

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126971.D
 Acq On : 21 Feb 2022 14:02
 Operator : CG\JU
 Sample : M4068-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Quant Time: Feb 21 14:22:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	94469	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	371917	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	192371	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	352487	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	270037	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	243288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	898803	147.050	ng	0.00
7) Phenol-d6	6.551	99	1214340	147.236	ng	0.00
23) Nitrobenzene-d5	7.486	82	697195	84.614	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	371486	167.722	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1130263	86.495	ng	0.00
79) Terphenyl-d14	13.039	244	1397898	76.099	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	21632	7.734	ng	# 95
3) Pyridine	3.551	79	52028	7.092	ng	# 89
4) n-Nitrosodimethylamine	3.451	42	27775	7.729	ng	# 70
6) Aniline	6.586	93	84779	8.676	ng	97
8) 2-Chlorophenol	6.710	128	52487	8.003	ng	92
9) Benzaldehyde	6.475	77	48419	9.644	ng	96
10) Phenol	6.557	94	65938	7.912	ng	# 53
11) bis(2-Chloroethyl)ether	6.657	93	53122	8.127	ng	100
12) 1,3-Dichlorobenzene	6.863	146	57006	8.058	ng	98
13) 1,4-Dichlorobenzene	6.939	146	57710	8.047	ng	99
14) 1,2-Dichlorobenzene	7.092	146	55081	8.053	ng	96
15) Benzyl Alcohol	7.057	79	62358	8.975	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.192	45	77488	7.529	ng	97
17) 2-Methylphenol	7.163	107	47376	8.350	ng	97
18) Hexachloroethane	7.433	117	22976	8.358	ng	93
19) n-Nitroso-di-n-propyla...	7.322	70	42246	7.949	ng	96
20) 3+4-Methylphenols	7.310	107	61442	8.339	ng	# 66
22) Acetophenone	7.322	105	84605	8.640	ng	# 96
24) Nitrobenzene	7.498	77	65076	8.360	ng	93
25) Isophorone	7.733	82	114230	8.378	ng	# 98
26) 2-Nitrophenol	7.816	139	26278	7.929	ng	# 81
27) 2,4-Dimethylphenol	7.845	122	49804	9.148	ng	87
28) bis(2-Chloroethoxy)met...	7.945	93	66498	8.045	ng	99
29) 2,4-Dichlorophenol	8.051	162	41118	8.033	ng	96
30) 1,2,4-Trichlorobenzene	8.139	180	46875	8.191	ng	96
31) Naphthalene	8.222	128	162186	8.354	ng	99
32) Benzoic acid	7.910	122	20294	5.256	ng	# 87
33) 4-Chloroaniline	8.269	127	65038	8.511	ng	97
34) Hexachlorobutadiene	8.333	225	26728	8.000	ng	94
35) Caprolactam	8.610	113	13507	7.557	ng	94
36) 4-Chloro-3-methylphenol	8.739	107	53739	8.215	ng	96
37) 2-Methylnaphthalene	8.916	142	106192	8.429	ng	99
38) 1-Methylnaphthalene	9.016	142	100906	8.364	ng	97
40) 1,2,4,5-Tetrachloroben...	9.080	216	42925	8.477	ng	99
41) Hexachlorocyclopentadiene	9.063	237	21756	7.921	ng	96
43) 2,4,6-Trichlorophenol	9.186	196	28166	7.584	ng	98

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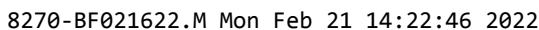
Instrument :
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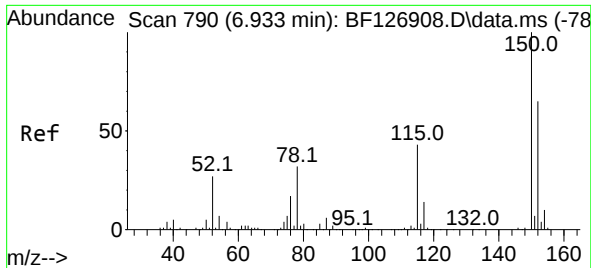
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	31110	7.960	ng	96
46) 1,1'-Biphenyl	9.375	154	130996	8.595	ng	97
47) 2-Chloronaphthalene	9.404	162	91475	8.093	ng	92
48) 2-Nitroaniline	9.498	65	34185	7.665	ng	95
49) Acenaphthylene	9.822	152	161875	8.817	ng	98
50) Dimethylphthalate	9.669	163	110884	8.064	ng	99
51) 2,6-Dinitrotoluene	9.739	165	23309	8.332	ng	99
52) Acenaphthene	9.992	154	96388	8.073	ng	98
53) 3-Nitroaniline	9.904	138	27498	8.041	ng	96
54) 2,4-Dinitrophenol	10.010	184	9033	6.100	ng	89
55) Dibenzofuran	10.163	168	133549	8.134	ng	91
56) 4-Nitrophenol	10.057	139	20217	8.004	ng	# 87
57) 2,4-Dinitrotoluene	10.139	165	30404	8.038	ng	# 97
58) Fluorene	10.504	166	104566	8.176	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.280	232	22742	7.340	ng	98
60) Diethylphthalate	10.374	149	118477	8.246	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	49415	8.194	ng	100
62) 4-Nitroaniline	10.516	138	26485	7.843	ng	# 71
63) Azobenzene	10.657	77	124942	7.809	ng	94
65) 4,6-Dinitro-2-methylph...	10.545	198	13214	6.380	ng	87
66) n-Nitrosodiphenylamine	10.616	169	91855	7.947	ng	98
67) 4-Bromophenyl-phenylether	10.986	248	31298	7.947	ng	# 84
68) Hexachlorobenzene	11.051	284	34352	8.102	ng	# 94
69) Atrazine	11.139	200	29884	8.336	ng	94
70) Pentachlorophenol	11.245	266	16293	7.040	ng	97
71) Phenanthrene	11.474	178	164026	8.314	ng	97
72) Anthracene	11.521	178	166902	8.498	ng	100
73) Carbazole	11.674	167	142452	7.909	ng	99
74) Di-n-butylphthalate	12.004	149	182812	7.895	ng	99
75) Fluoranthene	12.663	202	163156	8.710	ng	95
77) Benzidine	12.786	184	86088	11.731	ng	97
78) Pyrene	12.892	202	165369	7.049	ng	99
80) Butylbenzylphthalate	13.504	149	73743	6.640	ng	94
81) Benzo(a)anthracene	14.080	228	144852	7.957	ng	97
82) 3,3'-Dichlorobenzidine	14.039	252	52670	9.180	ng	98
83) Chrysene	14.115	228	139038	8.122	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	106430	7.299	ng	97
85) Di-n-octyl phthalate	14.674	149	164924	7.856	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	106139	6.653	ng	# 86
88) Benzo(b)fluoranthene	15.145	252	130540	7.989	ng	# 93
89) Benzo(k)fluoranthene	15.174	252	132182	8.387	ng	# 92
90) Benzo(a)pyrene	15.521	252	120774	9.463	ng	# 94
91) Dibenzo(a,h)anthracene	17.127	278	92571	7.016	ng	# 93
92) Benzo(g,h,i)perylene	17.568	276	85480	6.572	ng	# 88

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

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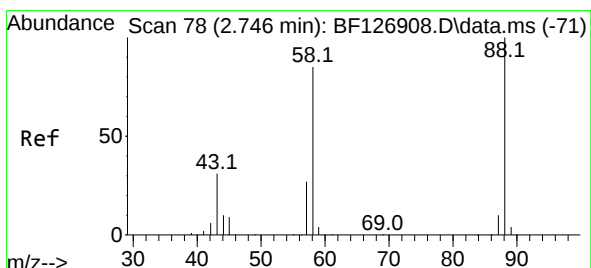
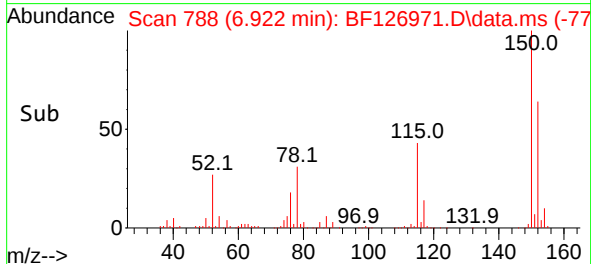
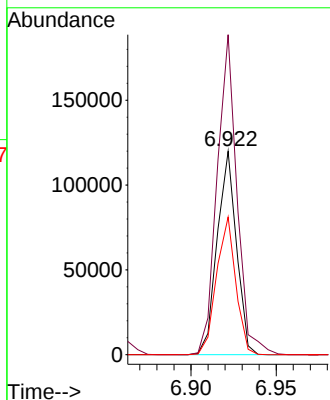
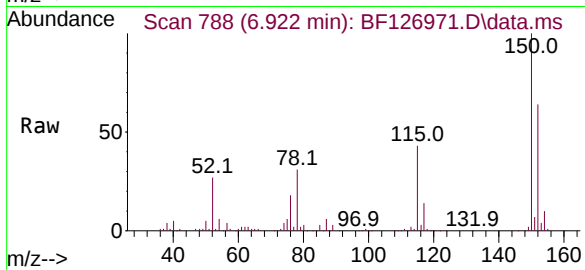




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF126971.D
 Acq: 21 Feb 2022 14:02

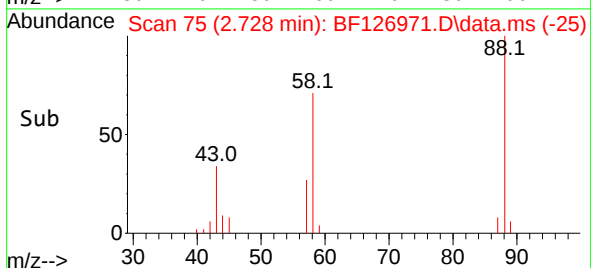
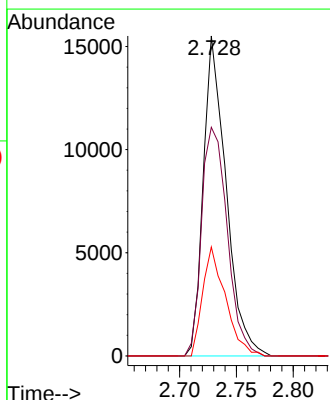
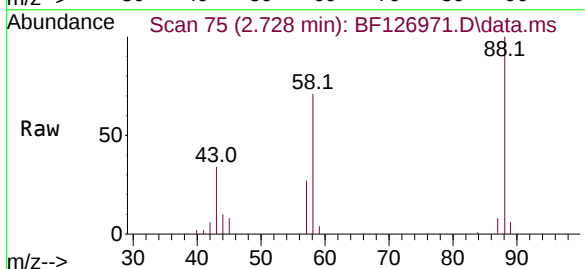
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2021

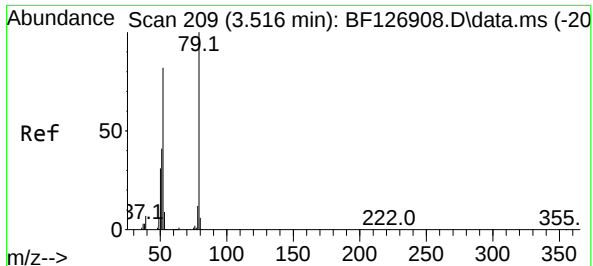
Tgt Ion:152 Resp: 94469
 Ion Ratio Lower Upper
 152 100
 150 157.3 128.1 192.1
 115 67.6 56.7 85.1



#2
 1,4-Dioxane
 Concen: 7.734 ng
 RT: 2.728 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: BF126971.D
 Acq: 21 Feb 2022 14:02

Tgt Ion: 88 Resp: 21632
 Ion Ratio Lower Upper
 88 100
 58 80.4 62.8 94.2
 43 34.3 22.3 33.5#

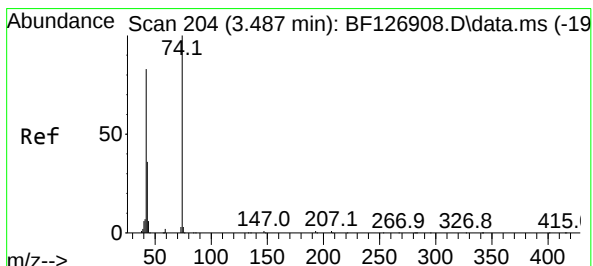
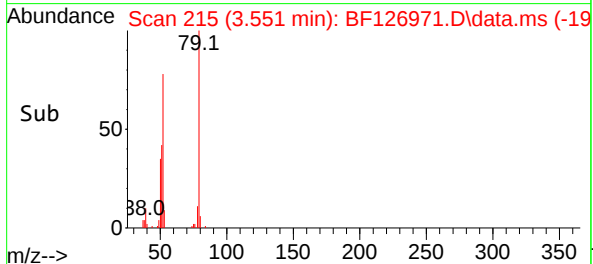
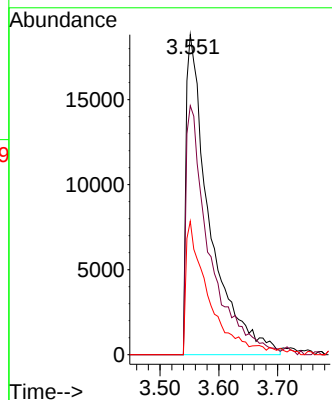
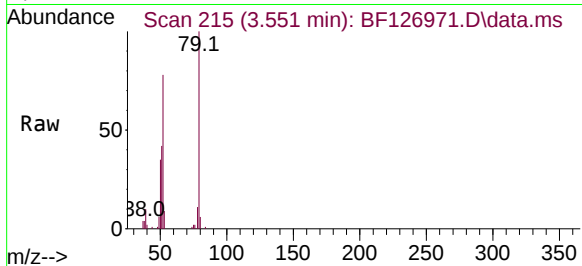




#3
Pyridine
Concen: 7.092 ng
RT: 3.551 min Scan# 215
Delta R.T. 0.041 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

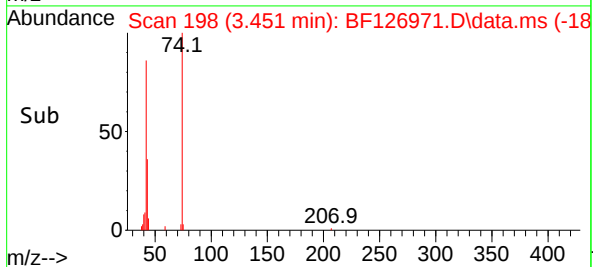
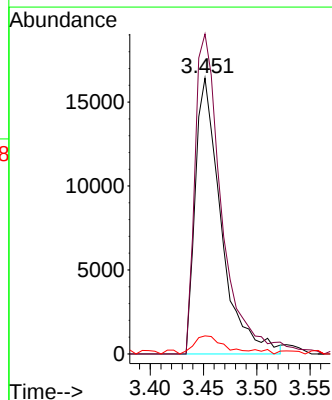
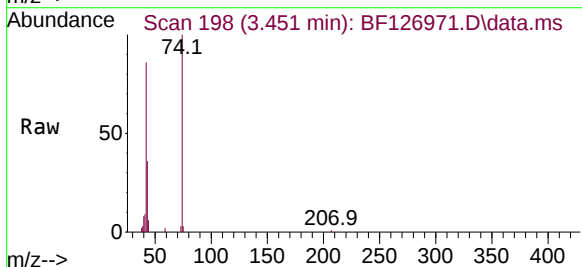
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021

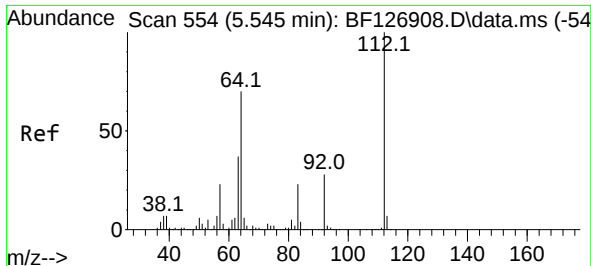
Tgt Ion: 79 Resp: 52028
Ion Ratio Lower Upper
79 100
52 77.8 56.2 84.4
51 41.7 26.7 40.1#



#4
n-Nitrosodimethylamine
Concen: 7.729 ng
RT: 3.451 min Scan# 198
Delta R.T. -0.024 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 42 Resp: 27775
Ion Ratio Lower Upper
42 100
74 116.0 125.6 188.4#
44 6.5 5.7 8.5

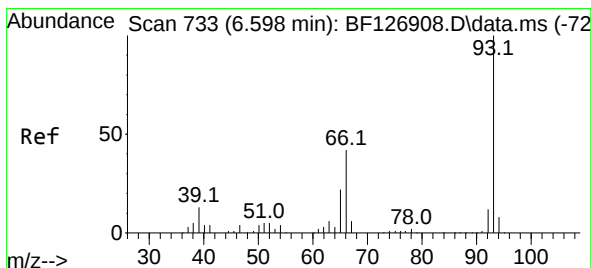
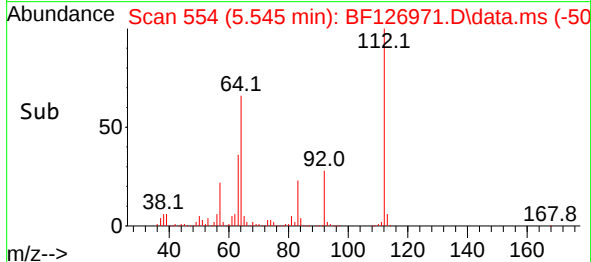
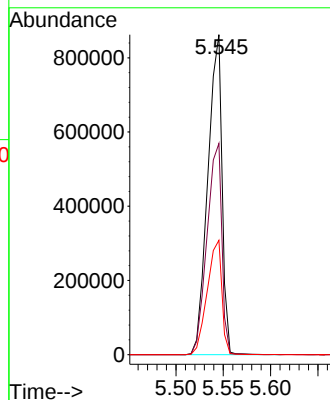
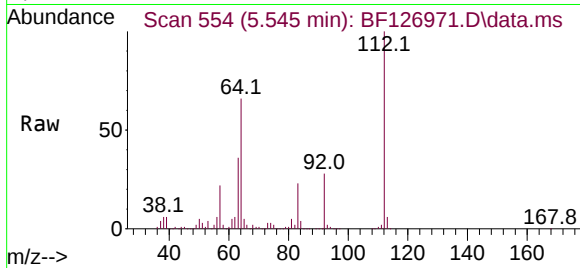




#5
2-Fluorophenol
Concen: 147.050 ng
RT: 5.545 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

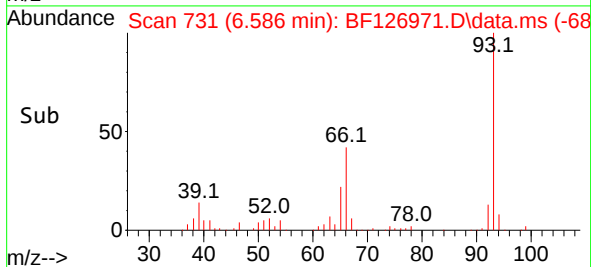
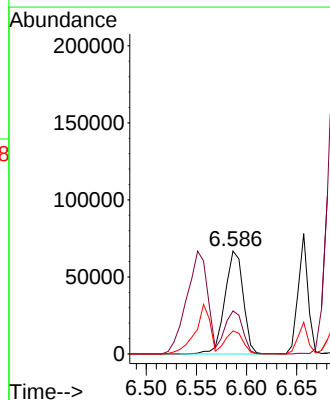
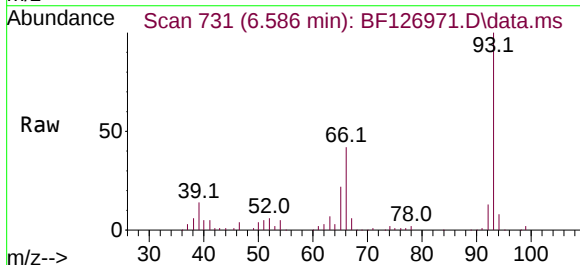
Instrument :
BNA_F
ClientSampleId :
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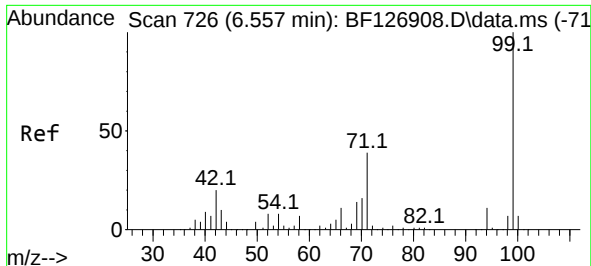
Tgt Ion:112 Resp: 898803
Ion Ratio Lower Upper
112 100
64 66.0 49.5 74.3
63 35.7 23.9 35.9



#6
Aniline
Concen: 8.676 ng
RT: 6.586 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 93 Resp: 84779
Ion Ratio Lower Upper
93 100
66 41.9 32.2 48.4
65 22.4 16.3 24.5

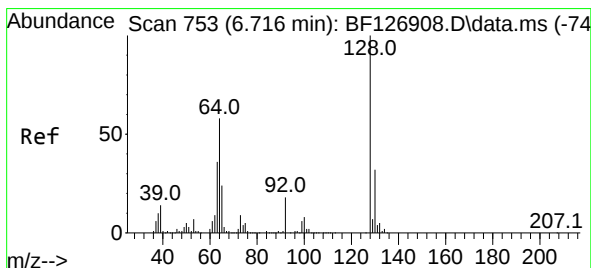
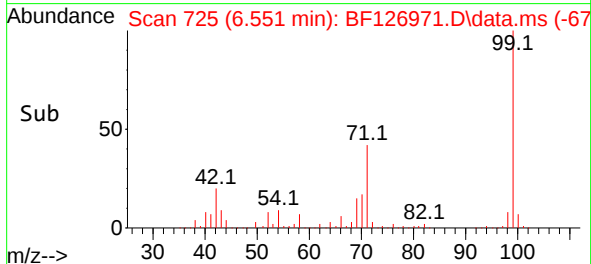
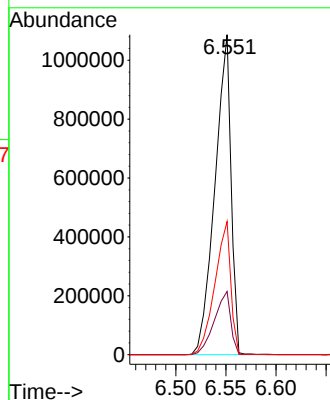
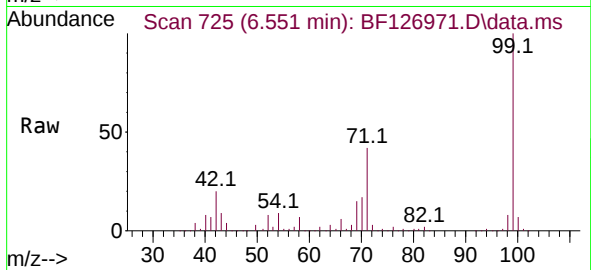




#7
Phenol-d6
Concen: 147.236 ng
RT: 6.551 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

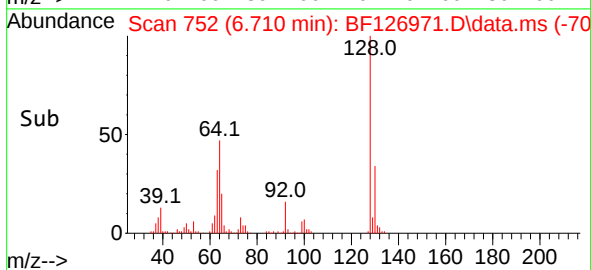
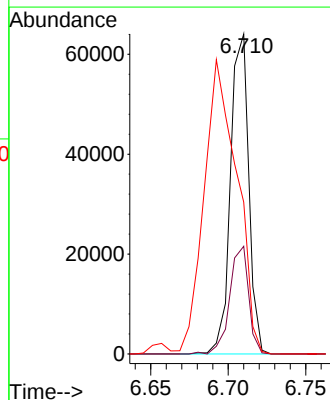
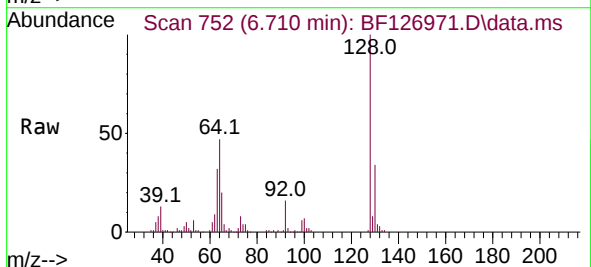
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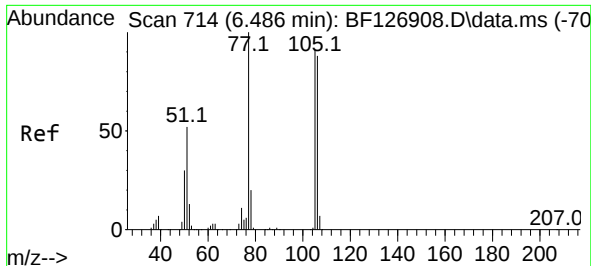
Tgt Ion: 99 Resp: 1214340
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 41.6 24.3 36.5#



#8
2-Chlorophenol
Concen: 8.003 ng
RT: 6.710 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 128 Resp: 52487
Ion Ratio Lower Upper
128 100
130 33.6 12.7 52.7
64 47.5 35.6 75.6

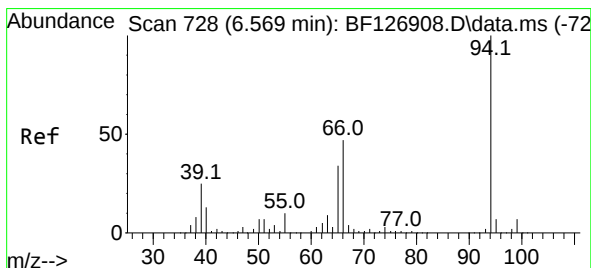
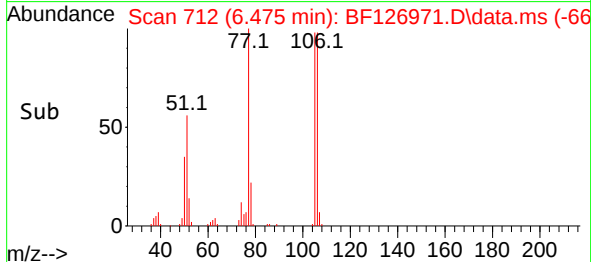
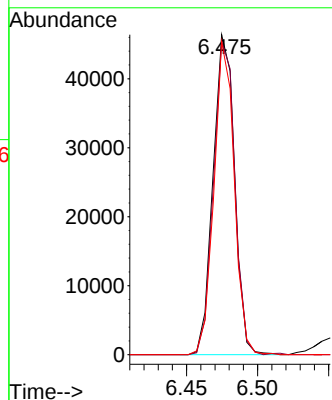
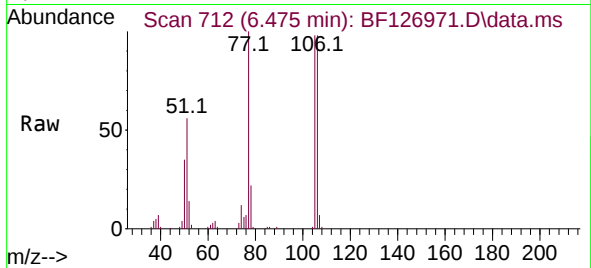




#9
Benzaldehyde
Concen: 9.644 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

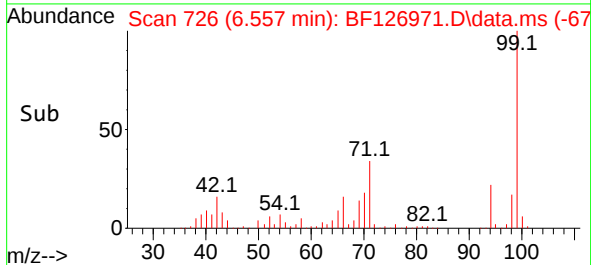
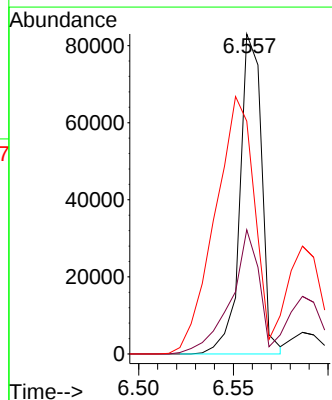
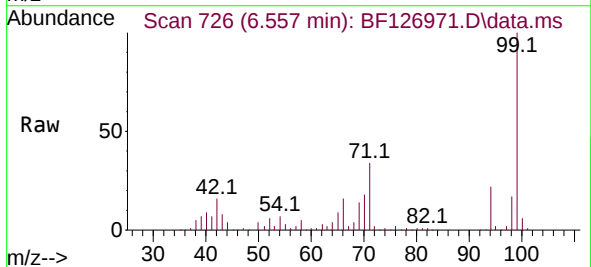
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ClientSampleId :
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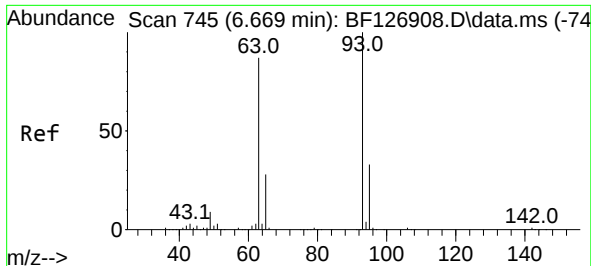
Tgt Ion: 77 Resp: 48419
Ion Ratio Lower Upper
77 100
105 97.9 74.9 114.9
106 98.0 72.4 112.4



#10
Phenol
Concen: 7.912 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 94 Resp: 65938
Ion Ratio Lower Upper
94 100
65 38.8 7.2 47.2
66 72.7 14.5 54.5#

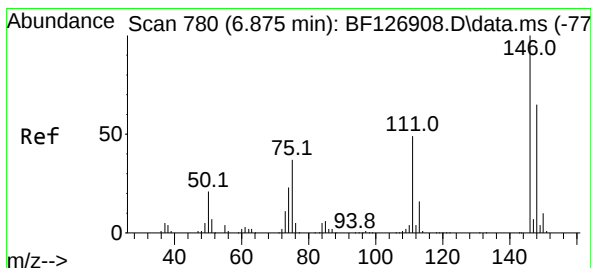
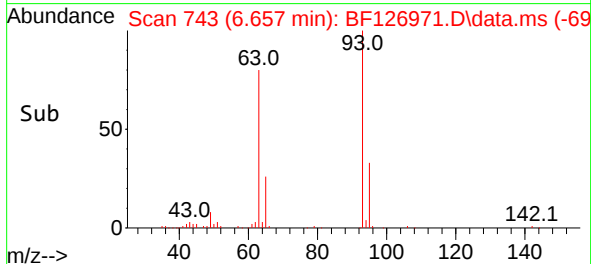
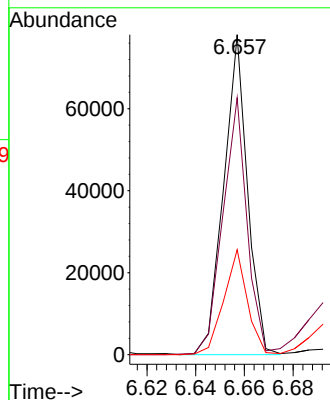
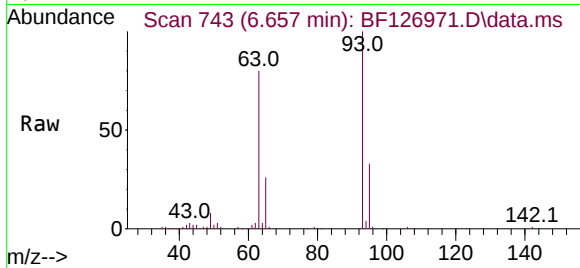




#11
bis(2-Chloroethyl)ether
Concen: 8.127 ng
RT: 6.657 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

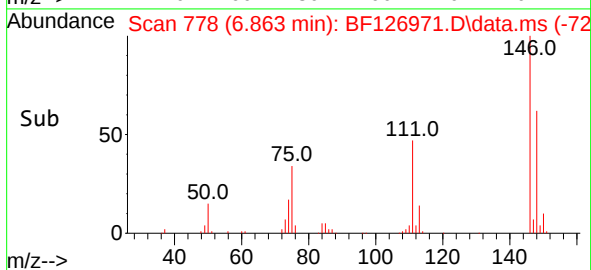
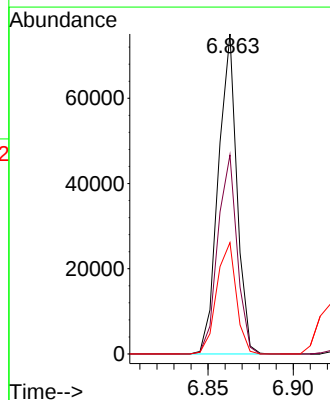
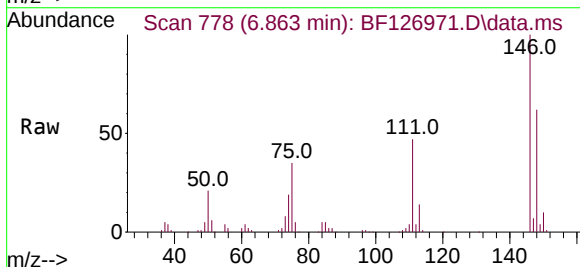
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

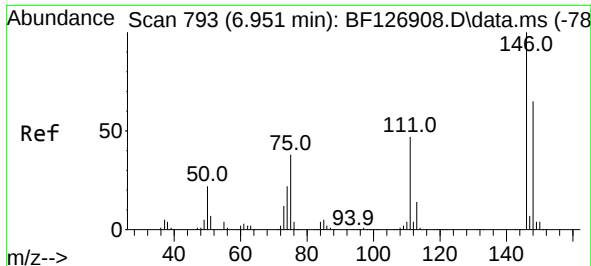
Tgt Ion: 93 Resp: 53122
Ion Ratio Lower Upper
93 100
63 80.3 60.5 100.5
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 8.058 ng
RT: 6.863 min Scan# 778
Delta R.T. -0.000 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:146 Resp: 57006
Ion Ratio Lower Upper
146 100
148 62.2 50.9 76.3
75 34.8 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 8.047 ng

RT: 6.939 min Scan# 791

Delta R.T. -0.000 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

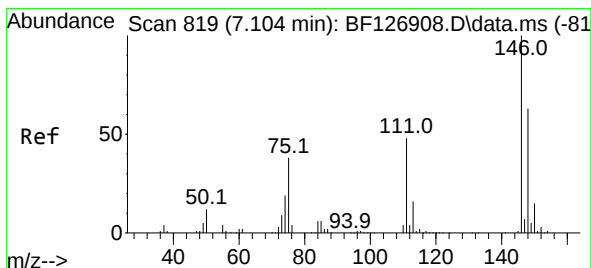
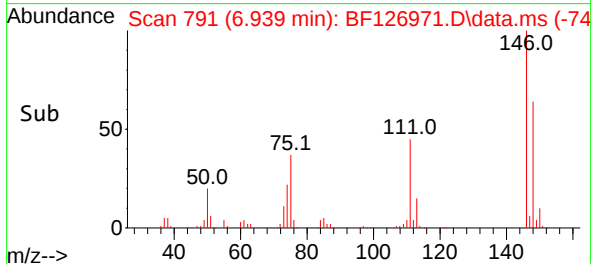
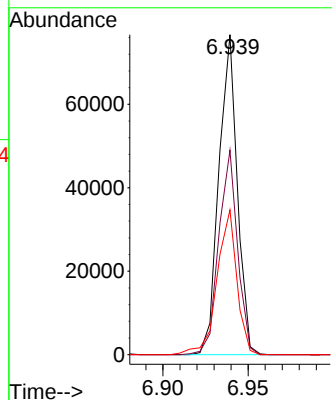
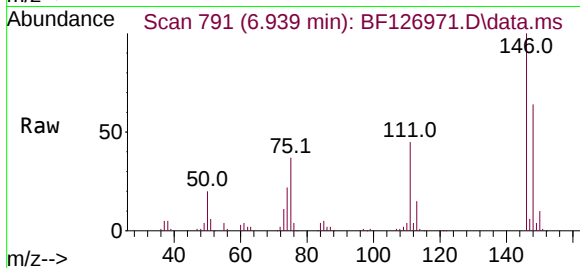
Tgt Ion:146 Resp: 57710

Ion Ratio Lower Upper

146 100

148 63.9 49.8 74.6

111 45.3 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 8.053 ng

RT: 7.092 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

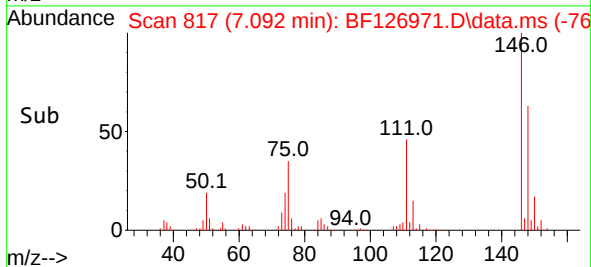
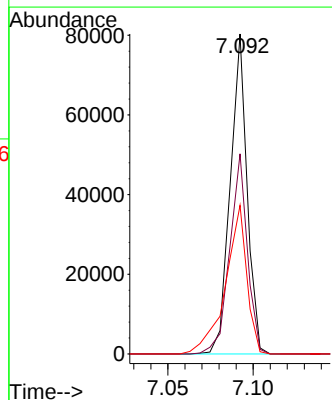
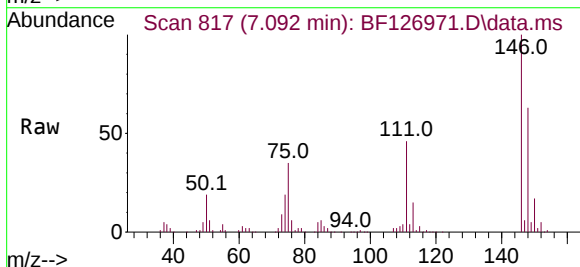
Tgt Ion:146 Resp: 55081

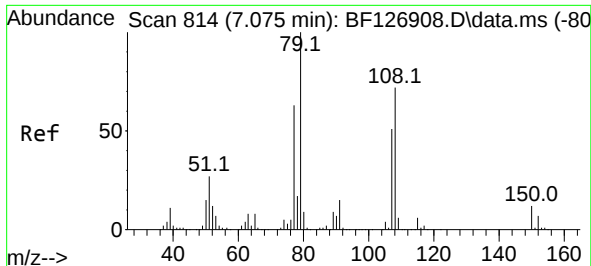
Ion Ratio Lower Upper

146 100

148 62.5 51.6 77.4

111 46.4 40.2 60.2





#15

Benzyl Alcohol

Concen: 8.975 ng

RT: 7.057 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

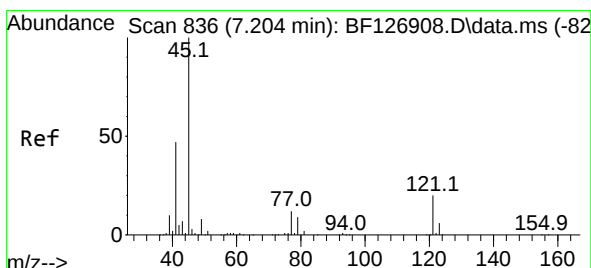
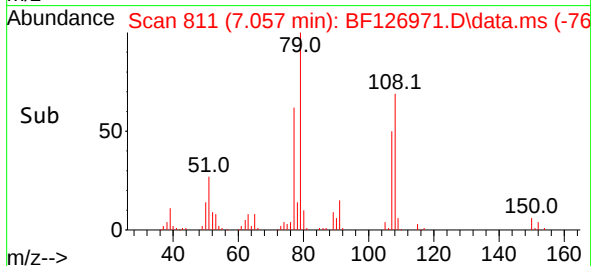
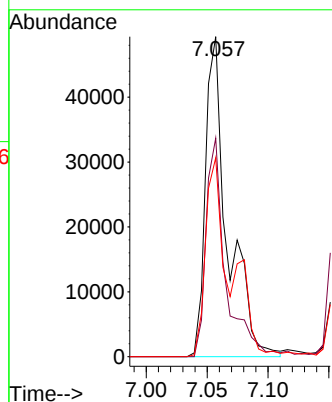
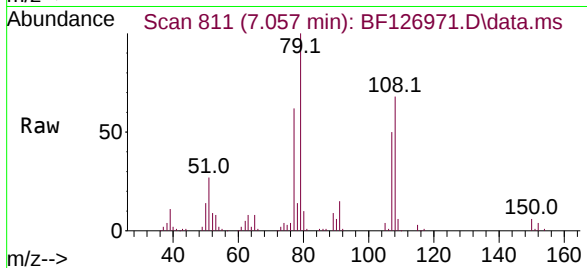
Tgt Ion: 79 Resp: 62358

Ion Ratio Lower Upper

79 100

108 68.3 63.2 94.8

77 62.1 49.4 74.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.529 ng

RT: 7.192 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

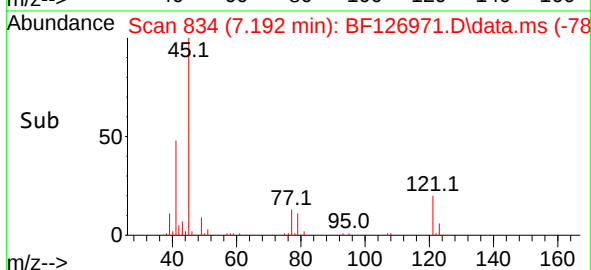
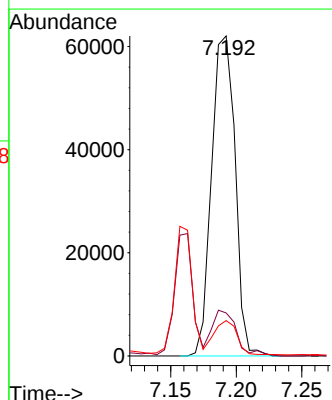
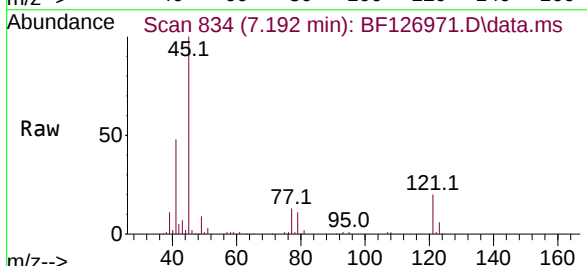
Tgt Ion: 45 Resp: 77488

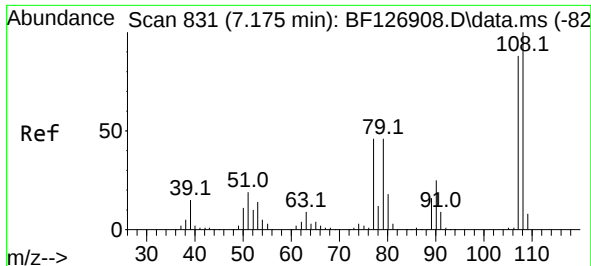
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.4

79 11.1 0.0 29.8

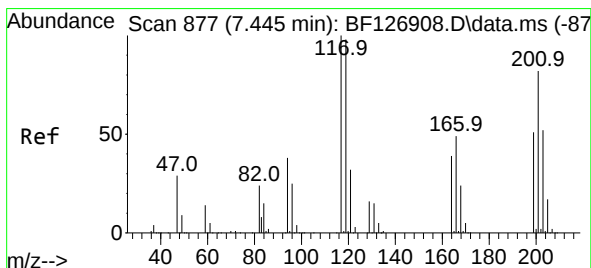
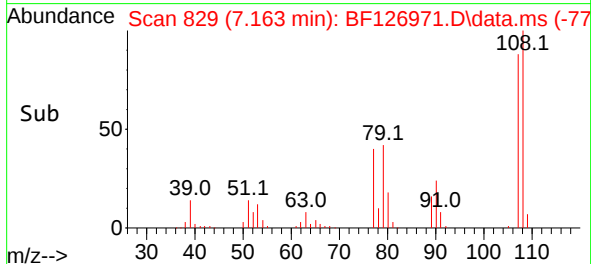
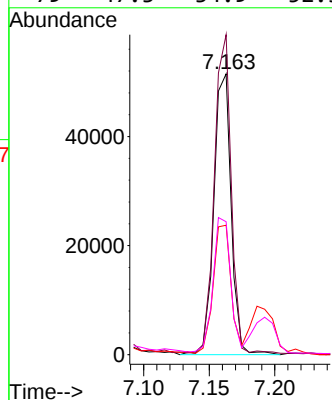
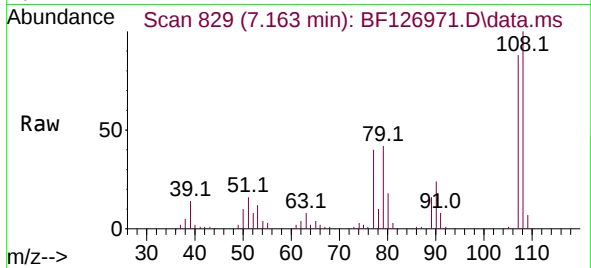




#17
2-Methylphenol
Concen: 8.350 ng
RT: 7.163 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

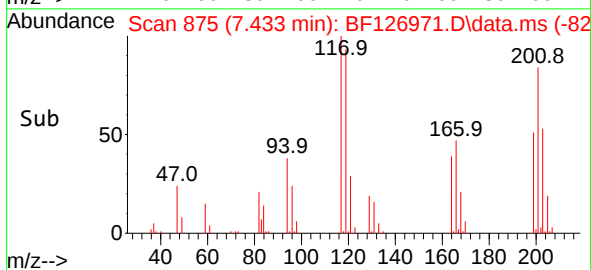
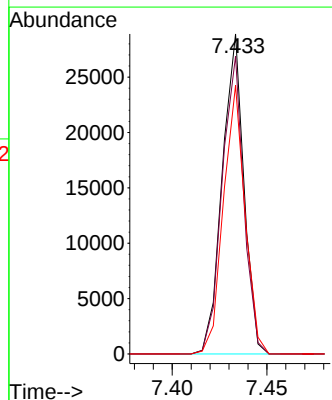
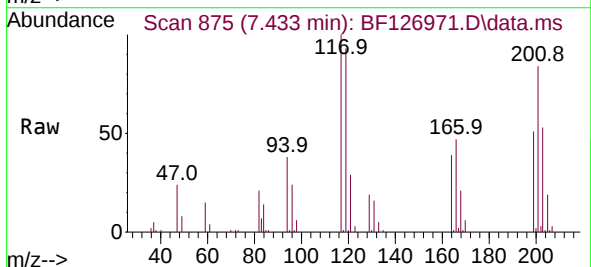
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

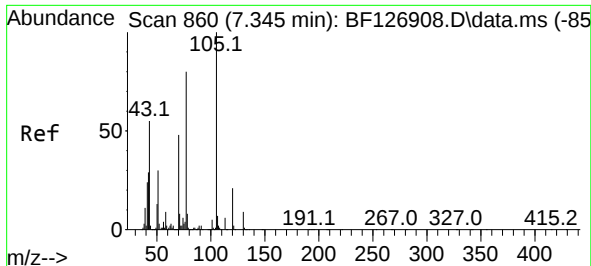
Tgt Ion:	107	Resp:	47376
Ion	Ratio	Lower	Upper
107	100		
108	113.9	93.4	140.0
77	46.1	36.1	54.1
79	47.3	34.9	52.3



#18
Hexachloroethane
Concen: 8.358 ng
RT: 7.433 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:	117	Resp:	22976
Ion	Ratio	Lower	Upper
117	100		
119	93.1	75.4	113.0
201	84.0	56.8	85.2

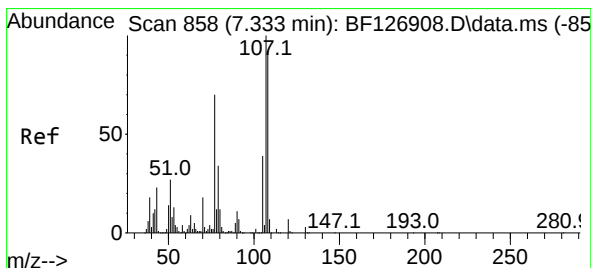
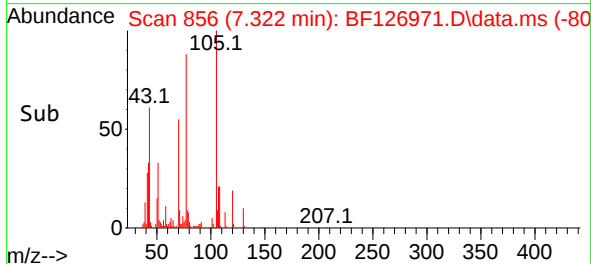
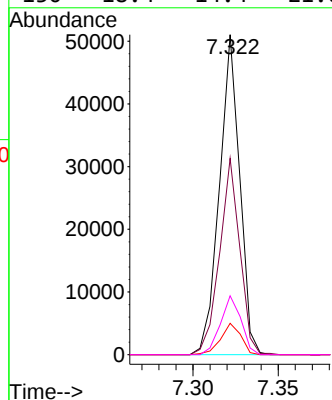
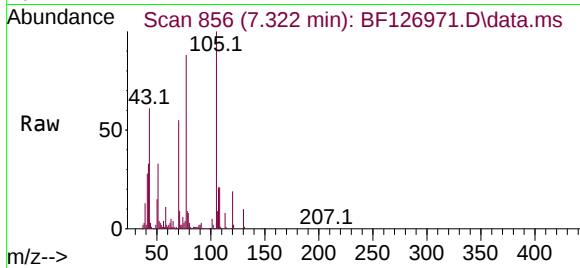




#19
n-Nitroso-di-n-propylamine
Concen: 7.949 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

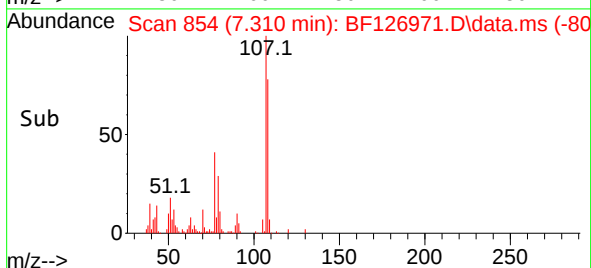
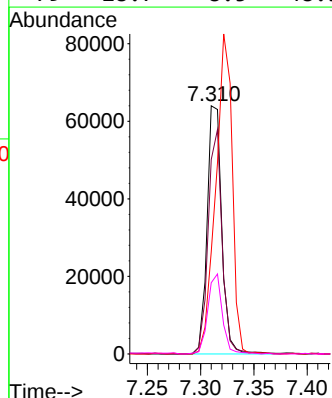
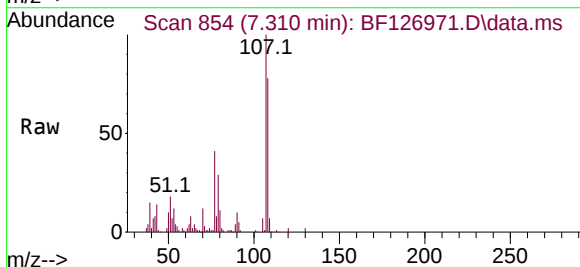
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

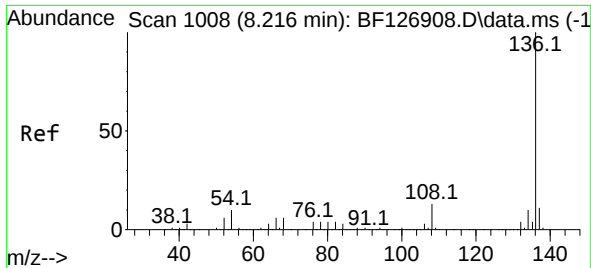
Tgt Ion:	70	Resp:	42246
Ion	Ratio	Lower	Upper
70	100		
42	61.4	45.8	68.8
101	9.8	6.9	10.3
130	18.4	14.4	21.6



#20
3+4-Methylphenols
Concen: 8.339 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

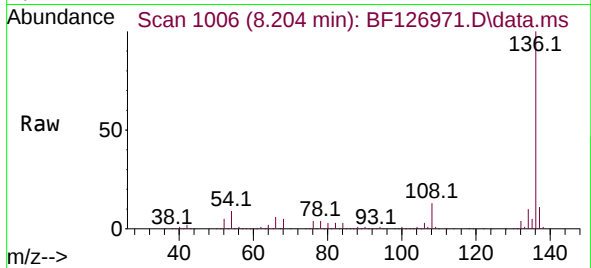
Tgt Ion:	107	Resp:	61442
Ion	Ratio	Lower	Upper
107	100		
108	78.3	72.4	112.4
77	41.2	83.8	123.8#
79	28.7	8.5	48.5



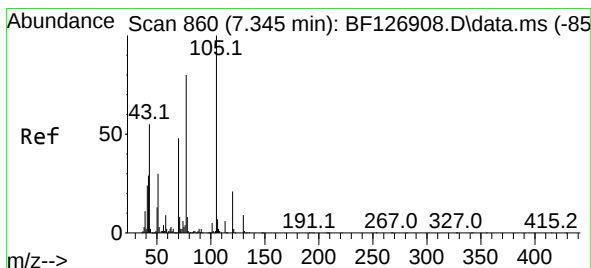
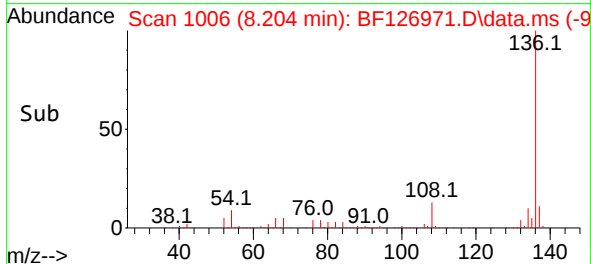
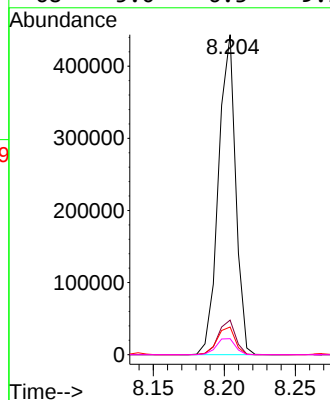


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

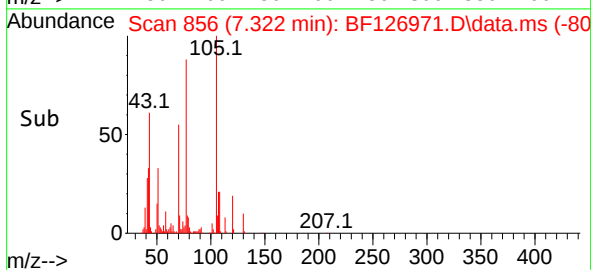
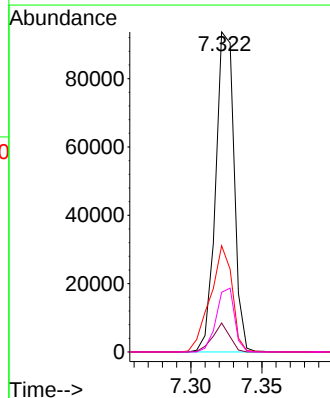
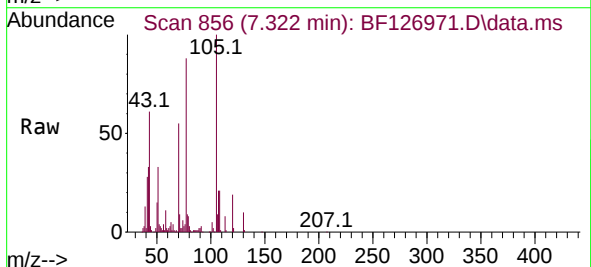


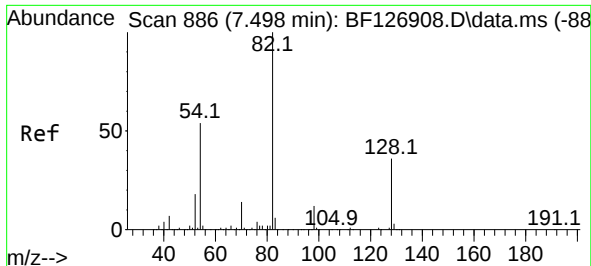
Tgt Ion:136 Resp: 371917
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.8 11.6
68 5.0 6.3 9.5#



#22
Acetophenone
Concen: 8.640 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:105 Resp: 84605
Ion Ratio Lower Upper
105 100
71 9.0 5.4 8.0#
51 33.2 27.4 41.0
120 18.7 17.0 25.6

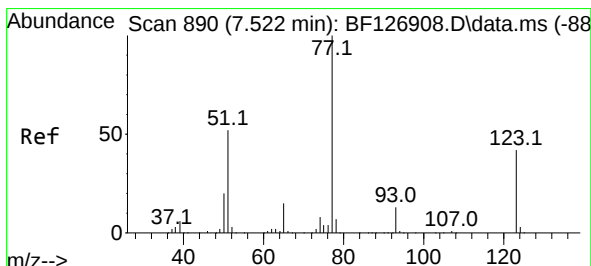
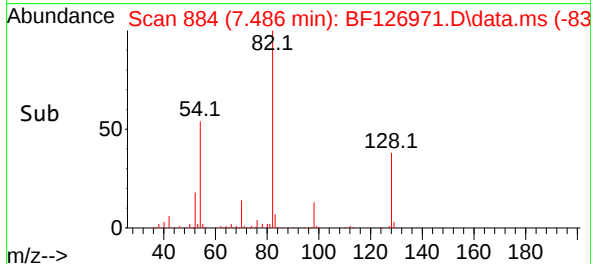
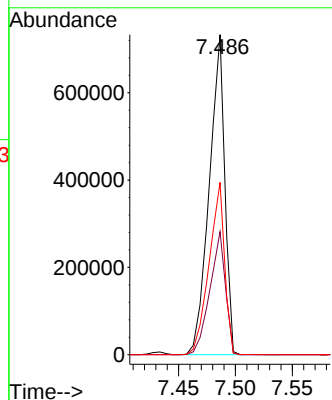
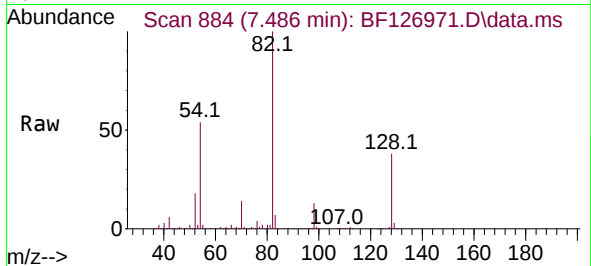




#23
Nitrobenzene-d5
Concen: 84.614 ng
RT: 7.486 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

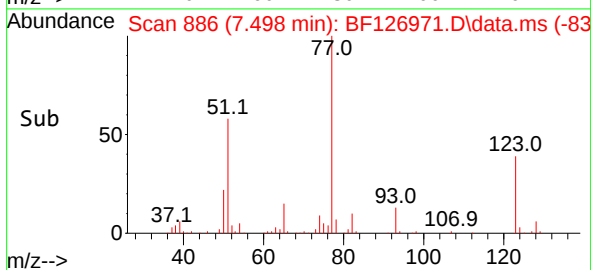
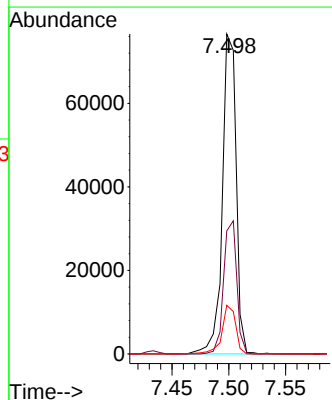
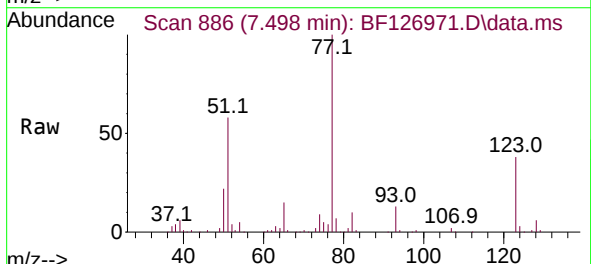
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

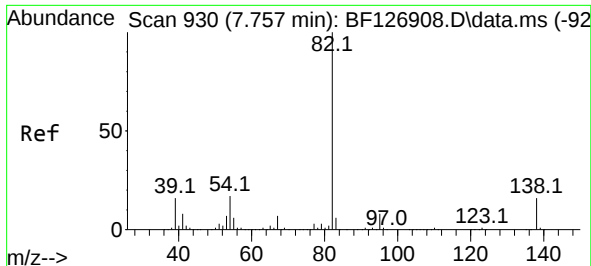
Tgt Ion: 82 Resp: 697195
Ion Ratio Lower Upper
82 100
128 38.5 32.7 49.1
54 53.8 41.7 62.5



#24
Nitrobenzene
Concen: 8.360 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 77 Resp: 65076
Ion Ratio Lower Upper
77 100
123 38.4 34.6 52.0
65 15.2 10.6 15.8

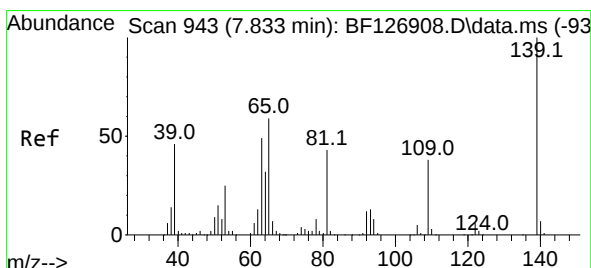
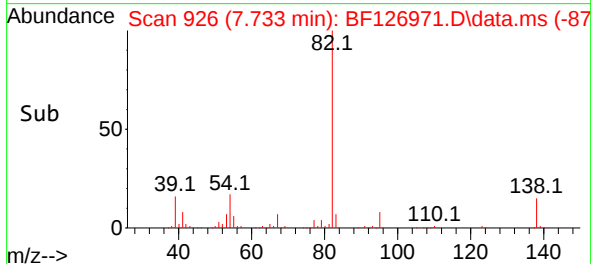
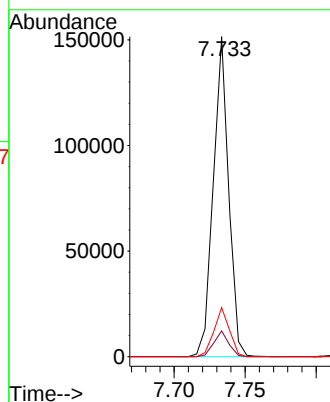
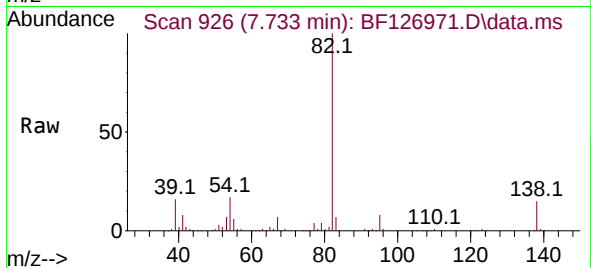




#25
Isophorone
Concen: 8.378 ng
RT: 7.733 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

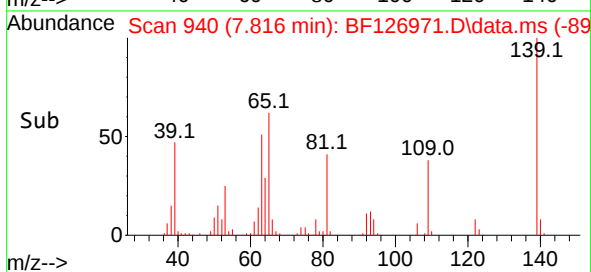
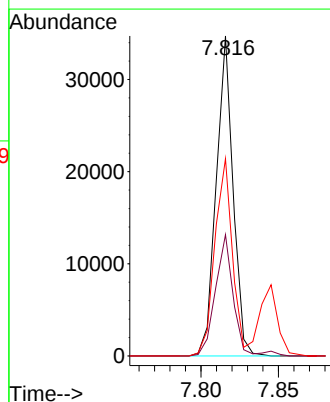
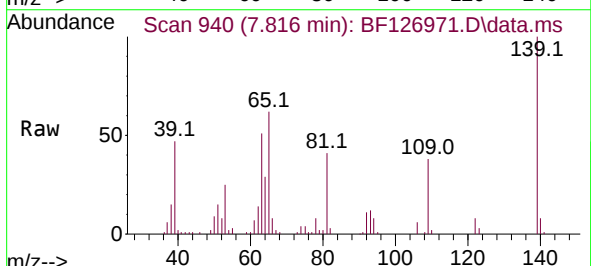
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

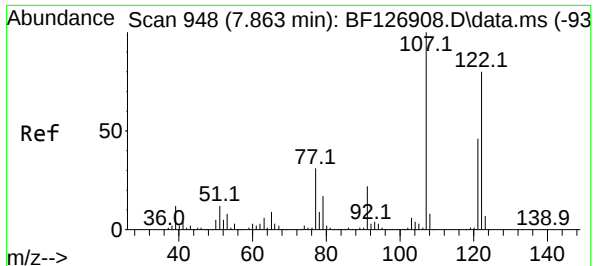
Tgt Ion: 82 Resp: 114230
Ion Ratio Lower Upper
82 100
95 8.0 5.0 7.4#
138 15.3 12.3 18.5



#26
2-Nitrophenol
Concen: 7.929 ng
RT: 7.816 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 139 Resp: 26278
Ion Ratio Lower Upper
139 100
109 37.9 20.0 30.0#
65 61.7 40.8 61.2#



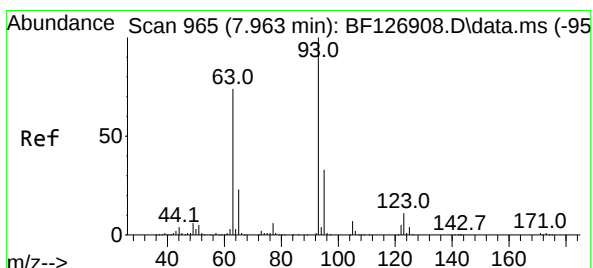
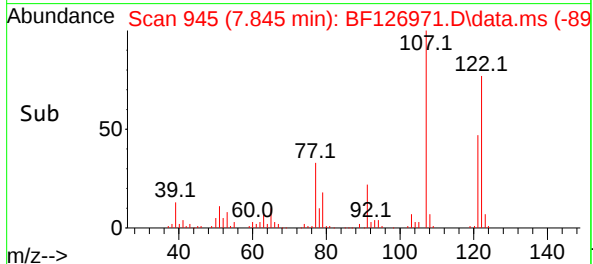
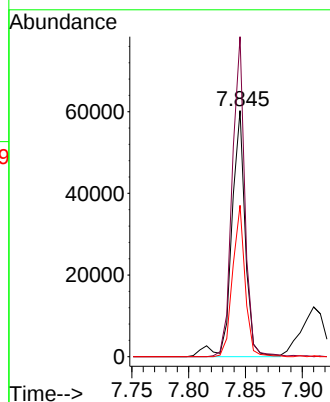
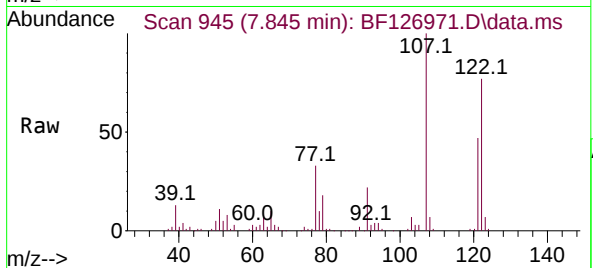


#27
2,4-Dimethylphenol
Concen: 9.148 ng
RT: 7.845 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion:122 Resp: 49804

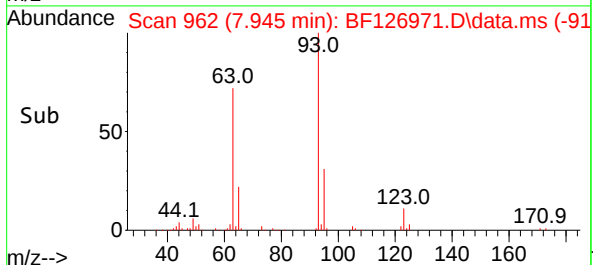
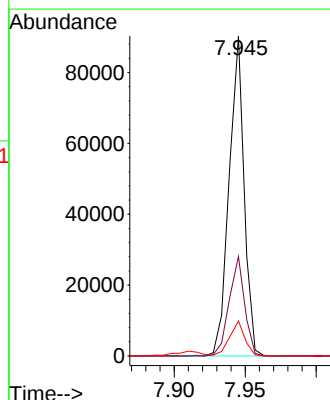
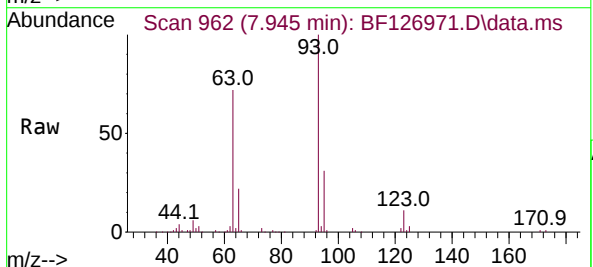
Ion	Ratio	Lower	Upper
122	100		
107	130.1	91.2	136.8
121	61.5	44.4	66.6

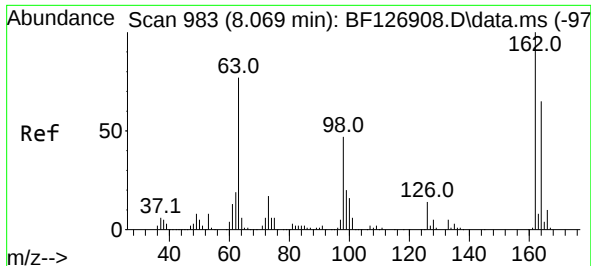


#28
bis(2-Chloroethoxy)methane
Concen: 8.045 ng
RT: 7.945 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 93 Resp: 66498

Ion	Ratio	Lower	Upper
93	100		
95	31.1	25.4	38.2
123	10.9	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 8.033 ng

RT: 8.051 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126971.D

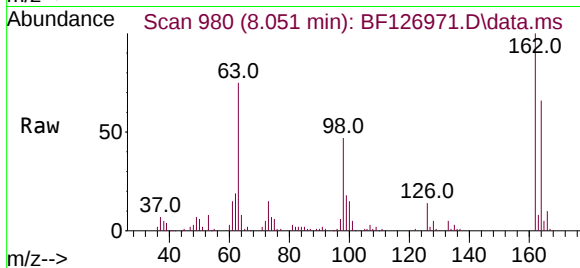
Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021



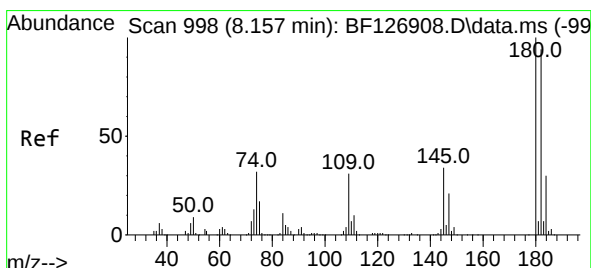
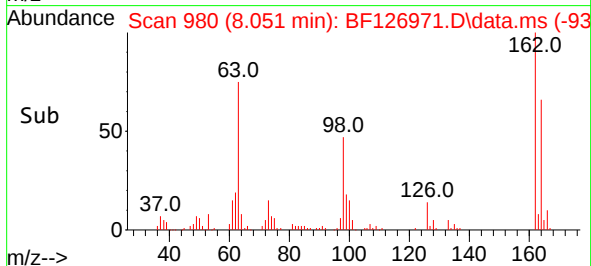
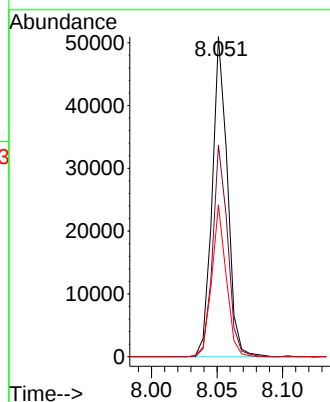
Tgt Ion:162 Resp: 41118

Ion Ratio Lower Upper

162 100

164 66.2 43.8 83.8

98 47.4 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 8.191 ng

RT: 8.139 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

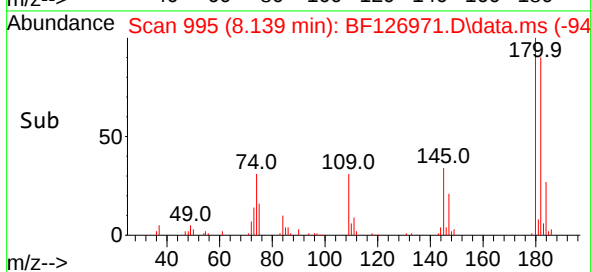
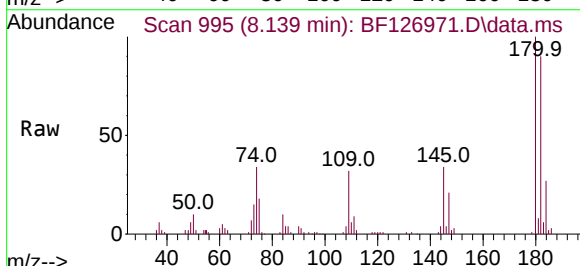
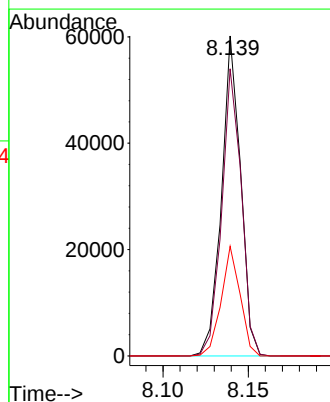
Tgt Ion:180 Resp: 46875

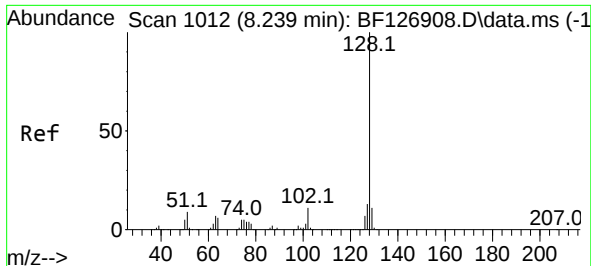
Ion Ratio Lower Upper

180 100

182 89.7 75.5 113.3

145 34.3 26.2 39.2

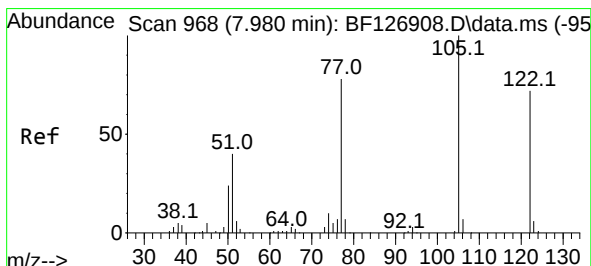
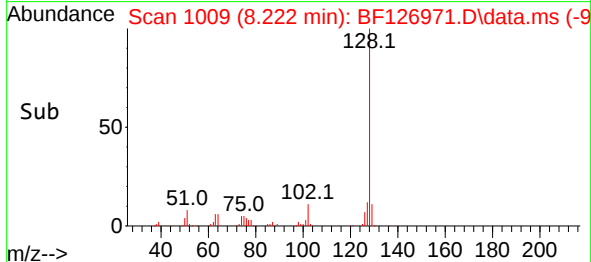
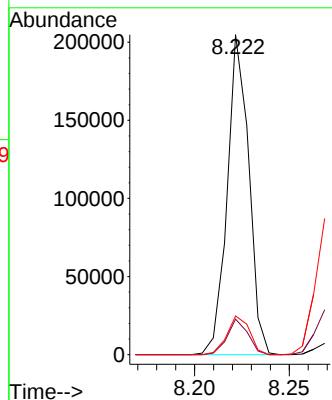
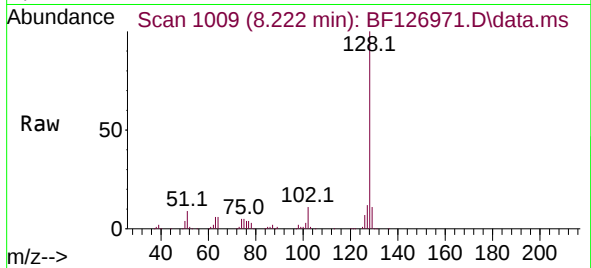




#31
Naphthalene
Concen: 8.354 ng
RT: 8.222 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

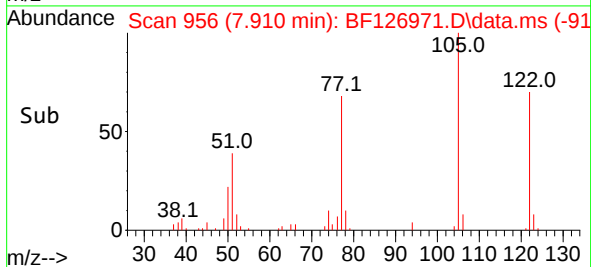
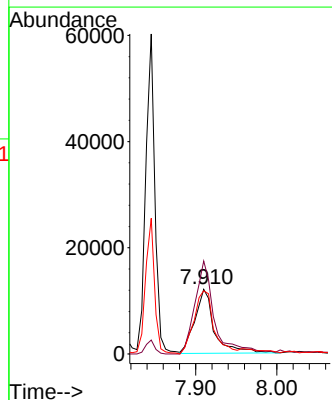
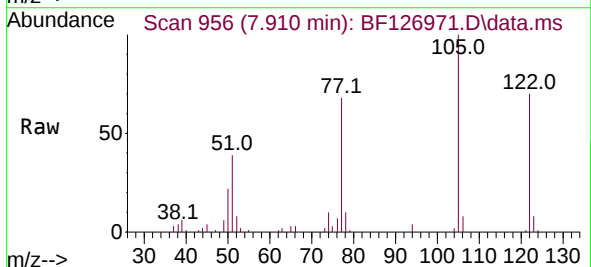
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

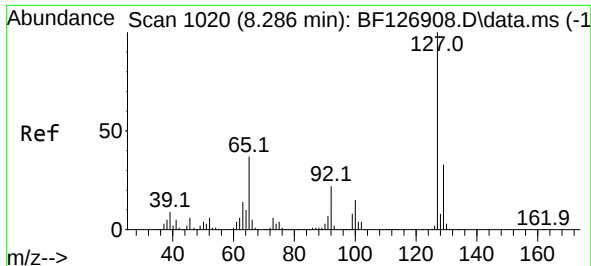
Tgt Ion:128 Resp: 162186
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.1 10.3 15.5



#32
Benzoic acid
Concen: 5.256 ng
RT: 7.910 min Scan# 956
Delta R.T. -0.059 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:122 Resp: 20294
Ion Ratio Lower Upper
122 100
105 143.6 101.0 141.0#
77 97.8 74.5 114.5

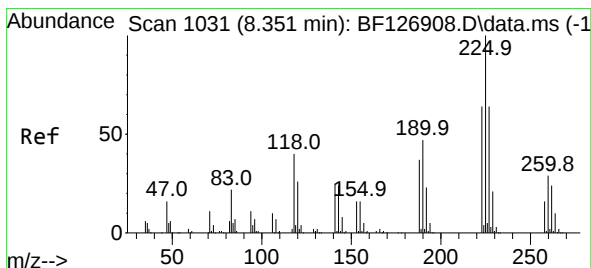
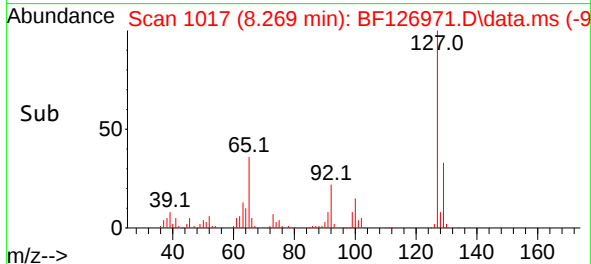
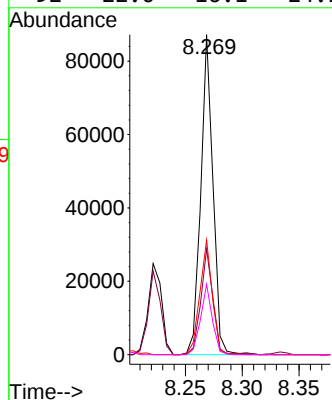
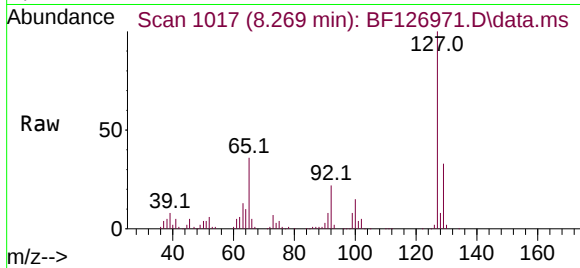




#33
4-Chloroaniline
Concen: 8.511 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

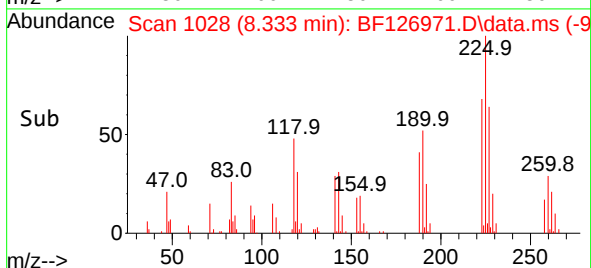
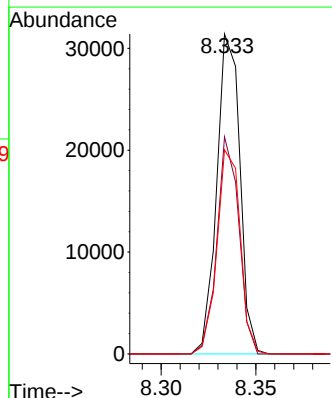
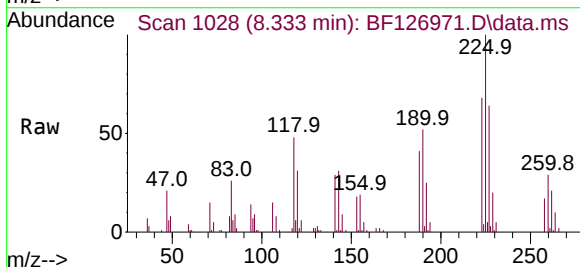
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

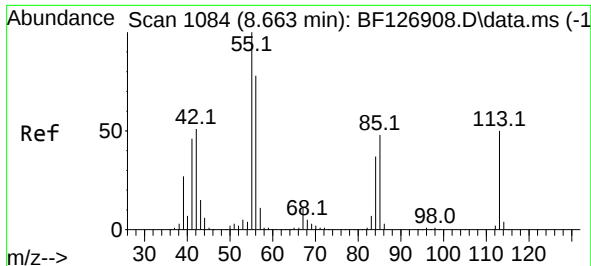
Tgt Ion:	127	Resp:	65038
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	35.8	26.6	39.8
92	22.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 8.000 ng
RT: 8.333 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:	225	Resp:	26728
Ion	Ratio	Lower	Upper
225	100		
223	67.9	48.6	73.0
227	67.2	51.4	77.0

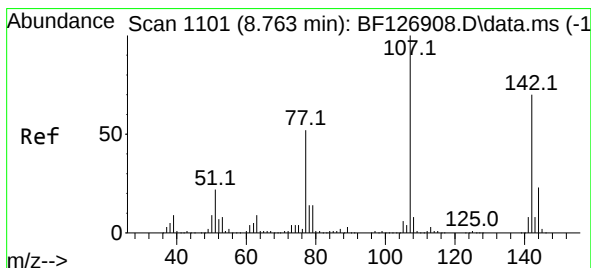
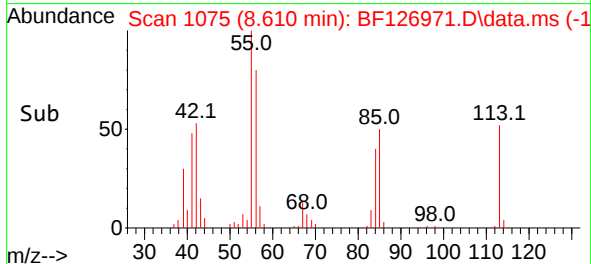
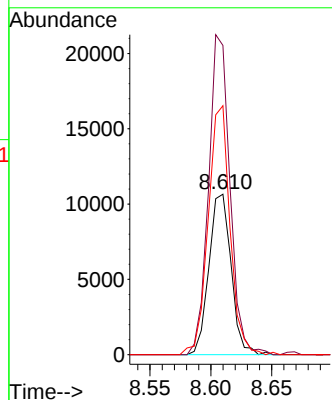
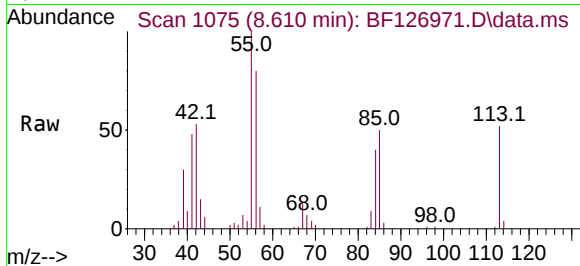




#35
 Caprolactam
 Concen: 7.557 ng
 RT: 8.610 min Scan# 1097
 Delta R.T. -0.041 min
 Lab File: BF126971.D
 Acq: 21 Feb 2022 14:02

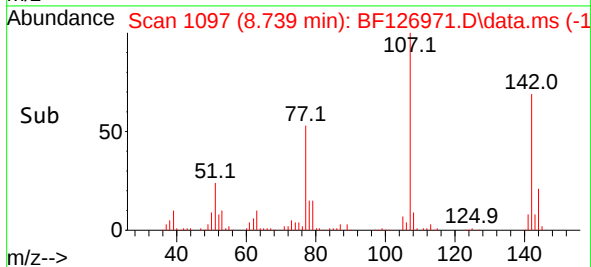
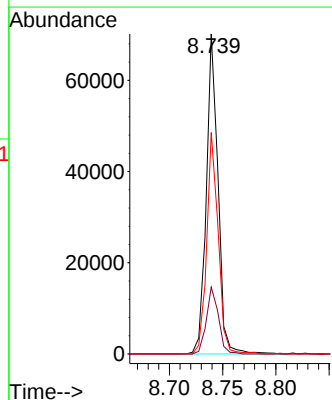
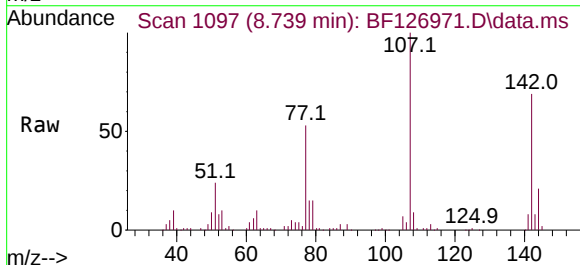
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2021

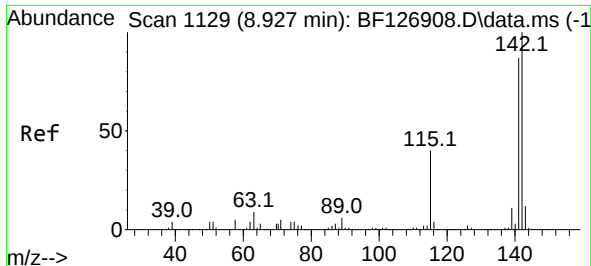
Tgt Ion:113 Resp: 13507
 Ion Ratio Lower Upper
 113 100
 55 192.7 183.9 223.9
 56 155.1 129.9 169.9



#36
 4-Chloro-3-methylphenol
 Concen: 8.215 ng
 RT: 8.739 min Scan# 1097
 Delta R.T. -0.012 min
 Lab File: BF126971.D
 Acq: 21 Feb 2022 14:02

Tgt Ion:107 Resp: 53739
 Ion Ratio Lower Upper
 107 100
 144 20.9 18.5 27.7
 142 69.2 58.1 87.1





#37

2-Methylnaphthalene

Concen: 8.429 ng

RT: 8.916 min Scan# 1127

Delta R.T. -0.000 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

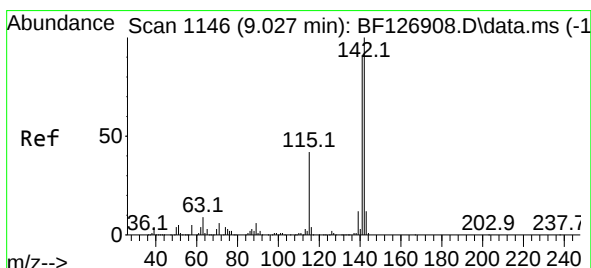
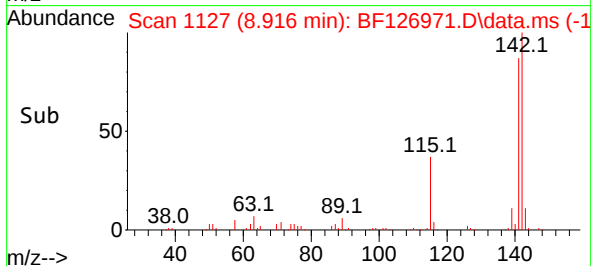
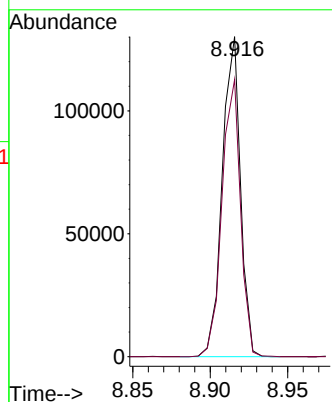
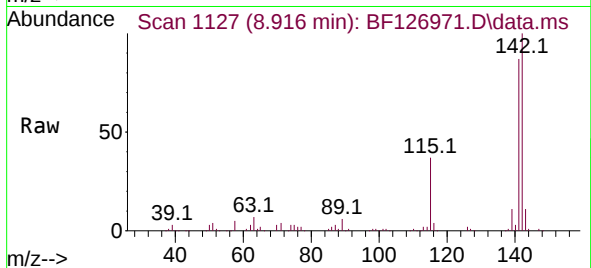
MDL-WATER-03-QT4-2021

Tgt Ion:142 Resp: 106192

Ion Ratio Lower Upper

142 100

141 86.6 68.6 102.8



#38

1-Methylnaphthalene

Concen: 8.364 ng

RT: 9.016 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF126971.D

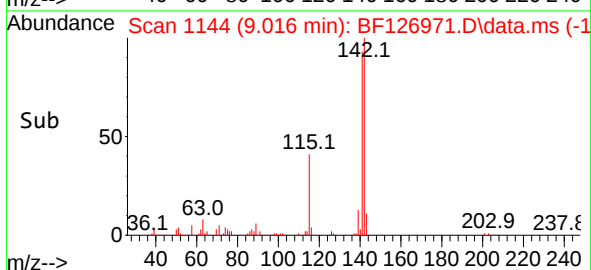
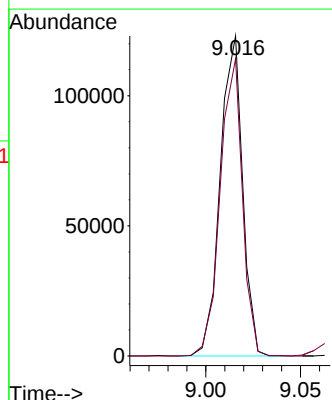
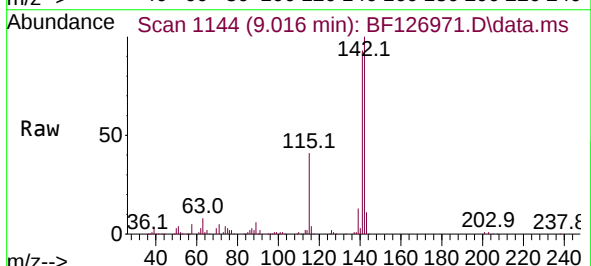
Acq: 21 Feb 2022 14:02

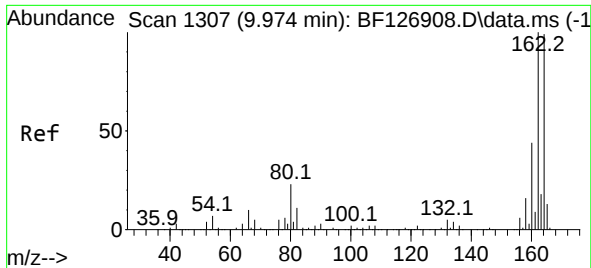
Tgt Ion:142 Resp: 100906

Ion Ratio Lower Upper

142 100

141 92.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126971.D

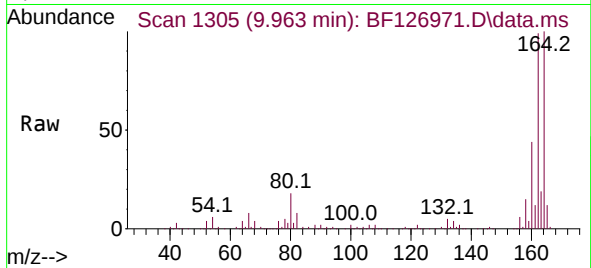
Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021



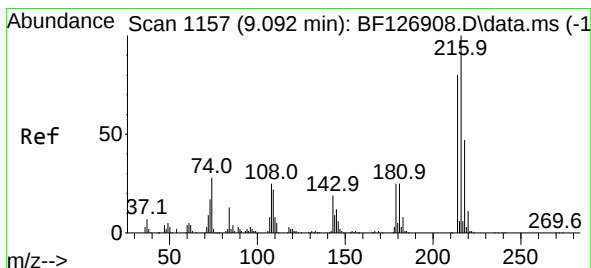
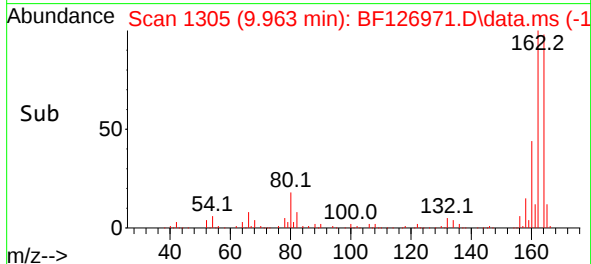
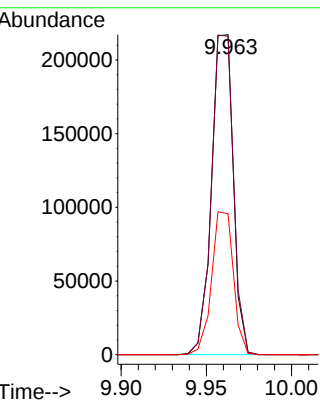
Tgt Ion:164 Resp: 192371

Ion Ratio Lower Upper

164 100

162 99.5 81.4 122.0

160 44.0 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.477 ng

RT: 9.080 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Tgt Ion:216 Resp: 42925

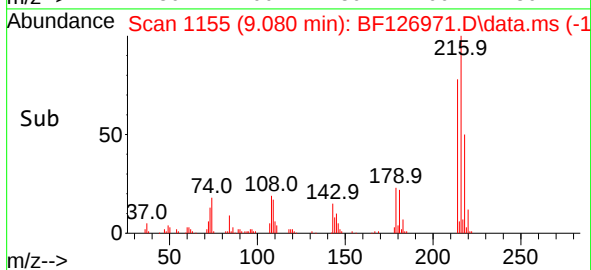
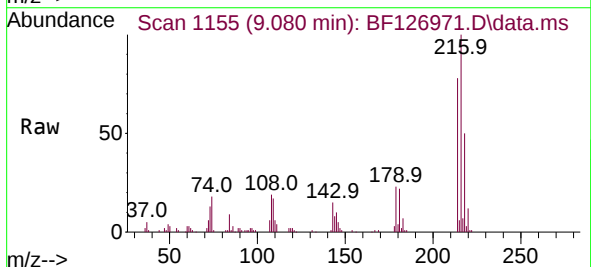
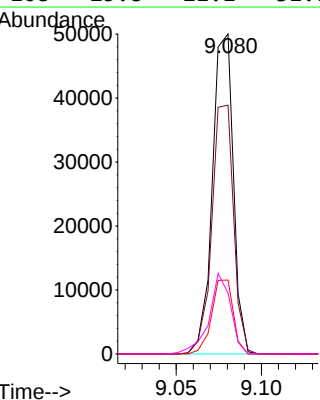
Ion Ratio Lower Upper

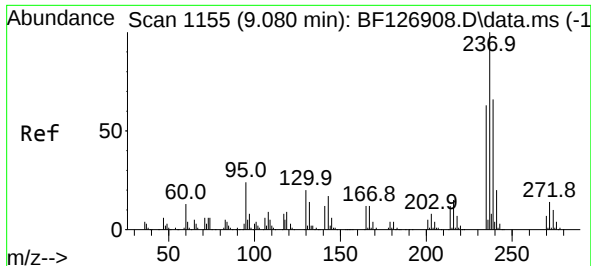
216 100

214 80.6 64.6 96.8

179 23.7 19.5 29.3

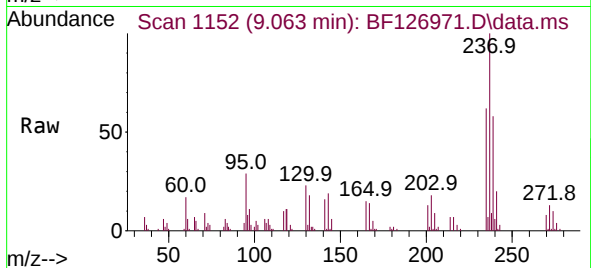
108 25.8 21.1 31.7



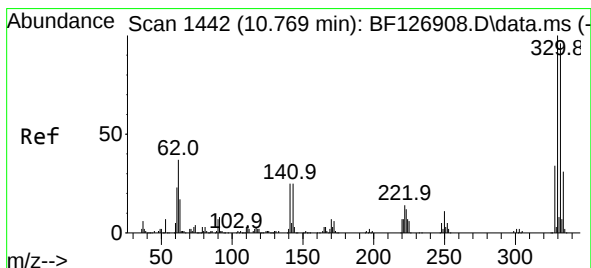
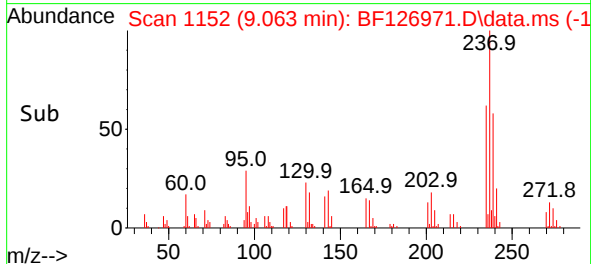
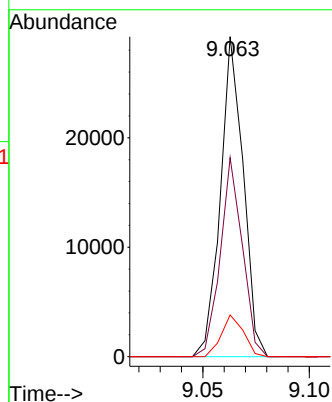


#41
Hexachlorocyclopentadiene
Concen: 7.921 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

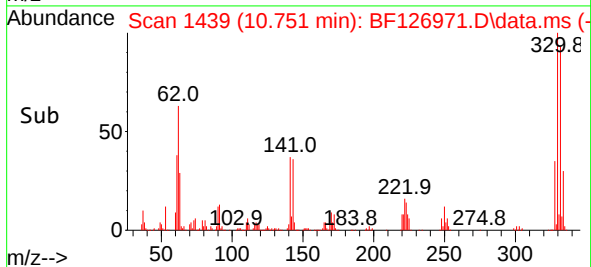
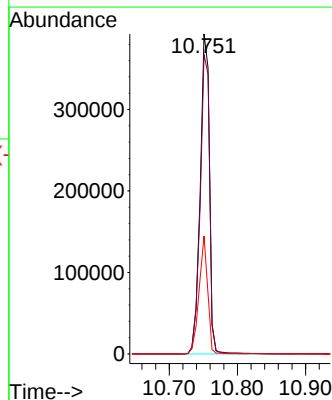
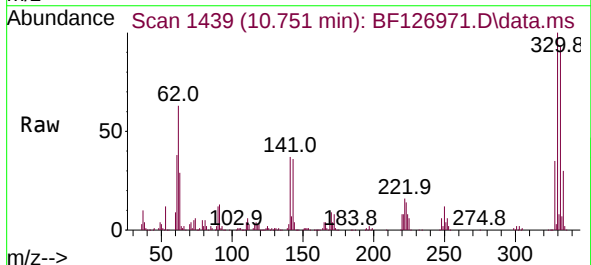


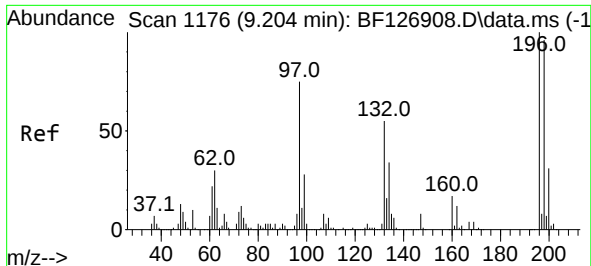
Tgt Ion:237 Resp: 21756
Ion Ratio Lower Upper
237 100
235 62.2 38.9 78.9
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 167.722 ng
RT: 10.751 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:330 Resp: 371486
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 34.3 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 7.584 ng

RT: 9.186 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

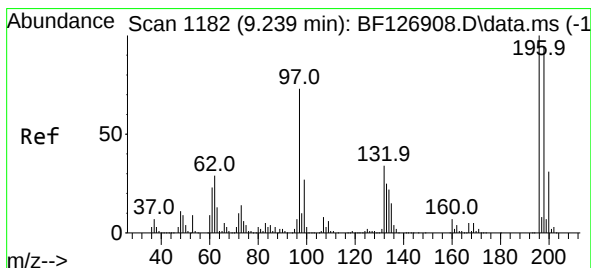
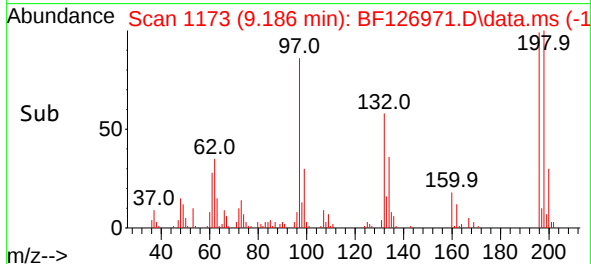
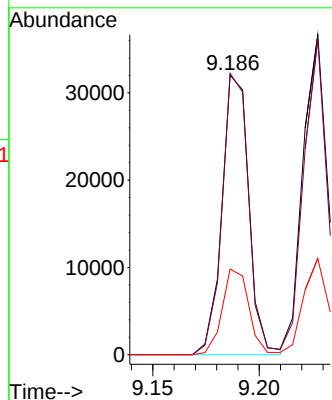
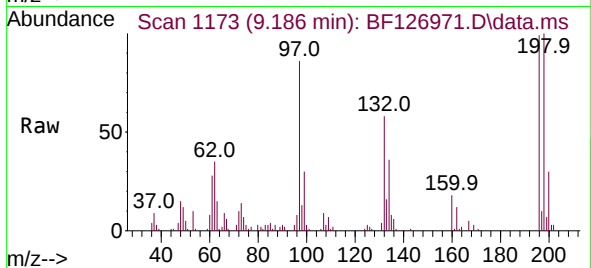
Tgt Ion:196 Resp: 28166

Ion Ratio Lower Upper

196 100

198 100.6 78.5 117.7

200 30.6 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 7.960 ng

RT: 9.227 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Tgt Ion:196 Resp: 31110

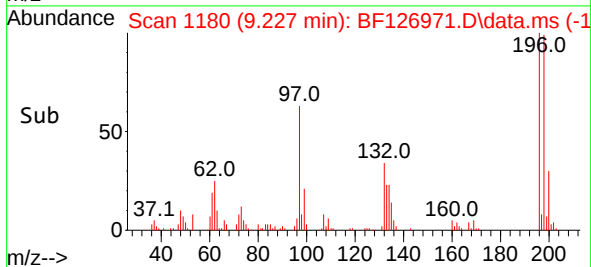
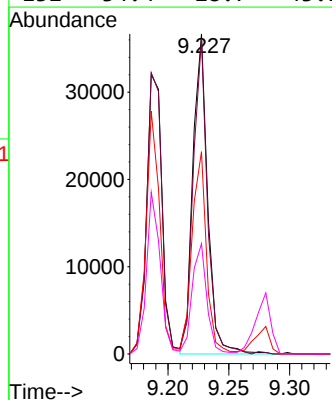
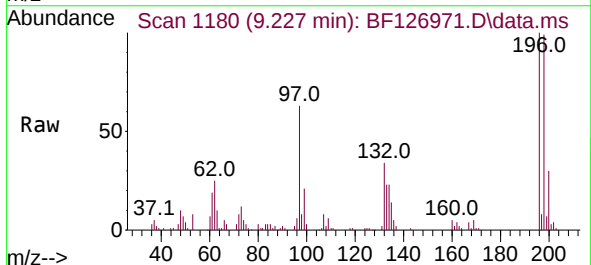
Ion Ratio Lower Upper

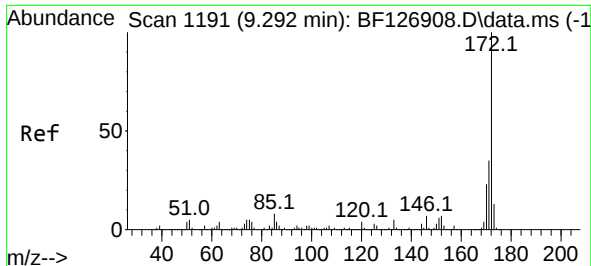
196 100

198 98.5 82.0 123.0

97 63.2 53.5 80.3

132 34.4 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 86.495 ng

RT: 9.280 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

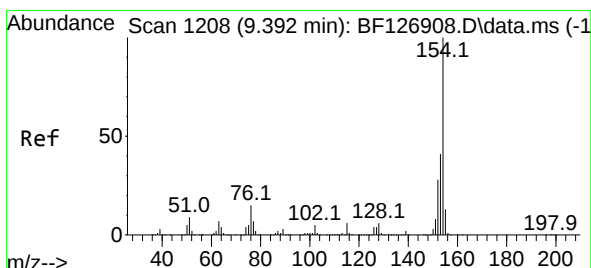
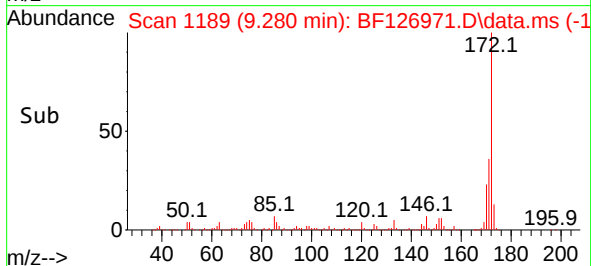
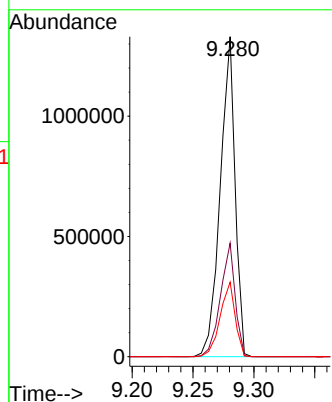
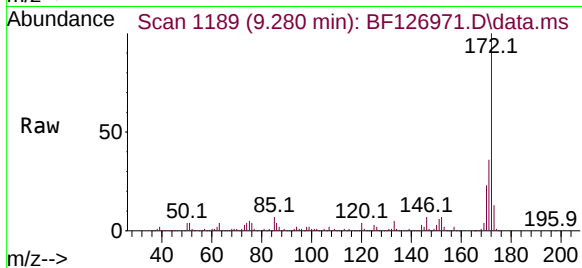
Tgt Ion:172 Resp: 1130263

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 8.595 ng

RT: 9.375 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

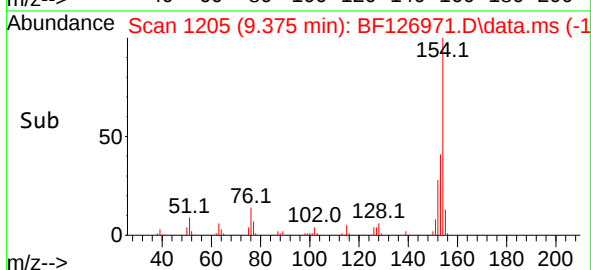
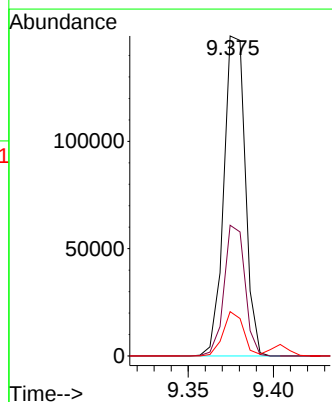
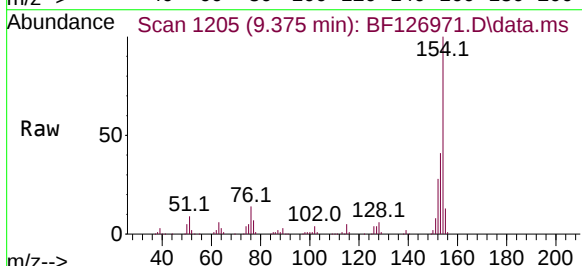
Tgt Ion:154 Resp: 130996

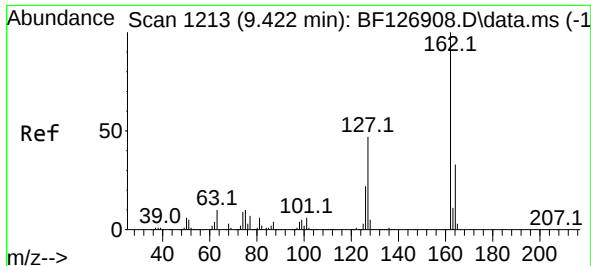
Ion Ratio Lower Upper

154 100

153 40.8 19.0 59.0

76 13.9 0.0 34.5





#47

2-Chloronaphthalene

Concen: 8.093 ng

RT: 9.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

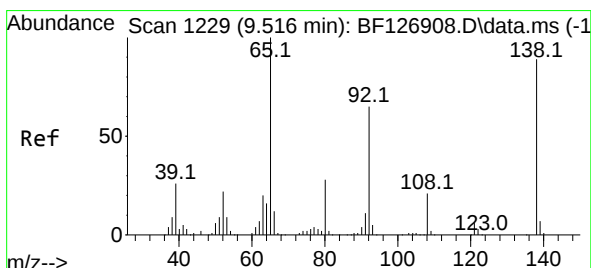
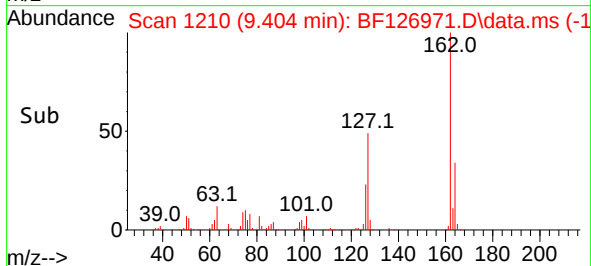
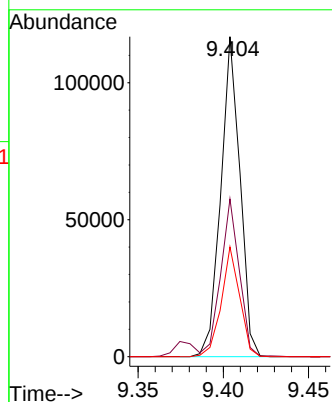
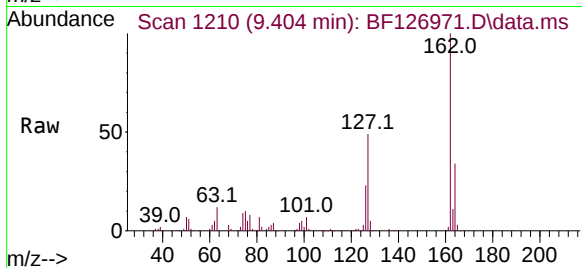
Tgt Ion:162 Resp: 91475

Ion Ratio Lower Upper

162 100

127 49.3 33.5 50.3

164 34.3 26.2 39.4



#48

2-Nitroaniline

Concen: 7.665 ng

RT: 9.498 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

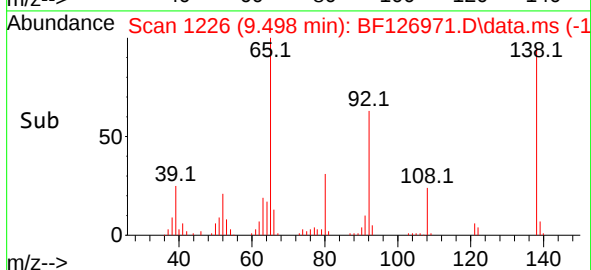
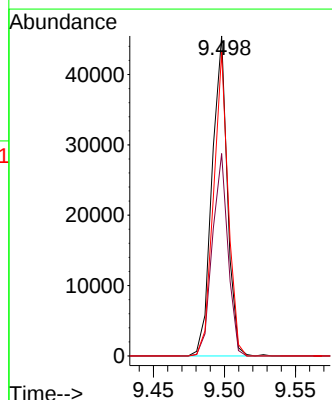
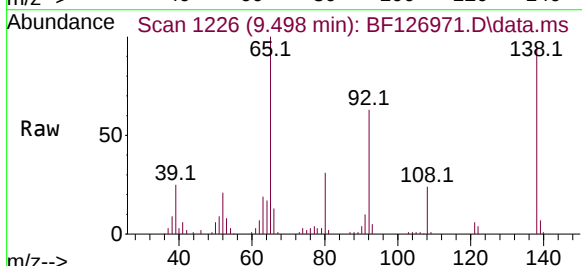
Tgt Ion: 65 Resp: 34185

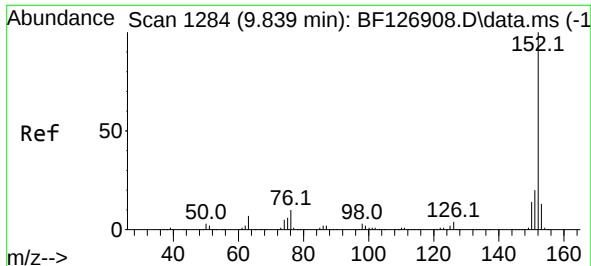
Ion Ratio Lower Upper

65 100

92 63.3 54.4 81.6

138 95.0 72.5 108.7





#49

Acenaphthylene

Concen: 8.817 ng

RT: 9.822 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

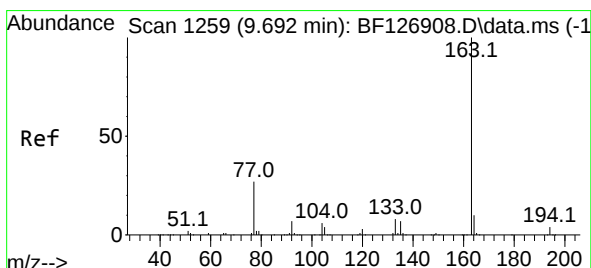
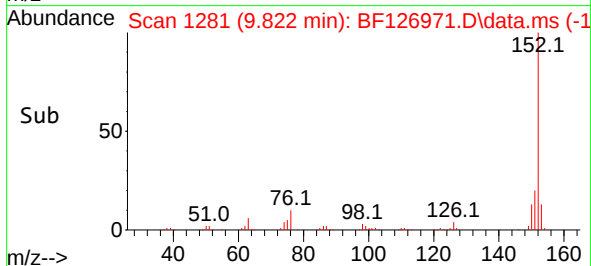
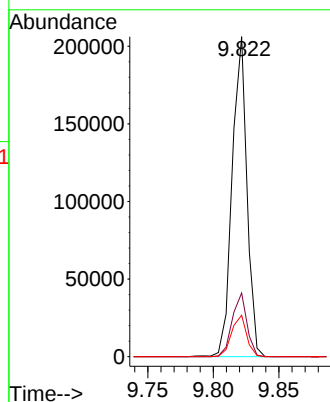
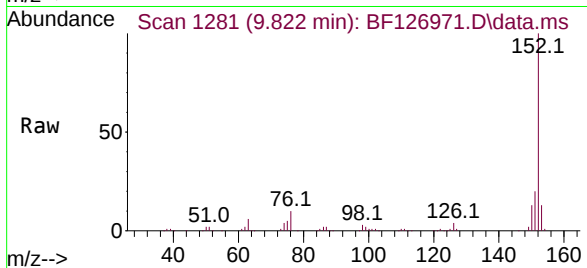
Tgt Ion:152 Resp: 161875

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

153 13.0 11.4 17.0



#50

Dimethylphthalate

Concen: 8.064 ng

RT: 9.669 min Scan# 1255

Delta R.T. -0.012 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

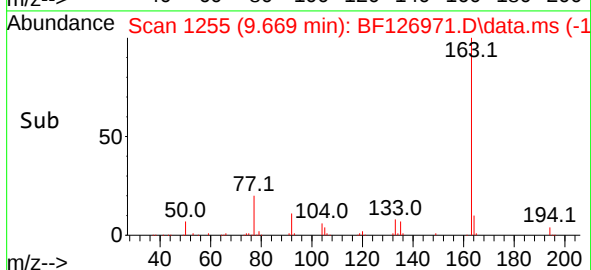
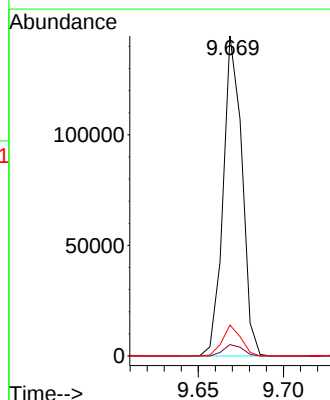
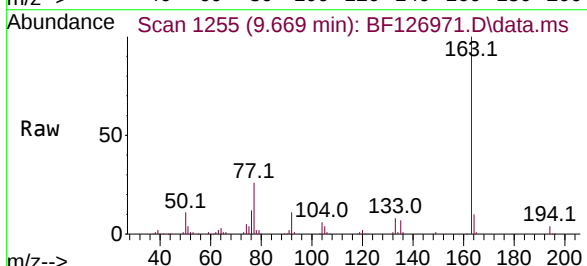
Tgt Ion:163 Resp: 110884

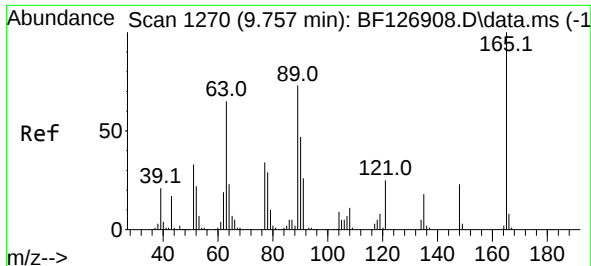
Ion Ratio Lower Upper

163 100

194 3.6 2.6 3.8

164 9.6 7.8 11.8

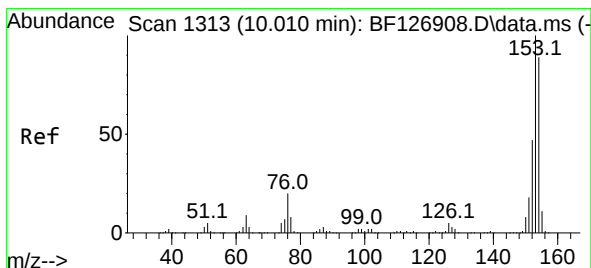
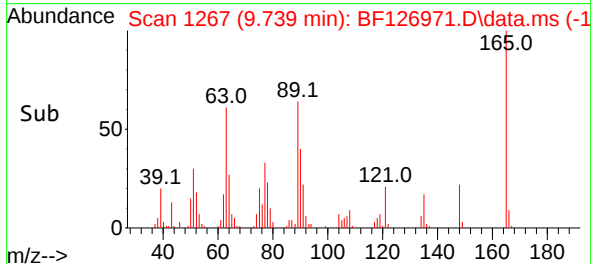
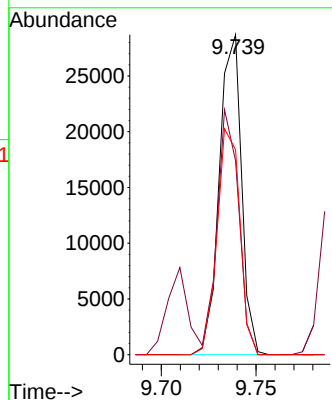
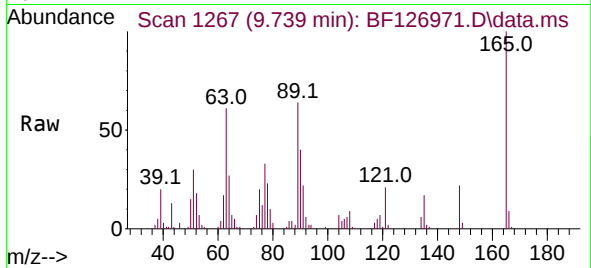




#51
2,6-Dinitrotoluene
Concen: 8.332 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

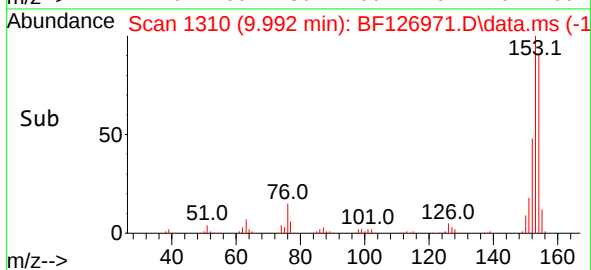
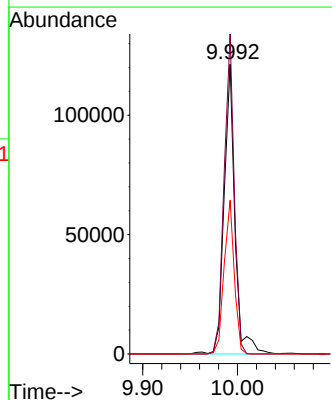
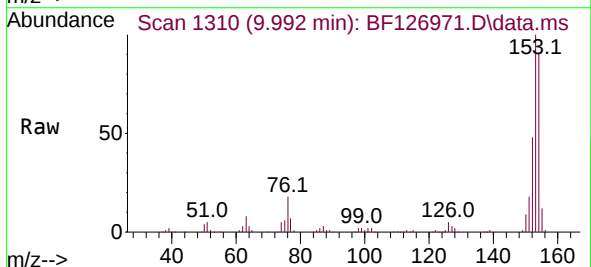
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

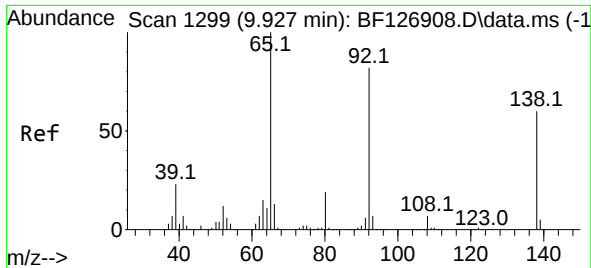
Tgt Ion:165 Resp: 23309
Ion Ratio Lower Upper
165 100
63 60.6 48.4 72.6
89 64.0 50.5 75.7



#52
Acenaphthene
Concen: 8.073 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:154 Resp: 96388
Ion Ratio Lower Upper
154 100
153 110.5 87.8 131.6
152 53.1 39.4 59.2

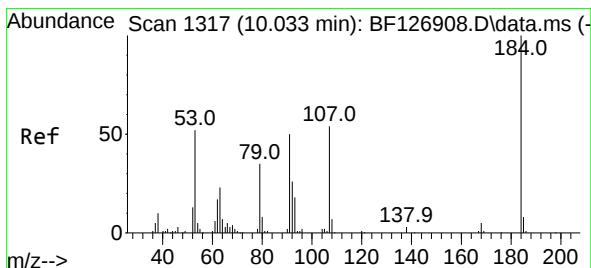
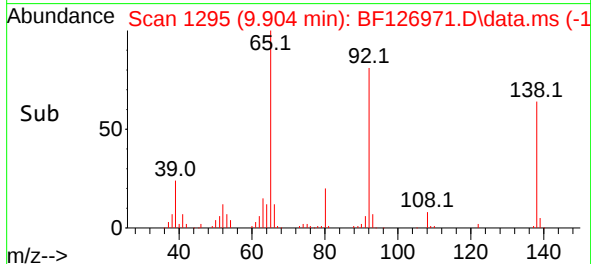
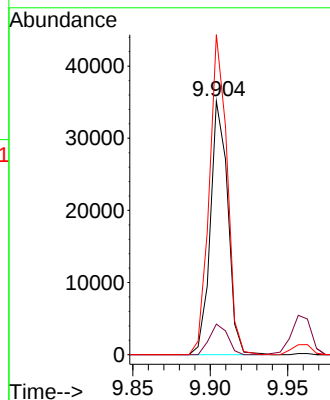
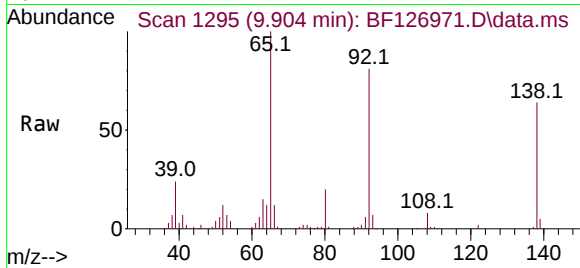




#53
3-Nitroaniline
Concen: 8.041 ng
RT: 9.904 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

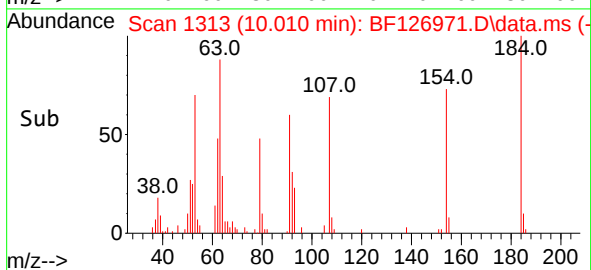
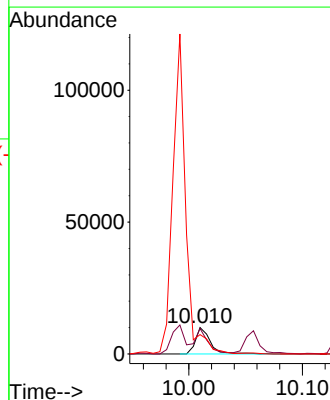
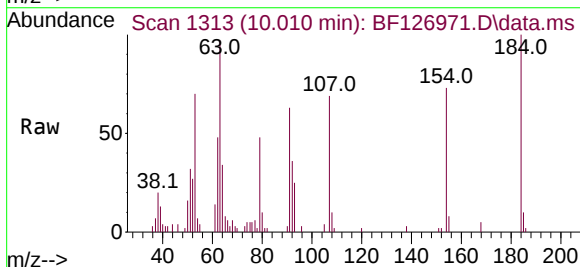
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

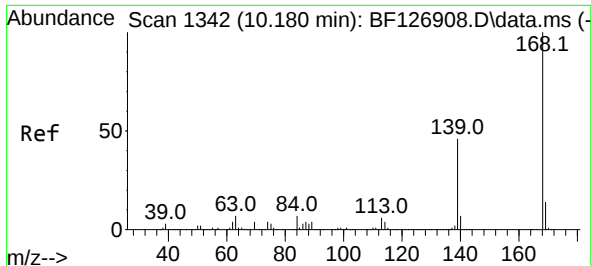
Tgt Ion:138 Resp: 27498
Ion Ratio Lower Upper
138 100
108 12.1 8.6 13.0
92 126.2 105.0 157.6



#54
2,4-Dinitrophenol
Concen: 6.100 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:184 Resp: 9033
Ion Ratio Lower Upper
184 100
63 96.5 70.4 105.6
154 73.3 49.7 74.5

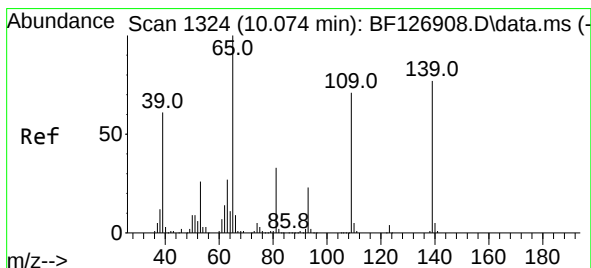
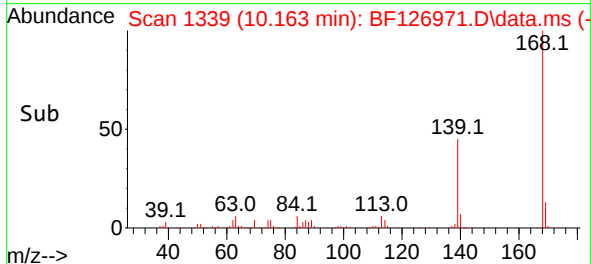
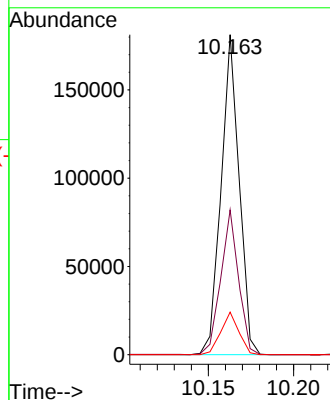
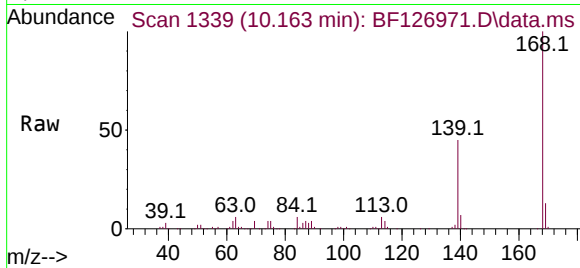




#55
Dibenzenofuran
Concen: 8.134 ng
RT: 10.163 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

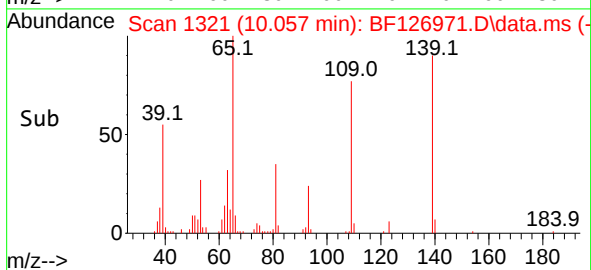
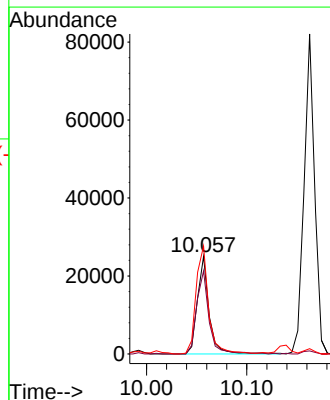
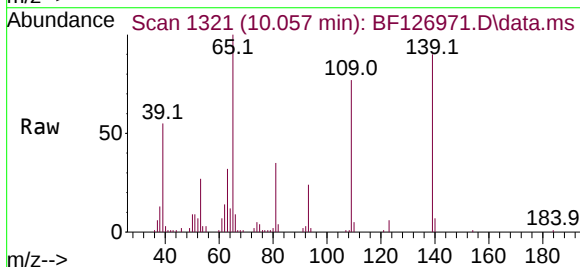
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

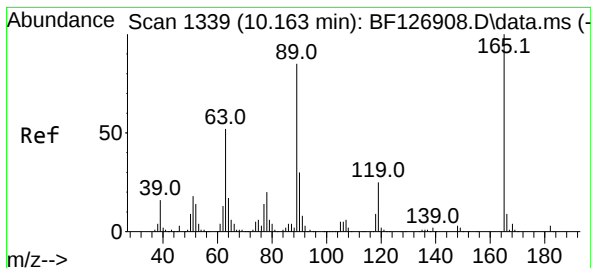
Tgt Ion:168 Resp: 133549
Ion Ratio Lower Upper
168 100
139 45.3 30.6 46.0
169 13.3 10.0 15.0



#56
4-Nitrophenol
Concen: 8.004 ng
RT: 10.057 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:139 Resp: 20217
Ion Ratio Lower Upper
139 100
109 85.1 44.1 84.1#
65 110.7 85.5 125.5

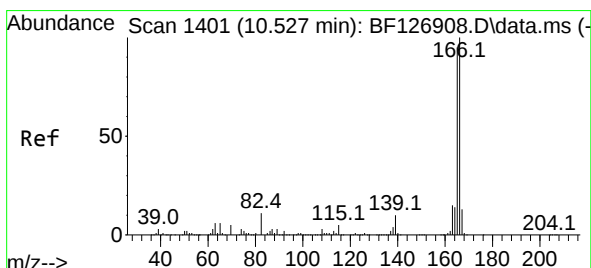
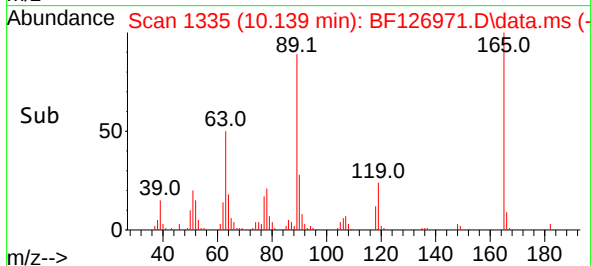
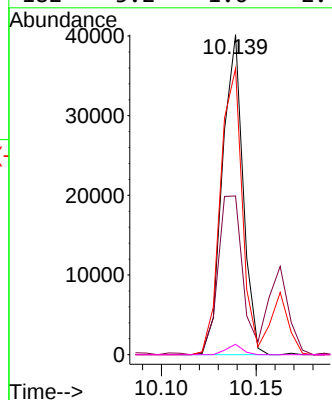
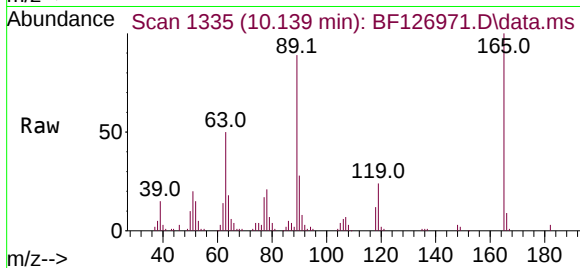




#57
2,4-Dinitrotoluene
Concen: 8.038 ng
RT: 10.139 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

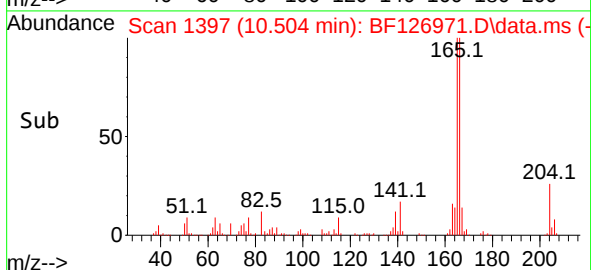
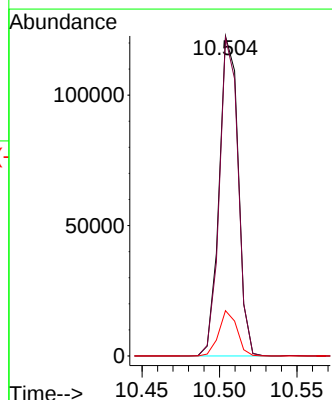
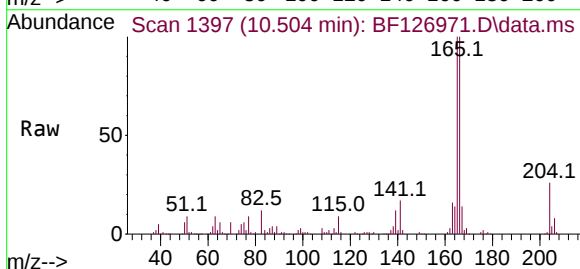
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

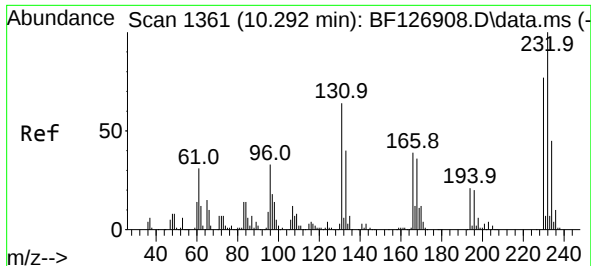
Tgt Ion:165 Resp: 30404
Ion Ratio Lower Upper
165 100
63 49.6 43.0 64.6
89 89.5 71.0 106.4
182 3.2 1.6 2.4#



#58
Fluorene
Concen: 8.176 ng
RT: 10.504 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:166 Resp: 104566
Ion Ratio Lower Upper
166 100
165 99.6 77.7 116.5
167 14.1 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.340 ng

RT: 10.280 min Scan# 1359

Delta R.T. -0.000 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion:232 Resp: 22742

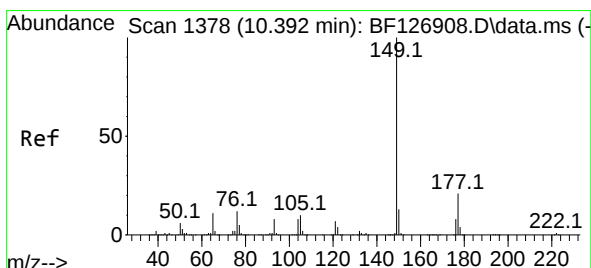
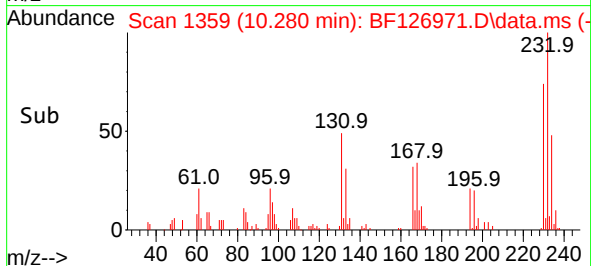
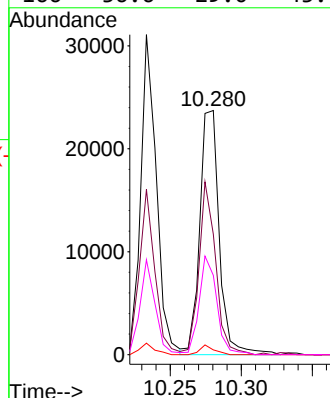
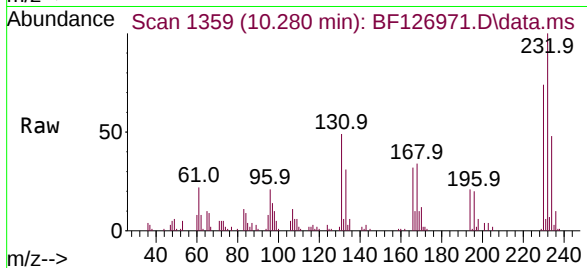
Ion Ratio Lower Upper

232 100

131 60.3 50.0 75.0

130 2.9 2.2 3.2

166 36.6 29.0 43.4



#60

Diethylphthalate

Concen: 8.246 ng

RT: 10.374 min Scan# 1375

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

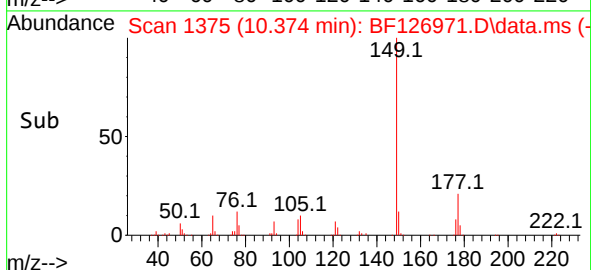
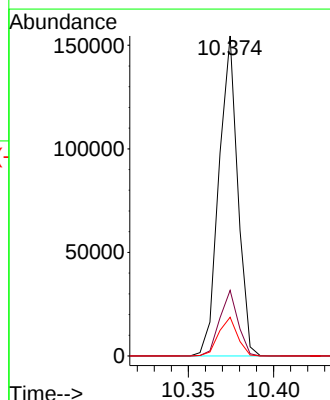
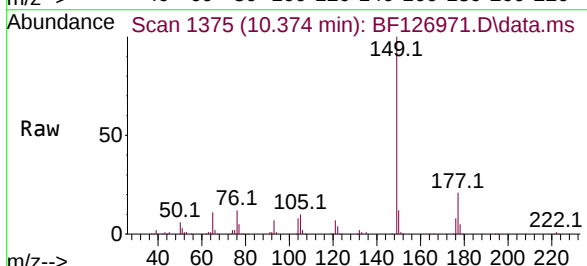
Tgt Ion:149 Resp: 118477

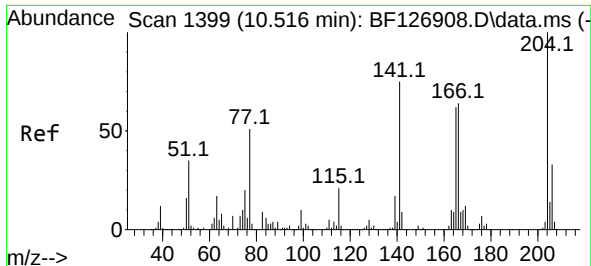
Ion Ratio Lower Upper

149 100

177 20.5 16.7 25.1

150 12.1 9.8 14.8

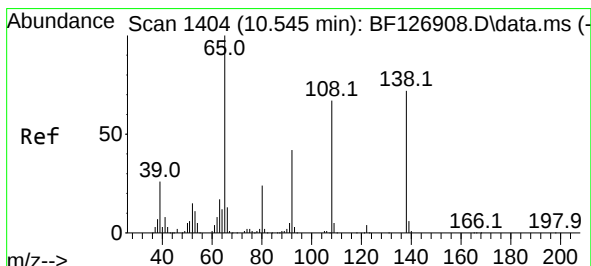
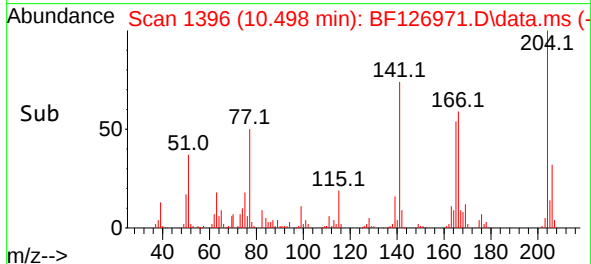
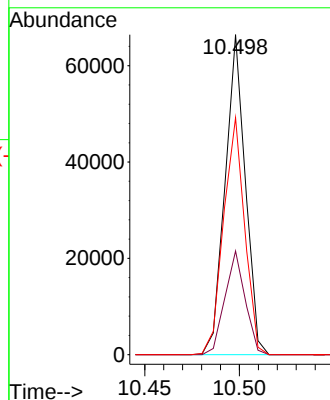
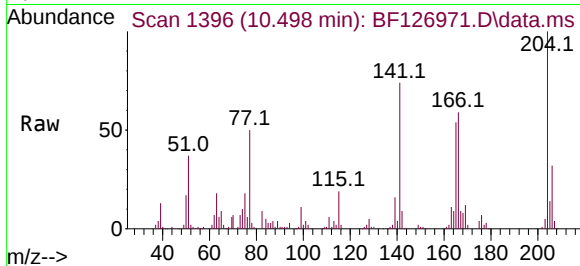




#61
4-Chlorophenyl-phenylether
Concen: 8.194 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

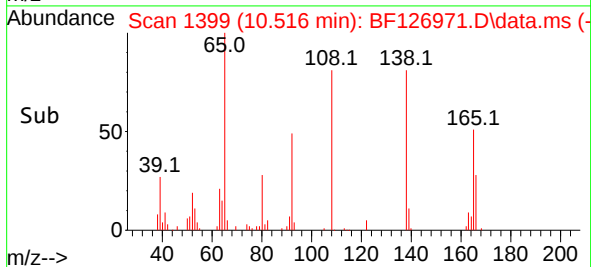
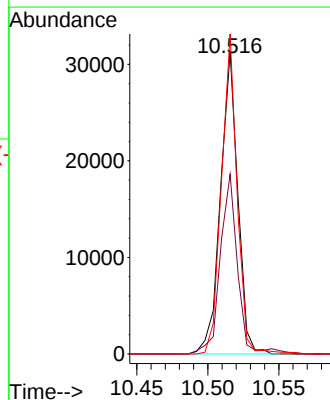
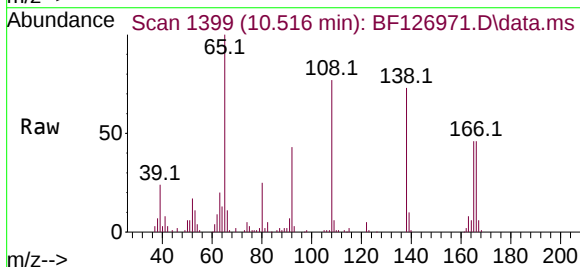
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

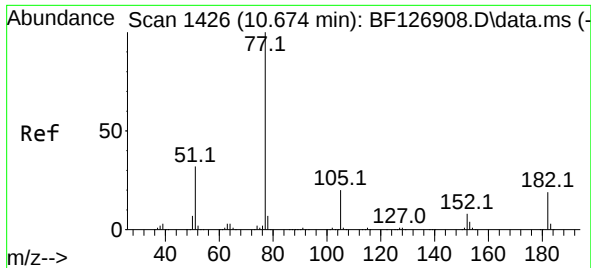
Tgt Ion:204 Resp: 49415
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 74.0 59.0 88.6



#62
4-Nitroaniline
Concen: 7.843 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.018 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:138 Resp: 26485
Ion Ratio Lower Upper
138 100
92 59.6 36.2 76.2
108 106.1 46.7 86.7#

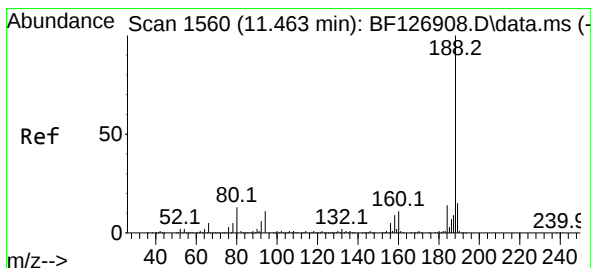
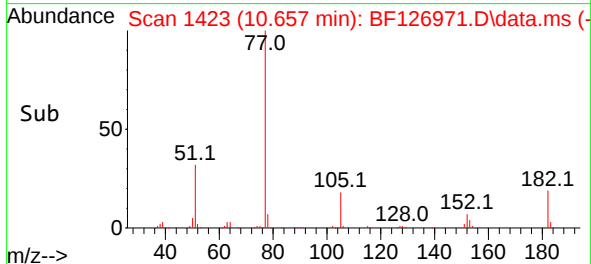
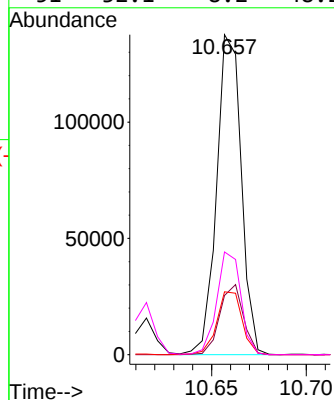
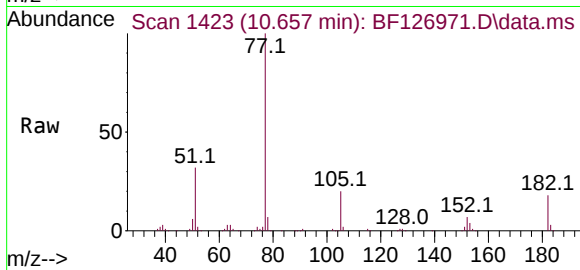




#63
Azobenzene
Concen: 7.809 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

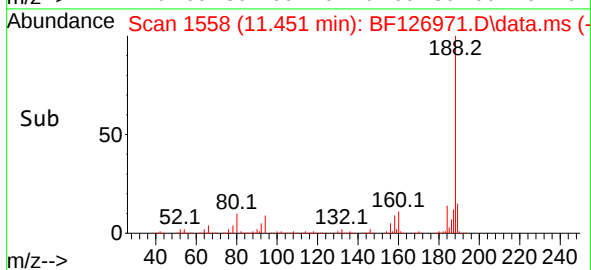
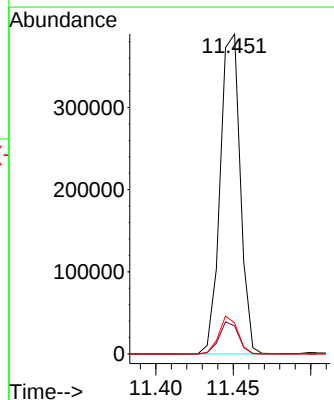
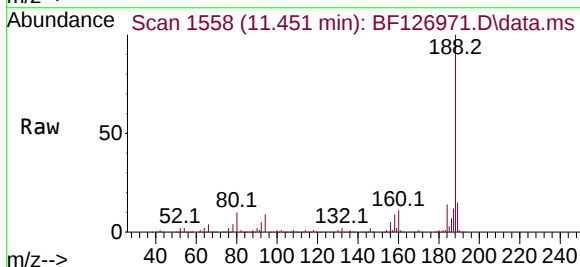
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

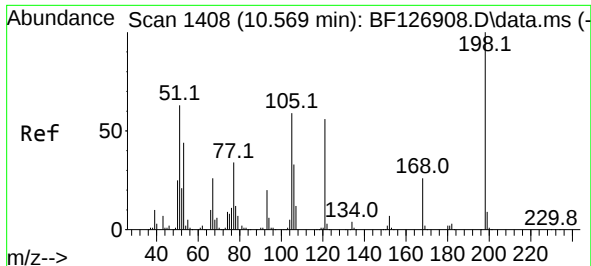
Tgt Ion:	77	Resp:	124942
Ion	Ratio	Lower	Upper
77	100		
182	18.5	0.0	39.0
105	19.7	3.2	43.2
51	32.1	8.2	48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:	188	Resp:	352487
Ion	Ratio	Lower	Upper
188	100		
94	8.7	10.1	15.1#
80	9.7	11.8	17.6#





#65

4,6-Dinitro-2-methylphenol

Concen: 6.380 ng

RT: 10.545 min Scan# 1404

Delta R.T. -0.012 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

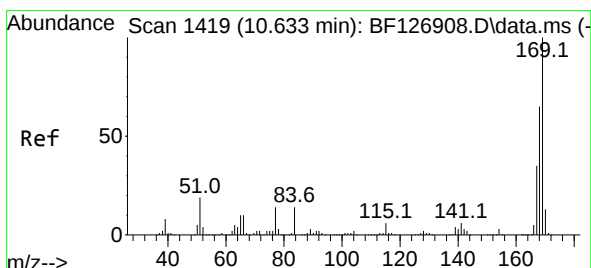
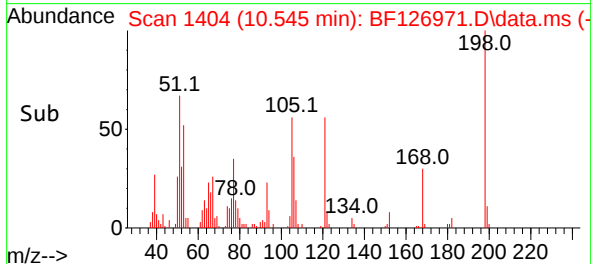
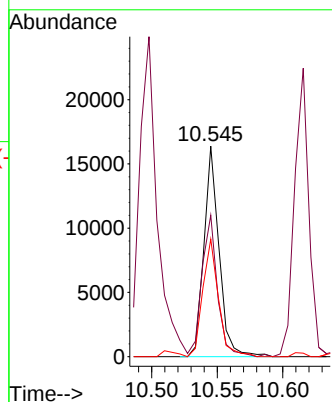
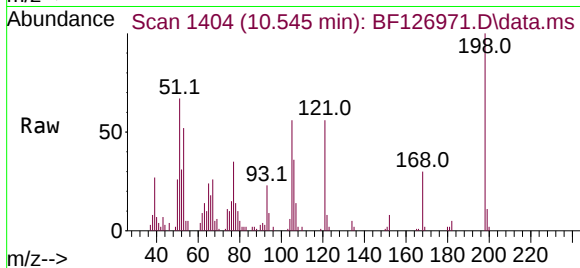
Tgt Ion:198 Resp: 13214

Ion Ratio Lower Upper

198 100

51 67.2 32.0 72.0

105 55.9 32.7 72.7



#66

n-Nitrosodiphenylamine

Concen: 7.947 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

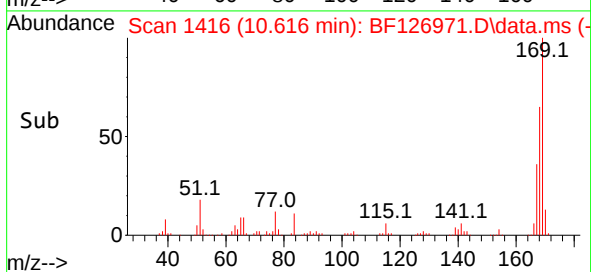
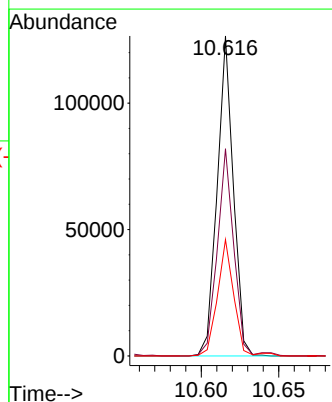
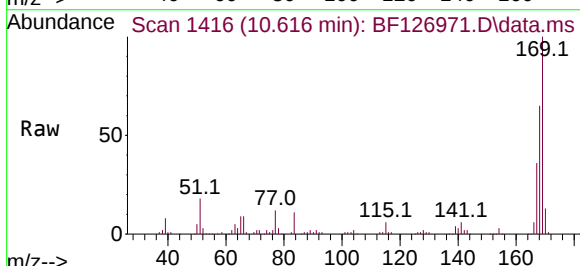
Tgt Ion:169 Resp: 91855

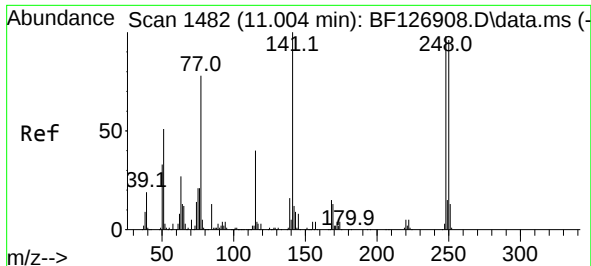
Ion Ratio Lower Upper

169 100

168 64.8 53.4 80.0

167 36.3 29.4 44.0

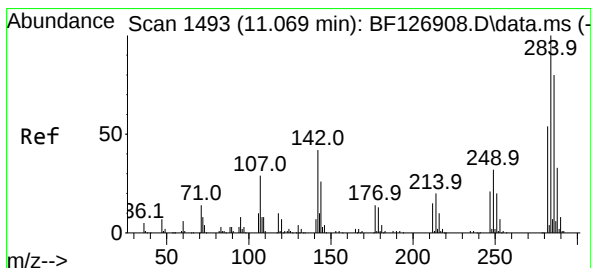
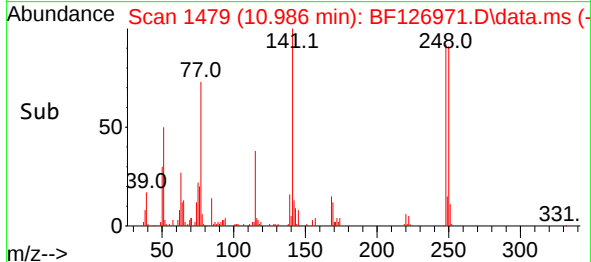
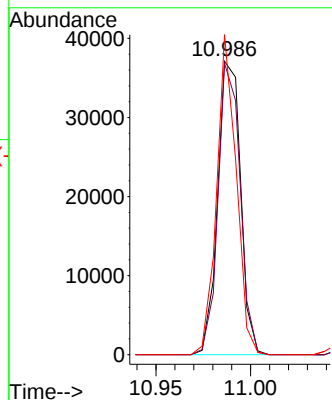
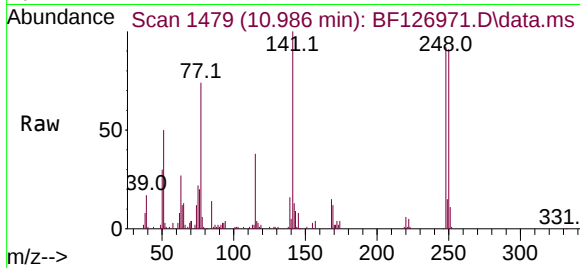




#67
4-Bromophenyl-phenylether
Concen: 7.947 ng
RT: 10.986 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

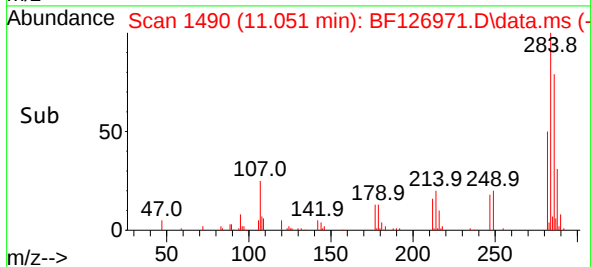
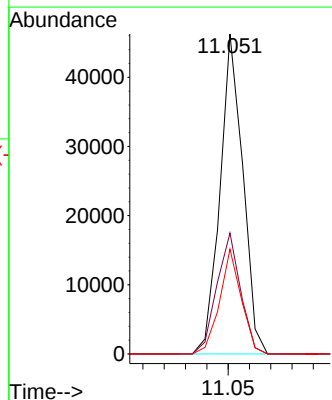
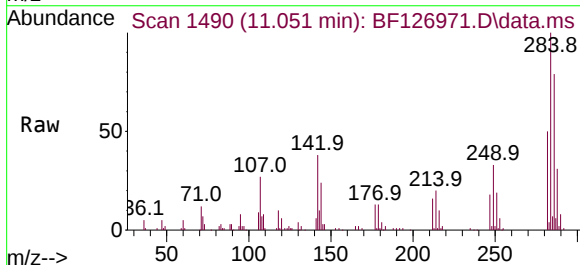
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

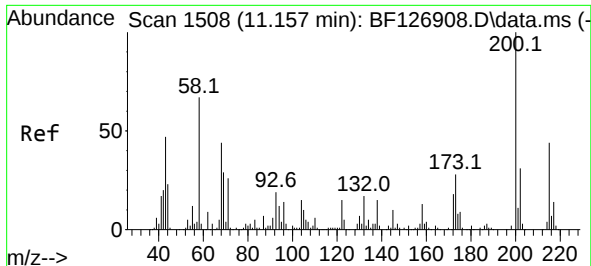
Tgt Ion:248 Resp: 31298
Ion Ratio Lower Upper
248 100
250 99.4 76.2 114.4
141 109.1 66.2 99.4#



#68
Hexachlorobenzene
Concen: 8.102 ng
RT: 11.051 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:284 Resp: 34352
Ion Ratio Lower Upper
284 100
142 37.8 30.7 46.1
249 32.7 21.1 31.7#

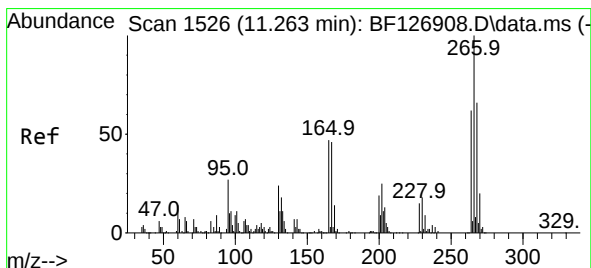
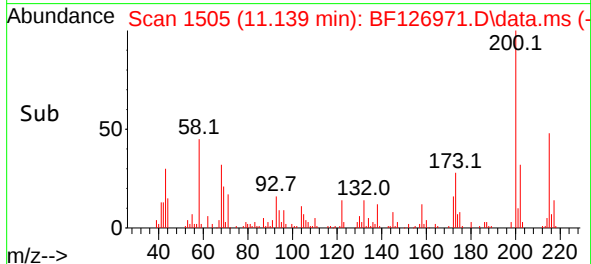
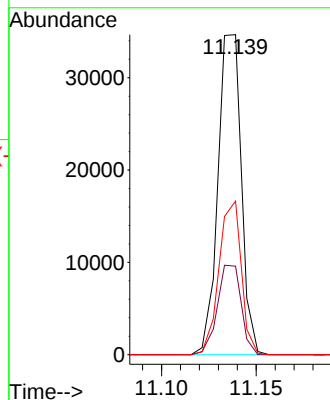
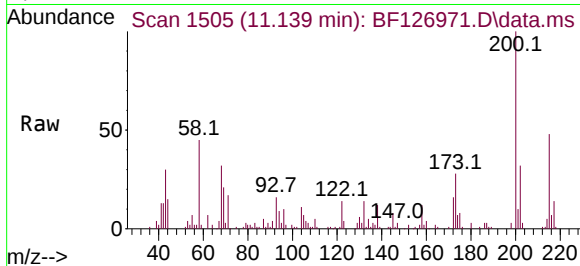




#69
Atrazine
Concen: 8.336 ng
RT: 11.139 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

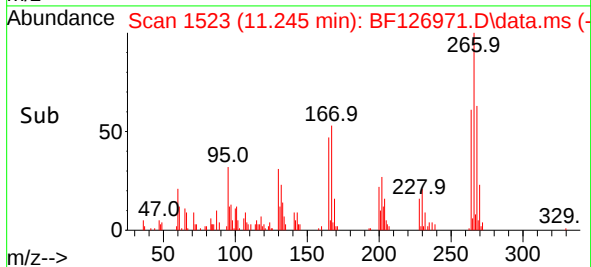
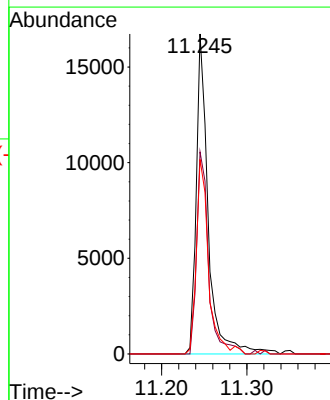
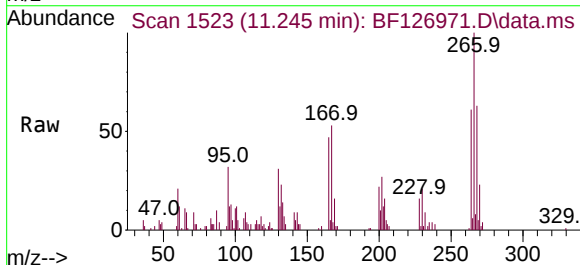
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

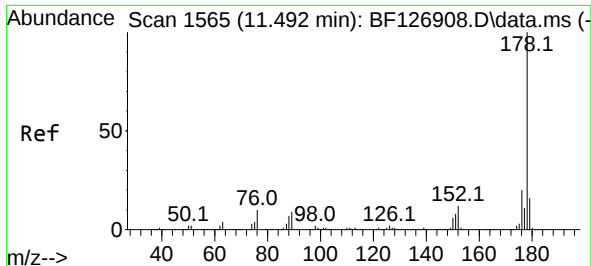
Tgt Ion:200 Resp: 29884
Ion Ratio Lower Upper
200 100
173 27.7 9.2 49.2
215 48.0 23.2 63.2



#70
Pentachlorophenol
Concen: 7.040 ng
RT: 11.245 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

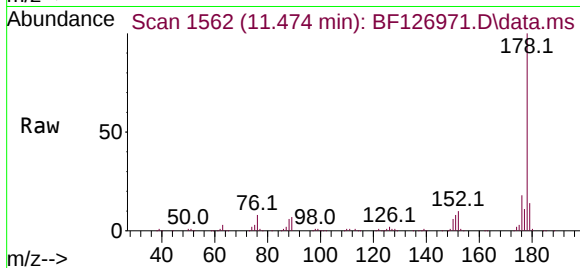
Tgt Ion:266 Resp: 16293
Ion Ratio Lower Upper
266 100
268 63.1 52.3 78.5
264 60.8 50.4 75.6



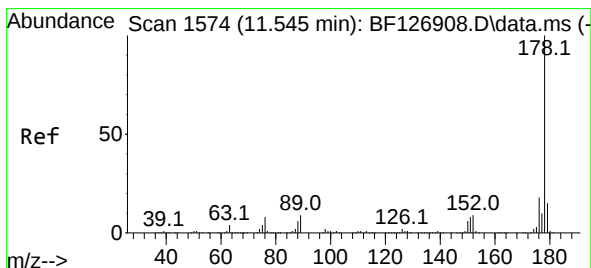
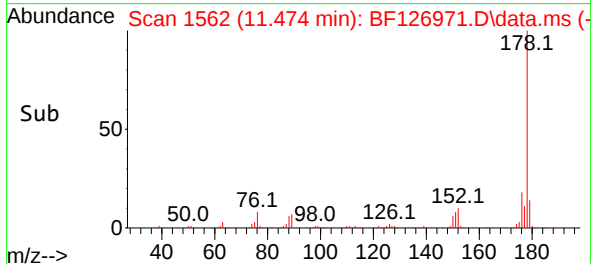
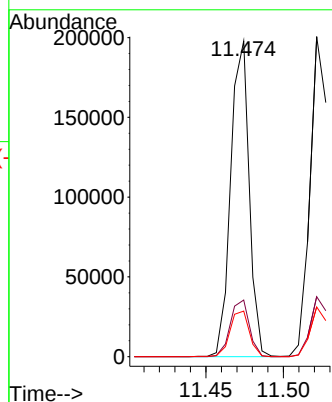


#71
Phenanthrene
Concen: 8.314 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

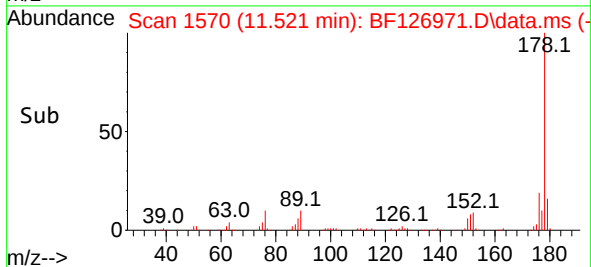
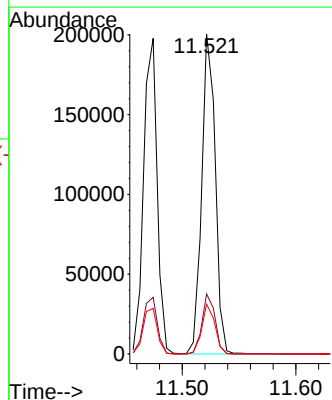
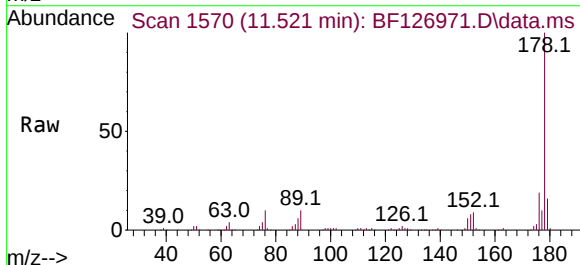


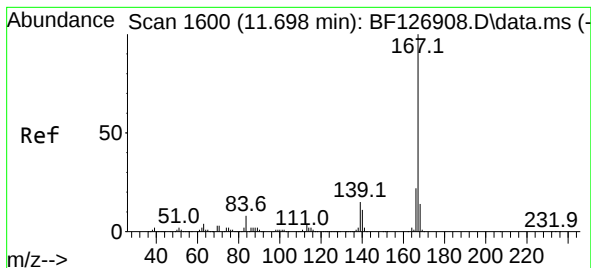
Tgt Ion:178 Resp: 164026
Ion Ratio Lower Upper
178 100
176 17.9 15.7 23.5
179 14.4 12.3 18.5



#72
Anthracene
Concen: 8.498 ng
RT: 11.521 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:178 Resp: 166902
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.5 18.7





#73

Carbazole

Concen: 7.909 ng

RT: 11.674 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

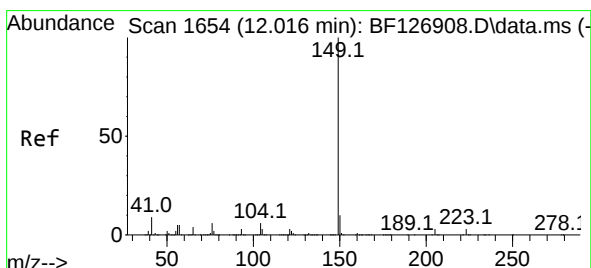
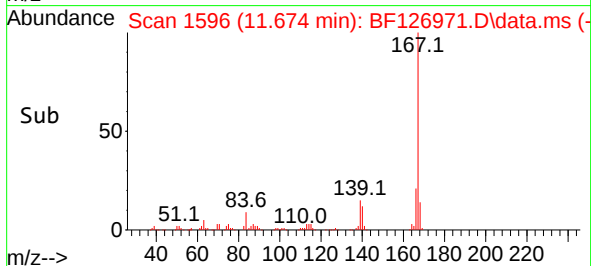
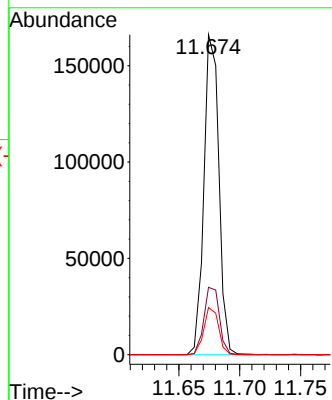
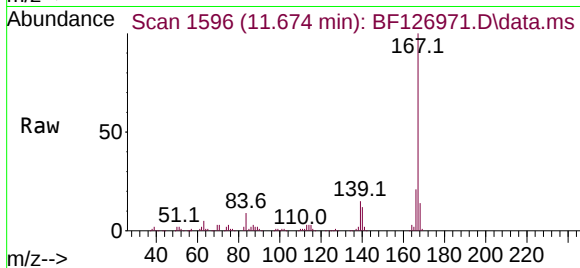
Tgt Ion:167 Resp: 142452

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

139 14.7 11.3 16.9



#74

Di-n-butylphthalate

Concen: 7.895 ng

RT: 12.004 min Scan# 1652

Delta R.T. -0.000 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

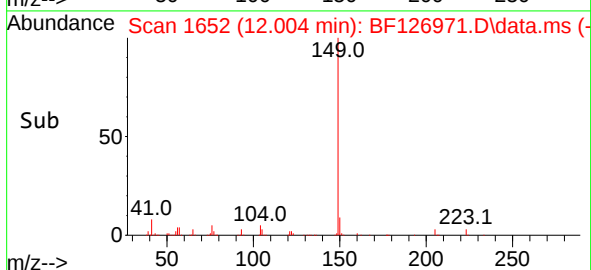
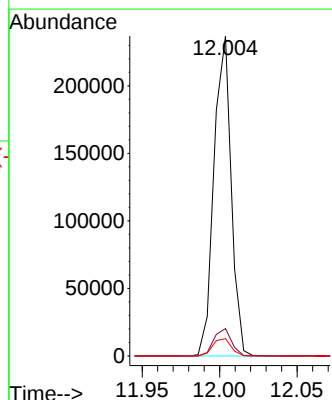
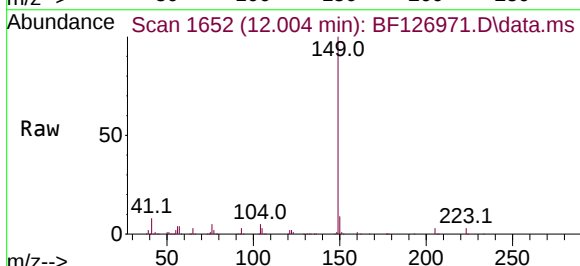
Tgt Ion:149 Resp: 182812

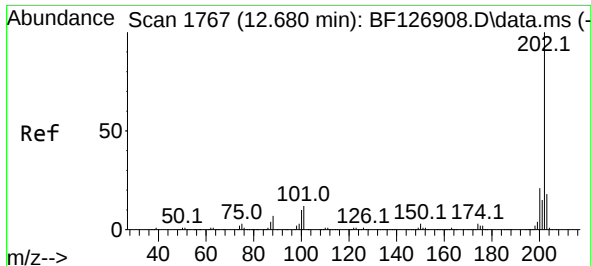
Ion Ratio Lower Upper

149 100

150 8.5 7.2 10.8

104 5.4 4.2 6.2

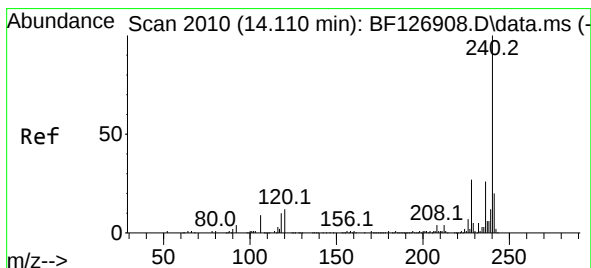
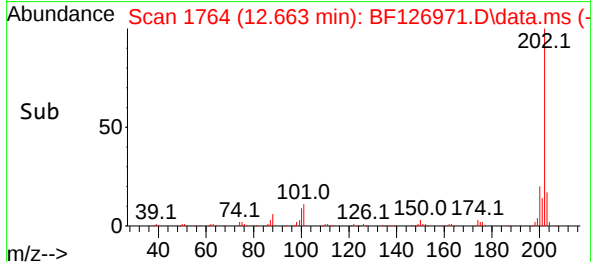
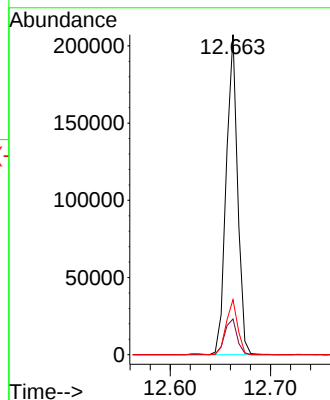
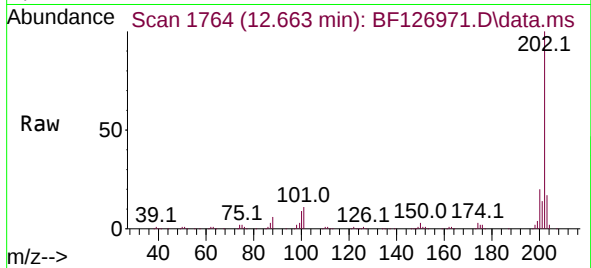




#75
Fluoranthene
Concen: 8.710 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

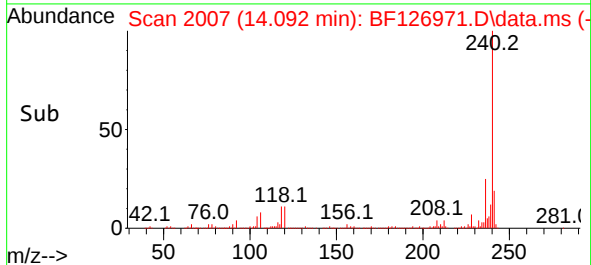
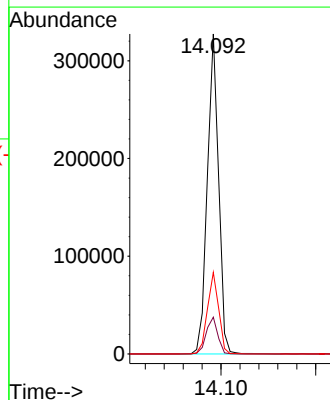
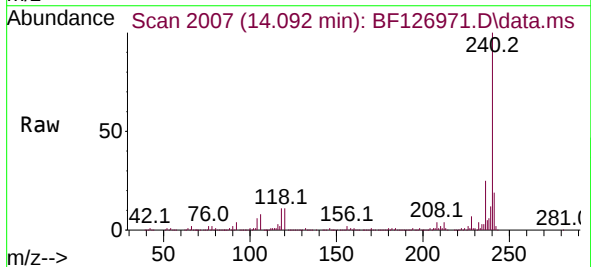
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

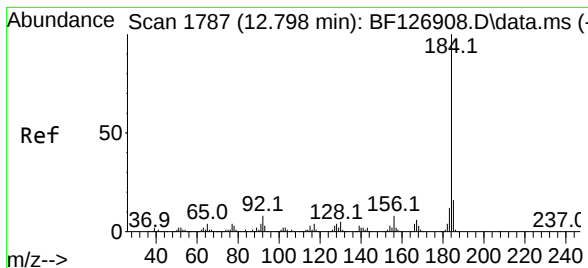
Tgt Ion:202 Resp: 163156
Ion Ratio Lower Upper
202 100
101 11.1 0.0 35.7
203 17.2 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:240 Resp: 270037
Ion Ratio Lower Upper
240 100
120 11.5 14.4 21.6#
236 25.5 20.5 30.7





#77

Benzidine

Concen: 11.731 ng

RT: 12.786 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

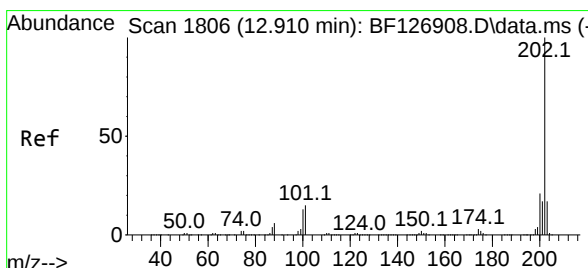
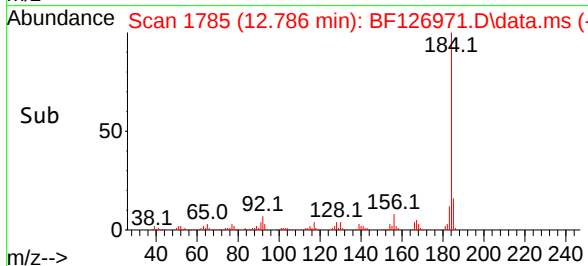
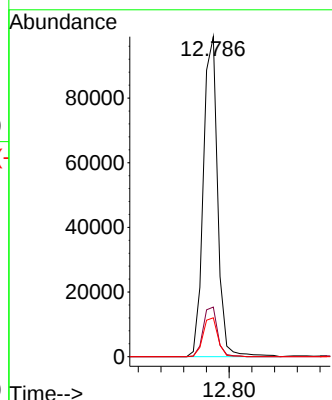
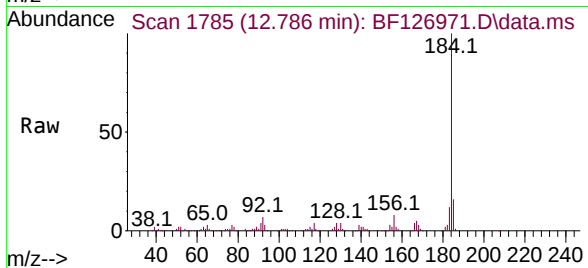
Tgt Ion:184 Resp: 86088

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.8

183 12.1 8.2 12.2



#78

Pyrene

Concen: 7.049 ng

RT: 12.892 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

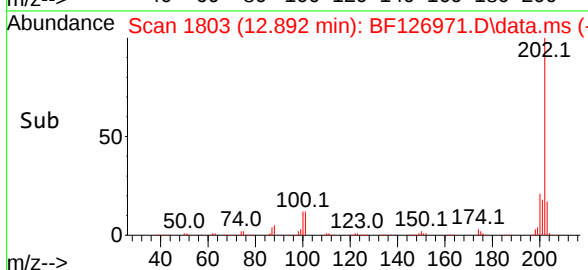
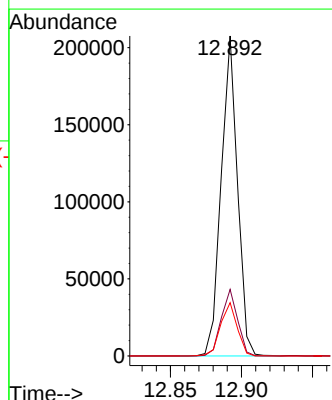
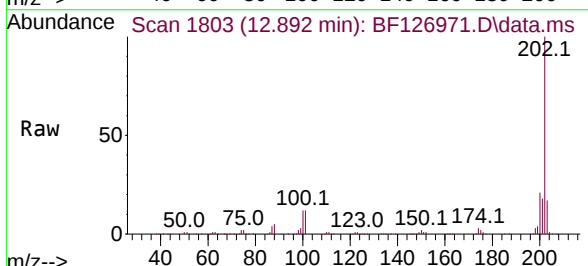
Tgt Ion:202 Resp: 165369

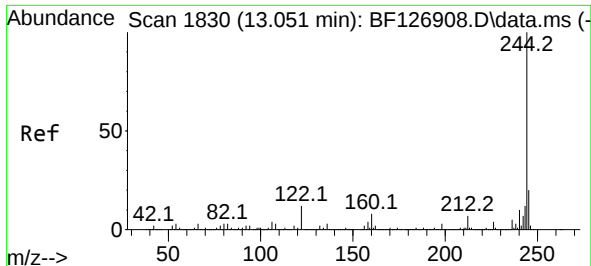
Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

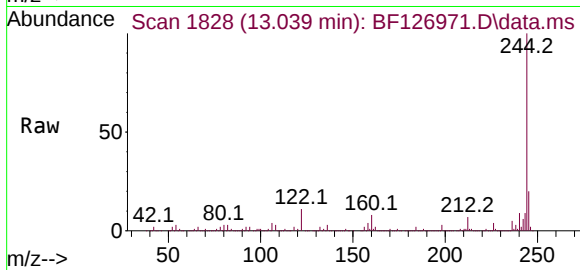
203 16.6 13.8 20.8



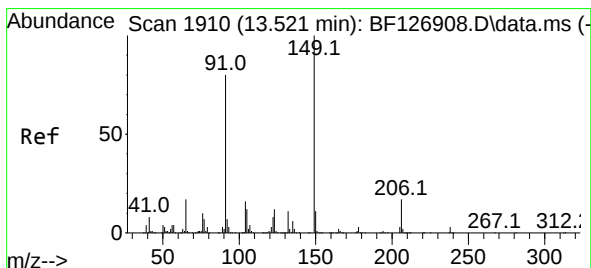
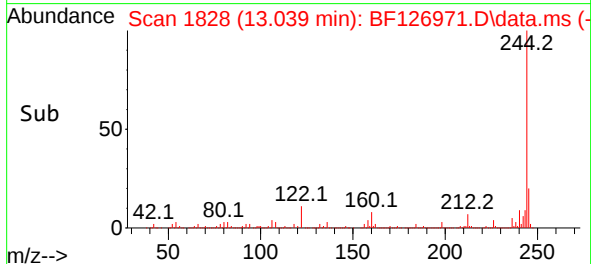
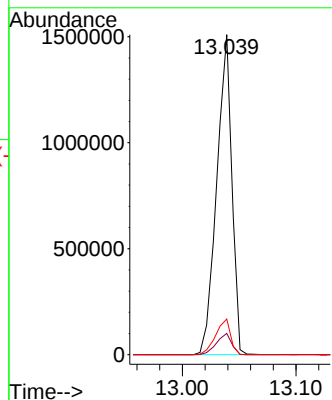


#79
 Terphenyl-d14
 Concen: 76.099 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126971.D
 Acq: 21 Feb 2022 14:02

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2021

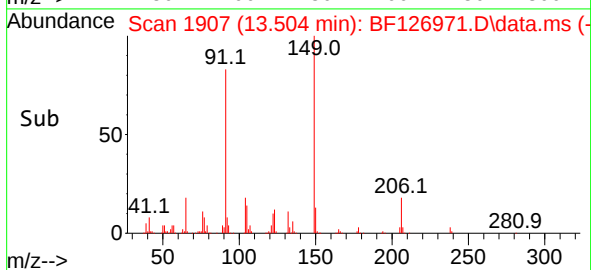
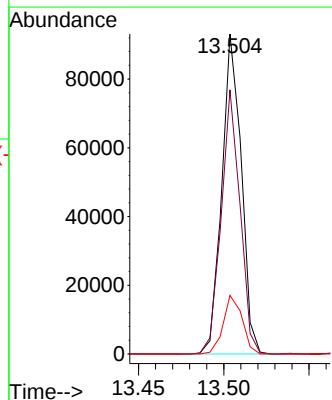
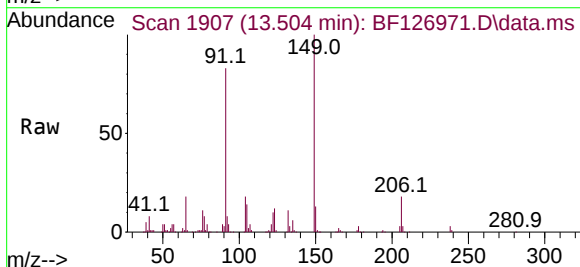


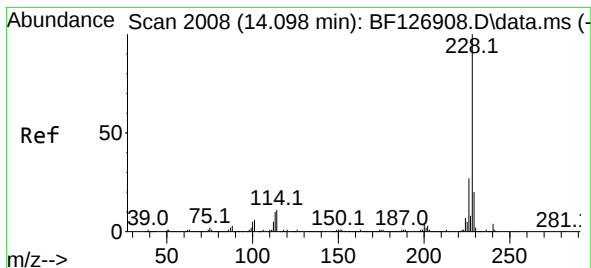
Tgt Ion:244 Resp: 1397898
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 11.2 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 6.640 ng
 RT: 13.504 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: BF126971.D
 Acq: 21 Feb 2022 14:02

Tgt Ion:149 Resp: 73743
 Ion Ratio Lower Upper
 149 100
 91 82.6 70.5 105.7
 206 18.3 12.6 19.0





#81

Benzo(a)anthracene

Concen: 7.957 ng

RT: 14.080 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

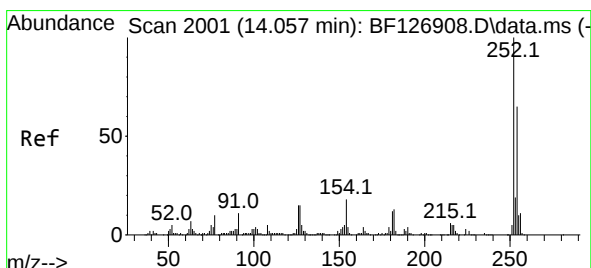
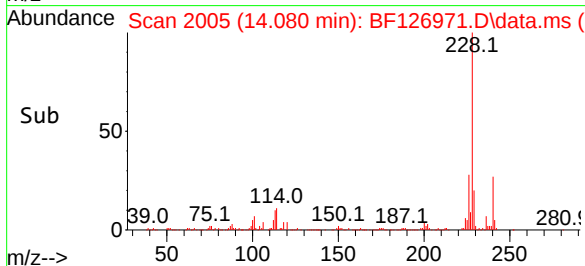
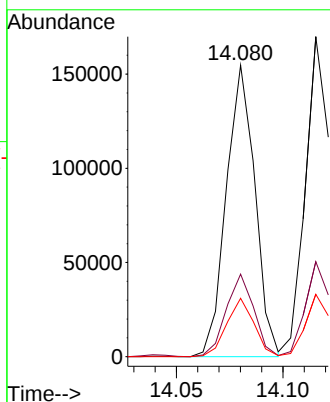
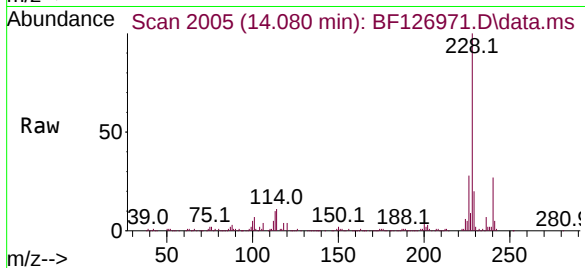
Tgt Ion:228 Resp: 144852

Ion Ratio Lower Upper

228 100

226 28.3 21.4 32.0

229 20.1 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 9.180 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

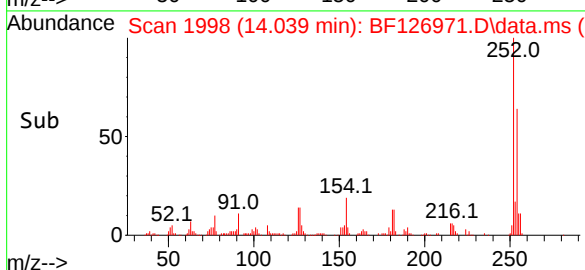
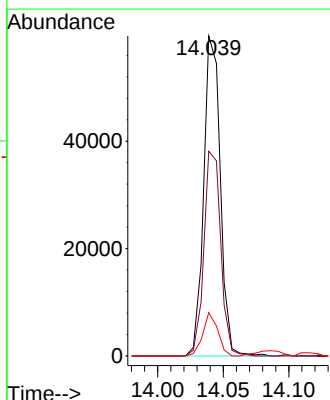
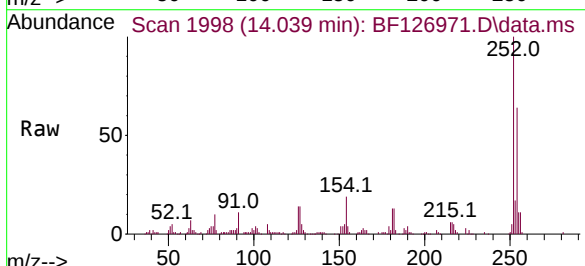
Tgt Ion:252 Resp: 52670

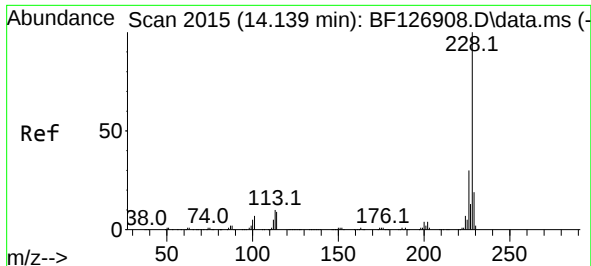
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.4

126 13.5 13.4 20.0





#83

Chrysene

Concen: 8.122 ng

RT: 14.115 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

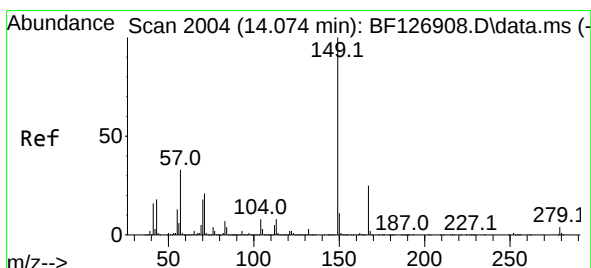
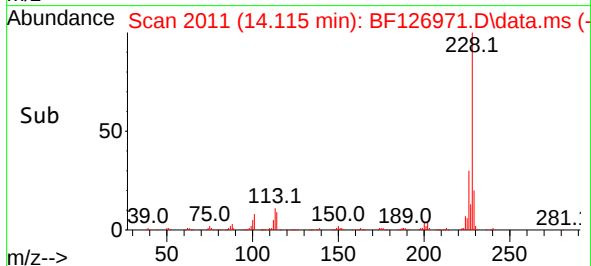
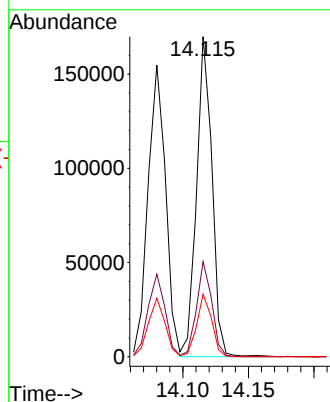
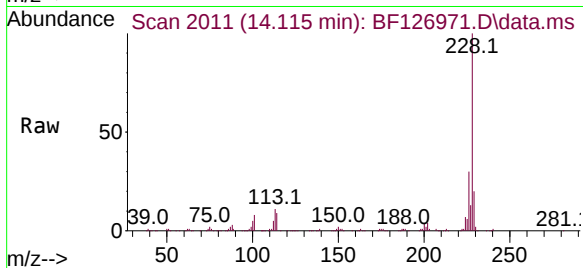
Tgt Ion:228 Resp: 139038

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.299 ng

RT: 14.057 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

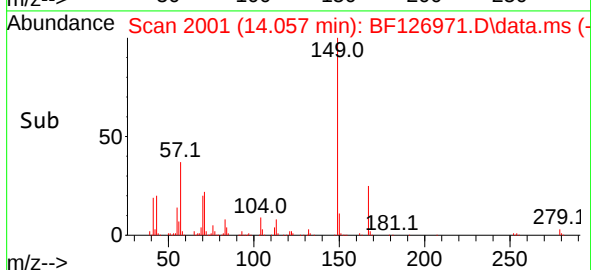
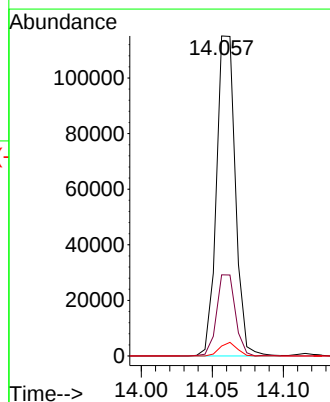
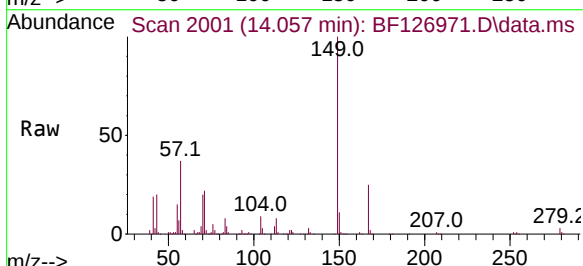
Tgt Ion:149 Resp: 106430

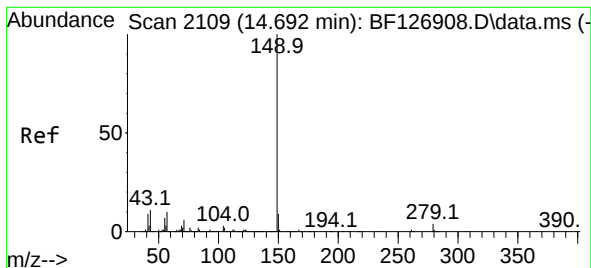
Ion Ratio Lower Upper

149 100

167 25.4 21.4 32.2

279 3.1 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 7.856 ng

RT: 14.674 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

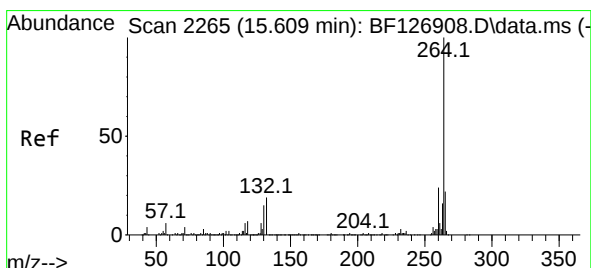
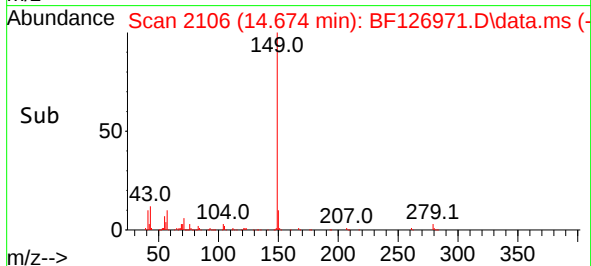
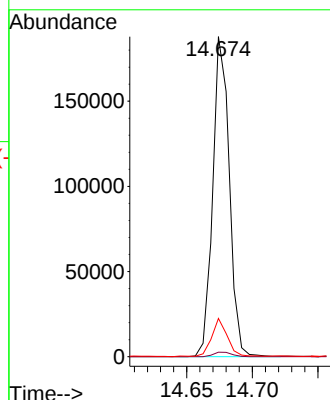
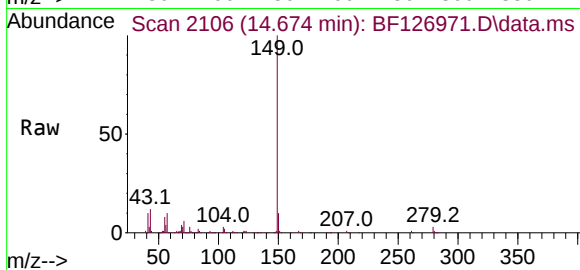
Tgt Ion:149 Resp: 164924

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.6 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

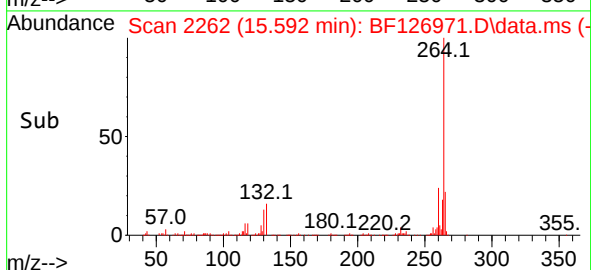
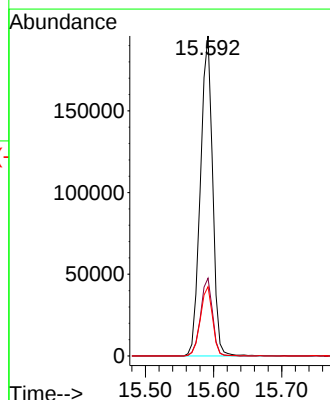
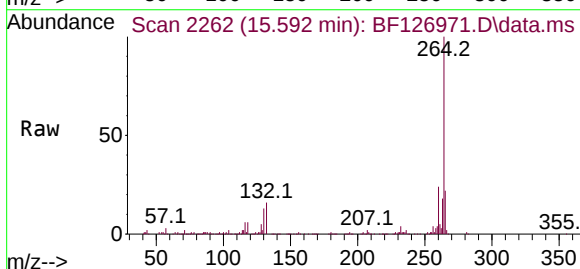
Tgt Ion:264 Resp: 243288

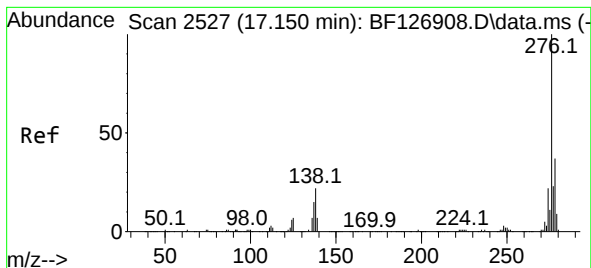
Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.653 ng

RT: 17.109 min Scan# 2186

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

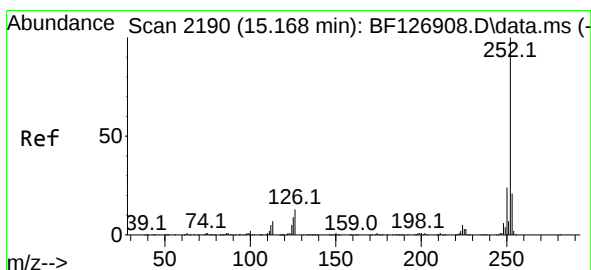
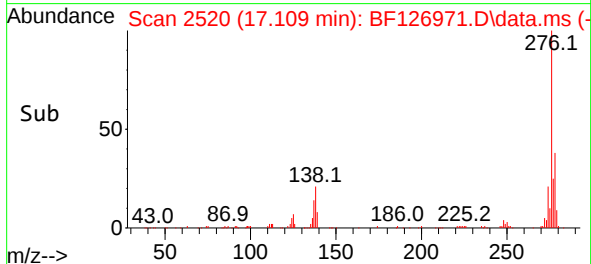
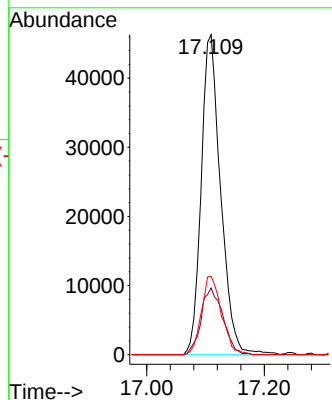
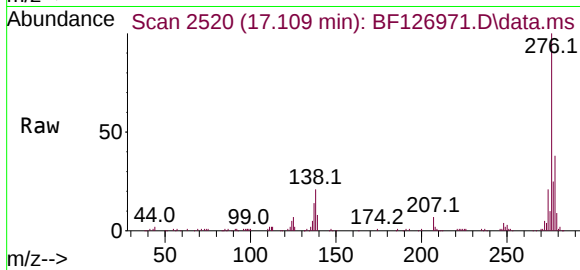
Tgt Ion:276 Resp: 106139

Ion Ratio Lower Upper

276 100

138 23.3 29.2 43.8#

277 25.5 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 7.989 ng

RT: 15.145 min Scan# 2186

Delta R.T. -0.006 min

Lab File: BF126971.D

Acq: 21 Feb 2022 14:02

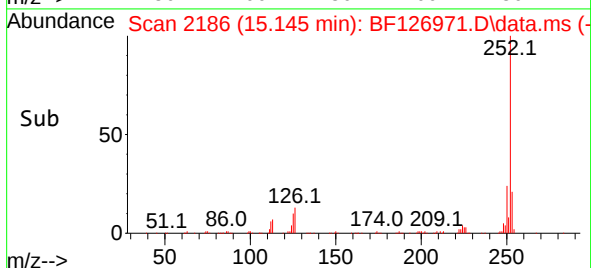
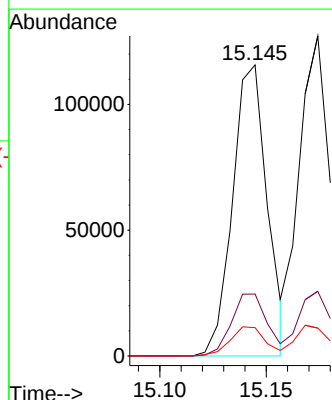
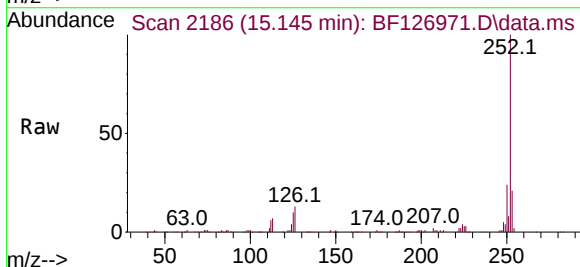
Tgt Ion:252 Resp: 130540

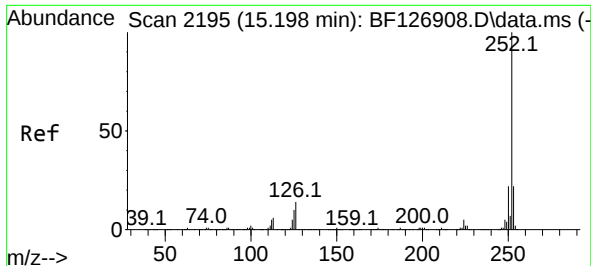
Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

125 9.8 12.4 18.6#

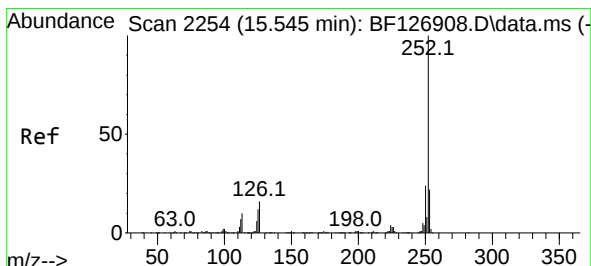
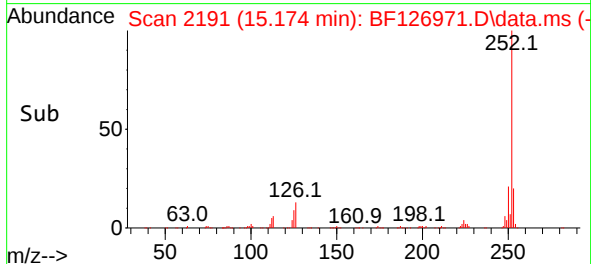
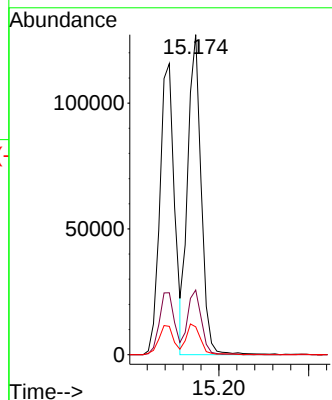
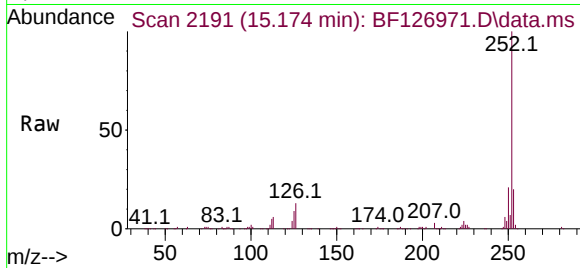




#89
Benzo(k)fluoranthene
Concen: 8.387 ng
RT: 15.174 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

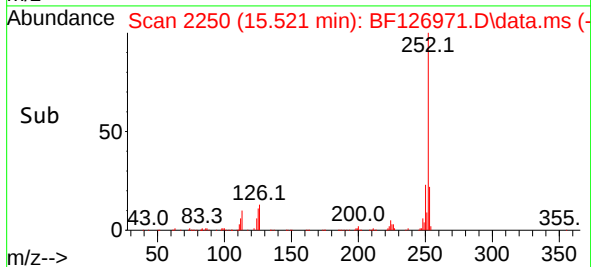
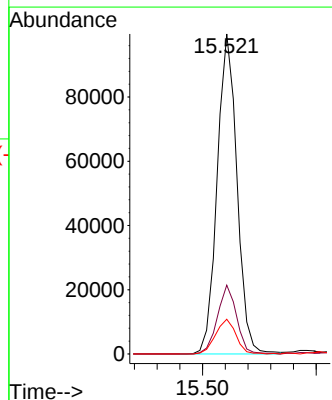
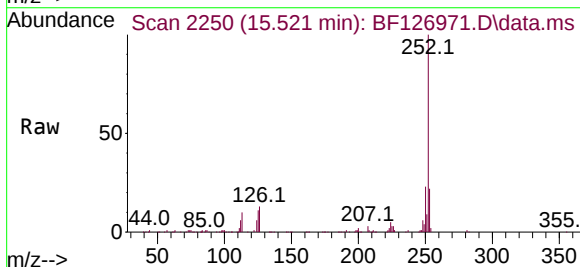
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021

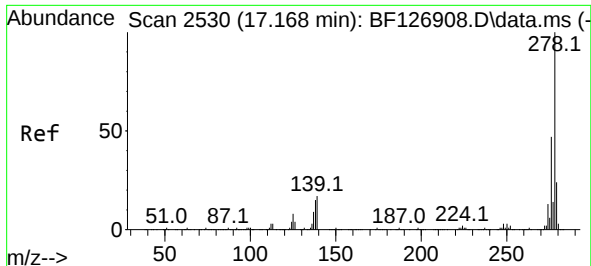
Tgt Ion:252 Resp: 132182
Ion Ratio Lower Upper
252 100
253 20.2 17.5 26.3
125 8.7 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 9.463 ng
RT: 15.521 min Scan# 2250
Delta R.T. -0.006 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:252 Resp: 120774
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 10.8 13.0 19.6#

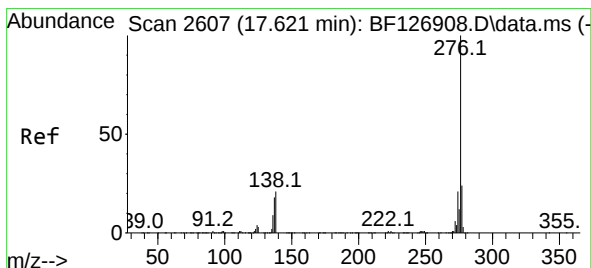
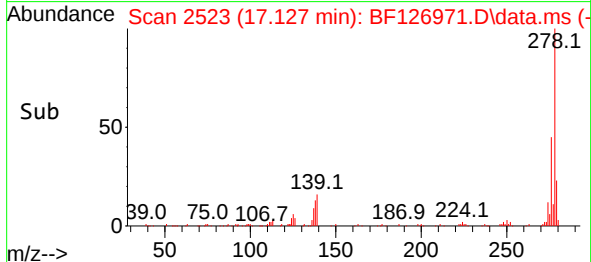
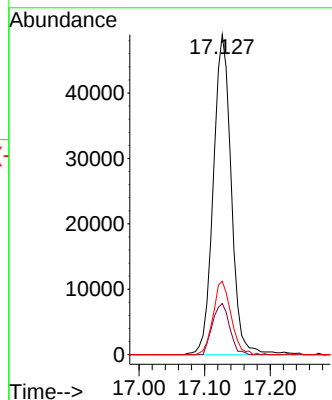
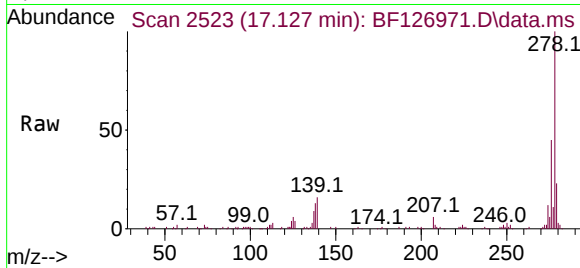




#91
Dibenzo(a,h)anthracene
Concen: 7.016 ng
RT: 17.127 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:278 Resp: 92571
Ion Ratio Lower Upper
278 100
139 16.0 18.0 27.0#
279 23.0 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 6.572 ng
RT: 17.568 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF126971.D
Acq: 21 Feb 2022 14:02

Tgt Ion:276 Resp: 85480
Ion Ratio Lower Upper
276 100
277 22.7 18.5 27.7
138 21.1 25.9 38.9#

