

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141307.D
 Acq On : 30 Jan 2025 12:21
 Operator : RC/JU
 Sample : Q1168-08
 Misc : LOQ-WATER 10PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 30 12:47:47 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	152981	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	632181	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	346606	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	588552	20.000	ng	0.00
76) Chrysene-d12	13.969	240	328396	20.000	ng	0.00
86) Perylene-d12	15.433	264	313121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	880490	88.359	ng	0.00
7) Phenol-d6	6.428	99	1135729	89.593	ng	-0.01
23) Nitrobenzene-d5	7.357	82	760263	63.397	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	274268	86.314	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1362179	60.491	ng	0.00
79) Terphenyl-d14	12.910	244	1277077	59.973	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	35252	8.044	ng	98
3) Pyridine	3.240	79	81067	7.677	ng	98
4) n-Nitrosodimethylamine	3.152	42	49517	8.209	ng	96
6) Aniline	6.457	93	114319	10.654	ng	99
8) 2-Chlorophenol	6.581	128	93196	8.726	ng	97
9) Benzaldehyde	6.345	77	75968	10.346	ng	99
10) Phenol	6.440	94	115537	8.598	ng	92
11) bis(2-Chloroethyl)ether	6.534	93	90859	8.818	ng	99
12) 1,3-Dichlorobenzene	6.740	146	99663	8.463	ng	98
13) 1,4-Dichlorobenzene	6.816	146	99407	8.403	ng	99
14) 1,2-Dichlorobenzene	6.969	146	94147	8.499	ng	99
15) Benzyl Alcohol	6.934	79	77823	8.983	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	164091	9.159	ng	100
17) 2-Methylphenol	7.045	107	70956	8.174	ng	98
18) Hexachloroethane	7.310	117	36500	8.363	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	65552	8.703	ng	100
20) 3+4-Methylphenols	7.198	107	90546	8.495	ng	# 86
22) Acetophenone	7.204	105	133786	8.903	ng	98
24) Nitrobenzene	7.375	77	98626	7.936	ng	99
25) Isophorone	7.610	82	175941	8.487	ng	97
26) 2-Nitrophenol	7.692	139	47105	8.037	ng	97
27) 2,4-Dimethylphenol	7.728	122	31373	4.205	ng	96
28) bis(2-Chloroethoxy)met...	7.828	93	109517	8.283	ng	99
29) 2,4-Dichlorophenol	7.934	162	74803	8.191	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	82851	7.944	ng	99
31) Naphthalene	8.098	128	276976	8.294	ng	99
32) Benzoic acid	7.810	122	75047	10.943	ng	98
33) 4-Chloroaniline	8.151	127	103661	9.153	ng	98
34) Hexachlorobutadiene	8.222	225	47762	7.809	ng	98
35) Caprolactam	8.487	113	23055	7.730	ng	96
36) 4-Chloro-3-methylphenol	8.622	107	81695	8.339	ng	99
37) 2-Methylnaphthalene	8.792	142	180695	8.513	ng	100
38) 1-Methylnaphthalene	8.886	142	165932	7.958	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	85686	8.690	ng	98
41) Hexachlorocyclopentadiene	8.945	237	30414	10.444	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	50527	7.829	ng	99

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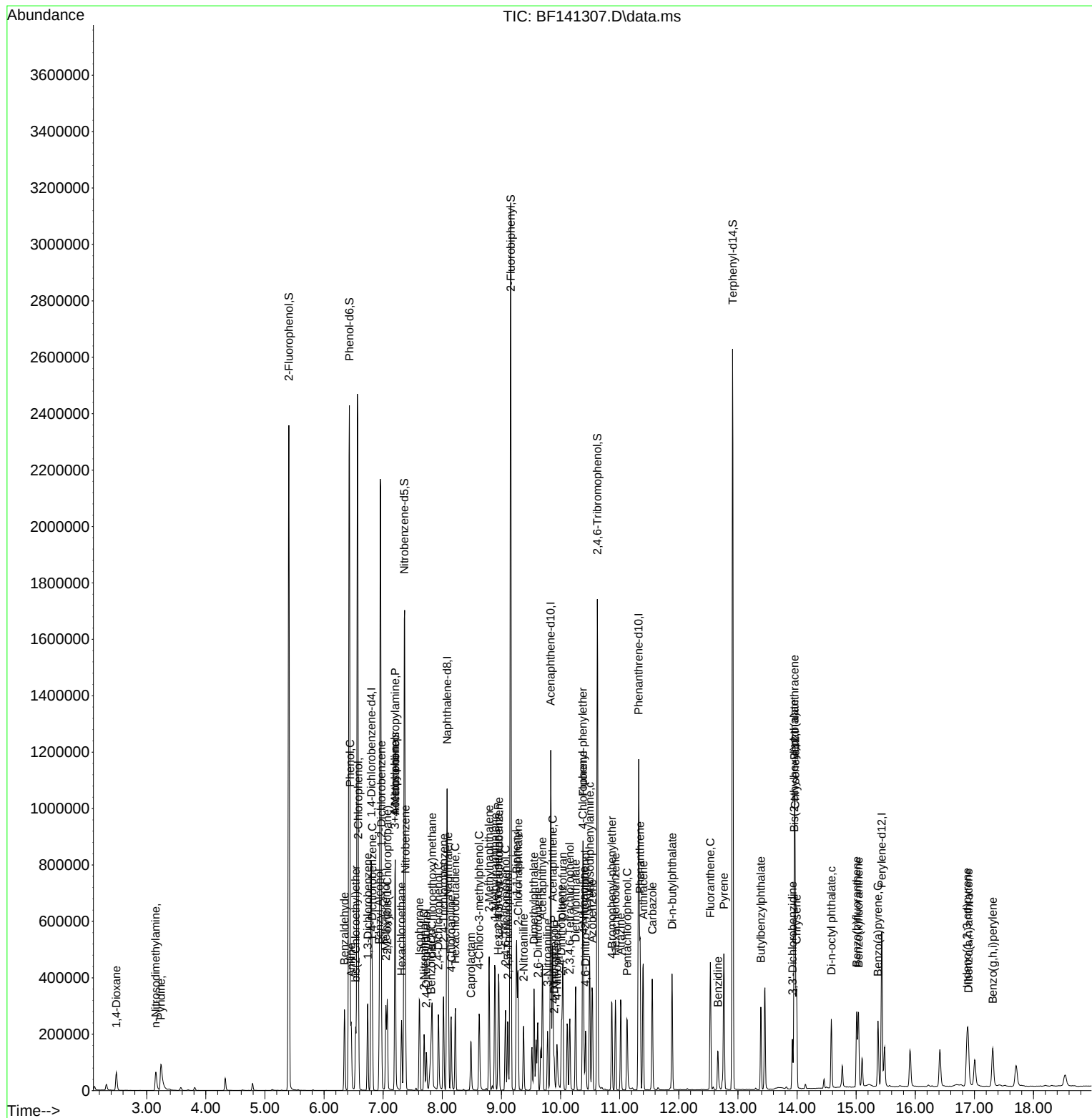
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	56176	7.997	ng	97
46) 1,1'-Biphenyl	9.257	154	235618	8.717	ng	99
47) 2-Chloronaphthalene	9.281	162	170317	8.084	ng	97
48) 2-Nitroaniline	9.375	65	52505	7.923	ng	98
49) Acenaphthylene	9.692	152	258392	8.761	ng	100
50) Dimethylphthalate	9.551	163	194333	8.301	ng	99
51) 2,6-Dinitrotoluene	9.616	165	40904	7.525	ng	97
52) Acenaphthene	9.869	154	176284	8.367	ng	99
53) 3-Nitroaniline	9.781	138	42944	8.061	ng	96
54) 2,4-Dinitrophenol	9.892	184	22372	8.854	ng	98
55) Dibenzofuran	10.039	168	240090	8.513	ng	98
56) 4-Nitrophenol	9.939	139	40093	10.291	ng	98
57) 2,4-Dinitrotoluene	10.016	165	55434	7.877	ng	98
58) Fluorene	10.381	166	188480	8.616	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	45287	8.195	ng	99
60) Diethylphthalate	10.257	149	187314	8.252	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	91105	8.526	ng	99
62) 4-Nitroaniline	10.392	138	38336	7.320	ng	98
63) Azobenzene	10.533	77	187871	8.269	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	38678	11.110	ng	96
66) n-Nitrosodiphenylamine	10.492	169	158951	8.350	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	54308	8.242	ng	96
68) Hexachlorobenzene	10.928	284	55659	7.963	ng	99
69) Atrazine	11.016	200	49144	7.721	ng	95
70) Pentachlorophenol	11.128	266	46715	11.414	ng	97
71) Phenanthrene	11.345	178	272610	8.617	ng	99
72) Anthracene	11.398	178	252597	8.149	ng	99
73) Carbazole	11.551	167	223363	8.126	ng	99
74) Di-n-butylphthalate	11.886	149	281840	8.461	ng	99
75) Fluoranthene	12.533	202	254962	8.162	ng	100
77) Benzidine	12.663	184	82653	7.851	ng	99
78) Pyrene	12.763	202	271207	8.603	ng	98
80) Butylbenzylphthalate	13.386	149	89392	8.117	ng	100
81) Benzo(a)anthracene	13.957	228	182807	8.067	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	55442	7.692	ng	98
83) Chrysene	13.992	228	169366	8.155	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	113104	8.096	ng	99
85) Di-n-octyl phthalate	14.580	149	157466	7.257	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	159450	7.890	ng	99
88) Benzo(b)fluoranthene	15.010	252	150941	7.663	ng	98
89) Benzo(k)fluoranthene	15.039	252	158253	9.070	ng	99
90) Benzo(a)pyrene	15.368	252	147075	8.836	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	123752	7.611	ng	99
92) Benzo(g,h,i)perylene	17.309	276	123543	7.307	ng	99

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

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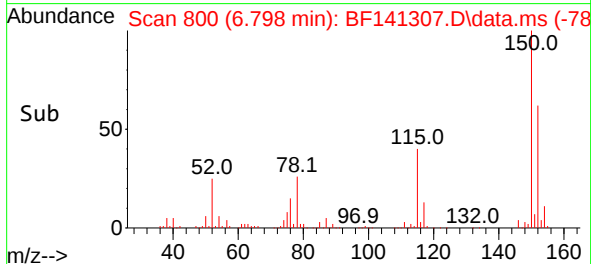
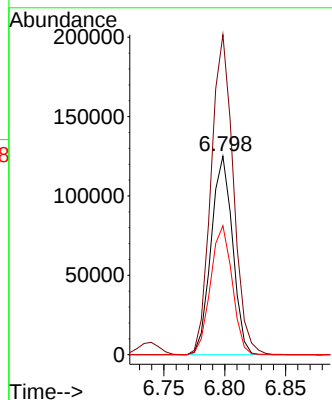
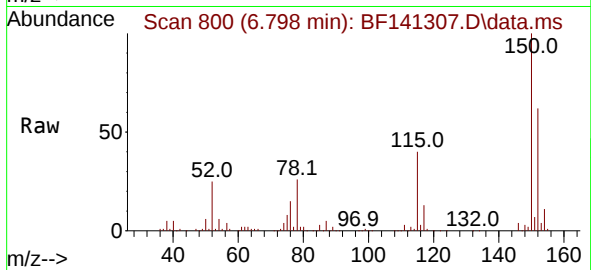




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141307.D
 Acq: 30 Jan 2025 12:21

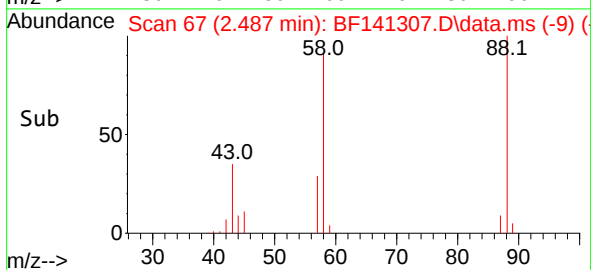
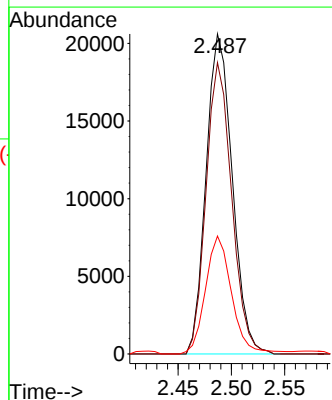
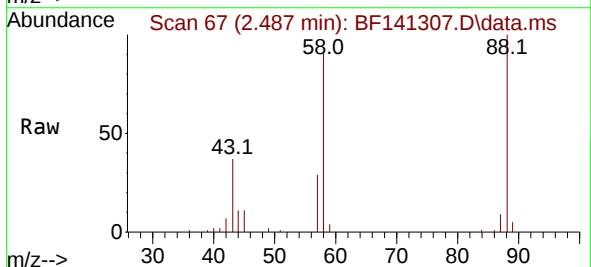
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Tgt Ion:152 Resp: 152981
 Ion Ratio Lower Upper
 152 100
 150 161.3 125.9 188.9
 115 65.0 49.7 74.5



#2
 1,4-Dioxane
 Concen: 8.044 ng
 RT: 2.487 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BF141307.D
 Acq: 30 Jan 2025 12:21

Tgt Ion: 88 Resp: 35252
 Ion Ratio Lower Upper
 88 100
 58 89.1 70.2 105.4
 43 37.0 27.6 41.4





#3

Pyridine

Concen: 7.677 ng

RT: 3.240 min Scan# 191

Delta R.T. 0.012 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

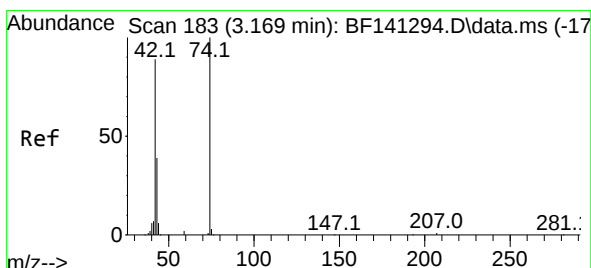
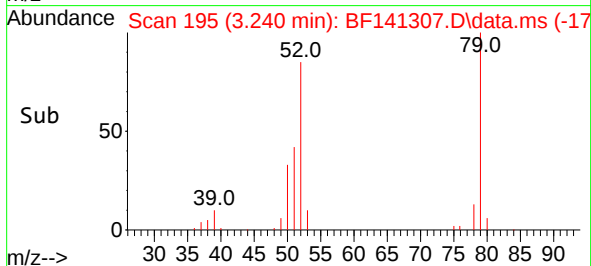
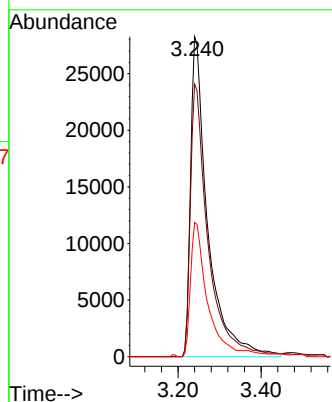
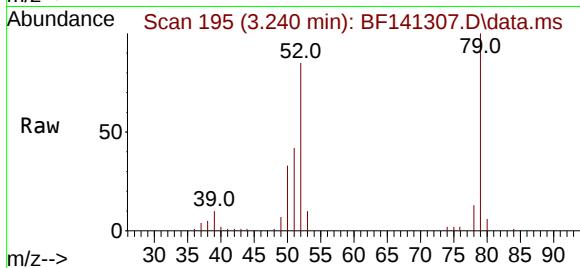
Tgt Ion: 79 Resp: 81067

Ion Ratio Lower Upper

79 100

52 85.2 70.3 105.5

51 41.9 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 8.209 ng

RT: 3.152 min Scan# 180

Delta R.T. -0.047 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

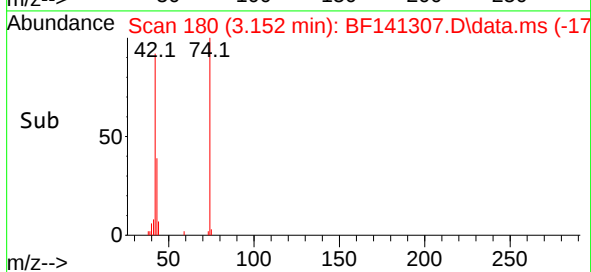
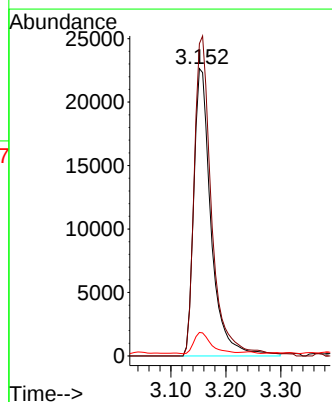
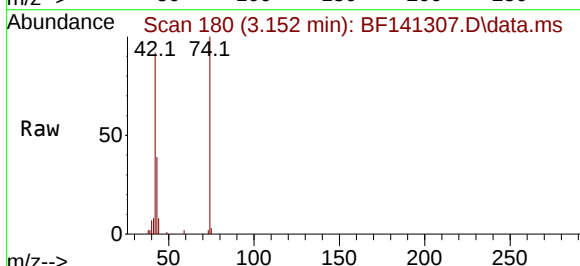
Tgt Ion: 42 Resp: 49517

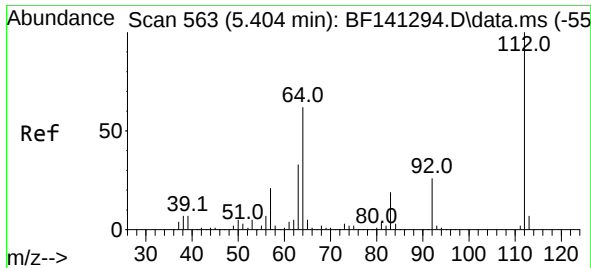
Ion Ratio Lower Upper

42 100

74 108.7 90.3 135.5

44 8.2 5.7 8.5

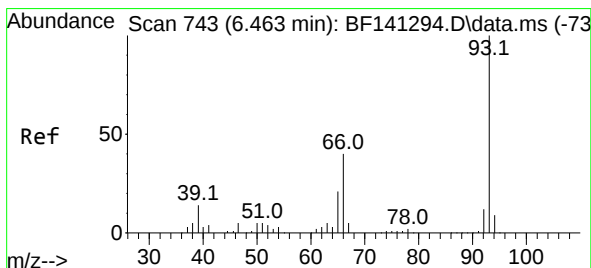
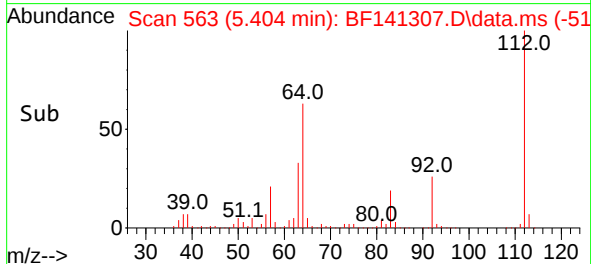
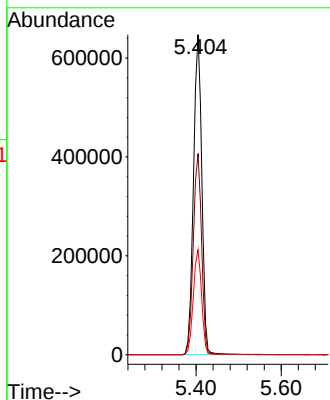
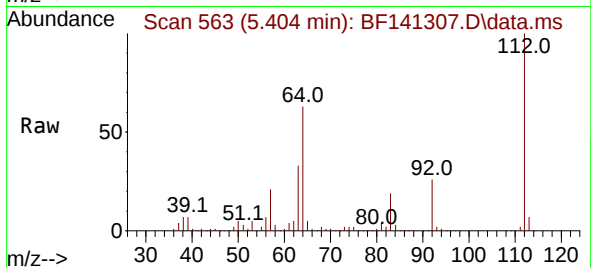




#5
2-Fluorophenol
Concen: 88.359 ng
RT: 5.404 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

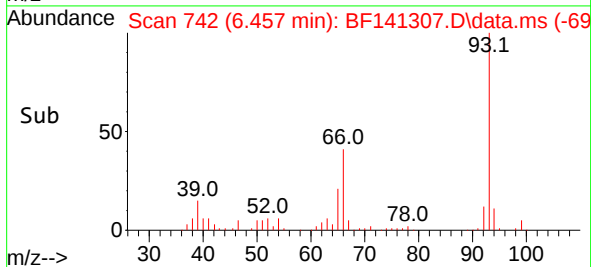
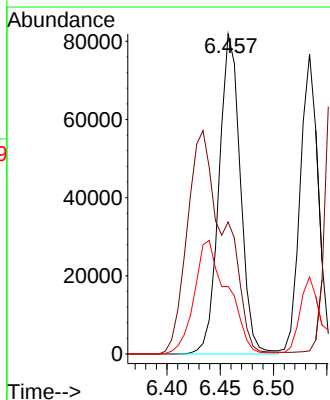
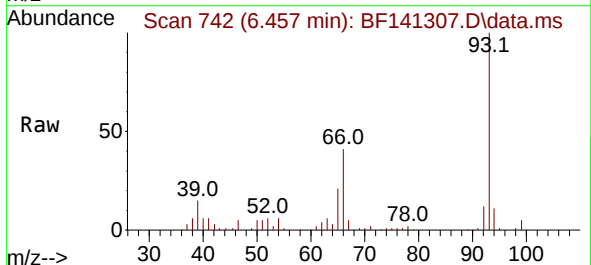
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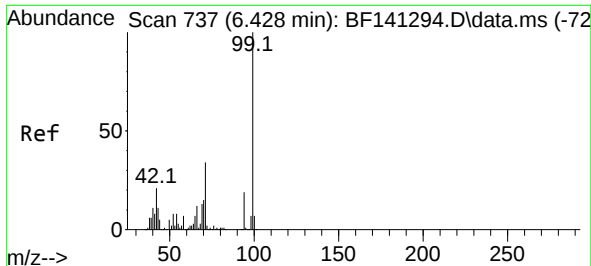
Tgt Ion:112 Resp: 880490
Ion Ratio Lower Upper
112 100
64 62.9 49.8 74.8
63 32.7 26.1 39.1



#6
Aniline
Concen: 10.654 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion: 93 Resp: 114319
Ion Ratio Lower Upper
93 100
66 41.3 32.5 48.7
65 21.1 17.0 25.6





#7

Phenol-d6

Concen: 89.593 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

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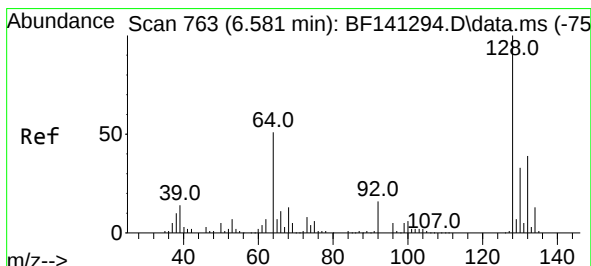
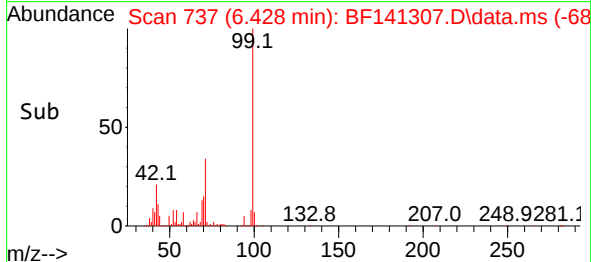
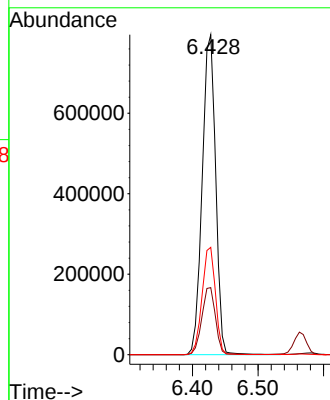
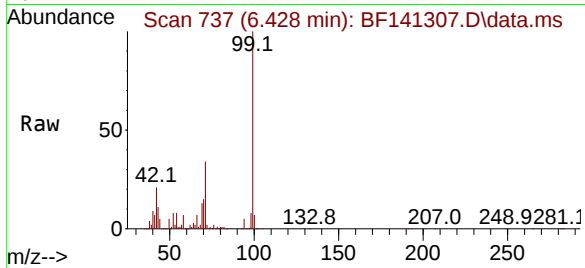
Tgt Ion: 99 Resp: 1135729

Ion Ratio Lower Upper

99 100

42 21.0 17.1 25.7

71 33.5 26.9 40.3



#8

2-Chlorophenol

Concen: 8.726 ng

RT: 6.581 min Scan# 763

Delta R.T. -0.012 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

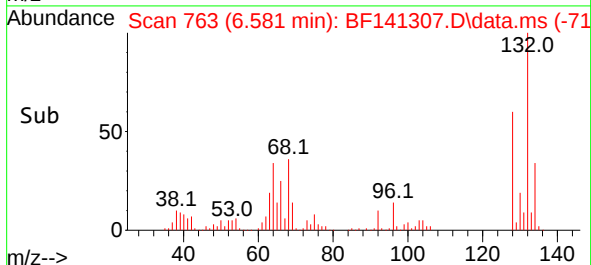
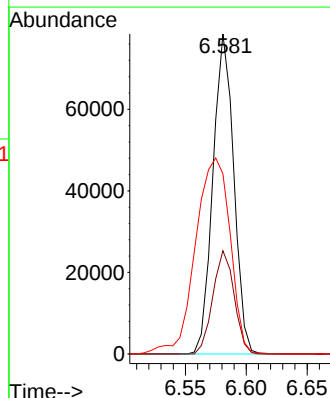
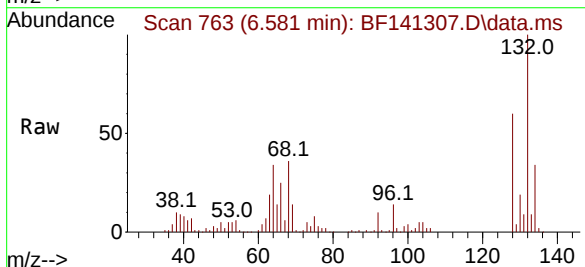
Tgt Ion:128 Resp: 93196

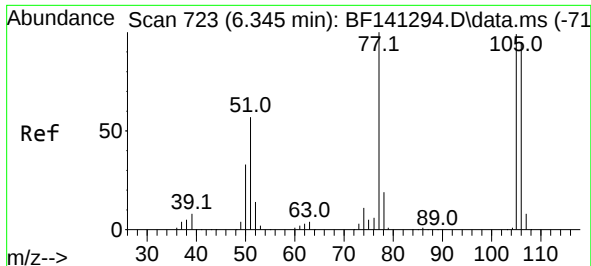
Ion Ratio Lower Upper

128 100

130 32.2 12.5 52.5

64 56.3 32.9 72.9

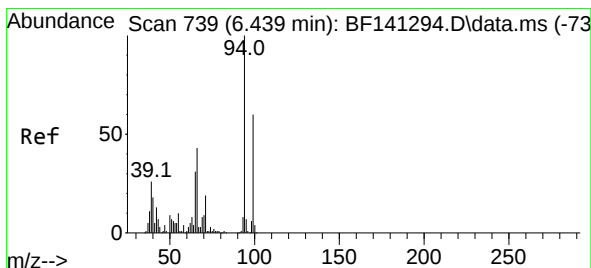
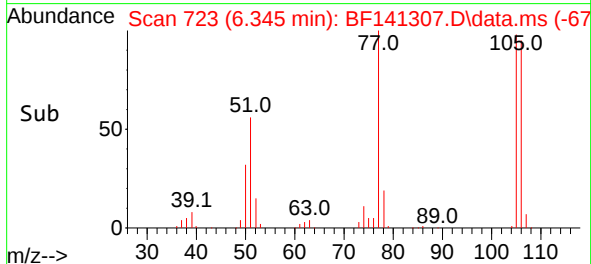
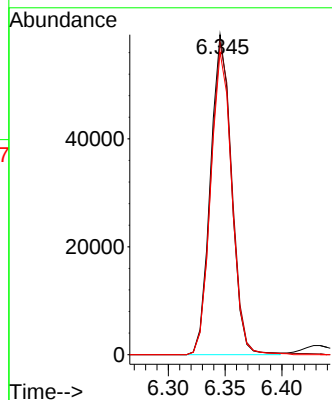
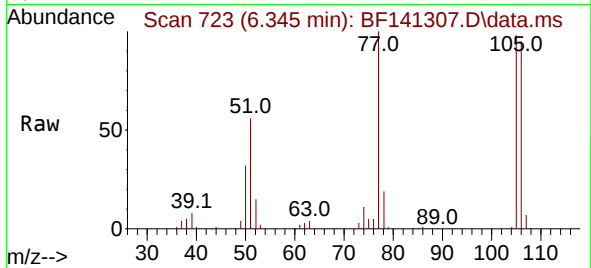




#9
Benzaldehyde
Concen: 10.346 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141307.D
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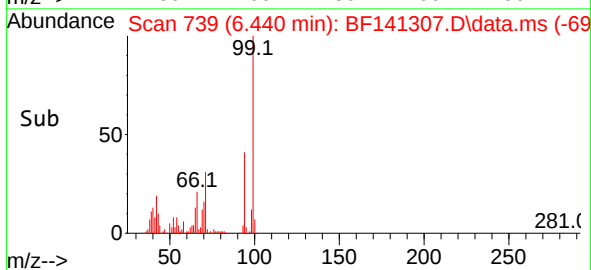
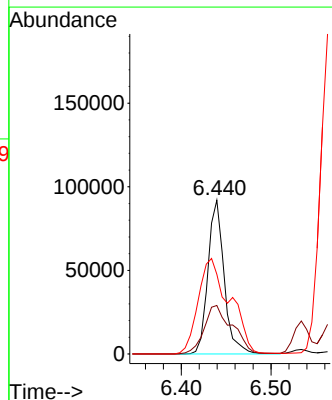
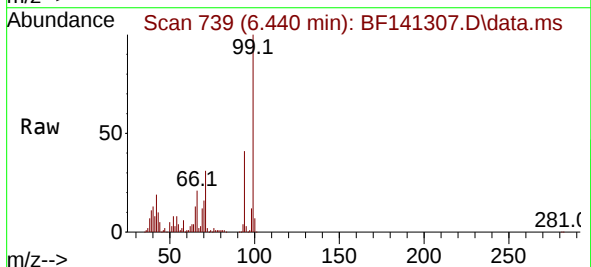
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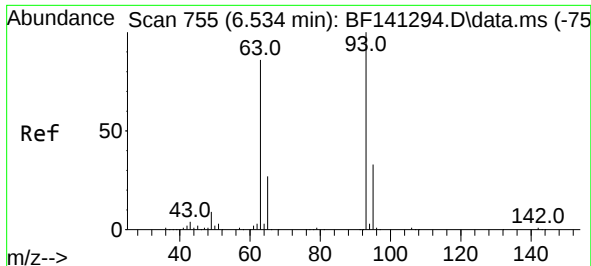
Tgt Ion: 77 Resp: 75968
Ion Ratio Lower Upper
77 100
105 97.6 79.4 119.4
106 94.6 74.6 114.6



#10
Phenol
Concen: 8.598 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.012 min
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Tgt Ion: 94 Resp: 115537
Ion Ratio Lower Upper
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65 31.6 10.8 50.8
66 51.9 23.3 63.3

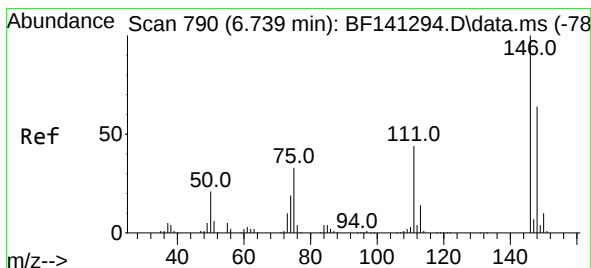
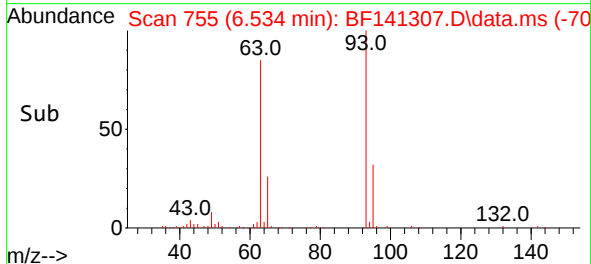
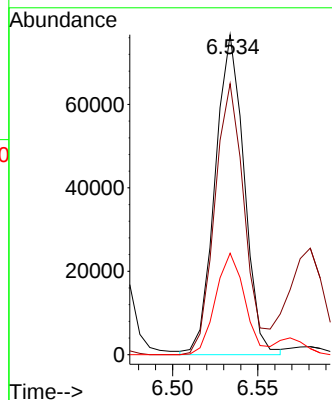
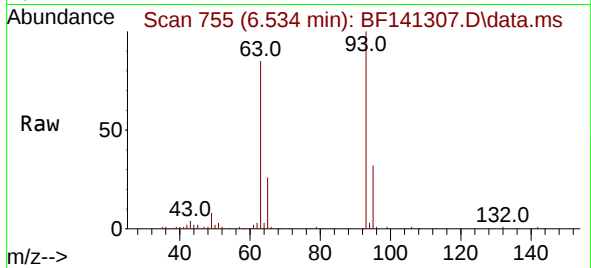




#11
bis(2-Chloroethyl)ether
Concen: 8.818 ng
RT: 6.534 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

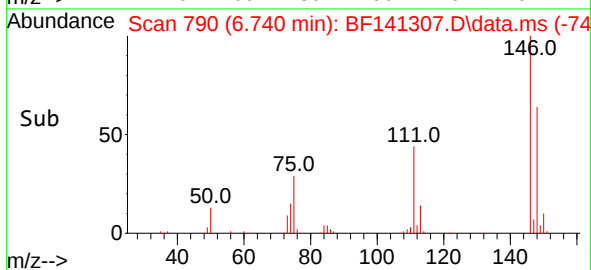
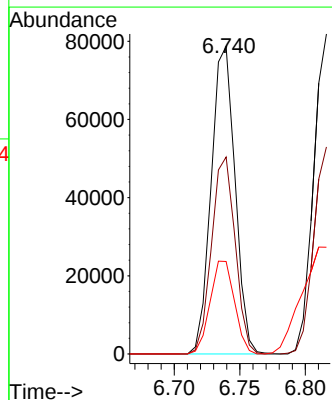
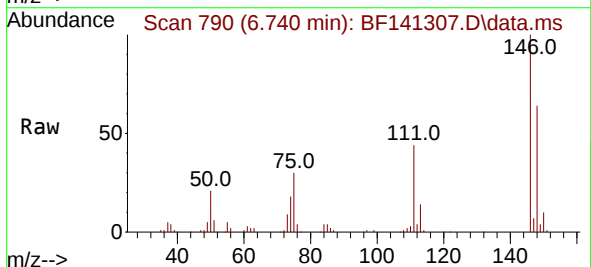
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 93 Resp: 90859
Ion Ratio Lower Upper
93 100
63 84.7 65.0 105.0
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 8.463 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion: 146 Resp: 99663
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 30.1 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 8.403 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

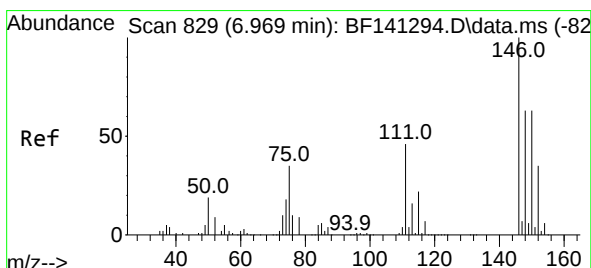
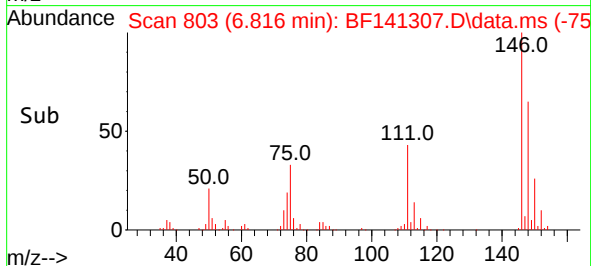
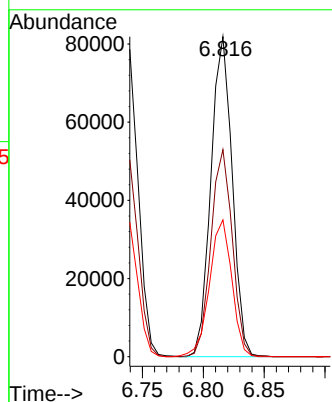
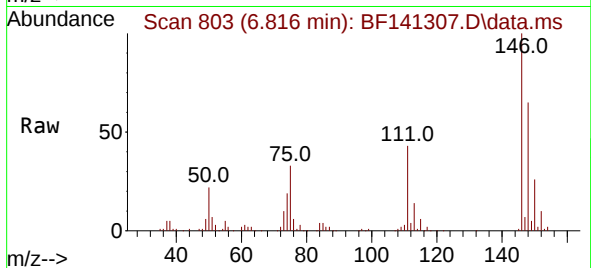
Tgt Ion:146 Resp: 99407

Ion Ratio Lower Upper

146 100

148 64.7 51.2 76.8

111 42.7 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 8.499 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

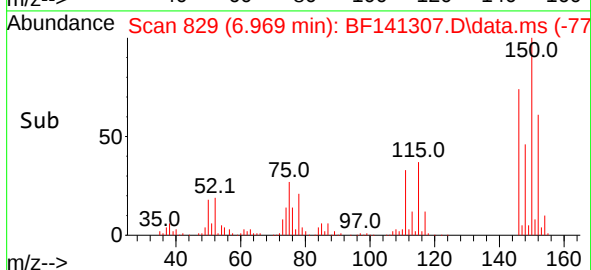
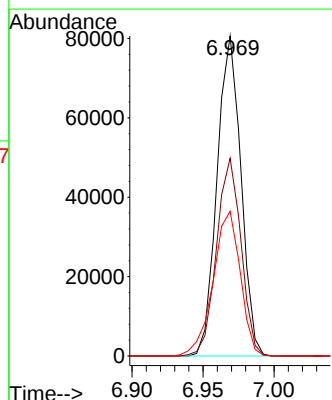
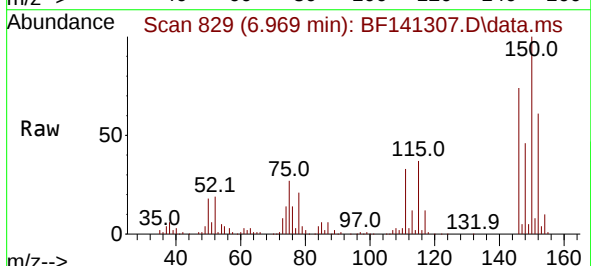
Tgt Ion:146 Resp: 94147

Ion Ratio Lower Upper

146 100

148 61.8 50.5 75.7

111 45.2 36.6 55.0

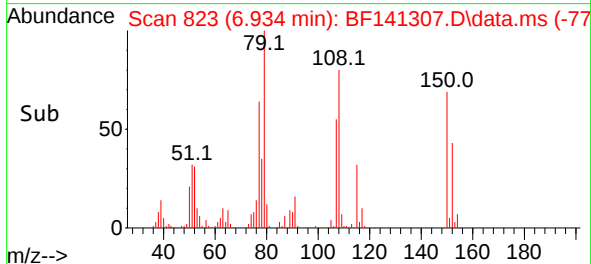
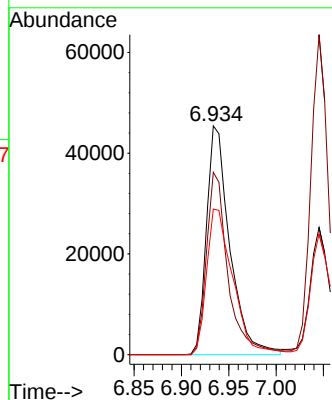
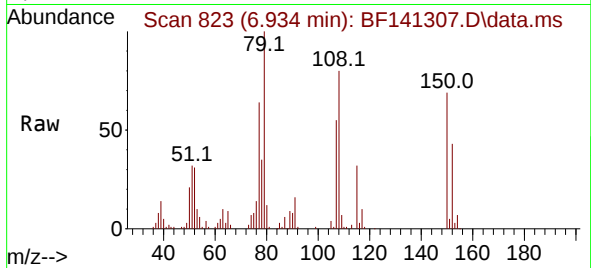




#15
Benzyl Alcohol
Concen: 8.983 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

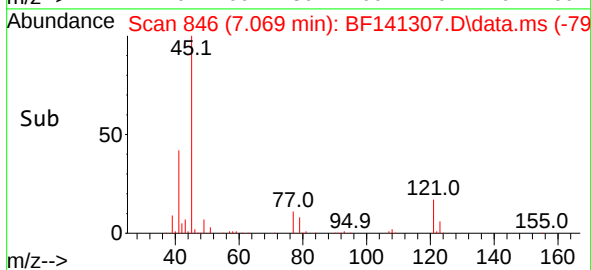
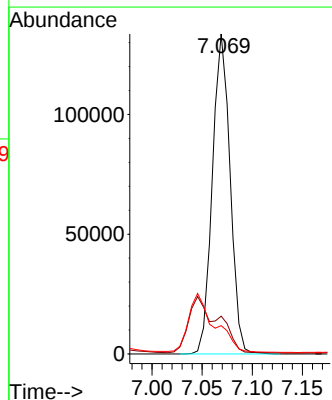
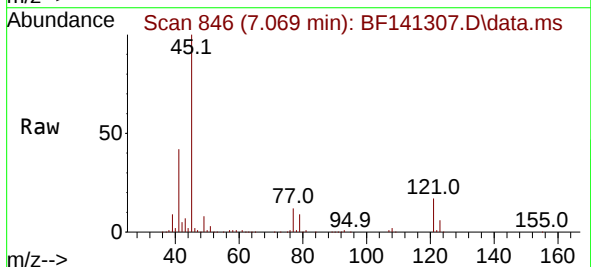
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

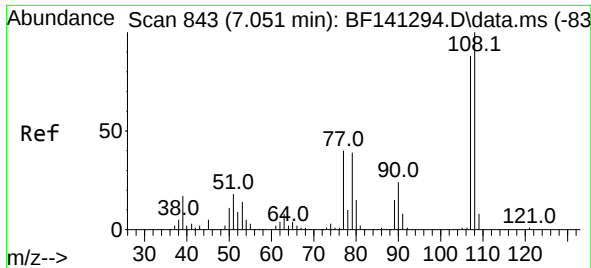
Tgt Ion: 79 Resp: 77823
Ion Ratio Lower Upper
79 100
108 79.7 61.4 92.0
77 63.6 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.159 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion: 45 Resp: 164091
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.8
79 8.8 0.0 29.1

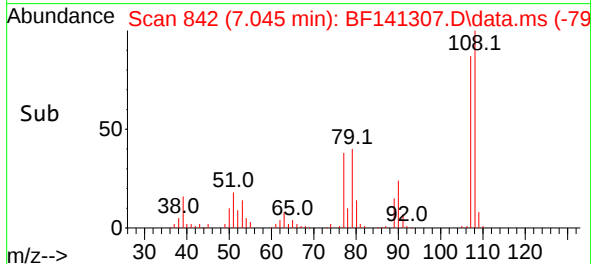
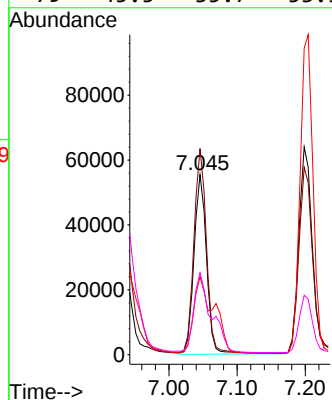
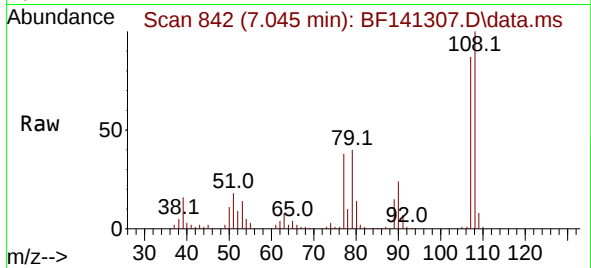




#17
2-Methylphenol
Concen: 8.174 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

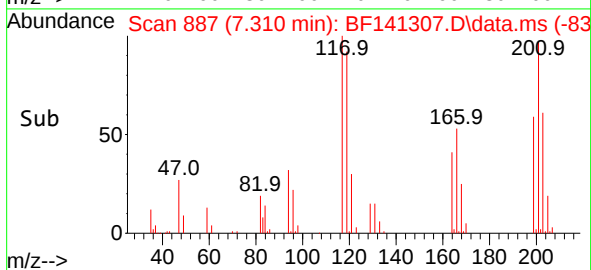
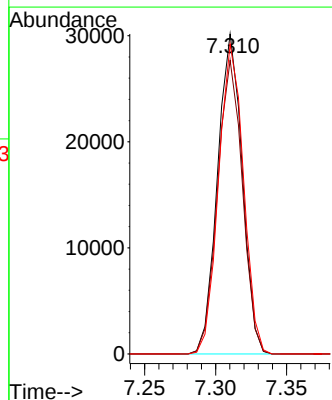
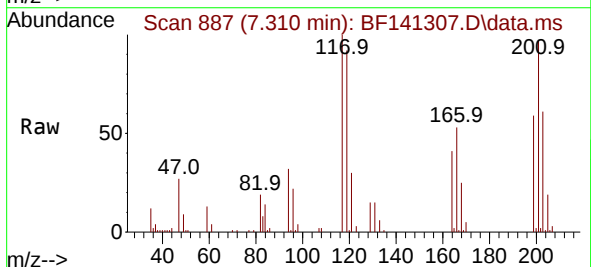
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

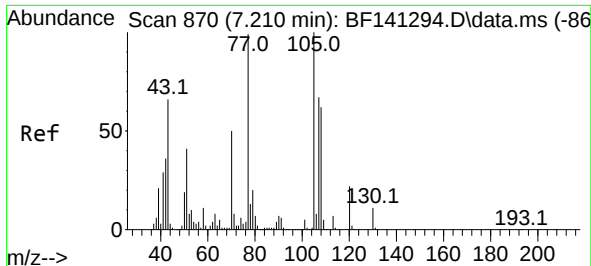
Tgt Ion:107 Resp: 70956
Ion Ratio Lower Upper
107 100
108 114.5 90.8 136.2
77 43.2 36.2 54.4
79 45.5 35.7 53.5



#18
Hexachloroethane
Concen: 8.363 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:117 Resp: 36500
Ion Ratio Lower Upper
117 100
119 91.8 76.6 114.8
201 96.8 74.8 112.2

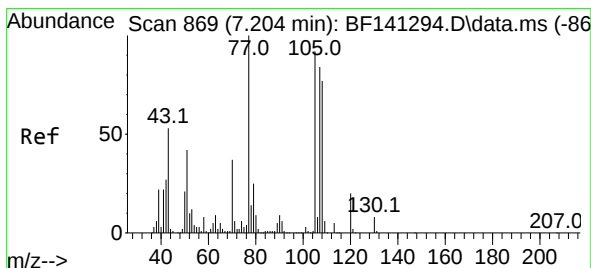
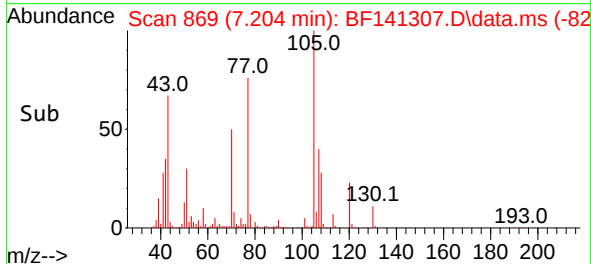
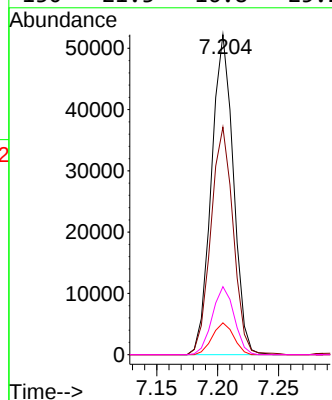
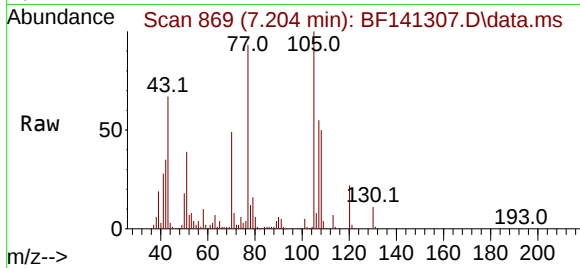




#19
n-Nitroso-di-n-propylamine
Concen: 8.703 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

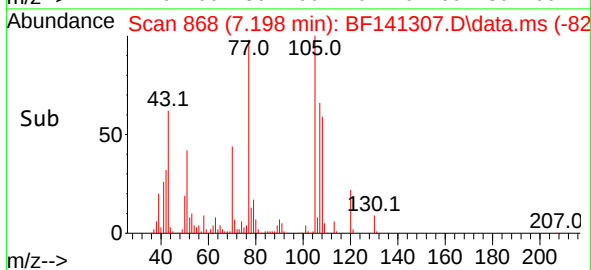
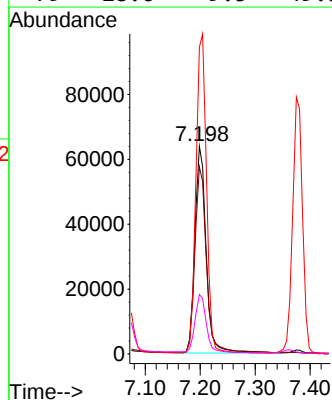
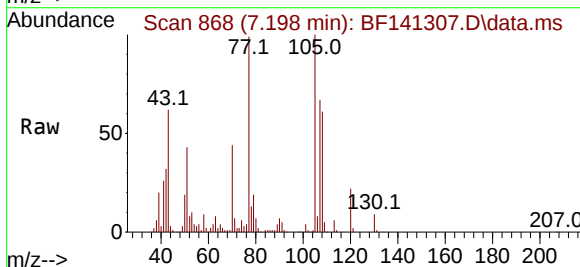
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:	70	Resp:	65552
Ion	Ratio	Lower	Upper
70	100		
42	71.1	56.8	85.2
101	10.0	7.7	11.5
130	21.3	16.8	25.2



#20
3+4-Methylphenols
Concen: 8.495 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:	107	Resp:	90546
Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.9	110.9
77	147.6	98.5	138.5#
79	28.6	9.5	49.5

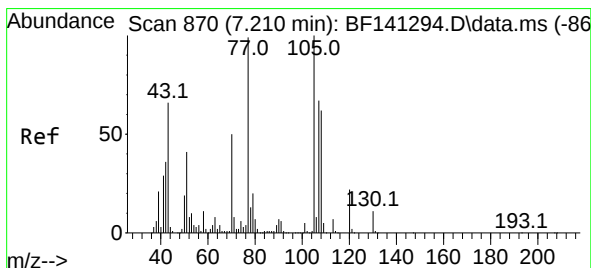
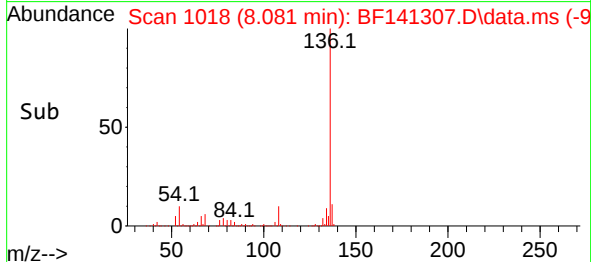
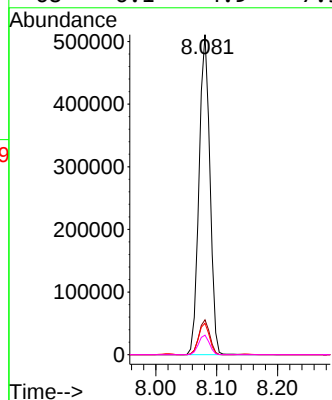
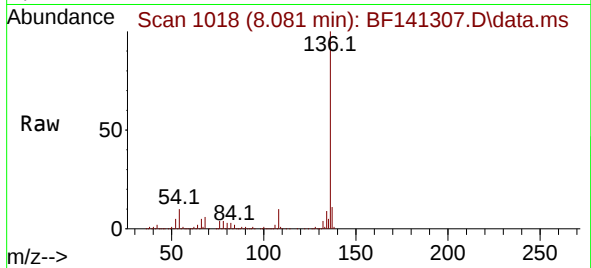




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

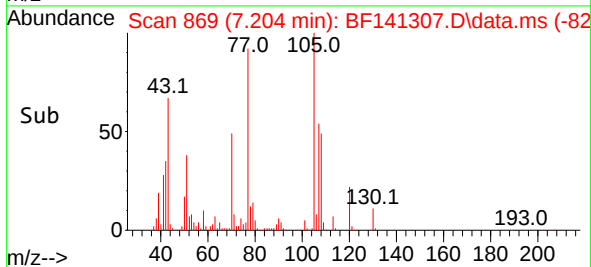
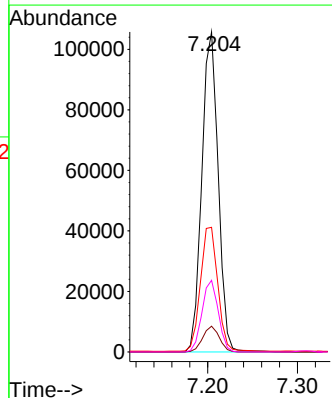
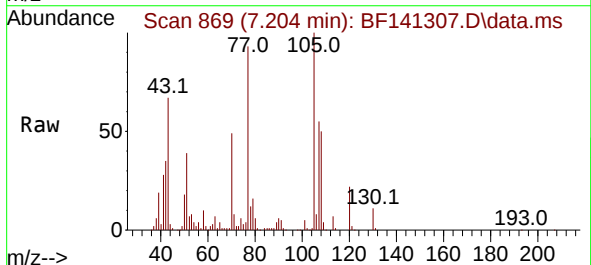
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

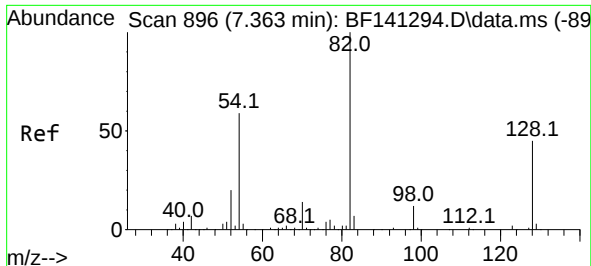
Tgt Ion:	136	Resp:	632181
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.8	7.8	11.8
68	6.1	4.9	7.3



#22
Acetophenone
Concen: 8.903 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:	105	Resp:	133786
Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.8	10.2
51	38.9	32.6	49.0
120	22.4	17.4	26.0





#23

Nitrobenzene-d5

Concen: 63.397 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

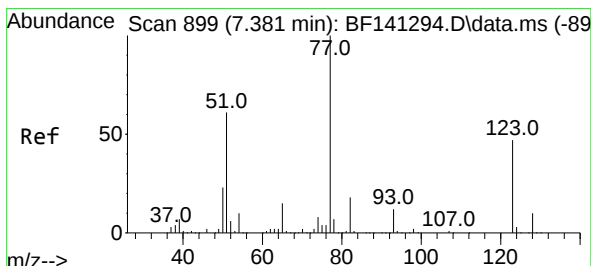
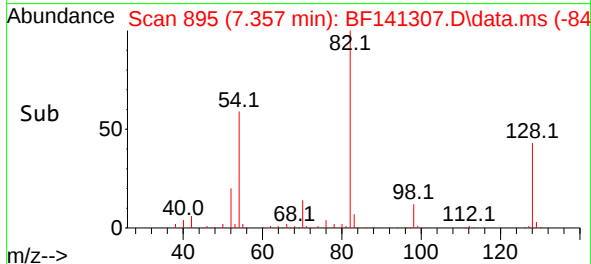
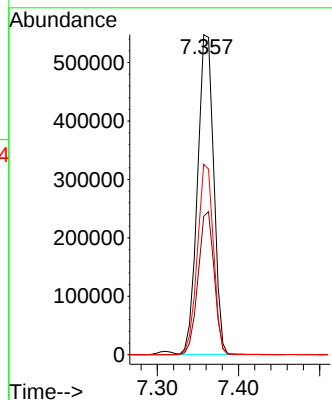
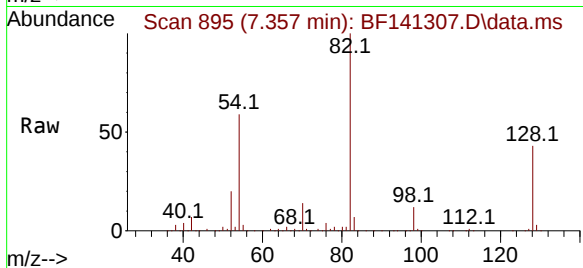
Tgt Ion: 82 Resp: 760263

Ion Ratio Lower Upper

82 100

128 43.3 35.7 53.5

54 59.5 47.1 70.7



#24

Nitrobenzene

Concen: 7.936 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

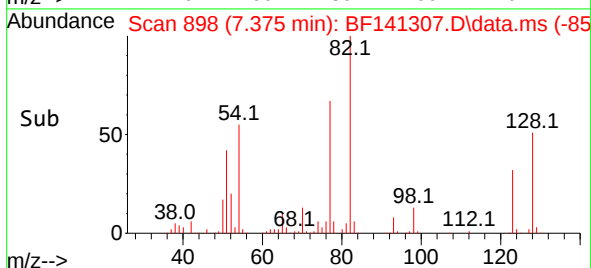
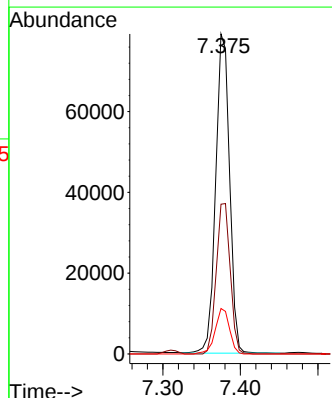
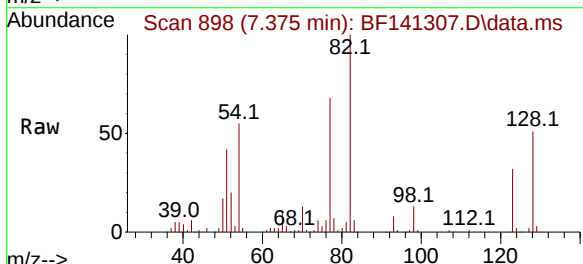
Tgt Ion: 77 Resp: 98626

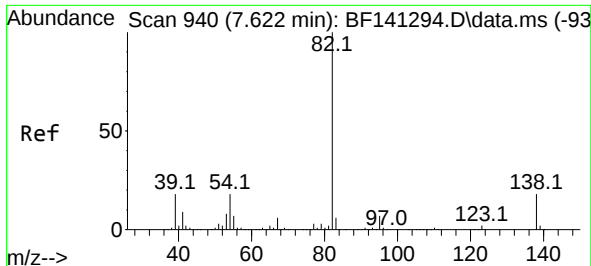
Ion Ratio Lower Upper

77 100

123 46.8 37.3 55.9

65 14.2 11.8 17.6

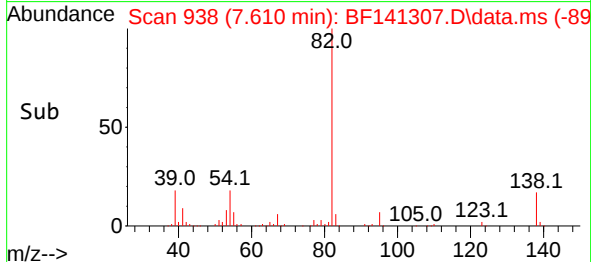
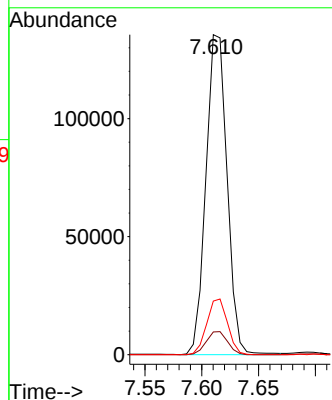
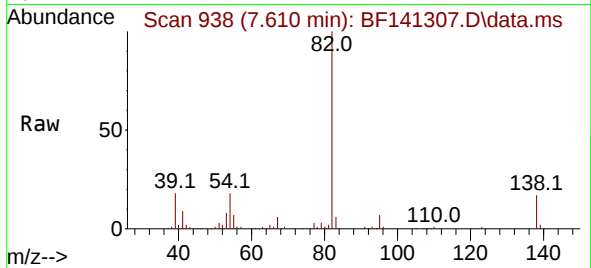




#25
Isophorone
Concen: 8.487 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

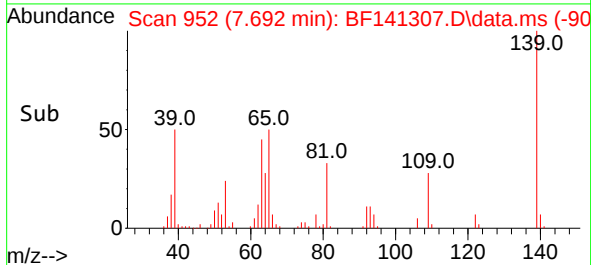
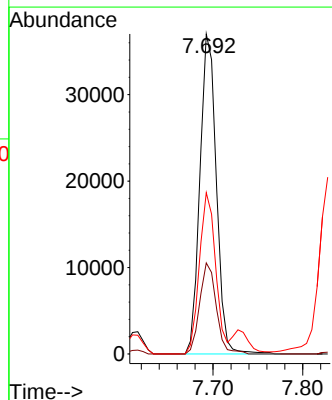
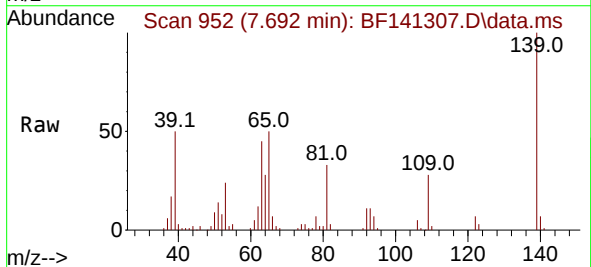
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 82 Resp: 175941
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 16.8 14.7 22.1



#26
2-Nitrophenol
Concen: 8.037 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:139 Resp: 47105
Ion Ratio Lower Upper
139 100
109 28.5 23.8 35.6
65 50.4 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 4.205 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

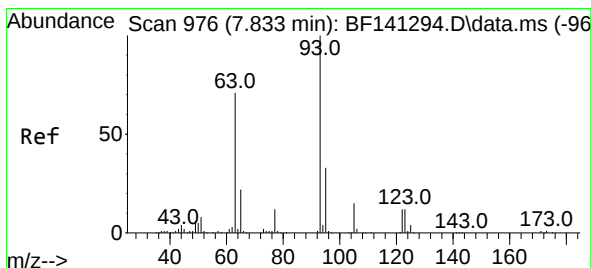
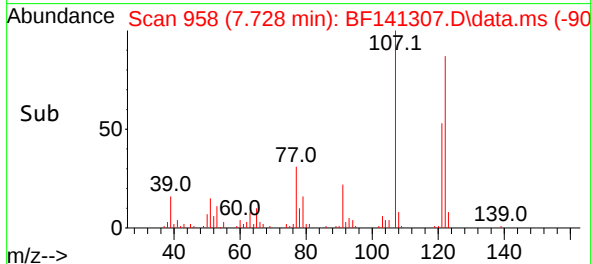
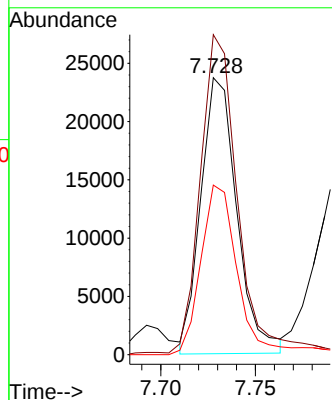
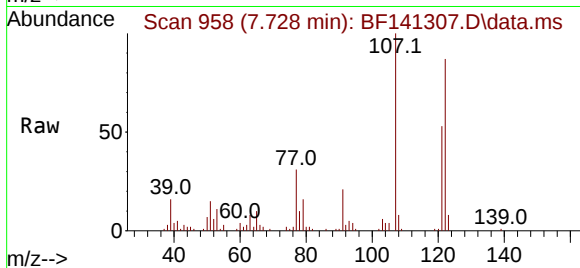
Tgt Ion:122 Resp: 31373

Ion Ratio Lower Upper

122 100

107 115.5 89.9 134.9

121 61.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 8.283 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

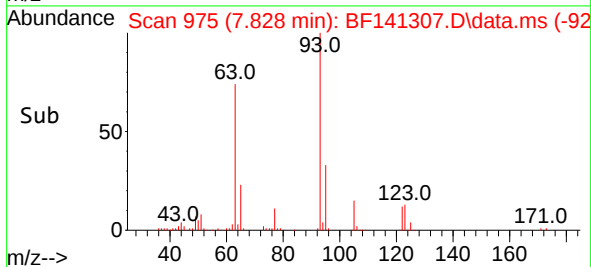
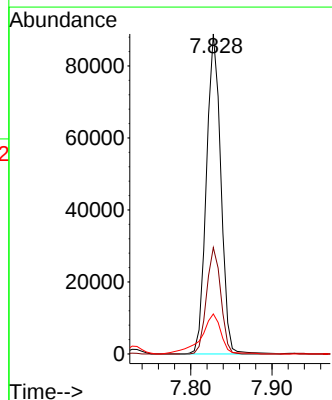
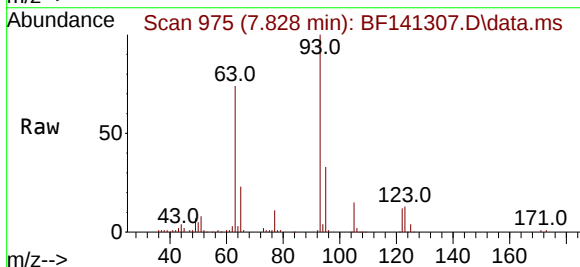
Tgt Ion: 93 Resp: 109517

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

123 12.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 8.191 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

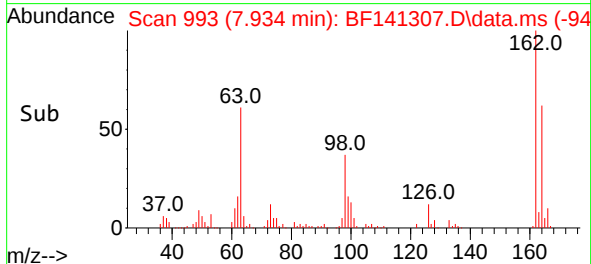
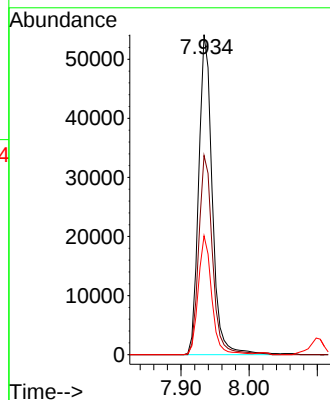
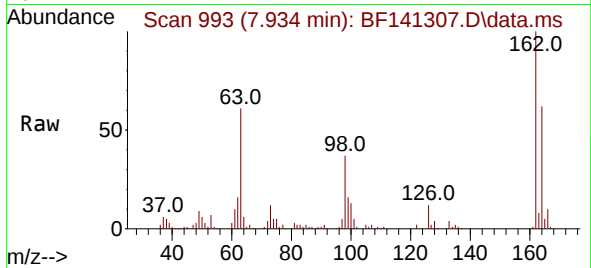
Tgt Ion:162 Resp: 74803

Ion Ratio Lower Upper

162 100

164 62.3 44.2 84.2

98 37.2 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 7.944 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

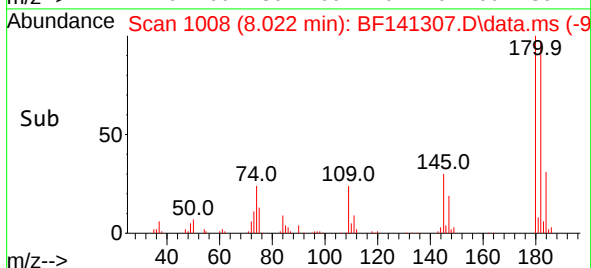
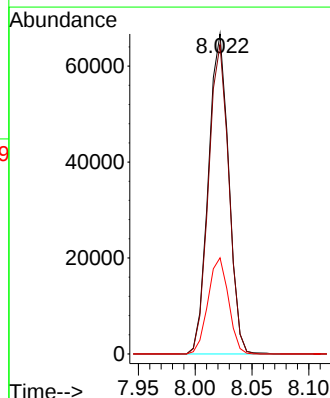
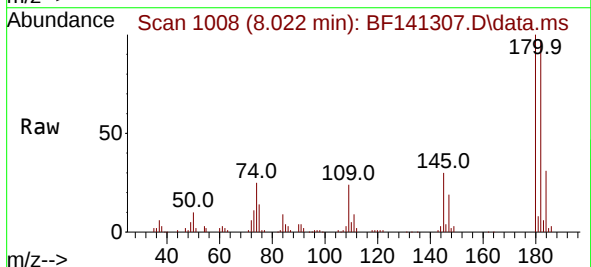
Tgt Ion:180 Resp: 82851

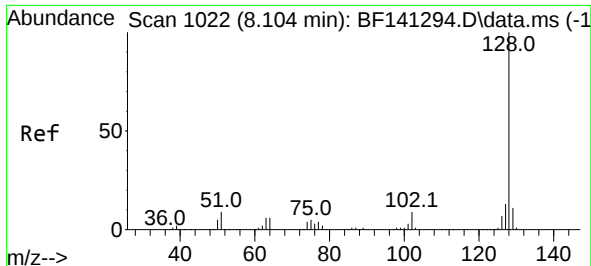
Ion Ratio Lower Upper

180 100

182 96.7 76.4 114.6

145 30.1 24.9 37.3

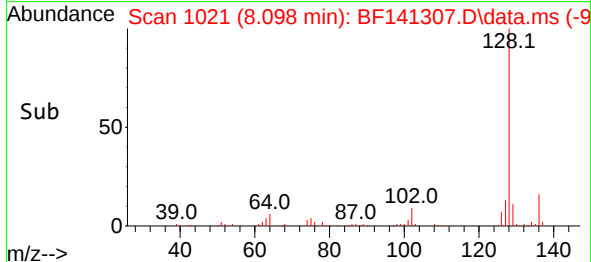
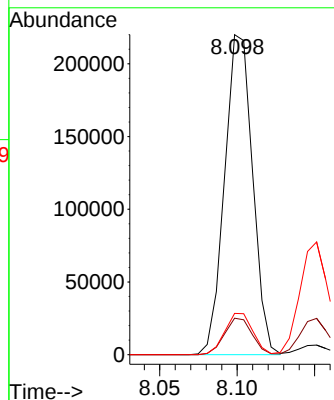
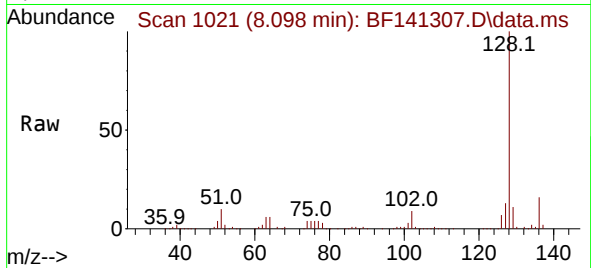




#31
Naphthalene
Concen: 8.294 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

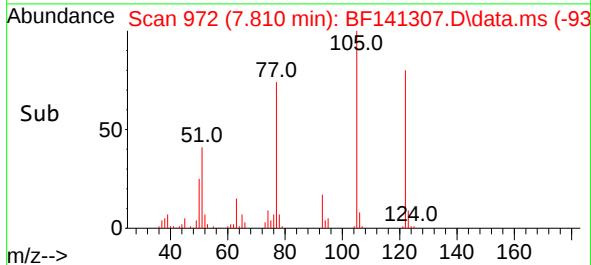
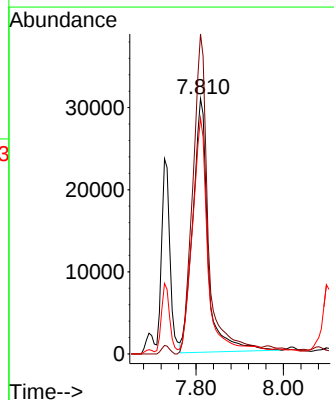
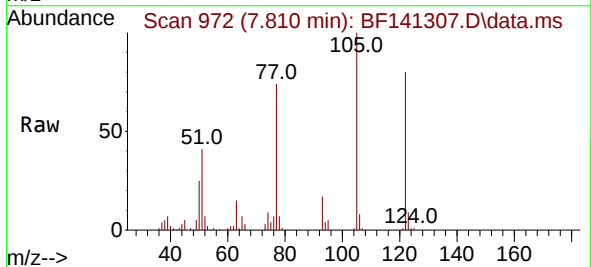
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:128 Resp: 276976
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 10.943 ng
RT: 7.810 min Scan# 972
Delta R.T. -0.071 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:122 Resp: 75047
Ion Ratio Lower Upper
122 100
105 125.3 103.4 143.4
77 92.4 70.9 110.9

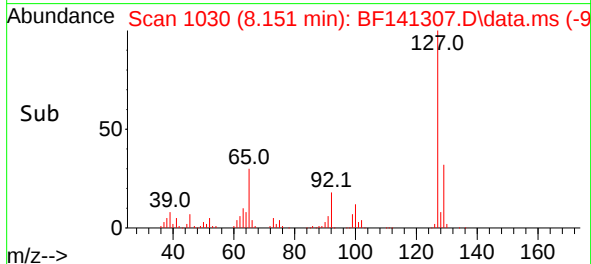
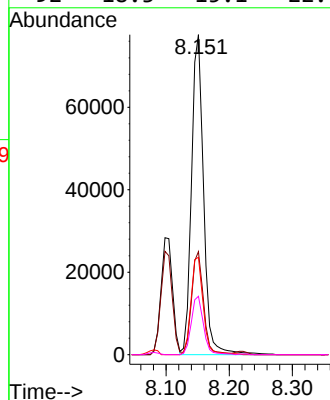
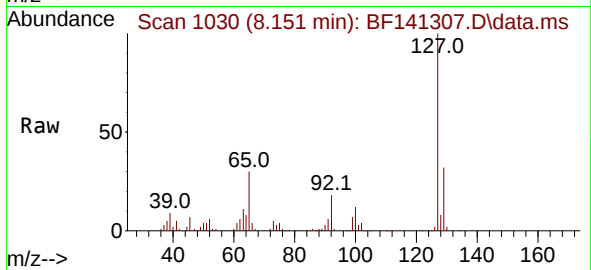




#33
4-Chloroaniline
Concen: 9.153 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

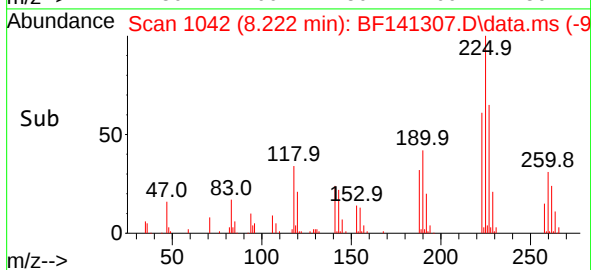
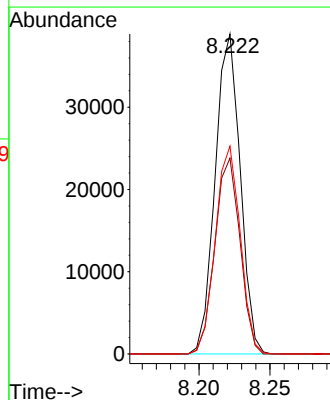
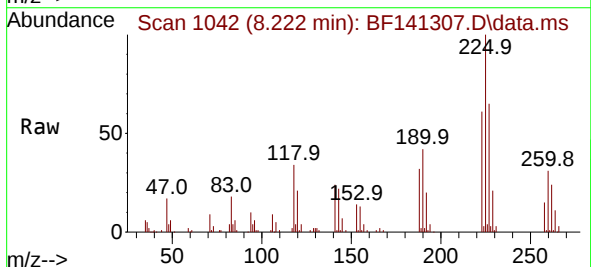
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT1-2025

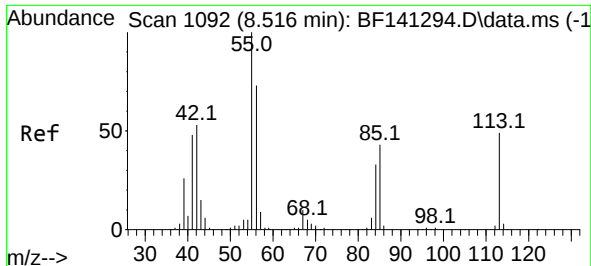
Tgt Ion:	127	Resp:	103661
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.7	38.5
65	30.4	26.4	39.6
92	18.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 7.809 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:	225	Resp:	47762
Ion Ratio	Lower	Upper	
225	100		
223	61.2	50.4	75.6
227	64.9	51.3	76.9

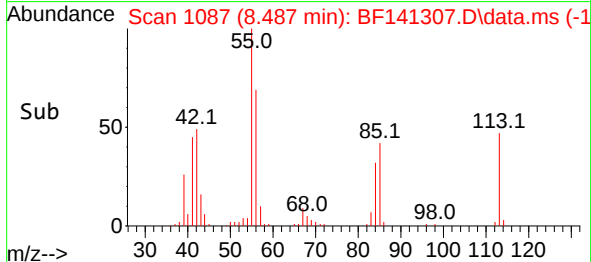
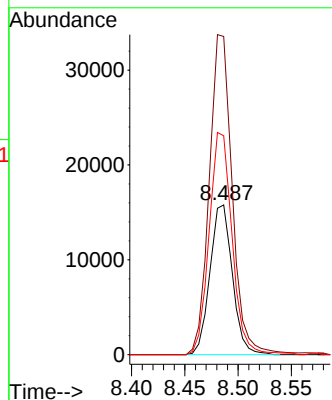
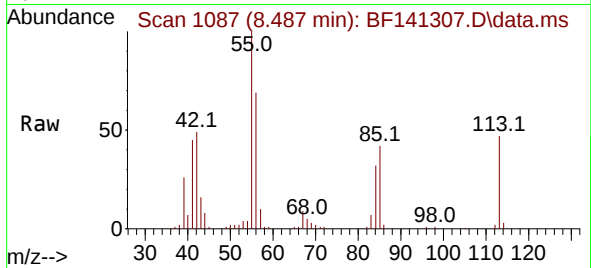




#35
 Caprolactam
 Concen: 7.730 ng
 RT: 8.487 min Scan# 1107
 Delta R.T. -0.059 min
 Lab File: BF141307.D
 Acq: 30 Jan 2025 12:21

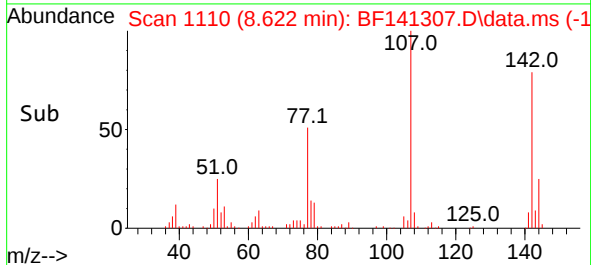
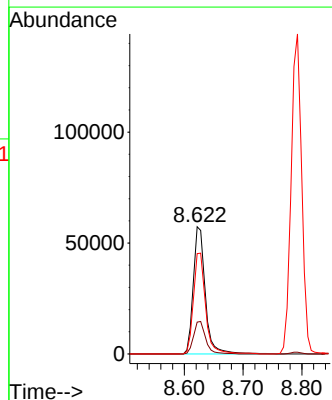
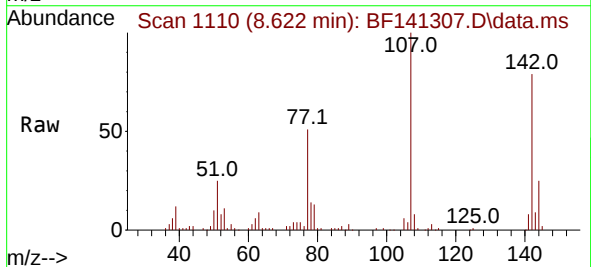
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Tgt Ion:113 Resp: 23055
 Ion Ratio Lower Upper
 113 100
 55 212.5 182.9 222.9
 56 146.2 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 8.339 ng
 RT: 8.622 min Scan# 1110
 Delta R.T. -0.018 min
 Lab File: BF141307.D
 Acq: 30 Jan 2025 12:21

Tgt Ion:107 Resp: 81695
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.7 31.1
 142 78.9 63.8 95.8

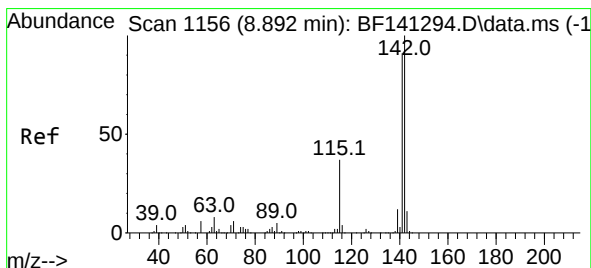
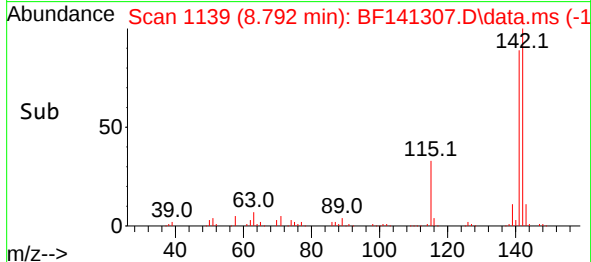
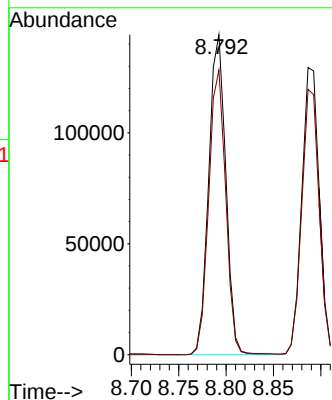
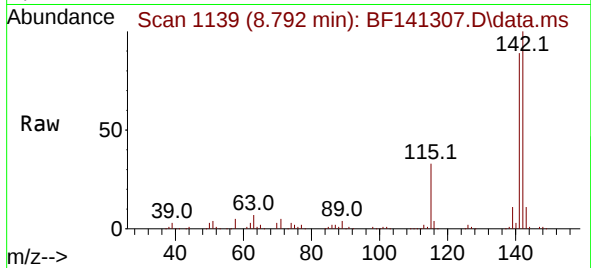




#37
2-Methylnaphthalene
Concen: 8.513 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

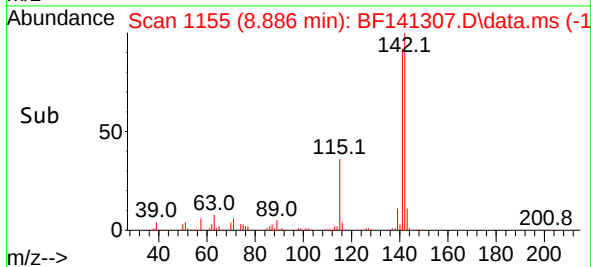
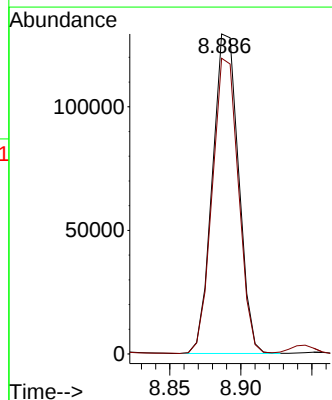
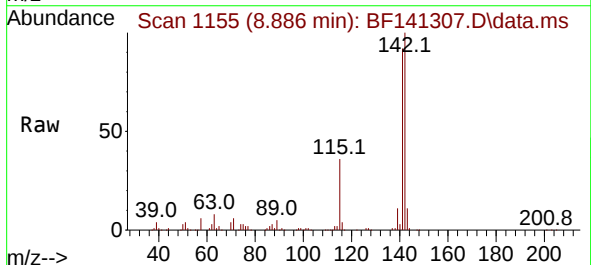
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion:142 Resp: 180695
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9



#38
1-Methylnaphthalene
Concen: 7.958 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:142 Resp: 165932
Ion Ratio Lower Upper
142 100
141 92.4 73.2 109.8

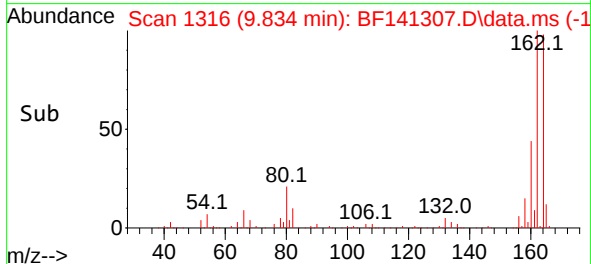
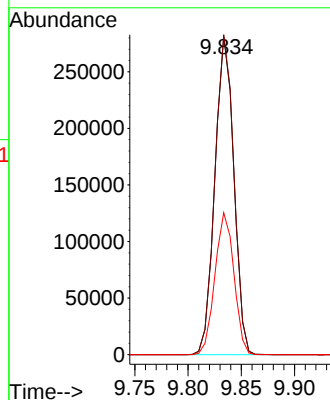
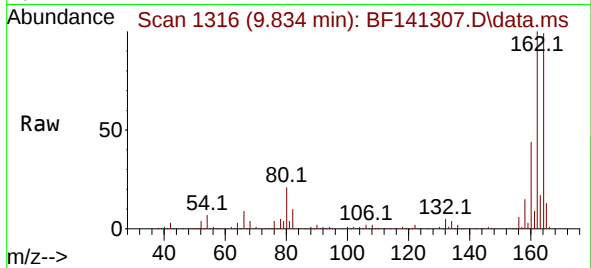




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

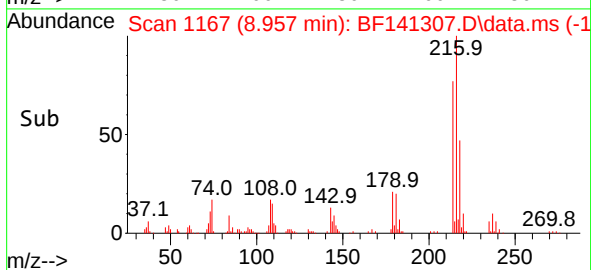
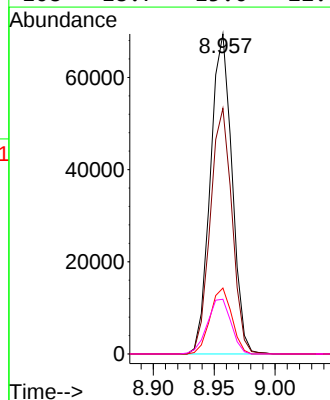
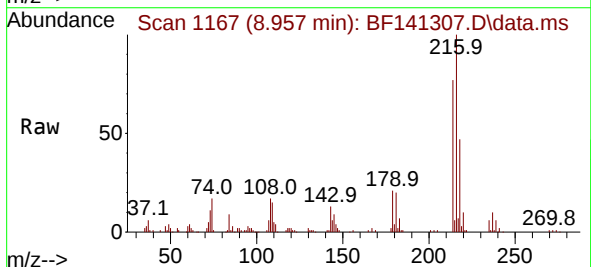
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:164 Resp: 346606
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 44.6 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.690 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:216 Resp: 85686
Ion Ratio Lower Upper
216 100
214 77.0 63.2 94.8
179 20.6 17.8 26.8
108 18.7 15.0 22.6

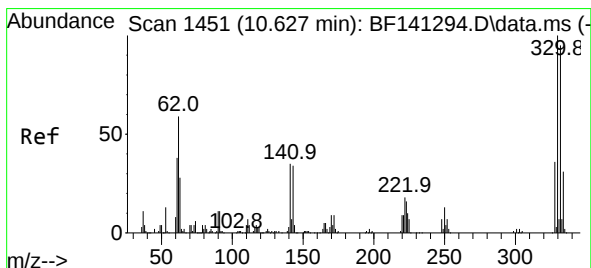
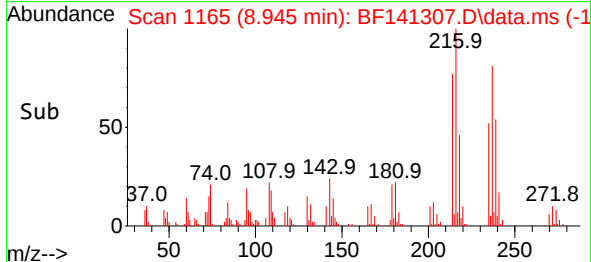
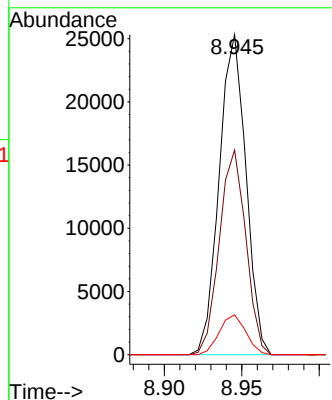
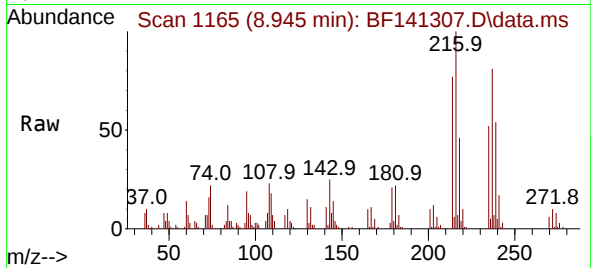




#41
Hexachlorocyclopentadiene
Concen: 10.444 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

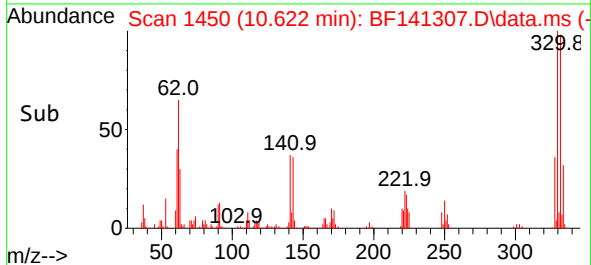
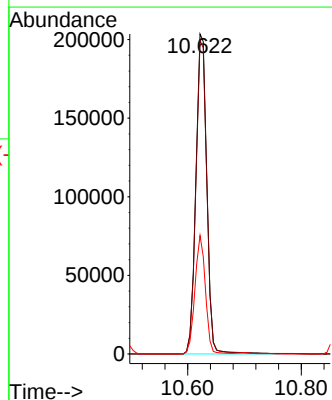
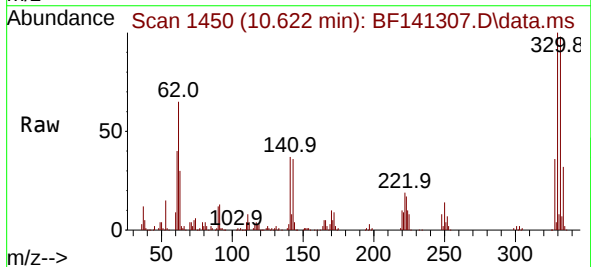
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:237	Resp:	30414
Ion Ratio	Lower	Upper
237	100	
235	63.9	42.9 82.9
272	12.5	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 86.314 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

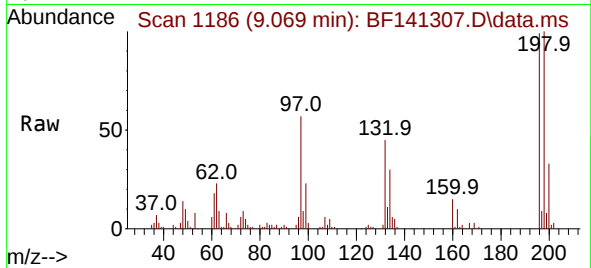
Tgt Ion:330	Resp:	274268
Ion Ratio	Lower	Upper
330	100	
332	98.0	76.1 114.1
141	35.5	28.8 43.2



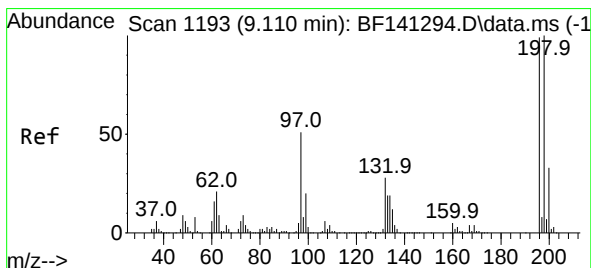
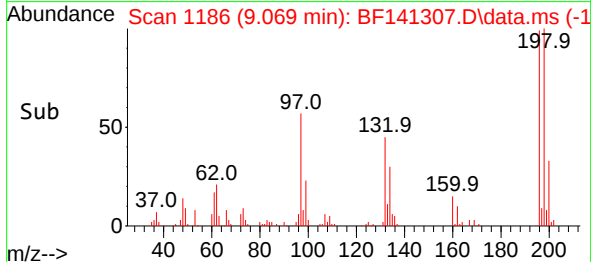
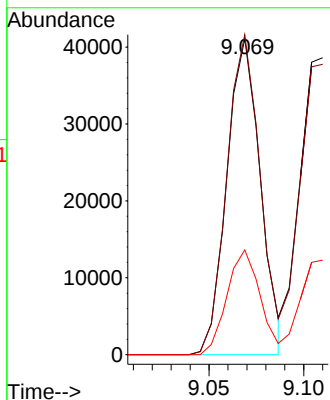


#43
2,4,6-Trichlorophenol
Concen: 7.829 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

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

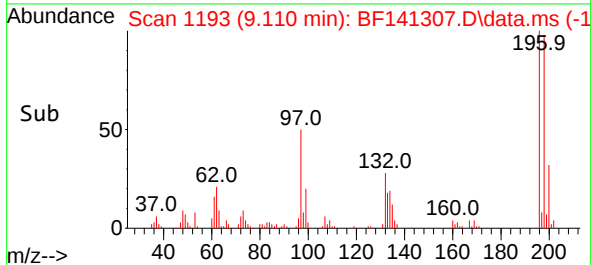
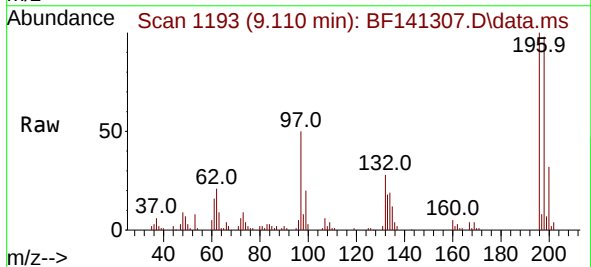
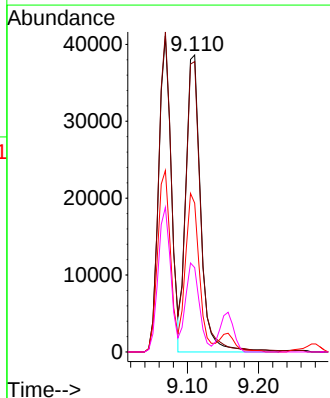


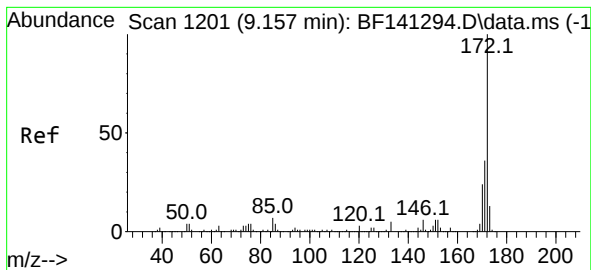
Tgt Ion:196 Resp: 50527
Ion Ratio Lower Upper
196 100
198 101.3 81.8 122.6
200 33.2 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 7.997 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:196 Resp: 56176
Ion Ratio Lower Upper
196 100
198 97.8 80.5 120.7
97 50.1 42.8 64.2
132 28.4 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 60.491 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

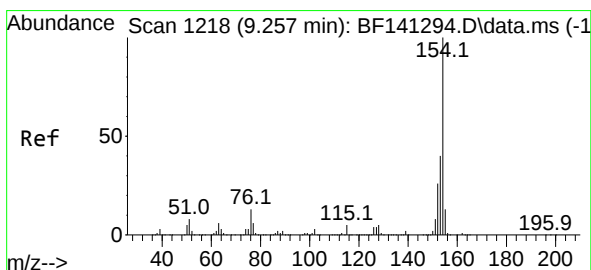
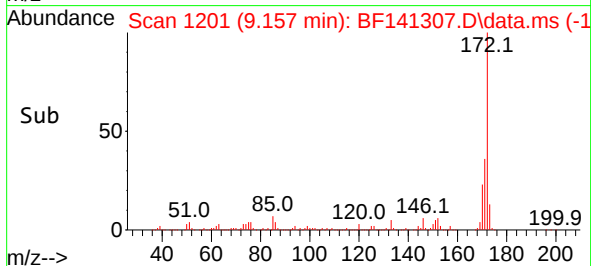
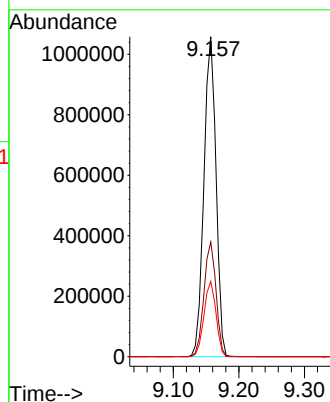
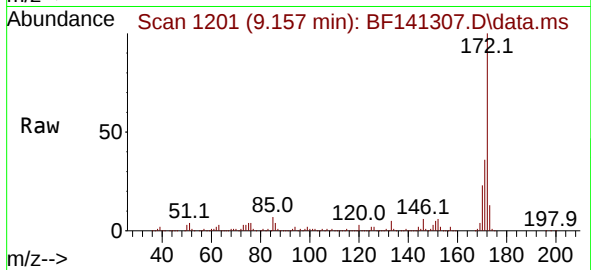
Tgt Ion:172 Resp: 1362179

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 8.717 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

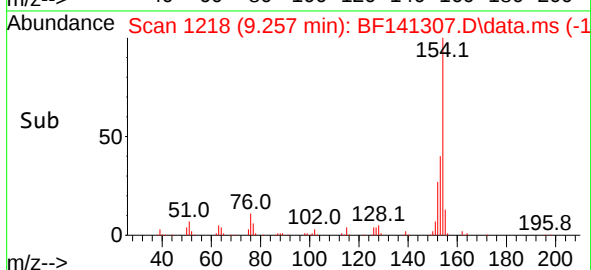
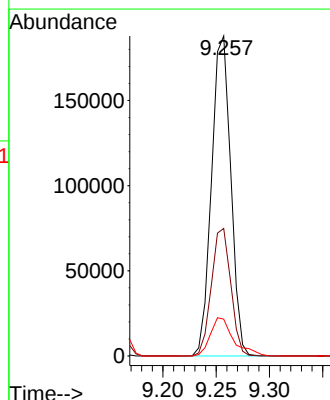
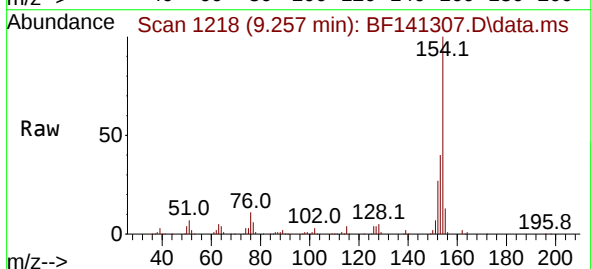
Tgt Ion:154 Resp: 235618

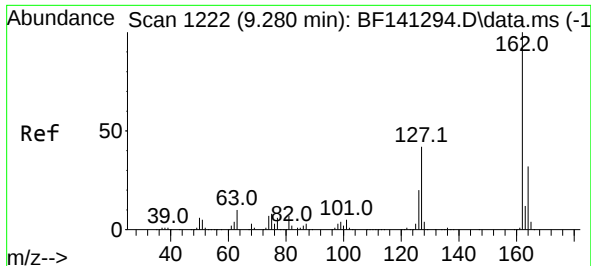
Ion Ratio Lower Upper

154 100

153 39.8 20.0 60.0

76 11.5 0.0 32.8





#47

2-Chloronaphthalene

Concen: 8.084 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

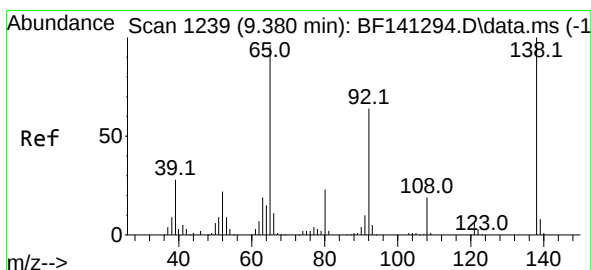
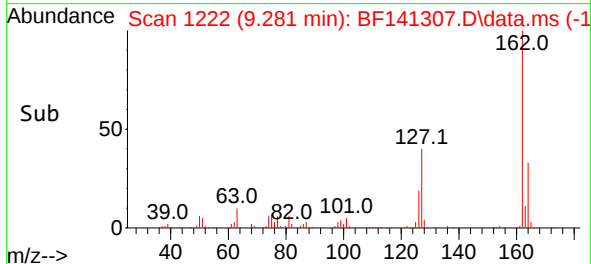
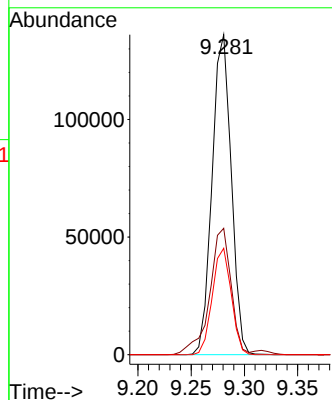
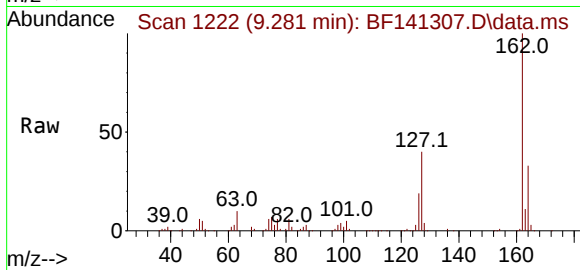
Tgt Ion:162 Resp: 170317

Ion Ratio Lower Upper

162 100

127 39.5 33.7 50.5

164 33.3 25.9 38.9



#48

2-Nitroaniline

Concen: 7.923 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

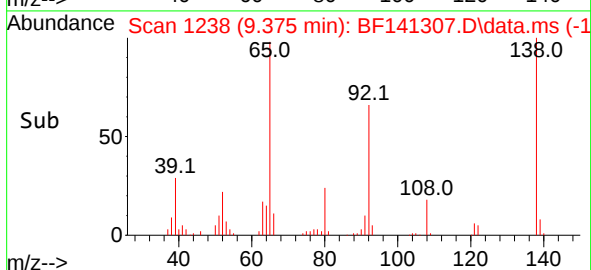
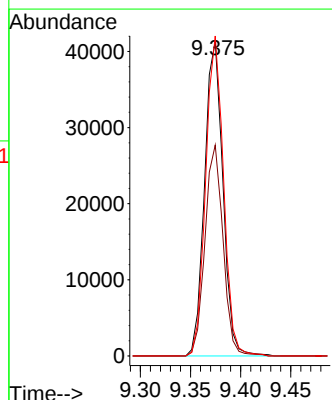
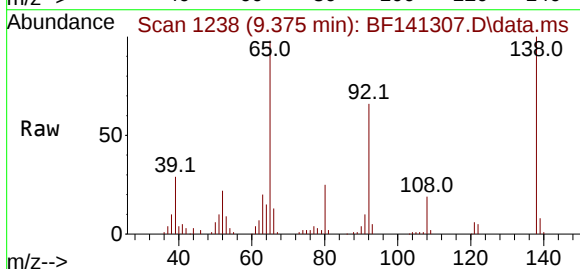
Tgt Ion: 65 Resp: 52505

Ion Ratio Lower Upper

65 100

92 67.0 53.3 79.9

138 101.7 83.6 125.4

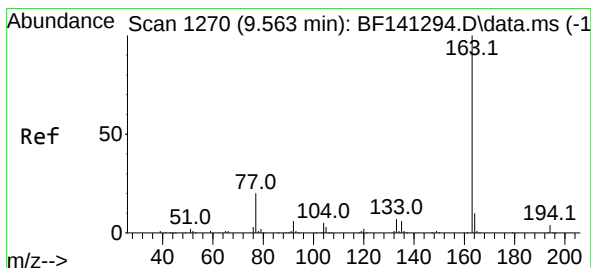
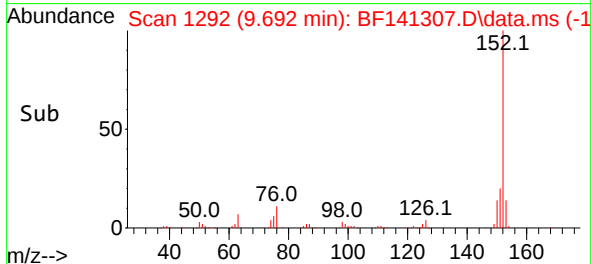
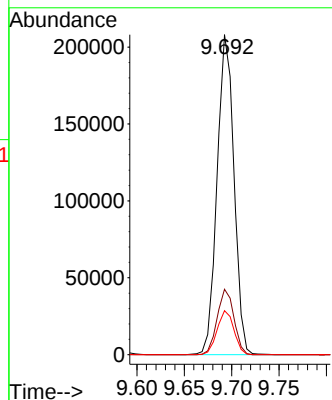
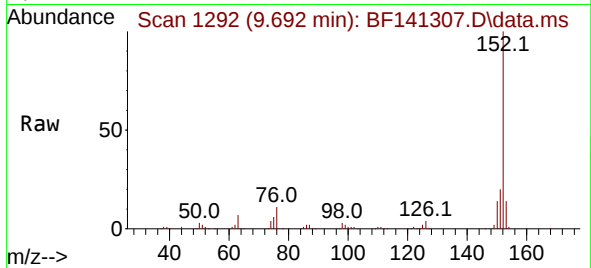




#49
Acenaphthylene
Concen: 8.761 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

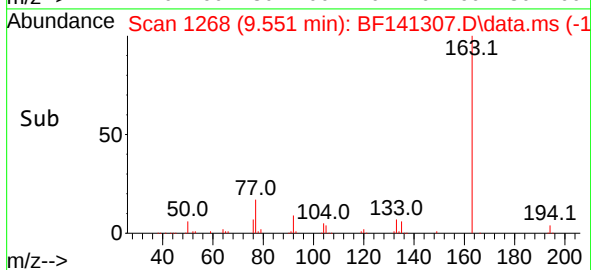
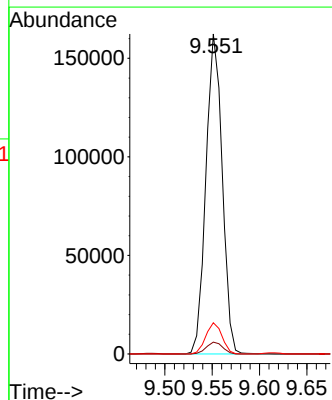
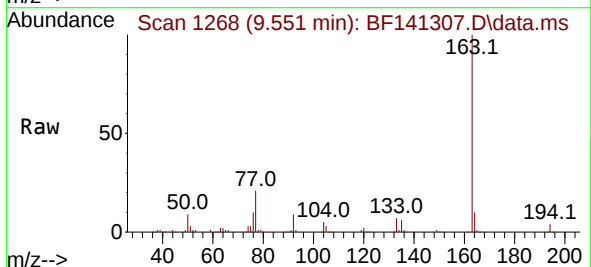
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:152 Resp: 258392
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.8 11.0 16.6



#50
Dimethylphthalate
Concen: 8.301 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:163 Resp: 194333
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.7 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 7.525 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

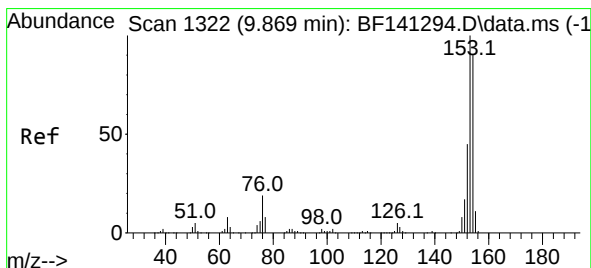
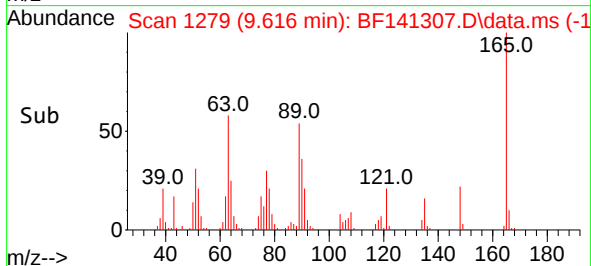
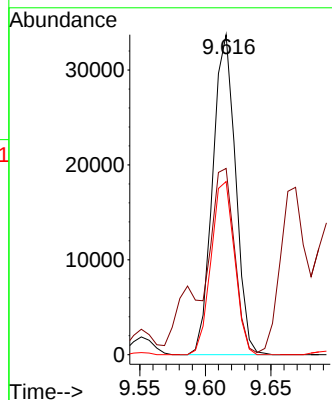
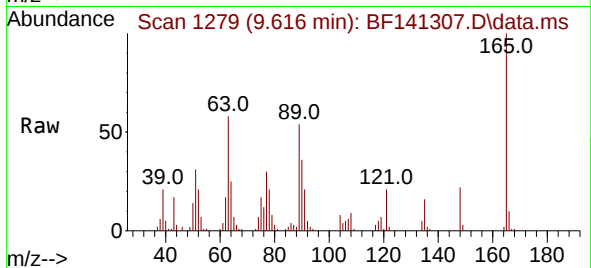
Tgt Ion:165 Resp: 40904

Ion Ratio Lower Upper

165 100

63 58.2 48.1 72.1

89 54.1 44.9 67.3



#52

Acenaphthene

Concen: 8.367 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

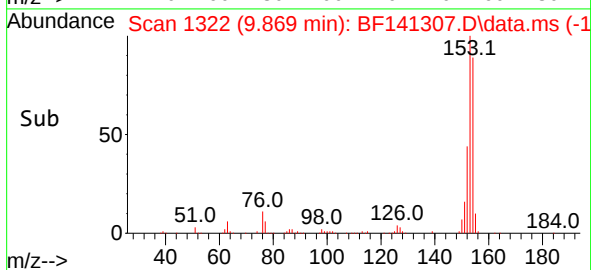
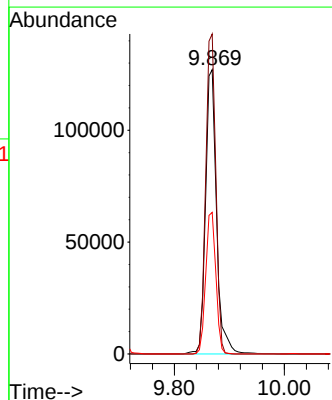
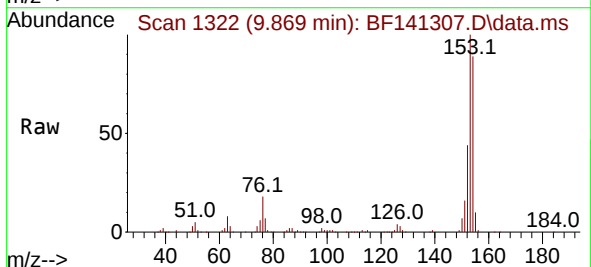
Tgt Ion:154 Resp: 176284

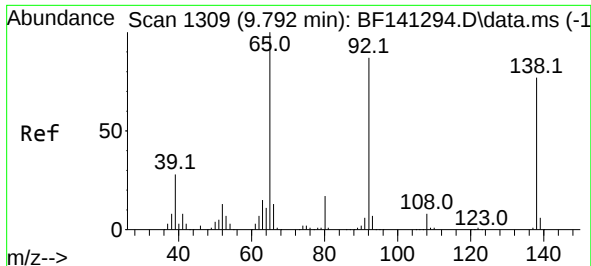
Ion Ratio Lower Upper

154 100

153 112.5 89.0 133.4

152 49.8 40.2 60.4

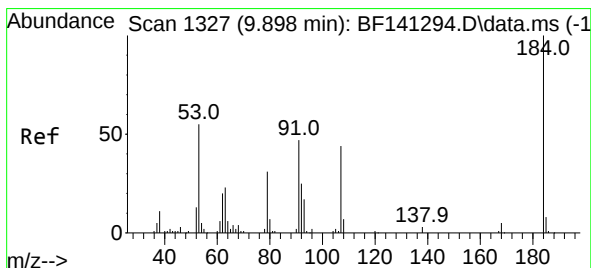
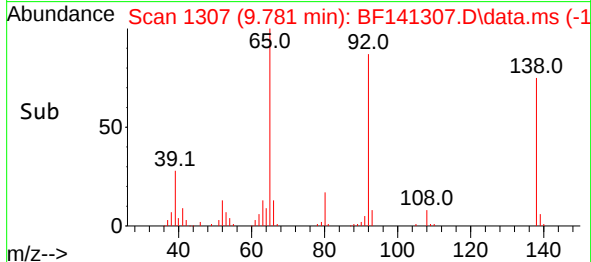
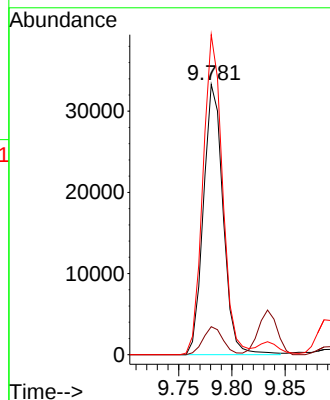
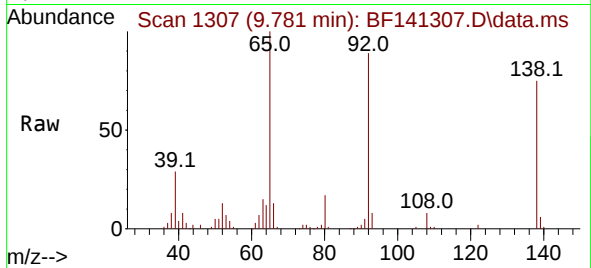




#53
3-Nitroaniline
Concen: 8.061 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

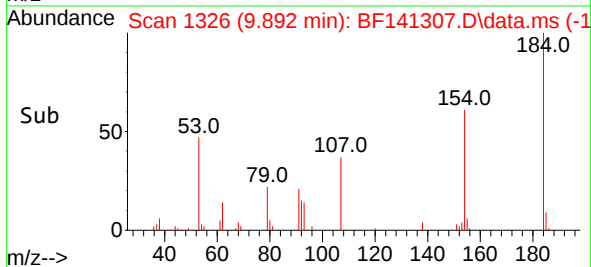
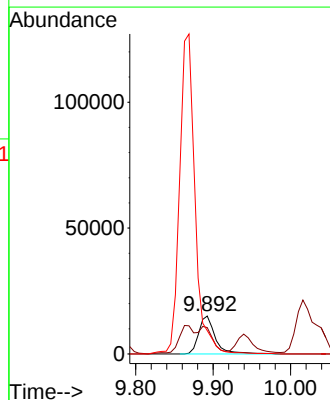
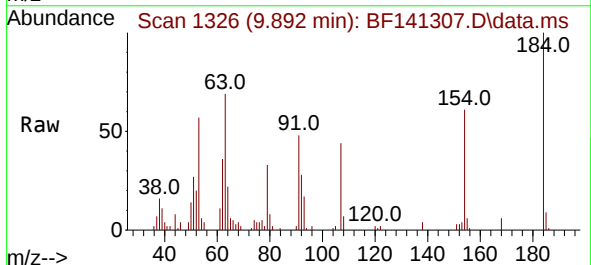
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

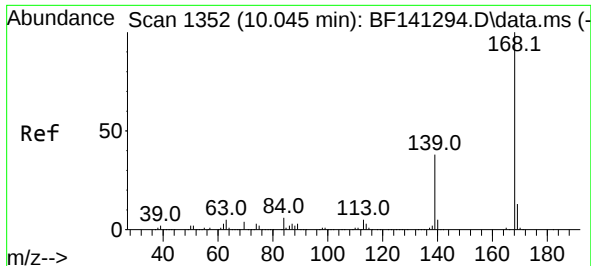
Tgt Ion:138 Resp: 42944
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 118.4 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 8.854 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:184 Resp: 22372
Ion Ratio Lower Upper
184 100
63 69.3 54.1 81.1
154 61.4 50.7 76.1

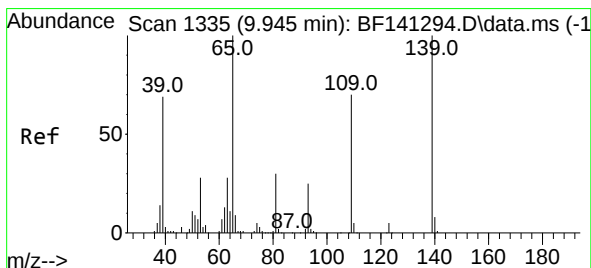
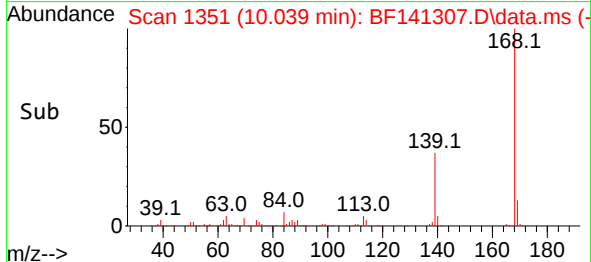
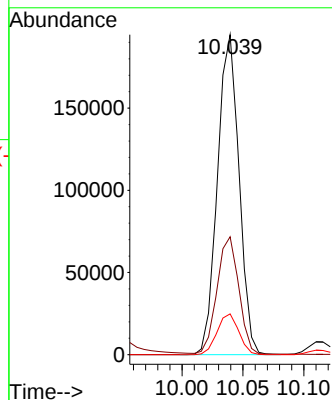
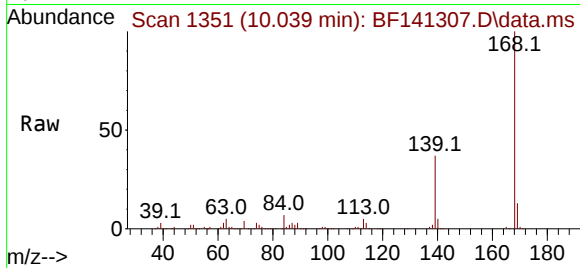




#55
Dibenzenofuran
Concen: 8.513 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

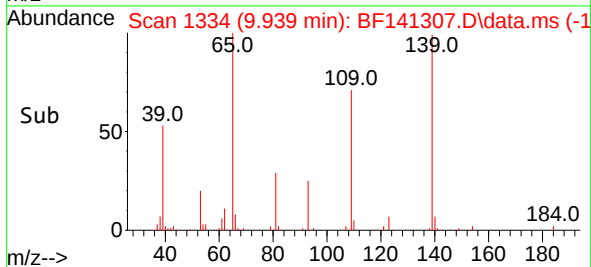
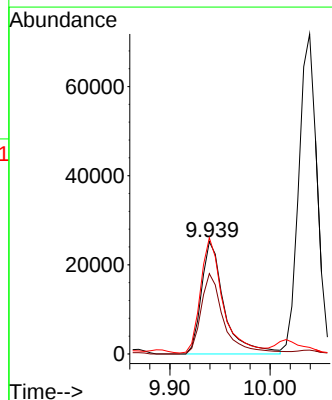
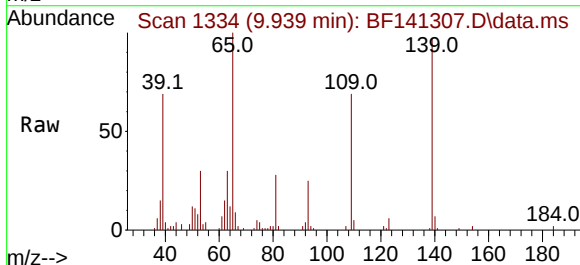
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT1-2025

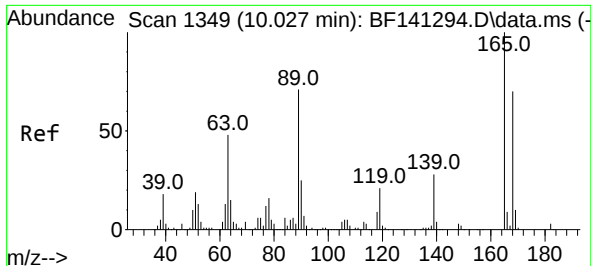
Tgt Ion:168 Resp: 240090
Ion Ratio Lower Upper
168 100
139 36.9 30.6 46.0
169 12.8 10.8 16.2



#56
4-Nitrophenol
Concen: 10.291 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.018 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:139 Resp: 40093
Ion Ratio Lower Upper
139 100
109 71.6 50.2 90.2
65 103.4 80.6 120.6

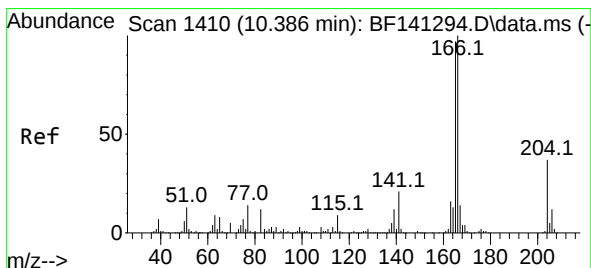
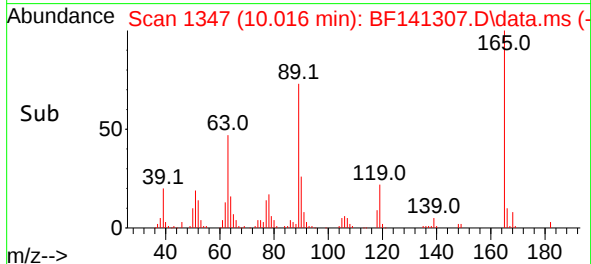
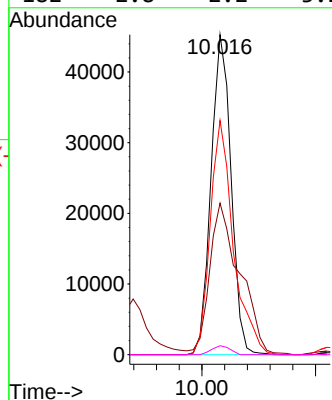
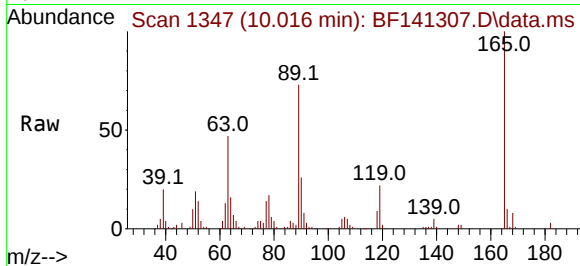




#57
2,4-Dinitrotoluene
Concen: 7.877 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

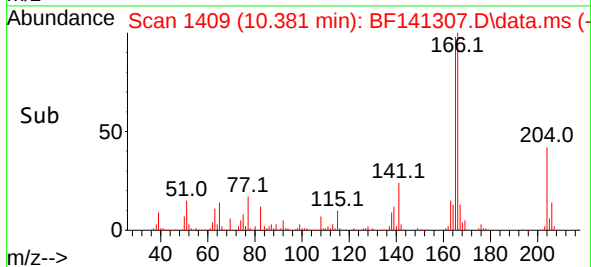
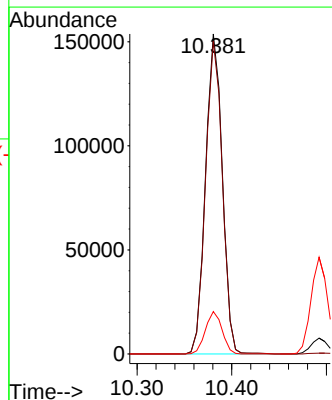
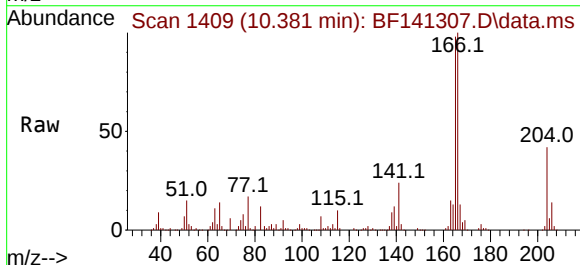
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

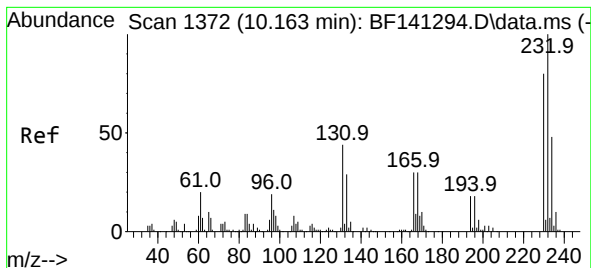
Tgt	Ion:165	Resp:	55434
Ion	Ratio	Lower	Upper
165	100		
63	47.4	39.2	58.8
89	73.2	56.9	85.3
182	2.8	2.2	3.2



#58
Fluorene
Concen: 8.616 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:166	Resp:	188480	
Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.5	116.3
167	13.2	10.9	16.3

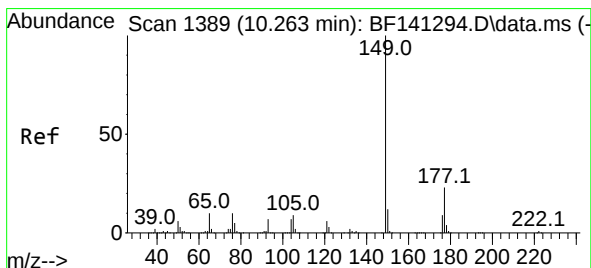
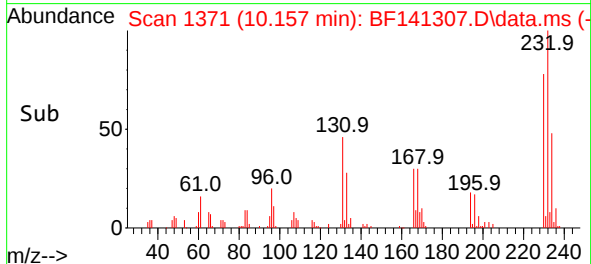
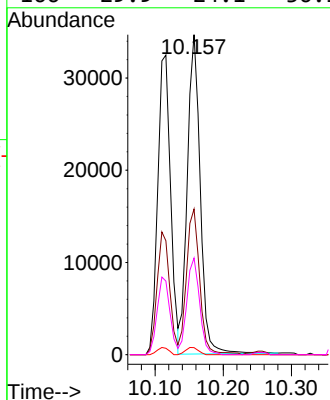
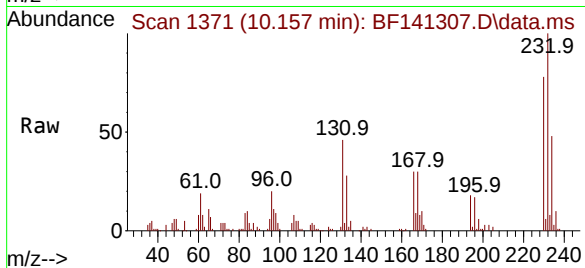




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.195 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

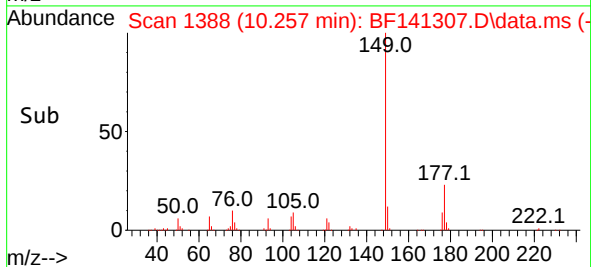
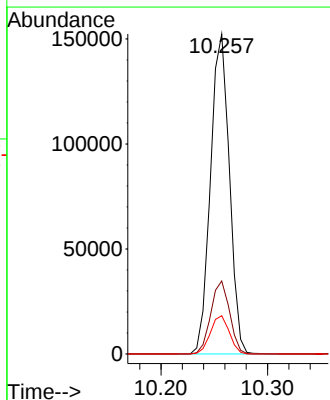
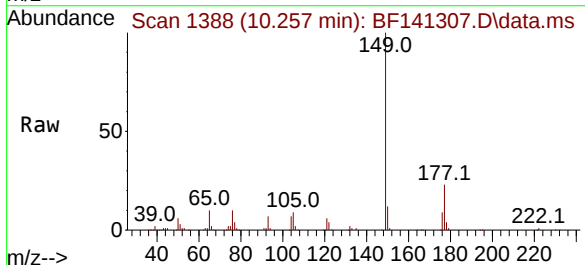
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

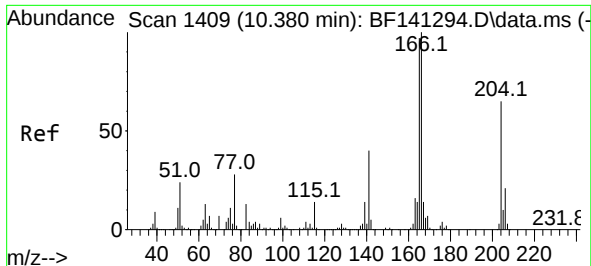
Tgt Ion:232 Resp: 45287
Ion Ratio Lower Upper
232 100
131 46.5 36.4 54.6
130 2.2 1.9 2.9
166 29.9 24.1 36.1



#60
Diethylphthalate
Concen: 8.252 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:149 Resp: 187314
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.0 10.0 15.0

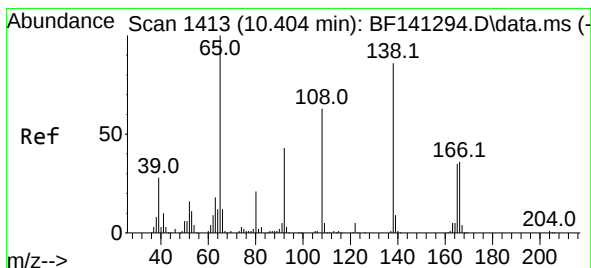
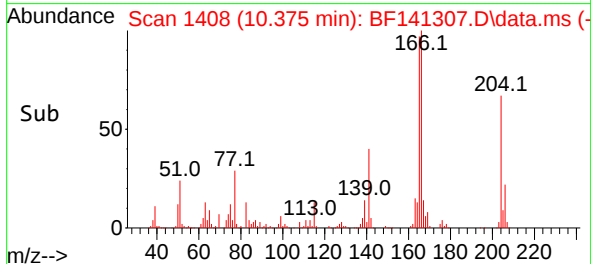
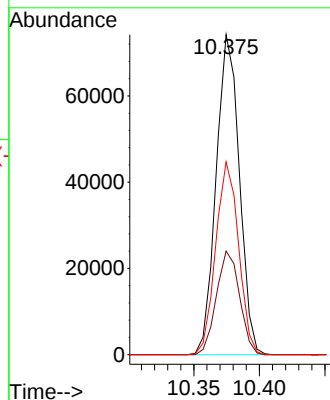
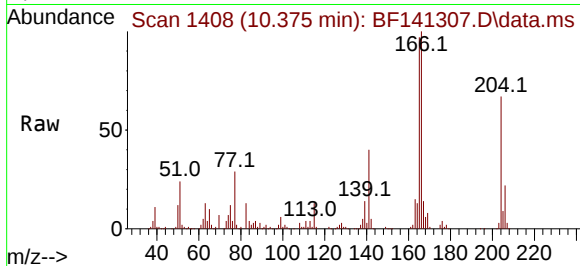




#61
4-Chlorophenyl-phenylether
Concen: 8.526 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

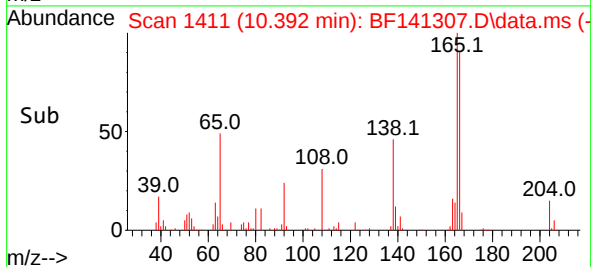
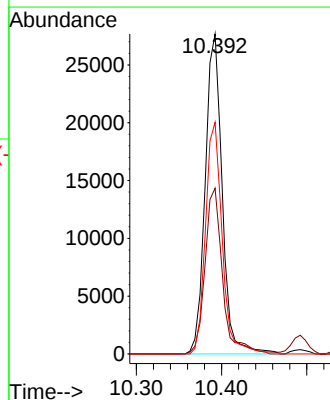
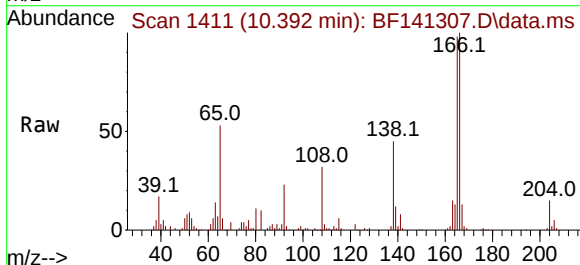
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

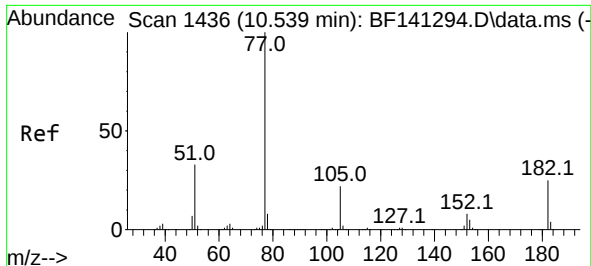
Tgt Ion:204 Resp: 91105
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 60.3 49.5 74.3



#62
4-Nitroaniline
Concen: 7.320 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:138 Resp: 38336
Ion Ratio Lower Upper
138 100
92 51.8 30.1 70.1
108 72.4 53.1 93.1

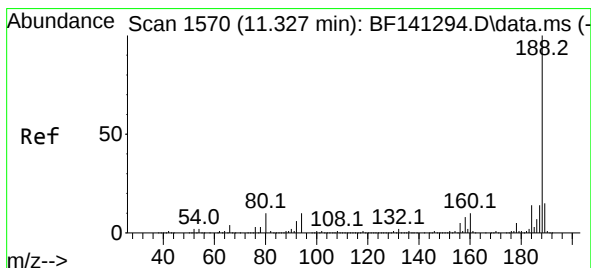
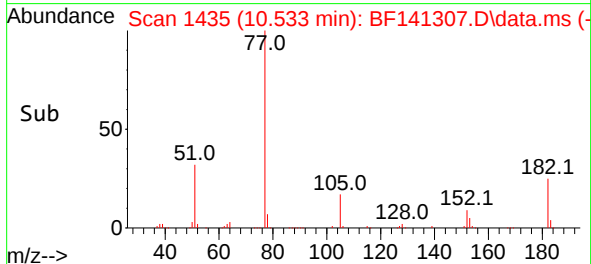
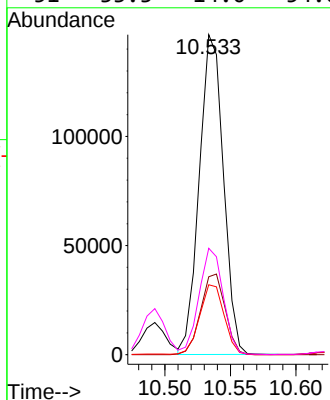
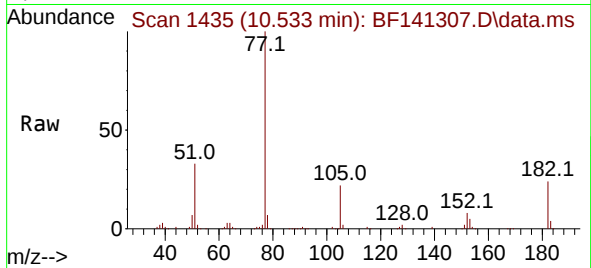




#63
Azobenzene
Concen: 8.269 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

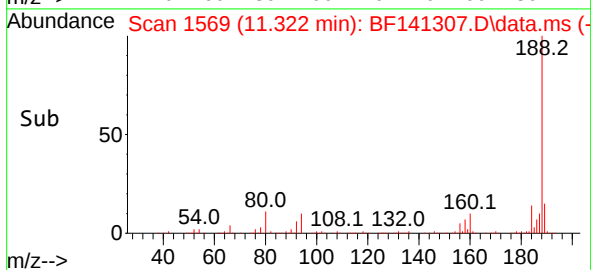
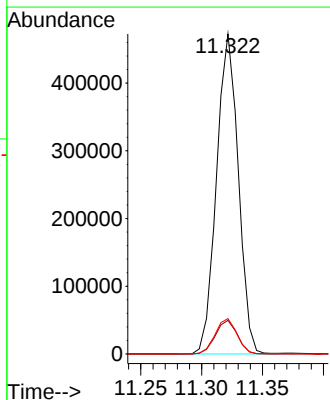
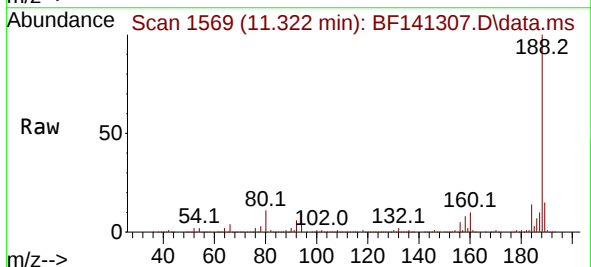
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT1-2025

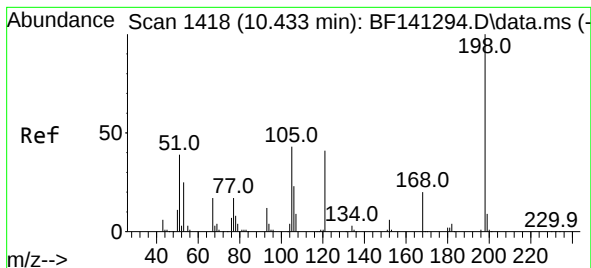
Tgt Ion: 77	Resp: 187871
Ion Ratio	Lower Upper
77 100	
182 24.4	5.1 45.1
105 21.8	1.8 41.8
51 33.3	14.0 54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:188	Resp: 588552
Ion Ratio	Lower Upper
188 100	
94 10.5	7.8 11.6
80 11.1	8.2 12.4

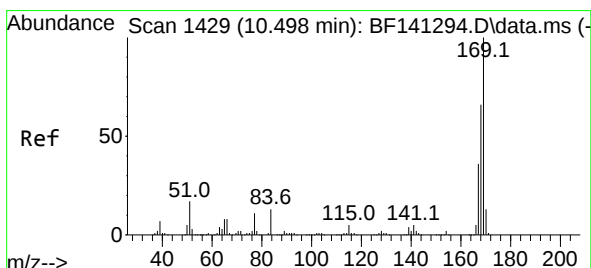
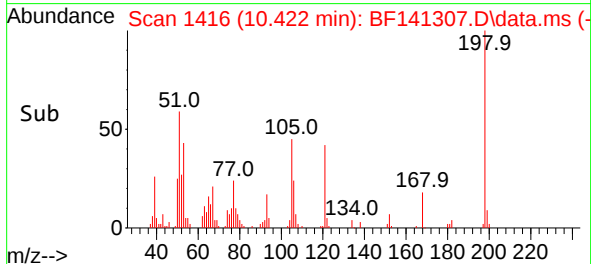
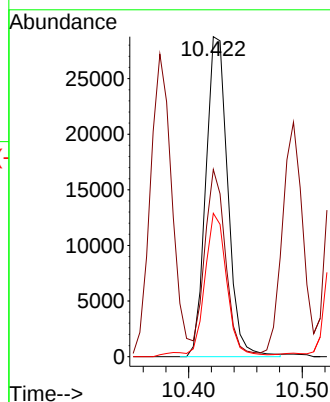
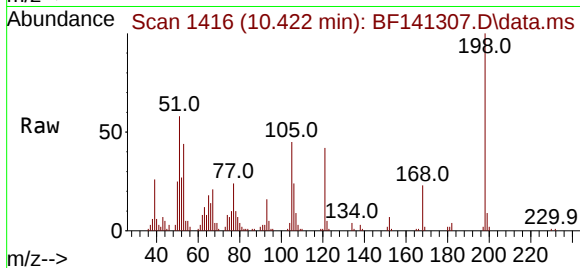




#65
4,6-Dinitro-2-methylphenol
Concen: 11.110 ng
RT: 10.422 min Scan# 1418
Delta R.T. -0.018 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

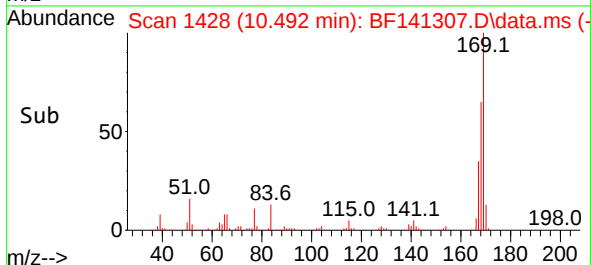
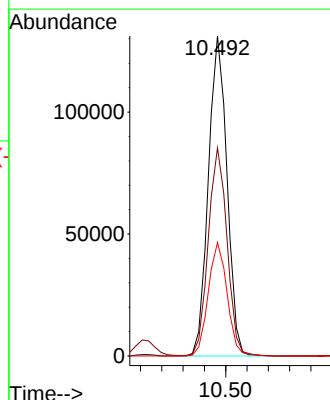
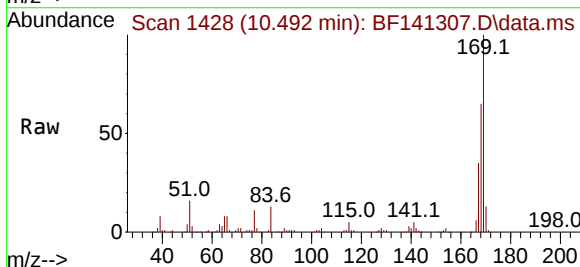
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

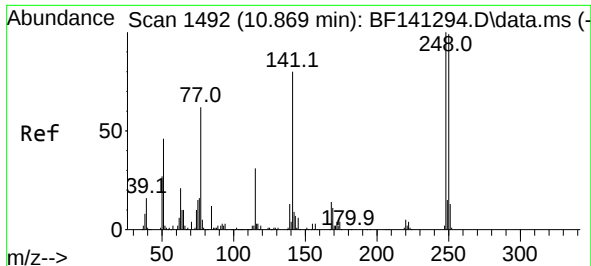
Tgt Ion:198 Resp: 38678
Ion Ratio Lower Upper
198 100
51 58.5 33.4 73.4
105 44.8 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 8.350 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:169 Resp: 158951
Ion Ratio Lower Upper
169 100
168 65.1 53.0 79.4
167 35.4 28.8 43.2

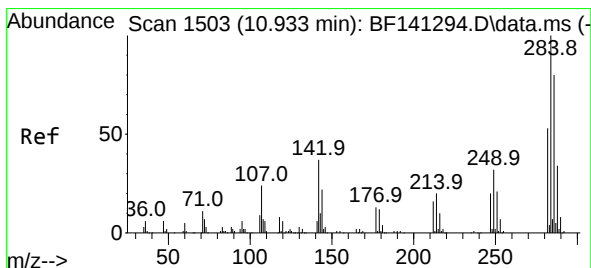
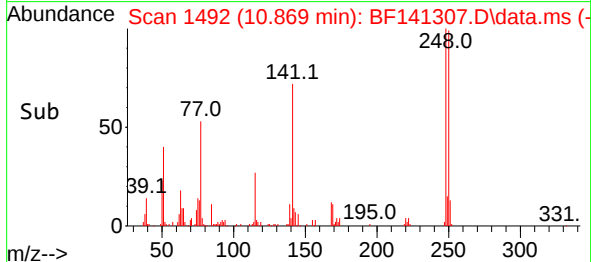
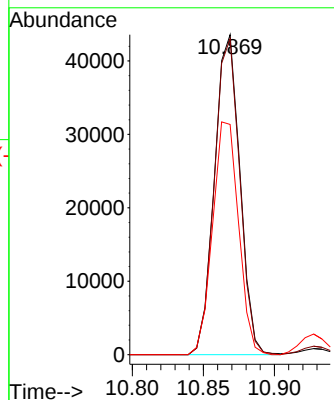
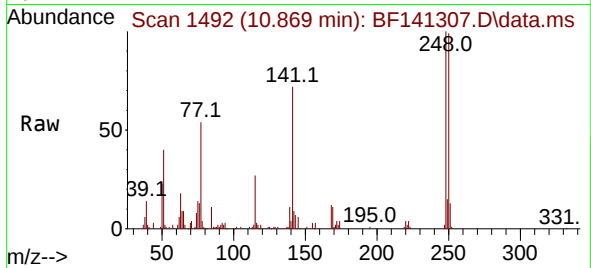




#67
4-Bromophenyl-phenylether
Concen: 8.242 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

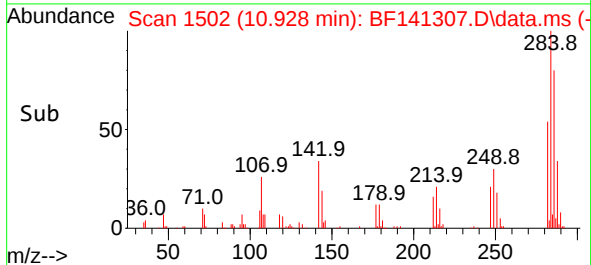
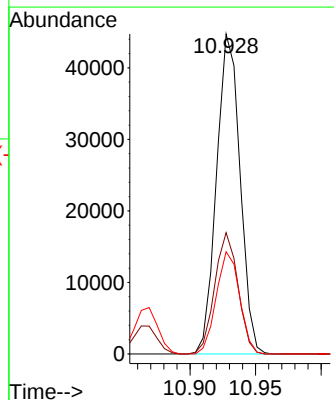
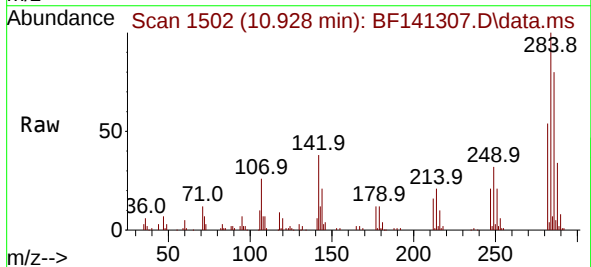
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

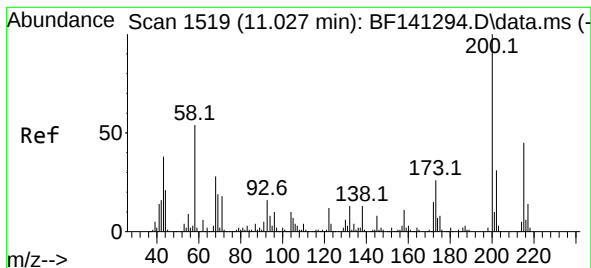
Tgt Ion:248 Resp: 54308
Ion Ratio Lower Upper
248 100
250 98.7 79.0 118.4
141 71.9 63.7 95.5



#68
Hexachlorobenzene
Concen: 7.963 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:284 Resp: 55659
Ion Ratio Lower Upper
284 100
142 37.9 29.5 44.3
249 31.9 25.4 38.2





#69

Atrazine

Concen: 7.721 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.018 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

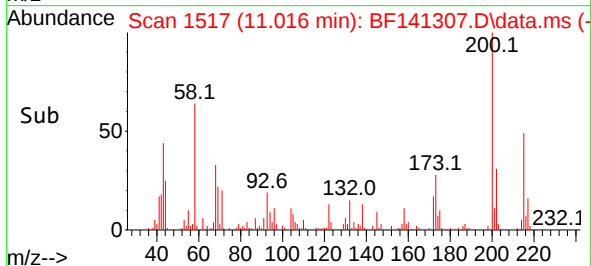
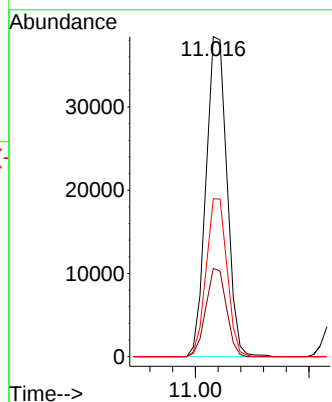
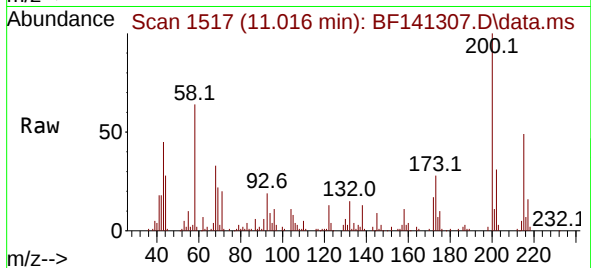
Tgt Ion:200 Resp: 49144

Ion Ratio Lower Upper

200 100

173 27.6 5.9 45.9

215 49.3 25.2 65.2



#70

Pentachlorophenol

Concen: 11.414 ng

RT: 11.128 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

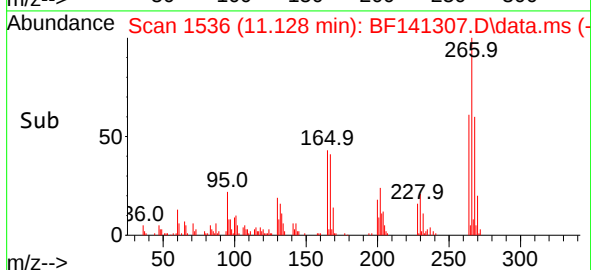
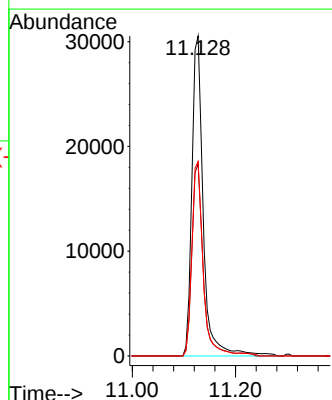
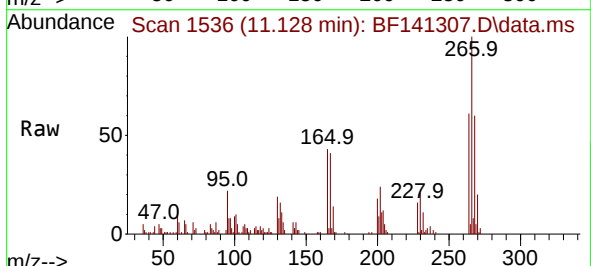
Tgt Ion:266 Resp: 46715

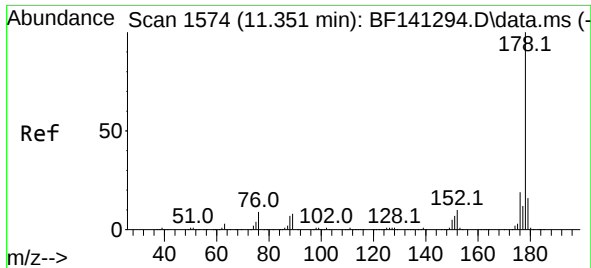
Ion Ratio Lower Upper

266 100

268 60.0 49.9 74.9

264 60.8 51.0 76.4

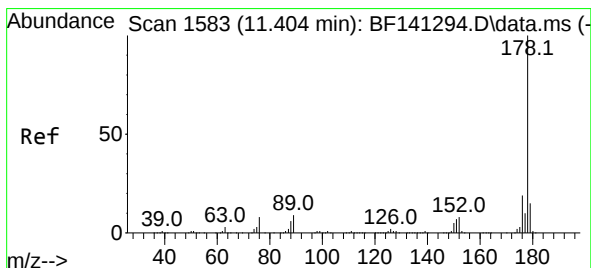
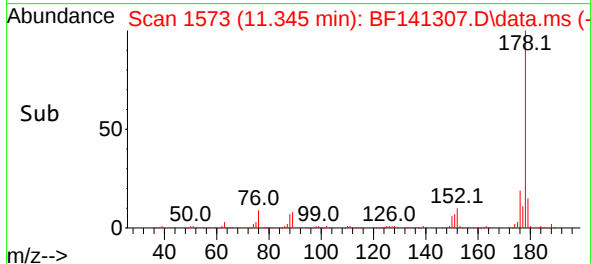
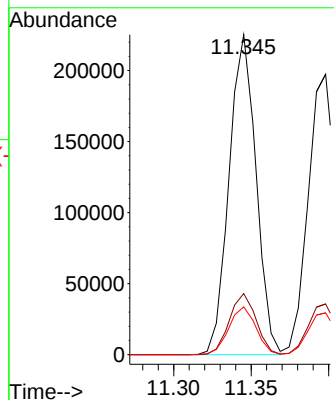
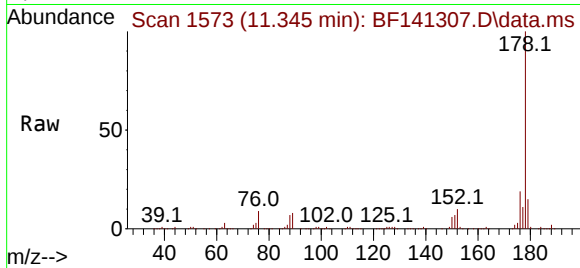




#71
Phenanthrene
Concen: 8.617 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

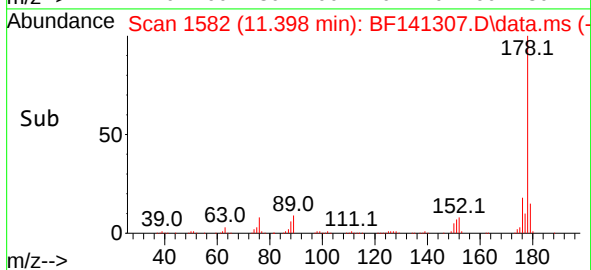
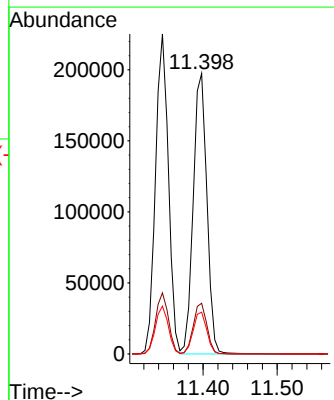
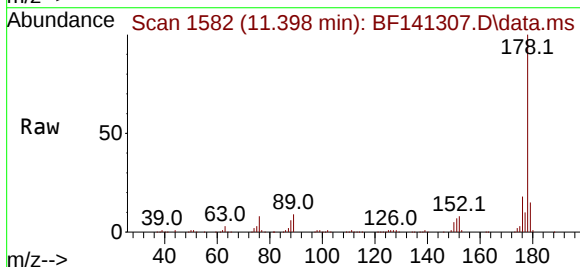
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:178 Resp: 272610
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.0 12.5 18.7



#72
Anthracene
Concen: 8.149 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

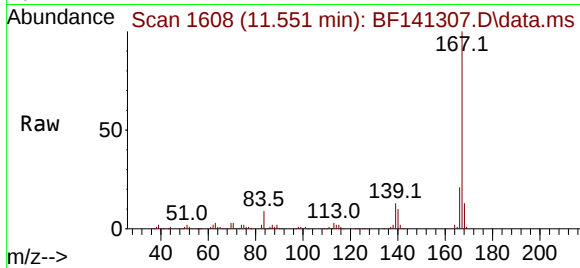
Tgt Ion:178 Resp: 252597
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.6
179 14.9 12.3 18.5



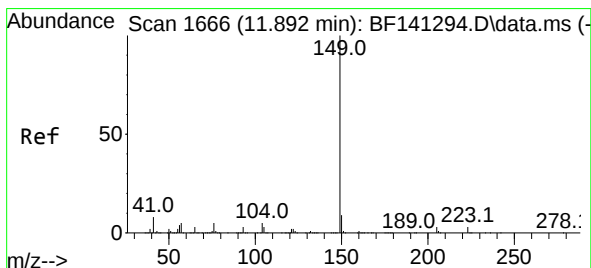
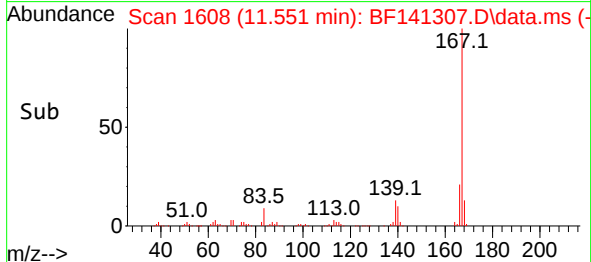
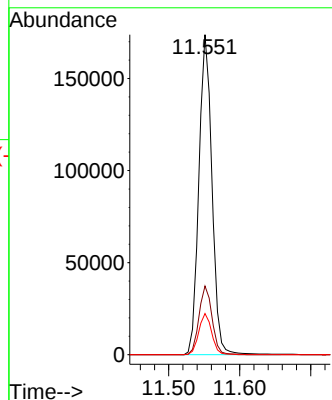


#73
 Carbazole
 Concen: 8.126 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141307.D
 Acq: 30 Jan 2025 12:21

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

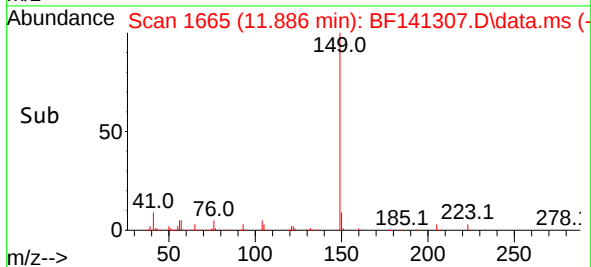
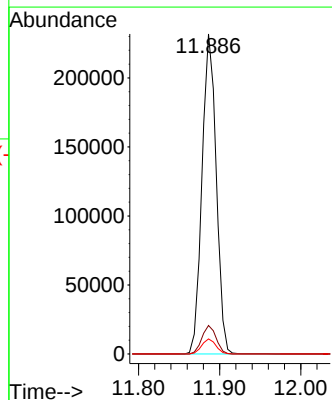
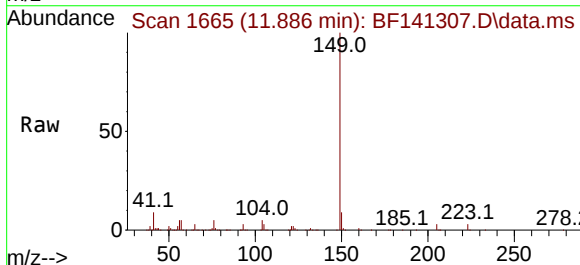


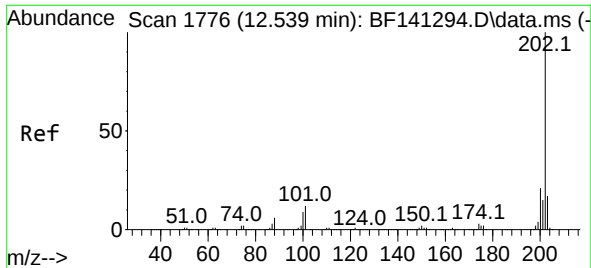
Tgt Ion:167 Resp: 223363
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 8.461 ng
 RT: 11.886 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF141307.D
 Acq: 30 Jan 2025 12:21

Tgt Ion:149 Resp: 281840
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 4.7 3.9 5.9

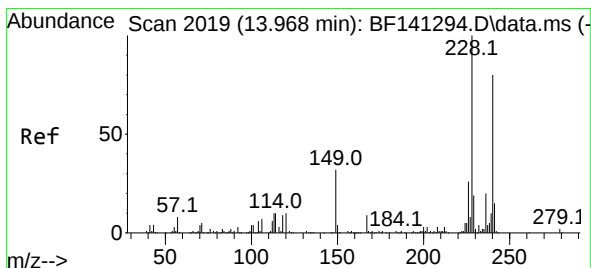
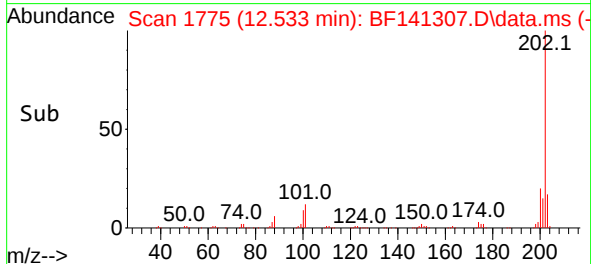
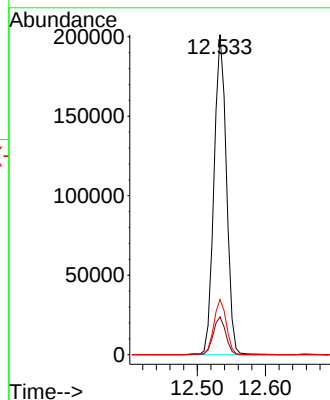
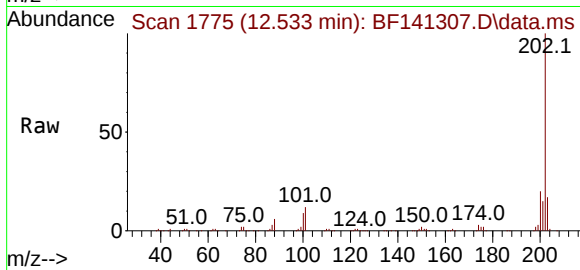




#75
Fluoranthene
Concen: 8.162 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

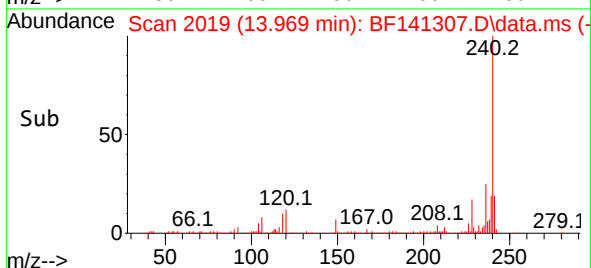
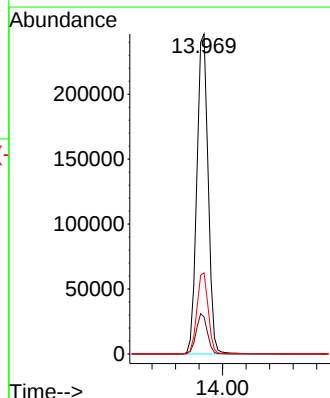
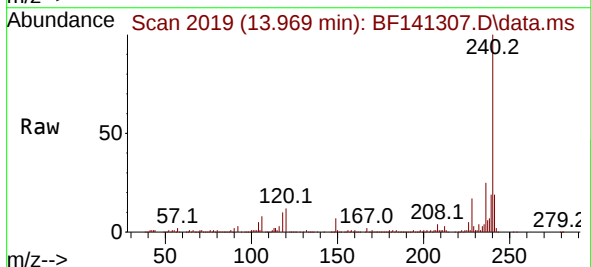
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

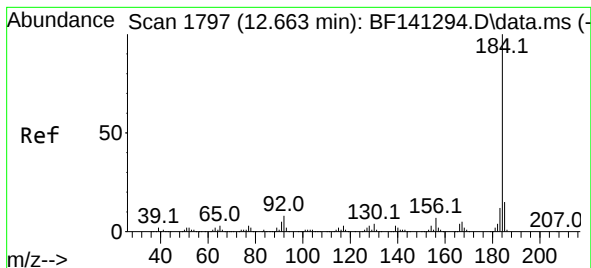
Tgt Ion:202 Resp: 254962
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.7
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141307.D
Acq: 30 Jan 2025 12:21

Tgt Ion:240 Resp: 328396
Ion Ratio Lower Upper
240 100
120 11.6 10.0 15.0
236 25.4 19.7 29.5





#77

Benzidine

Concen: 7.851 ng

RT: 12.663 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

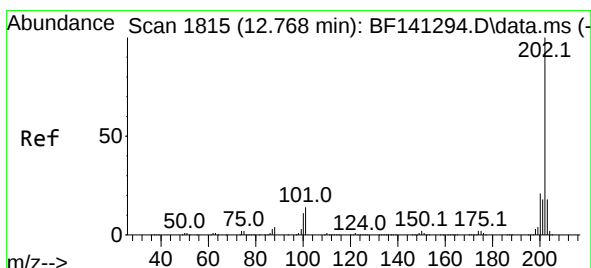
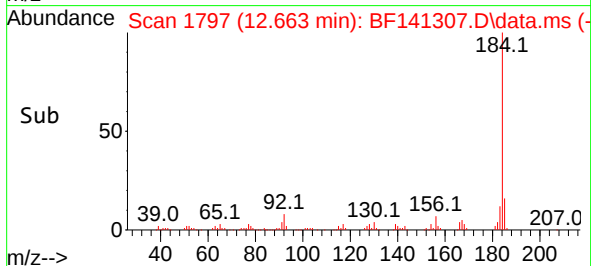
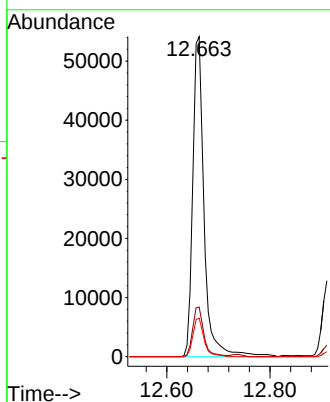
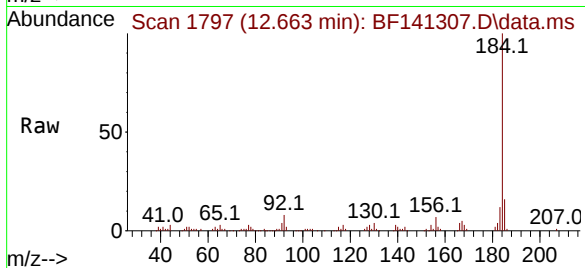
Tgt Ion:184 Resp: 82653

Ion Ratio Lower Upper

184 100

185 15.5 11.9 17.9

183 12.1 9.5 14.3



#78

Pyrene

Concen: 8.603 ng

RT: 12.763 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

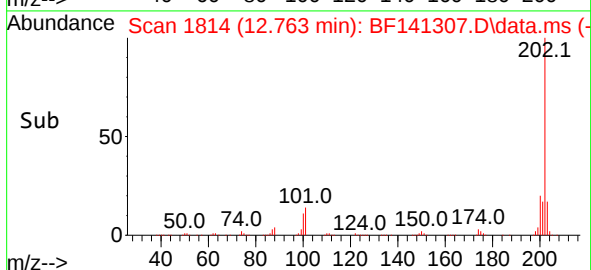
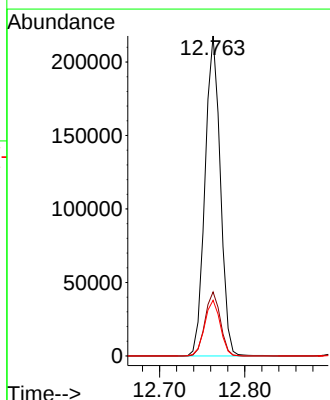
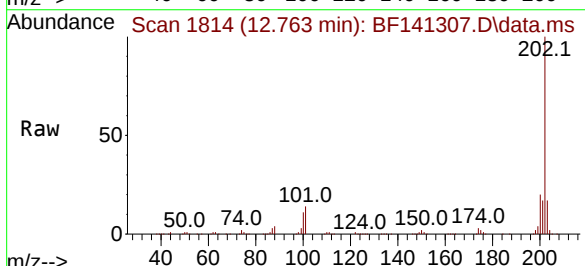
Tgt Ion:202 Resp: 271207

Ion Ratio Lower Upper

202 100

200 20.0 17.0 25.4

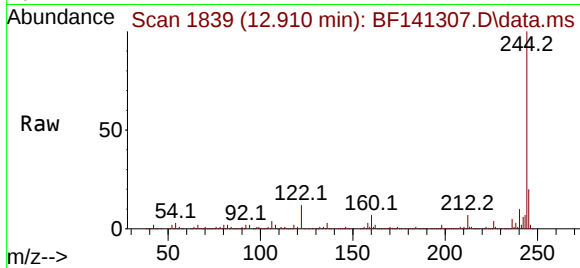
203 17.4 14.3 21.5





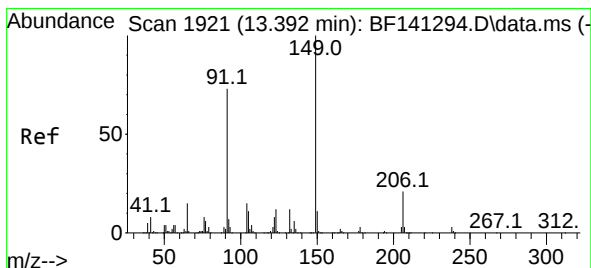
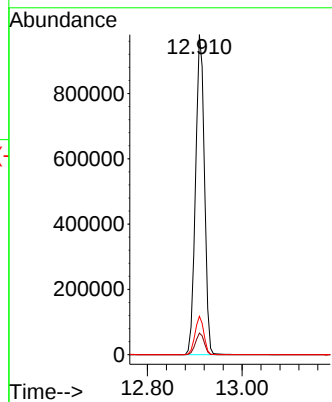
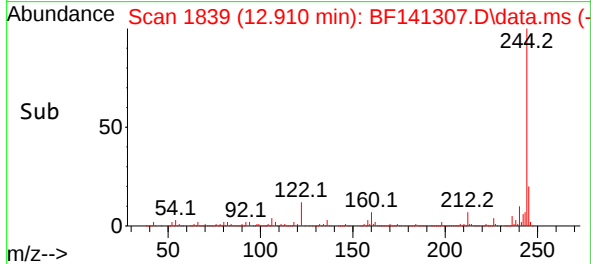
#79
 Terphenyl-d14
 Concen: 59.973 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141307.D
 Acq: 30 Jan 2025 12:21

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



Tgt Ion:244 Resp: 1277077

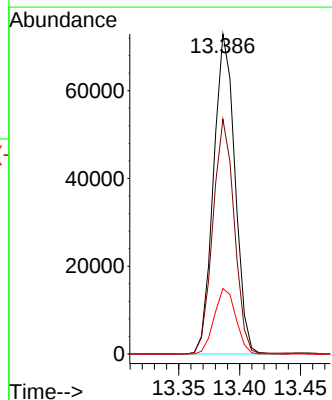
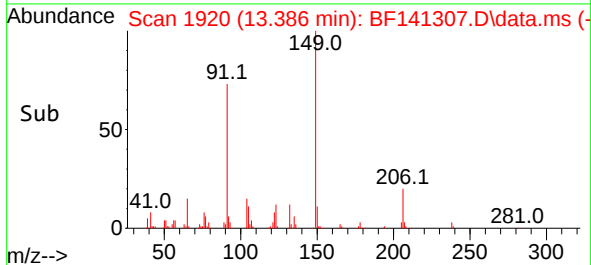
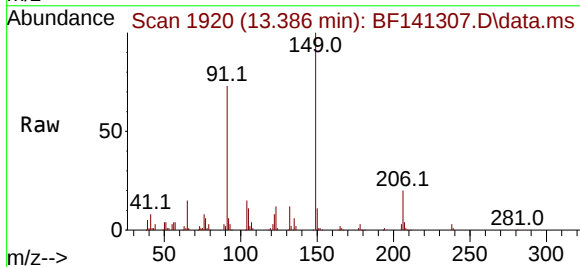
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.0	8.8	13.2

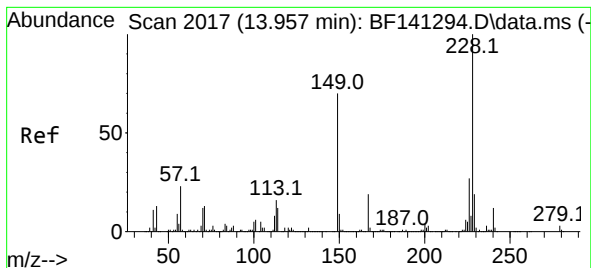


#80
 Butylbenzylphthalate
 Concen: 8.117 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141307.D
 Acq: 30 Jan 2025 12:21

Tgt Ion:149 Resp: 89392

Ion	Ratio	Lower	Upper
149	100		
91	73.3	58.6	87.8
206	20.4	16.7	25.1





#81

Benzo(a)anthracene

Concen: 8.067 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

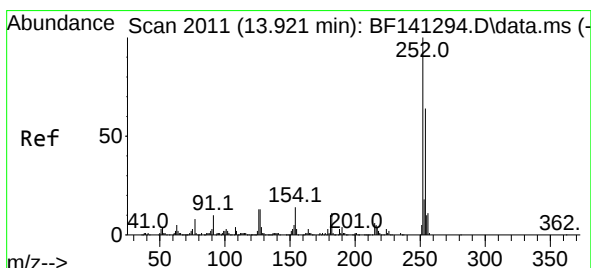
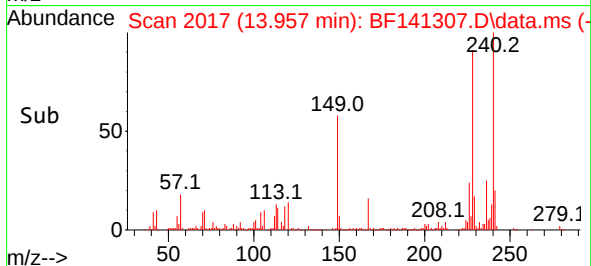
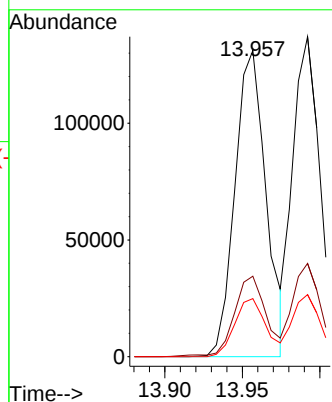
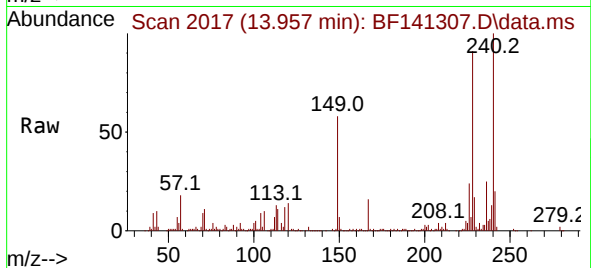
Tgt Ion:228 Resp: 182807

Ion Ratio Lower Upper

228 100

226 26.3 21.4 32.2

229 19.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 7.692 ng

RT: 13.921 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

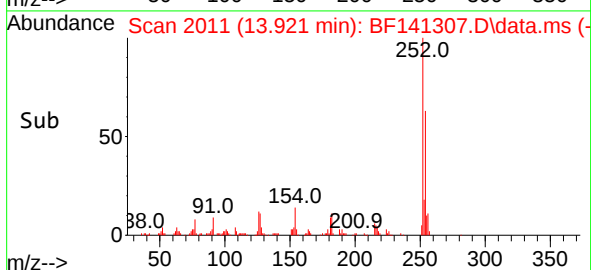
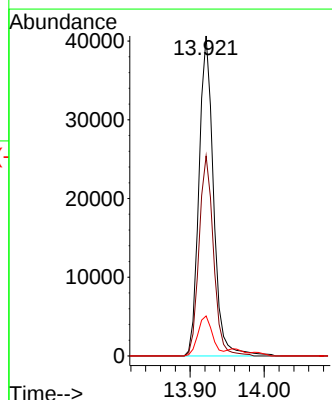
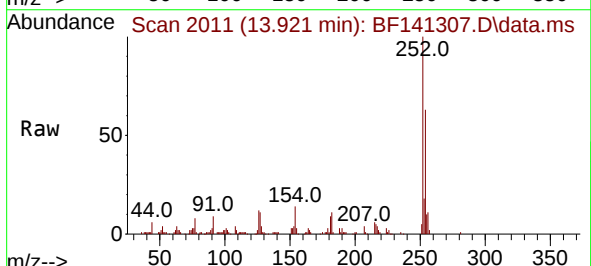
Tgt Ion:252 Resp: 55442

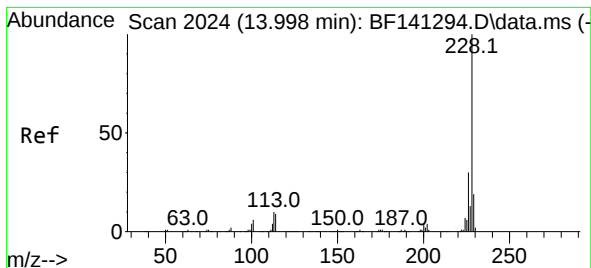
Ion Ratio Lower Upper

252 100

254 62.5 51.3 76.9

126 12.5 10.0 15.0





#83

Chrysene

Concen: 8.155 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

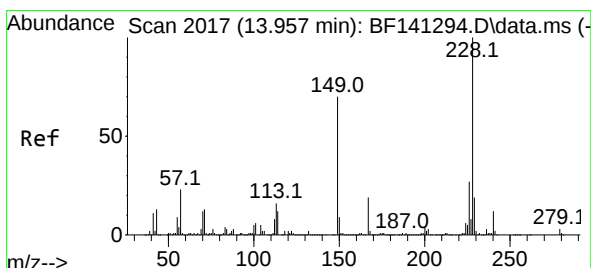
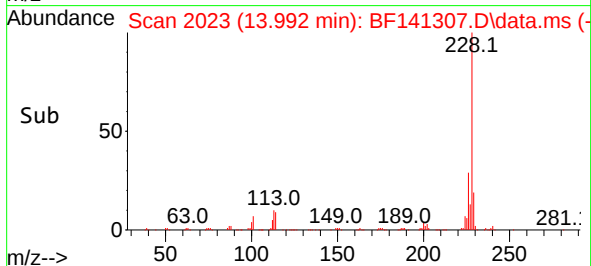
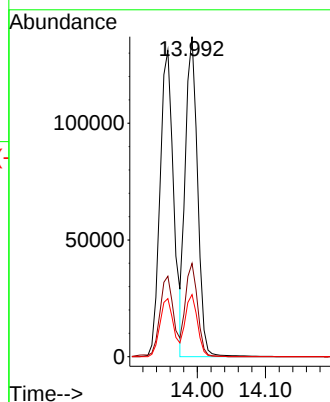
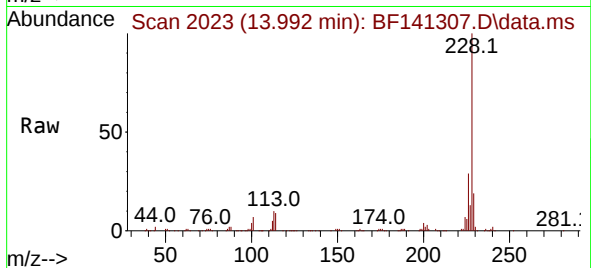
Tgt Ion:228 Resp: 169366

Ion Ratio Lower Upper

228 100

226 29.2 24.1 36.1

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.096 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

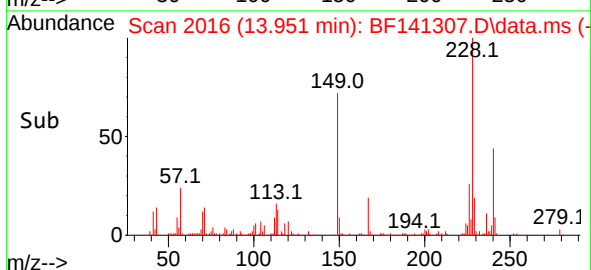
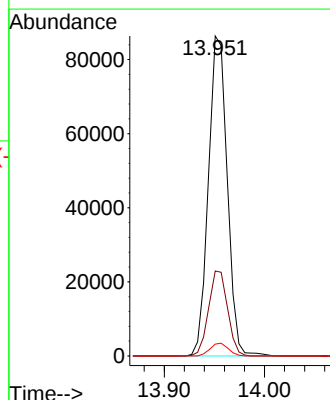
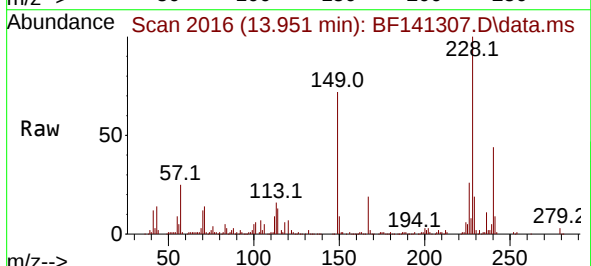
Tgt Ion:149 Resp: 113104

Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.8

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 7.257 ng

RT: 14.580 min Scan# 2124

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

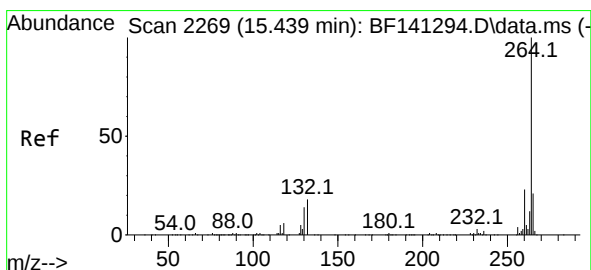
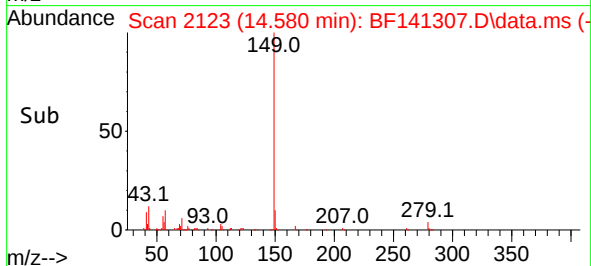
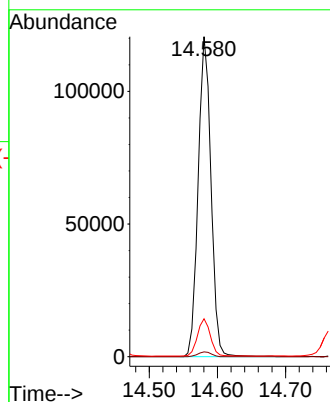
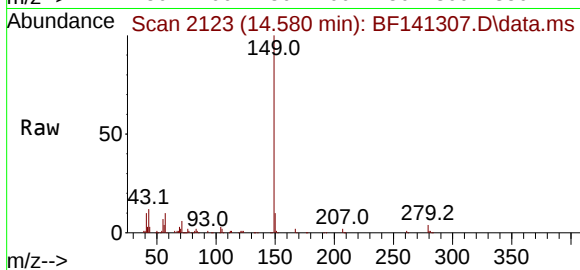
Tgt Ion:149 Resp: 157466

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.9 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

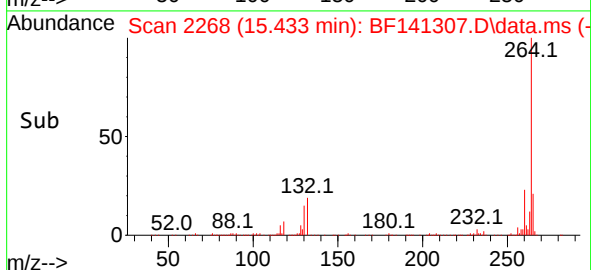
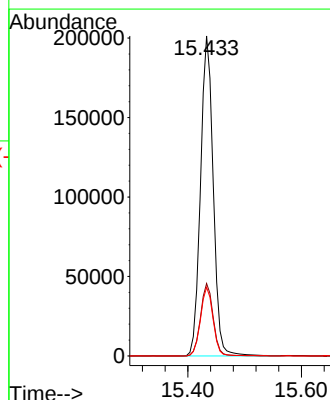
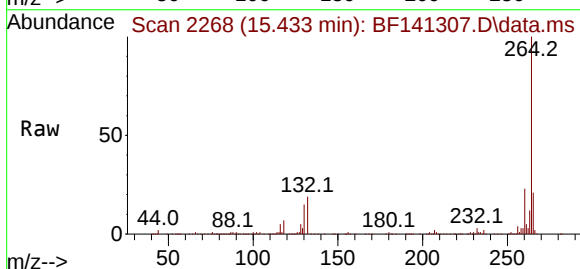
Tgt Ion:264 Resp: 313121

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

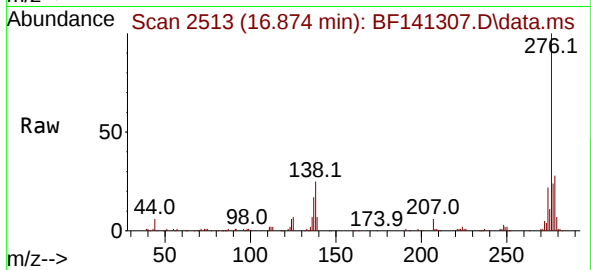
265 21.4 16.7 25.1



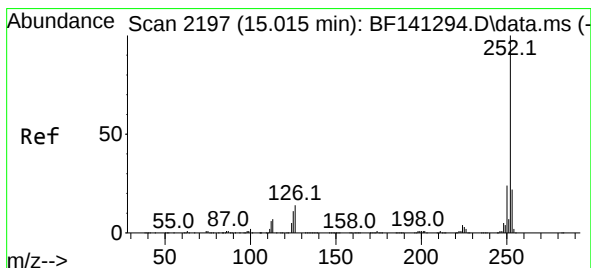
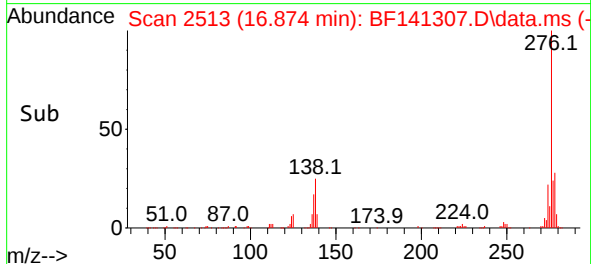
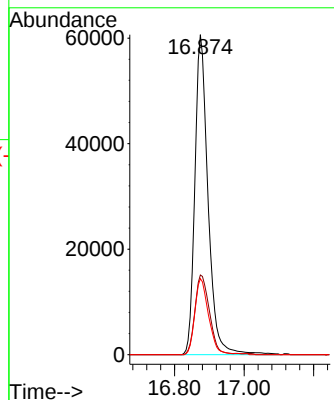


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.890 ng
 RT: 16.874 min Scan# 2113
 Delta R.T. -0.024 min
 Lab File: BF141307.D
 Acq: 30 Jan 2025 12:21

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

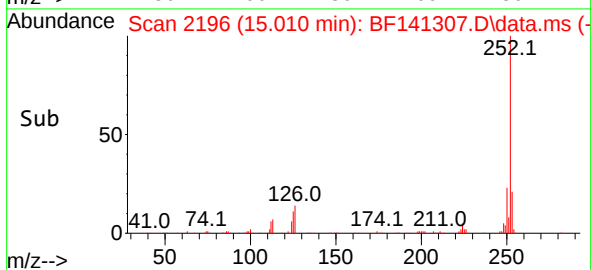
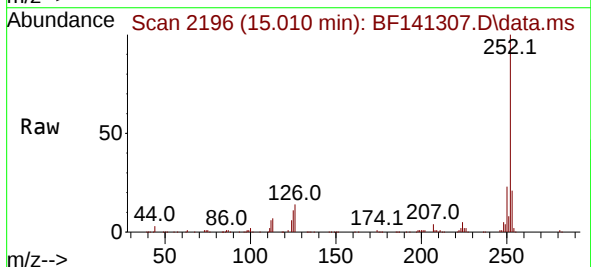
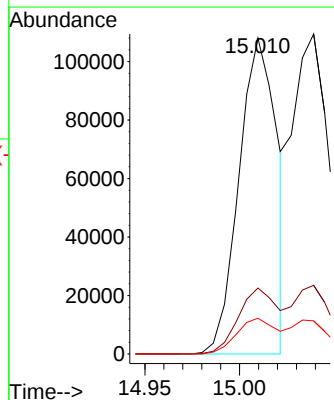


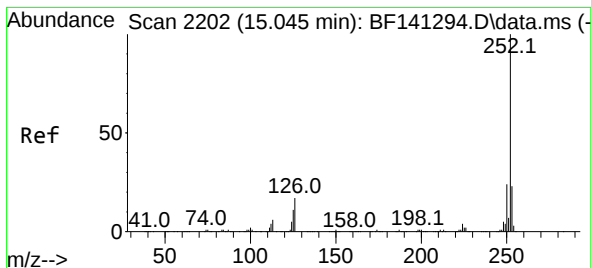
Tgt Ion:276 Resp: 159450
 Ion Ratio Lower Upper
 276 100
 138 27.4 21.7 32.5
 277 24.6 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 7.663 ng
 RT: 15.010 min Scan# 2196
 Delta R.T. -0.012 min
 Lab File: BF141307.D
 Acq: 30 Jan 2025 12:21

Tgt Ion:252 Resp: 150941
 Ion Ratio Lower Upper
 252 100
 253 20.9 17.4 26.2
 125 11.3 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 9.070 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

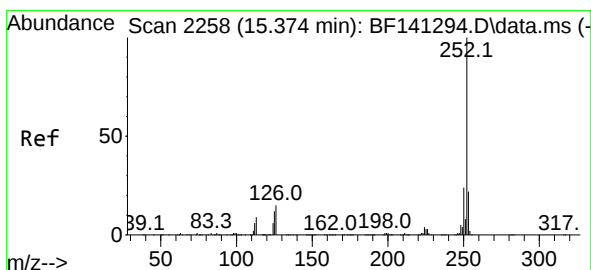
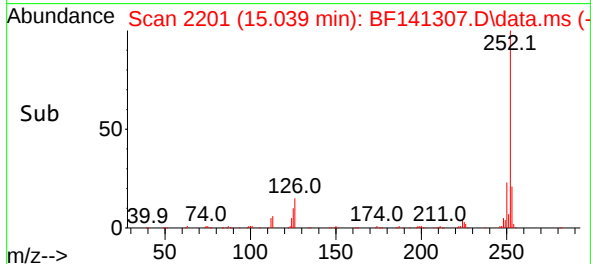
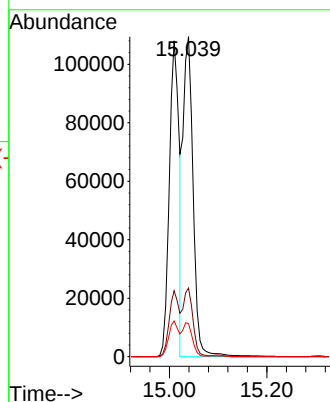
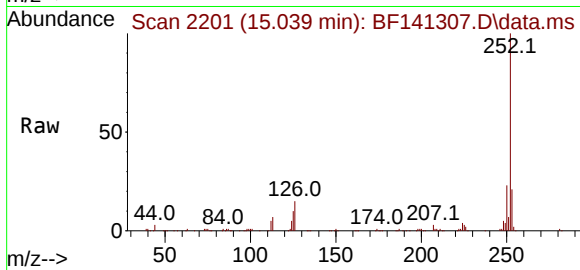
Tgt Ion:252 Resp: 158253

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 10.3 8.4 12.6



#90

Benzo(a)pyrene

Concen: 8.836 ng

RT: 15.368 min Scan# 2257

Delta R.T. -0.012 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

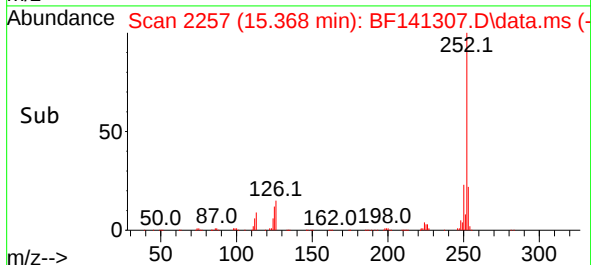
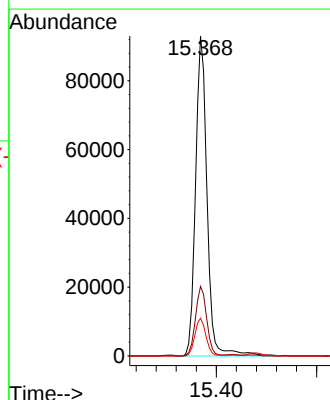
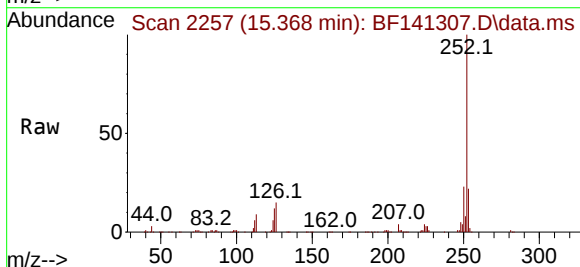
Tgt Ion:252 Resp: 147075

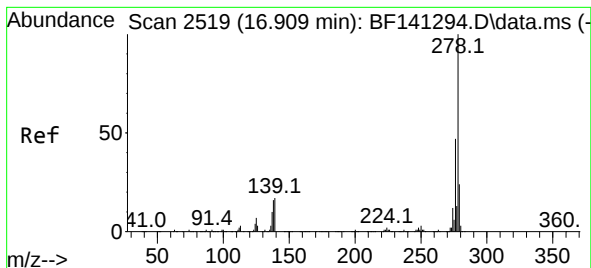
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 11.8 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 7.611 ng

RT: 16.898 min Scan# 2519

Delta R.T. -0.024 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

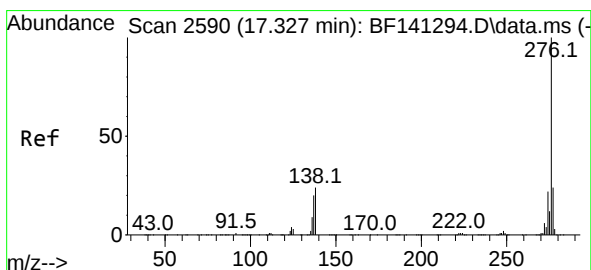
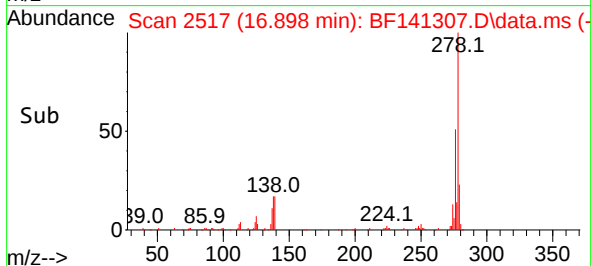
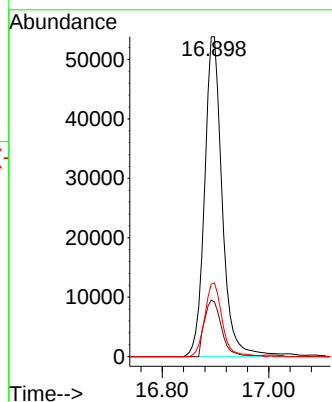
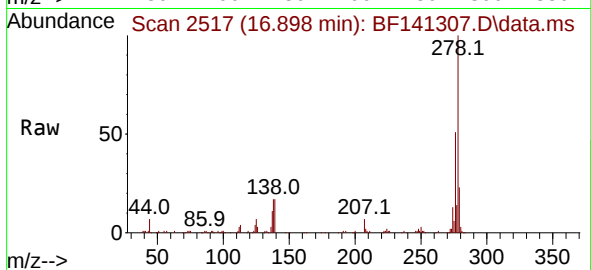
Tgt Ion:278 Resp: 123752

Ion Ratio Lower Upper

278 100

139 17.1 13.9 20.9

279 23.1 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 7.307 ng

RT: 17.309 min Scan# 2587

Delta R.T. -0.035 min

Lab File: BF141307.D

Acq: 30 Jan 2025 12:21

Tgt Ion:276 Resp: 123543

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 23.2 19.0 28.4

