

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129311.D
 Acq On : 22 Jul 2022 12:35
 Operator : CG\JU
 Sample : N3214-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jul 22 12:58:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	128224	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	479932	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	259744	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	453264	20.000	ng	0.00
76) Chrysene-d12	14.069	240	358089	20.000	ng	-0.01
86) Perylene-d12	15.557	264	280786	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	871633	110.874	ng	0.00
7) Phenol-d6	6.522	99	1146734	114.427	ng	0.00
23) Nitrobenzene-d5	7.457	82	825136	92.496	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	327326	130.617	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1465503	86.796	ng	0.00
79) Terphenyl-d14	13.010	244	1547070	80.464	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	11873	3.406	ng	92
3) Pyridine	3.546	79	43003	4.468	ng	89
4) n-Nitrosodimethylamine	3.428	42	13730	3.177	ng	# 95
6) Aniline	6.557	93	49322	4.000	ng	99
8) 2-Chlorophenol	6.675	128	33106	3.841	ng	98
9) Benzaldehyde	6.445	77	28453	4.139	ng	96
10) Phenol	6.528	94	37969	3.605	ng	# 67
11) bis(2-Chloroethyl)ether	6.628	93	31120	3.733	ng	90
12) 1,3-Dichlorobenzene	6.834	146	35714	3.845	ng	96
13) 1,4-Dichlorobenzene	6.910	146	36375	3.870	ng	97
14) 1,2-Dichlorobenzene	7.063	146	34677	3.993	ng	97
15) Benzyl Alcohol	7.028	79	22665	3.117	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.163	45	45050	3.544	ng	91
17) 2-Methylphenol	7.134	107	26150	3.723	ng	95
18) Hexachloroethane	7.404	117	13773	3.906	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	23485	3.933	ng	95
20) 3+4-Methylphenols	7.287	107	33990	3.711	ng	95
22) Acetophenone	7.292	105	49115	4.358	ng	# 93
24) Nitrobenzene	7.475	77	39503	4.299	ng	95
25) Isophorone	7.704	82	64579	4.123	ng	99
26) 2-Nitrophenol	7.787	139	16846	3.800	ng	94
27) 2,4-Dimethylphenol	7.822	122	28134	4.218	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	38722	4.268	ng	97
29) 2,4-Dichlorophenol	8.028	162	27047	3.899	ng	96
30) 1,2,4-Trichlorobenzene	8.116	180	28903	4.009	ng	95
31) Naphthalene	8.198	128	100805	4.095	ng	98
32) Benzoic acid	7.887	122	24016	4.926	ng	99
33) 4-Chloroaniline	8.245	127	39989	3.983	ng	96
34) Hexachlorobutadiene	8.310	225	16790	4.074	ng	94
35) Caprolactam	8.575	113	8302	3.752	ng	# 78
36) 4-Chloro-3-methylphenol	8.716	107	30034	4.075	ng	100
37) 2-Methylnaphthalene	8.886	142	65144	4.084	ng	99
38) 1-Methylnaphthalene	8.986	142	61871	4.009	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	28235	4.141	ng	98
41) Hexachlorocyclopentadiene	9.039	237	10828	3.603	ng	96
43) 2,4,6-Trichlorophenol	9.163	196	17727	3.557	ng	96

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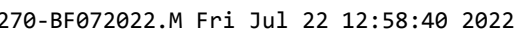
Instrument :
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 ClientSampleId :
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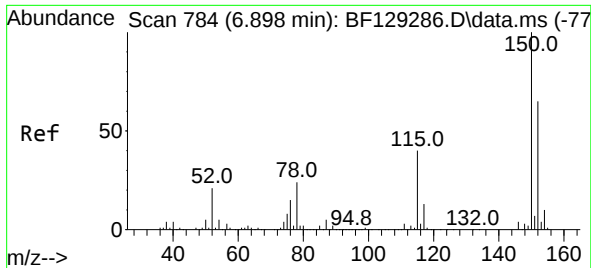
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	20069	3.712	ng	# 92
46) 1,1'-Biphenyl	9.351	154	81554	4.249	ng	99
47) 2-Chloronaphthalene	9.375	162	61995	4.032	ng	98
48) 2-Nitroaniline	9.469	65	19035	3.687	ng	96
49) Acenaphthylene	9.792	152	100391	4.252	ng	98
50) Dimethylphthalate	9.639	163	69990	3.922	ng	99
51) 2,6-Dinitrotoluene	9.710	165	14490	3.626	ng	97
52) Acenaphthene	9.963	154	58823	3.839	ng	100
53) 3-Nitroaniline	9.881	138	16365	3.442	ng	# 94
54) 2,4-Dinitrophenol	9.986	184	9656	4.776	ng	# 91
55) Dibenzofuran	10.133	168	87141	4.093	ng	95
56) 4-Nitrophenol	10.033	139	11032	3.178	ng	85
57) 2,4-Dinitrotoluene	10.110	165	20003	3.819	ng	99
58) Fluorene	10.480	166	69995	4.119	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	14419	3.460	ng	# 87
60) Diethylphthalate	10.345	149	68907	4.013	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	31943	4.296	ng	# 85
62) 4-Nitroaniline	10.486	138	16198	3.449	ng	97
63) Azobenzene	10.633	77	70394	3.963	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	8526	3.058	ng	90
66) n-Nitrosodiphenylamine	10.586	169	59395	3.964	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	19622	4.012	ng	97
68) Hexachlorobenzene	11.028	284	21266	3.970	ng	98
69) Atrazine	11.110	200	18357	4.008	ng	97
70) Pentachlorophenol	11.222	266	8286	2.814	ng	92
71) Phenanthrene	11.445	178	99210	3.988	ng	98
72) Anthracene	11.498	178	102356	4.152	ng	98
73) Carbazole	11.651	167	93865	4.082	ng	97
74) Di-n-butylphthalate	11.975	149	104891	3.948	ng	98
75) Fluoranthene	12.633	202	100764	3.974	ng	98
77) Benzidine	12.757	184	49465	3.466	ng	99
78) Pyrene	12.863	202	105536	3.446	ng	95
80) Butylbenzylphthalate	13.480	149	39302	3.145	ng	92
81) Benzo(a)anthracene	14.057	228	91120	3.695	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	29339	3.625	ng	# 97
83) Chrysene	14.092	228	85393	3.669	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	52427	3.416	ng	95
85) Di-n-octyl phthalate	14.651	149	71957	3.276	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	58209	3.024	ng	97
88) Benzo(b)fluoranthene	15.115	252	73254	3.920	ng	99
89) Benzo(k)fluoranthene	15.145	252	73287	4.039	ng	99
90) Benzo(a)pyrene	15.492	252	64316	4.253	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	48982	3.157	ng	98
92) Benzo(g,h,i)perylene	17.515	276	49838	3.091	ng	98

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

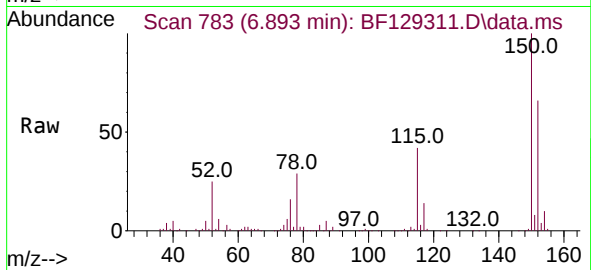
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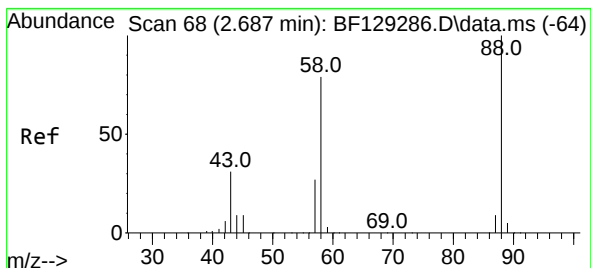
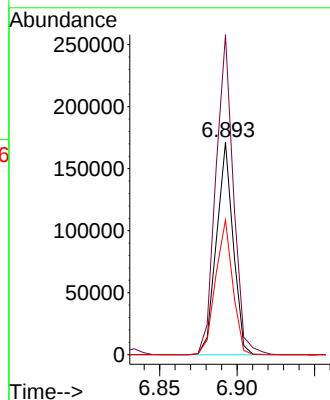
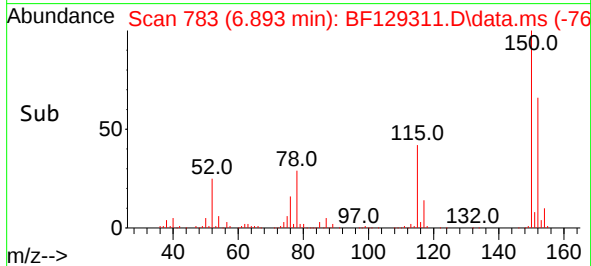


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129311.D
 Acq: 22 Jul 2022 12:35

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2022

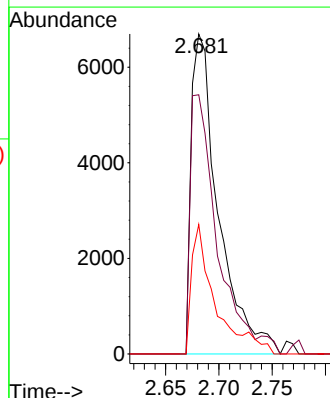
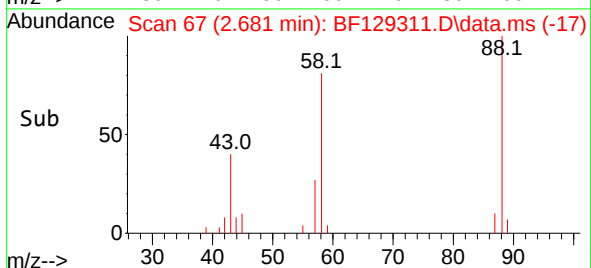
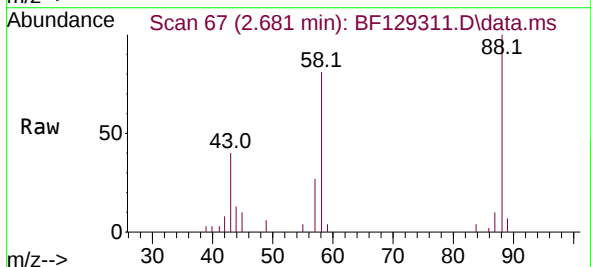


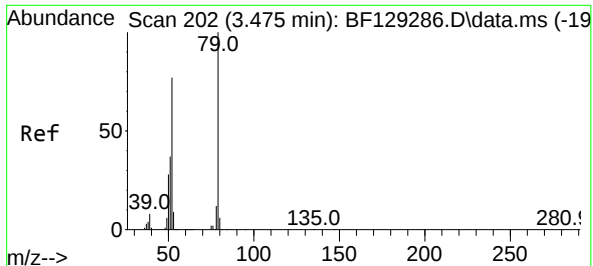
Tgt Ion:152 Resp: 128224
 Ion Ratio Lower Upper
 152 100
 150 150.4 123.7 185.5
 115 63.3 49.9 74.9



#2
 1,4-Dioxane
 Concen: 3.406 ng
 RT: 2.681 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BF129311.D
 Acq: 22 Jul 2022 12:35

Tgt Ion: 88 Resp: 11873
 Ion Ratio Lower Upper
 88 100
 58 81.2 71.8 107.8
 43 35.4 26.6 39.8

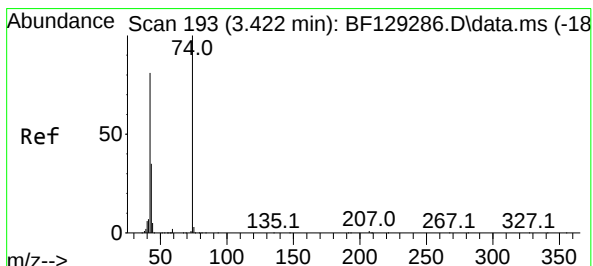
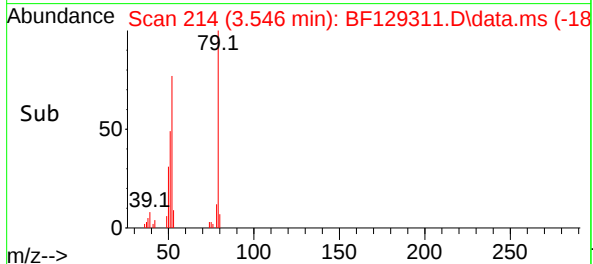
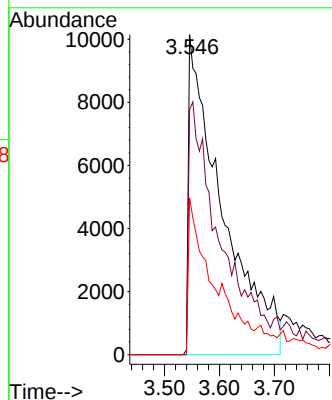
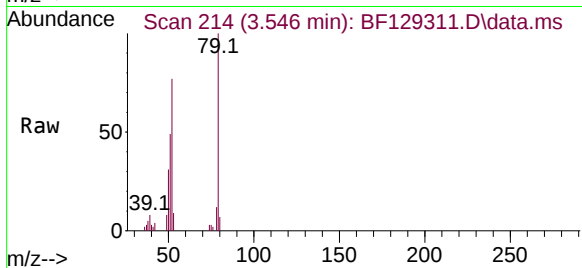




#3
 Pyridine
 Concen: 4.468 ng
 RT: 3.546 min Scan# 214
 Delta R.T. 0.071 min
 Lab File: BF129311.D
 Acq: 22 Jul 2022 12:35

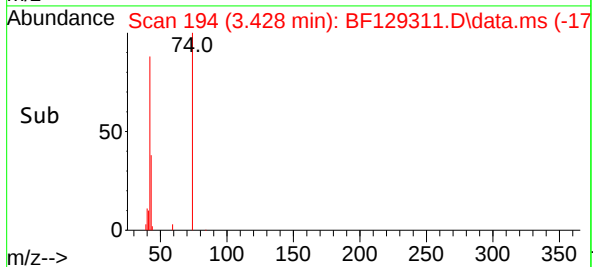
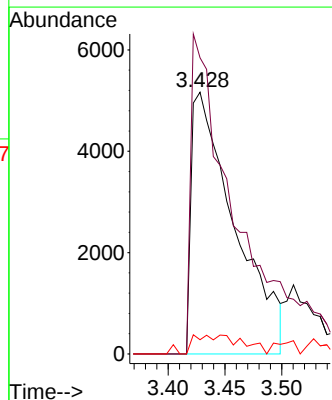
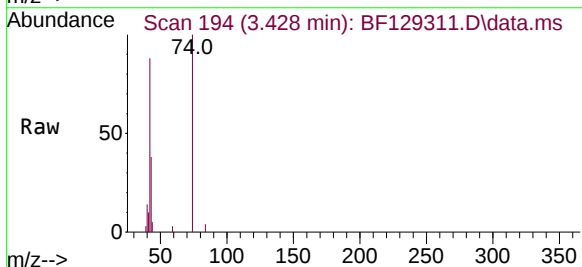
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Tgt Ion: 79 Resp: 43003
 Ion Ratio Lower Upper
 79 100
 52 76.6 68.6 102.8
 51 49.0 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 3.177 ng
 RT: 3.428 min Scan# 194
 Delta R.T. 0.006 min
 Lab File: BF129311.D
 Acq: 22 Jul 2022 12:35

Tgt Ion: 42 Resp: 13730
 Ion Ratio Lower Upper
 42 100
 74 113.1 94.8 142.2
 44 5.5 6.6 10.0#

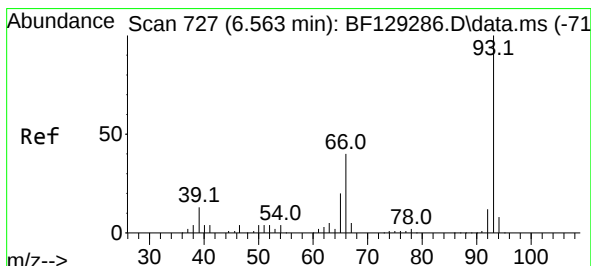
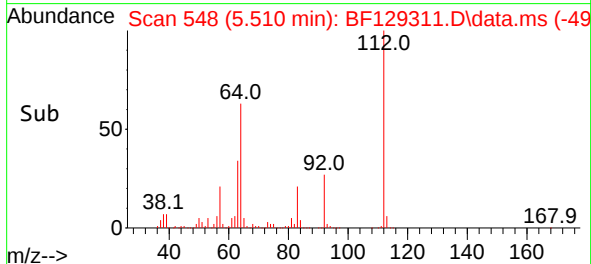
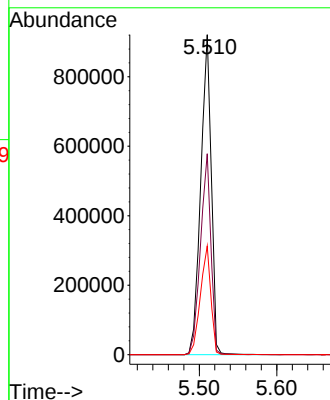
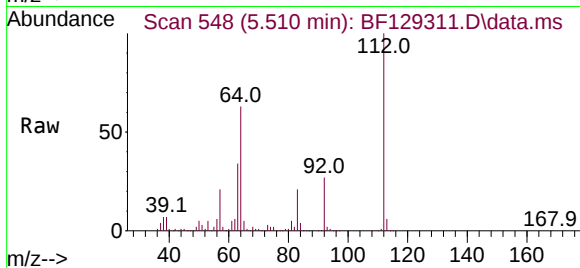




#5
2-Fluorophenol
Concen: 110.874 ng
RT: 5.510 min Scan# 54
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

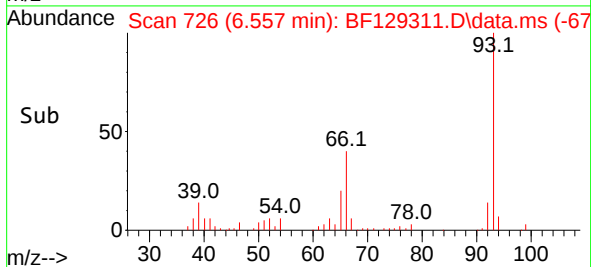
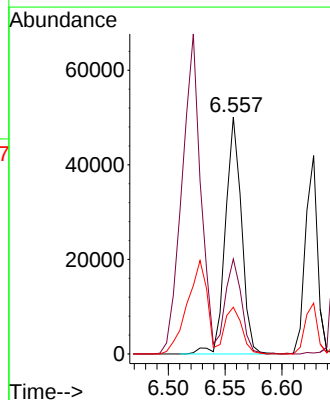
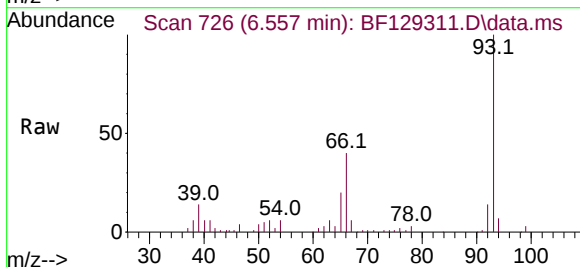
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ClientSampleId :
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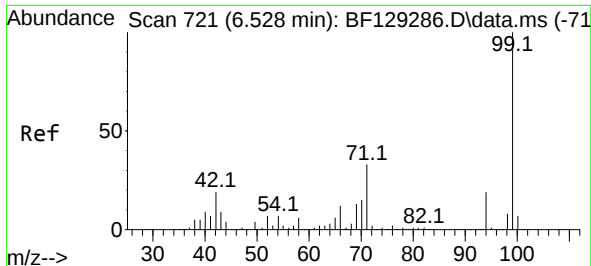
Tgt Ion:112 Resp: 871633
Ion Ratio Lower Upper
112 100
64 62.8 53.3 79.9
63 33.9 28.0 42.0



#6
Aniline
Concen: 4.000 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion: 93 Resp: 49322
Ion Ratio Lower Upper
93 100
66 40.1 32.5 48.7
65 19.7 16.4 24.6

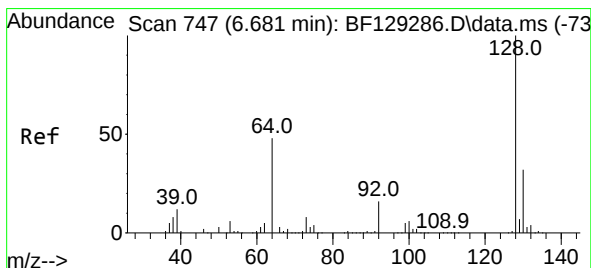
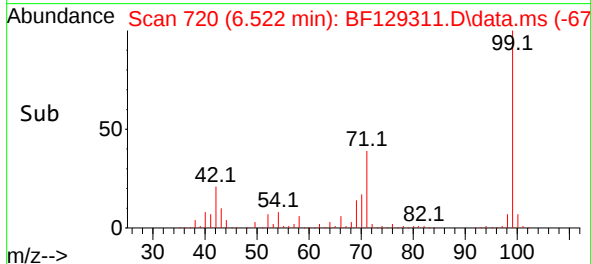
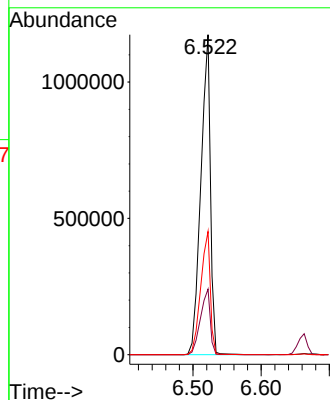
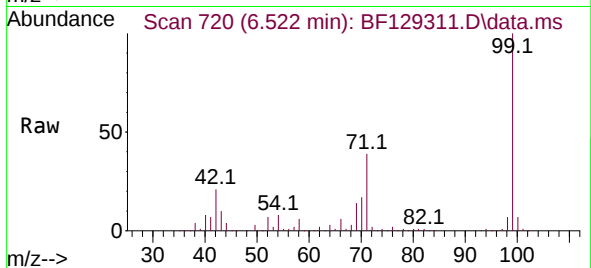




#7
Phenol-d6
Concen: 114.427 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

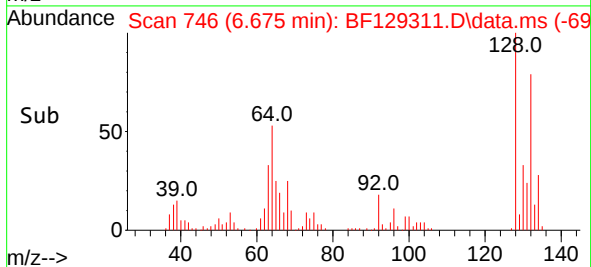
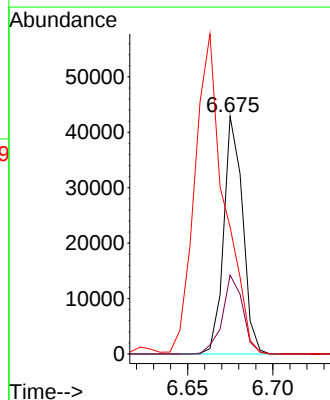
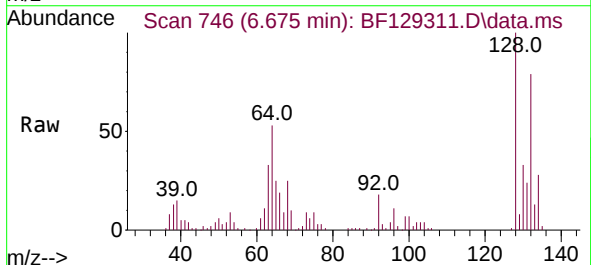
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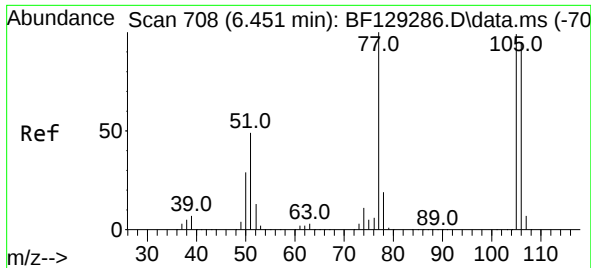
Tgt Ion: 99 Resp: 1146734
Ion Ratio Lower Upper
99 100
42 20.5 17.3 25.9
71 38.5 28.9 43.3



#8
2-Chlorophenol
Concen: 3.841 ng
RT: 6.675 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion: 128 Resp: 33106
Ion Ratio Lower Upper
128 100
130 33.2 13.1 53.1
64 53.4 30.9 70.9





#9

Benzaldehyde

Concen: 4.139 ng

RT: 6.445 min Scan# 708

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

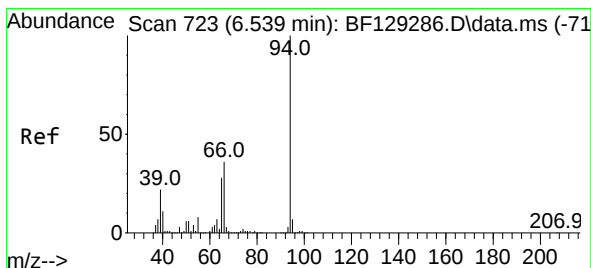
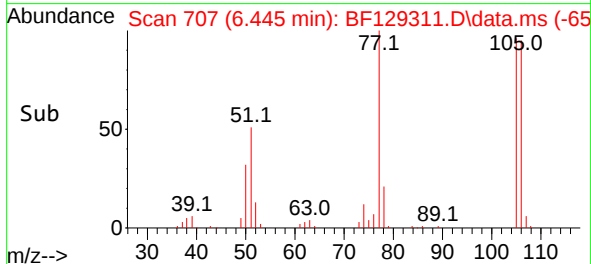
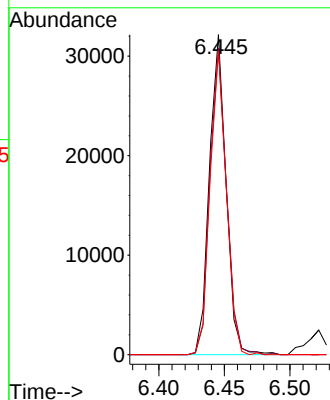
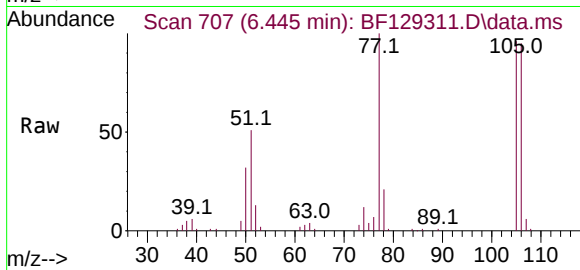
Tgt Ion: 77 Resp: 28453

Ion Ratio Lower Upper

77 100

105 95.9 81.6 121.6

106 94.9 76.1 116.1



#10

Phenol

Concen: 3.605 ng

RT: 6.528 min Scan# 721

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

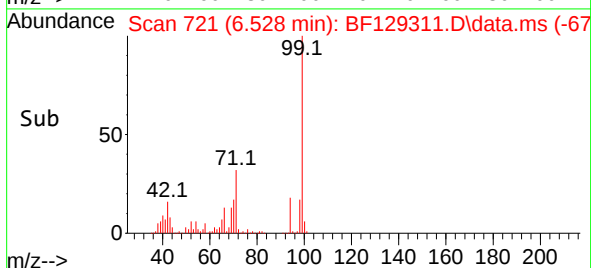
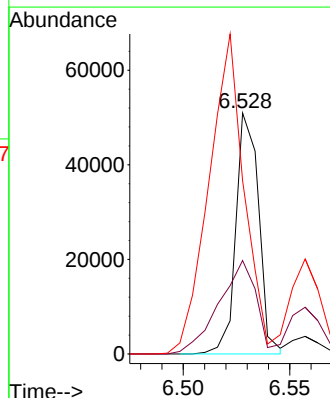
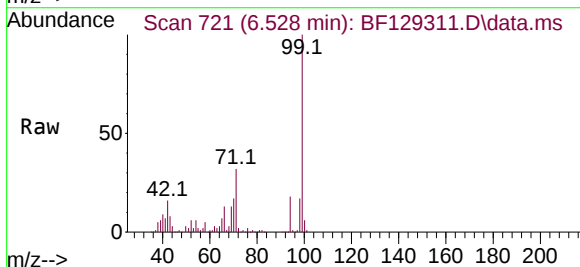
Tgt Ion: 94 Resp: 37969

Ion Ratio Lower Upper

94 100

65 38.8 11.4 51.4

66 71.9 21.4 61.4#

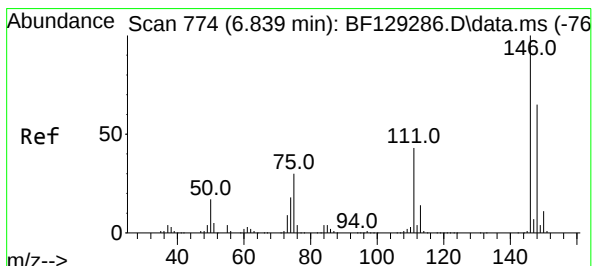
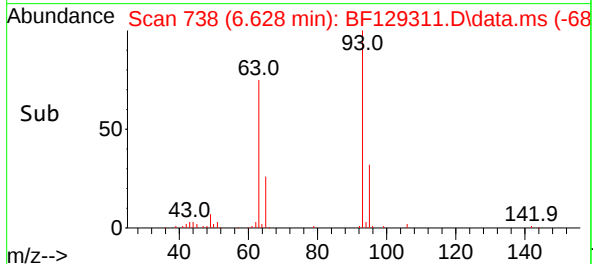
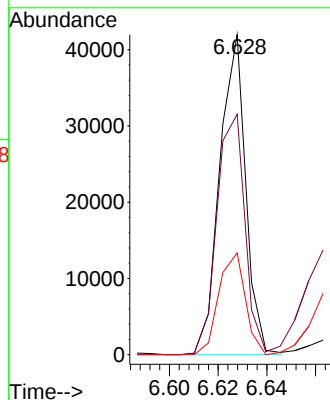
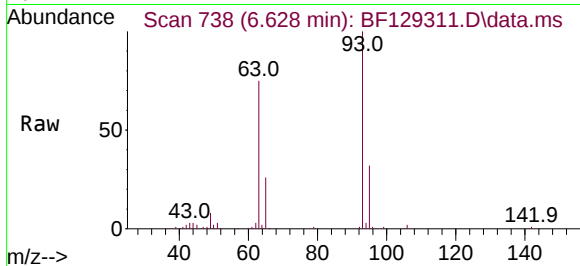




#11
bis(2-Chloroethyl)ether
Concen: 3.733 ng
RT: 6.628 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

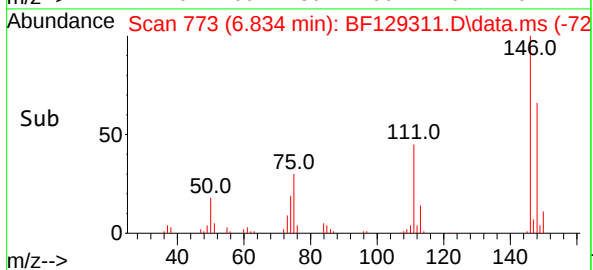
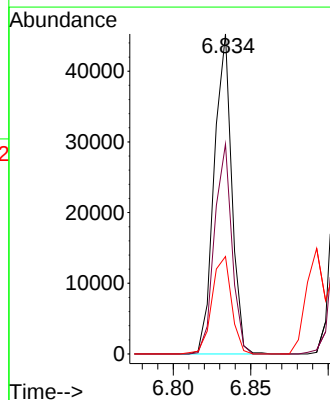
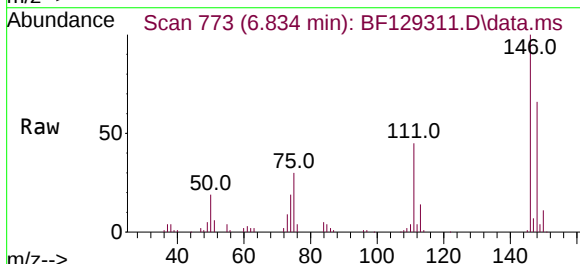
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

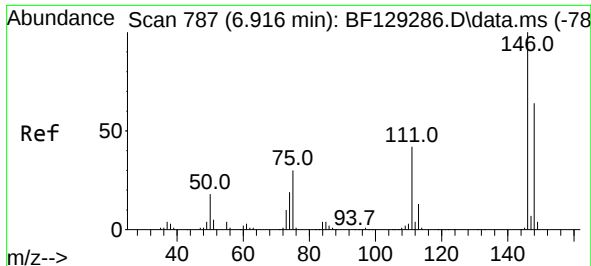
Tgt Ion: 93 Resp: 31120
Ion Ratio Lower Upper
93 100
63 75.1 67.4 107.4
95 31.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 3.845 ng
RT: 6.834 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion: 146 Resp: 35714
Ion Ratio Lower Upper
146 100
148 65.6 50.6 75.8
75 30.5 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 3.870 ng

RT: 6.910 min Scan# 786

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

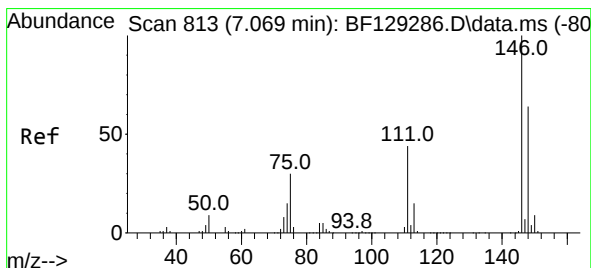
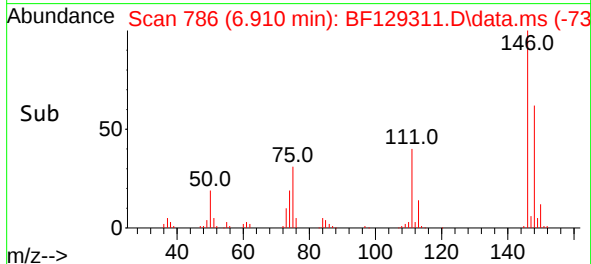
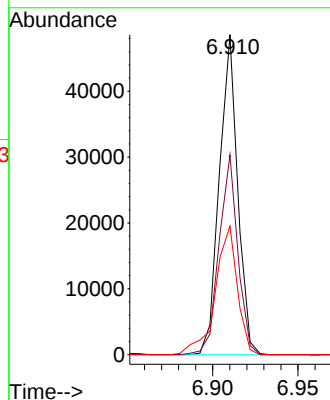
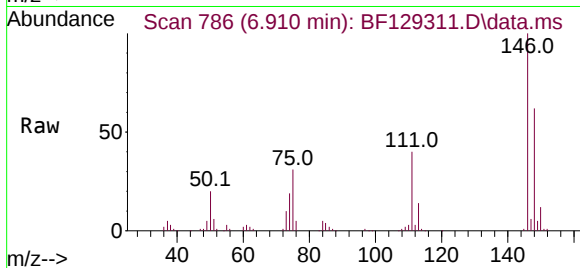
Tgt Ion:146 Resp: 36375

Ion Ratio Lower Upper

146 100

148 62.4 51.1 76.7

111 40.2 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 3.993 ng

RT: 7.063 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

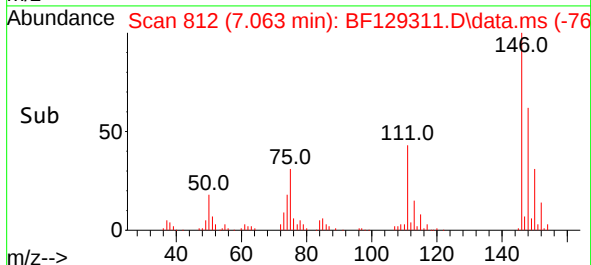
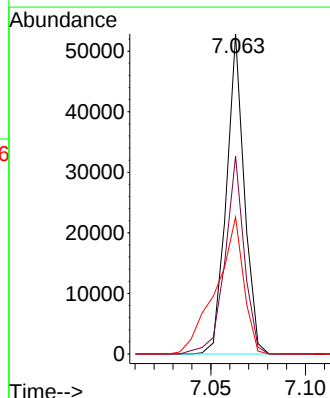
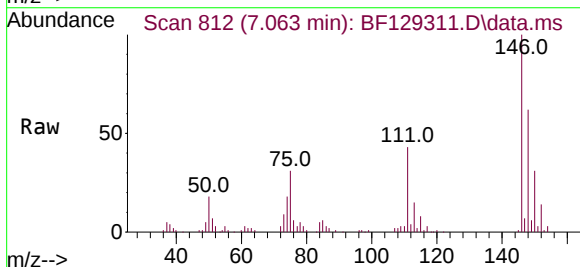
Tgt Ion:146 Resp: 34677

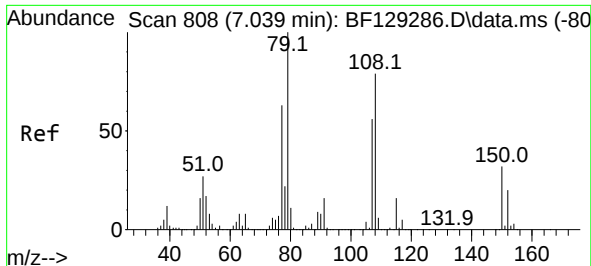
Ion Ratio Lower Upper

146 100

148 61.8 51.8 77.8

111 42.8 35.1 52.7

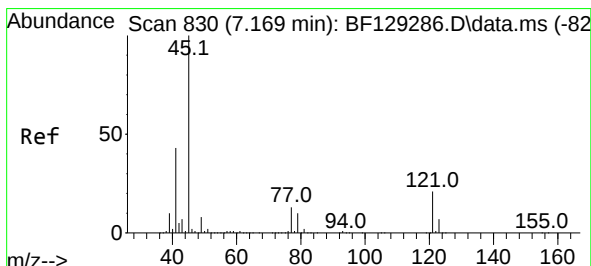
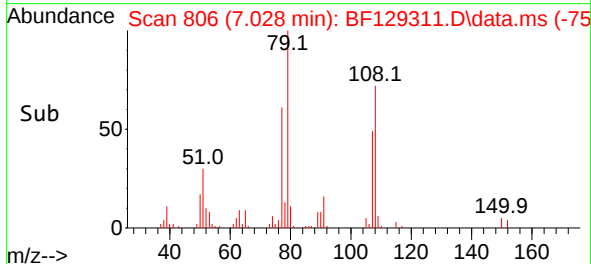
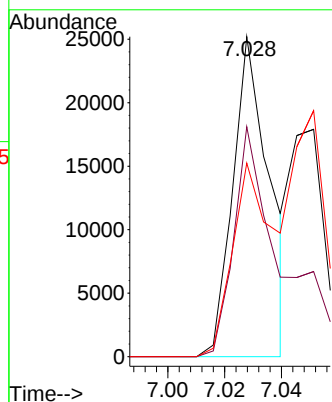
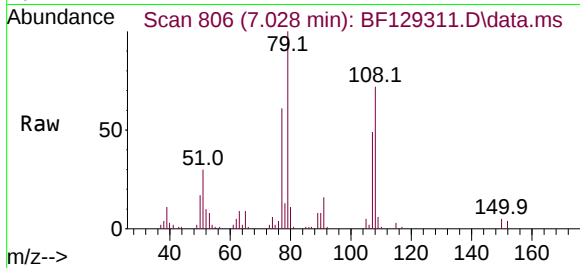




#15
Benzyl Alcohol
Concen: 3.117 ng
RT: 7.028 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

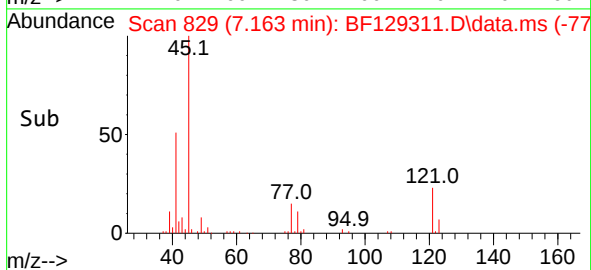
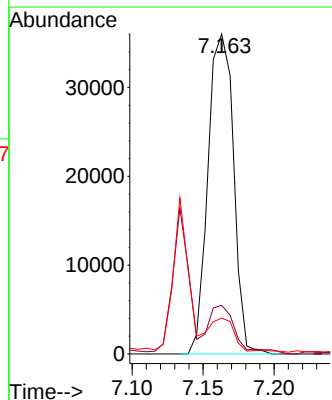
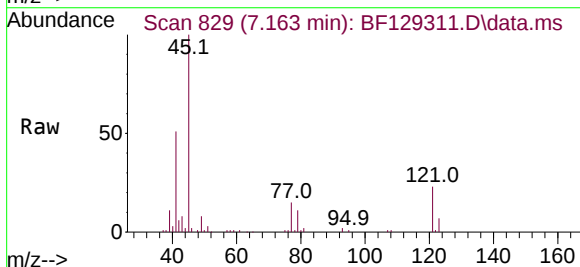
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

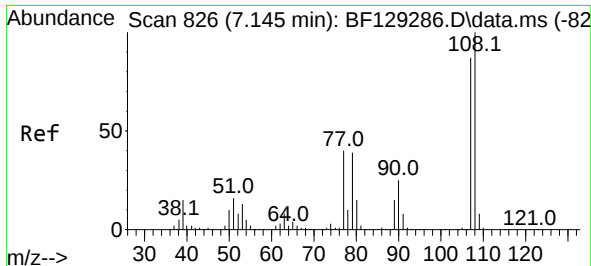
Tgt Ion: 79 Resp: 22665
Ion Ratio Lower Upper
79 100
108 71.8 61.8 92.6
77 60.5 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.544 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion: 45 Resp: 45050
Ion Ratio Lower Upper
45 100
77 15.2 0.0 31.3
79 11.2 0.0 28.3





#17

2-Methylphenol

Concen: 3.723 ng

RT: 7.134 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:107 Resp: 26150

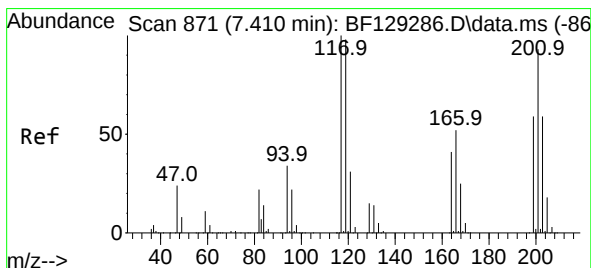
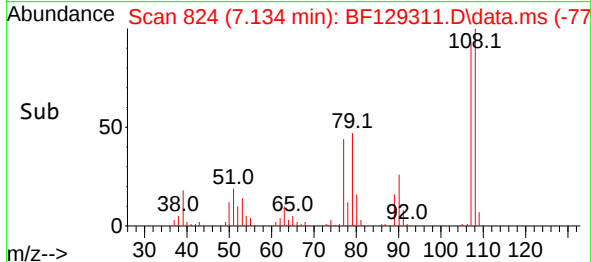
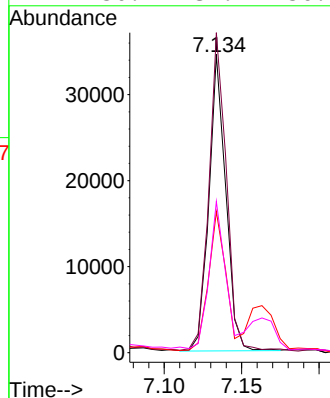
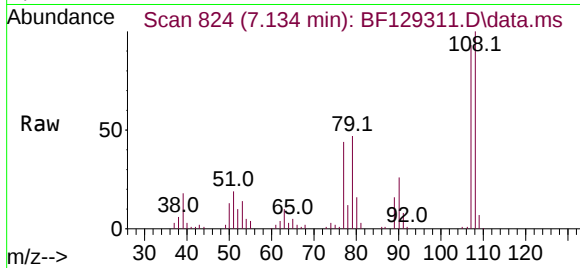
Ion Ratio Lower Upper

107 100

108 107.3 91.9 137.9

77 47.3 37.8 56.8

79 50.7 37.4 56.0



#18

Hexachloroethane

Concen: 3.906 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

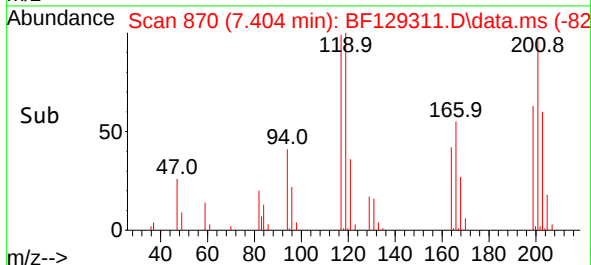
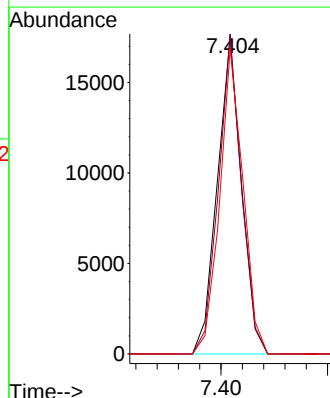
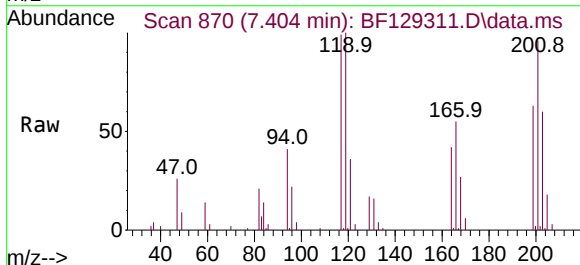
Tgt Ion:117 Resp: 13773

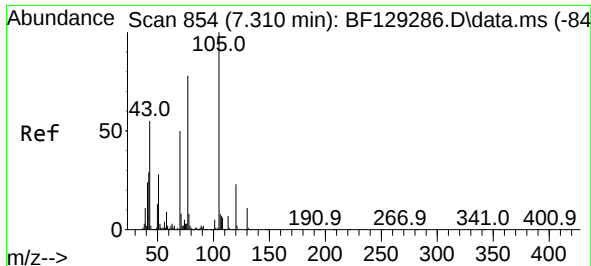
Ion Ratio Lower Upper

117 100

119 100.7 77.4 116.2

201 96.2 84.6 127.0

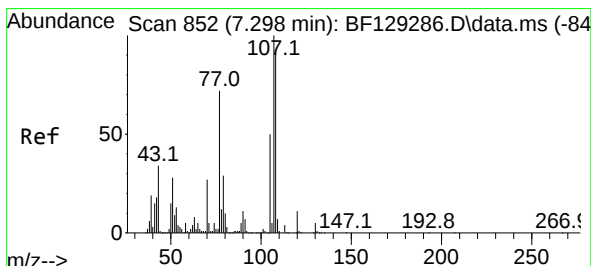
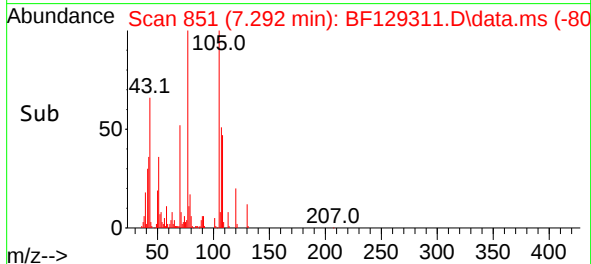
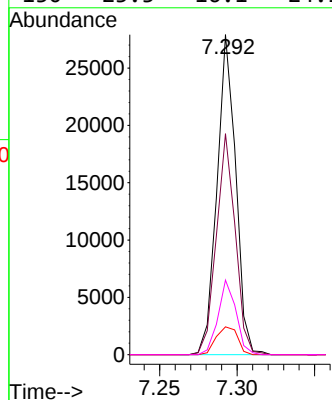
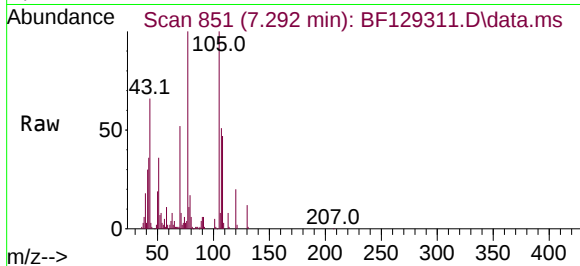




#19
n-Nitroso-di-n-propylamine
Concen: 3.933 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

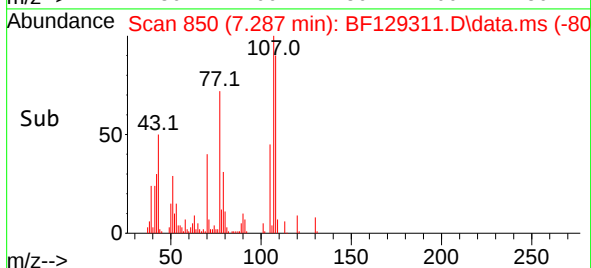
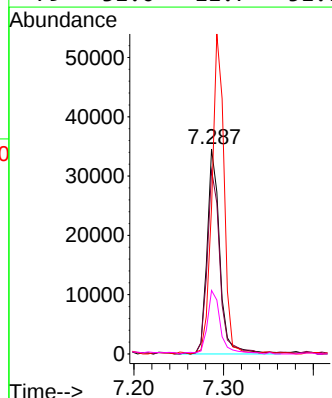
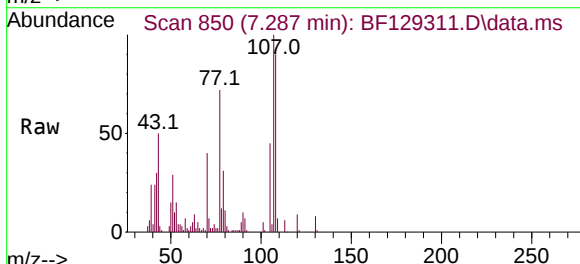
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

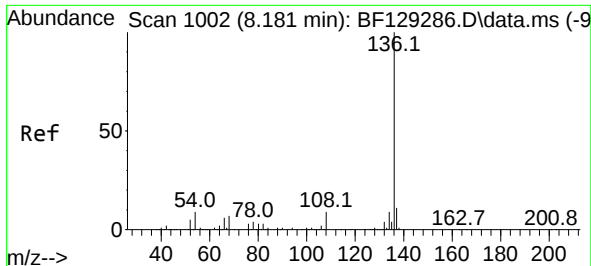
Tgt Ion:	70	Resp:	23485
Ion	Ratio	Lower	Upper
70	100		
42	69.0	52.3	78.5
101	8.7	7.5	11.3
130	23.3	16.1	24.1



#20
3+4-Methylphenols
Concen: 3.711 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:	107	Resp:	33990
Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.8	111.8
77	71.6	59.3	99.3
79	31.0	11.7	51.7

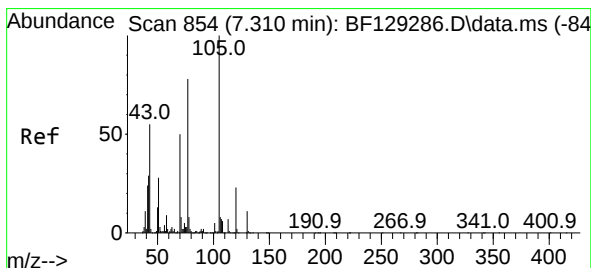
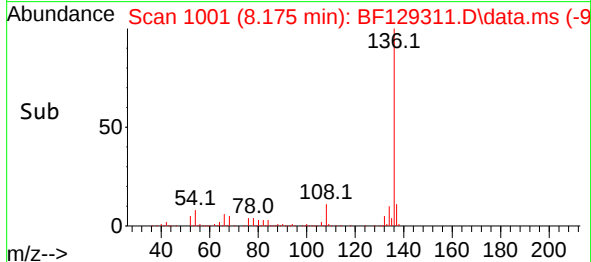
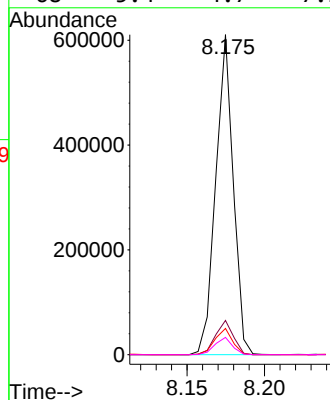
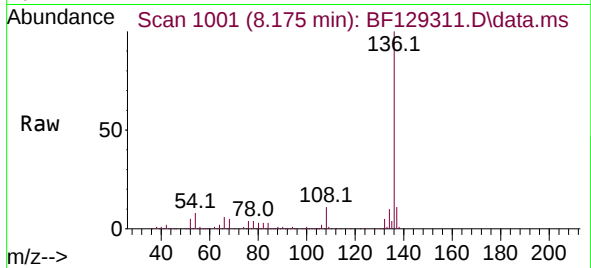




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

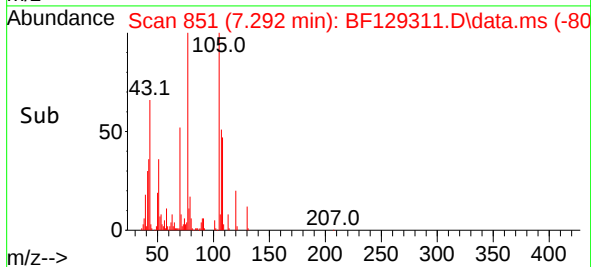
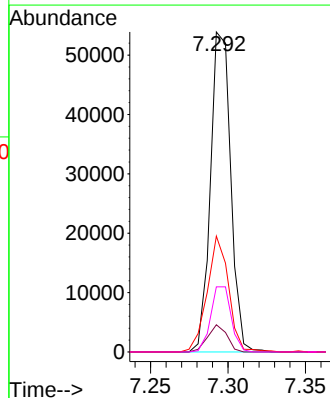
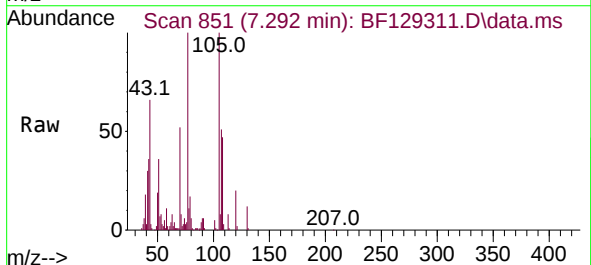
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

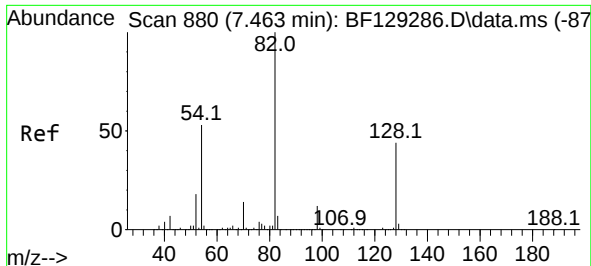
Tgt Ion:136	Resp: 479932
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 8.2	7.5 11.3
68 5.4	4.7 7.1



#22
Acetophenone
Concen: 4.358 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt	Ion:105	Resp:	49115
Ion	Ratio	Lower	Upper
105	100		
71	8.5	5.0	7.4#
51	36.2	25.0	37.4
120	20.3	17.8	26.8

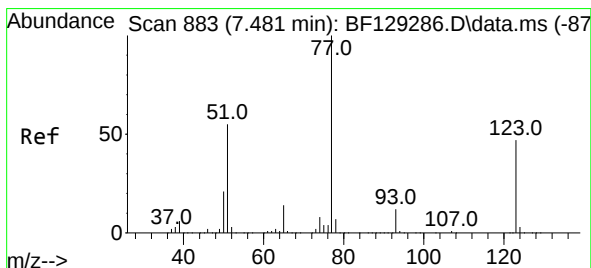
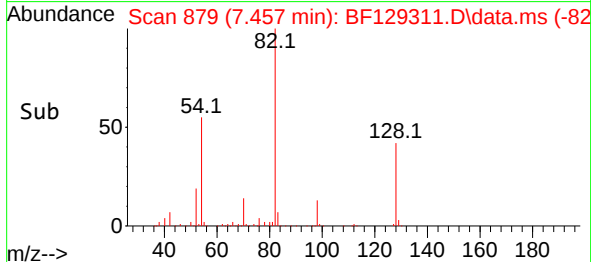
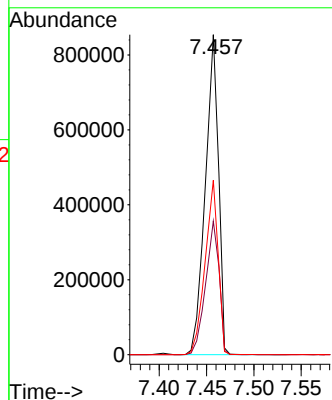
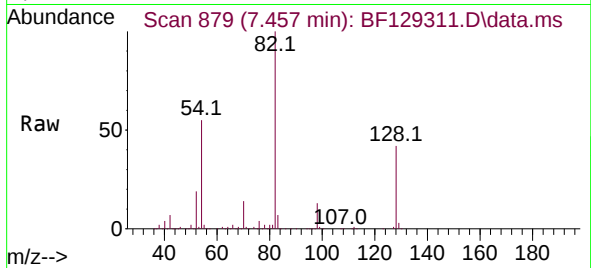




#23
Nitrobenzene-d5
Concen: 92.496 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

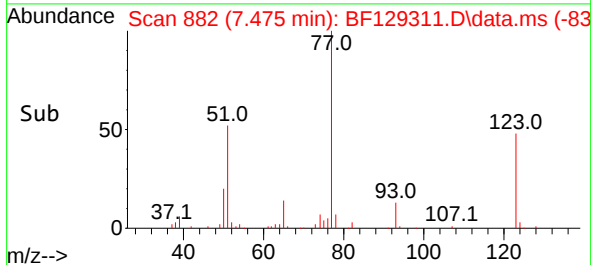
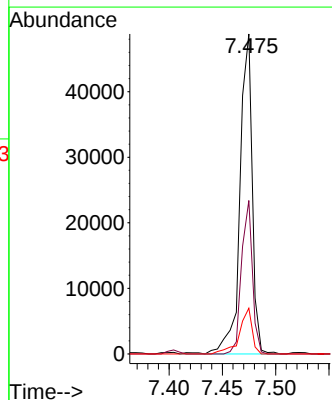
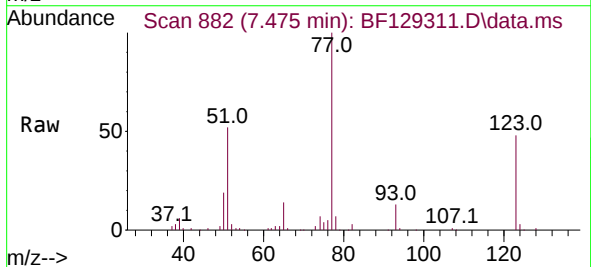
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 82 Resp: 825136
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 54.5 46.9 70.3



#24
Nitrobenzene
Concen: 4.299 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion: 77 Resp: 39503
Ion Ratio Lower Upper
77 100
123 48.0 35.4 53.2
65 14.3 11.8 17.8

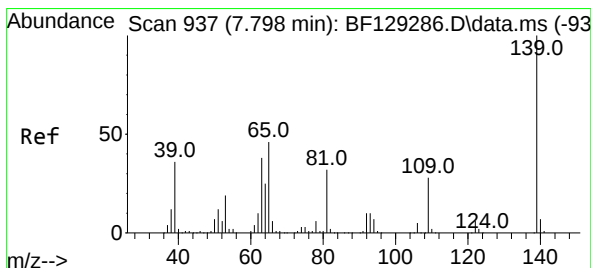
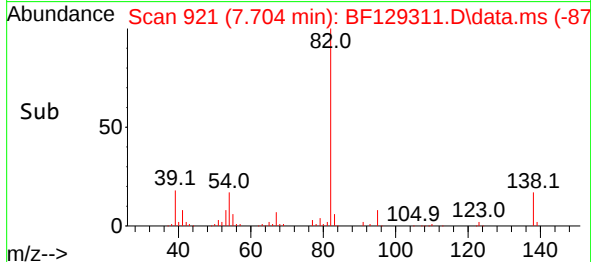
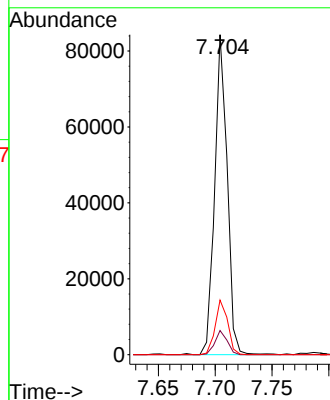
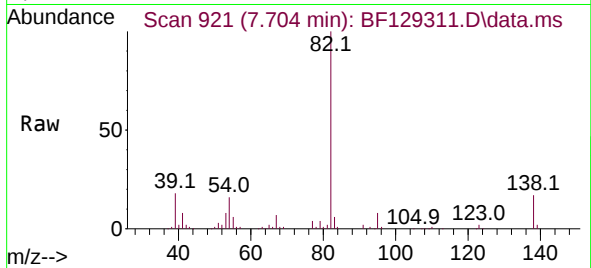




#25
Isophorone
Concen: 4.123 ng
RT: 7.704 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

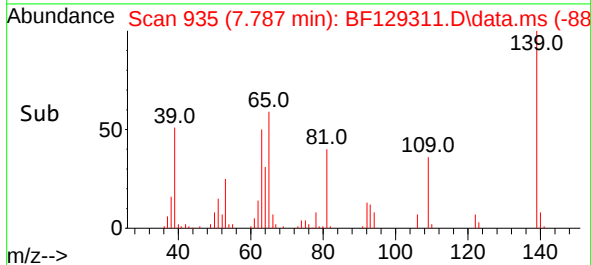
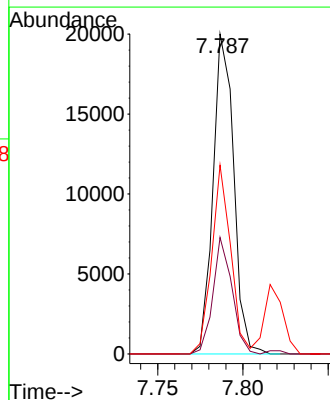
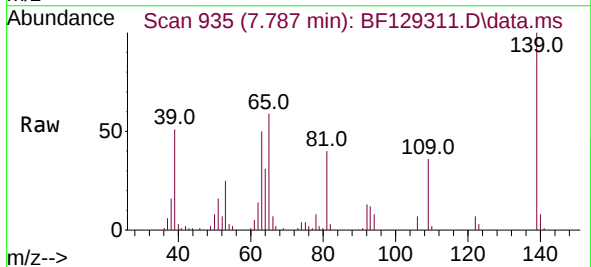
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

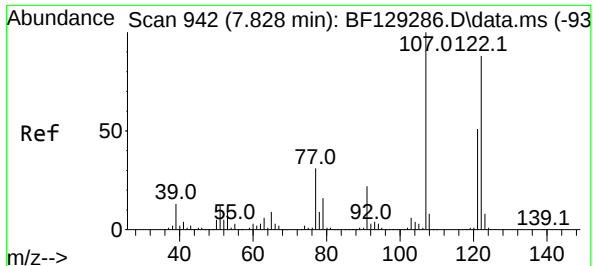
Tgt Ion: 82 Resp: 64579
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 17.0 14.2 21.2



#26
2-Nitrophenol
Concen: 3.800 ng
RT: 7.787 min Scan# 935
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion: 139 Resp: 16846
Ion Ratio Lower Upper
139 100
109 36.4 25.0 37.4
65 59.0 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 4.218 ng

RT: 7.822 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

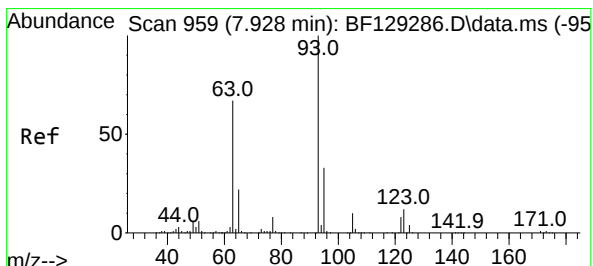
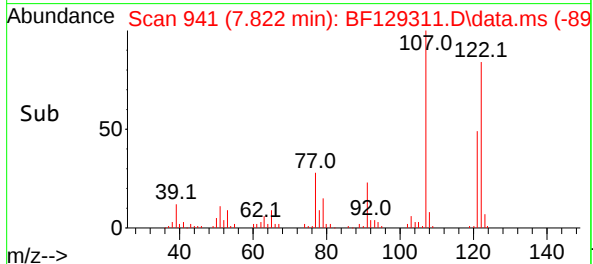
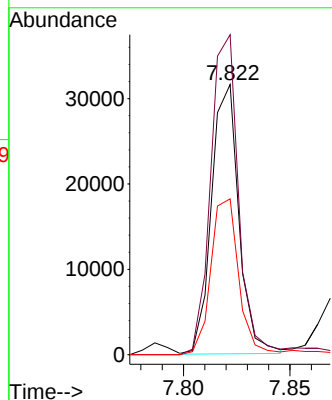
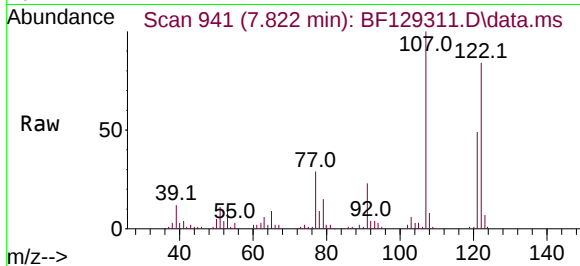
Tgt Ion:122 Resp: 28134

Ion Ratio Lower Upper

122 100

107 118.4 93.0 139.6

121 57.7 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 4.268 ng

RT: 7.916 min Scan# 957

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

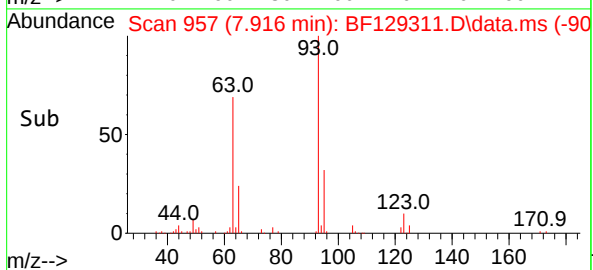
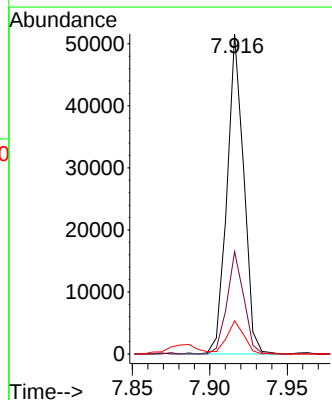
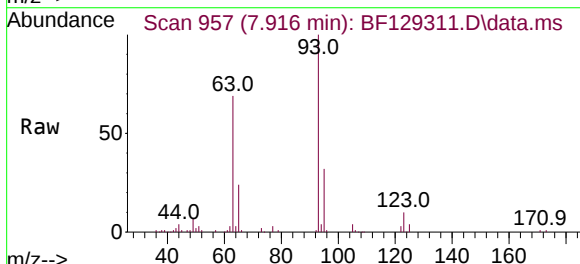
Tgt Ion: 93 Resp: 38722

Ion Ratio Lower Upper

93 100

95 32.0 26.8 40.2

123 10.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 3.899 ng

RT: 8.028 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

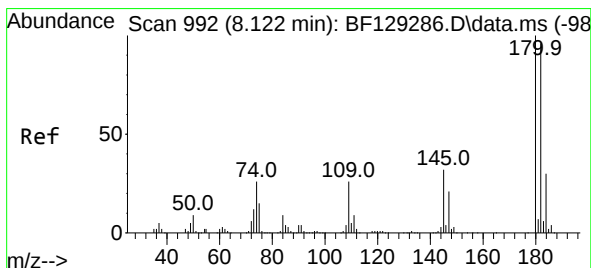
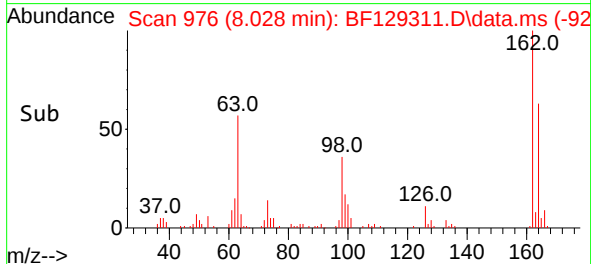
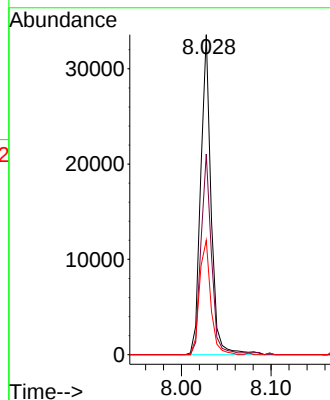
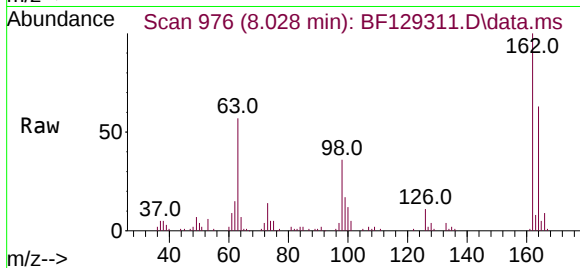
Tgt Ion:162 Resp: 27047

Ion Ratio Lower Upper

162 100

164 62.7 44.2 84.2

98 35.7 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 4.009 ng

RT: 8.116 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

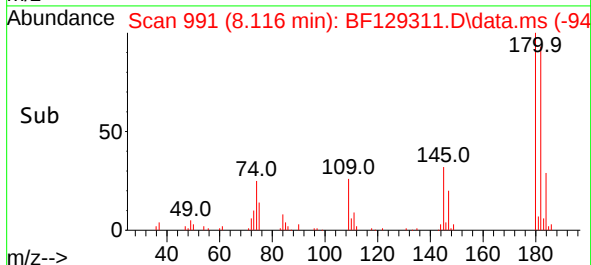
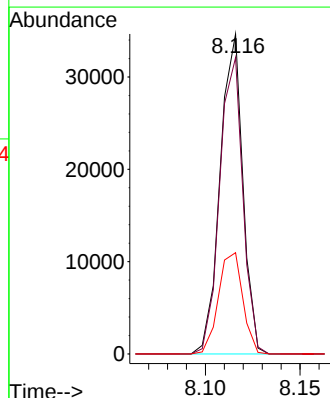
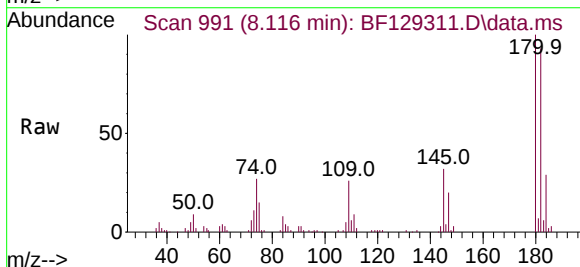
Tgt Ion:180 Resp: 28903

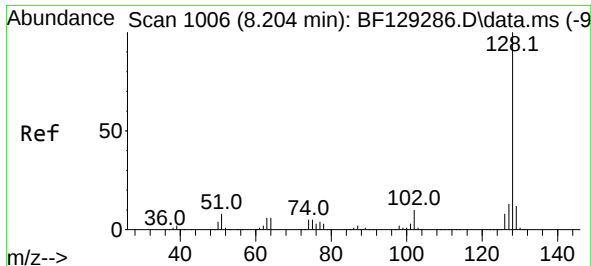
Ion Ratio Lower Upper

180 100

182 92.6 79.2 118.8

145 31.6 26.2 39.2

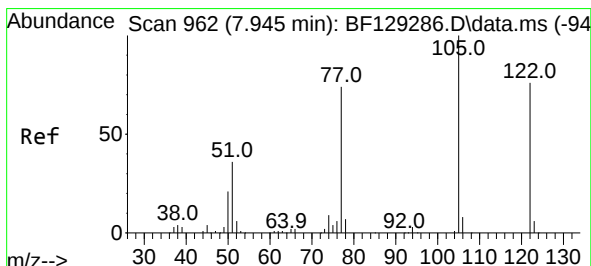
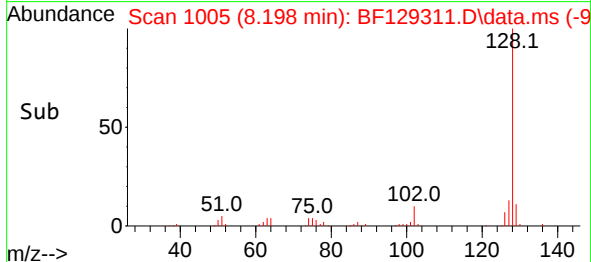
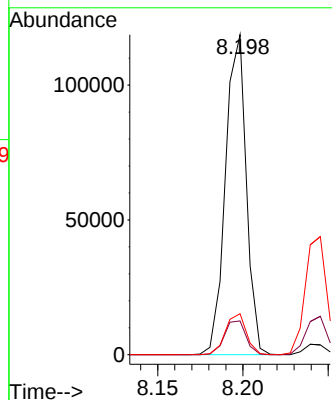
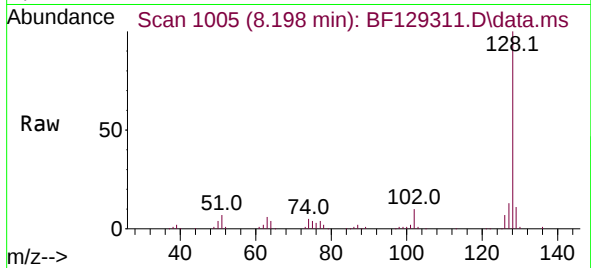




#31
Naphthalene
Concen: 4.095 ng
RT: 8.198 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

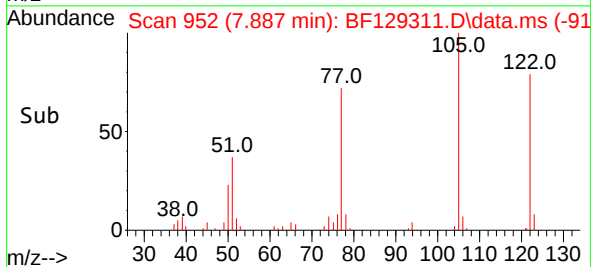
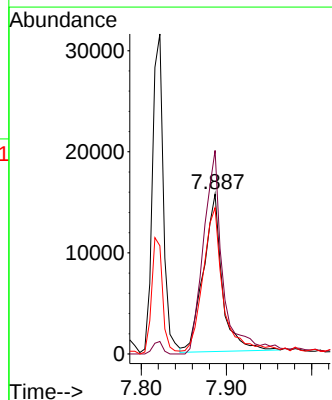
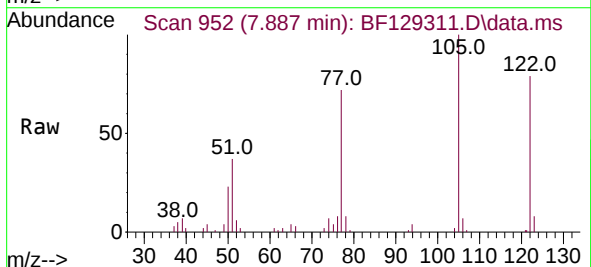
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

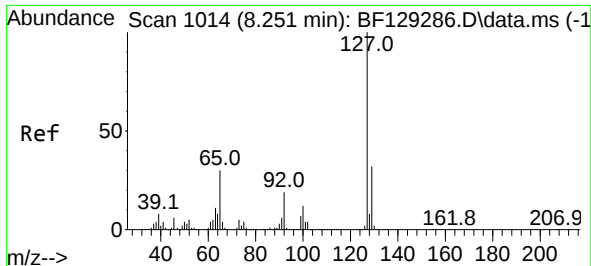
Tgt Ion:128 Resp: 100805
Ion Ratio Lower Upper
128 100
129 10.5 9.2 13.8
127 12.8 10.5 15.7



#32
Benzoic acid
Concen: 4.926 ng
RT: 7.887 min Scan# 952
Delta R.T. -0.059 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:122 Resp: 24016
Ion Ratio Lower Upper
122 100
105 127.3 107.1 147.1
77 91.5 74.2 114.2

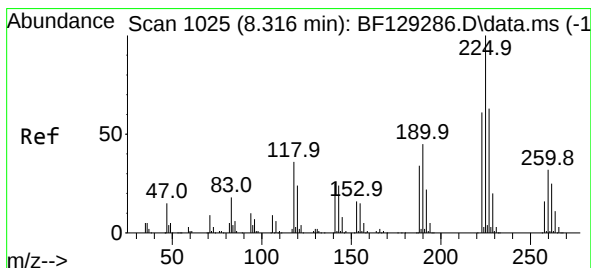
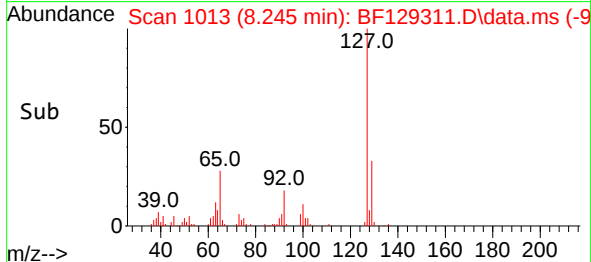
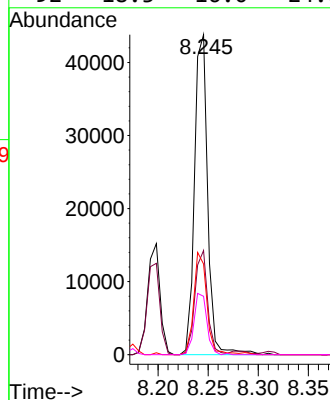
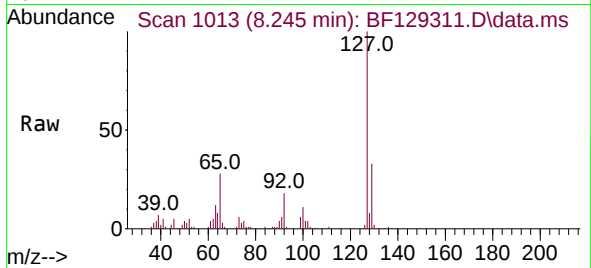




#33
4-Chloroaniline
Concen: 3.983 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

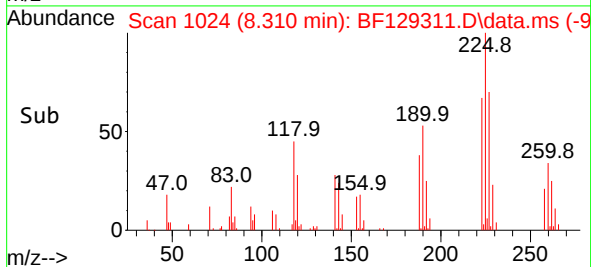
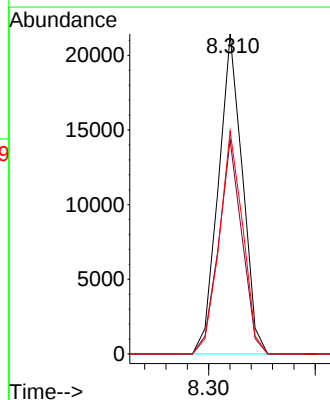
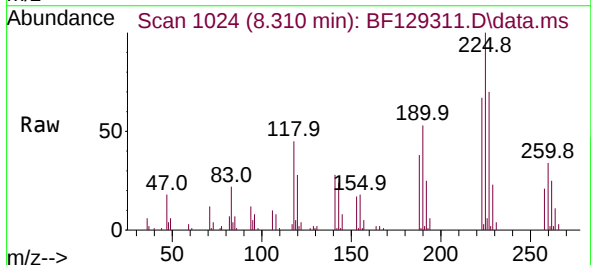
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

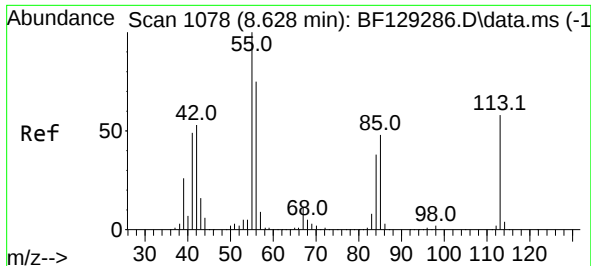
Tgt Ion:	127	Resp:	39989
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.4	39.6
65	28.3	26.4	39.6
92	18.3	16.0	24.0



#34
Hexachlorobutadiene
Concen: 4.074 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:	225	Resp:	16790
Ion	Ratio	Lower	Upper
225	100		
223	66.9	51.0	76.6
227	69.7	51.1	76.7





#35

Caprolactam

Concen: 3.752 ng

RT: 8.575 min Scan# 1069

Delta R.T. -0.053 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

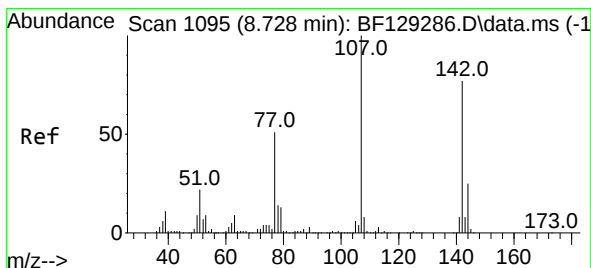
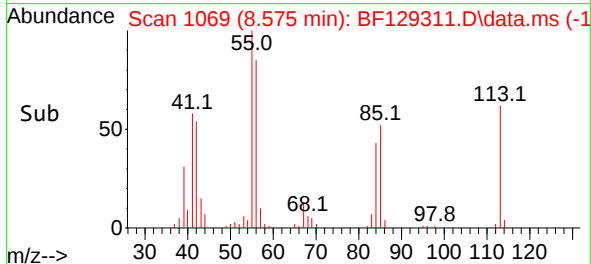
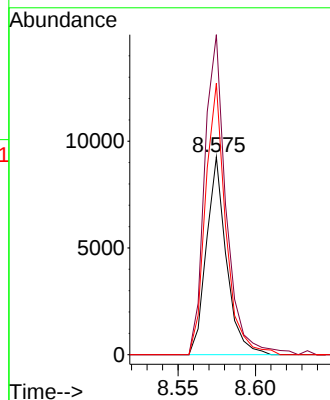
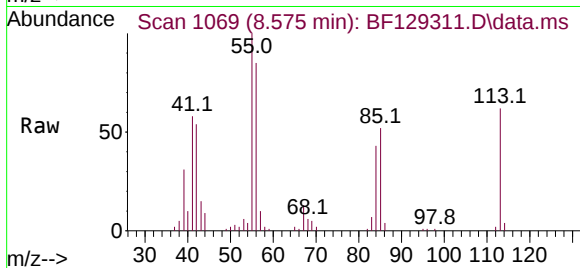
Tgt Ion:113 Resp: 8302

Ion Ratio Lower Upper

113 100

55 161.8 188.5 228.5#

56 137.2 130.6 170.6



#36

4-Chloro-3-methylphenol

Concen: 4.075 ng

RT: 8.716 min Scan# 1093

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

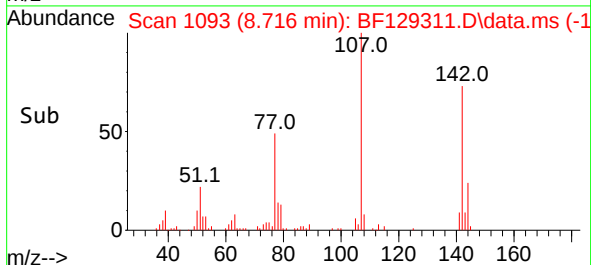
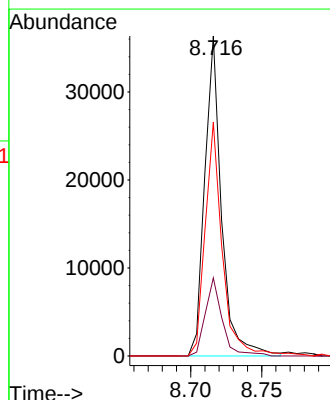
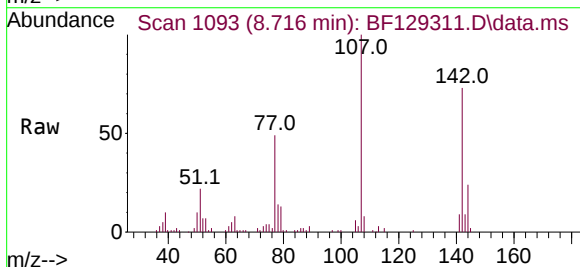
Tgt Ion:107 Resp: 30034

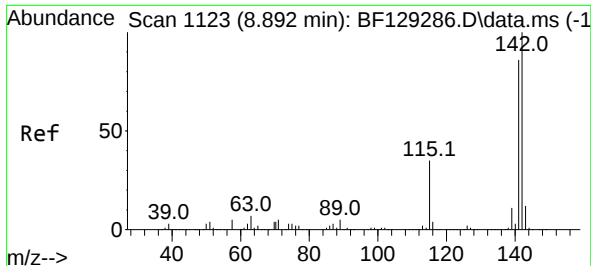
Ion Ratio Lower Upper

107 100

144 24.4 19.5 29.3

142 73.1 58.2 87.4

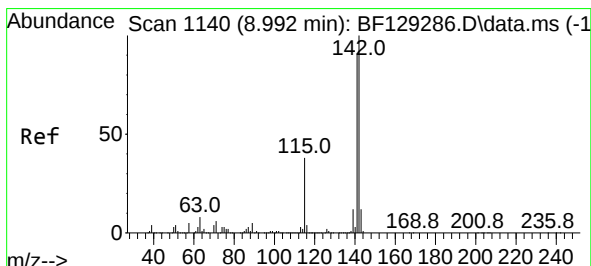
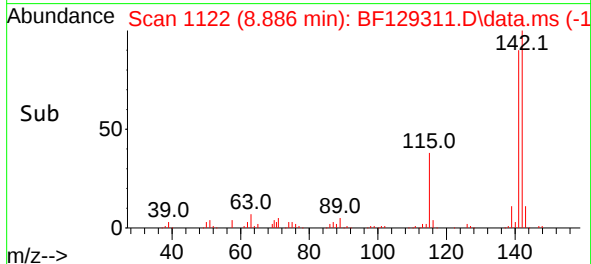
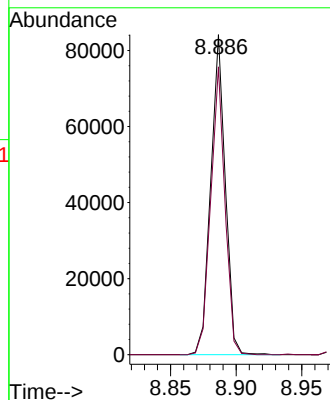
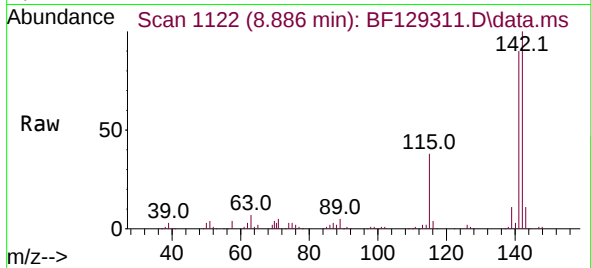




#37
2-Methylnaphthalene
Concen: 4.084 ng
RT: 8.886 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

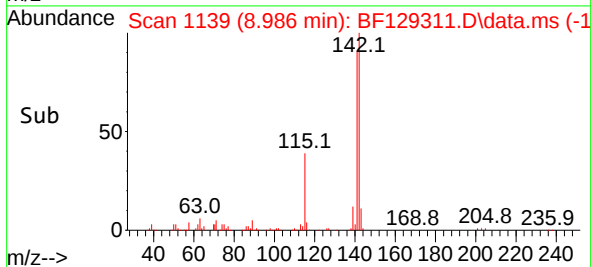
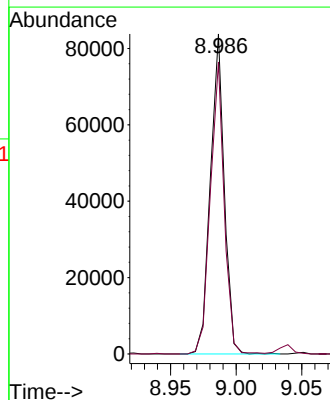
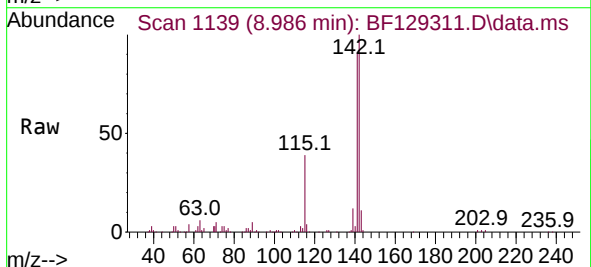
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

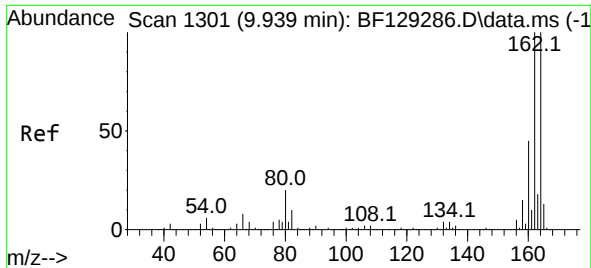
Tgt Ion:142 Resp: 65144
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.4



#38
1-Methylnaphthalene
Concen: 4.009 ng
RT: 8.986 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:142 Resp: 61871
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4

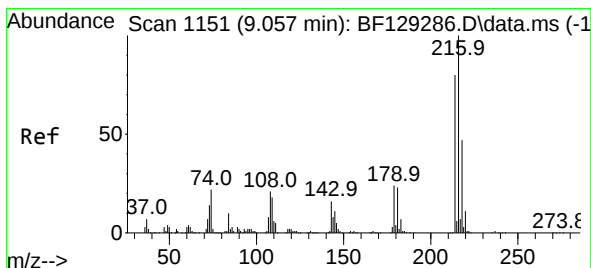
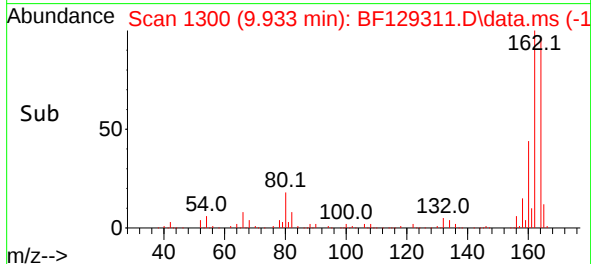
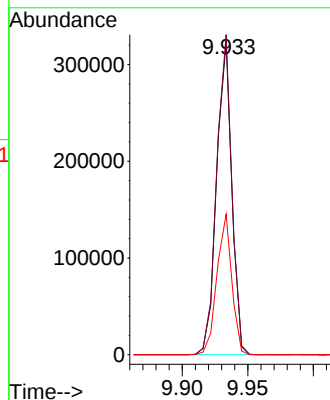
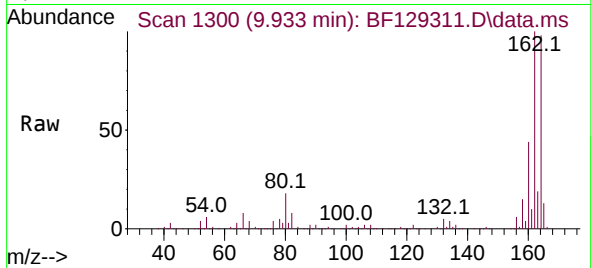




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

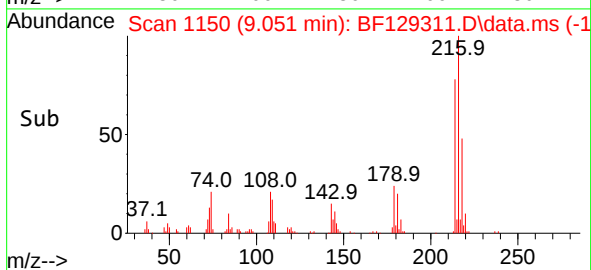
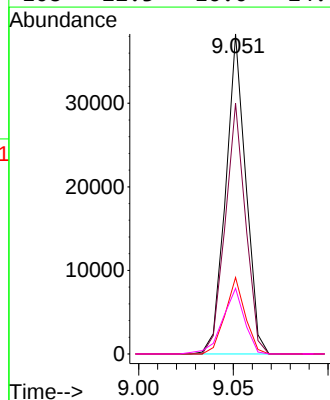
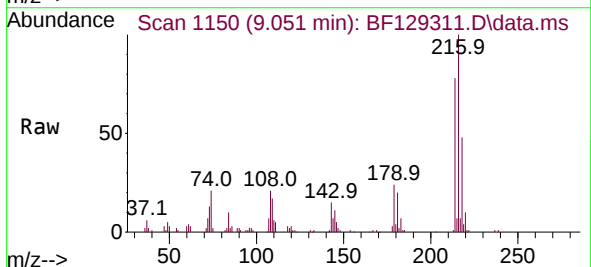
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:164 Resp: 259744
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 44.9 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.141 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

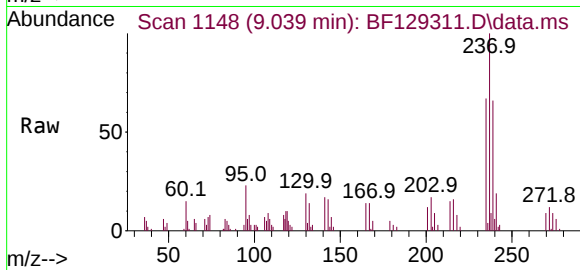
Tgt Ion:216 Resp: 28235
Ion Ratio Lower Upper
216 100
214 79.0 63.6 95.4
179 23.7 17.0 25.6
108 22.3 16.0 24.0



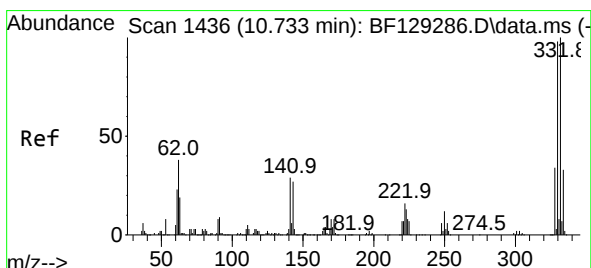
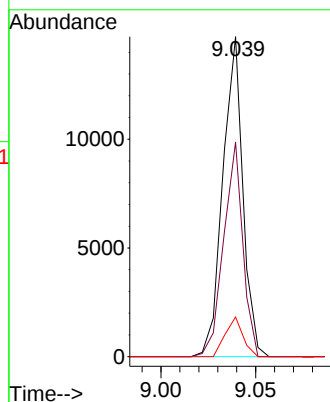
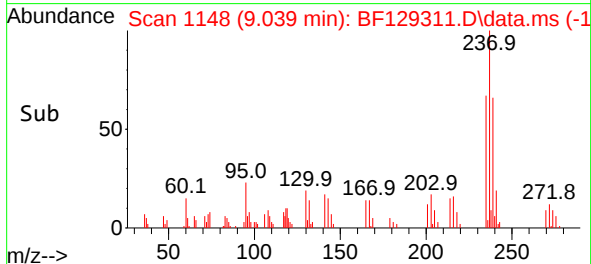


#41
Hexachlorocyclopentadiene
Concen: 3.603 ng
RT: 9.039 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

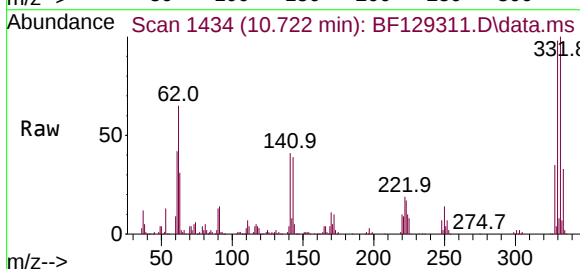
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



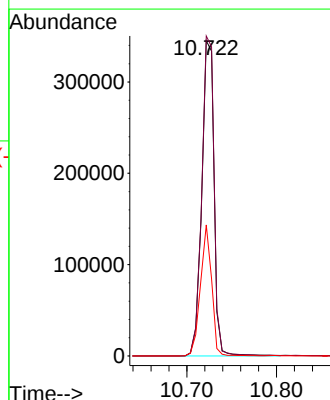
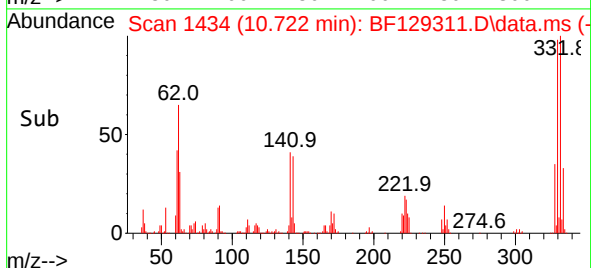
Tgt Ion:237 Resp: 10828
Ion Ratio Lower Upper
237 100
235 67.1 43.2 83.2
272 12.4 0.0 31.9

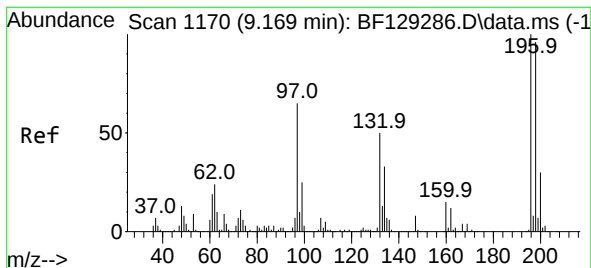


#42
2,4,6-Tribromophenol
Concen: 130.617 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



Tgt Ion:330 Resp: 327326
Ion Ratio Lower Upper
330 100
332 101.6 76.8 115.2
141 38.0 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 3.557 ng

RT: 9.163 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

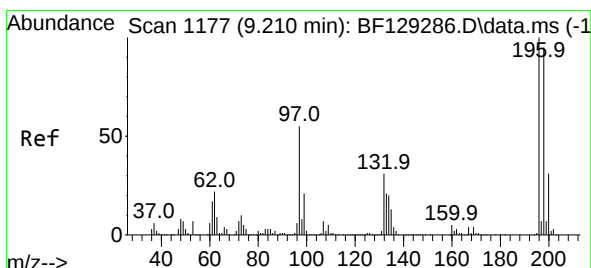
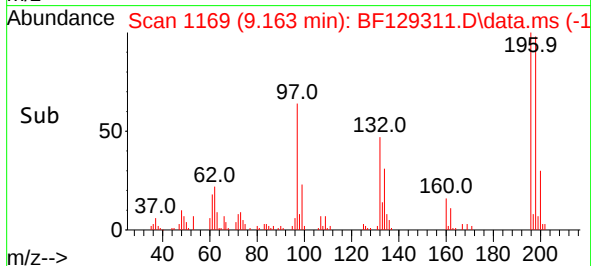
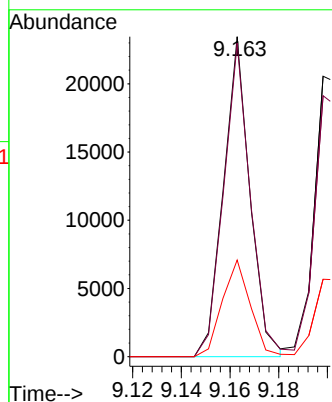
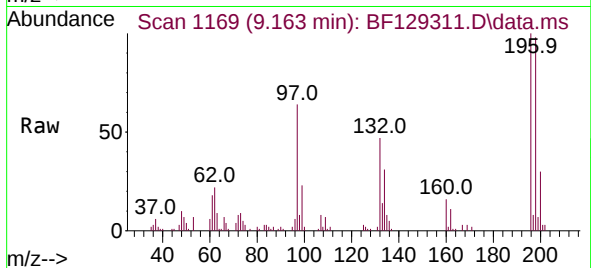
Tgt Ion:196 Resp: 17727

Ion Ratio Lower Upper

196 100

198 98.0 74.0 111.0

200 30.2 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 3.712 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Tgt Ion:196 Resp: 20069

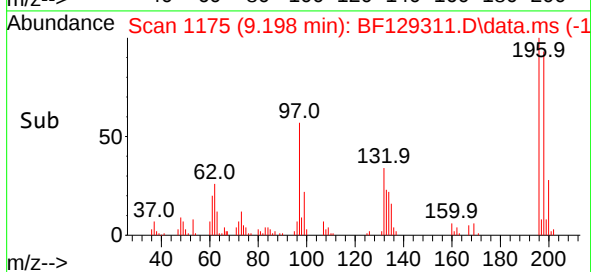
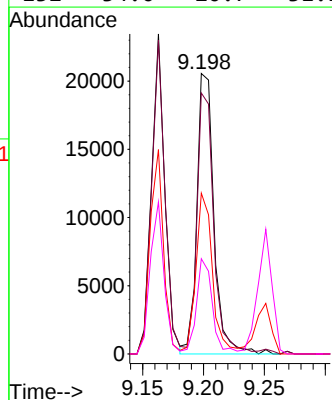
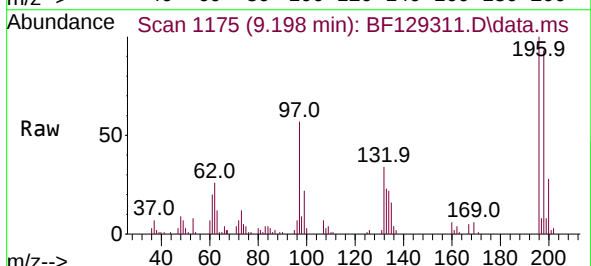
Ion Ratio Lower Upper

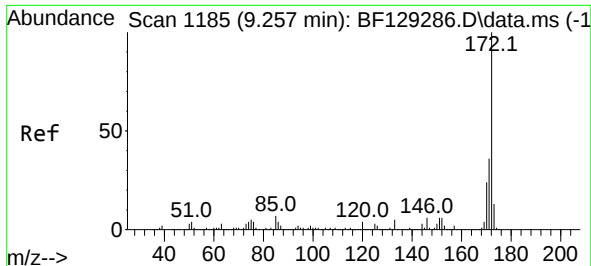
196 100

198 93.0 75.7 113.5

97 57.3 36.4 54.6#

132 34.0 20.7 31.1#





#45

2-Fluorobiphenyl

Concen: 86.796 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

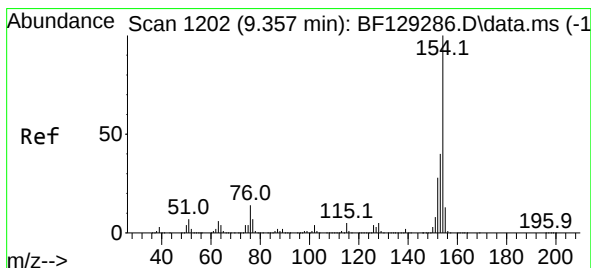
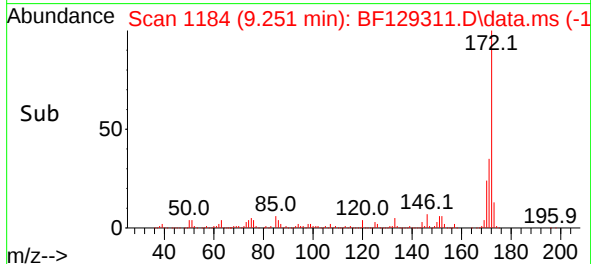
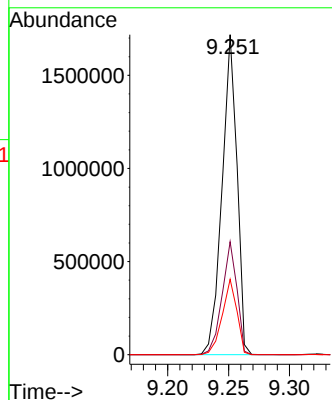
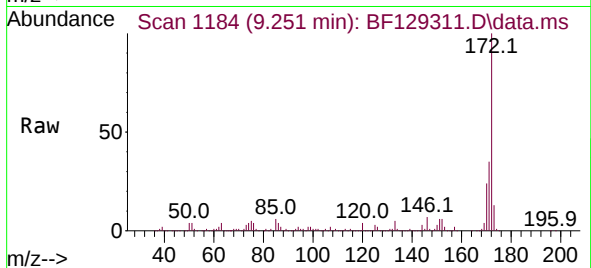
Tgt Ion:172 Resp: 1465503

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.6 19.8 29.8



#46

1,1'-Biphenyl

Concen: 4.249 ng

RT: 9.351 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

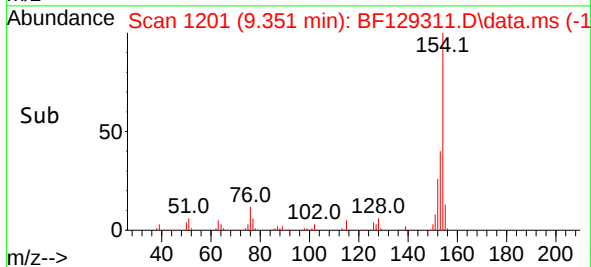
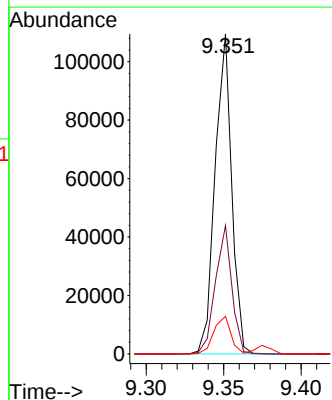
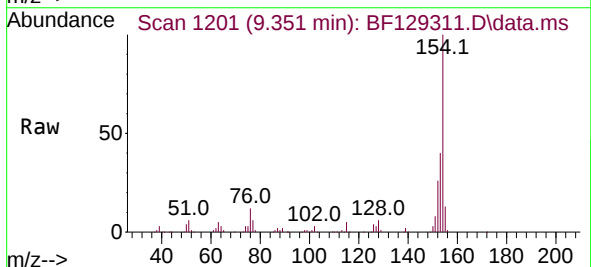
Tgt Ion:154 Resp: 81554

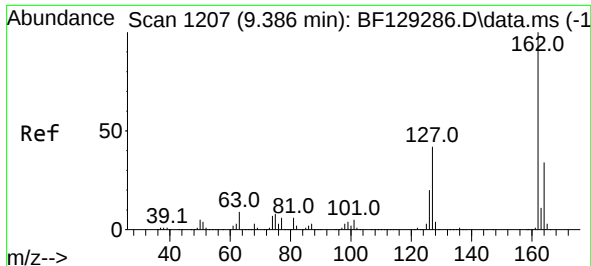
Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

76 11.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 4.032 ng

RT: 9.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

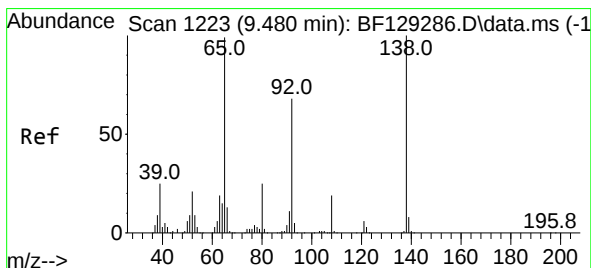
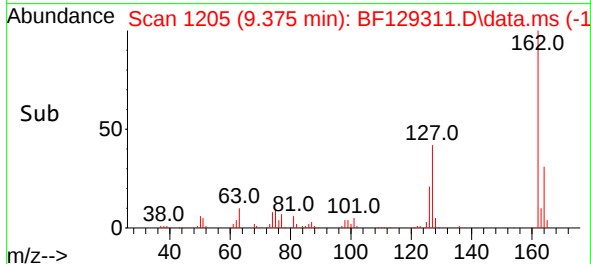
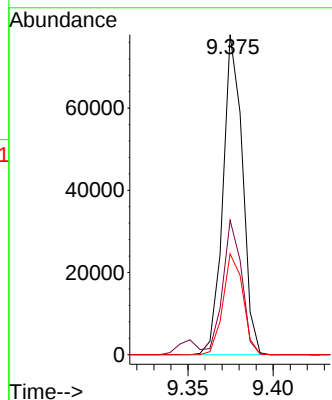
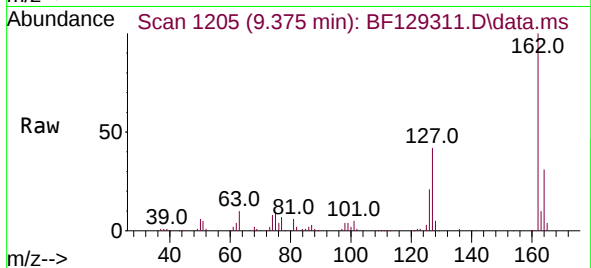
Tgt Ion:162 Resp: 61995

Ion Ratio Lower Upper

162 100

127 42.0 34.5 51.7

164 31.5 26.5 39.7



#48

2-Nitroaniline

Concen: 3.687 ng

RT: 9.469 min Scan# 1221

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

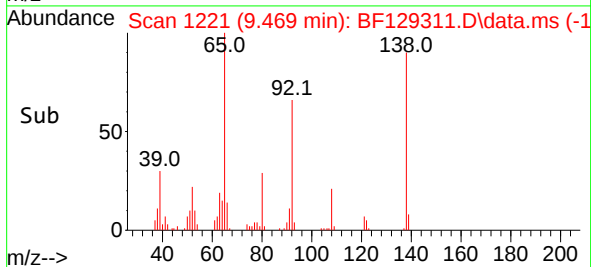
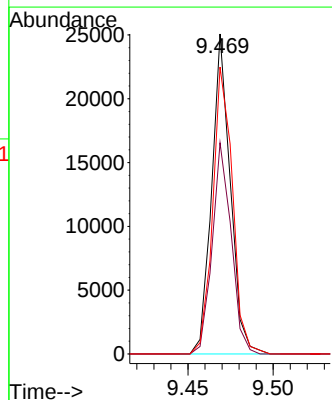
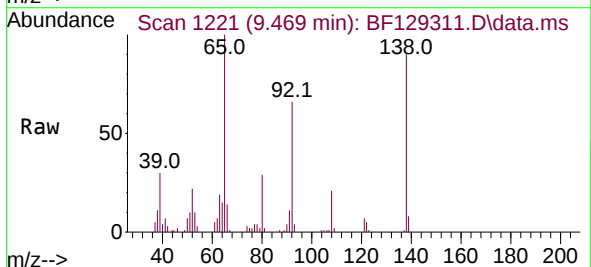
Tgt Ion: 65 Resp: 19035

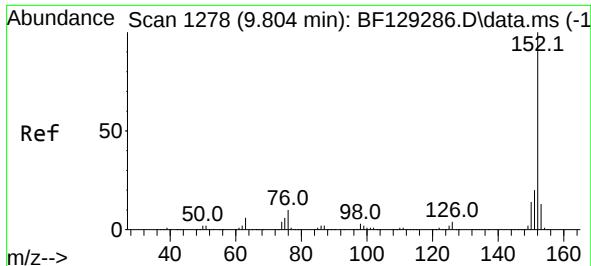
Ion Ratio Lower Upper

65 100

92 66.0 51.9 77.9

138 89.7 76.4 114.6





#49

Acenaphthylene

Concen: 4.252 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

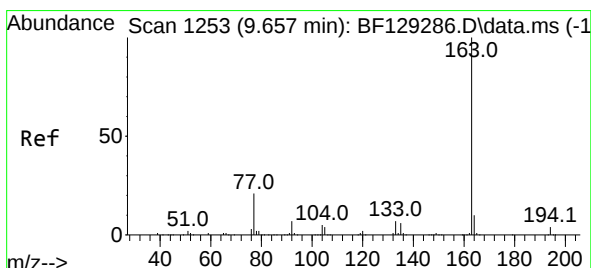
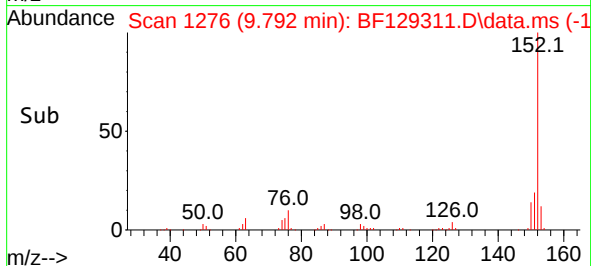
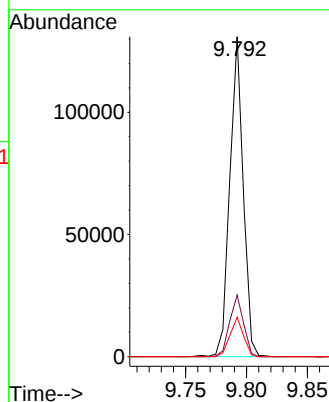
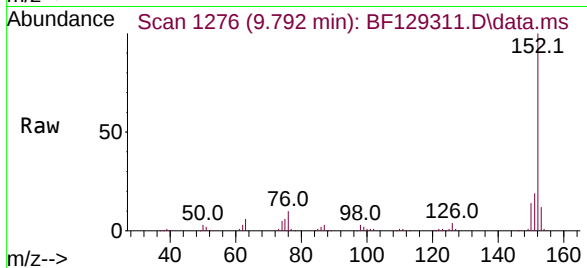
Tgt Ion:152 Resp: 100391

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.4

153 12.4 10.7 16.1



#50

Dimethylphthalate

Concen: 3.922 ng

RT: 9.639 min Scan# 1250

Delta R.T. -0.018 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

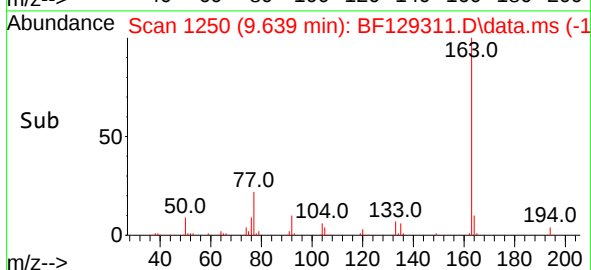
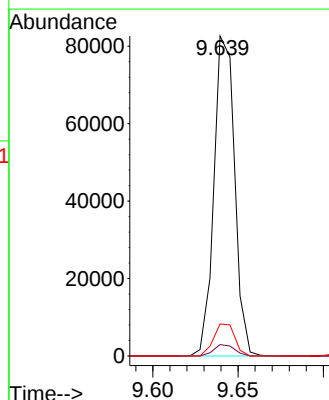
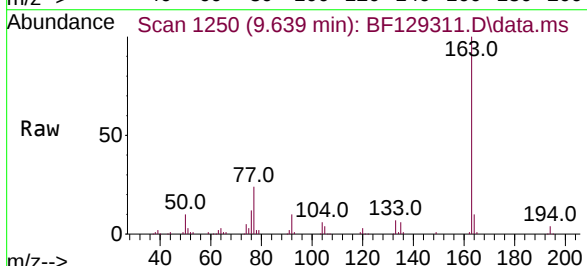
Tgt Ion:163 Resp: 69990

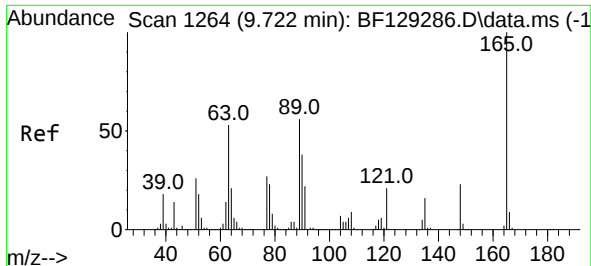
Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 3.626 ng

RT: 9.710 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

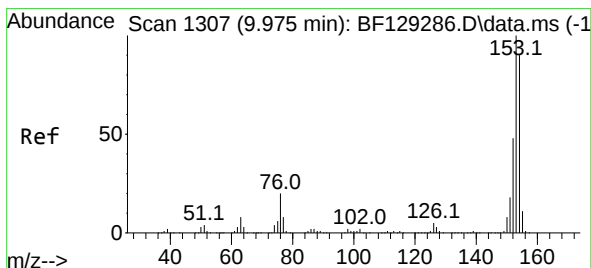
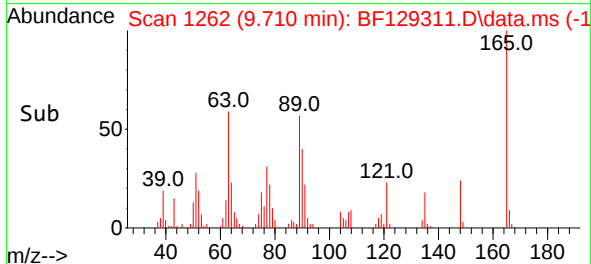
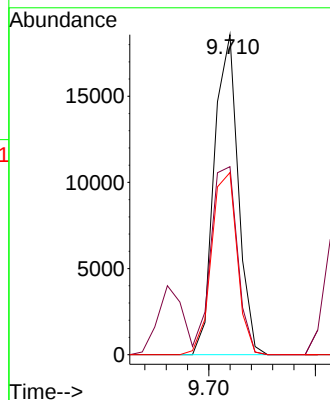
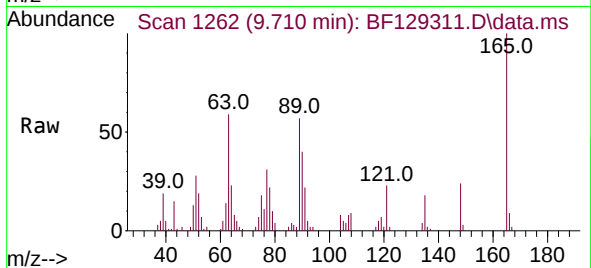
Tgt Ion:165 Resp: 14490

Ion Ratio Lower Upper

165 100

63 58.8 44.9 67.3

89 56.9 43.6 65.4



#52

Acenaphthene

Concen: 3.839 ng

RT: 9.963 min Scan# 1305

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

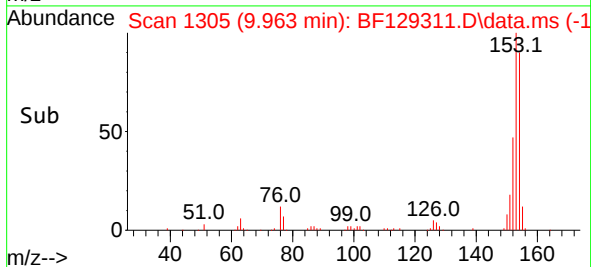
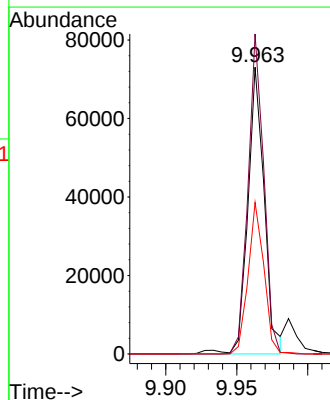
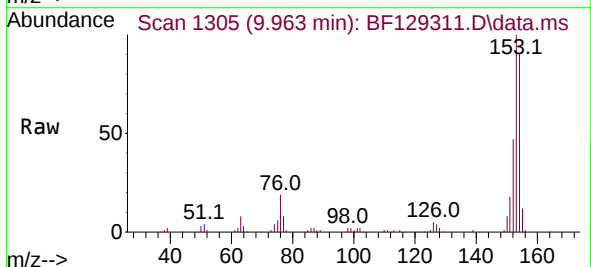
Tgt Ion:154 Resp: 58823

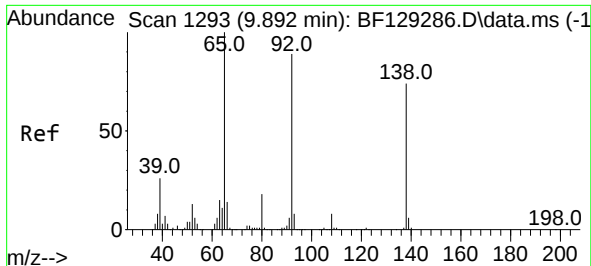
Ion Ratio Lower Upper

154 100

153 111.6 89.6 134.4

152 52.8 42.4 63.6

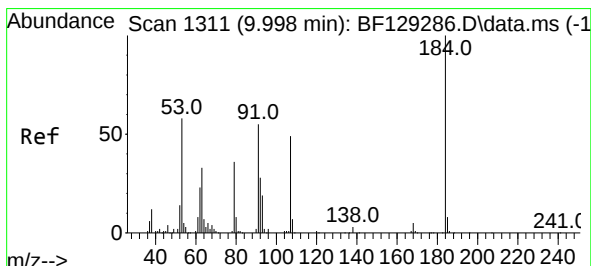
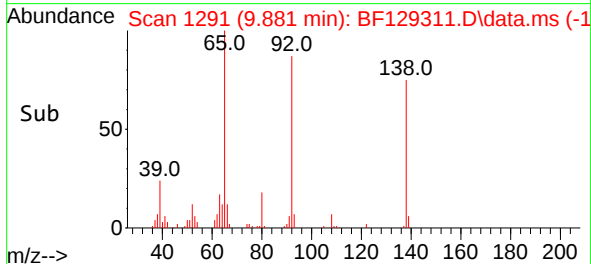
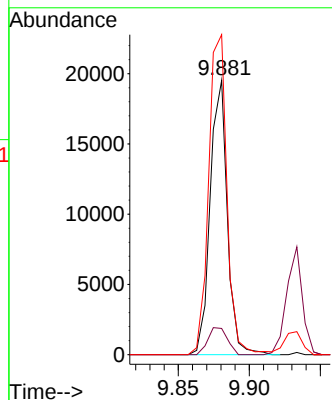
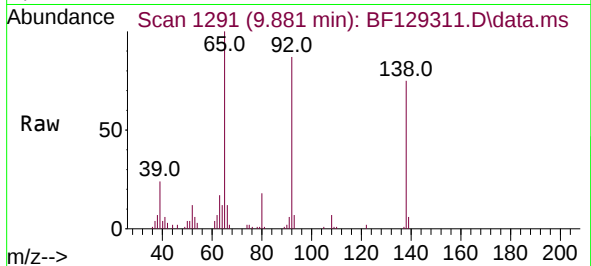




#53
3-Nitroaniline
Concen: 3.442 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

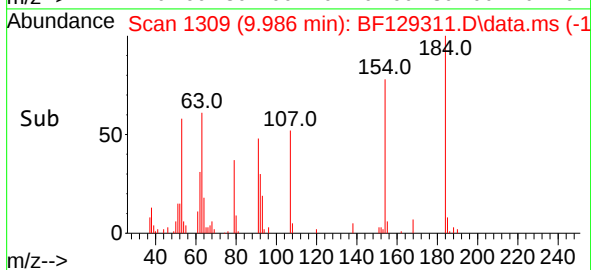
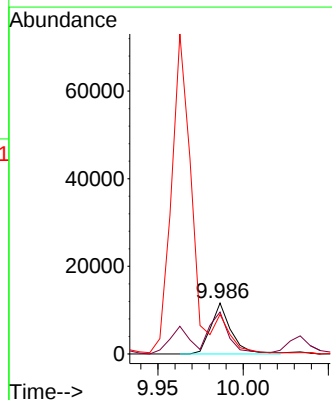
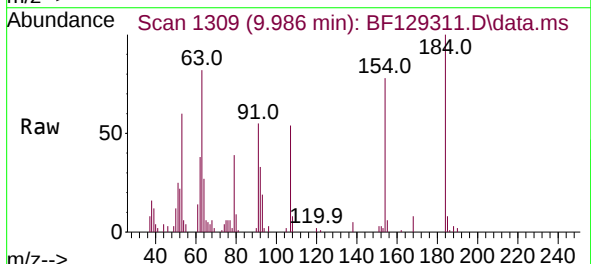
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

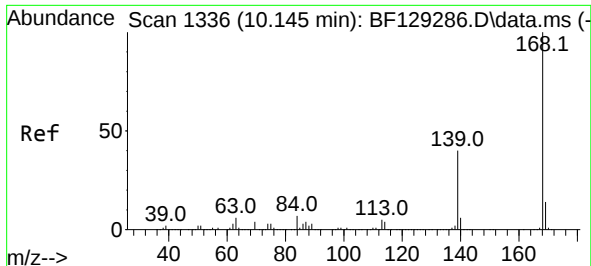
Tgt Ion:138 Resp: 16365
Ion Ratio Lower Upper
138 100
108 9.6 10.9 16.3#
92 116.7 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 4.776 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:184 Resp: 9656
Ion Ratio Lower Upper
184 100
63 82.4 64.5 96.7
154 77.5 50.6 75.8#

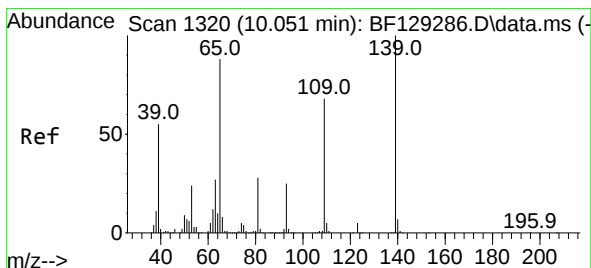
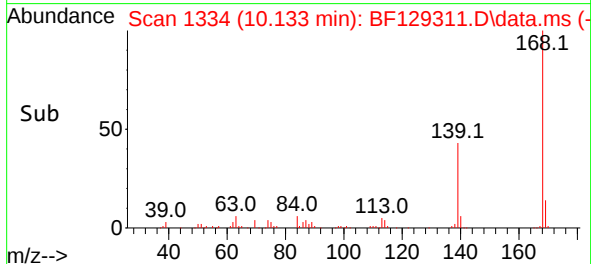
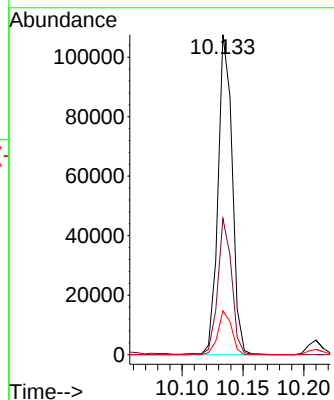
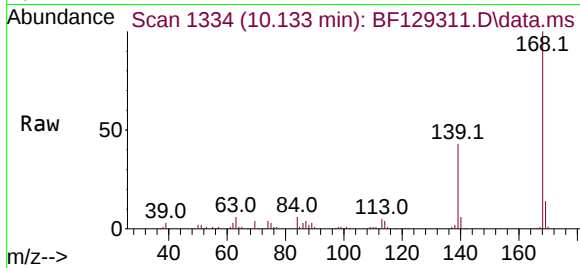




#55
Dibenzenofuran
Concen: 4.093 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

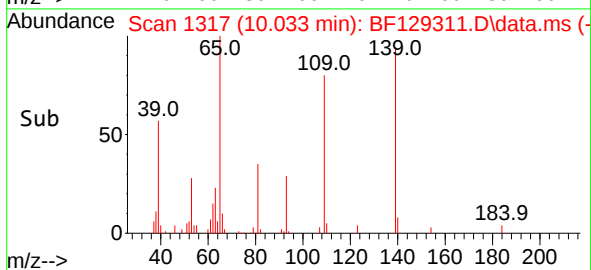
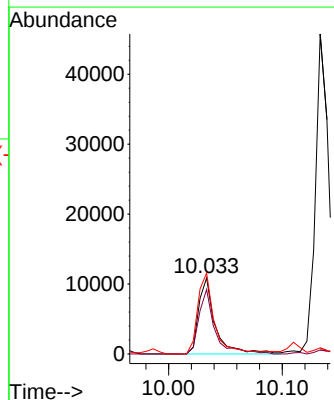
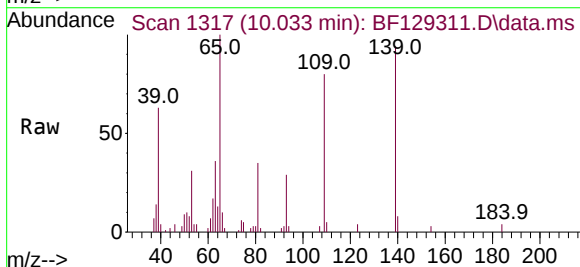
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

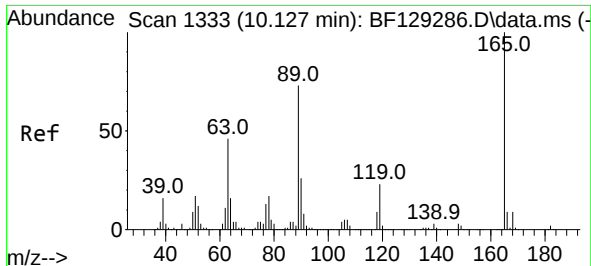
Tgt Ion:168 Resp: 87141
Ion Ratio Lower Upper
168 100
139 42.5 30.6 46.0
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 3.178 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:139 Resp: 11032
Ion Ratio Lower Upper
139 100
109 84.9 50.7 90.7
65 106.6 74.5 114.5

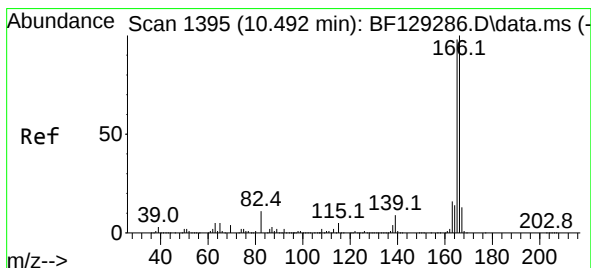
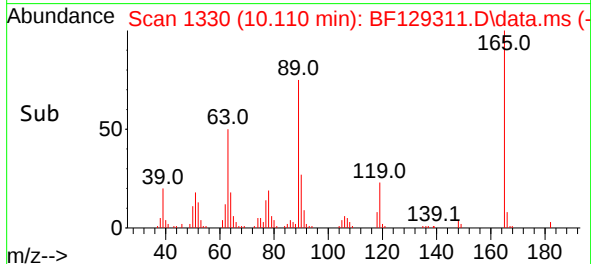
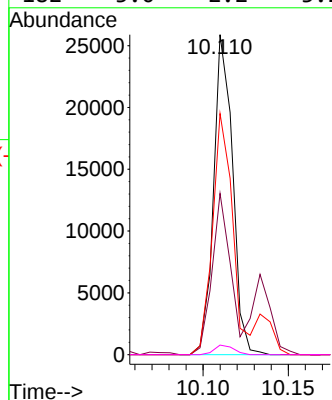
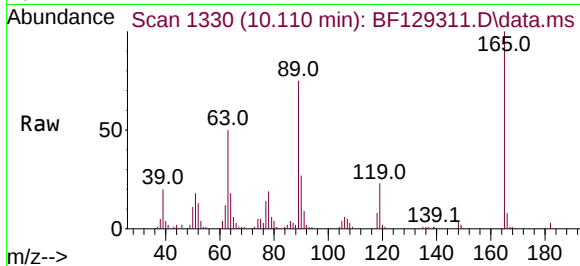




#57
2,4-Dinitrotoluene
Concen: 3.819 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

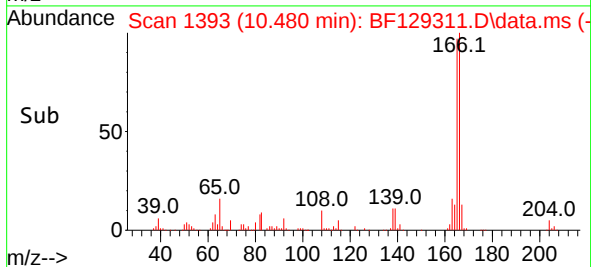
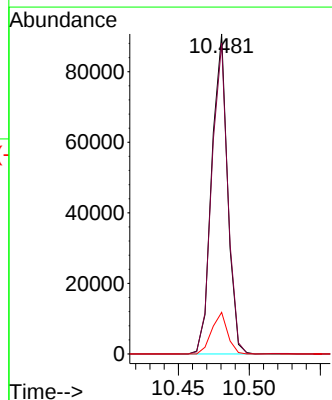
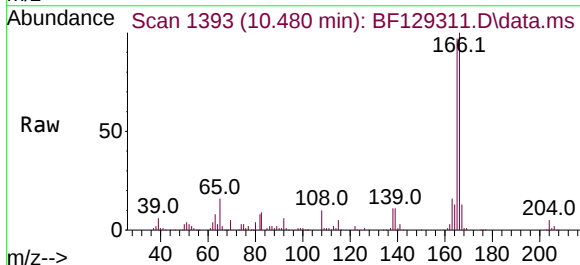
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

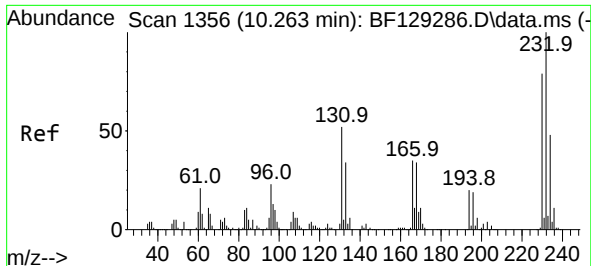
Tgt Ion:165	Resp:	20003
Ion Ratio	Lower	Upper
165	100	
63	50.4	39.8 59.6
89	75.3	60.2 90.2
182	3.0	2.2 3.2



#58
Fluorene
Concen: 4.119 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:166	Resp:	69995
Ion Ratio	Lower	Upper
166	100	
165	97.1	78.1 117.1
167	13.0	10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.460 ng

RT: 10.251 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:232 Resp: 14419

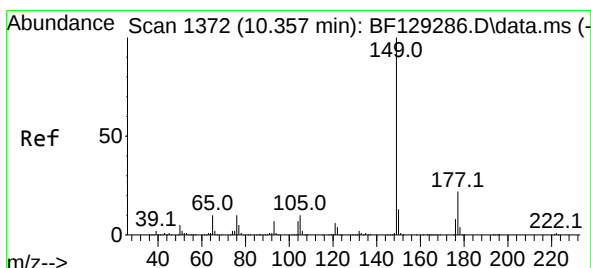
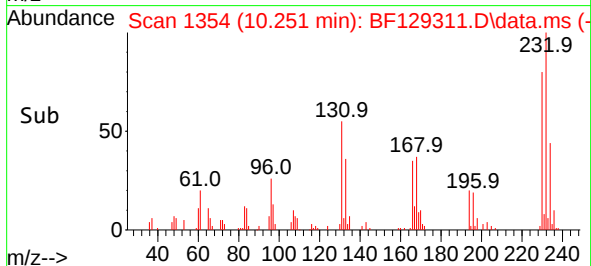
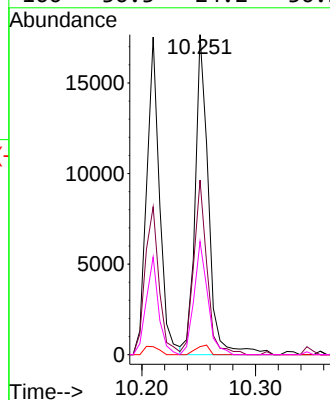
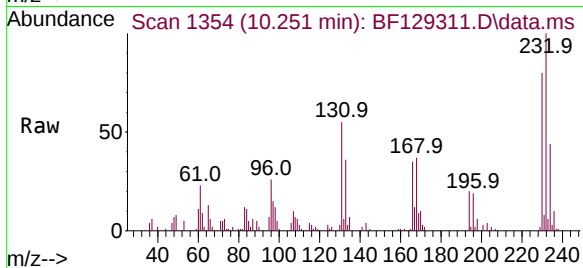
Ion Ratio Lower Upper

232 100

131 54.6 36.1 54.1#

130 2.9 1.8 2.8#

166 36.3 24.2 36.2#



#60

Diethylphthalate

Concen: 4.013 ng

RT: 10.345 min Scan# 1370

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

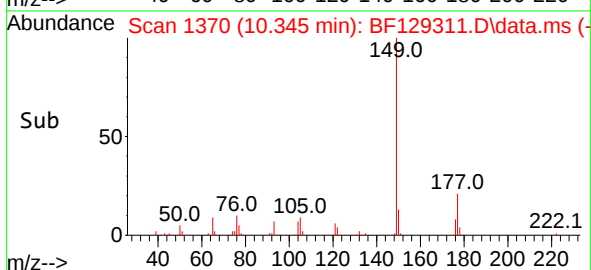
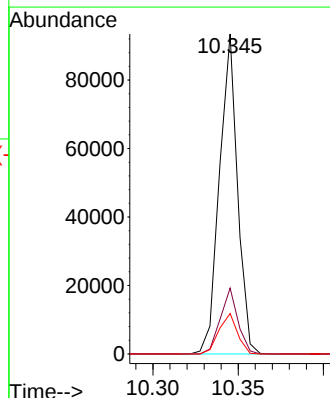
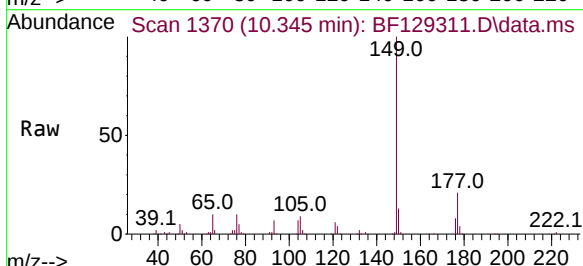
Tgt Ion:149 Resp: 68907

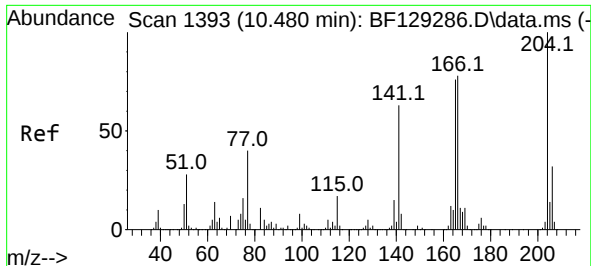
Ion Ratio Lower Upper

149 100

177 20.6 17.3 25.9

150 12.7 10.2 15.2

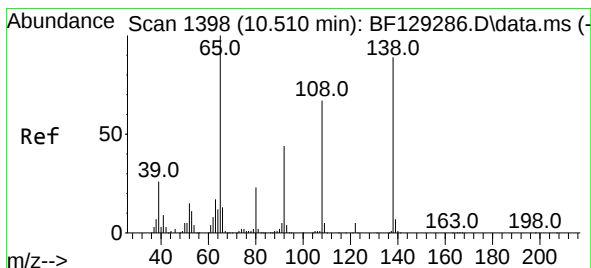
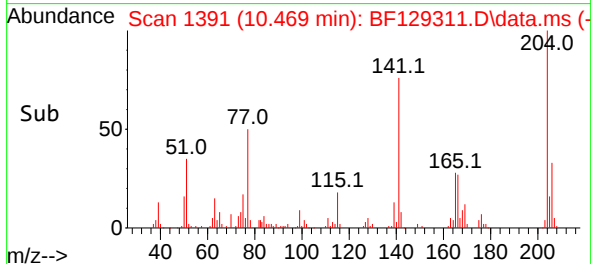
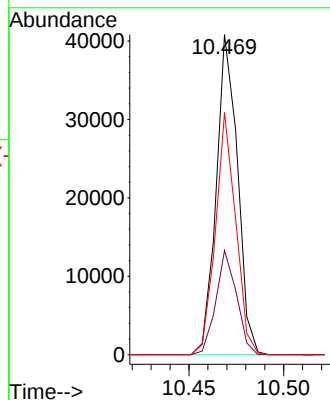
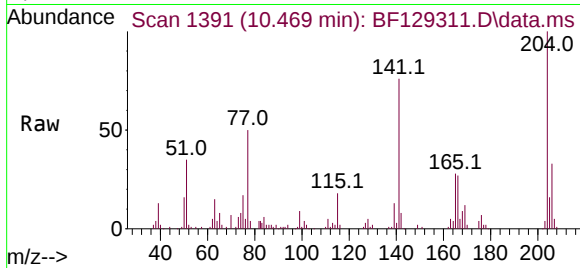




#61
4-Chlorophenyl-phenylether
Concen: 4.296 ng
RT: 10.469 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

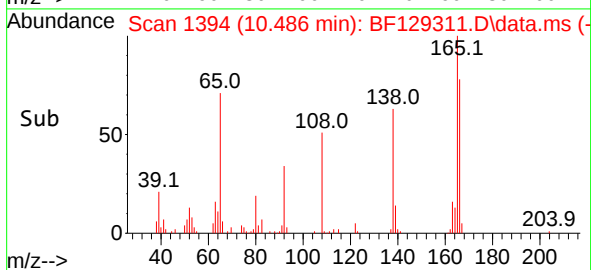
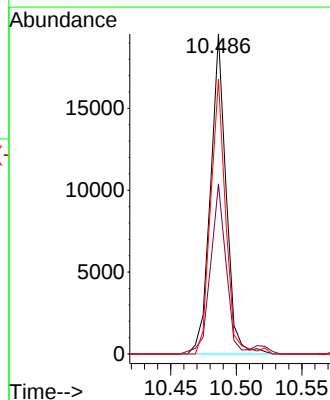
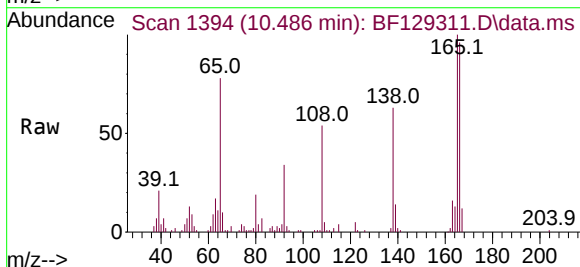
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

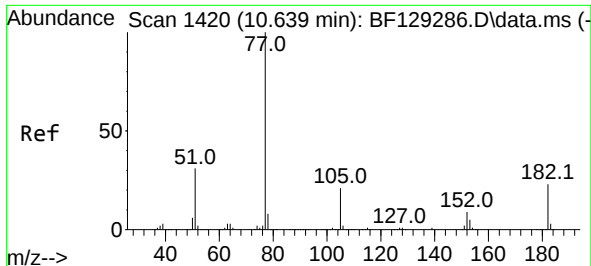
Tgt Ion:204 Resp: 31943
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 75.7 47.0 70.4#



#62
4-Nitroaniline
Concen: 3.449 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.023 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:138 Resp: 16198
Ion Ratio Lower Upper
138 100
92 53.2 33.5 73.5
108 85.9 61.0 101.0

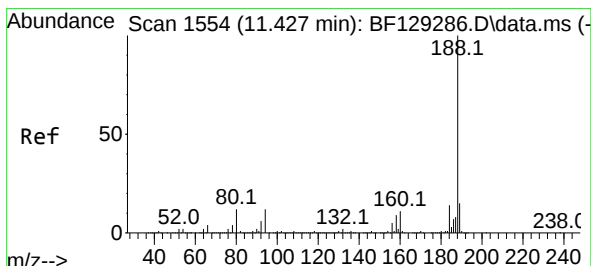
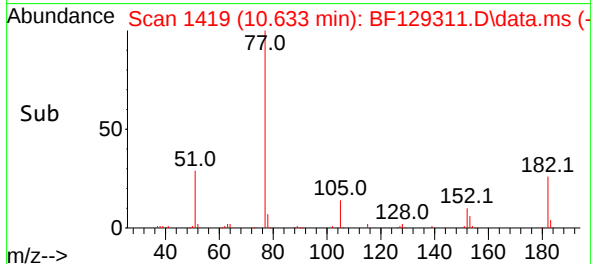
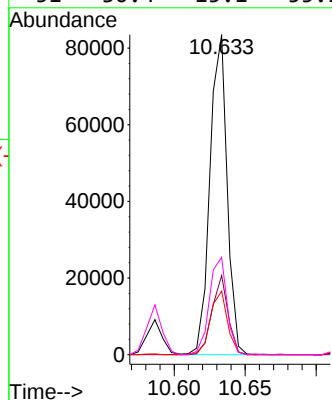
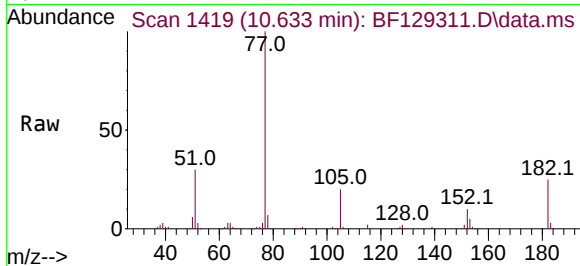




#63
Azobenzene
Concen: 3.963 ng
RT: 10.633 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

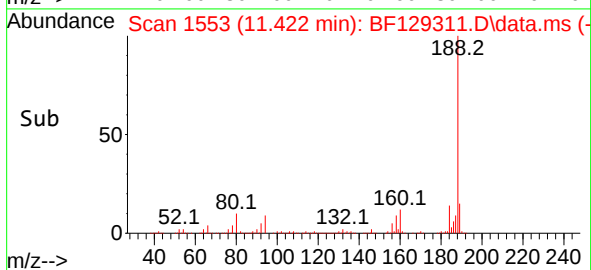
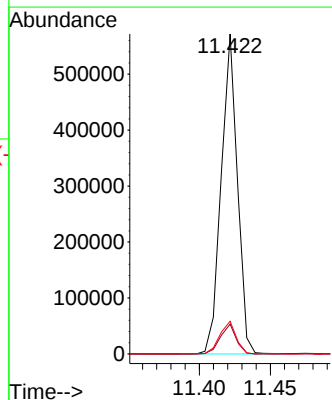
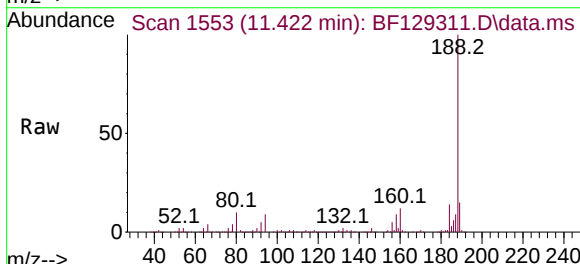
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

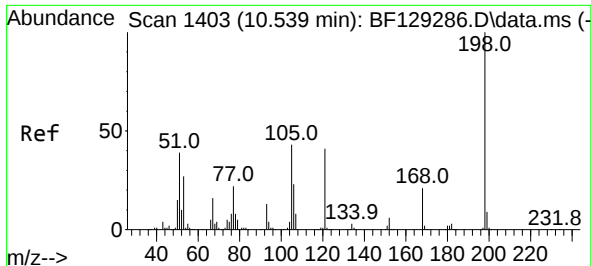
Tgt Ion: 77	Resp: 70394
Ion Ratio	Lower Upper
77 100	
182 24.8	5.6 45.6
105 19.9	1.6 41.6
51 30.4	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:188	Resp: 453264
Ion Ratio	Lower Upper
188 100	
94 9.3	7.0 10.6
80 10.2	7.6 11.4

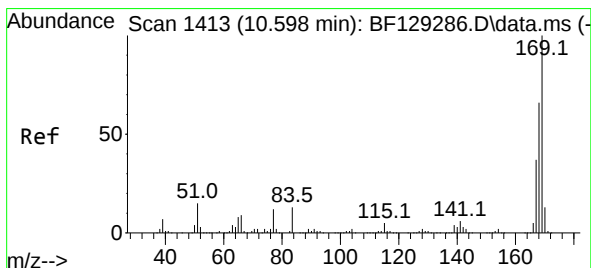
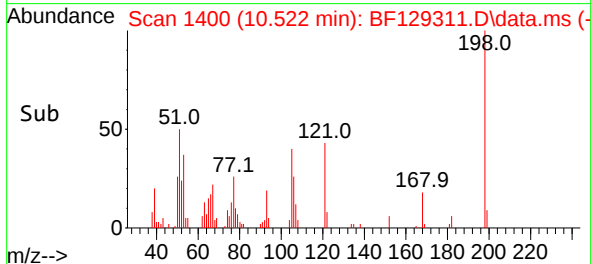
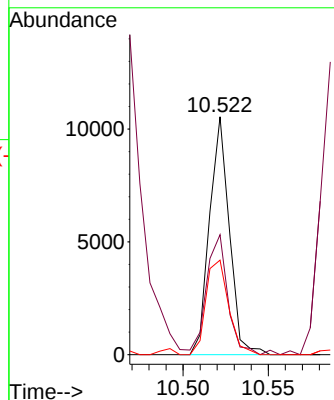
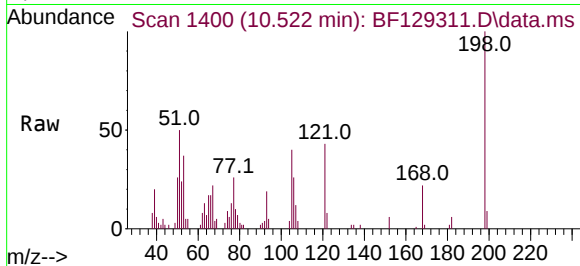




#65
4,6-Dinitro-2-methylphenol
Concen: 3.058 ng
RT: 10.522 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

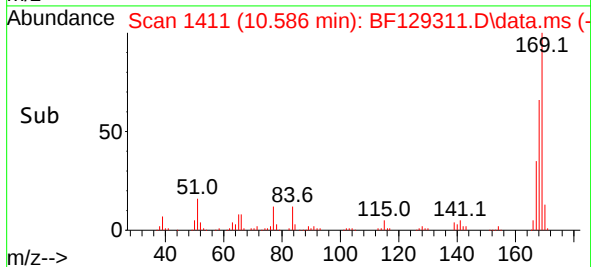
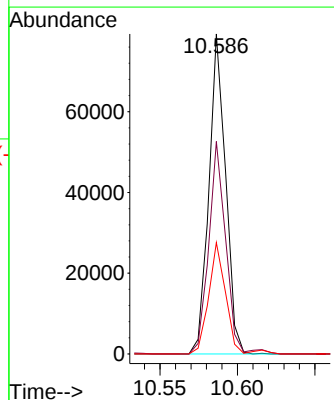
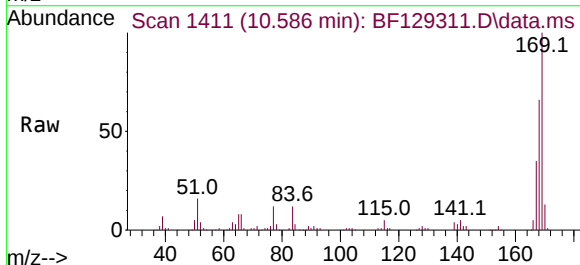
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

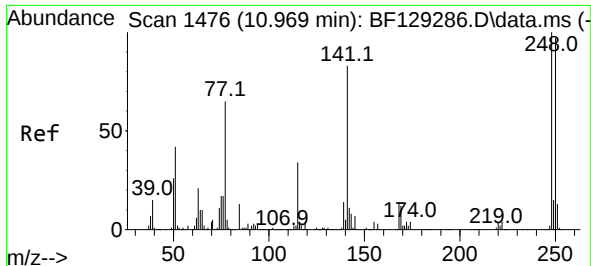
Tgt Ion:198 Resp: 8526
Ion Ratio Lower Upper
198 100
51 50.4 37.6 77.6
105 39.8 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 3.964 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:169 Resp: 59395
Ion Ratio Lower Upper
169 100
168 66.4 50.1 75.1
167 34.8 27.9 41.9

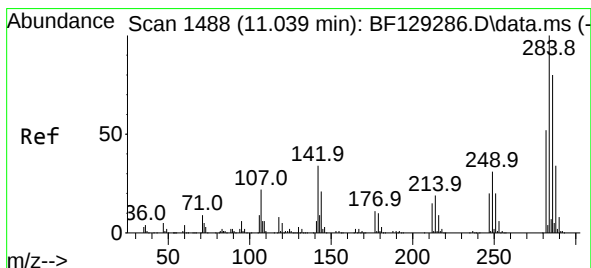
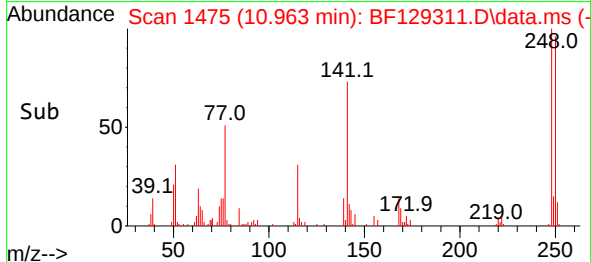
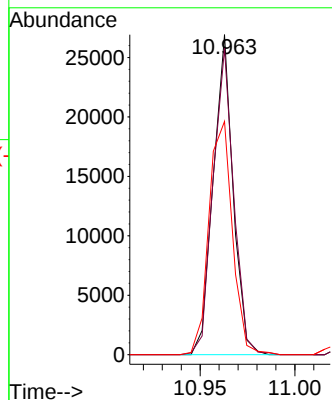
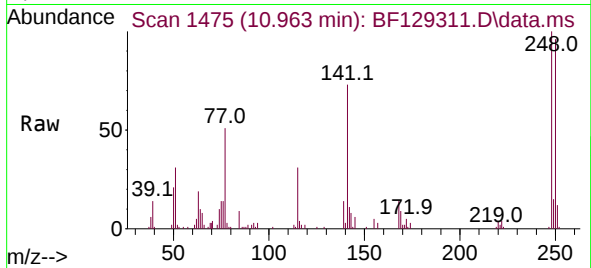




#67
4-Bromophenyl-phenylether
Concen: 4.012 ng
RT: 10.963 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

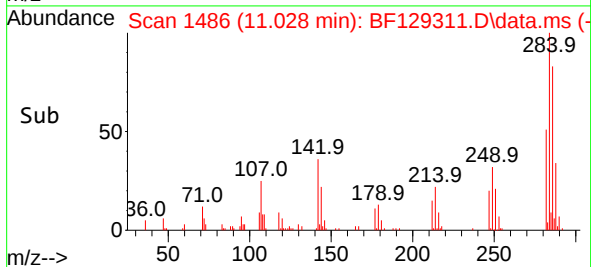
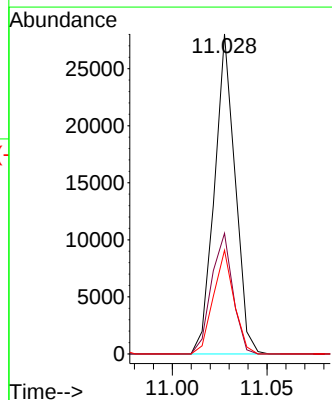
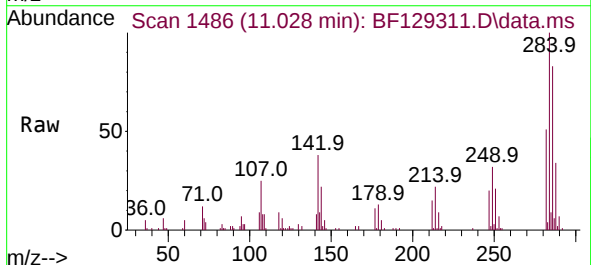
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

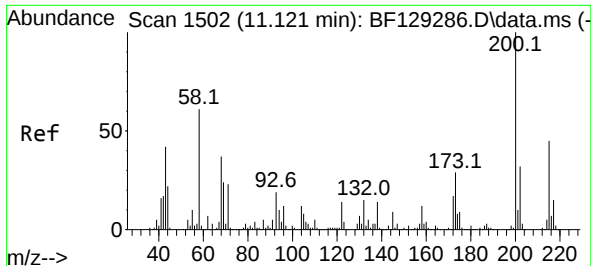
Tgt Ion:248 Resp: 19622
Ion Ratio Lower Upper
248 100
250 95.7 80.6 120.8
141 72.9 58.9 88.3



#68
Hexachlorobenzene
Concen: 3.970 ng
RT: 11.028 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:284 Resp: 21266
Ion Ratio Lower Upper
284 100
142 37.7 29.0 43.4
249 32.4 25.0 37.6

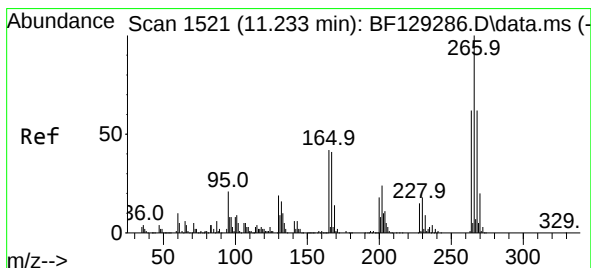
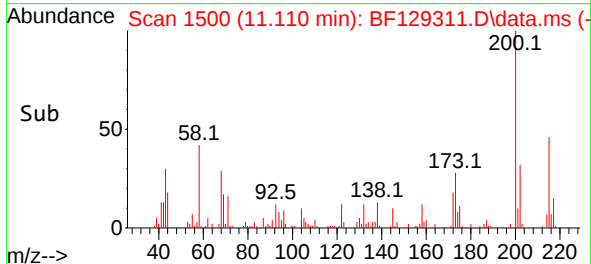
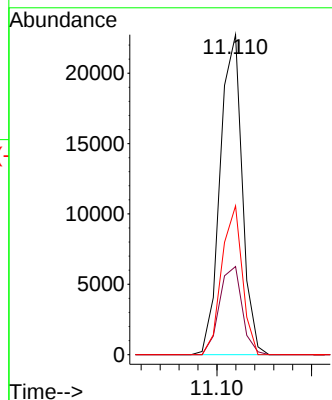
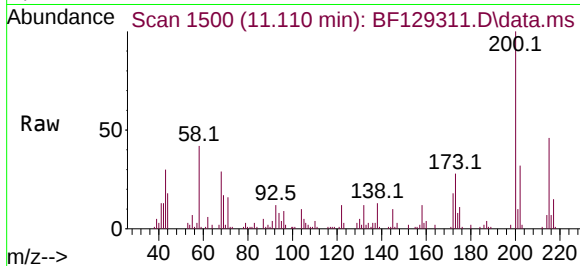




#69
Atrazine
Concen: 4.008 ng
RT: 11.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

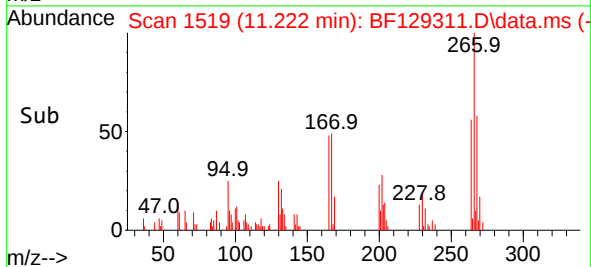
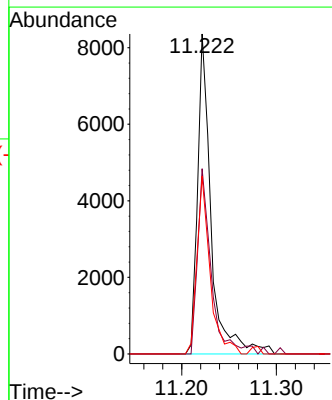
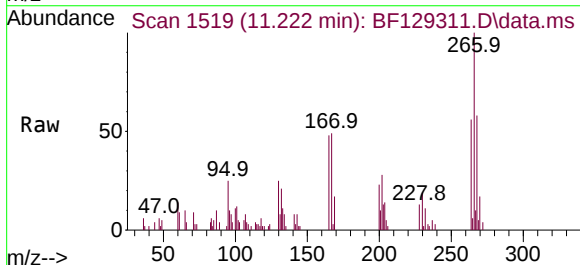
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

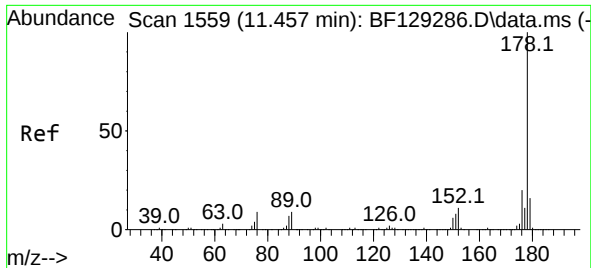
Tgt Ion:200 Resp: 18357
Ion Ratio Lower Upper
200 100
173 27.5 6.3 46.3
215 46.5 28.3 68.3



#70
Pentachlorophenol
Concen: 2.814 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:266 Resp: 8286
Ion Ratio Lower Upper
266 100
268 57.9 51.0 76.4
264 55.5 49.4 74.2

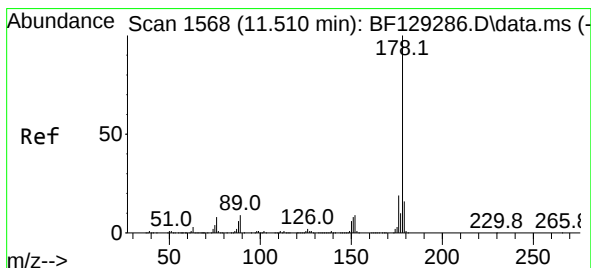
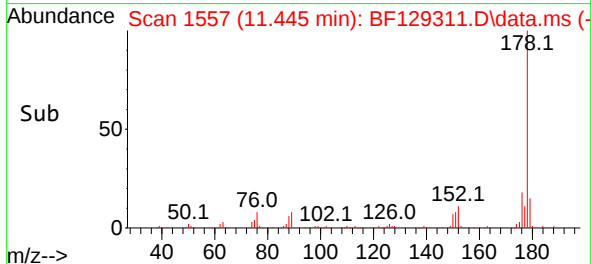
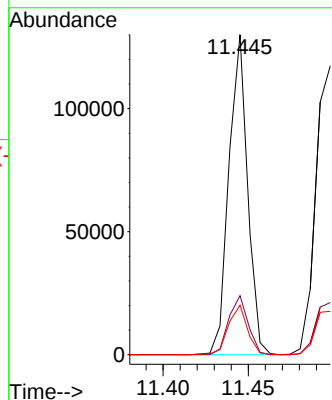
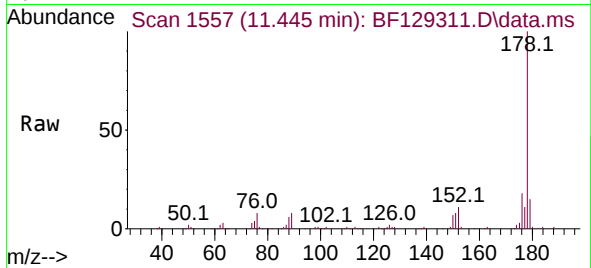




#71
Phenanthrene
Concen: 3.988 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

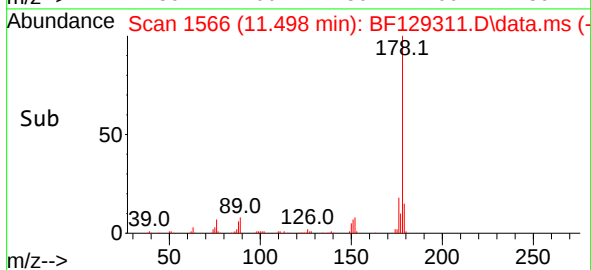
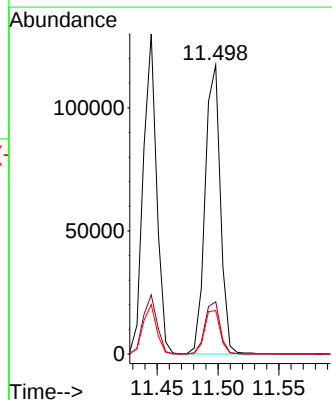
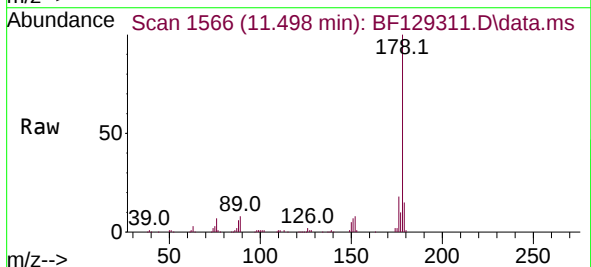
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

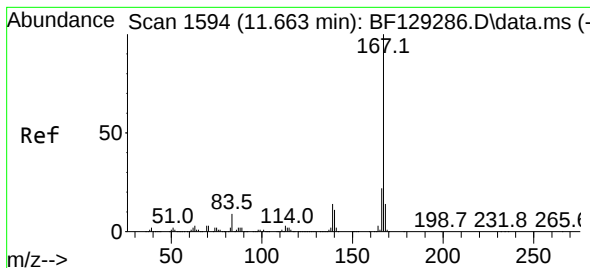
Tgt Ion:178 Resp: 99210
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 15.4 12.6 19.0



#72
Anthracene
Concen: 4.152 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:178 Resp: 102356
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.2
179 15.0 12.6 19.0





#73

Carbazole

Concen: 4.082 ng

RT: 11.651 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

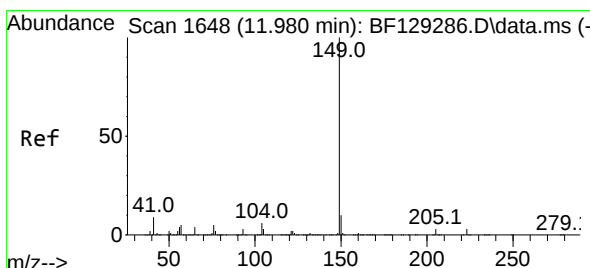
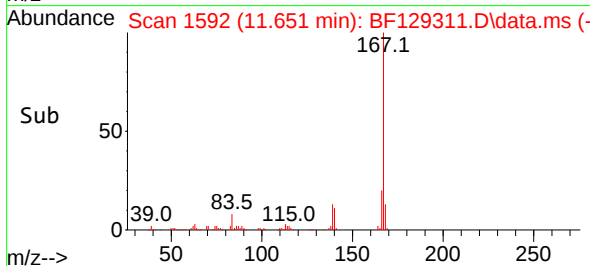
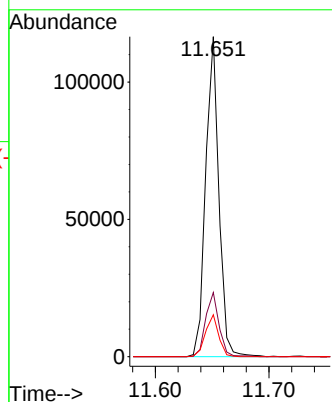
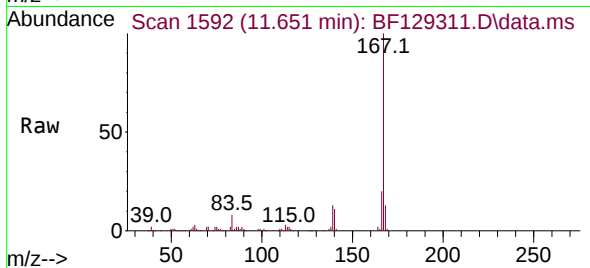
Tgt Ion:167 Resp: 93865

Ion Ratio Lower Upper

167 100

166 20.1 17.7 26.5

139 13.1 11.2 16.8



#74

Di-n-butylphthalate

Concen: 3.948 ng

RT: 11.975 min Scan# 1647

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

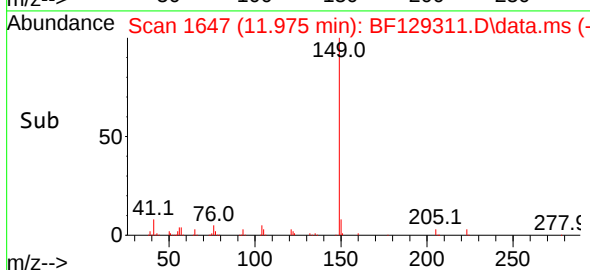
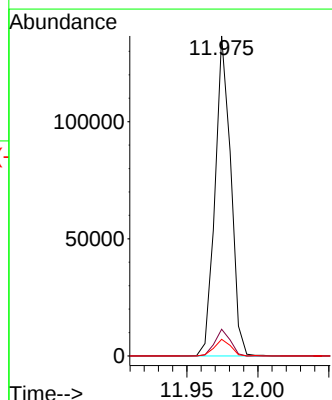
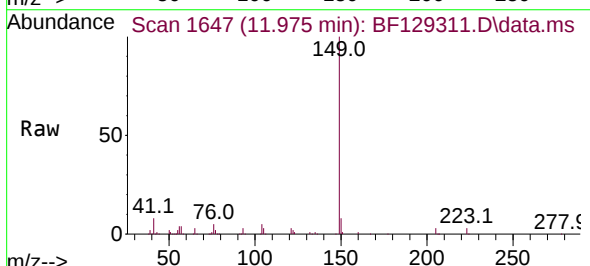
Tgt Ion:149 Resp: 104891

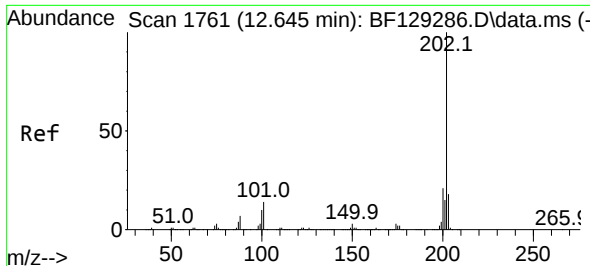
Ion Ratio Lower Upper

149 100

150 8.3 7.5 11.3

104 5.2 4.4 6.6

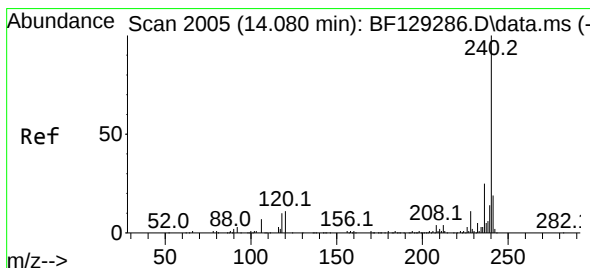
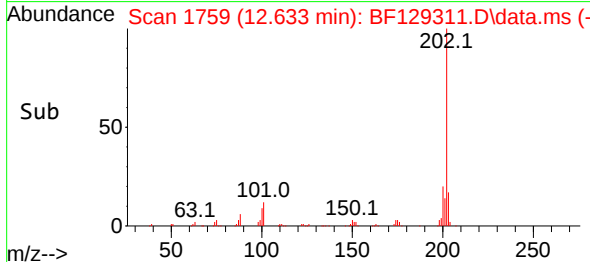
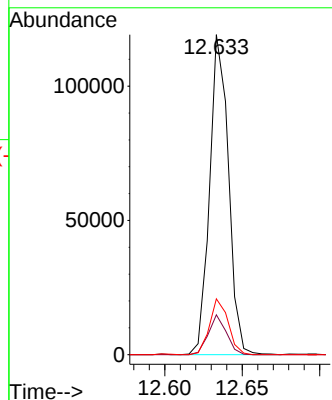
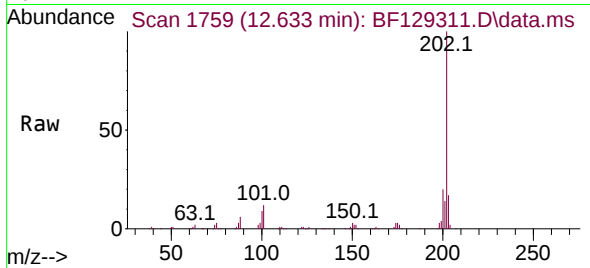




#75
Fluoranthene
Concen: 3.974 ng
RT: 12.633 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

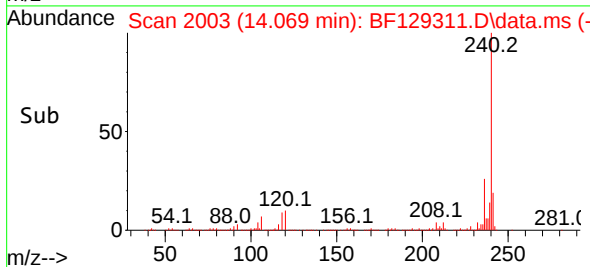
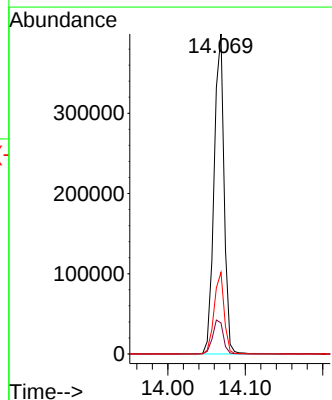
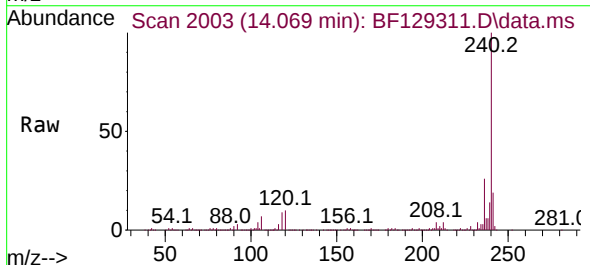
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

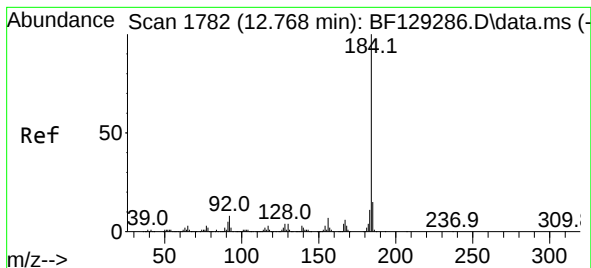
Tgt Ion:202 Resp: 100764
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.4
203 17.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:240 Resp: 358089
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 25.5 20.8 31.2





#77

Benzidine

Concen: 3.466 ng

RT: 12.757 min Scan# 1780

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

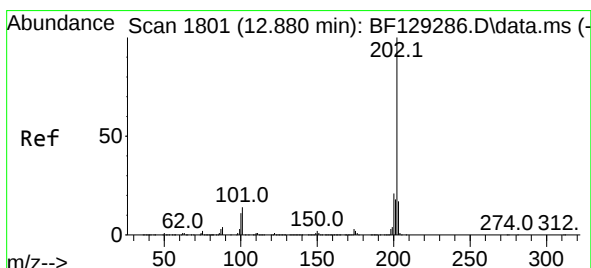
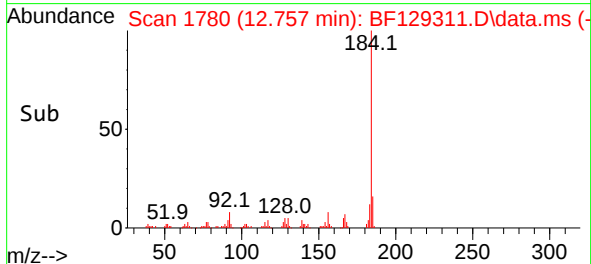
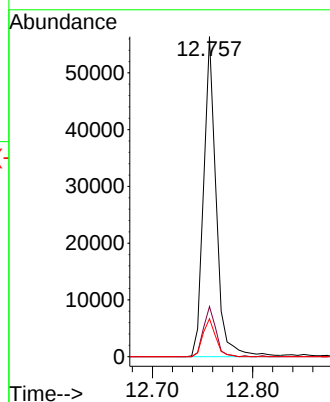
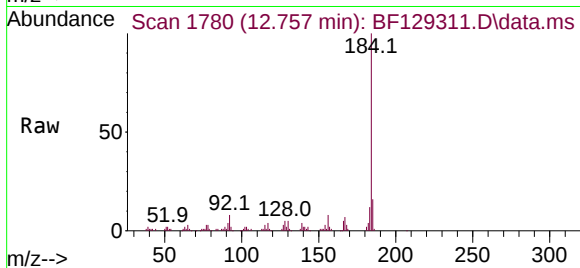
Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:184	Resp:	49465
Ion Ratio	Lower	Upper
184	100	
185	15.6	11.9 17.9
183	11.9	9.3 13.9



#78

Pyrene

Concen: 3.446 ng

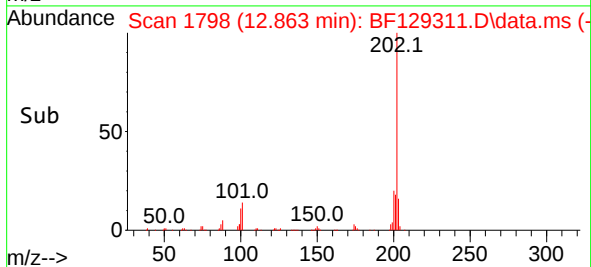
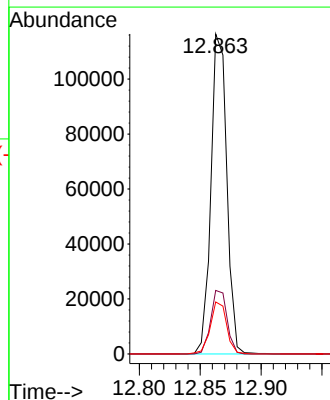
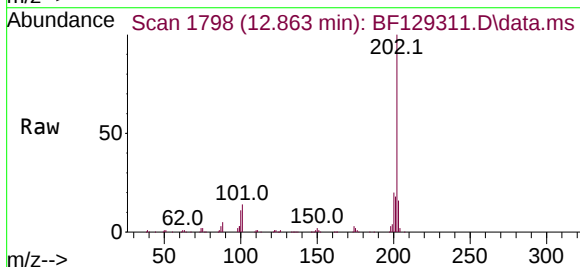
RT: 12.863 min Scan# 1798

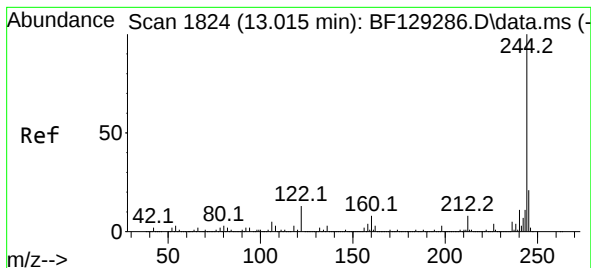
Delta R.T. -0.018 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Tgt Ion:202	Resp:	105536
Ion Ratio	Lower	Upper
202	100	
200	19.8	17.7 26.5
203	16.3	14.6 21.8





#79

Terphenyl-d14

Concen: 80.464 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

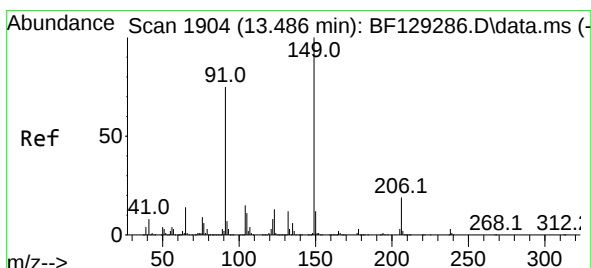
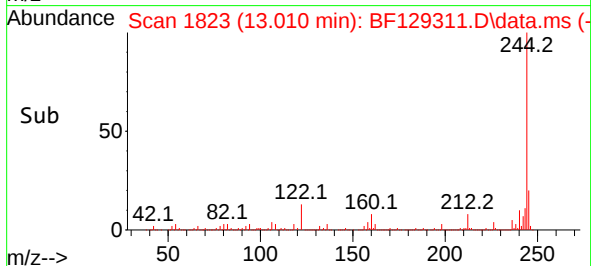
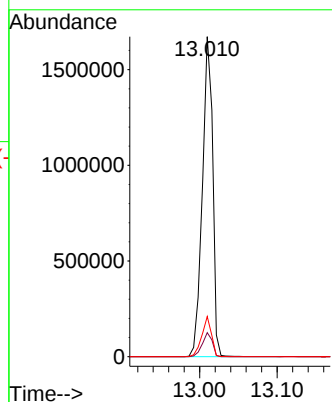
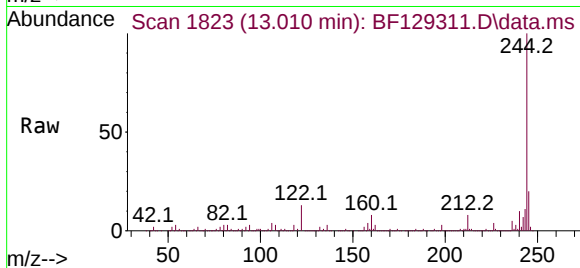
Tgt Ion:244 Resp: 1547070

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 12.5 8.8 13.2



#80

Butylbenzylphthalate

Concen: 3.145 ng

RT: 13.480 min Scan# 1903

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

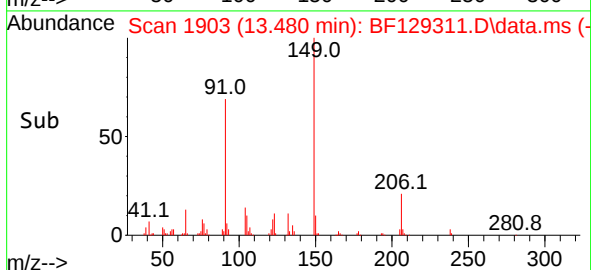
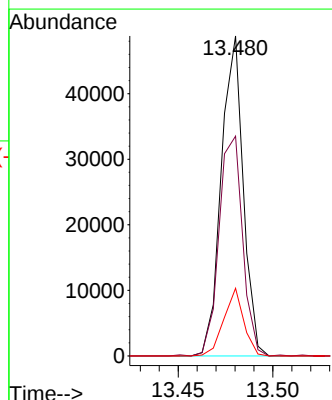
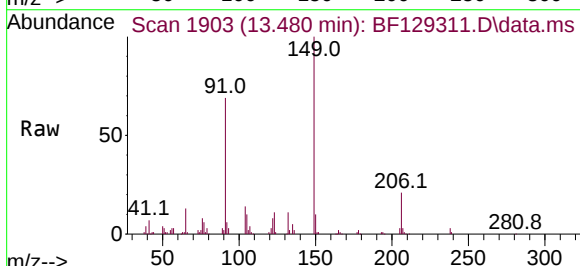
Tgt Ion:149 Resp: 39302

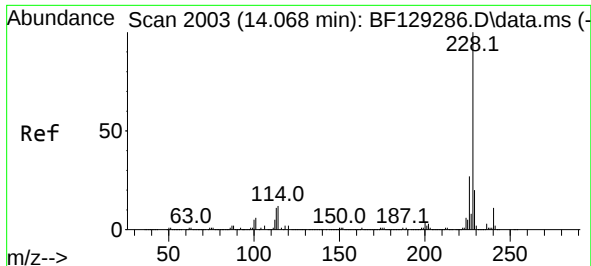
Ion Ratio Lower Upper

149 100

91 68.7 61.2 91.8

206 21.1 15.7 23.5

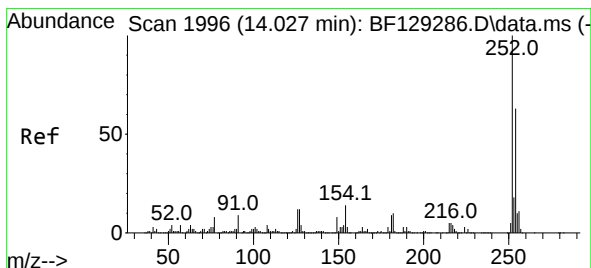
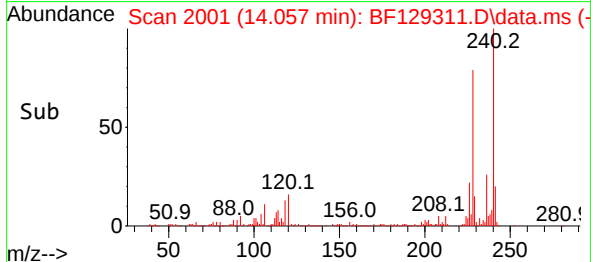
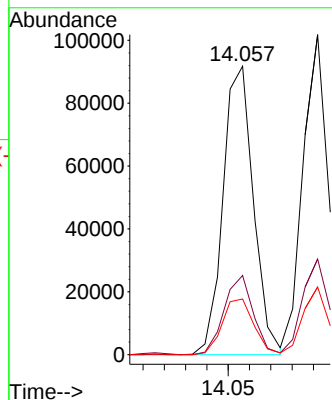
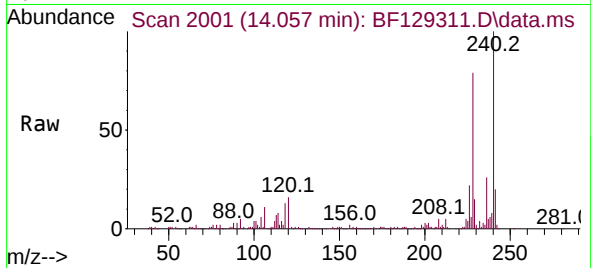




#81
Benzo(a)anthracene
Concen: 3.695 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

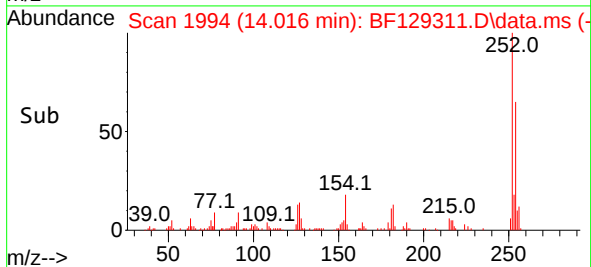
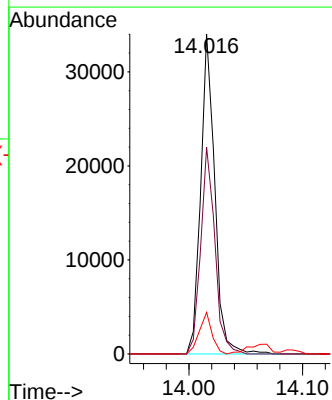
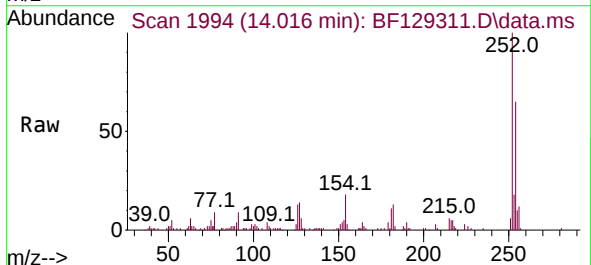
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

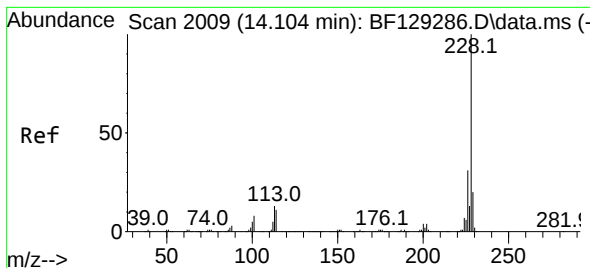
Tgt Ion:228 Resp: 91120
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.3 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 3.625 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:252 Resp: 29339
Ion Ratio Lower Upper
252 100
254 64.6 50.2 75.4
126 13.0 8.2 12.4





#83

Chrysene

Concen: 3.669 ng

RT: 14.092 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

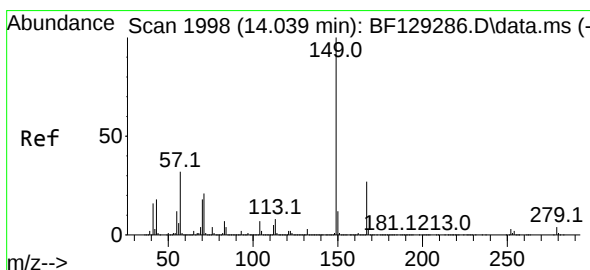
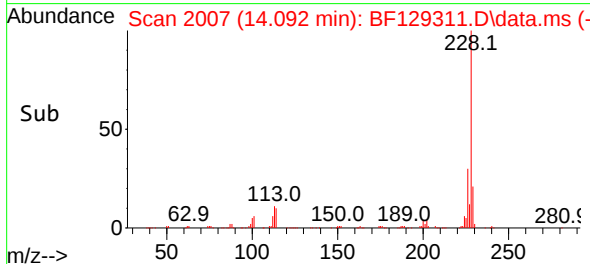
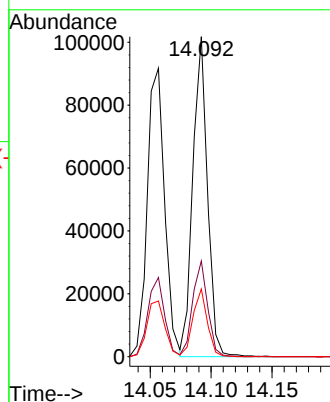
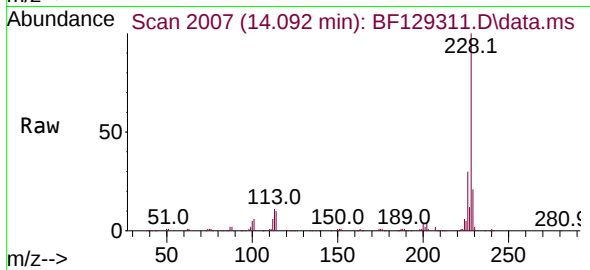
Tgt Ion:228 Resp: 85393

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 21.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.416 ng

RT: 14.033 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

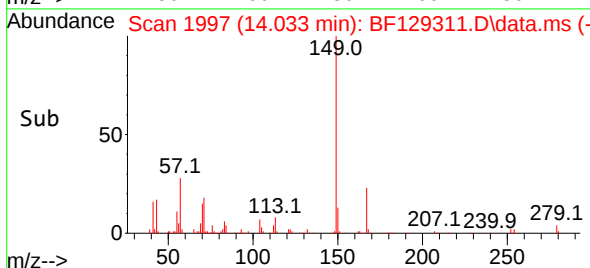
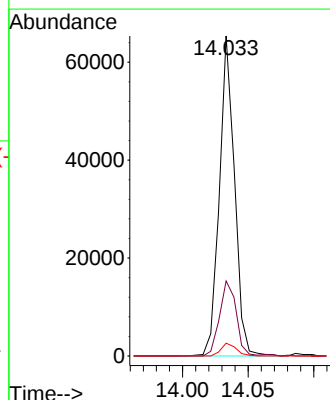
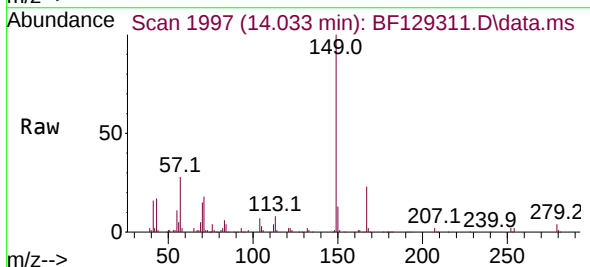
Tgt Ion:149 Resp: 52427

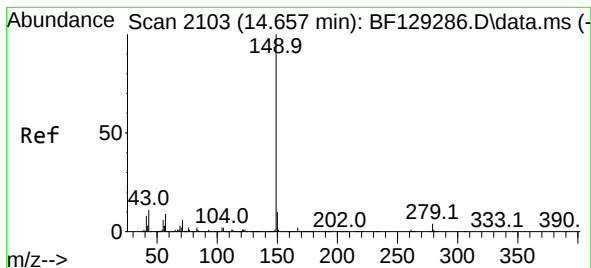
Ion Ratio Lower Upper

149 100

167 23.5 21.0 31.4

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 3.276 ng

RT: 14.651 min Scan# 2102

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

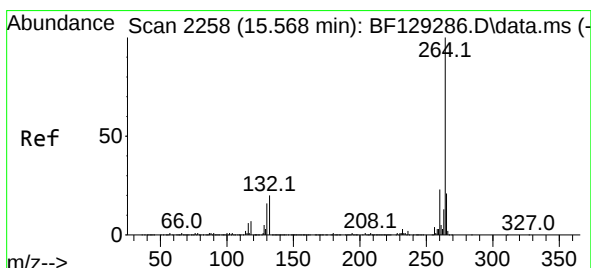
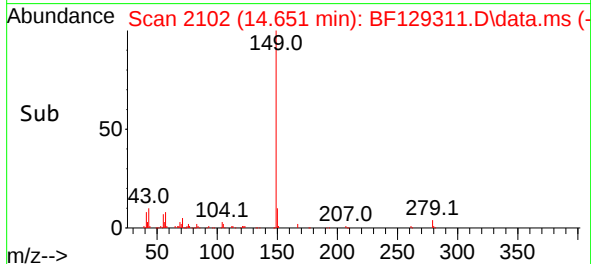
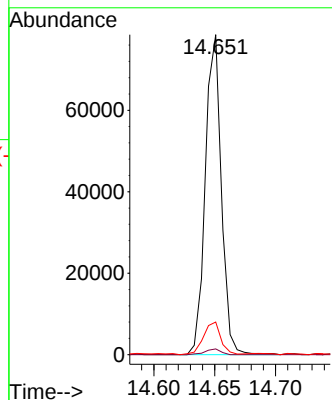
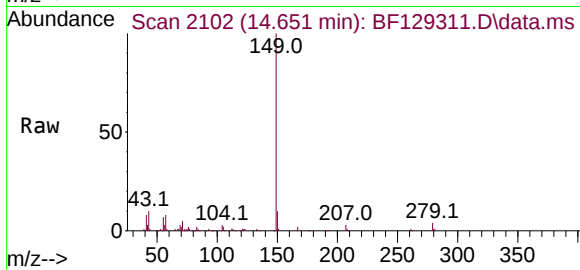
Tgt Ion:149 Resp: 71957

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.2 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

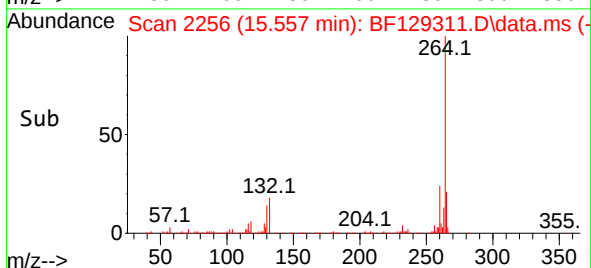
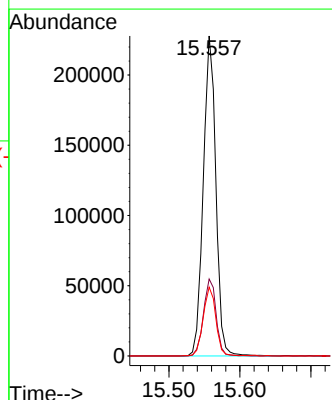
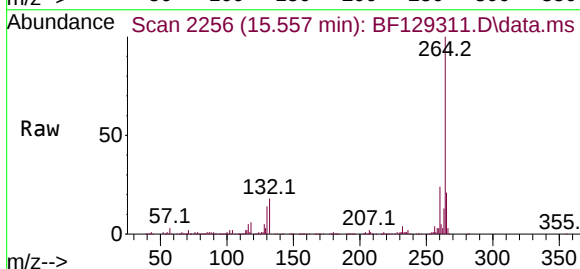
Tgt Ion:264 Resp: 280786

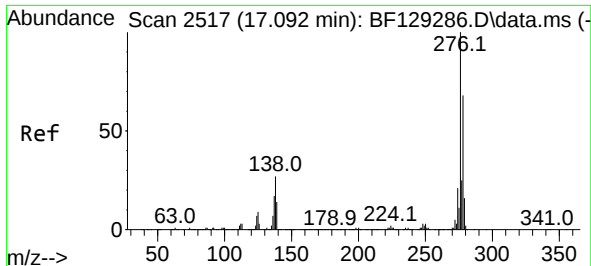
Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.5 17.2 25.8

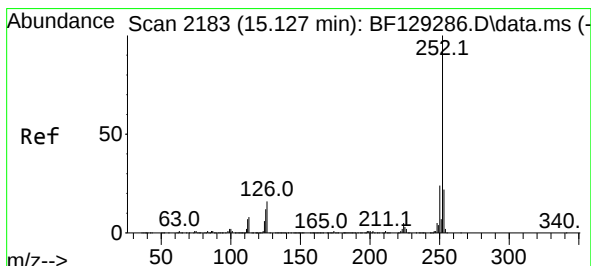
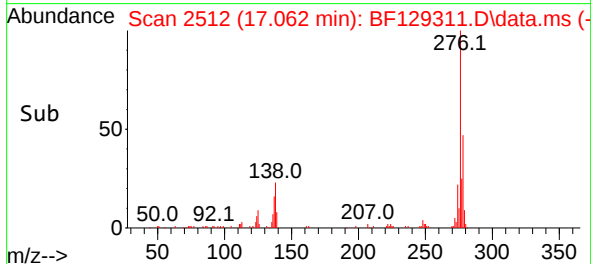
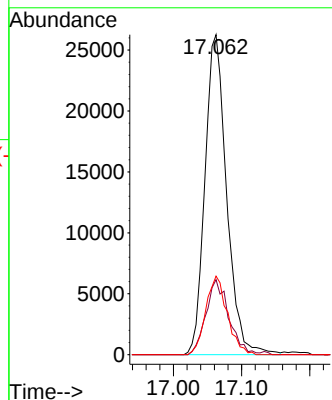
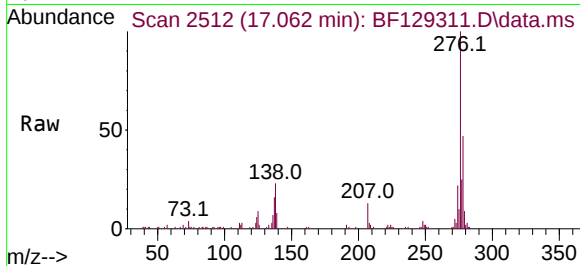




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.024 ng
RT: 17.062 min Scan# 2181
Delta R.T. -0.029 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

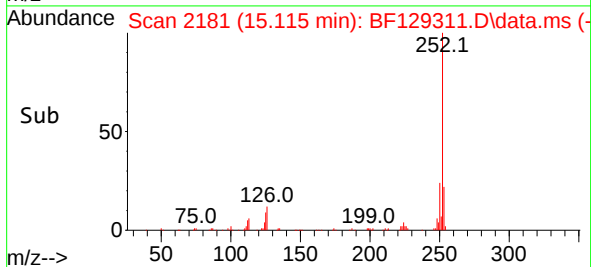
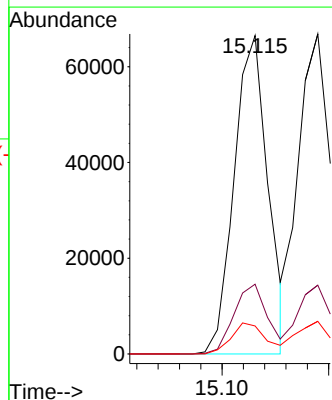
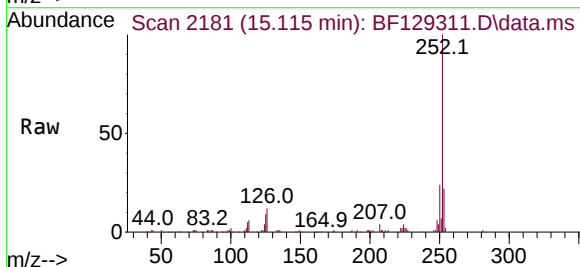
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

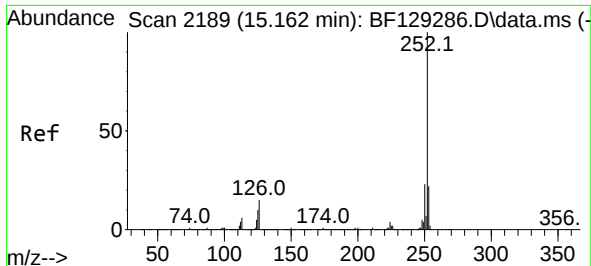
Tgt Ion:276 Resp: 58209
Ion Ratio Lower Upper
276 100
138 24.7 21.1 31.7
277 24.4 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 3.920 ng
RT: 15.115 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:252 Resp: 73254
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.8 8.0 12.0

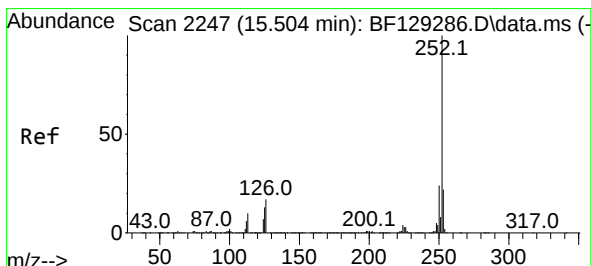
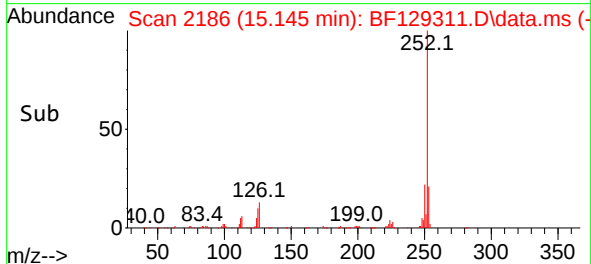
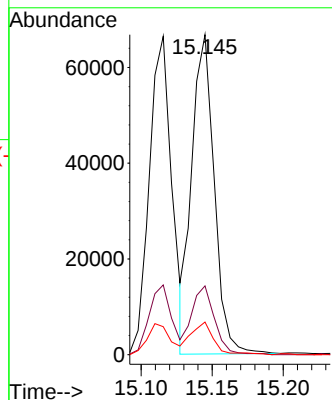
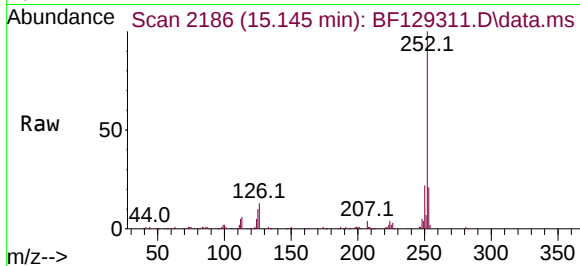




#89
Benzo(k)fluoranthene
Concen: 4.039 ng
RT: 15.145 min Scan# 2189
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

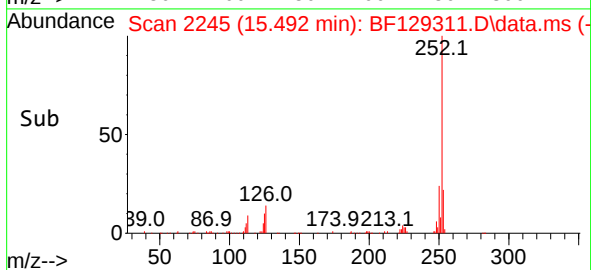
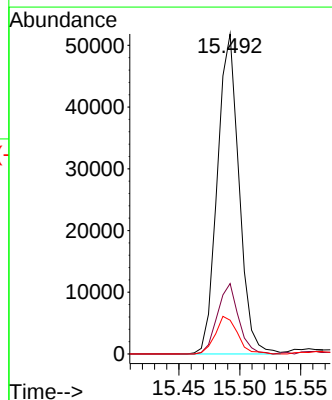
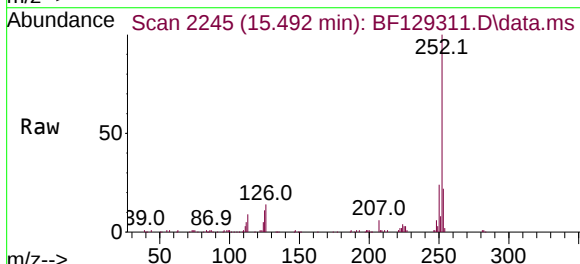
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022

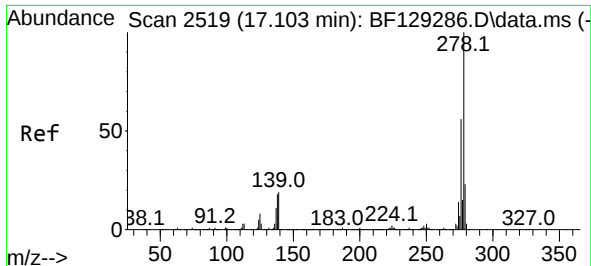
Tgt Ion:252 Resp: 73287
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 10.2 8.3 12.5



#90
Benzo(a)pyrene
Concen: 4.253 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion:252 Resp: 64316
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.6 8.8 13.2

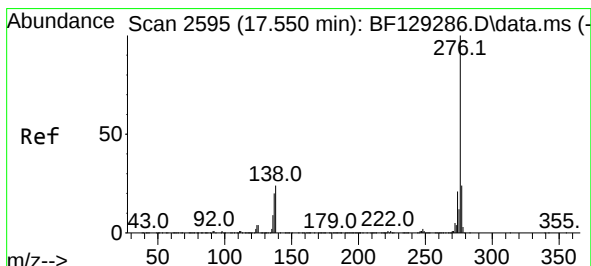
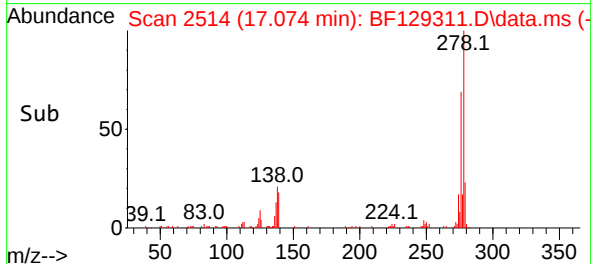
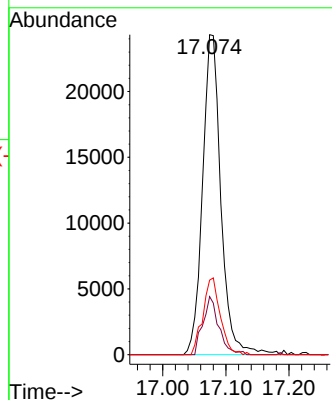
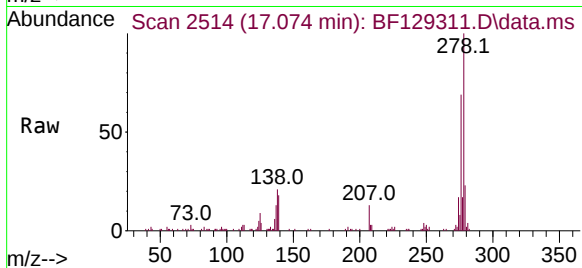




#91
 Dibenzo(a,h)anthracene
 Concen: 3.157 ng
 RT: 17.074 min Scan# 2514
 Delta R.T. -0.029 min
 Lab File: BF129311.D
 Acq: 22 Jul 2022 12:35

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Tgt Ion: 278 Resp: 48982
 Ion Ratio Lower Upper
 278 100
 139 18.2 12.8 19.2
 279 23.3 18.6 28.0



#92
 Benzo(g,h,i)perylene
 Concen: 3.091 ng
 RT: 17.515 min Scan# 2589
 Delta R.T. -0.035 min
 Lab File: BF129311.D
 Acq: 22 Jul 2022 12:35

Tgt Ion: 276 Resp: 49838
 Ion Ratio Lower Upper
 276 100
 277 24.4 19.1 28.7
 138 21.3 18.0 27.0

