

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139258.D
 Acq On : 05 Sep 2024 13:59
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-10 ng
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 05 15:45:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	189685	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	710948	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	376753	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	697552	20.000	ng	0.00
76) Chrysene-d12	14.051	240	332513	20.000	ng	0.00
86) Perylene-d12	15.527	264	321910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1087411	95.901	ng	0.00
7) Phenol-d6	6.516	99	1492043	98.568	ng	0.00
23) Nitrobenzene-d5	7.451	82	944939	69.145	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	338117	103.930	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1627079	66.665	ng	0.00
79) Terphenyl-d14	12.998	244	1443996	70.116	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	42484	8.046	ng	98
3) Pyridine	3.463	79	97047	7.614	ng	97
4) n-Nitrosodimethylamine	3.369	42	71279	8.612	ng	100
6) Aniline	6.551	93	147830	10.620	ng	97
8) 2-Chlorophenol	6.675	128	107155	9.119	ng	98
9) Benzaldehyde	6.440	77	93160	10.167	ng	99
10) Phenol	6.528	94	140817	8.819	ng	# 77
11) bis(2-Chloroethyl)ether	6.628	93	102420	8.954	ng	99
12) 1,3-Dichlorobenzene	6.828	146	117068	8.801	ng	98
13) 1,4-Dichlorobenzene	6.904	146	115353	8.664	ng	100
14) 1,2-Dichlorobenzene	7.057	146	108981	8.777	ng	99
15) Benzyl Alcohol	7.022	79	109819	9.948	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	206607	9.488	ng	100
17) 2-Methylphenol	7.134	107	79461	8.278	ng	99
18) Hexachloroethane	7.398	117	41286	8.683	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	82178	9.426	ng	99
20) 3+4-Methylphenols	7.287	107	107341	8.873	ng	92
22) Acetophenone	7.292	105	154535	9.124	ng	98
24) Nitrobenzene	7.469	77	123833	8.537	ng	100
25) Isophorone	7.704	82	208511	8.924	ng	100
26) 2-Nitrophenol	7.787	139	52533	9.221	ng	97
27) 2,4-Dimethylphenol	7.816	122	39676	4.883	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	126363	9.078	ng	98
29) 2,4-Dichlorophenol	8.022	162	87609	9.006	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	96745	8.707	ng	99
31) Naphthalene	8.192	128	320971	8.915	ng	99
32) Benzoic acid	7.898	122	78945	10.667	ng	98
33) 4-Chloroaniline	8.239	127	119085	9.553	ng	96
34) Hexachlorobutadiene	8.310	225	58352	8.288	ng	99
35) Caprolactam	8.581	113	26639	8.845	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	90279	8.516	ng	97
37) 2-Methylnaphthalene	8.881	142	202123	8.973	ng	98
38) 1-Methylnaphthalene	8.981	142	190557	8.602	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	98235	9.216	ng	99
41) Hexachlorocyclopentadiene	9.033	237	25469	7.435	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	63690	9.132	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139258.D
 Acq On : 05 Sep 2024 13:59
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-10 ng
 ALS Vial : 10 Sample Multiplier: 1

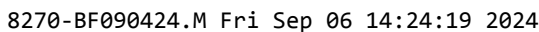
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 05 15:45:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	66014	9.033	ng	99
46) 1,1'-Biphenyl	9.345	154	257696	9.232	ng	100
47) 2-Chloronaphthalene	9.375	162	188594	8.948	ng	99
48) 2-Nitroaniline	9.463	65	67272	9.266	ng	97
49) Acenaphthylene	9.786	152	314288	9.900	ng	100
50) Dimethylphthalate	9.639	163	208819	9.145	ng	99
51) 2,6-Dinitrotoluene	9.704	165	44632	8.616	ng	99
52) Acenaphthene	9.957	154	190919	9.067	ng	99
53) 3-Nitroaniline	9.869	138	49613	8.989	ng	94
54) 2,4-Dinitrophenol	9.975	184	16179	12.926	ng #	62
55) Dibenzofuran	10.128	168	283717	9.398	ng	100
56) 4-Nitrophenol	10.022	139	57341	14.076	ng	99
57) 2,4-Dinitrotoluene	10.104	165	59366	9.004	ng	96
58) Fluorene	10.475	166	218139	9.320	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	54526	9.478	ng	98
60) Diethylphthalate	10.345	149	203427	9.052	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	101734	9.013	ng	99
62) 4-Nitroaniline	10.480	138	45454	8.652	ng	96
63) Azobenzene	10.628	77	217001	9.162	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	22376	6.942	ng	99
66) n-Nitrosodiphenylamine	10.580	169	182641	8.995	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	60694	8.968	ng	95
68) Hexachlorobenzene	11.016	284	68090	8.788	ng	99
69) Atrazine	11.104	200	54746	11.686	ng	99
70) Pentachlorophenol	11.210	266	57151	12.770	ng	98
71) Phenanthrene	11.433	178	303138	9.303	ng	99
72) Anthracene	11.486	178	287544	9.033	ng	99
73) Carbazole	11.639	167	269063	9.044	ng	100
74) Di-n-butylphthalate	11.974	149	283929	9.320	ng	100
75) Fluoranthene	12.621	202	297817	9.116	ng	100
77) Benzidine	12.745	184	47852	7.147	ng	97
78) Pyrene	12.851	202	299064	9.311	ng	100
80) Butylbenzylphthalate	13.474	149	72065	9.530	ng	96
81) Benzo(a)anthracene	14.039	228	193276	9.103	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	55287	9.805	ng	99
83) Chrysene	14.074	228	178716	9.019	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	76848	8.659	ng	98
85) Di-n-octyl phthalate	14.651	149	126091	7.421	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	157449	7.829	ng	98
88) Benzo(b)fluoranthene	15.092	252	156123	8.421	ng	99
89) Benzo(k)fluoranthene	15.121	252	156648	9.424	ng	99
90) Benzo(a)pyrene	15.462	252	140295	8.912	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	124413	7.507	ng	100
92) Benzo(g,h,i)perylene	17.445	276	120446	7.041	ng	99

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

Quant Time: Sep 05 15:45:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

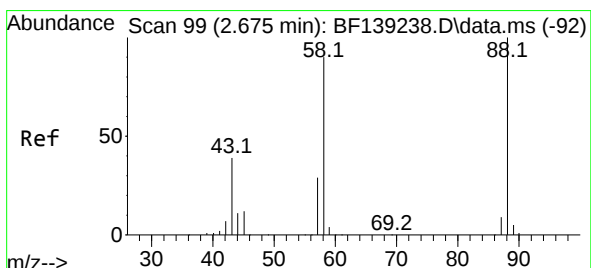
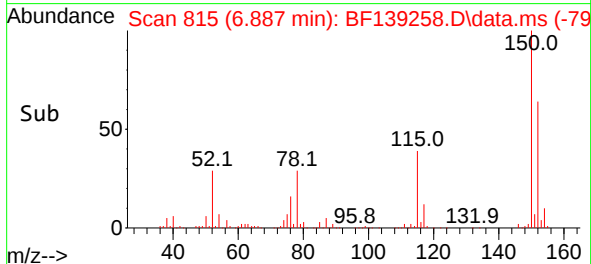
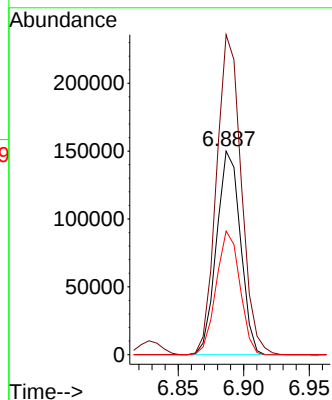
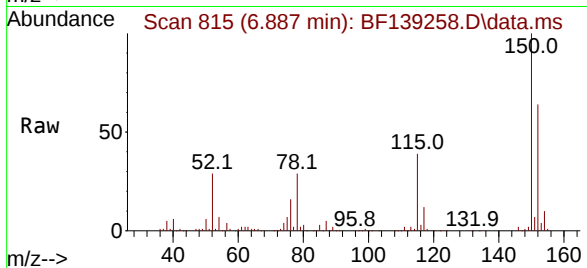




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF139258.D
 Acq: 05 Sep 2024 13:59

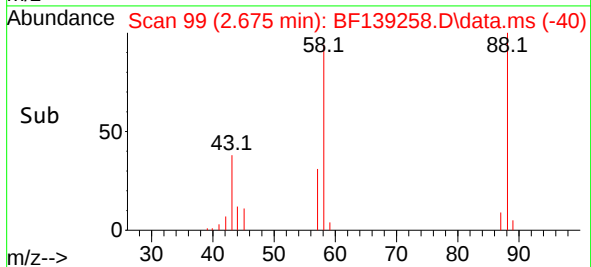
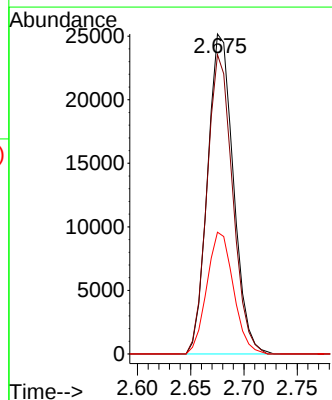
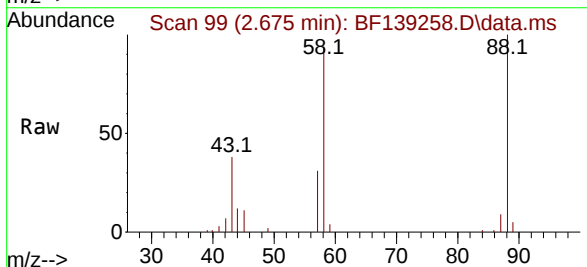
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

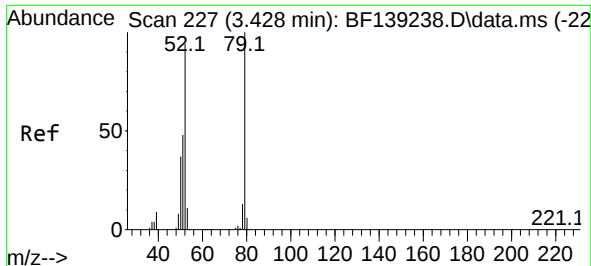
Tgt Ion:152 Resp: 189685
 Ion Ratio Lower Upper
 152 100
 150 157.2 127.0 190.4
 115 60.7 46.9 70.3



#2
 1,4-Dioxane
 Concen: 8.046 ng
 RT: 2.675 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: BF139258.D
 Acq: 05 Sep 2024 13:59

Tgt Ion: 88 Resp: 42484
 Ion Ratio Lower Upper
 88 100
 58 92.5 72.5 108.7
 43 39.1 31.4 47.2





#3

Pyridine

Concen: 7.614 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

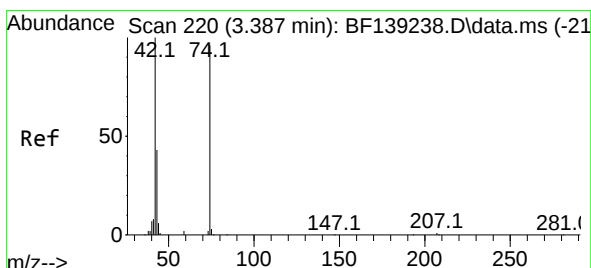
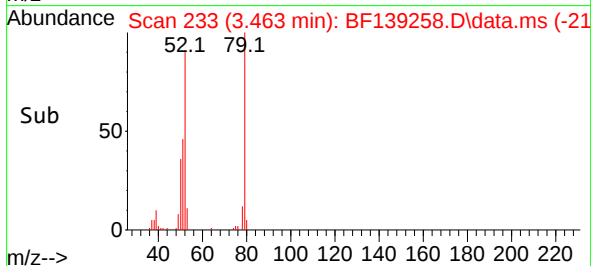
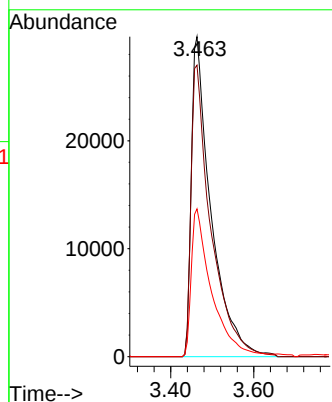
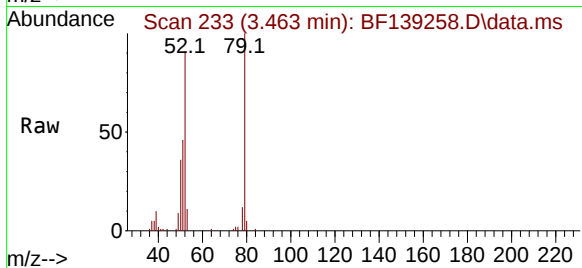
Tgt Ion: 79 Resp: 97047

Ion Ratio Lower Upper

79 100

52 91.1 75.3 112.9

51 46.2 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 8.612 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.018 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

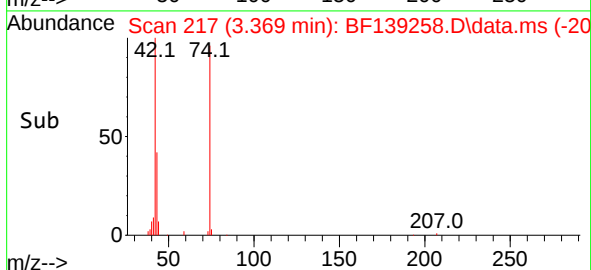
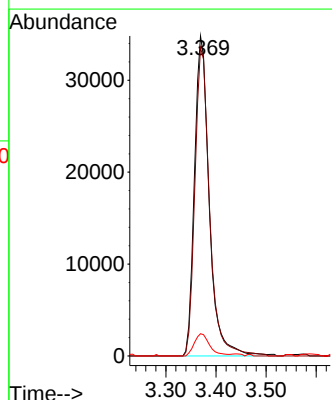
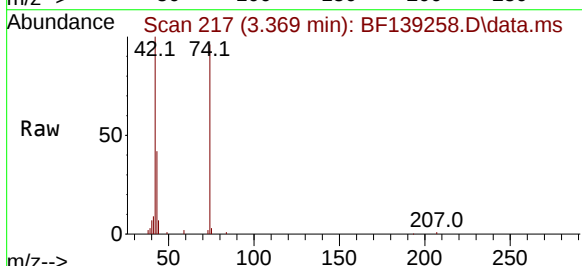
Tgt Ion: 42 Resp: 71279

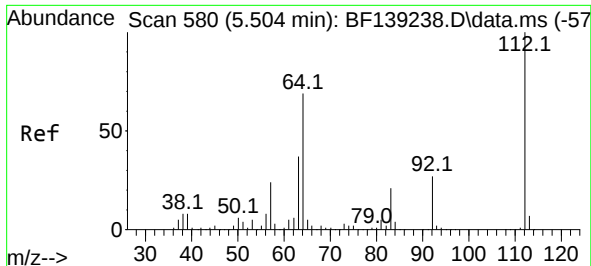
Ion Ratio Lower Upper

42 100

74 96.3 77.2 115.8

44 6.9 5.1 7.7

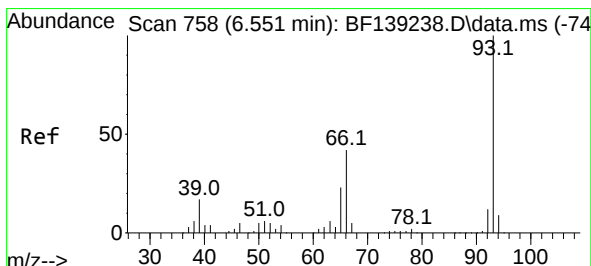
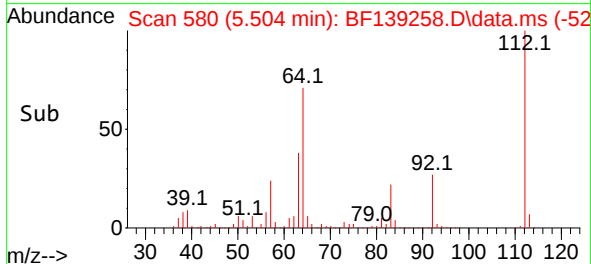
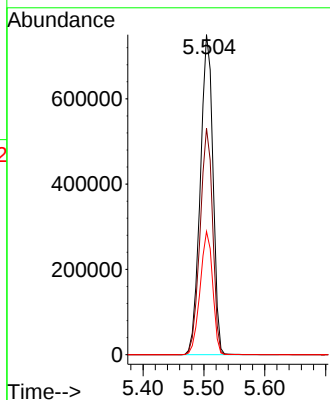
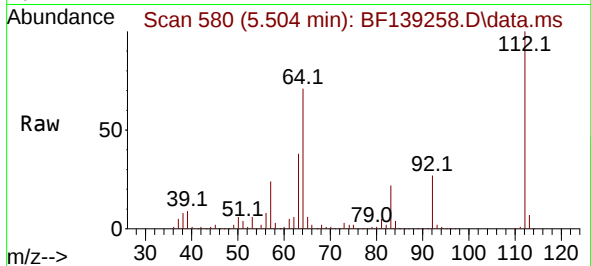




#5
2-Fluorophenol
Concen: 95.901 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

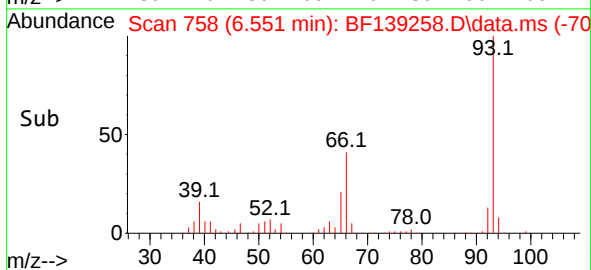
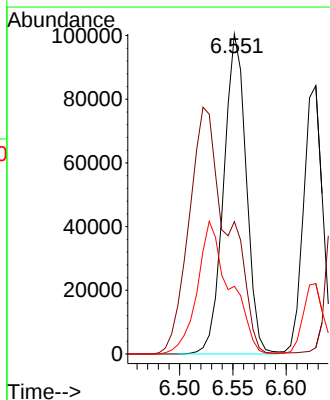
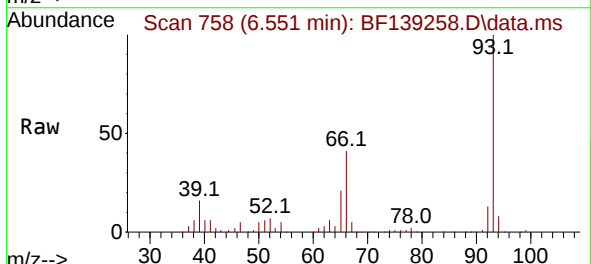
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

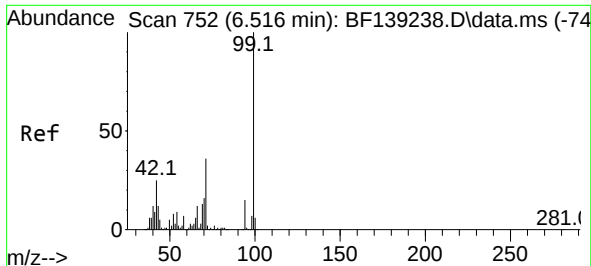
Tgt Ion:112 Resp: 1087411
Ion Ratio Lower Upper
112 100
64 70.7 55.0 82.4
63 38.5 29.9 44.9



#6
Aniline
Concen: 10.620 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion: 93 Resp: 147830
Ion Ratio Lower Upper
93 100
66 41.4 34.4 51.6
65 21.2 18.2 27.4





#7

Phenol-d6

Concen: 98.568 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

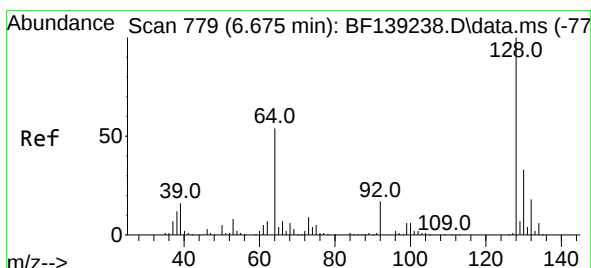
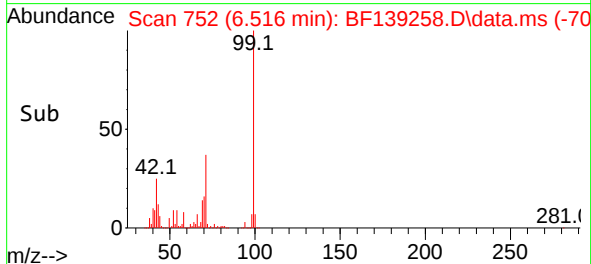
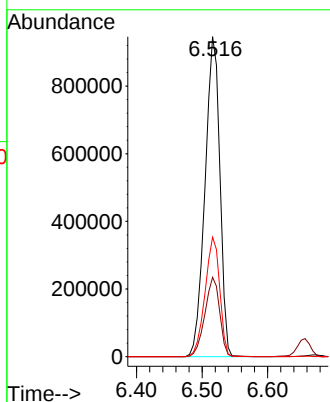
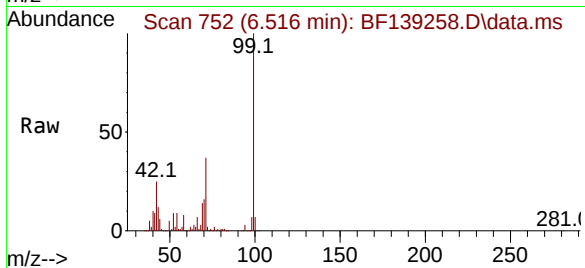
BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 99 Resp: 1492043

Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.8	29.6
71	37.4	28.8	43.2



#8

2-Chlorophenol

Concen: 9.119 ng

RT: 6.675 min Scan# 779

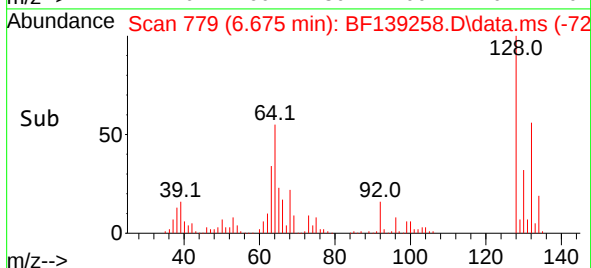
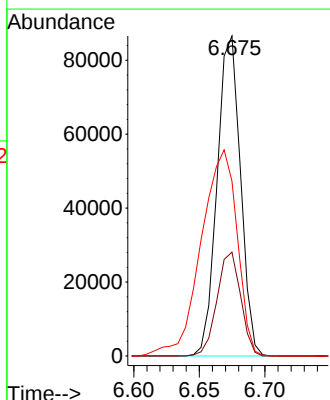
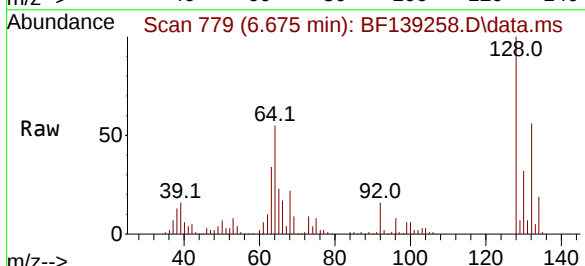
Delta R.T. -0.000 min

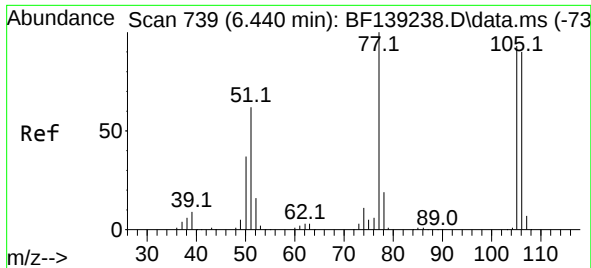
Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Tgt Ion: 128 Resp: 107155

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.7	52.7
64	54.7	36.6	76.6





#9

Benzaldehyde

Concen: 10.167 ng

RT: 6.440 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

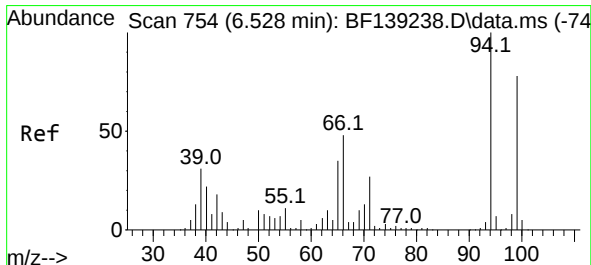
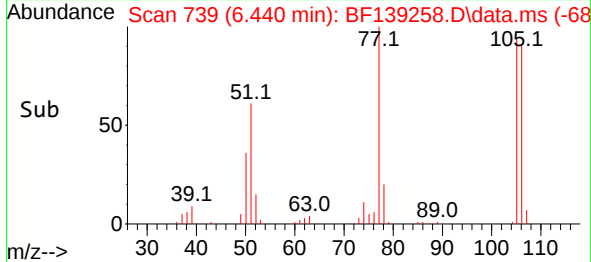
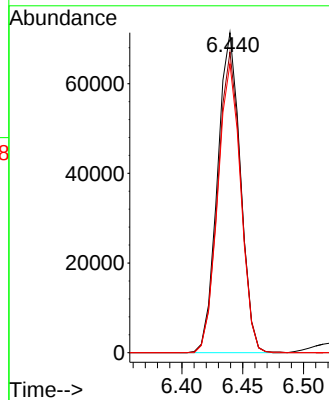
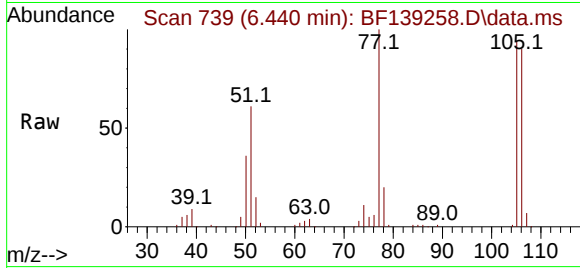
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:	77	Resp:	93160
Ion	Ratio	Lower	Upper
77	100		
105	93.9	72.9	112.9
106	90.3	69.6	109.6



#10

Phenol

Concen: 8.819 ng

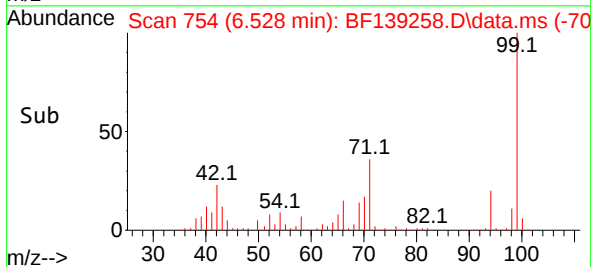
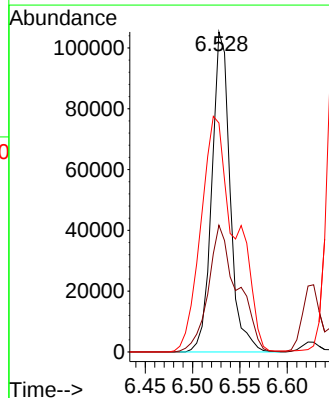
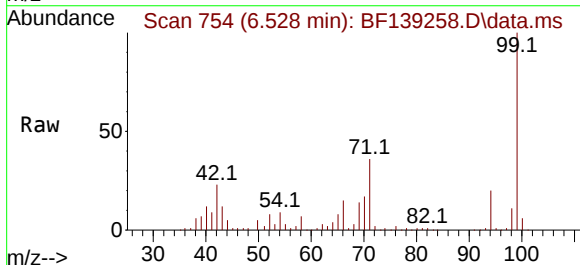
RT: 6.528 min Scan# 754

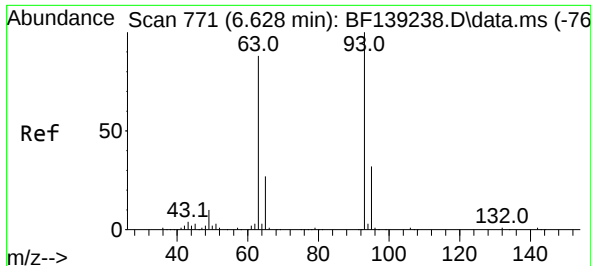
Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Tgt Ion:	94	Resp:	140817
Ion	Ratio	Lower	Upper
94	100		
65	39.6	14.7	54.7
66	71.6	28.5	68.5

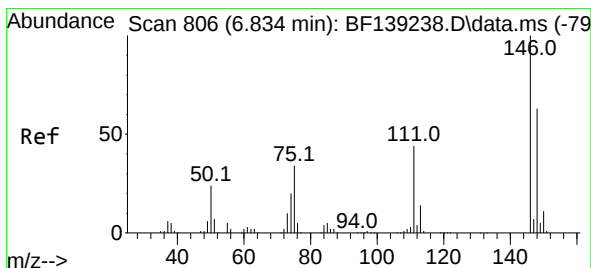
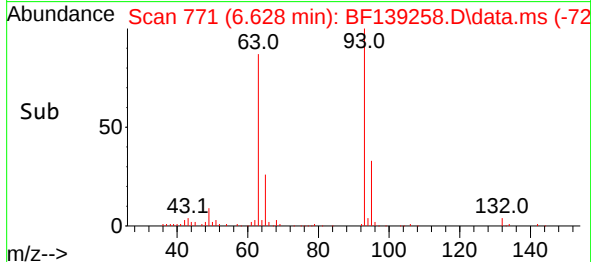
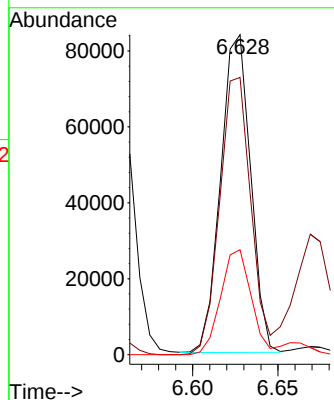
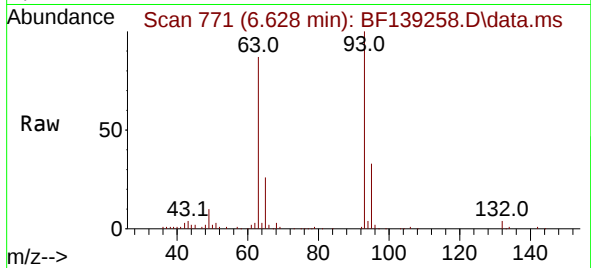




#11
bis(2-Chloroethyl)ether
Concen: 8.954 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

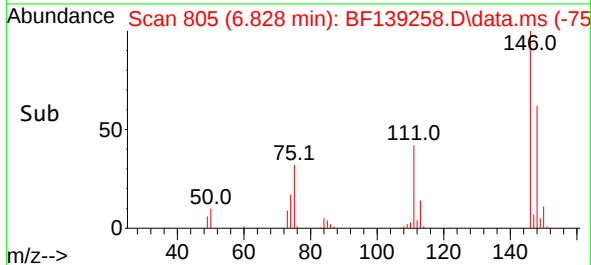
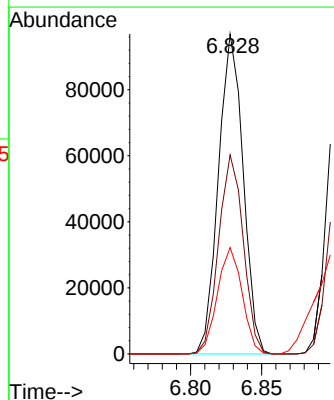
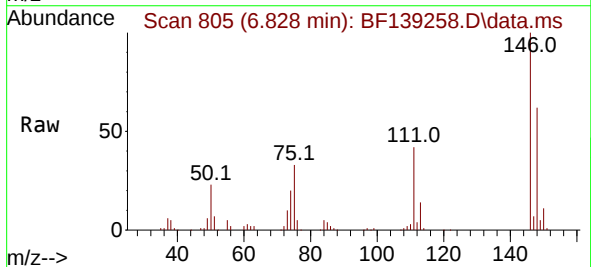
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

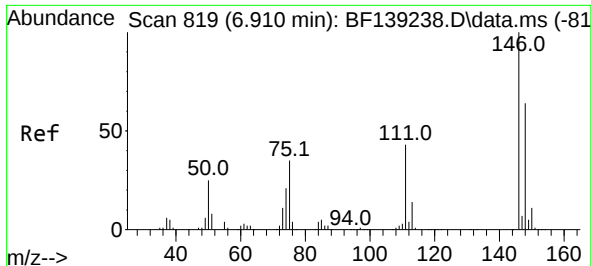
Tgt Ion: 93 Resp: 102420
Ion Ratio Lower Upper
93 100
63 86.6 67.1 107.1
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 8.801 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:146 Resp: 117068
Ion Ratio Lower Upper
146 100
148 62.2 50.8 76.2
75 33.2 27.3 40.9

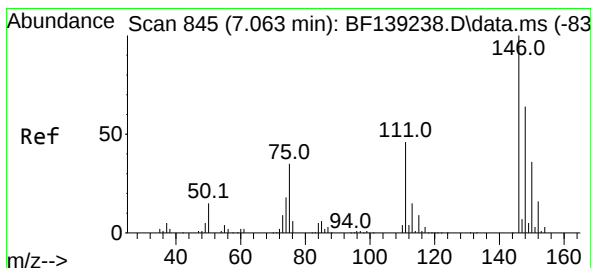
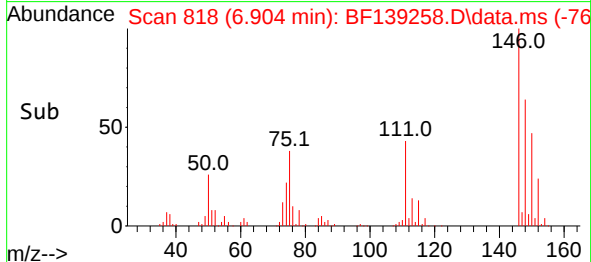
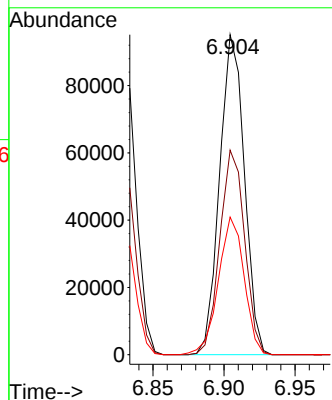
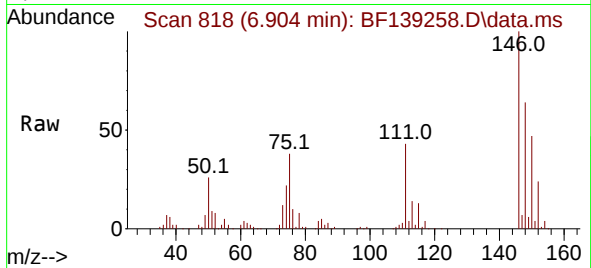




#13
1,4-Dichlorobenzene
Concen: 8.664 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

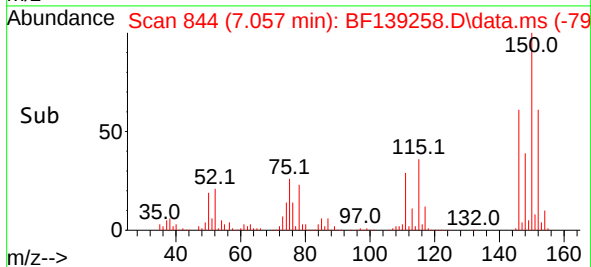
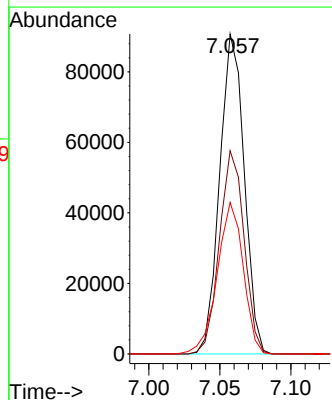
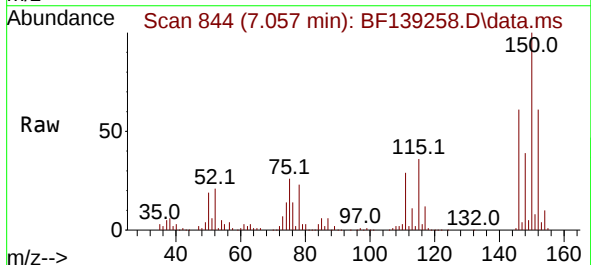
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

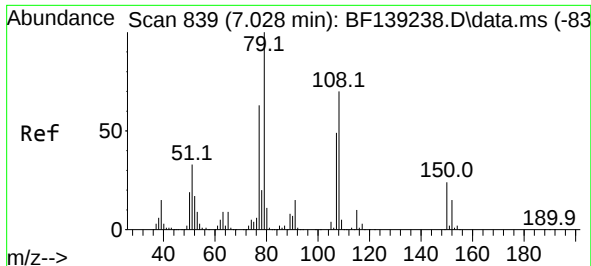
Tgt Ion:146 Resp: 115353
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 43.0 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 8.777 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:146 Resp: 108981
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
111 47.4 36.6 55.0

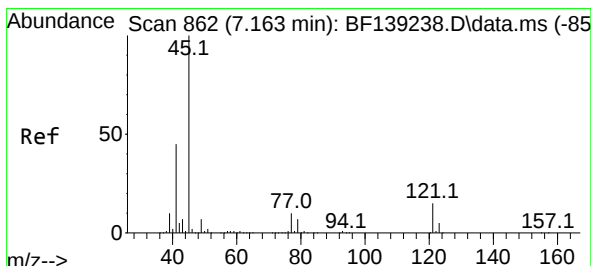
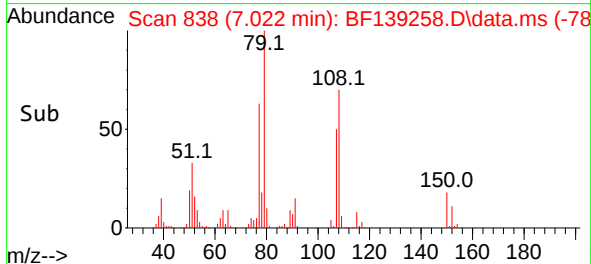
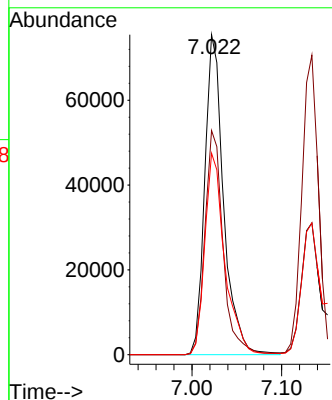
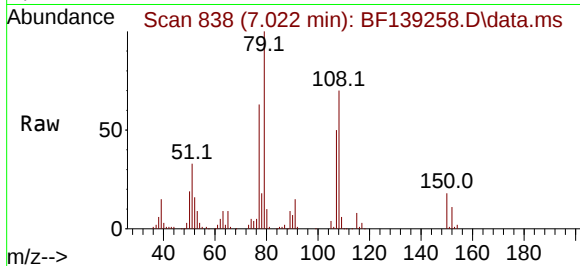




#15
Benzyl Alcohol
Concen: 9.948 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

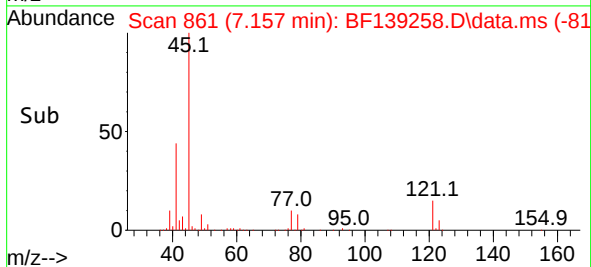
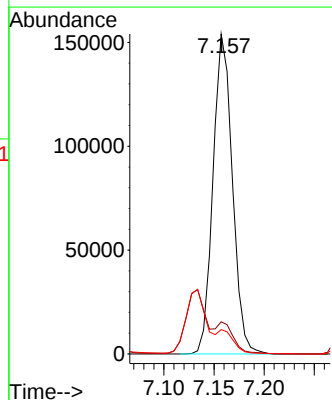
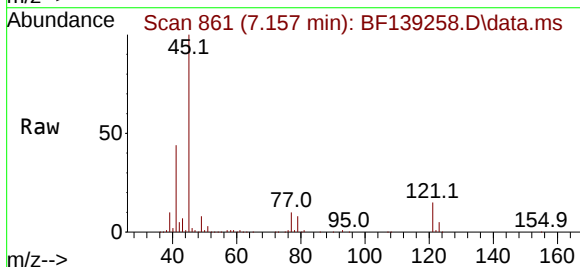
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

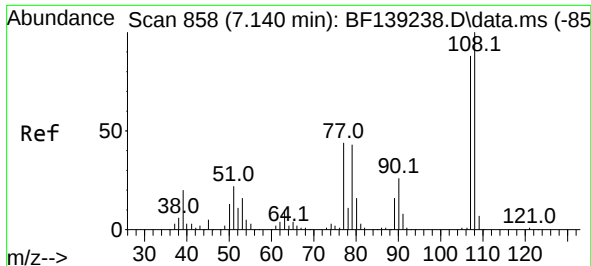
Tgt Ion: 79 Resp: 109819
Ion Ratio Lower Upper
79 100
108 70.0 56.1 84.1
77 62.9 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.488 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion: 45 Resp: 206607
Ion Ratio Lower Upper
45 100
77 10.1 0.0 30.0
79 7.6 0.0 27.6

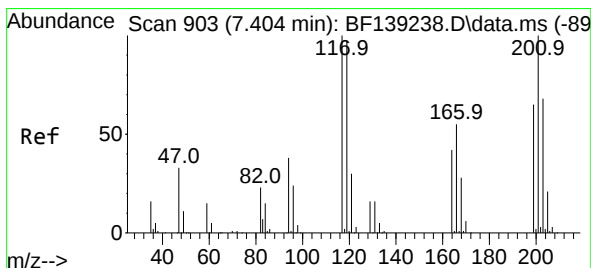
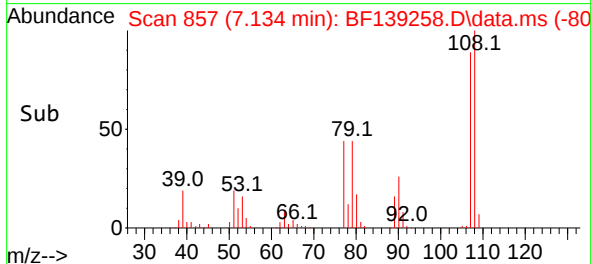
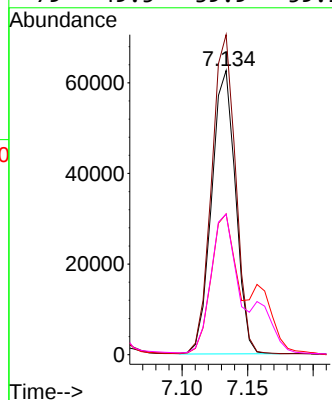
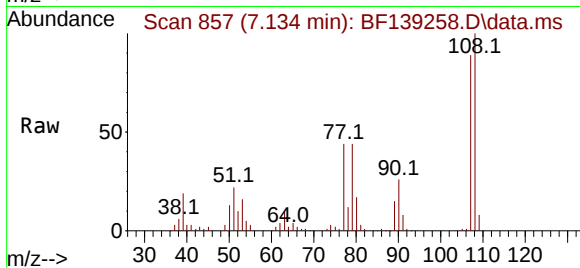




#17
2-Methylphenol
Concen: 8.278 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

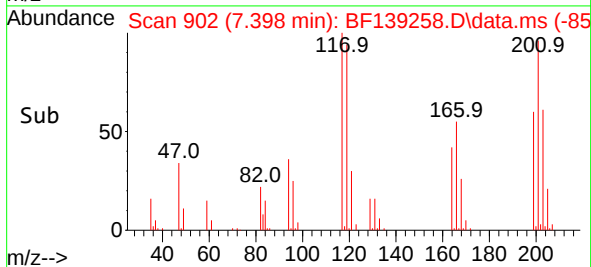
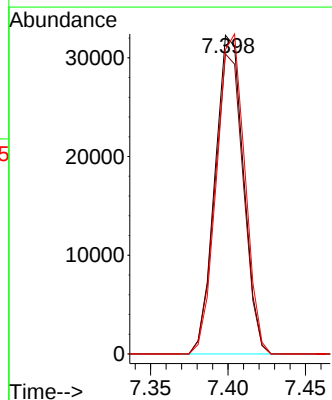
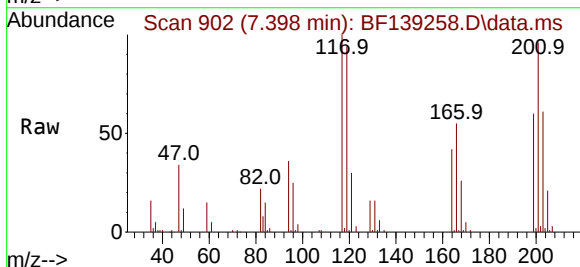
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:	107	Resp:	79461
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.4	137.2
77	49.6	40.1	60.1
79	49.5	39.9	59.9



#18
Hexachloroethane
Concen: 8.683 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:	117	Resp:	41286
Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.4	116.2
201	95.6	80.0	120.0

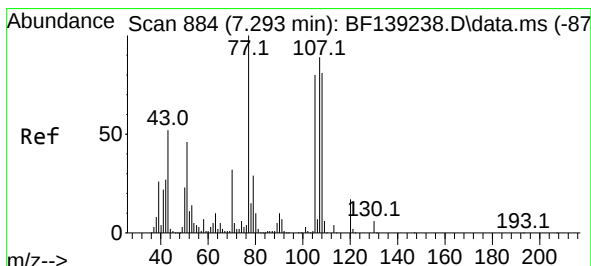
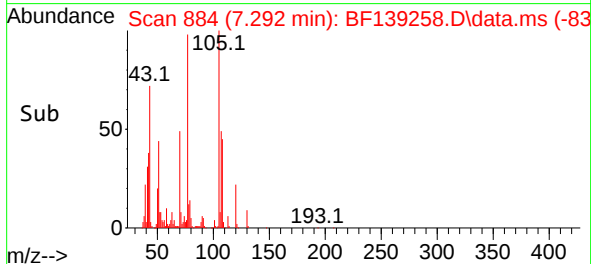
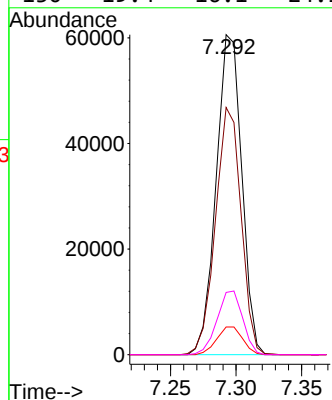
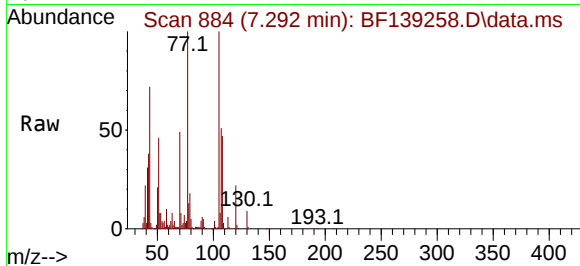




#19
n-Nitroso-di-n-propylamine
Concen: 9.426 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

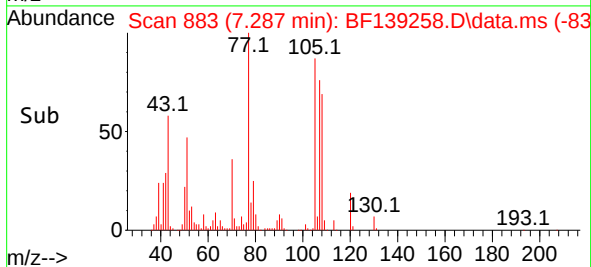
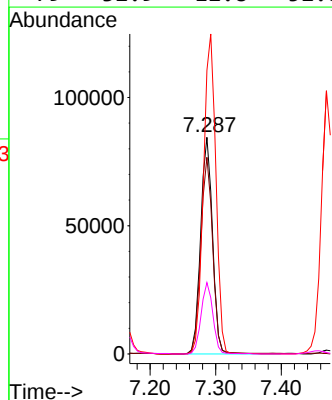
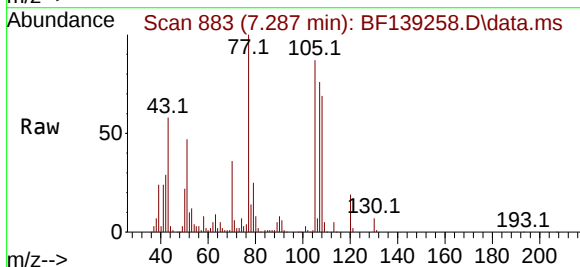
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

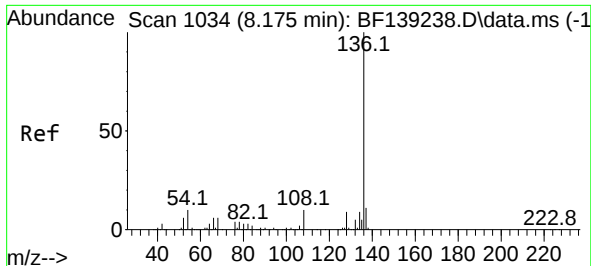
Tgt Ion:	70	Resp:	82178
Ion	Ratio	Lower	Upper
70	100		
42	77.2	61.0	91.6
101	8.6	7.2	10.8
130	19.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 8.873 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:	107	Resp:	107341
Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.4	110.4
77	130.9	92.2	132.2
79	32.9	12.8	52.8

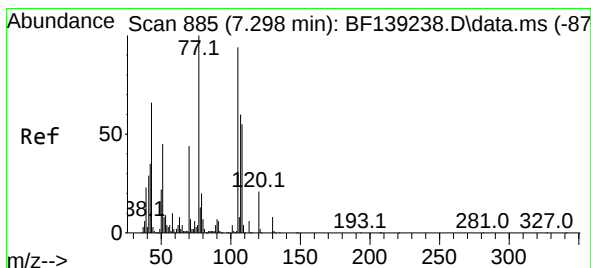
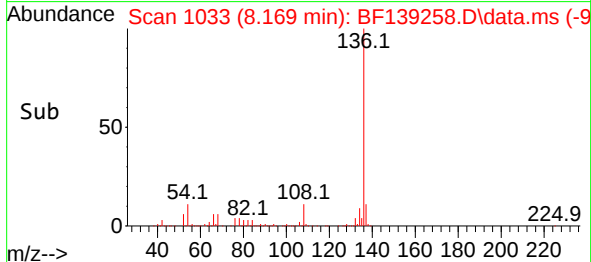
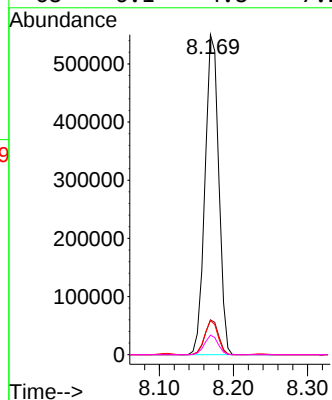
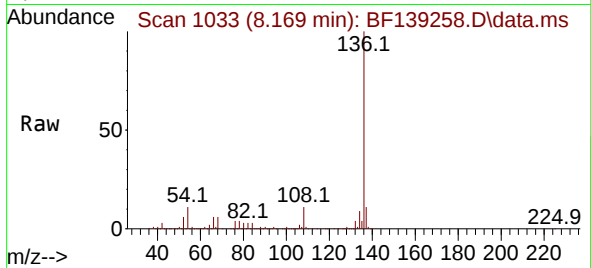




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

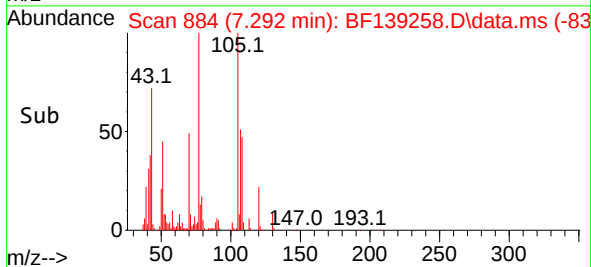
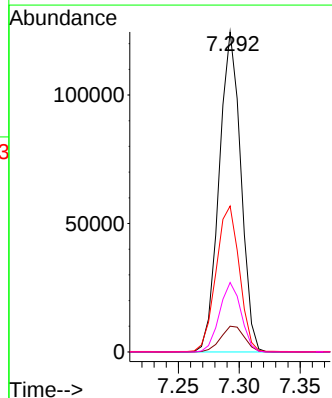
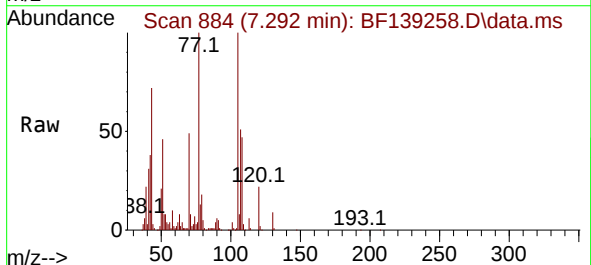
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

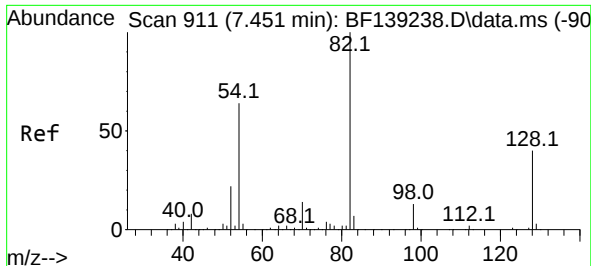
Tgt Ion:136 Resp: 710948
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.7 8.4 12.6
68 6.1 4.8 7.2



#22
Acetophenone
Concen: 9.124 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:105 Resp: 154535
Ion Ratio Lower Upper
105 100
71 8.0 6.2 9.2
51 45.6 38.2 57.2
120 21.7 17.7 26.5





#23

Nitrobenzene-d5

Concen: 69.145 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

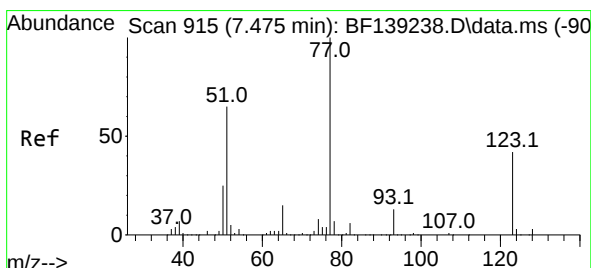
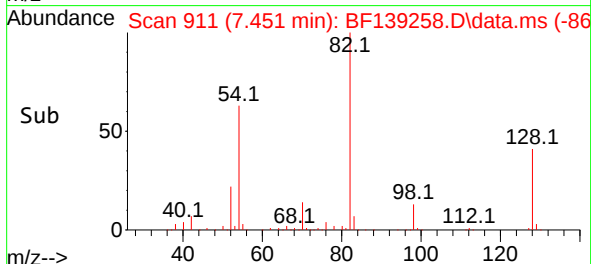
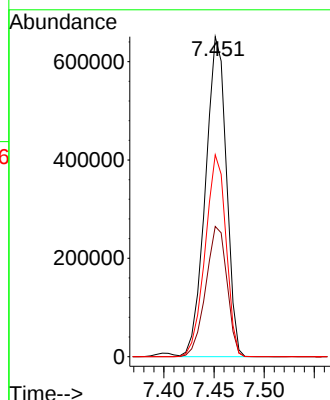
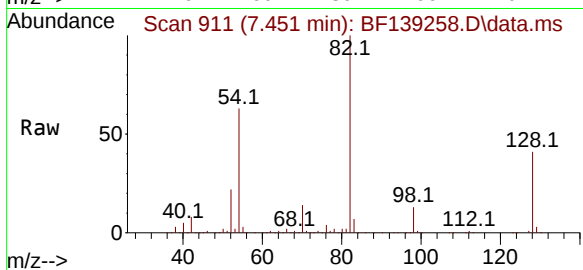
Tgt Ion: 82 Resp: 944939

Ion Ratio Lower Upper

82 100

128 40.7 32.3 48.5

54 63.1 51.2 76.8



#24

Nitrobenzene

Concen: 8.537 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

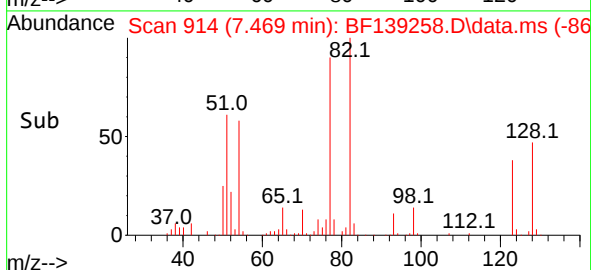
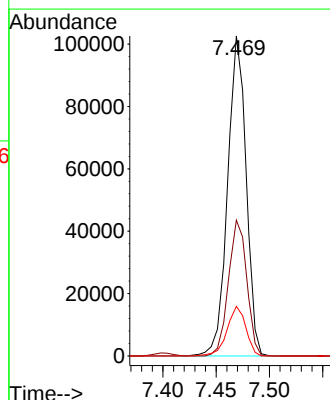
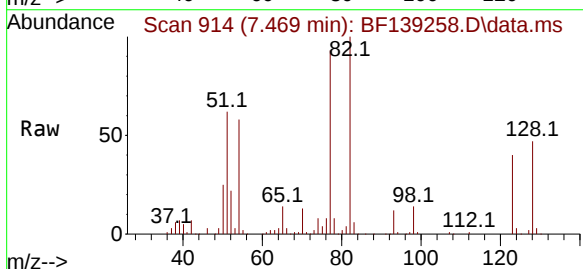
Tgt Ion: 77 Resp: 123833

Ion Ratio Lower Upper

77 100

123 42.5 34.0 51.0

65 15.5 12.1 18.1

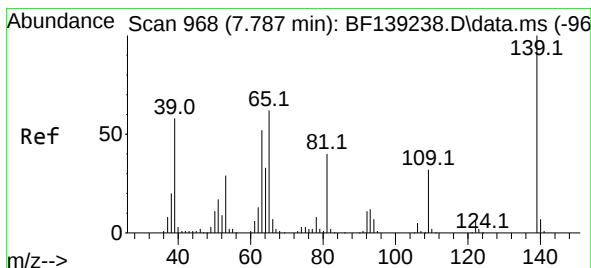
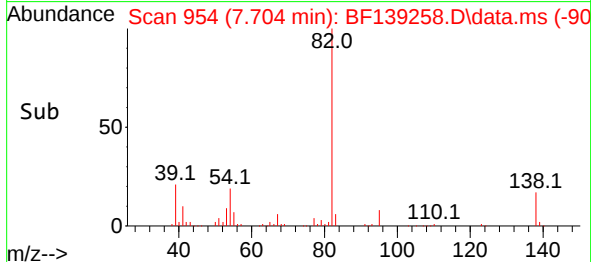
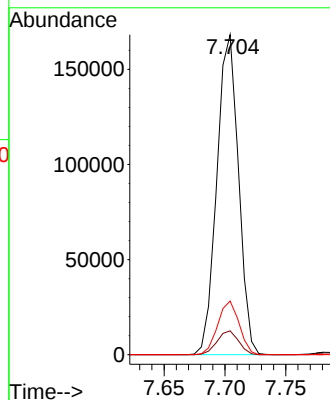
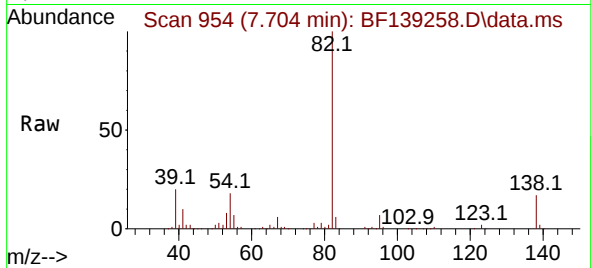




#25
Isophorone
Concen: 8.924 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

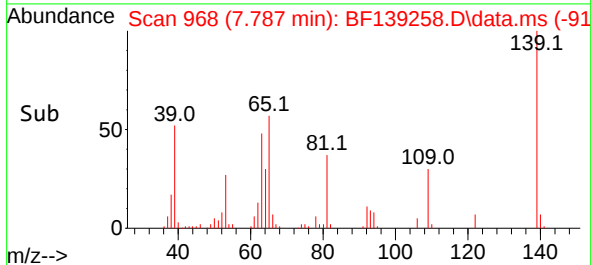
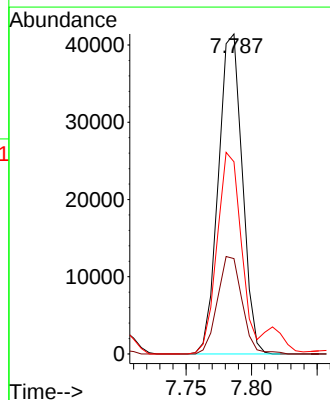
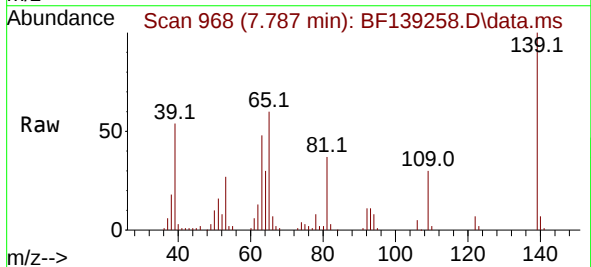
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 82 Resp: 208511
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.7 13.4 20.0



#26
2-Nitrophenol
Concen: 9.221 ng
RT: 7.787 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:139 Resp: 52533
Ion Ratio Lower Upper
139 100
109 29.8 25.4 38.2
65 60.1 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 4.883 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

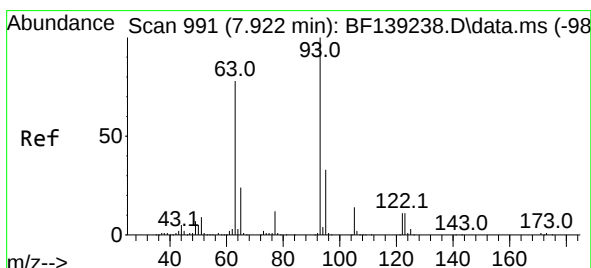
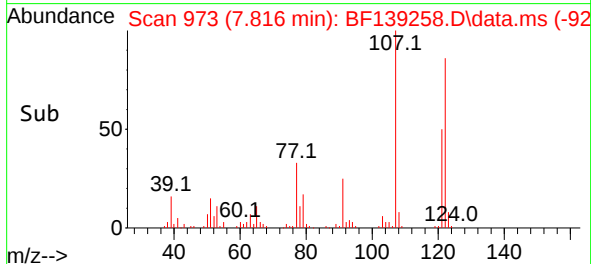
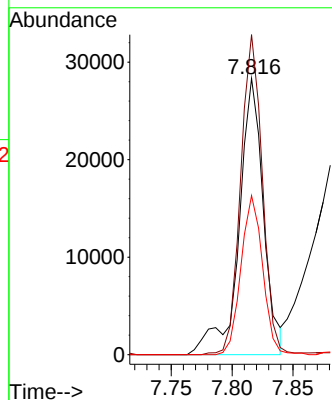
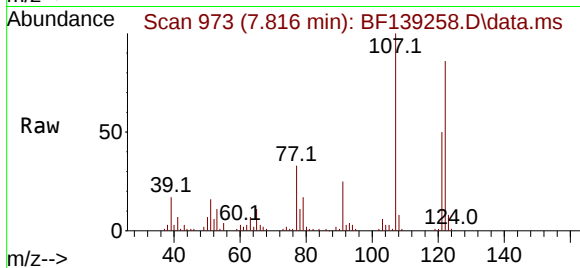
Tgt Ion:122 Resp: 39676

Ion Ratio Lower Upper

122 100

107 115.8 93.4 140.2

121 57.6 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 9.078 ng

RT: 7.916 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

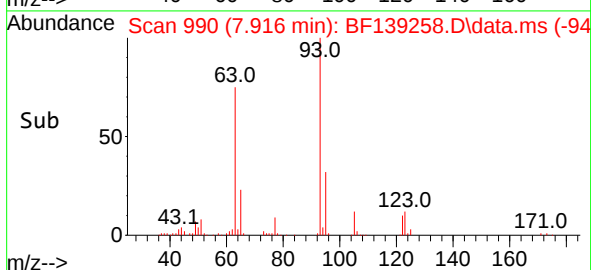
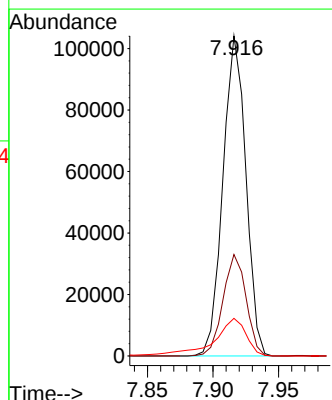
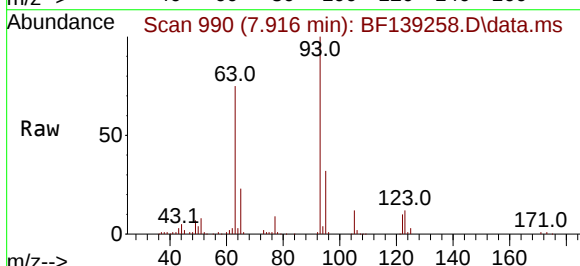
Tgt Ion: 93 Resp: 126363

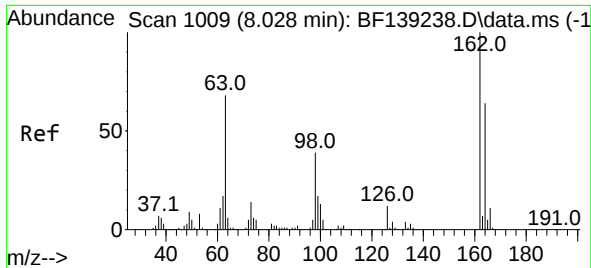
Ion Ratio Lower Upper

93 100

95 31.7 26.6 40.0

123 11.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 9.006 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

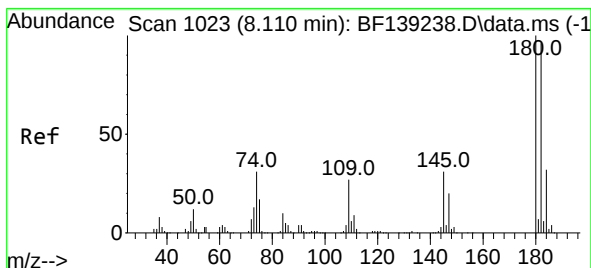
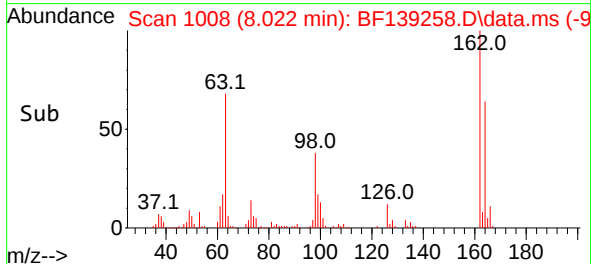
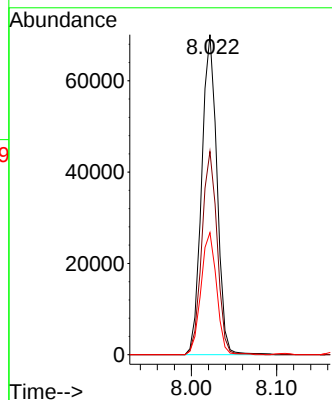
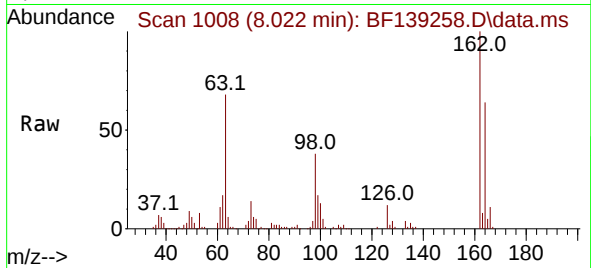
Tgt Ion:162 Resp: 87609

Ion Ratio Lower Upper

162 100

164 63.5 43.6 83.6

98 38.2 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 8.707 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

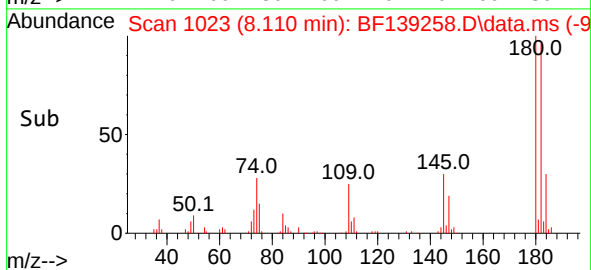
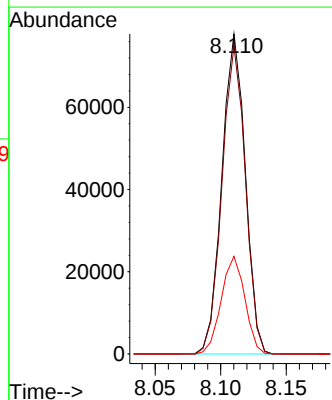
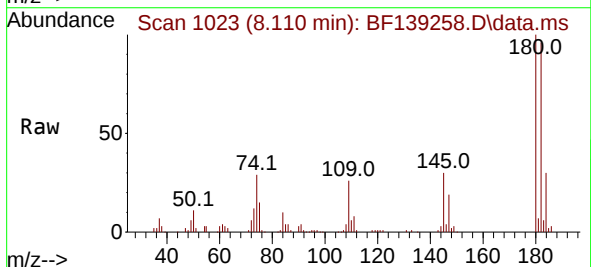
Tgt Ion:180 Resp: 96745

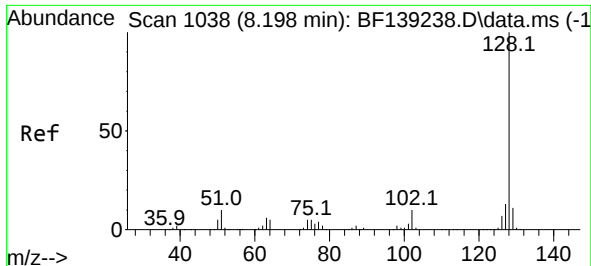
Ion Ratio Lower Upper

180 100

182 96.1 76.5 114.7

145 30.5 25.1 37.7

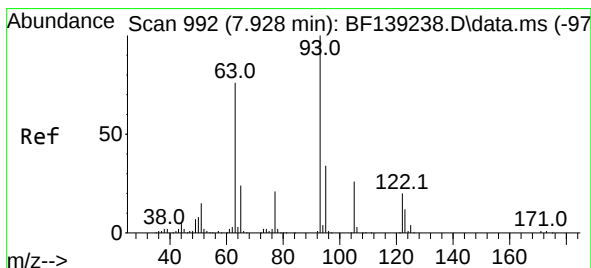
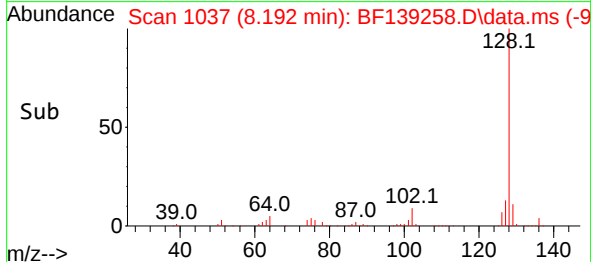
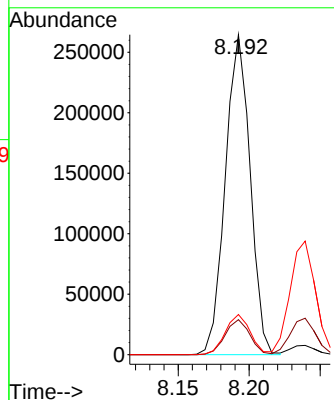
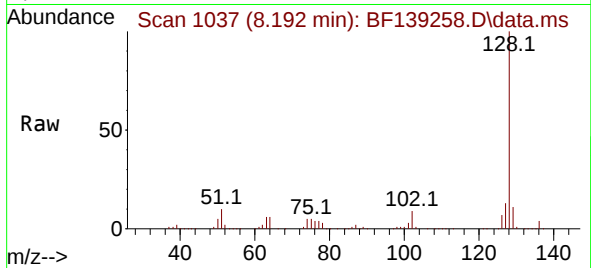




#31
Naphthalene
Concen: 8.915 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

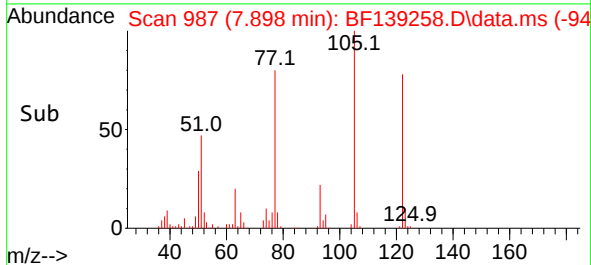
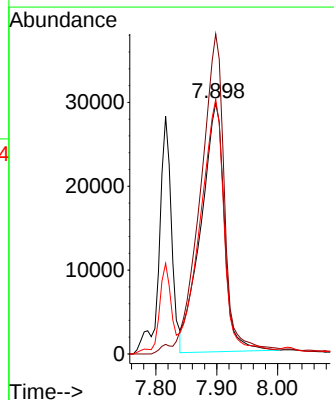
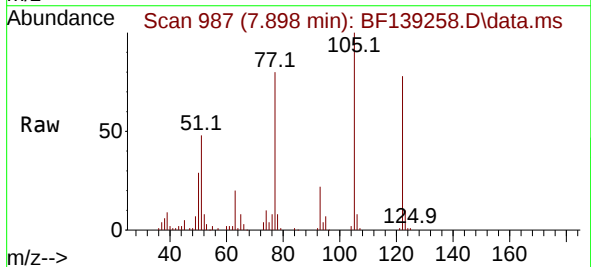
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2024

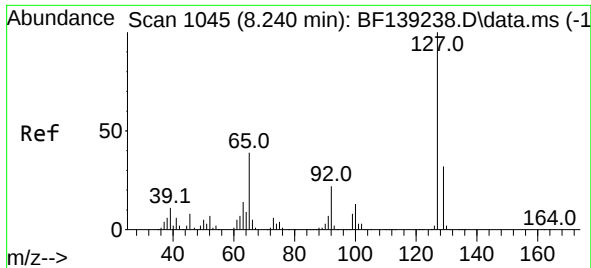
Tgt Ion:128 Resp: 320971
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.6 10.6 15.8



#32
Benzoic acid
Concen: 10.667 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.030 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:122 Resp: 78945
Ion Ratio Lower Upper
122 100
105 127.6 106.3 146.3
77 101.5 84.1 124.1

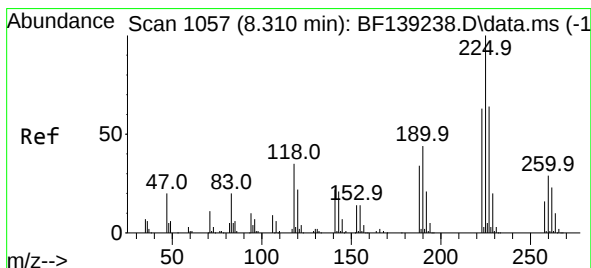
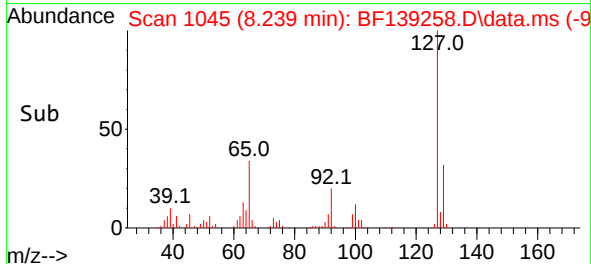
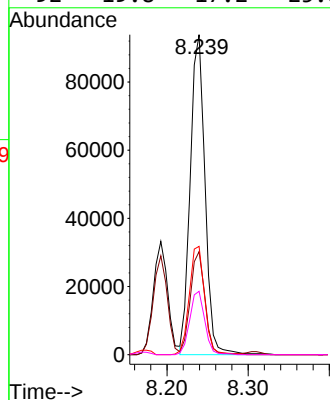
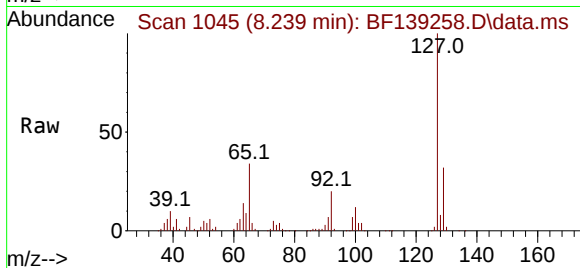




#33
4-Chloroaniline
Concen: 9.553 ng
RT: 8.239 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

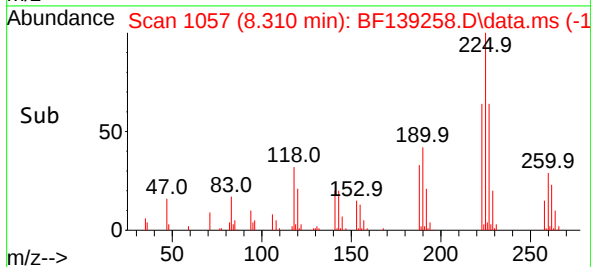
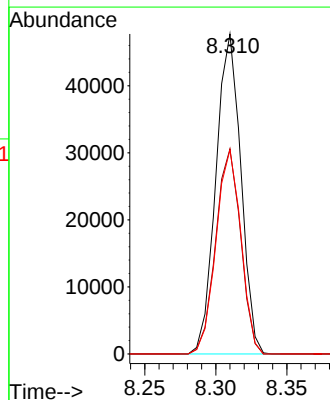
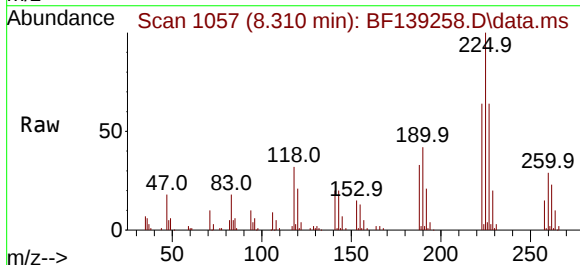
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2024

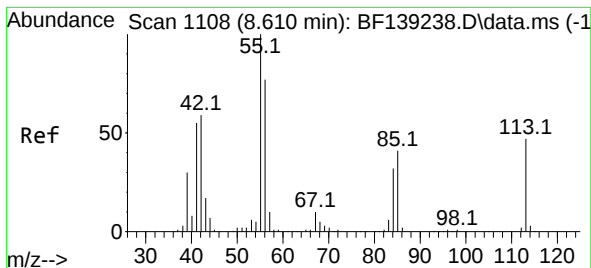
Tgt Ion:	127	Resp:	119085
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	33.9	30.6	45.8
92	19.8	17.2	25.8



#34
Hexachlorobutadiene
Concen: 8.288 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:	225	Resp:	58352
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.7	76.1
227	63.8	51.5	77.3





#35

Caprolactam

Concen: 8.845 ng

RT: 8.581 min Scan# 1103

Delta R.T. -0.030 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

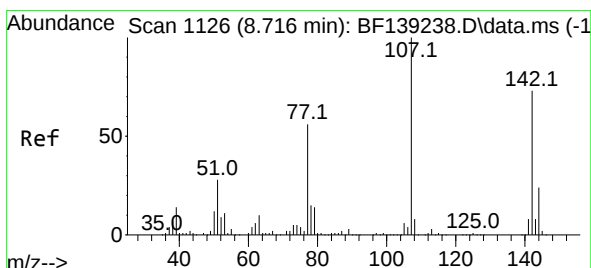
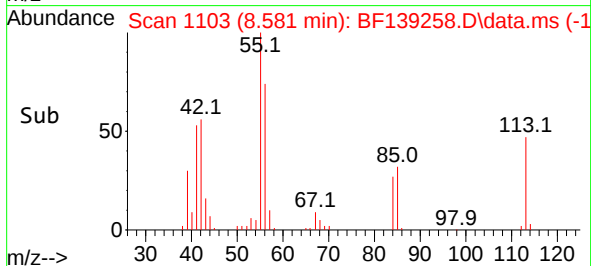
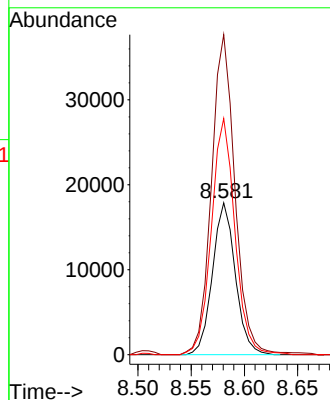
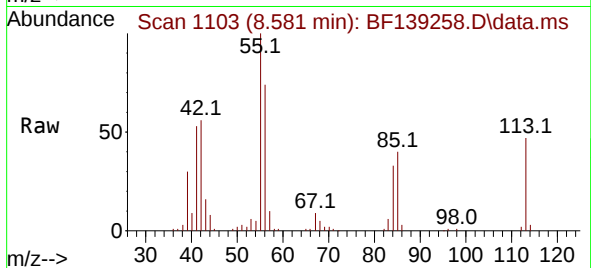
Tgt Ion:113 Resp: 26639

Ion Ratio Lower Upper

113 100

55 210.7 193.7 233.7

56 155.5 145.0 185.0



#36

4-Chloro-3-methylphenol

Concen: 8.516 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

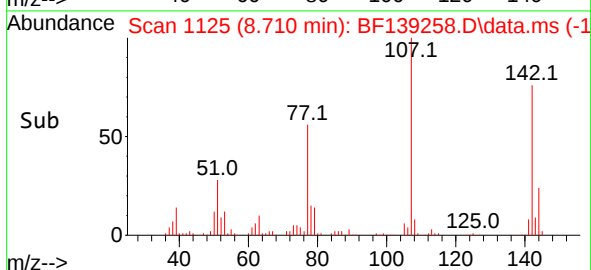
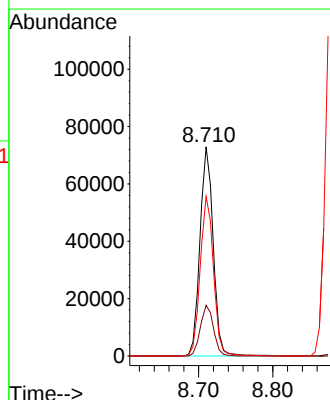
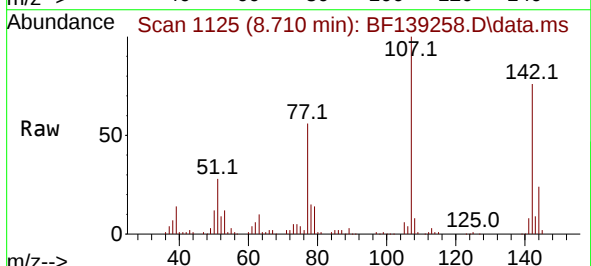
Tgt Ion:107 Resp: 90279

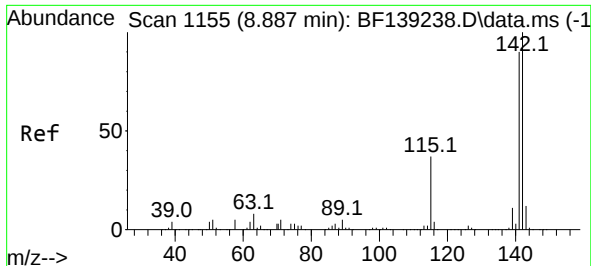
Ion Ratio Lower Upper

107 100

144 24.2 19.1 28.7

142 76.2 58.3 87.5

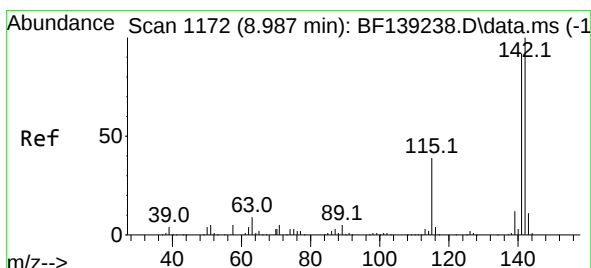
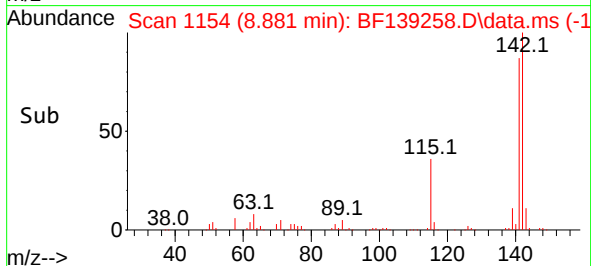
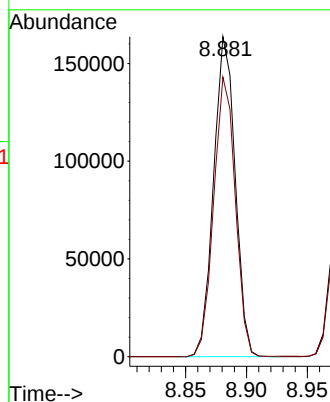
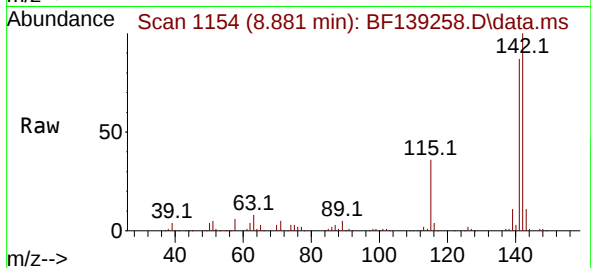




#37
2-Methylnaphthalene
Concen: 8.973 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

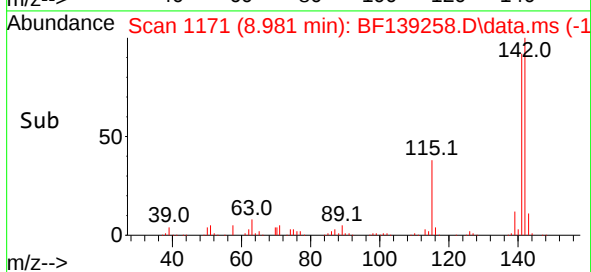
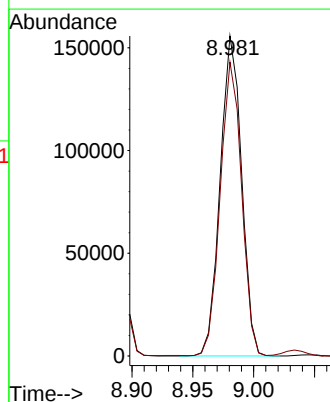
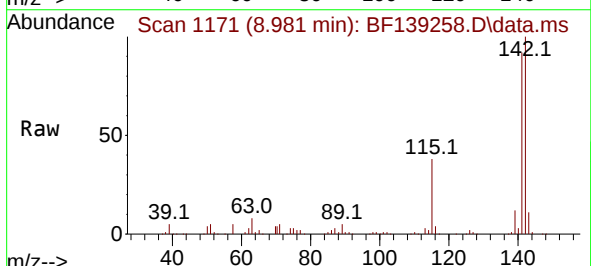
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2024

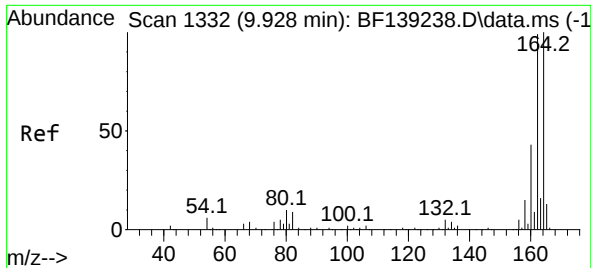
Tgt Ion:142 Resp: 202123
Ion Ratio Lower Upper
142 100
141 87.4 71.6 107.4



#38
1-Methylnaphthalene
Concen: 8.602 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:142 Resp: 190557
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3

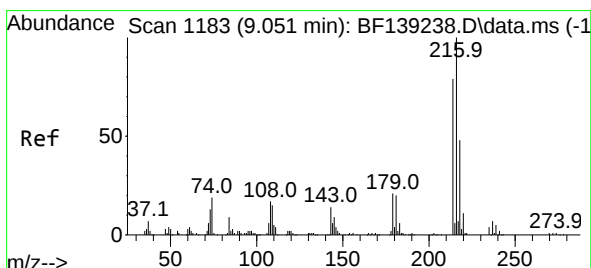
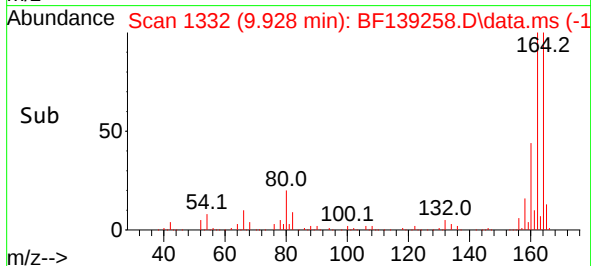
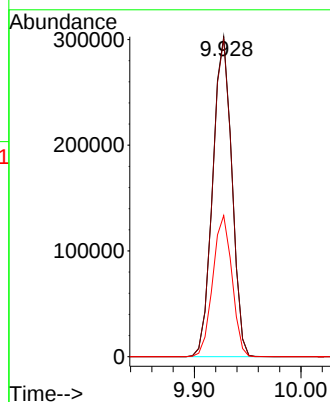
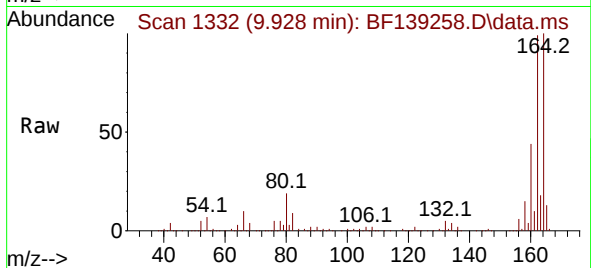




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

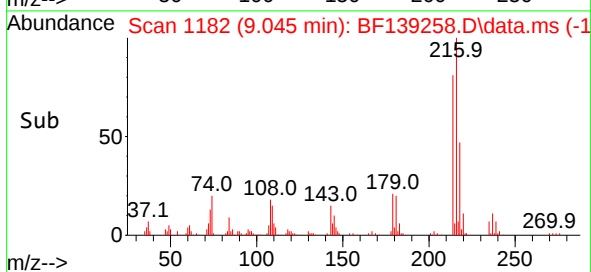
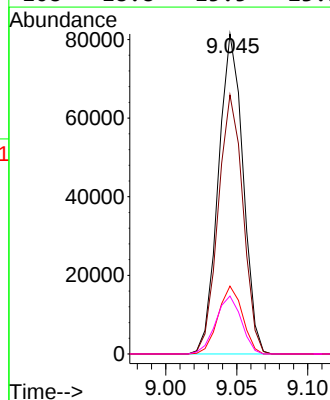
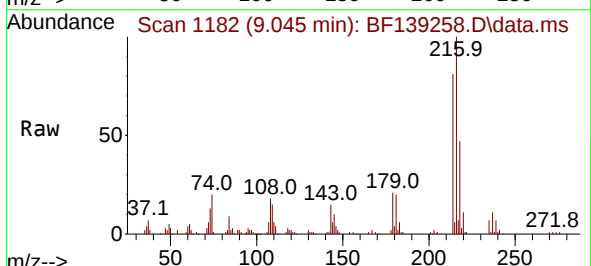
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

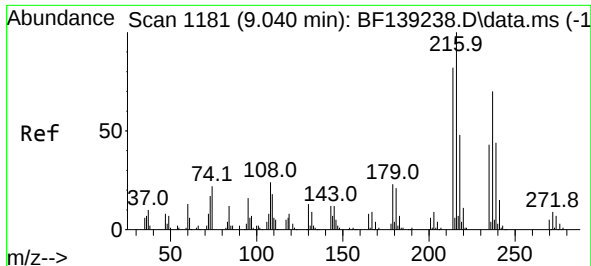
Tgt Ion:164 Resp: 376753
Ion Ratio Lower Upper
164 100
162 99.2 79.2 118.8
160 44.1 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.216 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:216 Resp: 98235
Ion Ratio Lower Upper
216 100
214 81.3 63.8 95.8
179 20.9 16.9 25.3
108 18.8 15.5 23.3

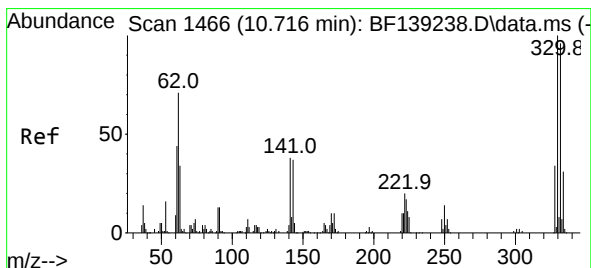
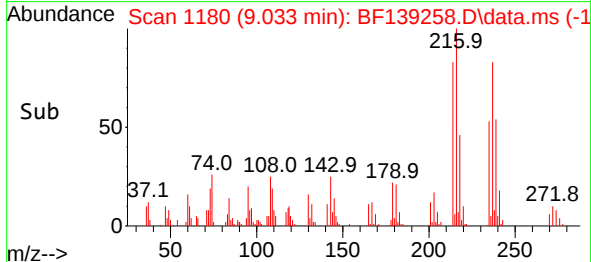
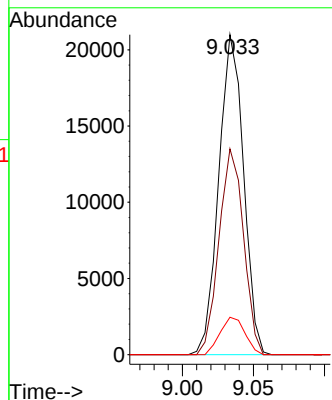
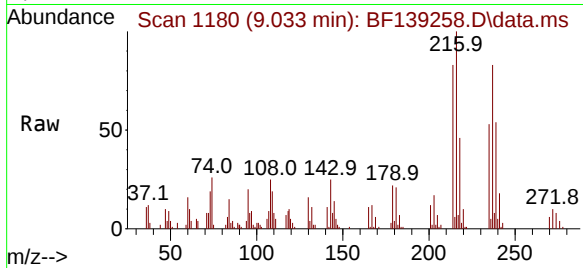




#41
Hexachlorocyclopentadiene
Concen: 7.435 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

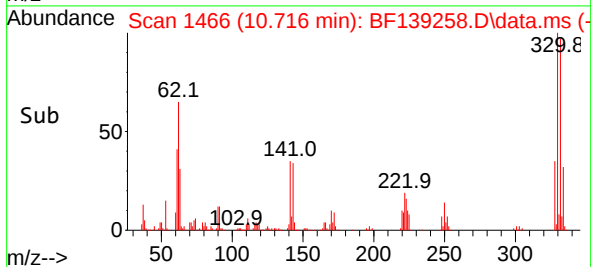
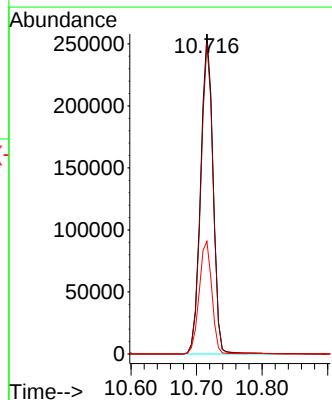
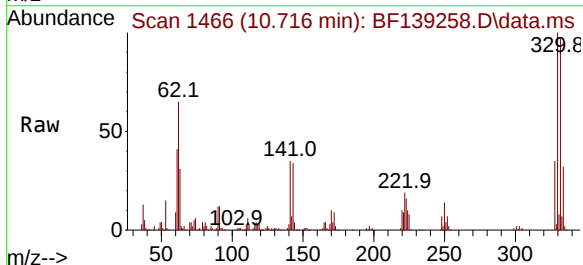
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:237	Resp:	25469
Ion Ratio	Lower	Upper
237	100	
235	64.3	41.4 81.4
272	11.7	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 103.930 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:330	Resp:	338117
Ion Ratio	Lower	Upper
330	100	
332	97.1	76.6 115.0
141	36.0	30.1 45.1

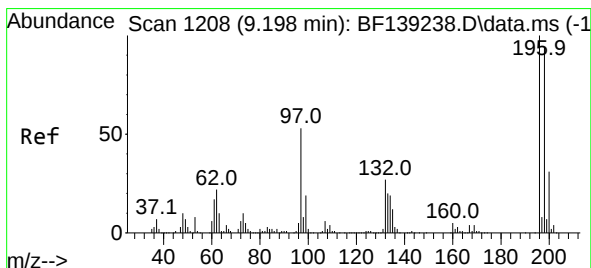
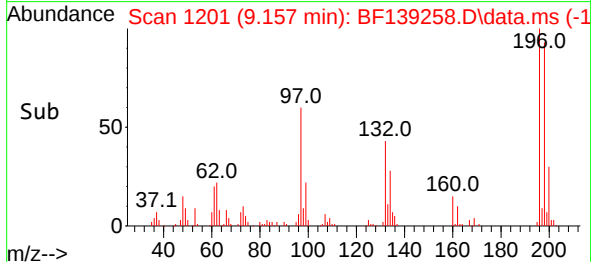
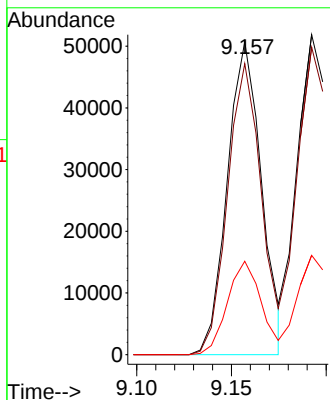
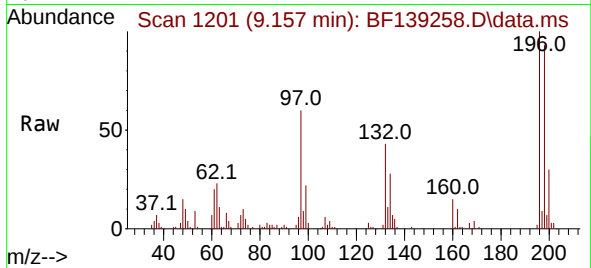




#43
2,4,6-Trichlorophenol
Concen: 9.132 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

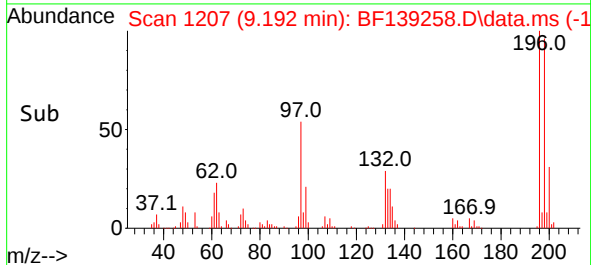
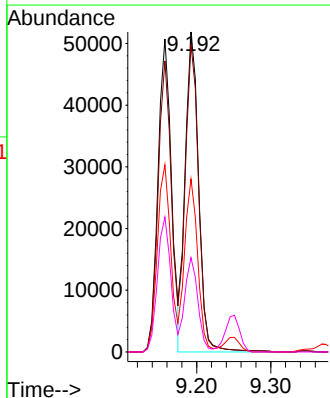
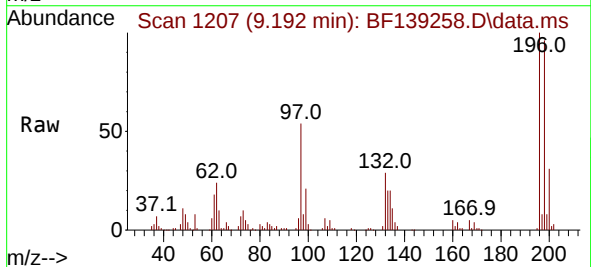
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

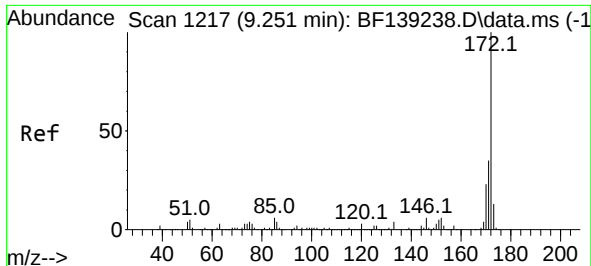
Tgt Ion:196 Resp: 63690
Ion Ratio Lower Upper
196 100
198 93.0 77.0 115.4
200 29.9 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 9.033 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:196 Resp: 66014
Ion Ratio Lower Upper
196 100
198 96.1 75.6 113.4
97 54.0 43.6 65.4
132 29.4 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 66.665 ng

RT: 9.251 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

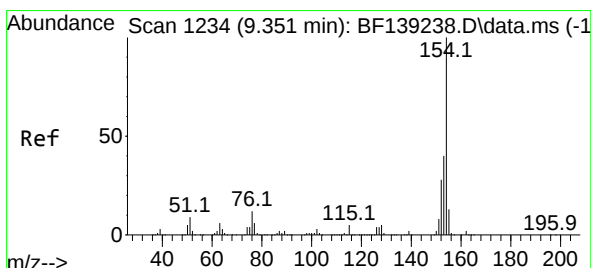
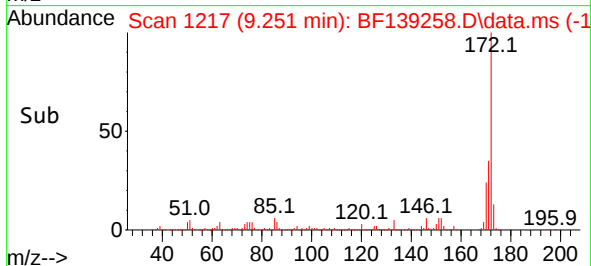
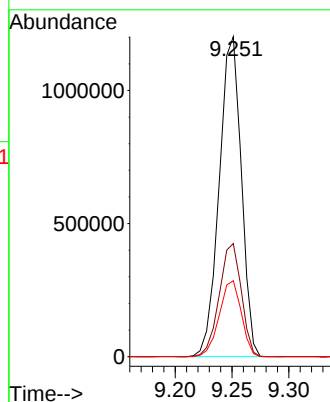
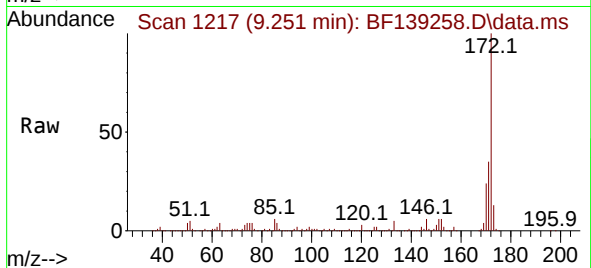
Tgt Ion:172 Resp: 1627079

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.7 18.7 28.1



#46

1,1'-Biphenyl

Concen: 9.232 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

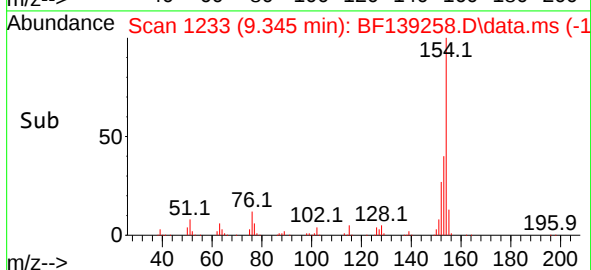
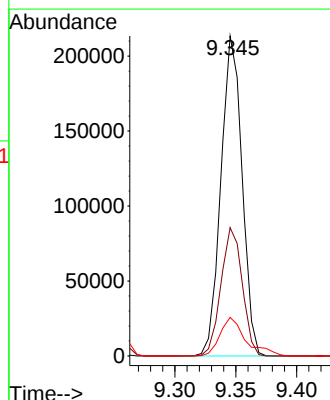
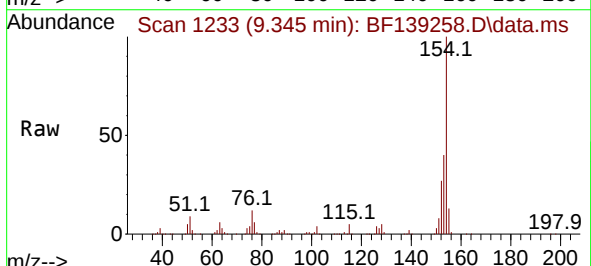
Tgt Ion:154 Resp: 257696

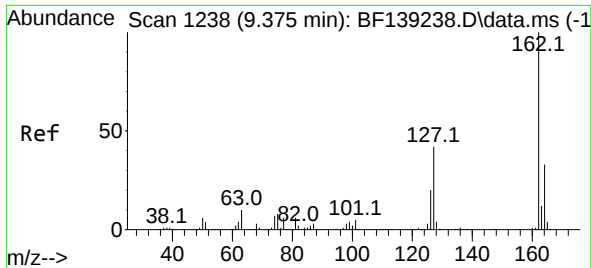
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 12.0 0.0 32.3





#47

2-Chloronaphthalene

Concen: 8.948 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

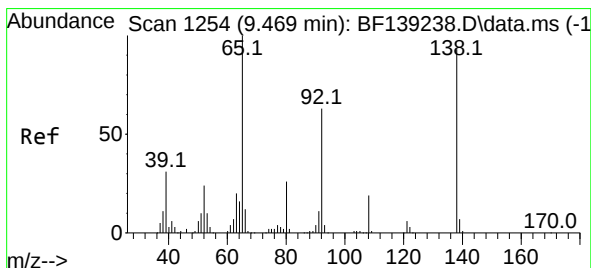
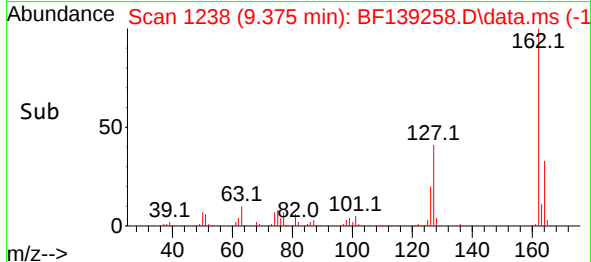
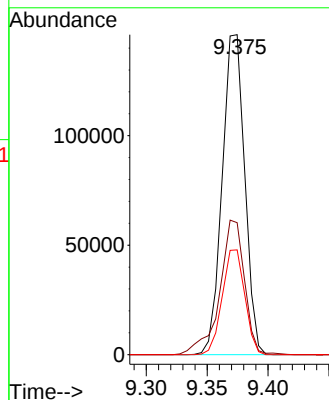
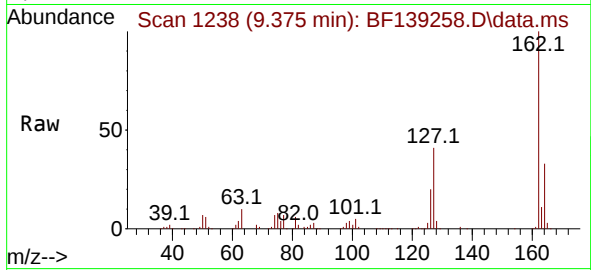
Tgt Ion:162 Resp: 188594

Ion Ratio Lower Upper

162 100

127 41.3 34.2 51.4

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 9.266 ng

RT: 9.463 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

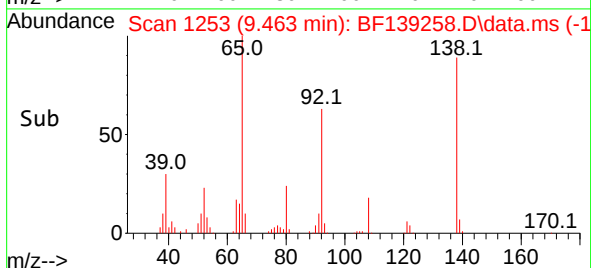
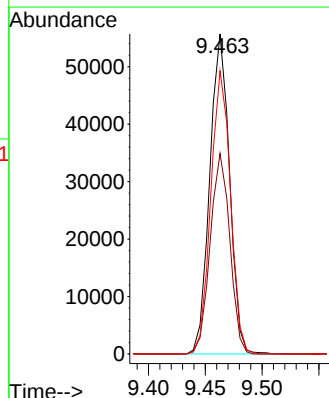
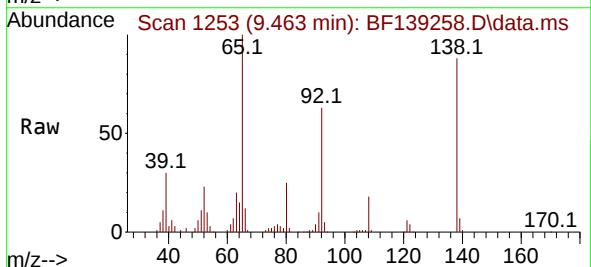
Tgt Ion: 65 Resp: 67272

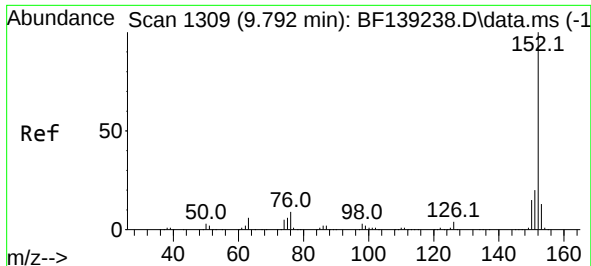
Ion Ratio Lower Upper

65 100

92 62.6 50.4 75.6

138 88.4 74.2 111.4





#49

Acenaphthylene

Concen: 9.900 ng

RT: 9.786 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

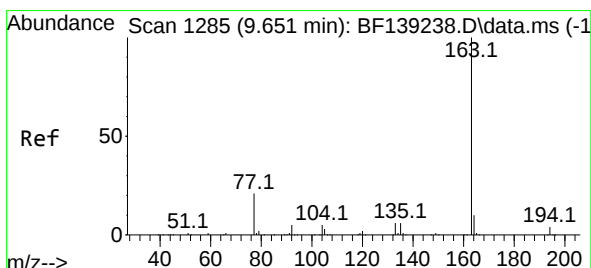
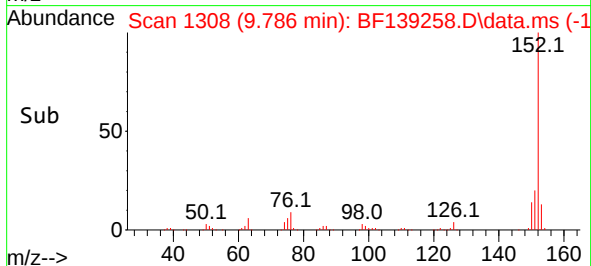
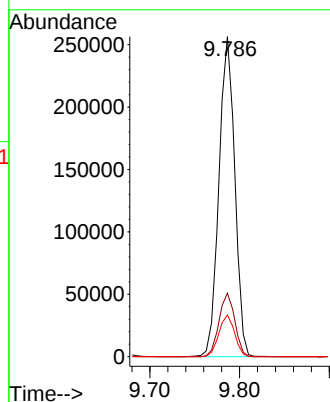
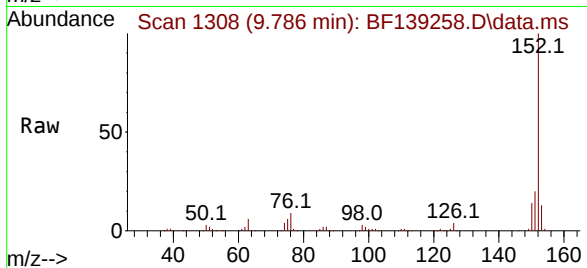
Tgt Ion:152 Resp: 314288

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 9.145 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

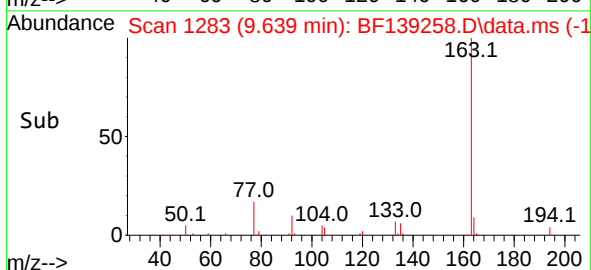
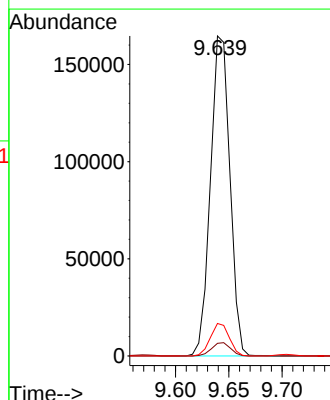
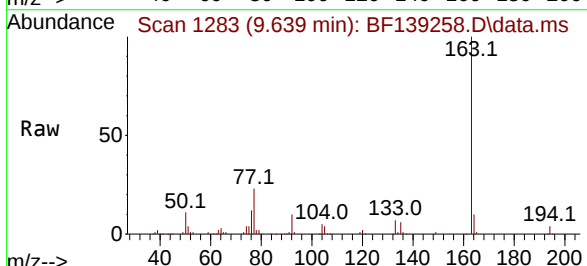
Tgt Ion:163 Resp: 208819

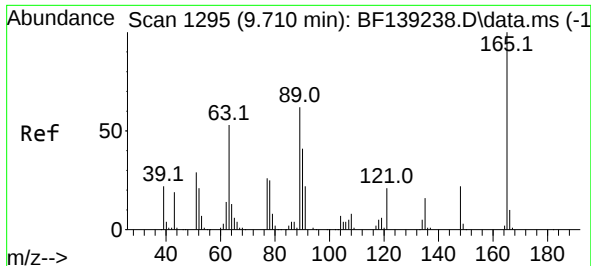
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 8.616 ng

RT: 9.704 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

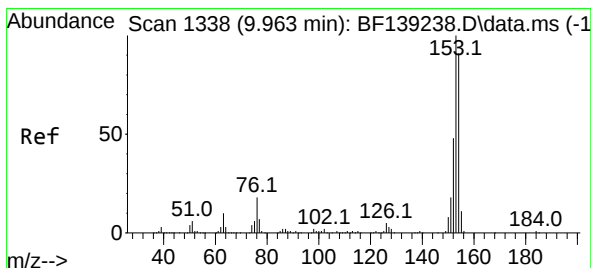
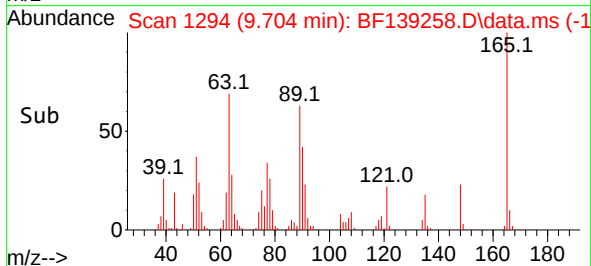
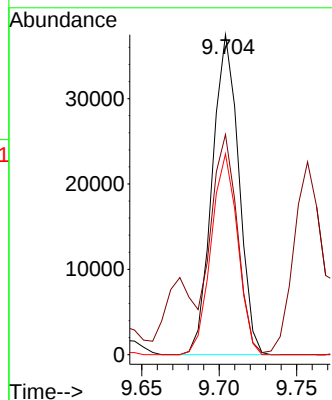
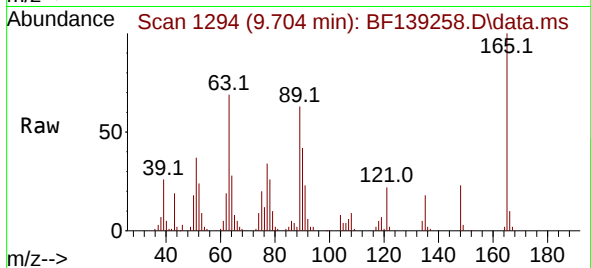
Tgt Ion:165 Resp: 44632

Ion Ratio Lower Upper

165 100

63 68.8 56.1 84.1

89 62.8 49.7 74.5



#52

Acenaphthene

Concen: 9.067 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

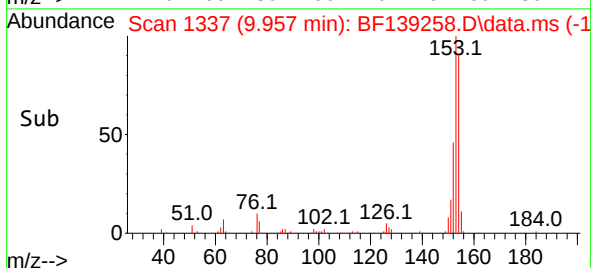
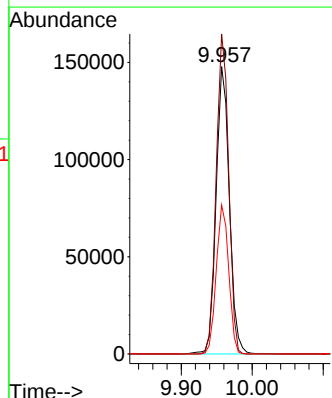
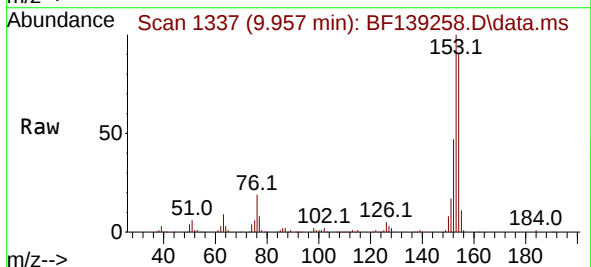
Tgt Ion:154 Resp: 190919

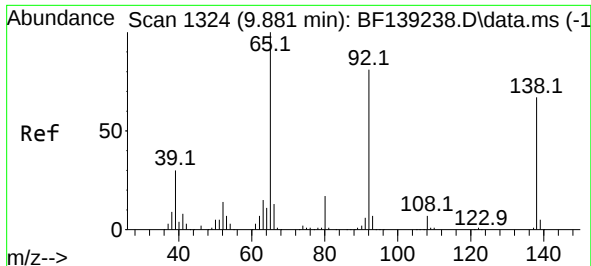
Ion Ratio Lower Upper

154 100

153 111.3 87.8 131.6

152 51.8 41.7 62.5

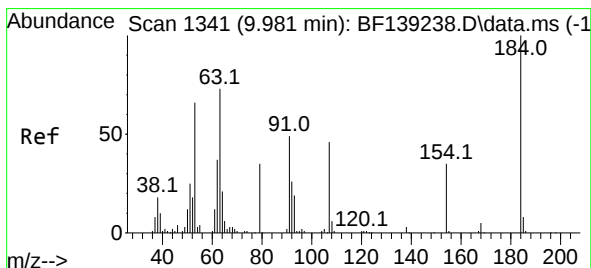
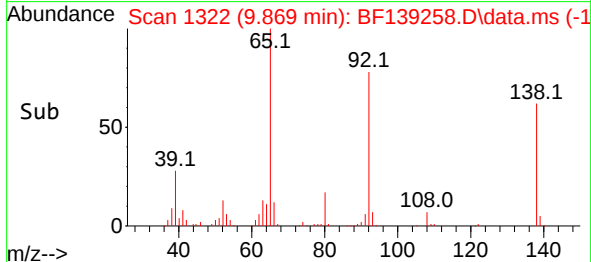
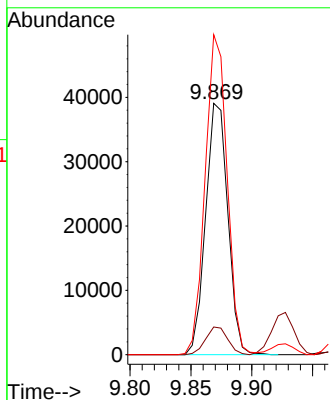
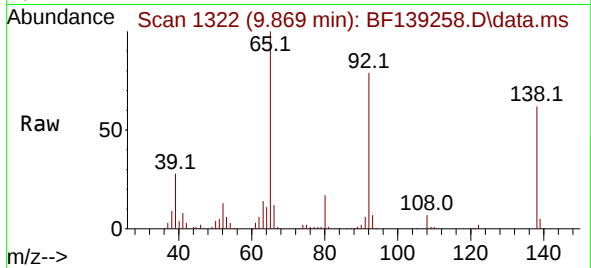




#53
3-Nitroaniline
Concen: 8.989 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

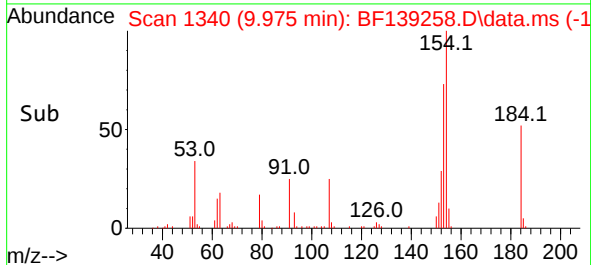
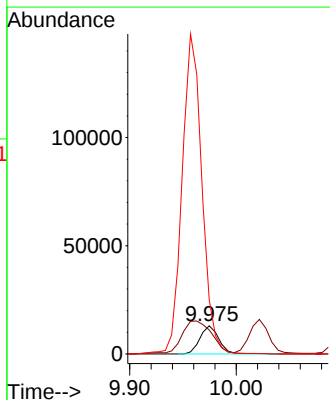
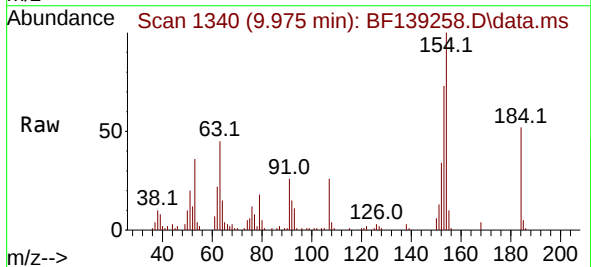
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

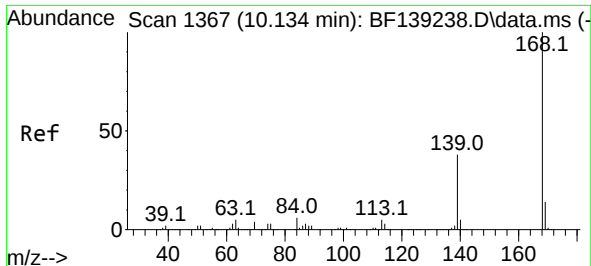
Tgt Ion:138 Resp: 49613
Ion Ratio Lower Upper
138 100
108 11.0 8.6 13.0
92 127.3 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 12.926 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:184 Resp: 16179
Ion Ratio Lower Upper
184 100
63 85.2 66.4 99.6
154 191.0 97.0 145.6#

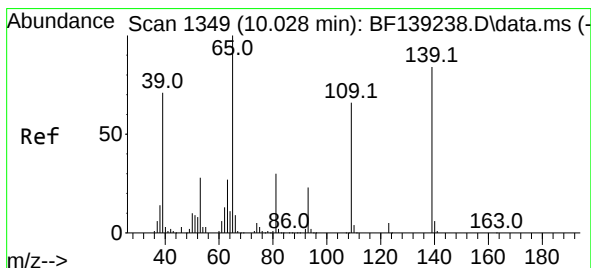
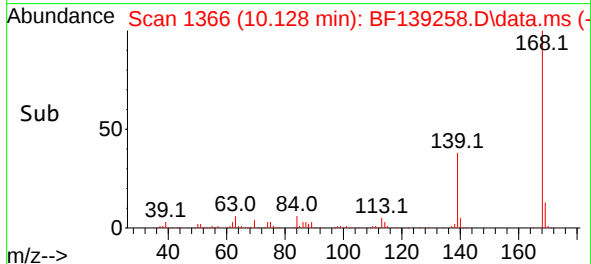
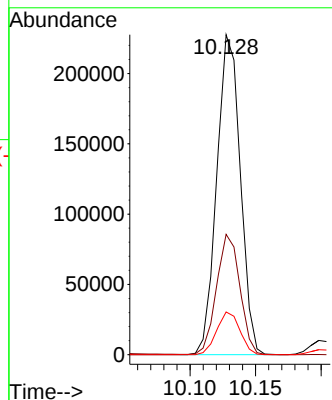
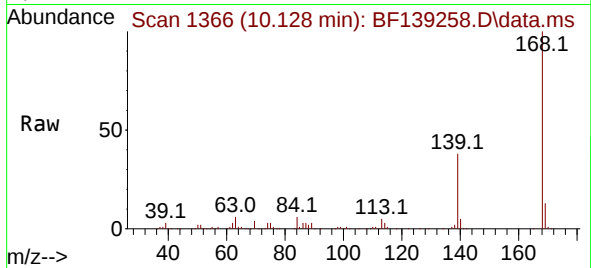




#55
Dibenzenofuran
Concen: 9.398 ng
RT: 10.128 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

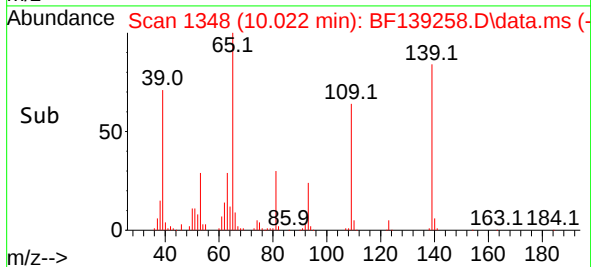
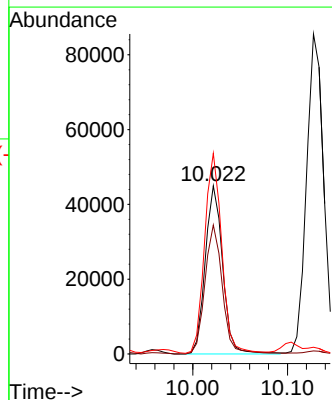
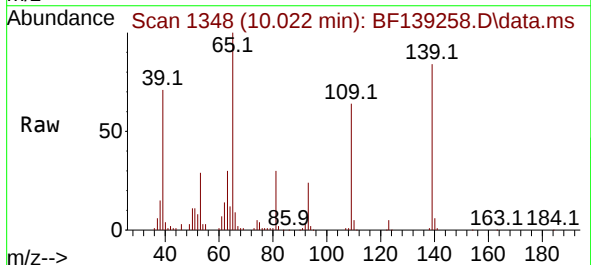
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

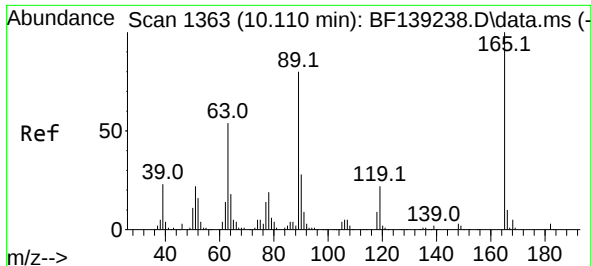
Tgt Ion:168 Resp: 283717
Ion Ratio Lower Upper
168 100
139 37.6 30.2 45.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 14.076 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:139 Resp: 57341
Ion Ratio Lower Upper
139 100
109 76.7 58.7 98.7
65 119.3 100.3 140.3

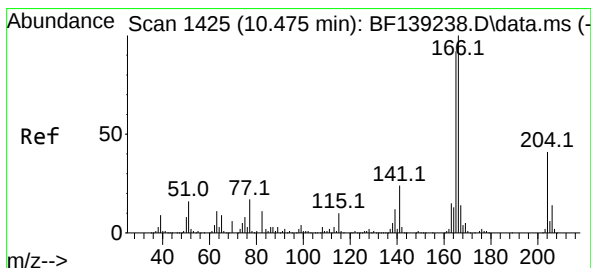
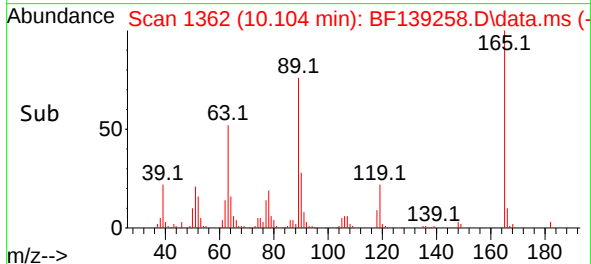
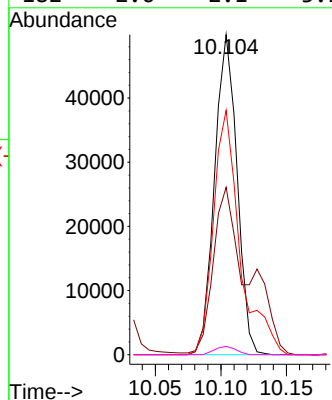
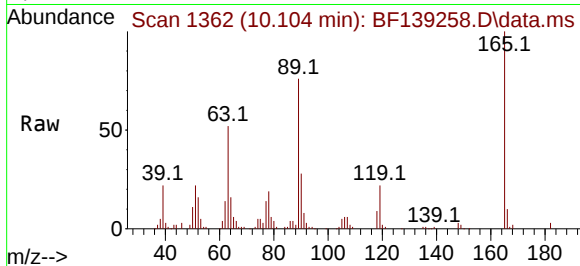




#57
2,4-Dinitrotoluene
Concen: 9.004 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

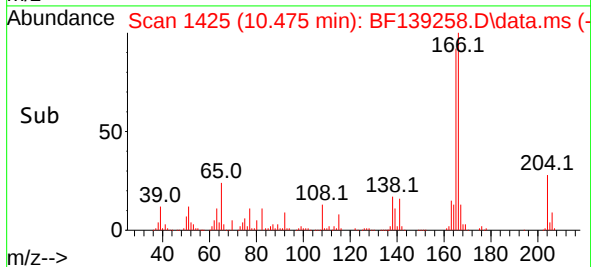
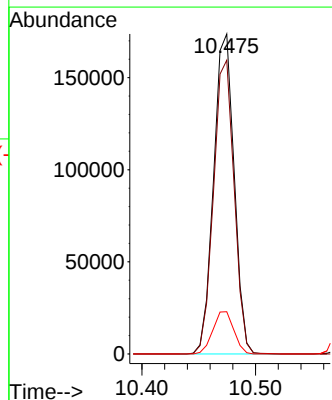
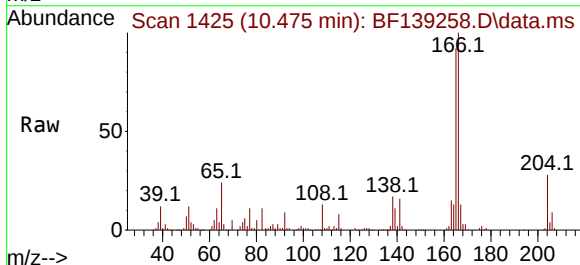
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:	165	Resp:	59366
Ion Ratio	Lower	Upper	
165	100		
63	52.3	43.4	65.0
89	76.4	64.2	96.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 9.320 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:	166	Resp:	218139
Ion Ratio	Lower	Upper	
166	100		
165	91.8	73.7	110.5
167	13.2	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.478 ng

RT: 10.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:232 Resp: 54526

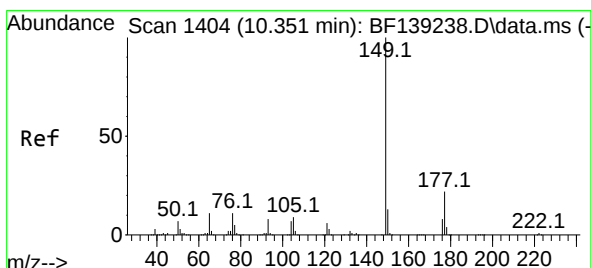
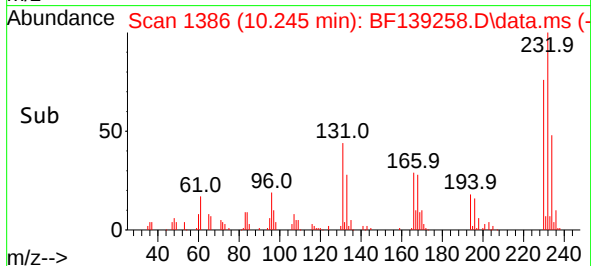
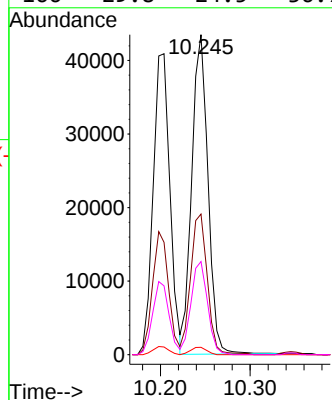
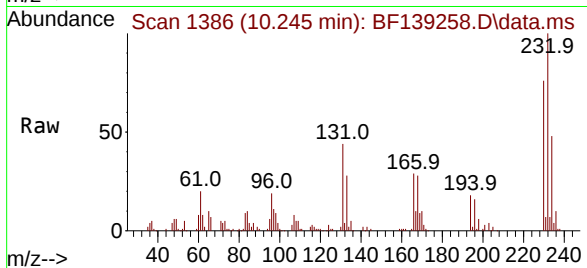
Ion Ratio Lower Upper

232 100

131 45.5 37.7 56.5

130 2.3 1.9 2.9

166 29.8 24.5 36.7



#60

Diethylphthalate

Concen: 9.052 ng

RT: 10.345 min Scan# 1403

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

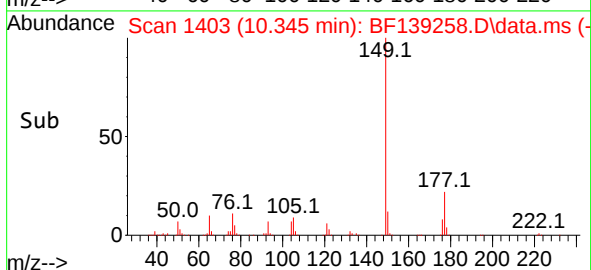
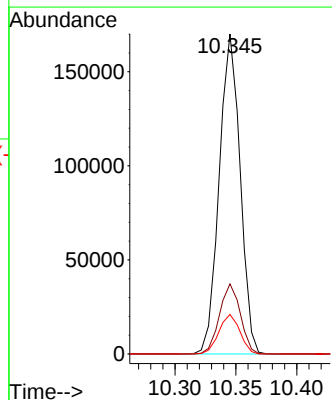
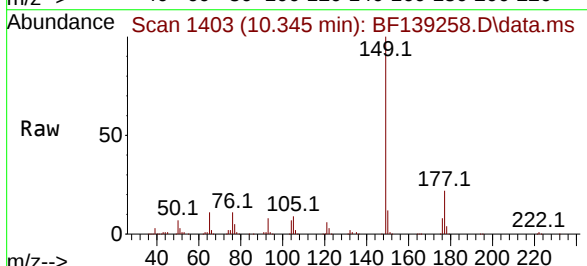
Tgt Ion:149 Resp: 203427

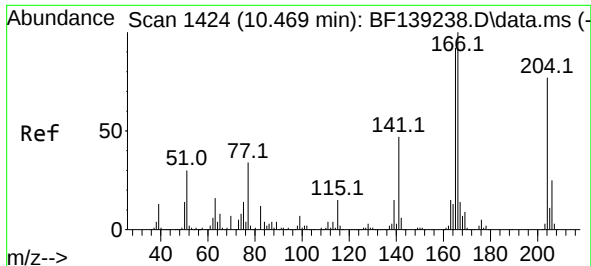
Ion Ratio Lower Upper

149 100

177 21.9 17.7 26.5

150 12.3 10.2 15.2

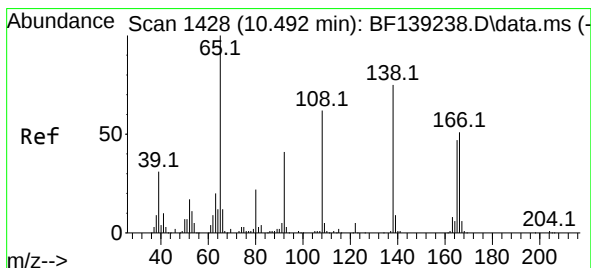
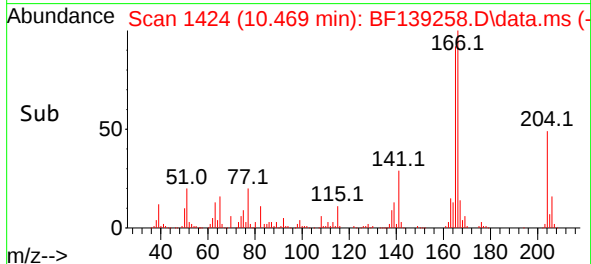
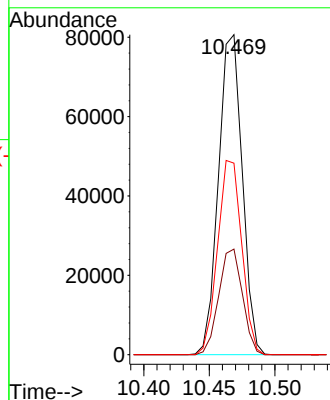
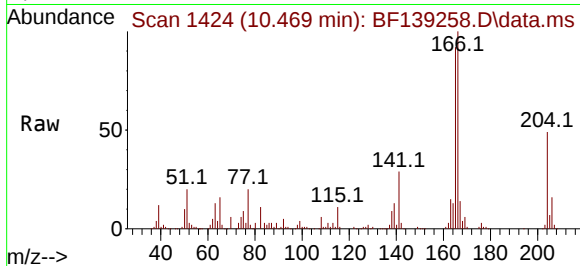




#61
4-Chlorophenyl-phenylether
Concen: 9.013 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

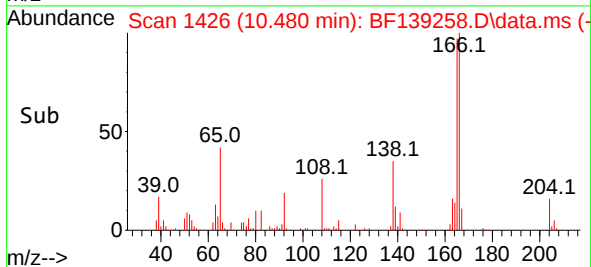
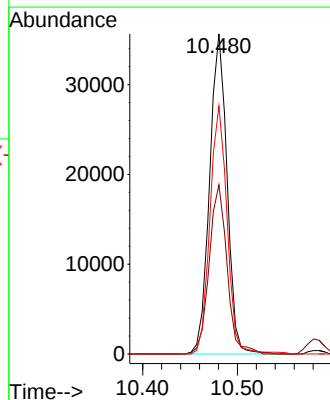
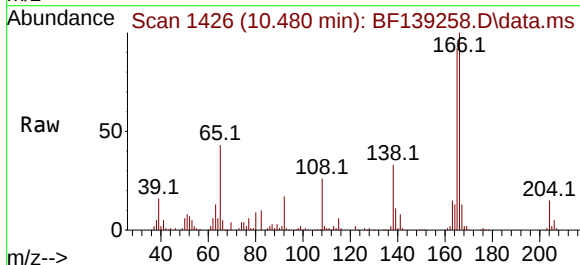
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:204 Resp: 101734
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 59.8 48.6 72.8



#62
4-Nitroaniline
Concen: 8.652 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:138 Resp: 45454
Ion Ratio Lower Upper
138 100
92 52.9 34.4 74.4
108 77.5 62.7 102.7





#63

Azobenzene

Concen: 9.162 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 77 Resp: 217001

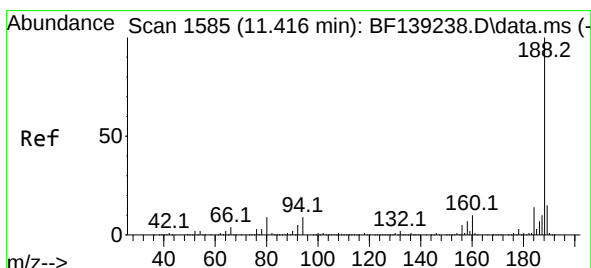
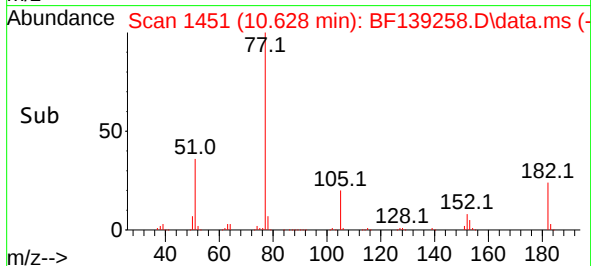
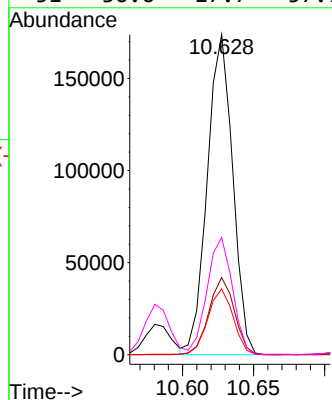
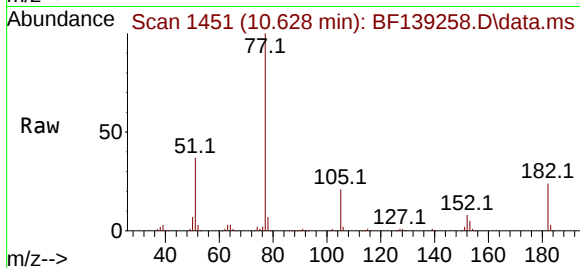
Ion Ratio Lower Upper

77 100

182 24.1 3.0 43.0

105 20.6 0.0 39.4

51 36.6 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

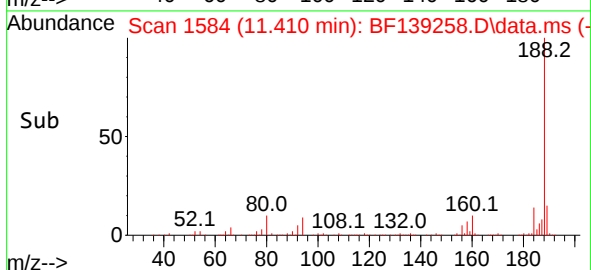
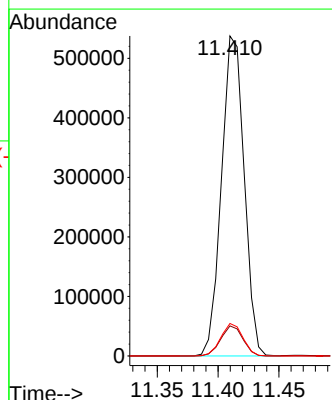
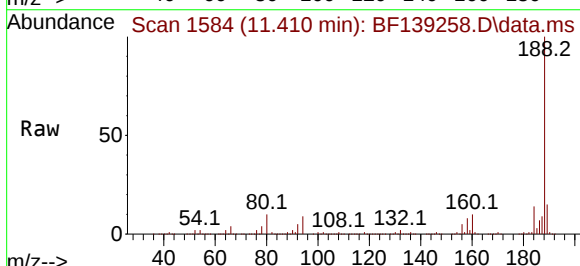
Tgt Ion:188 Resp: 697552

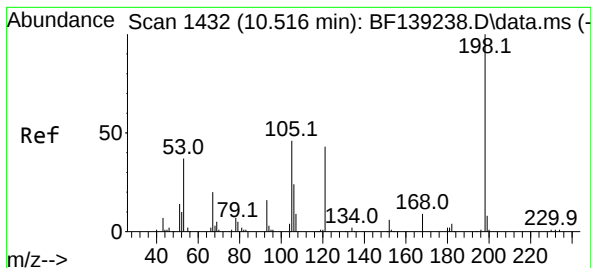
Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 10.1 7.3 10.9

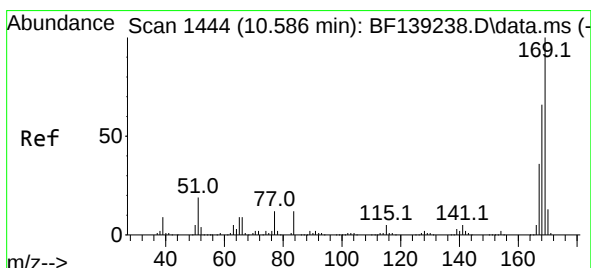
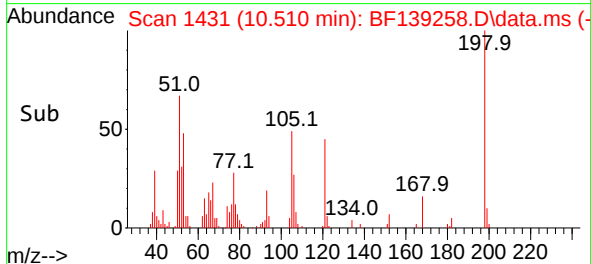
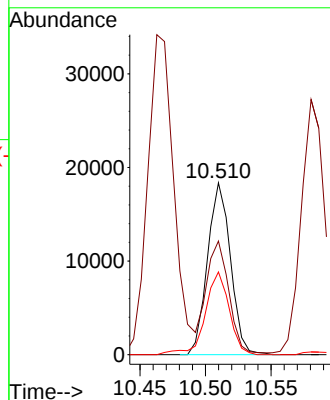
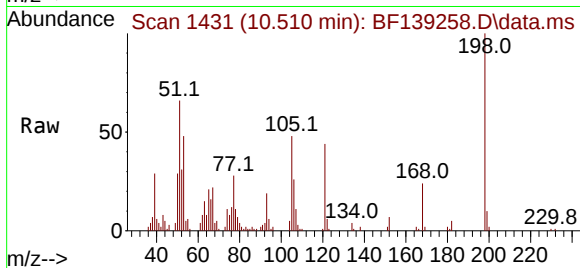




#65
4,6-Dinitro-2-methylphenol
Concen: 6.942 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

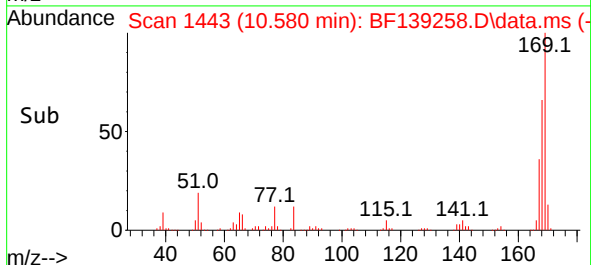
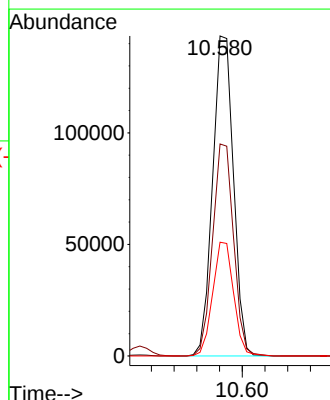
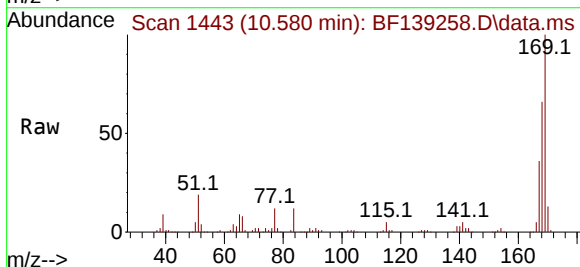
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

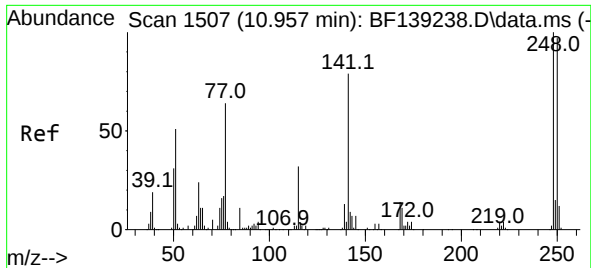
Tgt Ion:198 Resp: 22376
Ion Ratio Lower Upper
198 100
51 66.1 47.2 87.2
105 48.1 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 8.995 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:169 Resp: 182641
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 35.5 29.0 43.6

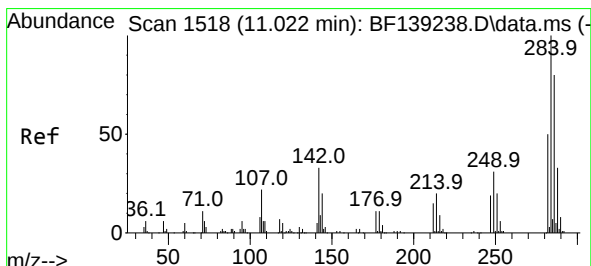
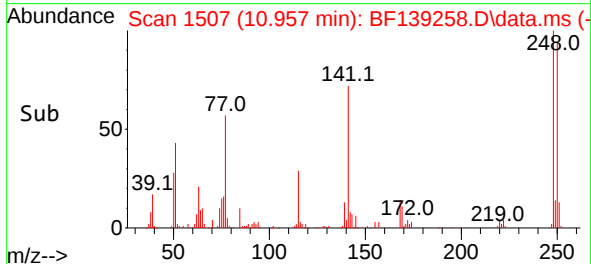
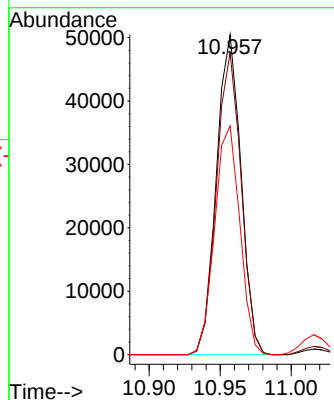
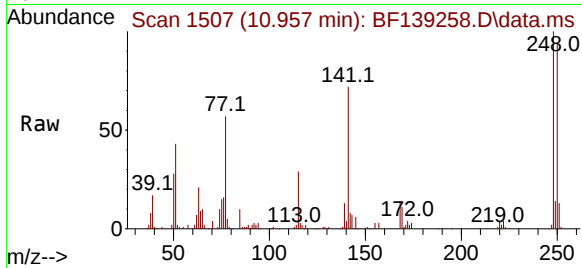




#67
4-Bromophenyl-phenylether
Concen: 8.968 ng
RT: 10.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

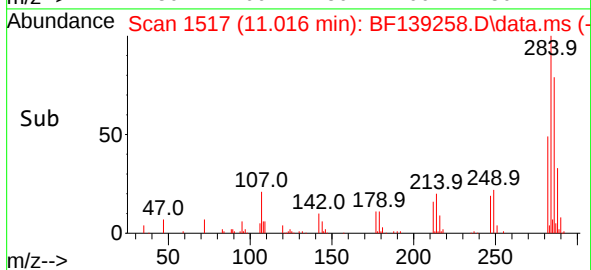
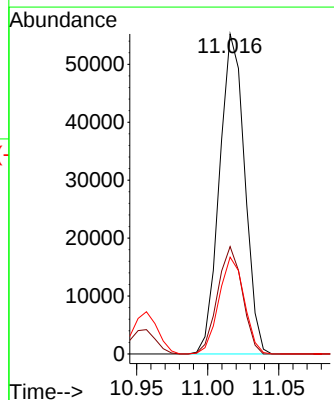
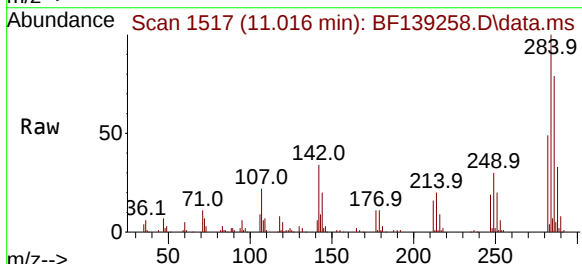
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

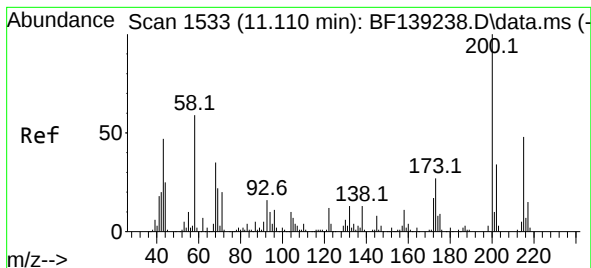
Tgt Ion:248 Resp: 60694
Ion Ratio Lower Upper
248 100
250 94.4 77.2 115.8
141 71.5 63.6 95.4



#68
Hexachlorobenzene
Concen: 8.788 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:284 Resp: 68090
Ion Ratio Lower Upper
284 100
142 33.5 26.5 39.7
249 30.3 24.8 37.2





#69

Atrazine

Concen: 11.686 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

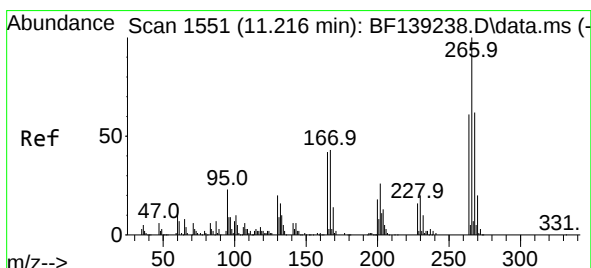
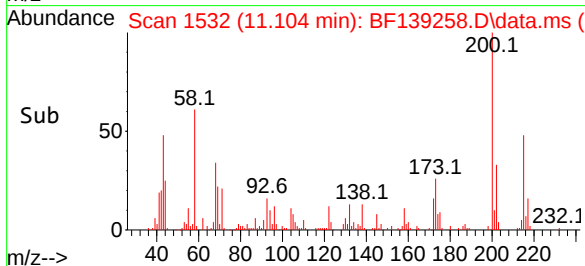
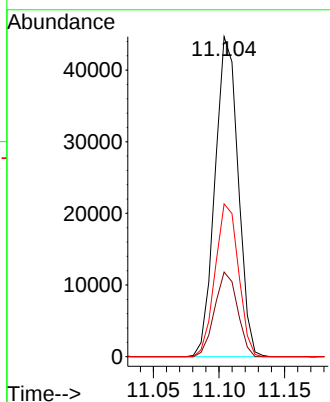
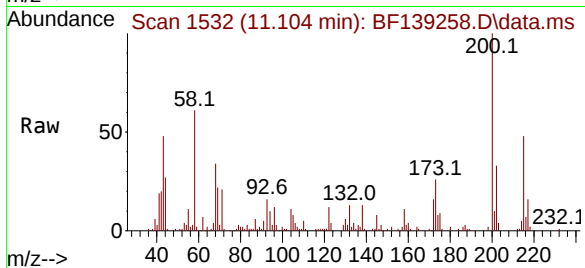
Tgt Ion:200 Resp: 54746

Ion Ratio Lower Upper

200 100

173 26.5 7.1 47.1

215 47.8 28.5 68.5



#70

Pentachlorophenol

Concen: 12.770 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

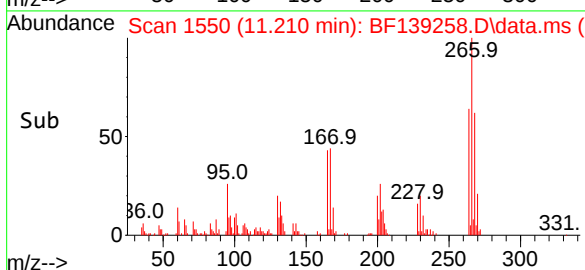
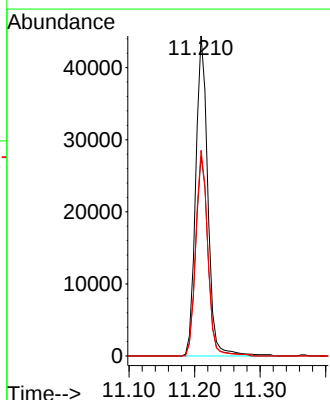
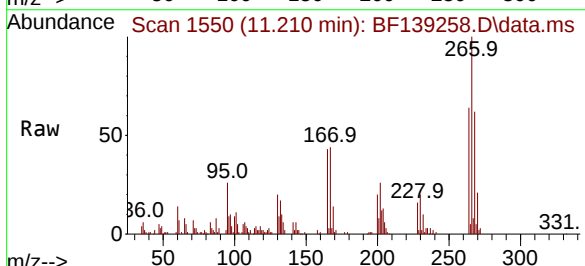
Tgt Ion:266 Resp: 57151

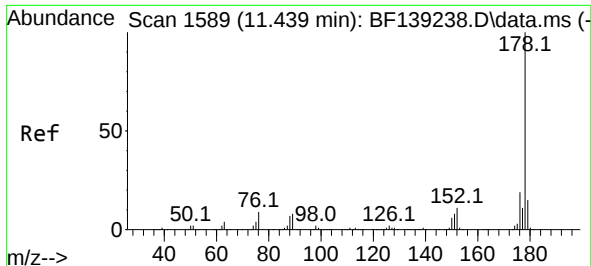
Ion Ratio Lower Upper

266 100

268 62.4 49.7 74.5

264 64.3 49.2 73.8

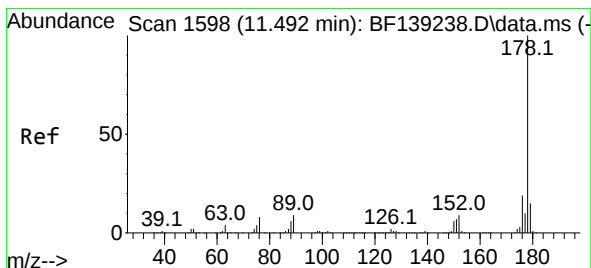
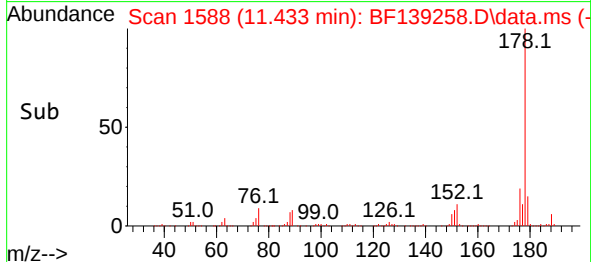
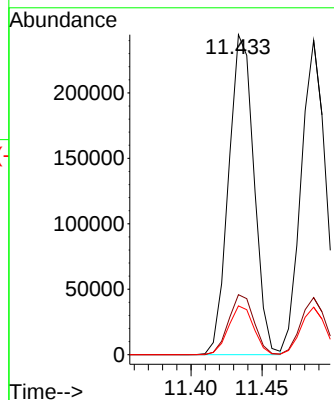
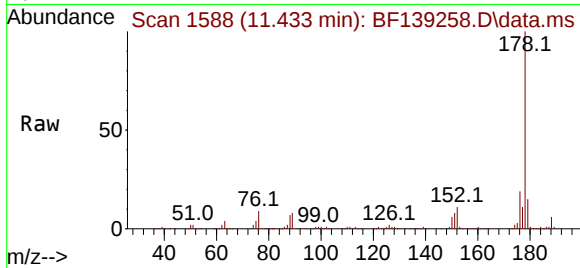




#71
Phenanthrene
Concen: 9.303 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

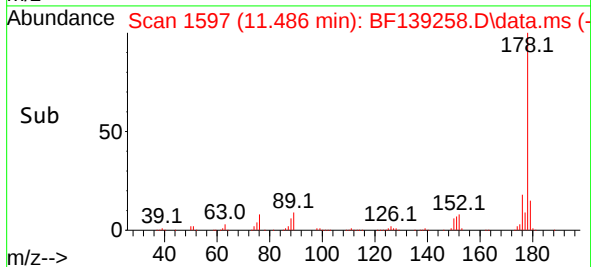
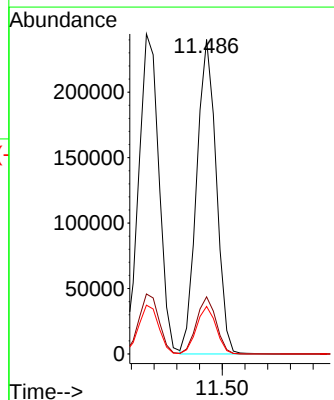
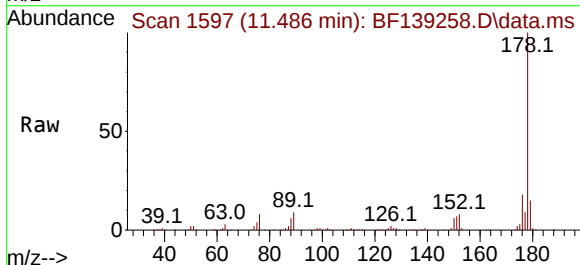
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

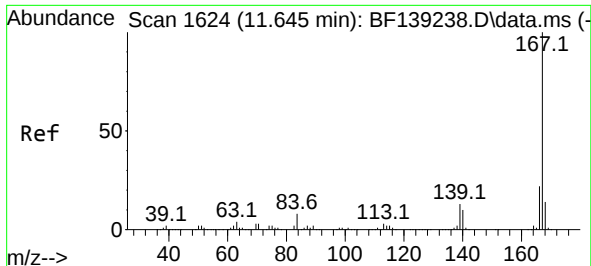
Tgt Ion:178 Resp: 303138
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.3 12.3 18.5



#72
Anthracene
Concen: 9.033 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:178 Resp: 287544
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.1 12.3 18.5



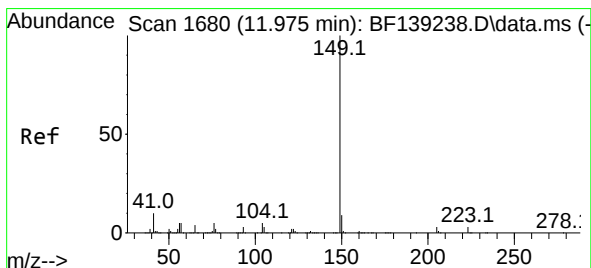
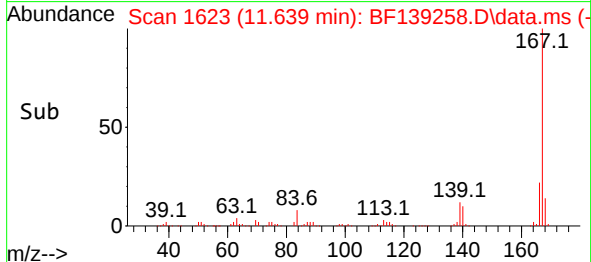
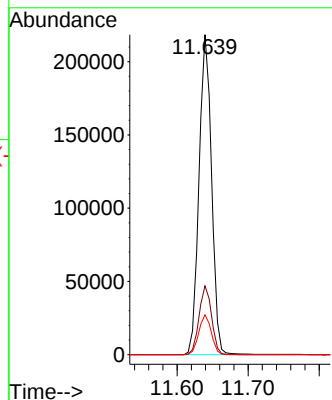
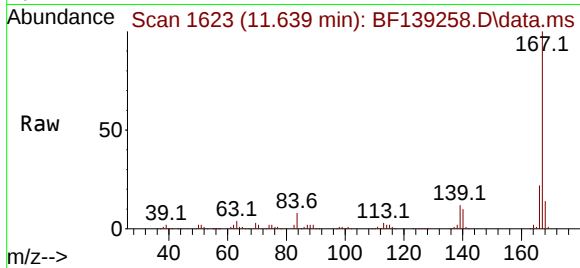


#73
 Carbazole
 Concen: 9.044 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.006 min
 Lab File: BF139258.D
 Acq: 05 Sep 2024 13:59

Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:167 Resp: 269063

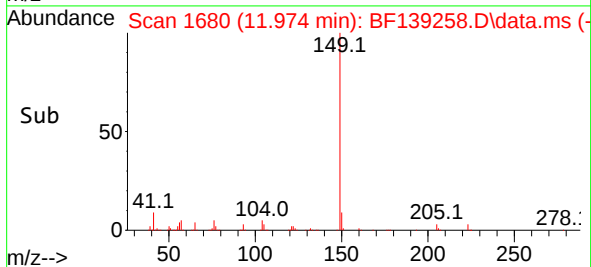
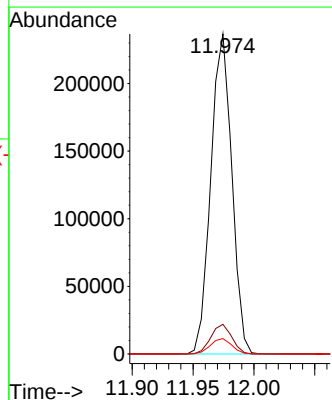
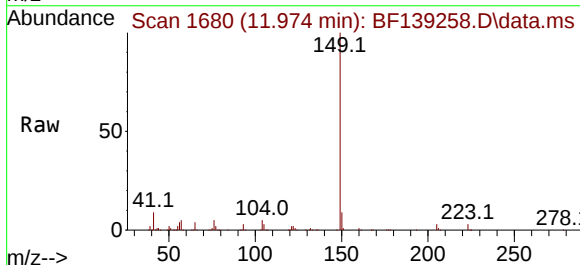
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.4	10.2	15.4

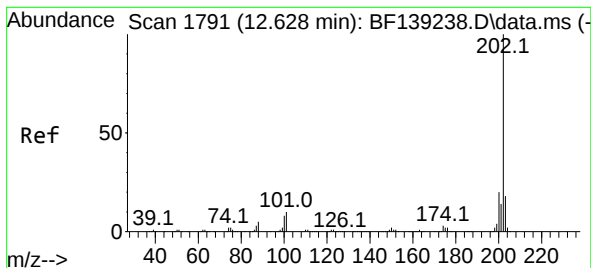


#74
 Di-n-butylphthalate
 Concen: 9.320 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BF139258.D
 Acq: 05 Sep 2024 13:59

Tgt Ion:149 Resp: 283929

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.8	3.9	5.9





#75

Fluoranthene

Concen: 9.116 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

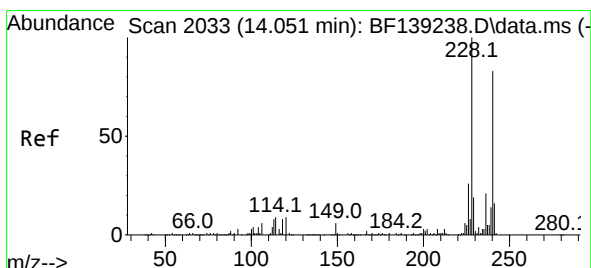
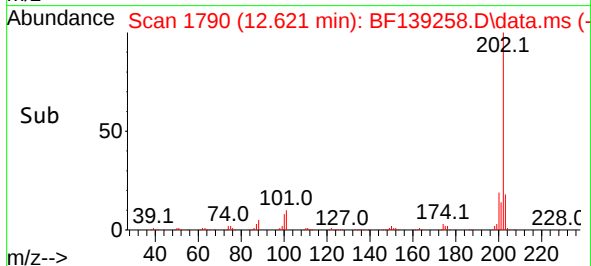
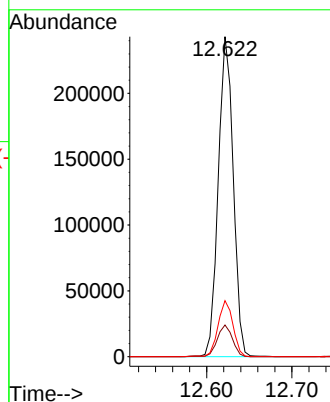
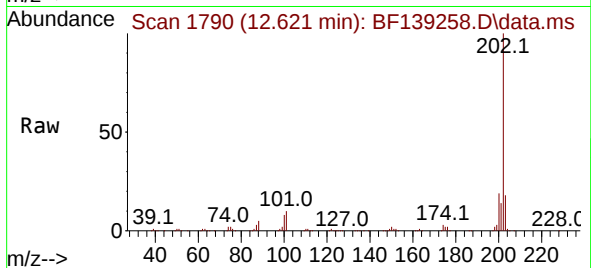
Tgt Ion:202 Resp: 297817

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.9

203 17.5 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

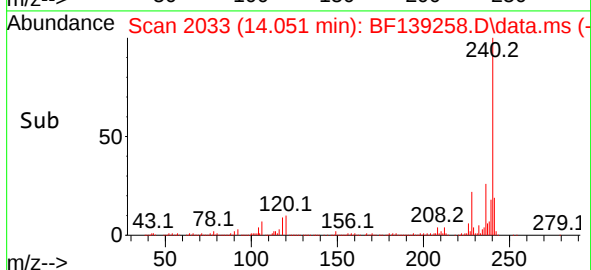
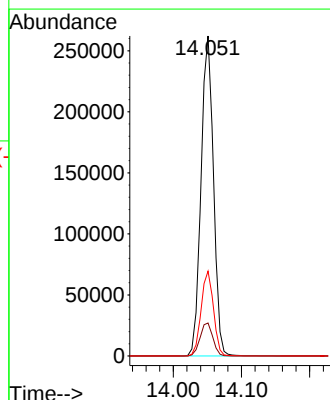
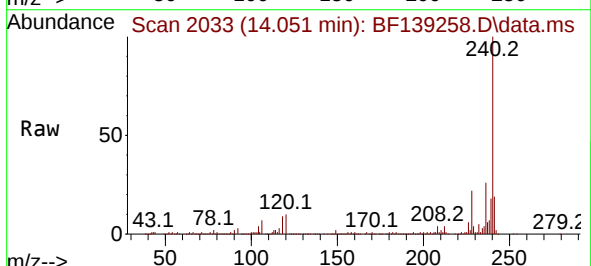
Tgt Ion:240 Resp: 332513

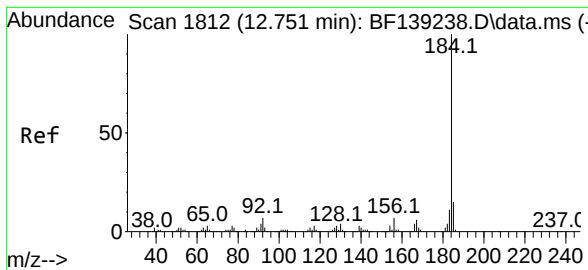
Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 26.5 20.7 31.1





#77

Benzidine

Concen: 7.147 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

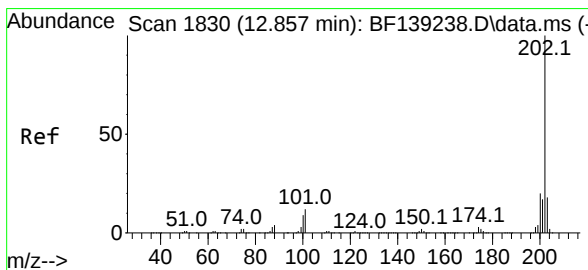
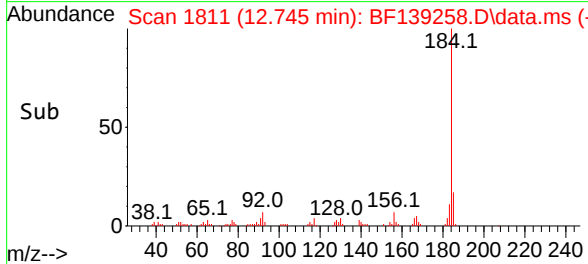
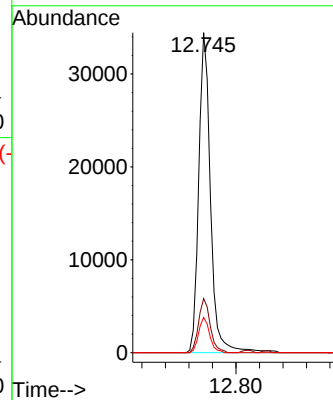
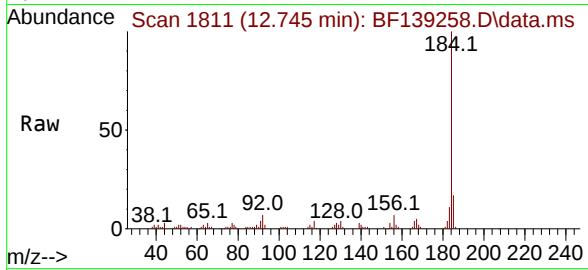
Tgt Ion:184 Resp: 47852

Ion Ratio Lower Upper

184 100

185 16.9 11.9 17.9

183 11.1 8.8 13.2



#78

Pyrene

Concen: 9.311 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

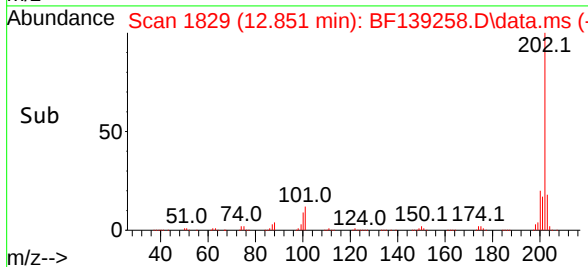
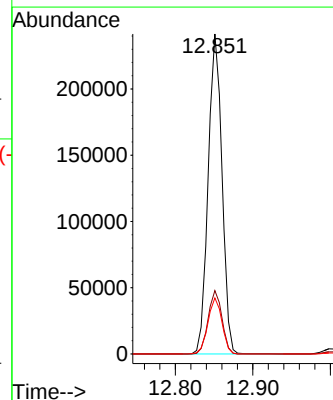
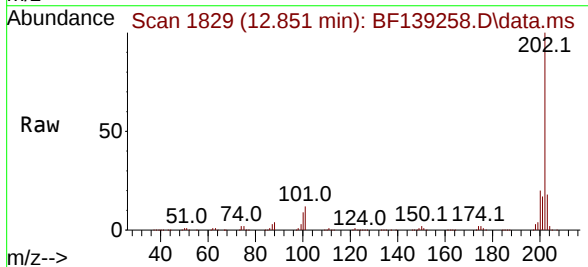
Tgt Ion:202 Resp: 299064

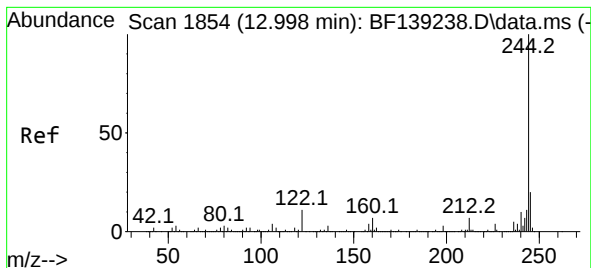
Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.8

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 70.116 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139258.D

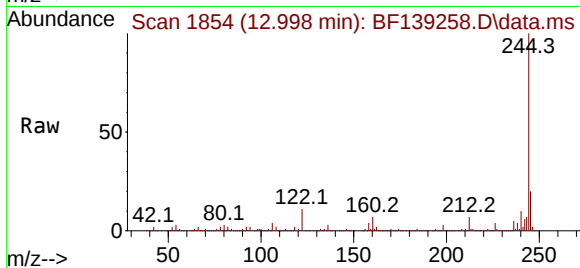
Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024



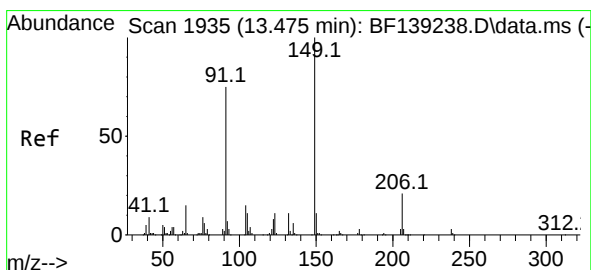
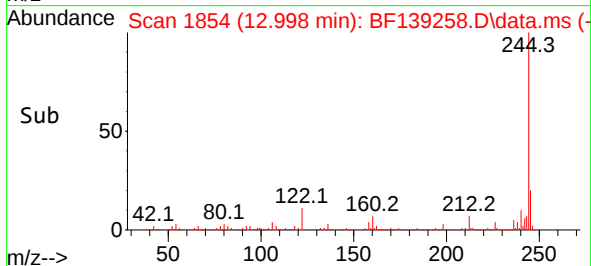
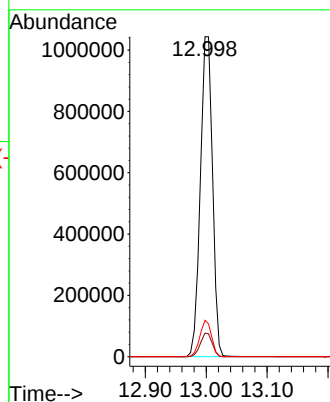
Tgt Ion:244 Resp: 1443996

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.3 8.7 13.1



#80

Butylbenzylphthalate

Concen: 9.530 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

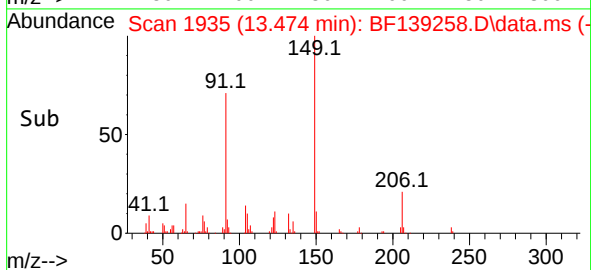
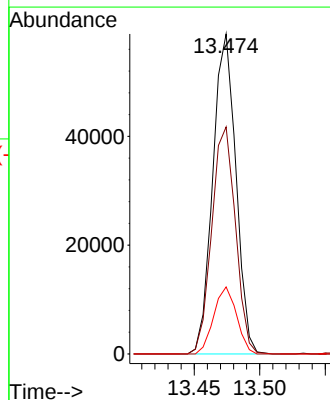
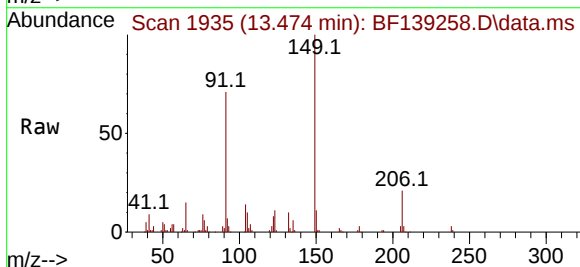
Tgt Ion:149 Resp: 72065

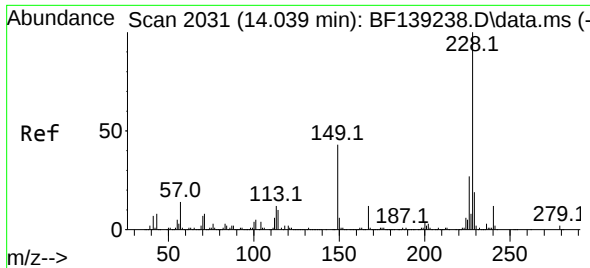
Ion Ratio Lower Upper

149 100

91 71.0 60.3 90.5

206 21.0 16.7 25.1

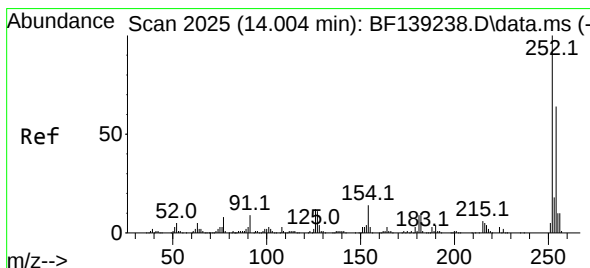
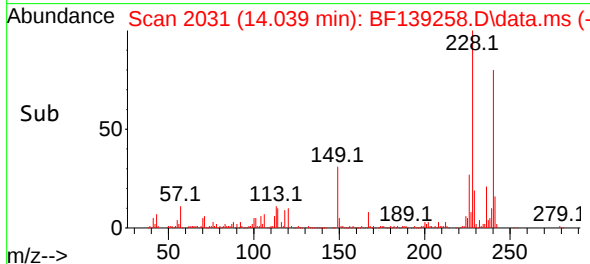
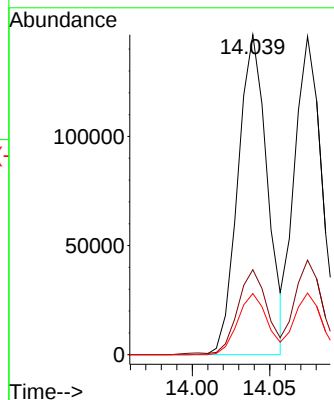
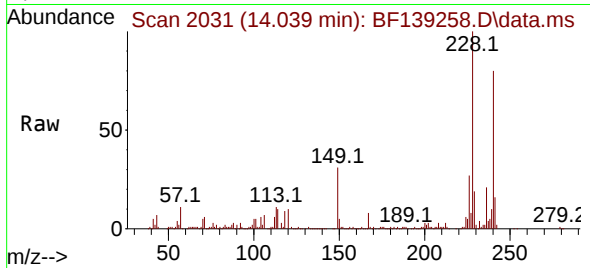




#81
Benzo(a)anthracene
Concen: 9.103 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

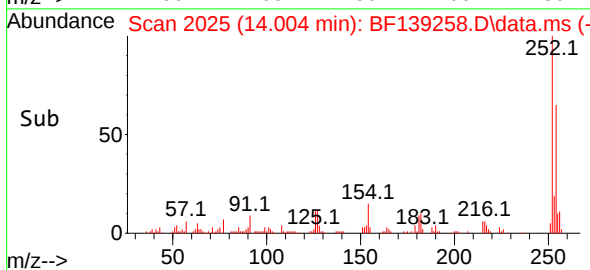
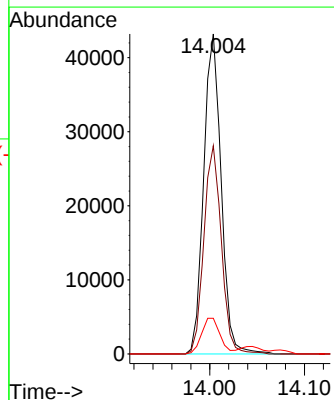
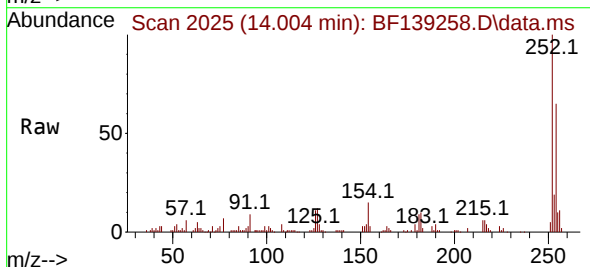
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2024

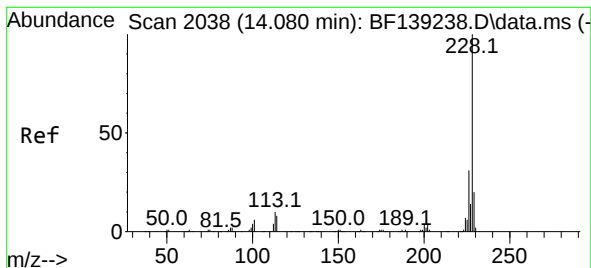
Tgt Ion:228 Resp: 193276
Ion Ratio Lower Upper
228 100
226 26.5 21.5 32.3
229 19.1 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 9.805 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:252 Resp: 55287
Ion Ratio Lower Upper
252 100
254 65.1 51.5 77.3
126 11.2 9.2 13.8





#83

Chrysene

Concen: 9.019 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

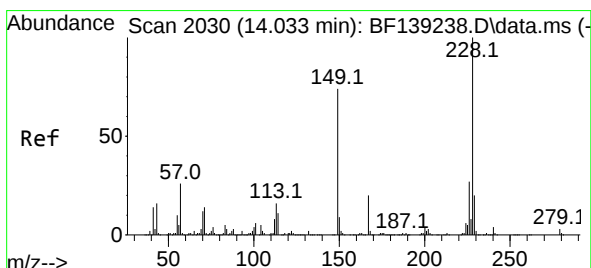
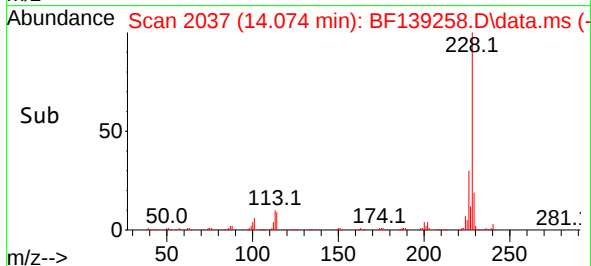
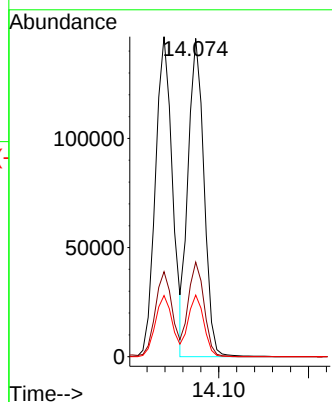
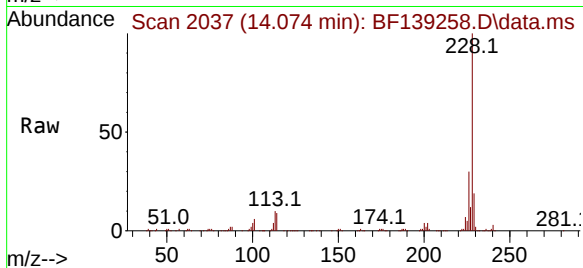
Tgt Ion:228 Resp: 178716

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.659 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

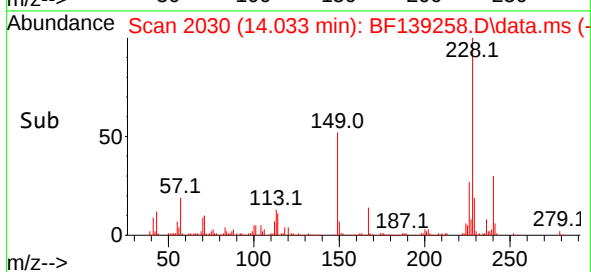
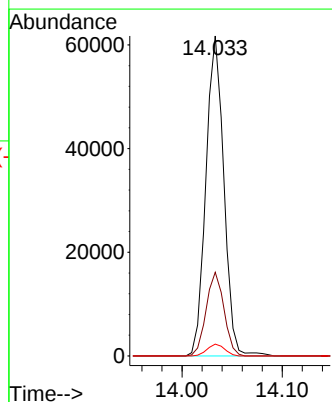
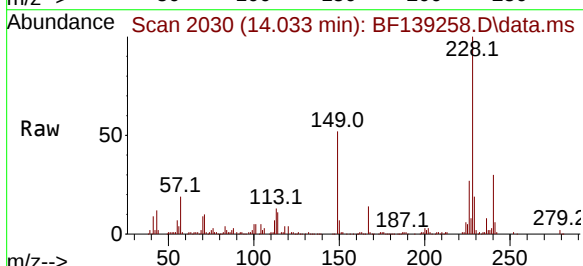
Tgt Ion:149 Resp: 76848

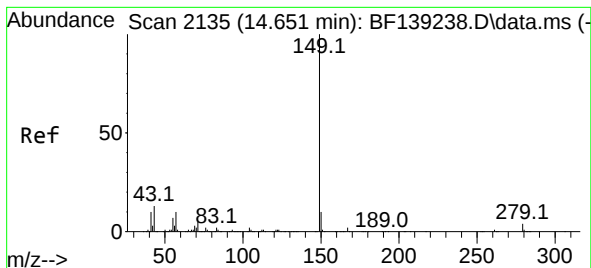
Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.6

279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 7.421 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

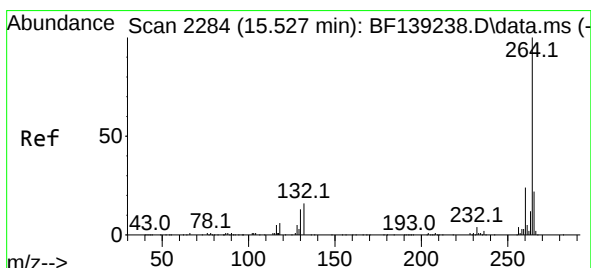
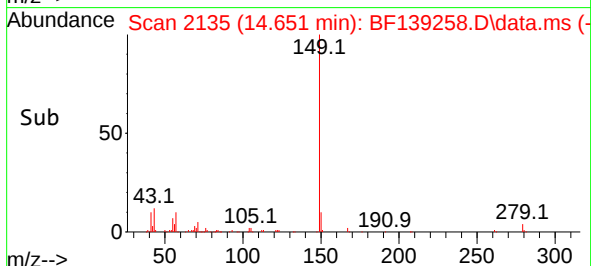
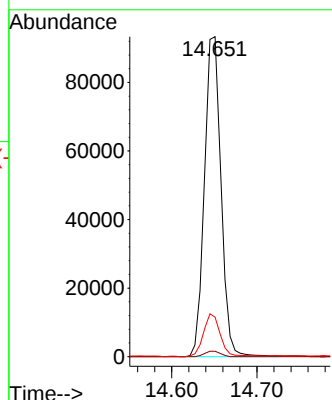
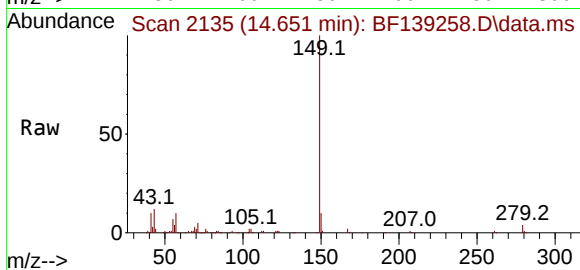
Tgt Ion:149 Resp: 126091

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.8 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

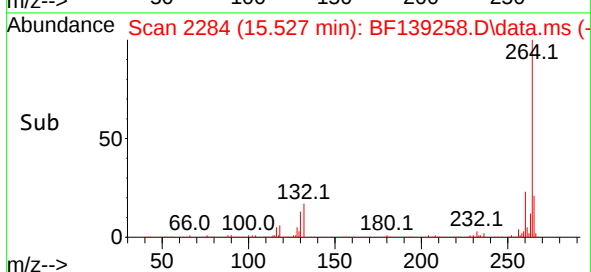
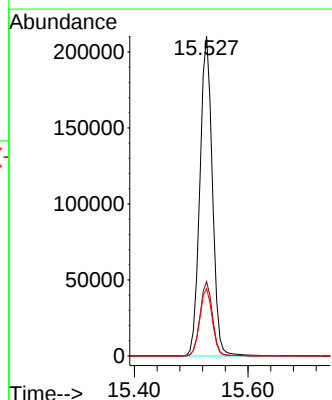
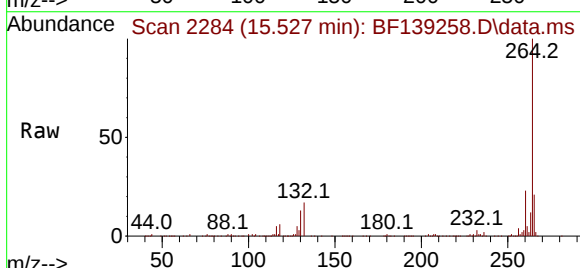
Tgt Ion:264 Resp: 321910

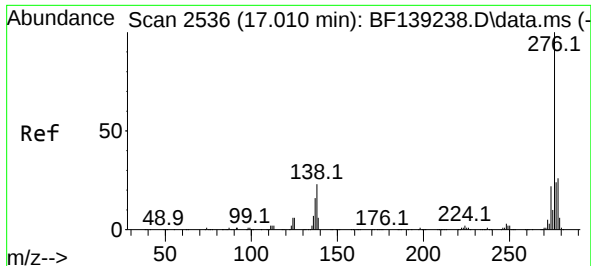
Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.1 17.3 25.9

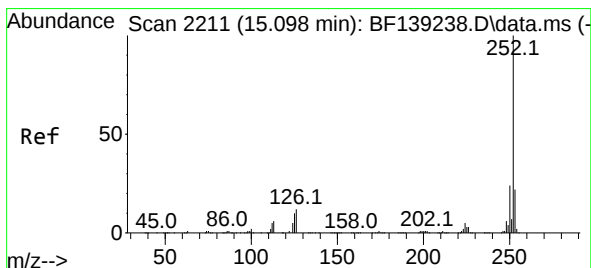
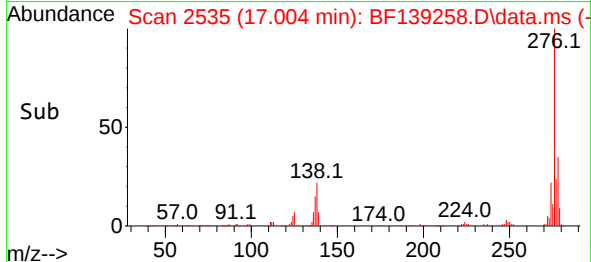
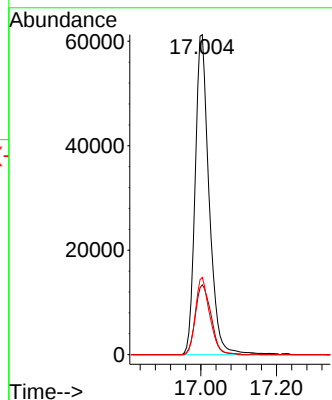
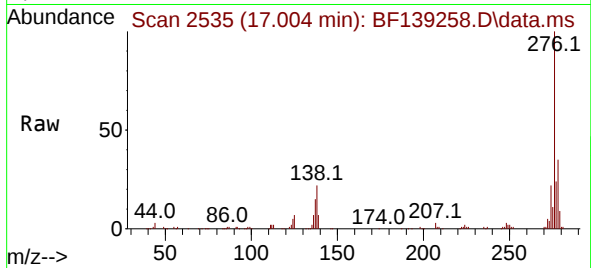




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.829 ng
RT: 17.004 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

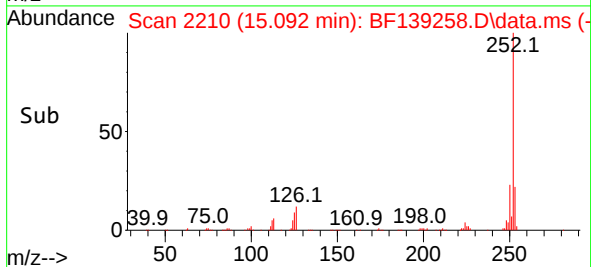
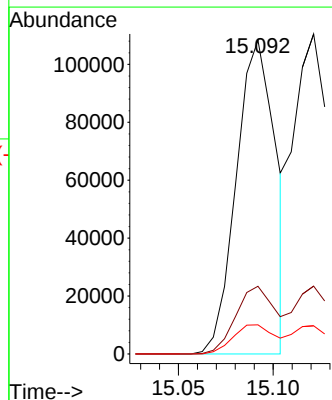
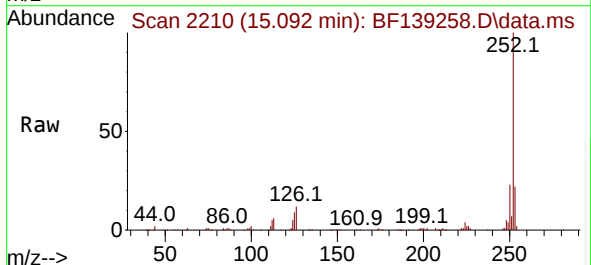
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

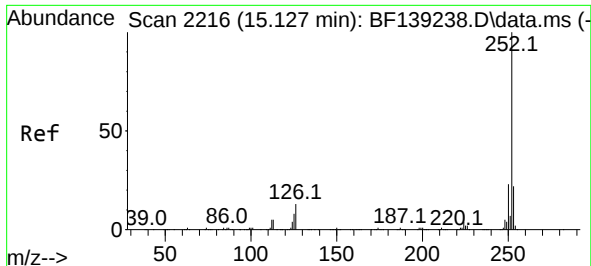
Tgt Ion:276 Resp: 157449
Ion Ratio Lower Upper
276 100
138 24.5 20.4 30.6
277 24.6 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 8.421 ng
RT: 15.092 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:252 Resp: 156123
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 9.3 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 9.424 ng

RT: 15.121 min Scan# 2216

Delta R.T. -0.006 min

Lab File: BF139258.D

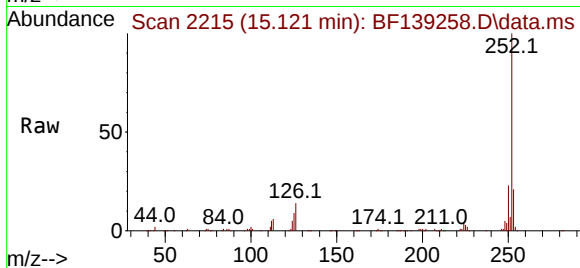
Acq: 05 Sep 2024 13:59

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024



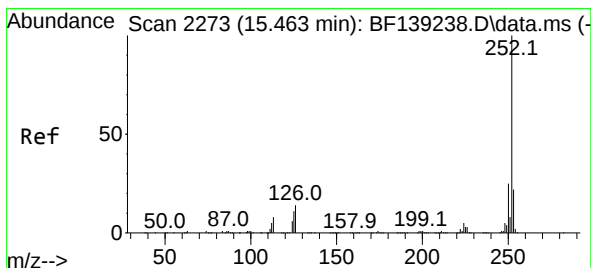
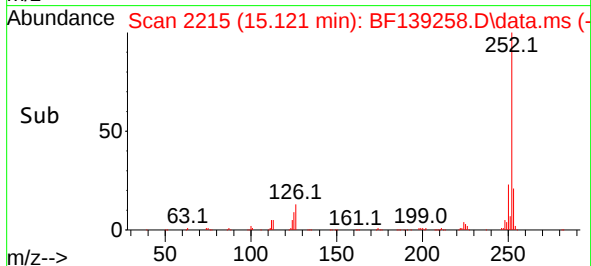
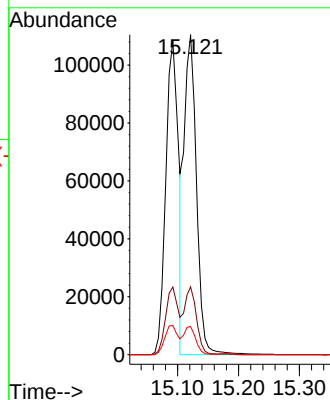
Tgt Ion:252 Resp: 156648

Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

125 8.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 8.912 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF139258.D

Acq: 05 Sep 2024 13:59

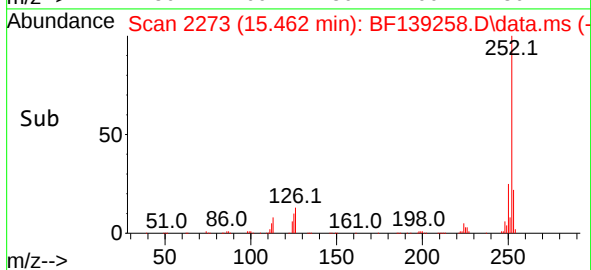
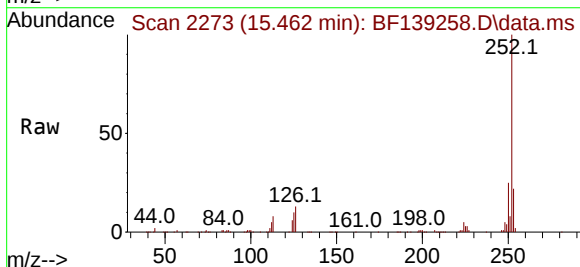
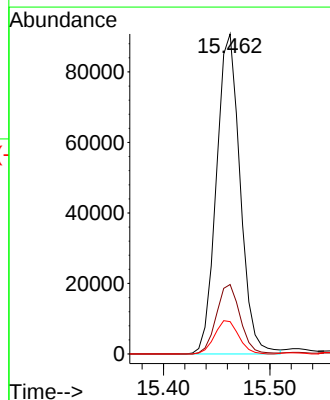
Tgt Ion:252 Resp: 140295

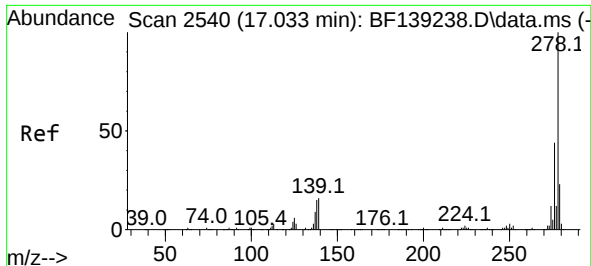
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.1 8.6 13.0

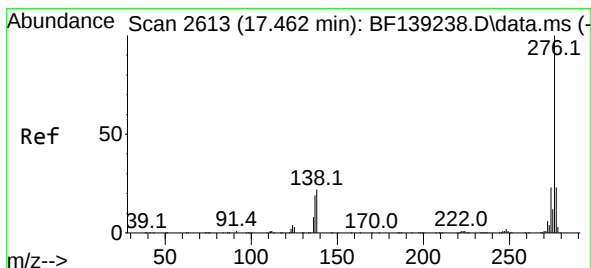
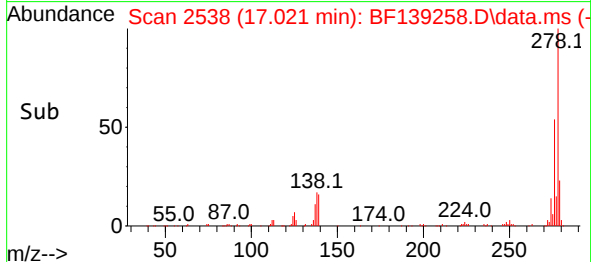
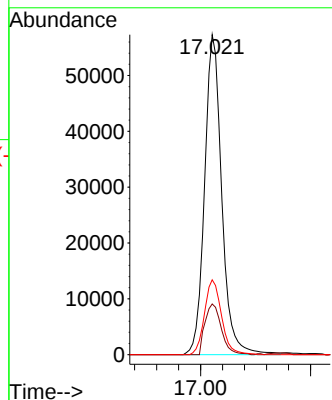
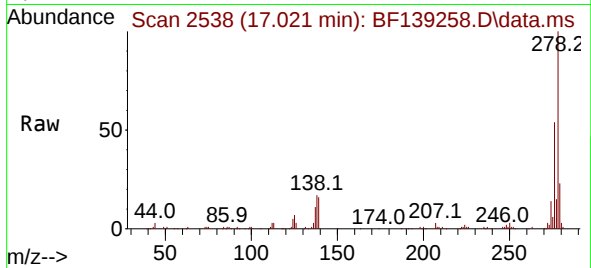




#91
Dibenzo(a,h)anthracene
Concen: 7.507 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:278 Resp: 124413
Ion Ratio Lower Upper
278 100
139 15.8 12.6 19.0
279 23.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 7.041 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.018 min
Lab File: BF139258.D
Acq: 05 Sep 2024 13:59

Tgt Ion:276 Resp: 120446
Ion Ratio Lower Upper
276 100
277 23.6 18.6 27.8
138 20.7 17.4 26.0

