

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
 Data File : BF141128.D
 Acq On : 13 Jan 2025 16:10
 Operator : RC/JU
 Sample : P1187-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Jan 13 16:41:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	159314	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	636657	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	350991	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	615290	20.000	ng	0.00
76) Chrysene-d12	13.986	240	378621	20.000	ng	0.00
86) Perylene-d12	15.445	264	330132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	897387	87.016	ng	0.00
7) Phenol-d6	6.440	99	1144156	87.584	ng	0.00
23) Nitrobenzene-d5	7.381	82	766802	63.844	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	370561	92.656	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1441986	62.736	ng	0.00
79) Terphenyl-d14	12.933	244	1497270	58.776	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	35378	7.703	ng	99
3) Pyridine	3.299	79	81752	7.259	ng	97
4) n-Nitrosodimethylamine	3.210	42	42745	7.762	ng	97
6) Aniline	6.481	93	114034	9.832	ng	99
8) 2-Chlorophenol	6.604	128	91811	8.298	ng	100
9) Benzaldehyde	6.369	77	74795	9.721	ng	99
10) Phenol	6.457	94	112682	8.058	ng	92
11) bis(2-Chloroethyl)ether	6.551	93	87149	8.362	ng	97
12) 1,3-Dichlorobenzene	6.757	146	100728	8.162	ng	98
13) 1,4-Dichlorobenzene	6.840	146	101811	8.187	ng	100
14) 1,2-Dichlorobenzene	6.993	146	95382	8.223	ng	99
15) Benzyl Alcohol	6.957	79	84265	8.932	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.093	45	121973	8.387	ng	98
17) 2-Methylphenol	7.063	107	71909	8.050	ng	99
18) Hexachloroethane	7.334	117	36103	8.028	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	64559	8.389	ng	99
20) 3+4-Methylphenols	7.216	107	89687	7.958	ng	# 82
22) Acetophenone	7.222	105	135432	8.948	ng	98
24) Nitrobenzene	7.398	77	97869	7.819	ng	99
25) Isophorone	7.634	82	172513	8.405	ng	100
26) 2-Nitrophenol	7.716	139	44021	7.731	ng	96
27) 2,4-Dimethylphenol	7.745	122	40136	5.226	ng	95
28) bis(2-Chloroethoxy)met...	7.851	93	106333	8.255	ng	99
29) 2,4-Dichlorophenol	7.951	162	74373	8.153	ng	97
30) 1,2,4-Trichlorobenzene	8.040	180	84437	8.098	ng	99
31) Naphthalene	8.122	128	275263	8.199	ng	99
32) Benzoic acid	7.822	122	85283	11.575	ng	99
33) 4-Chloroaniline	8.169	127	104315	8.984	ng	98
34) Hexachlorobutadiene	8.240	225	49045	7.807	ng	100
35) Caprolactam	8.504	113	23157	7.754	ng	99
36) 4-Chloro-3-methylphenol	8.640	107	83300	8.350	ng	99
37) 2-Methylnaphthalene	8.816	142	176685	8.258	ng	98
38) 1-Methylnaphthalene	8.910	142	165625	7.855	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	83364	8.275	ng	98
41) Hexachlorocyclopentadiene	8.969	237	42010	12.746	ng	98
43) 2,4,6-Trichlorophenol	9.087	196	51178	7.532	ng	100

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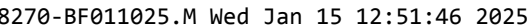
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

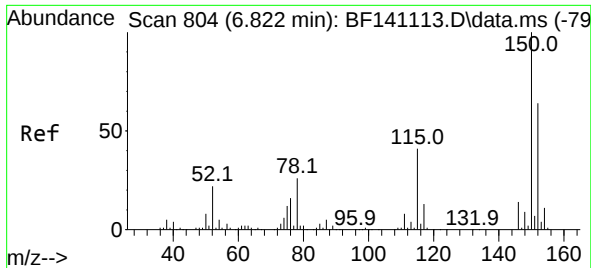
Quant Time: Jan 13 16:41:44 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	56310	7.847	ng	99
46) 1,1'-Biphenyl	9.281	154	233399	8.563	ng	99
47) 2-Chloronaphthalene	9.304	162	168597	7.941	ng	98
48) 2-Nitroaniline	9.392	65	47878	7.608	ng	97
49) Acenaphthylene	9.716	152	262408	8.651	ng	100
50) Dimethylphthalate	9.575	163	192433	8.167	ng	99
51) 2,6-Dinitrotoluene	9.634	165	41536	7.580	ng	94
52) Acenaphthene	9.886	154	175885	8.300	ng	98
53) 3-Nitroaniline	9.804	138	44272	7.951	ng	96
54) 2,4-Dinitrophenol	9.910	184	23083	8.863	ng	87
55) Dibenzofuran	10.063	168	242018	8.396	ng	99
56) 4-Nitrophenol	9.951	139	33106	7.591	ng	98
57) 2,4-Dinitrotoluene	10.034	165	54061	7.656	ng	96
58) Fluorene	10.404	166	189427	8.459	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	48528	8.136	ng	99
60) Diethylphthalate	10.275	149	190943	8.300	ng	98
61) 4-Chlorophenyl-phenyle...	10.398	204	91523	8.385	ng	97
62) 4-Nitroaniline	10.410	138	41353	7.588	ng	100
63) Azobenzene	10.557	77	188593	8.309	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	38199	10.714	ng	96
66) n-Nitrosodiphenylamine	10.516	169	160731	8.099	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	56959	8.041	ng	97
68) Hexachlorobenzene	10.951	284	62750	7.958	ng	99
69) Atrazine	11.039	200	53320	9.978	ng	99
70) Pentachlorophenol	11.145	266	35789	7.087	ng	97
71) Phenanthrene	11.369	178	278028	8.417	ng	99
72) Anthracene	11.416	178	258395	8.045	ng	100
73) Carbazole	11.569	167	241156	8.188	ng	99
74) Di-n-butylphthalate	11.910	149	281965	8.366	ng	99
75) Fluoranthene	12.557	202	271412	8.234	ng	98
77) Benzidine	12.680	184	72629	10.344	ng	97
78) Pyrene	12.780	202	283779	7.847	ng	99
80) Butylbenzylphthalate	13.410	149	93853	7.784	ng	98
81) Benzo(a)anthracene	13.974	228	207858	8.067	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	61872	7.541	ng	97
83) Chrysene	14.010	228	186660	7.742	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	119063	8.230	ng	100
85) Di-n-octyl phthalate	14.592	149	157463	7.208	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	183025	7.567	ng	98
88) Benzo(b)fluoranthene	15.021	252	170866	8.026	ng	98
89) Benzo(k)fluoranthene	15.045	252	151717	8.433	ng	98
90) Benzo(a)pyrene	15.380	252	144255	8.213	ng	99
91) Dibenzo(a,h)anthracene	16.910	278	146496	7.489	ng	98
92) Benzo(g,h,i)perylene	17.327	276	142898	7.023	ng	98

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

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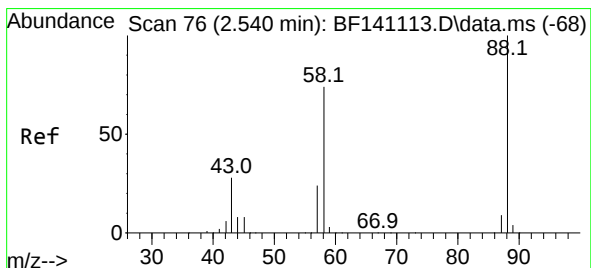
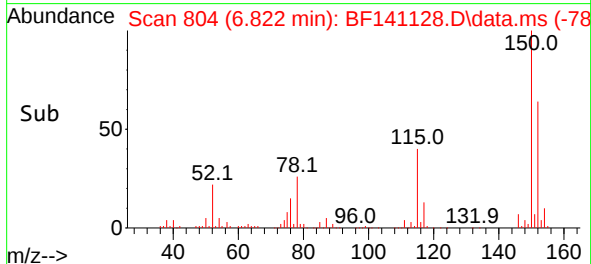
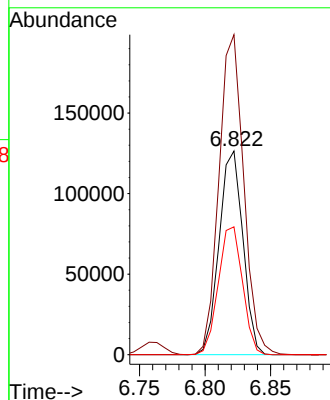
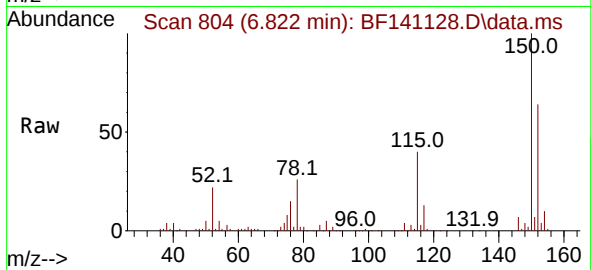




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF141128.D
 Acq: 13 Jan 2025 16:10

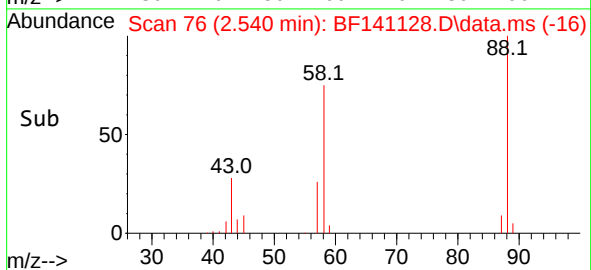
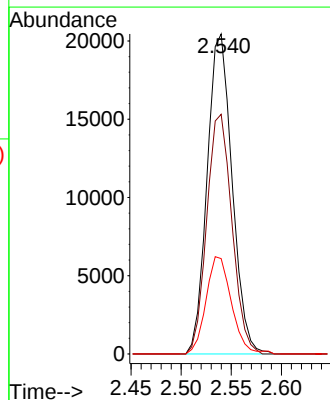
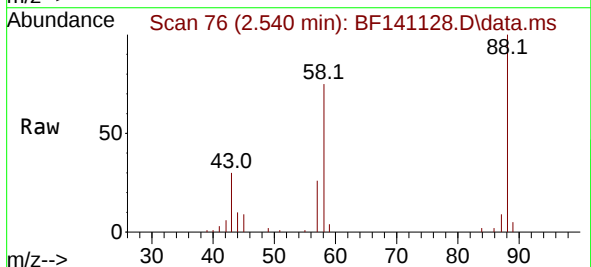
Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT1-2024

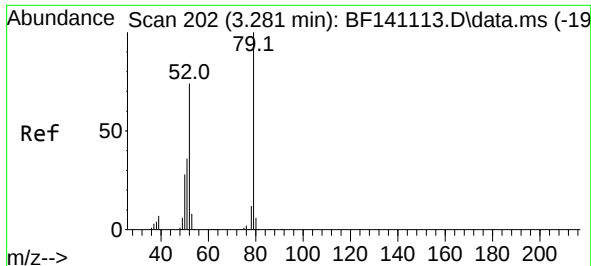
Tgt Ion:152 Resp: 159314
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.8 188.8
 115 62.7 51.4 77.2



#2
 1,4-Dioxane
 Concen: 7.703 ng
 RT: 2.540 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: BF141128.D
 Acq: 13 Jan 2025 16:10

Tgt Ion: 88 Resp: 35378
 Ion Ratio Lower Upper
 88 100
 58 75.4 60.1 90.1
 43 31.0 23.1 34.7





#3

Pyridine

Concen: 7.259 ng

RT: 3.299 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

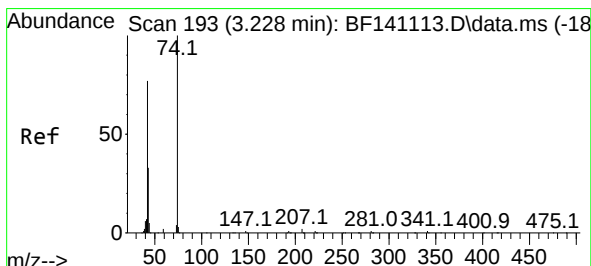
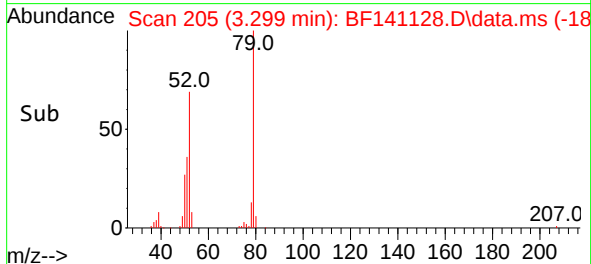
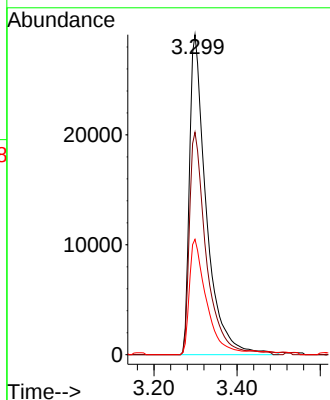
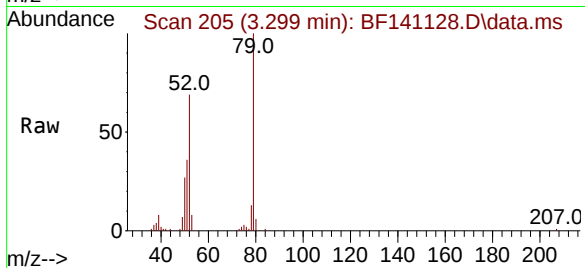
Tgt Ion: 79 Resp: 81752

Ion Ratio Lower Upper

79 100

52 69.5 58.9 88.3

51 36.1 29.1 43.7



#4

n-Nitrosodimethylamine

Concen: 7.762 ng

RT: 3.210 min Scan# 190

Delta R.T. -0.018 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

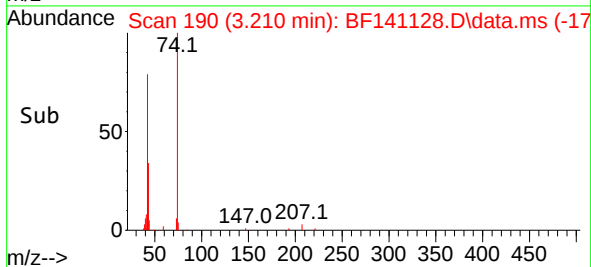
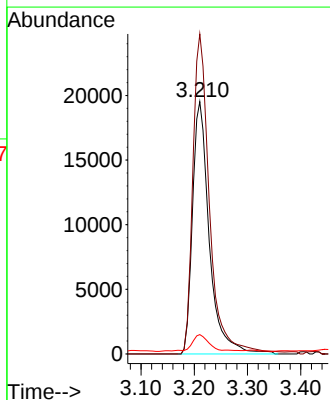
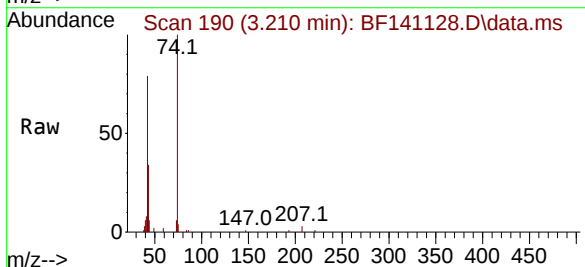
Tgt Ion: 42 Resp: 42745

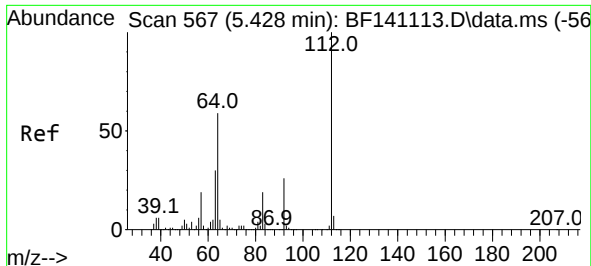
Ion Ratio Lower Upper

42 100

74 126.8 103.8 155.6

44 7.7 5.3 7.9

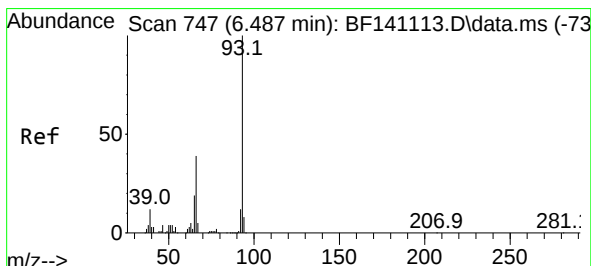
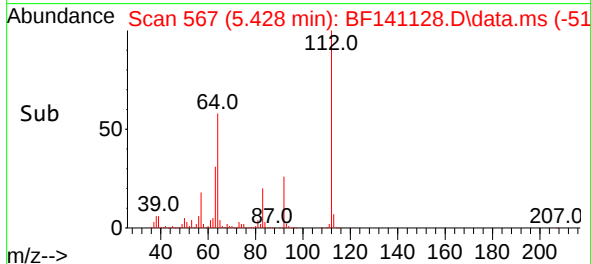
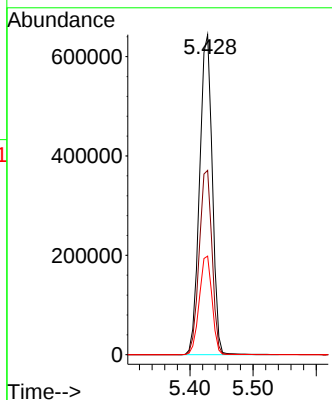
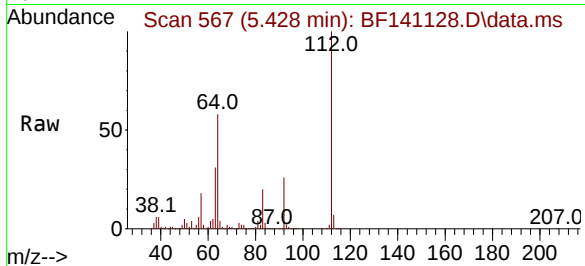




#5
2-Fluorophenol
Concen: 87.016 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

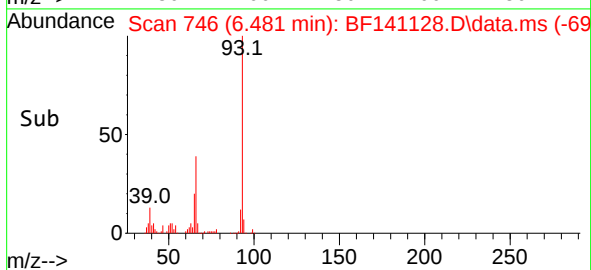
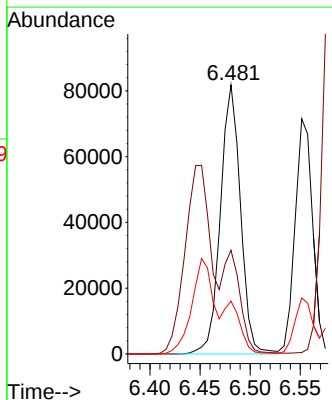
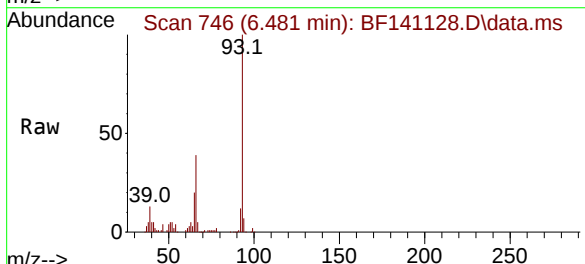
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

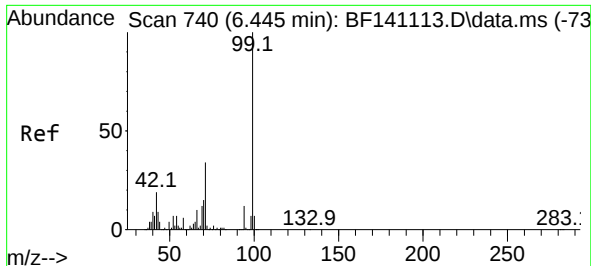
Tgt Ion:112 Resp: 897387
Ion Ratio Lower Upper
112 100
64 57.6 47.3 70.9
63 30.8 24.2 36.2



#6
Aniline
Concen: 9.832 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion: 93 Resp: 114034
Ion Ratio Lower Upper
93 100
66 38.6 31.5 47.3
65 19.7 15.3 22.9





#7

Phenol-d6

Concen: 87.584 ng

RT: 6.440 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

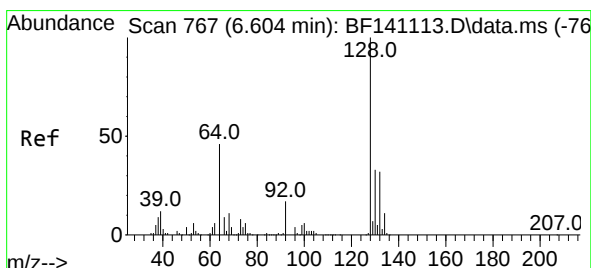
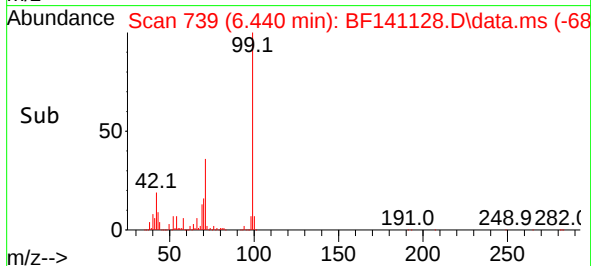
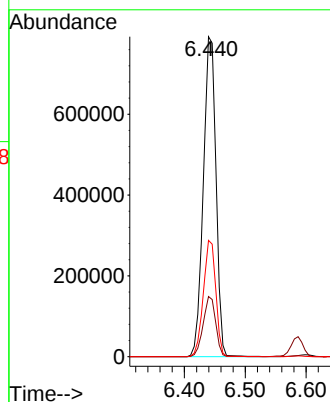
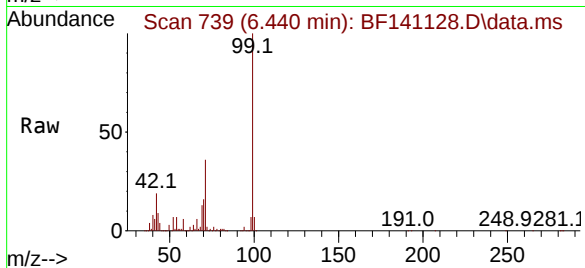
Tgt Ion: 99 Resp: 1144156

Ion Ratio Lower Upper

99 100

42 18.8 15.0 22.4

71 36.4 27.6 41.4



#8

2-Chlorophenol

Concen: 8.298 ng

RT: 6.604 min Scan# 767

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

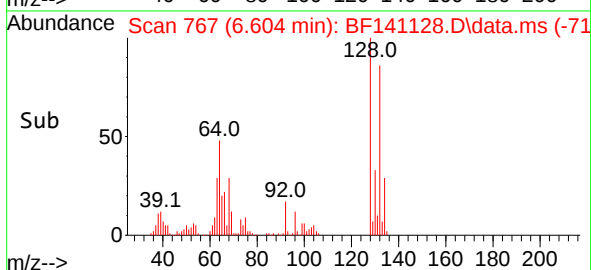
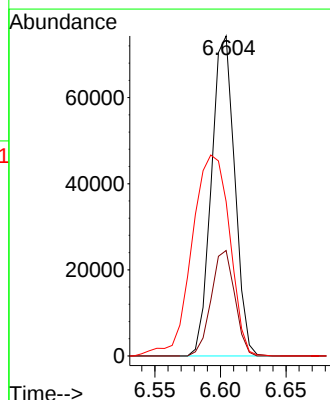
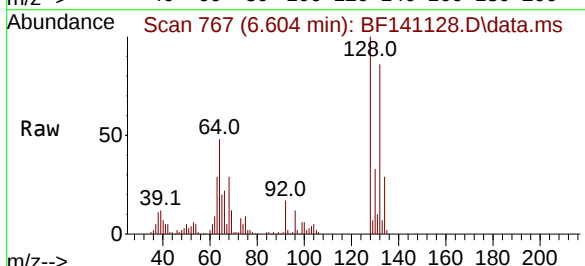
Tgt Ion: 128 Resp: 91811

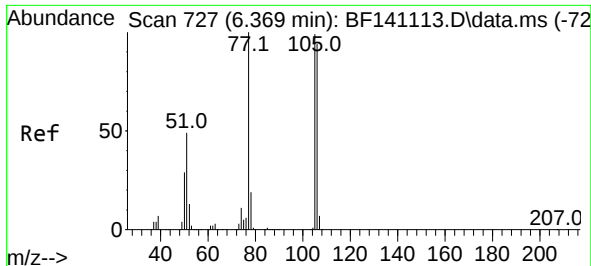
Ion Ratio Lower Upper

128 100

130 33.0 12.5 52.5

64 48.3 28.3 68.3





#9

Benzaldehyde

Concen: 9.721 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

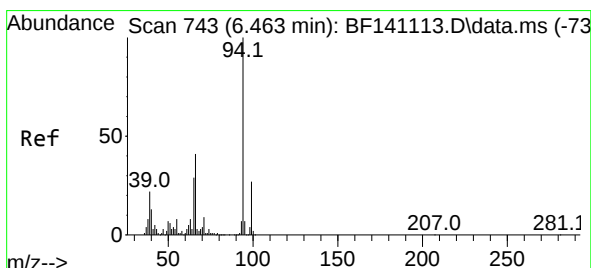
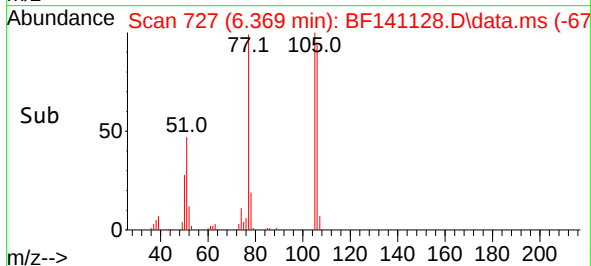
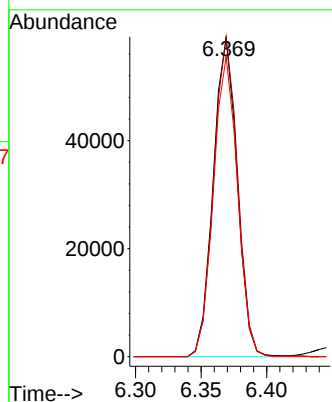
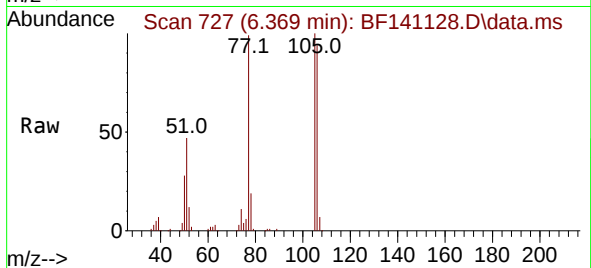
Tgt Ion: 77 Resp: 74795

Ion Ratio Lower Upper

77 100

105 100.6 78.9 118.9

106 94.3 73.6 113.6



#10

Phenol

Concen: 8.058 ng

RT: 6.457 min Scan# 742

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

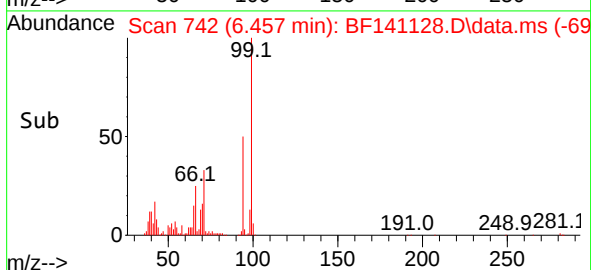
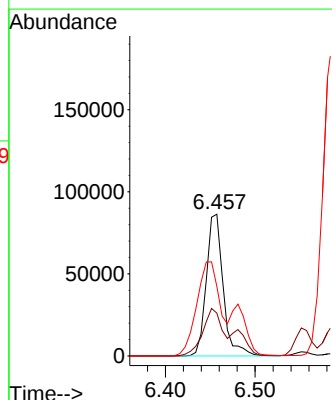
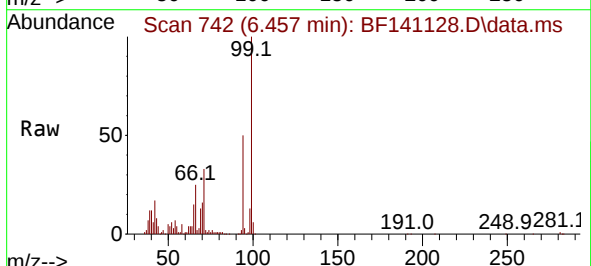
Tgt Ion: 94 Resp: 112682

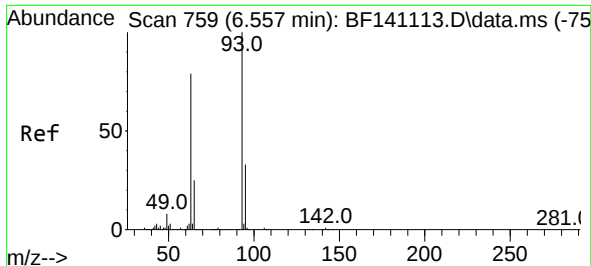
Ion Ratio Lower Upper

94 100

65 30.3 8.9 48.9

66 49.1 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 8.362 ng

RT: 6.551 min Scan# 714

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

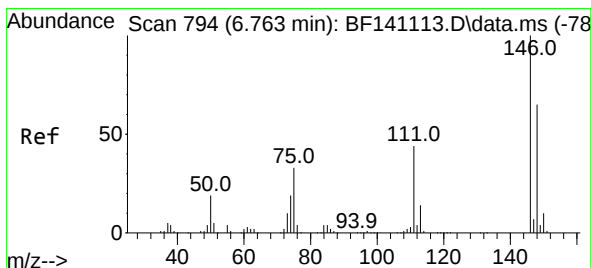
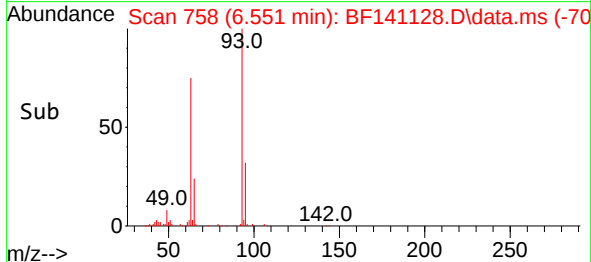
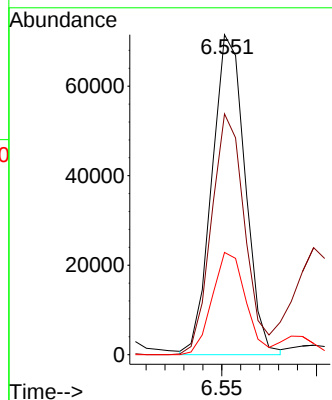
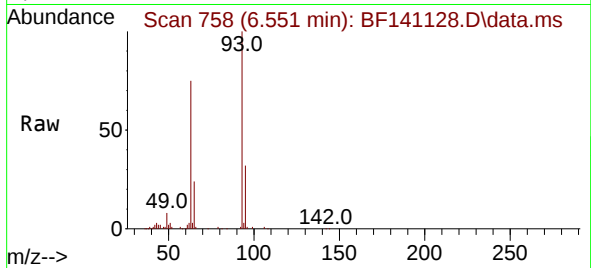
Tgt Ion: 93 Resp: 87149

Ion Ratio Lower Upper

93 100

63 75.2 58.0 98.0

95 31.9 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 8.162 ng

RT: 6.757 min Scan# 793

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

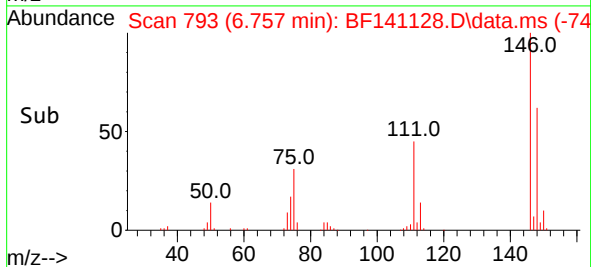
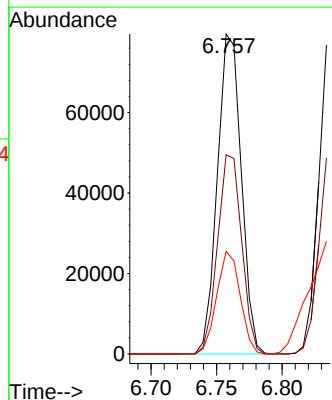
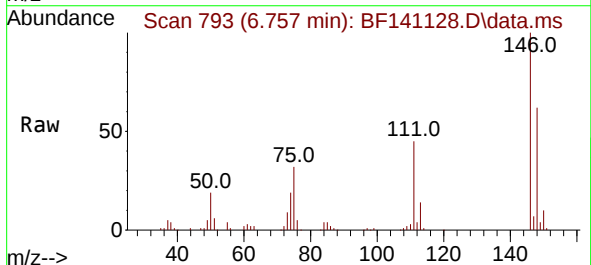
Tgt Ion:146 Resp: 100728

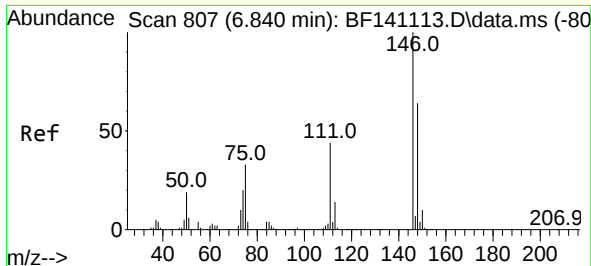
Ion Ratio Lower Upper

146 100

148 62.3 51.6 77.4

75 32.0 26.2 39.2





#13

1,4-Dichlorobenzene

Concen: 8.187 ng

RT: 6.840 min Scan# 807

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

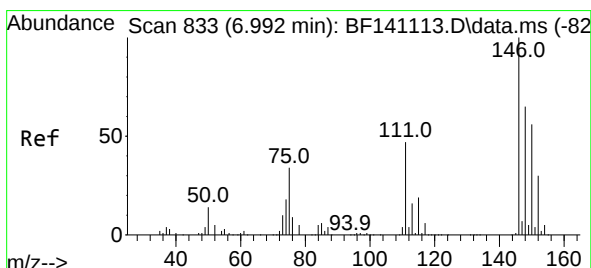
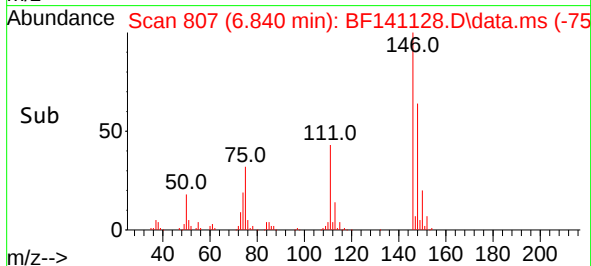
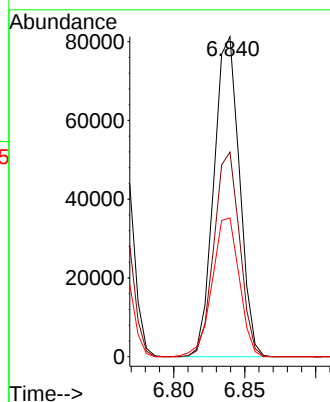
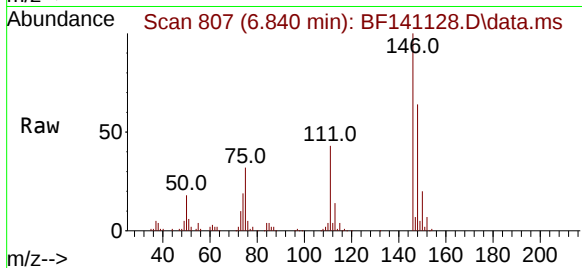
Tgt Ion:146 Resp: 101811

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

111 43.4 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 8.223 ng

RT: 6.993 min Scan# 833

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

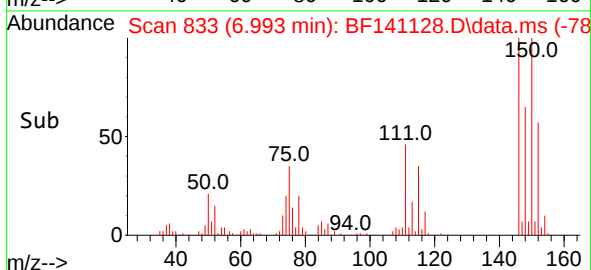
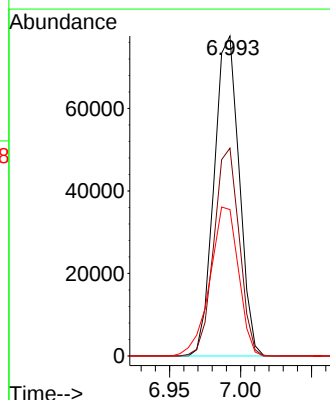
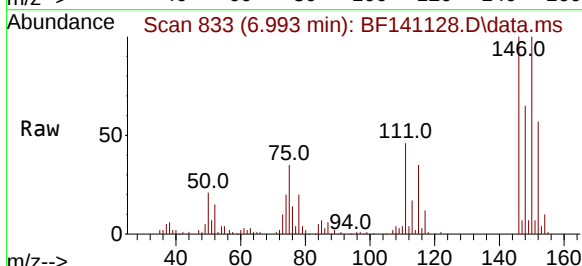
Tgt Ion:146 Resp: 95382

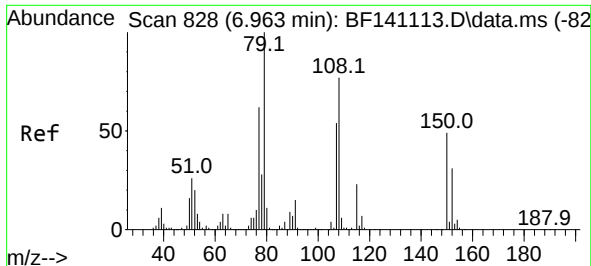
Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.4

111 45.8 37.5 56.3

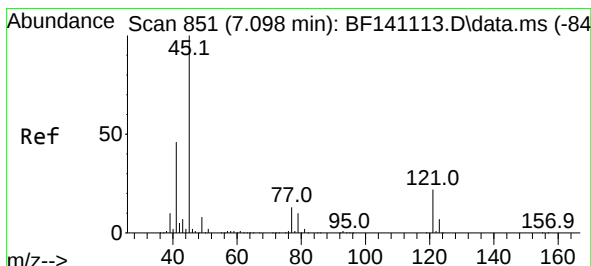
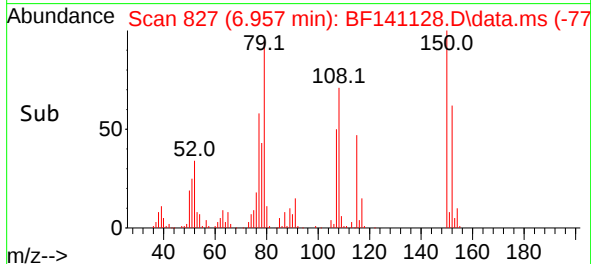
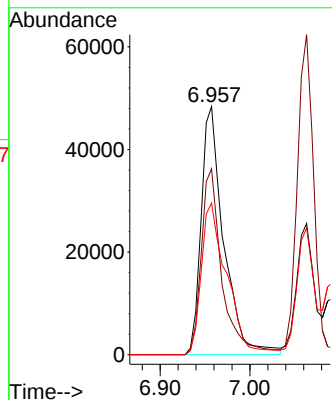
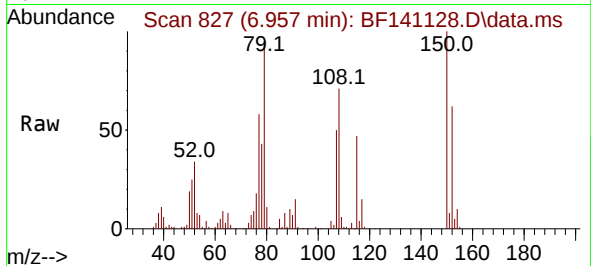




#15
Benzyl Alcohol
Concen: 8.932 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

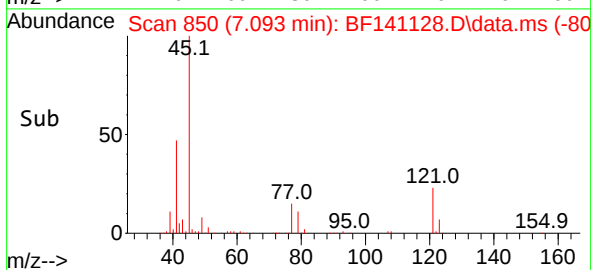
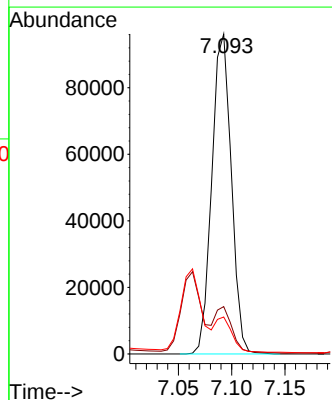
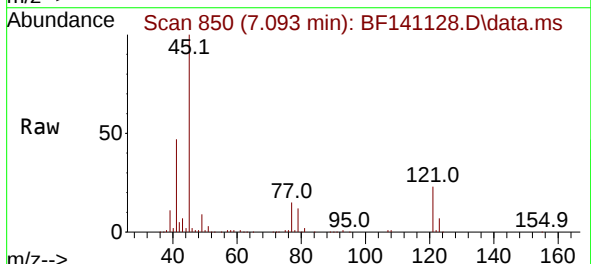
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

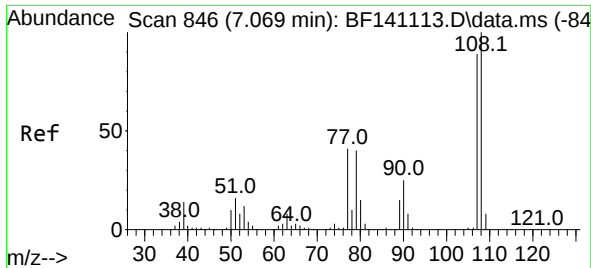
Tgt Ion: 79	Resp: 84265
Ion Ratio	Lower Upper
79	100
108	74.9 61.4 92.0
77	61.0 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 8.387 ng
RT: 7.093 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion: 45	Resp: 121973
Ion Ratio	Lower Upper
45	100
77	14.8 0.0 34.1
79	11.5 0.0 31.0

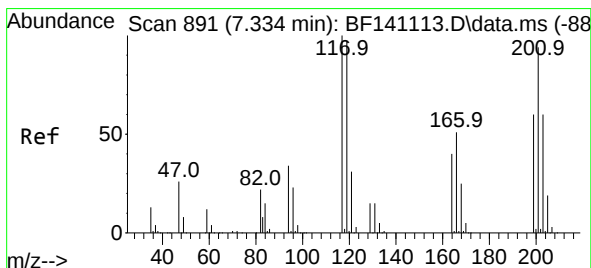
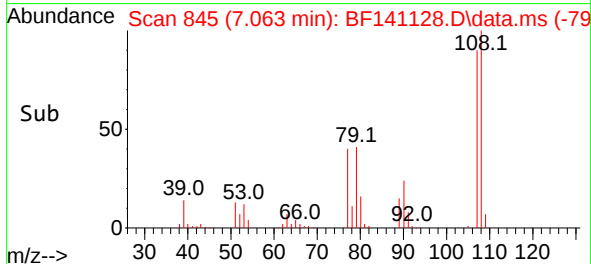
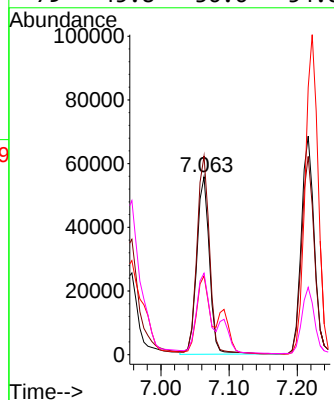
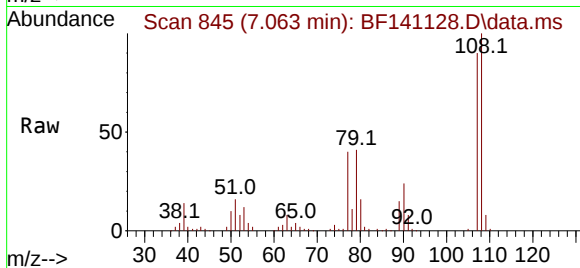




#17
2-Methylphenol
Concen: 8.050 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

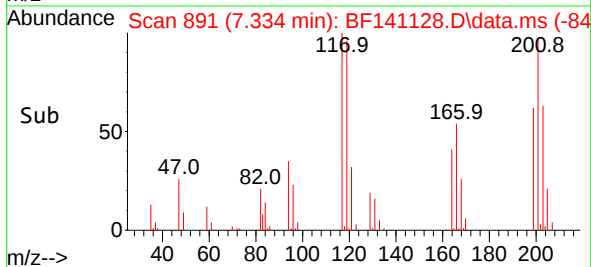
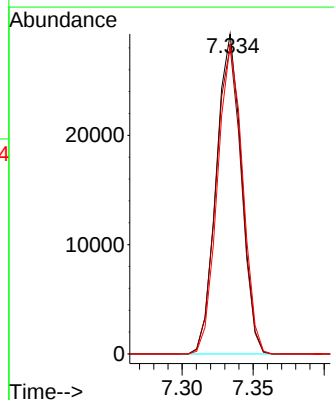
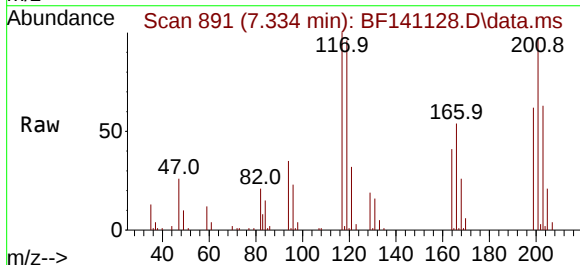
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT1-2024

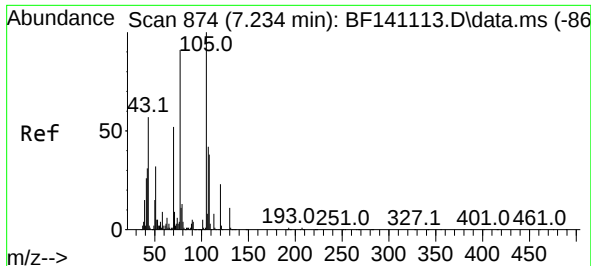
Tgt Ion:	107	Resp:	71909
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.1	135.1
77	44.3	36.6	55.0
79	45.8	36.6	54.8



#18
Hexachloroethane
Concen: 8.028 ng
RT: 7.334 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:	117	Resp:	36103
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.6	116.4
201	96.7	75.1	112.7

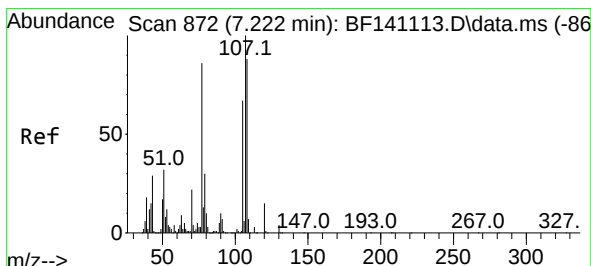
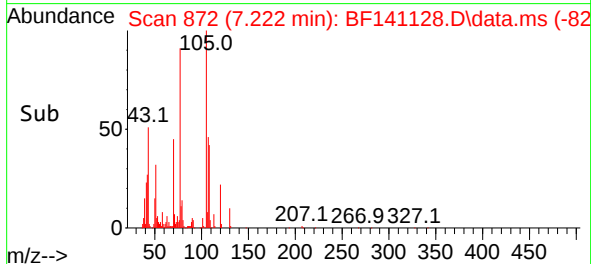
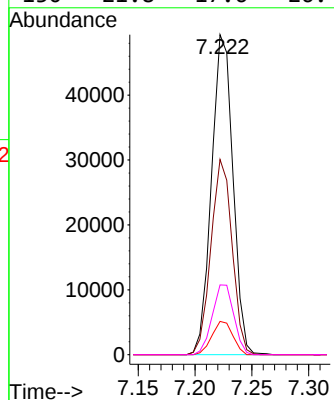
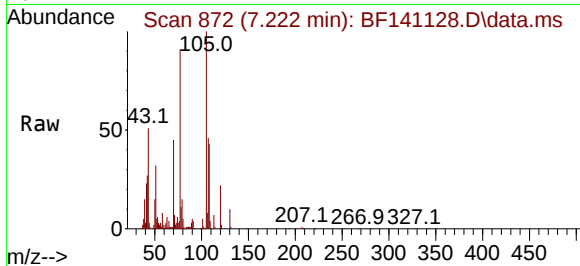




#19
n-Nitroso-di-n-propylamine
Concen: 8.389 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

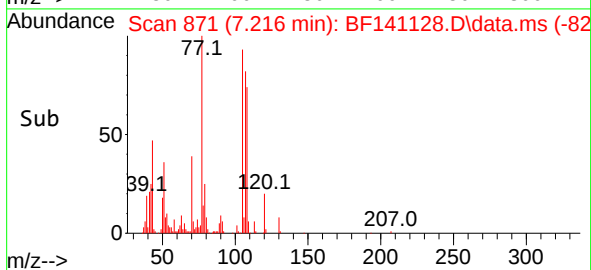
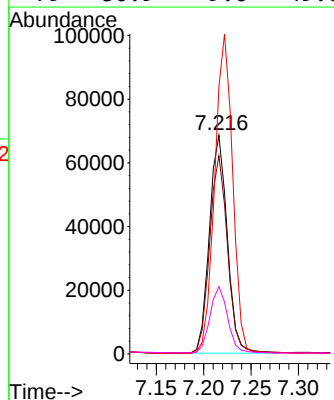
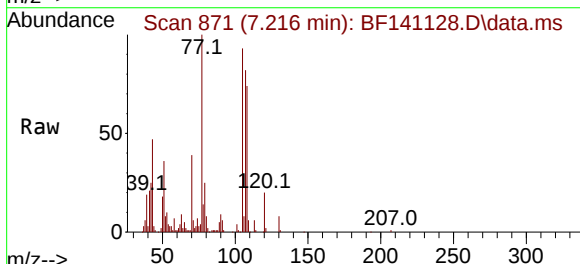
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

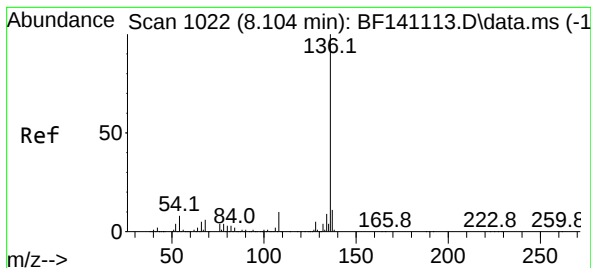
Tgt Ion:	70	Resp:	64559
Ion	Ratio	Lower	Upper
70	100		
42	61.0	47.8	71.6
101	10.4	7.9	11.9
130	21.8	17.6	26.4



#20
3+4-Methylphenols
Concen: 7.958 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:	107	Resp:	89687
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.3	108.3
77	122.3	66.4	106.4#
79	30.9	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141128.D

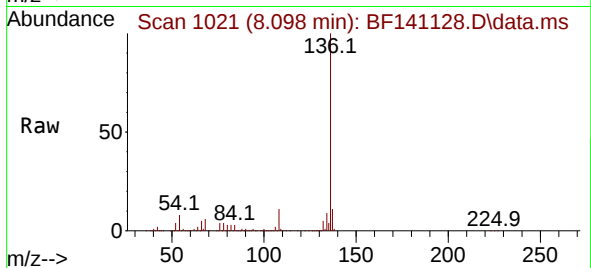
Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion:136 Resp: 636657

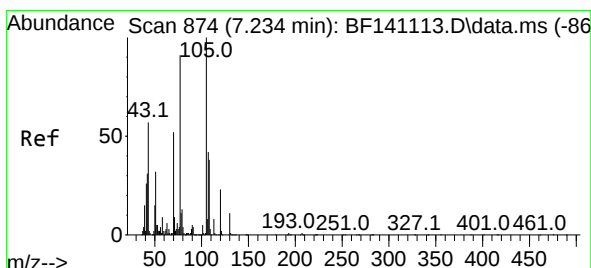
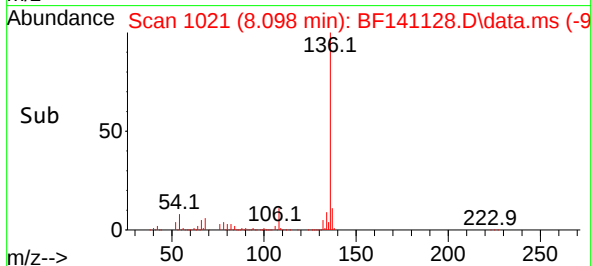
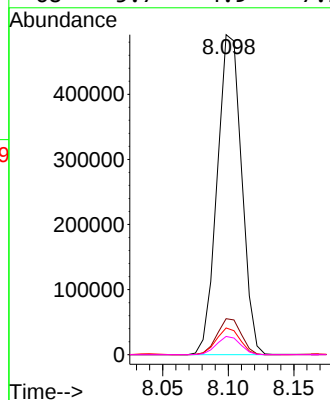
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.3 6.3 9.5

68 5.7 4.9 7.3



#22

Acetophenone

Concen: 8.948 ng

RT: 7.222 min Scan# 872

Delta R.T. -0.012 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Tgt Ion:105 Resp: 135432

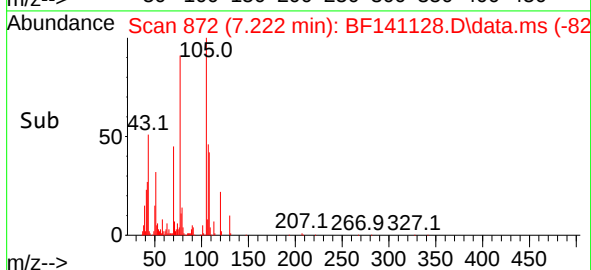
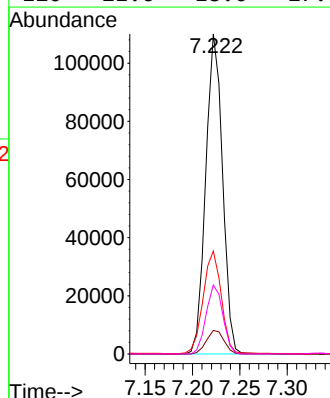
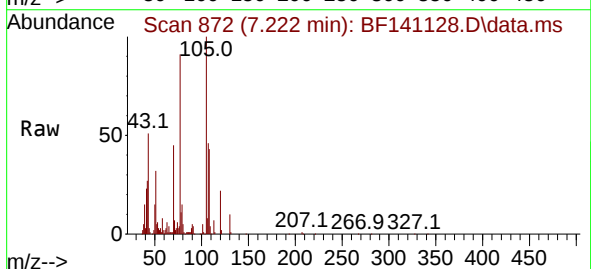
Ion Ratio Lower Upper

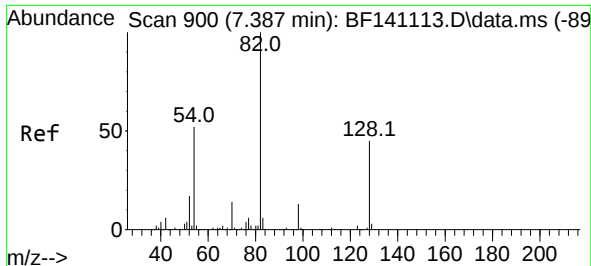
105 100

71 7.4 7.1 10.7

51 32.1 25.4 38.2

120 21.6 18.0 27.0





#23

Nitrobenzene-d5

Concen: 63.844 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

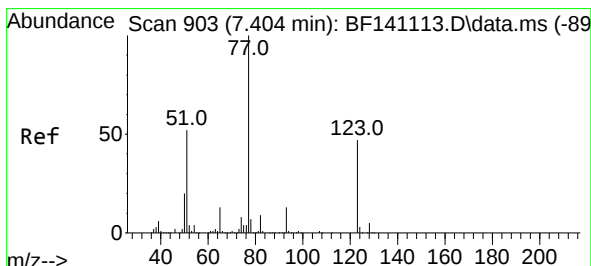
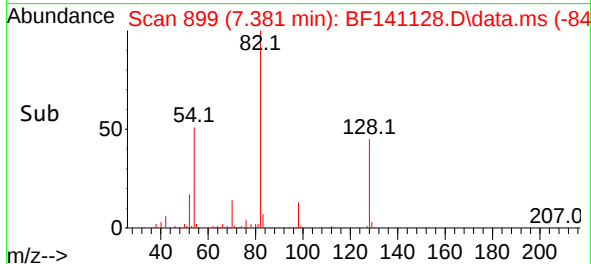
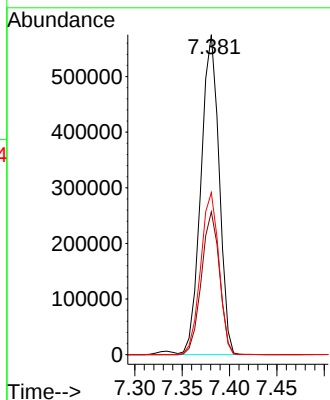
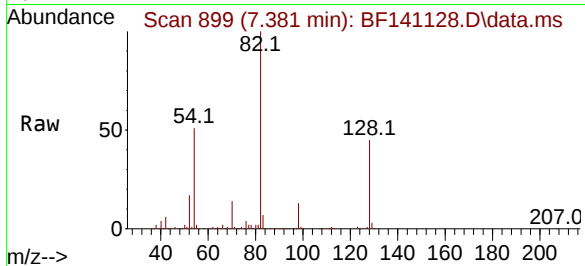
Tgt Ion: 82 Resp: 766802

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

54 50.7 41.0 61.4



#24

Nitrobenzene

Concen: 7.819 ng

RT: 7.398 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

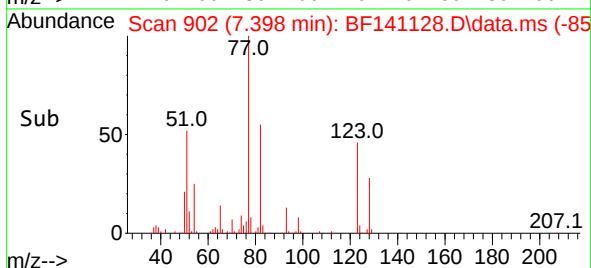
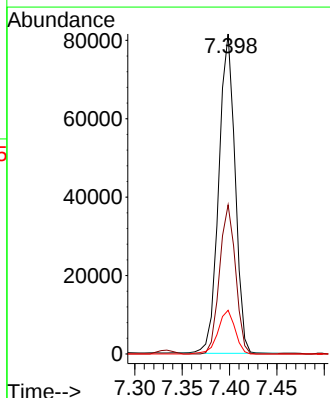
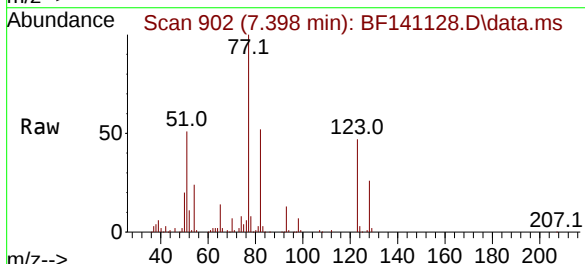
Tgt Ion: 77 Resp: 97869

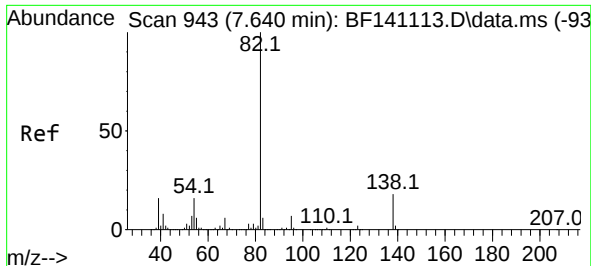
Ion Ratio Lower Upper

77 100

123 46.6 37.7 56.5

65 13.7 10.6 16.0

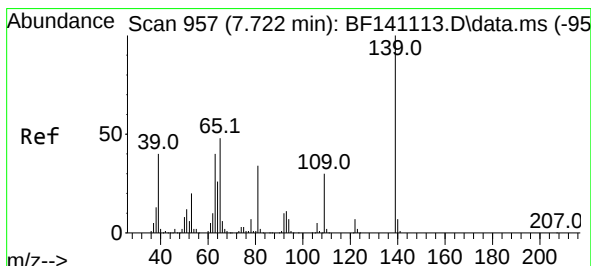
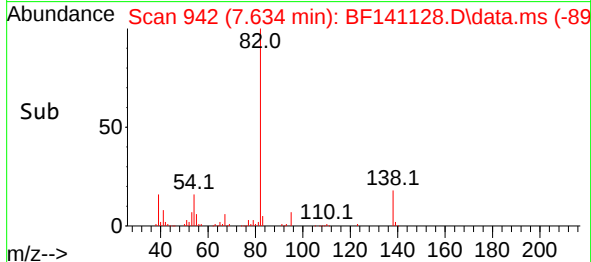
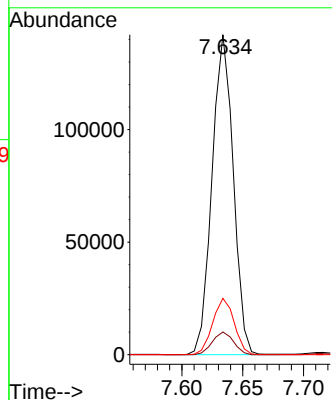
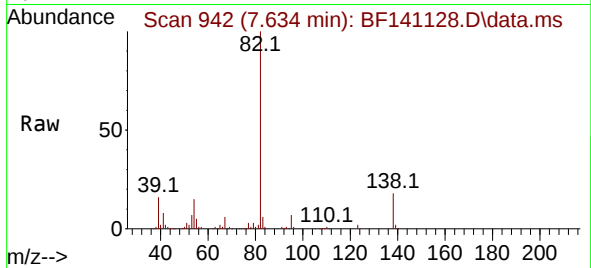




#25
Isophorone
Concen: 8.405 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

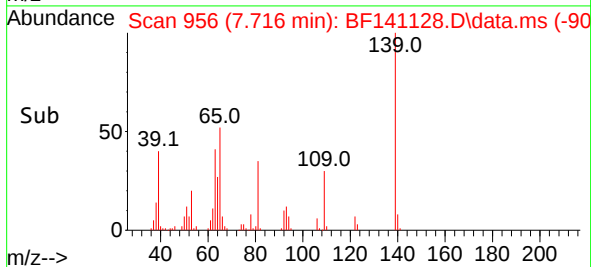
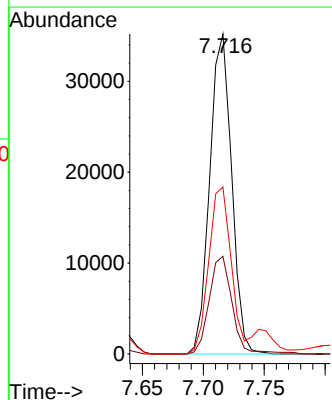
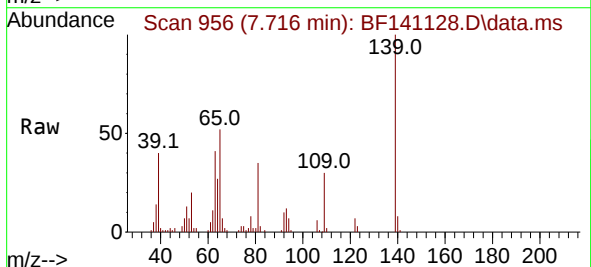
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT1-2024

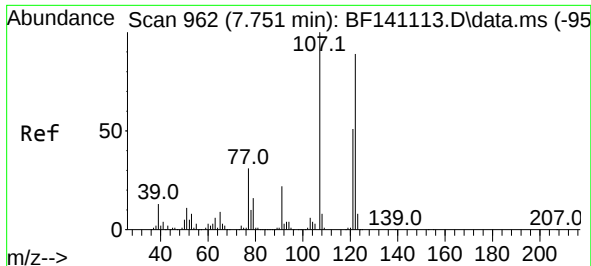
Tgt Ion: 82 Resp: 172513
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 17.6 14.2 21.2



#26
2-Nitrophenol
Concen: 7.731 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:139 Resp: 44021
Ion Ratio Lower Upper
139 100
109 30.5 23.8 35.6
65 52.2 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 5.226 ng

RT: 7.745 min Scan# 9

Delta R.T. -0.006 min

Lab File: BF141128.D

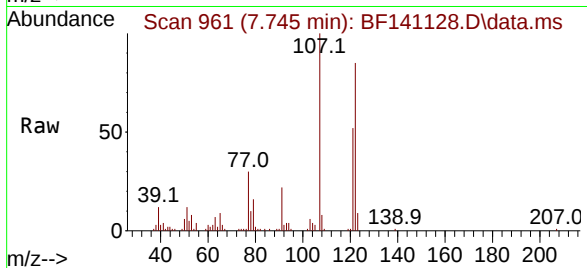
Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024



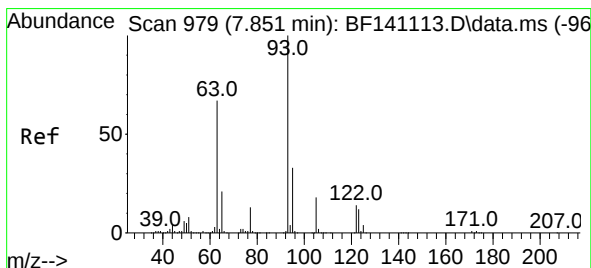
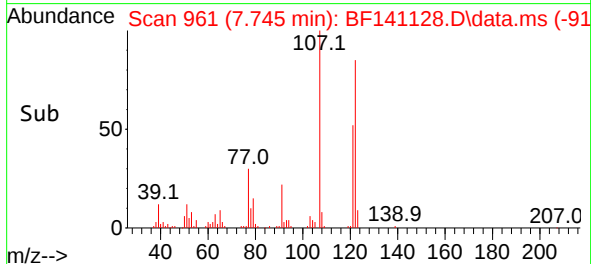
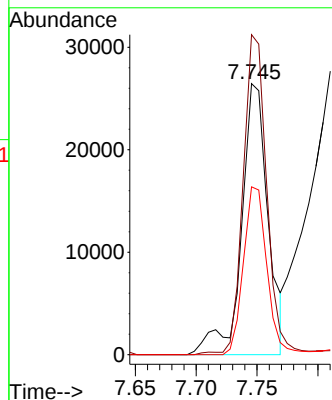
Tgt Ion:122 Resp: 40136

Ion Ratio Lower Upper

122 100

107 118.1 90.3 135.5

121 61.9 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 8.255 ng

RT: 7.851 min Scan# 979

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

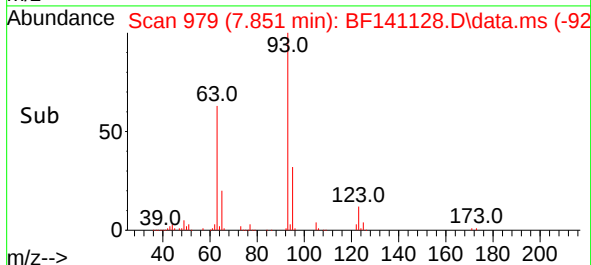
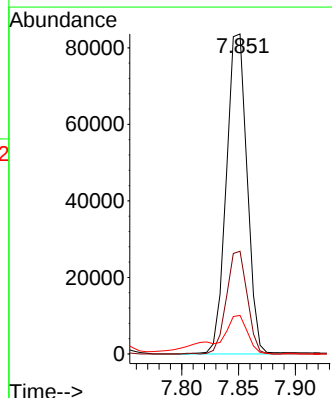
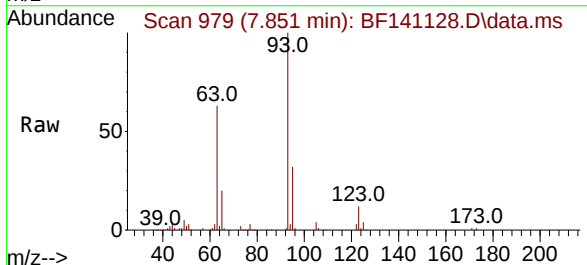
Tgt Ion: 93 Resp: 106333

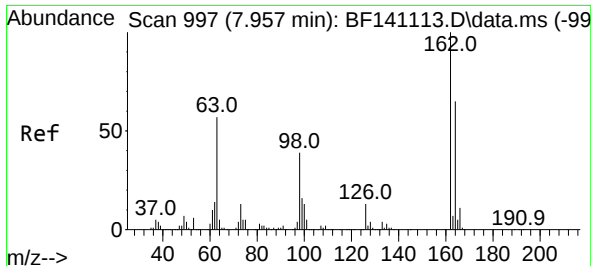
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.4

123 12.0 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 8.153 ng

RT: 7.951 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

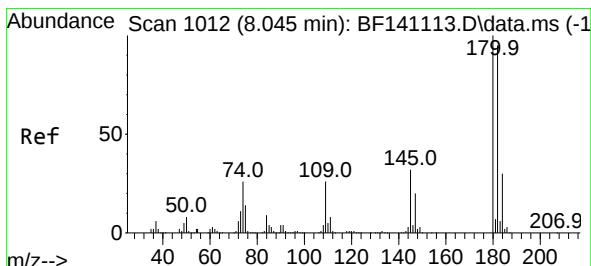
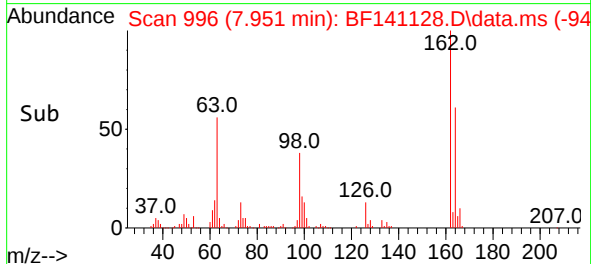
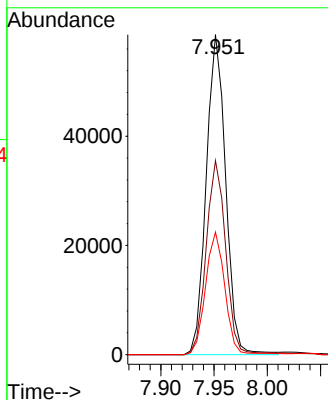
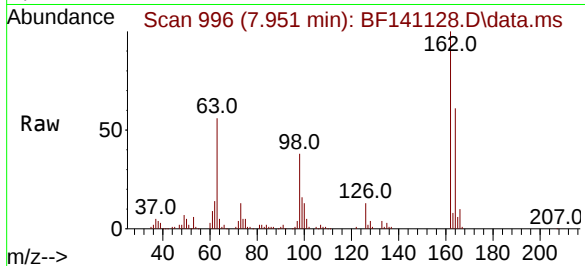
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:162	Resp:	74373
Ion Ratio	Lower	Upper
162	100	
164	60.6	44.5 84.5
98	38.3	18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 8.098 ng

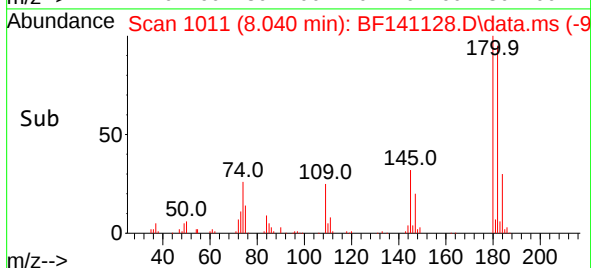
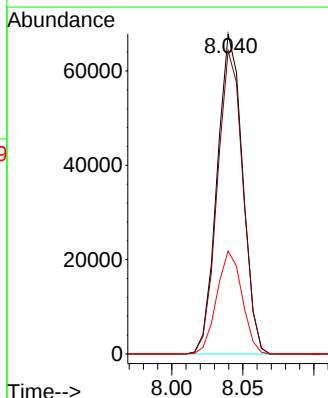
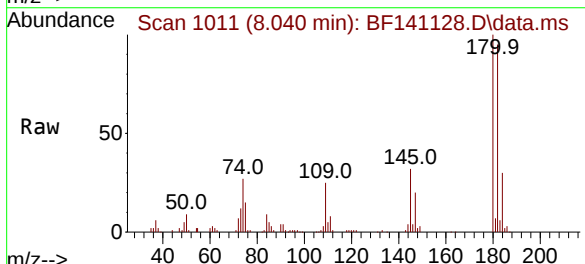
RT: 8.040 min Scan# 1011

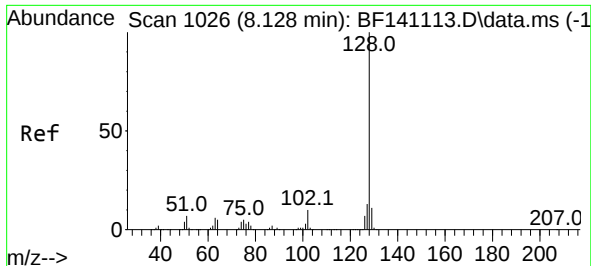
Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Tgt Ion:180	Resp:	84437
Ion Ratio	Lower	Upper
180	100	
182	94.8	76.2 114.2
145	32.2	25.3 37.9

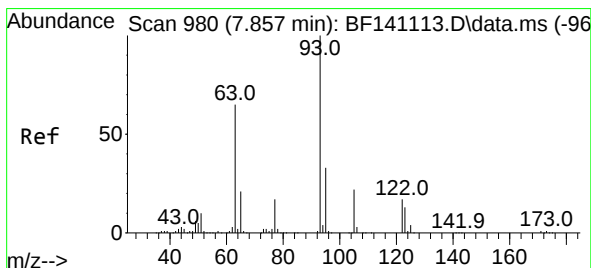
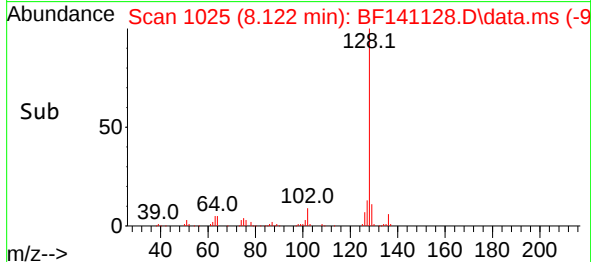
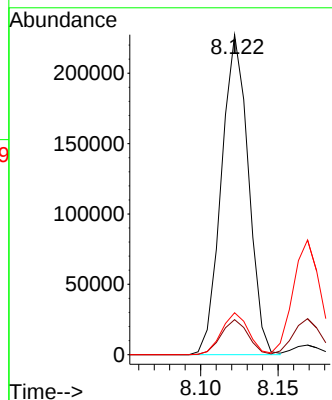
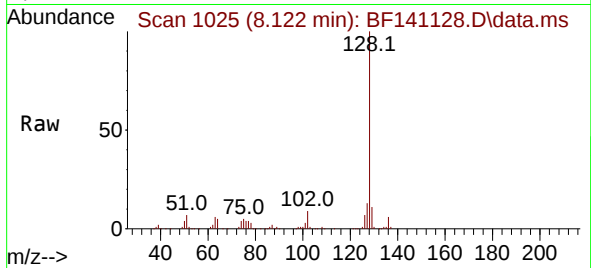




#31
Naphthalene
Concen: 8.199 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

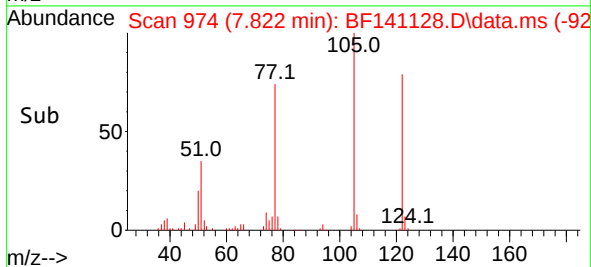
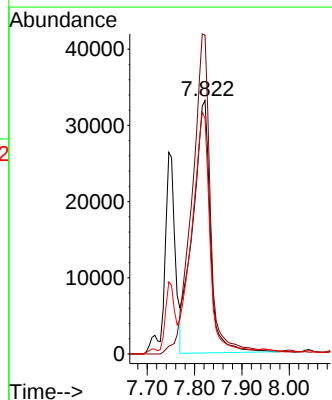
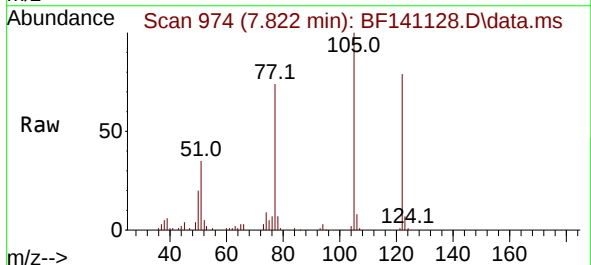
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT1-2024

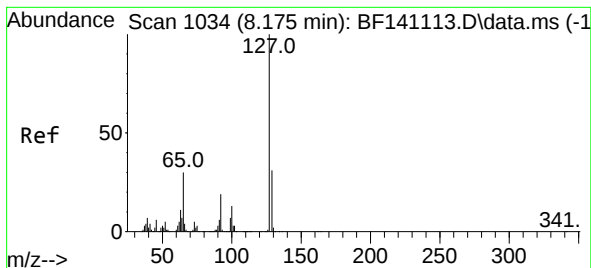
Tgt Ion:128 Resp: 275263
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 11.575 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.035 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:122 Resp: 85283
Ion Ratio Lower Upper
122 100
105 125.9 105.5 145.5
77 93.0 75.1 115.1





#33

4-Chloroaniline

Concen: 8.984 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:127 Resp: 104315

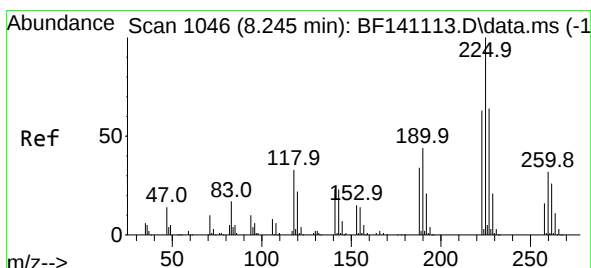
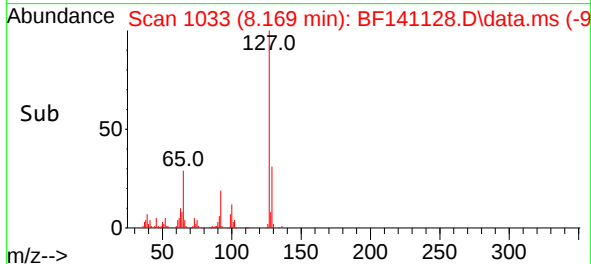
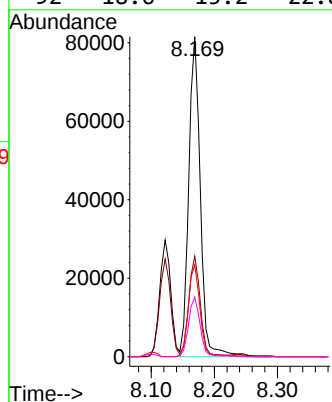
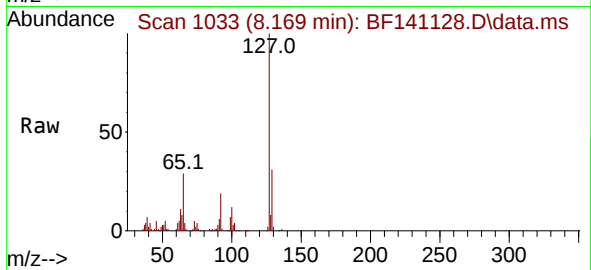
Ion Ratio Lower Upper

127 100

129 31.4 25.9 38.9

65 28.8 23.8 35.8

92 18.6 15.2 22.8



#34

Hexachlorobutadiene

Concen: 7.807 ng

RT: 8.240 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

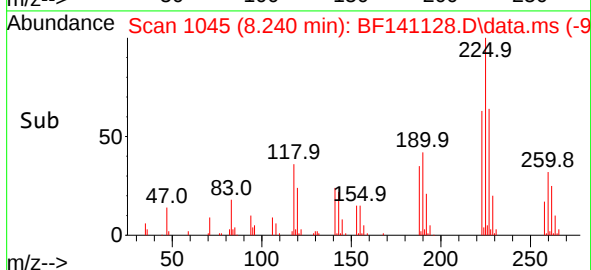
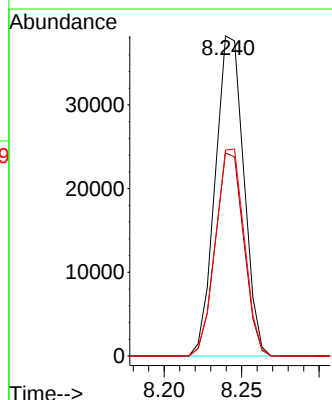
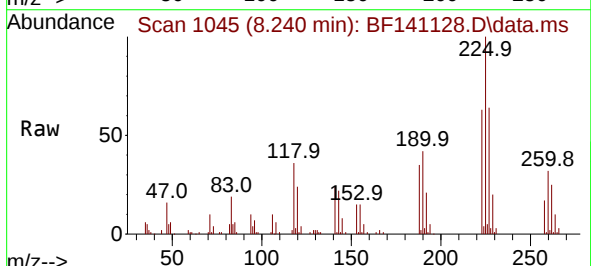
Tgt Ion:225 Resp: 49045

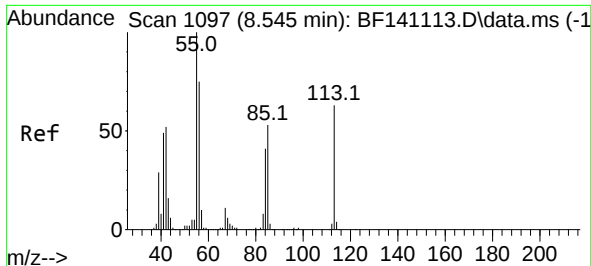
Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

227 64.3 51.6 77.4

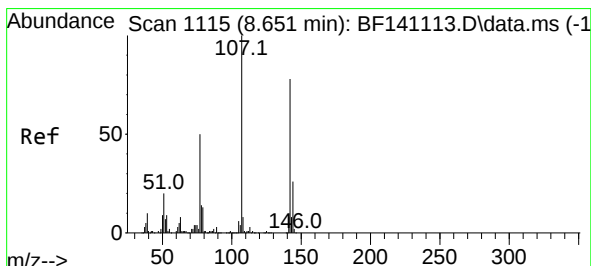
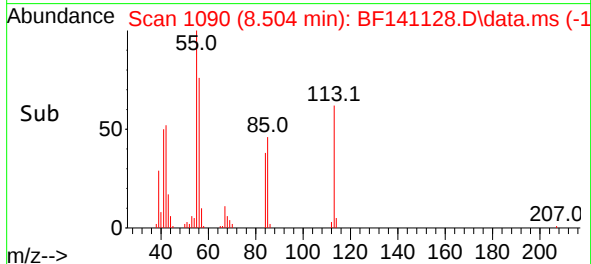
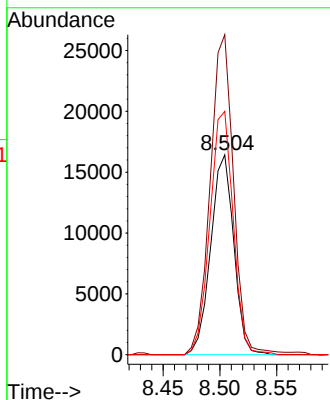
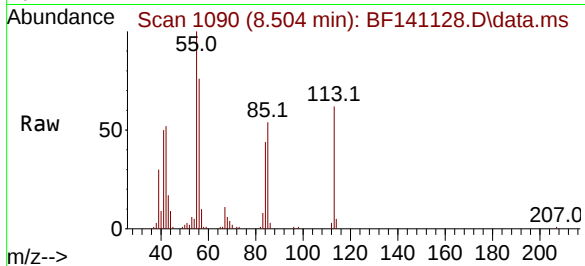




#35
 Caprolactam
 Concen: 7.754 ng
 RT: 8.504 min Scan# 1109
 Delta R.T. -0.041 min
 Lab File: BF141128.D
 Acq: 13 Jan 2025 16:10

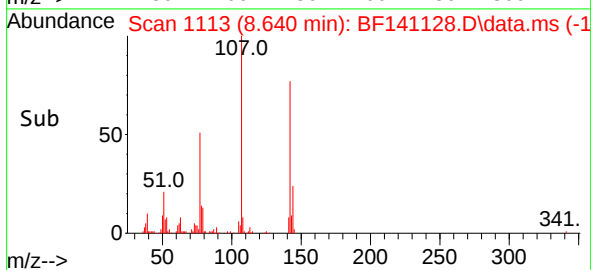
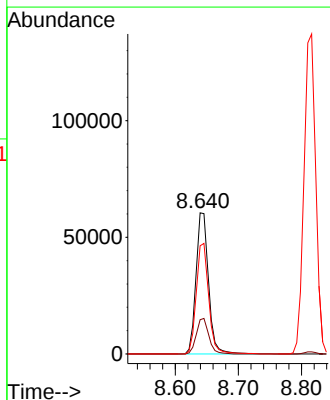
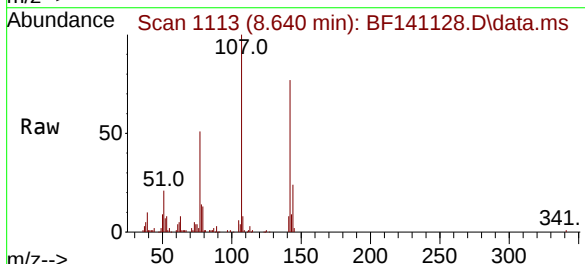
Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT1-2024

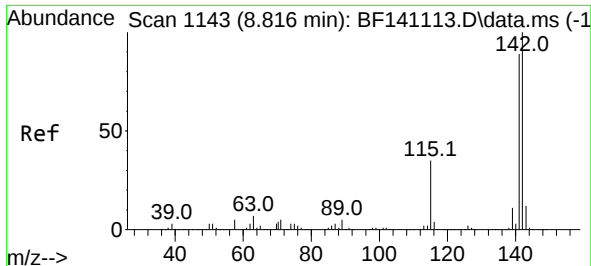
Tgt Ion:	113	Resp:	23157
Ion	Ratio	Lower	Upper
113	100		
55	160.2	139.7	179.7
56	121.8	99.4	139.4



#36
 4-Chloro-3-methylphenol
 Concen: 8.350 ng
 RT: 8.640 min Scan# 1113
 Delta R.T. -0.012 min
 Lab File: BF141128.D
 Acq: 13 Jan 2025 16:10

Tgt Ion:	107	Resp:	83300
Ion	Ratio	Lower	Upper
107	100		
144	24.3	20.4	30.6
142	76.6	62.2	93.2





#37

2-Methylnaphthalene

Concen: 8.258 ng

RT: 8.816 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

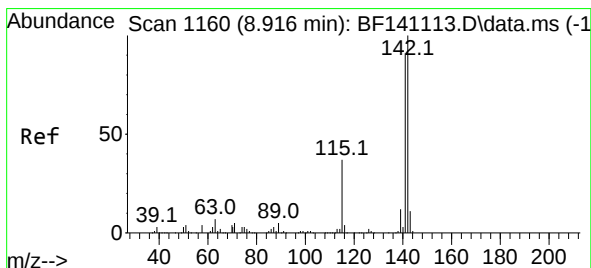
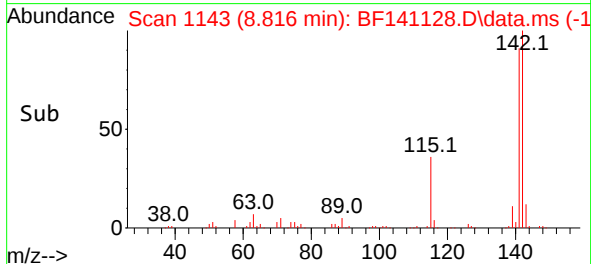
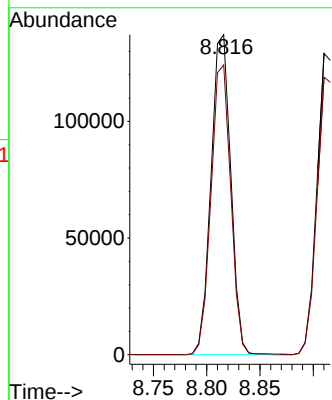
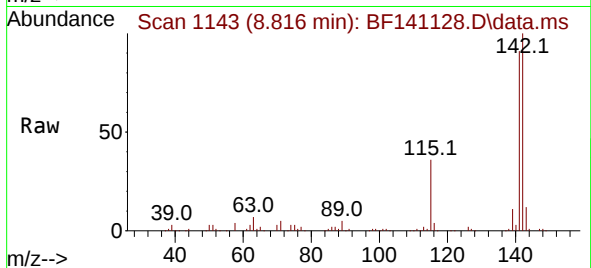
LOQ-WATER-02-QT1-2024

Tgt Ion:142 Resp: 176685

Ion Ratio Lower Upper

142 100

141 90.5 71.3 106.9



#38

1-Methylnaphthalene

Concen: 7.855 ng

RT: 8.910 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF141128.D

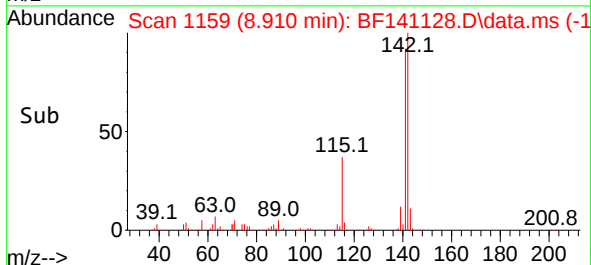
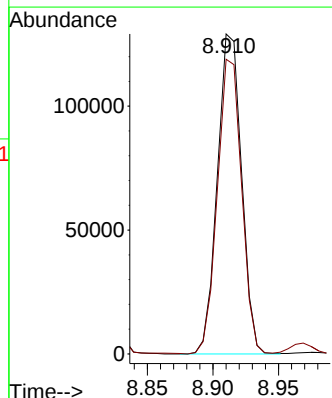
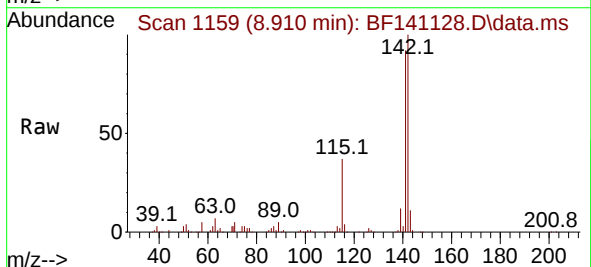
Acq: 13 Jan 2025 16:10

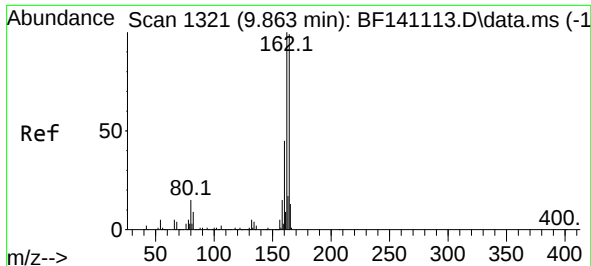
Tgt Ion:142 Resp: 165625

Ion Ratio Lower Upper

142 100

141 92.1 73.1 109.7

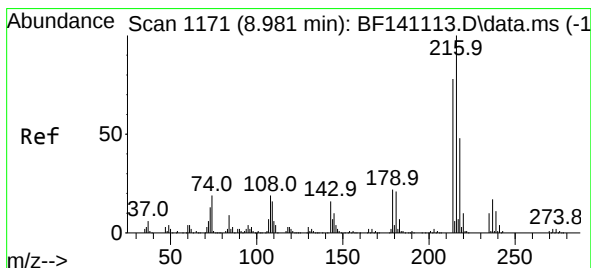
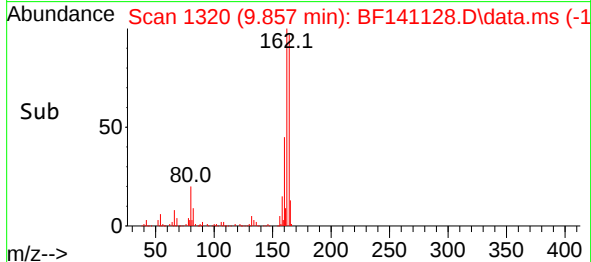
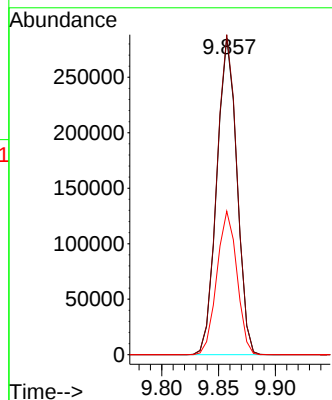
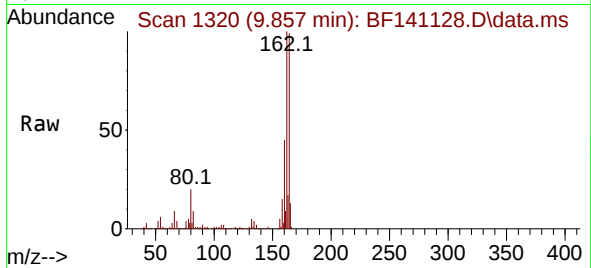




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

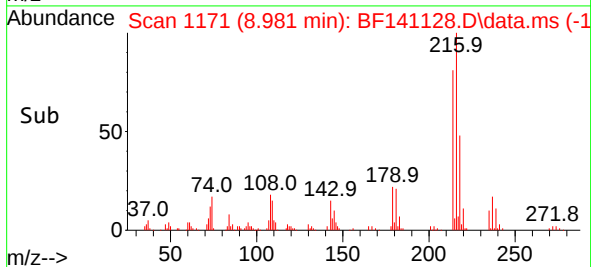
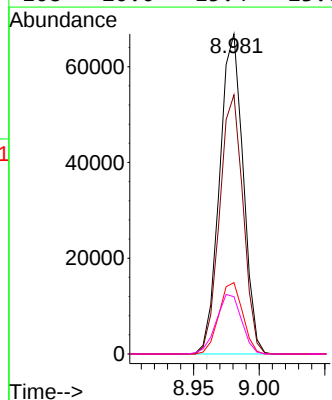
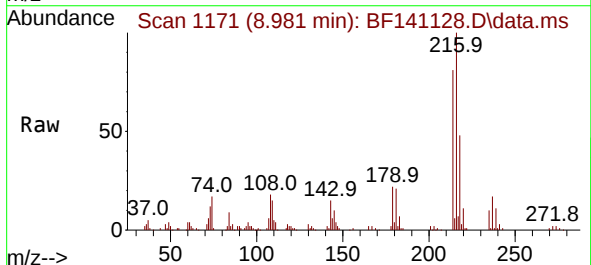
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

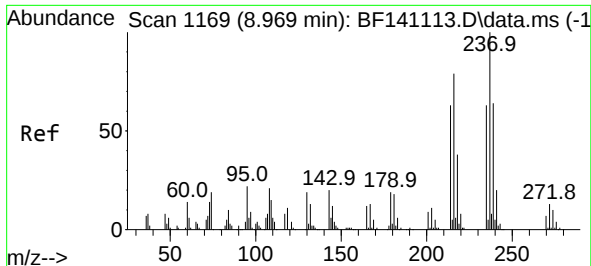
Tgt Ion:164 Resp: 350991
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 45.3 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.275 ng
RT: 8.981 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

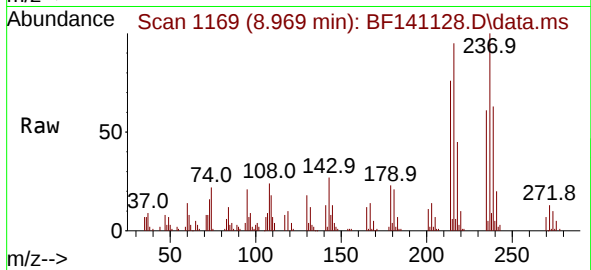
Tgt Ion:216 Resp: 83364
Ion Ratio Lower Upper
216 100
214 80.5 62.6 94.0
179 22.4 17.7 26.5
108 20.0 15.4 23.0



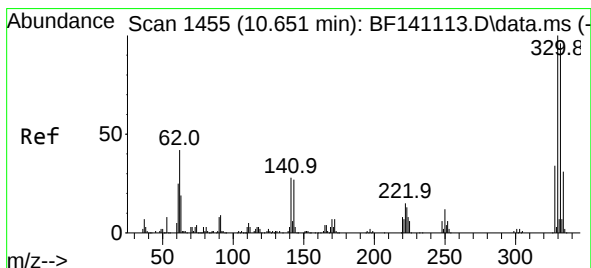
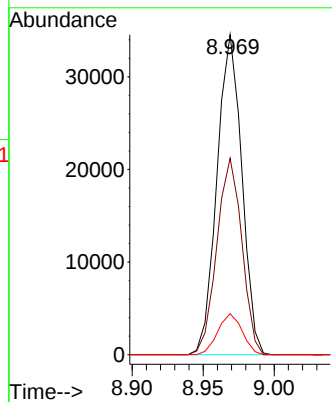
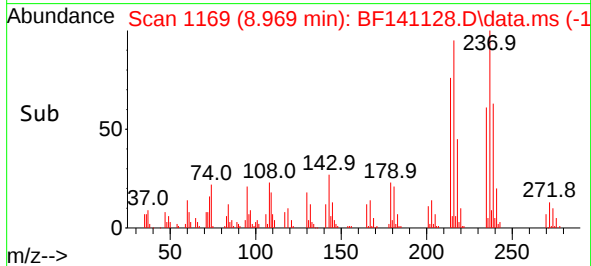


#41
Hexachlorocyclopentadiene
Concen: 12.746 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

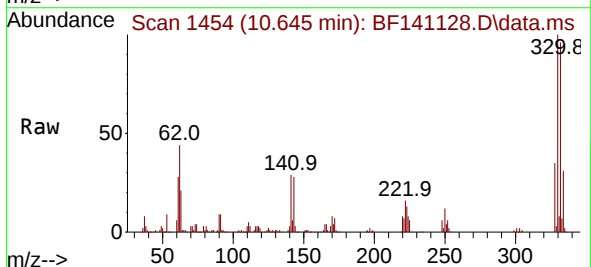
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024



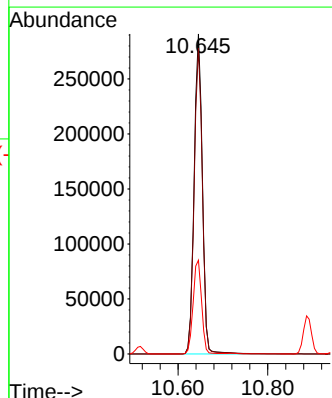
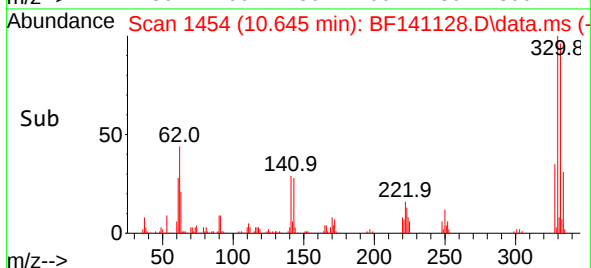
Tgt Ion:237 Resp: 42010
Ion Ratio Lower Upper
237 100
235 61.4 43.0 83.0
272 12.8 0.0 33.0

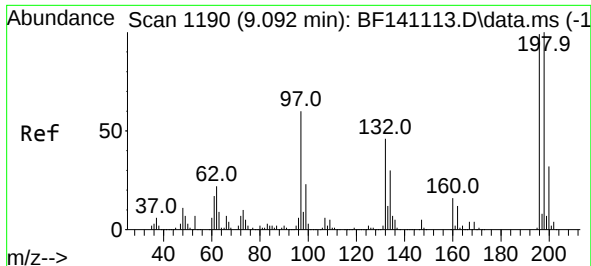


#42
2,4,6-Tribromophenol
Concen: 92.656 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10



Tgt Ion:330 Resp: 370561
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 30.2 25.2 37.8

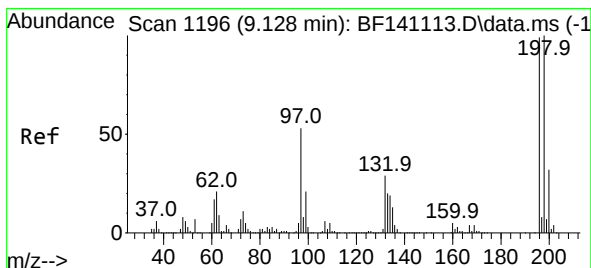
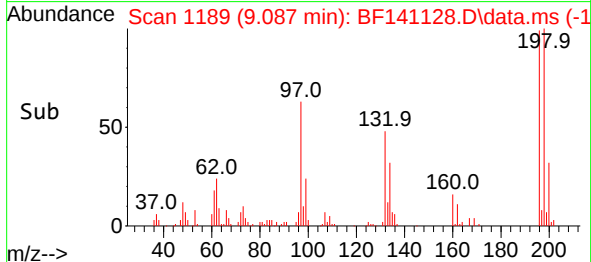
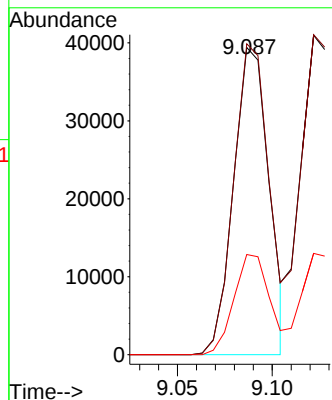
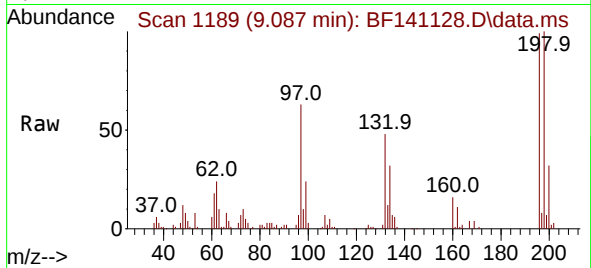




#43
2,4,6-Trichlorophenol
Concen: 7.532 ng
RT: 9.087 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

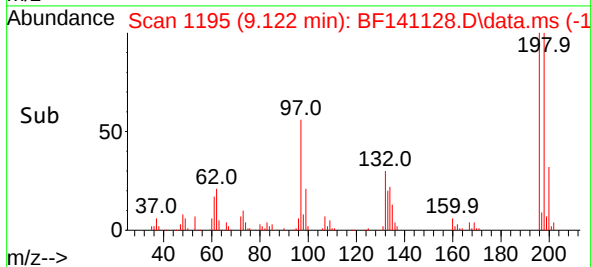
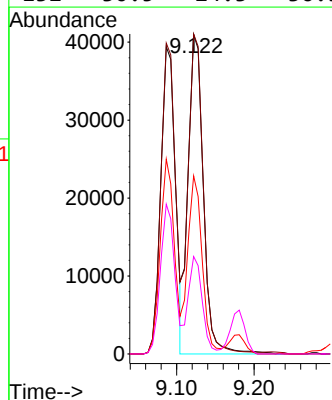
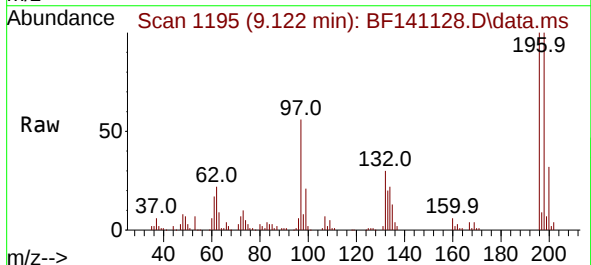
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

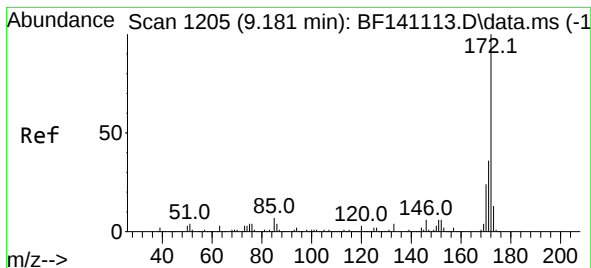
Tgt Ion:196 Resp: 51178
Ion Ratio Lower Upper
196 100
198 101.2 80.8 121.2
200 32.6 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 7.847 ng
RT: 9.122 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:196 Resp: 56310
Ion Ratio Lower Upper
196 100
198 100.2 80.6 120.8
97 55.8 43.1 64.7
132 30.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 62.736 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

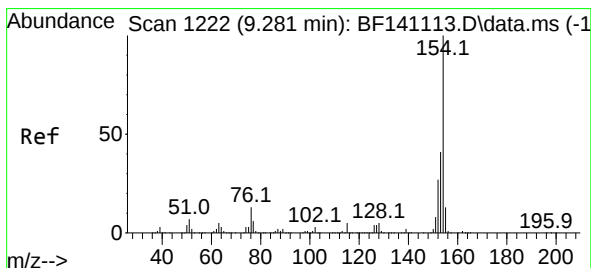
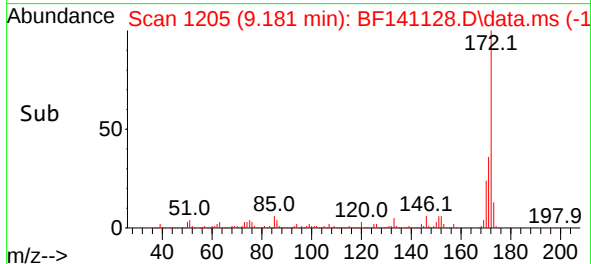
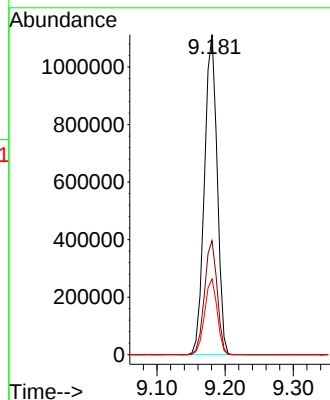
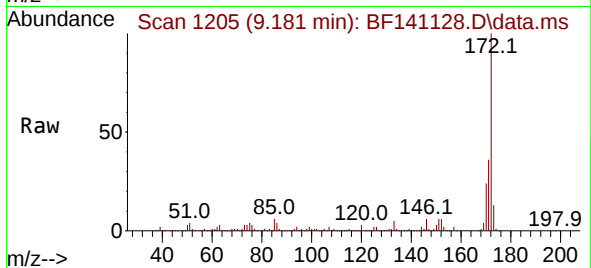
Tgt Ion:172 Resp: 1441986

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 8.563 ng

RT: 9.281 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

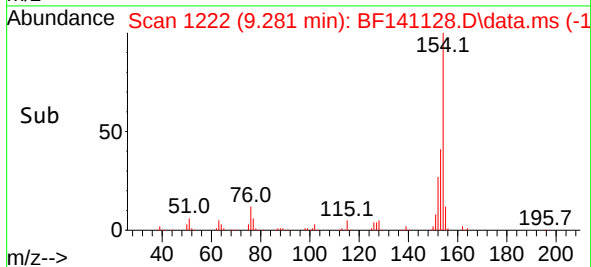
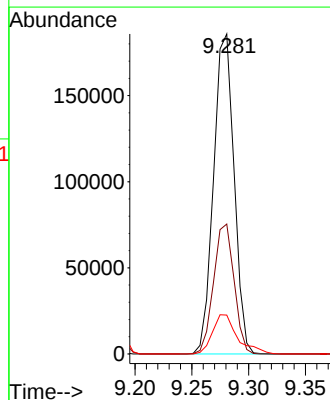
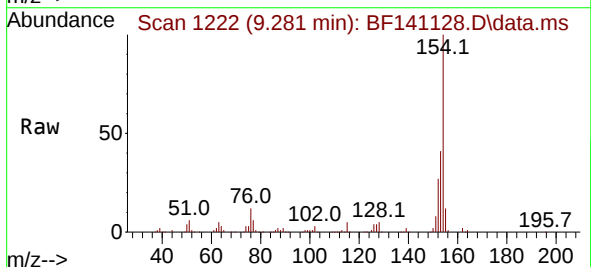
Tgt Ion:154 Resp: 233399

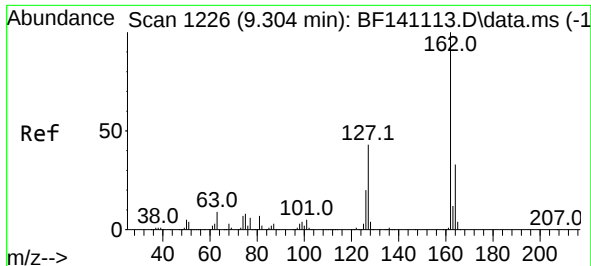
Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

76 12.2 0.0 33.1





#47

2-Chloronaphthalene

Concen: 7.941 ng

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

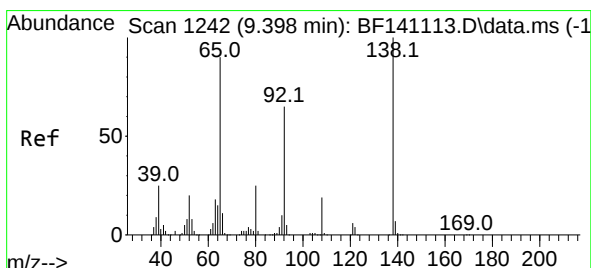
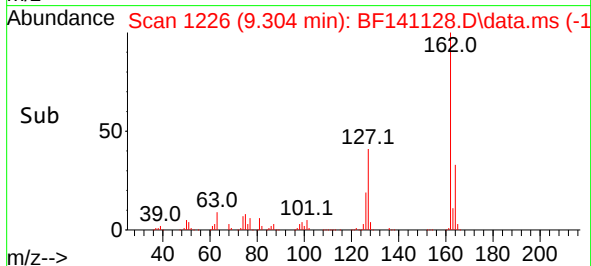
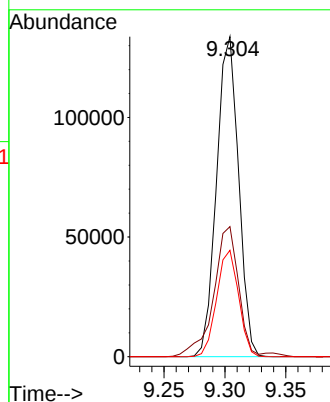
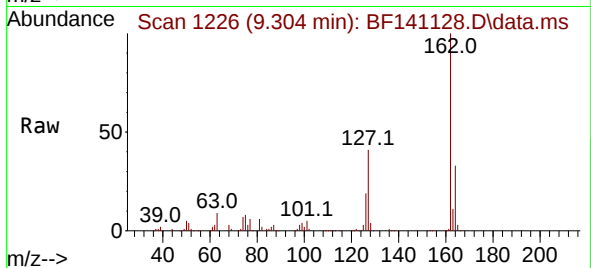
Tgt Ion:162 Resp: 168597

Ion Ratio Lower Upper

162 100

127 40.7 34.6 51.8

164 33.2 26.5 39.7



#48

2-Nitroaniline

Concen: 7.608 ng

RT: 9.392 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

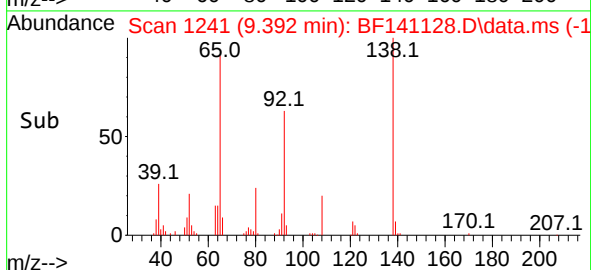
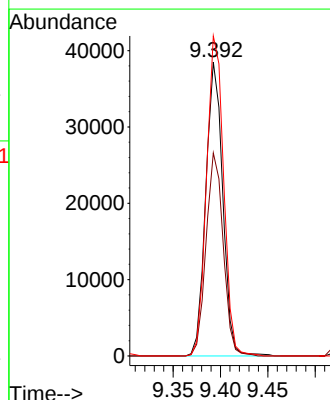
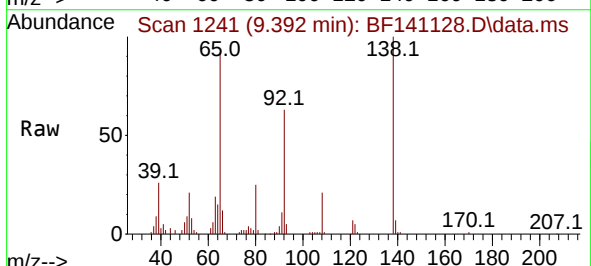
Tgt Ion: 65 Resp: 47878

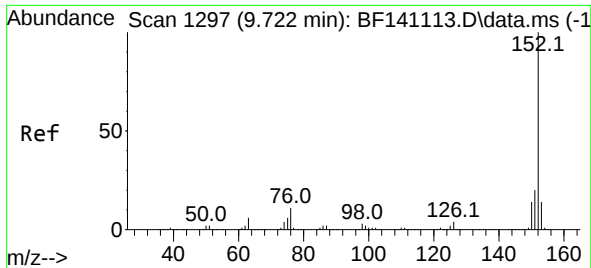
Ion Ratio Lower Upper

65 100

92 69.1 58.3 87.5

138 108.8 89.1 133.7





#49

Acenaphthylene

Concen: 8.651 ng

RT: 9.716 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

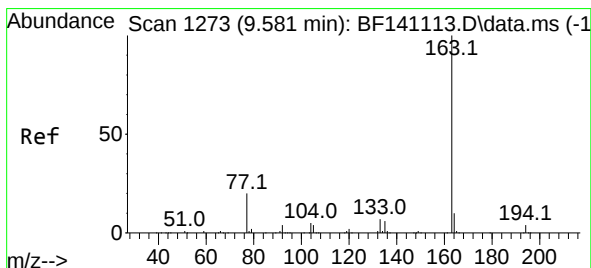
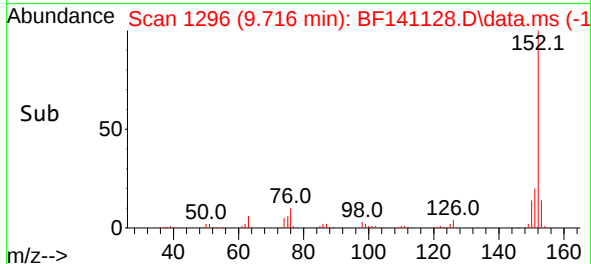
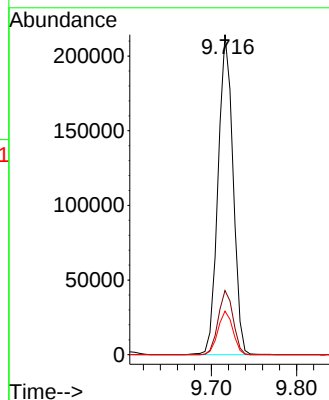
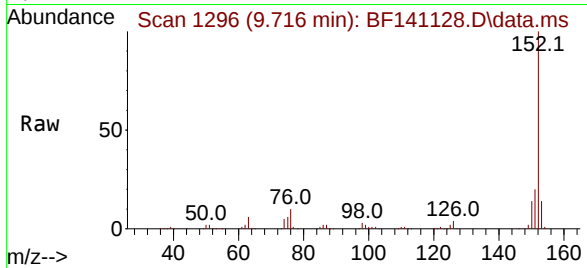
Tgt Ion:152 Resp: 262408

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.6 11.1 16.7



#50

Dimethylphthalate

Concen: 8.167 ng

RT: 9.575 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

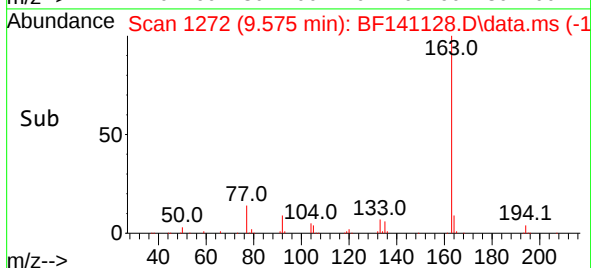
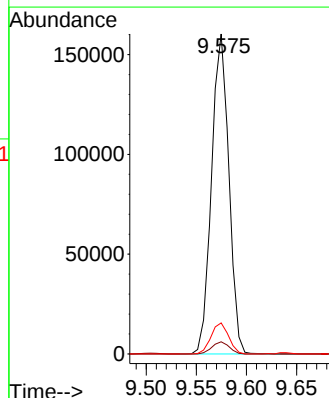
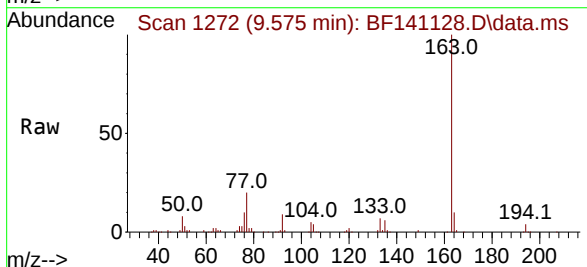
Tgt Ion:163 Resp: 192433

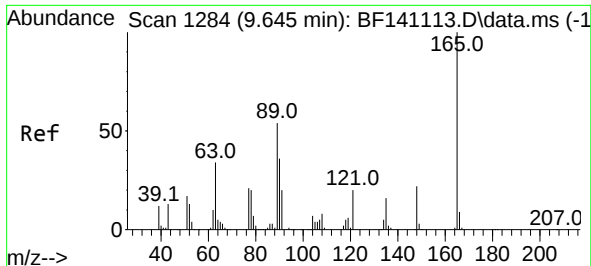
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 9.7 8.2 12.4

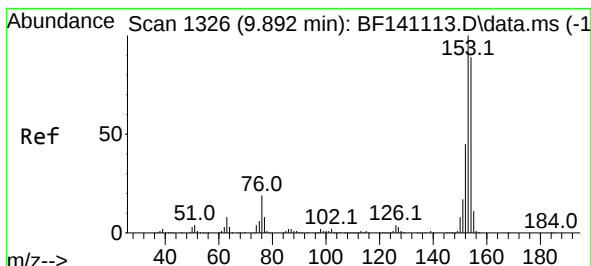
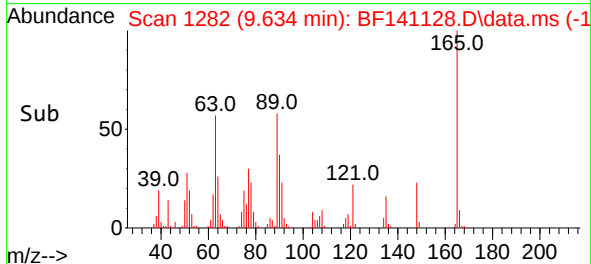
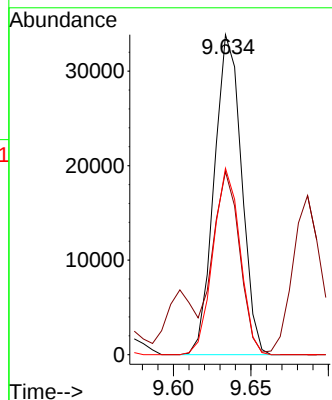
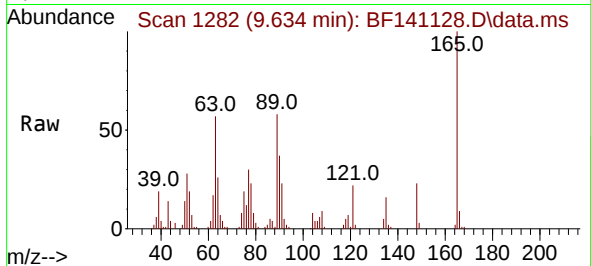




#51
2,6-Dinitrotoluene
Concen: 7.580 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

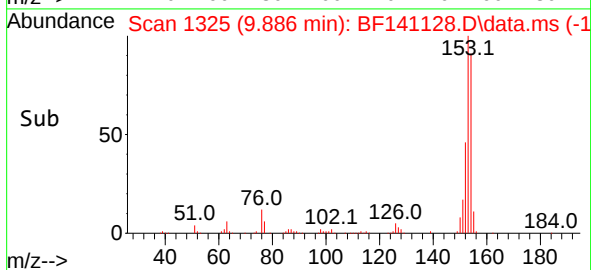
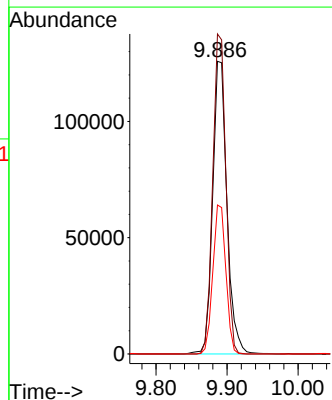
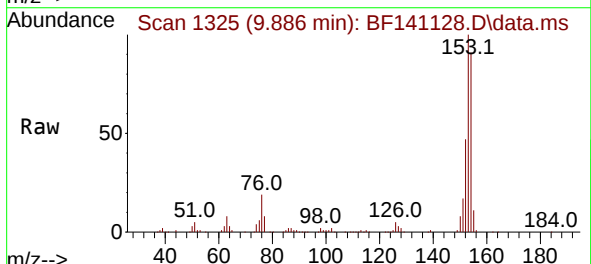
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

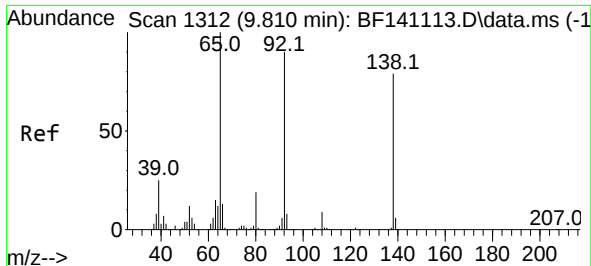
Tgt Ion:165 Resp: 41536
Ion Ratio Lower Upper
165 100
63 57.2 42.3 63.5
89 58.2 43.1 64.7



#52
Acenaphthene
Concen: 8.300 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:154 Resp: 175885
Ion Ratio Lower Upper
154 100
153 109.4 89.8 134.6
152 50.9 40.8 61.2

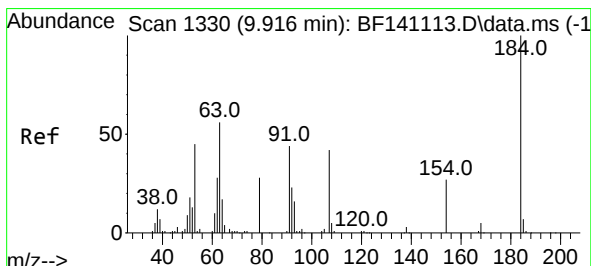
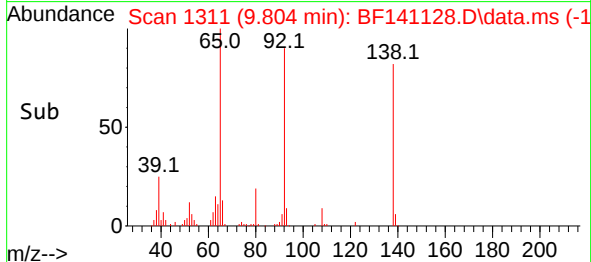
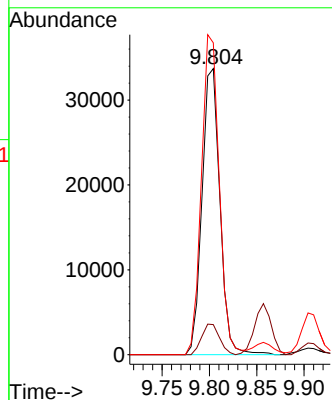
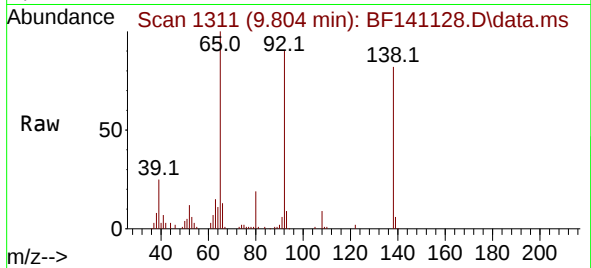




#53
3-Nitroaniline
Concen: 7.951 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

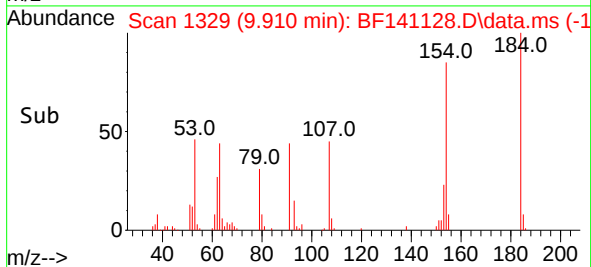
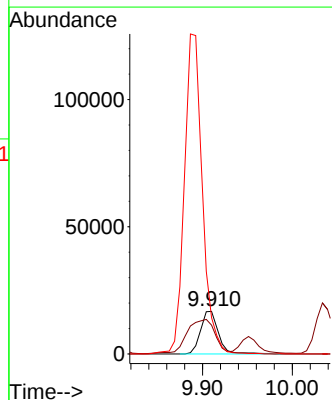
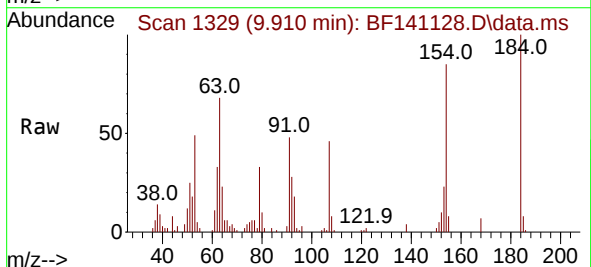
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

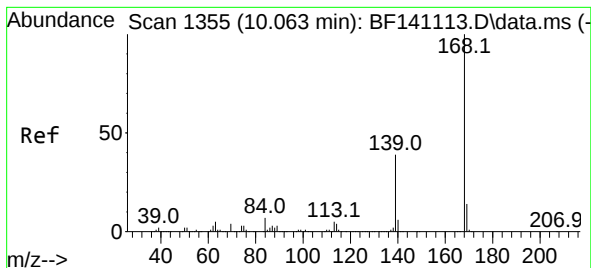
Tgt Ion:138 Resp: 44272
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 109.0 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 8.863 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:184 Resp: 23083
Ion Ratio Lower Upper
184 100
63 67.8 48.7 73.1
154 85.2 57.1 85.7





#55

Dibenzenofuran

Concen: 8.396 ng

RT: 10.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

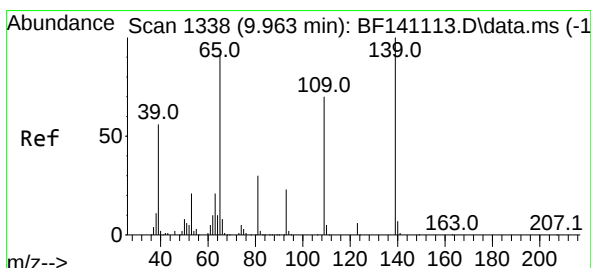
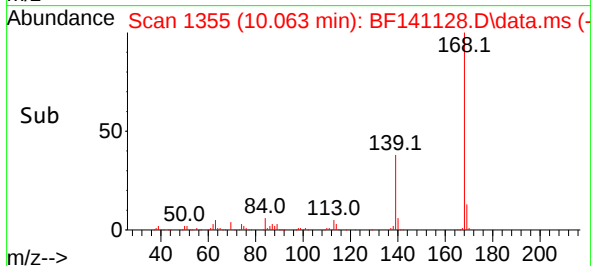
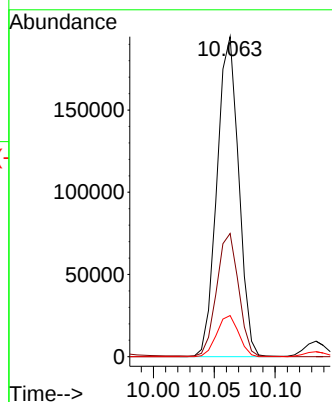
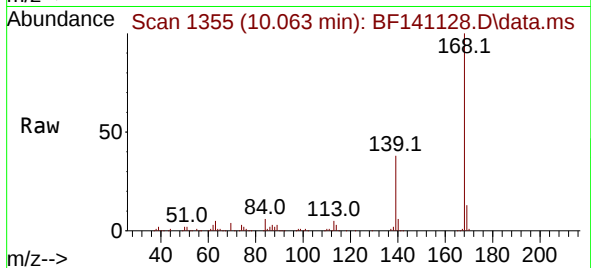
Tgt Ion:168 Resp: 242018

Ion Ratio Lower Upper

168 100

139 38.5 31.4 47.0

169 12.9 10.9 16.3



#56

4-Nitrophenol

Concen: 7.591 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.012 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

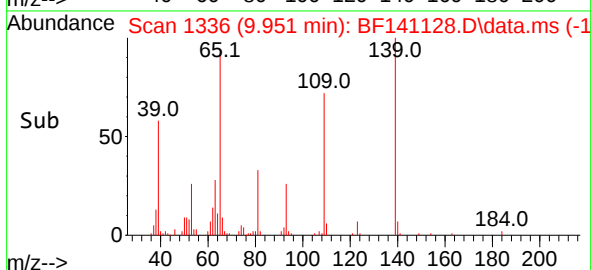
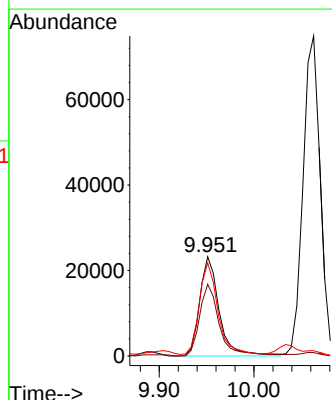
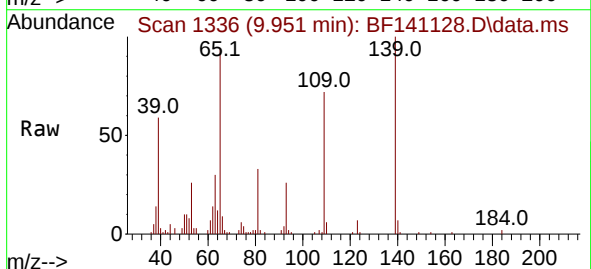
Tgt Ion:139 Resp: 33106

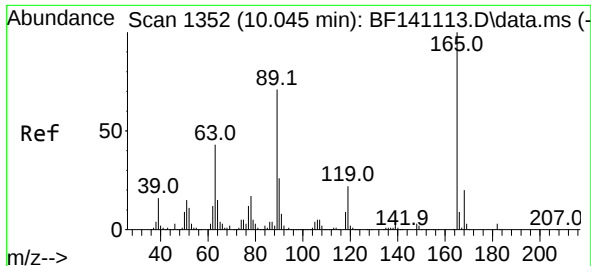
Ion Ratio Lower Upper

139 100

109 72.3 50.2 90.2

65 93.7 72.1 112.1

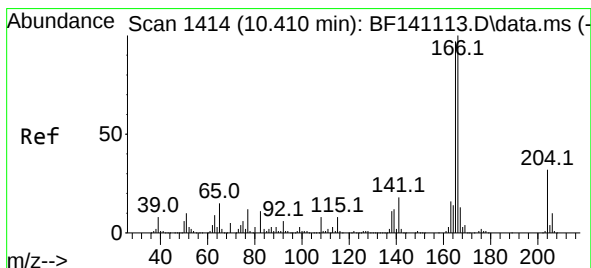
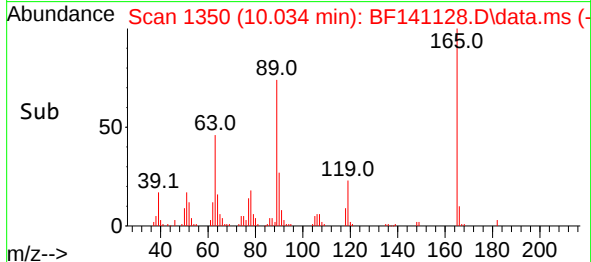
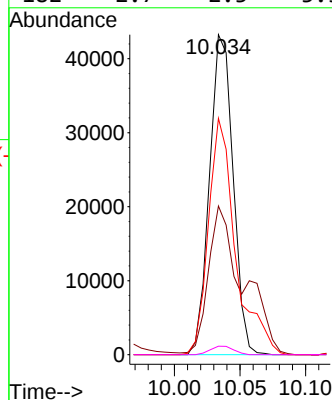
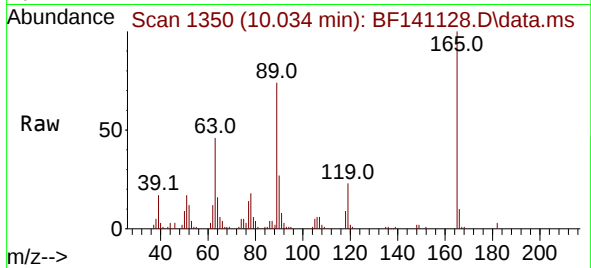




#57
2,4-Dinitrotoluene
Concen: 7.656 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

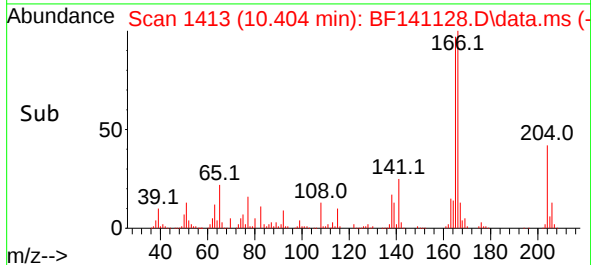
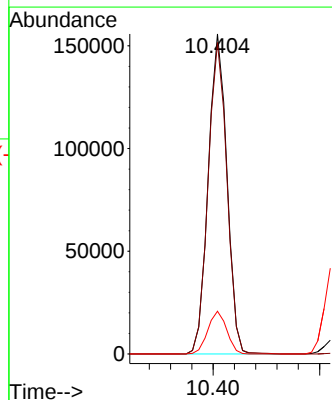
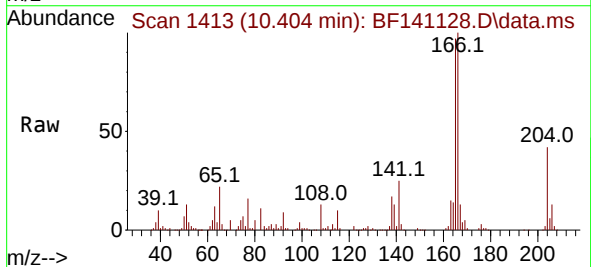
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

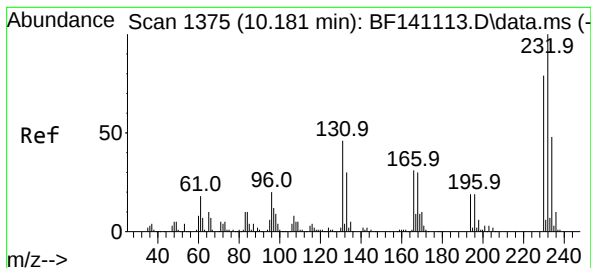
Tgt Ion:165	Resp:	54061
Ion Ratio	Lower	Upper
165	100	
63	46.4	35.0 52.4
89	73.8	56.7 85.1
182	2.7	2.3 3.5



#58
Fluorene
Concen: 8.459 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:166	Resp:	189427
Ion Ratio	Lower	Upper
166	100	
165	97.3	77.8 116.8
167	13.3	10.8 16.2

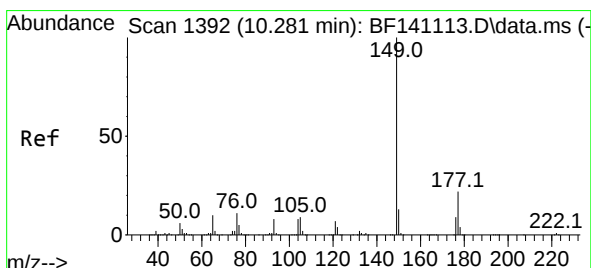
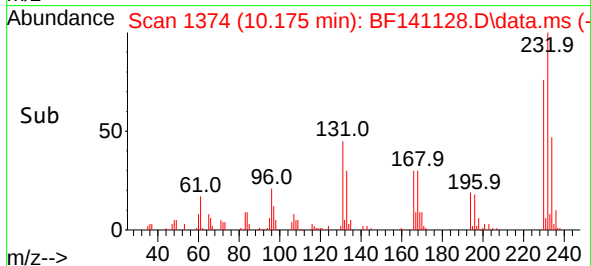
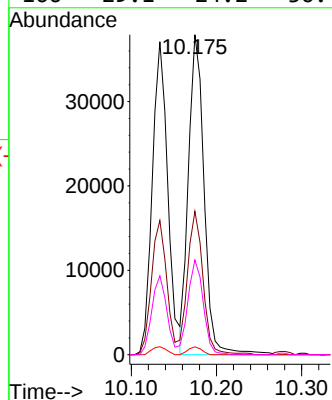
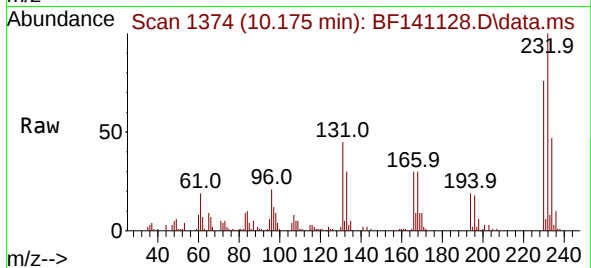




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.136 ng
RT: 10.175 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

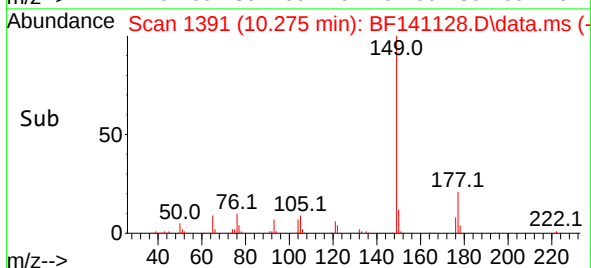
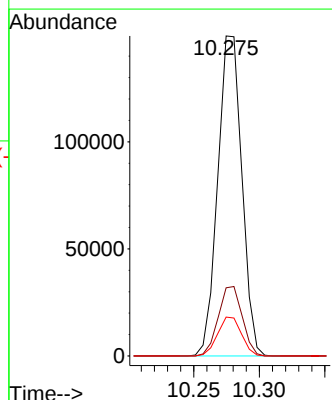
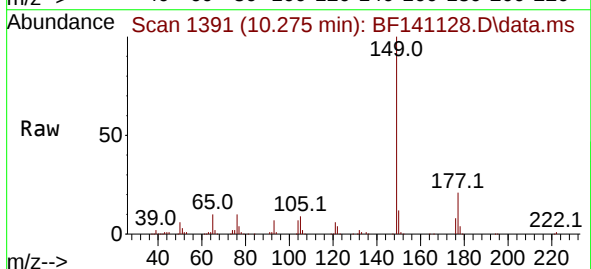
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

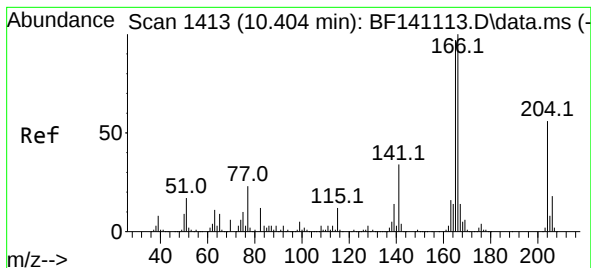
Tgt Ion:232 Resp: 48528
Ion Ratio Lower Upper
232 100
131 45.0 36.2 54.4
130 2.1 2.0 3.0
166 29.1 24.2 36.4



#60
Diethylphthalate
Concen: 8.300 ng
RT: 10.275 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:149 Resp: 190943
Ion Ratio Lower Upper
149 100
177 21.3 17.9 26.9
150 12.1 10.2 15.2

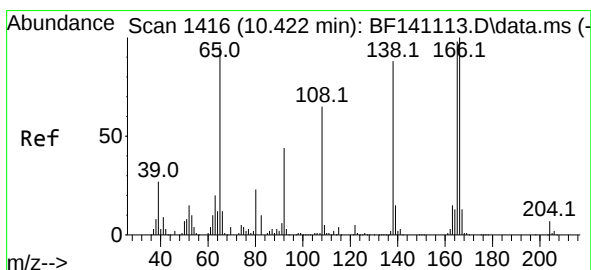
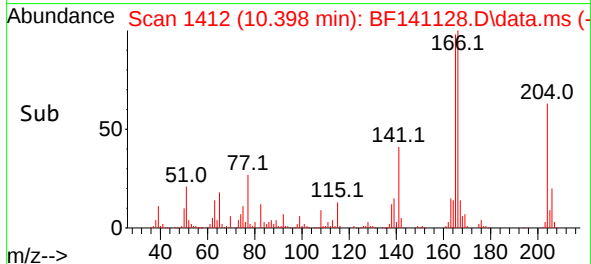
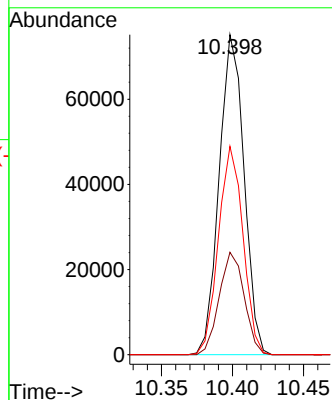
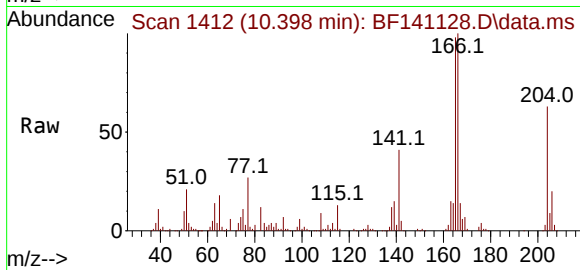




#61
4-Chlorophenyl-phenylether
Concen: 8.385 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

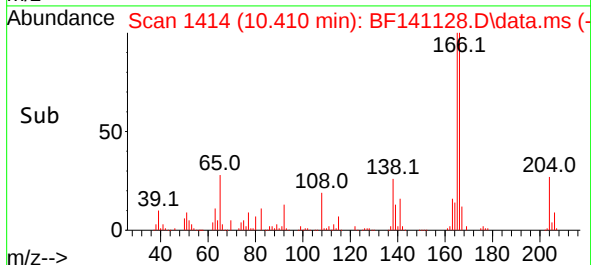
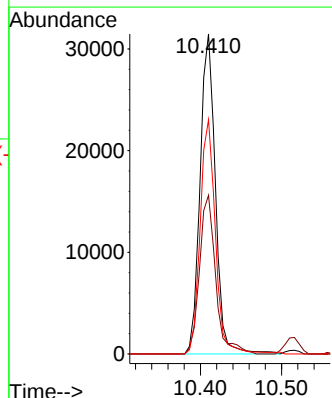
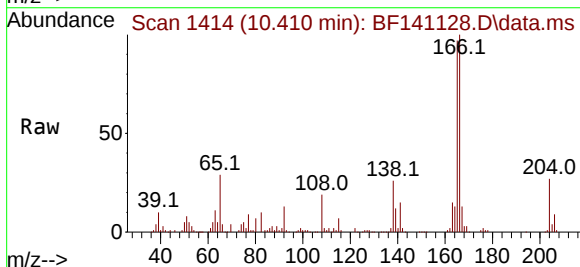
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

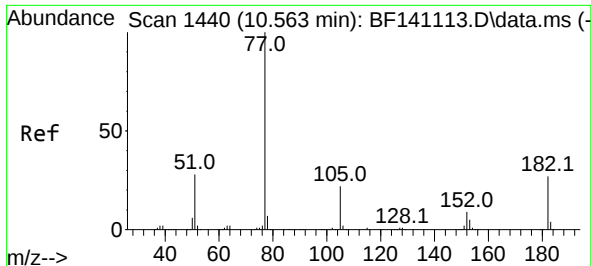
Tgt Ion:204 Resp: 91523
Ion Ratio Lower Upper
204 100
206 32.0 25.9 38.9
141 65.1 49.1 73.7



#62
4-Nitroaniline
Concen: 7.588 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:138 Resp: 41353
Ion Ratio Lower Upper
138 100
92 49.6 29.4 69.4
108 73.2 53.7 93.7

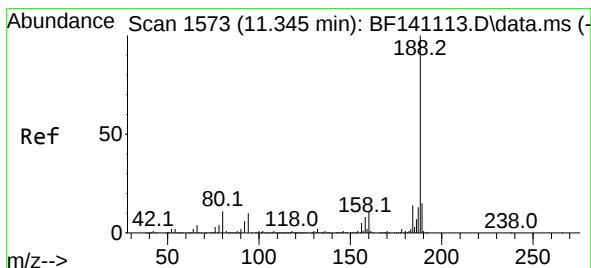
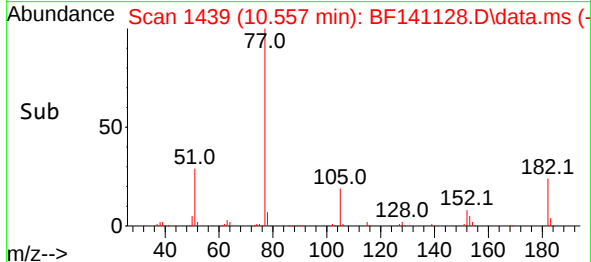
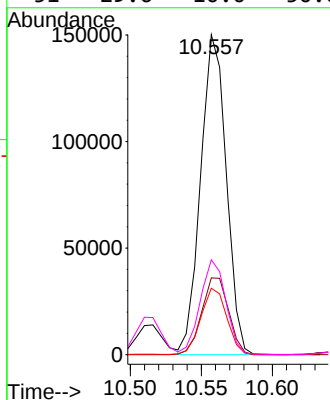
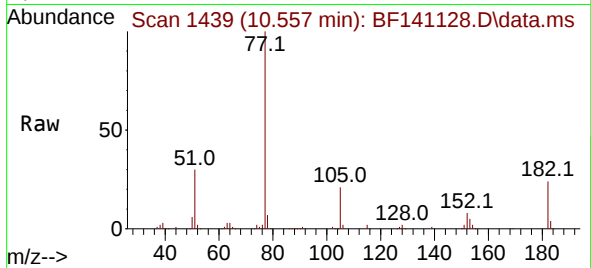




#63
Azobenzene
Concen: 8.309 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

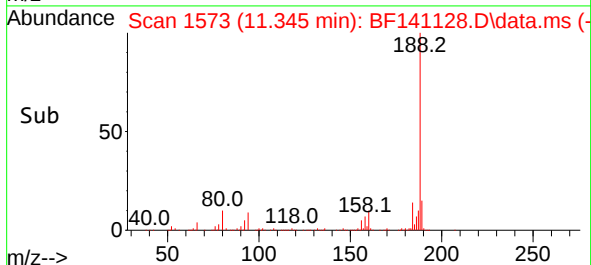
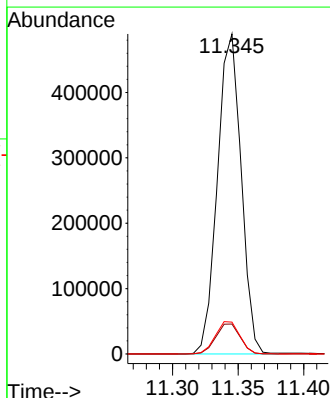
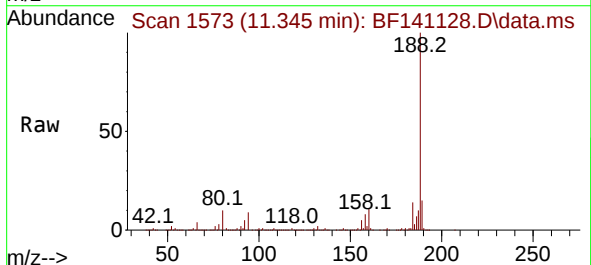
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

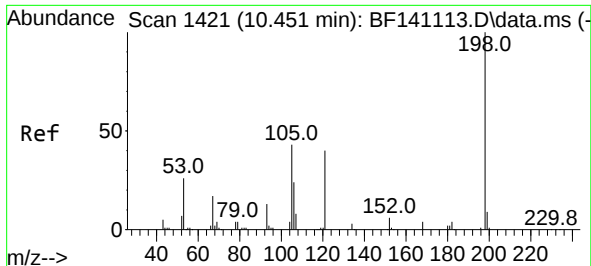
Tgt Ion: 77	Resp: 188593
Ion Ratio	Lower Upper
77 100	
182 24.0	6.1 46.1
105 20.8	2.1 42.1
51 29.6	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:188	Resp: 615290
Ion Ratio	Lower Upper
188 100	
94 9.4	8.3 12.5
80 9.9	9.0 13.4

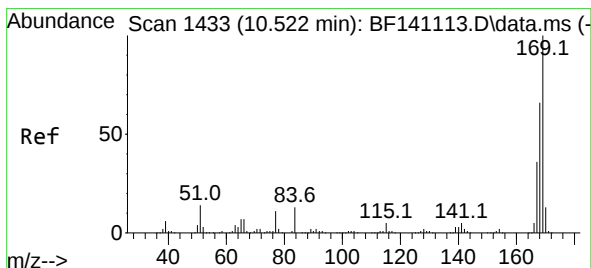
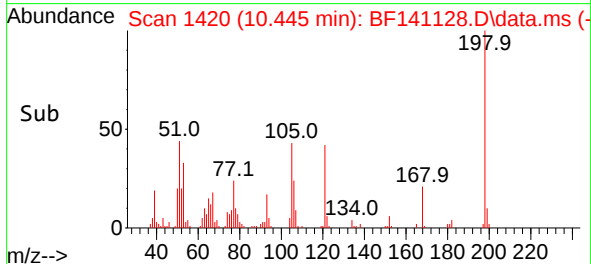
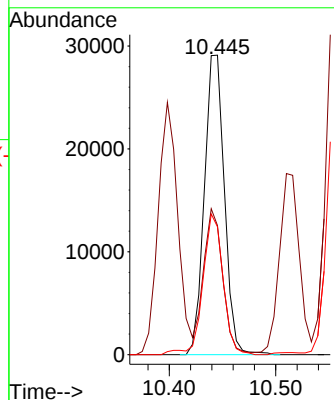
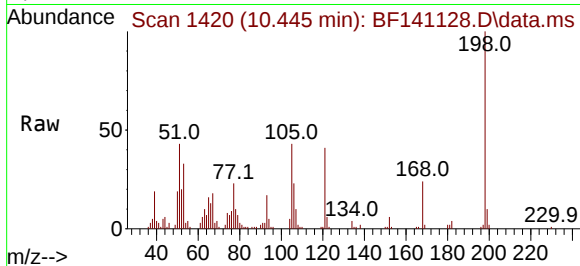




#65
4,6-Dinitro-2-methylphenol
Concen: 10.714 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

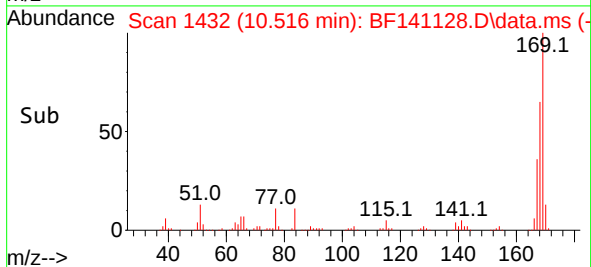
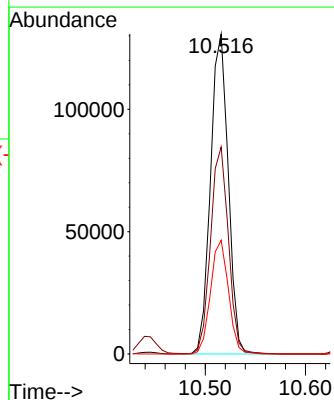
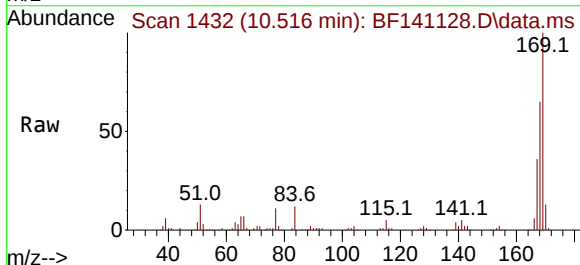
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

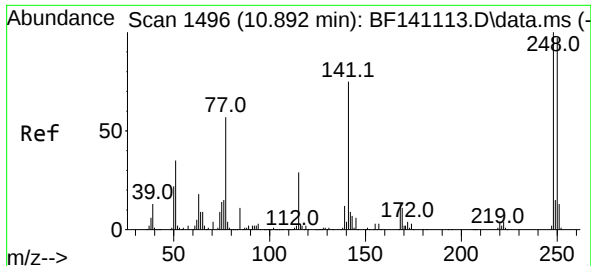
Tgt Ion:198 Resp: 38199
Ion Ratio Lower Upper
198 100
51 43.1 27.1 67.1
105 42.7 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 8.099 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:169 Resp: 160731
Ion Ratio Lower Upper
169 100
168 64.7 52.5 78.7
167 35.5 28.9 43.3

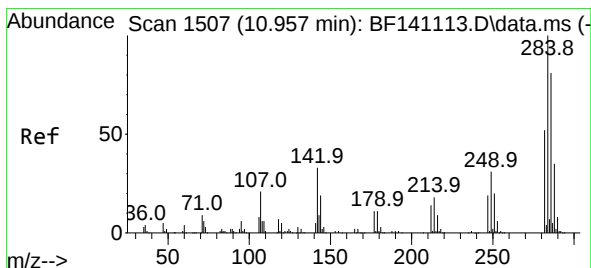
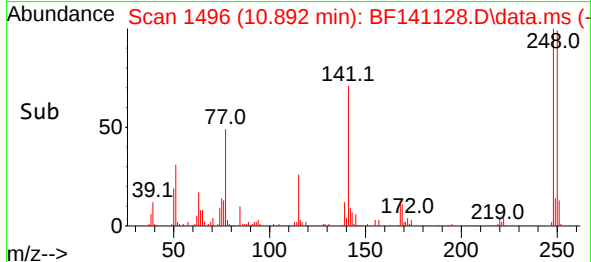
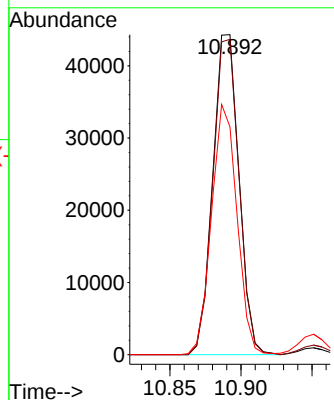
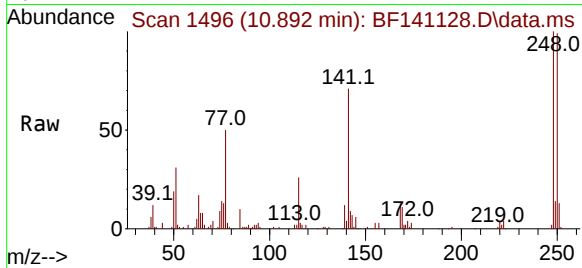




#67
4-Bromophenyl-phenylether
Concen: 8.041 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

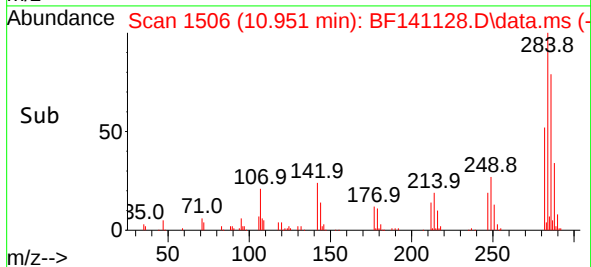
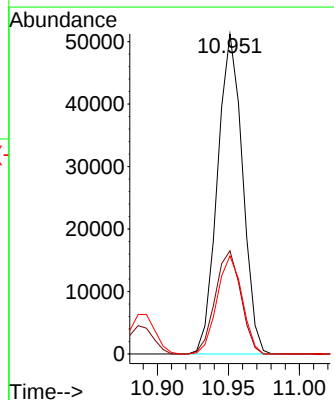
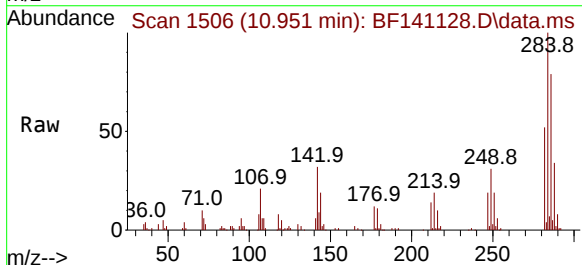
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

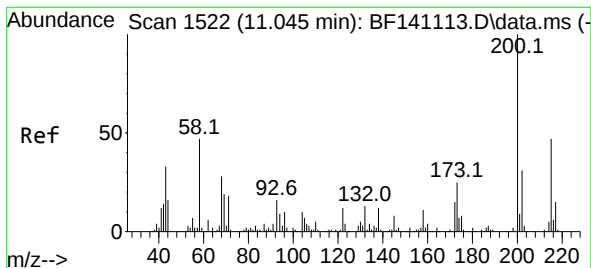
Tgt Ion:248 Resp: 56959
Ion Ratio Lower Upper
248 100
250 98.5 77.9 116.9
141 71.2 59.9 89.9



#68
Hexachlorobenzene
Concen: 7.958 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:284 Resp: 62750
Ion Ratio Lower Upper
284 100
142 32.2 26.3 39.5
249 30.7 24.9 37.3





#69

Atrazine

Concen: 9.978 ng

RT: 11.039 min Scan# 1521

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

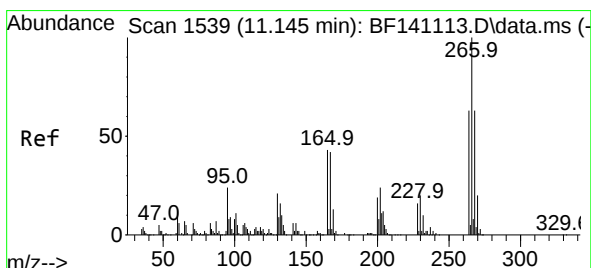
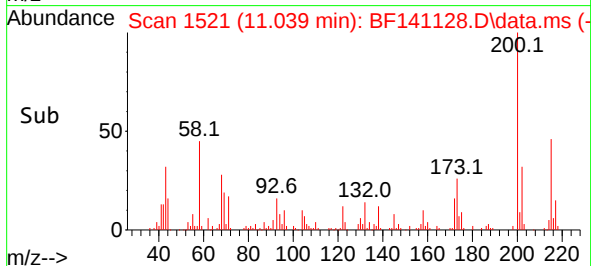
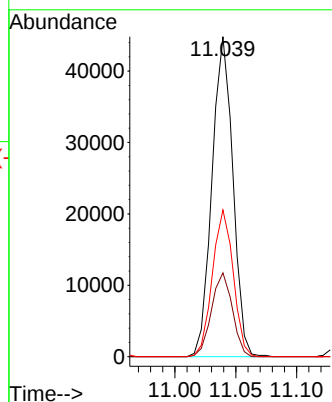
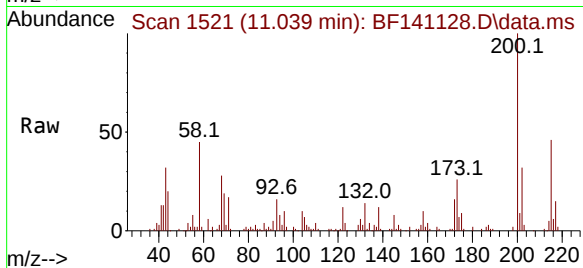
Tgt Ion:200 Resp: 53320

Ion Ratio Lower Upper

200 100

173 26.2 5.4 45.4

215 45.9 26.6 66.6



#70

Pentachlorophenol

Concen: 7.087 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

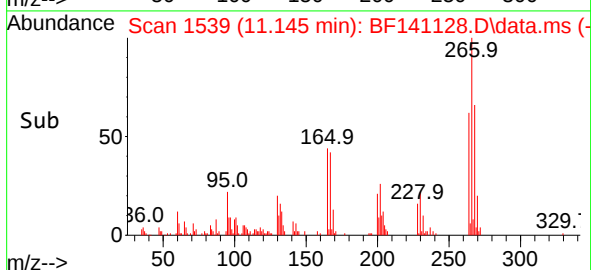
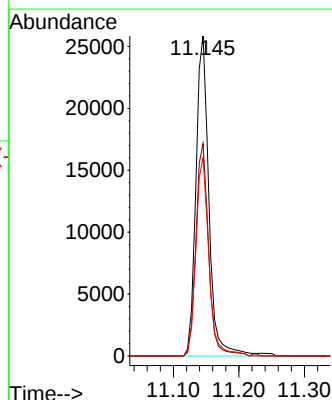
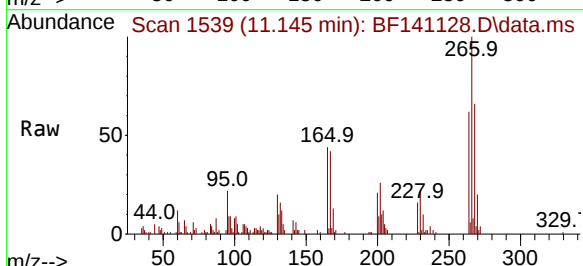
Tgt Ion:266 Resp: 35789

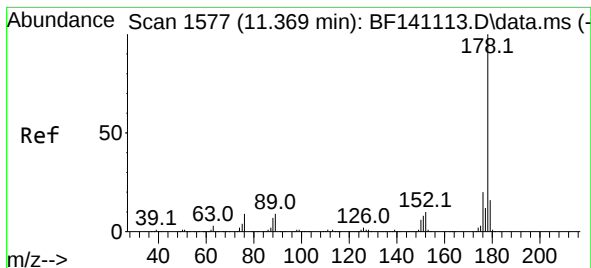
Ion Ratio Lower Upper

266 100

268 66.4 50.4 75.6

264 61.9 50.2 75.2





#71

Phenanthrene

Concen: 8.417 ng

RT: 11.369 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

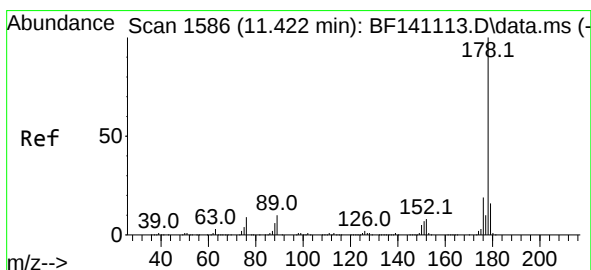
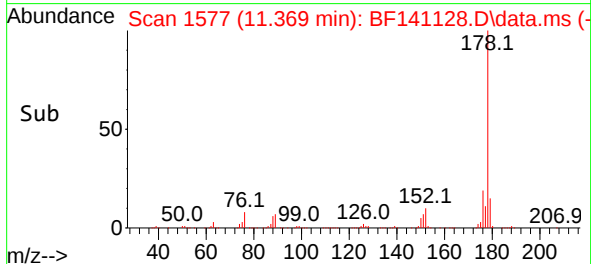
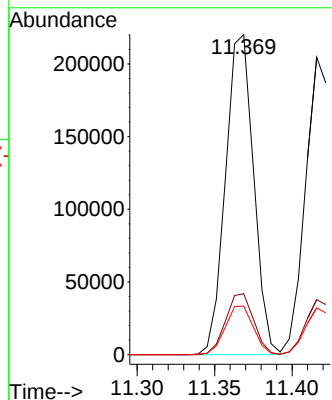
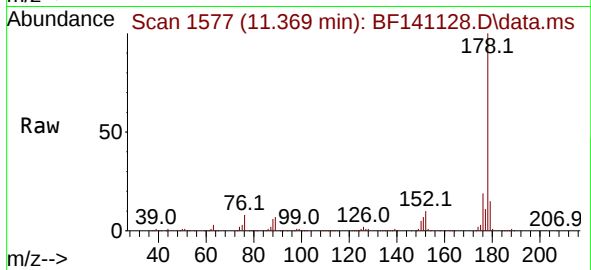
Tgt Ion:178 Resp: 278028

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

179 15.2 12.6 19.0



#72

Anthracene

Concen: 8.045 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

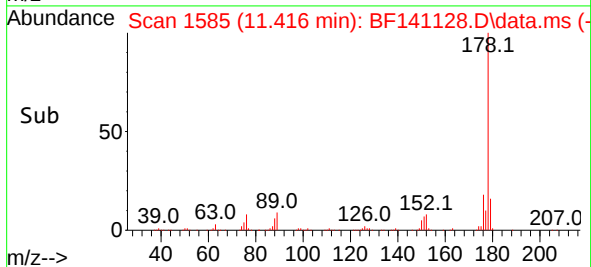
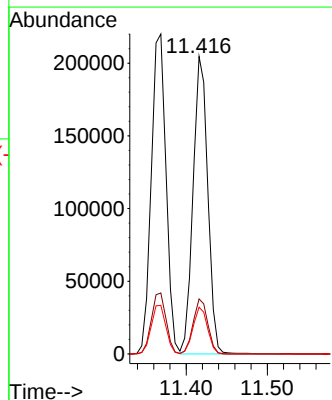
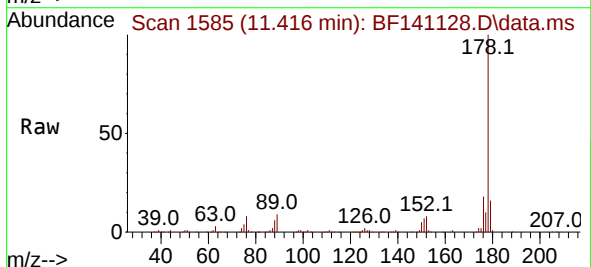
Tgt Ion:178 Resp: 258395

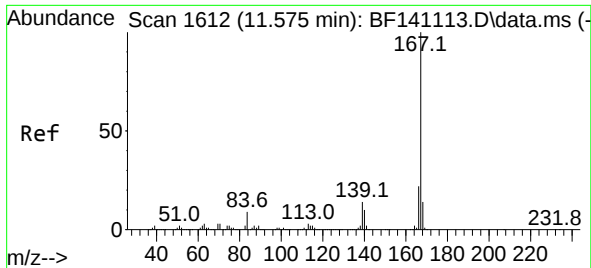
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.7 12.6 19.0

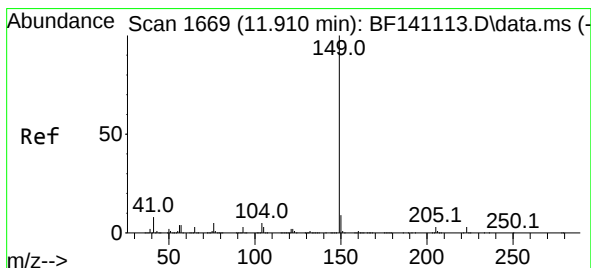
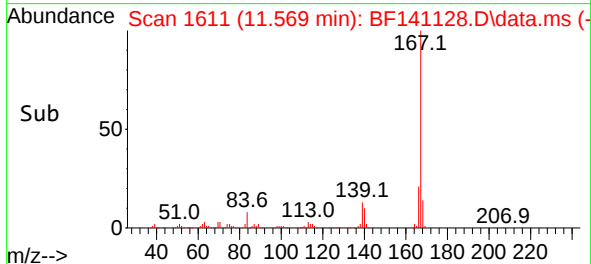
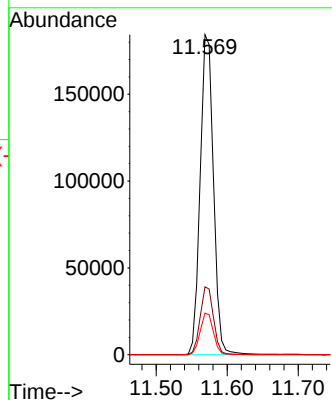
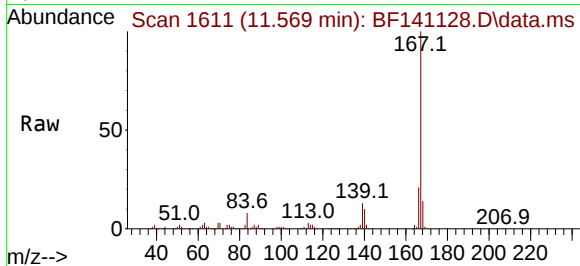




#73
Carbazole
Concen: 8.188 ng
RT: 11.569 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

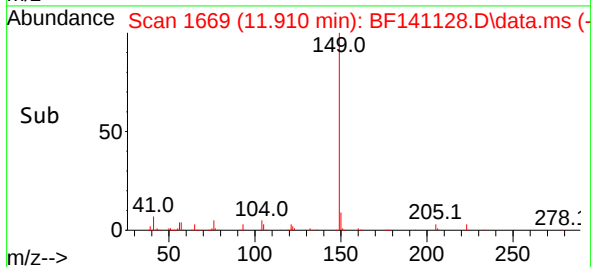
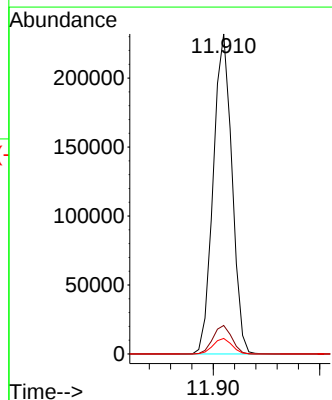
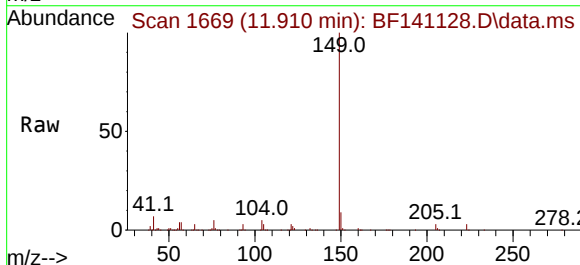
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT1-2024

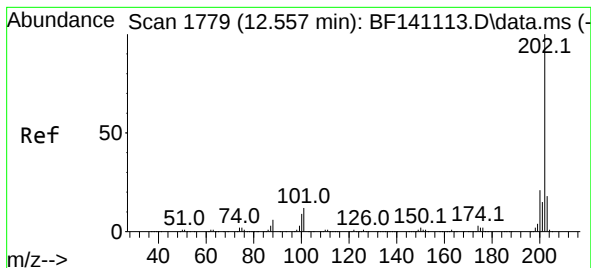
Tgt Ion:167 Resp: 241156
Ion Ratio Lower Upper
167 100
166 21.2 17.4 26.2
139 13.0 10.9 16.3



#74
Di-n-butylphthalate
Concen: 8.366 ng
RT: 11.910 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:149 Resp: 281965
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 4.8 4.2 6.2





#75

Fluoranthene

Concen: 8.234 ng

RT: 12.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

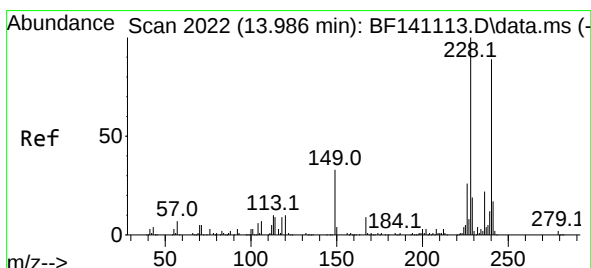
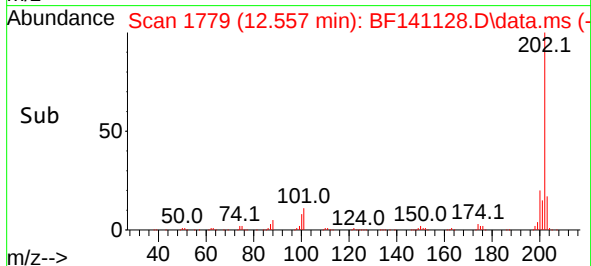
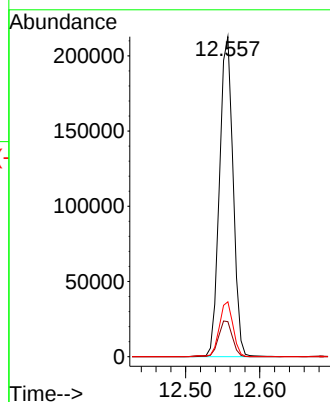
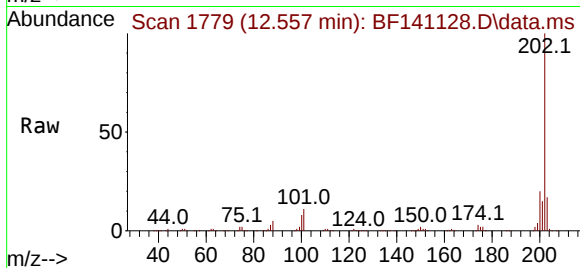
Tgt Ion:202 Resp: 271412

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.3

203 17.1 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

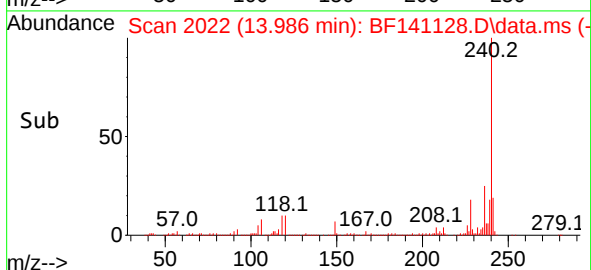
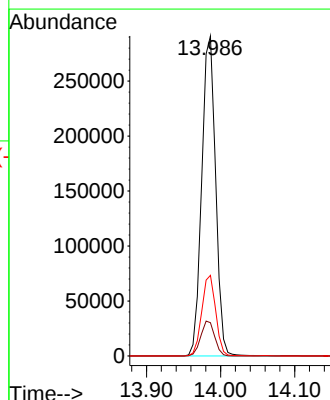
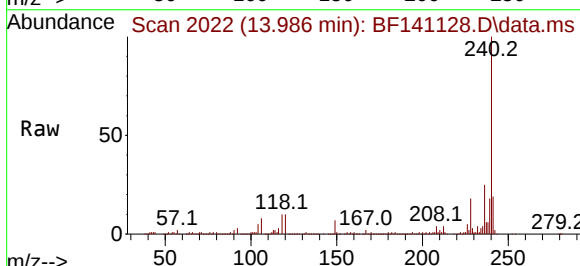
Tgt Ion:240 Resp: 378621

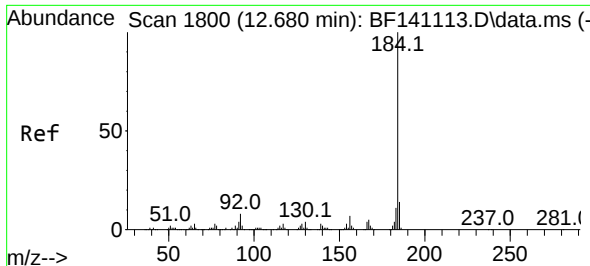
Ion Ratio Lower Upper

240 100

120 10.4 9.1 13.7

236 25.2 19.8 29.6

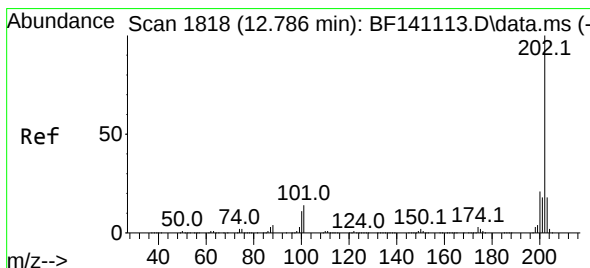
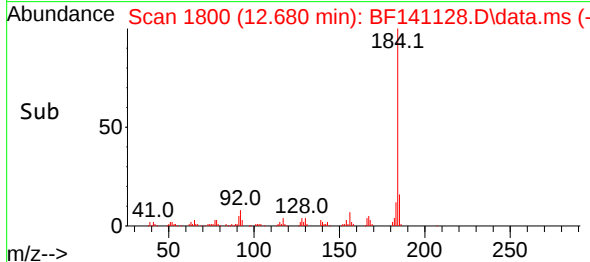
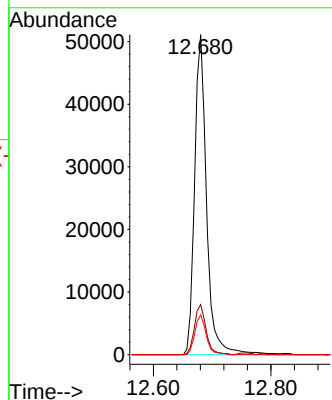
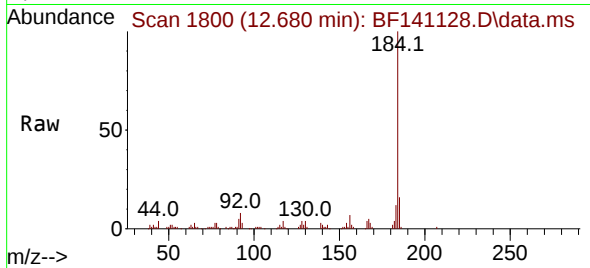




#77
Benzidine
Concen: 10.344 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

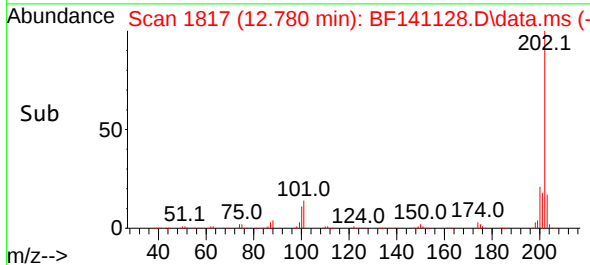
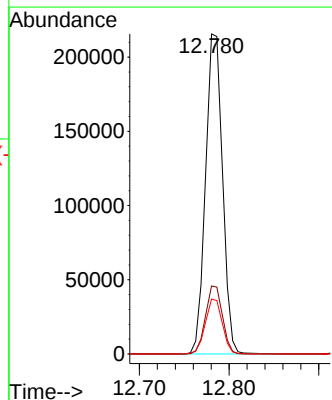
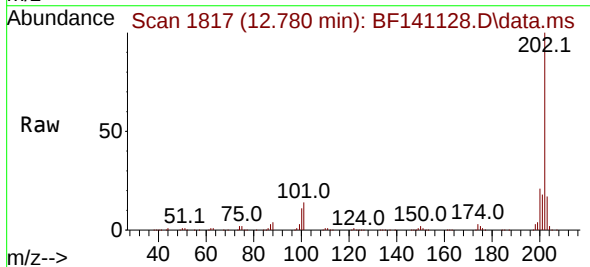
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

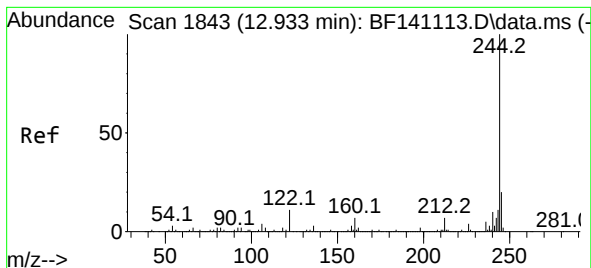
Tgt Ion:184 Resp: 72629
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.0
183 12.4 9.2 13.8



#78
Pyrene
Concen: 7.847 ng
RT: 12.780 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:202 Resp: 283779
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.1 14.3 21.5





#79

Terphenyl-d14

Concen: 58.776 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

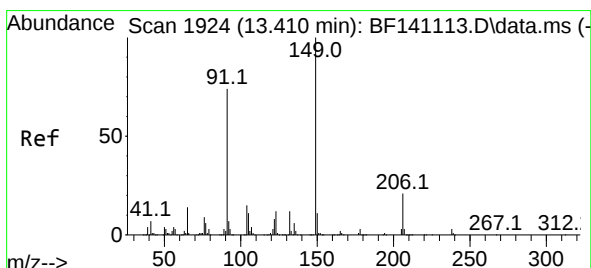
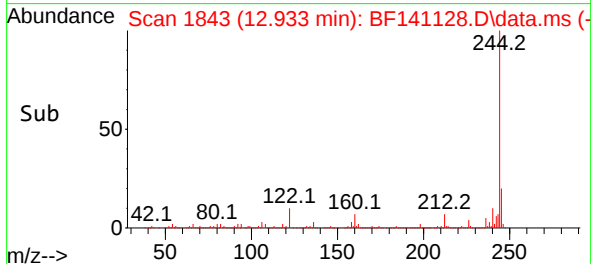
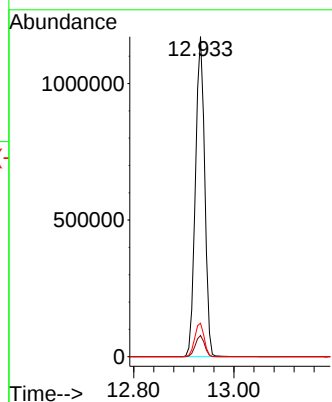
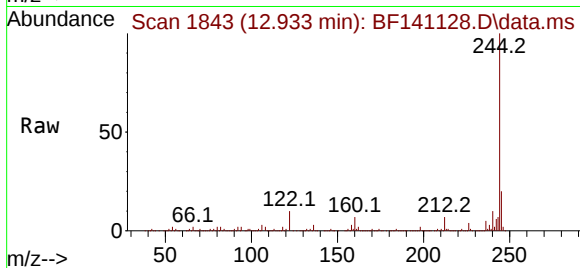
Tgt Ion:244 Resp: 1497270

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.4 8.8 13.2



#80

Butylbenzylphthalate

Concen: 7.784 ng

RT: 13.410 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

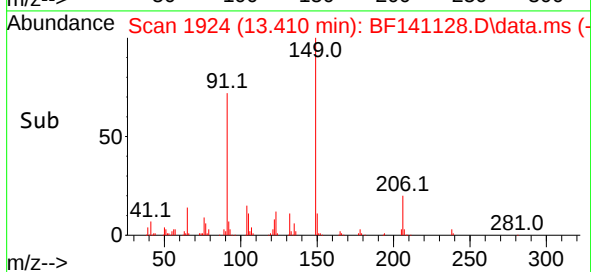
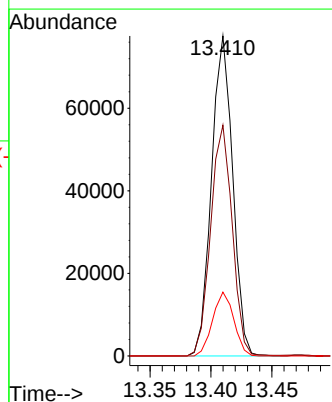
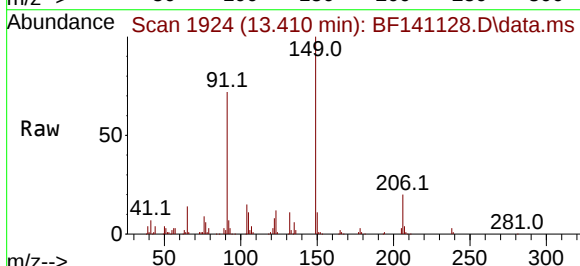
Tgt Ion:149 Resp: 93853

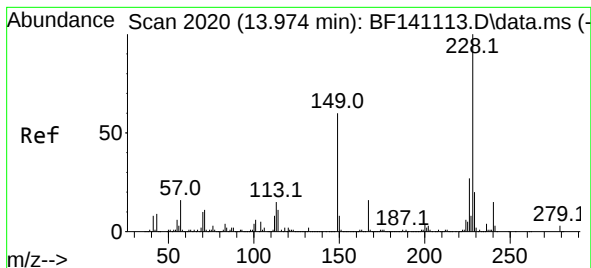
Ion Ratio Lower Upper

149 100

91 72.1 59.0 88.6

206 20.0 16.5 24.7





#81

Benzo(a)anthracene

Concen: 8.067 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

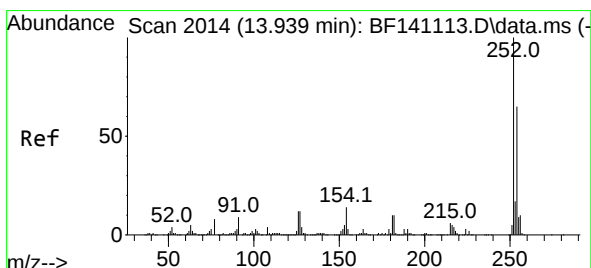
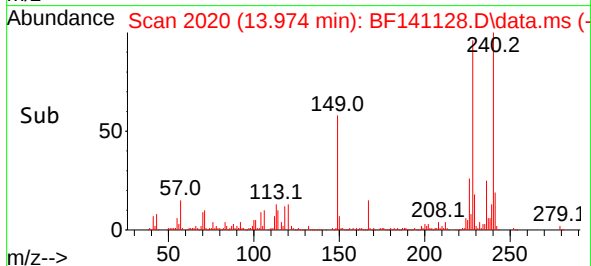
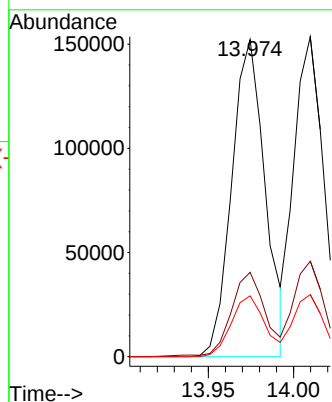
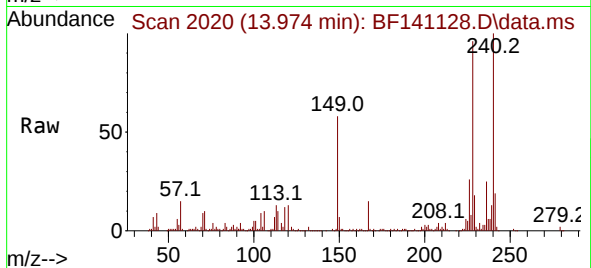
Tgt Ion:228 Resp: 207858

Ion Ratio Lower Upper

228 100

226 26.6 21.7 32.5

229 19.2 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 7.541 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

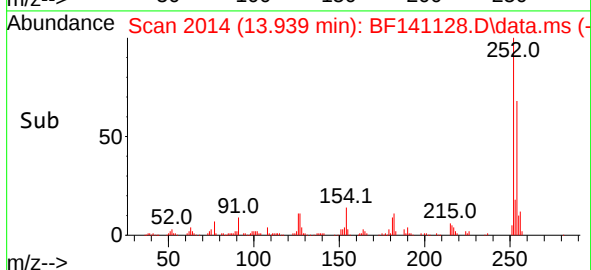
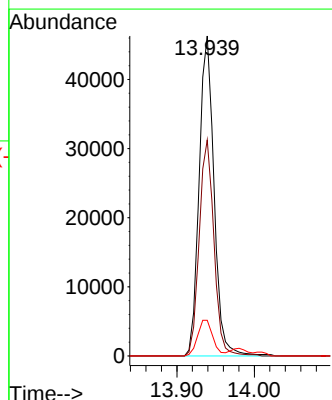
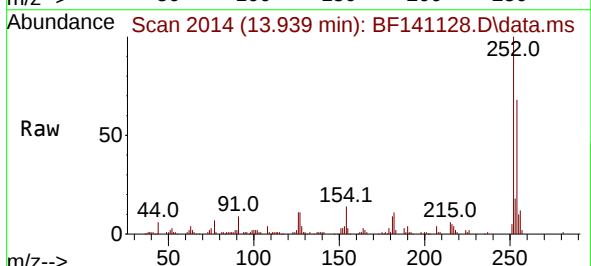
Tgt Ion:252 Resp: 61872

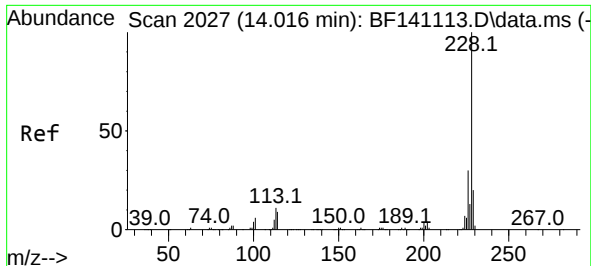
Ion Ratio Lower Upper

252 100

254 67.5 52.0 78.0

126 11.2 9.4 14.0





#83

Chrysene

Concen: 7.742 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

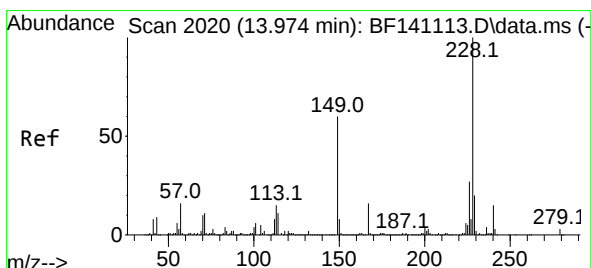
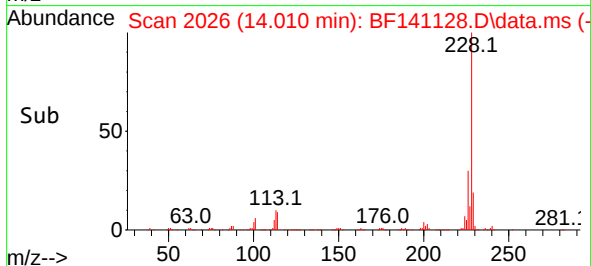
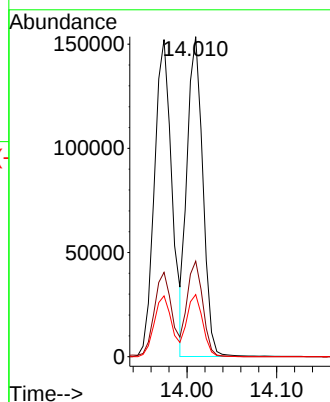
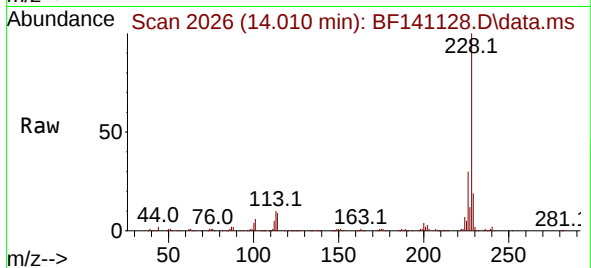
Tgt Ion:228 Resp: 186660

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.230 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

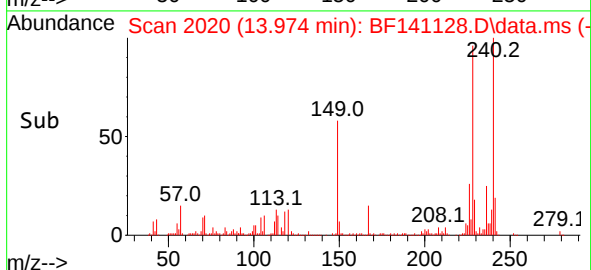
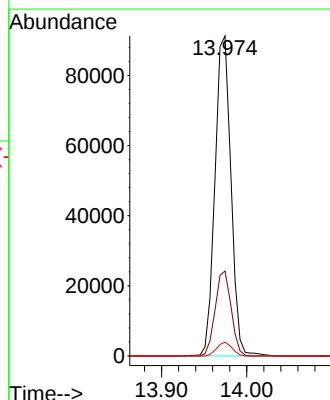
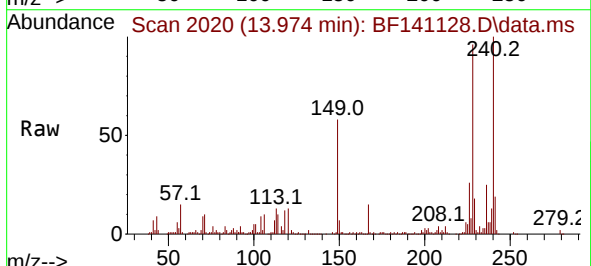
Tgt Ion:149 Resp: 119063

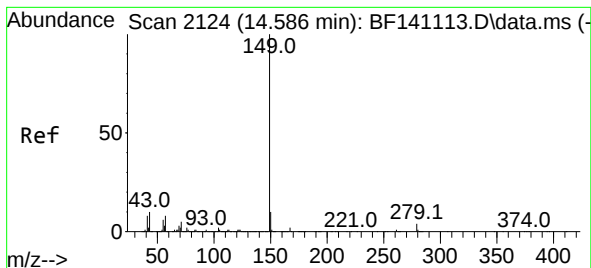
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.2

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 7.208 ng

RT: 14.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

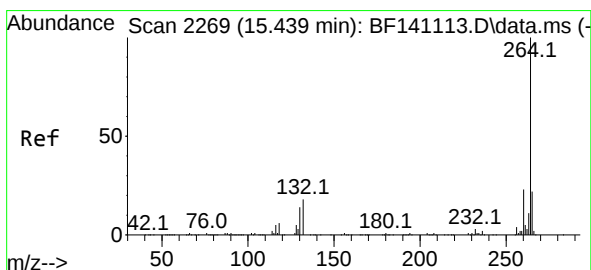
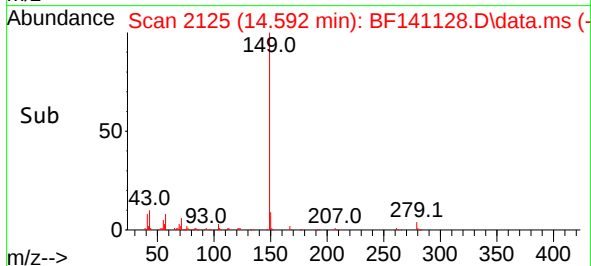
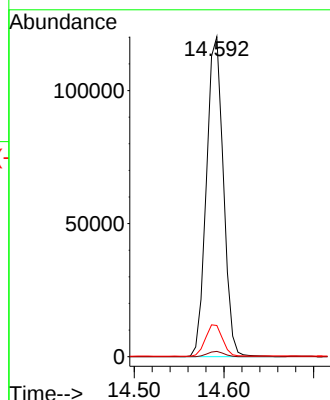
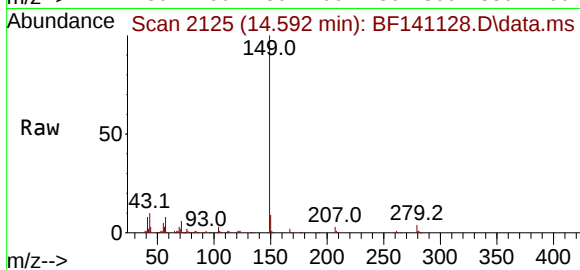
Tgt Ion:149 Resp: 157463

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.9 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

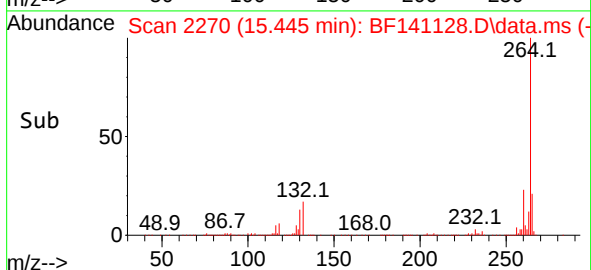
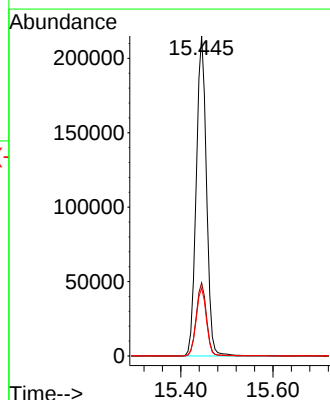
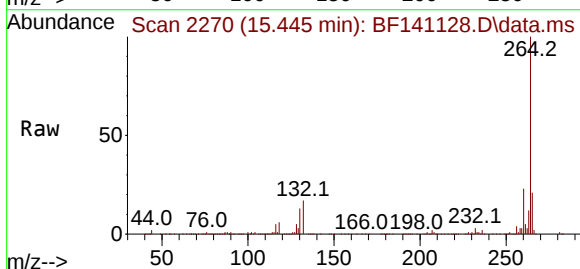
Tgt Ion:264 Resp: 330132

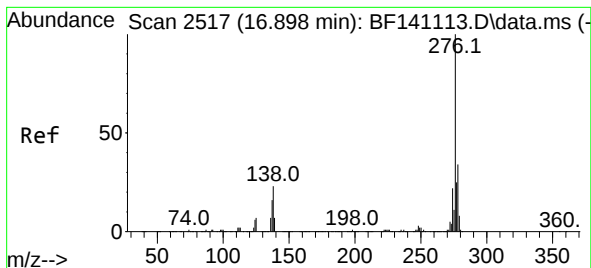
Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.567 ng

RT: 16.886 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

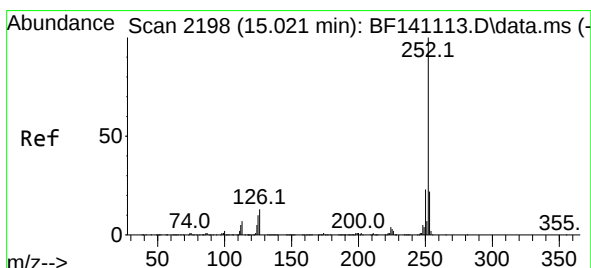
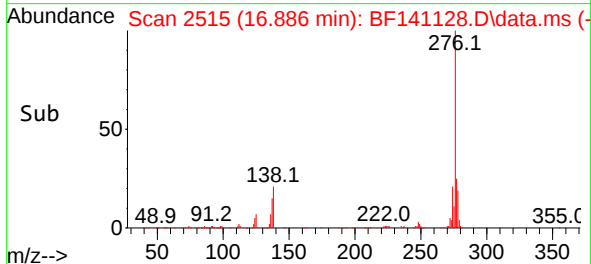
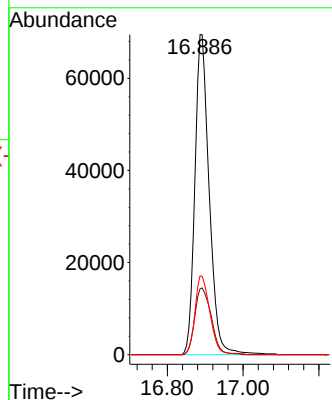
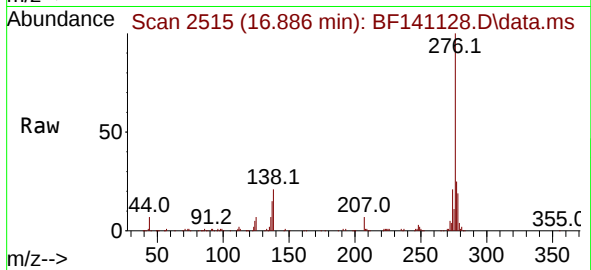
Tgt Ion:276 Resp: 183025

Ion Ratio Lower Upper

276 100

138 23.9 20.7 31.1

277 25.5 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 8.026 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

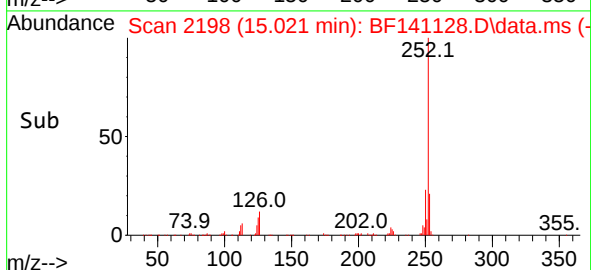
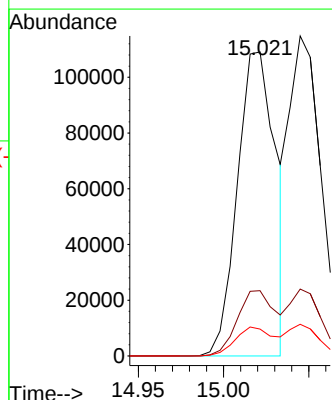
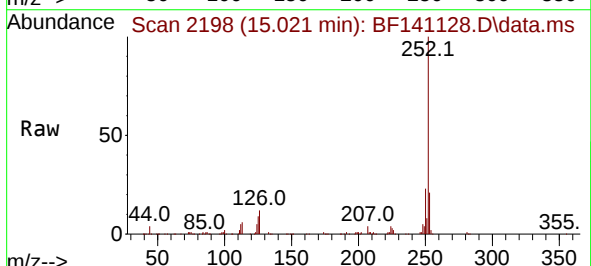
Tgt Ion:252 Resp: 170866

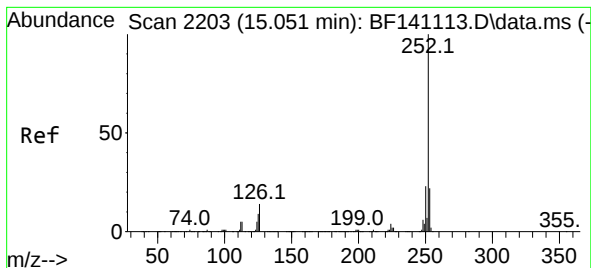
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 8.8 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 8.433 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2024

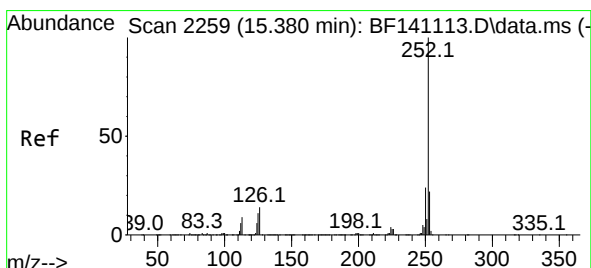
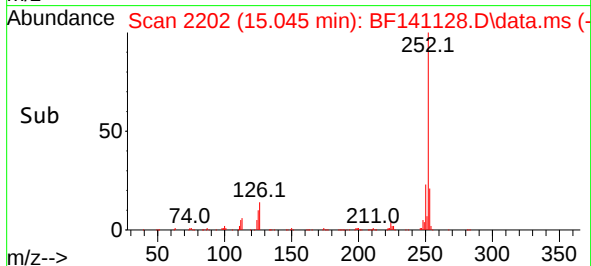
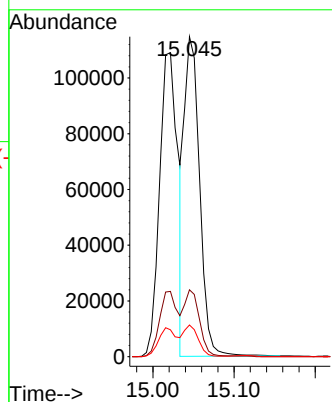
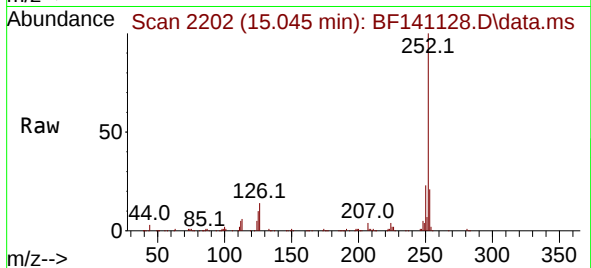
Tgt Ion:252 Resp: 151717

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.8

125 9.9 7.9 11.9



#90

Benzo(a)pyrene

Concen: 8.213 ng

RT: 15.380 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF141128.D

Acq: 13 Jan 2025 16:10

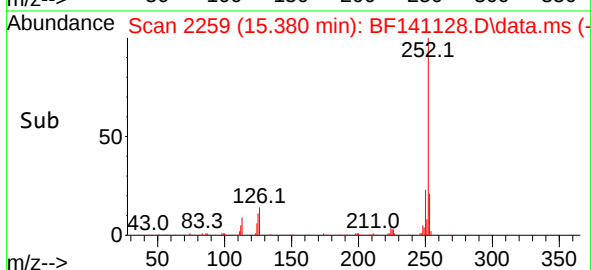
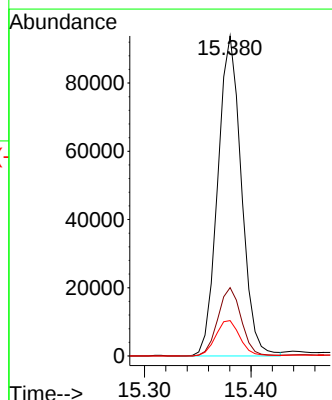
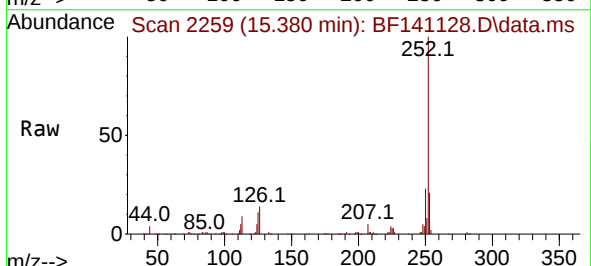
Tgt Ion:252 Resp: 144255

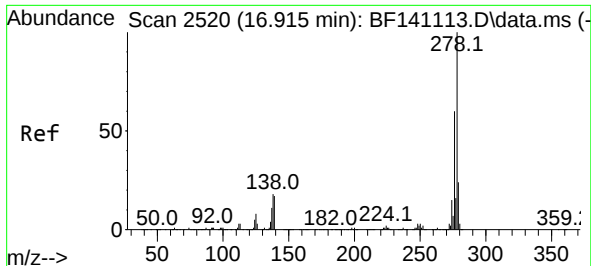
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 11.1 9.1 13.7

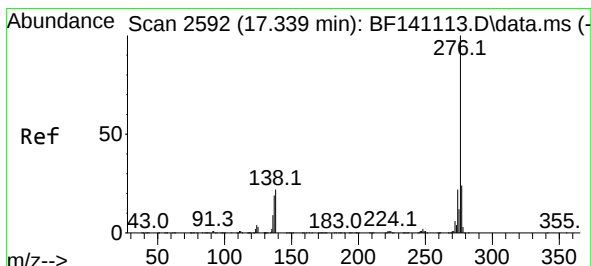
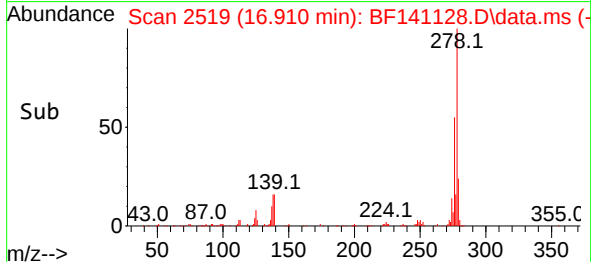
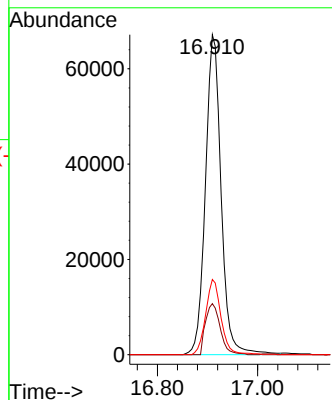
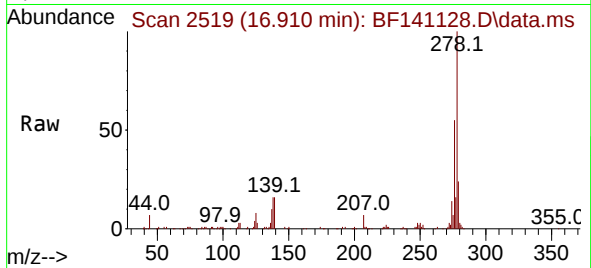




#91
Dibenzo(a,h)anthracene
Concen: 7.489 ng
RT: 16.910 min Scan# 2519
Delta R.T. -0.006 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:278 Resp: 146496
Ion Ratio Lower Upper
278 100
139 16.0 13.8 20.6
279 23.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 7.023 ng
RT: 17.327 min Scan# 2590
Delta R.T. -0.012 min
Lab File: BF141128.D
Acq: 13 Jan 2025 16:10

Tgt Ion:276 Resp: 142898
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 20.2 17.4 26.2

