

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138248.D
 Acq On : 19 Jun 2024 16:28
 Operator : CG\JU
 Sample : P2942-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAY-WATER

Quant Time: Jun 19 16:51:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

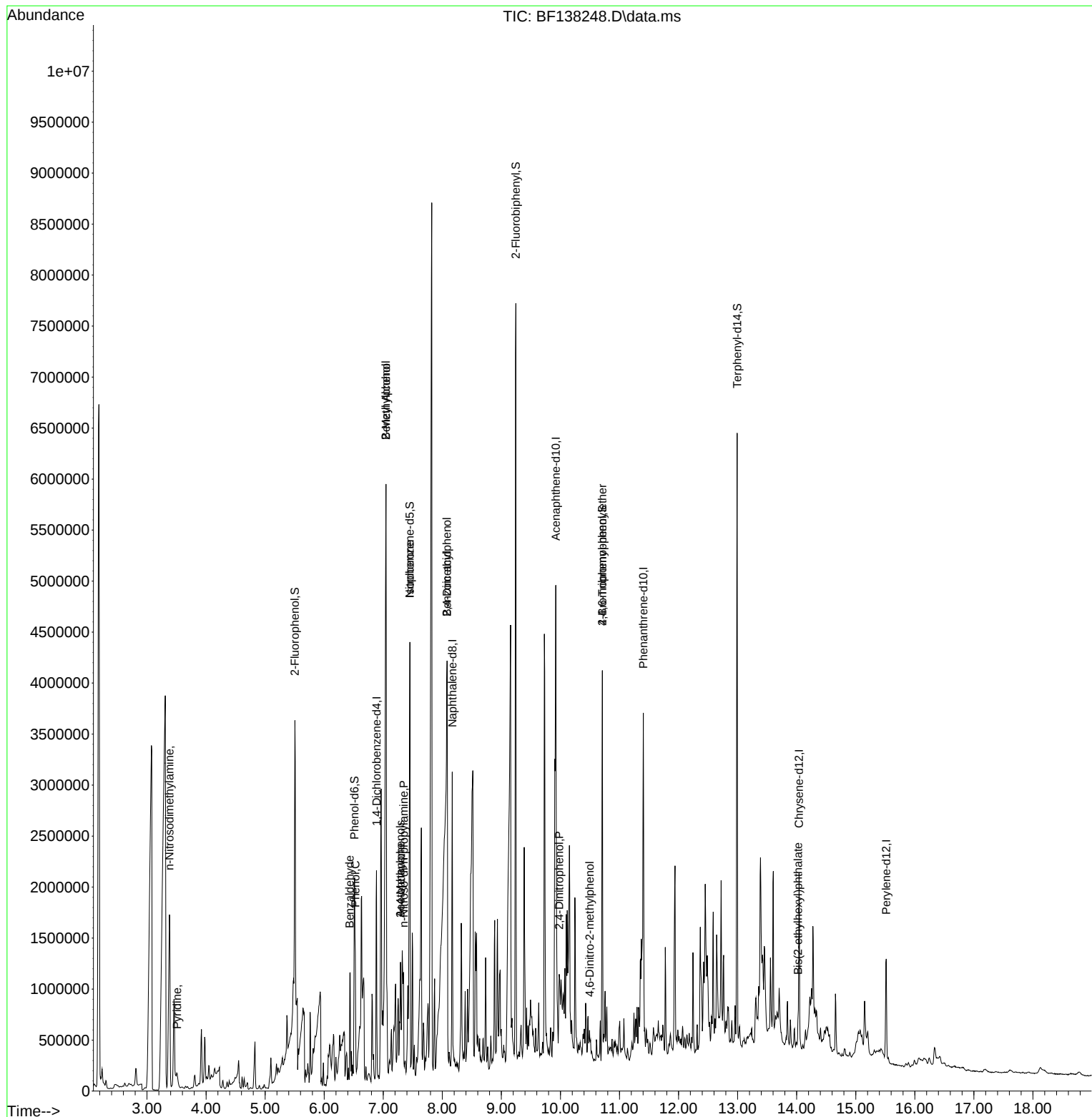
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	303412	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1092196	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	483076	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	699551	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	541566	20.000	ng	-0.01
86) Perylene-d12	15.515	264	493241	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	918487	50.640	ng	0.00
7) Phenol-d6	6.510	99	717054	31.177	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1353196	72.128	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	466815	97.069	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2319376	76.347	ng	0.00
79) Terphenyl-d14	12.992	244	2008928	58.752	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.510	79	99225	5.030	ng	99
4) n-Nitrosodimethylamine	3.381	42	451213	49.421	ng	# 1
9) Benzaldehyde	6.434	77	241164	19.742	ng	98
10) Phenol	6.528	94	388764	16.656	ng	97
15) Benzyl Alcohol	7.045	79	1458264	94.036	ng	99
17) 2-Methylphenol	7.045	107	828660	53.562	ng	# 16
19) n-Nitroso-di-n-propyla...	7.345	70	89079	6.534	ng	# 39
20) 3+4-Methylphenols	7.292	107	62765	3.223	ng	# 41
22) Acetophenone	7.292	105	145056	5.814	ng	96
25) Isophorone	7.451	82	1348014	39.724	ng	# 62
27) 2,4-Dimethylphenol	8.080	122	2843051	239.671	ng	# 16
32) Benzoic acid	8.080	122	2875603	275.047	ng	97
54) 2,4-Dinitrophenol	9.980	184	1774	4.954	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.498	198	806	7.128	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	29611	3.756	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.021	149	69158	4.680	ng	95

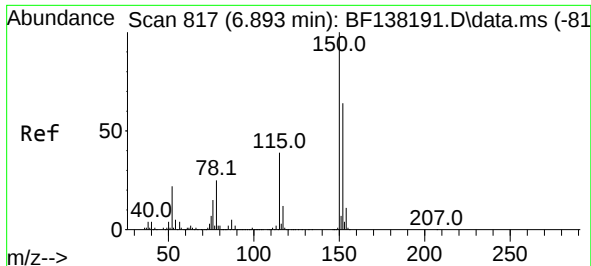
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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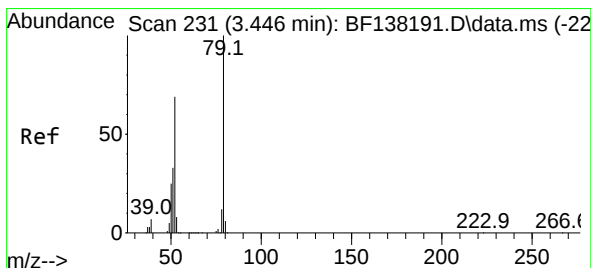
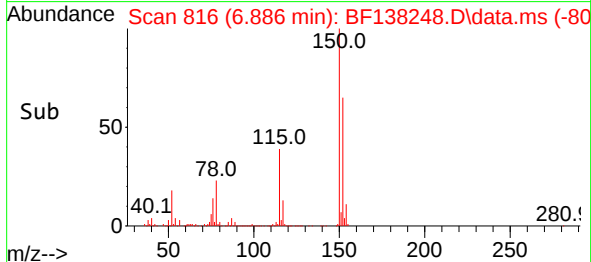
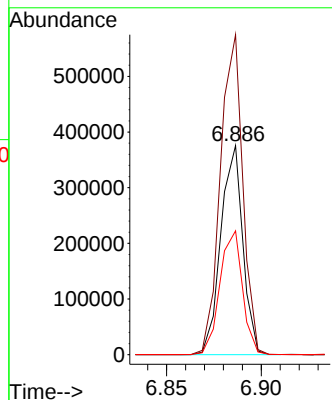
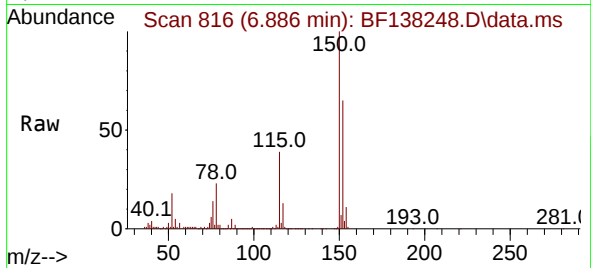




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 817
Delta R.T. -0.007 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

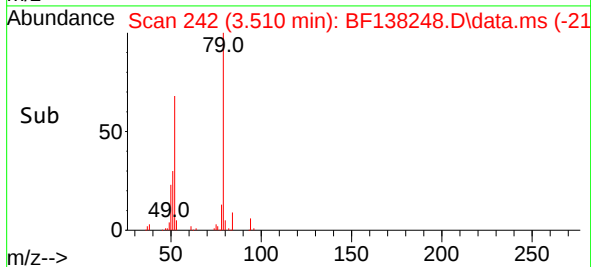
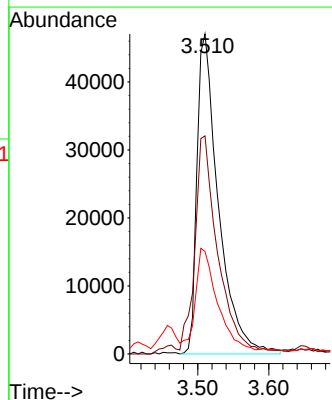
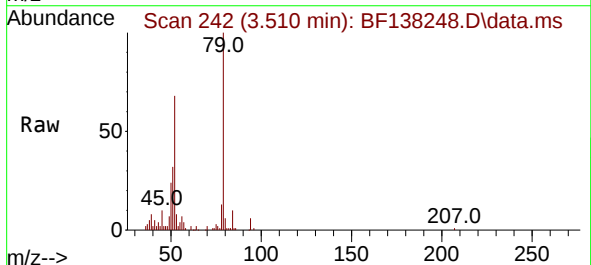
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

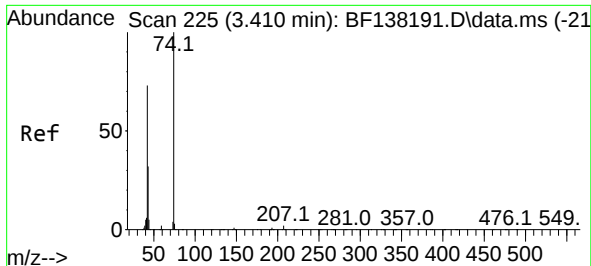
Tgt Ion:152 Resp: 303412
Ion Ratio Lower Upper
152 100
150 153.0 125.0 187.4
115 59.2 48.4 72.6



#3
Pyridine
Concen: 5.030 ng
RT: 3.510 min Scan# 242
Delta R.T. 0.064 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 79 Resp: 99225
Ion Ratio Lower Upper
79 100
52 68.2 55.0 82.4
51 32.1 26.9 40.3

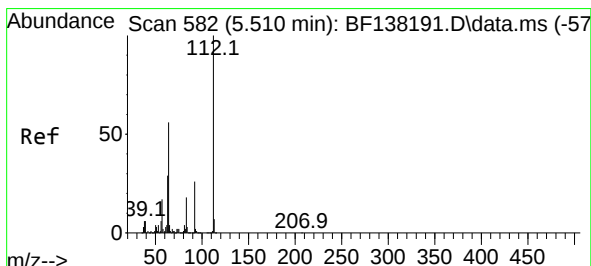
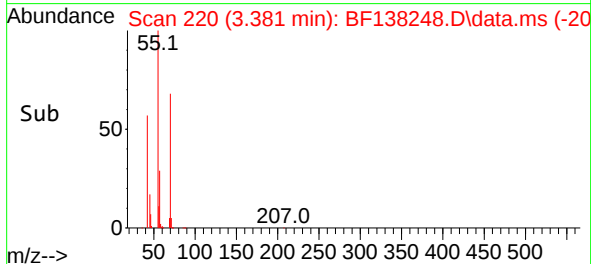
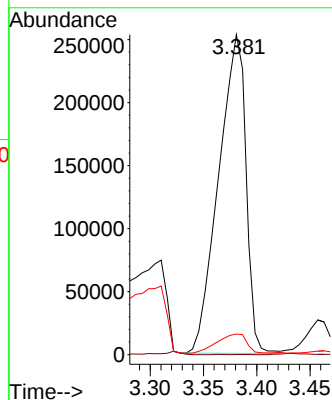
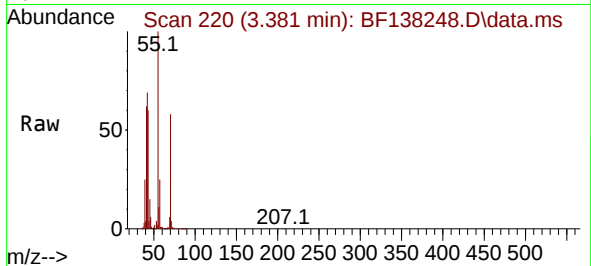




#4
n-Nitrosodimethylamine
Concen: 49.421 ng
RT: 3.381 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

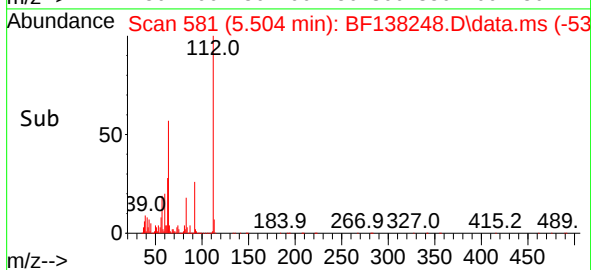
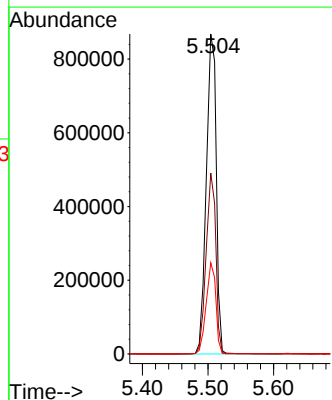
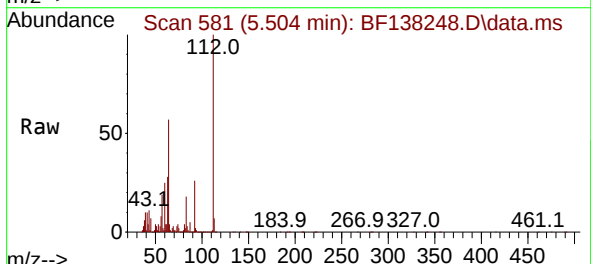
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

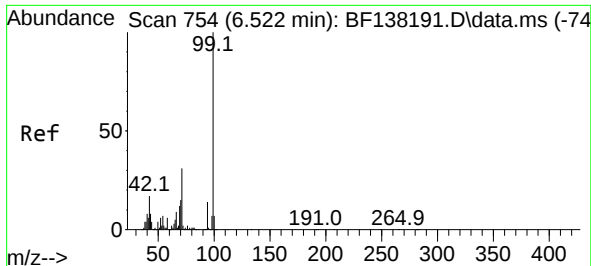
Tgt Ion: 42 Resp: 451213
Ion Ratio Lower Upper
42 100
74 0.1 109.9 164.9#
44 6.5 5.2 7.8



#5
2-Fluorophenol
Concen: 50.640 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion:112 Resp: 918487
Ion Ratio Lower Upper
112 100
64 56.5 45.2 67.8
63 28.5 22.9 34.3

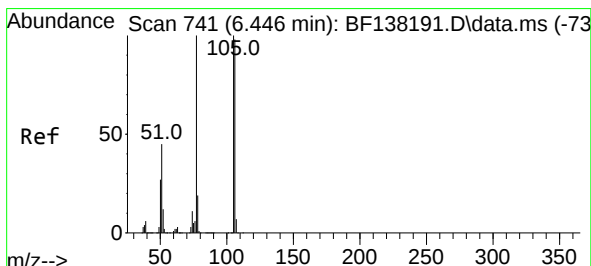
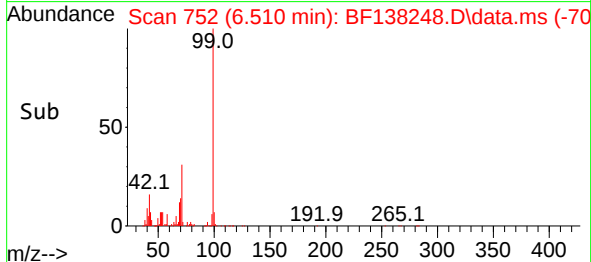
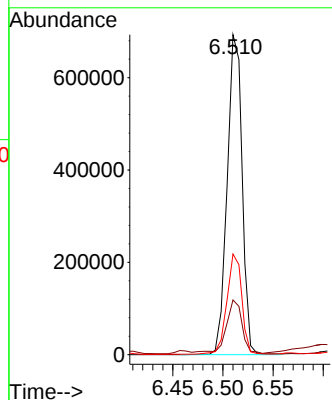
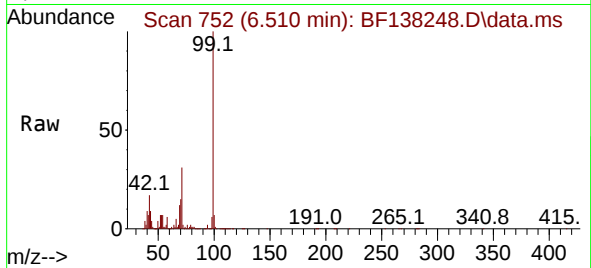




#7
Phenol-d6
Concen: 31.177 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

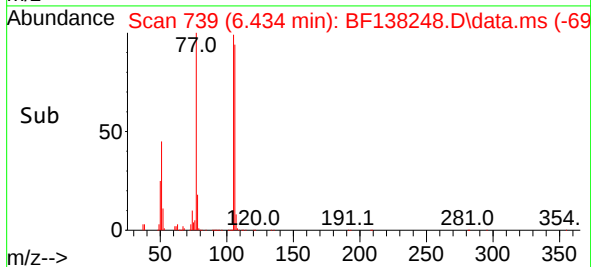
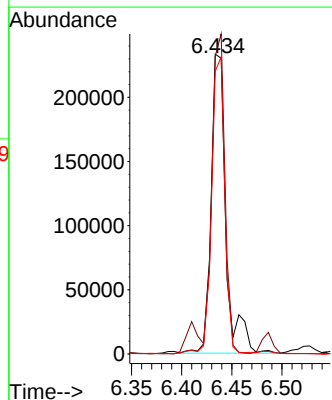
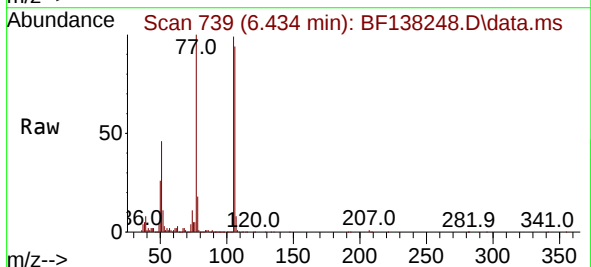
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

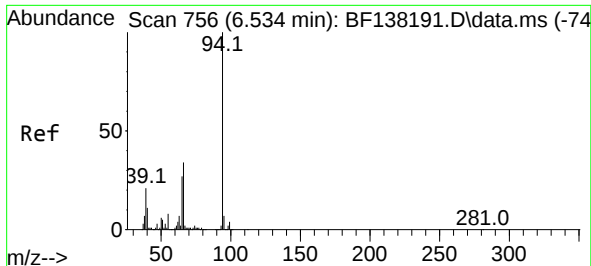
Tgt Ion: 99 Resp: 717054
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 31.4 25.0 37.6



#9
Benzaldehyde
Concen: 19.742 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 77 Resp: 241164
Ion Ratio Lower Upper
77 100
105 99.3 80.1 120.1
106 94.3 77.8 117.8

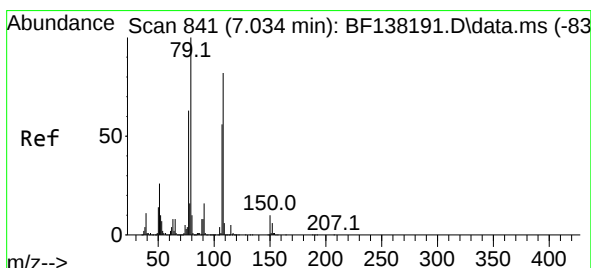
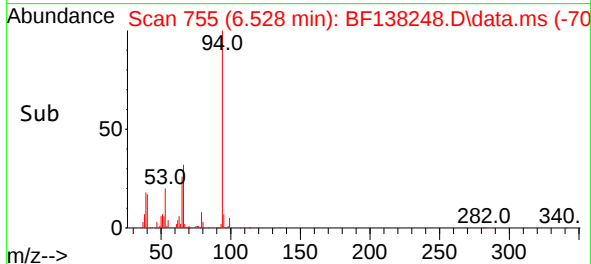
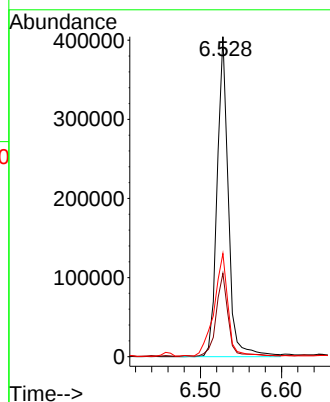
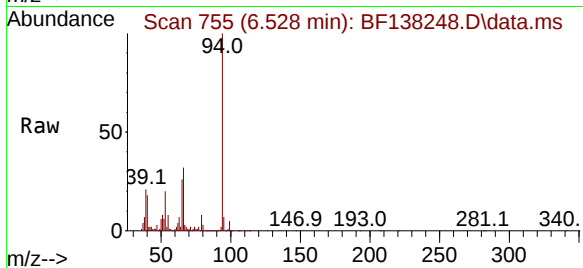




#10
Phenol
Concen: 16.656 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

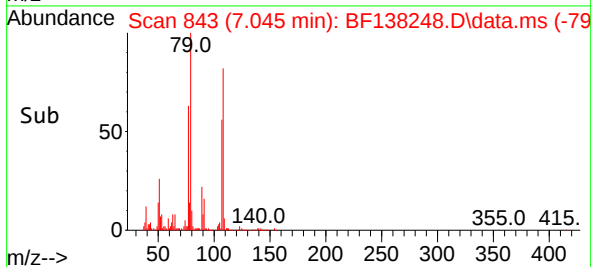
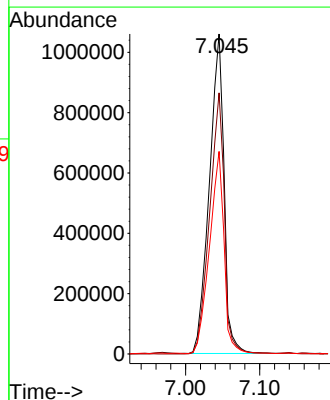
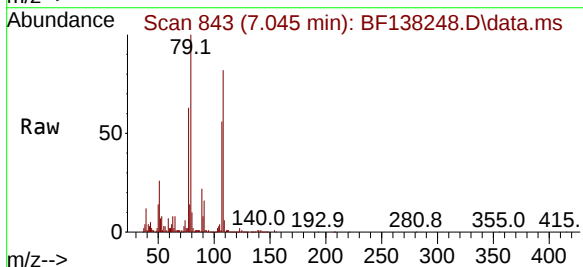
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

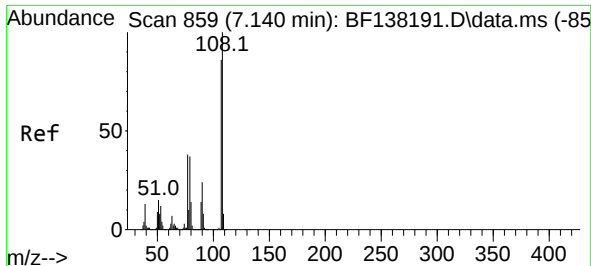
Tgt Ion: 94 Resp: 388764
Ion Ratio Lower Upper
94 100
65 26.1 6.8 46.8
66 32.2 14.2 54.2



#15
Benzyl Alcohol
Concen: 94.036 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

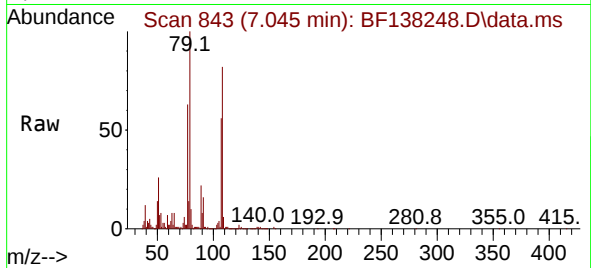
Tgt Ion: 79 Resp: 1458264
Ion Ratio Lower Upper
79 100
108 81.6 65.9 98.9
77 63.3 50.3 75.5



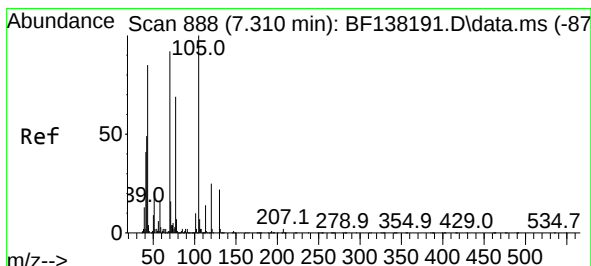
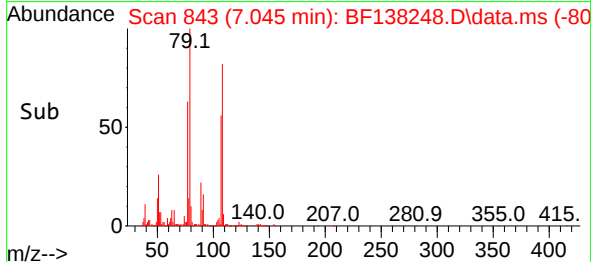
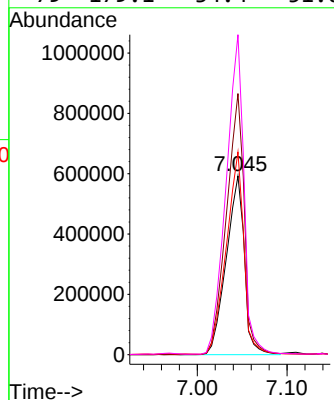


#17
2-Methylphenol
Concen: 53.562 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.094 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

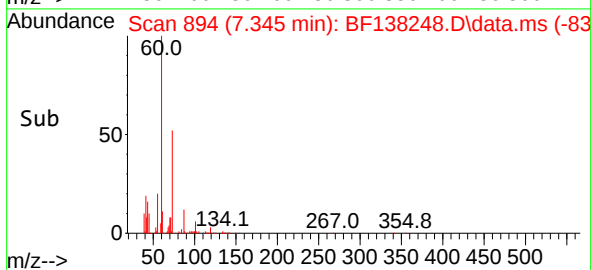
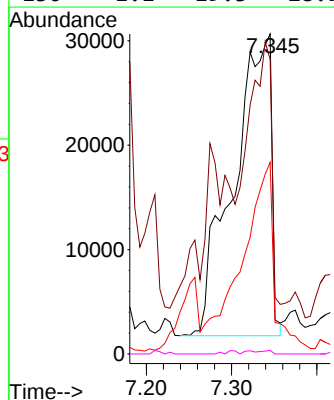
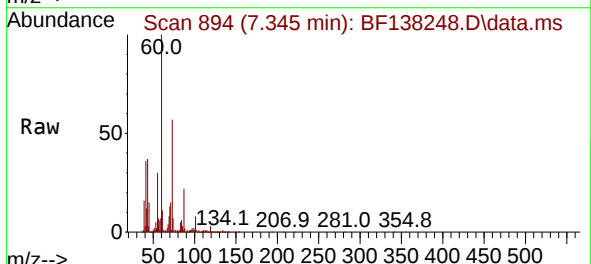


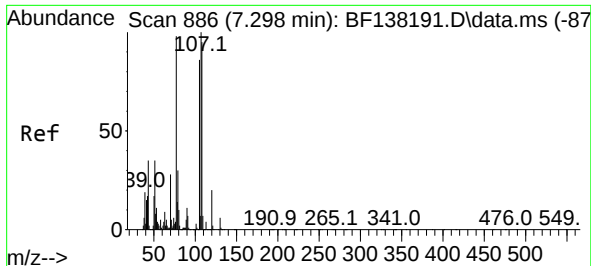
Tgt Ion:107 Resp: 828660
Ion Ratio Lower Upper
107 100
108 146.1 92.7 139.1#
77 113.4 35.7 53.5#
79 179.1 34.4 51.6#



#19
n-Nitroso-di-n-propylamine
Concen: 6.534 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.035 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion: 70 Resp: 89079
Ion Ratio Lower Upper
70 100
42 92.1 42.8 64.2#
101 59.8 8.4 12.6#
130 1.1 19.3 28.9#

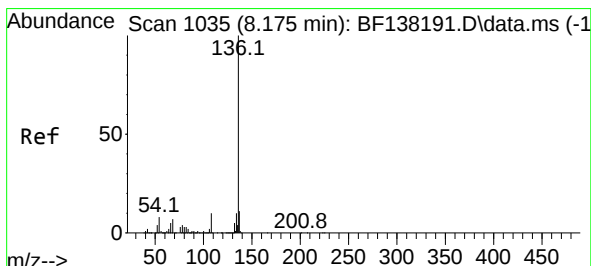
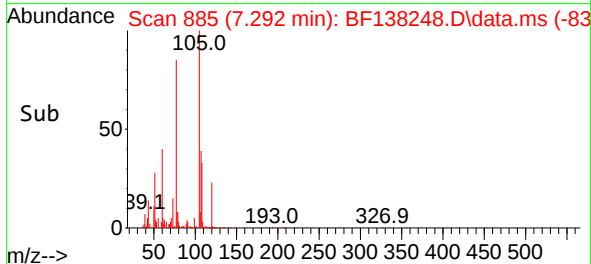
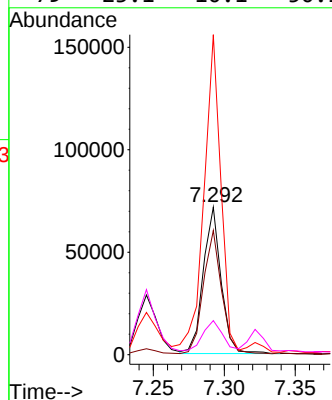
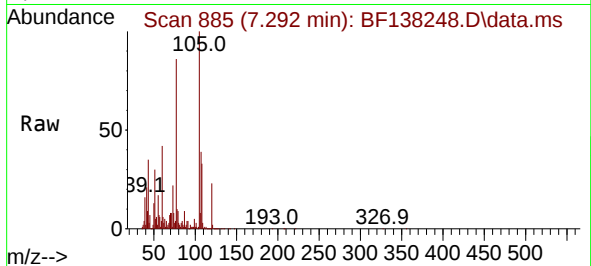




#20
3+4-Methylphenols
Concen: 3.223 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

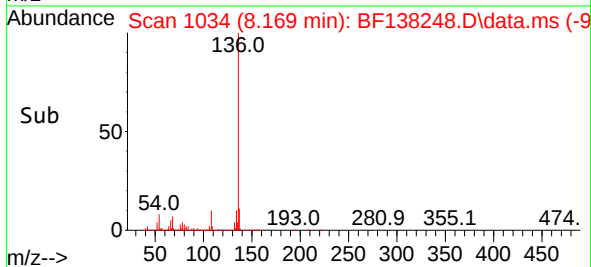
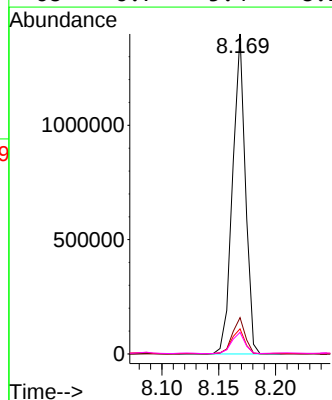
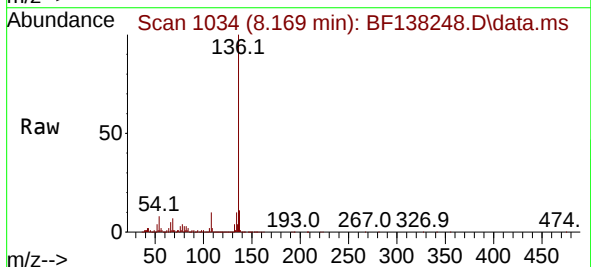
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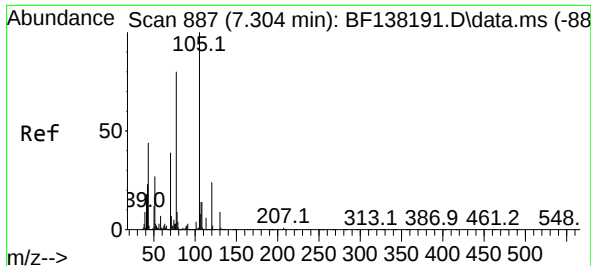
Tgt Ion:107	Resp: 62765
Ion Ratio	Lower Upper
107	100
108	84.2 74.9 114.9
77	217.0 78.2 118.2#
79	23.1 10.1 50.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion:136	Resp: 1092196
Ion Ratio	Lower Upper
136	100
137	11.4 9.1 13.7
54	7.9 6.6 10.0
68	6.7 5.4 8.2

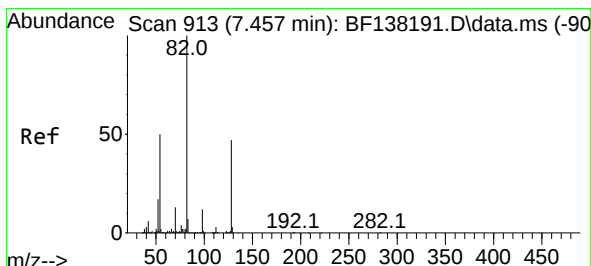
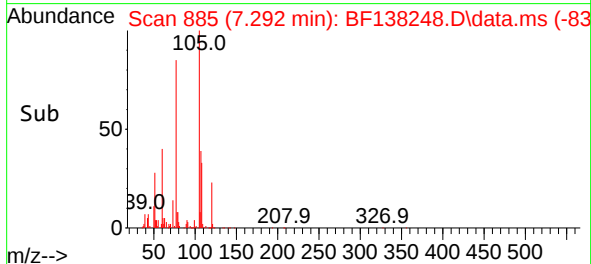
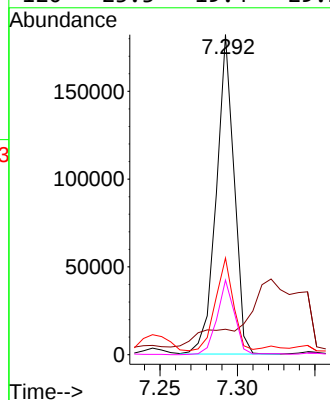
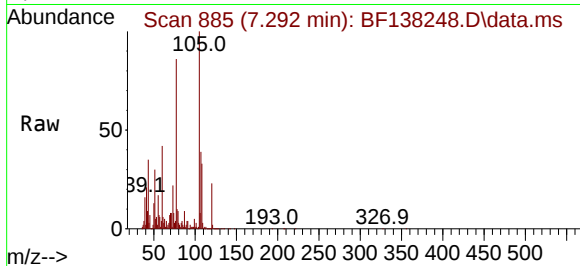




#22
Acetophenone
Concen: 5.814 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

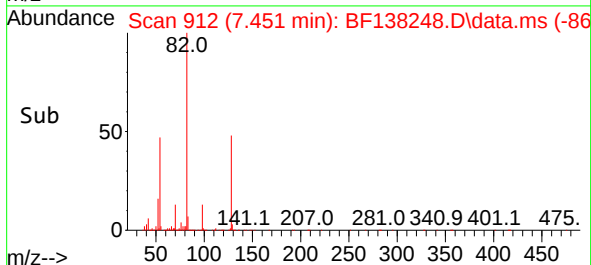
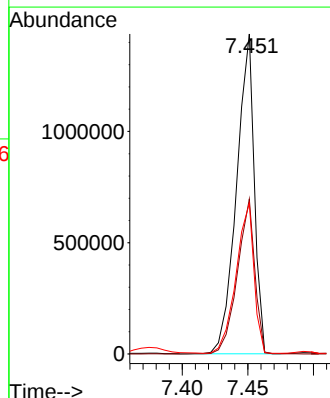
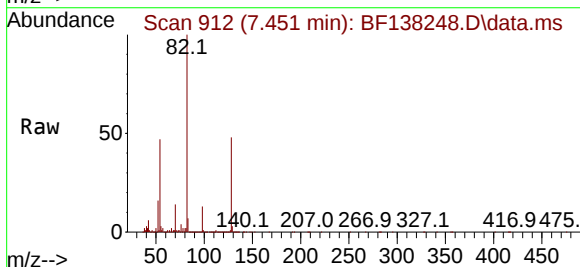
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

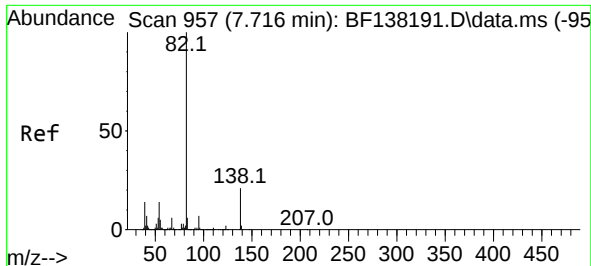
Tgt Ion:	105	Resp:	145056
Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.4	8.2
51	30.2	21.4	32.0
120	23.3	19.4	29.2



#23
Nitrobenzene-d5
Concen: 72.128 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion:	82	Resp:	1353196
Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.2	55.8
54	47.1	39.8	59.6

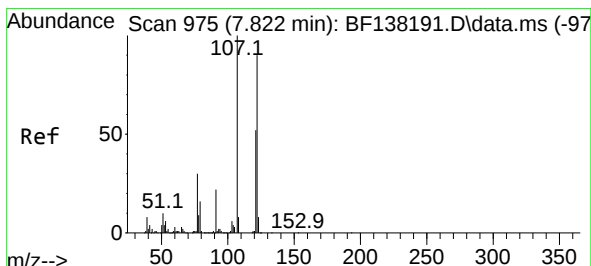
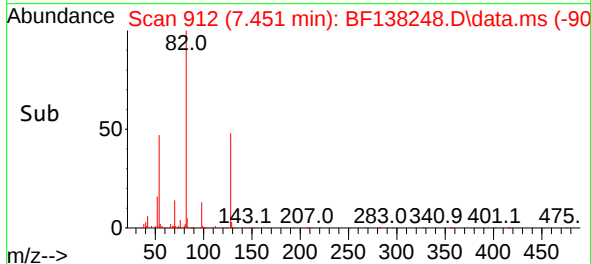
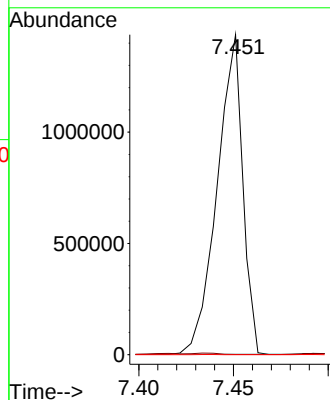
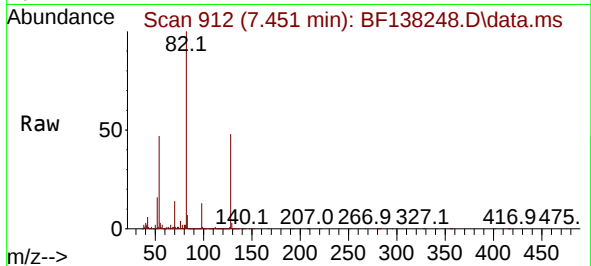




#25
Isophorone
Concen: 39.724 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

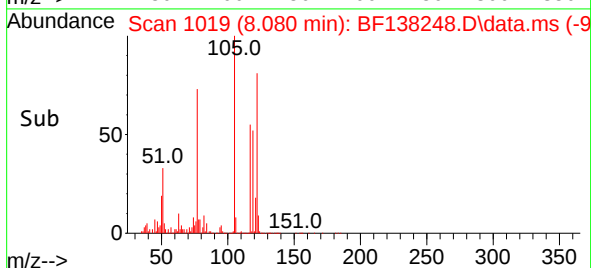
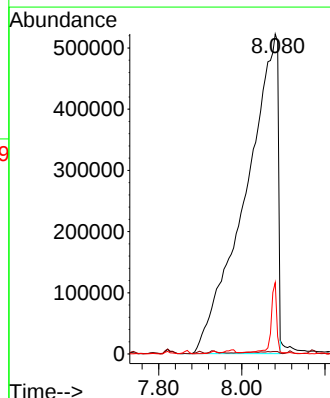
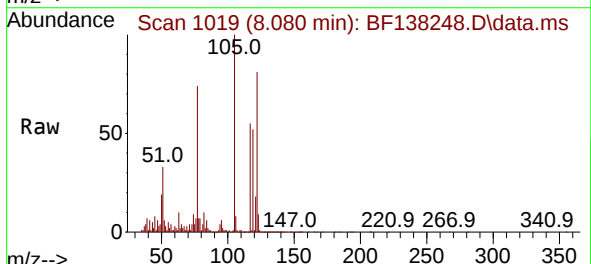
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

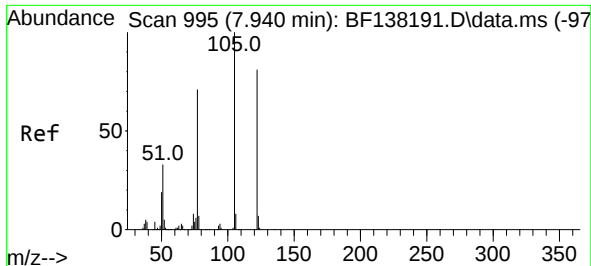
Tgt Ion: 82 Resp: 1348014
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 16.4 24.6#



#27
2,4-Dimethylphenol
Concen: 239.671 ng
RT: 8.080 min Scan# 1019
Delta R.T. 0.258 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion:122 Resp: 2843051
Ion Ratio Lower Upper
122 100
107 0.8 87.7 131.5#
121 22.3 45.8 68.8#

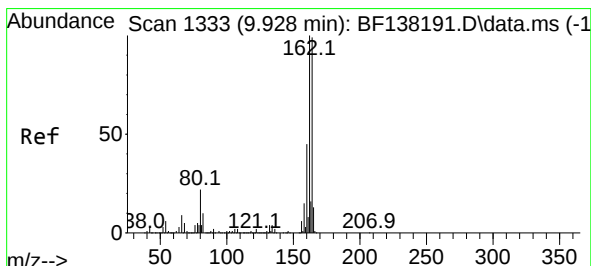
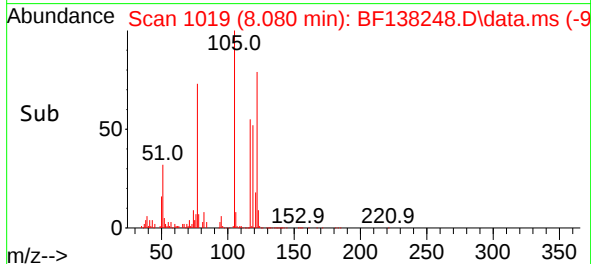
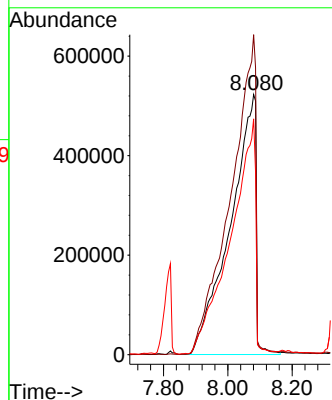
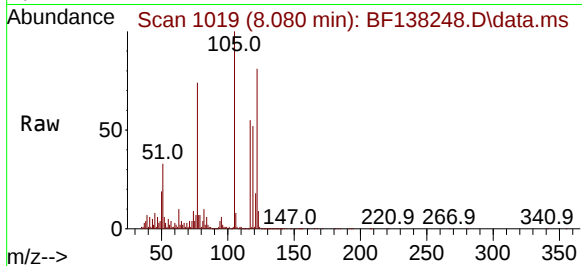




#32
Benzoic acid
Concen: 275.047 ng
RT: 8.080 min Scan# 1019
Delta R.T. 0.140 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

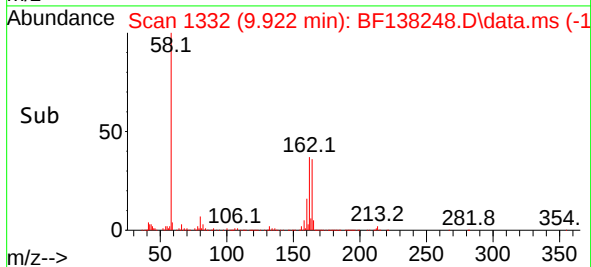
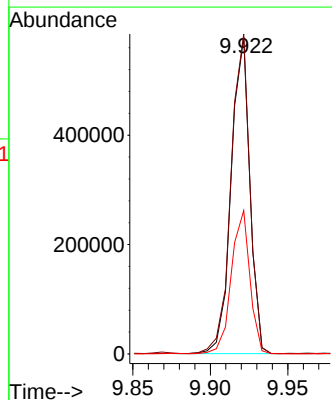
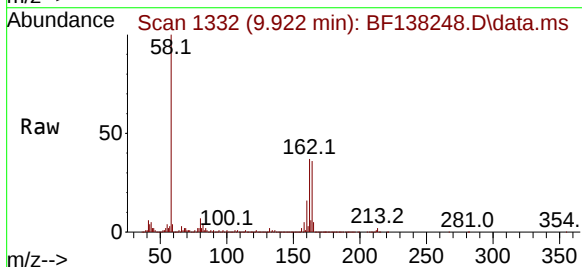
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

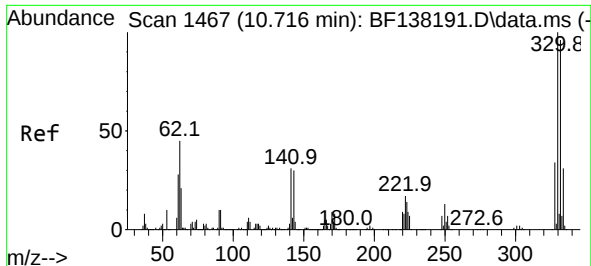
Tgt Ion:122 Resp: 2875603
Ion Ratio Lower Upper
122 100
105 123.0 100.1 140.1
77 90.6 66.5 106.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion:164 Resp: 483076
Ion Ratio Lower Upper
164 100
162 101.1 80.6 121.0
160 45.3 36.3 54.5

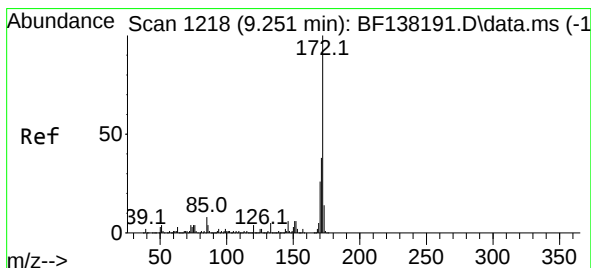
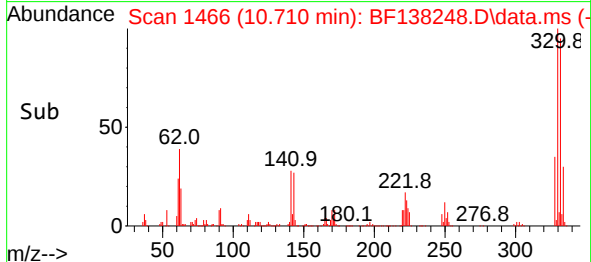
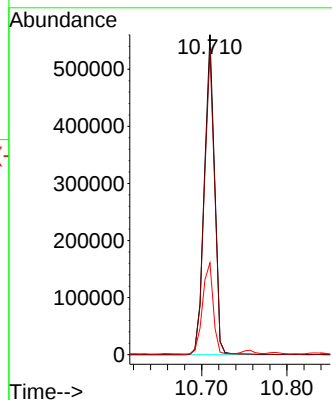
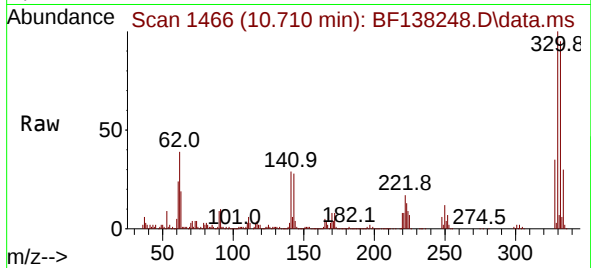




#42
2,4,6-Tribromophenol
Concen: 97.069 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

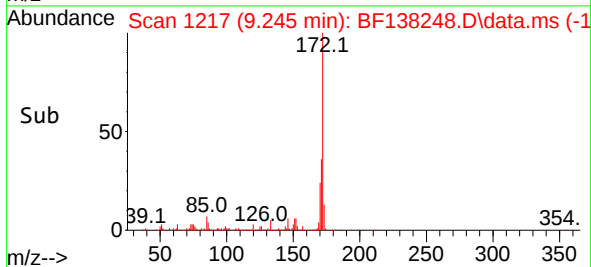
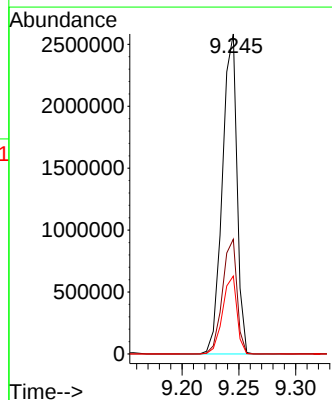
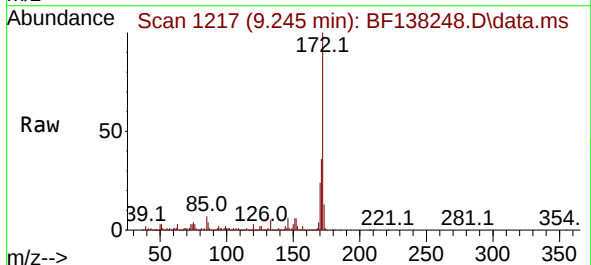
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

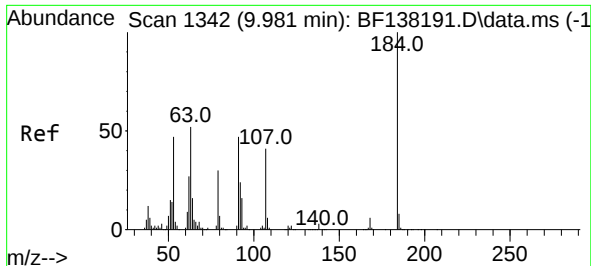
Tgt Ion:330 Resp: 466815
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 29.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 76.347 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion:172 Resp: 2319376
Ion Ratio Lower Upper
172 100
171 35.9 30.3 45.5
170 24.4 20.6 30.8

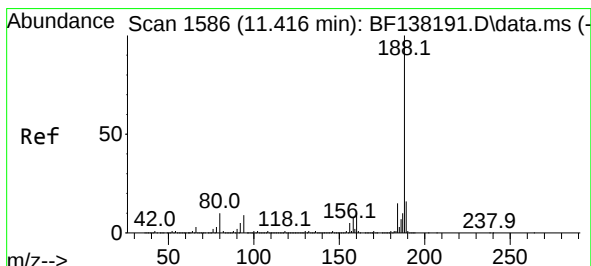
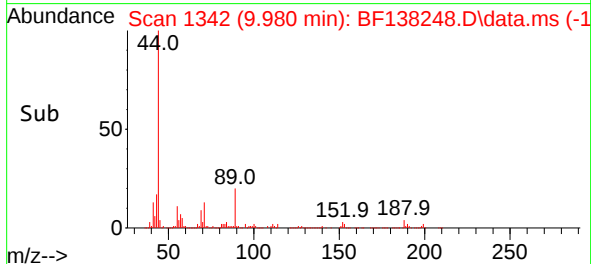
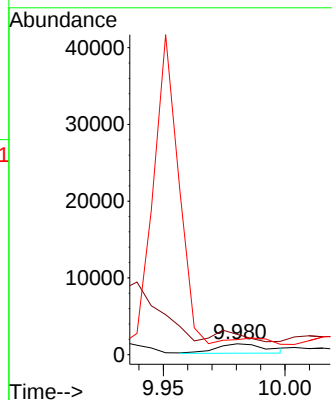
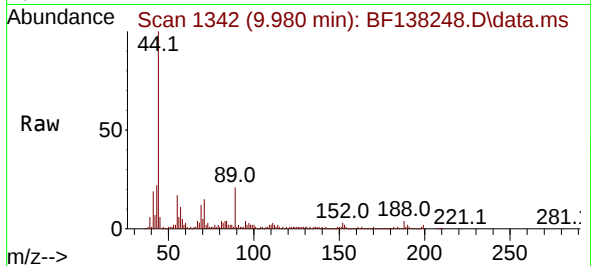




#54
2,4-Dinitrophenol
Concen: 4.954 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

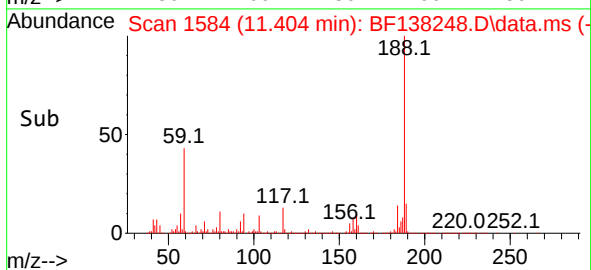
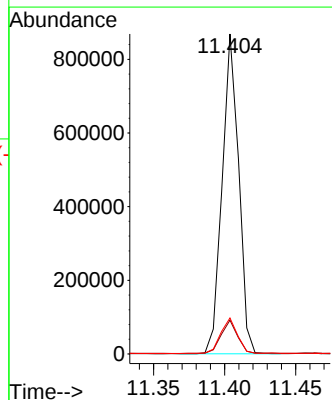
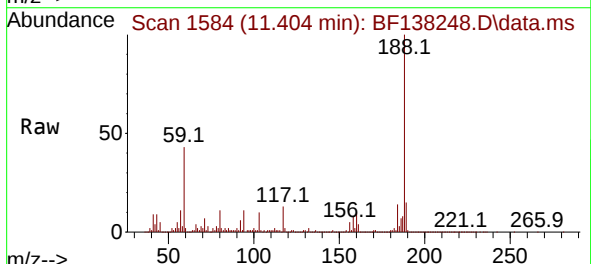
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

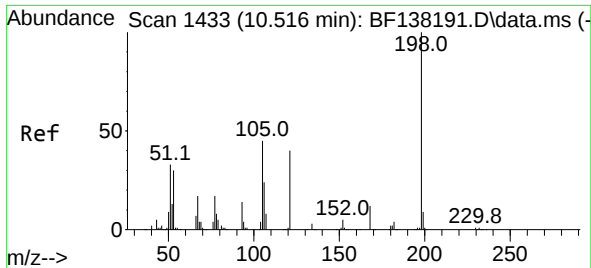
Tgt Ion:184 Resp: 1774
Ion Ratio Lower Upper
184 100
63 186.9 49.2 73.8#
154 139.3 46.7 70.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion:188 Resp: 699551
Ion Ratio Lower Upper
188 100
94 10.6 7.6 11.4
80 11.3 8.1 12.1

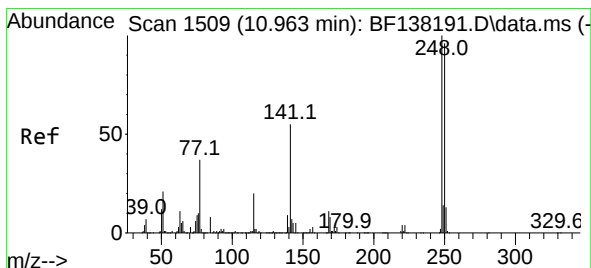
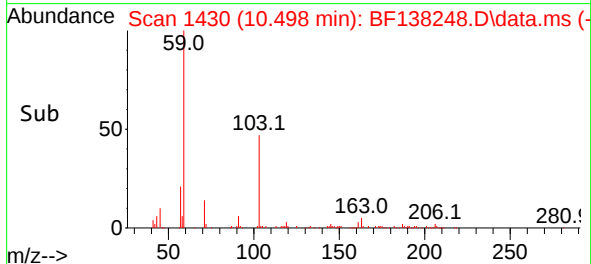
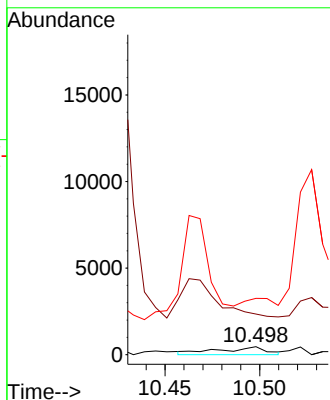
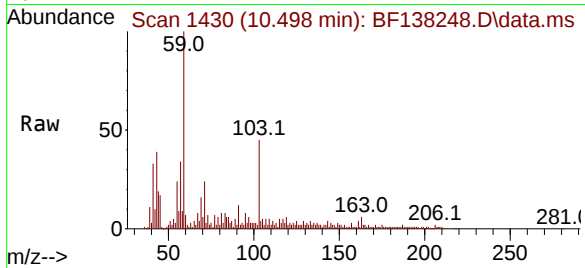




#65
4,6-Dinitro-2-methylphenol
Concen: 7.128 ng
RT: 10.498 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

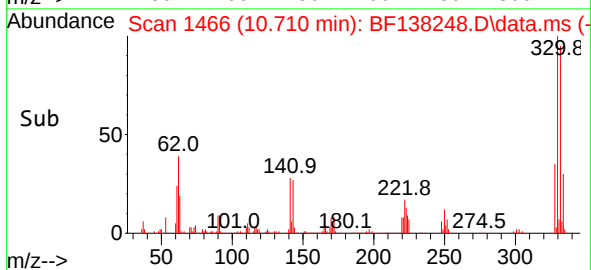
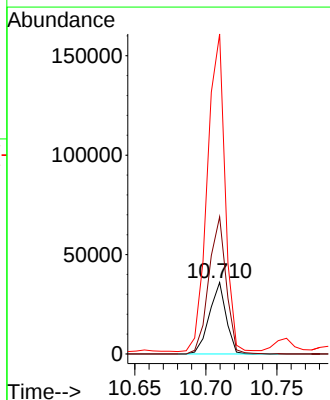
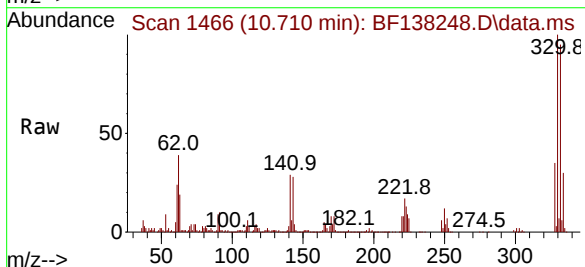
Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

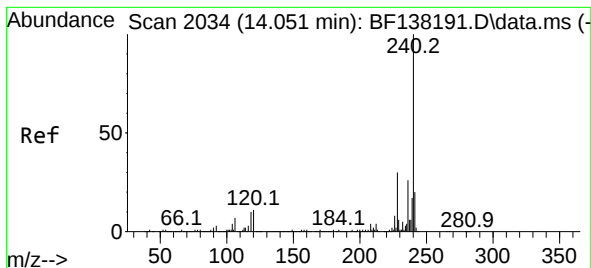
Tgt Ion:198 Resp: 806
Ion Ratio Lower Upper
198 100
51 506.5 26.9 66.9#
105 700.6 26.0 66.0#



#67
4-Bromophenyl-phenylether
Concen: 3.756 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion:248 Resp: 29611
Ion Ratio Lower Upper
248 100
250 191.8 77.2 115.8#
141 447.8 44.1 66.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138248.D

Acq: 19 Jun 2024 16:28

Instrument :

BNA_F

ClientSampleId :

GRAY-WATER

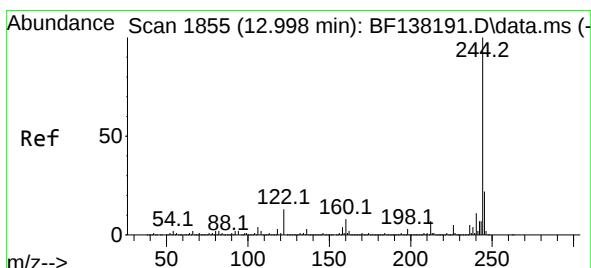
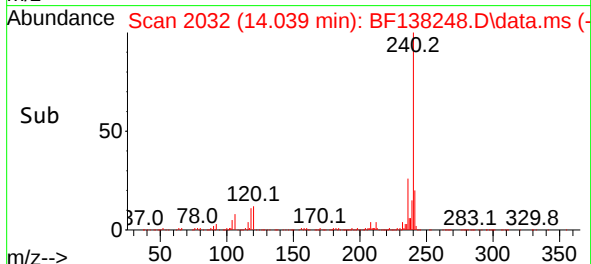
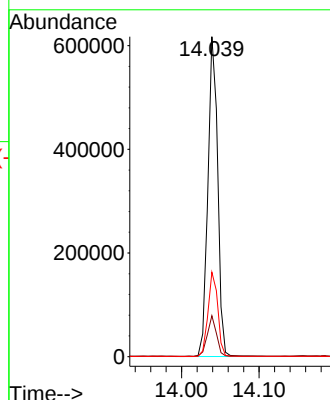
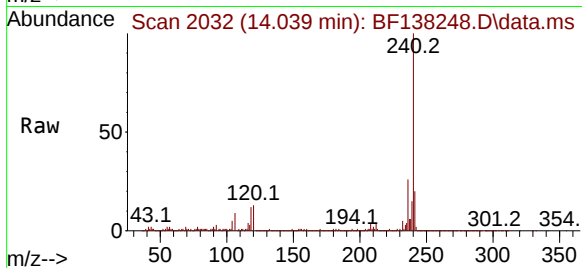
Tgt Ion:240 Resp: 541566

Ion Ratio Lower Upper

240 100

120 12.8 9.2 13.8

236 26.4 21.0 31.6



#79

Terphenyl-d14

Concen: 58.752 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138248.D

Acq: 19 Jun 2024 16:28

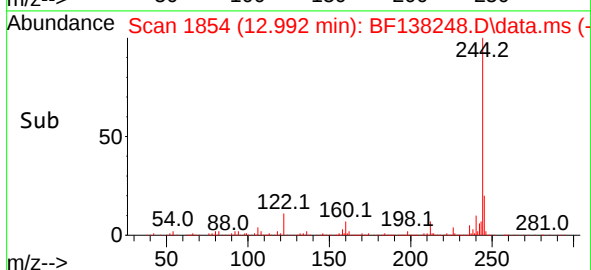
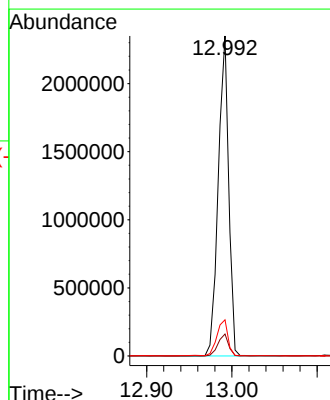
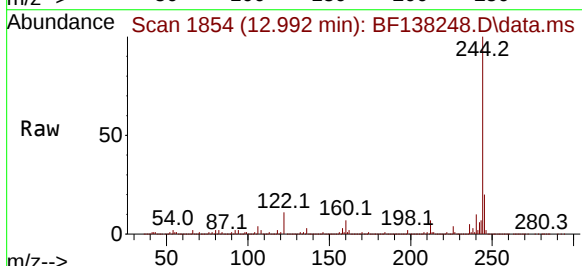
Tgt Ion:244 Resp: 2008928

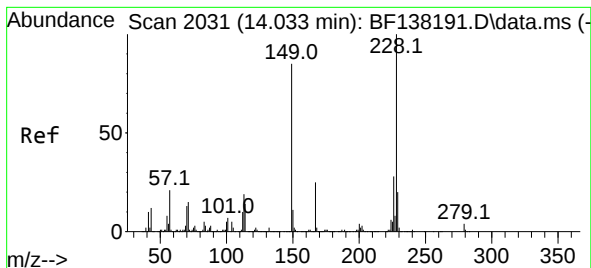
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 11.3 10.6 15.8

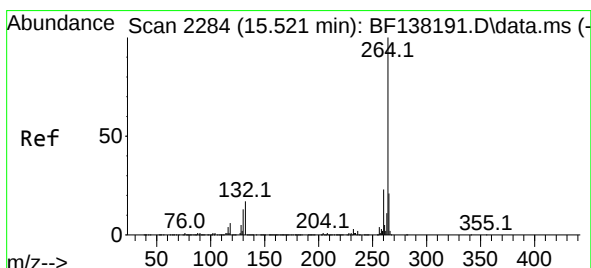
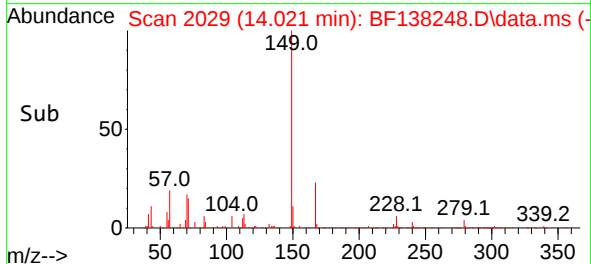
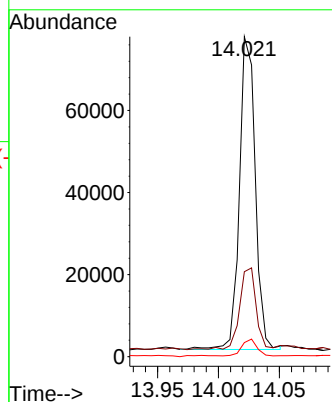
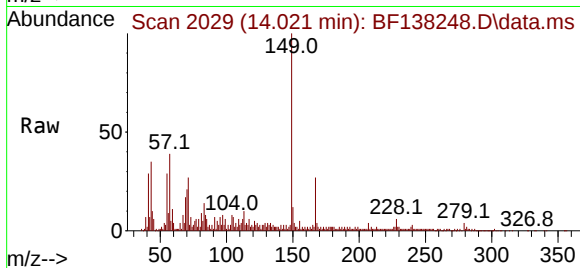




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.680 ng
RT: 14.021 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Instrument :
BNA_F
ClientSampleId :
GRAY-WATER

Tgt Ion:149 Resp: 69158
Ion Ratio Lower Upper
149 100
167 26.6 23.5 35.3
279 4.4 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF138248.D
Acq: 19 Jun 2024 16:28

Tgt Ion:264 Resp: 493241
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 21.5 17.0 25.6

