

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
 Data File : BM047594.D
 Acq On : 20 Sep 2024 18:20
 Operator : RC/JU
 Sample : P2403-09
 Misc : MDL-MDL-WATER 8 ppm
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Sep 21 03:26:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 21 02:22:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	288688	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1207532	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	647684	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1196884	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1040049	20.000	ng	0.00
86) Perylene-d12	24.456	264	1116061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2195077	116.522	ng	0.00
7) Phenol-d6	7.004	99	2856939	115.097	ng	0.00
23) Nitrobenzene-d5	8.998	82	1868510	77.029	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	643775	107.343	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3464250	75.682	ng	0.00
79) Terphenyl-d14	19.827	244	4128979	71.232	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	62154	7.578	ng	98
3) Pyridine	3.716	79	147016	6.466	ng	98
4) n-Nitrosodimethylamine	3.622	42	67615	7.172	ng	# 99
6) Aniline	7.169	93	183210	8.616	ng	100
8) 2-Chlorophenol	7.410	128	144262	7.315	ng	98
9) Benzaldehyde	6.981	77	136757	10.797	ng	98
10) Phenol	7.028	94	181085	7.347	ng	94
11) bis(2-Chloroethyl)ether	7.263	93	143081	7.223	ng	97
12) 1,3-Dichlorobenzene	7.734	146	153192	7.024	ng	98
13) 1,4-Dichlorobenzene	7.881	146	154800	7.015	ng	97
14) 1,2-Dichlorobenzene	8.198	146	148506	6.981	ng	95
15) Benzyl Alcohol	8.075	79	110140	6.877	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.363	45	197773	7.832	ng	100
17) 2-Methylphenol	8.281	107	103517	6.683	ng	97
18) Hexachloroethane	8.928	117	63629	7.110	ng	93
19) n-Nitroso-di-n-propyla...	8.645	70	103931	6.836	ng	98
20) 3+4-Methylphenols	8.604	107	141447	6.704	ng	98
22) Acetophenone	8.663	105	213552	6.788	ng	# 98
24) Nitrobenzene	9.039	77	169758	6.776	ng	99
25) Isophorone	9.569	82	260880	6.435	ng	97
26) 2-Nitrophenol	9.751	139	47083	5.345	ng	97
27) 2,4-Dimethylphenol	9.810	122	85201	6.785	ng	98
28) bis(2-Chloroethoxy)met...	10.045	93	172646	6.620	ng	100
29) 2,4-Dichlorophenol	10.281	162	96395	6.073	ng	99
30) 1,2,4-Trichlorobenzene	10.498	180	115922	6.407	ng	97
31) Naphthalene	10.692	128	411172	6.436	ng	100
32) Benzoic acid	9.869	122	46467	3.970	ng	98
33) 4-Chloroaniline	10.792	127	154465	6.858	ng	99
34) Hexachlorobutadiene	10.986	225	60575	6.152	ng	96
35) Caprolactam	11.545	113	27901	5.085	ng	88
36) 4-Chloro-3-methylphenol	11.910	107	102863	5.680	ng	99
37) 2-Methylnaphthalene	12.298	142	246809	6.149	ng	98
38) 1-Methylnaphthalene	12.298	142	246809	6.199	ng	93
40) 1,2,4,5-Tetrachloroben...	12.669	216	110587	6.470	ng	99
41) Hexachlorocyclopentadiene	12.657	237	41629	7.377	ng	94
43) 2,4,6-Trichlorophenol	12.904	196	62298	5.608	ng	100

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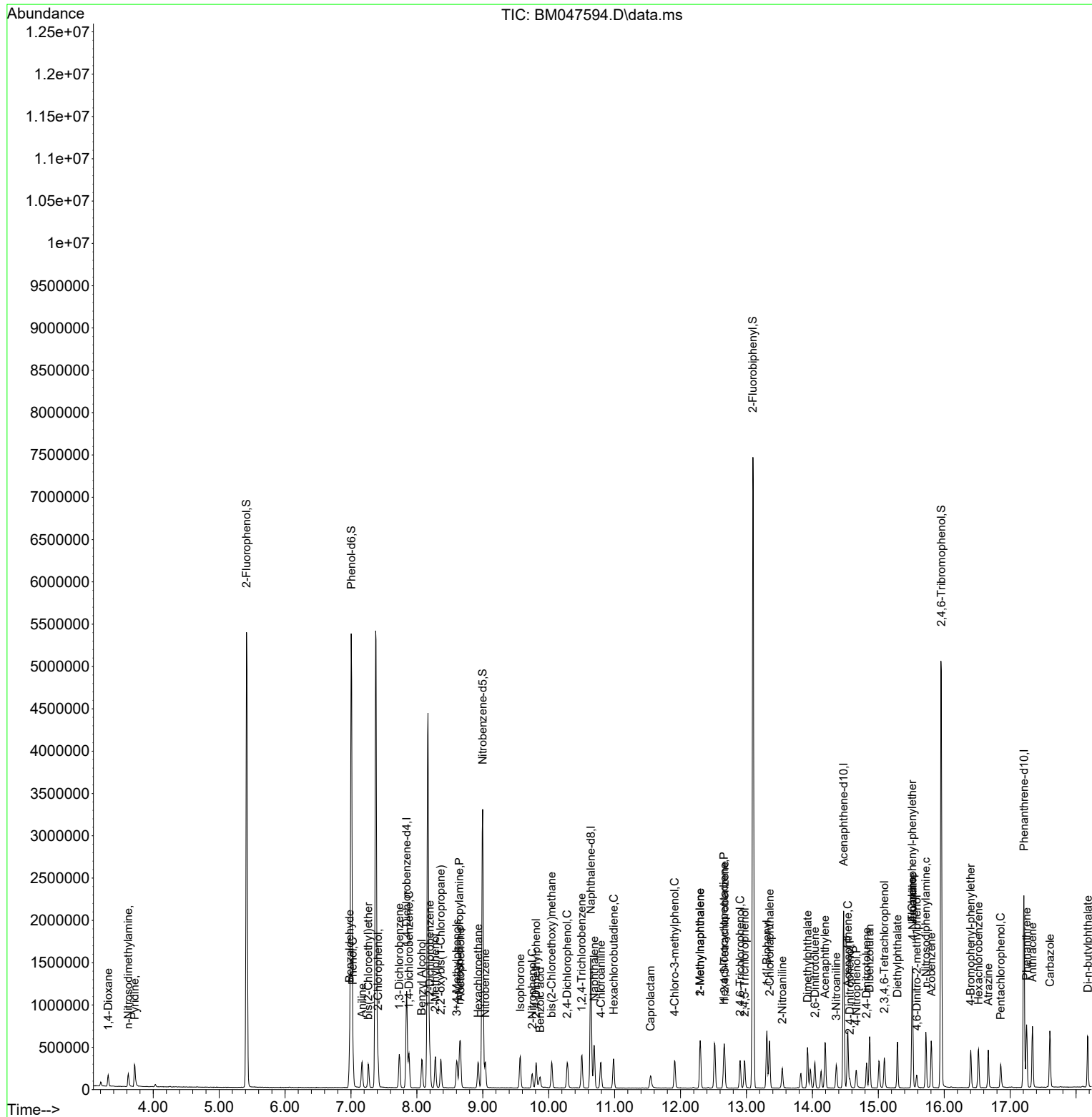
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	69329	5.553	ng	98
46) 1,1'-Biphenyl	13.310	154	332151	6.640	ng	98
47) 2-Chloronaphthalene	13.351	162	246067	6.287	ng	99
48) 2-Nitroaniline	13.545	65	61178	5.234	ng	96
49) Acenaphthylene	14.192	152	374959	6.657	ng	98
50) Dimethylphthalate	13.927	163	275447	6.159	ng	99
51) 2,6-Dinitrotoluene	14.039	165	49534	5.287	ng	94
52) Acenaphthene	14.539	154	229749	6.175	ng	97
53) 3-Nitroaniline	14.363	138	58035	5.401	ng #	90
54) 2,4-Dinitrophenol	14.568	184	15673	3.690	ng	91
55) Dibenzofuran	14.868	168	347666	6.394	ng	100
56) 4-Nitrophenol	14.668	139	46103	5.007	ng	95
57) 2,4-Dinitrotoluene	14.821	165	60058	4.811	ng	92
58) Fluorene	15.515	166	275710	5.729	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	53685	5.625	ng	96
60) Diethylphthalate	15.292	149	281678	5.908	ng	98
61) 4-Chlorophenyl-phenyle...	15.515	204	119791	5.697	ng	98
62) 4-Nitroaniline	15.521	138	58079	4.797	ng	95
63) Azobenzene	15.804	77	318924	6.119	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	23107	4.074	ng	97
66) n-Nitrosodiphenylamine	15.721	169	219957	6.153	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	65441	6.019	ng	91
68) Hexachlorobenzene	16.521	284	76021	5.981	ng	99
69) Atrazine	16.668	200	60294	7.006	ng	96
70) Pentachlorophenol	16.857	266	37693	4.725	ng	98
71) Phenanthrene	17.251	178	406680	6.260	ng	99
72) Anthracene	17.339	178	383150	6.225	ng	99
73) Carbazole	17.604	167	373087	5.817	ng	99
74) Di-n-butylphthalate	18.180	149	412858	5.322	ng	99
75) Fluoranthene	19.256	202	393476	5.502	ng	97
77) Benzidine	19.439	184	159459	11.258	ng	97
78) Pyrene	19.621	202	421075	5.784	ng	99
80) Butylbenzylphthalate	20.515	149	160495	5.064	ng	94
81) Benzo(a)anthracene	21.415	228	426985	6.244	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	119026	5.604	ng	96
83) Chrysene	21.474	228	413883	6.364	ng	99
84) Bis(2-ethylhexyl)phtha...	21.345	149	254146	5.014	ng	98
85) Di-n-octyl phthalate	22.491	149	374380	4.786	ng	98
87) Indeno(1,2,3-cd)pyrene	27.868	276	476917	6.214	ng #	88
88) Benzo(b)fluoranthene	23.497	252	403381	5.751	ng	97
89) Benzo(k)fluoranthene	23.562	252	409132	5.942	ng	97
90) Benzo(a)pyrene	24.315	252	359390	6.043	ng	99
91) Dibenzo(a,h)anthracene	27.932	278	392317	6.120	ng	99
92) Benzo(g,h,i)perylene	28.926	276	375201	5.840	ng	99

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

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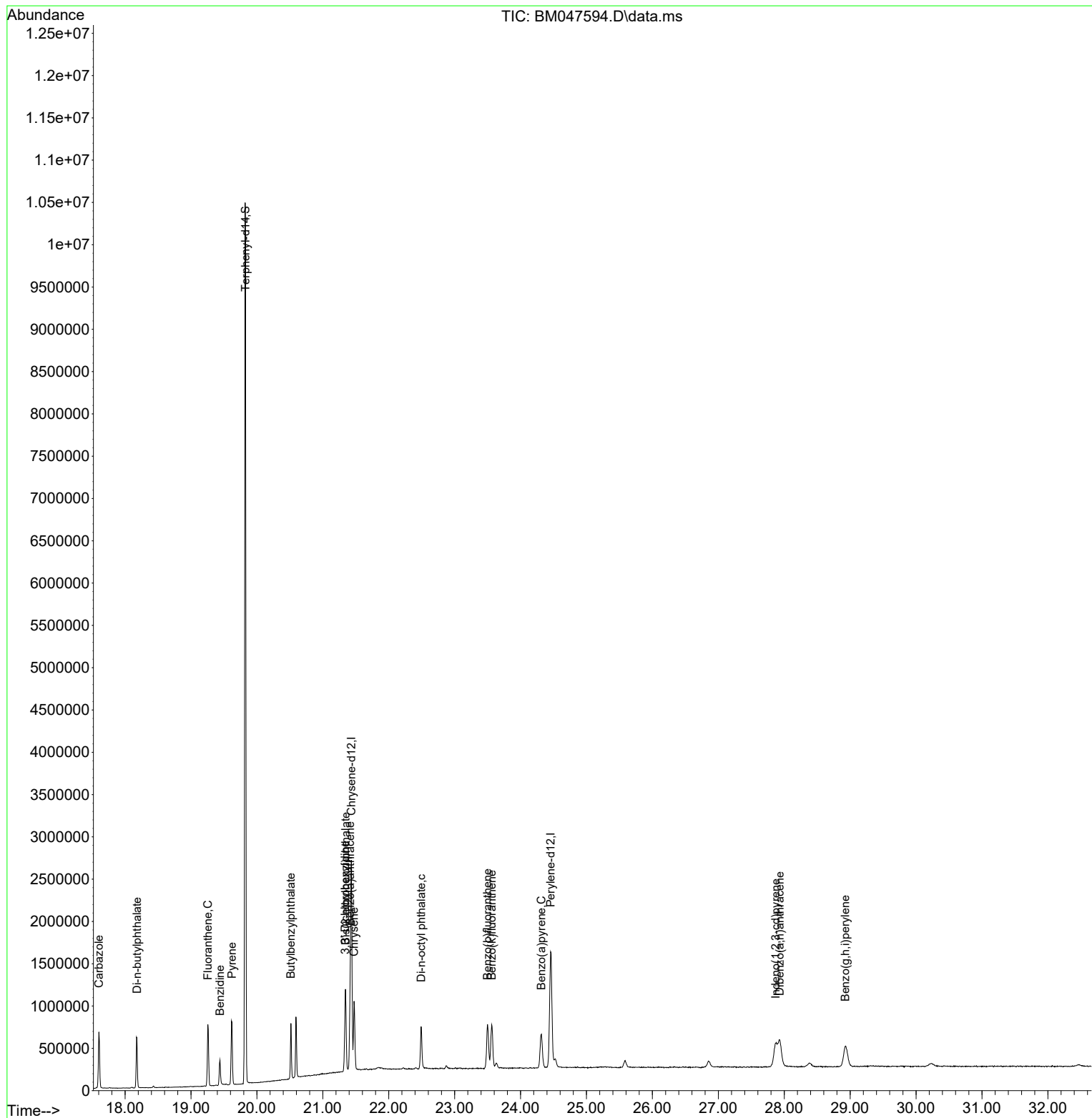
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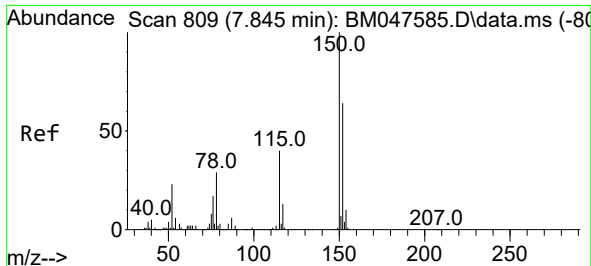


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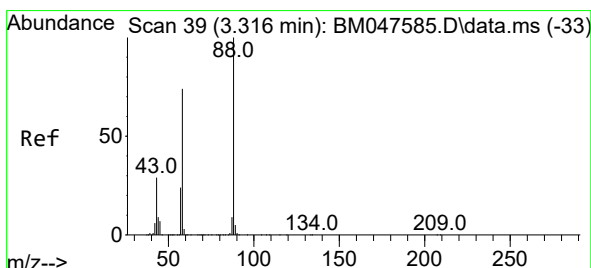
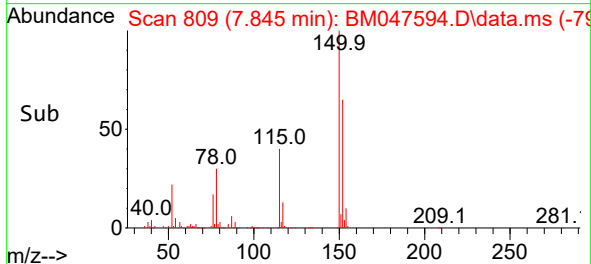
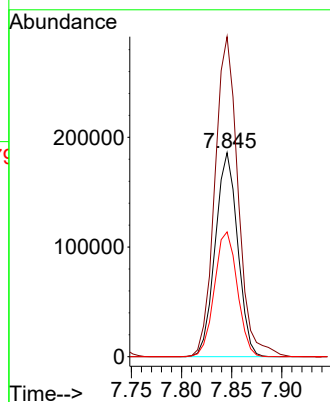
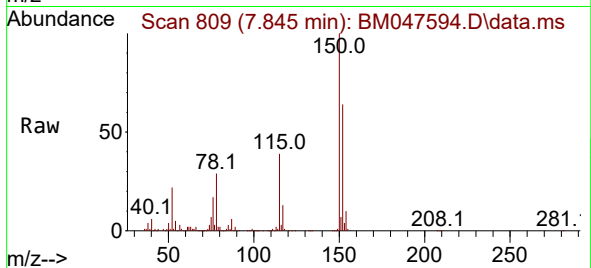




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.845 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BM047594.D
 Acq: 20 Sep 2024 18:20

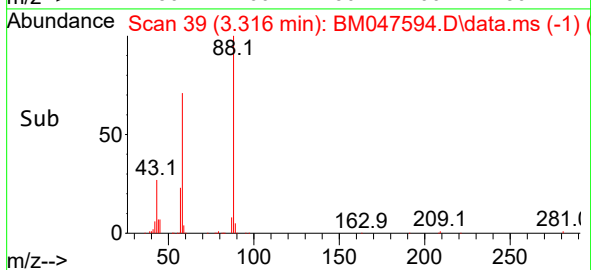
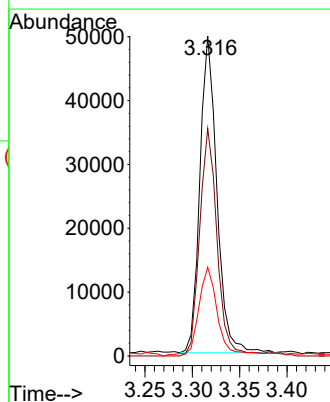
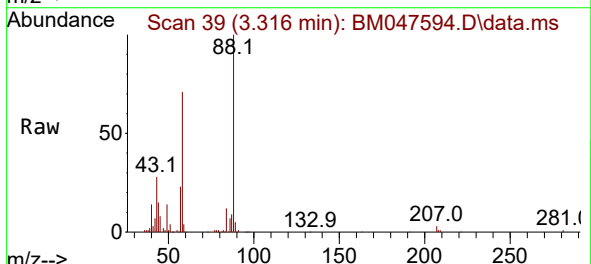
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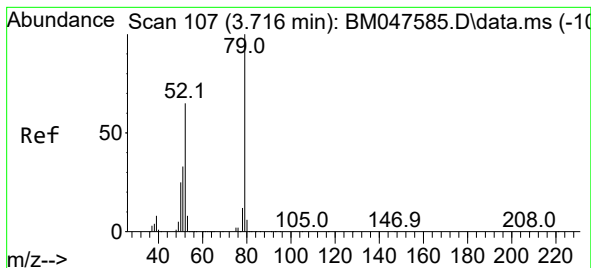
Tgt Ion:152 Resp: 288688
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.5 186.7
 115 61.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 7.578 ng
 RT: 3.316 min Scan# 39
 Delta R.T. 0.000 min
 Lab File: BM047594.D
 Acq: 20 Sep 2024 18:20

Tgt Ion: 88 Resp: 62154
 Ion Ratio Lower Upper
 88 100
 58 73.4 58.0 87.0
 43 32.1 23.1 34.7





#3

Pyridine

Concen: 6.466 ng

RT: 3.716 min Scan# 107

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

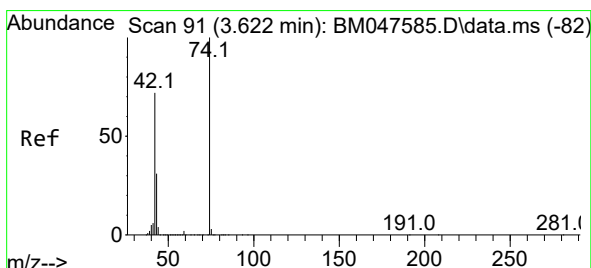
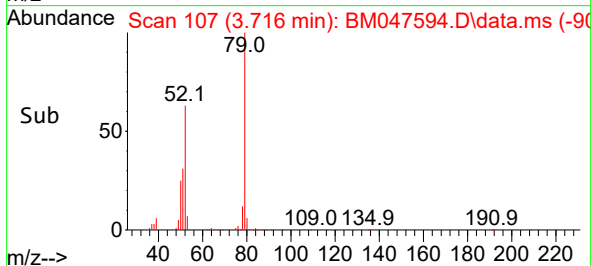
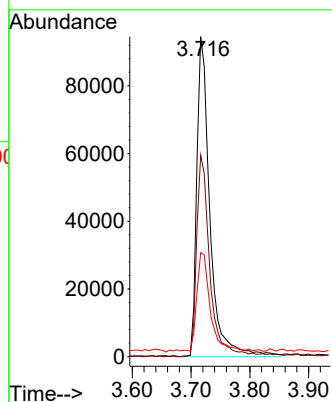
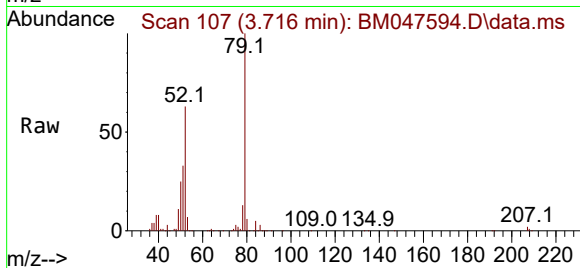
Tgt Ion: 79 Resp: 147016

Ion Ratio Lower Upper

79 100

52 63.0 52.2 78.2

51 32.5 26.5 39.7



#4

n-Nitrosodimethylamine

Concen: 7.172 ng

RT: 3.622 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM047594.D

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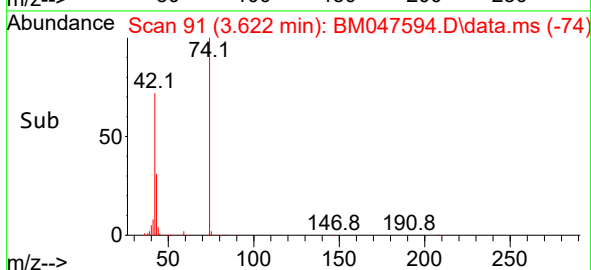
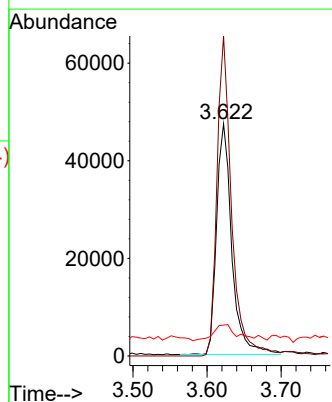
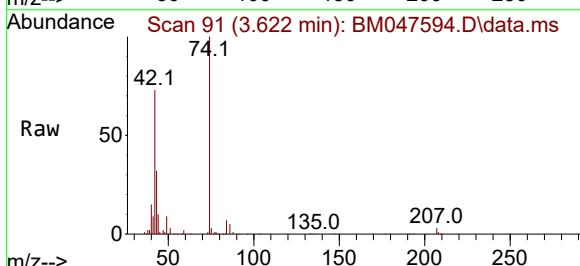
Tgt Ion: 42 Resp: 67615

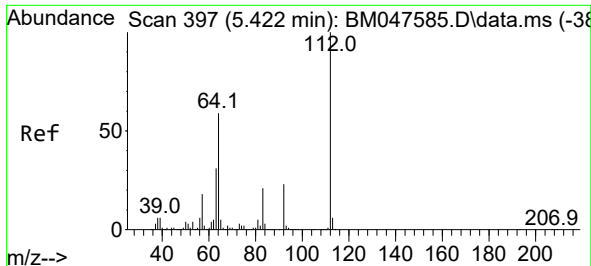
Ion Ratio Lower Upper

42 100

74 137.9 110.8 166.2

44 13.3 6.1 9.1#

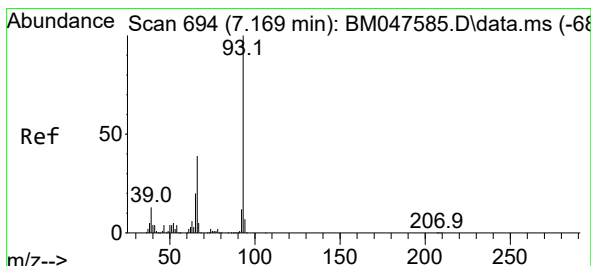
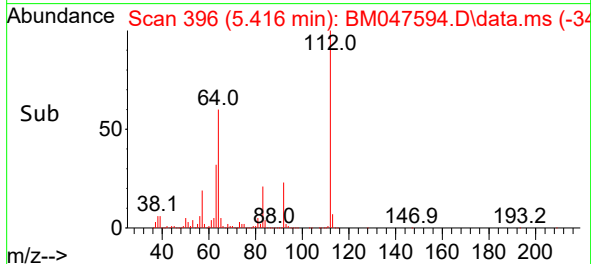
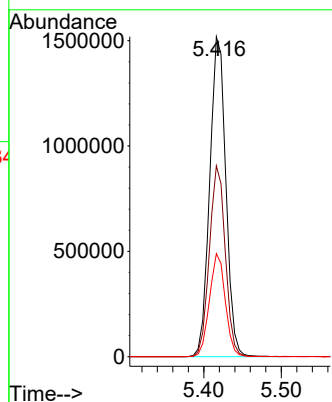
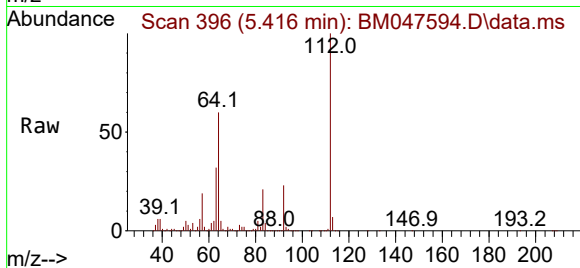




#5
2-Fluorophenol
Concen: 116.522 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

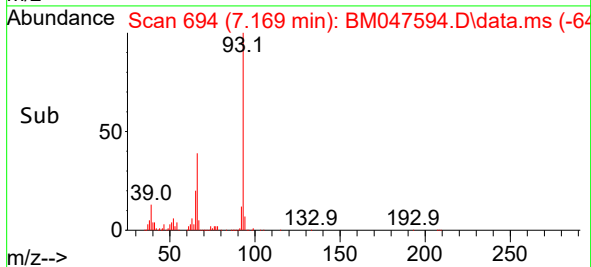
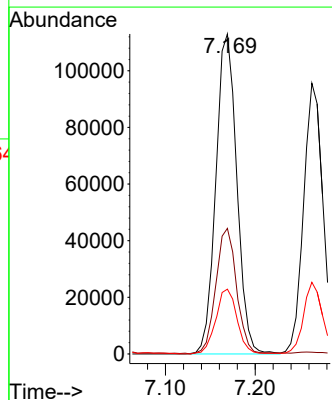
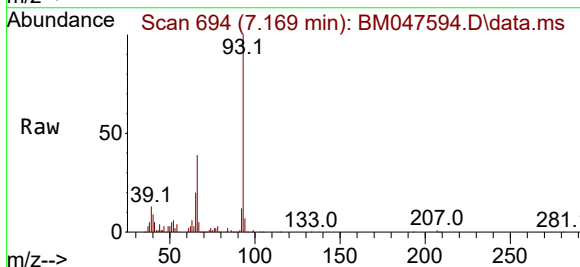
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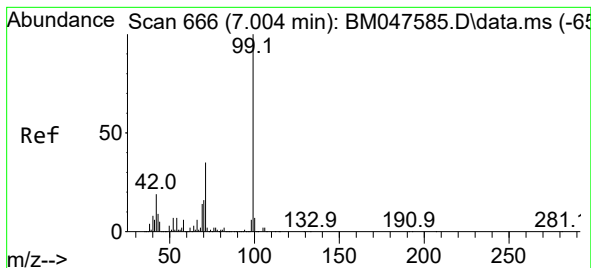
Tgt Ion:112 Resp: 2195077
Ion Ratio Lower Upper
112 100
64 59.6 46.8 70.2
63 32.2 25.2 37.8



#6
Aniline
Concen: 8.616 ng
RT: 7.169 min Scan# 694
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion: 93 Resp: 183210
Ion Ratio Lower Upper
93 100
66 39.3 31.4 47.0
65 20.2 16.2 24.2





#7

Phenol-d6

Concen: 115.097 ng

RT: 7.004 min Scan# 666

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

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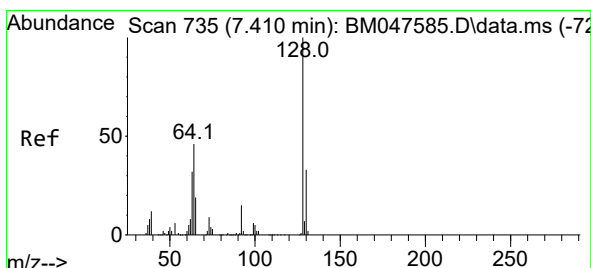
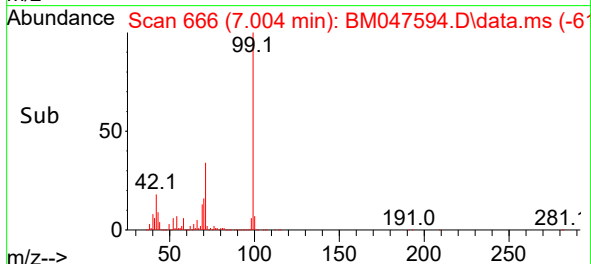
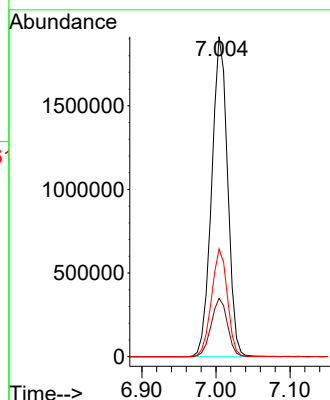
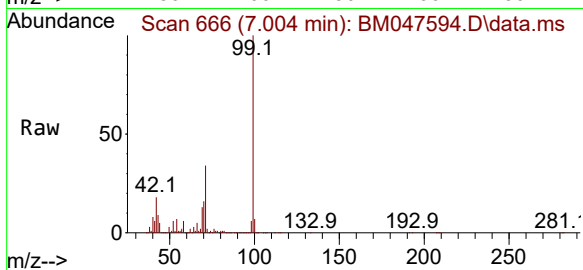
Tgt Ion: 99 Resp: 2856939

Ion Ratio Lower Upper

99 100

42 18.3 15.3 22.9

71 33.7 27.8 41.6



#8

2-Chlorophenol

Concen: 7.315 ng

RT: 7.410 min Scan# 735

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

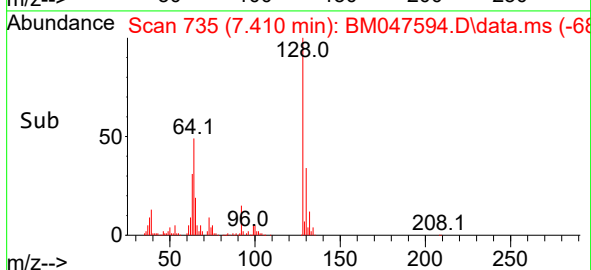
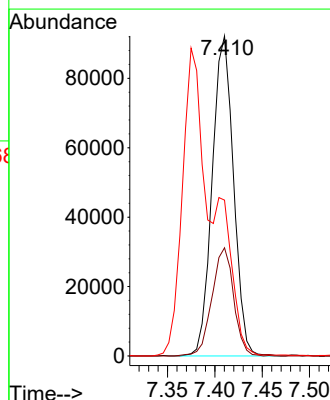
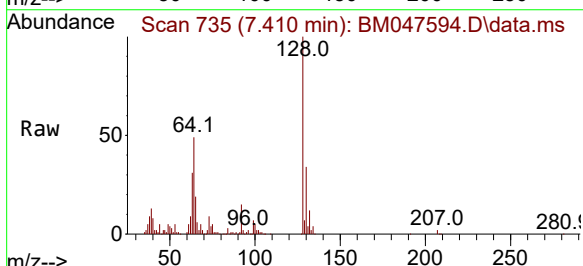
Tgt Ion:128 Resp: 144262

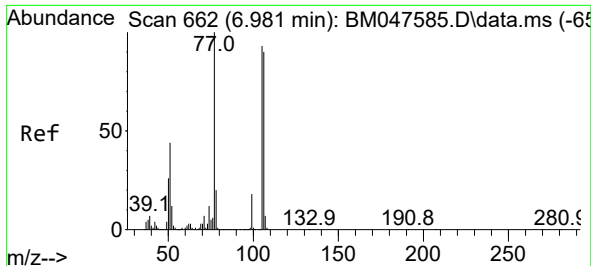
Ion Ratio Lower Upper

128 100

130 33.8 12.6 52.6

64 48.7 27.6 67.6

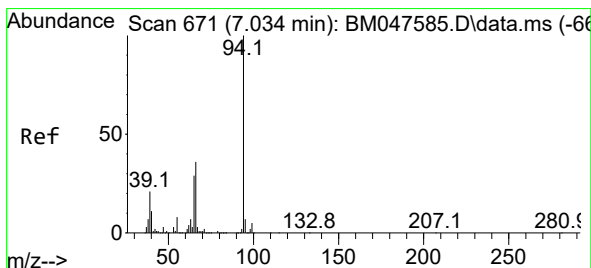
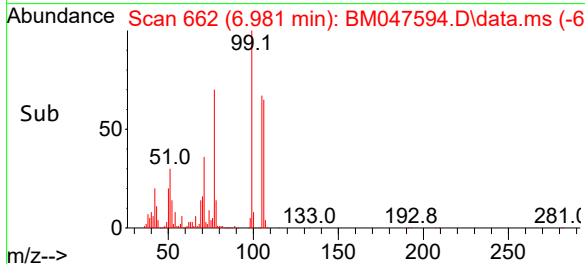
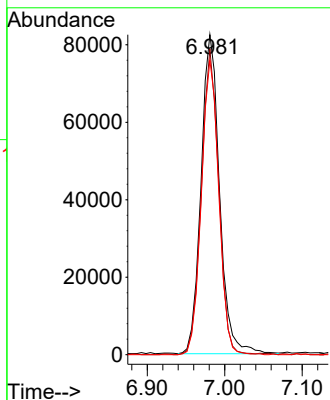
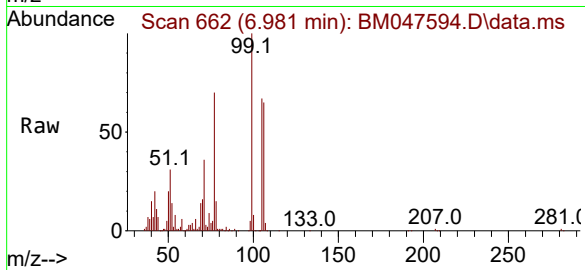




#9
Benzaldehyde
Concen: 10.797 ng
RT: 6.981 min Scan# 60
Delta R.T. -0.000 min
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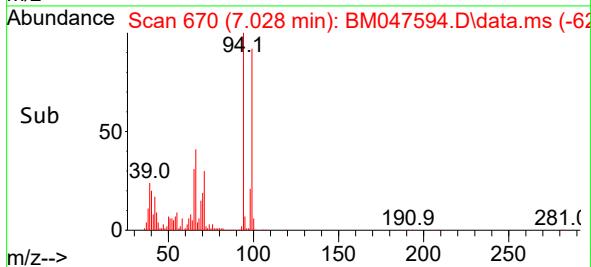
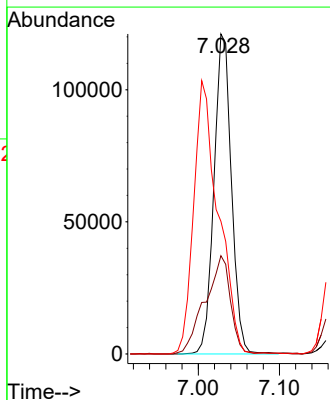
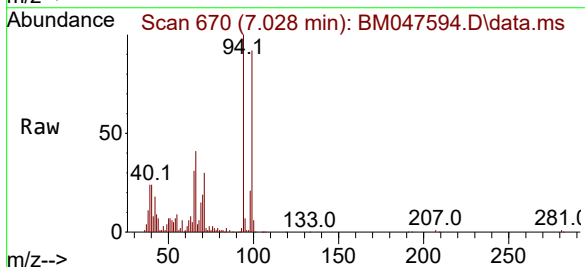
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

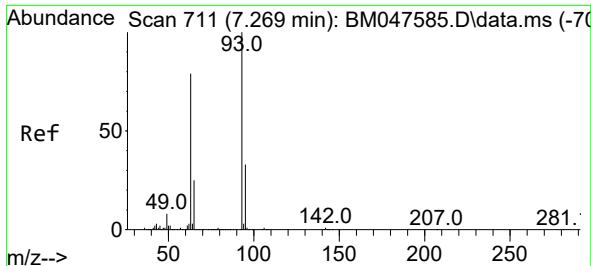
Tgt Ion: 77 Resp: 136757
Ion Ratio Lower Upper
77 100
105 95.6 73.0 113.0
106 92.0 70.3 110.3



#10
Phenol
Concen: 7.347 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion: 94 Resp: 181085
Ion Ratio Lower Upper
94 100
65 30.7 9.1 49.1
66 41.5 16.5 56.5

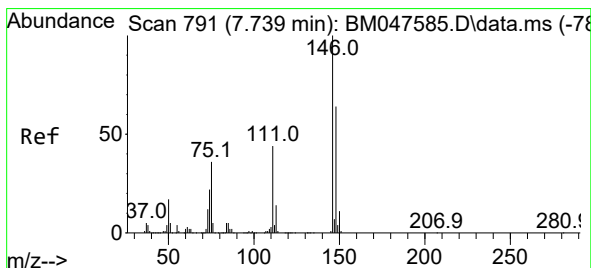
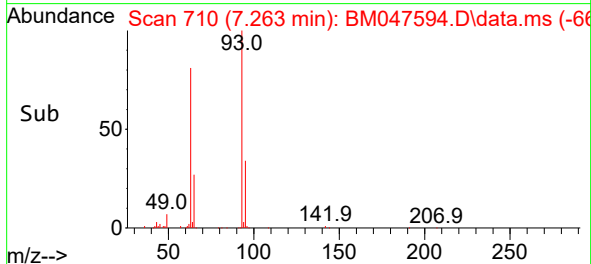
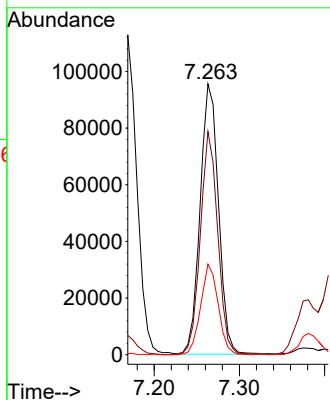
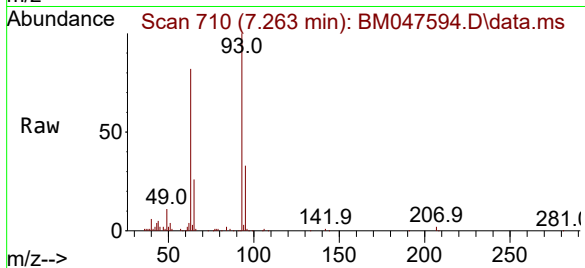




#11
bis(2-Chloroethyl)ether
Concen: 7.223 ng
RT: 7.263 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

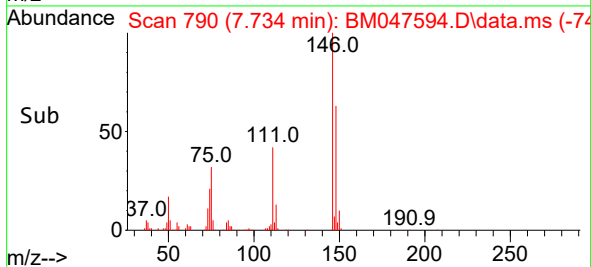
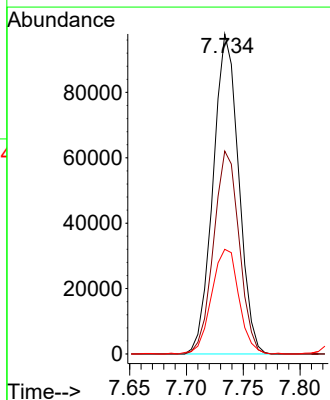
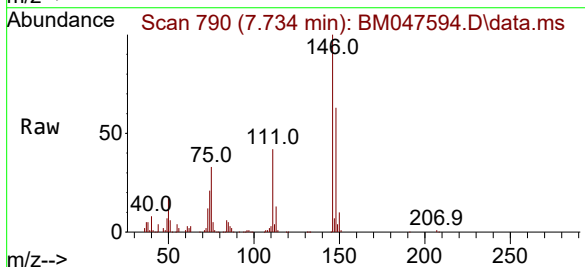
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

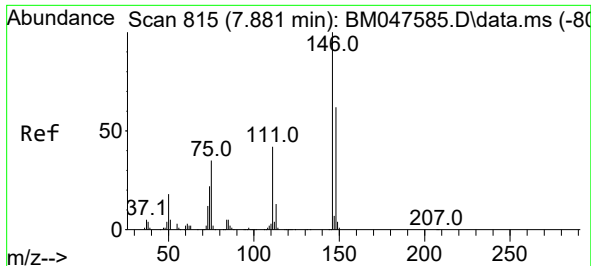
Tgt Ion: 93 Resp: 143081
Ion Ratio Lower Upper
93 100
63 82.4 58.5 98.5
95 33.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 7.024 ng
RT: 7.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion: 146 Resp: 153192
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
75 32.7 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 7.015 ng

RT: 7.881 min Scan# 815

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

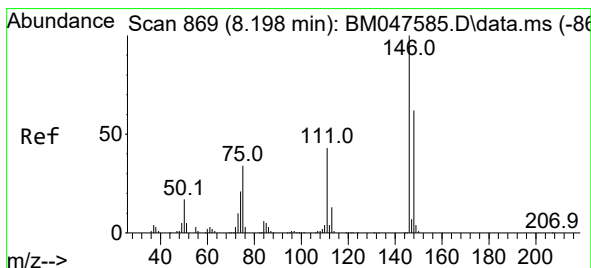
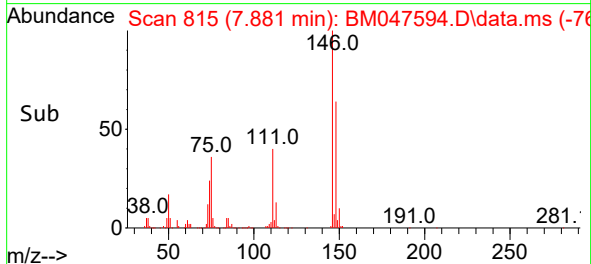
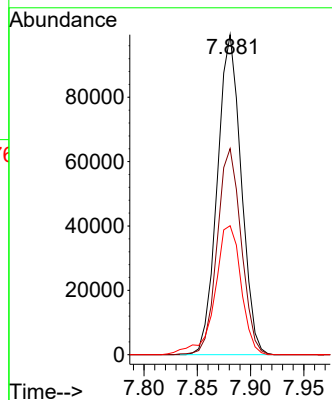
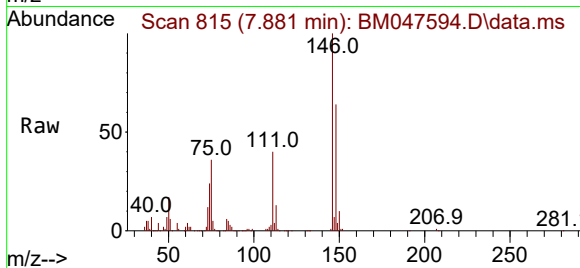
Tgt Ion:146 Resp: 154800

Ion Ratio Lower Upper

146 100

148 64.4 49.8 74.6

111 40.3 33.3 49.9



#14

1,2-Dichlorobenzene

Concen: 6.981 ng

RT: 8.198 min Scan# 869

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

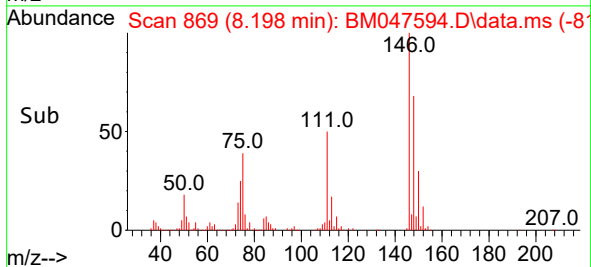
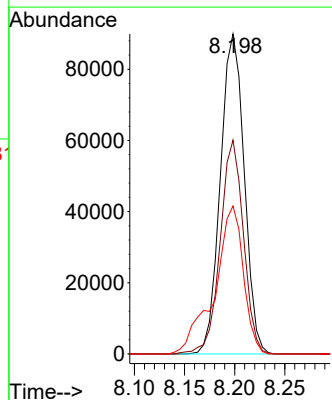
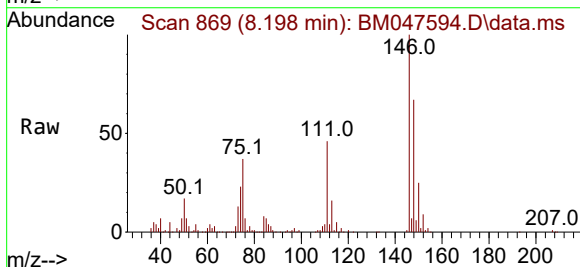
Tgt Ion:146 Resp: 148506

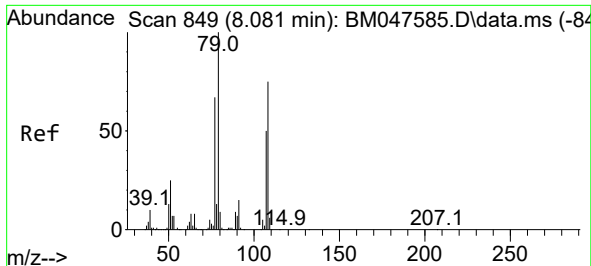
Ion Ratio Lower Upper

146 100

148 66.8 49.7 74.5

111 46.3 34.8 52.2

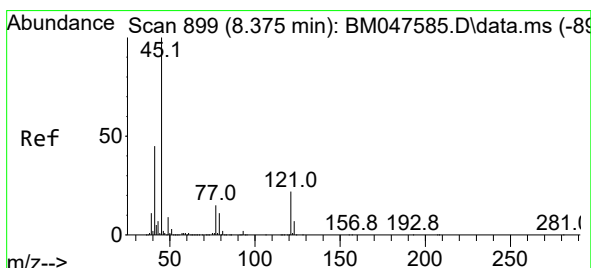
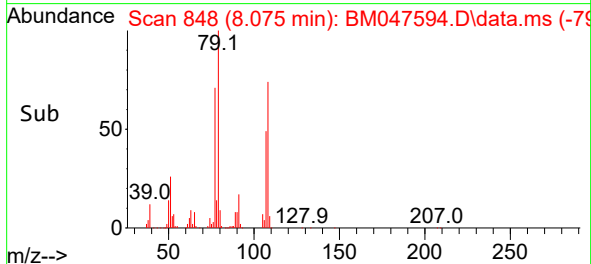
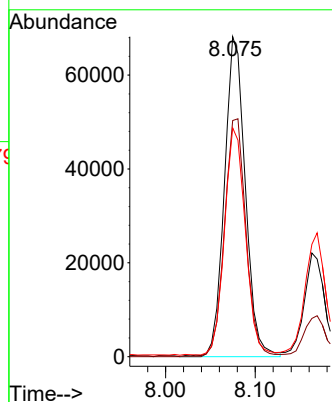
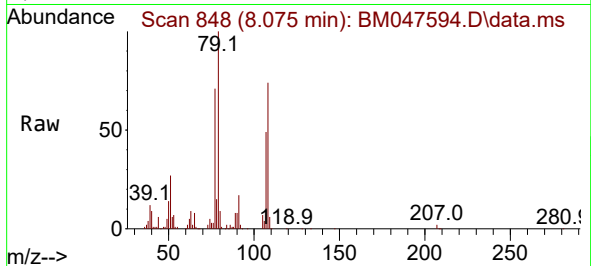




#15
Benzyl Alcohol
Concen: 6.877 ng
RT: 8.075 min Scan# 84
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

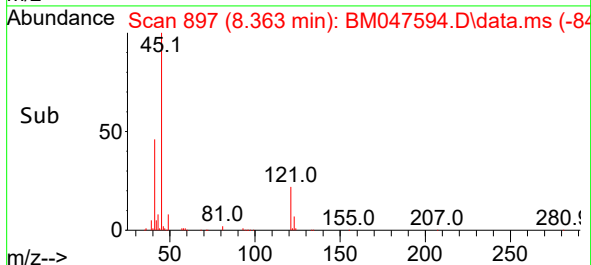
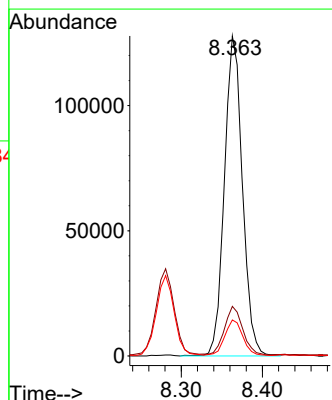
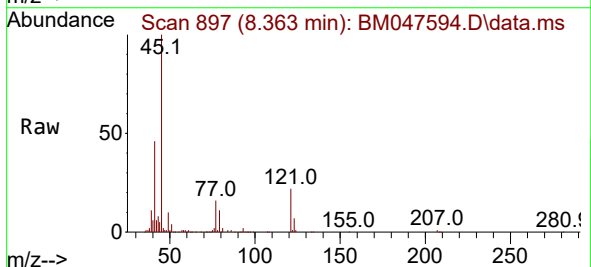
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

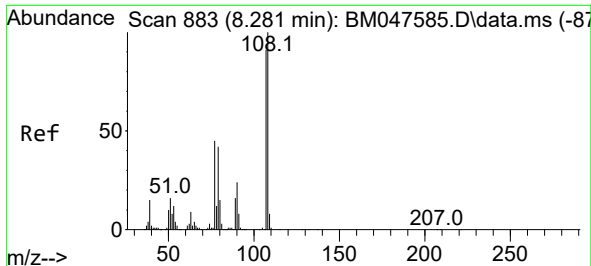
Tgt Ion: 79 Resp: 110140
Ion Ratio Lower Upper
79 100
108 73.8 60.2 90.2
77 71.5 53.9 80.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.832 ng
RT: 8.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion: 45 Resp: 197773
Ion Ratio Lower Upper
45 100
77 15.5 0.0 35.5
79 11.2 0.0 31.6

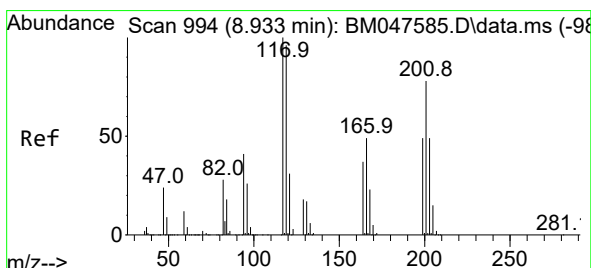
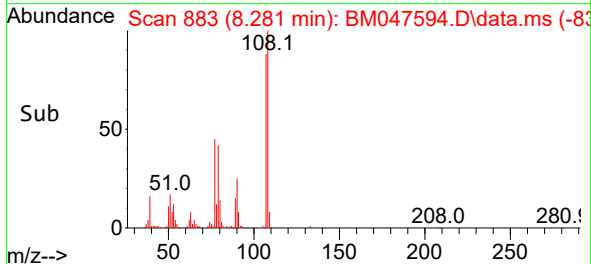
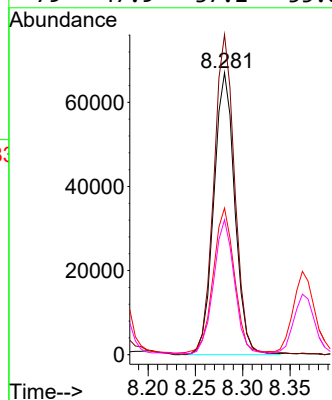
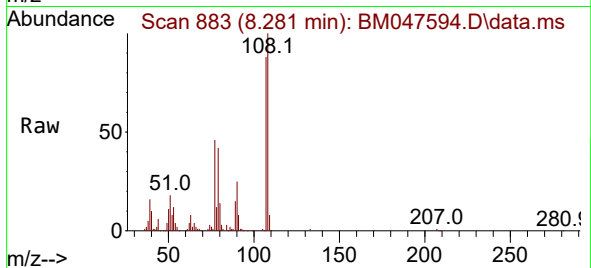




#17
2-Methylphenol
Concen: 6.683 ng
RT: 8.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

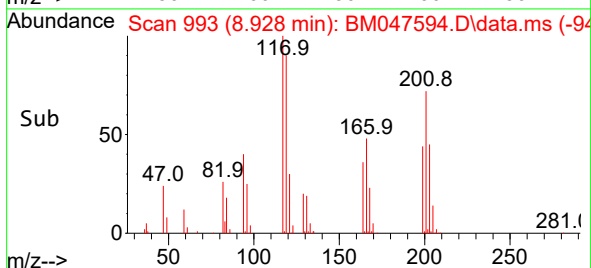
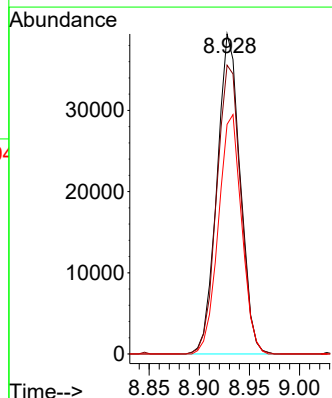
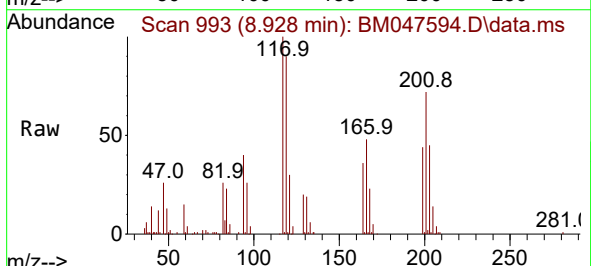
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

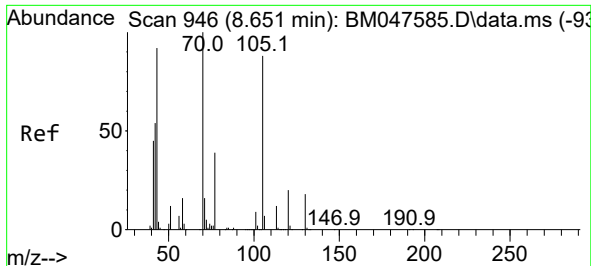
Tgt Ion:	107	Resp:	103517
Ion	Ratio	Lower	Upper
107	100		
108	113.5	87.8	131.6
77	52.0	39.6	59.4
79	47.9	37.2	55.8



#18
Hexachloroethane
Concen: 7.110 ng
RT: 8.928 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:	117	Resp:	63629
Ion	Ratio	Lower	Upper
117	100		
119	90.3	77.2	115.8
201	71.7	62.3	93.5

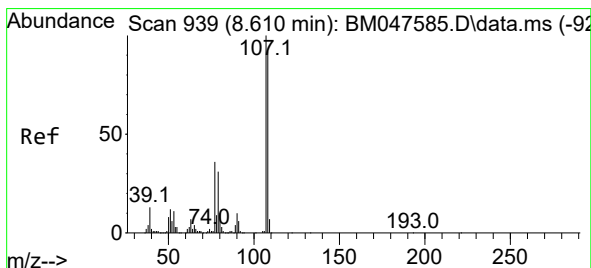
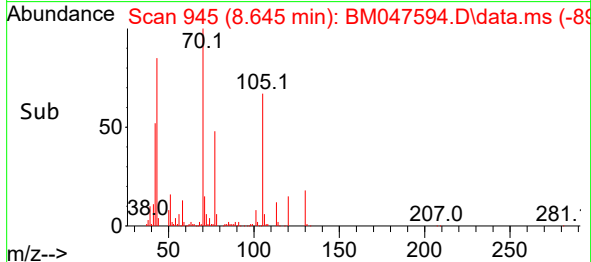
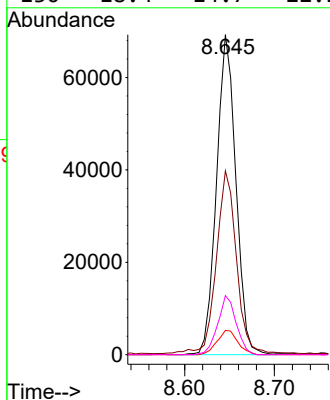
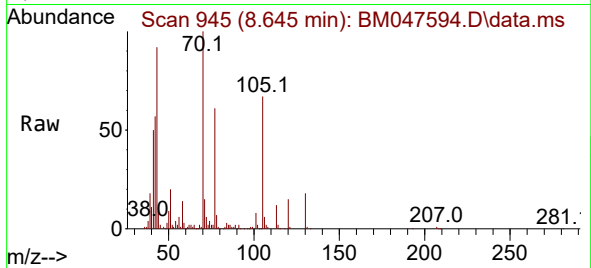




#19
n-Nitroso-di-n-propylamine
Concen: 6.836 ng
RT: 8.645 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

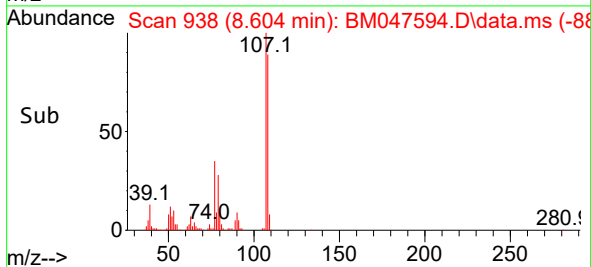
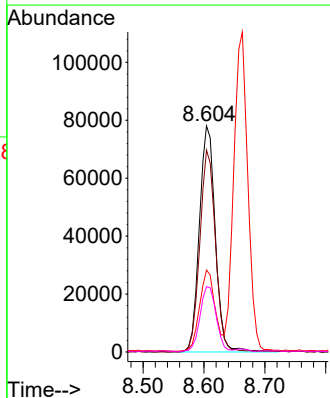
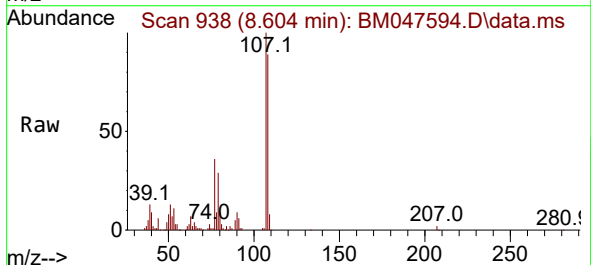
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

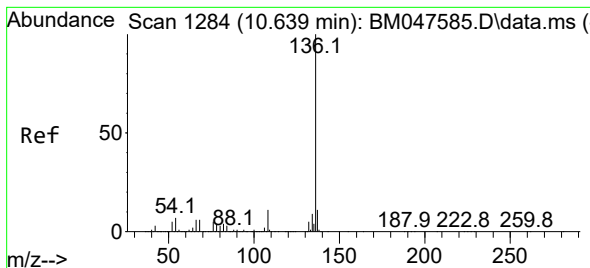
Tgt Ion:	70	Resp:	103931
Ion	Ratio	Lower	Upper
70	100		
42	57.4	44.2	66.2
101	7.6	7.0	10.4
130	18.4	14.7	22.1



#20
3+4-Methylphenols
Concen: 6.704 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:	107	Resp:	141447
Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.8	111.8
77	36.2	16.1	56.1
79	28.9	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:136 Resp: 1207532

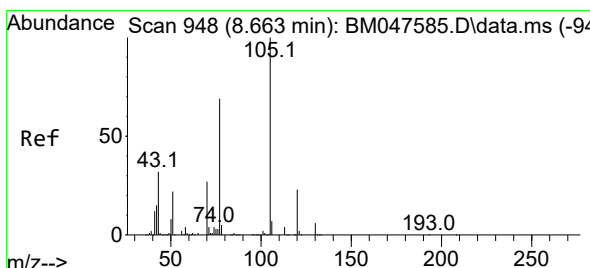
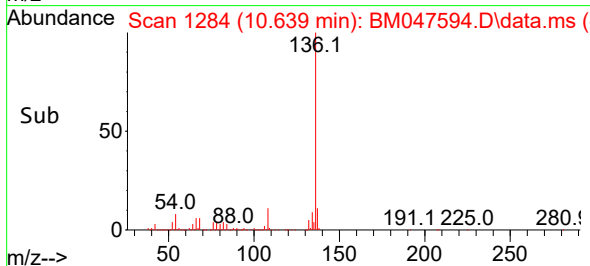
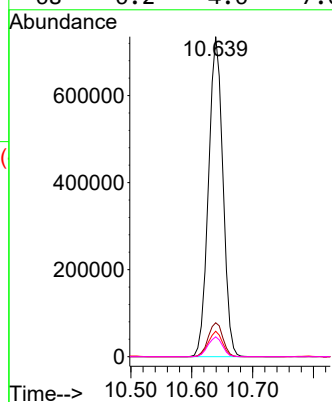
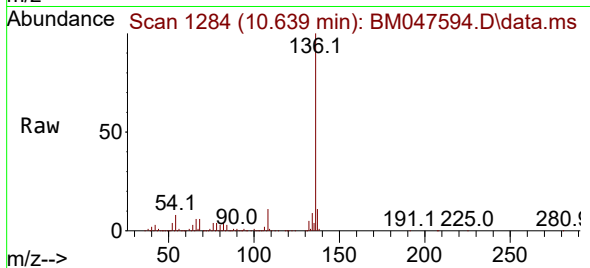
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 8.0 6.0 9.0

68 6.2 4.6 7.0



#22

Acetophenone

Concen: 6.788 ng

RT: 8.663 min Scan# 948

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Tgt Ion:105 Resp: 213552

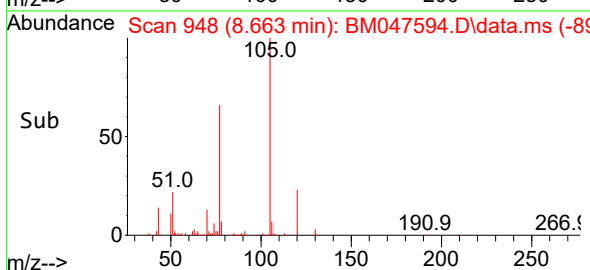
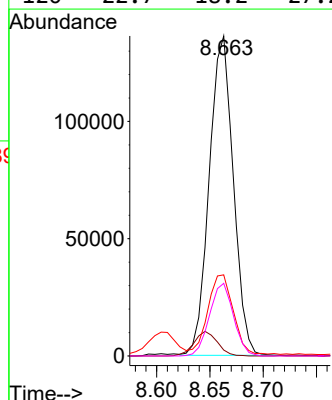
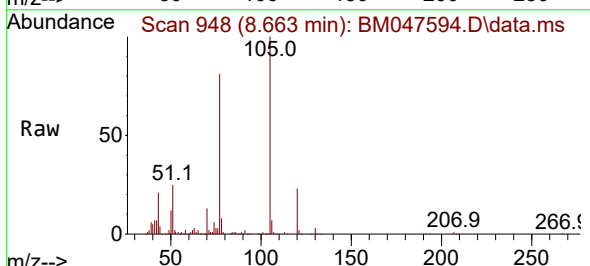
Ion Ratio Lower Upper

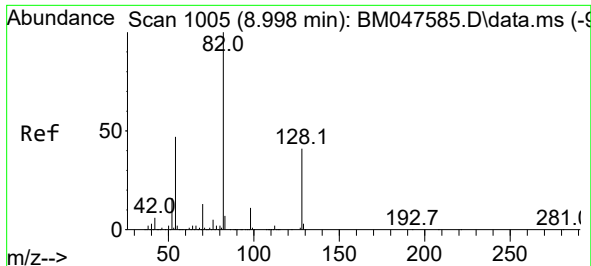
105 100

71 1.9 3.4 5.2#

51 25.4 21.4 32.2

120 22.7 18.2 27.2

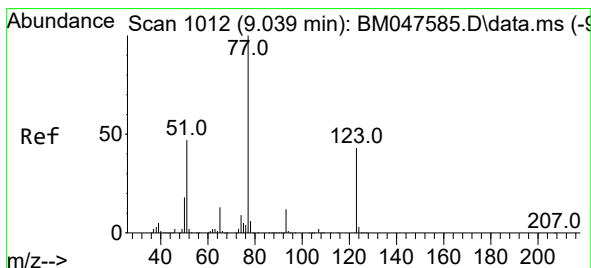
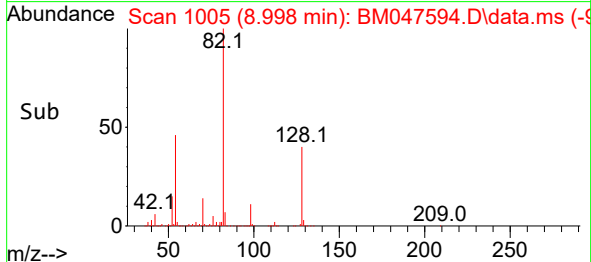
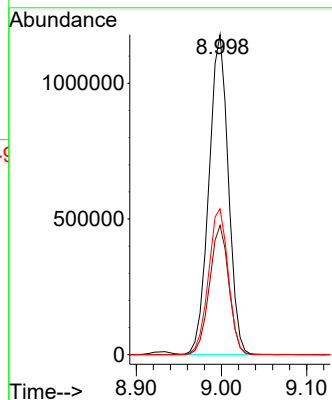
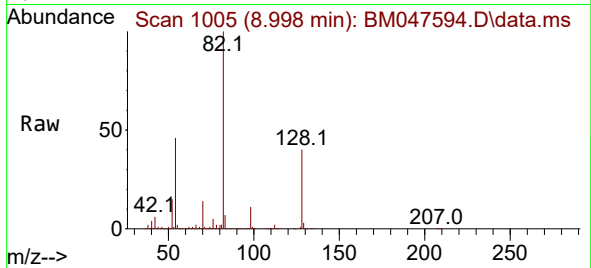




#23
Nitrobenzene-d5
Concen: 77.029 ng
RT: 8.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

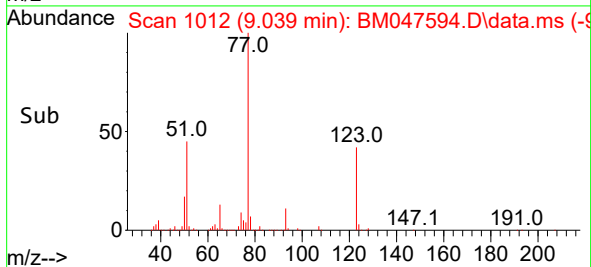
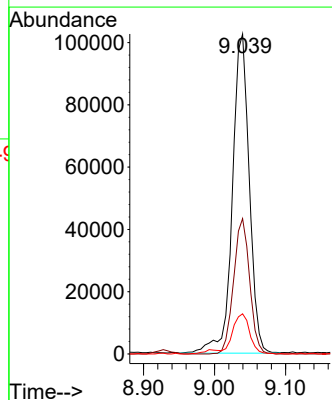
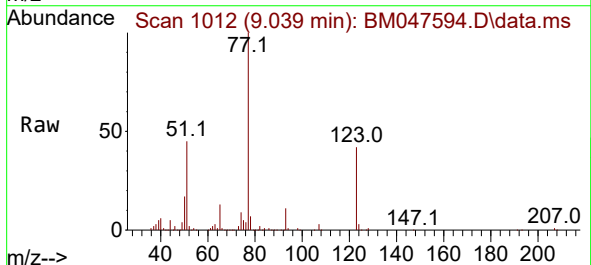
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

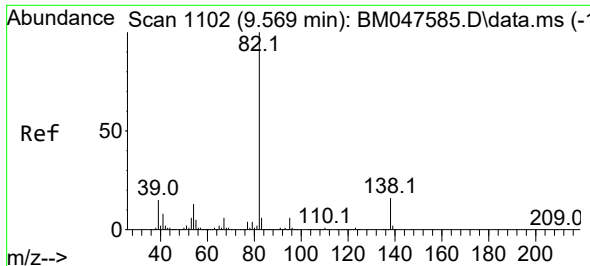
Tgt Ion: 82 Resp: 1868510
Ion Ratio Lower Upper
82 100
128 40.4 32.5 48.7
54 45.6 37.5 56.3



#24
Nitrobenzene
Concen: 6.776 ng
RT: 9.039 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion: 77 Resp: 169758
Ion Ratio Lower Upper
77 100
123 42.3 34.1 51.1
65 12.6 10.7 16.1





#25

Isophorone

Concen: 6.435 ng

RT: 9.569 min Scan# 1102

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

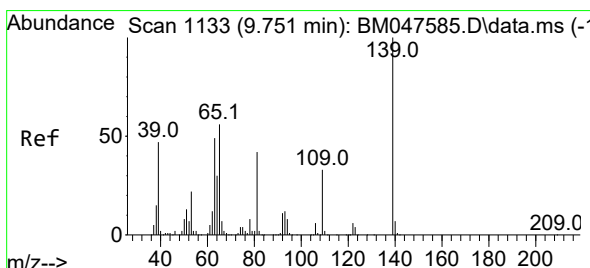
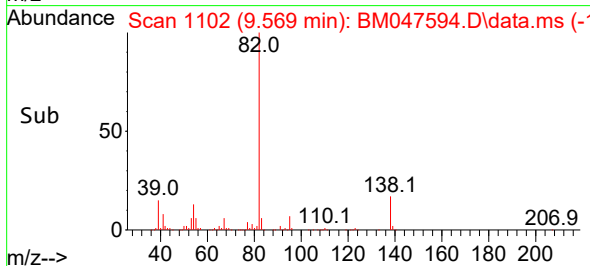
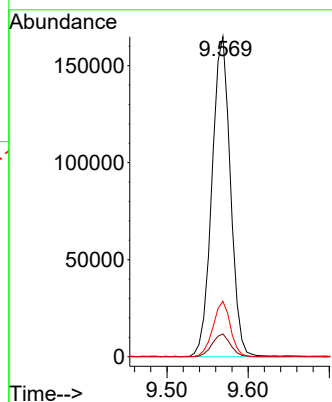
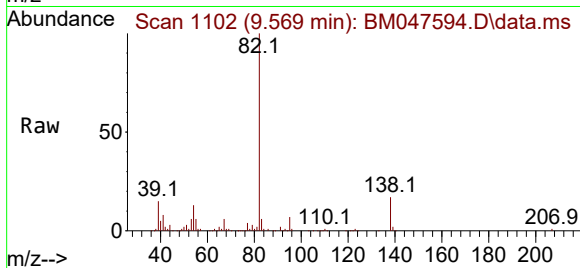
Tgt Ion: 82 Resp: 260880

Ion Ratio Lower Upper

82 100

95 7.1 5.0 7.6

138 17.3 12.9 19.3



#26

2-Nitrophenol

Concen: 5.345 ng

RT: 9.751 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

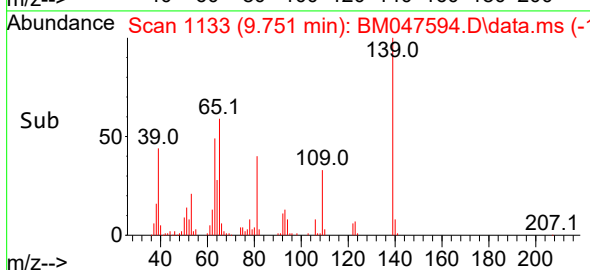
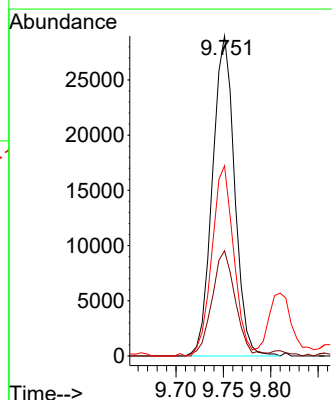
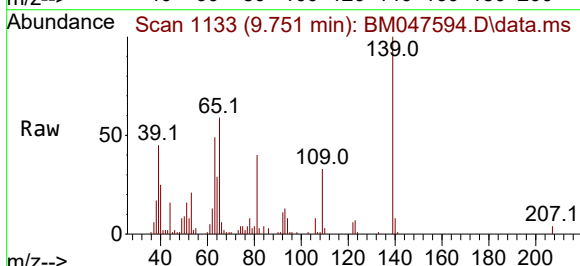
Tgt Ion: 139 Resp: 47083

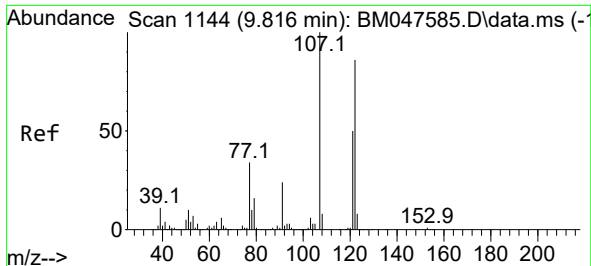
Ion Ratio Lower Upper

139 100

109 32.8 26.1 39.1

65 59.4 44.7 67.1

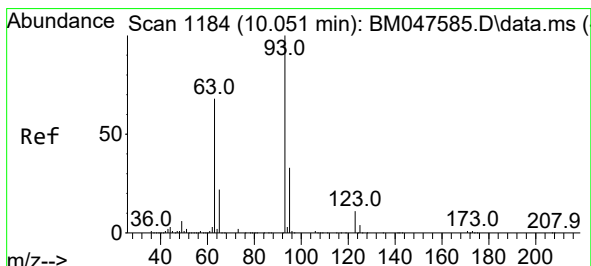
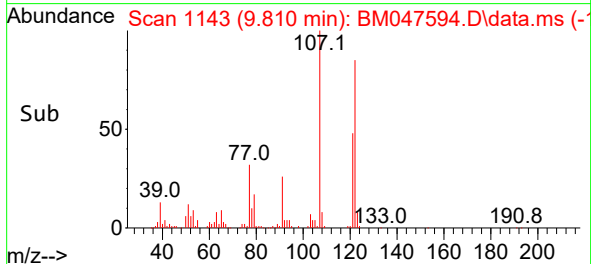
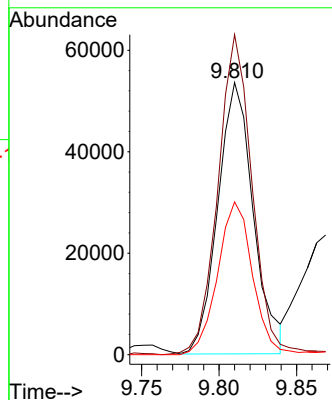
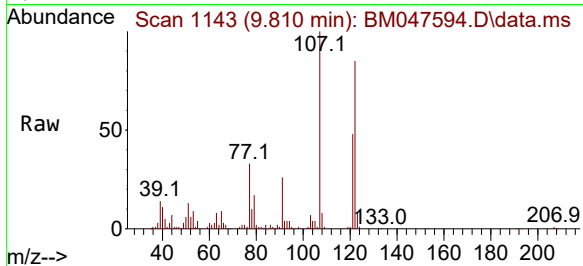




#27
2,4-Dimethylphenol
Concen: 6.785 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

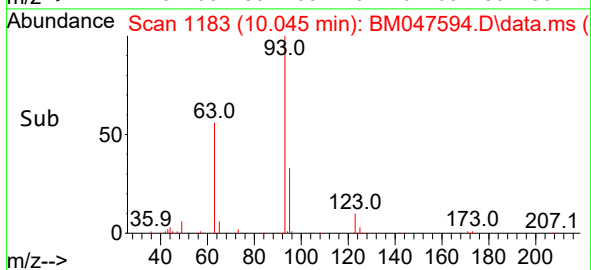
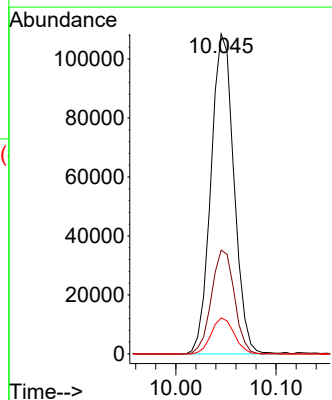
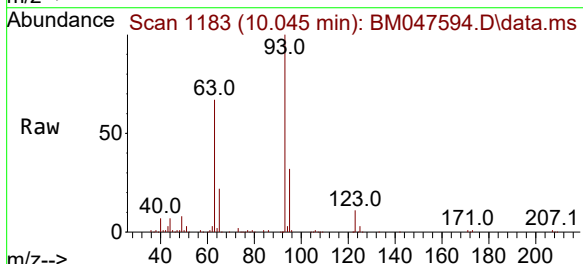
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

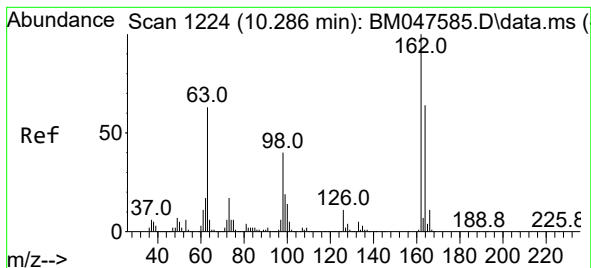
Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.6	92.2	138.2
121	56.1	45.8	68.6



#28
bis(2-Chloroethoxy)methane
Concen: 6.620 ng
RT: 10.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	11.2	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 6.073 ng

RT: 10.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

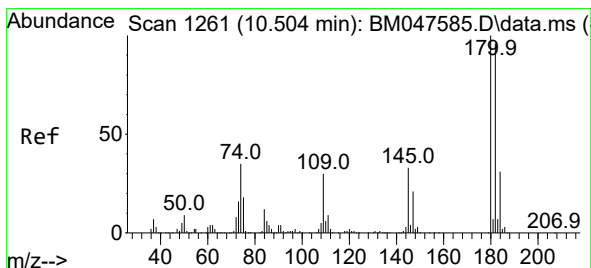
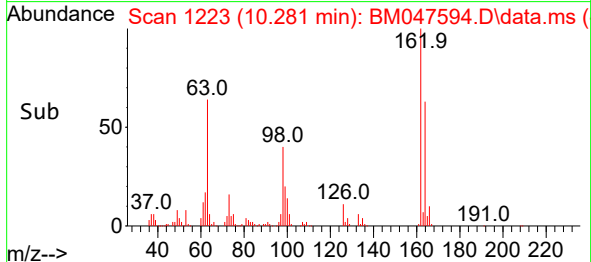
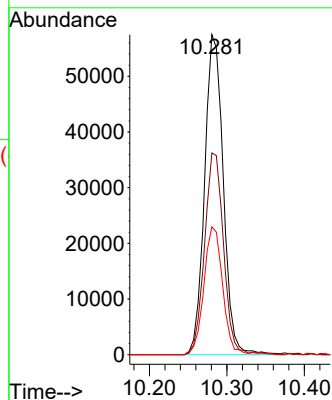
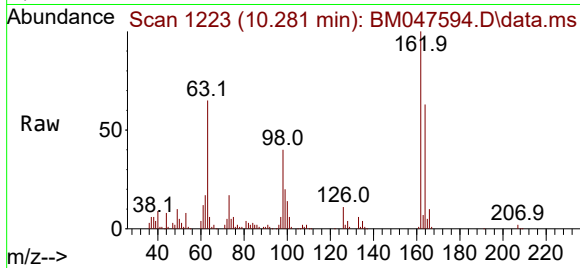
Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:162	Resp:	96395
Ion Ratio	Lower	Upper
162	100	
164	63.0	43.9 83.9
98	39.9	20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 6.407 ng

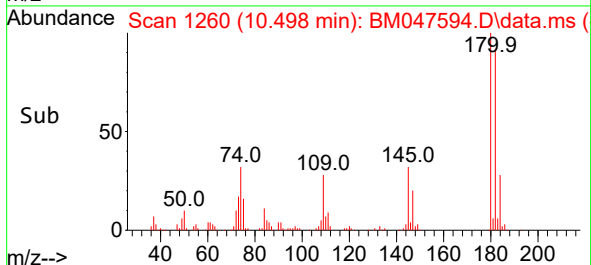
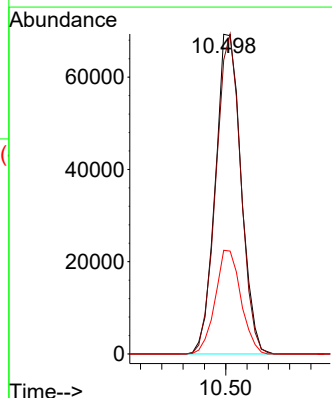
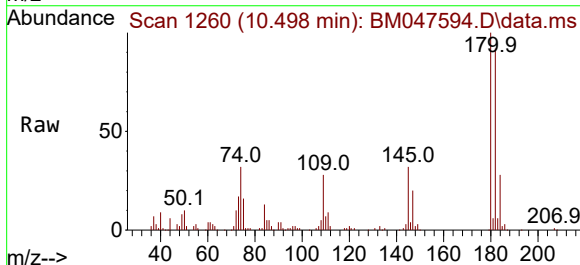
RT: 10.498 min Scan# 1260

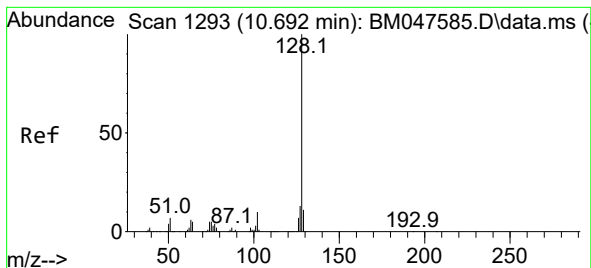
Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Tgt Ion:180	Resp:	115922
Ion Ratio	Lower	Upper
180	100	
182	92.0	76.6 115.0
145	32.5	26.2 39.2





#31

Naphthalene

Concen: 6.436 ng

RT: 10.692 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

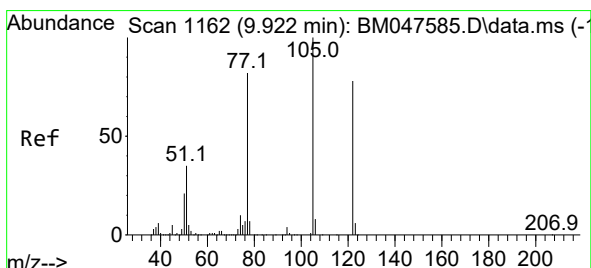
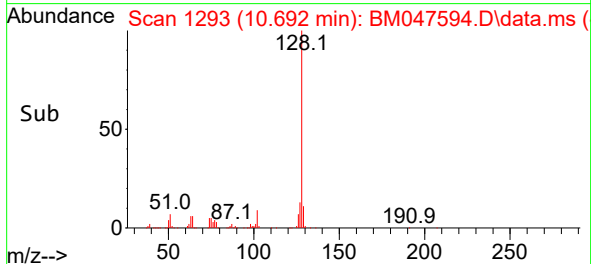
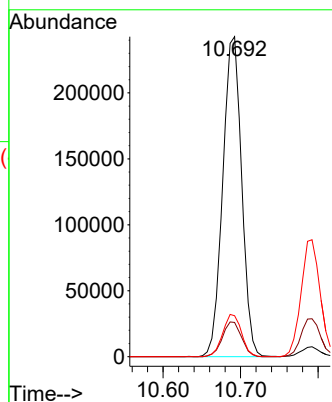
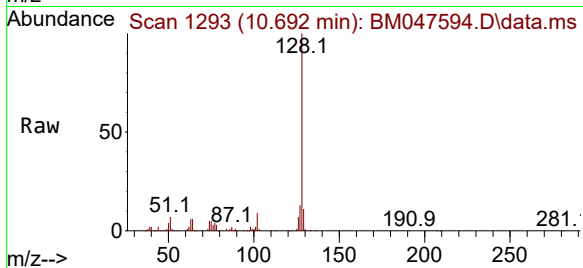
Tgt Ion:128 Resp: 411172

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 12.8 10.3 15.5



#32

Benzoic acid

Concen: 3.970 ng

RT: 9.869 min Scan# 1153

Delta R.T. -0.053 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

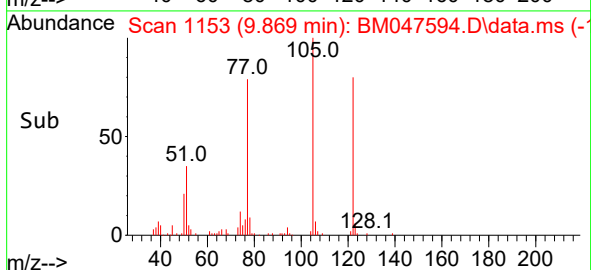
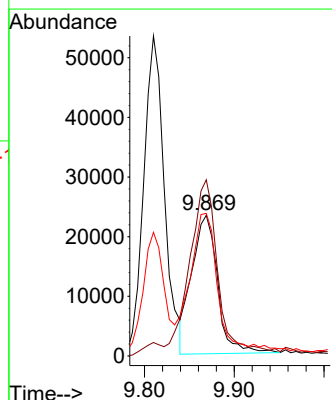
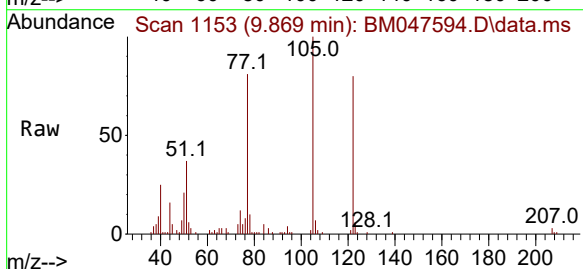
Tgt Ion:122 Resp: 46467

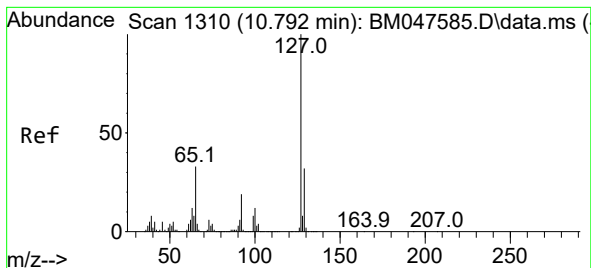
Ion Ratio Lower Upper

122 100

105 125.2 103.1 143.1

77 101.3 82.4 122.4





#33

4-Chloroaniline

Concen: 6.858 ng

RT: 10.792 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BM047594.D

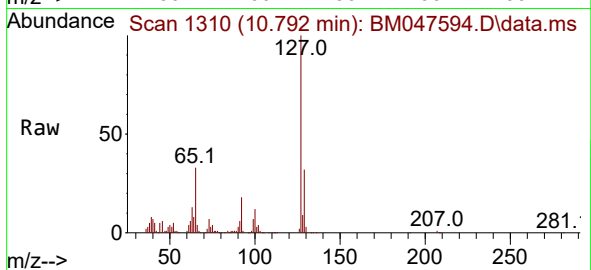
Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:127 Resp: 154465

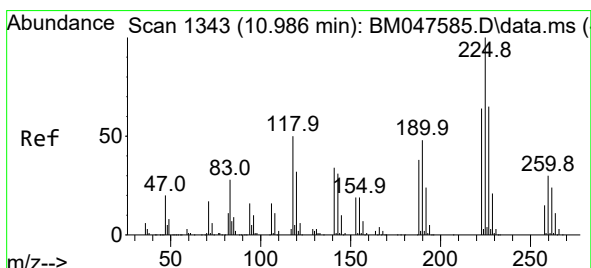
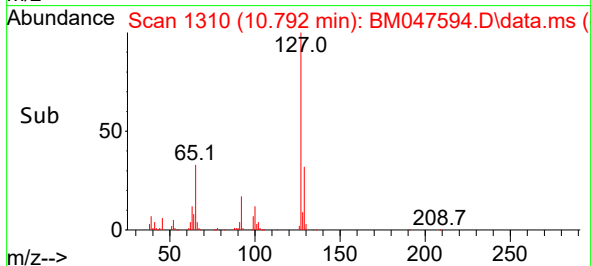
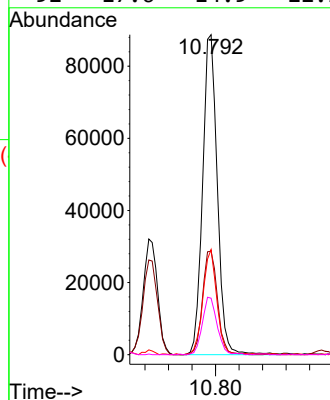
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

127	100		
-----	-----	--	--

129	32.4	25.6	38.4
-----	------	------	------

65	32.8	26.1	39.1
----	------	------	------

92	17.6	14.9	22.3
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#34

Hexachlorobutadiene

Concen: 6.152 ng

RT: 10.986 min Scan# 1343

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

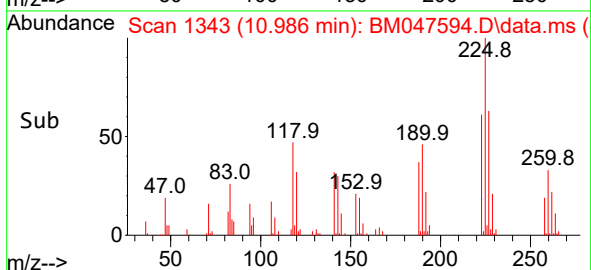
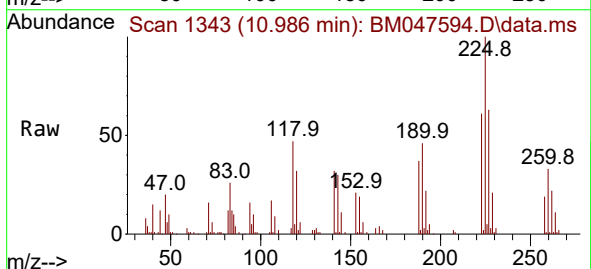
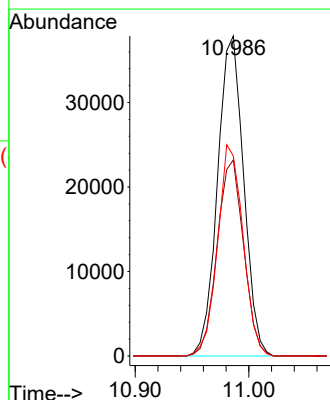
Tgt Ion:225 Resp: 60575

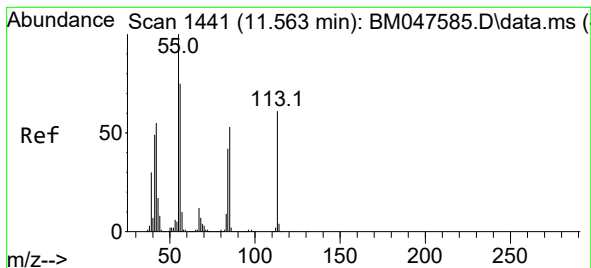
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

225	100		
-----	-----	--	--

223	61.2	51.4	77.0
-----	------	------	------

227	62.5	52.1	78.1
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#35

Caprolactam

Concen: 5.085 ng

RT: 11.545 min Scan# 14

Delta R.T. -0.018 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

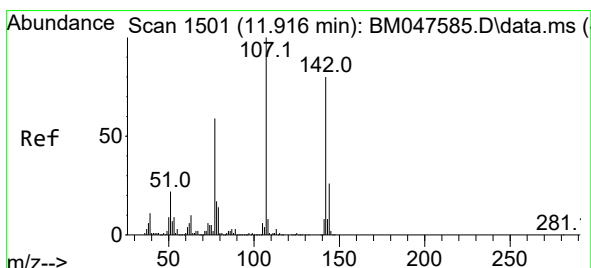
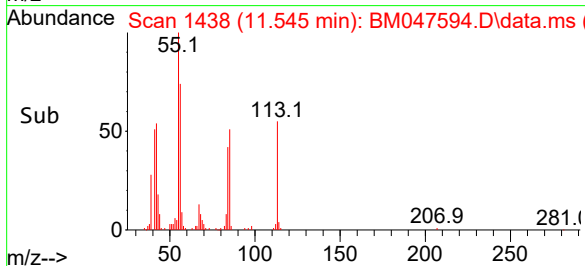
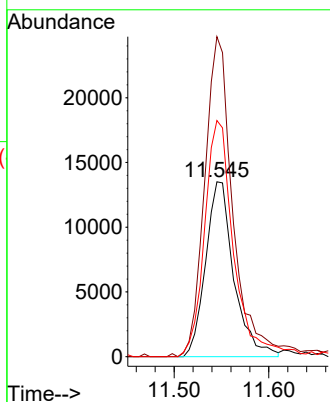
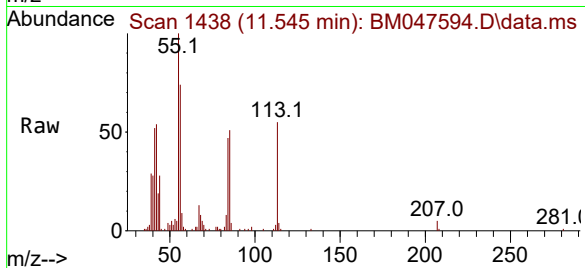
Tgt Ion:113 Resp: 27901

Ion Ratio Lower Upper

113 100

55 183.0 145.5 185.5

56 135.1 103.9 143.9



#36

4-Chloro-3-methylphenol

Concen: 5.680 ng

RT: 11.910 min Scan# 1500

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

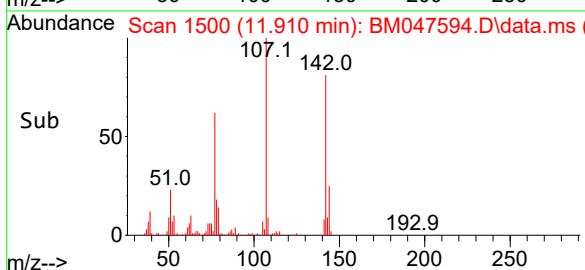
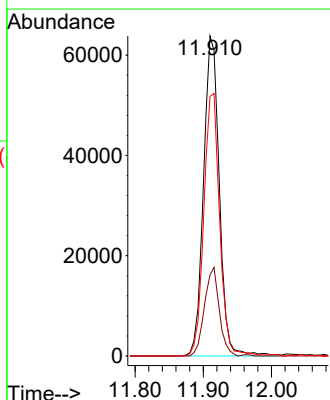
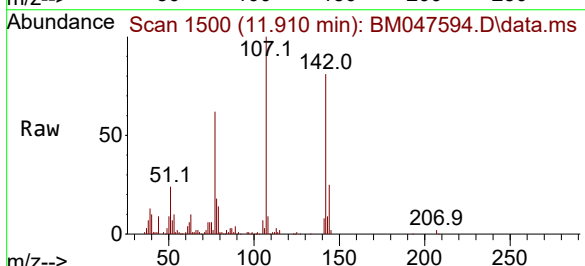
Tgt Ion:107 Resp: 102863

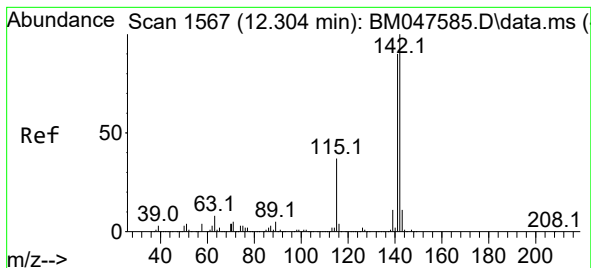
Ion Ratio Lower Upper

107 100

144 25.3 20.7 31.1

142 81.1 63.9 95.9





#37

2-Methylnaphthalene

Concen: 6.149 ng

RT: 12.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

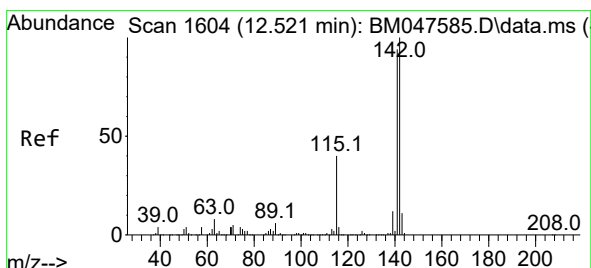
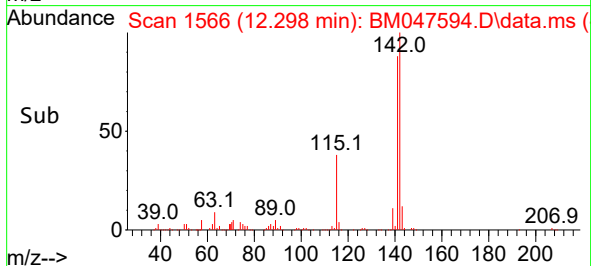
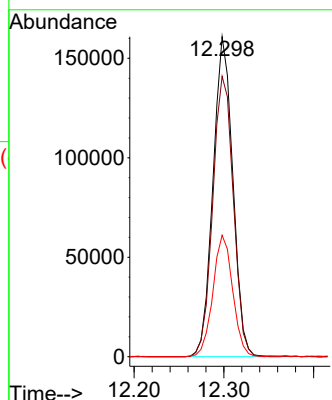
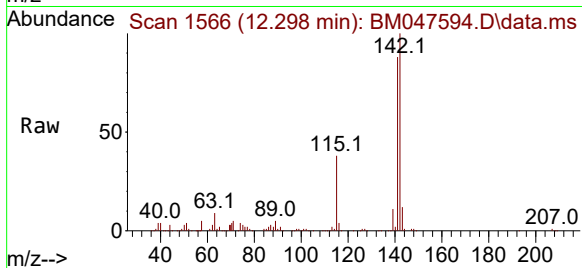
Tgt Ion:142 Resp: 246809

Ion Ratio Lower Upper

142 100

141 87.6 71.7 107.5

115 38.0 29.5 44.3



#38

1-Methylnaphthalene

Concen: 6.199 ng

RT: 12.298 min Scan# 1566

Delta R.T. -0.223 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

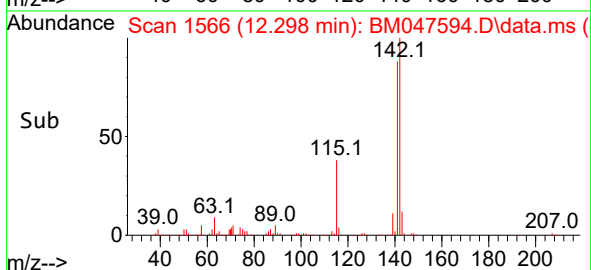
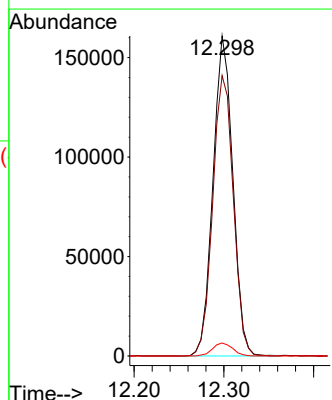
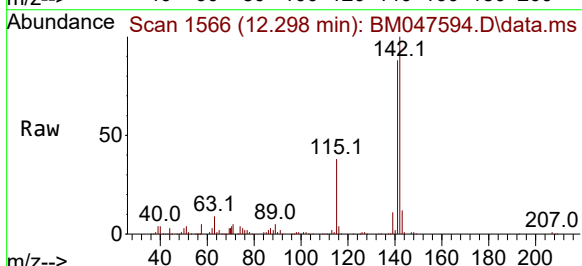
Tgt Ion:142 Resp: 246809

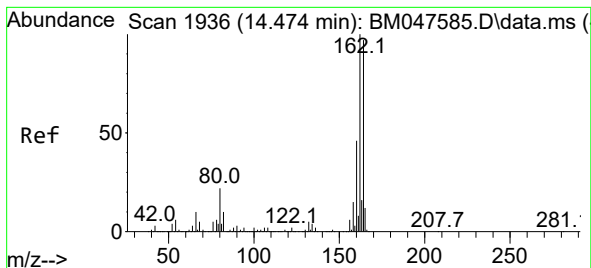
Ion Ratio Lower Upper

142 100

141 87.6 75.3 112.9

116 4.1 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.474 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

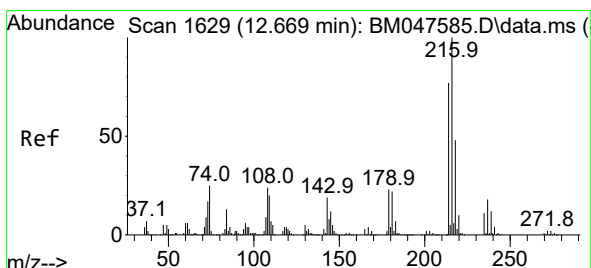
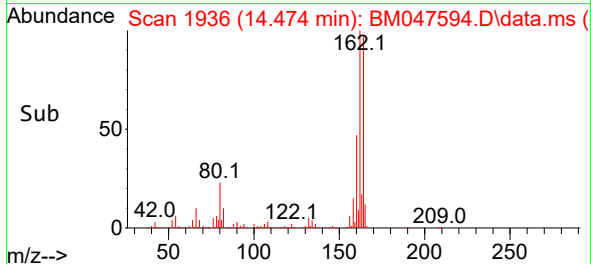
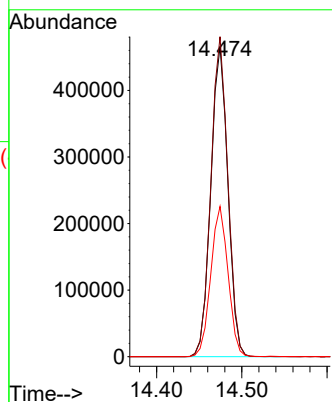
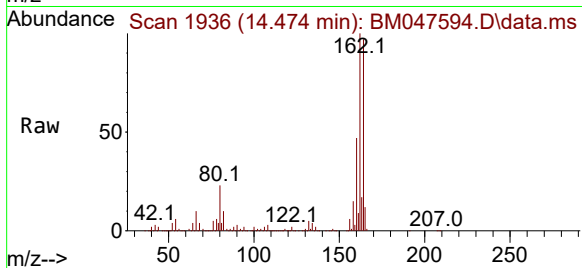
Tgt Ion:164 Resp: 647684

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

160 48.4 37.8 56.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.470 ng

RT: 12.669 min Scan# 1629

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Tgt Ion:216 Resp: 110587

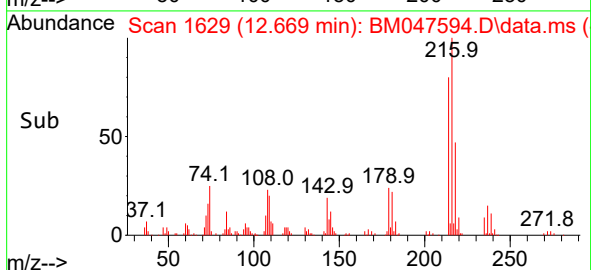
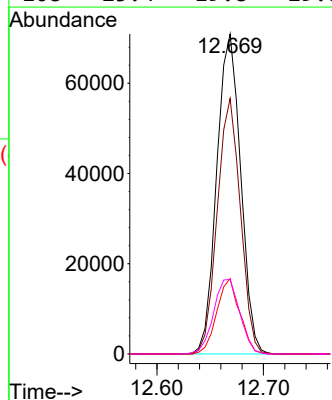
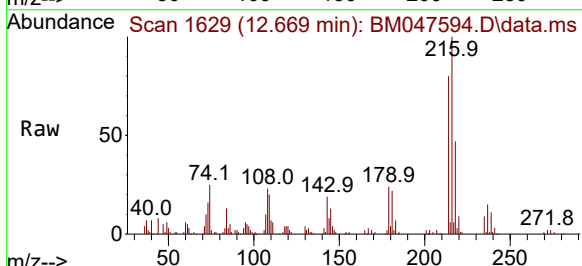
Ion Ratio Lower Upper

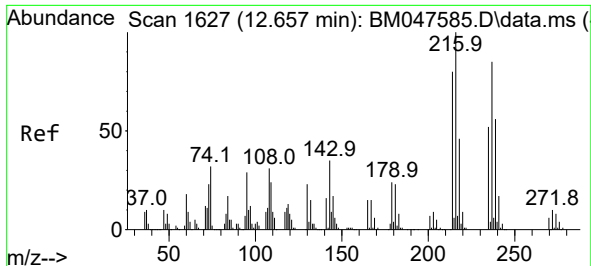
216 100

214 77.0 62.8 94.2

179 22.6 18.5 27.7

108 25.4 19.8 29.8

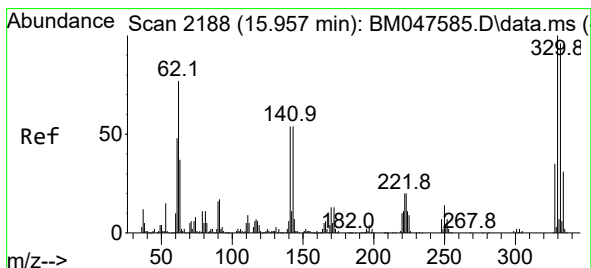
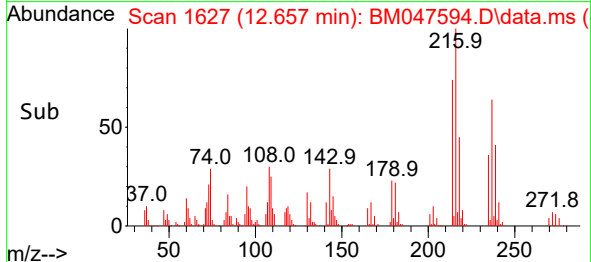
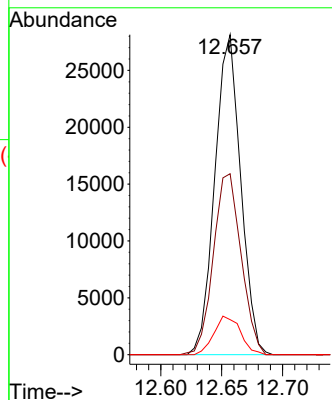
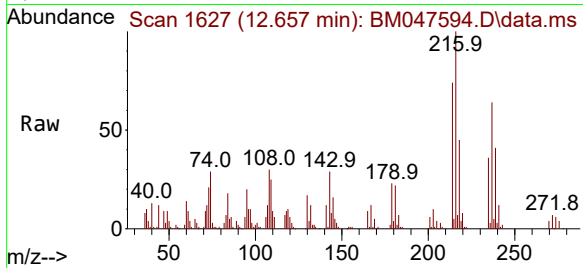




#41
Hexachlorocyclopentadiene
Concen: 7.377 ng
RT: 12.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

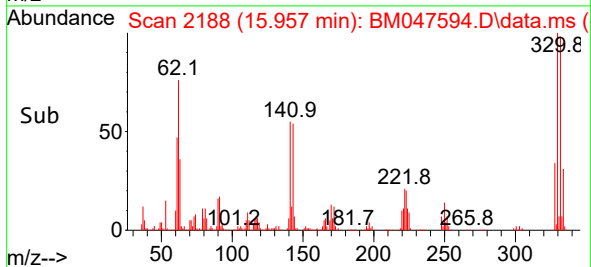
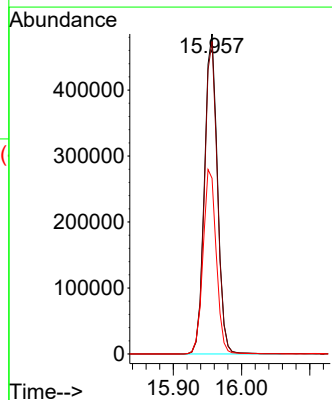
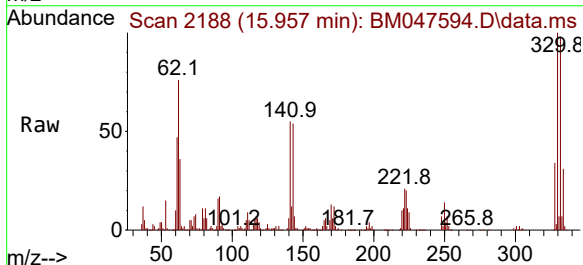
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

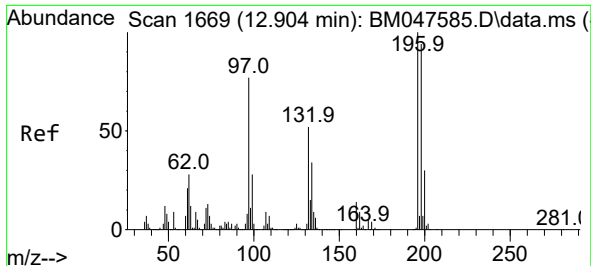
Tgt Ion:	237	Resp:	41629
Ion	Ratio	Lower	Upper
237	100		
235	56.6	41.2	81.2
272	10.9	0.0	32.0



#42
2,4,6-Tribromophenol
Concen: 107.343 ng
RT: 15.957 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:	330	Resp:	643775
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.4
141	58.7	45.9	68.9

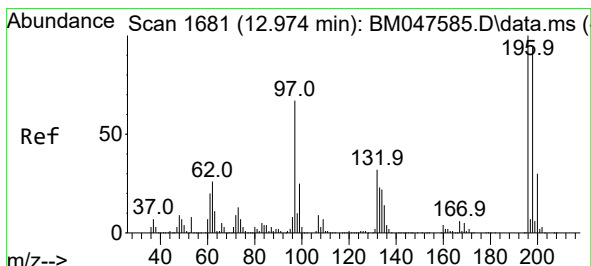
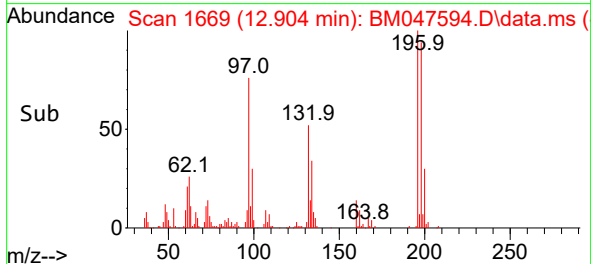
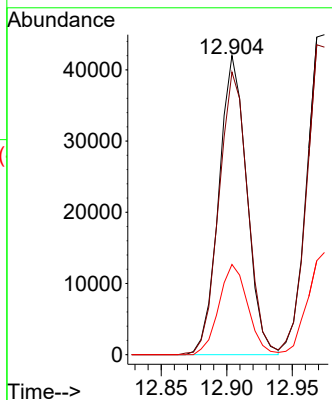
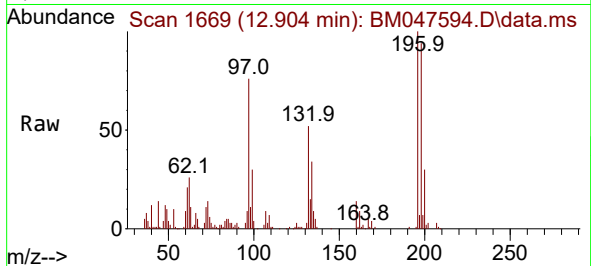




#43
2,4,6-Trichlorophenol
Concen: 5.608 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

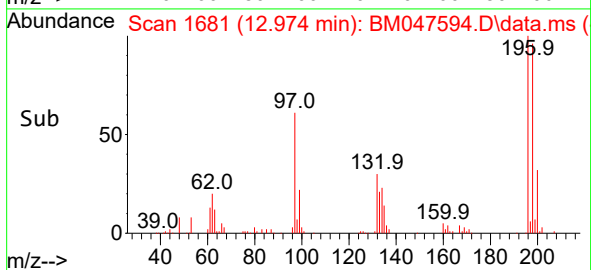
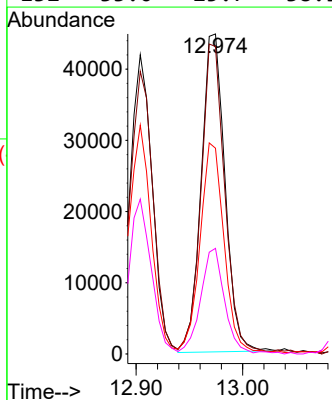
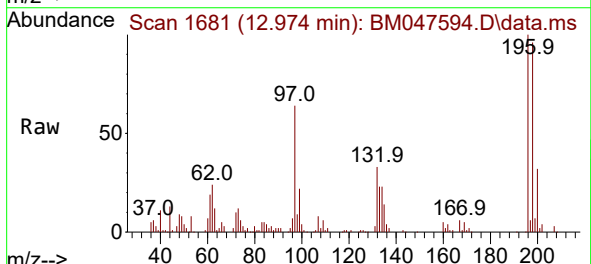
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

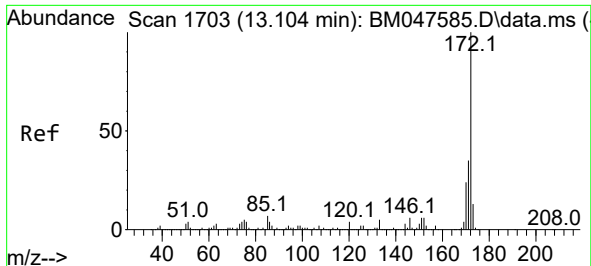
Tgt Ion:196 Resp: 62298
Ion Ratio Lower Upper
196 100
198 94.5 75.5 113.3
200 30.2 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 5.553 ng
RT: 12.974 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:196 Resp: 69329
Ion Ratio Lower Upper
196 100
198 96.1 75.5 113.3
97 64.3 53.5 80.3
132 33.0 25.7 38.5

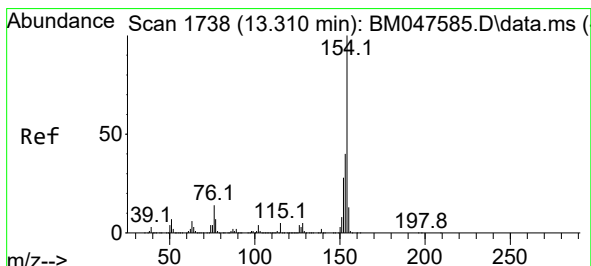
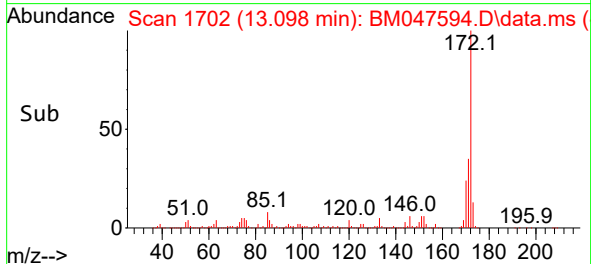
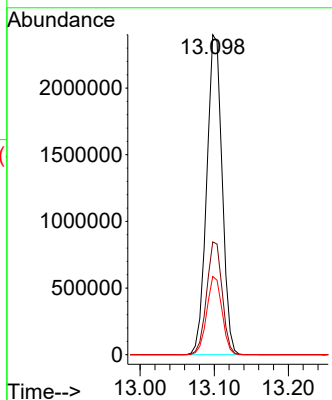
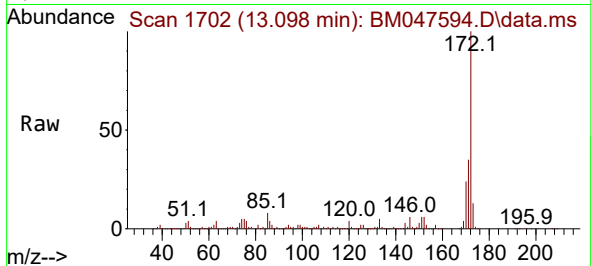




#45
2-Fluorobiphenyl
Concen: 75.682 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

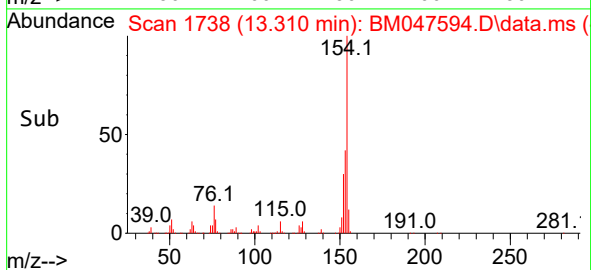
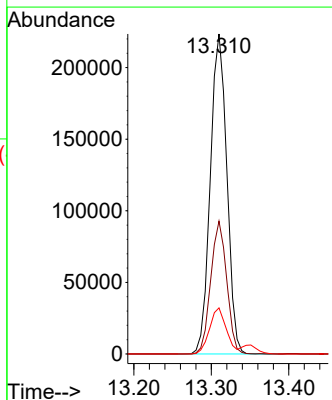
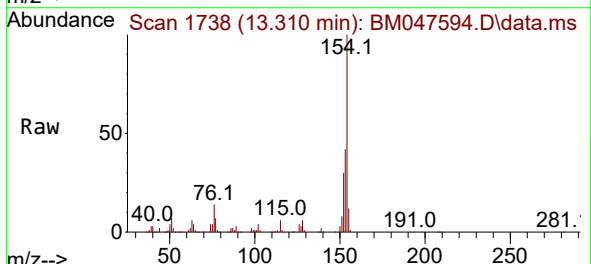
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

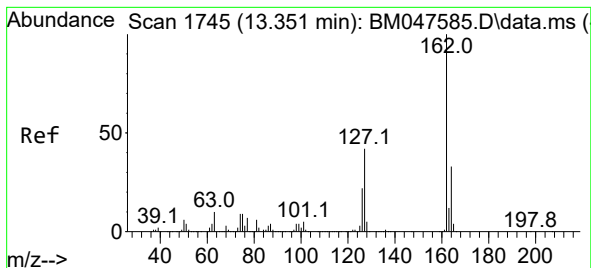
Tgt Ion:172 Resp: 3464250
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 6.640 ng
RT: 13.310 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:154 Resp: 332151
Ion Ratio Lower Upper
154 100
153 41.5 19.9 59.9
76 14.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 6.287 ng

RT: 13.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

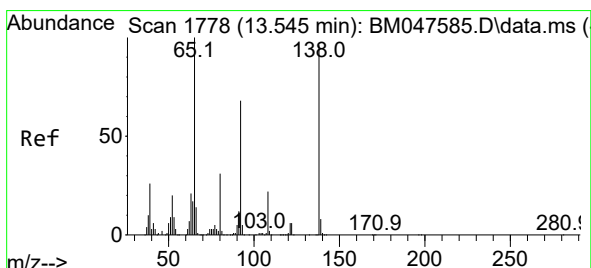
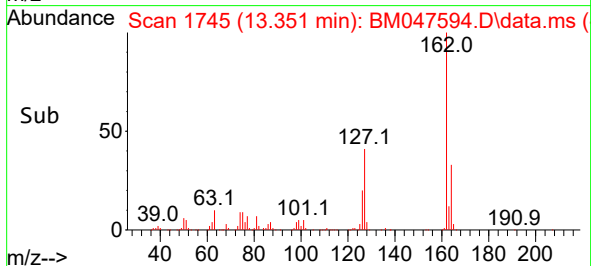
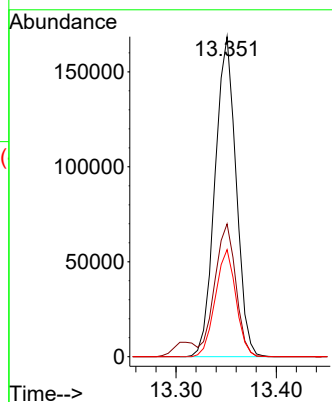
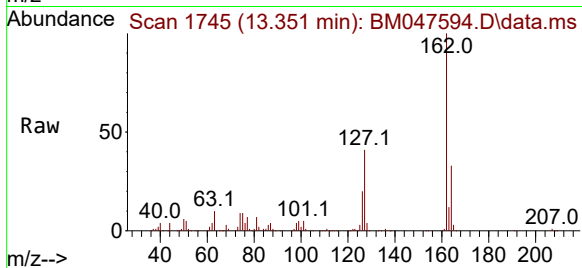
Tgt Ion:162 Resp: 246067

Ion Ratio Lower Upper

162 100

127 41.5 33.8 50.6

164 33.4 26.2 39.4



#48

2-Nitroaniline

Concen: 5.234 ng

RT: 13.545 min Scan# 1778

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

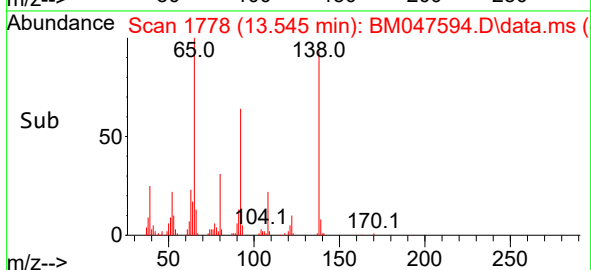
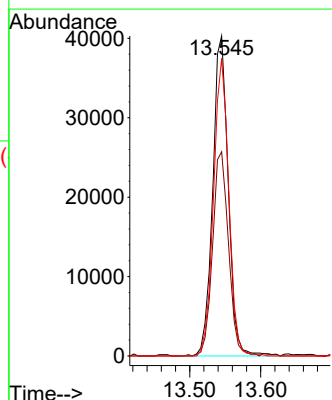
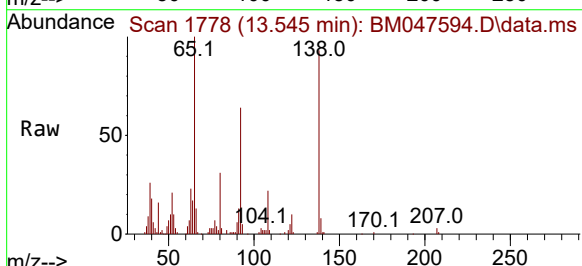
Tgt Ion: 65 Resp: 61178

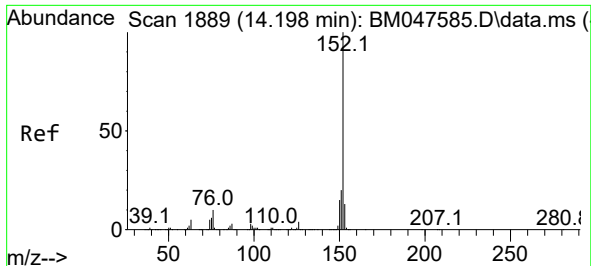
Ion Ratio Lower Upper

65 100

92 63.8 54.2 81.4

138 93.0 76.6 114.8

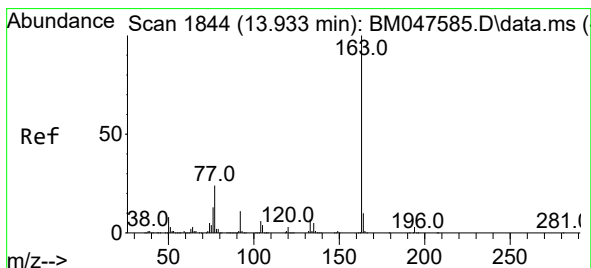
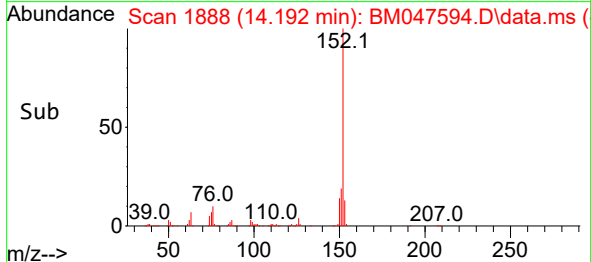
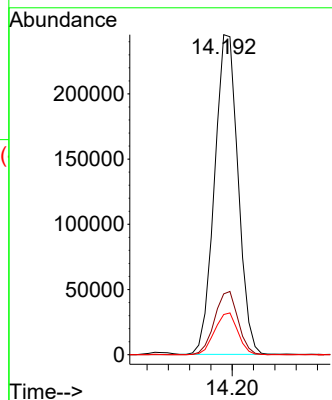
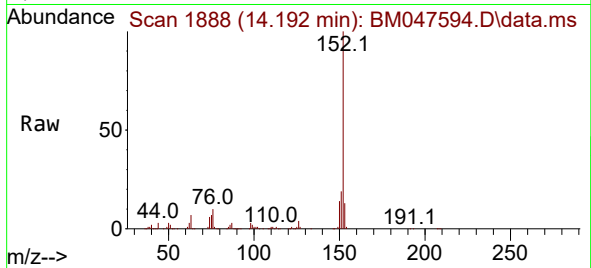




#49
Acenaphthylene
Concen: 6.657 ng
RT: 14.192 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

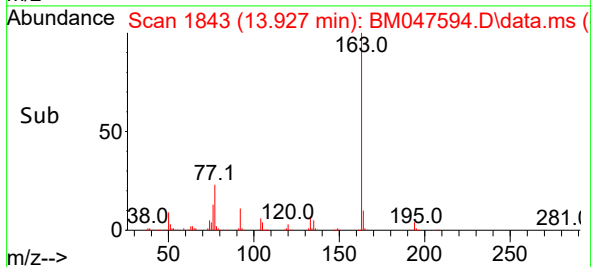
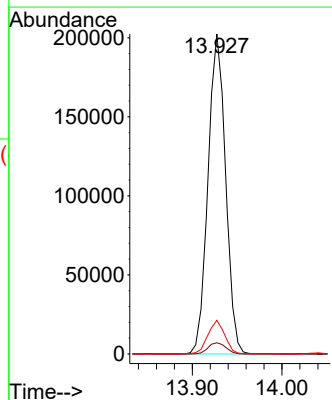
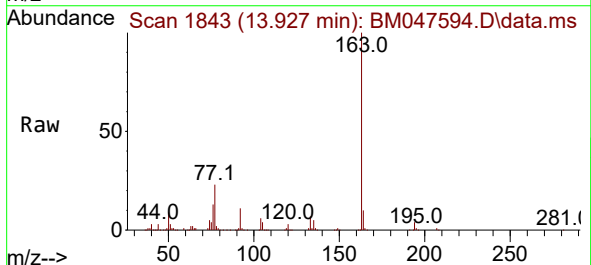
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

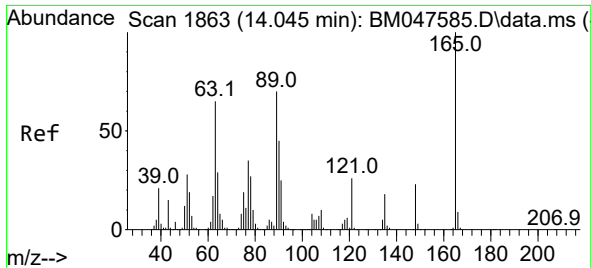
Tgt Ion:152 Resp: 374959
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.2
153 12.5 10.4 15.6



#50
Dimethylphthalate
Concen: 6.159 ng
RT: 13.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:163 Resp: 275447
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2

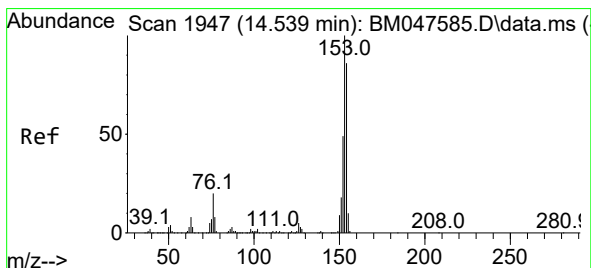
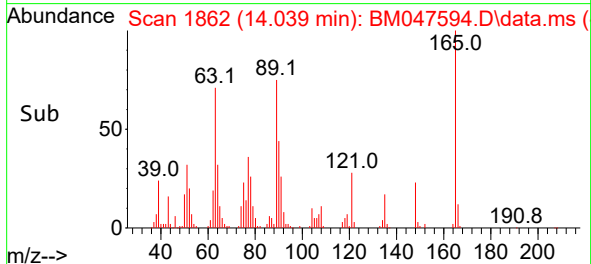
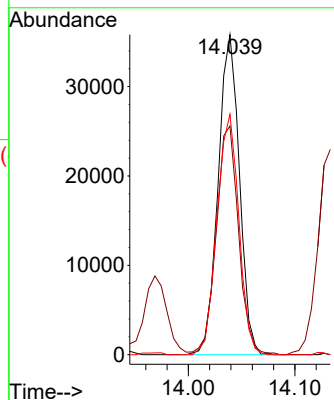
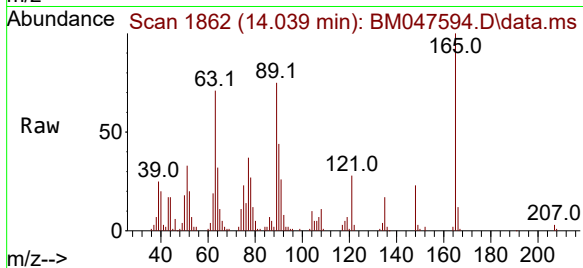




#51
2,6-Dinitrotoluene
Concen: 5.287 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

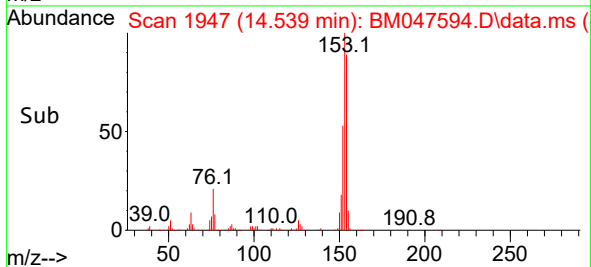
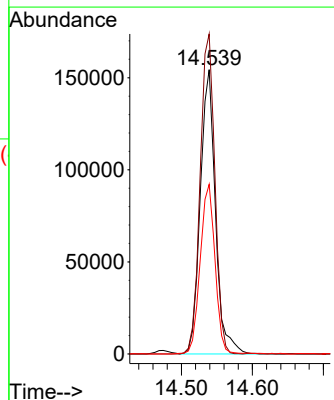
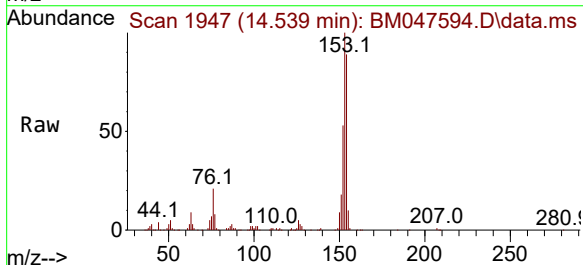
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

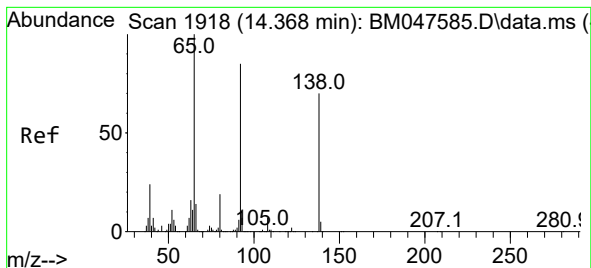
Tgt Ion:165 Resp: 49534
Ion Ratio Lower Upper
165 100
63 71.5 53.0 79.6
89 75.1 56.4 84.6



#52
Acenaphthene
Concen: 6.175 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:154 Resp: 229749
Ion Ratio Lower Upper
154 100
153 112.6 92.8 139.2
152 59.7 45.7 68.5





#53

3-Nitroaniline

Concen: 5.401 ng

RT: 14.363 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

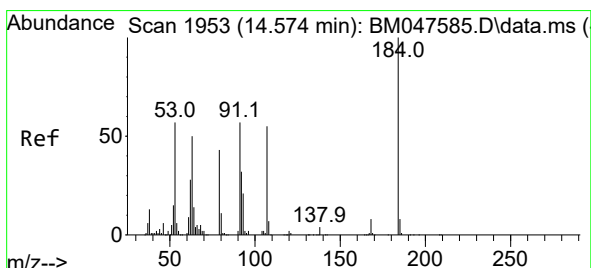
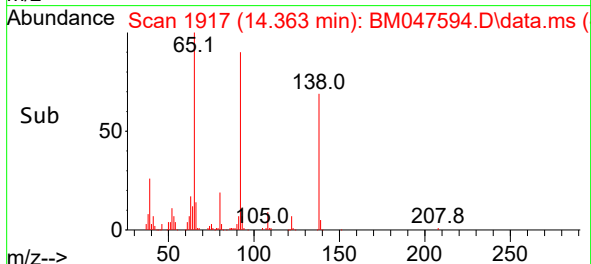
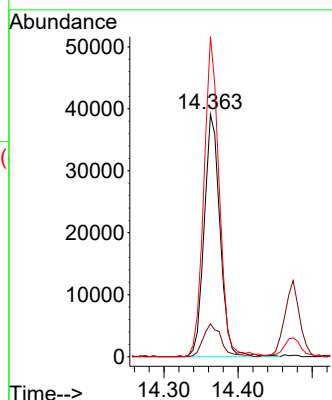
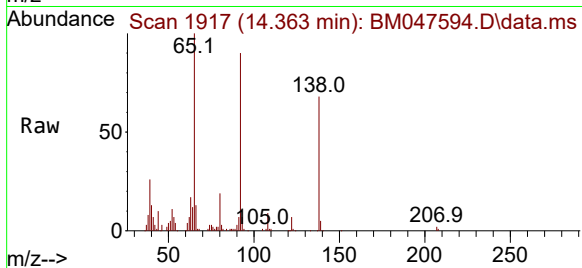
Tgt Ion:138 Resp: 58035

Ion Ratio Lower Upper

138 100

108 13.5 8.3 12.5#

92 132.1 97.0 145.6



#54

2,4-Dinitrophenol

Concen: 3.690 ng

RT: 14.568 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

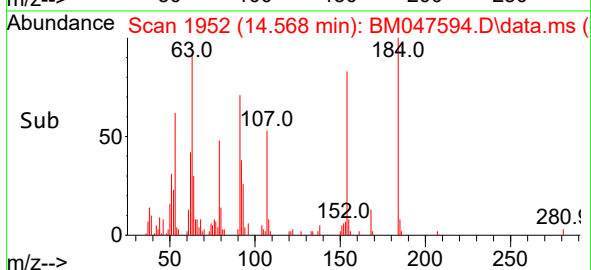
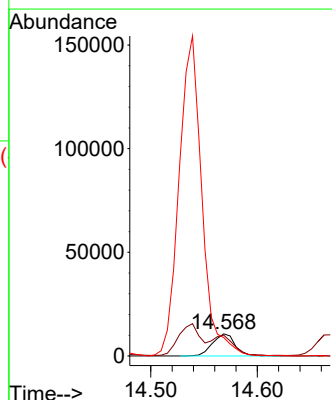
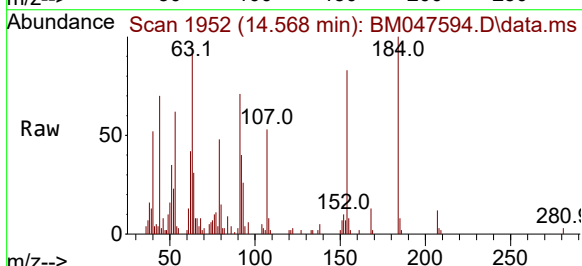
Tgt Ion:184 Resp: 15673

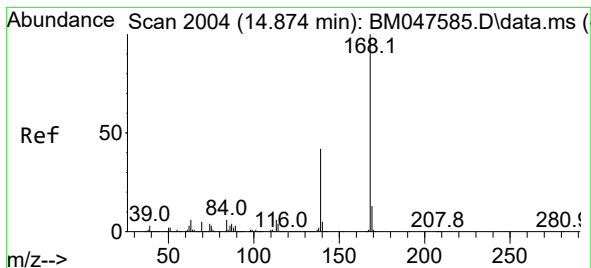
Ion Ratio Lower Upper

184 100

63 94.2 69.0 103.6

154 83.3 59.7 89.5





#55

Dibenzenofuran

Concen: 6.394 ng

RT: 14.868 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

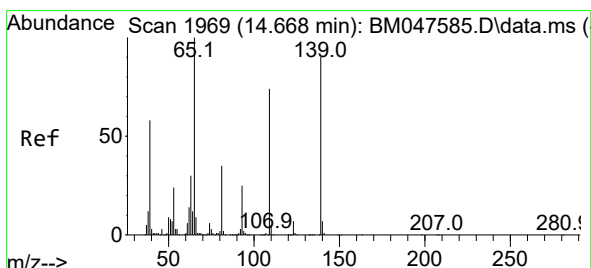
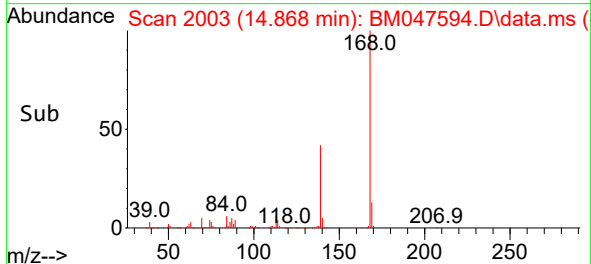
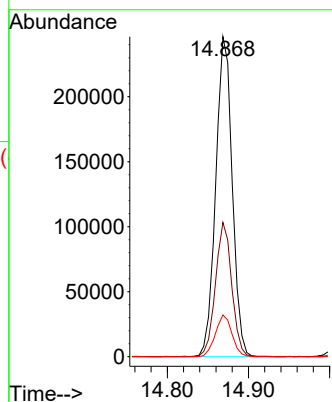
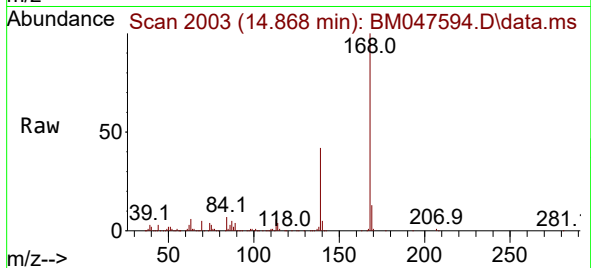
Tgt Ion:168 Resp: 347666

Ion Ratio Lower Upper

168 100

139 41.9 33.4 50.2

169 13.0 10.4 15.6



#56

4-Nitrophenol

Concen: 5.007 ng

RT: 14.668 min Scan# 1969

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

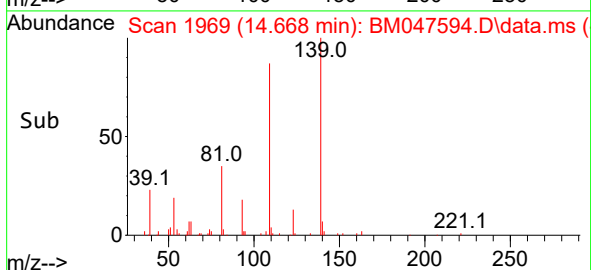
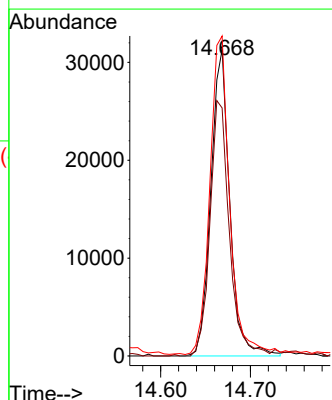
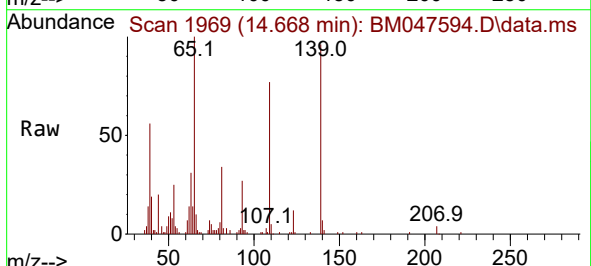
Tgt Ion:139 Resp: 46103

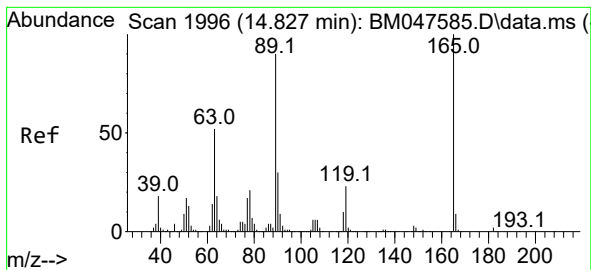
Ion Ratio Lower Upper

139 100

109 80.9 63.1 103.1

65 104.4 91.8 131.8





#57

2,4-Dinitrotoluene

Concen: 4.811 ng

RT: 14.821 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:165 Resp: 60058

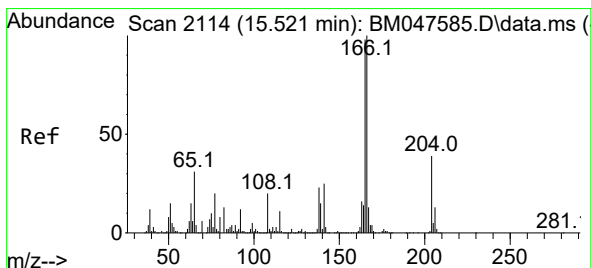
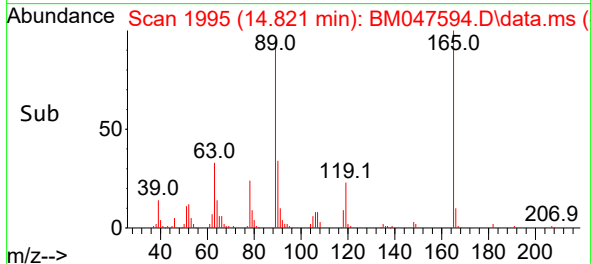
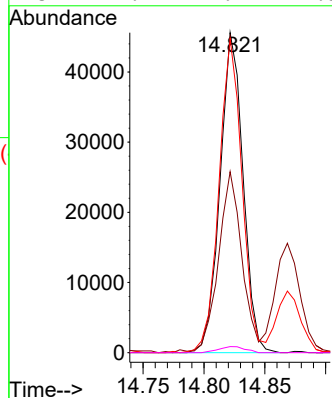
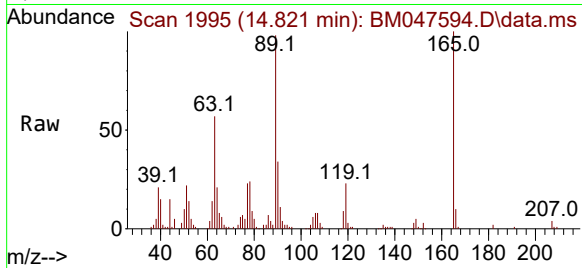
Ion Ratio Lower Upper

165 100

63 56.5 41.6 62.4

89 98.2 71.7 107.5

182 1.9 1.7 2.5



#58

Fluorene

Concen: 5.729 ng

RT: 15.515 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

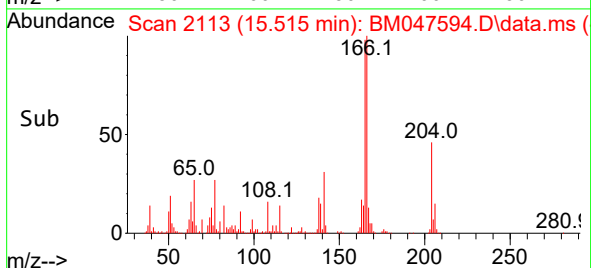
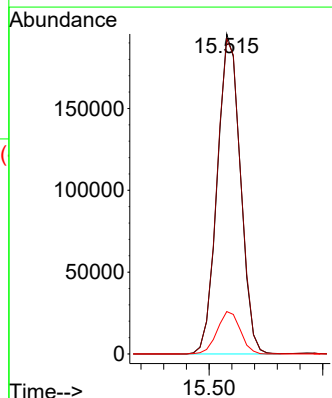
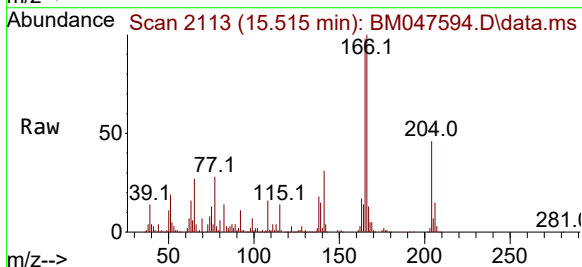
Tgt Ion:166 Resp: 275710

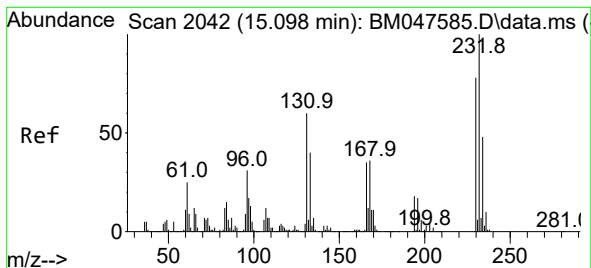
Ion Ratio Lower Upper

166 100

165 98.4 78.4 117.6

167 13.3 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 5.625 ng

RT: 15.092 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:232 Resp: 53685

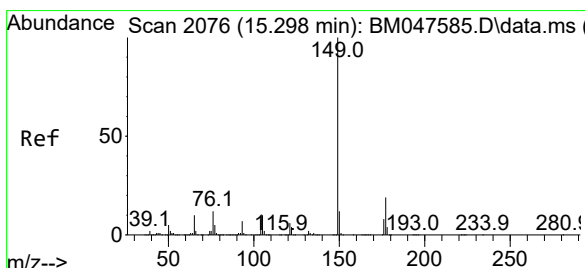
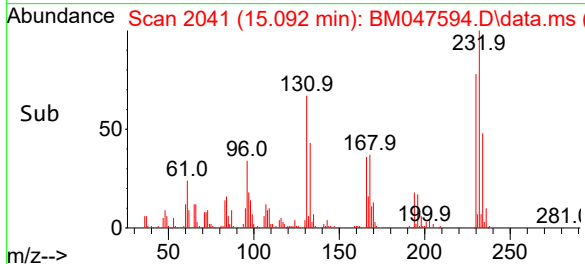
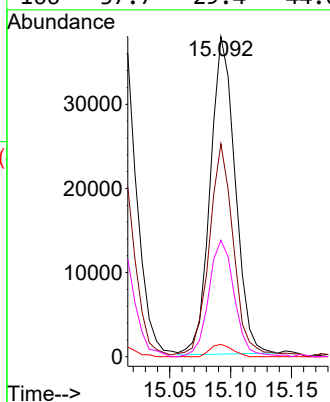
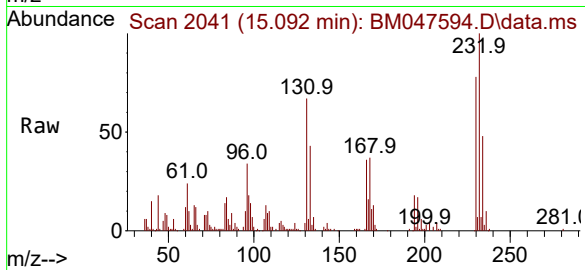
Ion Ratio Lower Upper

232 100

131 66.6 50.3 75.5

130 3.5 3.0 4.4

166 37.7 29.4 44.0



#60

Diethylphthalate

Concen: 5.908 ng

RT: 15.292 min Scan# 2075

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

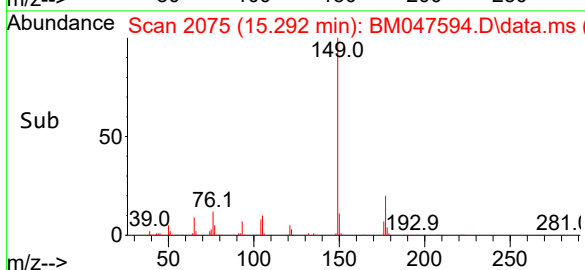
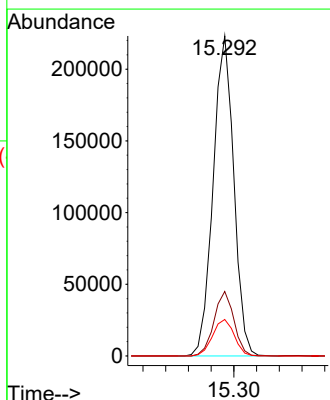
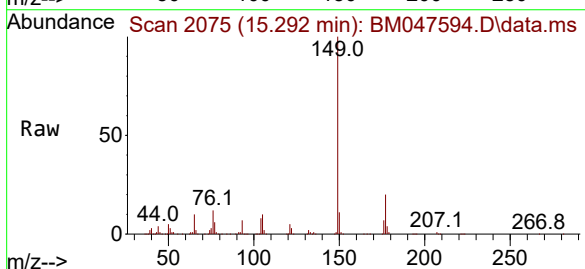
Tgt Ion:149 Resp: 281678

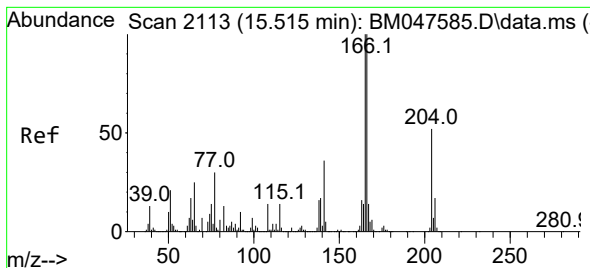
Ion Ratio Lower Upper

149 100

177 20.2 15.4 23.0

150 11.4 9.4 14.0

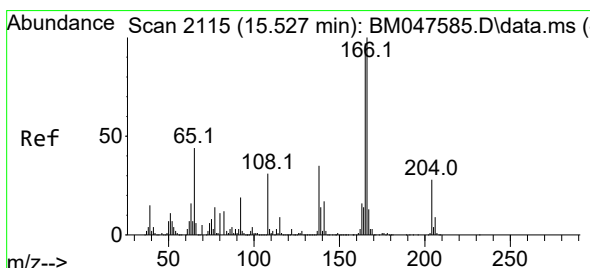
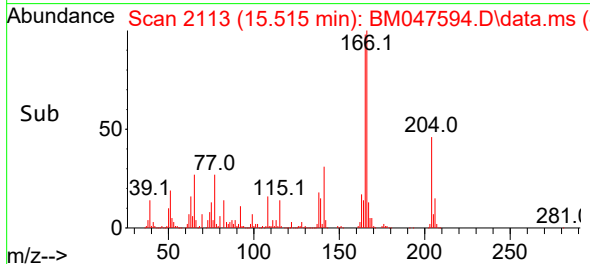
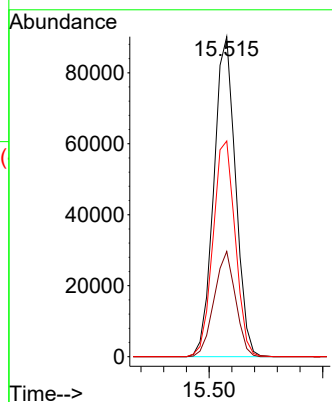
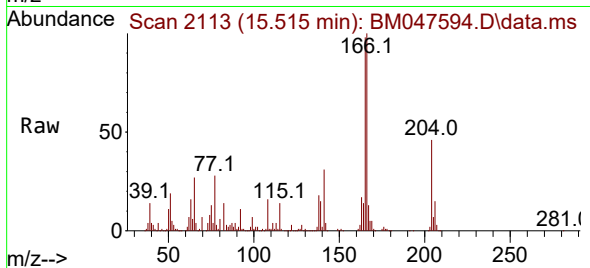




#61
4-Chlorophenyl-phenylether
Concen: 5.697 ng
RT: 15.515 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

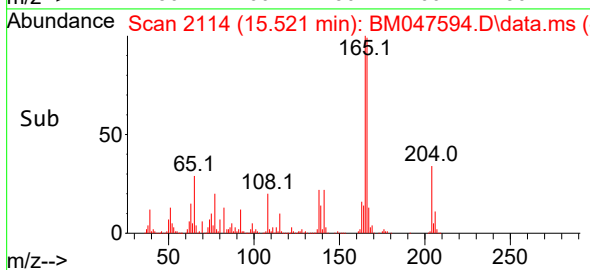
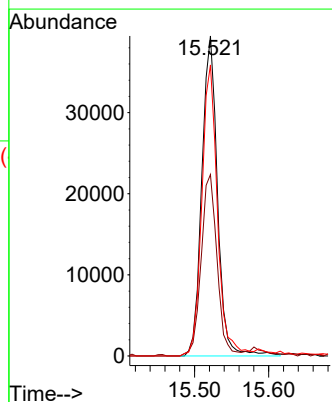
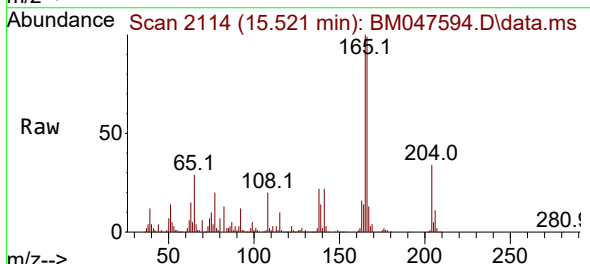
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

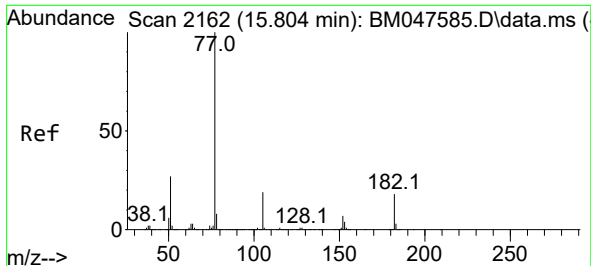
Tgt Ion:204 Resp: 119791
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 67.4 55.3 82.9



#62
4-Nitroaniline
Concen: 4.797 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:138 Resp: 58079
Ion Ratio Lower Upper
138 100
92 56.7 33.3 73.3
108 90.9 66.2 106.2

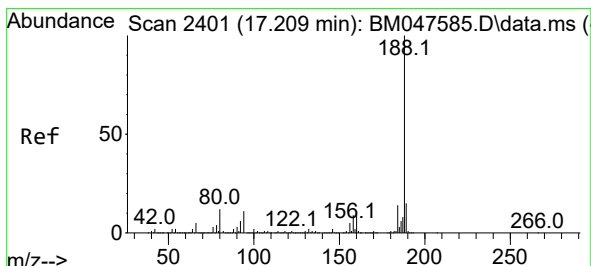
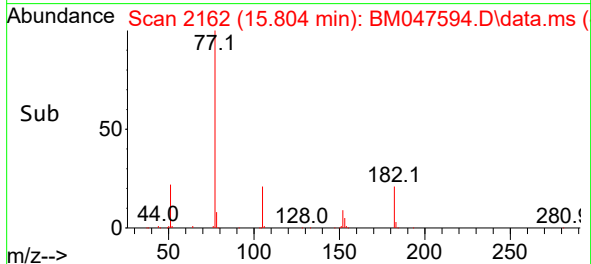
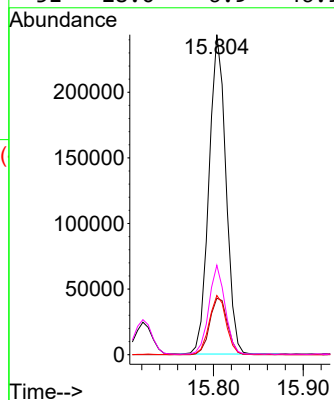
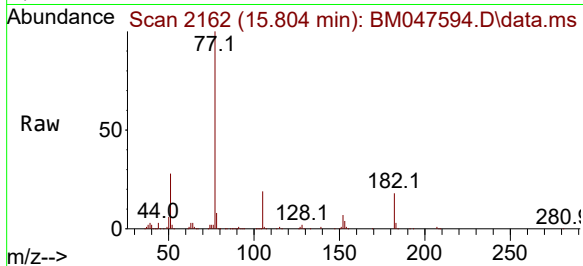




#63
Azobenzene
Concen: 6.119 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

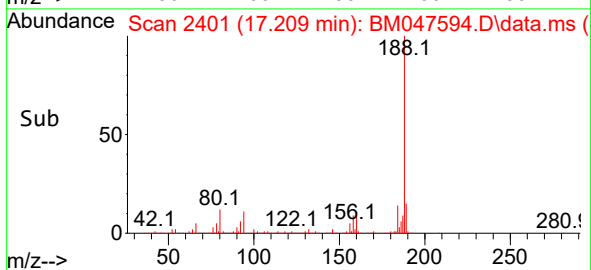
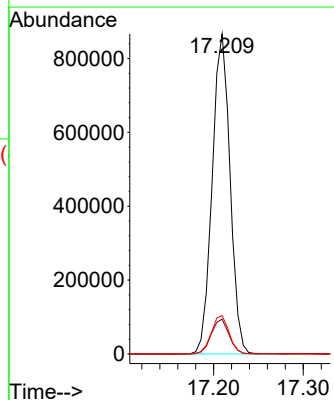
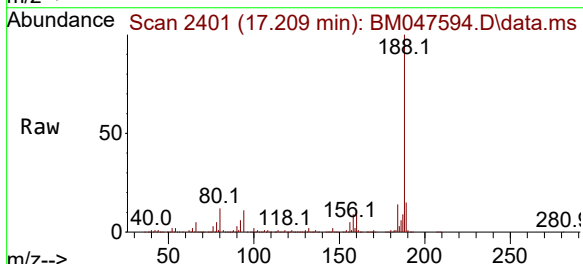
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

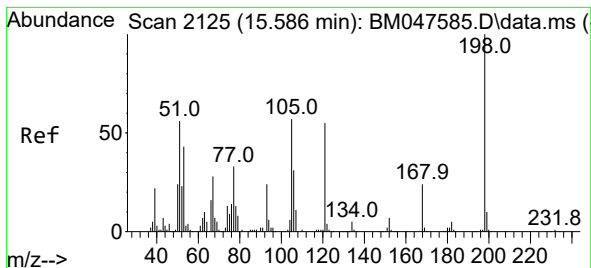
Tgt Ion:	77	Resp:	318924
Ion	Ratio	Lower	Upper
77	100		
182	17.7	0.0	38.2
105	18.5	0.0	38.8
51	28.0	6.9	46.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:	188	Resp:	1196884
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.6	13.0
80	12.0	9.9	14.9

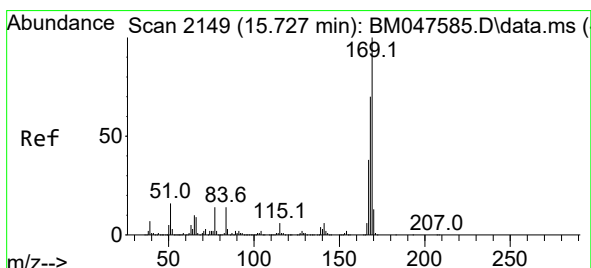
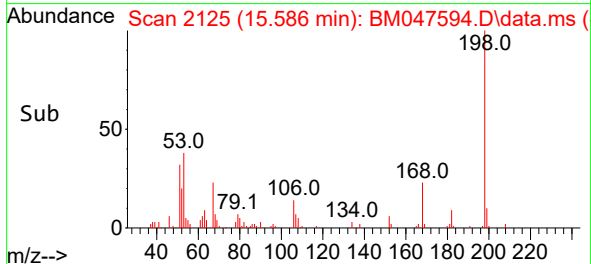
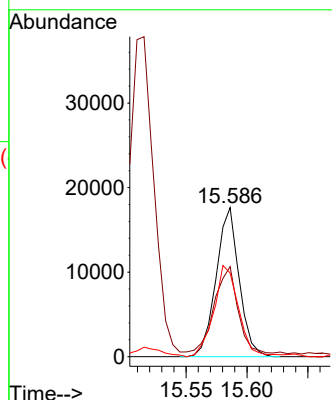
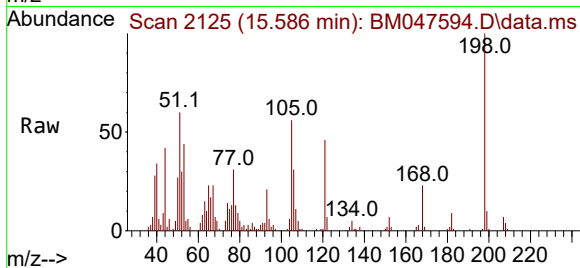




#65
4,6-Dinitro-2-methylphenol
Concen: 4.074 ng
RT: 15.586 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

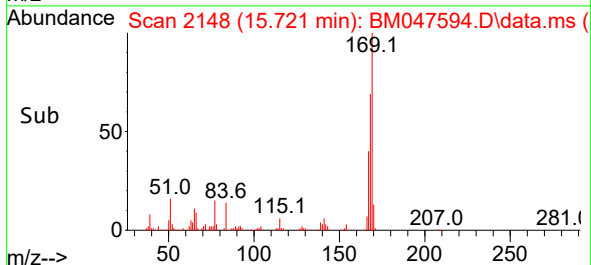
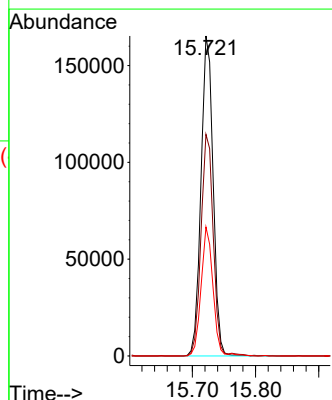
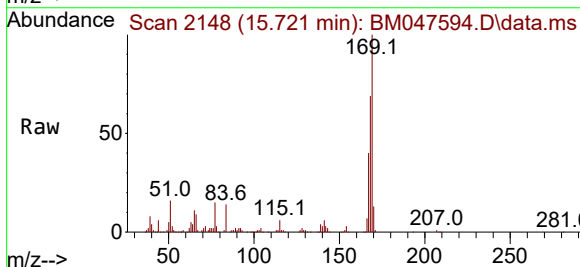
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

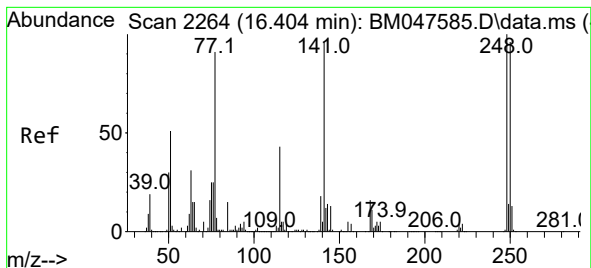
Tgt Ion:198 Resp: 23107
Ion Ratio Lower Upper
198 100
51 60.4 38.2 78.2
105 56.1 38.0 78.0



#66
n-Nitrosodiphenylamine
Concen: 6.153 ng
RT: 15.721 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:169 Resp: 219957
Ion Ratio Lower Upper
169 100
168 69.2 55.8 83.8
167 40.3 30.7 46.1

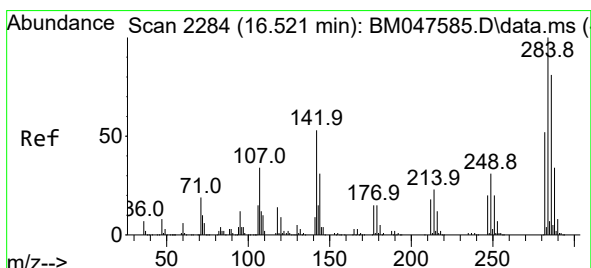
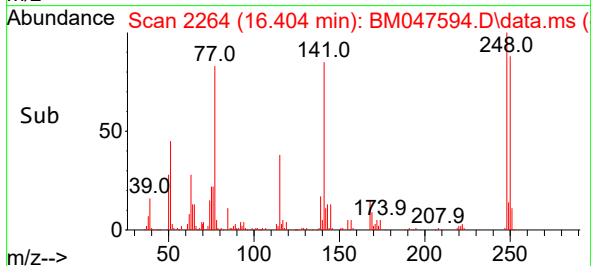
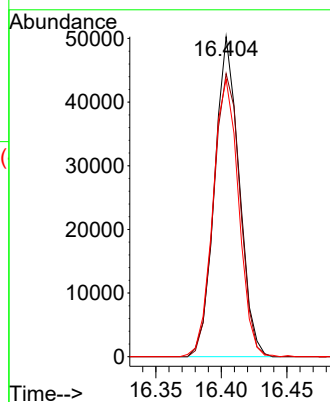
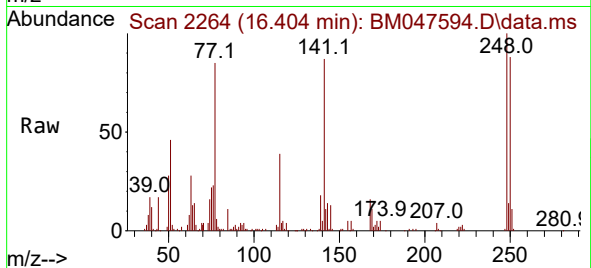




#67
4-Bromophenyl-phenylether
Concen: 6.019 ng
RT: 16.404 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

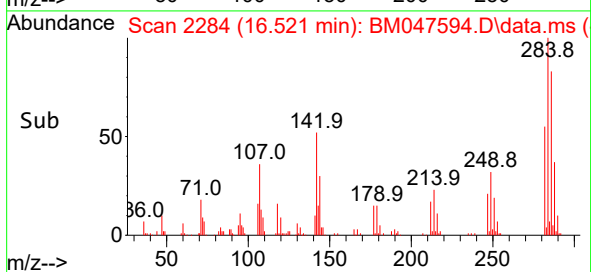
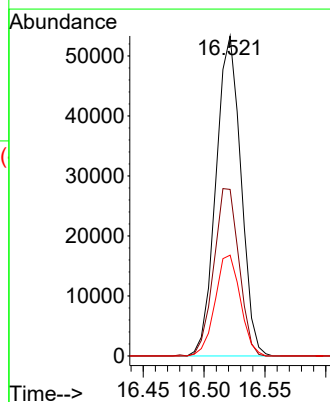
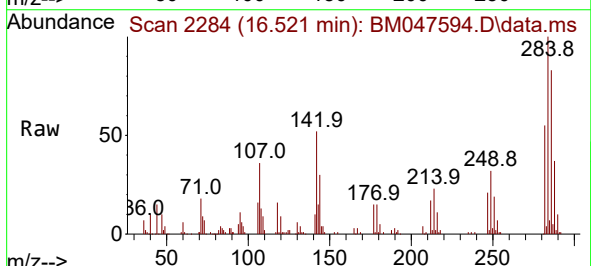
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

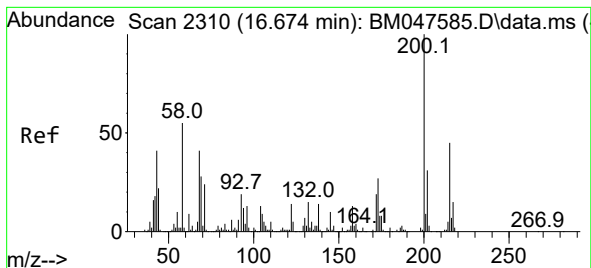
Tgt Ion:248 Resp: 65441
Ion Ratio Lower Upper
248 100
250 88.5 76.7 115.1
141 86.7 76.7 115.1



#68
Hexachlorobenzene
Concen: 5.981 ng
RT: 16.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:284 Resp: 76021
Ion Ratio Lower Upper
284 100
142 52.1 42.5 63.7
249 31.5 25.0 37.6





#69

Atrazine

Concen: 7.006 ng

RT: 16.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

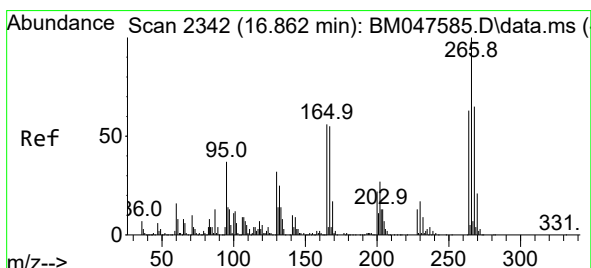
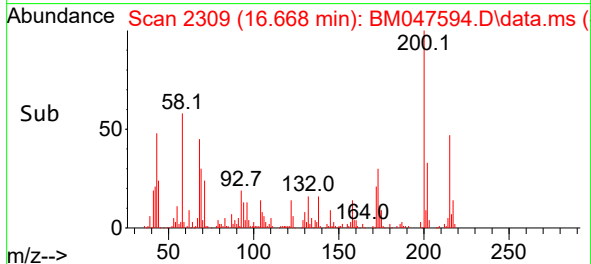
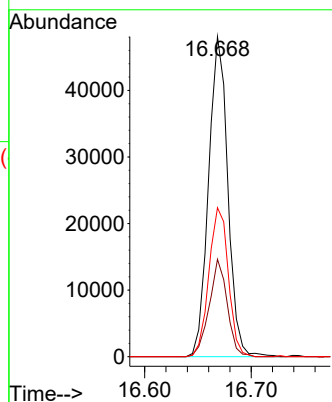
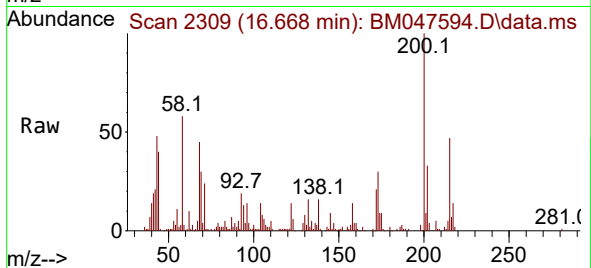
Tgt Ion:200 Resp: 60294

Ion Ratio Lower Upper

200 100

173 30.5 7.4 47.4

215 46.6 24.5 64.5



#70

Pentachlorophenol

Concen: 4.725 ng

RT: 16.857 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

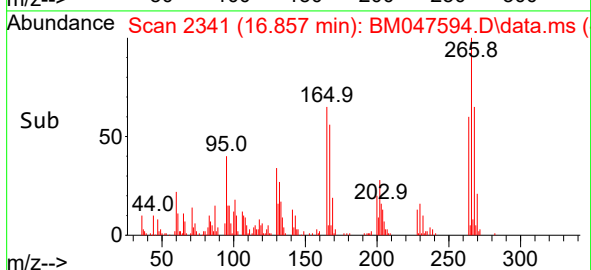
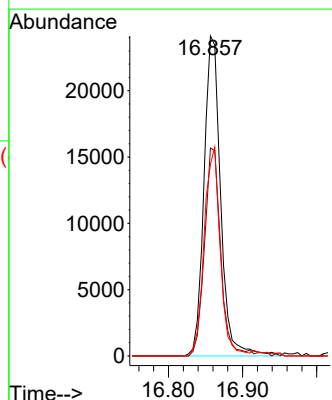
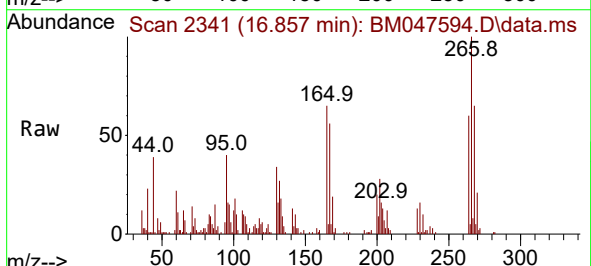
Tgt Ion:266 Resp: 37693

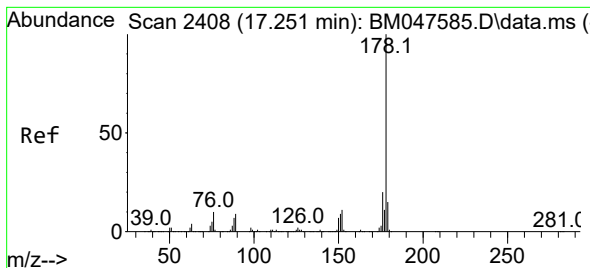
Ion Ratio Lower Upper

266 100

268 65.0 52.2 78.4

264 59.8 50.0 75.0





#71

Phenanthrene

Concen: 6.260 ng

RT: 17.251 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

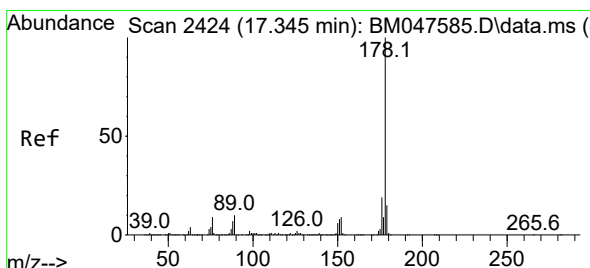
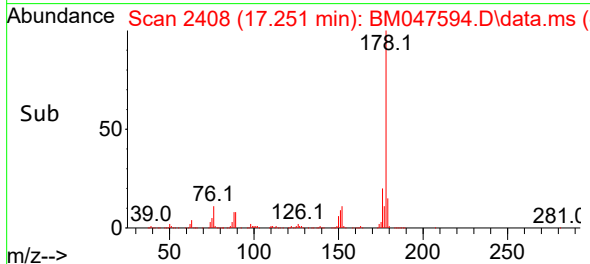
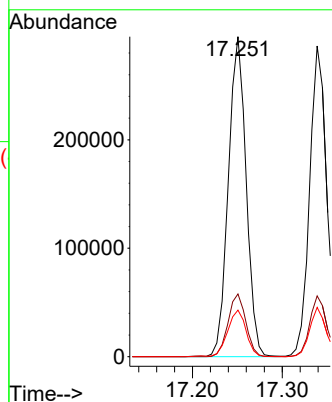
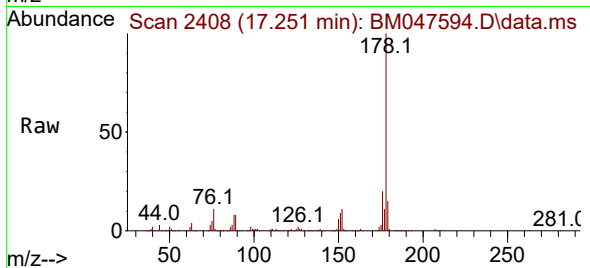
Tgt Ion:178 Resp: 406680

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 14.6 12.2 18.2



#72

Anthracene

Concen: 6.225 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

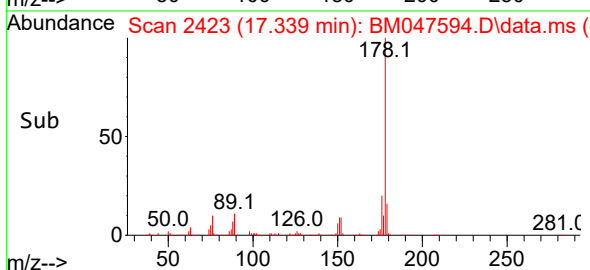
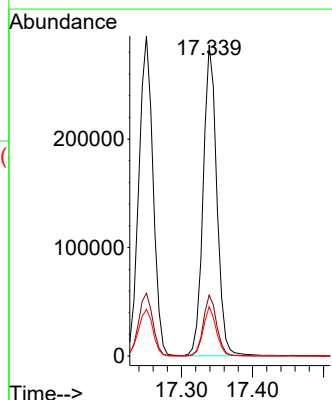
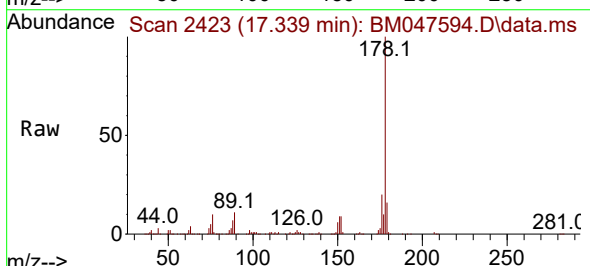
Tgt Ion:178 Resp: 383150

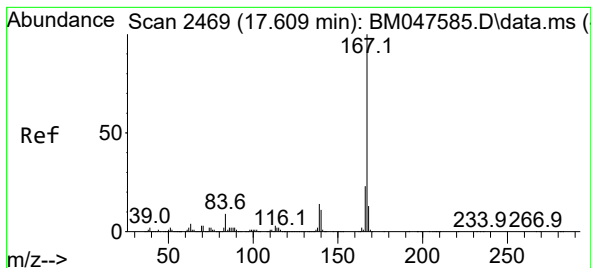
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.9 12.2 18.2





#73

Carbazole

Concen: 5.817 ng

RT: 17.604 min Scan# 2469

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

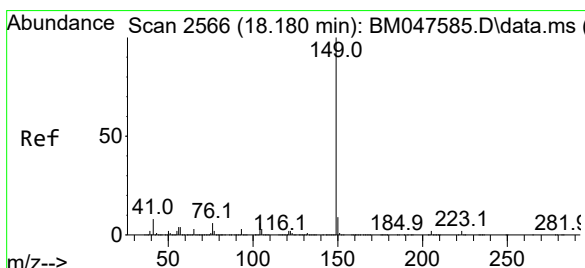
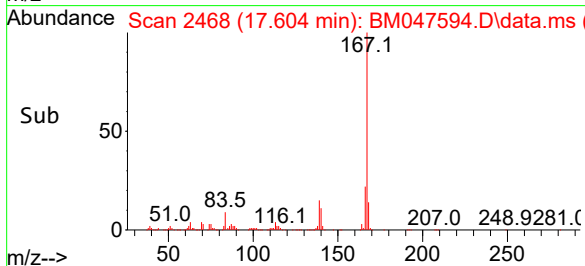
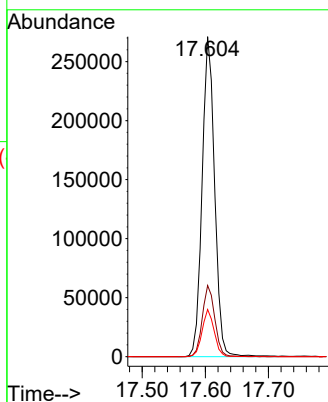
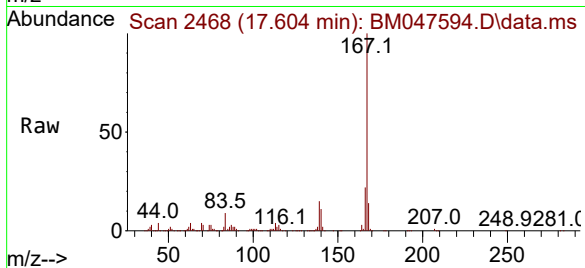
Tgt Ion:167 Resp: 373087

Ion Ratio Lower Upper

167 100

166 22.2 18.0 27.0

139 14.8 11.3 16.9



#74

Di-n-butylphthalate

Concen: 5.322 ng

RT: 18.180 min Scan# 2566

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

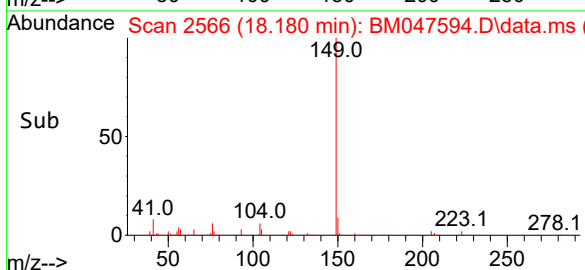
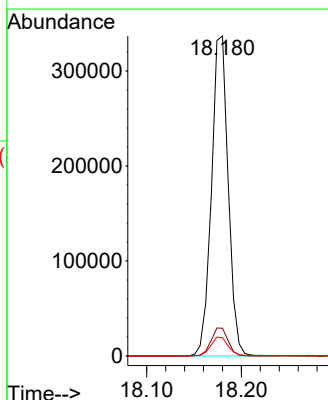
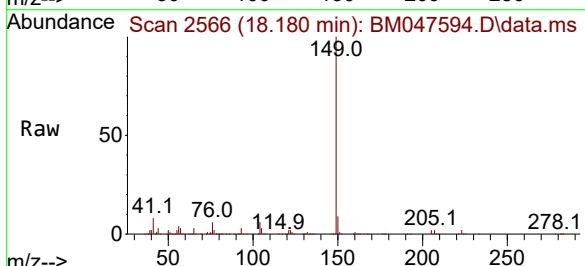
Tgt Ion:149 Resp: 412858

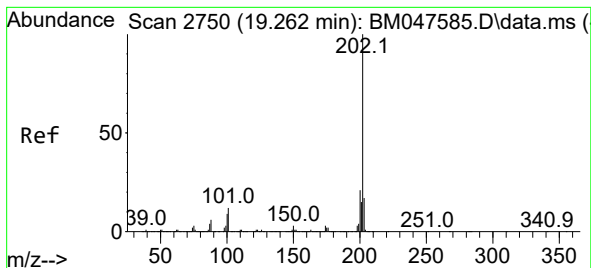
Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.0

104 5.7 4.7 7.1





#75

Fluoranthene

Concen: 5.502 ng

RT: 19.256 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

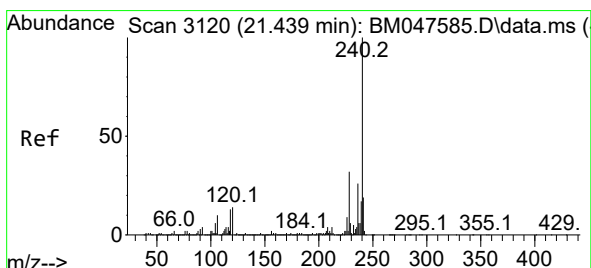
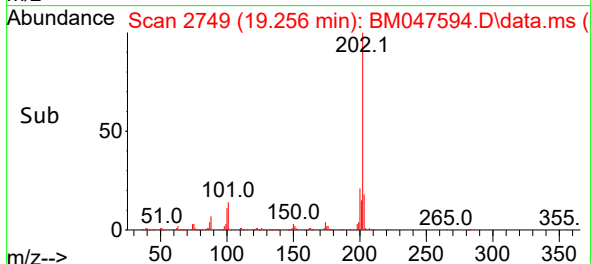
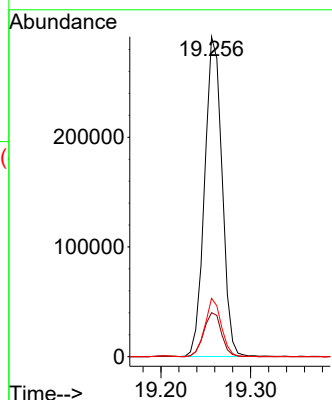
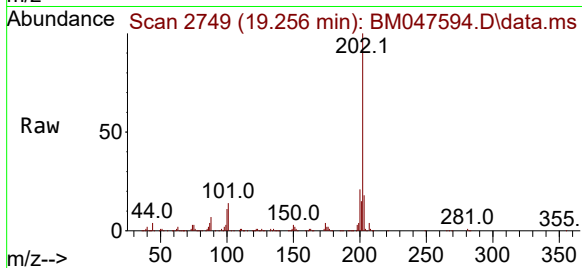
Tgt Ion:202 Resp: 393476

Ion Ratio Lower Upper

202 100

101 13.8 0.0 32.2

203 18.2 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

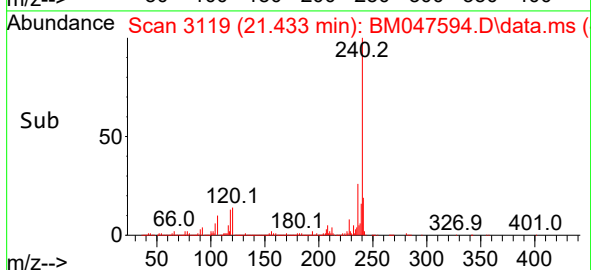
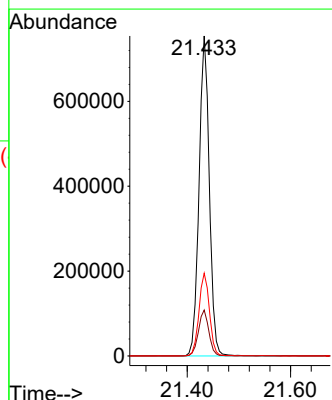
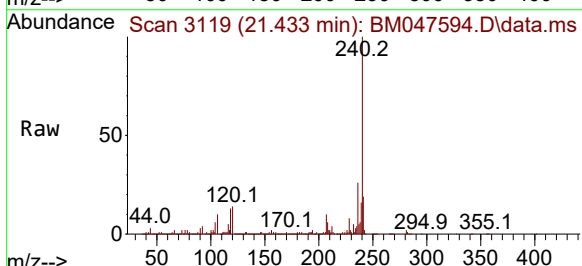
Tgt Ion:240 Resp: 1040049

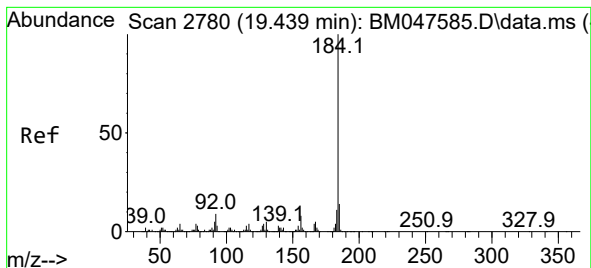
Ion Ratio Lower Upper

240 100

120 14.4 10.8 16.2

236 25.8 20.8 31.2





#77

Benzidine

Concen: 11.258 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

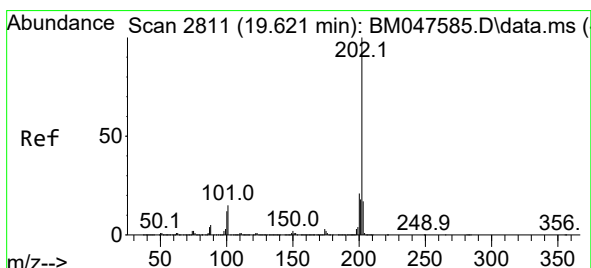
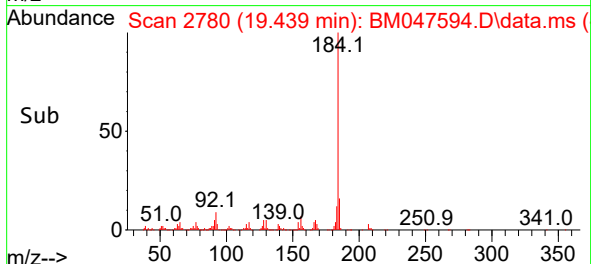
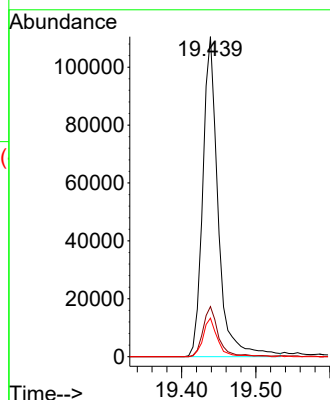
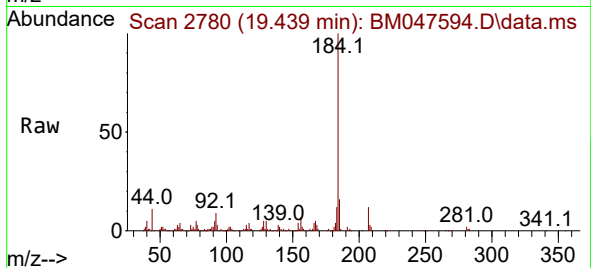
Tgt Ion:184 Resp: 159459

Ion Ratio Lower Upper

184 100

185 15.6 11.5 17.3

183 12.1 8.7 13.1



#78

Pyrene

Concen: 5.784 ng

RT: 19.621 min Scan# 2811

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

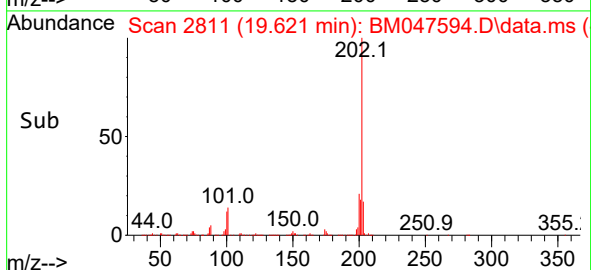
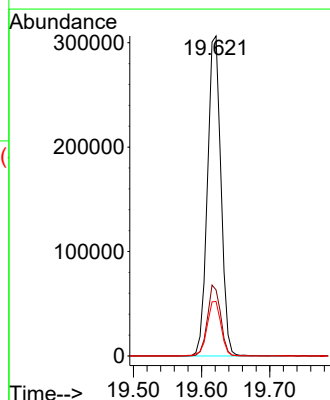
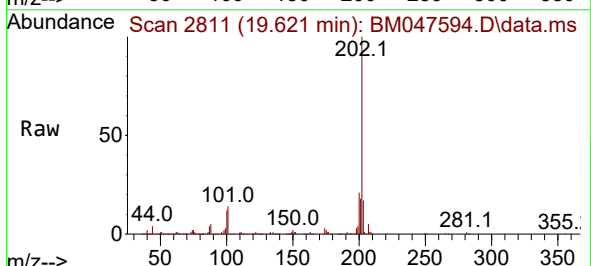
Tgt Ion:202 Resp: 421075

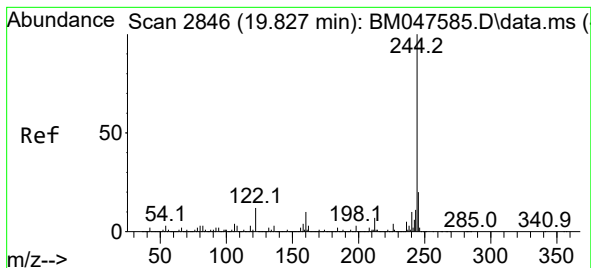
Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

203 17.0 13.8 20.8





#79

Terphenyl-d14

Concen: 71.232 ng

RT: 19.827 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM047594.D

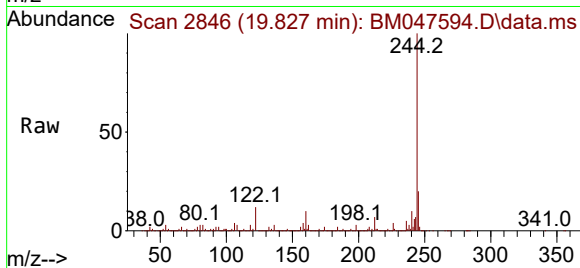
Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024



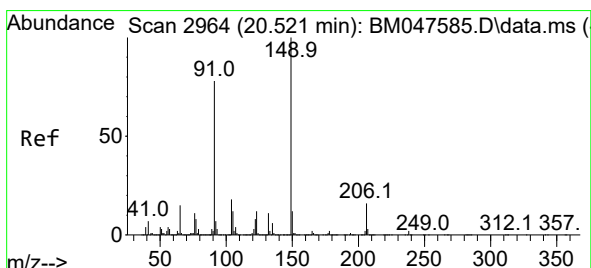
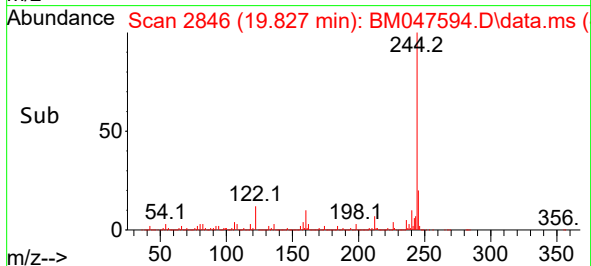
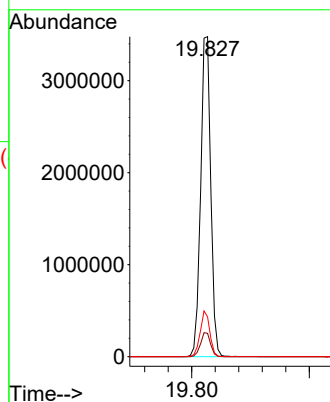
Tgt Ion:244 Resp: 4128979

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 12.4 10.0 15.0



#80

Butylbenzylphthalate

Concen: 5.064 ng

RT: 20.515 min Scan# 2963

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

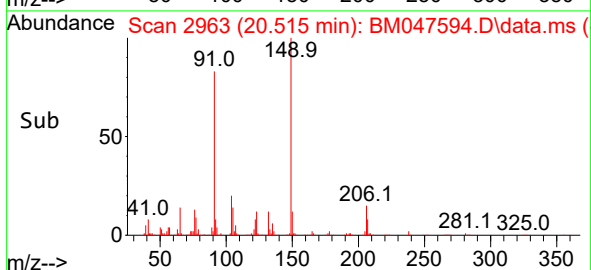
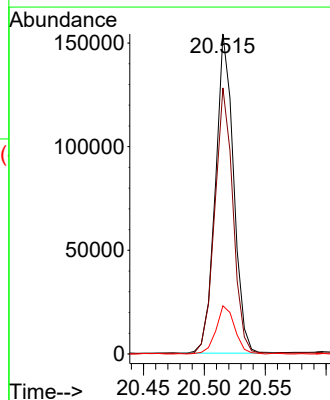
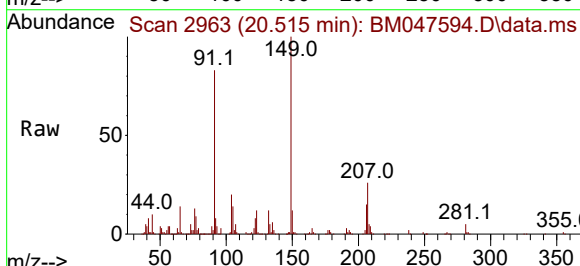
Tgt Ion:149 Resp: 160495

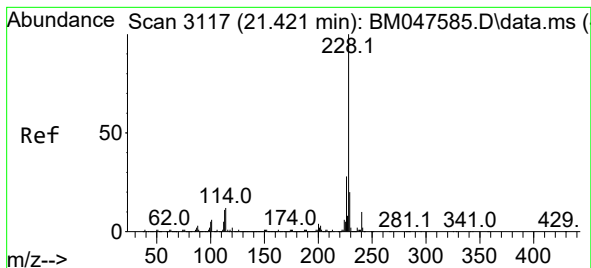
Ion Ratio Lower Upper

149 100

91 83.2 62.3 93.5

206 15.0 13.0 19.6





#81

Benzo(a)anthracene

Concen: 6.244 ng

RT: 21.415 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

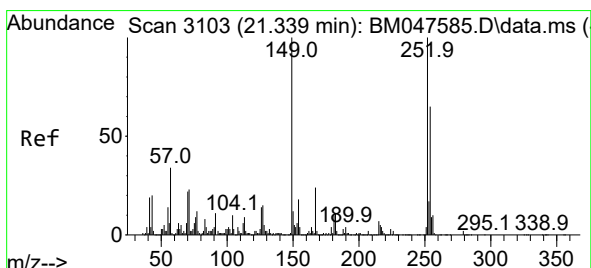
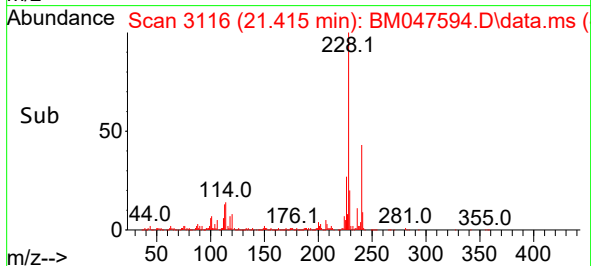
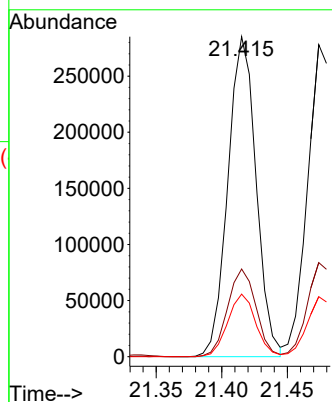
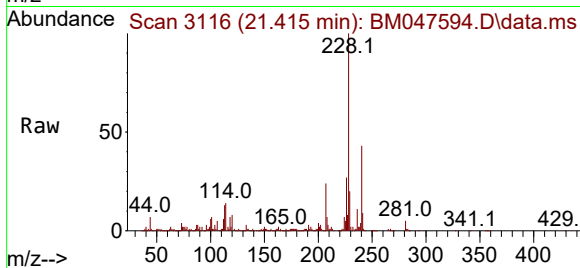
Tgt Ion:228 Resp: 426985

Ion Ratio Lower Upper

228 100

226 27.4 22.4 33.6

229 19.6 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 5.604 ng

RT: 21.339 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

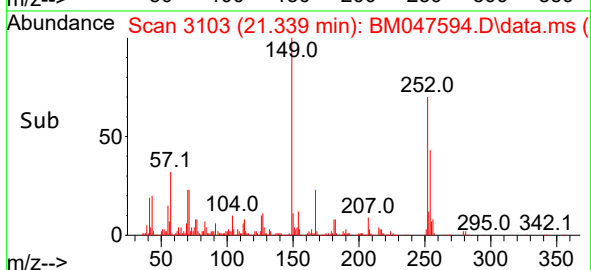
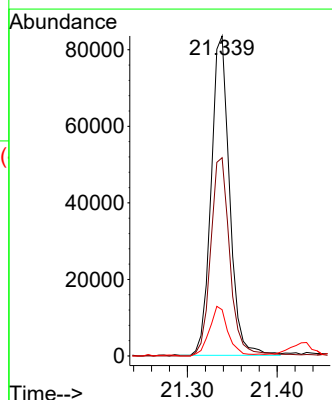
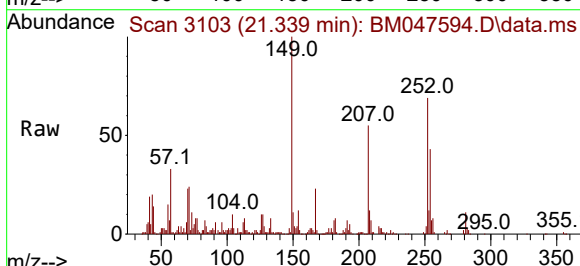
Tgt Ion:252 Resp: 119026

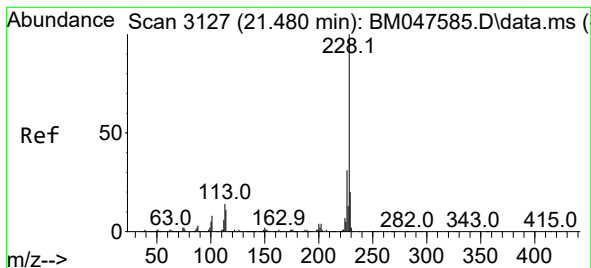
Ion Ratio Lower Upper

252 100

254 62.0 52.3 78.5

126 14.5 11.4 17.0





#83

Chrysene

Concen: 6.364 ng

RT: 21.474 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

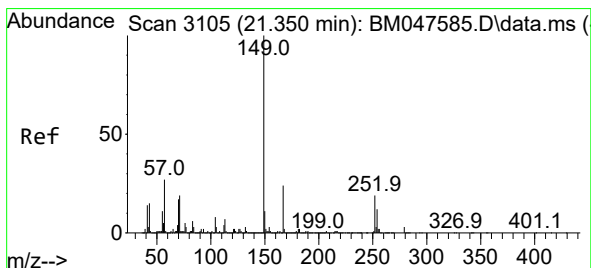
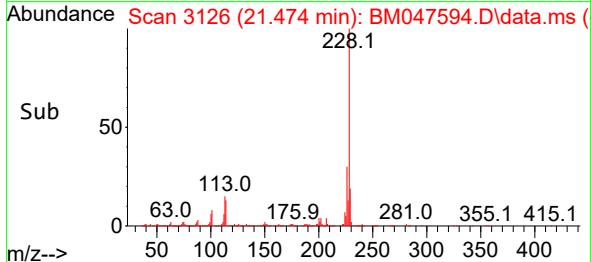
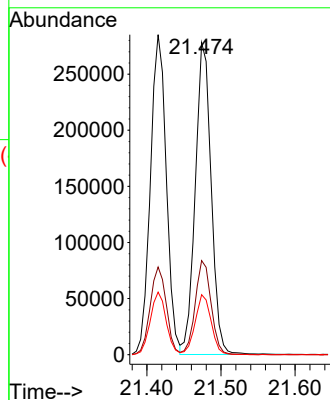
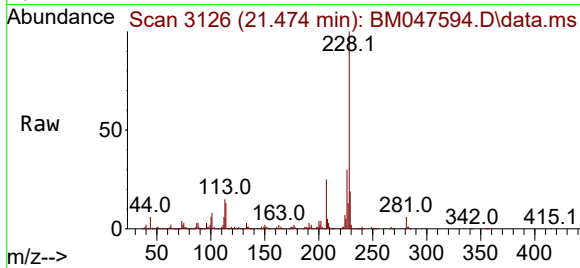
Tgt Ion:228 Resp: 413883

Ion Ratio Lower Upper

228 100

226 30.2 24.9 37.3

229 19.2 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.014 ng

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

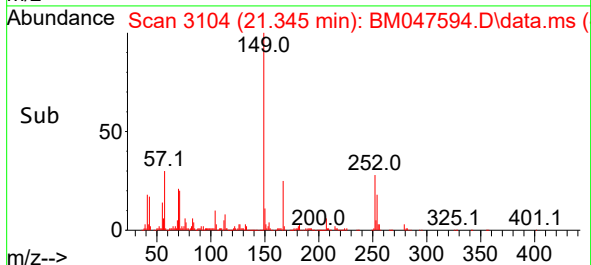
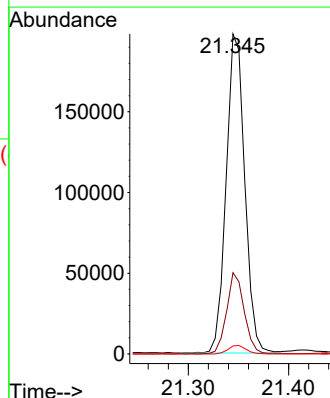
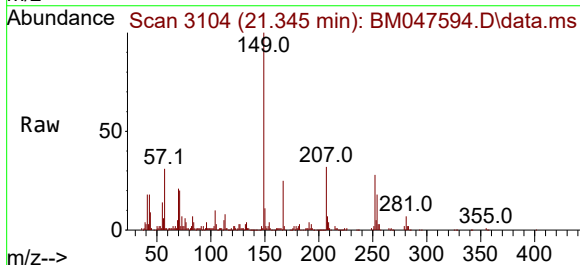
Tgt Ion:149 Resp: 254146

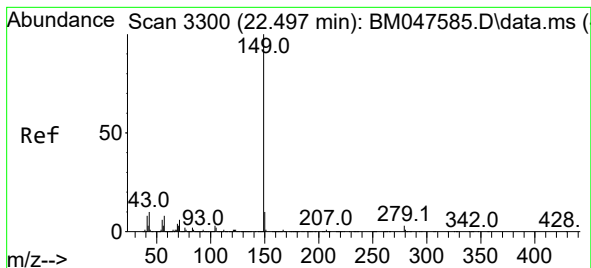
Ion Ratio Lower Upper

149 100

167 25.4 19.5 29.3

279 2.5 2.3 3.5





#85

Di-n-octyl phthalate

Concen: 4.786 ng

RT: 22.491 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

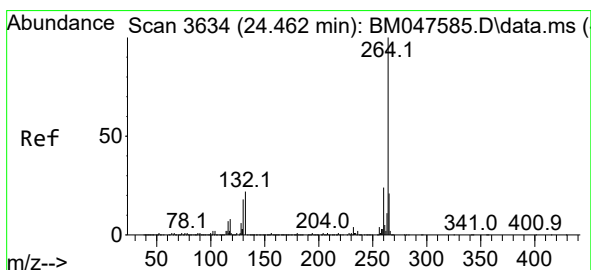
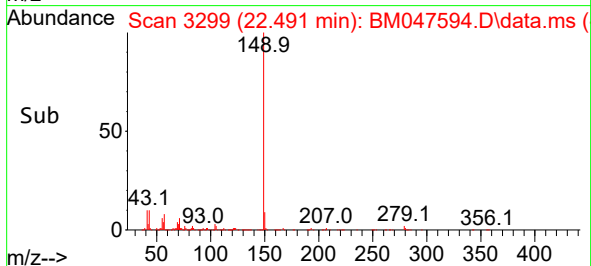
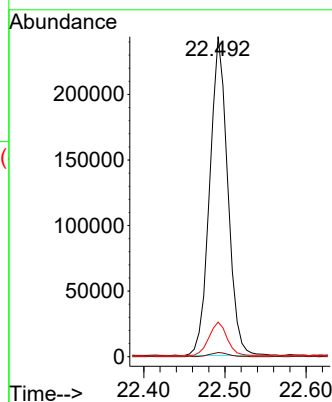
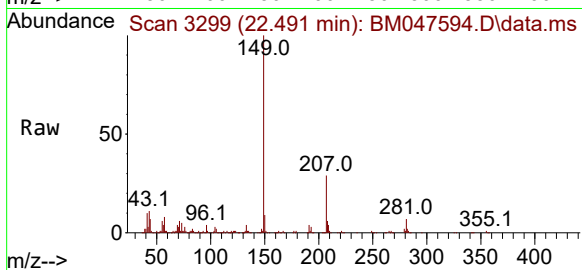
Tgt Ion:149 Resp: 374380

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 11.1 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3633

Delta R.T. -0.006 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

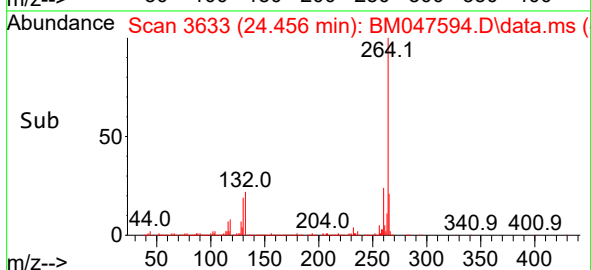
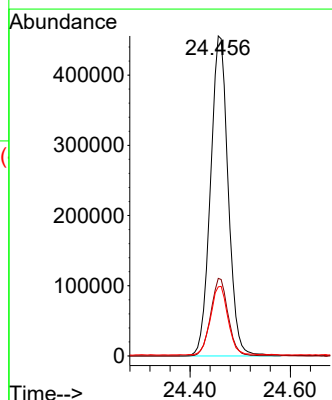
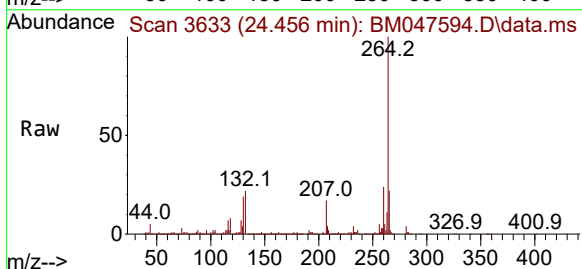
Tgt Ion:264 Resp: 1116061

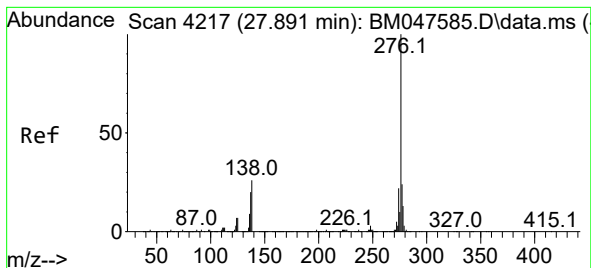
Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 21.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.214 ng

RT: 27.868 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

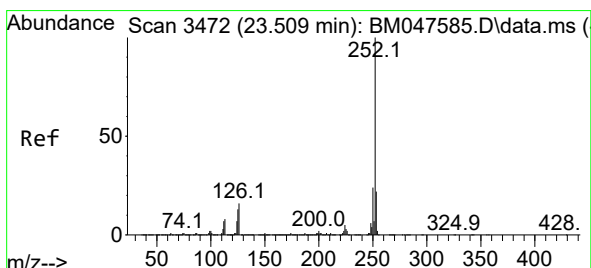
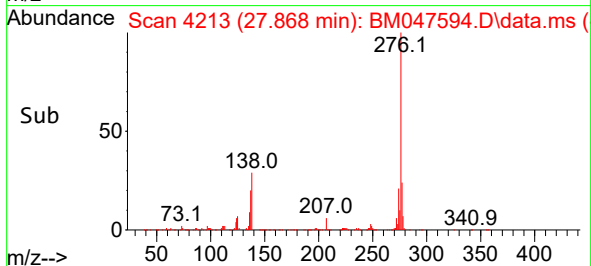
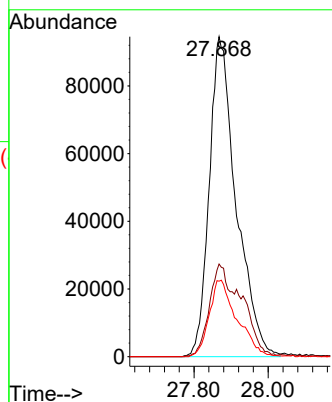
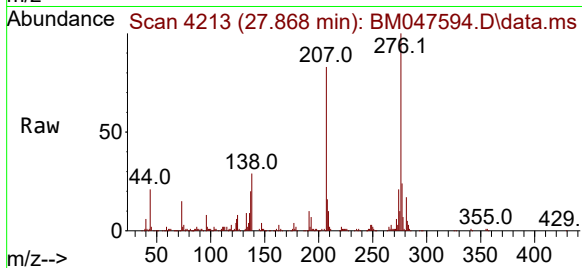
Tgt Ion:276 Resp: 476917

Ion Ratio Lower Upper

276 100

138 34.5 18.1 27.1#

277 24.8 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 5.751 ng

RT: 23.497 min Scan# 3470

Delta R.T. -0.012 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

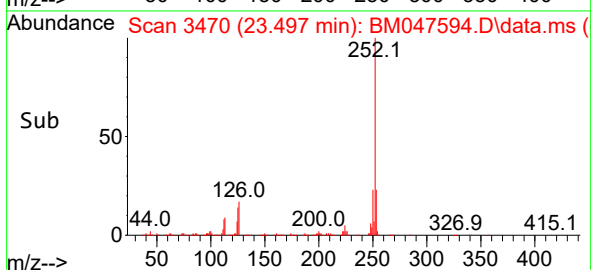
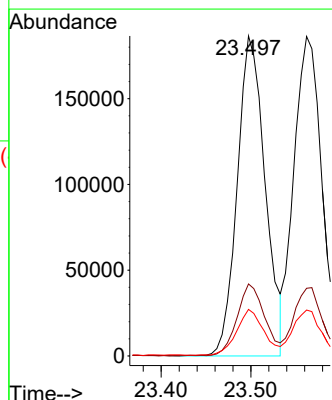
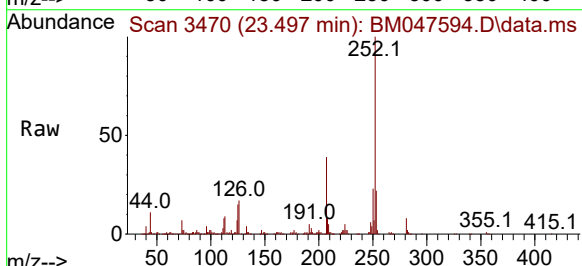
Tgt Ion:252 Resp: 403381

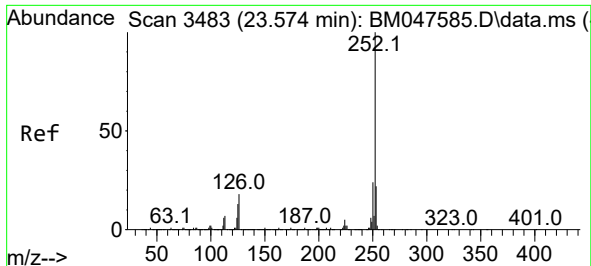
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 14.5 10.2 15.2

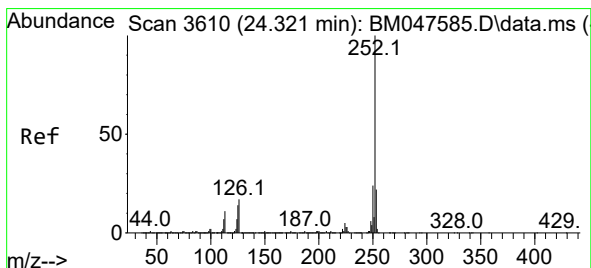
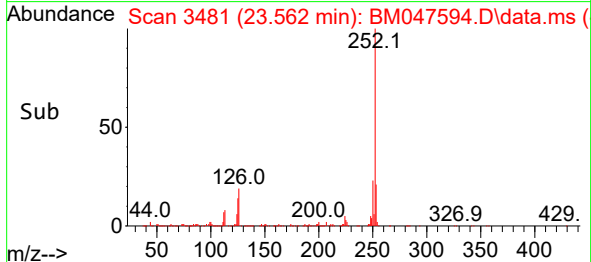
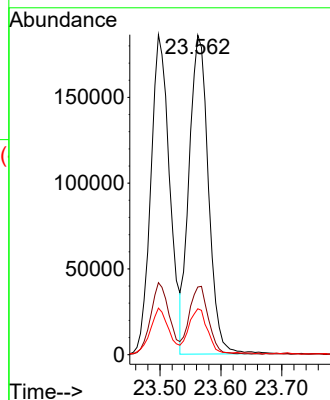
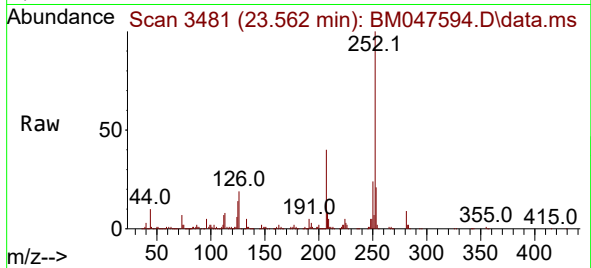




#89
Benzo(k)fluoranthene
Concen: 5.942 ng
RT: 23.562 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

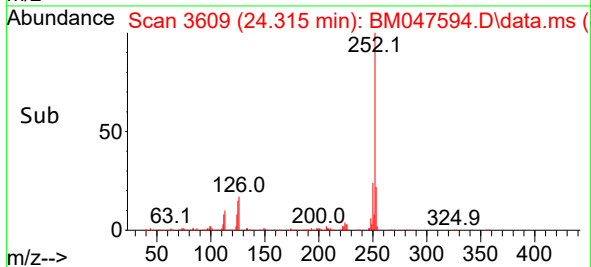
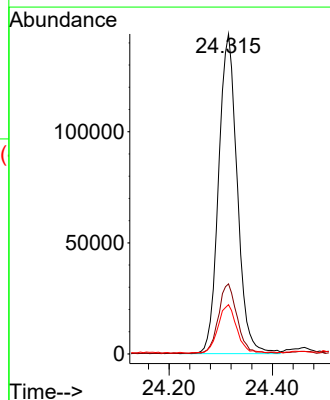
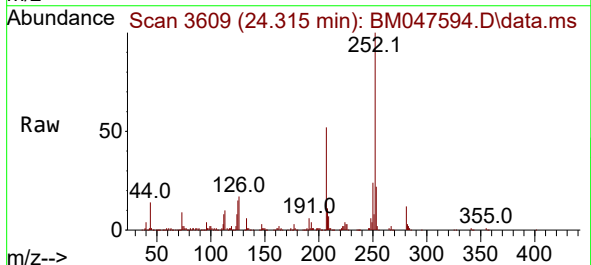
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

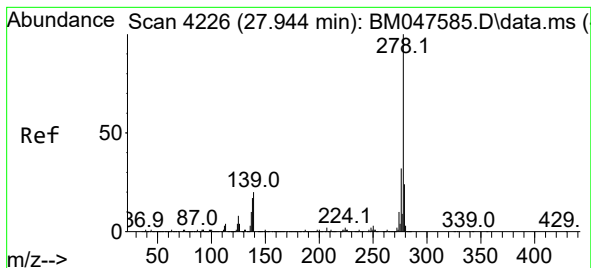
Tgt Ion:252 Resp: 409132
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 14.4 10.2 15.4



#90
Benzo(a)pyrene
Concen: 6.043 ng
RT: 24.315 min Scan# 3609
Delta R.T. -0.006 min
Lab File: BM047594.D
Acq: 20 Sep 2024 18:20

Tgt Ion:252 Resp: 359390
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 15.4 11.5 17.3





#91

Dibenzo(a,h)anthracene

Concen: 6.120 ng

RT: 27.932 min Scan# 4393

Delta R.T. -0.012 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2024

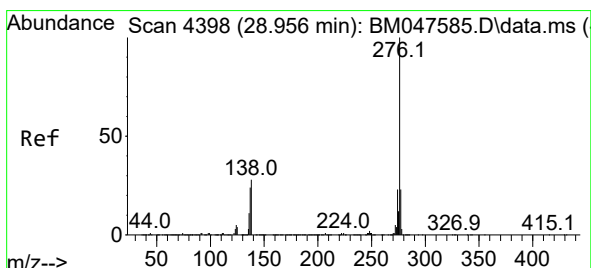
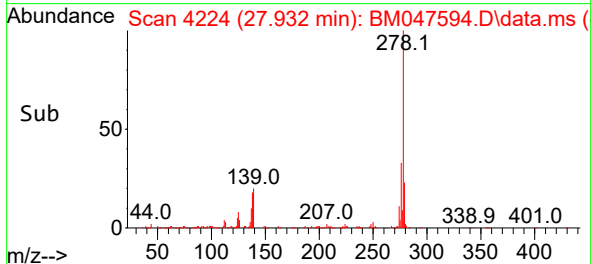
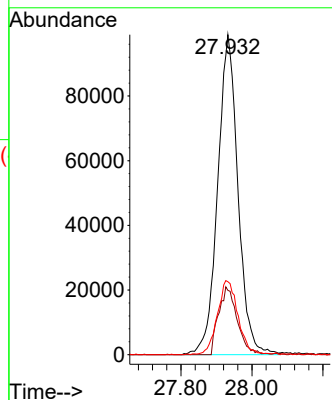
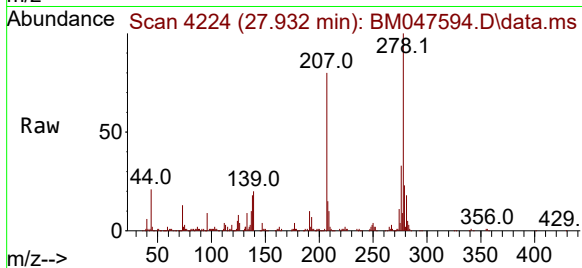
Tgt Ion:278 Resp: 392317

Ion Ratio Lower Upper

278 100

139 20.1 16.4 24.6

279 22.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 5.840 ng

RT: 28.926 min Scan# 4393

Delta R.T. -0.029 min

Lab File: BM047594.D

Acq: 20 Sep 2024 18:20

Tgt Ion:276 Resp: 375201

Ion Ratio Lower Upper

276 100

277 22.6 18.3 27.5

138 27.3 22.3 33.5

