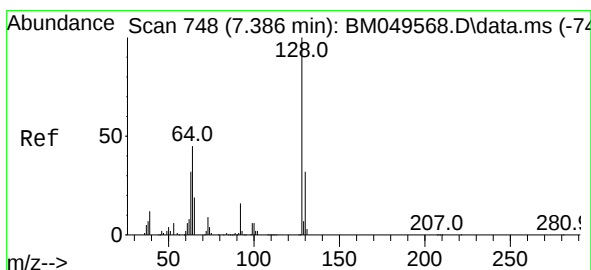
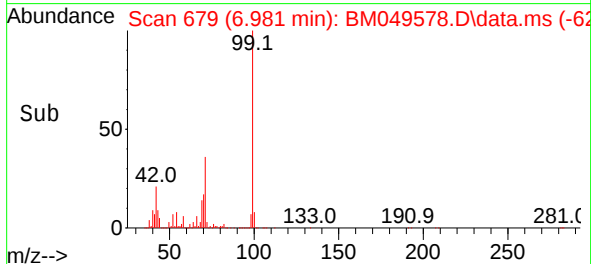
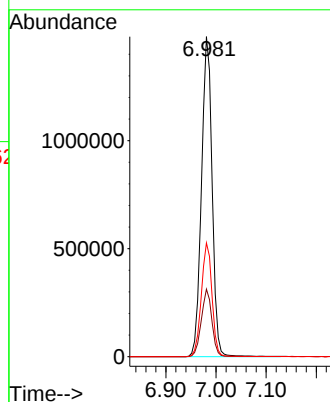
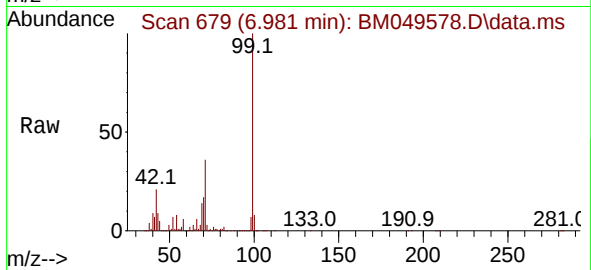


#7
Phenol-d6
Concen: 146.313 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM049578.D
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Tgt Ion: 99 Resp: 2180417

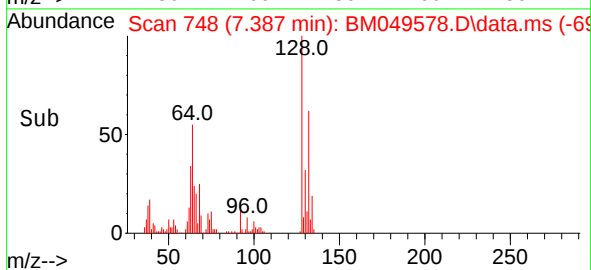
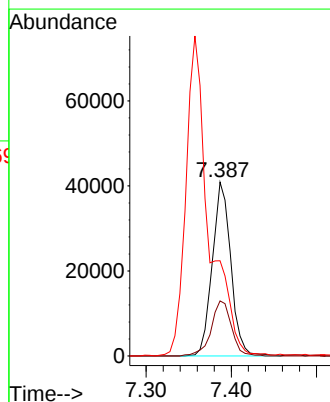
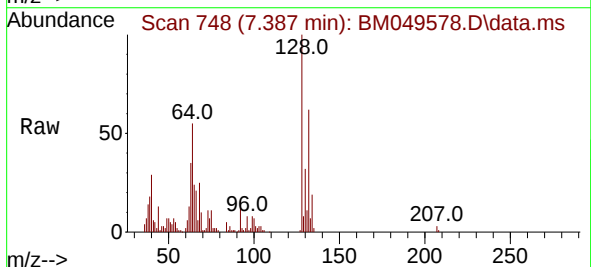
Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.0	24.0
71	35.6	27.8	41.6

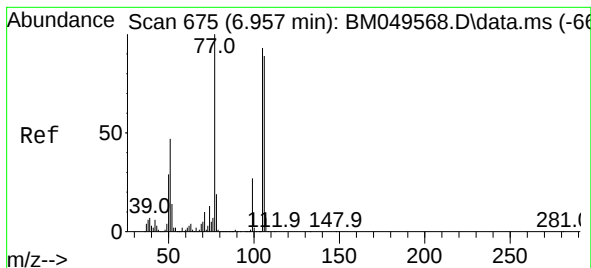


#8
2-Chlorophenol
Concen: 5.441 ng
RT: 7.387 min Scan# 748
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion: 128 Resp: 61798

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.4	52.4
64	54.8	28.7	68.7





#9

Benzaldehyde

Concen: 9.065 ng

RT: 6.963 min Scan# 61

Delta R.T. 0.006 min

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BNA_M

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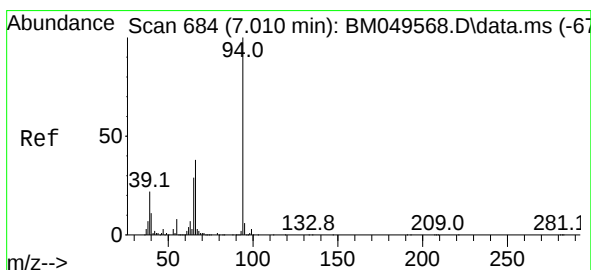
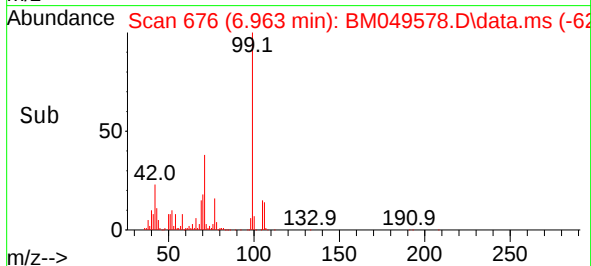
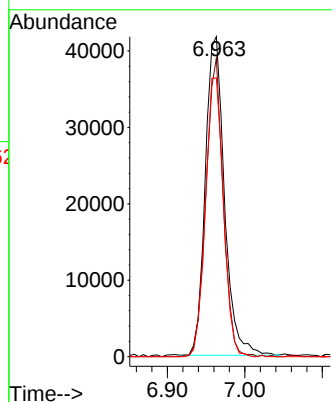
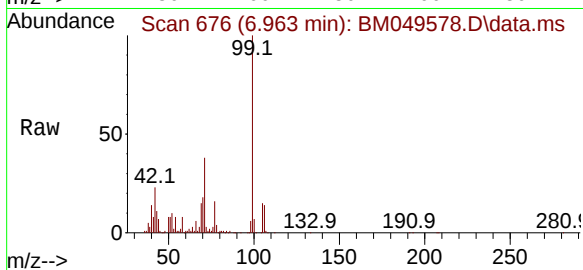
Tgt Ion: 77 Resp: 71531

Ion Ratio Lower Upper

77 100

105 93.2 72.7 112.7

106 87.1 68.9 108.9



#10

Phenol

Concen: 5.724 ng

RT: 7.004 min Scan# 683

Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

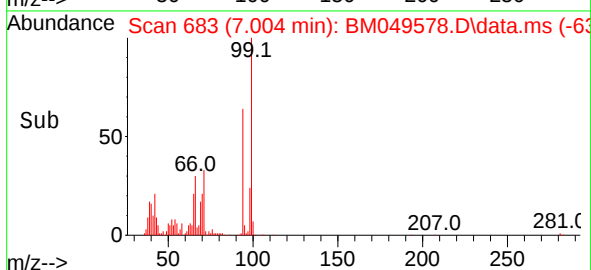
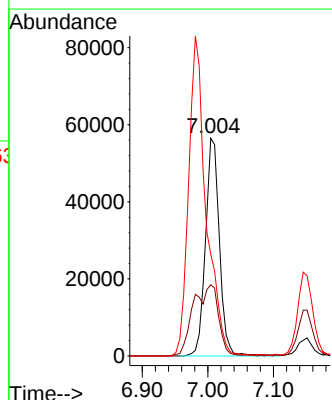
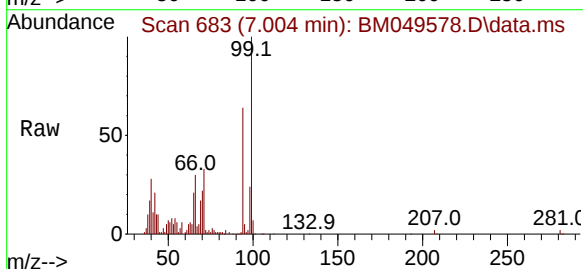
Tgt Ion: 94 Resp: 84013

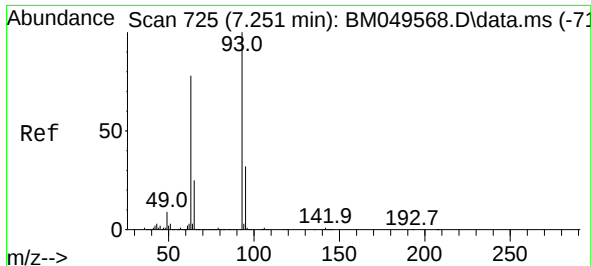
Ion Ratio Lower Upper

94 100

65 32.7 9.3 49.3

66 46.7 17.7 57.7

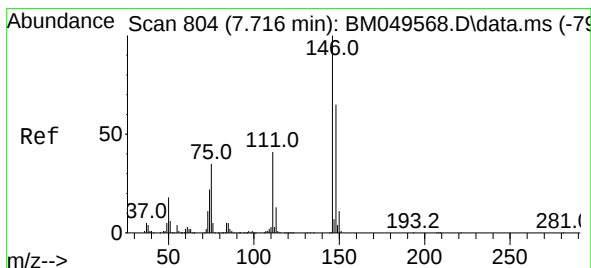
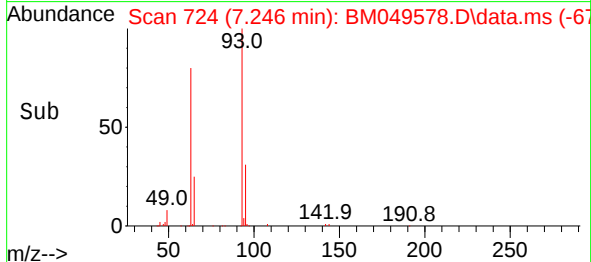
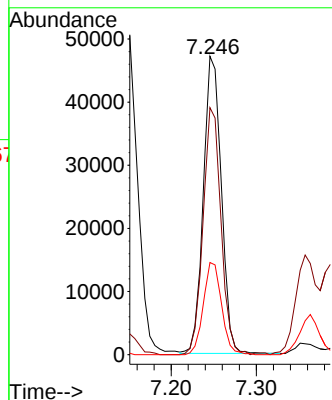
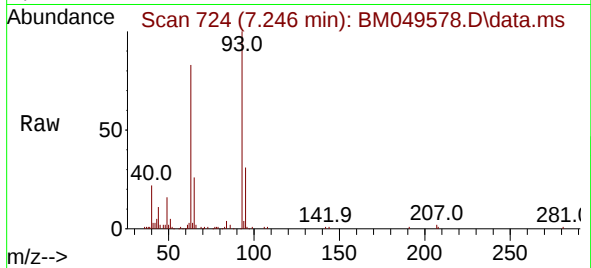




#11
bis(2-Chloroethyl)ether
Concen: 5.782 ng
RT: 7.246 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

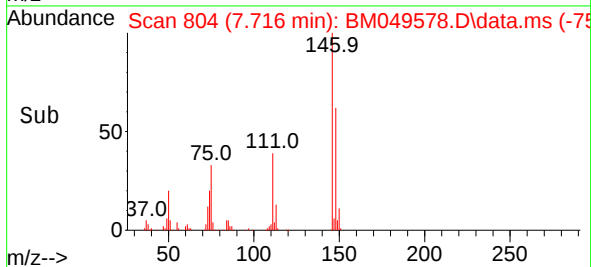
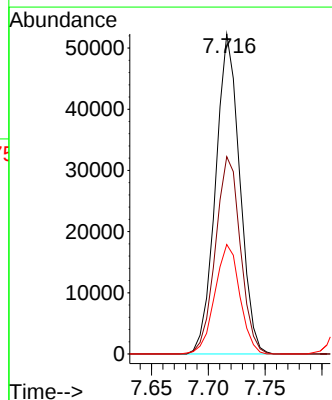
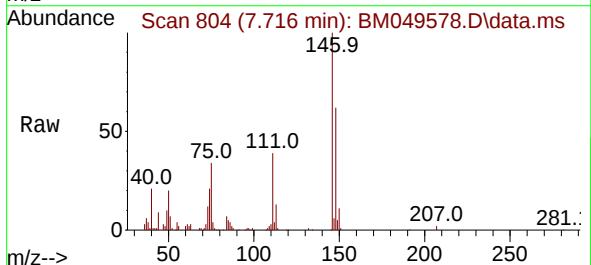
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

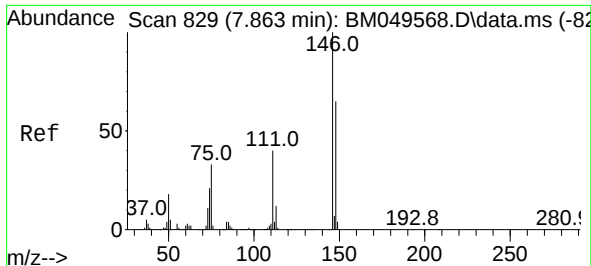
Tgt Ion: 93 Resp: 68662
Ion Ratio Lower Upper
93 100
63 82.8 57.3 97.3
95 30.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 5.879 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:146 Resp: 77501
Ion Ratio Lower Upper
146 100
148 61.7 52.2 78.2
75 34.2 28.3 42.5

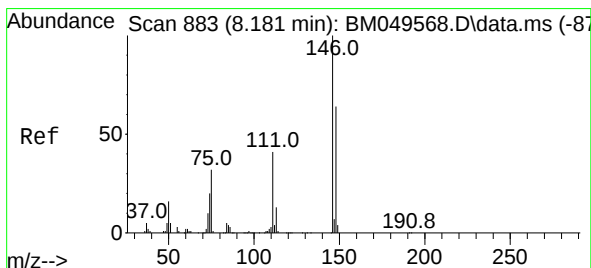
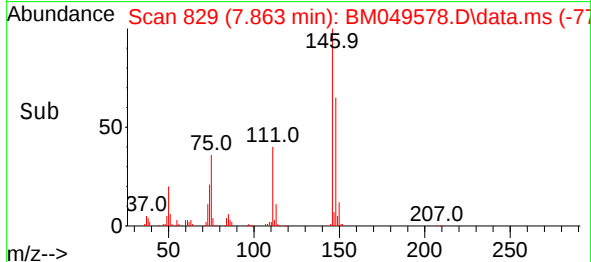
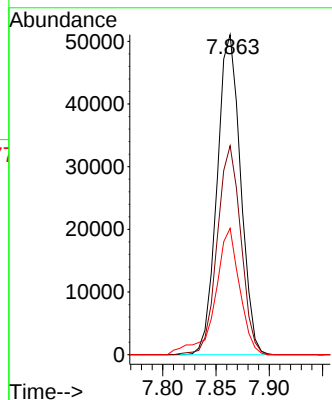
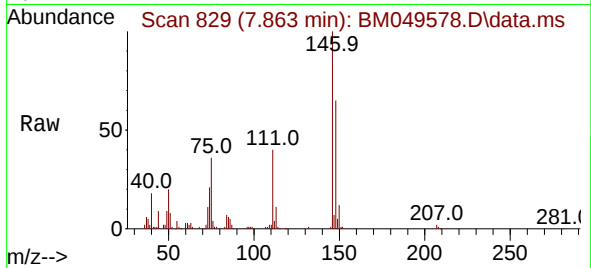




#13
1,4-Dichlorobenzene
Concen: 5.856 ng
RT: 7.863 min Scan# 829
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

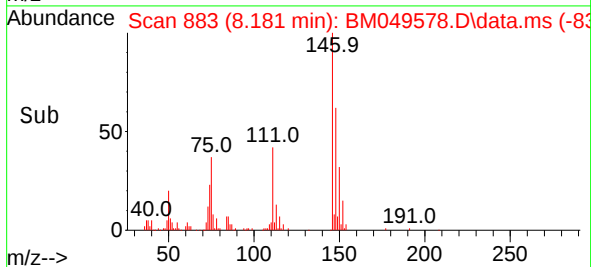
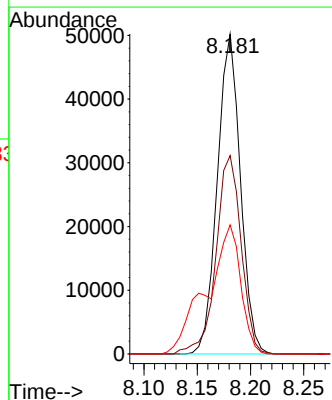
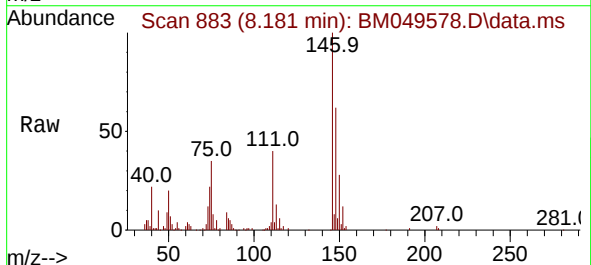
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

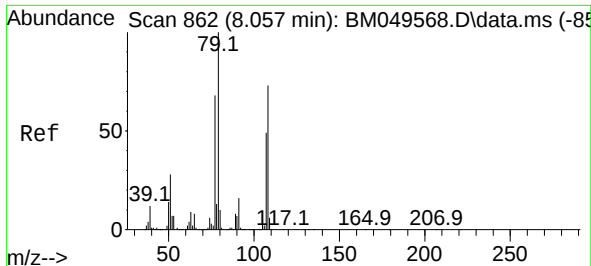
Tgt Ion:146 Resp: 78093
Ion Ratio Lower Upper
146 100
148 65.3 52.1 78.1
111 39.5 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 5.863 ng
RT: 8.181 min Scan# 883
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:146 Resp: 75486
Ion Ratio Lower Upper
146 100
148 62.0 51.5 77.3
111 40.3 33.4 50.0

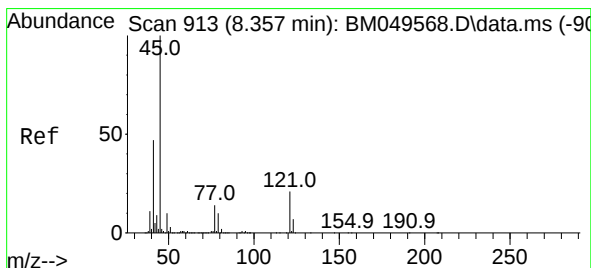
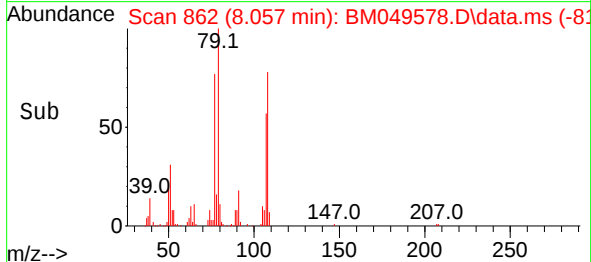
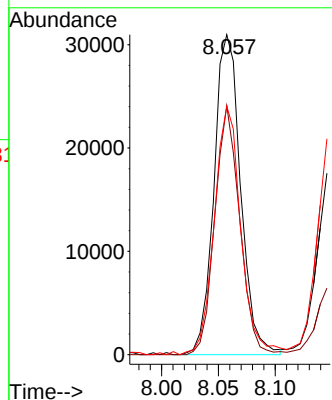
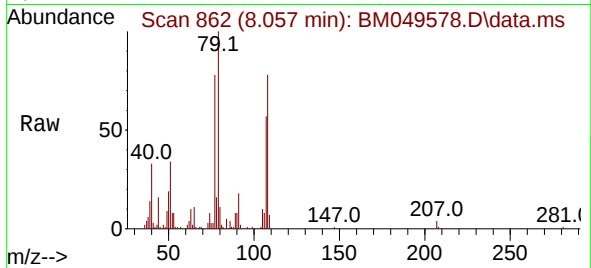




#15
Benzyl Alcohol
Concen: 4.873 ng
RT: 8.057 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

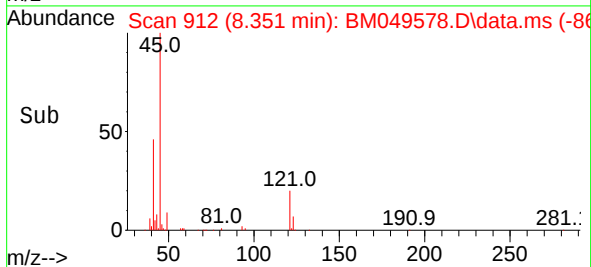
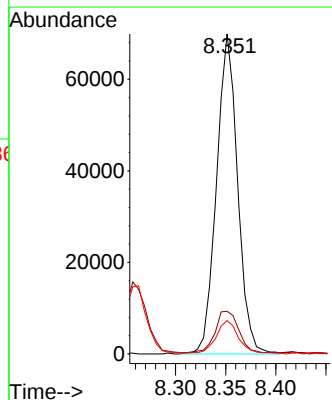
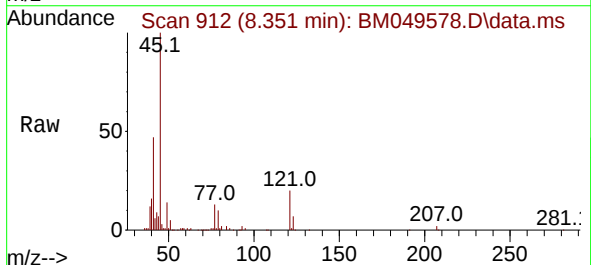
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

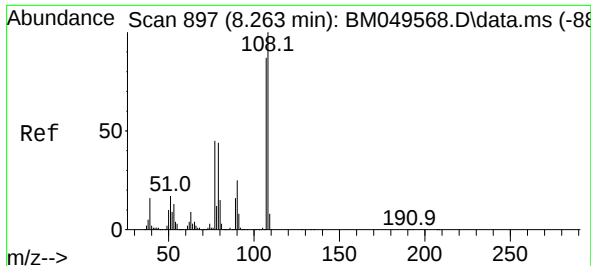
Tgt Ion: 79 Resp: 50527
Ion Ratio Lower Upper
79 100
108 77.8 58.6 88.0
77 77.6 54.0 81.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.398 ng
RT: 8.351 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion: 45 Resp: 102282
Ion Ratio Lower Upper
45 100
77 13.3 0.0 34.0
79 10.5 0.0 30.8

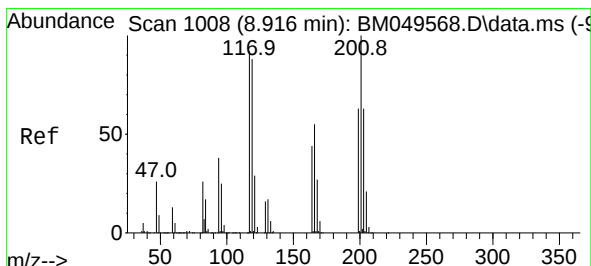
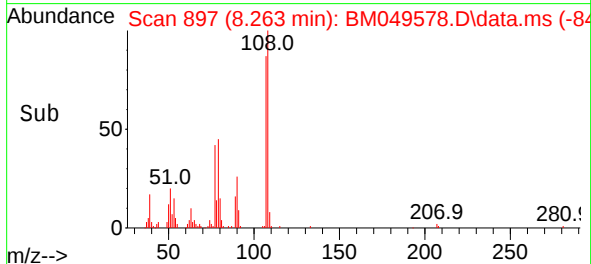
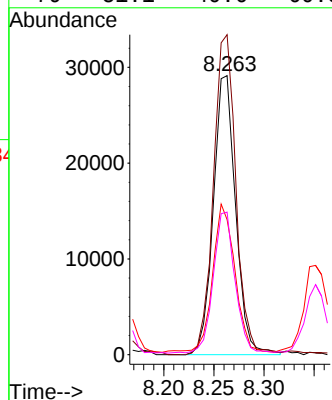
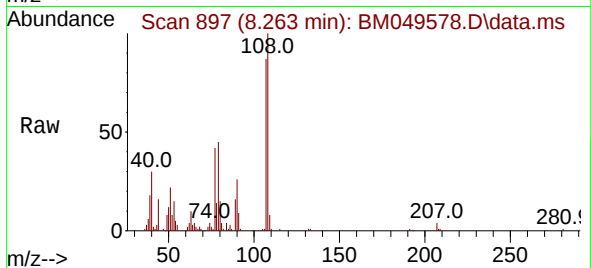




#17
2-Methylphenol
Concen: 5.022 ng
RT: 8.263 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

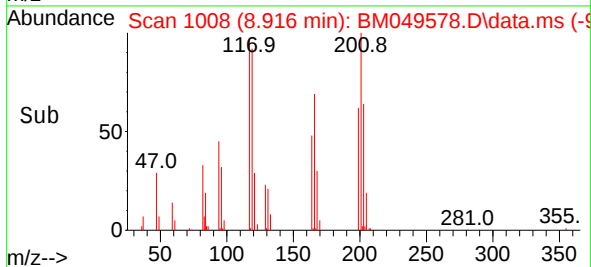
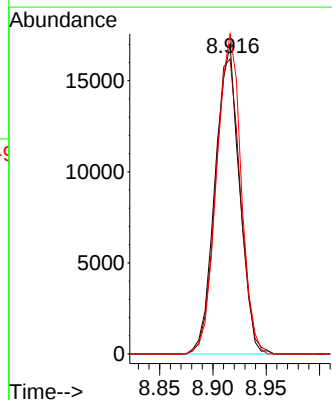
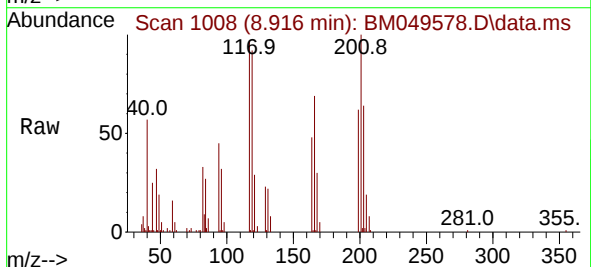
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

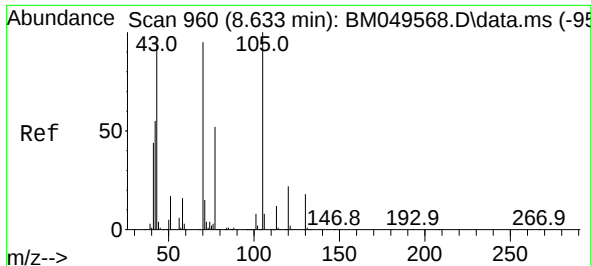
Tgt Ion:107 Resp: 45076
Ion Ratio Lower Upper
107 100
108 114.7 92.2 138.4
77 48.4 41.3 61.9
79 51.1 40.6 60.8



#18
Hexachloroethane
Concen: 5.532 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:117 Resp: 26945
Ion Ratio Lower Upper
117 100
119 95.2 76.8 115.2
201 103.2 87.0 130.6

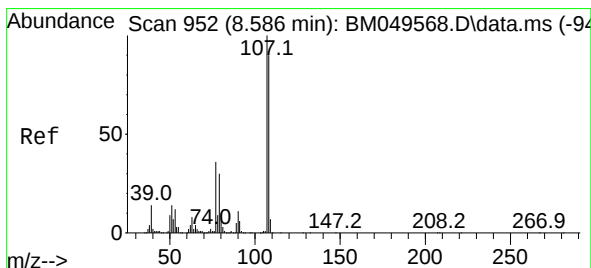
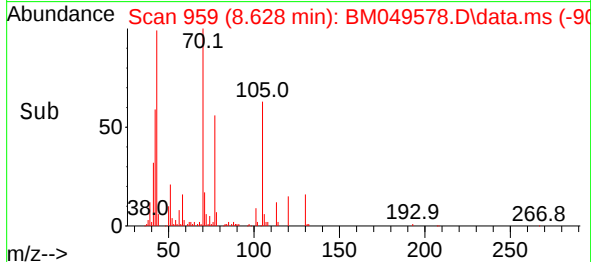
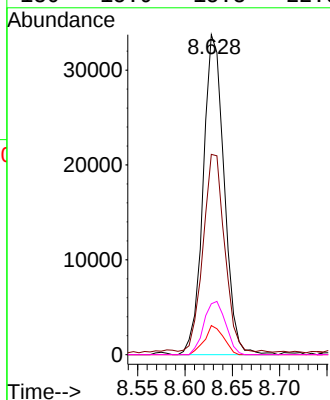
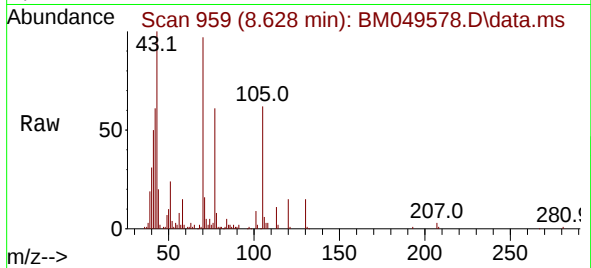




#19
n-Nitroso-di-n-propylamine
Concen: 5.338 ng
RT: 8.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

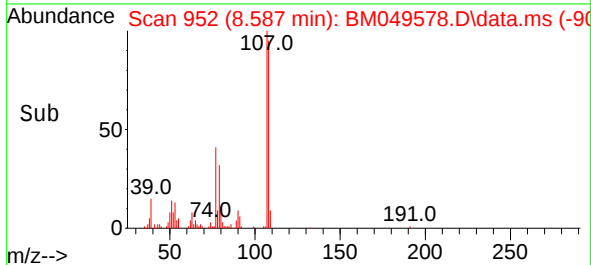
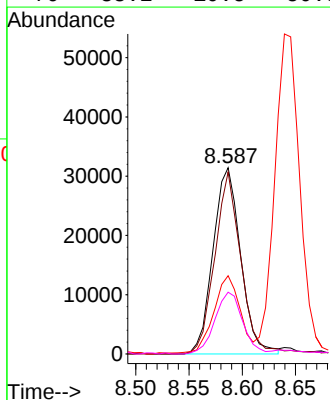
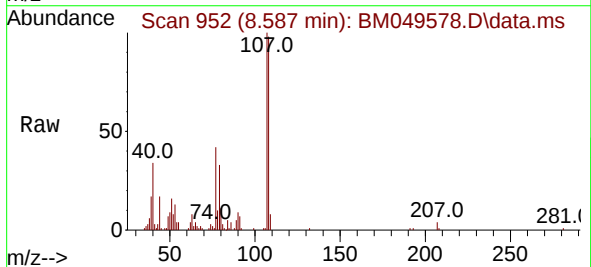
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

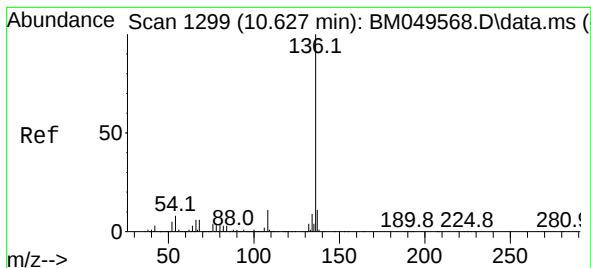
Tgt Ion: 70 Resp: 52092
Ion Ratio Lower Upper
70 100
42 62.6 47.4 71.2
101 9.1 7.1 10.7
130 15.9 15.3 22.9



#20
3+4-Methylphenols
Concen: 4.776 ng
RT: 8.587 min Scan# 952
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion: 107 Resp: 56582
Ion Ratio Lower Upper
107 100
108 97.7 69.6 109.6
77 42.0 16.0 56.0
79 33.2 10.5 50.5

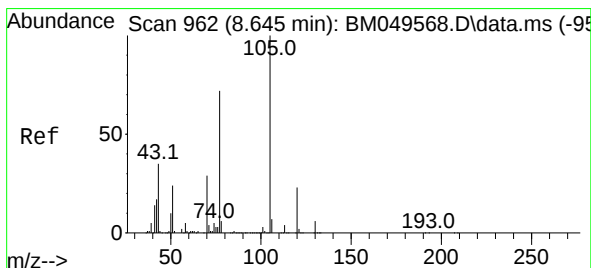
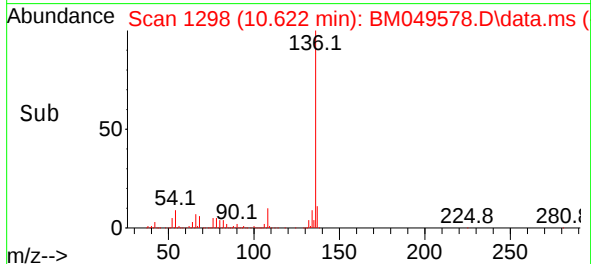
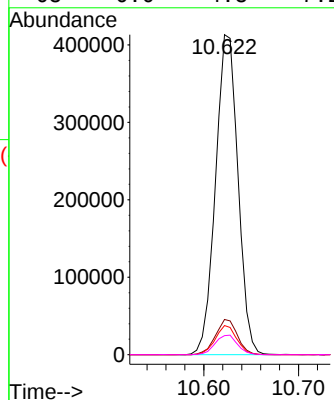
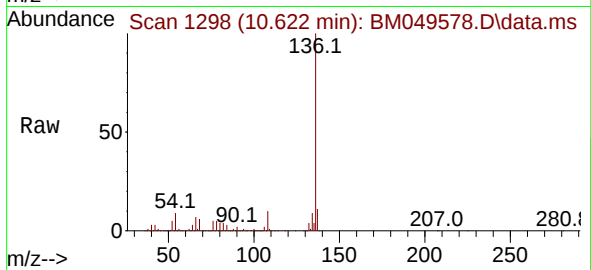




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

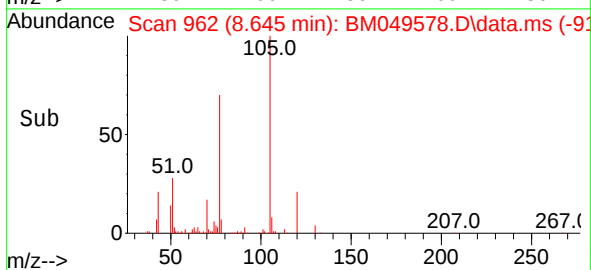
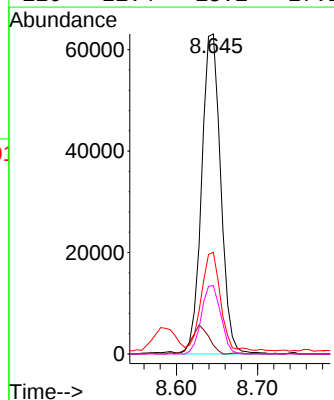
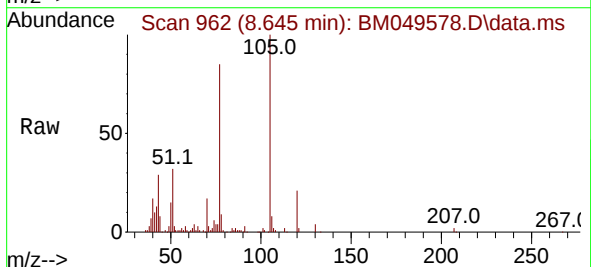
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

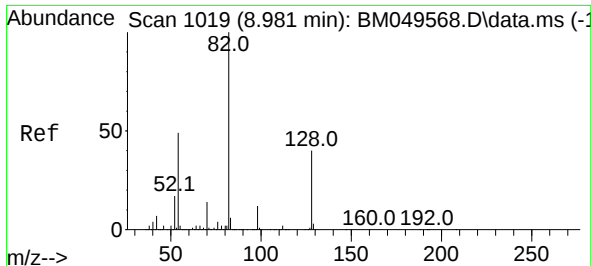
Tgt Ion:136 Resp: 681074
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 6.6 10.0
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 5.610 ng
RT: 8.645 min Scan# 962
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:105 Resp: 102903
Ion Ratio Lower Upper
105 100
71 2.7 3.5 5.3#
51 31.8 21.7 32.5
120 21.4 18.1 27.1

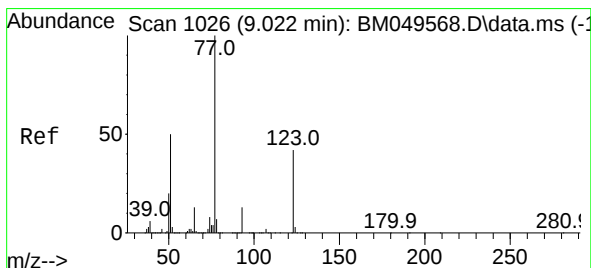
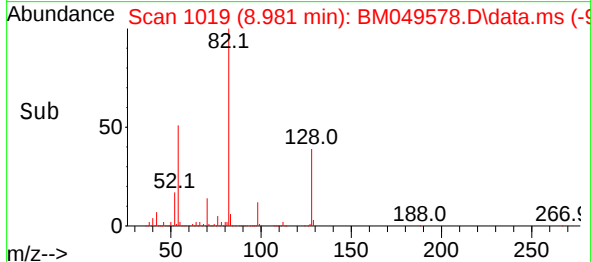
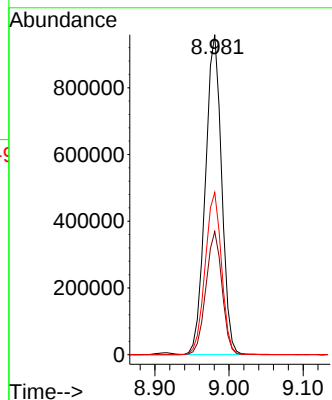
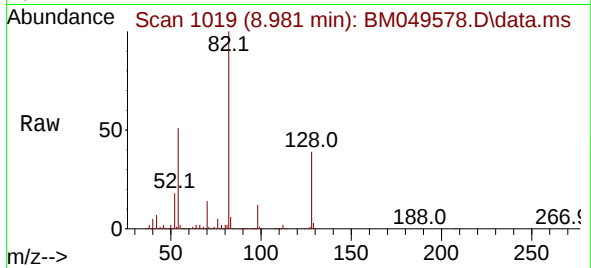




#23
Nitrobenzene-d5
Concen: 110.181 ng
RT: 8.981 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

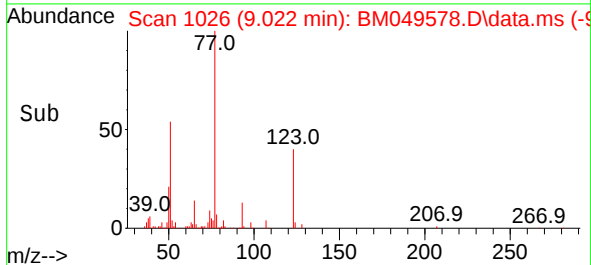
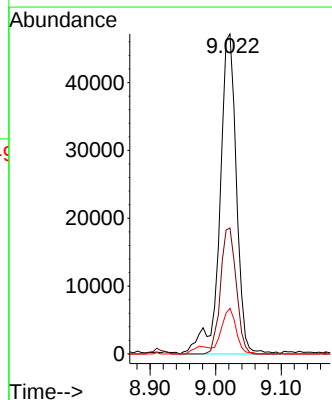
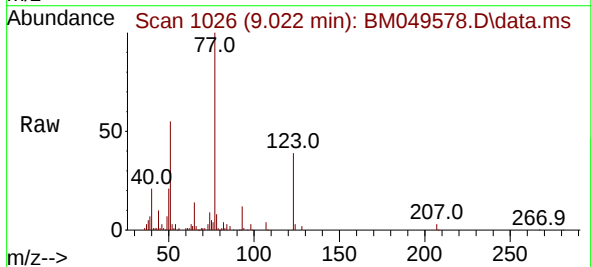
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

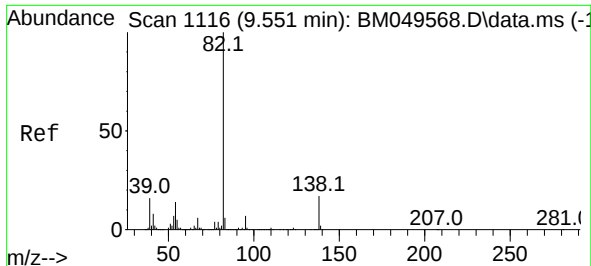
Tgt Ion: 82 Resp: 1458891
Ion Ratio Lower Upper
82 100
128 38.5 31.6 47.4
54 50.7 39.4 59.0



#24
Nitrobenzene
Concen: 6.434 ng
RT: 9.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion: 77 Resp: 82773
Ion Ratio Lower Upper
77 100
123 39.4 33.4 50.2
65 14.2 10.5 15.7





#25

Isophorone

Concen: 5.641 ng

RT: 9.545 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BM049578.D

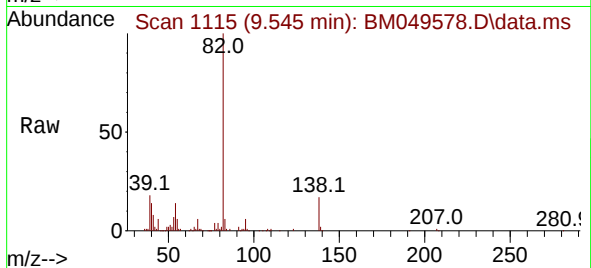
Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025



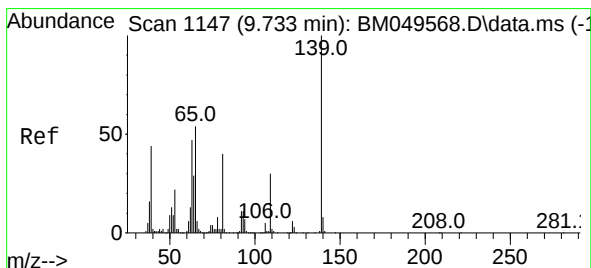
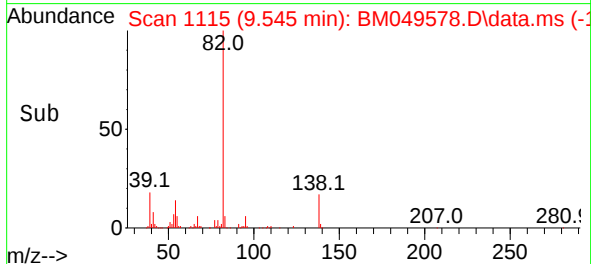
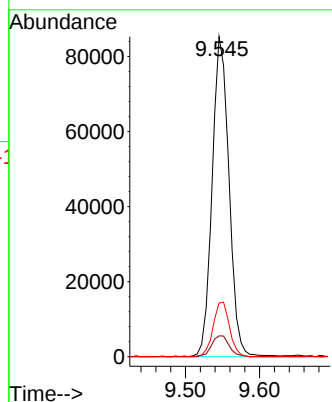
Tgt Ion: 82 Resp: 134709

Ion Ratio Lower Upper

82 100

95 6.5 5.5 8.3

138 16.8 13.6 20.4



#26

2-Nitrophenol

Concen: 5.300 ng

RT: 9.734 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

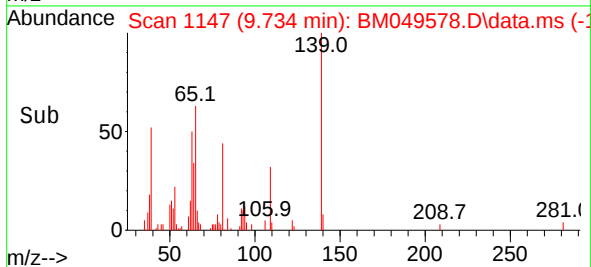
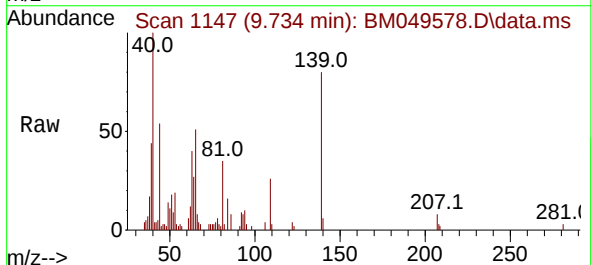
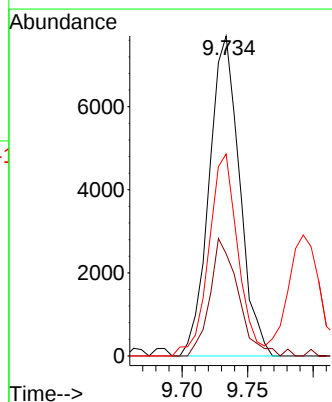
Tgt Ion:139 Resp: 12415

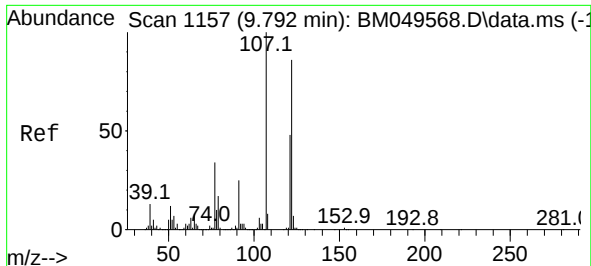
Ion Ratio Lower Upper

139 100

109 31.9 24.2 36.2

65 63.1 43.4 65.2

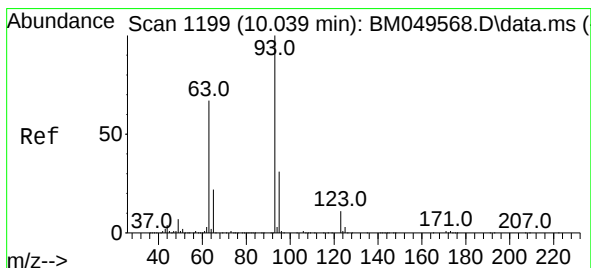
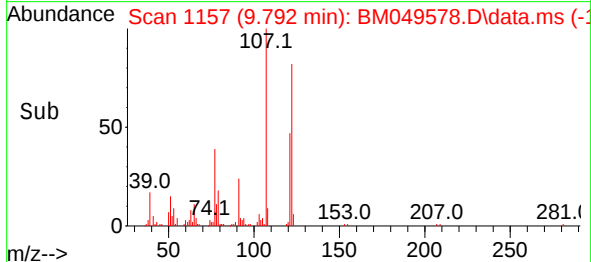
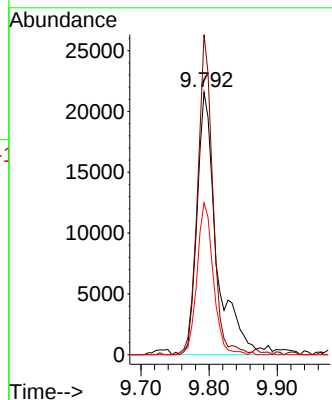
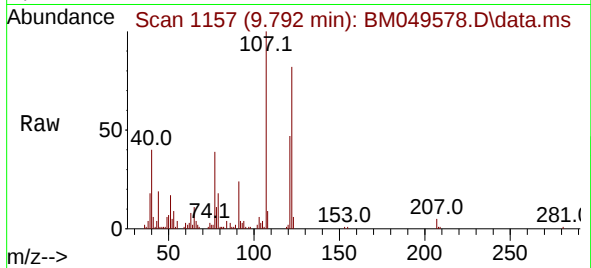




#27
2,4-Dimethylphenol
Concen: 5.793 ng
RT: 9.792 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

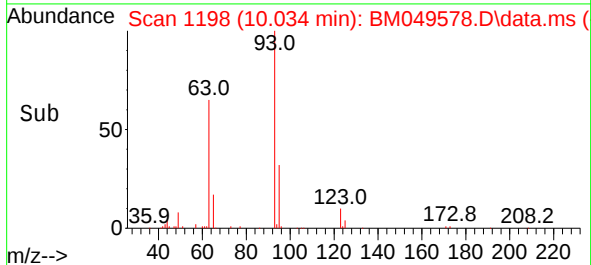
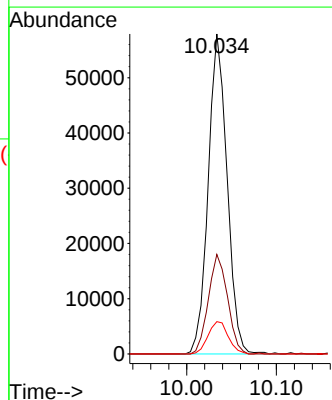
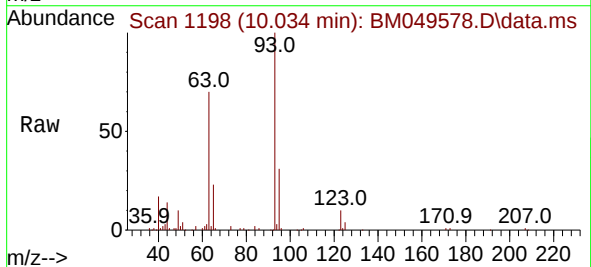
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

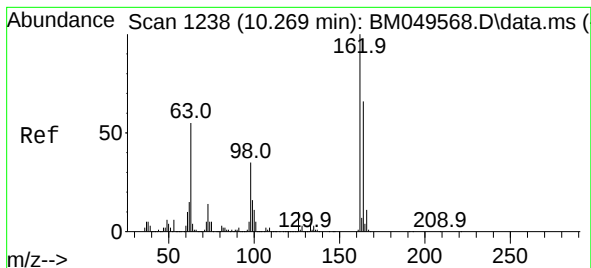
Tgt Ion:122 Resp: 43743
Ion Ratio Lower Upper
122 100
107 122.0 93.2 139.8
121 57.9 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 5.502 ng
RT: 10.034 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion: 93 Resp: 84626
Ion Ratio Lower Upper
93 100
95 31.1 25.2 37.8
123 10.1 8.6 12.8

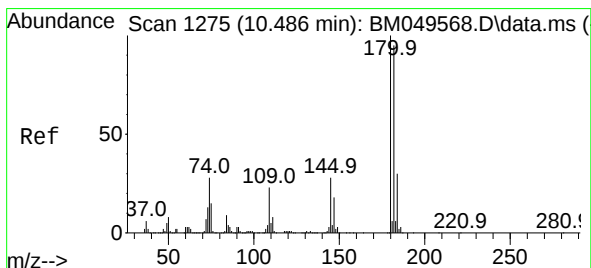
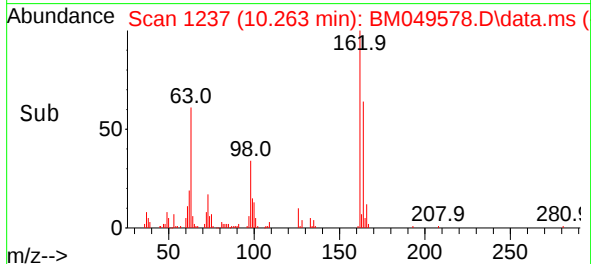
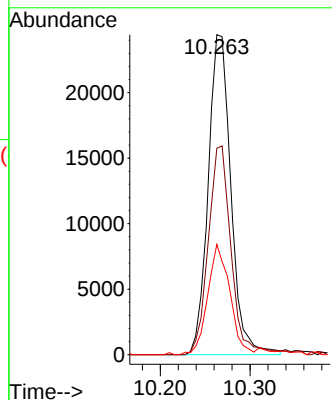
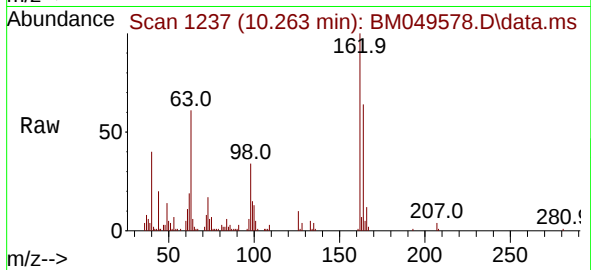




#29
2,4-Dichlorophenol
Concen: 4.137 ng
RT: 10.263 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

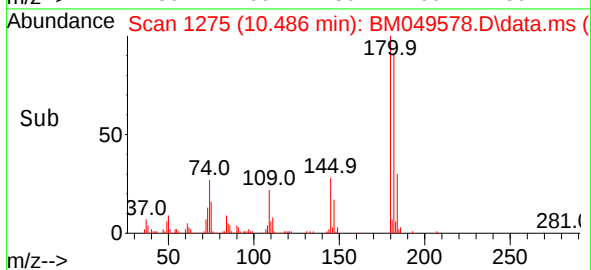
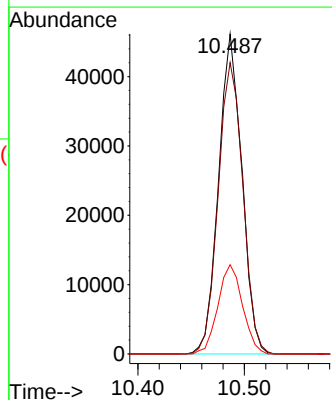
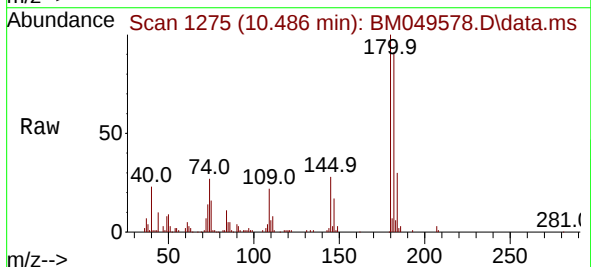
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

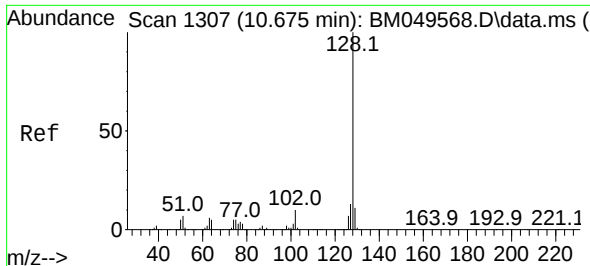
Tgt Ion:162 Resp: 43022
Ion Ratio Lower Upper
162 100
164 64.5 46.0 86.0
98 34.4 14.7 54.7



#30
1,2,4-Trichlorobenzene
Concen: 5.502 ng
RT: 10.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:180 Resp: 70090
Ion Ratio Lower Upper
180 100
182 91.1 76.4 114.6
145 27.9 22.5 33.7

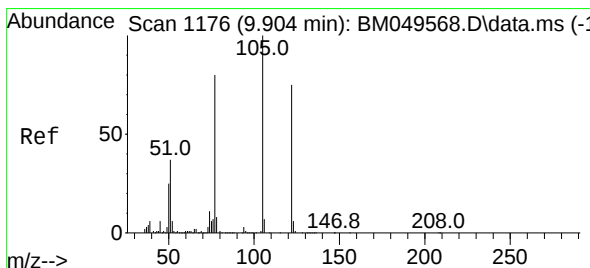
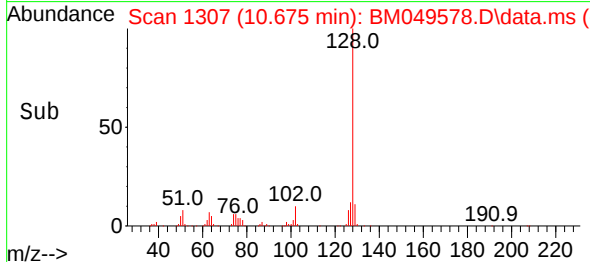
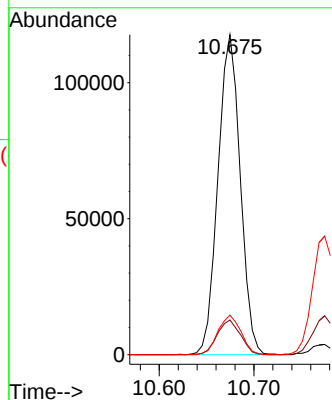
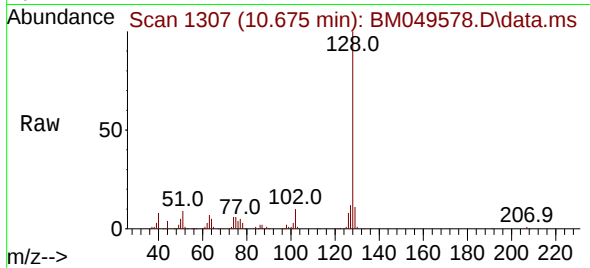




#31
Naphthalene
Concen: 5.358 ng
RT: 10.675 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

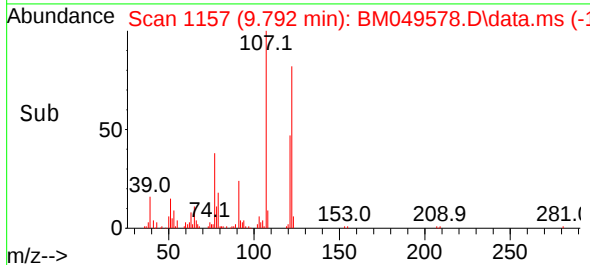
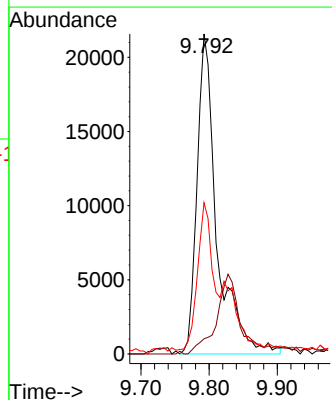
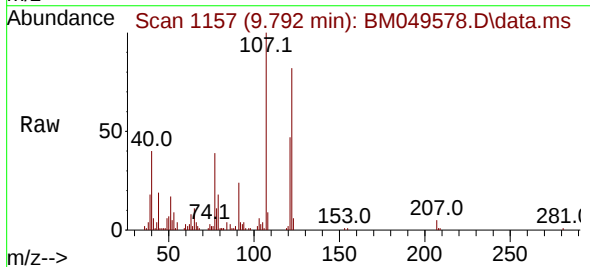
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

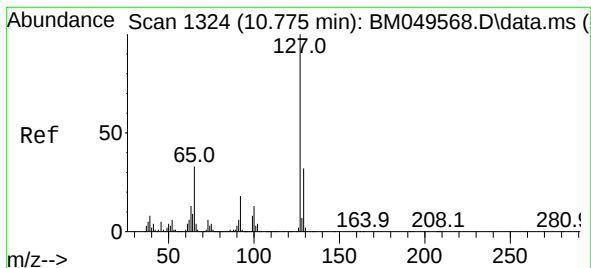
Tgt Ion:128 Resp: 192455
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.4 10.6 15.8



#32
Benzoic acid
Concen: 15.855 ng
RT: 9.792 min Scan# 1157
Delta R.T. -0.112 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:122 Resp: 43743
Ion Ratio Lower Upper
122 100
105 4.7 103.6 143.6#
77 47.3 82.4 122.4#





#33

4-Chloroaniline

Concen: 5.414 ng

RT: 10.775 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:127 Resp: 72797

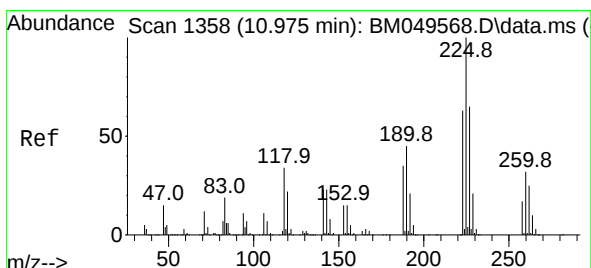
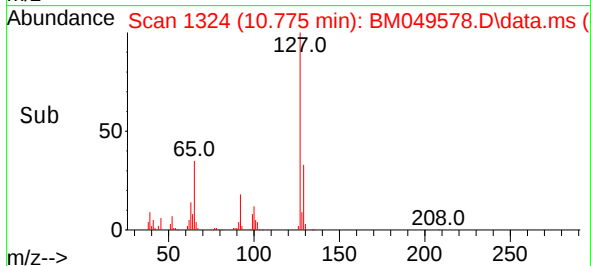
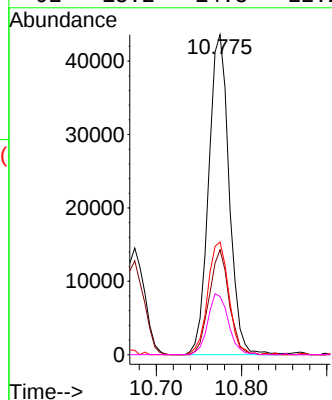
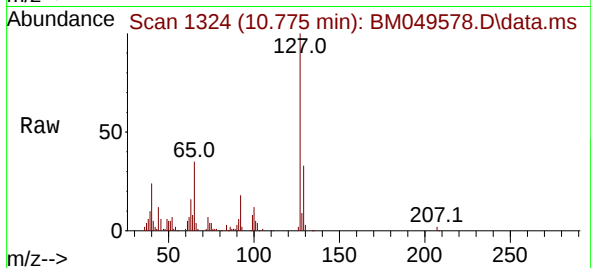
Ion Ratio Lower Upper

127 100

129 32.8 25.8 38.8

65 35.2 26.4 39.6

92 18.2 14.8 22.2



#34

Hexachlorobutadiene

Concen: 5.385 ng

RT: 10.975 min Scan# 1358

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

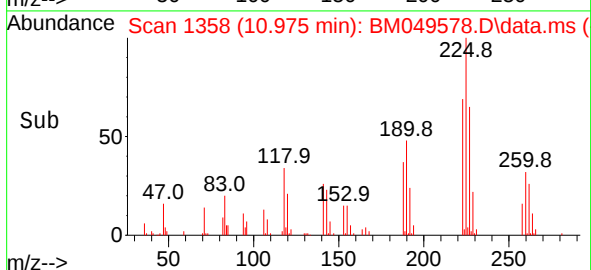
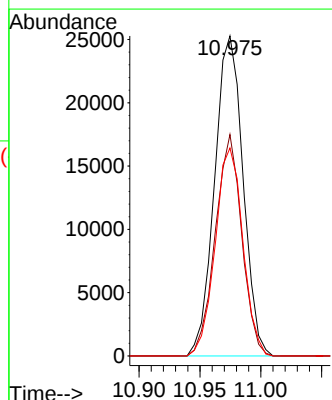
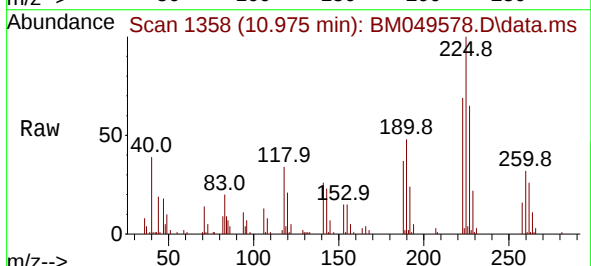
Tgt Ion:225 Resp: 41079

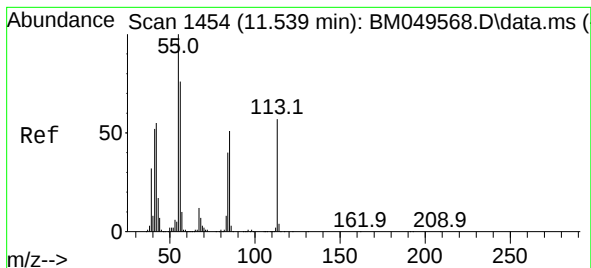
Ion Ratio Lower Upper

225 100

223 72.1 50.6 75.8

227 65.0 51.8 77.6





#35

Caprolactam

Concen: 3.819 ng

RT: 11.510 min Scan# 1449

Delta R.T. -0.029 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

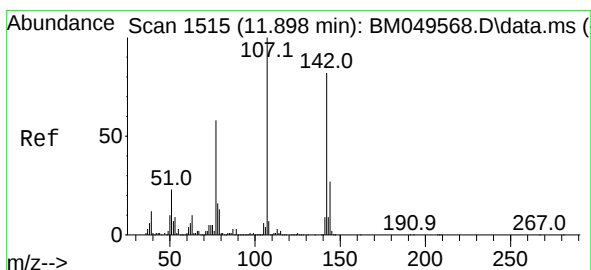
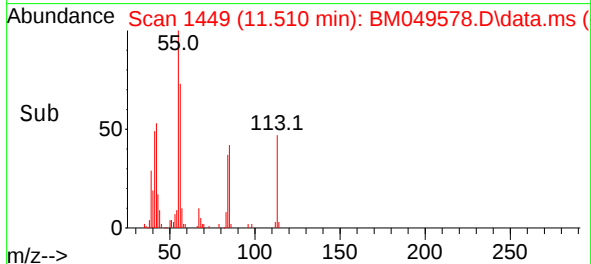
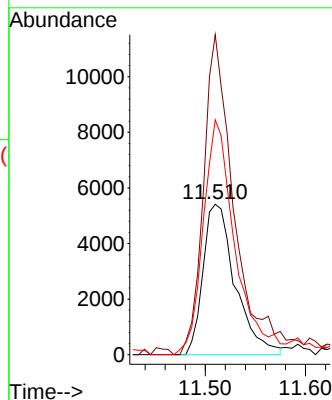
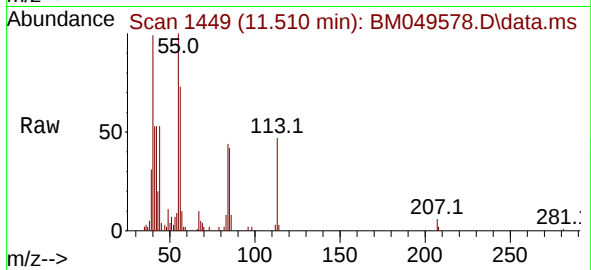
Tgt Ion:113 Resp: 12116

Ion Ratio Lower Upper

113 100

55 212.7 157.5 197.5#

56 156.1 114.6 154.6#



#36

4-Chloro-3-methylphenol

Concen: 4.100 ng

RT: 11.892 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

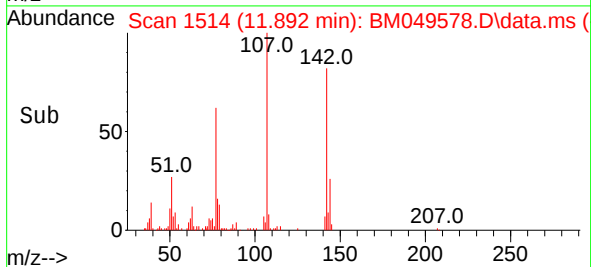
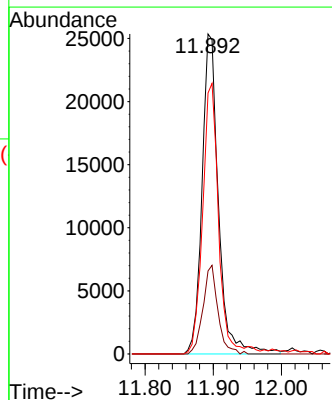
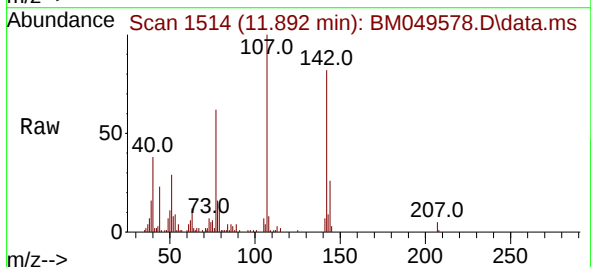
Tgt Ion:107 Resp: 42513

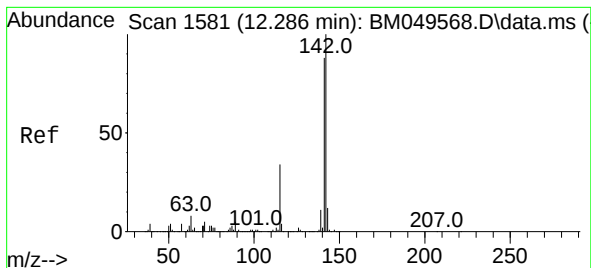
Ion Ratio Lower Upper

107 100

144 25.9 21.2 31.8

142 81.5 65.4 98.2

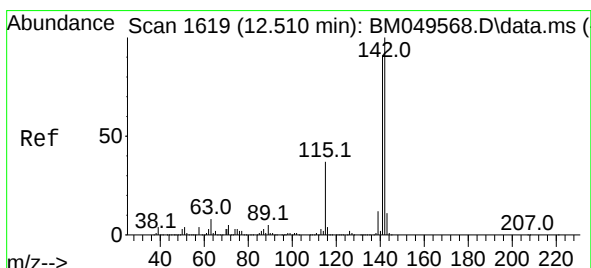
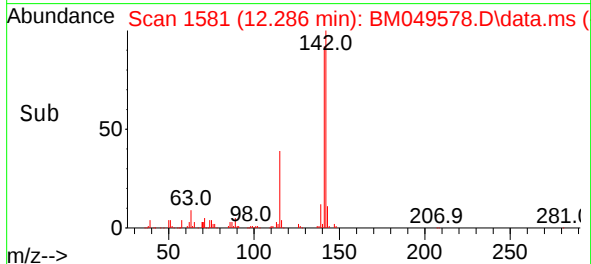
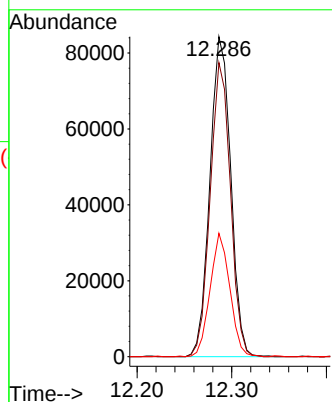
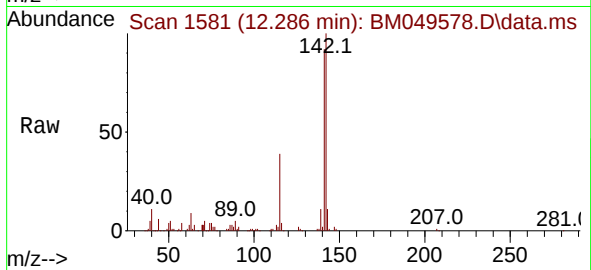




#37
2-Methylnaphthalene
Concen: 5.088 ng
RT: 12.286 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

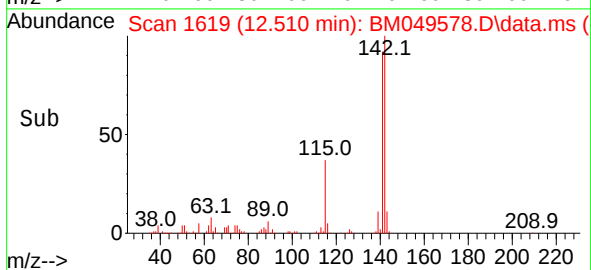
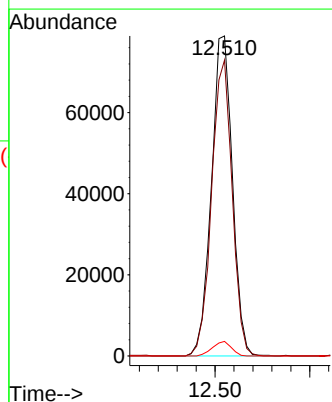
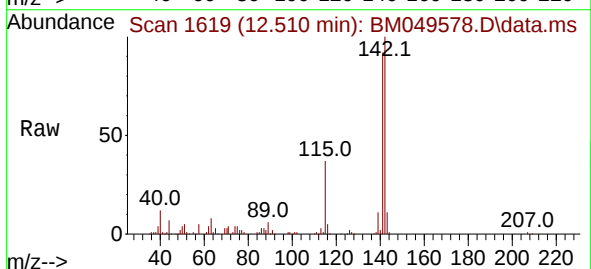
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

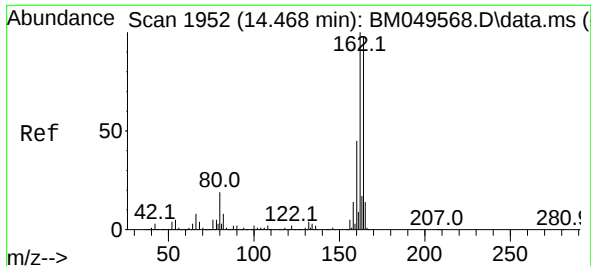
Tgt Ion:142 Resp: 128669
Ion Ratio Lower Upper
142 100
141 91.9 70.2 105.4
115 38.6 27.5 41.3



#38
1-Methylnaphthalene
Concen: 4.933 ng
RT: 12.510 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:142 Resp: 121390
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7
116 4.5 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

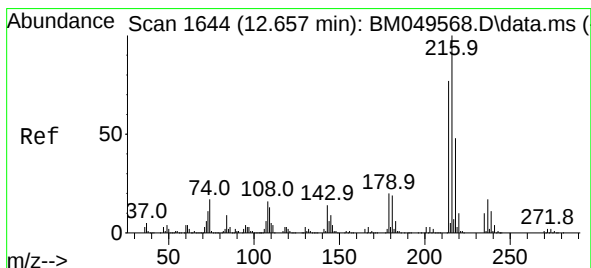
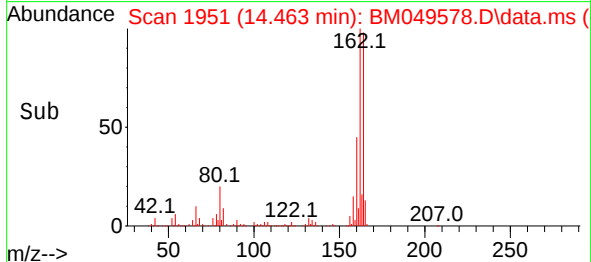
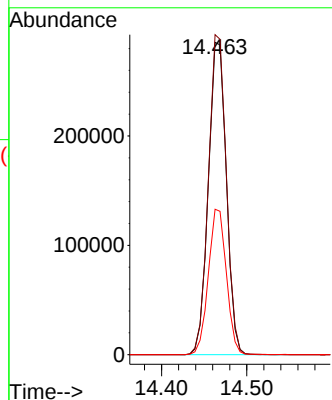
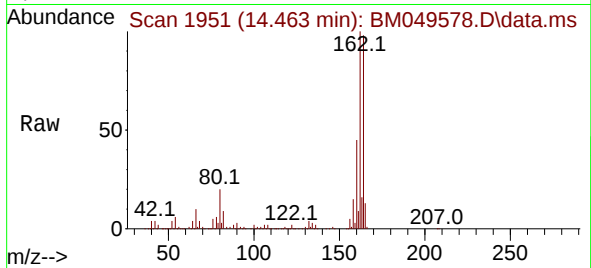
Tgt Ion:164 Resp: 418661

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

160 46.6 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.398 ng

RT: 12.657 min Scan# 1644

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Tgt Ion:216 Resp: 74310

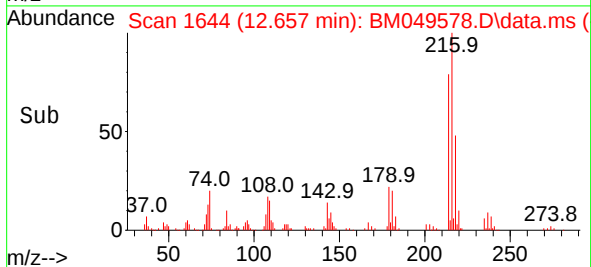
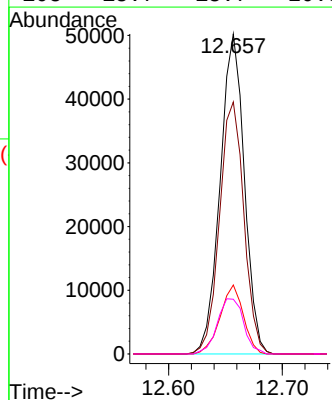
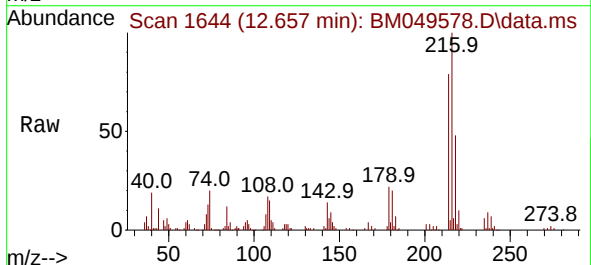
Ion Ratio Lower Upper

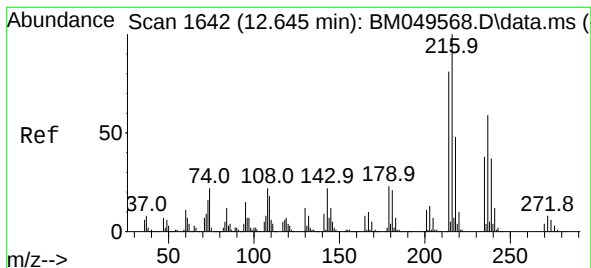
216 100

214 79.2 62.4 93.6

179 20.8 16.3 24.5

108 18.7 13.7 20.5

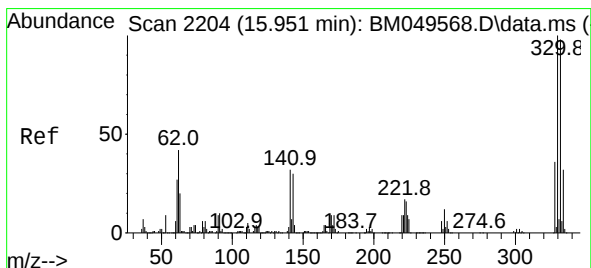
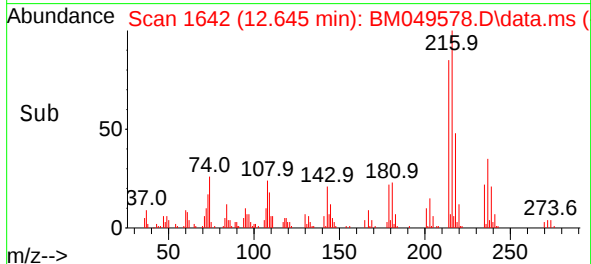
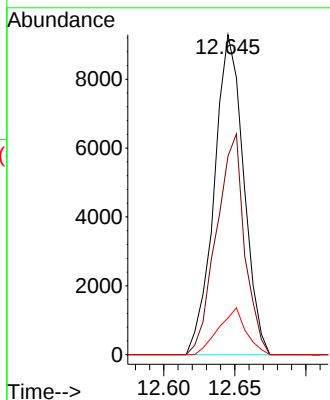
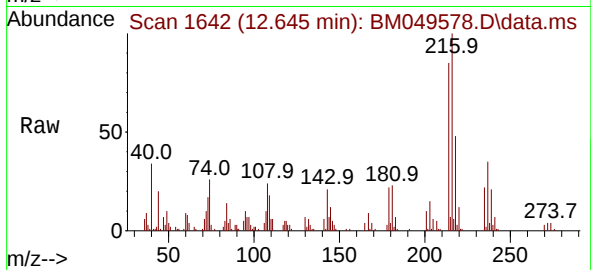




#41
Hexachlorocyclopentadiene
Concen: 3.816 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

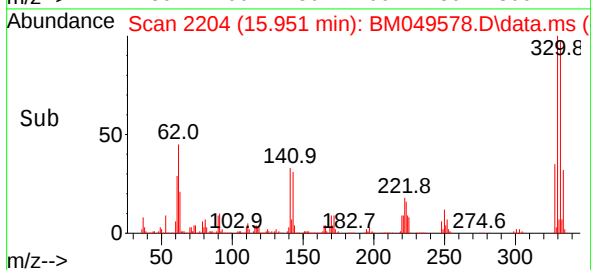
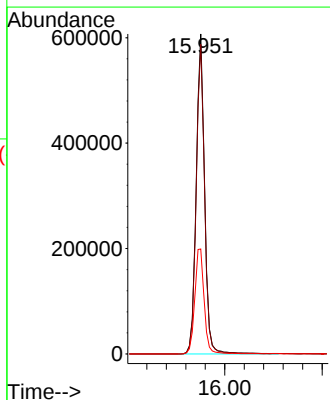
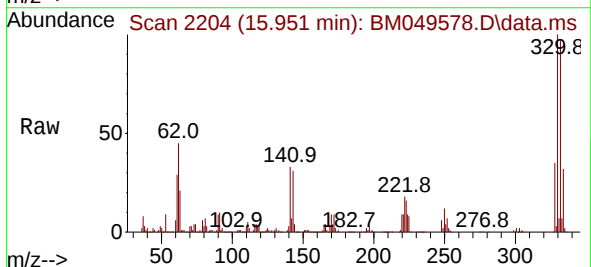
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

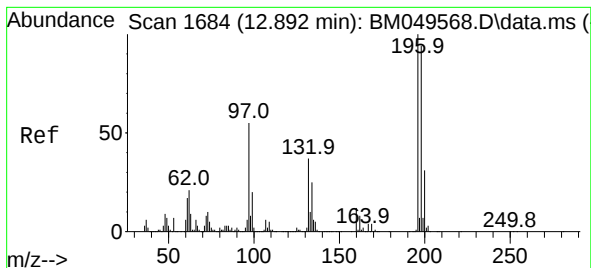
Tgt Ion:	237	Resp:	13408
Ion	Ratio	Lower	Upper
237	100		
235	62.0	43.8	83.8
272	11.4	0.0	33.5



#42
2,4,6-Tribromophenol
Concen: 147.950 ng
RT: 15.951 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:	330	Resp:	733950
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	36.6	28.2	42.2





#43

2,4,6-Trichlorophenol

Concen: 3.535 ng

RT: 12.892 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

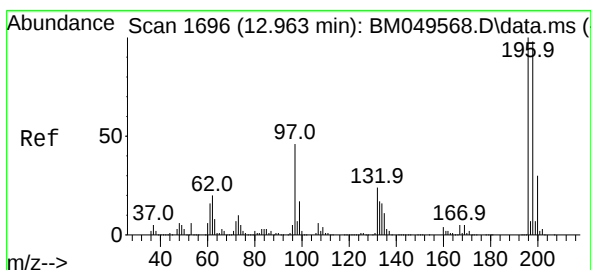
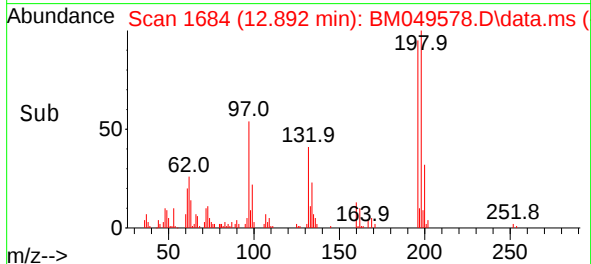
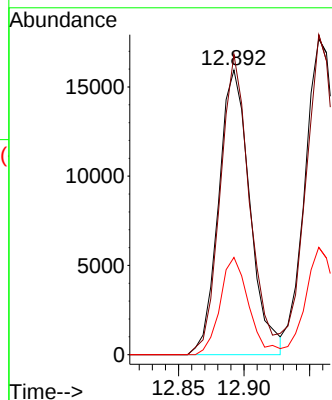
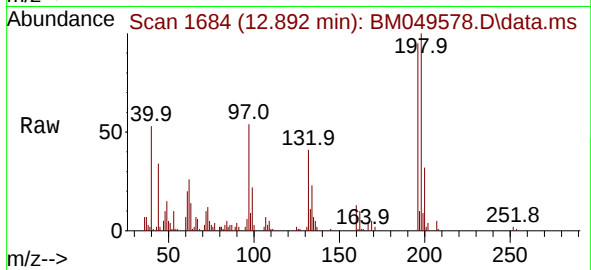
Tgt Ion:196 Resp: 26556

Ion Ratio Lower Upper

196 100

198 105.4 75.4 113.0

200 34.2 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 4.081 ng

RT: 12.957 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Tgt Ion:196 Resp: 33687

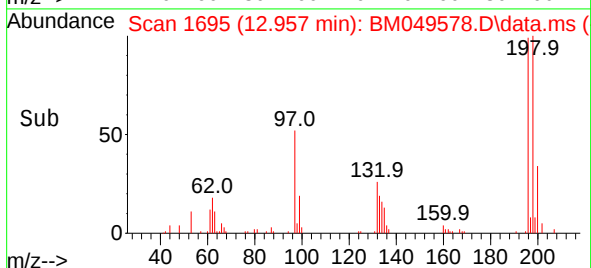
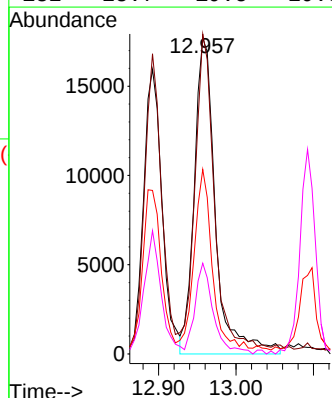
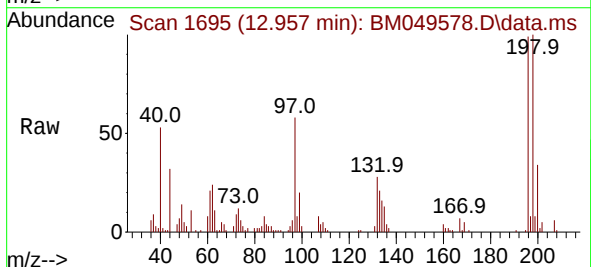
Ion Ratio Lower Upper

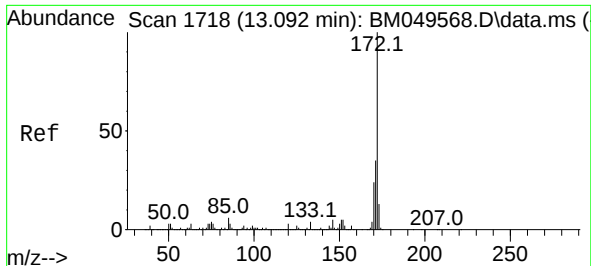
196 100

198 101.3 78.4 117.6

97 58.4 37.4 56.0#

132 28.7 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 112.118 ng

RT: 13.092 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

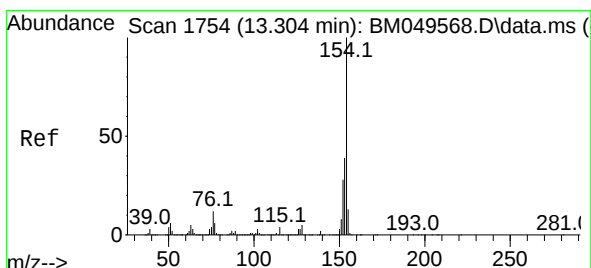
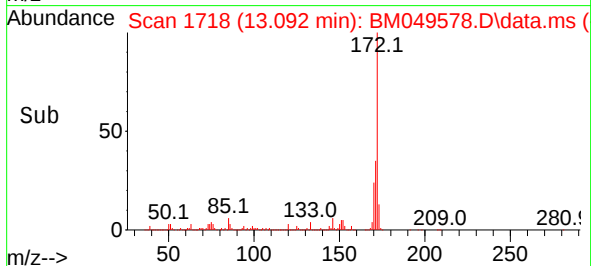
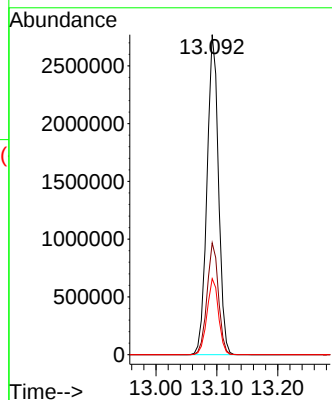
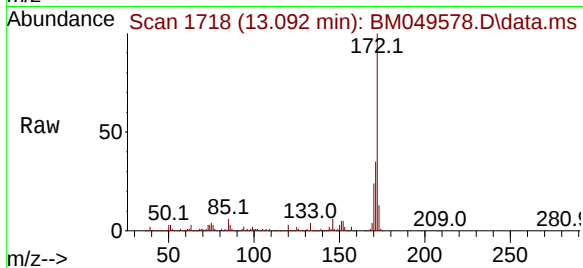
Tgt Ion:172 Resp: 3623418

Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 5.635 ng

RT: 13.304 min Scan# 1754

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

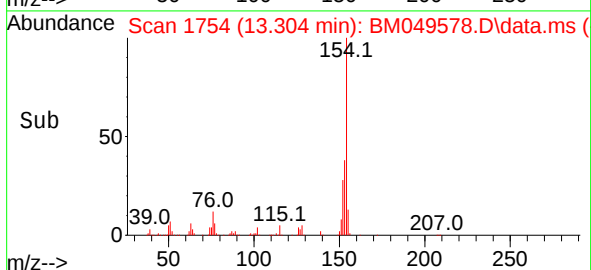
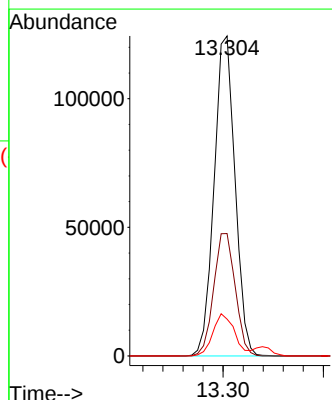
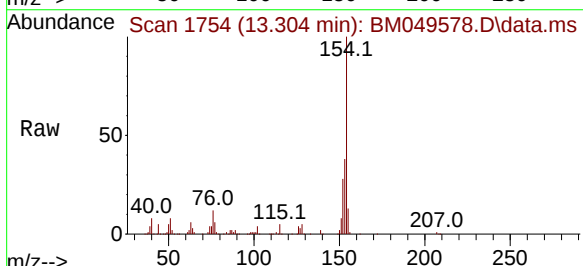
Tgt Ion:154 Resp: 179957

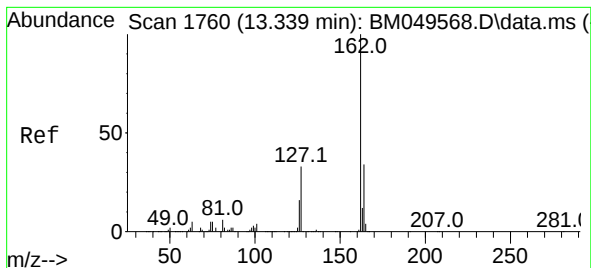
Ion Ratio Lower Upper

154 100

153 38.3 19.5 59.5

76 11.5 0.0 32.1

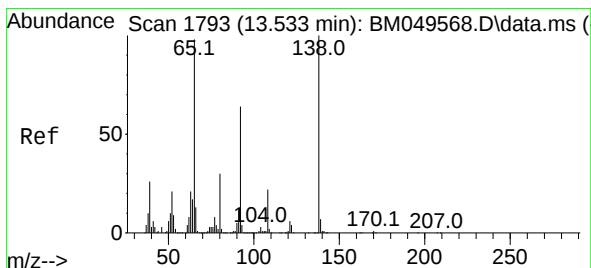
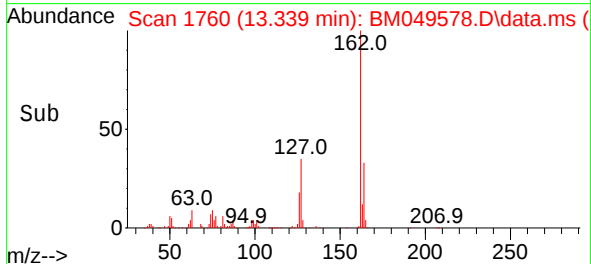
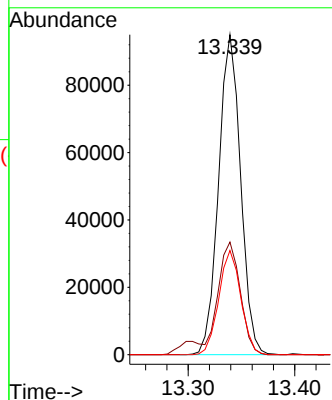
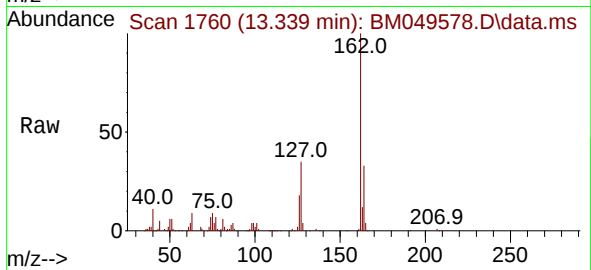




#47
2-Chloronaphthalene
Concen: 5.509 ng
RT: 13.339 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

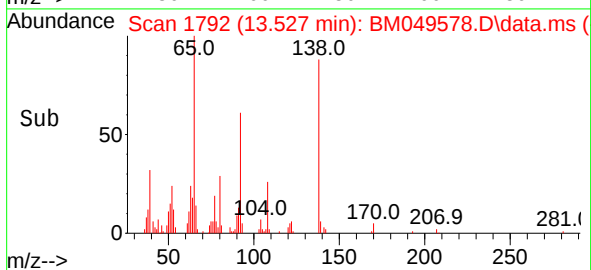
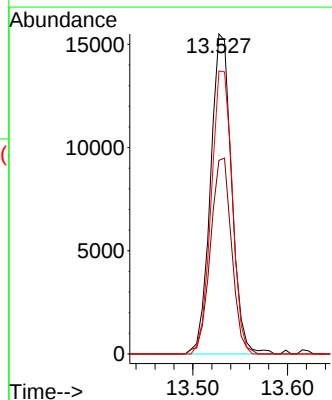
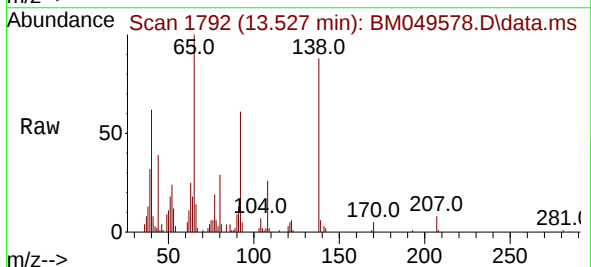
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

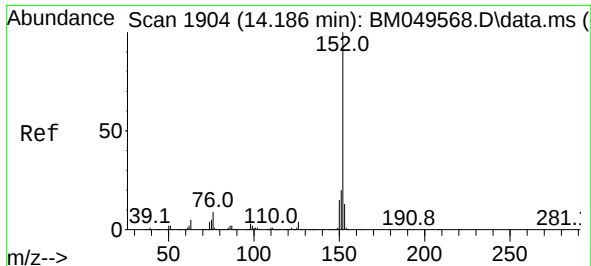
Tgt Ion:162 Resp: 136131
Ion Ratio Lower Upper
162 100
127 35.2 27.9 41.9
164 32.5 26.8 40.2



#48
2-Nitroaniline
Concen: 4.225 ng
RT: 13.527 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion: 65 Resp: 23957
Ion Ratio Lower Upper
65 100
92 60.5 52.0 78.0
138 88.4 81.6 122.4





#49

Acenaphthylene

Concen: 5.664 ng

RT: 14.186 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

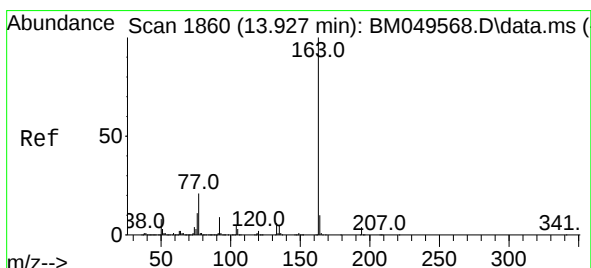
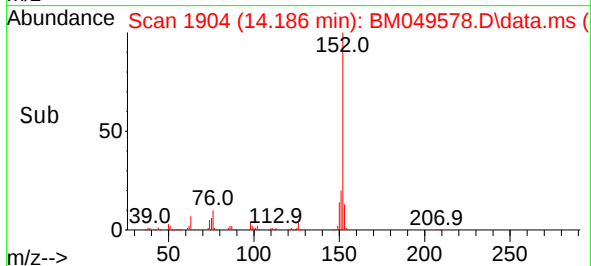
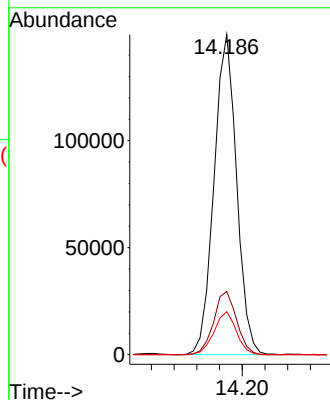
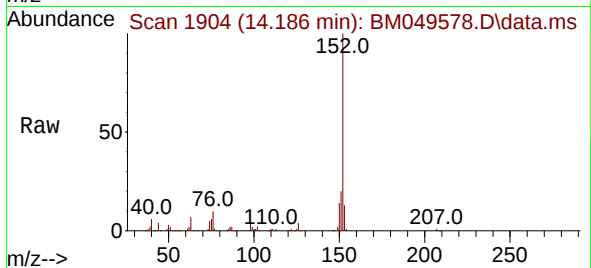
Tgt Ion:152 Resp: 206393

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

153 13.5 10.6 16.0



#50

Dimethylphthalate

Concen: 4.976 ng

RT: 13.922 min Scan# 1859

Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

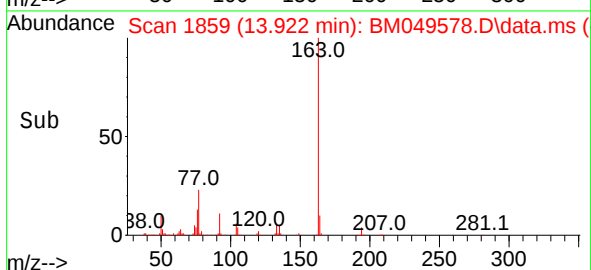
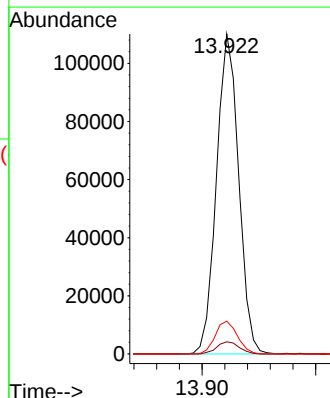
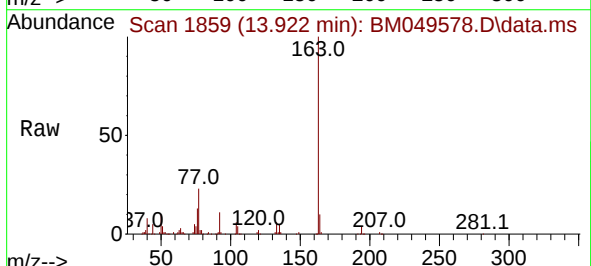
Tgt Ion:163 Resp: 149608

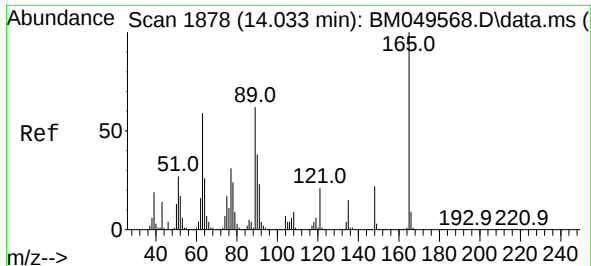
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 4.397 ng

RT: 14.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

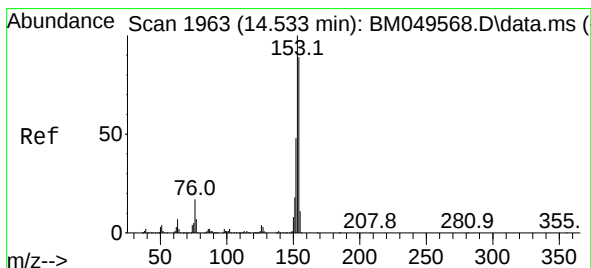
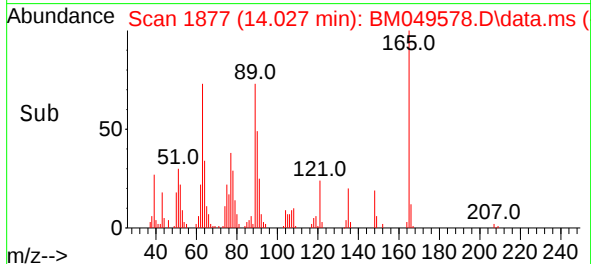
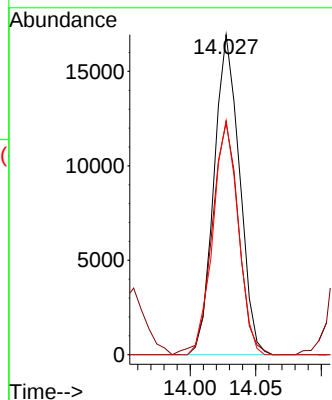
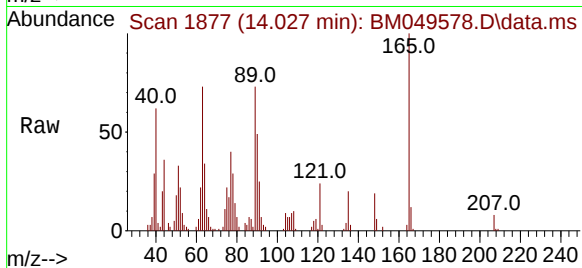
Tgt Ion:165 Resp: 22878

Ion Ratio Lower Upper

165 100

63 72.5 47.8 71.6#

89 73.2 49.2 73.8



#52

Acenaphthene

Concen: 4.984 ng

RT: 14.527 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

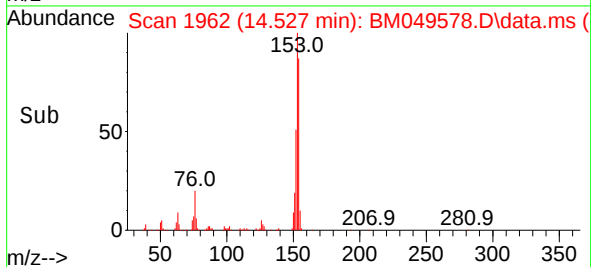
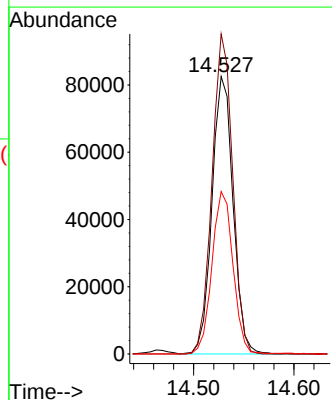
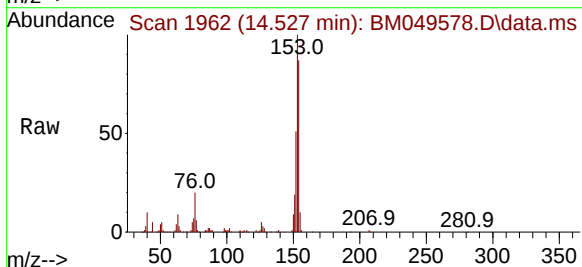
Tgt Ion:154 Resp: 120546

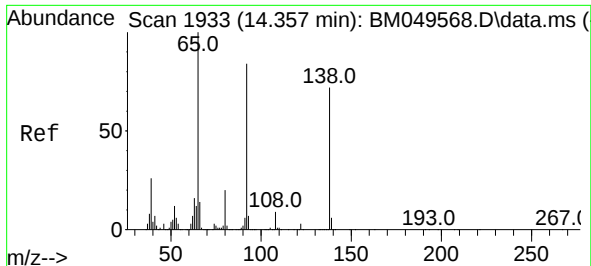
Ion Ratio Lower Upper

154 100

153 115.3 90.0 135.0

152 58.5 43.0 64.4

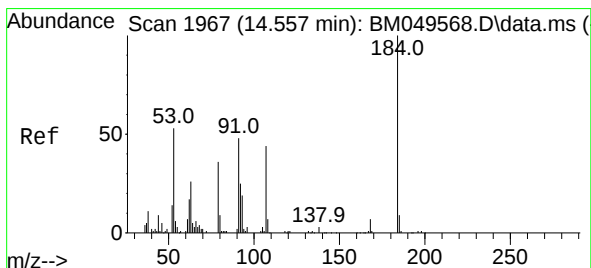
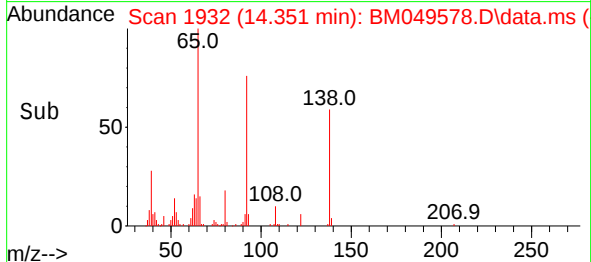
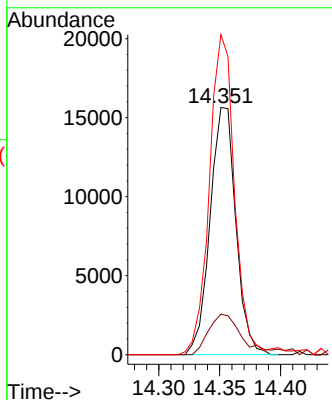
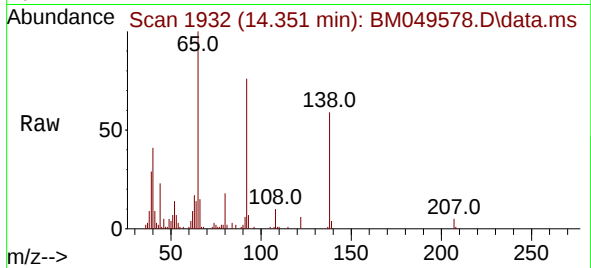




#53
3-Nitroaniline
Concen: 4.357 ng
RT: 14.351 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

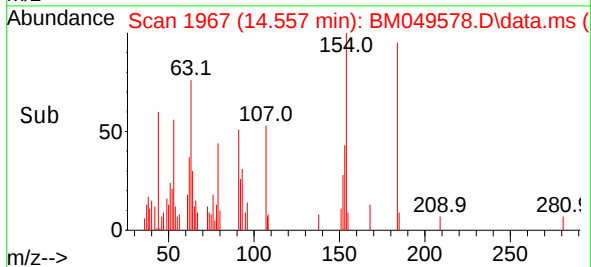
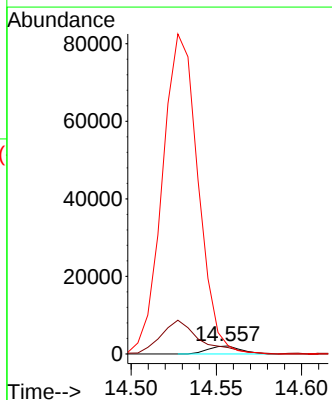
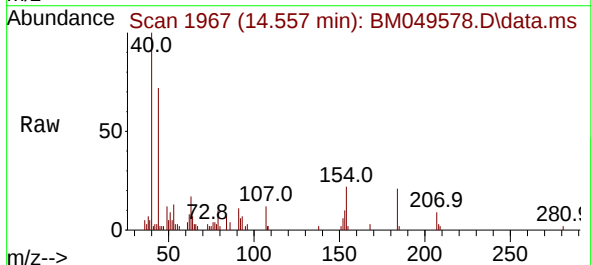
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT1-2025

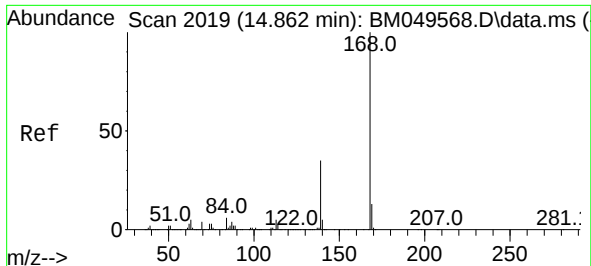
Tgt Ion:138 Resp: 23077
Ion Ratio Lower Upper
138 100
108 16.4 10.3 15.5#
92 129.5 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 5.535 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:184 Resp: 2700
Ion Ratio Lower Upper
184 100
63 79.9 60.2 90.4
154 105.5 78.2 117.4





#55

Dibenzenofuran

Concen: 5.234 ng

RT: 14.863 min Scan# 201562

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

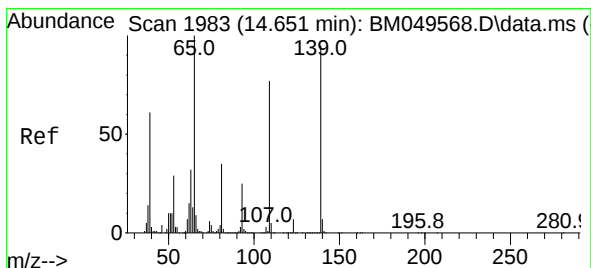
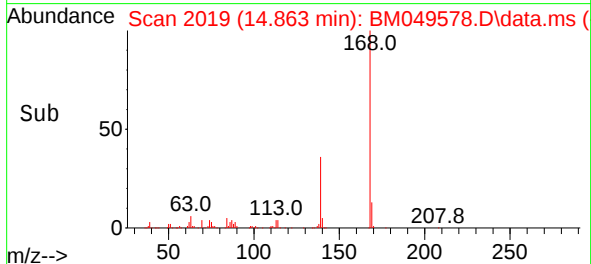
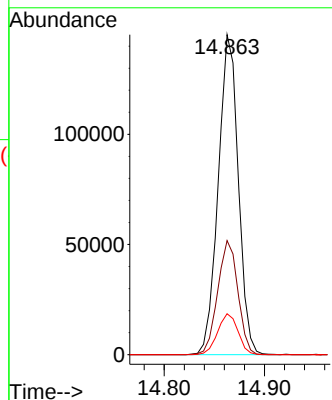
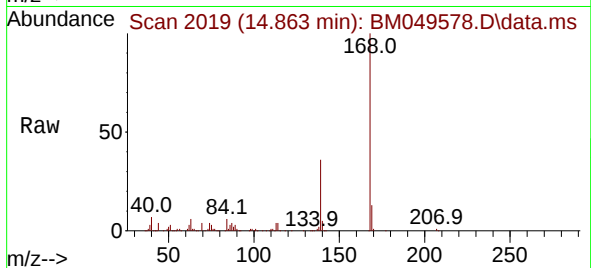
Tgt Ion:168 Resp: 201562

Ion Ratio Lower Upper

168 100

139 35.7 28.4 42.6

169 12.8 10.8 16.2



#56

4-Nitrophenol

Concen: 2.719 ng

RT: 14.651 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

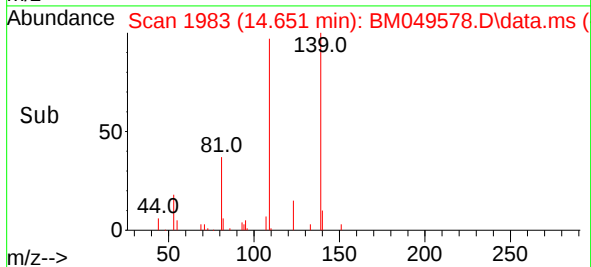
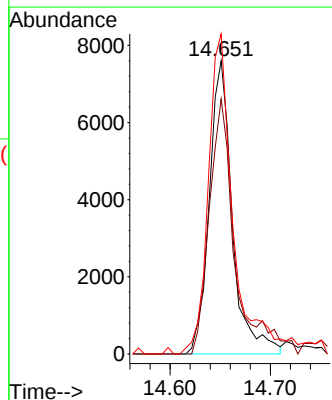
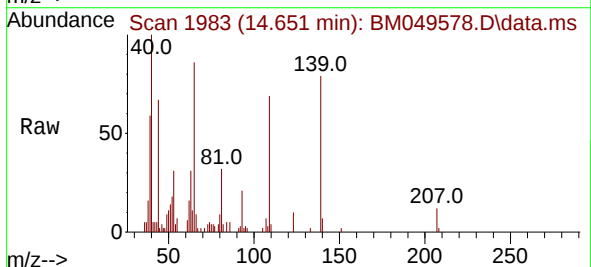
Tgt Ion:139 Resp: 12140

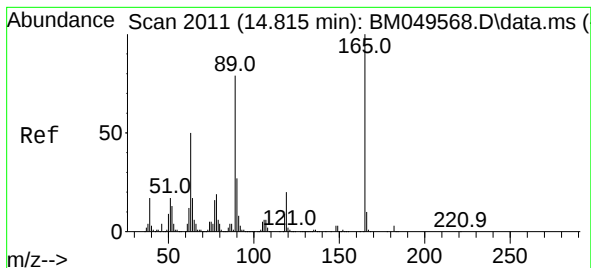
Ion Ratio Lower Upper

139 100

109 87.0 61.4 101.4

65 109.2 85.6 125.6





#57

2,4-Dinitrotoluene

Concen: 6.299 ng

RT: 14.816 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:165 Resp: 23764

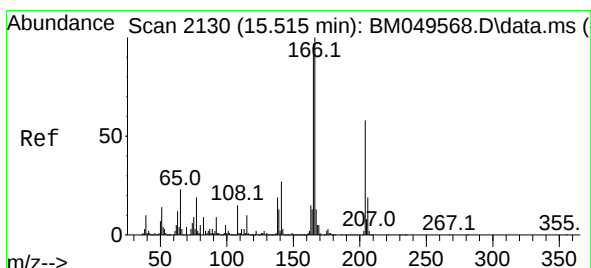
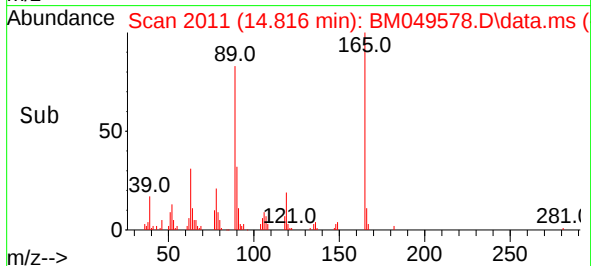
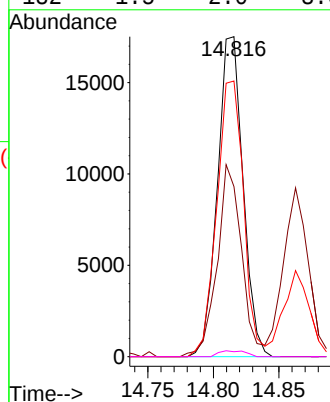
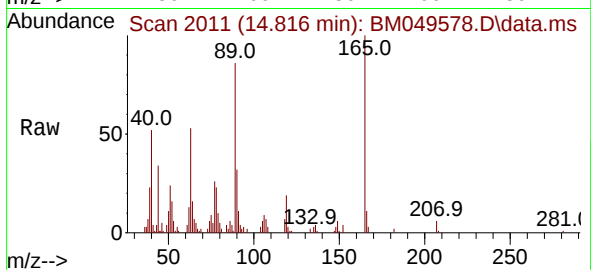
Ion Ratio Lower Upper

165 100

63 53.2 39.8 59.6

89 86.2 63.5 95.3

182 1.5 2.0 3.0#



#58

Fluorene

Concen: 4.823 ng

RT: 15.510 min Scan# 2129

Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

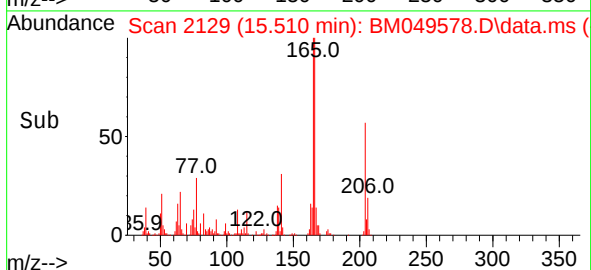
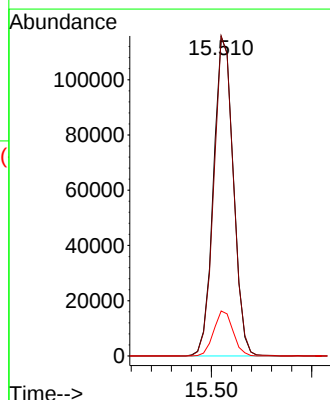
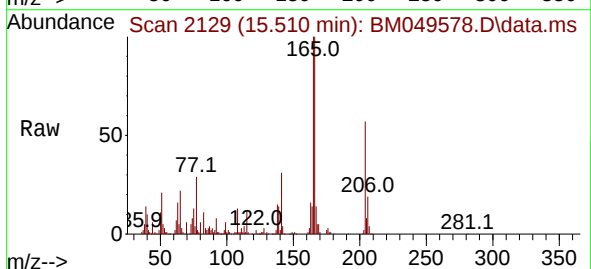
Tgt Ion:166 Resp: 158899

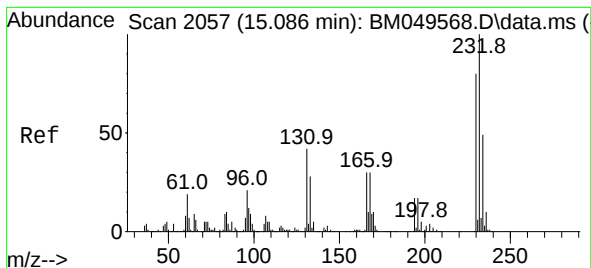
Ion Ratio Lower Upper

166 100

165 100.2 77.7 116.5

167 14.1 10.7 16.1

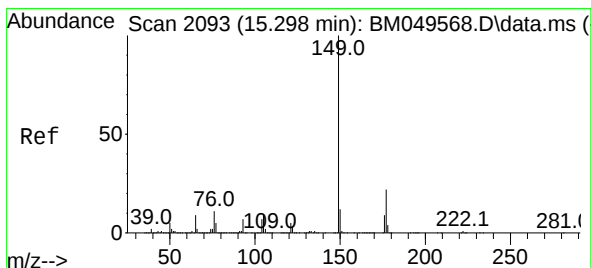
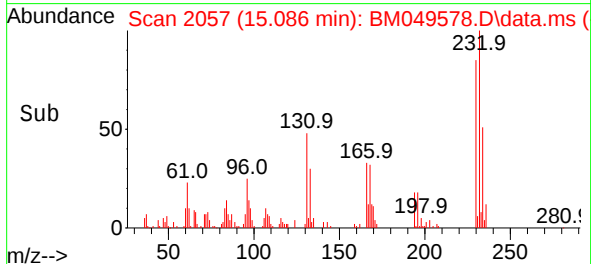
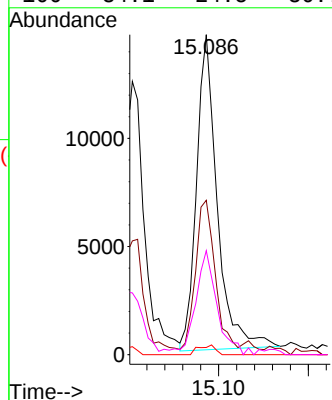
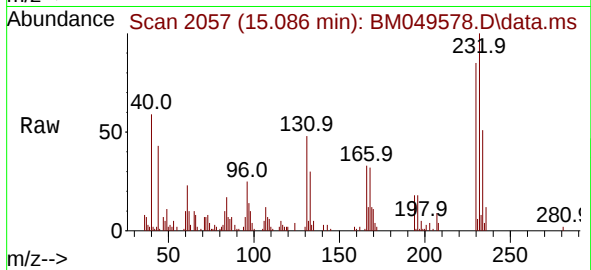




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.342 ng
RT: 15.086 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

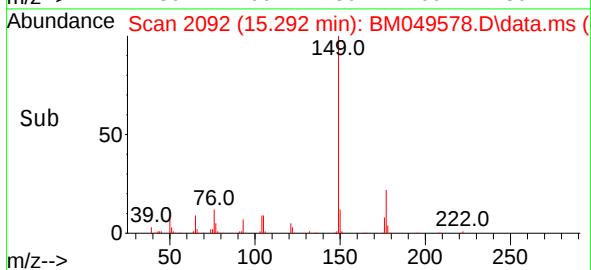
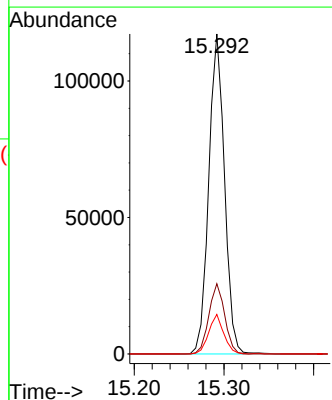
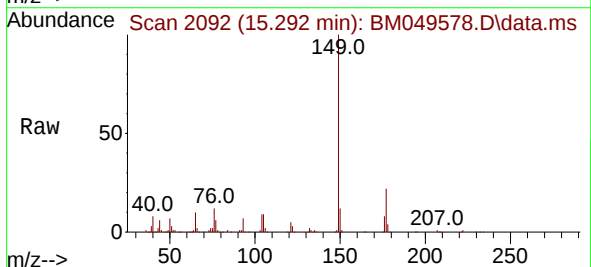
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

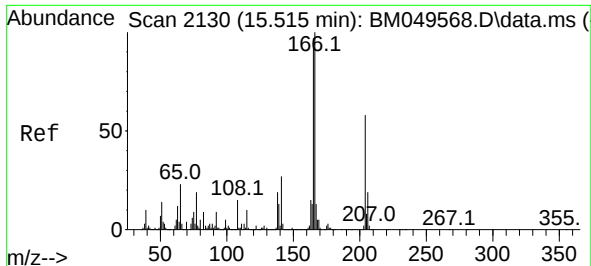
Tgt Ion:	232	Resp:	23309
Ion Ratio	Lower	Upper	
232	100		
131	44.5	34.5	51.7
130	2.5	1.9	2.9
166	34.1	24.5	36.7



#60
Diethylphthalate
Concen: 4.715 ng
RT: 15.292 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:	149	Resp:	142476
Ion Ratio	Lower	Upper	
149	100		
177	22.0	18.0	27.0
150	12.4	9.7	14.5

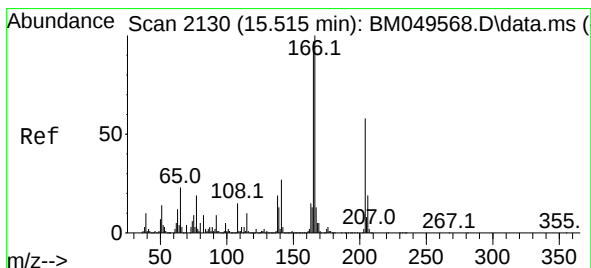
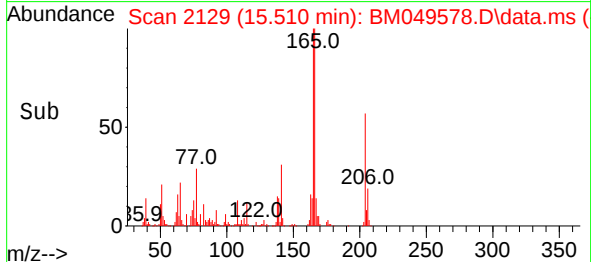
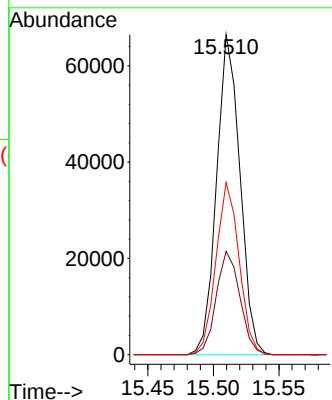
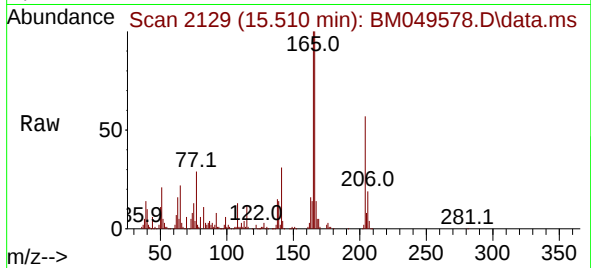




#61
4-Chlorophenyl-phenylether
Concen: 4.696 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

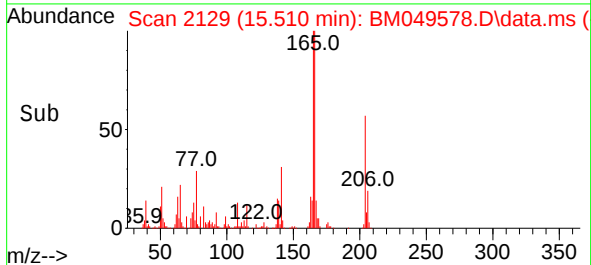
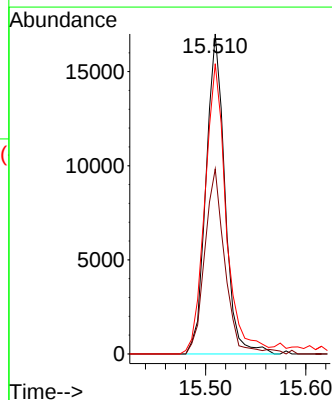
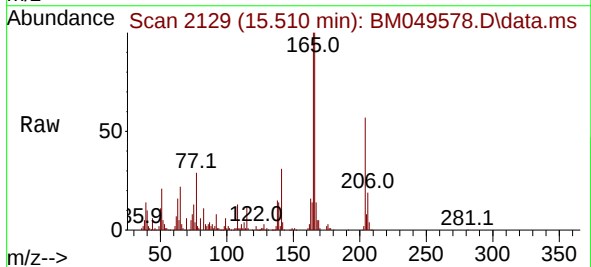
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

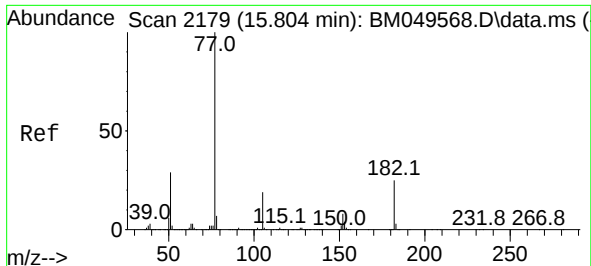
Tgt Ion:204 Resp: 82339
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 53.8 37.1 55.7



#62
4-Nitroaniline
Concen: 3.763 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:138 Resp: 22321
Ion Ratio Lower Upper
138 100
92 57.8 29.3 69.3
108 90.7 60.1 100.1

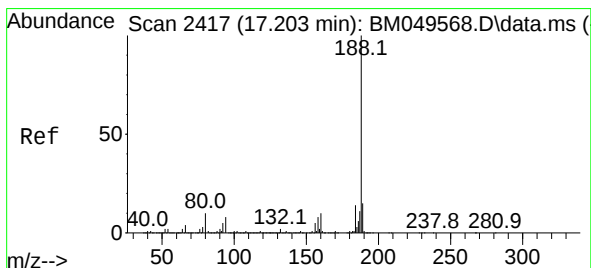
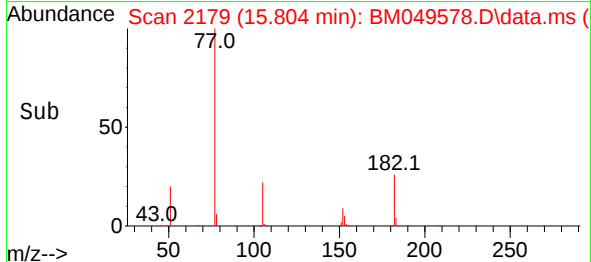
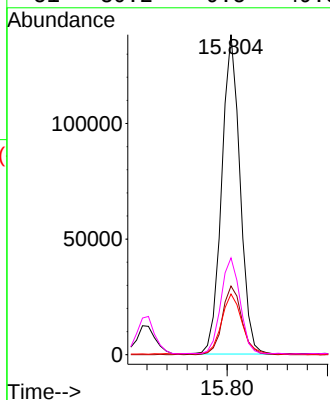
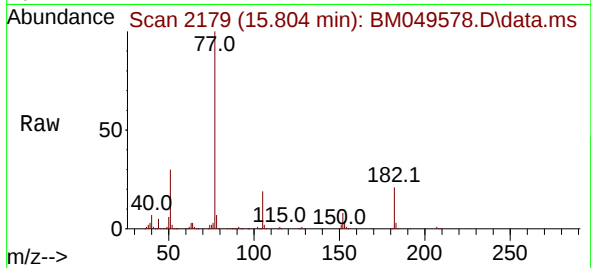




#63
Azobenzene
Concen: 5.558 ng
RT: 15.804 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

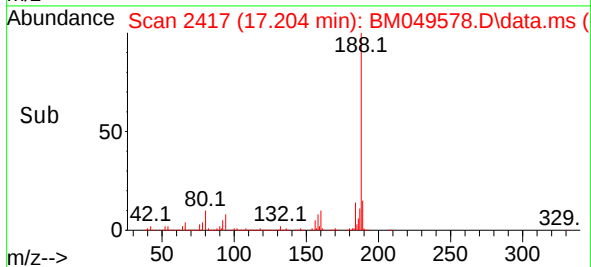
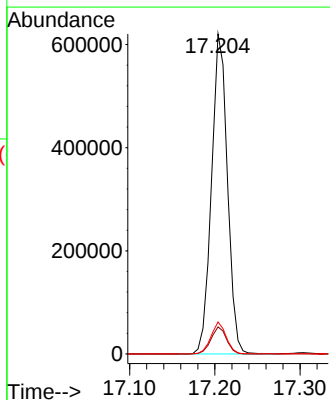
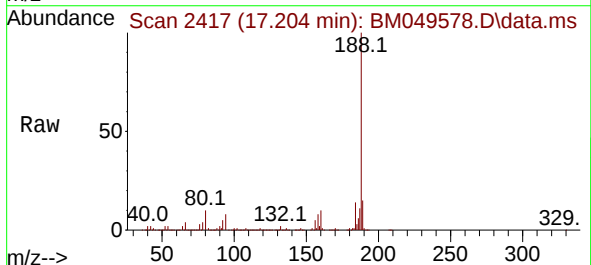
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

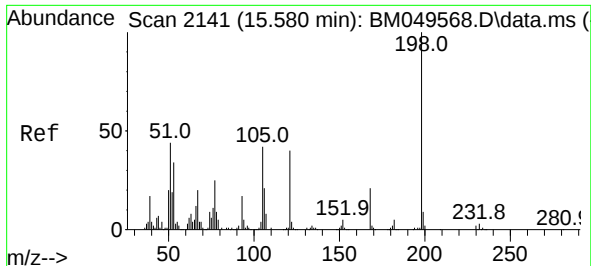
Tgt Ion:	77	Resp:	175284
Ion	Ratio	Lower	Upper
77	100		
182	21.4	4.7	44.7
105	18.9	0.0	39.3
51	30.2	9.5	49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:	188	Resp:	806030
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	10.0	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 6.579 ng

RT: 15.574 min Scan# 2141

Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

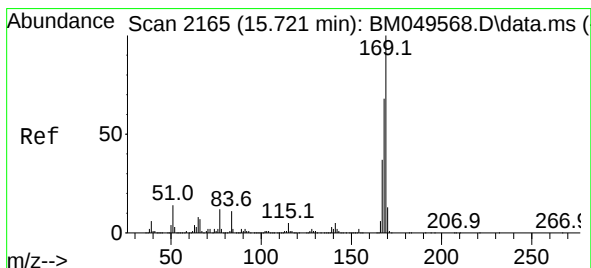
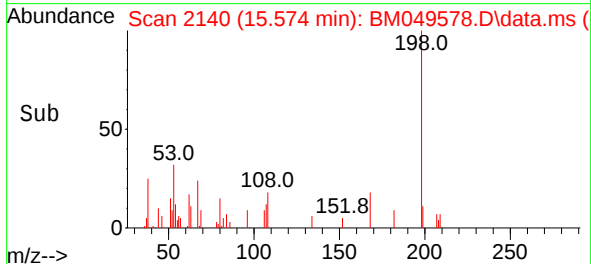
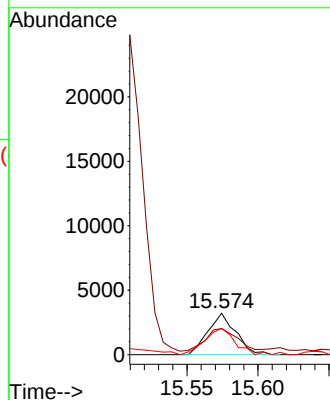
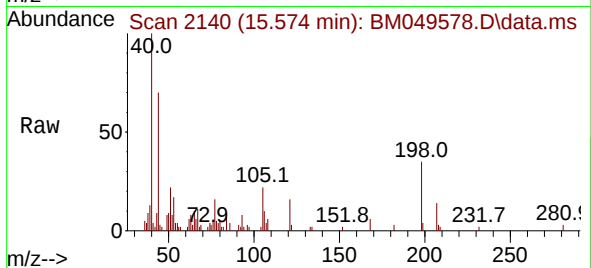
Tgt Ion:198 Resp: 4390

Ion Ratio Lower Upper

198 100

51 63.2 26.9 66.9

105 63.1 22.8 62.8#



#66

n-Nitrosodiphenylamine

Concen: 4.923 ng

RT: 15.721 min Scan# 2165

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

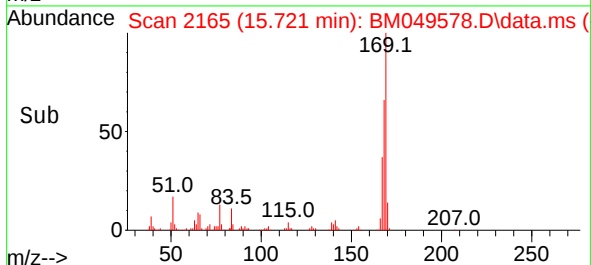
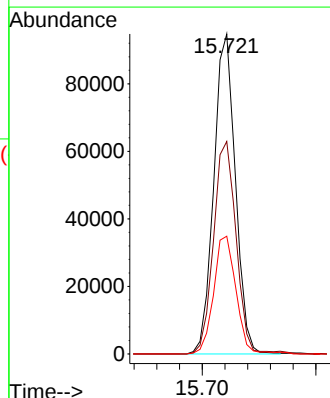
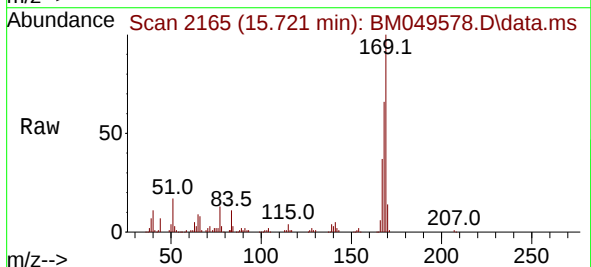
Tgt Ion:169 Resp: 125147

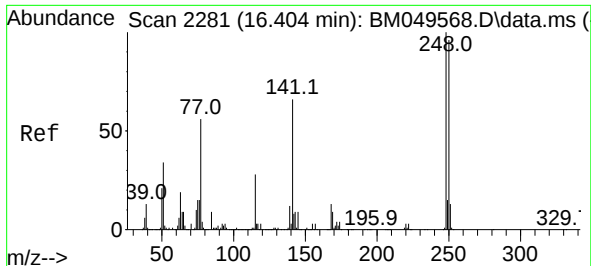
Ion Ratio Lower Upper

169 100

168 66.4 54.2 81.4

167 36.8 29.5 44.3

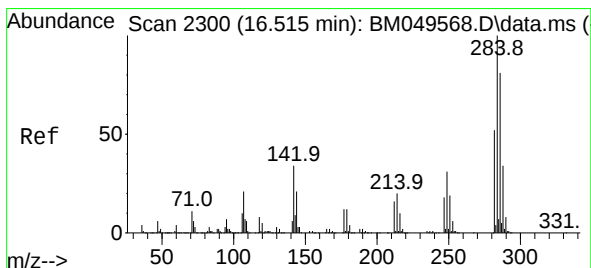
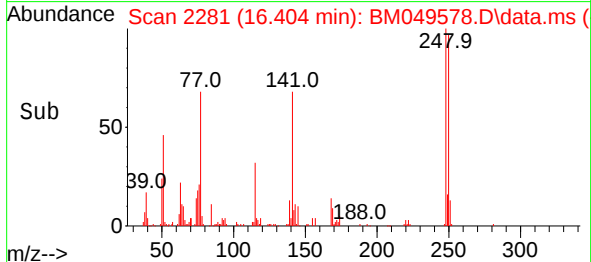
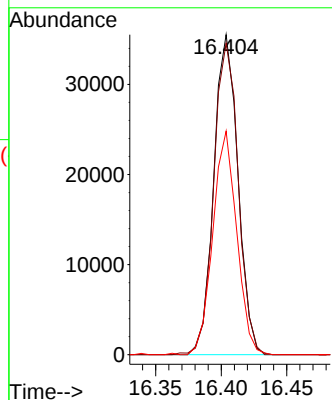
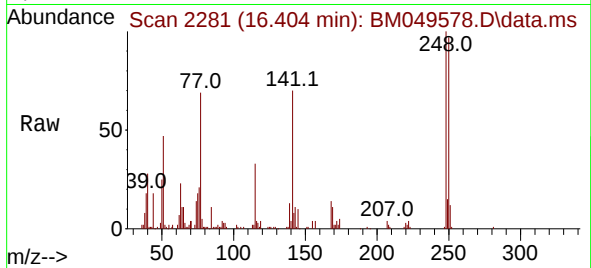




#67
4-Bromophenyl-phenylether
Concen: 4.857 ng
RT: 16.404 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

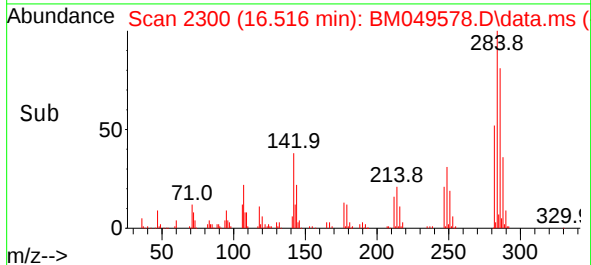
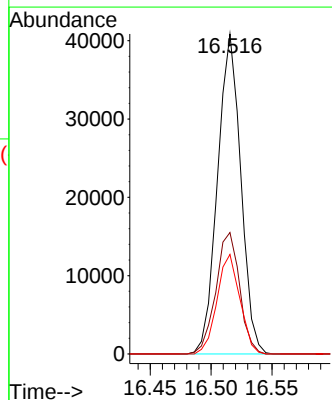
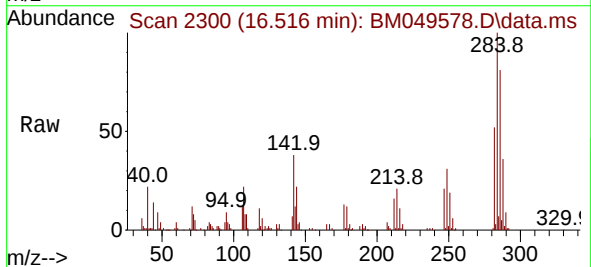
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

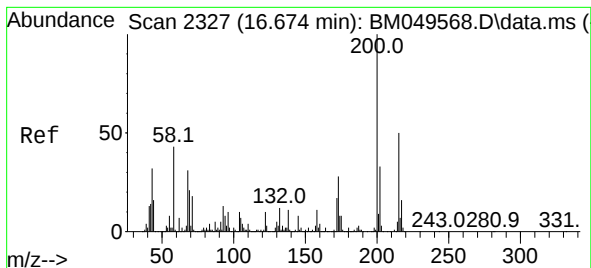
Tgt Ion:248 Resp: 45477
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.4
141 69.9 53.0 79.4



#68
Hexachlorobenzene
Concen: 5.046 ng
RT: 16.516 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:284 Resp: 54229
Ion Ratio Lower Upper
284 100
142 38.0 27.1 40.7
249 31.1 24.6 36.8





#69

Atrazine

Concen: 4.547 ng

RT: 16.674 min Scan# 2327

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

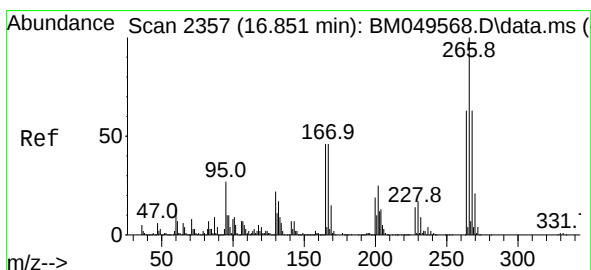
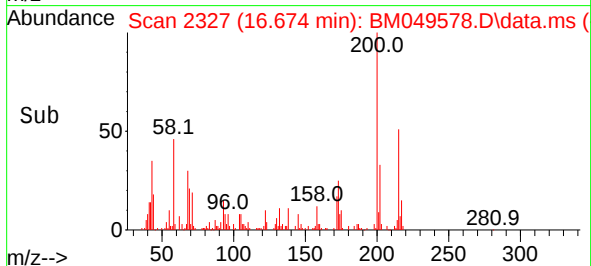
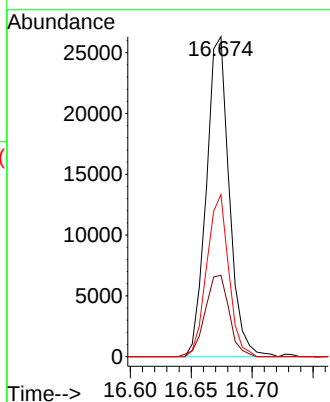
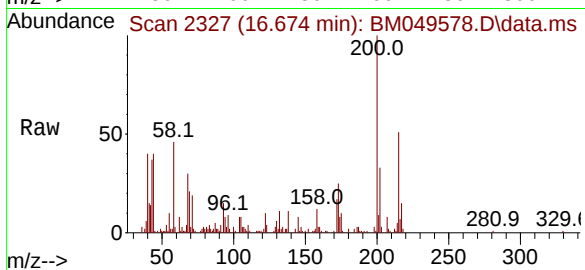
Tgt Ion:200 Resp: 34358

Ion Ratio Lower Upper

200 100

173 25.5 7.6 47.6

215 50.6 30.2 70.2



#70

Pentachlorophenol

Concen: 9.439 ng

RT: 16.851 min Scan# 2357

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

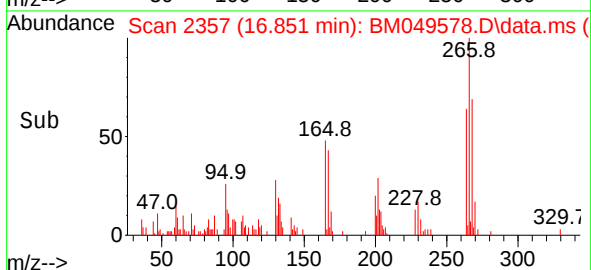
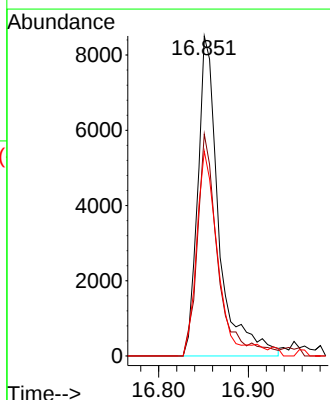
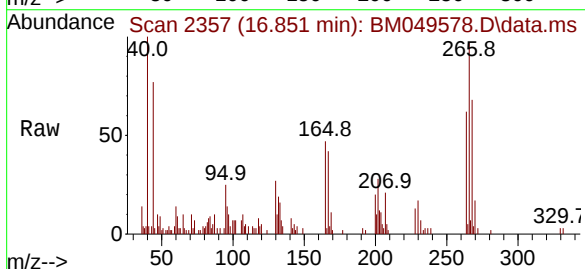
Tgt Ion:266 Resp: 13858

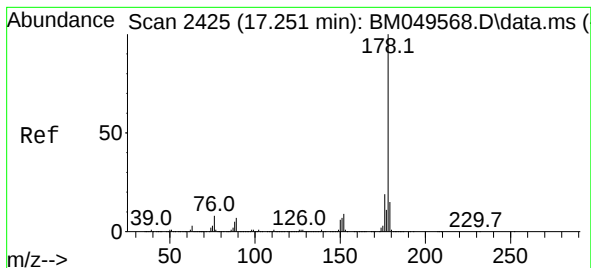
Ion Ratio Lower Upper

266 100

268 73.1 50.8 76.2

264 64.0 50.0 75.0





#71

Phenanthrene

Concen: 5.211 ng

RT: 17.245 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

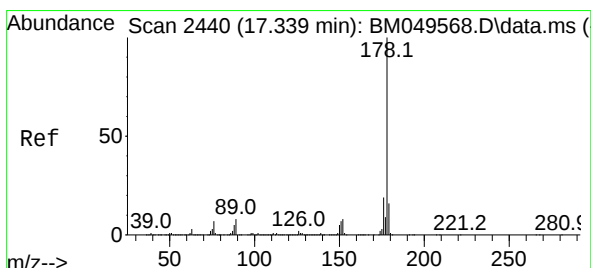
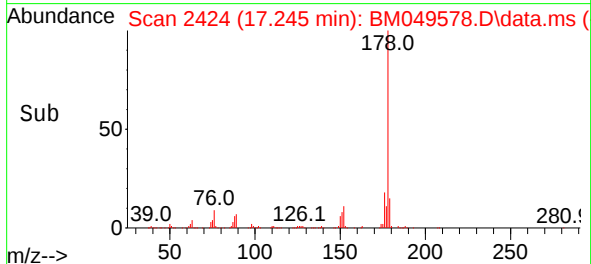
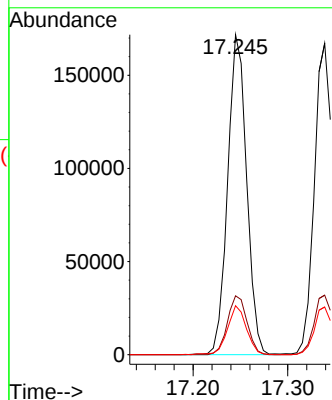
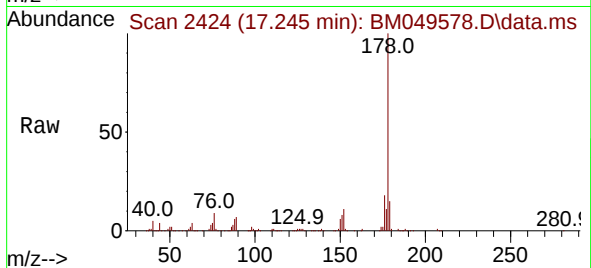
Tgt Ion:178 Resp: 239303

Ion Ratio Lower Upper

178 100

176 18.4 15.5 23.3

179 15.3 12.2 18.2



#72

Anthracene

Concen: 5.035 ng

RT: 17.339 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

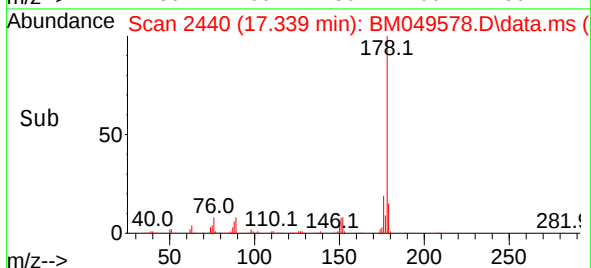
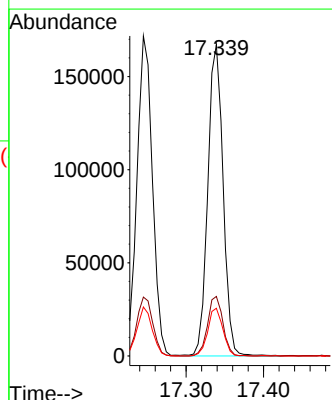
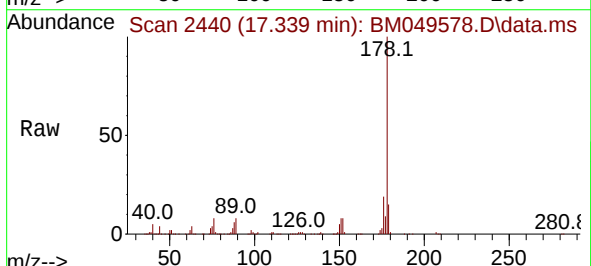
Tgt Ion:178 Resp: 228925

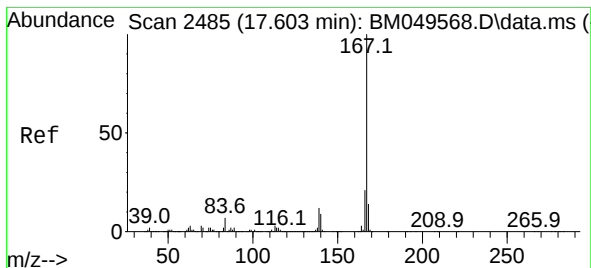
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.3 12.4 18.6





#73

Carbazole

Concen: 5.046 ng

RT: 17.598 min Scan# 2484

Delta R.T. -0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

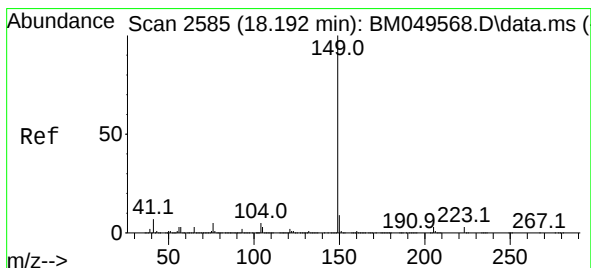
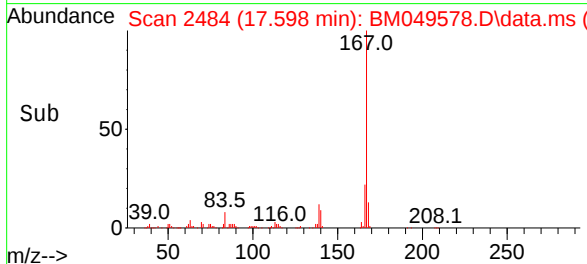
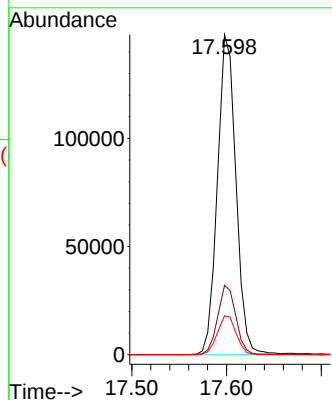
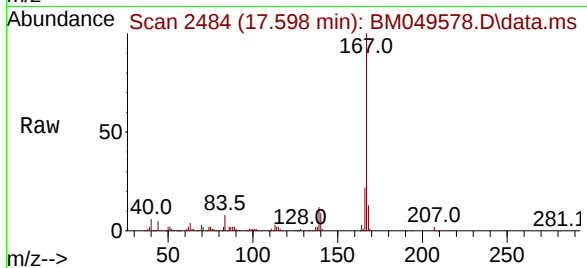
Tgt Ion:167 Resp: 201364

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.1 9.6 14.4



#74

Di-n-butylphthalate

Concen: 3.791 ng

RT: 18.192 min Scan# 2585

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

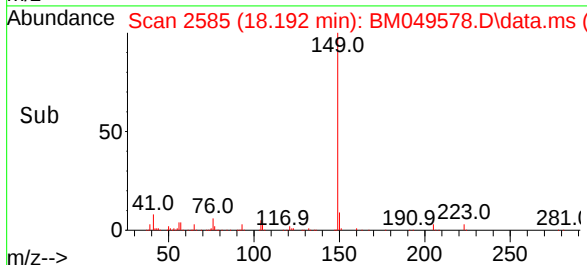
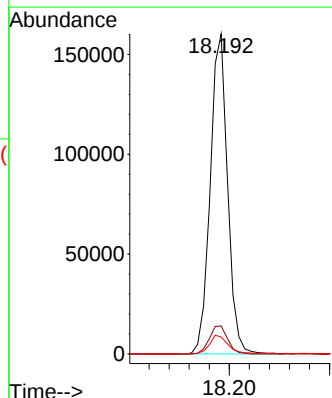
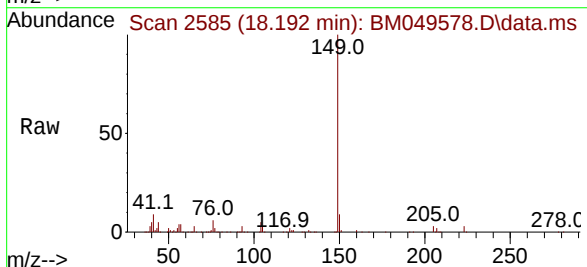
Tgt Ion:149 Resp: 191961

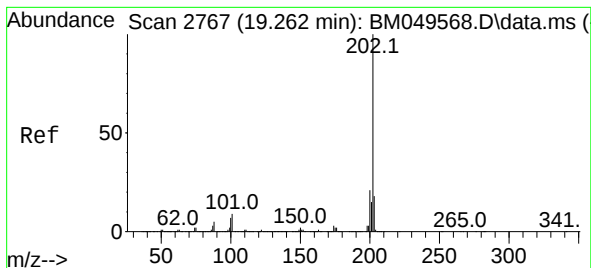
Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.0

104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 4.524 ng

RT: 19.262 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

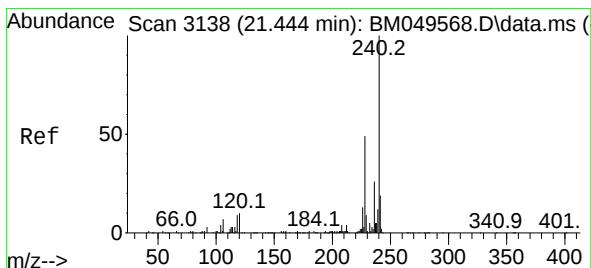
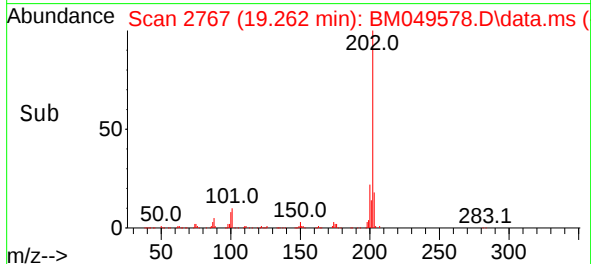
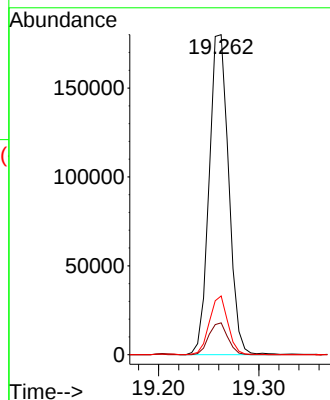
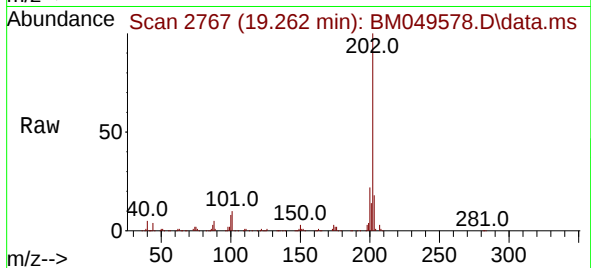
Tgt Ion:202 Resp: 243190

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.1

203 18.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

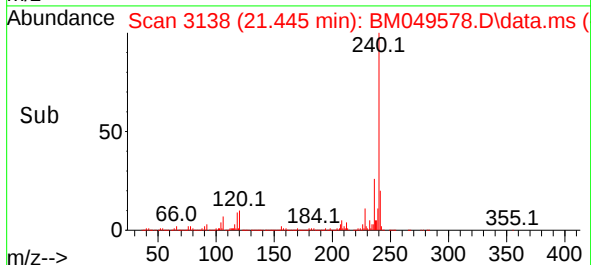
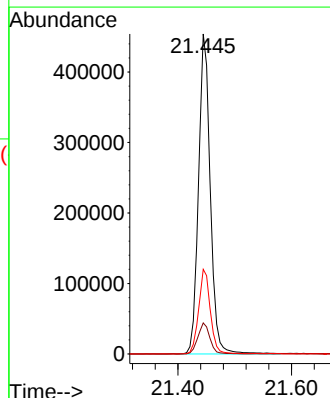
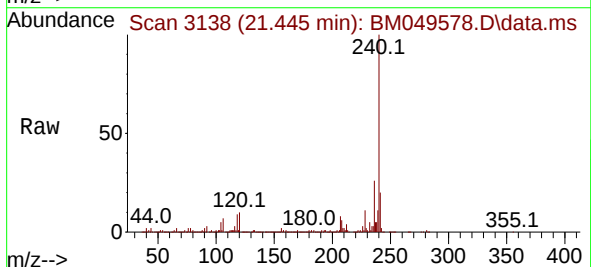
Tgt Ion:240 Resp: 654337

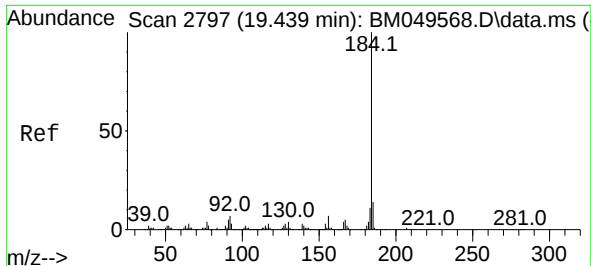
Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.8

236 26.5 20.6 31.0

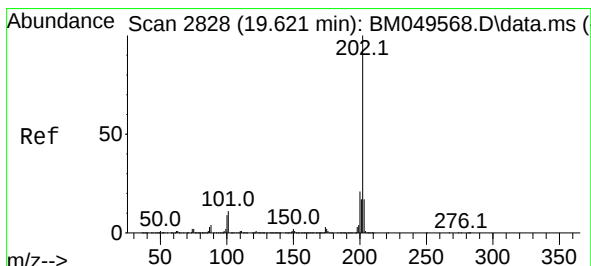
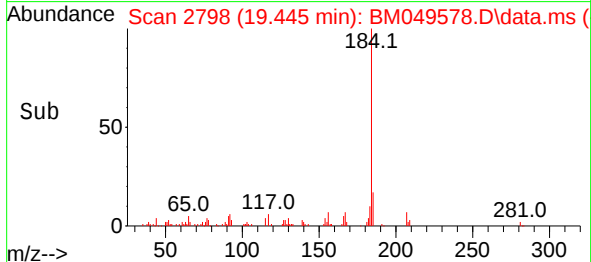
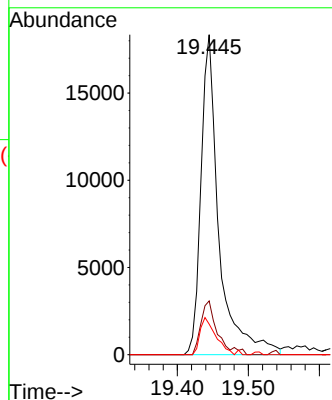
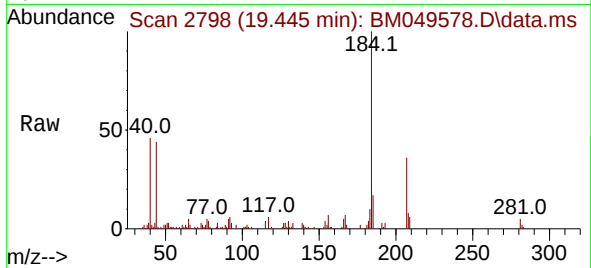




#77
Benzidine
Concen: 5.553 ng
RT: 19.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

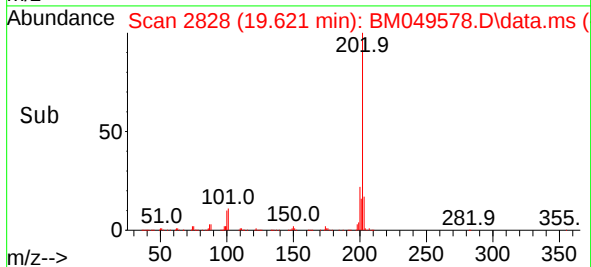
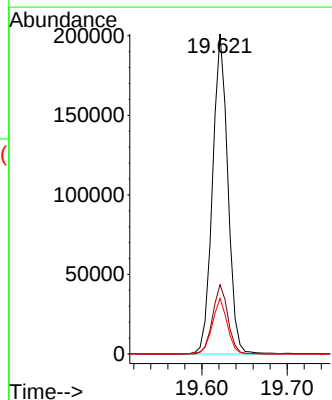
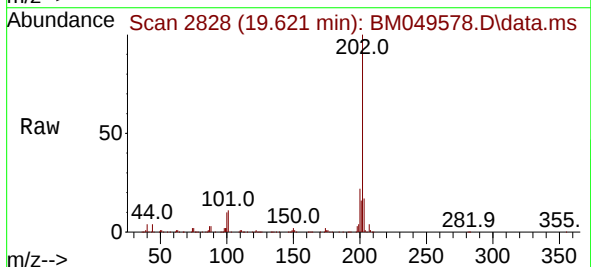
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

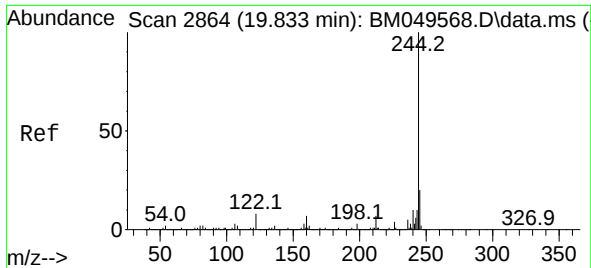
Tgt Ion:184 Resp: 32179
Ion Ratio Lower Upper
184 100
185 16.8 11.6 17.4
183 9.6 8.9 13.3



#78
Pyrene
Concen: 5.116 ng
RT: 19.621 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:202 Resp: 250663
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 17.3 13.8 20.8

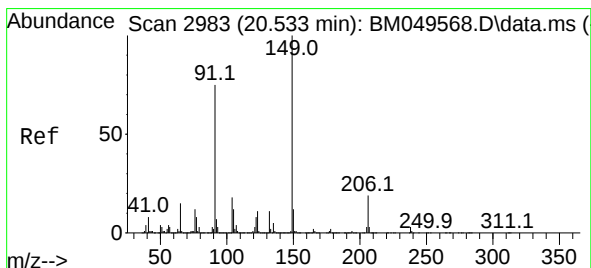
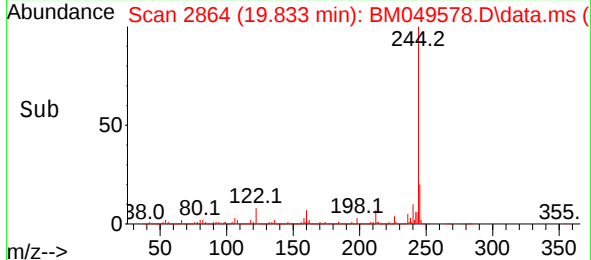
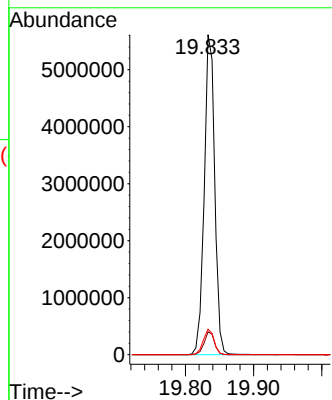
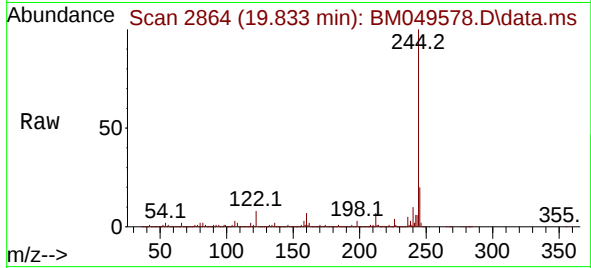




#79
 Terphenyl-d14
 Concen: 139.846 ng
 RT: 19.833 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01

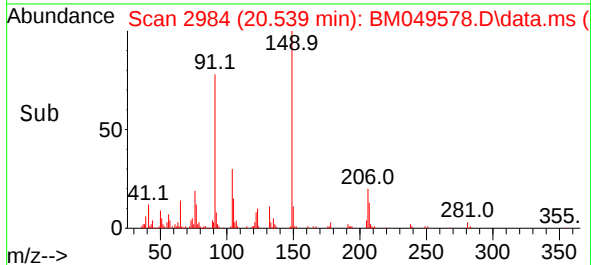
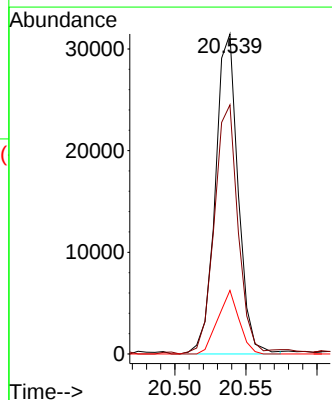
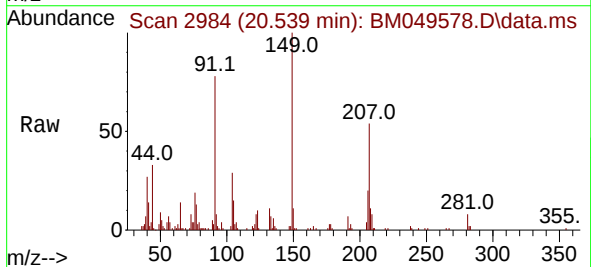
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

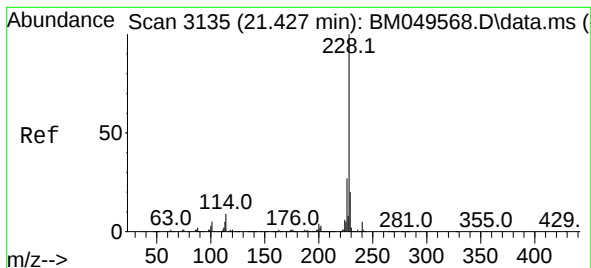
Tgt Ion:244 Resp: 5992420
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.0 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 2.300 ng
 RT: 20.539 min Scan# 2984
 Delta R.T. 0.006 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01

Tgt Ion:149 Resp: 35062
 Ion Ratio Lower Upper
 149 100
 91 77.9 60.2 90.2
 206 19.8 15.4 23.0





#81

Benzo(a)anthracene

Concen: 5.140 ng

RT: 21.427 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

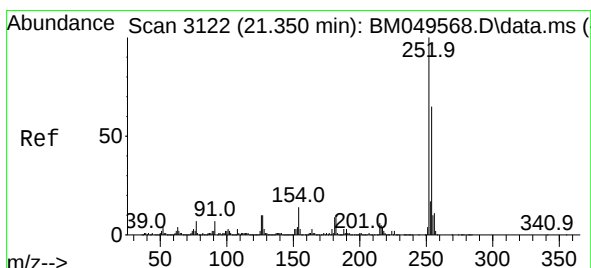
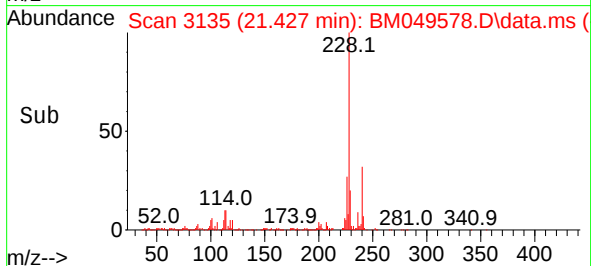
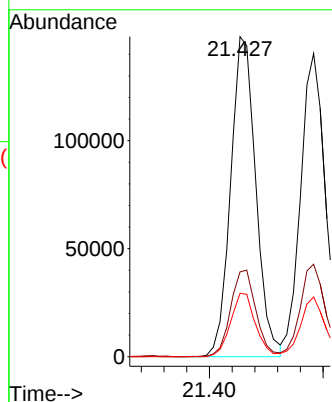
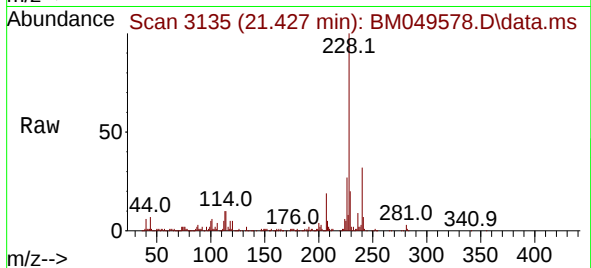
Tgt Ion:228 Resp: 227936

Ion Ratio Lower Upper

228 100

226 26.5 22.0 33.0

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 3.406 ng

RT: 21.351 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

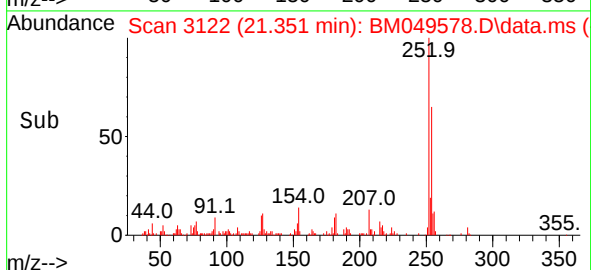
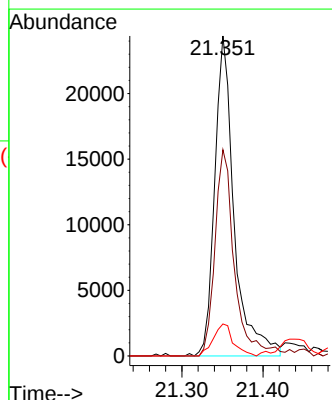
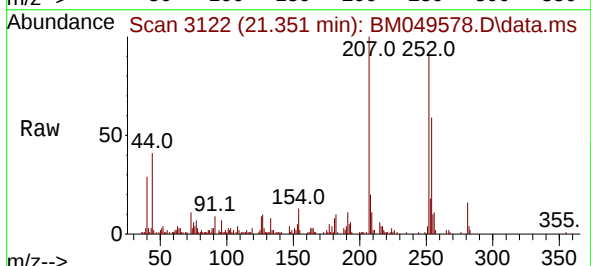
Tgt Ion:252 Resp: 40640

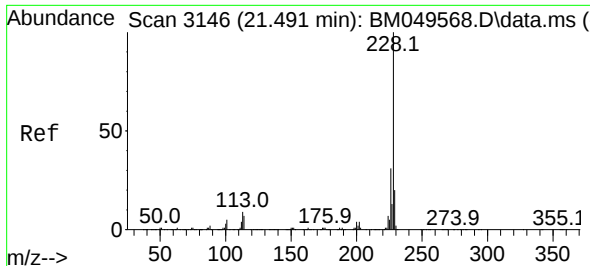
Ion Ratio Lower Upper

252 100

254 64.4 52.1 78.1

126 10.0 7.8 11.6

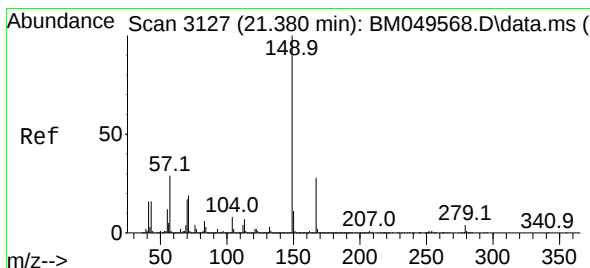
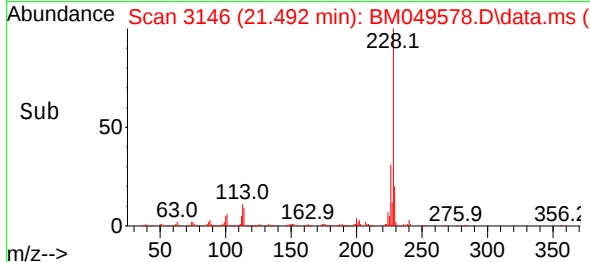
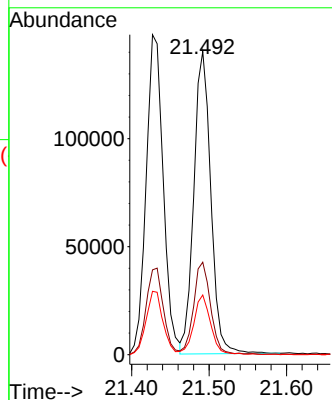
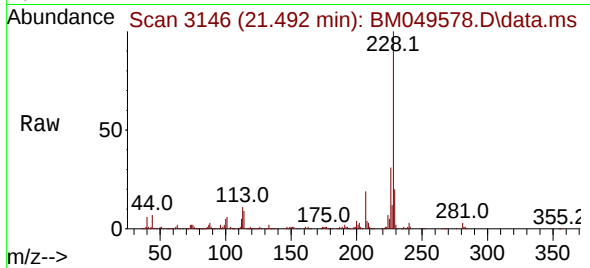




#83
Chrysene
Concen: 5.132 ng
RT: 21.492 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

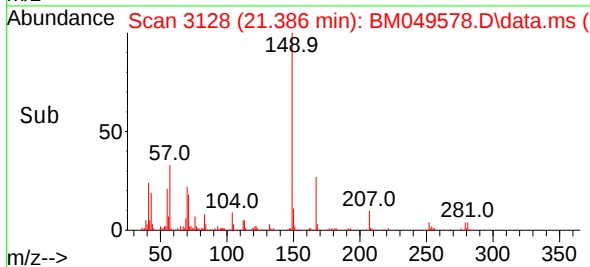
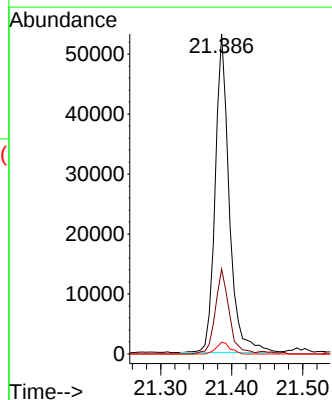
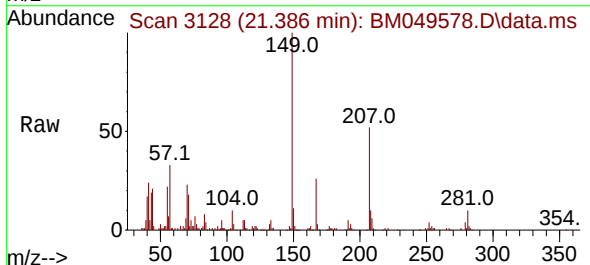
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

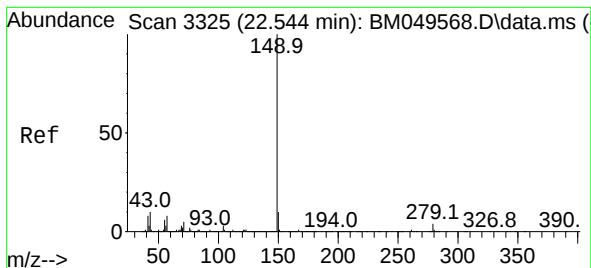
Tgt Ion:228 Resp: 213233
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 19.7 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.795 ng
RT: 21.386 min Scan# 3128
Delta R.T. 0.006 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:149 Resp: 73039
Ion Ratio Lower Upper
149 100
167 26.5 22.1 33.1
279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 2.100 ng

RT: 22.545 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

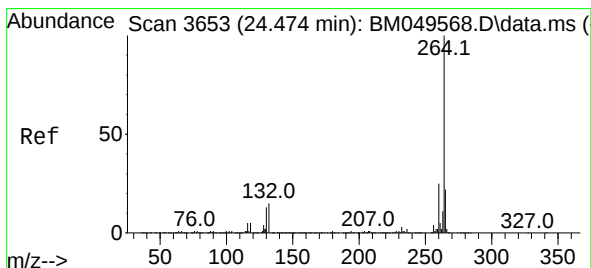
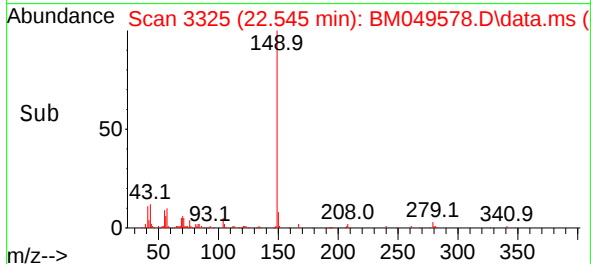
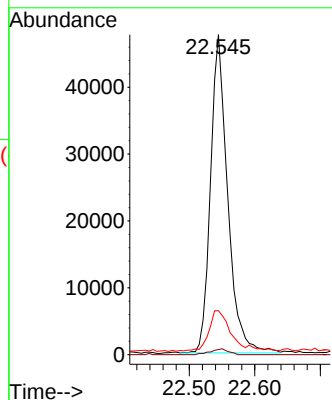
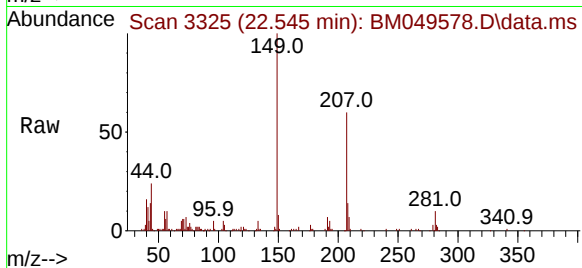
Tgt Ion:149 Resp: 86573

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

43 17.3 8.5 12.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.480 min Scan# 3654

Delta R.T. 0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

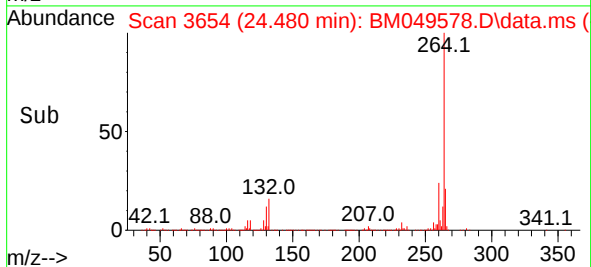
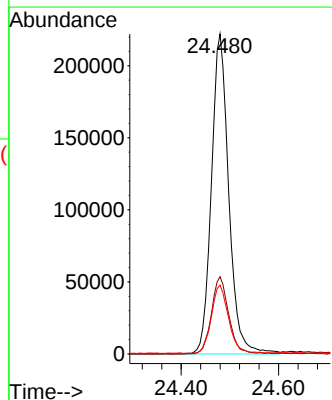
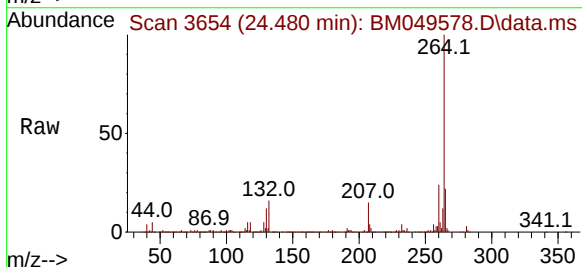
Tgt Ion:264 Resp: 547728

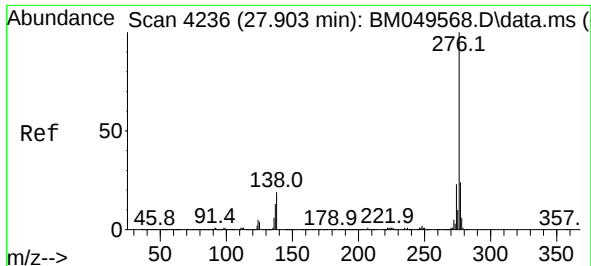
Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 21.5 17.5 26.3

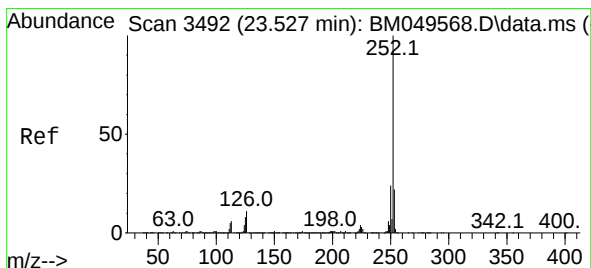
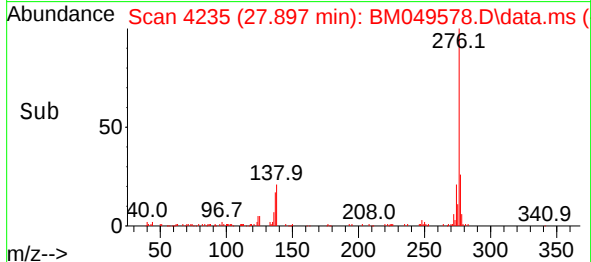
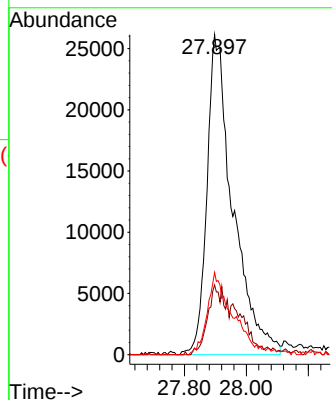
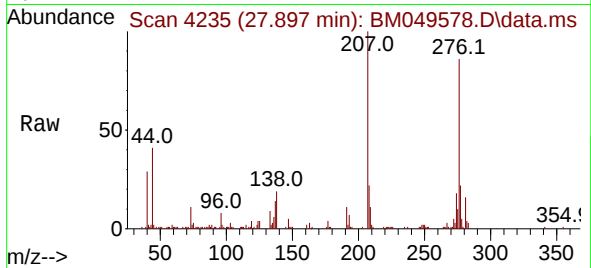




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.078 ng
 RT: 27.897 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01

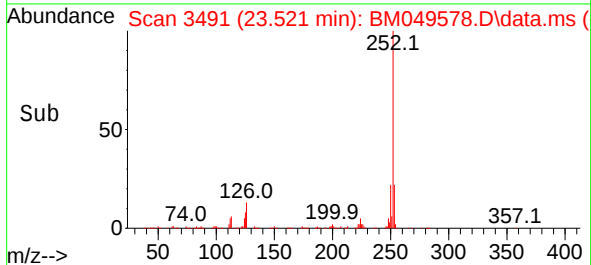
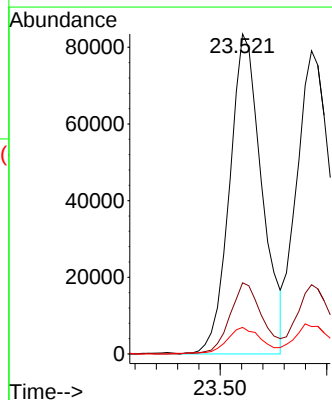
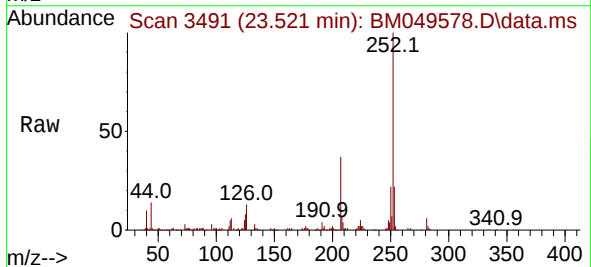
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

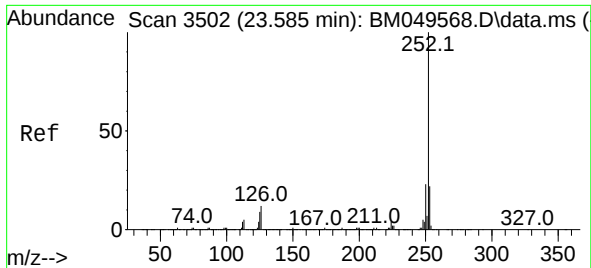
Tgt Ion:	276	Resp:	151905
Ion Ratio	Lower	Upper	
276	100		
138	14.9	13.1	19.7
277	24.7	19.9	29.9



#88
 Benzo(b)fluoranthene
 Concen: 4.677 ng
 RT: 23.521 min Scan# 3491
 Delta R.T. -0.006 min
 Lab File: BM049578.D
 Acq: 06 Feb 2025 12:01

Tgt Ion:	252	Resp:	176236
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	8.3	6.6	10.0

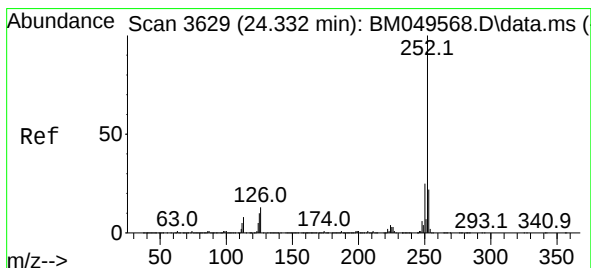
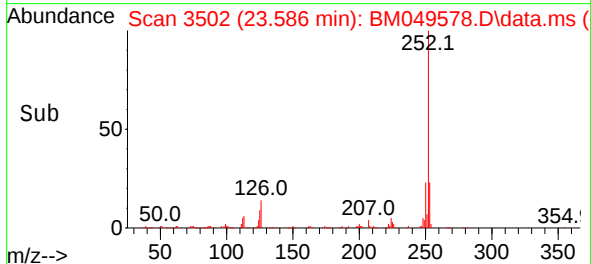
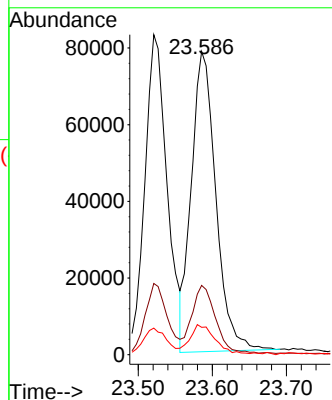
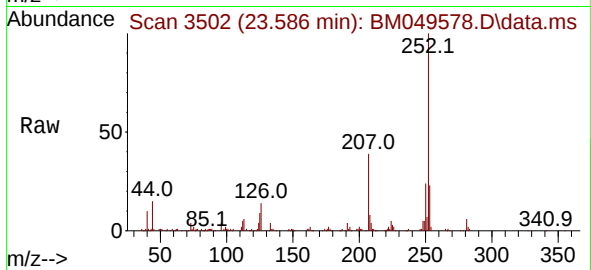




#89
Benzo(k)fluoranthene
Concen: 4.918 ng
RT: 23.586 min Scan# 3502
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

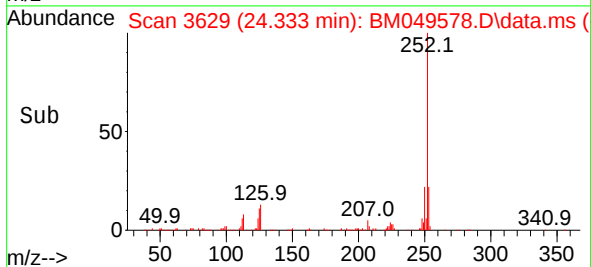
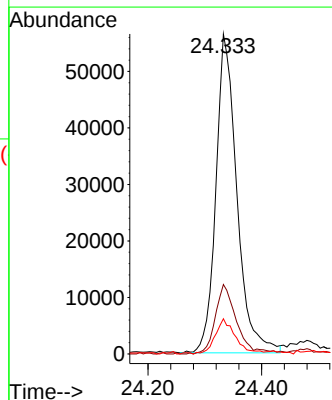
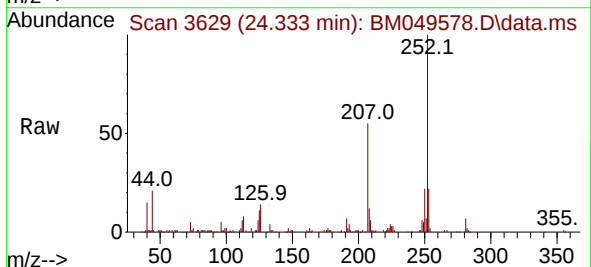
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

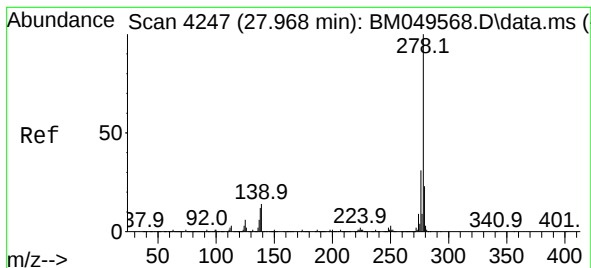
Tgt Ion:252 Resp: 179980
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 9.0 7.0 10.6



#90
Benzo(a)pyrene
Concen: 4.846 ng
RT: 24.333 min Scan# 3629
Delta R.T. 0.000 min
Lab File: BM049578.D
Acq: 06 Feb 2025 12:01

Tgt Ion:252 Resp: 144710
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 11.0 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 4.643 ng

RT: 27.974 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

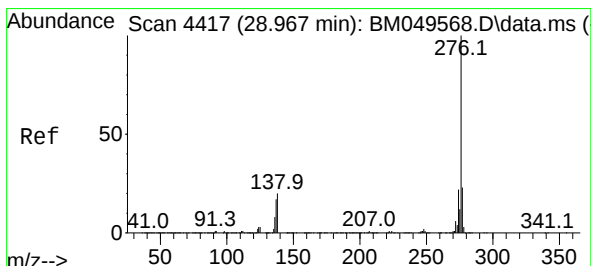
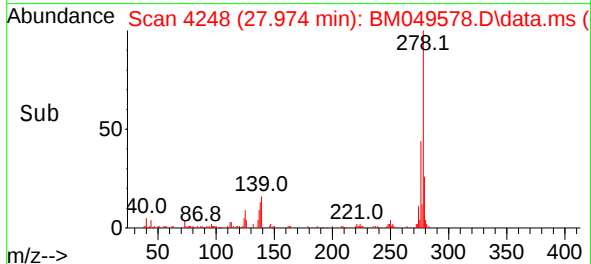
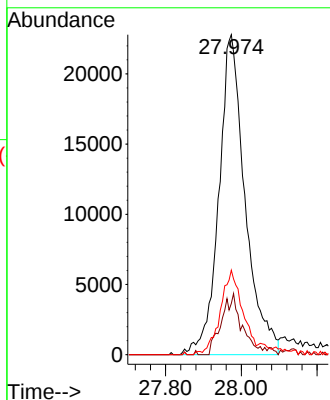
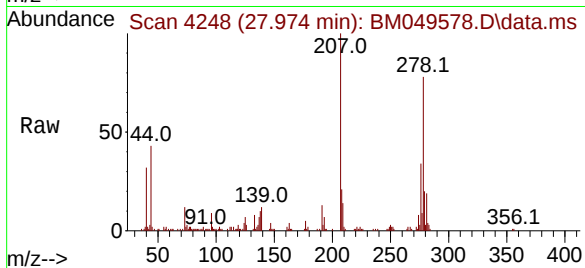
Tgt Ion:278 Resp: 109769

Ion Ratio Lower Upper

278 100

139 16.0 11.5 17.3

279 26.4 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 4.743 ng

RT: 28.956 min Scan# 4415

Delta R.T. -0.012 min

Lab File: BM049578.D

Acq: 06 Feb 2025 12:01

Tgt Ion:276 Resp: 125260

Ion Ratio Lower Upper

276 100

277 22.4 18.7 28.1

138 20.3 16.0 24.0

