

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126957.D
 Acq On : 18 Feb 2022 17:37
 Operator : CG\JU
 Sample : M4068-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 18 23:52:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	98431	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	394528	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	206163	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	373227	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	259539	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	201302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	928247	145.754	ng	0.00
7) Phenol-d6	6.563	99	1278154	148.736	ng	0.00
23) Nitrobenzene-d5	7.498	82	725839	83.042	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	388132	163.514	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1198483	85.580	ng	0.00
79) Terphenyl-d14	13.051	244	1427037	80.828	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	22293	7.650	ng	96
3) Pyridine	3.569	79	53830	7.042	ng	# 88
4) n-Nitrosodimethylamine	3.463	42	29476	7.872	ng	# 73
6) Aniline	6.598	93	91390	8.976	ng	98
8) 2-Chlorophenol	6.716	128	55043	8.055	ng	99
9) Benzaldehyde	6.487	77	52832	10.100	ng	98
10) Phenol	6.569	94	69935	8.054	ng	83
11) bis(2-Chloroethyl)ether	6.669	93	54849	8.054	ng	97
12) 1,3-Dichlorobenzene	6.869	146	58543	7.942	ng	95
13) 1,4-Dichlorobenzene	6.945	146	60958	8.157	ng	98
14) 1,2-Dichlorobenzene	7.098	146	57771	8.107	ng	96
15) Benzyl Alcohol	7.063	79	65379	9.031	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.198	45	80570	7.513	ng	96
17) 2-Methylphenol	7.169	107	48078	8.132	ng	91
18) Hexachloroethane	7.439	117	23375	8.160	ng	96
19) n-Nitroso-di-n-propyla...	7.334	70	44086	7.962	ng	96
20) 3+4-Methylphenols	7.322	107	61438	8.003	ng	# 75
22) Acetophenone	7.334	105	88531	8.523	ng	92
24) Nitrobenzene	7.510	77	69309	8.394	ng	95
25) Isophorone	7.745	82	122970	8.502	ng	# 94
26) 2-Nitrophenol	7.828	139	28471	8.099	ng	# 88
27) 2,4-Dimethylphenol	7.851	122	53631	9.286	ng	88
28) bis(2-Chloroethoxy)met...	7.951	93	69424	7.917	ng	98
29) 2,4-Dichlorophenol	8.063	162	42987	7.917	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	48713	8.025	ng	98
31) Naphthalene	8.234	128	173119	8.406	ng	99
32) Benzoic acid	7.922	122	19203	4.688	ng	# 81
33) 4-Chloroaniline	8.281	127	68203	8.414	ng	97
34) Hexachlorobutadiene	8.345	225	28144	7.941	ng	98
35) Caprolactam	8.616	113	14910	7.863	ng	92
36) 4-Chloro-3-methylphenol	8.751	107	56262	8.108	ng	99
37) 2-Methylnaphthalene	8.922	142	111810	8.367	ng	98
38) 1-Methylnaphthalene	9.022	142	108243	8.458	ng	97
40) 1,2,4,5-Tetrachloroben...	9.086	216	45128	8.316	ng	98
41) Hexachlorocyclopentadiene	9.075	237	21304	7.238	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	30496	7.662	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	34045	8.128	ng	92
46) 1,1'-Biphenyl	9.386	154	140401	8.596	ng	99
47) 2-Chloronaphthalene	9.416	162	97139	8.020	ng	96
48) 2-Nitroaniline	9.504	65	37777	7.903	ng	88
49) Acenaphthylene	9.828	152	174336	8.861	ng	98
50) Dimethylphthalate	9.681	163	118844	8.065	ng	99
51) 2,6-Dinitrotoluene	9.745	165	25249	8.422	ng	# 83
52) Acenaphthene	10.004	154	102533	8.013	ng	97
53) 3-Nitroaniline	9.916	138	28747	7.844	ng	94
54) 2,4-Dinitrophenol	10.022	184	7319	4.612	ng	# 88
55) Dibenzofuran	10.175	168	145199	8.252	ng	93
56) 4-Nitrophenol	10.069	139	18806	6.948	ng	# 82
57) 2,4-Dinitrotoluene	10.145	165	32857	8.105	ng	# 93
58) Fluorene	10.516	166	114391	8.346	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	25880	7.794	ng	95
60) Diethylphthalate	10.380	149	130110	8.450	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	52789	8.168	ng	99
62) 4-Nitroaniline	10.528	138	27591	7.624	ng	# 74
63) Azobenzene	10.669	77	135434	7.899	ng	93
65) 4,6-Dinitro-2-methylph...	10.557	198	12586	5.739	ng	92
66) n-Nitrosodiphenylamine	10.628	169	100885	8.243	ng	98
67) 4-Bromophenyl-phenylether	10.998	248	32998	7.913	ng	89
68) Hexachlorobenzene	11.063	284	37370	8.324	ng	95
69) Atrazine	11.145	200	31486	8.295	ng	99
70) Pentachlorophenol	11.257	266	15044	6.139	ng	95
71) Phenanthrene	11.480	178	175636	8.408	ng	98
72) Anthracene	11.533	178	179063	8.610	ng	99
73) Carbazole	11.686	167	150751	7.905	ng	99
74) Di-n-butylphthalate	12.010	149	202798	8.271	ng	99
75) Fluoranthene	12.674	202	169524	8.547	ng	95
77) Benzidine	12.798	184	76683	10.872	ng	# 96
78) Pyrene	12.904	202	172390	7.645	ng	100
80) Butylbenzylphthalate	13.516	149	82870	7.763	ng	89
81) Benzo(a)anthracene	14.092	228	138999	7.944	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	44999	8.161	ng	# 94
83) Chrysene	14.127	228	130219	7.914	ng	98
84) Bis(2-ethylhexyl)phtha...	14.074	149	112617	8.036	ng	# 96
85) Di-n-octyl phthalate	14.686	149	166512	8.252	ng	98
87) Indeno(1,2,3-cd)pyrene	17.133	276	86869	6.581	ng	# 87
88) Benzo(b)fluoranthene	15.163	252	113278	8.378	ng	# 93
89) Benzo(k)fluoranthene	15.192	252	111219	8.529	ng	# 94
90) Benzo(a)pyrene	15.539	252	100215	9.489	ng	96
91) Dibenzo(a,h)anthracene	17.157	278	74625	6.836	ng	# 89
92) Benzo(g,h,i)perylene	17.604	276	71539	6.647	ng	# 87

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

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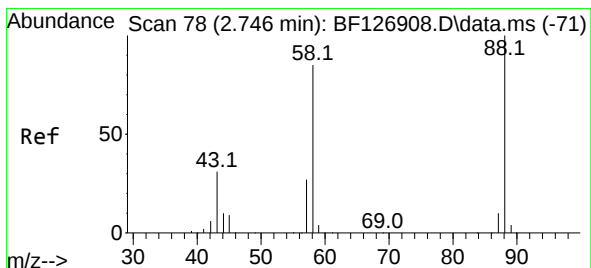
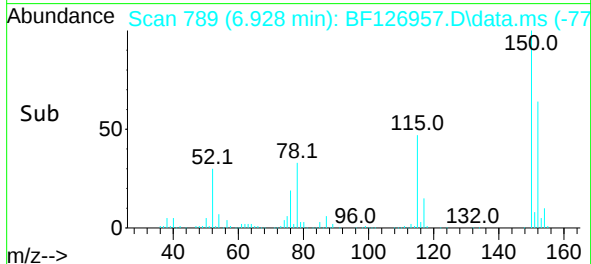
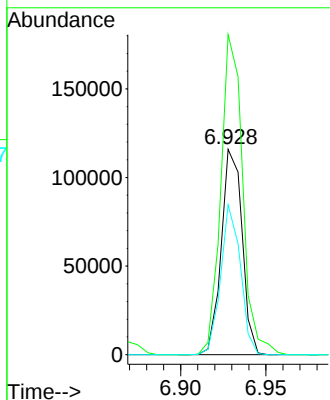
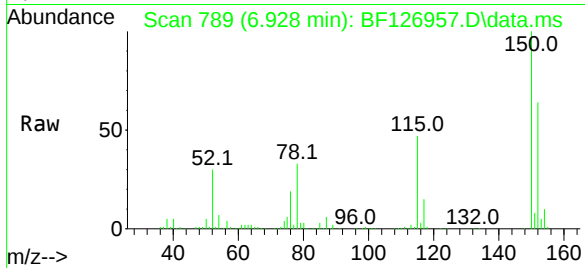




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 77
 Delta R.T. -0.005 min
 Lab File: BF126957.D
 Acq: 18 Feb 2022 17:37

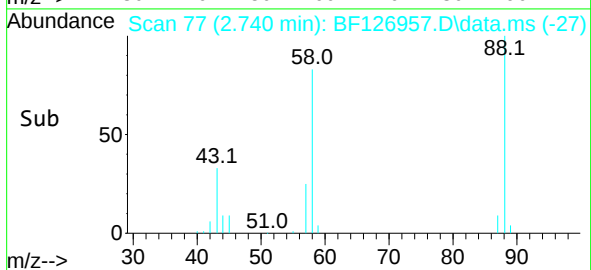
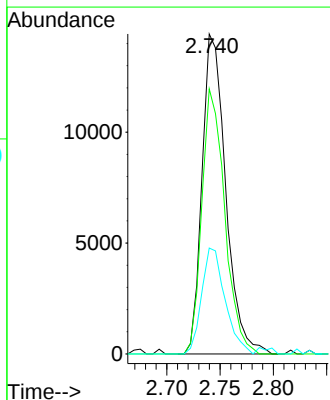
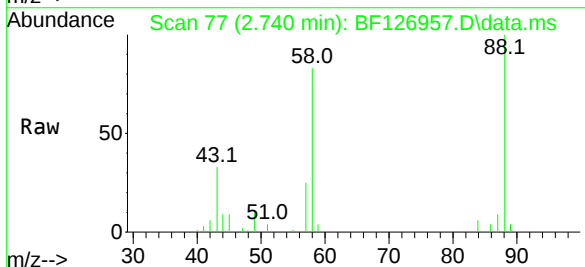
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2021

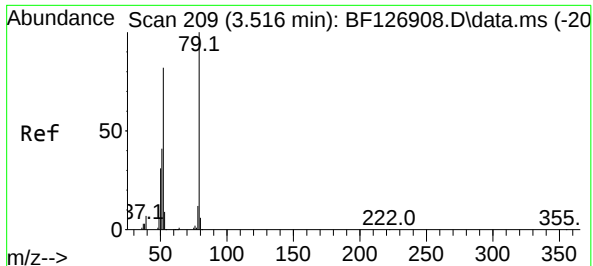
Tgt Ion:152 Resp: 98431
 Ion Ratio Lower Upper
 152 100
 150 155.8 128.1 192.1
 115 73.0 56.7 85.1



#2
 1,4-Dioxane
 Concen: 7.650 ng
 RT: 2.740 min Scan# 77
 Delta R.T. -0.006 min
 Lab File: BF126957.D
 Acq: 18 Feb 2022 17:37

Tgt Ion: 88 Resp: 22293
 Ion Ratio Lower Upper
 88 100
 58 80.1 62.8 94.2
 43 32.8 22.3 33.5

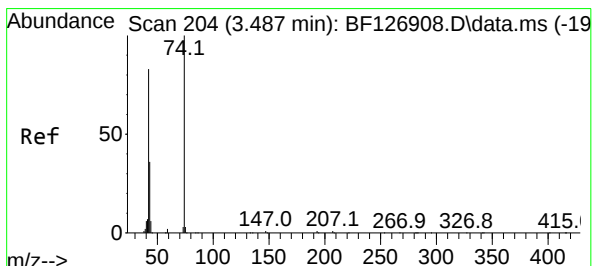
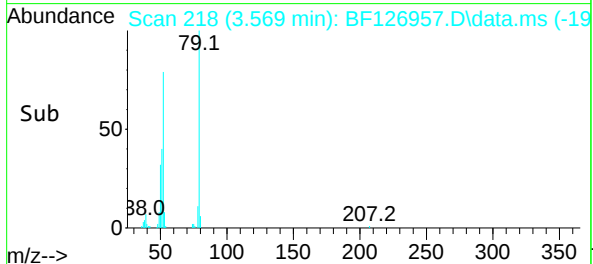
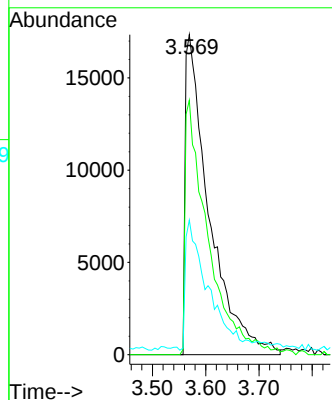
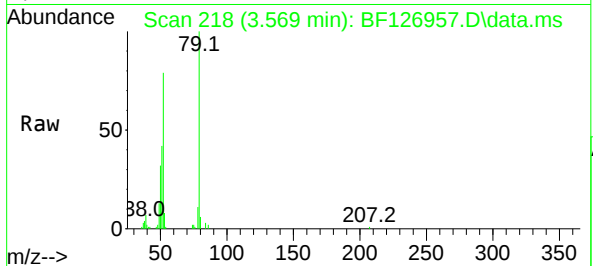




#3
Pyridine
Concen: 7.042 ng
RT: 3.569 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

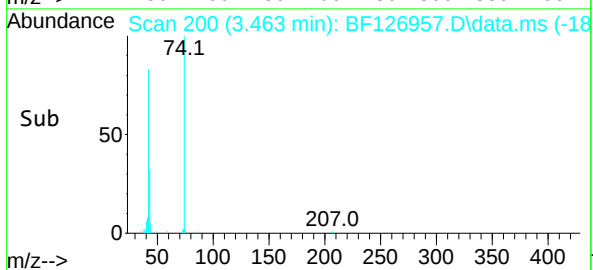
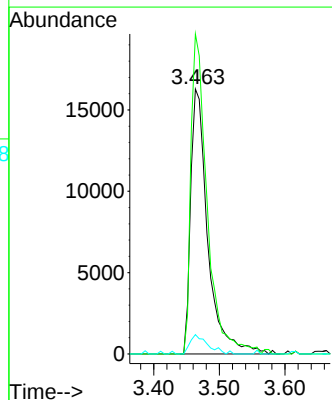
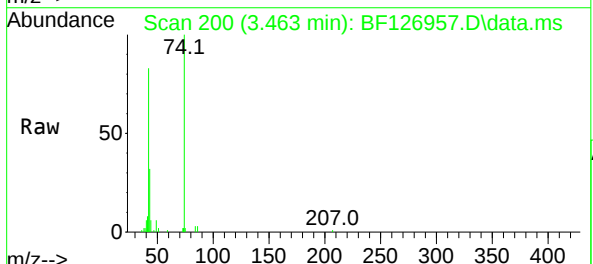
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

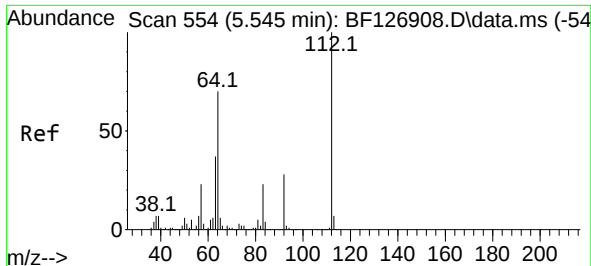
Tgt Ion: 79 Resp: 53830
Ion Ratio Lower Upper
79 100
52 79.5 56.2 84.4
51 42.1 26.7 40.1#



#4
n-Nitrosodimethylamine
Concen: 7.872 ng
RT: 3.463 min Scan# 200
Delta R.T. -0.023 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion: 42 Resp: 29476
Ion Ratio Lower Upper
42 100
74 120.8 125.6 188.4#
44 7.3 5.7 8.5

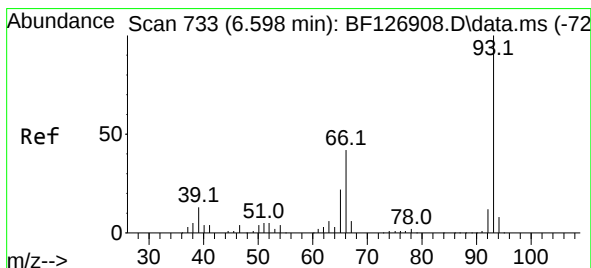
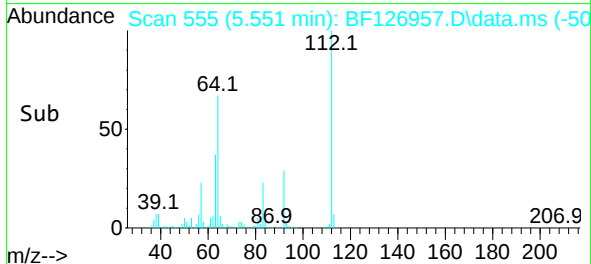
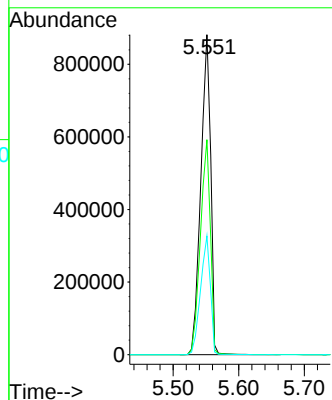
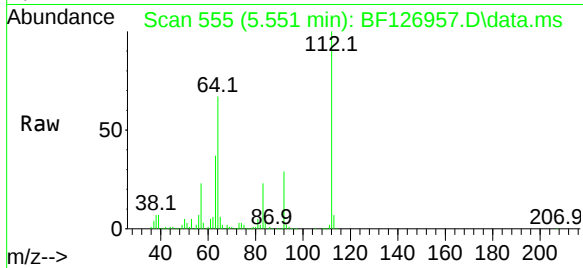




#5
2-Fluorophenol
Concen: 145.754 ng
RT: 5.551 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

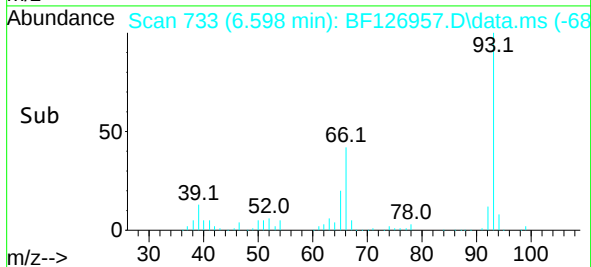
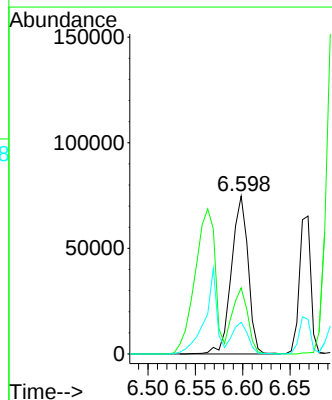
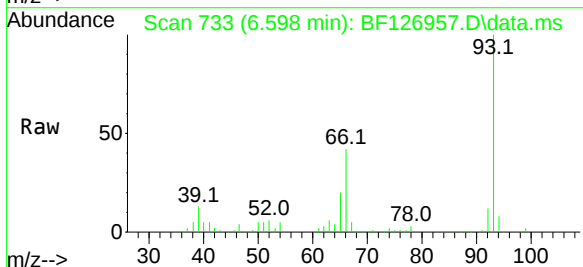
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

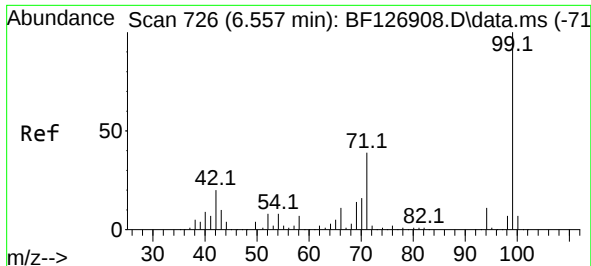
Tgt Ion:112 Resp: 928247
Ion Ratio Lower Upper
112 100
64 67.2 49.5 74.3
63 37.1 23.9 35.9#



#6
Aniline
Concen: 8.976 ng
RT: 6.598 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion: 93 Resp: 91390
Ion Ratio Lower Upper
93 100
66 41.9 32.2 48.4
65 20.1 16.3 24.5





#7

Phenol-d6

Concen: 148.736 ng

RT: 6.563 min Scan# 726

Delta R.T. 0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

Instrument :

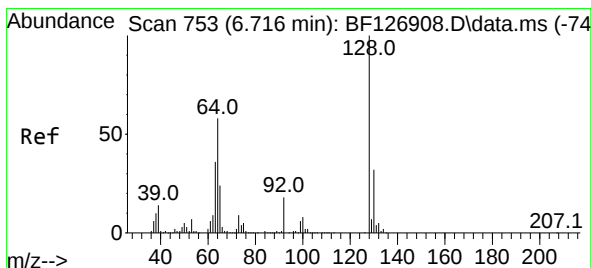
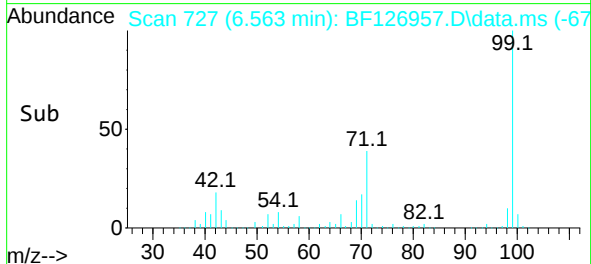
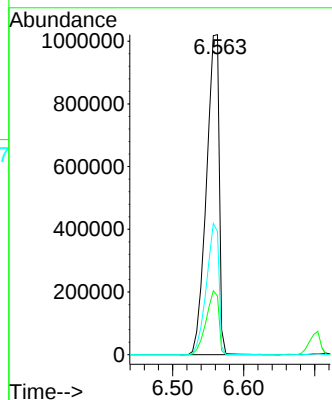
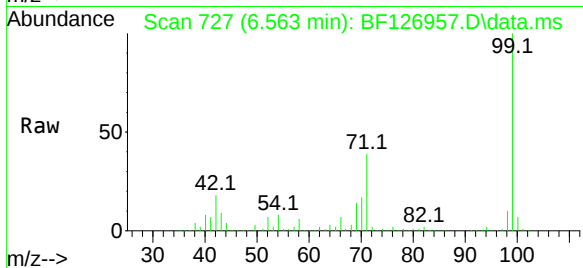
BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 99 Resp: 1278154

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.2	21.4
71	38.5	24.3	36.5



#8

2-Chlorophenol

Concen: 8.055 ng

RT: 6.716 min Scan# 753

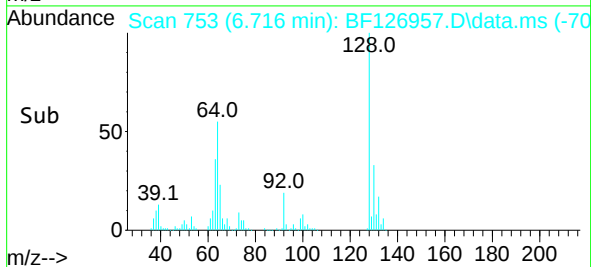
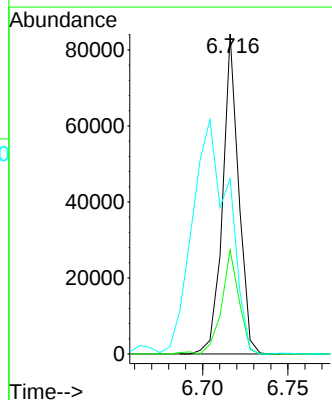
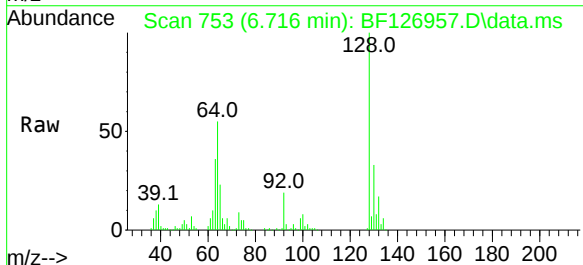
Delta R.T. 0.000 min

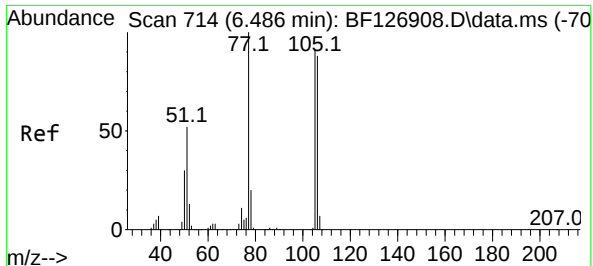
Lab File: BF126957.D

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Tgt Ion: 128 Resp: 55043

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	54.8	35.6	75.6

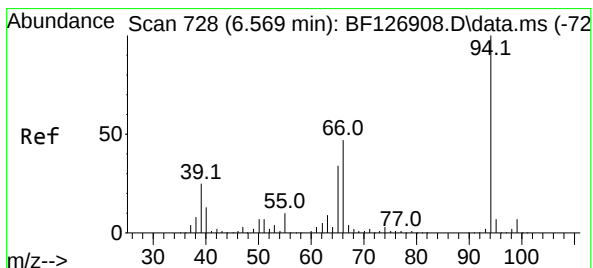
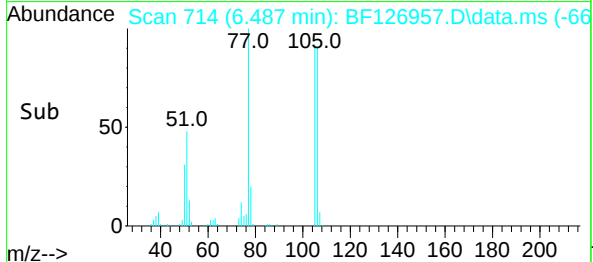
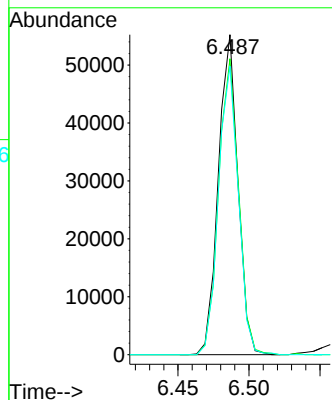
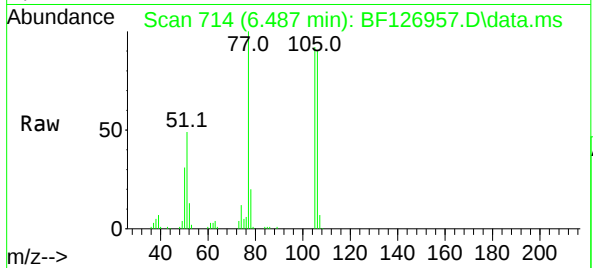




#9
Benzaldehyde
Concen: 10.100 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

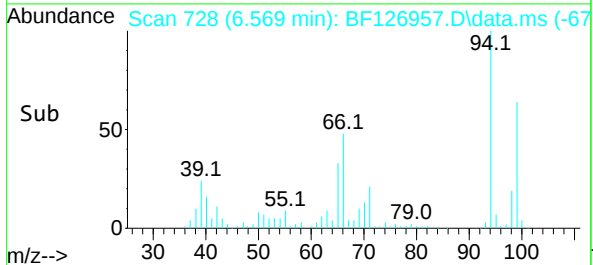
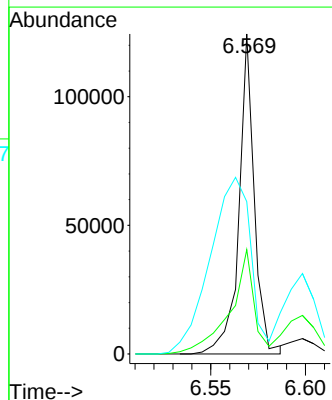
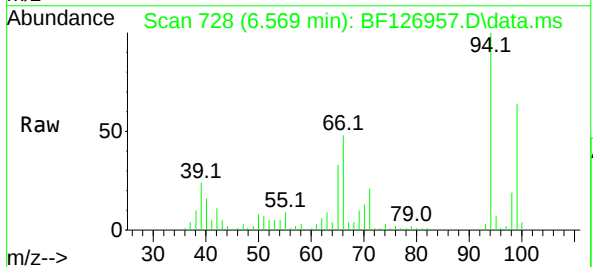
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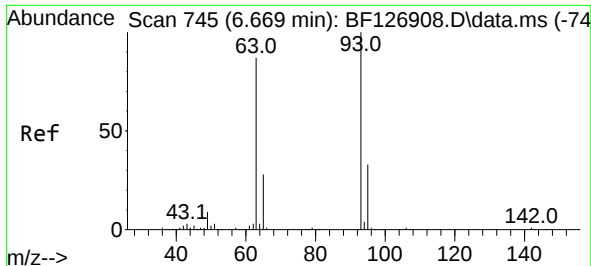
Tgt Ion: 77 Resp: 52832
Ion Ratio Lower Upper
77 100
105 92.5 74.9 114.9
106 90.1 72.4 112.4



#10
Phenol
Concen: 8.054 ng
RT: 6.569 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion: 94 Resp: 69935
Ion Ratio Lower Upper
94 100
65 32.6 7.2 47.2
66 47.6 14.5 54.5

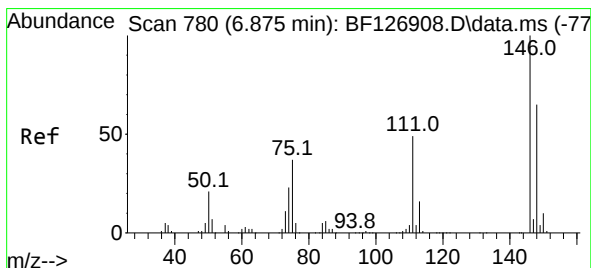
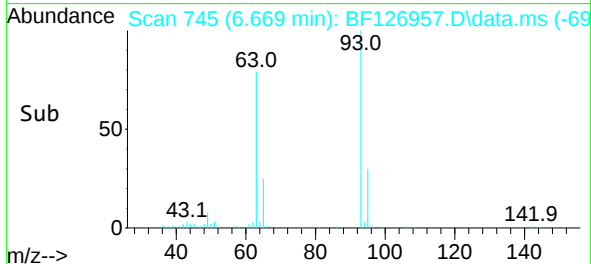
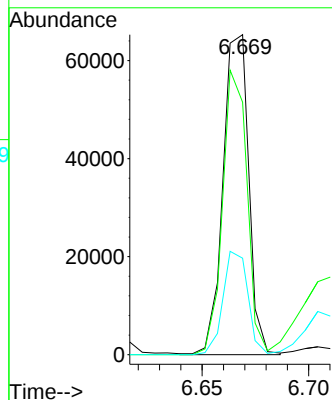
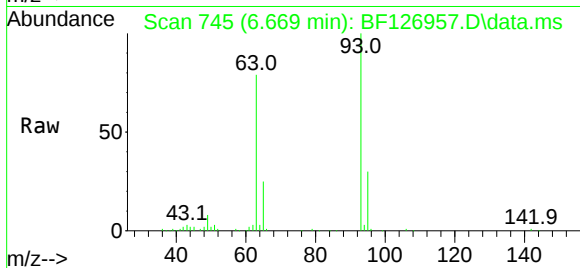




#11
bis(2-Chloroethyl)ether
Concen: 8.054 ng
RT: 6.669 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

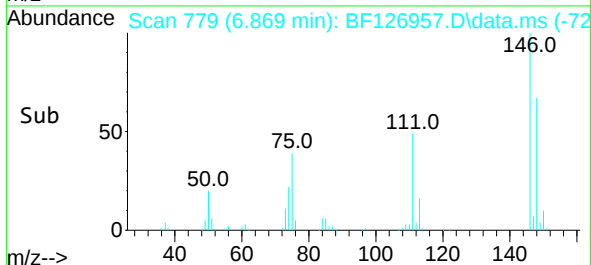
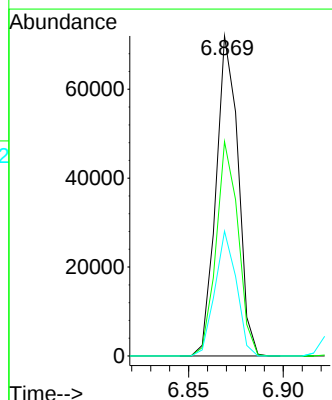
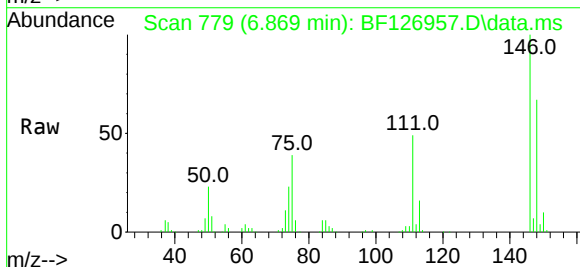
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

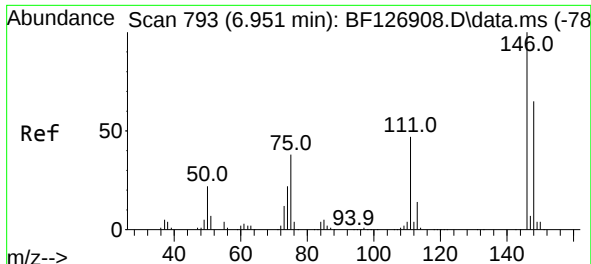
Tgt Ion: 93 Resp: 54849
Ion Ratio Lower Upper
93 100
63 78.9 60.5 100.5
95 30.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 7.942 ng
RT: 6.869 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion: 146 Resp: 58543
Ion Ratio Lower Upper
146 100
148 67.0 50.9 76.3
75 39.0 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 8.157 ng

RT: 6.945 min Scan# 793

Delta R.T. -0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

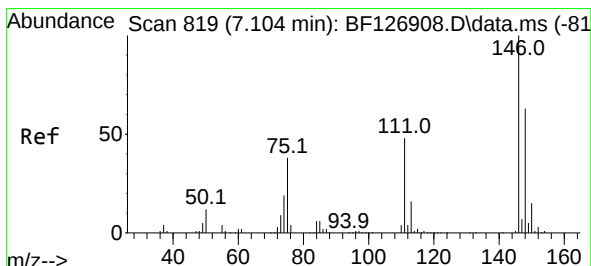
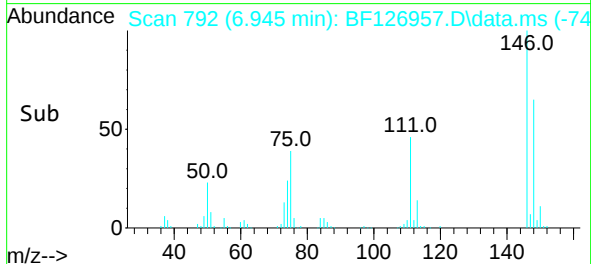
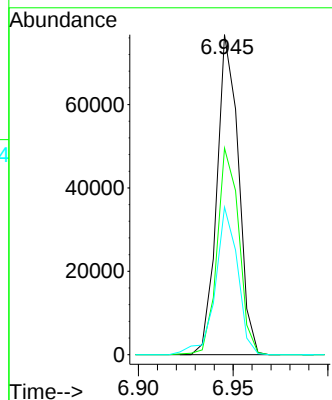
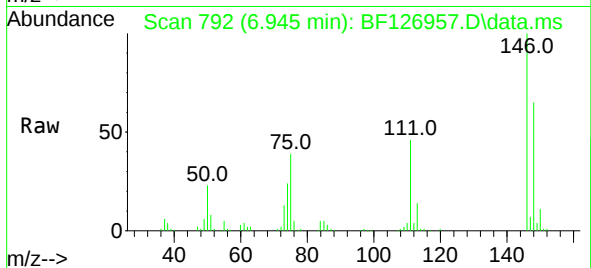
Tgt Ion:146 Resp: 60958

Ion Ratio Lower Upper

146 100

148 64.5 49.8 74.6

111 46.1 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 8.107 ng

RT: 7.098 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

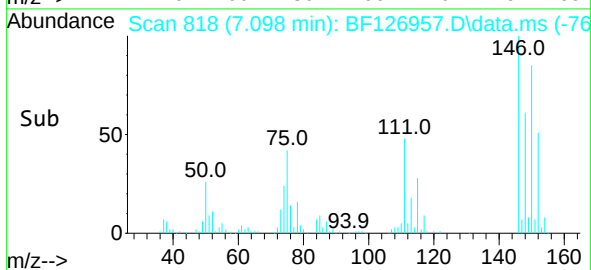
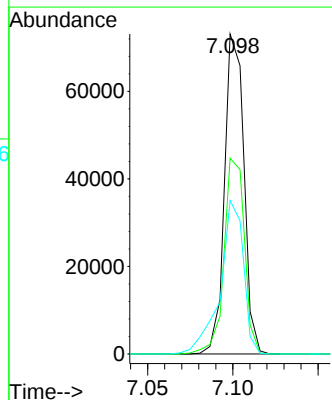
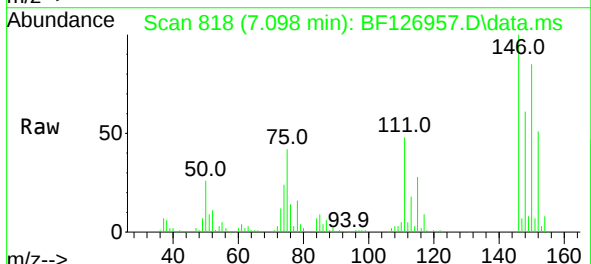
Tgt Ion:146 Resp: 57771

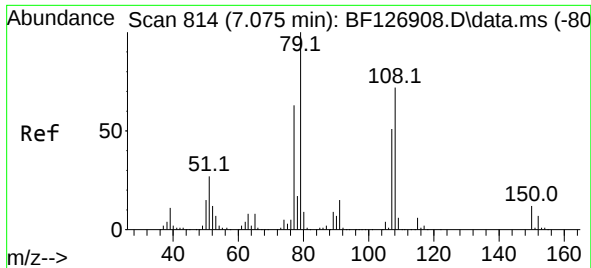
Ion Ratio Lower Upper

146 100

148 61.1 51.6 77.4

111 48.0 40.2 60.2





#15

Benzyl Alcohol

Concen: 9.031 ng

RT: 7.063 min Scan# 814

Delta R.T. -0.012 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

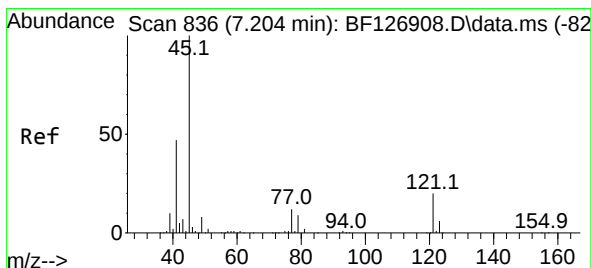
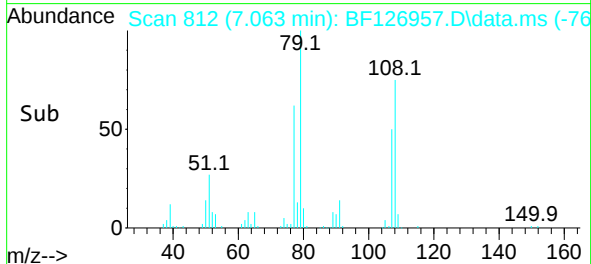
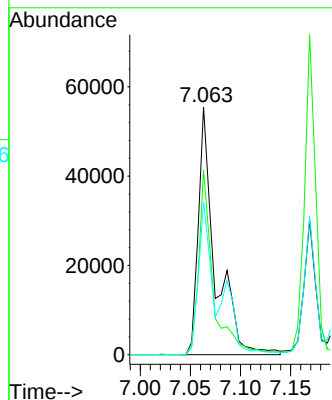
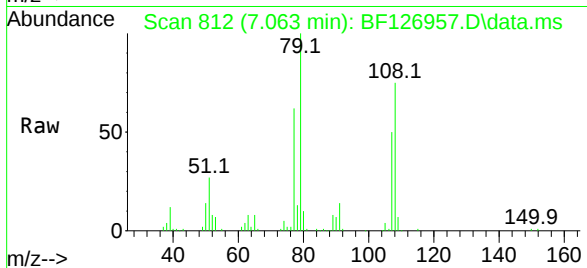
Tgt Ion: 79 Resp: 65379

Ion Ratio Lower Upper

79 100

108 74.5 63.2 94.8

77 61.7 49.4 74.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.513 ng

RT: 7.198 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

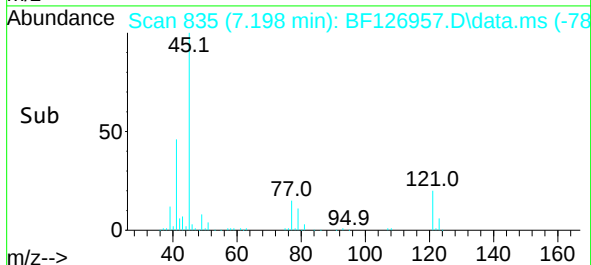
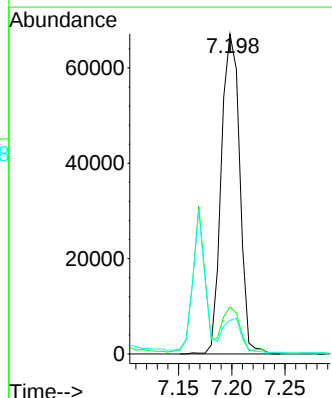
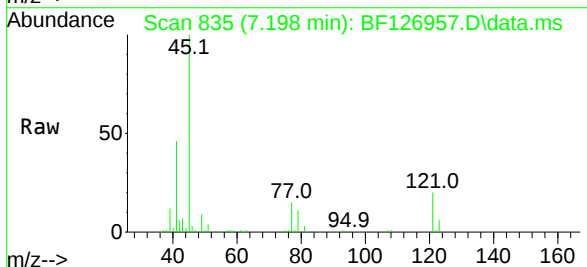
Tgt Ion: 45 Resp: 80570

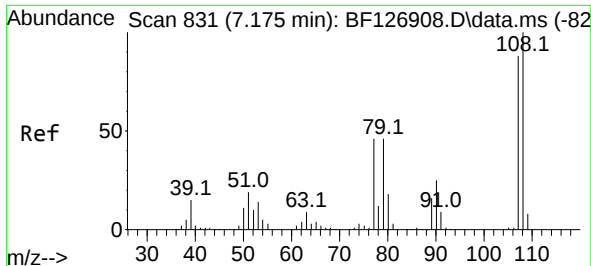
Ion Ratio Lower Upper

45 100

77 14.7 0.0 32.4

79 10.5 0.0 29.8

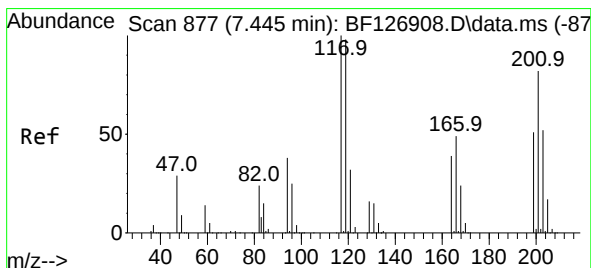
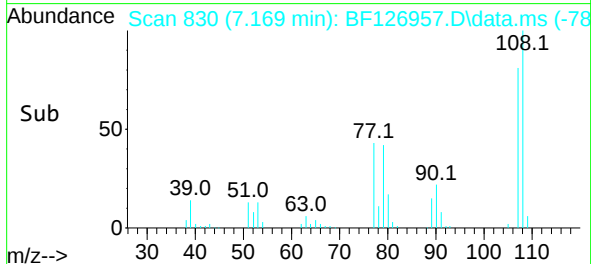
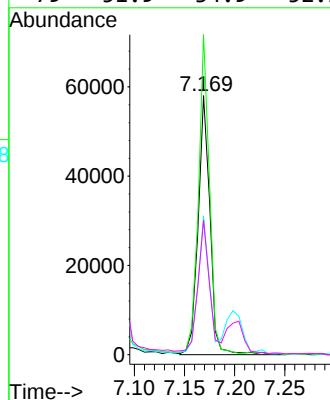
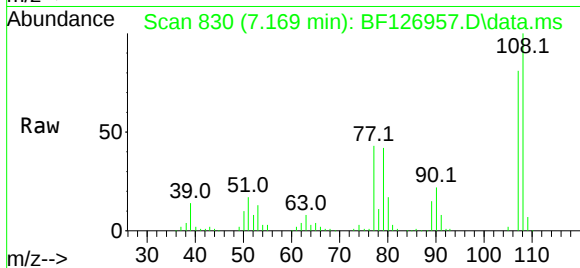




#17
2-Methylphenol
Concen: 8.132 ng
RT: 7.169 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

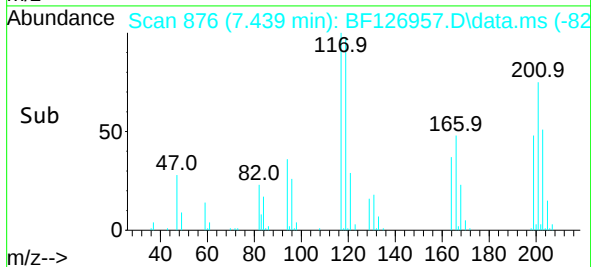
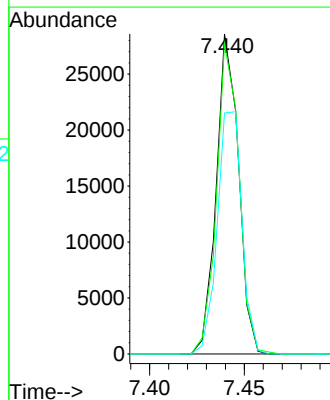
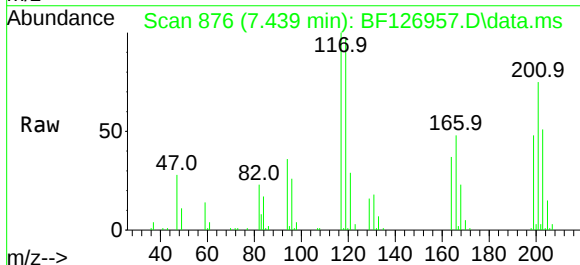
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

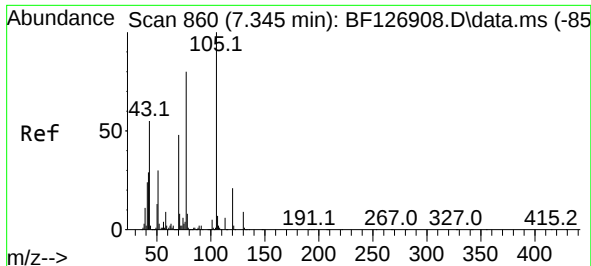
Tgt Ion:107 Resp: 48078
Ion Ratio Lower Upper
107 100
108 123.5 93.4 140.0
77 53.4 36.1 54.1
79 51.9 34.9 52.3



#18
Hexachloroethane
Concen: 8.160 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:117 Resp: 23375
Ion Ratio Lower Upper
117 100
119 97.0 75.4 113.0
201 75.3 56.8 85.2

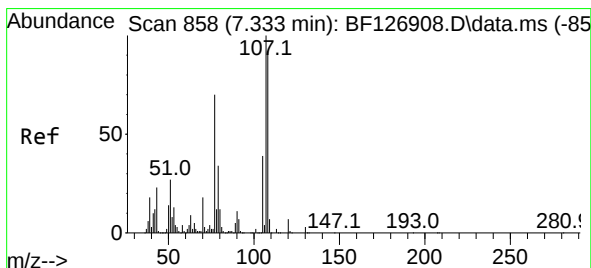
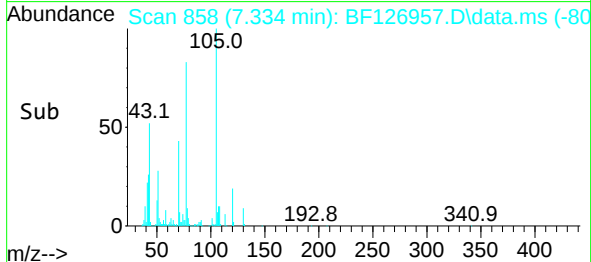
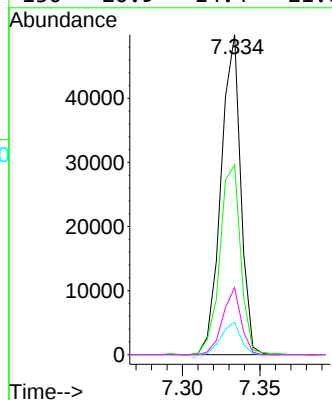
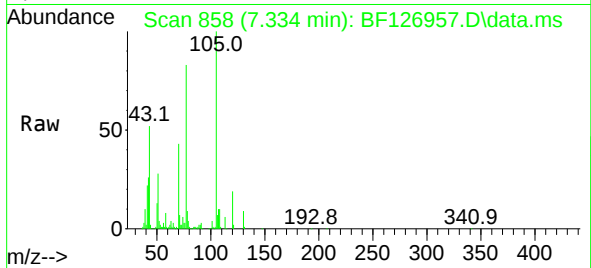




#19
n-Nitroso-di-n-propylamine
Concen: 7.962 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

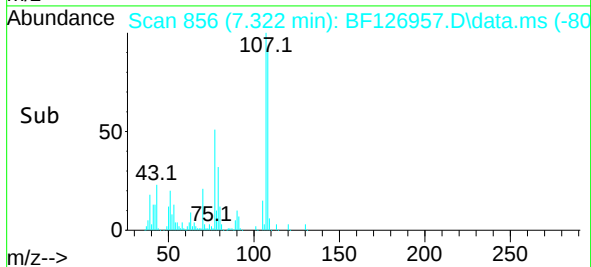
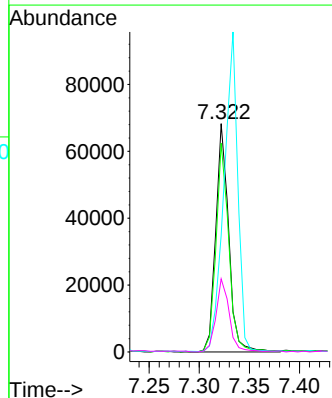
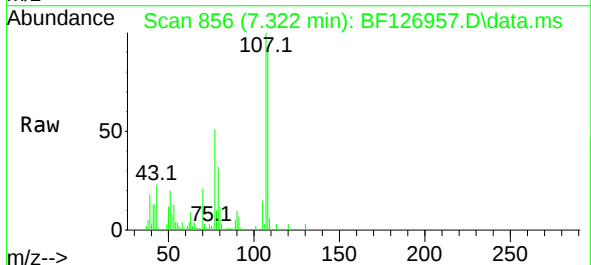
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

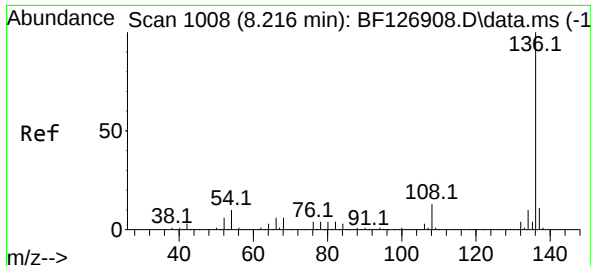
Tgt Ion:	70	Resp:	44086
Ion	Ratio	Lower	Upper
70	100		
42	59.4	45.8	68.8
101	10.2	6.9	10.3
130	20.9	14.4	21.6



#20
3+4-Methylphenols
Concen: 8.003 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

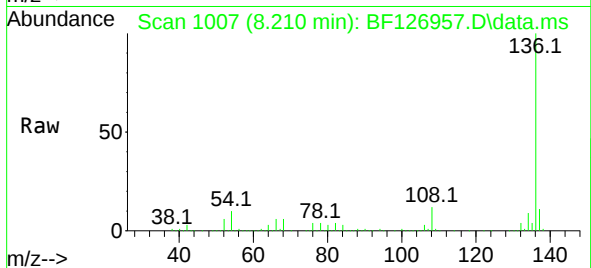
Tgt Ion:	107	Resp:	61438
Ion	Ratio	Lower	Upper
107	100		
108	91.4	72.4	112.4
77	51.0	83.8	123.8#
79	32.0	8.5	48.5



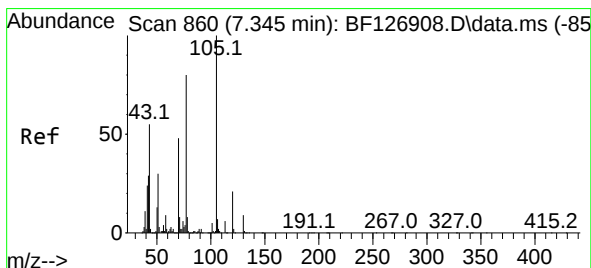
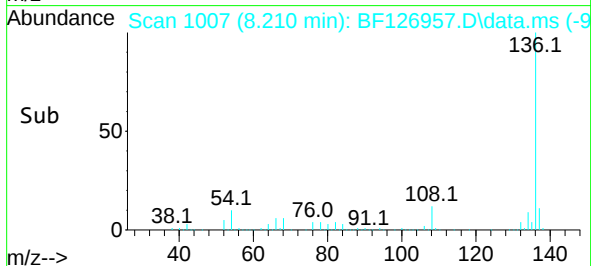
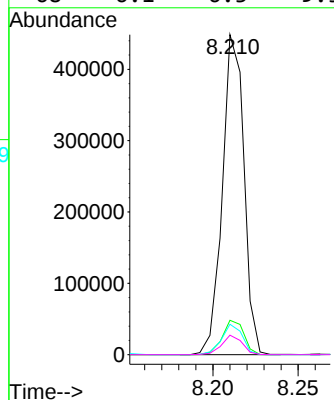


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

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

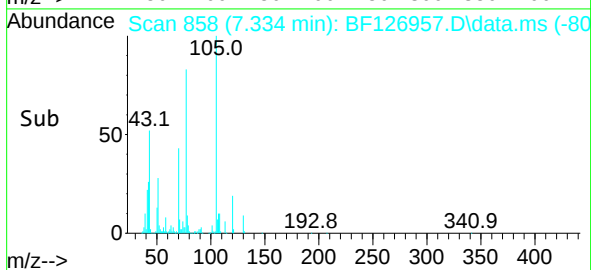
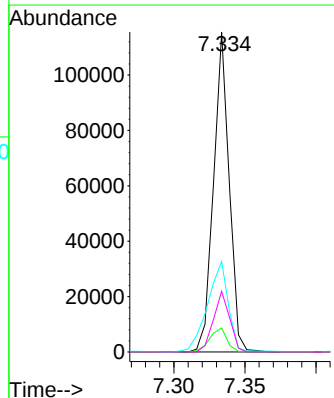
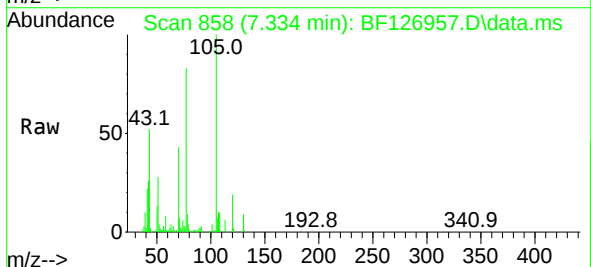


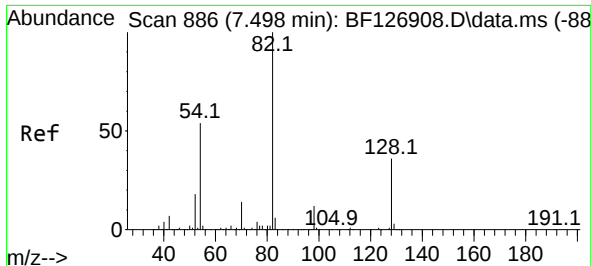
Tgt Ion:136 Resp: 394528
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.5 7.8 11.6
68 6.1 6.3 9.5#



#22
Acetophenone
Concen: 8.523 ng
RT: 7.334 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:105 Resp: 88531
Ion Ratio Lower Upper
105 100
71 7.5 5.4 8.0
51 28.3 27.4 41.0
120 18.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 83.042 ng

RT: 7.498 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

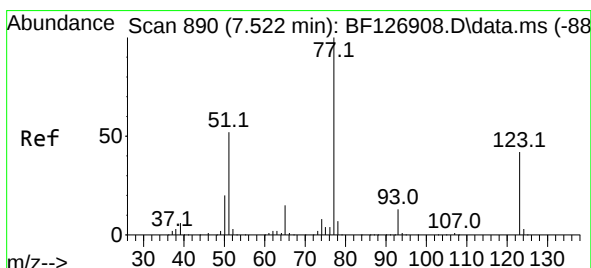
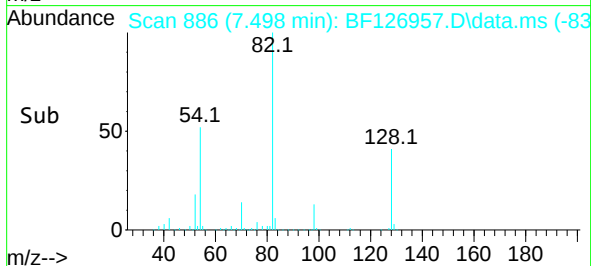
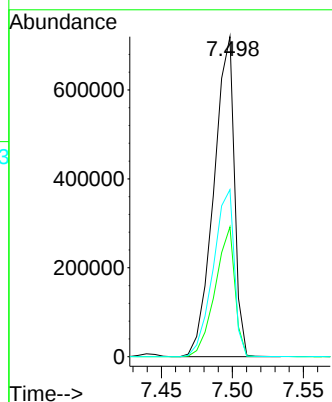
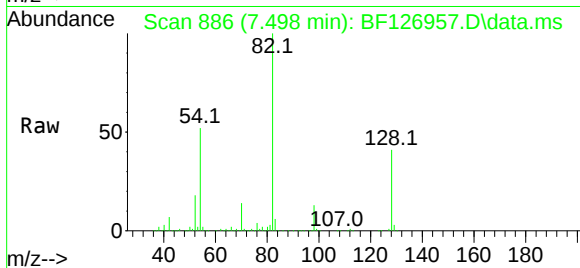
Tgt Ion: 82 Resp: 725839

Ion Ratio Lower Upper

82 100

128 40.5 32.7 49.1

54 52.2 41.7 62.5



#24

Nitrobenzene

Concen: 8.394 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.012 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

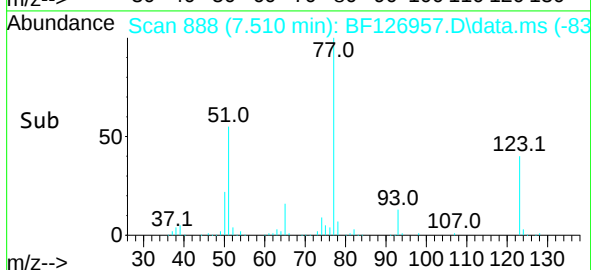
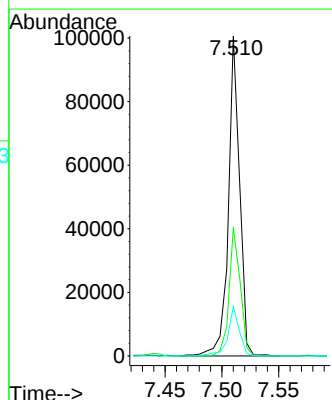
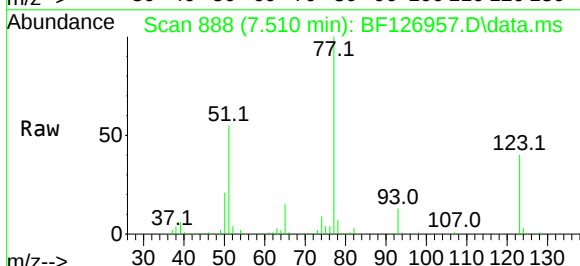
Tgt Ion: 77 Resp: 69309

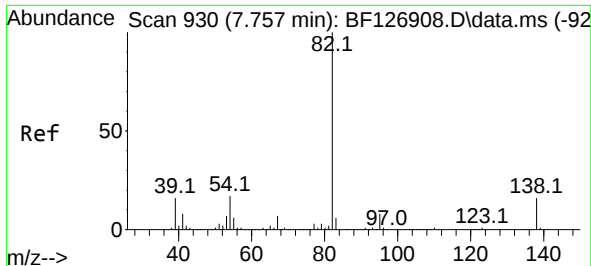
Ion Ratio Lower Upper

77 100

123 40.1 34.6 52.0

65 15.4 10.6 15.8

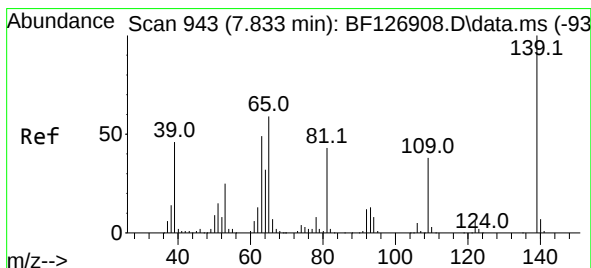
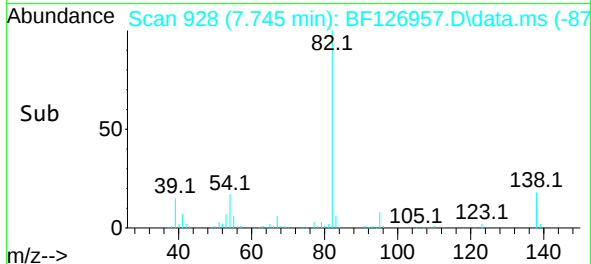
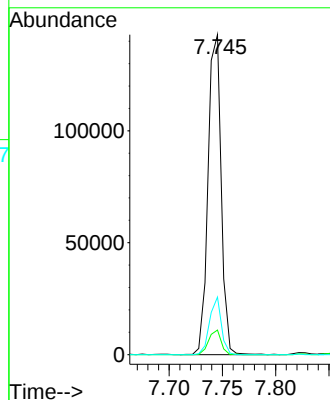
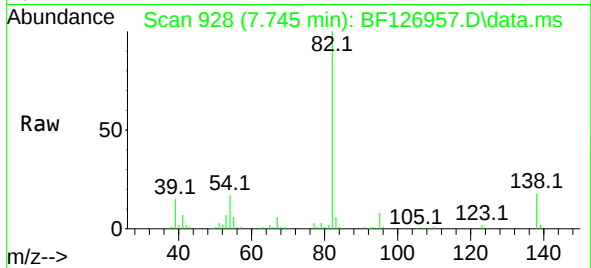




#25
Isophorone
Concen: 8.502 ng
RT: 7.745 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

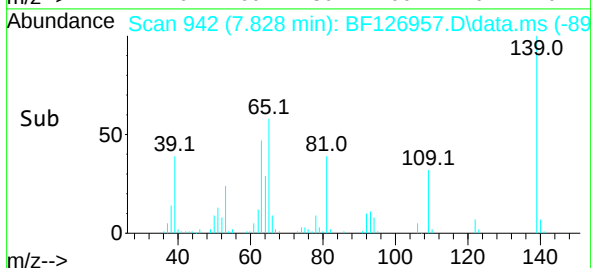
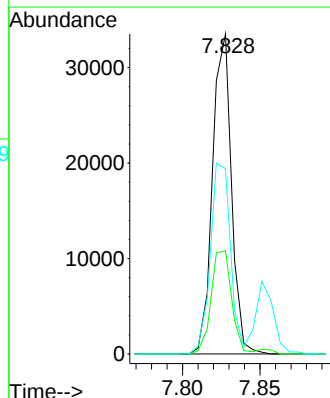
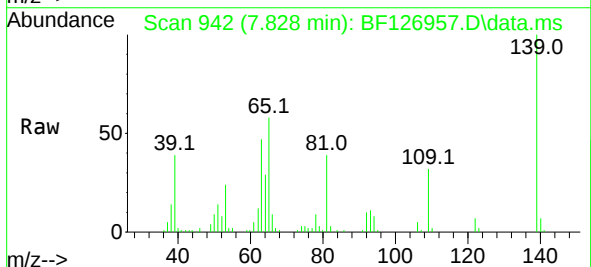
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

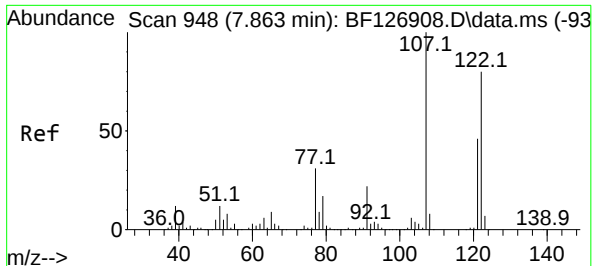
Tgt Ion: 82 Resp: 122970
Ion Ratio Lower Upper
82 100
95 7.7 5.0 7.4#
138 18.0 12.3 18.5



#26
2-Nitrophenol
Concen: 8.099 ng
RT: 7.828 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion: 139 Resp: 28471
Ion Ratio Lower Upper
139 100
109 32.3 20.0 30.0#
65 58.0 40.8 61.2

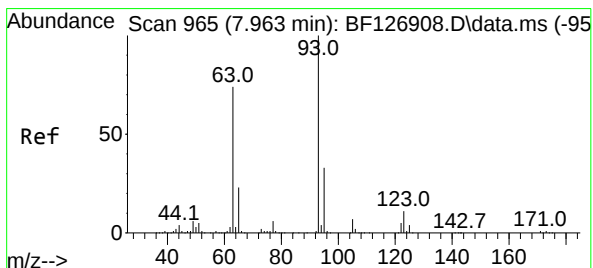
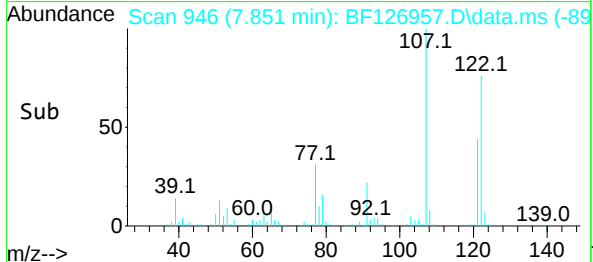
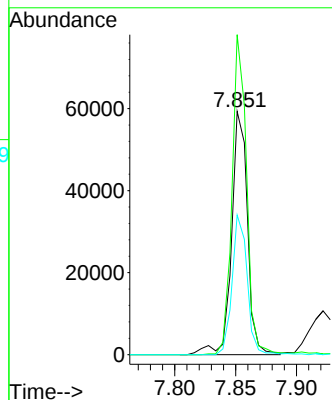
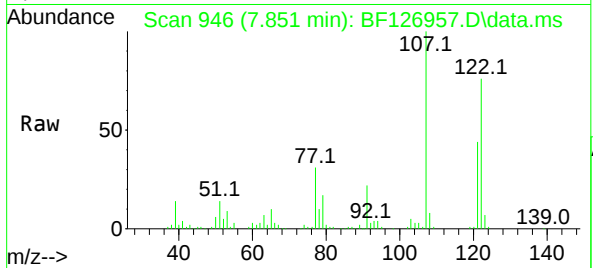




#27
2,4-Dimethylphenol
Concen: 9.286 ng
RT: 7.851 min Scan# 946
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

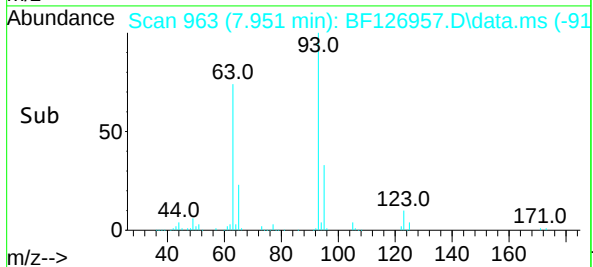
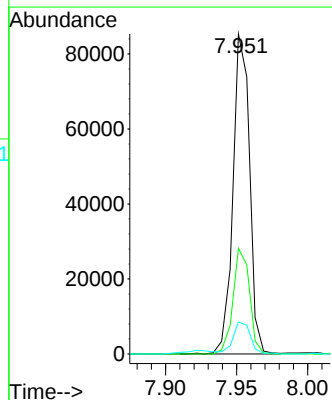
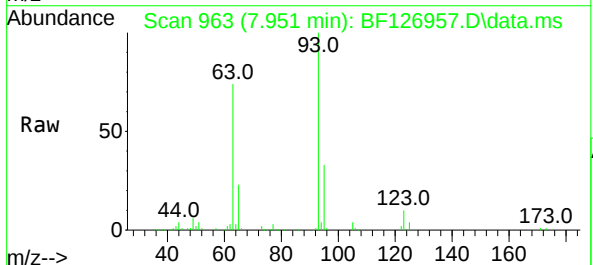
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021

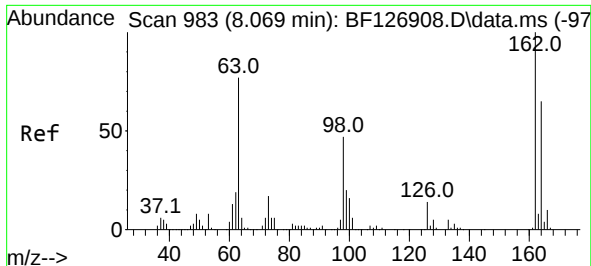
Tgt Ion:	122	Resp:	53631
Ion Ratio	Lower	Upper	
122	100		
107	131.6	91.2	136.8
121	57.4	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 7.917 ng
RT: 7.951 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:	93	Resp:	69424
Ion Ratio	Lower	Upper	
93	100		
95	33.0	25.4	38.2
123	10.0	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 7.917 ng

RT: 8.063 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126957.D

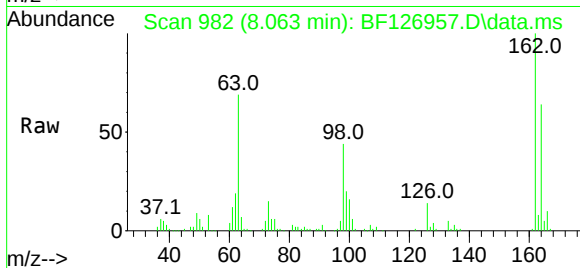
Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021



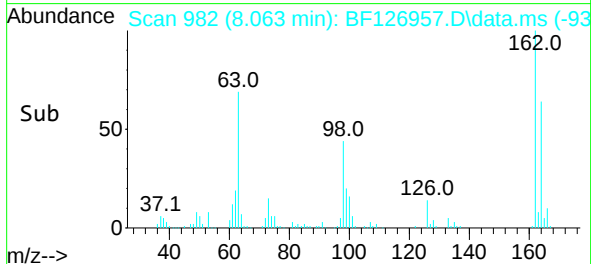
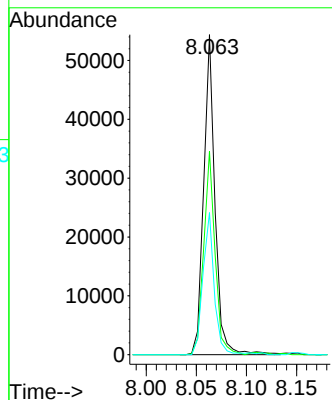
Tgt Ion:162 Resp: 42987

Ion Ratio Lower Upper

162 100

164 63.6 43.8 83.8

98 44.4 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 8.025 ng

RT: 8.151 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

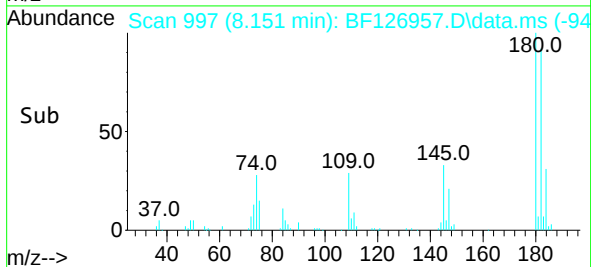
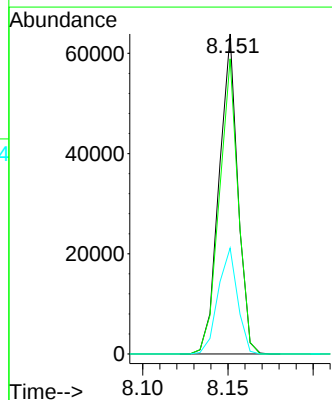
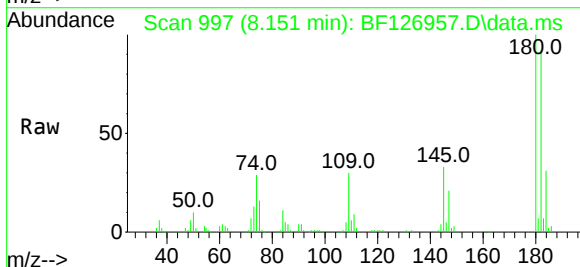
Tgt Ion:180 Resp: 48713

Ion Ratio Lower Upper

180 100

182 92.2 75.5 113.3

145 33.1 26.2 39.2

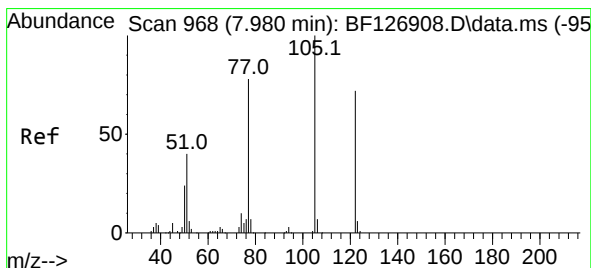
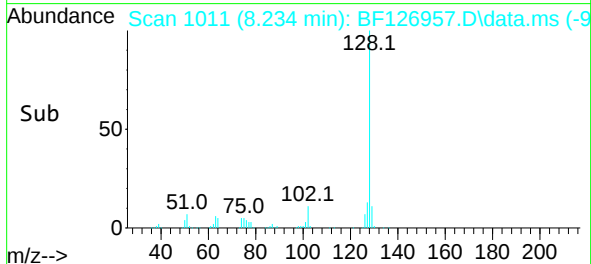
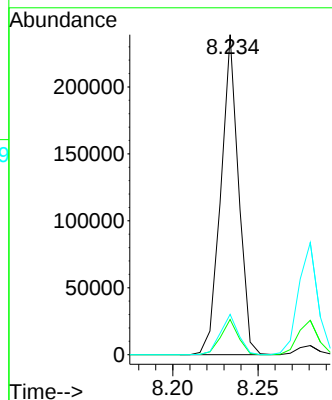
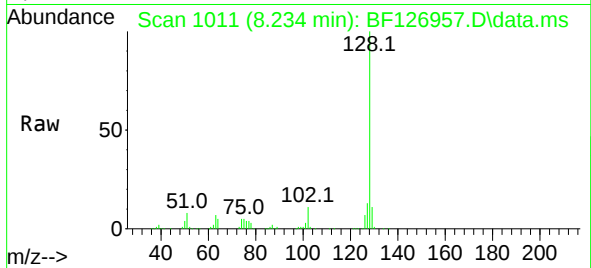




#31
Naphthalene
Concen: 8.406 ng
RT: 8.234 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

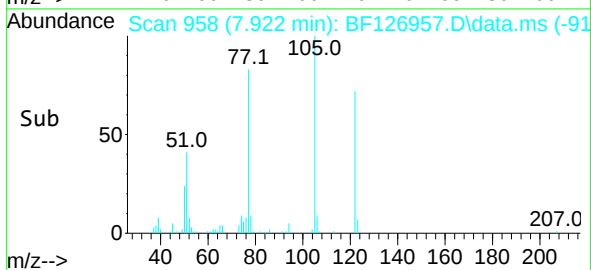
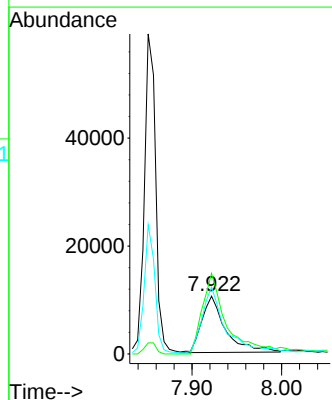
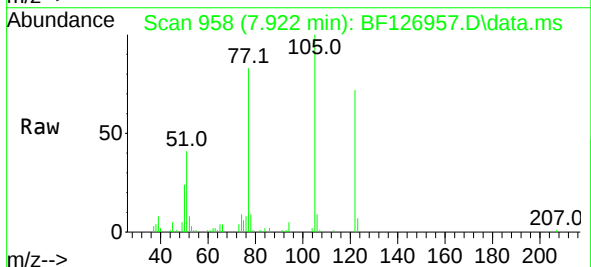
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

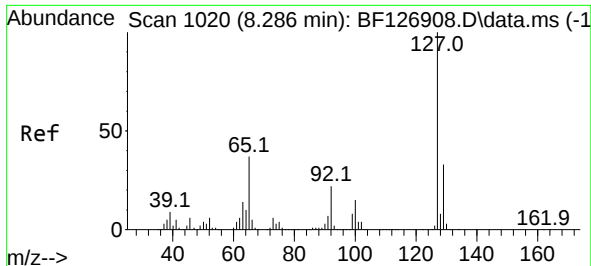
Tgt Ion:128 Resp: 173119
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 4.688 ng
RT: 7.922 min Scan# 958
Delta R.T. -0.059 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:122 Resp: 19203
Ion Ratio Lower Upper
122 100
105 139.6 101.0 141.0
77 115.9 74.5 114.5#

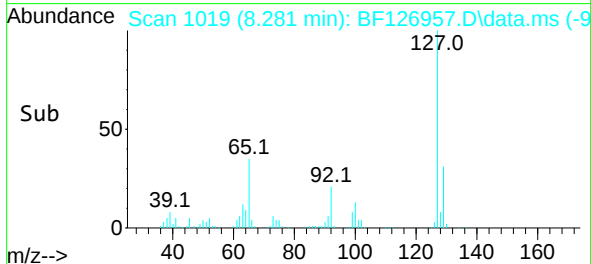
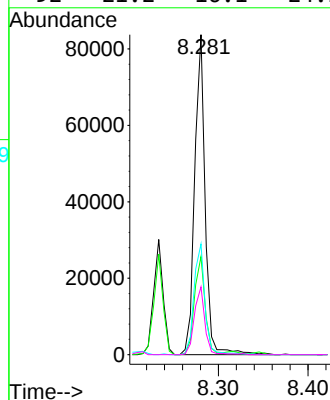
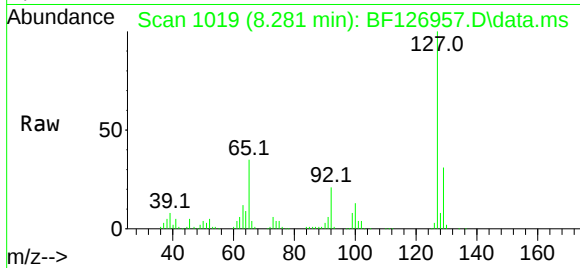




#33
4-Chloroaniline
Concen: 8.414 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

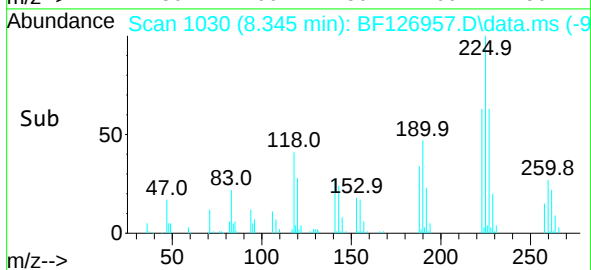
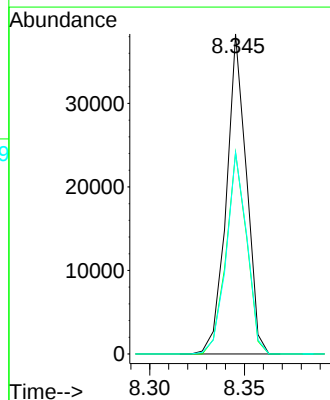
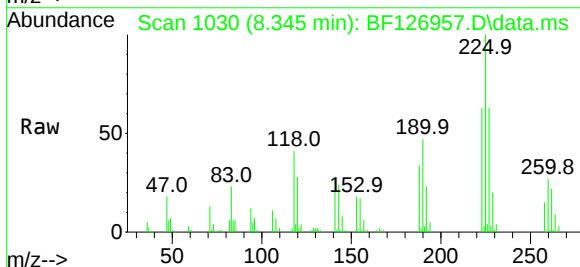
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

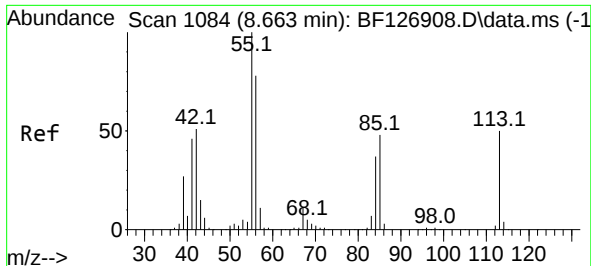
Tgt Ion:	127	Resp:	68203
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.5	39.7
65	34.6	26.6	39.8
92	21.2	16.1	24.1



#34
Hexachlorobutadiene
Concen: 7.941 ng
RT: 8.345 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:	225	Resp:	28144
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.6	73.0
227	62.9	51.4	77.0

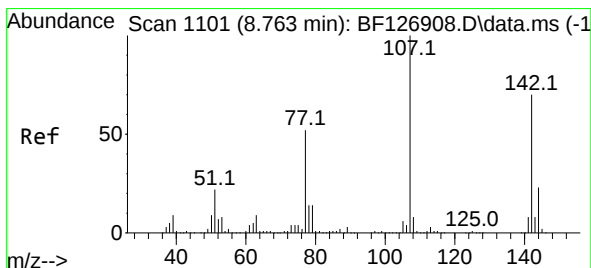
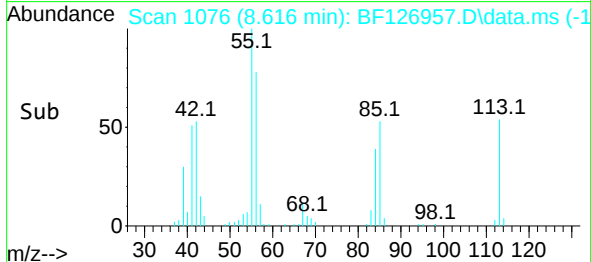
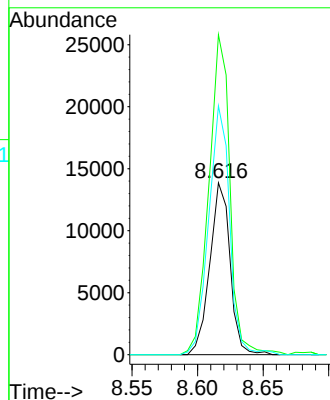
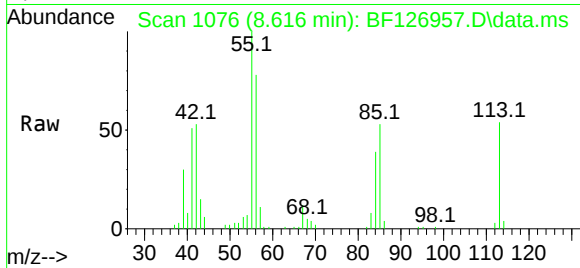




#35
 Caprolactam
 Concen: 7.863 ng
 RT: 8.616 min Scan# 1098
 Delta R.T. -0.047 min
 Lab File: BF126957.D
 Acq: 18 Feb 2022 17:37

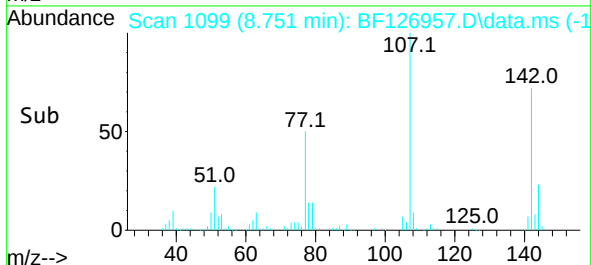
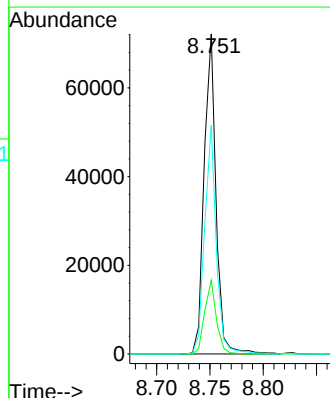
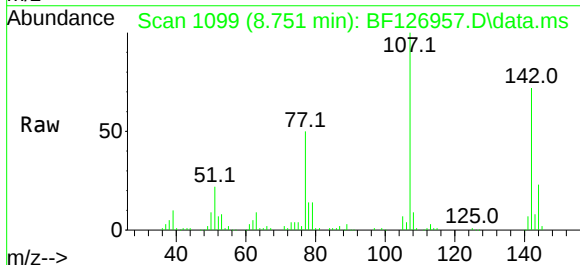
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2021

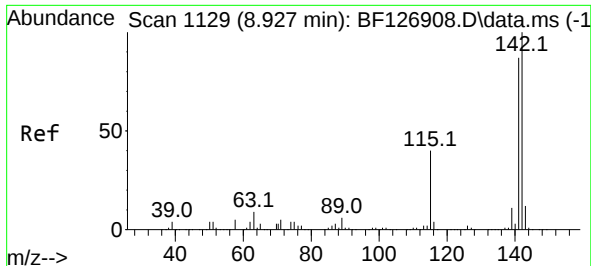
Tgt Ion:113 Resp: 14910
 Ion Ratio Lower Upper
 113 100
 55 186.2 183.9 223.9
 56 144.8 129.9 169.9



#36
 4-Chloro-3-methylphenol
 Concen: 8.108 ng
 RT: 8.751 min Scan# 1099
 Delta R.T. -0.012 min
 Lab File: BF126957.D
 Acq: 18 Feb 2022 17:37

Tgt Ion:107 Resp: 56262
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.5 27.7
 142 71.6 58.1 87.1





#37

2-Methylnaphthalene

Concen: 8.367 ng

RT: 8.922 min Scan# 1128

Delta R.T. -0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

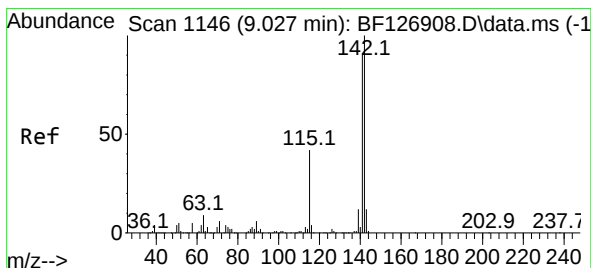
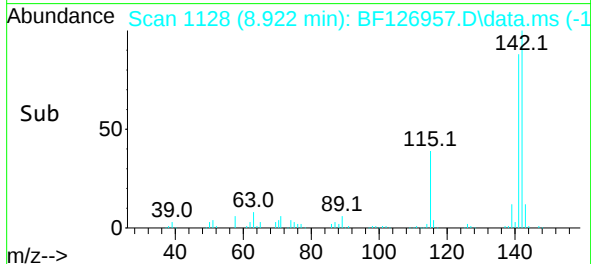
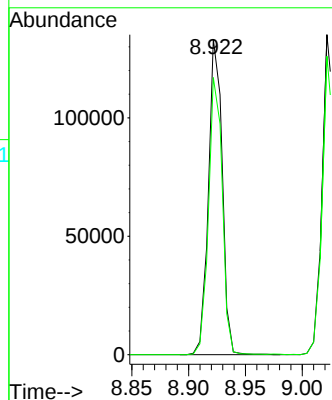
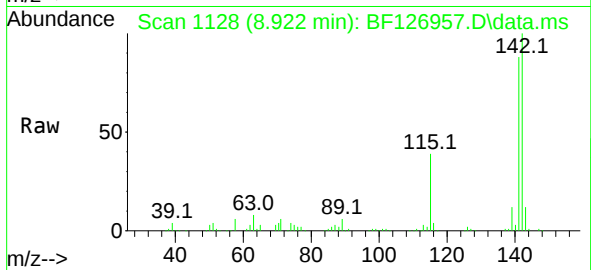
MDL-WATER-03-QT4-2021

Tgt Ion:142 Resp: 111810

Ion Ratio Lower Upper

142 100

141 87.8 68.6 102.8



#38

1-Methylnaphthalene

Concen: 8.458 ng

RT: 9.022 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF126957.D

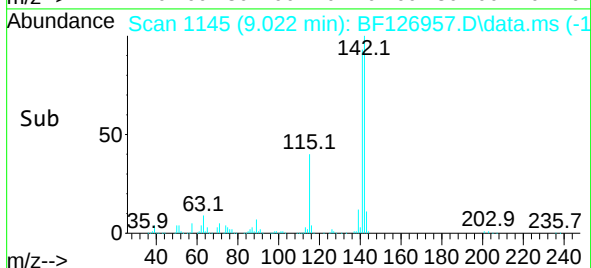
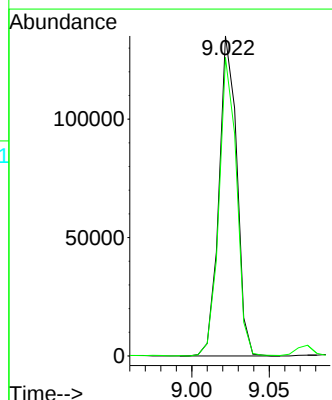
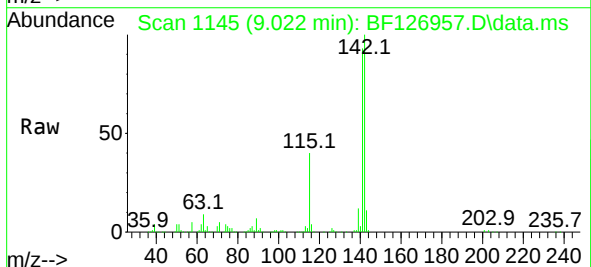
Acq: 18 Feb 2022 17:37

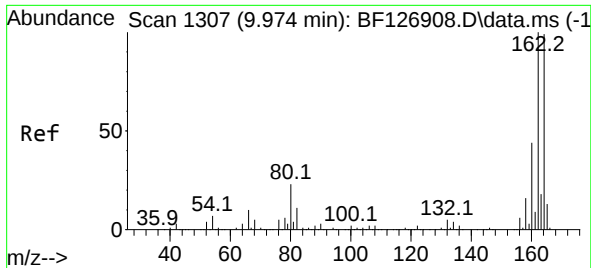
Tgt Ion:142 Resp: 108243

Ion Ratio Lower Upper

142 100

141 93.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF126957.D

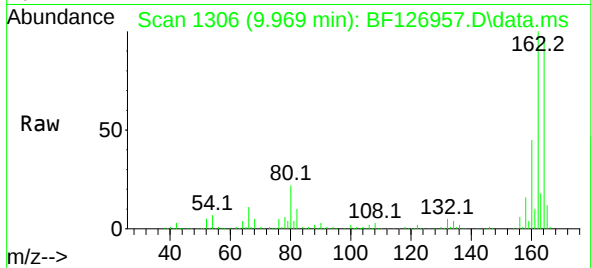
Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021



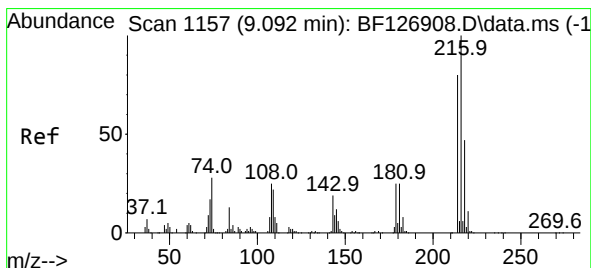
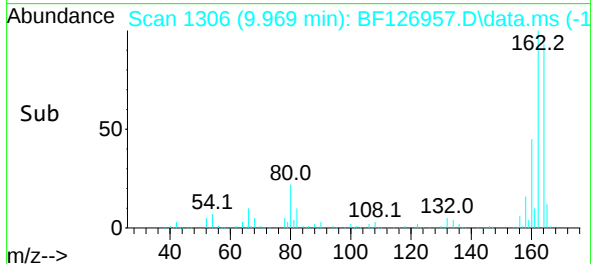
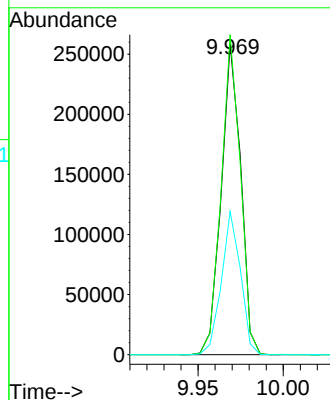
Tgt Ion:164 Resp: 206163

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

160 46.1 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.316 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

Tgt Ion:216 Resp: 45128

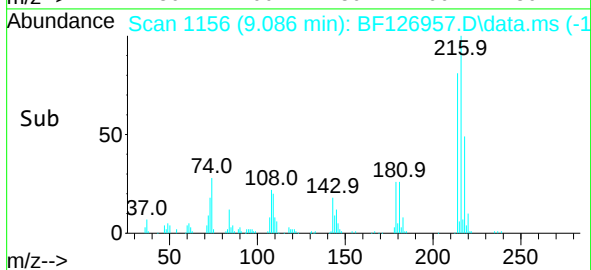
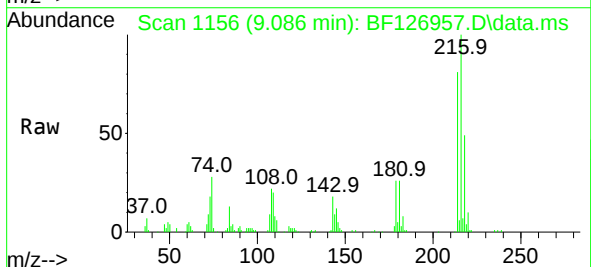
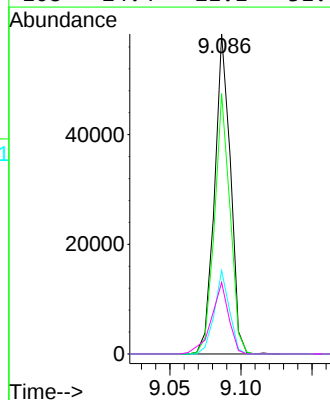
Ion Ratio Lower Upper

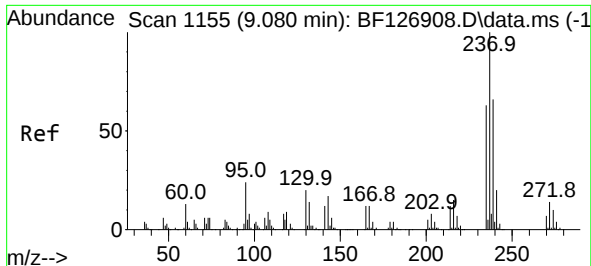
216 100

214 79.6 64.6 96.8

179 24.6 19.5 29.3

108 24.4 21.1 31.7

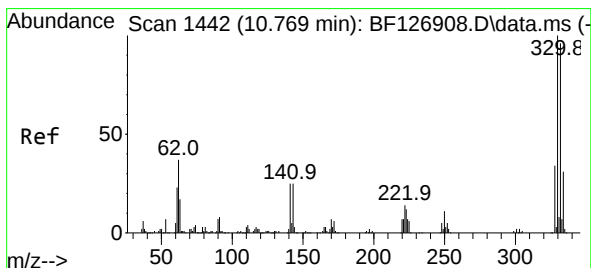
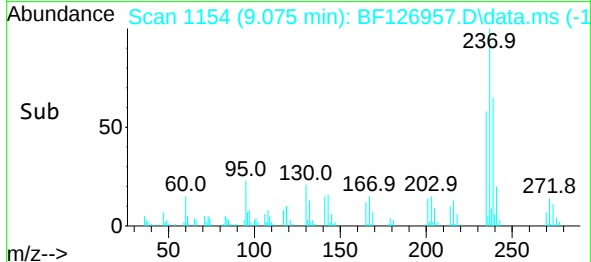
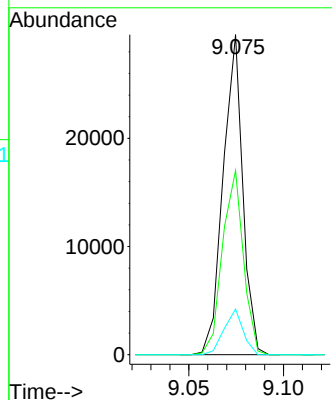
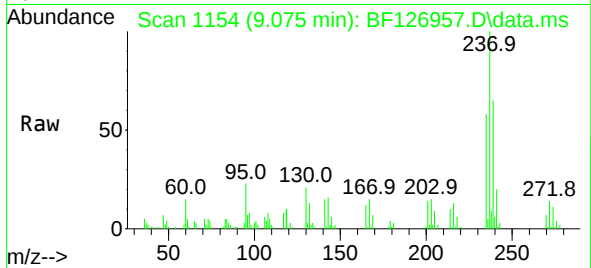




#41
Hexachlorocyclopentadiene
Concen: 7.238 ng
RT: 9.075 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

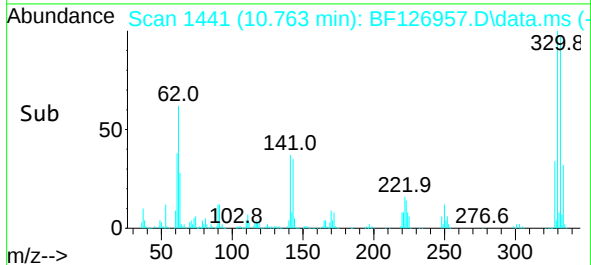
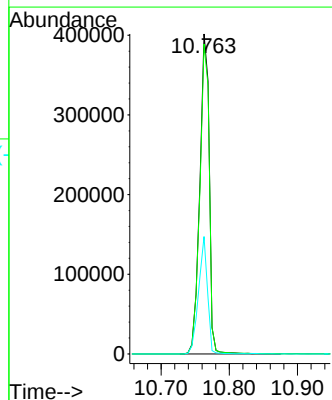
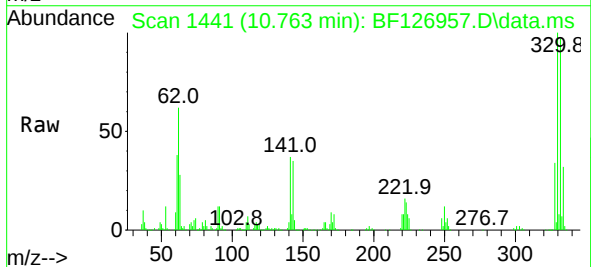
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

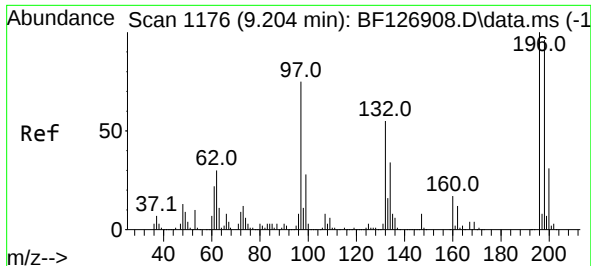
Tgt Ion:237 Resp: 21304
Ion Ratio Lower Upper
237 100
235 57.5 38.9 78.9
272 14.3 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 163.514 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:330 Resp: 388132
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 34.6 30.1 45.1

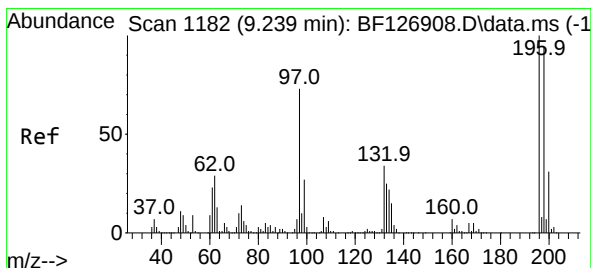
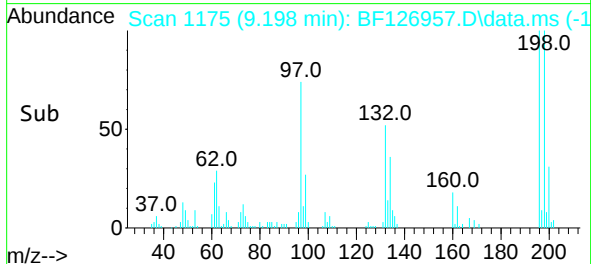
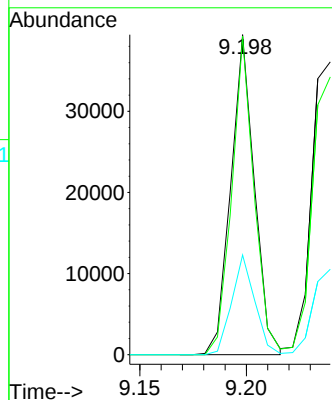
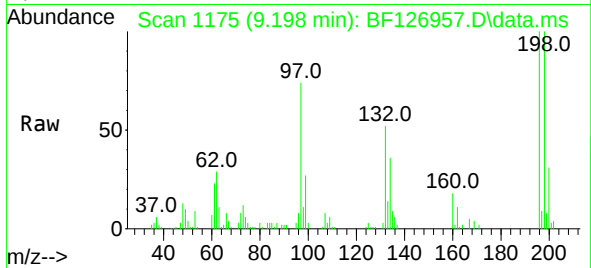




#43
2,4,6-Trichlorophenol
Concen: 7.662 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

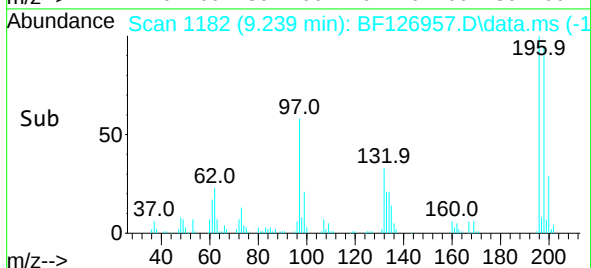
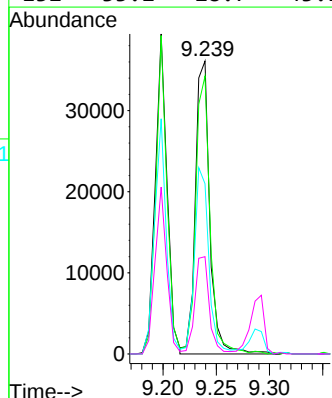
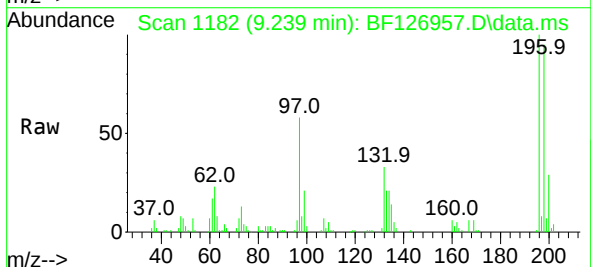
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

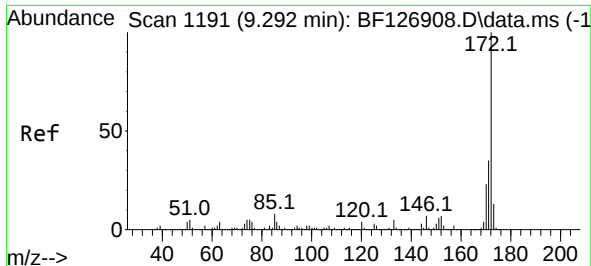
Tgt Ion:196 Resp: 30496
Ion Ratio Lower Upper
196 100
198 99.5 78.5 117.7
200 31.2 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 8.128 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:196 Resp: 34045
Ion Ratio Lower Upper
196 100
198 94.8 82.0 123.0
97 58.1 53.5 80.3
132 33.2 28.7 43.1

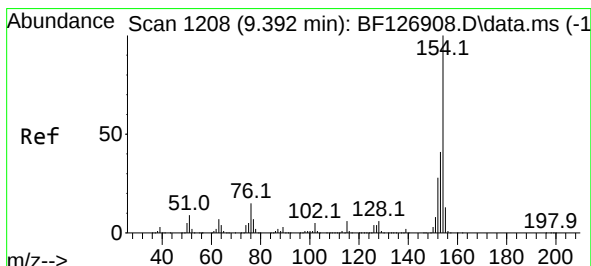
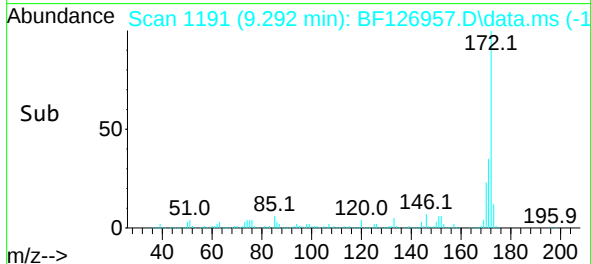
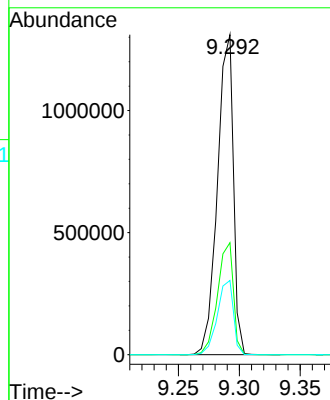
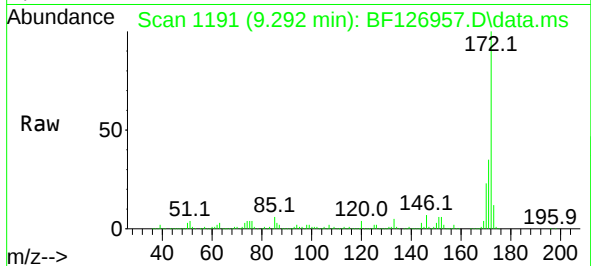




#45
2-Fluorobiphenyl
Concen: 85.580 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

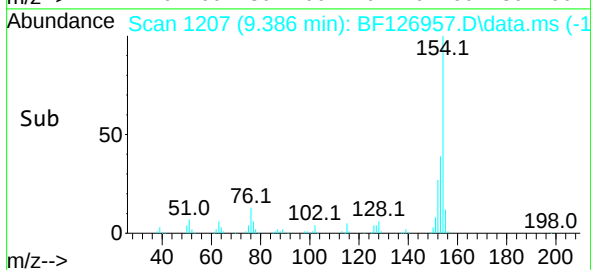
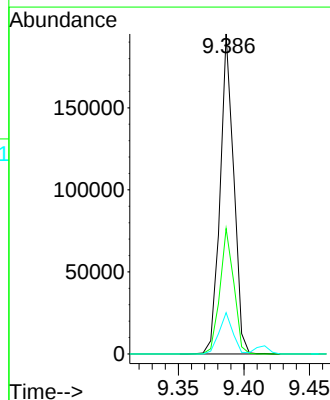
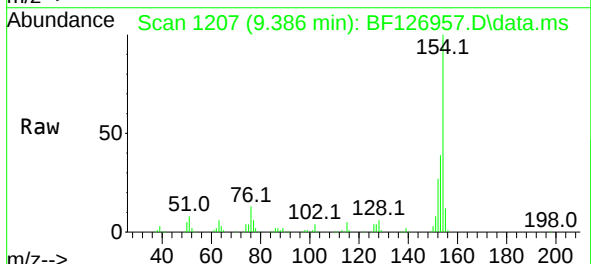
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:172 Resp: 1198483
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.2 19.0 28.6



#46
1,1'-Biphenyl
Concen: 8.596 ng
RT: 9.386 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:154 Resp: 140401
Ion Ratio Lower Upper
154 100
153 39.2 19.0 59.0
76 12.9 0.0 34.5





#47

2-Chloronaphthalene

Concen: 8.020 ng

RT: 9.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

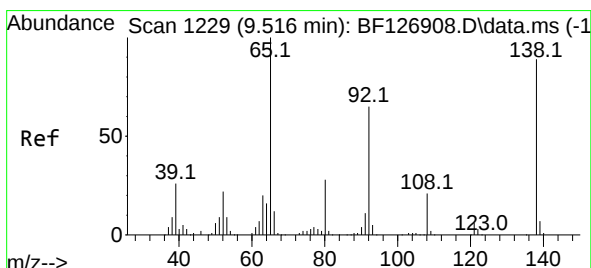
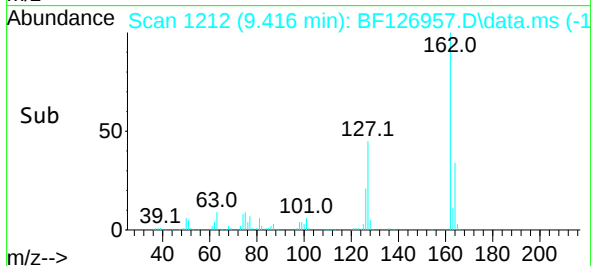
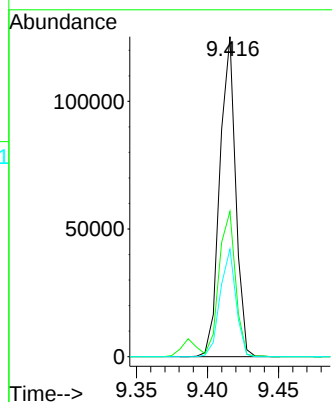
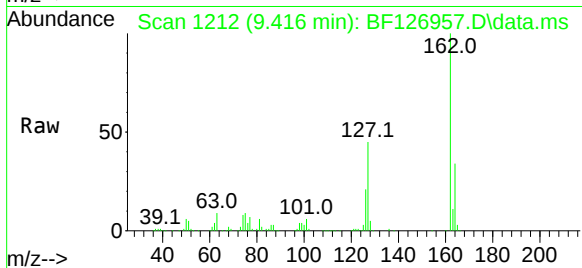
Tgt Ion:162 Resp: 97139

Ion Ratio Lower Upper

162 100

127 45.4 33.5 50.3

164 33.7 26.2 39.4



#48

2-Nitroaniline

Concen: 7.903 ng

RT: 9.504 min Scan# 1227

Delta R.T. -0.012 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

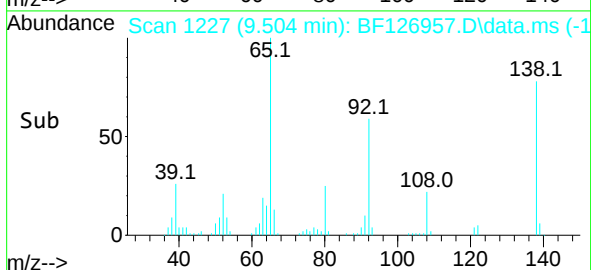
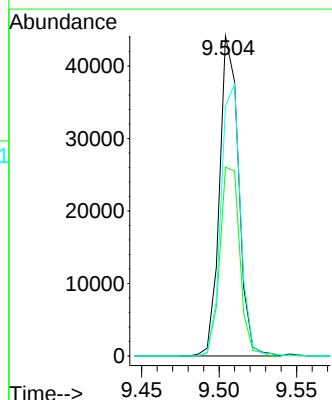
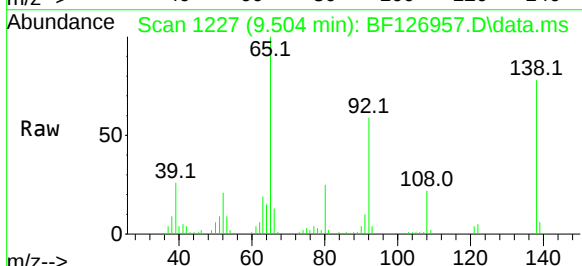
Tgt Ion: 65 Resp: 37777

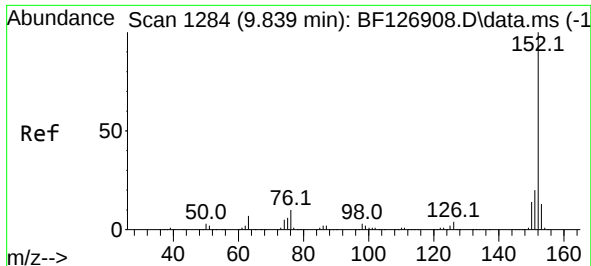
Ion Ratio Lower Upper

65 100

92 59.0 54.4 81.6

138 78.1 72.5 108.7





#49

Acenaphthylene

Concen: 8.861 ng

RT: 9.828 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126957.D

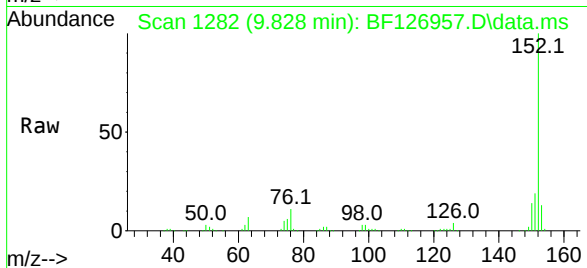
Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021



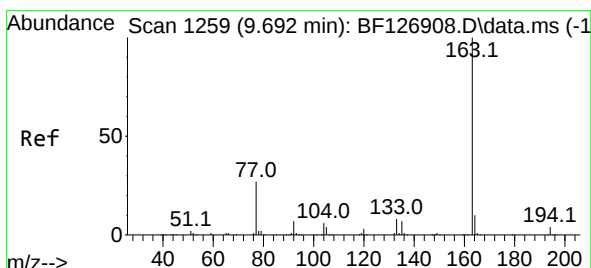
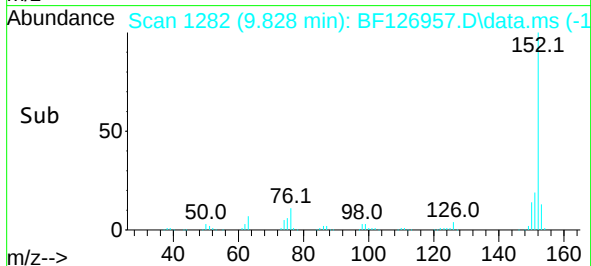
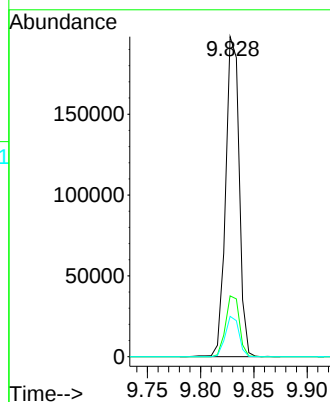
Tgt Ion:152 Resp: 174336

Ion Ratio Lower Upper

152 100

151 19.0 15.7 23.5

153 12.6 11.4 17.0



#50

Dimethylphthalate

Concen: 8.065 ng

RT: 9.681 min Scan# 1257

Delta R.T. -0.012 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

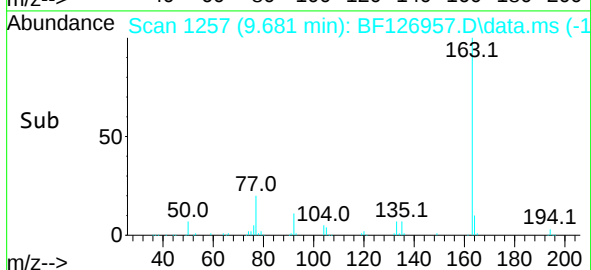
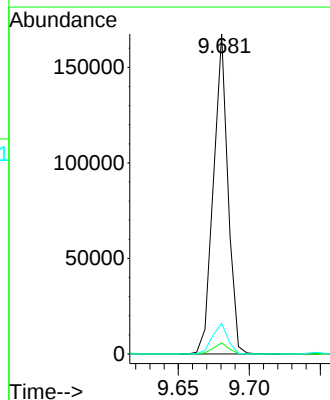
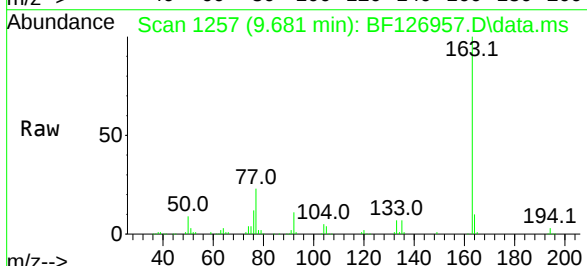
Tgt Ion:163 Resp: 118844

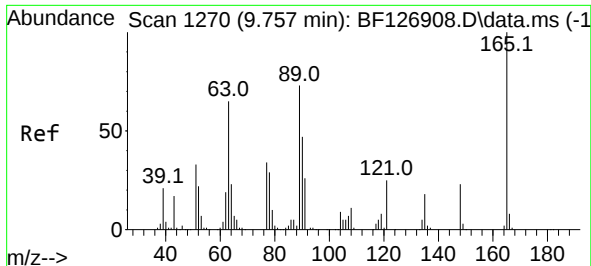
Ion Ratio Lower Upper

163 100

194 3.4 2.6 3.8

164 9.5 7.8 11.8

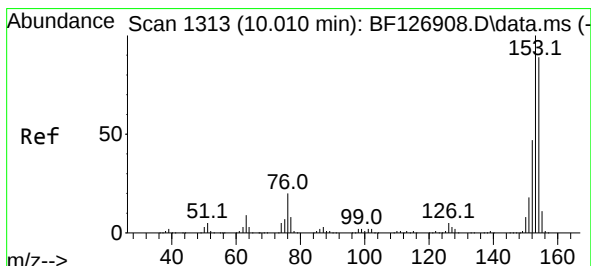
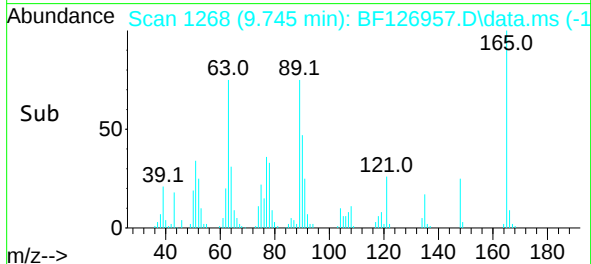
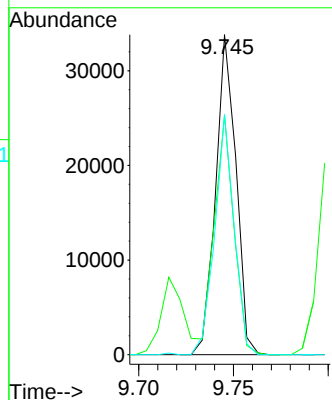
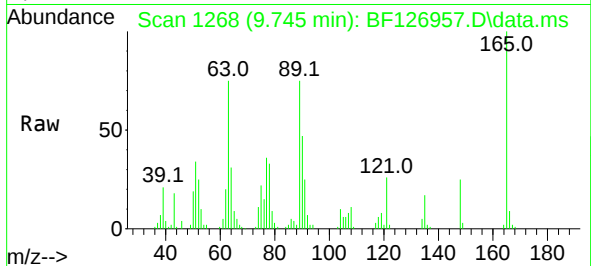




#51
2,6-Dinitrotoluene
Concen: 8.422 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

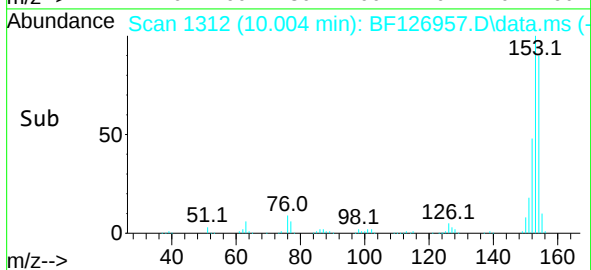
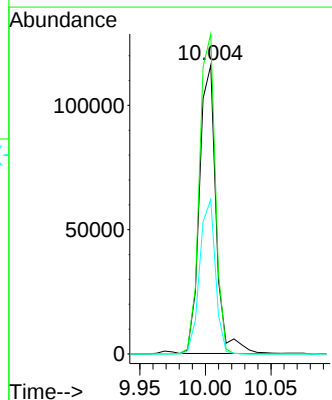
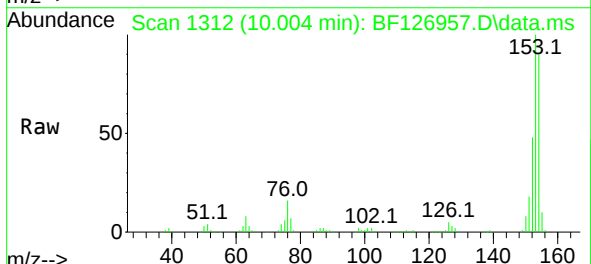
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

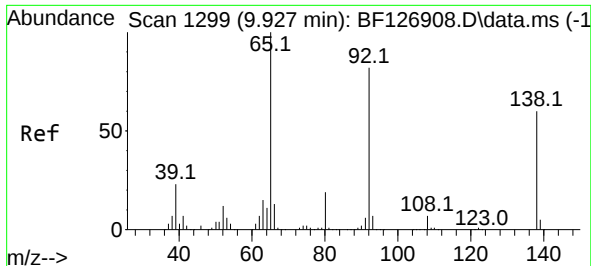
Tgt Ion:165 Resp: 25249
Ion Ratio Lower Upper
165 100
63 74.8 48.4 72.6#
89 75.1 50.5 75.7



#52
Acenaphthene
Concen: 8.013 ng
RT: 10.004 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:154 Resp: 102533
Ion Ratio Lower Upper
154 100
153 110.9 87.8 131.6
152 53.5 39.4 59.2

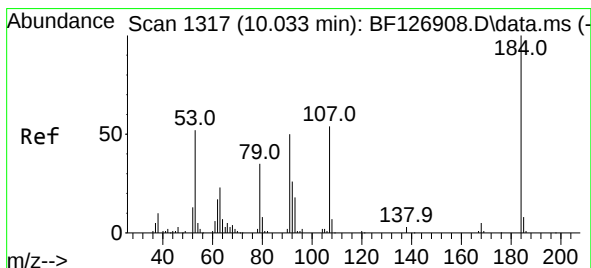
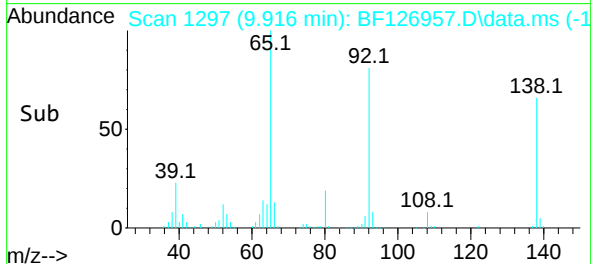
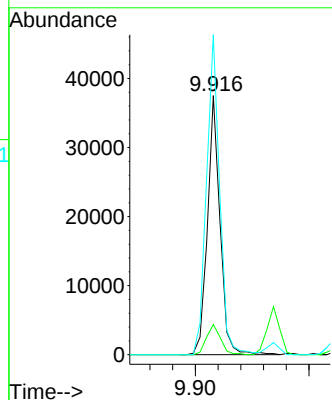
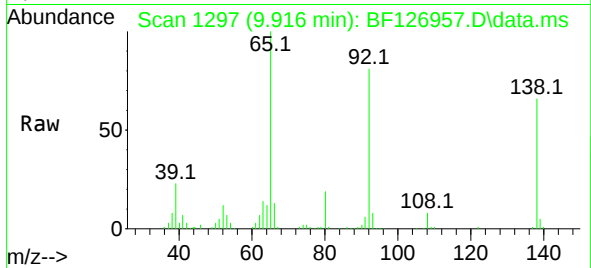




#53
3-Nitroaniline
Concen: 7.844 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

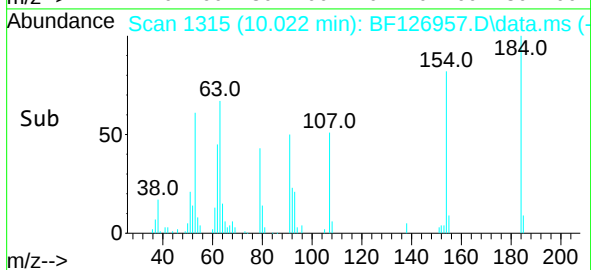
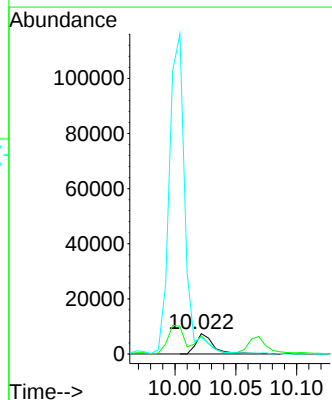
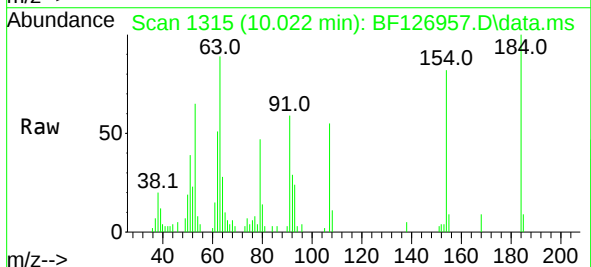
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

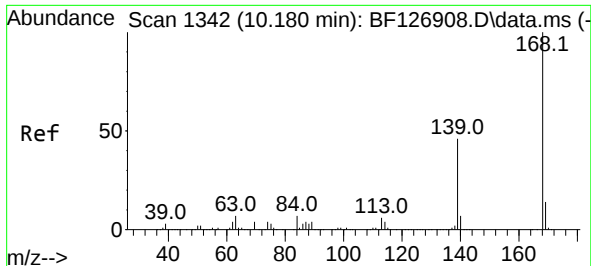
Tgt Ion:138 Resp: 28747
Ion Ratio Lower Upper
138 100
108 11.7 8.6 13.0
92 123.5 105.0 157.6



#54
2,4-Dinitrophenol
Concen: 4.612 ng
RT: 10.022 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:184 Resp: 7319
Ion Ratio Lower Upper
184 100
63 89.0 70.4 105.6
154 82.4 49.7 74.5#

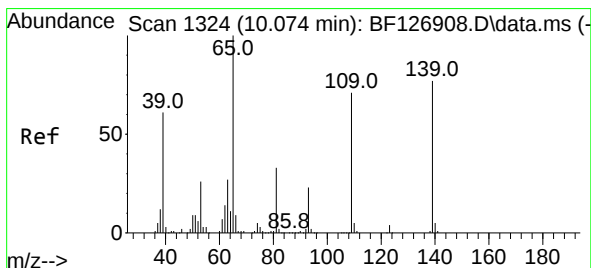
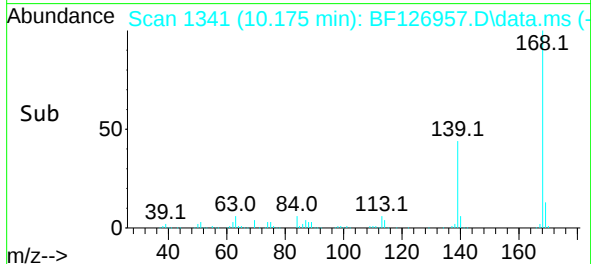
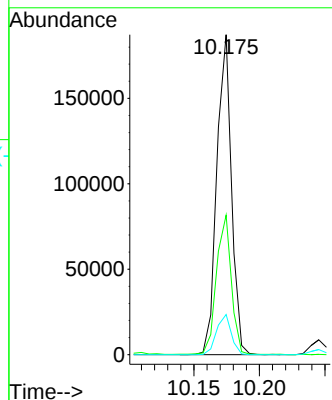
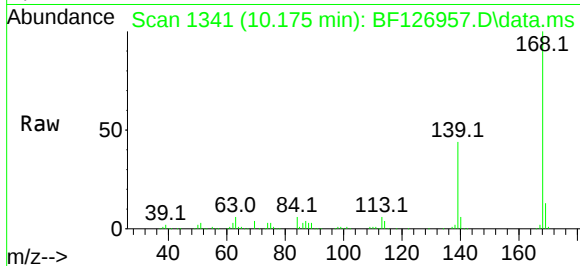




#55
Dibenzenofuran
Concen: 8.252 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

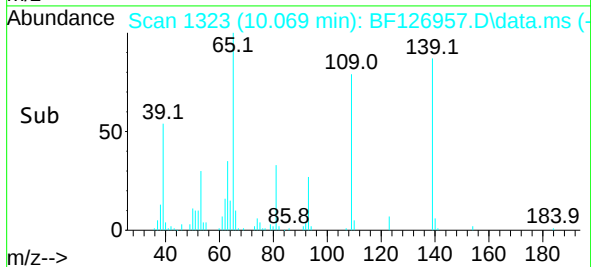
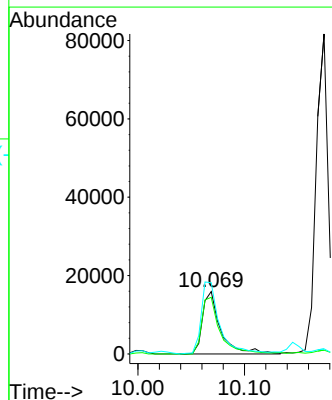
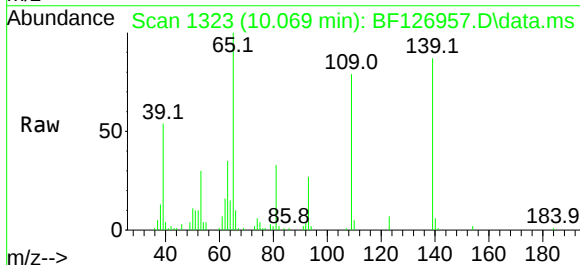
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

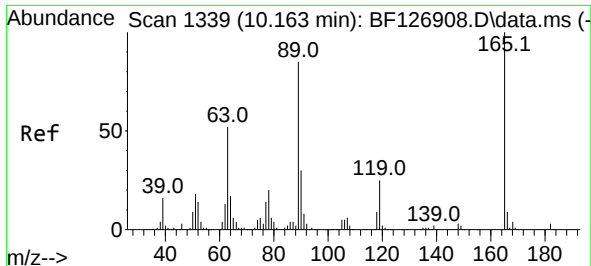
Tgt Ion:168 Resp: 145199
Ion Ratio Lower Upper
168 100
139 43.6 30.6 46.0
169 12.6 10.0 15.0



#56
4-Nitrophenol
Concen: 6.948 ng
RT: 10.069 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:139 Resp: 18806
Ion Ratio Lower Upper
139 100
109 90.8 44.1 84.1#
65 114.4 85.5 125.5

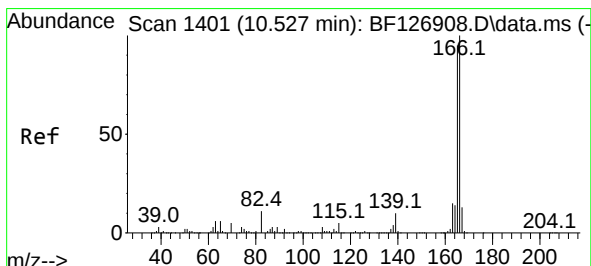
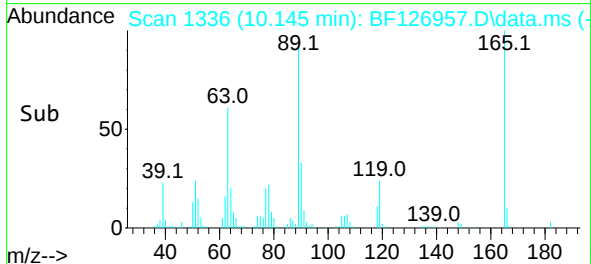
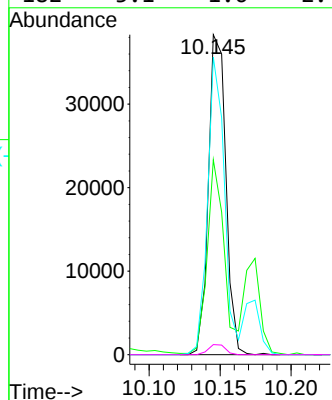
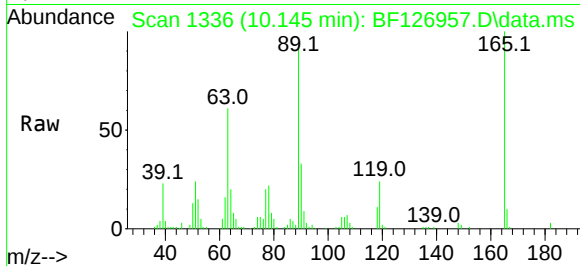




#57
2,4-Dinitrotoluene
Concen: 8.105 ng
RT: 10.145 min Scan# 1336
Delta R.T. -0.017 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

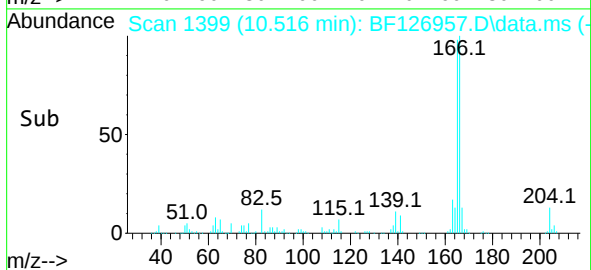
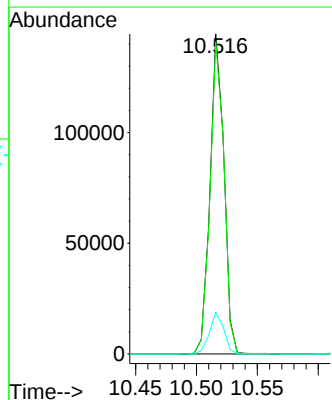
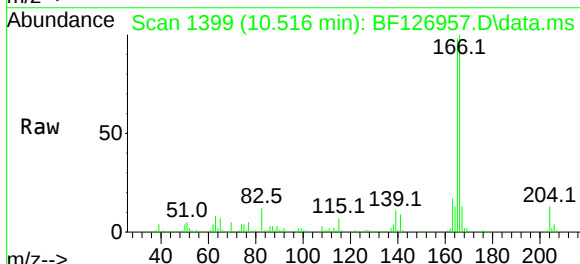
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

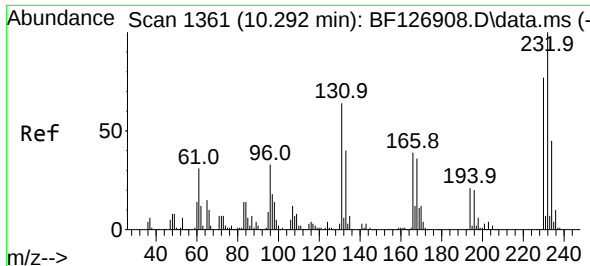
Tgt Ion:165 Resp: 32857
Ion Ratio Lower Upper
165 100
63 60.9 43.0 64.6
89 93.0 71.0 106.4
182 3.1 1.6 2.4#



#58
Fluorene
Concen: 8.346 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:166 Resp: 114391
Ion Ratio Lower Upper
166 100
165 97.6 77.7 116.5
167 13.0 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.794 ng

RT: 10.286 min Scan# 1360

Delta R.T. -0.006 min

Lab File: BF126957.D

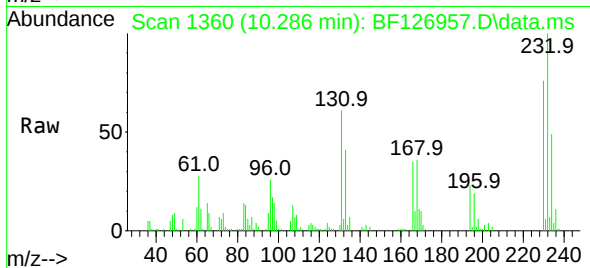
Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021



Tgt Ion:232 Resp: 25880

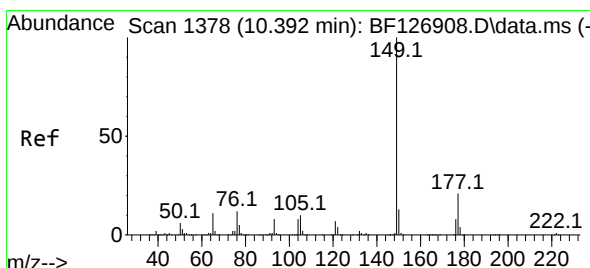
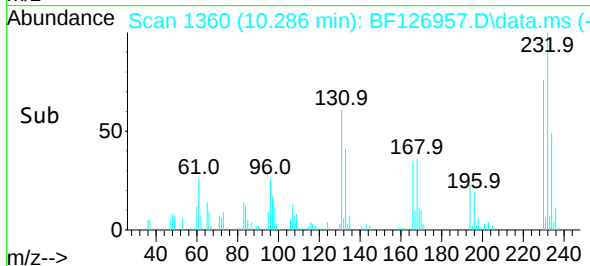
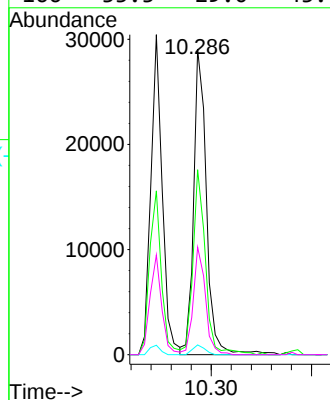
Ion Ratio Lower Upper

232 100

131 58.9 50.0 75.0

130 3.0 2.2 3.2

166 33.3 29.0 43.4



#60

Diethylphthalate

Concen: 8.450 ng

RT: 10.380 min Scan# 1376

Delta R.T. -0.012 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

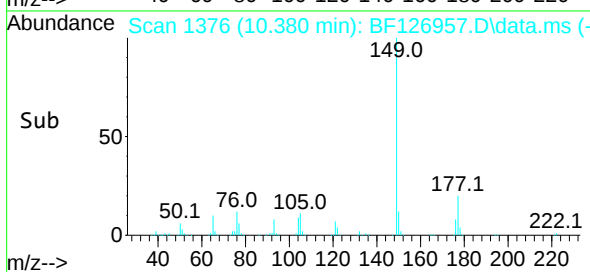
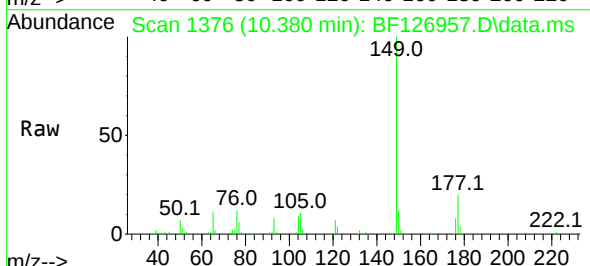
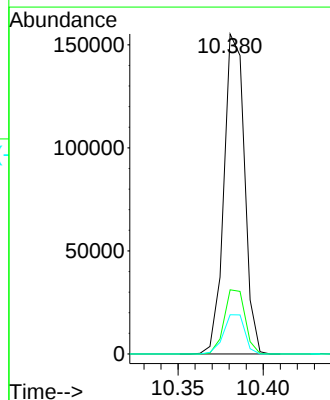
Tgt Ion:149 Resp: 130110

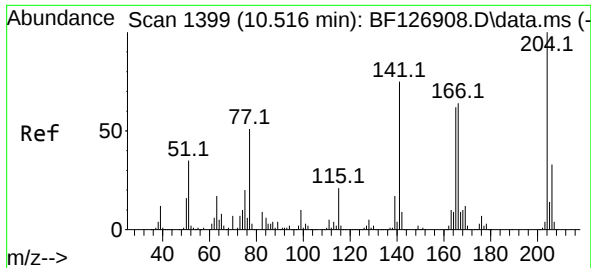
Ion Ratio Lower Upper

149 100

177 20.0 16.7 25.1

150 12.3 9.8 14.8

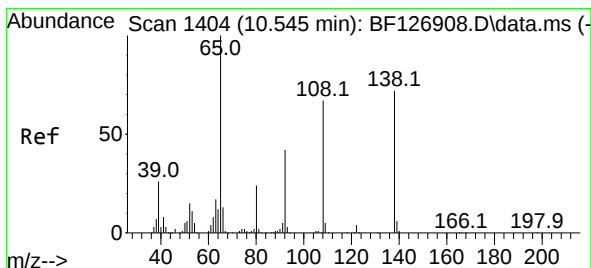
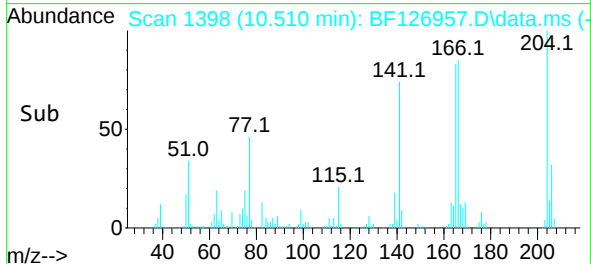
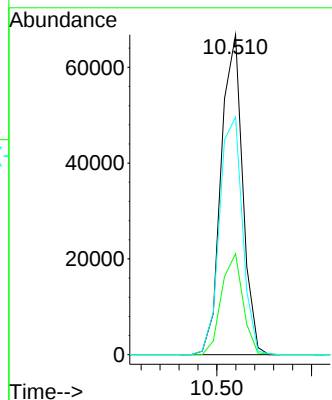
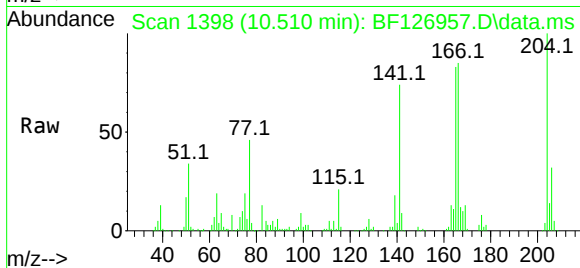




#61
4-Chlorophenyl-phenylether
Concen: 8.168 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

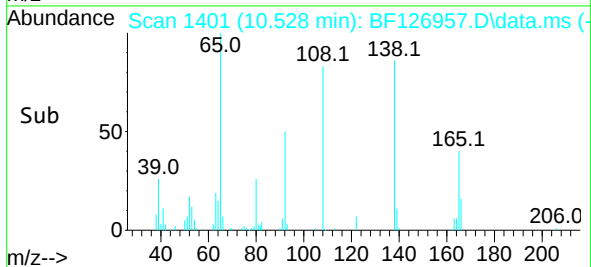
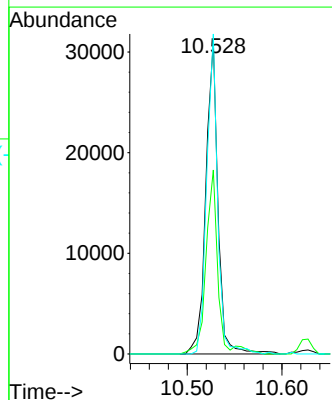
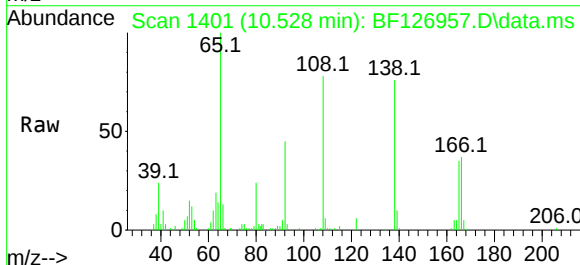
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

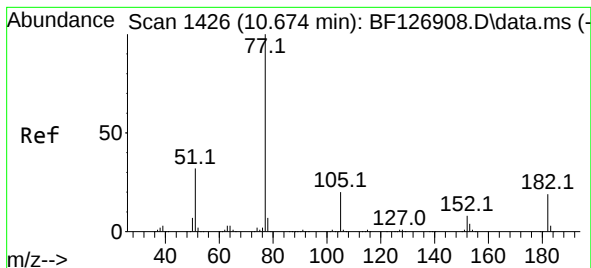
Tgt Ion:204 Resp: 52789
Ion Ratio Lower Upper
204 100
206 31.5 26.3 39.5
141 74.3 59.0 88.6



#62
4-Nitroaniline
Concen: 7.624 ng
RT: 10.528 min Scan# 1401
Delta R.T. -0.017 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:138 Resp: 27591
Ion Ratio Lower Upper
138 100
92 58.9 36.2 76.2
108 102.4 46.7 86.7#





#63

Azobenzene

Concen: 7.899 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF126957.D

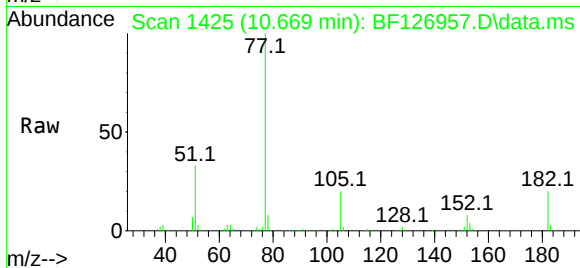
Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021



Tgt Ion: 77 Resp: 135434

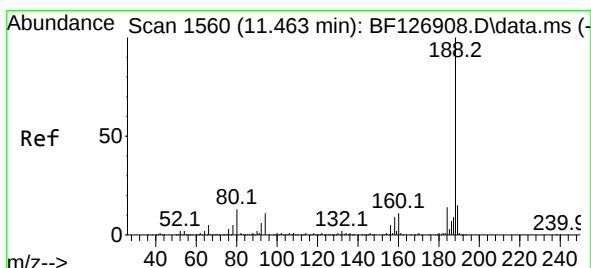
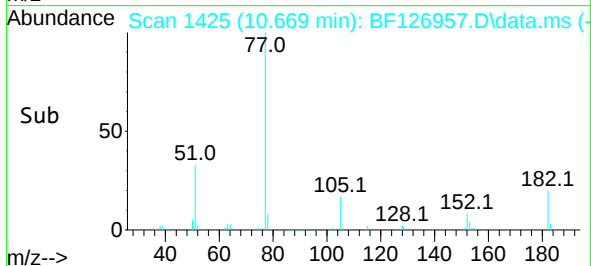
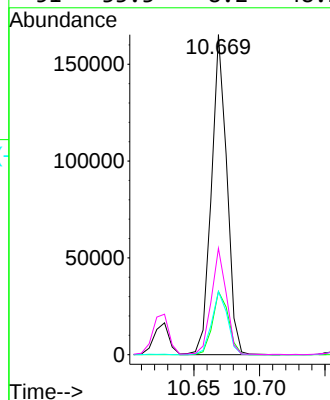
Ion Ratio Lower Upper

77 100

182 19.7 0.0 39.0

105 19.7 3.2 43.2

51 33.3 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.463 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

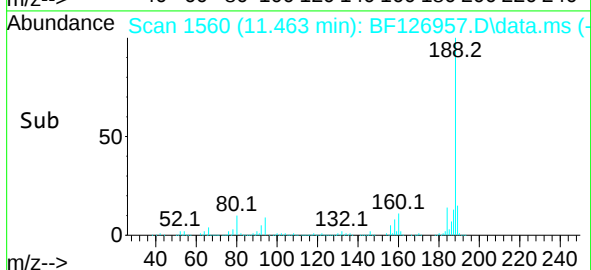
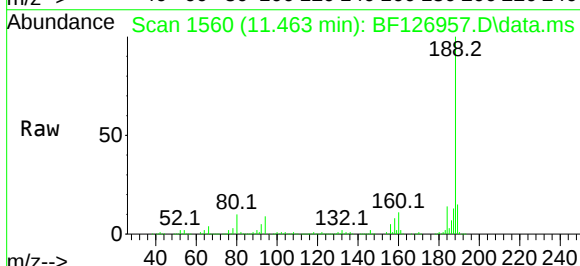
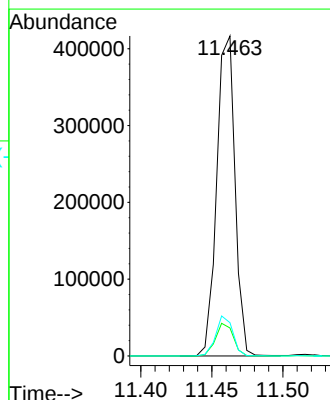
Tgt Ion: 188 Resp: 373227

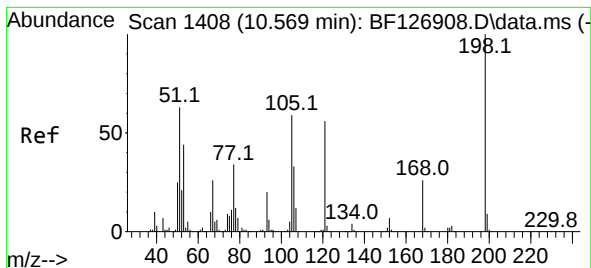
Ion Ratio Lower Upper

188 100

94 8.7 10.1 15.1#

80 10.4 11.8 17.6#

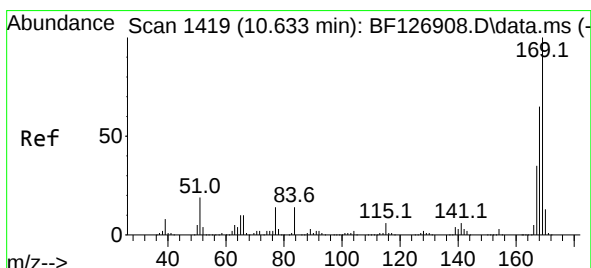
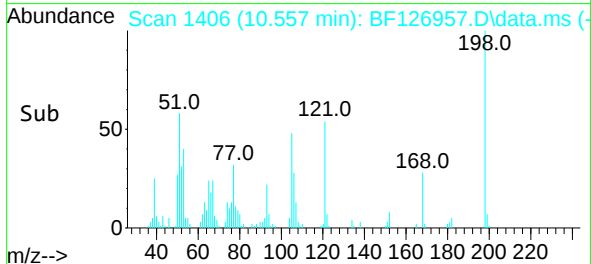
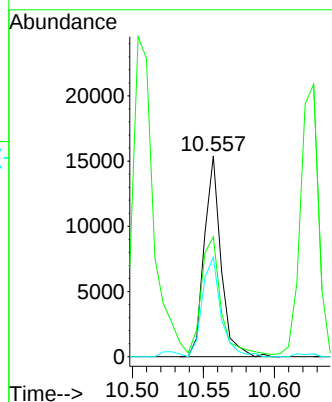
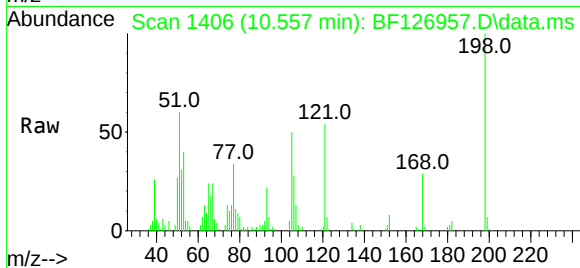




#65
4,6-Dinitro-2-methylphenol
Concen: 5.739 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

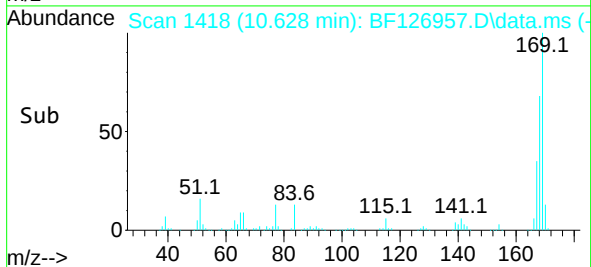
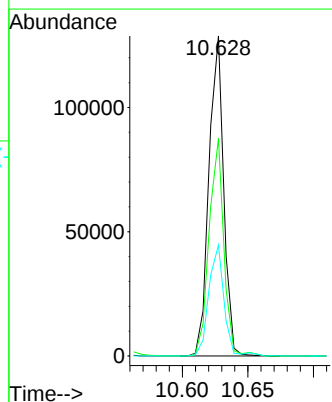
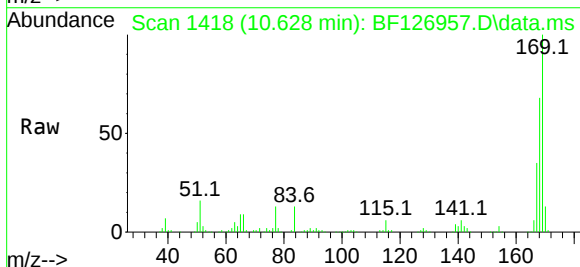
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

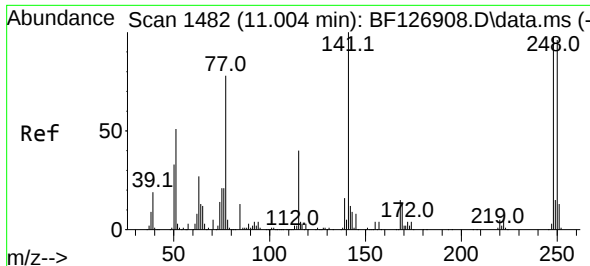
Tgt Ion:198 Resp: 12586
Ion Ratio Lower Upper
198 100
51 59.7 32.0 72.0
105 49.6 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 8.243 ng
RT: 10.628 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:169 Resp: 100885
Ion Ratio Lower Upper
169 100
168 68.0 53.4 80.0
167 34.6 29.4 44.0

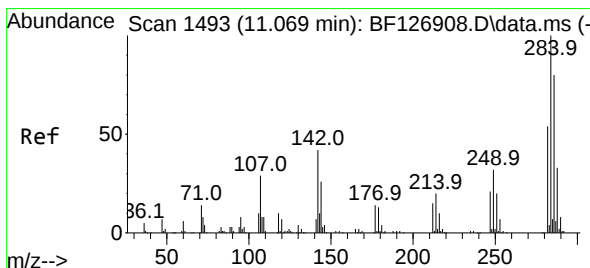
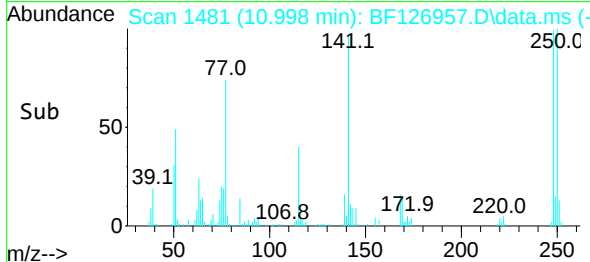
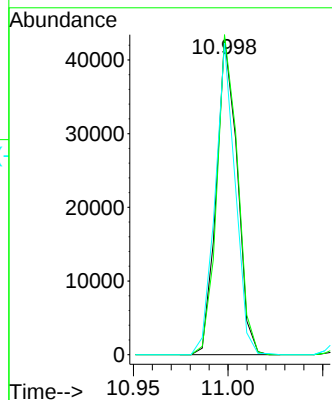
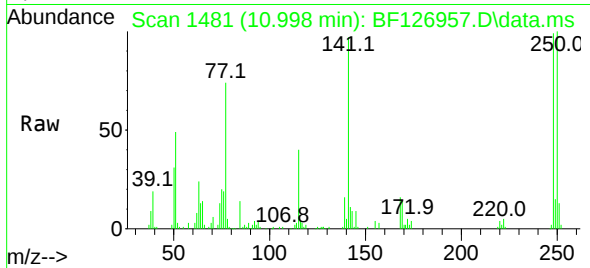




#67
4-Bromophenyl-phenylether
Concen: 7.913 ng
RT: 10.998 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

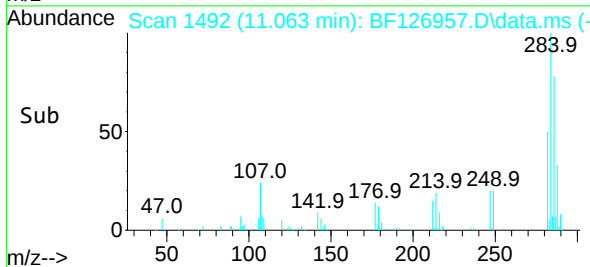
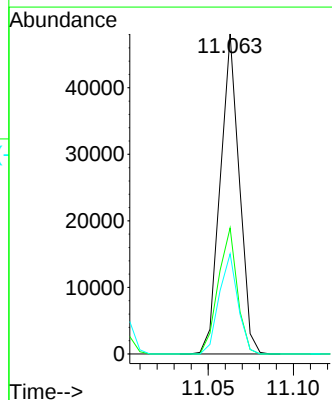
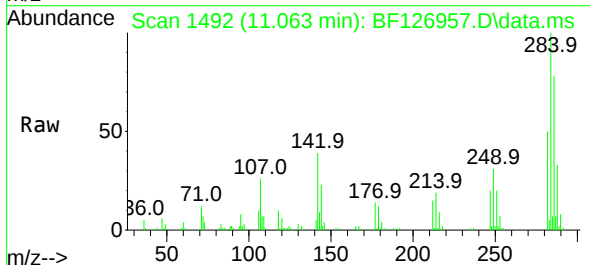
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

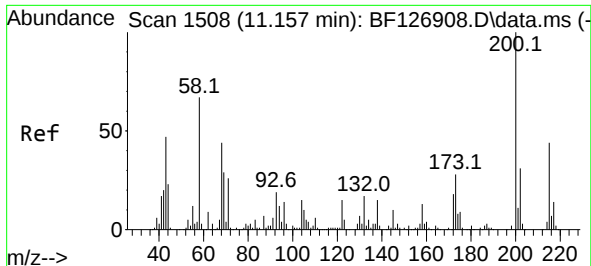
Tgt Ion:248 Resp: 32998
Ion Ratio Lower Upper
248 100
250 101.0 76.2 114.4
141 98.3 66.2 99.4



#68
Hexachlorobenzene
Concen: 8.324 ng
RT: 11.063 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:284 Resp: 37370
Ion Ratio Lower Upper
284 100
142 39.4 30.7 46.1
249 31.3 21.1 31.7

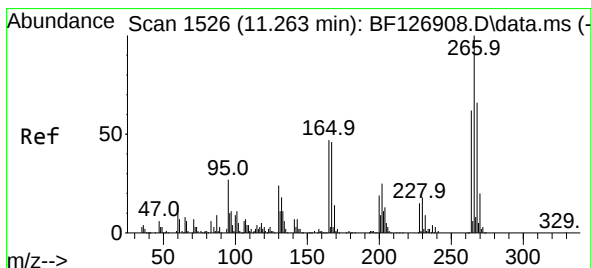
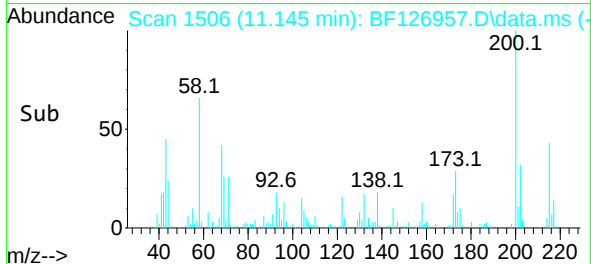
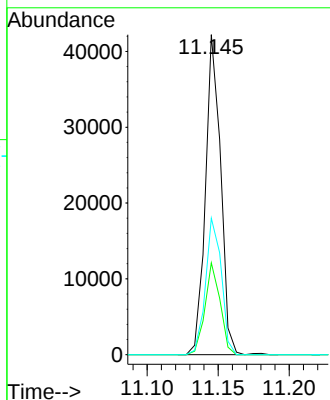
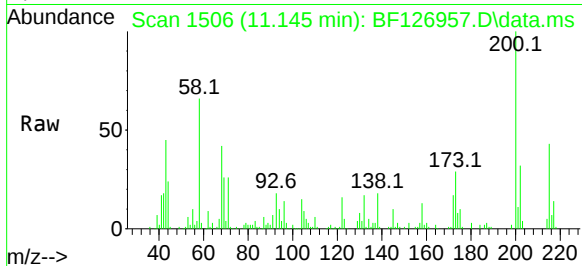




#69
Atrazine
Concen: 8.295 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

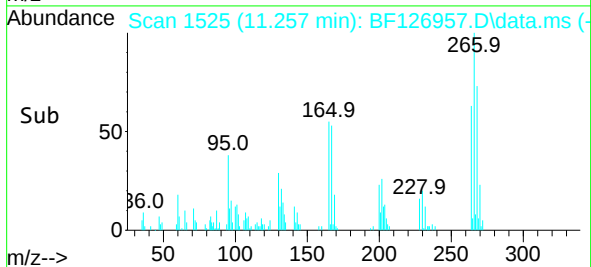
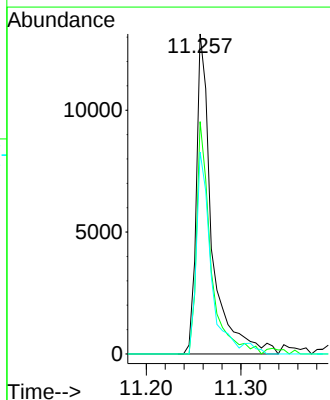
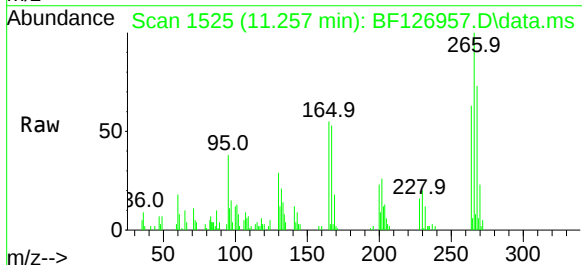
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

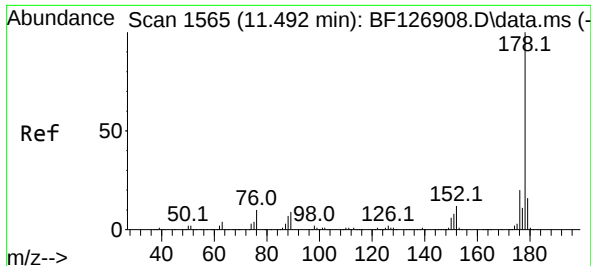
Tgt Ion:200 Resp: 31486
Ion Ratio Lower Upper
200 100
173 28.7 9.2 49.2
215 42.6 23.2 63.2



#70
Pentachlorophenol
Concen: 6.139 ng
RT: 11.257 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:266 Resp: 15044
Ion Ratio Lower Upper
266 100
268 72.6 52.3 78.5
264 63.1 50.4 75.6

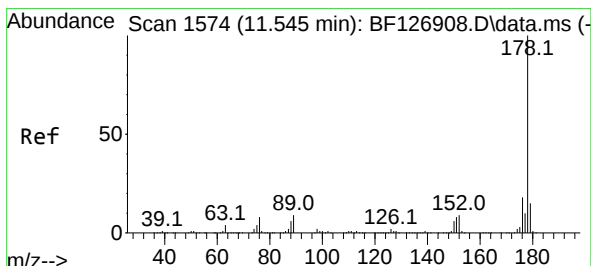
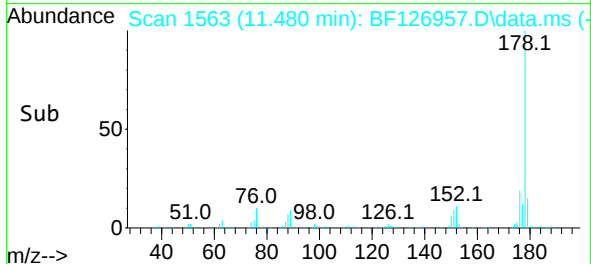
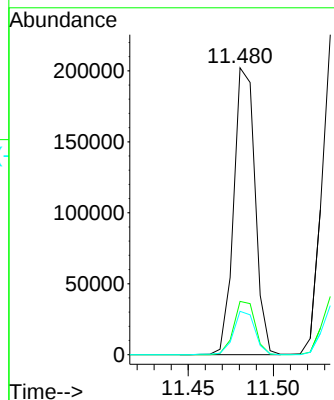
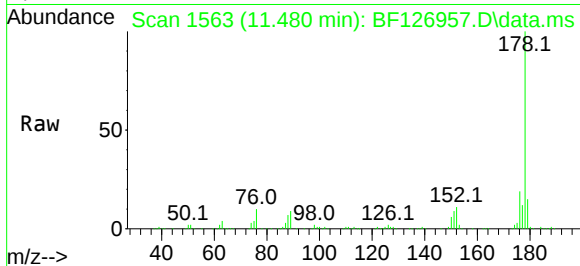




#71
Phenanthrene
Concen: 8.408 ng
RT: 11.480 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

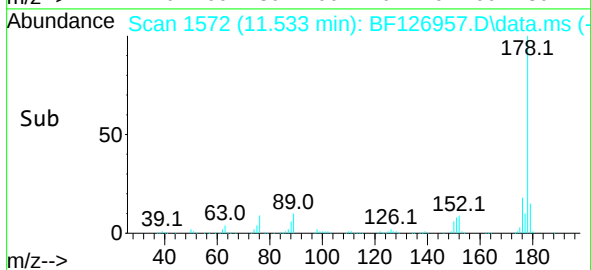
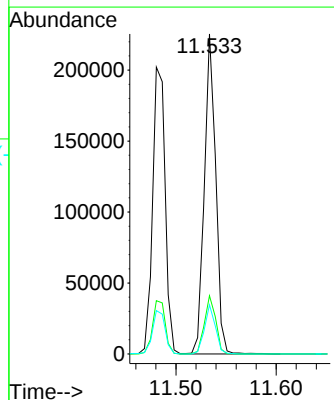
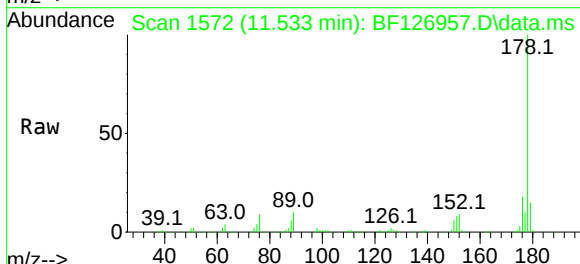
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

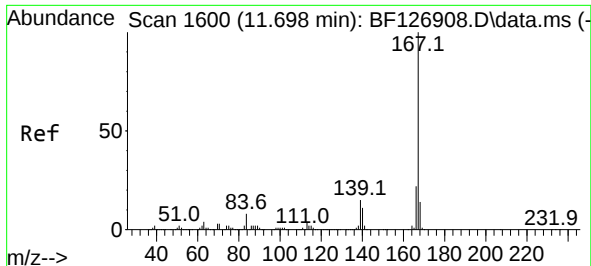
Tgt Ion:178 Resp: 175636
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 15.1 12.3 18.5



#72
Anthracene
Concen: 8.610 ng
RT: 11.533 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:178 Resp: 179063
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 15.4 12.5 18.7

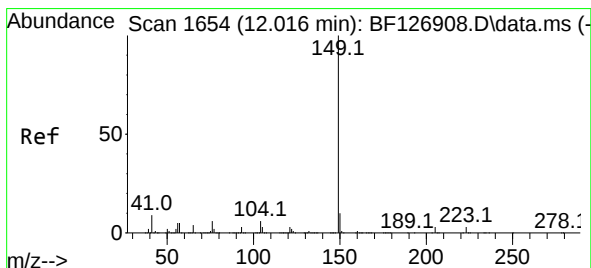
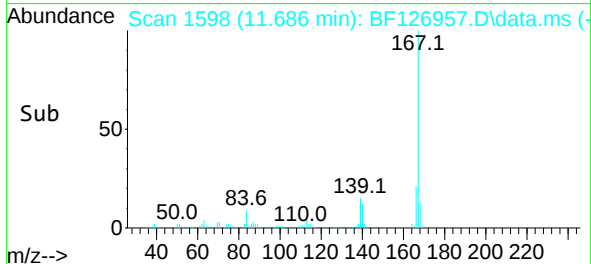
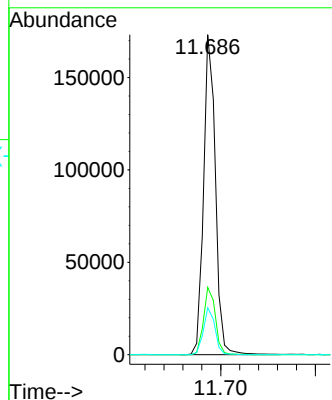
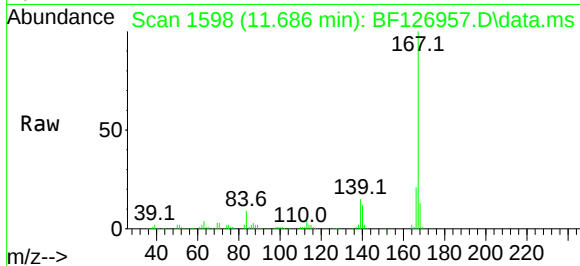




#73
 Carbazole
 Concen: 7.905 ng
 RT: 11.686 min Scan# 1598
 Delta R.T. -0.012 min
 Lab File: BF126957.D
 Acq: 18 Feb 2022 17:37

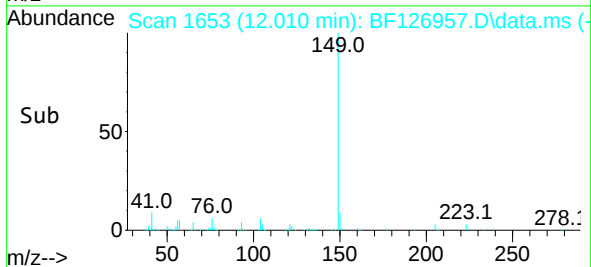
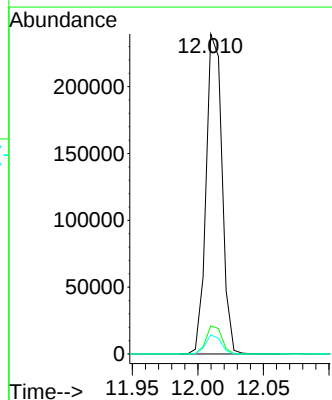
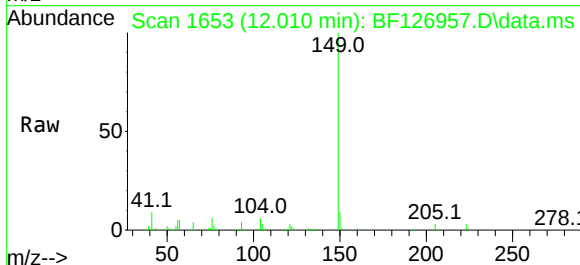
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT4-2021

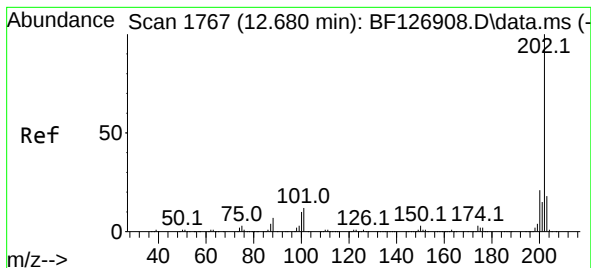
Tgt Ion:167 Resp: 150751
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.9 25.3
 139 14.7 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 8.271 ng
 RT: 12.010 min Scan# 1653
 Delta R.T. -0.006 min
 Lab File: BF126957.D
 Acq: 18 Feb 2022 17:37

Tgt Ion:149 Resp: 202798
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.2 10.8
 104 6.0 4.2 6.2





#75

Fluoranthene

Concen: 8.547 ng

RT: 12.674 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

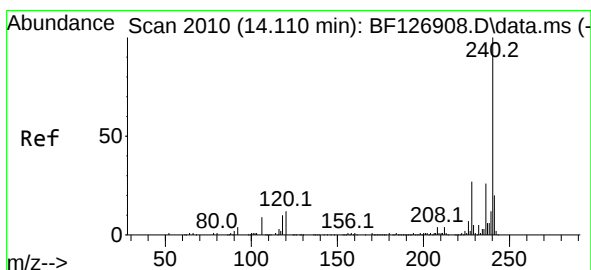
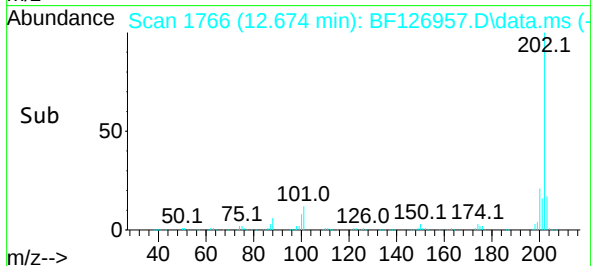
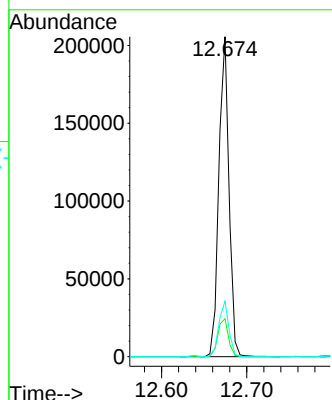
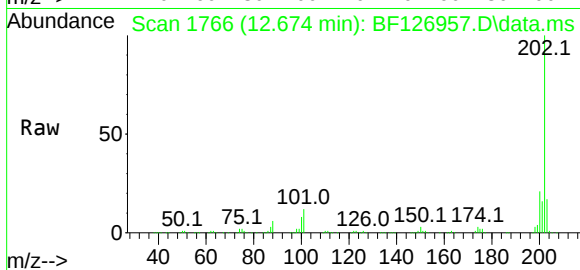
Tgt Ion:202 Resp: 169524

Ion Ratio Lower Upper

202 100

101 11.8 0.0 35.7

203 17.3 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

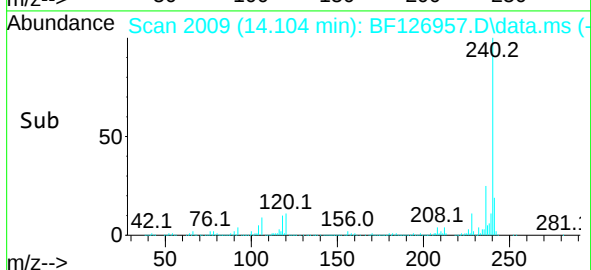
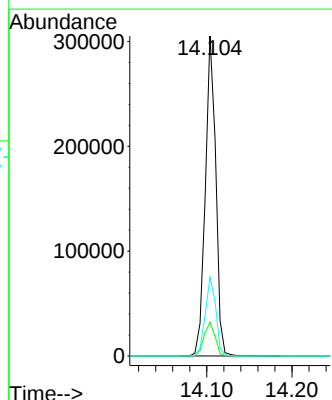
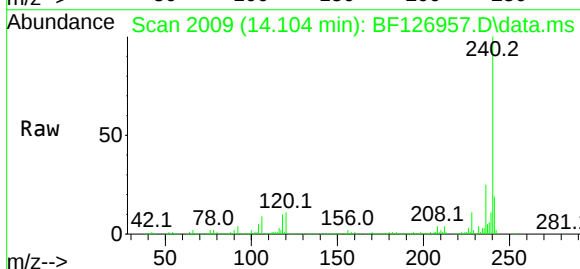
Tgt Ion:240 Resp: 259539

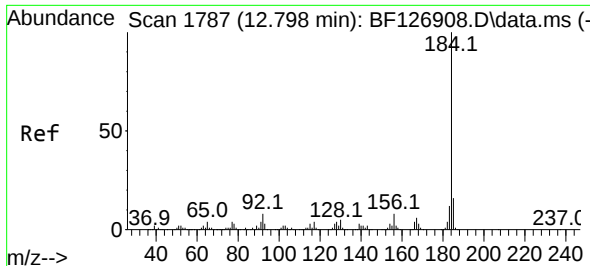
Ion Ratio Lower Upper

240 100

120 10.5 14.4 21.6#

236 24.7 20.5 30.7

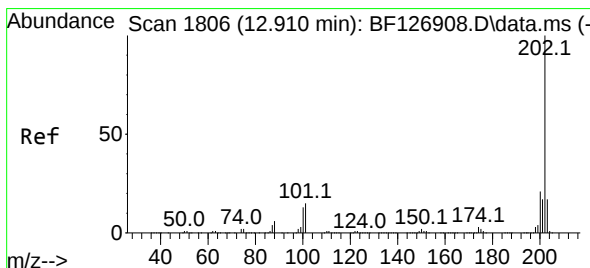
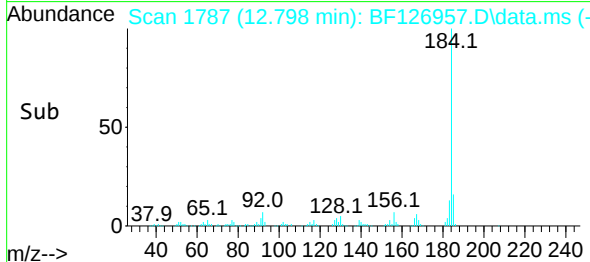
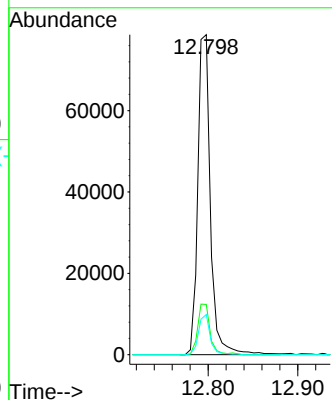
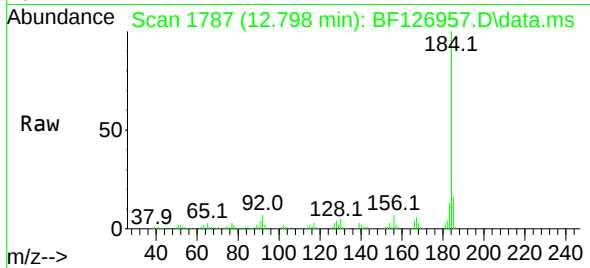




#77
Benzidine
Concen: 10.872 ng
RT: 12.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

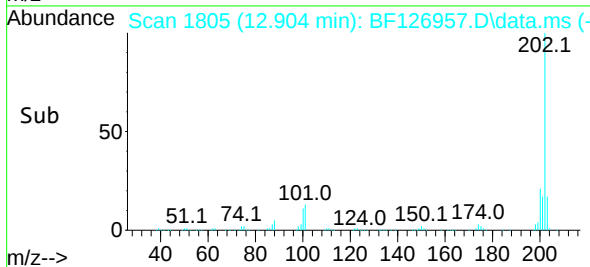
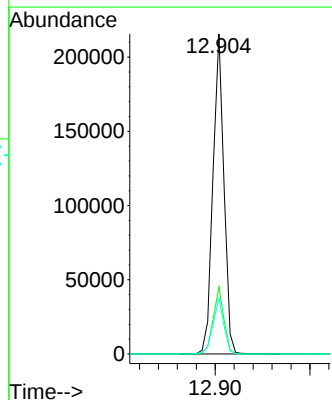
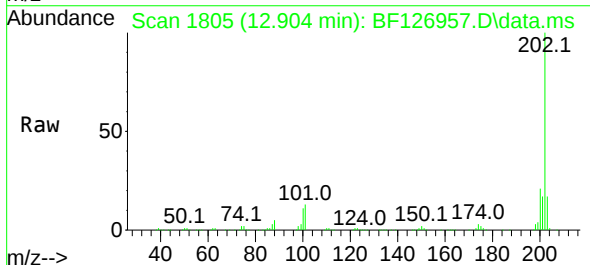
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

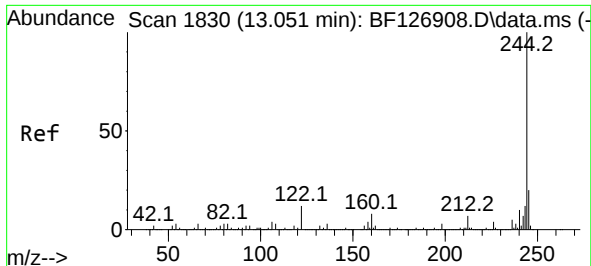
Tgt Ion:184 Resp: 76683
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.8
183 12.6 8.2 12.2#



#78
Pyrene
Concen: 7.645 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:202 Resp: 172390
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.3 13.8 20.8

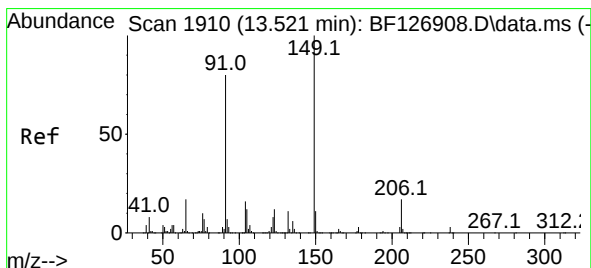
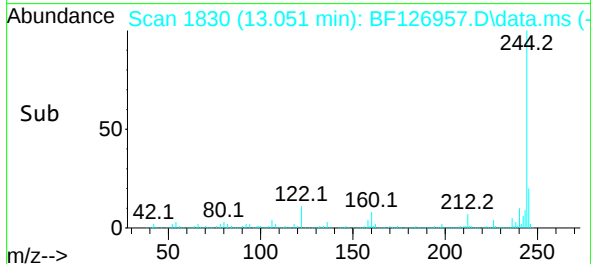
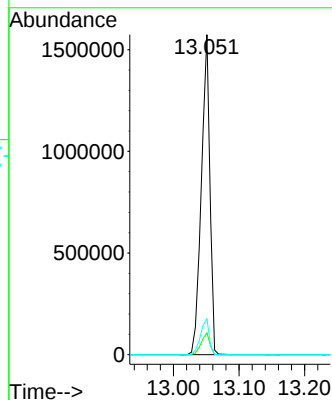
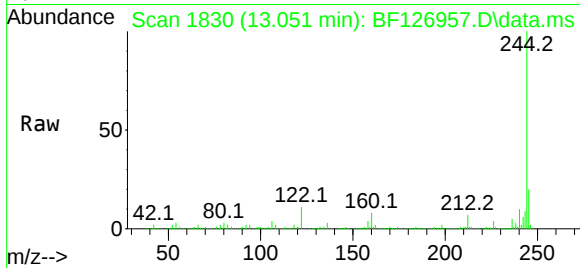




#79
Terphenyl-d14
Concen: 80.828 ng
RT: 13.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

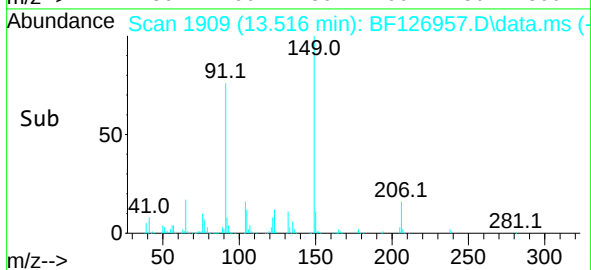
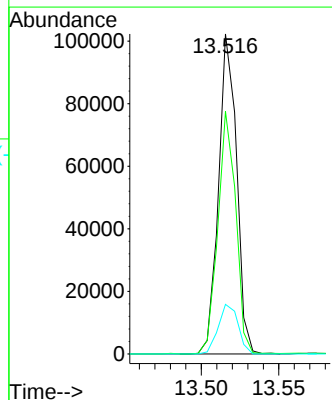
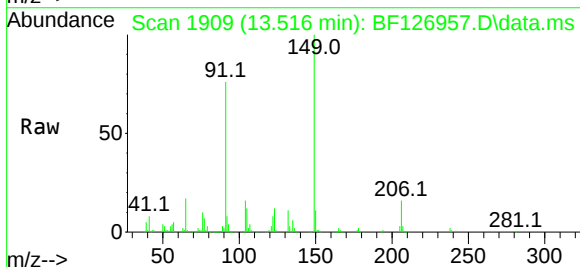
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

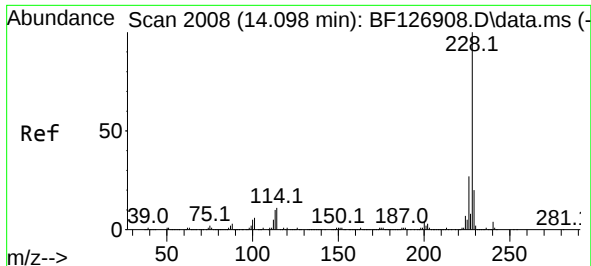
Tgt Ion:244 Resp: 1427037
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 11.2 13.3 19.9#



#80
Butylbenzylphthalate
Concen: 7.763 ng
RT: 13.516 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

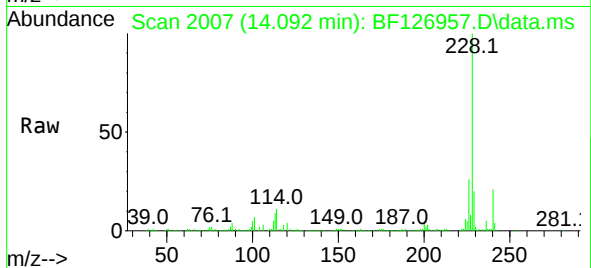
Tgt Ion:149 Resp: 82870
Ion Ratio Lower Upper
149 100
91 75.8 70.5 105.7
206 15.5 12.6 19.0



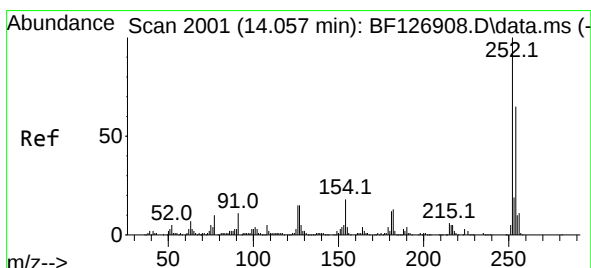
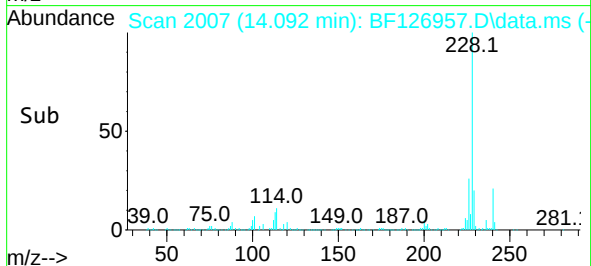
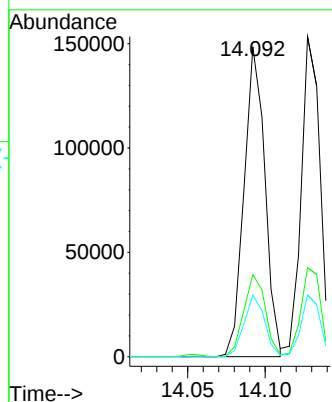


#81
Benzo(a)anthracene
Concen: 7.944 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

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

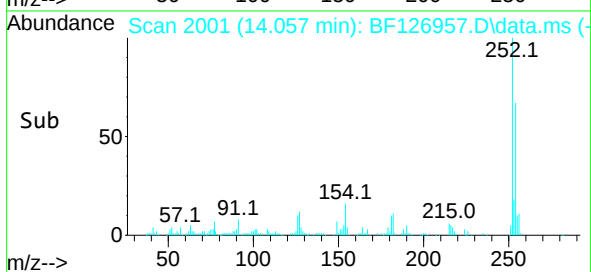
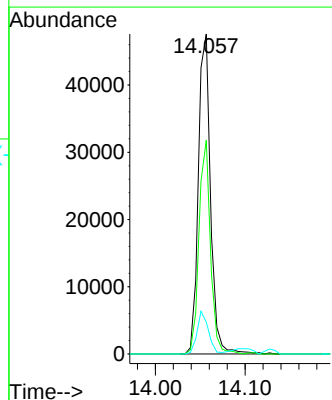
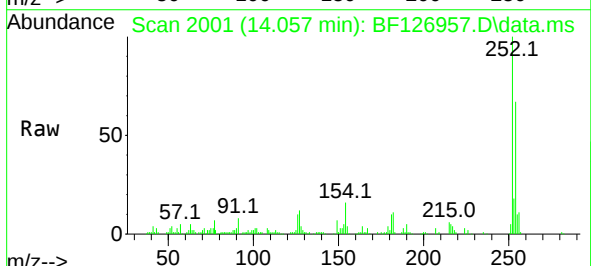


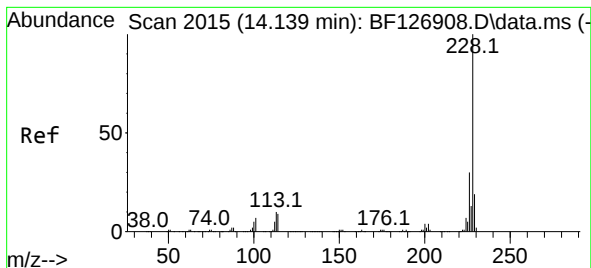
Tgt Ion:228 Resp: 138999
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 19.9 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 8.161 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:252 Resp: 44999
Ion Ratio Lower Upper
252 100
254 66.8 51.0 76.4
126 9.9 13.4 20.0#





#83

Chrysene

Concen: 7.914 ng

RT: 14.127 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

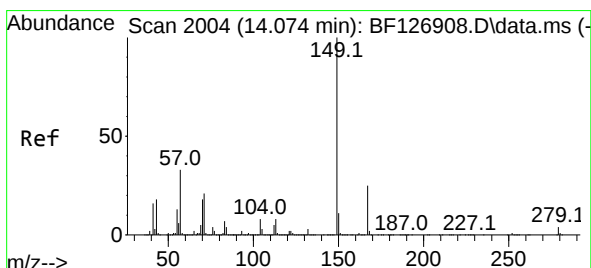
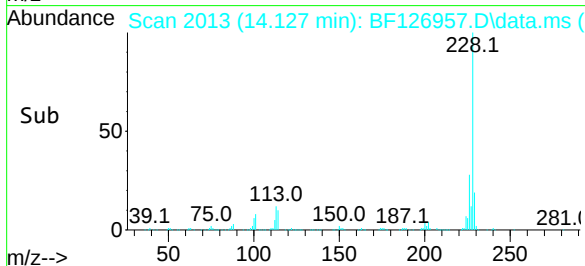
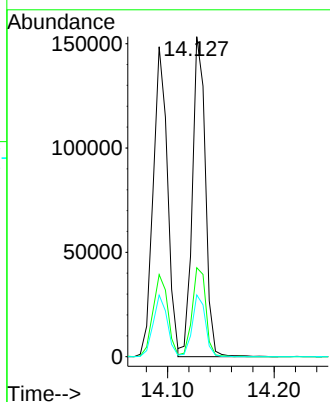
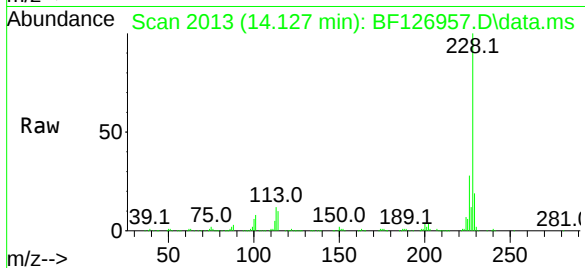
Tgt Ion:228 Resp: 130219

Ion Ratio Lower Upper

228 100

226 27.8 23.7 35.5

229 19.3 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.036 ng

RT: 14.074 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

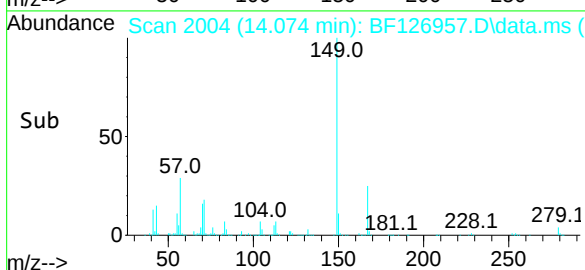
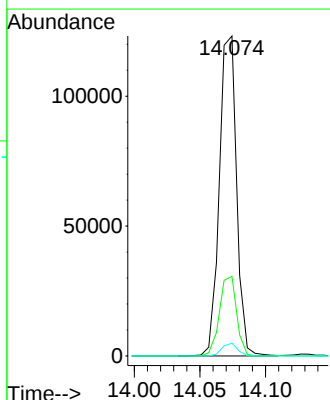
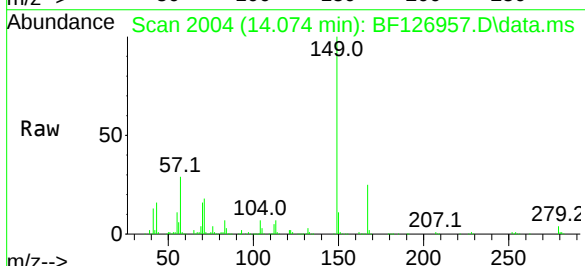
Tgt Ion:149 Resp: 112617

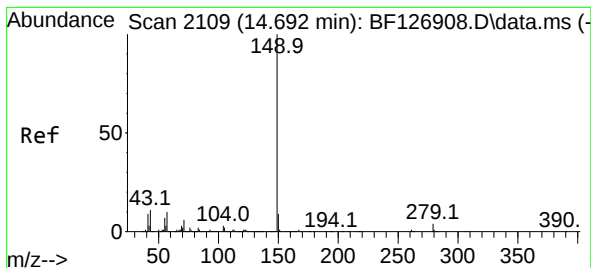
Ion Ratio Lower Upper

149 100

167 24.9 21.4 32.2

279 4.0 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 8.252 ng

RT: 14.686 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

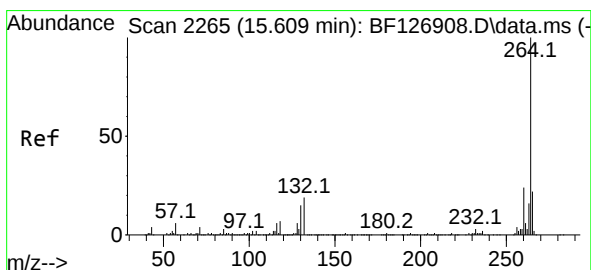
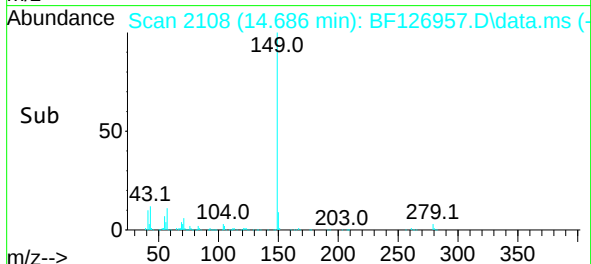
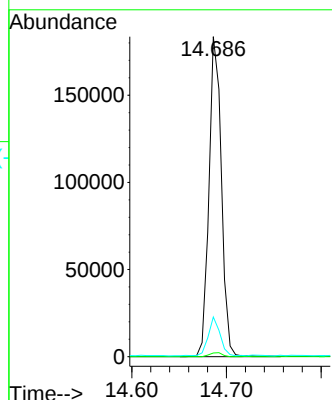
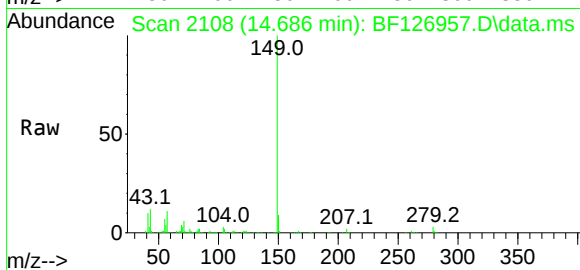
Tgt Ion:149 Resp: 166512

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

43 11.5 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.610 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

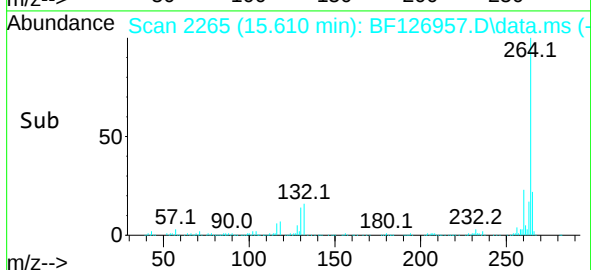
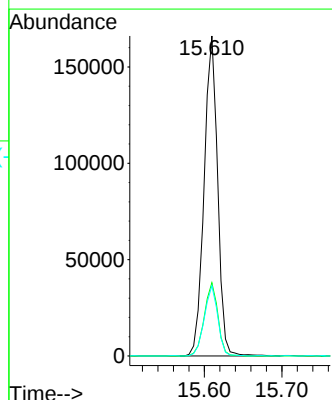
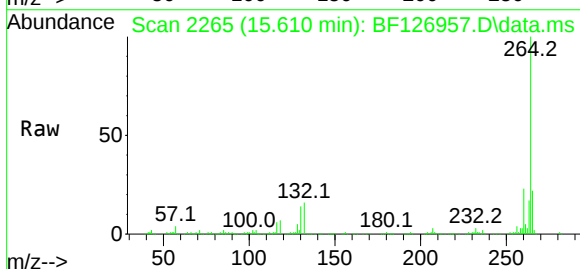
Tgt Ion:264 Resp: 201302

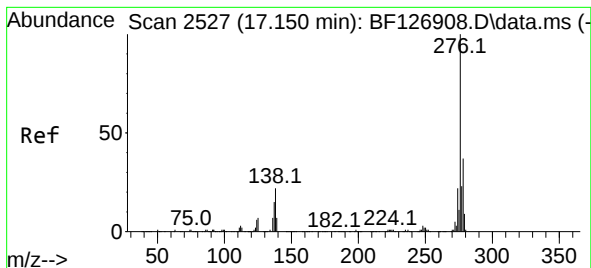
Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.581 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

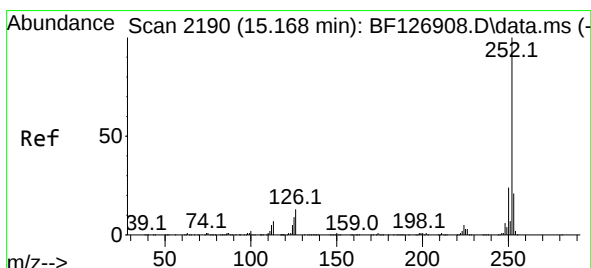
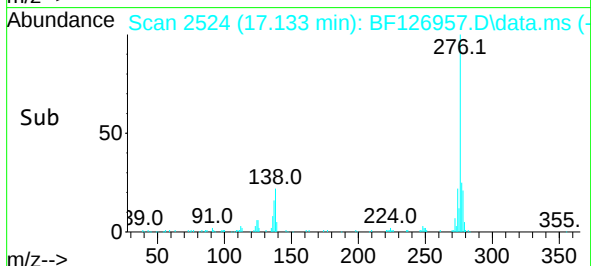
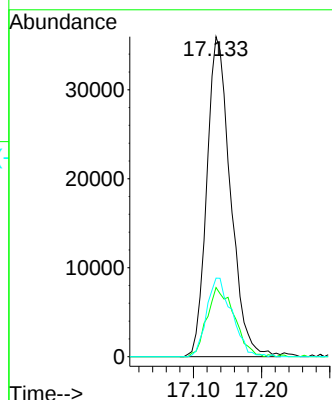
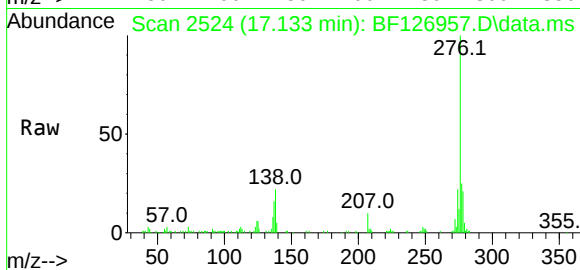
Tgt Ion:276 Resp: 86869

Ion Ratio Lower Upper

276 100

138 25.0 29.2 43.8#

277 26.3 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 8.378 ng

RT: 15.163 min Scan# 2189

Delta R.T. -0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

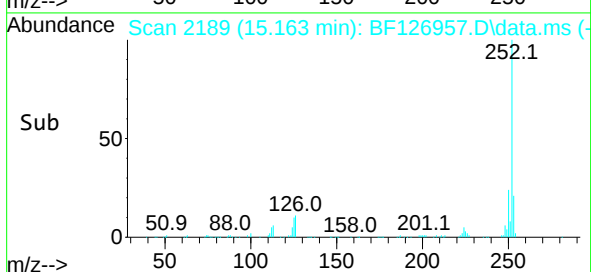
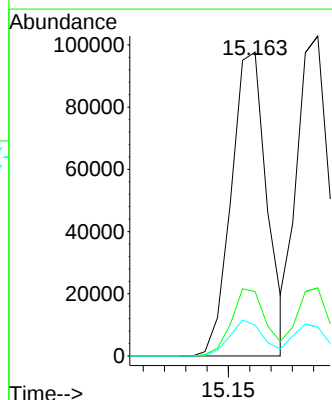
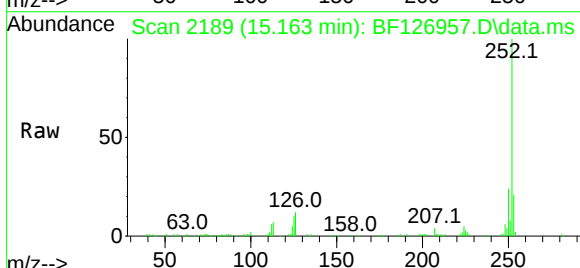
Tgt Ion:252 Resp: 113278

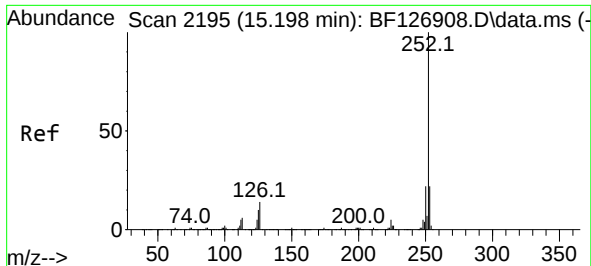
Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.8

125 10.2 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 8.529 ng

RT: 15.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

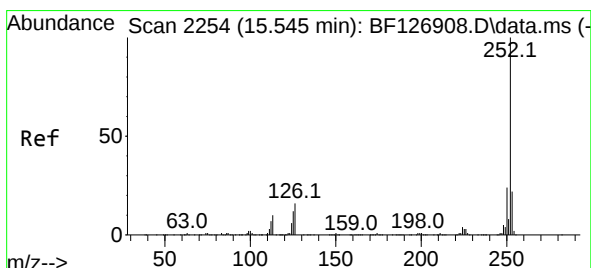
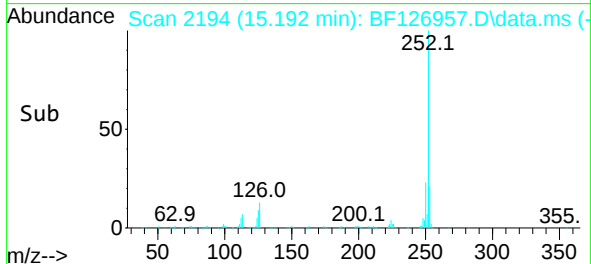
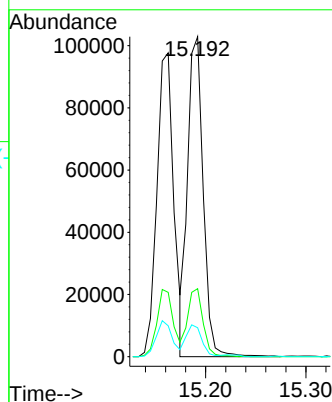
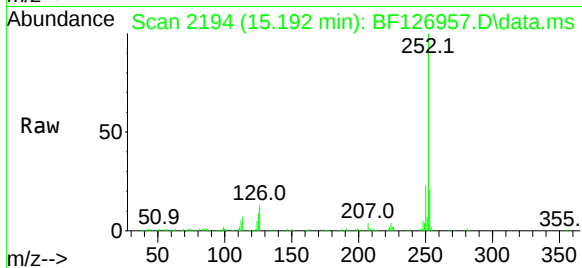
Tgt Ion:252 Resp: 111219

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 9.1 11.8 17.6#



#90

Benzo(a)pyrene

Concen: 9.489 ng

RT: 15.539 min Scan# 2253

Delta R.T. -0.006 min

Lab File: BF126957.D

Acq: 18 Feb 2022 17:37

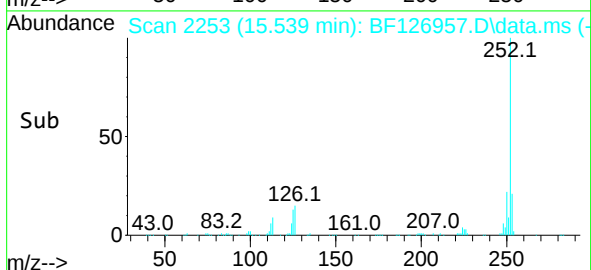
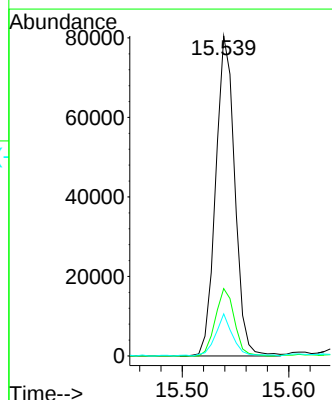
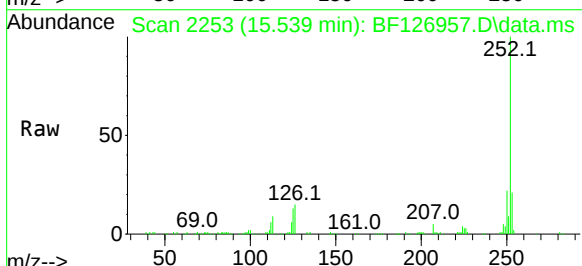
Tgt Ion:252 Resp: 100215

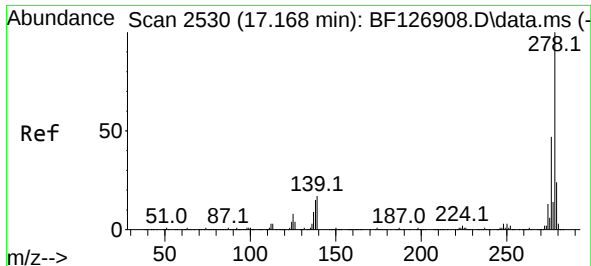
Ion Ratio Lower Upper

252 100

253 21.0 17.1 25.7

125 13.2 13.0 19.6

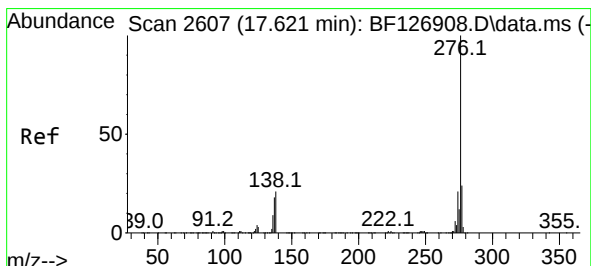
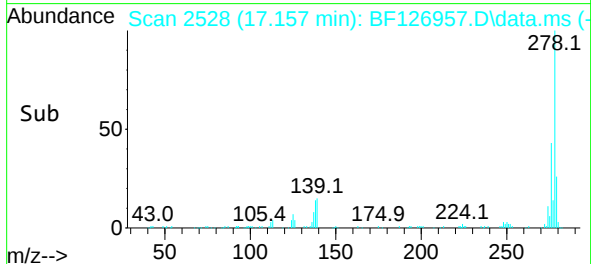
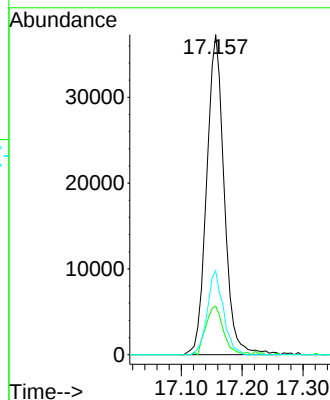
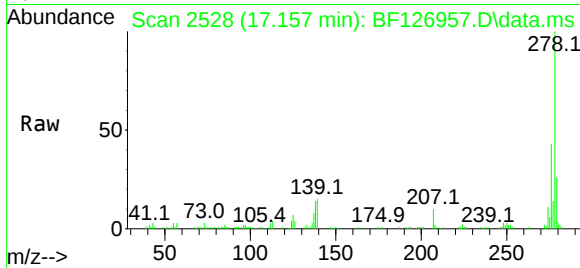




#91
Dibenzo(a,h)anthracene
Concen: 6.836 ng
RT: 17.157 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

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

Tgt Ion:278 Resp: 74625
Ion Ratio Lower Upper
278 100
139 15.2 18.0 27.0#
279 26.2 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 6.647 ng
RT: 17.604 min Scan# 2604
Delta R.T. -0.017 min
Lab File: BF126957.D
Acq: 18 Feb 2022 17:37

Tgt Ion:276 Resp: 71539
Ion Ratio Lower Upper
276 100
277 25.7 18.5 27.7
138 22.0 25.9 38.9#

