

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141323.D
 Acq On : 31 Jan 2025 11:08
 Operator : RC/JU
 Sample : Q1168-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Quant Time: Jan 31 11:40:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	161766	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	646039	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	354276	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	604042	20.000	ng	0.00
76) Chrysene-d12	13.963	240	394401	20.000	ng	-0.01
86) Perylene-d12	15.427	264	339481	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1102553	104.635	ng	0.00
7) Phenol-d6	6.428	99	1447693	108.000	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1000081	81.606	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	361189	111.207	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1701617	73.929	ng	0.00
79) Terphenyl-d14	12.916	244	1845041	72.145	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	19179	4.139	ng	96
3) Pyridine	3.275	79	36813	3.297	ng	97
4) n-Nitrosodimethylamine	3.157	42	24898	3.903	ng	# 98
6) Aniline	6.463	93	59342	5.230	ng	99
8) 2-Chlorophenol	6.581	128	47628	4.217	ng	# 78
9) Benzaldehyde	6.345	77	40239	5.183	ng	97
10) Phenol	6.439	94	62921	4.428	ng	# 60
11) bis(2-Chloroethyl)ether	6.534	93	50869	4.669	ng	97
12) 1,3-Dichlorobenzene	6.739	146	51598	4.144	ng	98
13) 1,4-Dichlorobenzene	6.816	146	53043	4.240	ng	98
14) 1,2-Dichlorobenzene	6.969	146	49625	4.236	ng	98
15) Benzyl Alcohol	6.939	79	50937	5.560	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.069	45	86229	4.551	ng	99
17) 2-Methylphenol	7.045	107	36179	3.941	ng	99
18) Hexachloroethane	7.310	117	18398	3.987	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	33981	4.266	ng	97
20) 3+4-Methylphenols	7.198	107	47702	4.233	ng	# 81
22) Acetophenone	7.204	105	71492	4.656	ng	97
24) Nitrobenzene	7.381	77	55468	4.368	ng	99
25) Isophorone	7.610	82	91400	4.315	ng	98
26) 2-Nitrophenol	7.692	139	23229	3.878	ng	96
27) 2,4-Dimethylphenol	7.728	122	16050	2.105	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	58594	4.336	ng	98
29) 2,4-Dichlorophenol	7.934	162	36601	3.922	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	44945	4.217	ng	99
31) Naphthalene	8.098	128	146237	4.285	ng	99
32) Benzoic acid	7.786	122	15246	2.175	ng	96
33) 4-Chloroaniline	8.151	127	54500	4.709	ng	98
34) Hexachlorobutadiene	8.222	225	24388	3.902	ng	98
35) Caprolactam	8.475	113	12161	3.990	ng	97
36) 4-Chloro-3-methylphenol	8.628	107	49447	4.939	ng	100
37) 2-Methylnaphthalene	8.792	142	94454	4.354	ng	99
38) 1-Methylnaphthalene	8.892	142	86324	4.051	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	44460	4.411	ng	99
41) Hexachlorocyclopentadiene	8.945	237	6792	2.282	ng	91
43) 2,4,6-Trichlorophenol	9.069	196	26117	3.959	ng	96

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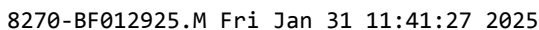
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 MDL-WATER-03-QT1-2025

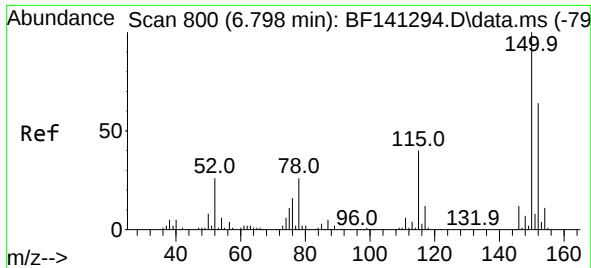
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	28624	3.987	ng	97
46) 1,1'-Biphenyl	9.257	154	127891	4.629	ng	99
47) 2-Chloronaphthalene	9.280	162	88419	4.106	ng	98
48) 2-Nitroaniline	9.375	65	25875	3.820	ng	98
49) Acenaphthylene	9.692	152	137701	4.568	ng	100
50) Dimethylphthalate	9.551	163	102293	4.275	ng	99
51) 2,6-Dinitrotoluene	9.616	165	21524	3.874	ng	99
52) Acenaphthene	9.863	154	96307	4.472	ng	100
53) 3-Nitroaniline	9.780	138	21034	3.863	ng	92
55) Dibenzofuran	10.039	168	127742	4.431	ng	98
56) 4-Nitrophenol	9.945	139	17976	4.514	ng	97
57) 2,4-Dinitrotoluene	10.016	165	32312	4.492	ng	98
58) Fluorene	10.380	166	100962	4.515	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	23662	4.189	ng	# 97
60) Diethylphthalate	10.257	149	100965	4.352	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	48250	4.417	ng	99
62) 4-Nitroaniline	10.392	138	19551	3.652	ng	95
63) Azobenzene	10.539	77	100535	4.329	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	10842	3.035	ng	97
66) n-Nitrosodiphenylamine	10.492	169	86790	4.442	ng	97
67) 4-Bromophenyl-phenylether	10.869	248	28683	4.242	ng	98
68) Hexachlorobenzene	10.927	284	30578	4.263	ng	97
69) Atrazine	11.016	200	27088	4.147	ng	96
70) Pentachlorophenol	11.127	266	19036	4.532	ng	99
71) Phenanthrene	11.345	178	153362	4.723	ng	99
72) Anthracene	11.398	178	147018	4.621	ng	98
73) Carbazole	11.551	167	127352	4.514	ng	99
74) Di-n-butylphthalate	11.886	149	166179	4.861	ng	99
75) Fluoranthene	12.533	202	155498	4.850	ng	99
78) Pyrene	12.763	202	186564	4.928	ng	99
80) Butylbenzylphthalate	13.386	149	60051	4.540	ng	99
81) Benzo(a)anthracene	13.951	228	114108	4.193	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	29780	3.440	ng	99
83) Chrysene	13.986	228	112125	4.495	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	80713	4.811	ng	97
85) Di-n-octyl phthalate	14.574	149	111935	4.295	ng	100
87) Indeno(1,2,3-cd)pyrene	16.868	276	84295	3.847	ng	100
88) Benzo(b)fluoranthene	15.004	252	92973	4.354	ng	99
89) Benzo(k)fluoranthene	15.027	252	86566	4.576	ng	99
90) Benzo(a)pyrene	15.362	252	78515	4.351	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	66271	3.759	ng	99
92) Benzo(g,h,i)perylene	17.298	276	68083	3.714	ng	97

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

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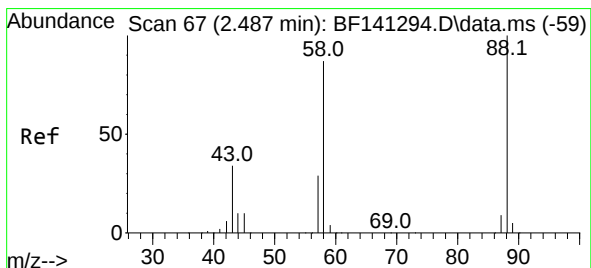
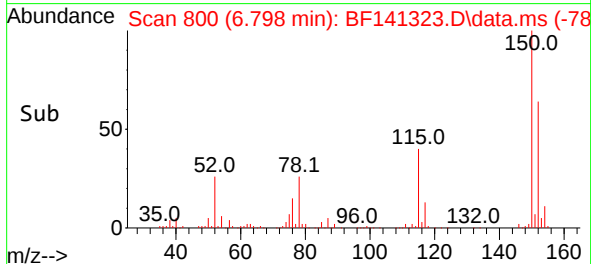
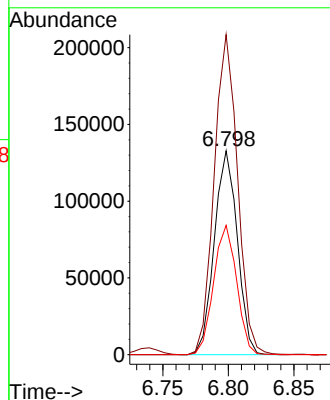
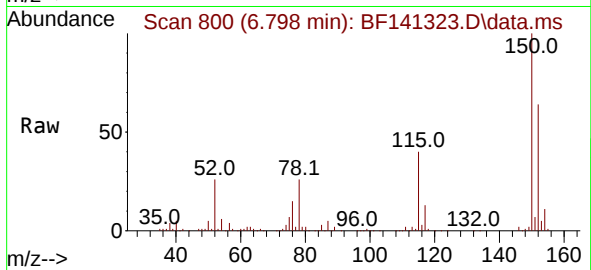




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141323.D
 Acq: 31 Jan 2025 11:08

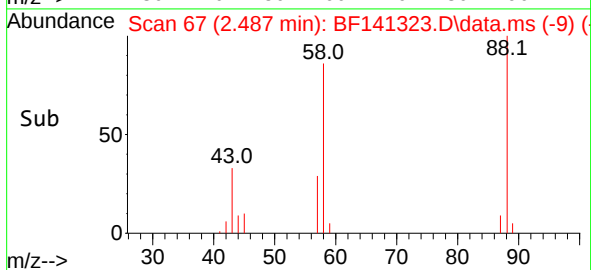
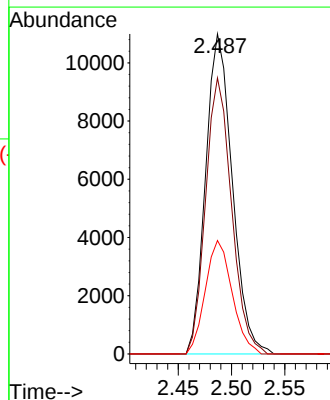
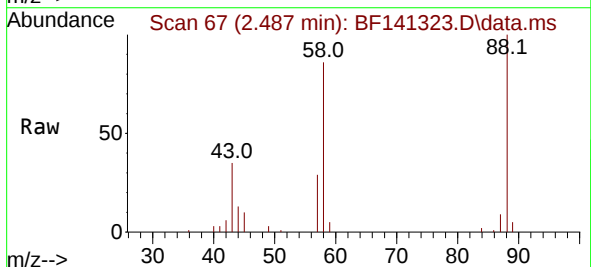
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2025

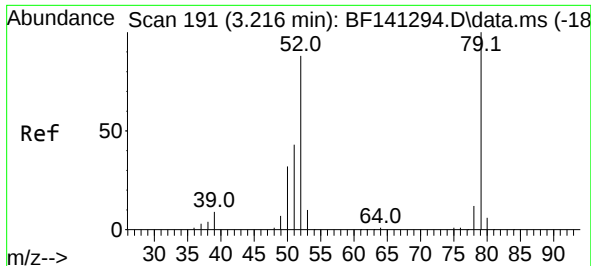
Tgt Ion:152 Resp: 161766
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.9 188.9
 115 63.5 49.7 74.5



#2
 1,4-Dioxane
 Concen: 4.139 ng
 RT: 2.487 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BF141323.D
 Acq: 31 Jan 2025 11:08

Tgt Ion: 88 Resp: 19179
 Ion Ratio Lower Upper
 88 100
 58 83.8 70.2 105.4
 43 35.7 27.6 41.4





#3

Pyridine

Concen: 3.297 ng

RT: 3.275 min Scan# 201

Delta R.T. 0.047 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

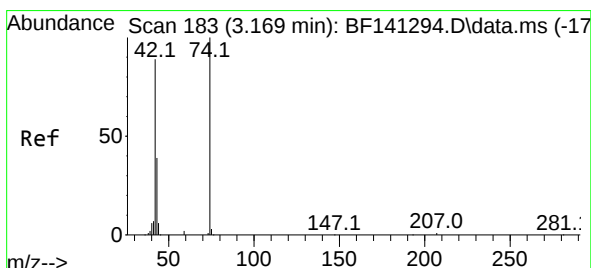
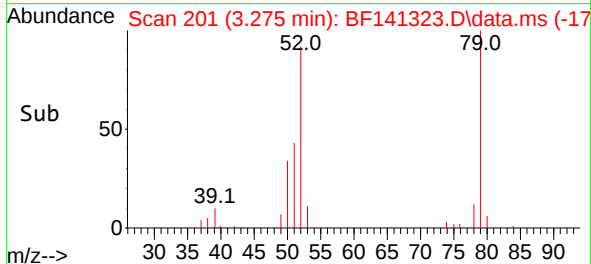
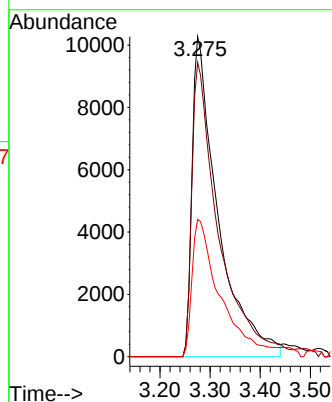
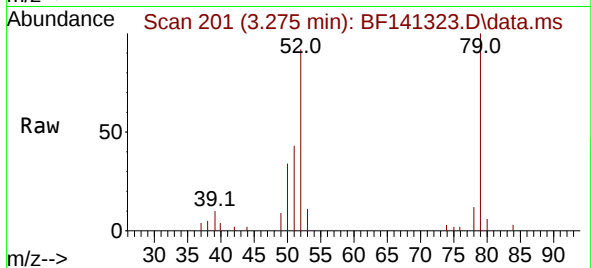
Tgt Ion: 79 Resp: 36813

Ion Ratio Lower Upper

79 100

52 91.9 70.3 105.5

51 42.9 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 3.903 ng

RT: 3.157 min Scan# 181

Delta R.T. -0.041 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

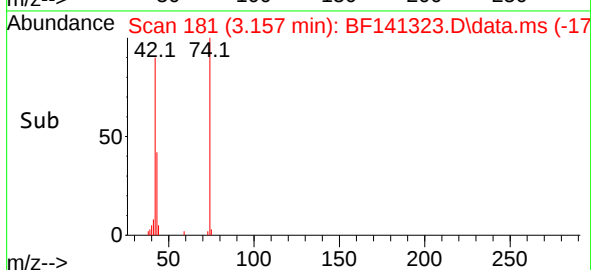
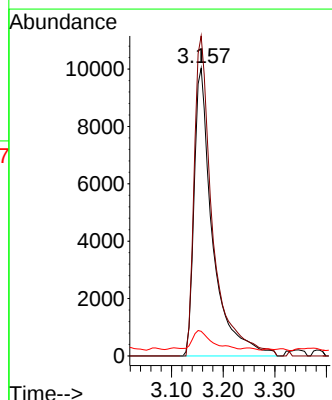
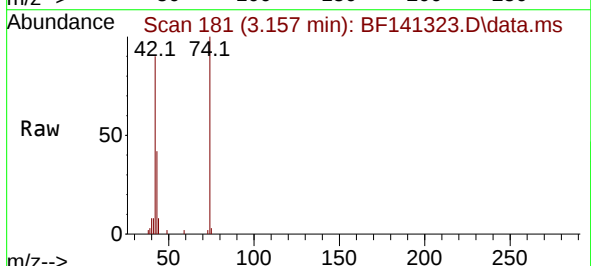
Tgt Ion: 42 Resp: 24898

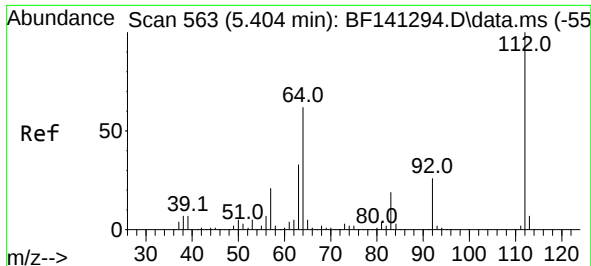
Ion Ratio Lower Upper

42 100

74 111.3 90.3 135.5

44 8.5 5.7 8.5

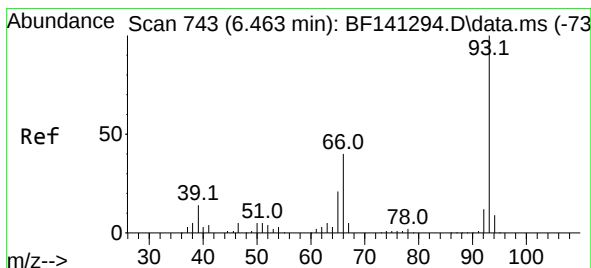
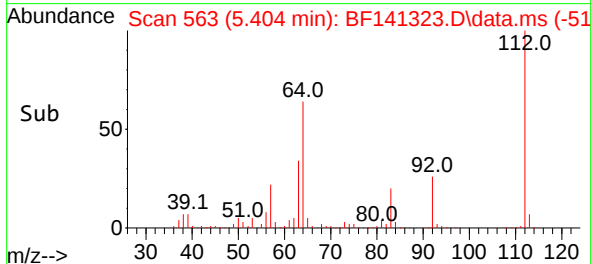
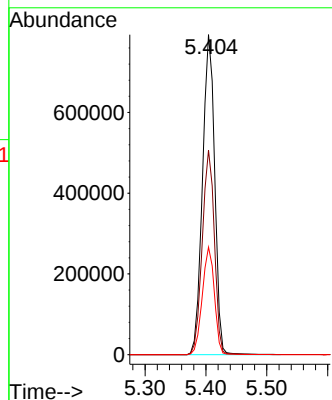
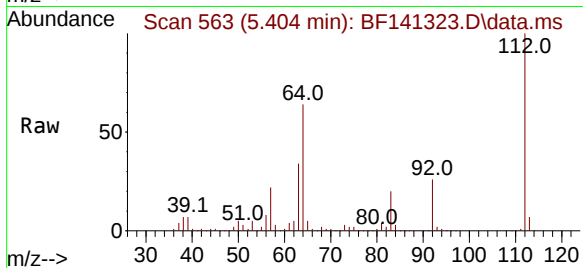




#5
2-Fluorophenol
Concen: 104.635 ng
RT: 5.404 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

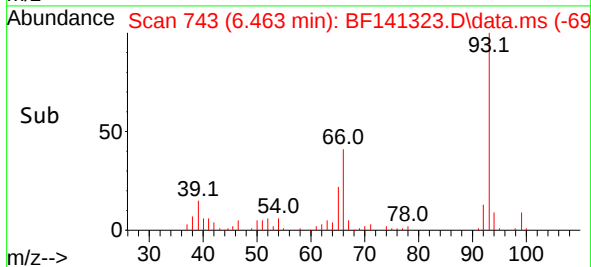
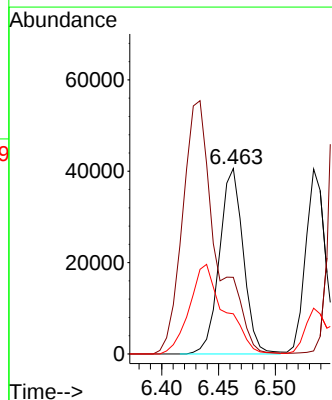
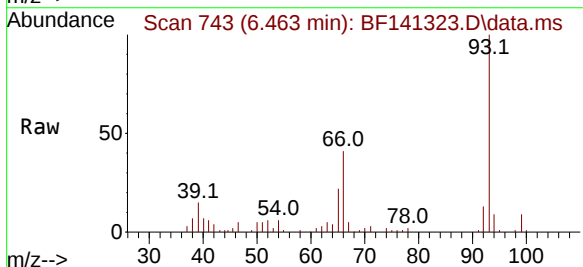
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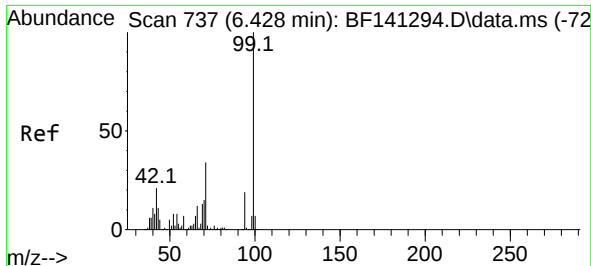
Tgt Ion:112 Resp: 1102553
Ion Ratio Lower Upper
112 100
64 63.9 49.8 74.8
63 33.6 26.1 39.1



#6
Aniline
Concen: 5.230 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 93 Resp: 59342
Ion Ratio Lower Upper
93 100
66 41.3 32.5 48.7
65 21.7 17.0 25.6

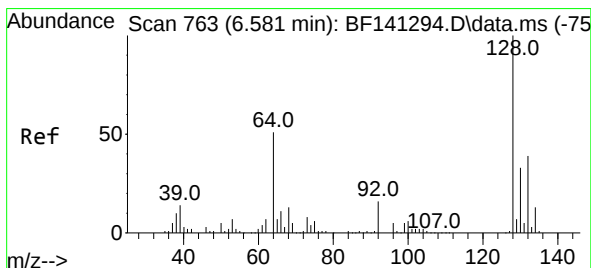
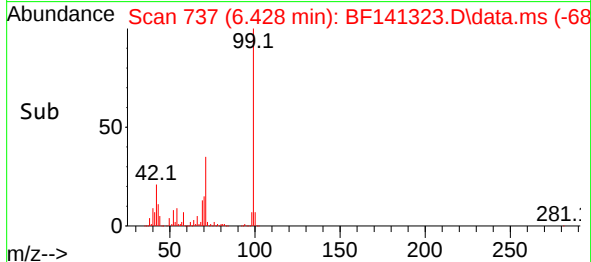
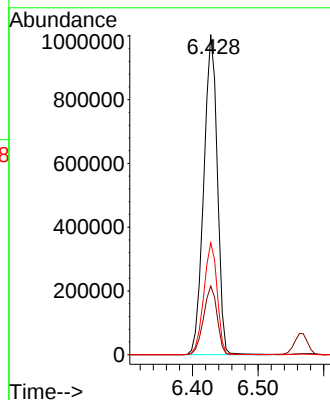
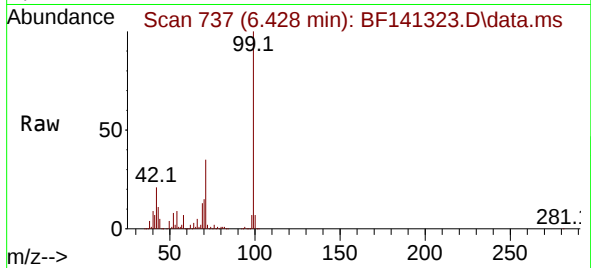




#7
Phenol-d6
Concen: 108.000 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

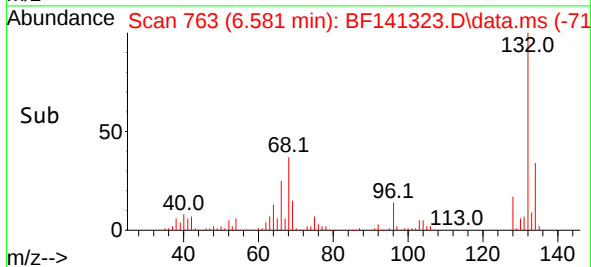
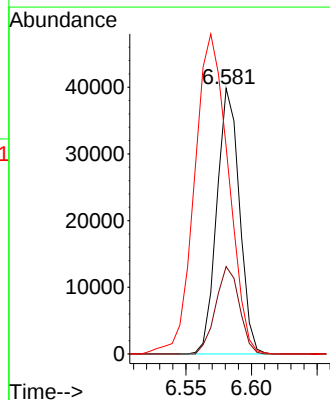
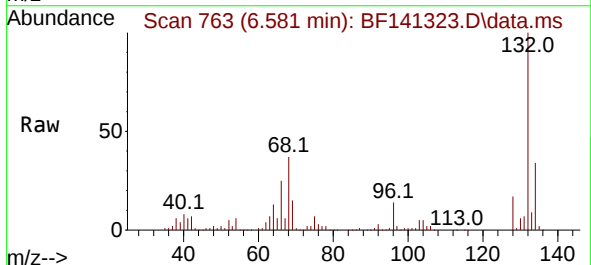
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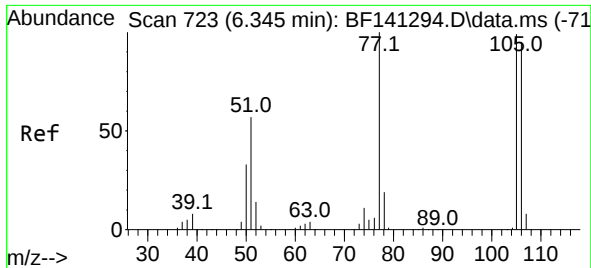
Tgt Ion: 99 Resp: 1447693
Ion Ratio Lower Upper
99 100
42 21.5 17.1 25.7
71 35.0 26.9 40.3



#8
2-Chlorophenol
Concen: 4.217 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:128 Resp: 47628
Ion Ratio Lower Upper
128 100
130 32.9 12.5 52.5
64 78.1 32.9 72.9#

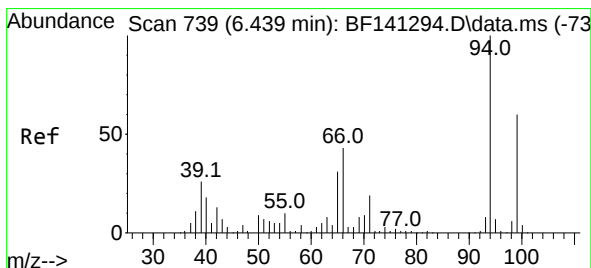
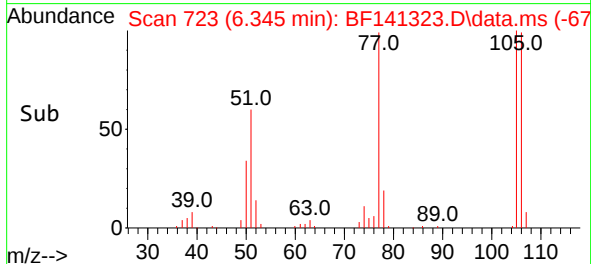
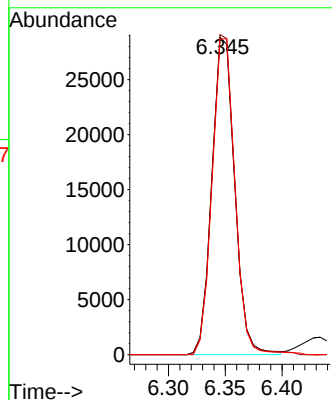
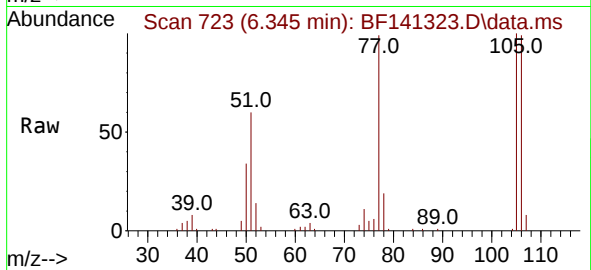




#9
Benzaldehyde
Concen: 5.183 ng
RT: 6.345 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

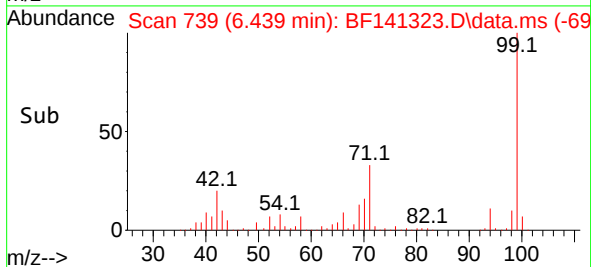
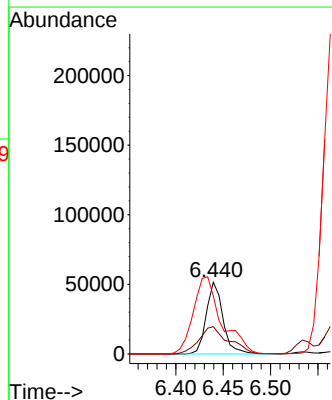
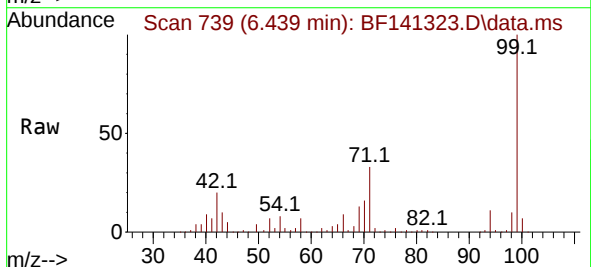
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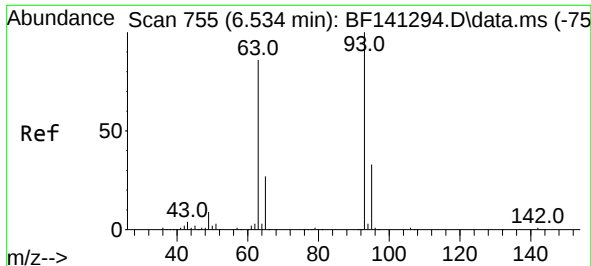
Tgt Ion: 77 Resp: 40239
Ion Ratio Lower Upper
77 100
105 100.9 79.4 119.4
106 99.5 74.6 114.6



#10
Phenol
Concen: 4.428 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 94 Resp: 62921
Ion Ratio Lower Upper
94 100
65 38.1 10.8 50.8
66 80.8 23.3 63.3#

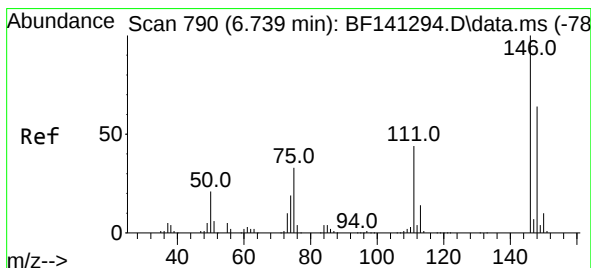
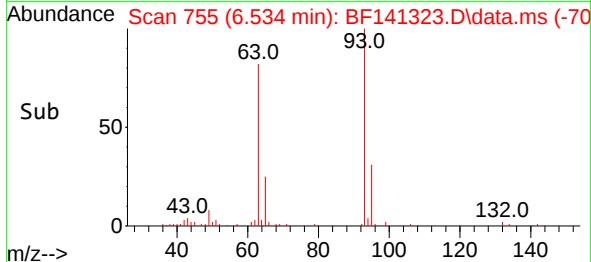
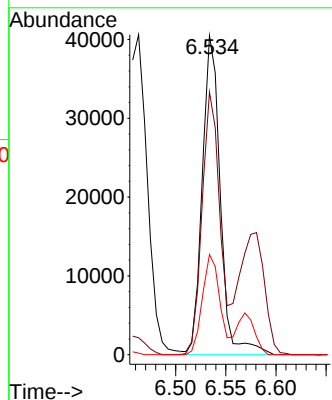
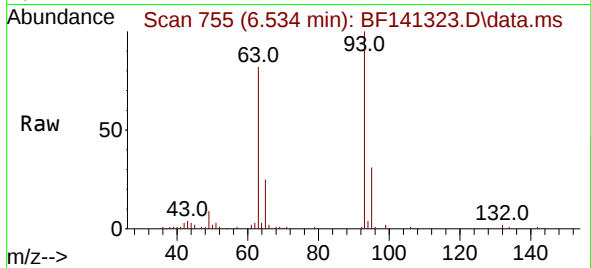




#11
bis(2-Chloroethyl)ether
Concen: 4.669 ng
RT: 6.534 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

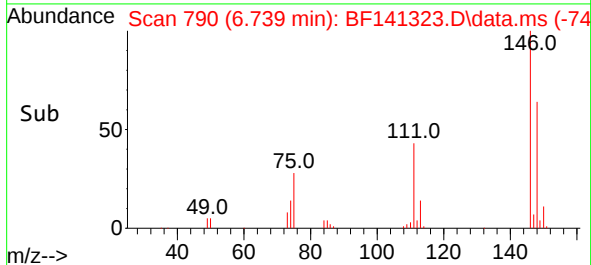
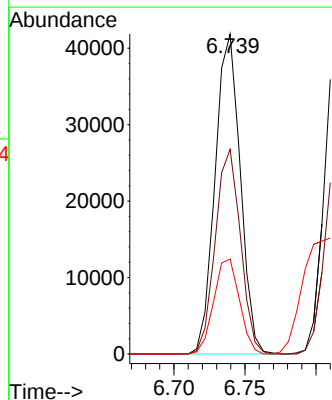
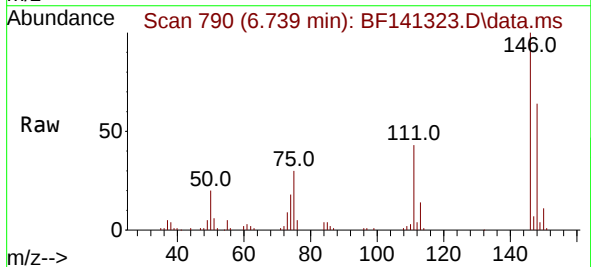
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

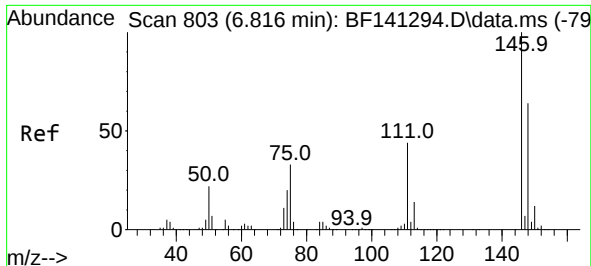
Tgt Ion: 93 Resp: 50869
Ion Ratio Lower Upper
93 100
63 82.4 65.0 105.0
95 31.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 4.144 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:146 Resp: 51598
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 29.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 4.240 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

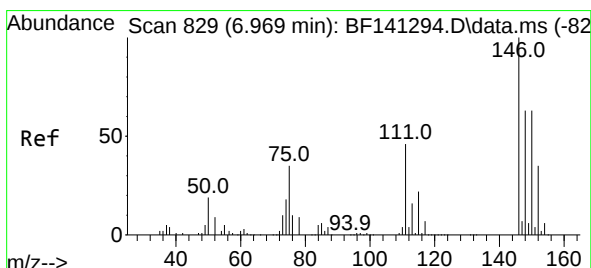
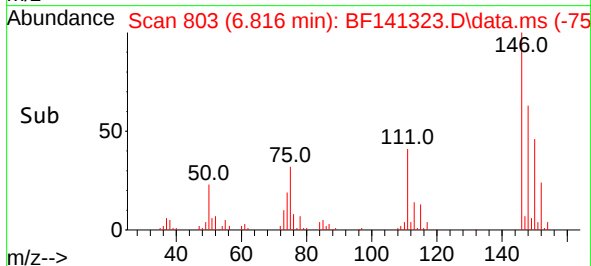
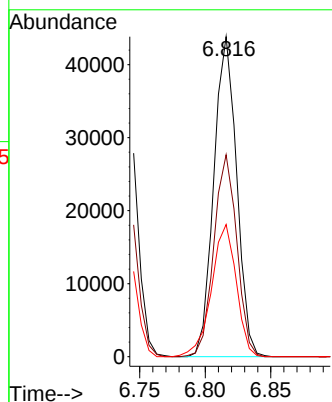
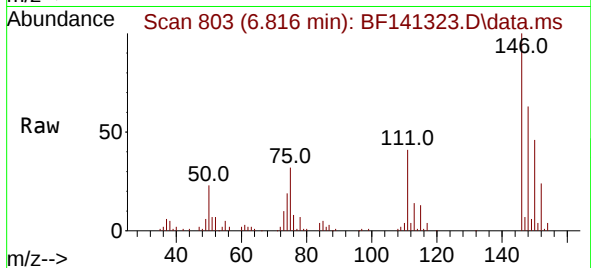
Tgt Ion:146 Resp: 53043

Ion Ratio Lower Upper

146 100

148 63.1 51.2 76.8

111 41.3 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 4.236 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

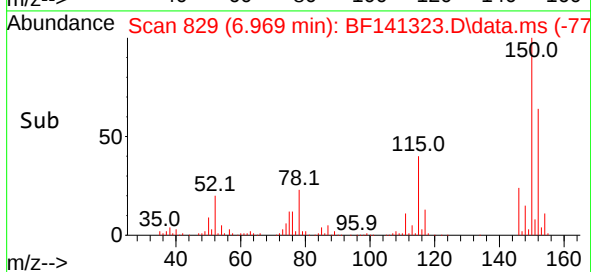
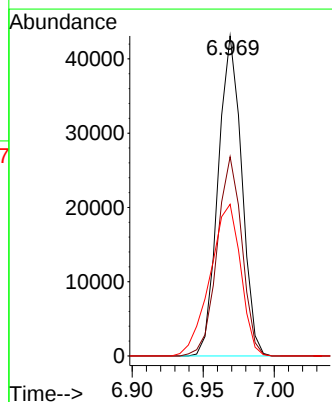
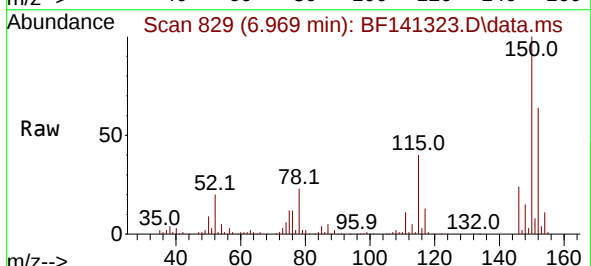
Tgt Ion:146 Resp: 49625

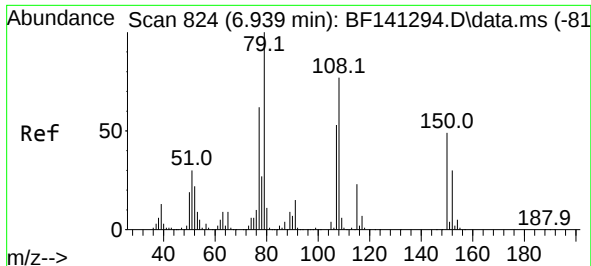
Ion Ratio Lower Upper

146 100

148 62.3 50.5 75.7

111 47.4 36.6 55.0

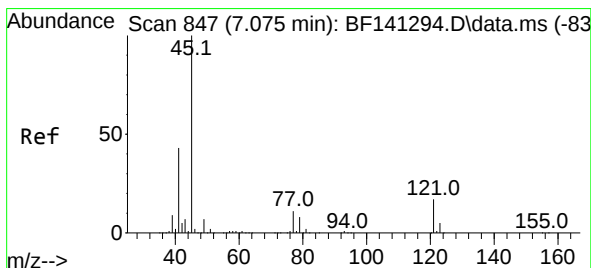
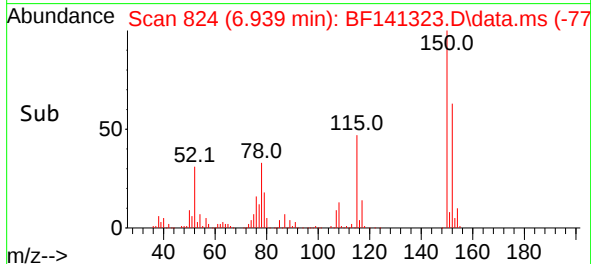
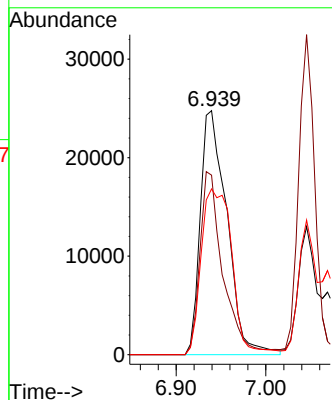
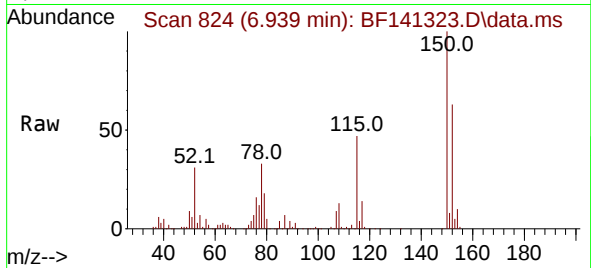




#15
Benzyl Alcohol
Concen: 5.560 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

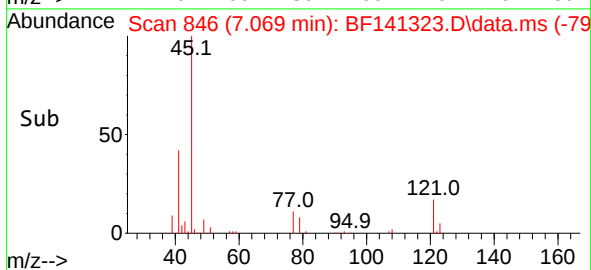
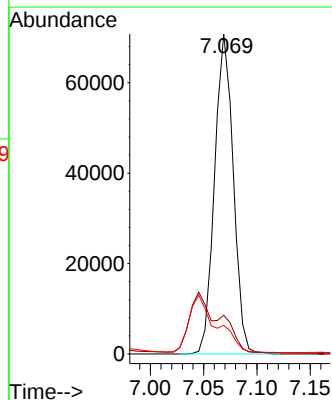
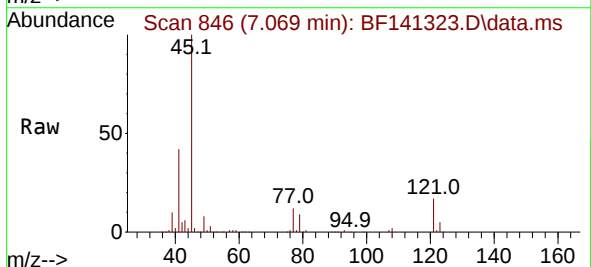
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

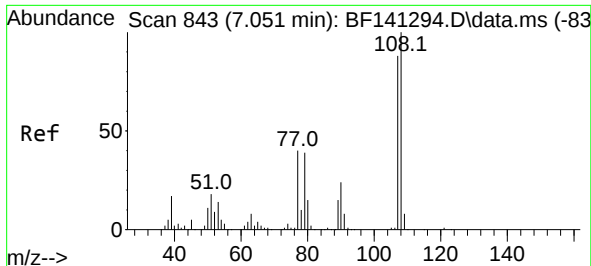
Tgt Ion: 79 Resp: 50937
Ion Ratio Lower Upper
79 100
108 73.6 61.4 92.0
77 67.9 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.551 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 45 Resp: 86229
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.8
79 9.0 0.0 29.1

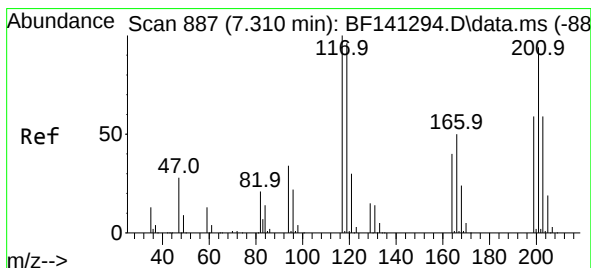
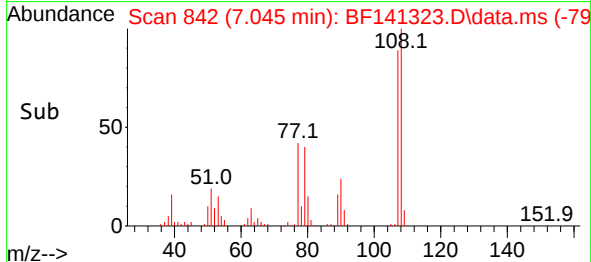
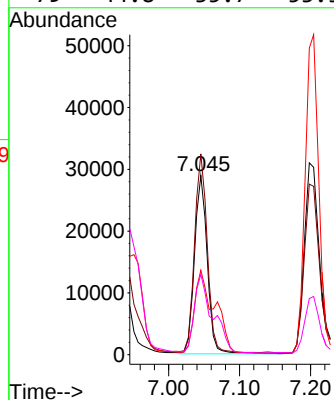
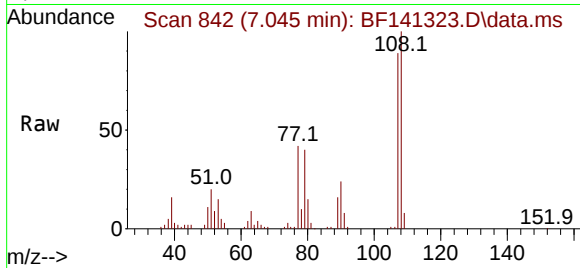




#17
2-Methylphenol
Concen: 3.941 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

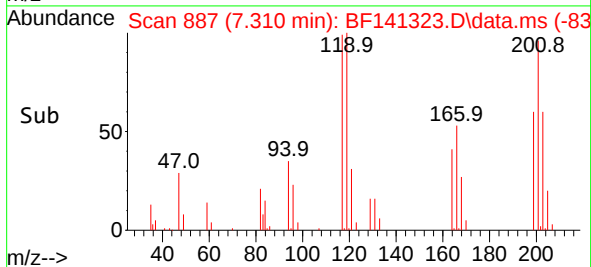
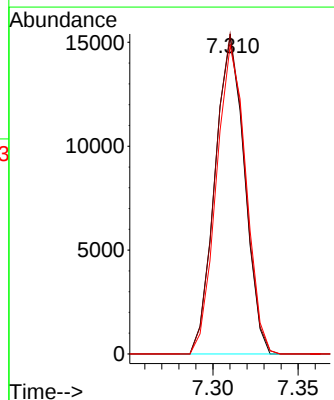
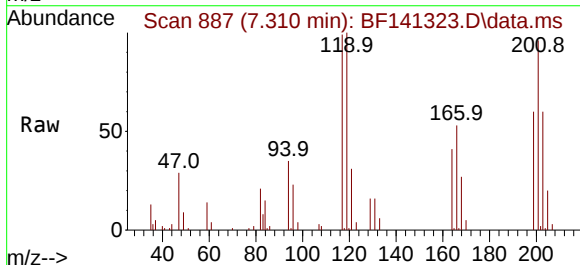
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025

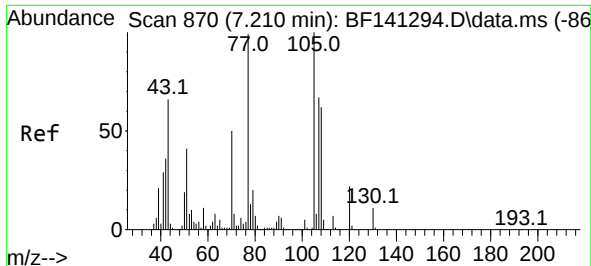
Tgt Ion:107	Resp:	36179
Ion Ratio	Lower	Upper
107	100	
108	112.0	90.8 136.2
77	47.1	36.2 54.4
79	44.8	35.7 53.5



#18
Hexachloroethane
Concen: 3.987 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:117	Resp:	18398
Ion Ratio	Lower	Upper
117	100	
119	100.9	76.6 114.8
201	97.3	74.8 112.2

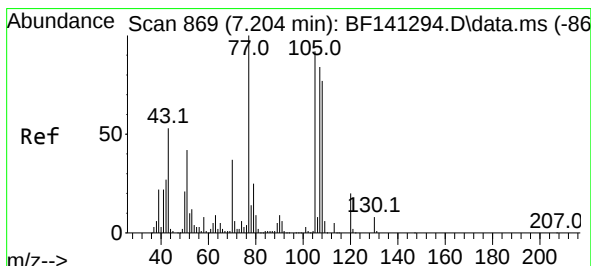
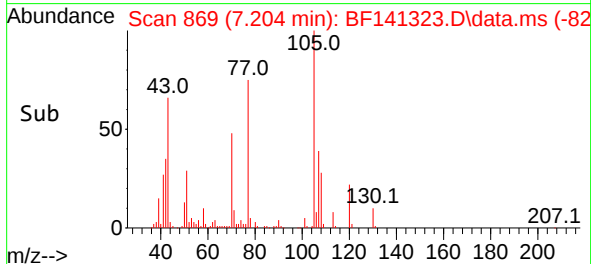
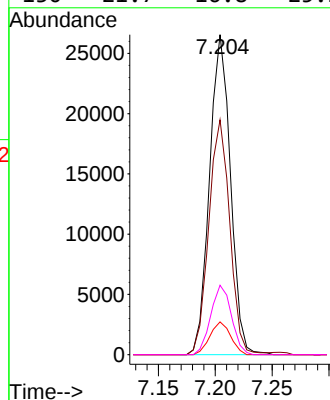
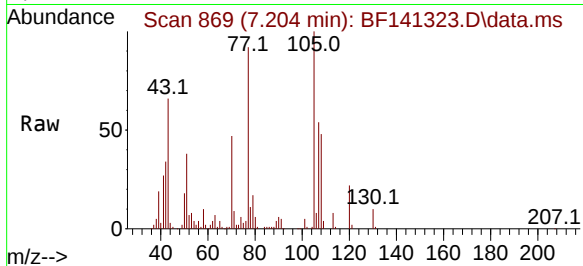




#19
n-Nitroso-di-n-propylamine
Concen: 4.266 ng
RT: 7.204 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

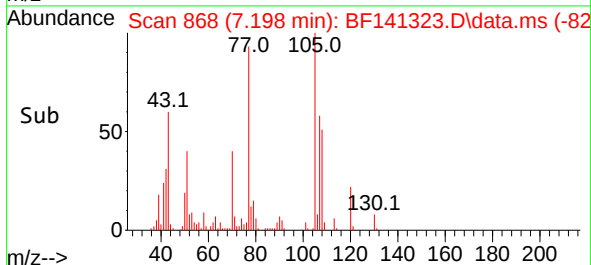
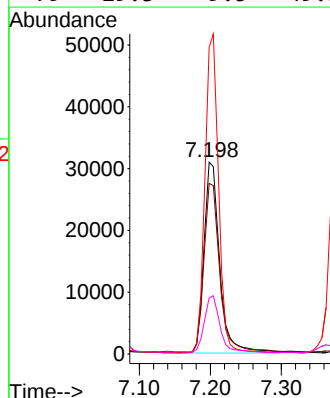
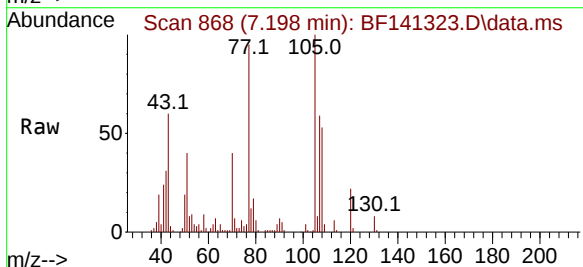
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

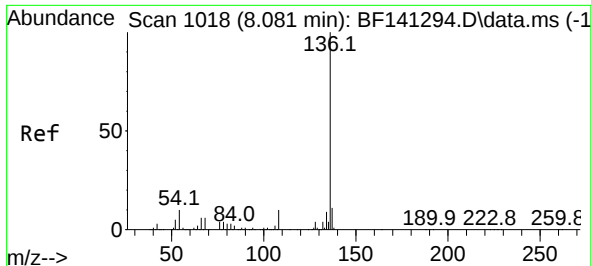
Tgt Ion:	70	Resp:	33981
Ion	Ratio	Lower	Upper
70	100		
42	73.4	56.8	85.2
101	10.2	7.7	11.5
130	21.7	16.8	25.2



#20
3+4-Methylphenols
Concen: 4.233 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:	107	Resp:	47702
Ion	Ratio	Lower	Upper
107	100		
108	88.9	70.9	110.9
77	159.8	98.5	138.5#
79	29.3	9.5	49.5

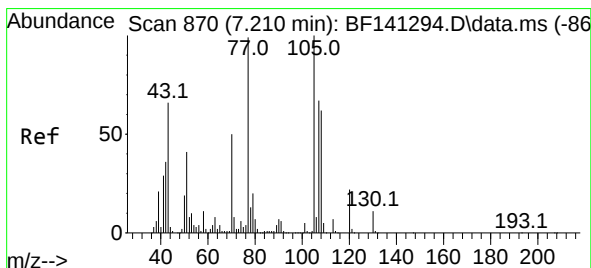
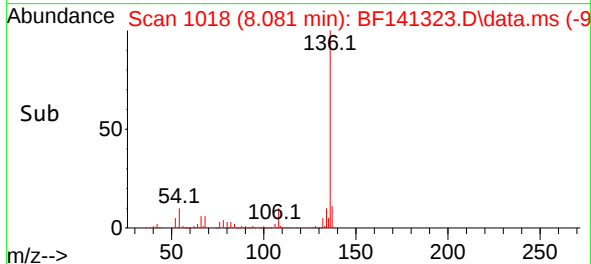
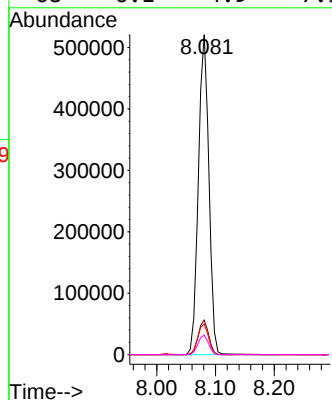
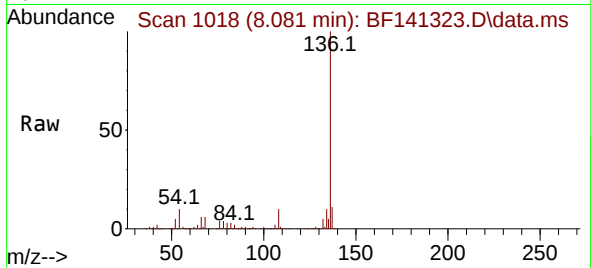




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

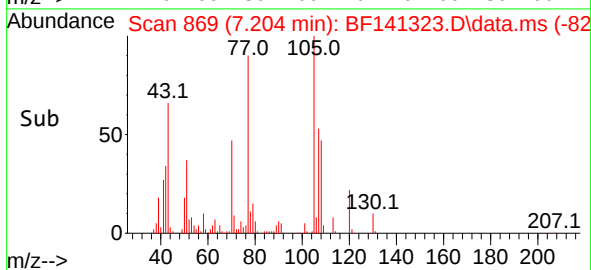
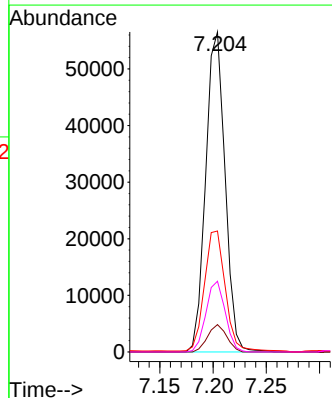
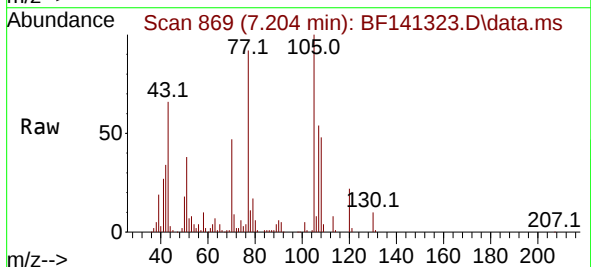
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

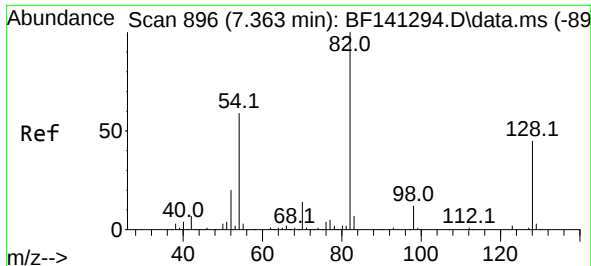
Tgt Ion:	136	Resp:	646039
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.6	7.8	11.8
68	6.1	4.9	7.3



#22
Acetophenone
Concen: 4.656 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:	105	Resp:	71492
Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.8	10.2
51	37.8	32.6	49.0
120	22.1	17.4	26.0





#23

Nitrobenzene-d5

Concen: 81.606 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

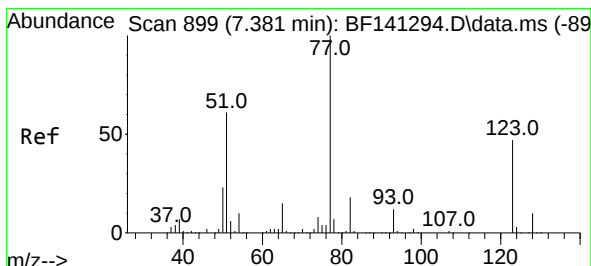
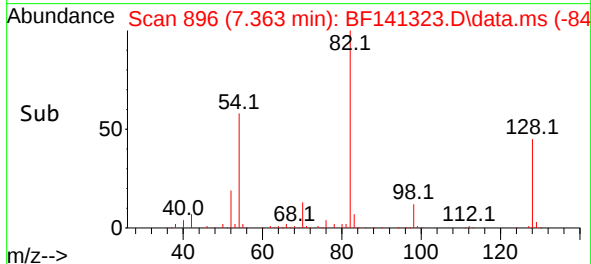
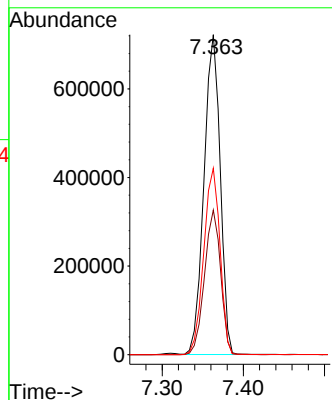
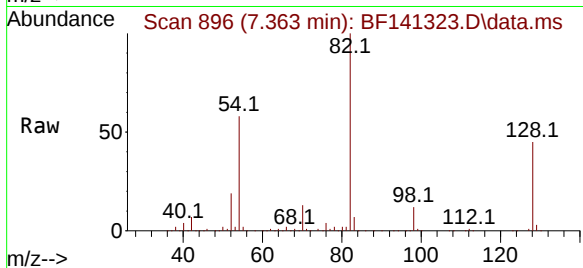
BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 82 Resp: 1000081

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	58.3	47.1	70.7



#24

Nitrobenzene

Concen: 4.368 ng

RT: 7.381 min Scan# 899

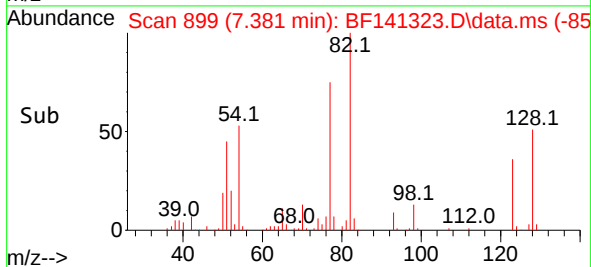
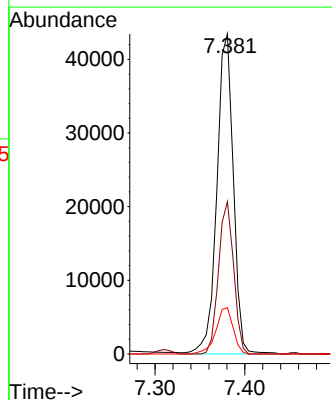
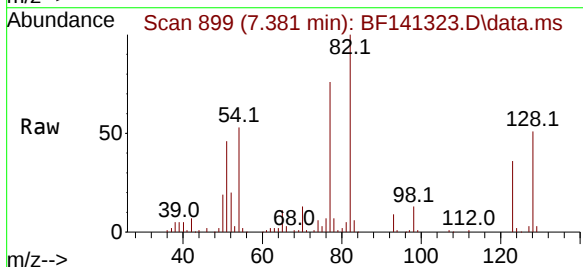
Delta R.T. -0.012 min

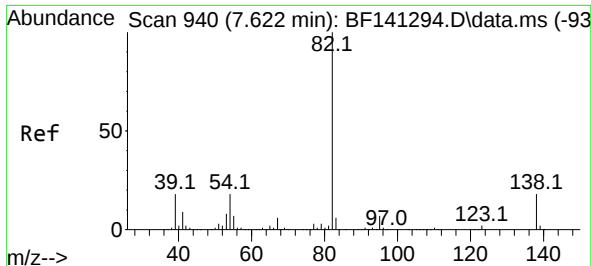
Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Tgt Ion: 77 Resp: 55468

Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.3	55.9
65	14.4	11.8	17.6

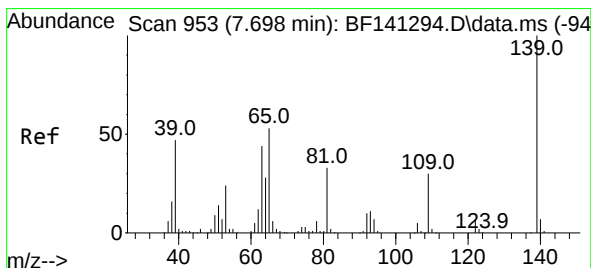
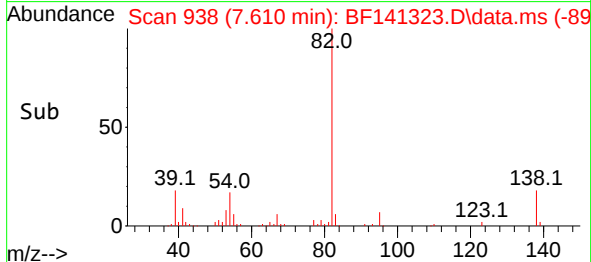
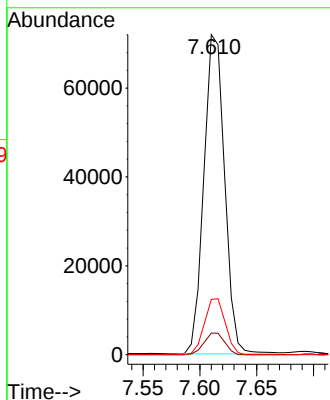
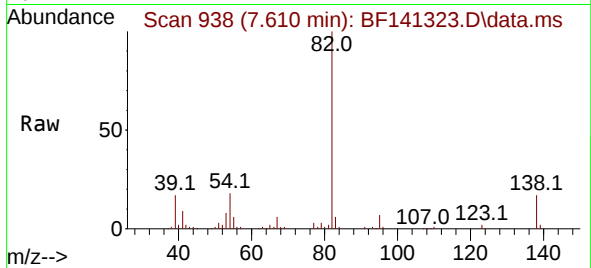




#25
Isophorone
Concen: 4.315 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

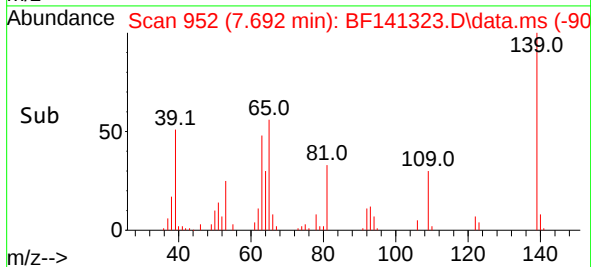
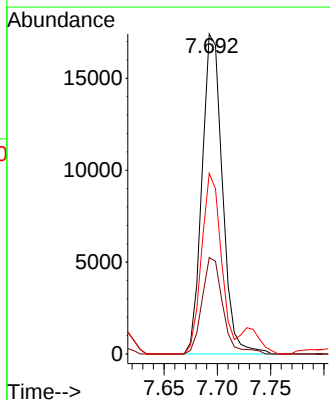
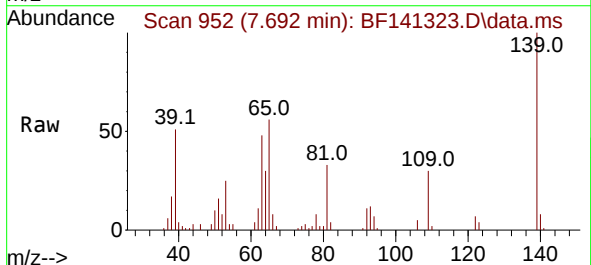
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

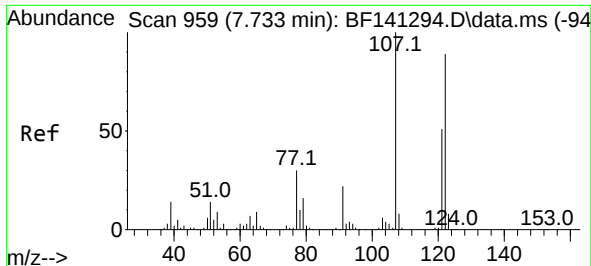
Tgt Ion: 82 Resp: 91400
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.6
138 17.3 14.7 22.1



#26
2-Nitrophenol
Concen: 3.878 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 139 Resp: 23229
Ion Ratio Lower Upper
139 100
109 30.1 23.8 35.6
65 56.4 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 2.105 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

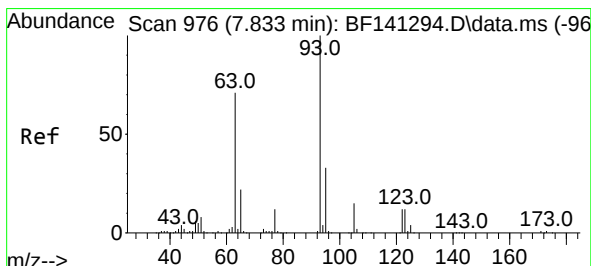
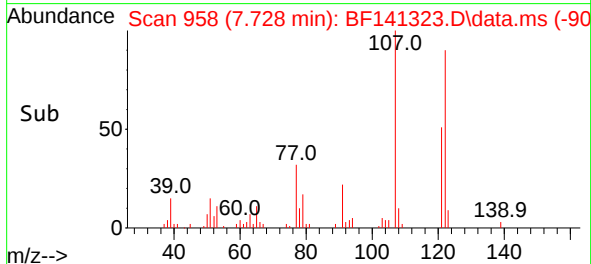
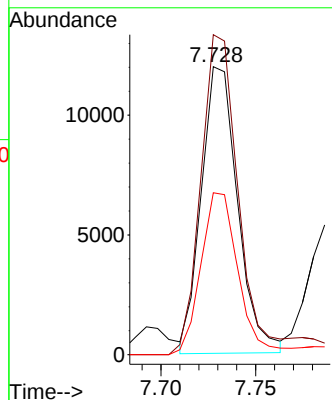
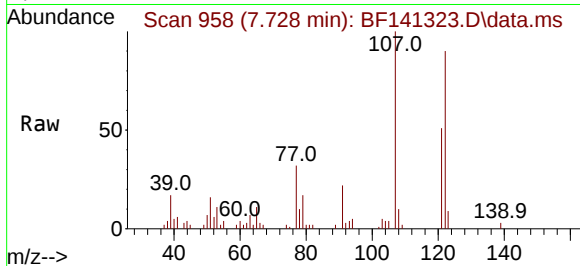
Tgt Ion:122 Resp: 16050

Ion Ratio Lower Upper

122 100

107 111.1 89.9 134.9

121 56.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 4.336 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

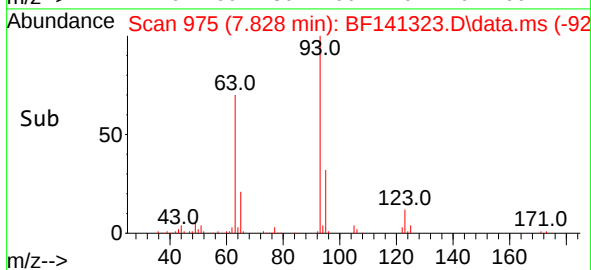
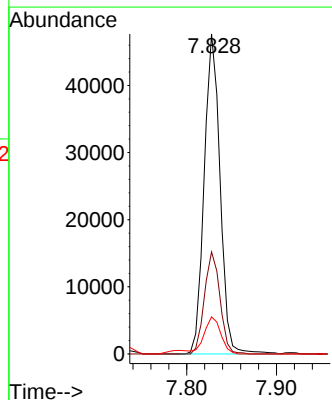
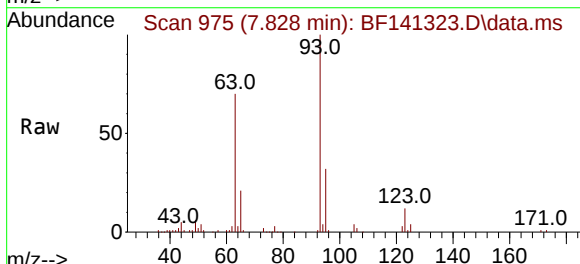
Tgt Ion: 93 Resp: 58594

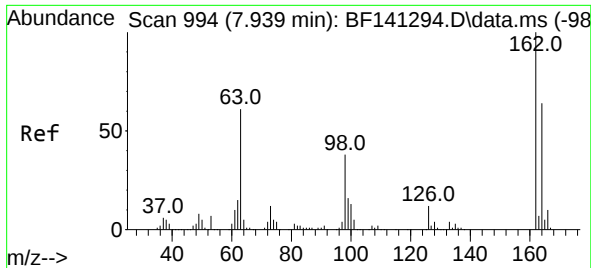
Ion Ratio Lower Upper

93 100

95 31.9 26.2 39.2

123 11.6 10.2 15.4

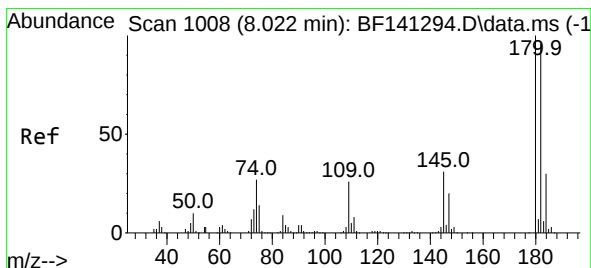
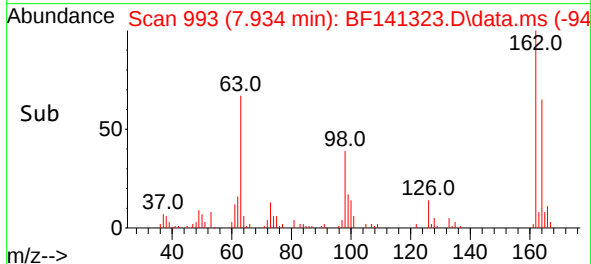
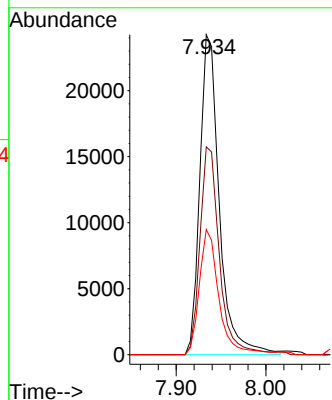
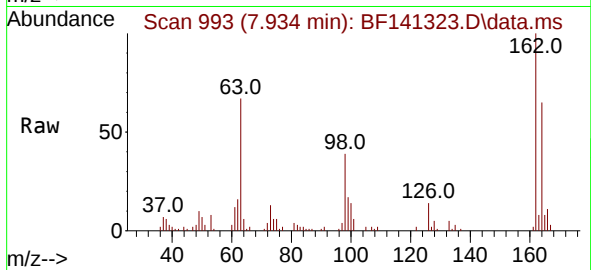




#29
2,4-Dichlorophenol
Concen: 3.922 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

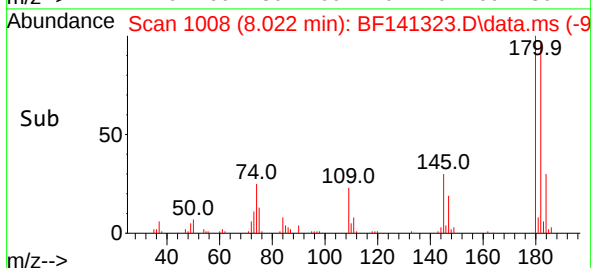
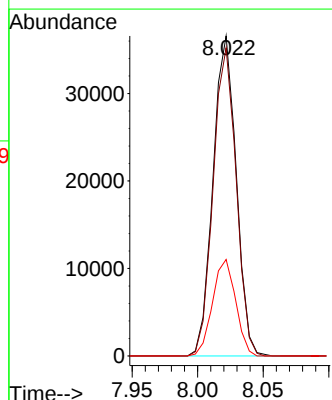
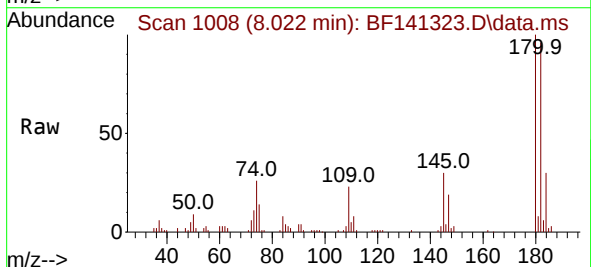
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

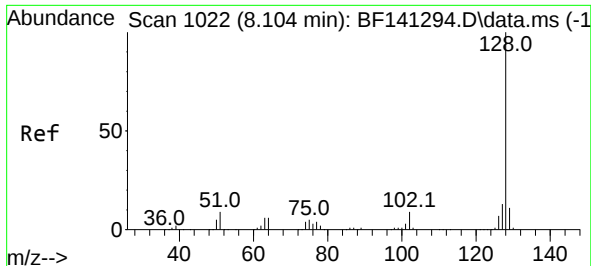
Tgt Ion:162 Resp: 36601
Ion Ratio Lower Upper
162 100
164 65.0 44.2 84.2
98 39.1 18.2 58.2



#30
1,2,4-Trichlorobenzene
Concen: 4.217 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:180 Resp: 44945
Ion Ratio Lower Upper
180 100
182 96.3 76.4 114.6
145 30.1 24.9 37.3

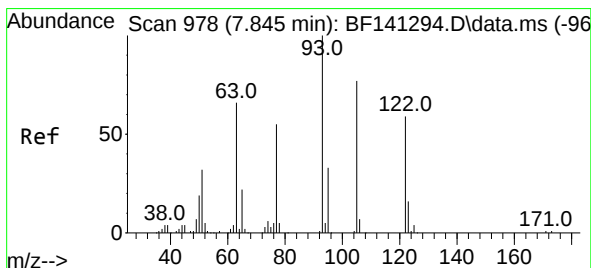
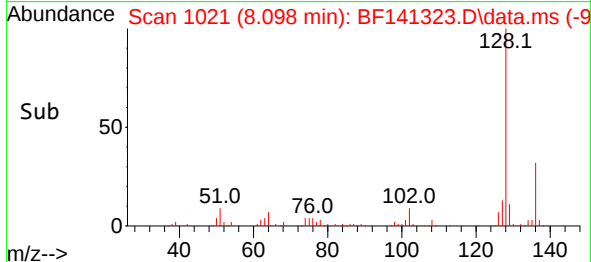
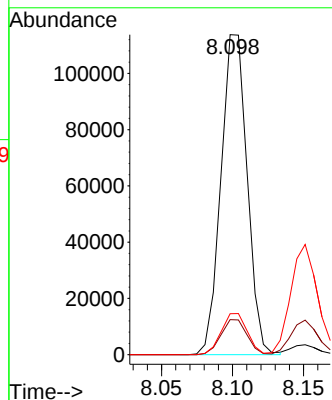
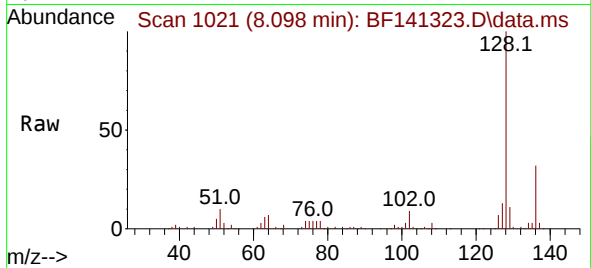




#31
Naphthalene
Concen: 4.285 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

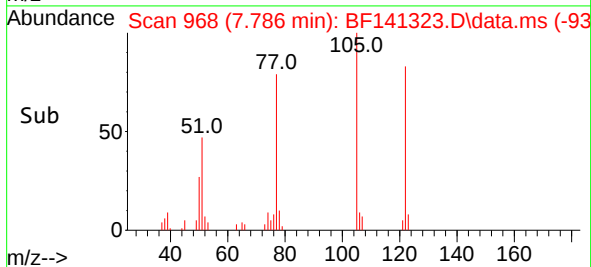
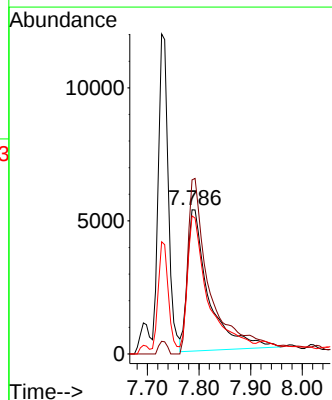
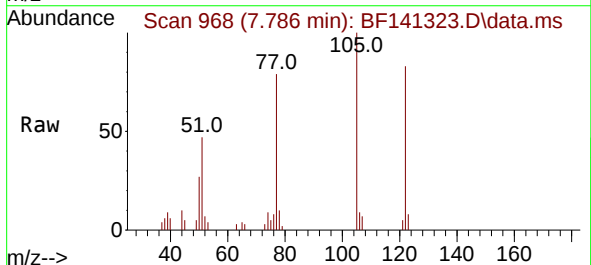
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

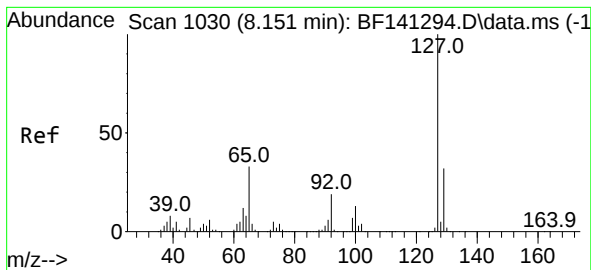
Tgt Ion:128 Resp: 146237
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 2.175 ng
RT: 7.786 min Scan# 968
Delta R.T. -0.094 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:122 Resp: 15246
Ion Ratio Lower Upper
122 100
105 120.7 103.4 143.4
77 95.8 70.9 110.9





#33

4-Chloroaniline

Concen: 4.709 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:127 Resp: 54500

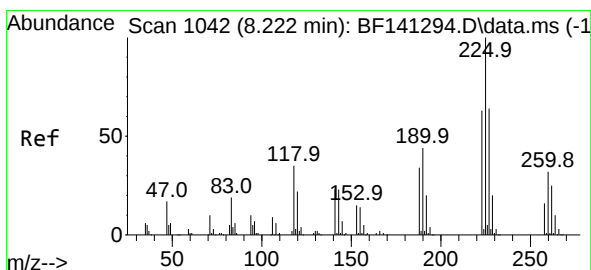
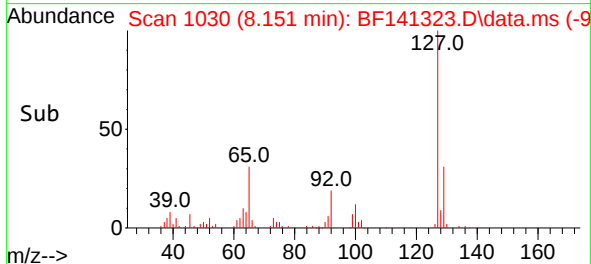
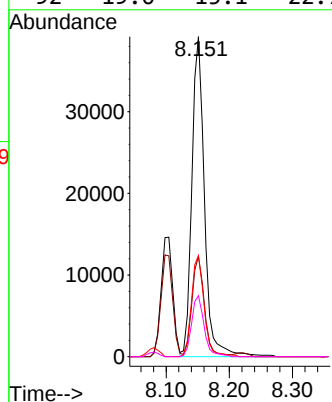
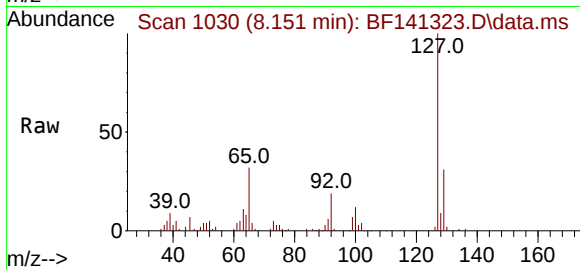
Ion Ratio Lower Upper

127 100

129 31.3 25.7 38.5

65 31.5 26.4 39.6

92 19.0 15.1 22.7



#34

Hexachlorobutadiene

Concen: 3.902 ng

RT: 8.222 min Scan# 1042

Delta R.T. -0.000 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

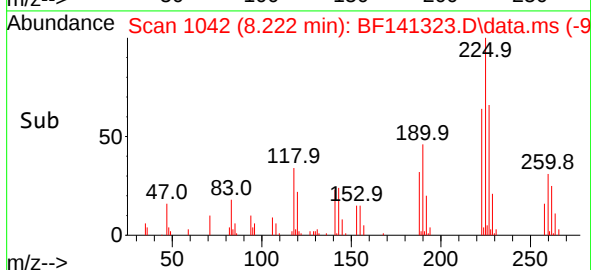
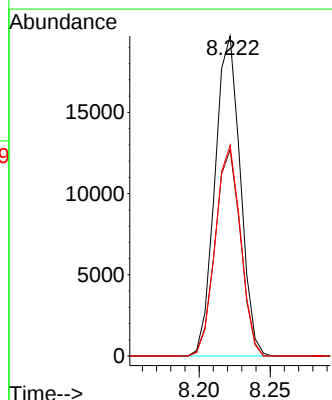
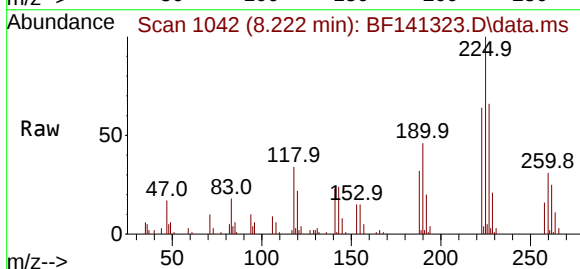
Tgt Ion:225 Resp: 24388

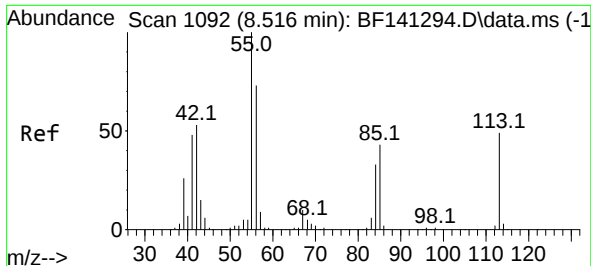
Ion Ratio Lower Upper

225 100

223 64.5 50.4 75.6

227 65.8 51.3 76.9

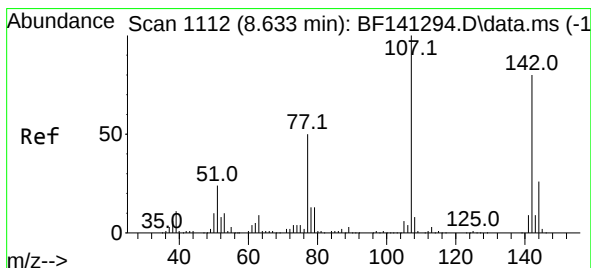
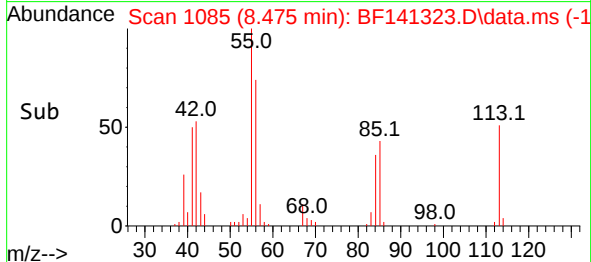
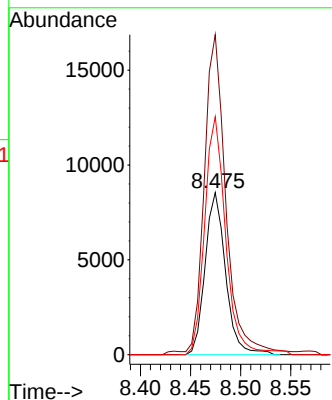
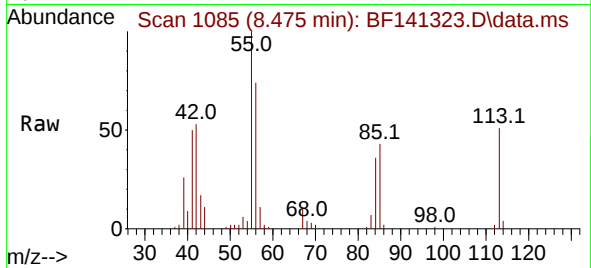




#35
 Caprolactam
 Concen: 3.990 ng
 RT: 8.475 min Scan# 1092
 Delta R.T. -0.071 min
 Lab File: BF141323.D
 Acq: 31 Jan 2025 11:08

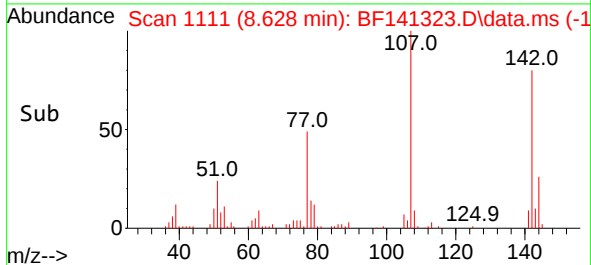
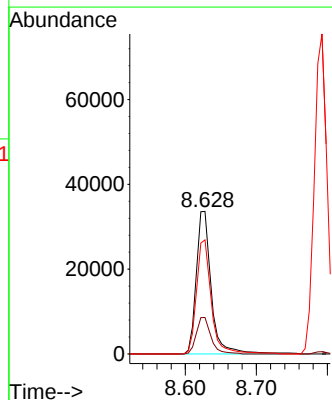
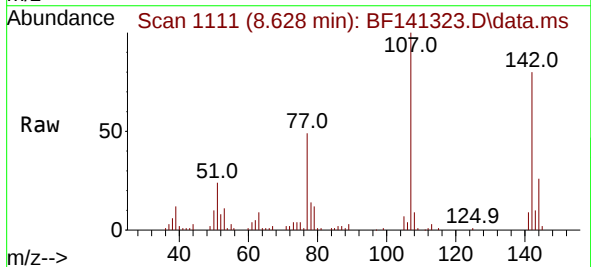
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2025

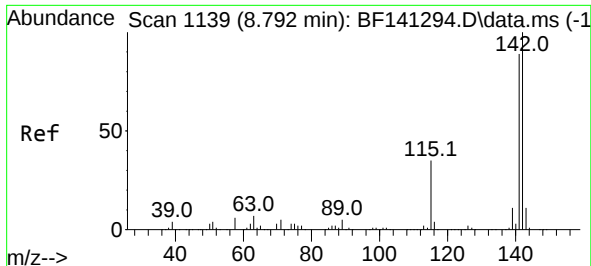
Tgt Ion:113 Resp: 12161
 Ion Ratio Lower Upper
 113 100
 55 197.3 182.9 222.9
 56 146.7 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 4.939 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF141323.D
 Acq: 31 Jan 2025 11:08

Tgt Ion:107 Resp: 49447
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.7 31.1
 142 80.1 63.8 95.8

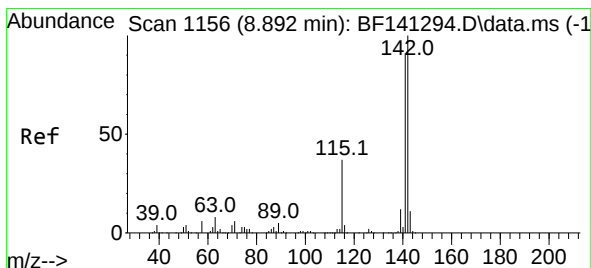
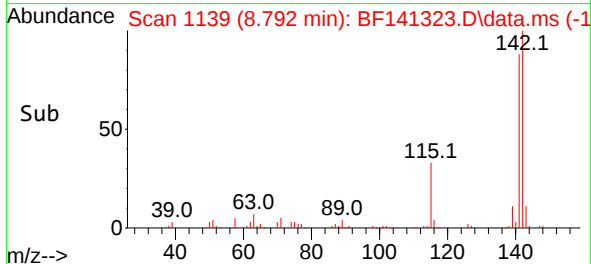
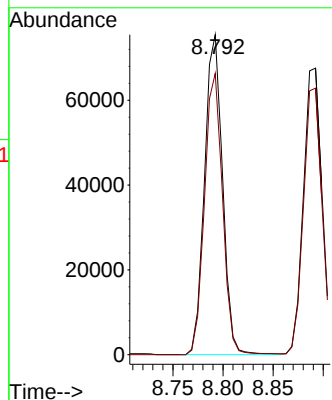
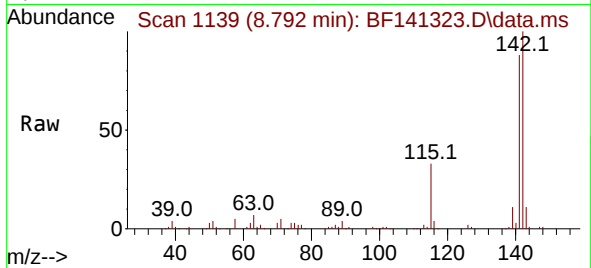




#37
2-Methylnaphthalene
Concen: 4.354 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

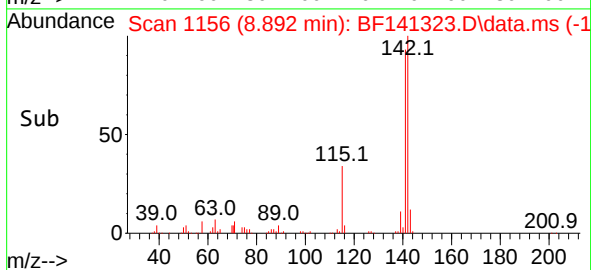
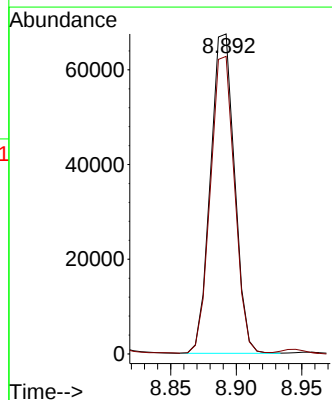
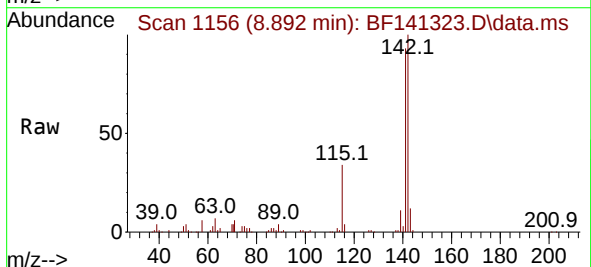
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

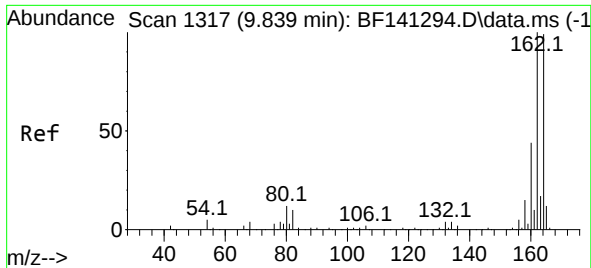
Tgt Ion:142 Resp: 94454
Ion Ratio Lower Upper
142 100
141 87.9 71.3 106.9



#38
1-Methylnaphthalene
Concen: 4.051 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:142 Resp: 86324
Ion Ratio Lower Upper
142 100
141 93.0 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

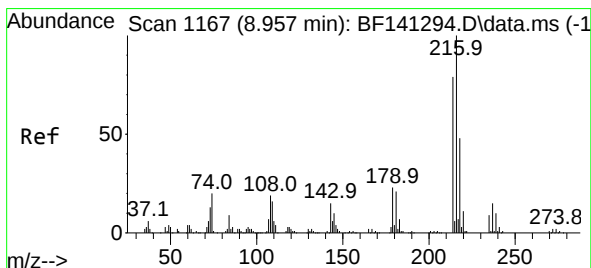
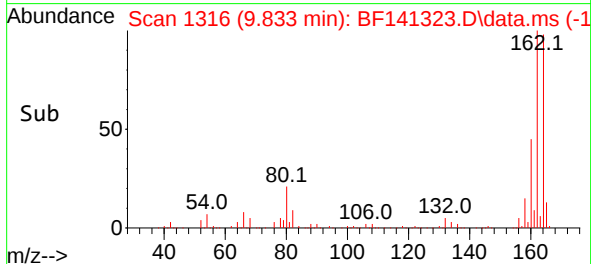
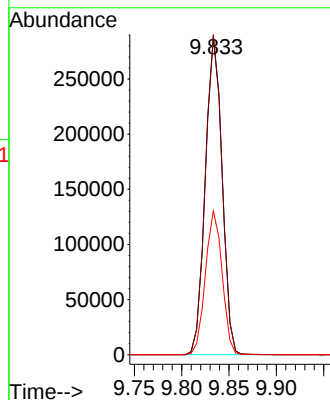
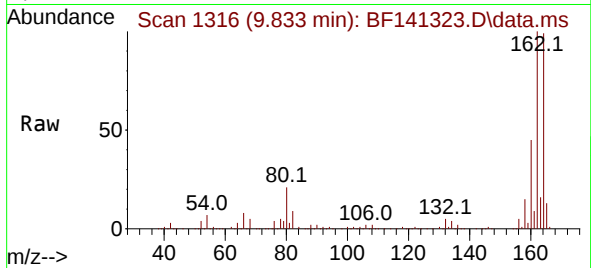
Tgt Ion:164 Resp: 354276

Ion Ratio Lower Upper

164 100

162 100.9 80.6 121.0

160 45.3 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.411 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Tgt Ion:216 Resp: 44460

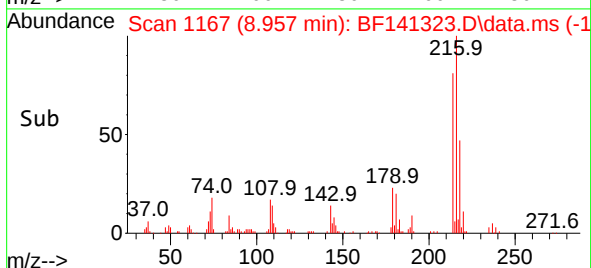
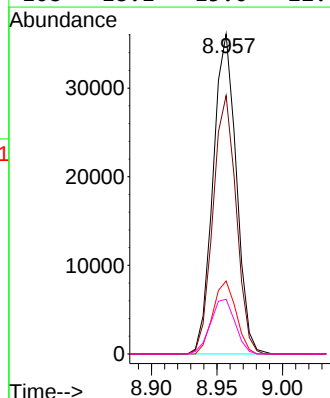
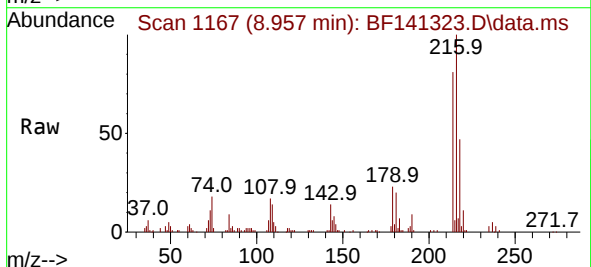
Ion Ratio Lower Upper

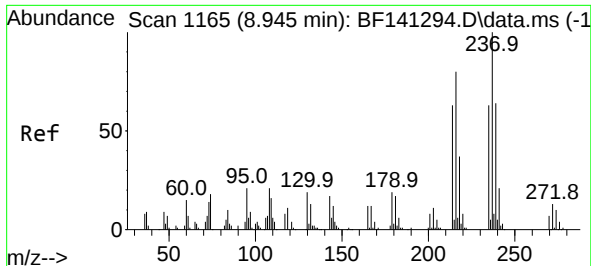
216 100

214 80.3 63.2 94.8

179 22.7 17.8 26.8

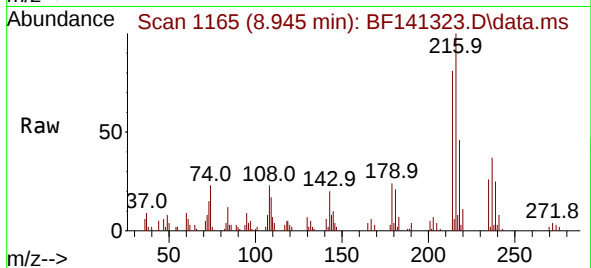
108 18.1 15.0 22.6



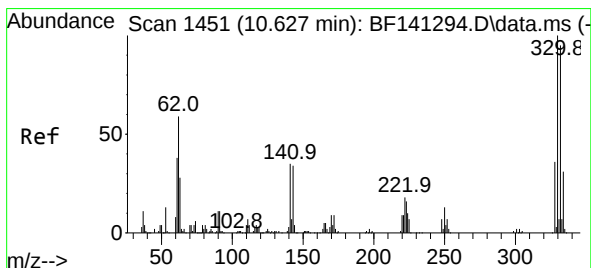
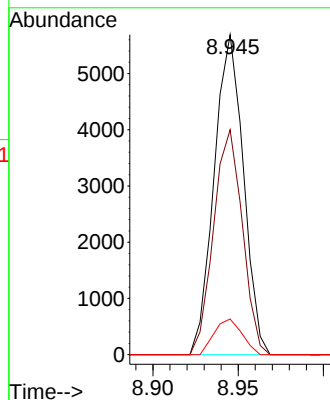
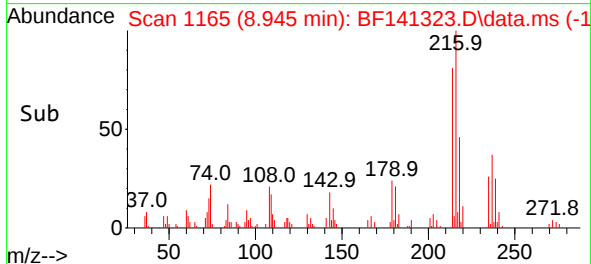


#41
Hexachlorocyclopentadiene
Concen: 2.282 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

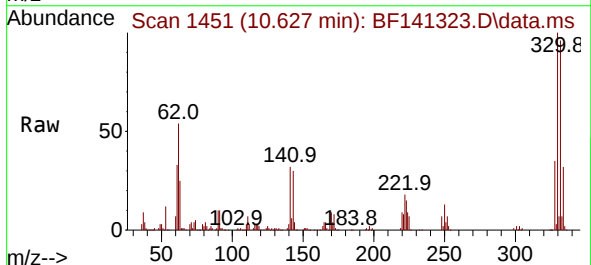
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



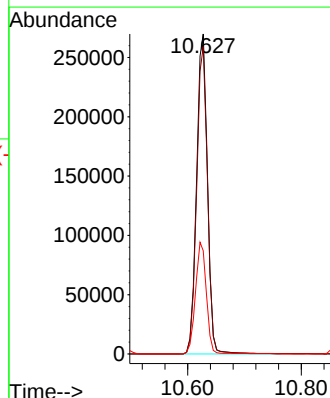
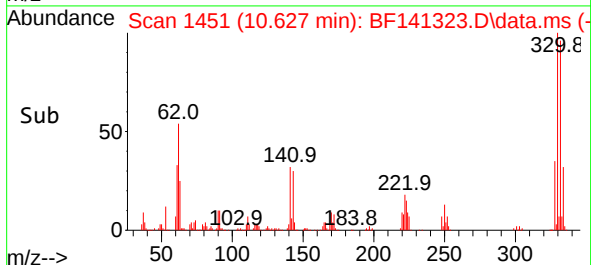
Tgt Ion: 237 Resp: 6792
Ion Ratio Lower Upper
237 100
235 70.3 42.9 82.9
272 11.2 0.0 32.8

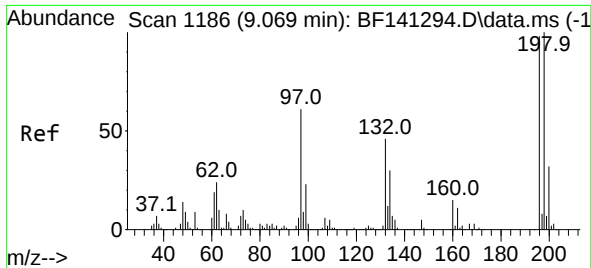


#42
2,4,6-Tribromophenol
Concen: 111.207 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08



Tgt Ion: 330 Resp: 361189
Ion Ratio Lower Upper
330 100
332 95.6 76.1 114.1
141 34.8 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 3.959 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

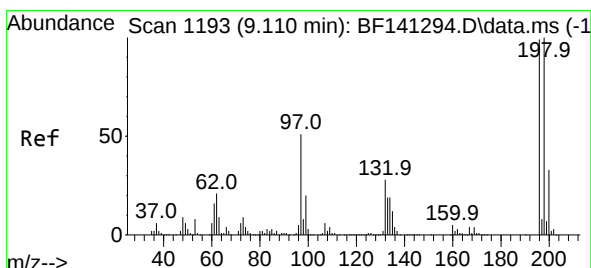
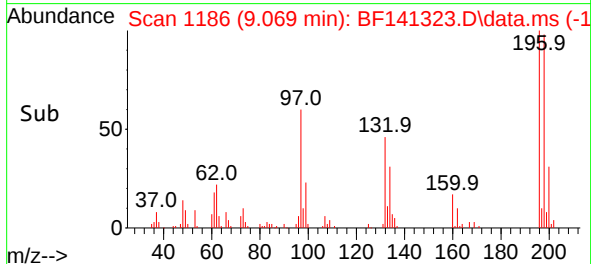
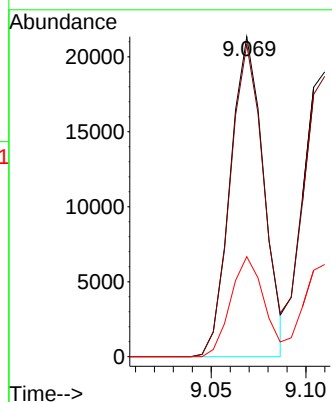
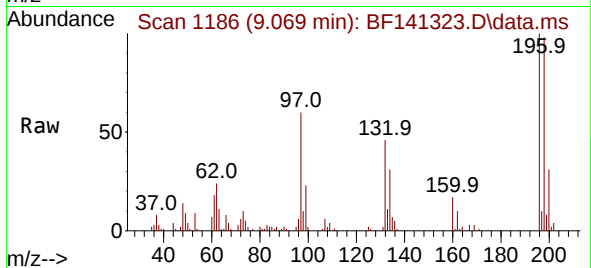
Tgt Ion:196 Resp: 26117

Ion Ratio Lower Upper

196 100

198 97.6 81.8 122.6

200 31.3 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 3.987 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Tgt Ion:196 Resp: 28624

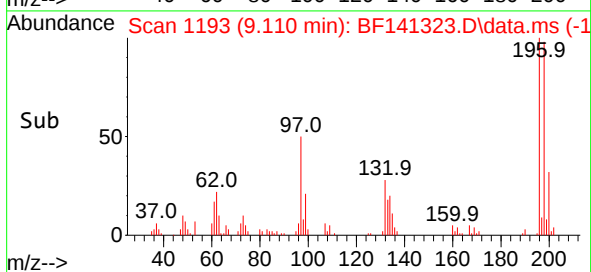
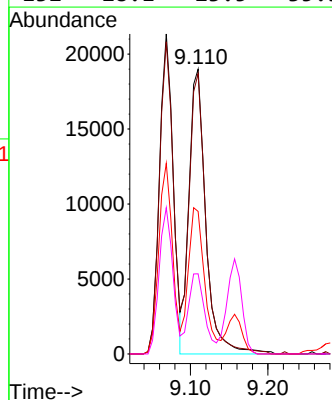
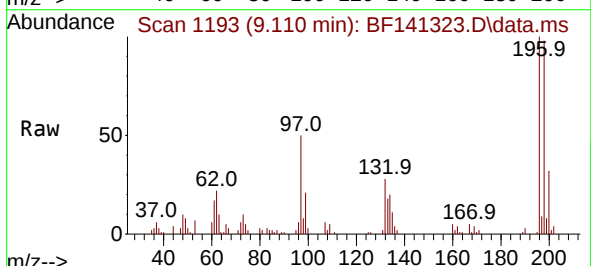
Ion Ratio Lower Upper

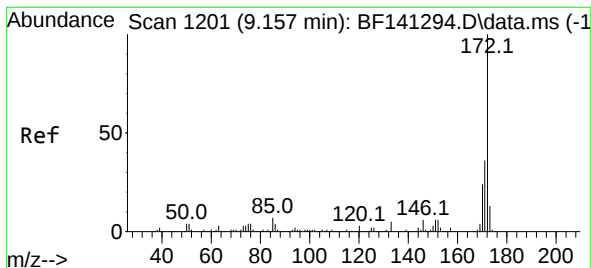
196 100

198 98.4 80.5 120.7

97 50.1 42.8 64.2

132 28.1 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 73.929 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

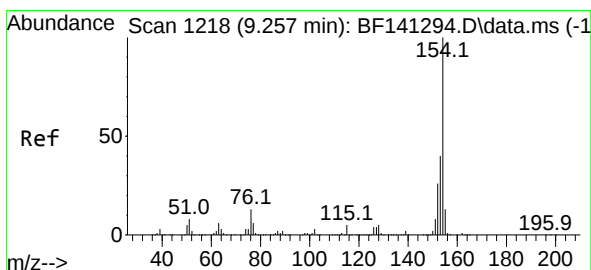
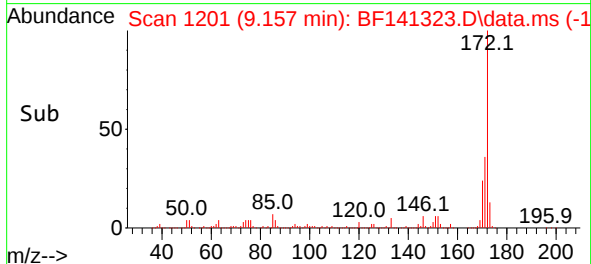
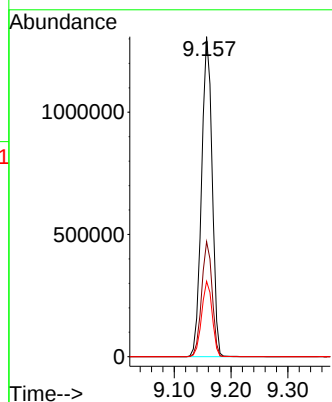
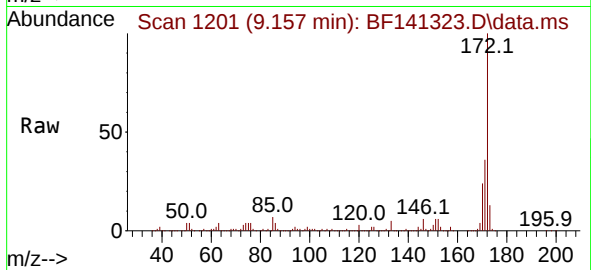
Tgt Ion:172 Resp: 1701617

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 4.629 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

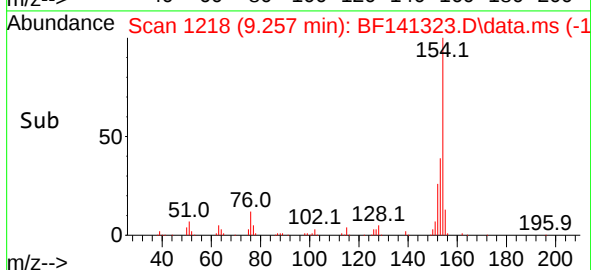
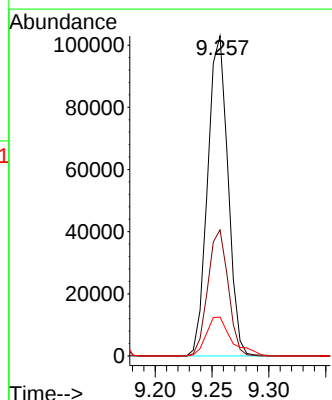
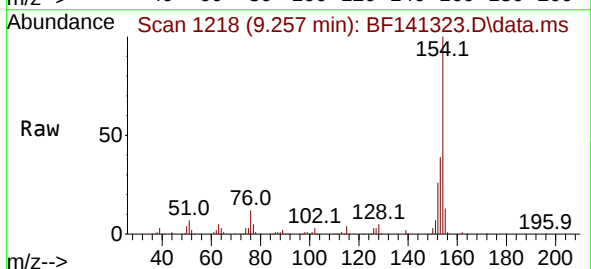
Tgt Ion:154 Resp: 127891

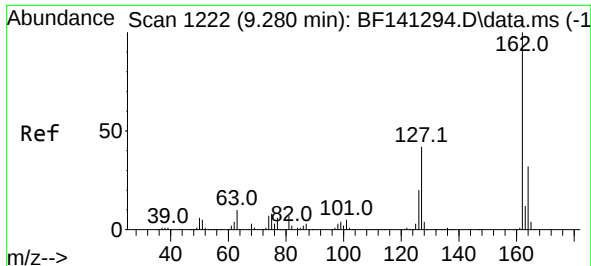
Ion Ratio Lower Upper

154 100

153 39.4 20.0 60.0

76 12.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 4.106 ng

RT: 9.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

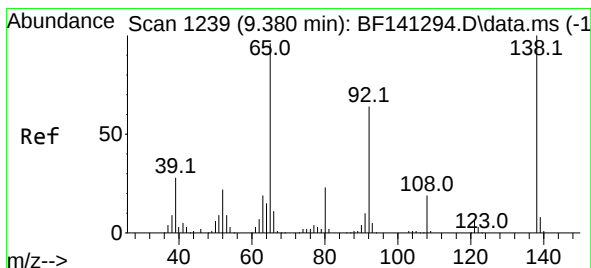
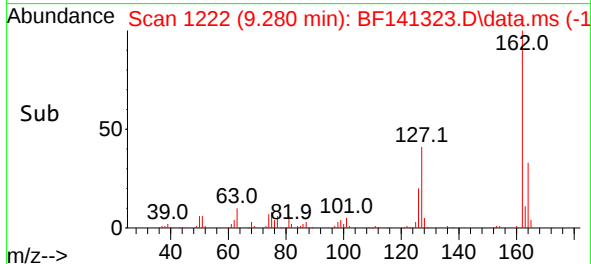
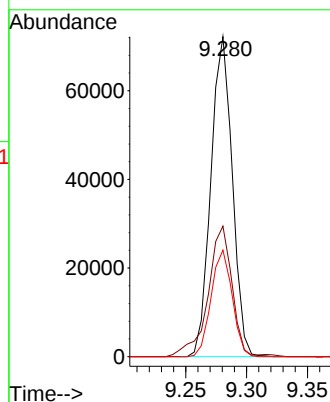
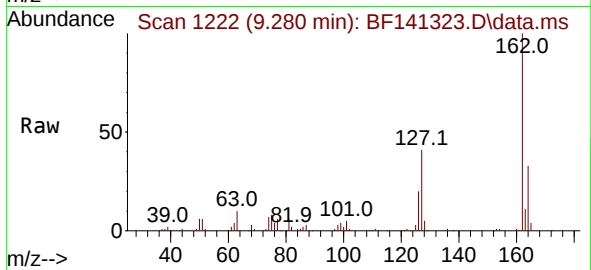
Tgt Ion:162 Resp: 88419

Ion Ratio Lower Upper

162 100

127 40.8 33.7 50.5

164 33.3 25.9 38.9



#48

2-Nitroaniline

Concen: 3.820 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

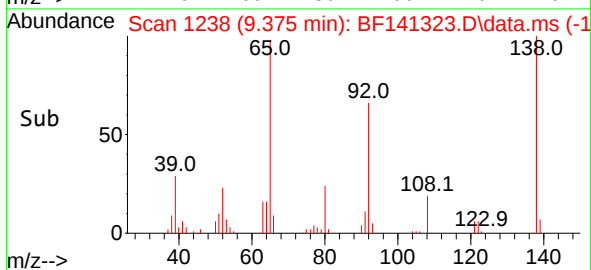
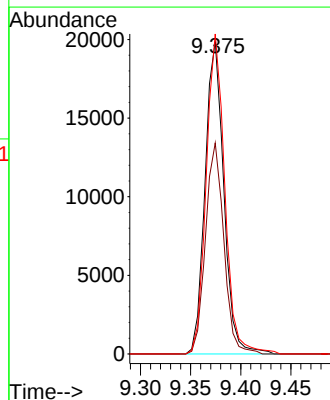
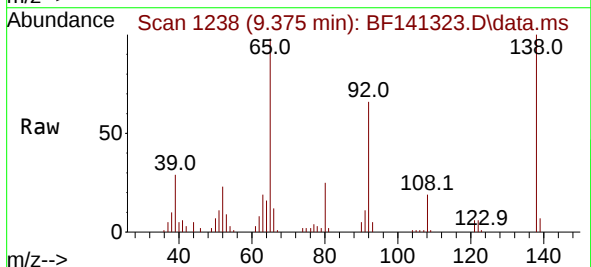
Tgt Ion: 65 Resp: 25875

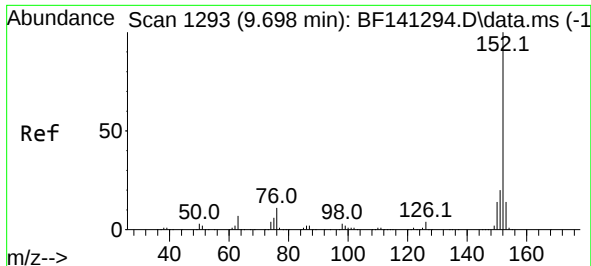
Ion Ratio Lower Upper

65 100

92 67.5 53.3 79.9

138 102.4 83.6 125.4

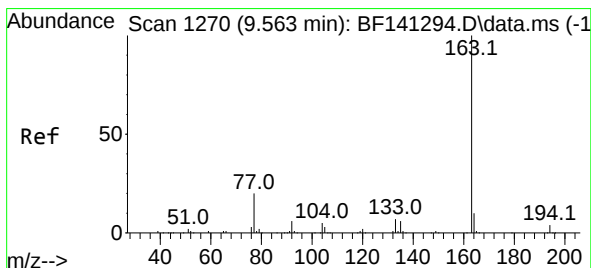
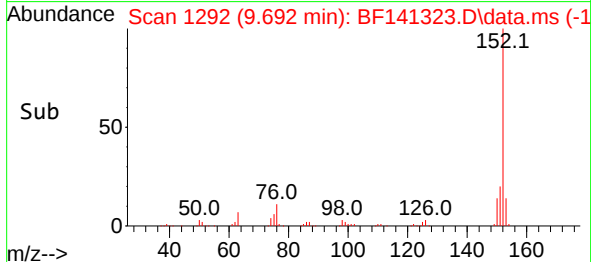
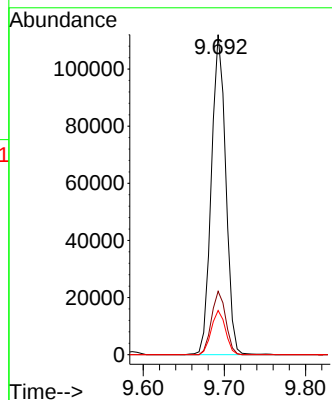
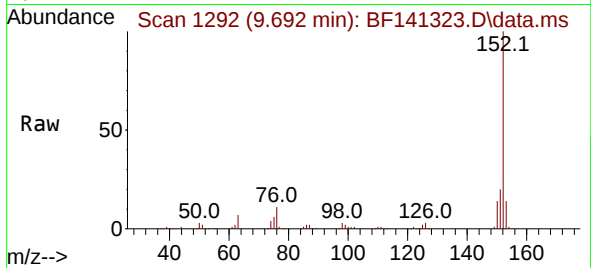




#49
Acenaphthylene
Concen: 4.568 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

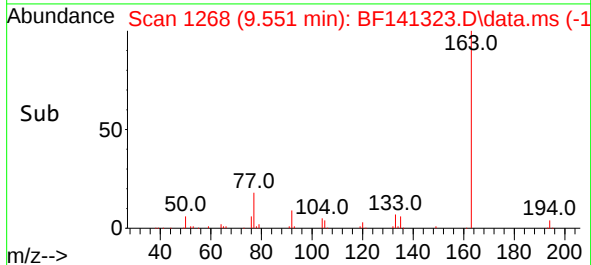
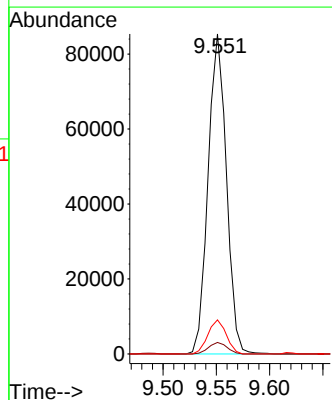
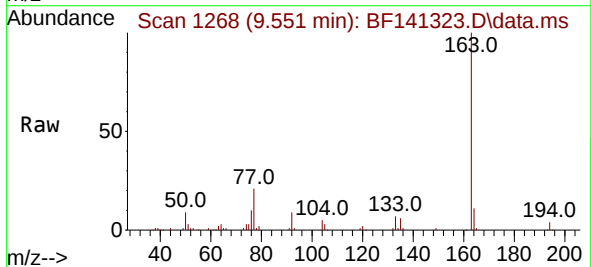
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

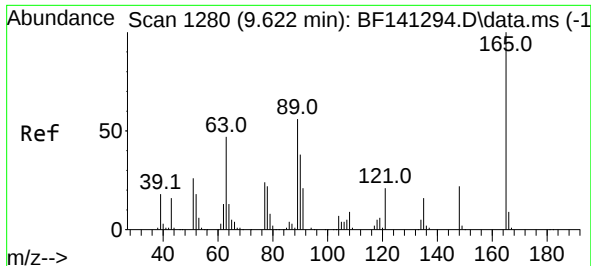
Tgt Ion:152 Resp: 137701
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.8 11.0 16.6



#50
Dimethylphthalate
Concen: 4.275 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:163 Resp: 102293
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.6 8.0 12.0

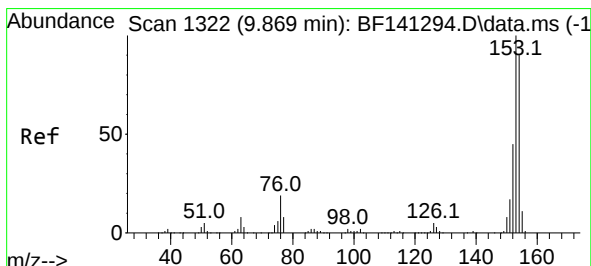
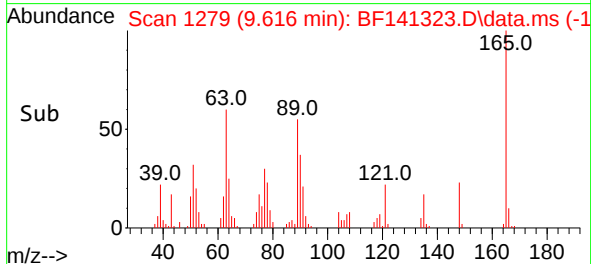
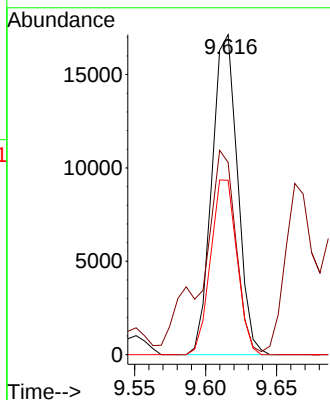
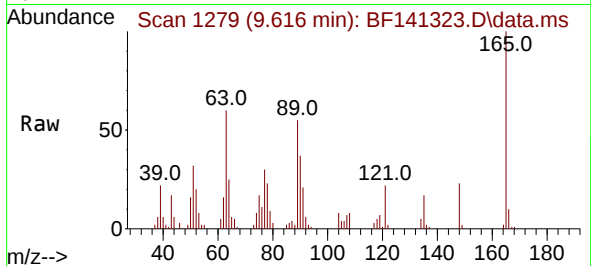




#51
2,6-Dinitrotoluene
Concen: 3.874 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

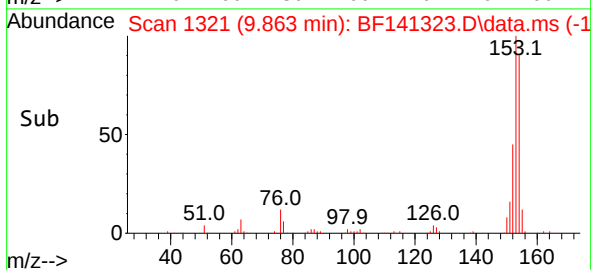
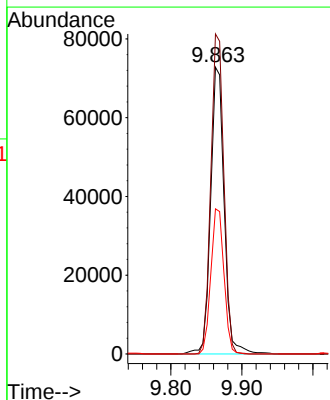
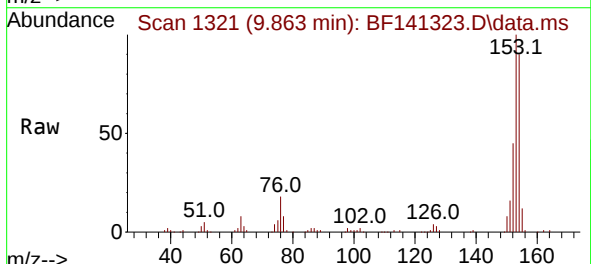
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

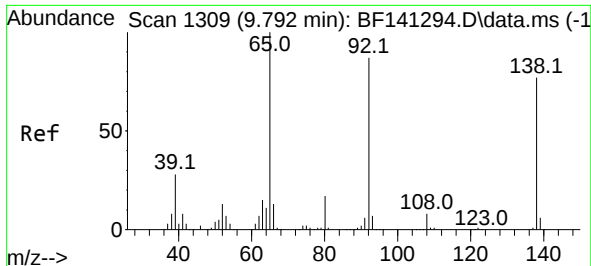
Tgt Ion:165 Resp: 21524
Ion Ratio Lower Upper
165 100
63 60.1 48.1 72.1
89 54.5 44.9 67.3



#52
Acenaphthene
Concen: 4.472 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:154 Resp: 96307
Ion Ratio Lower Upper
154 100
153 111.6 89.0 133.4
152 50.6 40.2 60.4

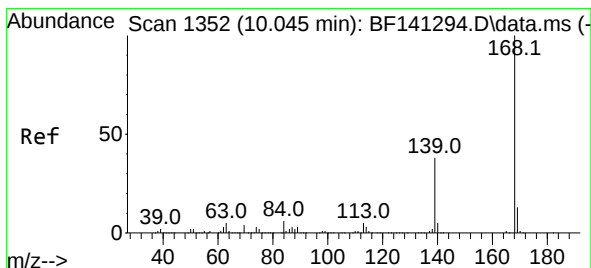
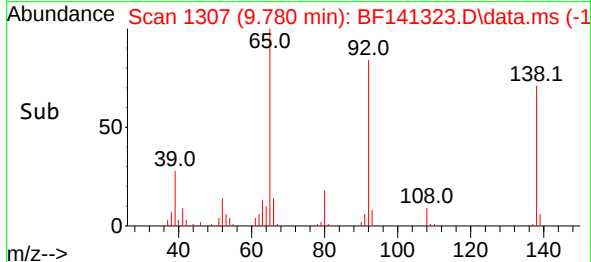
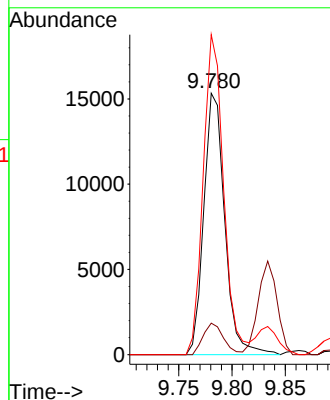
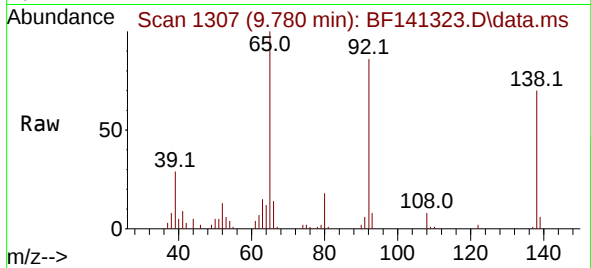




#53
3-Nitroaniline
Concen: 3.863 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

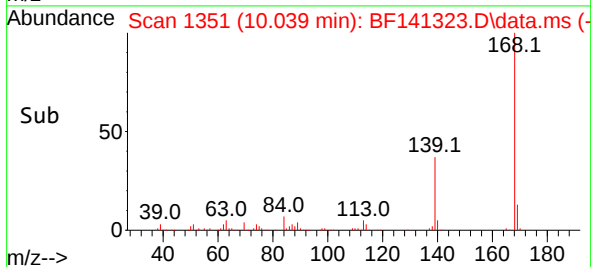
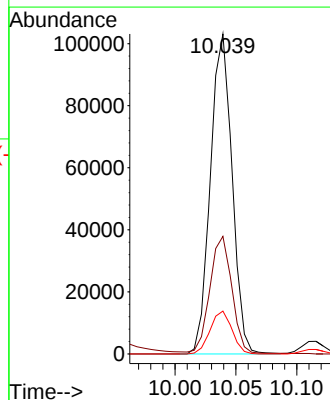
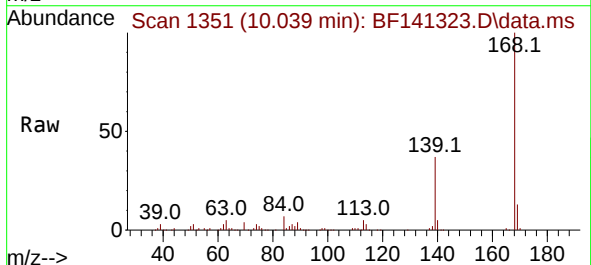
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

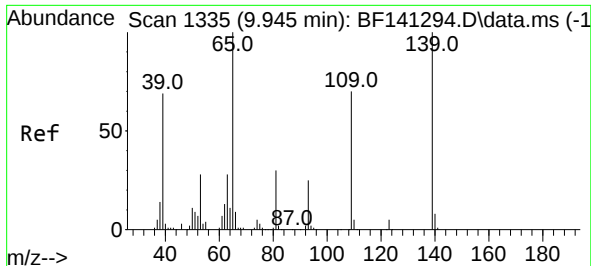
Tgt Ion:138 Resp: 21034
Ion Ratio Lower Upper
138 100
108 12.1 8.6 12.8
92 122.4 91.0 136.6



#55
Dibenzofuran
Concen: 4.431 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:168 Resp: 127742
Ion Ratio Lower Upper
168 100
139 36.7 30.6 46.0
169 13.4 10.8 16.2

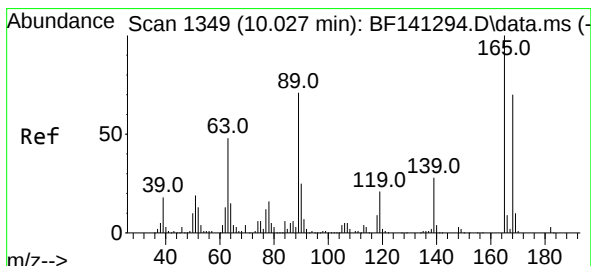
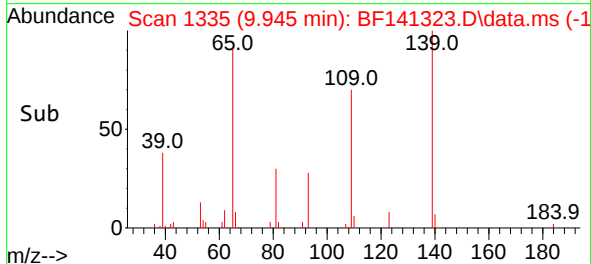
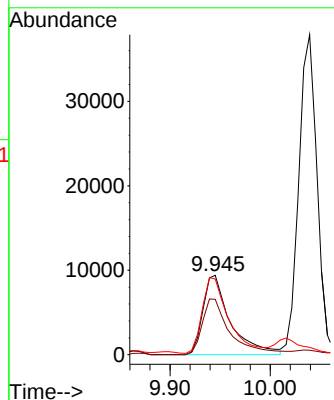
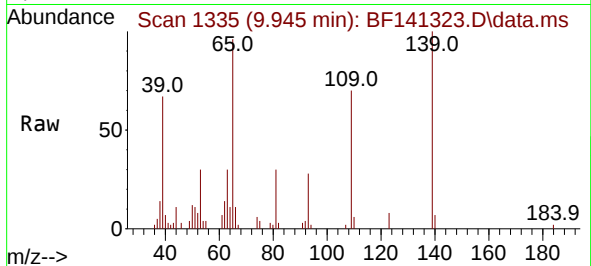




#56
4-Nitrophenol
Concen: 4.514 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

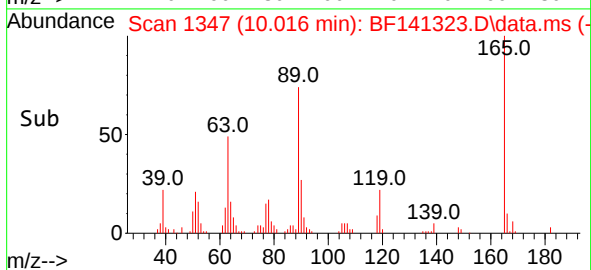
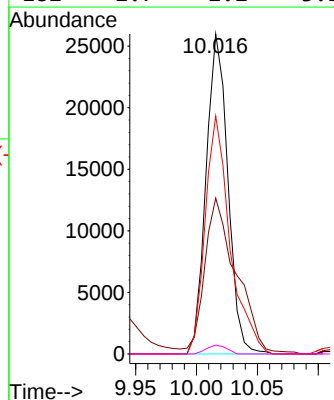
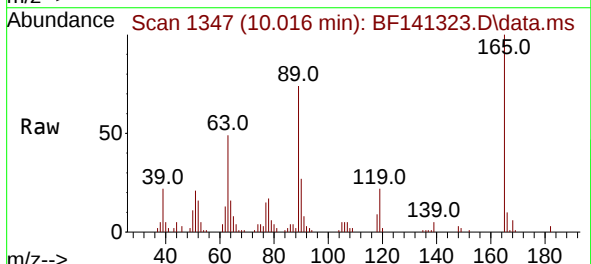
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

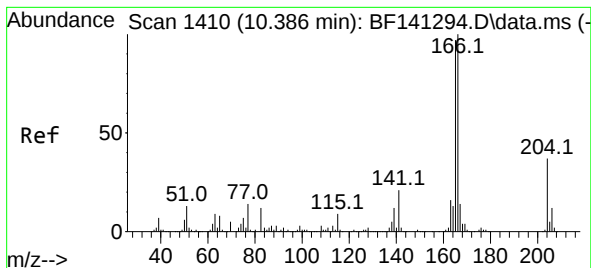
Tgt Ion:139	Resp:	17976
Ion Ratio	Lower	Upper
139	100	
109	69.8	50.2 90.2
65	95.5	80.6 120.6



#57
2,4-Dinitrotoluene
Concen: 4.492 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:165	Resp:	32312
Ion Ratio	Lower	Upper
165	100	
63	48.7	39.2 58.8
89	74.3	56.9 85.3
182	2.7	2.2 3.2





#58

Fluorene

Concen: 4.515 ng

RT: 10.380 min Scan# 1410

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

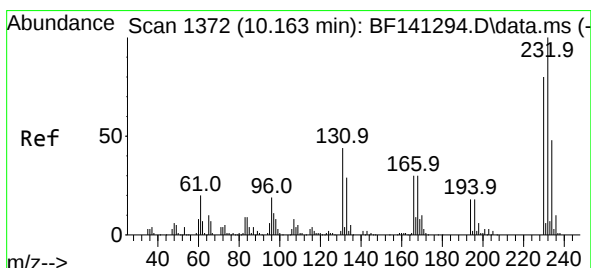
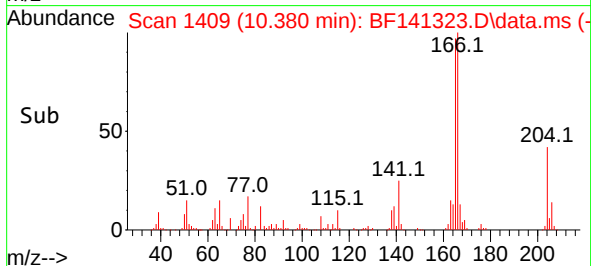
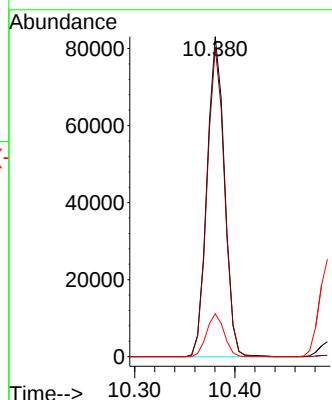
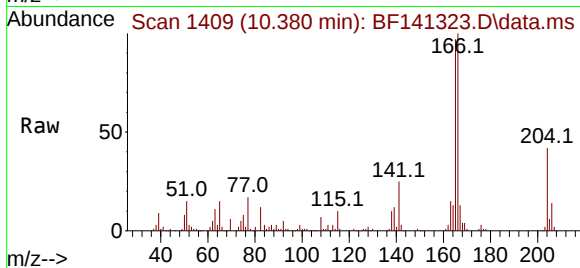
Tgt Ion:166 Resp: 100962

Ion Ratio Lower Upper

166 100

165 96.7 77.5 116.3

167 13.4 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.189 ng

RT: 10.157 min Scan# 1371

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Tgt Ion:232 Resp: 23662

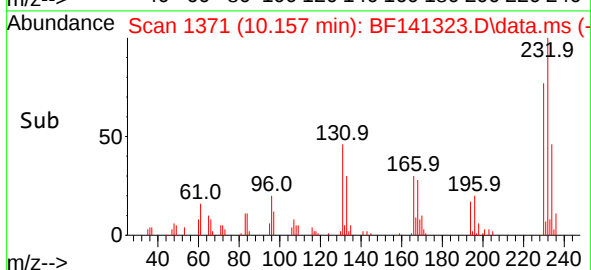
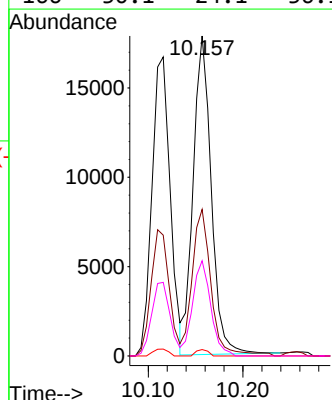
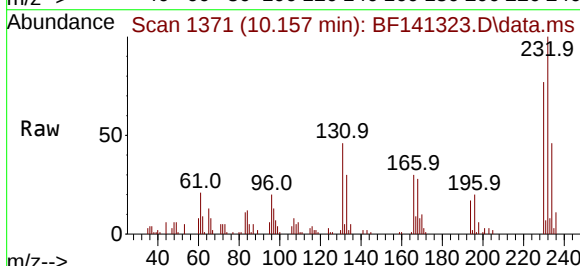
Ion Ratio Lower Upper

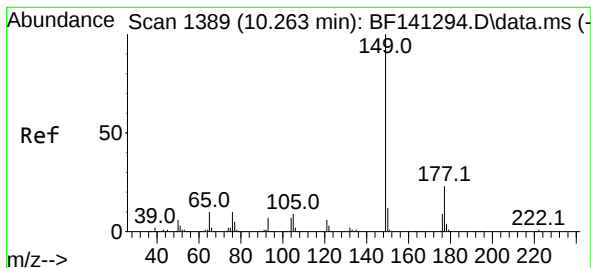
232 100

131 48.2 36.4 54.6

130 1.4 1.9 2.9#

166 30.1 24.1 36.1





#60

Diethylphthalate

Concen: 4.352 ng

RT: 10.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

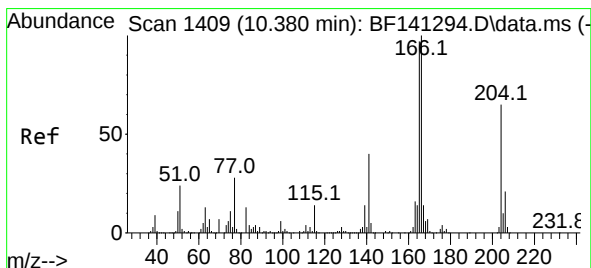
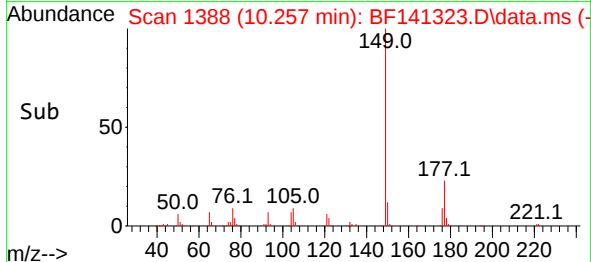
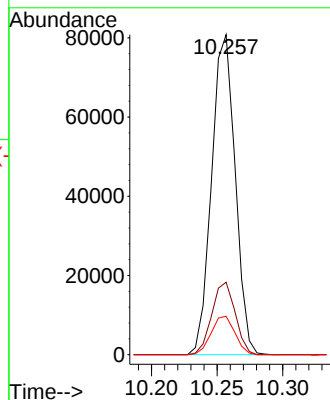
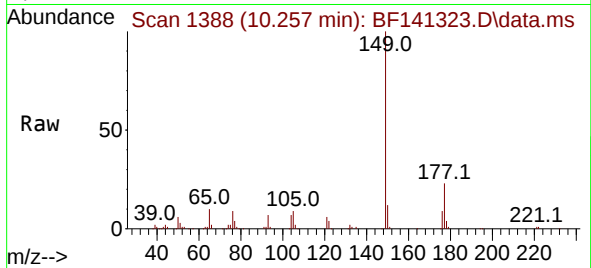
Tgt Ion:149 Resp: 100965

Ion Ratio Lower Upper

149 100

177 22.6 18.5 27.7

150 12.0 10.0 15.0



#61

4-Chlorophenyl-phenylether

Concen: 4.417 ng

RT: 10.375 min Scan# 1408

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

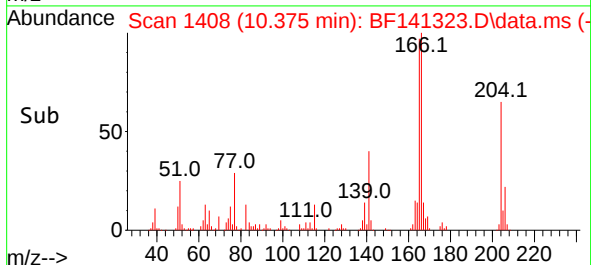
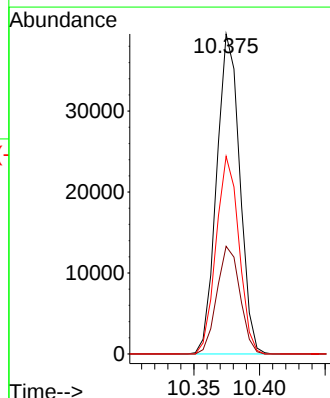
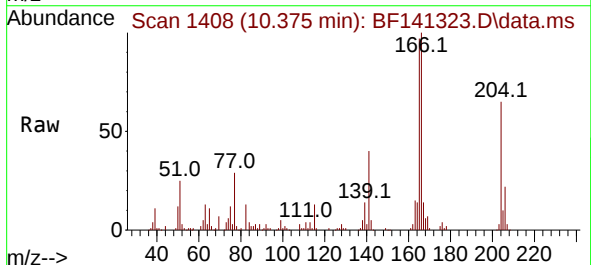
Tgt Ion:204 Resp: 48250

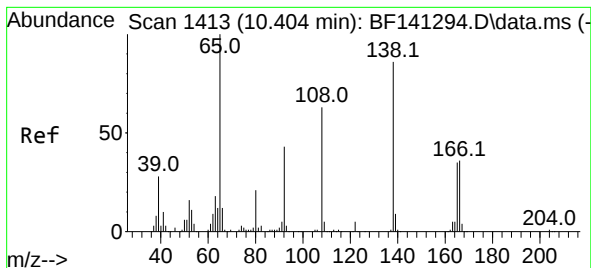
Ion Ratio Lower Upper

204 100

206 33.7 25.9 38.9

141 61.7 49.5 74.3





#62

4-Nitroaniline

Concen: 3.652 ng

RT: 10.392 min Scan# 1411

Delta R.T. -0.024 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

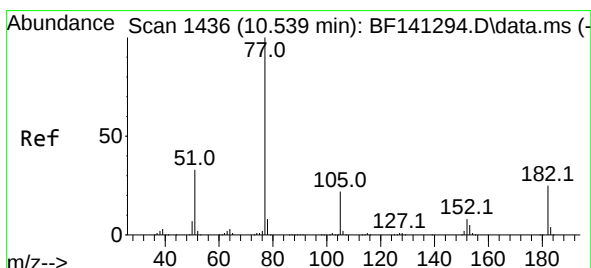
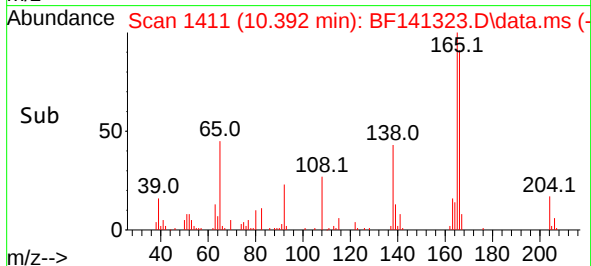
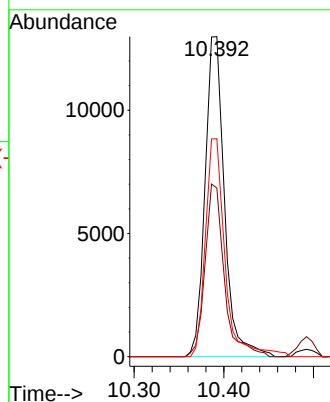
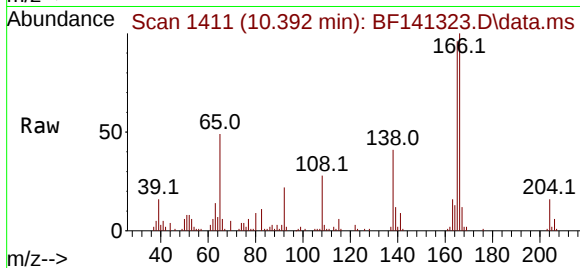
Tgt Ion:138 Resp: 19551

Ion Ratio Lower Upper

138 100

92 52.7 30.1 70.1

108 68.1 53.1 93.1



#63

Azobenzene

Concen: 4.329 ng

RT: 10.539 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Tgt Ion: 77 Resp: 100535

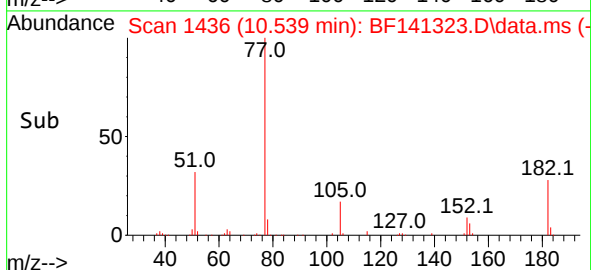
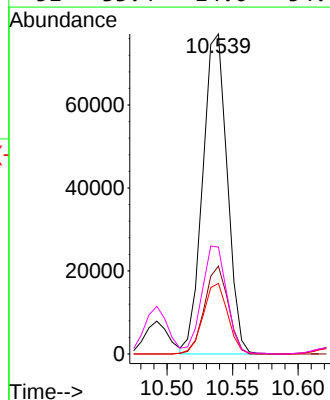
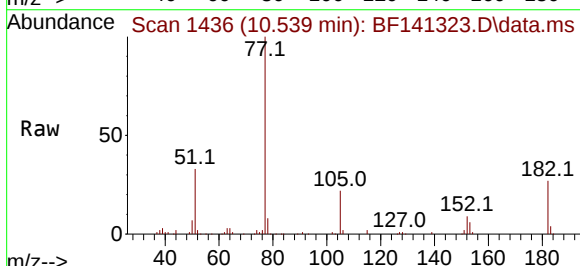
Ion Ratio Lower Upper

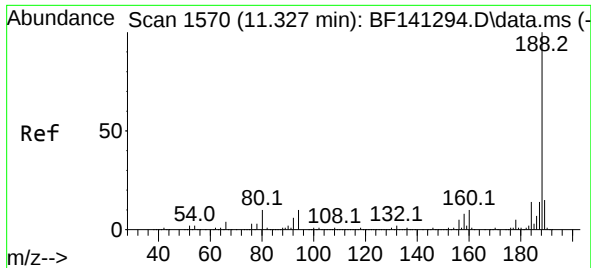
77 100

182 27.5 5.1 45.1

105 22.1 1.8 41.8

51 33.4 14.0 54.0

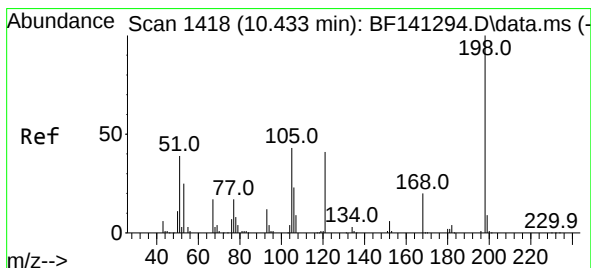
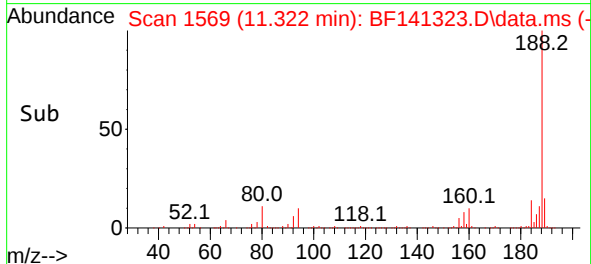
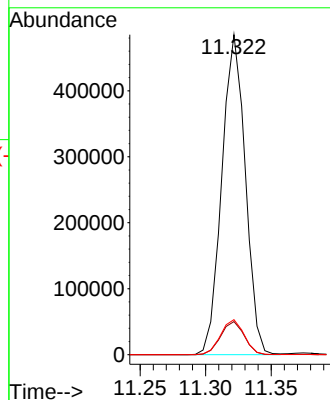
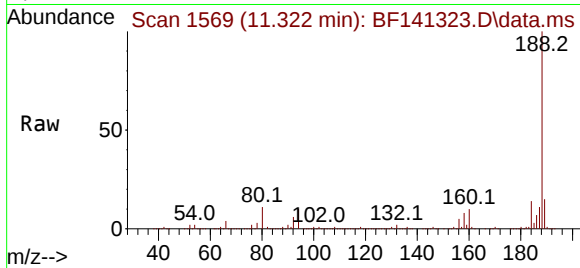




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

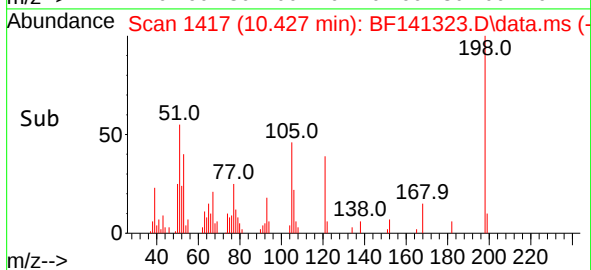
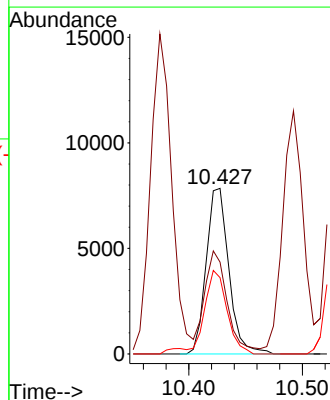
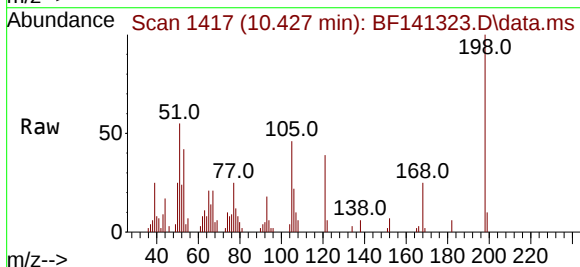
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

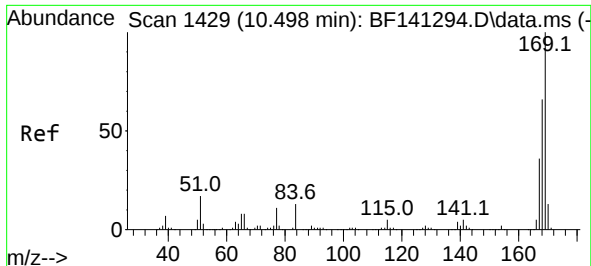
Tgt Ion:188 Resp: 604042
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.0 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 3.035 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:198 Resp: 10842
Ion Ratio Lower Upper
198 100
51 55.5 33.4 73.4
105 46.1 24.4 64.4

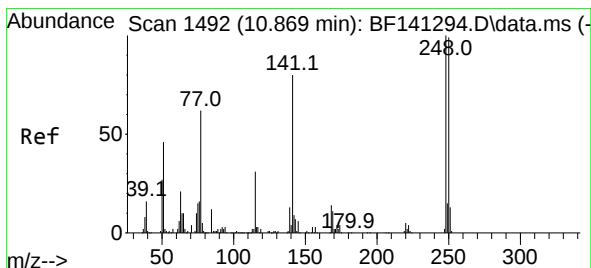
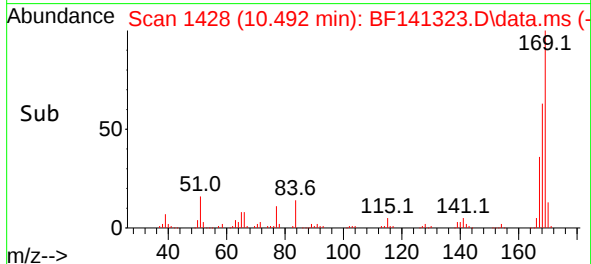
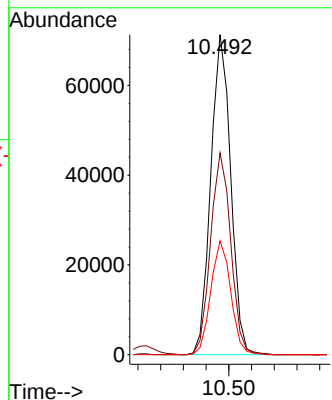
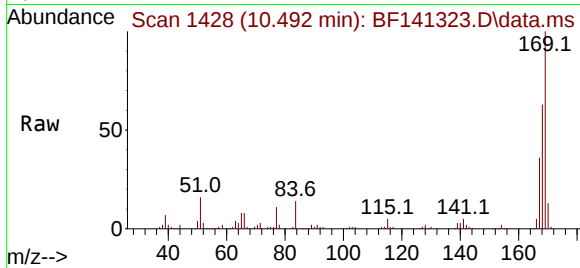




#66
n-Nitrosodiphenylamine
Concen: 4.442 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

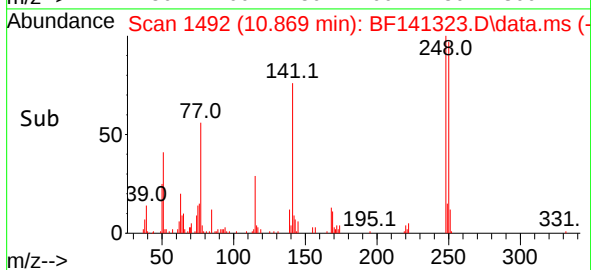
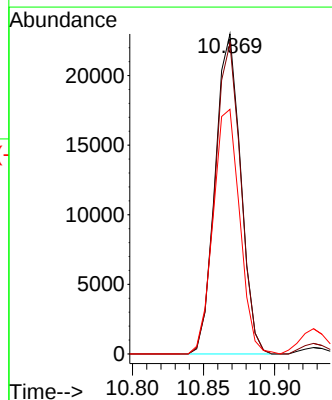
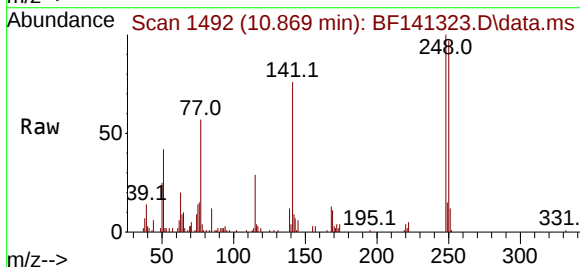
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

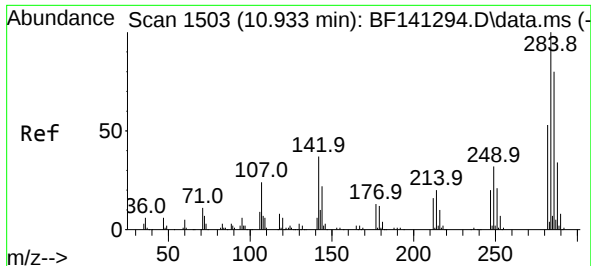
Tgt Ion:169 Resp: 86790
Ion Ratio Lower Upper
169 100
168 63.0 53.0 79.4
167 35.6 28.8 43.2



#67
4-Bromophenyl-phenylether
Concen: 4.242 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:248 Resp: 28683
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.4
141 76.4 63.7 95.5

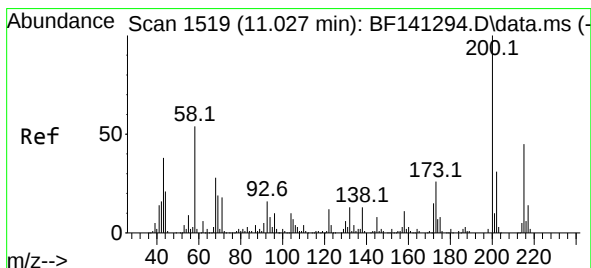
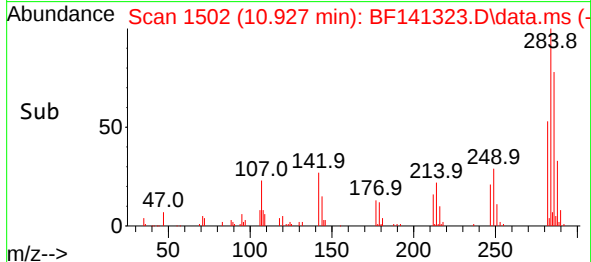
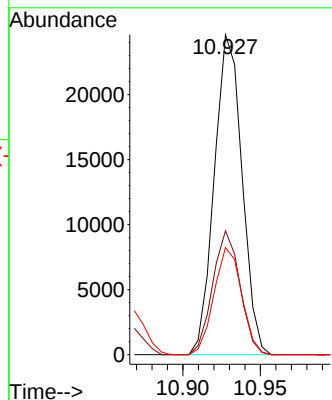
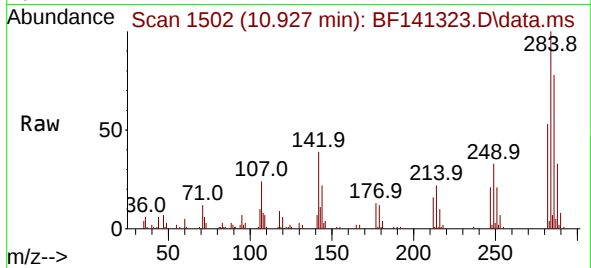




#68
Hexachlorobenzene
Concen: 4.263 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

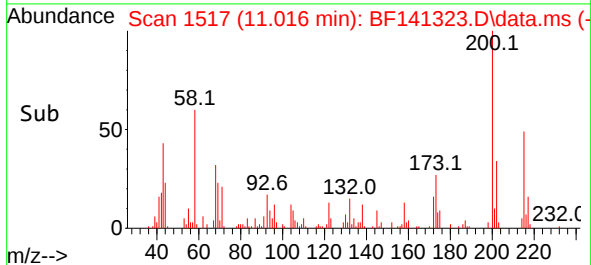
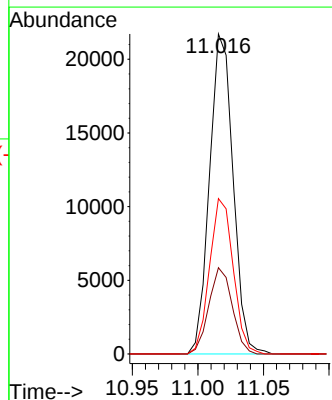
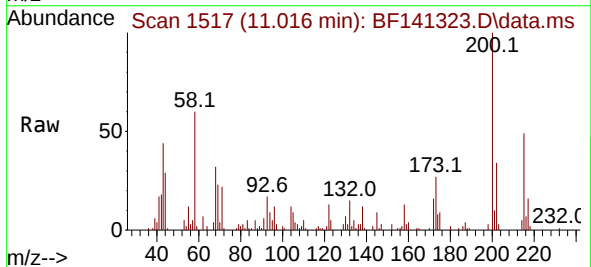
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

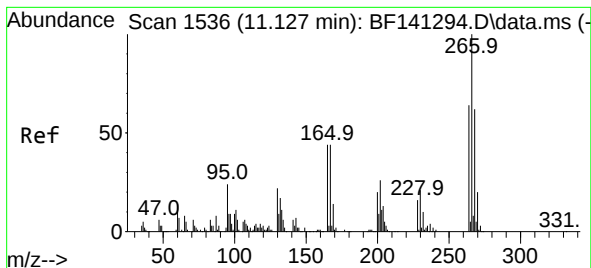
Tgt Ion:284 Resp: 30578
Ion Ratio Lower Upper
284 100
142 38.7 29.5 44.3
249 33.5 25.4 38.2



#69
Atrazine
Concen: 4.147 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:200 Resp: 27088
Ion Ratio Lower Upper
200 100
173 27.0 5.9 45.9
215 48.6 25.2 65.2





#70

Pentachlorophenol

Concen: 4.532 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

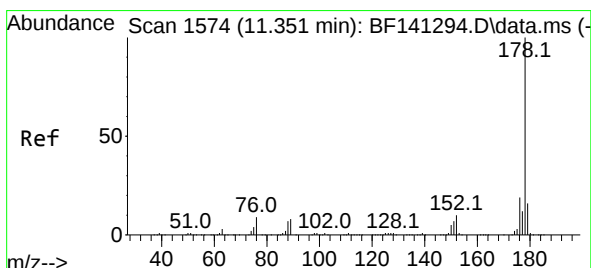
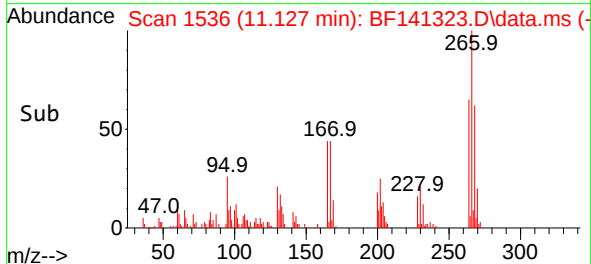
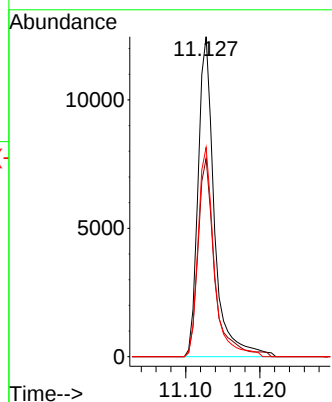
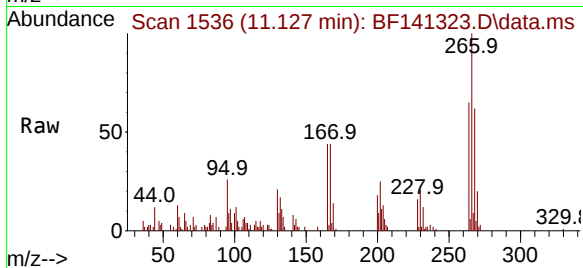
Tgt Ion:266 Resp: 19036

Ion Ratio Lower Upper

266 100

268 61.9 49.9 74.9

264 65.4 51.0 76.4



#71

Phenanthrene

Concen: 4.723 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

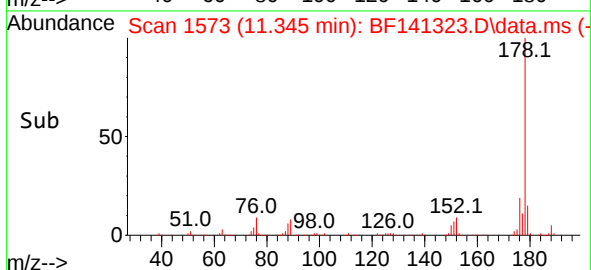
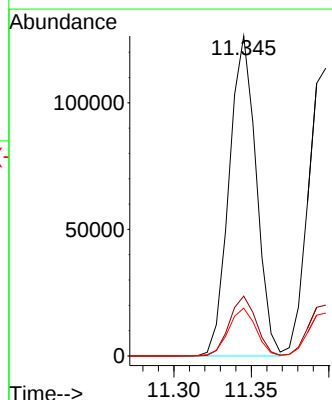
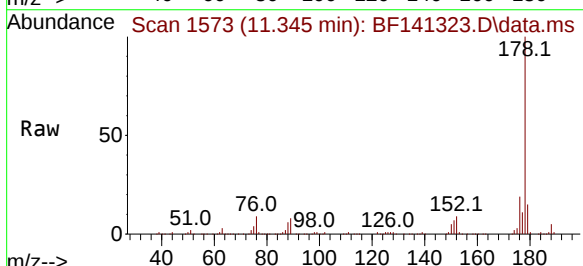
Tgt Ion:178 Resp: 153362

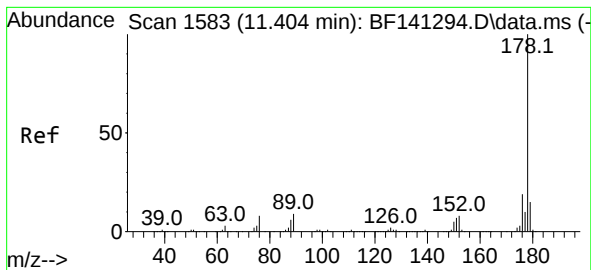
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 14.9 12.5 18.7





#72

Anthracene

Concen: 4.621 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

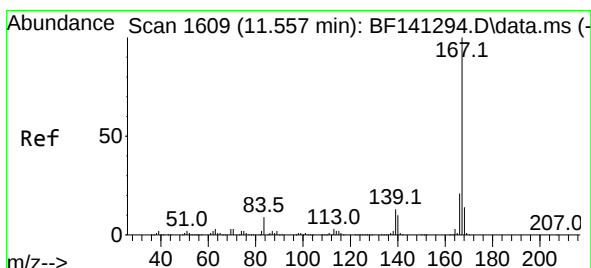
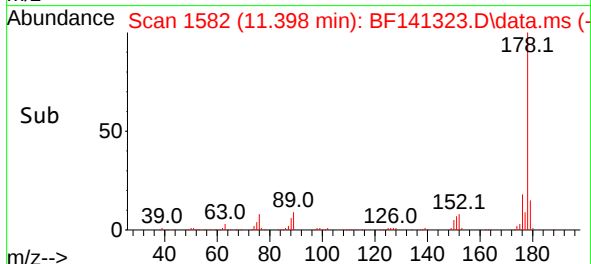
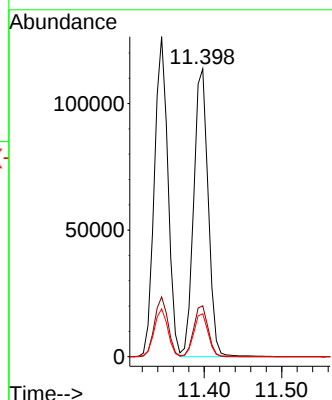
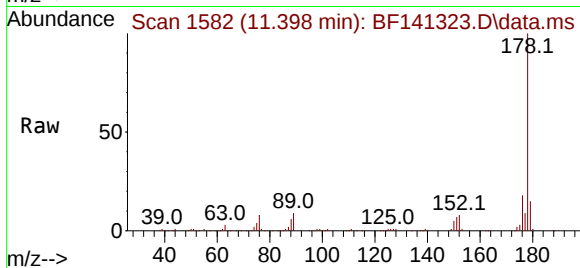
Tgt Ion:178 Resp: 147018

Ion Ratio Lower Upper

178 100

176 17.7 15.0 22.6

179 14.9 12.3 18.5



#73

Carbazole

Concen: 4.514 ng

RT: 11.551 min Scan# 1608

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

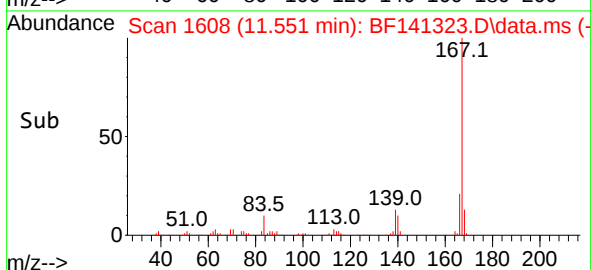
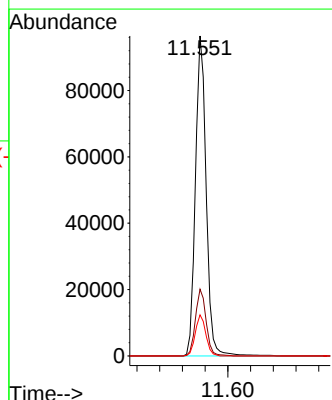
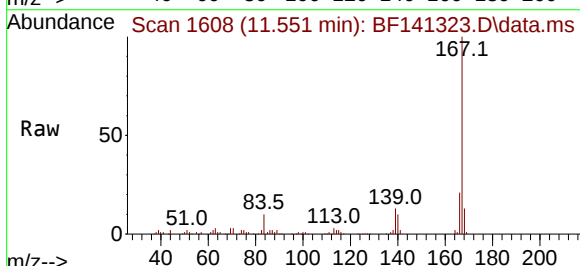
Tgt Ion:167 Resp: 127352

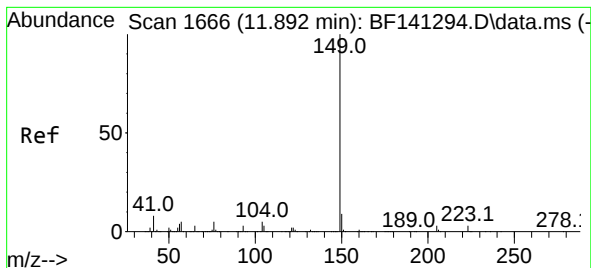
Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.6

139 12.9 10.6 16.0





#74

Di-n-butylphthalate

Concen: 4.861 ng

RT: 11.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

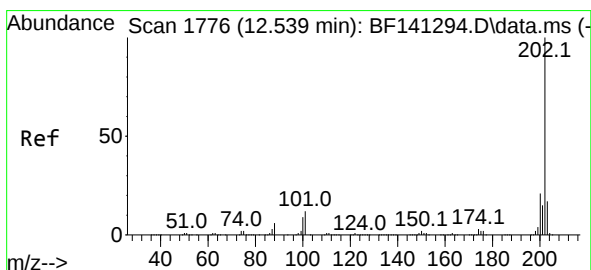
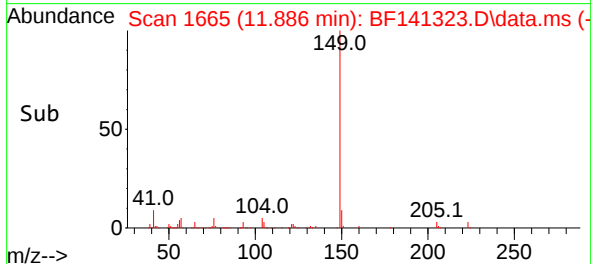
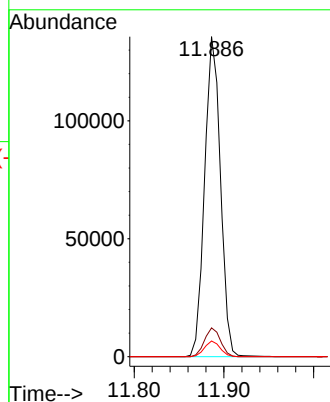
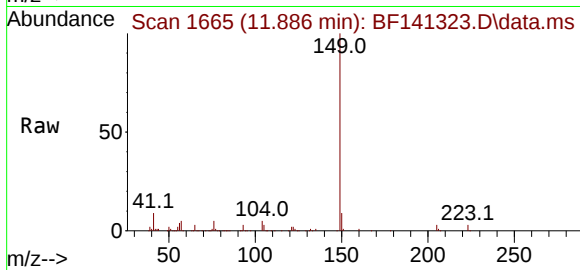
Tgt Ion:149 Resp: 166179

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 4.9 3.9 5.9



#75

Fluoranthene

Concen: 4.850 ng

RT: 12.533 min Scan# 1775

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

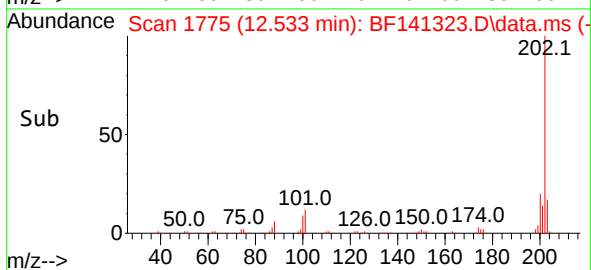
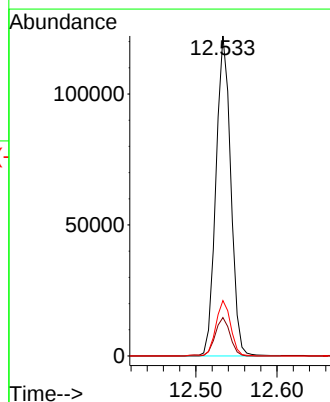
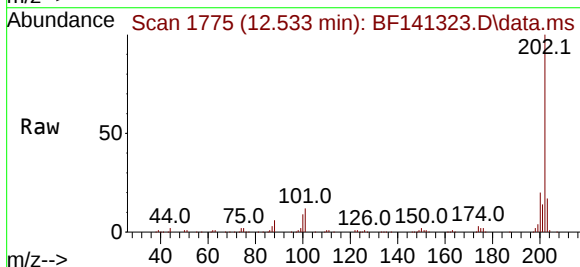
Tgt Ion:202 Resp: 155498

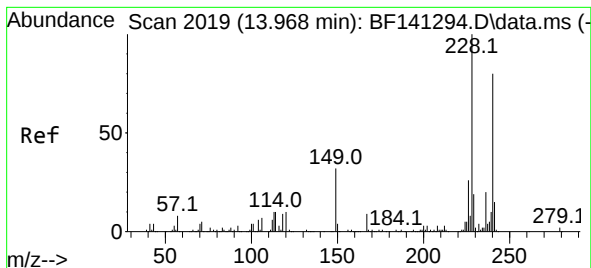
Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.7

203 17.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

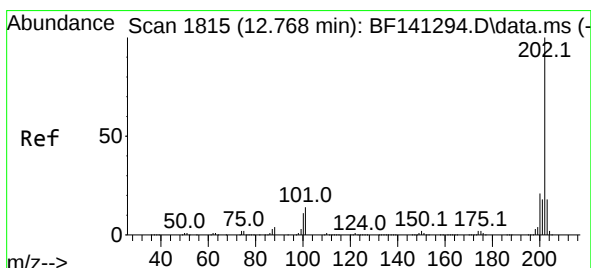
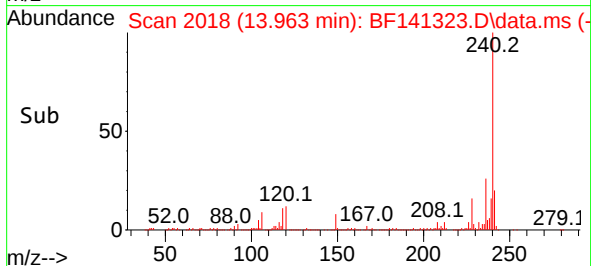
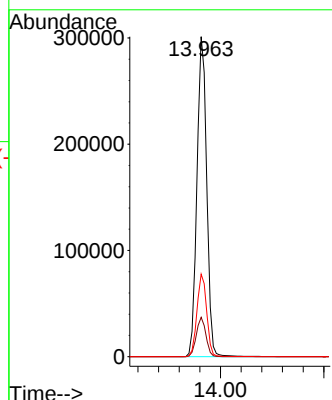
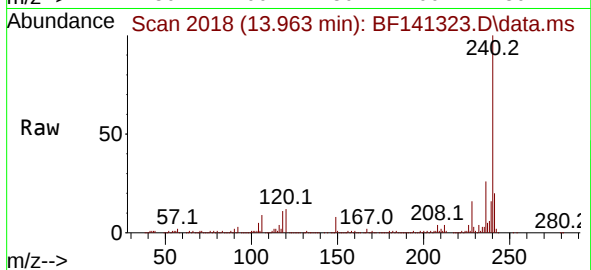
Tgt Ion:240 Resp: 394401

Ion Ratio Lower Upper

240 100

120 12.3 10.0 15.0

236 25.8 19.7 29.5



#78

Pyrene

Concen: 4.928 ng

RT: 12.763 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

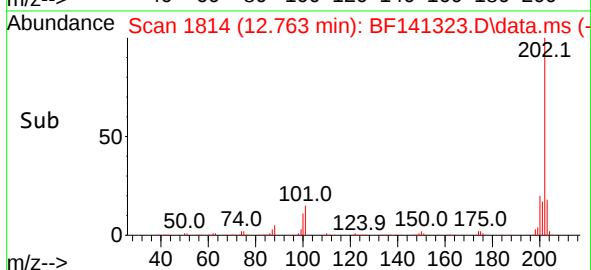
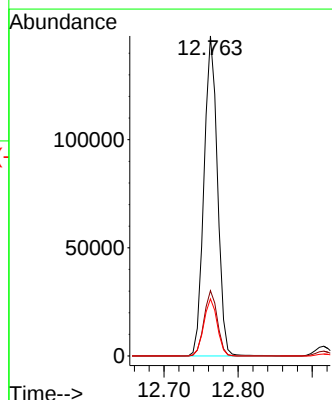
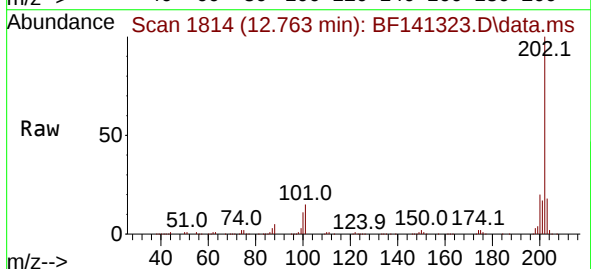
Tgt Ion:202 Resp: 186564

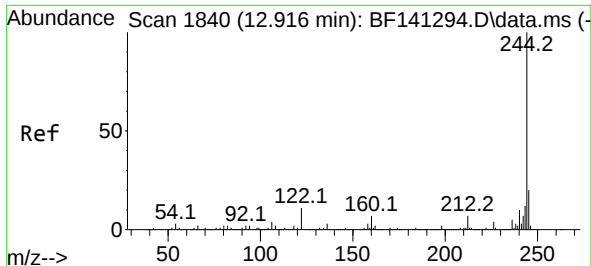
Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.4

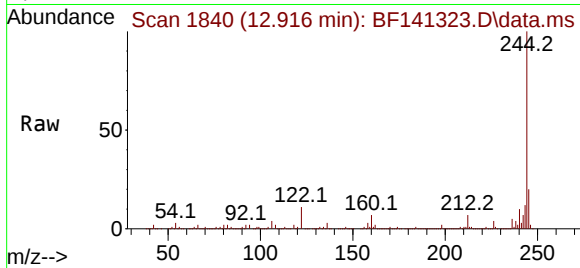
203 17.9 14.3 21.5



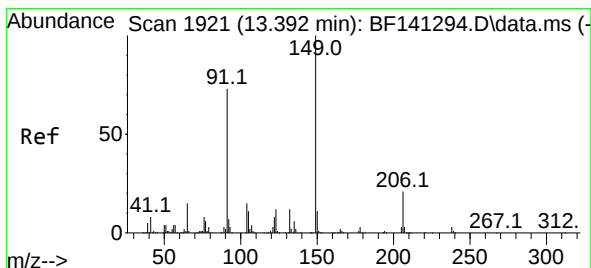
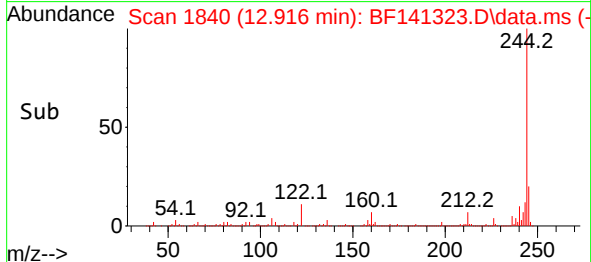
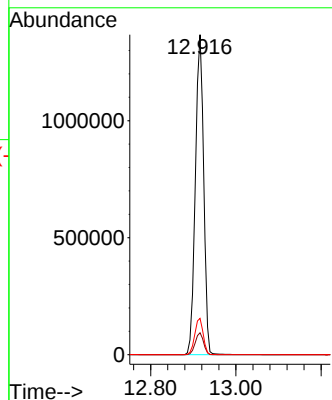


#79
 Terphenyl-d14
 Concen: 72.145 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141323.D
 Acq: 31 Jan 2025 11:08

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2025

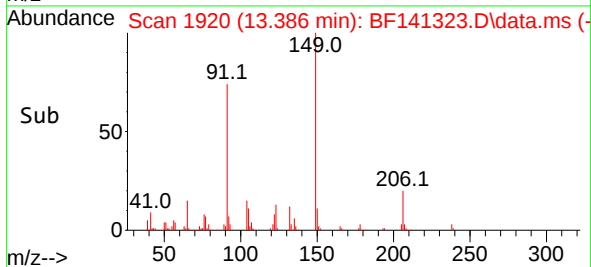
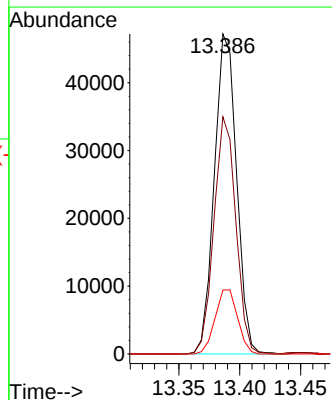
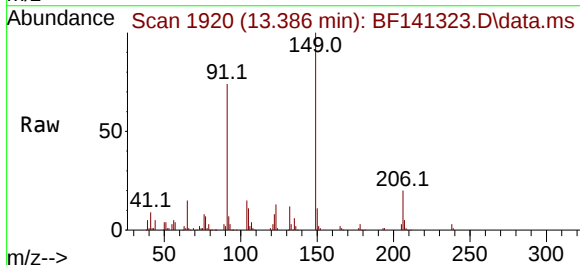


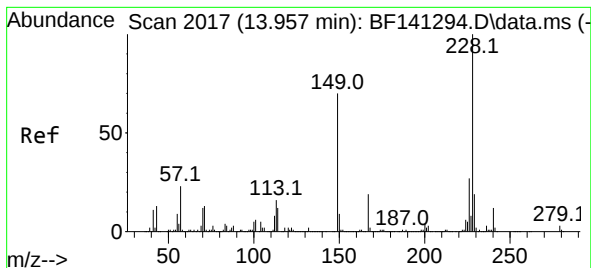
Tgt Ion:244 Resp: 1845041
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.3 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 4.540 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141323.D
 Acq: 31 Jan 2025 11:08

Tgt Ion:149 Resp: 60051
 Ion Ratio Lower Upper
 149 100
 91 74.1 58.6 87.8
 206 20.0 16.7 25.1





#81

Benzo(a)anthracene

Concen: 4.193 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

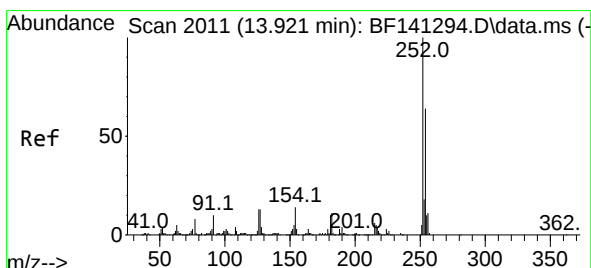
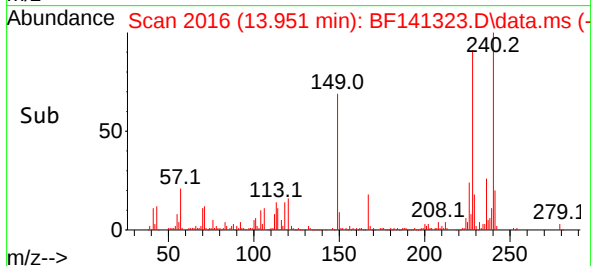
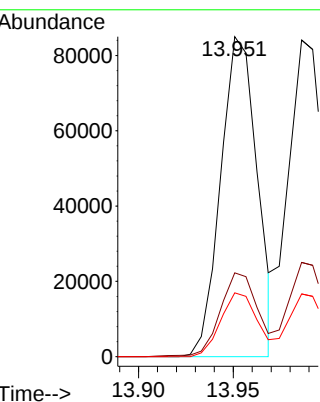
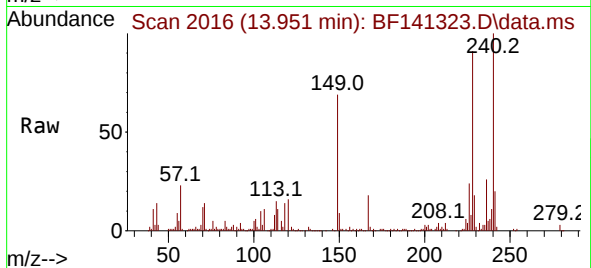
Tgt Ion:228 Resp: 114108

Ion Ratio Lower Upper

228 100

226 26.2 21.4 32.2

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 3.440 ng

RT: 13.921 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

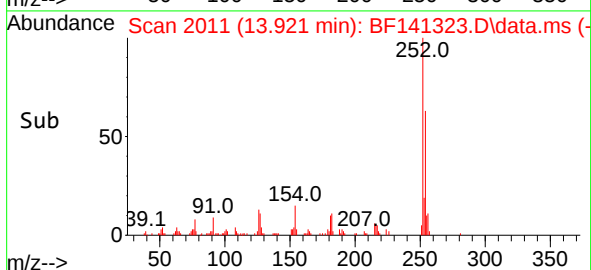
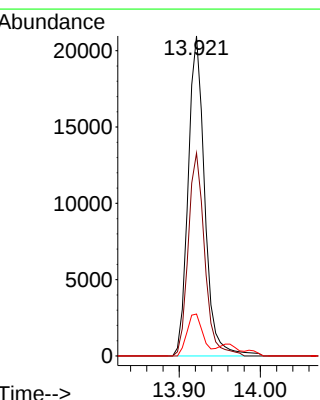
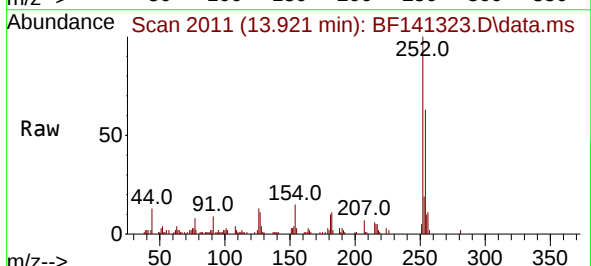
Tgt Ion:252 Resp: 29780

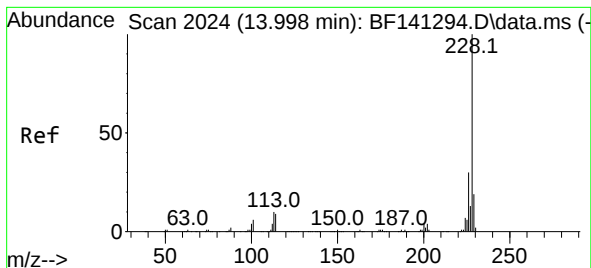
Ion Ratio Lower Upper

252 100

254 63.4 51.3 76.9

126 13.1 10.0 15.0





#83

Chrysene

Concen: 4.495 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

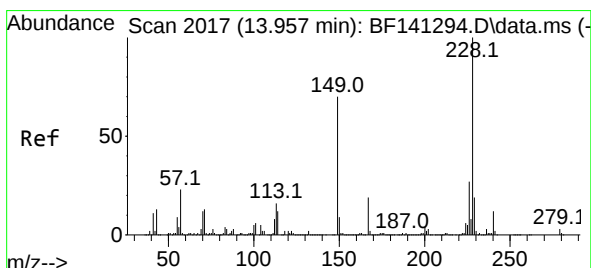
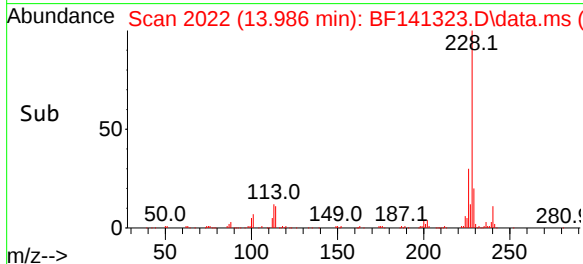
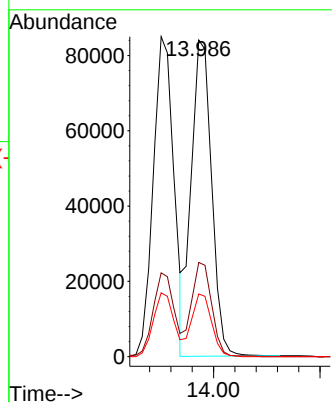
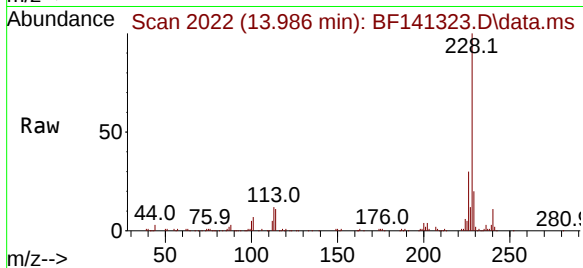
Tgt Ion:228 Resp: 112125

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.811 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

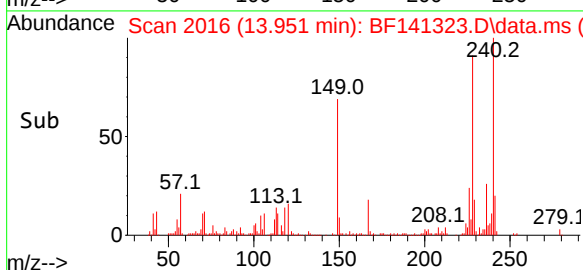
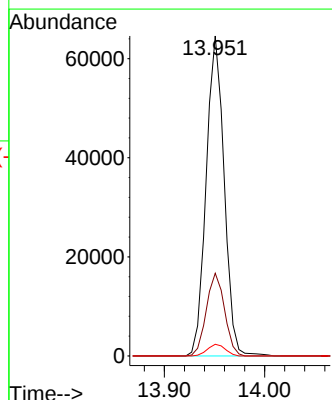
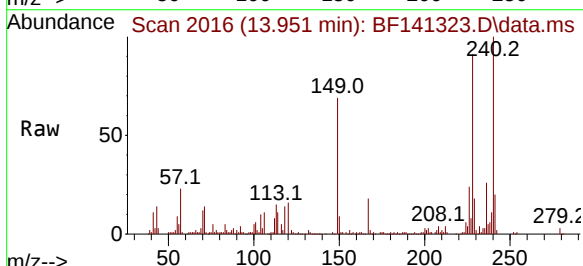
Tgt Ion:149 Resp: 80713

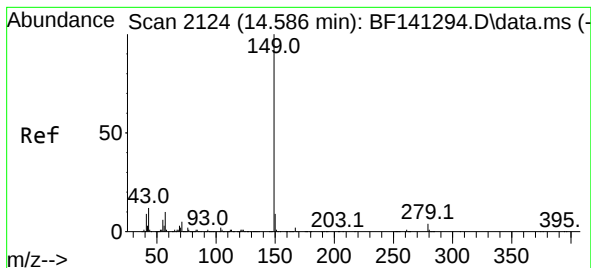
Ion Ratio Lower Upper

149 100

167 25.8 21.8 32.8

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 4.295 ng

RT: 14.574 min Scan# 2122

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

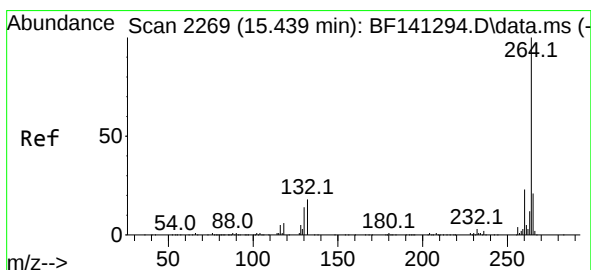
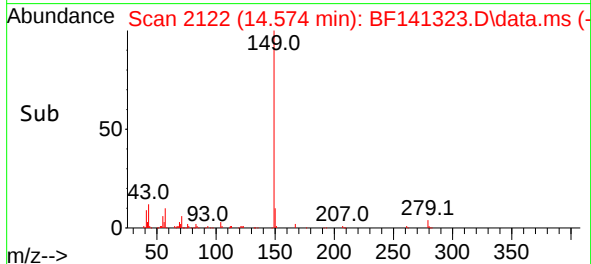
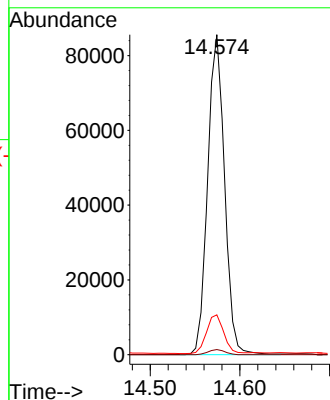
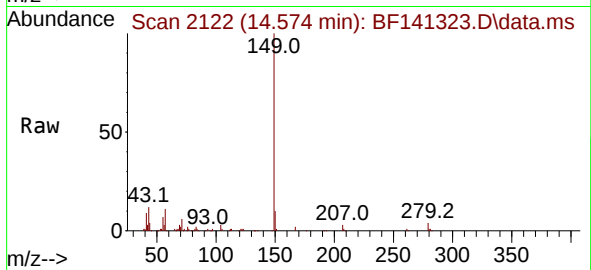
Tgt Ion:149 Resp: 111935

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.5 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

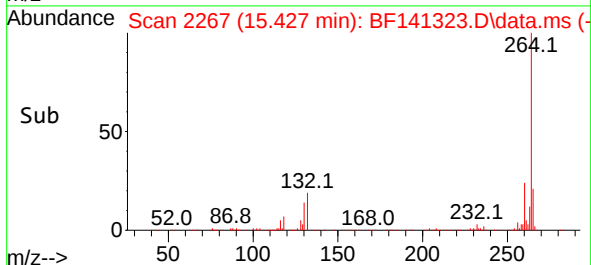
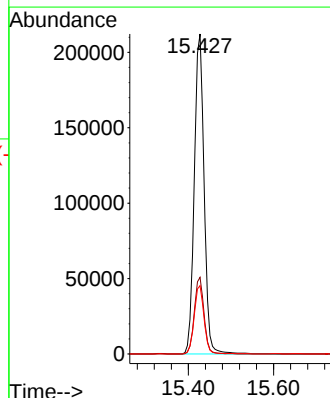
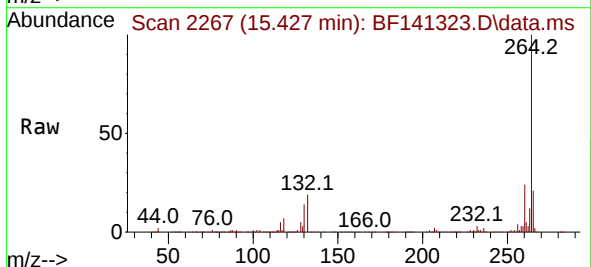
Tgt Ion:264 Resp: 339481

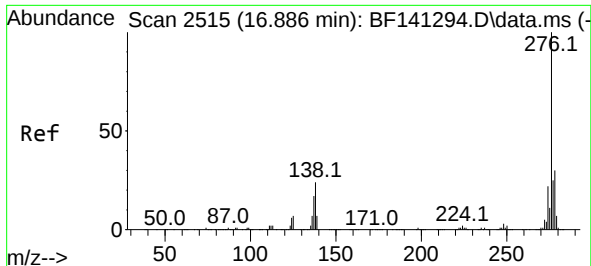
Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

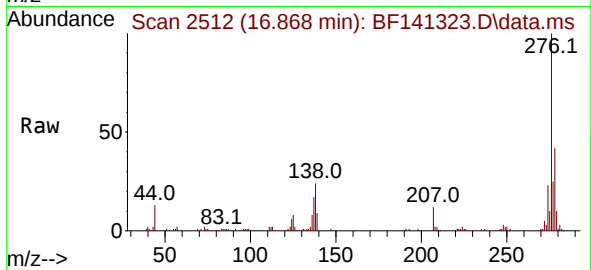
265 21.3 16.7 25.1



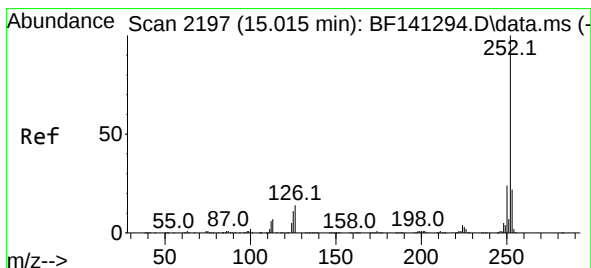
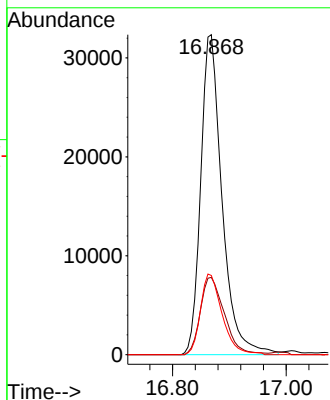
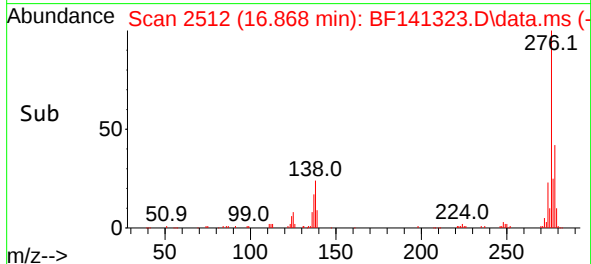


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.847 ng
RT: 16.868 min Scan# 21195
Delta R.T. -0.030 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

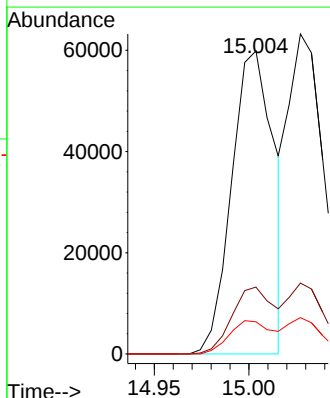
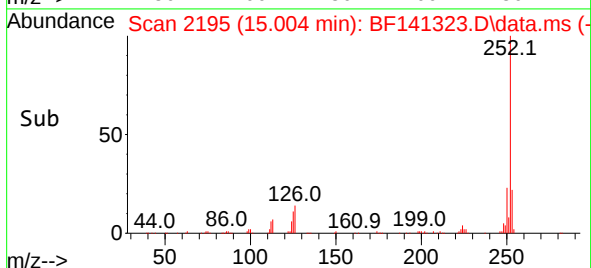
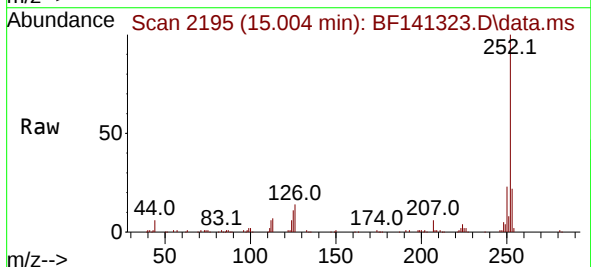


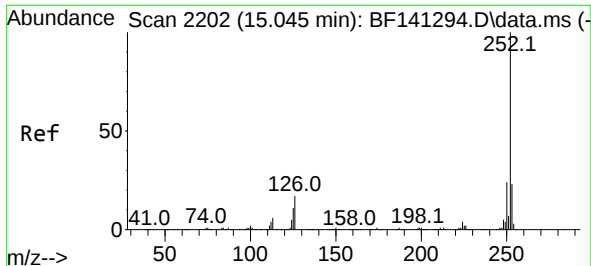
Tgt Ion:276 Resp: 84295
Ion Ratio Lower Upper
276 100
138 27.2 21.7 32.5
277 25.6 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 4.354 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:252 Resp: 92973
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.6 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 4.576 ng

RT: 15.027 min Scan# 2199

Delta R.T. -0.024 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

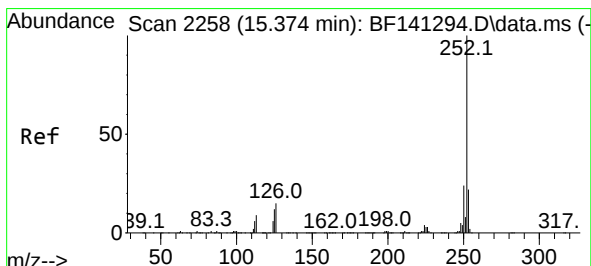
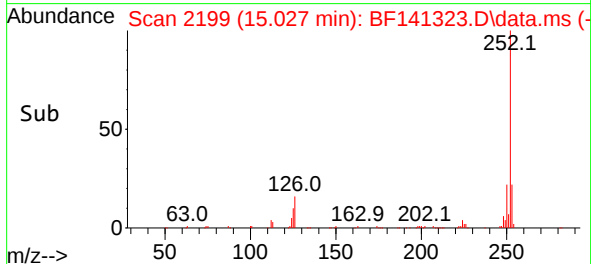
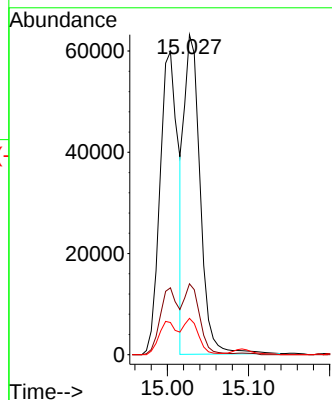
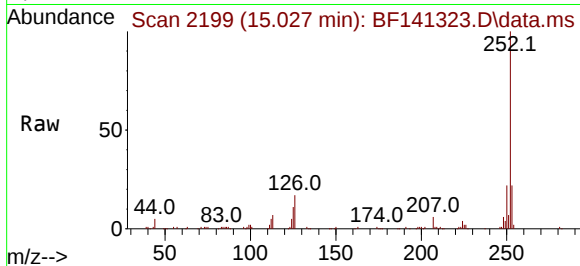
Tgt Ion:252 Resp: 86566

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.4 8.4 12.6



#90

Benzo(a)pyrene

Concen: 4.351 ng

RT: 15.362 min Scan# 2256

Delta R.T. -0.018 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

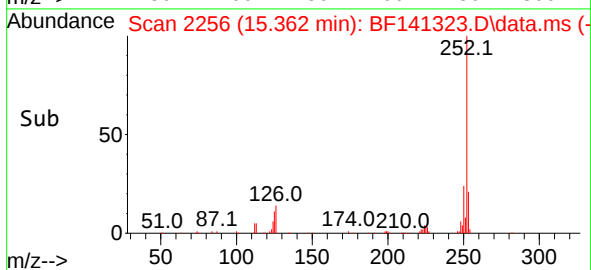
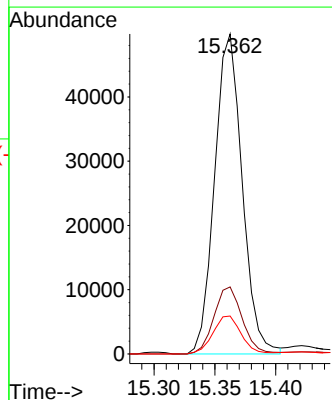
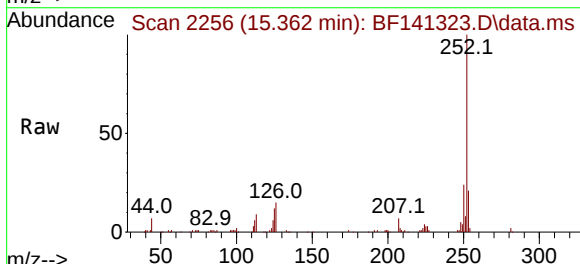
Tgt Ion:252 Resp: 78515

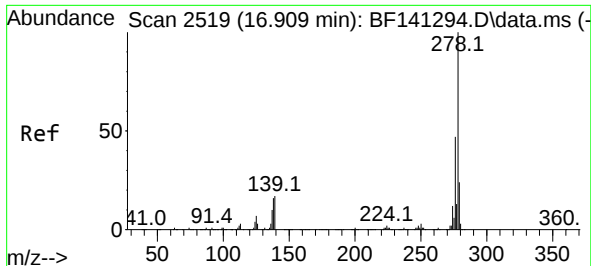
Ion Ratio Lower Upper

252 100

253 21.0 17.2 25.8

125 11.8 9.4 14.2

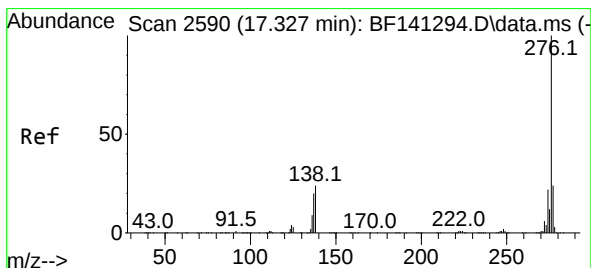
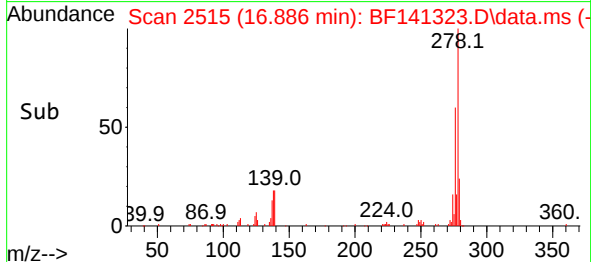
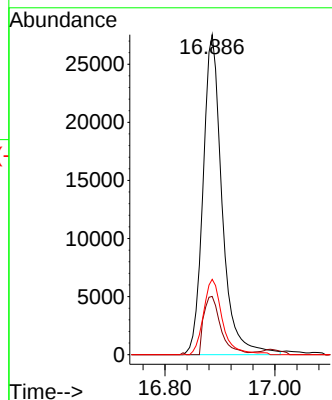
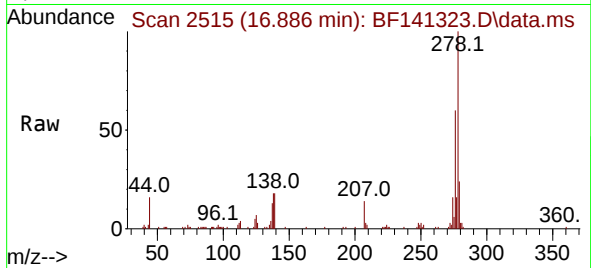




#91
Dibenzo(a,h)anthracene
Concen: 3.759 ng
RT: 16.886 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:278 Resp: 66271
Ion Ratio Lower Upper
278 100
139 18.2 13.9 20.9
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 3.714 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.047 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:276 Resp: 68083
Ion Ratio Lower Upper
276 100
277 21.8 19.2 28.8
138 24.0 19.0 28.4

