

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
 Data File : BF139060.D
 Acq On : 16 Aug 2024 16:30
 Operator : RC/JU
 Sample : P3390-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Quant Time: Aug 16 16:53:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	49903	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	213131	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	120891	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	210411	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	103768	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	87792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	445881	137.925	ng	0.00
7) Phenol-d6	6.487	99	612946	141.220	ng	0.00
23) Nitrobenzene-d5	7.404	82	410215	94.102	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	146328	147.767	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	752206	93.488	ng	-0.01
79) Terphenyl-d14	12.939	244	699506	112.863	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	15765	11.139	ng	94
3) Pyridine	3.416	79	32186	9.388	ng	# 87
4) n-Nitrosodimethylamine	3.304	42	24991	12.239	ng	# 76
6) Aniline	6.504	93	53060	13.708	ng	# 60
8) 2-Chlorophenol	6.628	128	39747	11.686	ng	95
9) Benzaldehyde	6.398	77	34056	13.089	ng	98
10) Phenol	6.498	94	54785	11.988	ng	# 57
11) bis(2-Chloroethyl)ether	6.575	93	39601	11.261	ng	98
12) 1,3-Dichlorobenzene	6.775	146	43780	11.499	ng	96
13) 1,4-Dichlorobenzene	6.851	146	44502	11.582	ng	98
14) 1,2-Dichlorobenzene	7.004	146	41115	11.450	ng	98
15) Benzyl Alcohol	6.992	79	40537	12.958	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.104	45	73568	12.156	ng	55
17) 2-Methylphenol	7.104	107	33212	11.825	ng	# 84
18) Hexachloroethane	7.339	117	16806	11.620	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	33122	12.635	ng	94
20) 3+4-Methylphenols	7.263	107	42820	11.883	ng	# 62
22) Acetophenone	7.245	105	63085	12.089	ng	95
24) Nitrobenzene	7.422	77	50835	11.460	ng	98
25) Isophorone	7.657	82	86938	11.679	ng	# 98
26) 2-Nitrophenol	7.739	139	20760	10.878	ng	88
27) 2,4-Dimethylphenol	7.781	122	21578	9.450	ng	94
28) bis(2-Chloroethoxy)met...	7.863	93	50898	11.228	ng	99
29) 2,4-Dichlorophenol	7.992	162	32728	11.154	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	37853	11.179	ng	99
31) Naphthalene	8.139	128	123480	11.007	ng	99
32) Benzoic acid	7.916	122	19287	10.745	ng	89
33) 4-Chloroaniline	8.198	127	46254	12.283	ng	97
34) Hexachlorobutadiene	8.245	225	23142	11.284	ng	97
35) Caprolactam	8.551	113	10237	11.693	ng	91
36) 4-Chloro-3-methylphenol	8.681	107	39521	11.786	ng	99
37) 2-Methylnaphthalene	8.828	142	81595	11.516	ng	98
38) 1-Methylnaphthalene	8.928	142	76605	11.034	ng	96
40) 1,2,4,5-Tetrachloroben...	8.992	216	36928	10.996	ng	97
41) Hexachlorocyclopentadiene	8.975	237	1457	8.462	ng	94
43) 2,4,6-Trichlorophenol	9.116	196	20706	10.113	ng	95

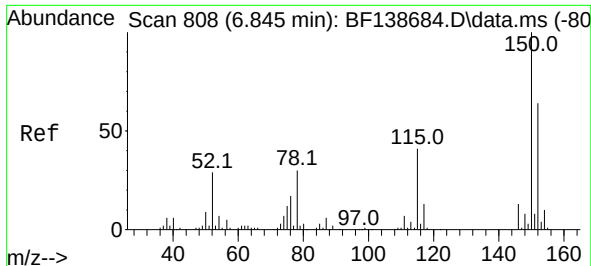
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
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 QLast Update : Tue Jul 30 17:50:01 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	23059	10.302	ng	97
46) 1,1'-Biphenyl	9.286	154	109730	11.590	ng	99
47) 2-Chloronaphthalene	9.316	162	78516	11.150	ng	99
48) 2-Nitroaniline	9.422	65	27869	11.674	ng	94
49) Acenaphthylene	9.727	152	120188	12.034	ng	99
50) Dimethylphthalate	9.586	163	95074	12.299	ng	99
51) 2,6-Dinitrotoluene	9.657	165	20054	11.496	ng	# 85
52) Acenaphthene	9.898	154	75078	11.183	ng	99
53) 3-Nitroaniline	9.833	138	20136	11.165	ng	97
54) 2,4-Dinitrophenol	9.963	184	8840	11.008	ng	# 79
55) Dibenzofuran	10.075	168	111408	11.756	ng	96
56) 4-Nitrophenol	10.027	139	11444	10.552	ng	88
57) 2,4-Dinitrotoluene	10.069	165	26309	11.821	ng	# 71
58) Fluorene	10.416	166	90466	11.987	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	19335	11.299	ng	95
60) Diethylphthalate	10.286	149	93344	12.736	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	43510	11.723	ng	96
62) 4-Nitroaniline	10.445	138	18591	10.848	ng	82
63) Azobenzene	10.563	77	96842	11.913	ng	95
65) 4,6-Dinitro-2-methylph...	10.480	198	11331	8.827	ng	79
66) n-Nitrosodiphenylamine	10.527	169	76778	11.674	ng	97
67) 4-Bromophenyl-phenylether	10.892	248	25840	11.343	ng	96
68) Hexachlorobenzene	10.963	284	26218	11.146	ng	98
69) Atrazine	11.051	200	24568	14.478	ng	99
70) Pentachlorophenol	11.174	266	11865	11.191	ng	96
71) Phenanthrene	11.380	178	128174	11.830	ng	99
72) Anthracene	11.433	178	127061	11.904	ng	98
73) Carbazole	11.592	167	105181	11.422	ng	98
74) Di-n-butylphthalate	11.910	149	138729	13.401	ng	98
75) Fluoranthene	12.568	202	122049	12.067	ng	98
77) Benzidine	12.698	184	30208	12.171	ng	97
78) Pyrene	12.798	202	119291	12.210	ng	99
80) Butylbenzylphthalate	13.404	149	39875	12.745	ng	96
81) Benzo(a)anthracene	13.986	228	81937	11.467	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	23901	13.071	ng	100
83) Chrysene	14.021	228	76046	11.796	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	47608	10.392	ng	# 97
85) Di-n-octyl phthalate	14.568	149	69958	8.253	ng	97
87) Indeno(1,2,3-cd)pyrene	16.939	276	65973	10.486	ng	95
88) Benzo(b)fluoranthene	15.062	252	57638	10.591	ng	98
89) Benzo(k)fluoranthene	15.062	252	57638	12.232	ng	98
90) Benzo(a)pyrene	15.404	252	55531	12.131	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	51522	9.976	ng	99
92) Benzo(g,h,i)perylene	17.392	276	50883	9.494	ng	97

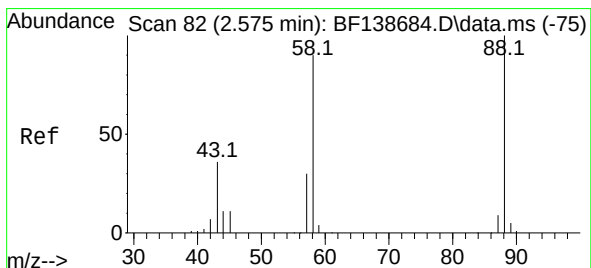
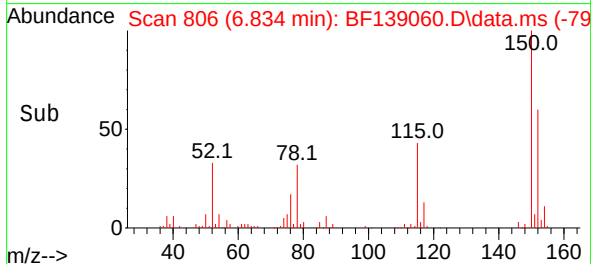
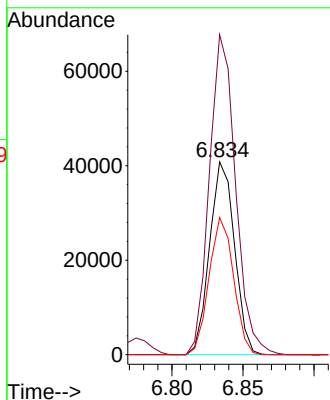
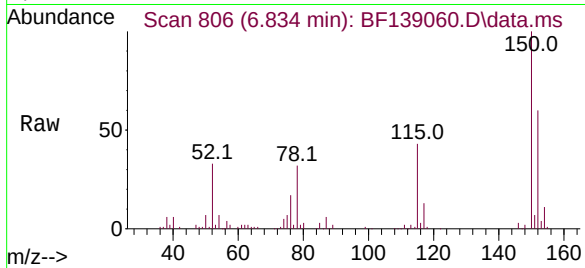
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

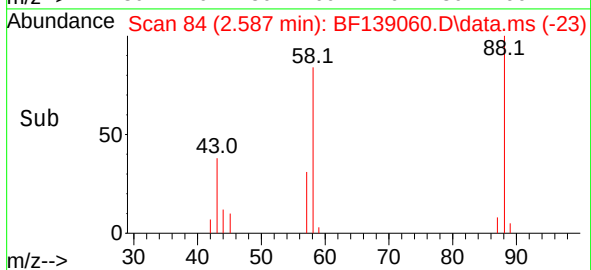
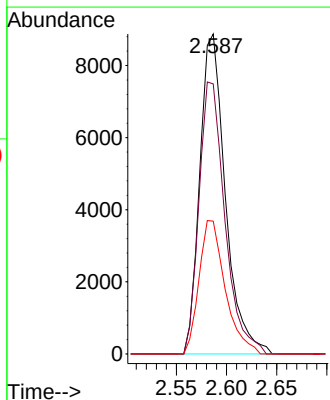
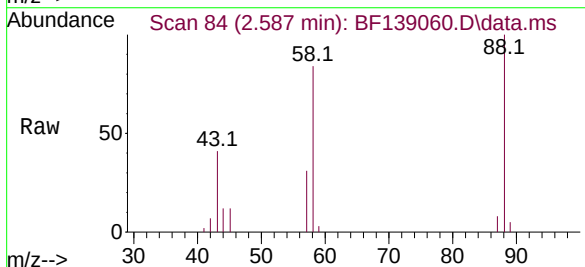
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

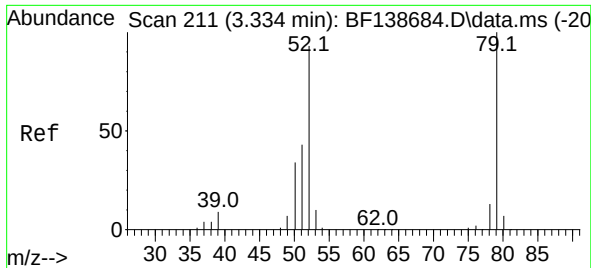
Tgt Ion:152 Resp: 49903
Ion Ratio Lower Upper
152 100
150 165.9 126.0 189.0
115 71.1 51.7 77.5



#2
1,4-Dioxane
Concen: 11.139 ng
RT: 2.587 min Scan# 84
Delta R.T. 0.012 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion: 88 Resp: 15765
Ion Ratio Lower Upper
88 100
58 86.1 71.6 107.4
43 42.7 28.7 43.1





#3

Pyridine

Concen: 9.388 ng

RT: 3.416 min Scan# 211

Delta R.T. 0.082 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

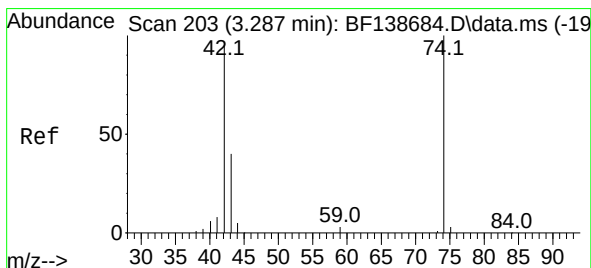
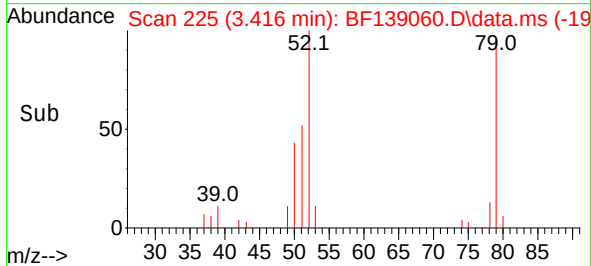
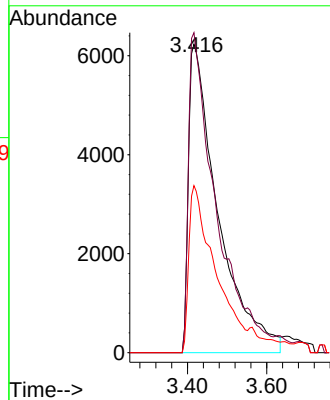
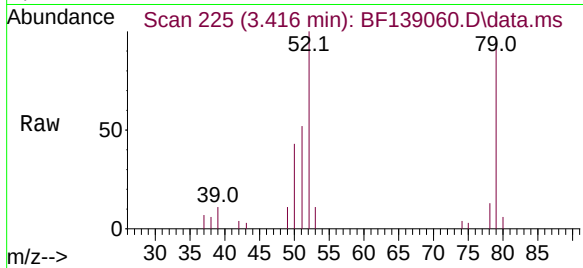
Tgt Ion: 79 Resp: 32186

Ion Ratio Lower Upper

79 100

52 103.7 74.7 112.1

51 54.1 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 12.239 ng

RT: 3.304 min Scan# 206

Delta R.T. 0.018 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

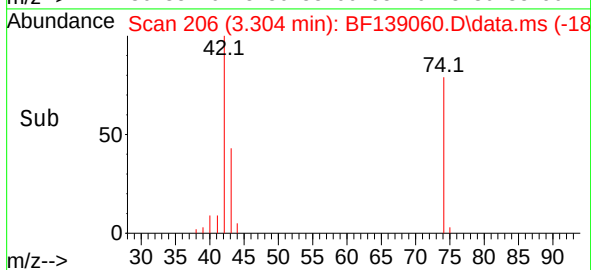
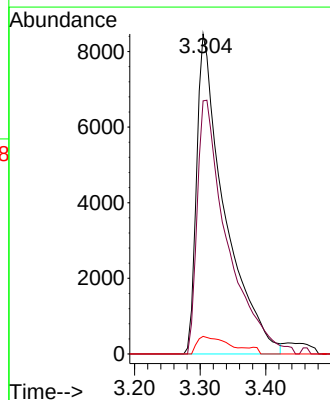
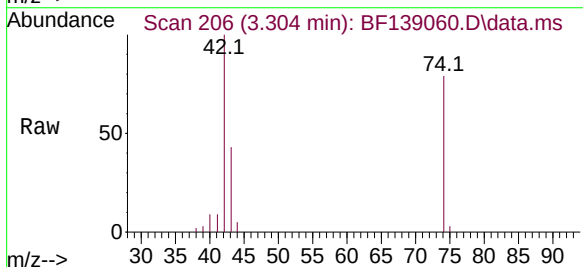
Tgt Ion: 42 Resp: 24991

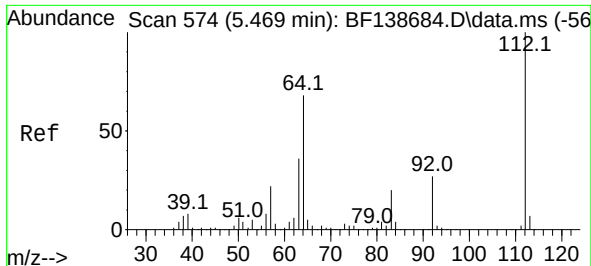
Ion Ratio Lower Upper

42 100

74 79.1 84.2 126.4#

44 5.5 4.9 7.3

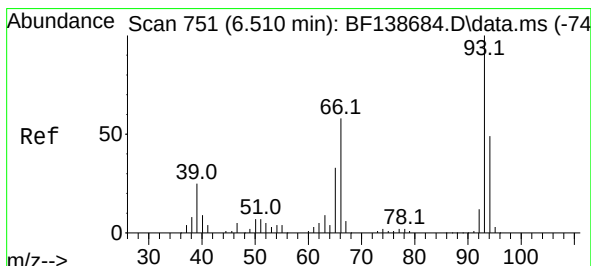
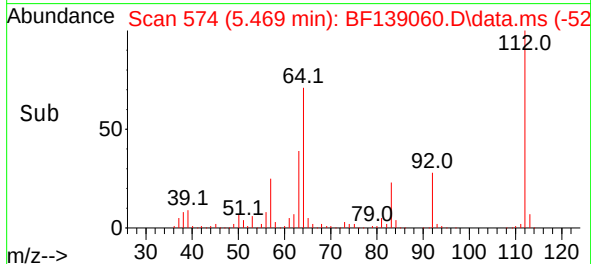
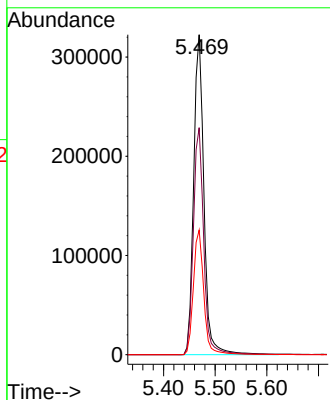
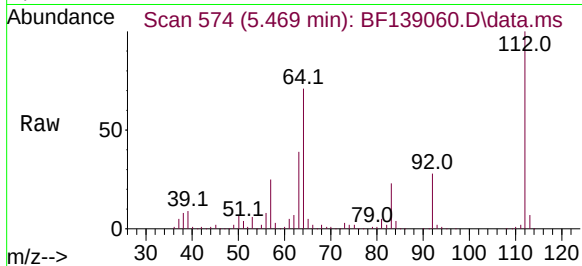




#5
2-Fluorophenol
Concen: 137.925 ng
RT: 5.469 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

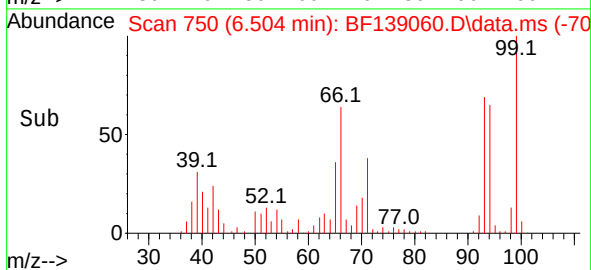
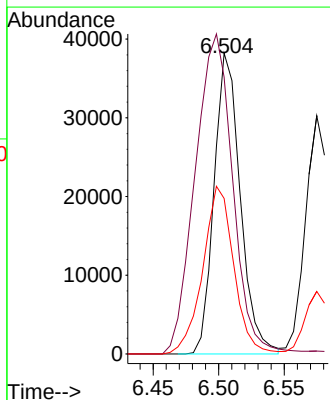
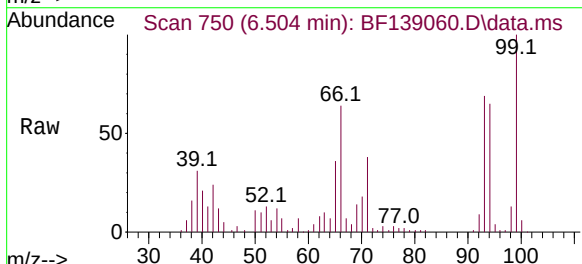
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

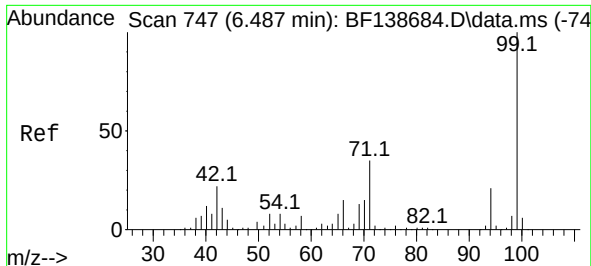
Tgt Ion:112 Resp: 445881
Ion Ratio Lower Upper
112 100
64 71.0 54.2 81.4
63 38.9 28.7 43.1



#6
Aniline
Concen: 13.708 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion: 93 Resp: 53060
Ion Ratio Lower Upper
93 100
66 92.0 46.9 70.3#
65 51.7 26.5 39.7#





#7

Phenol-d6

Concen: 141.220 ng

RT: 6.487 min Scan# 747

Delta R.T. -0.000 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

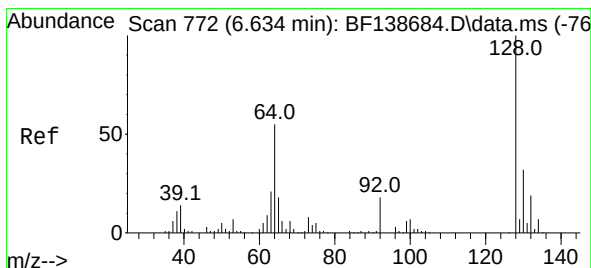
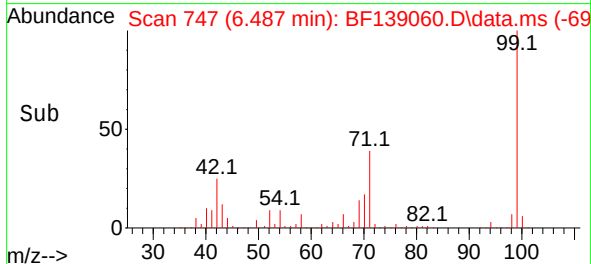
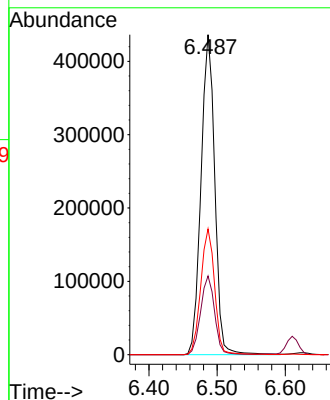
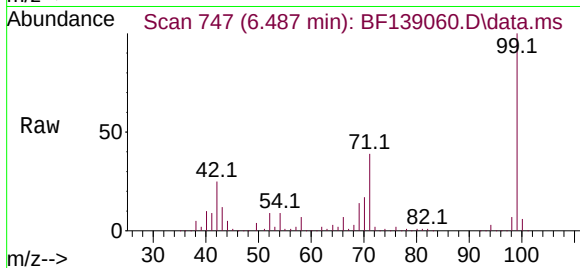
Tgt Ion: 99 Resp: 612946

Ion Ratio Lower Upper

99 100

42 24.6 17.4 26.0

71 39.3 28.1 42.1



#8

2-Chlorophenol

Concen: 11.686 ng

RT: 6.628 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

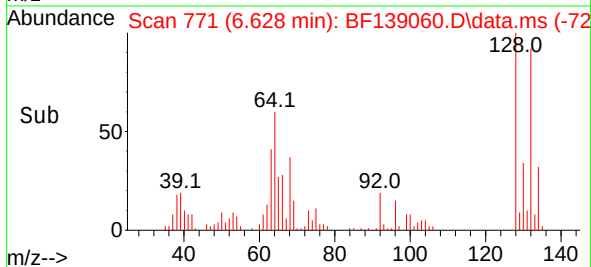
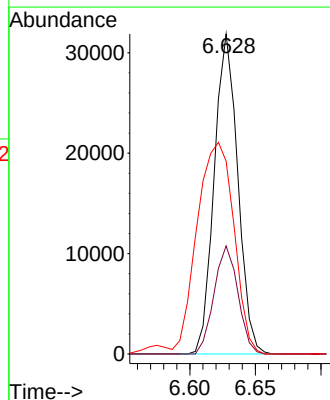
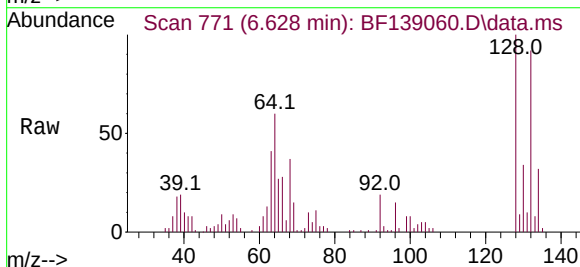
Tgt Ion:128 Resp: 39747

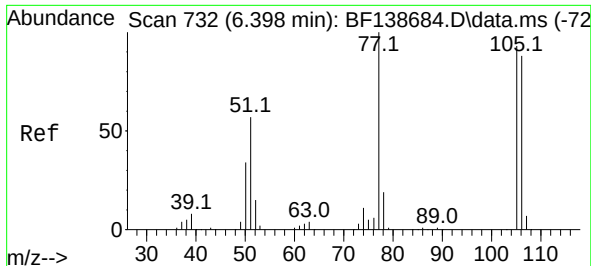
Ion Ratio Lower Upper

128 100

130 33.7 12.0 52.0

64 60.3 36.3 76.3





#9

Benzaldehyde

Concen: 13.089 ng

RT: 6.398 min Scan# 732

Delta R.T. 0.000 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

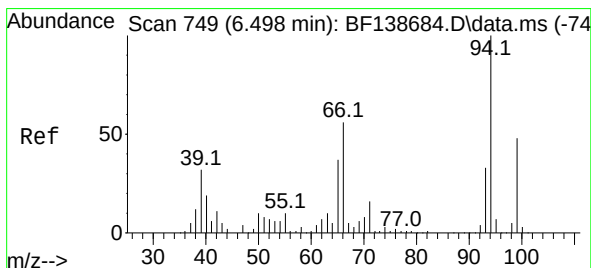
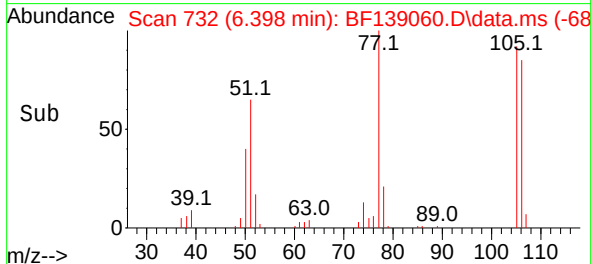
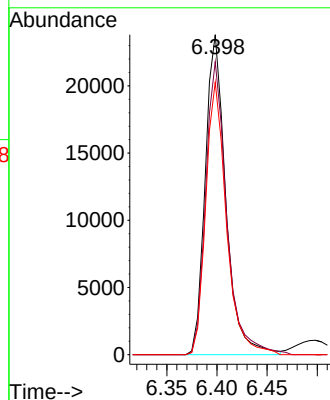
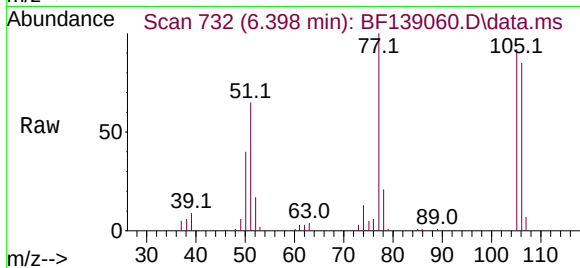
Tgt Ion: 77 Resp: 34056

Ion Ratio Lower Upper

77 100

105 91.5 72.9 112.9

106 85.1 68.4 108.4



#10

Phenol

Concen: 11.988 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

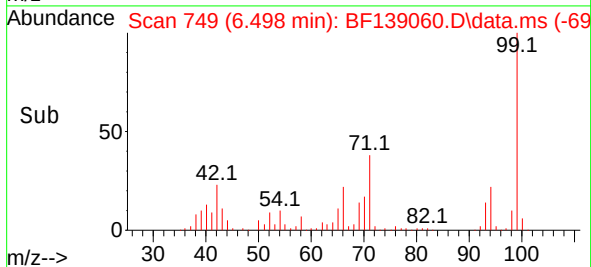
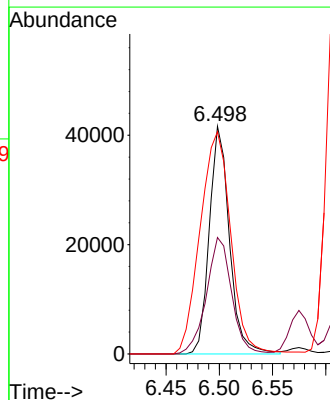
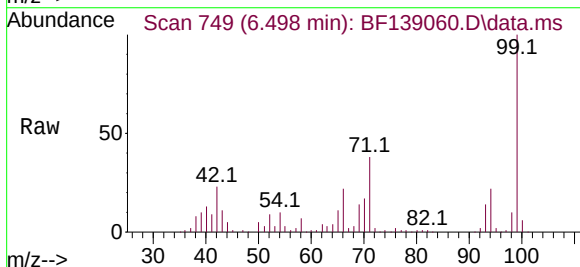
Tgt Ion: 94 Resp: 54785

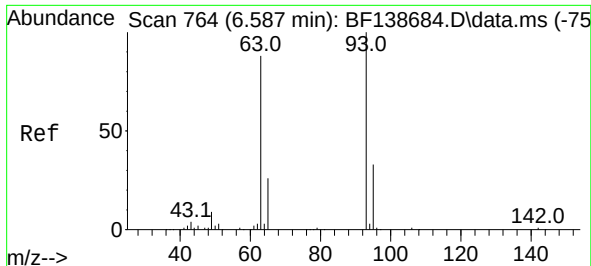
Ion Ratio Lower Upper

94 100

65 51.2 16.9 56.9

66 97.6 36.5 76.5#





#11

bis(2-Chloroethyl)ether

Concen: 11.261 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

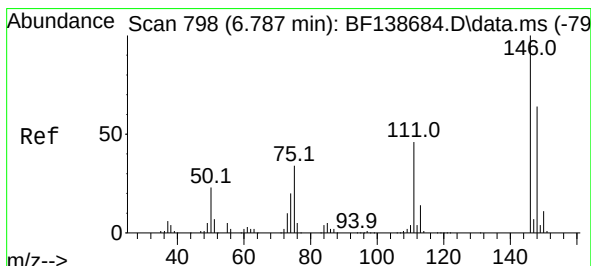
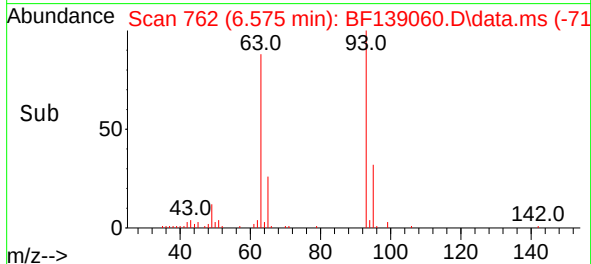
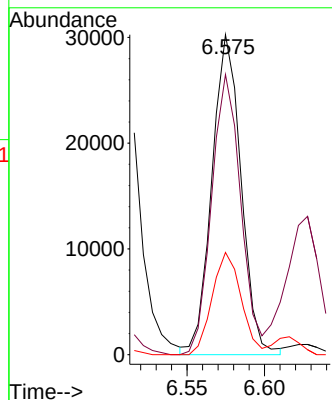
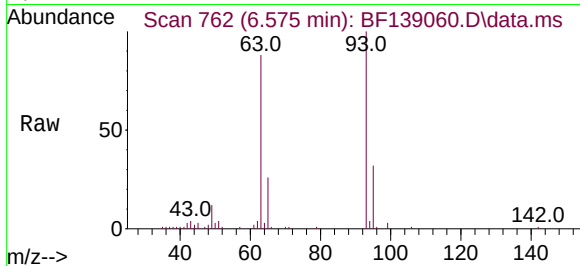
Tgt Ion: 93 Resp: 39601

Ion Ratio Lower Upper

93 100

63 87.6 65.3 105.3

95 32.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 11.499 ng

RT: 6.775 min Scan# 796

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

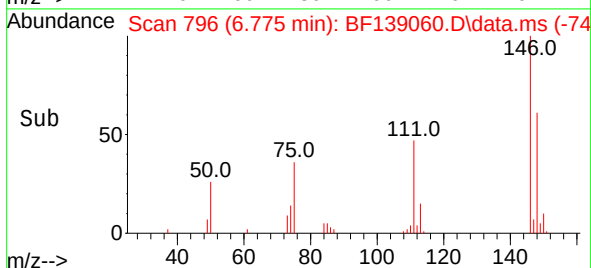
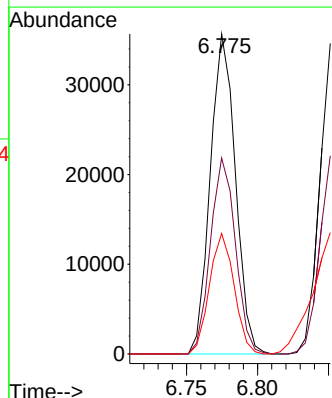
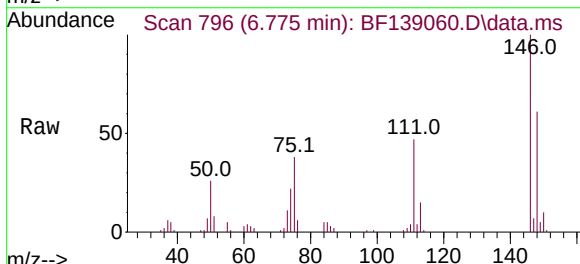
Tgt Ion: 146 Resp: 43780

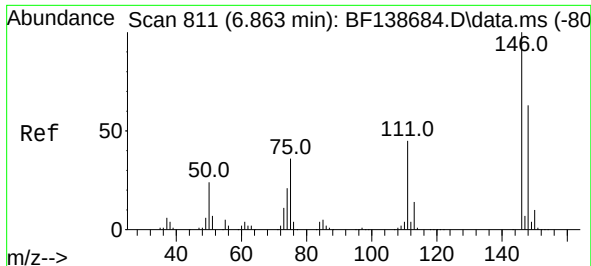
Ion Ratio Lower Upper

146 100

148 61.2 51.2 76.8

75 37.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 11.582 ng

RT: 6.851 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

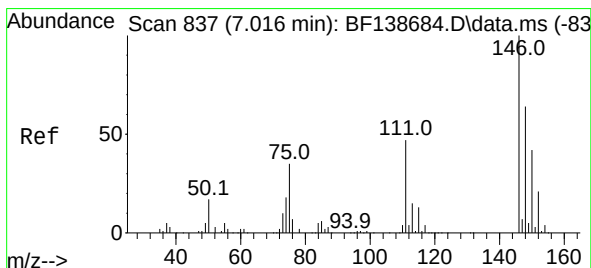
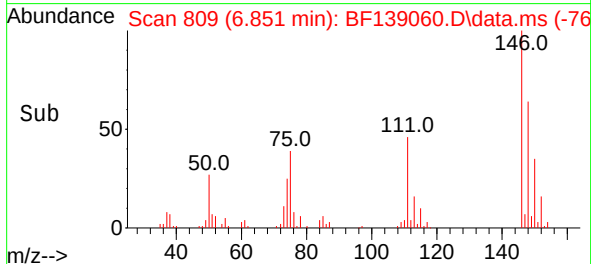
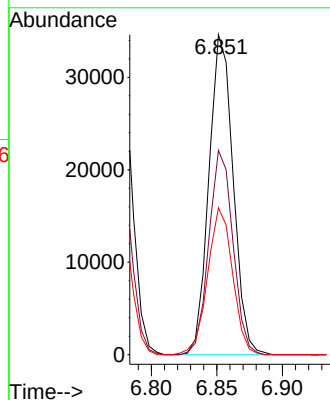
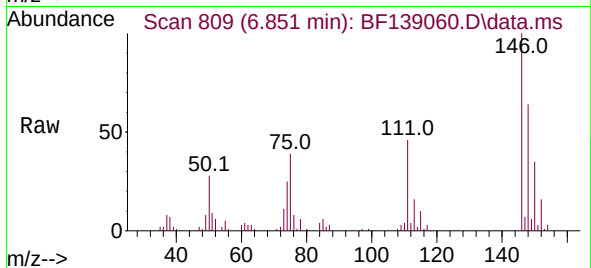
Tgt Ion:146 Resp: 44502

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.2

111 45.9 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 11.450 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

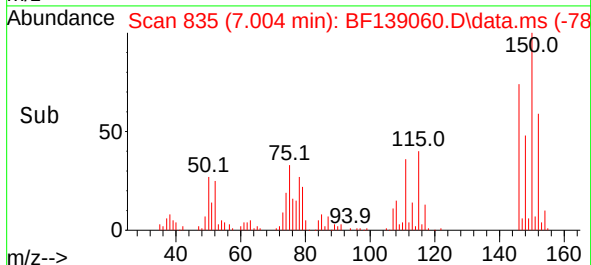
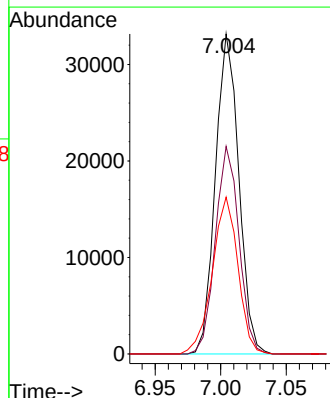
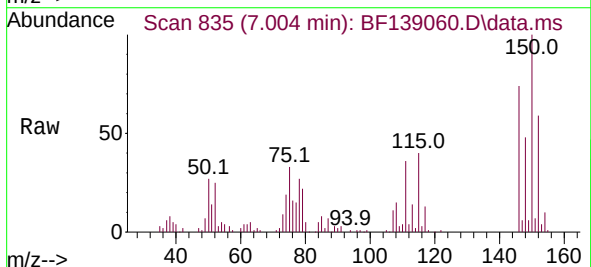
Tgt Ion:146 Resp: 41115

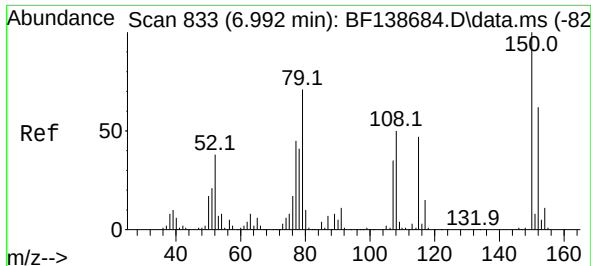
Ion Ratio Lower Upper

146 100

148 64.9 50.8 76.2

111 49.0 37.4 56.2

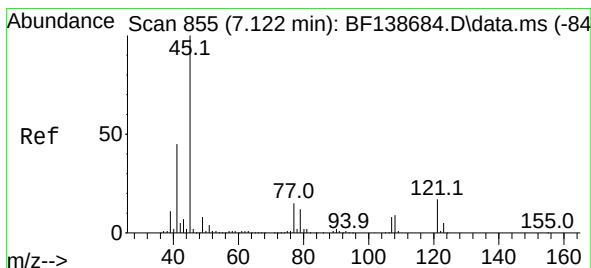
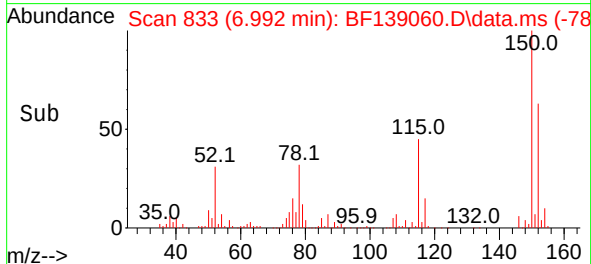
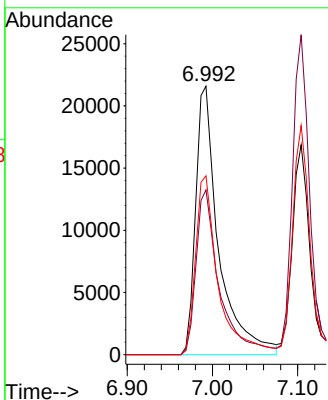
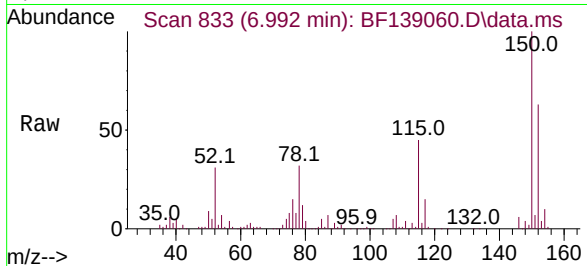




#15
Benzyl Alcohol
Concen: 12.958 ng
RT: 6.992 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

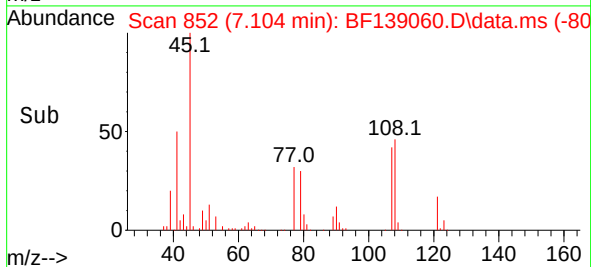
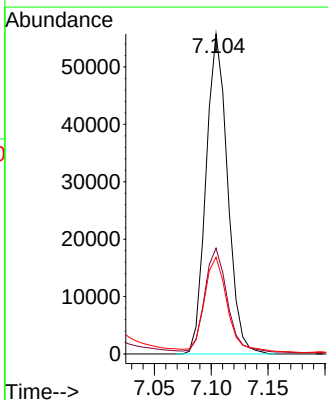
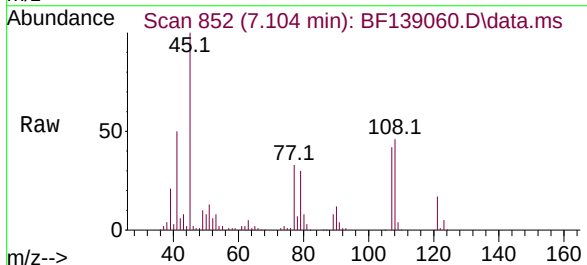
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

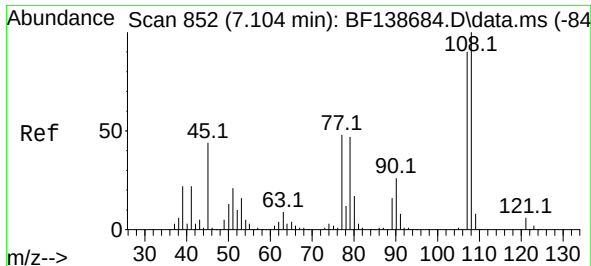
Tgt Ion: 79 Resp: 40537
Ion Ratio Lower Upper
79 100
108 61.4 56.6 85.0
77 66.6 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.156 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion: 45 Resp: 73568
Ion Ratio Lower Upper
45 100
77 33.0 0.0 34.9
79 30.3 0.0 32.2

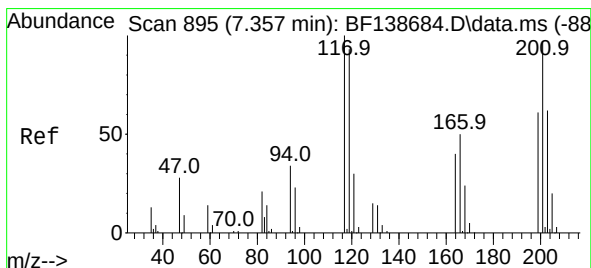
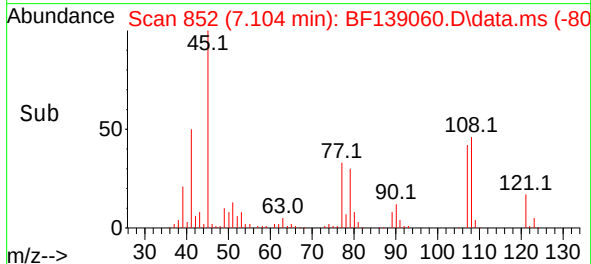
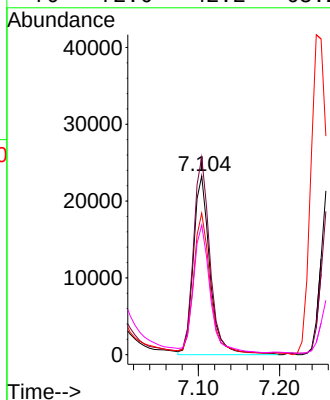
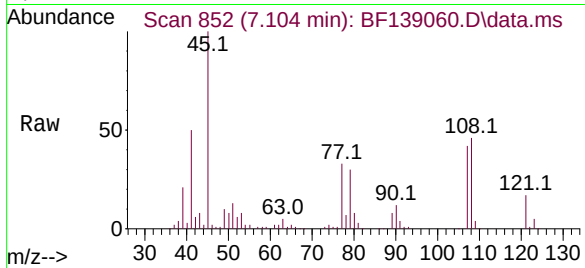




#17
2-Methylphenol
Concen: 11.825 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

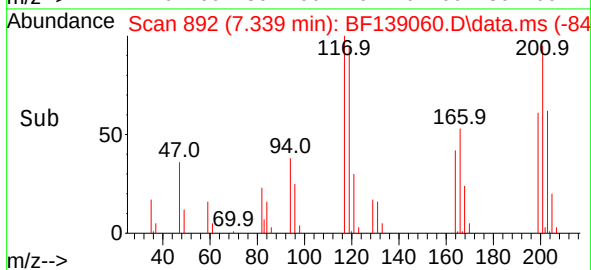
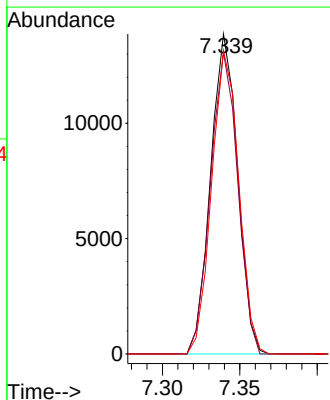
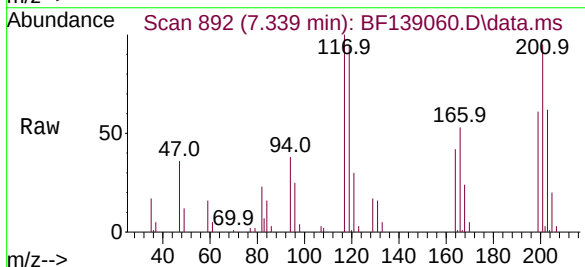
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

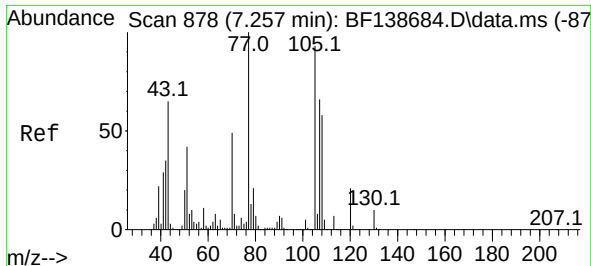
Tgt Ion:	107	Resp:	33212
Ion	Ratio	Lower	Upper
107	100		
108	110.6	89.2	133.8
77	79.2	43.0	64.4#
79	72.6	42.2	63.2#



#18
Hexachloroethane
Concen: 11.620 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion:	117	Resp:	16806
Ion	Ratio	Lower	Upper
117	100		
119	94.3	74.6	111.8
201	94.8	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 12.635 ng

RT: 7.245 min Scan# 876

Delta R.T. -0.012 min

Lab File: BF139060.D

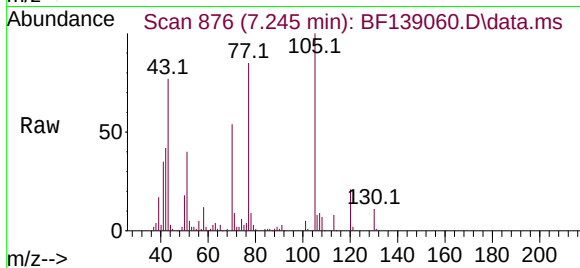
Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion: 70 Resp: 33122

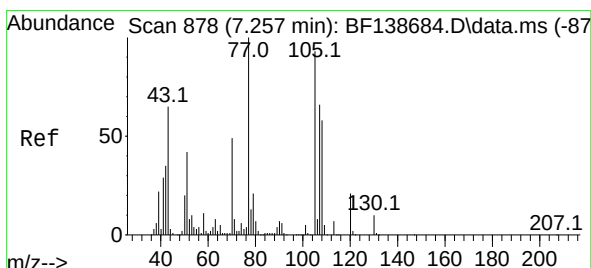
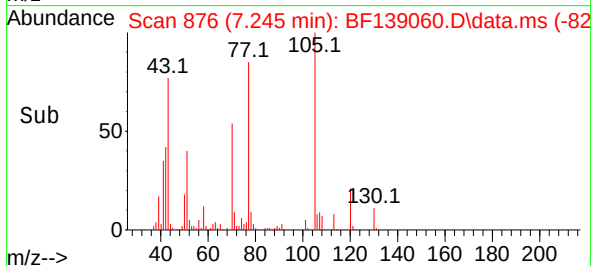
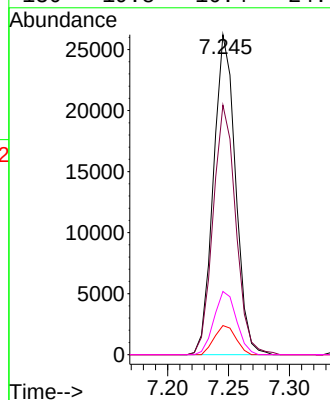
Ion Ratio Lower Upper

70 100

42 78.0 57.4 86.0

101 9.1 7.5 11.3

130 19.8 16.4 24.6



#20

3+4-Methylphenols

Concen: 11.883 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Tgt Ion: 107 Resp: 42820

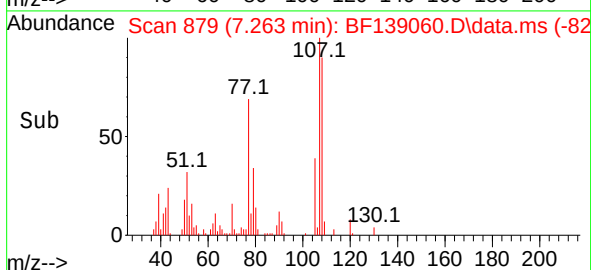
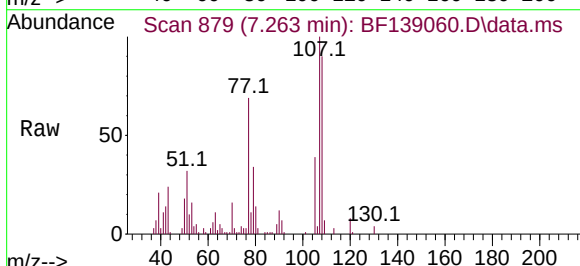
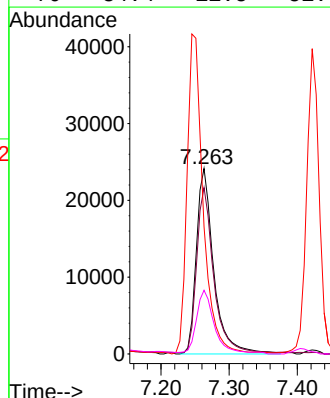
Ion Ratio Lower Upper

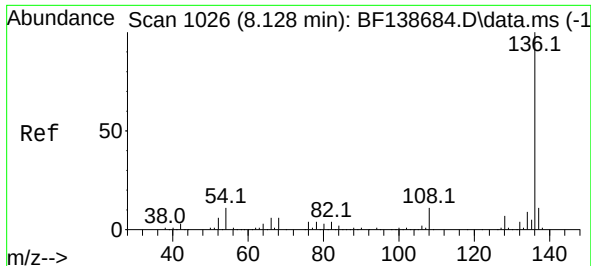
107 100

108 89.7 68.2 108.2

77 68.6 132.1 172.1#

79 34.4 11.5 51.5

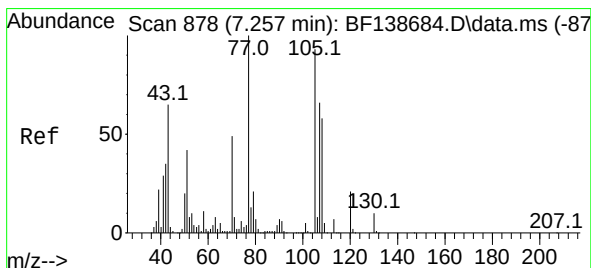
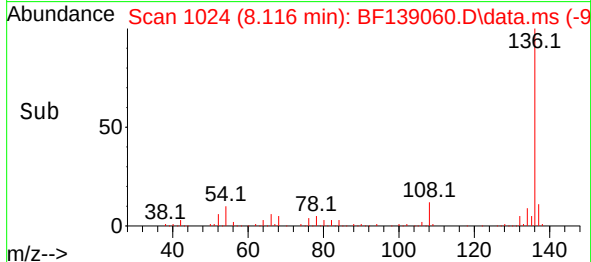
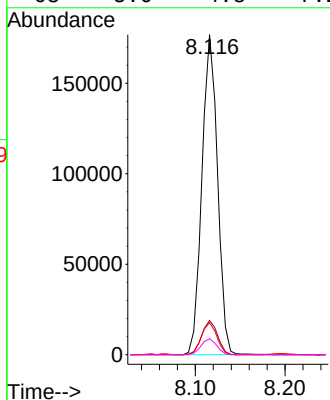
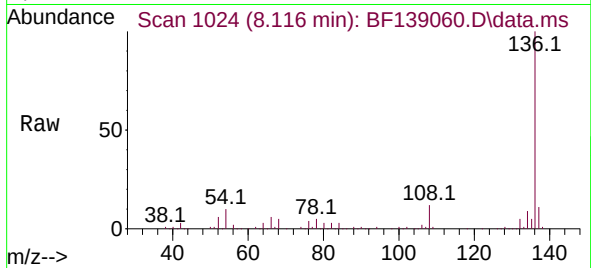




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

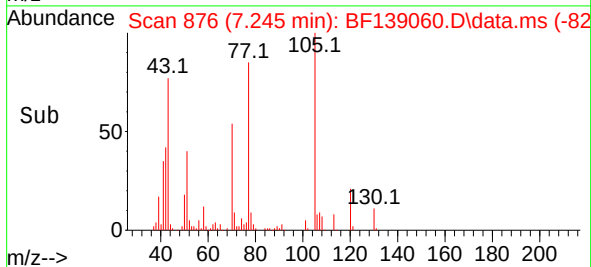
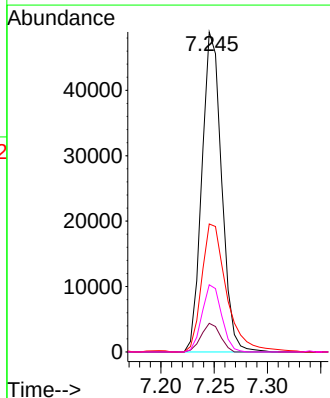
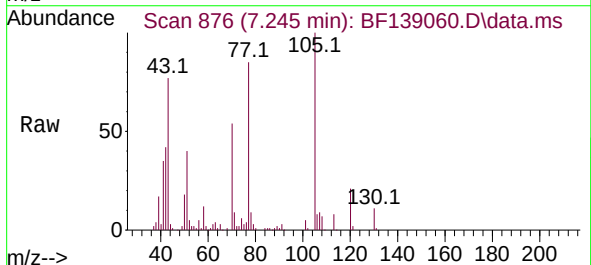
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

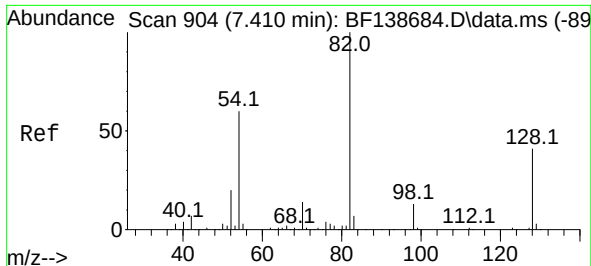
Tgt	Ion:136	Resp:	213131
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.0	8.6	12.8
68	5.0	4.8	7.2



#22
Acetophenone
Concen: 12.089 ng
RT: 7.245 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion:105	Resp: 63085
Ion Ratio	Lower Upper
105 100	
71 9.0	7.2 10.8
51 40.0	35.9 53.9
120 21.0	17.6 26.4





#23

Nitrobenzene-d5

Concen: 94.102 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

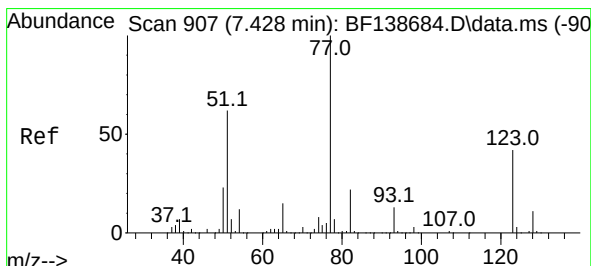
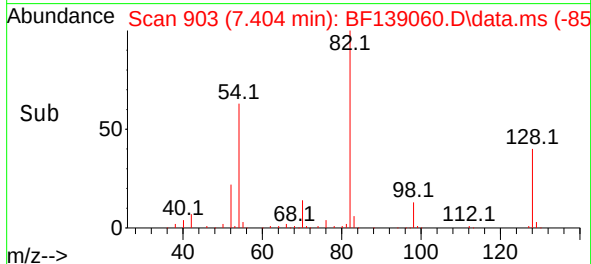
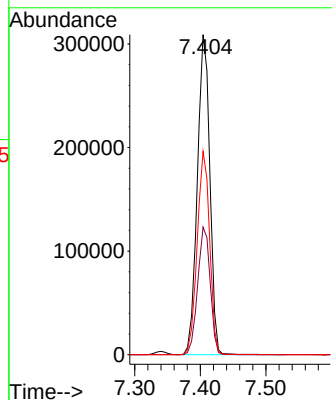
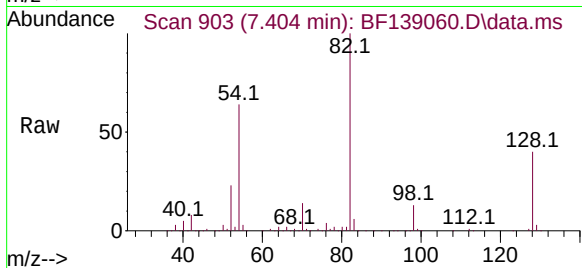
Tgt Ion: 82 Resp: 410215

Ion Ratio Lower Upper

82 100

128 39.8 32.8 49.2

54 63.6 48.3 72.5



#24

Nitrobenzene

Concen: 11.460 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

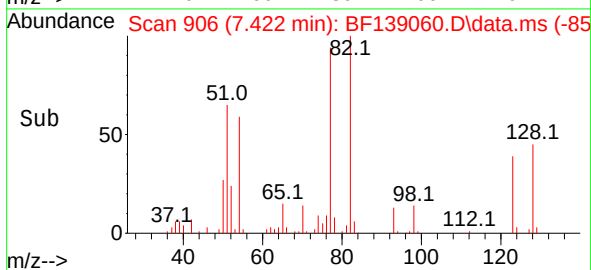
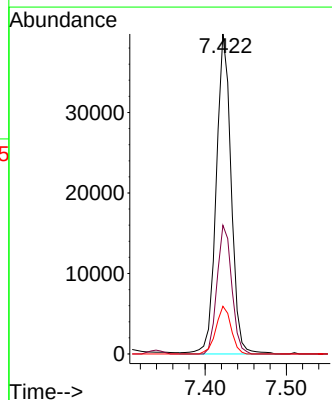
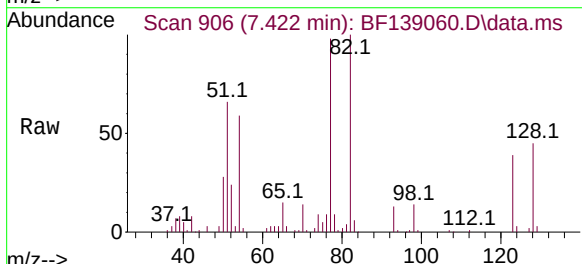
Tgt Ion: 77 Resp: 50835

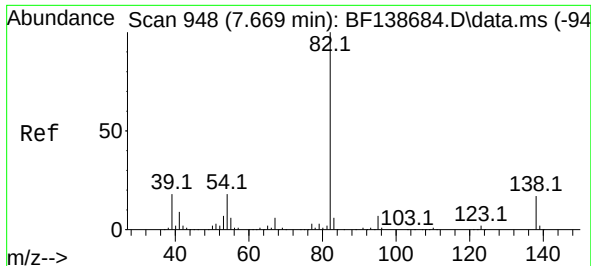
Ion Ratio Lower Upper

77 100

123 40.2 33.3 49.9

65 14.9 11.9 17.9

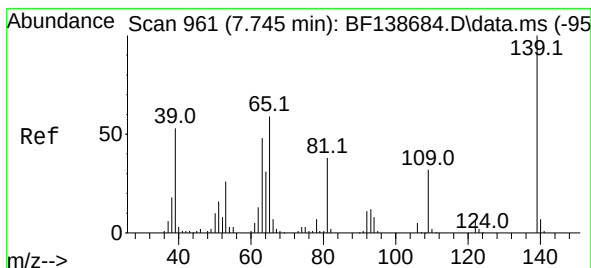
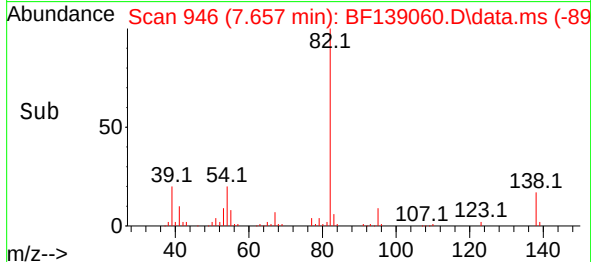
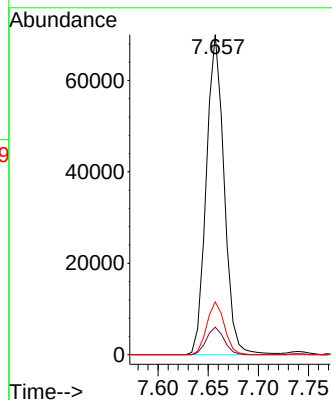
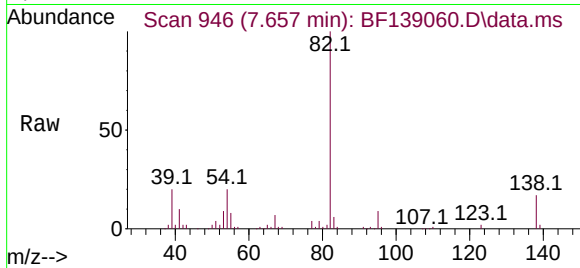




#25
Isophorone
Concen: 11.679 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.012 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

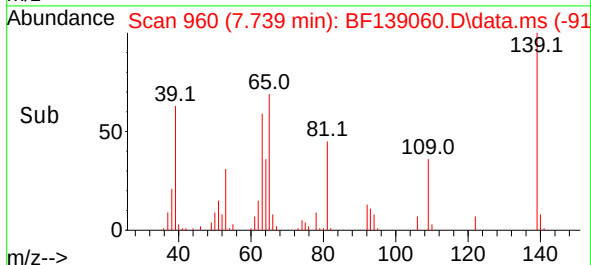
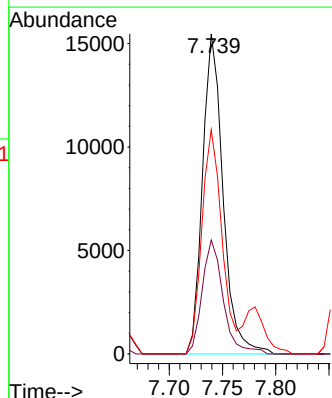
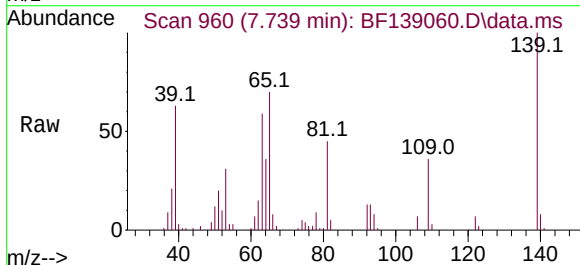
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

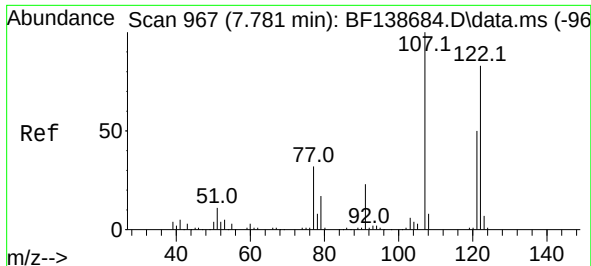
Tgt Ion: 82 Resp: 86938
Ion Ratio Lower Upper
82 100
95 8.6 5.7 8.5#
138 16.5 13.7 20.5



#26
2-Nitrophenol
Concen: 10.878 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion:139 Resp: 20760
Ion Ratio Lower Upper
139 100
109 35.6 25.9 38.9
65 70.0 47.0 70.6

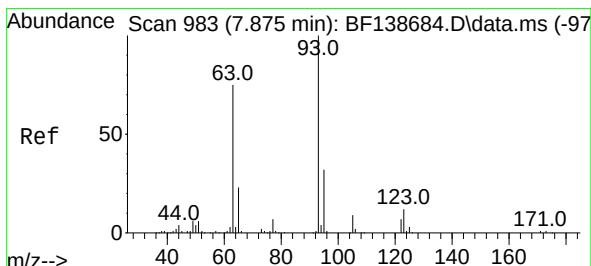
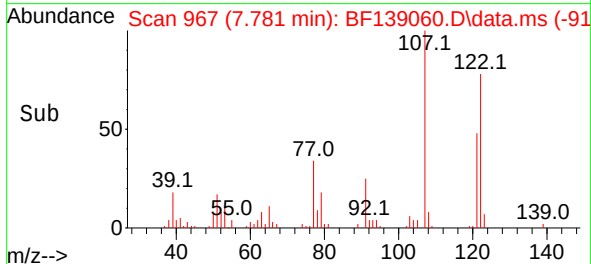
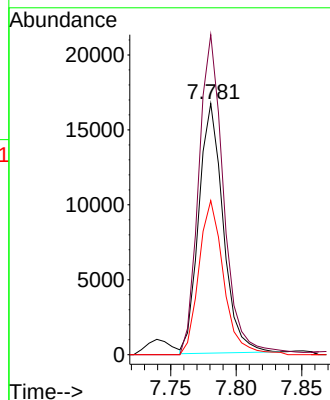
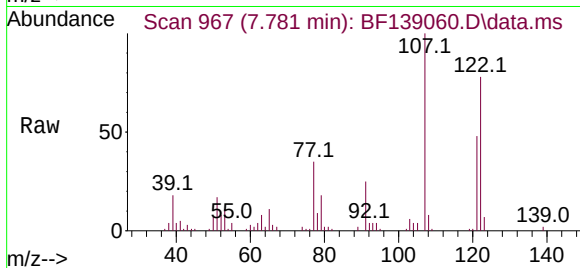




#27
2,4-Dimethylphenol
Concen: 9.450 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

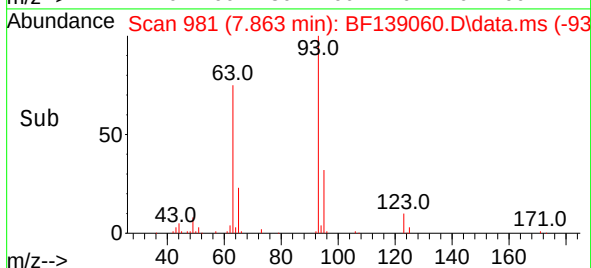
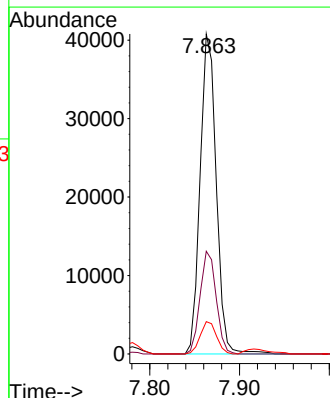
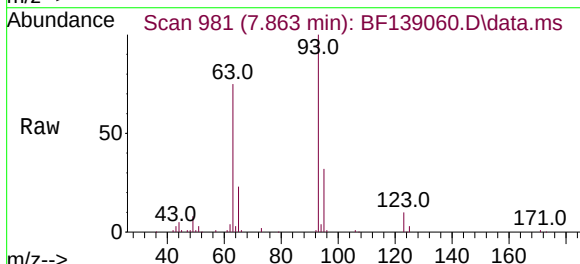
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

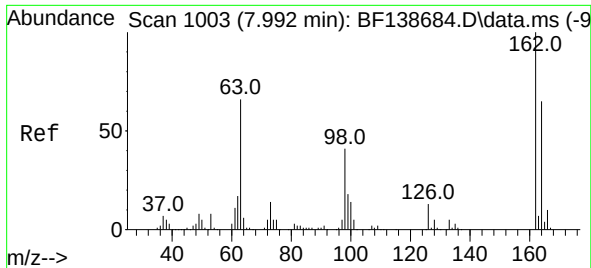
Tgt Ion:122 Resp: 21578
Ion Ratio Lower Upper
122 100
107 127.4 95.0 142.6
121 61.4 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 11.228 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.012 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion: 93 Resp: 50898
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 10.1 9.4 14.0

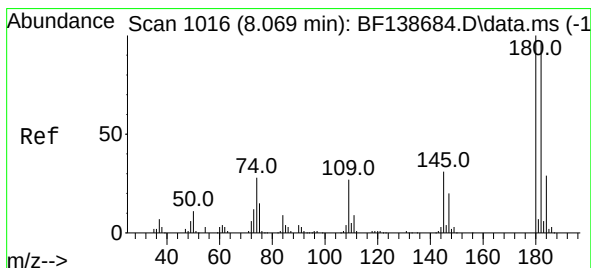
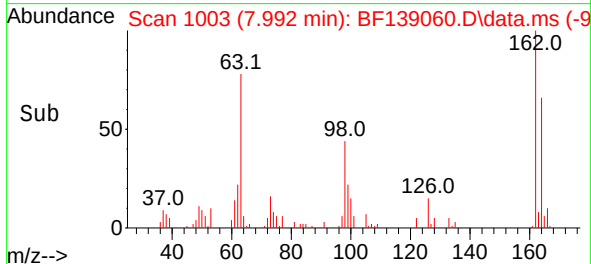
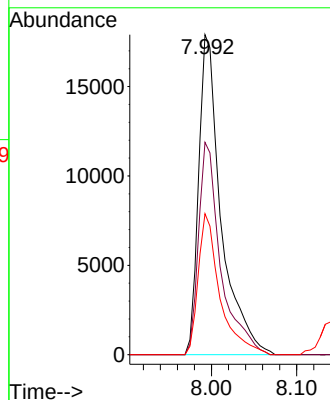
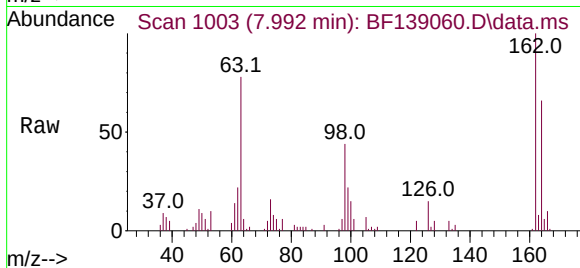




#29
2,4-Dichlorophenol
Concen: 11.154 ng
RT: 7.992 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

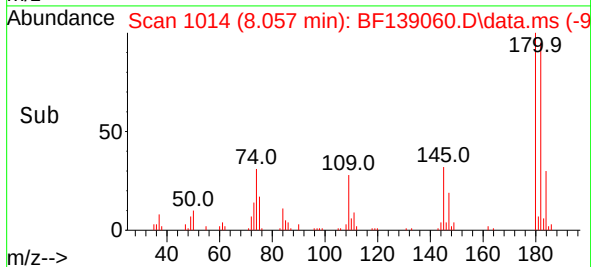
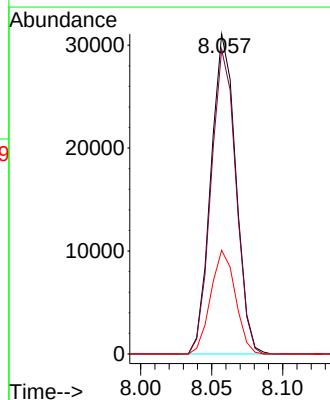
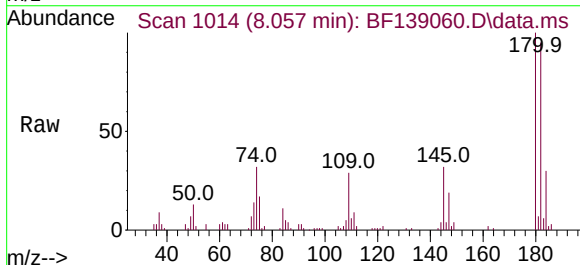
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

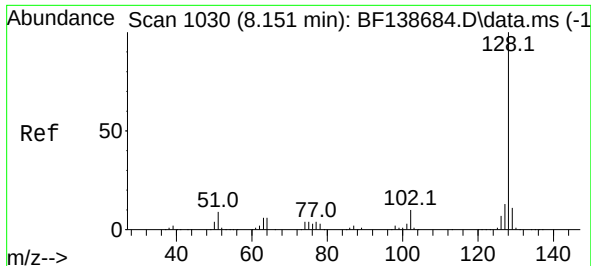
Tgt Ion:162 Resp: 32728
Ion Ratio Lower Upper
162 100
164 66.4 44.7 84.7
98 44.1 20.8 60.8



#30
1,2,4-Trichlorobenzene
Concen: 11.179 ng
RT: 8.057 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion:180 Resp: 37853
Ion Ratio Lower Upper
180 100
182 95.2 76.9 115.3
145 32.4 25.0 37.4





#31

Naphthalene

Concen: 11.007 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

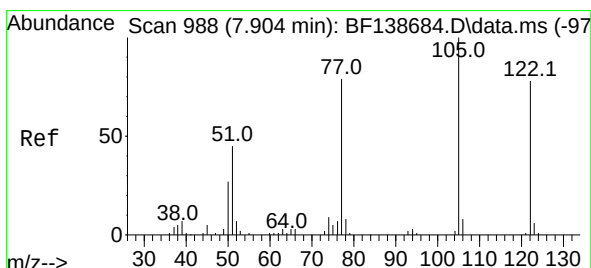
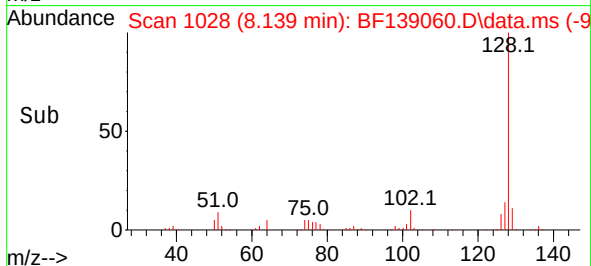
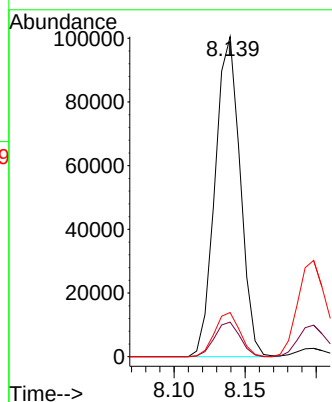
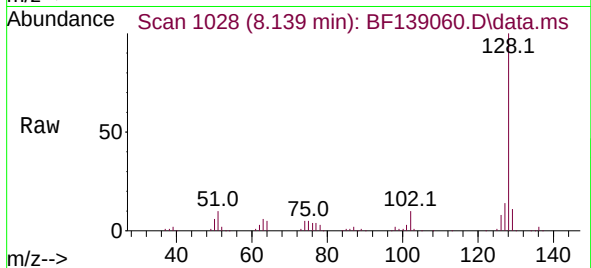
Tgt Ion:128 Resp: 123480

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.8 10.6 16.0



#32

Benzoic acid

Concen: 10.745 ng

RT: 7.916 min Scan# 990

Delta R.T. 0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

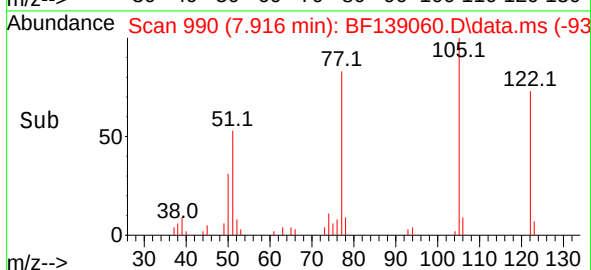
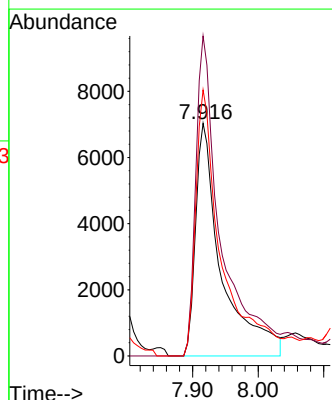
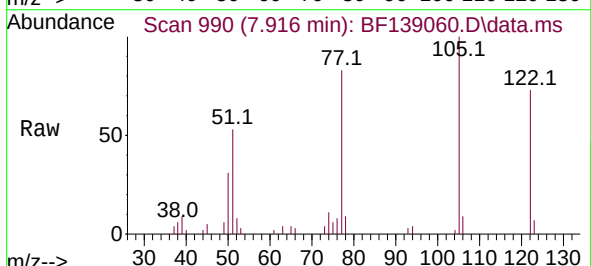
Tgt Ion:122 Resp: 19287

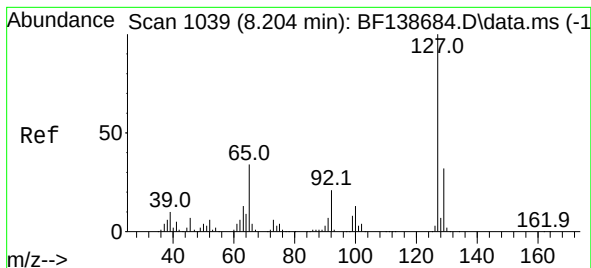
Ion Ratio Lower Upper

122 100

105 137.6 106.7 146.7

77 114.4 81.1 121.1





#33

4-Chloroaniline

Concen: 12.283 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:127 Resp: 46254

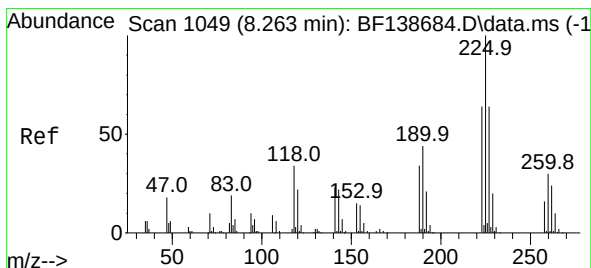
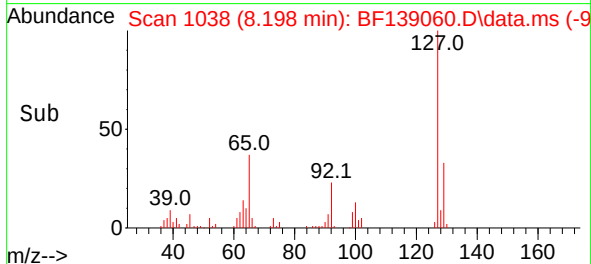
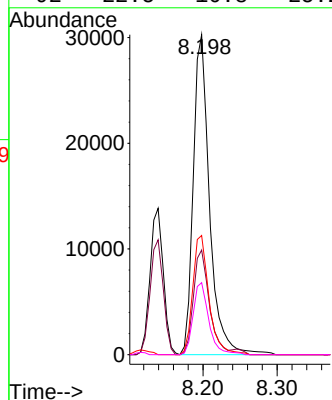
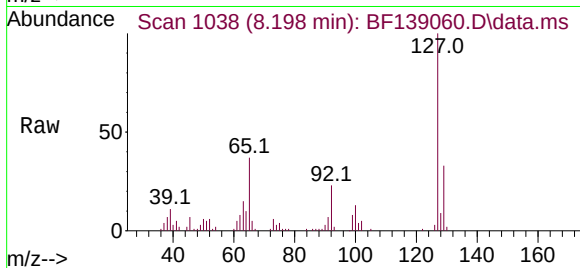
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 37.2 27.6 41.4

92 22.5 16.8 25.2



#34

Hexachlorobutadiene

Concen: 11.284 ng

RT: 8.245 min Scan# 1046

Delta R.T. -0.018 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

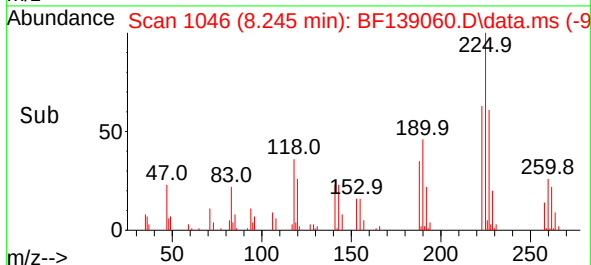
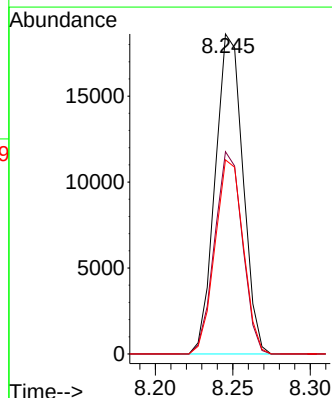
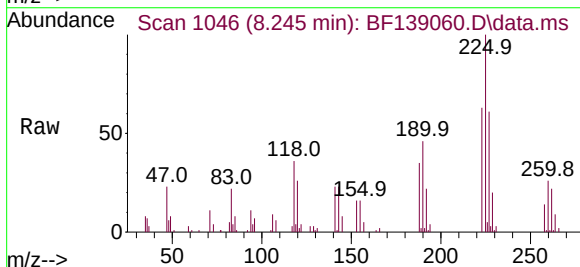
Tgt Ion:225 Resp: 23142

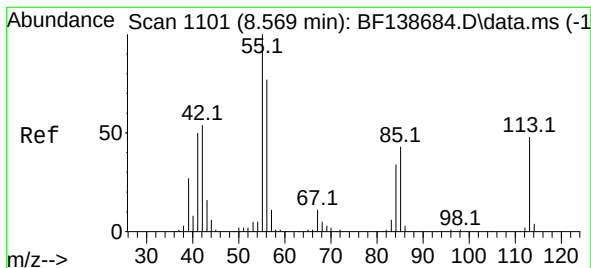
Ion Ratio Lower Upper

225 100

223 63.2 51.2 76.8

227 60.6 51.1 76.7





#35

Caprolactam

Concen: 11.693 ng

RT: 8.551 min Scan# 1101

Delta R.T. -0.018 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

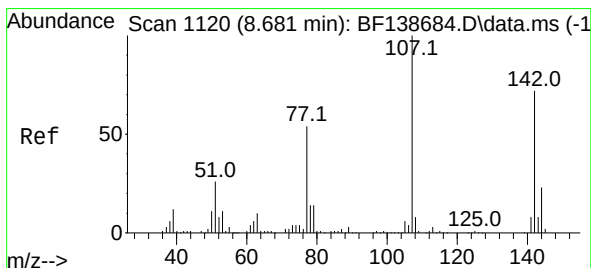
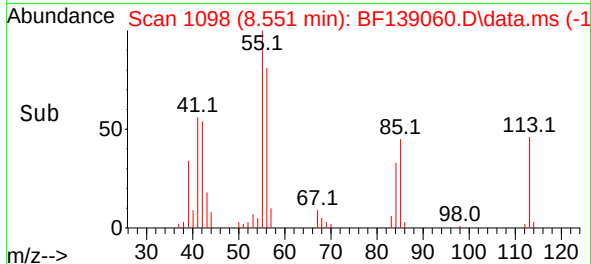
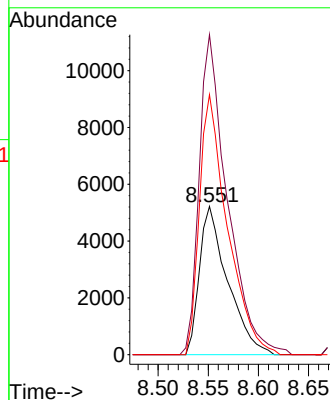
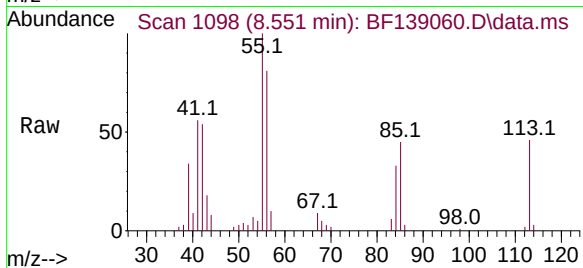
Tgt Ion:113 Resp: 10237

Ion Ratio Lower Upper

113 100

55 215.8 186.7 226.7

56 175.3 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 11.786 ng

RT: 8.681 min Scan# 1120

Delta R.T. -0.000 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

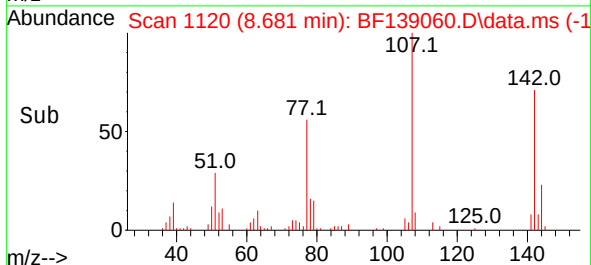
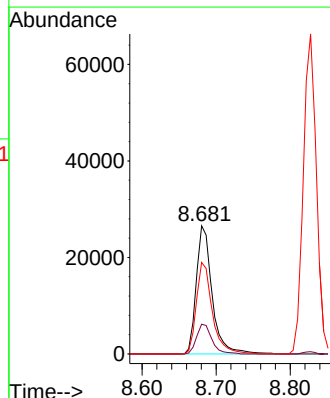
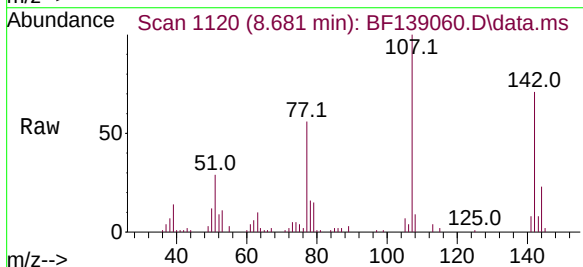
Tgt Ion:107 Resp: 39521

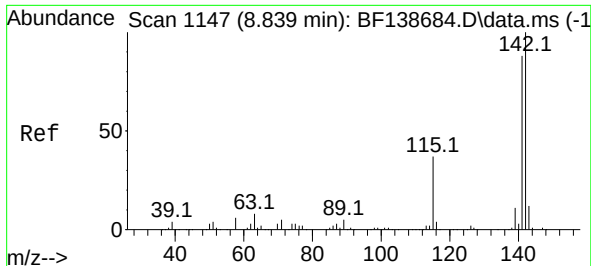
Ion Ratio Lower Upper

107 100

144 23.3 18.2 27.2

142 71.4 57.4 86.2





#37

2-Methylnaphthalene

Concen: 11.516 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

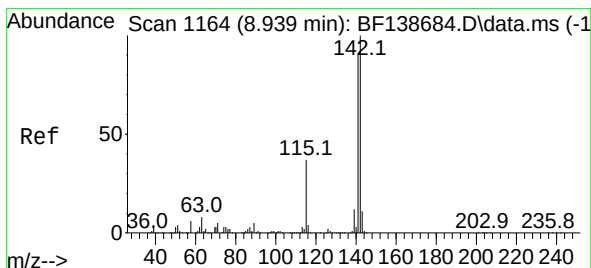
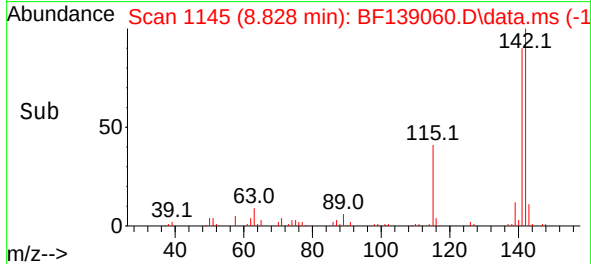
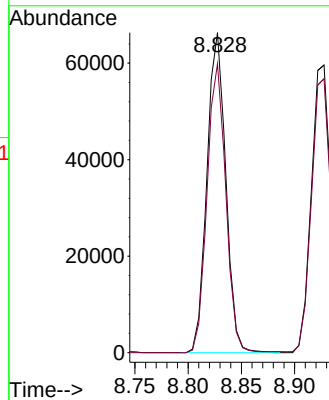
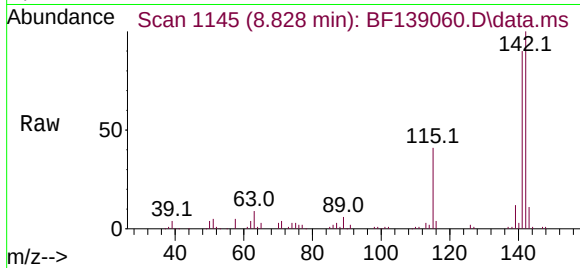
LOQ-WATER-02-QT3-2024

Tgt Ion:142 Resp: 81595

Ion Ratio Lower Upper

142 100

141 90.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 11.034 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139060.D

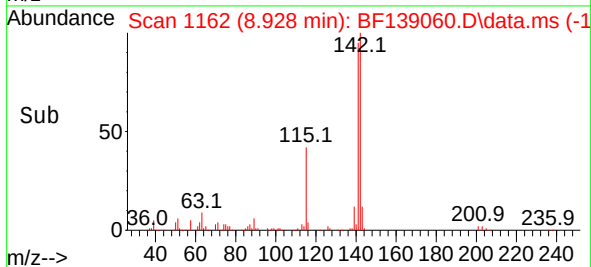
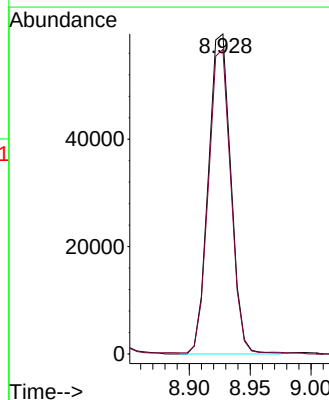
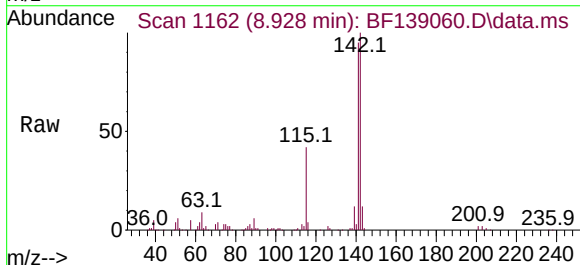
Acq: 16 Aug 2024 16:30

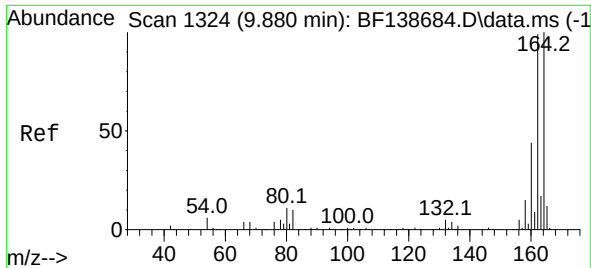
Tgt Ion:142 Resp: 76605

Ion Ratio Lower Upper

142 100

141 95.2 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1173

Delta R.T. -0.011 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

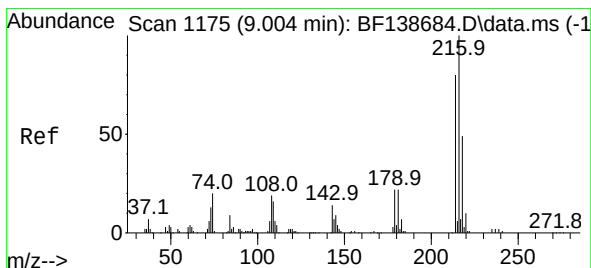
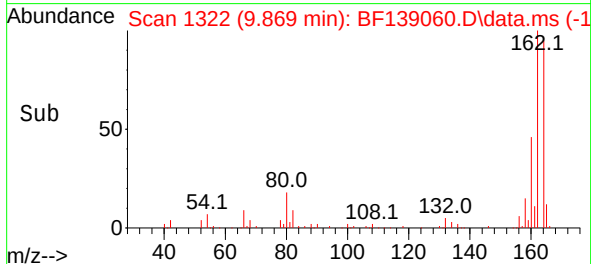
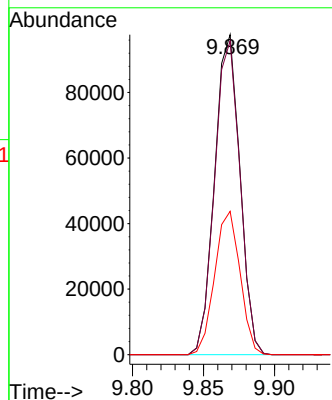
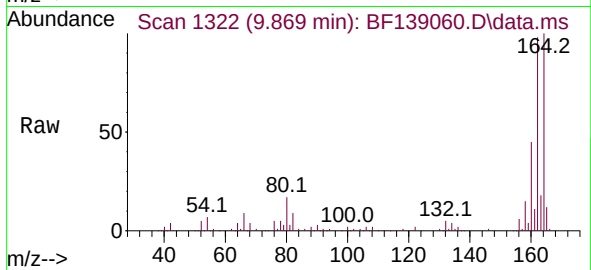
Tgt Ion:164 Resp: 120891

Ion Ratio Lower Upper

164 100

162 98.1 79.4 119.0

160 44.8 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.996 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Tgt Ion:216 Resp: 36928

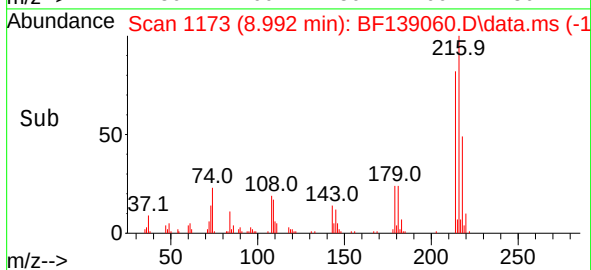
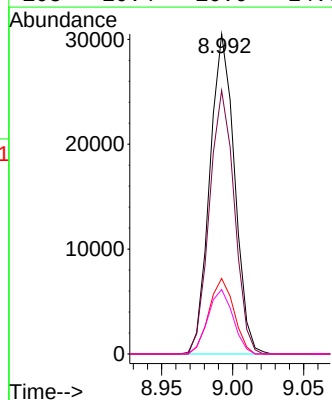
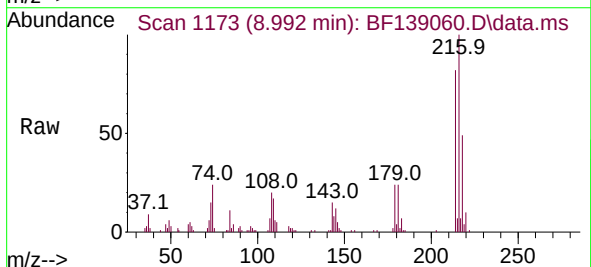
Ion Ratio Lower Upper

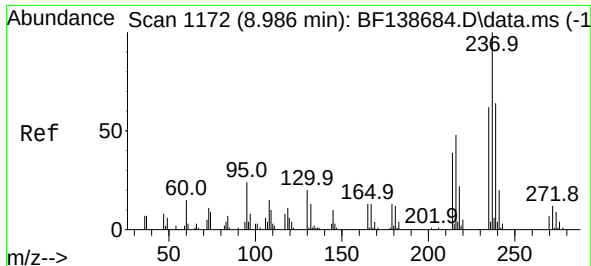
216 100

214 82.6 63.9 95.9

179 23.7 17.8 26.6

108 20.4 16.0 24.0

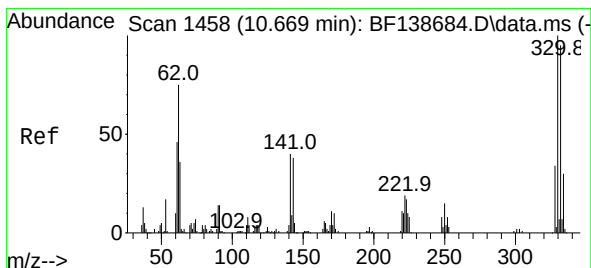
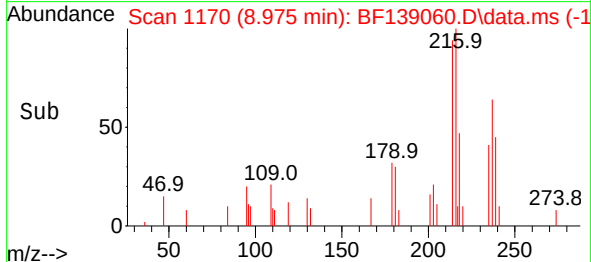
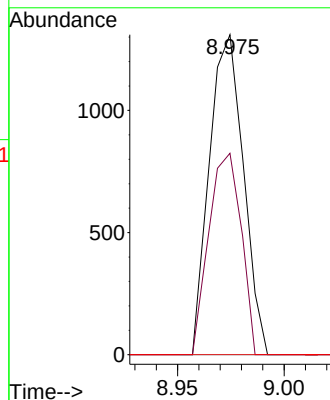
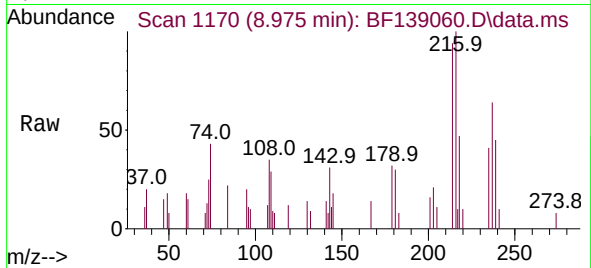




#41
Hexachlorocyclopentadiene
Concen: 8.462 ng
RT: 8.975 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

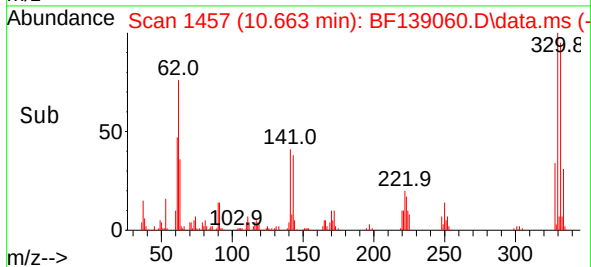
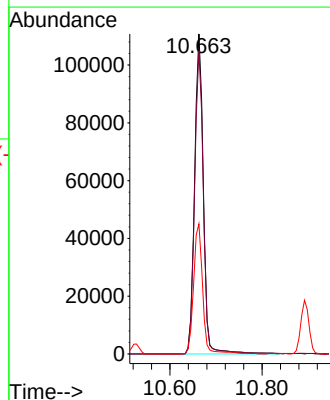
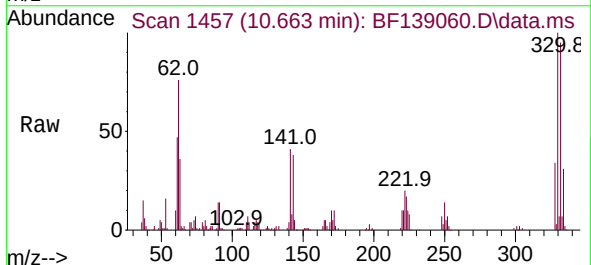
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

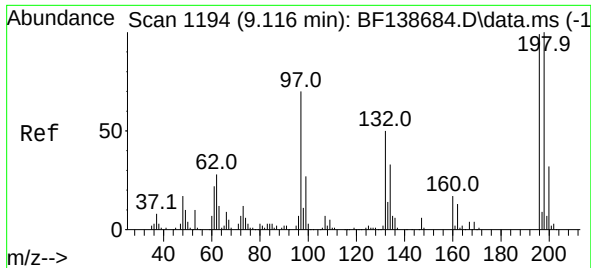
Tgt Ion:	237	Resp:	1457
Ion Ratio	Lower	Upper	
237	100		
235	63.0	41.8	81.8
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 147.767 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion:	330	Resp:	146328
Ion Ratio	Lower	Upper	
330	100		
332	94.5	76.4	114.6
141	42.0	31.1	46.7





#43

2,4,6-Trichlorophenol

Concen: 10.113 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

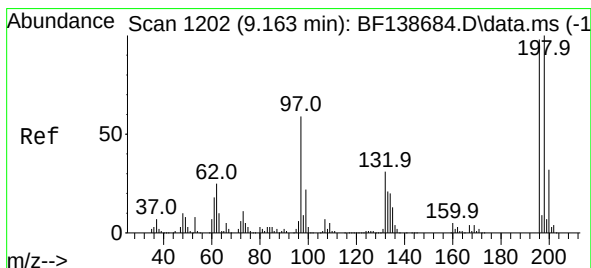
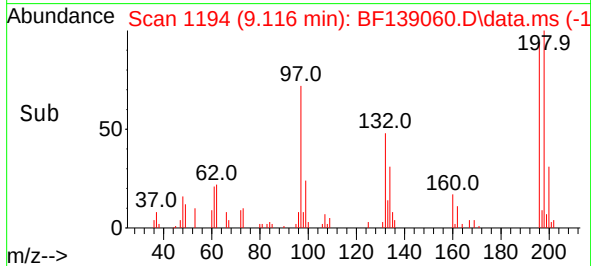
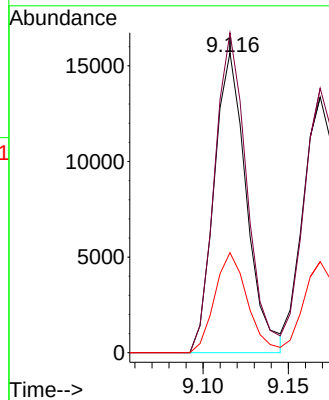
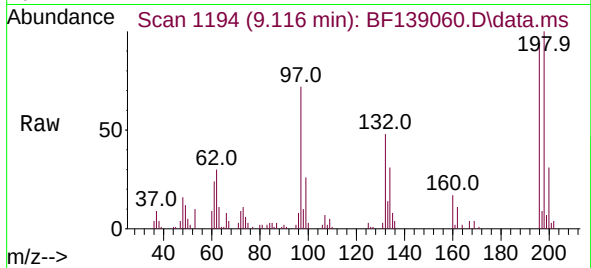
Tgt Ion:196 Resp: 20706

Ion Ratio Lower Upper

196 100

198 106.7 80.5 120.7

200 33.4 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 10.302 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Tgt Ion:196 Resp: 23059

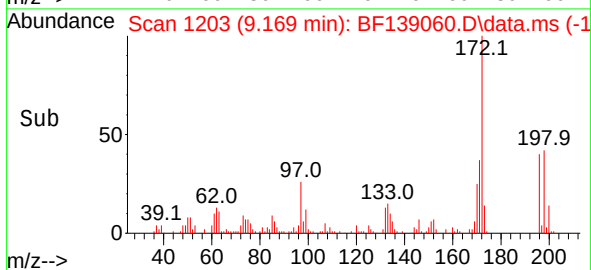
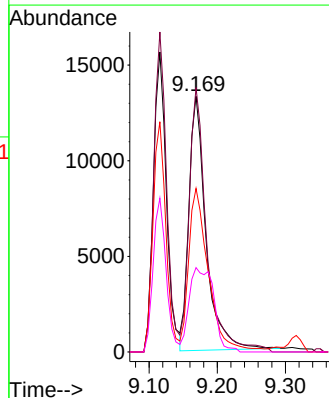
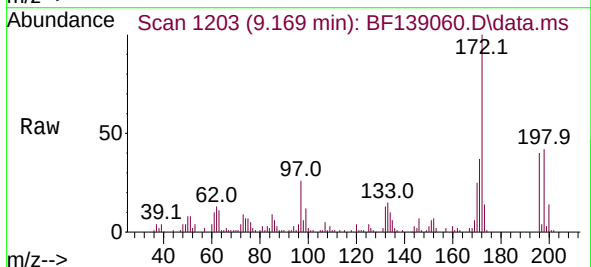
Ion Ratio Lower Upper

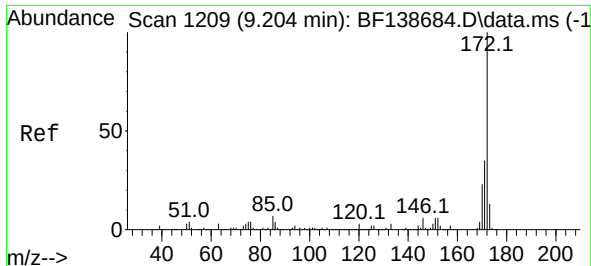
196 100

198 103.4 81.2 121.8

97 64.0 47.8 71.6

132 33.0 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 93.488 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

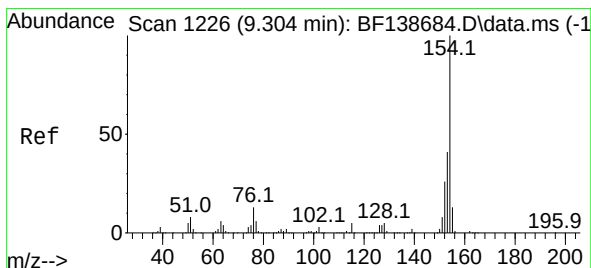
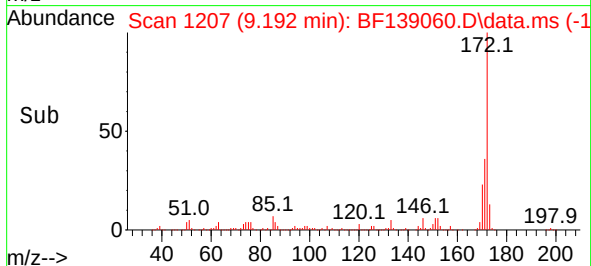
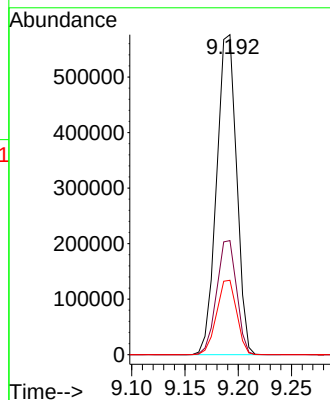
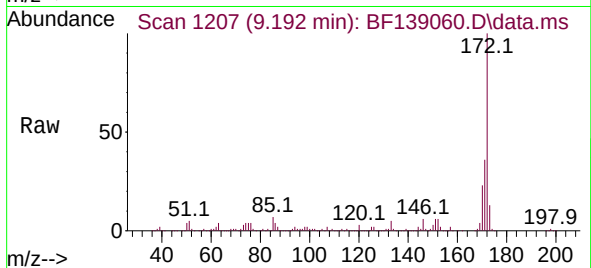
Tgt Ion:172 Resp: 752206

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.2 18.8 28.2



#46

1,1'-Biphenyl

Concen: 11.590 ng

RT: 9.286 min Scan# 1223

Delta R.T. -0.018 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

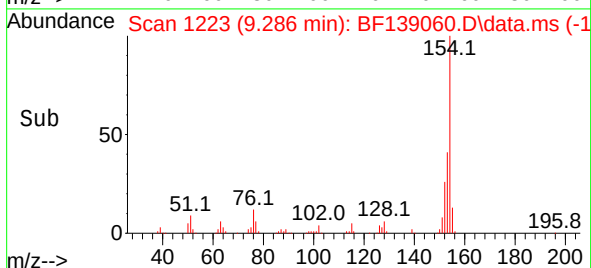
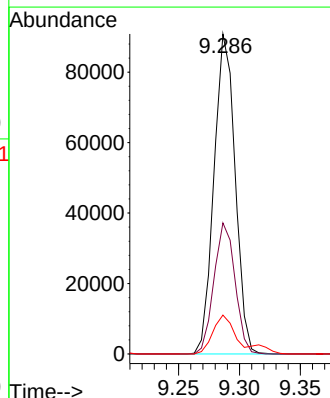
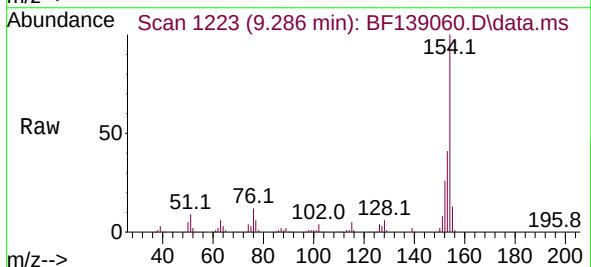
Tgt Ion:154 Resp: 109730

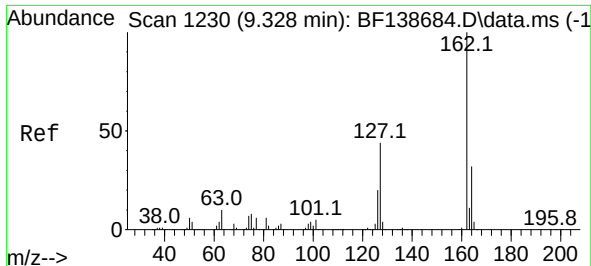
Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

76 12.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 11.150 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

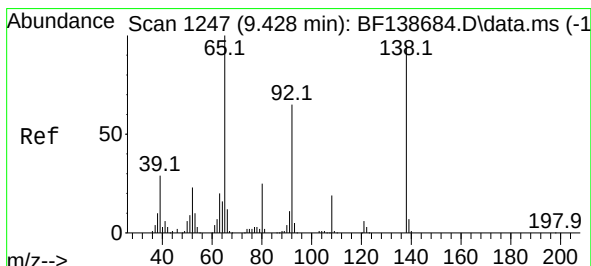
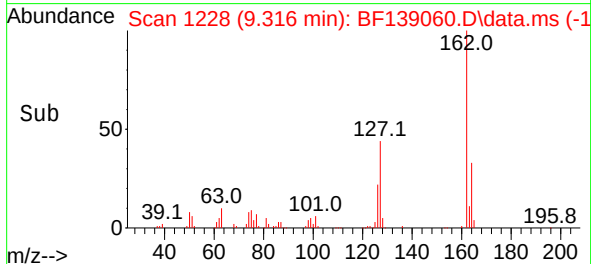
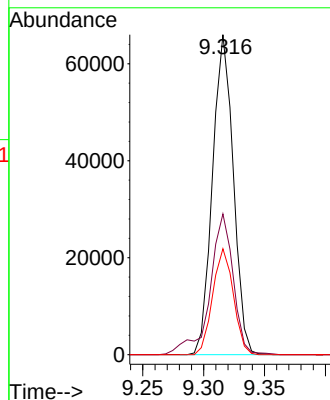
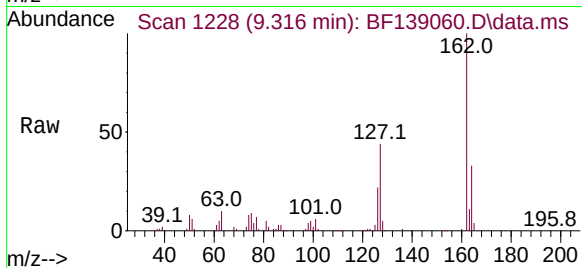
Tgt Ion:162 Resp: 78516

Ion Ratio Lower Upper

162 100

127 44.0 35.4 53.2

164 33.1 25.6 38.4



#48

2-Nitroaniline

Concen: 11.674 ng

RT: 9.422 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

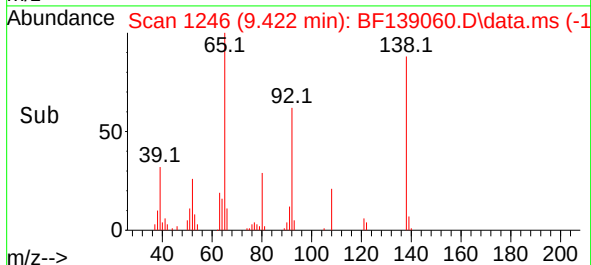
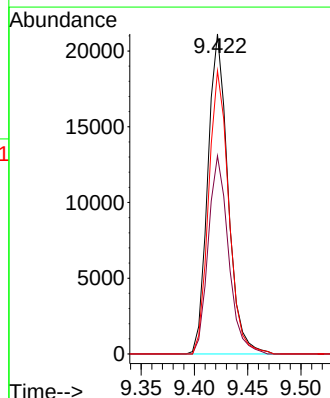
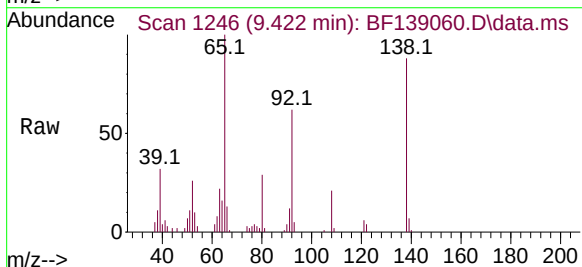
Tgt Ion: 65 Resp: 27869

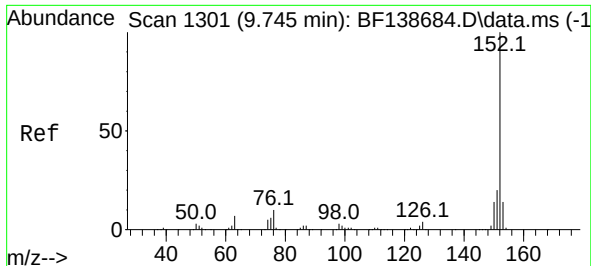
Ion Ratio Lower Upper

65 100

92 61.9 52.0 78.0

138 88.5 76.2 114.4





#49

Acenaphthylene

Concen: 12.034 ng

RT: 9.727 min Scan# 1298

Delta R.T. -0.018 min

Lab File: BF139060.D

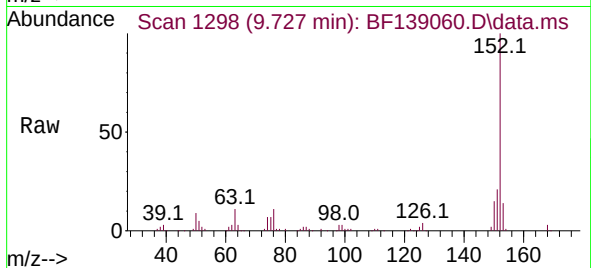
Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



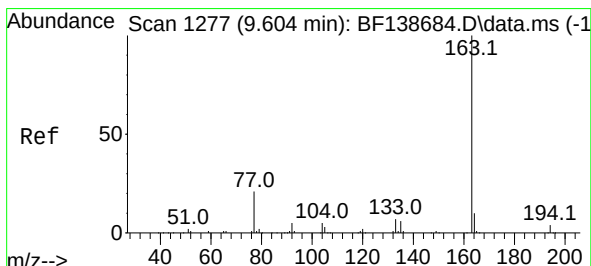
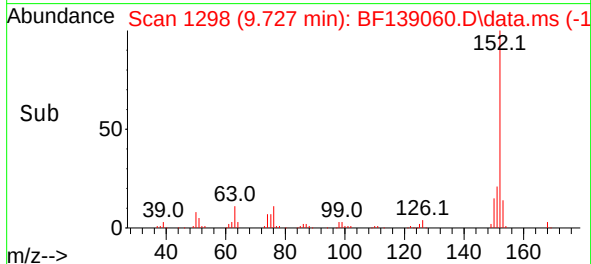
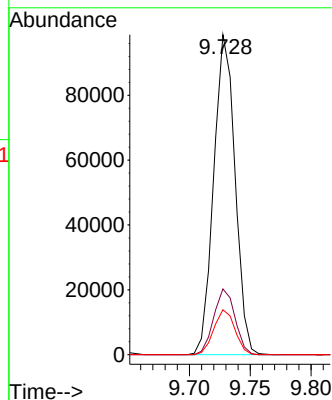
Tgt Ion:152 Resp: 120188

Ion Ratio Lower Upper

152 100

151 20.5 16.0 24.0

153 14.1 11.0 16.4



#50

Dimethylphthalate

Concen: 12.299 ng

RT: 9.586 min Scan# 1274

Delta R.T. -0.018 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

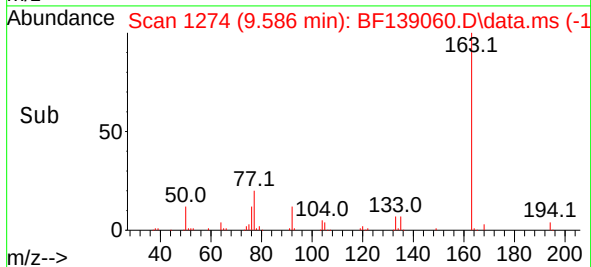
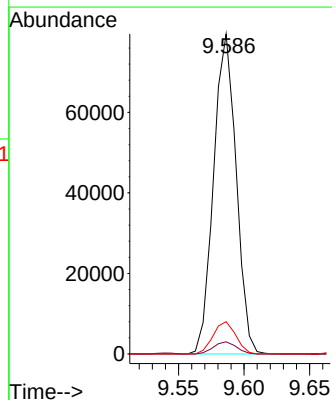
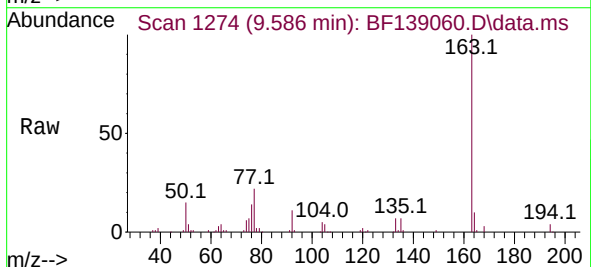
Tgt Ion:163 Resp: 95074

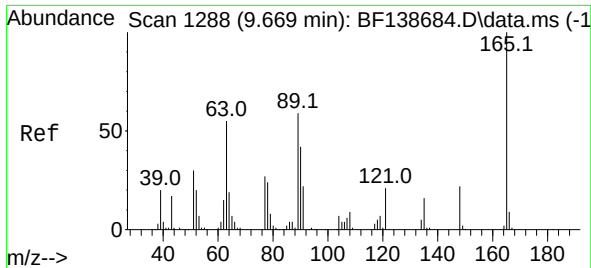
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 7.8 11.8

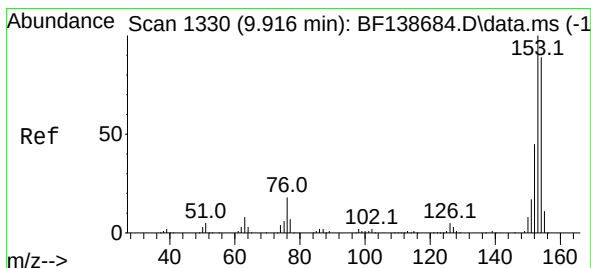
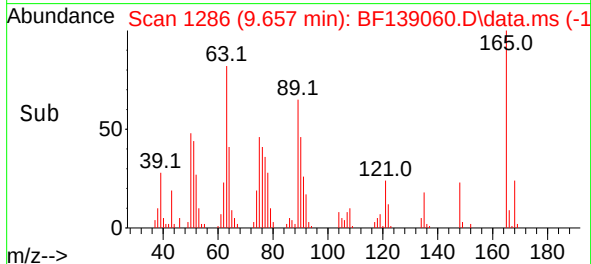
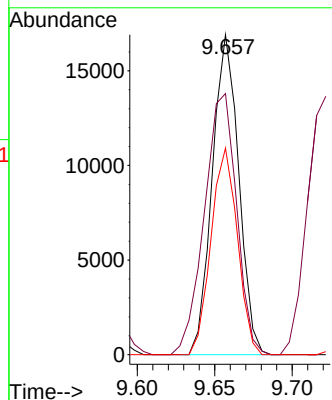
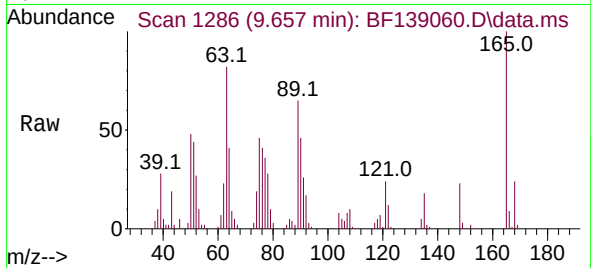




#51
2,6-Dinitrotoluene
Concen: 11.496 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

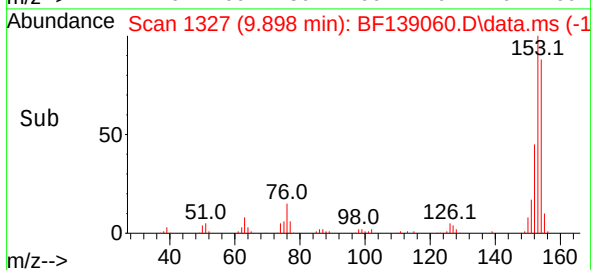
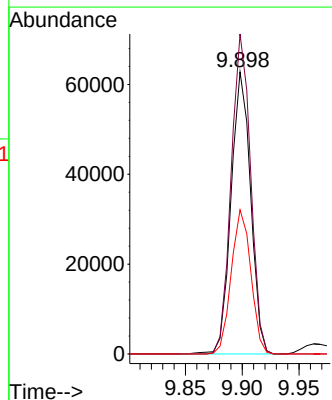
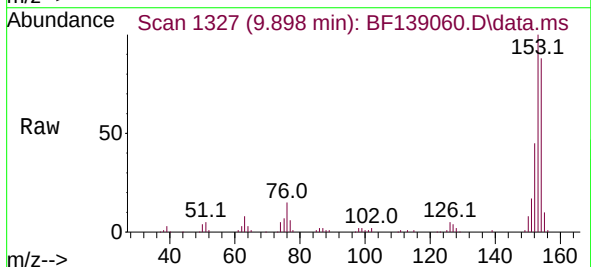
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

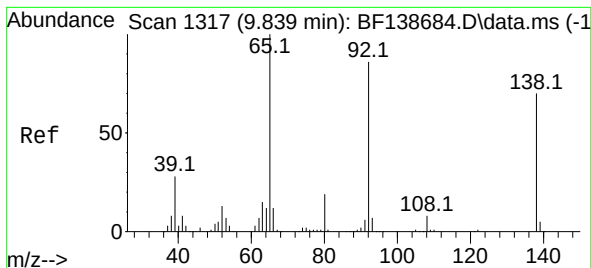
Tgt Ion:165 Resp: 20054
Ion Ratio Lower Upper
165 100
63 81.6 52.0 78.0#
89 64.6 47.0 70.6



#52
Acenaphthene
Concen: 11.183 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion:154 Resp: 75078
Ion Ratio Lower Upper
154 100
153 113.5 89.9 134.9
152 51.1 40.6 60.8





#53

3-Nitroaniline

Concen: 11.165 ng

RT: 9.833 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

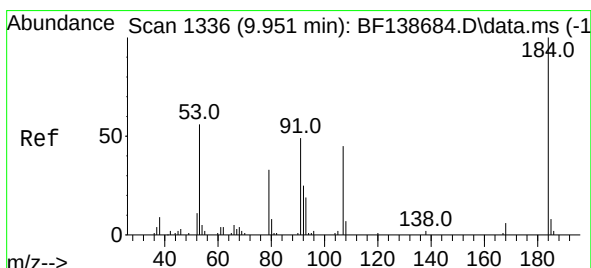
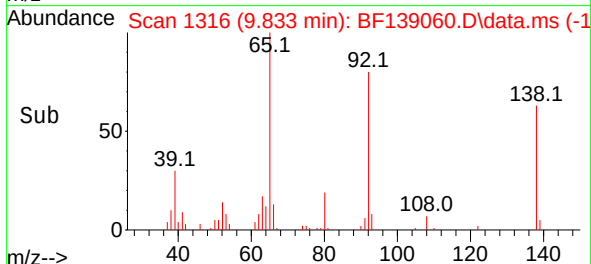
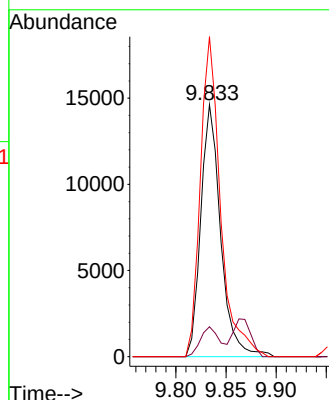
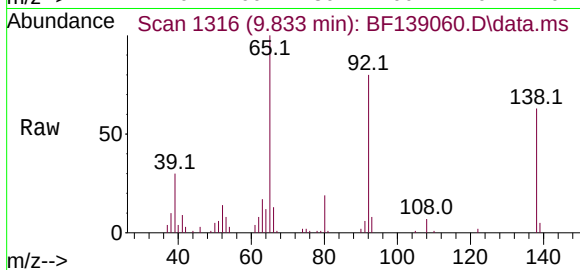
Tgt Ion:138 Resp: 20136

Ion Ratio Lower Upper

138 100

108 11.9 9.1 13.7

92 127.0 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 11.008 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

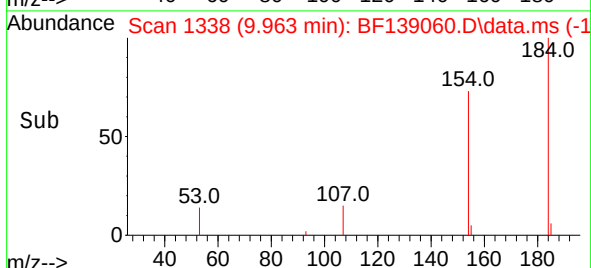
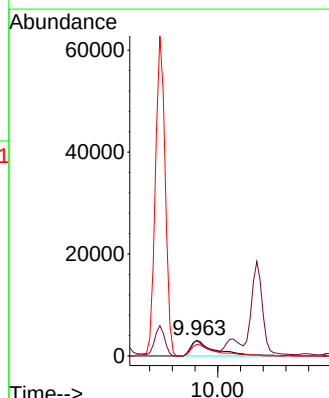
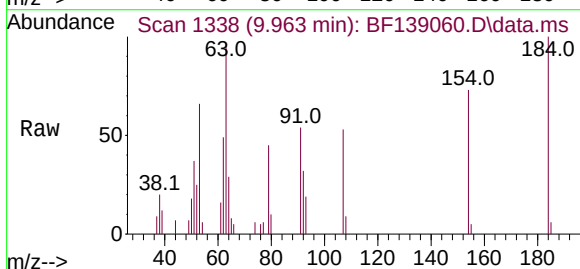
Tgt Ion:184 Resp: 8840

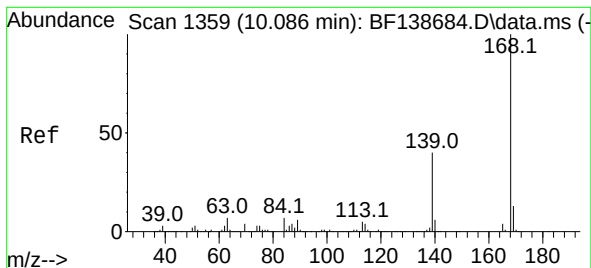
Ion Ratio Lower Upper

184 100

63 96.5 57.5 86.3#

154 73.5 51.7 77.5





#55

Dibenzenofuran

Concen: 11.756 ng

RT: 10.075 min Scan# 1357

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

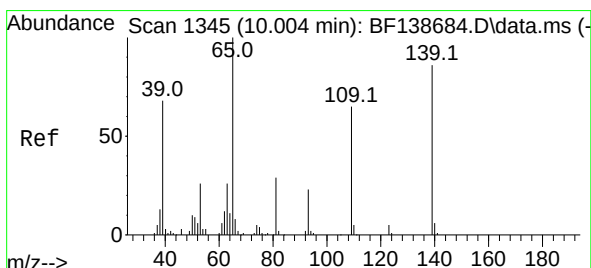
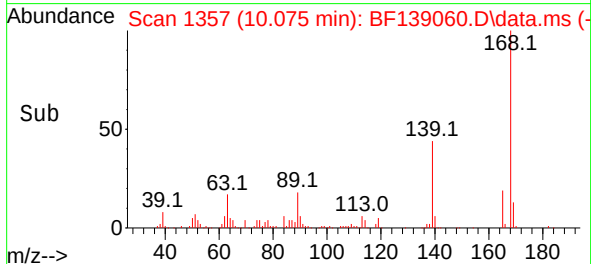
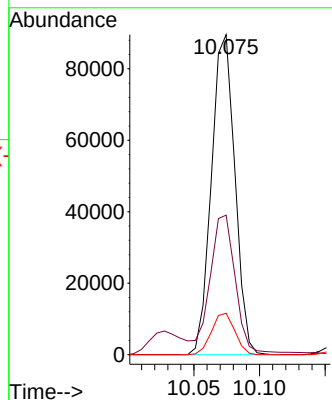
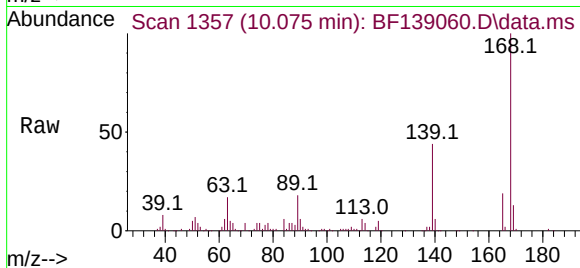
Tgt Ion:168 Resp: 111408

Ion Ratio Lower Upper

168 100

139 43.6 32.6 49.0

169 13.0 10.7 16.1



#56

4-Nitrophenol

Concen: 10.552 ng

RT: 10.027 min Scan# 1349

Delta R.T. 0.023 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

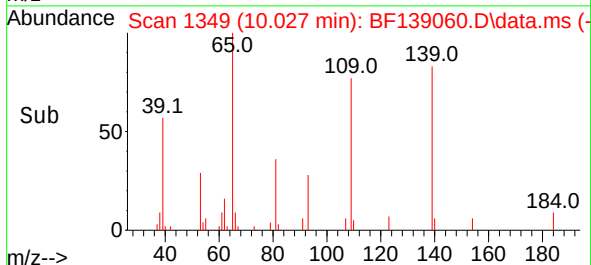
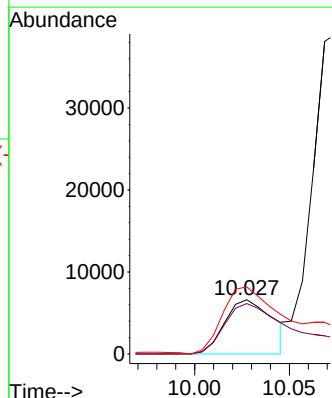
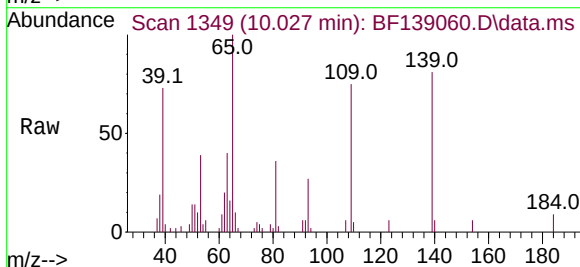
Tgt Ion:139 Resp: 11444

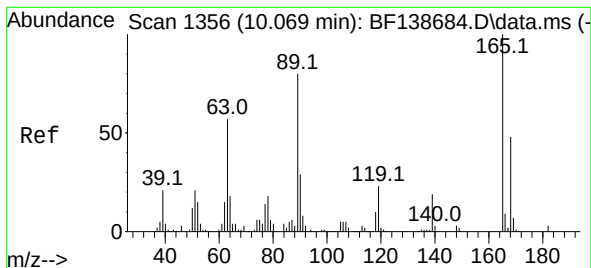
Ion Ratio Lower Upper

139 100

109 92.7 55.5 95.5

65 123.5 96.7 136.7





#57

2,4-Dinitrotoluene

Concen: 11.821 ng

RT: 10.069 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:165 Resp: 26309

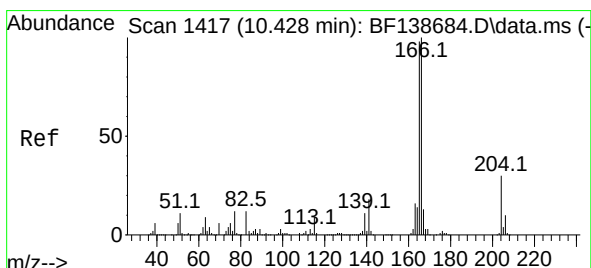
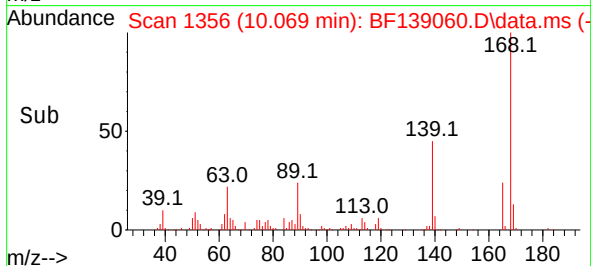
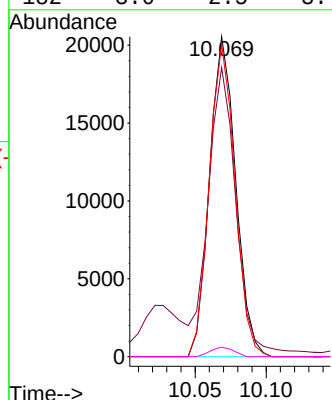
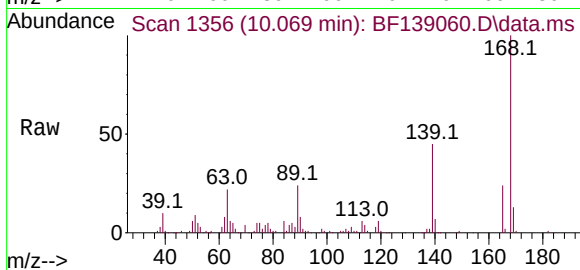
Ion Ratio Lower Upper

165 100

63 90.3 46.3 69.5#

89 97.7 64.2 96.4#

182 3.0 2.5 3.7



#58

Fluorene

Concen: 11.987 ng

RT: 10.416 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

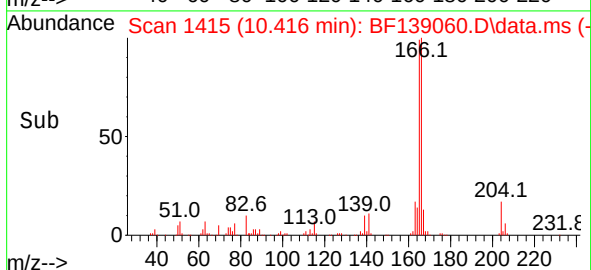
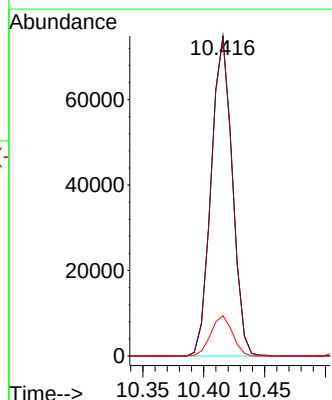
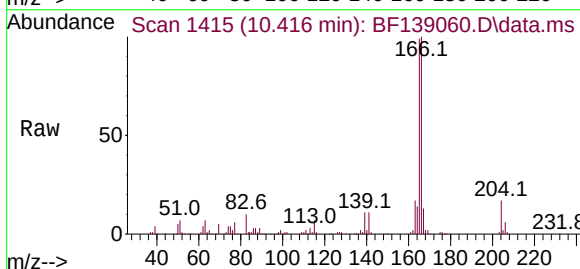
Tgt Ion:166 Resp: 90466

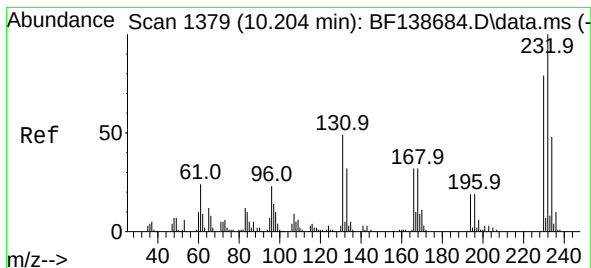
Ion Ratio Lower Upper

166 100

165 99.2 78.4 117.6

167 12.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 11.299 ng

RT: 10.204 min Scan# 1379

Delta R.T. -0.000 min

Lab File: BF139060.D

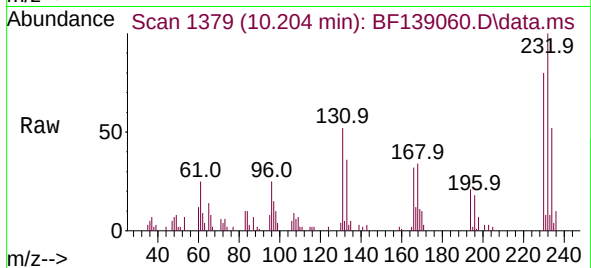
Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:232 Resp: 19335

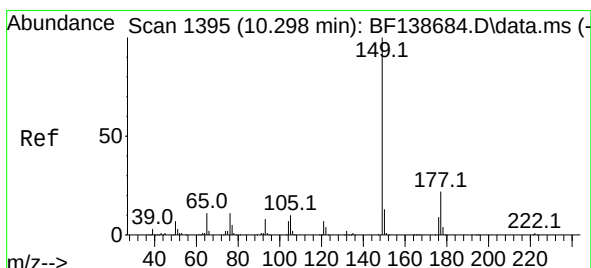
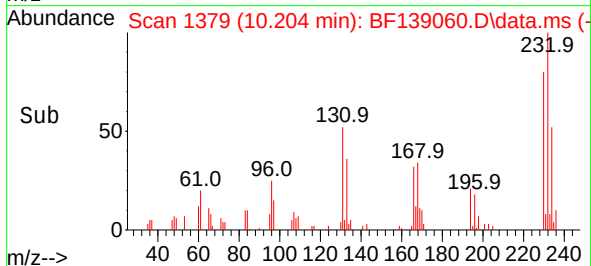
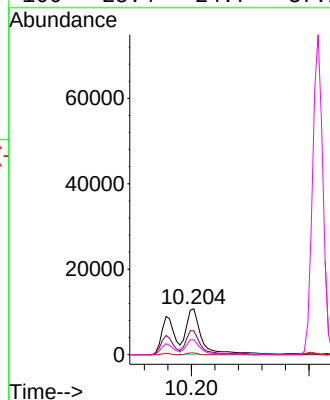
Ion Ratio Lower Upper

232 100

131 49.5 37.0 55.4

130 2.4 2.0 3.0

166 28.4 24.7 37.1



#60

Diethylphthalate

Concen: 12.736 ng

RT: 10.286 min Scan# 1393

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

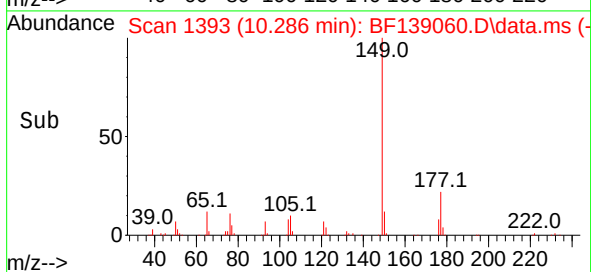
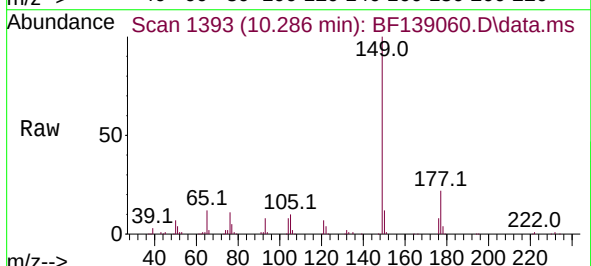
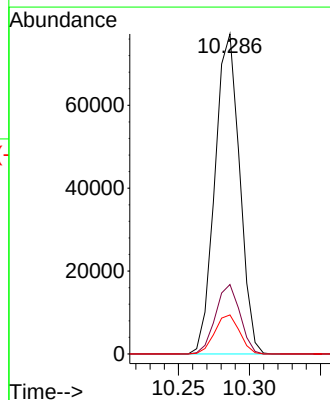
Tgt Ion:149 Resp: 93344

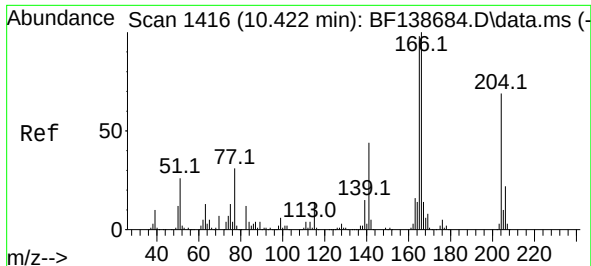
Ion Ratio Lower Upper

149 100

177 21.7 17.8 26.8

150 12.2 10.1 15.1

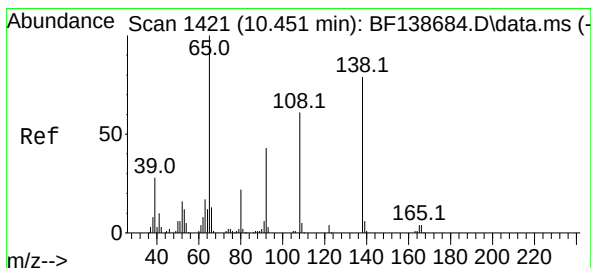
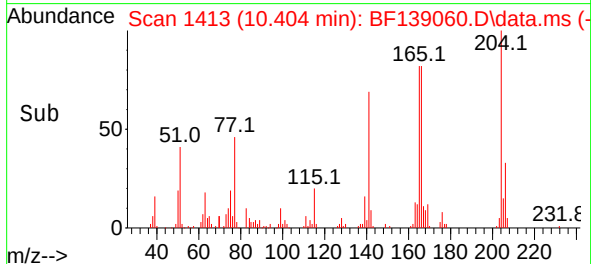
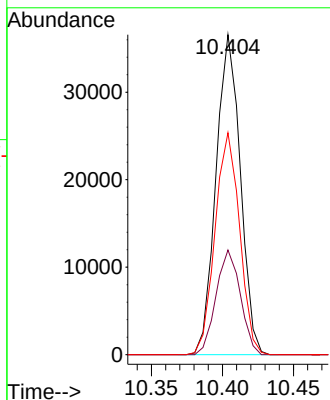
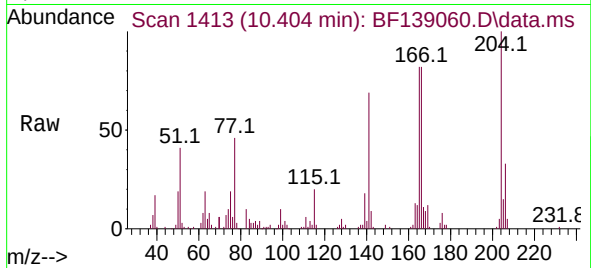




#61
4-Chlorophenyl-phenylether
Concen: 11.723 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

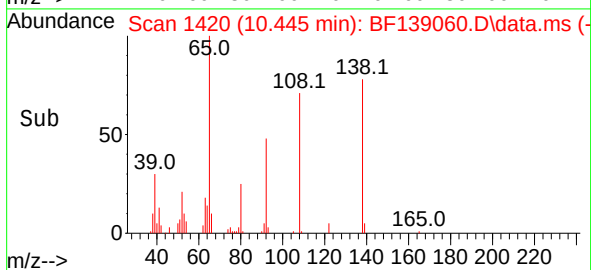
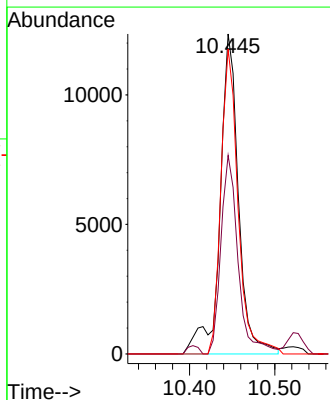
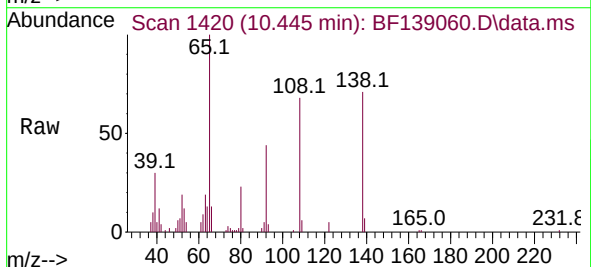
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

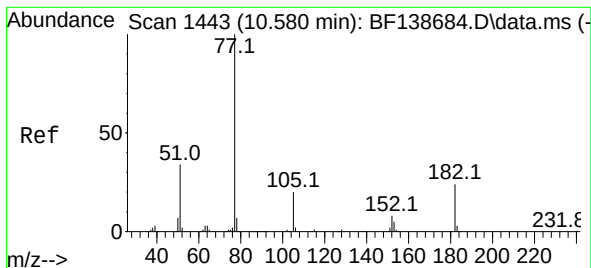
Tgt Ion:204 Resp: 43510
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 69.3 51.4 77.0



#62
4-Nitroaniline
Concen: 10.848 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion:138 Resp: 18591
Ion Ratio Lower Upper
138 100
92 62.0 34.2 74.2
108 95.3 56.2 96.2





#63

Azobenzene

Concen: 11.913 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.018 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion: 77 Resp: 96842

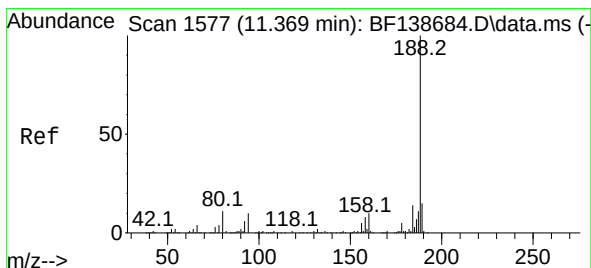
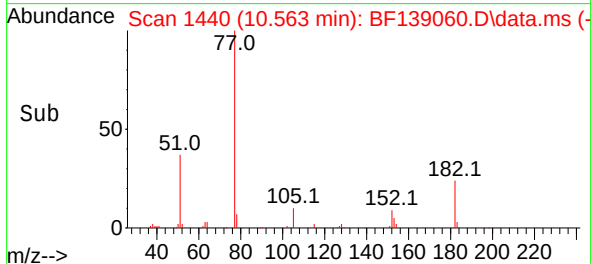
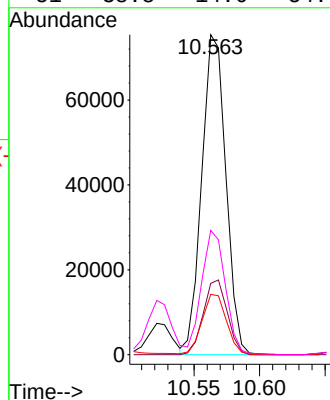
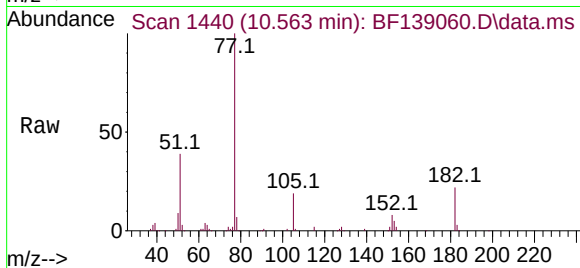
Ion Ratio Lower Upper

77 100

182 22.3 3.4 43.4

105 18.8 0.2 40.2

51 38.8 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1575

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

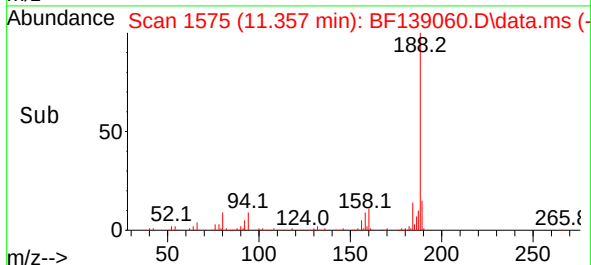
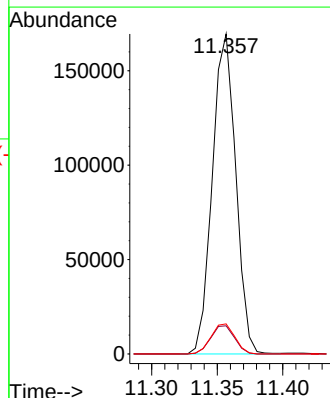
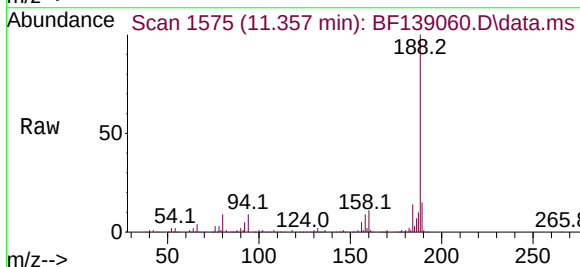
Tgt Ion: 188 Resp: 210411

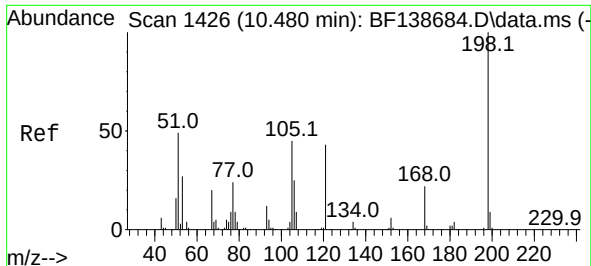
Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.4 8.6 12.8

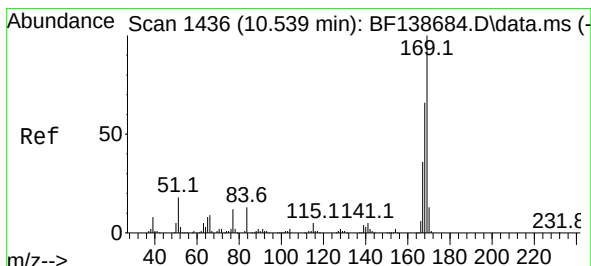
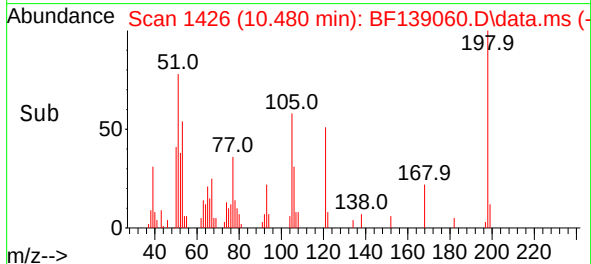
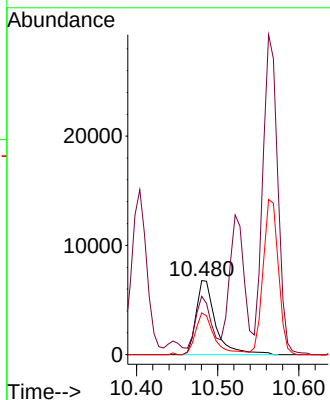
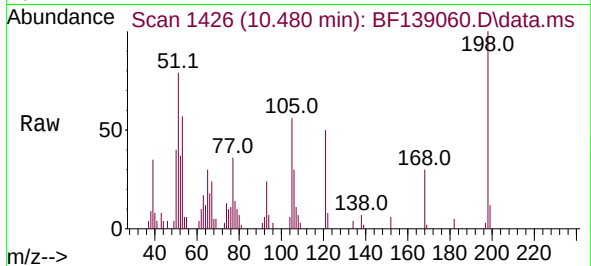




#65
4,6-Dinitro-2-methylphenol
Concen: 8.827 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

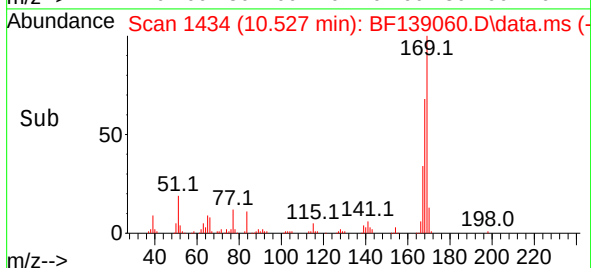
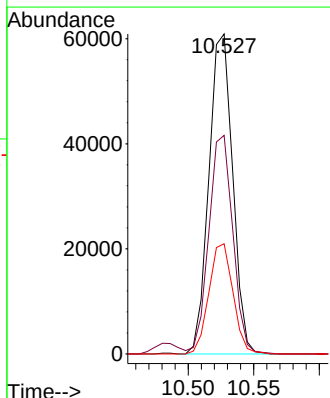
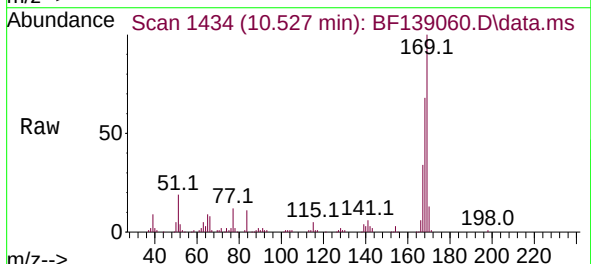
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

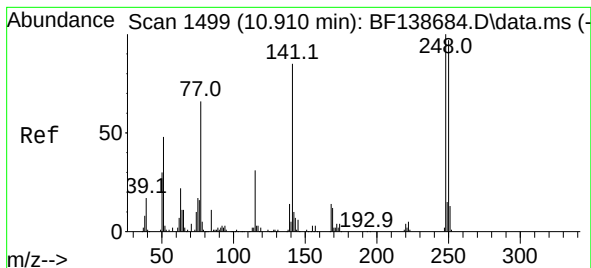
Tgt Ion:198 Resp: 11331
Ion Ratio Lower Upper
198 100
51 78.8 39.9 79.9
105 56.4 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 11.674 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion:169 Resp: 76778
Ion Ratio Lower Upper
169 100
168 68.3 53.0 79.6
167 34.5 29.0 43.6

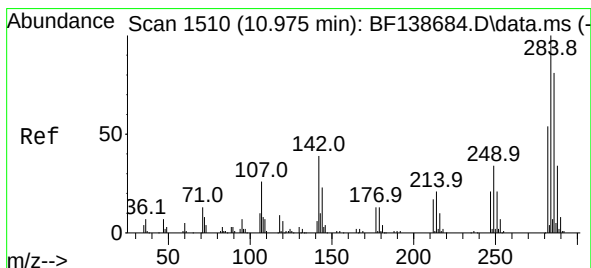
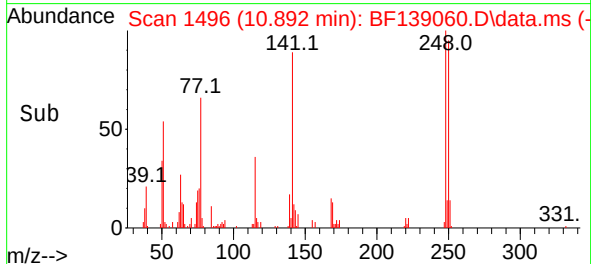
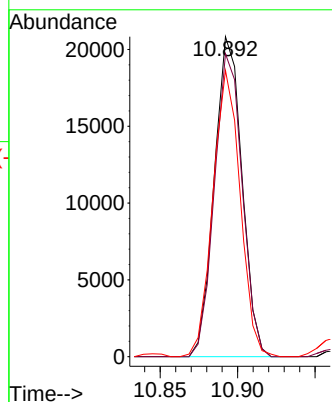
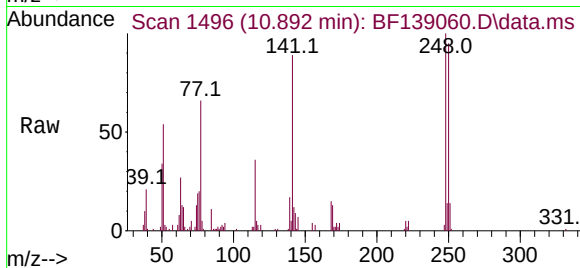




#67
4-Bromophenyl-phenylether
Concen: 11.343 ng
RT: 10.892 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

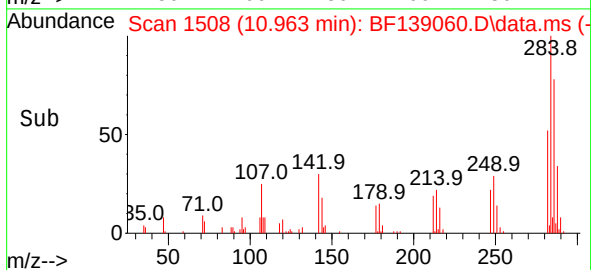
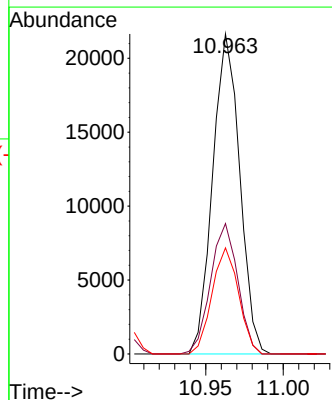
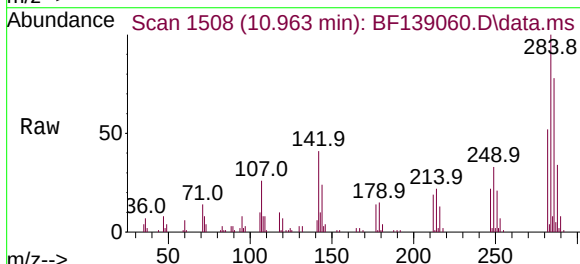
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

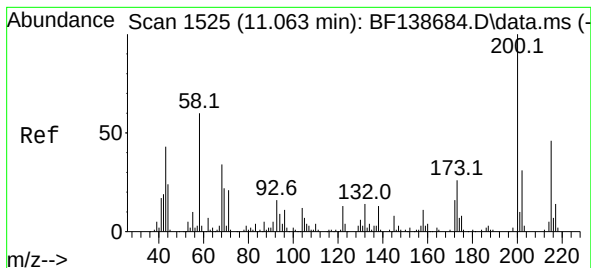
Tgt Ion:	248	Resp:	25840
Ion Ratio	Lower	Upper	
248	100		
250	94.7	77.7	116.5
141	89.4	68.0	102.0



#68
Hexachlorobenzene
Concen: 11.146 ng
RT: 10.963 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion:	284	Resp:	26218
Ion Ratio	Lower	Upper	
284	100		
142	40.8	31.3	46.9
249	33.2	27.2	40.8





#69

Atrazine

Concen: 14.478 ng

RT: 11.051 min Scan# 1523

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

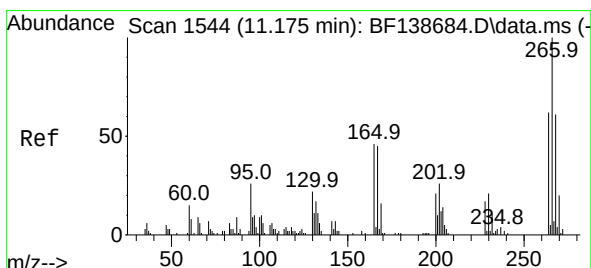
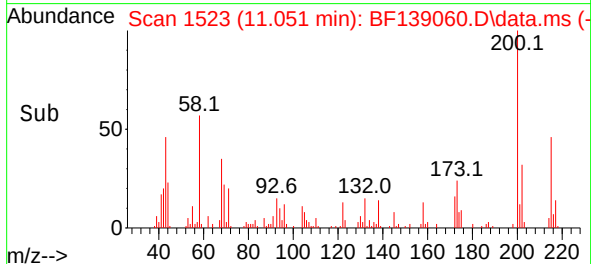
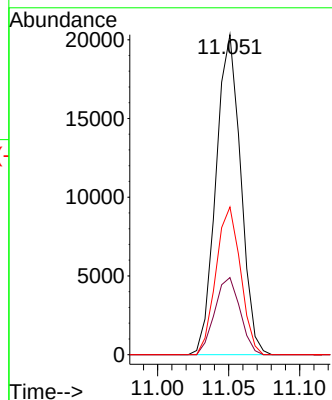
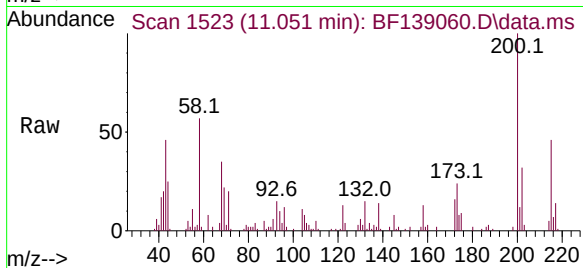
Tgt Ion:200 Resp: 24568

Ion Ratio Lower Upper

200 100

173 24.1 6.0 46.0

215 46.1 26.1 66.1



#70

Pentachlorophenol

Concen: 11.191 ng

RT: 11.174 min Scan# 1544

Delta R.T. -0.001 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

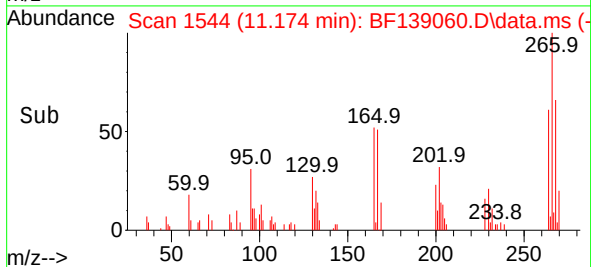
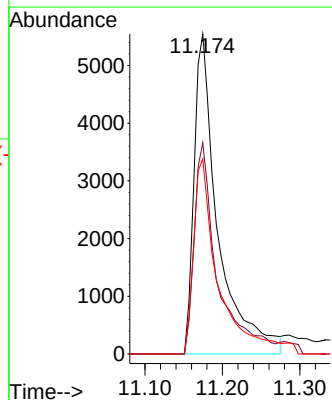
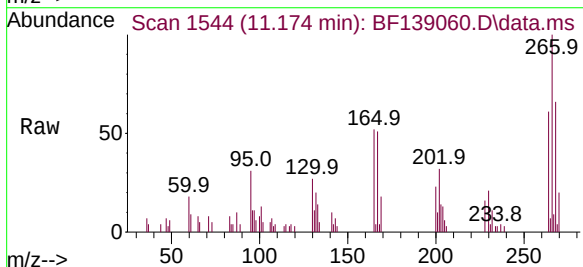
Tgt Ion:266 Resp: 11865

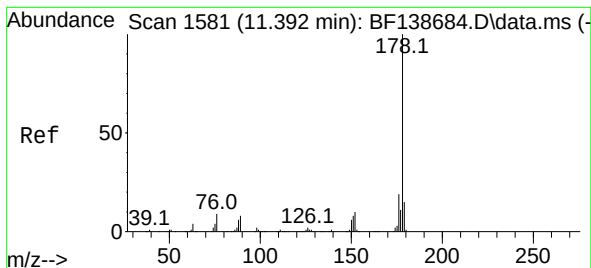
Ion Ratio Lower Upper

266 100

268 66.0 49.2 73.8

264 61.0 49.8 74.6





#71

Phenanthrene

Concen: 11.830 ng

RT: 11.380 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

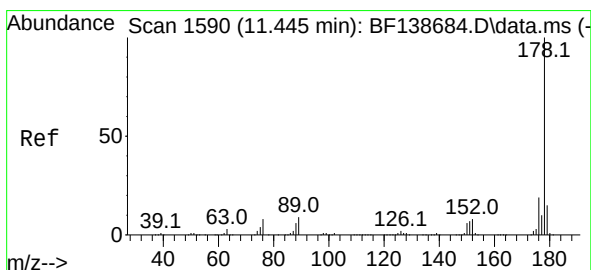
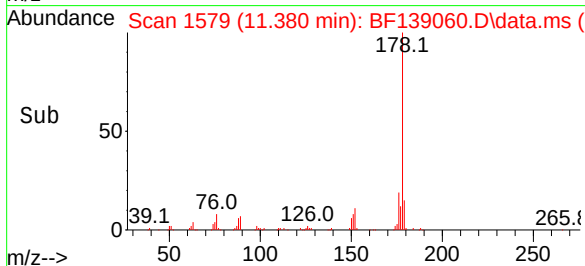
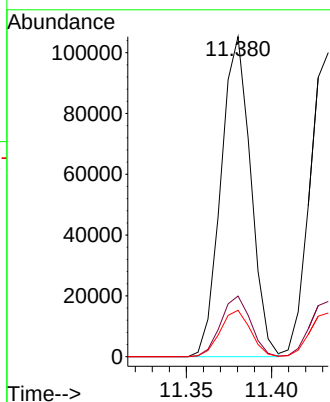
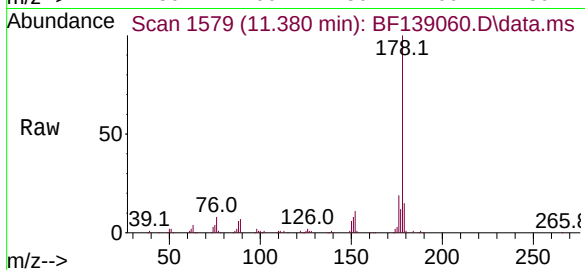
Tgt Ion:178 Resp: 128174

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 14.5 12.2 18.2



#72

Anthracene

Concen: 11.904 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

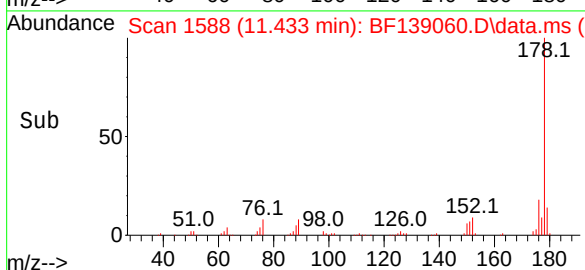
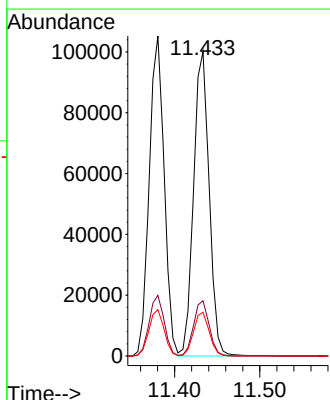
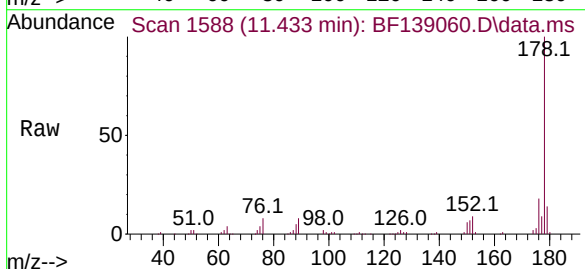
Tgt Ion:178 Resp: 127061

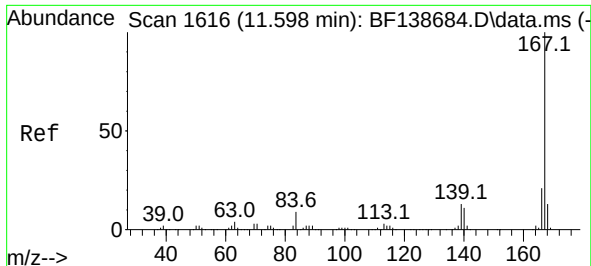
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 14.4 12.4 18.6

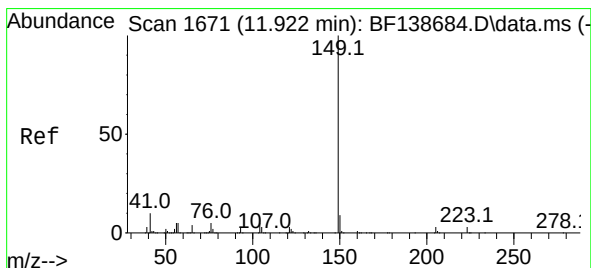
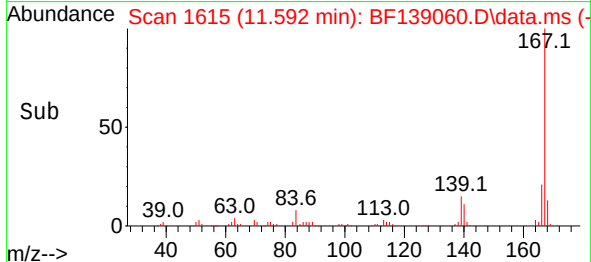
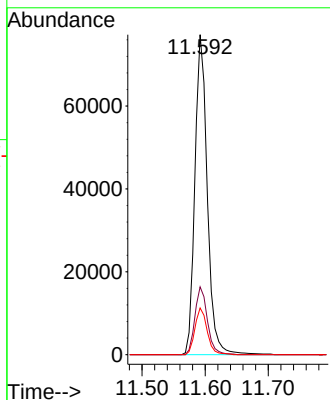
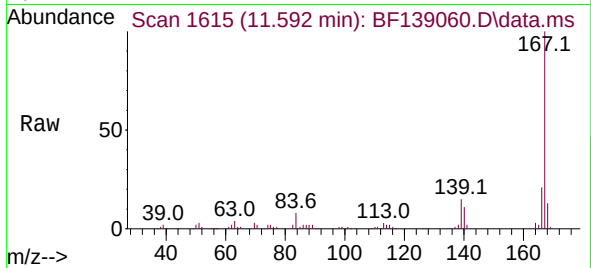




#73
Carbazole
Concen: 11.422 ng
RT: 11.592 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

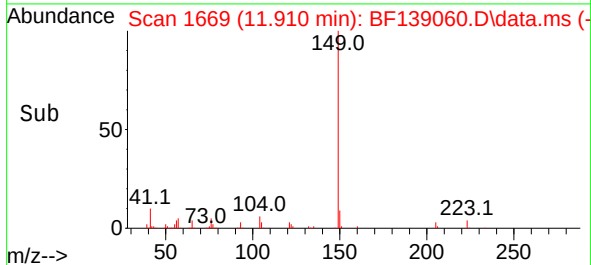
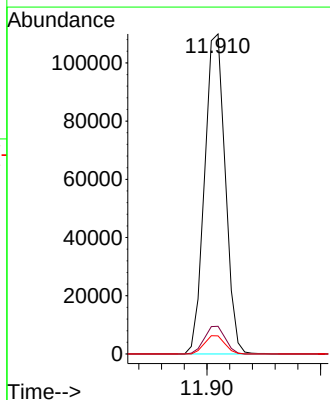
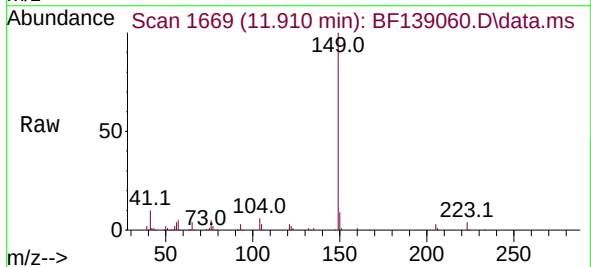
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

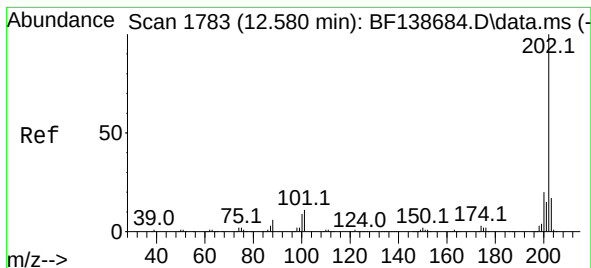
Tgt Ion:167 Resp: 105181
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 14.6 10.6 16.0



#74
Di-n-butylphthalate
Concen: 13.401 ng
RT: 11.910 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion:149 Resp: 138729
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.0
104 5.7 4.1 6.1





#75

Fluoranthene

Concen: 12.067 ng

RT: 12.568 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

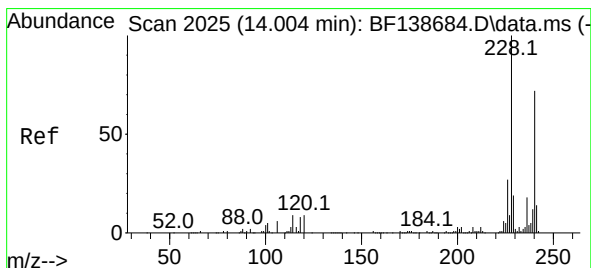
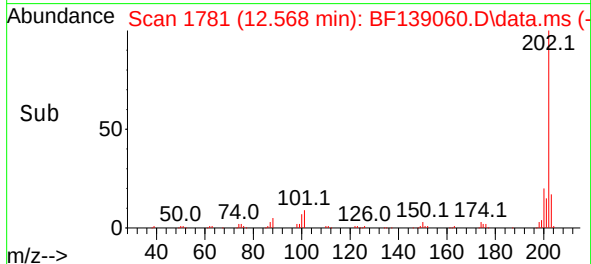
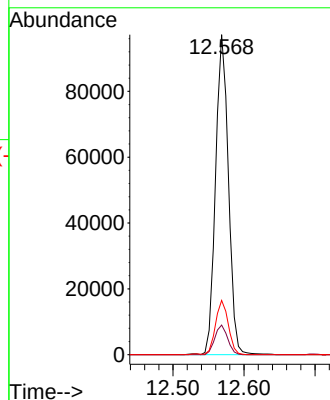
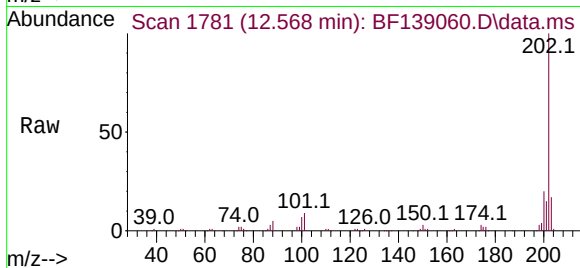
Tgt Ion:202 Resp: 122049

Ion Ratio Lower Upper

202 100

101 9.2 0.0 31.2

203 17.0 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

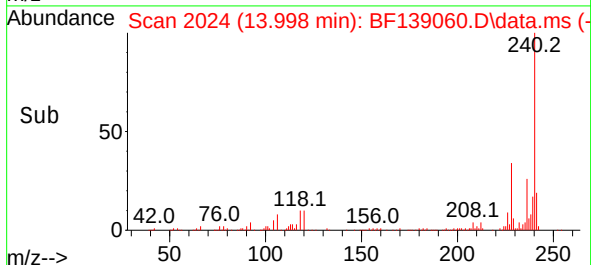
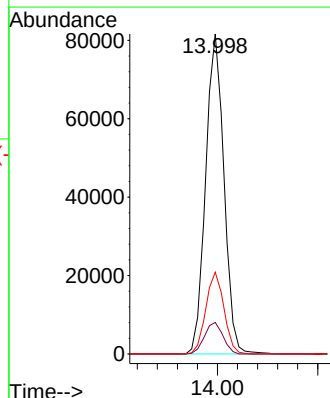
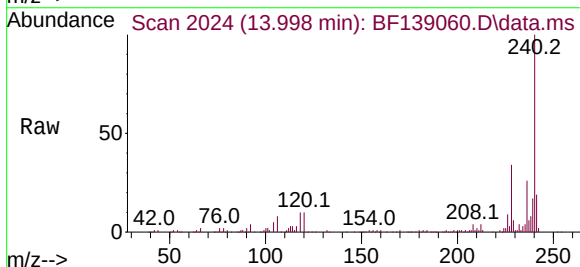
Tgt Ion:240 Resp: 103768

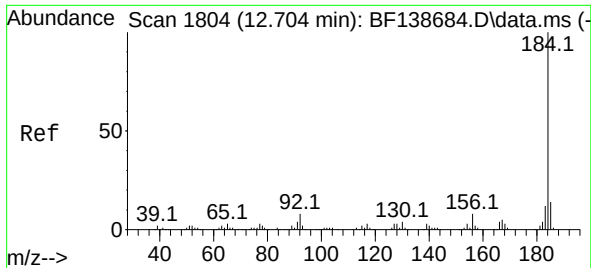
Ion Ratio Lower Upper

240 100

120 9.9 10.2 15.4#

236 25.5 19.8 29.8

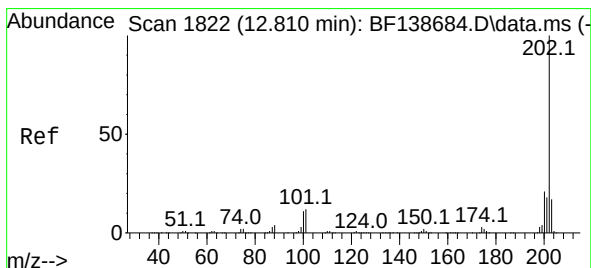
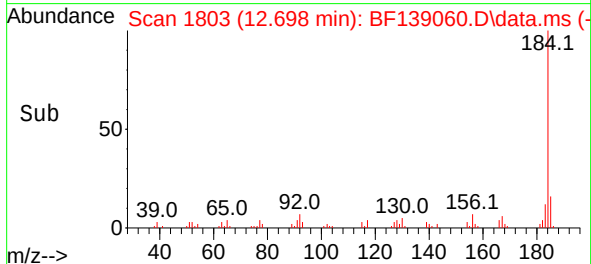
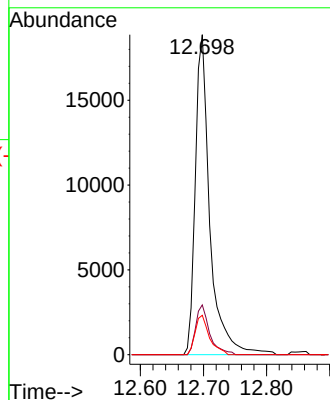
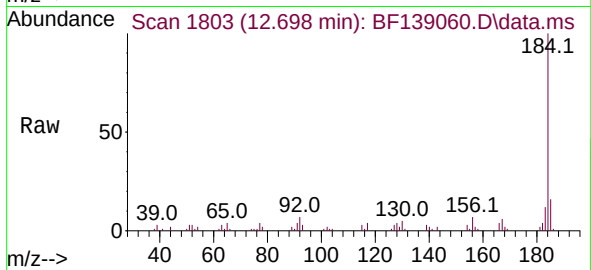




#77
Benzidine
Concen: 12.171 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

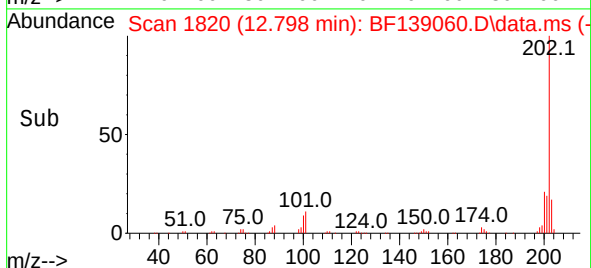
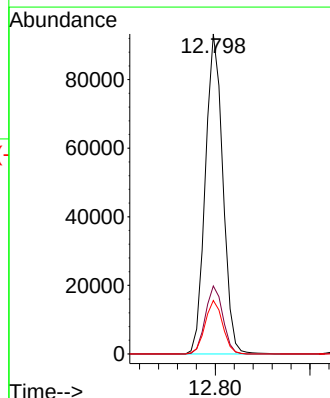
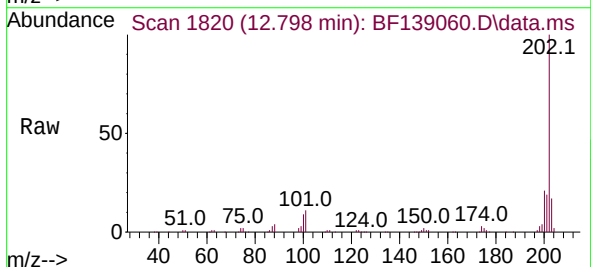
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

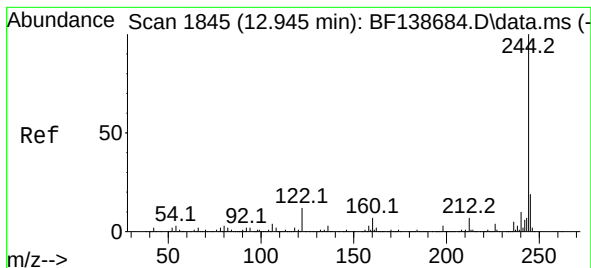
Tgt Ion:184 Resp: 30208
Ion Ratio Lower Upper
184 100
185 15.5 11.1 16.7
183 12.3 9.6 14.4



#78
Pyrene
Concen: 12.210 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF139060.D
Acq: 16 Aug 2024 16:30

Tgt Ion:202 Resp: 119291
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 16.7 13.8 20.6





#79

Terphenyl-d14

Concen: 112.863 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

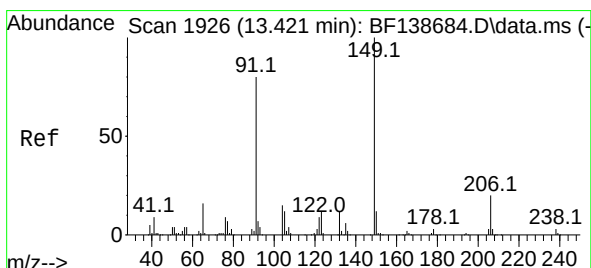
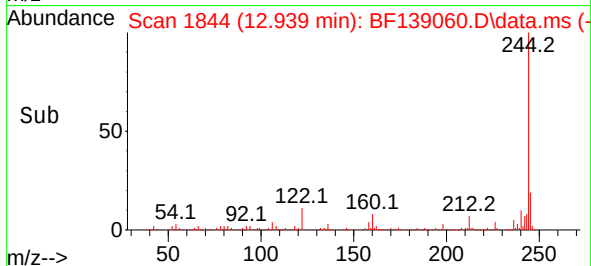
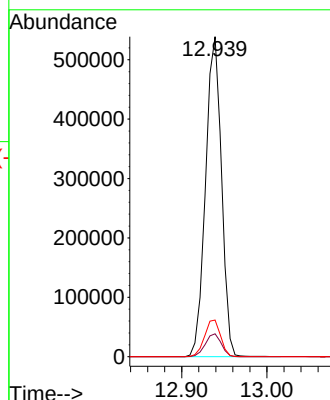
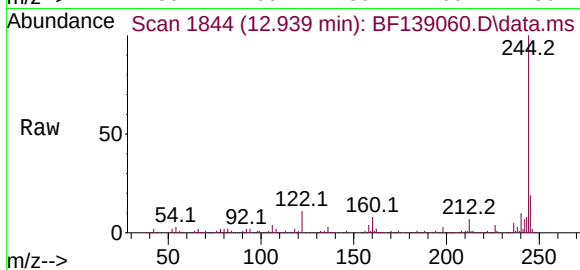
Tgt Ion:244 Resp: 699506

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.4 9.6 14.4



#80

Butylbenzylphthalate

Concen: 12.745 ng

RT: 13.404 min Scan# 1923

Delta R.T. -0.018 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

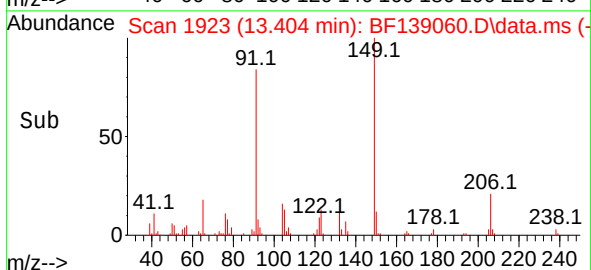
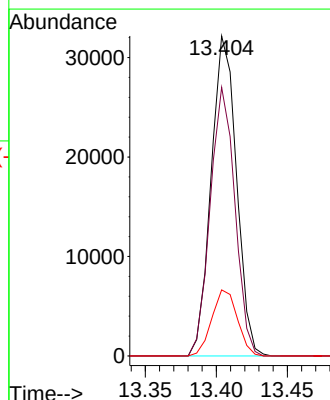
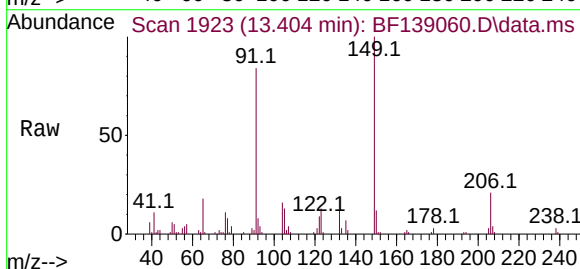
Tgt Ion:149 Resp: 39875

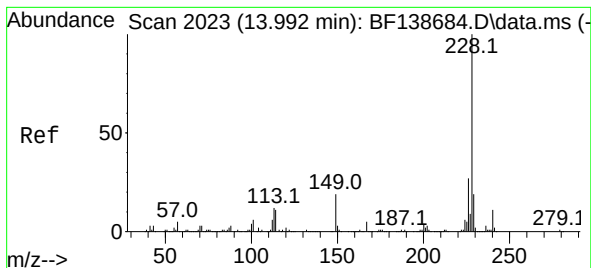
Ion Ratio Lower Upper

149 100

91 84.0 63.7 95.5

206 20.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 11.467 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

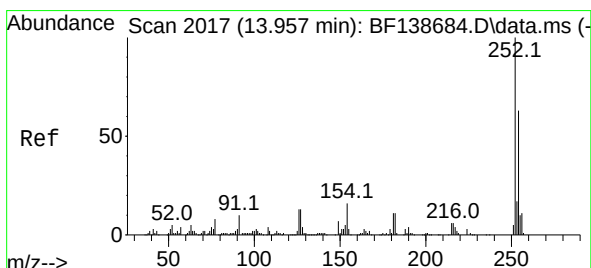
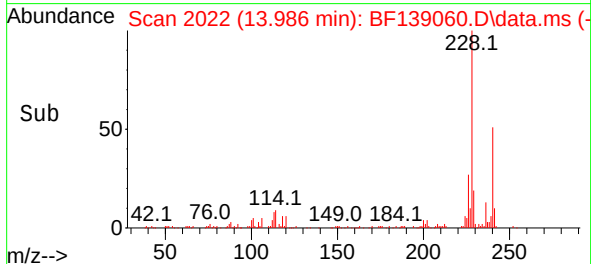
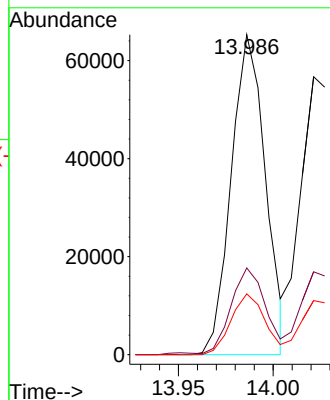
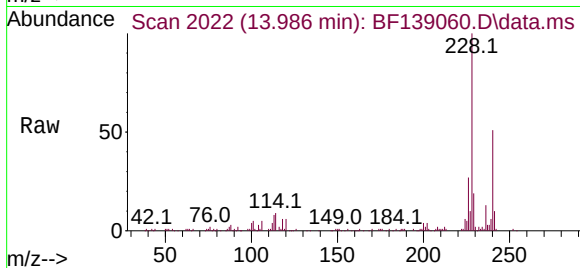
Tgt Ion:228 Resp: 81937

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.0 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 13.071 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

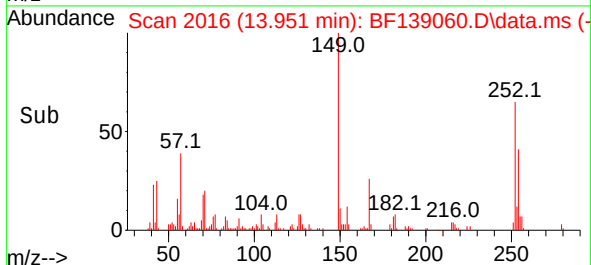
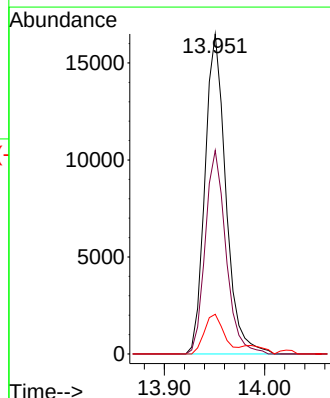
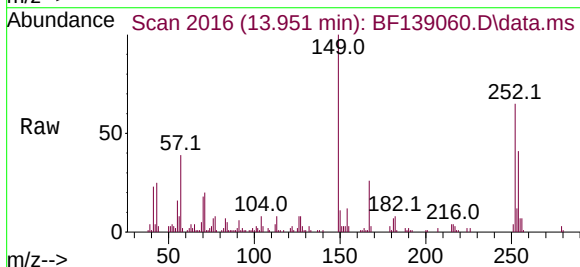
Tgt Ion:252 Resp: 23901

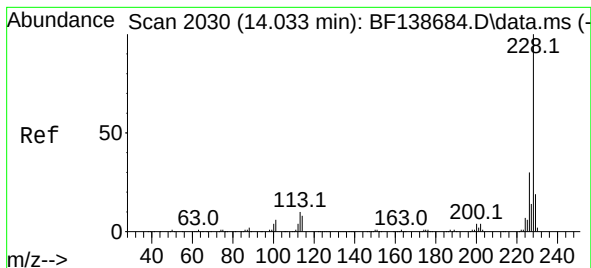
Ion Ratio Lower Upper

252 100

254 63.6 50.8 76.2

126 12.4 10.2 15.2





#83

Chrysene

Concen: 11.796 ng

RT: 14.021 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

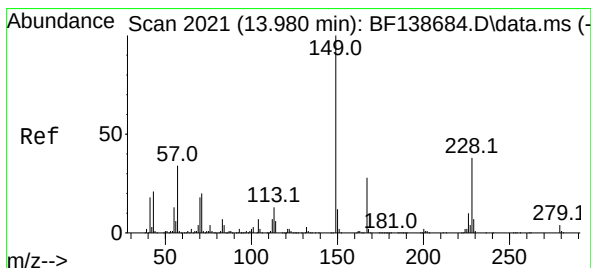
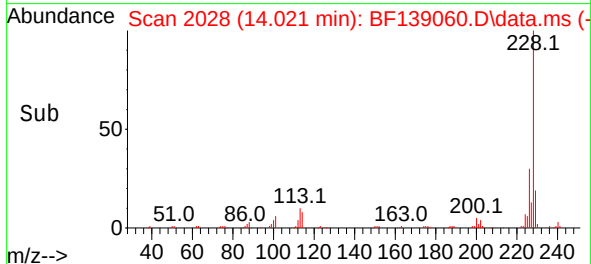
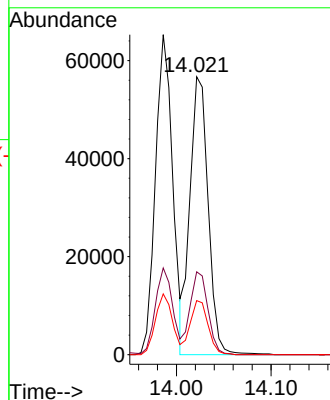
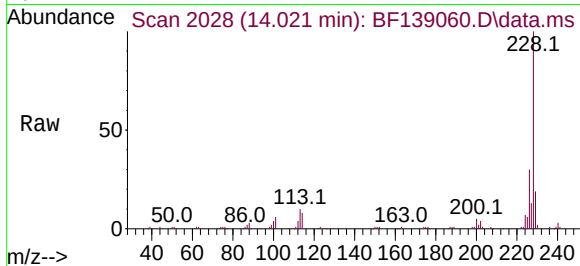
Tgt Ion:228 Resp: 76046

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

229 19.4 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.392 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.024 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

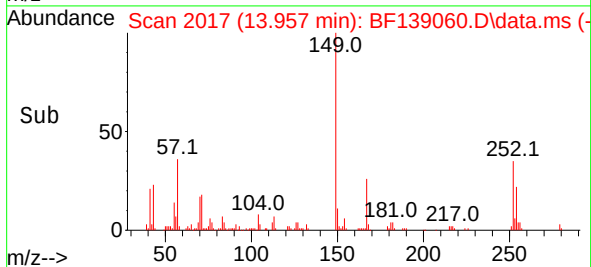
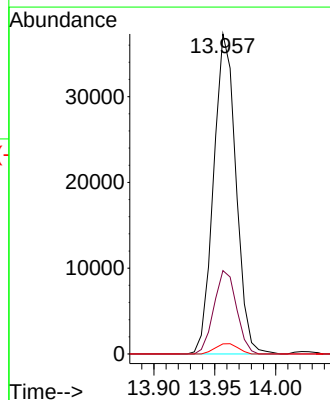
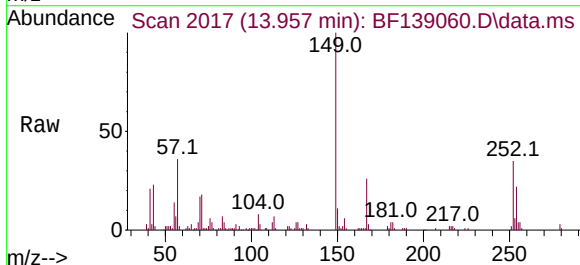
Tgt Ion:149 Resp: 47608

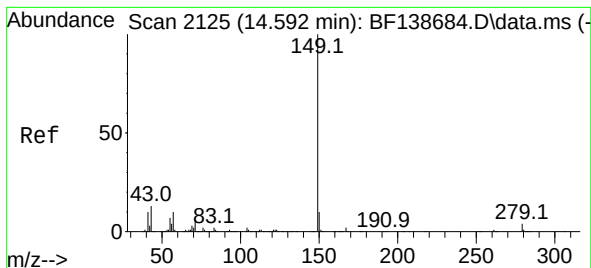
Ion Ratio Lower Upper

149 100

167 26.1 22.2 33.4

279 3.2 3.4 5.0#





#85

Di-n-octyl phthalate

Concen: 8.253 ng

RT: 14.568 min Scan# 2121

Delta R.T. -0.024 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

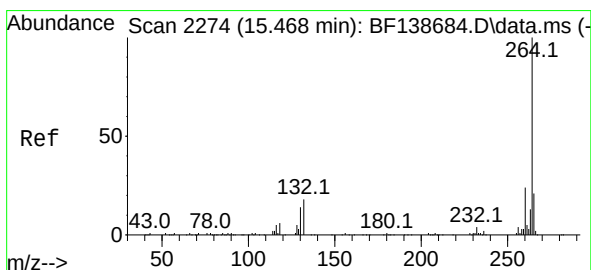
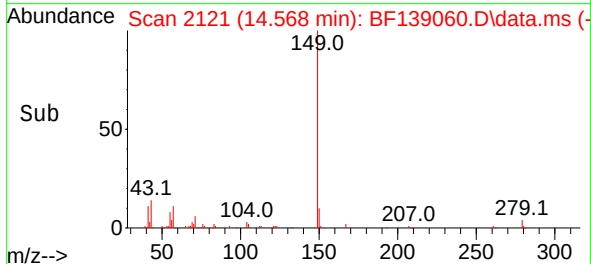
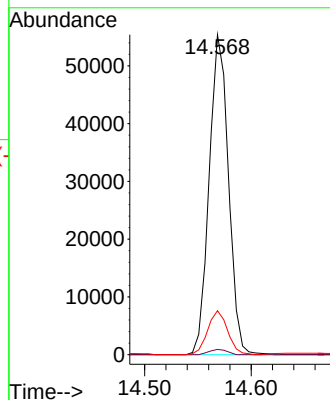
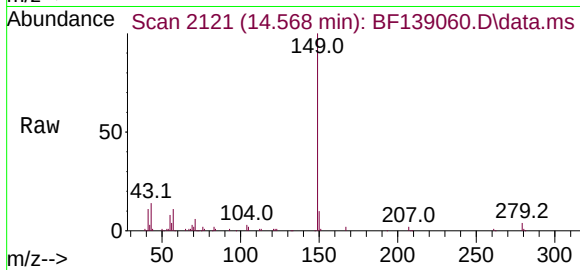
Tgt Ion:149 Resp: 69958

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 14.2 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

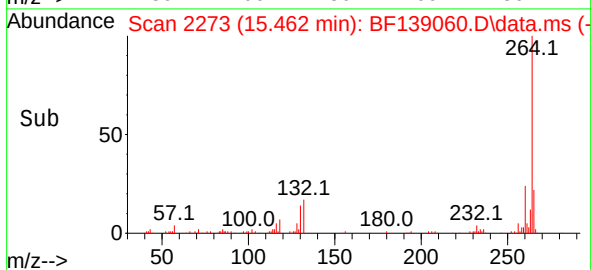
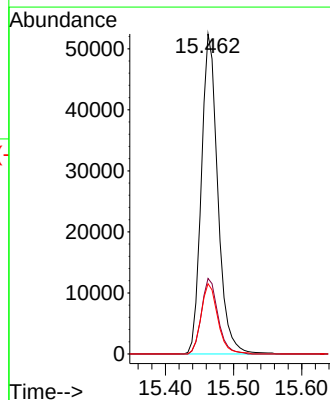
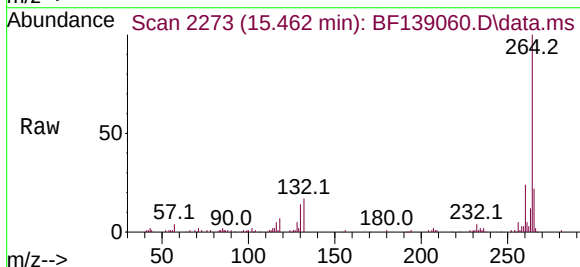
Tgt Ion:264 Resp: 87792

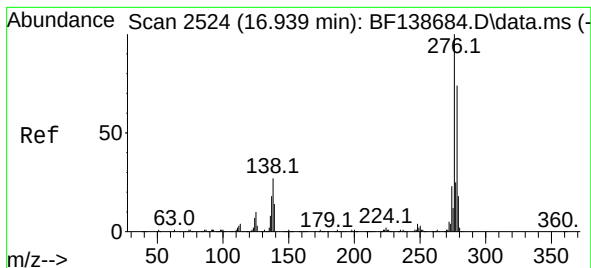
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.486 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

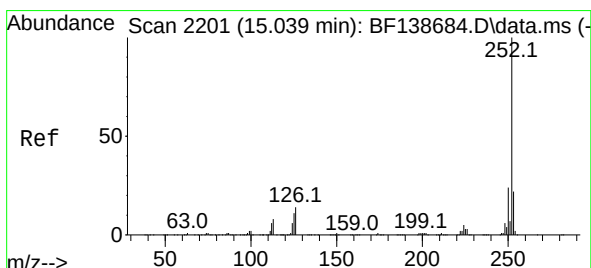
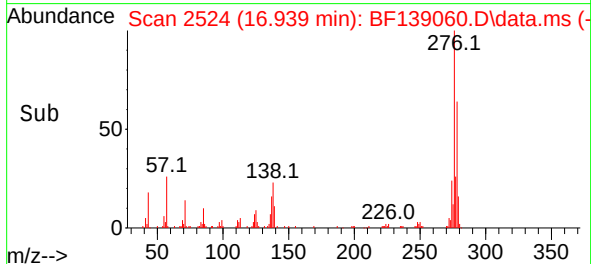
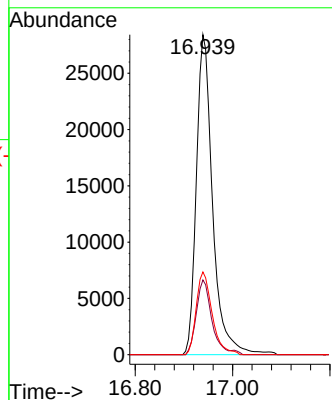
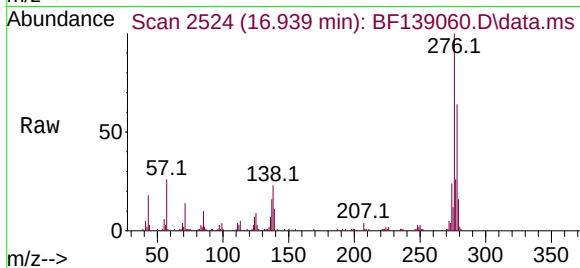
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:	276	Resp:	65973
Ion Ratio	Lower	Upper	
276	100		
138	22.6	21.8	32.8
277	25.3	20.6	30.8



#88

Benzo(b)fluoranthene

Concen: 10.591 ng

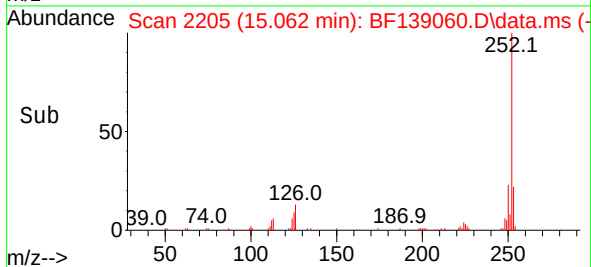
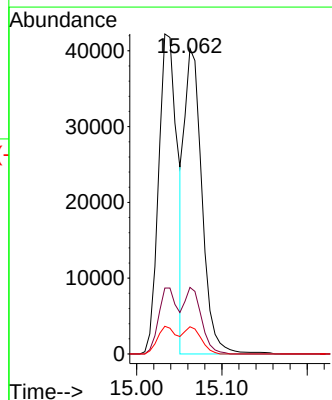
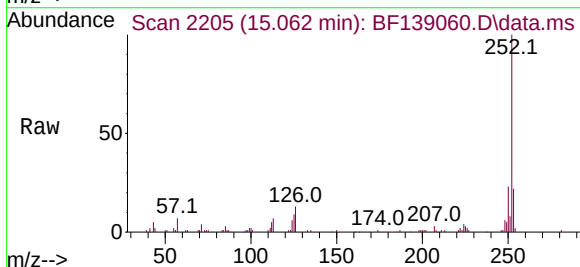
RT: 15.062 min Scan# 2205

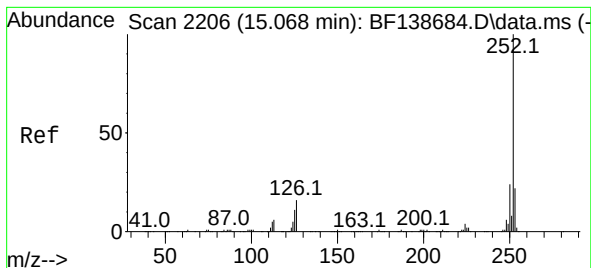
Delta R.T. 0.023 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Tgt Ion:	252	Resp:	57638
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	8.9	8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 12.232 ng

RT: 15.062 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2024

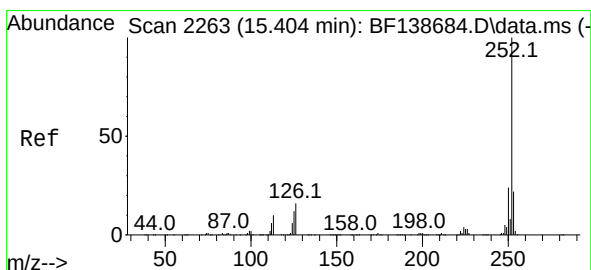
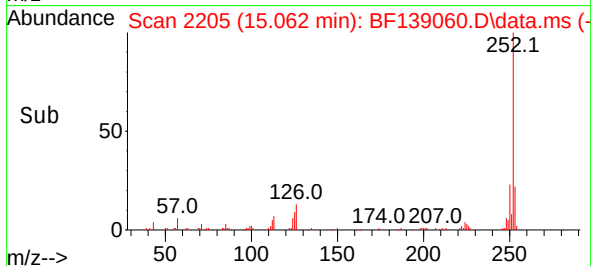
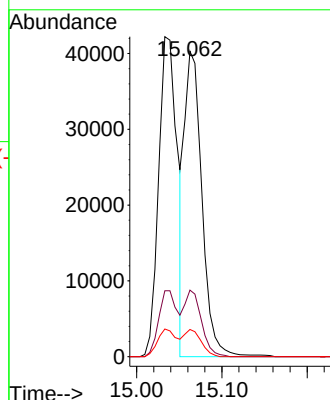
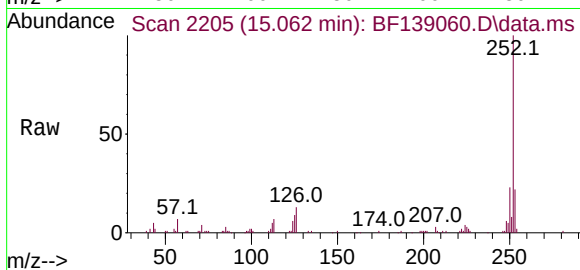
Tgt Ion:252 Resp: 57638

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 8.9 8.6 13.0



#90

Benzo(a)pyrene

Concen: 12.131 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF139060.D

Acq: 16 Aug 2024 16:30

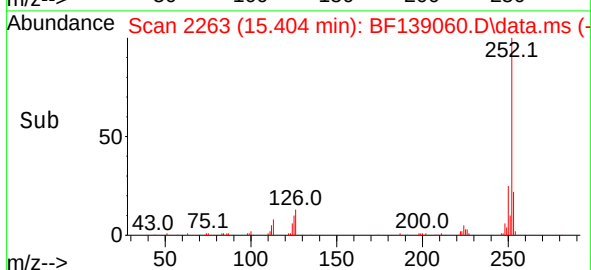
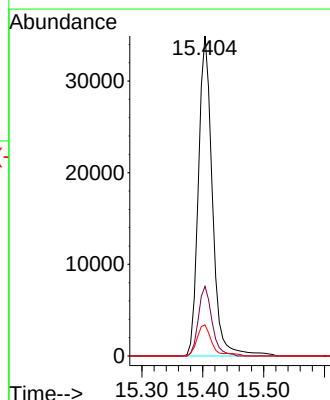
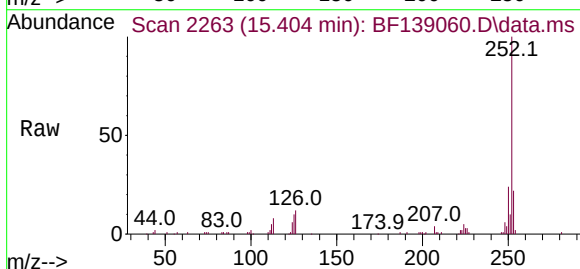
Tgt Ion:252 Resp: 55531

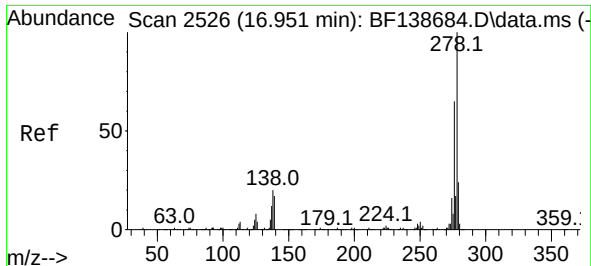
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.7 9.5 14.3

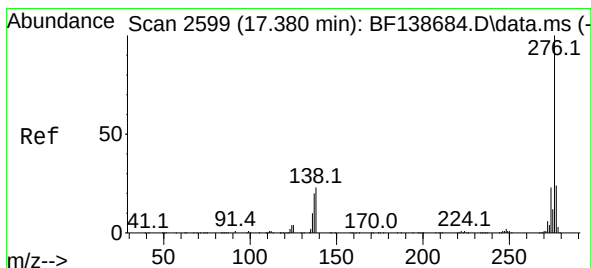
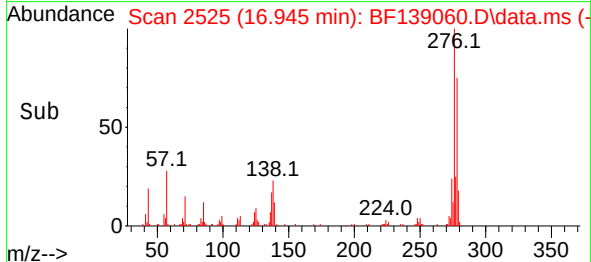
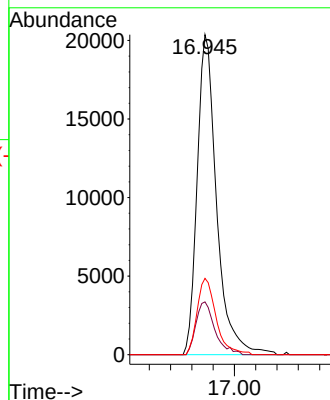
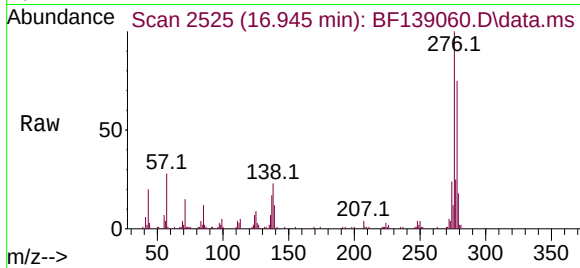




#91
 Dibenzo(a,h)anthracene
 Concen: 9.976 ng
 RT: 16.945 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BF139060.D
 Acq: 16 Aug 2024 16:30

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Tgt Ion:	278	Resp:	51522
Ion Ratio	Lower	Upper	
278	100		
139	16.5	14.0	21.0
279	23.8	19.0	28.4



#92
 Benzo(g,h,i)perylene
 Concen: 9.494 ng
 RT: 17.392 min Scan# 2601
 Delta R.T. 0.012 min
 Lab File: BF139060.D
 Acq: 16 Aug 2024 16:30

Tgt Ion:	276	Resp:	50883
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.0	28.4
138	20.7	18.5	27.7

