

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
 Data File : BM049582.D
 Acq On : 06 Feb 2025 16:24
 Operator : RC/JU
 Sample : Q1168-08
 Misc : LOQ-WATER 10PPM
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 06 18:07:18 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	204606	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	771302	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	467199	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	872707	20.000	ng	0.00
76) Chrysene-d12	21.445	240	741415	20.000	ng	0.00
86) Perylene-d12	24.474	264	635274	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	930966	73.169	ng	0.00
7) Phenol-d6	6.981	99	1233755	74.013	ng	0.00
23) Nitrobenzene-d5	8.981	82	1089171	72.636	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	333094	60.170	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	2521299	69.911	ng	0.00
79) Terphenyl-d14	19.833	244	3721358	76.646	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.293	88	59286	11.082	ng 97
3) Pyridine	3.693	79	147177	9.900	ng 95
4) n-Nitrosodimethylamine	3.599	42	75672	10.880	ng # 93
6) Aniline	7.145	93	181027	11.458	ng 99
8) 2-Chlorophenol	7.387	128	124723	9.817	ng 98
9) Benzaldehyde	6.957	77	138515	15.693	ng 98
10) Phenol	7.004	94	166180	10.121	ng 96
11) bis(2-Chloroethyl)ether	7.245	93	139036	10.467	ng 96
12) 1,3-Dichlorobenzene	7.716	146	151751	10.290	ng 100
13) 1,4-Dichlorobenzene	7.863	146	152467	10.221	ng 99
14) 1,2-Dichlorobenzene	8.181	146	146622	10.180	ng 98
15) Benzyl Alcohol	8.057	79	103206	8.899	ng 96
16) 2,2'-oxybis(1-Chloropr...	8.351	45	205100	11.470	ng 100
17) 2-Methylphenol	8.257	107	96102	9.573	ng 98
18) Hexachloroethane	8.910	117	54666	10.033	ng 93
19) n-Nitroso-di-n-propyla...	8.628	70	107902	9.885	ng 98
20) 3+4-Methylphenols	8.587	107	122934	9.276	ng 98
22) Acetophenone	8.639	105	207129	9.970	ng 95
24) Nitrobenzene	9.022	77	156037	10.710	ng 98
25) Isophorone	9.545	82	267439	9.889	ng 97
26) 2-Nitrophenol	9.734	139	25814	7.987	ng 95
27) 2,4-Dimethylphenol	9.792	122	83289	9.741	ng 94
28) bis(2-Chloroethoxy)met...	10.034	93	165597	9.508	ng 97
29) 2,4-Dichlorophenol	10.263	162	95783	8.134	ng 98
30) 1,2,4-Trichlorobenzene	10.486	180	134858	9.348	ng 99
31) Naphthalene	10.675	128	385381	9.474	ng 100
32) Benzoic acid	9.839	122	15115	8.496	ng 89
33) 4-Chloroaniline	10.775	127	148286	9.739	ng 98
34) Hexachlorobutadiene	10.975	225	85751	9.925	ng 99
35) Caprolactam	11.516	113	25569	7.117	ng 94
36) 4-Chloro-3-methylphenol	11.898	107	88968	7.576	ng 96
37) 2-Methylnaphthalene	12.286	142	261799	9.141	ng 99
38) 1-Methylnaphthalene	12.510	142	242416	8.699	ng 98
40) 1,2,4,5-Tetrachloroben...	12.657	216	150074	9.770	ng 98
41) Hexachlorocyclopentadiene	12.645	237	37105	9.462	ng 100
43) 2,4,6-Trichlorophenol	12.892	196	59426	7.090	ng 94

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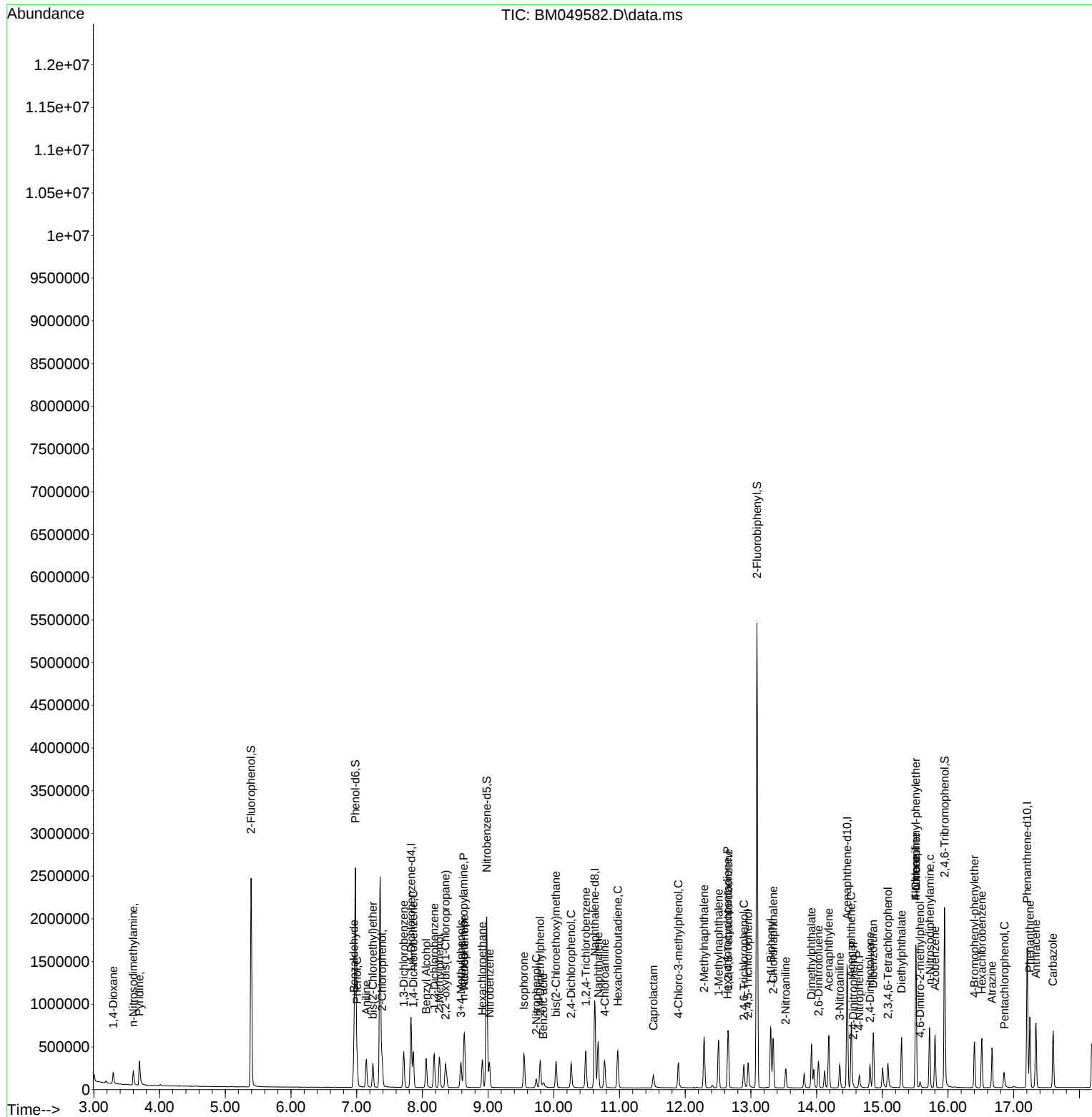
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	71660	7.779	ng	96
46) 1,1'-Biphenyl	13.304	154	346844	9.732	ng	99
47) 2-Chloronaphthalene	13.339	162	267202	9.690	ng	98
48) 2-Nitroaniline	13.527	65	51245	8.099	ng	93
49) Acenaphthylene	14.186	152	398472	9.800	ng	100
50) Dimethylphthalate	13.921	163	298837	8.907	ng	100
51) 2,6-Dinitrotoluene	14.027	165	50387	8.679	ng	# 82
52) Acenaphthene	14.527	154	246756	9.143	ng	97
53) 3-Nitroaniline	14.351	138	52021	8.801	ng	92
54) 2,4-Dinitrophenol	14.557	184	6454	9.365	ng	89
55) Dibenzofuran	14.863	168	392316	9.129	ng	99
56) 4-Nitrophenol	14.651	139	28429	5.705	ng	98
57) 2,4-Dinitrotoluene	14.816	165	55820	10.274	ng	97
58) Fluorene	15.510	166	312401	8.498	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	54416	6.992	ng	95
60) Diethylphthalate	15.292	149	284769	8.445	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	163245	8.343	ng	95
62) 4-Nitroaniline	15.510	138	52857	7.985	ng	89
63) Azobenzene	15.804	77	337924	9.601	ng	98
65) 4,6-Dinitro-2-methylph...	15.574	198	11024	9.878	ng	95
66) n-Nitrosodiphenylamine	15.721	169	249152	9.053	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	90038	8.881	ng	96
68) Hexachlorobenzene	16.515	284	106119	9.119	ng	96
69) Atrazine	16.668	200	72516	8.864	ng	97
70) Pentachlorophenol	16.857	266	30775	11.254	ng	97
71) Phenanthrene	17.245	178	455635	9.164	ng	100
72) Anthracene	17.339	178	448976	9.120	ng	99
73) Carbazole	17.598	167	391546	9.062	ng	98
74) Di-n-butylphthalate	18.186	149	396917	7.240	ng	99
75) Fluoranthene	19.262	202	474155	8.146	ng	99
77) Benzidine	19.445	184	77508	11.805	ng	98
78) Pyrene	19.621	202	502305	9.048	ng	99
80) Butylbenzylphthalate	20.539	149	79259	4.588	ng	97
81) Benzo(a)anthracene	21.427	228	461478	9.184	ng	100
82) 3,3'-Dichlorobenzidine	21.350	252	92858	6.868	ng	99
83) Chrysene	21.492	228	427830	9.088	ng	100
84) Bis(2-ethylhexyl)phtha...	21.386	149	163146	5.509	ng	95
85) Di-n-octyl phthalate	22.544	149	191934	4.108	ng	# 90
87) Indeno(1,2,3-cd)pyrene	27.903	276	306330	8.830	ng	97
88) Benzo(b)fluoranthene	23.521	252	359876	8.235	ng	98
89) Benzo(k)fluoranthene	23.586	252	372926	8.786	ng	99
90) Benzo(a)pyrene	24.333	252	303425	8.761	ng	100
91) Dibenzo(a,h)anthracene	27.968	278	234052	8.536	ng	98
92) Benzo(g,h,i)perylene	28.956	276	243737	7.957	ng	99

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

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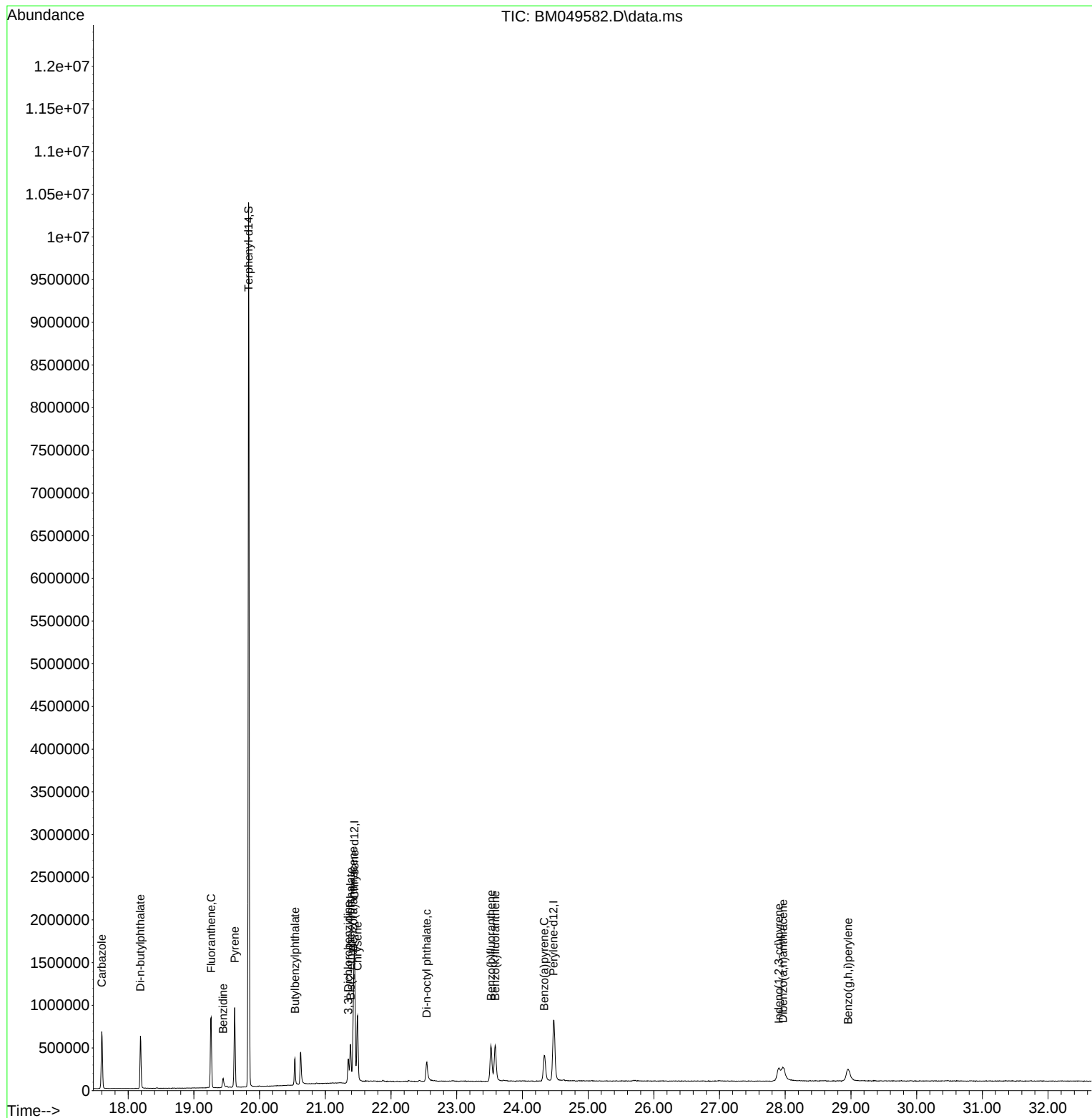
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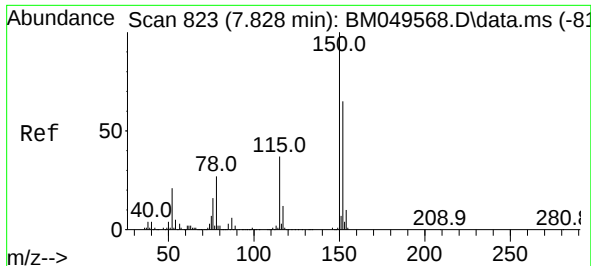


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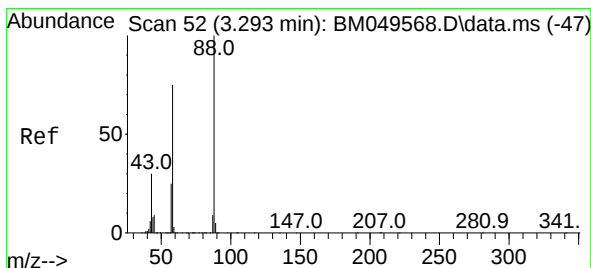
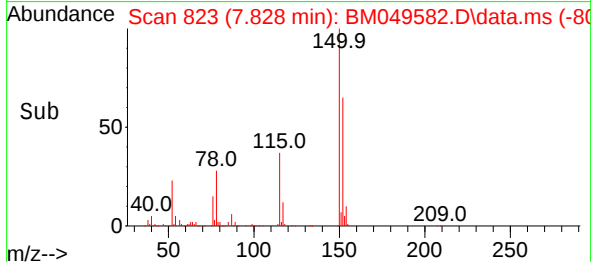
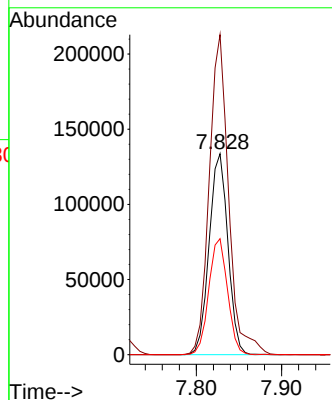
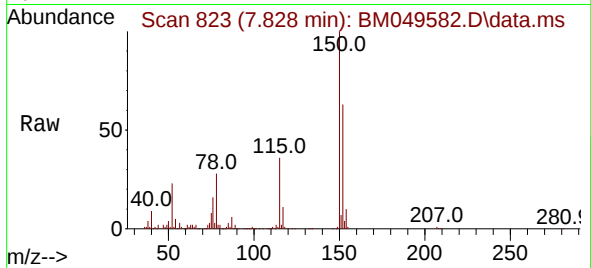




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.828 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM049582.D
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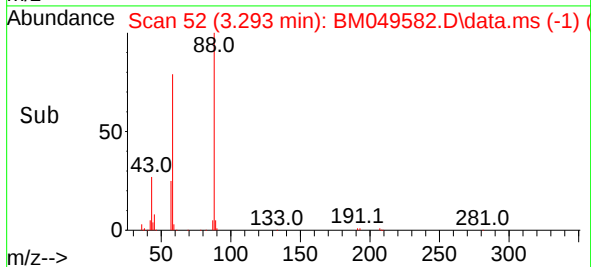
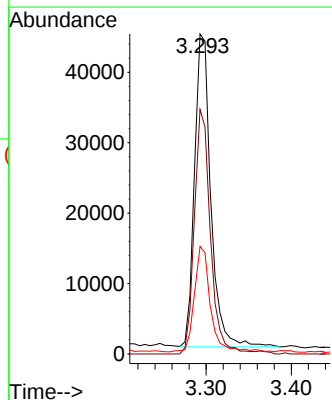
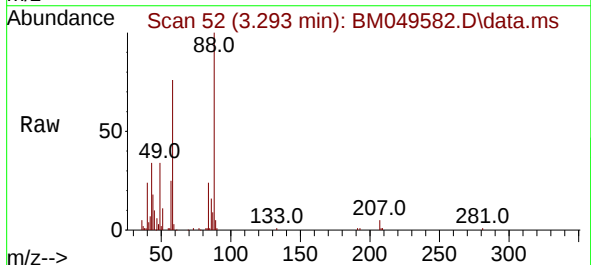
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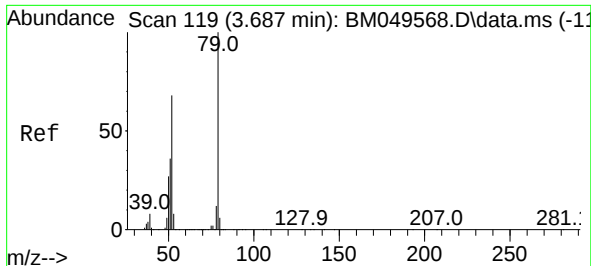
Tgt Ion:152 Resp: 204606
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.6 184.0
 115 57.7 45.4 68.0



#2
 1,4-Dioxane
 Concen: 11.082 ng
 RT: 3.293 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: BM049582.D
 Acq: 06 Feb 2025 16:24

Tgt Ion: 88 Resp: 59286
 Ion Ratio Lower Upper
 88 100
 58 77.0 60.0 90.0
 43 32.9 24.4 36.6

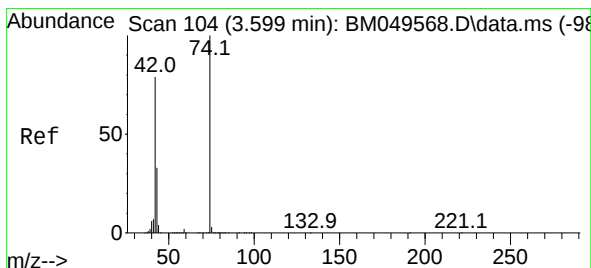
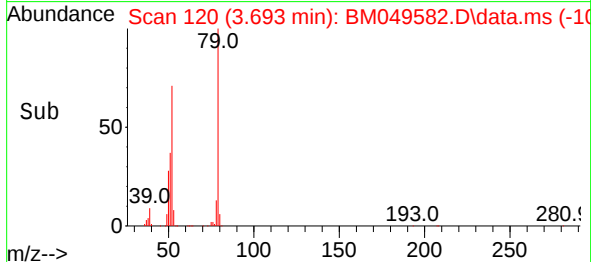
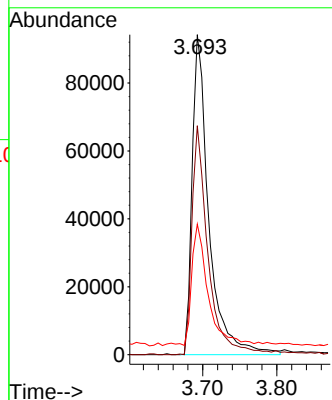
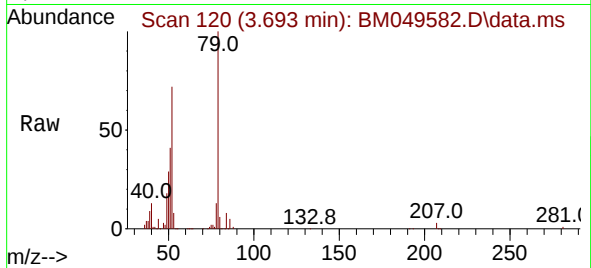




#3
Pyridine
Concen: 9.900 ng
RT: 3.693 min Scan# 119
Delta R.T. 0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

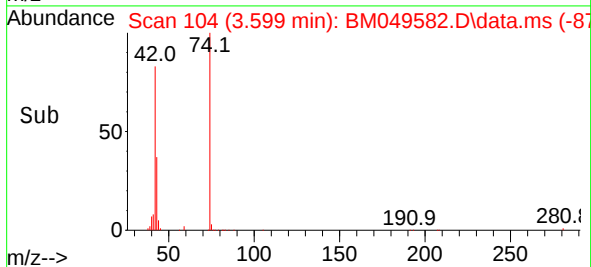
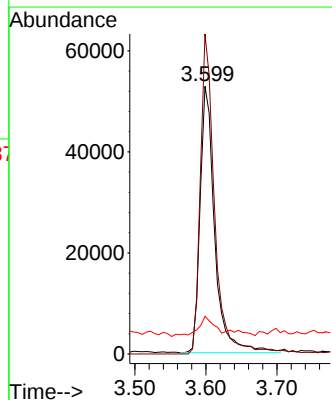
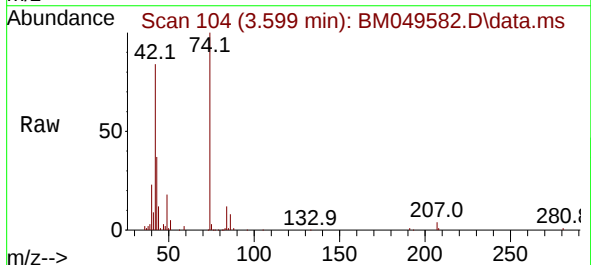
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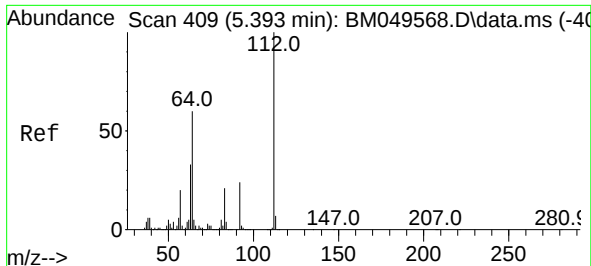
Tgt Ion: 79 Resp: 147177
Ion Ratio Lower Upper
79 100
52 71.6 54.5 81.7
51 40.8 29.0 43.6



#4
n-Nitrosodimethylamine
Concen: 10.880 ng
RT: 3.599 min Scan# 104
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion: 42 Resp: 75672
Ion Ratio Lower Upper
42 100
74 119.6 101.3 151.9
44 14.1 6.5 9.7#

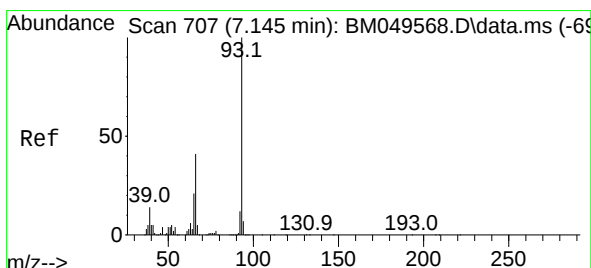
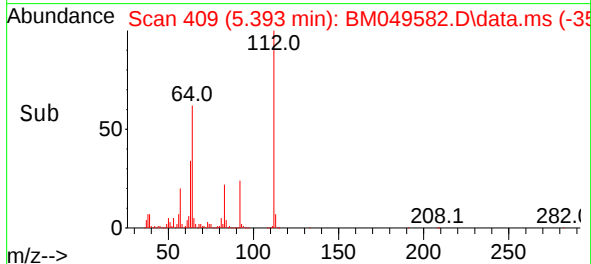
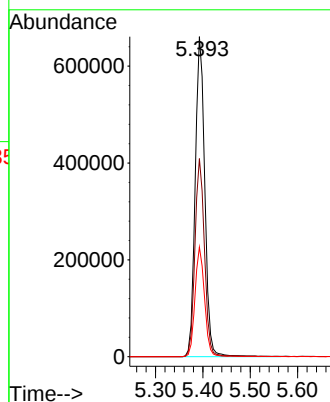
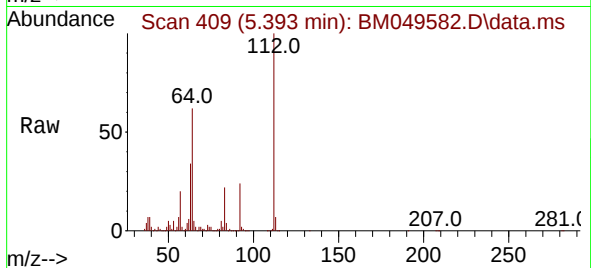




#5
2-Fluorophenol
Concen: 73.169 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

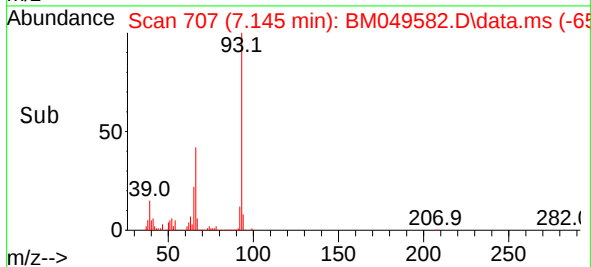
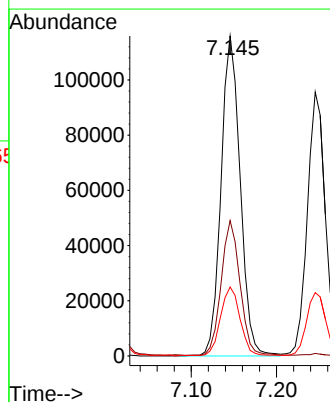
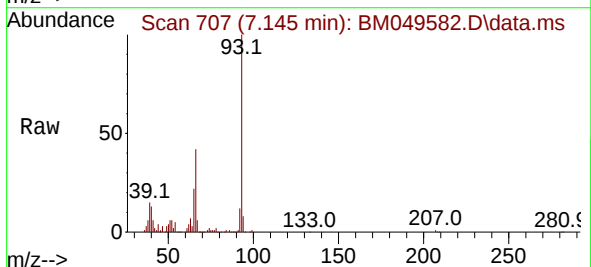
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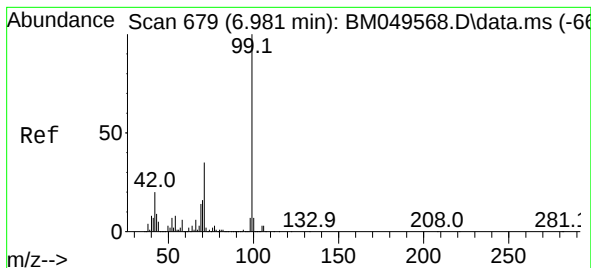
Tgt Ion:112 Resp: 930966
Ion Ratio Lower Upper
112 100
64 61.9 47.8 71.8
63 34.2 26.2 39.4



#6
Aniline
Concen: 11.458 ng
RT: 7.145 min Scan# 707
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion: 93 Resp: 181027
Ion Ratio Lower Upper
93 100
66 42.3 33.3 49.9
65 21.6 16.8 25.2

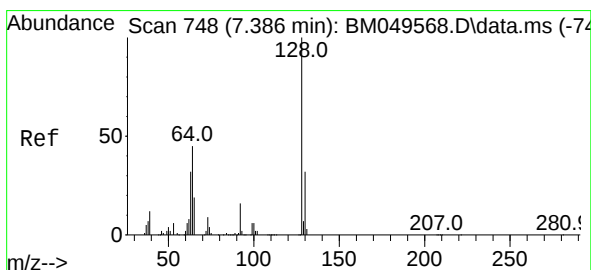
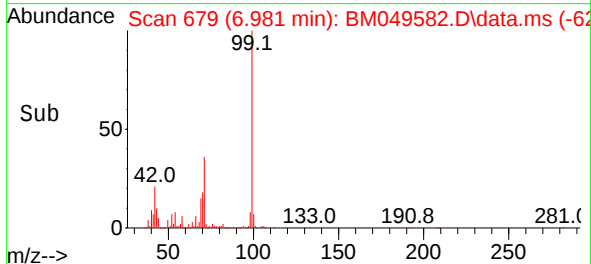
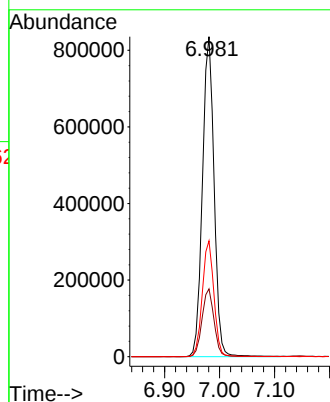
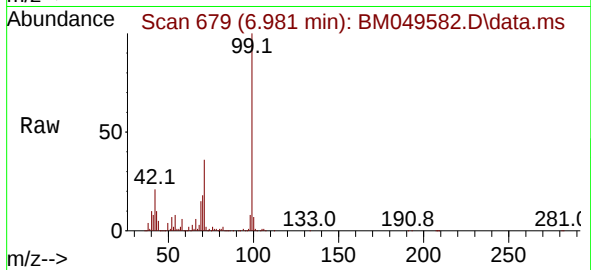




#7
Phenol-d6
Concen: 74.013 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

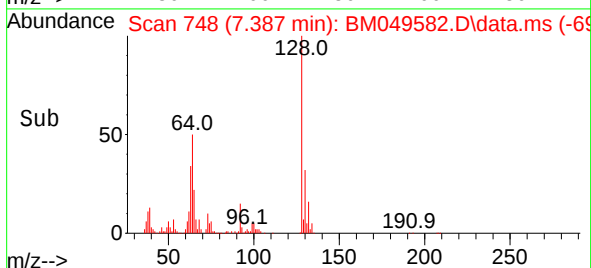
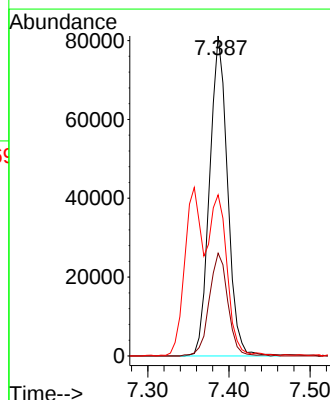
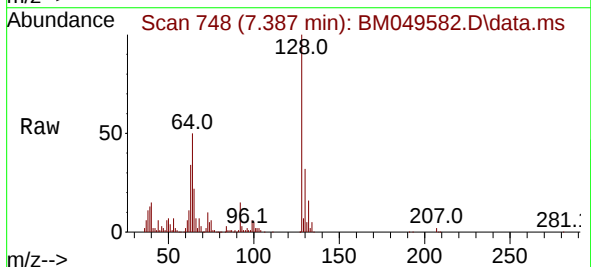
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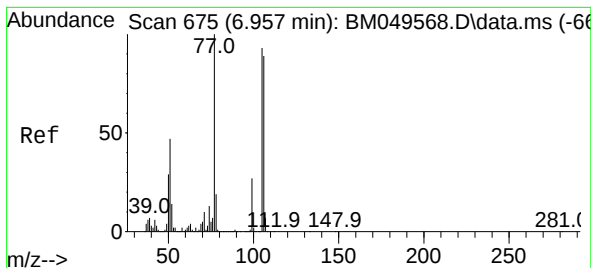
Tgt Ion: 99 Resp: 1233755
Ion Ratio Lower Upper
99 100
42 21.2 16.0 24.0
71 36.2 27.8 41.6



#8
2-Chlorophenol
Concen: 9.817 ng
RT: 7.387 min Scan# 748
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion: 128 Resp: 124723
Ion Ratio Lower Upper
128 100
130 32.1 12.4 52.4
64 50.3 28.7 68.7





#9

Benzaldehyde

Concen: 15.693 ng

RT: 6.957 min Scan# 61

Delta R.T. 0.000 min

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BNA_M

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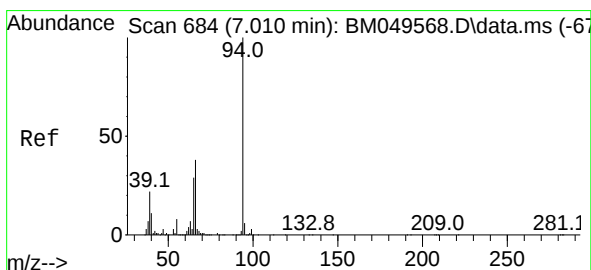
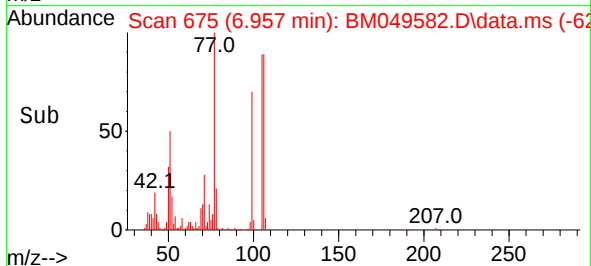
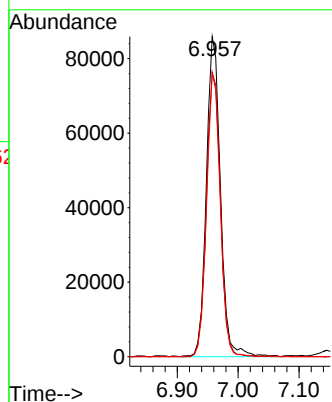
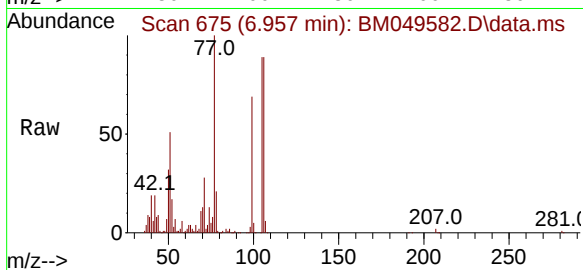
Tgt Ion: 77 Resp: 138515

Ion Ratio Lower Upper

77 100

105 88.8 72.7 112.7

106 88.7 68.9 108.9



#10

Phenol

Concen: 10.121 ng

RT: 7.004 min Scan# 683

Delta R.T. -0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

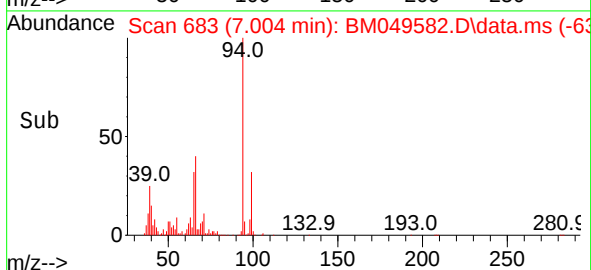
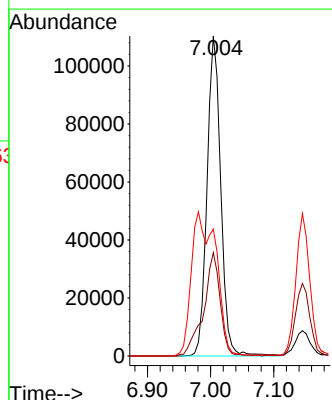
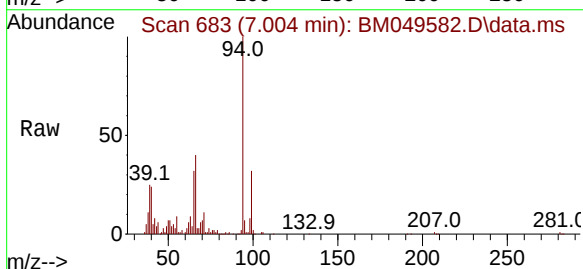
Tgt Ion: 94 Resp: 166180

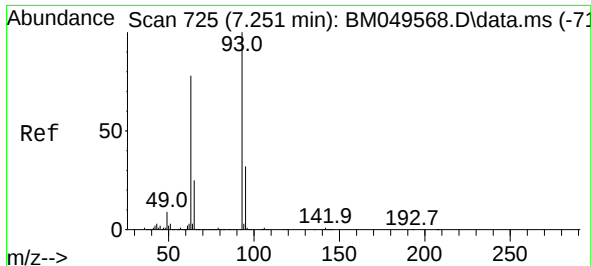
Ion Ratio Lower Upper

94 100

65 32.3 9.3 49.3

66 39.6 17.7 57.7

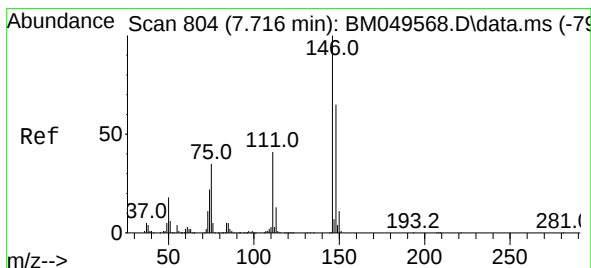
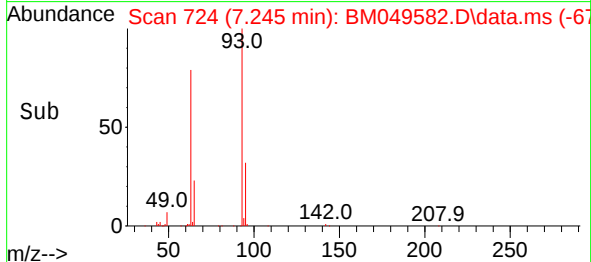
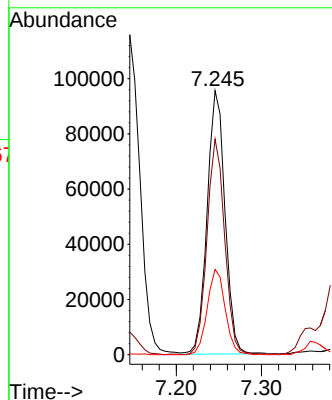
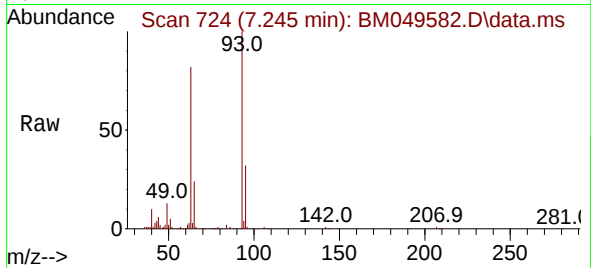




#11
bis(2-Chloroethyl)ether
Concen: 10.467 ng
RT: 7.245 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

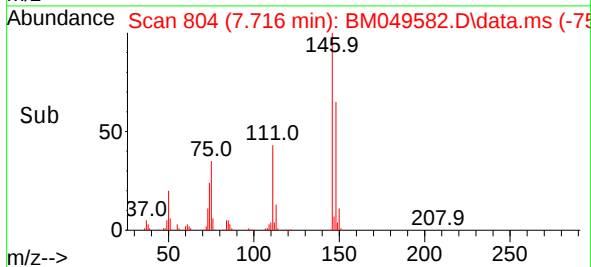
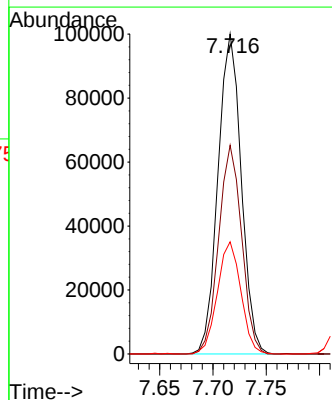
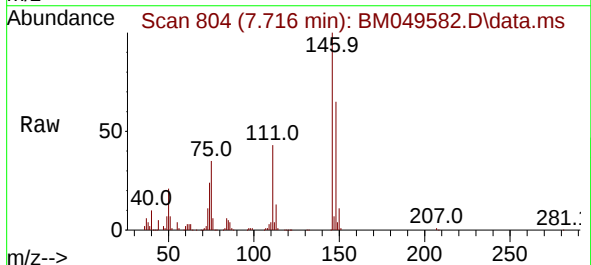
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

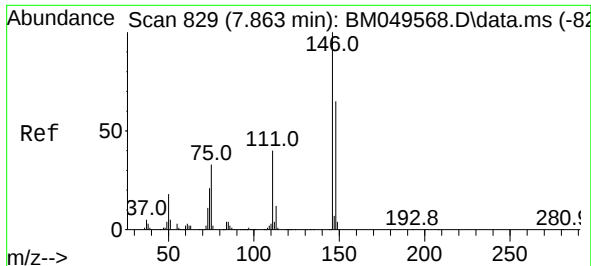
Tgt Ion: 93 Resp: 139036
Ion Ratio Lower Upper
93 100
63 81.6 57.3 97.3
95 32.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 10.290 ng
RT: 7.716 min Scan# 804
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:146 Resp: 151751
Ion Ratio Lower Upper
146 100
148 65.2 52.2 78.2
75 35.0 28.3 42.5

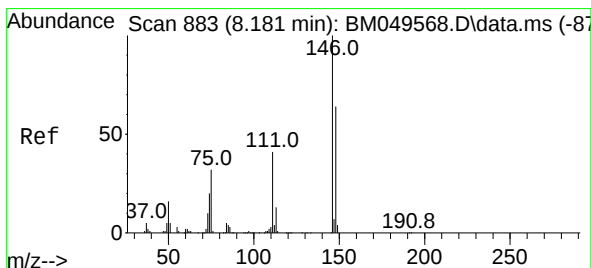
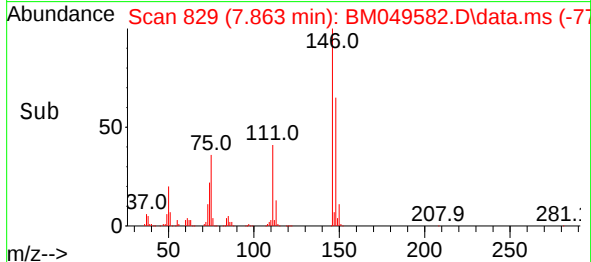
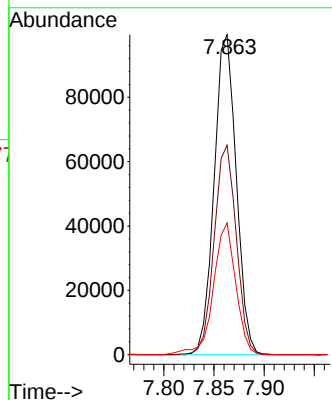
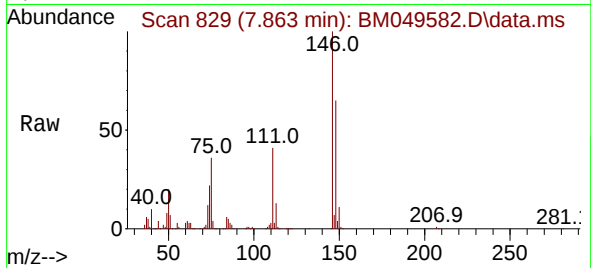




#13
1,4-Dichlorobenzene
Concen: 10.221 ng
RT: 7.863 min Scan# 829
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

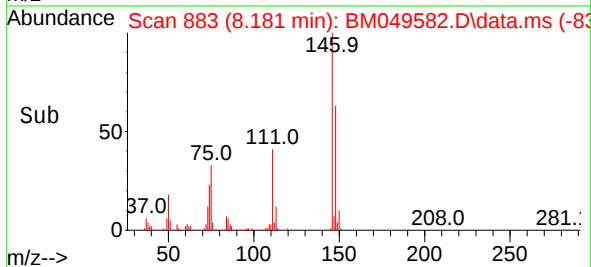
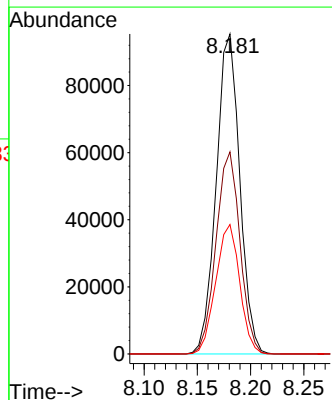
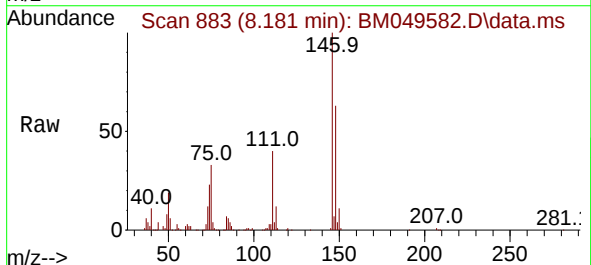
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

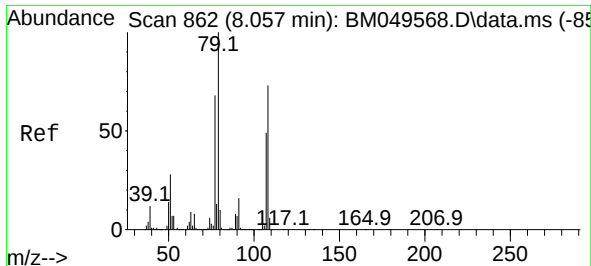
Tgt Ion:146 Resp: 152467
Ion Ratio Lower Upper
146 100
148 65.5 52.1 78.1
111 41.1 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 10.180 ng
RT: 8.181 min Scan# 883
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:146 Resp: 146622
Ion Ratio Lower Upper
146 100
148 63.1 51.5 77.3
111 40.4 33.4 50.0

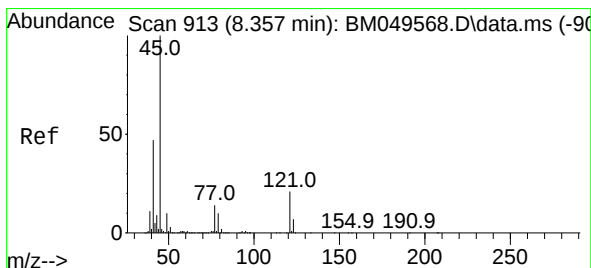
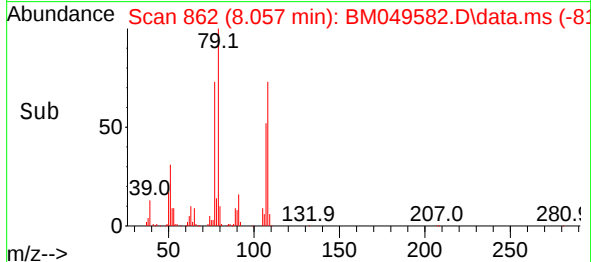
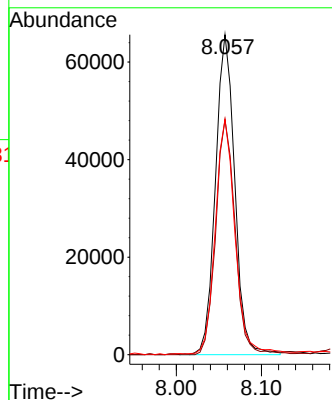
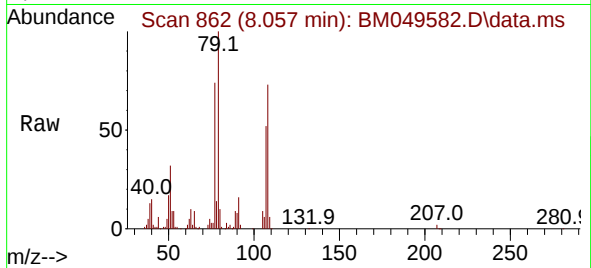




#15
Benzyl Alcohol
Concen: 8.899 ng
RT: 8.057 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

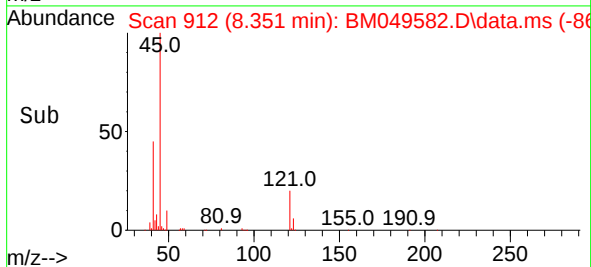
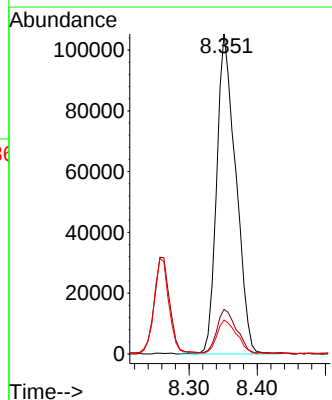
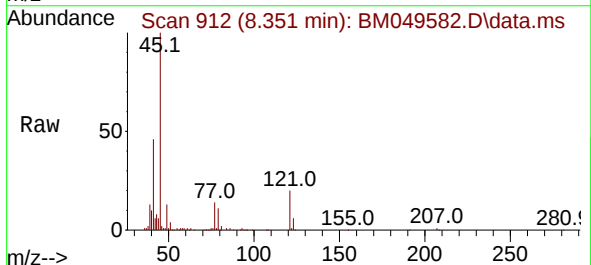
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

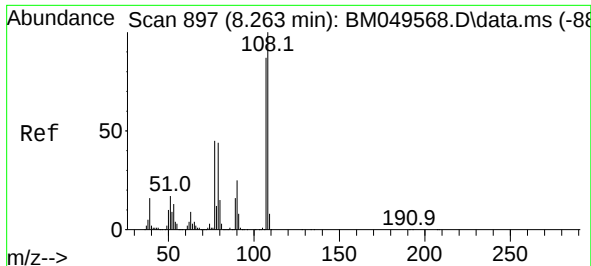
Tgt Ion: 79 Resp: 103206
Ion Ratio Lower Upper
79 100
108 73.4 58.6 88.0
77 73.5 54.0 81.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.470 ng
RT: 8.351 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion: 45 Resp: 205100
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.0
79 10.6 0.0 30.8

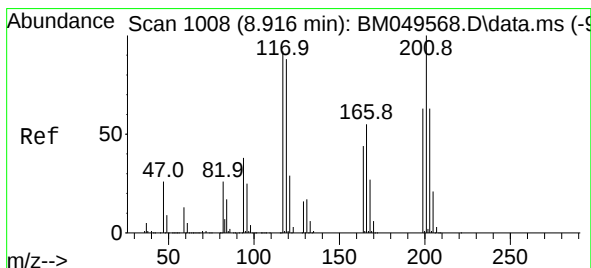
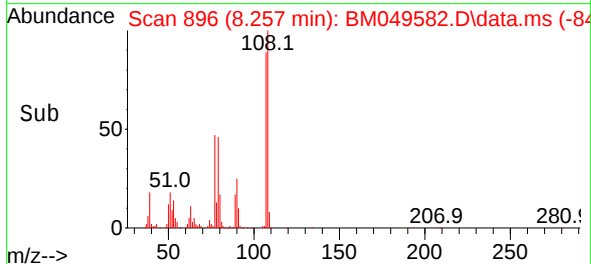
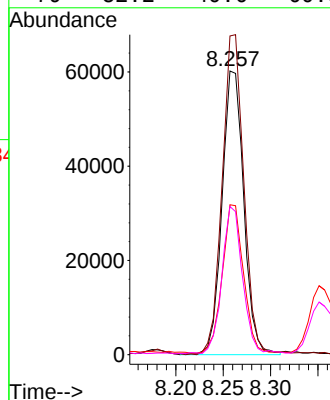
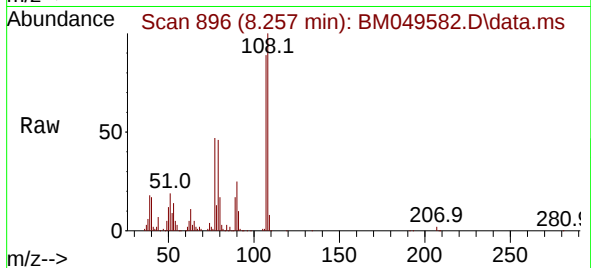




#17
2-Methylphenol
Concen: 9.573 ng
RT: 8.257 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

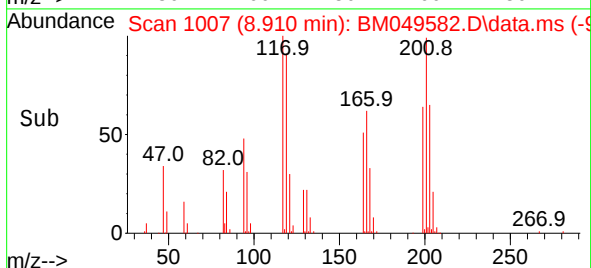
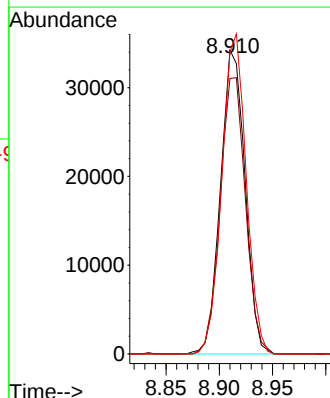
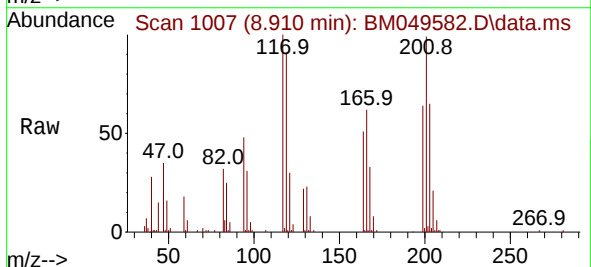
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

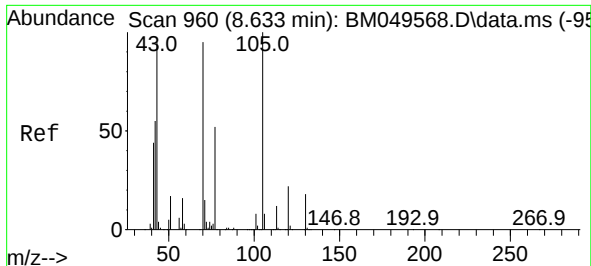
Tgt Ion:	107	Resp:	96102
Ion	Ratio	Lower	Upper
107	100		
108	112.3	92.2	138.4
77	52.8	41.3	61.9
79	52.2	40.6	60.8



#18
Hexachloroethane
Concen: 10.033 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:	117	Resp:	54666
Ion	Ratio	Lower	Upper
117	100		
119	90.7	76.8	115.2
201	99.3	87.0	130.6

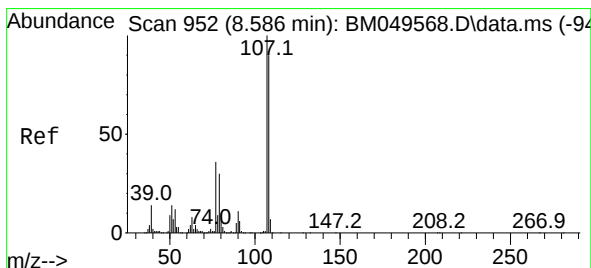
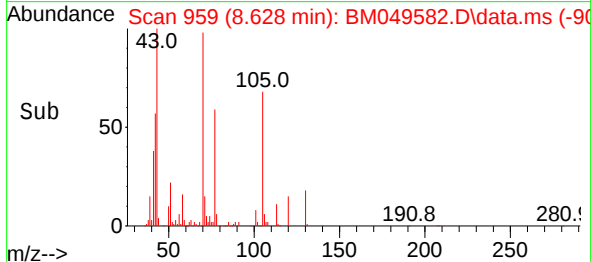
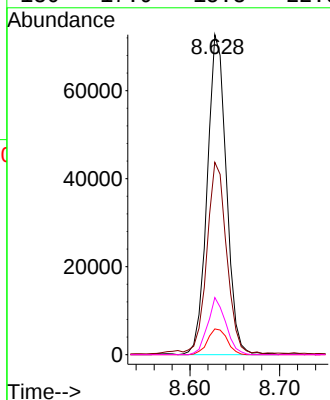
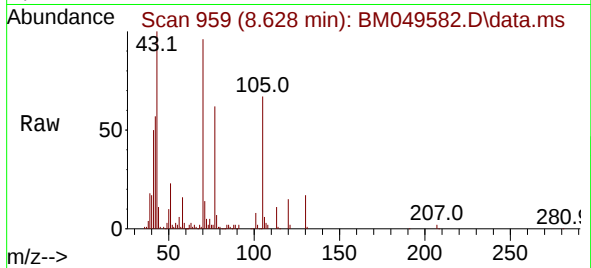




#19
n-Nitroso-di-n-propylamine
Concen: 9.885 ng
RT: 8.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

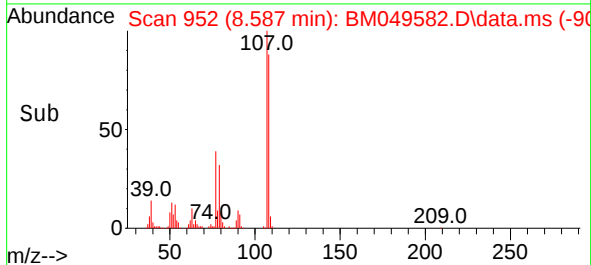
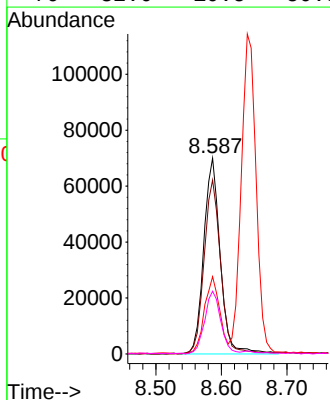
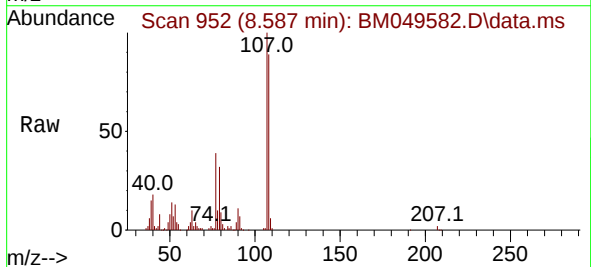
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

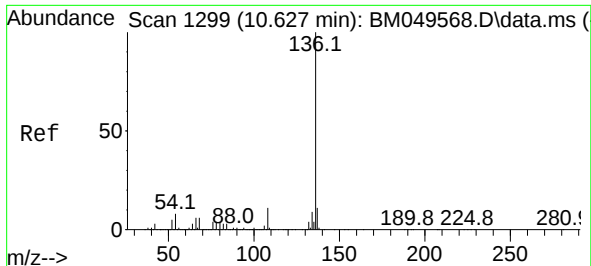
Tgt Ion: 70 Resp: 107902
Ion Ratio Lower Upper
70 100
42 60.1 47.4 71.2
101 8.1 7.1 10.7
130 17.9 15.3 22.9



#20
3+4-Methylphenols
Concen: 9.276 ng
RT: 8.587 min Scan# 952
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:107 Resp: 122934
Ion Ratio Lower Upper
107 100
108 88.8 69.6 109.6
77 39.5 16.0 56.0
79 32.0 10.5 50.5

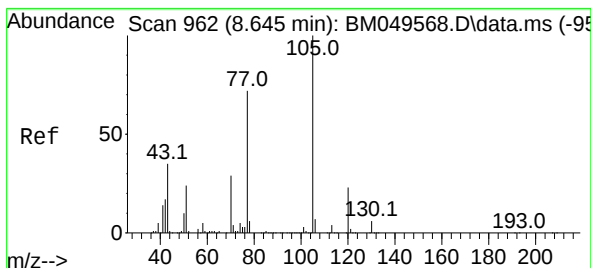
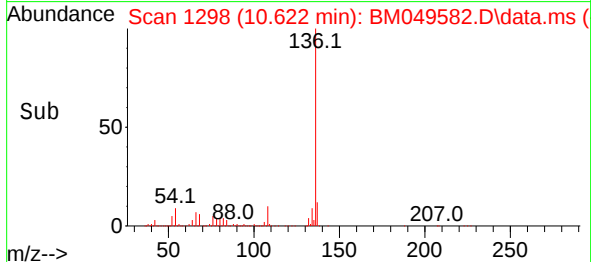
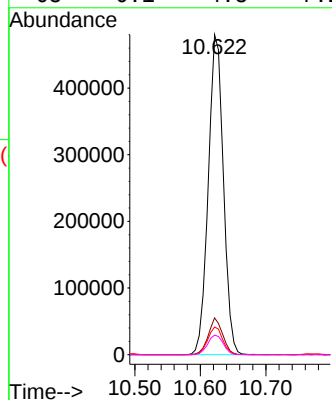
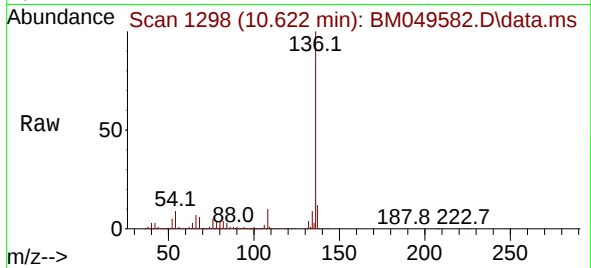




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

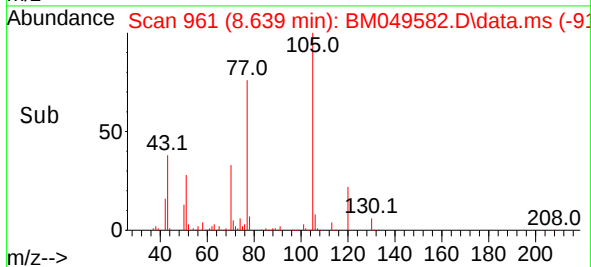
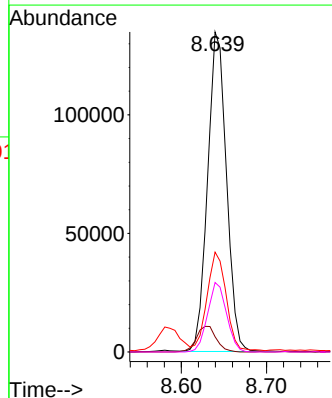
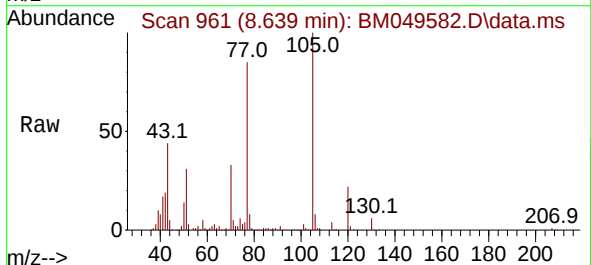
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

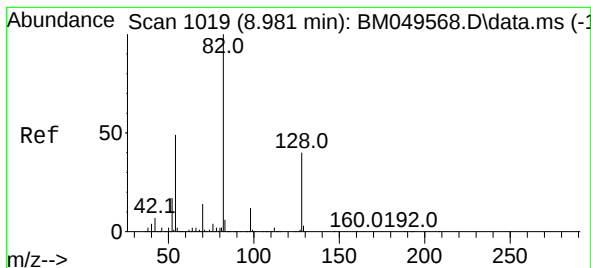
Tgt Ion:	136	Resp:	771302
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	8.7	6.6	10.0
68	6.1	4.8	7.2



#22
Acetophenone
Concen: 9.970 ng
RT: 8.639 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:	105	Resp:	207129
Ion	Ratio	Lower	Upper
105	100		
71	4.7	3.5	5.3
51	31.2	21.7	32.5
120	21.7	18.1	27.1





#23

Nitrobenzene-d5

Concen: 72.636 ng

RT: 8.981 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

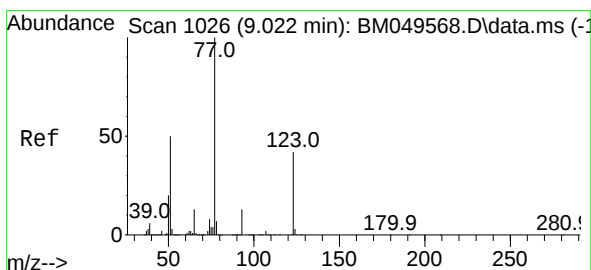
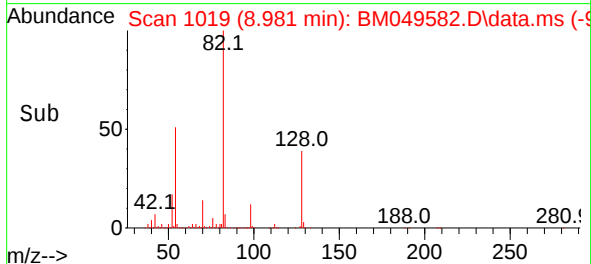
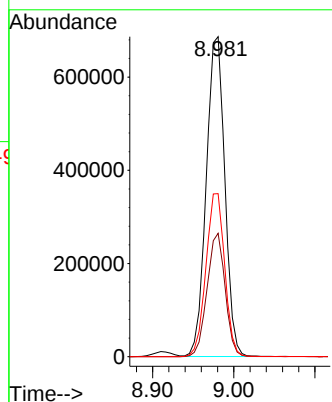
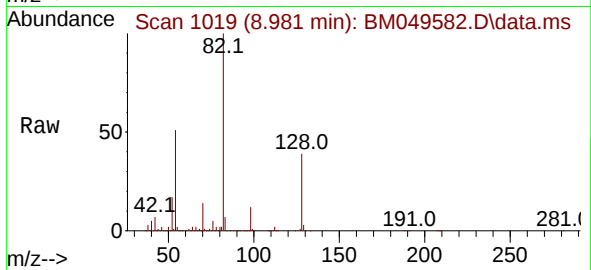
BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 82 Resp: 1089171

Ion	Ratio	Lower	Upper
82	100		
128	38.6	31.6	47.4
54	51.0	39.4	59.0



#24

Nitrobenzene

Concen: 10.710 ng

RT: 9.022 min Scan# 1026

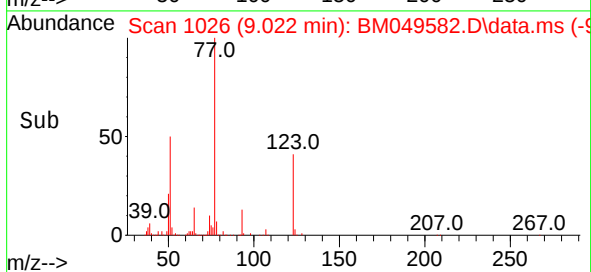
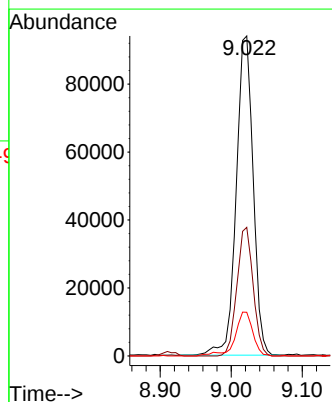
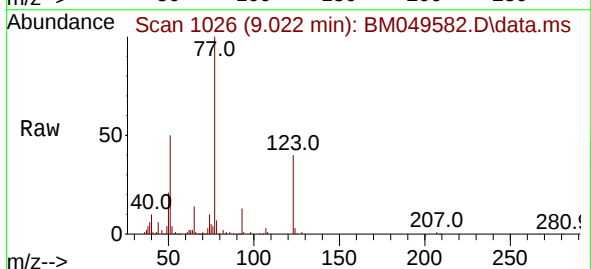
Delta R.T. 0.000 min

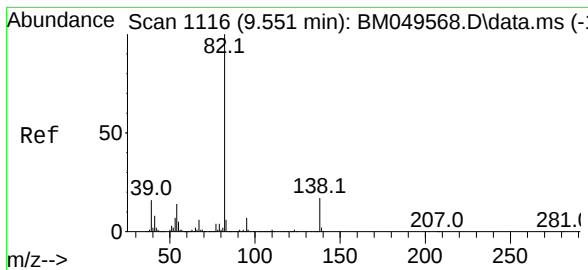
Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Tgt Ion: 77 Resp: 156037

Ion	Ratio	Lower	Upper
77	100		
123	40.2	33.4	50.2
65	13.6	10.5	15.7





#25

Isophorone

Concen: 9.889 ng

RT: 9.545 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

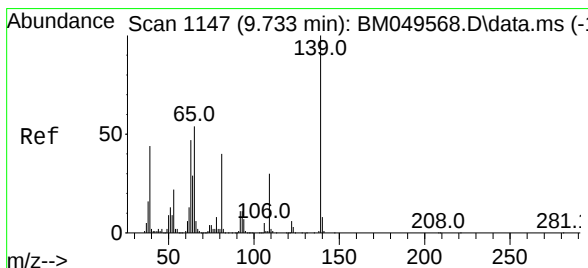
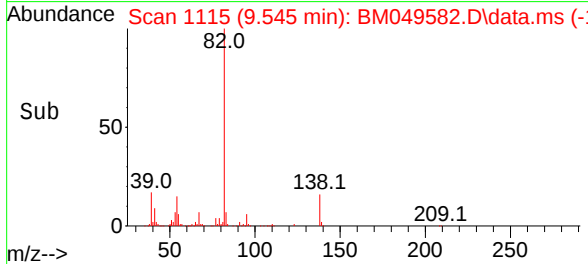
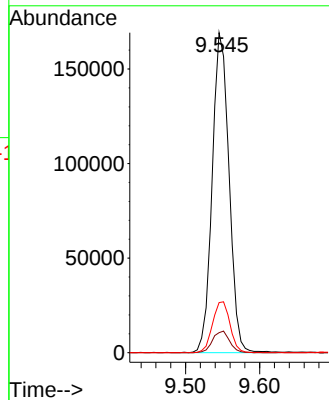
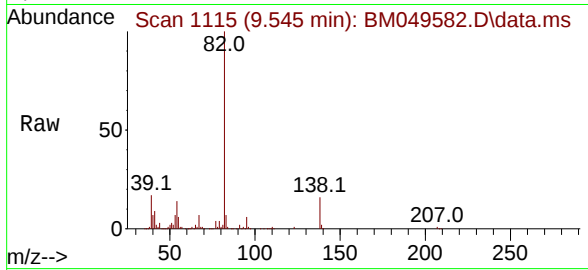
Tgt Ion: 82 Resp: 267439

Ion Ratio Lower Upper

82 100

95 6.3 5.5 8.3

138 15.6 13.6 20.4



#26

2-Nitrophenol

Concen: 7.987 ng

RT: 9.734 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

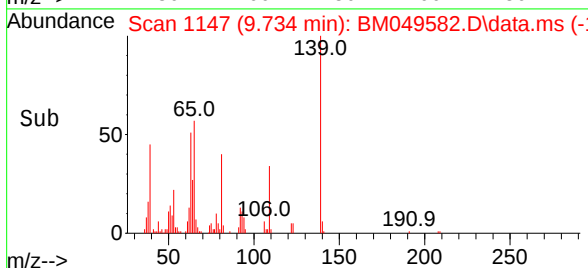
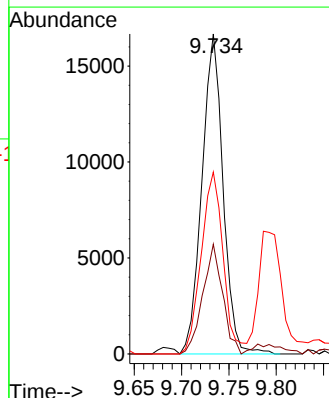
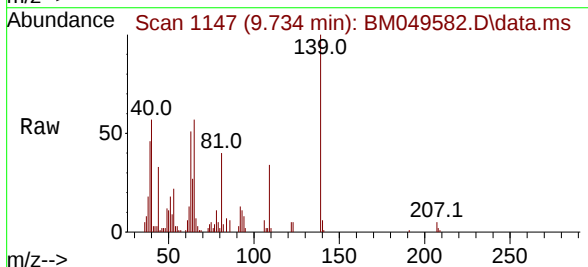
Tgt Ion:139 Resp: 25814

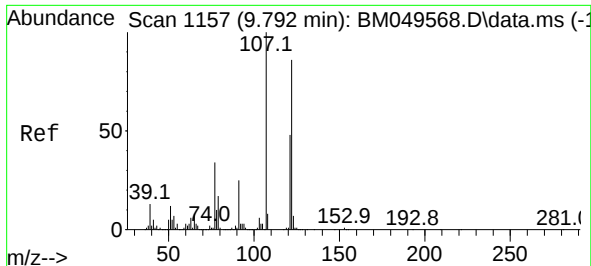
Ion Ratio Lower Upper

139 100

109 34.3 24.2 36.2

65 56.9 43.4 65.2





#27

2,4-Dimethylphenol

Concen: 9.741 ng

RT: 9.792 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BM049582.D

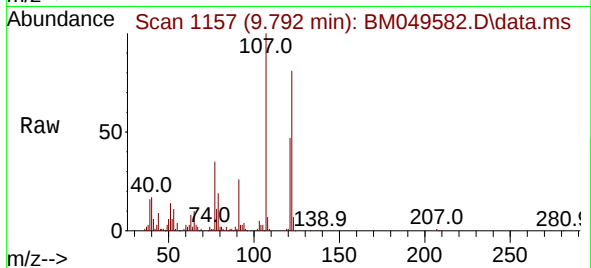
Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025



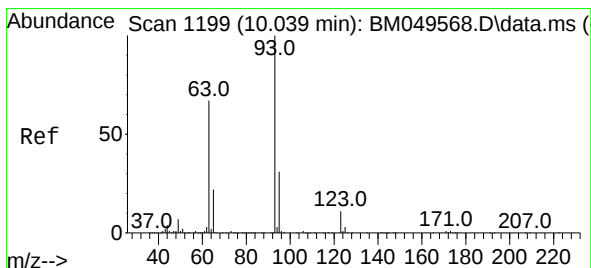
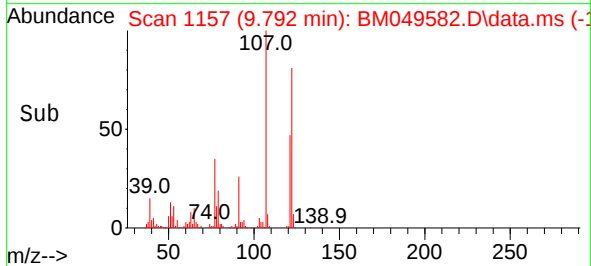
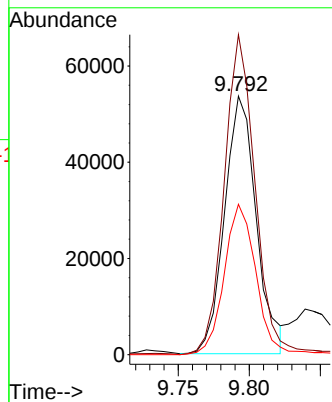
Tgt Ion:122 Resp: 83289

Ion Ratio Lower Upper

122 100

107 123.8 93.2 139.8

121 58.2 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 9.508 ng

RT: 10.034 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

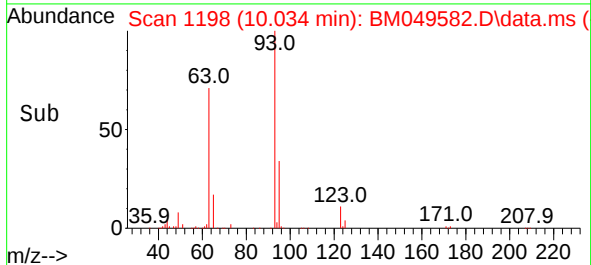
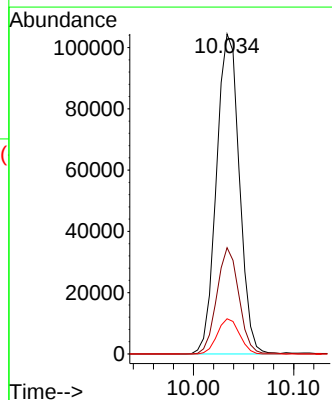
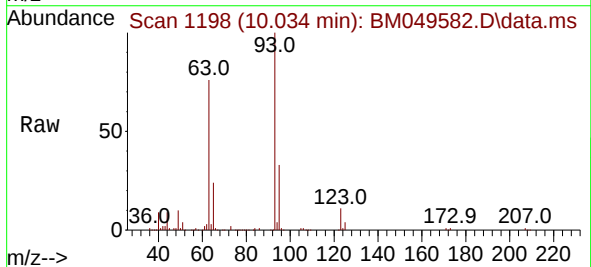
Tgt Ion: 93 Resp: 165597

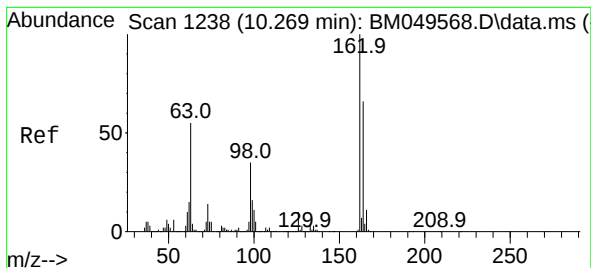
Ion Ratio Lower Upper

93 100

95 33.2 25.2 37.8

123 11.0 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 8.134 ng

RT: 10.263 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

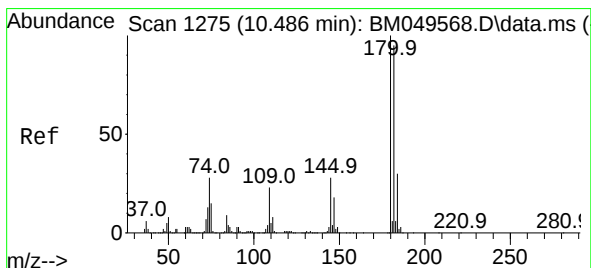
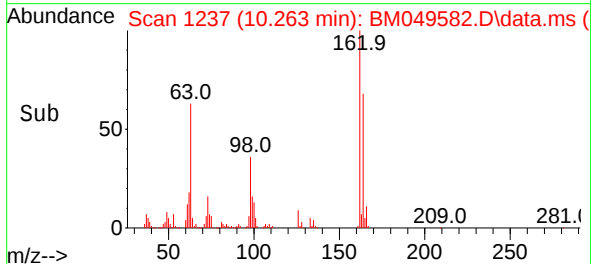
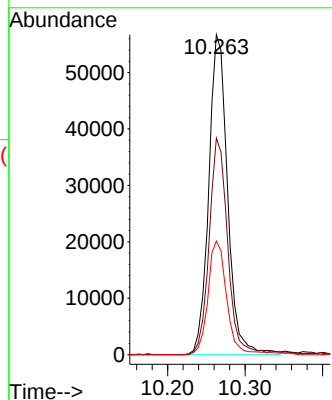
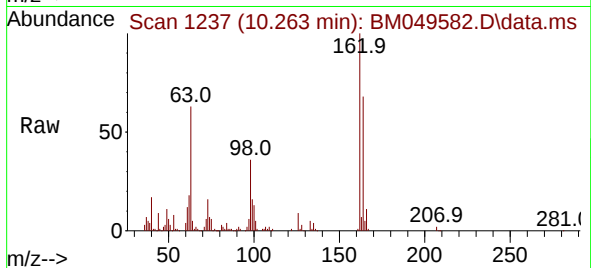
Tgt Ion:162 Resp: 95783

Ion Ratio Lower Upper

162 100

164 67.7 46.0 86.0

98 35.5 14.7 54.7



#30

1,2,4-Trichlorobenzene

Concen: 9.348 ng

RT: 10.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

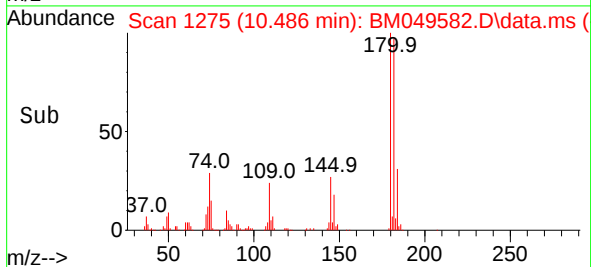
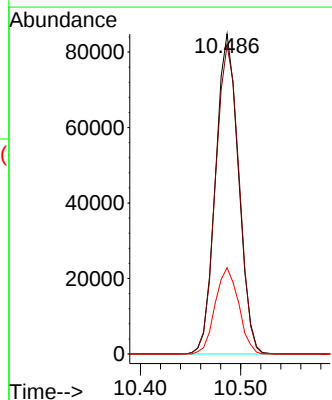
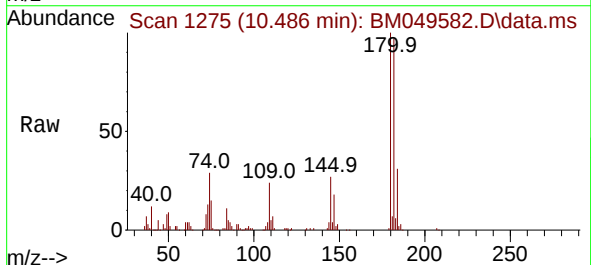
Tgt Ion:180 Resp: 134858

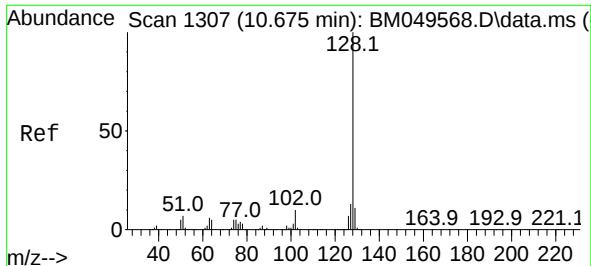
Ion Ratio Lower Upper

180 100

182 96.6 76.4 114.6

145 27.0 22.5 33.7

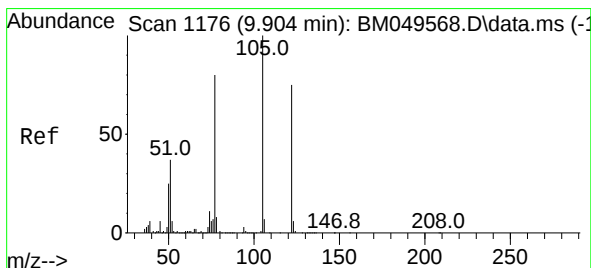
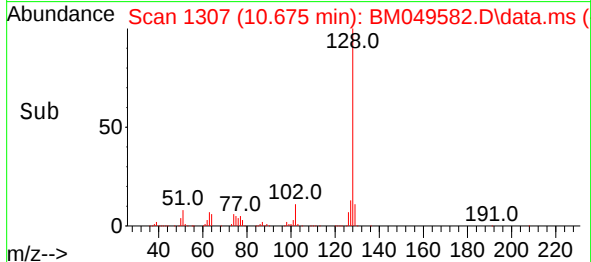
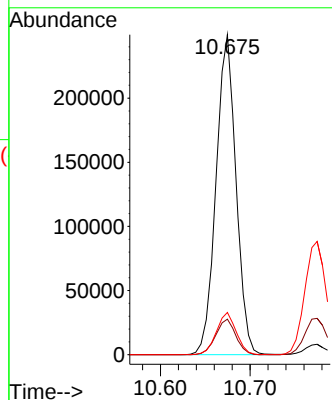
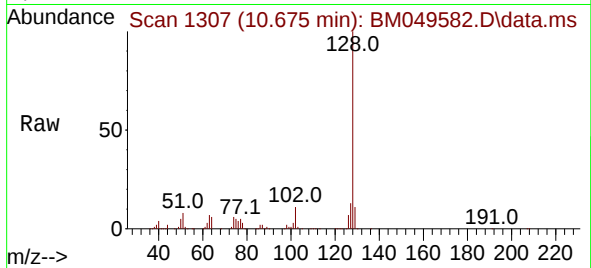




#31
Naphthalene
Concen: 9.474 ng
RT: 10.675 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

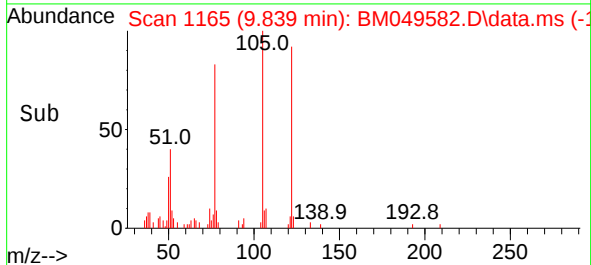
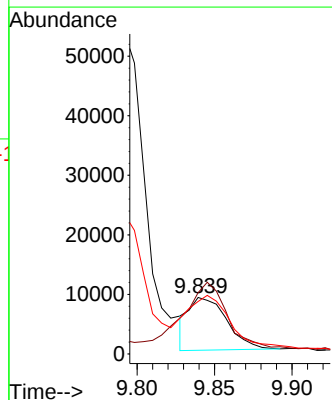
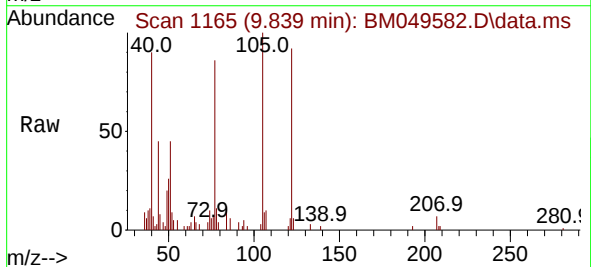
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

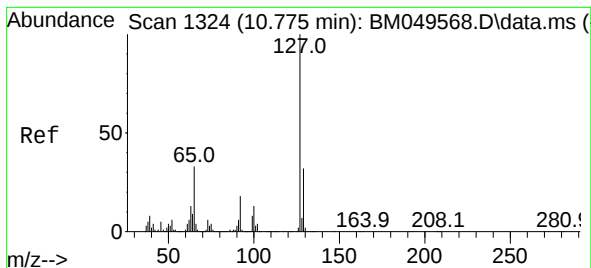
Tgt Ion:128 Resp: 385381
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 8.496 ng
RT: 9.839 min Scan# 1165
Delta R.T. -0.065 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:122 Resp: 15115
Ion Ratio Lower Upper
122 100
105 108.6 103.6 143.6
77 93.1 82.4 122.4





#33

4-Chloroaniline

Concen: 9.739 ng

RT: 10.775 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:127 Resp: 148286

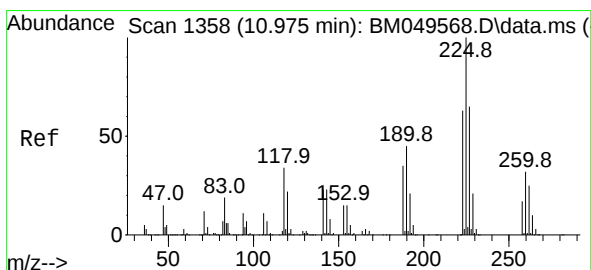
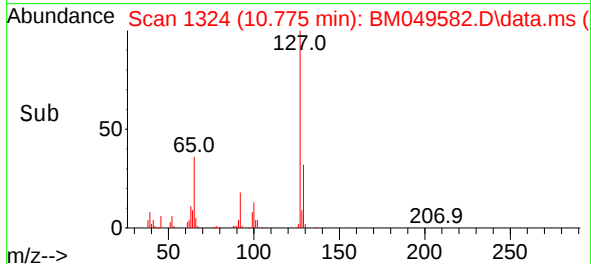
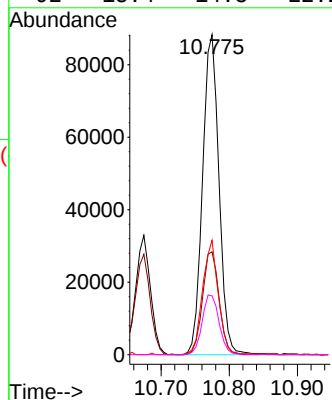
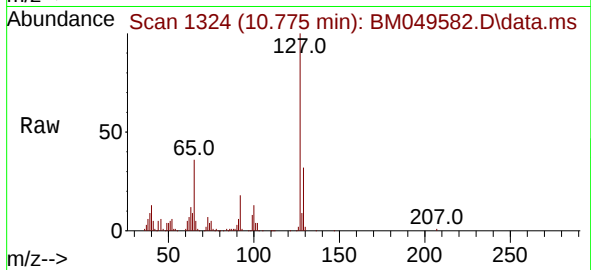
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 35.7 26.4 39.6

92 18.4 14.8 22.2



#34

Hexachlorobutadiene

Concen: 9.925 ng

RT: 10.975 min Scan# 1358

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

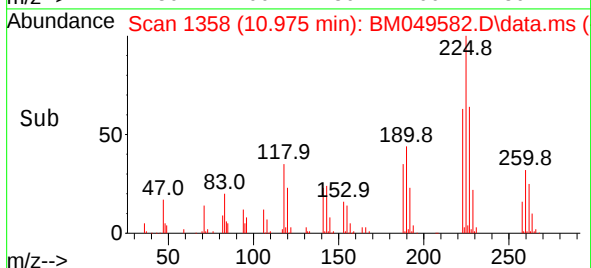
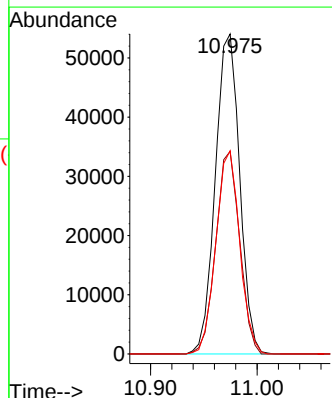
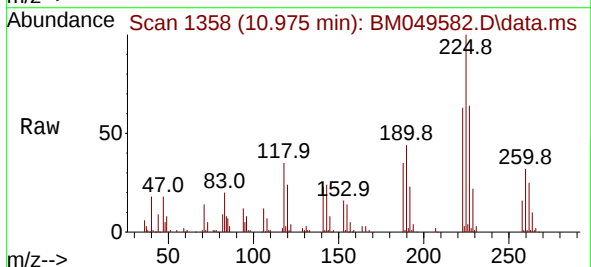
Tgt Ion:225 Resp: 85751

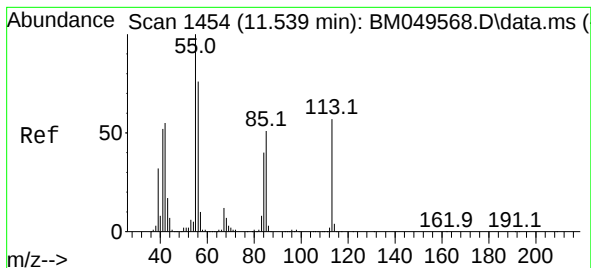
Ion Ratio Lower Upper

225 100

223 63.3 50.6 75.8

227 63.5 51.8 77.6





#35

Caprolactam

Concen: 7.117 ng

RT: 11.516 min Scan# 1450

Delta R.T. -0.023 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

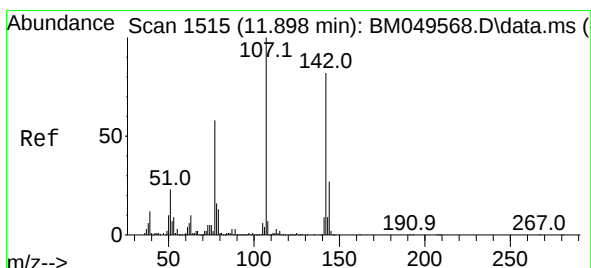
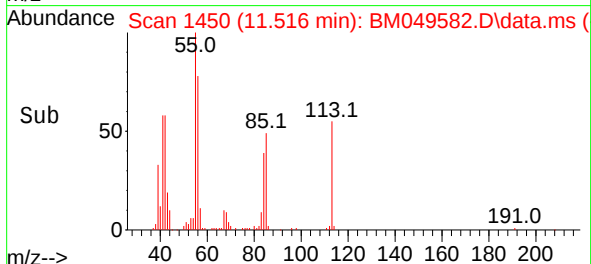
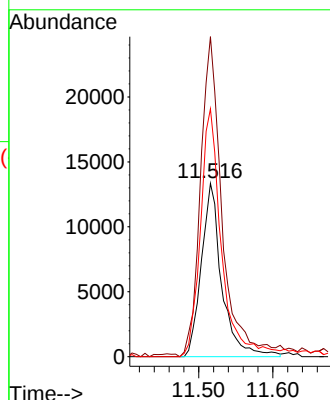
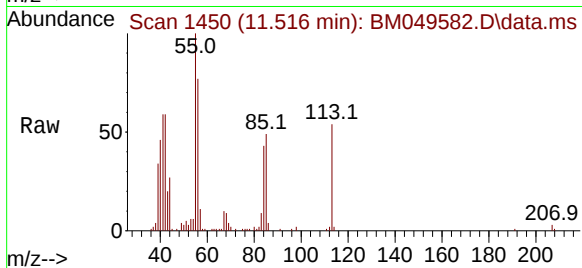
Tgt Ion:113 Resp: 25569

Ion Ratio Lower Upper

113 100

55 184.6 157.5 197.5

56 143.0 114.6 154.6



#36

4-Chloro-3-methylphenol

Concen: 7.576 ng

RT: 11.898 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

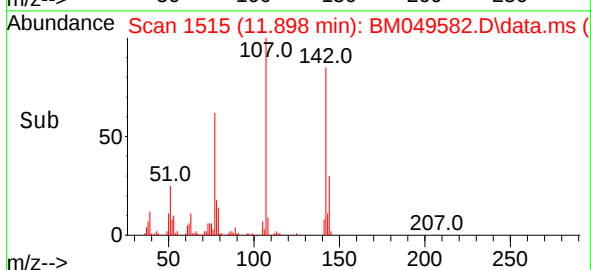
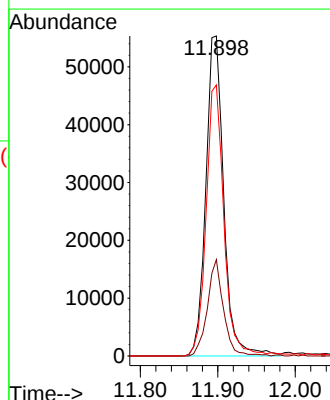
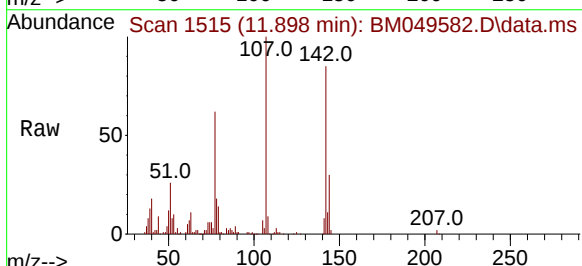
Tgt Ion:107 Resp: 88968

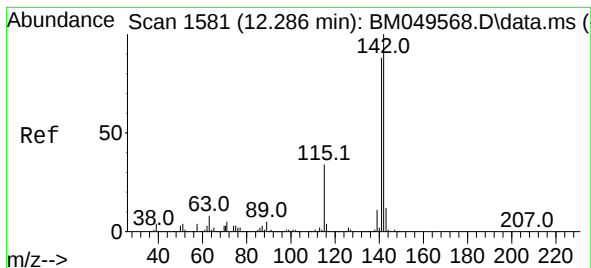
Ion Ratio Lower Upper

107 100

144 30.1 21.2 31.8

142 84.7 65.4 98.2

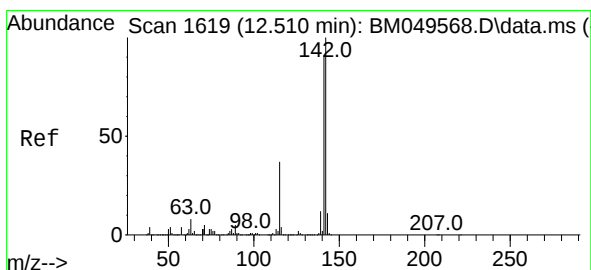
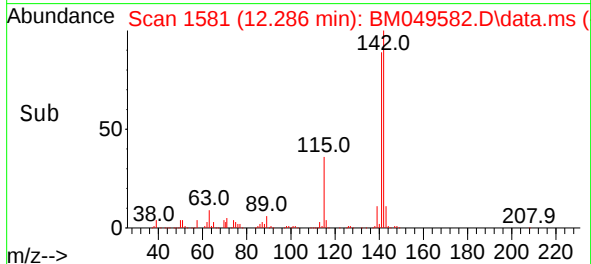
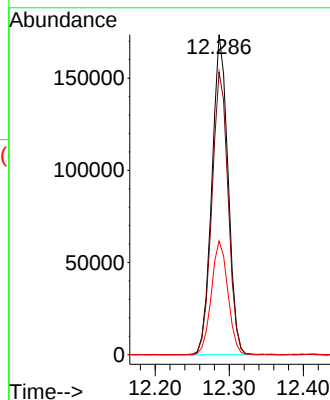
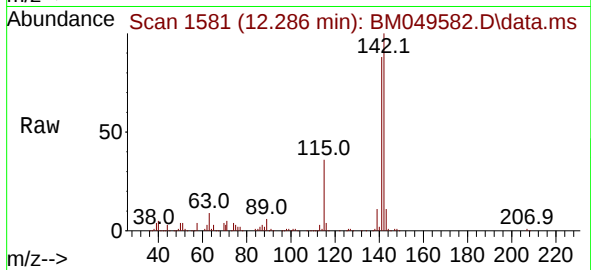




#37
2-Methylnaphthalene
Concen: 9.141 ng
RT: 12.286 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

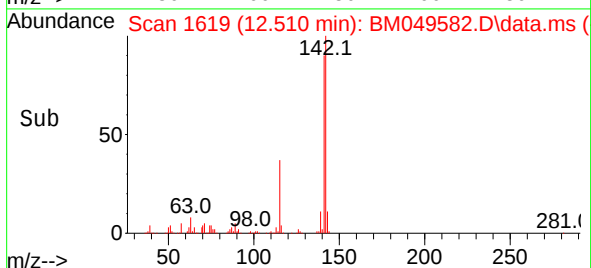
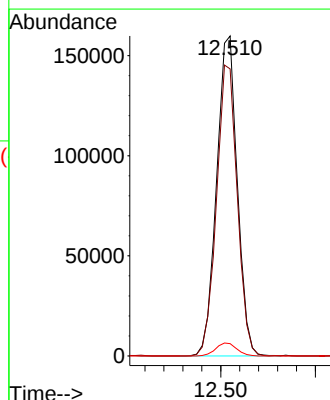
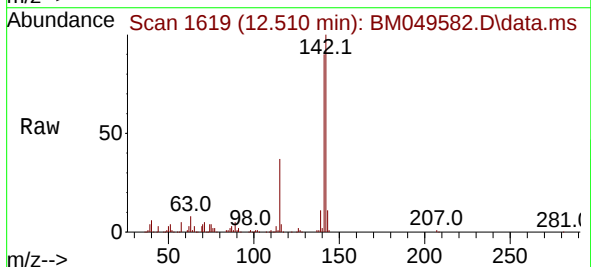
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

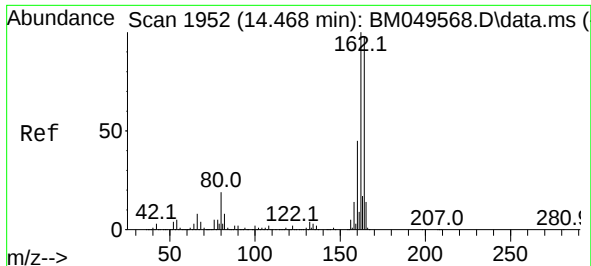
Tgt Ion:142 Resp: 261799
Ion Ratio Lower Upper
142 100
141 88.3 70.2 105.4
115 35.6 27.5 41.3



#38
1-Methylnaphthalene
Concen: 8.699 ng
RT: 12.510 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:142 Resp: 242416
Ion Ratio Lower Upper
142 100
141 89.7 73.1 109.7
116 3.8 3.1 4.7

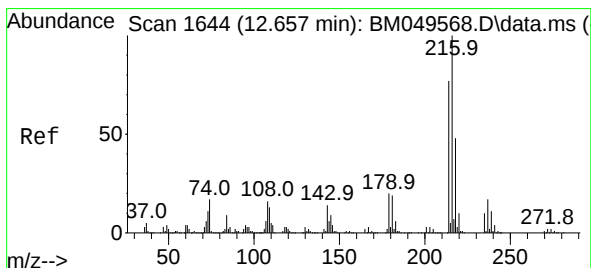
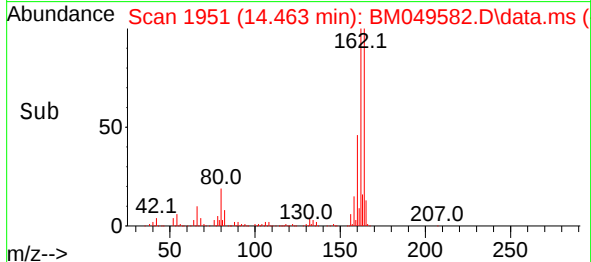
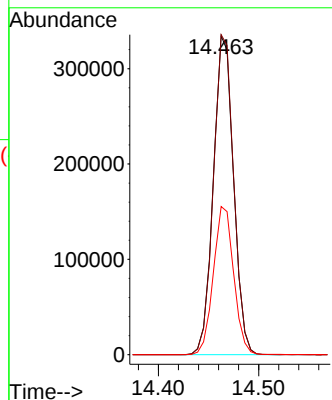
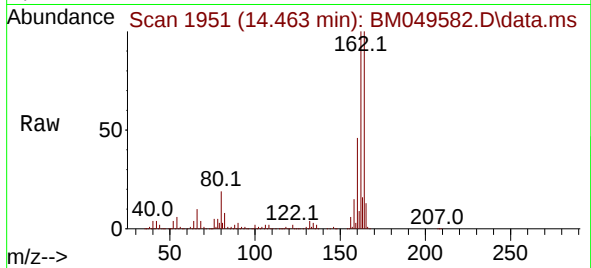




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

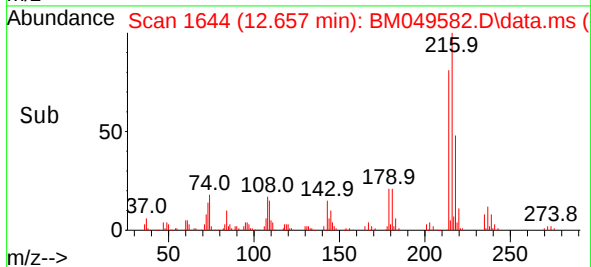
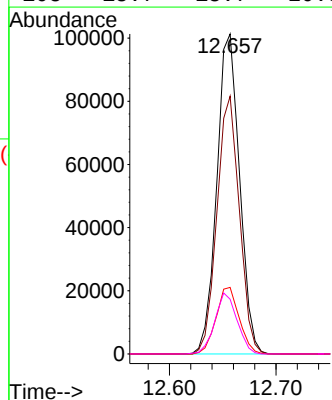
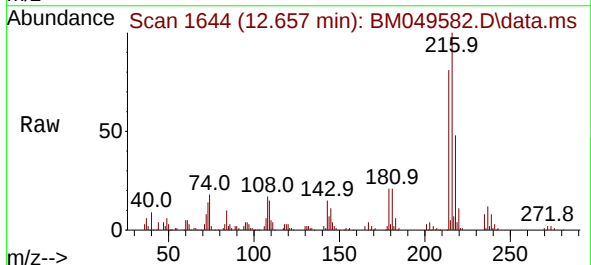
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

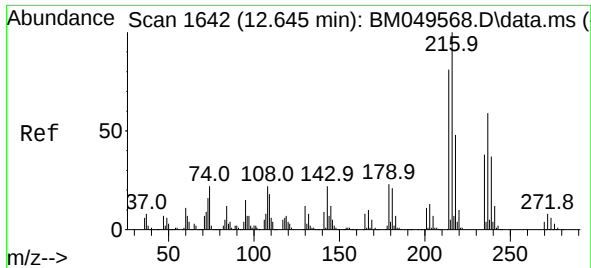
Tgt Ion:164 Resp: 467199
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 46.5 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.770 ng
RT: 12.657 min Scan# 1644
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:216 Resp: 150074
Ion Ratio Lower Upper
216 100
214 79.2 62.4 93.6
179 21.2 16.3 24.5
108 18.7 13.7 20.5

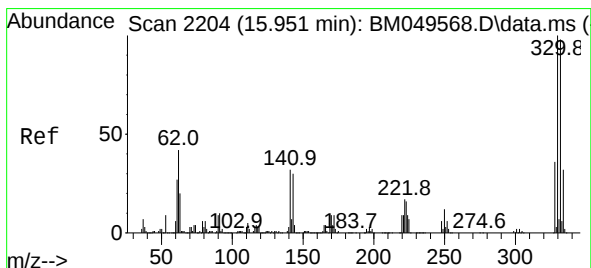
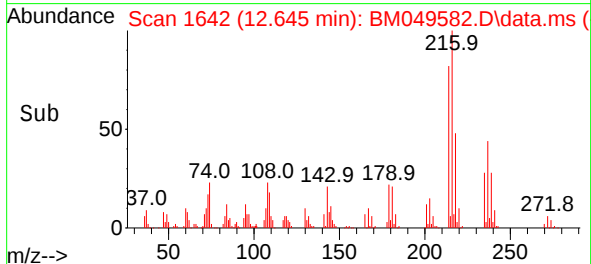
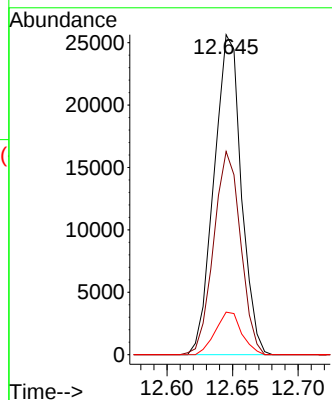
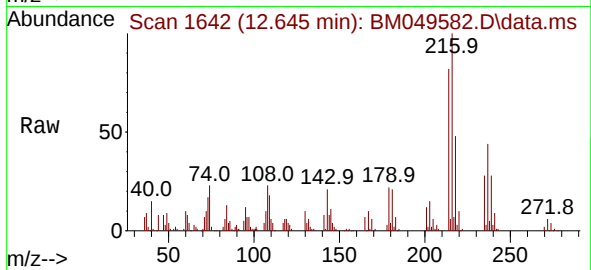




#41
Hexachlorocyclopentadiene
Concen: 9.462 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

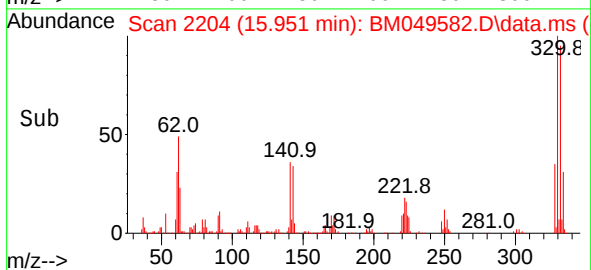
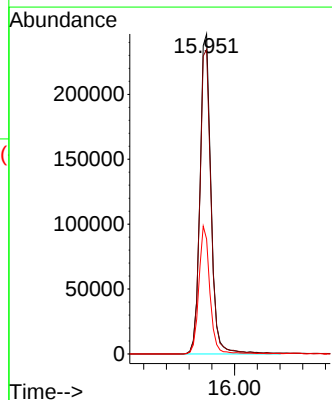
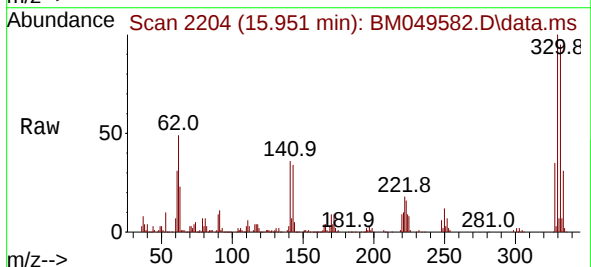
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

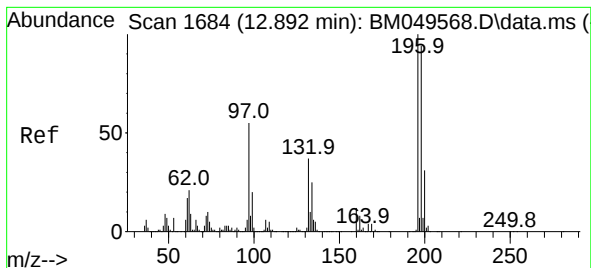
Tgt Ion:237	Resp:	37105
Ion Ratio	Lower	Upper
237	100	
235	63.5	43.8 83.8
272	13.3	0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 60.170 ng
RT: 15.951 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:330	Resp:	333094
Ion Ratio	Lower	Upper
330	100	
332	96.2	77.3 115.9
141	40.0	28.2 42.2





#43

2,4,6-Trichlorophenol

Concen: 7.090 ng

RT: 12.892 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049582.D

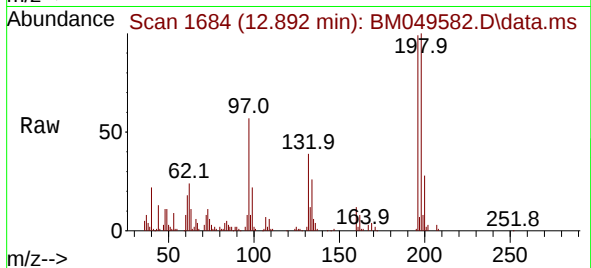
Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025



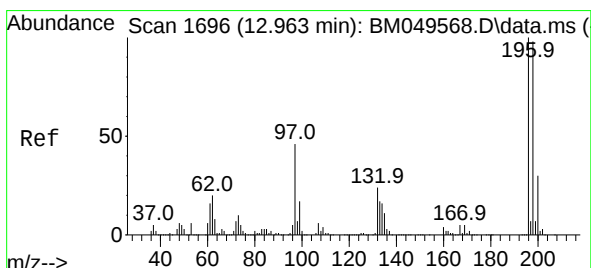
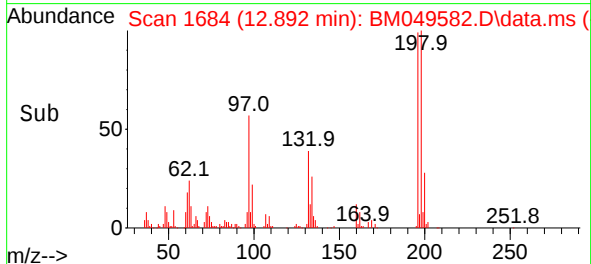
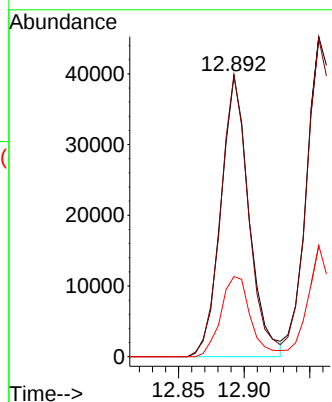
Tgt Ion:196 Resp: 59426

Ion Ratio Lower Upper

196 100

198 100.5 75.4 113.0

200 28.6 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 7.779 ng

RT: 12.957 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Tgt Ion:196 Resp: 71660

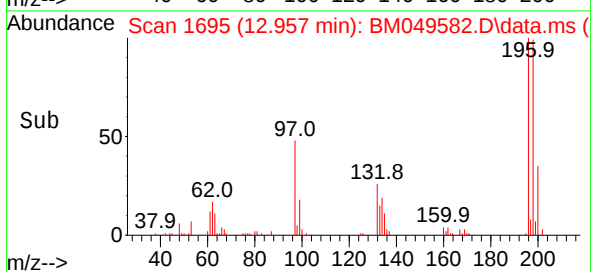
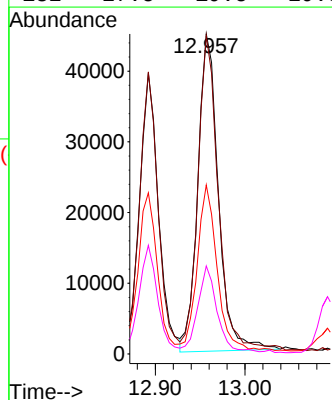
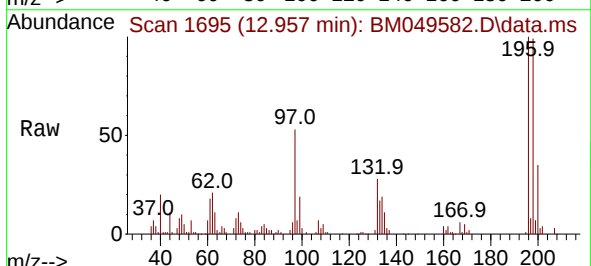
Ion Ratio Lower Upper

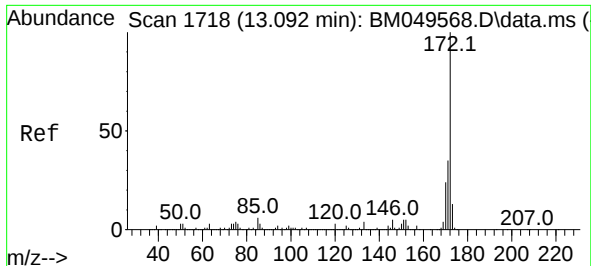
196 100

198 99.4 78.4 117.6

97 52.8 37.4 56.0

132 27.5 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 69.911 ng

RT: 13.092 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

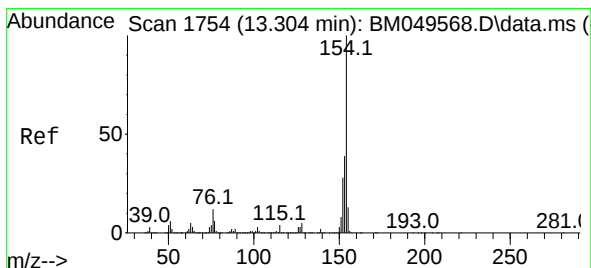
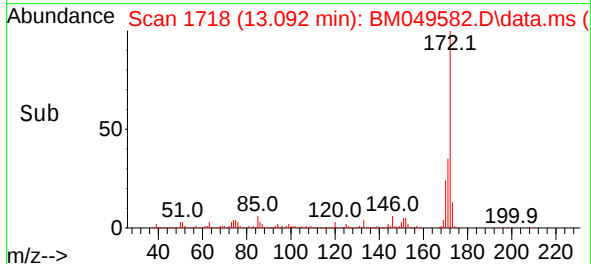
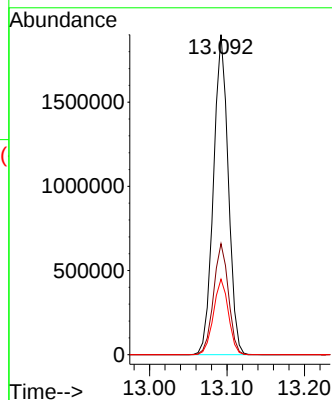
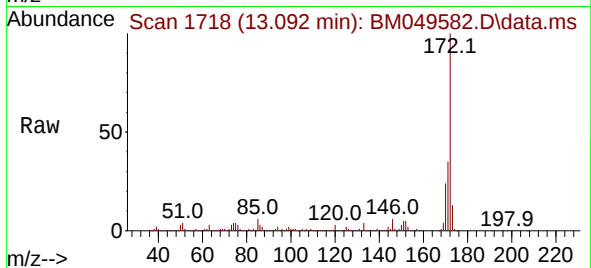
Tgt Ion:172 Resp: 2521299

Ion Ratio Lower Upper

172 100

171 34.7 28.0 42.0

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 9.732 ng

RT: 13.304 min Scan# 1754

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

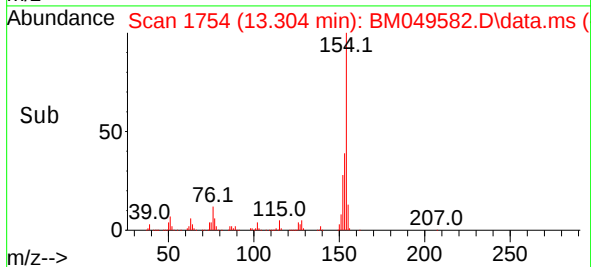
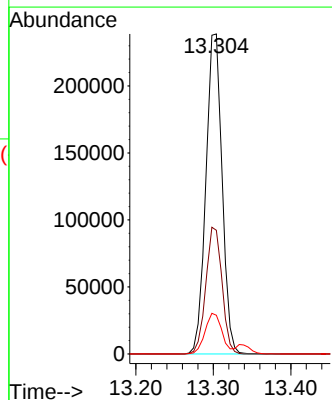
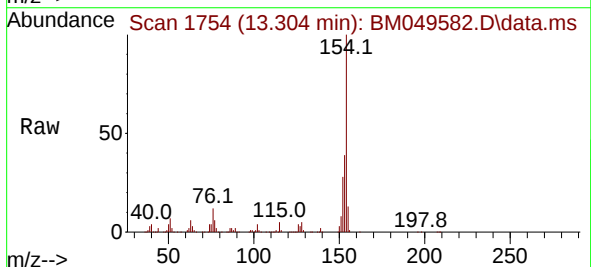
Tgt Ion:154 Resp: 346844

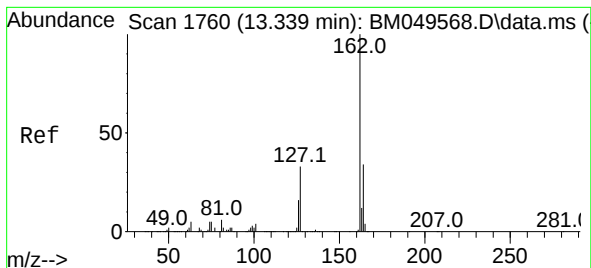
Ion Ratio Lower Upper

154 100

153 38.7 19.5 59.5

76 12.1 0.0 32.1





#47

2-Chloronaphthalene

Concen: 9.690 ng

RT: 13.339 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

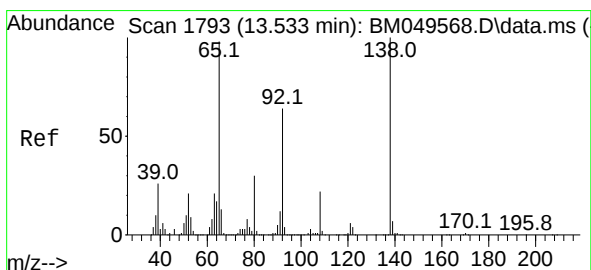
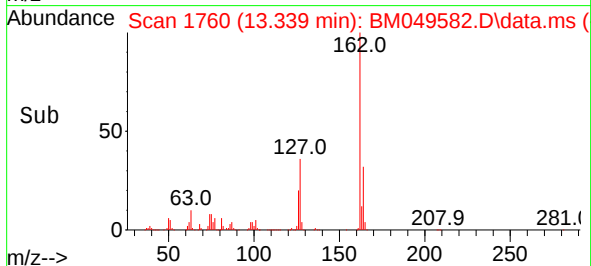
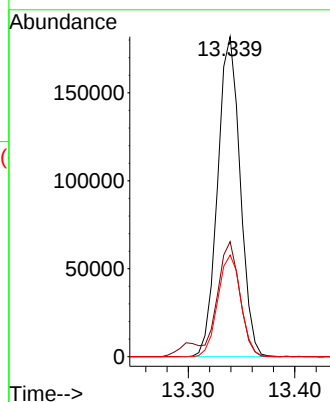
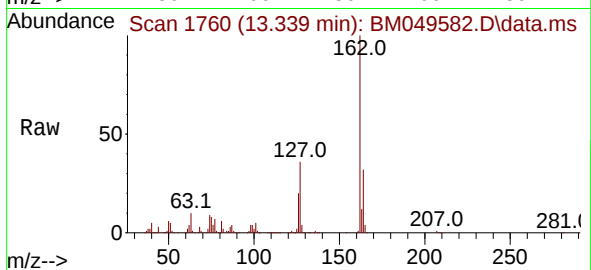
Tgt Ion:162 Resp: 267202

Ion Ratio Lower Upper

162 100

127 36.0 27.9 41.9

164 31.8 26.8 40.2



#48

2-Nitroaniline

Concen: 8.099 ng

RT: 13.527 min Scan# 1792

Delta R.T. -0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

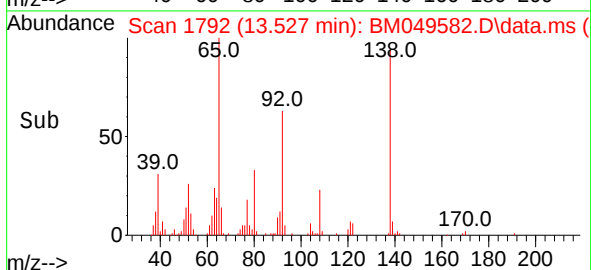
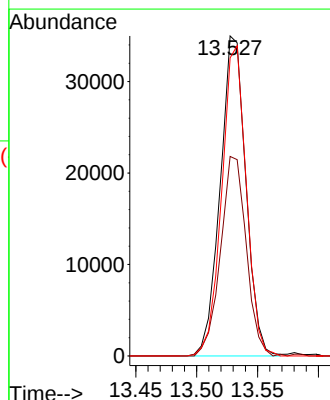
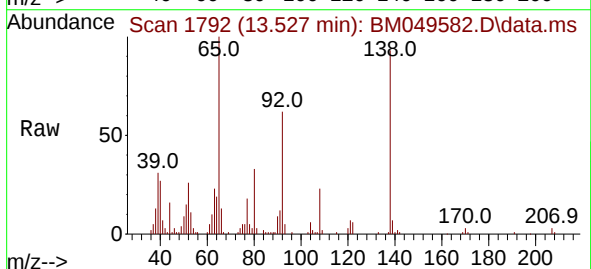
Tgt Ion: 65 Resp: 51245

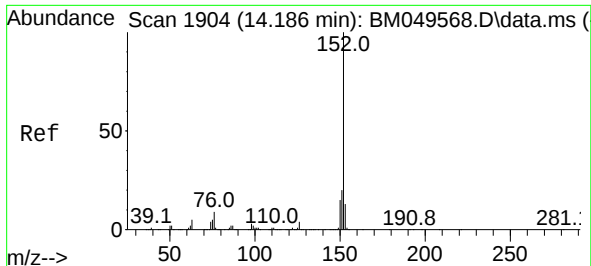
Ion Ratio Lower Upper

65 100

92 62.4 52.0 78.0

138 93.2 81.6 122.4

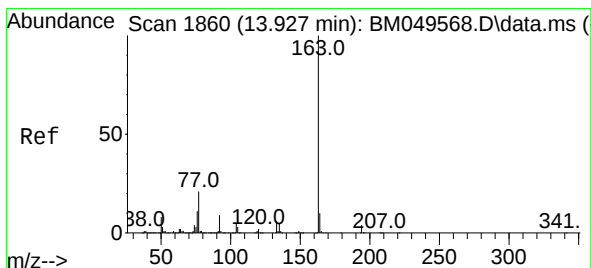
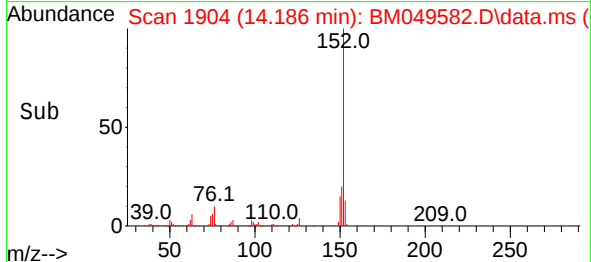
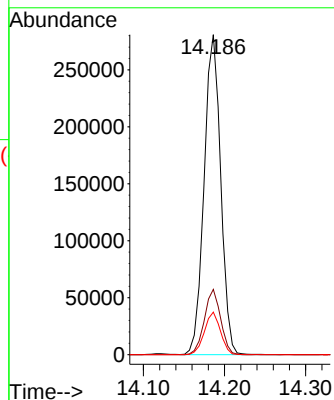
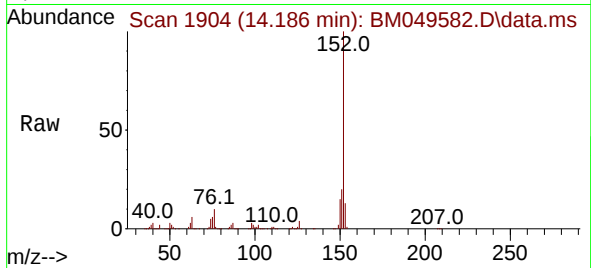




#49
Acenaphthylene
Concen: 9.800 ng
RT: 14.186 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

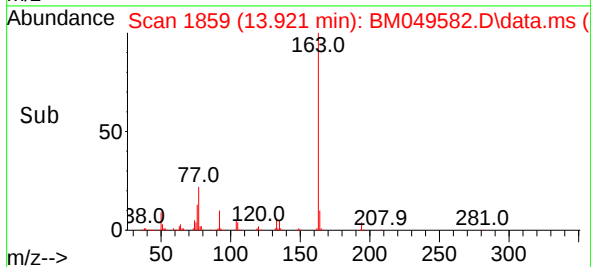
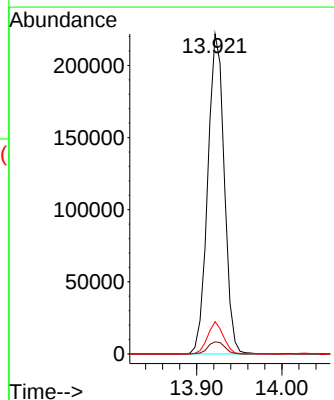
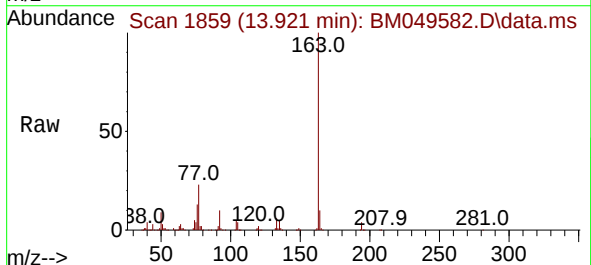
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

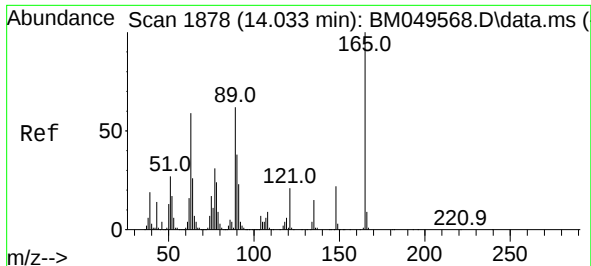
Tgt Ion:152 Resp: 398472
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 8.907 ng
RT: 13.921 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:163 Resp: 298837
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 8.679 ng

RT: 14.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

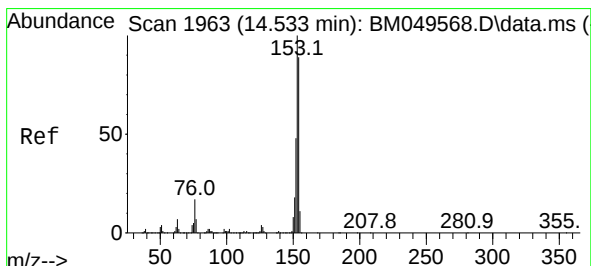
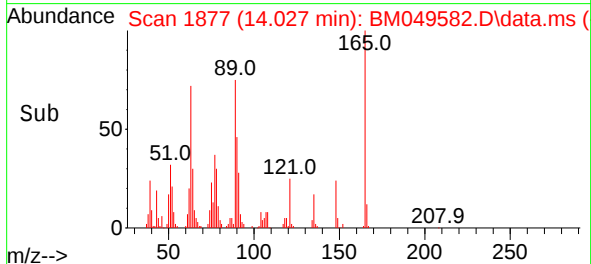
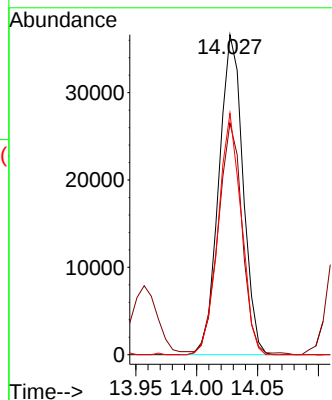
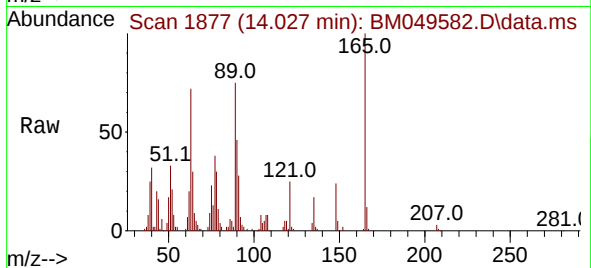
Tgt Ion:165 Resp: 50387

Ion Ratio Lower Upper

165 100

63 72.4 47.8 71.6#

89 75.4 49.2 73.8#



#52

Acenaphthene

Concen: 9.143 ng

RT: 14.527 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

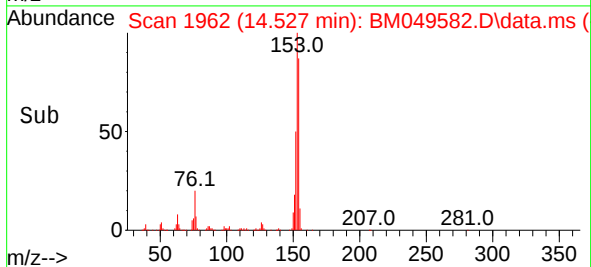
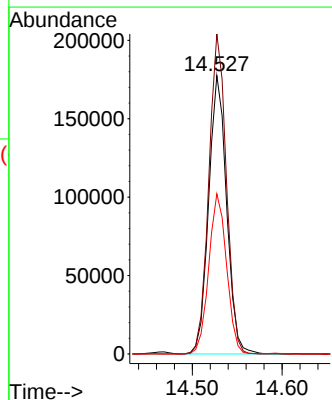
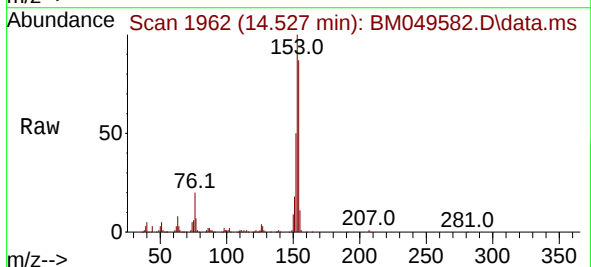
Tgt Ion:154 Resp: 246756

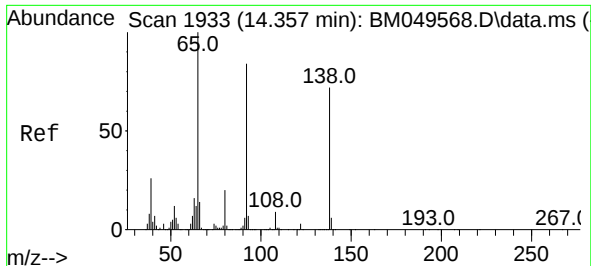
Ion Ratio Lower Upper

154 100

153 114.9 90.0 135.0

152 57.5 43.0 64.4

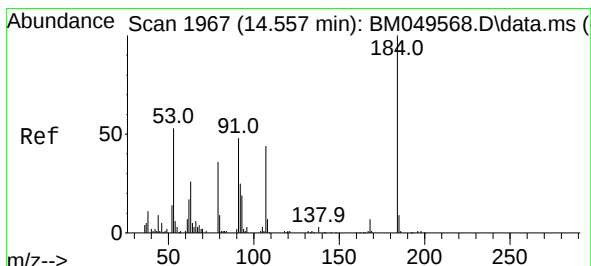
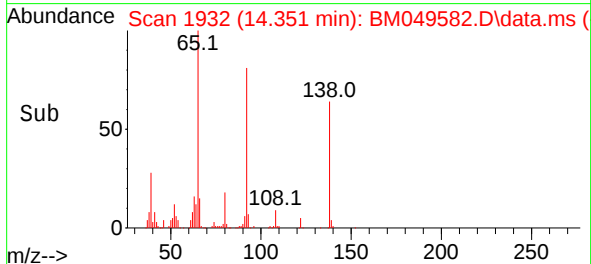
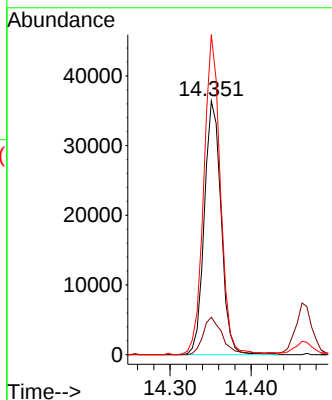
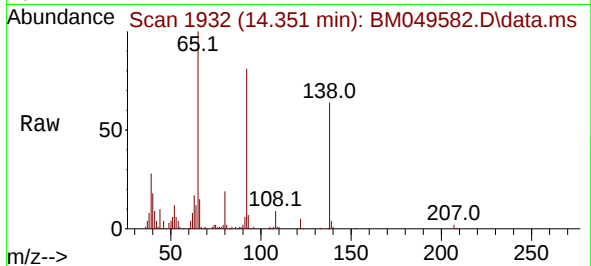




#53
3-Nitroaniline
Concen: 8.801 ng
RT: 14.351 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

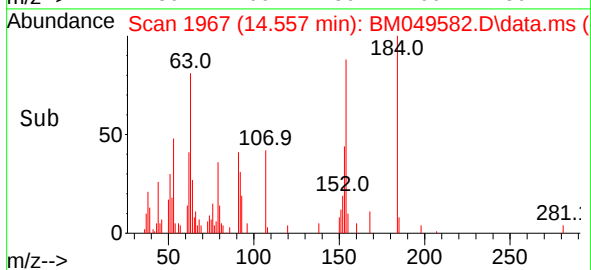
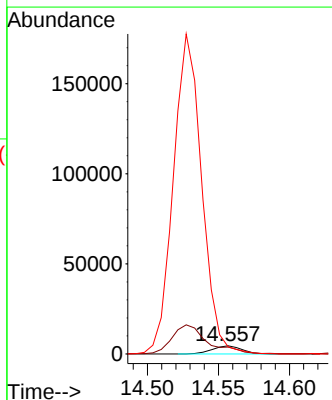
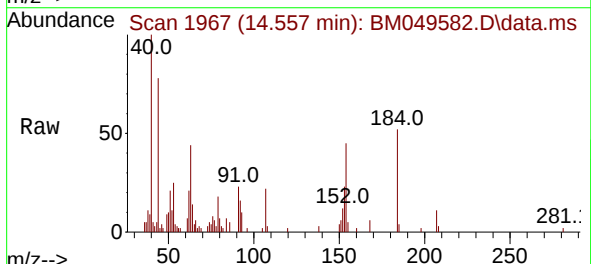
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT1-2025

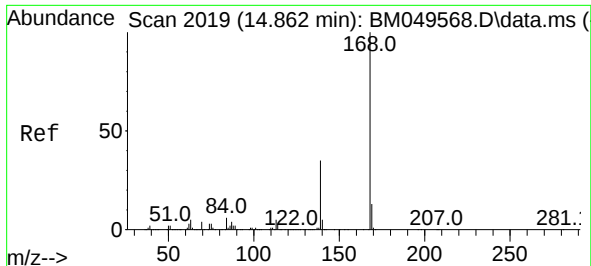
Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.7	10.3	15.5
92	126.2	93.6	140.4



#54
2,4-Dinitrophenol
Concen: 9.365 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	84.8	60.2	90.4
154	87.9	78.2	117.4

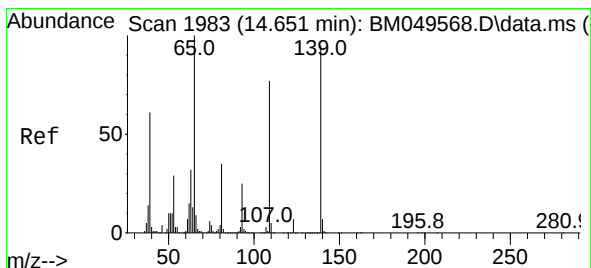
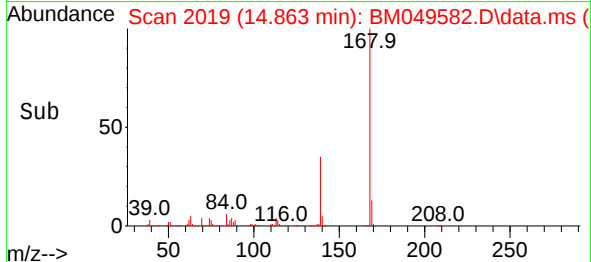
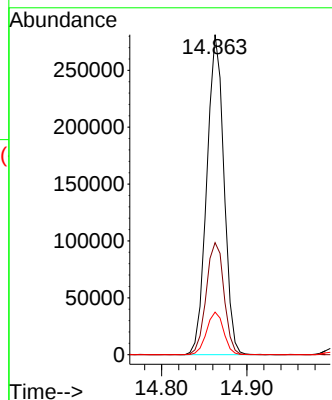
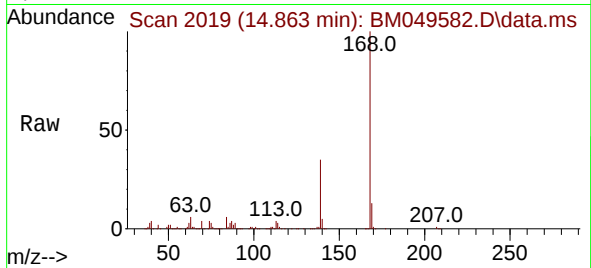




#55
Dibenzenofuran
Concen: 9.129 ng
RT: 14.863 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

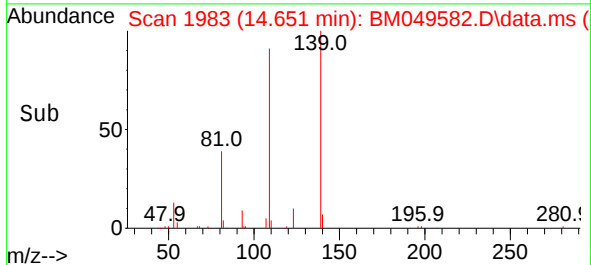
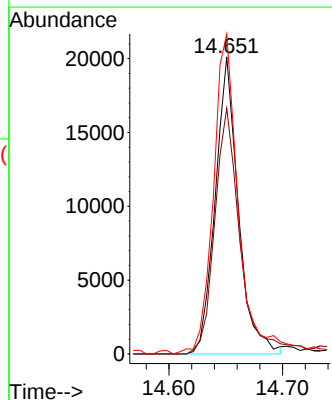
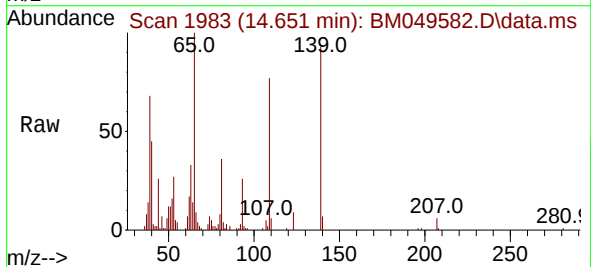
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

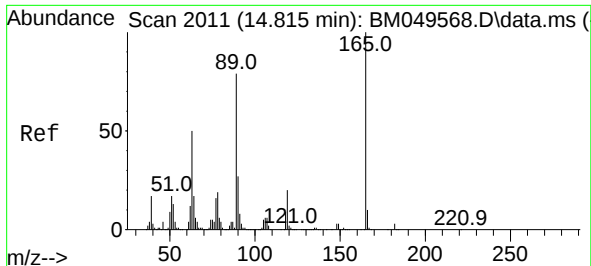
Tgt Ion:168 Resp: 392316
Ion Ratio Lower Upper
168 100
139 35.0 28.4 42.6
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 5.705 ng
RT: 14.651 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:139 Resp: 28429
Ion Ratio Lower Upper
139 100
109 82.7 61.4 101.4
65 107.7 85.6 125.6

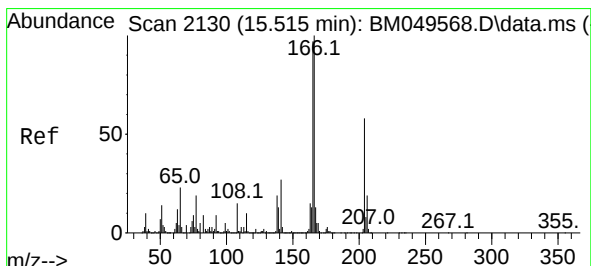
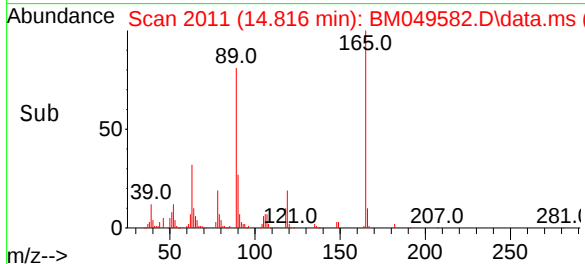
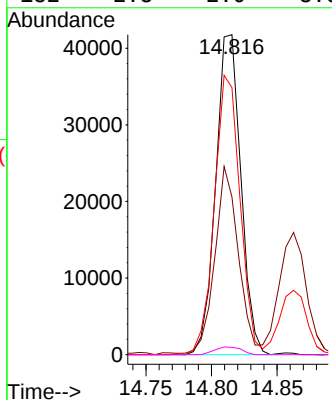
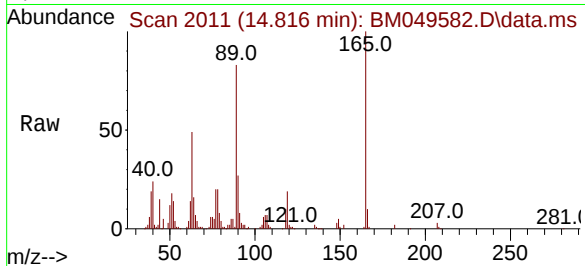




#57
2,4-Dinitrotoluene
Concen: 10.274 ng
RT: 14.816 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

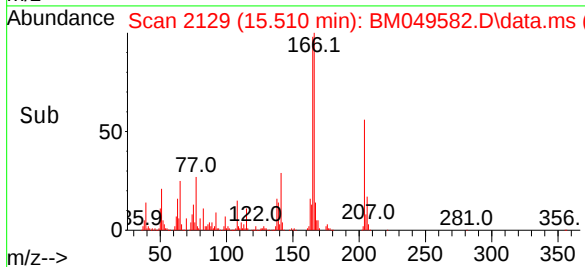
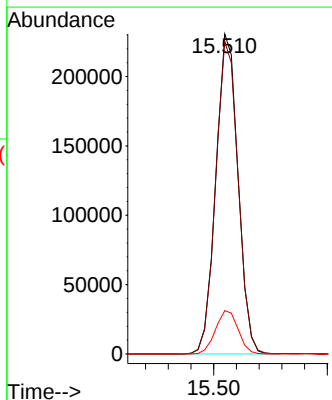
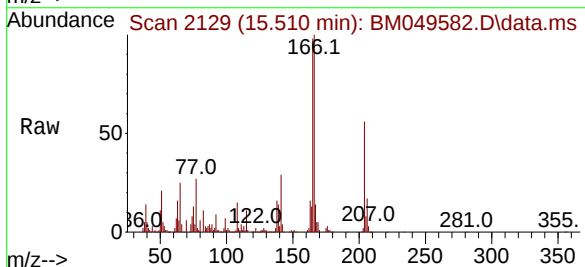
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

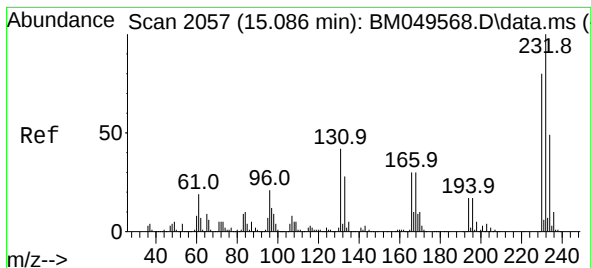
Tgt Ion:165 Resp: 55820
Ion Ratio Lower Upper
165 100
63 49.2 39.8 59.6
89 83.5 63.5 95.3
182 2.3 2.0 3.0



#58
Fluorene
Concen: 8.498 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:166 Resp: 312401
Ion Ratio Lower Upper
166 100
165 97.7 77.7 116.5
167 13.5 10.7 16.1

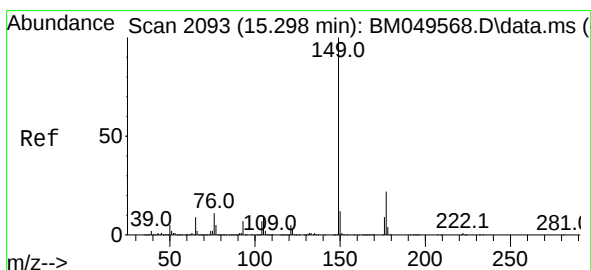
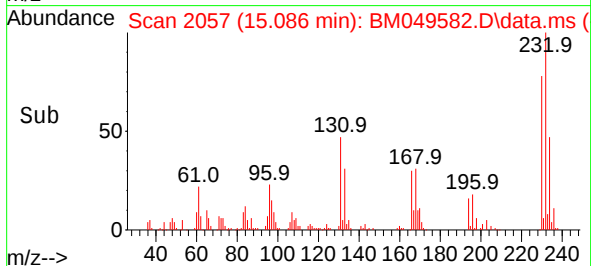
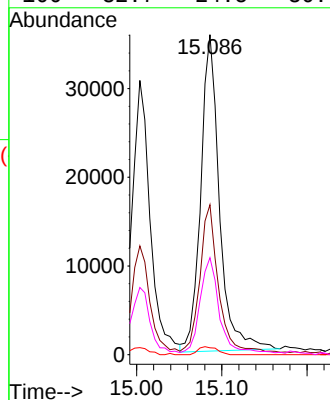
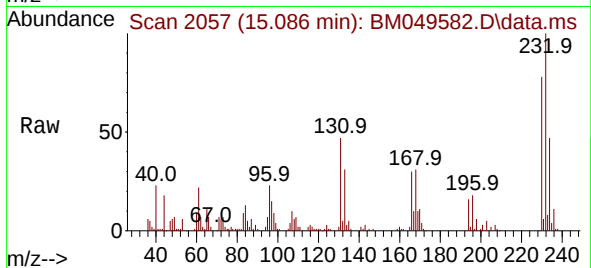




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.992 ng
RT: 15.086 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

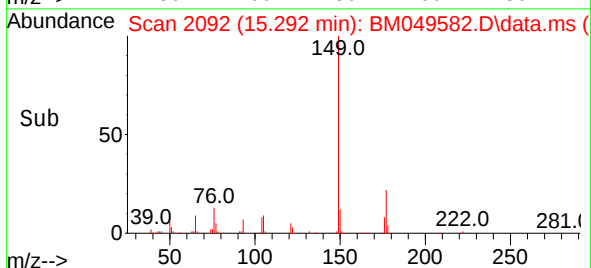
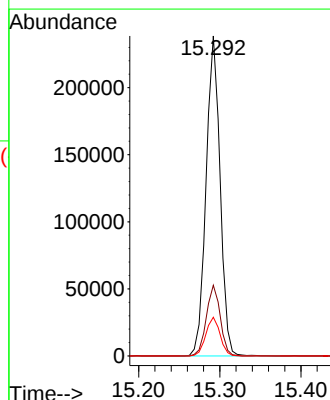
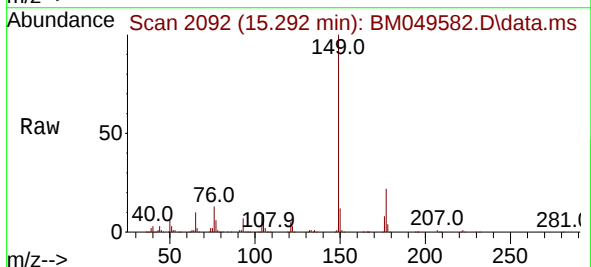
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

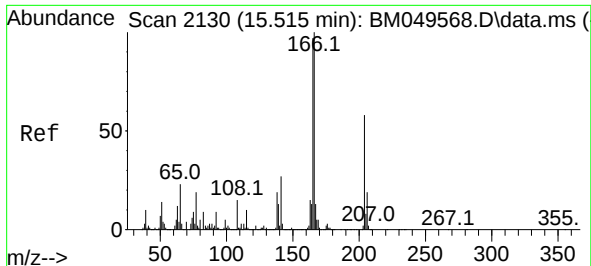
Tgt Ion:232	Resp:	54416
Ion Ratio	Lower	Upper
232	100	
131	46.8	34.5 51.7
130	2.6	1.9 2.9
166	32.7	24.5 36.7



#60
Diethylphthalate
Concen: 8.445 ng
RT: 15.292 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:149	Resp:	284769
Ion Ratio	Lower	Upper
149	100	
177	22.1	18.0 27.0
150	12.1	9.7 14.5

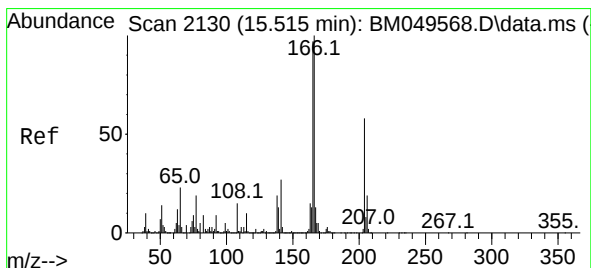
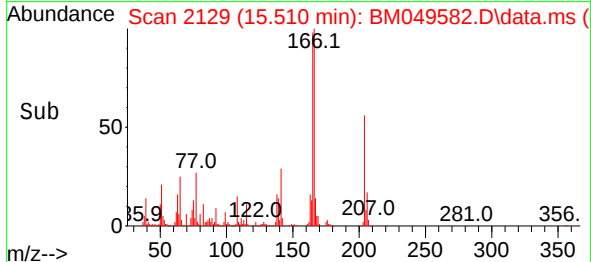
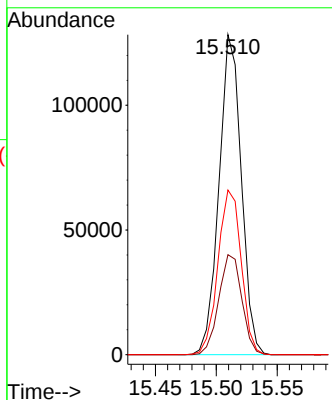
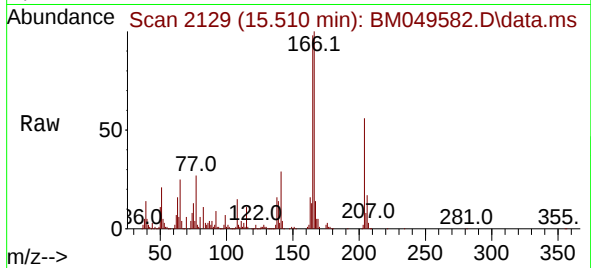




#61
4-Chlorophenyl-phenylether
Concen: 8.343 ng
RT: 15.510 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

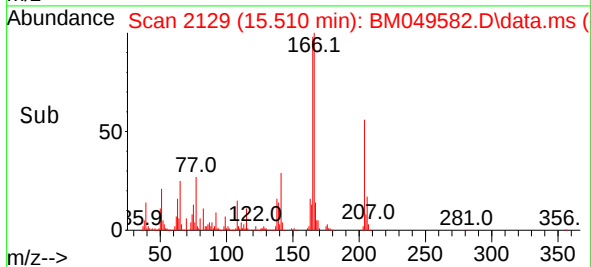
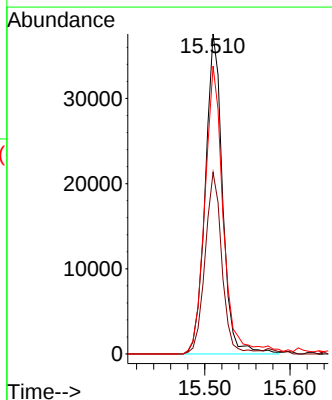
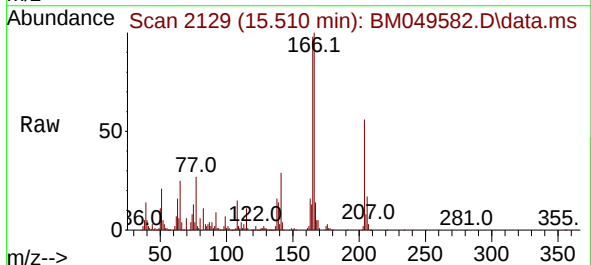
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

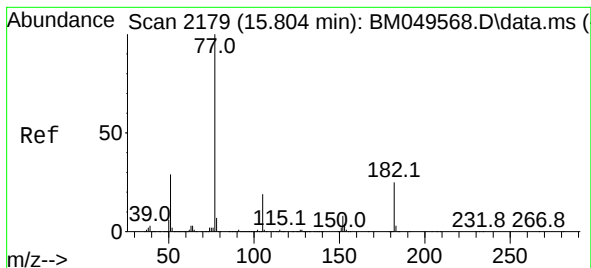
Tgt Ion:204 Resp: 163245
Ion Ratio Lower Upper
204 100
206 31.2 26.0 39.0
141 51.5 37.1 55.7



#62
4-Nitroaniline
Concen: 7.985 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:138 Resp: 52857
Ion Ratio Lower Upper
138 100
92 56.8 29.3 69.3
108 90.0 60.1 100.1





#63

Azobenzene

Concen: 9.601 ng

RT: 15.804 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BM049582.D

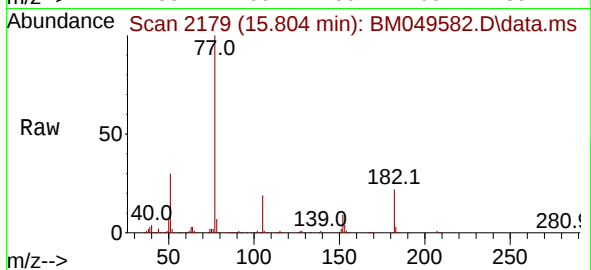
Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion: 77 Resp: 337924

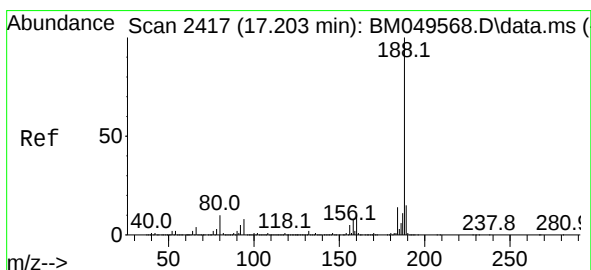
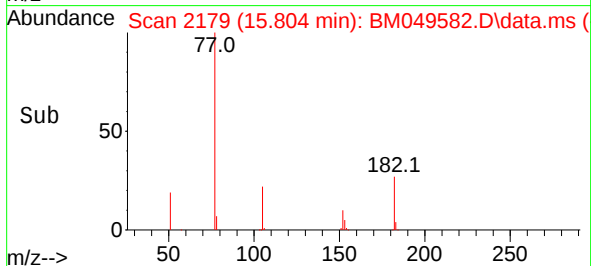
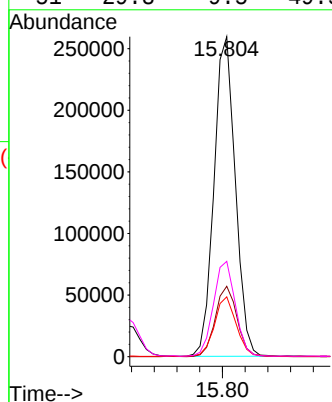
Ion Ratio Lower Upper

77 100

182 22.0 4.7 44.7

105 18.7 0.0 39.3

51 29.8 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: BM049582.D

Acq: 06 Feb 2025 16:24

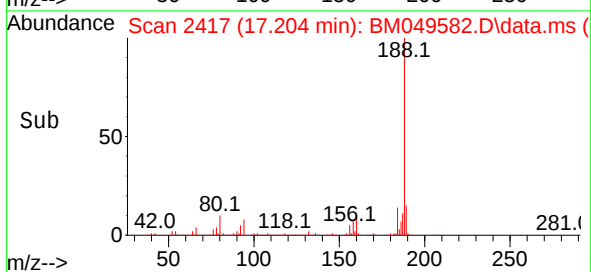
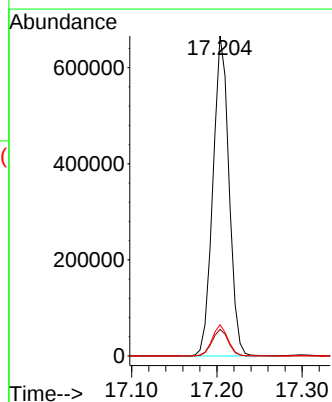
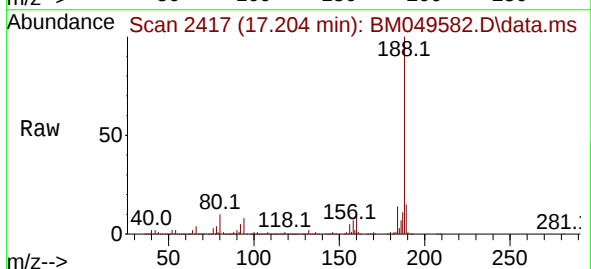
Tgt Ion: 188 Resp: 872707

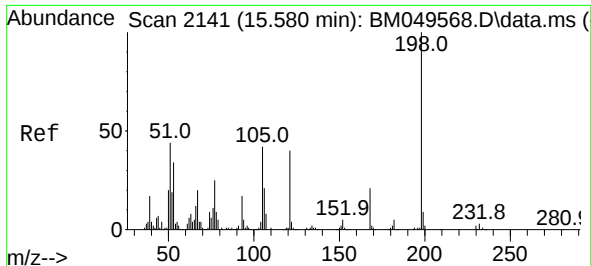
Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

80 9.7 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 9.878 ng

RT: 15.574 min Scan# 2140

Delta R.T. -0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

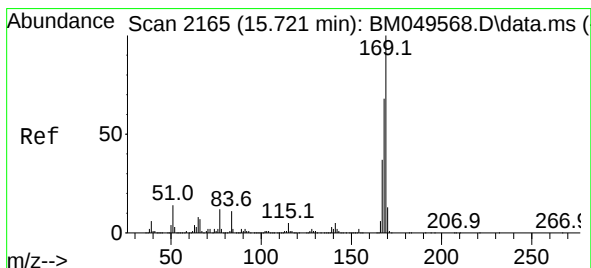
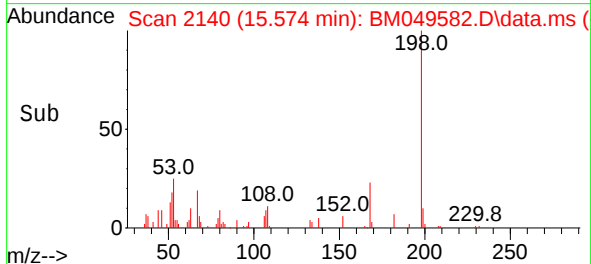
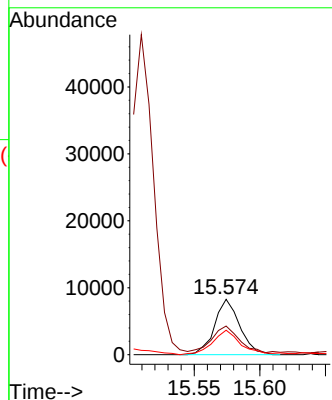
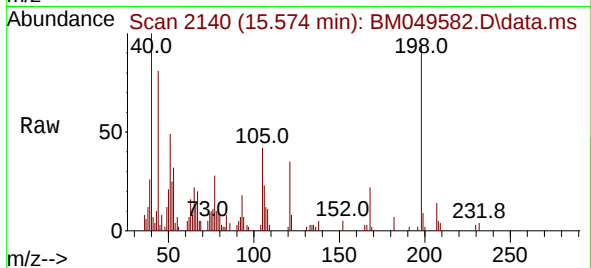
Tgt Ion:198 Resp: 11024

Ion Ratio Lower Upper

198 100

51 51.8 26.9 66.9

105 44.2 22.8 62.8



#66

n-Nitrosodiphenylamine

Concen: 9.053 ng

RT: 15.721 min Scan# 2165

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

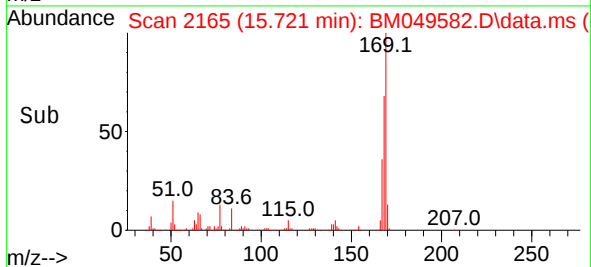
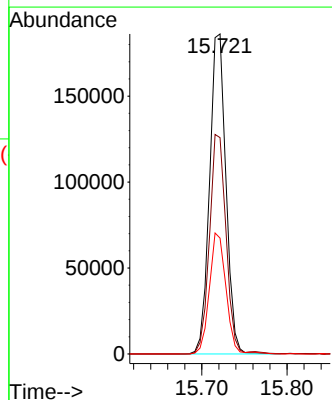
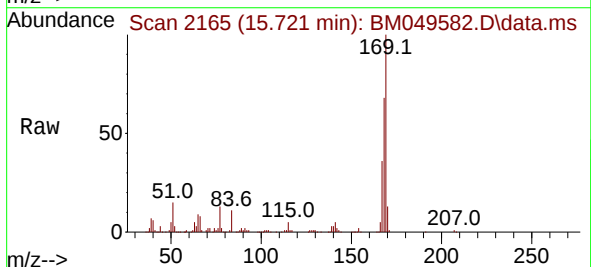
Tgt Ion:169 Resp: 249152

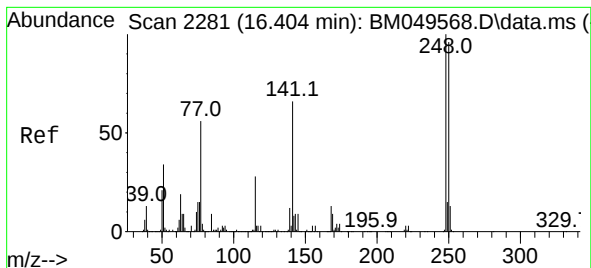
Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.4

167 36.2 29.5 44.3

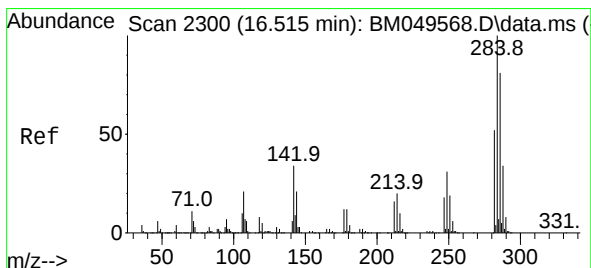
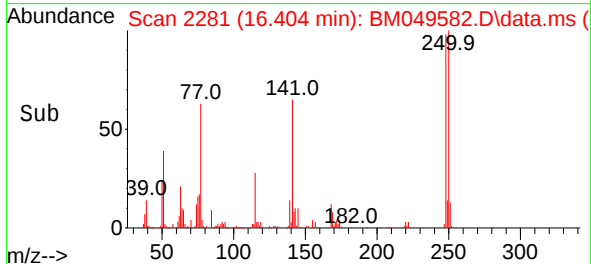
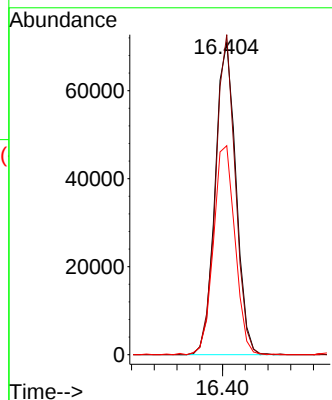
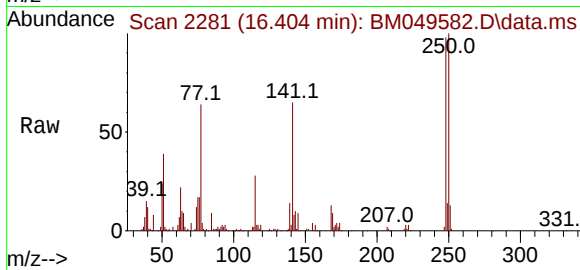




#67
4-Bromophenyl-phenylether
Concen: 8.881 ng
RT: 16.404 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

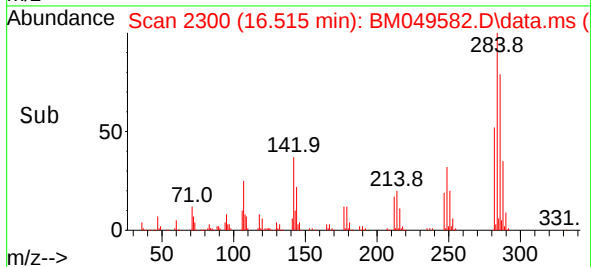
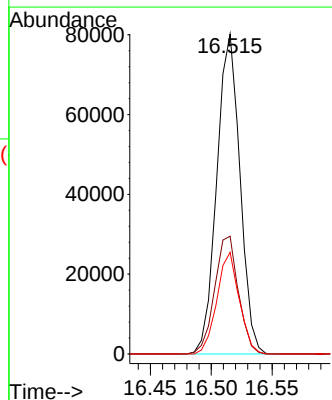
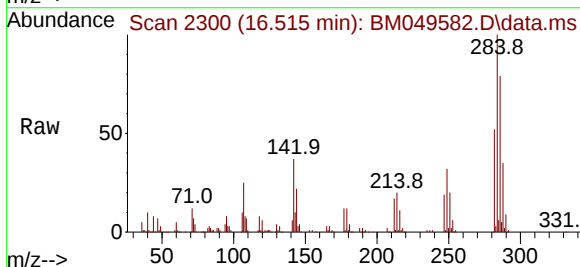
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

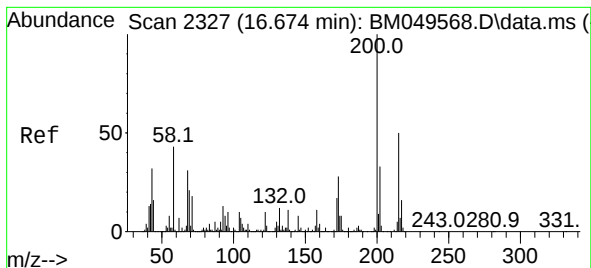
Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.5	77.0	115.4
141	67.0	53.0	79.4



#68
Hexachlorobenzene
Concen: 9.119 ng
RT: 16.515 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	27.1	40.7
249	31.8	24.6	36.8





#69

Atrazine

Concen: 8.864 ng

RT: 16.668 min Scan# 2326

Delta R.T. -0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

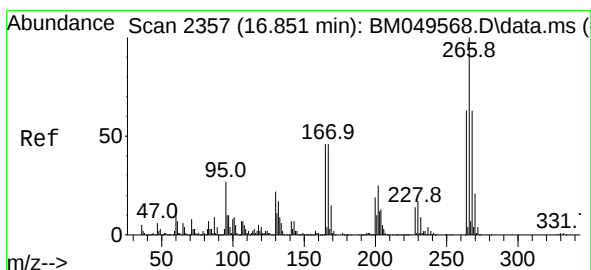
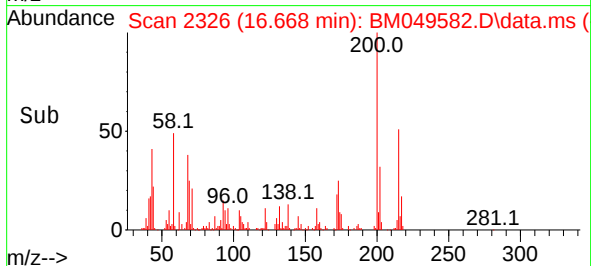
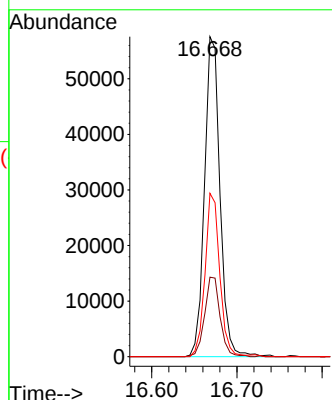
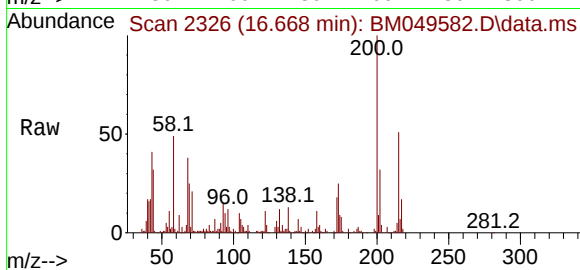
Tgt Ion:200 Resp: 72516

Ion Ratio Lower Upper

200 100

173 24.9 7.6 47.6

215 51.1 30.2 70.2



#70

Pentachlorophenol

Concen: 11.254 ng

RT: 16.857 min Scan# 2358

Delta R.T. 0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

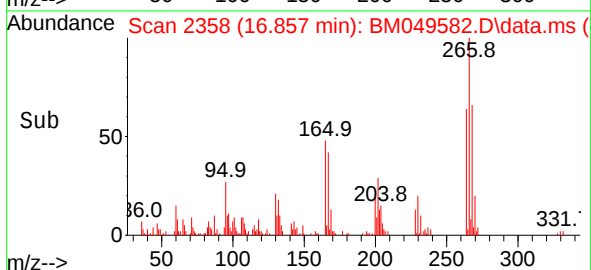
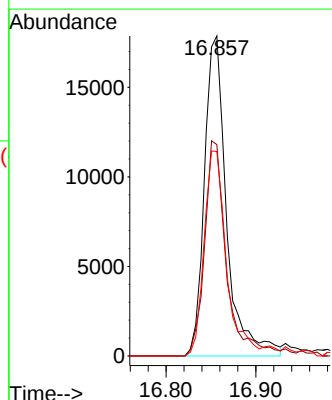
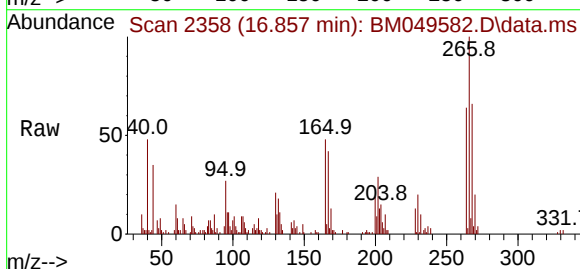
Tgt Ion:266 Resp: 30775

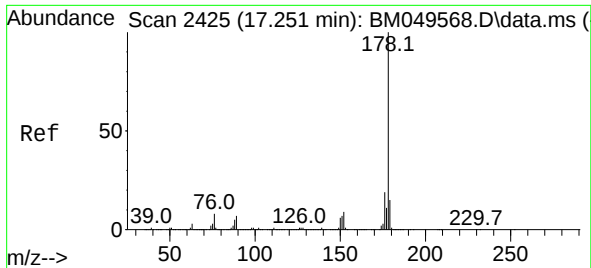
Ion Ratio Lower Upper

266 100

268 66.1 50.8 76.2

264 63.9 50.0 75.0

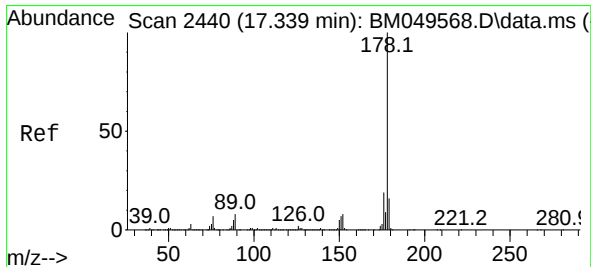
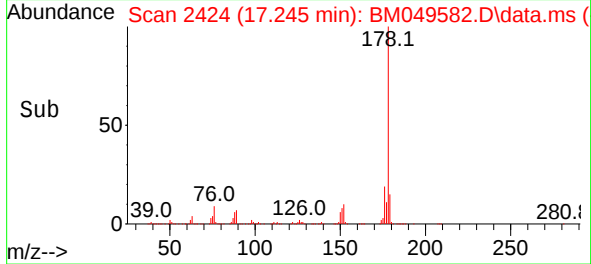
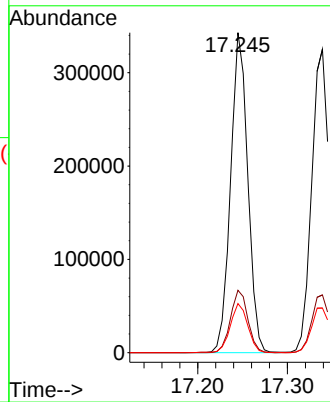
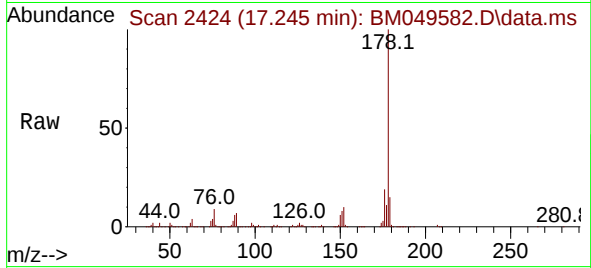




#71
Phenanthrene
Concen: 9.164 ng
RT: 17.245 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

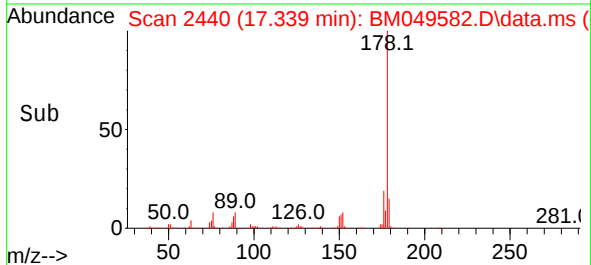
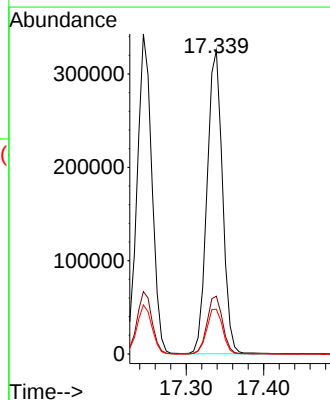
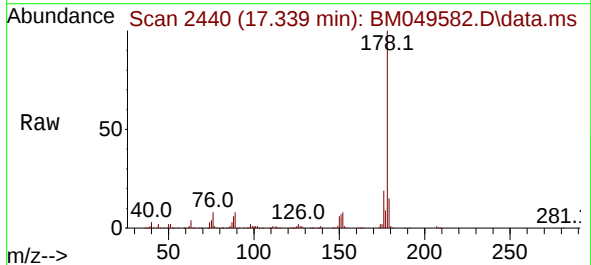
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

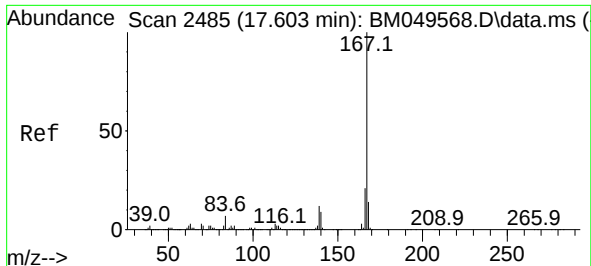
Tgt Ion:178 Resp: 455635
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.3 12.2 18.2



#72
Anthracene
Concen: 9.120 ng
RT: 17.339 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:178 Resp: 448976
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 14.7 12.4 18.6

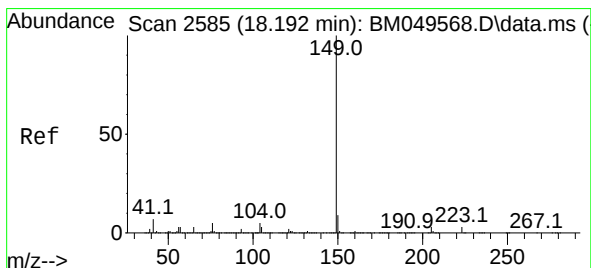
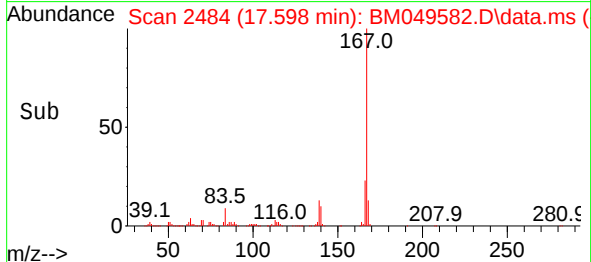
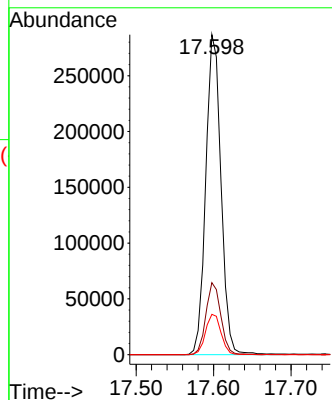
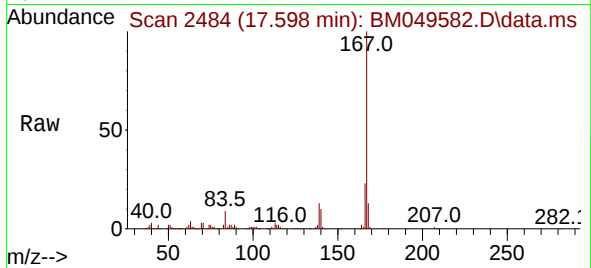




#73
 Carbazole
 Concen: 9.062 ng
 RT: 17.598 min Scan# 2484
 Delta R.T. -0.006 min
 Lab File: BM049582.D
 Acq: 06 Feb 2025 16:24

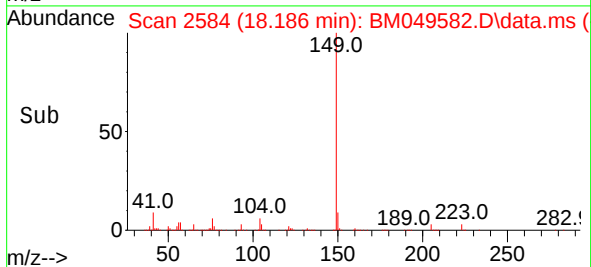
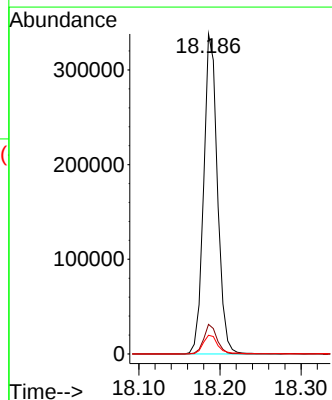
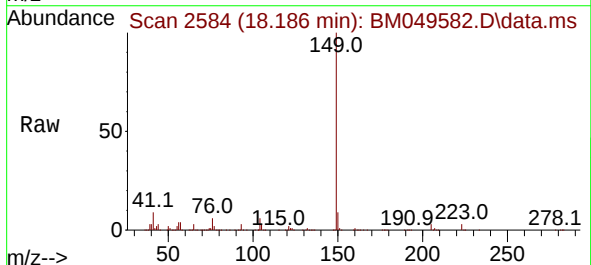
Instrument : BNA_M
 ClientSampleId : LOQ-WATER-02-QT1-2025

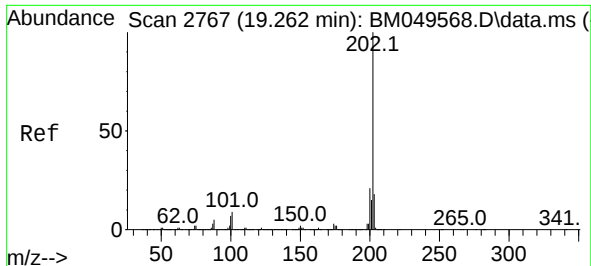
Tgt Ion:167 Resp: 391546
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.2 25.8
 139 12.6 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 7.240 ng
 RT: 18.186 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BM049582.D
 Acq: 06 Feb 2025 16:24

Tgt Ion:149 Resp: 396917
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.9 4.1 6.1

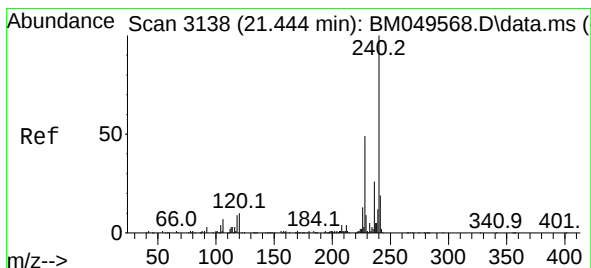
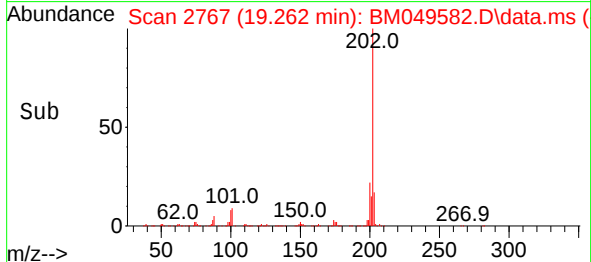
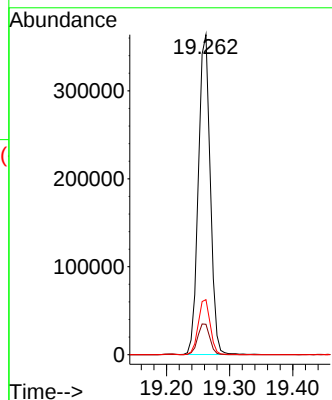
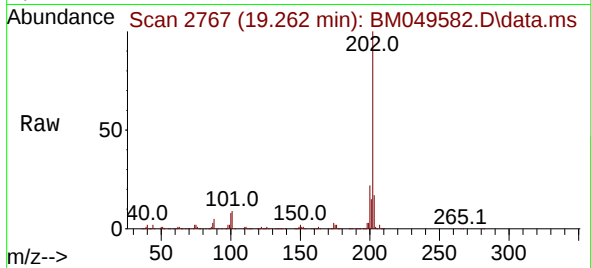




#75
Fluoranthene
Concen: 8.146 ng
RT: 19.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

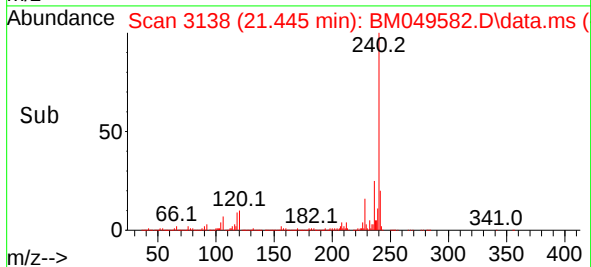
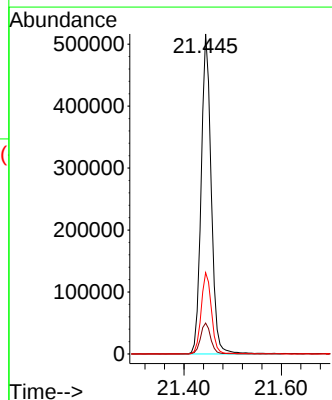
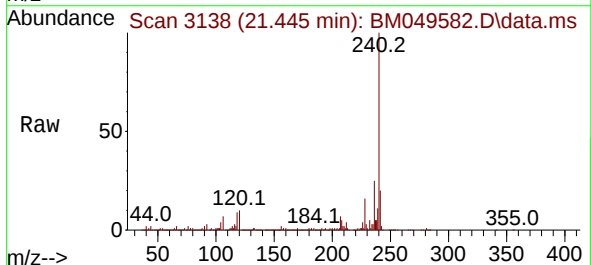
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

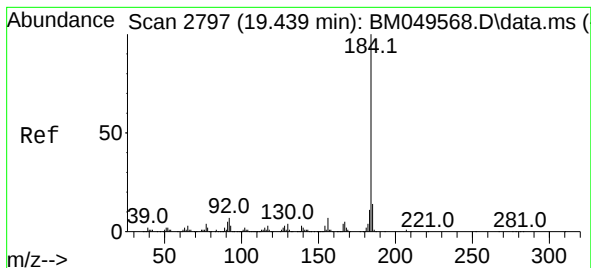
Tgt Ion:202 Resp: 474155
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.1
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:240 Resp: 741415
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.8
236 25.4 20.6 31.0





#77

Benzidine

Concen: 11.805 ng

RT: 19.445 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

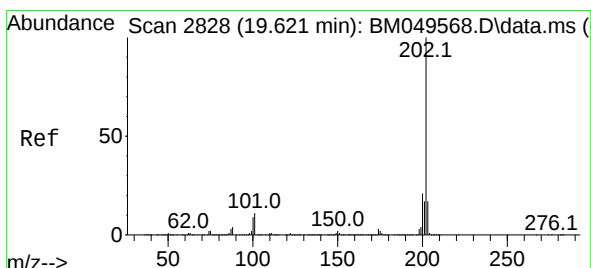
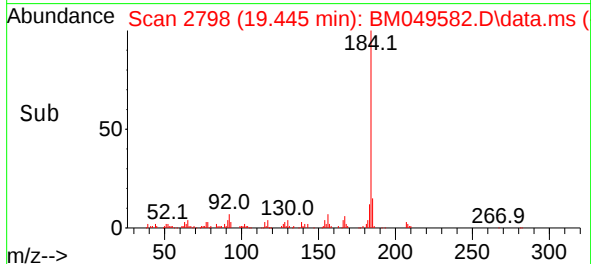
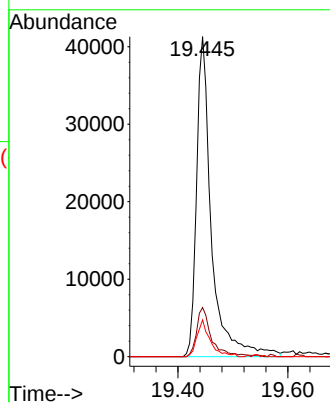
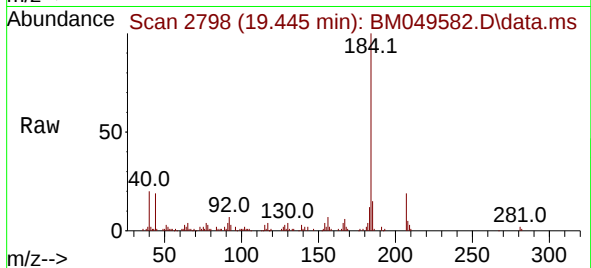
Tgt Ion:184 Resp: 77508

Ion Ratio Lower Upper

184 100

185 15.3 11.6 17.4

183 11.5 8.9 13.3



#78

Pyrene

Concen: 9.048 ng

RT: 19.621 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

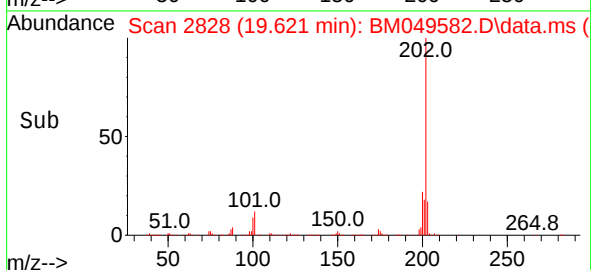
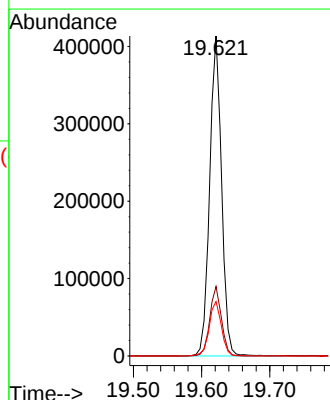
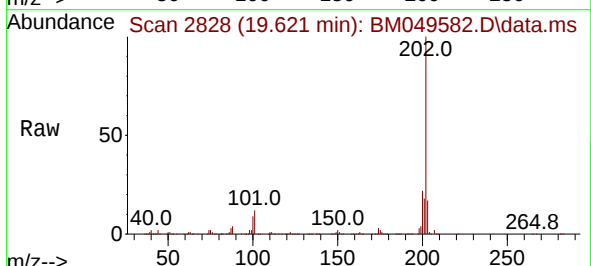
Tgt Ion:202 Resp: 502305

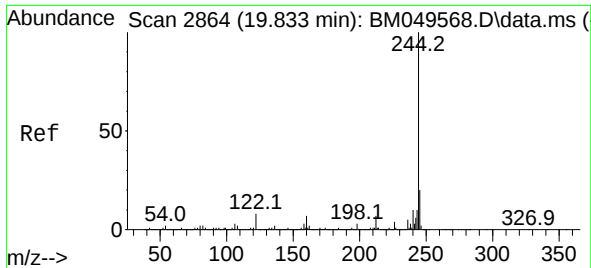
Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

203 17.0 13.8 20.8

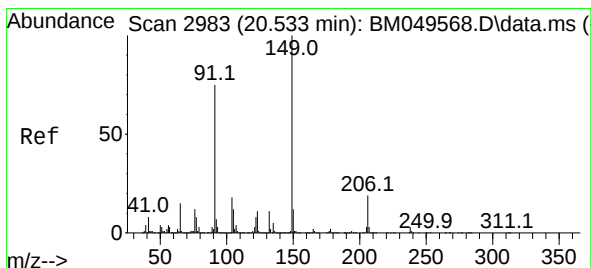
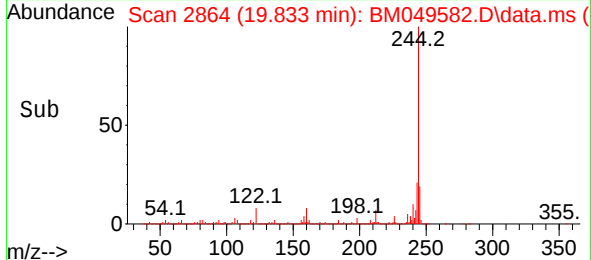
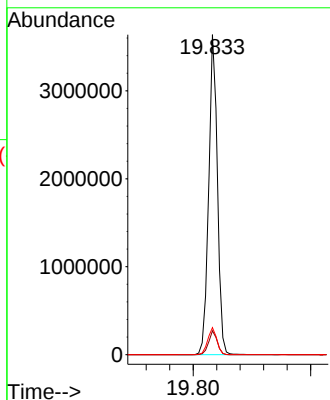
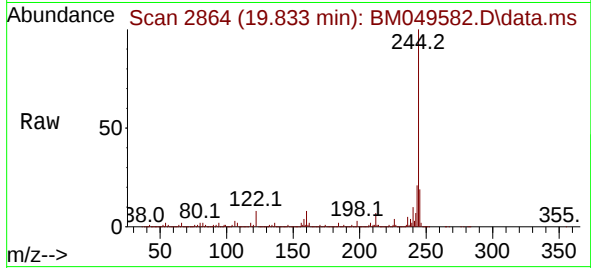




#79
 Terphenyl-d14
 Concen: 76.646 ng
 RT: 19.833 min Scan# 2864
 Delta R.T. 0.000 min
 Lab File: BM049582.D
 Acq: 06 Feb 2025 16:24

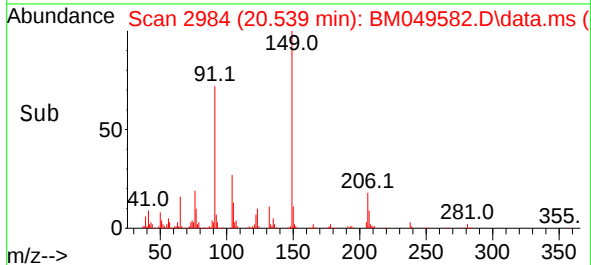
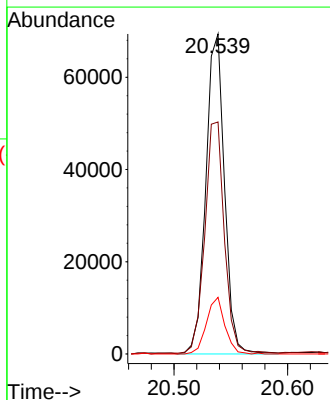
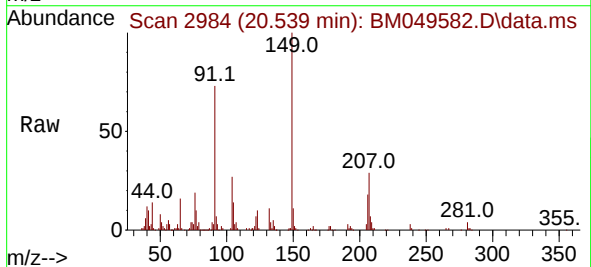
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

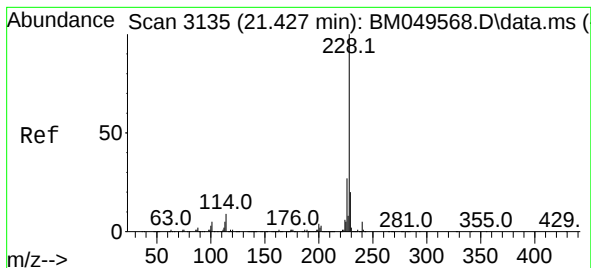
Tgt Ion:244 Resp: 3721358
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 8.5 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 4.588 ng
 RT: 20.539 min Scan# 2984
 Delta R.T. 0.006 min
 Lab File: BM049582.D
 Acq: 06 Feb 2025 16:24

Tgt Ion:149 Resp: 79259
 Ion Ratio Lower Upper
 149 100
 91 72.5 60.2 90.2
 206 17.7 15.4 23.0





#81

Benzo(a)anthracene

Concen: 9.184 ng

RT: 21.427 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

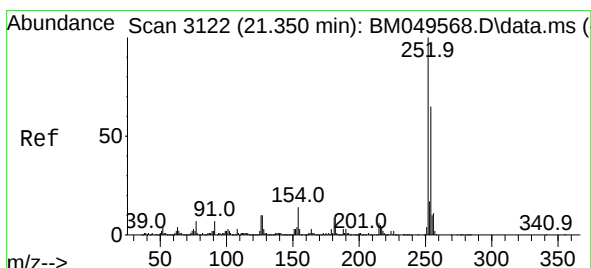
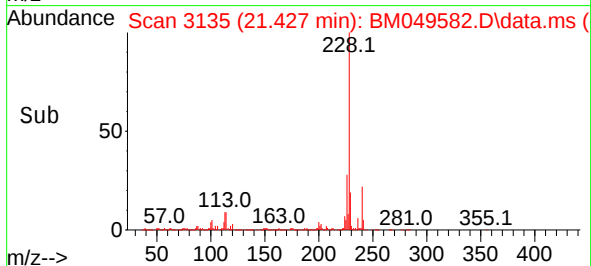
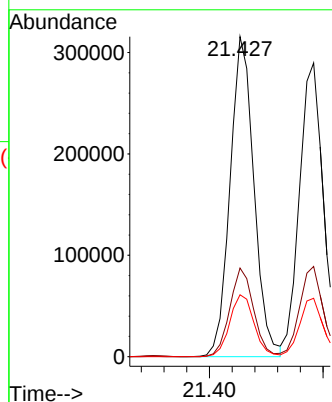
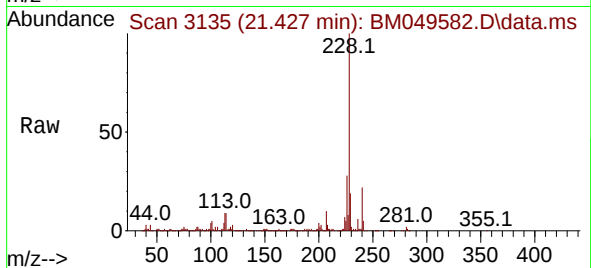
Tgt Ion:228 Resp: 461478

Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 6.868 ng

RT: 21.350 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

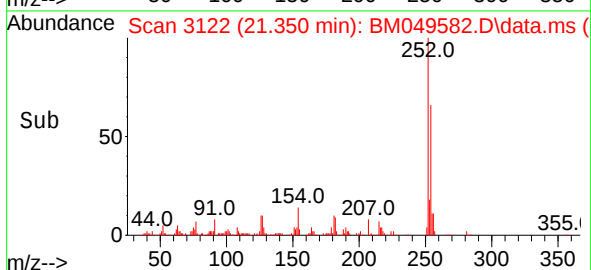
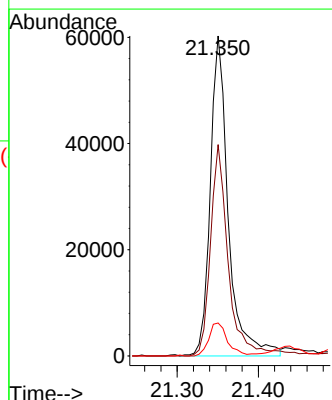
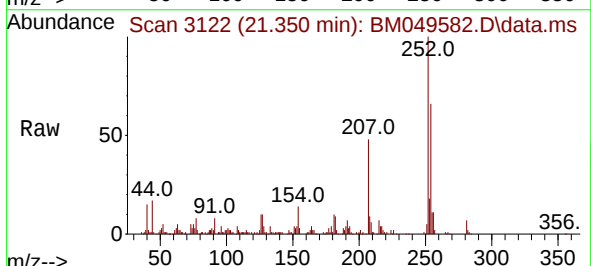
Tgt Ion:252 Resp: 92858

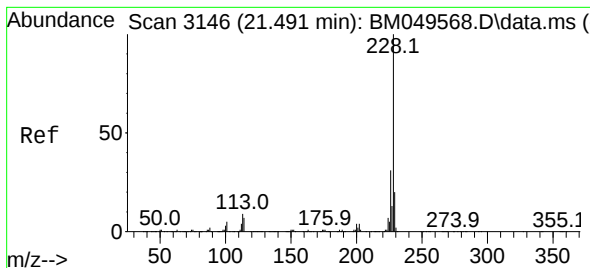
Ion Ratio Lower Upper

252 100

254 66.0 52.1 78.1

126 10.3 7.8 11.6





#83

Chrysene

Concen: 9.088 ng

RT: 21.492 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

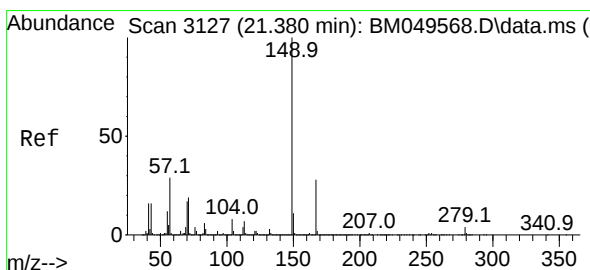
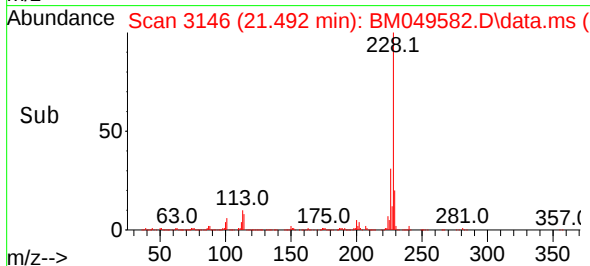
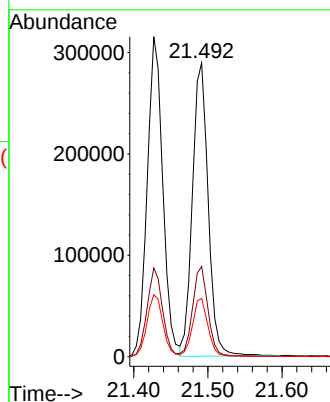
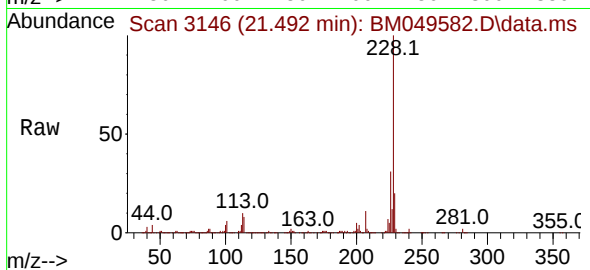
Tgt Ion:228 Resp: 427830

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.509 ng

RT: 21.386 min Scan# 3128

Delta R.T. 0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

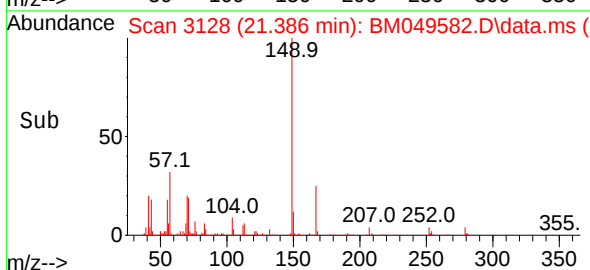
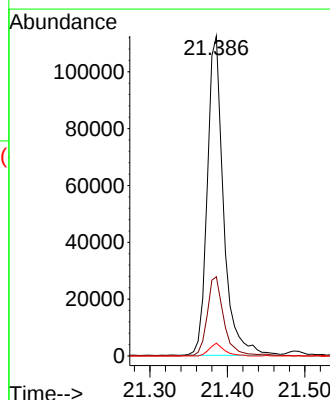
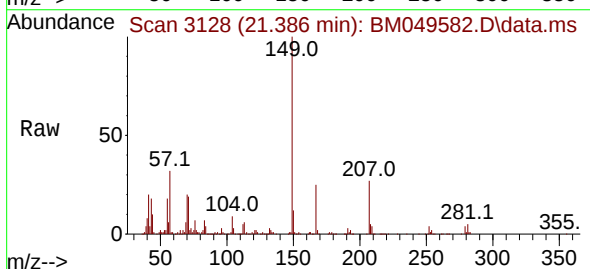
Tgt Ion:149 Resp: 163146

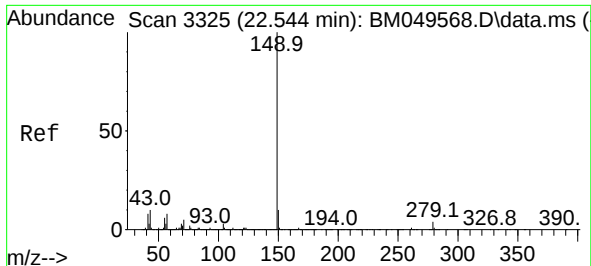
Ion Ratio Lower Upper

149 100

167 24.7 22.1 33.1

279 4.0 3.0 4.4

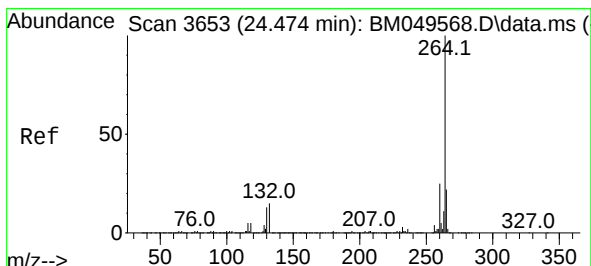
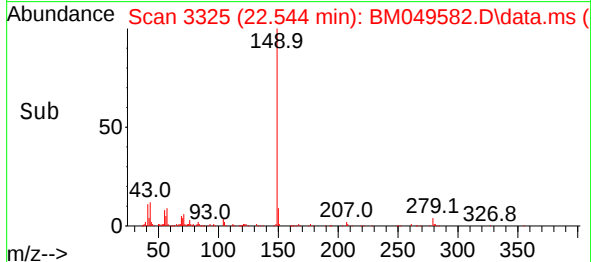
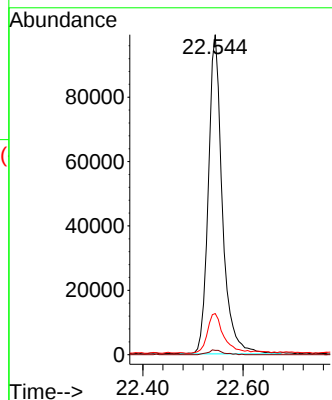
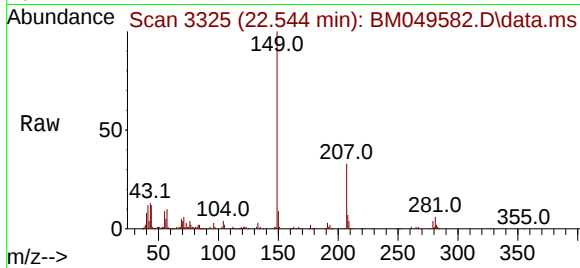




#85
Di-n-octyl phthalate
Concen: 4.108 ng
RT: 22.544 min Scan# 3325
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

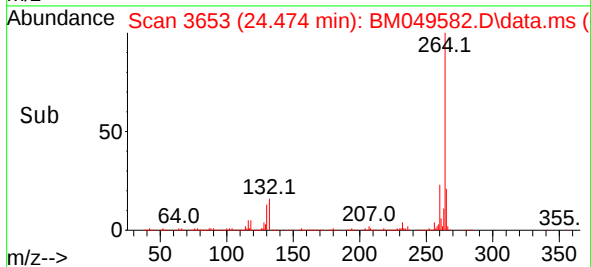
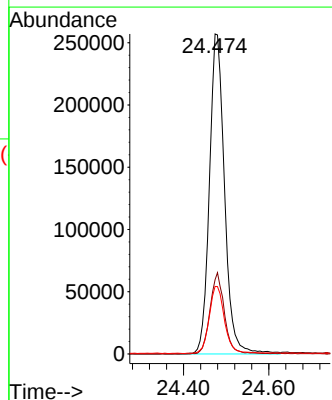
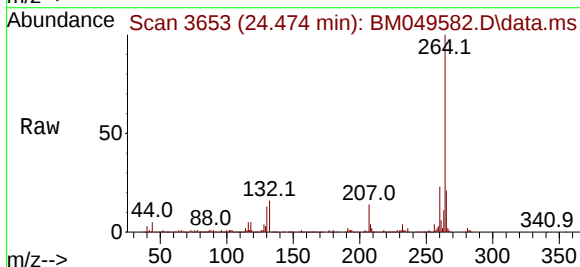
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

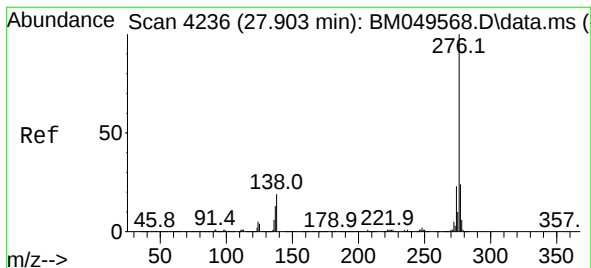
Tgt Ion:149 Resp: 191934
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 15.1 8.5 12.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3653
Delta R.T. 0.000 min
Lab File: BM049582.D
Acq: 06 Feb 2025 16:24

Tgt Ion:264 Resp: 635274
Ion Ratio Lower Upper
264 100
260 23.2 19.8 29.6
265 21.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.830 ng

RT: 27.903 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

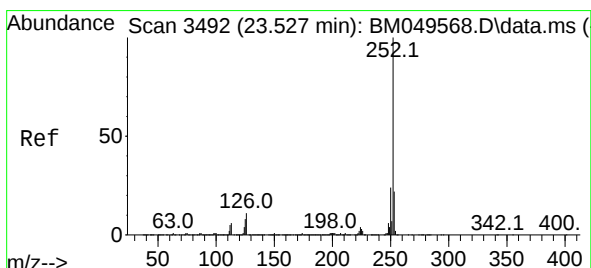
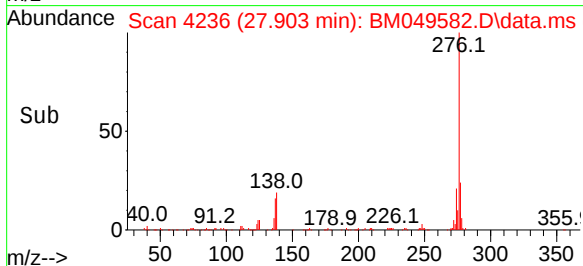
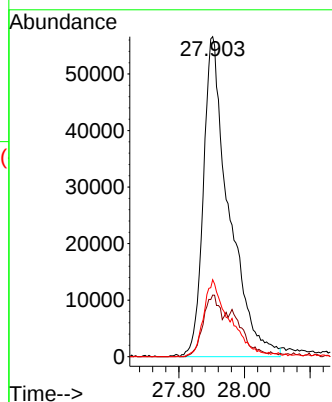
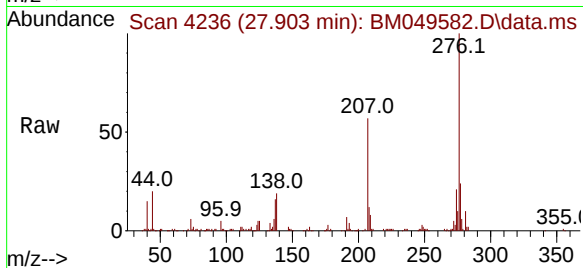
Tgt Ion:276 Resp: 306330

Ion Ratio Lower Upper

276 100

138 13.7 13.1 19.7

277 24.5 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 8.235 ng

RT: 23.521 min Scan# 3491

Delta R.T. -0.006 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

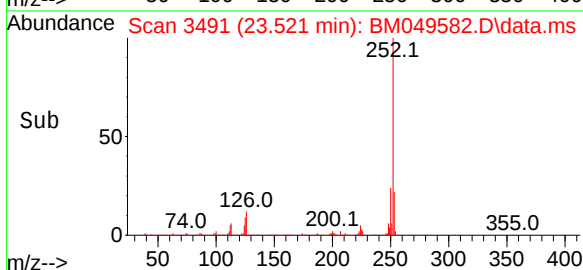
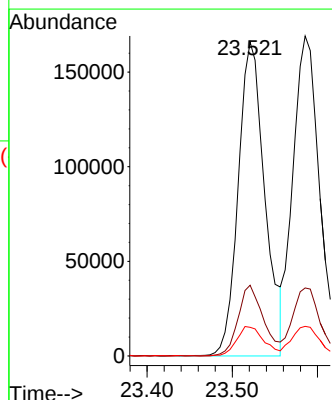
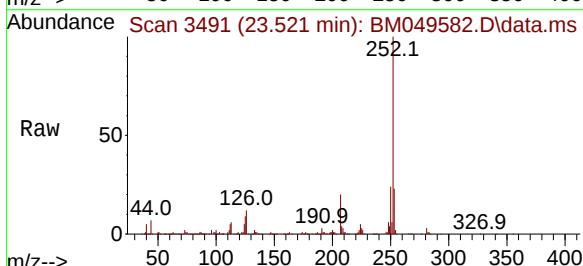
Tgt Ion:252 Resp: 359876

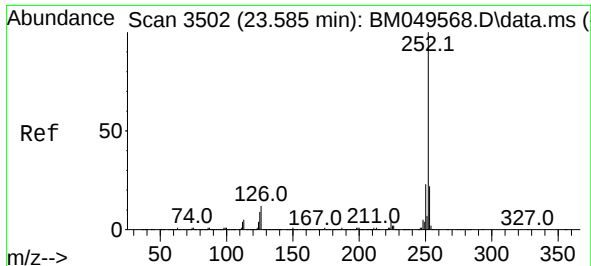
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 9.1 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 8.786 ng

RT: 23.586 min Scan# 3502

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

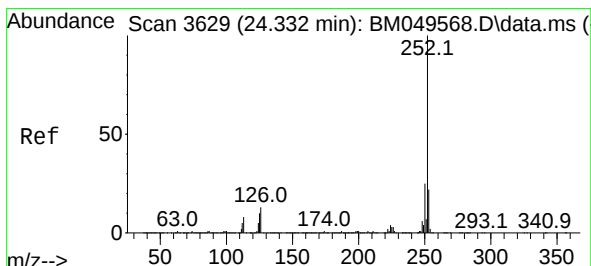
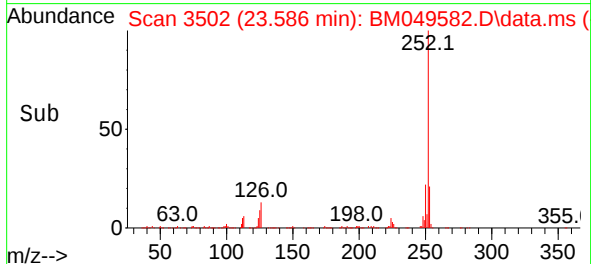
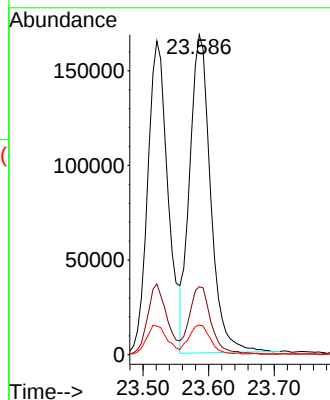
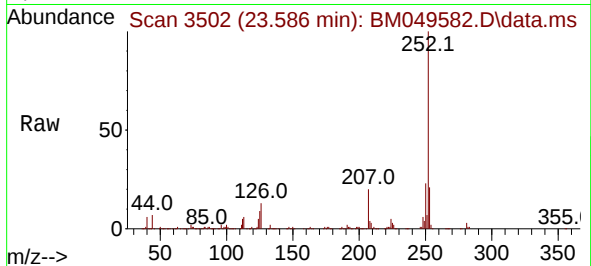
Tgt Ion:252 Resp: 372926

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 9.3 7.0 10.6



#90

Benzo(a)pyrene

Concen: 8.761 ng

RT: 24.333 min Scan# 3629

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

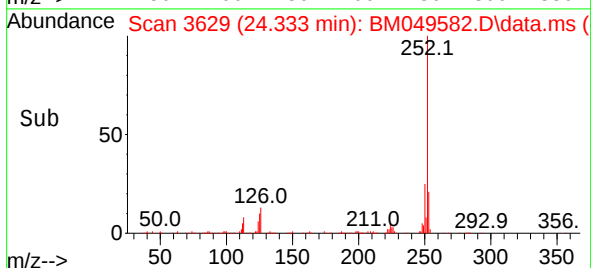
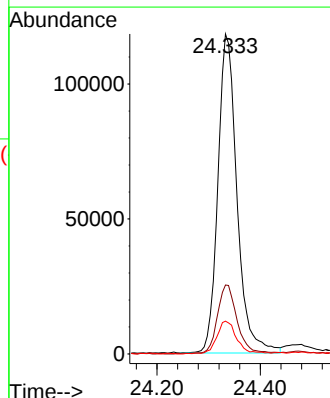
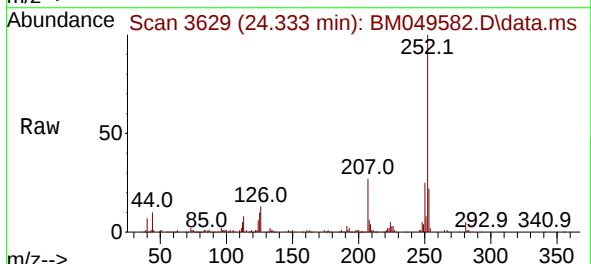
Tgt Ion:252 Resp: 303425

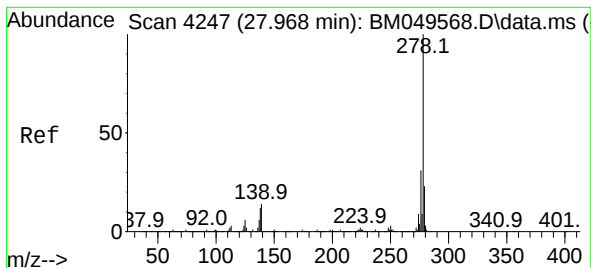
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 10.3 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 8.536 ng

RT: 27.968 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT1-2025

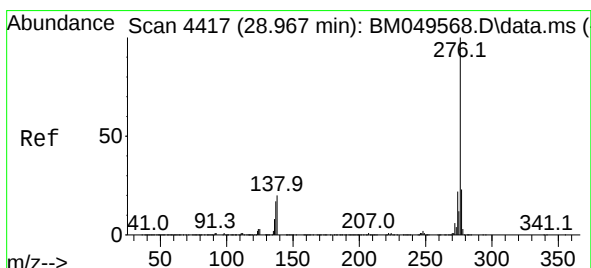
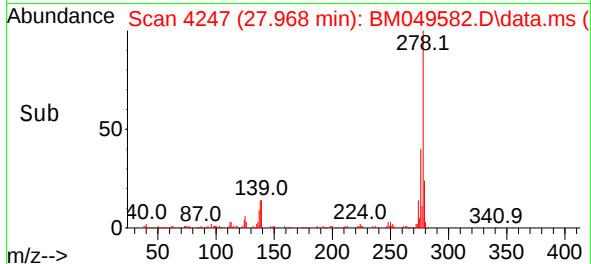
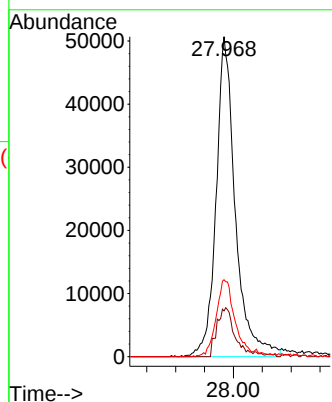
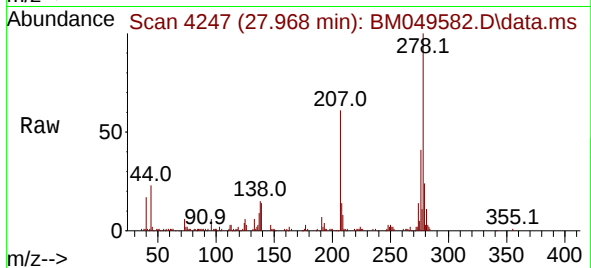
Tgt Ion:278 Resp: 234052

Ion Ratio Lower Upper

278 100

139 14.3 11.5 17.3

279 24.1 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 7.957 ng

RT: 28.956 min Scan# 4415

Delta R.T. -0.012 min

Lab File: BM049582.D

Acq: 06 Feb 2025 16:24

Tgt Ion:276 Resp: 243737

Ion Ratio Lower Upper

276 100

277 22.6 18.7 28.1

138 20.2 16.0 24.0

