

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
 Data File : BF140256.D
 Acq On : 06 Nov 2024 14:13
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-10 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Nov 06 14:44:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	165102	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	629727	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	374146	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	676282	20.000	ng	0.00
76) Chrysene-d12	14.086	240	439207	20.000	ng	0.02
86) Perylene-d12	15.627	264	374154	20.000	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1109860	111.402	ng	0.00
7) Phenol-d6	6.504	99	1421711	110.946	ng	0.00
23) Nitrobenzene-d5	7.434	82	1006037	79.429	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	443607	119.951	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1834411	78.290	ng	0.00
79) Terphenyl-d14	12.998	244	2022009	75.416	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.675	88	48923	10.681	ng 97
3) Pyridine	3.469	79	109856	9.830	ng 96
4) n-Nitrosodimethylamine	3.369	42	59649	9.244	ng 92
6) Aniline	6.540	93	152710	13.190	ng 99
8) 2-Chlorophenol	6.663	128	114107	10.947	ng 97
9) Benzaldehyde	6.428	77	99889	12.655	ng 97
10) Phenol	6.516	94	145615	10.699	ng 95
11) bis(2-Chloroethyl)ether	6.610	93	110682	10.706	ng 98
12) 1,3-Dichlorobenzene	6.816	146	128207	10.495	ng 99
13) 1,4-Dichlorobenzene	6.893	146	128926	10.465	ng 99
14) 1,2-Dichlorobenzene	7.046	146	122255	10.625	ng 100
15) Benzyl Alcohol	7.010	79	116253	11.768	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.146	45	182628	10.913	ng 100
17) 2-Methylphenol	7.116	107	91967	10.576	ng 98
18) Hexachloroethane	7.387	117	46275	10.084	ng 97
19) n-Nitroso-di-n-propyla...	7.281	70	86387	10.567	ng 99
20) 3+4-Methylphenols	7.269	107	120938	11.074	ng 92
22) Acetophenone	7.281	105	170588	10.926	ng 92
24) Nitrobenzene	7.451	77	129979	9.780	ng 99
25) Isophorone	7.687	82	225719	10.350	ng 100
26) 2-Nitrophenol	7.769	139	54158	10.244	ng 96
27) 2,4-Dimethylphenol	7.798	122	74057	10.297	ng 97
28) bis(2-Chloroethoxy)met...	7.898	93	138013	10.575	ng 99
29) 2,4-Dichlorophenol	8.010	162	92271	10.370	ng 98
30) 1,2,4-Trichlorobenzene	8.098	180	107672	10.099	ng 99
31) Naphthalene	8.175	128	339999	10.456	ng 99
32) Benzoic acid	7.881	122	69882	11.840	ng 99
33) 4-Chloroaniline	8.222	127	127597	11.919	ng 97
34) Hexachlorobutadiene	8.292	225	70314	9.743	ng 99
35) Caprolactam	8.563	113	27689	10.230	ng 98
36) 4-Chloro-3-methylphenol	8.698	107	101960	10.292	ng 94
37) 2-Methylnaphthalene	8.869	142	231522	10.909	ng 99
38) 1-Methylnaphthalene	8.963	142	210207	10.105	ng 100
40) 1,2,4,5-Tetrachloroben...	9.034	216	117113	10.692	ng 98
41) Hexachlorocyclopentadiene	9.022	237	34890	11.368	ng 99
43) 2,4,6-Trichlorophenol	9.145	196	68235	10.053	ng 97

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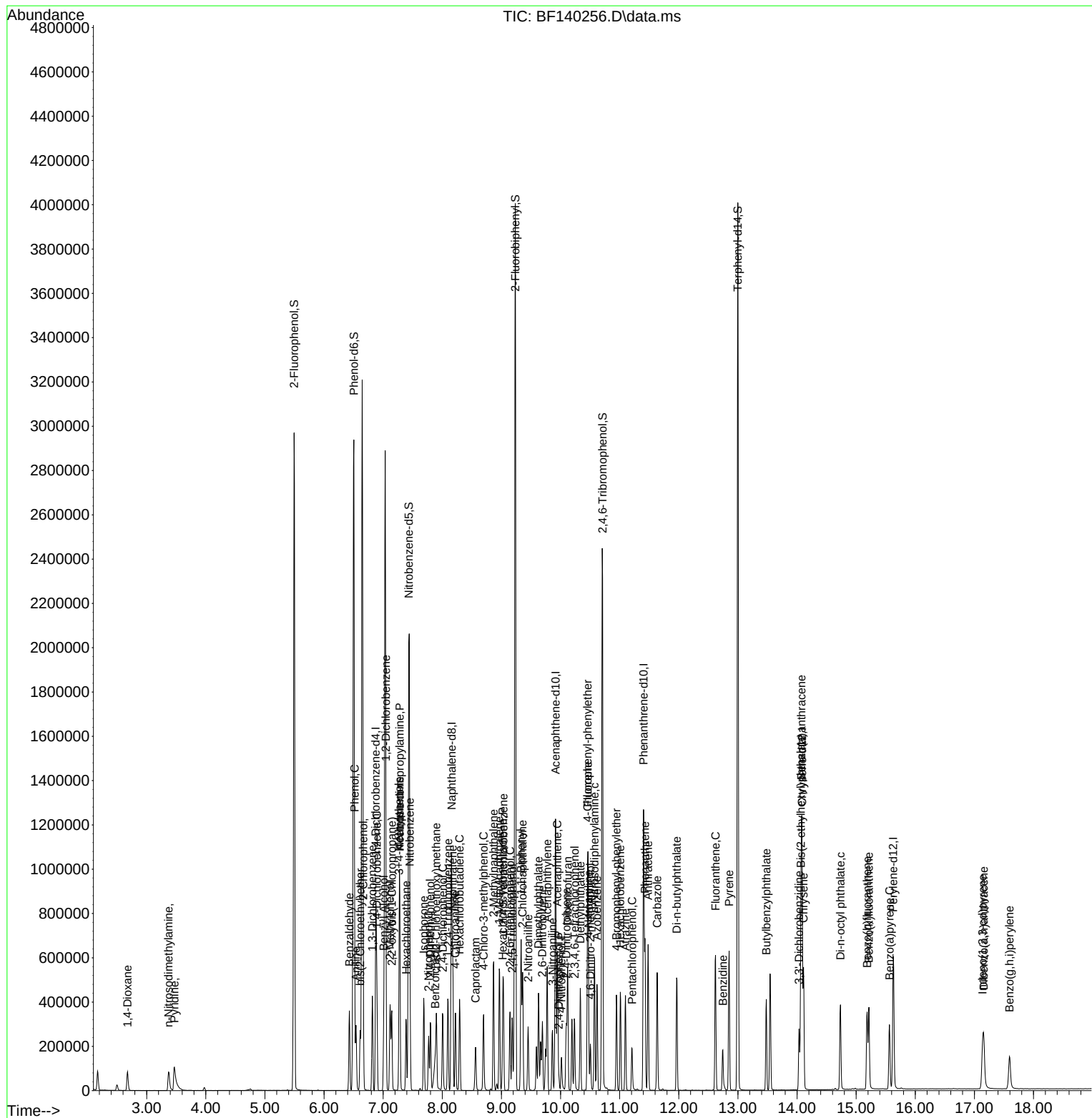
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	72525	10.162	ng	98
46) 1,1'-Biphenyl	9.334	154	296711	10.971	ng	98
47) 2-Chloronaphthalene	9.357	162	208434	10.240	ng	99
48) 2-Nitroaniline	9.451	65	66916	9.830	ng	97
49) Acenaphthylene	9.775	152	333314	11.566	ng	99
50) Dimethylphthalate	9.628	163	244650	10.617	ng	99
51) 2,6-Dinitrotoluene	9.692	165	52012	9.603	ng	99
52) Acenaphthene	9.945	154	205411	10.050	ng	99
53) 3-Nitroaniline	9.863	138	54520	10.690	ng	94
54) 2,4-Dinitrophenol	9.969	184	10820	9.890	ng	# 77
55) Dibenzofuran	10.122	168	314563	11.006	ng	97
56) 4-Nitrophenol	10.016	139	31828	8.876	ng	96
57) 2,4-Dinitrotoluene	10.098	165	70162	9.982	ng	92
58) Fluorene	10.463	166	240911	10.589	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	60121	10.283	ng	97
60) Diethylphthalate	10.334	149	237012	10.351	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	120330	10.494	ng	98
62) 4-Nitroaniline	10.475	138	50244	9.914	ng	95
63) Azobenzene	10.616	77	247008	10.406	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	37114	10.449	ng	98
66) n-Nitrosodiphenylamine	10.575	169	208215	10.705	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	77033	10.578	ng	99
68) Hexachlorobenzene	11.010	284	83923	10.110	ng	99
69) Atrazine	11.098	200	72086	13.546	ng	99
70) Pentachlorophenol	11.210	266	34414	7.721	ng	98
71) Phenanthrene	11.428	178	357994	11.092	ng	98
72) Anthracene	11.481	178	356333	11.259	ng	99
73) Carbazole	11.633	167	306407	10.596	ng	99
74) Di-n-butylphthalate	11.963	149	362910	10.602	ng	99
75) Fluoranthene	12.622	202	362662	10.746	ng	98
77) Benzidine	12.745	184	110521	12.870	ng	98
78) Pyrene	12.851	202	370163	10.207	ng	99
80) Butylbenzylphthalate	13.480	149	127695	9.779	ng	95
81) Benzo(a)anthracene	14.074	228	295947	10.500	ng	98
82) 3,3'-Dichlorobenzidine	14.033	252	87396	9.874	ng	100
83) Chrysene	14.110	228	275498	10.437	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	184330	10.072	ng	100
85) Di-n-octyl phthalate	14.733	149	265339	9.632	ng	98
87) Indeno(1,2,3-cd)pyrene	17.139	276	206099	9.384	ng	100
88) Benzo(b)fluoranthene	15.186	252	219752	9.710	ng	99
89) Benzo(k)fluoranthene	15.216	252	229487	11.050	ng	98
90) Benzo(a)pyrene	15.563	252	194396	10.418	ng	99
91) Dibenzo(a,h)anthracene	17.157	278	165952	9.184	ng	98
92) Benzo(g,h,i)perylene	17.592	276	153893	8.349	ng	99

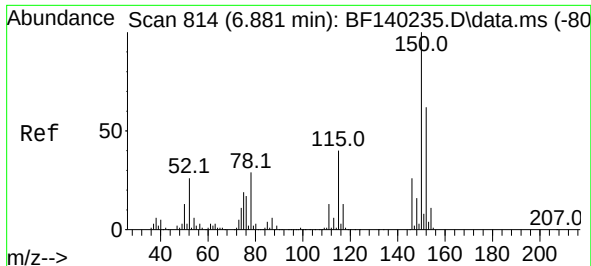
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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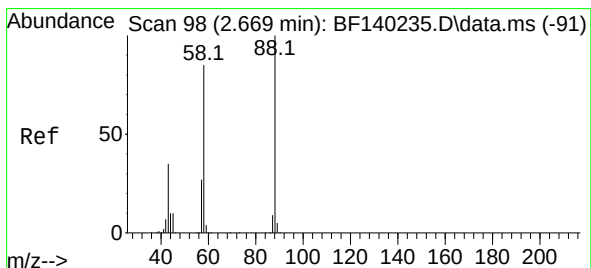
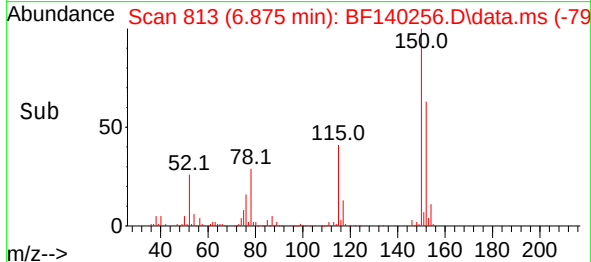
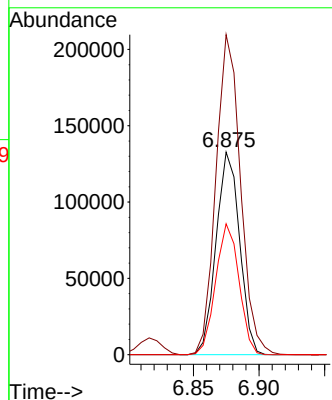
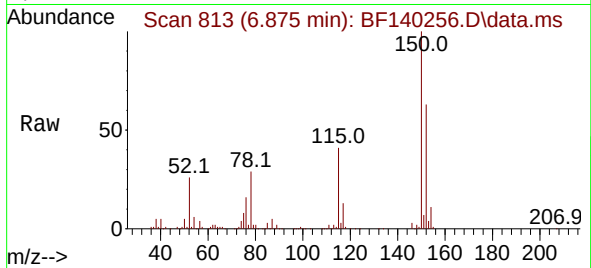




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

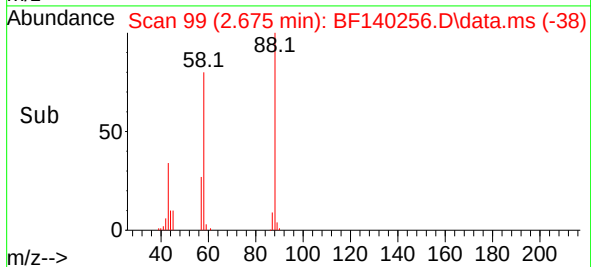
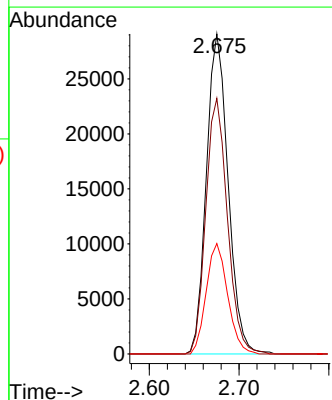
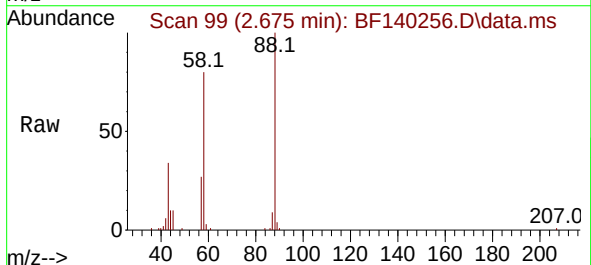
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

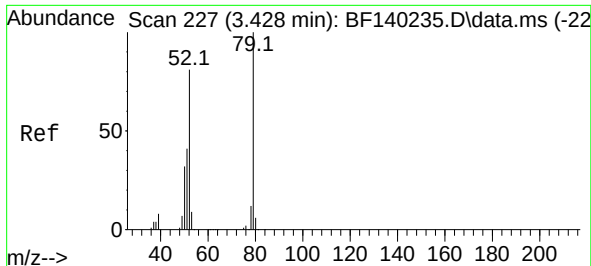
Tgt Ion:152 Resp: 165102
Ion Ratio Lower Upper
152 100
150 158.0 129.4 194.2
115 64.6 51.5 77.3



#2
1,4-Dioxane
Concen: 10.681 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion: 88 Resp: 48923
Ion Ratio Lower Upper
88 100
58 79.6 66.7 100.1
43 34.2 27.8 41.8





#3

Pyridine

Concen: 9.830 ng

RT: 3.469 min Scan# 217

Delta R.T. 0.041 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

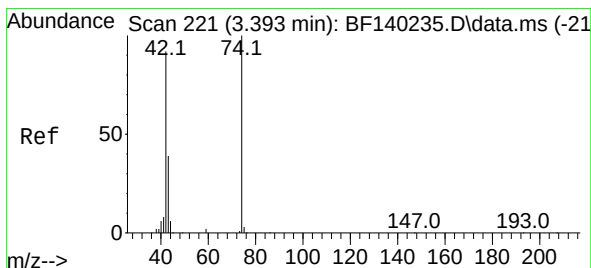
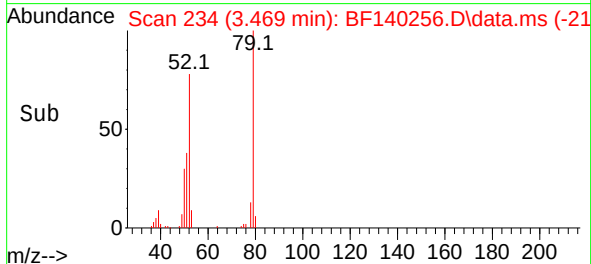
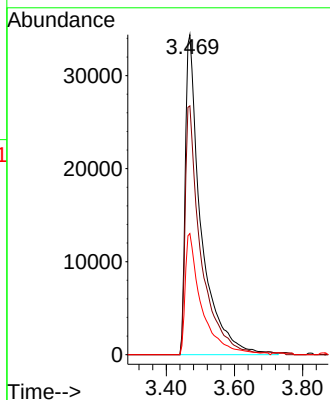
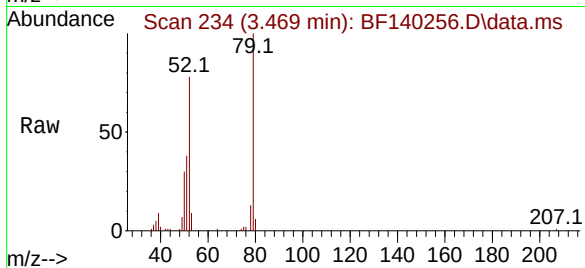
Tgt Ion: 79 Resp: 109856

Ion Ratio Lower Upper

79 100

52 77.7 64.6 97.0

51 37.9 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 9.244 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.023 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

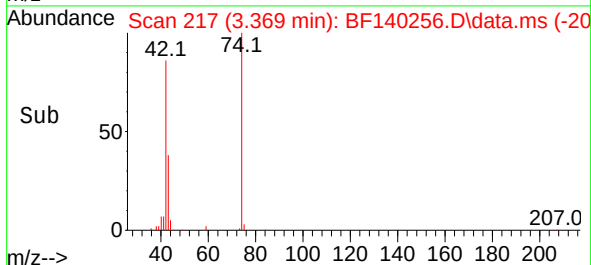
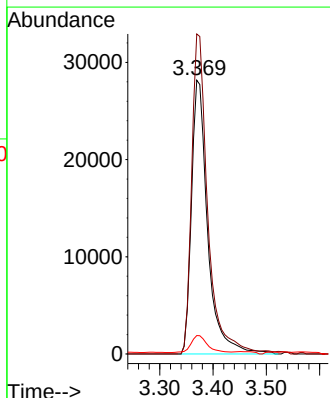
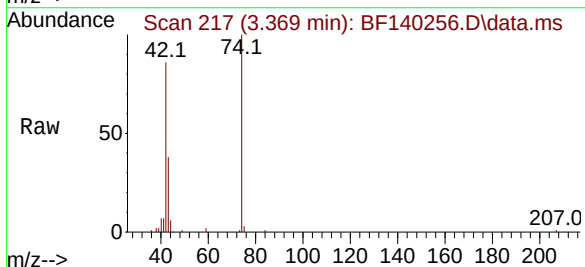
Tgt Ion: 42 Resp: 59649

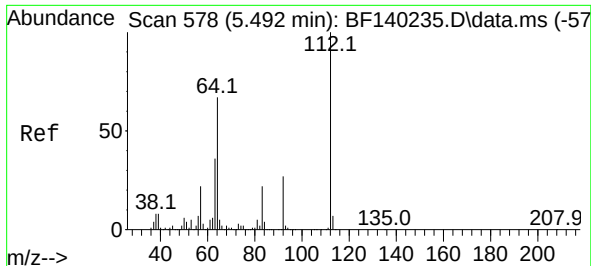
Ion Ratio Lower Upper

42 100

74 116.9 86.9 130.3

44 6.7 5.0 7.6

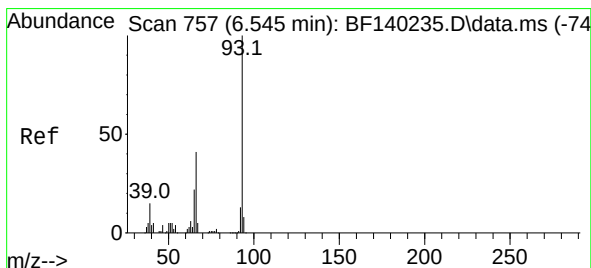
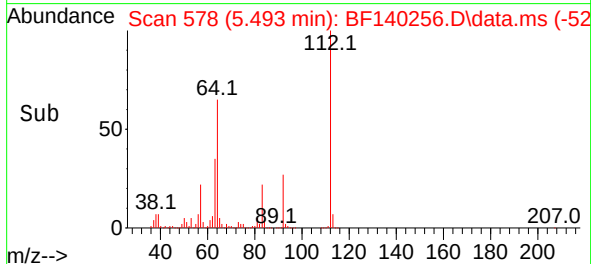
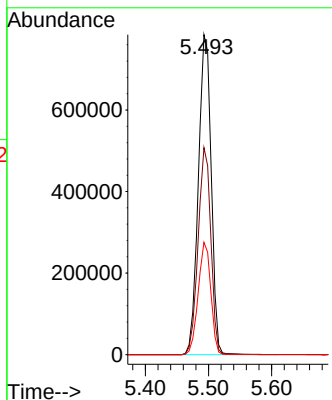
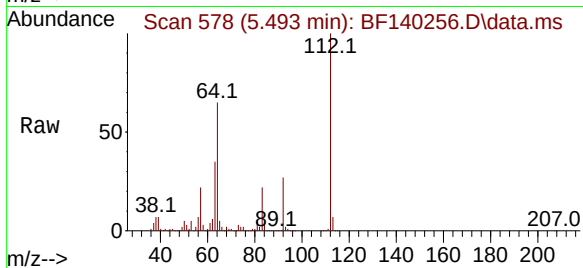




#5
2-Fluorophenol
Concen: 111.402 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

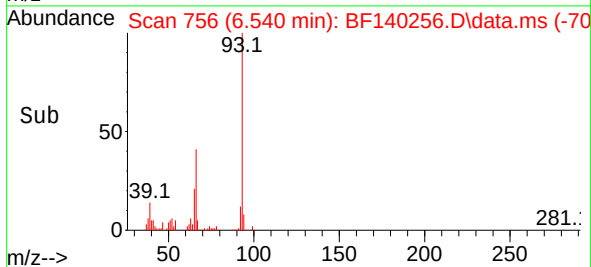
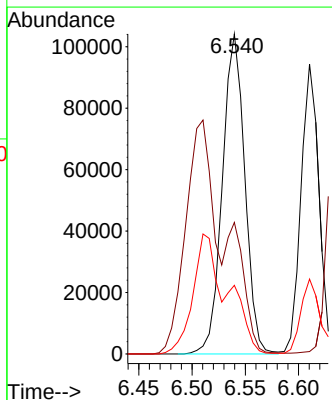
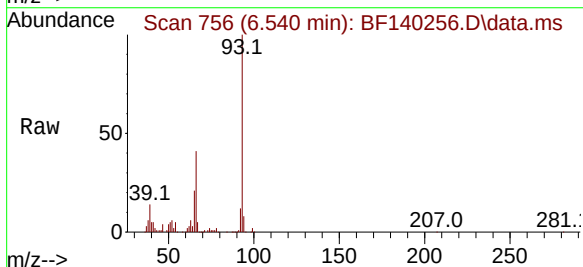
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

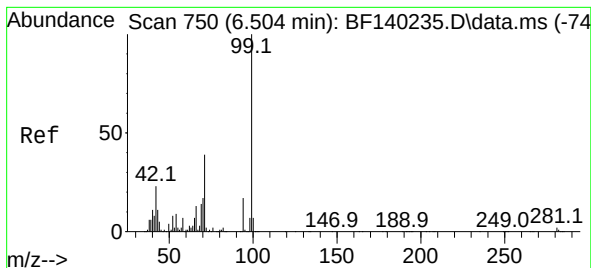
Tgt Ion:112 Resp: 1109860
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 35.1 28.9 43.3



#6
Aniline
Concen: 13.190 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion: 93 Resp: 152710
Ion Ratio Lower Upper
93 100
66 41.1 33.6 50.4
65 21.5 17.5 26.3





#7

Phenol-d6

Concen: 110.946 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

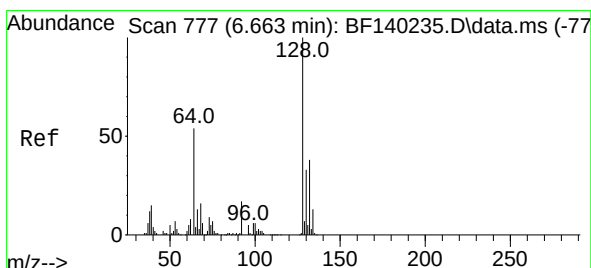
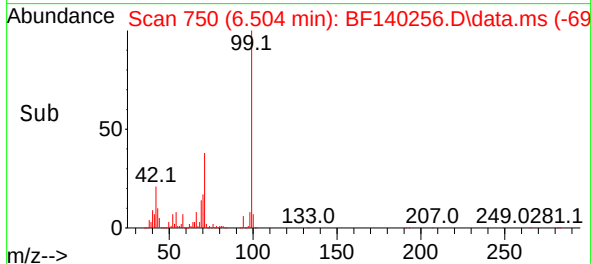
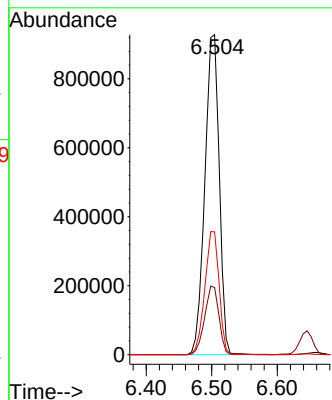
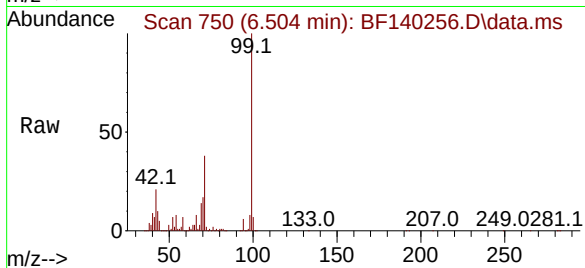
Tgt Ion: 99 Resp: 1421711

Ion Ratio Lower Upper

99 100

42 21.0 18.2 27.2

71 38.4 30.9 46.3



#8

2-Chlorophenol

Concen: 10.947 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

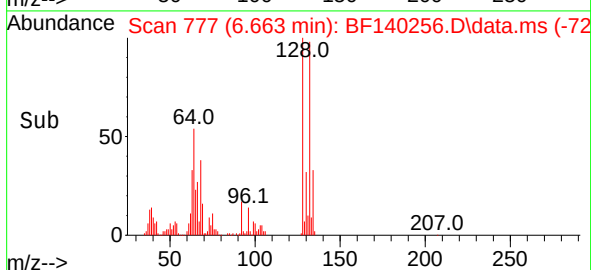
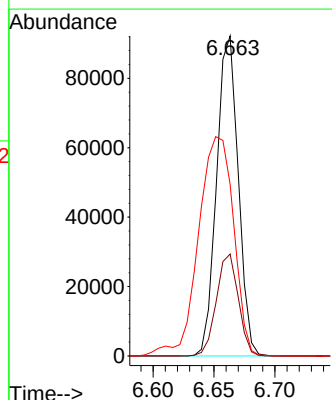
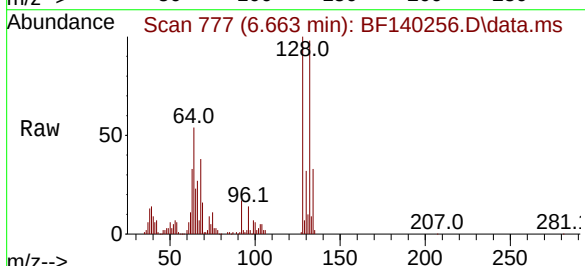
Tgt Ion:128 Resp: 114107

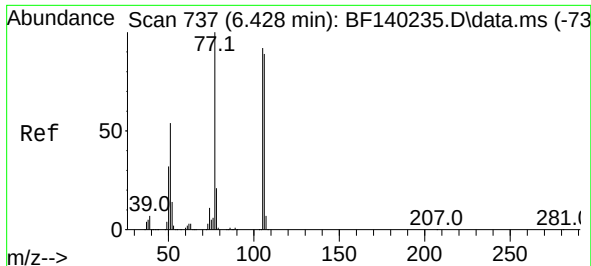
Ion Ratio Lower Upper

128 100

130 31.8 12.9 52.9

64 53.7 36.3 76.3

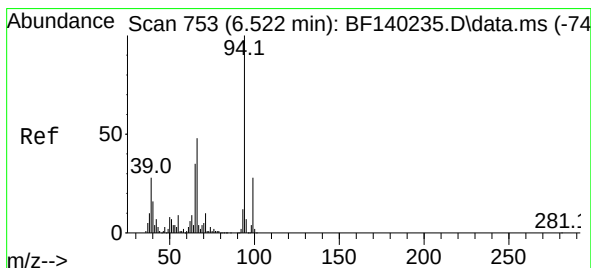
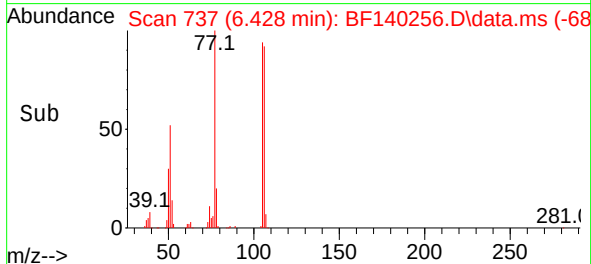
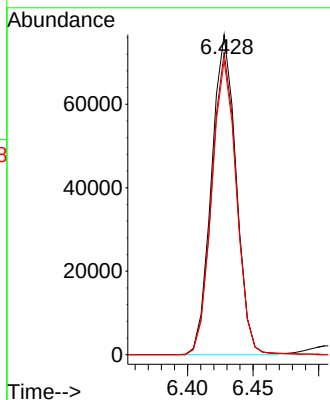
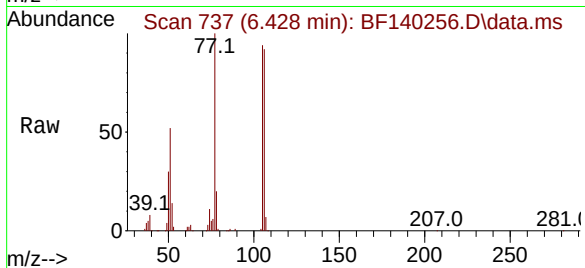




#9
Benzaldehyde
Concen: 12.655 ng
RT: 6.428 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

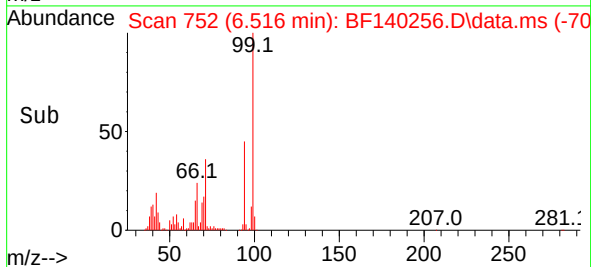
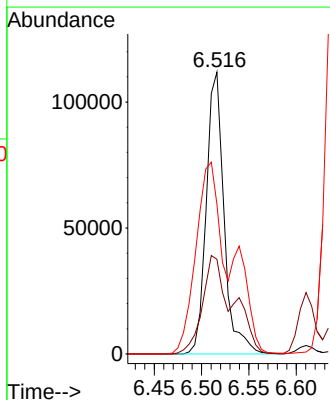
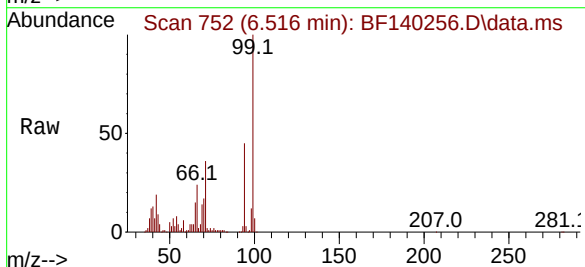
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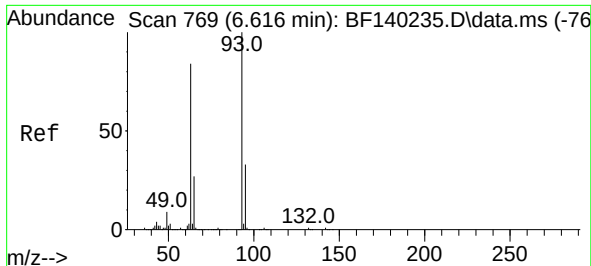
Tgt Ion: 77 Resp: 99889
Ion Ratio Lower Upper
77 100
105 94.4 72.1 112.1
106 91.8 68.8 108.8



#10
Phenol
Concen: 10.699 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion: 94 Resp: 145615
Ion Ratio Lower Upper
94 100
65 33.6 15.1 55.1
66 53.2 28.8 68.8

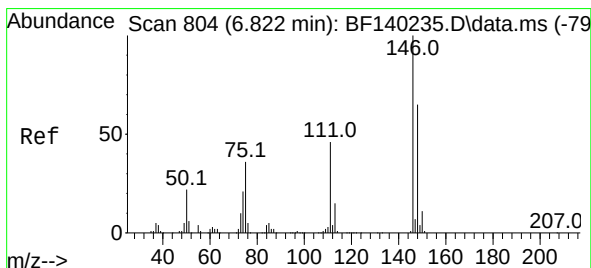
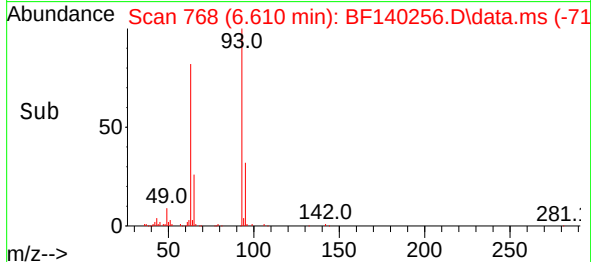
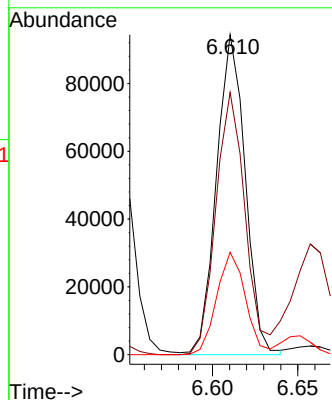
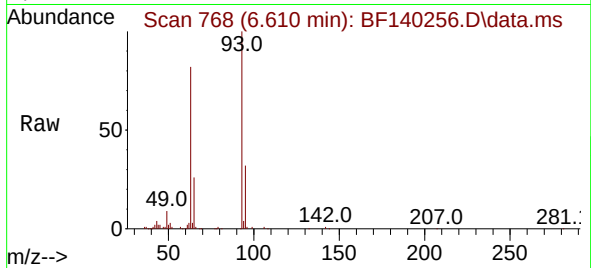




#11
bis(2-Chloroethyl)ether
Concen: 10.706 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

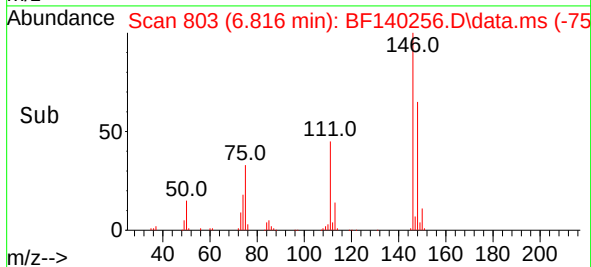
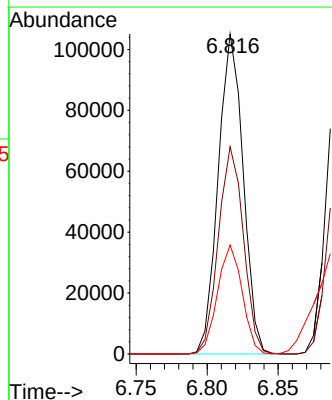
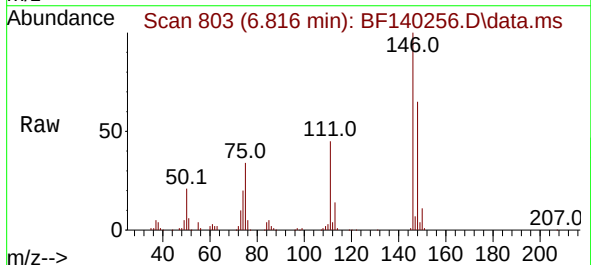
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2024

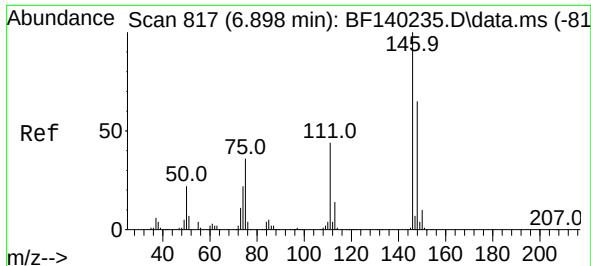
Tgt Ion: 93 Resp: 110682
Ion Ratio Lower Upper
93 100
63 81.9 63.6 103.6
95 32.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 10.495 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:146 Resp: 128207
Ion Ratio Lower Upper
146 100
148 64.7 51.7 77.5
75 34.0 28.4 42.6

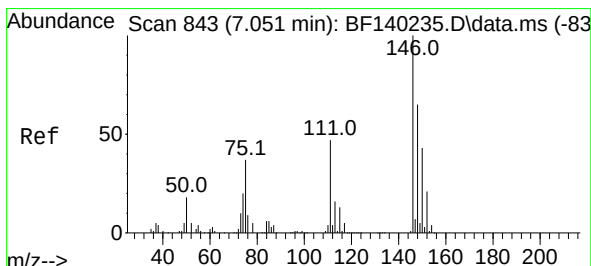
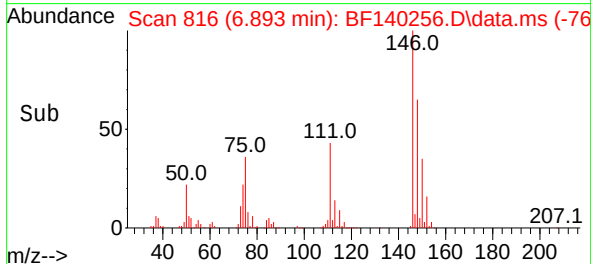
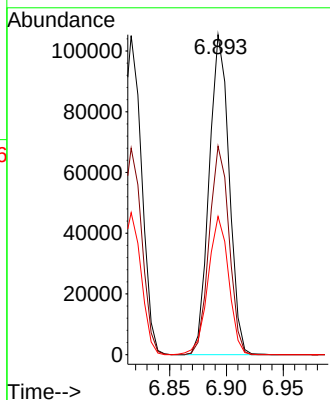
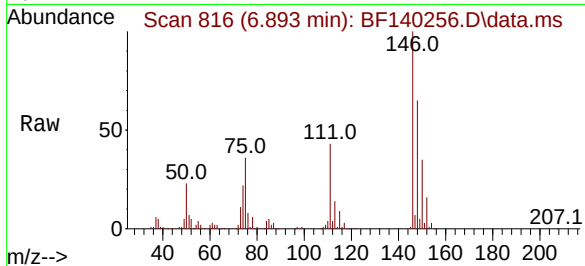




#13
1,4-Dichlorobenzene
Concen: 10.465 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

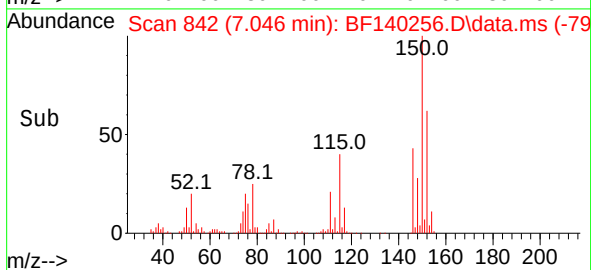
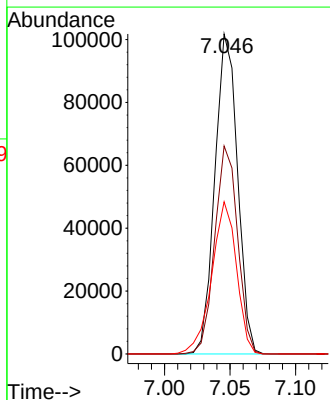
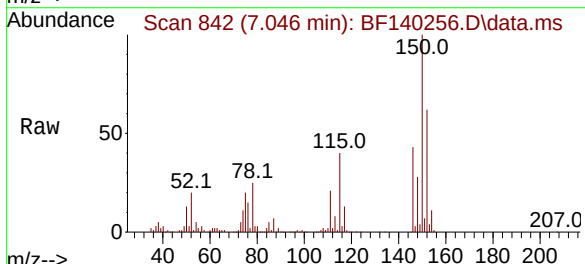
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

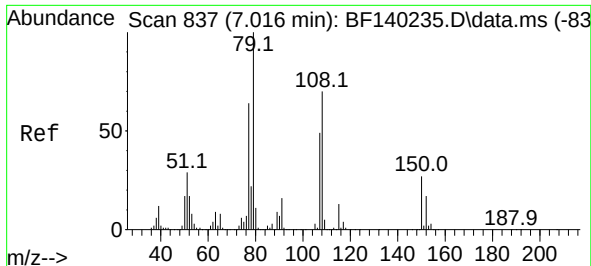
Tgt Ion:146 Resp: 128926
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.6
111 43.2 35.4 53.2



#14
1,2-Dichlorobenzene
Concen: 10.625 ng
RT: 7.046 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:146 Resp: 122255
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.6
111 47.5 37.9 56.9

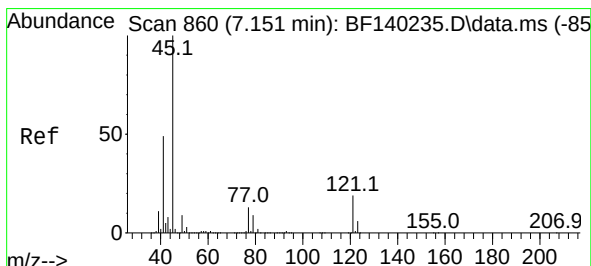
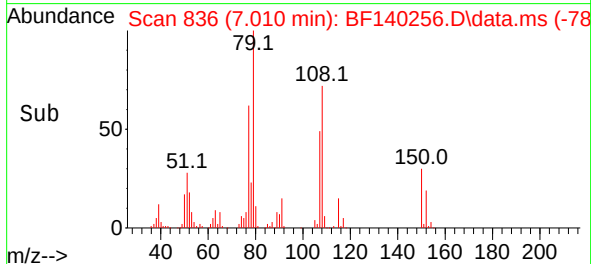
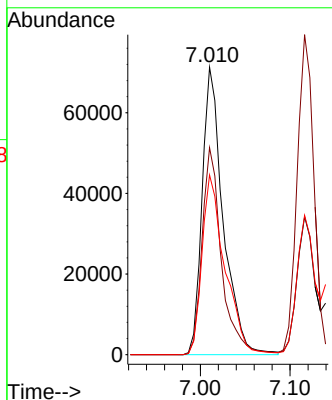
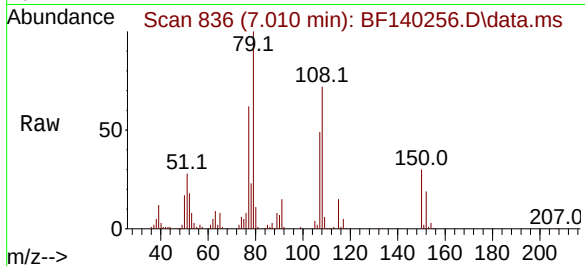




#15
Benzyl Alcohol
Concen: 11.768 ng
RT: 7.010 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

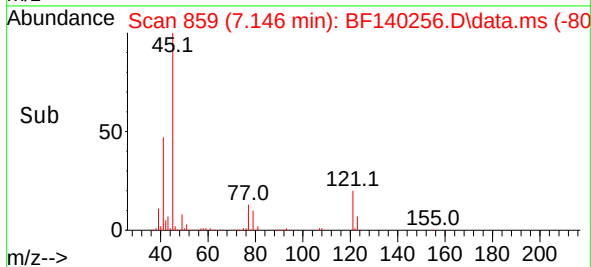
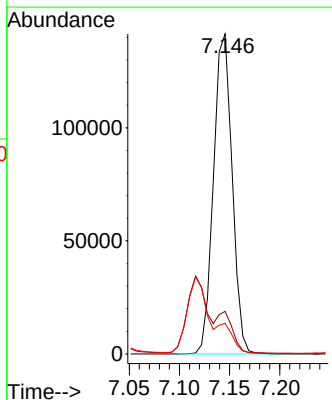
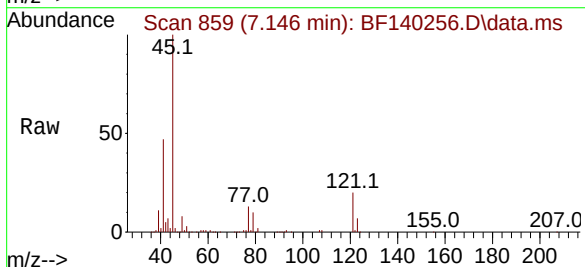
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

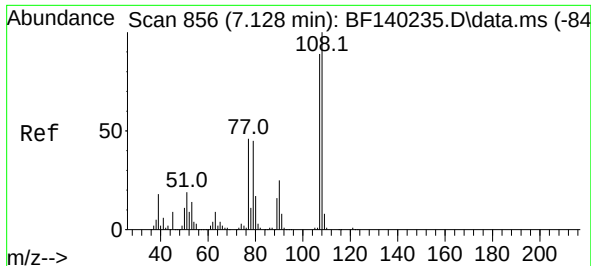
Tgt Ion: 79 Resp: 116253
Ion Ratio Lower Upper
79 100
108 72.0 55.8 83.6
77 62.5 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.913 ng
RT: 7.146 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion: 45 Resp: 182628
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.3
79 9.6 0.0 29.9

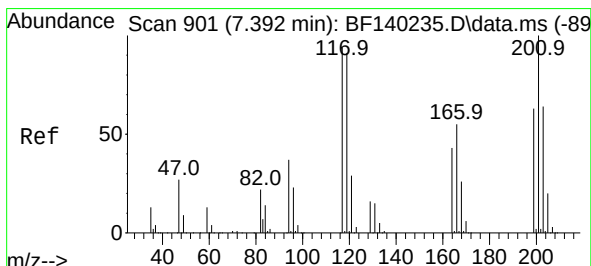
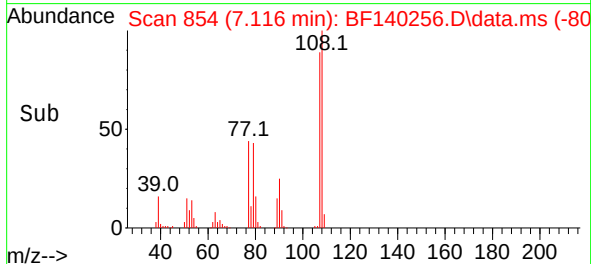
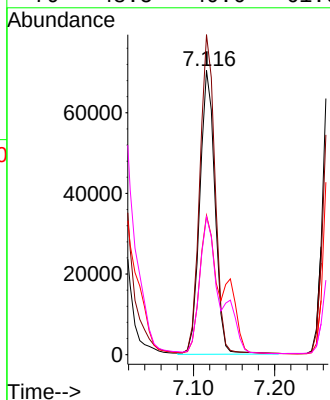
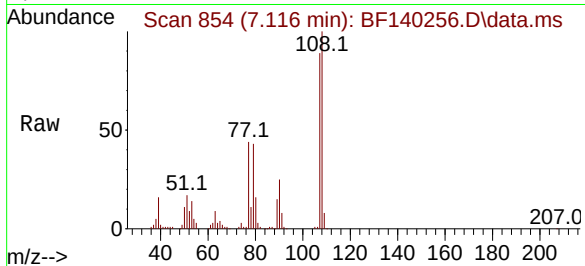




#17
2-Methylphenol
Concen: 10.576 ng
RT: 7.116 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

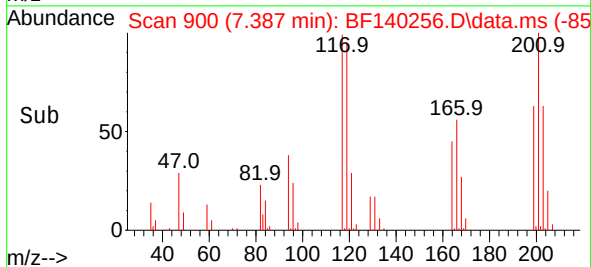
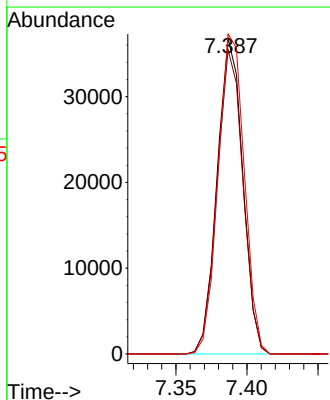
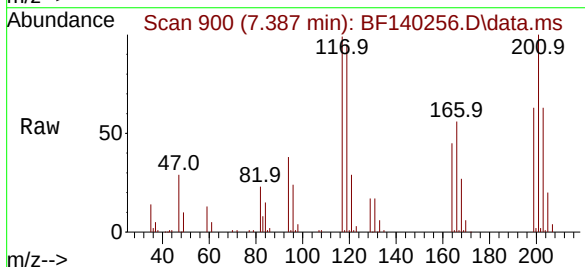
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

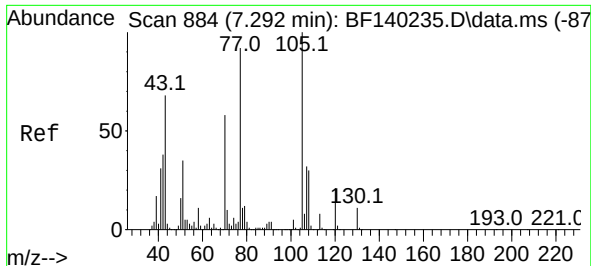
Tgt Ion:	107	Resp:	91967
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.5	135.7
77	49.0	41.8	62.6
79	48.5	40.6	61.0



#18
Hexachloroethane
Concen: 10.084 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:	117	Resp:	46275
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.3	115.9
201	101.4	85.1	127.7





#19

n-Nitroso-di-n-propylamine

Concen: 10.567 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 70 Resp: 86387

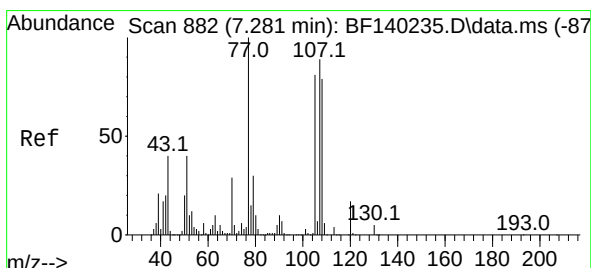
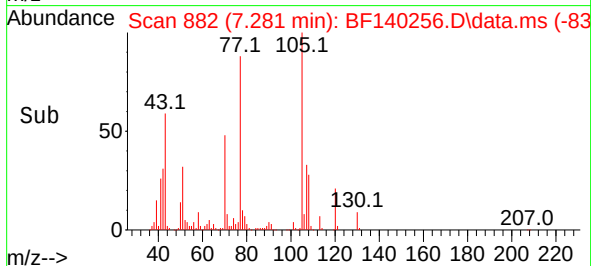
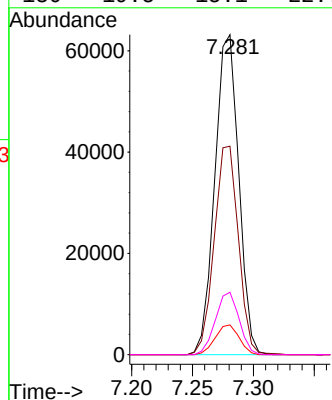
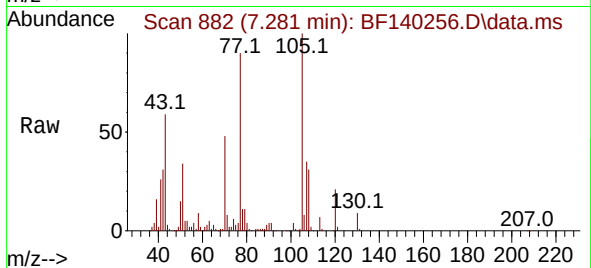
Ion Ratio Lower Upper

70 100

42 65.2 52.8 79.2

101 9.3 7.4 11.2

130 19.5 15.1 22.7



#20

3+4-Methylphenols

Concen: 11.074 ng

RT: 7.269 min Scan# 880

Delta R.T. -0.012 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Tgt Ion:107 Resp: 120938

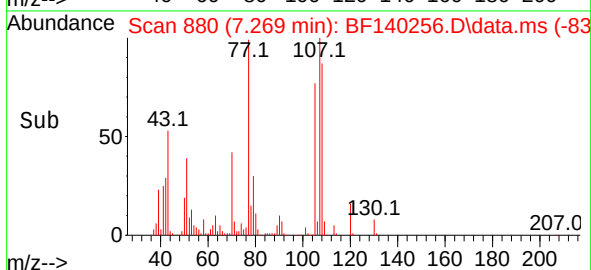
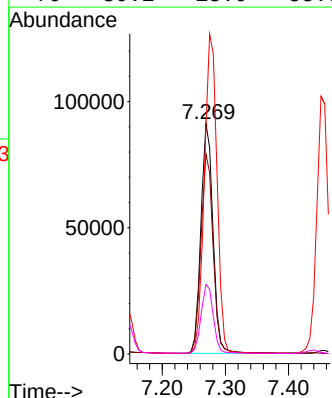
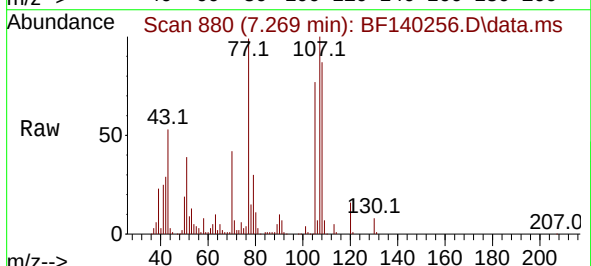
Ion Ratio Lower Upper

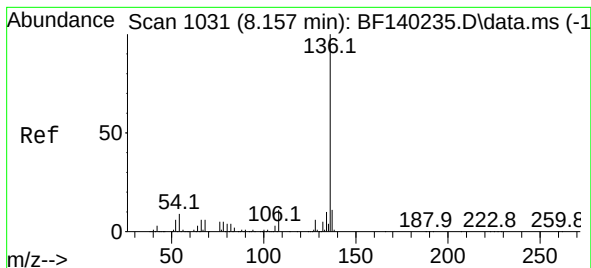
107 100

108 86.8 69.4 109.4

77 98.7 92.7 132.7

79 30.2 13.9 53.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140256.D

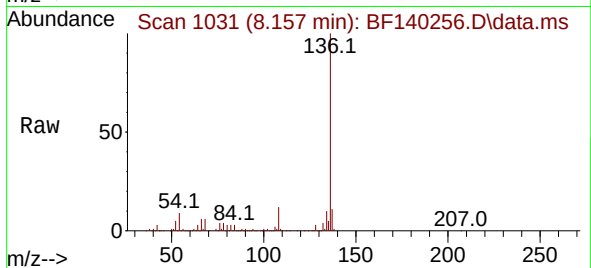
Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:136 Resp: 629727

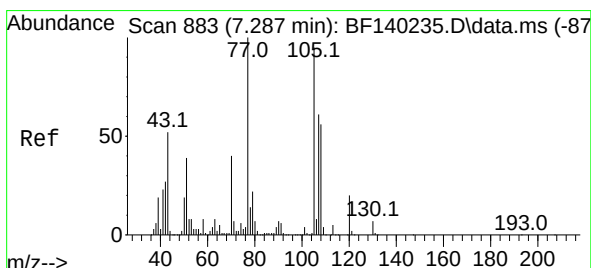
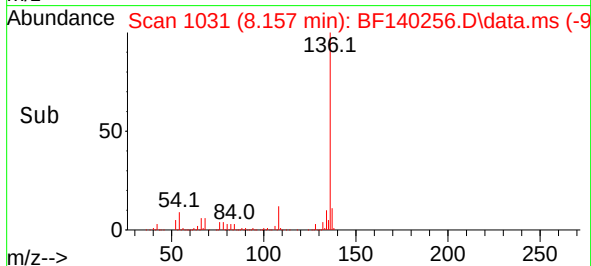
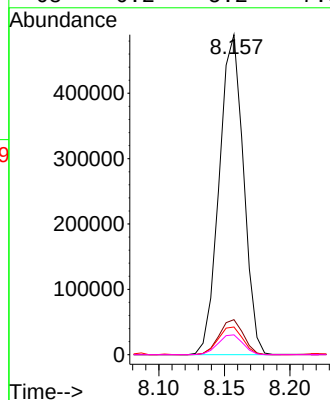
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 8.6 7.7 11.5

68 6.2 5.2 7.8



#22

Acetophenone

Concen: 10.926 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Tgt Ion:105 Resp: 170588

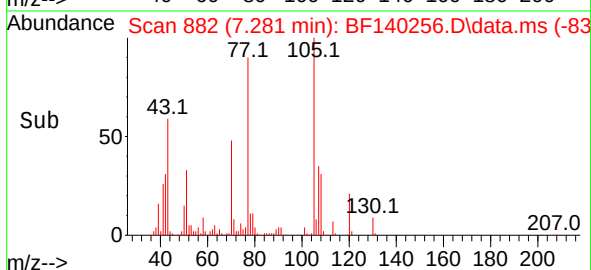
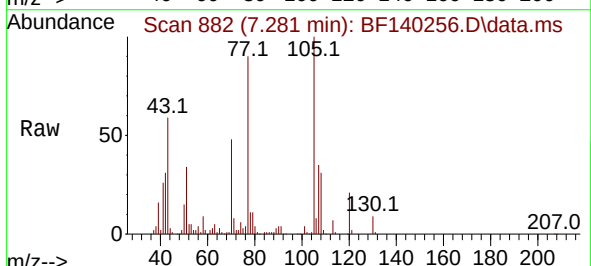
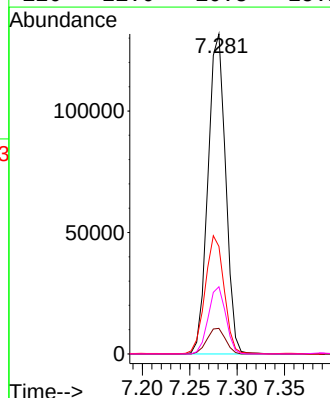
Ion Ratio Lower Upper

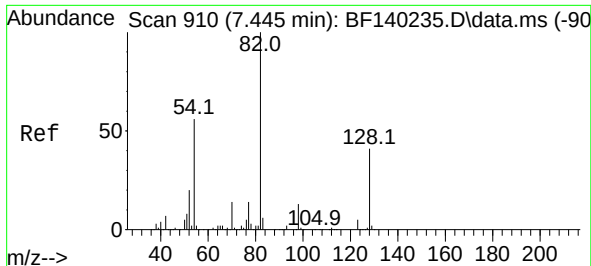
105 100

71 8.0 5.6 8.4

51 33.6 33.2 49.8

120 21.0 16.8 25.2





#23

Nitrobenzene-d5

Concen: 79.429 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

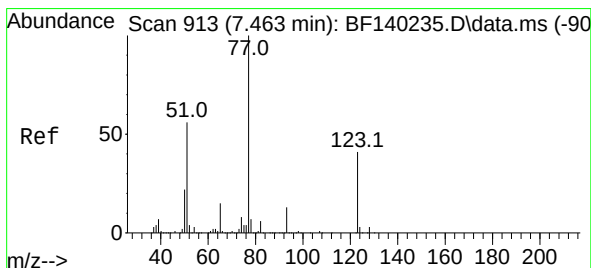
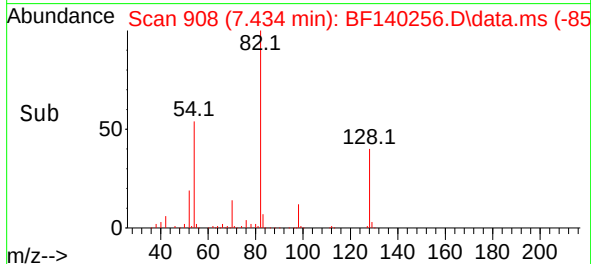
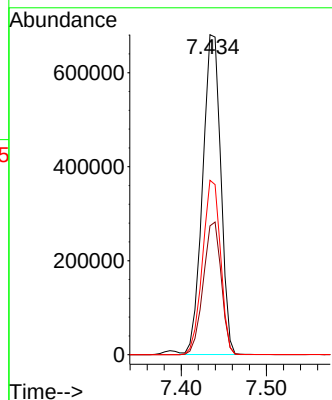
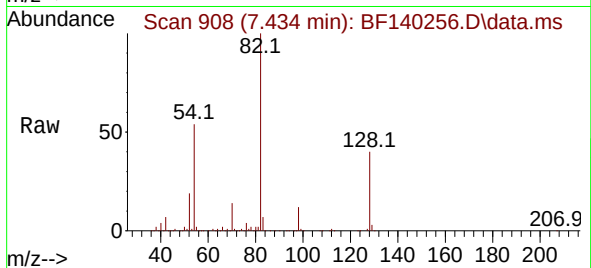
Tgt Ion: 82 Resp: 1006037

Ion Ratio Lower Upper

82 100

128 40.2 32.8 49.2

54 54.5 44.3 66.5



#24

Nitrobenzene

Concen: 9.780 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

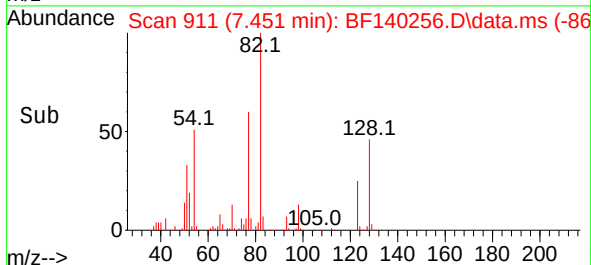
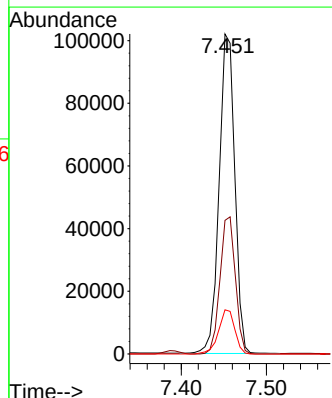
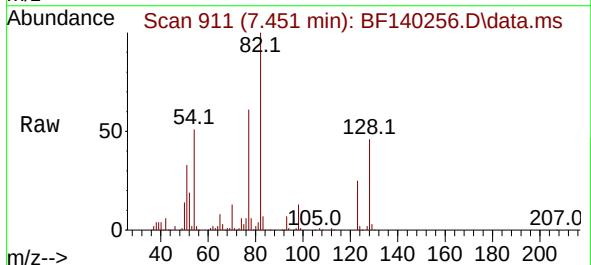
Tgt Ion: 77 Resp: 129979

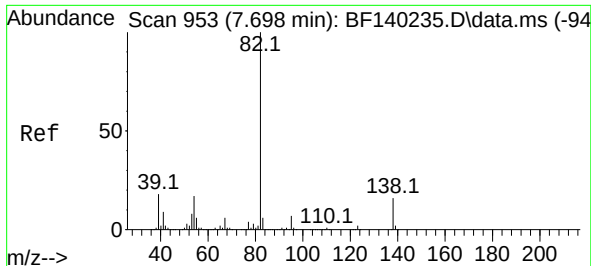
Ion Ratio Lower Upper

77 100

123 41.8 33.0 49.4

65 13.8 11.7 17.5

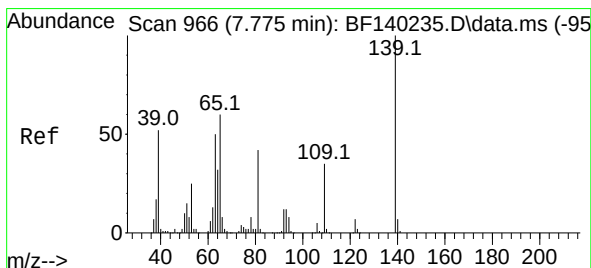
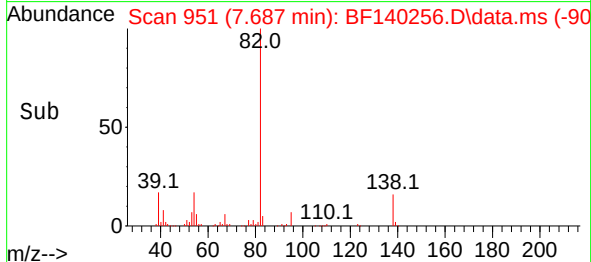
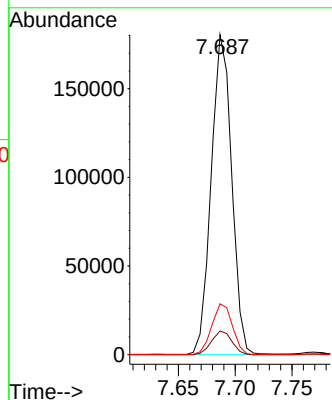
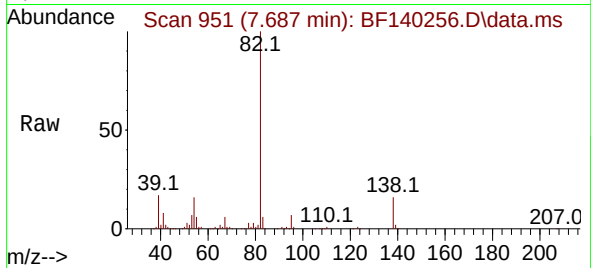




#25
Isophorone
Concen: 10.350 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

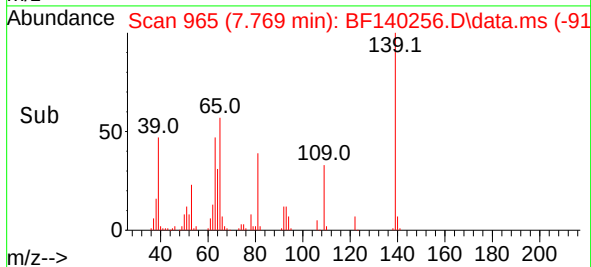
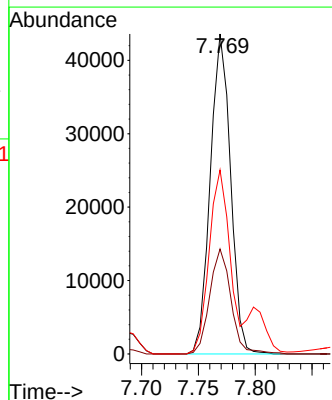
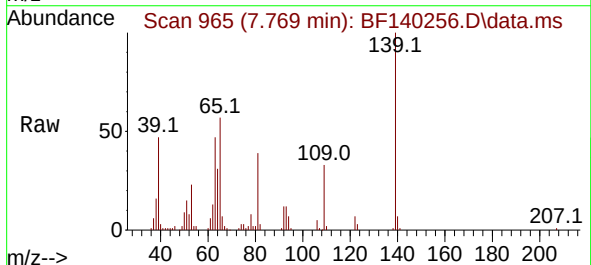
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

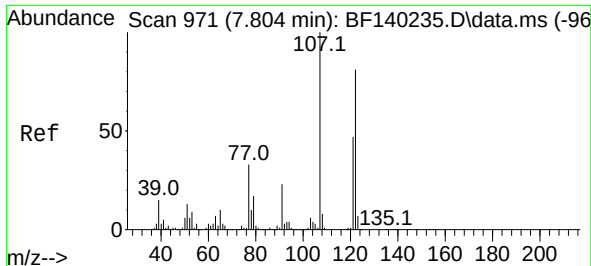
Tgt Ion: 82 Resp: 225719
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 15.9 12.9 19.3



#26
2-Nitrophenol
Concen: 10.244 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:139 Resp: 54158
Ion Ratio Lower Upper
139 100
109 32.8 27.8 41.8
65 57.5 48.2 72.2

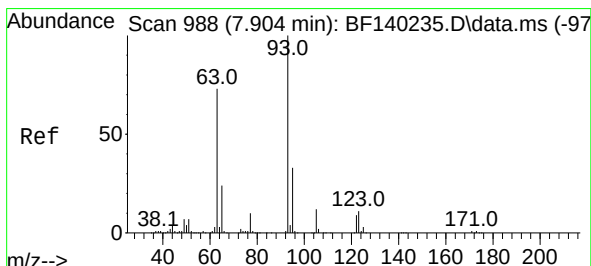
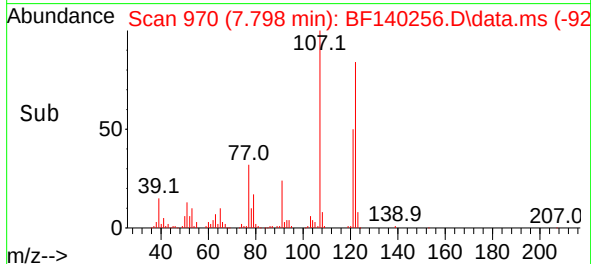
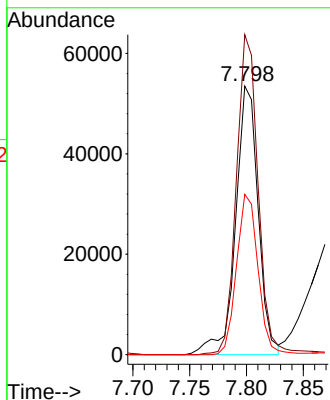
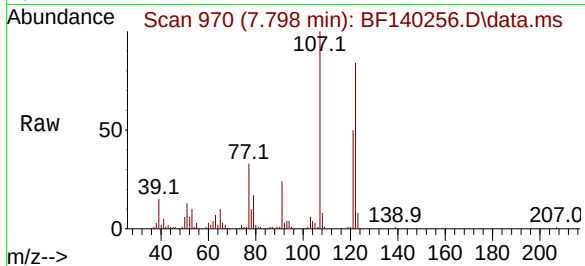




#27
2,4-Dimethylphenol
Concen: 10.297 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

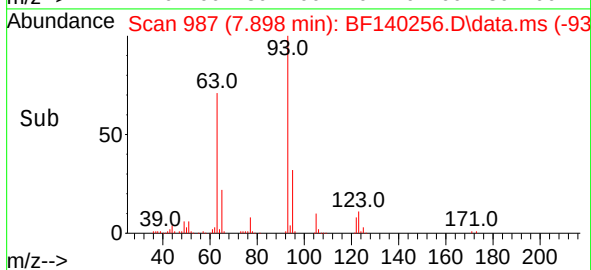
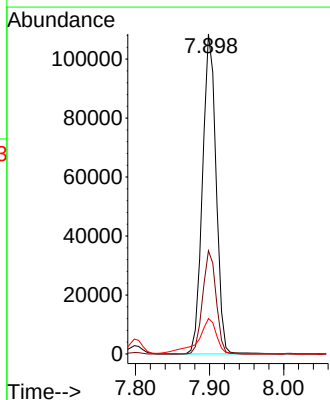
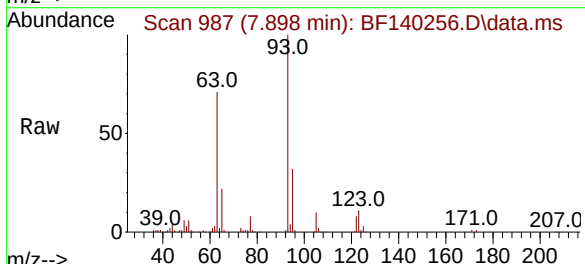
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

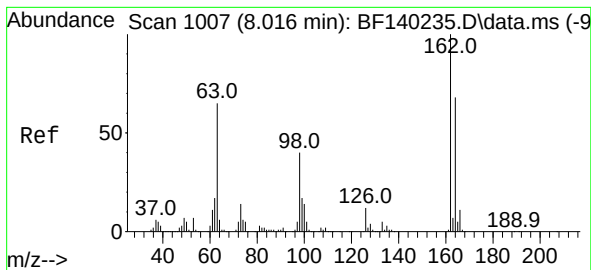
Tgt Ion:122 Resp: 74057
Ion Ratio Lower Upper
122 100
107 119.1 99.4 149.0
121 59.7 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 10.575 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion: 93 Resp: 138013
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 11.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 10.370 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

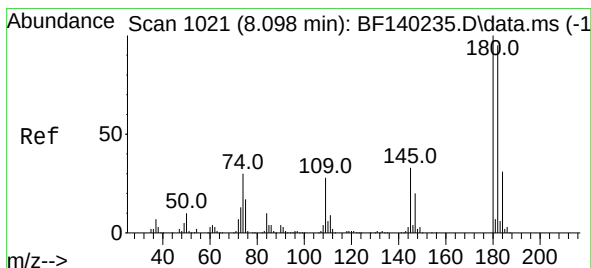
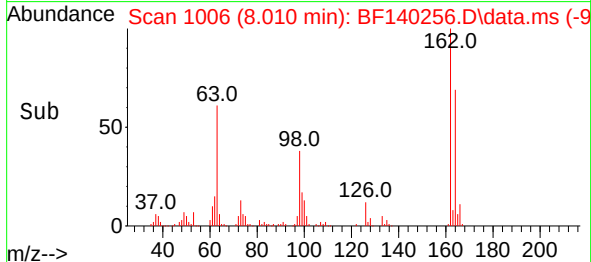
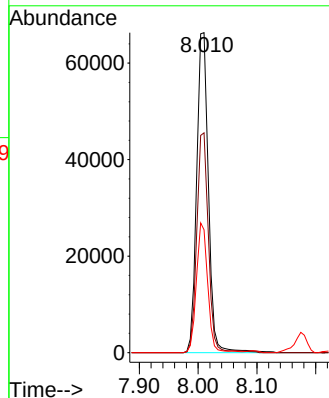
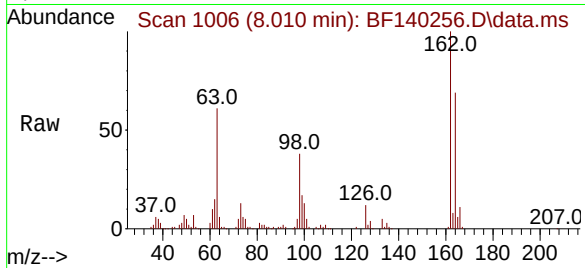
Tgt Ion:162 Resp: 92271

Ion Ratio Lower Upper

162 100

164 68.7 47.5 87.5

98 38.4 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 10.099 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

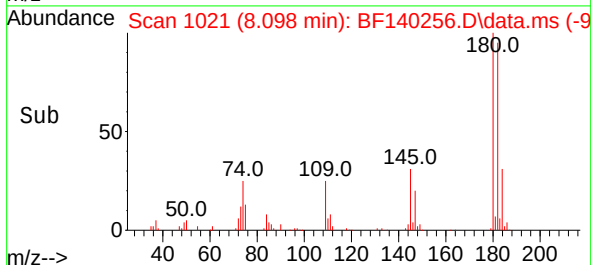
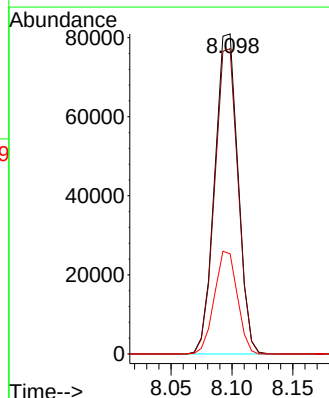
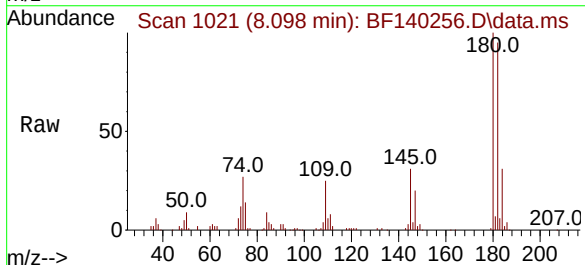
Tgt Ion:180 Resp: 107672

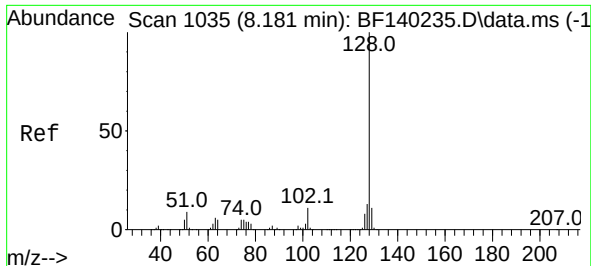
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 31.3 26.1 39.1

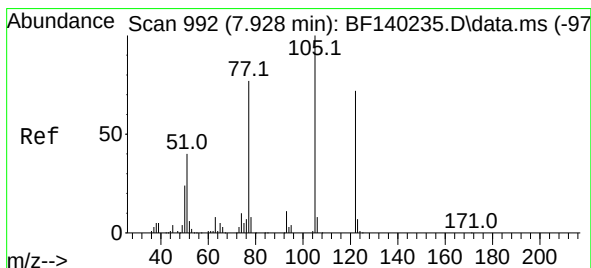
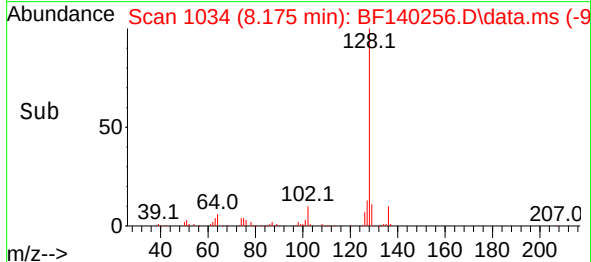
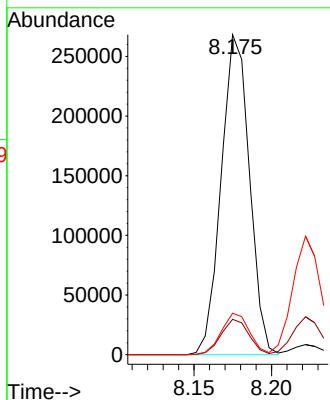
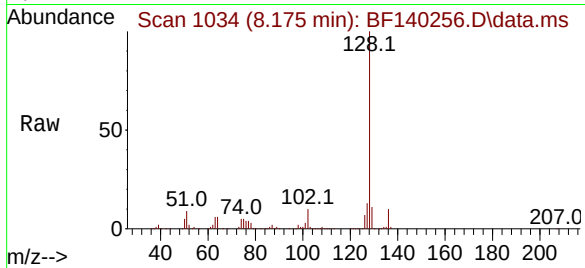




#31
Naphthalene
Concen: 10.456 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

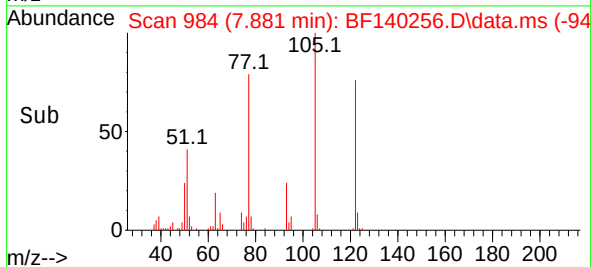
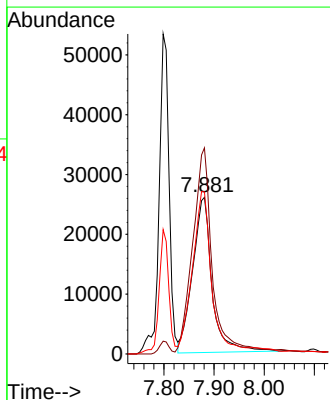
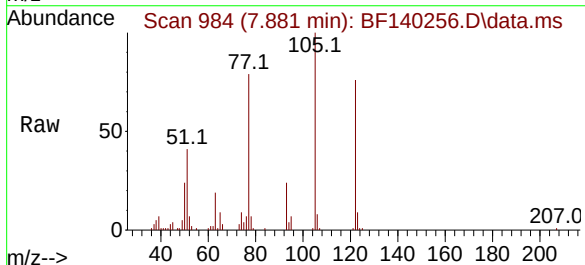
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

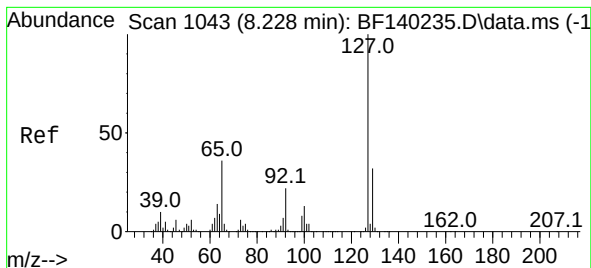
Tgt Ion:128 Resp: 339999
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 11.840 ng
RT: 7.881 min Scan# 984
Delta R.T. -0.047 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:122 Resp: 69882
Ion Ratio Lower Upper
122 100
105 131.5 112.6 152.6
77 103.5 84.3 124.3





#33

4-Chloroaniline

Concen: 11.919 ng

RT: 8.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:127 Resp: 127597

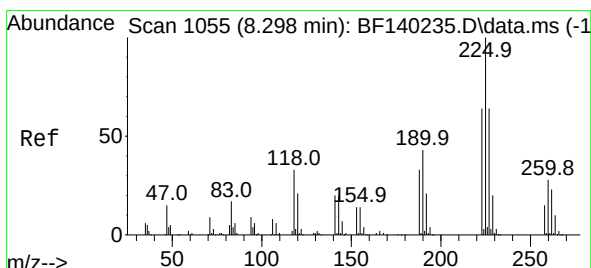
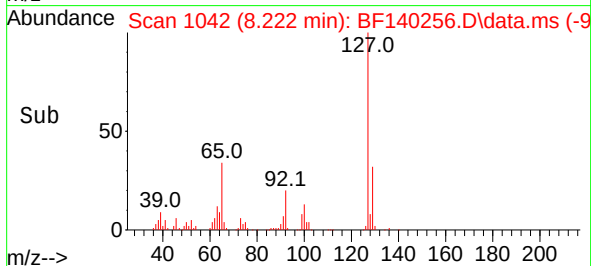
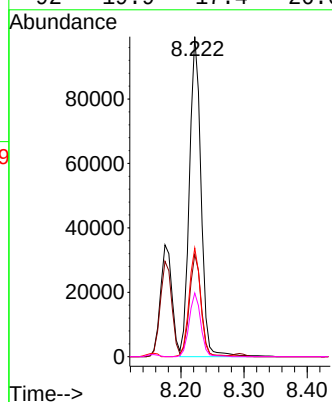
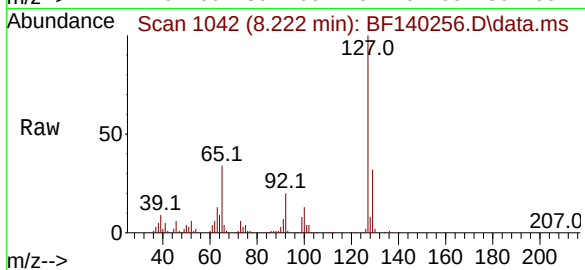
Ion Ratio Lower Upper

127 100

129 32.0 25.8 38.6

65 34.0 29.0 43.6

92 19.9 17.4 26.0



#34

Hexachlorobutadiene

Concen: 9.743 ng

RT: 8.292 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

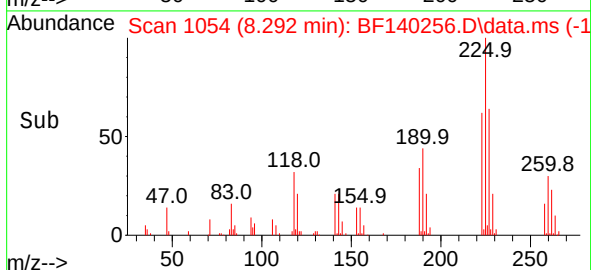
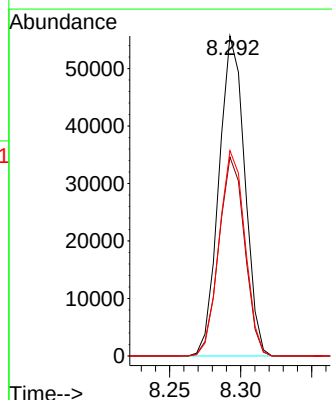
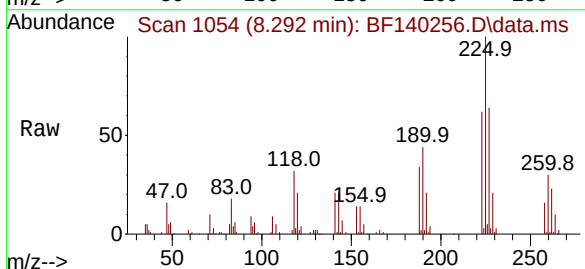
Tgt Ion:225 Resp: 70314

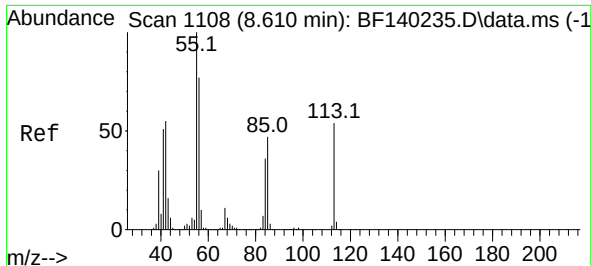
Ion Ratio Lower Upper

225 100

223 62.2 50.8 76.2

227 64.2 51.0 76.6





#35

Caprolactam

Concen: 10.230 ng

RT: 8.563 min Scan# 1100

Delta R.T. -0.047 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

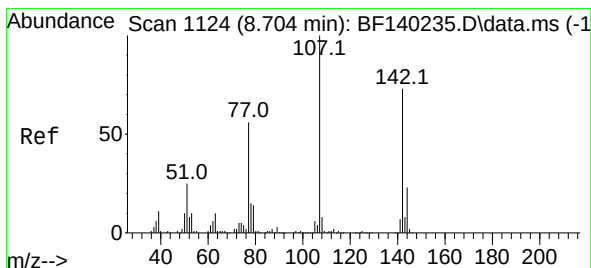
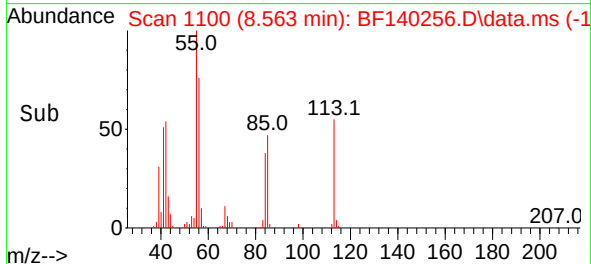
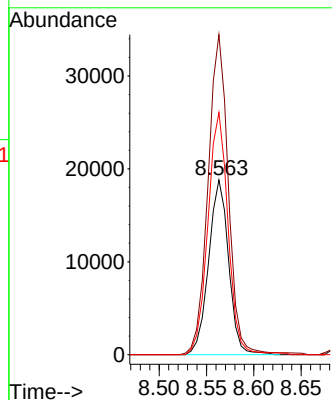
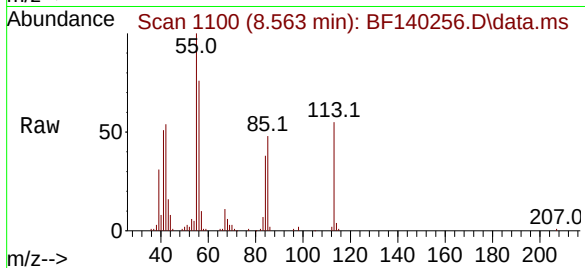
Tgt Ion:113 Resp: 27689

Ion Ratio Lower Upper

113 100

55 183.2 165.2 205.2

56 138.6 122.1 162.1



#36

4-Chloro-3-methylphenol

Concen: 10.292 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

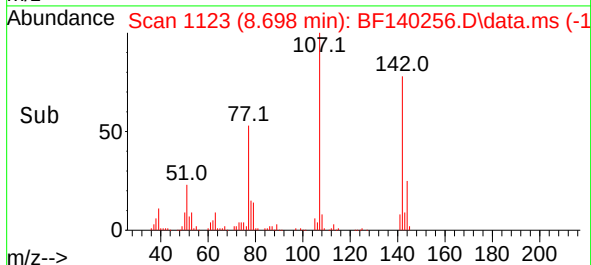
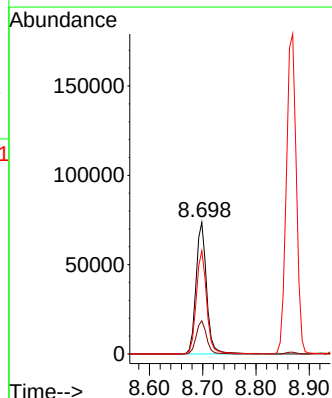
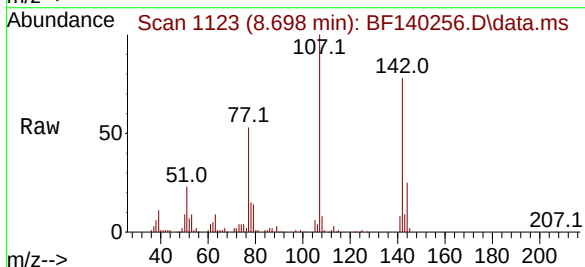
Tgt Ion:107 Resp: 101960

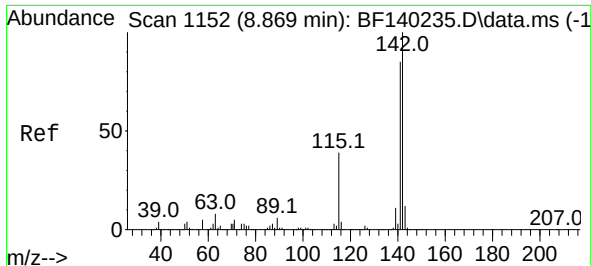
Ion Ratio Lower Upper

107 100

144 25.2 18.6 27.8

142 78.3 58.1 87.1

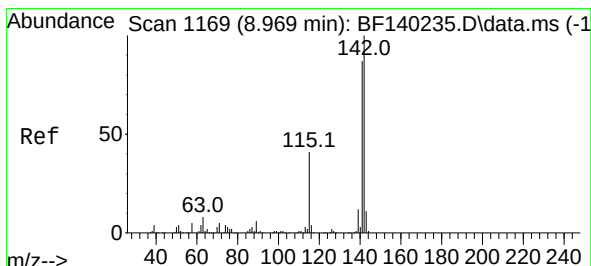
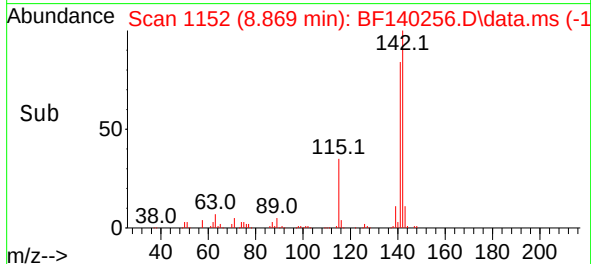
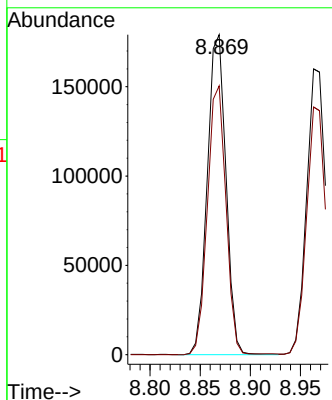
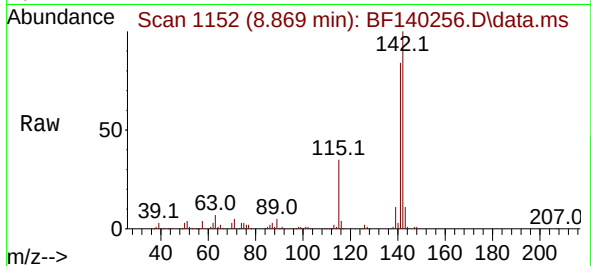




#37
2-Methylnaphthalene
Concen: 10.909 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

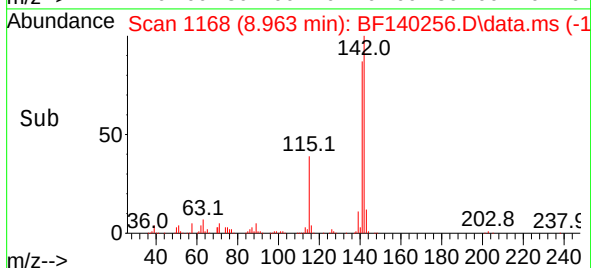
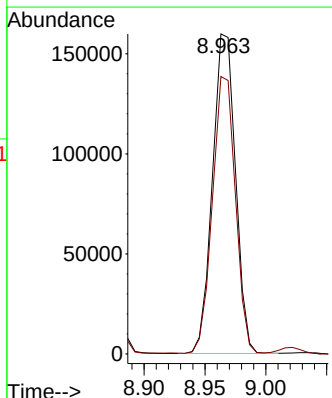
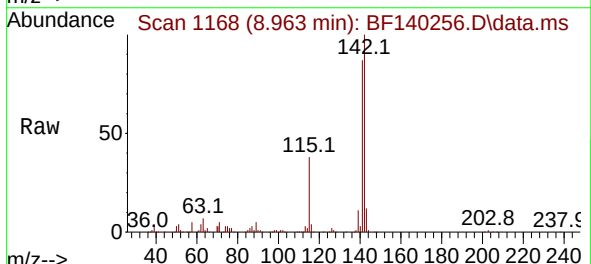
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2024

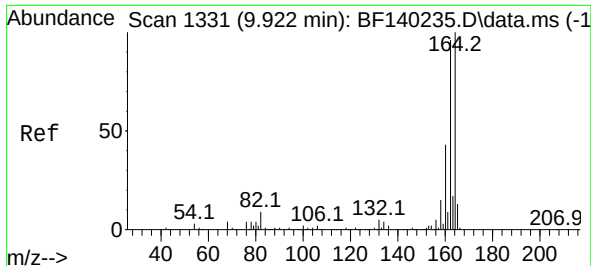
Tgt Ion:142 Resp: 231522
Ion Ratio Lower Upper
142 100
141 84.0 67.8 101.8



#38
1-Methylnaphthalene
Concen: 10.105 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:142 Resp: 210207
Ion Ratio Lower Upper
142 100
141 86.7 69.7 104.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140256.D

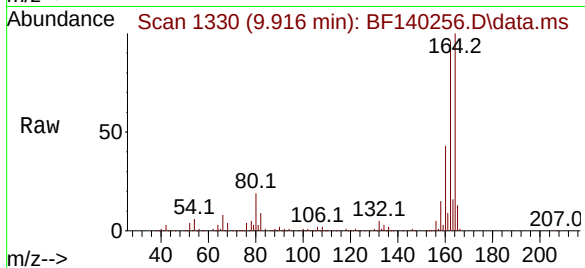
Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024



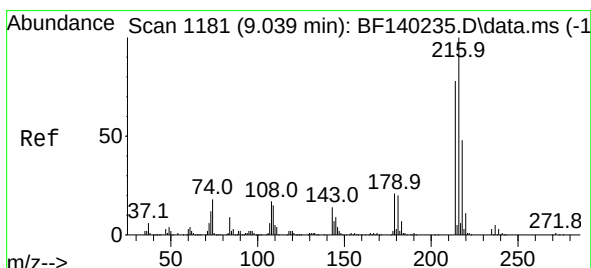
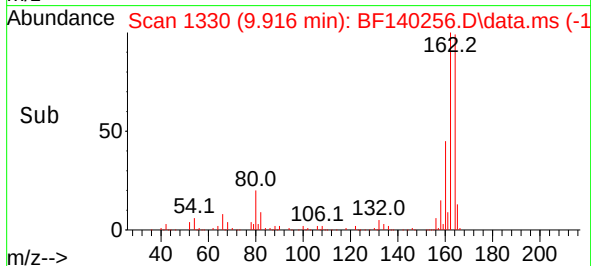
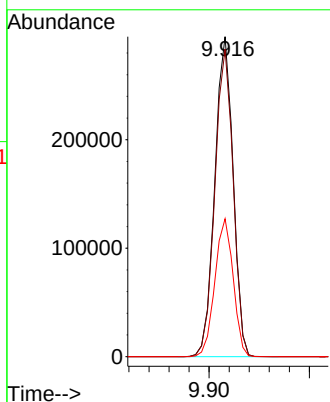
Tgt Ion:164 Resp: 374146

Ion Ratio Lower Upper

164 100

162 96.1 77.0 115.4

160 43.1 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.692 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Tgt Ion:216 Resp: 117113

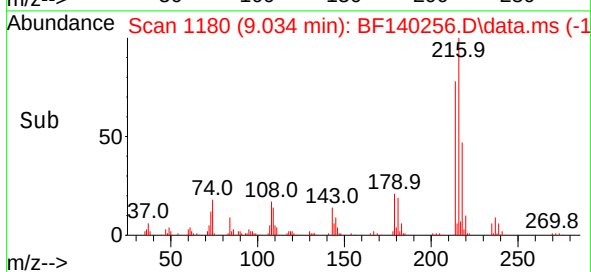
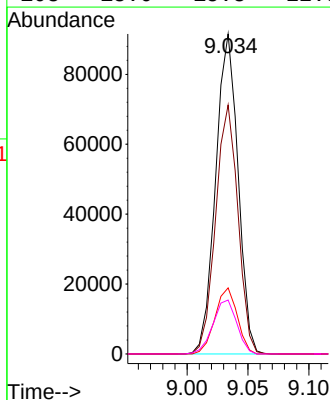
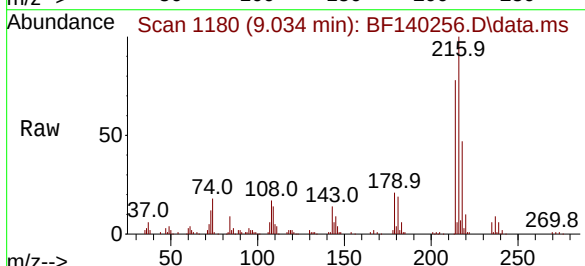
Ion Ratio Lower Upper

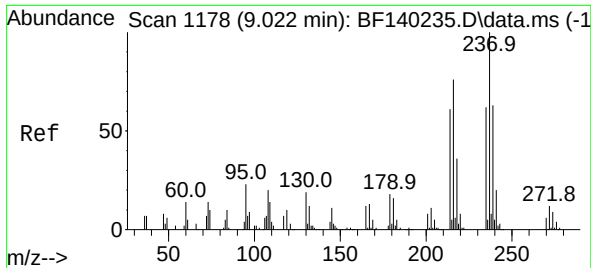
216 100

214 77.5 62.8 94.2

179 20.6 17.3 25.9

108 18.0 15.3 22.9

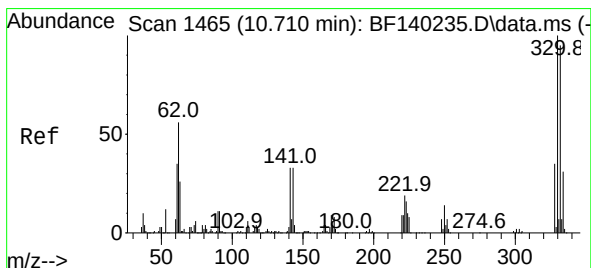
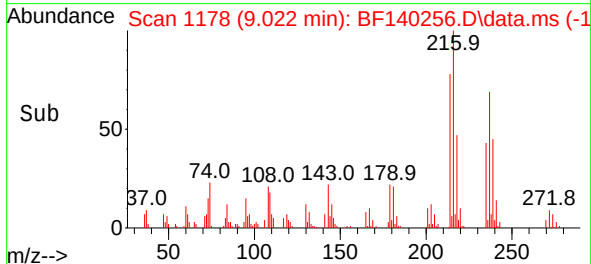
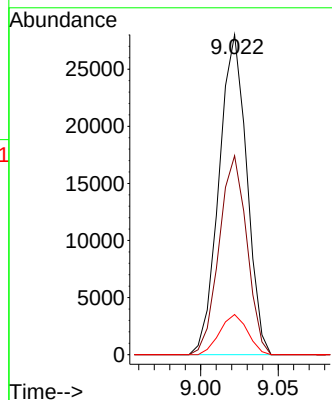
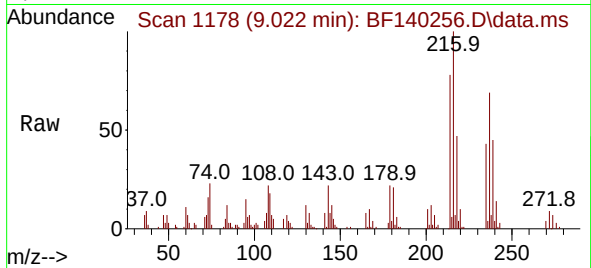




#41
Hexachlorocyclopentadiene
Concen: 11.368 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

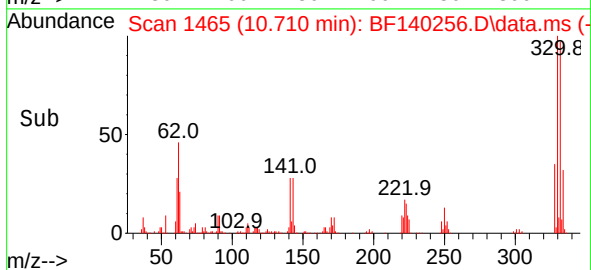
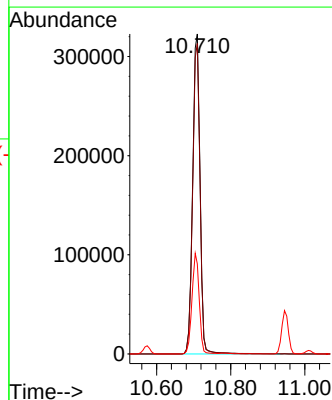
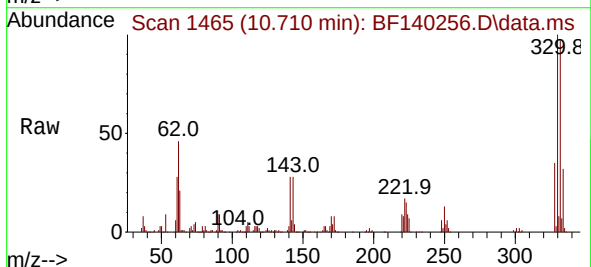
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

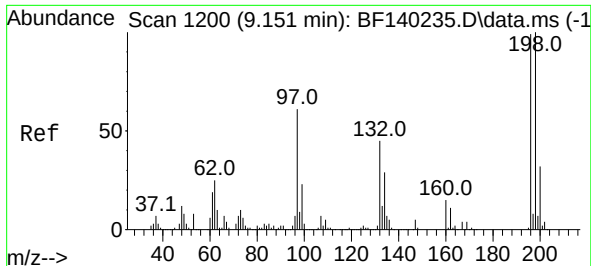
Tgt Ion:237 Resp: 34890
Ion Ratio Lower Upper
237 100
235 62.2 41.8 81.8
272 12.5 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 119.951 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:330 Resp: 443607
Ion Ratio Lower Upper
330 100
332 96.4 76.4 114.6
141 30.9 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 10.053 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

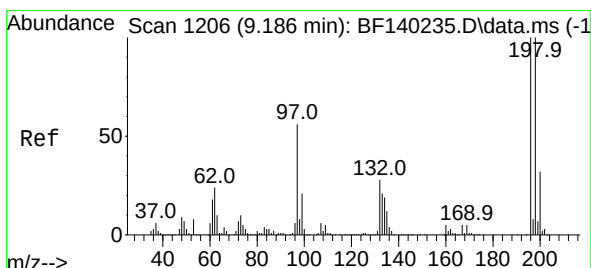
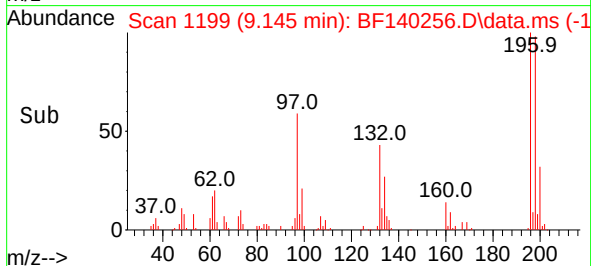
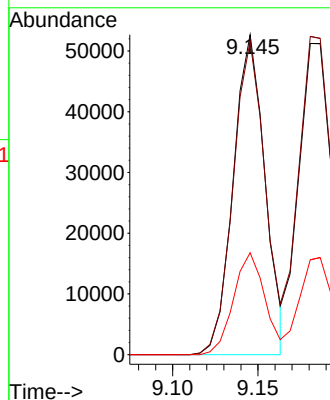
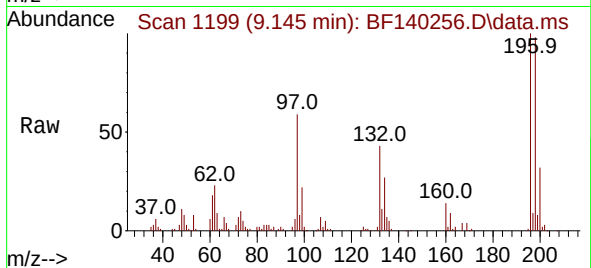
Tgt Ion:196 Resp: 68235

Ion Ratio Lower Upper

196 100

198 98.0 80.8 121.2

200 31.8 26.0 39.0



#44

2,4,5-Trichlorophenol

Concen: 10.162 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Tgt Ion:196 Resp: 72525

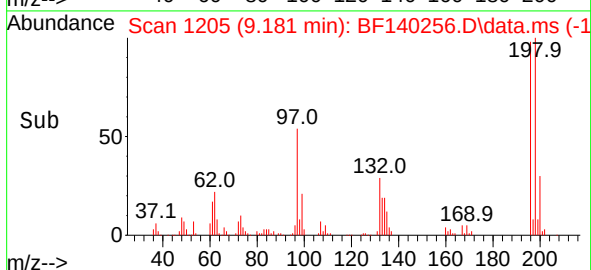
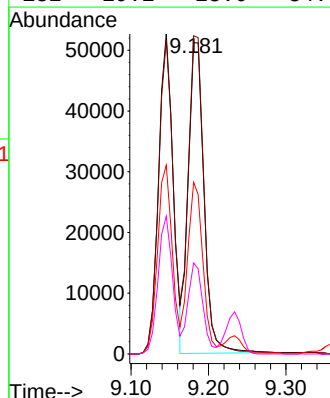
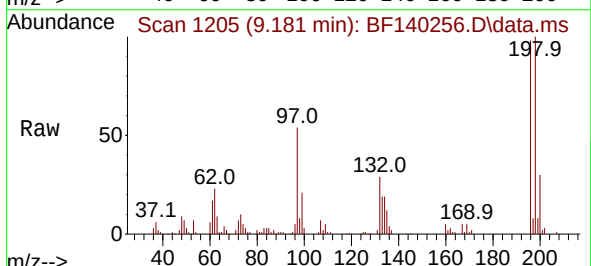
Ion Ratio Lower Upper

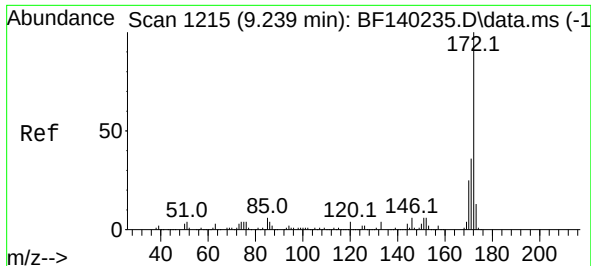
196 100

198 102.2 80.0 120.0

97 55.2 45.7 68.5

132 29.2 23.0 34.6





#45

2-Fluorobiphenyl

Concen: 78.290 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

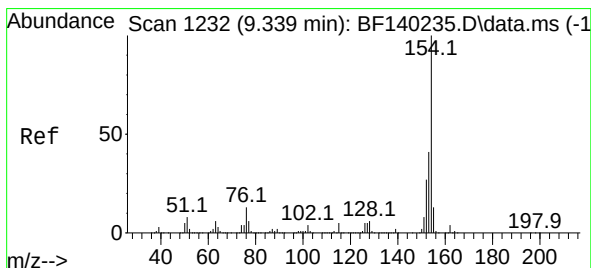
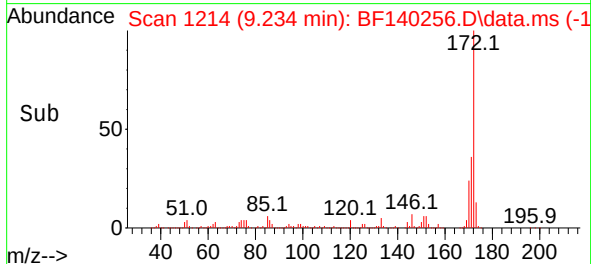
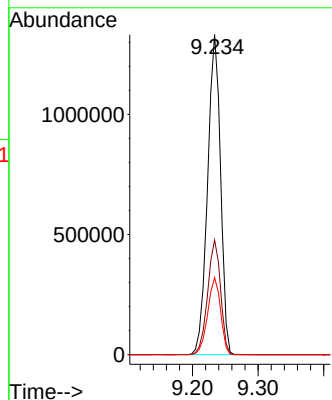
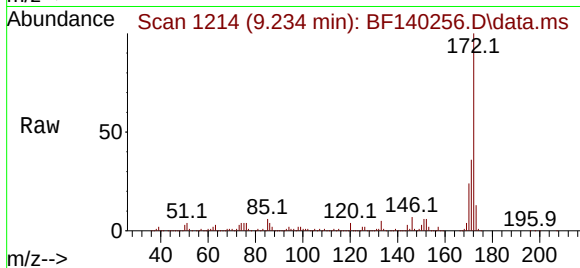
Tgt Ion:172 Resp: 1834411

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.1 19.6 29.4



#46

1,1'-Biphenyl

Concen: 10.971 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

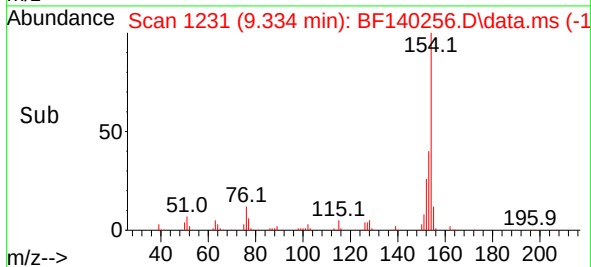
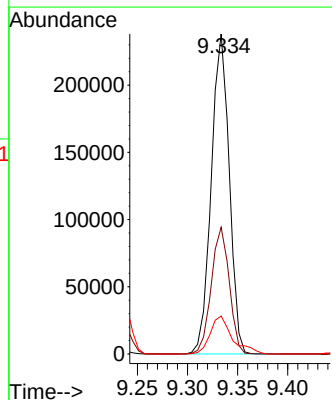
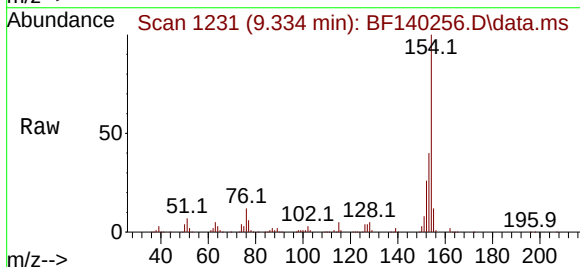
Tgt Ion:154 Resp: 296711

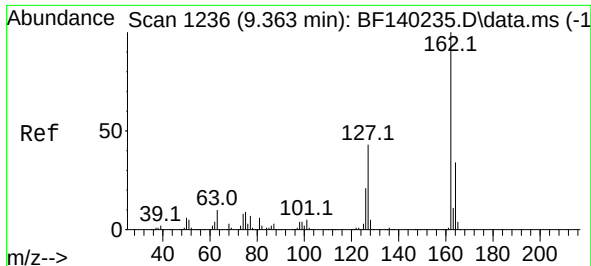
Ion Ratio Lower Upper

154 100

153 39.6 20.8 60.8

76 11.9 0.0 32.6





#47

2-Chloronaphthalene

Concen: 10.240 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

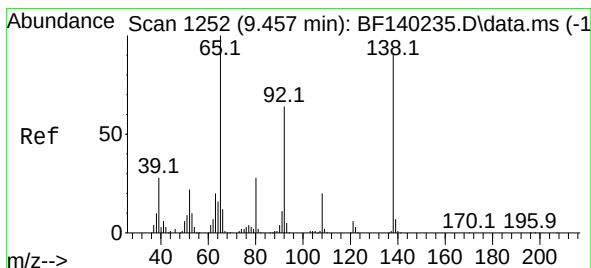
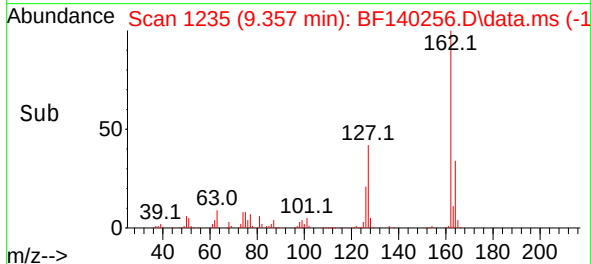
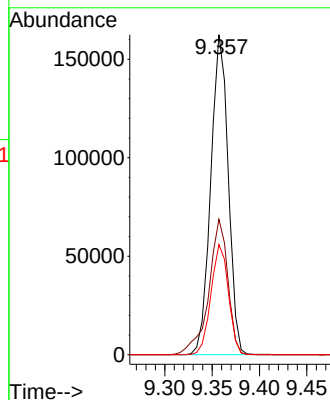
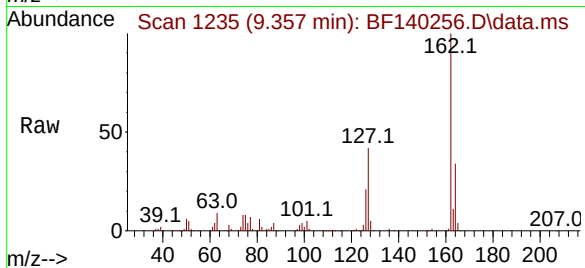
Tgt Ion:162 Resp: 208434

Ion Ratio Lower Upper

162 100

127 42.3 34.8 52.2

164 34.4 27.3 40.9



#48

2-Nitroaniline

Concen: 9.830 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

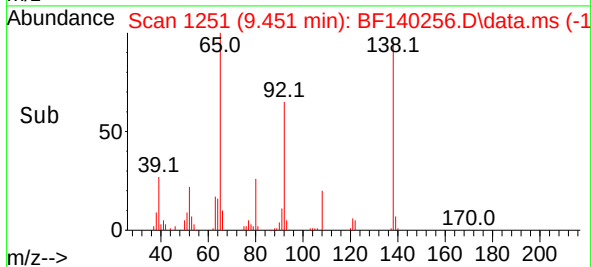
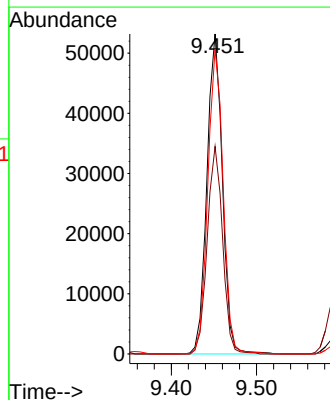
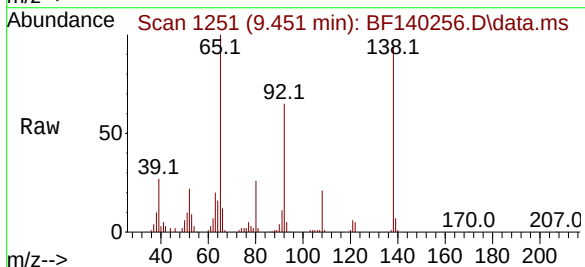
Tgt Ion: 65 Resp: 66916

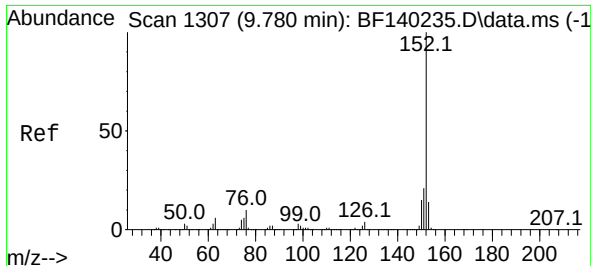
Ion Ratio Lower Upper

65 100

92 64.8 51.6 77.4

138 95.3 73.0 109.6





#49

Acenaphthylene

Concen: 11.566 ng

RT: 9.775 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

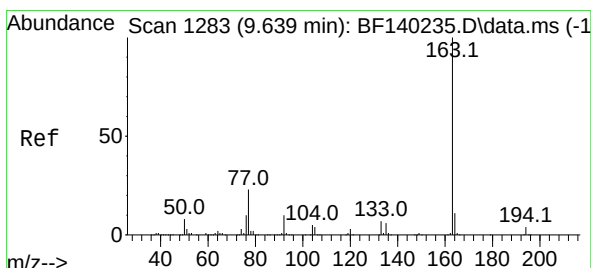
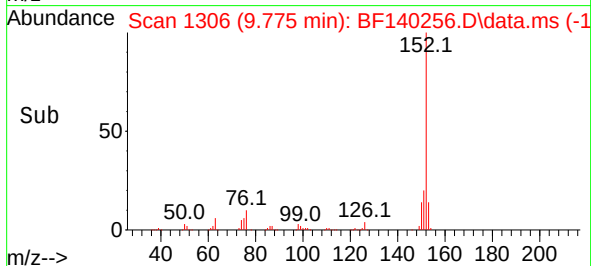
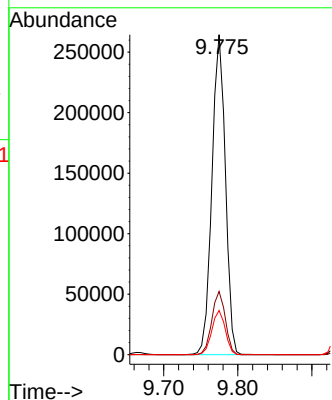
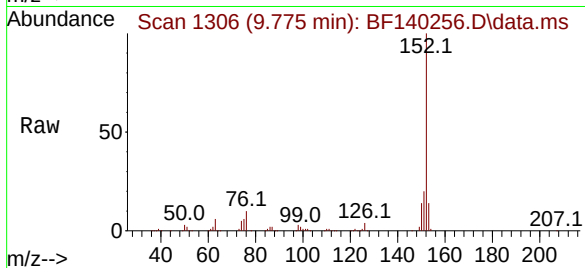
Tgt Ion:152 Resp: 333314

Ion Ratio Lower Upper

152 100

151 19.7 16.4 24.6

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 10.617 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

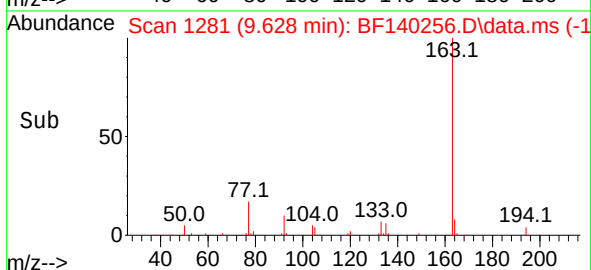
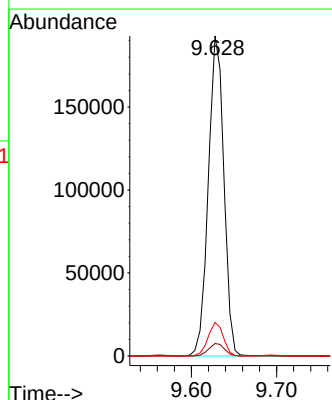
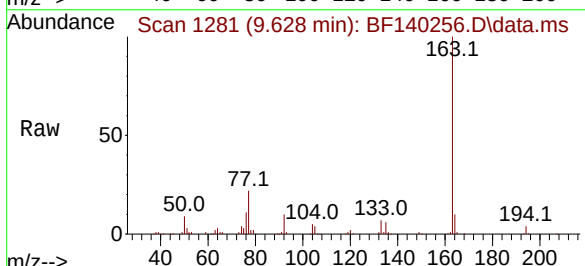
Tgt Ion:163 Resp: 244650

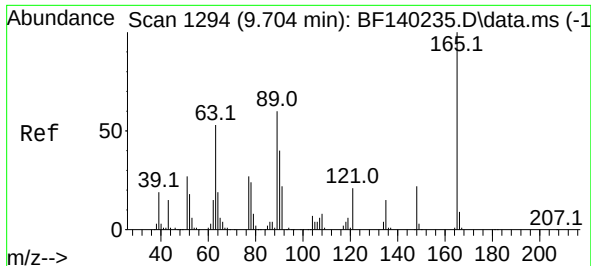
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.4 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 9.603 ng

RT: 9.692 min Scan# 1292

Delta R.T. -0.012 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

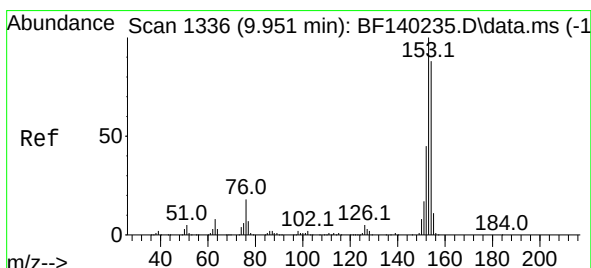
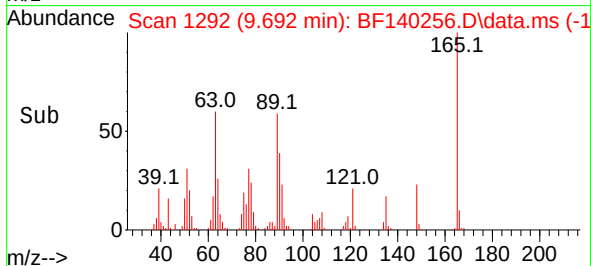
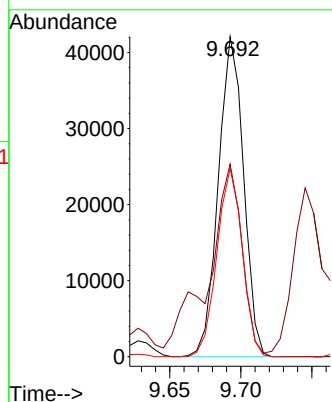
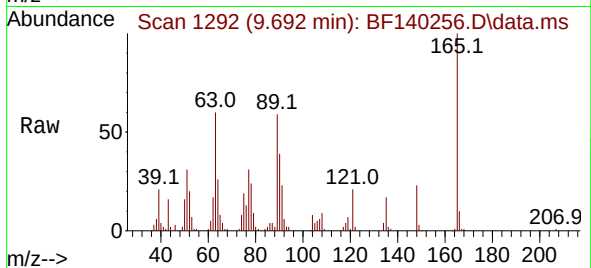
Tgt Ion:165 Resp: 52012

Ion Ratio Lower Upper

165 100

63 60.2 48.8 73.2

89 58.9 48.1 72.1



#52

Acenaphthene

Concen: 10.050 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

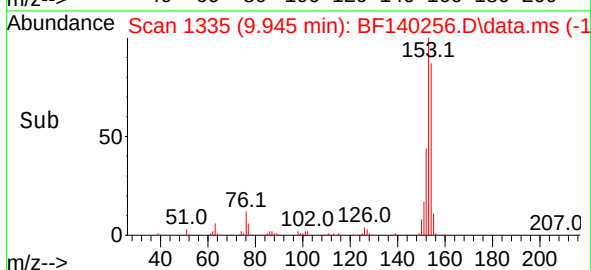
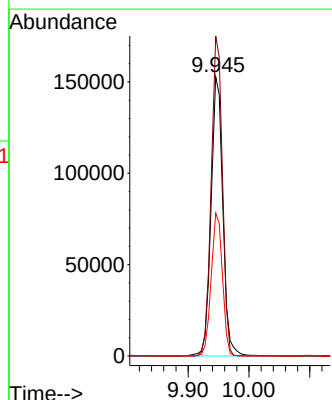
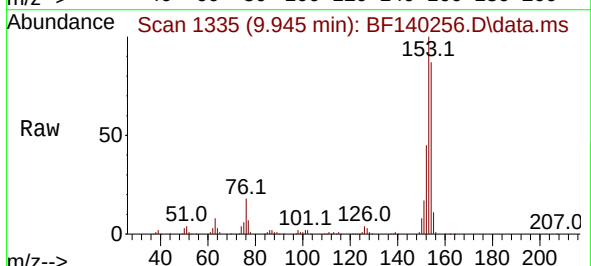
Tgt Ion:154 Resp: 205411

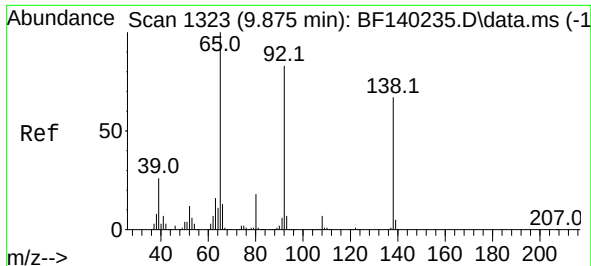
Ion Ratio Lower Upper

154 100

153 114.6 91.3 136.9

152 51.2 41.4 62.2

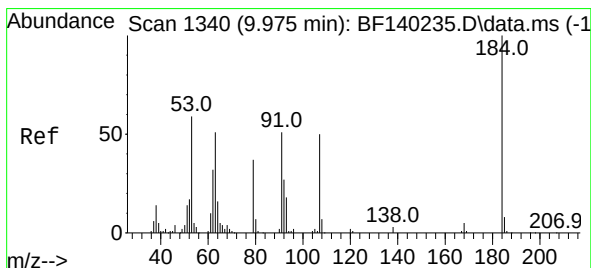
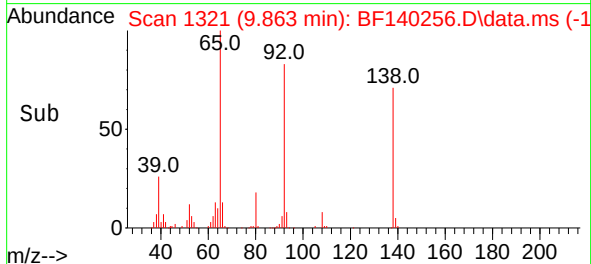
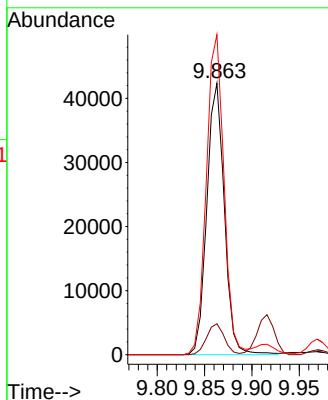
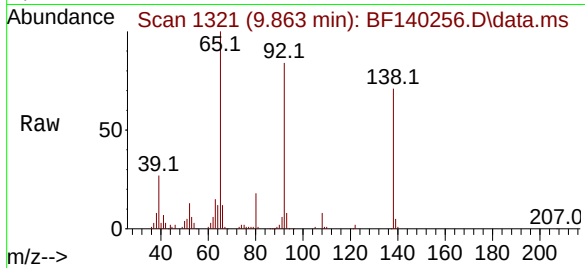




#53
3-Nitroaniline
Concen: 10.690 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

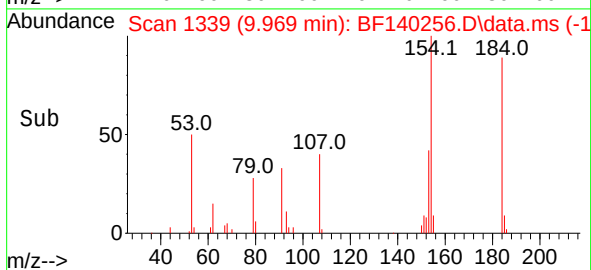
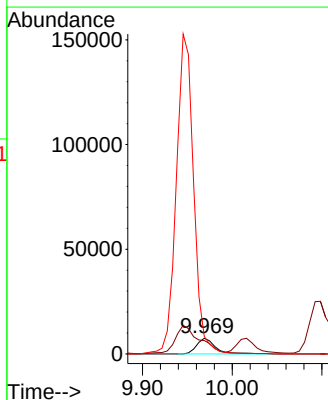
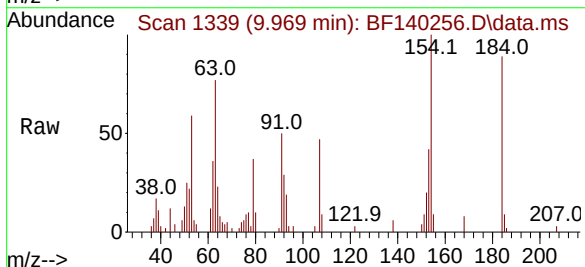
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

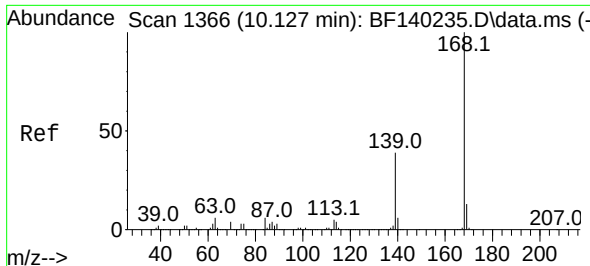
Tgt Ion:138 Resp: 54520
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 117.9 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 9.890 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:184 Resp: 10820
Ion Ratio Lower Upper
184 100
63 86.4 60.1 90.1
154 112.1 66.3 99.5#





#55

Dibenzenofuran

Concen: 11.006 ng

RT: 10.122 min Scan# 1366

Delta R.T. -0.005 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

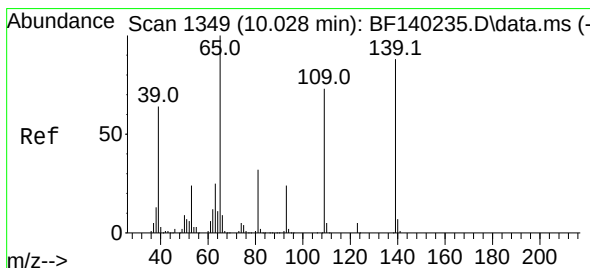
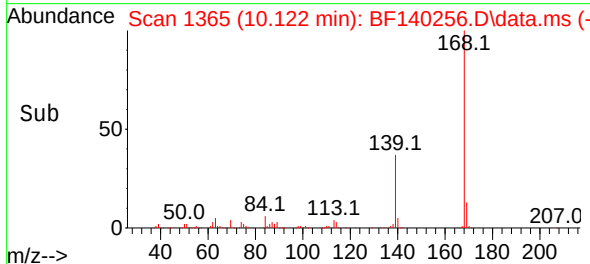
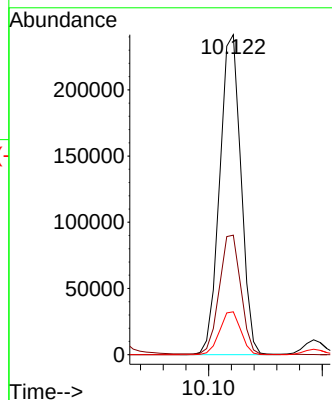
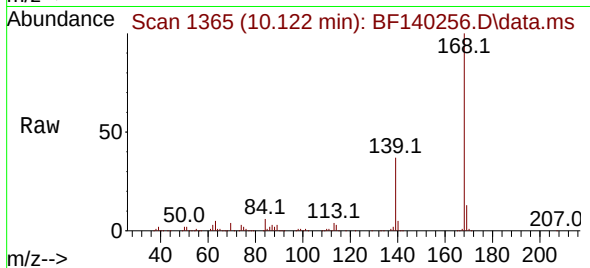
Tgt Ion:168 Resp: 314563

Ion Ratio Lower Upper

168 100

139 37.4 31.5 47.3

169 13.4 10.6 15.8



#56

4-Nitrophenol

Concen: 8.876 ng

RT: 10.016 min Scan# 1347

Delta R.T. -0.012 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

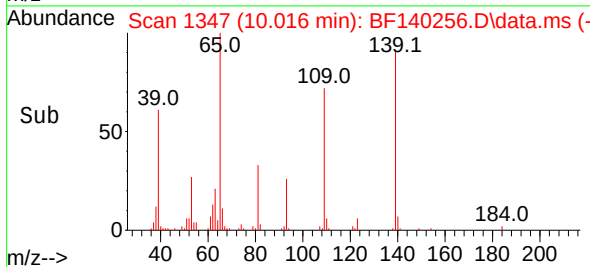
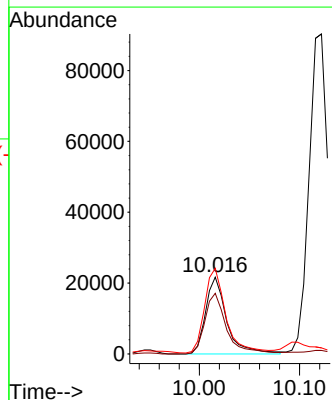
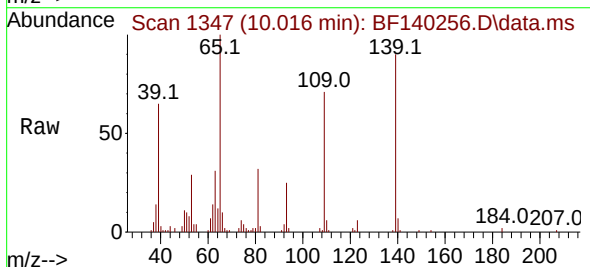
Tgt Ion:139 Resp: 31828

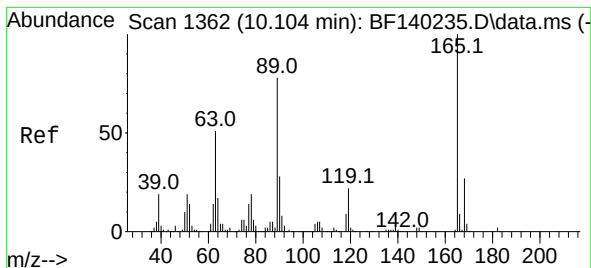
Ion Ratio Lower Upper

139 100

109 79.0 63.8 103.8

65 111.5 94.7 134.7





#57

2,4-Dinitrotoluene

Concen: 9.982 ng

RT: 10.098 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:165 Resp: 70162

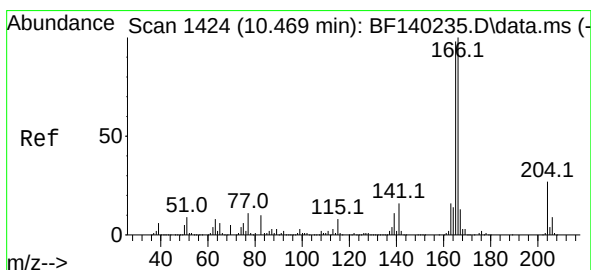
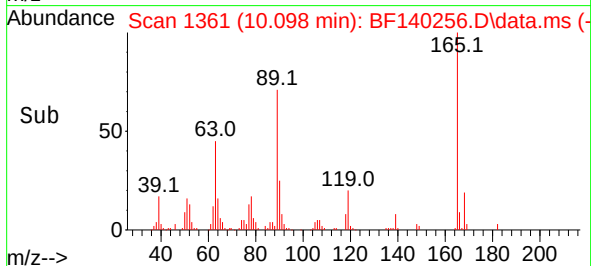
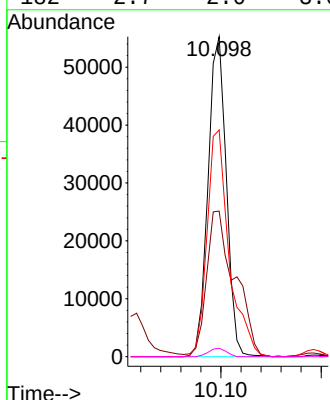
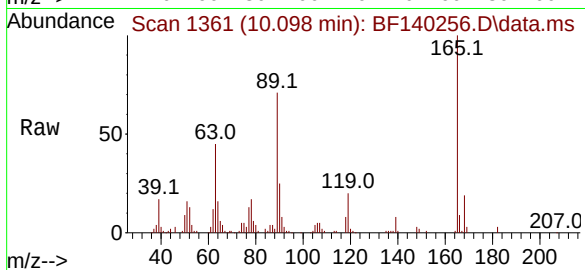
Ion Ratio Lower Upper

165 100

63 45.5 41.3 61.9

89 70.9 62.6 94.0

182 2.7 2.0 3.0



#58

Fluorene

Concen: 10.589 ng

RT: 10.463 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

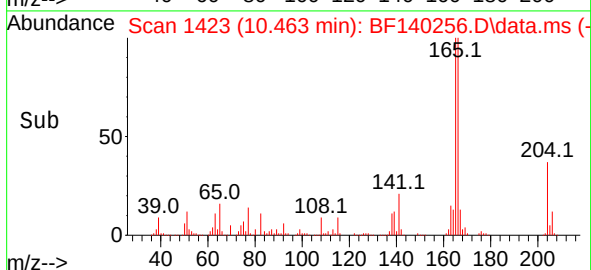
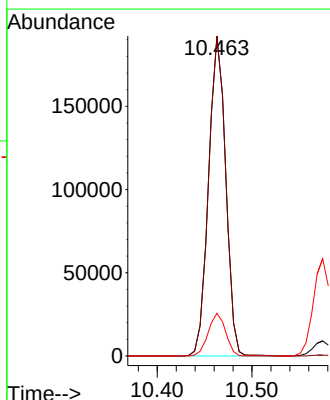
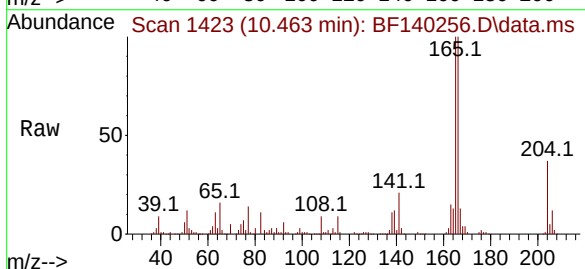
Tgt Ion:166 Resp: 240911

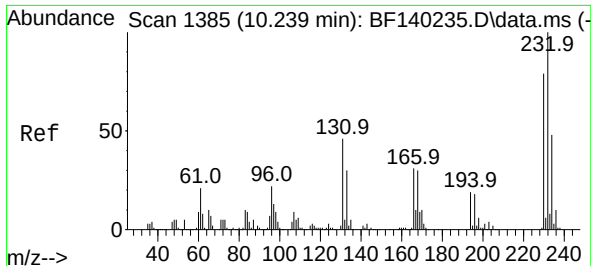
Ion Ratio Lower Upper

166 100

165 100.2 78.7 118.1

167 13.3 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 10.283 ng

RT: 10.239 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:232 Resp: 60121

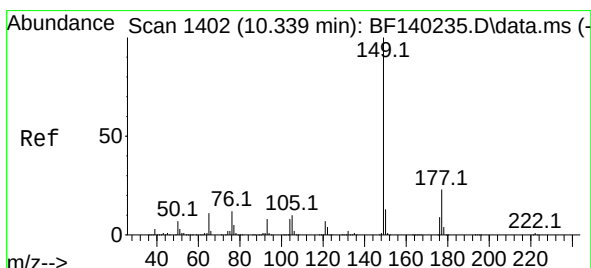
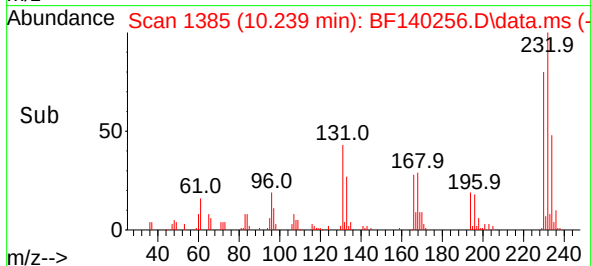
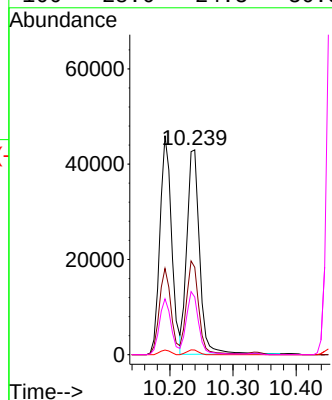
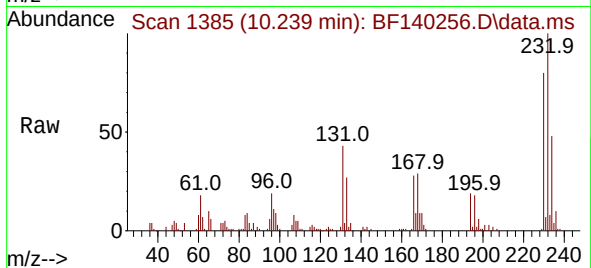
Ion Ratio Lower Upper

232 100

131 44.6 37.2 55.8

130 2.2 1.8 2.8

166 28.6 24.3 36.5



#60

Diethylphthalate

Concen: 10.351 ng

RT: 10.334 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

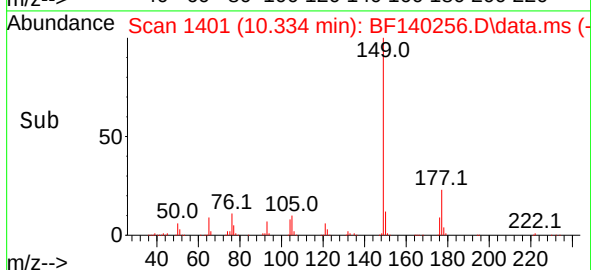
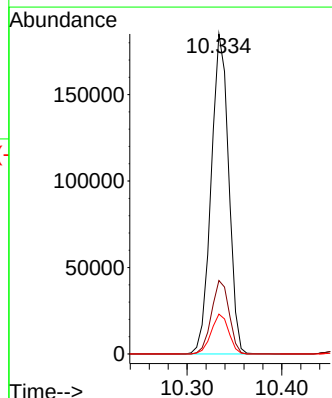
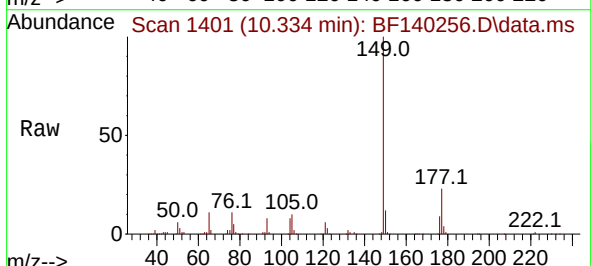
Tgt Ion:149 Resp: 237012

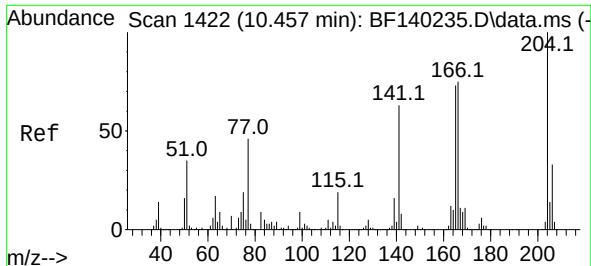
Ion Ratio Lower Upper

149 100

177 22.9 18.1 27.1

150 12.5 10.2 15.4

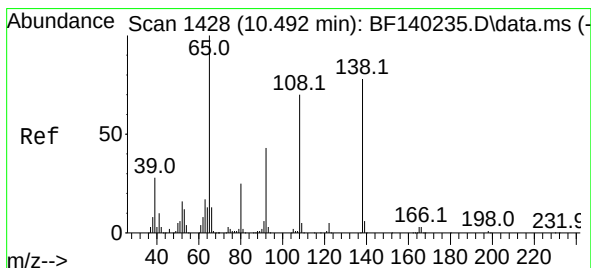
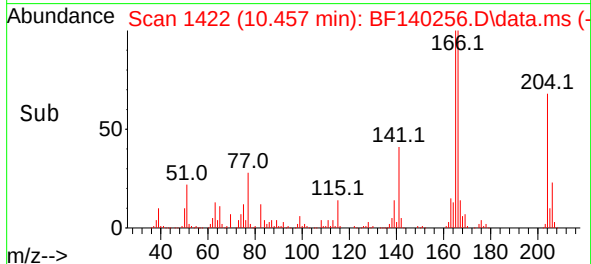
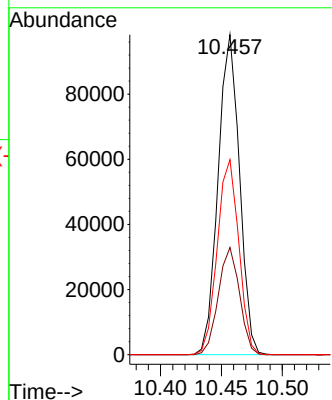
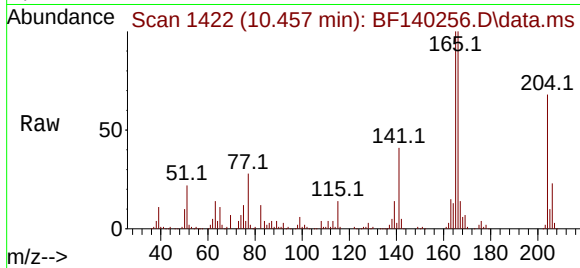




#61
4-Chlorophenyl-phenylether
Concen: 10.494 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

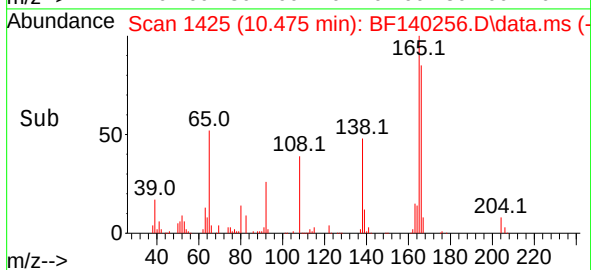
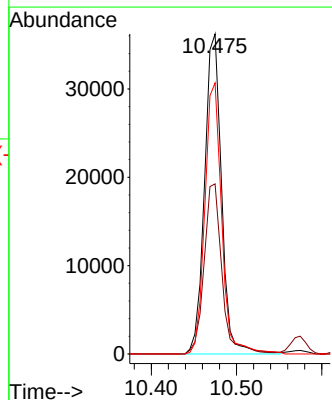
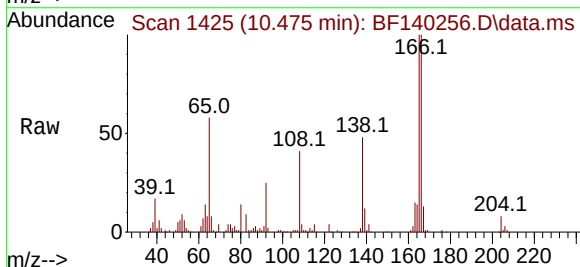
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

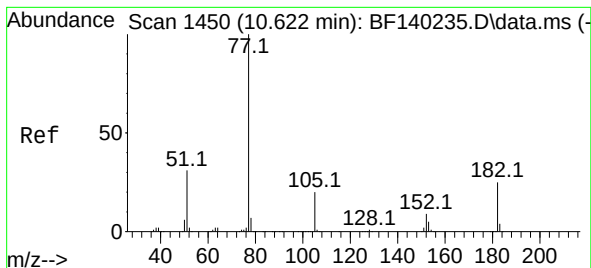
Tgt Ion:204 Resp: 120330
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.4
141 60.9 50.3 75.5



#62
4-Nitroaniline
Concen: 9.914 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.017 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:138 Resp: 50244
Ion Ratio Lower Upper
138 100
92 53.2 35.3 75.3
108 84.7 70.1 110.1





#63

Azobenzene

Concen: 10.406 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 77 Resp: 247008

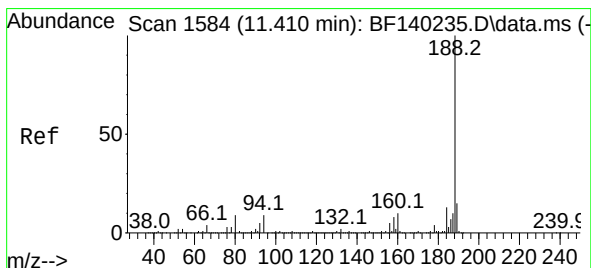
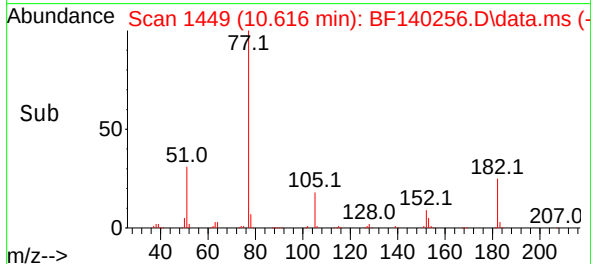
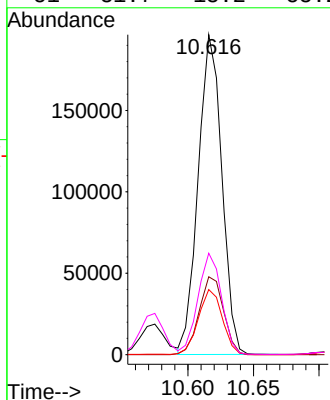
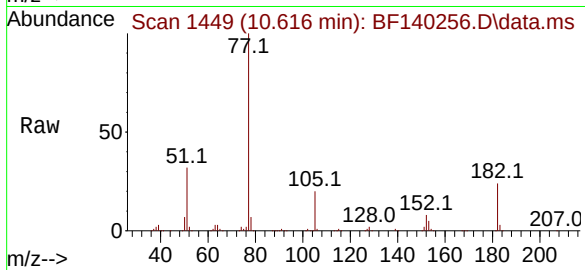
Ion Ratio Lower Upper

77 100

182 24.3 4.7 44.7

105 20.3 0.0 40.0

51 31.7 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

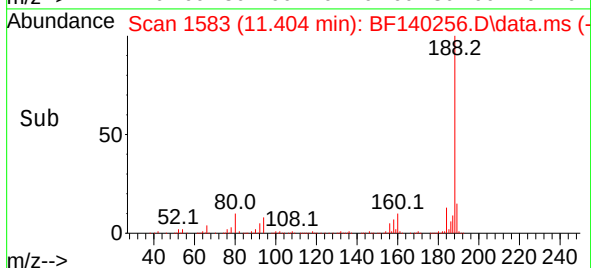
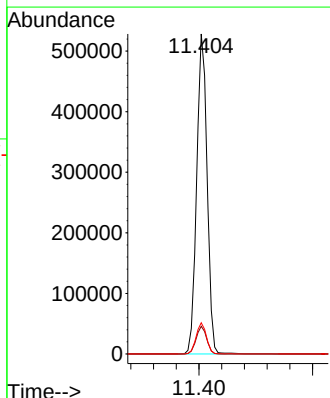
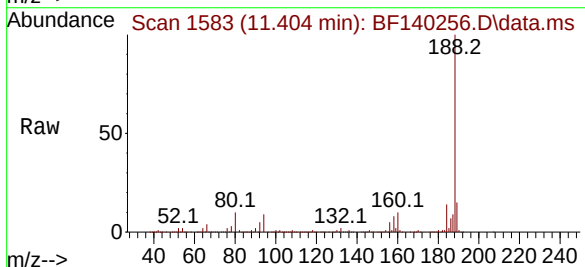
Tgt Ion: 188 Resp: 676282

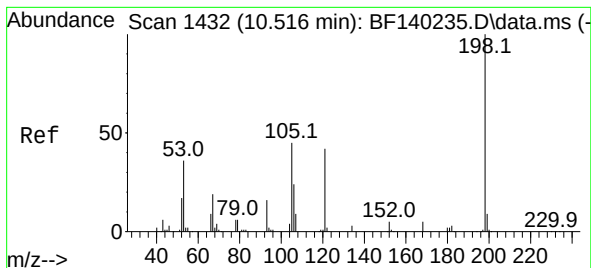
Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

80 9.7 7.5 11.3

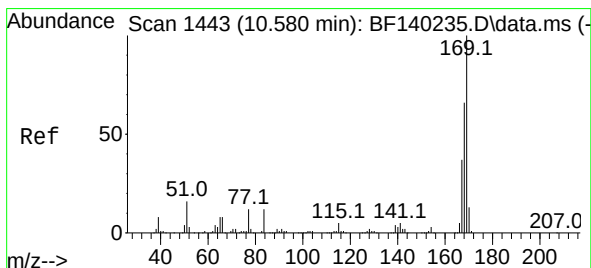
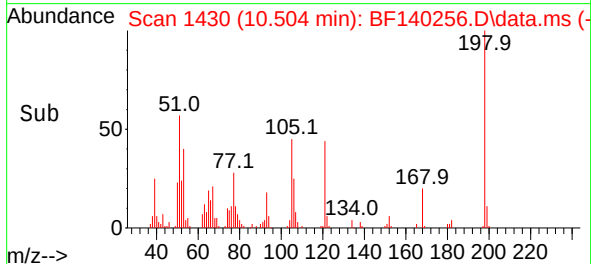
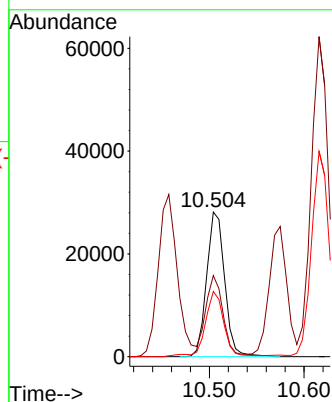
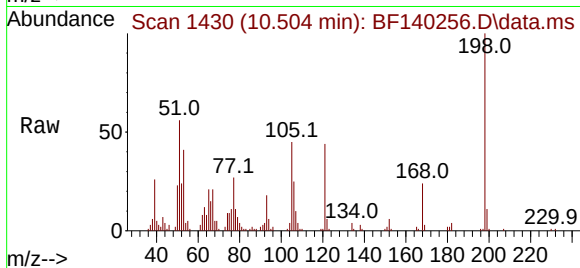




#65
4,6-Dinitro-2-methylphenol
Concen: 10.449 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

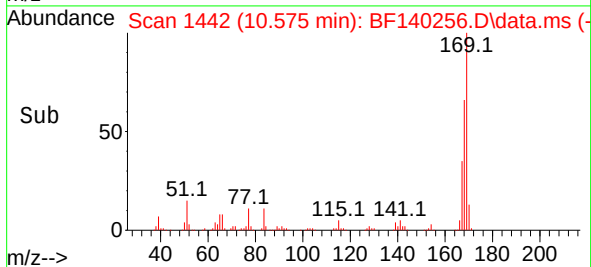
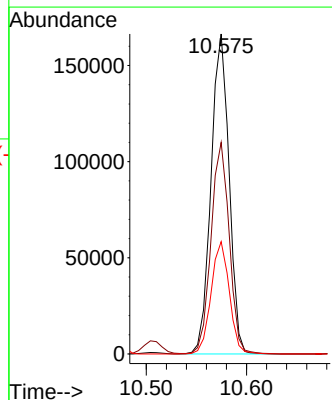
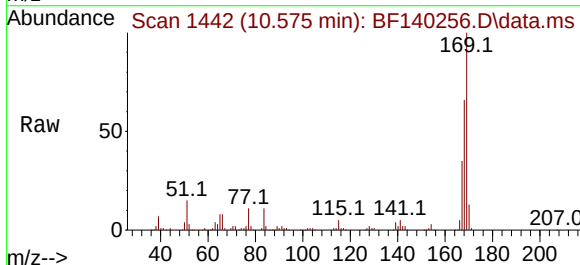
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

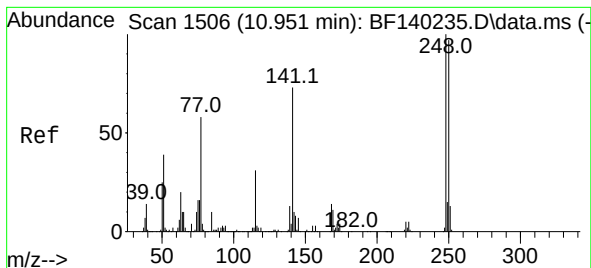
Tgt Ion:198 Resp: 37114
Ion Ratio Lower Upper
198 100
51 56.2 34.0 74.0
105 45.0 25.1 65.1



#66
n-Nitrosodiphenylamine
Concen: 10.705 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:169 Resp: 208215
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.6
167 35.1 29.4 44.2

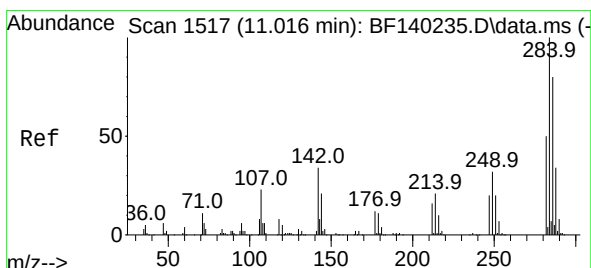
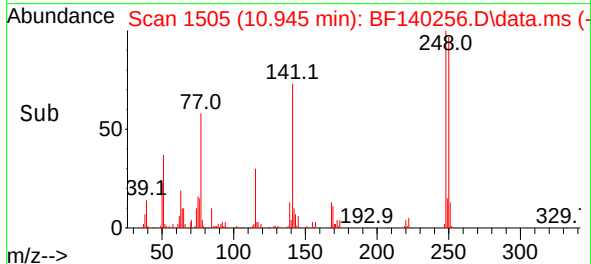
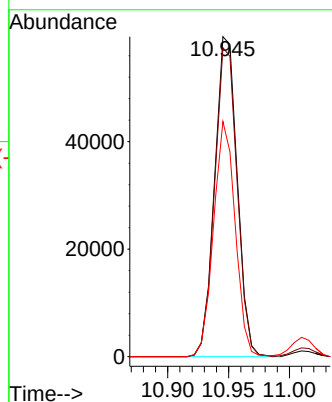
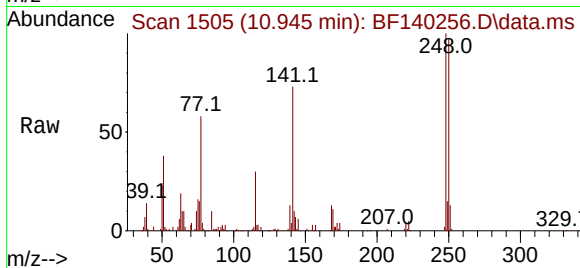




#67
4-Bromophenyl-phenylether
Concen: 10.578 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

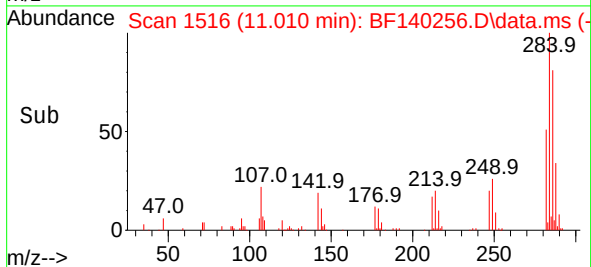
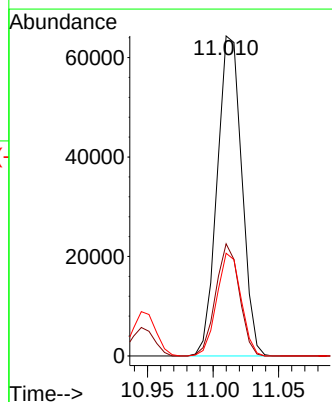
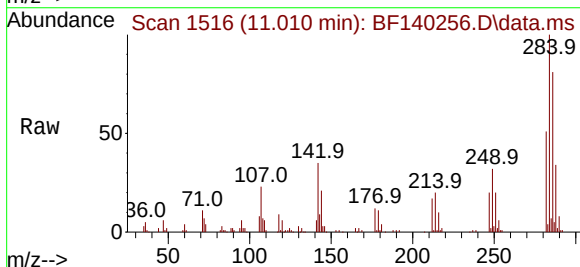
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

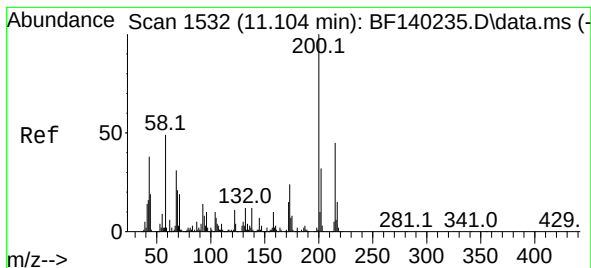
Tgt Ion:248 Resp: 77033
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 73.5 58.6 88.0



#68
Hexachlorobenzene
Concen: 10.110 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:284 Resp: 83923
Ion Ratio Lower Upper
284 100
142 35.1 27.5 41.3
249 32.1 26.2 39.2





#69

Atrazine

Concen: 13.546 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

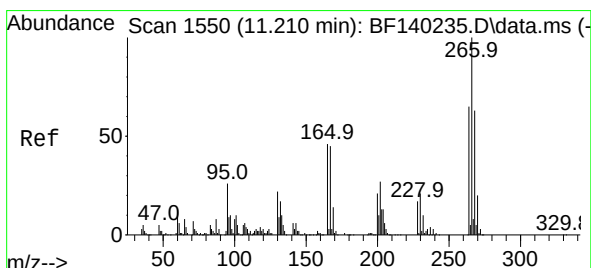
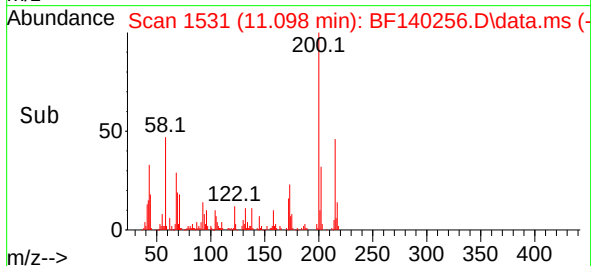
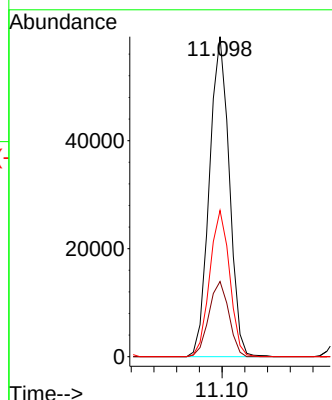
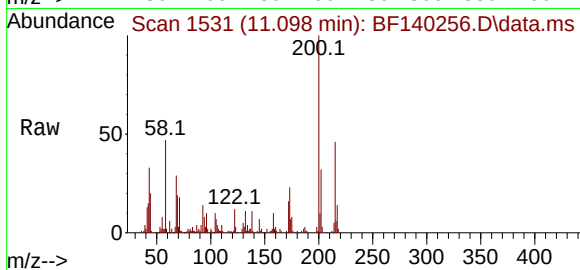
Tgt Ion:200 Resp: 72086

Ion Ratio Lower Upper

200 100

173 23.5 4.4 44.4

215 45.7 25.2 65.2



#70

Pentachlorophenol

Concen: 7.721 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

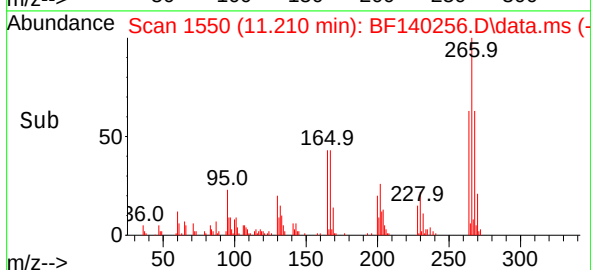
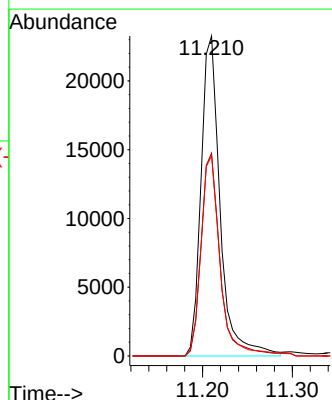
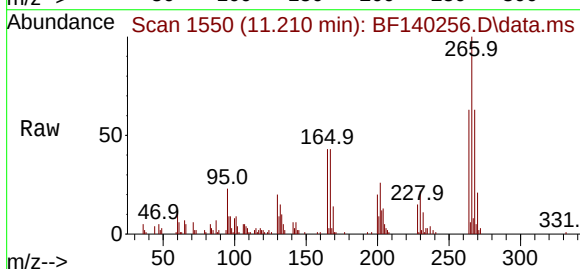
Tgt Ion:266 Resp: 34414

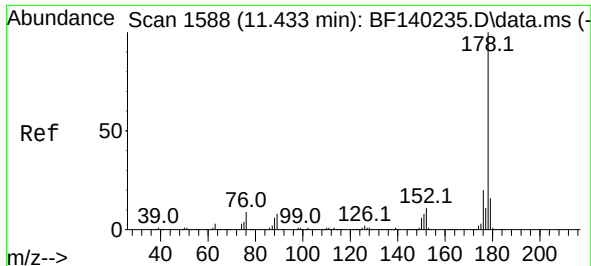
Ion Ratio Lower Upper

266 100

268 63.3 50.2 75.4

264 62.6 52.2 78.4

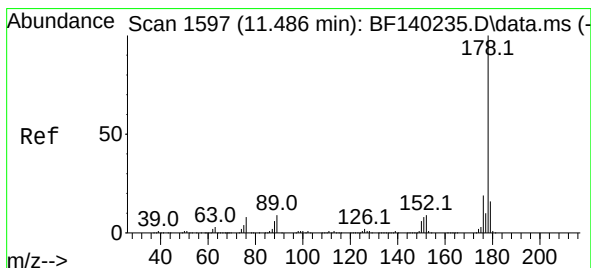
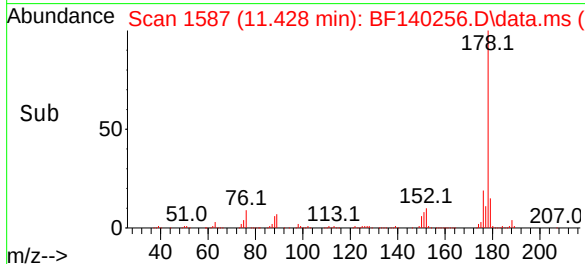
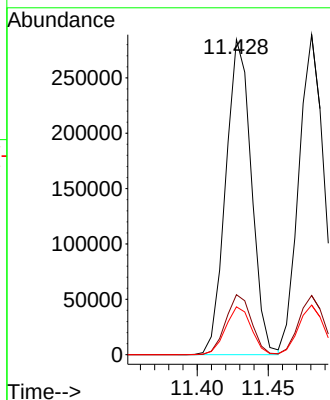
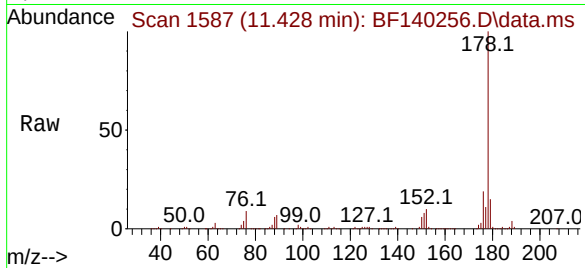




#71
Phenanthrene
Concen: 11.092 ng
RT: 11.428 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

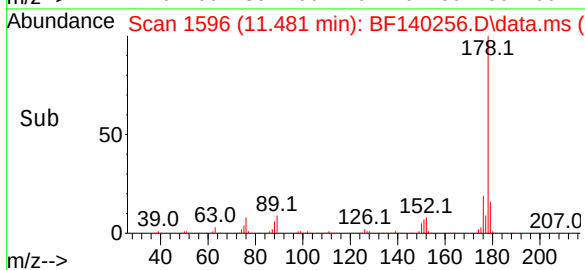
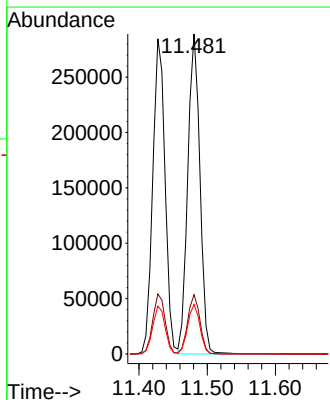
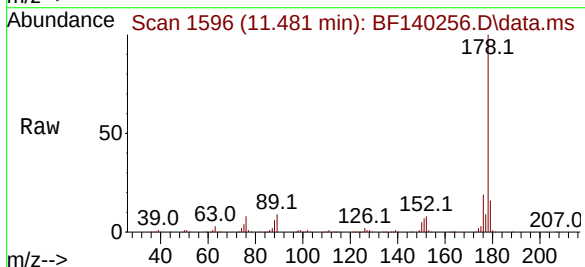
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

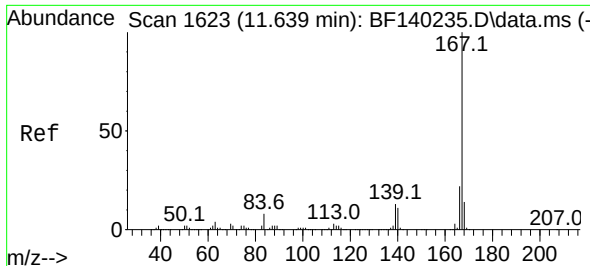
Tgt Ion:178 Resp: 357994
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.2 12.6 18.8



#72
Anthracene
Concen: 11.259 ng
RT: 11.481 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:178 Resp: 356333
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.5 12.7 19.1

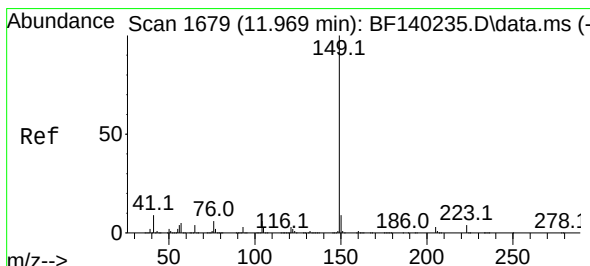
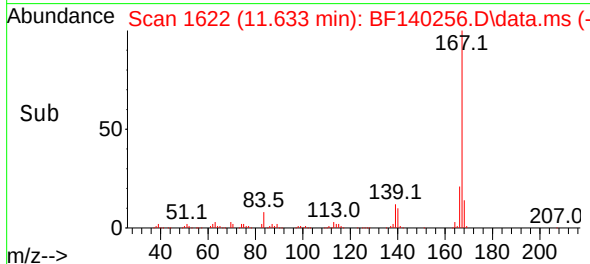
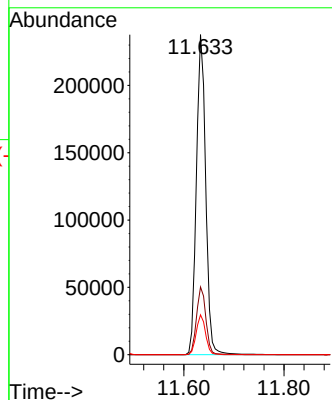
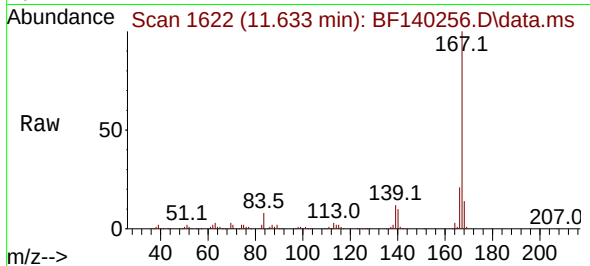




#73
 Carbazole
 Concen: 10.596 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140256.D
 Acq: 06 Nov 2024 14:13

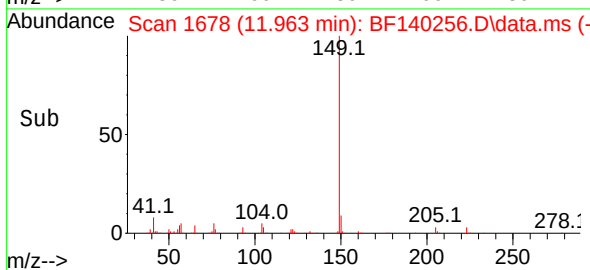
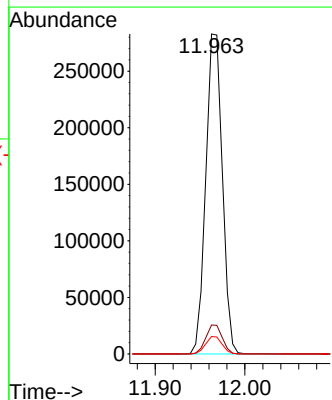
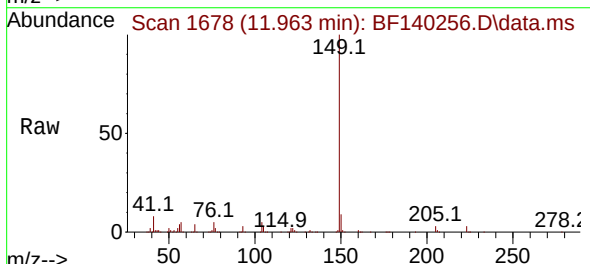
Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT4-2024

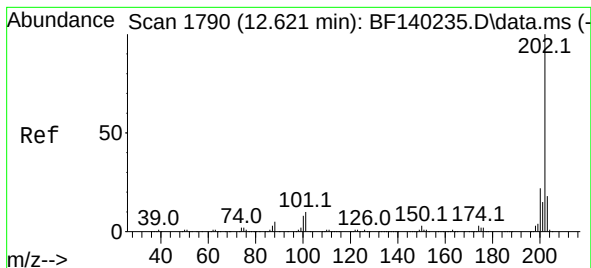
Tgt Ion:167 Resp: 306407
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 12.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 10.602 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. -0.006 min
 Lab File: BF140256.D
 Acq: 06 Nov 2024 14:13

Tgt Ion:149 Resp: 362910
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 10.746 ng

RT: 12.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

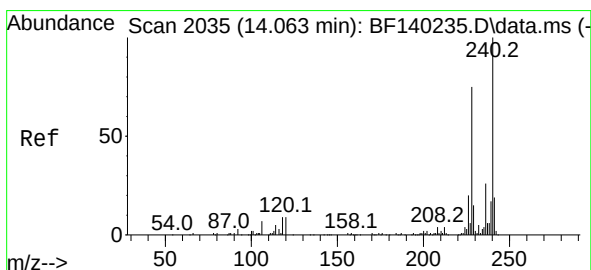
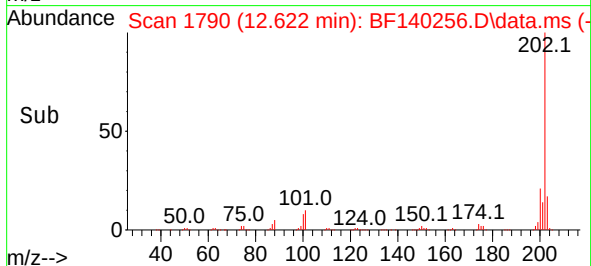
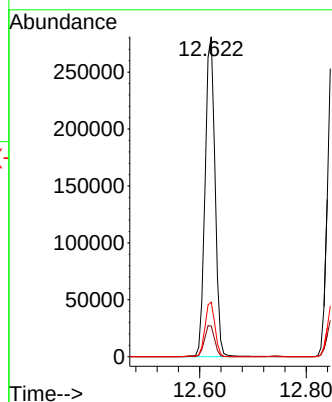
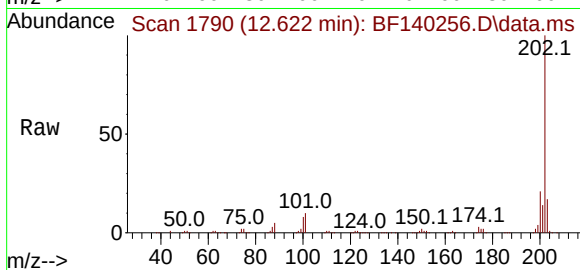
Tgt Ion:202 Resp: 362662

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.4

203 17.1 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.024 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

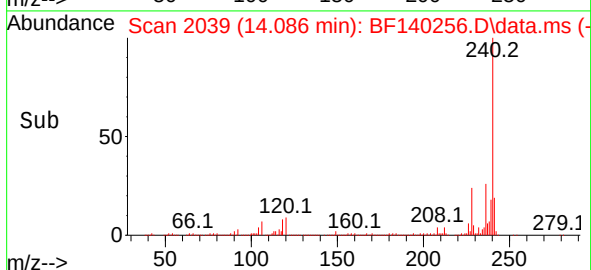
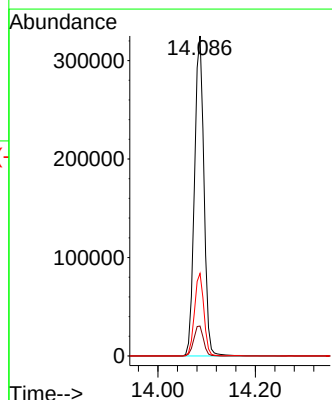
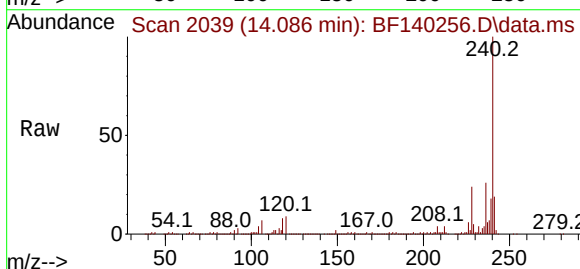
Tgt Ion:240 Resp: 439207

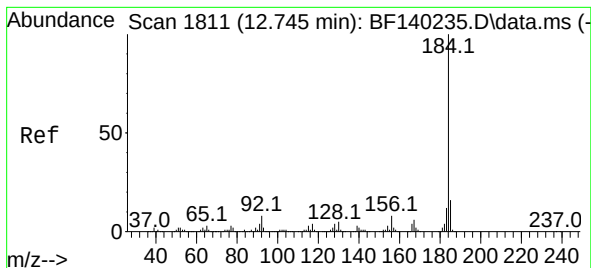
Ion Ratio Lower Upper

240 100

120 9.3 7.5 11.3

236 25.8 20.9 31.3





#77

Benzidine

Concen: 12.870 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

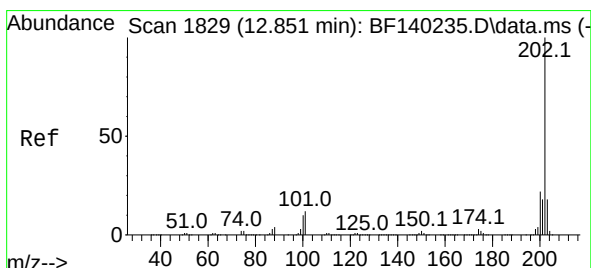
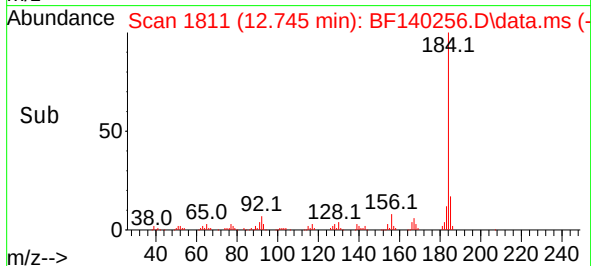
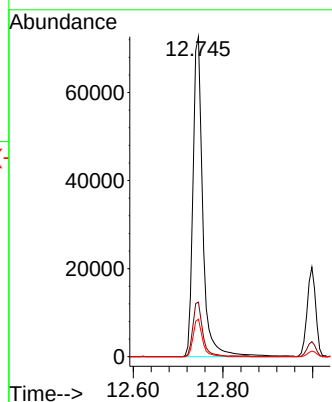
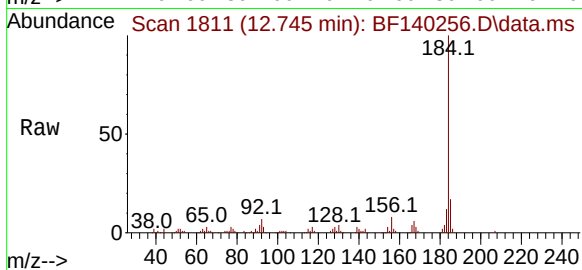
Tgt Ion:184 Resp: 110521

Ion Ratio Lower Upper

184 100

185 17.1 12.5 18.7

183 11.7 9.3 13.9



#78

Pyrene

Concen: 10.207 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

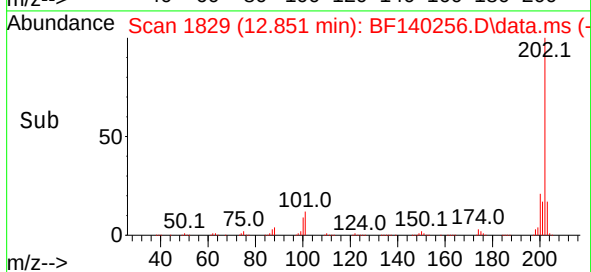
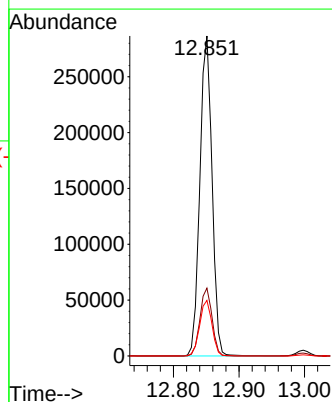
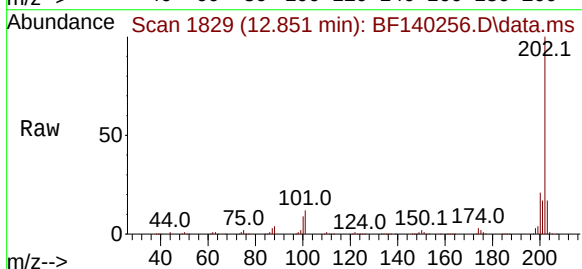
Tgt Ion:202 Resp: 370163

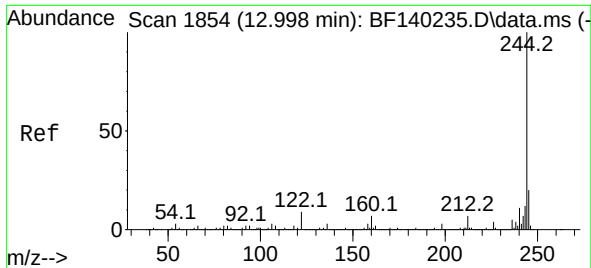
Ion Ratio Lower Upper

202 100

200 21.2 17.5 26.3

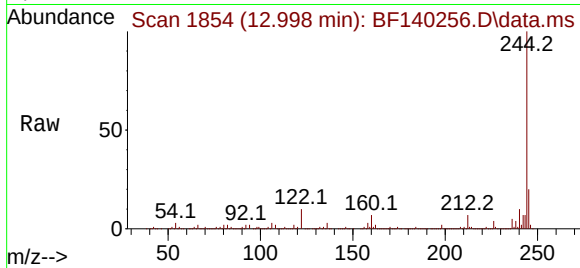
203 17.3 14.4 21.6



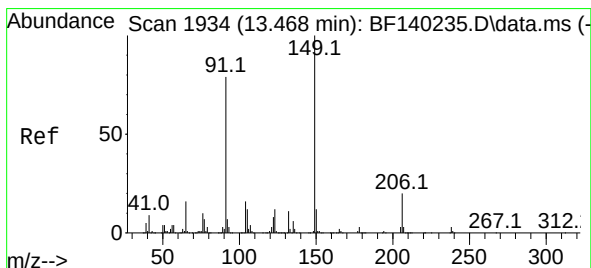
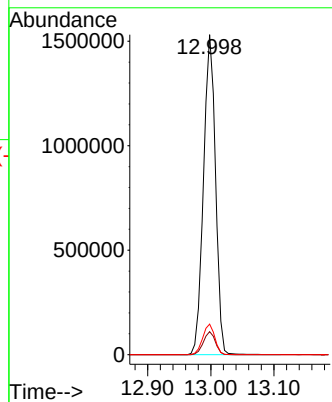
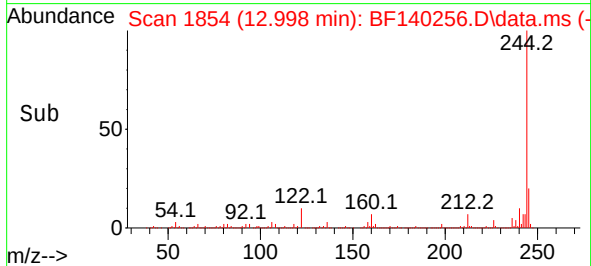


#79
Terphenyl-d14
Concen: 75.416 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

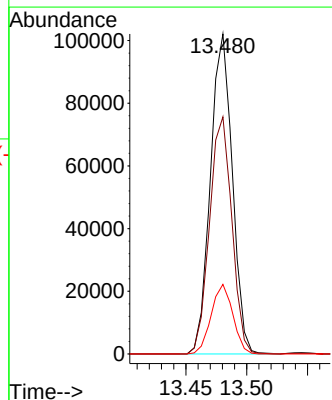
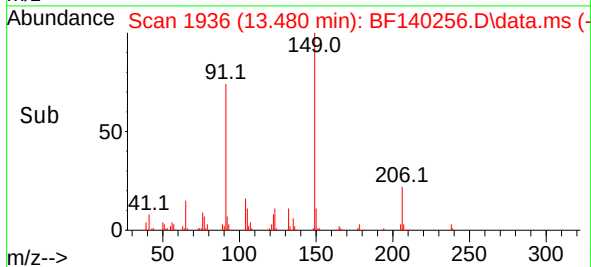
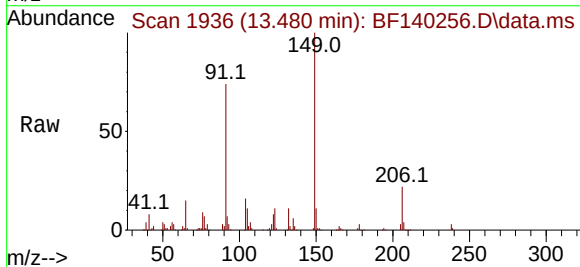


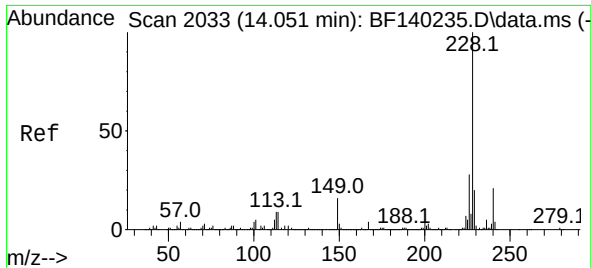
Tgt Ion:244 Resp: 2022009
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.6 7.6 11.4



#80
Butylbenzylphthalate
Concen: 9.779 ng
RT: 13.480 min Scan# 1936
Delta R.T. 0.012 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:149 Resp: 127695
Ion Ratio Lower Upper
149 100
91 74.1 63.0 94.4
206 21.8 16.4 24.6

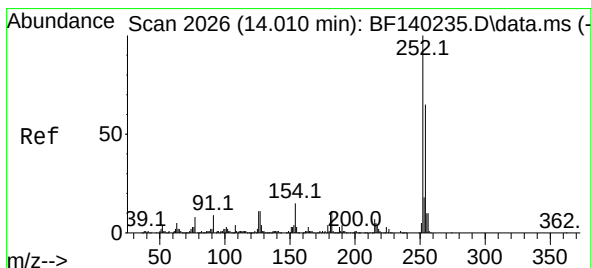
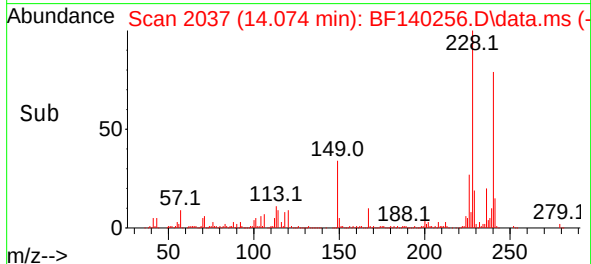
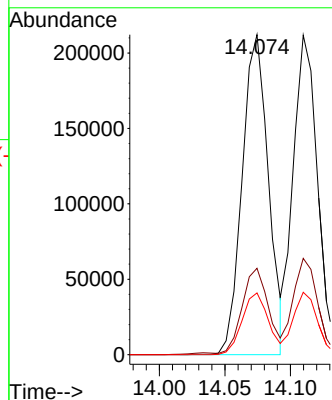
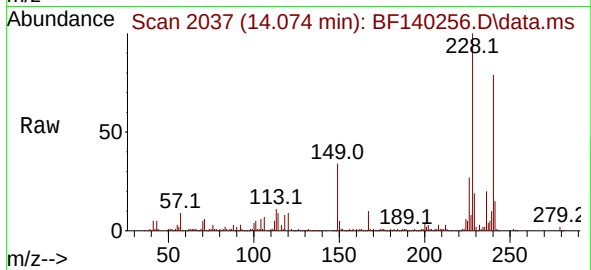




#81
Benzo(a)anthracene
Concen: 10.500 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.024 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

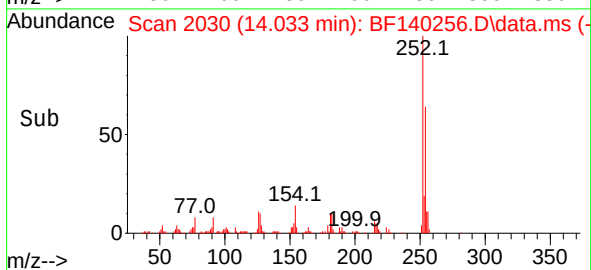
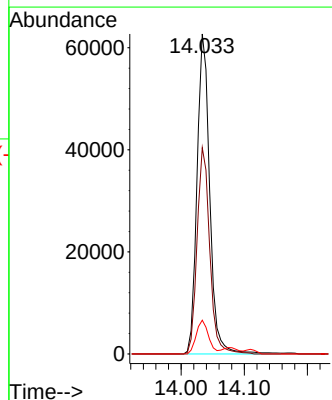
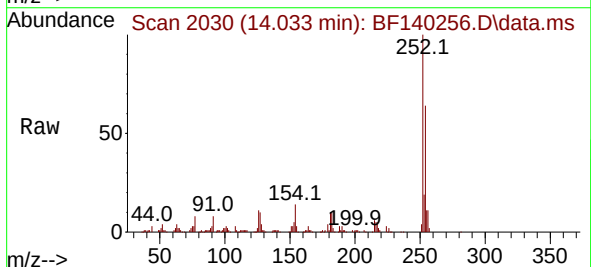
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

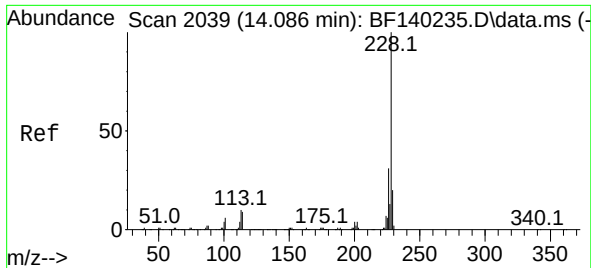
Tgt Ion:228 Resp: 295947
Ion Ratio Lower Upper
228 100
226 27.0 22.3 33.5
229 19.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 9.874 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.024 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:252 Resp: 87396
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.8
126 10.6 8.6 12.8

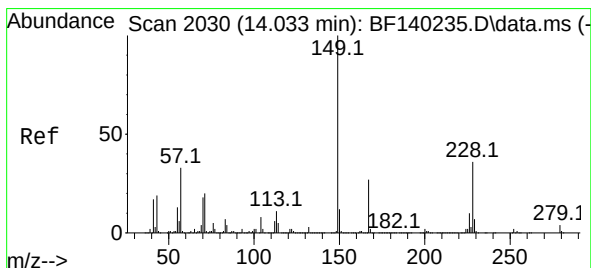
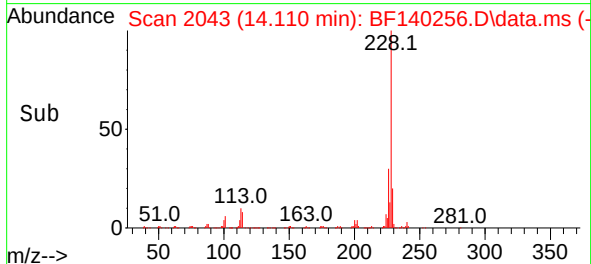
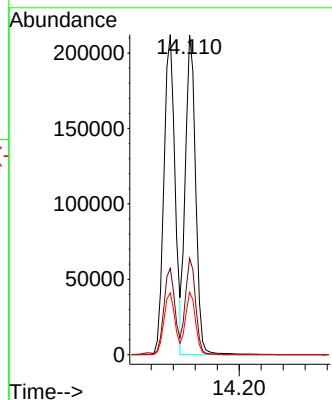
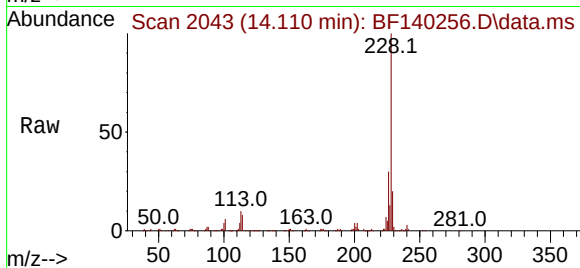




#83
Chrysene
Concen: 10.437 ng
RT: 14.110 min Scan# 2043
Delta R.T. 0.024 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

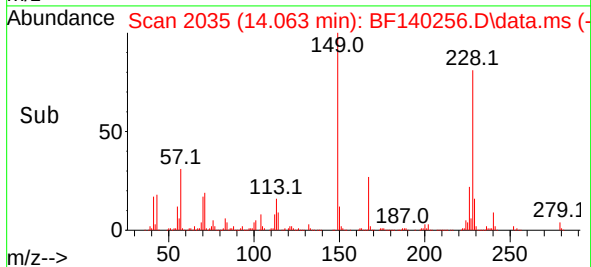
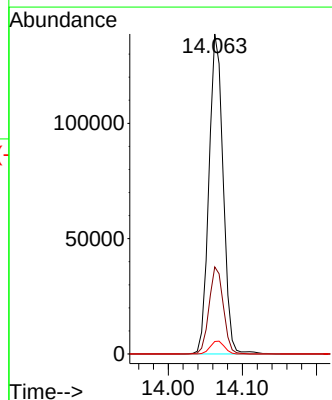
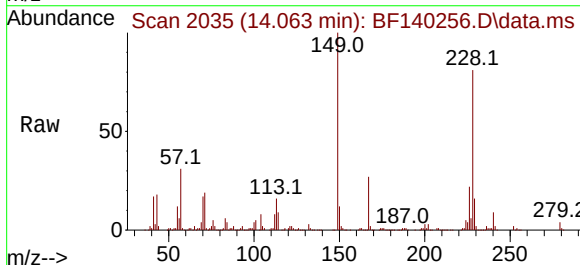
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

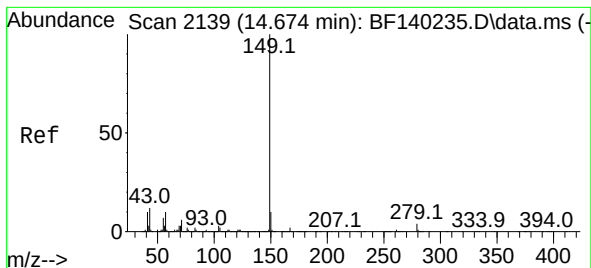
Tgt Ion:228 Resp: 275498
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 19.5 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.072 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.030 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:149 Resp: 184330
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.8
279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 9.632 ng

RT: 14.733 min Scan# 2139

Delta R.T. 0.059 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

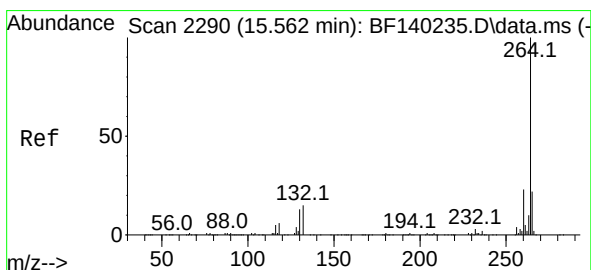
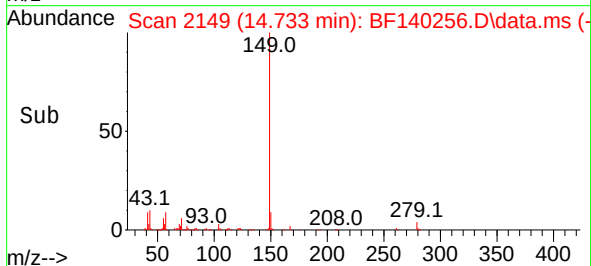
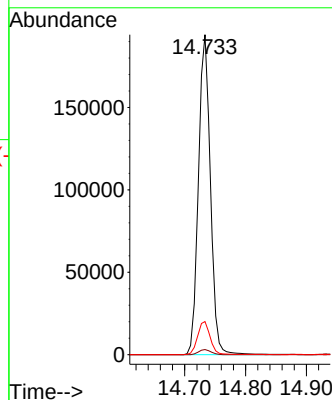
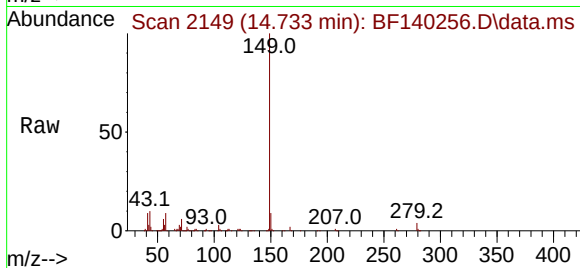
Tgt Ion:149 Resp: 265339

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.0 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2301

Delta R.T. 0.065 min

Lab File: BF140256.D

Acq: 06 Nov 2024 14:13

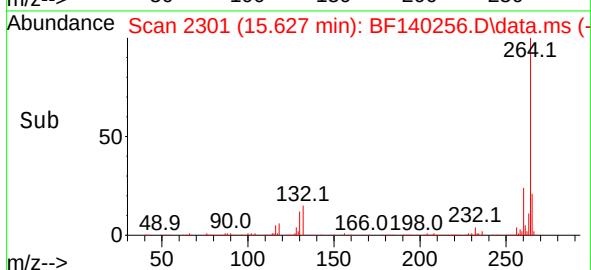
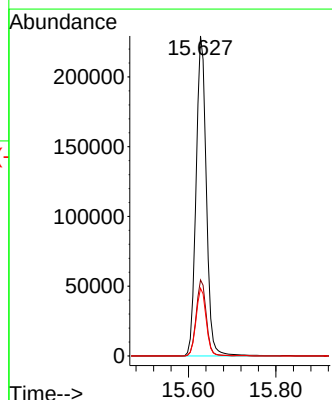
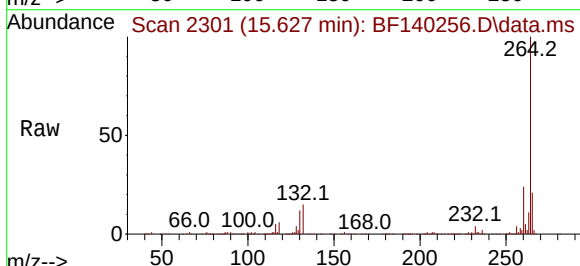
Tgt Ion:264 Resp: 374154

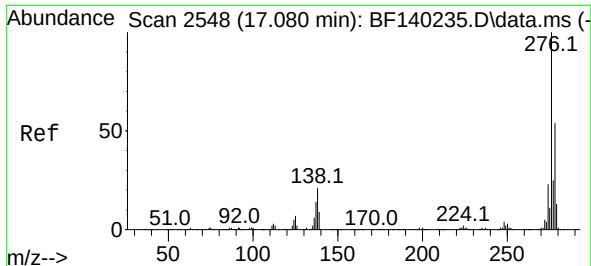
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.2 17.3 25.9

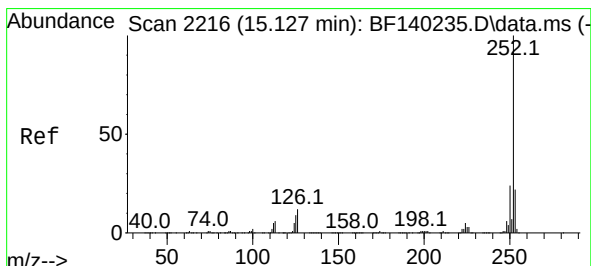
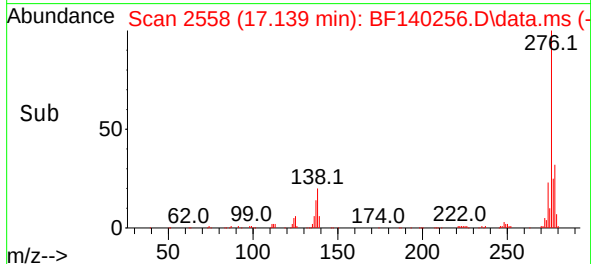
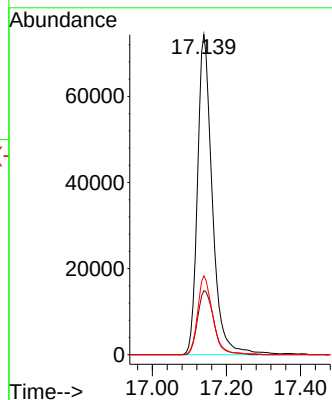
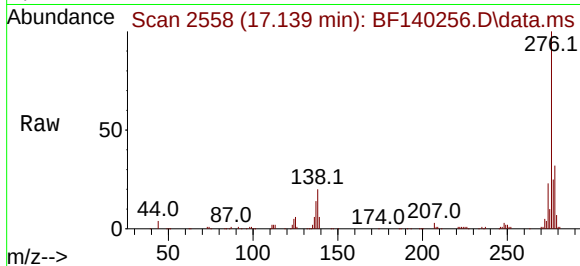




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.384 ng
 RT: 17.139 min Scan# 21
 Delta R.T. 0.059 min
 Lab File: BF140256.D
 Acq: 06 Nov 2024 14:13

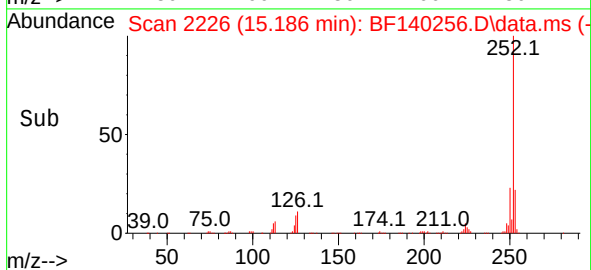
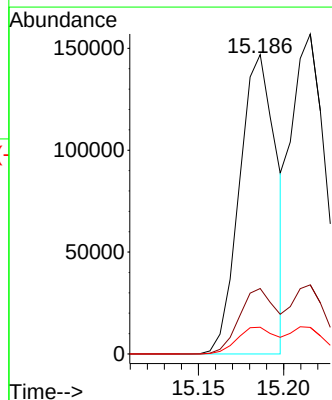
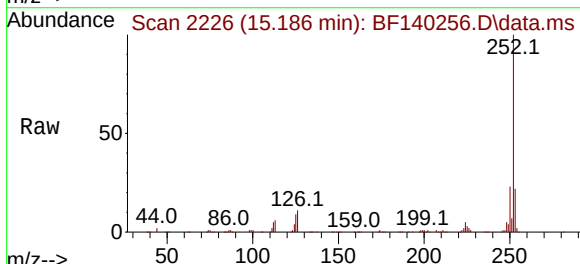
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

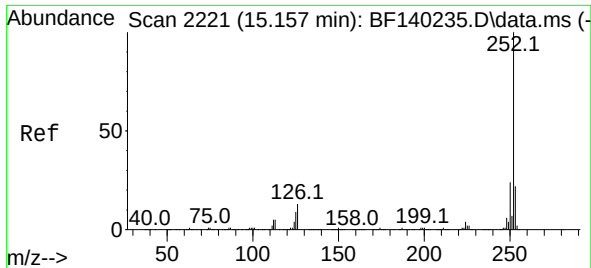
Tgt Ion:276 Resp: 206099
 Ion Ratio Lower Upper
 276 100
 138 21.9 17.6 26.4
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 9.710 ng
 RT: 15.186 min Scan# 2226
 Delta R.T. 0.059 min
 Lab File: BF140256.D
 Acq: 06 Nov 2024 14:13

Tgt Ion:252 Resp: 219752
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.9 26.9
 125 8.9 7.0 10.6

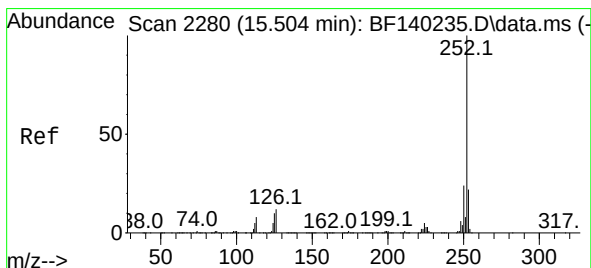
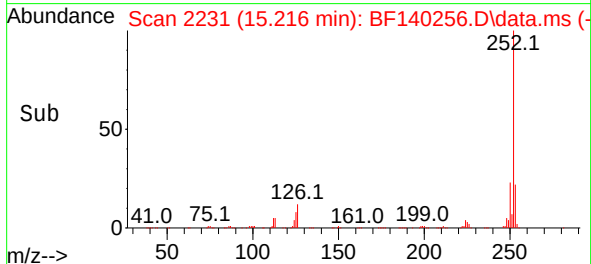
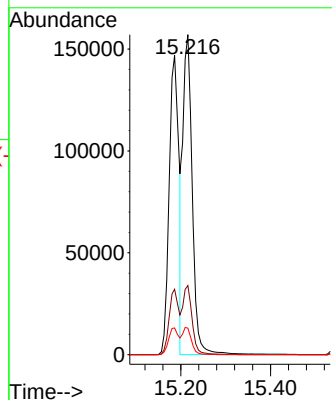
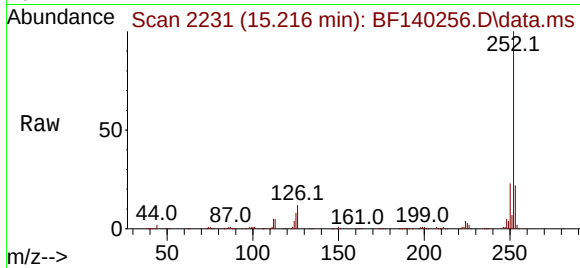




#89
Benzo(k)fluoranthene
Concen: 11.050 ng
RT: 15.216 min Scan# 2221
Delta R.T. 0.059 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

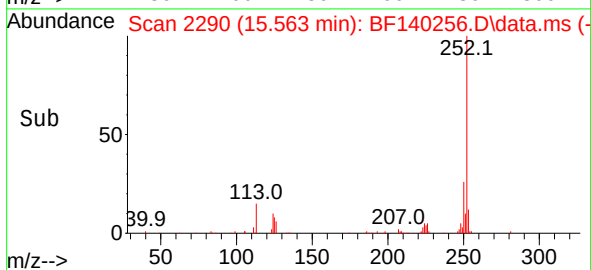
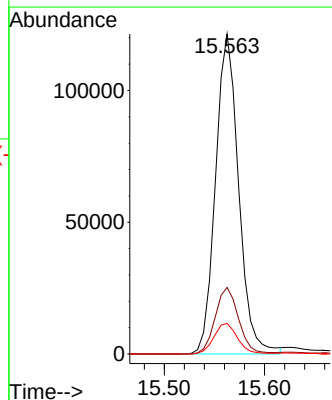
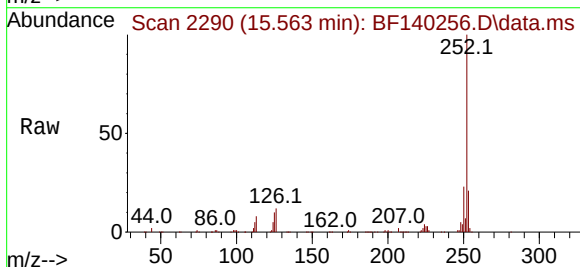
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

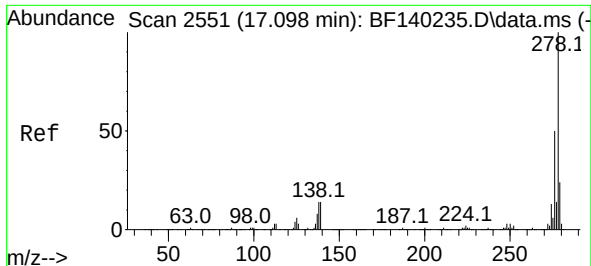
Tgt Ion:252 Resp: 229487
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 8.3 7.2 10.8



#90
Benzo(a)pyrene
Concen: 10.418 ng
RT: 15.563 min Scan# 2290
Delta R.T. 0.059 min
Lab File: BF140256.D
Acq: 06 Nov 2024 14:13

Tgt Ion:252 Resp: 194396
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.0
125 9.6 7.6 11.4

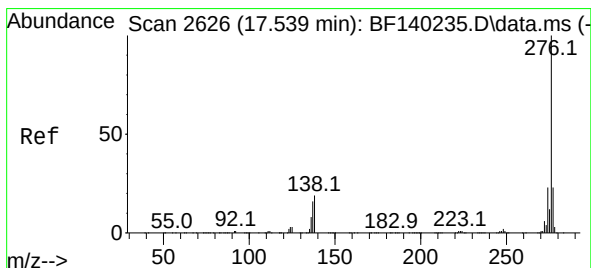
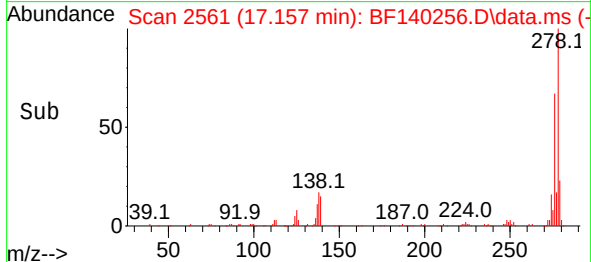
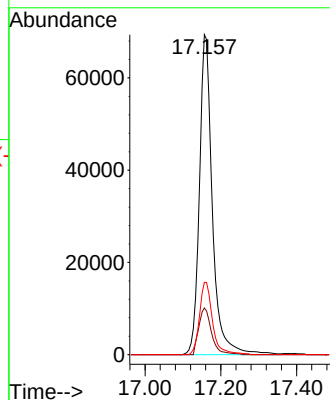
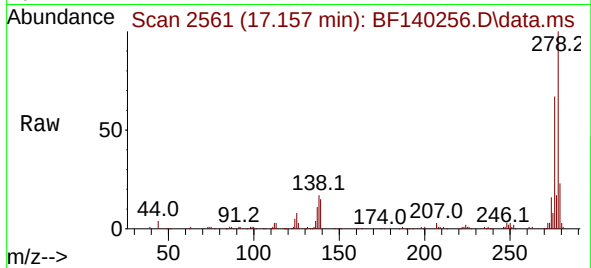




#91
 Dibenzo(a,h)anthracene
 Concen: 9.184 ng
 RT: 17.157 min Scan# 2561
 Delta R.T. 0.059 min
 Lab File: BF140256.D
 Acq: 06 Nov 2024 14:13

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Tgt Ion:278 Resp: 165952
 Ion Ratio Lower Upper
 278 100
 139 14.6 11.1 16.7
 279 22.6 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 8.349 ng
 RT: 17.592 min Scan# 2635
 Delta R.T. 0.053 min
 Lab File: BF140256.D
 Acq: 06 Nov 2024 14:13

Tgt Ion:276 Resp: 153893
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.8 28.2
 138 19.3 15.3 22.9

