

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141324.D
 Acq On : 31 Jan 2025 11:35
 Operator : RC/JU
 Sample : Q1168-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 31 12:01:29 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	178410	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	721814	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	390598	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	668753	20.000	ng	0.00
76) Chrysene-d12	13.963	240	413173	20.000	ng	-0.01
86) Perylene-d12	15.427	264	355054	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1211815	104.276	ng	0.00
7) Phenol-d6	6.434	99	1681698	113.753	ng	0.00
23) Nitrobenzene-d5	7.363	82	1137533	83.078	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	429459	119.931	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1921458	75.717	ng	0.00
79) Terphenyl-d14	12.916	244	2033058	75.885	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	40355	7.896	ng	98
3) Pyridine	3.252	79	94264	7.655	ng	96
4) n-Nitrosodimethylamine	3.152	42	58785	8.356	ng	# 97
6) Aniline	6.463	93	144547	11.551	ng	99
8) 2-Chlorophenol	6.587	128	109065	8.756	ng	98
9) Benzaldehyde	6.351	77	91342	10.667	ng	98
10) Phenol	6.446	94	140043	8.936	ng	84
11) bis(2-Chloroethyl)ether	6.540	93	109117	9.081	ng	99
12) 1,3-Dichlorobenzene	6.740	146	112497	8.191	ng	98
13) 1,4-Dichlorobenzene	6.816	146	116124	8.417	ng	98
14) 1,2-Dichlorobenzene	6.969	146	107255	8.302	ng	97
15) Benzyl Alcohol	6.934	79	109677	10.856	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	199113	9.529	ng	99
17) 2-Methylphenol	7.045	107	87362	8.630	ng	99
18) Hexachloroethane	7.310	117	41626	8.178	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	82767	9.422	ng	99
20) 3+4-Methylphenols	7.204	107	114487	9.211	ng	# 81
22) Acetophenone	7.204	105	167408	9.757	ng	98
24) Nitrobenzene	7.381	77	121465	8.560	ng	99
25) Isophorone	7.616	82	220764	9.327	ng	99
26) 2-Nitrophenol	7.692	139	58049	8.674	ng	98
27) 2,4-Dimethylphenol	7.728	122	47250	5.547	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	136926	9.070	ng	99
29) 2,4-Dichlorophenol	7.934	162	93192	8.937	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	103979	8.731	ng	99
31) Naphthalene	8.104	128	341895	8.966	ng	99
32) Benzoic acid	7.804	122	46522	5.941	ng	98
33) 4-Chloroaniline	8.151	127	130388	10.084	ng	99
34) Hexachlorobutadiene	8.222	225	57552	8.241	ng	99
35) Caprolactam	8.487	113	29426	8.641	ng	97
36) 4-Chloro-3-methylphenol	8.628	107	104095	9.306	ng	100
37) 2-Methylnaphthalene	8.792	142	223763	9.233	ng	98
38) 1-Methylnaphthalene	8.892	142	207161	8.702	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	103346	9.300	ng	99
41) Hexachlorocyclopentadiene	8.945	237	19997	6.093	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	63646	8.751	ng	98

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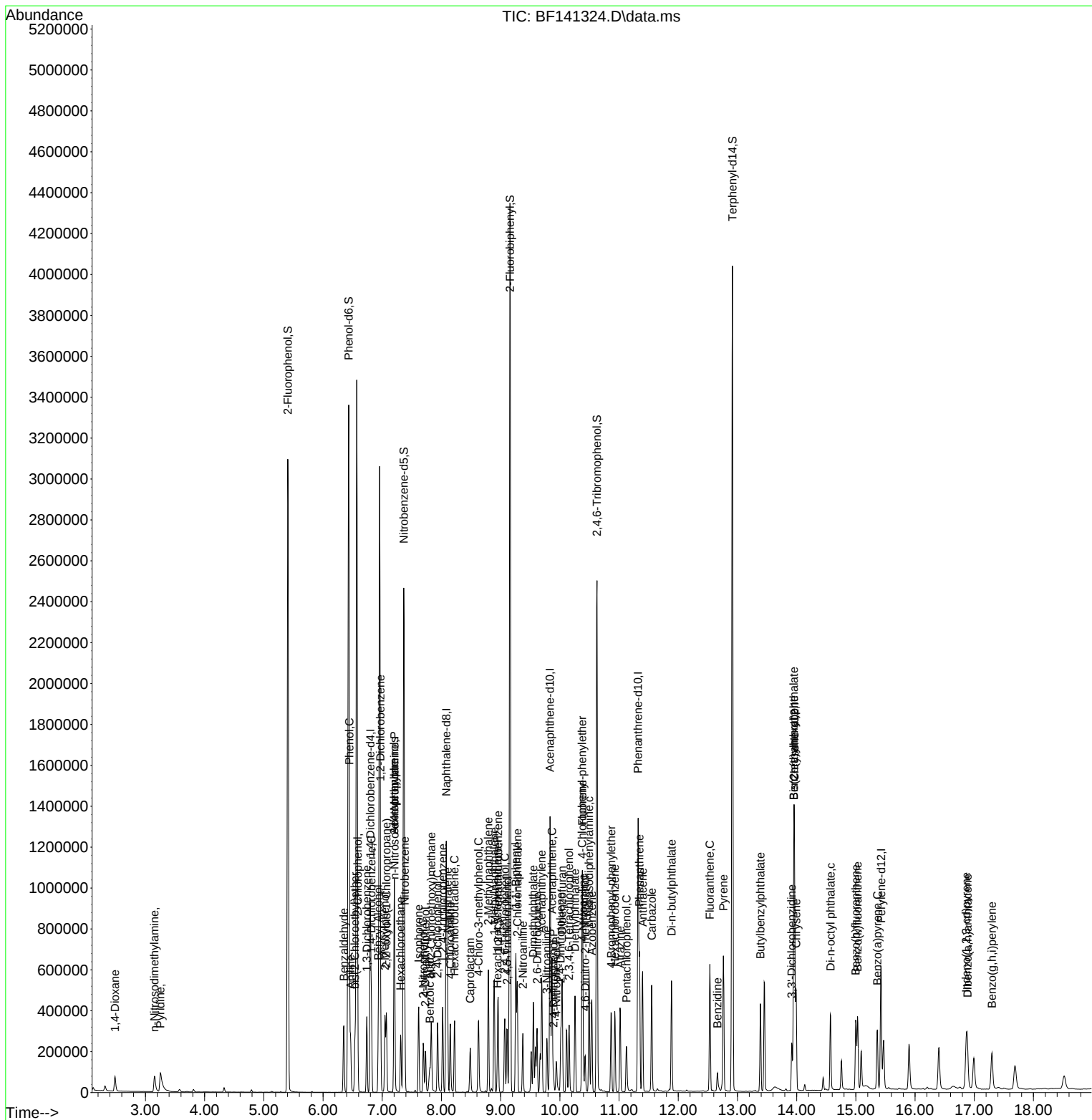
Instrument :
 BNA_F
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	67002	8.464	ng	98
46) 1,1'-Biphenyl	9.257	154	293630	9.639	ng	99
47) 2-Chloronaphthalene	9.281	162	209547	8.825	ng	97
48) 2-Nitroaniline	9.375	65	66600	8.918	ng	98
49) Acenaphthylene	9.692	152	326842	9.834	ng	100
50) Dimethylphthalate	9.551	163	244791	9.279	ng	100
51) 2,6-Dinitrotoluene	9.616	165	50146	8.187	ng	100
52) Acenaphthene	9.869	154	215946	9.095	ng	100
53) 3-Nitroaniline	9.781	138	53898	8.978	ng	98
54) 2,4-Dinitrophenol	9.892	184	18021	6.329	ng	94
55) Dibenzofuran	10.039	168	295157	9.287	ng	99
56) 4-Nitrophenol	9.939	139	37455	8.531	ng	96
57) 2,4-Dinitrotoluene	10.016	165	72513	9.143	ng	98
58) Fluorene	10.381	166	231042	9.372	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	57154	9.177	ng	99
60) Diethylphthalate	10.257	149	235155	9.193	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	111835	9.287	ng	99
62) 4-Nitroaniline	10.392	138	47624	8.069	ng	99
63) Azobenzene	10.539	77	238981	9.334	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	32552	8.229	ng	99
66) n-Nitrosodiphenylamine	10.492	169	200841	9.285	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	66746	8.915	ng	97
68) Hexachlorobenzene	10.928	284	70013	8.816	ng	97
69) Atrazine	11.022	200	66081	9.137	ng	96
70) Pentachlorophenol	11.128	266	38462	8.270	ng	99
71) Phenanthrene	11.345	178	346750	9.646	ng	99
72) Anthracene	11.398	178	329348	9.350	ng	100
73) Carbazole	11.551	167	290574	9.303	ng	99
74) Di-n-butylphthalate	11.886	149	370662	9.793	ng	99
75) Fluoranthene	12.533	202	349208	9.838	ng	100
77) Benzidine	12.663	184	53784	4.060	ng	99
78) Pyrene	12.763	202	364782	9.198	ng	99
80) Butylbenzylphthalate	13.386	149	133192	9.613	ng	100
81) Benzo(a)anthracene	13.951	228	247879	8.694	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	74428	8.208	ng	99
83) Chrysene	13.992	228	250953	9.604	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	175735	9.998	ng	99
85) Di-n-octyl phthalate	14.574	149	251475	9.212	ng	99
87) Indeno(1,2,3-cd)pyrene	16.862	276	204934	8.943	ng	99
88) Benzo(b)fluoranthene	14.998	252	215961	9.670	ng	99
89) Benzo(k)fluoranthene	15.027	252	190434	9.625	ng	99
90) Benzo(a)pyrene	15.363	252	184762	9.790	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	161975	8.785	ng	99
92) Benzo(g,h,i)perylene	17.298	276	161302	8.414	ng	99

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

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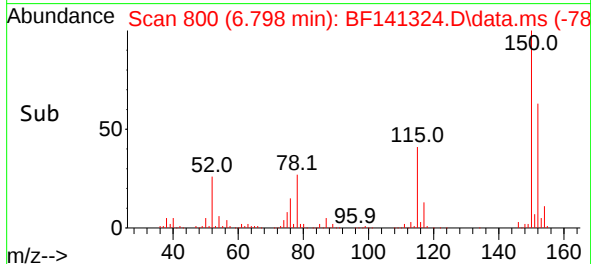
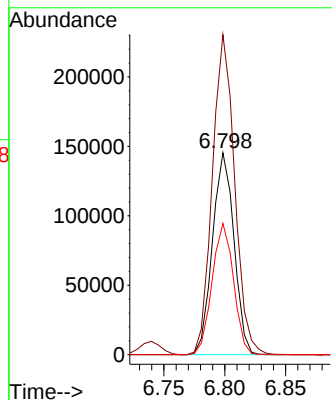
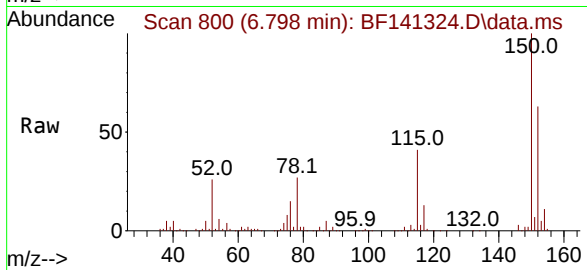




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

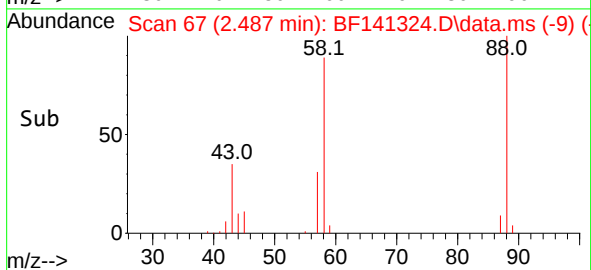
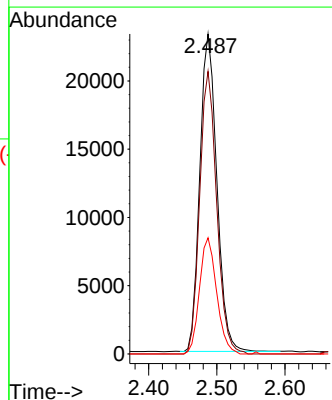
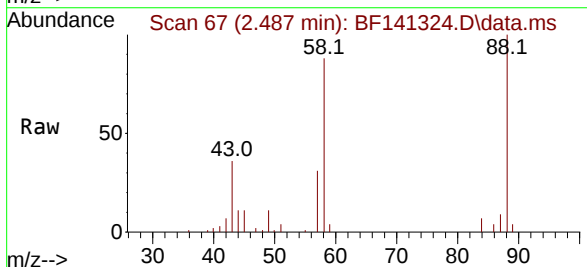
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT1-2025

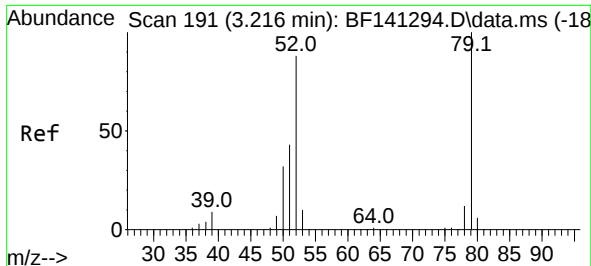
Tgt Ion:152 Resp: 178410
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.9 188.9
 115 65.0 49.7 74.5



#2
 1,4-Dioxane
 Concen: 7.896 ng
 RT: 2.487 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

Tgt Ion: 88 Resp: 40355
 Ion Ratio Lower Upper
 88 100
 58 88.8 70.2 105.4
 43 37.0 27.6 41.4





#3

Pyridine

Concen: 7.655 ng

RT: 3.252 min Scan# 191

Delta R.T. 0.023 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

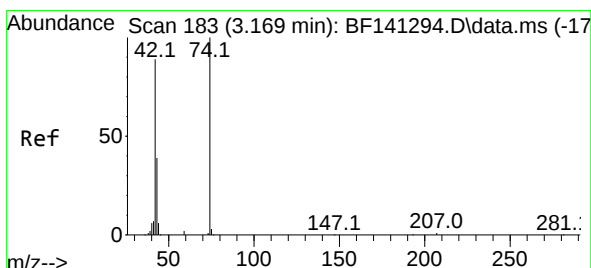
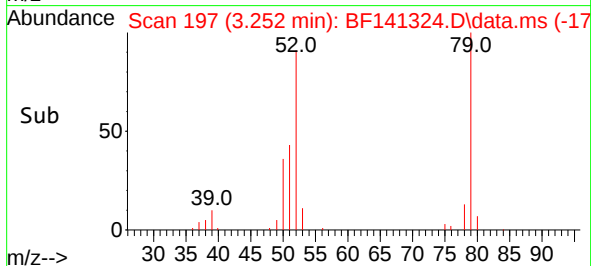
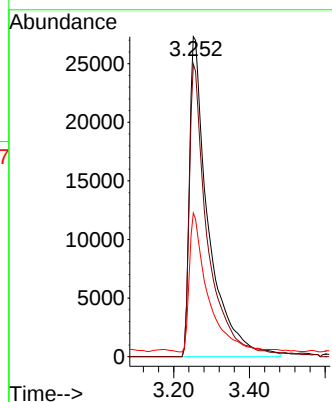
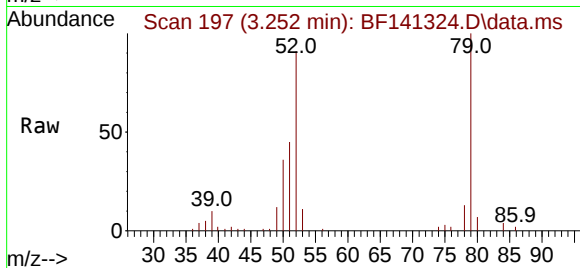
Tgt Ion: 79 Resp: 94264

Ion Ratio Lower Upper

79 100

52 91.4 70.3 105.5

51 44.9 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 8.356 ng

RT: 3.152 min Scan# 180

Delta R.T. -0.047 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

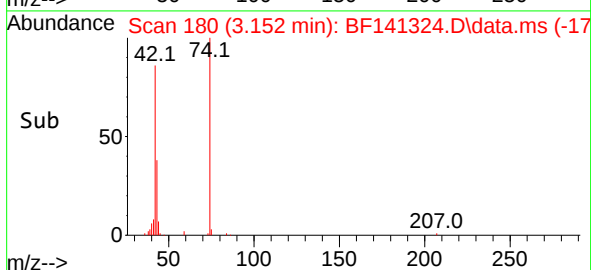
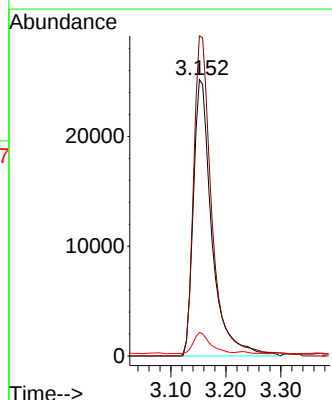
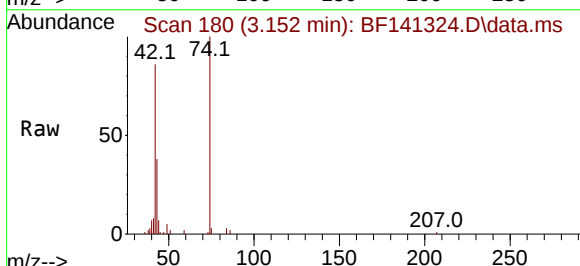
Tgt Ion: 42 Resp: 58785

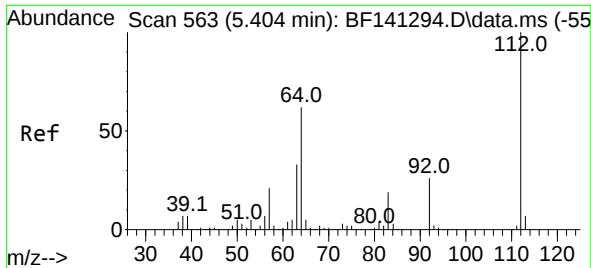
Ion Ratio Lower Upper

42 100

74 115.8 90.3 135.5

44 8.5 5.7 8.5

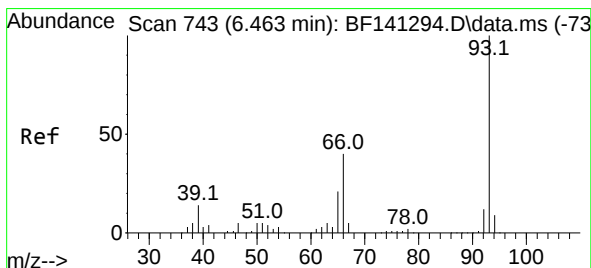
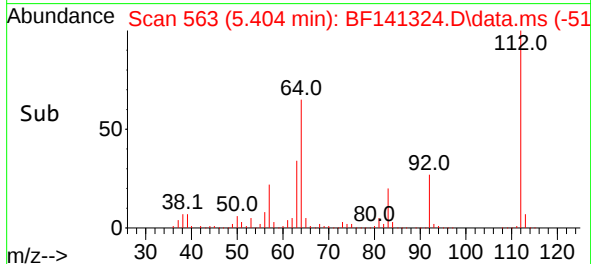
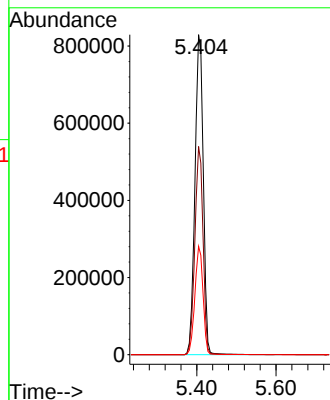
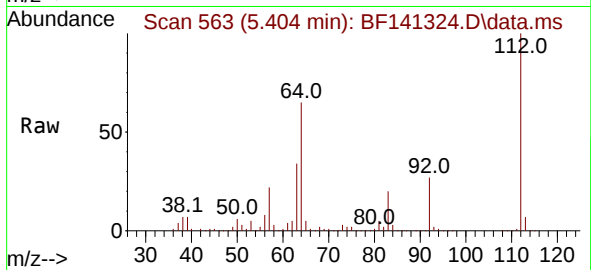




#5
2-Fluorophenol
Concen: 104.276 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

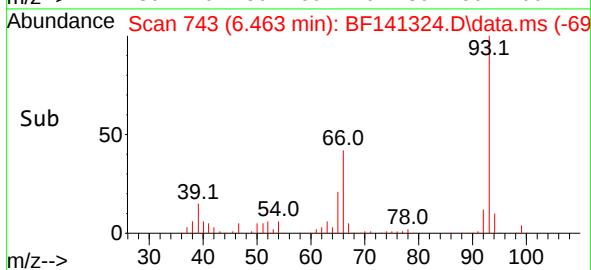
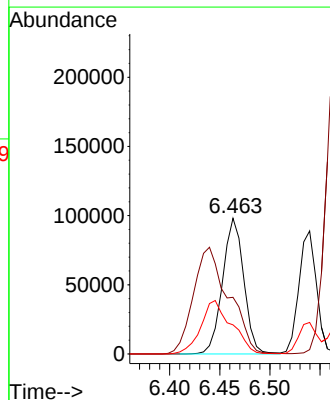
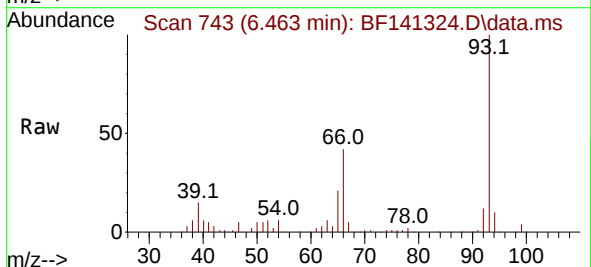
Instrument :
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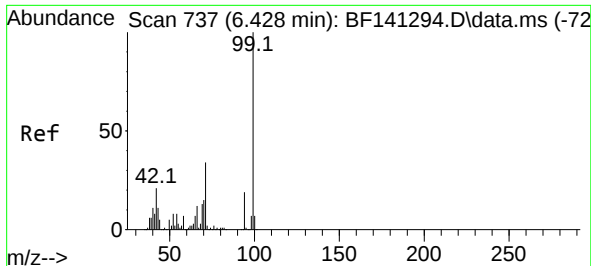
Tgt Ion:112 Resp: 1211815
Ion Ratio Lower Upper
112 100
64 65.1 49.8 74.8
63 33.8 26.1 39.1



#6
Aniline
Concen: 11.551 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion: 93 Resp: 144547
Ion Ratio Lower Upper
93 100
66 41.7 32.5 48.7
65 21.5 17.0 25.6





#7

Phenol-d6

Concen: 113.753 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

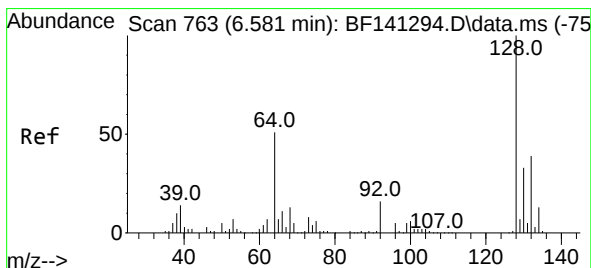
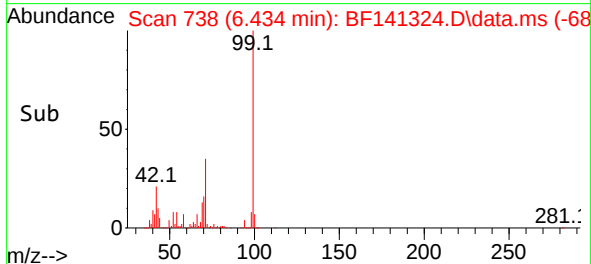
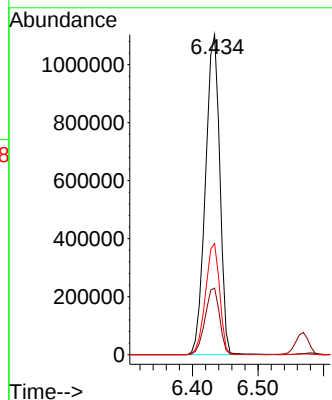
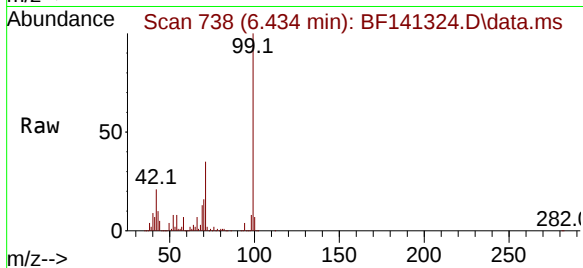
BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 99 Resp: 1681698

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.1	25.7
71	34.7	26.9	40.3



#8

2-Chlorophenol

Concen: 8.756 ng

RT: 6.587 min Scan# 764

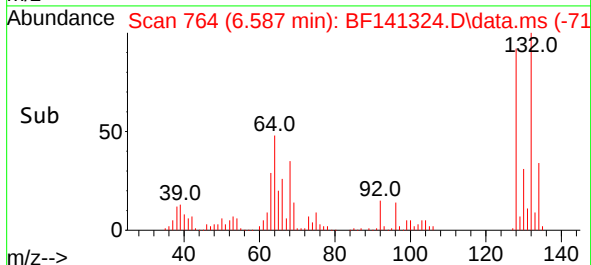
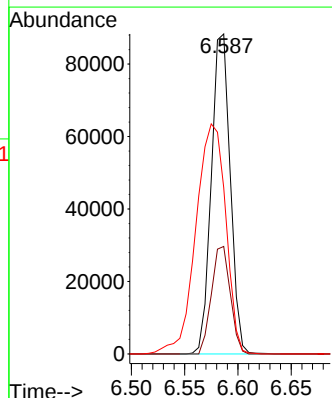
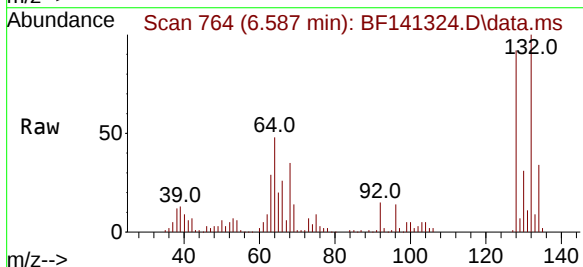
Delta R.T. -0.006 min

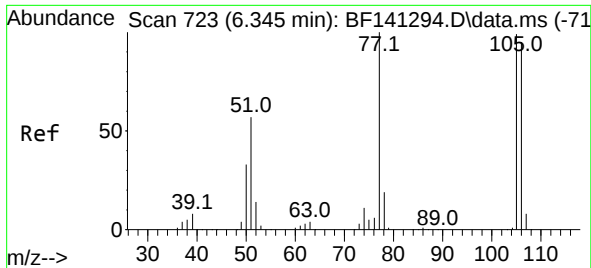
Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Tgt Ion: 128 Resp: 109065

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.5	52.5
64	52.0	32.9	72.9





#9

Benzaldehyde

Concen: 10.667 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141324.D

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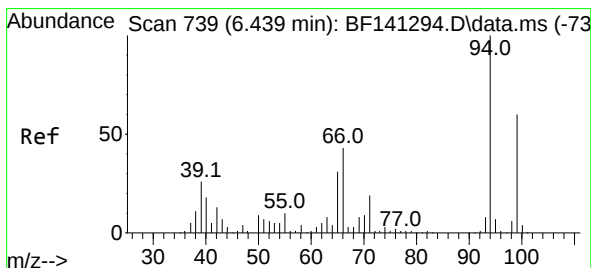
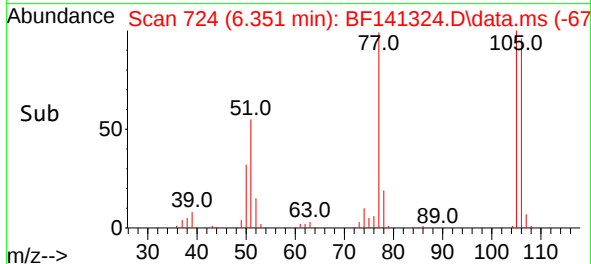
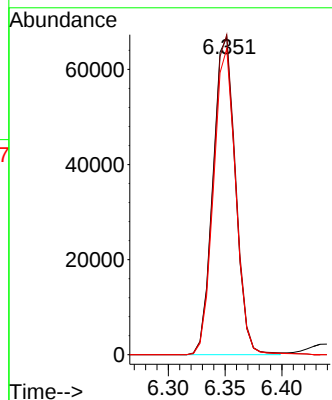
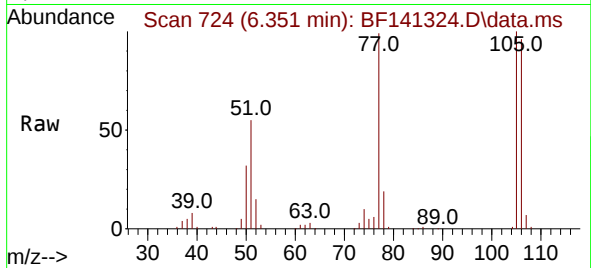
Tgt Ion: 77 Resp: 91342

Ion Ratio Lower Upper

77 100

105 100.9 79.4 119.4

106 96.5 74.6 114.6



#10

Phenol

Concen: 8.936 ng

RT: 6.446 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

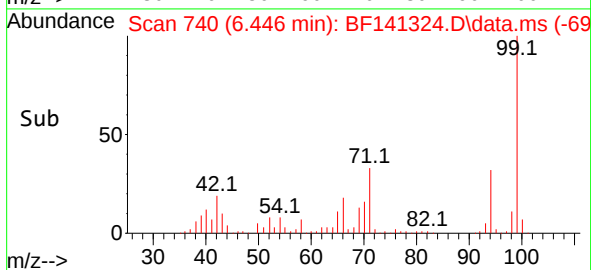
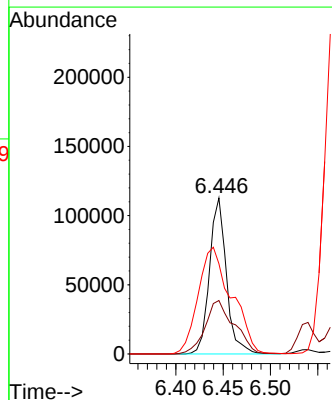
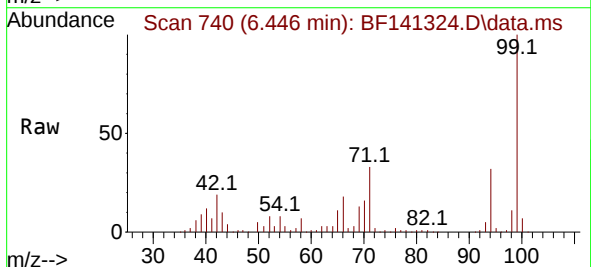
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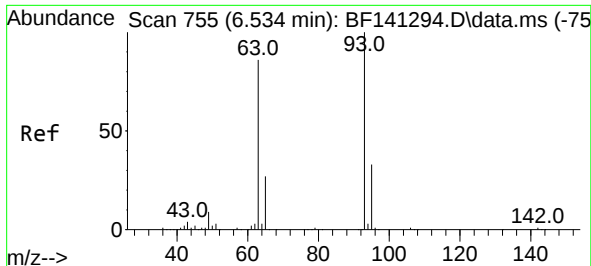
Ion Ratio Lower Upper

94 100

65 34.3 10.8 50.8

66 57.8 23.3 63.3





#11

bis(2-Chloroethyl)ether

Concen: 9.081 ng

RT: 6.540 min Scan# 755

Delta R.T. -0.006 min

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Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

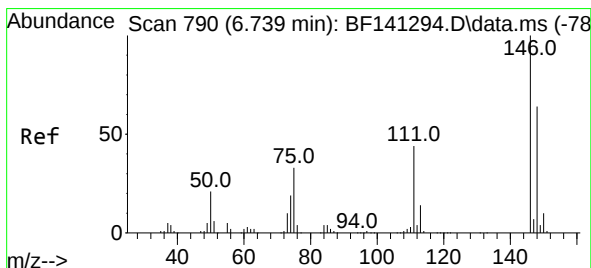
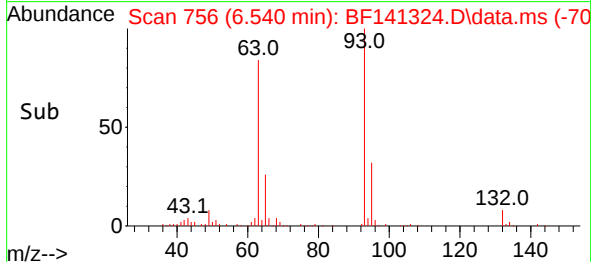
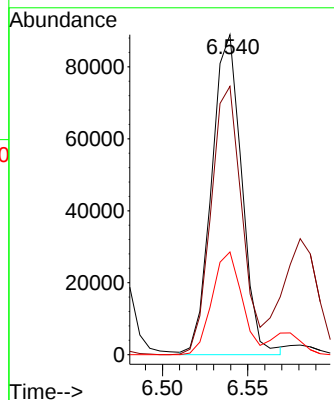
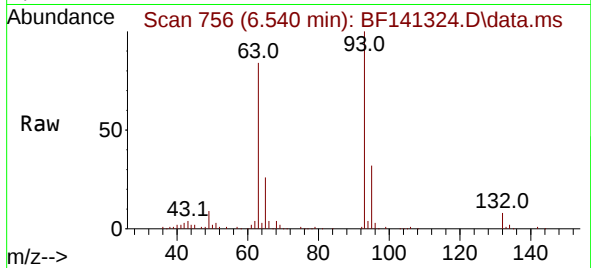
Tgt Ion: 93 Resp: 109117

Ion Ratio Lower Upper

93 100

63 83.9 65.0 105.0

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 8.191 ng

RT: 6.740 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

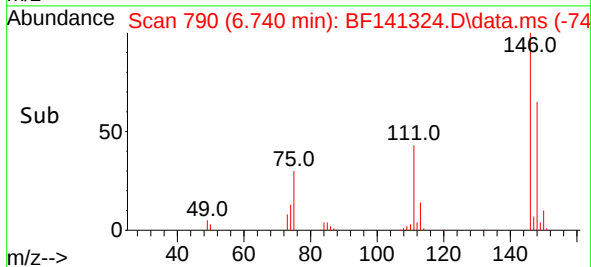
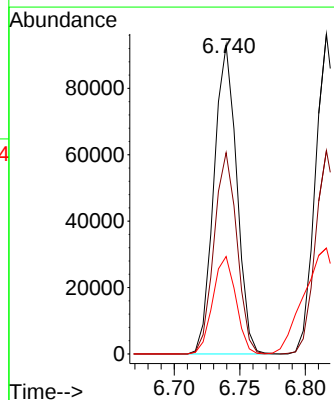
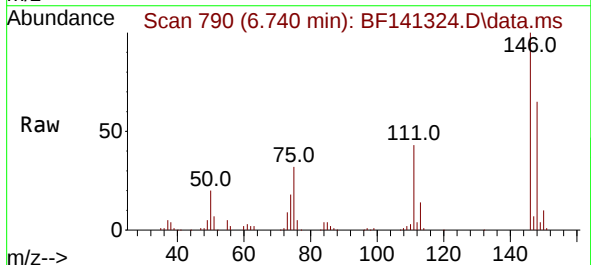
Tgt Ion: 146 Resp: 112497

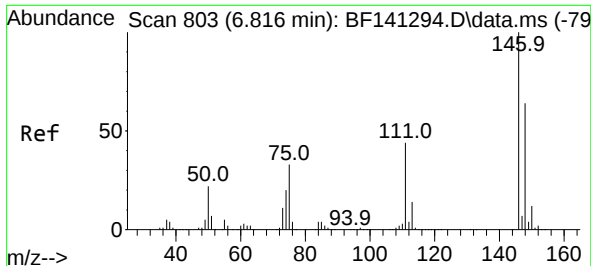
Ion Ratio Lower Upper

146 100

148 65.2 51.2 76.8

75 31.5 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 8.417 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

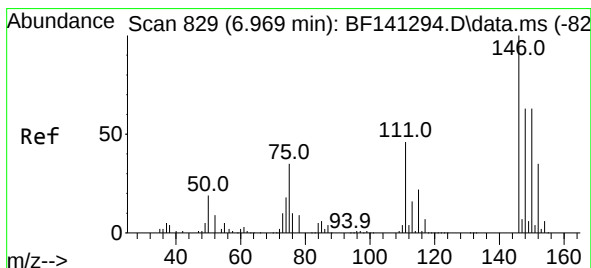
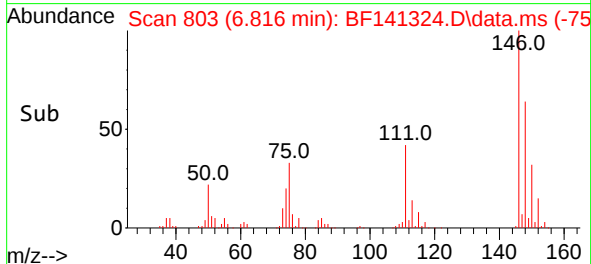
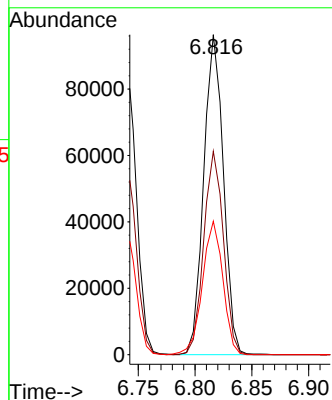
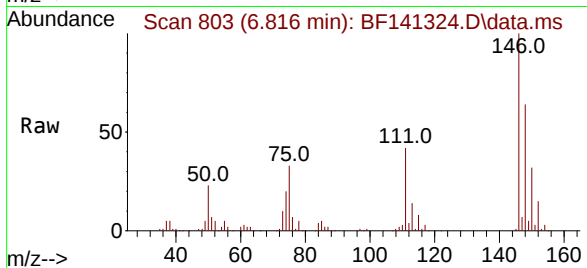
Tgt Ion:146 Resp: 116124

Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

111 41.7 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 8.302 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

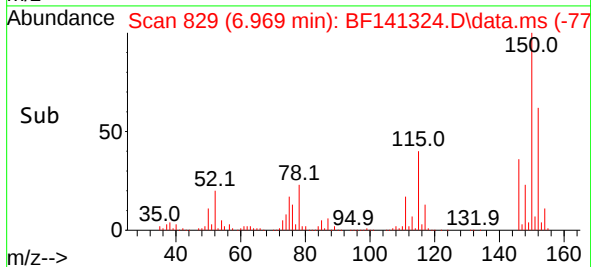
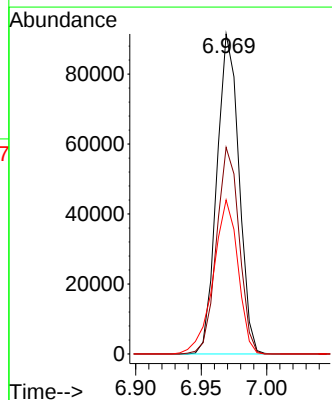
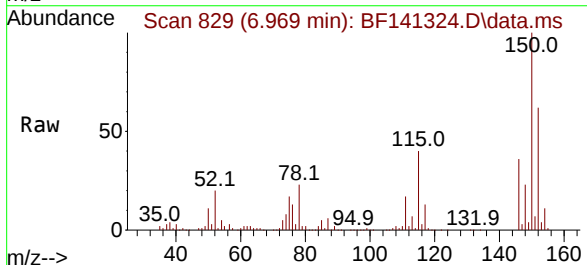
Tgt Ion:146 Resp: 107255

Ion Ratio Lower Upper

146 100

148 64.6 50.5 75.7

111 48.2 36.6 55.0

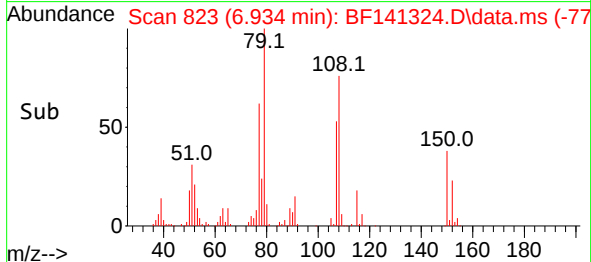
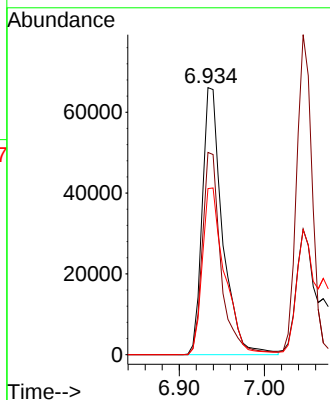
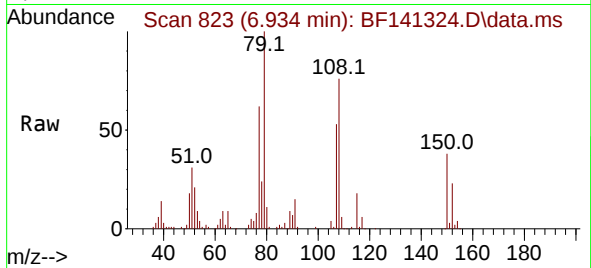




#15
Benzyl Alcohol
Concen: 10.856 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

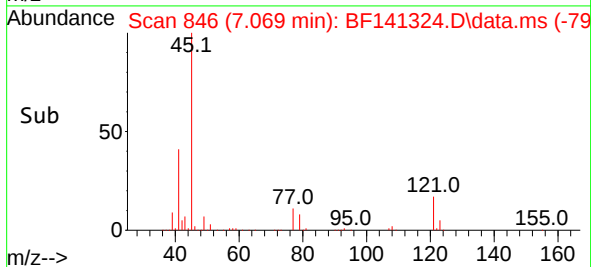
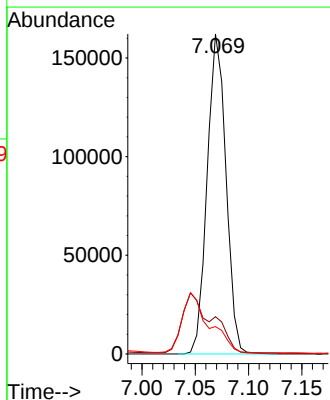
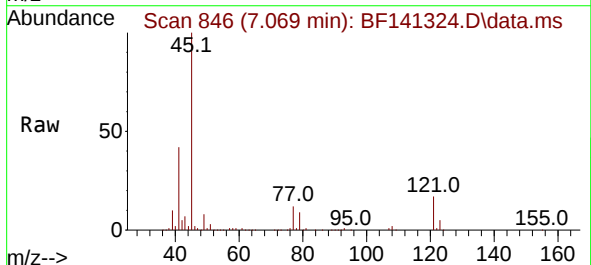
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

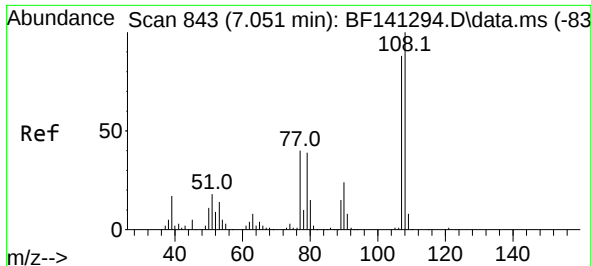
Tgt Ion: 79 Resp: 109677
Ion Ratio Lower Upper
79 100
108 75.7 61.4 92.0
77 62.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.529 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion: 45 Resp: 199113
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.8
79 8.6 0.0 29.1

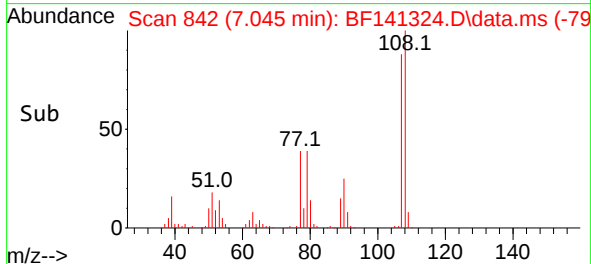
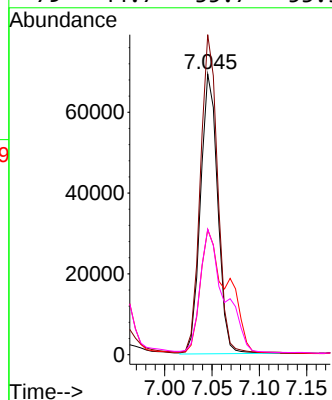
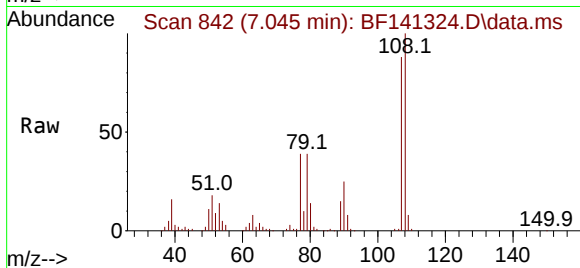




#17
2-Methylphenol
Concen: 8.630 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

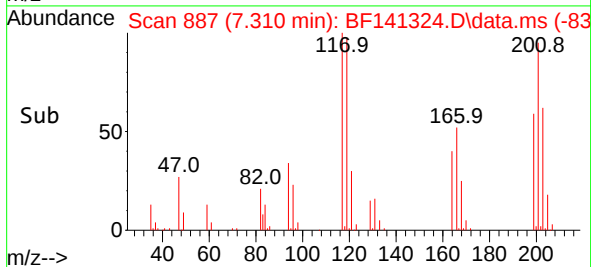
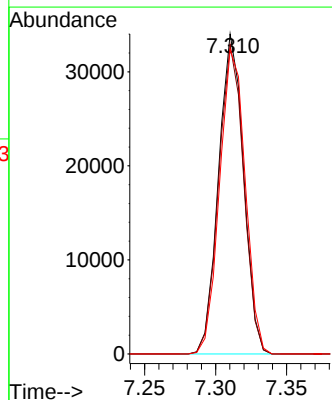
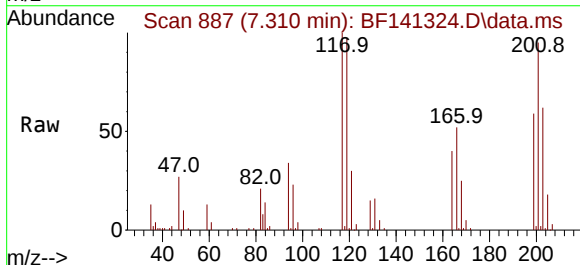
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

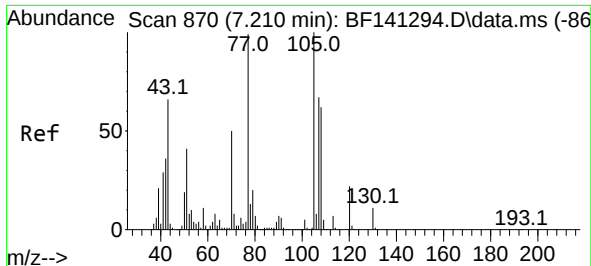
Tgt Ion:	107	Resp:	87362
Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.8	136.2
77	44.6	36.2	54.4
79	44.7	35.7	53.5



#18
Hexachloroethane
Concen: 8.178 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:	117	Resp:	41626
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.6	114.8
201	95.2	74.8	112.2

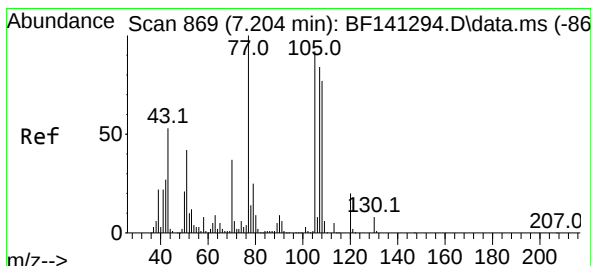
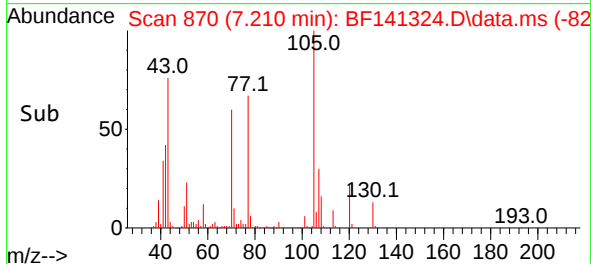
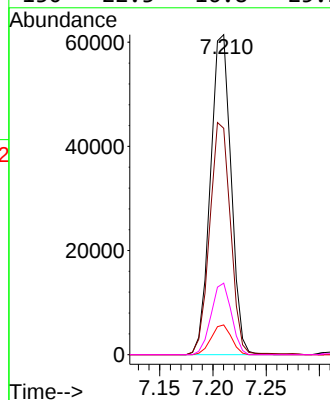
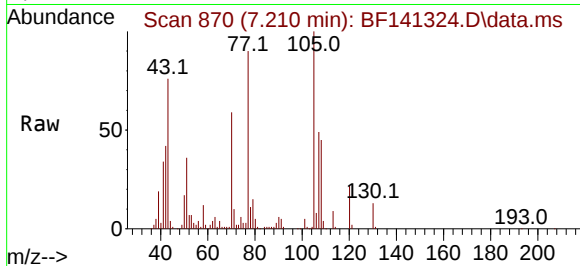




#19
n-Nitroso-di-n-propylamine
Concen: 9.422 ng
RT: 7.210 min Scan# 819
Delta R.T. -0.018 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

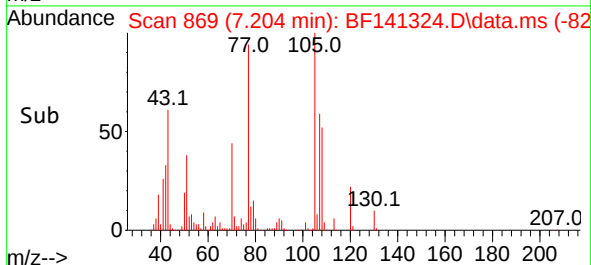
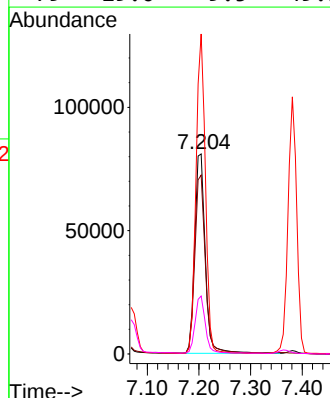
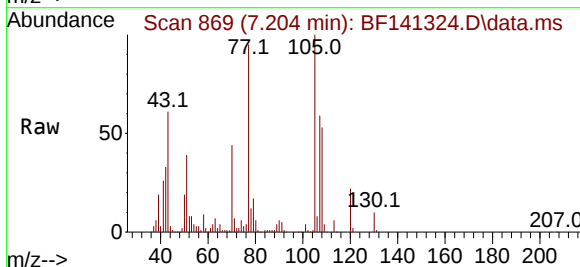
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

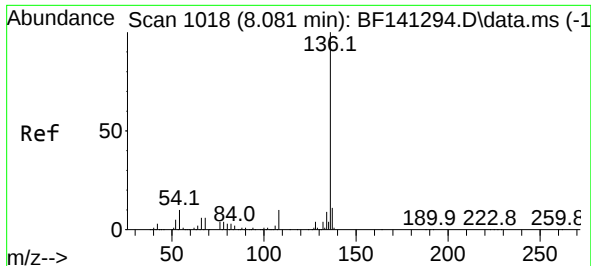
Tgt Ion:	70	Resp:	82767
Ion Ratio	Lower	Upper	
70	100		
42	70.8	56.8	85.2
101	9.3	7.7	11.5
130	22.3	16.8	25.2



#20
3+4-Methylphenols
Concen: 9.211 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:	107	Resp:	114487
Ion Ratio	Lower	Upper	
107	100		
108	89.4	70.9	110.9
77	160.0	98.5	138.5#
79	29.0	9.5	49.5

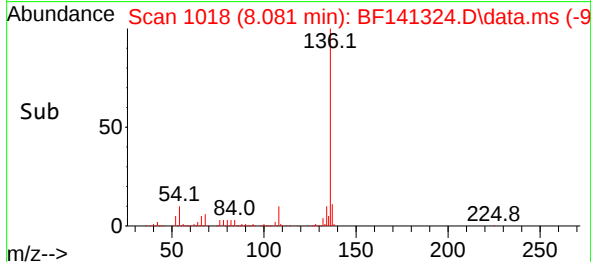
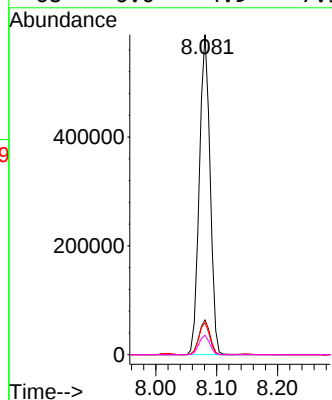
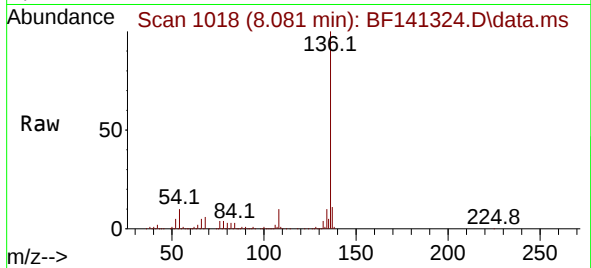




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

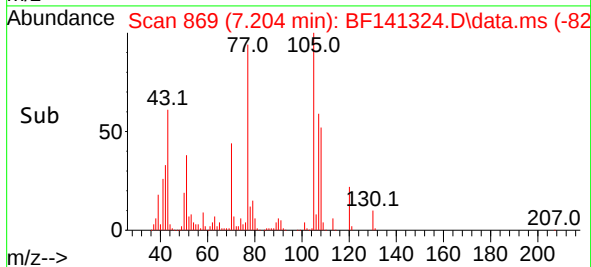
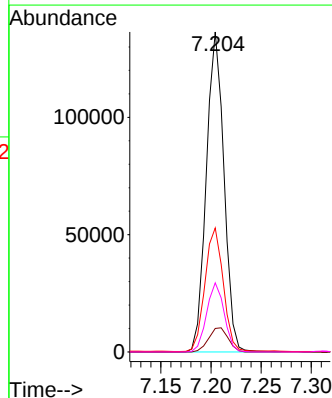
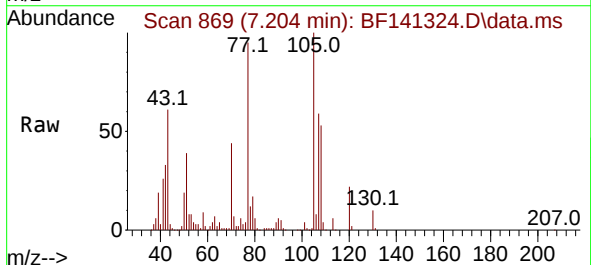
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

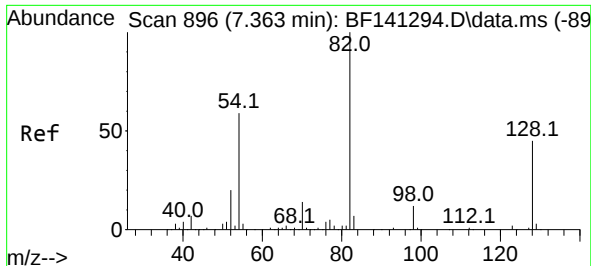
Tgt Ion:	136	Resp:	721814
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	7.8	11.8
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 9.757 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:	105	Resp:	167408
Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.8	10.2
51	38.8	32.6	49.0
120	21.6	17.4	26.0





#23

Nitrobenzene-d5

Concen: 83.078 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

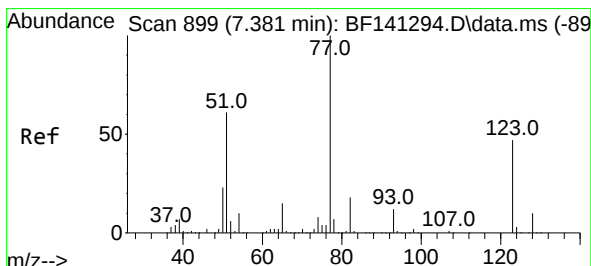
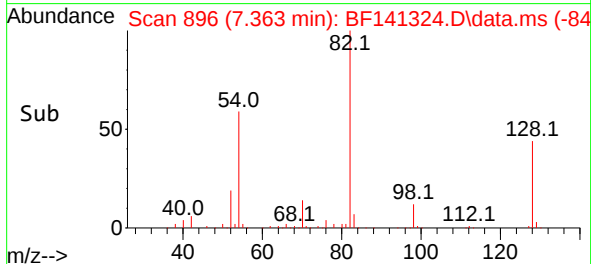
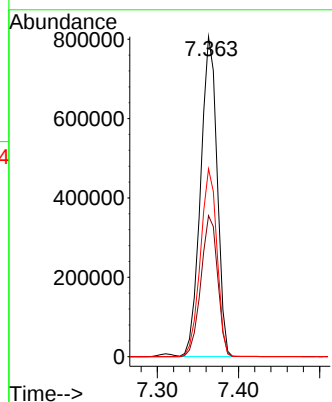
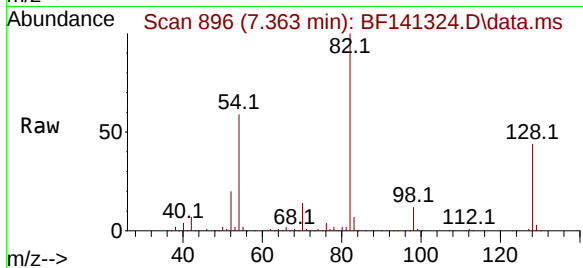
BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 82 Resp: 1137533

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.7	53.5
54	58.7	47.1	70.7



#24

Nitrobenzene

Concen: 8.560 ng

RT: 7.381 min Scan# 899

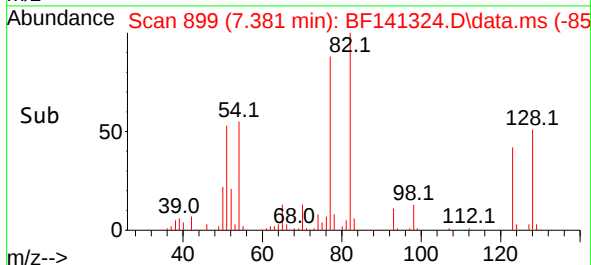
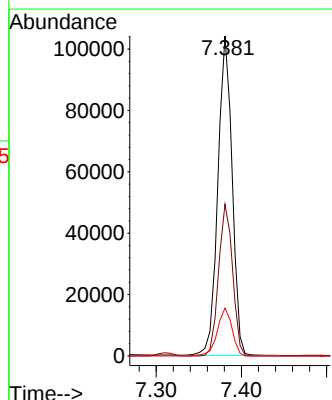
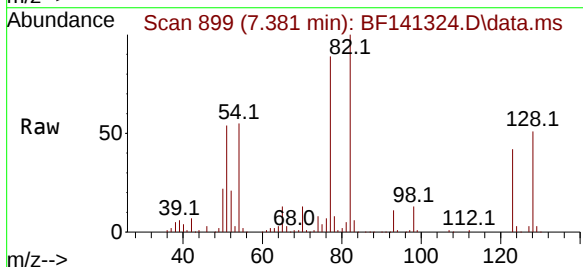
Delta R.T. -0.012 min

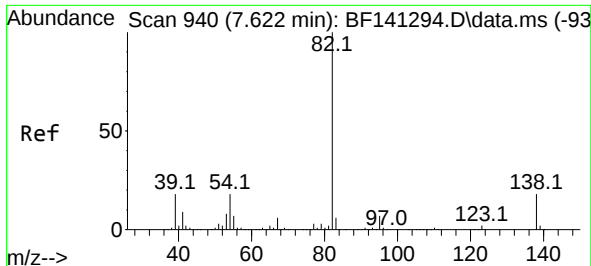
Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Tgt Ion: 77 Resp: 121465

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.3	55.9
65	14.9	11.8	17.6

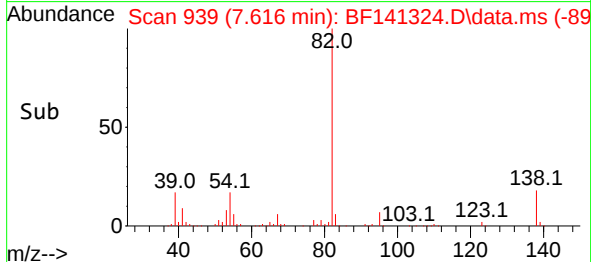
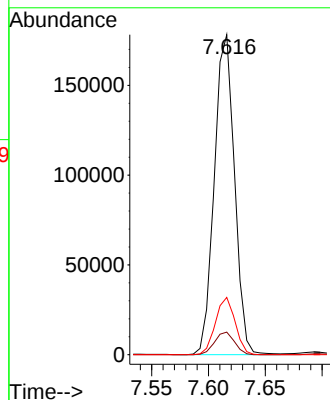
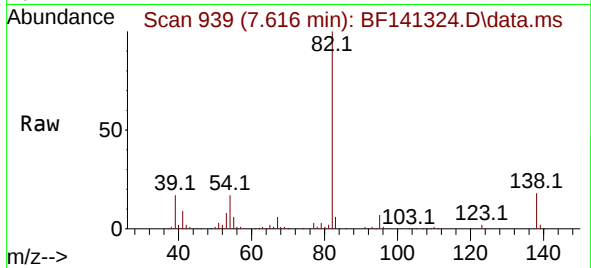




#25
Isophorone
Concen: 9.327 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

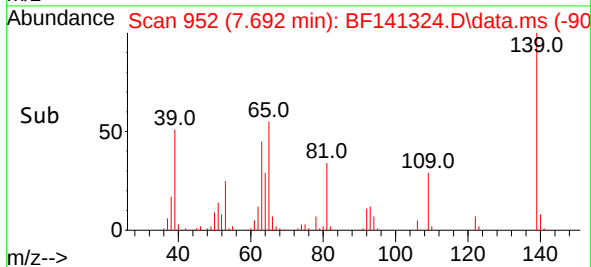
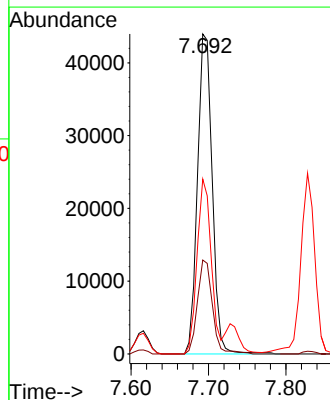
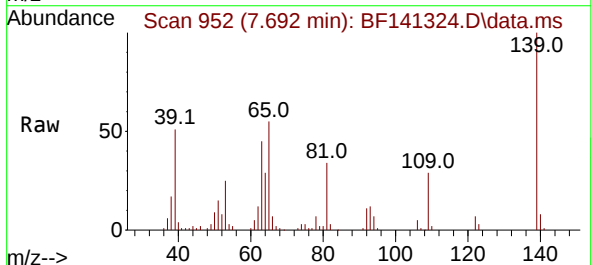
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 82 Resp: 220764
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 17.9 14.7 22.1



#26
2-Nitrophenol
Concen: 8.674 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion: 139 Resp: 58049
Ion Ratio Lower Upper
139 100
109 29.3 23.8 35.6
65 54.7 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 5.547 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

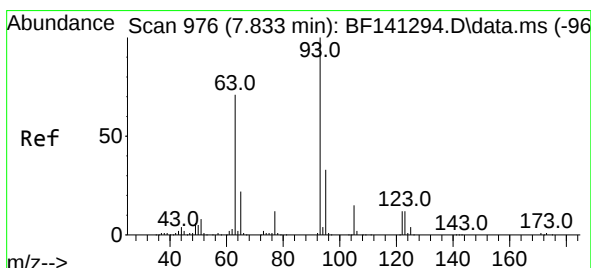
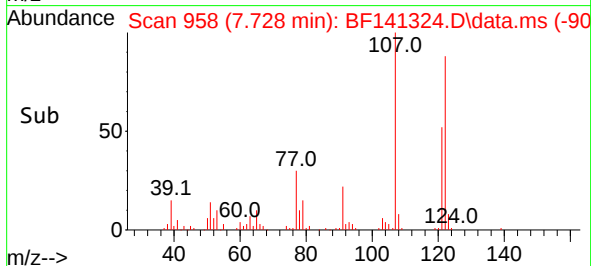
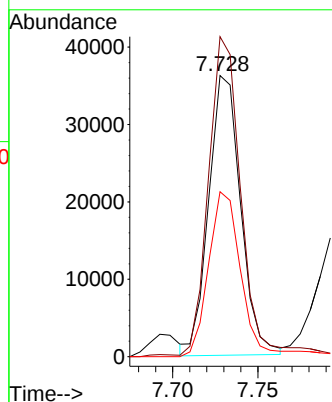
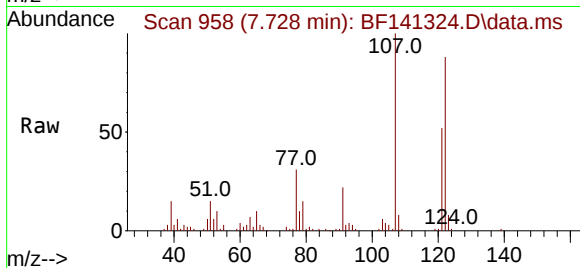
Tgt Ion:122 Resp: 47250

Ion Ratio Lower Upper

122 100

107 113.8 89.9 134.9

121 58.7 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 9.070 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

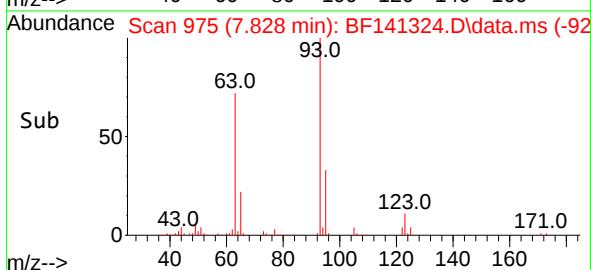
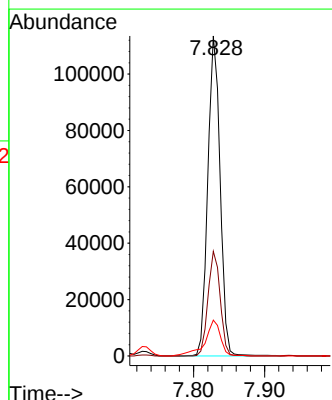
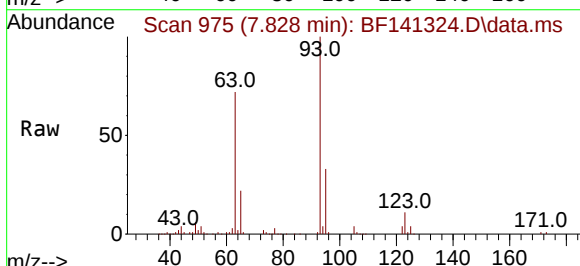
Tgt Ion: 93 Resp: 136926

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 11.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 8.937 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

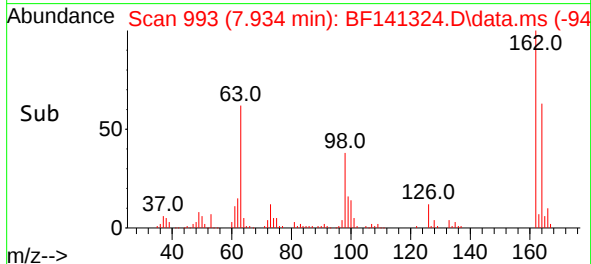
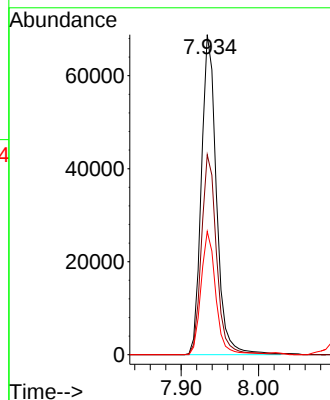
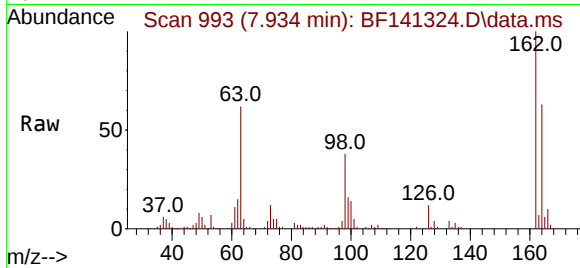
Tgt Ion:162 Resp: 93192

Ion Ratio Lower Upper

162 100

164 62.5 44.2 84.2

98 38.5 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 8.731 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

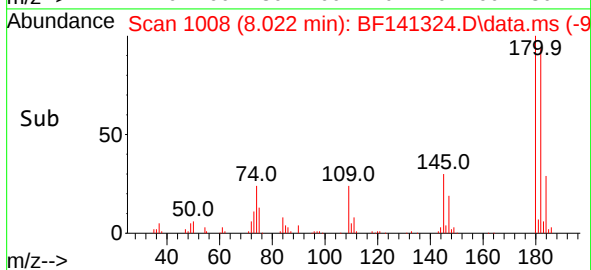
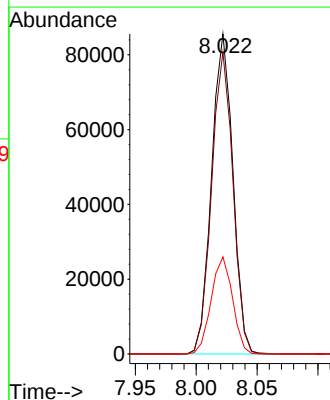
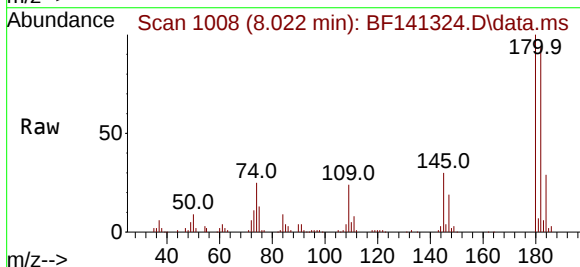
Tgt Ion:180 Resp: 103979

Ion Ratio Lower Upper

180 100

182 94.3 76.4 114.6

145 30.3 24.9 37.3

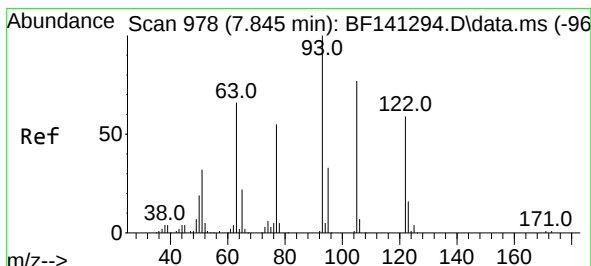
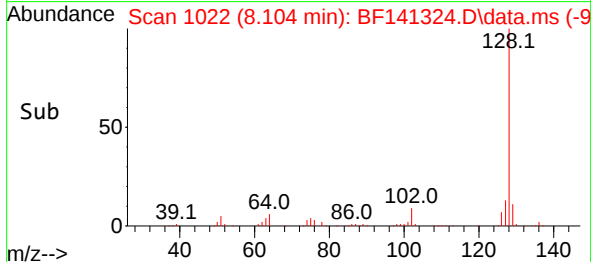
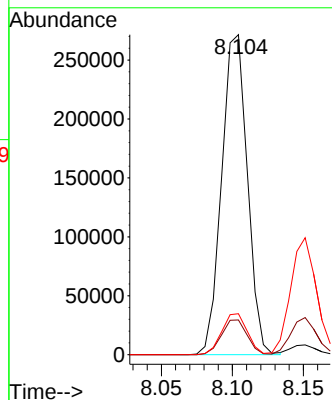
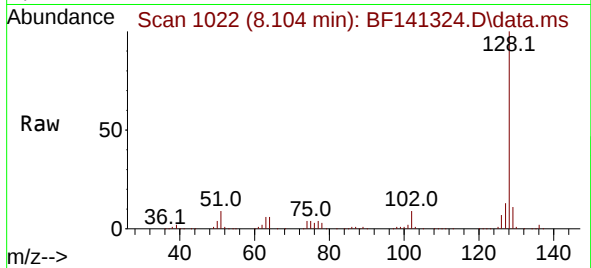




#31
Naphthalene
Concen: 8.966 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

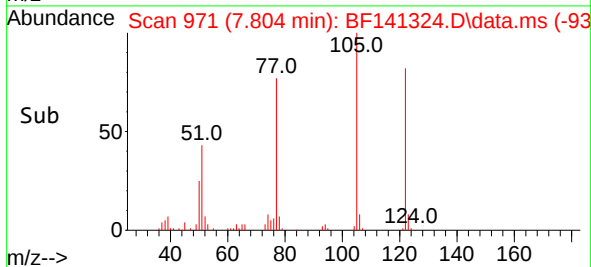
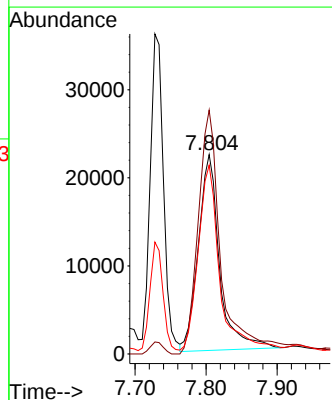
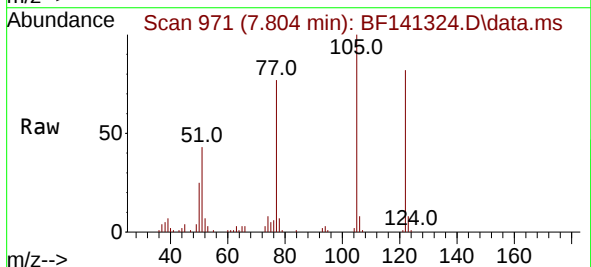
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:128 Resp: 341895
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 5.941 ng
RT: 7.804 min Scan# 971
Delta R.T. -0.077 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:122 Resp: 46522
Ion Ratio Lower Upper
122 100
105 122.3 103.4 143.4
77 94.7 70.9 110.9

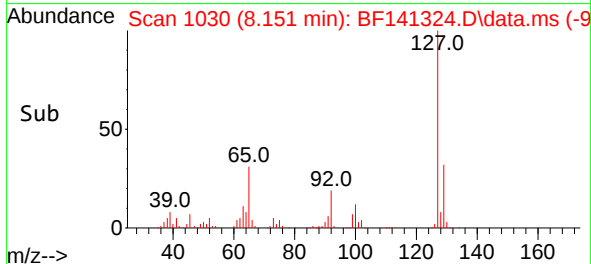
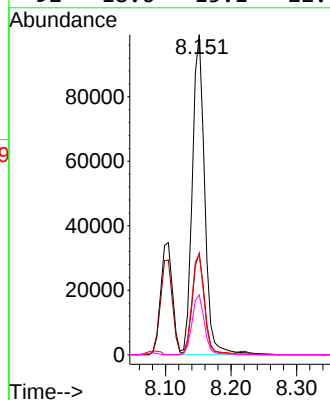
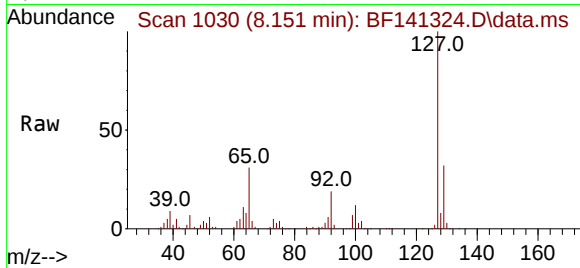




#33
4-Chloroaniline
Concen: 10.084 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

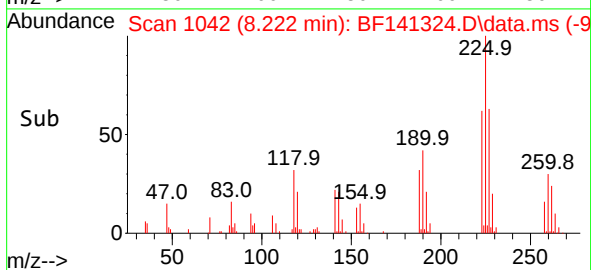
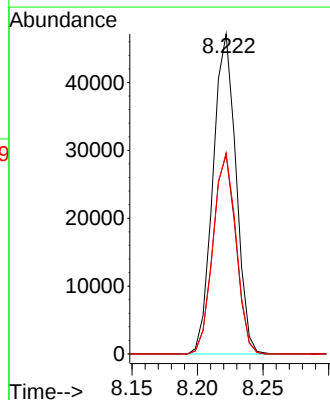
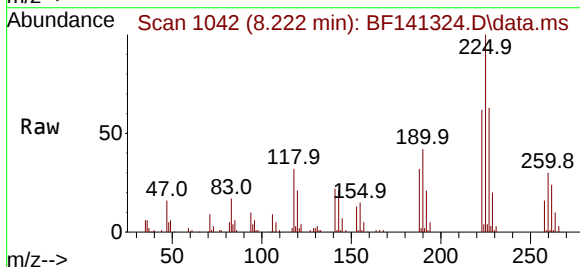
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

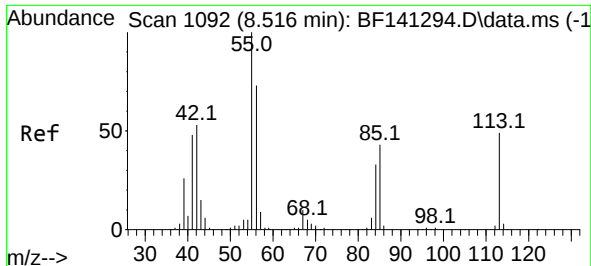
Tgt Ion:	127	Resp:	130388
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	31.4	26.4	39.6
92	18.6	15.1	22.7



#34
Hexachlorobutadiene
Concen: 8.241 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:	225	Resp:	57552
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.4	75.6
227	62.9	51.3	76.9

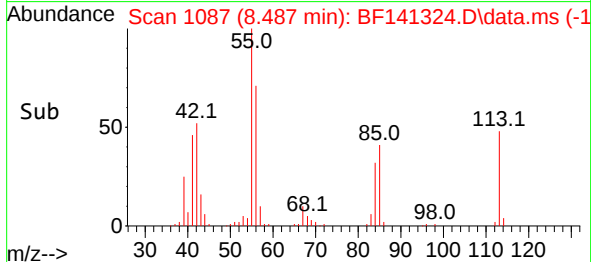
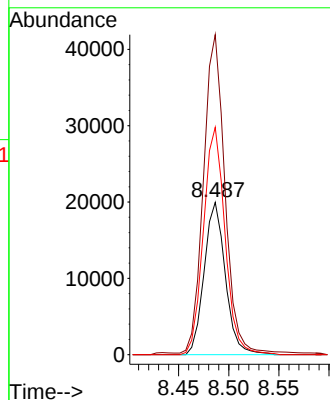
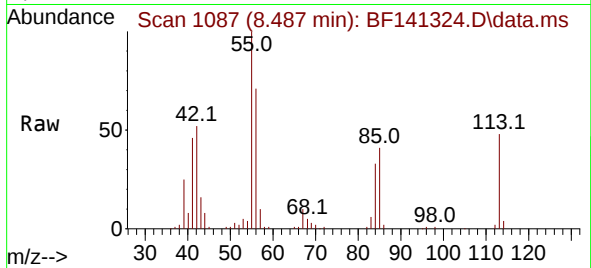




#35
 Caprolactam
 Concen: 8.641 ng
 RT: 8.487 min Scan# 1108
 Delta R.T. -0.059 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

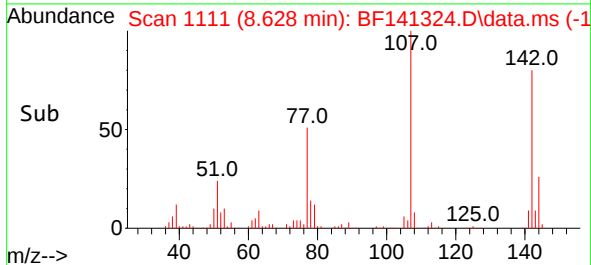
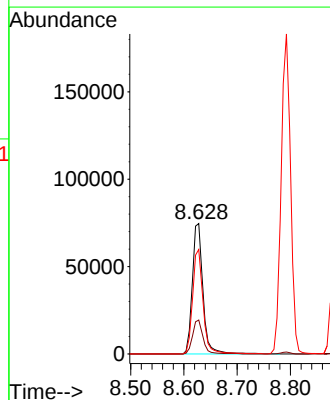
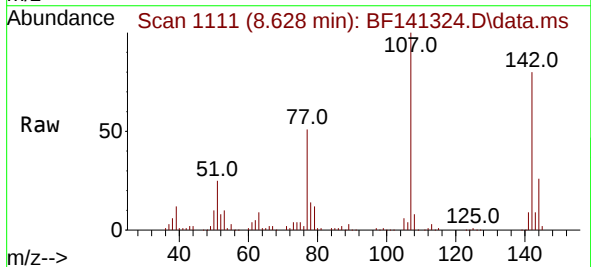
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Tgt Ion:113 Resp: 29426
 Ion Ratio Lower Upper
 113 100
 55 210.1 182.9 222.9
 56 149.2 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 9.306 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

Tgt Ion:107 Resp: 104095
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.7 31.1
 142 80.1 63.8 95.8





#37

2-Methylnaphthalene

Concen: 9.233 ng

RT: 8.792 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

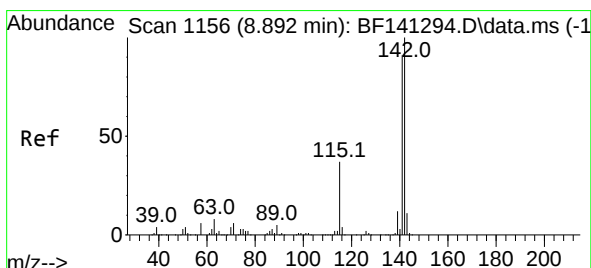
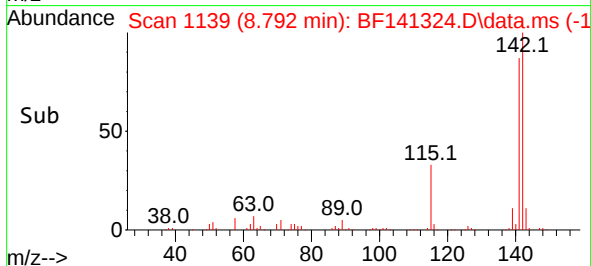
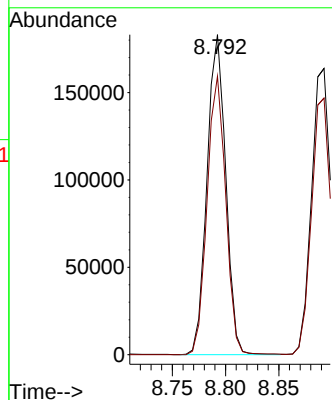
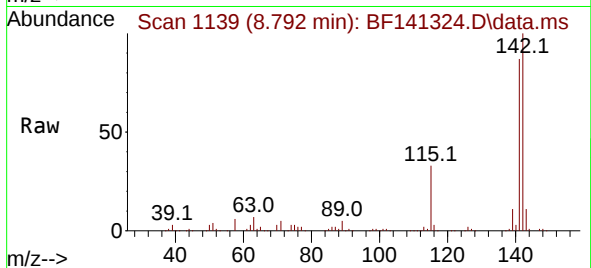
MDL-WATER-03-QT1-2025

Tgt Ion:142 Resp: 223763

Ion Ratio Lower Upper

142 100

141 87.0 71.3 106.9



#38

1-Methylnaphthalene

Concen: 8.702 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF141324.D

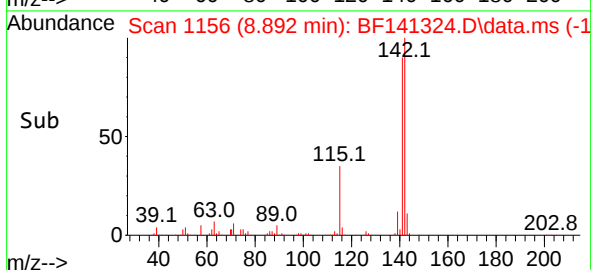
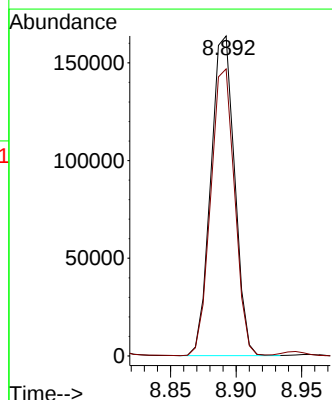
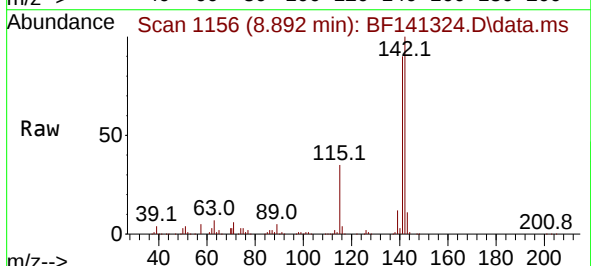
Acq: 31 Jan 2025 11:35

Tgt Ion:142 Resp: 207161

Ion Ratio Lower Upper

142 100

141 89.7 73.2 109.8

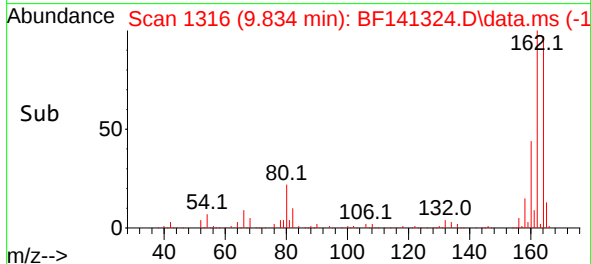
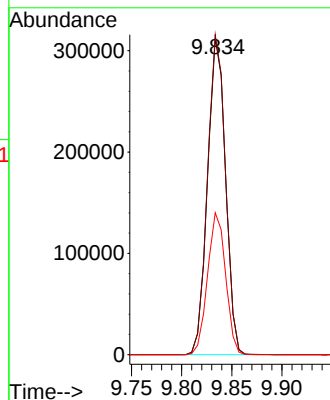
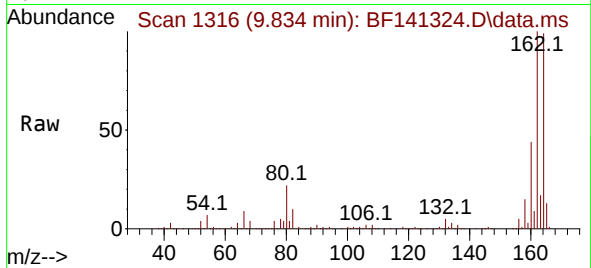




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

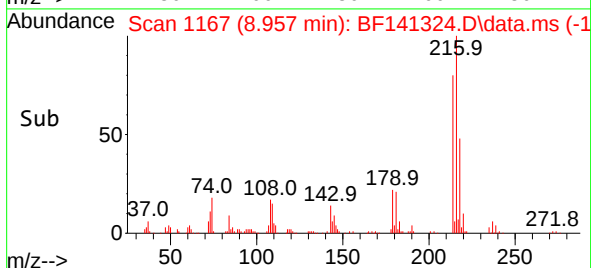
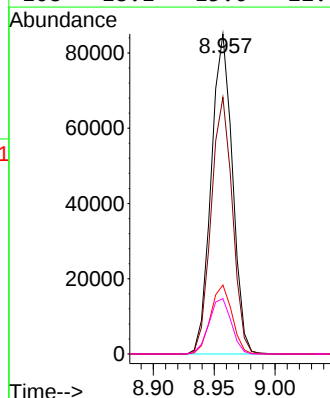
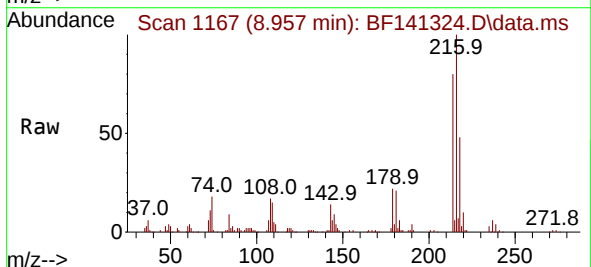
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:164 Resp: 390598
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 44.9 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.300 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

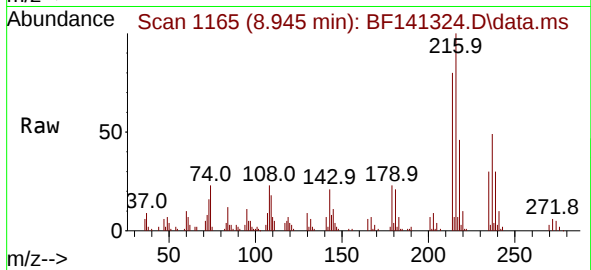
Tgt Ion:216 Resp: 103346
Ion Ratio Lower Upper
216 100
214 79.9 63.2 94.8
179 21.7 17.8 26.8
108 18.1 15.0 22.6



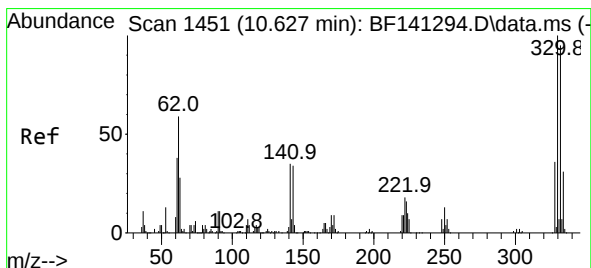
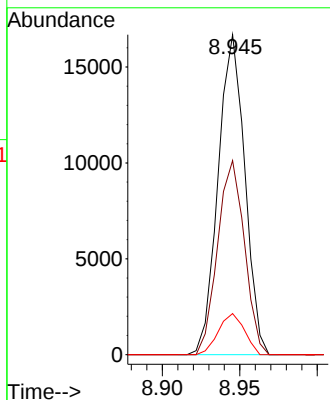
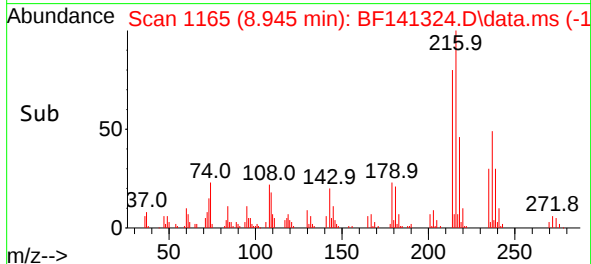


#41
Hexachlorocyclopentadiene
Concen: 6.093 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

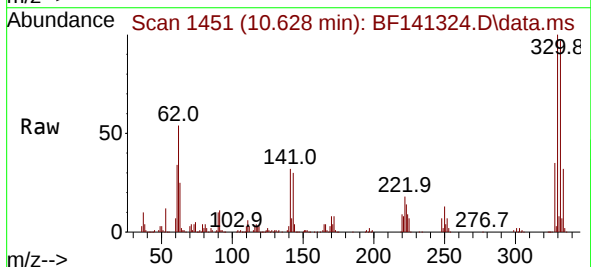
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



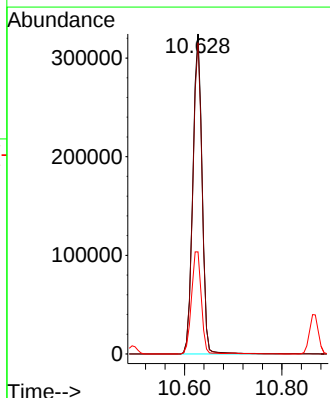
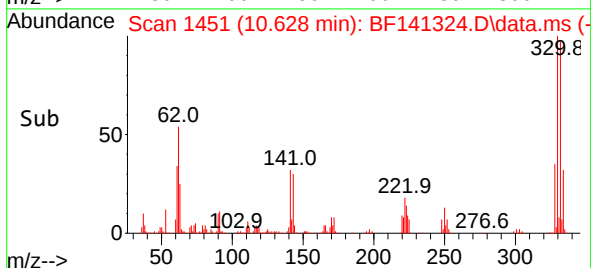
Tgt Ion:237 Resp: 19997
Ion Ratio Lower Upper
237 100
235 60.7 42.9 82.9
272 12.9 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 119.931 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35



Tgt Ion:330 Resp: 429459
Ion Ratio Lower Upper
330 100
332 97.4 76.1 114.1
141 33.9 28.8 43.2

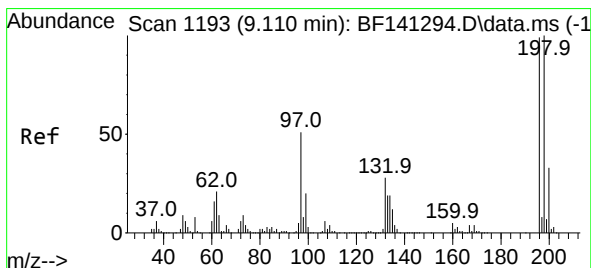
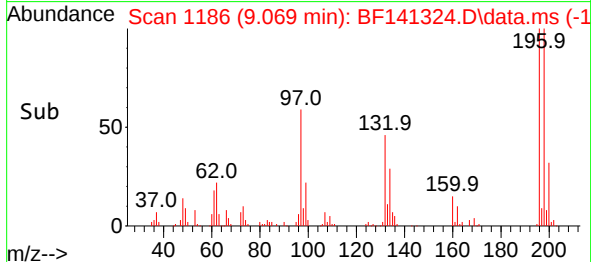
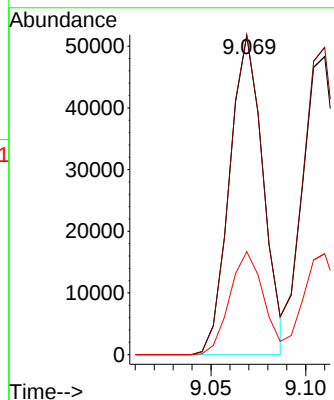
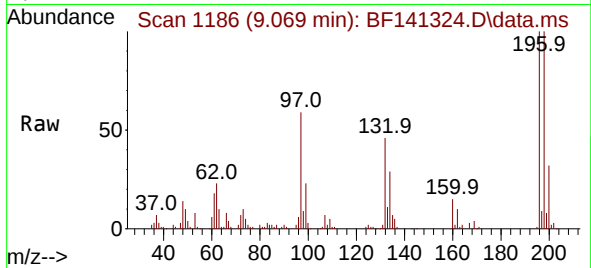




#43
2,4,6-Trichlorophenol
Concen: 8.751 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

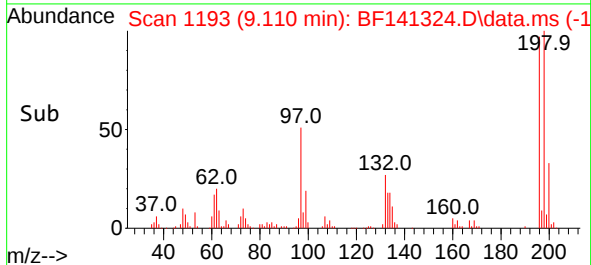
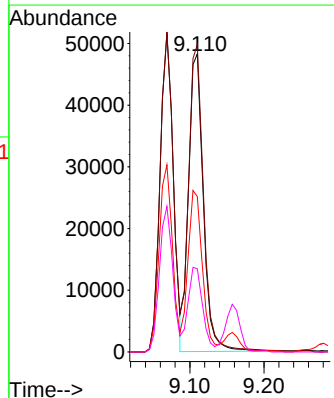
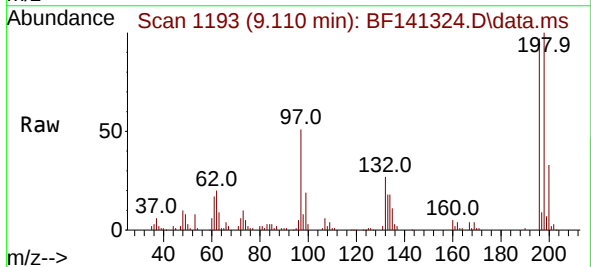
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

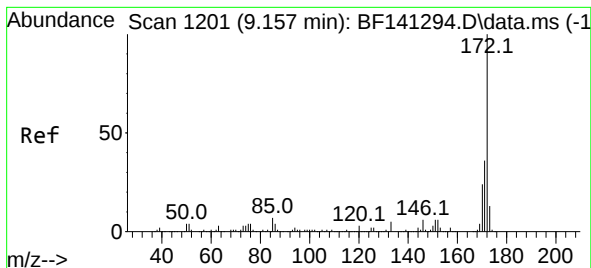
Tgt Ion:196 Resp: 63646
Ion Ratio Lower Upper
196 100
198 100.5 81.8 122.6
200 32.3 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 8.464 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:196 Resp: 67002
Ion Ratio Lower Upper
196 100
198 103.1 80.5 120.7
97 52.1 42.8 64.2
132 27.9 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 75.717 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

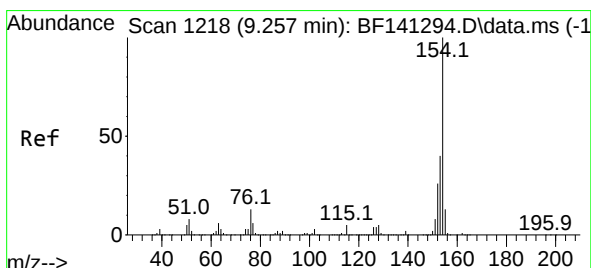
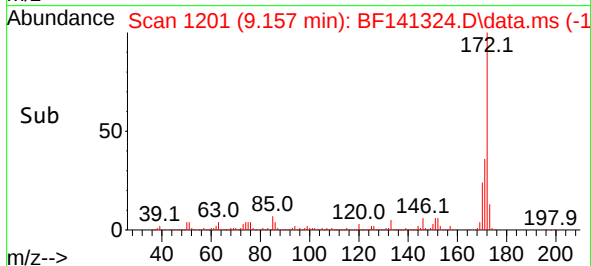
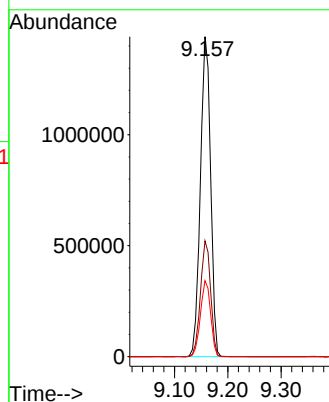
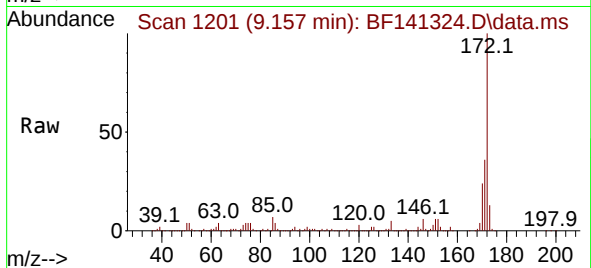
Tgt Ion:172 Resp: 1921458

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 9.639 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

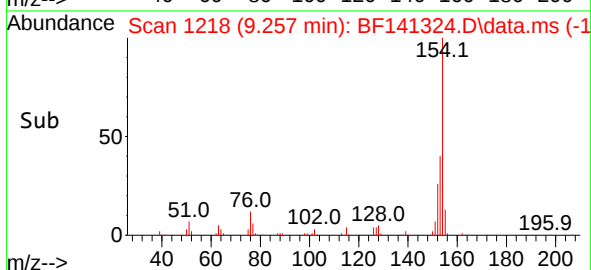
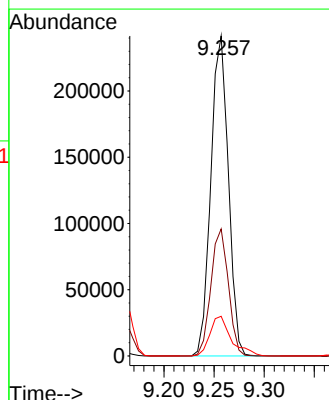
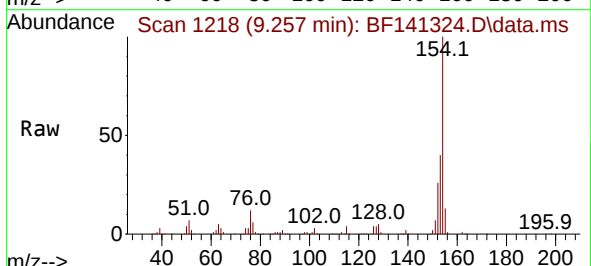
Tgt Ion:154 Resp: 293630

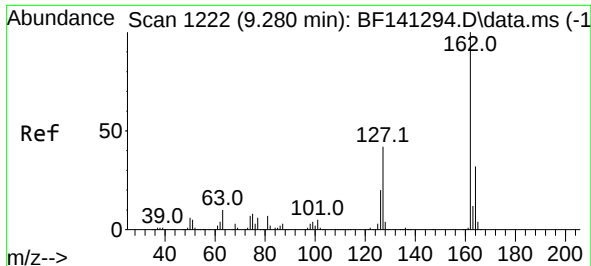
Ion Ratio Lower Upper

154 100

153 39.7 20.0 60.0

76 12.4 0.0 32.8





#47

2-Chloronaphthalene

Concen: 8.825 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

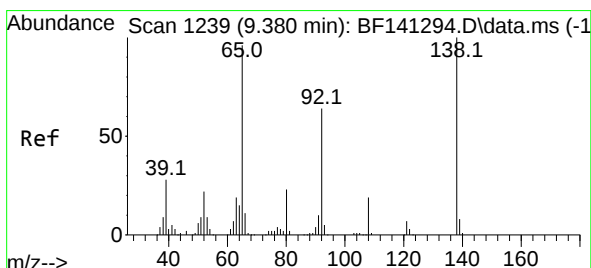
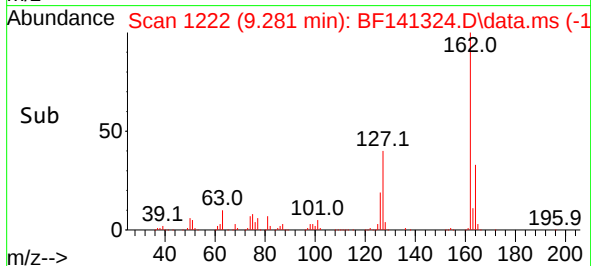
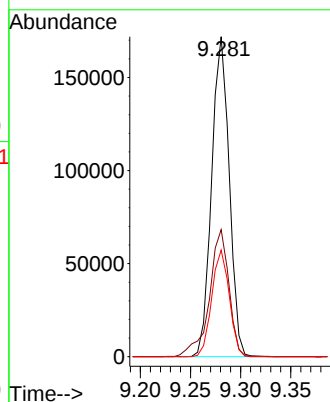
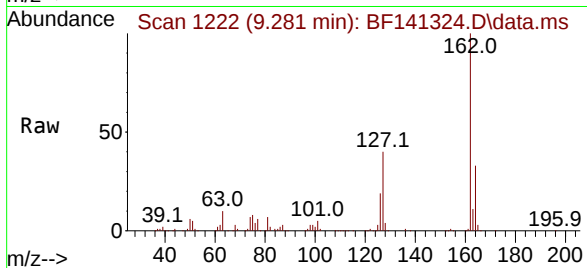
Tgt Ion:162 Resp: 209547

Ion Ratio Lower Upper

162 100

127 39.7 33.7 50.5

164 33.3 25.9 38.9



#48

2-Nitroaniline

Concen: 8.918 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

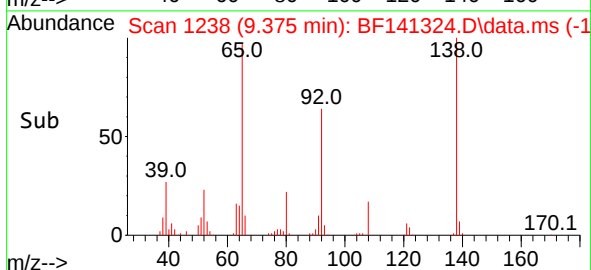
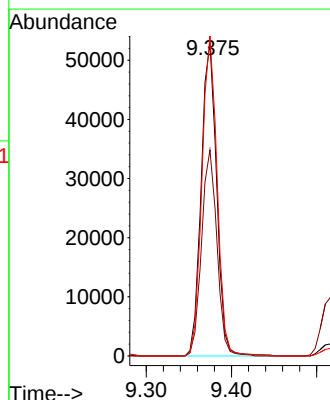
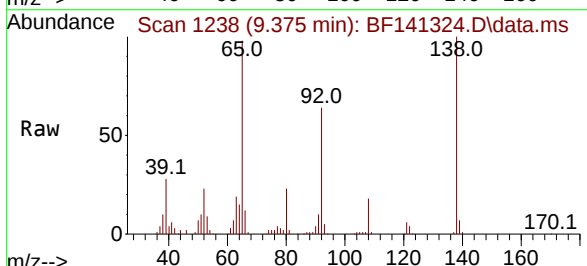
Tgt Ion: 65 Resp: 66600

Ion Ratio Lower Upper

65 100

92 65.9 53.3 79.9

138 102.3 83.6 125.4





#49

Acenaphthylene

Concen: 9.834 ng

RT: 9.692 min Scan# 1292

Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

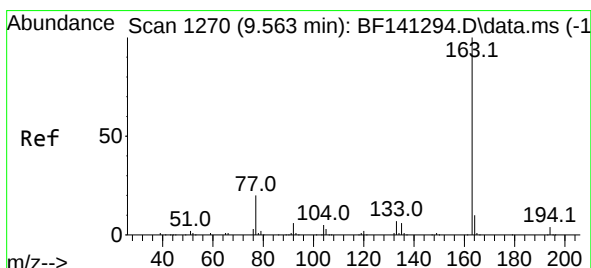
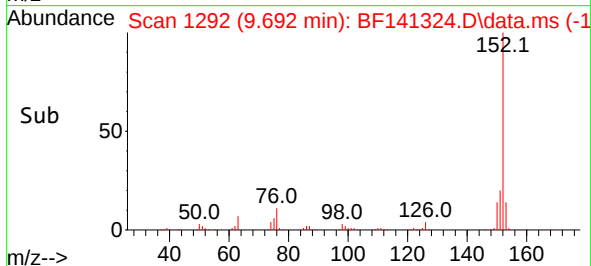
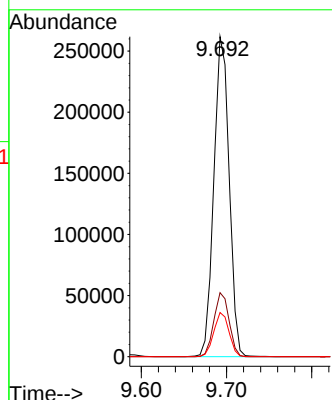
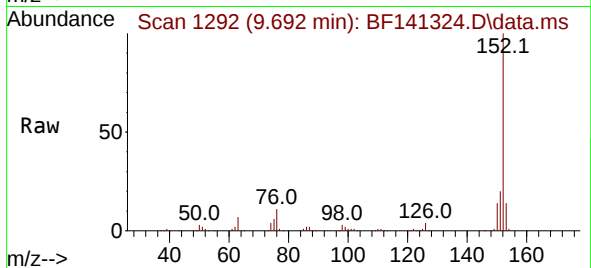
Tgt Ion:152 Resp: 326842

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.8 11.0 16.6



#50

Dimethylphthalate

Concen: 9.279 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

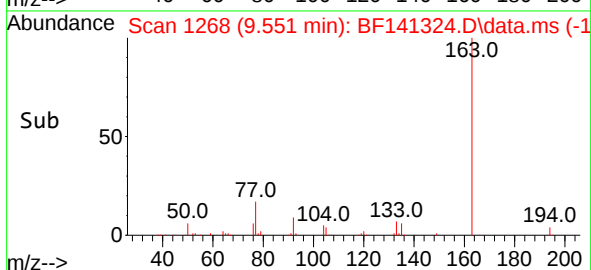
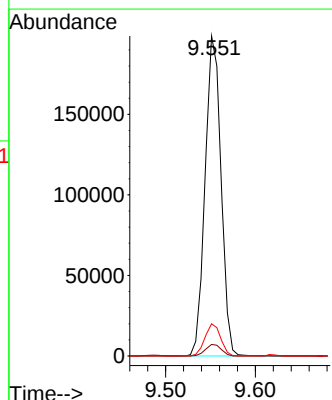
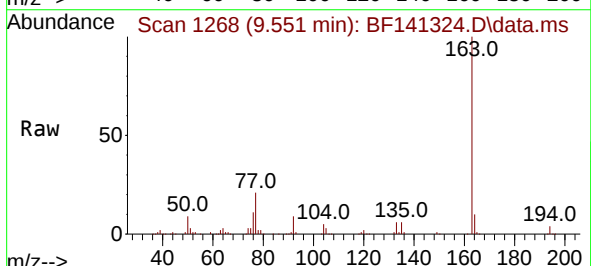
Tgt Ion:163 Resp: 244791

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 10.1 8.0 12.0

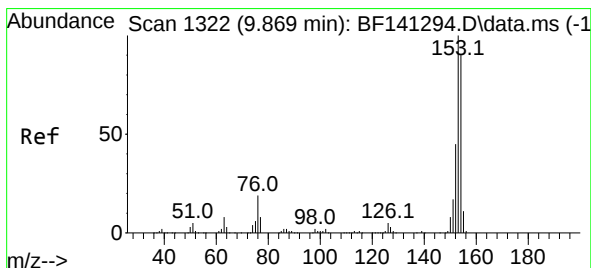
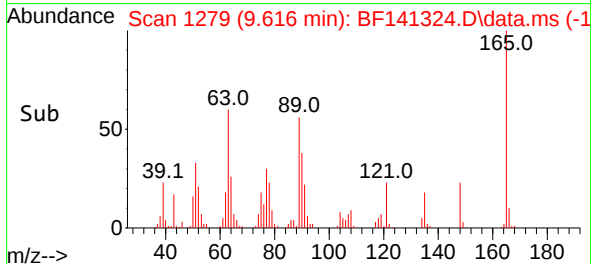
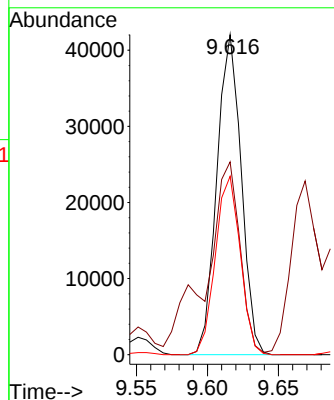
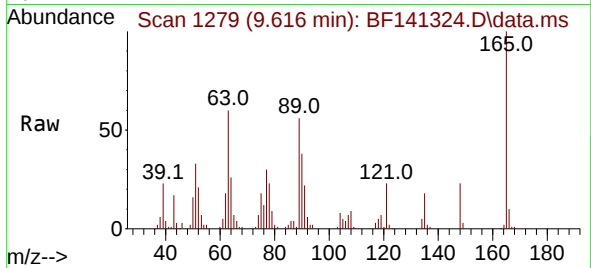




#51
2,6-Dinitrotoluene
Concen: 8.187 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

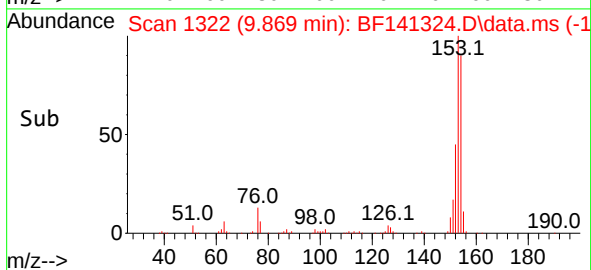
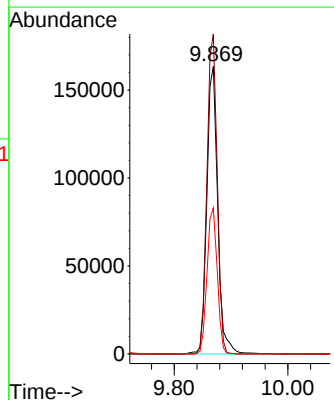
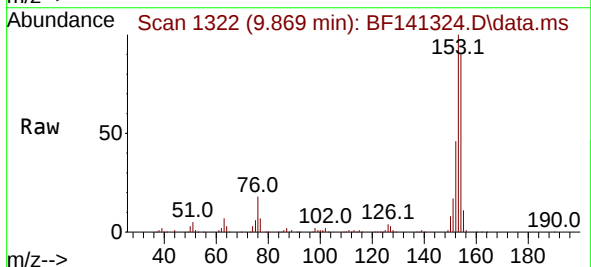
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

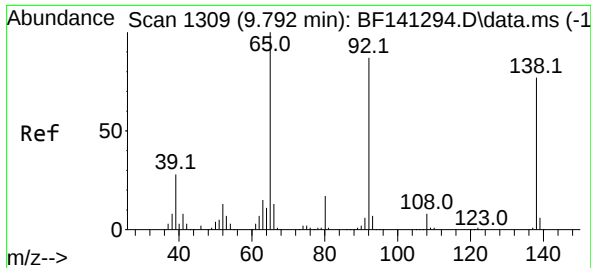
Tgt Ion:165 Resp: 50146
Ion Ratio Lower Upper
165 100
63 60.3 48.1 72.1
89 55.8 44.9 67.3



#52
Acenaphthene
Concen: 9.095 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:154 Resp: 215946
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.4
152 50.8 40.2 60.4

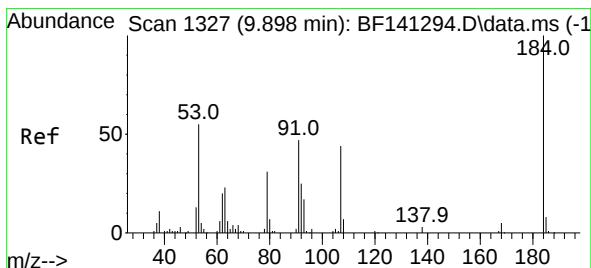
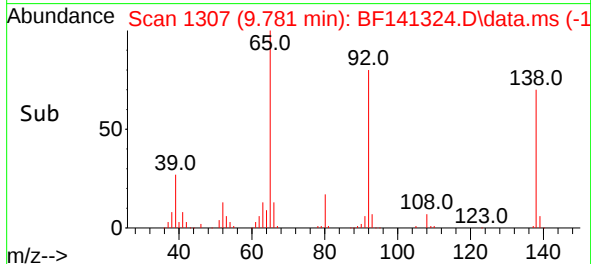
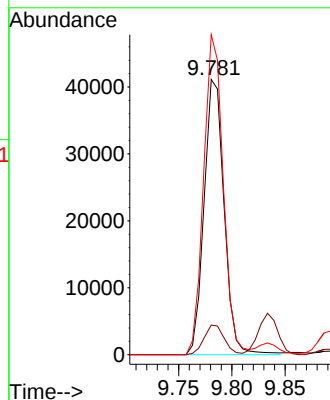
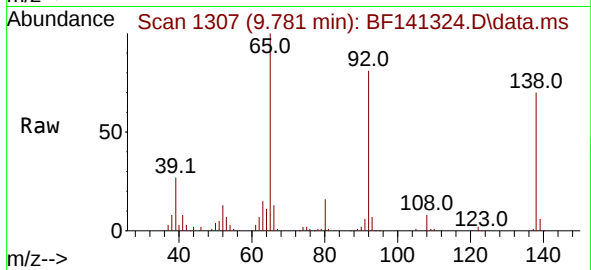




#53
3-Nitroaniline
Concen: 8.978 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

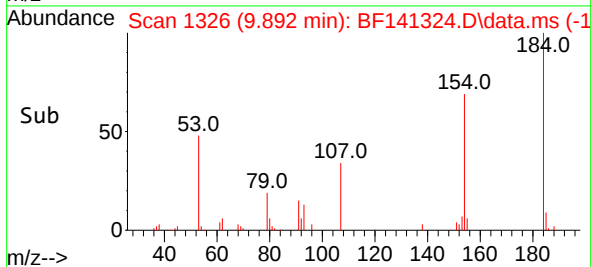
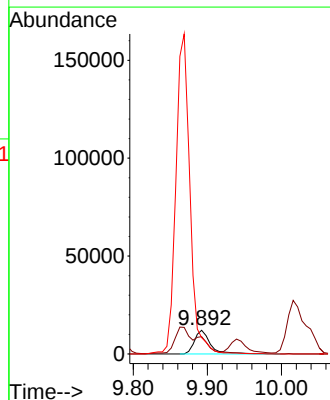
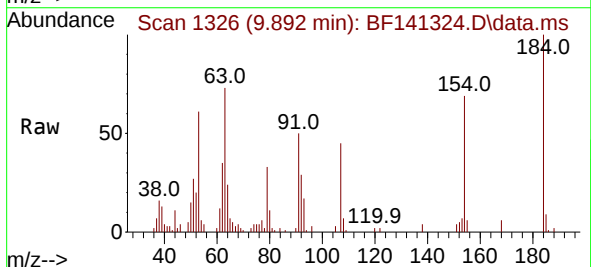
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

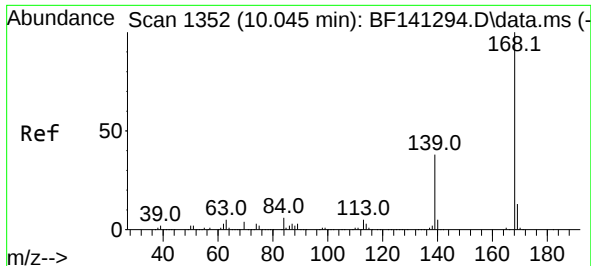
Tgt Ion:138 Resp: 53898
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 116.3 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 6.329 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:184 Resp: 18021
Ion Ratio Lower Upper
184 100
63 72.5 54.1 81.1
154 68.8 50.7 76.1

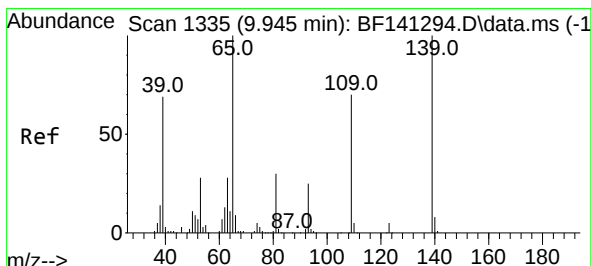
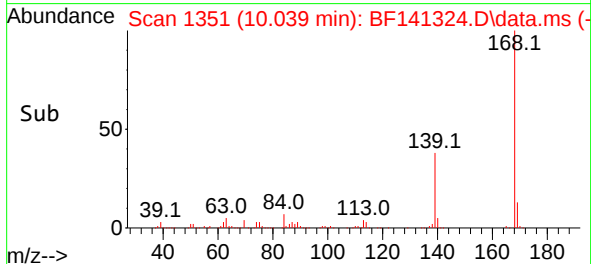
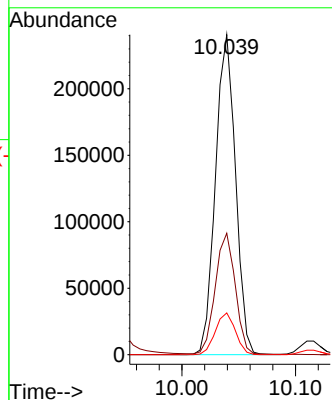
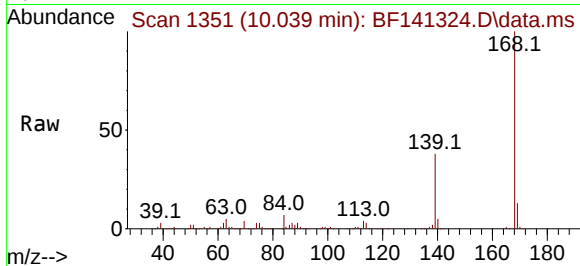




#55
Dibenzenofuran
Concen: 9.287 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

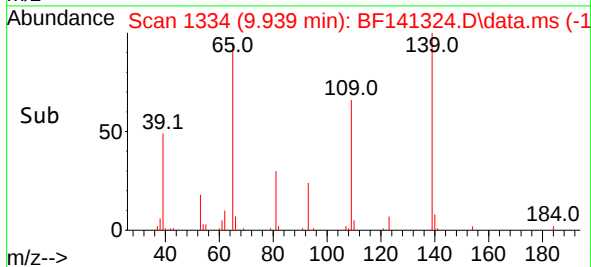
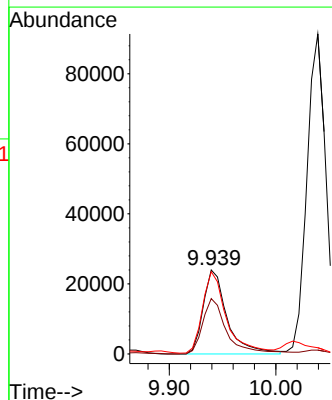
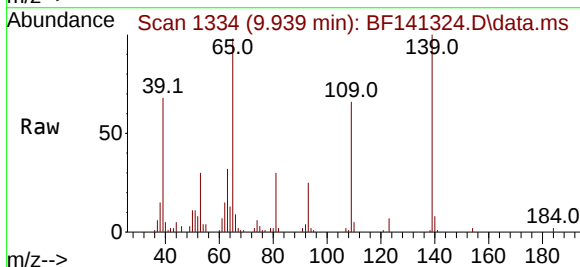
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

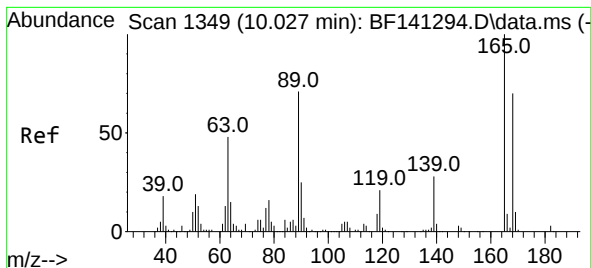
Tgt Ion:168 Resp: 295157
Ion Ratio Lower Upper
168 100
139 38.0 30.6 46.0
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 8.531 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.018 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:139 Resp: 37455
Ion Ratio Lower Upper
139 100
109 66.0 50.2 90.2
65 97.9 80.6 120.6

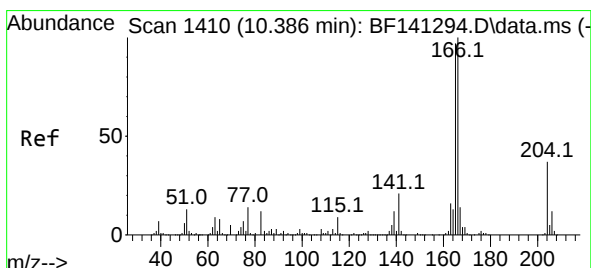
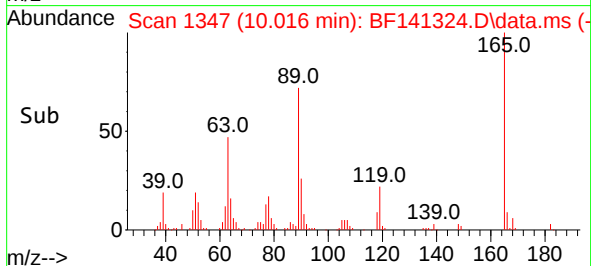
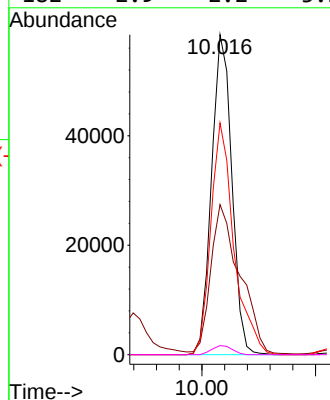
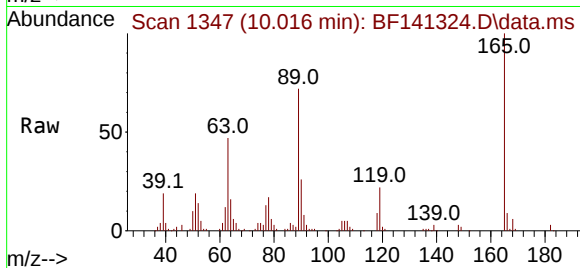




#57
2,4-Dinitrotoluene
Concen: 9.143 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

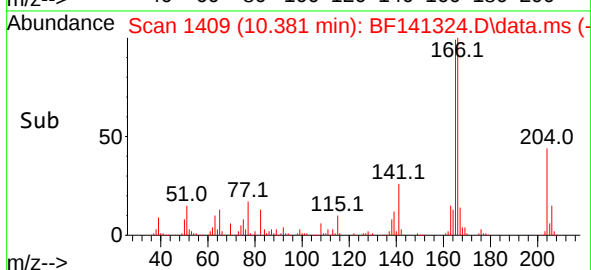
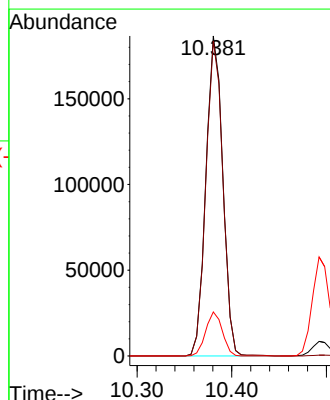
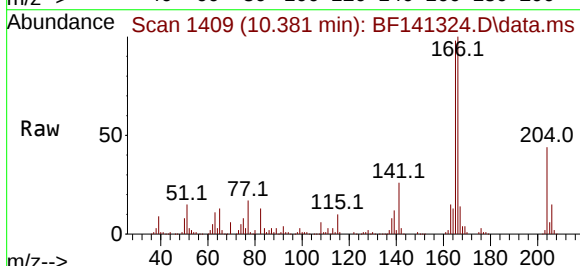
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

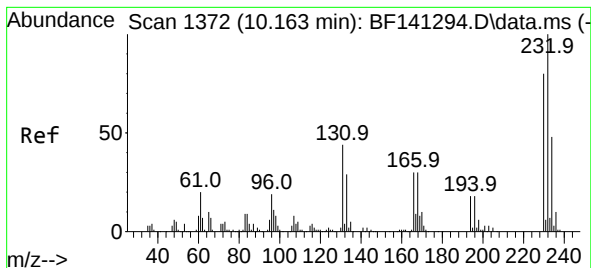
Tgt Ion:	165	Resp:	72513
Ion Ratio	Lower	Upper	
165	100		
63	46.9	39.2	58.8
89	72.4	56.9	85.3
182	2.9	2.2	3.2



#58
Fluorene
Concen: 9.372 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:	166	Resp:	231042
Ion Ratio	Lower	Upper	
166	100		
165	98.5	77.5	116.3
167	13.8	10.9	16.3

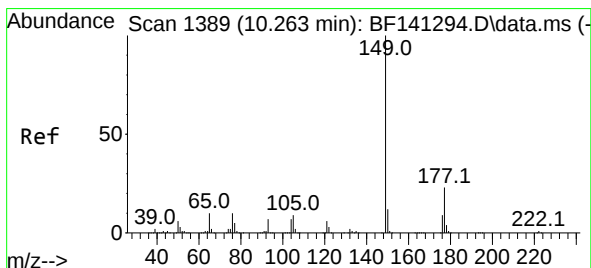
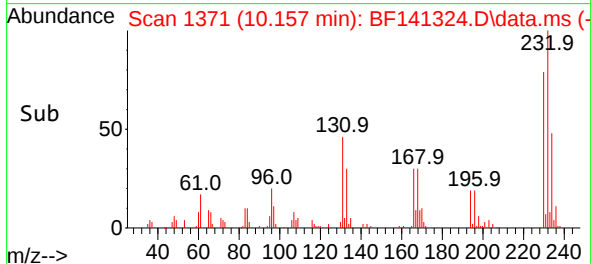
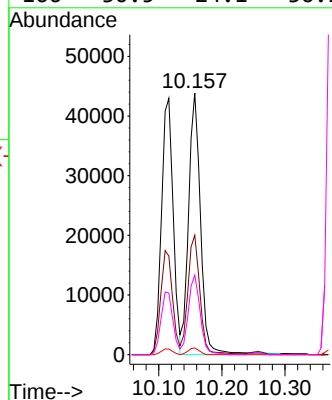
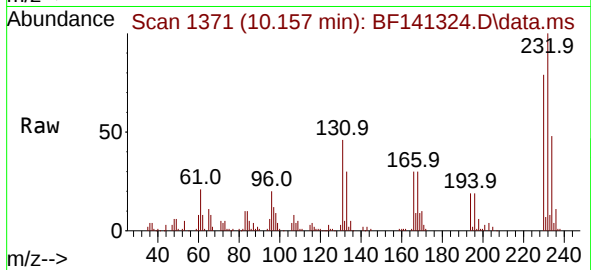




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.177 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

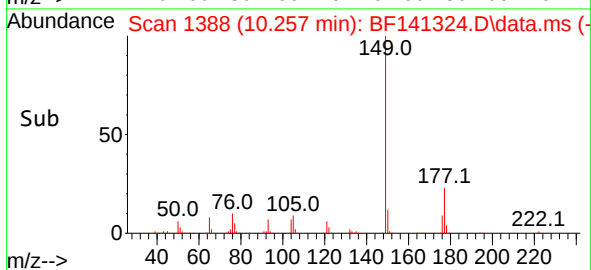
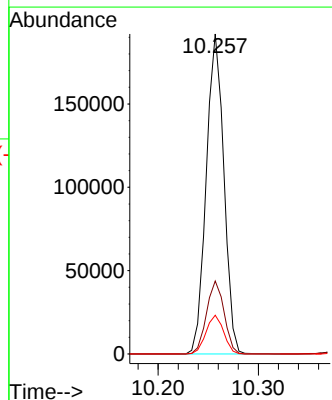
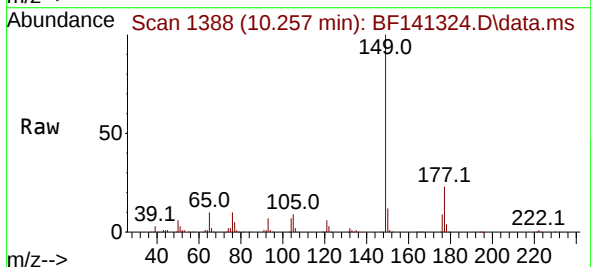
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

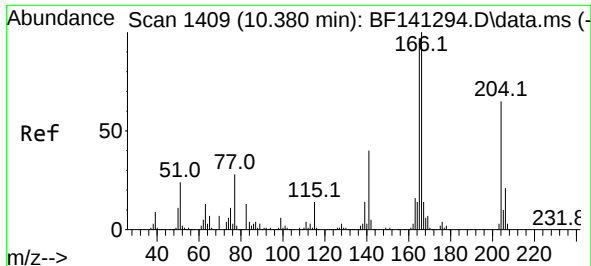
Tgt Ion:232 Resp: 57154
Ion Ratio Lower Upper
232 100
131 46.4 36.4 54.6
130 2.4 1.9 2.9
166 30.5 24.1 36.1



#60
Diethylphthalate
Concen: 9.193 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:149 Resp: 235155
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.1 10.0 15.0

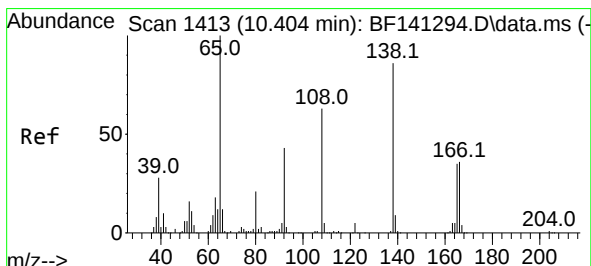
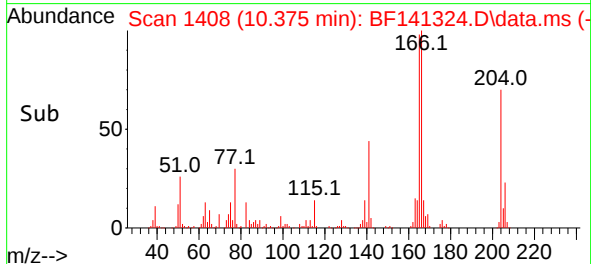
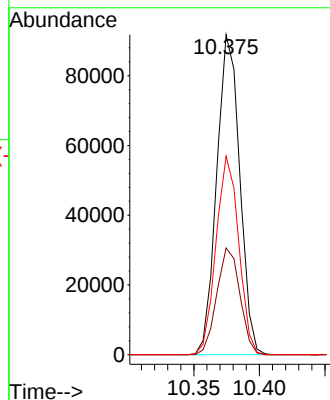
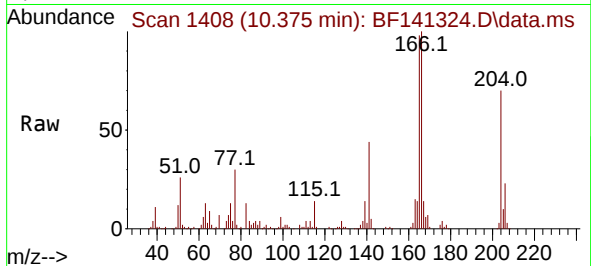




#61
4-Chlorophenyl-phenylether
Concen: 9.287 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

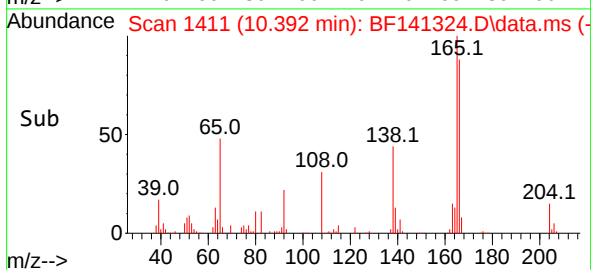
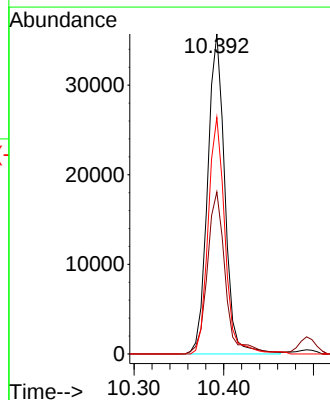
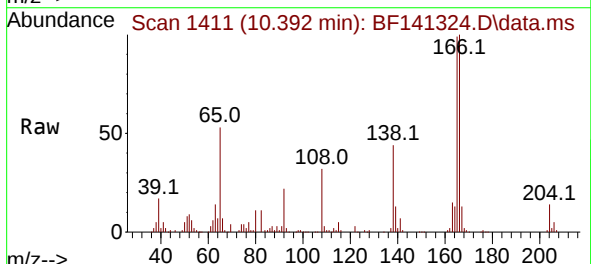
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

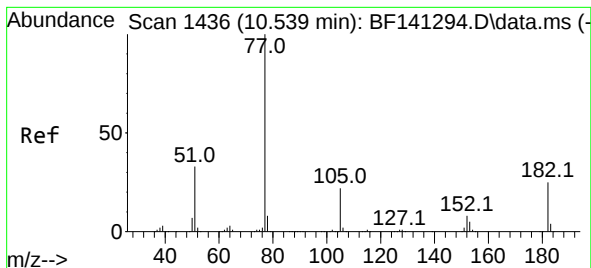
Tgt Ion:204 Resp: 111835
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 62.1 49.5 74.3



#62
4-Nitroaniline
Concen: 8.069 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:138 Resp: 47624
Ion Ratio Lower Upper
138 100
92 50.6 30.1 70.1
108 73.9 53.1 93.1





#63

Azobenzene

Concen: 9.334 ng

RT: 10.539 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 77 Resp: 238981

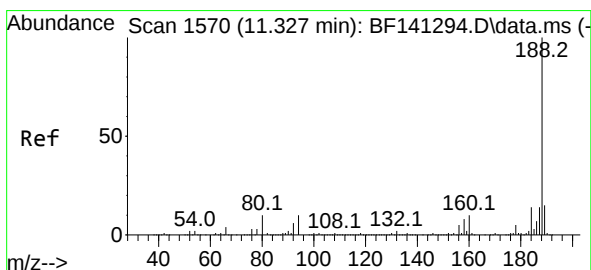
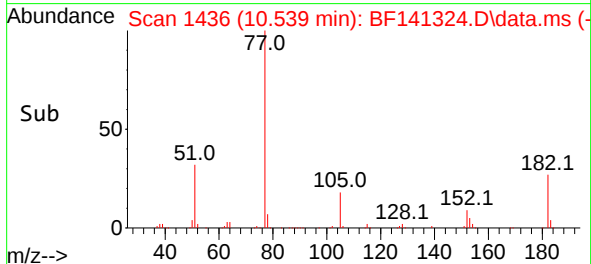
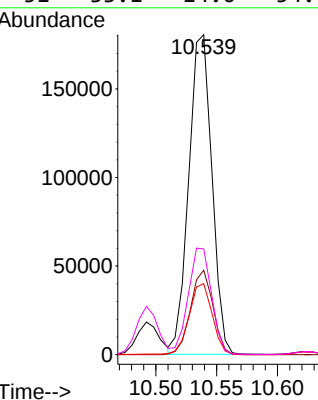
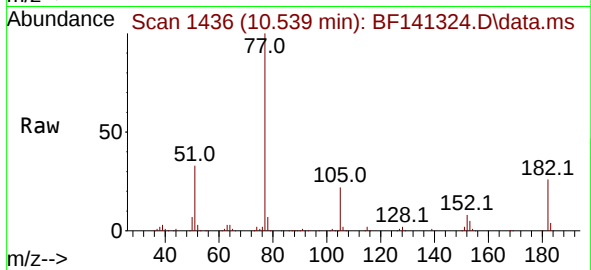
Ion Ratio Lower Upper

77 100

182 26.4 5.1 45.1

105 22.2 1.8 41.8

51 33.1 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

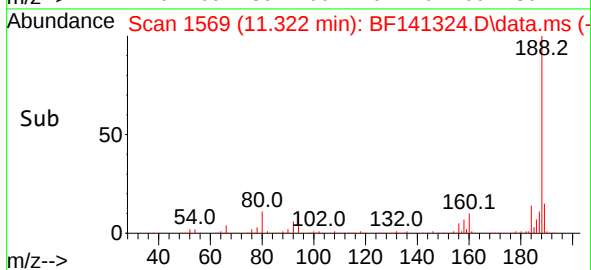
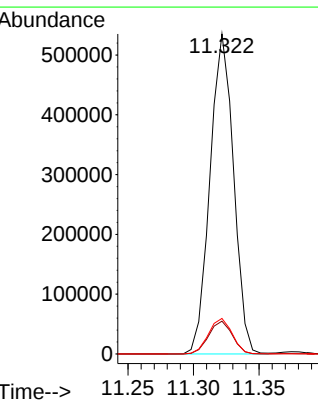
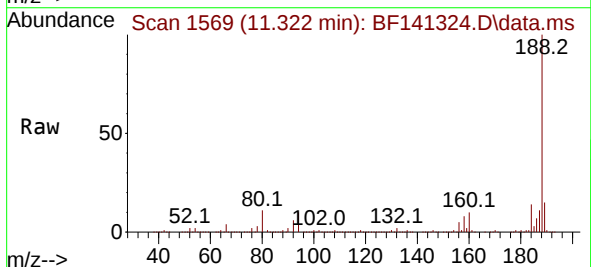
Tgt Ion: 188 Resp: 668753

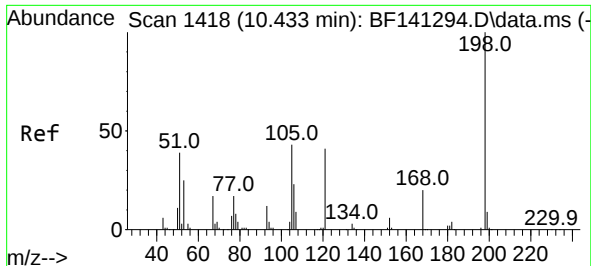
Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

80 11.1 8.2 12.4

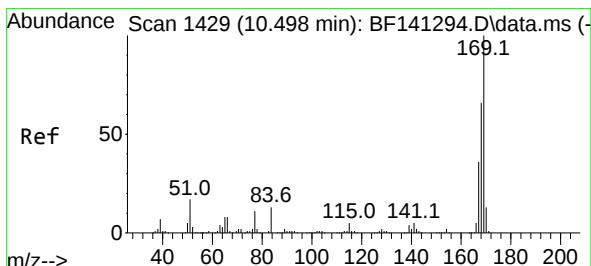
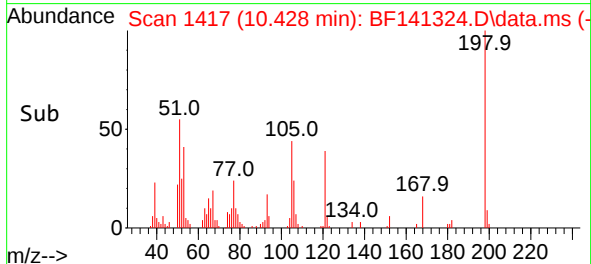
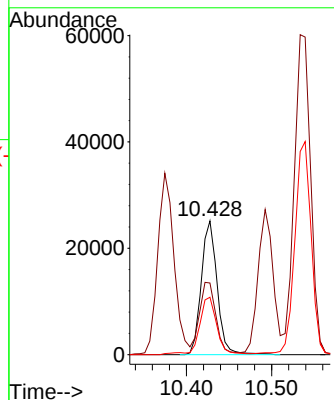
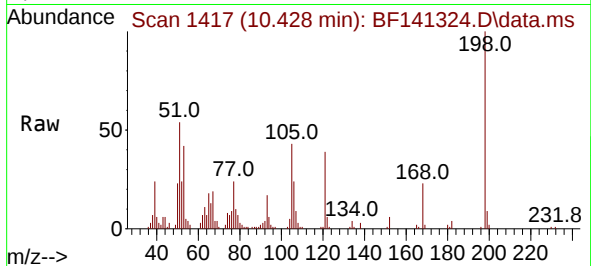




#65
4,6-Dinitro-2-methylphenol
Concen: 8.229 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

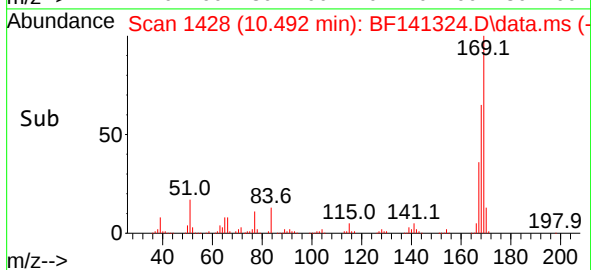
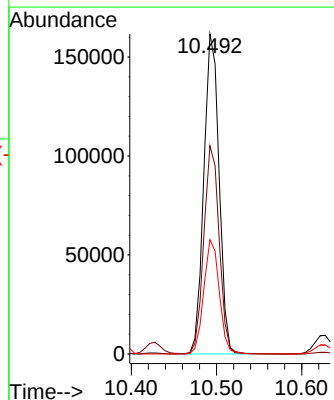
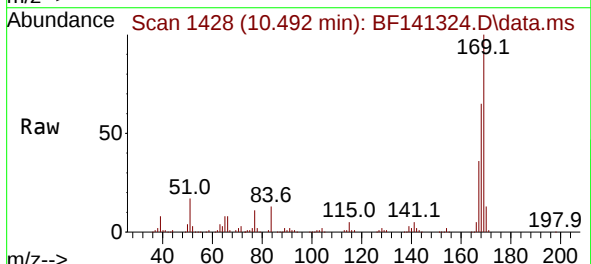
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

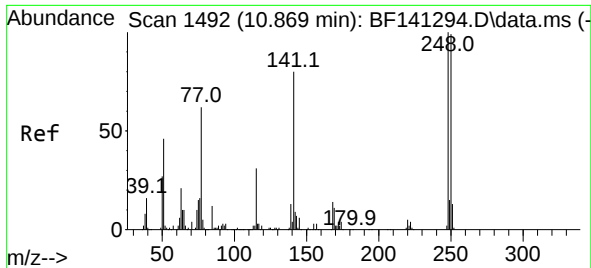
Tgt Ion:198 Resp: 32552
Ion Ratio Lower Upper
198 100
51 53.6 33.4 73.4
105 43.0 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 9.285 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:169 Resp: 200841
Ion Ratio Lower Upper
169 100
168 65.1 53.0 79.4
167 35.7 28.8 43.2

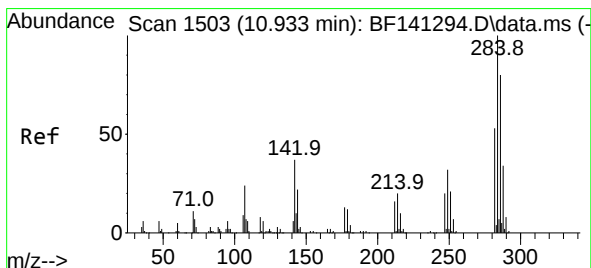
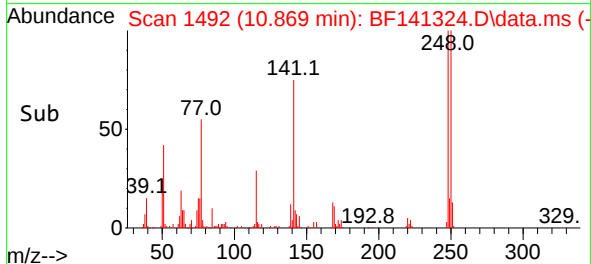
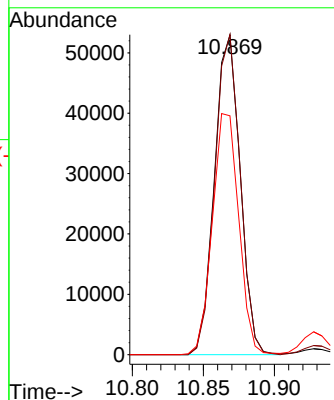
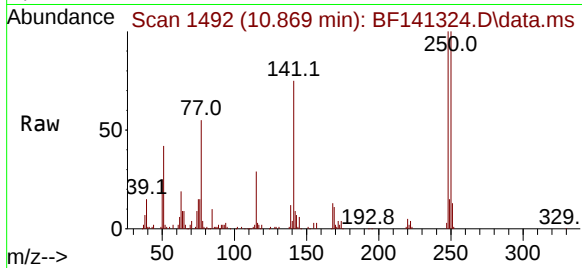




#67
4-Bromophenyl-phenylether
Concen: 8.915 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

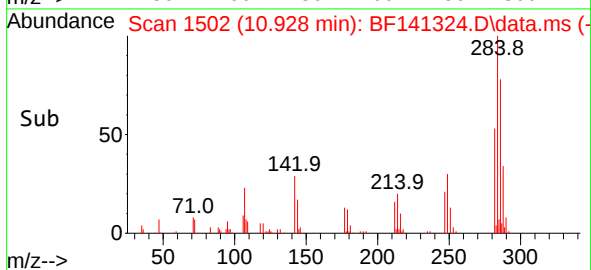
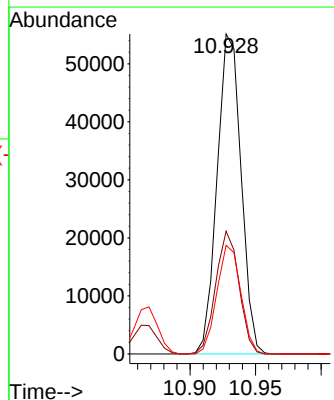
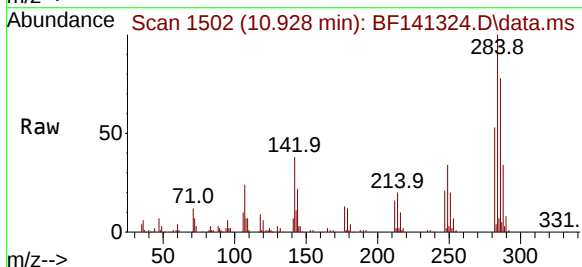
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

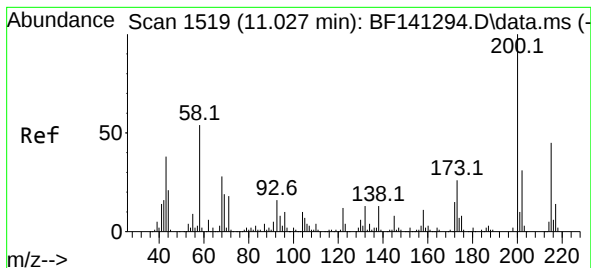
Tgt Ion:248 Resp: 66746
Ion Ratio Lower Upper
248 100
250 100.1 79.0 118.4
141 74.7 63.7 95.5



#68
Hexachlorobenzene
Concen: 8.816 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:284 Resp: 70013
Ion Ratio Lower Upper
284 100
142 38.4 29.5 44.3
249 34.0 25.4 38.2





#69

Atrazine

Concen: 9.137 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

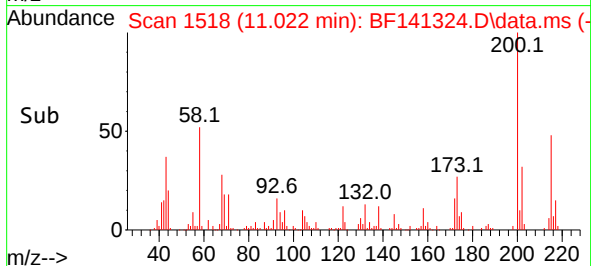
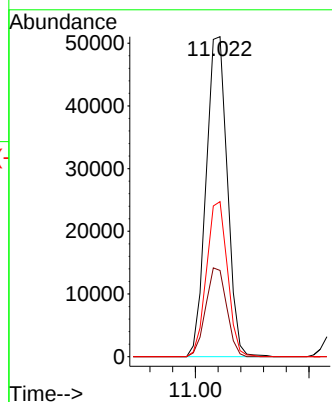
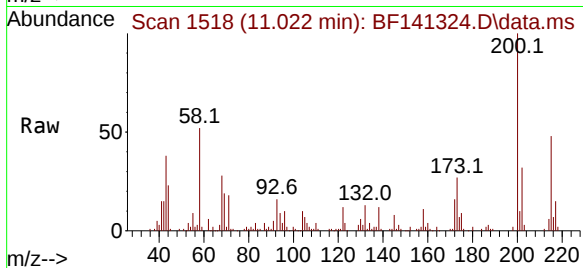
Tgt Ion:200 Resp: 66081

Ion Ratio Lower Upper

200 100

173 27.0 5.9 45.9

215 48.5 25.2 65.2



#70

Pentachlorophenol

Concen: 8.270 ng

RT: 11.128 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

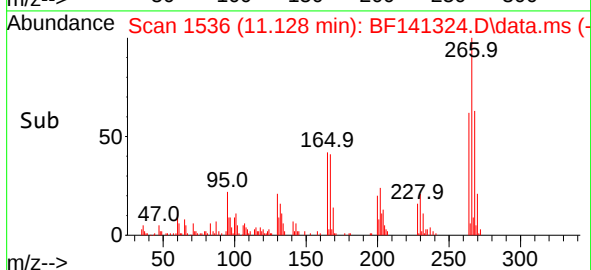
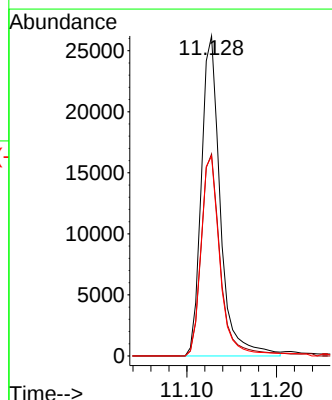
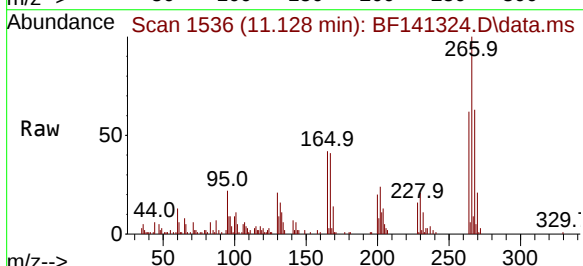
Tgt Ion:266 Resp: 38462

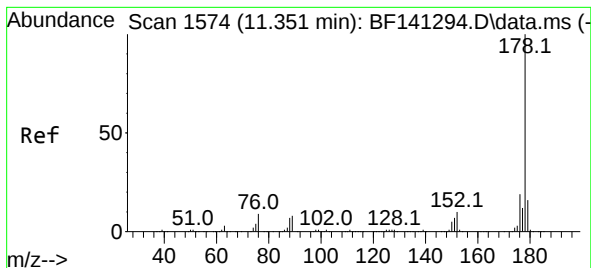
Ion Ratio Lower Upper

266 100

268 63.1 49.9 74.9

264 62.4 51.0 76.4





#71

Phenanthrene

Concen: 9.646 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

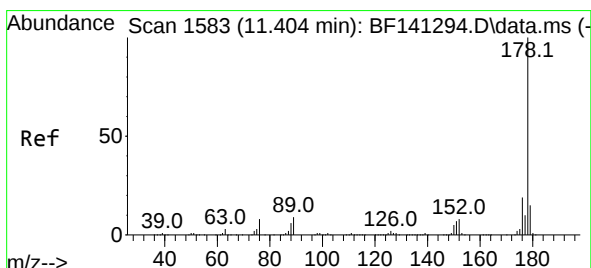
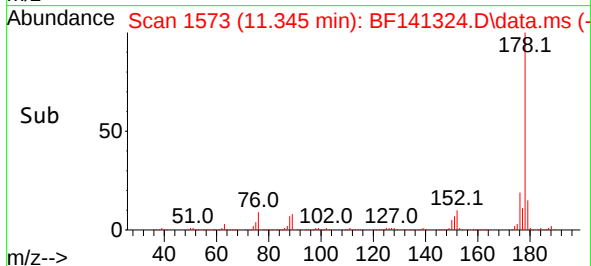
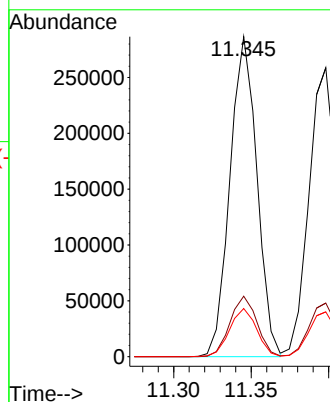
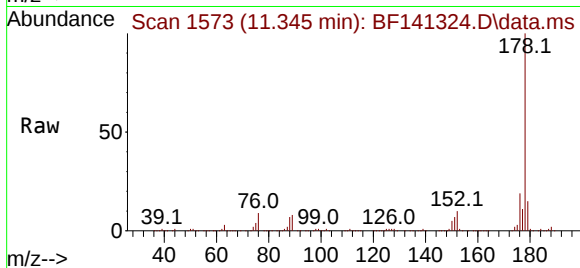
Tgt Ion:178 Resp: 346750

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.1 12.5 18.7



#72

Anthracene

Concen: 9.350 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

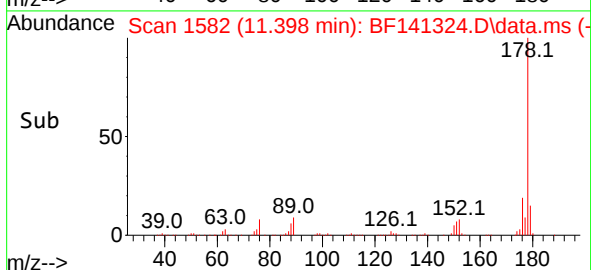
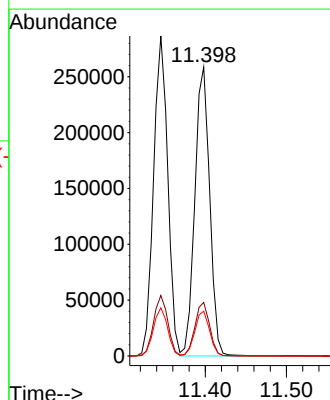
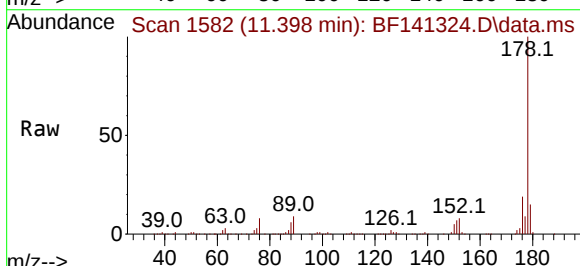
Tgt Ion:178 Resp: 329348

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

179 15.5 12.3 18.5

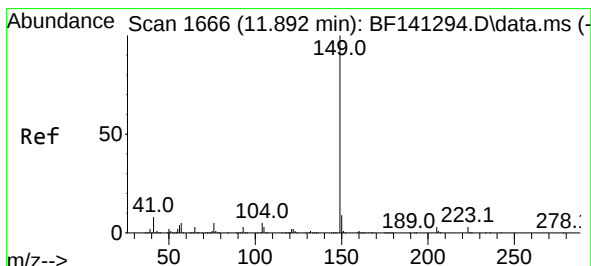
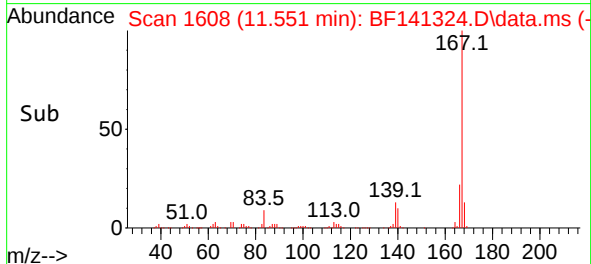
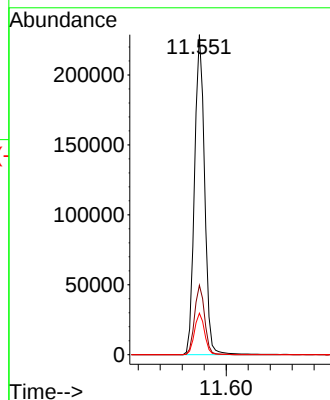
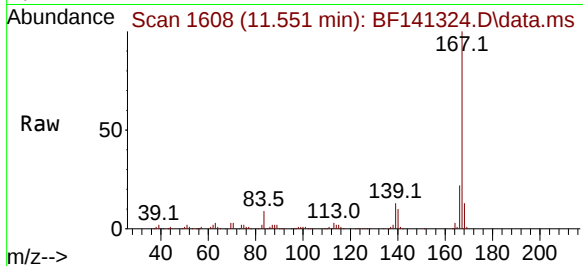




#73
Carbazole
Concen: 9.303 ng
RT: 11.551 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

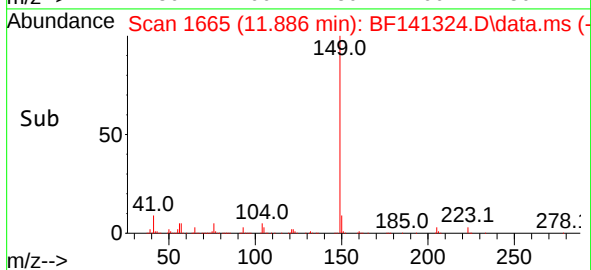
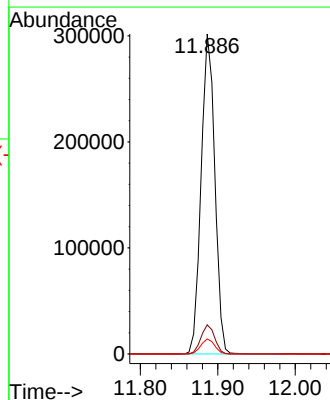
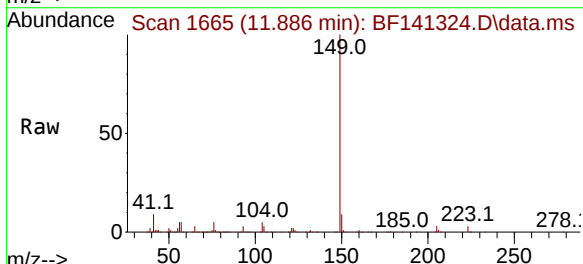
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:167 Resp: 290574
Ion Ratio Lower Upper
167 100
166 21.7 17.0 25.6
139 13.0 10.6 16.0



#74
Di-n-butylphthalate
Concen: 9.793 ng
RT: 11.886 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:149 Resp: 370662
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.7 3.9 5.9

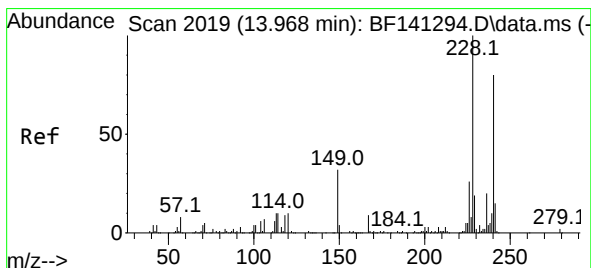
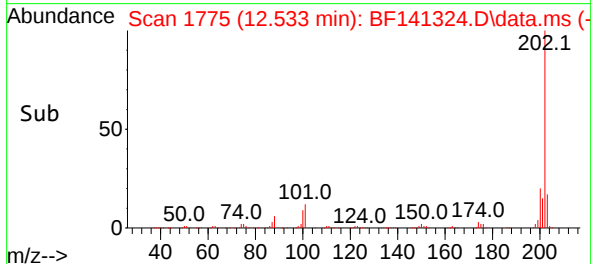
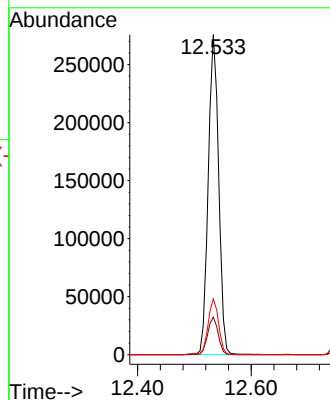
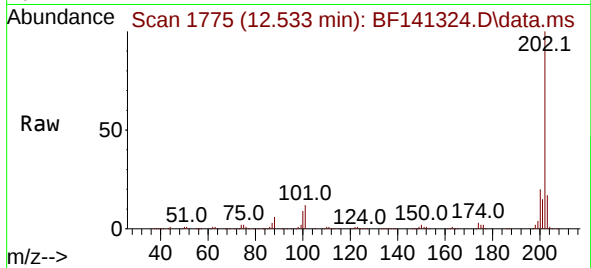




#75
Fluoranthene
Concen: 9.838 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

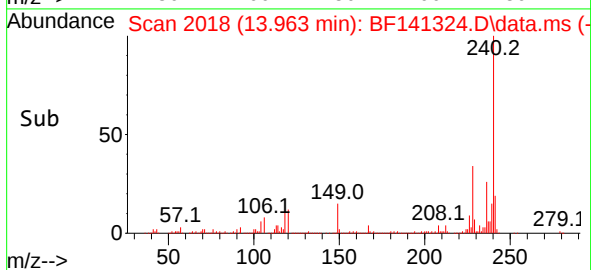
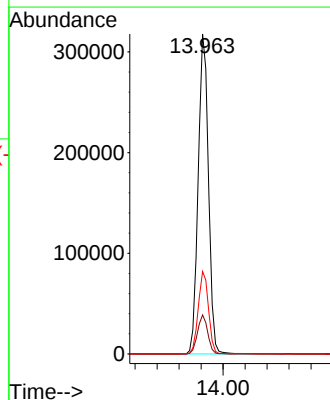
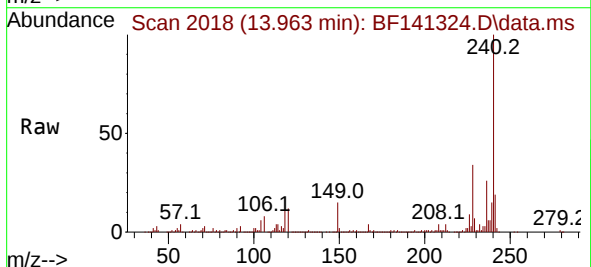
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

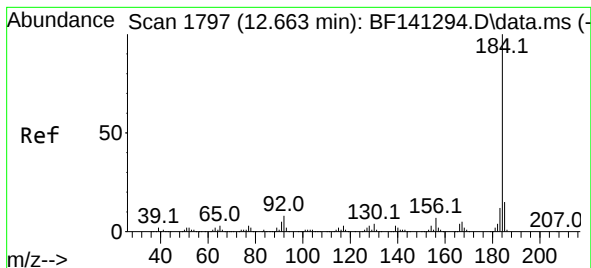
Tgt Ion:202 Resp: 349208
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:240 Resp: 413173
Ion Ratio Lower Upper
240 100
120 12.2 10.0 15.0
236 25.8 19.7 29.5





#77

Benzidine

Concen: 4.060 ng

RT: 12.663 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

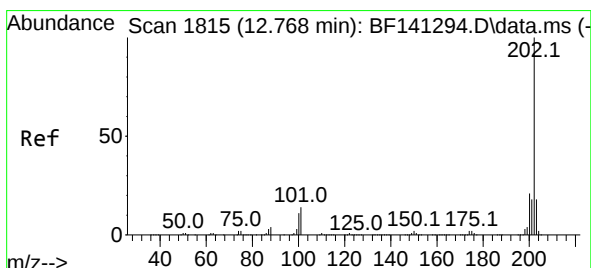
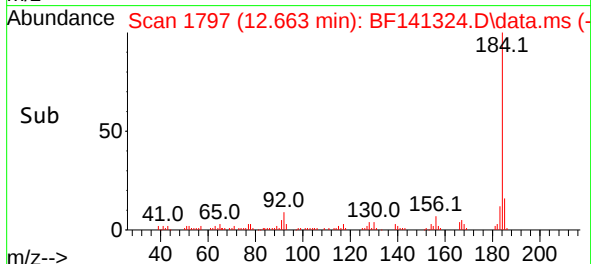
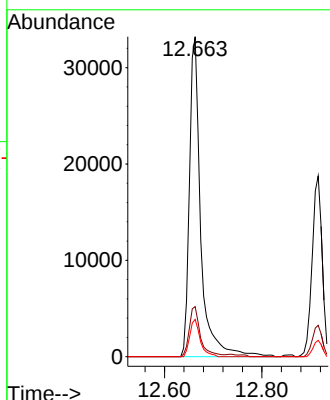
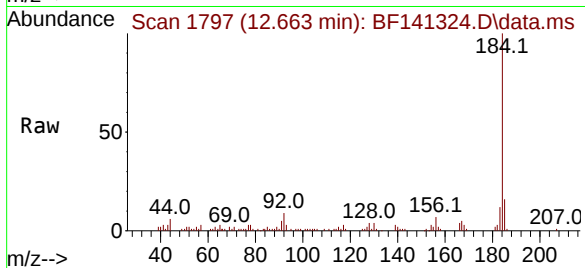
Tgt Ion:184 Resp: 53784

Ion Ratio Lower Upper

184 100

185 15.7 11.9 17.9

183 11.7 9.5 14.3



#78

Pyrene

Concen: 9.198 ng

RT: 12.763 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

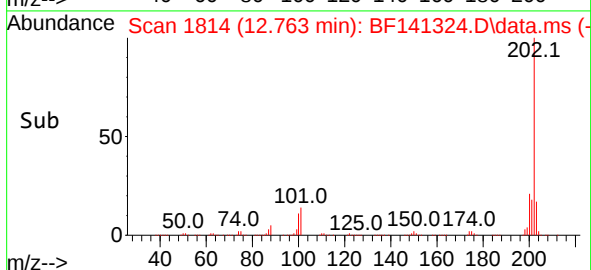
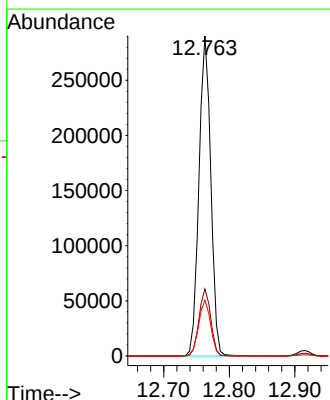
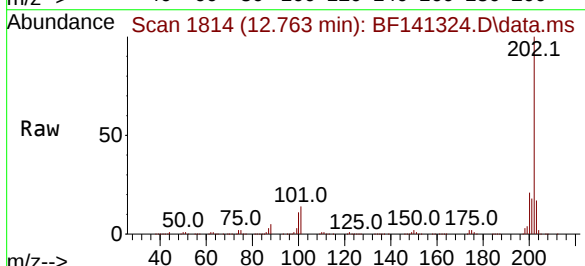
Tgt Ion:202 Resp: 364782

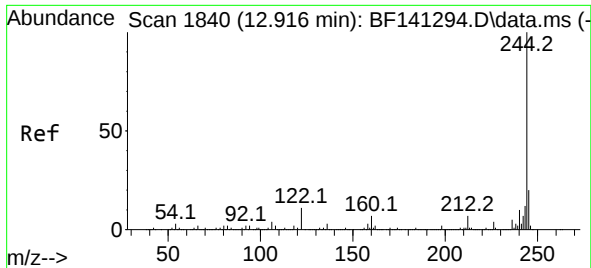
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.4 14.3 21.5



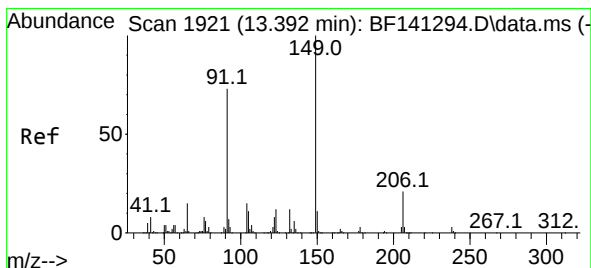
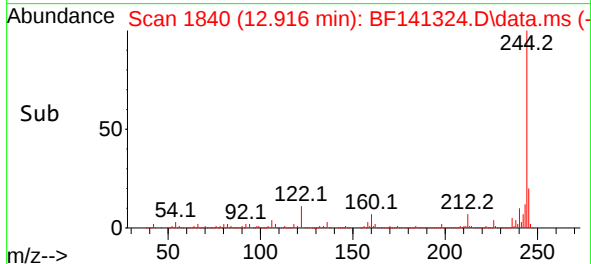
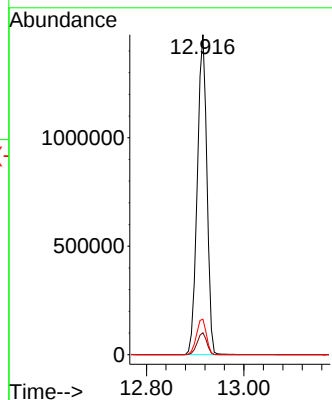
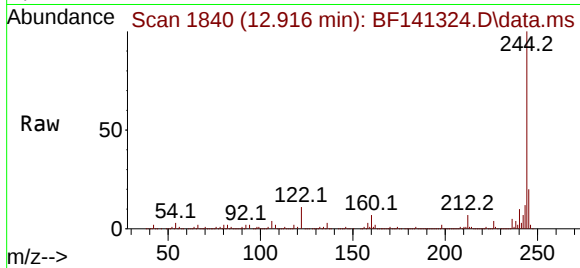


#79
 Terphenyl-d14
 Concen: 75.885 ng
 RT: 12.916 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

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

Tgt Ion:244 Resp: 2033058

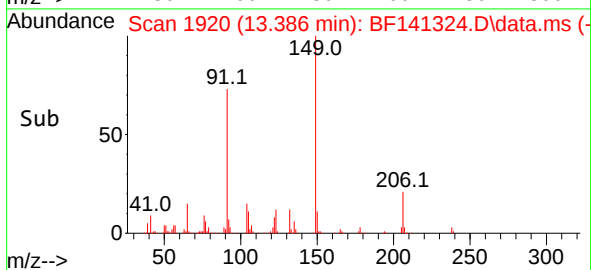
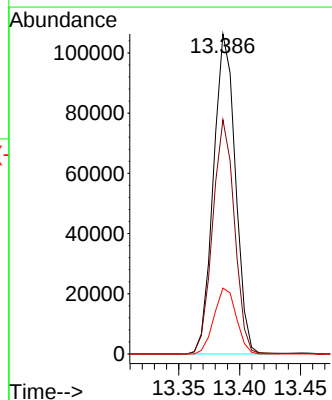
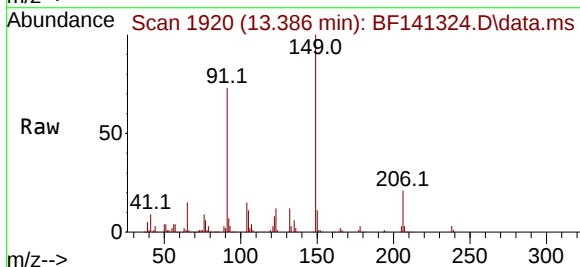
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.1	8.8	13.2

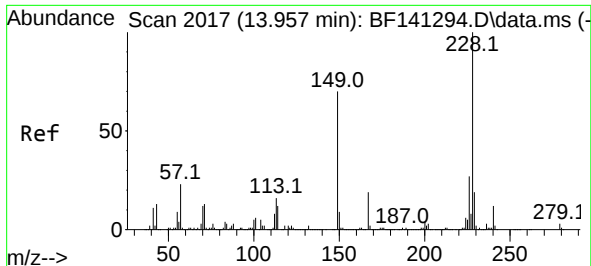


#80
 Butylbenzylphthalate
 Concen: 9.613 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

Tgt Ion:149 Resp: 133192

Ion	Ratio	Lower	Upper
149	100		
91	73.2	58.6	87.8
206	20.6	16.7	25.1

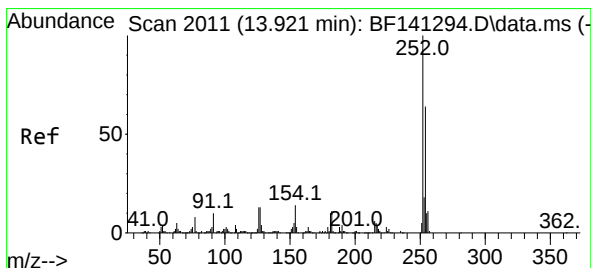
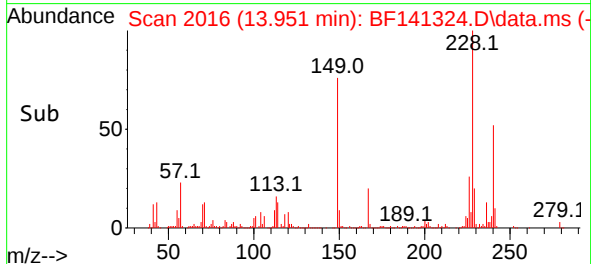
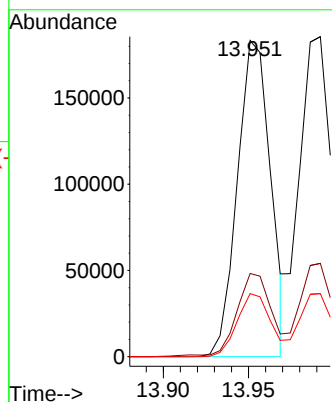
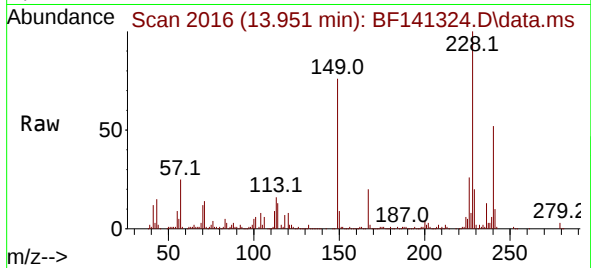




#81
Benzo(a)anthracene
Concen: 8.694 ng
RT: 13.951 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

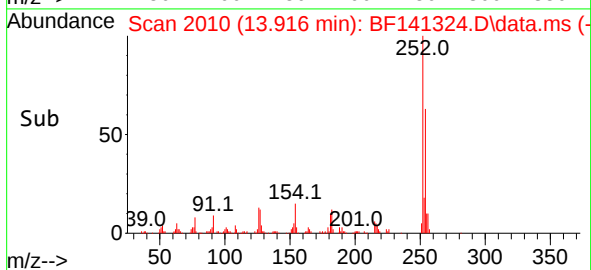
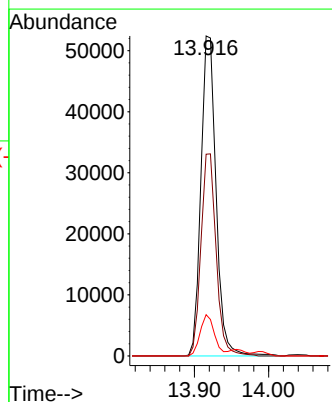
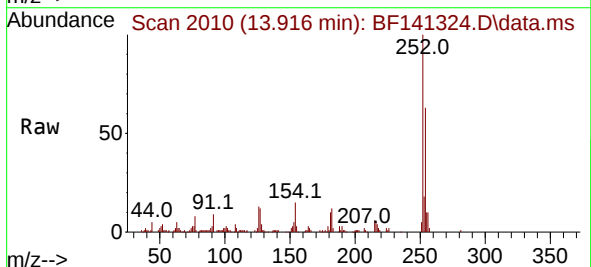
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

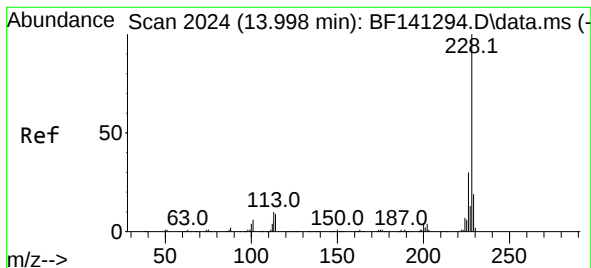
Tgt Ion:228 Resp: 247879
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.2
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 8.208 ng
RT: 13.916 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:252 Resp: 74428
Ion Ratio Lower Upper
252 100
254 63.1 51.3 76.9
126 12.9 10.0 15.0





#83

Chrysene

Concen: 9.604 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

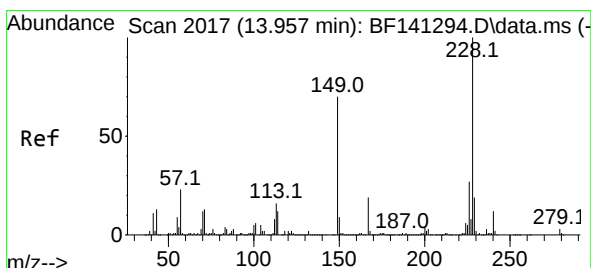
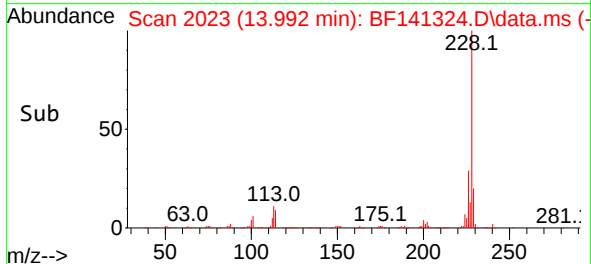
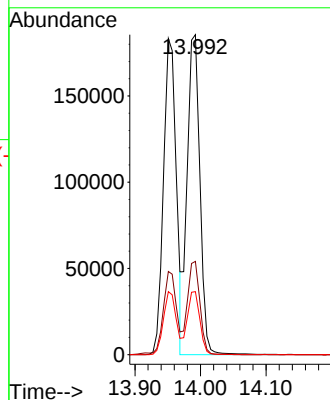
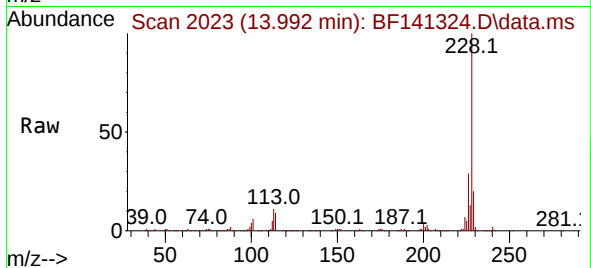
Tgt Ion:228 Resp: 250953

Ion Ratio Lower Upper

228 100

226 29.1 24.1 36.1

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.998 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

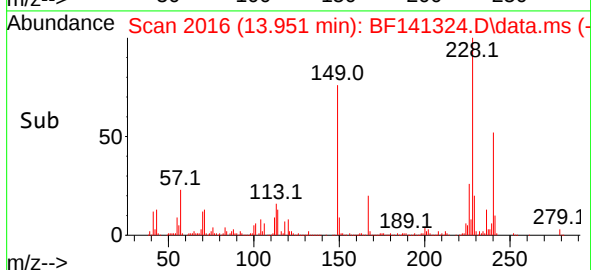
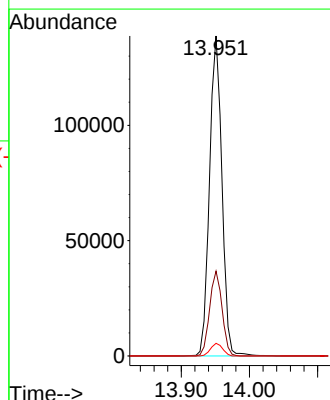
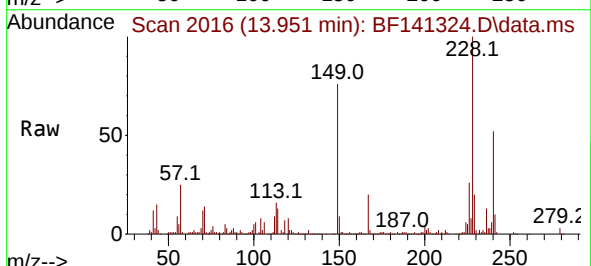
Tgt Ion:149 Resp: 175735

Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.8

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 9.212 ng

RT: 14.574 min Scan# 2122

Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

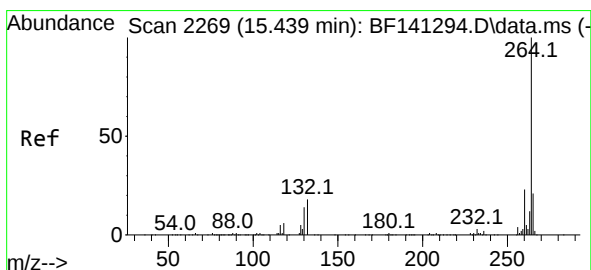
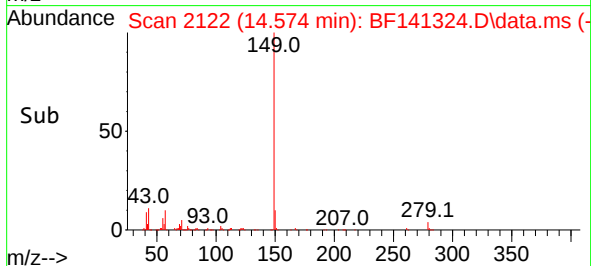
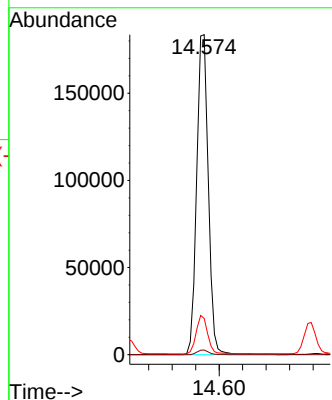
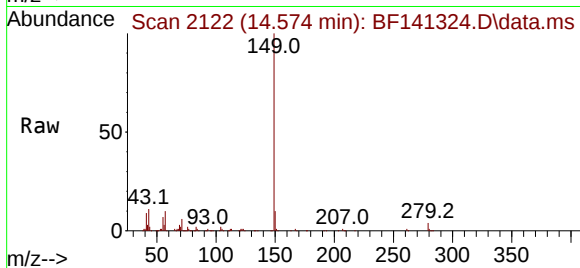
Tgt Ion:149 Resp: 251475

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.9 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: BF141324.D

Acq: 31 Jan 2025 11:35

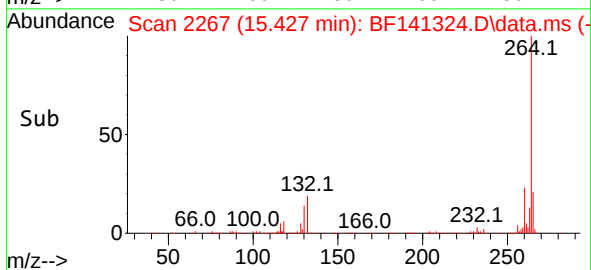
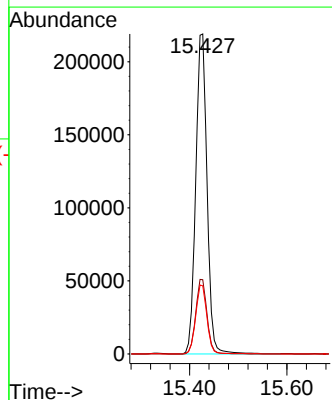
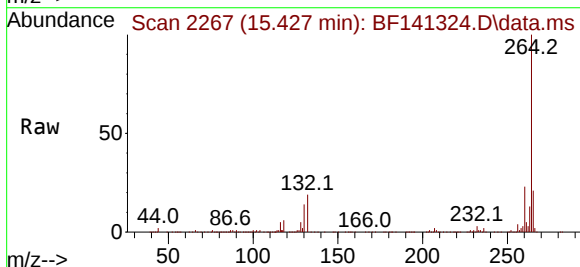
Tgt Ion:264 Resp: 355054

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

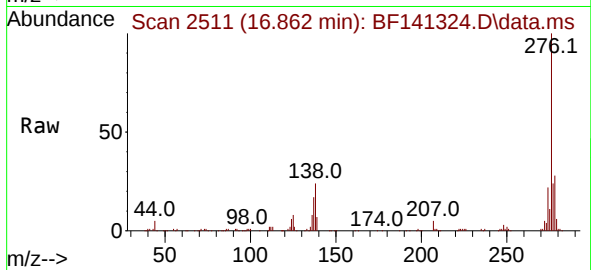
265 21.3 16.7 25.1



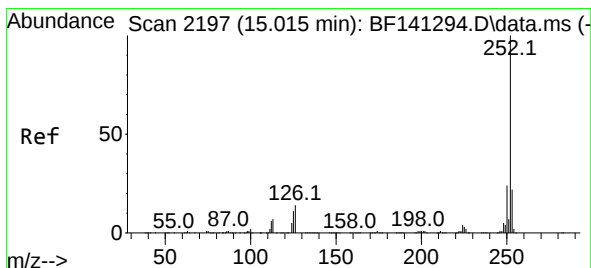
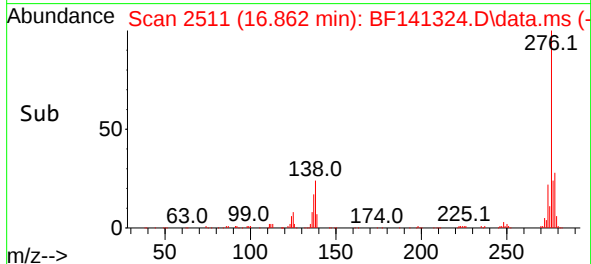
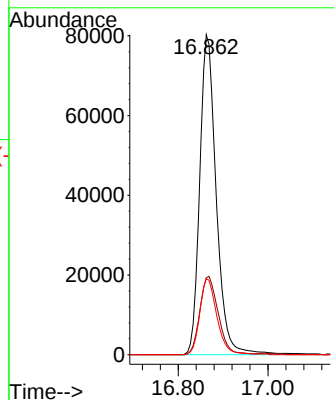


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.943 ng
 RT: 16.862 min Scan# 2111
 Delta R.T. -0.035 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

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

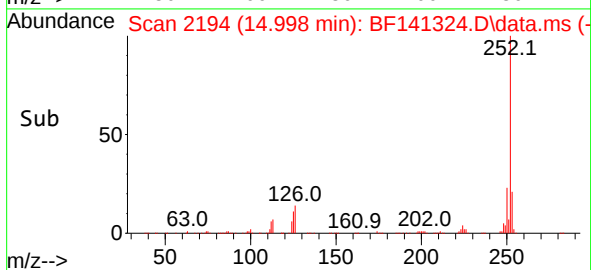
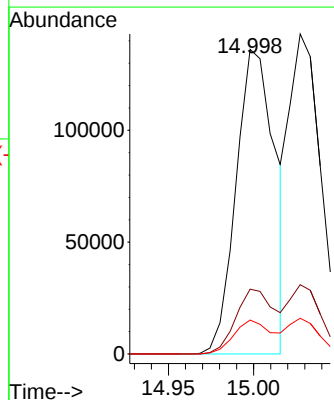
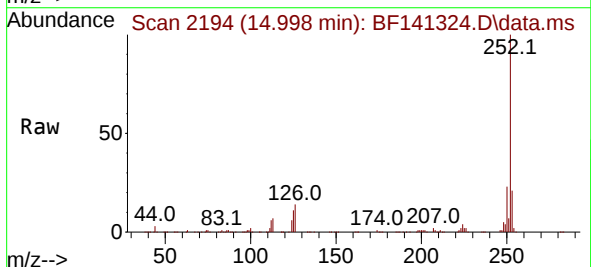


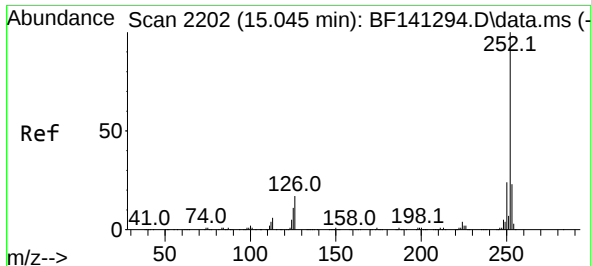
Tgt Ion:276 Resp: 204934
 Ion Ratio Lower Upper
 276 100
 138 27.2 21.7 32.5
 277 24.6 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 9.670 ng
 RT: 14.998 min Scan# 2194
 Delta R.T. -0.024 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

Tgt Ion:252 Resp: 215961
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.4 26.2
 125 11.1 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 9.625 ng

RT: 15.027 min Scan# 2199

Delta R.T. -0.024 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

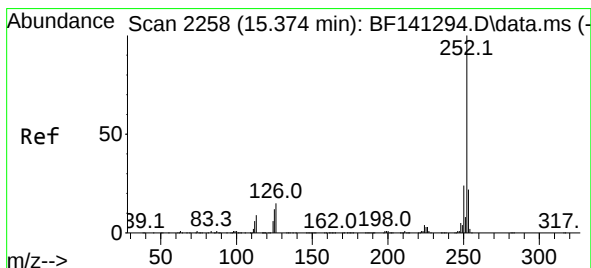
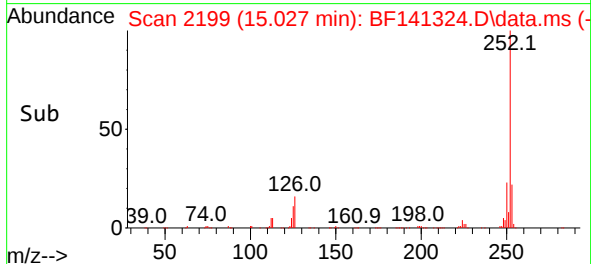
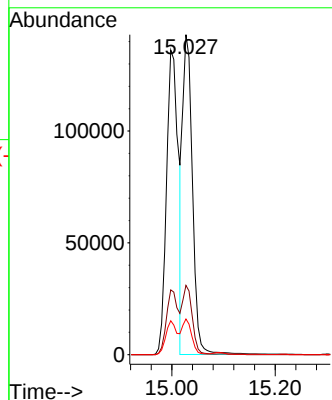
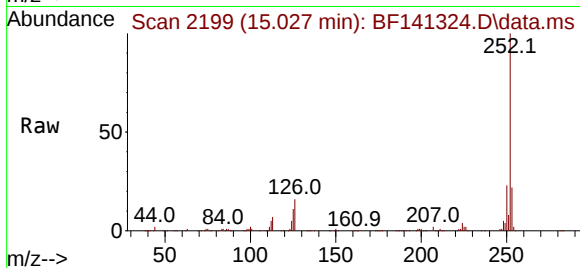
Tgt Ion:252 Resp: 190434

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 11.1 8.4 12.6



#90

Benzo(a)pyrene

Concen: 9.790 ng

RT: 15.363 min Scan# 2256

Delta R.T. -0.018 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

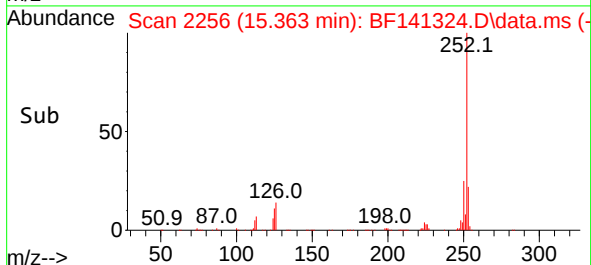
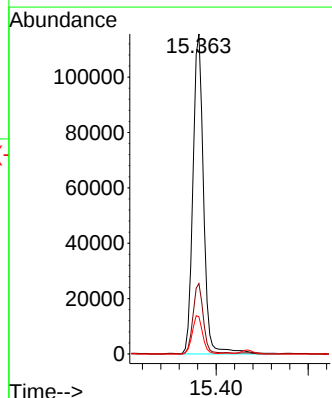
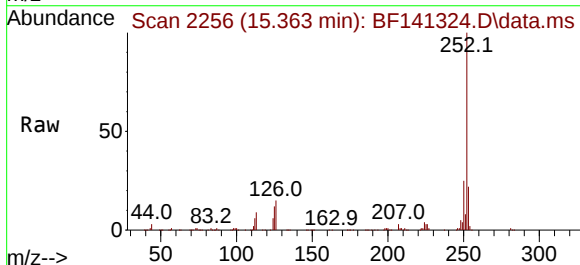
Tgt Ion:252 Resp: 184762

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 11.6 9.4 14.2

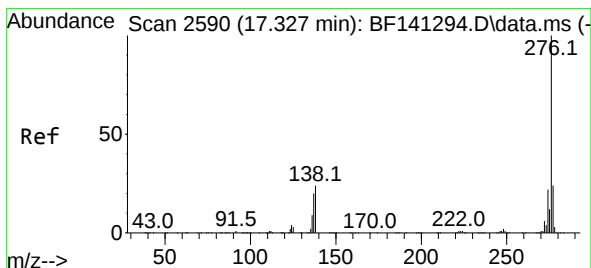
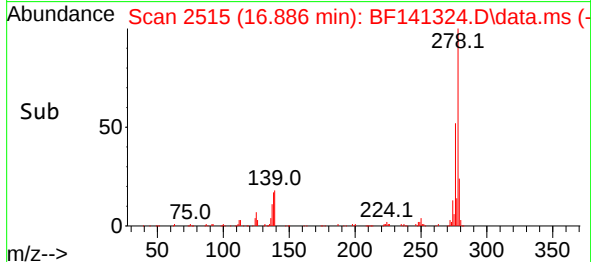
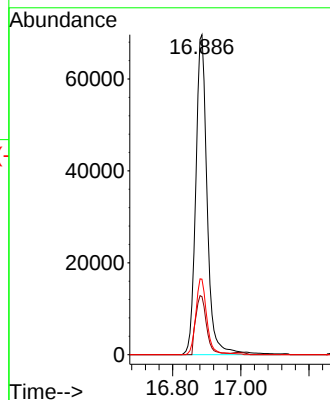
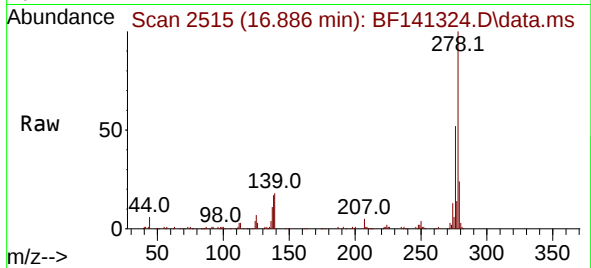




#91
 Dibenzo(a,h)anthracene
 Concen: 8.785 ng
 RT: 16.886 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

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

Tgt Ion:278 Resp: 161975
 Ion Ratio Lower Upper
 278 100
 139 18.1 13.9 20.9
 279 23.6 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 8.414 ng
 RT: 17.298 min Scan# 2585
 Delta R.T. -0.047 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

Tgt Ion:276 Resp: 161302
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.2 28.8
 138 23.0 19.0 28.4

